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June 11, 2008

Mr. Barney Chan
Alameda County Health Care Services
Environmental Health Services
1131 Harbour Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Soil Management Implementation Report
3701-3799 Broadway, Oakland, California
SECOR PN: 05OT.50238.01

Dear Mr. Chan:

SECOR International Incorporated (SECOR), on behalf of Kaiser Foundation Health Plan, Inc. (Kaiser Permanente), is pleased to present the enclosed *Soil Management Implementation Report*. This document has been prepared to document the procedures that were detailed in the Soil Management Plan (SMP) for 3701-3757 Broadway in Oakland, California dated August 3, 2006, and the SMP Addendum for 3781 - 3799 Broadway in Oakland, California dated November 13, 2006. The enclosed report describes excavation and soil management practices that were followed during construction at the above-referenced site.

If you have any questions regarding the *Soil Management Implementation Report* or the project in general, please contact Mr. David Grede with Kaiser Permanente at (510) 987-3143 or the undersigned at (925) 299-9300.

Sincerely,
SECOR International Incorporated

Greg D. Hoehn
Principal Geologist

Enclosure

cc: Gary Bankhead, Kaiser Permanente
David Grede, Kaiser Permanente
Satya Sinha, Chevron
Charlotte Evans, Conestoga Rovers

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SOIL MANAGEMENT IMPLEMENTATION REPORT

3701-3799 Broadway
Oakland, California

June 11, 2008
SECOR PN: 05OT.50238.01

Prepared For:

Mr. Gary Bankhead
Kaiser Foundation Health Plan, Inc.
1100 San Leandro Boulevard, Suite 200
San Leandro, California 94577

Submitted By:

SECOR International Incorporated
57 Lafayette Circle, 2nd Floor
Lafayette, California 94549-4321

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LIMITATIONS AND CERTIFICATIONS

This report was prepared in accordance with the scope of work outlined in SECOR's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of Kaiser Foundation Health Plan, Inc., for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to SECOR. To the extent that this report is based on information provided to SECOR by third parties, SECOR may have made efforts to verify this third party information, but SECOR cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by SECOR.

Prepared by:

for

Khamly Chuop
Staff Scientist

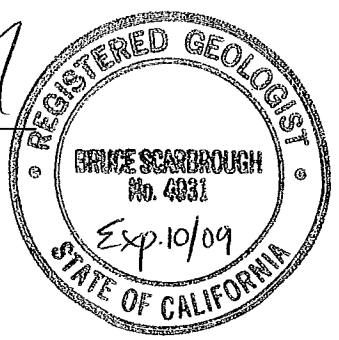
Reviewed by:

Greg D. Hoehn
Principal Geologist

All information, conclusions, and recommendations provided by SECOR in this document regarding the *Soil Management Implementation Report* has been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Licensed Approver:

Bruce E. Scarbrough, P.G., #4931
Principal Geologist



1.0 INTRODUCTION

SECOR International Incorporated (SECOR), on behalf of Kaiser Foundation Health Plan, Inc. (Kaiser Permanente), presents this *Soil Management Implementation Report* for the Kaiser Permanente Medical Office Building (MOB) project located at 3701-3799 Broadway Avenue in Oakland, California (the Site). The MOB project as a whole encompasses the city block fronting Broadway between Macarthur Boulevard to the south and 38th Street to the north. This report describes the activities performed in implementing the Soil Management Plan (SMP; SECOR, 2006a) and the SMP Addendum (SECOR, 2006b) prepared for the Site. Kaiser Permanente is currently redeveloping the Site, and soils excavated and removed to prepare the Site for construction were managed under the SMP and SMP Addendum.

The SMP and SMP Addendum defined areas of the Site which required special handling and/or disposal considerations during excavation due to elevated concentrations of petroleum hydrocarbons and/or metals. General safe work practices regarding handling, excavating, transporting, and disposing of impacted soils are described in the SMP and SMP Addendum. A site-specific health and safety plan (HASP) was prepared prior to implementing the SMP. The HASP described potential chemical and physical hazards, methods for monitoring, chemical action levels, and response actions.

2.0 PROJECT SUMMARY

2.1 Site Description

The Site is located at 3701 through 3799 Broadway in Oakland, California (see Figure 1, Site Location Map), and previously consisted of several commercial properties with frontage to Broadway. The Site is bounded to the east by Broadway; to the south by Macarthur Boulevard; to the west by Western Creek, a single-family residence, vacant residences and Manila Street; and to the north by 38th Street.

The property located at 3701 Broadway (corner of Broadway and Macarthur Boulevard) was occupied by a gasoline service station from approximately 1924 to 1988 (herein referred to as the former Chevron property). The property located at 3735-3737 Broadway was formerly occupied by a car washing facility, which previously contained fuel underground storage tanks (USTs) and an aboveground sump used to contain rinsate from washing operations. This property, as well as the properties located at 3741 Broadway and 3751-3757 Broadway, were most recently occupied by Honda of Oakland and operated as a new car dealership and automotive repair facility. Historical documentation indicates that the properties at 3741 and 3751-3757 Broadway have been used as an automotive service facility since at least the 1920s. The property located at 3781 Broadway was previously used as office space by Applied Research. The building located at 3785 Broadway was occupied by a Firestone automotive service and repair facility, and the building at 3793 Broadway was most recently a pet boarding facility. The property at 3799 previously operated as a Midas automotive service and repair facility. The Site Plan is shown in Figure 2.

2.2 Previous Environmental Characterization

2.2.1 3701 – 3757 Broadway

SECOR performed two phases of subsurface environmental characterization at the properties of 3701-3757 Broadway Ave, Oakland, California. In 2004, SECOR completed a Phase II Environmental Site Assessment (Phase II ESA), following a previously completed Phase I Environmental Site Assessment (Phase I ESA) by SECOR. In January 2006, SECOR performed additional Site characterization by advancing 37 soil borings at locations across the Site. The findings were reported from both events in SECOR's document entitled, *"Soil Characterization Report,"* dated March 6, 2006 (SECOR, 2006c).

SECOR compared soil data to Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB, Interim Final, February 2005). ESLs are risk-based environmental screening levels intended to be protective of human health and the environment. SECOR compared Site data to ESLs protective of residential

development (residential ESLs) and developed the SMP according to soil data collected from the investigations. The relevant findings of these investigations are outlined in the SMP (SECOR, 2006a).

2.2.2 3781, 3785, 3793, and 3799 Broadway

SECOR completed Phase I ESAs at each of the four properties. Based on the findings of the Phase I ESAs, SECOR performed a subsurface investigation at three of the four properties in September 2006 (3781 Broadway was excluded due to access constraints). SECOR reported the findings of the investigation in the document entitled, *"Additional Site Characterization Report,"* dated October 24, 2006 (SECOR, 2006d). The relevant findings of these investigations are outlined in the SMP Addendum (SECOR, 2006b).

2.3 Scope of Work

Kaiser Permanente's development plans included the demolition of pre-existing structures and construction of the MOB, which includes a basement level. The footprint of the building, illustrated on Figure 3, was excavated to approximately 15 feet below ground surface (bgs) as measured at the southern edge adjacent to Macarthur Boulevard. Because the ground slopes upward slightly towards the north across the Site, the excavation extended slightly deeper relative to existing grade in the northern part of the Site. Excavated soils were managed appropriately and/or off-hauled for disposal.

Kaiser Permanente purchased the properties north of 3757 Broadway as far as 38th Street. Redevelopment of these parcels consists of constructing a parking garage (including underground parking) to service the MOB. The footprint of the parking garage, illustrated on Figure 3, was excavated to approximately 30 feet bgs. This construction was managed under the SMP Addendum that was developed following environmental characterization of the properties.

2.4 Areas that Required Special Soil Handling

SECOR identified six areas, Soil Areas 1 through 6, that required special handling and disposal of impacted soils, as outlined in the SMP and SMP Addendum. Soil Area 7 was identified during the excavation activities and had not been identified in the SMP or SMP Addendum. Soil sampling for Soil Area 1 was conducted in order to document the conditions after excavation. Environmental conditions related to the former Chevron property (3701 Broadway) remain the responsibility of Chevron. Confirmation soil sampling for Soil Areas 2 to 7 were conducted in order to document that soil with concentrations of constituents above the residential ESLs had been removed.

Soil Areas 1 through 7 are summarized below and shown in Figure 3.

- Soil Area 1 – Former Chevron service station. Previous investigations indicated the widespread presence of elevated concentrations of petroleum hydrocarbons at depths greater than 10 feet bgs and localized impacts at shallower depths. Because of the widespread nature of chemical impacts, the entire volume of soil to 15 feet bgs was excavated and disposed of off-site. This work followed sampling and soil profiling for appropriate off-site disposal performed by Chevron (see Section 3.5.1).

- Soil Area 2 – Former USTs at 3735-3737 Broadway. The former UST cavity and surrounding soils were excavated to approximately 15 feet bgs. Based on observation of discolored soil and a strong petroleum odor, soil in the eastern half of the excavation was excavated to a depth of 18 feet bgs, sampled to confirm the excavation limits met the residential ESL, and profiled under a separate manifest for appropriate off-Site disposal.

- Soil Area 3 – Debris pile beneath the false floor along the western side of 3741 Broadway. Soils in this area were planned to be excavated to approximately 5 feet bgs. Due to confirmation soil sampling results being higher than residential ESLs, the excavation was extended further north, east, and to a depth of 12 feet bgs, as allowed by site conditions, and confirmation samples collected to confirm the extent of removal.

- Soil Area 4 – Chemical impacts observed at SB-48. Soils in this area were excavated to approximately 5 feet bgs. Due to confirmation sampling results being higher than residential ESL levels, the excavation was further extended on all sides, but to the planned excavation depth of 5 feet bgs.

- Soil Area 5 – Hydraulic Hoists at the Former Midas (3799 Broadway). Soils between 6 feet bgs (shallowest depth analyzed) and 20 feet bgs in the vicinity of the in-ground hydraulic hoists were impacted by elevated concentrations of petroleum hydrocarbons. Select soil samples (those with the highest concentrations of petroleum hydrocarbons) were also analyzed for PCBs; none were detected. SECOR recommended excavating soils in the area to approximately 22 feet or first-encountered groundwater (expected at 22 to 24 feet bgs before groundwater dewatering was implemented). No water was encountered and based on the observation of discolored soil and petroleum odor, soil was excavated to the depth for planned development of approximately 30 feet bgs. Due to confirmation sampling results, a section of the sidewall was further extended to the south.

- Soil Area 6 – Former Waste Oil UST at Firestone (3785 Broadway). One soil sample collected from 8 feet bgs within the former waste oil UST excavation reported an elevated concentration of lead (350 milligrams per kilogram or mg/kg). Although this lead concentration may not be representative of soil conditions in the area, because it was detected within the former UST excavation, Kaiser Permanente implemented the conservative approach of removing soils in the area to approximately 12 feet bgs. Composite soil samples were collected and analyzed from Soil Area 6 that confirmed the soil could be disposed of at a Class II landfill. Due to the observation of little discolored soil and none to low volatile vapor readings, soils in this area were excavated to a depth of 10 feet bgs and confirmation samples were collected to confirm the extent of soil removal.

- Soil Area 7. Based on observation of discolored soil and a petroleum odor during the excavation, an additional area was identified which required special handling and disposal of impacted soils. Soils in this area were excavated to a depth of 5 feet bgs. Confirmation samples were collected to confirm the extent of soil removal.

2.5 Site Preparation

Prior to removing the soil managed under the SMP and SMP Addendum, Kaiser Permanente's construction and excavation contractor demolished the existing structures at 3735-3799 Broadway. Demolition included removal of pavement and/or concrete. In addition, Kaiser Permanente's construction and excavation contractors have installed shoring and dewatering wells. The exposed portion (not in a culvert) of Western Creek, located adjacent to the Site to the west, was routed through a temporary culvert during demolition and excavation activities.

2.6 Additional Activities

Additional activities were conducted at the Site based on the discovery of a UST and unidentified well. The following summarizes the additional activities conducted.

- Underground Storage Tank (UST) Removal: A UST was located in the south-central portion of the Site (3735-3757 Broadway) and as shown in Figures 2 and 3, prior to any excavated work being conducted at the Site. Sampling of liquid present in the UST and of the soil surrounding the UST was conducted that confirmed the UST was a waste oil tank. On June 11, 2007, the UST was removed from the Site and transported off-site for disposal/recycling. A copy of the Underground Storage Tank Removal Report and the laboratory results of the samples collected are included in Appendix A.

- Well Abandonment: A well of unknown identification was located near the northwest corner of the Site (3799 Broadway), near the Site's boundary with 38th Street. The location of the well is shown in Figures 2 and 3. A search of public records indicated no record of the well. On July 27, 2007, the well was abandoned by pressure-grouting with cement grout to the total depth of the well at 37 feet bgs. A copy of the well destruction permit and Department of Water Resources (DWR) form is included in Appendix B.

3.0 SOIL HANDLING AND DISPOSAL

Remedial activities were conducted on the Site between April and September 2007. The following sections describe the excavation, handling, transport, and disposal of impacted soil. Kaiser Permanente's excavation contractor acquired the necessary grading and/or encroachment permits from the City of Oakland.

3.1 Environmental Screening Levels

Confirmation soil data for Areas 2 through 7 were compared to residential ESLs established by the RWQCB. ESLs are not promulgated 'cleanup standards'; rather, they are screening levels used to determine if constituents are present at concentrations, which, if unmitigated, may pose risk to human health or the environment. The presence of a chemical at concentrations exceeding an ESL does not mean that adverse impact to human or ecological health is occurring; only that the potential for adverse risk may exist and additional evaluation is needed.

The chosen residential soil ESLs include values for shallow (<3 meters) and deep (>3 meters) soils. Because soil samples were collected from depths ranging from 5 feet to 30 feet bgs, these data were compared to the depth-appropriate ESL. Typically, the shallow soil ESL is more conservative than the ESL for deep soil. If confirmation soil samples did not meet ESL levels, the excavation was extended further out or deeper, as appropriate. One conformational sample result did not meet the ESL for chromium, and the evaluation of the chromium sample is discussed in Section 3.5.3.

3.2 Excavation and Loading of Soil

Soils were excavated and loaded directly onto trucks whenever possible for off-site disposal. If stockpiling was necessary, soils were placed on and underneath plastic sheeting. A loading zone was designated out of the public right-of-way and trucks were cleaned using shovels and brooms prior to leaving the Site to minimize the spreading of impacted soils to the sidewalk and street. In addition, a gravel bed was laid down at the entrance and exit of the Site, and a street cleaning vehicle was used on the surrounding streets.

3.3 Management of Nuisance Odors and Dust

During excavation, SECOR monitored excavation activities using a photoionization detector (PID). Volatile vapors were not produced at such a level that they constituted a nuisance to nearby residents and workers. The excavation was conducted in such a manner that generation of dust was minimized and engineering controls such as wetting were used when visible dust was observed.

3.4 Transport and Disposal of Impacted Soils

Soils from Areas 2 through 7 and from the vicinity of the UST discovered during the property redevelopment were transported in accordance with City of Oakland truck route restrictions. Soils with constituents above the residential ESL target concentrations, but below hazardous waste limits as required for disposal at the landfill, were transported to Altamont Landfill in Alameda County, California, a Class II disposal facility. Based on historic characterization data and composite soil samples analyzed for disposal profiling prior to initiating excavation activities, no soil had to be disposed of at a hazardous waste (Class I) landfill. Disposal documentation is included in Appendix C. Note that soil from Area 1 (the former Chevron) were profiled and disposed of at an off-site facility under the direction of Chevron.

3.5 Confirmation Sampling

Confirmation soil samples were collected following removal of impacted soils. The following sections detail the sampling frequency and analytical results for each area. For Area 1, soil samples were collected to document the concentrations of chemical constituents left in-place. For Areas 2 through 7, confirmation soil samples were collected to document the removal of soils with concentrations of constituents above the residential ESL levels. If confirmation soil samples did not meet ESL levels, the excavation was extended, as appropriate. All laboratory analytical results are summarized in Tables 1 and 2 and copies of the laboratory analytical results are included in Appendix D. Analytical results for soil samples collected in Area 1 and the confirmation soil samples in Areas 2 through 7 are shown in Figures 4 through 7.

3.5.1 Soil Area 1 – Former Chevron Site

Confirmation soil samples were collected from the excavation floor on approximately 15-foot by 15-foot centers with a total of 40 soil samples collected. Soil samples were analyzed for the following constituents: total petroleum hydrocarbons as gasoline (TPHg) by modified U.S. Environmental Protection Agency (US EPA) Method 8015M; benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl tertiary-butyl ether (MTBE) by US EPA Method 8260B; TEPH as diesel and motor oil by US EPA Method 8015B with silica gel cleanup; and five leaking underground fuel tank (LUFT) metals by US EPA Method 6010B. Analytical results documenting sample concentrations at the base of the excavation are summarized in Table 1 and shown on Figure 4. The total volume of soil excavated and disposed of from Soil Area 1 is estimated at approximately 5,000 cubic yards (yd^3).

3.5.2 Soil Area 2 – Former USTs

Two confirmation soil samples were collected from the excavation floor, and confirmation soil samples were collected every 5 feet below grade from each of the four sidewalls. Soil samples were analyzed for TPHg by modified US EPA Method 8015M; BTEX and MTBE by US EPA

Method 8260B; TEPH as diesel and motor oil by US EPA Method 8015B with silica gel cleanup; and five LUFT metals by US EPA Method 6010B.

The eastern floor sample (A2-B-15') collected at 15 feet bgs, did not meet the residential ESL for TPHg, ethylbenzene, or xylenes. Area 2 was excavated deeper and re-sampled at 18 feet bgs on the eastern portion of the excavation. In addition, due to strong volatile vapor readings, a petroleum odor, and observed discolored soil, soil from this eastern portion of the Area 2 was profiled under a separate soil profile (soil with greater than 50 mg/kg gasoline) for appropriate off-site disposal. The analytical results are summarized on Table 2 and shown on Figure 5. The total volume of soil excavated and disposed of from Soil Area 2 is estimated at approximately 490 yd^3.

3.5.3 Soil Area 3 – Debris Pile and Underlying Soils

Two confirmation soil samples were collected from the excavation floor, and soil samples were collected from two locations along the eastern sidewall in the long dimension. Due to Area 3 being adjacent to the bank of Western Creek, no western sidewall existed after excavation and the western samples were collected along the western boundary at the floor of the excavation. One soil sample was collected from each of the two sidewalls in the short dimension. Soil samples were analyzed for the following constituents: TEPH as diesel and motor oil by US EPA Method 8015B with silica gel cleanup and five LUFT metals by US EPA Method 6010B.

None of the initial confirmation samples, with the exception of the confirmation sample along the southern sidewall of Area 3, met the residential ESL for all chemical constituents. As a conservative measure, Soil Area 3 was further excavated on all sides by 5 feet and deeper by 7 feet bgs and re-sampled. All of the re-sampled confirmation locations met ESLs for all chemical constituents, with the exception of the sample collected at the northern sidewall (A3-N-2-9') at 9 feet which had a chromium concentration at 64 mg/kg, greater than the residential ESL of 58 mg/kg. The chromium results are discussed in more detail below. The analytical results are summarized on Table 2 and shown on Figure 6. The total volume of soil excavated and disposed of from Soil Area 3 is estimated at approximately 280 yd^3.

Statistical Evaluation for Chromium

A confirmation sample from the northern sidewall of Area 3, collected at a depth of 5 feet bgs, did not meet the ESL for chromium and was re-sampled. The re-sampled confirmation sample had a chromium concentration at 64 mg/kg, greater than the residential ESL of 58 mg/kg. Additional excavation was not feasible due to site logistics.

In order to evaluate chromium at a concentration above the ESL value, confirmation chromium results for Area 3 were analyzed statistically to calculate the 95 percent upper confidence level (UCL) concentration. For a sample where chromium was not detected above the laboratory

method reporting limit, one half the reporting limit was used in the calculations. The 95 UCL was computed using the "bootstrap-t" method. A bootstrap method refers to a method of estimating confidence limits of a statistical calculation by re-sampling a data set with replacement to form new data sets. The bootstrap-t method is a variation of the general bootstrap method and gives the widest confidence interval of the bootstrap methods while including the actual population mean.

The bootstrap-t method makes many (the iterative amount – generally >1000) data sets by randomly sampling the original data set and replacing the sampled value. This is done the number of times of the count of the original number of samples. Thus, there are an iterative number of sample sets of the size of the original data set where the values are from the original data set, but where any value in the original data set may be represented many or no times. The variance and standard deviation of the statistical parameter (e.g., mean or median) are calculated. The resulting values are ordered and a values placement in the ordered set represents the confidence quantile (i.e., if 1000 sample sets were generated the 95 percentile would be the 950th value). No assumption of a parametric distribution is made.

The 95 UCL value calculated for chromium was 45.68 mg/kg. A copy of the chromium 95 UCL calculation printout is included in Appendix E. The 45.68 mg/kg value is below the residential ESL for chromium. Therefore, based on the statistical concentration of chromium for Area 3, chromium in Area 3 does not appear to pose a threat to human health or the environment.

3.5.4 Soil Area 4 – SB-48 Location

One confirmation soil sample was collected from the excavation floor at 5 feet bgs and from each of the four sidewalls at a depth of 5 feet bgs. Soil samples were analyzed for the following constituents: TEPH as diesel and motor oil by US EPA Method 8015B with silica gel cleanup and five LUFT metals by US EPA Method 6010B.

All confirmation soil samples met residential ESLs for TEPH as diesel and motor oil. The four sidewall confirmation samples did not meet residential ESLs for metals and the excavation was further extended by 3 feet on all sides and re-sampled. The re-sampled confirmation sample along the western sidewall (A4-W-2-5') met the residential ESLs for the five LUFT metals. The re-sampled confirmation samples along the northern, eastern, and southern sidewall did not meet the residential ESL level for chromium, although it met the residential ESLs for cadmium, lead, nickel, and zinc. The excavation was further extended to the north and south by 7.5 feet and to the east by 6 feet. The re-sampled confirmation samples met the residential ESL for chromium. The analytical results are summarized on Table 2 and shown on Figure 6. The total volume of soil excavated and disposed of from Soil Area 4 is estimated at approximately 75 yd^3.

3.5.5 Soil Area 5 – Hydraulic Hoists at the Former Midas (3799 Broadway)

Three confirmation soil samples were collected from the excavation floor at 30 feet bgs. Sidewall confirmation samples were collected from the southern long-dimension (trending east-west) sidewall at depths corresponding to approximately 10 and 20 feet bgs. Two soil samples were collected from each of the short-dimension sidewalls (those trending north-south). Two samples were collected at 8 feet bgs from the proposed northern sidewall location. No additional northern sidewall samples were collected due to the northern sidewall excavation being extended further than proposed, to the location of shoring, in line with the proposed building footprint. Soil samples were analyzed for TEPH as diesel and hydraulic fluid by US EPA Method 8015B with silica gel cleanup. Seven of the eighteen samples from Soil Area 5 were inadvertently reported for TEPH as motor oil by US EPA Method 8015B, in addition to the TEPH as diesel and hydraulic fluid.

One of the two initial southern sidewall samples (A5-S2-10') did not meet the residential ESL for TEPH as diesel and hydraulic fluid. Area 5 was further excavated south and additional confirmation samples were collected until the residential ESL level for TEPH as diesel and hydraulic fluid were met. Laboratory results are summarized in Table 2 and shown in Figure 7 along with confirmation sampling locations.

The proposed northern delineation was extended further than proposed, to the location of in-place shoring. No additional northern sidewall samples were able to be collected. All other confirmation samples met the residential ESLs for TEPH as diesel and hydraulic fluid. The total volume of soil excavated and disposed of from Soil Area 5 is estimated at approximately 2,000 yd^3.

3.5.6 Soil Area 6 – Former Waste Oil UST at Firestone (3785 Broadway)

One confirmation soil sample was collected from the excavation floor and soil samples were collected from each of the four sidewalls at depths of 5 feet and 10 feet bgs. Soil samples were analyzed for five LUFT metals by US EPA Method 6010B.

All confirmation samples met the residential ESLs for the chemical constituents analyzed, with the exception of the northern sidewall sample at 5 feet bgs (A6-N-5'), which exceeded the residential ESL for lead. Due to the sample exceeding the residential ESL for lead, the northern sidewall was further excavated north by three feet and re-sampled at a depth of five feet bgs. The re-sampled confirmation sample met the residential ESL level for lead. Laboratory results are summarized in Table 2 and shown on Figure 6 along with confirmation sampling locations. The total volume of soil excavated and disposed of from Soil Area 6 is estimated at approximately 100 yd^3.

3.5.7 Soil Area 7 – Area Identified During the Excavation

Based on the observation of discolored soil and a petroleum odor, Kaiser Permanente's excavation contractor identified an additional area which required special handling and disposal of impacted soils. Soils in this area were excavated to a depth of 5 feet bgs and stockpiled for later off-site disposal. Confirmation samples were collected from each of the four sidewalls at a depth of 5 feet bgs and were analyzed for TPHg, TEPH as diesel, and TEPH as motor oil. All of the confirmation samples met the residential ESLs for the chemical constituents analyzed. The laboratory results are summarized in Table 2 and shown in Figure 5 with confirmation sample locations. The total volume of soil excavated and disposed of from Soil Area 7 is estimated at approximately 85 yd^3.

3.6 Summary of Soil Handling and Disposal

Soil handling and disposal was conducted in accordance with the SMP and SMP Addendum prepared for the Site (SECOR, 2006a and SECOR, 2006b). Soil was excavated in areas defined in the SMP and SMP Addendum, and handled based on concentrations of petroleum hydrocarbons and/or metals reported in site characterization samples. The extent of soil excavated as containing elevated levels of petroleum hydrocarbons and/or metals was based on the collection and analysis of confirmation samples to document that soil outside the areas requiring special handling met residential ESLs. In summary, the following approximate volume of soil was excavated from each area identified in the SMP, SMP Addendum, and encountered during the excavation activities: 5,000 cubic yards from Area 1 (transported and disposed of by Chevron); 490 cubic yards from Area 2; 280 cubic yards from Area 3; 75 cubic yards from Area 4, 2,000 cubic yards from Area 5; 100 cubic yards from Area 6; and 85 cubic yards from Area 7. A total of 3,764 tons (excluding Area 1) of soil with concentrations greater than the residential ESL of petroleum hydrocarbons and/or metals were transported to the Altamont landfill for disposal. Documentation of soil disposal is included in Appendix C. All clean soil (with concentrations below the residential ESLs) excavated for the construction project was transported off-site for reuse as fill or cover material.

4.0 GROUNDWATER MANAGEMENT

Groundwater is managed by the installation and operation of an on-site dewatering and treatment system. Site dewatering, water treatment, and discharge began in May 2007. The purpose for the system is to dewater the excavation areas so that the impacted soil could be removed and to allow underground structures to be built. The approximate time period for dewatering and operation of the treatment system is expected to continue into the summer of 2008. The following sections describe the groundwater management on-site.

4.1 Dewatering Treatment System General Description

The groundwater treatment system is a batch system designed to treat collected groundwater at a maximum rate of approximately 100 gallons per minute (gpm) and is supplied by 35-, 40-, and 50-foot deep groundwater extraction wells, evenly spaced around the perimeter of the construction area. There are three main components to the treatment system: 1) water settling of solids in filtered tanks, 2) sand filter solids removal, and 3) liquid-phase carbon treatment. A schematic of groundwater treatment system is presented as Figure 8.

4.2 Groundwater Discharge Compliance

Groundwater was initially discharged to the sanitary sewer beginning on May 7, 2007, under East Bay Municipal Utility District (EBMUD) Publicly Owned Treatment Works (POTW) permit number 5061528-1. The POTW permit required monthly effluent volume reports and quarterly effluent samples. Monthly effluent volumes and quarterly effluent samples were compliant with permit requirements. Suspected contaminants and test methods used at the site include TPHd and TPH as hydraulic fluid by US EPA Method 8015M and TPHg and BTEX by US EPA Method 8260B. All discharge criteria were met and compliance reports were submitted to EBMUD per the permit conditions. A copy of the permit is included in Appendix F.

A National Pollutant Discharge Elimination System (NPDES) General Permit (No. CAG912002 - Fuels General Permit) dated October 4, 2007, was obtained from the California RWQCB. Prior to discharge under the NPDES permit, an influent and effluent sample was collected from the system per the NPDES permit start-up requirements and no Toxic Pollutants were detected. Discharge of the treated groundwater was routed to Western Creek under the NPDES permit beginning on October 12, 2007, and continues as of the date of this report. Compliance sampling is performed and reporting is made to the RWQCB in accordance with the schedule in the permit. Discharge to date has been in compliance with the permit effluent limitations. A copy of the NPDES permit is included in Appendix F.

5.0 REFERENCES

SECOR, 2006a. Soil Management Plan, 3701-3757 Broadway, Oakland, California, August 3.

SECOR, 2006b. Soil Management Plan Addendum, 3781-3799 Broadway, Oakland, California, November 13.

SECOR, 2006c. Soil Characterization Report, 3701-3757 Broadway, Oakland, California, March 6.

SECOR, 2006d. Additional Site Characterization Report, 3781-3799 Broadway, Oakland, California, March 6.

TABLES

Soil Management Implementation Report
3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
June 11, 2008

Table 1
Area 1 Bottom Sample Analytical Results
Kaiser Permanente
Oakland Medical Office Building (MOB) Replacement Project
3700 Block of Broadway
Oakland, California

Soil Excavation Area	Sample ID	Depth (ft bgs)	Sample Date	Petroleum Hydrocarbons EPA Method 8015M (mg/kg)			Volatile Organic Compounds EPA Method 8260B (mg/kg)					LUFT Metals EPA Method 6010B (mg/kg)				
				TPHg	TPHd	TPHmo	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	Cadmium	Chromium	Lead	Nickel	Zinc
1	A1-1-15'	15	06/20/07	**4.9 H**	**97 HLY**	**350 HL**	ND<0.0047	**0.008**	**0.011**	**0.072**	ND<0.0047	**ND<0.26**	**43**	**18**	**71**	**48**
	A1-2-15'	15	06/20/07	**8.3 H**	**84 HLY**	**280 HL**	ND<0.0046	**0.0092**	**0.017**	**0.123**	ND<0.0046	**ND<0.25**	**36**	**11**	**66**	**45**
	A1-3-15'	15	06/20/07	ND<1.0	**24 HLY**	**69 HL**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**ND<0.26**	**35**	**11**	**60**	**38**
	A1-4-15'	15	06/20/07	**4.1 H**	**76 HLY**	**250 HL**	ND<0.0049	ND<0.0049	**0.014**	**0.0361**	ND<0.0049	**ND<0.27**	**32**	**13**	**56**	**39**
	A1-5-15'	15	06/20/07	**6.1 H**	**24 HLY**	**20 HL**	ND<0.005	**0.0087**	**0.014**	**0.09**	ND<0.005	**0.31**	**43**	**8.8**	**76**	**52**
	A1-6-15'	15	06/20/07	**100 H**	**27 HLY**	ND<5.0	ND<0.13	**0.2**	**0.32**	**1.73**	ND<0.13	**0.33**	**35**	**19**	**74**	**46**
	A1-7-15'	15	06/20/07	**490 H**	**95 HLY**	**13 L**	ND<0.83	**1.8**	**3.0**	**17.0**	ND<0.83	**ND<0.26**	**39**	**5.2**	**62**	**45**
	A1-8-15'	15	06/20/07	**3,600 H**	**520 HLY**	**13 L**	ND<6.3	**99.0**	**49.0**	**277.0**	ND<6.3	**ND<0.25**	**32**	**4.4**	**46**	**38**
	A1-9-15'	15	06/20/07	ND<1.0	**100 HLY**	**400 HLY**	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	**ND<0.25**	**27**	**2.9**	**54**	**30**
	A1-10-15'	15	06/20/07	**15 H**	**130 HLY**	**480 HL**	ND<0.0049	**0.037**	**0.043**	**0.551**	ND<0.0049	**ND<0.25**	**40**	**12**	**62**	**49**
	A1-11-15'	15	06/20/07	ND<1.0	**92 HLY**	**340 HL**	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	ND<0.0048	**ND<0.25**	**43**	**25**	**72**	**71**
	A1-12-15'	15	06/20/07	ND<1.0	**48 HLY**	**190 HL**	ND<0.0046	ND<0.0046	ND<0.0046	**0.013**	ND<0.0046	**ND<0.25**	**34**	**6.8**	**57**	**35**
	A1-13-15'	15	06/20/07	**2.8 H**	**55 HLY**	**170 HL**	ND<0.0047	ND<0.0047	ND<0.0047	**0.013**	ND<0.0047	**ND<0.25**	**38**	**13**	**62**	**46**
	A1-14-15'	15	06/20/07	**190 H**	**92 HLY**	**21 L**	ND<0.31	ND<0.31	**1.2**	**6.2**	ND<0.31	**ND<0.25**	**38**	**6.7**	**69**	**45**
	A1-15-15'	15	06/20/07	**580 H**	**170 HLY**	**7.3 L**	**3.1**	**13.0**	**12.0**	**58.0**	ND<1.3	**0.27**	**38**	**10**	**78**	**45**
	A1-16-15'	15	06/20/07	**880**	**160 HLY**	ND<5.0	ND<3.1	**40.0**	**17.0**	**110.0**	ND<3.1	**ND<0.25**	**34**	**19**	**64**	**39**
	A1-17-15'	15	06/21/07	**11 H**	**830 HLY**	**2,900 HL**	ND<0.0051	ND<0.0051	ND<0.0051	**0.0083**	ND<0.0051	**ND<0.25**	**55**	**29**	**72**	**56**
	A1-18-15'	15	06/21/07	**1.9 H**	**230 HLY**	**800 HL**	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	**ND<0.25**	**51**	**21**	**71**	**55**
	A1-19-15'	15	06/21/07	ND<1.0	**140 HY**	**570 HL**	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	**ND<0.25**	**40**	**21**	**89**	**54**
	A1-20-15'	15	06/21/07	**1.7 HY**	**24 HLY**	**23 HL**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**ND<0.27**	**43**	**6.4**	**65**	**49**
	A1-21-15'	15	06/21/07	**6.9 H**	**12 HLY**	**25 HL**	ND<0.005	ND<0.005	ND<0.005	**0.0068**	ND<0.005	**ND<0.25**	**48**	**11**	**81**	**58**
	A1-22-15'	15	06/21/07	**180 H**	**85 HLY**	**10**	ND<0.13	ND<0.13	**1.1**	**1.7**	ND<0.13	**0.34**	**46**	**4.7**	**76**	**54**
	A1-23-15'	15	06/21/07	**69 H**	**55 HLY**	**23 HL**	ND<0.36	**0.67**	**1.6**	**8.0**	ND<0.36	**ND<0.26**	**46**	**7**	**66**	**51**
	A1-24-15'	15	06/21/07	**320 H**	**100 LY**	**ND<5.0**	ND<1.7	**9.8**	**4.8**	**22.9**	ND<1.7	**ND<0.25**	**40**	**3.7**	**48**	**47**
	A1-25-15'	15	06/21/07	ND<1.0	**120 HY**	**390 HL**	ND<0.0051	ND<0.0051	ND<0.0051	ND<0.0051	ND<0.0051	**ND<0.26**	**53**	**3.9**	**60**	**56**
	A1-26-15'	15	06/21/07	ND<1.0	**36 HLY**	**51 L**	ND<0.0051	ND<0.0051	ND<0.0051	ND<0.0051	ND<0.0051	**ND<0.25**	**46**	**4.6**	**140**	**44**
	A1-27-15'	15	06/21/07	**7.5 HY**	**29 HLY**	**65 HL**	ND<0.0049	ND<0.0049	ND<0.0049	**0.0054**	ND<0.0049	**ND<0.25**	**46**	**6.1**	**66**	**51**
	A1-28-15'	15	06/21/07	**5.5 HY**	**31 HLY**	**40 HL**	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	**ND<0.25**	**47**	**7.9**	**67**	**50**
	A1-29-15'	15	06/21/07	**11 HY**	**19 HLY**	**8.1 L**	ND<0.13	ND<0.13	ND<0.13	ND<0.13	ND<0.13	**ND<0.25**	**48**	**4**	**63**	**56**
	A1-30-15'	15	06/21/07	**4.1 HY**	**14 HLY**	**13 HL**	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	**ND<0.25**	**48**	**10**	**74**	**53**
	A1-31-15'	15	06/21/07	**1.2 HY**	**7.8 HLY**	**7.6 HL**	ND<0.005	ND<0.005	ND<0.005	**0.011**	ND<0.005	**ND<0.25**	**43**	**6.2**	**71**	**48**
	A1-32-15'	15	06/21/07	**23 H**	**16 LY**	**ND<5.0**	ND<0.025	ND<0.025	**0.13**	**0.55**	ND<0.025	**ND<0.27**	**38**	**2**	**55**	**41**
	A1-33-15'	15	06/21/07	ND<1.0	**23 HY**	**110 H**	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	**0.32**	**49**	**14**	**120**	**55**
	A1-34-15'	15	06/21/07	ND<0.96	**59 HY**	**220 H**	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	ND<0.0049	**ND<0.25**	**49**	**5**	**71**	**55**
	A1-35-15'	15	06/21/07	ND<1.0	**23 HLY**	**100 HL**	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	**ND<0.25**	**38**	**11**	**59**	**45**
	A1-36-15'	15	06/21/07	ND<1.0	**ND<0.99**	**ND<5.0**	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	**0.27**	**40**	**10**	**91**	**54**
	A1-37-15'	15	06/21/07	**130 H**	**51 HLY**	**14 HL**	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	**0.31**	**40**	**9.3**	**80**	**49**
	A1-38-15'	15	06/21/07	**6.7 HY**	**20 HLY**	**6.9 L**	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	**ND<0.25**	**37**	**5.4**	**47**	**41**
	A1-39-15'	15	06/21/07	**200 H**	**43 HLY**	**11 L**	ND<0.25	ND<0.25	ND<0.25	**3.4**	ND<0.25	**ND<0.25**	**37**	**13**	**66**	**41**
	A1-40-15'	15	06/21/07	**5.6 H**	**12 LY**	ND<5.0	ND<0.13	ND<0.13	**0.34**	**1.2**	ND<0.13	**0.35**	**33**	**1.8**	**53**	**40**

Notes:
Bold Indicates analyte was detected at or above laboratory reporting limit.

Abbreviations:

TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
TPHmo	Total petroleum hydrocarbons as motor oil
MTBE	Methyl tert butyl ether
mg/kg	milligrams per kilogram (parts per million)
ND<x.xx	Indicates analyte not detected at or above the specified laboratory reporting limit
H	Heavier hydrocarbons contributed to quantitation
Y	Sample exhibits chromatographic pattern which does not resemble standard
L	Lighter hydrocarbons contributed to quantitation
ft bgs	feet below ground surface

Table 2
Areas 2 through 7 - Confirmation Soil Sample Analytical Results
Kaiser Permanente
Oakland Medical Office Building (MOB) Replacement Project
3700 Block of Broadway
Oakland, California

Soil Excavation Area	Sample ID	Depth (ft bgs)	Sample Date	Petroleum Hydrocarbons EPA Method 8015M (mg/kg)				Volatile Organic Compounds EPA Method 8260B (mg/kg)					LUFT Metals EPA Method 6010B (mg/kg)				
				TPHg	TPHd	TPHmo	TPHhf	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	Cadmium	Chromium	Lead	Nickel	Zinc
2	A2-N-5'	5	04/17/07	ND<1.0	ND<1.0	ND<5.0	-	ND<0.0044	ND<0.0044	ND<0.0044	ND<0.0044	ND<0.0044	ND<0.25	25	14	31	16
	A2-S-5'	5	04/16/07	ND<0.95	1.3 HY	ND<5.0	-	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.25	9.2	23	21	50
	A2-E-5'	5	04/16/07	ND<1.0	ND<1.0	ND<5.0	-	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.0046	ND<0.25	25	12	18	14
	A2-W-5'	5	04/16/07	ND<0.94	2.2 HY	22 H	-	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.0047	ND<0.25	23	19	27	60
	A2-N-10'	10	04/17/07	ND<0.98	ND<1.0	ND<5.0	-	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.25	41	4.7	56	25
	A2-S-10'	10	04/16/07	2.6 HY	22 HY	82 HL	-	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.25	24	12	19	29
	A2-E-10'	10	04/17/07	ND<1.0	ND<0.99	ND<5.0	-	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.0045	ND<0.25	42	7.6	35	24
	A2-W-10'	10	04/16/07	7.2 HY	100 HLY	120 HL	-	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.25	21	12	15	24
	A2-B-15'	15	04/17/07	700	40 LY	ND<5.0	-	ND<2.5	ND<2.5	15	79	ND<2.5	ND<0.25	36	4.3	50	43
	A2-BW-15'	15	04/17/07	14 Y	14 LY	ND<5.0	-	ND<0.13	ND<0.13	0.13	ND<0.13	ND<0.13	0.27	42	13	94	53
	A2-B-18'	18	06/26/07	2.4	-	-	-	ND<0.005	0.057	0.041	0.224	ND<0.005	-	-	-	-	-
3	A3-N-5'	5	04/24/07	-	34 HY	190 HL	-	-	-	-	-	-	ND<0.25	61	52	79	72
	A3-N-2-9'	9	04/27/07	-	-	-	-	-	-	-	-	-	-	64	-	-	-
	A3-S-5'	5	04/24/07	-	28 HY	130 HL	-	-	-	-	-	-	ND<0.25	28	95	34	84
	A3-E1-5'	5	04/24/07	-	130 HY	630HL	-	-	-	-	-	-	1.6	48	260	76	200
	A3-E1-2-12'	12	04/27/07	-	16 HY	70 H	-	-	-	-	-	-	-	-	15	-	-
	A3-E2-5'	5	04/24/07	-	130 HY	630HL	-	-	-	-	-	-	0.43	28	130	36	100
	A3-E2-2-12'	12	04/27/07	-	ND<1.0	ND<5.0	-	-	-	-	-	-	-	-	-	-	-
	A3-B1	5	04/24/07	-	70 HY	350 HL	-	-	-	-	-	-	ND<0.25	59	62	62	91
	A3-B1-2-12'	12	04/27/07	-	-	-	-	-	-	-	-	-	-	48	-	-	-
	A3-B2	5	04/24/07	-	43 HY	250 HL	-	-	-	-	-	-	ND<0.25	54	65	55	48
	A3-W1	5	04/24/07	-	670 HY	2,900 HL	-	-	-	-	-	-	4.0	41	770	41	400
	A3-W1-2-12'	12	04/27/07	-	2.6 HY	25 H	-	-	-	-	-	-	ND<0.25	-	4.4	-	-
	A3-W2	5	04/24/07	-	110 HY	550 HL	-	-	-	-	-	-	0.64	32	200	39	140
	A3-W2-2-12'	12	04/27/07	-	ND<1.0	ND<5.0	-	-	-	-	-	-	-	-	11	-	-

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Soil Excavation Area	Sample ID	Depth (ft bgs)	Sample Date	Petroleum Hydrocarbons EPA Method 8015M (mg/kg)				Volatile Organic Compounds EPA Method 8260B (mg/kg)					LUFT Metals EPA Method 6010B (mg/kg)				
				TPHg	TPHd	TPHmo	TPHhf	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	Cadmium	Chromium	Lead	Nickel	Zinc
4	A4-N-5'	5	04/17/07	-	**6.4 HY**	**36 H**	-	-	-	-	-	-	**0.58**	**74**	**160**	**120**	**140**
	A4-N-[2]-5'	5	04/24/07	-	**13 HY**	**63 HL**	-	-	-	-	-	-	0.40	**75**	**41**	**88**	**70**
	A4-N-3-5'	5	04/27/07	-	-	-	-	-	-	-	-	-	-	**47**	-	-	-
	A4-S-5'	5	04/17/07	-	**2.6 HY**	**17 H**	-	-	-	-	-	-	ND<0.25	**140**	**22**	**240**	**43**
	A4-S-[2]-5'	5	04/24/07	-	ND<0.99	**7.9**	-	-	-	-	-	-	ND<0.25	**72**	**9.5**	**68**	**32**
	A4-S-3-5'	5	04/27/07	-	-	-	-	-	-	-	-	-	-	**53**	-	-	-
	A4-E-5'	5	04/17/07	-	**11 HY**	**51 H**	-	-	-	-	-	-	**0.53**	**72**	**87**	**130**	**93**
	A4-E-[2]-5'	5	04/24/07	-	ND<0.99	ND<5.0	-	-	-	-	-	-	ND<0.25	**65**	**5.3**	**140**	**34**
	A4-E-3-5'	5	04/27/07	-	-	-	-	-	-	-	-	-	-	**29**	-	-	-
	A4-W-5'	5	04/17/07	-	**9.2 HY**	**60 H**	-	-	-	-	-	-	ND<0.25	**62**	**18**	**110**	**40**
	A4-W-[2]-5'	5	04/24/07	-	**4.2 HY**	**14 L**	-	-	-	-	-	-	ND<0.25	**57**	**12**	**110**	**37**
	A4-B-5'	5	04/17/07	-	**24 HY**	**140 H**	-	-	-	-	-	-	**0.27**	**58**	**61**	**120**	**69**
5	A5-N1-8'	8	04/25/07	-	ND<1.0	ND<5.0	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-N2-8'	8	04/25/07	-	**120 HY**	**420**	**440**	-	-	-	-	-	-	-	-	-	-
	A5-S1-10'	10	04/17/07	-	ND<1.0	-	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-S1-20'	20	04/17/07	-	ND<1.0	-	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-S2-10'	10	04/17/07	-	**6,500 HY**	-	**11,000**	-	-	-	-	-	-	-	-	-	-
	A5-S2-[2]-10'	10	04/25/07	-	**1,300 HY**	**1,300 L**	**2,500 L**	-	-	-	-	-	-	-	-	-	-
	A5-S2-3-10'	10	04/27/07	-	ND<0.99	-	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-S2-20'	20	04/17/07	-	**8.6 HY**	-	**15**	-	-	-	-	-	-	-	-	-	-
	A5-S3-10'	10	04/25/07	-	**3.7 HY**	ND<5.0	**7.2 LY**	-	-	-	-	-	-	-	-	-	-
	A5-S4-10'	10	04/25/07	-	**1,000 HY**	**1,400 L**	**2,200L**	-	-	-	-	-	-	-	-	-	-
	A5-S4-2-10'	10	04/27/07	-	ND<1.0	-	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-E-10'	10	04/25/07	-	ND<0.99	ND<5.0	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-W-8'	8	04/25/07	-	ND<0.99	ND<5.0	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-E-20'	20	09/07/07	-	**3.4 HY**	-	**11**	-	-	-	-	-	-	-	-	-	-
	A5-W-20'	20	09/07/07	-	**18 HY**	-	**58**	-	-	-	-	-	-	-	-	-	-
	A5-BE-30'	30	09/25/07	-	**2.0 HY**	-	**9.0**	-	-	-	-	-	-	-	-	-	-
	A5-BC-30'	30	09/25/07	-	ND<1.0	-	ND<5.0	-	-	-	-	-	-	-	-	-	-
	A5-BW-30'	30	09/25/07	-	**4.5 HY**	-	**19**	-	-	-	-	-	-	-	-	-	-

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Soil Excavation Area	Sample ID	Depth (ft bgs)	Sample Date	Petroleum Hydrocarbons EPA Method 8015M (mg/kg)				Volatile Organic Compounds EPA Method 8260B (mg/kg)					LUFT Metals EPA Method 6010B (mg/kg)				
				TPHg	TPHd	TPHmo	TPHhf	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	Cadmium	Chromium	Lead	Nickel	Zinc
6	A6-N-5'	5	04/17/07	-	-	-	-	-	-	-	-	-	**0.69**	**45**	**310**	**65**	**310**
	A6-N-[2]-5'	5	04/24/07	-	-	-	-	-	-	-	-	-	ND<0.25	**41**	**24**	**84**	**66**
	A6-S-5'	5	04/17/07	-	-	-	-	-	-	-	-	-	ND<0.25	**44**	**11**	**87**	**66**
	A6-E-5'	5	04/17/07	-	-	-	-	-	-	-	-	-	ND<0.25	**28**	**5.6**	**34**	**23**
	A6-W-5'	5	04/17/07	-	-	-	-	-	-	-	-	-	**0.36**	**44**	**140**	**73**	**180**
	A6-N-10'	10	04/17/07	-	-	-	-	-	-	-	-	-	ND<0.25	**47**	**9.7**	**57**	**35**
	A6-S-10'	10	04/17/07	-	-	-	-	-	-	-	-	-	ND<0.25	**33**	**12.0**	**47**	**35**
	A6-E-10'	10	04/17/07	-	-	-	-	-	-	-	-	-	ND<0.25	**41**	**17**	**47**	**37**
	A6-W-10'	10	04/17/07	-	-	-	-	-	-	-	-	-	ND<0.25	**53**	**5.4**	**97**	**40**
	A6-B-10'	10	04/24/07	-	-	-	-	-	-	-	-	-	ND<0.25	**42**	**4.7**	**53**	**18**
7	AREA 7-WW	5	06/07/07	ND<1.1	ND<0.99	ND<5.0	-	-	-	-	-	-	-	-	-	-	-
	AREA 7-NW	5	06/07/07	ND<1.0	**1.7 HY**	**12 Y**	-	-	-	-	-	-	-	-	-	-	-
	AREA 7-SW	5	06/07/07	ND<0.94	**5.1 HY**	**20**	-	-	-	-	-	-	-	-	-	-	-
	AREA 7-EW	5	06/07/07	ND<1.0	ND<1.0	ND<5.0	-	-	-	-	-	-	-	-	-	-	-
			Residential (<3m)	**100**	**100**	**500**	**500**	**0.044**	**2.9**	**3.3**	**2.3**	**0.5**	**1.7**	**58**	**150**	**150**	**600**
	ESL[1]		**Residential (>3m)**	**100** Gasolines	**100** Middle distillates	**1,000** Residual fuels	**1,000** Residual fuels	**0.044**	**2.9**	**3.3**	**2.3**	**0.5**	**38**	**58**	**750**	**1,000**	**2,500**
								Background Metals Concentrations[2]					**0.05 - 1.7**	**23 - 1,579**	**12.4 - 97.1**	**9 - 509**	**88 - 236**

Notes:

1 Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB) for exposure to subsurface soils in a residential setting, where groundwater is a current or potential source of drinking water (SF Bay RWQCB, Interim Final, February 2005, Summary Tables A-1 and C-1).

2 Source: *Background Concentrations of Trace and Major Elements in California Soils*, Kearney Foundation of Soil Science, March 1996.

--- Not analyzed.

Bold Indicates analyte was detected at or above laboratory reporting limit.

Indicates concentration exceeds the residential ESL for that analyte.

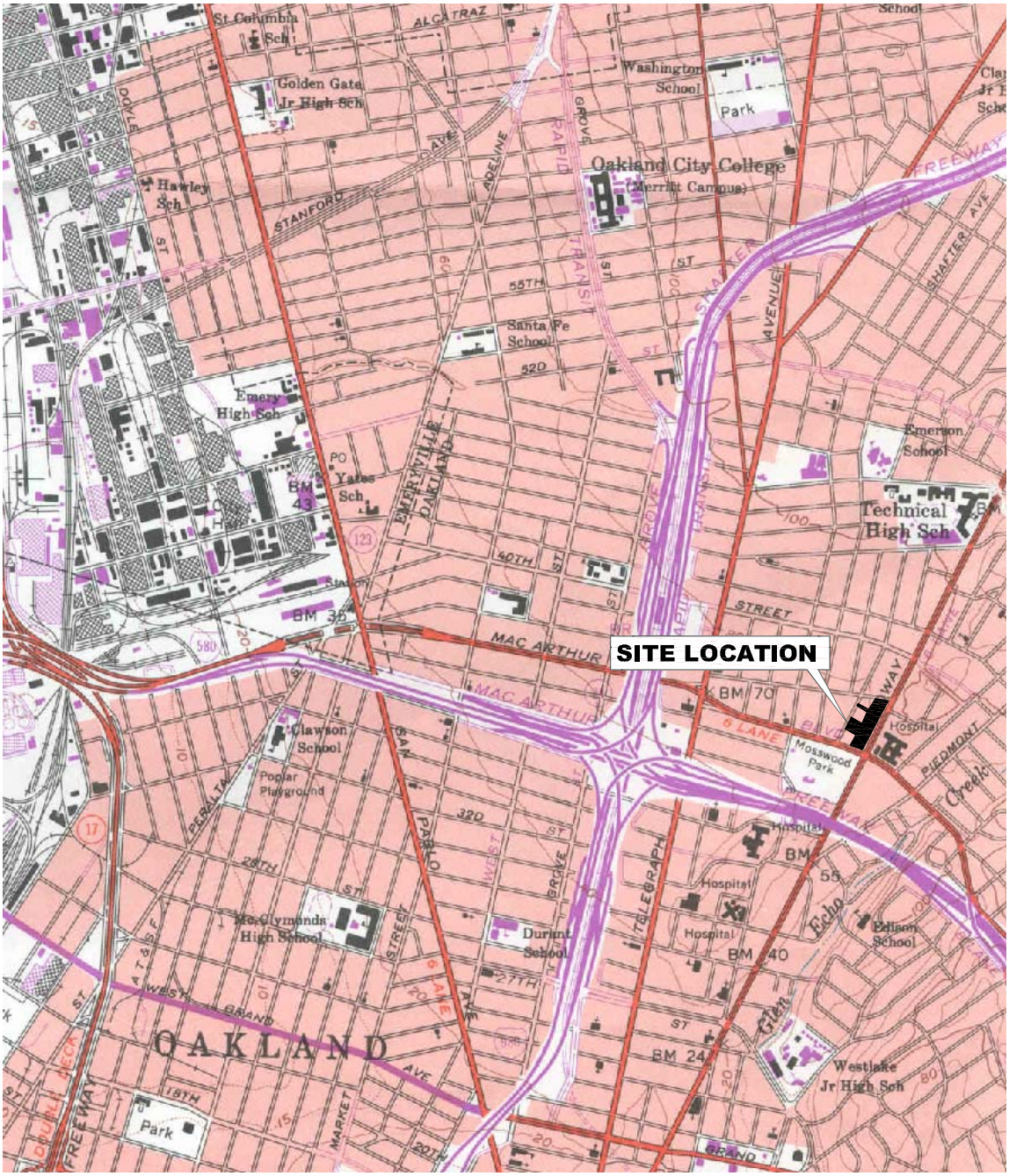
Indicates sample location was later excavated due to analytical result(s) higher than the residential ESL.

Abbreviations:

TPHg	Total petroleum hydrocarbons as gasoline.
TPHd	Total petroleum hydrocarbons as diesel.
TPHmo	Total petroleum hydrocarbons as motor oil.
TPHhf	Total petroleum hydrocarbons as hydraulic fluid.
MTBE	Methyl tert butyl ether
mg/kg	milligrams per kilogram (parts per million)
ND<x.xx	Indicates analyte not detected at or above the specified laboratory reporting limit.
-	Not analyzed
H	Heavier hydrocarbons contributed to quantitation
Y	Sample exhibits chromatographic pattern which does not resemble standard
L	Lighter hydrocarbons contributed to quantitation
ft bgs	feet below ground surface

FIGURES

Soil Management Implementation Report
3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
June 11, 2008



CALIFORNIA

1 1/2 0 1

SCALE IN MILE

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

REFERENCE: Scanned USGS oakland West Quadrangle
7.5 Minute Series, Topographic
california - Photorevised 1980

SECOR
57 Lafayette Circle, 2nd Floor
Lafayette, California
Phone (925) 299-9300/299-9302 FAX

FOR:
KAISER FOUNDATION HEALTH PLAN, INC.

3701-3799 BROADWAY
Oakland, California

SITE LOCATION MAP

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.01	RRR	GH	GH	06/10/08

LEGEND:

- SB-1 — SECOR SOIL BORING LOCATION (FEB. 04 or JAN. 06)
- CHEVRON MONITORING WELL
- SB-64 — SECOR SOIL AND GROUNDWATER SAMPLING LOCATION (SEPTEMBER 2006)
- ABANDONED WELL
- APPROXIMATE FORMER UST, PUMP ISLAND TANK PIT LOCATIONS
- PROPERTY BOUNDARIES
- UNDERGROUND ELECTRICAL LINE
- LOCATION OF FORMER UNDERGROUND PRODUCT LINE
- APPROXIMATE MOB BUILDING FOOTPRINT
- APPROXIMATE PARKING STRUCTURE FOOTPRINT

MANILA AVENUE (FORMERLY DIAMOND STREET) (60' WIDE)

MANILA AV

W MACARTHUR BLVD

MAC ARTHUR BOULEVARD (110' WIDE)

38TH ST

38TH STREET (80' WIDE)

FACE OF CURB

BLOCK WALL @ SOUTHERLY FACE, IN 2.5'

LANDS OF YU DOC NO 93358327 PORTION OF LOT 21 & 22

LANDS OF KAISER DOC NO 2004397688 PARCEL D

VARIOUS DOCUMENTS DESCRIBE MATTERS RELATING TO MANDATORY REQUIREMENTS OF THE UNREINFORCED MASONRY HAZARD MITIGATION ORDINANCE

LANDS OF KAISER DOC NO 2004397688, PARCEL B (LOT 20 AND PORTION OF LOT 19)

LANDS OF KAISER DOC NO 2004397688 PARCEL A (PORTION OF LOT 19)

C/L 10' WIDE EASEMENT FOR PUBLIC CONDUIT FOR BENEFIT OF CITY OF OAKLAND, 7690 OR 206

LANDS OF PATEL DOC NO 200121925 PORTION OF LOT 21 & 22

EASEMENT FOR PUBLIC CONDUIT FOR BENEFIT OF CITY OF OAKLAND, 7700 OR 25

LANDS OF TURCHIN DOC NO 93029376 PORTION OF LOT 17 & 18

LANDS OF PANGBURN DOC NO 2002416626 PORTION OF LOT 17

LANDS OF PAVLOV DOC NO 98107647 PORTION OF LOT 16

LANDS OF LAM DOC NO 98418498 PORTION OF LOT 15 & 16

LANDS OF COOKE DOC NO 2002327209 PORTION OF LOT 15

LANDS OF GARDNER DOC NO 97173931 PORTION OF LOT 14

LANDS OF BLOOM DOC NO 94317685 PORTION OF LOT 13 & 14

APPROXIMATE C/L OF 4'-6" X 5'-9" CONCRETE CULVERT STORM LINE AS SHOWN ON CITY OF OAKLAND UTILITY MAP

FOUND INVERT OF 69" RCP STORM DRAIN OUTLET, CONTINUES NORTH UNDERGROUND

WATER COURSE PER 3 MAPS 20, NO WIDTH SPECIFIED, LOCATION APPROXIMATE.

APPROXIMATE LOCATION OF FORMER WASTE OIL UST

FORMER TANK PIT

FORMER PUMP ISLANDS

FORMER UST

APPROXIMATE C/L OF 60" RCP STORM LINE AS SHOWN ON CITY OF OAKLAND UTILITY MAP

10' CONDUIT RIGHT-OF-WAY EASEMENT, 8333 OR 259

PUBLIC CONDUIT FOR BENEFIT OF CITY OF OAKLAND, 7721 OR 303, NOT IN TITLE, SAME AS 7682 OR 303 WHICH IS IN REPORT.

FOUND INV OF 69" RCP STORM DRAIN INLET, SB-44 SOUTH

3735-3757 BROADWAY (FORMER HONDA DEALERSHIP)

LANDS OF KAISER DOC NO 2004397688 PARCEL ONE (PORTION OF LOT 1 & LOT 2)

LANDS OF KAISER DOC NO 2004397688 PARCEL TWO (LOT 3)

LANDS OF KAISER DOC NO 2004397688 PARCEL C (LOTS 4 & 5)

LANDS OF KAISER DOC NO 2004397688 PARCEL C (LOTS 4 & 5)

LANDS OF KAISER DOC NO 2004397687 PARCEL THREE (LOT 6)

LANDS OF KAISER DOC NO 2004397687 PARCEL TWO (LOT 6)

LANDS OF KAISER DOC NO 2004397687 PARCEL THREE (LOT 7)

AREA = 2.85± ACRES

INGRESS & EGRESS EASEMENT FOR BENEFIT OF LOT 6, 3 M 20, DOC NO 87274764.

3 MAPS 20

BLDG FOR 0.2' SOUTHERLY

LANDS OF APPLIED RESEARCH CENTER DOC NO 98186299 LOT 8

3781 BROADWAY (FORMER APPLIED RESEARCH OFFICE BUILDING)

APPROXIMATE LOCATION OF FORMER WASTE OIL UST

LANDS OF BFS RETAIL DOC NO 2002197335 AND A PORTION OF LOTS 13 AND 14

FENCE APPEARS TO BE ONLINE OR NEAR P/L IN AERIAL

LANDS OF BROADWAY VETERINARY ASS. DOC NO 89-324256 LOT 11

LANDS OF ROSEL DOC NO 97123501 LOT 1

3799 BROADWAY (MIDAS)

3785 BROADWAY (FIRESTONE)

3793 BROADWAY (FORMER BROADWAY PET HOTEL)

SUMP

OFFICE

3701 BROADWAY | 3735-3757 BROADWAY | 3781 BROADWAY | 3785 BROADWAY | 3793 BROADWAY | 3799 BROADWAY

BROADWAY

BROADWAY (100' WIDE)

W MACARTHUR BLVD

STEPS

RAMP

0 30 60

APPROXIMATE SCALE IN FEET

REFERENCE: Base Map Provided by:
BKF Engineers/Surveyors/Planners
Received by email November 2005

SECOR
57 Lafayette Circle, 2nd Floor
Lafayette, CA
PHONE:(925) 299-9300 FAX:(925) 299-9302

FOR:		FIGURE:
KAISER PERMANENTE 3701-3799 BROADWAY OAKLAND, CA	SITE PLAN	2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.01	RRR	GH/ND	GH	06/28/06

FILEPATH:Q:\CADD-05\KAISER\Oakland\3700 Broadway Block Excav and Dewatering Plan\Draft-Report_DWGs\Kaiser - Oakland - 3700 BROADWAY Block - Figure 2 - SP.dwg|troggasch|Jun 10, 2008 at 10:57|Layout: Figure 2

LEGEND:

- A5-E-10' — SECOR SOIL SAMPLE LOCATION
- SB-1 — SECOR SOIL BORING LOCATION (FEB. 04 or JAN. 06)
- MW-B — CHEVRON MONITORING WELL
- SB-64 — SECOR SOIL AND GROUNDWATER SAMPLING LOCATION (SEPTEMBER 2006)
- ABANDONED WELL
- APPROXIMATE FORMER UST, PUMP ISLAND TANK PIT LOCATIONS
- PROPERTY BOUNDARIES
- UNDERGROUND ELECTRICAL LINE
- LOCATION OF FORMER UNDERGROUND PRODUCT LINE
- SOIL EXCAVATED BY KAISER
- SOIL PREVIOUSLY EXCAVATED BY CHEVRON
- APPROXIMATE MOB BUILDING FOOTPRINT
- APPROXIMATE PARKING STRUCTURE FOOTPRINT

SOIL AREA 1
SOIL AREA 2
SOIL AREA 3
SOIL AREA 4
SOIL AREA 5
SOIL AREA 6
SOIL AREA 7

MANILA AVENUE (FORMERLY DIAMOND STREET) (60' WIDE)
MANILA AV
W MACARTHUR BLVD
MAC ARTHUR BOULEVARD (110' WIDE)
38TH ST
38TH STREET (80' WIDE)
BROADWAY
BROADWAY (100' WIDE)
3701 BROADWAY
3735-3757 BROADWAY
3781 BROADWAY
3785 BROADWAY
3793 BROADWAY
3799 BROADWAY

3735-3757 BROADWAY (FORMER HONDA DEALERSHIP)
3781 BROADWAY (FORMER APPLIED RESEARCH OFFICE BUILDING)
3785 BROADWAY (FIRESTONE)
3793 BROADWAY (FORMER BROADWAY PET HOTEL)
3799 BROADWAY (MIDAS)

APPROXIMATE LOCATION OF FORMER WASTE OIL UST
FORMER TANK PIT
FORMER PUMP ISLANDS
FORMER UST
TB-1FT,3FT AND 6FT
AREA-7-WW
AREA-7-SW
AREA-7-NW
AREA-7-EW
AREA = 2.85± ACRES

REFERENCE: Base Map Provided by:
BKF Engineers/Surveyors/Planners
Received by email November 2005

0 30 60
APPROXIMATE SCALE IN FEET

SECOR
57 Lafayette Circle, 2nd Floor
Lafayette, CA
PHONE:(925) 299-9300 FAX:(925) 299-9302

FOR:		FIGURE:
KAISER PERMANENTE 3701-3799 BROADWAY OAKLAND, CA	EXCAVATION AND SAMPLING AREAS	3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.01	RRR	GH/KC	GH	05/20/08

FILEPATH:Q:\CADD-05\KAISER\Oakland\3700 Broadway Block Excav and Dewatering Plan\Draft-Report_DWGs\Kaiser - Oakland - 3700 BROADWAY Block - Figure_3.dwg|rroggasch|Jun 10, 2008 at 10:56|Layout: Figure 3

SOIL AREA 1

A1-1-15'

Analyte	Units (mg/kg)
TPHg	4.9 H
TPHd	97 HLY
TPHmo	350 HL
Benzene	ND<0.0047
Toluene	0.008
Ethylbenzene	0.011
Xylenes	0.072
MTBE	ND<0.0047
Cadmium	ND<0.26
Chromium	43
Lead	18
Nickel	71
Zinc	48

A1-9-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	100 HLY
TPHmo	400 HLY
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	ND<0.0049
Xylenes	ND<0.0049
MTBE	ND<0.0049
Cadmium	ND<0.25
Chromium	27
Lead	2.9
Nickel	54
Zinc	30

A1-17-15'

Analyte	Units (mg/kg)
TPHg	11 H
TPHd	830 HLY
TPHmo	2,900 HL
Benzene	ND<0.0051
Toluene	ND<0.0051
Ethylbenzene	ND<0.0051
Xylenes	0.0083
MTBE	ND<0.0051
Cadmium	ND<0.25
Chromium	55
Lead	29
Nickel	72
Zinc	56

A1-25-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	120 HY
TPHmo	390 HL
Benzene	ND<0.0051
Toluene	ND<0.0051
Ethylbenzene	ND<0.0051
Xylenes	ND<0.0051
MTBE	ND<0.0051
Cadmium	ND<0.26
Chromium	53
Lead	3.9
Nickel	60
Zinc	56

A1-33-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	23 HY
TPHmo	110 H
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	ND<0.0049
Xylenes	ND<0.0049
MTBE	ND<0.0049
Cadmium	0.32
Chromium	49
Lead	14
Nickel	120
Zinc	55

A1-2-15'

Analyte	Units (mg/kg)
TPHg	8.3 H
TPHd	84 HLY
TPHmo	280 HL
Benzene	ND<0.0046
Toluene	0.0092
Ethylbenzene	0.017
Xylenes	0.123
MTBE	ND<0.0046
Cadmium	ND<0.25
Chromium	36
Lead	11
Nickel	66
Zinc	45

A1-10-15'

Analyte	Units (mg/kg)
TPHg	15 H
TPHd	130 HLY
TPHmo	480 HL
Benzene	ND<0.0049
Toluene	0.037
Ethylbenzene	0.043
Xylenes	0.551
MTBE	ND<0.0049
Cadmium	ND<0.25
Chromium	40
Lead	12
Nickel	62
Zinc	49

A1-18-15'

Analyte	Units (mg/kg)
TPHg	1.9 H
TPHd	220 HLY
TPHmo	800 HL
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	ND<0.0049
Xylenes	ND<0.0049
MTBE	ND<0.0049
Cadmium	ND<0.25
Chromium	51
Lead	21
Nickel	71
Zinc	55

A1-26-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	36 HLY
TPHmo	51 L
Benzene	ND<0.0051
Toluene	ND<0.0051
Ethylbenzene	ND<0.0051
Xylenes	ND<0.0051
MTBE	ND<0.0051
Cadmium	ND<0.25
Chromium	46
Lead	4.6
Nickel	140
Zinc	44

A1-34-15'

Analyte	Units (mg/kg)
TPHg	ND<0.96
TPHd	59 HY
TPHmo	220 H
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	ND<0.0049
Xylenes	ND<0.0049
MTBE	ND<0.0049
Cadmium	ND<0.25
Chromium	49
Lead	5
Nickel	71
Zinc	55

A1-3-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	24 HLY
TPHmo	69 HL
Benzene	ND<0.005
Toluene	ND<0.005
Ethylbenzene	ND<0.005
Xylenes	ND<0.005
MTBE	ND<0.005
Cadmium	ND<0.26
Chromium	35
Lead	11
Nickel	60
Zinc	38

A1-11-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	92 HLY
TPHmo	340 HL
Benzene	ND<0.0048
Toluene	ND<0.0048
Ethylbenzene	ND<0.0048
Xylenes	ND<0.0048
MTBE	ND<0.0048
Cadmium	ND<0.25
Chromium	43
Lead	25
Nickel	72
Zinc	71

A1-19-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	140 HY
TPHmo	570 HL
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	ND<0.0049
Xylenes	ND<0.0049
MTBE	ND<0.0049
Cadmium	ND<0.25
Chromium	40
Lead	21
Nickel	89
Zinc	54

A1-27-15'

Analyte	Units (mg/kg)
TPHg	7.5 HY
TPHd	29 HLY
TPHmo	65 HL
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	ND<0.0049
Xylenes	0.0054
MTBE	ND<0.0049
Cadmium	ND<0.25
Chromium	46
Lead	6.1
Nickel	66
Zinc	51

A1-35-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	23 HLY
TPHmo	100 HL
Benzene	ND<0.0047
Toluene	ND<0.0047
Ethylbenzene	ND<0.0047
Xylenes	ND<0.0047
MTBE	ND<0.0047
Cadmium	ND<0.25
Chromium	38
Lead	11
Nickel	59
Zinc	45

A1-4-15'

Analyte	Units (mg/kg)
TPHg	4.1 H
TPHd	76 HLY
TPHmo	250 HL
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	0.014
Xylenes	0.0081
MTBE	ND<0.0049
Cadmium	ND<0.27
Chromium	32
Lead	13
Nickel	56
Zinc	39

A1-12-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	48 HLY
TPHmo	190 HL
Benzene	ND<0.0046
Toluene	ND<0.0046
Ethylbenzene	ND<0.0046
Xylenes	0.013
MTBE	ND<0.0046
Cadmium	ND<0.25
Chromium	34
Lead	6.8
Nickel	57
Zinc	35

A1-20-15'

Analyte	Units (mg/kg)
TPHg	1.7 HY
TPHd	24 HLY
TPHmo	23 HL
Benzene	ND<0.005
Toluene	ND<0.005
Ethylbenzene	ND<0.005
Xylenes	ND<0.005
MTBE	ND<0.005
Cadmium	ND<0.27
Chromium	43
Lead	6.4
Nickel	65
Zinc	49

A1-28-15'

Analyte	Units (mg/kg)
TPHg	5.5 HY
TPHd	31 HLY
TPHmo	40 HL
Benzene	ND<0.005
Toluene	ND<0.005
Ethylbenzene	ND<0.005
Xylenes	ND<0.005
MTBE	ND<0.005
Cadmium	ND<0.25
Chromium	47
Lead	7.9
Nickel	67
Zinc	50

A1-36-15'

Analyte	Units (mg/kg)
TPHg	ND<1.0
TPHd	ND<0.99
TPHmo	ND<5.0
Benzene	ND<0.0047
Toluene	ND<0.0047
Ethylbenzene	ND<0.0047
Xylenes	ND<0.0047
MTBE	ND<0.0047
Cadmium	0.27
Chromium	40
Lead	10
Nickel	91
Zinc	54

A1-5-15'

Analyte	Units (mg/kg)
TPHg	6.1 H
TPHd	24 HLY
TPHmo	20 HL
Benzene	ND<0.005
Toluene	0.0087
Ethylbenzene	0.014
Xylenes	0.09
MTBE	ND<0.005
Cadmium	0.31
Chromium	43
Lead	8.8
Nickel	76
Zinc	52

A1-13-15'

Analyte	Units (mg/kg)
TPHg	2.8 H
TPHd	55 HLY
TPHmo	170 HL
Benzene	ND<0.0047
Toluene	ND<0.0047
Ethylbenzene	ND<0.0047
Xylenes	0.013
MTBE	ND<0.0047
Cadmium	ND<0.25
Chromium	36
Lead	13
Nickel	62
Zinc	46

A1-21-15'

Analyte	Units (mg/kg)
TPHg	6.9 H
TPHd	12 HLY
TPHmo	25 HL
Benzene	ND<0.005
Toluene	ND<0.005
Ethylbenzene	ND<0.005
Xylenes	0.00068
MTBE	ND<0.005
Cadmium	ND<0.25
Chromium	48
Lead	11
Nickel	81
Zinc	58

A1-29-15'

Analyte	Units (mg/kg)
TPHg	11 HY
TPHd	19 HLY
TPHmo	8.1 L
Benzene	ND<0.13
Toluene	ND<0.13
Ethylbenzene	ND<0.13
Xylenes	ND<0.13
MTBE	ND<0.13
Cadmium	ND<0.25
Chromium	48
Lead	4
Nickel	63
Zinc	56

A1-37-15'

Analyte	Units (mg/kg)
TPHg	130 H
TPHd	51 HLY
TPHmo	14 HL
Benzene	ND<0.025
Toluene	ND<0.025
Ethylbenzene	ND<0.025
Xylenes	ND<0.025
MTBE	ND<0.025
Cadmium	0.31
Chromium	40
Lead	9.3
Nickel	80
Zinc	49

A1-6-15'

Analyte	Units (mg/kg)
TPHg	100 H
TPHd	27 HLY
TPHmo	ND<5.0
Benzene	ND<0.13
Toluene	0.2
Ethylbenzene	0.32
Xylenes	1.73
MTBE	ND<0.13
Cadmium	0.33
Chromium	35
Lead	19
Nickel	74
Zinc	46

A1-14-15'

Analyte	Units (mg/kg)
TPHg	190 H
TPHd	92 HLY
TPHmo	21 L
Benzene	ND<0.31
Toluene	ND<0.31
Ethylbenzene	1.2
Xylenes	6.2
MTBE	ND<0.31
Cadmium	ND<0.25
Chromium	38
Lead	6.7
Nickel	69
Zinc	45

A1-22-15'

Analyte	Units (mg/kg)
TPHg	180 H
TPHd	85 HLY
TPHmo	10
Benzene	ND<0.13
Toluene	ND<0.13
Ethylbenzene	1.1
Xylenes	1.7
MTBE	ND<0.13
Cadmium	0.34
Chromium	46
Lead	4.7
Nickel	76
Zinc	54

A1-30-15'

Analyte	Units (mg/kg)
TPHg	4.1 HY
TPHd	14 HLY
TPHmo	13 HL
Benzene	ND<0.0049
Toluene	ND<0.0049
Ethylbenzene	ND<0.0049
Xylenes	ND<0.0049
MTBE	ND<0.0049
Cadmium	ND<0.25
Chromium	48
Lead	10
Nickel	74
Zinc	53

A1-38-15'

Analyte	Units (mg/kg)
TPHg	6.7 HY
TPHd	20 HLY
TPHmo	6.9 L
Benzene	ND<0.025
Toluene	ND<0.025
Ethylbenzene	ND<0.025
Xylenes	ND<0.025
MTBE	ND<0.025
Cadmium	ND<0.25
Chromium	37
Lead	5.4
Nickel	47
Zinc	41

A1-7-15'

Analyte	Units (mg/kg)
TPHg	490 H
TPHd	95 HLY
TPHmo	13 L
Benzene	ND<0.83
Toluene	1.8
Ethylbenzene	3.0
Xylenes	17.0
MTBE	ND<0.83
Cadmium	ND<0.26
Chromium	39
Lead	5.2
Nickel	62
Zinc	45

A1-15-15'

Analyte	Units (mg/kg)
TPHg	580 H
TPHd	170 HLY
TPHmo	7.3 L
Benzene	3.1
Toluene	13.0
Ethylbenzene	12.0
Xylenes	58.0
MTBE	ND<1.3
Cadmium	0.27
Chromium	38
Lead	10
Nickel	78
Zinc	45

A1-23-15'

Analyte	Units (mg/kg)
TPHg	69 H
TPHd	56 HLY
TPHmo	23 HL
Benzene	ND<0.36
Toluene	0.67
Ethylbenzene	1.6
Xylenes	8.0
MTBE	ND<0.36
Cadmium	ND<0.26
Chromium	46
Lead	7
Nickel	66
Zinc	51

A1-31-15'

Analyte	Units (mg/kg)
TPHg	1.2 HY
TPHd	7.8 HLY
TPHmo	7.6 HL
Benzene	ND<0.005
Toluene	ND<0.005
Ethylbenzene	ND<0.005
Xylenes	0.011
MTBE	ND<0.005
Cadmium	ND<0.25
Chromium	43
Lead	6.2
Nickel	71
Zinc	48

A1-39-15'

Analyte	Units (mg/kg)
TPHg	200 H
TPHd	43 HLY
TPHmo	11 L
Benzene	ND<0.25
Toluene	ND<0.25
Ethylbenzene	ND<0.25
Xylenes	3.4
MTBE	ND<0.25
Cadmium	ND<0.25
Chromium	37
Lead	13
Nickel	66
Zinc	41

A1-8-15'

Analyte	Units (mg/kg)
TPHg	3,600 H
TPHd	520 HLY
TPHmo	13 L
Benzene	ND<6.3
Toluene	99.0
Ethylbenzene	49.0
Xylenes	277.0
MTBE	ND<6.3
Cadmium	ND<0.25
Chromium	32
Lead	4.4
Nickel	46
Zinc	38

A1-16-15'

Analyte	Units (mg/kg)
TPHg	880
TPHd	160 HLY
TPHmo	ND<5.0
Benzene	ND<3.1
Toluene	40.0
Ethylbenzene	17.0
Xylenes	110.0
MTBE	ND<3.1
Cadmium	ND<0.25
Chromium	34
Lead	19
Nickel	64
Zinc	39

A1-24-15'

Analyte	Units (mg/kg)
TPHg	220 H
TPHd	100 LY
TPHmo	ND<5.0
Benzene	ND<1.7
Toluene	9.8
Ethylbenzene	4.8
Xylenes	22.9
MTBE	ND<1.7
Cadmium	ND<0.25
Chromium	40
Lead	3.7
Nickel	48
Zinc	47

A1-32-15'

Analyte	Units (mg/kg)
TPHg	23 H
TPHd	16 LY
TPHmo	ND<5.0
Benzene	ND<0.025
Toluene	ND<0.025
Ethylbenzene	0.13
Xylenes	0.55
MTBE	ND<0.025
Cadmium	ND<0.27
Chromium	38
Lead	2
Nickel	55
Zinc	41

A1-40-15'

Analyte	Units (mg/kg)
TPHg	5.6 H
TPHd	12 LY
TPHmo	ND<5.0
Benzene	ND<0.13
Toluene	ND<0.13
Ethylbenzene	0.34
Xylenes	1.2
MTBE	ND<0.13
Cadmium	0.35
Chromium	33
Lead	1.8
Nickel	53
Zinc	40

LANDS OF KAISER DOC NO 2004397688 PARCEL TWO (LOT 3)

LANDS OF KAISER DOC NO 2004397688 PARCEL ONE (LOT 1 & LOT 2)

3701 BROADWAY

3735-3757 BROADWAY (FORMER HONDA DEALERSHIP)

FORMER UST

SB-23 SB-24 SB-25 SB-28 SB-13 SB-40 SB-29 SB-18 SB-17 SB-15 SB-20 SB-19 SB-41 SB-46 SB-4 SB-5 SB-6

LEGEND:

- A1-1-15' — SECOR SOIL SAMPLE LOCATION
- SB-46 — SECOR SOIL BORING LOCATION (FEB. 04 or JAN. 06)
- MW-8 — CHEVRON MONITORING WELL
- APPROXIMATE FORMER UST, PUMP ISLAND TANK PIT LOCATIONS
- PROPERTY BOUNDARIES
- SOIL EXCAVATED BY KAISER
- SOIL PREVIOUSLY EXCAVATED BY CHEVRON
- APPROXIMATE MOB BUILDING FOOTPRINT

NOTES:

TPHg	= Total Petroleum Hydrocarbons as Gasoline
TPHd	= Total Petroleum Hydrocarbons as Diesel
TPHmo	= Total Petroleum Hydrocarbons as Motor Oil
MTBE	= Methyl tert-butyl ether
(mg/kg)	= milligrams per kilogram
ND	= Analyte was not detected at a concentration above the stated laboratory reporting limit.
H	= Heavier hydrocarbons contributed to quantitation
L	= Lighter hydrocarbons contributed to quantitation
Y	= Sample exhibits chromatographic pattern which does not resemble standard

0 6 12

APPROXIMATE SCALE IN FEET

REFERENCE: Base Map Provided by:
RKF Engineers/Surveyors/Planners
Received by email November 2005

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Lafayette, CA
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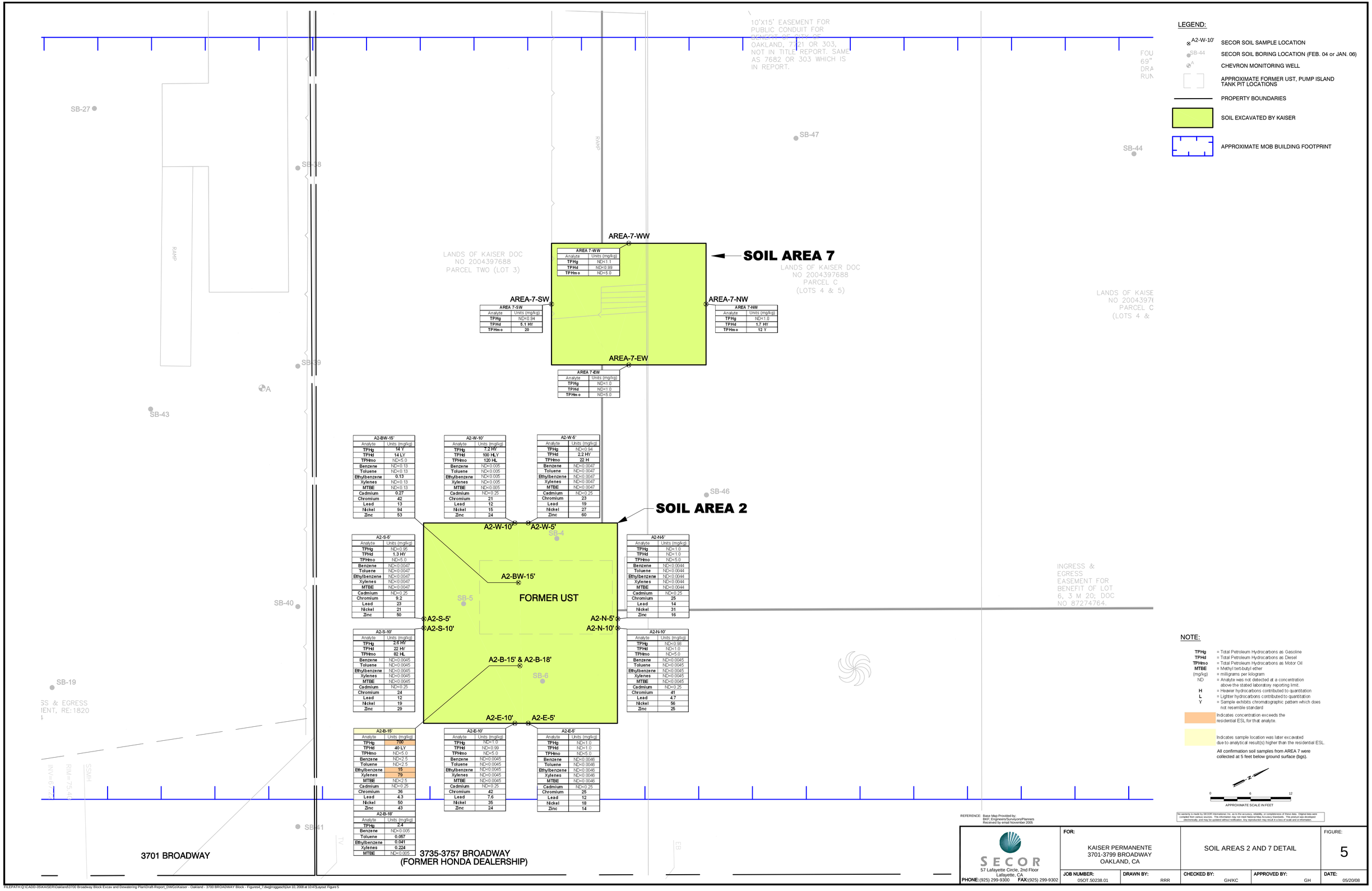
FOR:
KAISER PERMANENTE
3701-3799 BROADWAY
OAKLAND, CA

SOIL AREA 1 DETAIL

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
0SOT.50238.01	RRR	GH/KC	GH	05/20/08



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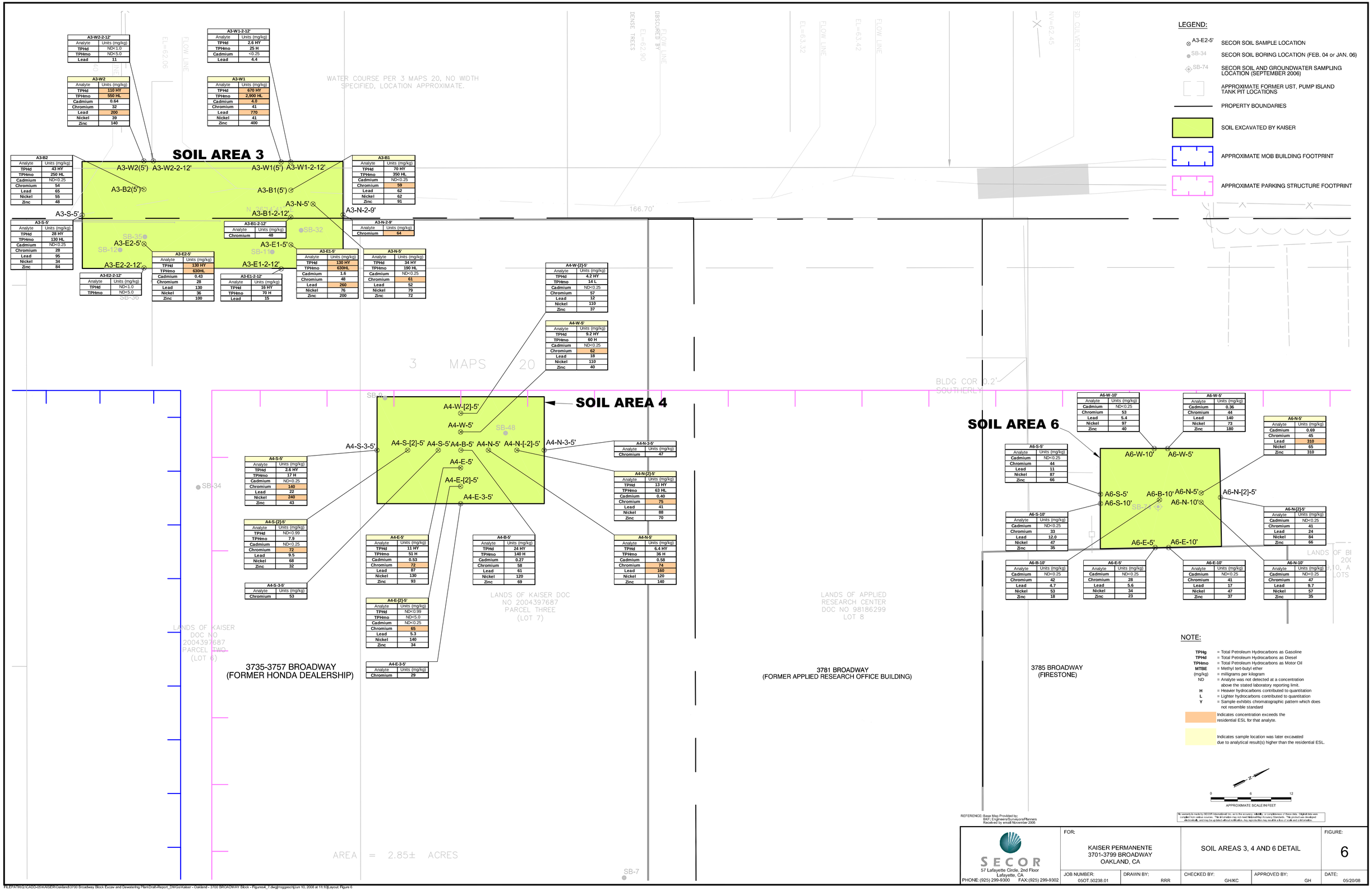
FOR:		FIGURE:
KAISER PERMANENTE 3701-3799 BROADWAY OAKLAND, CA	SOIL AREAS 2 AND 7 DETAIL	5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.01	RRR	GH/KC	GH	05/20/08

FILEPATH Q:\CADD-05\KAISER\Oakland\3700 Broadway Block Excav and Dewatering Plan\Draft-Report_DWGs\Kaiser - Oakland - 3700 BROADWAY Block - Figures\4_7.dwg|roggaschi|Jun 10, 2008 at 10:47|Layout: Figure 5



A3-W2-2-12'	
Analyte	Units (mg/kg)
TPHd	ND<1.0
TPHmo	ND<5.0
Lead	11

A3-W1-2-12'	
Analyte	Units (mg/kg)
TPHd	2.6 HY
TPHmo	25 H
Cadmium	<0.25
Lead	4.4

A3-W2	
Analyte	Units (mg/kg)
TPHd	110 HY
TPHmo	550 HL
Cadmium	0.64
Chromium	32
Lead	200
Nickel	39
Zinc	140

A3-W1	
Analyte	Units (mg/kg)
TPHd	670 HY
TPHmo	2,900 HL
Cadmium	4.0
Chromium	41
Lead	770
Nickel	41
Zinc	400

A3-B2	
Analyte	Units (mg/kg)
TPHd	43 HY
TPHmo	250 HL
Cadmium	ND<0.25
Chromium	54
Lead	65
Nickel	55
Zinc	48

A3-B1	
Analyte	Units (mg/kg)
TPHd	70 HY
TPHmo	350 HL
Cadmium	ND<0.25
Chromium	59
Lead	62
Nickel	62
Zinc	91

A3-S-5'	
Analyte	Units (mg/kg)
TPHd	28 HY
TPHmo	130 HL
Cadmium	ND<0.25
Chromium	28
Lead	95
Nickel	34
Zinc	84

A3-B1-2-12'	
Analyte	Units (mg/kg)
Chromium	48

A3-N-2-9'	
Analyte	Units (mg/kg)
Chromium	64

A3-E2-5'	
Analyte	Units (mg/kg)
TPHd	130 HY
TPHmo	630HL
Cadmium	0.43
Chromium	28
Lead	130
Nickel	36
Zinc	100

A3-E1-5'	
Analyte	Units (mg/kg)
TPHd	130 HY
TPHmo	630HL
Cadmium	1.6
Chromium	48
Lead	260
Nickel	76
Zinc	200

A3-N-5'	
Analyte	Units (mg/kg)
TPHd	34 HY
TPHmo	190 HL
Cadmium	ND<0.25
Chromium	61
Lead	52
Nickel	79
Zinc	72

A3-E2-2-12'	
Analyte	Units (mg/kg)
TPHd	ND<1.0
TPHmo	ND<5.0

A3-E1-2-12'	
Analyte	Units (mg/kg)
TPHd	16 HY
TPHmo	70 H
Lead	15

A4-W-[2]-5'	
Analyte	Units (mg/kg)
TPHd	4.2 HY
TPHmo	14 L
Cadmium	ND<0.25
Chromium	57
Lead	12
Nickel	110
Zinc	37

A4-W-5'	
Analyte	Units (mg/kg)
TPHd	9.2 HY
TPHmo	60 H
Cadmium	ND<0.25
Chromium	62
Lead	18
Nickel	110
Zinc	40

A4-S-5'	
Analyte	Units (mg/kg)
TPHd	2.6 HY
TPHmo	17 H
Cadmium	ND<0.25
Chromium	140
Lead	22
Nickel	240
Zinc	43

A4-N-3-5'	
Analyte	Units (mg/kg)
Chromium	47

A4-N-[2]-5'	
Analyte	Units (mg/kg)
TPHd	13 HY
TPHmo	63 HL
Cadmium	0.40
Chromium	75
Lead	41
Nickel	88
Zinc	70

A4-S-[2]-5'	
Analyte	Units (mg/kg)
TPHd	ND<0.99
TPHmo	7.9
Cadmium	ND<0.25
Chromium	72
Lead	9.5
Nickel	68
Zinc	32

A4-E-5'	
Analyte	Units (mg/kg)
TPHd	11 HY
TPHmo	51 H
Cadmium	0.53
Chromium	72
Lead	87
Nickel	130
Zinc	93

A4-B-5'	
Analyte	Units (mg/kg)
TPHd	24 HY
TPHmo	140 H
Cadmium	0.27
Chromium	58
Lead	61
Nickel	120
Zinc	69

A4-N-5'	
Analyte	Units (mg/kg)
TPHd	6.4 HY
TPHmo	36 H
Cadmium	0.58
Chromium	74
Lead	160
Nickel	120
Zinc	140

A4-S-3-5'	
Analyte	Units (mg/kg)
Chromium	53

A4-E-[2]-5'	
Analyte	Units (mg/kg)
TPHd	ND<0.99
TPHmo	ND<5.0
Cadmium	ND<0.25
Chromium	65
Lead	5.3
Nickel	140
Zinc	34

A4-E-3-5'	
Analyte	Units (mg/kg)
Chromium	29

A6-W-10'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	53
Lead	5.4
Nickel	97
Zinc	40

A6-W-5'	
Analyte	Units (mg/kg)
Cadmium	0.36
Chromium	44
Lead	140
Nickel	73
Zinc	180

A6-N-5'	
Analyte	Units (mg/kg)
Cadmium	0.69
Chromium	45
Lead	310
Nickel	65
Zinc	310

A6-S-5'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	44
Lead	11
Nickel	97
Zinc	66

A6-N-[2]-5'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	41
Lead	24
Nickel	84
Zinc	66

A6-S-10'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	33
Lead	12.0
Nickel	47
Zinc	35

A6-B-10'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	42
Lead	4.7
Nickel	53
Zinc	18

A6-E-5'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	28
Lead	5.6
Nickel	34
Zinc	23

A6-E-10'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	41
Lead	17
Nickel	47
Zinc	37

A6-N-10'	
Analyte	Units (mg/kg)
Cadmium	ND<0.25
Chromium	47
Lead	9.7
Nickel	57
Zinc	35

SOIL AREA 5

LEGEND:

- A5-E-10' — SECOR SOIL SAMPLE LOCATION
- SB-66 — SECOR SOIL BORING LOCATION (FEB. 04 or JAN. 06)
- SB-65 — SECOR SOIL AND GROUNDWATER SAMPLING LOCATION (SEPTEMBER 2006)
- APPROXIMATE FORMER UST, PUMP ISLAND TANK PIT LOCATIONS
- PROPERTY BOUNDARIES
- SOIL EXCAVATED BY KAISER
- APPROXIMATE PARKING STRUCTURE FOOTPRINT

FENCE APPEARS TO BE ONLINE OR NEAR P/L IN AERIAL

LANDS OF BROADWAY VETERINARY ASS. DOC NO 89-324256 LOT 11

LANDS OF MOSEL DOC NO 97023351 LOT 12

3793 BROADWAY (FORMER BROADWAY PET HOTEL)

3799 BROADWAY (MIDAS)

OFFICE

SD CULVERT 66"
RIM=78.79
INV IN=72.49-18"
INV IN=65.68-15"
INV THRU=63.94

18'SD

38TH ST

S 82°20'30" E

159.39'

PG&E

TV

SB-54 SB-55 SB-56 SB-58 SB-59 SB-60 SB-61 SB-62 SB-65 SB-66

A5-W-20'	
Analyte	Units (mg/kg)
TPHd	18 HY
TPHmo	-
TPHhf	58

A5-W-8'	
Analyte	Units (mg/kg)
TPHd	ND<0.99
TPHmo	ND<5.0
TPHhf	ND<5.0

A5-W-8' & A5-W-20'

A5-BW-30'	
Analyte	Units (mg/kg)
TPHd	4.5 HY
TPHmo	-
TPHhf	19

A5-BW-30'

A5-N1-8'	
Analyte	Units (mg/kg)
TPHd	ND<1.0
TPHmo	ND<5.0
TPHhf	ND<5.0

A5-N1-8'

A5-S1-10' & A5-S1-20'

A5-S1-10'	
Analyte	Units (mg/kg)
TPHd	ND<1.0
TPHmo	-
TPHhf	ND<5.0

A5-S1-20'	
Analyte	Units (mg/kg)
TPHd	ND<1.0
TPHmo	-
TPHhf	ND<5.0

A5-S4-2-10'	
Analyte	Units (mg/kg)
TPHd	ND<1.0
TPHmo	-
TPHhf	ND<5.0

A5-S4-2-10'

A5-S4-10'

A5-S4-10'	
Analyte	Units (mg/kg)
TPHd	1,000 HY
TPHmo	1,400 L
TPHhf	2,200L

A5-BC-30'	
Analyte	Units (mg/kg)
TPHd	ND<1.0
TPHmo	-
TPHhf	ND<5.0

A5-BC-30'

A5-N2-8'	
Analyte	Units (mg/kg)
TPHd	120 HY
TPHmo	420
TPHhf	440

A5-N2-8'

A5-S2-[2]-10'

A5-S2-3-10'

A5-S2-10' & A5-S2-20'

A5-S2-3-10'	
Analyte	Units (mg/kg)
TPHd	ND<0.99
TPHmo	-
TPHhf	ND<5.0

A5-S2-[2]-10'	
Analyte	Units (mg/kg)
TPHd	1,300 HY
TPHmo	1,300 L
TPHhf	2,500 L

A5-S2-10'	
Analyte	Units (mg/kg)
TPHd	6,500 HY
TPHmo	-
TPHhf	11,000

A5-S2-20'	
Analyte	Units (mg/kg)
TPHd	8.6 HY
TPHmo	-
TPHhf	15

A5-S3-10'

A5-S3-10'	
Analyte	Units (mg/kg)
TPHd	3.7 HY
TPHmo	ND<5.0
TPHhf	7.2 LY

A5-BE-30'	
Analyte	Units (mg/kg)
TPHd	2.0 HY
TPHmo	-
TPHhf	9.0

A5-BE-30'

A5-E-10' & A5-E-20'

A5-E-10'	
Analyte	Units (mg/kg)
TPHd	ND<0.99
TPHmo	ND<5.0
TPHhf	ND<5.0

A5-E-20'	
Analyte	Units (mg/kg)
TPHd	3.4 HY
TPHmo	-
TPHhf	11

NOTE:

TPHd	= Total Petroleum Hydrocarbons as Diesel
TPHmo	= Total Petroleum Hydrocarbons as Motor Oil
TPHhf	= Total Petroleum Hydrocarbons as Hydraulic Fluid
H	= Heavier hydrocarbons contributed to quantitation
L	= Lighter hydrocarbons contributed to quantitation
Y	= Sample exhibits chromatographic pattern which does not resemble standard
-	= Not analyzed
(mg/kg)	= milligrams per kilogram
ND	= Analyte was not detected at a concentration above the stated laboratory reporting limit.

Indicates concentration exceeds the residential ESL for that analyte.

Indicates sample location was later excavated due to analytical result(s) higher than the residential ESL.

0 6 12

APPROXIMATE SCALE IN FEET

REFERENCE: Base Map Provided by:
BKF; Engineers/Surveyors/Planners
Received by email November 2005

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Lafayette, CA
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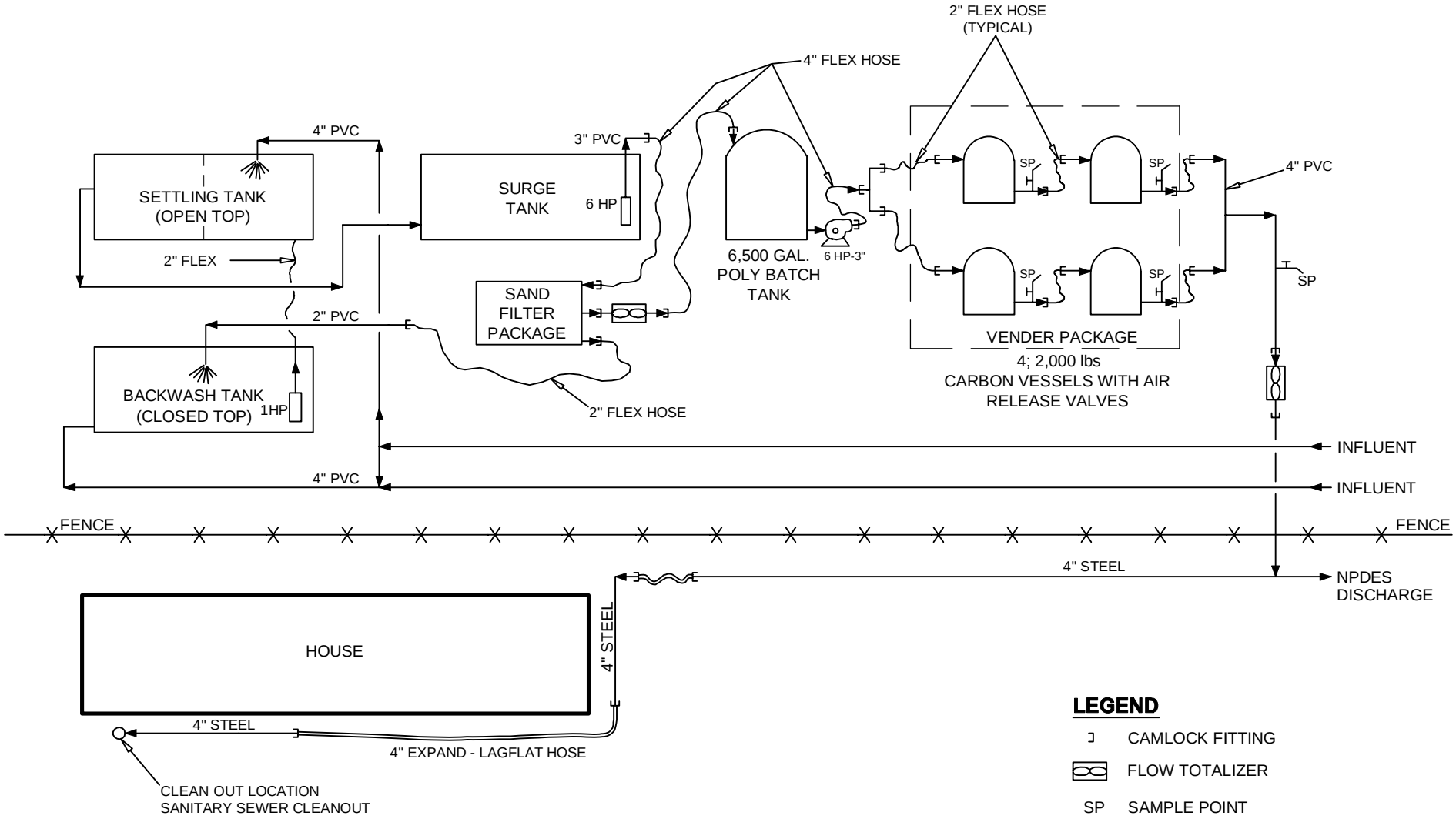
FOR:			
KAISER PERMANENTE 3701-3799 BROADWAY OAKLAND, CA		SOIL AREA 5 DETAIL	FIGURE: 7
JOB NUMBER: 05OT.50238.01	DRAWN BY: RRR	CHECKED BY: GH/KC	APPROVED BY: GH	DATE: 05/20/08

FILEPATH:Q:\CADD-05\KAISER\Oakland\3700 Broadway Block Excav and Dewatering Plan\Draft-Report_DWGs\Kaiser - Oakland - 3700 BROADWAY Block - Figures4_7.dwg[moggasch]Jun 10, 2008 at 10:52[Layout: Figure 7



LEGEND

- CAMLOCK FITTING
- FLOW TOTALIZER
- SP SAMPLE POINT

SECOR
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Lafayette, California
Phone (925) 299-9300/299-9302 FAX

FOR:
KAISER FOUNDATION HEALTH PLAN, INC.

3701-3799 BROADWAY
Oakland, California

GROUNDWATER TREATMENT SYSTEM SCHEMATIC

FIGURE: **8**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.01	RRR	MAS	MAS	05/22/08

FILEPATH:Q:\CADD-05\KAISER\Oakland\3700 Broadway Block Excav and Dewatering Plan\Draft-Report_DWGs\Kaiser - Oakland - 3700 BROADWAY Block - Figure 8.dwg|rroggasch|Jun 10, 2008 at 10:48|Layout: FIG8

APPENDIX A

Underground Storage Tank Removal Report

Soil Management Implementation Report

3701-3799 Broadway Avenue

Oakland, California

SECOR PN: 05OT.50238.00

June 11, 2008

SECOR

SECOR
INTERNATIONAL
INCORPORATED

www.secor.com

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Lafayette, CA 945
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925-299-9302 FAX

July 26, 2007

Mr. Leroy Griffin
City of Oakland Fire Department
Fire Prevention Bureau
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, California 94612-2032

RE: Underground Storage Tank Removal Report
Kaiser Permanente Medical Office Building Replacement Project
3701 – 3799 Broadway
Oakland, California

Dear Mr. Griffin:

SECOR International Incorporated (SECOR) has prepared this letter report describing underground storage tank (UST) and soil removal activities at the Kaiser Permanente Medical Office Building (MOB) construction project located at 3701 – 3799 Broadway in Oakland, California (the Site). This report has been prepared for and submitted on behalf of Kaiser Permanente (Kaiser).

BACKGROUND

The Site consists of a city block, bounded to the southwest by Macarthur Boulevard; to the northwest by a hotel, residential homes, and Manila Avenue; to the northeast by 38th Street; and to the southeast by Broadway. The Site's location is illustrated on Figure 1, and the Site's layout is illustrated on Figure 2.

The Site was previously occupied by a variety of businesses including a Chevron gasoline station, an automotive dealership and repair facility, several retail automotive repair facilities, and a pet boarding business. Significant environmental investigations have been undertaken by SECOR and others, under the direction of the Alameda County Environmental Health Services Department.

Kaiser Permanente's construction and excavation contractors have demolished the previous structures, installed shoring and dewatering wells, and began excavating the Site in preparation for construction of office and parking facilities. Management of known impacted soil and groundwater at the Site have been governed by SECOR's *Soil Management Plan* dated August 3, 2006, and the *Soil Management Plan Addendum* dated November 13, 2006. During the excavation activities, an approximately 500-gallon underground storage tank was encountered that Kaiser Permanente had no previous knowledge of its existence.

UST REMOVAL AND CONFIRMATION SAMPLING

On June 11, 2007, an approximately 500-gallon UST was removed from the south-central portion of the Site. The location of the UST is shown on Figure 2. After the product had been characterized and profiled, the former waste oil UST was evacuated of residual product and triple-rinsed by Evergreen Oil, Inc. (Evergreen). The residual 300-gallons of product were transported to the Evergreen facility in Newark, California for recycling on June 8, 2007. A copy of the manifest for the liquid is included in Attachment 1.

On June 11, 2007, the tank was removed by Pacific States Environmental Contractors (Pacific States), Kaiser Permanente's project's grading and excavation subcontractor, and placed on a flat-bed truck operated by Ecology Control Industries (ECI). The tank was observed to be in good condition with no visible holes, although soils beneath the tank were visibly discolored. The tank was transported for processing to the ECI facility in Richmond, California. A copy of the tank recycling certificate is included in Attachment 1.

The UST removal and confirmation sampling work was overseen by Keith Matthews of the Oakland Fire Department's Fire Prevention Bureau. A copy of the Fire Department's Inspection Report and Certificate of Tank and Equipment Inspection are included in Attachment 1. At the direction of Mr. Matthews, SECOR collected a soil sample from discolored soils directly beneath the UST (sample 'TB-1FT'), and an additional sample from approximately three feet beneath the UST (sample 'TB-3FT'). Soil samples were analyzed for the following constituents:

- Total petroleum hydrocarbons as gasoline (TPHg) and diesel (TPHd) by Environmental Protection Agency (EPA) Method 8015B;
- Oil and grease (O&G) by EPA Method 1664A;
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) and fuel oxygenates by EPA Method 8260B; and
- Total lead by EPA Method 6010B.

SECOR collected an additional sample from six feet beneath the tank bottom (sample 'TB-6FT') on June 26, 2007. This sample was analyzed for the constituents listed above, with the exception of fuel oxygenates.

In addition, SECOR collected four discrete soil samples from the soil stockpile to be composited in the laboratory for waste characterization analyses. Chemical analyses were performed by Curtis & Tompkins, Ltd., a state-certified analytical laboratory in Berkeley, California.

CHEMICAL RESULTS AND POST-REMOVAL EXCAVATION

Generally, reported concentrations of petroleum hydrocarbons were highest in the sample collected from one foot beneath the bottom of the UST, and decreased in the deeper samples. TPHg and TPHd were reported at concentrations of 2,100 and 5,400 milligrams per kilogram (mg/kg), respectively, in the 'TB-1FT' sample. The TPHg concentration decreased to below the reporting limit in the 6-foot sample, and TPHd was reported at 520 mg/kg. All reported concentrations of both constituents were flagged by the laboratory as not matching the laboratory standard, with the reported concentration containing contributions from either lighter- or heavier-range hydrocarbons. In SECOR's experience, these qualifiers are typical of aged and/or weathered fuel mixtures.

Reported concentrations of O&G displayed a similar trend, with concentrations decreasing from 27,000 mg/kg at one foot to 900 mg/kg at six feet. Low concentrations of toluene, ethylbenzene, and xylenes were reported in the one-foot sample; only a very low concentration of xylenes was reported in the 3-foot sample, and no BTEX constituents were reported in the 6-foot sample. No fuel oxygenates were detected at or above laboratory reporting limits. Reported concentrations of lead were anomalous in that they did not attenuate appreciably with depth, and the concentration of lead was highest in the intermediate sample from three feet. Soil sample analytical results are summarized on Table 1. Complete laboratory reports and chain-of-custody records are included in Attachment 2. Figure 3 depicts the sample analytical results of the soil samples collected beneath the former UST.

Soils beneath the former UST were subsequently excavated to a depth of six feet below the tank bottom, the maximum depth of excavation in that area of the Site (approximately 15 feet below street grade). Soils excavated from beneath the former UST were removed and disposed of under the existing soil profiles for the Site, in accordance with the procedures outlined in the *Soil Management Plan* dated August 3, 2006, and the *Soil Management Plan Addendum* dated November 13, 2006. The analytical results of the stockpiled soil are summarized on Table 2. Complete laboratory reports and chain-of-custody records are included in Attachment 2. Figure 3 depicts the sample analytical results of the soil samples collected beneath the former UST.

If you have any questions regarding the UST removal or contents of this report, please contact the undersigned at (925) 299-9300.

Sincerely,
SECOR International Incorporated

Greg Hoehn
Principal Geologist

Bruce Scarbrough, P.G.
Principal Geologist

Attachments: Figures
Tables
1 – Tank Removal Documentation
2 - Laboratory Analytical Reports and Chain-of-Custody Records

cc: Gary Bankhead, Kaiser Permanente
Dave Grede, Kaiser Permanente
Angeles Garcia, McCarthy

FIGURES

Underground Storage Tank Removal Report

3701-3799 Broadway Avenue

Oakland, California

SECOR PN: 05OT.50238.00

July 26, 2007

SOURCE: OAKLAND WEST QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)
CALIFORNIA - PHOTOREVISED 1980

0 2000 4000
APPROXIMATE SCALE FEET

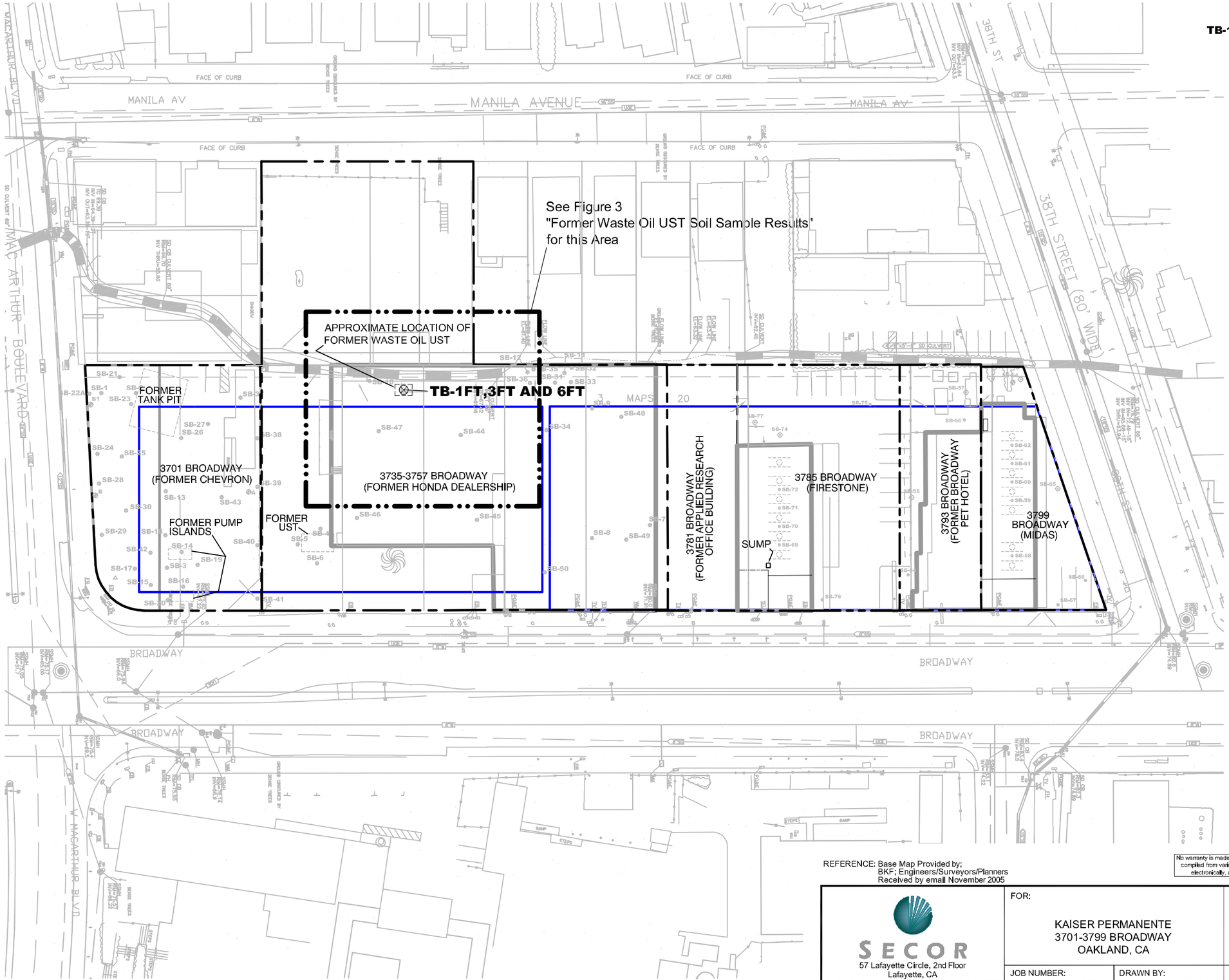
SECOR

DRAWN	RRR
APPR	GH
DATE	10 DEC 2003
JOB NO.	05OT.50133.00

FIGURE 1

KAISER
3701-3757 BROADWAY
OAKLAND, CALIFORNIA

SITE LOCATION MAP



LEGEND:

TB-1FT,3FT AND 6FT — FORMER WASTE OIL UST TANK BOTTOM SOIL SAMPLE LOCATIONS

SB-13 — PREVIOUS SECOR SOIL BORING LOCATION

SB-55 — PREVIOUS SOIL BORING LOCATION (SOIL AND GROUNDWATER SAMPLING)

B — CHEVRON MONITORING WELL

HYDRAULIC HOIST

APPROXIMATE FORMER WASTE OIL UST LOCATIONS

APPROXIMATE FORMER UST, PUMP ISLAND TANK PIT LOCATIONS

PROPERTY LINE LOCATION

APPROXIMATE BUILDING FOOTPRINT

N

0 60 120

APPROXIMATE SCALE IN FEET

REFERENCE: Base Map Provided by;
BKF; Engineers/Surveyors/Planners
Received by email November 2005

SECOR
57 Lafayette Circle, 2nd Floor
Lafayette, CA
PHONE: (925) 299-9300 FAX:(925) 299-9302

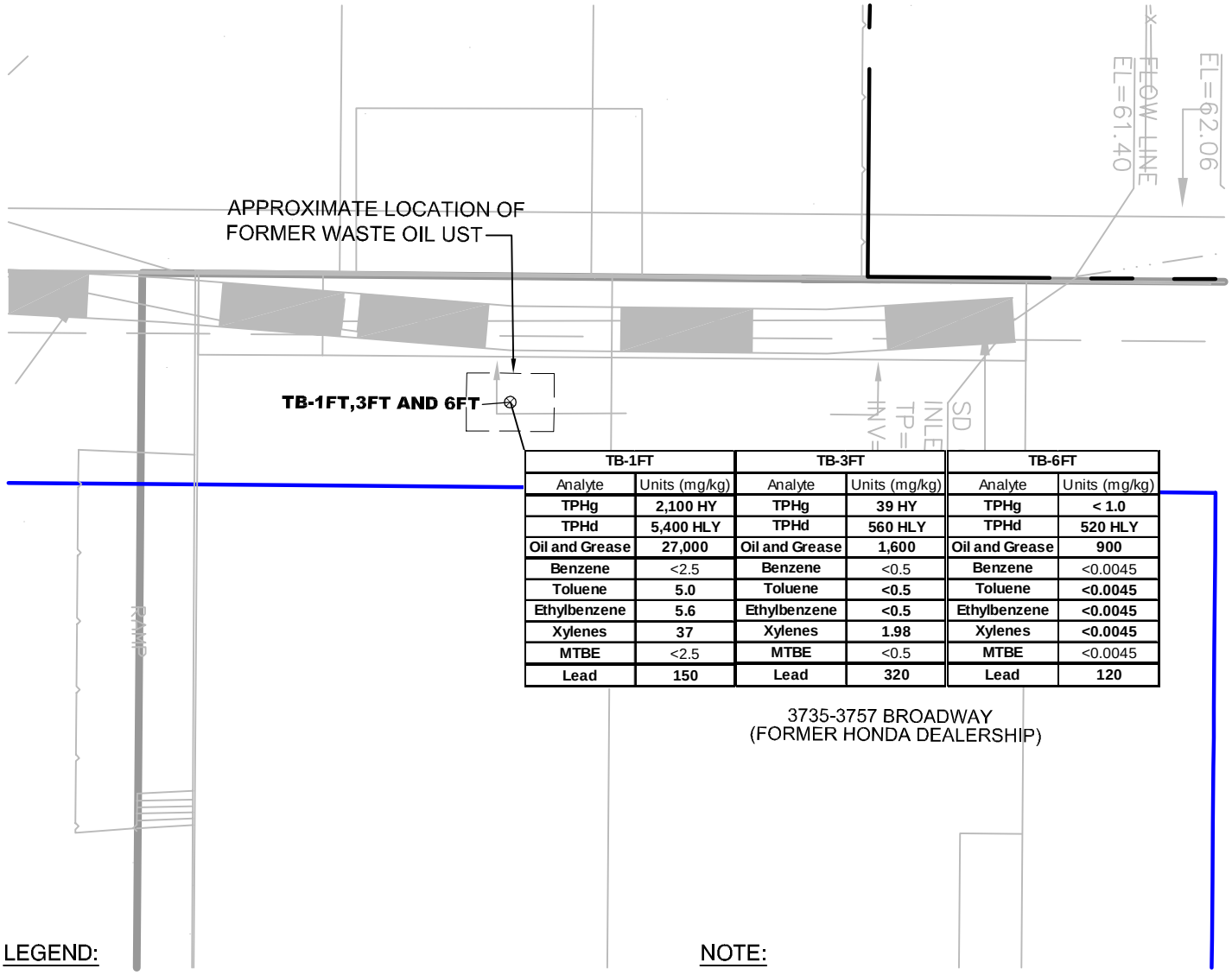
FOR: KAISER PERMANENTE
3701-3799 BROADWAY
OAKLAND, CA

SITE PLAN

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.00.003	RRR	GH/ND	GH	04/14/08

FILEPATH:Q:\CADD-05\KAISER\Oakland\3700 Broadway Block Excav and Dewatering Plan\Draft-Report DWGs\Appendix A\Kaiser - Oakland - Appendix A - Figure 2.dwg|rroggasch|Apr 14, 2008 at 12:48|Layout: Figure 2



TB-1FT		TB-3FT		TB-6FT	
Analyte	Units (mg/kg)	Analyte	Units (mg/kg)	Analyte	Units (mg/kg)
TPHg	**2,100 HY**	**TPHg**	**39 HY**	**TPHg**	**< 1.0**
TPHd	**5,400 HLY**	**TPHd**	**560 HLY**	**TPHd**	**520 HLY**
Oil and Grease	**27,000**	**Oil and Grease**	**1,600**	**Oil and Grease**	**900**
Benzene	<2.5	**Benzene**	<0.5	**Benzene**	<0.0045
Toluene	**5.0**	**Toluene**	**<0.5**	**Toluene**	**<0.0045**
Ethylbenzene	**5.6**	**Ethylbenzene**	**<0.5**	**Ethylbenzene**	**<0.0045**
Xylenes	**37**	**Xylenes**	**1.98**	**Xylenes**	**<0.0045**
MTBE	<2.5	**MTBE**	<0.5	**MTBE**	<0.0045
Lead	**150**	**Lead**	**320**	**Lead**	**120**

LEGEND:

TB-1FT, 3FT and 6FT ⊗ FORMER WASTE OIL UST TANK BOTTOM SOIL SAMPLE LOCATIONS

PROPERTY LINE LOCATION

APPROXIMATE BUILDING FOOTPRINT

NOTE:

1) ALL DEPTHS ARE FEET BELOW TANK BOTTOM.

SAMPLE EXPLAINATION:

Abbreviations:

TPHg	Total petroleum hydrocarbons as gasoline.
TPHd	Total petroleum hydrocarbons as diesel.
MTBE	Methyl tert butyl ether
mg/kg	milligrams per kilogram
ND<x.xx	Indicates analyte not detected at or above the specified laboratory reporting limit
--	Not analyzed
H	Heavier hydrocarbons contributed to quantitation
Y	Sample exhibits chromatographic pattern which does not resemble standard
L	Lighter hydrocarbons contributed to quantitation
BOLD	Higher than method detection limit

N

0 20 40

APPROXIMATE SCALE IN FEET

SECOR
57 Lafayette Circle, 2nd Floor
Lafayette, CA
PHONE: (925) 299-9300 FAX: (925) 299-9302

FOR: KAISER PERMANENTE
3701-3799 BROADWAY
OAKLAND, CA

FORMER WASTE OIL UST
SOIL SAMPLE RESULTS

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.00.003	RRR	GH/ND	GH	04/14/08

TABLES

Underground Storage Tank Removal Report

3701-3799 Broadway Avenue

Oakland, California

SECOR PN: 05OT.50238.00

JULY 26, 2007

Table 1 - UST Removal Confirmation Soil Sample Analytical Results
Kaiser Permanente
Oakland Medical Office Building (MOB) Replacement Project
3700 Block of Broadway
Oakland, California

Sample ID	Depth Below Tank Bottom (ft)	Sample Date	Petroleum Hydrocarbons EPA Method 8015B (mg/kg)		Oil and Grease EPA Method 1664A (mg/kg)	BTEX & Oxygenates EPA Method 8260B (mg/kg)						TTLC Lead EPA Method 6010B (mg/kg)
			TPHg	TPHd	Oil and Grease	Benzene	Toluene	Ethylbenzene	Xylenes (total)	MTBE	All other Oxygenates	Lead
TB-1FT	1	06/11/07	**2,100 HY**	**5,400 HLY**	**27,000**	<2.5	**5.0**	**5.6**	**37**	<2.5	<2.5 - <50	**150**
TB-3FT	3	06/11/07	**39 HY**	**560 HLY**	**1,600**	<0.5	<0.5	<0.5	**1.98**	<0.5	<0.5 <10	**320**
TB-6FT	6	06/26/07	< 1.0	**520 HLY**	**900**	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	--	**120**

Table Notes:
Bold value indicates analyte detected at or above the laboratory reporting limit

Abbreviations:

TPHg	Total petroleum hydrocarbons as gasoline.
TPHd	Total petroleum hydrocarbons as diesel.
MTBE	Methyl tert butyl ether
mg/kg	milligrams per kilogram
ND<x.xx	Indicates analyte not detected at or above the specified laboratory reporting limit
--	Not analyzed
H	Heavier hydrocarbons contributed to quantitation

Table 2 - UST Stockpile Composite Sample Analytical Results
Kaiser Permanente
Oakland Medical Office Building (MOB) Replacement Project
3700 Block of Broadway
Oakland, California

Sample Location	Sample ID	Depth (ft)	Sample Date	Petroleum Hydrocarbons EPA Method 8015M (mg/kg)		Oil and Grease EPA Method 1664A (mg/kg)	BTXE & Oxygenates EPA Method 8260B (mg/kg)						TTLC Lead EPA Method 6010B (mg/kg)	STLC Lead EPA Method 6010B (mg/L)
				TPHg	TPHd	Oil and Grease	Benzene	Toluene	Ethylbenzene	Xylenes (total)	MTBE	All Other Oxygenates	Lead	Lead
Stockpile	TANK-SP-COMP	NA	06/11/07	**12 HY**	**420 HLY**	**440**	<0.023	**0.042**	**0.059**	**0.4**	<0.023	<0.023 - <0.45	**290**	**1.4**
	ESL[1]		**Residential (<3m)**	**100** Gasolines	**100** Middle distillates	**500** Residual fuels	**0.044**	**2.9**	**3.3**	**2.3**	**0.5**	**NA**	**1.7**	**NA**
												TTLC or STLC Values	**1,000**	**5.0**

Notes:

1 Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB) for exposure to subsurface soils in a residential setting, where groundwater is a current or potential source of drinking water (SF Bay RWQCB, Interim Final, February 2005, Summary Table A-1).

TTLC Total Threshold Limit Concentration

STLC Soluble Threshold Limit Concentration

--- Not analyzed.

Bold Indicates analyte was detected at or above laboratory reporting limit.

Abbreviations:

TPHg	Total petroleum hydrocarbons as gasoline.
TPHd	Total petroleum hydrocarbons as diesel.
TPHmo	Total petroleum hydrocarbons as motor oil.
TPHhf	Total petroleum hydrocarbons as hydraulic fluid.
MTBE	Methyl tert butyl ether
mg/kg	milligrams per kilogram (parts per million)
mg/L	milligrams per liter (parts per million)
NA	Not applicable
ND<x.xx	Indicates analyte not detected at or above the specified laboratory reporting limit.
-	Not analyzed
H	Heavier hydrocarbons contributed to quantitation
Y	Sample exhibits chromatographic pattern which does not resemble standard
L	Lighter hydrocarbons contributed to quantitation

Attachment 1
Tank Removal Documentation
Underground Storage Tank Removal Report

3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
JULY 26, 2007

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard · Richmond, California 94801
Phone # 510-235-1393

CUSTOMER: PACIFIC STATES **JOB NO:** 52T3409

GENERATOR: KAISER PERMANENTE
280 WEST MACARTHUR BLVD..OAKLAND. CA.

FOR: ECOLOGY CONTROL INDUSTRIES **TANK NO.:** 33490

LOCATION: RICHMOND **DATE:** 6/12/07 **TIME:** 2:15 PM

LAST PRODUCT: FUEL OIL **TEST METHOD:** VISUAL GASTECH/1314 SMPN

This is to certify that I have personally determined that this is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE : 500 GALLONS CONDITION: SAFE FOR FIRE

REMARKS:

OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED AND THEREFORE, DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY. ECOLOGY CONTROL INDUSTRIES HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or it in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Regan Cotter — REPRESENTATIVE — TITLE — James Wilcox — INSPECTOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD982142731	1	800-321-5479	002141345 JJK

GENERATOR

5. Generator's Name and Mailing Address
Kaiser Permanente Western EH&S Service Hub
1950 Franklin St., 12th Floor
Oakland CA 94612
Generator's Phone: 510 271 6010

Generator's Site Address (if different than mailing address)
Kaiser Permanente
280 West Macarthur Blvd
Oakland CA 946115

6. Transporter 1 Company Name
Ecology Control Industries
U.S EPA ID Number
CAD982030173

7. Transporter 2 Company Name
U.S EPA ID Number

8. Designated Facility Name and Site Address
Evergreen Oil Inc
6880 Smith Avenue
Newark CA 94560
Facility's Phone: 510 795-4800
U.S. EPA ID Number
CAD980828418

9a. HM	9b U.S DOT Description (Including Proper Shipping Name Hazard Class ID Number and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12 Unit Wt./Vol.	13 Waste Codes		
	Non-RCRA, Hazardous Waste, Liquid (Water, Petroleum Hydrocarbons)	001	TT	0300	G	223		
	2							
	3							
	4							

14. Special Handling Instructions and Additional Information
1) Wear appropriate personal protective equipment. ECI project# 52T3408/ PO# 5220341

15 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gabe Ortiz Iliana Perez | Signature | Month: 06 | Day: 08 | Year: 07

INTL

16 International Shipments ☐ Import to U.S ☐ Export from U.S Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Victor Raymundo | Signature | Month: 06 | Day: 08 | Year: 07
Transporter 2 Printed/Typed Name: | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy
18a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: JOHN CHASE | Signature | Month: 06 | Day: 08 | Year: 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

OAKLAND FIRE DEPARTMENT, OES
UNDERGROUND STORAGE TANK CLOSURE/REMOVAL FIELD INSPECTION REPORT

Site Address:	3701 Broadway Kaiser Hospital	Name of Facility:	Kaiser MOB Annex
Inspector:	K Matthews	Contact on site:	Pete Ross 925 705 7457
Date and Time of Arrival:	6-11-07	Contractor/Consultant:	Rusti States Env.

General Requirements	Yes	No	N/A
Approved closure plan on site	Ken	X	
Changes to approved plan noted	X		
Residuals properly stored/transported	X		
Receipt for adequate dry ice noted	X		

General Requirements	Yes	No	N/A
Site Safety Plan properly signed	X		
40B:C fire extinguisher on site	X		
"No Smoking" signs posted	X		
Gas detector challenged by inspector	X		

Tank Observations	T #1	T #2	T #3	T #4
Tank Capacity (gallons)	550			
Material last stored	Fuel Oil			
Dry ice used (pounds)	None			
Combustible gas concentration as %LEL. *(Note time & sampling point)*				
(1)	0			
(2)				
(3)				
Oxygen concentration as % volume. *(Note time & sampling point.)*				
(1)	20.9			
(2)				
(3)				
Tank Material				
Wrapping/Coating, if any				
Obvious holes?				

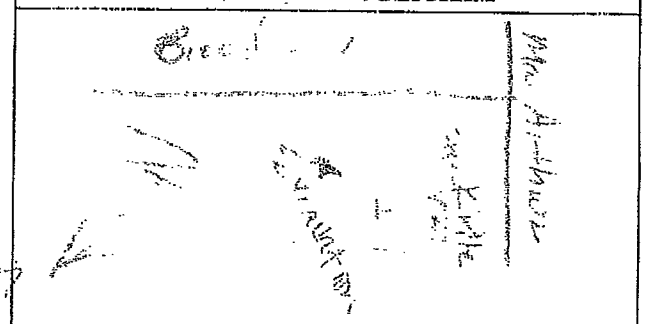
Tank Observations	T #1	T #2	T #3	T #4
Obvious corrosion?	No			
Obvious odors from tank?	No			
Seams intact?	Yes			
Tank bed backfill material	Yes			
Obvious discoloration?	Yes			
Obvious odors ex tank bed?	Yes			
Water in excavation?	No			
Sheen/product on water?	No			
Tank tagged by transporter?	No			
Tank wrapped for transport?	No			
Tank plugged w/ vent cap?	No			
Date/time tank hauled off?	6-11-07			
No. of soil samples taken?	2			
Depth of soil samples (ft. bgs)	4'			

Piping Removal	Yes	No	N/A
All piping removed hauled off w/ tanks?			X
Obvious holes on pipes?			X
Obvious odors from pipes?			X
Obvious soil discoloration in piping trench?			X
Obvious odors from piping trench?			X
Water in piping trench?			X
Number & depth of soil samples from piping trench?			
Number & depth of water samples from piping trench?			

General Observations	Yes	No	N/A
Leak from any tank suspected?	X		
"Leak Report" form given to the operator?		X	
Obviously contaminated soil excavated?	X		
Soil stockpile sampled? 1 composite	X		
Stockpile lined AND covered?	X		
Water in excavation sampled?	No		
Number/depth of water samples taken?	0		
All samples properly preserved for transport?	NA		

Additional Observations	Yes	No	N/A
Soil/water sampling protocols acceptable?	X		
Sampling "chain of custody" noted?	X		
Tank pit filled in or covered?	X		
Tank pit fenced or barricaded?	X		
Transporter a registered HW hauler?	X		
Uniform HW Manifest completed?	X		
Contractor/Consultant reminded of complete UST Removal Report due within 30 days?	X		
Date/Time removal/closure operations completed?	1300 6-11-07		
OT hours or additional charges due from contractor?	0		

SITE & SAMPLING DIAGRAM



Notes/Comments: * 1 Soil Sample @ 4' bgs + 1 from Soil Stockpile
Sampling product present in excavation

City Of Oakland
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851

Permit To Excavate And Install, Repair, Or Remove Inflammable Liquid Tanks

Oakland, California June 14, 2007

Tank Permit Number: T07-0025

Permission Is Hereby Granted To:
UST Removal Waste Oil **Tank And Excavate Commencing:** **Feet Inside:** **Line.**

On The:

Site Address: 235 W. MacArthur Blvd., Oakland, CA 94611 **Present Storage:**

Owner: Kaiser Hospital **Address:** 235 W. MacArthur Blvd., Oakland, CA 94611 **Phone:** 510-752-7463

Applicant: Pacific State Environmental **Address:** 11555 Dublin Blvd. **Phone:** 925-803-4533

Dimensions Of Street (sidewalk) Surface To Be Disturbed : X **No. Of Tanks** 1 **Capacity** 500 **Gallons, Each**

Remarks

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection: UST Removal

Inspected And Passed On: 6-11-07

By: Keith Morton

Approved: Keith Mathews For Leroy Griffin
Fire Marshal

Inspection Fee Paid: $ 623.94

Received By: Check# 022563

UST/AST Installations/modifications:
Pressure Test: Inspected By: **Date:**
Primary Piping Test: Inspected By: **Date:**

Secondary Containment & Sump Testing:
Inspected By: **Date:**
Final: Inspected By: **Date:**

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

Distribution: White - Fire Prevention Bureau, Yellow - Contractor

Attachment 2
Laboratory Analytical Reports and Chain-of-Custody Records
Underground Storage Tank Removal Report

3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
JULY 26, 2007

Calscience
Environmental
Laboratories, Inc.

June 15, 2007

Anne Kathain
Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Subject: **Calscience Work Order No.: 07-06-0883**
Client Reference: 195330

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/13/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 06/13/07
Work Order No: 07-06-0883

Project: 195330

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TB-1FT	**07-06-0883-1**	**06/11/07**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM: Oil and Grease	27000	1000	1		mg/kg	N/A	06/14/07	EPA 1664A M

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TB-3FT	**07-06-0883-2**	**06/11/07**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM: Oil and Grease	1600	100	1		mg/kg	N/A	06/14/07	EPA 1664A M

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TANK-SP-COMP	**07-06-0883-3**	**06/11/07**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM: Oil and Grease	440	10	1		mg/kg	N/A	06/14/07	EPA 1664A M

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Method Blank		**N/A**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM: Oil and Grease	ND	10	1		mg/kg	N/A	06/14/07	EPA 1664A M

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: N/A
Work Order No: 07-06-0883

Project: 195330

Matrix: Solid

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
HEM: Oil and Grease	EPA 1664A M	099-12-040-82	N/A	06/14/07	92	92	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0883

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

0883

Project Number: 195330
Site: Kaiser - Oakland

Subcontract Laboratory:
Cal Science
7440 Lincoln Way
Garden Grove, CA 92841-1432
(714) 895-5494
ATTN: Jason Torres

Results due: 06/18/07 Report Level: II

Please send report to: Anne Kathain
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
TB-1FT	06/11 12:34	Soil	1664	195330-001	
TB-3FT	06/11 12:42	Soil	1664	195330-002	
TANK-SP-COMP	06/11 12:50	Soil	1664	195330-007	

Notes:	Relinquished By:	Received By:
Standard on TB-1FT & TB-3FT 48 hour TAT ON TANK-SP-COMP	Date/Time: 6-12-07 14:00	Date/Time: 6/13/07 0800

CALIFORNIA OVERNIGHT C10129000045107

Signature on ... constitutes a firm Purchase Order for the services requested above.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 06 - 0883

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: C&T DATE: 6/13/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
5.1 °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: JP

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: JP

COMMENTS:

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195330

Sampler: Neil Doran
Report To: Neil Doran
Company: SECOR
Telephone: (925) 299-9300 x 237
Fax: -9302

Project No.: 050T.50238.00
Project Name: Kaiser MOB
Project P.O.:
Turnaround Time: Std / 48-Hr Rush

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPHd	Oil & Grease	TPHg	BTEX	7 Fuel Oxygenates	Total Lead	4-point Composite	Standard TAT	48-Hr Rush
-1	TB-1FT	6/11/07 - 1234	✓			1				X	X	X	X	X	X	X		X	
-2	TB-3FT	" - 1242	✓			1				X	X	X	X	X	X	X		X	
-3	Tank-SP-1	" - 1247	✓			1				X									
-4	Tank-SP-2	" - 1248	✓			1				X									
-5	Tank-SP-3	" - 1249	✓			1				X									
-6	Tank-SP-4	" - 1250	✓			1				X									

COMP -1 through -5

Notes: Samples are HOT. -48-Hr RUSH for the 4-point Composite

SAMPLE RECEIPT
☑ Intact ☒ Cold
☐ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY: Neil Doran / SECOR — 6-11-07 1335 DATE / TIME
DATE / TIME
DATE / TIME
SIGNATURE

RECEIVED BY: Anne Kath — 06/11/07 13:38 DATE / TIME
DATE / TIME
DATE / TIME

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126175
Units:	mg/Kg	Sampled:	06/11/07
Basis:	as received	Received:	06/11/07

Field ID: TB-1FT
Type: SAMPLE
Lab ID: 195330-001
Diln Fac: 100.0
Analyzed: 06/11/07

Analyte	Result	RL
Gasoline C7-C12	2,100 H Y	100

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	131	66-138

Field ID: TB-3FT
Type: SAMPLE
Lab ID: 195330-002
Diln Fac: 1.000
Analyzed: 06/12/07

Analyte	Result	RL
Gasoline C7-C12	39 H Y	0.97

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	70-132
Bromofluorobenzene (FID)	175 *	66-138

Field ID: TANK-SP-COMP
Type: SAMPLE
Lab ID: 195330-007
Diln Fac: 1.000
Analyzed: 06/12/07

Analyte	Result	RL
Gasoline C7-C12	12 H Y	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	132	66-138

Type: BLANK
Lab ID: QC391746
Diln Fac: 1.000
Analyzed: 06/11/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	70-132
Bromofluorobenzene (FID)	110	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC391747	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126175
Units:	mg/Kg	Analyzed:	06/11/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	10.61	106	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	70-132
Bromofluorobenzene (FID)	111	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	195287-001	Batch#:	126175
Matrix:	Soil	Sampled:	06/07/07
Units:	mg/Kg	Received:	06/07/07
Basis:	as received	Analyzed:	06/11/07

Type: MS Lab ID: QC391748

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1430	10.10	8.889	87	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	108	66-138

Type: MSD Lab ID: QC391749

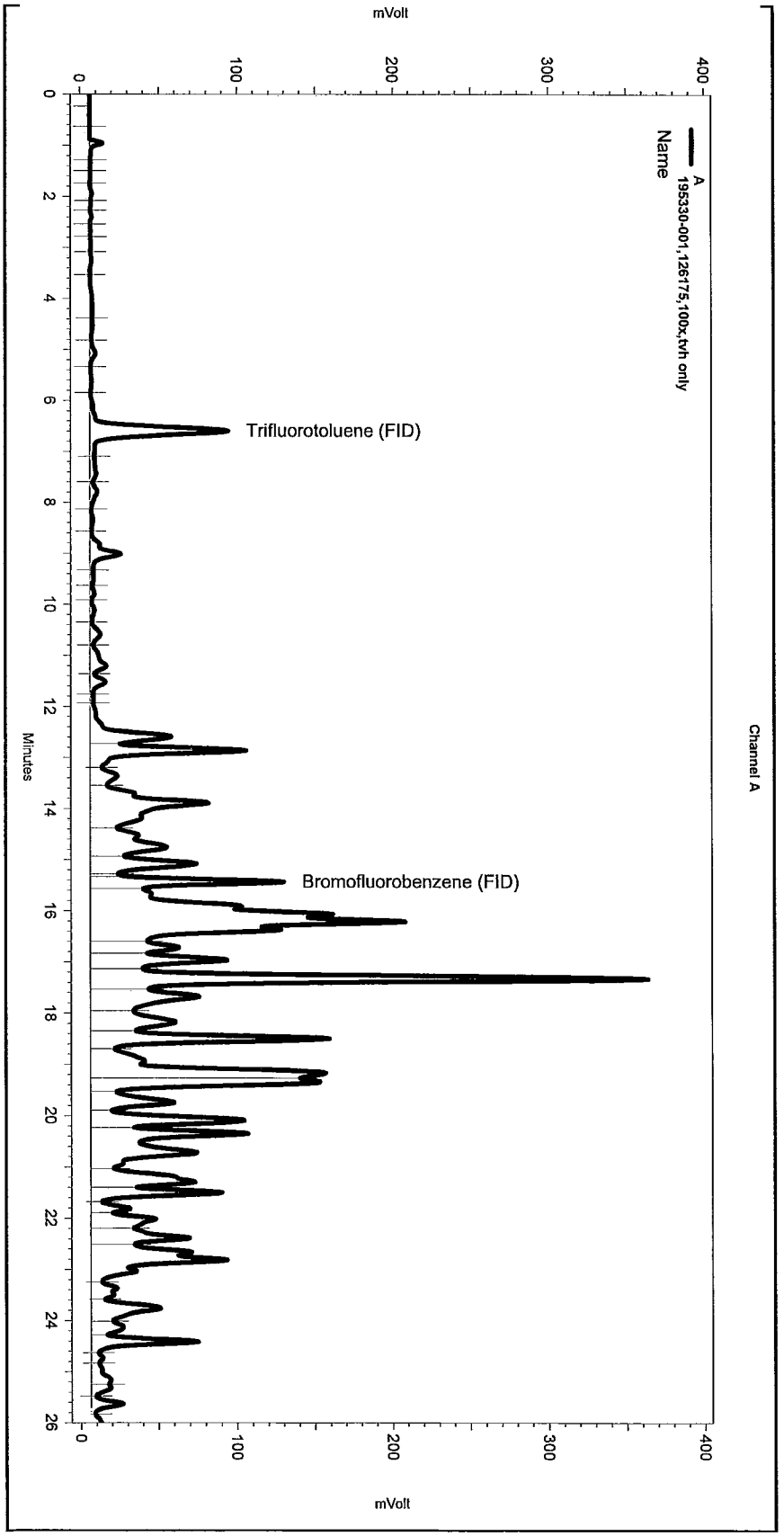
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.10	7.870	76	36-120	12	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	70-132
Bromofluorobenzene (FID)	106	66-138

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\162.seq**
Sample Name: **195330-001,126175,100x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\162_005**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 1. Analyst (lims2k3\tvh1)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/11/2007 5:22:14 PM
Analysis Date: 6/13/2007 11:34:10 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

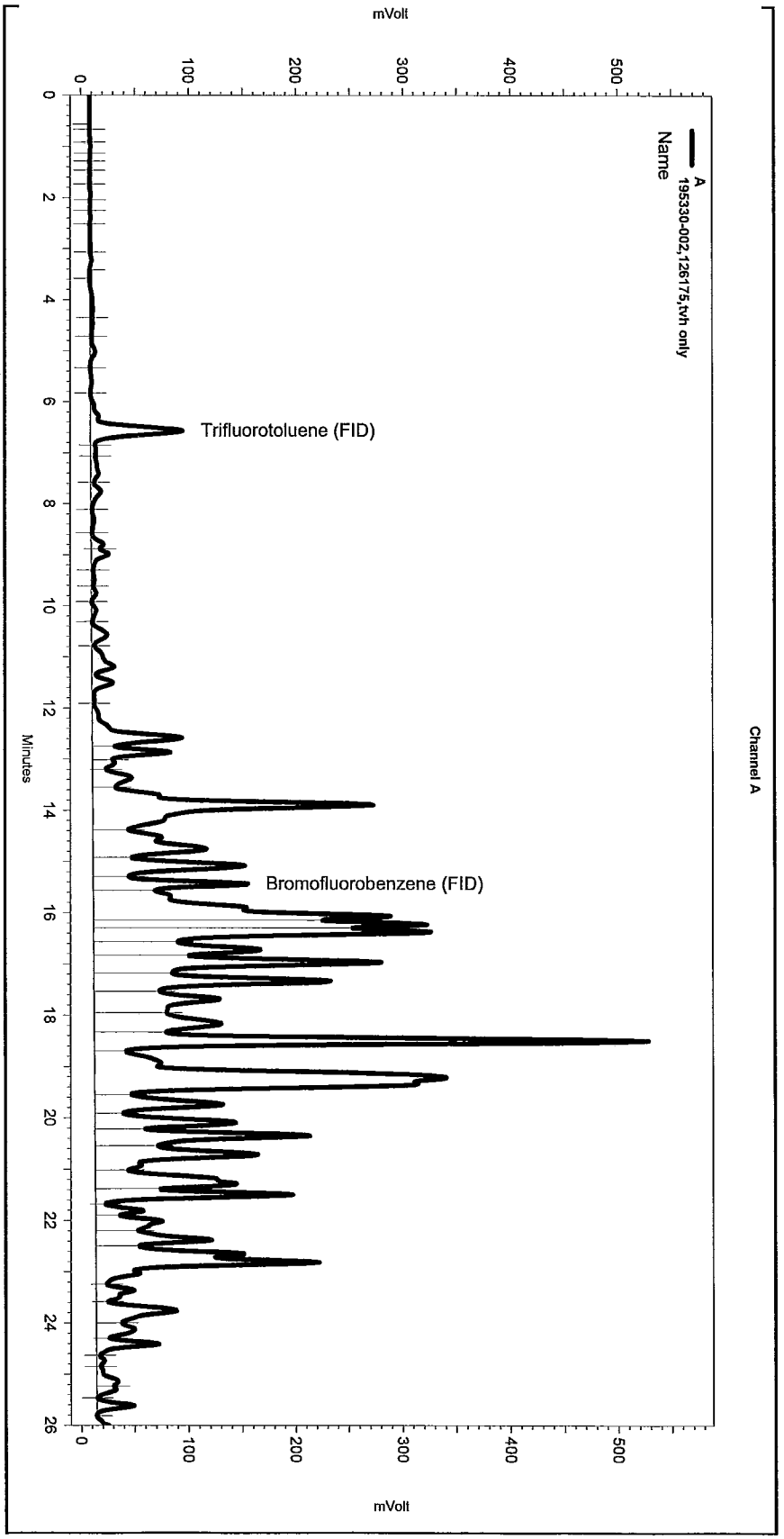
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\162_005

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	6.175	0
Yes	Lowest Point Horizontal Baseli	3.79	26.017	0
Yes	Split Peak	15.325	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\162.seq**
Sample Name: **195330-002,126175,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\162_025**
Instrument: GC07 Vial: N/A Operator: Tvh 3. Analyst (lims2k3\tvh3)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/12/2007 5:58:47 AM
Analysis Date: 6/12/2007 9:46:59 AM
Sample Amount: 1.03 Multiplier: 1.03
Vial & pH or Core ID: A



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

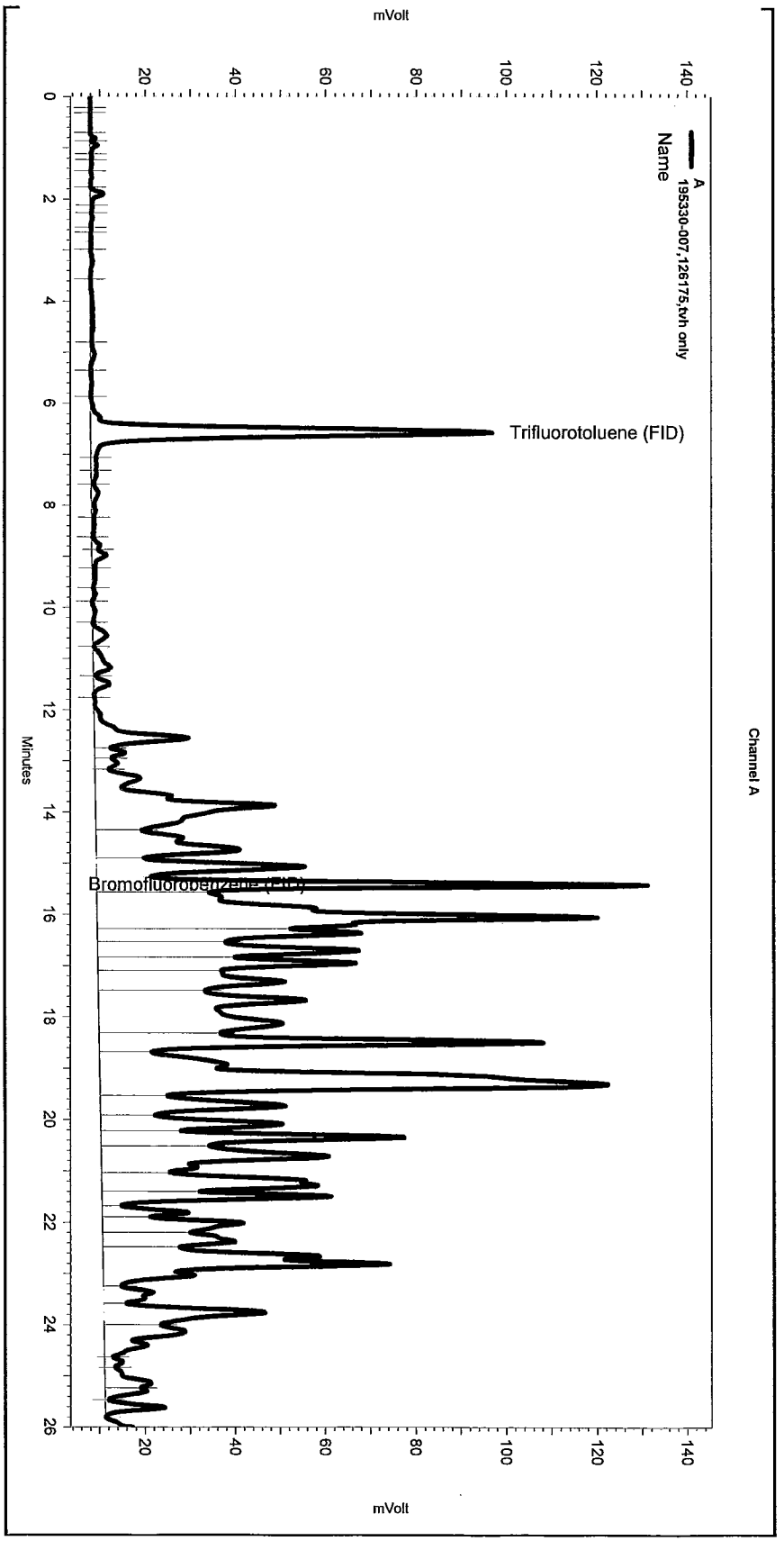
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\162_025

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\162.seq**
Sample Name: **195330-007,126175,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\162_029**
Instrument: GC07 Vial: N/A Operator: Tvh 3. Analyst (lims2k3\tvh3)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/12/2007 8:23:33 AM
Analysis Date: 6/12/2007 9:48:13 AM
Sample Amount: 0.99 Multiplier: 0.99
Vial & pH or Core ID: COMP



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

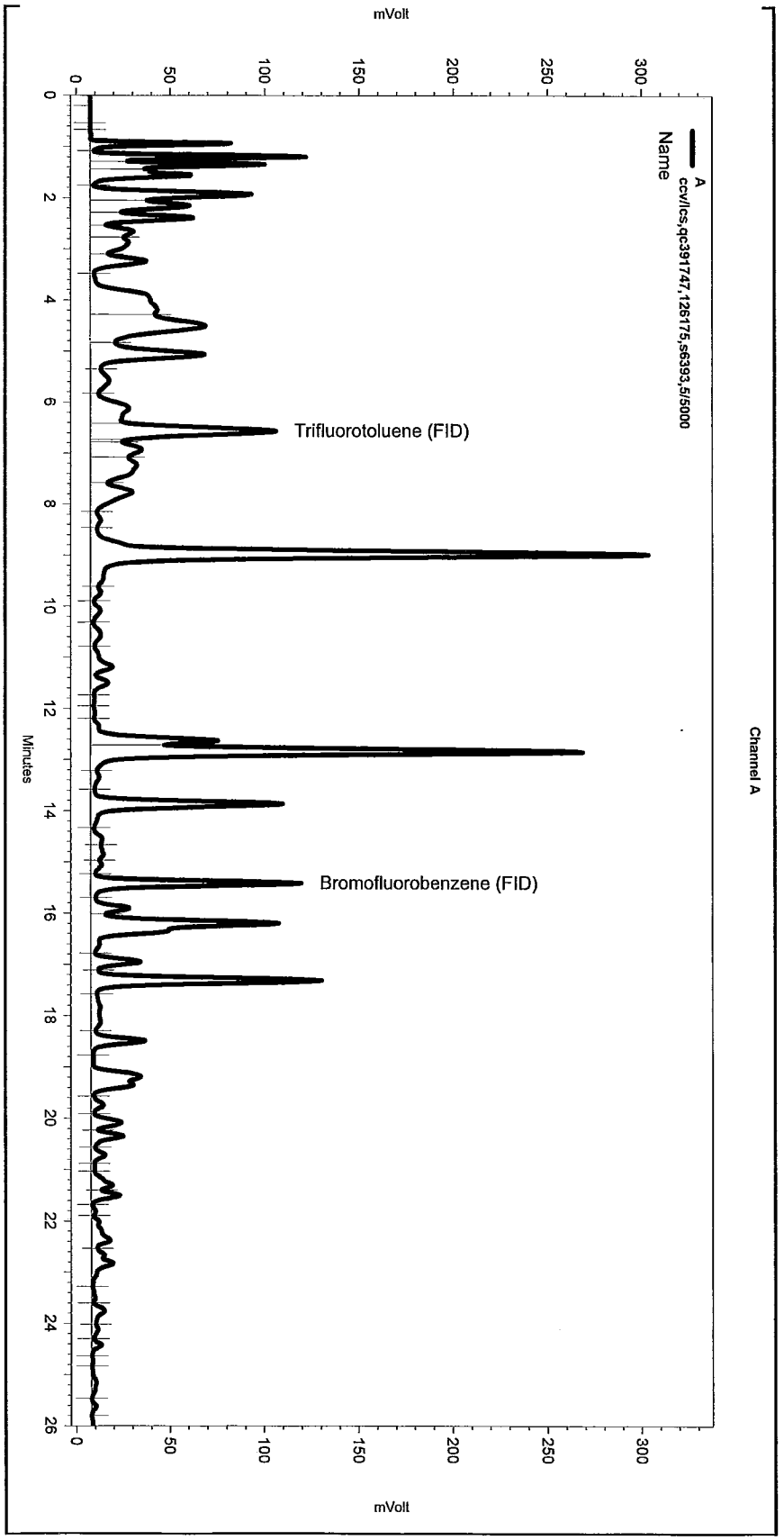
Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\162_029

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\162.seq**
Sample Name: **ccv/lcs,qc391747,126175,s6393,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\162_002**
Instrument: GC07 Vial: N/A Operator: Tvh 3. Analyst (lims2k3\tvh3)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/11/2007 8:33:42 AM
Analysis Date: 6/12/2007 9:42:39 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\162_002

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.422	0	0
Yes	Split Peak	6.728	0	0

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/11/07
Units:	mg/Kg	Received:	06/11/07
Basis:	as received		

Field ID:	TB-1FT	Batch#:	126333
Type:	SAMPLE	Prepared:	06/14/07
Lab ID:	195330-001	Analyzed:	06/15/07
Diln Fac:	50.00		

Analyte	Result	RL
Diesel C10-C24	5,400 H L Y	50

Surrogate	%REC	Limits
Hexacosane	DO	40-127

Field ID:	TB-3FT	Batch#:	126333
Type:	SAMPLE	Prepared:	06/14/07
Lab ID:	195330-002	Analyzed:	06/15/07
Diln Fac:	5.000		

Analyte	Result	RL
Diesel C10-C24	560 H L Y	5.0

Surrogate	%REC	Limits
Hexacosane	93	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/11/07
Units:	mg/Kg	Received:	06/11/07
Basis:	as received		

Field ID:	TANK-SP-COMP	Batch#:	126190
Type:	SAMPLE	Prepared:	06/12/07
Lab ID:	195330-007	Analyzed:	06/13/07
Diln Fac:	5.000		

Analyte	Result	RL
Diesel C10-C24	420 H L Y	5.0

Surrogate	%REC	Limits
Hexacosane	94	40-127

Type:	BLANK	Batch#:	126190
Lab ID:	QC391804	Prepared:	06/12/07
Diln Fac:	1.000	Analyzed:	06/13/07

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	84	40-127

Type:	BLANK	Batch#:	126333
Lab ID:	QC392433	Prepared:	06/14/07
Diln Fac:	1.000	Analyzed:	06/15/07

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	73	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC391805	Batch#:	126190
Matrix:	Soil	Prepared:	06/12/07
Units:	mg/Kg	Analyzed:	06/12/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.75	30.39	61	58-127

Surrogate	%REC	Limits
Hexacosane	71	40-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	126190
MSS Lab ID:	195269-002	Sampled:	06/06/07
Matrix:	Soil	Received:	06/07/07
Units:	mg/Kg	Prepared:	06/12/07
Basis:	as received	Analyzed:	06/12/07
Diln Fac:	3.000		

Type: MS
Lab ID: QC391806

Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	2,262	49.88	2,263 >LR	2 NM	29-147

Surrogate	%REC	Limits
Hexacosane	77	40-127

Type: MSD
Lab ID: QC391807

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.82	2,654 >LR	787 NM	29-147	NC	46

Surrogate	%REC	Limits
Hexacosane	81	40-127

NC= Not Calculated
NM= Not Meaningful: Sample concentration > 4X spike concentration
>LR= Response exceeds instrument's linear range
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC392434	Batch#:	126333
Matrix:	Soil	Prepared:	06/14/07
Units:	mg/Kg	Analyzed:	06/15/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.91	36.86	74	58-127

Surrogate	%REC	Limits
Hexacosane	77	40-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	126333
MSS Lab ID:	195340-010	Sampled:	06/11/07
Matrix:	Soil	Received:	06/11/07
Units:	mg/Kg	Prepared:	06/14/07
Basis:	as received	Analyzed:	06/16/07
Diln Fac:	1.000		

Type: MS Lab ID: QC392435

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.4159	49.97	32.70	65	29-147

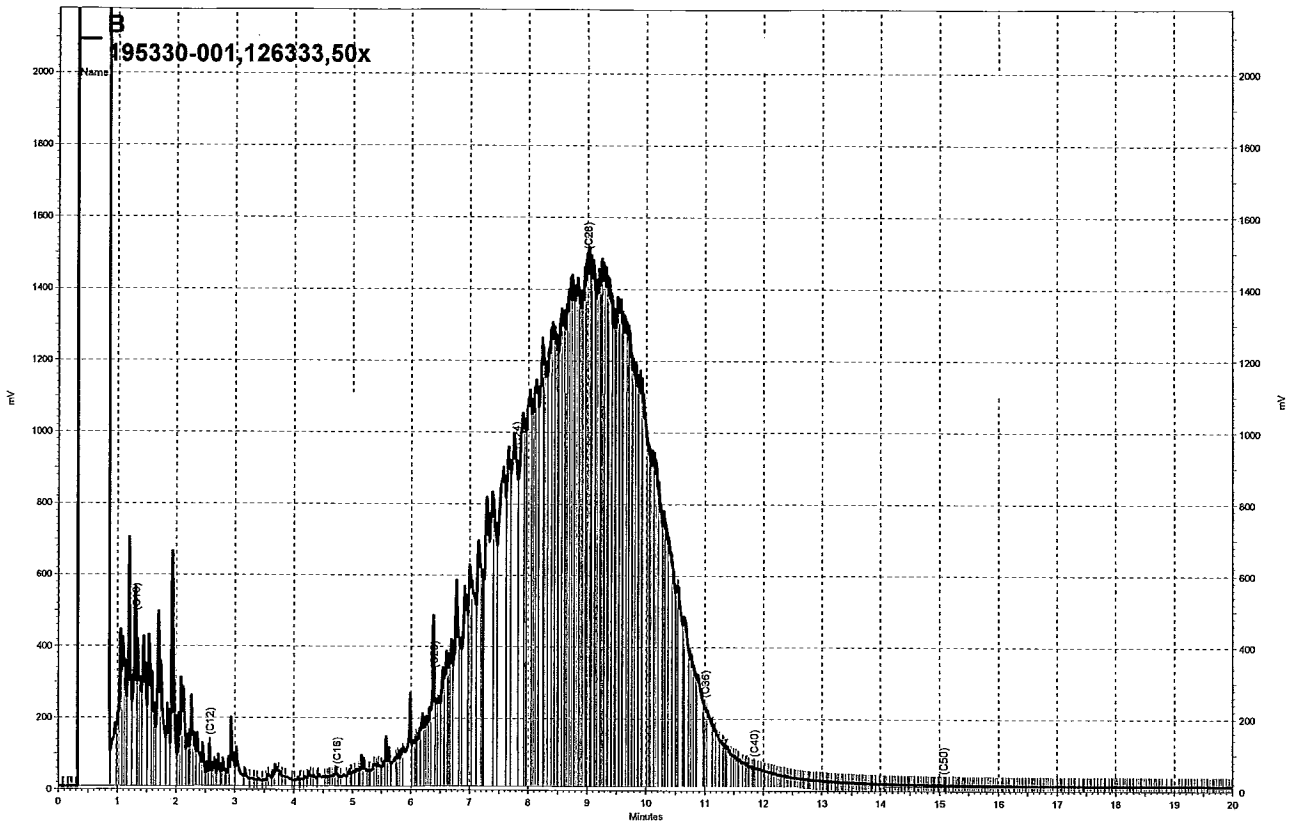
Surrogate	%REC	Limits
Hexacosane	66	40-127

Type: MSD Lab ID: QC392436

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.90	26.11	51	29-147	22	46

Surrogate	%REC	Limits
Hexacosane	54	40-127

RPD= Relative Percent Difference



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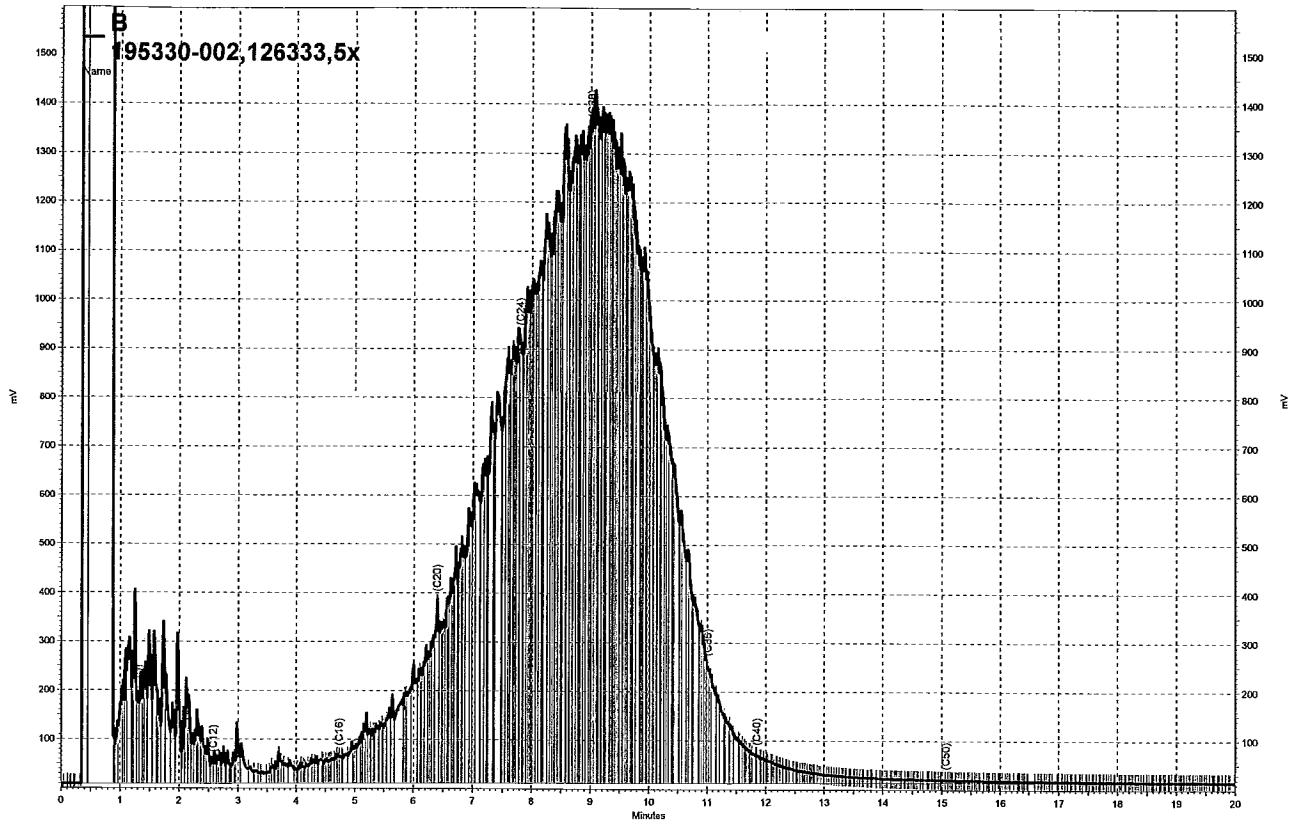

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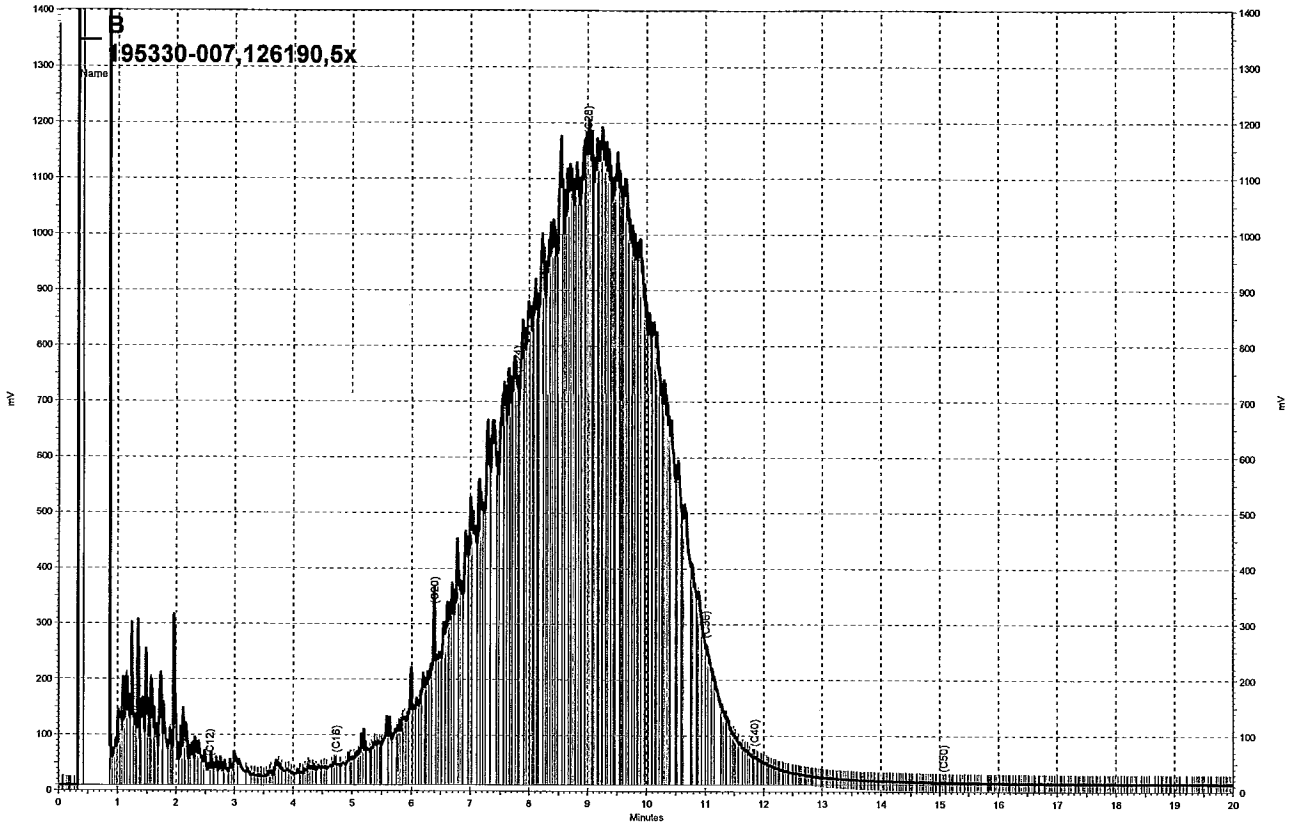

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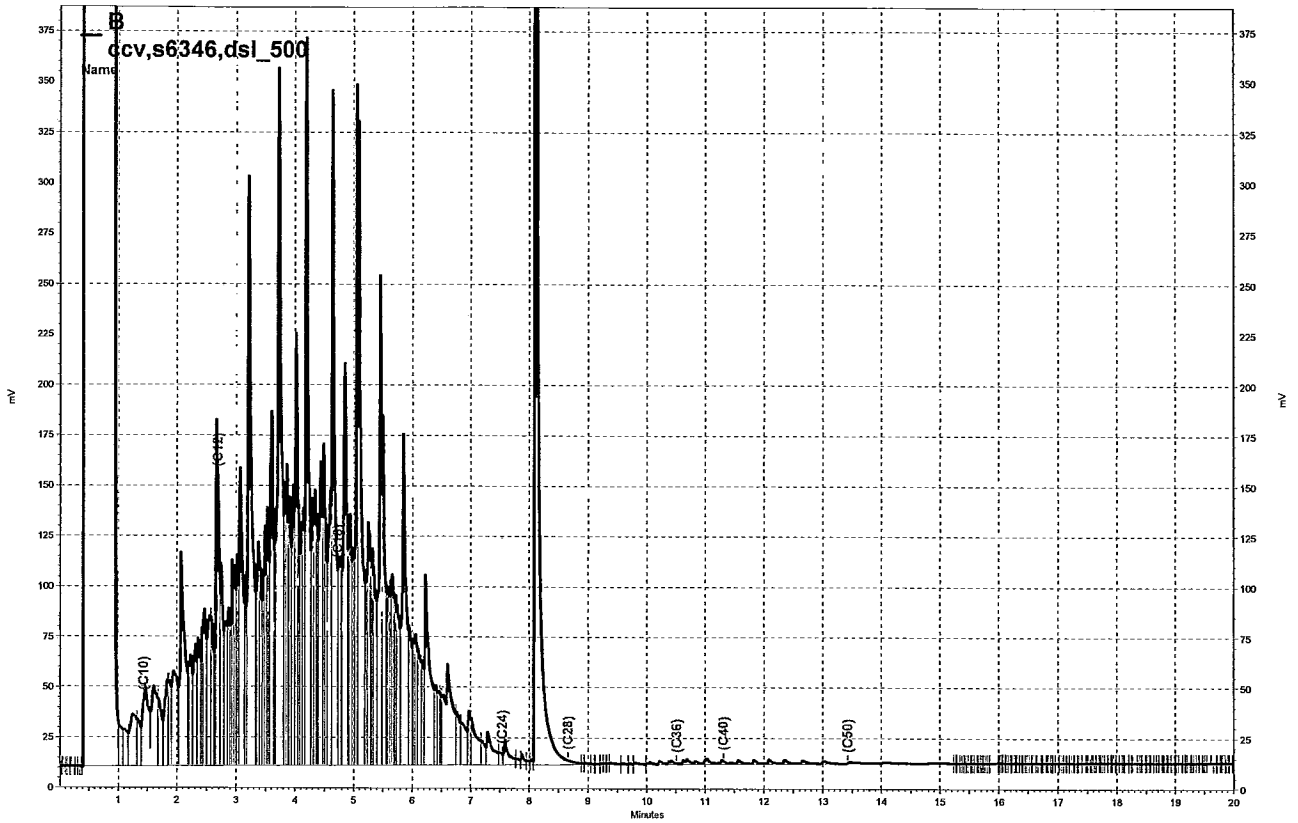

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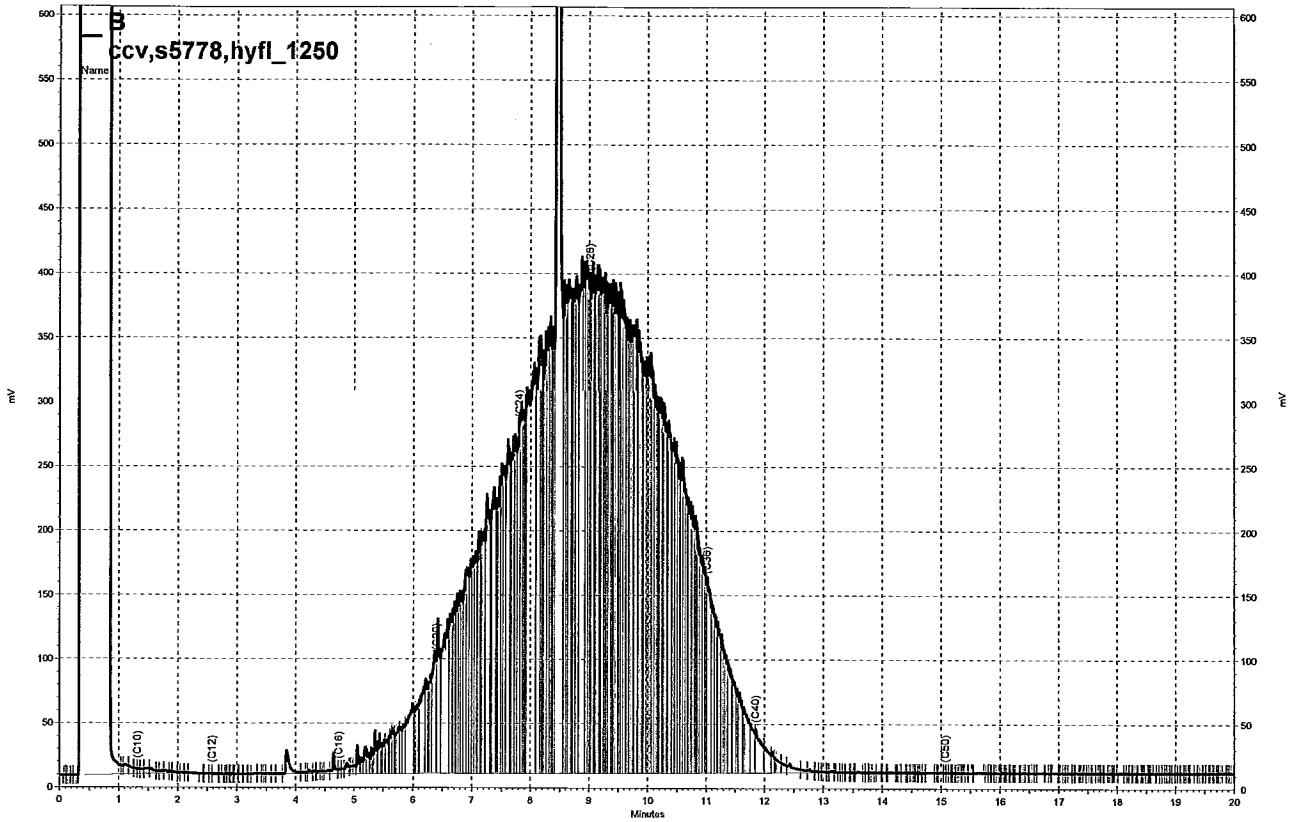

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Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	TB-1FT	Diln Fac:	500.0
Lab ID:	195330-001	Batch#:	126252
Matrix:	Soil	Sampled:	06/11/07
Units:	ug/Kg	Received:	06/11/07
Basis:	as received	Analyzed:	06/13/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	50,000
MTBE	ND	2,500
Isopropyl Ether (DIPE)	ND	2,500
Ethyl tert-Butyl Ether (ETBE)	ND	2,500
1,2-Dichloroethane	ND	2,500
Benzene	ND	2,500
Methyl tert-Amyl Ether (TAME)	ND	2,500
Toluene	5,000	2,500
1,2-Dibromoethane	ND	2,500
Ethylbenzene	5,600	2,500
m,p-Xylenes	24,000	2,500
o-Xylene	13,000	2,500

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-126
1,2-Dichloroethane-d4	107	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	108	80-126
Trifluorotoluene (MeOH)	DO	58-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	TB-3FT	Diln Fac:	100.0
Lab ID:	195330-002	Batch#:	126244
Matrix:	Soil	Sampled:	06/11/07
Units:	ug/Kg	Received:	06/11/07
Basis:	as received	Analyzed:	06/13/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10,000
MTBE	ND	500
Isopropyl Ether (DIPE)	ND	500
Ethyl tert-Butyl Ether (ETBE)	ND	500
1,2-Dichloroethane	ND	500
Benzene	ND	500
Methyl tert-Amyl Ether (TAME)	ND	500
Toluene	ND	500
1,2-Dibromoethane	ND	500
Ethylbenzene	ND	500
m,p-Xylenes	1,100	500
o-Xylene	880	500

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	105	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-126
Trifluorotoluene (MeOH)	118	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	TANK-SP-COMP	Diln Fac:	4.545
Lab ID:	195330-007	Batch#:	126198
Matrix:	Soil	Sampled:	06/11/07
Units:	ug/Kg	Received:	06/11/07
Basis:	as received	Analyzed:	06/12/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	450
MTBE	ND	23
Isopropyl Ether (DIPE)	ND	23
Ethyl tert-Butyl Ether (ETBE)	ND	23
1,2-Dichloroethane	ND	23
Benzene	ND	23
Methyl tert-Amyl Ether (TAME)	ND	23
Toluene	42	23
1,2-Dibromoethane	ND	23
Ethylbenzene	59	23
m,p-Xylenes	160	23
o-Xylene	240	23

Surrogate	%REC	Limits
Dibromofluoromethane	94	78-126
1,2-Dichloroethane-d4	94	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	113	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC391846	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126198
Units:	ug/Kg	Analyzed:	06/12/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	139.7	112	56-130
MTBE	25.00	23.67	95	66-120
Isopropyl Ether (DIPE)	25.00	23.36	93	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	22.57	90	68-120
1,2-Dichloroethane	25.00	23.24	93	73-120
Benzene	25.00	26.06	104	80-120
Methyl tert-Amyl Ether (TAME)	25.00	25.61	102	73-120
Toluene	25.00	26.32	105	80-120
1,2-Dibromoethane	25.00	24.36	97	80-120
Ethylbenzene	25.00	28.04	112	80-125
m,p-Xylenes	50.00	55.06	110	80-123
o-Xylene	25.00	26.44	106	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-126
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC391847	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126198
Units:	ug/Kg	Analyzed:	06/12/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	96	78-126
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9615
MSS Lab ID:	195321-004	Batch#:	126198
Matrix:	Soil	Sampled:	06/07/07
Units:	ug/Kg	Received:	06/08/07
Basis:	as received	Analyzed:	06/13/07

Type: MS Lab ID: QC391861

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<2.955	240.4	275.4	115	45-123
MTBE	<0.1843	48.08	48.37	101	55-120
Isopropyl Ether (DIPE)	<0.1664	48.08	48.52	101	50-120
Ethyl tert-Butyl Ether (ETBE)	<0.08716	48.08	47.06	98	58-120
1,2-Dichloroethane	<0.1905	48.08	43.29	90	56-120
Benzene	0.1592	48.08	47.21	98	61-122
Methyl tert-Amyl Ether (TAME)	<0.1735	48.08	50.43	105	60-120
Toluene	<0.5313	48.08	45.57	95	57-124
1,2-Dibromoethane	<0.2137	48.08	43.47	90	57-120
Ethylbenzene	<0.5605	48.08	43.97	91	55-129
m,p-Xylenes	<1.257	96.15	84.06	87	53-127
o-Xylene	<0.4957	48.08	40.92	85	54-127

Surrogate	%REC	Limits
Dibromofluoromethane	103	78-126
1,2-Dichloroethane-d4	101	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-126

Type: MSD Lab ID: QC391862

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	240.4	285.1	119	45-123	3	32
MTBE	48.08	48.00	100	55-120	1	20
Isopropyl Ether (DIPE)	48.08	47.86	100	50-120	1	20
Ethyl tert-Butyl Ether (ETBE)	48.08	45.96	96	58-120	2	20
1,2-Dichloroethane	48.08	42.19	88	56-120	3	20
Benzene	48.08	46.77	97	61-122	1	20
Methyl tert-Amyl Ether (TAME)	48.08	49.80	104	60-120	1	20
Toluene	48.08	44.63	93	57-124	2	21
1,2-Dibromoethane	48.08	42.60	89	57-120	2	20
Ethylbenzene	48.08	42.62	89	55-129	3	23
m,p-Xylenes	96.15	82.25	86	53-127	2	23
o-Xylene	48.08	39.66	82	54-127	3	22

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-126
1,2-Dichloroethane-d4	101	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	106	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	126244
Basis:	as received	Analyzed:	06/13/07

Type: BS Lab ID: QC392058

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	136.6	109	56-130
MTBE	25.00	23.50	94	66-120
Isopropyl Ether (DIPE)	25.00	23.03	92	57-120
Ethyl tert-Butyl Ether (ETBE)	25.00	22.48	90	68-120
1,2-Dichloroethane	25.00	22.97	92	73-120
Benzene	25.00	25.16	101	80-120
Methyl tert-Amyl Ether (TAME)	25.00	24.66	99	73-120
Toluene	25.00	26.18	105	80-120
1,2-Dibromoethane	25.00	23.62	94	80-120
Ethylbenzene	25.00	27.61	110	80-125
m,p-Xylenes	50.00	54.65	109	80-123
o-Xylene	25.00	25.61	102	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	96	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	102	80-126

Type: BSD Lab ID: QC392059

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	125.0	100	56-130	9	28
MTBE	25.00	23.27	93	66-120	1	20
Isopropyl Ether (DIPE)	25.00	23.20	93	57-120	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	22.39	90	68-120	0	20
1,2-Dichloroethane	25.00	22.67	91	73-120	1	20
Benzene	25.00	25.00	100	80-120	1	20
Methyl tert-Amyl Ether (TAME)	25.00	24.87	99	73-120	1	20
Toluene	25.00	25.85	103	80-120	1	20
1,2-Dibromoethane	25.00	23.21	93	80-120	2	20
Ethylbenzene	25.00	27.81	111	80-125	1	20
m,p-Xylenes	50.00	53.59	107	80-123	2	20
o-Xylene	25.00	25.69	103	80-122	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-126
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	101	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC392060	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126244
Units:	ug/Kg	Analyzed:	06/13/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-126
1,2-Dichloroethane-d4	104	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC392087	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126252
Units:	ug/Kg	Analyzed:	06/13/07

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
MTBE	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Methyl tert-Amyl Ether (TAME)	ND	5.0
Toluene	ND	5.0
1,2-Dibromoethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	78-126
1,2-Dichloroethane-d4	105	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC392088	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126252
Units:	ug/Kg	Analyzed:	06/13/07

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	250.0	241.3	97	56-130
MTBE	50.00	47.51	95	66-120
Isopropyl Ether (DIPE)	50.00	43.56	87	57-120
Ethyl tert-Butyl Ether (ETBE)	50.00	46.86	94	68-120
1,2-Dichloroethane	50.00	47.39	95	73-120
Benzene	50.00	45.05	90	80-120
Methyl tert-Amyl Ether (TAME)	50.00	46.88	94	73-120
Toluene	50.00	45.86	92	80-120
1,2-Dibromoethane	50.00	46.80	94	80-120
Ethylbenzene	50.00	48.34	97	80-125
m,p-Xylenes	100.0	93.18	93	80-123
o-Xylene	50.00	46.64	93	80-122

Surrogate	%REC	Limits
Dibromofluoromethane	106	78-126
1,2-Dichloroethane-d4	109	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126

Curtis & Tompkins, Ltd.

Lead

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	126226
Matrix:	Soil	Sampled:	06/11/07
Units:	mg/Kg	Received:	06/11/07
Basis:	as received	Prepared:	06/12/07
Diln Fac:	1.000		

Field ID	Type	Lab ID	Result	RL	Analyzed
TB-1FT	SAMPLE	195330-001	150	0.15	06/13/07
TB-3FT	SAMPLE	195330-002	320	0.15	06/13/07
TANK-SP-COMP	SAMPLE	195330-007	290	0.15	06/13/07
	BLANK	QC391980	ND	0.15	06/12/07

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Lead

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	126226
MSS Lab ID:	195273-001	Sampled:	06/06/07
Matrix:	Soil	Received:	06/07/07
Units:	mg/Kg	Prepared:	06/12/07
Basis:	as received	Analyzed:	06/12/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC391981		100.0	100.7	101	80-120		
BSD	QC391982		100.0	100.8	101	80-120	0	20
MS	QC391983	5.652	93.46	92.82	93	55-122		
MSD	QC391984		90.91	91.47	94	55-122	1	26

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Lead

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	WET
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	126406
Field ID:	TANK-SP-COMP	Sampled:	06/11/07
Matrix:	WET Leachate	Received:	06/11/07
Units:	ug/L	Prepared:	06/18/07
Diln Fac:	10.00	Analyzed:	06/18/07

Type	Lab ID	Result	RL
SAMPLE	195330-007	1,400	150
BLANK	QC392724	ND	150

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Lead

Lab #:	195330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	WET
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	126406
Field ID:	TANK-SP-COMP	Sampled:	06/11/07
MSS Lab ID:	195330-007	Received:	06/11/07
Matrix:	WET Leachate	Prepared:	06/18/07
Units:	ug/L	Analyzed:	06/18/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln Fac
BS	QC392725		2,000	1,918	96	80-120			1.000
BSD	QC392726		2,000	1,951	98	80-120	2	20	1.000
MS	QC392727	1,416	10,000	10,770	94	70-120			10.00
MSD	QC392728		10,000	11,070	97	70-120	3	20	10.00

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 105330

Sampler: Neil Doran
Report To: Neil Doran
Company: SECOR
Telephone: (925) 299-9300 x 237
Fax: -9302

Project No.: 050T.50238.00
Project Name: Kaiser MOB
Project P.O.:
Turnaround Time: Std / 48-Hr Rush

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPHd	O&G	TPHg	BTEX	7 Fuel Oxygenates	Total Lead	4-point Composite	Standard TAT	48-Hr Rush
-1	TB-1FT	6/11/07 - 1234	✓			1				X	X	X	X	X	X	X		X	
-2	TB-3FT	" - 1242	✓			1				X	X	X	X	X	X	X		X	
-3	Tank-SP-1	" - 1247	✓			1				X									
-4	Tank-SP-2	" - 1248	✓			1				X									
-5	Tank-SP-3	" - 1249	✓			1				X									
-6	Tank-SP-4	" - 1250	✓			1				X									

COMP -1

Notes: Samples are HOT. -48-Hr RUSH for the 4-point Composite

SAMPLE RECEIPT
☒ Intact ☒ Cold
☐ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY: Neil Doran / SECOR — 6-11-07 1335 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY: Anne Kath — 06/11/07 13:38 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

Calscience
Environmental
Laboratories, Inc.

July 05, 2007

Anne Kathain
Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Subject: **Calscience Work Order No.: 07-06-1992**
Client Reference: 195621

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/27/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Vikas Patel

Calscience Environmental
Laboratories, Inc.
Vikas Patel
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 06/27/07
Work Order No: 07-06-1992

Project: 195621

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TB-6FT	**07-06-1992-1**	**06/26/07**	**Solid**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM: Oil and Grease	900	10	1		mg/kg	06/29/07	06/29/07	EPA 1664A M

Method Blank				**N/A**	**Solid**			

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
HEM: Oil and Grease	ND	10	1		mg/kg	06/29/07	06/29/07	EPA 1664A M

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: N/A
Work Order No: 07-06-1992

Project: 195621

Matrix: Solid

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
HEM: Oil and Grease	EPA 1664A M	099-12-040-88	06/29/07	06/29/07	100	108	80-120	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-1992

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

Project Number: 195621
Site: Kaiser - Oakland

Subcontract Laboratory:
Cal Science
7440 Lincoln Way
Garden Grove, CA 92841-1432
(714) 895-5494
ATTN: Jason Torres

Results due: Report Level: II

Please send report to: Anne Kathain
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
WO-B	06/26 10:15	Soil	1664	195621-001	

Notes:	Relinquished By:	Received By:
CALIFORNIA OVERNIGHT C10129000045834	Date/Time: 6/26/07 1325	Date/Time: 6-27-07 0800

Signature on this form constitutes a firm Purchase Order for the services requested above.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 06 - 1992

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Curtis & Tompkins DATE: 6-27-07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.0 °C IR thermometer.
_____ Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

Vikas Patel

From: Anne Kathain [anne@ctberk.com]
Sent: Tuesday, July 03, 2007 4:56 PM
To: Vikas Patel
Subject: ID change for 195621

Please change the sample ID to TB-6FT for this report.

Thank you.

Anne

--
Anne Kathain
Project Manager
Curtis & Tompkins, Ltd.
2323 5th Street
Berkeley, CA 94710

510 204 2225
www.curtisandtompkins.com
anne@ctberk.com

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195621

Sampler: Khamly Chuop
Project No.: 050T.50238.01 Report To: Greg Hoehn
Project Name: Kaiser-Broadway Company: SECOR
Project P.O.: Telephone: 925-299-9300
Turnaround Time: STD Fax: 925-299-9302

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPH-g (8015)	TPH-d (8015)	Oil & Grease 1664A	BTEX 8260	LEAD 6010B
-1	WO-B	6/26/07 1015	X			2				X	X	X	X	X	X

Notes:

SAMPLE RECEIPT
☒ Intact ☒ Cold
☒ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY: K Chuop 6/26/07 1110 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY: 6-26-07 1110 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

cold & Intact

Subject: RE: 050T.50238.00 - C&T Reports (195621)
From: "Greg Hoehn" <ghoehn@secor.com>
Date: Tue, 3 Jul 2007 15:19:24 -0700
To: "Anne Kathain" <Anne@ctberk.com>

Anne:

Sorry to do this to you again, will you please rename the sample in the report referenced above to TB-6FT. Sorry for asking you to do this again.

Thanks,

Greg Hoehn
Principal Geologist
SECOR - San Francisco
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Ph: (925) 299-9300
Fx: (925) 299-9302
Web: www.secor.com
Email: ghoehn@secor.com

-----Original Message-----
From: Anne Kathain [mailto:Anne@ctberk.com]
Sent: Tuesday, July 03, 2007 2:33 PM
To: Greg Hoehn
Cc: Khamly Chuop
Subject: 050T.50238.00 - C&T Reports (195621)

Attached is a PDF version of the hardcopy reports for C&T job 195621.
The 1664 results are not
available at this time, I will forward them as soon as I receive them.

Email compiled and sent 07/03/07 02:32 PM.

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 195621

SECOR 57 Lafayette Circle Lafayette, CA 94549-4321	Project : 050T.50238.00 Location : Kaiser - Oakland Level : II

Sample ID	Lab ID
TB-6FT	195621-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Signature: _____ Date: 07/05/2007
Project Manager

Signature: _____ Date: 07/05/2007
Operations Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**195621**
Client:	**SECOR**
Project:	**050T.50238.00**
Location:	**Kaiser - Oakland**
Request Date:	**06/26/07**
Samples Received:	**06/26/07**

This hardcopy data package contains sample and QC results for one soil sample, requested for the above referenced project on 06/26/07. The sample was received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
High surrogate recovery was observed for 1,2-dichloroethane-d4 in TB-6FT (lab # 195621-001); no target analytes were detected in the sample. No other analytical problems were encountered.

Metals (EPA 6010B):
Low recovery was observed for lead in the MS of TB-6FT (lab # 195621-001); the BS/BSD were within limits. High RPD was also observed for lead in the MS/MSD of TB-6FT (lab # 195621-001); the RPD was acceptable in the BS/BSD. No other analytical problems were encountered.

Oil & Grease in Soil (EPA 1664):
Cal Science in Garden Grove, CA performed the analysis. Please see the Cal Science case narrative.

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	TB-6FT	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126671
Units:	mg/Kg	Sampled:	06/26/07
Basis:	as received	Received:	06/26/07

Type: SAMPLE Analyzed: 06/27/07
Lab ID: 195621-001

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	106	70-132
Bromofluorobenzene (FID)	127	66-138

Type: BLANK Analyzed: 06/26/07
Lab ID: QC393799

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	115	66-138

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC393800	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126671
Units:	mg/Kg	Analyzed:	06/26/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.393	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	70-132
Bromofluorobenzene (FID)	130	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A1-34-15'	Diln Fac:	1.000
MSS Lab ID:	195575-018	Batch#:	126671
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Type: MS Lab ID: QC393801

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.09927	9.615	8.535	88	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	99	66-138

Type: MSD Lab ID: QC393802

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.615	8.720	90	36-120	2	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	111	66-138

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	TB-6FT	Batch#:	126798
Matrix:	Soil	Sampled:	06/26/07
Units:	mg/Kg	Received:	06/26/07
Basis:	as received	Prepared:	06/29/07

Type:	SAMPLE	Diln Fac:	5.000
Lab ID:	195621-001	Analyzed:	07/02/07

Analyte	Result	RL
Diesel C10-C24	520 H L Y	5.0

Surrogate	%REC	Limits
Hexacosane	78	40-127

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC394326	Analyzed:	06/29/07

Analyte	Result	RL
Diesel C10-C24	ND	0.99

Surrogate	%REC	Limits
Hexacosane	87	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC394327	Batch#:	126798
Matrix:	Soil	Prepared:	06/29/07
Units:	mg/Kg	Analyzed:	07/02/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.59	30.32	61	58-127

Surrogate	%REC	Limits
Hexacosane	69	40-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	126798
MSS Lab ID:	195629-011	Sampled:	06/25/07
Matrix:	Soil	Received:	06/26/07
Units:	mg/Kg	Prepared:	06/29/07
Basis:	as received	Analyzed:	07/02/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC394328

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	12.16	49.56	37.72	52	29-147

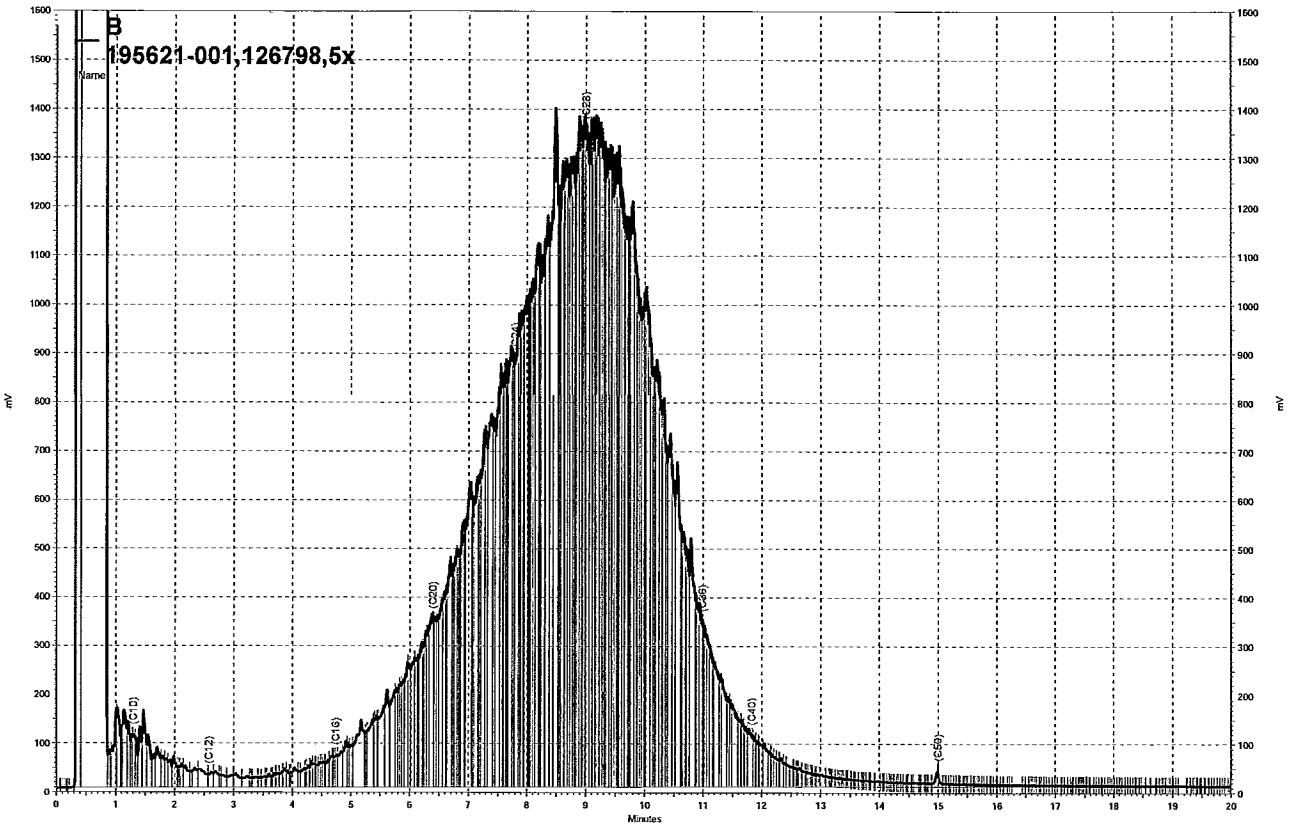
Surrogate	%REC	Limits
Hexacosane	63	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC394329

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.88	41.77	59	29-147	10	46

Surrogate	%REC	Limits
Hexacosane	67	40-127

RPD= Relative Percent Difference



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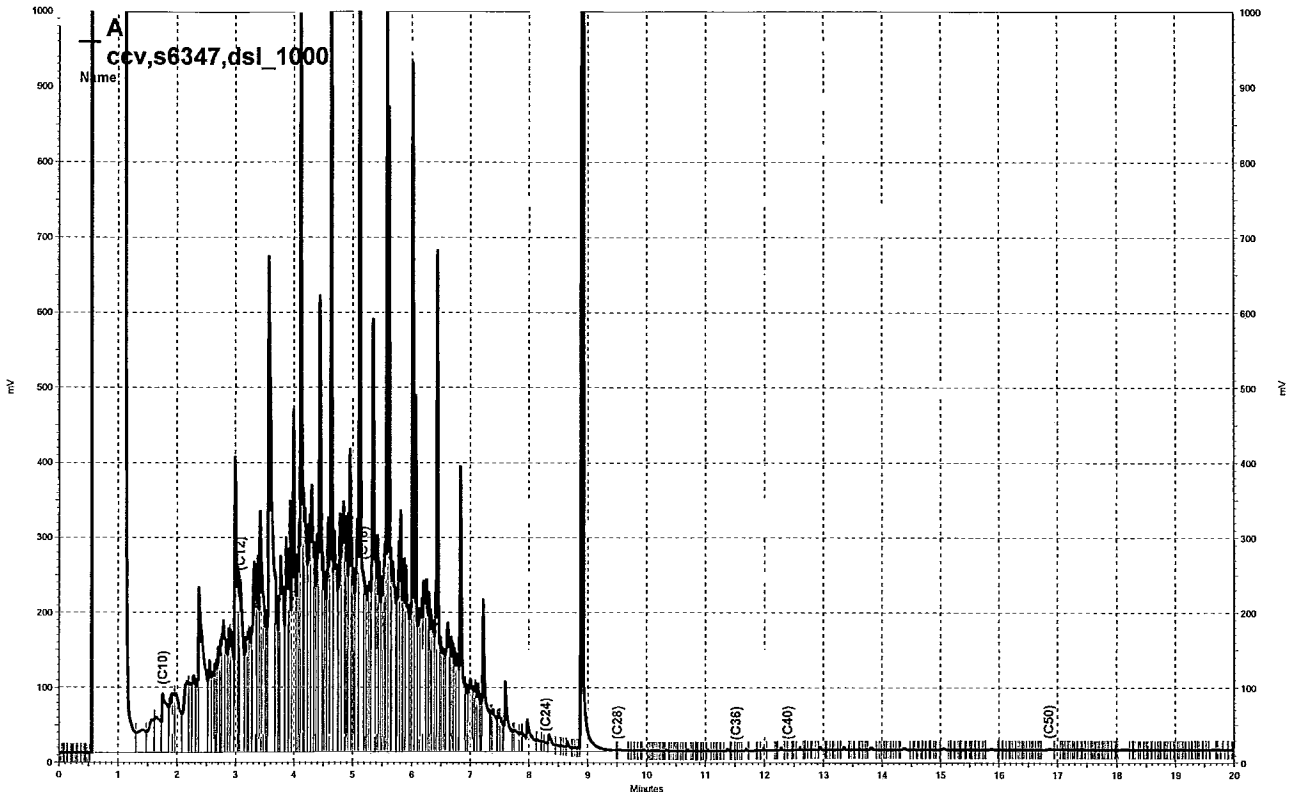

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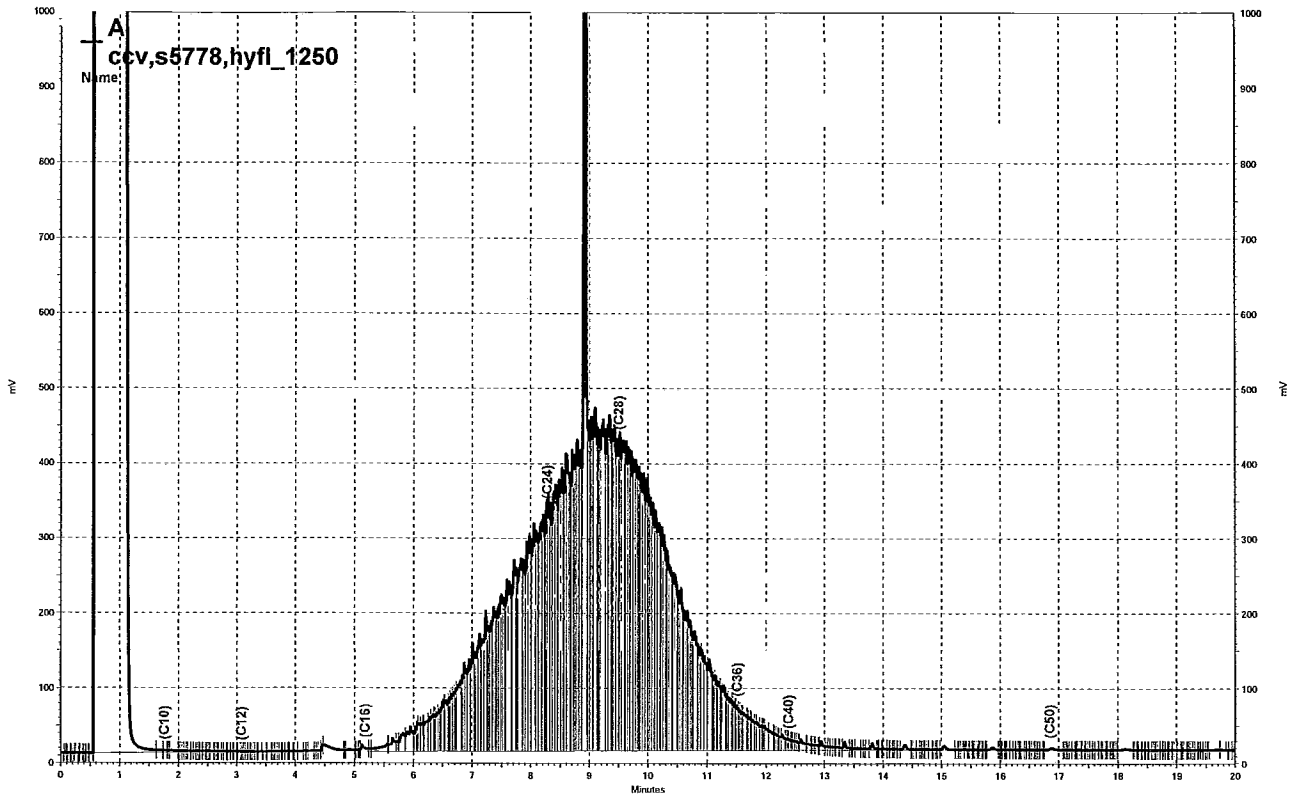

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Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	TB-6FT	Diln Fac:	0.9091
Lab ID:	195621-001	Batch#:	126661
Matrix:	Soil	Sampled:	06/26/07
Units:	ug/Kg	Received:	06/26/07
Basis:	as received	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	4.5
Benzene	ND	4.5
Toluene	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	138 *	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	108	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393756	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126661
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	25.25	101	66-120
Benzene	25.00	23.21	93	80-120
Toluene	25.00	23.06	92	80-120
Ethylbenzene	25.00	24.67	99	80-125
m,p-Xylenes	50.00	46.26	93	80-123
o-Xylene	25.00	23.11	92	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	133	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	103	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393757	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126661
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	107	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9434
MSS Lab ID:	195597-001	Batch#:	126661
Matrix:	Soil	Sampled:	06/22/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Type: MS Lab ID: QC393776

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1117	47.17	52.09	110	55-120
Benzene	<0.1853	47.17	45.94	97	61-122
Toluene	<0.2428	47.17	46.45	98	57-124
Ethylbenzene	<0.3427	47.17	49.18	104	55-129
m,p-Xylenes	<0.5633	94.34	92.48	98	53-127
o-Xylene	<0.1679	47.17	46.61	99	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	134	76-135
Toluene-d8	104	80-120
Bromofluorobenzene	101	80-126

Type: MSD Lab ID: QC393777

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	47.17	48.32	102	55-120	8	20
Benzene	47.17	45.13	96	61-122	2	20
Toluene	47.17	46.15	98	57-124	1	21
Ethylbenzene	47.17	49.37	105	55-129	0	23
m,p-Xylenes	94.34	92.22	98	53-127	0	23
o-Xylene	47.17	46.11	98	54-127	1	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	102	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Lead

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	126735
Field ID:	TB-6FT	Sampled:	06/26/07
Matrix:	Soil	Received:	06/26/07
Units:	mg/Kg	Prepared:	06/27/07
Basis:	as received	Analyzed:	06/28/07
Diln Fac:	1.000		

Type	Lab ID	Result	RL
SAMPLE	195621-001	120	0.15
BLANK	QC394092	ND	0.15

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Lead

Lab #:	195621	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	TB-6FT	Batch#:	126735
MSS Lab ID:	195621-001	Sampled:	06/26/07
Matrix:	Soil	Received:	06/26/07
Units:	mg/Kg	Prepared:	06/27/07
Basis:	as received	Analyzed:	06/28/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC394093		100.0	92.74	93	80-120		
BSD	QC394094		100.0	94.51	95	80-120	2	20
MS	QC394095	117.4	93.46	150.7	36 *	55-122		
MSD	QC394096		100.0	208.7	91	55-122	29 *	26

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

APPENDIX B

Well Destruction Permit and DWR Report

Soil Management Implementation Report
3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
June 11, 2008

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 07/19/2007 By jamesy

Permit Numbers: W2007-0788
Permits Valid from 07/20/2007 to 07/20/2007

Application Id: 1184369884198
City of Project Site: Oakland
Site Location: 3700 Broadway, Oakland, CA
Project Start Date: 07/20/2007
Completion Date: 07/20/2007

Applicant: Secor International - Khamly Chuop
57 Lafayette Circle, 2nd Flr., Lafayette, CA 94549
Phone: 925-299-9300

Property Owner: Kaiser Permanente
1100 San Leandro Blvd., San Leandro, CA 94577
Phone: 510-618-5862

Client: ** same as Property Owner **

Total Due: $300.00
Receipt Number: WR2007-0316 **Total Amount Paid:** $300.00
Payer Name : Secor Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Piezometer-Seismic Monitoring - 1 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: other **Work Total: $300.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2007-0788	07/19/2007	10/18/2007	---	8.00 in.	2.00 in.	0.00 ft	31.00 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate state reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days, including permit number and site map.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

5. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground

Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

6. Applicant shall contact James Yoo for an inspection time at 510-670-6633 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

7. Pressure Grout with Cement (Less than 30 ft in depth. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

8. Remove well by excavation. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

9. Tremie Grout with Cement (More than 30 ft in depth). After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

LEGEND:

- SB-67 — PROPOSED SOIL BORING LOCATION (SOIL SAMPLING ONLY)
- SB-66 — PROPOSED SOIL BORING LOCATION (SOIL AND GROUNDWATER SAMPLING)
- SB-1 — SECOR SOIL BORING LOCATION (FEBRUARY 2004)
- SB-13 — SECOR SOIL BORING LOCATION (JANUARY 2006)
- CHEVRON MONITORING WELL
- HYDRAULIC HOIST
- PROPERTY LINE LOCATIONS
- BUILDING FOOTPRINT

SB-10
SB-12
SB-11
SB-9
SB-8
SB-7
SB-4
SB-53
SB-5
SB-51
SB-52
SB-6
FORMER UST's
3735-3757 BROADWAY (FORMER HONDA DEALERSHIP)
3781 BROADWAY (FORMER APPLIED RESEAECH OFFICE BUILDING)
SB-75
SB-77
SB-74
APPROXIMATE LOCATION OF FORMER WASTE OIL UST
SB-73
SB-72
SB-71
SB-70
SB-69
SB-68
SUMP
OFFICE
3785 BROADWAY (FIRESTONE)
SB-76
SB-57
SB-56
SB-55
SB-54
3793 BROADWAY (FORMER BROADWAY PET HOTEL)
SB-64
well abandoned
WASTE OIL AST
SB-62
SB-61
SB-60
SB-59
SB-58
OFFICE
SB-65
3799 BROADWAY (MIDAS)
SB-66
SB-67

N

0 40 80

APPROXIMATE SCALE IN FEET

REFERENCE: Base Map Provided by;
BKF; Engineers/Surveyors/Planners
Received by email November 2005

SECOR
57 Lafayette Circle, 2nd Floor
Lafayette, CA
PHONE:(925) 299-9300 FAX:(925) 299-9302

FOR:
KAISER PERMANENTE
3735-3799 BROADWAY
OAKLAND, CA

SITE PLAN AND
PROPOSED SOIL BORING LOCATIONS

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
05OT.50238.00.0012	RRR	GH/ND	GH	08/10/06

FILEPATH:Q:\CADD-05\KAISER\Oakland\3701-3757 BROADWAY\Oakland - 3701 Broadway MOB_Construction\05OT.50238.00.0012\Kaiser - Oakland - 3701 BROADWAY MOB_Constuction - Figure 2 - new Site Vinicity.dwg|rroggasch|Aug 11, 2006 at 12:10|Layout: Figure 2 - PROPOSED SB and SP

APPENDIX C
Disposal Documentation

Soil Management Implementation Report
3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
June 11, 2008

Job: 607113
Altamont Landfill By The Ton
Dump Code: 9501
STI Trucking By The Ton
Haul Code: 9502

Customer Summary Report
Criteria: 07/25/2007 12:00 AM to 07/25/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305 (USA)
User: Pfriddle
Date: Jul 30 2007, 7:52:15 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)
Ticket Type: All
Customer Type: All

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Yards	Tons
7/25/2007	757112	Pacific States Environmental	164-Kaiser Permanente	waf	55420701	9b88899	C2 Cover RGC-Tons	Oakland	TON	0	17.09
7/25/2007	757116	Pacific States Environmental	164-Kaiser Permanente	WAF	55420701	9b88743	C2 Cover RGC-Tons	Oakland	TON	0	20.28
7/25/2007	757119	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9d00043	C2 Cover RGC-Tons	Oakland	TON	0	15.82
7/25/2007	757120	Pacific States Environmental	164-Kaiser Permanente	WAF	55420701	9D19466	C2 Cover RGC-Tons	Oakland	TON	0	18.19
7/25/2007	757121	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9d74150	C2 Cover RGC-Tons	Oakland	TON	0	18.73
7/25/2007	757124	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9d82174	C2 Cover RGC-Tons	Oakland	TON	0	18.08
7/25/2007	757131	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9A31016	C2 Cover RGC-Tons	Oakland	TON	0	19.77
7/25/2007	757132	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D42828	C2 Cover RGC-Tons	Oakland	TON	0	19.84
7/25/2007	757138	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D12670	C2 Cover RGC-Tons	Oakland	TON	0	17.56
7/25/2007	757141	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B11623	C2 Cover RGC-Tons	Oakland	TON	0	19.01
7/25/2007	757144	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D10275	C2 Cover RGC-Tons	Oakland	TON	0	18.32
7/25/2007	757147	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9C47278	C2 Cover RGC-Tons	Oakland	TON	0	19.27
7/25/2007	757153	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D99020	C2 Cover RGC-Tons	Oakland	TON	0	19.53
7/25/2007	757158	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d73908	C2 Cover RGC-Tons	Oakland	TON	0	19.02
7/25/2007	757243	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D78047WT	C2 Cover RGC-Tons	Oakland	TON	0	19.3
Material Total	15									0	279.81
Customer Total	15									0	279.81
Ticket Totals	15									0	279.81

[redacted]

Job: 607113
Altamont Landfill By The Ton
Dump Code: 9501
Trucker is Denbeste By The Ton
Haul Code: 9502

Customer Summary Report
Criteria: 04/16/2007 12:00 AM to 04/16/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305
User: Pfriddle
Date: Apr 18 2007, 1:58:24 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Tons
4/16/2007	741644	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	23.45
4/16/2007	741646	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	23.70
4/16/2007	741651	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B89822-DB188	C2 Cover RGC-Tons	Oakland	TON	23.48
4/16/2007	741653	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64383-DB196	C2 Cover RGC-Tons	Oakland	TON	23.98
4/16/2007	741655	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D55619-DB122	C2 Cover RGC-Tons	Oakland	TON	24.78
4/16/2007	741661	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D31574-DB197	C2 Cover RGC-Tons	Oakland	TON	24.92
4/16/2007	741696	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	23.14
4/16/2007	741700	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	23.82
4/16/2007	741705	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B89822-DB188	C2 Cover RGC-Tons	Oakland	TON	23.19
4/16/2007	741710	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D64383-DB196	C2 Cover RGC-Tons	Oakland	TON	26.09
4/16/2007	741721	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D31574-DB197	C2 Cover RGC-Tons	Oakland	TON	25.15
4/16/2007	741722	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D55619-DB122	C2 Cover RGC-Tons	Oakland	TON	23.91
4/16/2007	741749	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	24.73
4/16/2007	741750	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	23.50
4/16/2007	741754	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B89822-DB188	C2 Cover RGC-Tons	Oakland	TON	23.94
4/16/2007	741758	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64383-DB196	C2 Cover RGC-Tons	Oakland	TON	25.49
4/16/2007	741759	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D31574-DB197	C2 Cover RGC-Tons	Oakland	TON	23.13
4/16/2007	741762	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D55619-DB122	C2 Cover RGC-Tons	Oakland	TON	23.30
Material Total	18									433.70
Customer Total	18									433.70
Ticket Totals	18									433.70

[redacted]

Job: 607113
Altamont Landfill By The Ton
Dump Code: 9501
Trucker Is Denbeste By The Ton
Haul Code: 9502

Customer Summary Report
Criteria: 04/17/2007 12:00 AM to 04/17/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305
User: Pfriddle
Date: Apr 18 2007, 4:17:26 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Tons
4/17/2007	741822	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B89822-DB188	C2 Cover RGC-Tons	Oakland	TON	23.61
4/17/2007	741832	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	24.21
4/17/2007	741849	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64383-DB196	C2 Cover RGC-Tons	Oakland	TON	23.08
4/17/2007	741853	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D31574-DB197	C2 Cover RGC-Tons	Oakland	TON	23.54
4/17/2007	741858	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D55619-DB122	C2 Cover RGC-Tons	Oakland	TON	23.4
4/17/2007	741864	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B21582-DB199	C2 Cover RGC-Tons	Oakland	TON	24.18
4/17/2007	741898	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B89822-DB188	C2 Cover RGC-Tons	Oakland	TON	23.62
4/17/2007	741909	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	24.71
4/17/2007	741911	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	23.97
4/17/2007	741922	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64383-DB196	C2 Cover RGC-Tons	Oakland	TON	24.56
4/17/2007	741925	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D55619-DB122	C2 Cover RGC-Tons	Oakland	TON	22.25
4/17/2007	741931	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D31574-DB197	C2 Cover RGC-Tons	Oakland	TON	24.58
4/17/2007	741937	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B21582-DB199	C2 Cover RGC-Tons	Oakland	TON	23.49
4/17/2007	741958	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B89822-DB188	C2 Cover RGC-Tons	Oakland	TON	23.59
4/17/2007	741973	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	24.86
4/17/2007	741976	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64383-DB196	C2 Cover RGC-Tons	Oakland	TON	24.98
4/17/2007	741979	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D31574-DB197	C2 Cover RGC-Tons	Oakland	TON	23.27
4/17/2007	741981	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B21582-DB199	C2 Cover RGC-Tons	Oakland	TON	25.73
4/17/2007	741991	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	24.16
4/17/2007	741993	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D55619-DB122	C2 Cover RGC-Tons	Oakland	TON	22.84
Material Total	20									478.63
Customer Total	20									478.63
Ticket Totals	20									478.63

Internal Customer	Loads	Tons	Total Ticket Amount

Job: 607113
Altamont Landfill By The Ton
Dump Code: 9501
Trucker Is Denbeste By The Ton
Haul Code: 9502

Customer Summary Report
Criteria: 04/24/2007 12:00 AM to 04/24/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305
User: Pfriddle
Date: Apr 25 2007, 8:24:02 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Yards	Tons
4/24/2007	742760	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D89402	C2 Cover RGC-Tons	Oakland	TON	0	19.58
4/24/2007	742763	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9C41439	C2 Cover RGC-Tons	Oakland	TON	0	17.78
4/24/2007	742764	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D44724-WT	C2 Cover RGC-Tons	Oakland	TON	0	21.03
4/24/2007	742769	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D78090	C2 Cover RGC-Tons	Oakland	TON	0	18.87
4/24/2007	742778	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B98370-WT	C2 Cover RGC-Tons	Oakland	TON	0	23.68
4/24/2007	742779	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9A61073WT	C2 Cover RGC-Tons	Oakland	TON	0	20.08
4/24/2007	742786	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B05976	C2 Cover RGC-Tons	Oakland	TON	0	18.46
4/24/2007	742787	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP25535	C2 Cover RGC-Tons	Oakland	TON	0	22.32
4/24/2007	742791	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D35727	C2 Cover RGC-Tons	Oakland	TON	0	22.84
4/24/2007	742805	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D89402	C2 Cover RGC-Tons	Oakland	TON	0	21.73
4/24/2007	742811	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9C41439	C2 Cover RGC-Tons	Oakland	TON	0	16.88
4/24/2007	742814	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D78090	C2 Cover RGC-Tons	Oakland	TON	0	20.97
4/24/2007	742815	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D44724-WT	C2 Cover RGC-Tons	Oakland	TON	0	23.2
4/24/2007	742822	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B05976	C2 Cover RGC-Tons	Oakland	TON	0	19.9
4/24/2007	742823	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9A61073WT	C2 Cover RGC-Tons	Oakland	TON	0	23.66
4/24/2007	742825	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	UP25535	C2 Cover RGC-Tons	Oakland	TON	0	23.46
4/24/2007	742827	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B98370-WT	C2 Cover RGC-Tons	Oakland	TON	0	22.38
4/24/2007	742833	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9C41439	C2 Cover RGC-Tons	Oakland	TON	0	18.95
Material Total	18									0	375.77
Customer Total	18									0	375.77
Ticket Totals	18									0	375.77

Job: 607113
Altamont Landfill By The Ton
Dump Code: 9501
Trucker Is Denbeste By The Ton
Haul Code: 9502

Customer Summary Report
Criteria: 04/25/2007 12:00 AM to 04/25/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305
User: Pfriddle
Date: Apr 26 2007, 11:40:35 AM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Yards	Tons
4/25/2007	742898	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	0	22.99
4/25/2007	742899	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	0	24.55
4/25/2007	742907	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D44724-WT	C2 Cover RGC-Tons	Oakland	TON	0	23.75
4/25/2007	742910	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B98370-WT	C2 Cover RGC-Tons	Oakland	TON	0	24.22
4/25/2007	742911	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9A61073WT	C2 Cover RGC-Tons	Oakland	TON	0	25.66
4/25/2007	742915	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	CP70816WT	C2 Cover RGC-Tons	Oakland	TON	0	22.24
4/25/2007	742916	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B97495WT	C2 Cover RGC-Tons	Oakland	TON	0	22.91
4/25/2007	742919	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP68935	C2 Cover RGC-Tons	Oakland	TON	0	23.37
4/25/2007	742926	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D89402	C2 Cover RGC-Tons	Oakland	TON	0	20.73
4/25/2007	742966	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	0	24.19
4/25/2007	742968	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	0	24.05
4/25/2007	742975	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D44724-WT	C2 Cover RGC-Tons	Oakland	TON	0	22.99
4/25/2007	742980	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B98370-WT	C2 Cover RGC-Tons	Oakland	TON	0	22.57
4/25/2007	742984	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9A61073WT	C2 Cover RGC-Tons	Oakland	TON	0	24.49
4/25/2007	742986	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B97495WT	C2 Cover RGC-Tons	Oakland	TON	0	23.92
4/25/2007	742992	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D89402	C2 Cover RGC-Tons	Oakland	TON	0	21.89
4/25/2007	742993	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	CP70816WT	C2 Cover RGC-Tons	Oakland	TON	0	24.32
4/25/2007	742996	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP68935	C2 Cover RGC-Tons	Oakland	TON	0	24.01
4/25/2007	743011	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D72770-DB334	C2 Cover RGC-Tons	Oakland	TON	0	23.64
4/25/2007	743013	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D42753-DB302	C2 Cover RGC-Tons	Oakland	TON	0	23.9
4/25/2007	743019	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D44724-WT	C2 Cover RGC-Tons	Oakland	TON	0	22.47
4/25/2007	743026	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D89402	C2 Cover RGC-Tons	Oakland	TON	0	22.24
4/25/2007	743027	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B97495WT	C2 Cover RGC-Tons	Oakland	TON	0	23.09
4/25/2007	743030	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B98370-WT	C2 Cover RGC-Tons	Oakland	TON	0	23.46
4/25/2007	743032	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9A61073WT	C2 Cover RGC-Tons	Oakland	TON	0	24.93
4/25/2007	743037	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	CP70816WT	C2 Cover RGC-Tons	Oakland	TON	0	24.16
4/25/2007	743038	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP68935	C2 Cover RGC-Tons	Oakland	TON	0	23.27
Material Total	27									0	634.01

Job: 607113
Altamont Landfill By The Ton
Dump Code: 9501
Denbeste By The Ton
Haul Code: 9502

Customer Summary Report
Criteria: 05/07/2007 12:00 AM to 05/07/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305
User: Pfriddle
Date: May 08 2007, 2:00:17 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material Description	Origin	Yards	Tons
5/7/2007	744313	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D72770-DB334	Cover Soil meeting Class II requirements	Oakland	0	24.17
5/7/2007	744314	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D42753-DB302	Cover Soil meeting Class II requirements	Oakland	0	23.82
5/7/2007	744315	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9B14701-DB149	Cover Soil meeting Class II requirements	Oakland	0	23.85
5/7/2007	744326	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D64481WT-24	Cover Soil meeting Class II requirements	Oakland	0	24.93
5/7/2007	744333	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	up93484	Cover Soil meeting Class II requirements	Oakland	0	23.43
5/7/2007	744354	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64915	Cover Soil meeting Class II requirements	Oakland	0	17.24
5/7/2007	744355	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP74203	Cover Soil meeting Class II requirements	Oakland	0	20.05
5/7/2007	744356	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D85060	Cover Soil meeting Class II requirements	Oakland	0	25.86
5/7/2007	744357	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D61610-WT	Cover Soil meeting Class II requirements	Oakland	0	25.85
5/7/2007	744367	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D12171WTP11	Cover Soil meeting Class II requirements	Oakland	0	25.65
5/7/2007	744386	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D37012	Cover Soil meeting Class II requirements	Oakland	0	22.65
5/7/2007	744387	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D61811-WT	Cover Soil meeting Class II requirements	Oakland	0	25.10
5/7/2007	744401	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B14701-DB149	Cover Soil meeting Class II requirements	Oakland	0	23.68
5/7/2007	744406	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64481WT-24	Cover Soil meeting Class II requirements	Oakland	0	24.67
5/7/2007	744407	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	up93484	Cover Soil meeting Class II requirements	Oakland	0	24.32
5/7/2007	744408	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D72770-DB334	Cover Soil meeting Class II requirements	Oakland	0	24.13
5/7/2007	744409	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D42753-DB302	Cover Soil meeting Class II requirements	Oakland	0	23.06
5/7/2007	744422	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D64915	Cover Soil meeting Class II requirements	Oakland	0	19.76
5/7/2007	744428	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP74203	Cover Soil meeting Class II requirements	Oakland	0	23.48
5/7/2007	744438	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D61610-WT	Cover Soil meeting Class II requirements	Oakland	0	23.68
5/7/2007	744442	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D16197-DB145	Cover Soil meeting Class II requirements	Oakland	0	25.25
5/7/2007	744444	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D12171-WT	Cover Soil meeting Class II requirements	Oakland	0	23.63
5/7/2007	744445	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D85060	Cover Soil meeting Class II requirements	Oakland	0	22.59
5/7/2007	744447	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D37012	Cover Soil meeting Class II requirements	Oakland	0	22.41
5/7/2007	744448	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D49592-DB125	Cover Soil meeting Class II requirements	Oakland	0	23.29
5/7/2007	744449	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D61811-WT	Cover Soil meeting Class II requirements	Oakland	0	24.81
5/7/2007	744452	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9d38355	Cover Soil meeting Class II requirements	Oakland	0	24.84
Material Total	27								0	636.20
Customer Total	27								0	636.20
Ticket Totals	27								0	636.20

Job: 607113
Altamont L.F. By the Ton
Dump Code: 9501
Denbeste By The Ton
Haul Code: 9502

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Yards	Tons
6/26/2007	752421	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	200398	C2 Cover RGC-Tons	Oakland	0	19.66
6/26/2007	752485	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	RRAVI	C2 Cover RGC-Tons	Oakland	0	21.72
6/26/2007	752489	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9A61073WT	C2 Cover RGC-Tons	Oakland	0	19.03
6/26/2007	752490	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP50201	C2 Cover RGC-Tons	Oakland	0	21.40
6/26/2007	752491	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	UP70376-DB374	C2 Cover RGC-Tons	Oakland	0	25.06
									Tons=	**106.87**
									Loads=	**5**

PSEC

Job: 607113
Altamont By The Ton
Dump Code: 9501
STI By The Ton
Haul Code: 9502

Customer Summary Report
Criteria: 08/08/2007 12:00 AM to 08/08/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305 (USA)
User: Pfriddle
Date: Aug 10 2007, 5:36:42 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)
Ticket Type: All
Customer Type: All

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Yards	Tons
8/8/2007	759224	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d19466	C2 Cover RGC-Tons	Oakland	TON	0	14.43
8/8/2007	759225	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d00043	C2 Cover RGC-Tons	Oakland	TON	0	19.79
8/8/2007	759228	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d82174	C2 Cover RGC-Tons	Oakland	TON	0	16.92
8/8/2007	759231	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d73908	C2 Cover RGC-Tons	Oakland	TON	0	17.24
8/8/2007	759233	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d38939	C2 Cover RGC-Tons	Oakland	TON	0	19.64
8/8/2007	759234	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9b46915	C2 Cover RGC-Tons	Oakland	TON	0	13.15
8/8/2007	759235	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9a79480	C2 Cover RGC-Tons	Oakland	TON	0	18.27
8/8/2007	759245	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d74305	C2 Cover RGC-Tons	Oakland	TON	0	16.13
8/8/2007	759249	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9b92222	C2 Cover RGC-Tons	Oakland	TON	0	18.95
8/8/2007	759250	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9c34442	C2 Cover RGC-Tons	Oakland	TON	0	16.05
8/8/2007	759251	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d26727	C2 Cover RGC-Tons	Oakland	TON	0	19.63
8/8/2007	759252	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d04102	C2 Cover RGC-Tons	Oakland	TON	0	16.73
8/8/2007	759259	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9c34443	C2 Cover RGC-Tons	Oakland	TON	0	14.78
Material Total	13									0	221.71
Customer Total	13									0	221.71
Ticket Totals	13									0	221.71

[redacted]

PSEC

Job: 607113
Altamont By The Ton
Dump Code: 9502
STI By The Ton
Haul Code: 9501

Customer Summary Report
Criteria: 09/07/2007 12:00 AM to 09/07/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305 (USA)
User: abuckman
Date: Sep 11 2007, 4:57:13 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)
Ticket Type: All
Customer Type: All

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Yards	Tons
9/7/2007	763315	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9b58726	C2 Cover RGC-Tons	Oakland	0	17.12
9/7/2007	763316	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D06029	C2 Cover RGC-Tons	Oakland	0	16.21
9/7/2007	763319	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B45930-WT	C2 Cover RGC-Tons	Oakland	0	15.64
9/7/2007	763323	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d82174	C2 Cover RGC-Tons	Oakland	0	16.29
9/7/2007	763324	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9b88899	C2 Cover RGC-Tons	Oakland	0	17.56
9/7/2007	763328	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9b58459	C2 Cover RGC-Tons	Oakland	0	17.11
9/7/2007	763332	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9d04876	C2 Cover RGC-Tons	Oakland	0	18.22
9/7/2007	763335	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9C18426	C2 Cover RGC-Tons	Oakland	0	18.1
9/7/2007	763342	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9D99020	C2 Cover RGC-Tons	Oakland	0	17.95
9/7/2007	763348	Pacific States Environmental	164-Kaiser Permanente	waf	55420700	9a28358	C2 Cover RGC-Tons	Oakland	0	15.69
9/7/2007	763358	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9d42882	C2 Cover RGC-Tons	Oakland	0	15.5
9/7/2007	763359	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D10275	C2 Cover RGC-Tons	Oakland	0	17.34
9/7/2007	763370	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D12670	C2 Cover RGC-Tons	Oakland	0	16.35
9/7/2007	763387	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9b58726	C2 Cover RGC-Tons	Oakland	0	17.57
9/7/2007	763388	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9b88899	C2 Cover RGC-Tons	Oakland	0	19.56
9/7/2007	763391	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9d82174	C2 Cover RGC-Tons	Oakland	0	17.99
9/7/2007	763392	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9D06029	C2 Cover RGC-Tons	Oakland	0	18.67
9/7/2007	763393	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9B45930-WT	C2 Cover RGC-Tons	Oakland	0	19.18
9/7/2007	763407	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9C18426	C2 Cover RGC-Tons	Oakland	0	19.63
9/7/2007	763408	Pacific States Environmental	164-Kaiser Permanente	WAF	55420700	9b58459	C2 Cover RGC-Tons	Oakland	0	19.09
Material Total	20								0	350.77
Customer Total	20								0	350.77
Ticket Totals	20								0	350.77

Job: 607113
Altamont L.F. By The Ton
Dump Code: 9501.1
Denbeste By The Ton
Haul Code: 9502

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Yards	Tons
6/26/2007	752380	Pacific States Environmental	164-Kaiser Permanente	WAF	55420701	9C52337	C2 Cover RGC-Tons	Oakland	0	21.18
6/26/2007	752392	Pacific States Environmental	164-Kaiser Permanente	WAF	55420701	9A61073WT	C2 Cover RGC-Tons	Oakland	0	19.21
6/26/2007	752395	Pacific States Environmental	164-Kaiser Permanente	WAF	55420701	UP50201	C2 Cover RGC-Tons	Oakland	0	24.23
6/26/2007	752410	Pacific States Environmental	164-Kaiser Permanente	WAF	55420701	UP70376-DB374	C2 Cover RGC-Tons	Oakland	0	23.6
									Tons=	**88.22**
									Loads=	**4**

Job: 607113
Altamont Landfill By The Ton
Dump Code: 9515
STI By The Ton
Haul Code: 9514

Customer Summary Report
Criteria: 06/28/2007 12:00 AM to 06/28/2007 11:59 PM
Business Unit Name: Altamont Landfill & Resource Recovery Facility - S04305 (USA)
User: Pfriddle
Date: Jul 05 2007, 12:01:54 PM - Central Standard Time
Operation Type: All
Customer Name: PacificStates (Pacific States Environmental)
Ticket Type: All
Customer Type: All

Ticket Date	Ticket ID	Customer	Generator	Manifest	Profile	Truck	Material	Origin	Rate Unit	Yards	Tons
6/28/2007	752800	Pacific States Environmental	164-Kaiser Permanente	waf	55420702	9b88743	C2 Disp SPW-Tons	Oakland	TON	0	21.75
6/28/2007	752801	Pacific States Environmental	164-Kaiser Permanente	waf	55420702	9d00043	C2 Disp SPW-Tons	Oakland	TON	0	22.42
6/28/2007	752803	Pacific States Environmental	164-Kaiser Permanente	waf	55420702	9b88899	C2 Disp SPW-Tons	Oakland	TON	0	17.13
6/28/2007	752815	Pacific States Environmental	164-Kaiser Permanente	waf	55420702	9d82174	C2 Disp SPW-Tons	Oakland	TON	0	17.43
6/28/2007	752823	Pacific States Environmental	164-Kaiser Permanente	WAF	55420702	9B11623	C2 Disp SPW-Tons	Oakland	TON	0	19.53
6/28/2007	752824	Pacific States Environmental	164-Kaiser Permanente	waf	55420702	9d74150	C2 Disp SPW-Tons	Oakland	TON	0	20.15
6/28/2007	752826	Pacific States Environmental	164-Kaiser Permanente	WAF	55420702	9C18426	C2 Disp SPW-Tons	Oakland	TON	0	20.99
6/28/2007	752827	Pacific States Environmental	164-Kaiser Permanente	WAF	55420702	9A31016	C2 Disp SPW-Tons	Oakland	TON	0	19.31
Material Total	8									0	158.71
Customer Total	8									0	158.71
Ticket Totals	8									0	158.71

[redacted]

APPENDIX D

Laboratory Analytical Results – Submitted Electronically (refer to CD)

Soil Management Implementation Report
3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
June 11, 2008

194169

SECOR CHAIN-OF-CUSTODY RECORD

SECOR

COC # 02617
Page 1 of 1

FIELD OFFICE INFORMATION

OFFICE: 005

Send Report To: Greg Hoehn
57 Lafayette Circle, 2nd Floor
Lafayette, CA

Telephone: 925-299-9300

Fax / E-Mail: ghoehn@secor.com

PROJECT INFORMATION

Project No.: 050T.50238.00 Task:

Project Name: Kaiser - Broadway, Oakland

Project Manager: Greg Hoehn

Laboratory: Curtis & Tompkins

ANALYSES / METHOD REQUEST

Number of Containers

TPHg - 8015M (silica gel clean up)
BTEX/MTBE 8260B
TEPH diesel 8015B (silica gel clean up)
TEPH motor oil 8015B (silica gel clean up)
5 LUFT metals 6010B

REMARKS / PRECAUTIONS

TAT: Normal; Rush ~~48 HR~~ 24 HR; Other

REPORTING REQUIREMENTS: MB & SURGS; Dup/MS/MSD; Raw Data; CLP Rpt; EDD; Other

	Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative
-1	A2-W-5'	4/16/07	0940	Soil	2 jars	—
-2	A2-S-5'		0945			
-3	~~A2-E-5'~~		0950			
-4	~~A2-E-10'~~		1000			
-5	A2-S-10'		1240			
-6	A2-W-10'		1250			
-7	A2-E-5'		1450			

Possible Hazard Identification: ☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sampled by: Khamly Chuop

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Khamly Chuop	Khamly Chuop	SECOR Int'l Inc.	4/16/07	
1b	Received by: Tracy Bate	Tracy Bate	C&T	3	3:45
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

Cold & Iced

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124206
Units:	mg/Kg	Sampled:	04/16/07
Basis:	as received	Received:	04/16/07
Diln Fac:	1.000	Analyzed:	04/16/07

Field ID: A2-W-5' Lab ID: 194169-001
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.94

Surrogate	%REC	Limits
Trifluorotoluene (FID)	90	70-132
Bromofluorobenzene (FID)	72	66-138

Field ID: A2-S-5' Lab ID: 194169-002
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	0.95

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	70-132
Bromofluorobenzene (FID)	81	66-138

Field ID: A2-S-10' Lab ID: 194169-005
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	2.6 H Y	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	70-132
Bromofluorobenzene (FID)	100	66-138

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124206
Units:	mg/Kg	Sampled:	04/16/07
Basis:	as received	Received:	04/16/07
Diln Fac:	1.000	Analyzed:	04/16/07

Field ID: A2-W-10' Lab ID: 194169-006
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	7.2 H Y	0.95

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	70-132
Bromofluorobenzene (FID)	101	66-138

Field ID: A2-E-5' Lab ID: 194169-007
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	86	66-138

Type: BLANK Lab ID: QC383780

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	70-132
Bromofluorobenzene (FID)	88	66-138

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC383783	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124206
Units:	mg/Kg	Analyzed:	04/16/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.783	98	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	70-132
Bromofluorobenzene (FID)	115	66-138

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	194161-001	Batch#:	124206
Matrix:	Soil	Sampled:	04/16/07
Units:	mg/Kg	Received:	04/16/07
Basis:	as received	Analyzed:	04/16/07

Type: MS Lab ID: QC383784

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1887	9.709	7.254	73	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	101	66-138

Type: MSD Lab ID: QC383785

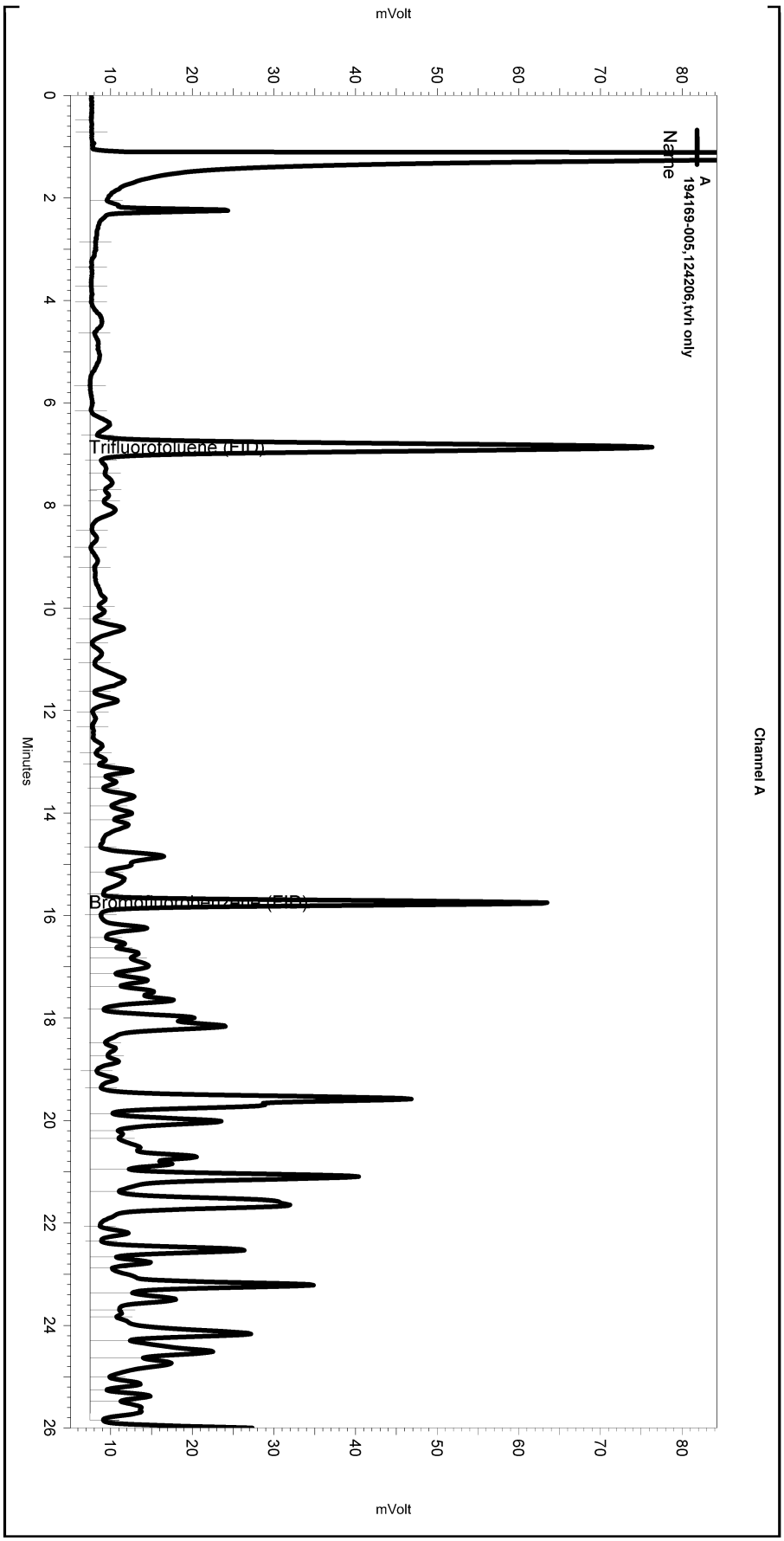
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.615	7.593	77	36-120	6	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	70-132
Bromofluorobenzene (FID)	91	66-138

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\106.seq**
Sample Name: **194169-005,124206,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\106_017**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe085.met

Software Version 3.1.7
Run Date: 4/16/2007 8:29:51 PM
Analysis Date: 4/17/2007 8:52:51 AM
Sample Amount: 0.97 Multiplier: 0.97
Vial & pH or Core ID: A



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

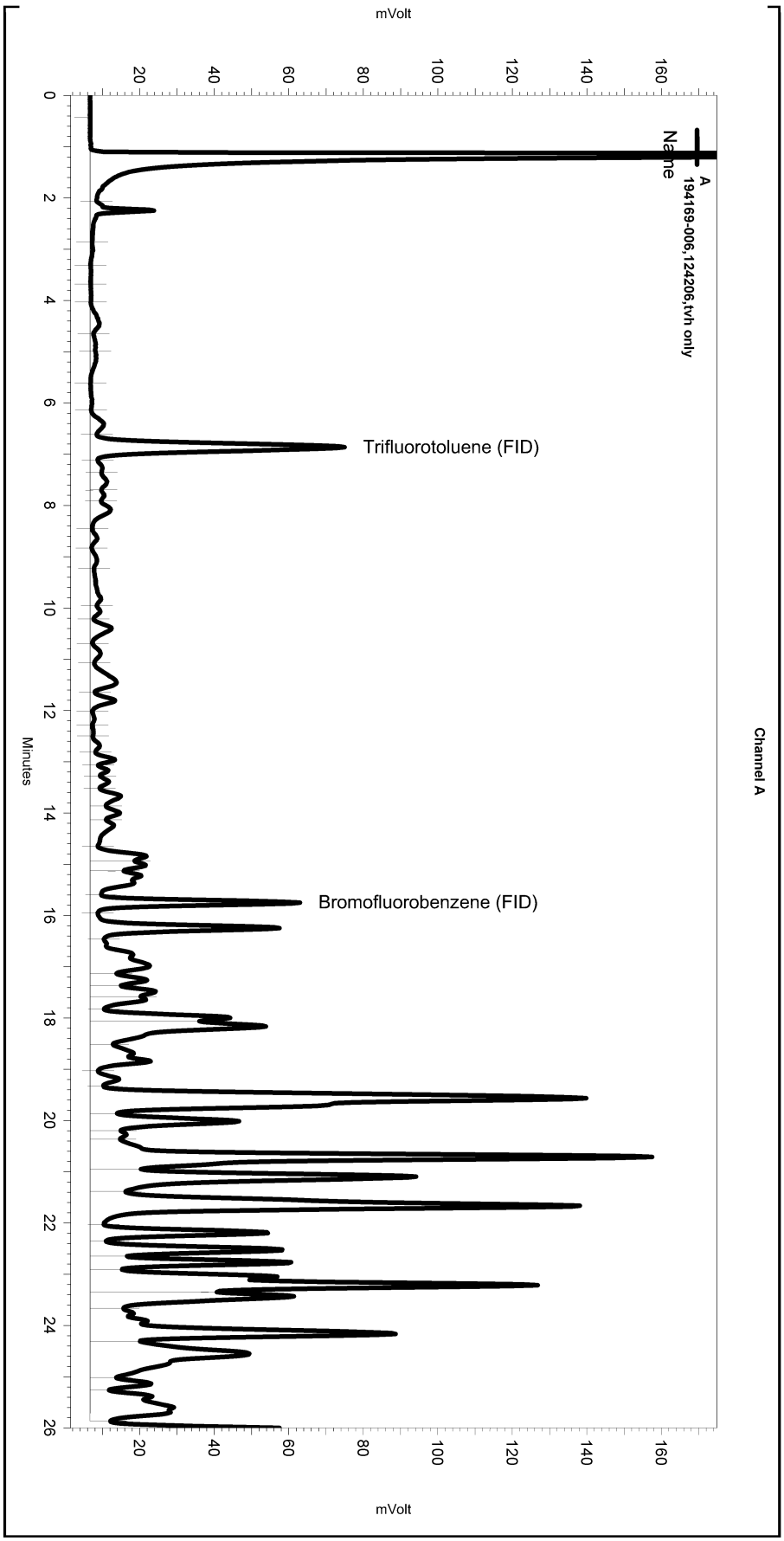
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\106_017

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\106.seq**
Sample Name: **194169-006,124206,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\106_018**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe085.met

Software Version 3.1.7
Run Date: 4/16/2007 9:07:31 PM
Analysis Date: 4/17/2007 8:52:55 AM
Sample Amount: 1.05 Multiplier: 1.05
Vial & pH or Core ID: A



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

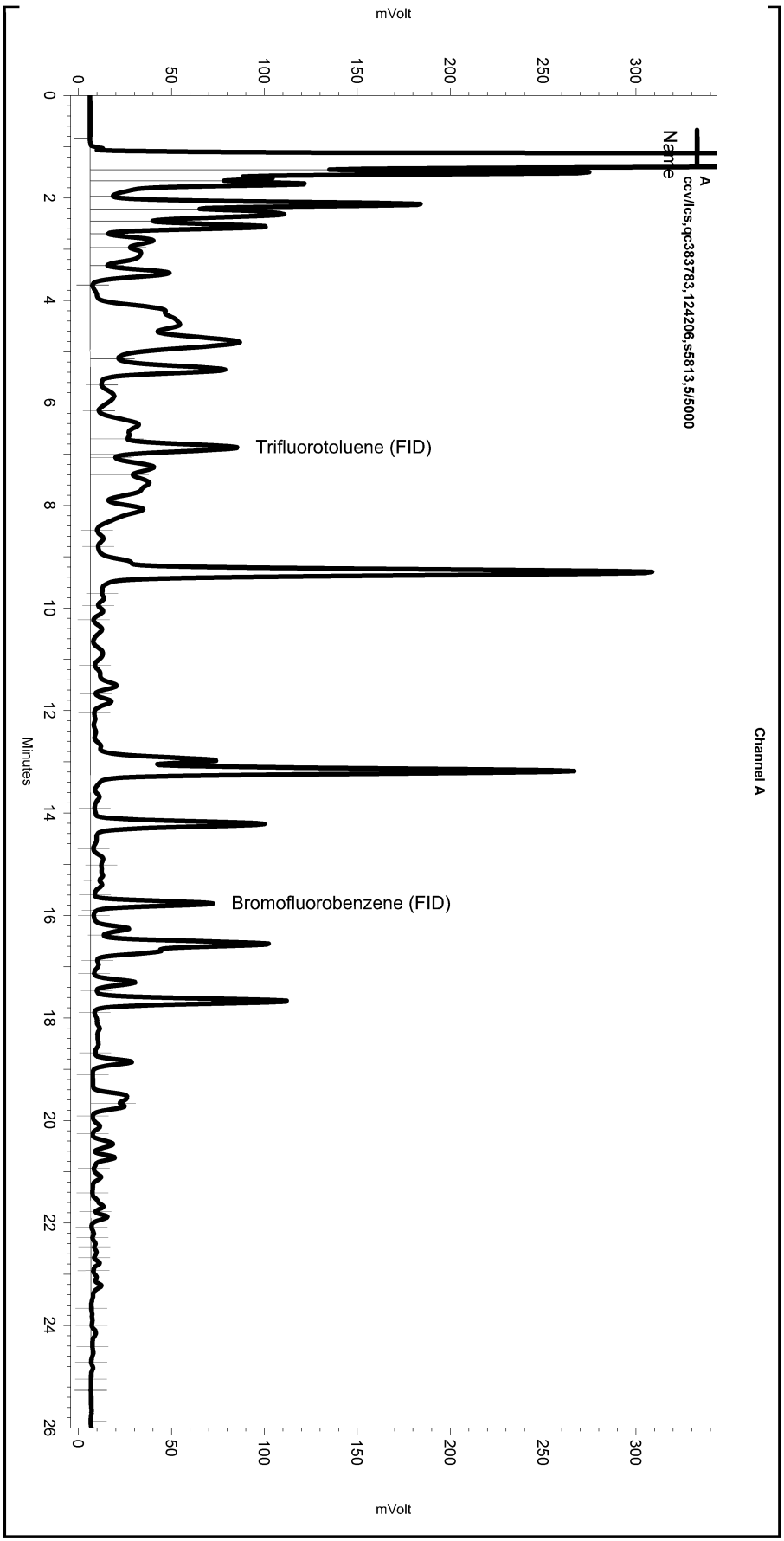
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\106_018

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\106.seq**
Sample Name: **ccv/lcs,qc383783,124206,s5813,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\106_003**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe085.met

Software Version 3.1.7
Run Date: 4/16/2007 9:58:41 AM
Analysis Date: 4/17/2007 8:51:47 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\106_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.997	0	0
Yes	Split Peak	15.9	0	0

Total Extractable Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124241
Units:	mg/Kg	Sampled:	04/16/07
Basis:	as received	Received:	04/16/07
Dilu Fac:	1.000	Prepared:	04/17/07

Field ID: A2-W-5'
Type: SAMPLE
Lab ID: 194169-001

Analyzed: 04/17/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2.2 H Y	0.99
Motor Oil C24-C36	22 H	5.0

Surrogate	%REC	Limits
Hexacosane	79	40-127

Field ID: A2-S-5'
Type: SAMPLE
Lab ID: 194169-002

Analyzed: 04/18/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1.3 H Y	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	107	40-127

Field ID: A2-S-10'
Type: SAMPLE
Lab ID: 194169-005

Analyzed: 04/18/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	22 H Y	1.0
Motor Oil C24-C36	82 H L	5.0

Surrogate	%REC	Limits
Hexacosane	79	40-127

Field ID: A2-W-10'
Type: SAMPLE
Lab ID: 194169-006

Analyzed: 04/17/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	100 H L Y	1.0
Motor Oil C24-C36	120 H L	5.0

Surrogate	%REC	Limits
Hexacosane	107	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Total Extractable Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124241
Units:	mg/Kg	Sampled:	04/16/07
Basis:	as received	Received:	04/16/07
Diln Fac:	1.000	Prepared:	04/17/07

Field ID:	A2-E-5'	Analyzed:	04/18/07
Type:	SAMPLE	Cleanup Method:	EPA 3630C
Lab ID:	194169-007		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	66	40-127

Type:	BLANK	Analyzed:	04/17/07
Lab ID:	QC383948	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	83	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

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Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC383949	Batch#:	124241
Matrix:	Soil	Prepared:	04/17/07
Units:	mg/Kg	Analyzed:	04/17/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.10	39.65	79	58-127

Surrogate	%REC	Limits
Hexacosane	94	40-127

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Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	124241
MSS Lab ID:	194168-004	Sampled:	04/16/07
Matrix:	Soil	Received:	04/16/07
Units:	mg/Kg	Prepared:	04/17/07
Basis:	as received	Analyzed:	04/17/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC383950

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.2358	50.14	38.34	76	29-147

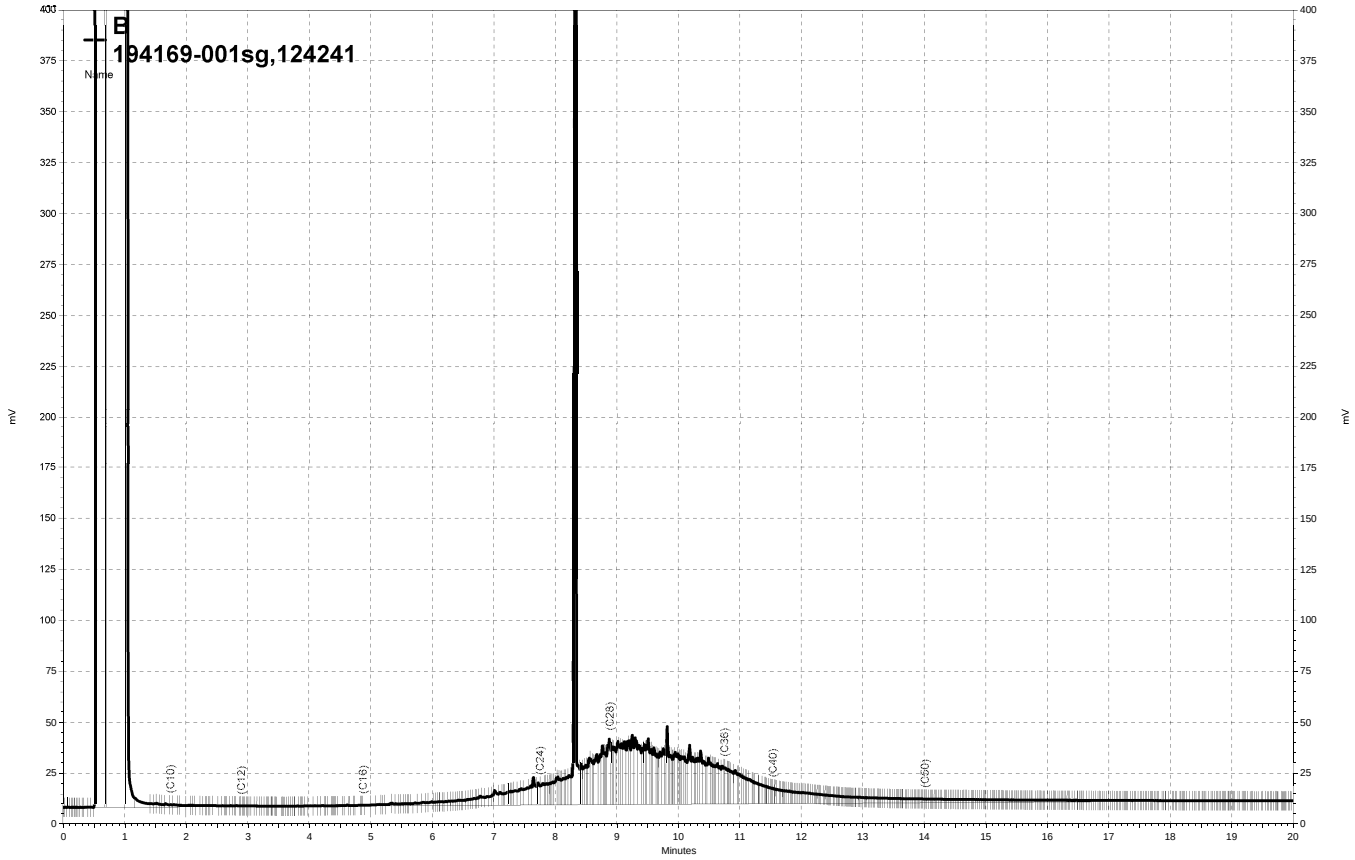
Surrogate	%REC	Limits
Hexacosane	89	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC383951

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.61	33.89	68	29-147	11	46

Surrogate	%REC	Limits
Hexacosane	83	40-127

RPD= Relative Percent Difference



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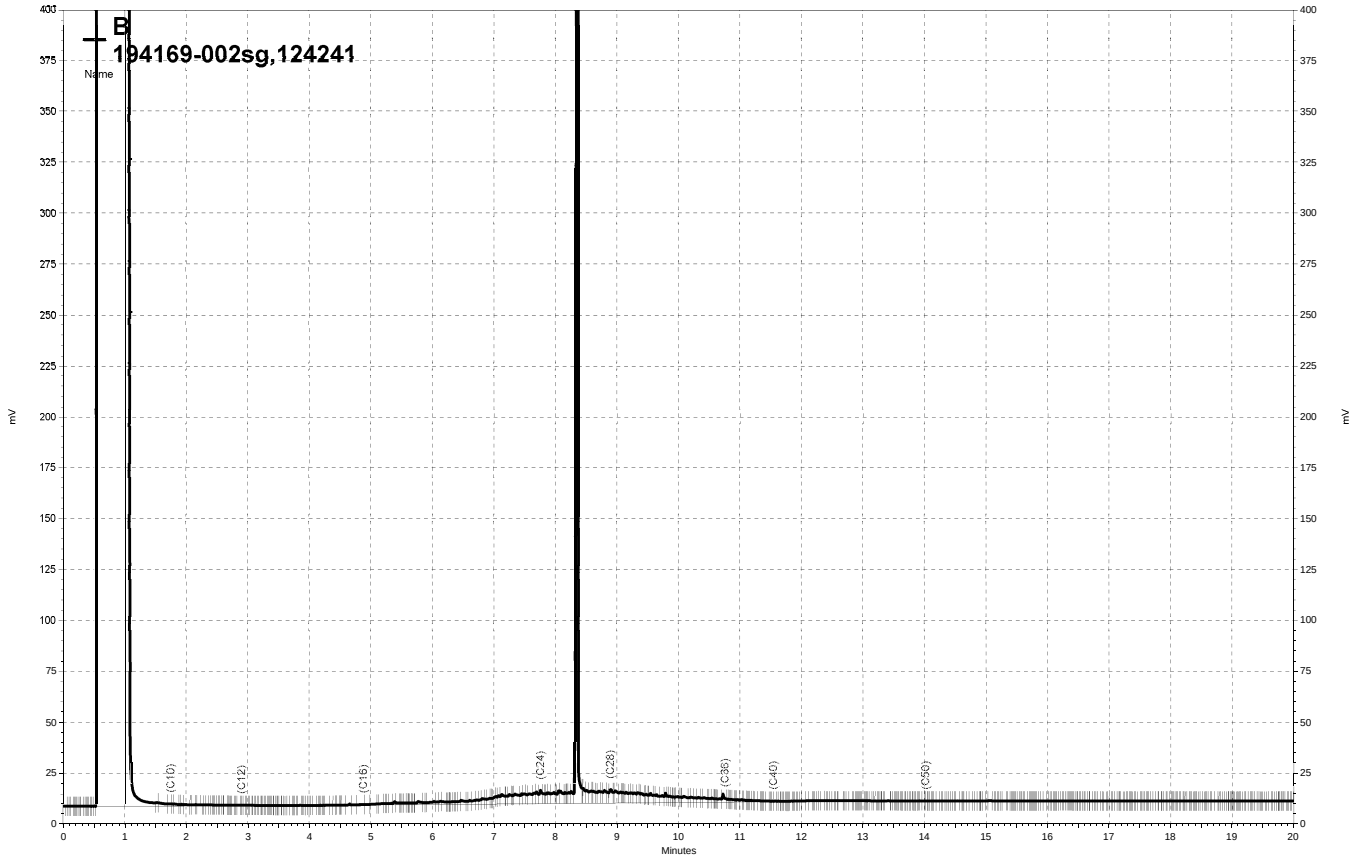

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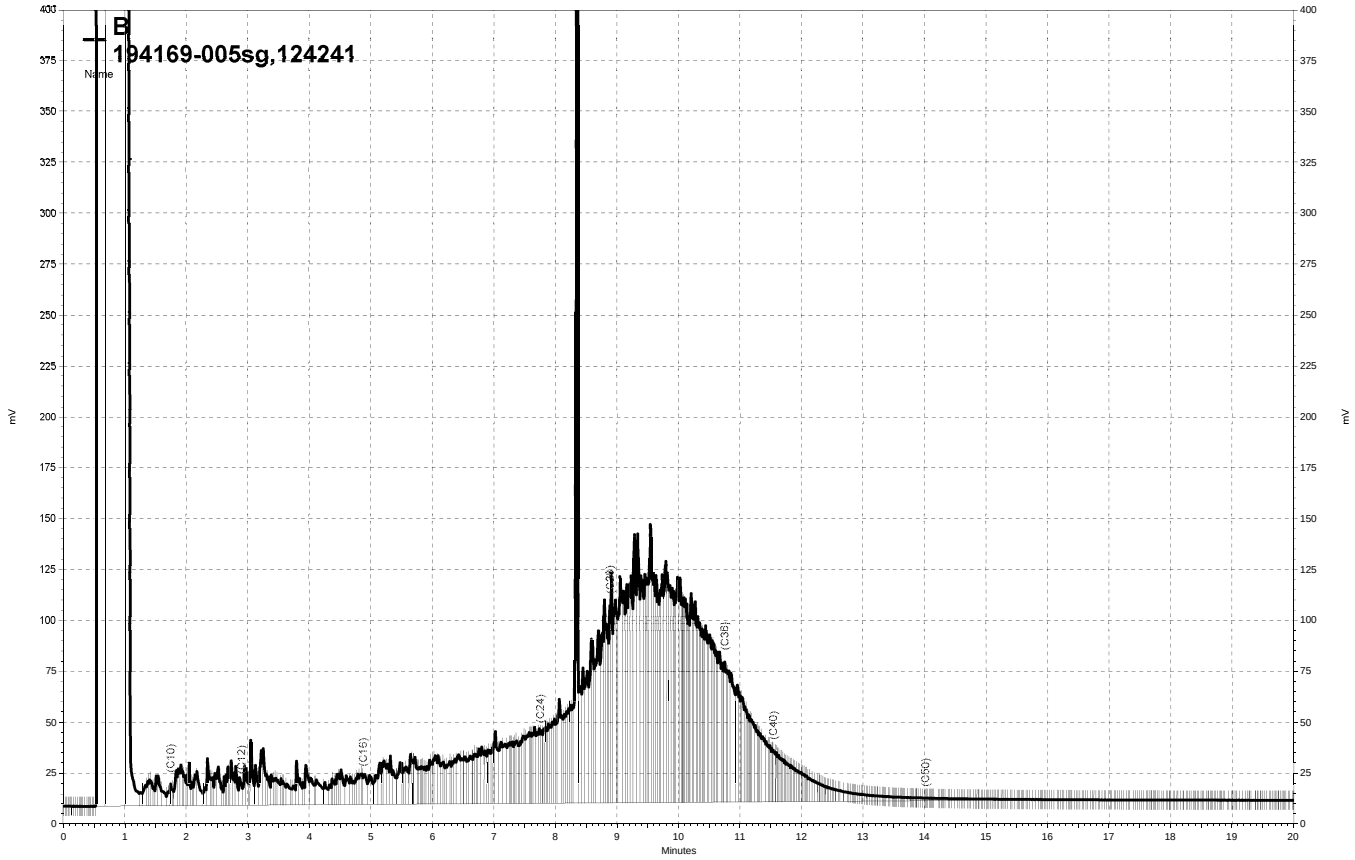

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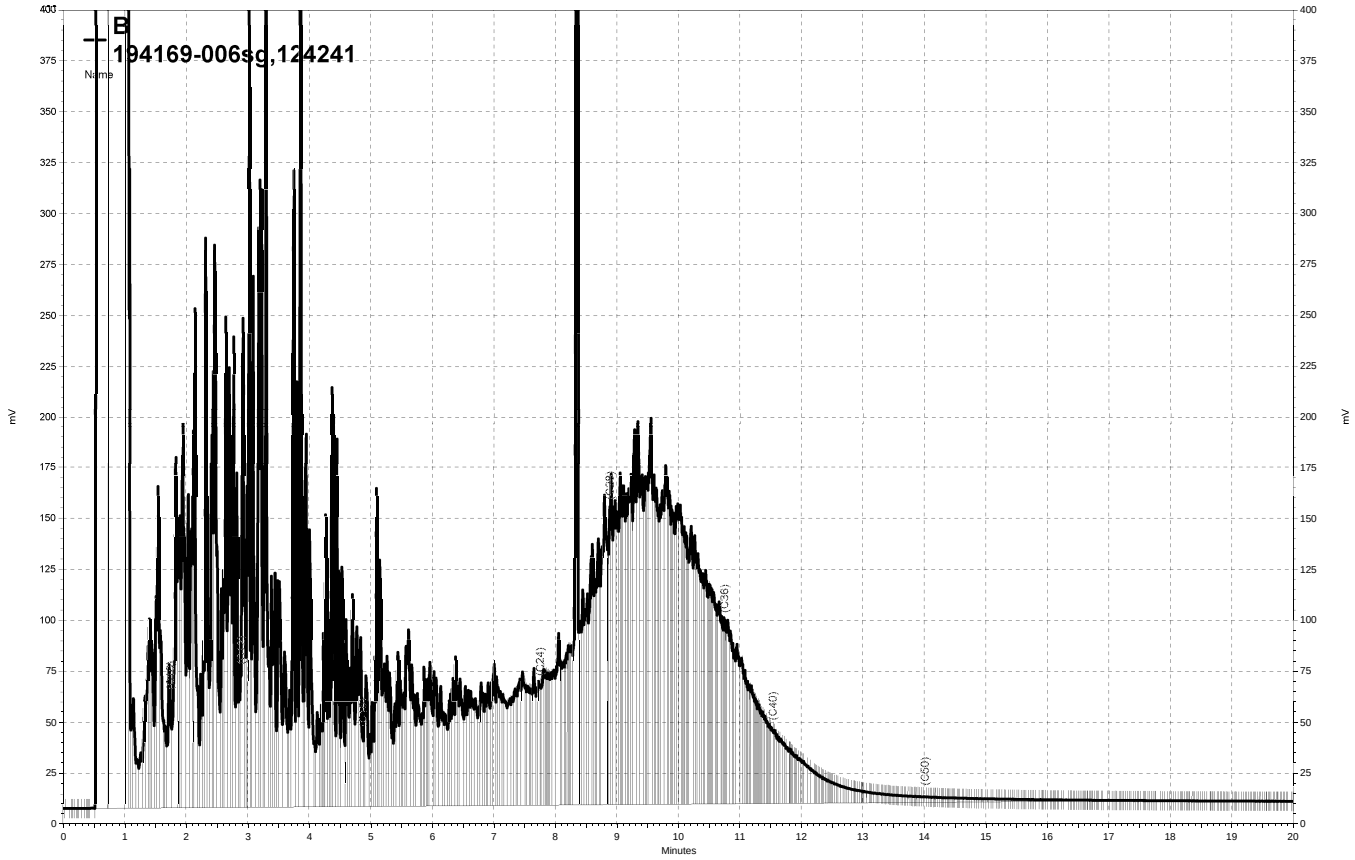

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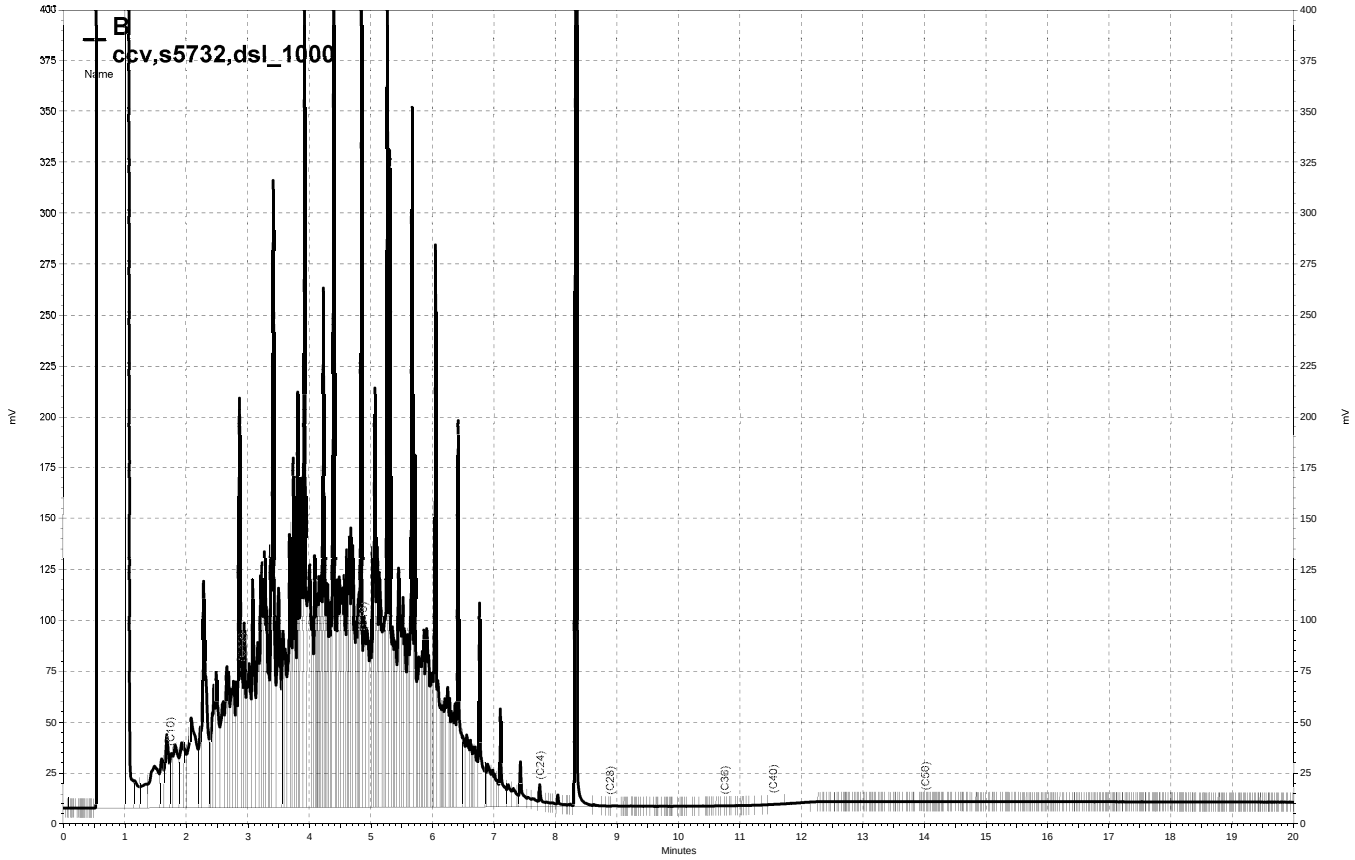

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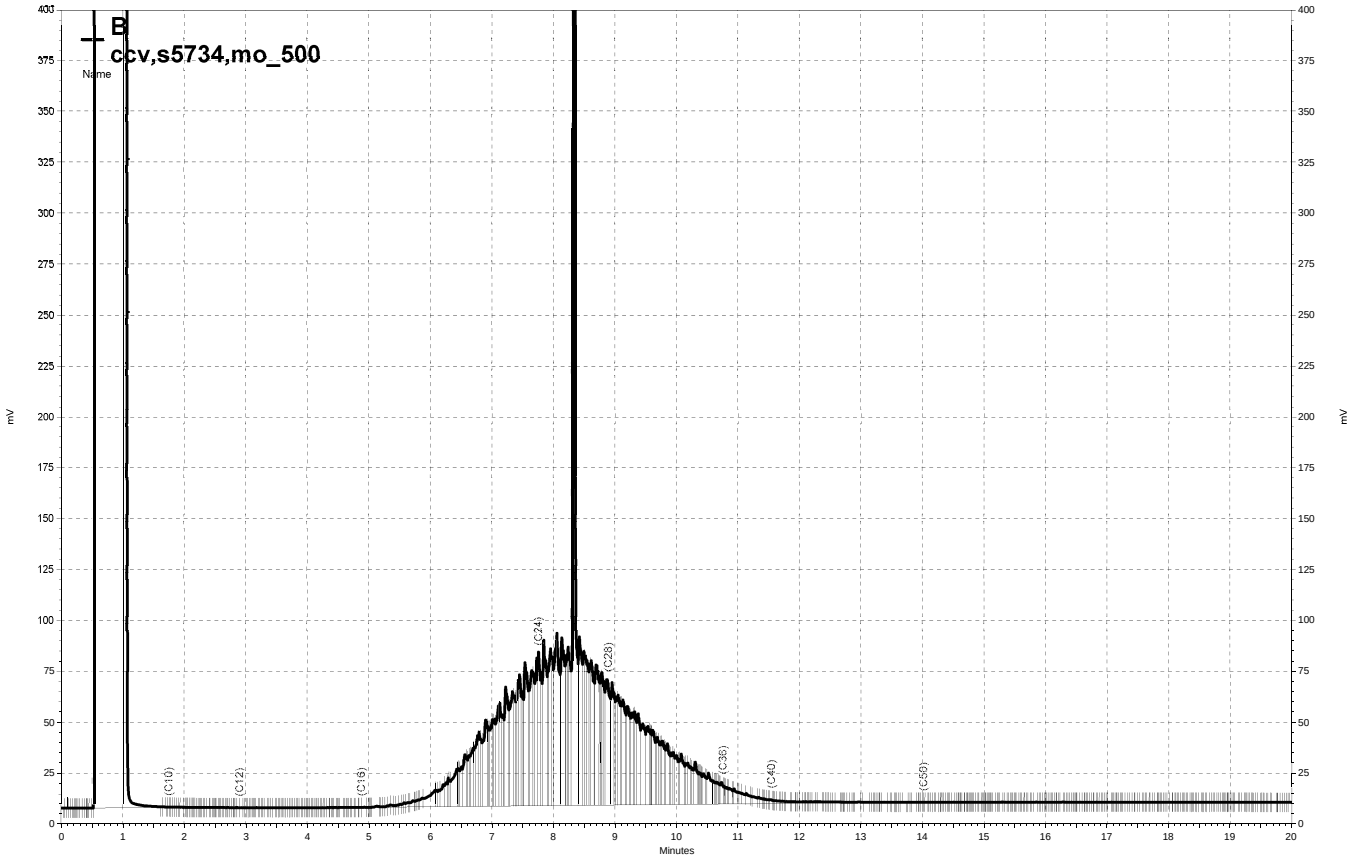

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Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-W-5'	Diln Fac:	0.9434
Lab ID:	194169-001	Batch#:	124239
Matrix:	Soil	Sampled:	04/16/07
Units:	ug/Kg	Received:	04/16/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.7
Benzene	ND	4.7
Toluene	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	84	76-135
Toluene-d8	95	80-120
Bromofluorobenzene	100	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-S-5'	Diln Fac:	0.9434
Lab ID:	194169-002	Batch#:	124239
Matrix:	Soil	Sampled:	04/16/07
Units:	ug/Kg	Received:	04/16/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.7
Benzene	ND	4.7
Toluene	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	93	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	103	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-S-10'	Diln Fac:	0.9091
Lab ID:	194169-005	Batch#:	124239
Matrix:	Soil	Sampled:	04/16/07
Units:	ug/Kg	Received:	04/16/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.5
Benzene	ND	4.5
Toluene	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	78	76-135
Toluene-d8	94	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-W-10'	Diln Fac:	1.000
Lab ID:	194169-006	Batch#:	124291
Matrix:	Soil	Sampled:	04/16/07
Units:	ug/Kg	Received:	04/16/07
Basis:	as received	Analyzed:	04/18/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	147 *	76-135
Toluene-d8	106	80-120
Bromofluorobenzene	98	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-E-5'	Diln Fac:	0.9259
Lab ID:	194169-007	Batch#:	124239
Matrix:	Soil	Sampled:	04/16/07
Units:	ug/Kg	Received:	04/16/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.6
Benzene	ND	4.6
Toluene	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	101	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC383939	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124239
Units:	ug/Kg	Analyzed:	04/17/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	23.68	95	66-120
Benzene	25.00	26.28	105	80-120
Toluene	25.00	26.92	108	80-120
Ethylbenzene	25.00	27.64	111	80-125
m,p-Xylenes	50.00	55.38	111	80-123
o-Xylene	25.00	26.81	107	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC383940	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124239
Units:	ug/Kg	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-S-10'	Diln Fac:	0.9091
MSS Lab ID:	194169-005	Batch#:	124239
Matrix:	Soil	Sampled:	04/16/07
Units:	ug/Kg	Received:	04/16/07
Basis:	as received	Analyzed:	04/17/07

Type: MS Lab ID: QC383978

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1742	45.45	33.37	73	55-120
Benzene	<0.1253	45.45	41.68	92	61-122
Toluene	<0.5024	45.45	42.81	94	57-124
Ethylbenzene	<0.5299	45.45	41.53	91	55-129
m,p-Xylenes	<1.189	90.91	85.79	94	53-127
o-Xylene	<0.4687	45.45	41.08	90	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	77	76-135
Toluene-d8	93	80-120
Bromofluorobenzene	98	80-126

Type: MSD Lab ID: QC383979

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	45.45	40.71	90	55-120	20	20
Benzene	45.45	42.56	94	61-122	2	20
Toluene	45.45	43.13	95	57-124	1	21
Ethylbenzene	45.45	41.28	91	55-129	1	23
m,p-Xylenes	90.91	85.73	94	53-127	0	23
o-Xylene	45.45	41.54	91	54-127	1	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	80	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	97	80-126

RPD= Relative Percent Difference

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC384137	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124291
Units:	ug/Kg	Analyzed:	04/18/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	27.21	109	66-120
Benzene	25.00	27.16	109	80-120
Toluene	25.00	27.98	112	80-120
Ethylbenzene	25.00	29.17	117	80-125
m,p-Xylenes	50.00	55.96	112	80-123
o-Xylene	25.00	27.09	108	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-126

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC384139	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124291
Units:	ug/Kg	Analyzed:	04/18/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	123	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	110	80-126

ND= Not Detected
RL= Reporting Limit

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California LUFT Metals

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/16/07
Units:	mg/Kg	Received:	04/16/07
Basis:	as received	Prepared:	04/17/07
Diln Fac:	1.000	Analyzed:	04/17/07
Batch#:	124240		

Field ID: A2-W-5' Lab ID: 194169-001
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	23	0.25
Lead	19	0.15
Nickel	27	0.25
Zinc	60	1.0

Field ID: A2-S-5' Lab ID: 194169-002
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	9.2	0.25
Lead	23	0.15
Nickel	21	0.25
Zinc	50	1.0

Field ID: A2-S-10' Lab ID: 194169-005
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	24	0.25
Lead	12	0.15
Nickel	19	0.25
Zinc	29	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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California LUFT Metals

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/16/07
Units:	mg/Kg	Received:	04/16/07
Basis:	as received	Prepared:	04/17/07
Diln Fac:	1.000	Analyzed:	04/17/07
Batch#:	124240		

Field ID: A2-W-10' Lab ID: 194169-006
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	21	0.25
Lead	12	0.15
Nickel	15	0.25
Zinc	24	1.0

Field ID: A2-E-5' Lab ID: 194169-007
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	25	0.25
Lead	12	0.15
Nickel	18	0.25
Zinc	14	1.0

Type: BLANK Lab ID: QC383941

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.15
Nickel	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Batch QC Report

California LUFT Metals

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	124240
Units:	mg/Kg	Prepared:	04/17/07
Basis:	as received	Analyzed:	04/17/07
Diln Fac:	1.000		

Type: BS Lab ID: QC383942

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	10.55	105	80-120
Chromium	100.0	102.6	103	80-120
Lead	100.0	100.7	101	80-120
Nickel	25.00	25.15	101	80-120
Zinc	25.00	25.96	104	80-120

Type: BSD Lab ID: QC383943

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	10.17	102	80-120	4	20
Chromium	100.0	97.12	97	80-120	6	20
Lead	100.0	97.07	97	80-120	4	20
Nickel	25.00	24.26	97	80-120	4	20
Zinc	25.00	24.40	98	80-120	6	20

RPD= Relative Percent Difference

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Batch QC Report

California LUFT Metals

Lab #:	194169	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A2-W-5'	Batch#:	124240
MSS Lab ID:	194169-001	Sampled:	04/16/07
Matrix:	Soil	Received:	04/16/07
Units:	mg/Kg	Prepared:	04/17/07
Basis:	as received	Analyzed:	04/17/07
Diln Fac:	1.000		

Type: MS Lab ID: QC383944

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.03289	4.950	4.510	90	72-120
Chromium	23.45	49.50	62.19	78	63-122
Lead	18.90	49.50	55.80	75	55-122
Nickel	26.57	12.38	33.07	53	45-139
Zinc	60.00	12.38	54.65	-43 NM	49-140

Type: MSD Lab ID: QC383945

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.20	10.01	98	72-120	8	20
Chromium	102.0	116.1	91	63-122	8	20
Lead	102.0	104.8	84	55-122	6	26
Nickel	25.51	50.00	92	45-139	12	26
Zinc	25.51	76.15	63	49-140	16	23

NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Analysis:	EPA 8015B
Project#:	050T.50238.00		
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received		

Field ID:	A5-S1-10'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/19/07
Lab ID:	194211-011	Prep:	EPA 3550B
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	124276		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	101	40-127

Field ID:	A5-S1-20'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/17/07
Lab ID:	194211-012	Prep:	EPA 3550B
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	124276		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	86	40-127

Field ID:	A5-S2-10'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-013	Prep:	EPA 3550B
Diln Fac:	40.00	Cleanup Method:	EPA 3630C
Batch#:	124276		

Analyte	Result	RL
Diesel C10-C24	6,500 H Y	40
Hydraulic Fluid, C12-40	11,000	200

Surrogate	%REC	Limits
Hexacosane	DO	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Analysis:	EPA 8015B
Project#:	050T.50238.00		
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received		

Field ID:	A5-S2-20'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/17/07
Lab ID:	194211-014	Prep:	EPA 3550B
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	124276		

Analyte	Result	RL
Diesel C10-C24	8.6 H Y	1.0
Hydraulic Fluid, C12-40	15	5.0

Surrogate	%REC	Limits
Hexacosane	105	40-127

Type:	BLANK	Prepared:	04/17/07
Lab ID:	QC384074	Analyzed:	04/17/07
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

Type:	BLANK	Prepared:	04/19/07
Lab ID:	QC384311	Analyzed:	04/20/07
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	124334	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND q	1.0

Surrogate	%REC	Limits
Hexacosane	99 q	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC384075	Batch#:	124276
Matrix:	Soil	Prepared:	04/17/07
Units:	mg/Kg	Analyzed:	04/17/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.91	44.14	88	58-127

Surrogate	%REC	Limits
Hexacosane	115	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A5-S2-20'	Batch#:	124276
MSS Lab ID:	194211-014	Sampled:	04/17/07
Matrix:	Soil	Received:	04/17/07
Units:	mg/Kg	Prepared:	04/17/07
Basis:	as received	Analyzed:	04/18/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC384076

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	8.600	49.82	59.71	103	29-147

Surrogate	%REC	Limits
Hexacosane	106	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC384077

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.01	57.12	97	29-147	5	46

Surrogate	%REC	Limits
Hexacosane	98	40-127

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC384312	Batch#:	124334
Matrix:	Soil	Prepared:	04/19/07
Units:	mg/Kg	Analyzed:	04/19/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.82	50.67	102	58-127

Surrogate	%REC	Limits
Hexacosane	96	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	124334
MSS Lab ID:	194221-001	Sampled:	04/16/07
Matrix:	Soil	Received:	04/18/07
Units:	mg/Kg	Prepared:	04/19/07
Basis:	as received	Analyzed:	04/20/07
Diln Fac:	3.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC384313

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	125.2	49.84	143.8	37	29-147

Surrogate	%REC	Limits
Hexacosane	109	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC384314

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.88	128.9	7 *	29-147	11	46

Surrogate	%REC	Limits
Hexacosane	99	40-127

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Analysis:	EPA 8015B
Project#:	050T.50238.00		
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07

Field ID:	A2-E-10'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-001	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	92	40-127

Field ID:	A2-B-15'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/17/07
Lab ID:	194211-002	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	40 L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	89	40-127

Field ID:	A2-E-10'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/17/07
Lab ID:	194211-003	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	100	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Analysis:	EPA 8015B
Project#:	050T.50238.00		
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07

Field ID:	A4-N-5'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/19/07
Lab ID:	194211-004	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	6.4 H Y	1.0
Motor Oil C24-C36	36 H	5.0

Surrogate	%REC	Limits
Hexacosane	100	40-127

Field ID:	A4-E-5'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/19/07
Lab ID:	194211-005	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	11 H Y	1.0
Motor Oil C24-C36	51 H	5.0

Surrogate	%REC	Limits
Hexacosane	97	40-127

Field ID:	A4-B-5'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/19/07
Lab ID:	194211-006	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	24 H Y	1.0
Motor Oil C24-C36	140 H	5.0

Surrogate	%REC	Limits
Hexacosane	91	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Analysis:	EPA 8015B
Project#:	050T.50238.00		
Matrix:	Soil	Dil'n Fac:	1.000
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07

Field ID:	A4-W-5'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/19/07
Lab ID:	194211-007	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	9.2 H Y	0.99
Motor Oil C24-C36	60 H	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

Field ID:	A2-N-5'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-008	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	98	40-127

Field ID:	A2-N-10'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/17/07
Lab ID:	194211-009	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	90	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Analysis:	EPA 8015B
Project#:	050T.50238.00		
Matrix:	Soil	Dil'n Fac:	1.000
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07

Field ID:	A2-BW-15'	Prepared:	04/17/07
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-010	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	14 L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	88	40-127

Field ID:	A4-S-5'	Prepared:	04/19/07
Type:	SAMPLE	Analyzed:	04/19/07
Lab ID:	194211-023	Prep:	SHAKER TABLE
Batch#:	124334	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2.6 H Y	1.0
Motor Oil C24-C36	17 H	5.0

Surrogate	%REC	Limits
Hexacosane	76	40-127

Type:	BLANK	Analyzed:	04/17/07
Lab ID:	QC384074	Prep:	EPA 3550B
Batch#:	124276	Cleanup Method:	EPA 3630C
Prepared:	04/17/07		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Analysis:	EPA 8015B
Project#:	050T.50238.00		
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07

Type:	BLANK	Analyzed:	04/20/07
Lab ID:	QC384311	Prep:	SHAKER TABLE
Batch#:	124334	Cleanup Method:	EPA 3630C
Prepared:	04/19/07		

Analyte	Result	RL
Diesel C10-C24	ND q	1.0
Motor Oil C24-C36	ND q	5.0

Surrogate	%REC	Limits
Hexacosane	99 q	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC384075	Batch#:	124276
Matrix:	Soil	Prepared:	04/17/07
Units:	mg/Kg	Analyzed:	04/17/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.91	44.14	88	58-127

Surrogate	%REC	Limits
Hexacosane	115	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A5-S2-20'	Batch#:	124276
MSS Lab ID:	194211-014	Sampled:	04/17/07
Matrix:	Soil	Received:	04/17/07
Units:	mg/Kg	Prepared:	04/17/07
Basis:	as received	Analyzed:	04/18/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC384076

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	8.600	49.82	59.71	103	29-147

Surrogate	%REC	Limits
Hexacosane	106	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC384077

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.01	57.12	97	29-147	5	46

Surrogate	%REC	Limits
Hexacosane	98	40-127

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC384312	Batch#:	124334
Matrix:	Soil	Prepared:	04/19/07
Units:	mg/Kg	Analyzed:	04/19/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.82	50.67	102	58-127

Surrogate	%REC	Limits
Hexacosane	96	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	124334
MSS Lab ID:	194221-001	Sampled:	04/16/07
Matrix:	Soil	Received:	04/18/07
Units:	mg/Kg	Prepared:	04/19/07
Basis:	as received	Analyzed:	04/20/07
Diln Fac:	3.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC384313

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	125.2	49.84	143.8	37	29-147

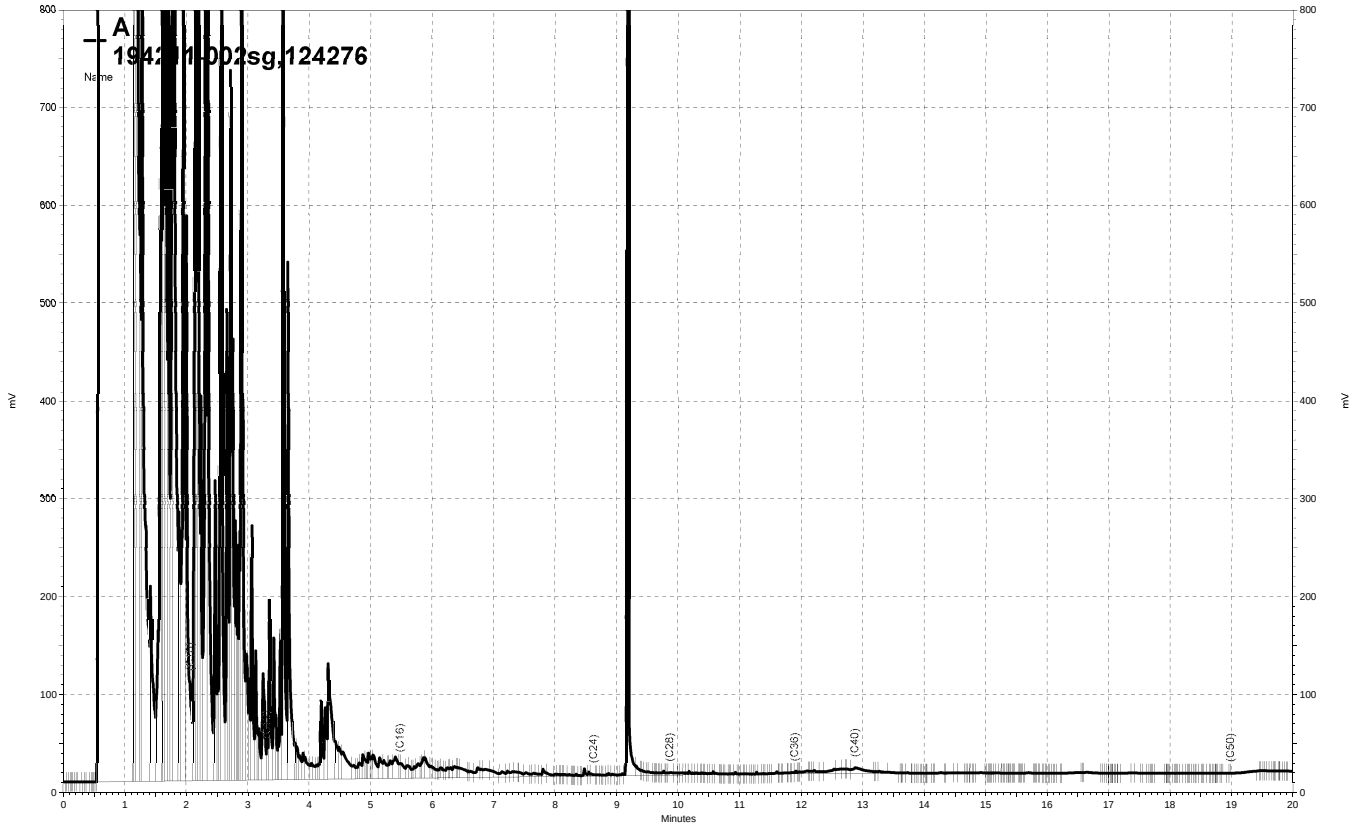
Surrogate	%REC	Limits
Hexacosane	109	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC384314

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.88	128.9	7 *	29-147	11	46

Surrogate	%REC	Limits
Hexacosane	99	40-127

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference



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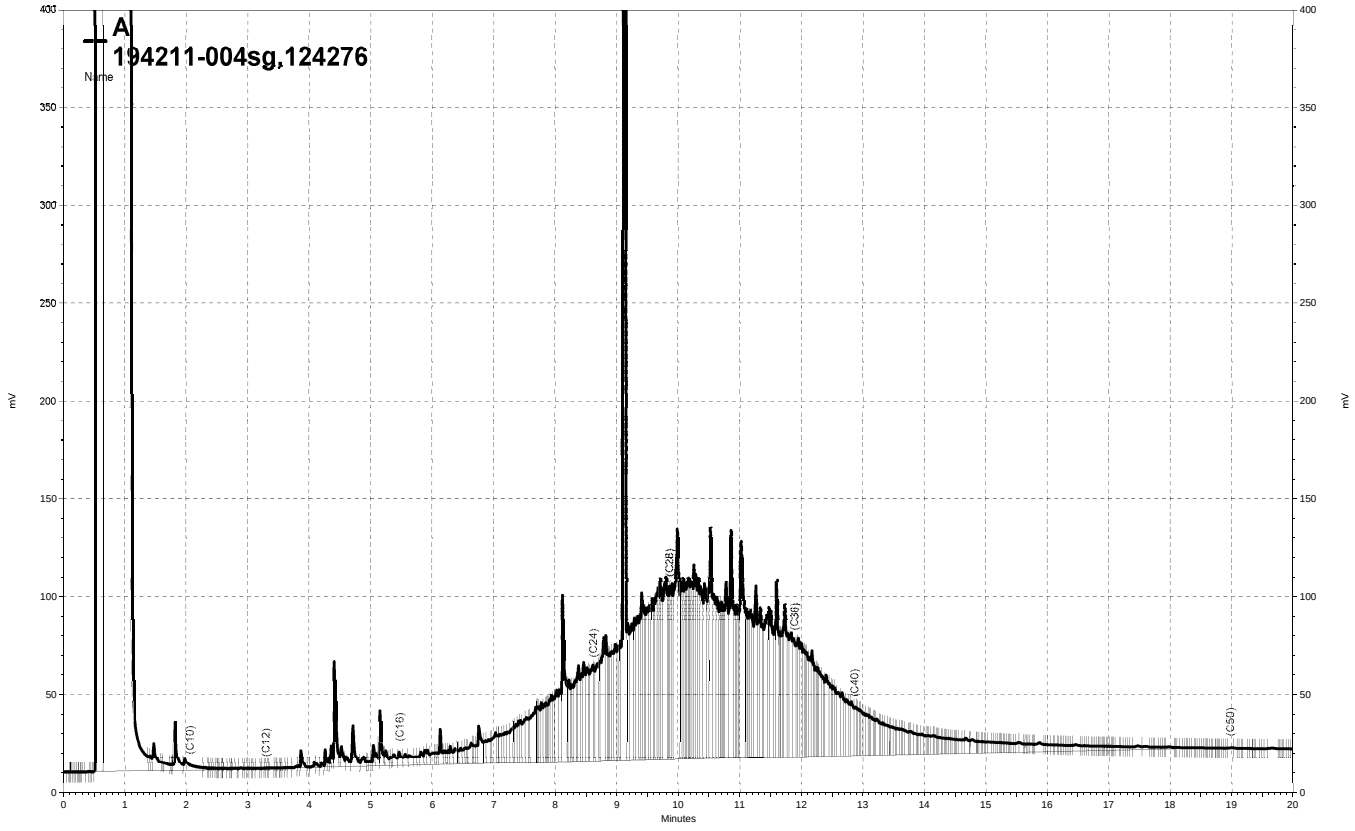

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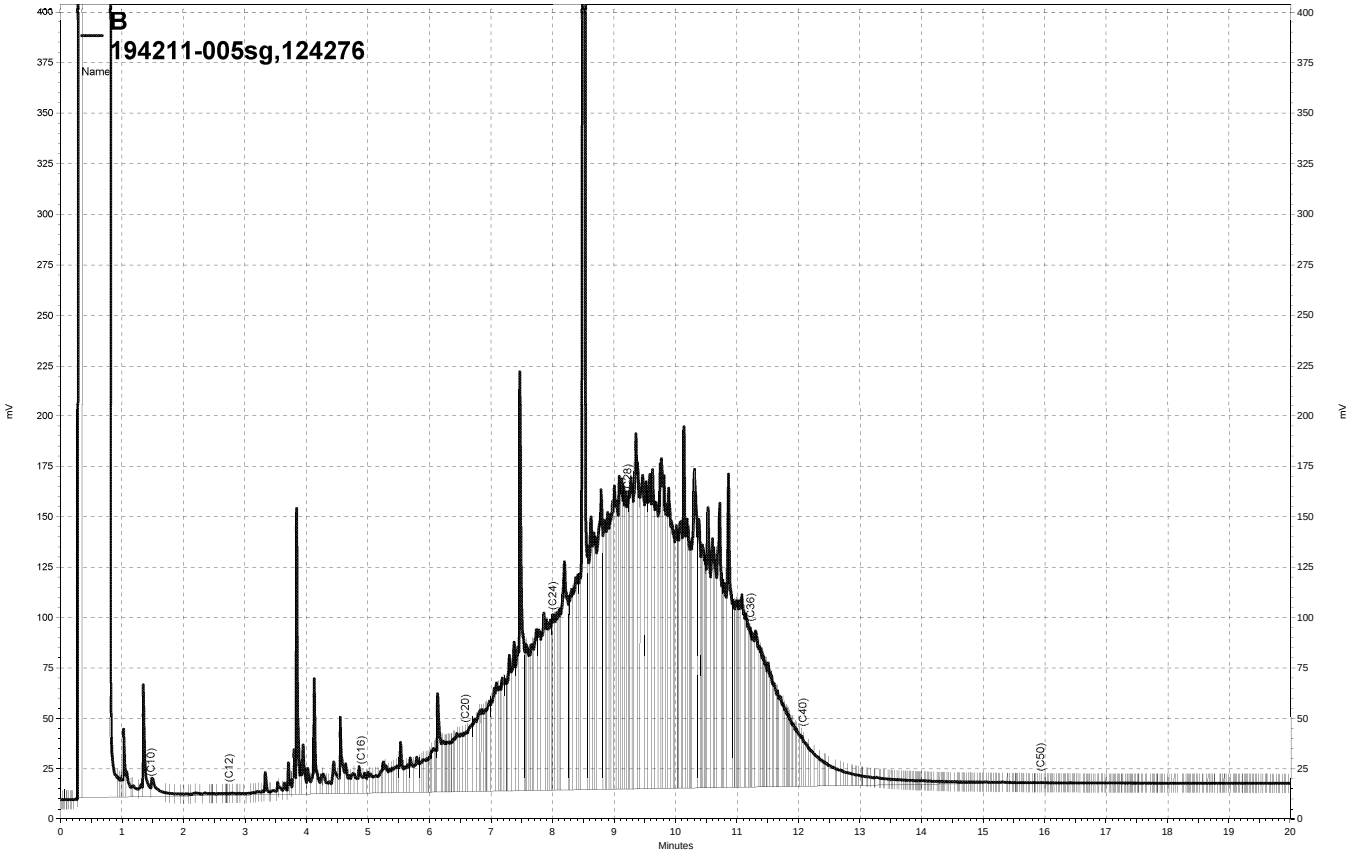

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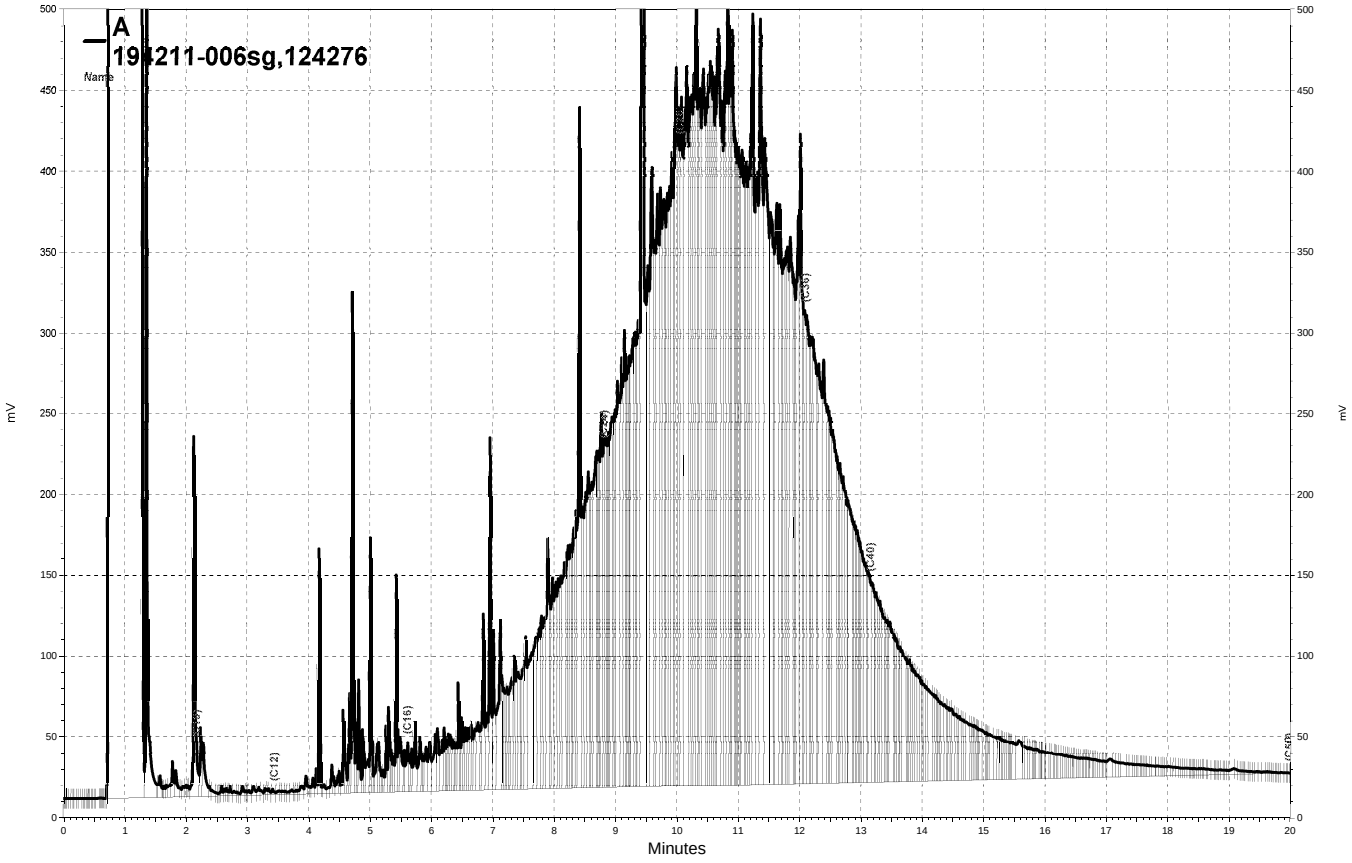

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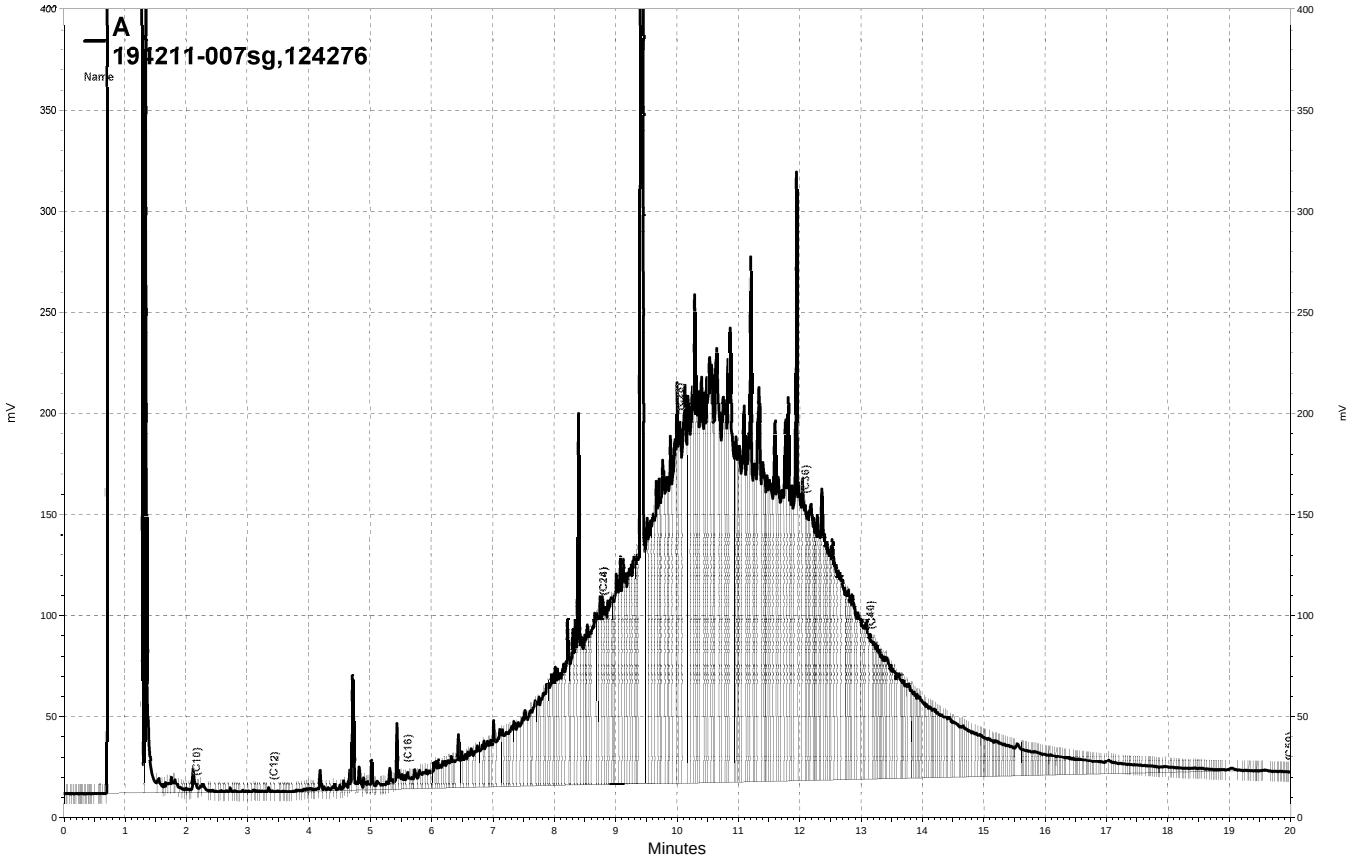

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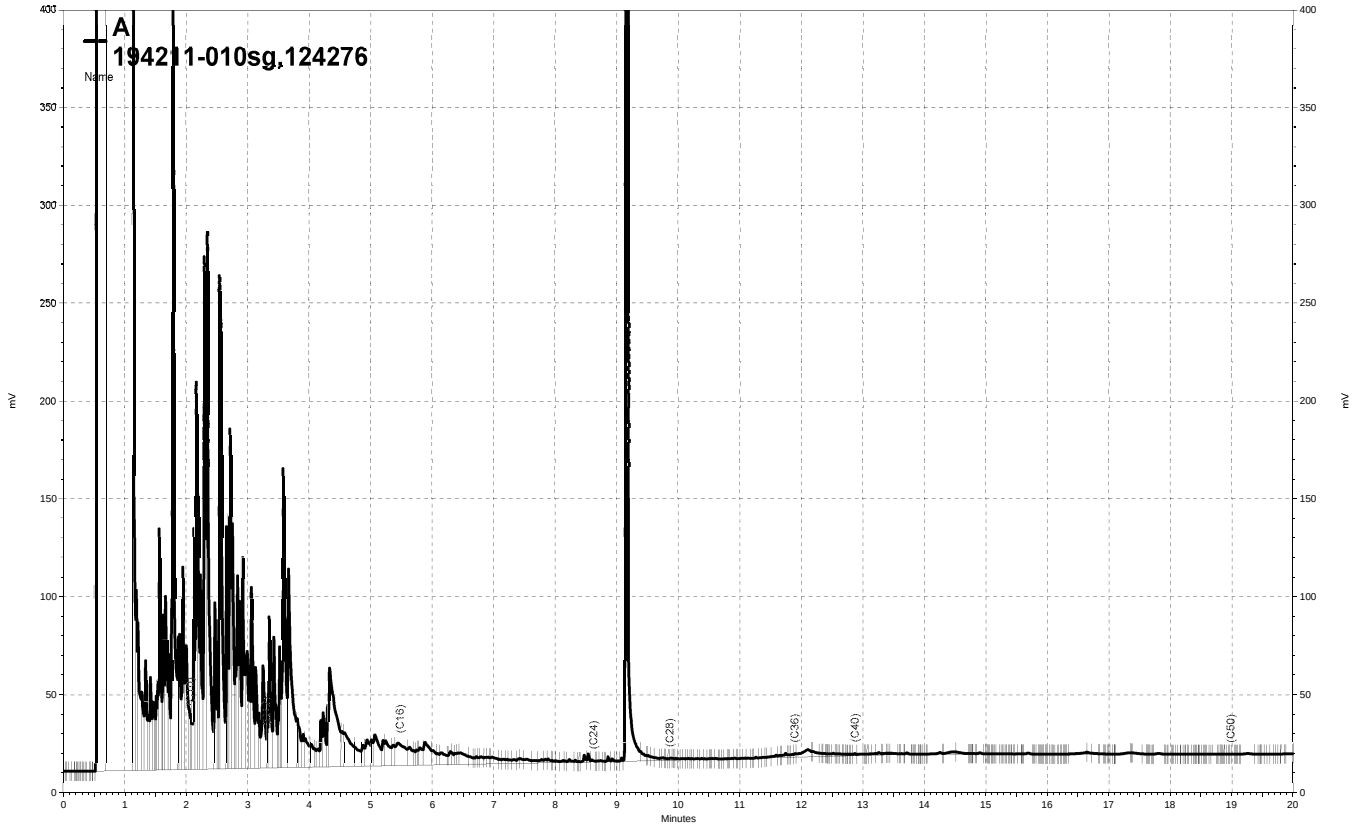

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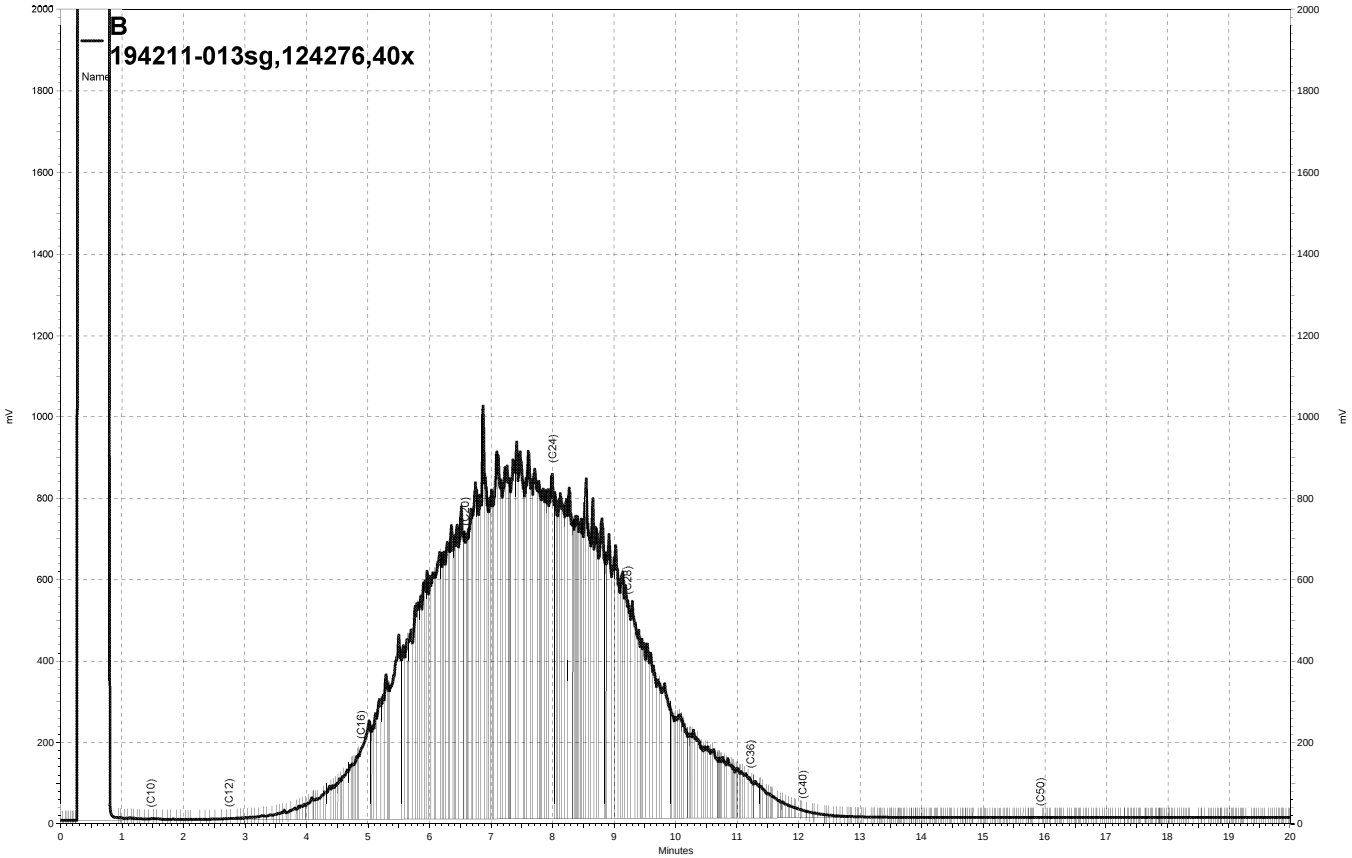

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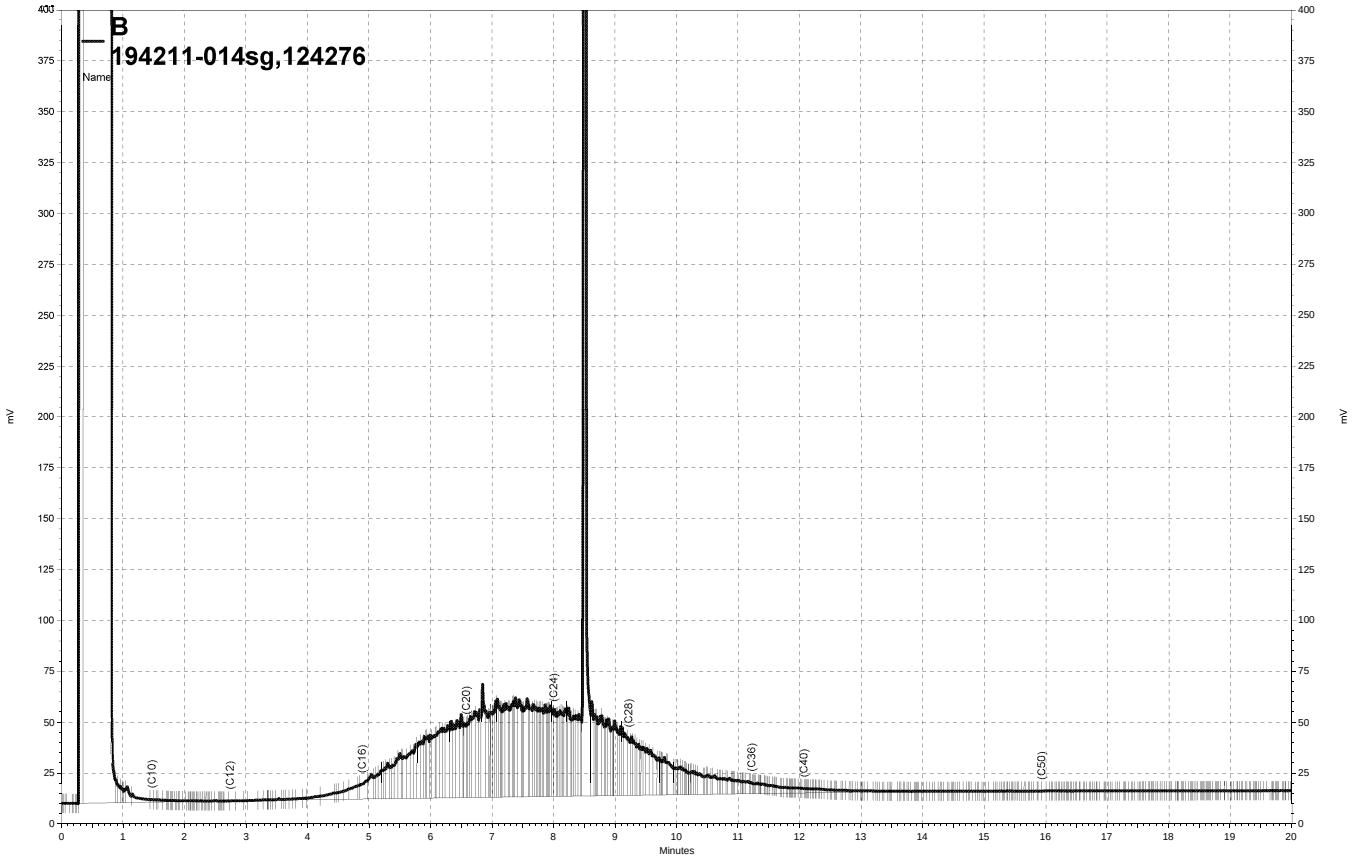

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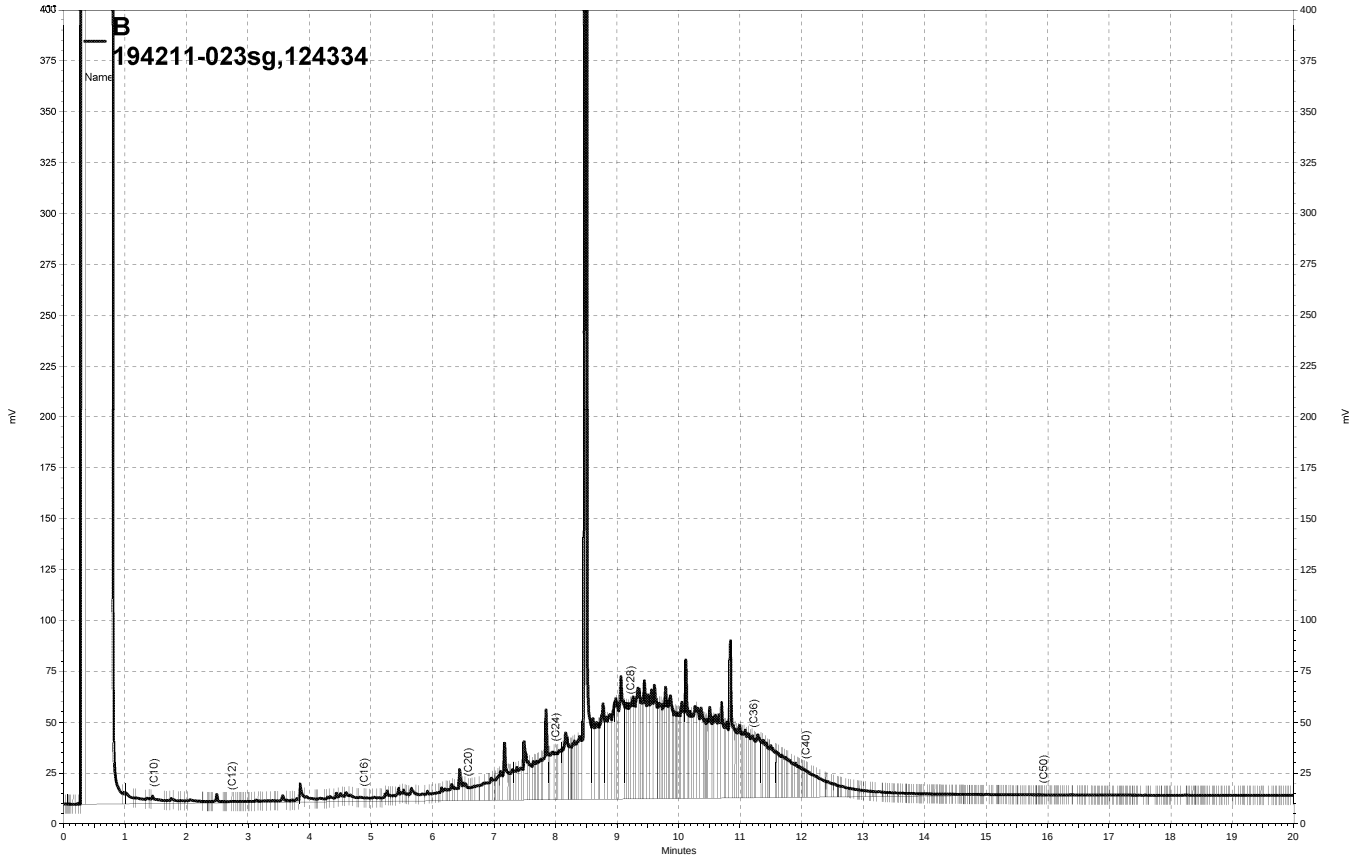

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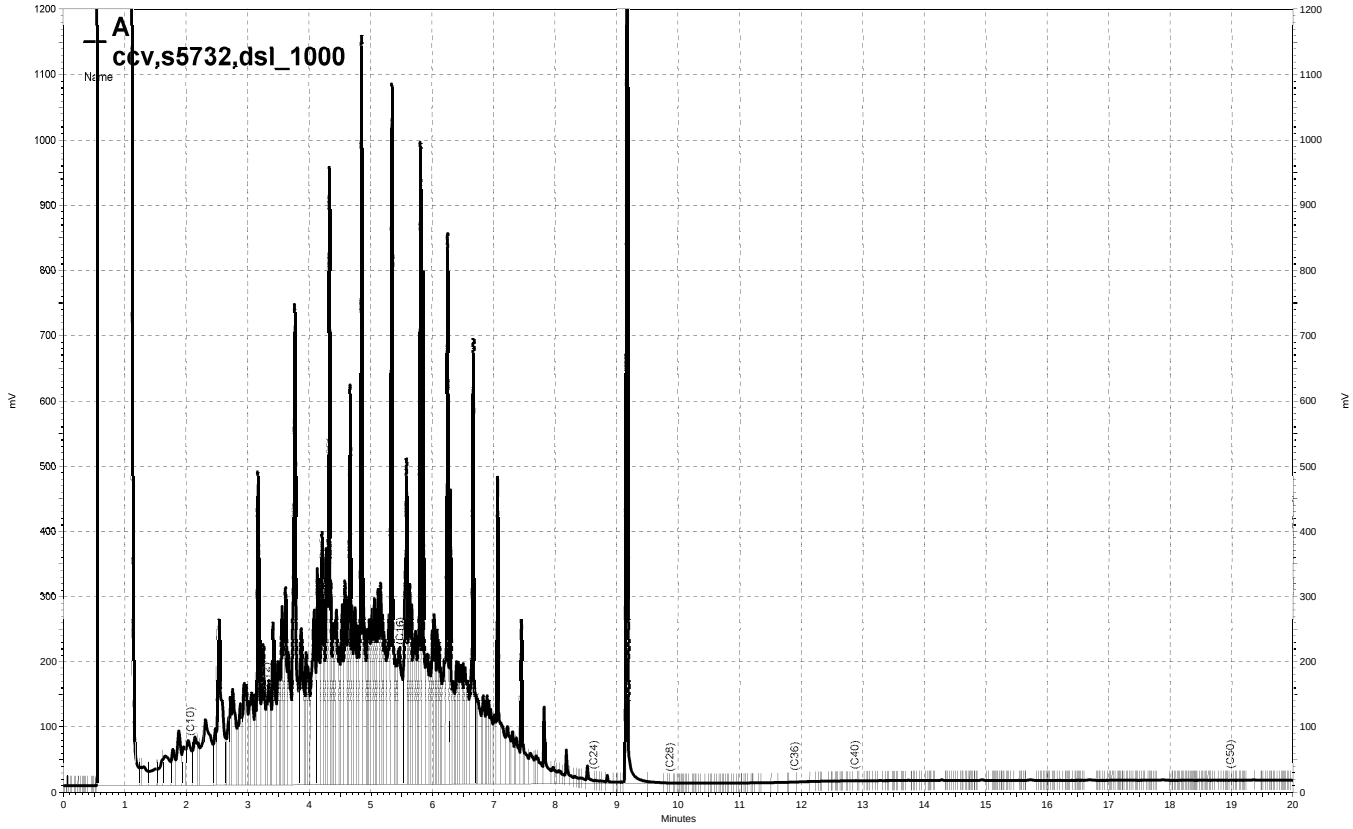

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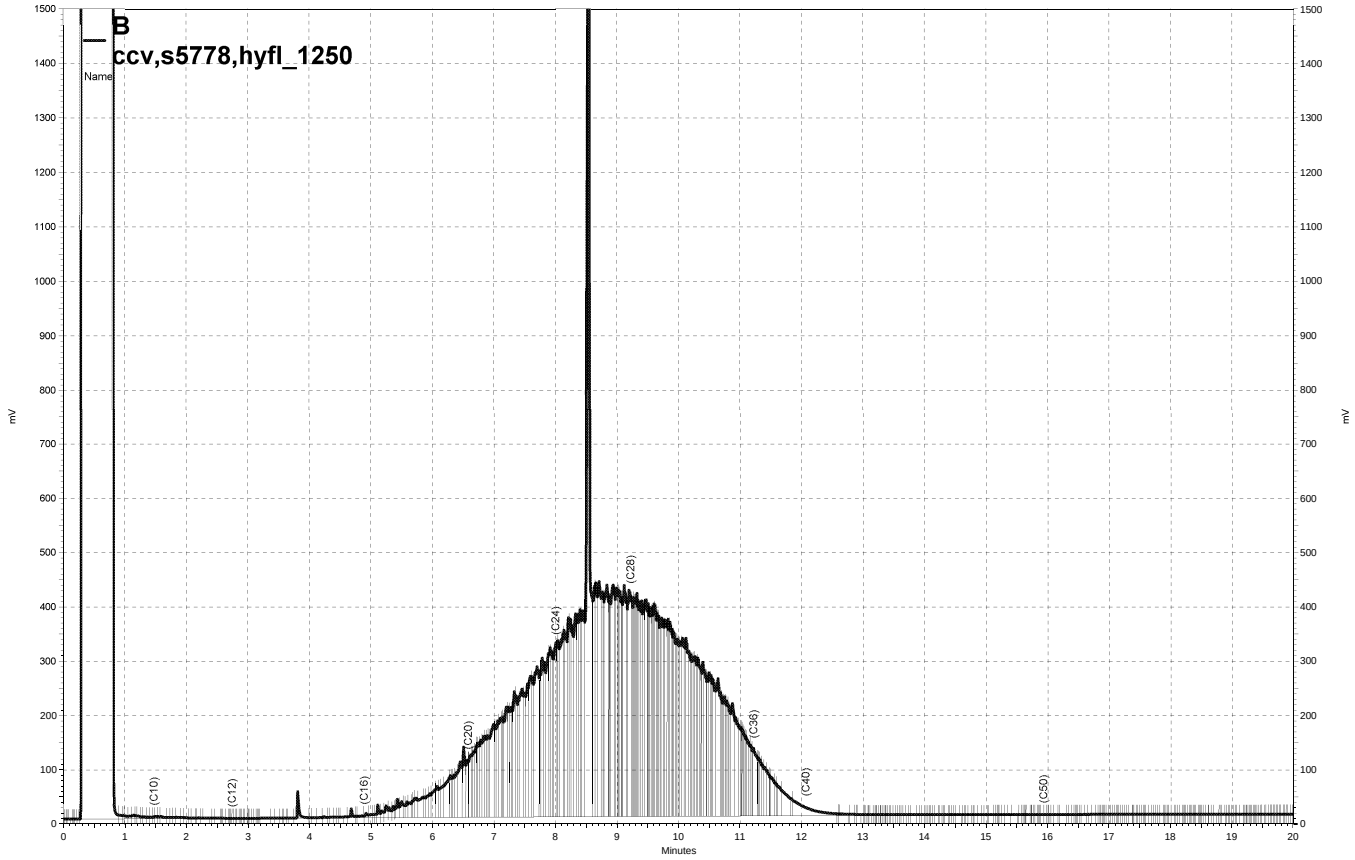

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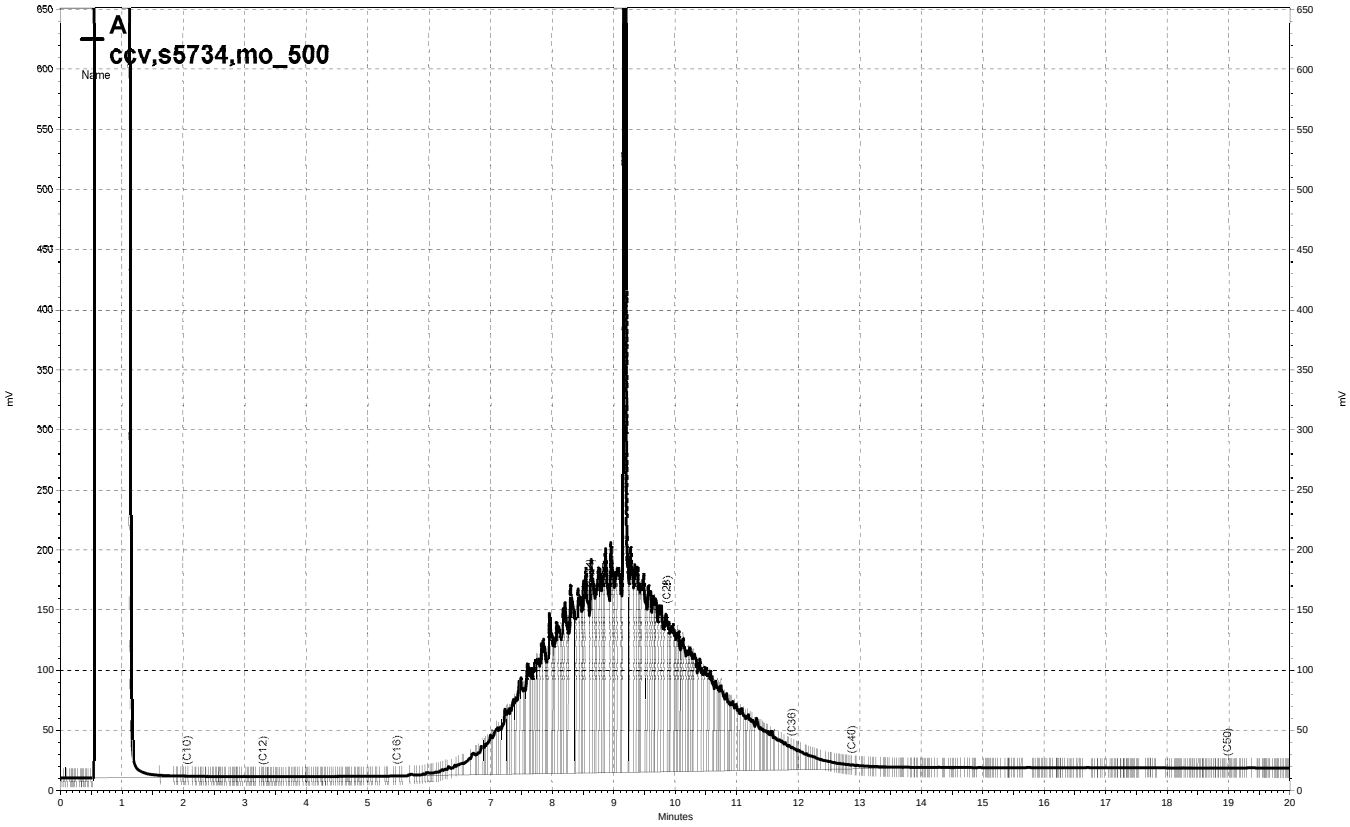

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194211

SECOR CHAIN-OF-CUSTODY RECORD

SECOR

COC # 02618
Page 1 of 2

FIELD OFFICE INFORMATION

OFFICE: 005

Send Report To: Greg Hoehn
57 Lafayette Circle
Lafayette, CA

Telephone: 925.299-9300

Fax / E-Mail: ghoehn@secor.com

PROJECT INFORMATION

Project No.: 050T.50238.00 Task:

Project Name: Kaiser - Broadway-Oak

Project Manager: Greg Hoehn

Laboratory: GST

ANALYSES / METHOD REQUEST

Number of Containers

TPH-g 8015M
BTEX+MTBE-8260B
TEPH-DHS LUFT 8015B silica gel cleaned
TEPH-motor oil 8015B silica gel cleaned
TEPH-8015B silica gel cleaned
15 LUFT Metals (6010B)
TEPH-hydraulic fluid 8015B silica gel cleaned

REMARKS / PRECAUTIONS

TAT: ☐ Normal ☒ Rush ☐ Other ____ 24HR

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☐ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other ____

	Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	TPH-g 8015M	BTEX+MTBE-8260B	TEPH-DHS LUFT 8015B silica gel cleaned	TEPH-motor oil 8015B silica gel cleaned	15 LUFT Metals (6010B)	TEPH-hydraulic fluid 8015B silica gel cleaned				Remarks / Precautions
-1	A2-E-10'	4/17/07	0730	soil	2	—		X	X	X	X	X					* priority
-2	A2-B-15'	4/17/07	0845	soil	2	|		X	X	X	X	X					*
-3	A2-E-10'		0850			|		X	X	X	X	X					*
-4	A4-N-5'	4/17/07	1000	soil	2	|				X		X					low priority
-5	A4-E-5'	4/17/07	1005	soil	2	—				X		X					low priority
-6	A4-B-5'	4/17/07	1007	soil	2	—				X		X					low priority
-7	A4-W-5'	4/17/07	1011	soil	2	—				X		X					low priority
-8	A2-N-5'	4/17/07	1020	soil	2	—		X	X	X	X	X					*
-9	A2-N-10'	4/17/07	1030	soil	2	—		X	X	X	X	X					*
-10	A2-BW-15'	4/17/07	1140	soil	2	—		X	X	X	X	X					*
-11	A5-ST-10'	4/17/07	1425	soil	2	—				X							*

Possible Hazard Identification
☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Sampled by: Khamly Chup

Shipment Method: Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Khamly Chup	Khamly Chup	SECOR Int'l Inc	4/17/07	1559
1b	Received by:	Aaron Grewer	CTT	4/17/07	1559
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other **Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

Added A4-S-5' to COC, logged in on hold per AMK.

194 211

SECOR CHAIN-OF-CUSTODY RECORD

SECOR

COC # 02619
Page 2 of 2

FIELD OFFICE INFORMATION	PROJECT INFORMATION
OFFICE: 005	Project No.: 05OT.50238.00 Task:
Send Report To: Greg Hoehn 57 Lafayette Circle, 2nd Floor Lafayette, CA	Project Name: Kaiser - Broadway Oakland
	Project Manager: Greg Hoehn
Telephone: 925-299-9300	Laboratory: Curtis & Tompkins
Fax / E-Mail: ghoehn@secor.com	

	Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	TEPH - Diesel 8015 Silica gel cleanup	TEPH - hydraulic fluid 8015 Silica gel cleanup	LUFT Metals (6010B)	REMARKS / PRECAUTIONS
-12	~~A5~~ A5-S1-20'	4/17/07	1130	SOIL	2jars	—	2	X	X		* priority
-13	A5-S2-10'		1440					X	X		* priority
-14	A5-S2-20'		1450					X	X		* priority
-15	A6-N-5'		1508					X	X	X	Only LUFT Metals
-16	A6-N-10'		1530							X	
-17	A6-E-5'		1540							X	
-18	A6-E-10		1540							X	
-19	A6-S-5'		1543							X	
-20	A6-S-10'		1545							X	
-21	A6-W-5'		1549							X	
-22	A6-W-10'		1551							X	
-23	A4-S-5'	4/17/07	1015								

TAT: ☐ Normal ☒ Rush ☐ Other 24-HR

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☐ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other

Possible Hazard Identification: ☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sampled by: Khamly Chup

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Khamly Chup	Khamly Chup	SECOR Int'l Inc.	4/17/07	1559
1b	Received by:	AARON GRENIER	C&T	4/17/07	1554
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124267
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07

Field ID: A2-E-10'
Type: SAMPLE
Lab ID: 194211-001

Diln Fac: 1.000
Analyzed: 04/17/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	70-132
Bromofluorobenzene (FID)	89	66-138

Field ID: A2-B-15'
Type: SAMPLE
Lab ID: 194211-002

Diln Fac: 25.00
Analyzed: 04/18/07

Analyte	Result	RL
Gasoline C7-C12	700	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	70-132
Bromofluorobenzene (FID)	107	66-138

Field ID: A2-E-10'
Type: SAMPLE
Lab ID: 194211-003

Diln Fac: 1.000
Analyzed: 04/18/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	70-132
Bromofluorobenzene (FID)	88	66-138

Field ID: A2-N-5'
Type: SAMPLE
Lab ID: 194211-008

Diln Fac: 1.000
Analyzed: 04/18/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	91	70-132
Bromofluorobenzene (FID)	82	66-138

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124267
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07

Field ID: A2-N-10' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 04/18/07
Lab ID: 194211-009

Analyte	Result	RL
Gasoline C7-C12	ND	0.98

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	70-132
Bromofluorobenzene (FID)	81	66-138

Field ID: A2-BW-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 04/18/07
Lab ID: 194211-010

Analyte	Result	RL
Gasoline C7-C12	14 Y	0.94

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	70-132
Bromofluorobenzene (FID)	105	66-138

Type: BLANK | Diln Fac: 1.000
Lab ID: QC384047 | Analyzed: 04/17/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	83	66-138

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC384049	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124267
Units:	mg/Kg	Analyzed:	04/17/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	8.886	89	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	70-132
Bromofluorobenzene (FID)	110	66-138

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A2-N-5'	Diln Fac:	1.000
MSS Lab ID:	194211-008	Batch#:	124267
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Analyzed:	04/17/07

Type: MS Lab ID: QC384078

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.06223	9.804	6.567	66	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	70-132
Bromofluorobenzene (FID)	103	66-138

Type: MSD Lab ID: QC384079

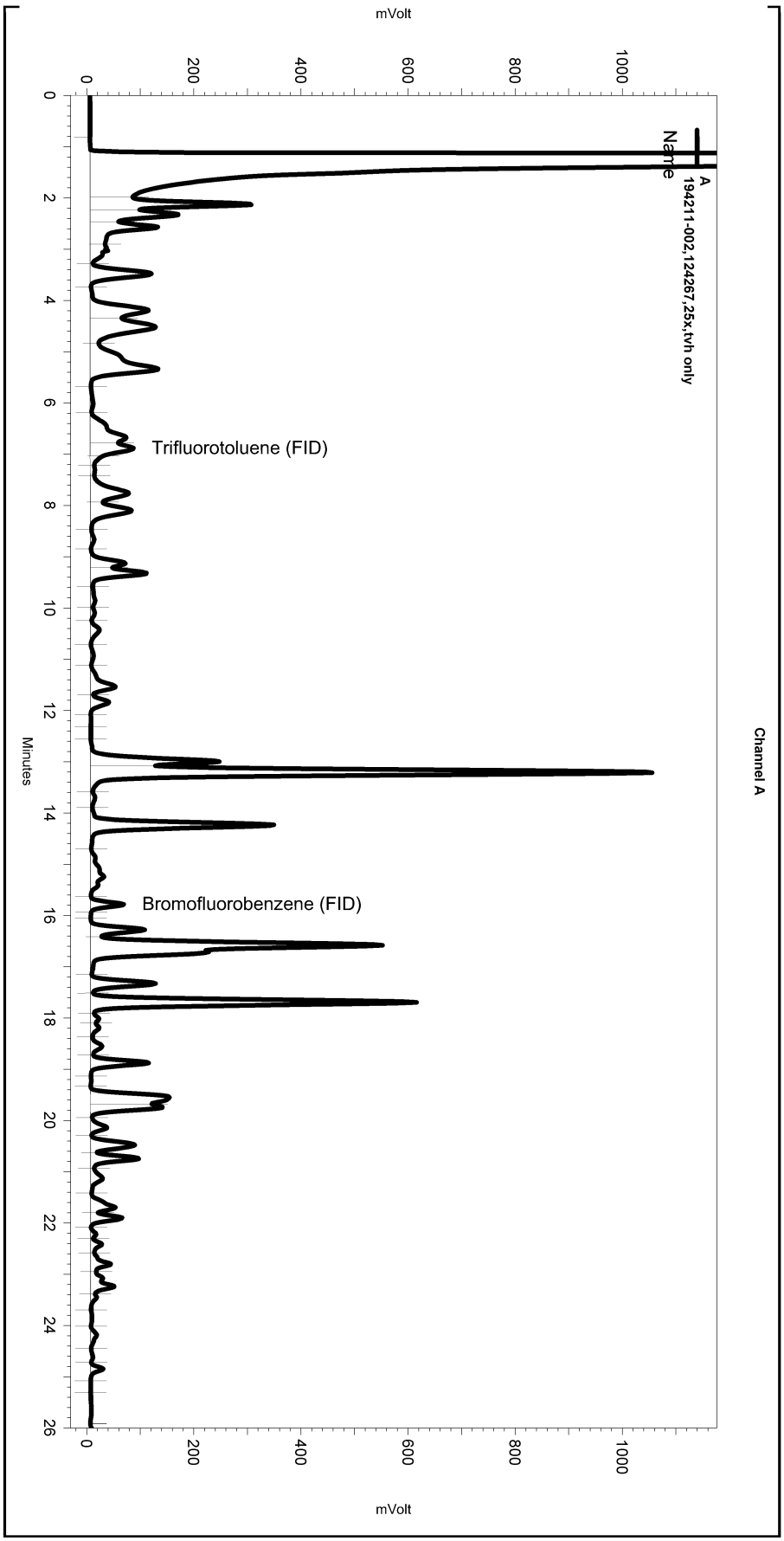
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.10	6.925	68	36-120	2	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	107	70-132
Bromofluorobenzene (FID)	97	66-138

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\107.seq**
Sample Name: **194211-002,124267,25x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\107_029**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe085.met

Software Version 3.1.7
Run Date: 4/18/2007 10:23:25 AM
Analysis Date: 4/18/2007 11:16:39 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: B



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\107_029

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	7.031	0	0
Yes	Split Peak	15.93	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\107.seq**
Sample Name: **194211-010,124267,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\107_025**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe085.met

Software Version 3.1.7
Run Date: 4/18/2007 3:58:24 AM
Analysis Date: 4/18/2007 8:46:49 AM
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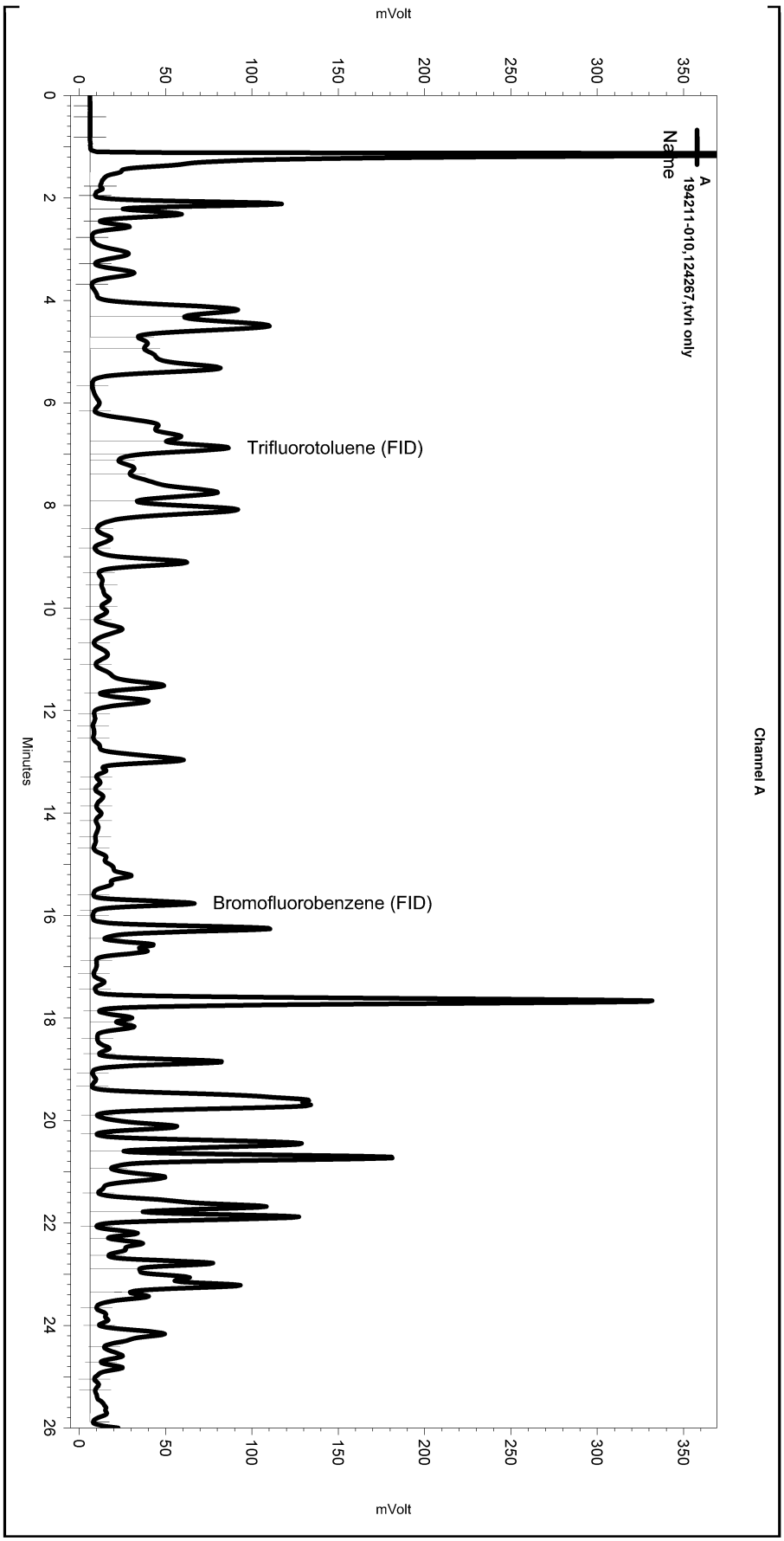
Vial & pH or Core ID: B



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

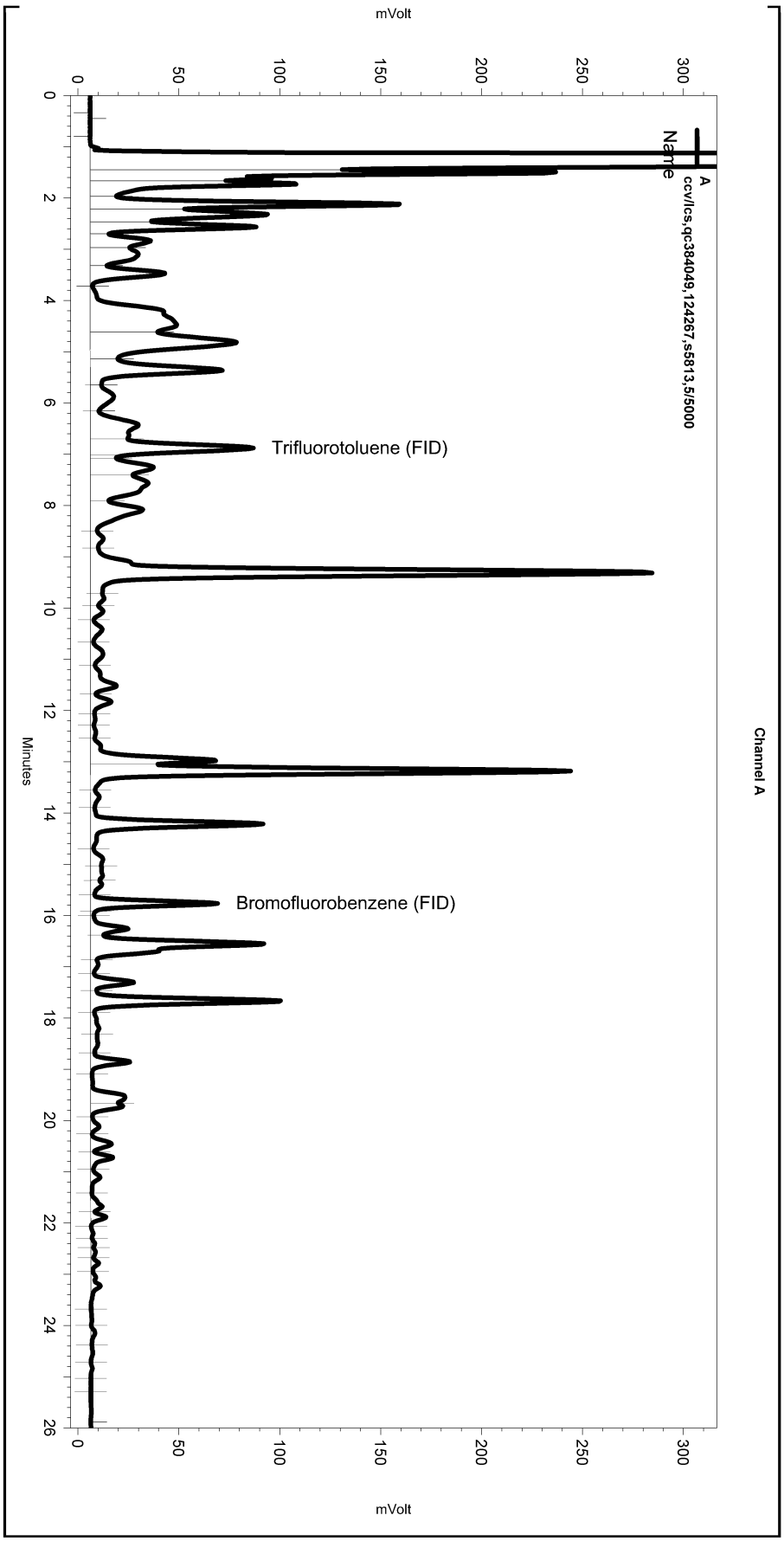
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\107_025

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.998	0	0
Yes	Split Peak	15.906	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\107.seq**
Sample Name: **ccv/lcs,qc384049,124267,s5813,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\107_005**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe085.met

Software Version 3.1.7
Run Date: 4/17/2007 1:21:29 PM
Analysis Date: 4/18/2007 8:54:54 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\107_005

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	7.021	0	0
Yes	Split Peak	15.92	0	0

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Batch#:	124276		

Field ID:	A4-N-5'	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-004	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	4.6 H,Y	1.0

Surrogate	%REC	Limits
Hexacosane	114	40-127

Field ID:	A4-E-5'	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-005	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	7.7 H,Y	1.0

Surrogate	%REC	Limits
Hexacosane	114	40-127

Field ID:	A4-B-5'	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-006	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	19 H,Y	1.0

Surrogate	%REC	Limits
Hexacosane	95	40-127

Field ID:	A4-W-5'	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	04/18/07
Lab ID:	194211-007	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	6.5 H,Y	0.99

Surrogate	%REC	Limits
Hexacosane	105	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Batch#:	124276		

Field ID: A5-S1-10' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 04/18/07
Lab ID: 194211-011 | Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0

Surrogate	%REC	Limits
Hexacosane	117	40-127

Field ID: A5-S1-20' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 04/17/07
Lab ID: 194211-012 | Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	86	40-127

Field ID: A5-S2-10' | Diln Fac: 40.00
Type: SAMPLE | Analyzed: 04/18/07
Lab ID: 194211-013 | Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	6,500 H Y q	40
Hydraulic Fluid, C12-40	11,000 q	200

Surrogate	%REC	Limits
Hexacosane	DO q	40-127

Field ID: A5-S2-20' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 04/17/07
Lab ID: 194211-014 | Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	8.6 H Y	1.0
Hydraulic Fluid, C12-40	15	5.0

Surrogate	%REC	Limits
Hexacosane	105	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Batch#:	124276		

Type:	BLANK	Analyzed:	04/17/07
Lab ID:	QC384074	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
q= Draft result - ending instrument QC not yet analyzed
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC384075	Batch#:	124276
Matrix:	Soil	Prepared:	04/17/07
Units:	mg/Kg	Analyzed:	04/17/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.91	44.14	88	58-127

Surrogate	%REC	Limits
Hexacosane	115	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124276
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07
Diln Fac:	1.000	Prepared:	04/17/07

Field ID: A2-E-10' Analyzed: 04/18/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194211-001

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	92	40-127

Field ID: A2-B-15' Analyzed: 04/17/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194211-002

Analyte	Result	RL
Diesel C10-C24	40 L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	89	40-127

Field ID: A2-E-10' Analyzed: 04/17/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194211-003

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	100	40-127

Field ID: A2-N-5' Analyzed: 04/18/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194211-008

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	98	40-127

L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124276
Units:	mg/Kg	Sampled:	04/17/07
Basis:	as received	Received:	04/17/07
Diln Fac:	1.000	Prepared:	04/17/07

Field ID: A2-N-10' Analyzed: 04/17/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194211-009

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	90	40-127

Field ID: A2-BW-15' Analyzed: 04/18/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194211-010

Analyte	Result	RL
Diesel C10-C24	14 L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	88	40-127

Type: BLANK Analyzed: 04/17/07
Lab ID: QC384074 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

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Batch QC Report

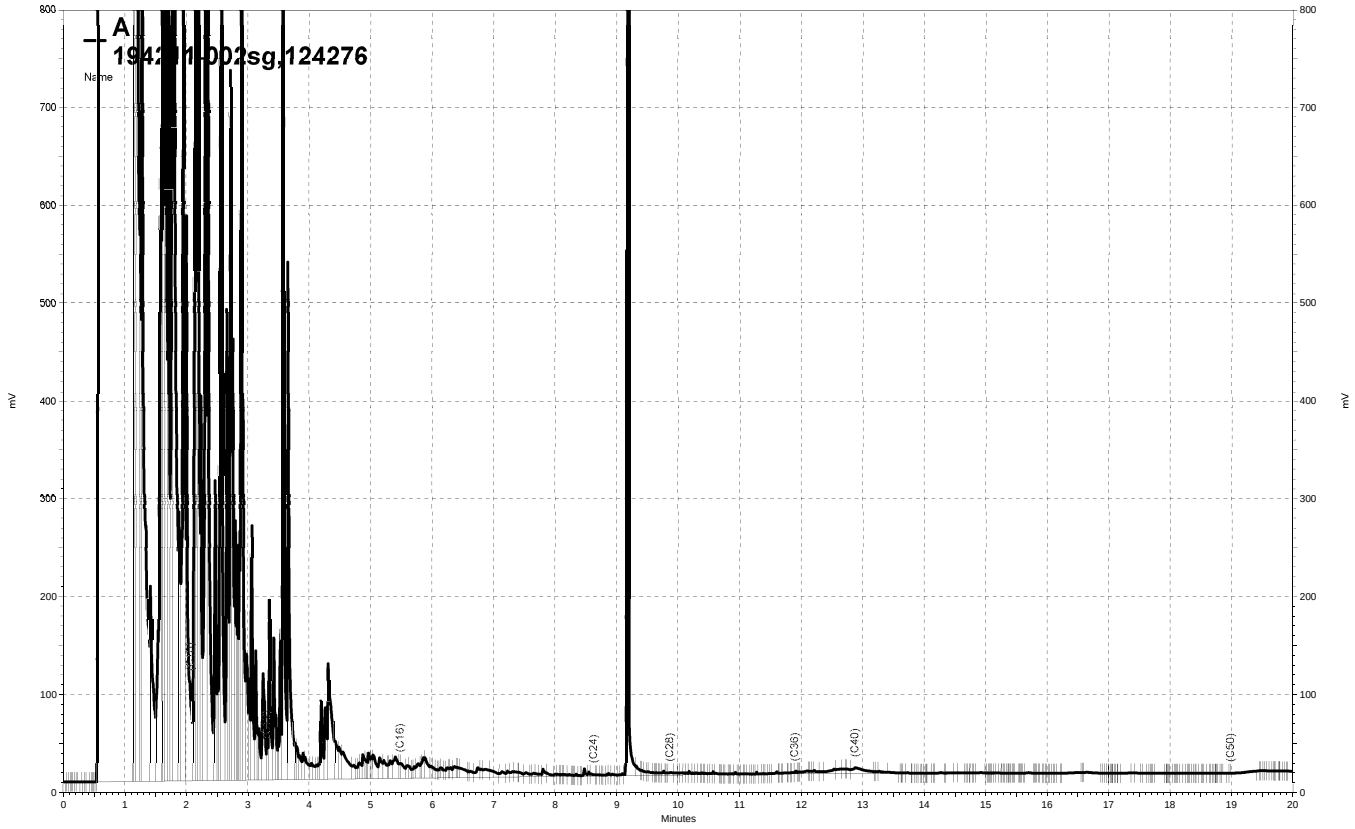
Total Extractable Hydrocarbons

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC384075	Batch#:	124276
Matrix:	Soil	Prepared:	04/17/07
Units:	mg/Kg	Analyzed:	04/17/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.91	44.14	88	58-127

Surrogate	%REC	Limits
Hexacosane	115	40-127



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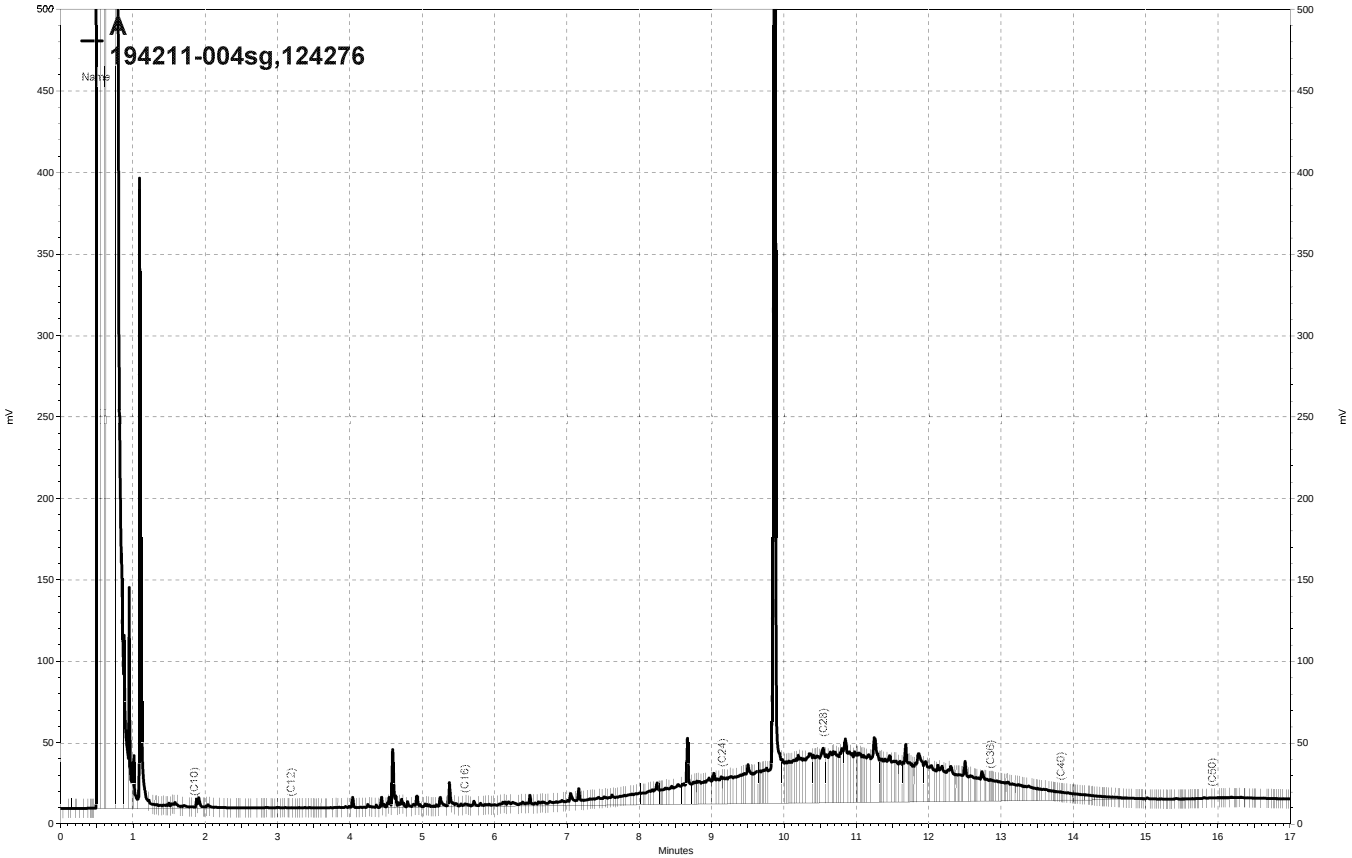

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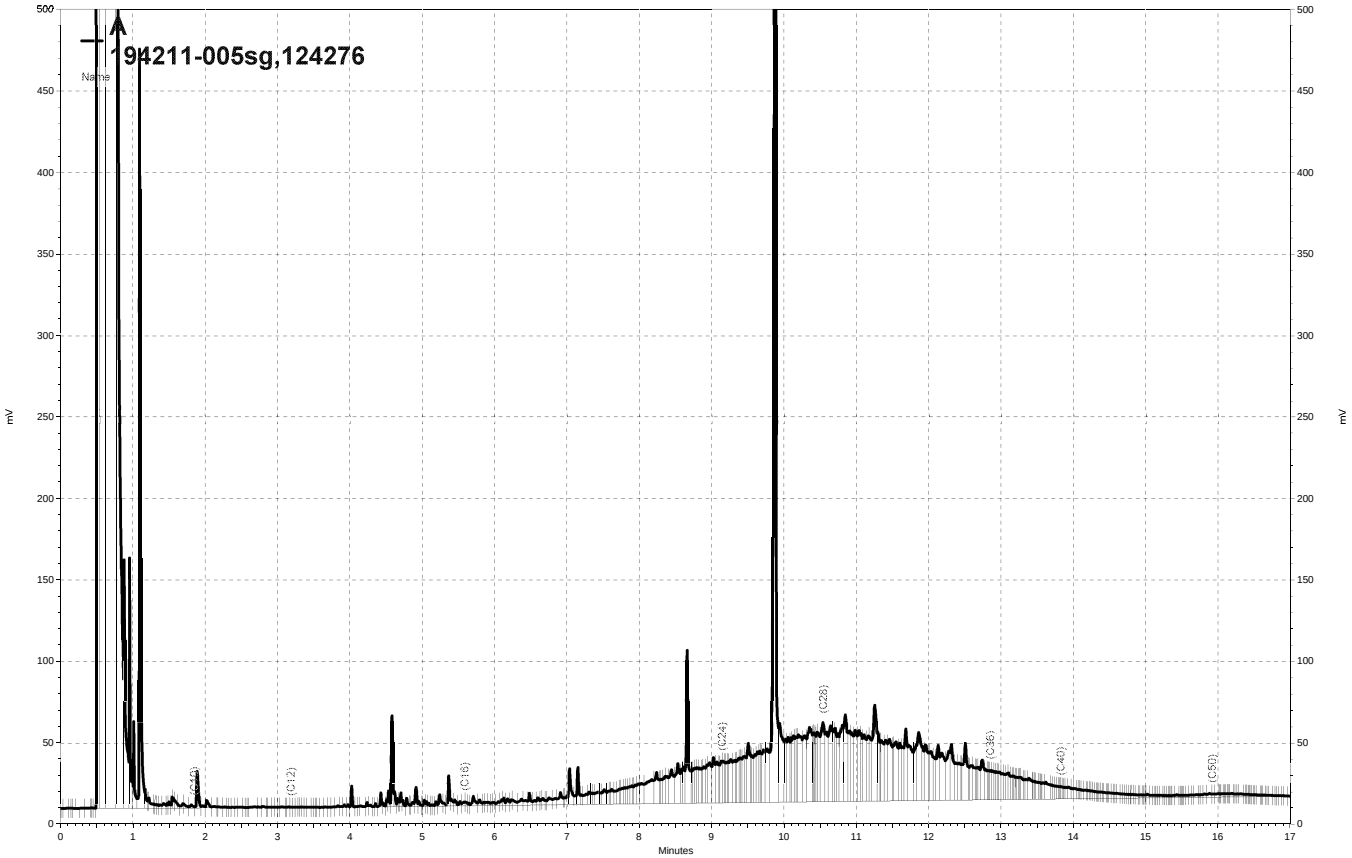

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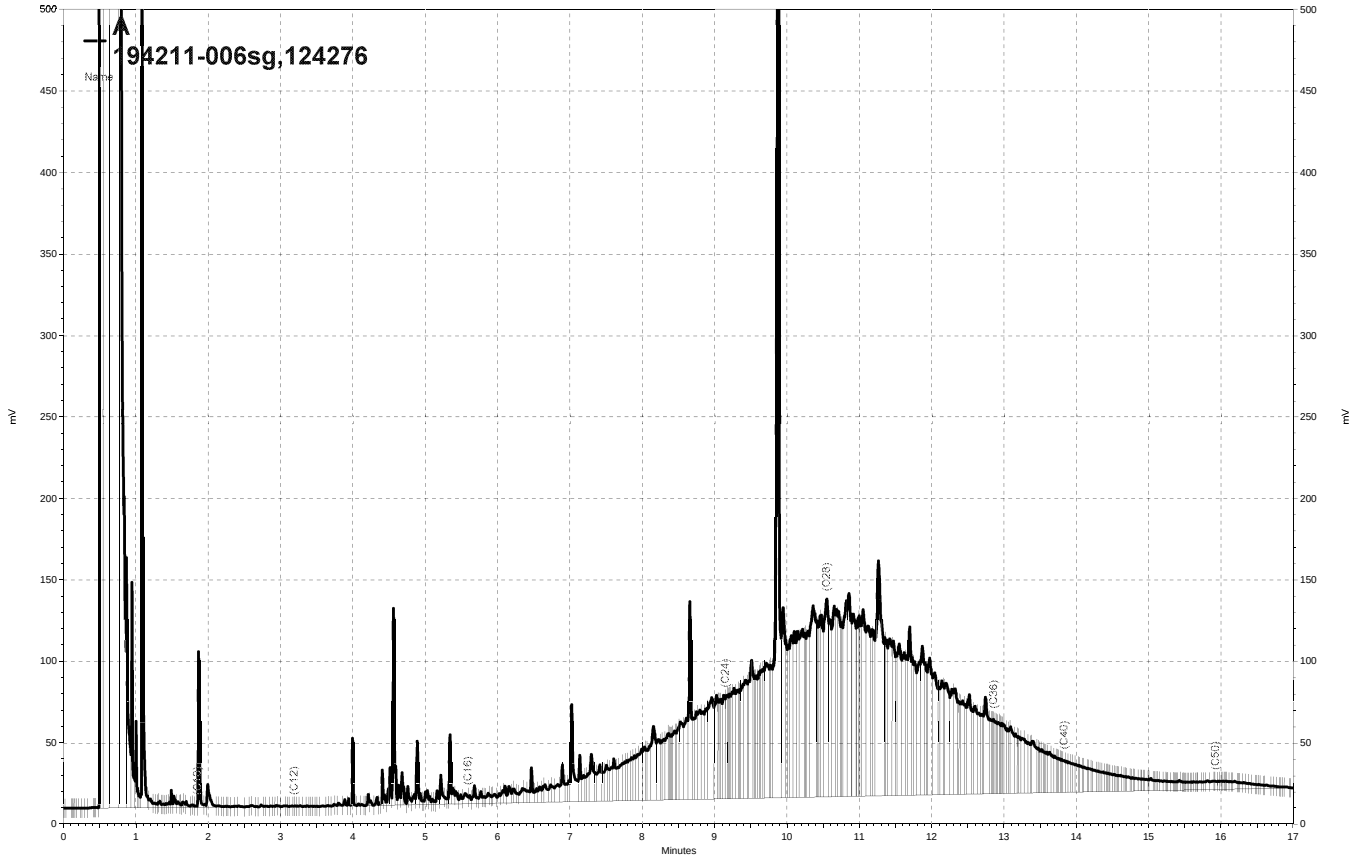

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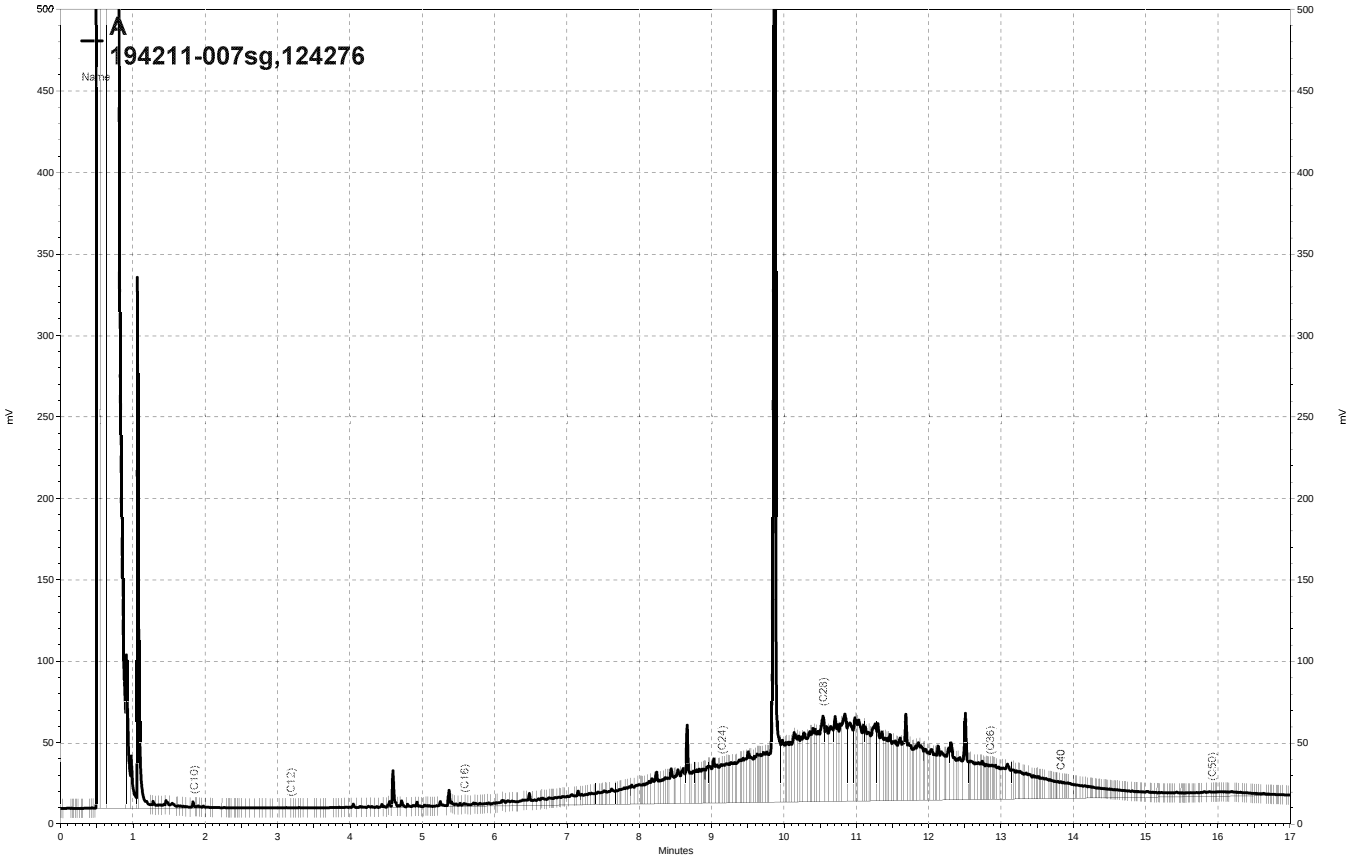

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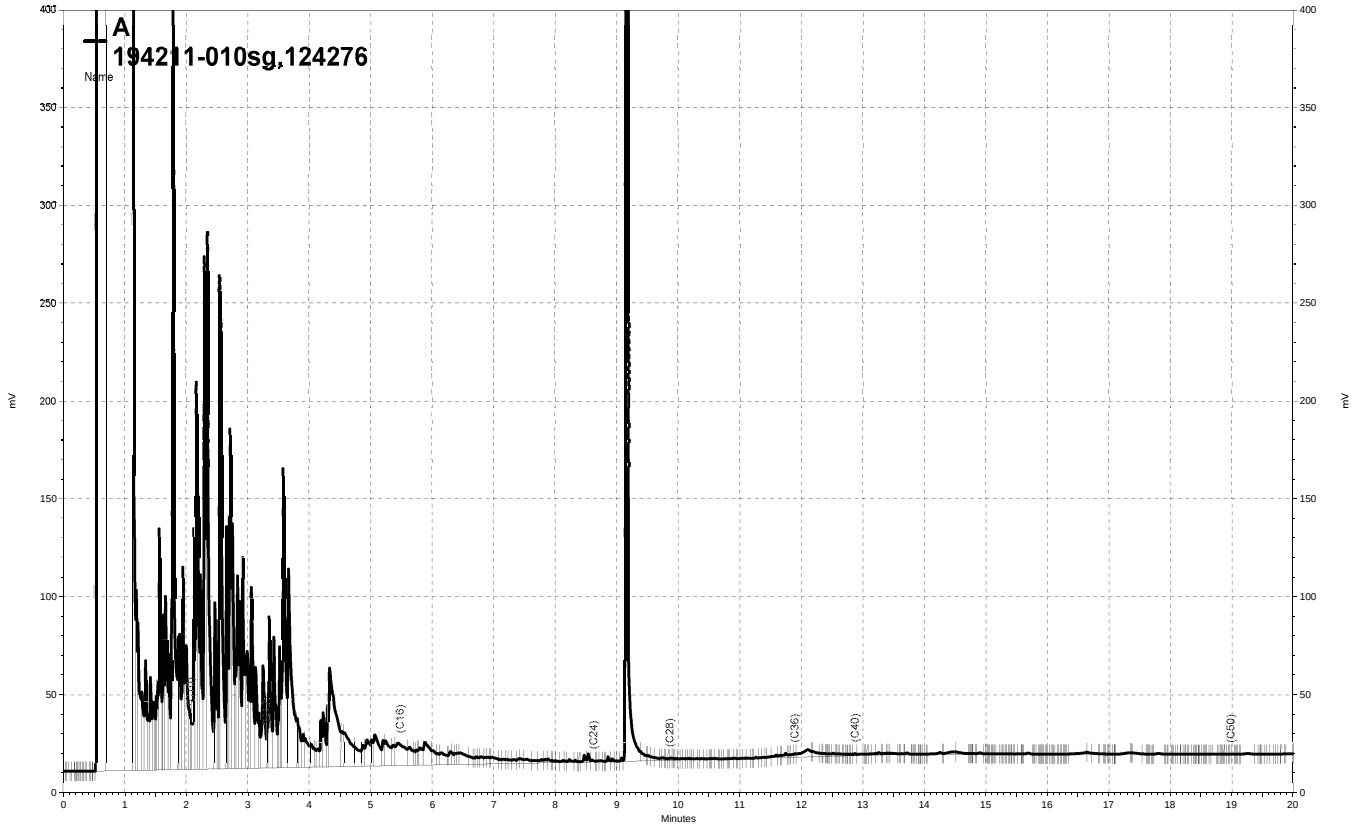

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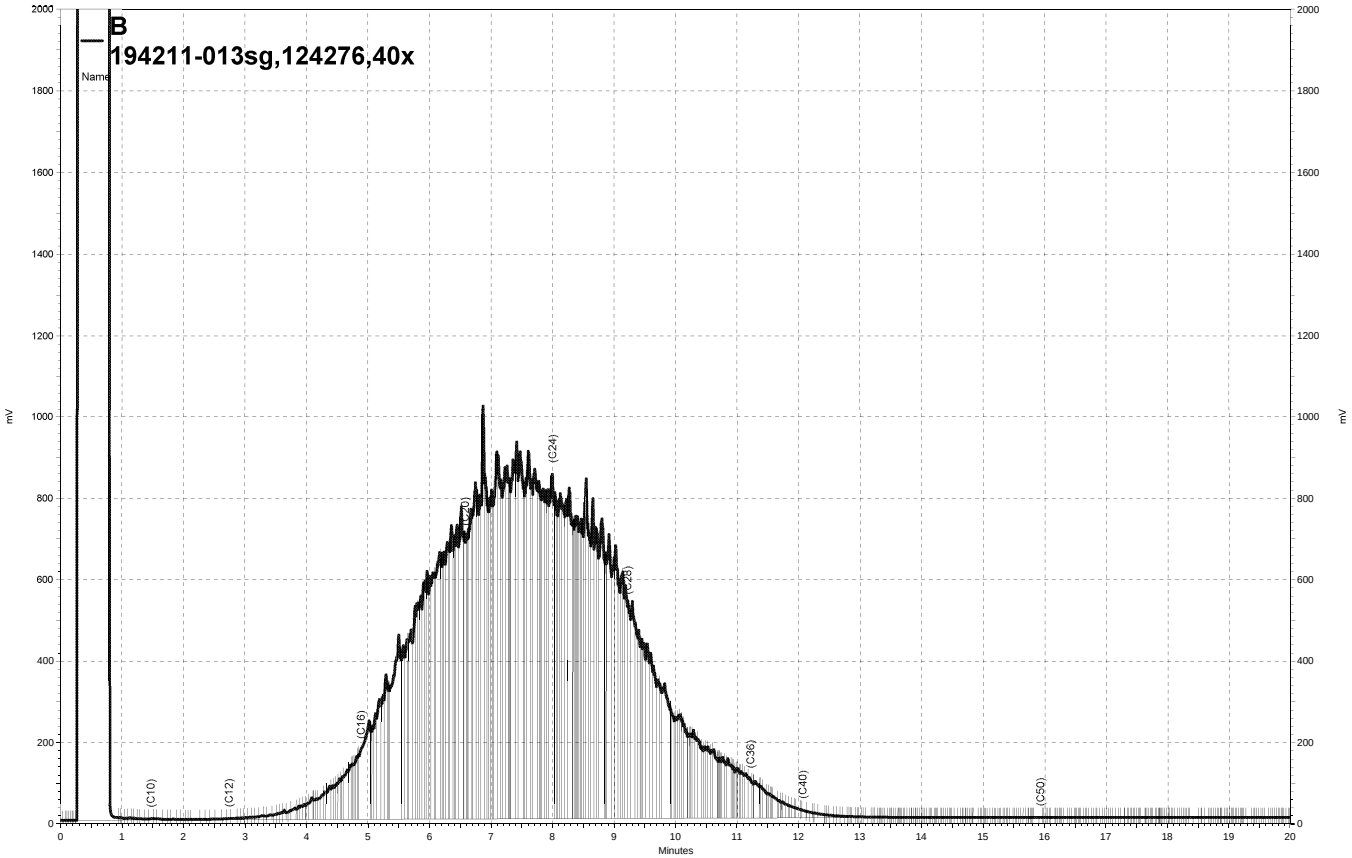

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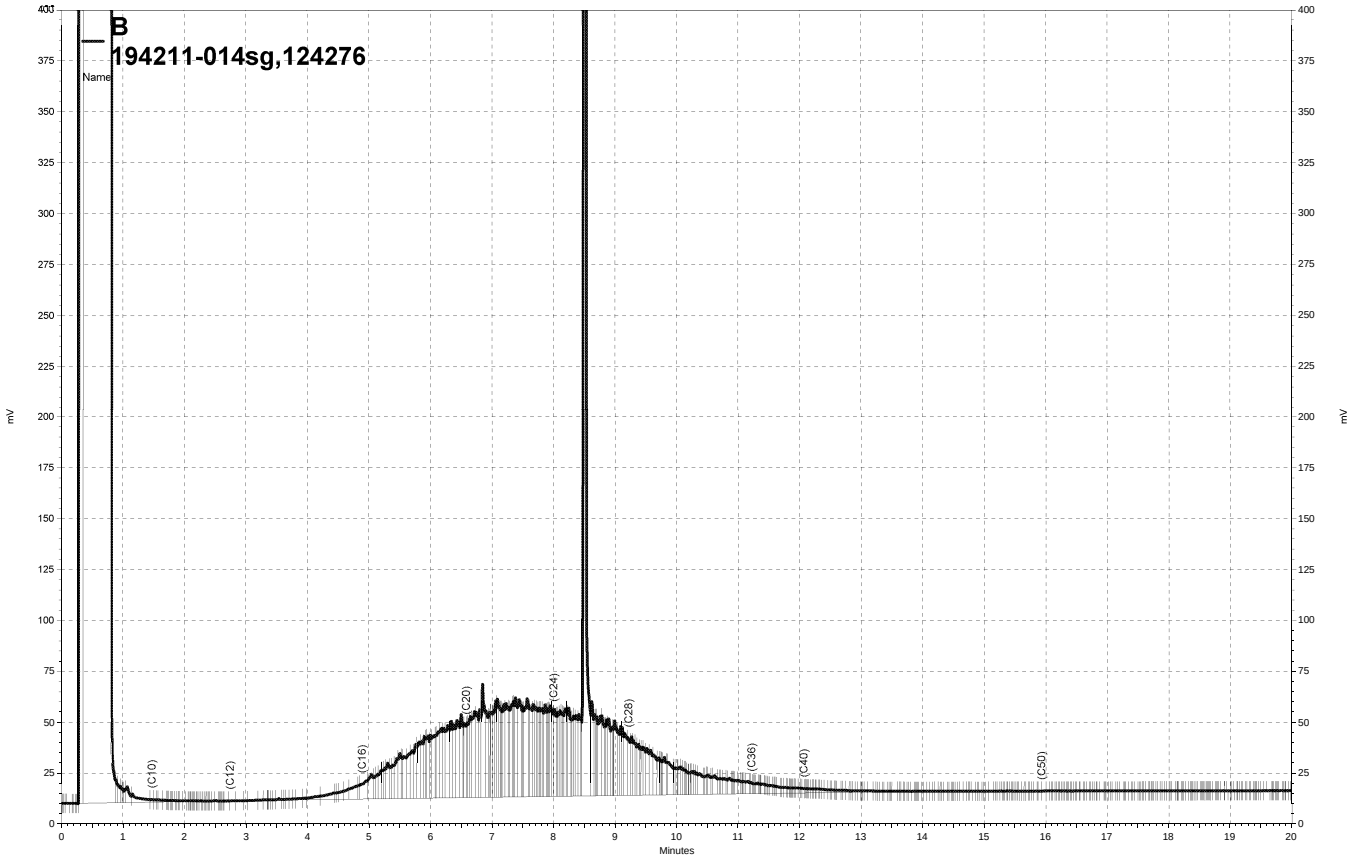

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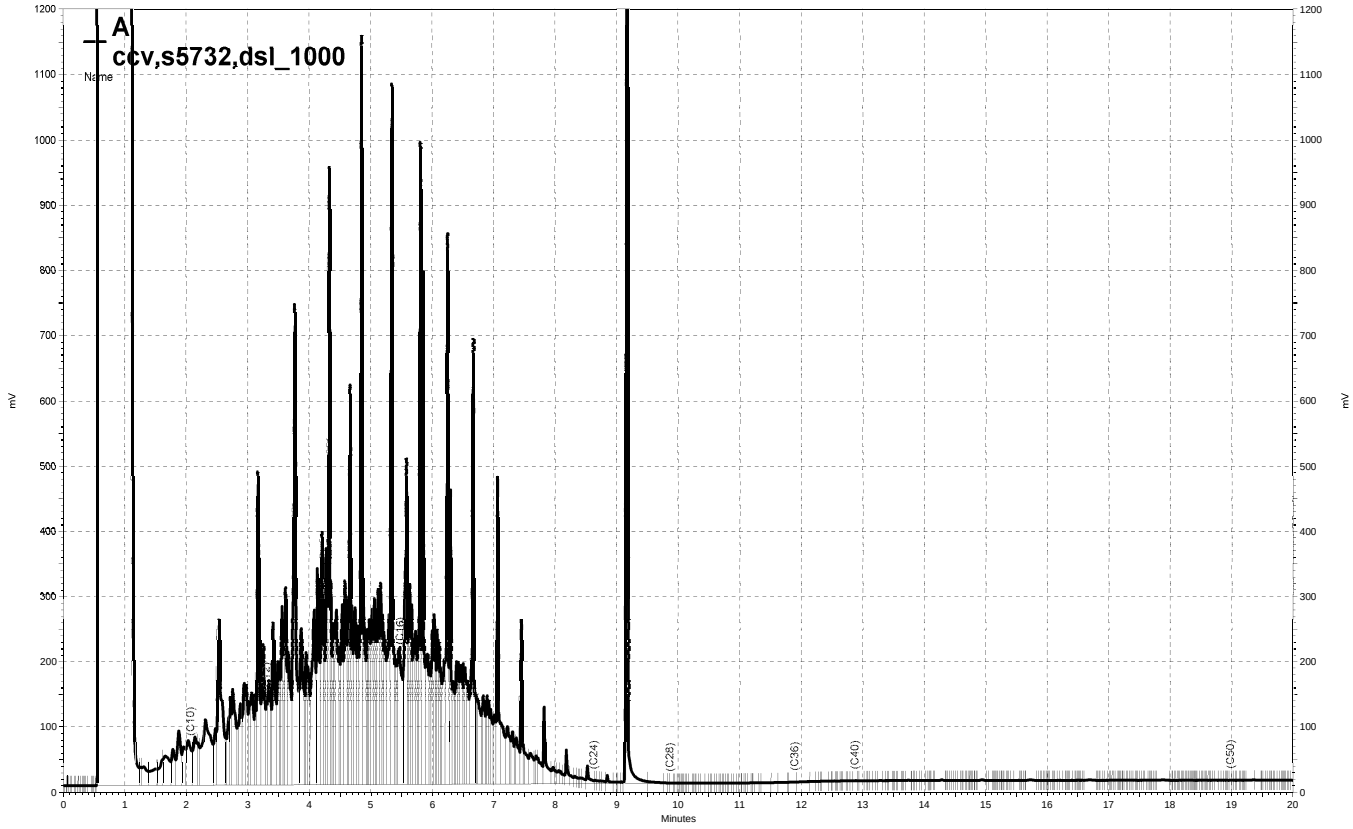

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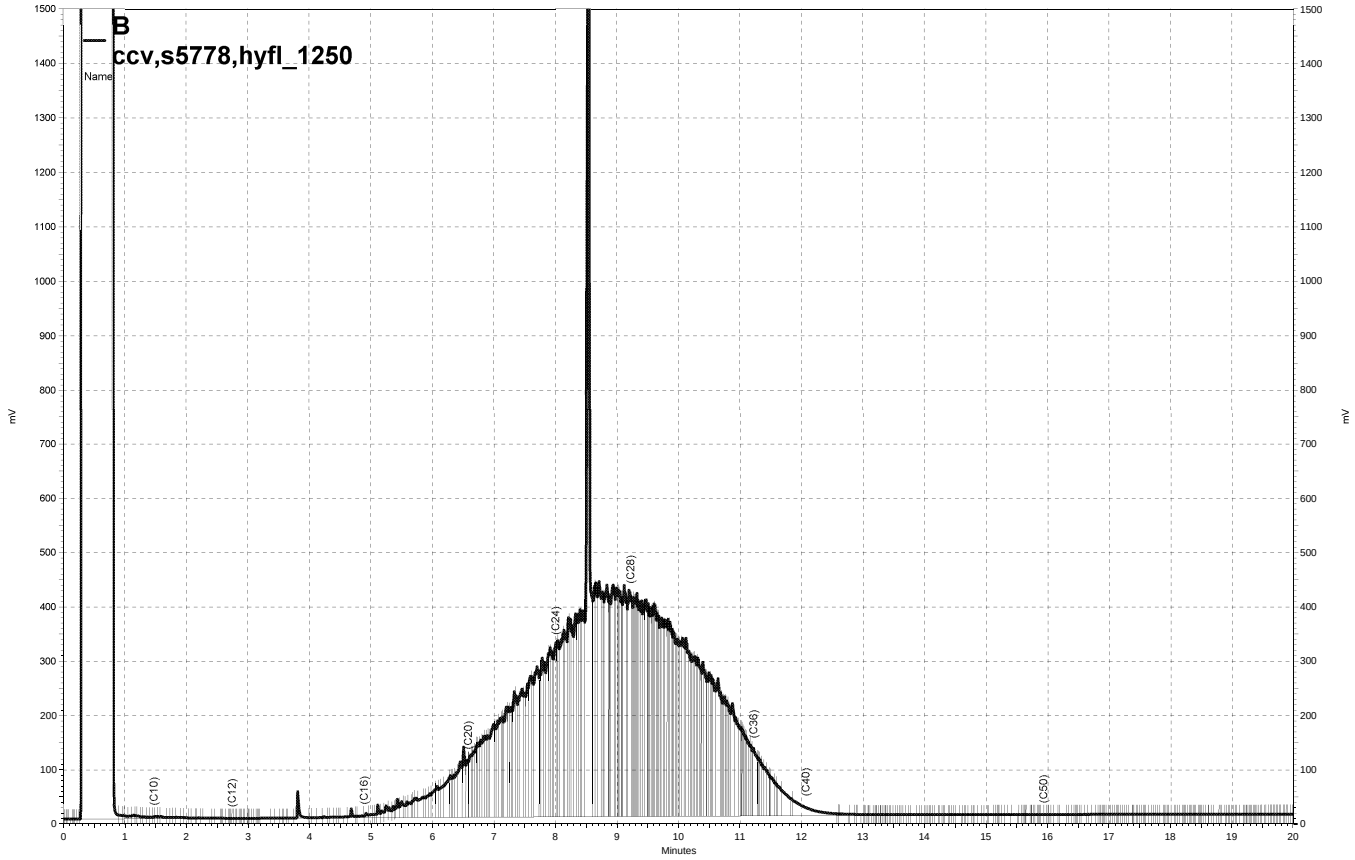

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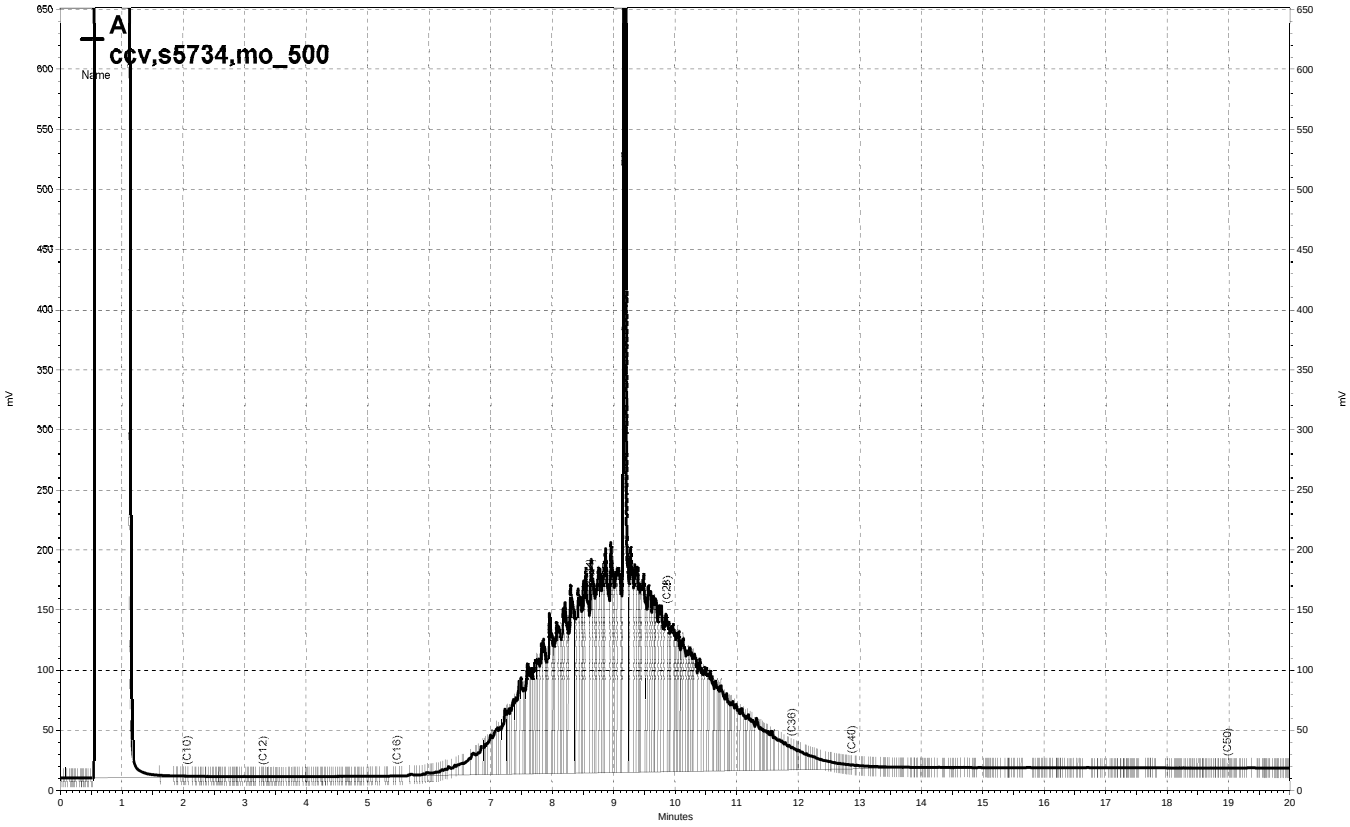

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Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-E-10'	Diln Fac:	0.9615
Lab ID:	194211-001	Batch#:	124248
Matrix:	Soil	Sampled:	04/17/07
Units:	ug/Kg	Received:	04/17/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.8
Benzene	ND	4.8
Toluene	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	136 *	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	98	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

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Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-B-15'	Diln Fac:	500.0
Lab ID:	194211-002	Batch#:	124291
Matrix:	Soil	Sampled:	04/17/07
Units:	ug/Kg	Received:	04/17/07
Basis:	as received	Analyzed:	04/18/07

Analyte	Result	RL
MTBE	ND	2,500
Benzene	ND	2,500
Toluene	ND	2,500
Ethylbenzene	15,000	2,500
m,p-Xylenes	63,000	2,500
o-Xylene	16,000	2,500

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	85	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	91	80-126
Trifluorotoluene (MeOH)	DO	58-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

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Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-E-10'	Diln Fac:	0.8929
Lab ID:	194211-003	Batch#:	124248
Matrix:	Soil	Sampled:	04/17/07
Units:	ug/Kg	Received:	04/17/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.5
Benzene	ND	4.5
Toluene	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	142 *	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

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Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-N-5'	Diln Fac:	0.8772
Lab ID:	194211-008	Batch#:	124248
Matrix:	Soil	Sampled:	04/17/07
Units:	ug/Kg	Received:	04/17/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.4
Benzene	ND	4.4
Toluene	ND	4.4
Ethylbenzene	ND	4.4
m,p-Xylenes	ND	4.4
o-Xylene	ND	4.4

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	137 *	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	99	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

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Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-N-10'	Diln Fac:	0.9091
Lab ID:	194211-009	Batch#:	124248
Matrix:	Soil	Sampled:	04/17/07
Units:	ug/Kg	Received:	04/17/07
Basis:	as received	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	4.5
Benzene	ND	4.5
Toluene	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	137 *	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	97	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

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Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-BW-15'	Diln Fac:	25.00
Lab ID:	194211-010	Batch#:	124291
Matrix:	Soil	Sampled:	04/17/07
Units:	ug/Kg	Received:	04/17/07
Basis:	as received	Analyzed:	04/18/07

Analyte	Result	RL
MTBE	ND	130
Benzene	ND	130
Toluene	ND	130
Ethylbenzene	130	130
m,p-Xylenes	ND	130
o-Xylene	ND	130

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	91	76-135
Toluene-d8	95	80-120
Bromofluorobenzene	94	80-126

ND= Not Detected
RL= Reporting Limit

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC383976	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124248
Units:	ug/Kg	Analyzed:	04/17/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	126	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	102	80-126

ND= Not Detected
RL= Reporting Limit

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC383977	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124248
Units:	ug/Kg	Analyzed:	04/17/07

Analyte	Spiked	Result	%REC	Limits
MTBE	40.00	36.24	91	66-120
Benzene	40.00	40.28	101	80-120
Toluene	40.00	41.33	103	80-120
Ethylbenzene	40.00	45.14	113	80-125
m,p-Xylenes	80.00	88.54	111	80-123
o-Xylene	40.00	43.43	109	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	121	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-126

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9091
MSS Lab ID:	194154-010	Batch#:	124248
Matrix:	Soil	Sampled:	04/12/07
Units:	ug/Kg	Received:	04/13/07
Basis:	as received	Analyzed:	04/17/07

Type: MS Lab ID: QC384030

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1077	45.45	39.79	88	55-120
Benzene	<0.1785	45.45	42.53	94	61-122
Toluene	<0.2340	45.45	42.98	95	57-124
Ethylbenzene	<0.3302	45.45	45.22	99	55-129
m,p-Xylenes	<0.5428	90.91	89.53	98	53-127
o-Xylene	<0.1618	45.45	43.46	96	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	105	80-120
Bromofluorobenzene	98	80-126

Type: MSD Lab ID: QC384031

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	45.45	41.07	90	55-120	3	20
Benzene	45.45	40.23	88	61-122	6	20
Toluene	45.45	40.47	89	57-124	6	21
Ethylbenzene	45.45	41.90	92	55-129	8	23
m,p-Xylenes	90.91	82.23	90	53-127	9	23
o-Xylene	45.45	40.21	88	54-127	8	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	101	80-126

RPD= Relative Percent Difference

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC384137	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124291
Units:	ug/Kg	Analyzed:	04/18/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	27.21	109	66-120
Benzene	25.00	27.16	109	80-120
Toluene	25.00	27.98	112	80-120
Ethylbenzene	25.00	29.17	117	80-125
m,p-Xylenes	50.00	55.96	112	80-123
o-Xylene	25.00	27.09	108	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-126

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Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC384139	Diln Fac:	1.000
Matrix:	Soil	Batch#:	124291
Units:	ug/Kg	Analyzed:	04/18/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	123	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	110	80-126

ND= Not Detected
RL= Reporting Limit

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California LUFT Metals

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Diln Fac:	1.000	Analyzed:	04/18/07
Batch#:	124279		

Field ID: A2-E-10' Lab ID: 194211-001
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	33	0.25
Lead	5.3	0.15
Nickel	47	0.25
Zinc	30	1.0

Field ID: A2-B-15' Lab ID: 194211-002
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	36	0.25
Lead	4.3	0.15
Nickel	50	0.25
Zinc	43	1.0

Field ID: A2-E-10' Lab ID: 194211-003
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	42	0.25
Lead	7.6	0.15
Nickel	35	0.25
Zinc	24	1.0

Field ID: A4-N-5' Lab ID: 194211-004
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.58	0.25
Chromium	74	0.25
Lead	160	0.15
Nickel	120	0.25
Zinc	140	1.0

ND= Not Detected
RL= Reporting Limit

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California LUFT Metals

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Diln Fac:	1.000	Analyzed:	04/18/07
Batch#:	124279		

Field ID: A4-E-5' Lab ID: 194211-005
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.53	0.25
Chromium	72	0.25
Lead	87	0.15
Nickel	130	0.25
Zinc	93	1.0

Field ID: A4-B-5' Lab ID: 194211-006
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.27	0.25
Chromium	58	0.25
Lead	61	0.15
Nickel	120	0.25
Zinc	69	1.0

Field ID: A4-W-5' Lab ID: 194211-007
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	62	0.25
Lead	18	0.15
Nickel	110	0.25
Zinc	40	1.0

Field ID: A2-N-5' Lab ID: 194211-008
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	25	0.25
Lead	14	0.15
Nickel	31	0.25
Zinc	16	1.0

ND= Not Detected
RL= Reporting Limit

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California LUFT Metals

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Diln Fac:	1.000	Analyzed:	04/18/07
Batch#:	124279		

Field ID: A2-N-10' Lab ID: 194211-009
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	41	0.25
Lead	4.7	0.15
Nickel	56	0.25
Zinc	25	1.0

Field ID: A2-BW-15' Lab ID: 194211-010
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.27	0.25
Chromium	42	0.25
Lead	13	0.15
Nickel	94	0.25
Zinc	53	1.0

Field ID: A6-N-5' Lab ID: 194211-015
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.69	0.25
Chromium	45	0.25
Lead	310	0.15
Nickel	65	0.25
Zinc	310	1.0

Field ID: A6-N-10' Lab ID: 194211-016
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	47	0.25
Lead	9.7	0.15
Nickel	57	0.25
Zinc	35	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California LUFT Metals

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Diln Fac:	1.000	Analyzed:	04/18/07
Batch#:	124279		

Field ID: A6-E-5' Lab ID: 194211-017
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	28	0.25
Lead	5.6	0.15
Nickel	34	0.25
Zinc	23	1.0

Field ID: A6-E-10' Lab ID: 194211-018
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	41	0.25
Lead	17	0.15
Nickel	47	0.25
Zinc	37	1.0

Field ID: A6-S-5' Lab ID: 194211-019
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	44	0.25
Lead	11	0.15
Nickel	87	0.25
Zinc	66	1.0

Field ID: A6-S-10' Lab ID: 194211-020
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	33	0.25
Lead	12	0.15
Nickel	47	0.25
Zinc	35	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California LUFT Metals

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/17/07
Units:	mg/Kg	Received:	04/17/07
Basis:	as received	Prepared:	04/17/07
Diln Fac:	1.000	Analyzed:	04/18/07
Batch#:	124279		

Field ID: A6-W-5' Lab ID: 194211-021
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.36	0.25
Chromium	44	0.25
Lead	140	0.15
Nickel	73	0.25
Zinc	180	1.0

Field ID: A6-W-10' Lab ID: 194211-022
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	53	0.25
Lead	5.4	0.15
Nickel	97	0.25
Zinc	40	1.0

Type: BLANK Lab ID: QC384088

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.15
Nickel	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California LUFT Metals

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	124279
Units:	mg/Kg	Prepared:	04/17/07
Basis:	as received	Analyzed:	04/18/07
Diln Fac:	1.000		

Type: BS Lab ID: QC384089

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	10.83	108	80-120
Chromium	100.0	104.1	104	80-120
Lead	100.0	101.1	101	80-120
Nickel	25.00	25.25	101	80-120
Zinc	25.00	26.13	105	80-120

Type: BSD Lab ID: QC384090

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	10.51	105	80-120	3	20
Chromium	100.0	101.2	101	80-120	3	20
Lead	100.0	101.0	101	80-120	0	20
Nickel	25.00	25.19	101	80-120	0	20
Zinc	25.00	25.43	102	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California LUFT Metals

Lab #:	194211	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A2-E-10'	Batch#:	124279
MSS Lab ID:	194211-001	Sampled:	04/17/07
Matrix:	Soil	Received:	04/17/07
Units:	mg/Kg	Prepared:	04/17/07
Basis:	as received	Analyzed:	04/18/07
Diln Fac:	1.000		

Type: MS Lab ID: QC384091

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	<0.002388	9.615	9.569	100	72-120
Chromium	33.39	96.15	122.4	93	63-122
Lead	5.264	96.15	94.92	93	55-122
Nickel	46.56	24.04	64.98	77	45-139
Zinc	29.53	24.04	48.78	80	49-140

Type: MSD Lab ID: QC384092

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	9.434	9.061	96	72-120	4	20
Chromium	94.34	120.1	92	63-122	1	20
Lead	94.34	91.05	91	55-122	2	26
Nickel	23.58	61.04	61	45-139	6	26
Zinc	23.58	45.88	69	49-140	5	23

RPD= Relative Percent Difference

194330

SECOR CHAIN-OF-CUSTODY RECORD

SECOR

COC # 02620
Page 1 of 2

FIELD OFFICE INFORMATION

OFFICE: 005

Send Report To: Greg Hoehn / Khamly
57 Lafayette Circle
Lafayette, CA

Telephone: 925-299-9300

Fax / E-Mail: kchuop@secor.com

PROJECT INFORMATION

Project No.: 05OT.50238.00 Task:

Project Name: Kaiser-Broadway

Project Manager: Greg Hoehn

Laboratory: C&T

ANALYSES / METHOD REQUEST

REMARKS / PRECAUTIONS

TAT: ☐ Normal ☑ Rush ☐ Other ____ → 24HR

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☐ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other ____

	Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	TEPH-diesel 8015B Silica gel cleanup	TEPH-motor oil 8015B Silica gel cleanup	LUFT Metals 6010B
-1	A3-S-5'	4/24/07	0955	soil	Brass sleeve	—	1	X	X	X
-2	A3-E2-5'		0955					X	X	X
-3	A3-E1-5'		1000					X	X	X
-4	A3-B1		1007					X	X	X
-5	A3-B2		1008					X	X	X
-6	A3-W1		1014					X	X	X
-7	A3-W2		1015					X	X	X
-8	A3-N-5'		1021					X	X	X
-9	A6-B-10'		1030		jar		2			X
-10	A6-N-5'		1035				2			X
-11	A4-N-5'		1045				1	X	X	X

Possible Hazard Identification: ☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Sampled by: Khamly Chuop

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Khamly Chuop	Khamly Chuop	SECOR Int'l Inc.	4/24/07	1528
1b	Received by:	Faith Nichols	C&T	4-24-07	1528
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

194330

SECOR CHAIN-OF-CUSTODY RECORD

SECOR

COC # 03644
Page 2 of 2

FIELD OFFICE INFORMATION

OFFICE: 005

Send Report To: Greg Hoehn / Khamly Chup
57 Lafayette Circle
Lafayette, CA

Telephone: 925-299-9300

Fax / E-Mail: kchup@secor.com

PROJECT INFORMATION

Project No.: 050T.50238.00 Task:

Project Name: Kaiser - Broadway Oakland

Project Manager: Greg Hoehn

Laboratory: C & T

Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	ANALYSES / METHOD REQUEST: 8015B TEPH-diesel silica gel cleanup	8015B TEPH-motor oil silica gel cleanup	LUFT Metals (5) (6010B)	REMARKS / PRECAUTIONS
-12 A4-E-5'	4/24/07	1048	soil	jar	—	2	X	X	X	
-13 A4-S-5'	"	1052	"	"	"	"	X	X	X	
-14 A4-W-5'	"	1053	"	"	"	"	X	X	X	

TAT: ☐ Normal ☒ Rush ☐ Other _____ — 24-HR

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☐ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other _____

Possible Hazard Identification
☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sampled by: Khamly Chup

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Khamly Chup	Khamly Chup	SECOR Intl Inc.	4/24/07	1528
1b	Received by: Faith Nichols	Faith Nichols	C&T	4-24-07	1528
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

***Matrix Key:** AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

****Container:** A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/24/07
Batch#:	124491		

Field ID:	A3-S-5'	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	04/25/07
Lab ID:	194330-001	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	28 H Y	0.99
Motor Oil C24-C36	130 H L	5.0

Surrogate	%REC	Limits
Hexacosane	89	40-127

Field ID:	A3-E2-5'	Diln Fac:	3.000
Type:	SAMPLE	Analyzed:	04/25/07
Lab ID:	194330-002	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	130 H Y	3.0
Motor Oil C24-C36	630 H L	15

Surrogate	%REC	Limits
Hexacosane	92	40-127

Field ID:	A3-E1-5'	Diln Fac:	3.000
Type:	SAMPLE	Analyzed:	04/25/07
Lab ID:	194330-003	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	130 H Y	3.0
Motor Oil C24-C36	630 H L	15

Surrogate	%REC	Limits
Hexacosane	78	40-127

Field ID:	A3-B1	Diln Fac:	2.000
Type:	SAMPLE	Analyzed:	04/25/07
Lab ID:	194330-004	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	70 H Y	2.0
Motor Oil C24-C36	350 H L	10

Surrogate	%REC	Limits
Hexacosane	95	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/24/07
Batch#:	124491		

Field ID: A3-B2
Type: SAMPLE
Lab ID: 194330-005
Diln Fac: 2.000
Analyzed: 04/25/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	43 H Y	2.0
Motor Oil C24-C36	250 H L	9.9

Surrogate	%REC	Limits
Hexacosane	77	40-127

Field ID: A3-W1
Type: SAMPLE
Lab ID: 194330-006
Diln Fac: 3.000
Analyzed: 04/25/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	670 H Y	6.0
Motor Oil C24-C36	2,900 H L	30

Surrogate	%REC	Limits
Hexacosane	77	40-127

Field ID: A3-W2
Type: SAMPLE
Lab ID: 194330-007
Diln Fac: 3.000
Analyzed: 04/24/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	110 H Y	3.0
Motor Oil C24-C36	550 H L	15

Surrogate	%REC	Limits
Hexacosane	86	40-127

Field ID: A3-N-5'
Type: SAMPLE
Lab ID: 194330-008
Diln Fac: 1.000
Analyzed: 04/24/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	34 H Y	1.0
Motor Oil C24-C36	190 H L	5.0

Surrogate	%REC	Limits
Hexacosane	97	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/24/07
Batch#:	124491		

Field ID: A4-N-5'
Type: SAMPLE
Lab ID: 194330-011
Diln Fac: 1.000
Analyzed: 04/24/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	13 H Y	0.99
Motor Oil C24-C36	63 H L	5.0

Surrogate	%REC	Limits
Hexacosane	99	40-127

Field ID: A4-E-5'
Type: SAMPLE
Lab ID: 194330-012
Diln Fac: 1.000
Analyzed: 04/24/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	79	40-127

Field ID: A4-S-5'
Type: SAMPLE
Lab ID: 194330-013
Diln Fac: 1.000
Analyzed: 04/24/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	7.9	5.0

Surrogate	%REC	Limits
Hexacosane	93	40-127

Field ID: A4-W-5'
Type: SAMPLE
Lab ID: 194330-014
Diln Fac: 1.000
Analyzed: 04/24/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	4.2 H Y	0.99
Motor Oil C24-C36	14 L	5.0

Surrogate	%REC	Limits
Hexacosane	83	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Total Extractable Hydrocarbons

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/24/07
Batch#:	124491		

Type:	BLANK	Analyzed:	04/24/07
Lab ID:	QC384951	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	87	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC384952	Batch#:	124491
Matrix:	Soil	Prepared:	04/24/07
Units:	mg/Kg	Analyzed:	04/24/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.95	44.67	89	58-127

Surrogate	%REC	Limits
Hexacosane	88	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A4-W-5'	Batch#:	124491
MSS Lab ID:	194330-014	Sampled:	04/24/07
Matrix:	Soil	Received:	04/24/07
Units:	mg/Kg	Prepared:	04/24/07
Basis:	as received	Analyzed:	04/24/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC384953

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	4.172	49.88	55.29	102	29-147

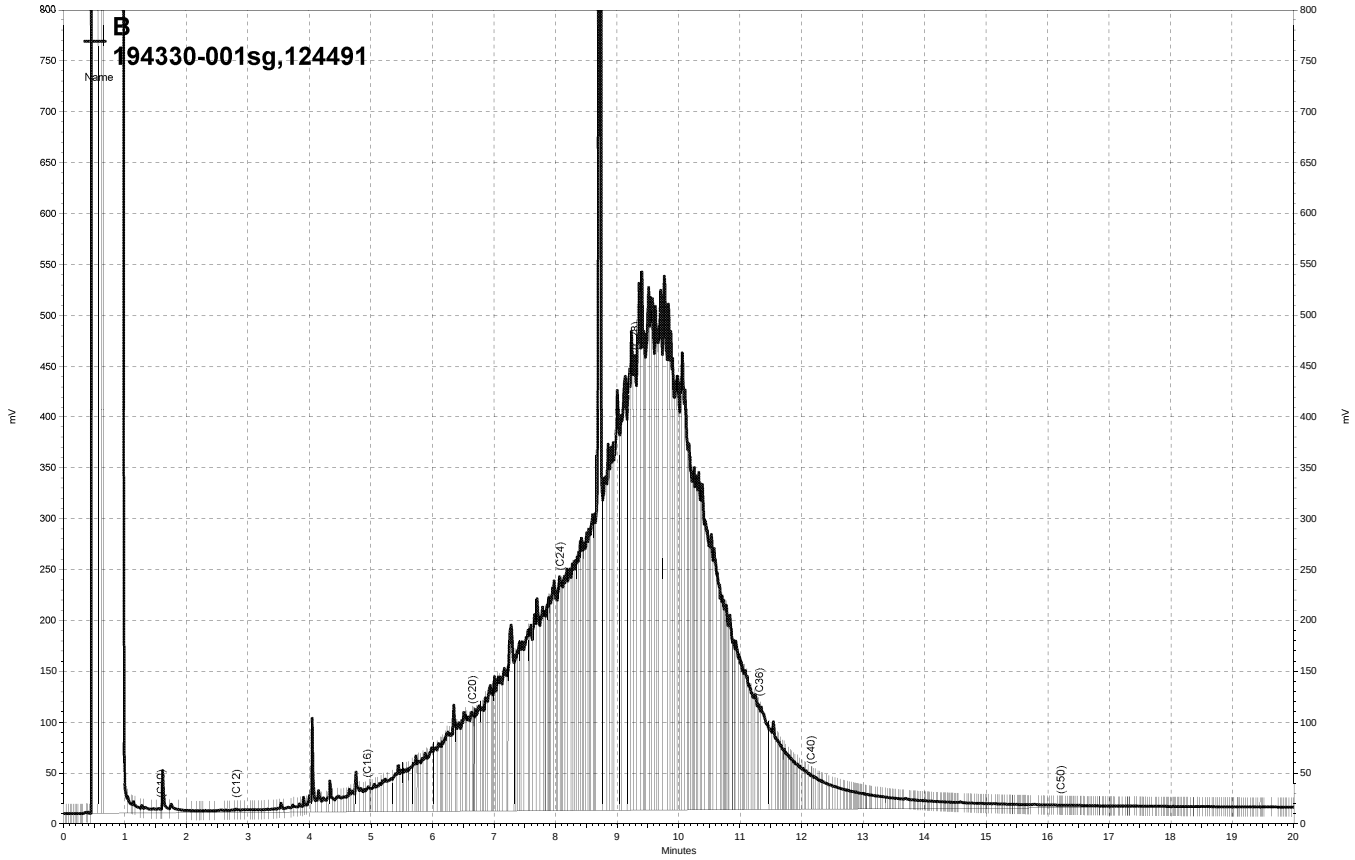
Surrogate	%REC	Limits
Hexacosane	84	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC384954

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.74	50.01	92	29-147	10	46

Surrogate	%REC	Limits
Hexacosane	84	40-127

RPD= Relative Percent Difference



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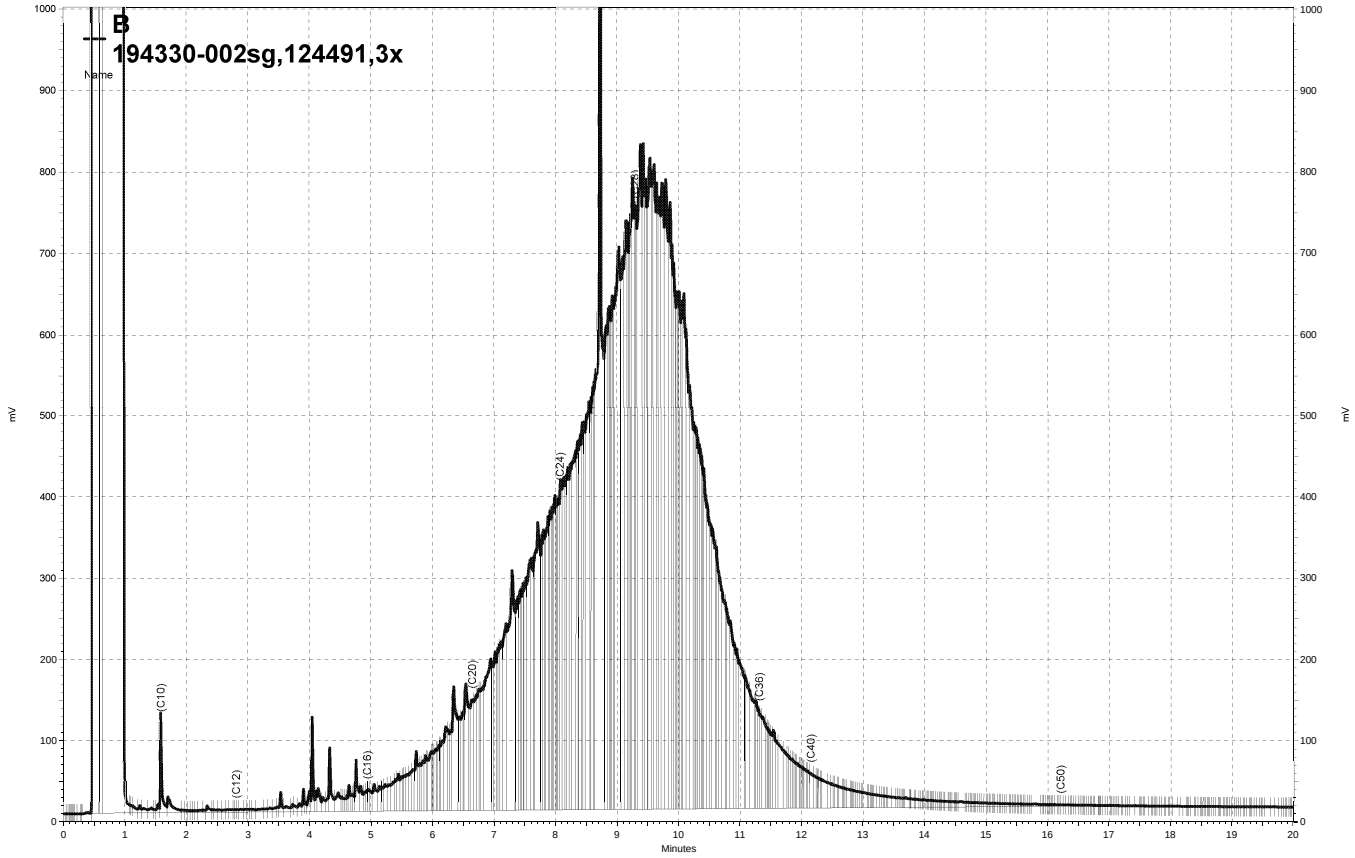

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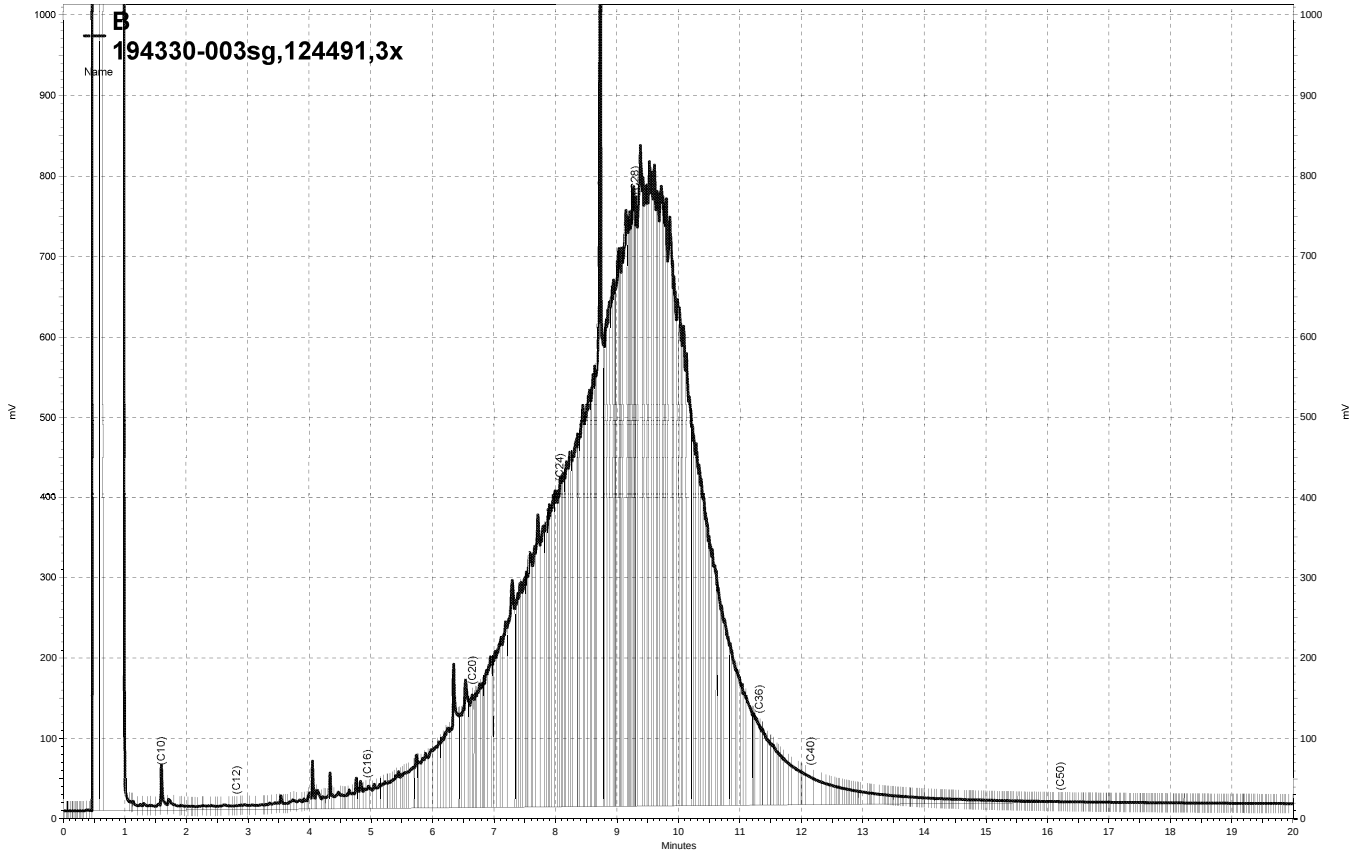

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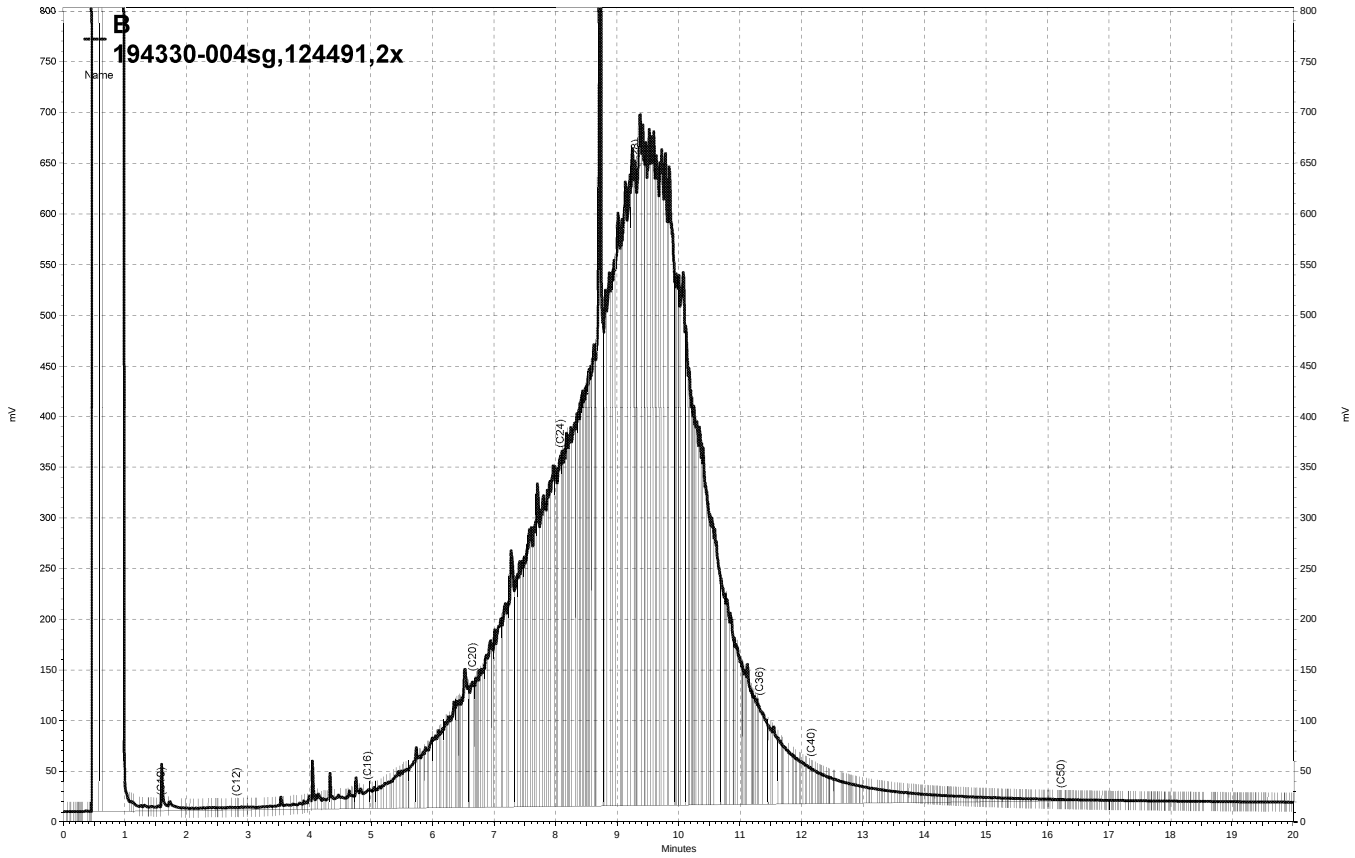

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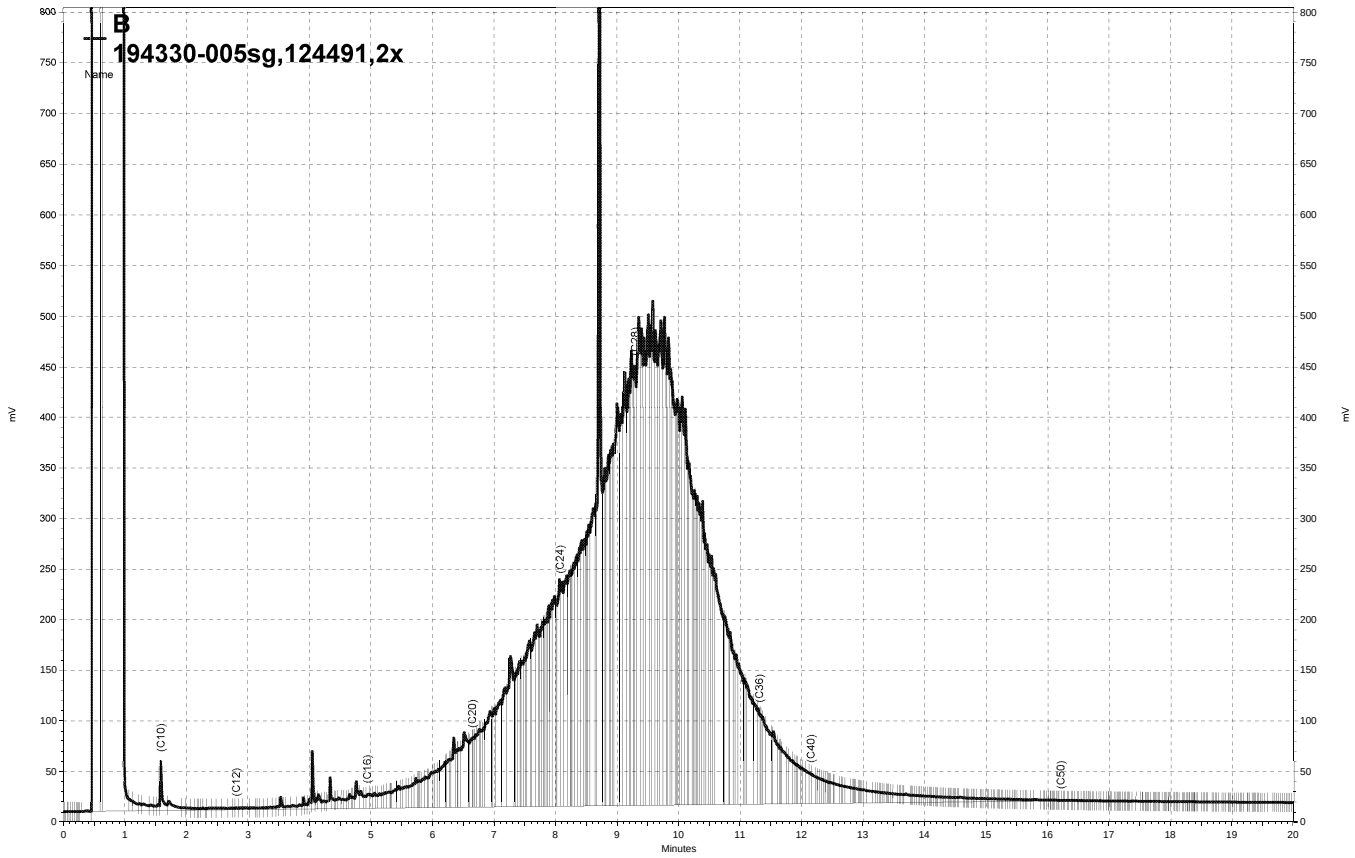

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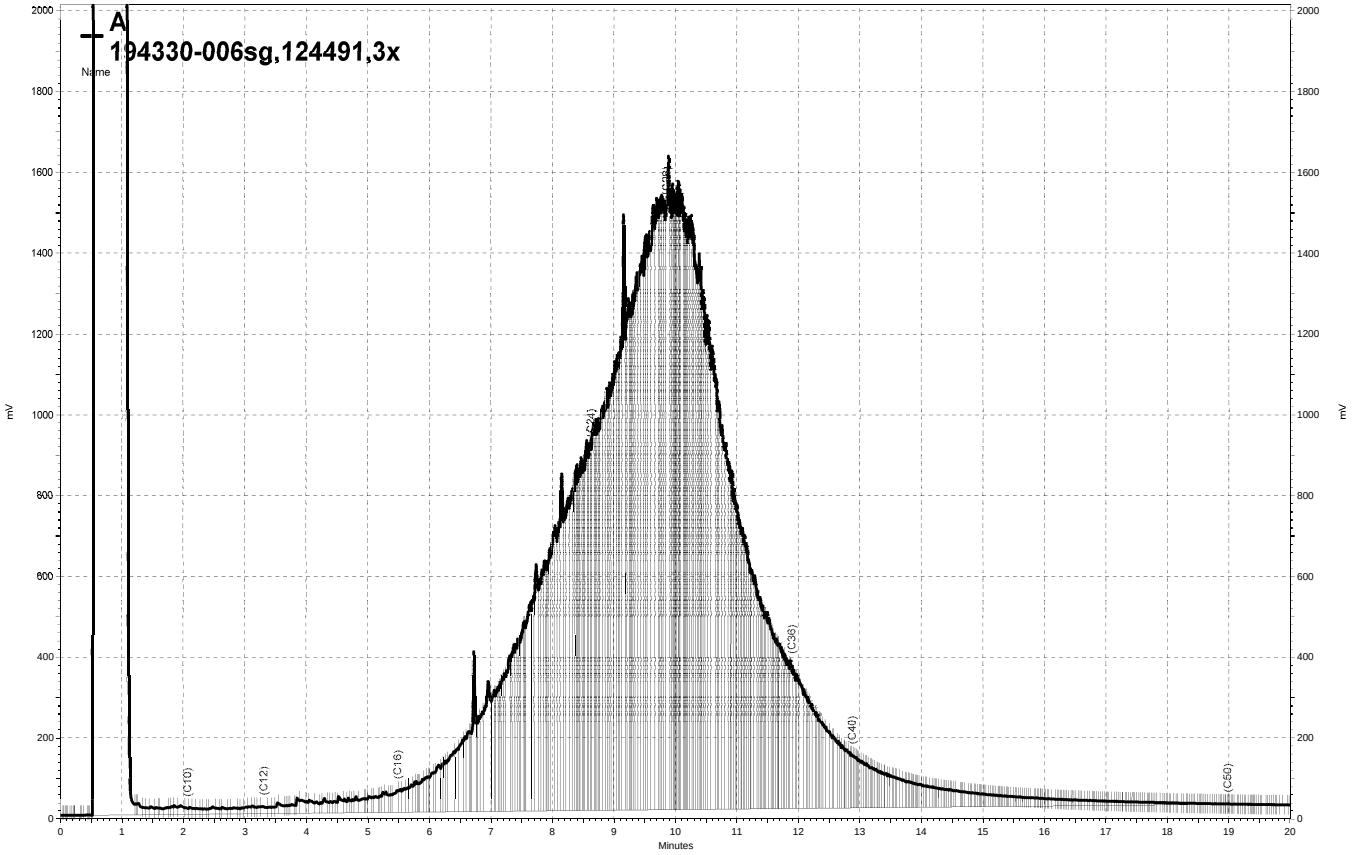

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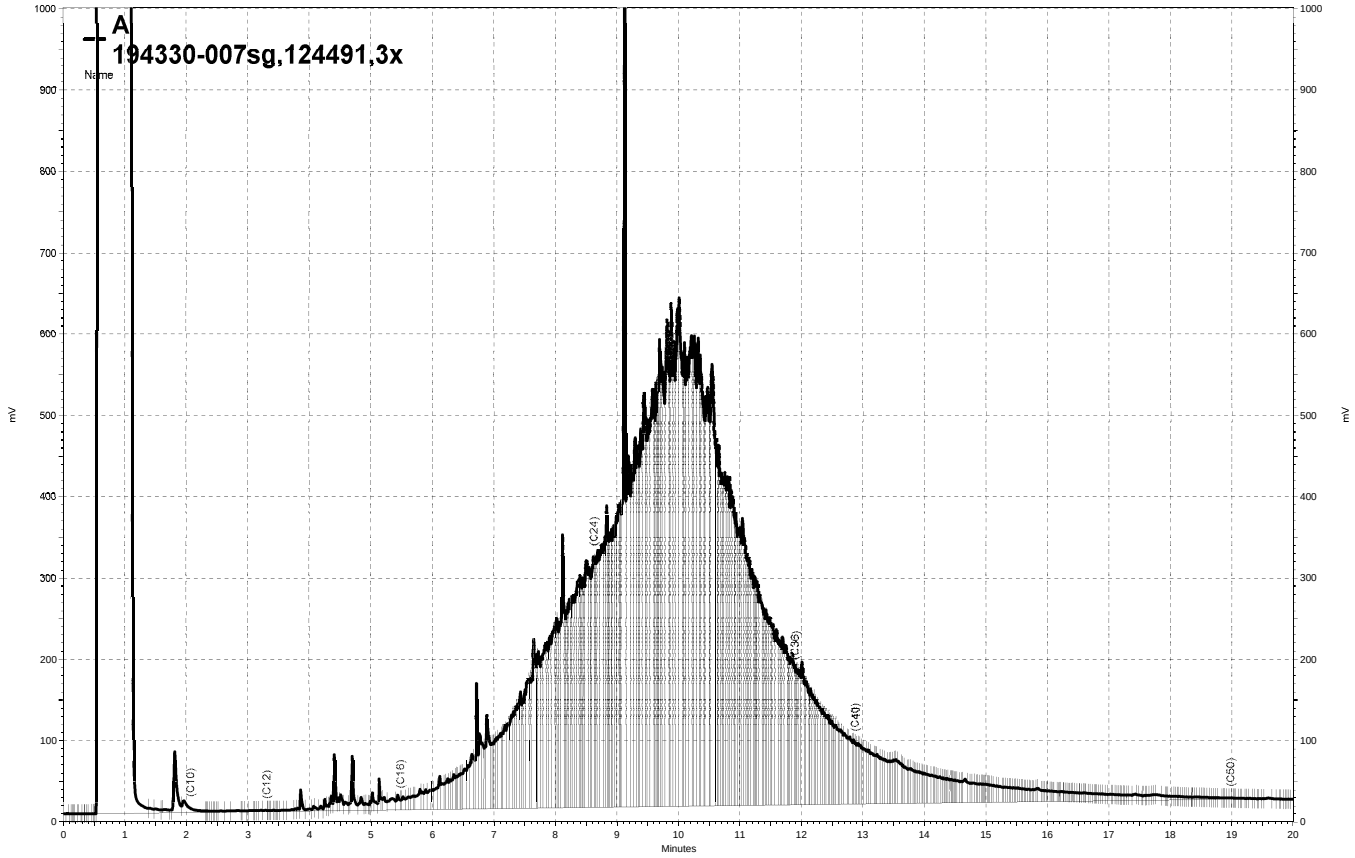

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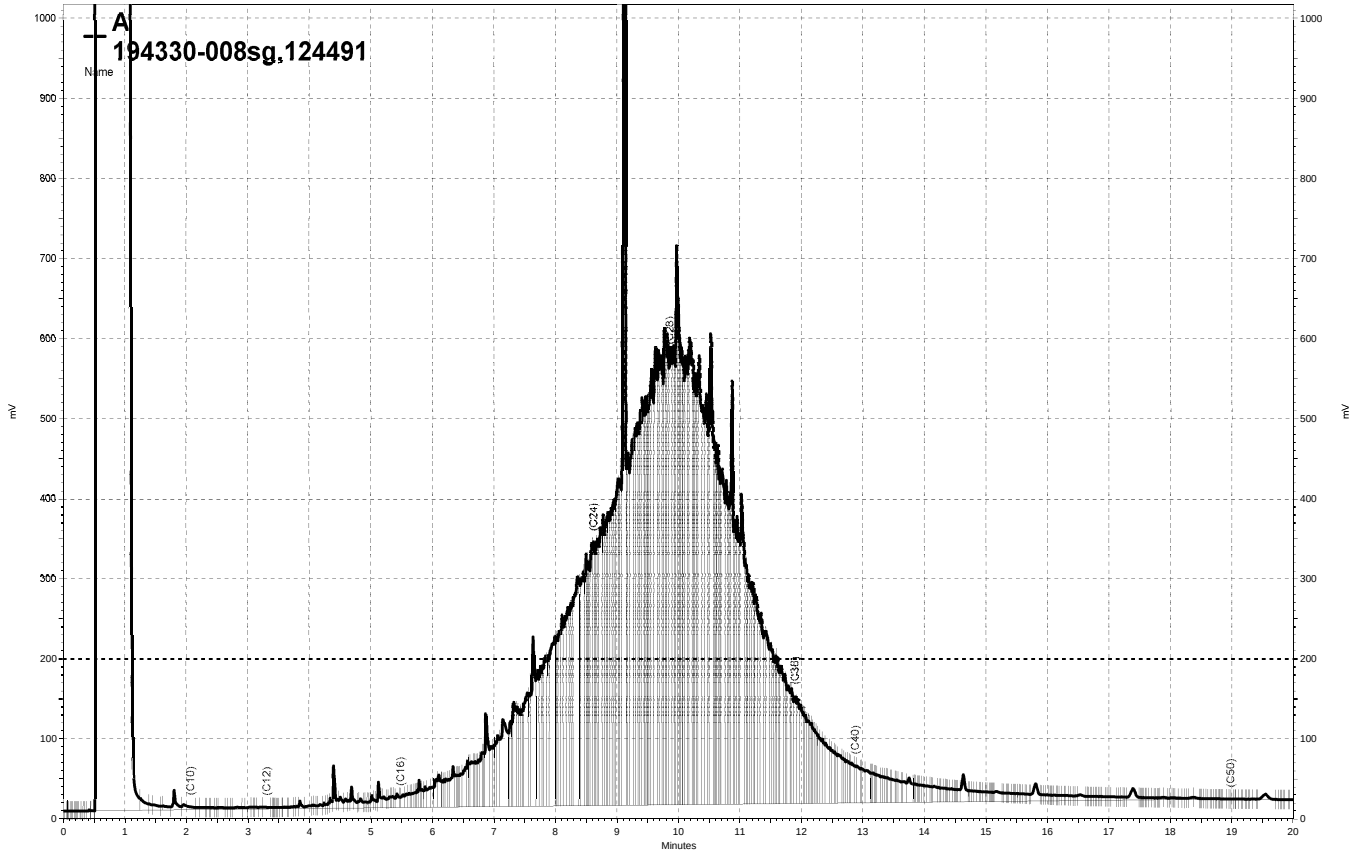

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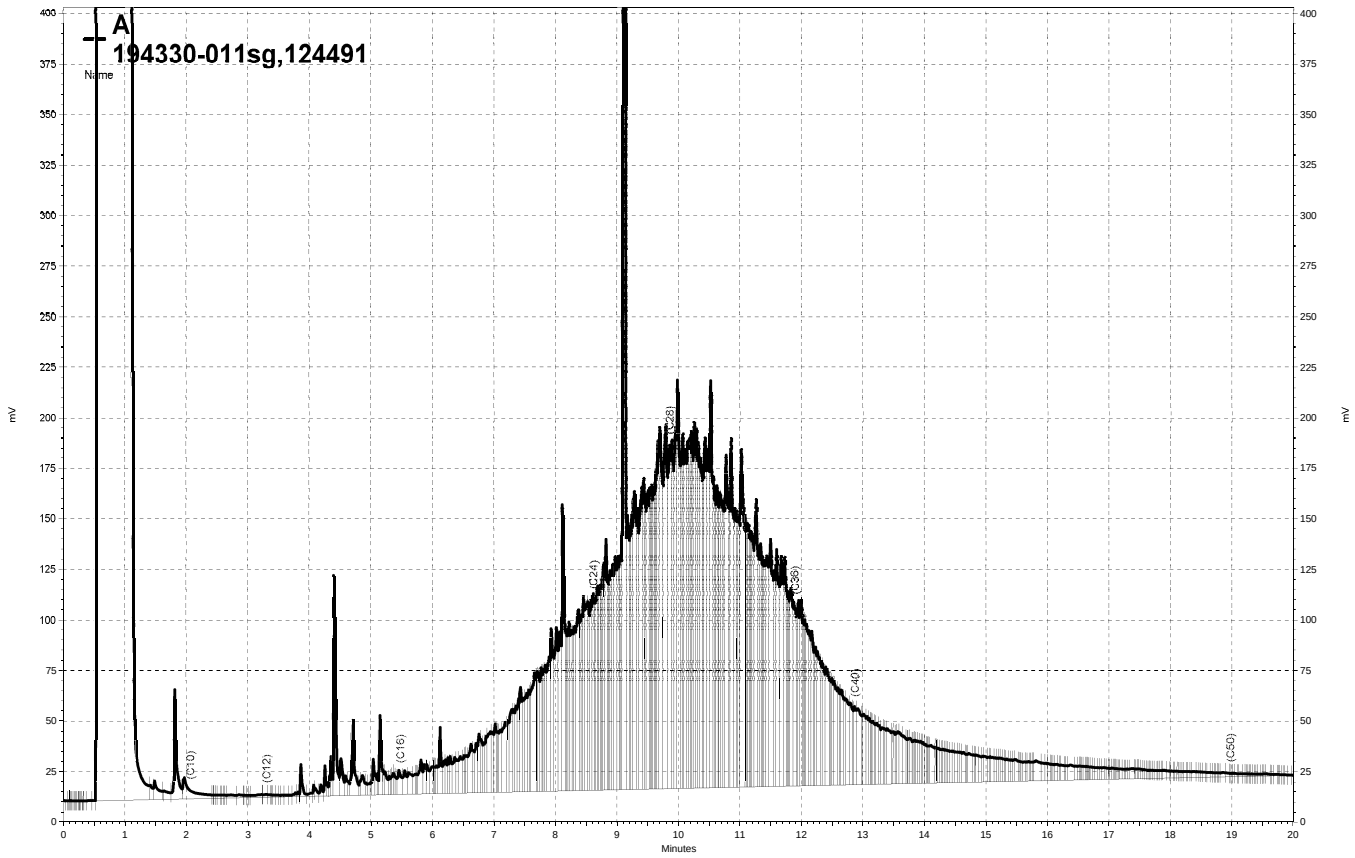

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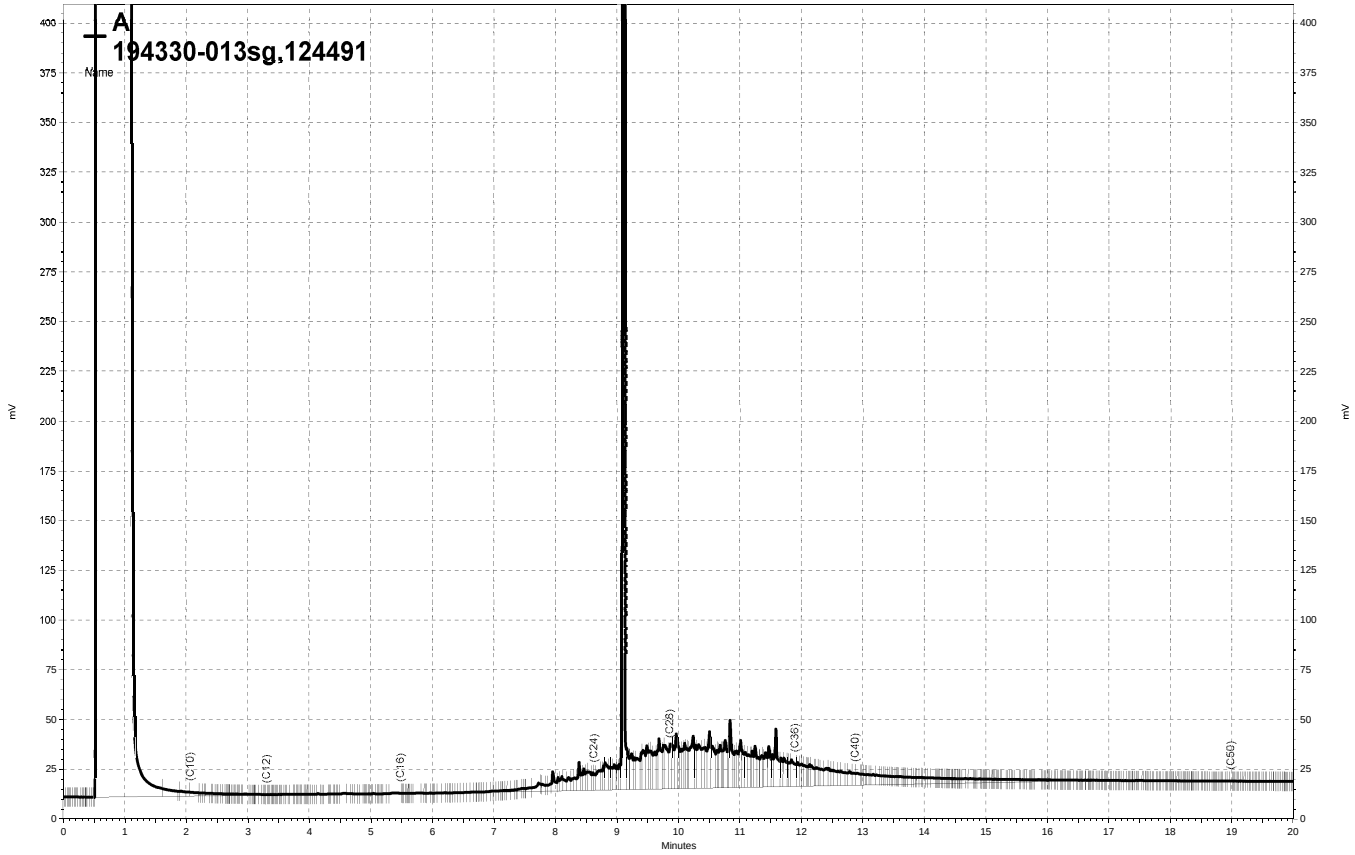

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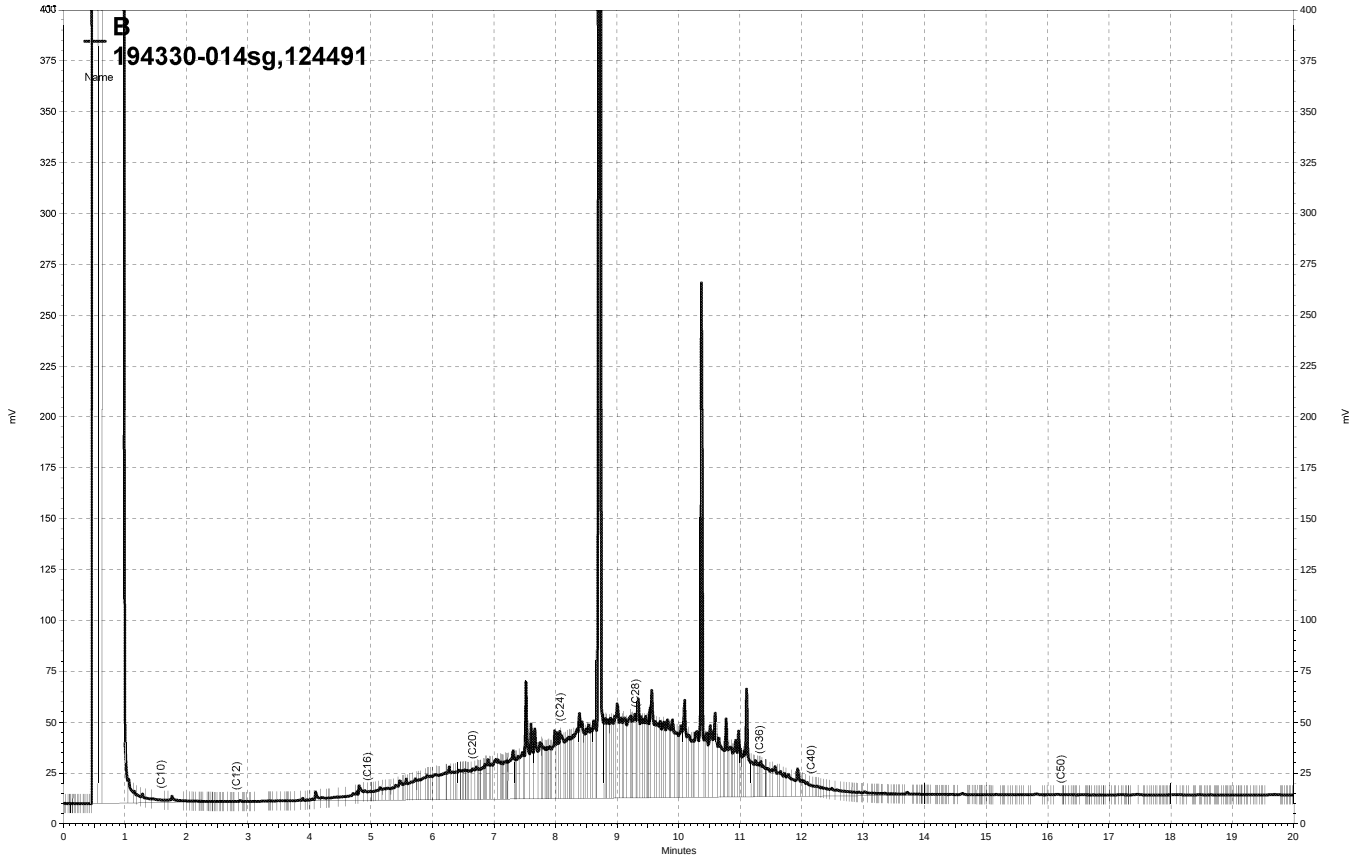

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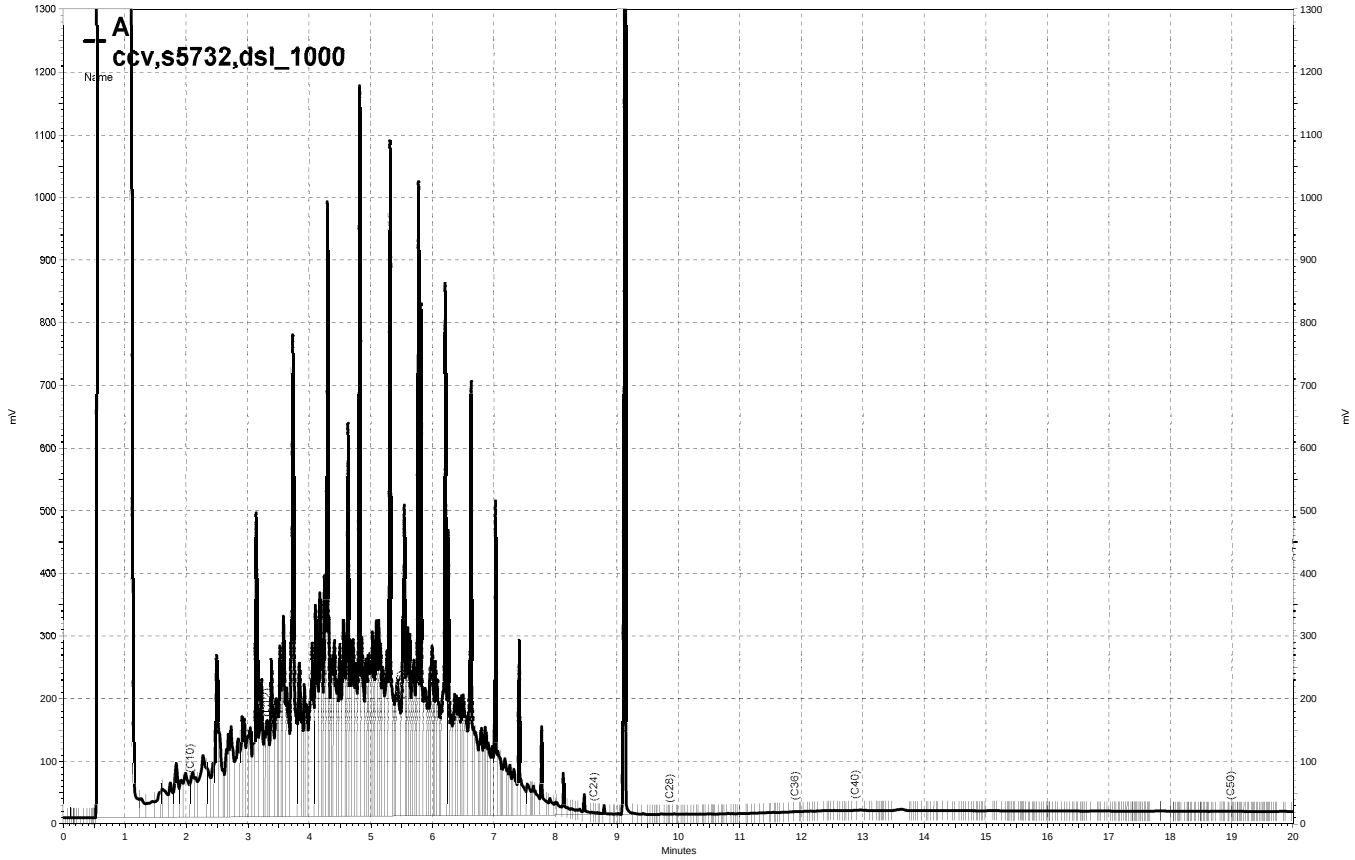

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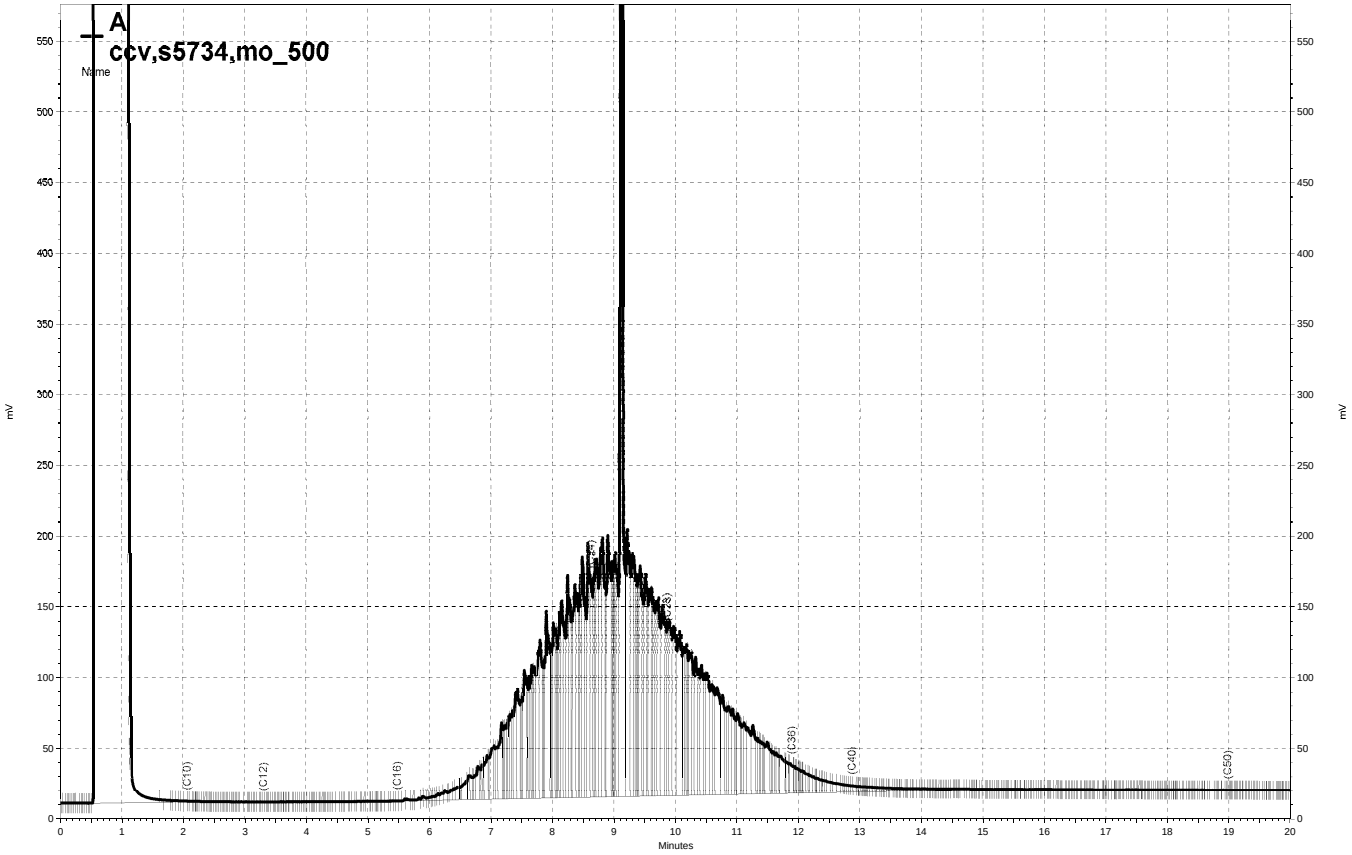

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California LUFT Metals

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/25/07
Batch#:	124511	Analyzed:	04/25/07

Field ID: A3-S-5' Lab ID: 194330-001
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	28	0.25
Lead	95	0.15
Nickel	34	0.25
Zinc	84	1.0

Field ID: A3-E2-5' Lab ID: 194330-002
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	0.43	0.25
Chromium	28	0.25
Lead	130	0.15
Nickel	36	0.25
Zinc	100	1.0

Field ID: A3-E1-5' Lab ID: 194330-003
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	1.6	0.25
Chromium	48	0.25
Lead	260	0.15
Nickel	76	0.25
Zinc	200	1.0

Field ID: A3-B1 Lab ID: 194330-004
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	59	0.25
Lead	62	0.15
Nickel	62	0.25
Zinc	91	1.0

ND= Not Detected
RL= Reporting Limit

California LUFT Metals

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/25/07
Batch#:	124511	Analyzed:	04/25/07

Field ID: A3-B2 Lab ID: 194330-005
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	54	0.25
Lead	65	0.15
Nickel	55	0.25
Zinc	48	1.0

Field ID: A3-W1 Lab ID: 194330-006
Type: SAMPLE

Analyte	Result	RL	Diln Fac
Cadmium	4.0	0.25	1.000
Chromium	41	0.25	1.000
Lead	770	0.66	5.000
Nickel	41	0.25	1.000
Zinc	400	1.0	1.000

Field ID: A3-W2 Lab ID: 194330-007
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	0.64	0.25
Chromium	32	0.25
Lead	200	0.15
Nickel	39	0.25
Zinc	140	1.0

Field ID: A3-N-5' Lab ID: 194330-008
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	61	0.25
Lead	52	0.15
Nickel	79	0.25
Zinc	72	1.0

ND= Not Detected
RL= Reporting Limit

California LUFT Metals

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/25/07
Batch#:	124511	Analyzed:	04/25/07

Field ID: A6-B-10' Lab ID: 194330-009
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	42	0.25
Lead	4.7	0.15
Nickel	53	0.25
Zinc	18	1.0

Field ID: A6-N-5' Lab ID: 194330-010
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	41	0.25
Lead	24	0.15
Nickel	84	0.25
Zinc	66	1.0

Field ID: A4-N-5' Lab ID: 194330-011
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	0.40	0.25
Chromium	75	0.25
Lead	41	0.15
Nickel	88	0.25
Zinc	70	1.0

Field ID: A4-E-5' Lab ID: 194330-012
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	65	0.25
Lead	5.3	0.15
Nickel	140	0.25
Zinc	34	1.0

ND= Not Detected
RL= Reporting Limit

California LUFT Metals

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	04/24/07
Units:	mg/Kg	Received:	04/24/07
Basis:	as received	Prepared:	04/25/07
Batch#:	124511	Analyzed:	04/25/07

Field ID: A4-S-5' Lab ID: 194330-013
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	72	0.25
Lead	9.5	0.15
Nickel	68	0.25
Zinc	32	1.0

Field ID: A4-W-5' Lab ID: 194330-014
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	57	0.25
Lead	12	0.15
Nickel	110	0.25
Zinc	37	1.0

Type: BLANK Diln Fac: 1.000
Lab ID: QC385015

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.15
Nickel	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California LUFT Metals

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	124511
Units:	mg/Kg	Prepared:	04/25/07
Basis:	as received	Analyzed:	04/25/07
Diln Fac:	1.000		

Type: BS Lab ID: QC385016

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	10.41	104	80-120
Chromium	100.0	100.7	101	80-120
Lead	100.0	99.66	100	80-120
Nickel	25.00	25.01	100	80-120
Zinc	25.00	25.43	102	80-120

Type: BSD Lab ID: QC385017

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	9.915	99	80-120	5	20
Chromium	100.0	97.31	97	80-120	3	20
Lead	100.0	96.63	97	80-120	3	20
Nickel	25.00	24.38	98	80-120	3	20
Zinc	25.00	24.60	98	80-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California LUFT Metals

Lab #:	194330	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A3-S-5'	Batch#:	124511
MSS Lab ID:	194330-001	Sampled:	04/24/07
Matrix:	Soil	Received:	04/24/07
Units:	mg/Kg	Prepared:	04/25/07
Basis:	as received	Analyzed:	04/25/07
Diln Fac:	1.000		

Type: MS Lab ID: QC385018

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.1009	9.434	8.668	91	72-120
Chromium	28.21	94.34	111.3	88	63-122
Lead	94.74	94.34	204.5	116	55-122
Nickel	33.78	23.58	51.46	75	45-139
Zinc	84.35	23.58	80.13	-18 *	49-140

Type: MSD Lab ID: QC385019

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	9.320	92	72-120	1	20
Chromium	100.0	124.0	96	63-122	6	20
Lead	100.0	167.3	73	55-122	23	26
Nickel	25.00	61.80	112	45-139	16	26
Zinc	25.00	86.84	10 *	49-140	7	23

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

194370

SECOR CHAIN-OF-CUSTODY RECORD

COC # 02628
Page 1 of 1

FIELD OFFICE INFORMATION	PROJECT INFORMATION
OFFICE: 005	Project No.: Task:
Send Report To: Greg, Khamly 57 Lafayette Circle Lafayette, CA	Project Name: Kaiser-Broadway Oakland
	Project Manager: Greg Hahn
Telephone: 925-299-9300	Laboratory:
Fax / E-Mail: kchuop@secor.com	C&T

Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	ANALYSES / METHOD REQUEST: TPH-diesel soil 8015B	TPH-Silica gel cleanup 8015B	TPH-hydraulic fluid Silica gel cleanup 8015B	REMARKS / PRECAUTIONS
-1 A5-N1-8'	4/25/07	0856	soil	jar	—	2	X	X		
-2 A5-W-8'	↓	0909	↓	↓	↓	↓	X	X		
~~A5-BW-8'~~		0913					X	X		
-3 A5-N2-8'	4/25/07	1129	soil	jar	—	2	X	X		
-4 A5-S2-10'	4/25/07	1304	soil	jar	—	2	X	X		
-5 A5-E-10'	4/25/07	1409	soil	jar	—	2	X	X		
-6 A5-S3-10'	4/25/07	1425	↓	↓	↓	↓	X	X		
-7 A5-S4-10'	4/25/07	1430	↓	↓	↓	↓	X	X		

TAT: [X] Normal [ ] Rush [ ] Other _____

REPORTING REQUIREMENTS: [ ] MB & SURGS [ ] Dup/MS/MSD [ ] Raw Data [ ] CLP Rpt [ ] EDD [ ] Other _____

24-HR

Possible Hazard Identification
[ ] Non-Hazardous [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal
[ ] Return to Client [ ] Disposal by Lab [ ] Archive for _____ Months

Sampled by: Khamly Chuop

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Khamly Chuop	Khamly Chuop	SECOR Int'l Inc.	4/25/07	1449
1b	Received by: Anne Kathain	A. KATHAIN	C&T	4/25/07	1450
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

Sample Cold & Intact

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194370	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/25/07
Units:	mg/Kg	Received:	04/25/07
Basis:	as received	Prepared:	04/25/07
Batch#:	124546		

Field ID: A5-NI-8'
Type: SAMPLE
Lab ID: 194370-001
Diln Fac: 1.000
Analyzed: 04/25/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	101	40-127

Field ID: A5-W-8'
Type: SAMPLE
Lab ID: 194370-002
Diln Fac: 1.000
Analyzed: 04/25/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	82	40-127

Field ID: A5-N2-8'
Type: SAMPLE
Lab ID: 194370-003
Diln Fac: 1.000
Analyzed: 04/25/07
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	120 H Y	1.0
Motor Oil C24-C36	420	5.0
Hydraulic Fluid, C12-40	440	5.0

Surrogate	%REC	Limits
Hexacosane	89	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194370	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/25/07
Units:	mg/Kg	Received:	04/25/07
Basis:	as received	Prepared:	04/25/07
Batch#:	124546		

Field ID:	A5-S2-10'	Diln Fac:	5.000
Type:	SAMPLE	Analyzed:	04/26/07
Lab ID:	194370-004	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1,300 H Y	5.0
Motor Oil C24-C36	1,300 L	25
Hydraulic Fluid, C12-40	2,500 L	25

Surrogate	%REC	Limits
Hexacosane	122	40-127

Field ID:	A5-E-10'	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	04/25/07
Lab ID:	194370-005	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	116	40-127

Field ID:	A5-S3-10'	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	04/26/07
Lab ID:	194370-006	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	3.7 H Y	1.0
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	7.2 L Y	5.0

Surrogate	%REC	Limits
Hexacosane	76	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194370	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/25/07
Units:	mg/Kg	Received:	04/25/07
Basis:	as received	Prepared:	04/25/07
Batch#:	124546		

Field ID:	A5-S4-10'	Diln Fac:	5.000
Type:	SAMPLE	Analyzed:	04/26/07
Lab ID:	194370-007	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1,000 H Y	5.0
Motor Oil C24-C36	1,400 L	25
Hydraulic Fluid, C12-40	2,200 L	25

Surrogate	%REC	Limits
Hexacosane	98	40-127

Type:	BLANK	Analyzed:	04/25/07
Lab ID:	QC385162	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	110	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194370	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC385163	Batch#:	124546
Matrix:	Soil	Prepared:	04/25/07
Units:	mg/Kg	Analyzed:	04/25/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.97	56.96	114	58-127

Surrogate	%REC	Limits
Hexacosane	113	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194370	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3550B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A5-NI-8'	Batch#:	124546
MSS Lab ID:	194370-001	Sampled:	04/25/07
Matrix:	Soil	Received:	04/25/07
Units:	mg/Kg	Prepared:	04/25/07
Basis:	as received	Analyzed:	04/25/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC385164

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	0.3054	49.99	50.00	99	29-147

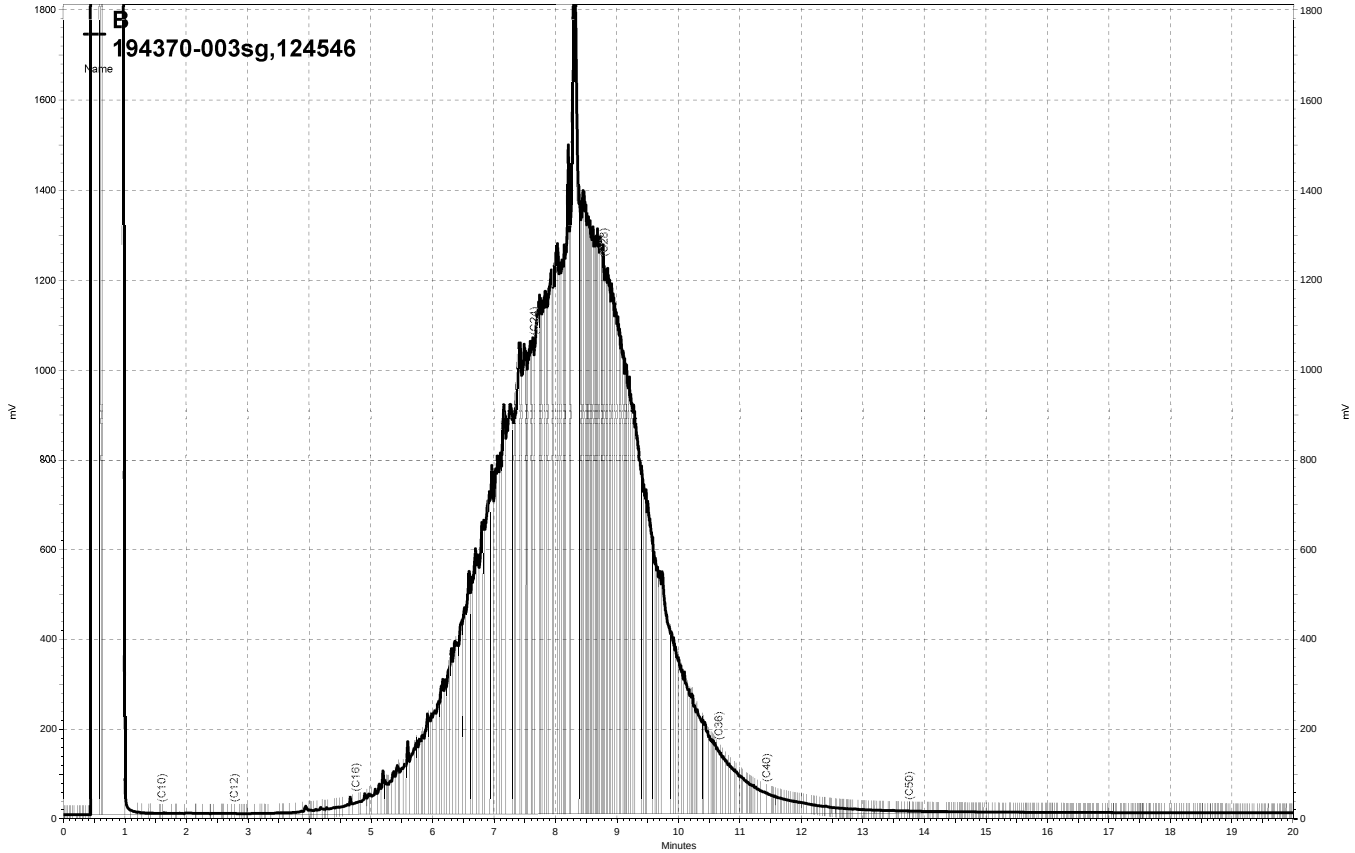
Surrogate	%REC	Limits
Hexacosane	103	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC385165

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.79	47.92	96	29-147	4	46

Surrogate	%REC	Limits
Hexacosane	98	40-127

RPD= Relative Percent Difference



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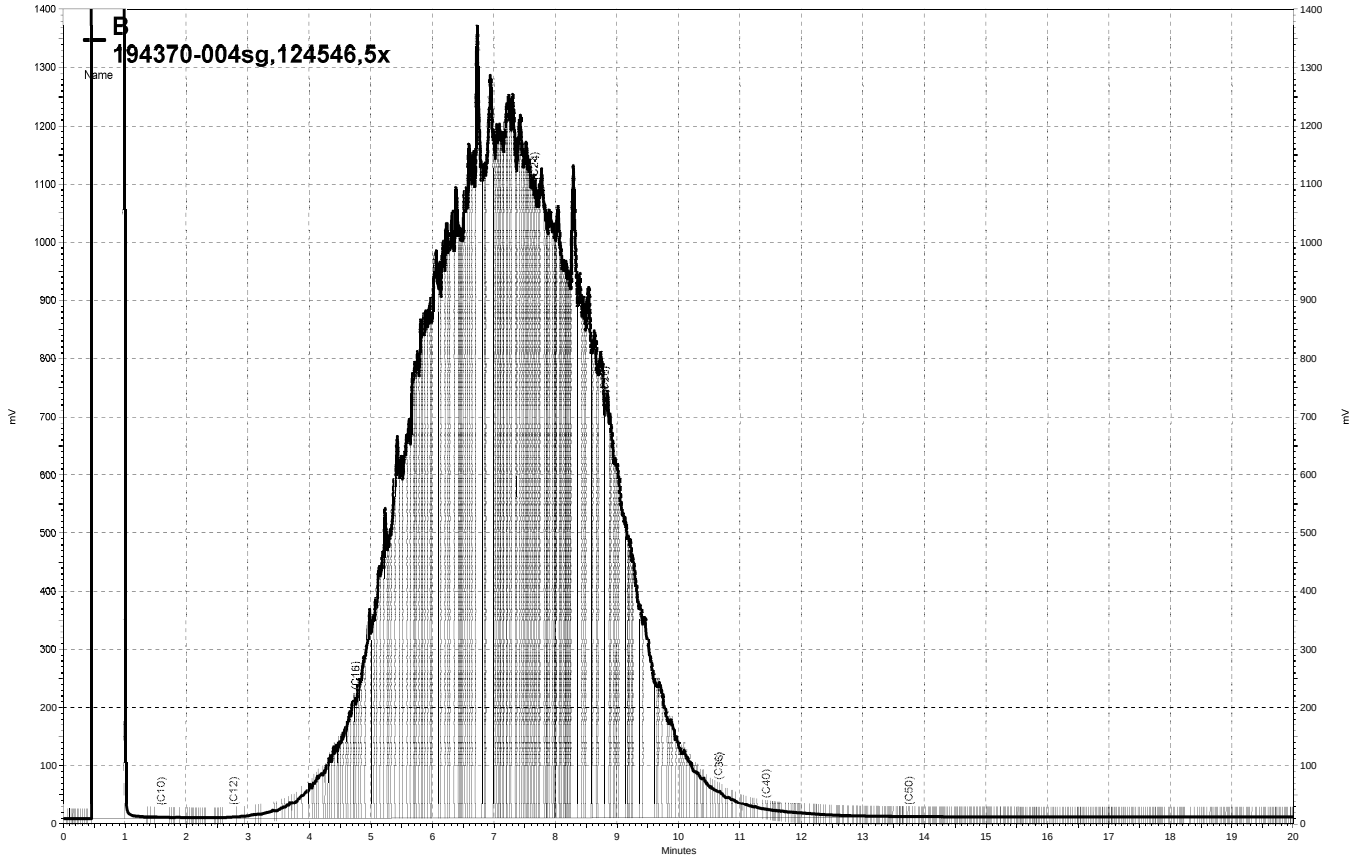

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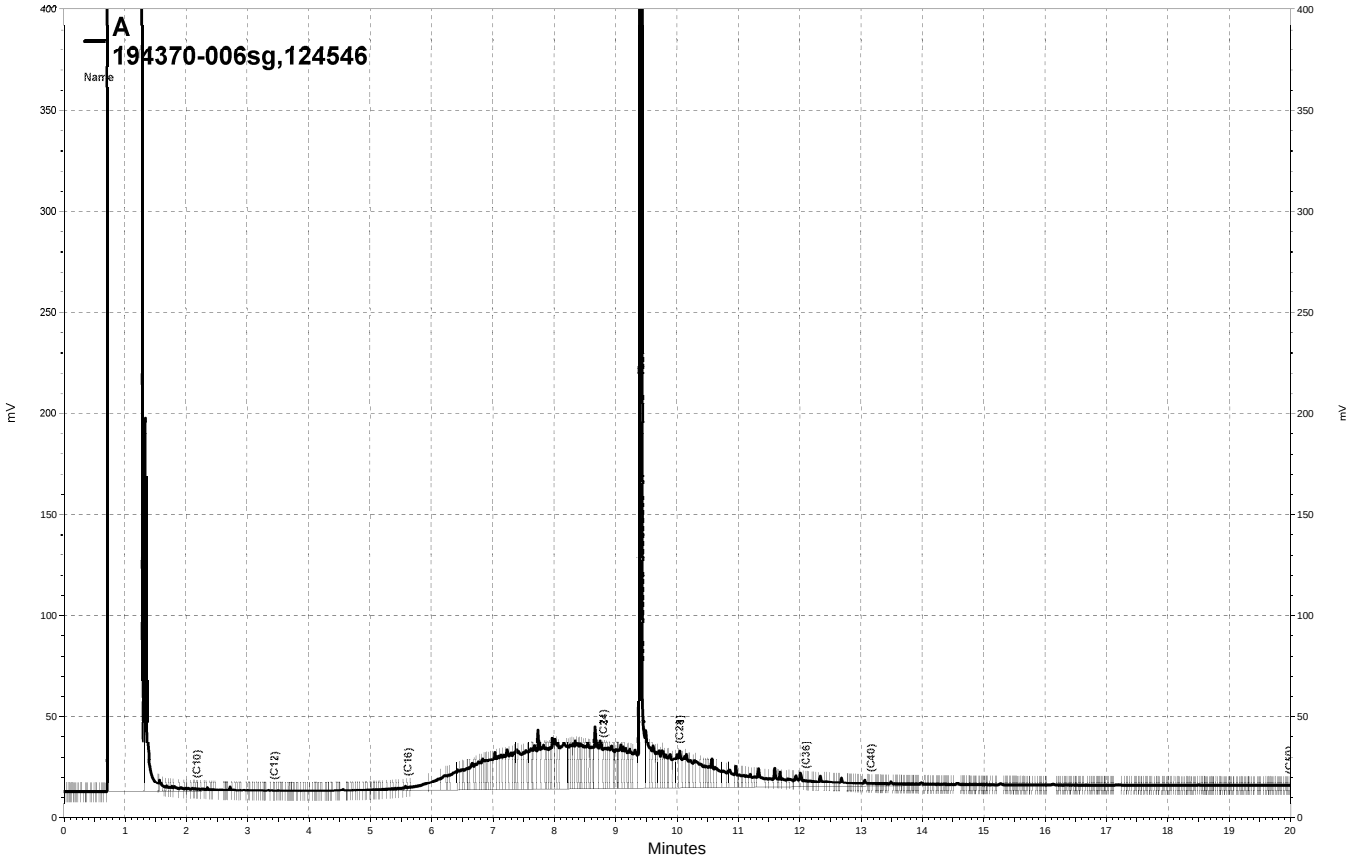

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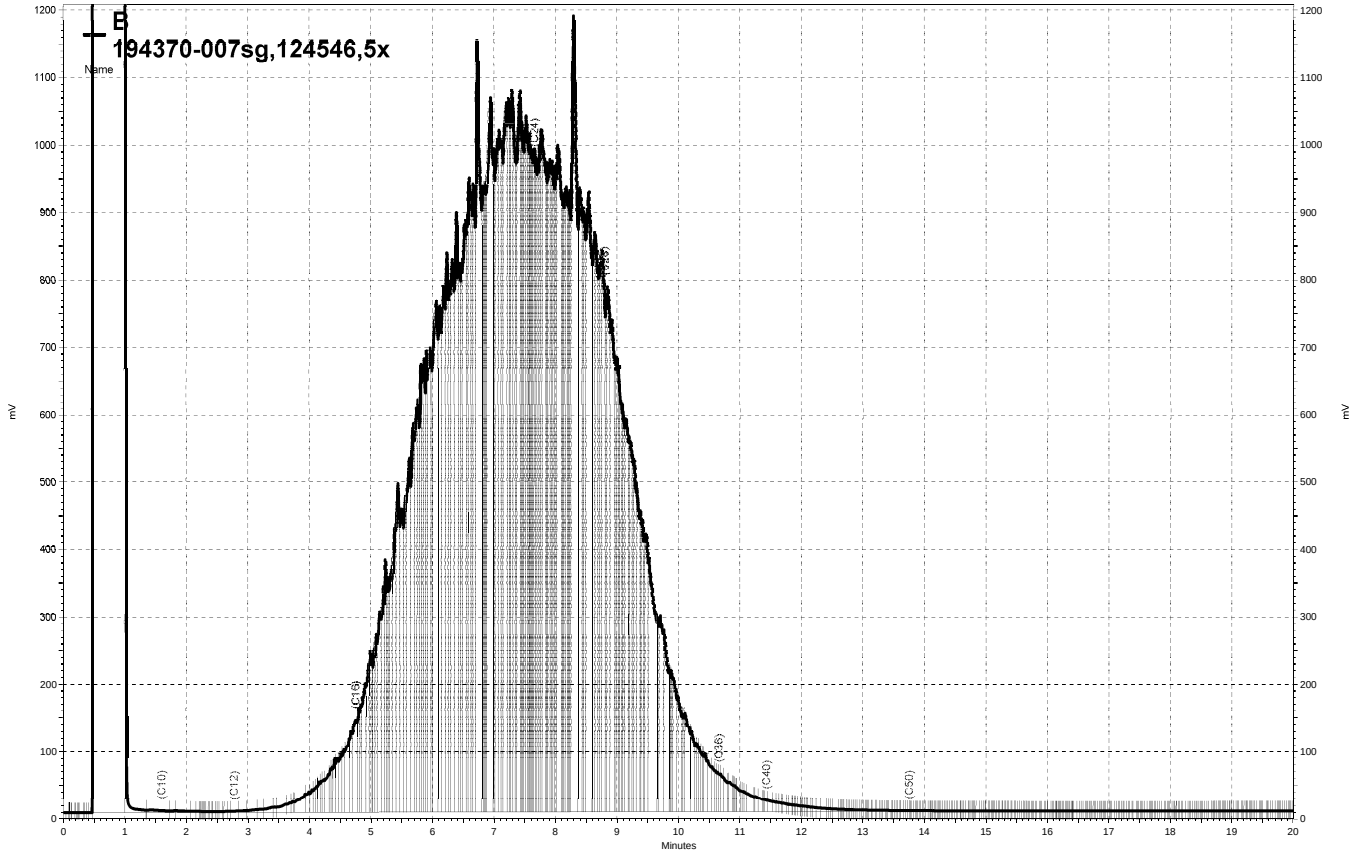

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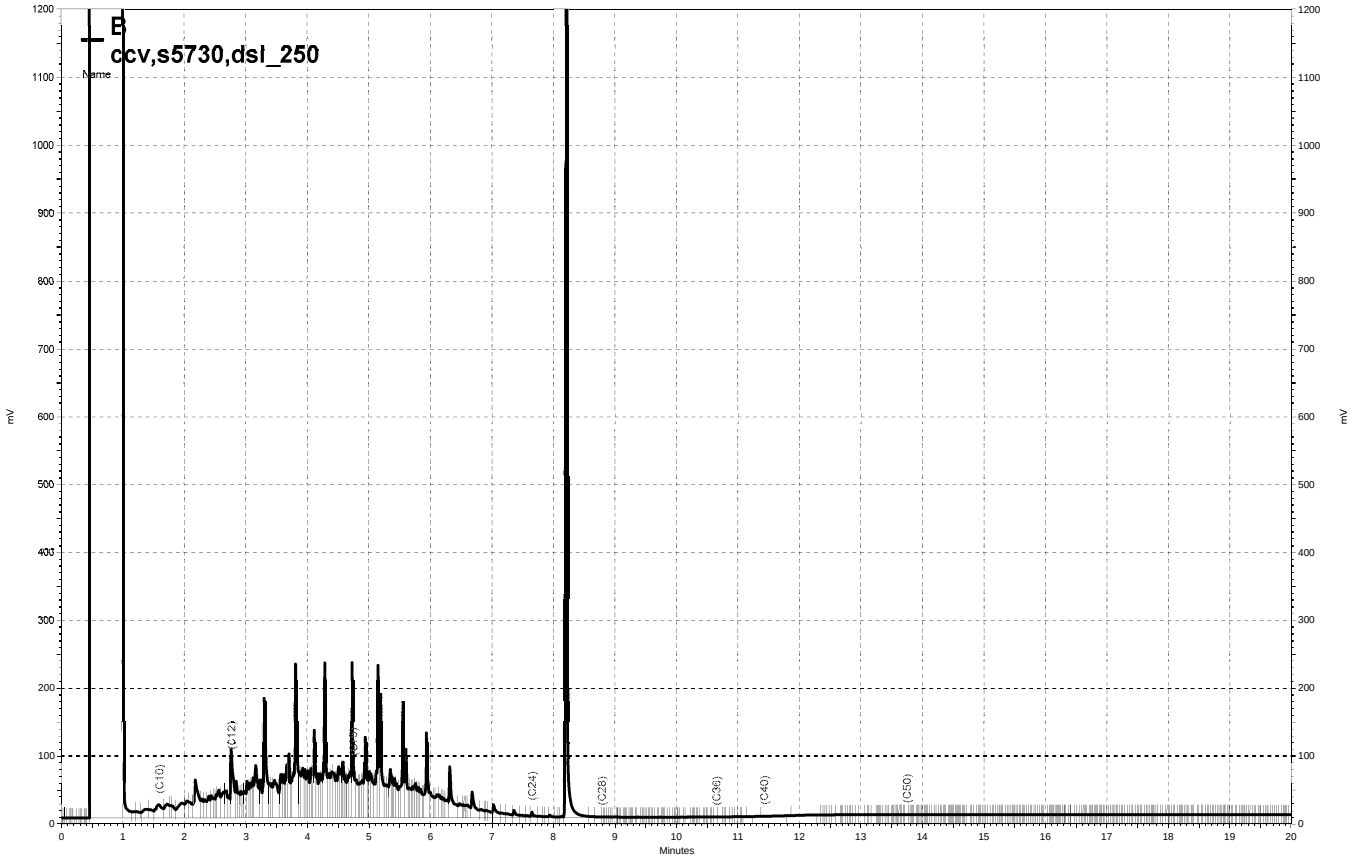

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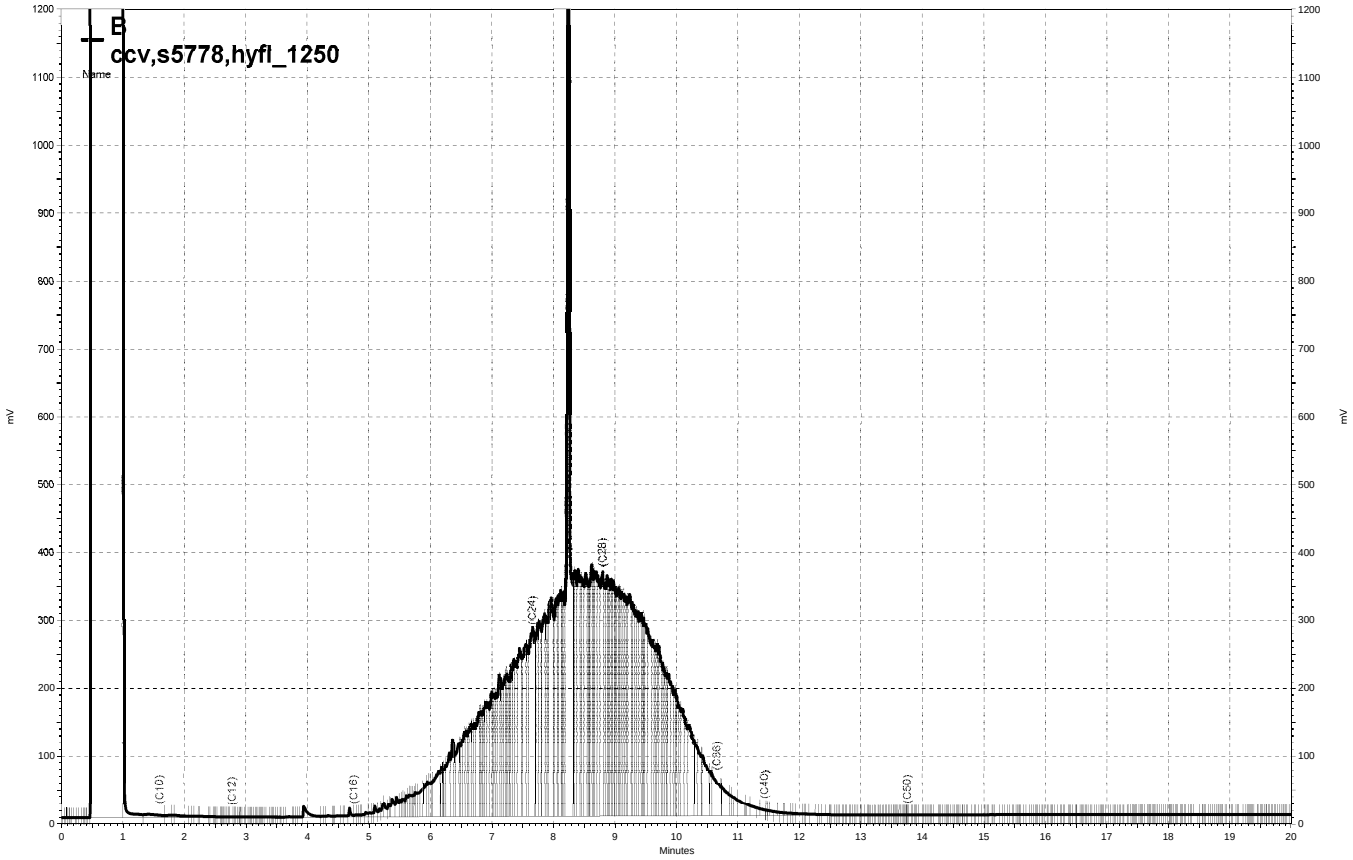

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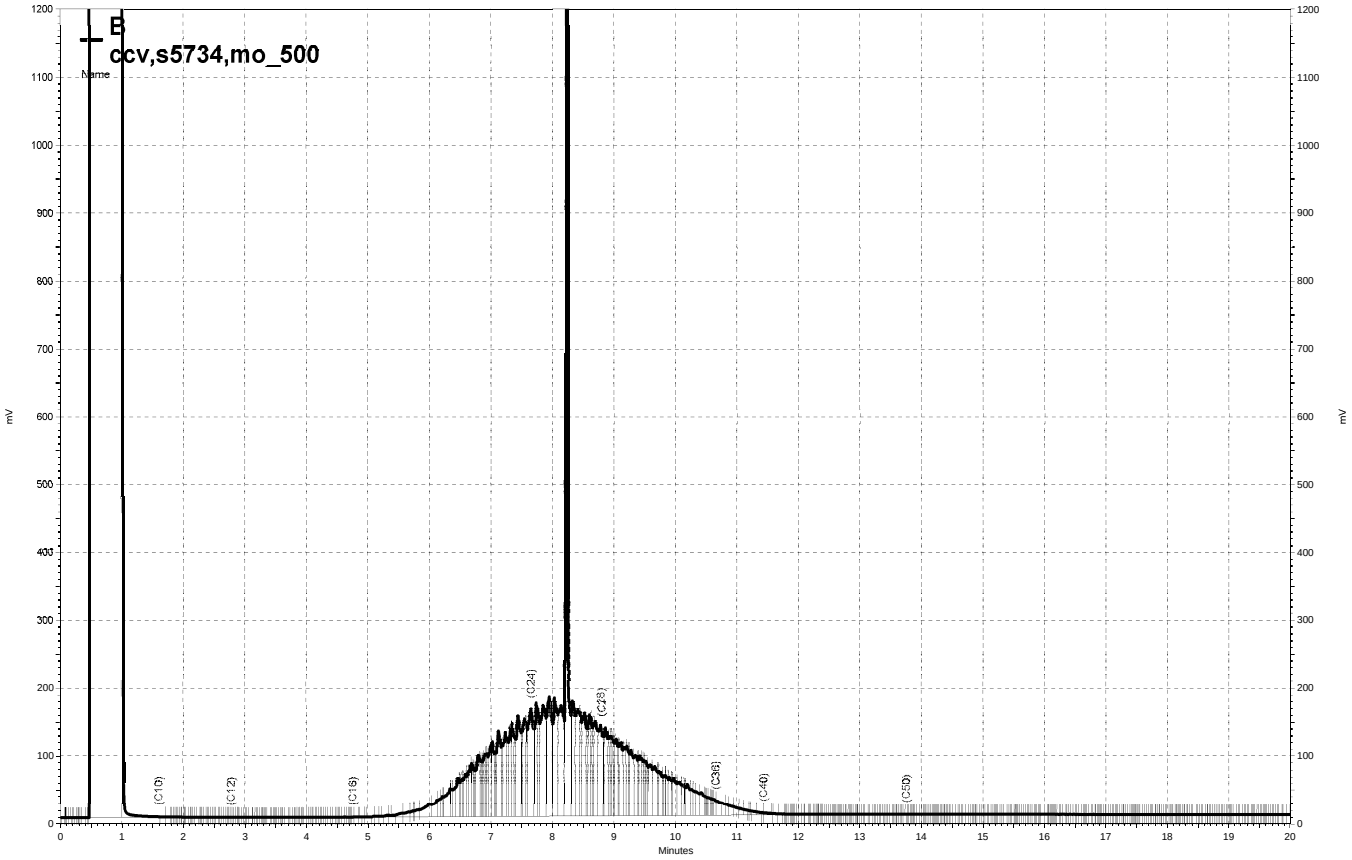

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194434

SECOR CHAIN-OF-CUSTODY RECORD

COC # 06315
Page ____ of ____

FIELD OFFICE INFORMATION

OFFICE: 005
Send Report To: Greg Hoehn
57 Lafayette Circle
Lafayette, CA
Telephone: 925-299-9300
Fax / E-Mail: ghoehn@secor.com

PROJECT INFORMATION

Project No.: 050T.50238.00 Task:
Project Name: Kaiser-Broadway Oakland
Project Manager: Greg Hoehn
Laboratory: C&T

ANALYSES / METHOD REQUESTED

Number of Containers
TEPH-diesel 8015M with silica gel cleanup
Perform Waste Extraction Test (WET) for Lead
TEPH-motor oil 8015M with silica gel cleanup
Chromium 6010B
Lead 6010B
TEPH-motor oil 8015M with silica gel cleanup

REMARKS / PRECAUTIONS

TAT: [ ] Normal [X] Rush [ ] Other ____ 24-HR

REPORTING REQUIREMENTS: [ ] MB & SURGS [ ] Dup/MS/MSD [ ] Raw Data [ ] CLP Rpt [ ] EDD [ ] Other ____

	Sample No. / Identification	SAMPLE Date	SAMPLE Time	SAMPLE Matrix*	Container & Size **	Preservative	Number of Containers	TEPH-diesel 8015M with silica gel cleanup	Perform Waste Extraction Test (WET) for Lead	TEPH-motor oil 8015M with silica gel cleanup	Chromium 6010B	Lead 6010B	TEPH-motor oil 8015M with silica gel cleanup	Remarks
-1	A5-S2-3-10'	4/27/07	1130	soil	jar	—	2	X	X	X				
-2	A5-S4-2-10'	4/27/07	1135					X	X	X				
-3	A4-N-2-5'		1230				1				X			
-4	A4-E-2-5'		1240				1				X			
-5	A4-S-2-5'		1240				1				X			
-6	A3-N-2-9'		1340				1				X			
-7	A3-W1-2-12'		1342					X				X	X	
-8	A3-B1-2-12'		1349								X			Per Greg Hoehn ok 04/27/07
-9	A3-E1-2-12'		1355					X				X	X	
-10	A3-W2-2-12'		1358					X				X	X	
-11	A3-E2-2-12'	↓	1359	↓	↓	↓	↓	X				X	X	

Possible Hazard Identification: [ ] Non-Hazardous [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return to Client [ ] Disposal by Lab [ ] Archive for ____ Months

Sampled by:

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Rhamly Chuop	Rhamly Chuop	SECOR Int'l Inc.	4/27/07	1445
1b	Received by: Anne Kathain	ANNE KATHAIN	C&T	4/27/07	14:45
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

* 2 jars sent for sample -002
* sample -011 : COC = A3-E2-2-12' container = A3-E2-2-12' logged in as COC same time

* sample -006: COC = A3-N-2-9' container = A3-N-2-8' logged in as COC. same time

194434

SECOR CHAIN-OF-CUSTODY RECORD

SECOR

COC # 02622
Page 1 of 1

FIELD OFFICE INFORMATION	PROJECT INFORMATION
OFFICE: 005	Project No.: Task:
Send Report To: Greg Hoehn 57 Lafayette Circle Lafayette, CA	Project Name: Kaiser-Broadway Oak Yard
Telephone: 925-299-9300	Project Manager: Greg Hoehn
Fax / E-Mail: ghoehn@secor.com	Laboratory: C&T

Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	ANALYSES / METHOD REQUEST: TTLC Lead Chromium	STLC Lead Chromium	REMARKS / PRECAUTIONS
-12 A3-STOCKPILE-A	4/27/07	1330	Soil	jar	—	1	X	X	Make into one composite Sample (Comp -16)
-13 A3-STOCKPILE-B	↓	1330	↓	↓	↓	↓	X	X	↓
-14 A3 STOCKPILE-C		1350					X	X	
-15 A3-STOCKPILE-D		1350					X	X	

TAT: ☐ Normal ☒ Rush ☐ Other — 24HR

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☐ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other

Possible Hazard Identification
☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sampled by: Khamly Chuop

Shipment Method: Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by: Khamly Chuop	Khamly Chuop	SECOR Intl Inc	4/27/07	1445
1b	Received by: Anne Kathain	ANNE KATHAIN	C&T	4/27/07	14:45
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

***Matrix Key:** AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

****Container:** A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

194434

Subject: RE: 050T.50238.00 - C&T Login Summary (194434)
From: "Greg Hoehn" <ghoehn@secor.com>
Date: Mon, 30 Apr 2007 13:51:02 -0700
To: "Anne Kathain" <Anne@ctberk.com>
CC: "Khamly Chuop" <kchuop@secor.com>

Anne:

I don't want to hold up results today, so if you have to, please send results before you make this change. Please change the ID for the following samples:

A4-N-2-5' to A4-N-3-5'; A4-E-2-5' to A4-E-3-5'; and A4-S-2-5' to A4-S-3-5'. Please let me know that this is ok or if you have any questions.

Thanks,

Greg Hoehn
Principal Geologist
SECOR - San Francisco
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Ph: (925) 299-9300
Fx: (925) 299-9302
Web: www.secor.com
Email: ghoehn@secor.com

From: Anne Kathain [mailto:Anne@ctberk.com]
Sent: Monday, April 30, 2007 9:01 AM
To: Greg Hoehn
Subject: 050T.50238.00 - C&T Login Summary (194434)

C&T Login Summary for 194434

Project: 050T.50238.00	**Report To:** SECOR	**Bill To:** SECOR
Site: Kaiser - Oakland	57 Lafayette Circle	57 Lafayette Circl
Lab Login #: 194434	2nd Floor	2nd Floor
Report Due: 04/30/07	Lafayette, CA 94549-4321	Lafayette, CA 94
PO#:	ATTN: Greg Hoehn	ATTN: Greg Hoe
C&T Proj Mgr: Anne Kathain	(925) 299-9300	(925) 299-9300

Client ID	Lab ID	Sampled	Received	Matrix	Analyses	COC #	C
A5-S2-3-10'	001	04/27	04/27			06315	

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	124647
Units:	mg/Kg	Sampled:	04/27/07
Basis:	as received	Received:	04/27/07
Diln Fac:	1.000	Prepared:	04/28/07

Field ID: A5-S2-3-10' Analyzed: 04/29/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194434-001

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	49	40-127

Field ID: A5-S4-2-10' Analyzed: 04/30/07
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 194434-002

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	47	40-127

Type: BLANK Analyzed: 04/29/07
Lab ID: QC385583 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	62	40-127

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC385584	Batch#:	124647
Matrix:	Soil	Prepared:	04/28/07
Units:	mg/Kg	Analyzed:	04/29/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.15	40.27	80	58-127

Surrogate	%REC	Limits
Hexacosane	76	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A5-S2-3-10'	Batch#:	124647
MSS Lab ID:	194434-001	Sampled:	04/27/07
Matrix:	Soil	Received:	04/27/07
Units:	mg/Kg	Prepared:	04/28/07
Basis:	as received	Analyzed:	04/29/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC385585

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<0.1835	49.77	21.28	43	29-147

Surrogate	%REC	Limits
Hexacosane	40	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC385586

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.77	23.99	48	29-147	12	46

Surrogate	%REC	Limits
Hexacosane	45	40-127

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/27/07
Units:	mg/Kg	Received:	04/27/07
Basis:	as received	Prepared:	04/28/07
Diln Fac:	1.000	Analyzed:	04/29/07
Batch#:	124647		

Field ID: A3-W1-2-12' Lab ID: 194434-007
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2.6 H Y	1.0
Motor Oil C24-C36	25 H	5.0

Surrogate	%REC	Limits
Hexacosane	47	40-127

Field ID: A3-E1-2-12' Lab ID: 194434-009
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	16 H Y	1.0
Motor Oil C24-C36	70 H	5.0

Surrogate	%REC	Limits
Hexacosane	61	40-127

Field ID: A3-W2-2-12' Lab ID: 194434-010
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	44	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	04/27/07
Units:	mg/Kg	Received:	04/27/07
Basis:	as received	Prepared:	04/28/07
Diln Fac:	1.000	Analyzed:	04/29/07
Batch#:	124647		

Field ID: A3-E2-2-12' Lab ID: 194434-011
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	49	40-127

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC385583

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	62	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC385584	Batch#:	124647
Matrix:	Soil	Prepared:	04/28/07
Units:	mg/Kg	Analyzed:	04/29/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.15	40.27	80	58-127

Surrogate	%REC	Limits
Hexacosane	76	40-127

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A5-S2-3-10'	Batch#:	124647
MSS Lab ID:	194434-001	Sampled:	04/27/07
Matrix:	Soil	Received:	04/27/07
Units:	mg/Kg	Prepared:	04/28/07
Basis:	as received	Analyzed:	04/29/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC385585

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<0.1835	49.77	21.28	43	29-147

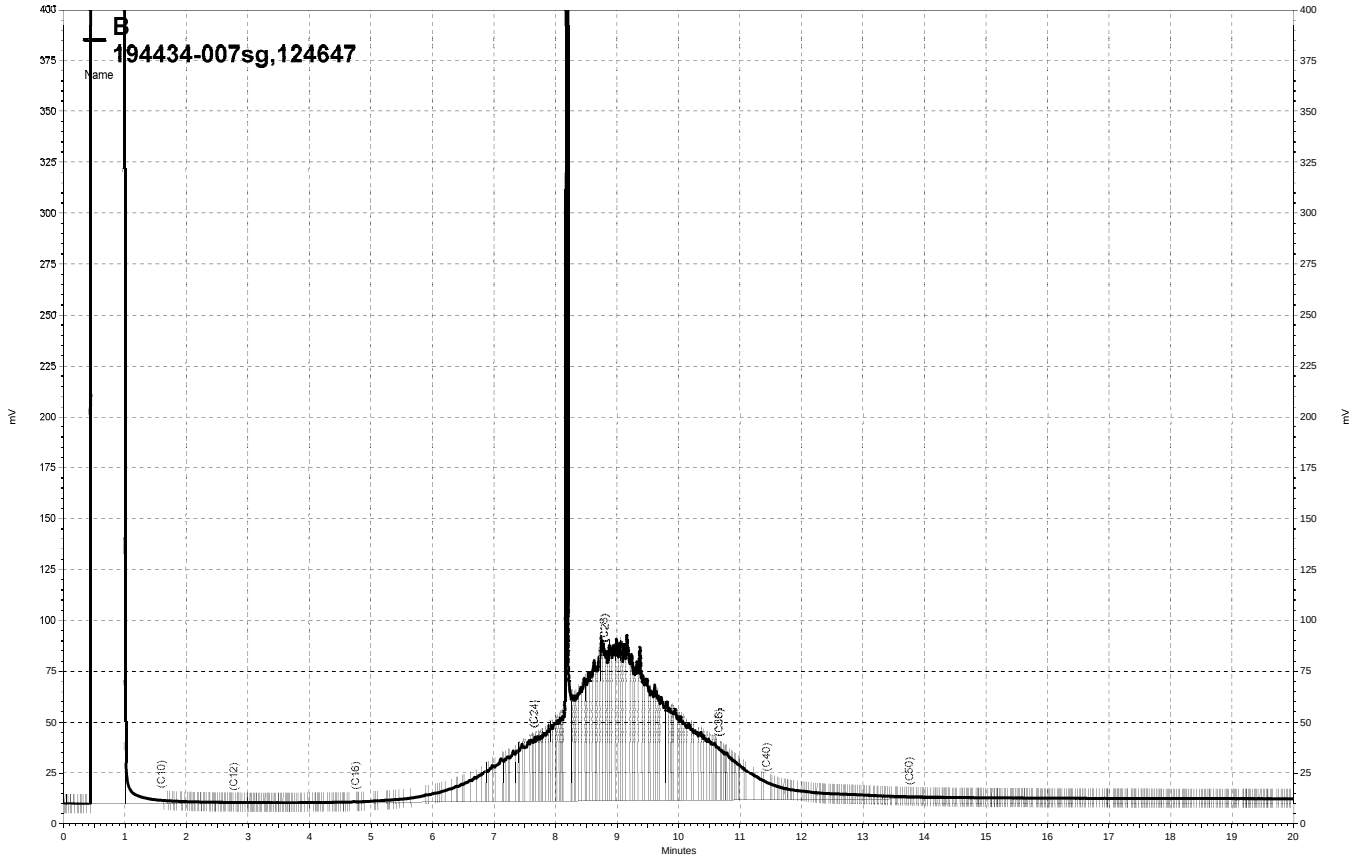
Surrogate	%REC	Limits
Hexacosane	40	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC385586

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.77	23.99	48	29-147	12	46

Surrogate	%REC	Limits
Hexacosane	45	40-127

RPD= Relative Percent Difference



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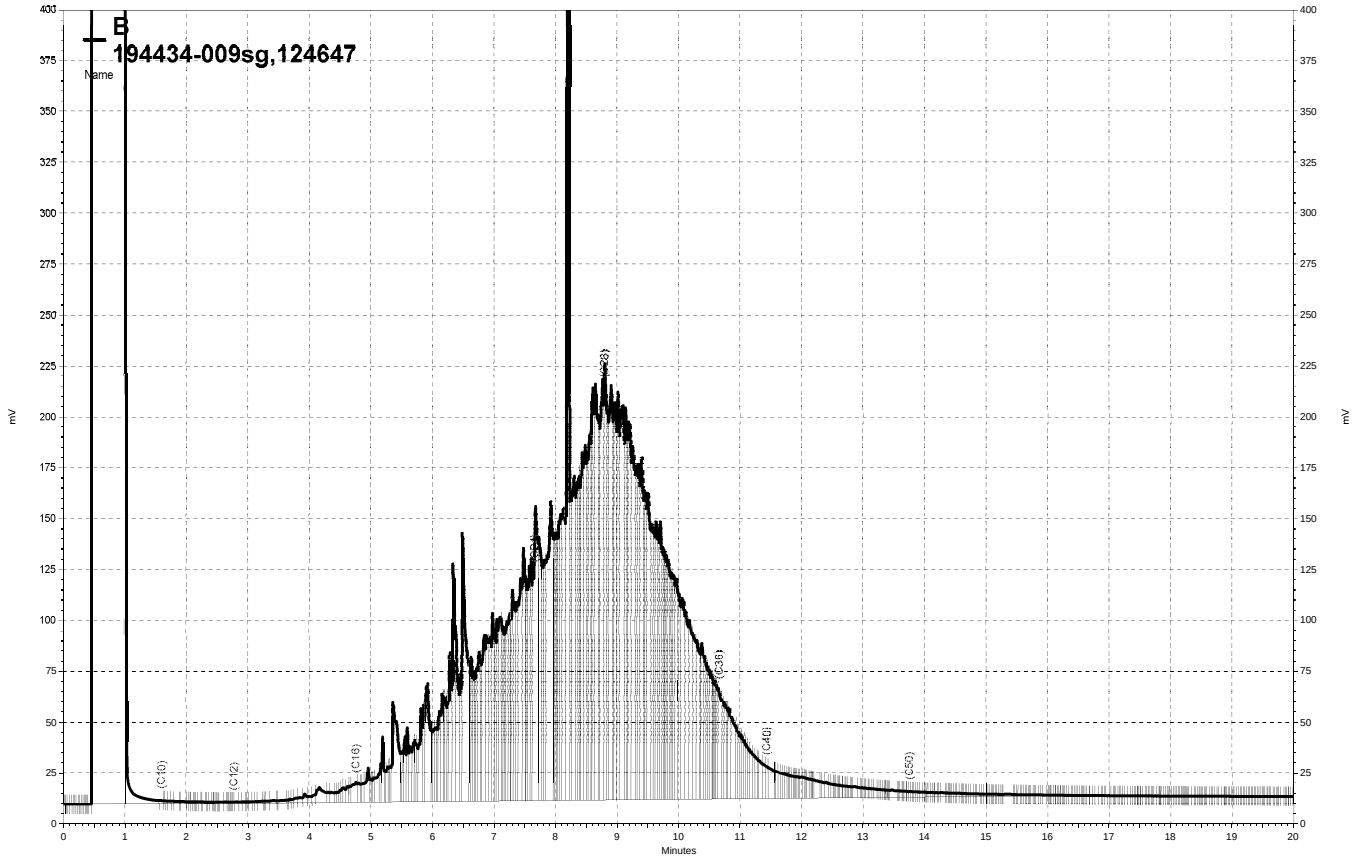

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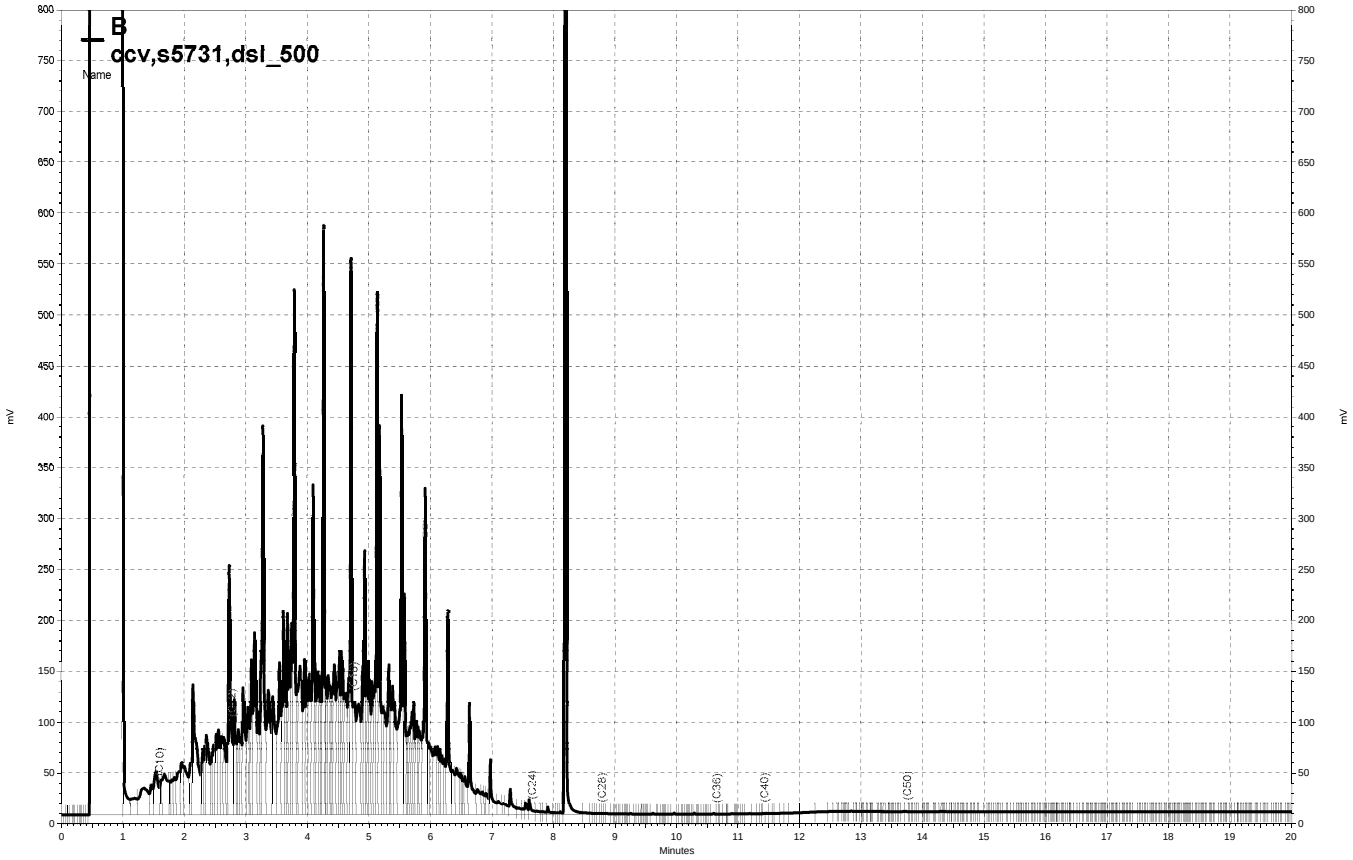

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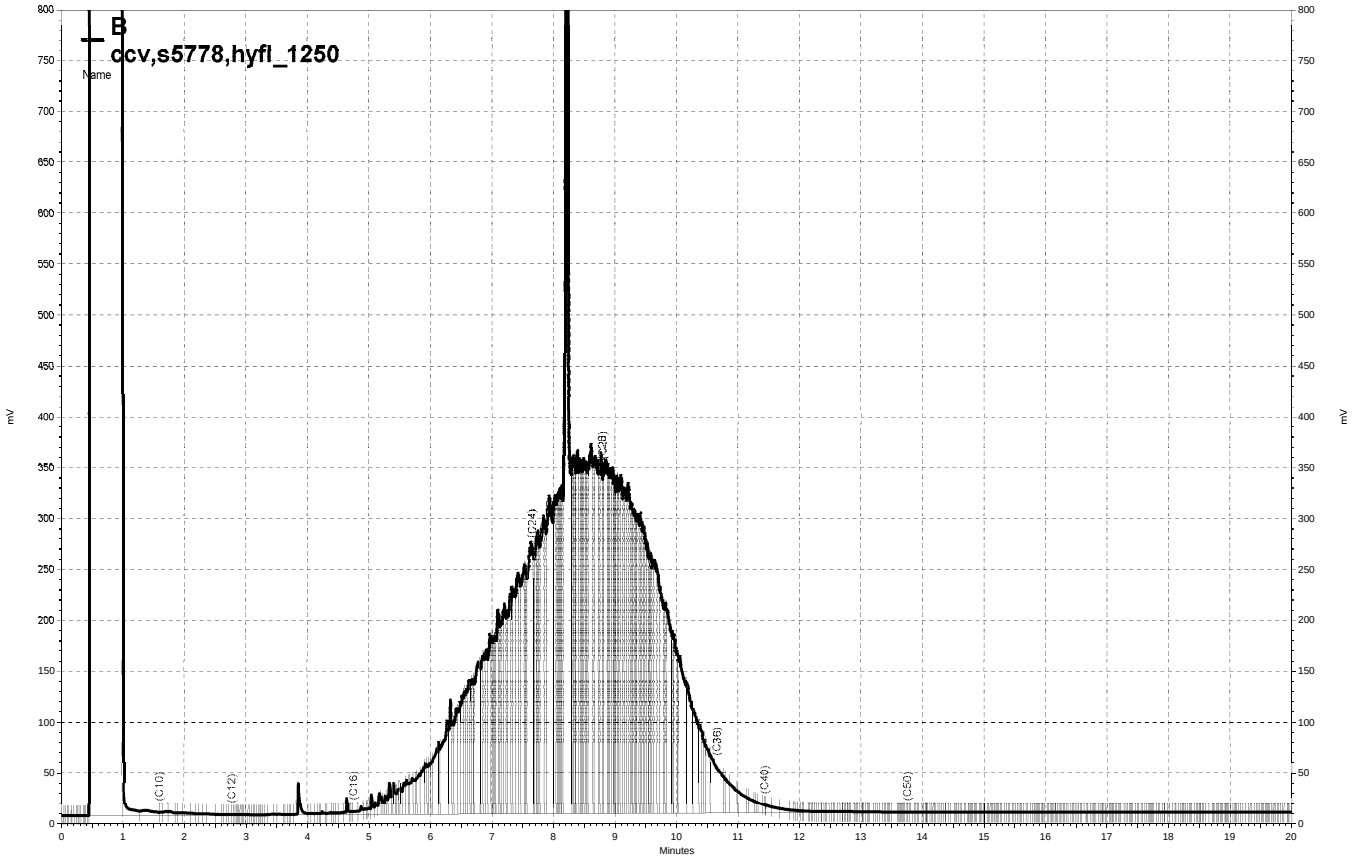

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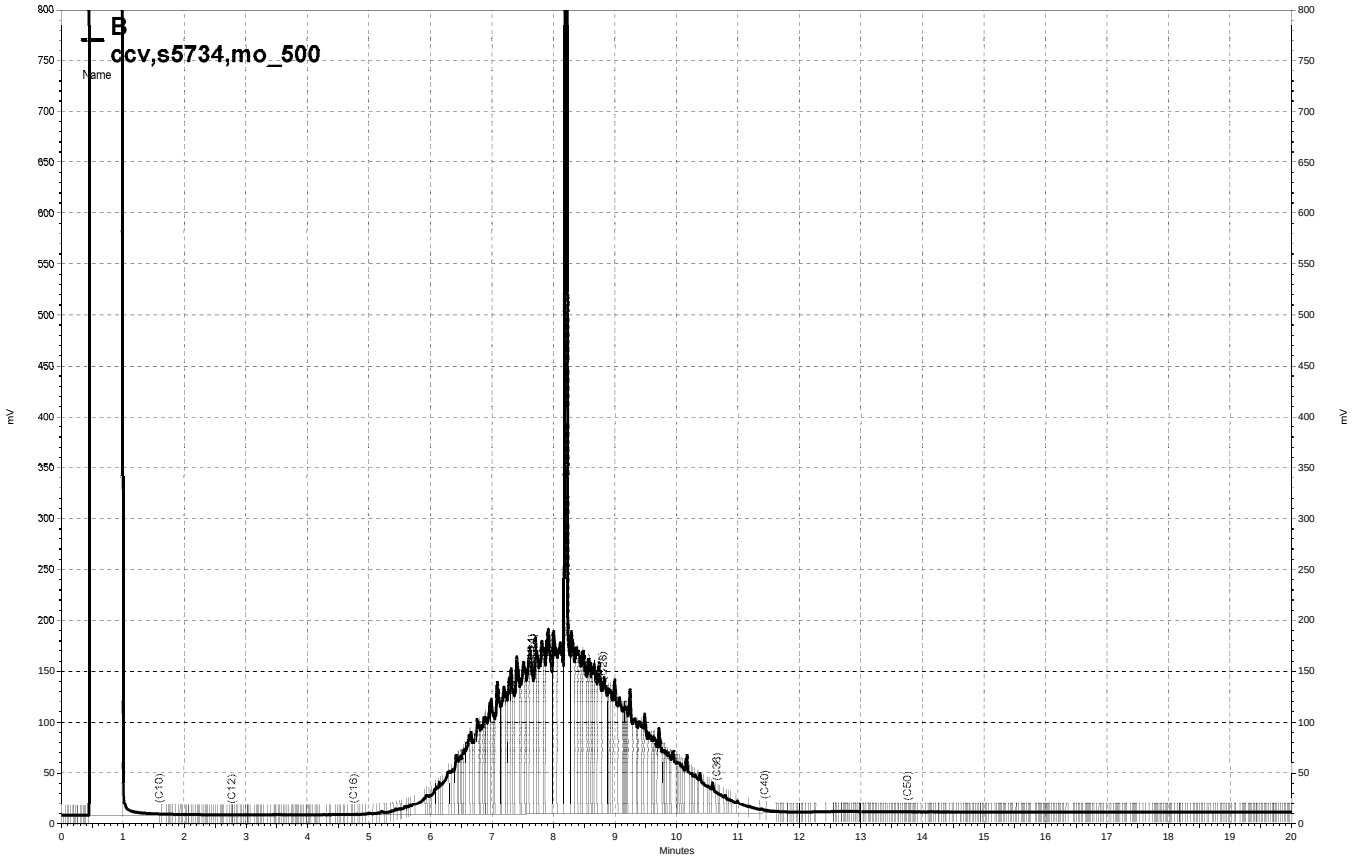

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Cadmium

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Cadmium	Batch#:	124662
Field ID:	A3-W1-2-12'	Sampled:	04/27/07
Matrix:	Soil	Received:	04/27/07
Units:	mg/Kg	Prepared:	04/30/07
Basis:	as received	Analyzed:	04/30/07
Diln Fac:	1.000		

Type	Lab ID	Result	RL
SAMPLE	194434-007	ND	0.25
BLANK	QC385625	ND	0.25

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Cadmium

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Cadmium	Diln Fac:	1.000
Field ID:	A4-N-3-5'	Batch#:	124662
MSS Lab ID:	194434-003	Sampled:	04/27/07
Matrix:	Soil	Received:	04/27/07
Units:	mg/Kg	Prepared:	04/30/07
Basis:	as received	Analyzed:	04/30/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC385626		10.00	10.19	102	80-120		
BSD	QC385627		10.00	10.43	104	80-120	2	20
MS	QC385628	<0.002454	9.901	7.870	79	72-120		
MSD	QC385629		9.524	7.786	82	72-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Chromium

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Chromium	Batch#:	124662
Matrix:	Soil	Sampled:	04/27/07
Units:	mg/Kg	Received:	04/27/07
Basis:	as received	Prepared:	04/30/07
Diln Fac:	1.000	Analyzed:	04/30/07

Field ID	Type	Lab ID	Result	RL
A4-N-3-5'	SAMPLE	194434-003	47	0.25
A4-E-3-5'	SAMPLE	194434-004	29	0.25
A4-S-3-5'	SAMPLE	194434-005	53	0.25
A3-N-2-9'	SAMPLE	194434-006	64	0.25
A3-B1-2-12'	SAMPLE	194434-008	48	0.25
A3-STOCKPILE-COMP	SAMPLE	194434-016	47	0.25
	BLANK	QC385625	ND	0.25

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Chromium

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Chromium	Diln Fac:	1.000
Field ID:	A4-N-3-5'	Batch#:	124662
MSS Lab ID:	194434-003	Sampled:	04/27/07
Matrix:	Soil	Received:	04/27/07
Units:	mg/Kg	Prepared:	04/30/07
Basis:	as received	Analyzed:	04/30/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC385626		100.0	98.13	98	80-120		
BSD	QC385627		100.0	101.3	101	80-120	3	20
MS	QC385628	47.16	99.01	110.7	64	63-122		
MSD	QC385629		95.24	128.3	85	63-122	17	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Lead

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	124662
Matrix:	Soil	Sampled:	04/27/07
Units:	mg/Kg	Received:	04/27/07
Basis:	as received	Prepared:	04/30/07
Diln Fac:	1.000	Analyzed:	04/30/07

Field ID	Type	Lab ID	Result	RL
A3-W1-2-12'	SAMPLE	194434-007	4.4	0.15
A3-E1-2-12'	SAMPLE	194434-009	15	0.15
A3-W2-2-12'	SAMPLE	194434-010	11	0.15
A3-STOCKPILE-COMP	SAMPLE	194434-016	65	0.15
	BLANK	QC385625	ND	0.15

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Lead

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	A4-N-3-5'	Batch#:	124662
MSS Lab ID:	194434-003	Sampled:	04/27/07
Matrix:	Soil	Received:	04/27/07
Units:	mg/Kg	Prepared:	04/30/07
Basis:	as received	Analyzed:	04/30/07

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC385626		100.0	98.16	98	80-120		
BSD	QC385627		100.0	100.2	100	80-120	2	20
MS	QC385628	7.388	99.01	86.71	80	55-122		
MSD	QC385629		95.24	79.53	76	55-122	5	26

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Metals Analytical Report

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	WET
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A3-STOCKPILE-COMP	Sampled:	04/27/07
Matrix:	WET Leachate	Received:	04/27/07
Units:	ug/L	Prepared:	04/30/07
Diln Fac:	10.00	Analyzed:	04/30/07
Batch#:	124679		

Type: SAMPLE Lab ID: 194434-016

Analyte	Result	RL
Chromium	ND	250
Lead	4,800	150

Type: BLANK Lab ID: QC385693

Analyte	Result	RL
Chromium	ND	250
Lead	ND	150

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Metals Analytical Report

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	WET
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	WET Leachate	Batch#:	124679
Units:	ug/L	Prepared:	04/30/07
Diln Fac:	1.000	Analyzed:	04/30/07

Type: BS Lab ID: QC385694

Analyte	Spiked	Result	%REC	Limits
Chromium	2,000	2,114	106	80-120
Lead	2,000	2,033	102	80-120

Type: BSD Lab ID: QC385695

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Chromium	2,000	2,099	105	80-120	1	20
Lead	2,000	2,075	104	80-120	2	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Metals Analytical Report

Lab #:	194434	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	WET
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A3-STOCKPILE-COMP	Batch#:	124679
MSS Lab ID:	194434-016	Sampled:	04/27/07
Matrix:	WET Leachate	Received:	04/27/07
Units:	ug/L	Prepared:	04/30/07
Diln Fac:	10.00	Analyzed:	04/30/07

Type: MS Lab ID: QC385696

Analyte	MSS Result	Spiked	Result	%REC	Limits
Chromium	201.8	10,000	10,300	101	80-120
Lead	4,827	10,000	13,990	92	70-120

Type: MSD Lab ID: QC385697

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Chromium	10,000	10,620	104	80-120	3	20
Lead	10,000	14,480	97	70-120	3	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195288

Sampler: Doug Phelps

Project No.: p507-50238.pp

Project Name: Kaiser - Oakland

Project P.O.:

Turnaround Time: Standard

Report To:

Company: Secor

Telephone: 925-299-9300

Fax: 925-299-9302

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste		# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE		Analysis: TPH gas, diesel, motor oil
-1	Area 6 - NW	6-7-7 3:30					1						X
-2	Area 6 - NW	6-7-7 3:30					1						X
-3	Area 6 - SW	6-7-7 3:30					1						X
-4	Area 6 - EW	6-7-7 3:30					1						X

Notes:

SAMPLE RECEIPT
☑ Intact ☐ Cold
☐ On Ice ☑ Ambient

Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:

Doug Phelps 6-7-7/6:40
SIGNATURE DATE / TIME

DATE / TIME

DATE / TIME

RECEIVED BY:

6-7-07 6:40pm
DATE / TIME

DATE / TIME

DATE / TIME

Subject: rush request for C&T login # 195288
From: "Neil Doran" <ndoran@secor.com>
Date: Mon, 11 Jun 2007 10:08:46 -0700
To: "Anne Kathain" <anne@ctberk.com>

Anne,

Per my voice message a few minutes ago...please rush the analyses for the four soil samples submitted under login # 195288.

The TPHg analyses are most critical.

Thanks,

Neil H. Doran
Associate Geologist
SECOR International Inc.
57 Lafayette Circle
Lafayette, CA 94549
office (925) 299-9300, x.237
cell (510) 385-4493
fax (925) 299-9302

Subject: Changing Sample ID's
From: "Greg Hoehn" <ghoehn@secor.com>
Date: Mon, 18 Jun 2007 11:08:01 -0700
To: "Anne Kathain" <Anne@ctberk.com>

Anne:

For lab reports 195230 and 195288, please revise the sample ID's so that wherever a sample is designated from Area 6, it is from Area 7. Please feel free to contact me with any questions or if you need more information.

Thanks,

Greg Hoehn
Principal Geologist
SECOR - San Francisco
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Ph: (925) 299-9300
Fx: (925) 299-9302
Web: www.secor.com
Email: ghoehn@secor.com

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 195288

SECOR	Project : 050T.50238.00
57 Lafayette Circle	Location : Kaiser - Oakland
Lafayette, CA 94549-4321	Level : II

Sample ID	Lab ID
AREA 7 - WW	195288-001
AREA 7 - NW	195288-002
AREA 7 - SW	195288-003
AREA 7 - EW	195288-004

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Signature: _____ Date: 06/18/2007
Project Manager

Signature: _____ Date: 06/18/2007
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**195288**
Client:	**SECOR**
Project:	**050T.50238.00**
Location:	**Kaiser - Oakland**
Request Date:	**06/08/07**
Samples Received:	**06/08/07**

This hardcopy data package contains sample and QC results for four soil samples, requested for the above referenced project on 06/08/07. The samples were received intact at ambient temperature.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
Low recoveries were observed for diesel C10-C24 in the MS/MSD for batch 126128; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126175
Units:	mg/Kg	Sampled:	06/07/07
Basis:	as received	Received:	06/08/07
Diln Fac:	1.000		

Field ID: AREA 7 - WW
Type: SAMPLE
Lab ID: 195288-001
Analyzed: 06/12/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	106	70-132
Bromofluorobenzene (FID)	111	66-138

Field ID: AREA 7 - NW
Type: SAMPLE
Lab ID: 195288-002
Analyzed: 06/12/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	107	66-138

Field ID: AREA 7 - SW
Type: SAMPLE
Lab ID: 195288-003
Analyzed: 06/12/07

Analyte	Result	RL
Gasoline C7-C12	ND	0.94

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	70-132
Bromofluorobenzene (FID)	108	66-138

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126175
Units:	mg/Kg	Sampled:	06/07/07
Basis:	as received	Received:	06/08/07
Diln Fac:	1.000		

Field ID:	AREA 7 - EW	Lab ID:	195288-004
Type:	SAMPLE	Analyzed:	06/12/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	70-132
Bromofluorobenzene (FID)	115	66-138

Type:	BLANK	Analyzed:	06/11/07
Lab ID:	QC391746		

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	70-132
Bromofluorobenzene (FID)	110	66-138

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC391747	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126175
Units:	mg/Kg	Analyzed:	06/11/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	10.61	106	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	70-132
Bromofluorobenzene (FID)	111	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	195287-001	Batch#:	126175
Matrix:	Soil	Sampled:	06/07/07
Units:	mg/Kg	Received:	06/07/07
Basis:	as received	Analyzed:	06/11/07

Type: MS Lab ID: QC391748

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1430	10.10	8.889	87	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	108	66-138

Type: MSD Lab ID: QC391749

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.10	7.870	76	36-120	12	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	70-132
Bromofluorobenzene (FID)	106	66-138

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/07/07
Units:	mg/Kg	Received:	06/08/07
Basis:	as received	Prepared:	06/10/07
Diln Fac:	1.000	Analyzed:	06/11/07
Batch#:	126128		

Field ID: AREA 7 - WW
Type: SAMPLE
Lab ID: 195288-001

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	85	40-127

Field ID: AREA 7 - NW
Type: SAMPLE
Lab ID: 195288-002

Analyte	Result	RL
Diesel C10-C24	1.7 H Y	1.0
Motor Oil C24-C36	12 Y	5.0

Surrogate	%REC	Limits
Hexacosane	94	40-127

Field ID: AREA 7 - SW
Type: SAMPLE
Lab ID: 195288-003

Analyte	Result	RL
Diesel C10-C24	5.1 H Y	1.0
Motor Oil C24-C36	20	5.0

Surrogate	%REC	Limits
Hexacosane	94	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/07/07
Units:	mg/Kg	Received:	06/08/07
Basis:	as received	Prepared:	06/10/07
Diln Fac:	1.000	Analyzed:	06/11/07
Batch#:	126128		

Field ID: AREA 7 - EW
Type: SAMPLE
Lab ID: 195288-004

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	97	40-127

Type: BLANK
Lab ID: QC391581

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	91	40-127

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC391582	Batch#:	126128
Matrix:	Soil	Prepared:	06/10/07
Units:	mg/Kg	Analyzed:	06/11/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.76	43.79	88	58-127

Surrogate	%REC	Limits
Hexacosane	91	40-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195288	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	126128
MSS Lab ID:	195242-003	Sampled:	06/05/07
Matrix:	Soil	Received:	06/06/07
Units:	mg/Kg	Prepared:	06/10/07
Basis:	as received	Analyzed:	06/11/07
Diln Fac:	10.00		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC391583

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	190.5	50.11	168.4	-44 *	29-147

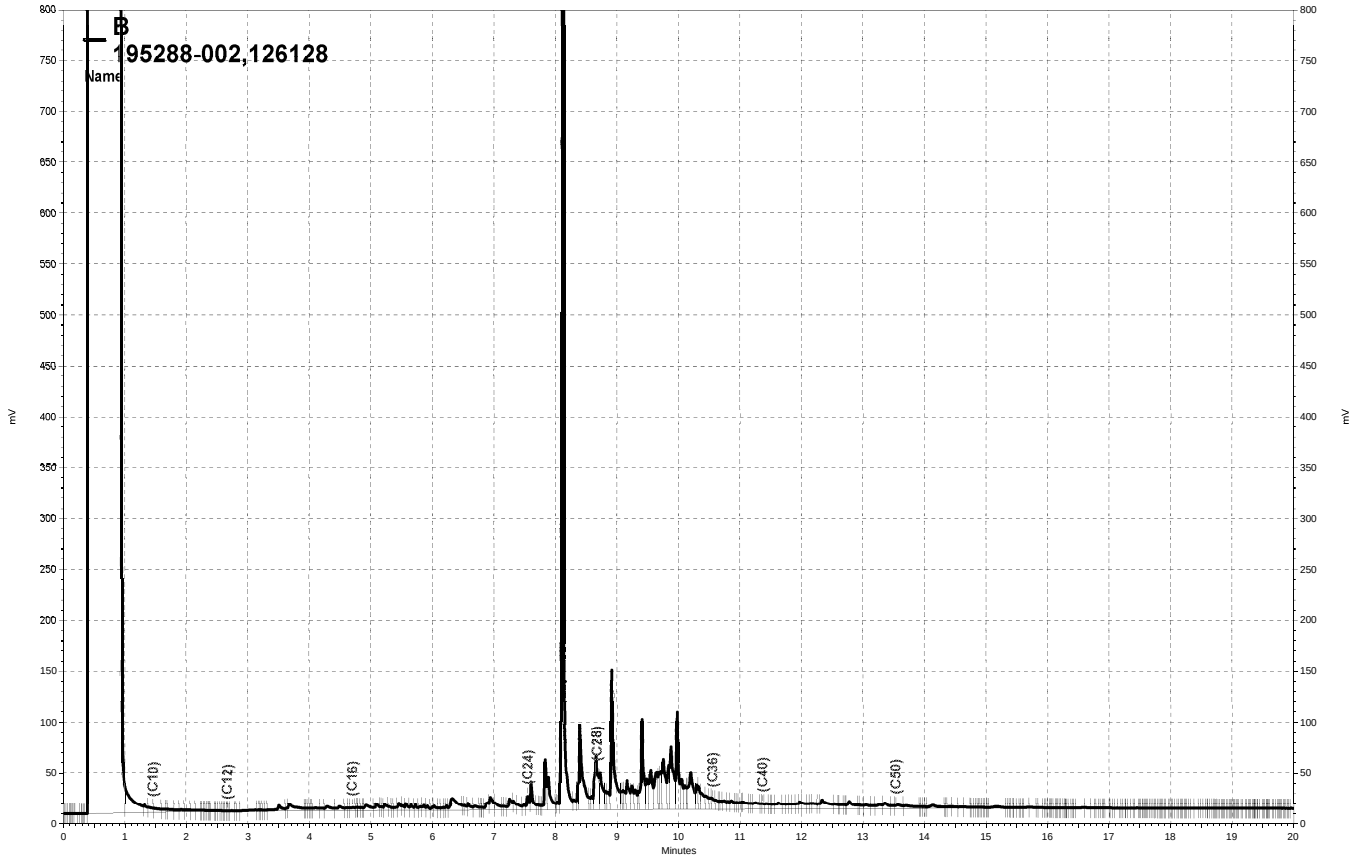
Surrogate	%REC	Limits
Hexacosane	DO	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC391584

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.10	193.1	5 *	29-147	14	46

Surrogate	%REC	Limits
Hexacosane	DO	40-127

*= Value outside of QC limits; see narrative
DO= Diluted Out
RPD= Relative Percent Difference



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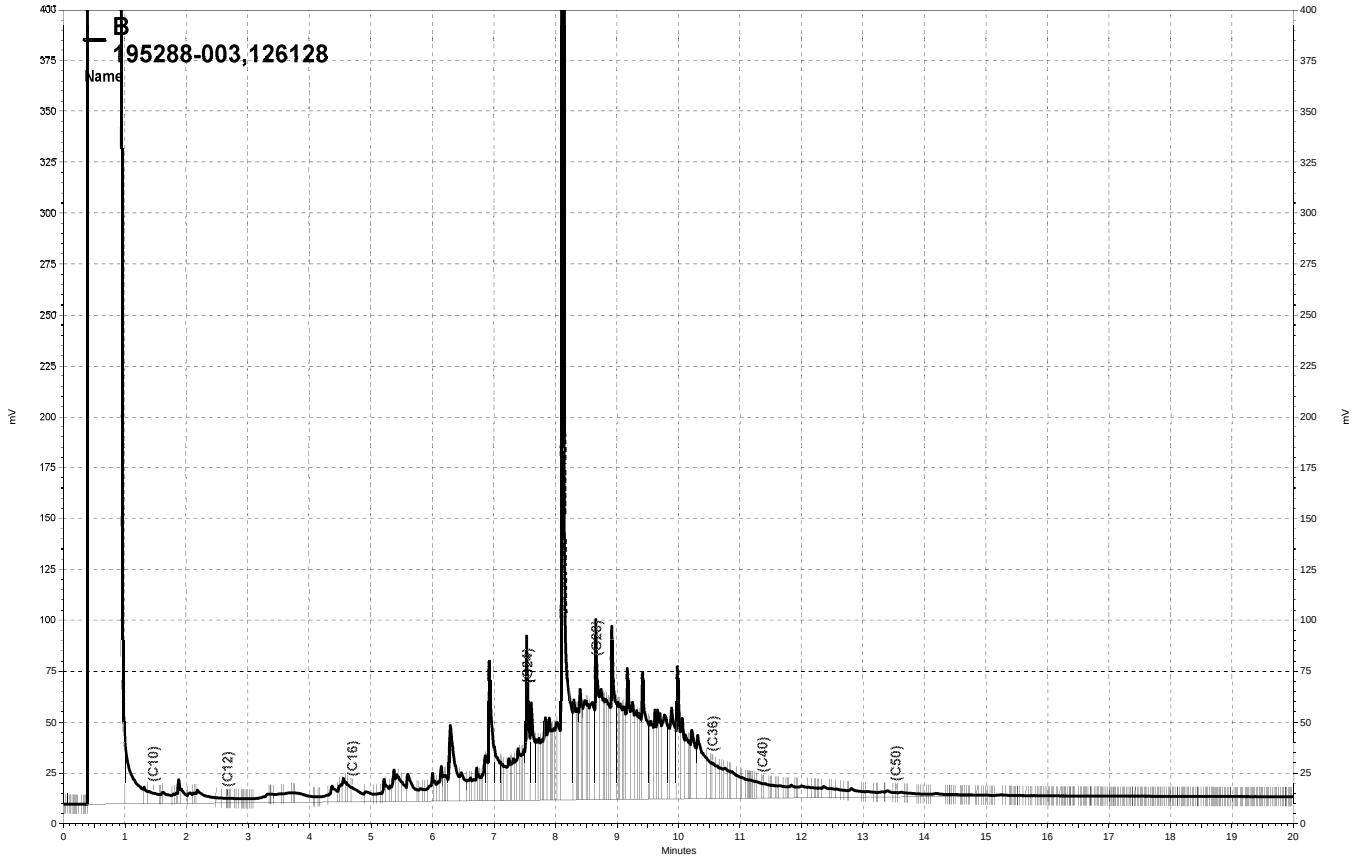

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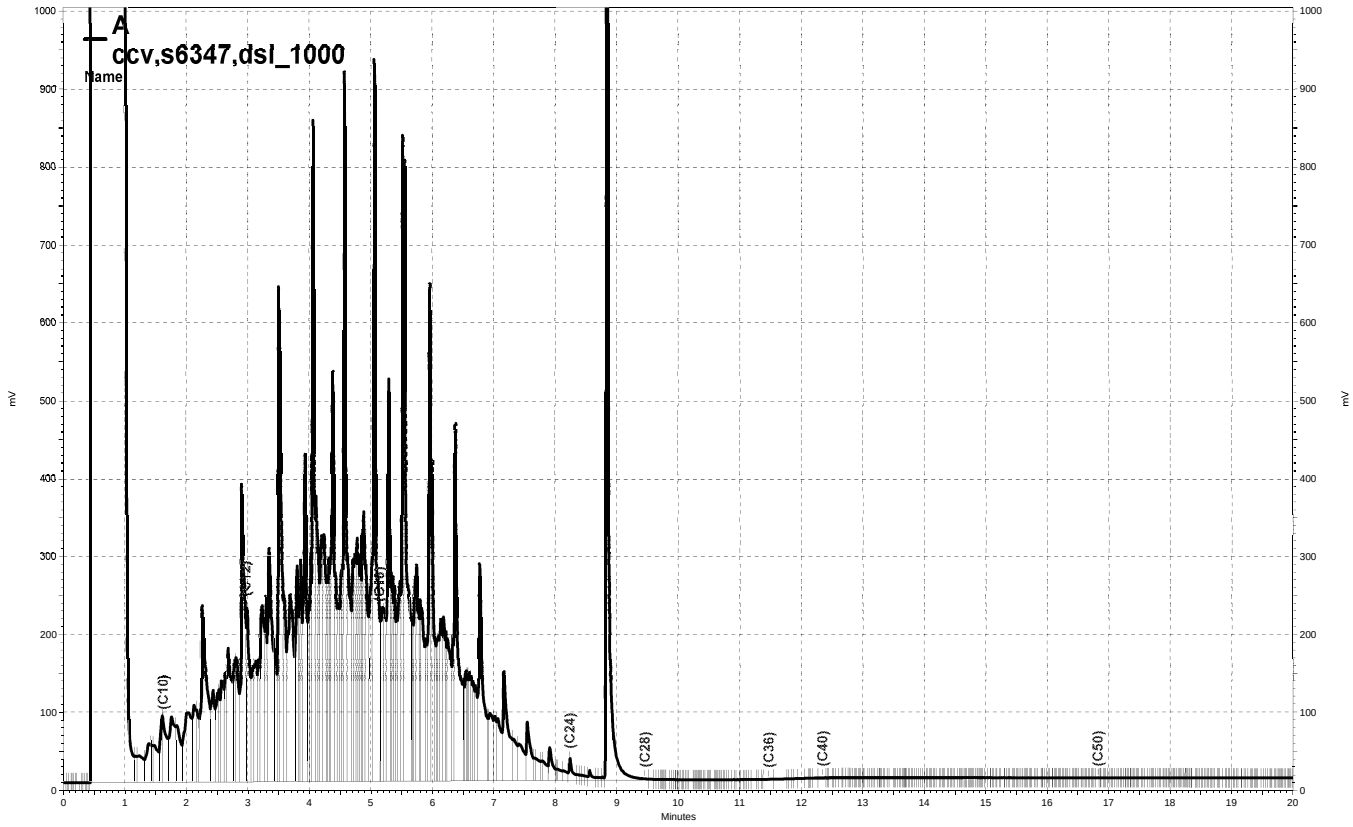

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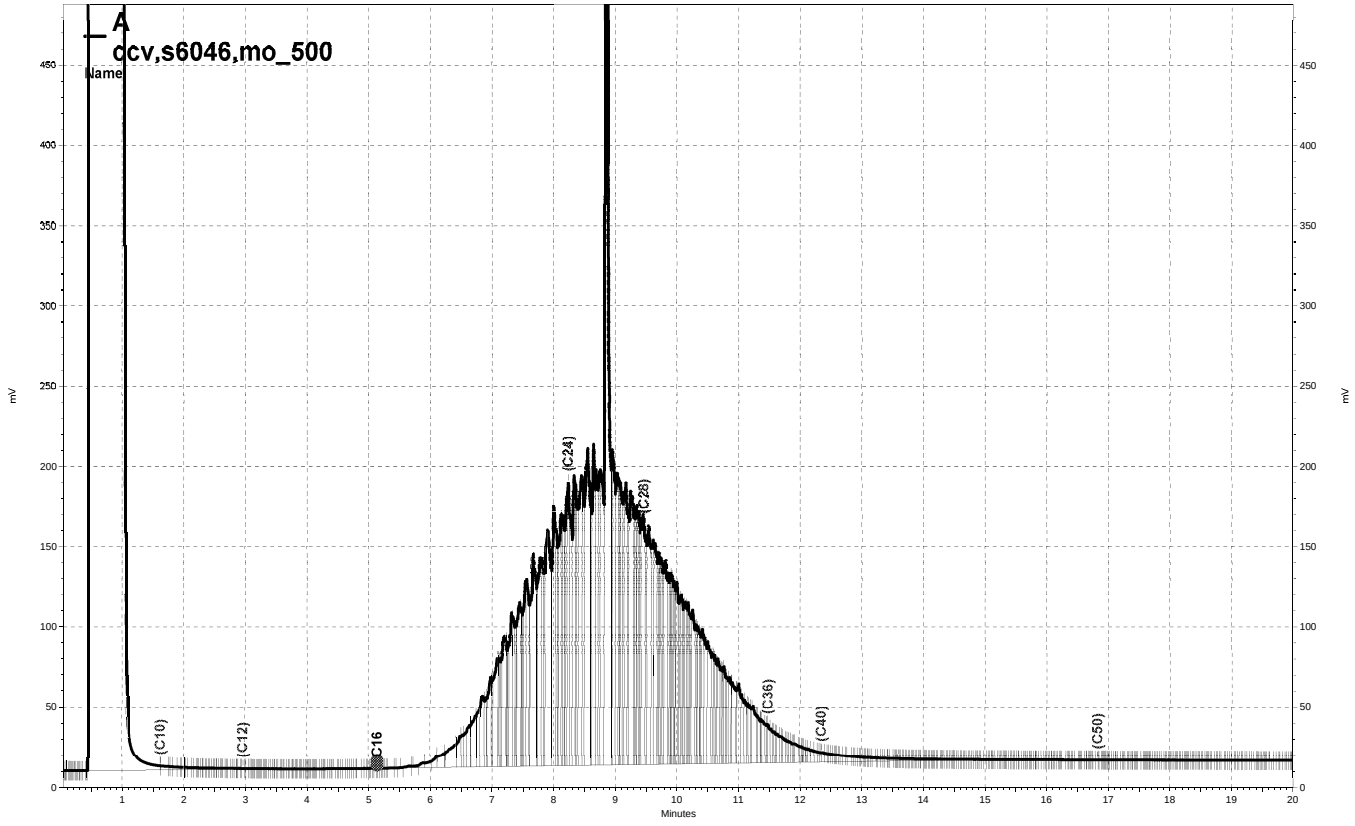

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Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195528

Sampler: Doug Phelps

Project No.: 050T.5238.01 | Report To: Greg Hoehn

Project Name: Kaiser - Broadway, Oakland | Company: Secor

Project P.O.: | Telephone: 925-299-9300

Turnaround Time: Standard | Fax: 925-299-9302

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: 8015M TPH-g	BTEX	MTBE	TEPH	LUFT 6010B
-1	A-1-15'	6-20, 1400hrs				1					X	X	X	X	X
-2	A-2-15'										X	X		X	X
-3	A-3-15'										X	X			
-4	A-4-15'										X	X			
-5	A-5-15'										X	X			
-6	A-6-15'										X	X	X		
-7	A-7-15'										X	X	X		
-8	A-8-15'										X	X	X		
-9	A-9-15'										X	X	X		
-10	A-10-15'										X	X	X		
-11	A-11-15'										X	X	X		
-12	A-12-15'										X	X	X		
-13	A-13-15'										X	X	X		

Notes:

SAMPLE RECEIPT
☒ Intact ☐ Cold
☐ On Ice ☒ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:
Doug Phelps 6-20, 1520 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
6-20-07 4:25pm DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

Ambient & Intact

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195528

Sampler: Doug Phelps

Project No.: 050T_5023801 Report To: Greg Hoehn

Project Name: Kaiser - Broadway, Oakland Company: Secor

Project P.O.: Telephone: 925-299-9300

Turnaround Time: Standard Fax: 925-299-9302

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPH-g	BTEX	MTBE	TEPH	LUFT 6010
-14	A-14-15'	6-20, 1400hrs				1					x	x	x	x	x
-15	A-15-15'	↓				↓					↓	↓	↓	↓	↓
-16	A-16-15'														

Notes:

SAMPLE RECEIPT
Intact Cold
On Ice Ambient
Preservative Correct?
Yes No N/A

RELINQUISHED BY:

Doug Phelps 6-20 1630 DATE / TIME

DATE / TIME

DATE / TIME

RECEIVED BY:

DATE / TIME: 6.20.07 4:30 p.m.

DATE / TIME

DATE / TIME

SIGNATURE

Ambient & Intact

Subject: RE: 050T.50238.00 - C&T Login Summary (195528)
From: "Greg Hoehn" <ghoehn@secor.com>
Date: Thu, 21 Jun 2007 10:10:55 -0700
To: "Anne Kathain" <Anne@ctberk.com>

Anne:

Sorry to do this to you. All the IDs for the samples in this set should have a 1 after the A, i.e., A1-2-15' etc. Will you please make that change?

Thanks,

Greg Hoehn
Principal Geologist
SECOR - San Francisco
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Ph: (925) 299-9300
Fx: (925) 299-9302
Web: www.secor.com
Email: ghoehn@secor.com

From: Anne Kathain [mailto:Anne@ctberk.com]
Sent: Thursday, June 21, 2007 9:03 AM
To: Greg Hoehn
Subject: 050T.50238.00 - C&T Login Summary (195528)

C&T Login Summary for 195528

Project: 050T.50238.00	**Report To:** SECOR	**Bill To:**
Site: Kaiser - Oakland	57 Lafayette Circle	
Lab Login #: 195528	2nd Floor	
Report Due: 06/27/07	Lafayette, CA 94549-4321	
PO#:	ATTN: Greg Hoehn	
C&T Proj Mgr: Anne Kathain	(925) 299-9300	

Client ID	Lab ID	Sampled	Received	Matrix	Analyses	COC #	Comments
A-1-15'	001	06/20	06/20				
				Soil	8020MS		
				Soil	LUFT MET		
				Soil	TEHM		

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**195528**
Client:	**SECOR**
Project:	**050T.50238.00**
Location:	**Kaiser - Oakland**
Request Date:	**06/20/07**
Samples Received:	**06/20/07**

This hardcopy data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 06/20/07. The samples were received intact at ambient temperature.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
High surrogate recovery was observed for bromofluorobenzene (FID) in A1-14-15' (lab # 195528-014); the corresponding trifluorotoluene (FID) surrogate recovery was within limits. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
Low recoveries were observed for ethylbenzene and m,p-xylenes in the MS/MSD of A1-4-15' (lab # 195528-004); the BS/BSD were within limits, and the associated RPDs were within limits. No other analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126543
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07

Field ID: A1-1-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/21/07
Lab ID: 195528-001

Analyte	Result	RL
Gasoline C7-C12	4.9 H	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	111	66-138

Field ID: A1-2-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/21/07
Lab ID: 195528-002

Analyte	Result	RL
Gasoline C7-C12	8.3 H	0.94

Surrogate	%REC	Limits
Trifluorotoluene (FID)	106	70-132
Bromofluorobenzene (FID)	113	66-138

Field ID: A1-3-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/21/07
Lab ID: 195528-003

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	109	70-132
Bromofluorobenzene (FID)	117	66-138

Field ID: A1-4-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/21/07
Lab ID: 195528-004

Analyte	Result	RL
Gasoline C7-C12	4.1 H	0.94

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	70-132
Bromofluorobenzene (FID)	114	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126543
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07

Field ID: A1-5-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-005

Analyte	Result	RL
Gasoline C7-C12	6.1 H	0.95

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	70-132
Bromofluorobenzene (FID)	112	66-138

Field ID: A1-6-15' | Diln Fac: 5.000
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-006

Analyte	Result	RL
Gasoline C7-C12	100 H	5.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	70-132
Bromofluorobenzene (FID)	124	66-138

Field ID: A1-7-15' | Diln Fac: 20.00
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-007

Analyte	Result	RL
Gasoline C7-C12	490 H	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	124	70-132
Bromofluorobenzene (FID)	122	66-138

Field ID: A1-8-15' | Diln Fac: 100.0
Type: SAMPLE | Analyzed: 06/21/07
Lab ID: 195528-008

Analyte	Result	RL
Gasoline C7-C12	3,600 H	100

Surrogate	%REC	Limits
Trifluorotoluene (FID)	115	70-132
Bromofluorobenzene (FID)	121	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126543
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07

Field ID: A1-9-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-009

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	70-132
Bromofluorobenzene (FID)	106	66-138

Field ID: A1-10-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-010

Analyte	Result	RL
Gasoline C7-C12	15 H	0.99

Surrogate	%REC	Limits
Trifluorotoluene (FID)	115	70-132
Bromofluorobenzene (FID)	118	66-138

Field ID: A1-11-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-011

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	70-132
Bromofluorobenzene (FID)	115	66-138

Field ID: A1-12-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-012

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	106	70-132
Bromofluorobenzene (FID)	112	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126543
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07

Field ID: A1-13-15' | Diln Fac: 1.000
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-013

Analyte	Result	RL
Gasoline C7-C12	2.8 H	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	70-132
Bromofluorobenzene (FID)	117	66-138

Field ID: A1-14-15' | Diln Fac: 10.00
Type: SAMPLE | Analyzed: 06/22/07
Lab ID: 195528-014

Analyte	Result	RL
Gasoline C7-C12	190 H	10

Surrogate	%REC	Limits
Trifluorotoluene (FID)	127	70-132
Bromofluorobenzene (FID)	154 *	66-138

Field ID: A1-15-15' | Diln Fac: 50.00
Type: SAMPLE | Analyzed: 06/21/07
Lab ID: 195528-015

Analyte	Result	RL
Gasoline C7-C12	580 H	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	70-132
Bromofluorobenzene (FID)	121	66-138

Field ID: A1-16-15' | Diln Fac: 50.00
Type: SAMPLE | Analyzed: 06/21/07
Lab ID: 195528-016

Analyte	Result	RL
Gasoline C7-C12	880	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	70-132
Bromofluorobenzene (FID)	111	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126543
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC393280	Analyzed:	06/21/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	70-132
Bromofluorobenzene (FID)	108	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC393281	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126543
Units:	mg/Kg	Analyzed:	06/21/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	10.44	104	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	70-132
Bromofluorobenzene (FID)	108	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A1-11-15'	Diln Fac:	1.000
MSS Lab ID:	195528-011	Batch#:	126543
Matrix:	Soil	Sampled:	06/20/07
Units:	mg/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Type: MS Lab ID: QC393282

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.9664	10.00	9.413	84	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	109	66-138

Type: MSD Lab ID: QC393283

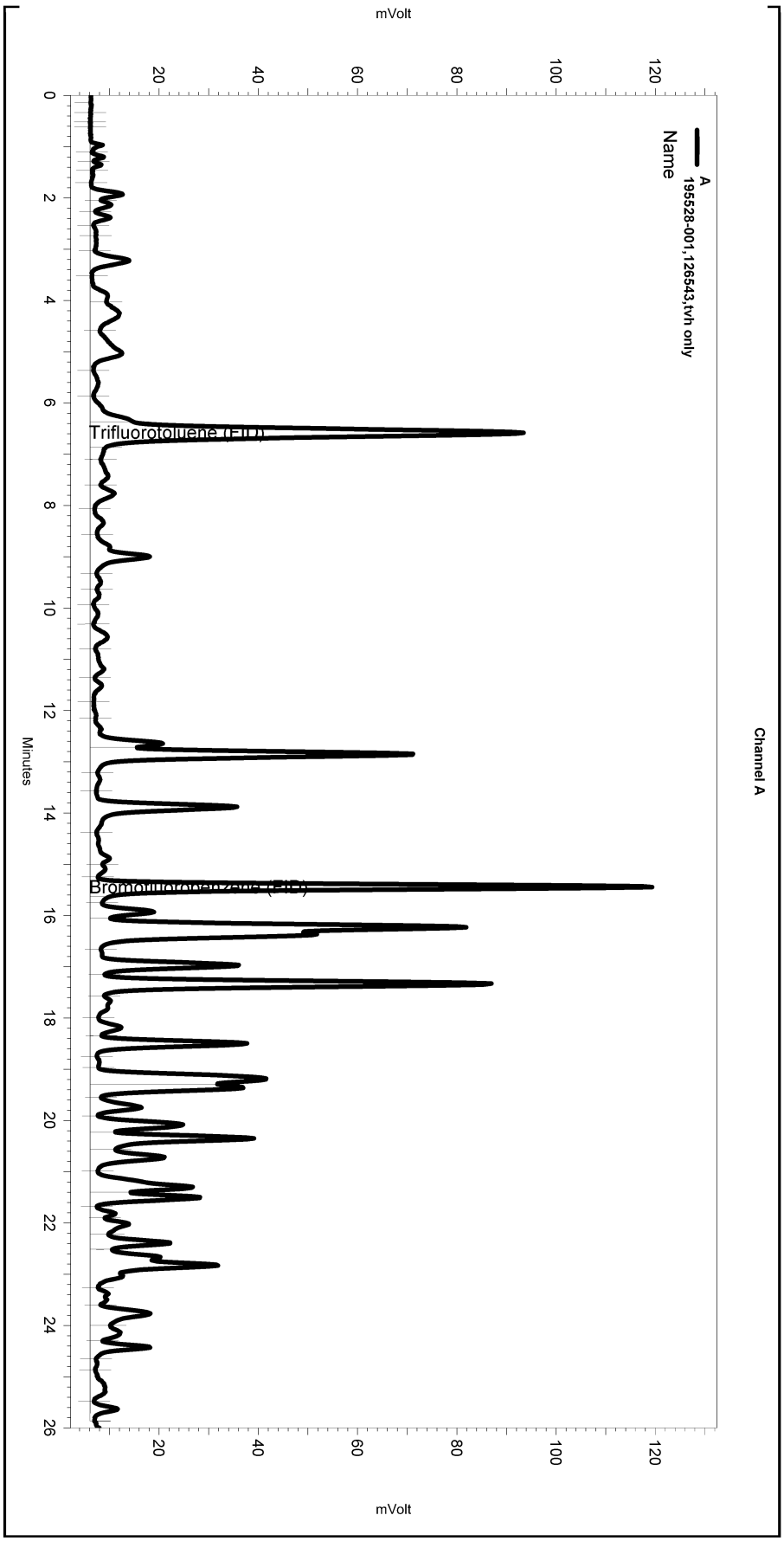
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.20	8.745	76	36-120	9	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	70-132
Bromofluorobenzene (FID)	114	66-138

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-001,126543,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_012**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/21/2007 7:46:52 PM
Analysis Date: 6/22/2007 8:22:43 AM
Sample Amount: 0.95 Multiplier: 0.95
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_012

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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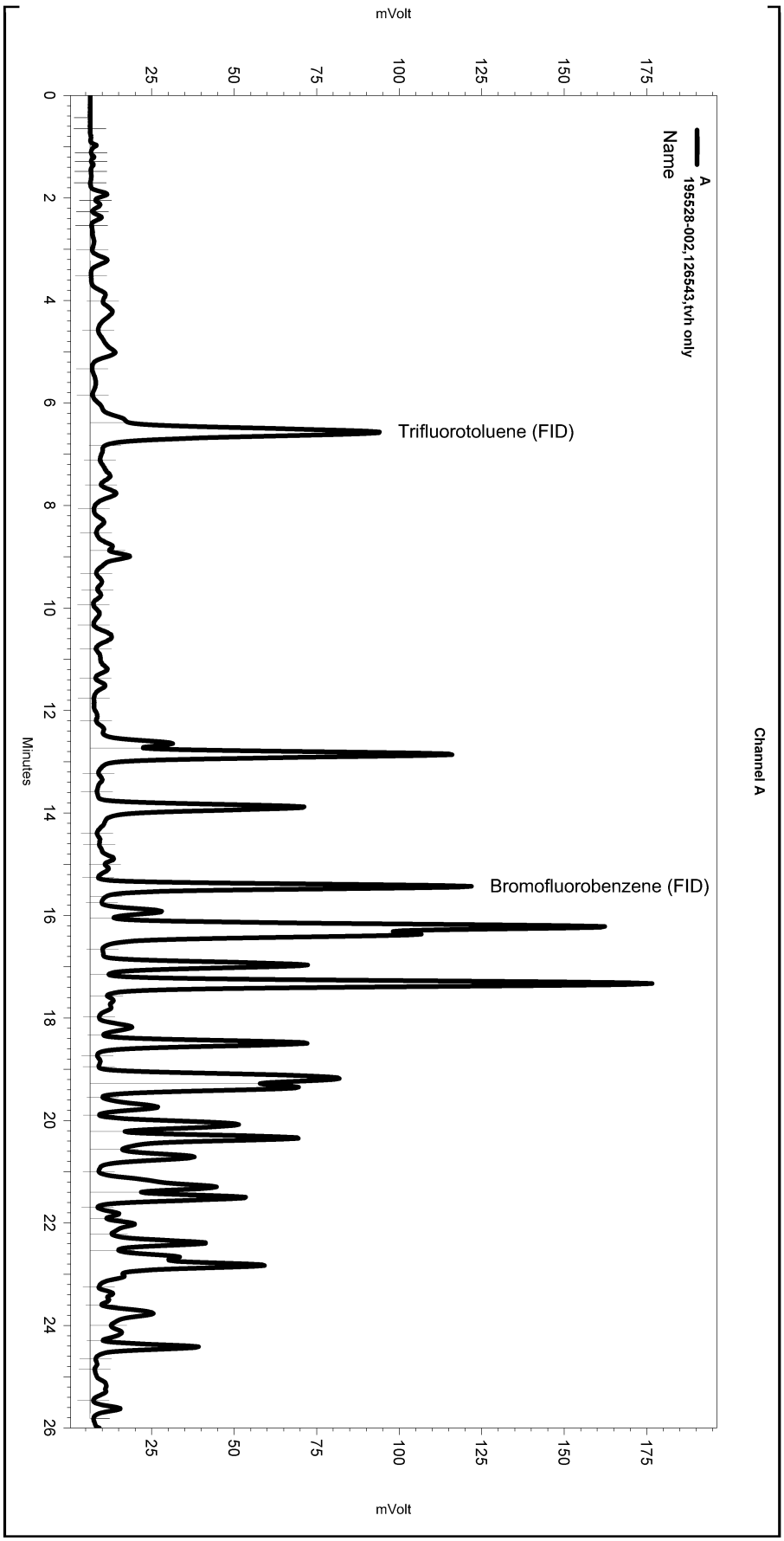
Yes	Split Peak	6.365	0	0
Yes	Split Peak	6.863	0	0
Yes	Split Peak	15.632	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-002,126543,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_016**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/21/2007 10:12:04 PM
Analysis Date: 6/22/2007 8:22:57 AM
Sample Amount: 1.06 Multiplier: 1.06
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

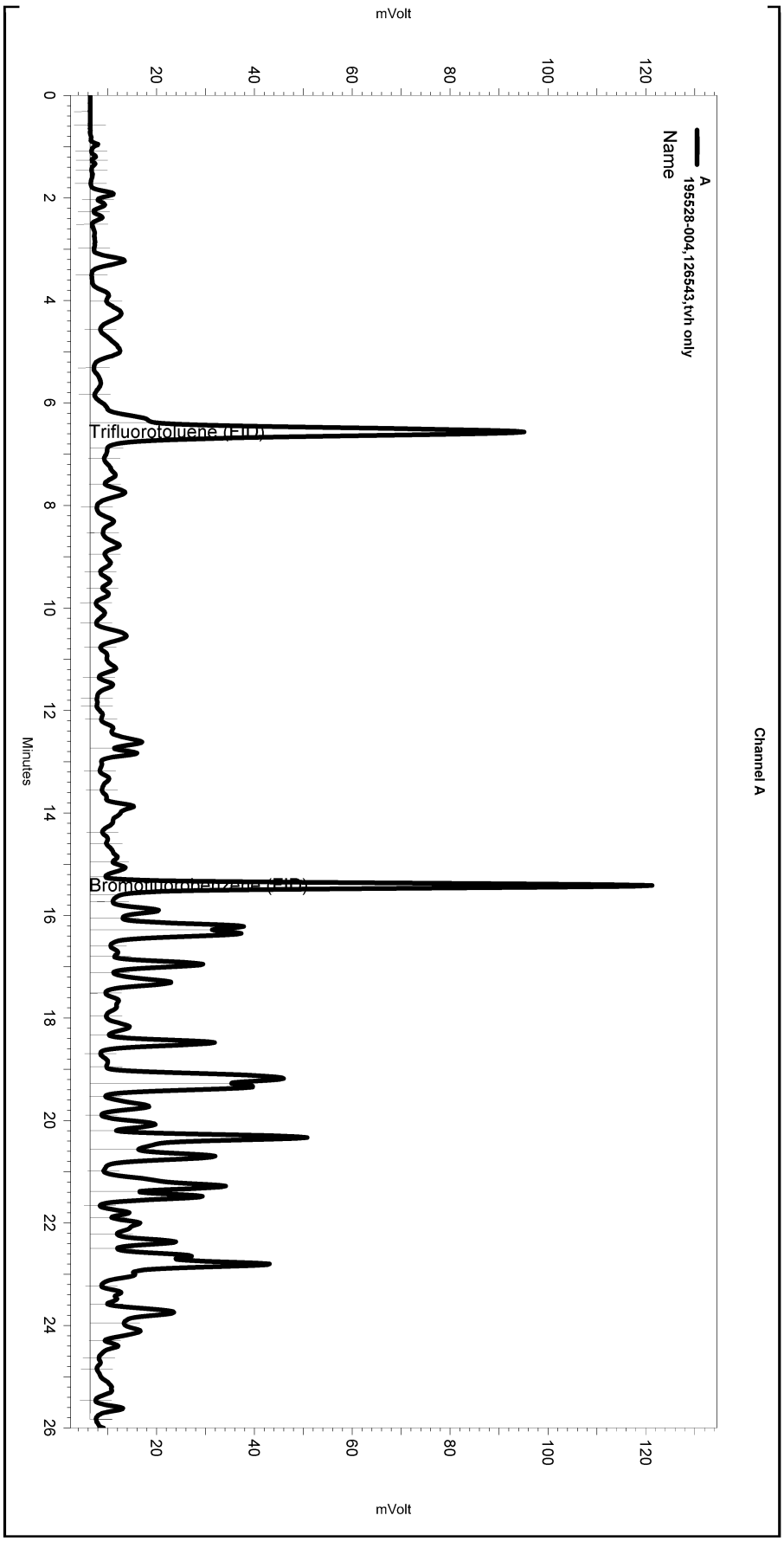
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_016

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.377	0	0
Yes	Split Peak	6.839	0	0
Yes	Split Peak	15.625	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-004,126543,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_018**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/21/2007 11:24:16 PM
Analysis Date: 6/22/2007 8:23:04 AM
Sample Amount: 1.06 Multiplier: 1.06
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

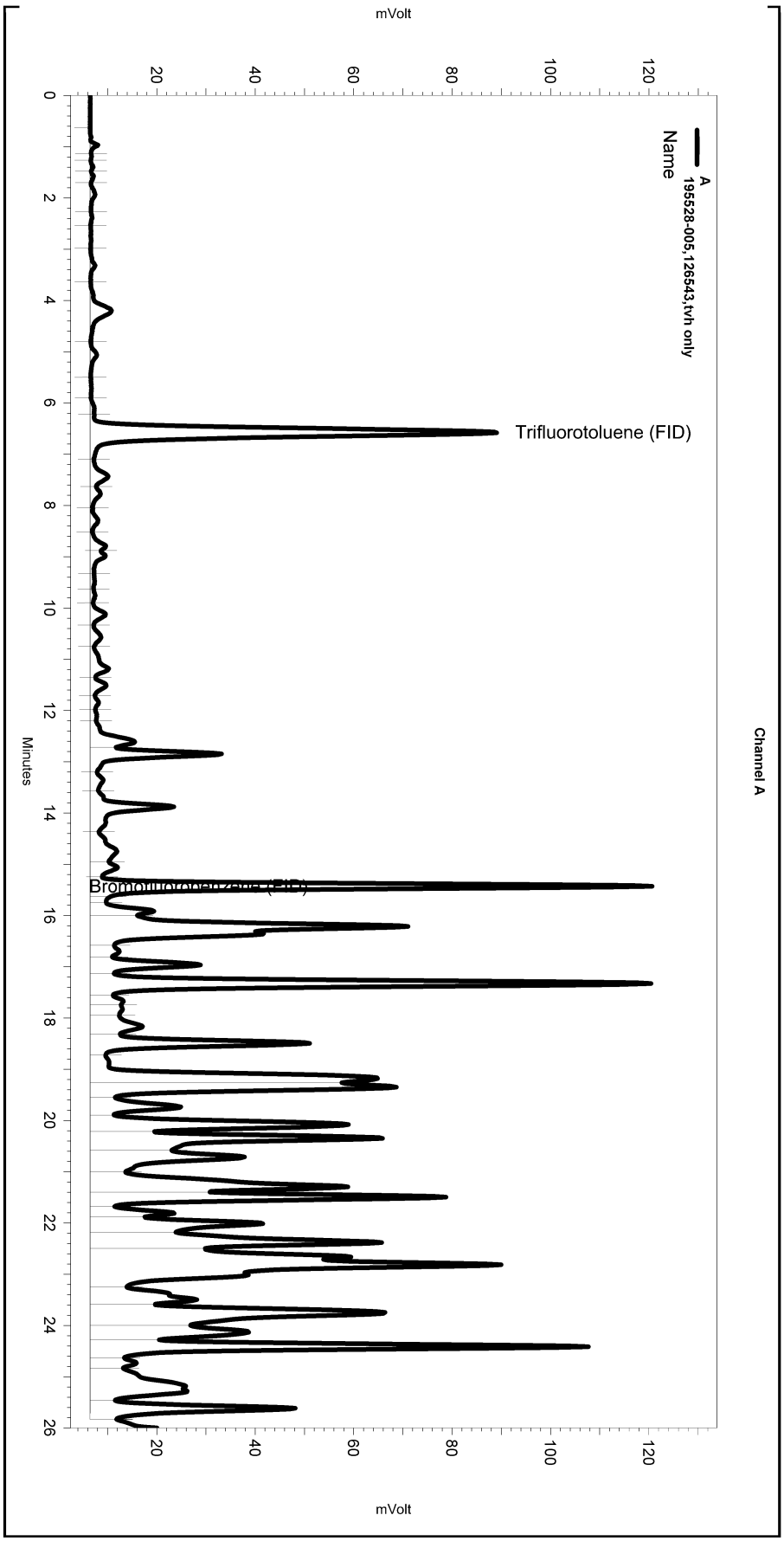
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_018

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.382	0	0
Yes	Split Peak	6.886	0	0
Yes	Split Peak	15.595	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-005,126543,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_019**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/22/2007 12:00:45 AM
Analysis Date: 6/22/2007 8:23:08 AM
Sample Amount: 1.05 Multiplier: 1.05
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

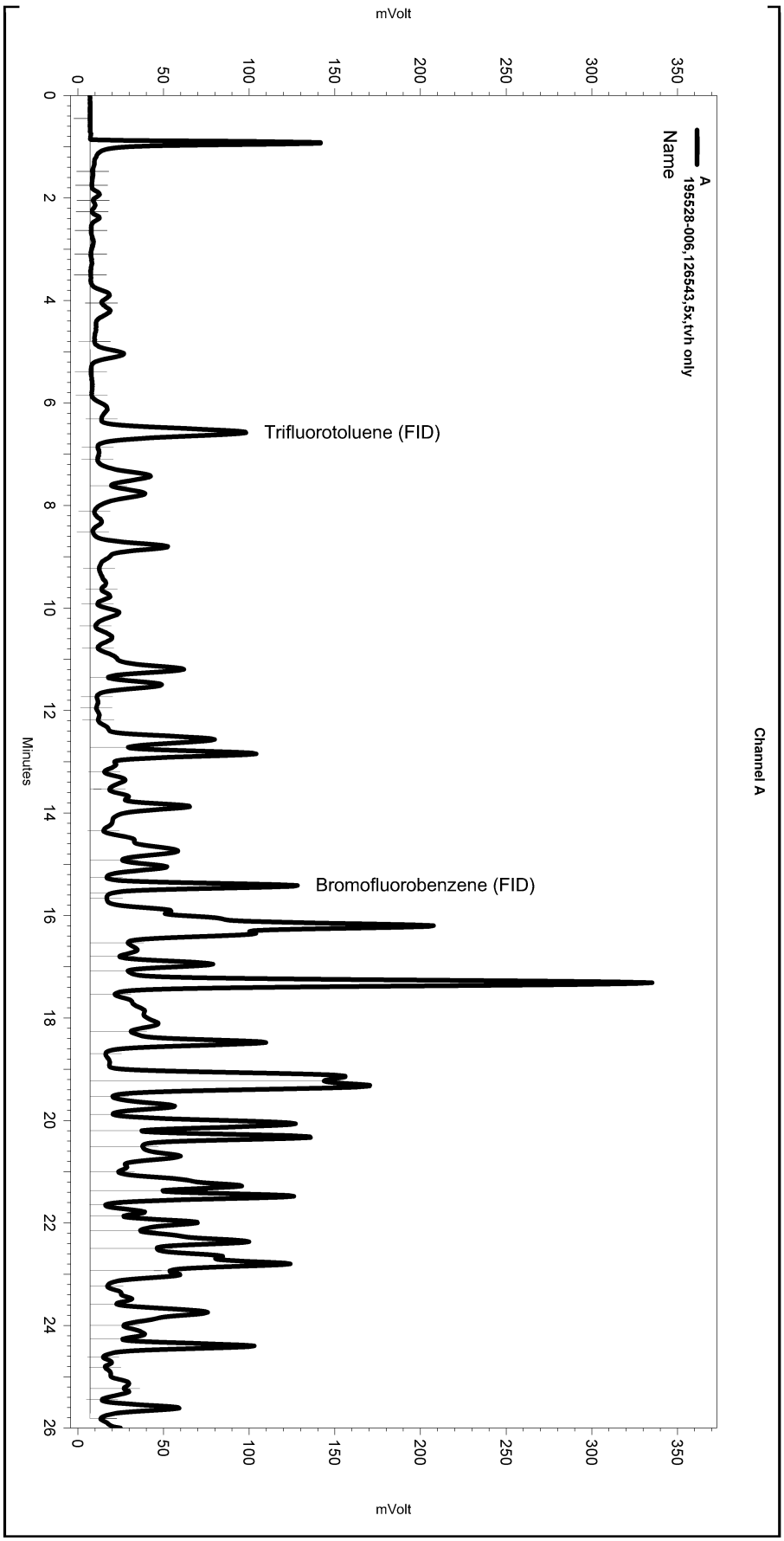
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_019

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	15.63	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-006,126543,5x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_031**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/22/2007 9:45:00 AM
Analysis Date: 6/22/2007 10:15:57 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

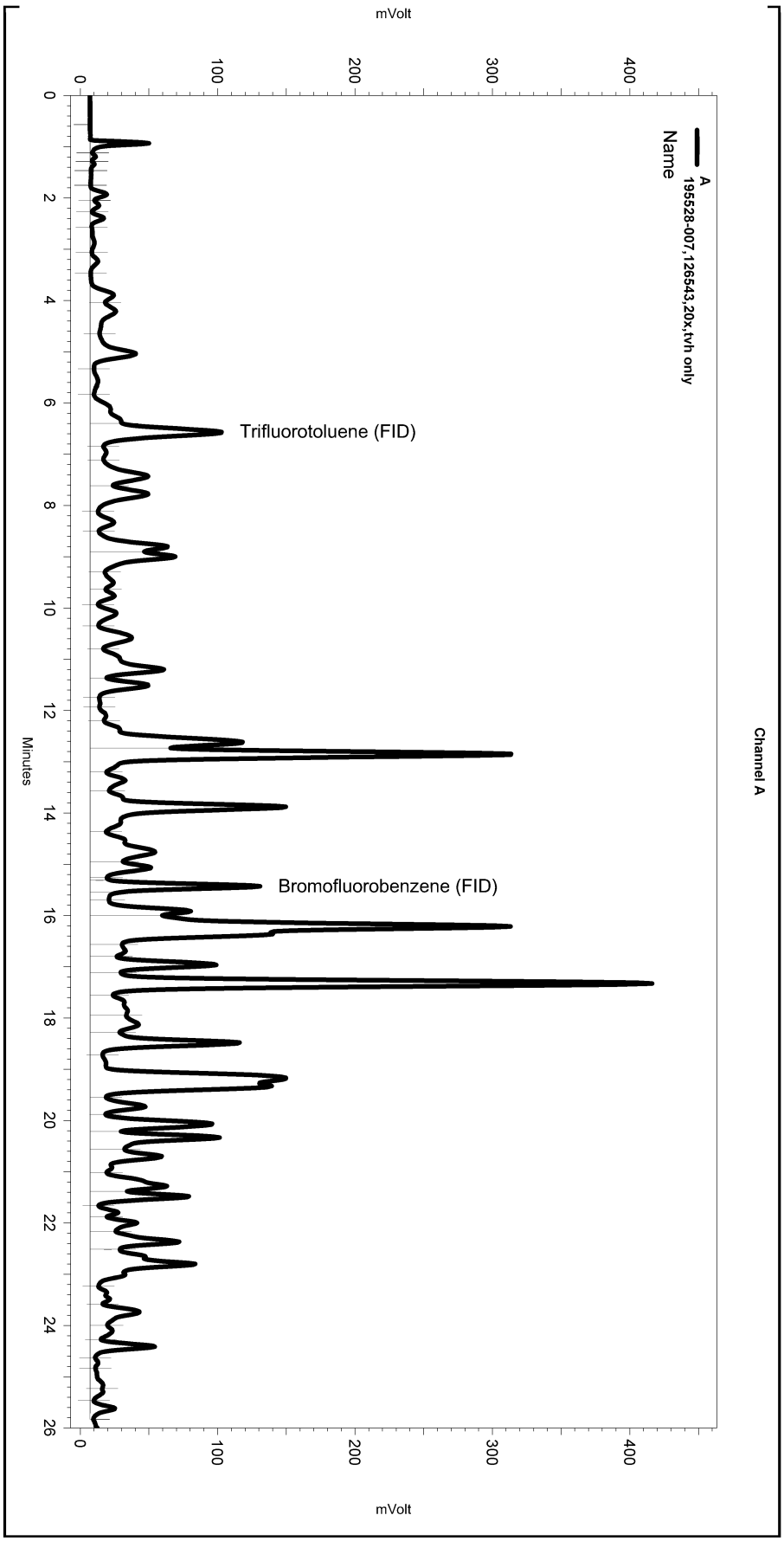
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_031

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.013	0
Yes	Split Peak	15.566	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-007,126543,20x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_032**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/22/2007 10:21:19 AM
Analysis Date: 6/22/2007 10:51:53 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

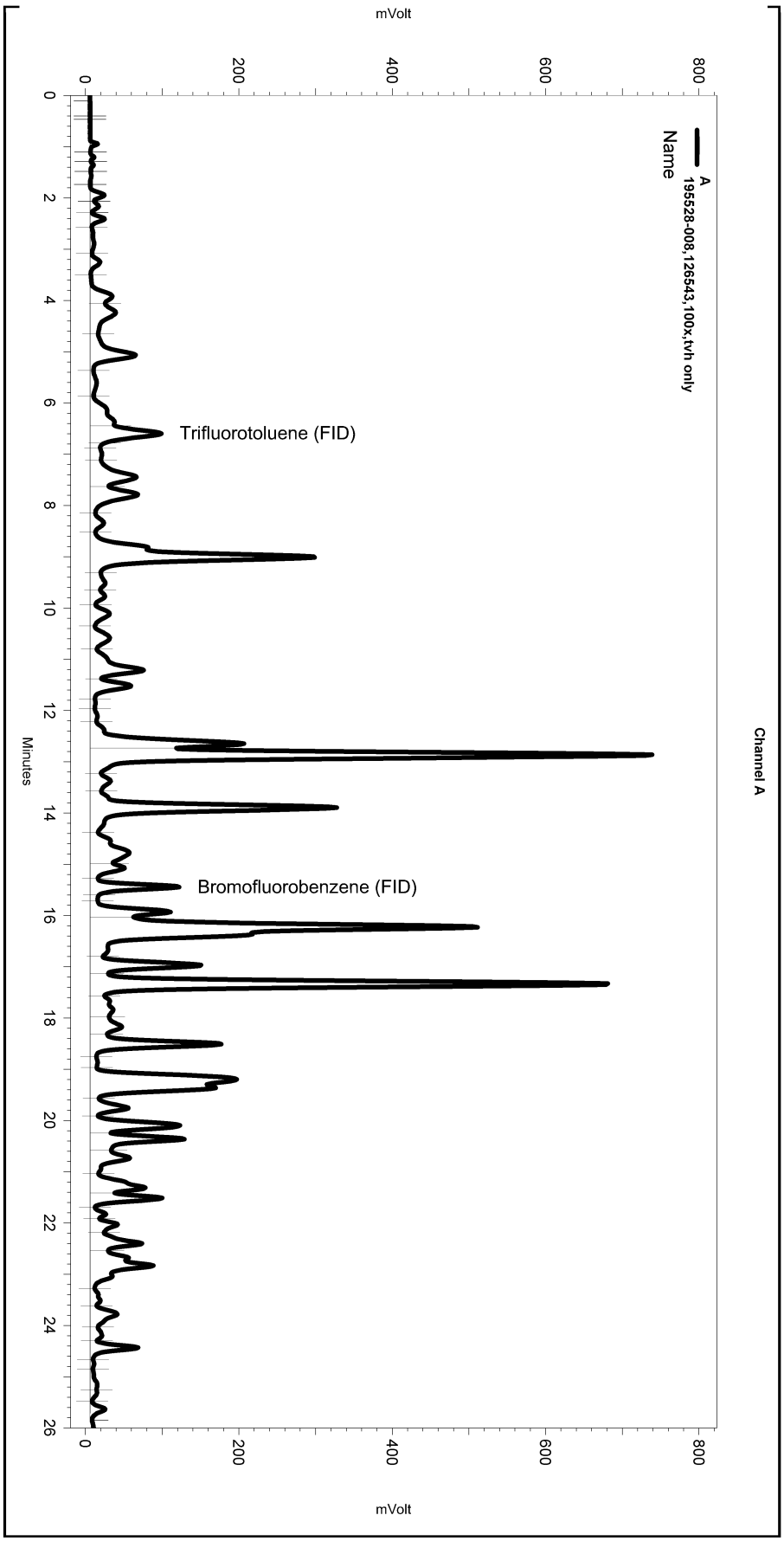
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_032

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.404	0	0
Yes	Split Peak	15.31	0	0
Yes	Split Peak	15.549	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-008,126543,100x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_008**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/21/2007 4:34:38 PM
Analysis Date: 6/22/2007 8:22:28 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

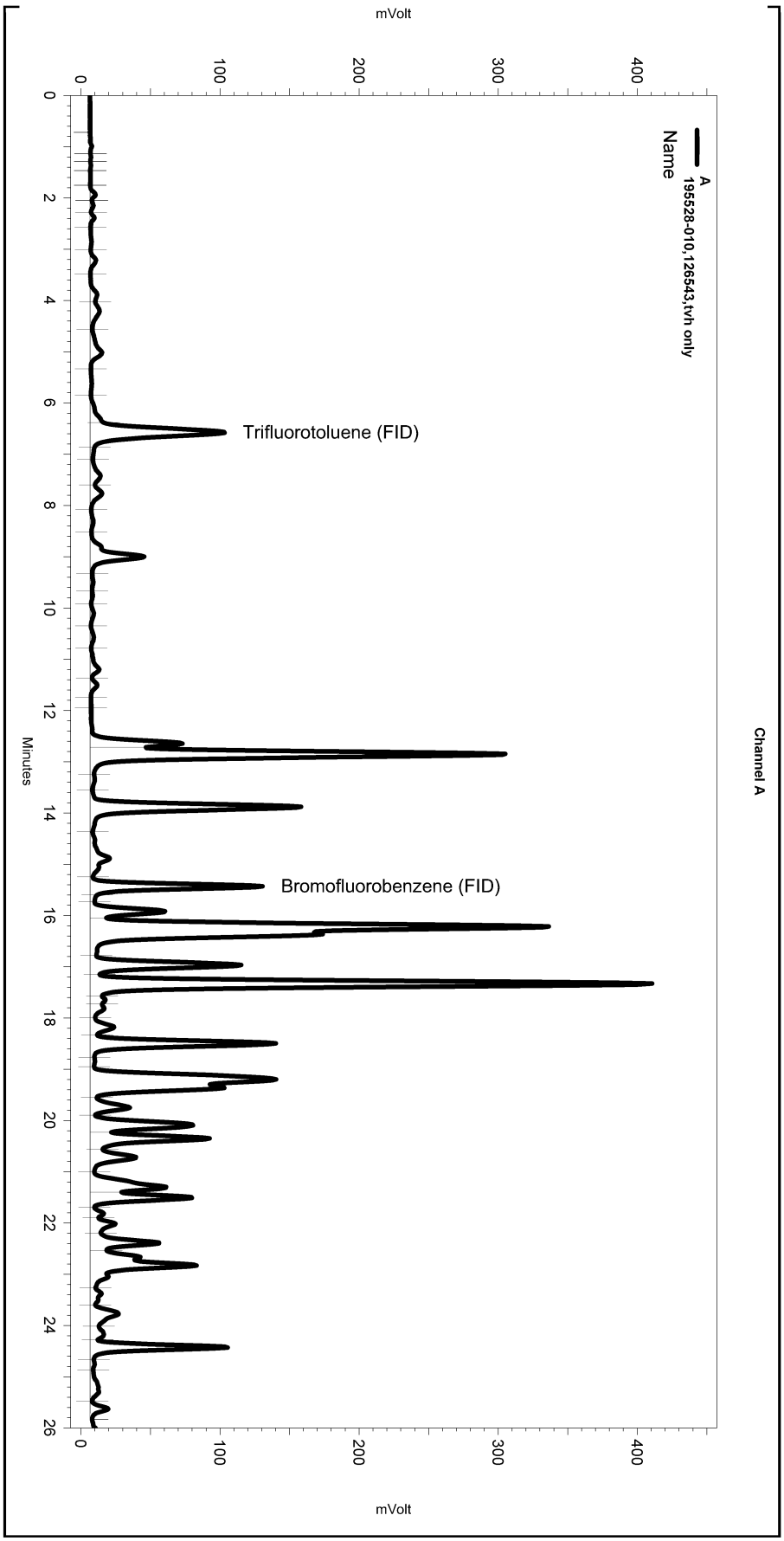
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_008

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.448	0	0
Yes	Split Peak	6.788	0	0
Yes	Split Peak	15.592	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-010,126543,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_023**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/22/2007 2:25:30 AM
Analysis Date: 6/22/2007 8:23:22 AM
Sample Amount: 1.01 Multiplier: 1.01
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

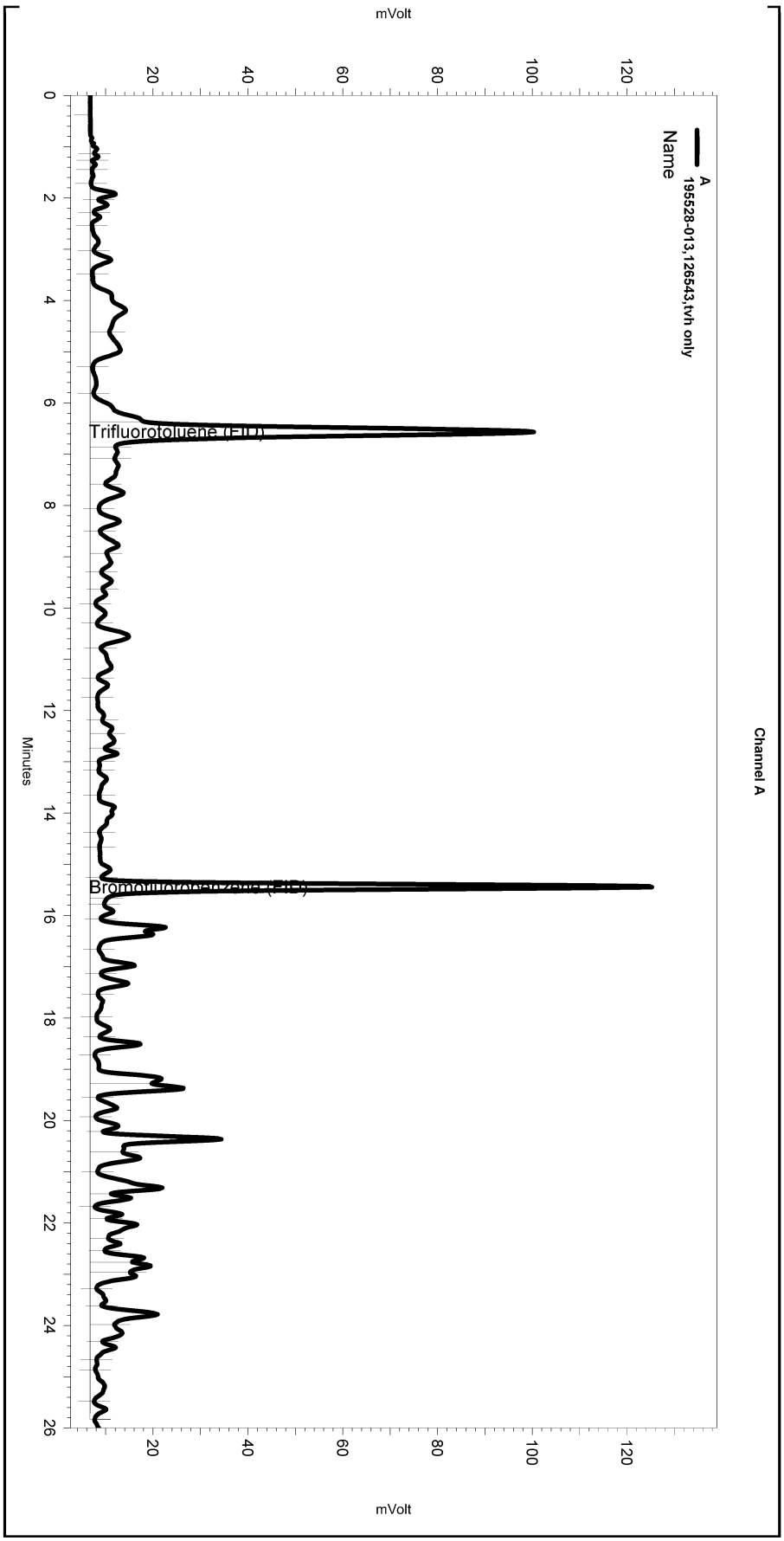
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_023

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.375	0	0
Yes	Split Peak	6.861	0	0
Yes	Split Peak	15.6	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-013,126543,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_028**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/22/2007 5:26:49 AM
Analysis Date: 6/22/2007 8:23:41 AM
Sample Amount: 0.99 Multiplier: 0.99
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

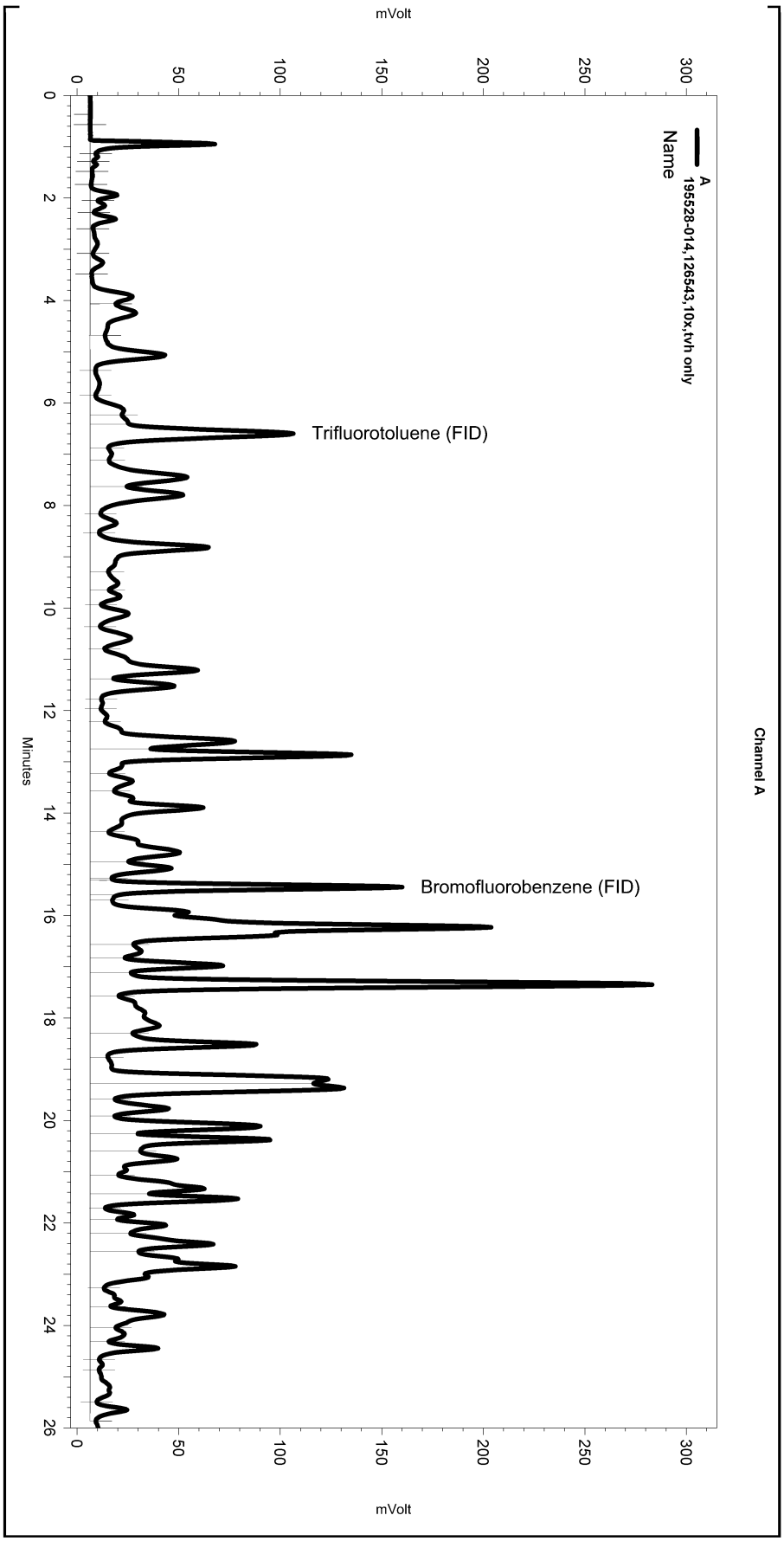
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_028

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.361	0	0
Yes	Split Peak	15.669	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-014,126543,10x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_029**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/22/2007 8:09:19 AM
Analysis Date: 6/22/2007 9:07:43 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

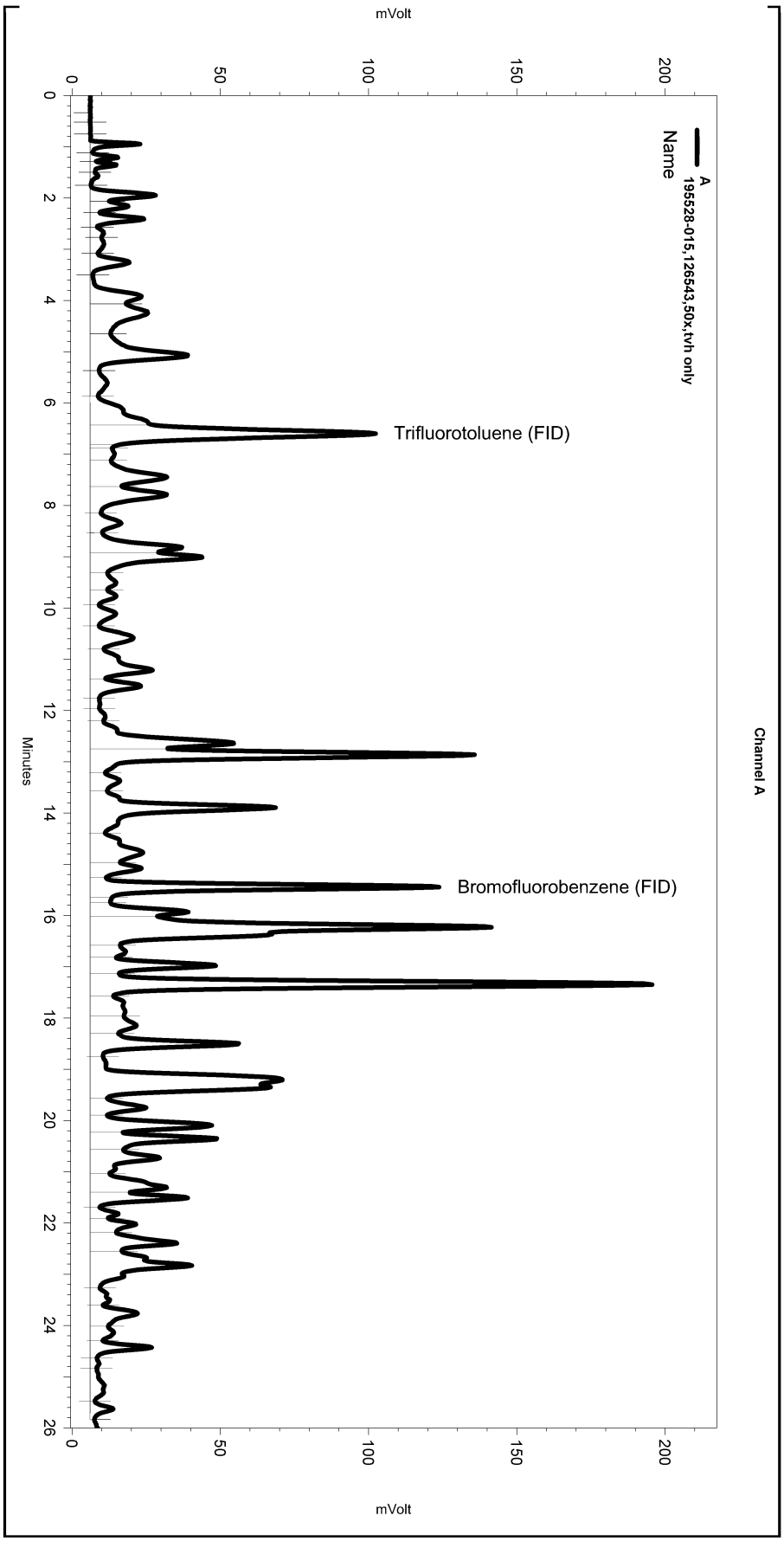
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_029

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.411	0	0
Yes	Split Peak	15.323	0	0
Yes	Split Peak	15.594	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-015,126543,50x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_006**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/21/2007 3:21:59 PM
Analysis Date: 6/22/2007 8:22:21 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

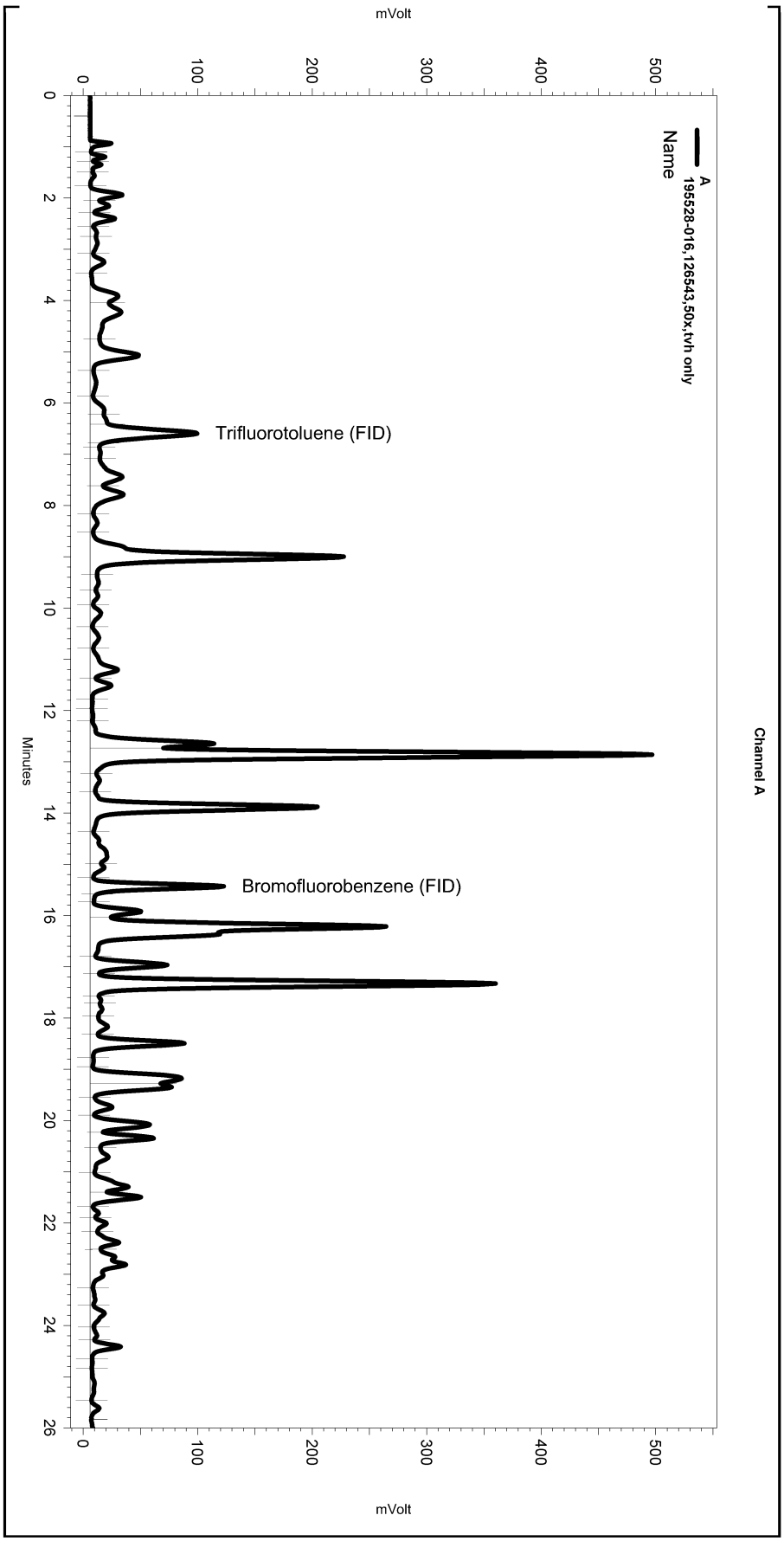
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_006

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.43	0	0
Yes	Split Peak	6.817	0	0
Yes	Split Peak	15.653	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **195528-016,126543,50x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_007**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/21/2007 3:58:20 PM
Analysis Date: 6/22/2007 8:22:25 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

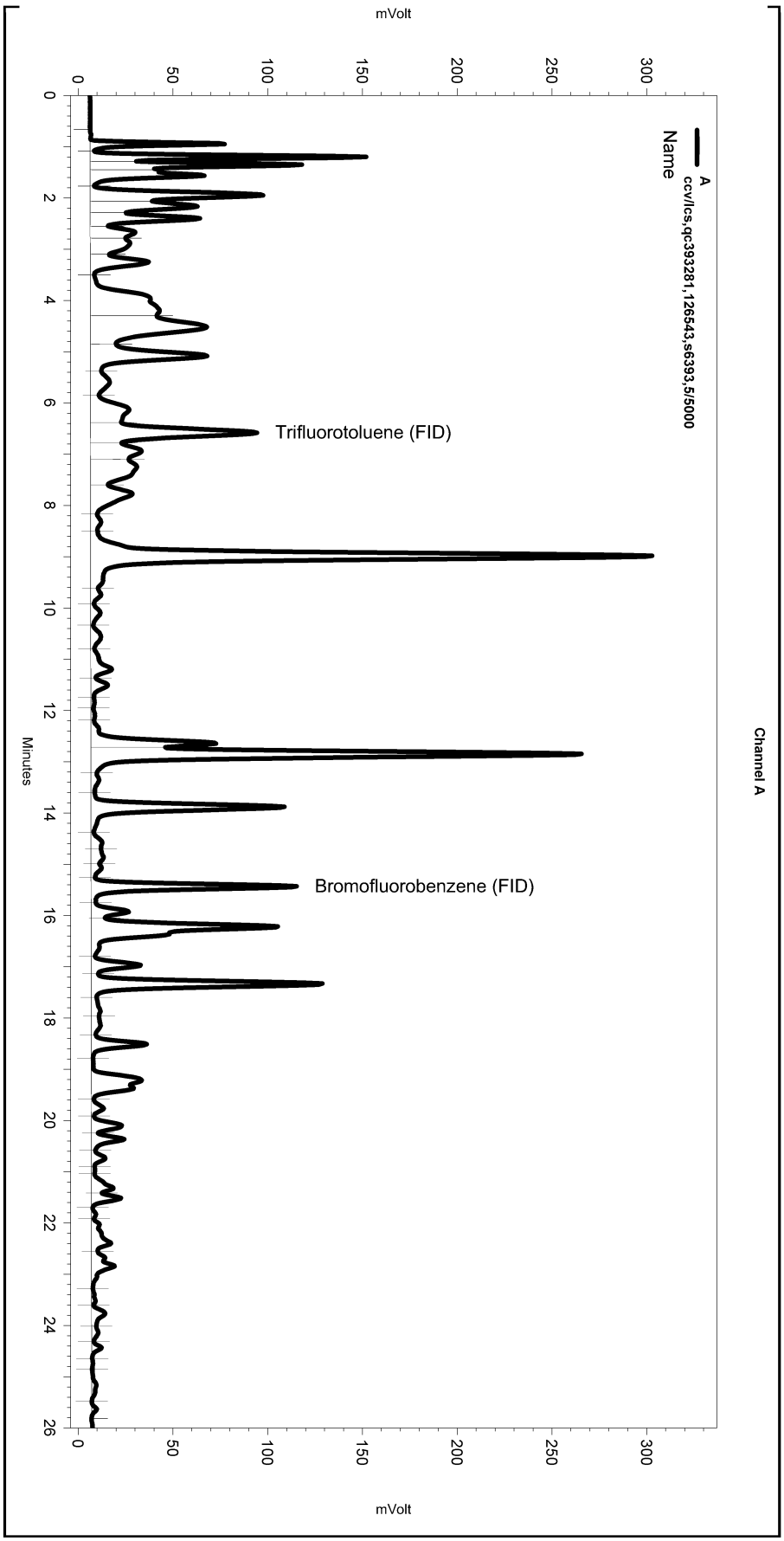
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_007

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	6.409	0	0
Yes	Split Peak	6.782	0	0
Yes	Split Peak	15.588	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC07\Sequence\172.seq**
Sample Name: **ccv/lcs,qc393281,126543,s6393,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC07\Data\172_002**
Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe121.met

Software Version 3.1.7
Run Date: 6/21/2007 11:01:05 AM
Analysis Date: 6/22/2007 8:22:04 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\172_002

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126592
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07
Diln Fac:	1.000	Prepared:	06/23/07

Field ID: A1-1-15' Lab ID: 195528-001
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	97 H L Y	0.99
Motor Oil C24-C36	350 H L	5.0

Surrogate	%REC	Limits
Hexacosane	88	40-127

Field ID: A1-2-15' Lab ID: 195528-002
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	84 H L Y	1.0
Motor Oil C24-C36	280 H L	5.0

Surrogate	%REC	Limits
Hexacosane	91	40-127

Field ID: A1-3-15' Lab ID: 195528-003
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	24 H L Y	0.99
Motor Oil C24-C36	69 H L	5.0

Surrogate	%REC	Limits
Hexacosane	73	40-127

Field ID: A1-4-15' Lab ID: 195528-004
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	76 H L Y	0.99
Motor Oil C24-C36	250 H L	5.0

Surrogate	%REC	Limits
Hexacosane	80	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126592
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07
Diln Fac:	1.000	Prepared:	06/23/07

Field ID: A1-5-15' Lab ID: 195528-005
Type: SAMPLE Analyzed: 06/26/07

Analyte	Result	RL
Diesel C10-C24	24 H L Y	1.0
Motor Oil C24-C36	20 H L	5.0

Surrogate	%REC	Limits
Hexacosane	99	40-127

Field ID: A1-6-15' Lab ID: 195528-006
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	27 H L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	76	40-127

Field ID: A1-7-15' Lab ID: 195528-007
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	95 H L Y	1.0
Motor Oil C24-C36	13 L	5.0

Surrogate	%REC	Limits
Hexacosane	86	40-127

Field ID: A1-8-15' Lab ID: 195528-008
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	520 H L Y	1.0
Motor Oil C24-C36	13 L	5.0

Surrogate	%REC	Limits
Hexacosane	74	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126592
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07
Diln Fac:	1.000	Prepared:	06/23/07

Field ID: A1-9-15' Lab ID: 195528-009
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	100 H L Y	0.99
Motor Oil C24-C36	400 H L	5.0

Surrogate	%REC	Limits
Hexacosane	83	40-127

Field ID: A1-10-15' Lab ID: 195528-010
Type: SAMPLE Analyzed: 06/26/07

Analyte	Result	RL
Diesel C10-C24	130 H L Y	1.0
Motor Oil C24-C36	480 H L	5.0

Surrogate	%REC	Limits
Hexacosane	82	40-127

Field ID: A1-11-15' Lab ID: 195528-011
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	92 H L Y	1.0
Motor Oil C24-C36	340 H L	5.0

Surrogate	%REC	Limits
Hexacosane	71	40-127

Field ID: A1-12-15' Lab ID: 195528-012
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	48 H L Y	1.0
Motor Oil C24-C36	190 H L	5.0

Surrogate	%REC	Limits
Hexacosane	88	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126592
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07
Diln Fac:	1.000	Prepared:	06/23/07

Field ID: A1-13-15' Lab ID: 195528-013
Type: SAMPLE Analyzed: 06/26/07

Analyte	Result	RL
Diesel C10-C24	55 H L Y	0.99
Motor Oil C24-C36	170 H L	5.0

Surrogate	%REC	Limits
Hexacosane	98	40-127

Field ID: A1-14-15' Lab ID: 195528-014
Type: SAMPLE Analyzed: 06/26/07

Analyte	Result	RL
Diesel C10-C24	92 H L Y	0.99
Motor Oil C24-C36	21 L	5.0

Surrogate	%REC	Limits
Hexacosane	104	40-127

Field ID: A1-15-15' Lab ID: 195528-015
Type: SAMPLE Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	170 H L Y	0.99
Motor Oil C24-C36	7.3 L	5.0

Surrogate	%REC	Limits
Hexacosane	71	40-127

Field ID: A1-16-15' Lab ID: 195528-016
Type: SAMPLE Analyzed: 06/26/07

Analyte	Result	RL
Diesel C10-C24	160 H L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	83	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	126592
Units:	mg/Kg	Sampled:	06/20/07
Basis:	as received	Received:	06/20/07
Diln Fac:	1.000	Prepared:	06/23/07

Type: BLANK
Lab ID: QC393499

Analyzed: 06/25/07

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	104	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC393500	Batch#:	126592
Matrix:	Soil	Prepared:	06/23/07
Units:	mg/Kg	Analyzed:	06/25/07
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.83	48.37	97	58-127

Surrogate	%REC	Limits
Hexacosane	97	40-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A1-8-15'	Batch#:	126592
MSS Lab ID:	195528-008	Sampled:	06/20/07
Matrix:	Soil	Received:	06/20/07
Units:	mg/Kg	Prepared:	06/23/07
Basis:	as received	Analyzed:	06/25/07
Diln Fac:	1.000		

Type: MS Lab ID: QC393501

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	521.9	49.95	575.8	108 NM	29-147

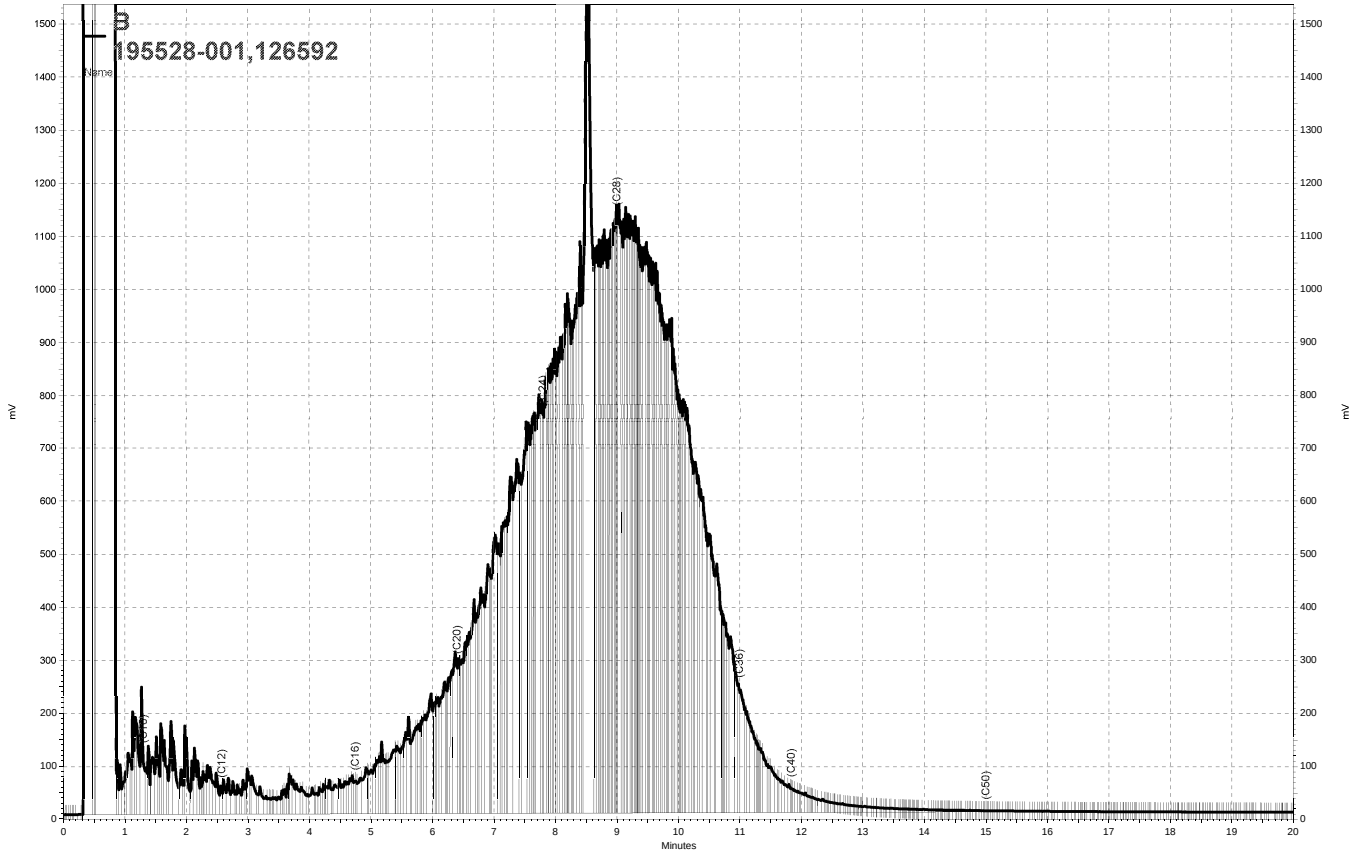
Surrogate	%REC	Limits
Hexacosane	86	40-127

Type: MSD Lab ID: QC393502

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.89	633.3	223 NM	29-147	10	46

Surrogate	%REC	Limits
Hexacosane	85	40-127

NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference



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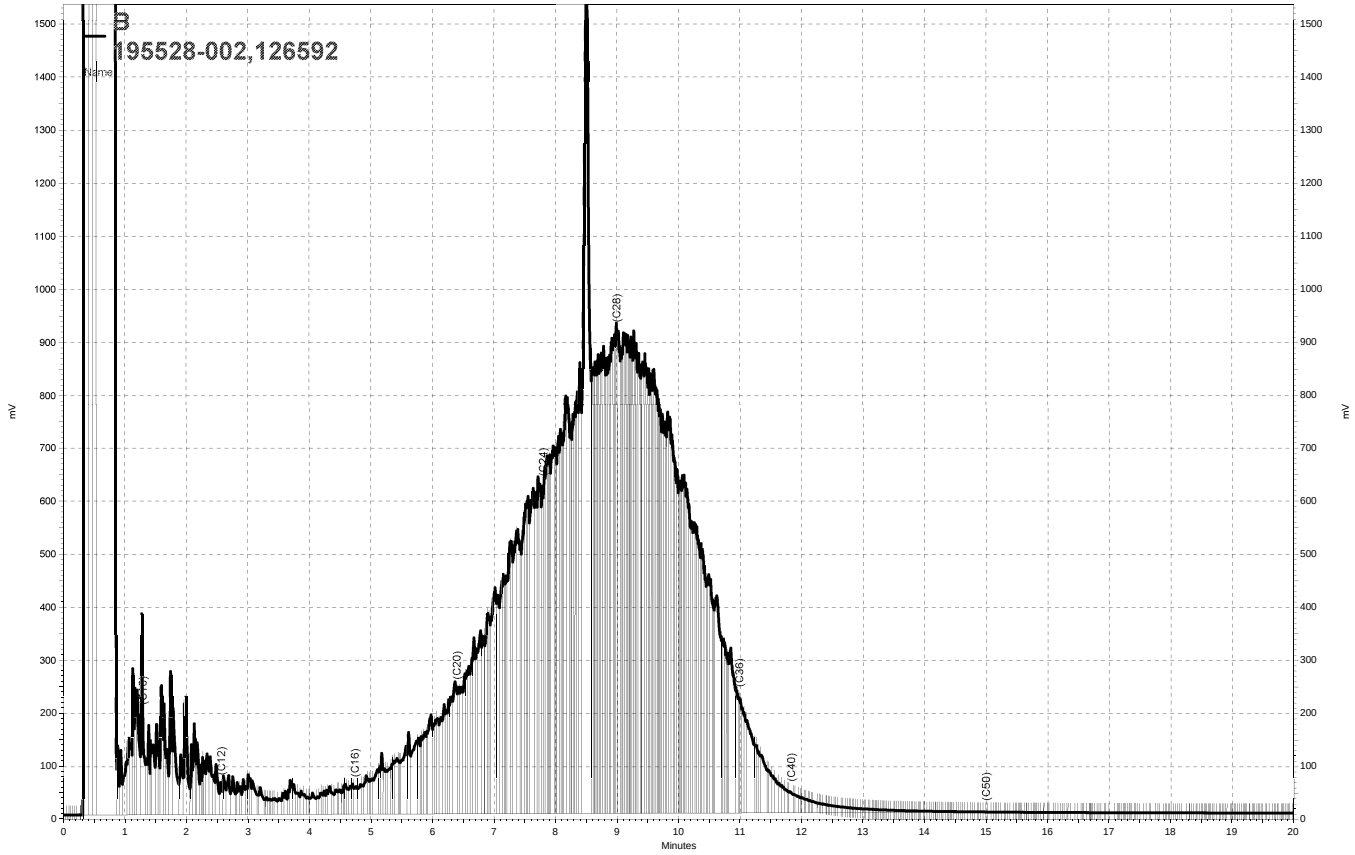

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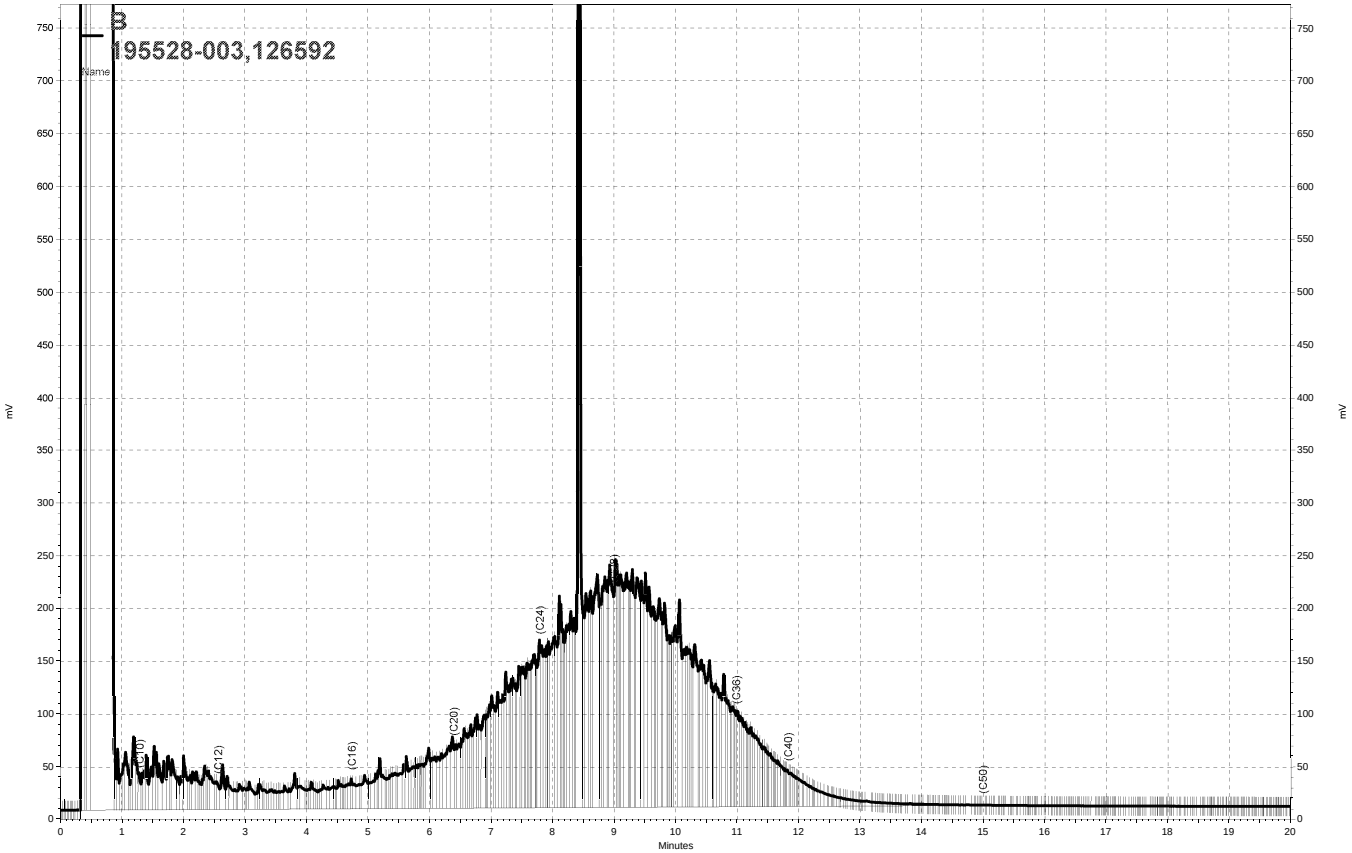

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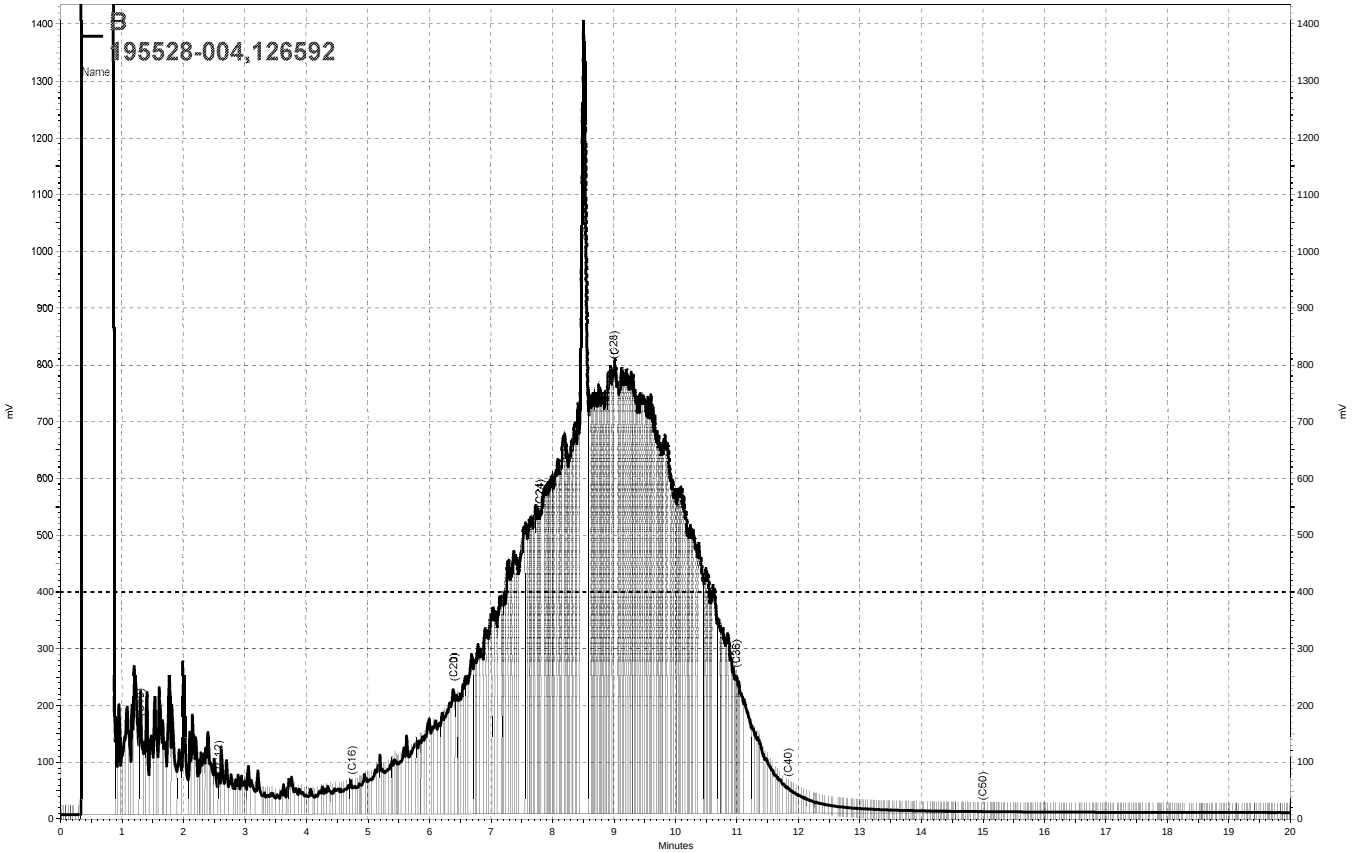

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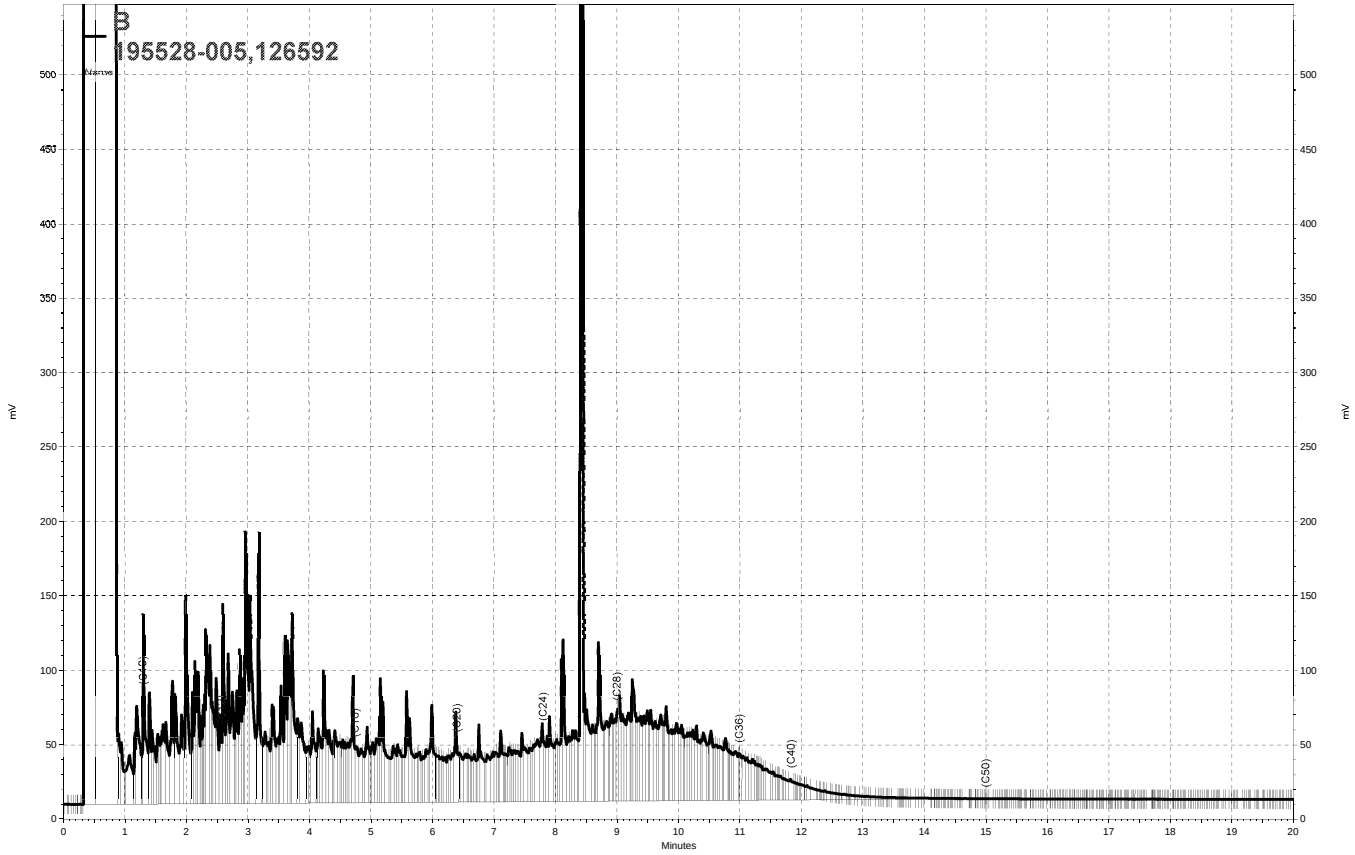

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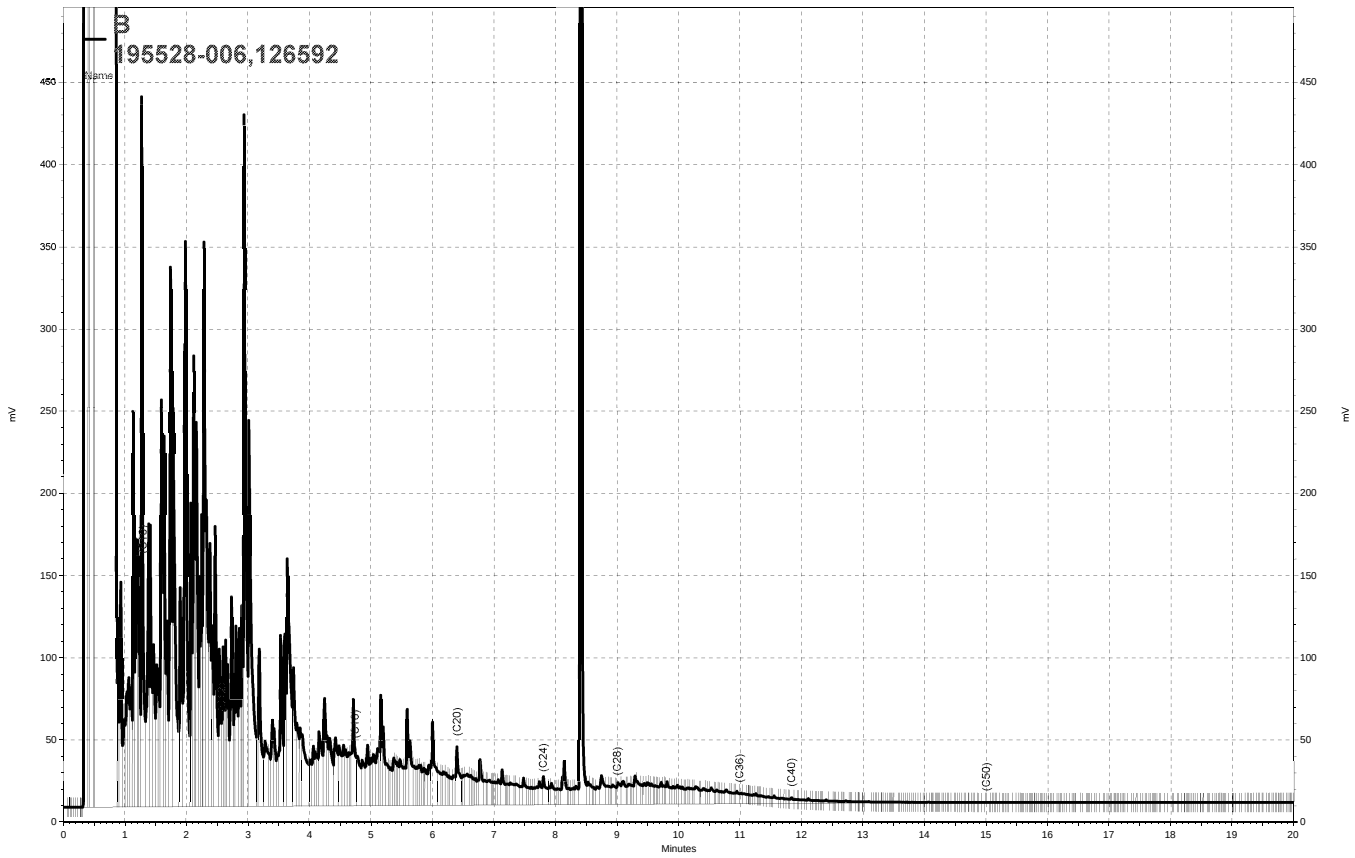

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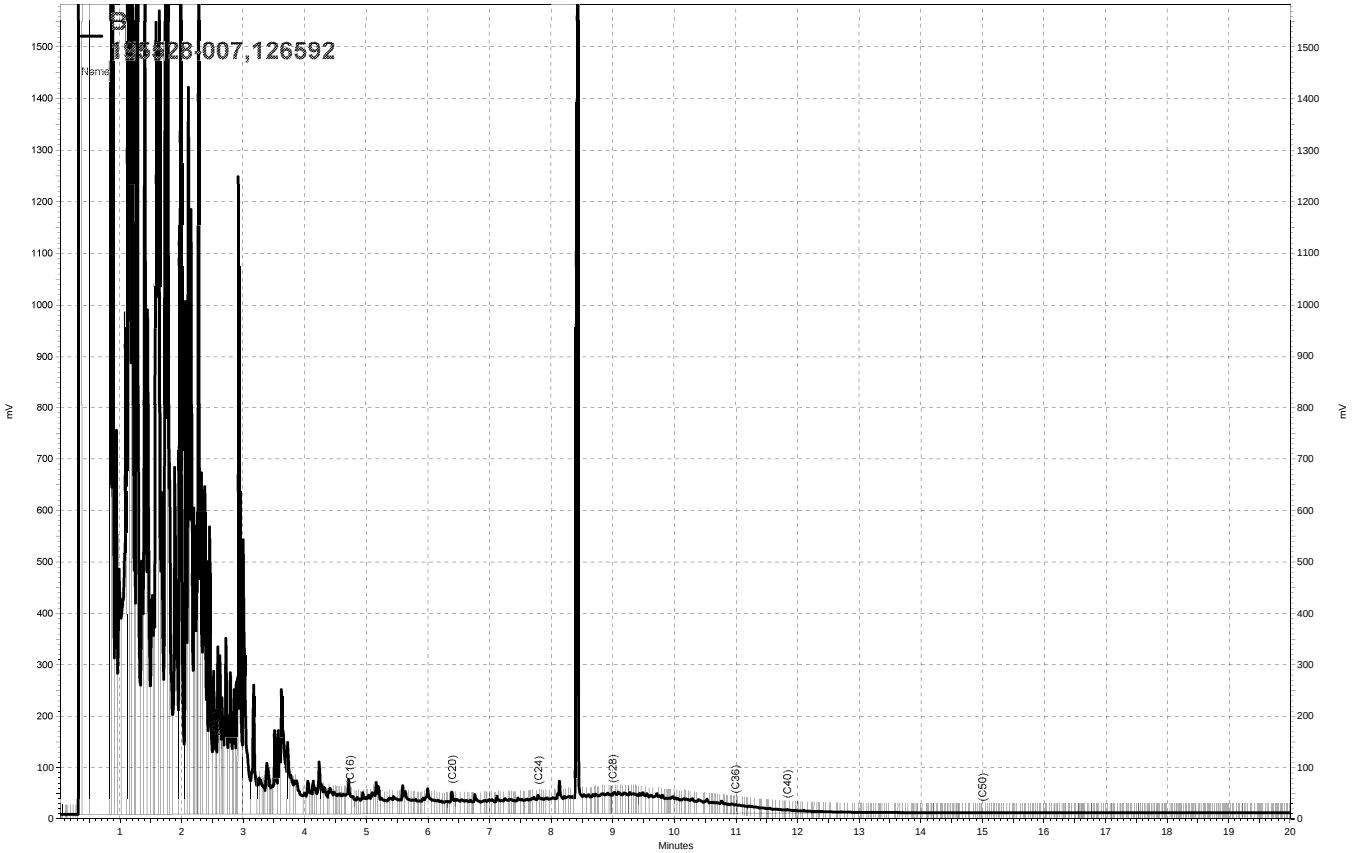

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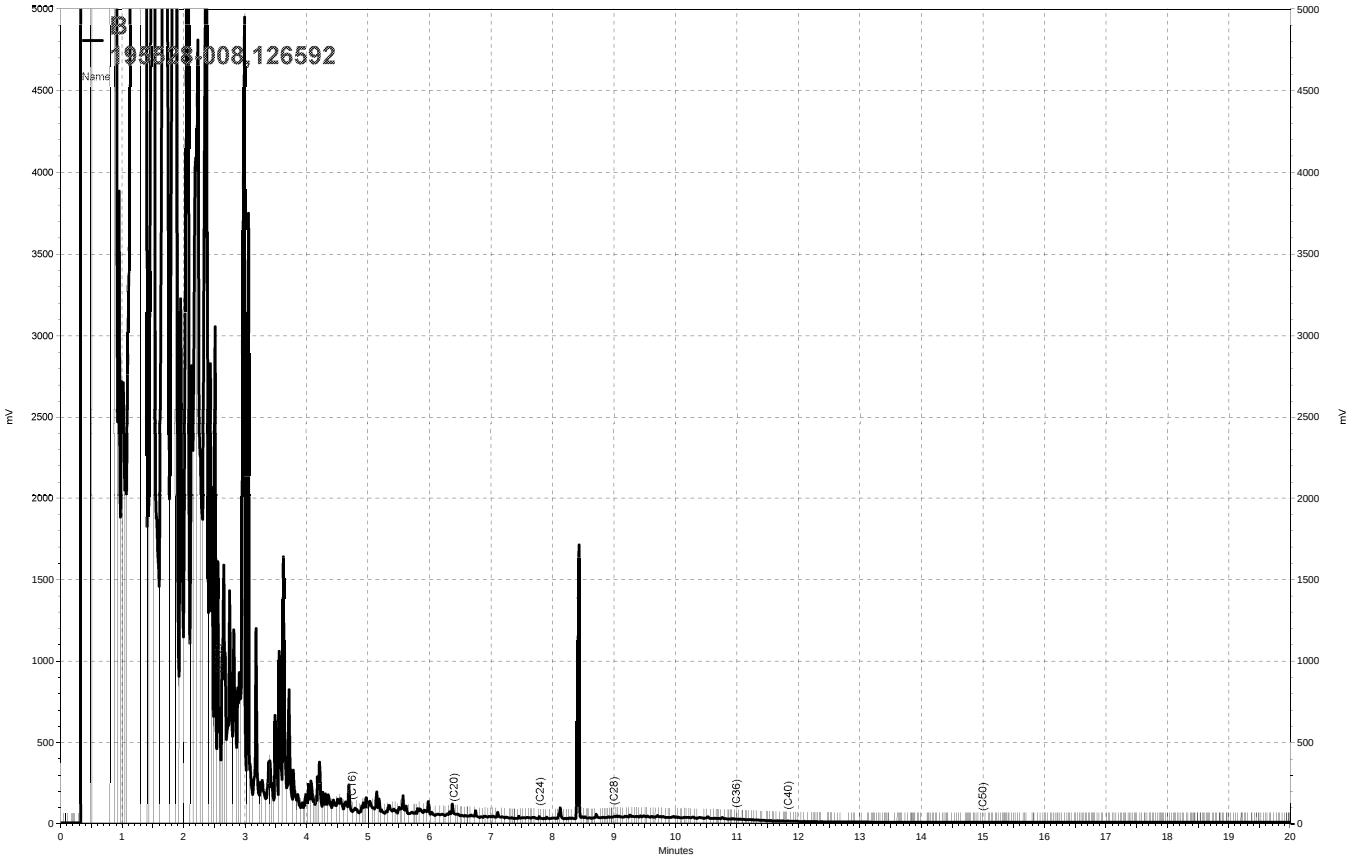

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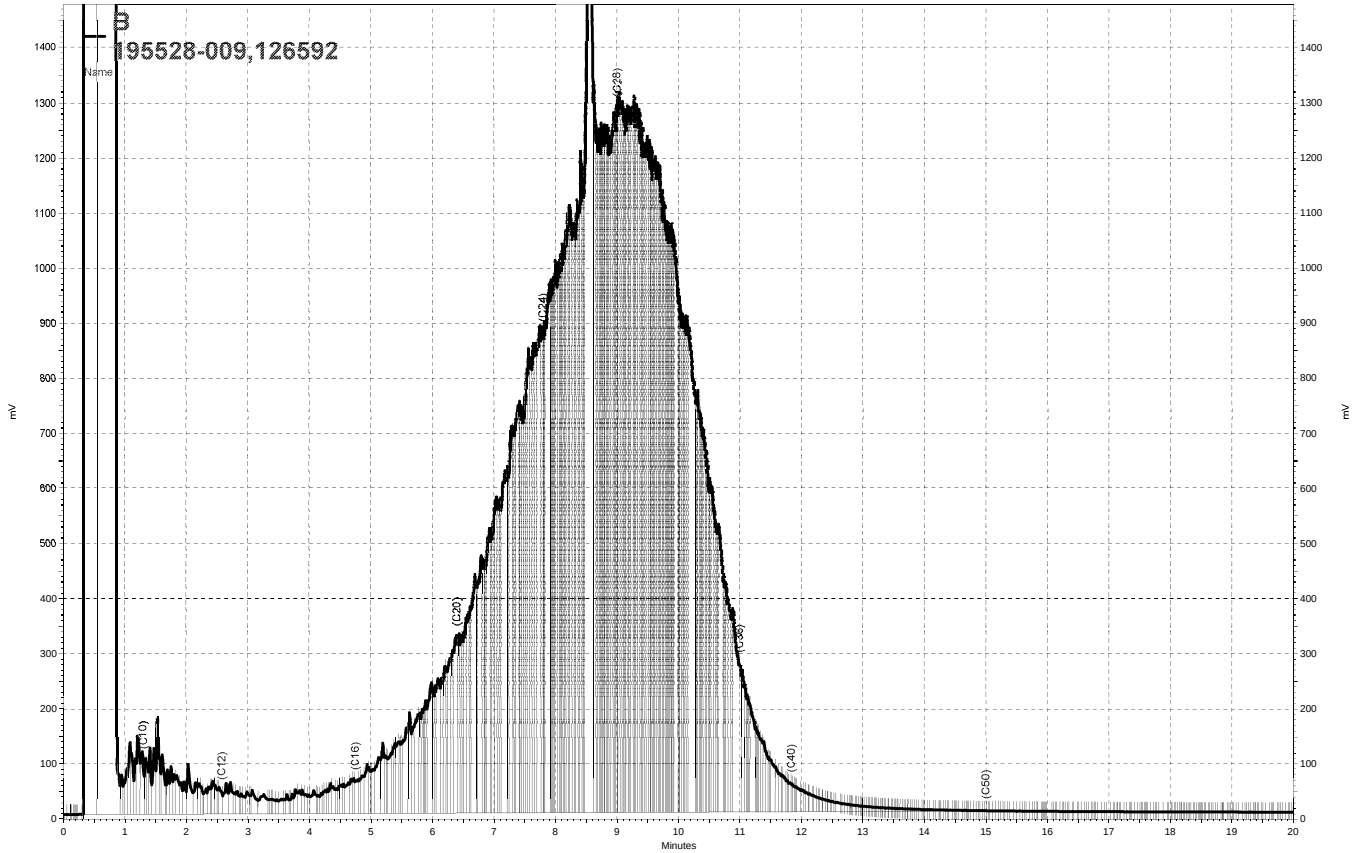

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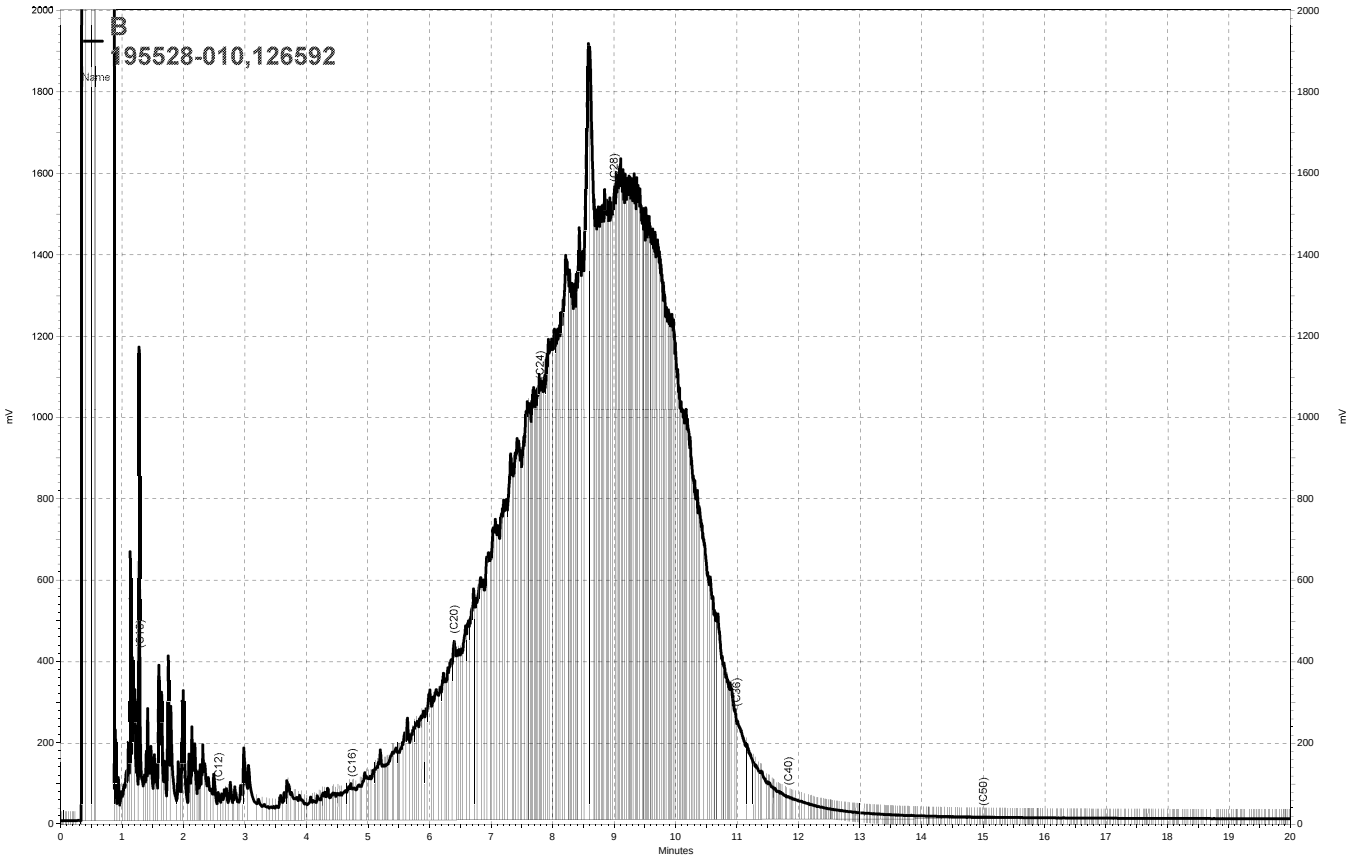

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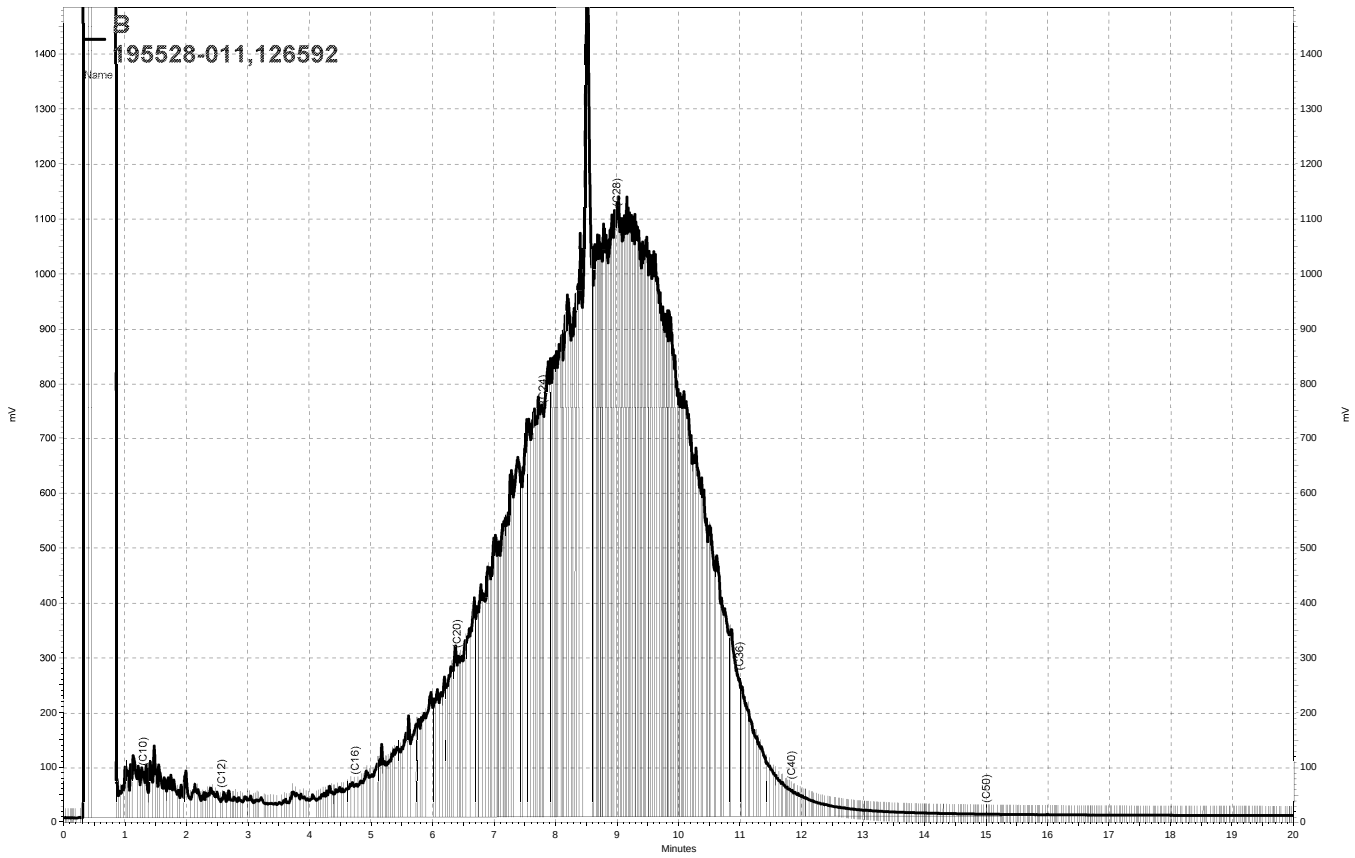

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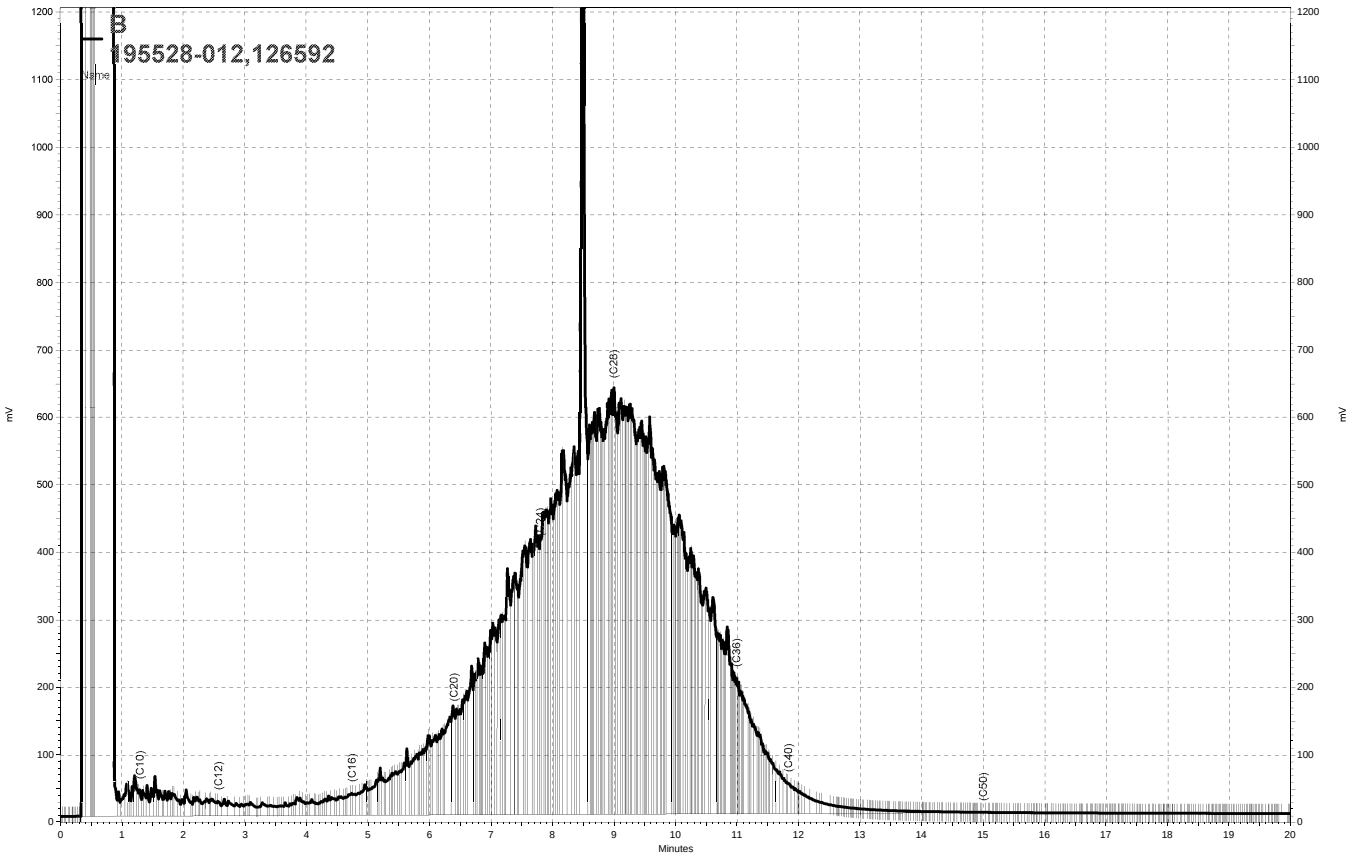

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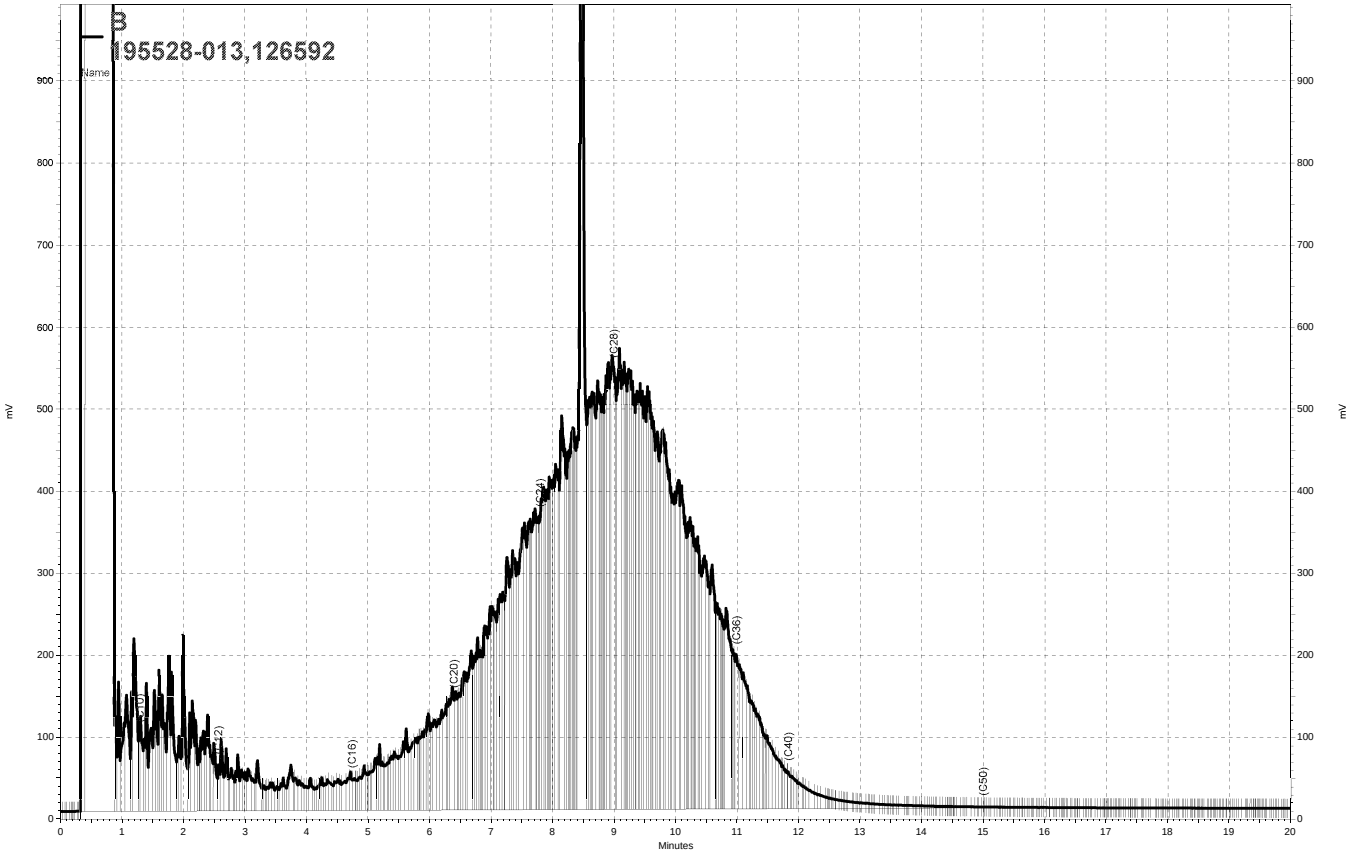

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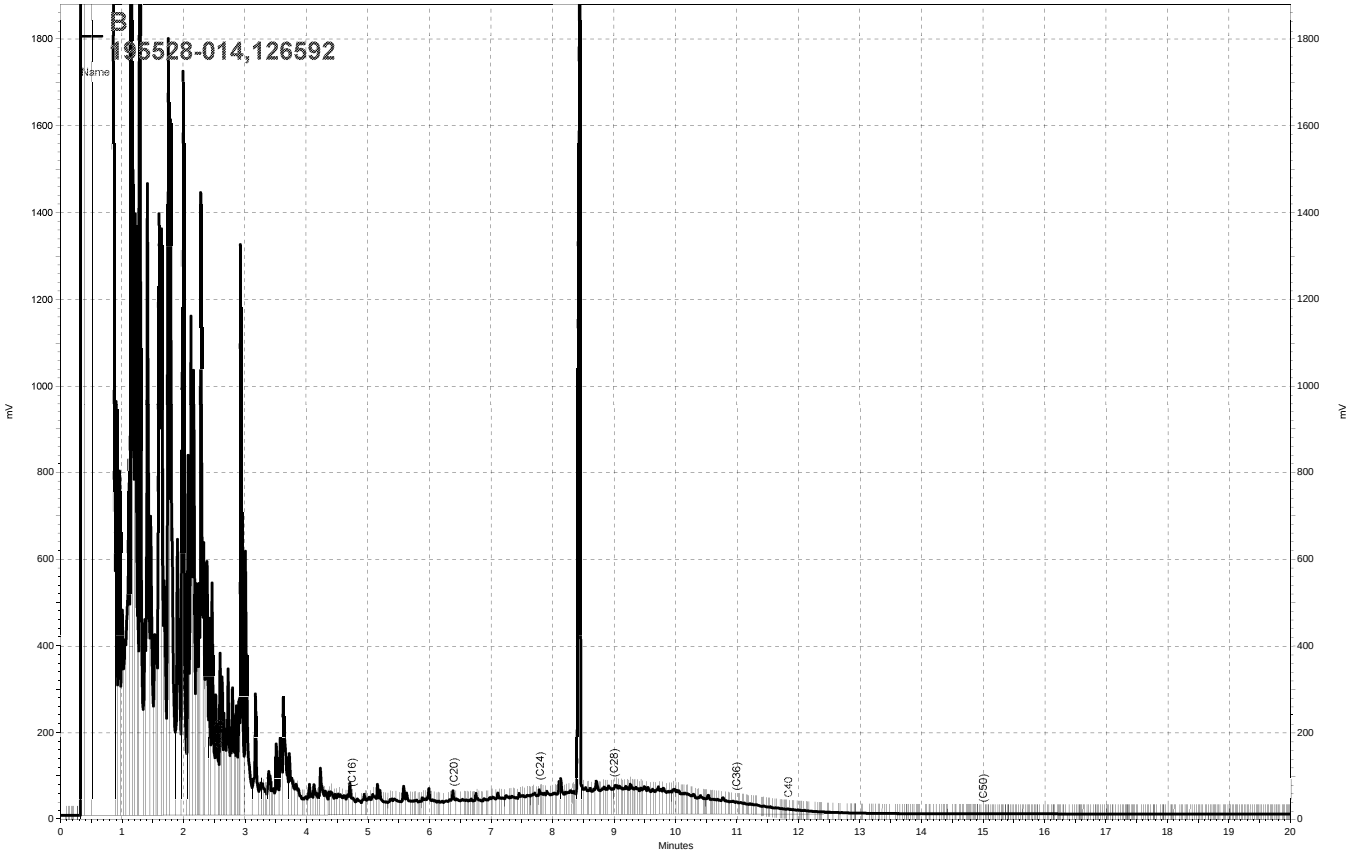

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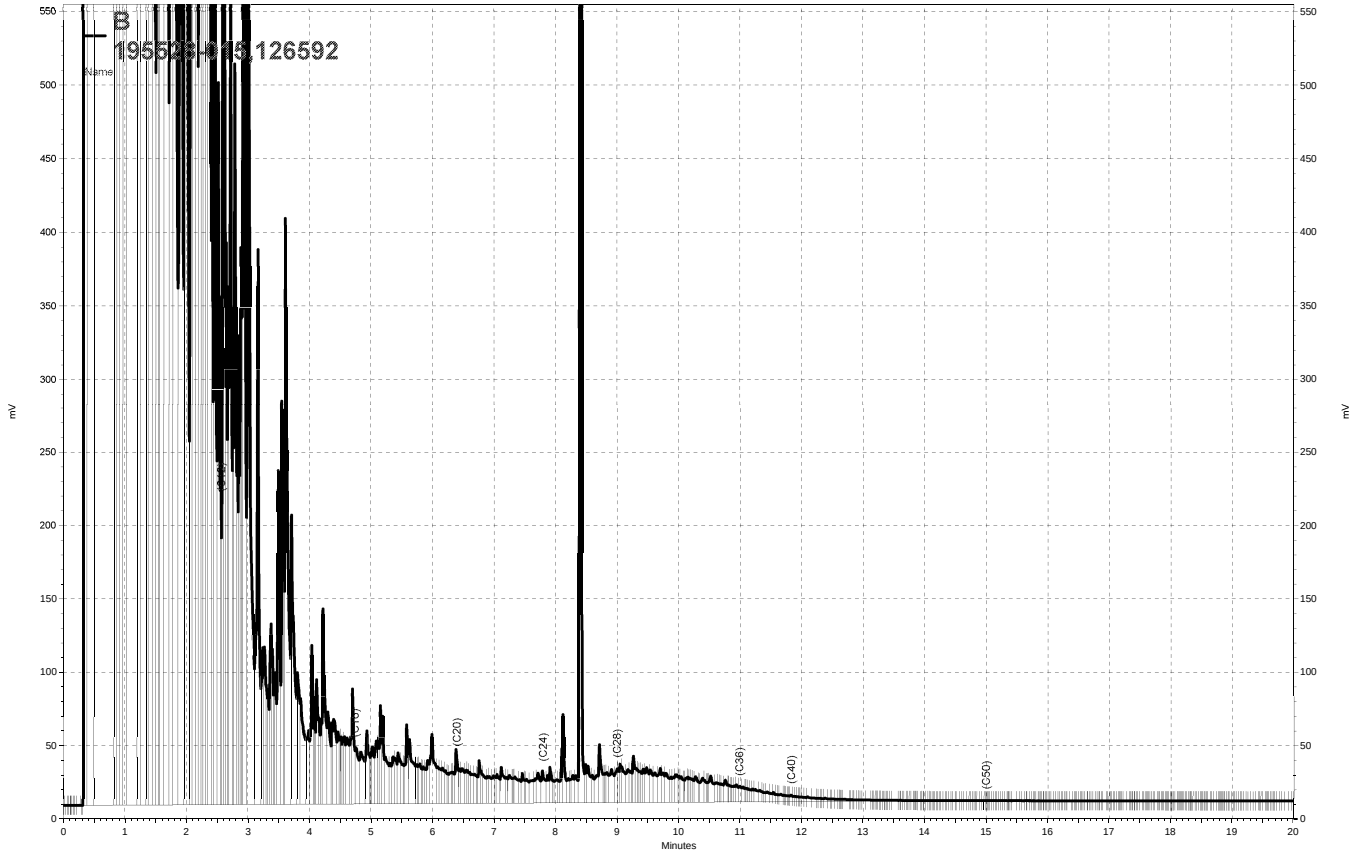

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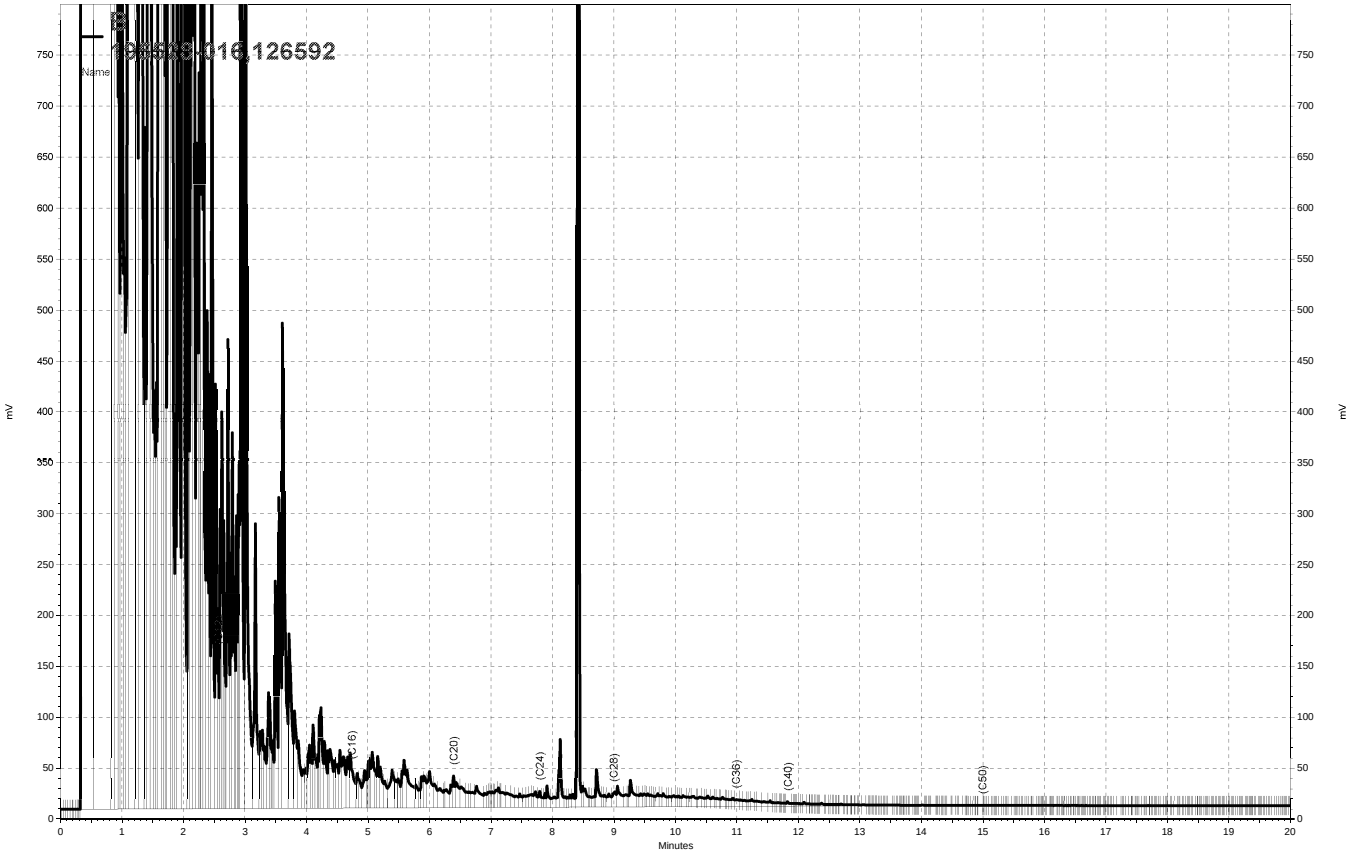

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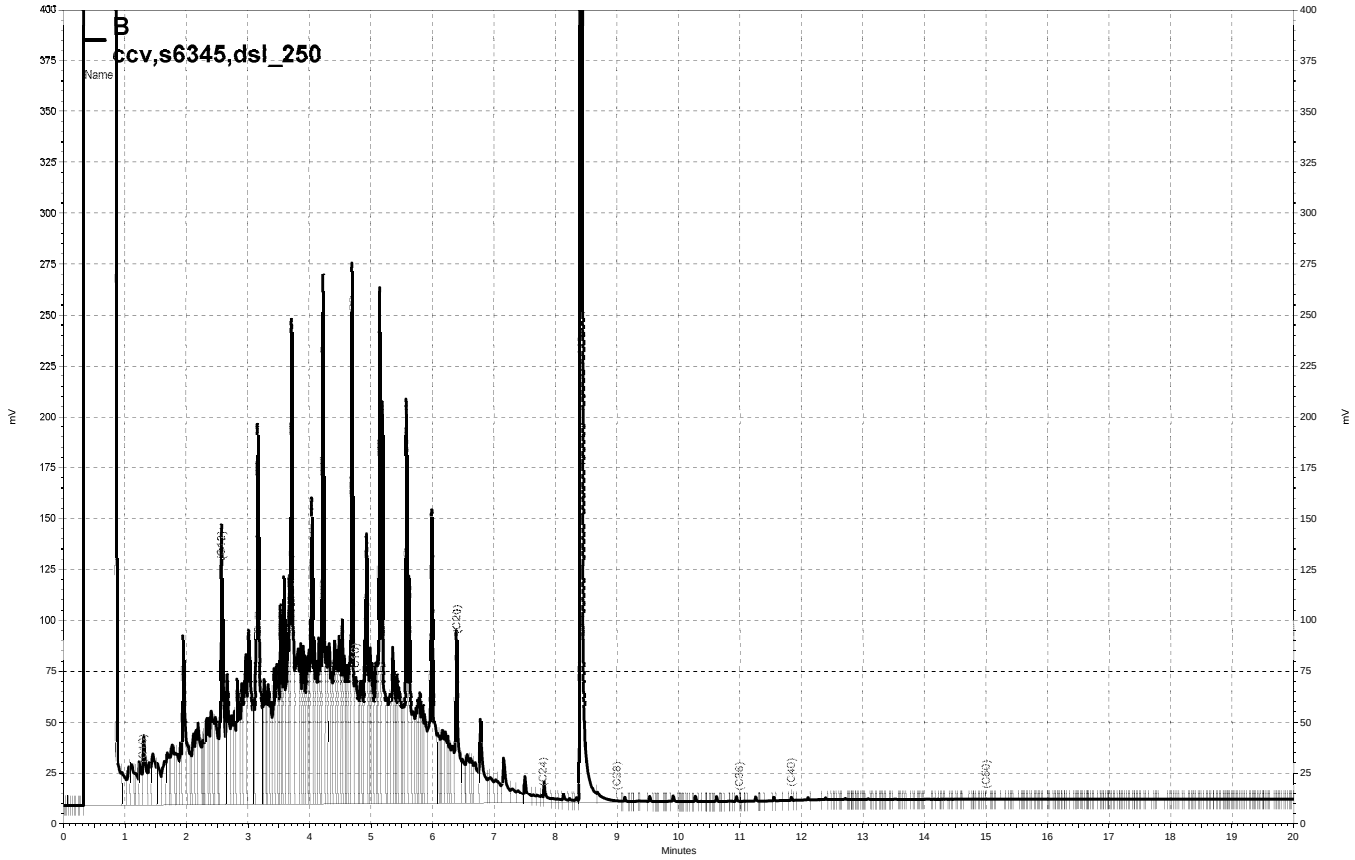

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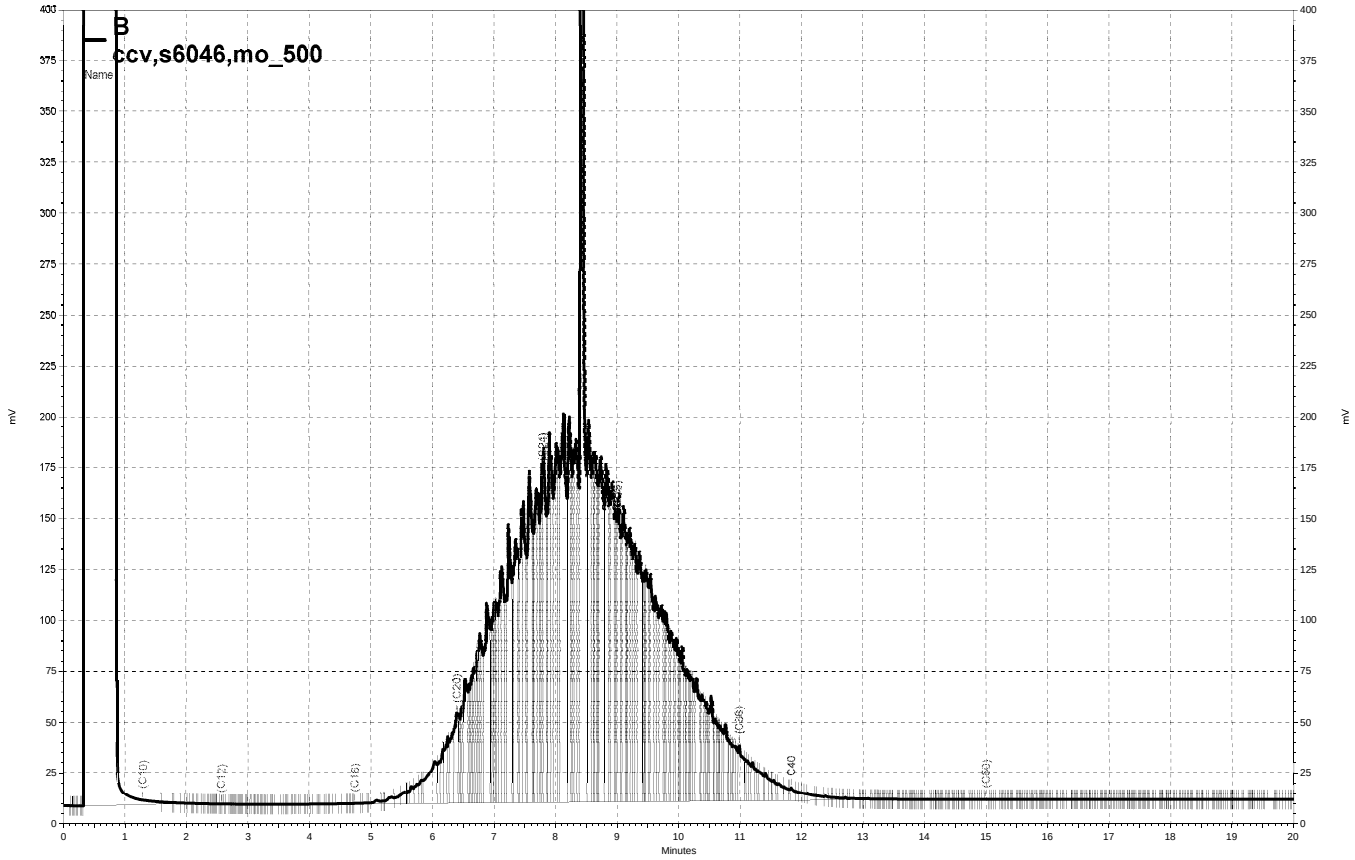

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Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-1-15'	Diln Fac:	0.9434
Lab ID:	195528-001	Batch#:	126521
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	4.7
Benzene	ND	4.7
Toluene	8.0	4.7
Ethylbenzene	11	4.7
m,p-Xylenes	51	4.7
o-Xylene	21	4.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	120	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-2-15'	Diln Fac:	0.9259
Lab ID:	195528-002	Batch#:	126521
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	4.6
Benzene	ND	4.6
Toluene	9.2	4.6
Ethylbenzene	17	4.6
m,p-Xylenes	82	4.6
o-Xylene	41	4.6

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	120	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-3-15'	Diln Fac:	1.000
Lab ID:	195528-003	Batch#:	126521
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	120	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-4-15'	Diln Fac:	0.9804
Lab ID:	195528-004	Batch#:	126521
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	14	4.9
m,p-Xylenes	27	4.9
o-Xylene	9.1	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	128	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-5-15'	Diln Fac:	1.000
Lab ID:	195528-005	Batch#:	126521
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	8.7	5.0
Ethylbenzene	14	5.0
m,p-Xylenes	60	5.0
o-Xylene	30	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	103	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-6-15'	Diln Fac:	25.00
Lab ID:	195528-006	Batch#:	126609
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	130
Benzene	ND	130
Toluene	200	130
Ethylbenzene	320	130
m,p-Xylenes	1,200	130
o-Xylene	530	130

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	100	80-126
Trifluorotoluene (MeOH)	101	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-7-15'	Diln Fac:	166.7
Lab ID:	195528-007	Batch#:	126609
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	830
Benzene	ND	830
Toluene	1,800	830
Ethylbenzene	3,000	830
m,p-Xylenes	12,000	830
o-Xylene	5,000	830

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-126
Trifluorotoluene (MeOH)	121	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-8-15'	Diln Fac:	1,250
Lab ID:	195528-008	Batch#:	126609
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	6,300
Benzene	ND	6,300
Toluene	99,000	6,300
Ethylbenzene	49,000	6,300
m,p-Xylenes	200,000	6,300
o-Xylene	77,000	6,300

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	97	80-126
Trifluorotoluene (MeOH)	DO	58-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-9-15'	Diln Fac:	0.9804
Lab ID:	195528-009	Batch#:	126513
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	111	76-135
Toluene-d8	94	80-120
Bromofluorobenzene	106	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-10-15'	Basis:	as received
Lab ID:	195528-010	Sampled:	06/20/07
Matrix:	Soil	Received:	06/20/07
Units:	ug/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
MTBE	ND	4.9	0.9804	126513	06/21/07
Benzene	ND	4.9	0.9804	126513	06/21/07
Toluene	37	4.9	0.9804	126513	06/21/07
Ethylbenzene	43	4.9	0.9804	126513	06/21/07
m,p-Xylenes	470	25	5.000	126552	06/22/07
o-Xylene	81	4.9	0.9804	126513	06/21/07

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
1,2-Dichloroethane-d4	105	76-135	0.9804	126513	06/21/07
Toluene-d8	96	80-120	0.9804	126513	06/21/07
Bromofluorobenzene	99	80-126	0.9804	126513	06/21/07

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-11-15'	Diln Fac:	0.9615
Lab ID:	195528-011	Batch#:	126513
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	4.8
Benzene	ND	4.8
Toluene	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	82	76-135
Toluene-d8	92	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-12-15'	Diln Fac:	0.9259
Lab ID:	195528-012	Batch#:	126513
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	4.6
Benzene	ND	4.6
Toluene	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	13	4.6
o-Xylene	ND	4.6

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	77	76-135
Toluene-d8	91	80-120
Bromofluorobenzene	96	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-13-15'	Diln Fac:	0.9434
Lab ID:	195528-013	Batch#:	126552
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.7
Benzene	ND	4.7
Toluene	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	7.4	4.7
o-Xylene	5.6	4.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-14-15'	Diln Fac:	62.50
Lab ID:	195528-014	Batch#:	126552
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	310
Benzene	ND	310
Toluene	ND	310
Ethylbenzene	1,200	310
m,p-Xylenes	4,700	310
o-Xylene	1,500	310

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	101	80-126
Trifluorotoluene (MeOH)	111	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-15-15'	Diln Fac:	250.0
Lab ID:	195528-015	Batch#:	126552
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	1,300
Benzene	3,100	1,300
Toluene	13,000	1,300
Ethylbenzene	12,000	1,300
m,p-Xylenes	41,000	1,300
o-Xylene	17,000	1,300

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	101	80-126
Trifluorotoluene (MeOH)	136	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-16-15'	Diln Fac:	625.0
Lab ID:	195528-016	Batch#:	126552
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	3,100
Benzene	ND	3,100
Toluene	40,000	3,100
Ethylbenzene	17,000	3,100
m,p-Xylenes	80,000	3,100
o-Xylene	30,000	3,100

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-126
Trifluorotoluene (MeOH)	DO	58-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393151	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126513
Units:	ug/Kg	Analyzed:	06/21/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	22.42	90	66-120
Benzene	25.00	24.03	96	80-120
Toluene	25.00	24.63	99	80-120
Ethylbenzene	25.00	27.02	108	80-125
m,p-Xylenes	50.00	57.83	116	80-123
o-Xylene	25.00	26.80	107	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	76-135
Toluene-d8	95	80-120
Bromofluorobenzene	100	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393152	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126513
Units:	ug/Kg	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	92	80-120
Bromofluorobenzene	106	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393182	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126521
Units:	ug/Kg	Analyzed:	06/21/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	122	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	110	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	126521
Basis:	as received	Analyzed:	06/21/07

Type: BS Lab ID: QC393183

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	28.56	114	66-120
Benzene	25.00	24.67	99	80-120
Toluene	25.00	26.38	106	80-120
Ethylbenzene	25.00	25.92	104	80-125
m,p-Xylenes	50.00	48.32	97	80-123
o-Xylene	25.00	24.22	97	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	127	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	105	80-126

Type: BSD Lab ID: QC393184

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	50.00	51.23	102	66-120	11	20
Benzene	50.00	45.17	90	80-120	9	20
Toluene	50.00	46.26	93	80-120	13	20
Ethylbenzene	50.00	48.75	97	80-125	6	20
m,p-Xylenes	100.0	91.16	91	80-123	6	20
o-Xylene	50.00	44.90	90	80-122	8	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	128	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	104	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-9-15'	Diln Fac:	0.9804
MSS Lab ID:	195528-009	Batch#:	126513
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/22/07

Type: MS Lab ID: QC393205

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.9506	49.02	38.74	79	55-120
Benzene	<0.8658	49.02	39.11	80	61-122
Toluene	<1.132	49.02	41.51	85	57-124
Ethylbenzene	<1.543	49.02	45.41	93	55-129
m,p-Xylenes	<3.026	98.04	96.71	99	53-127
o-Xylene	<1.290	49.02	46.32	94	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	93	80-120
Bromofluorobenzene	101	80-126

Type: MSD Lab ID: QC393206

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	49.02	38.66	79	55-120	0	20
Benzene	49.02	37.48	76	61-122	4	20
Toluene	49.02	39.02	80	57-124	6	21
Ethylbenzene	49.02	41.72	85	55-129	8	23
m,p-Xylenes	98.04	89.60	91	53-127	8	23
o-Xylene	49.02	43.14	88	54-127	7	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	76-135
Toluene-d8	92	80-120
Bromofluorobenzene	98	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-4-15'	Diln Fac:	0.9804
MSS Lab ID:	195528-004	Batch#:	126521
Matrix:	Soil	Sampled:	06/20/07
Units:	ug/Kg	Received:	06/20/07
Basis:	as received	Analyzed:	06/22/07

Type: MS Lab ID: QC393295

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1161	49.02	51.58	105	55-120
Benzene	3.891	49.02	39.68	73	61-122
Toluene	1.942	49.02	38.85	75	57-124
Ethylbenzene	14.31	49.02	42.97	58	55-129
m,p-Xylenes	27.31	98.04	77.80	51 *	53-127
o-Xylene	9.066	49.02	39.89	63	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	125	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-126

Type: MSD Lab ID: QC393296

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	49.02	47.11	96	55-120	9	20
Benzene	49.02	38.08	70	61-122	4	20
Toluene	49.02	37.16	72	57-124	4	21
Ethylbenzene	49.02	39.98	52 *	55-129	7	23
m,p-Xylenes	98.04	73.06	47 *	53-127	6	23
o-Xylene	49.02	37.12	57	54-127	7	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	127	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	105	80-126

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	126552
Basis:	as received	Analyzed:	06/22/07

Type: BS Lab ID: QC393324

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	21.69	87	66-120
Benzene	25.00	23.32	93	80-120
Toluene	25.00	23.95	96	80-120
Ethylbenzene	25.00	23.86	95	80-125
m,p-Xylenes	50.00	46.65	93	80-123
o-Xylene	25.00	23.51	94	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	95	80-126

Type: BSD Lab ID: QC393325

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	23.14	93	66-120	6	20
Benzene	25.00	24.34	97	80-120	4	20
Toluene	25.00	24.67	99	80-120	3	20
Ethylbenzene	25.00	25.97	104	80-125	8	20
m,p-Xylenes	50.00	51.07	102	80-123	9	20
o-Xylene	25.00	24.61	98	80-122	5	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393326	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126552
Units:	ug/Kg	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393549	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126609
Units:	ug/Kg	Analyzed:	06/25/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	24.93	100	66-120
Benzene	25.00	24.39	98	80-120
Toluene	25.00	24.94	100	80-120
Ethylbenzene	25.00	26.06	104	80-125
m,p-Xylenes	50.00	51.29	103	80-123
o-Xylene	25.00	25.07	100	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393550	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126609
Units:	ug/Kg	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	102	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9434
MSS Lab ID:	195577-001	Batch#:	126609
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Type: MS Lab ID: QC393600

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1808	47.17	36.84	78	55-120
Benzene	<0.1300	47.17	37.41	79	61-122
Toluene	<0.5213	47.17	36.91	78	57-124
Ethylbenzene	<0.5499	47.17	36.01	76	55-129
m,p-Xylenes	<1.234	94.34	69.20	73	53-127
o-Xylene	<0.4864	47.17	33.88	72	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	103	80-126

Type: MSD Lab ID: QC393601

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	47.17	39.51	84	55-120	7	20
Benzene	47.17	39.04	83	61-122	4	20
Toluene	47.17	38.98	83	57-124	5	21
Ethylbenzene	47.17	37.40	79	55-129	4	23
m,p-Xylenes	94.34	72.93	77	53-127	5	23
o-Xylene	47.17	35.40	75	54-127	4	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/20/07
Units:	mg/Kg	Received:	06/20/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000	Analyzed:	06/25/07
Batch#:	126563		

Field ID: A1-1-15' Lab ID: 195528-001
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.26
Chromium	43	0.26
Lead	18	0.15
Nickel	71	0.26
Zinc	48	1.0

Field ID: A1-2-15' Lab ID: 195528-002
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	36	0.25
Lead	11	0.15
Nickel	66	0.25
Zinc	45	1.0

Field ID: A1-3-15' Lab ID: 195528-003
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.26
Chromium	35	0.26
Lead	11	0.15
Nickel	60	0.26
Zinc	38	1.0

Field ID: A1-4-15' Lab ID: 195528-004
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.27
Chromium	32	0.27
Lead	13	0.16
Nickel	56	0.27
Zinc	39	1.1

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/20/07
Units:	mg/Kg	Received:	06/20/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000	Analyzed:	06/25/07
Batch#:	126563		

Field ID: A1-5-15' Lab ID: 195528-005
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.31	0.25
Chromium	43	0.25
Lead	8.8	0.15
Nickel	76	0.25
Zinc	52	1.0

Field ID: A1-6-15' Lab ID: 195528-006
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.33	0.25
Chromium	35	0.25
Lead	19	0.15
Nickel	74	0.25
Zinc	46	1.0

Field ID: A1-7-15' Lab ID: 195528-007
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.26
Chromium	39	0.26
Lead	5.2	0.15
Nickel	62	0.26
Zinc	45	1.0

Field ID: A1-8-15' Lab ID: 195528-008
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	32	0.25
Lead	4.4	0.15
Nickel	46	0.25
Zinc	38	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/20/07
Units:	mg/Kg	Received:	06/20/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000	Analyzed:	06/25/07
Batch#:	126563		

Field ID: A1-9-15' Lab ID: 195528-009
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	27	0.25
Lead	2.9	0.15
Nickel	54	0.25
Zinc	30	1.0

Field ID: A1-10-15' Lab ID: 195528-010
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	40	0.25
Lead	12	0.15
Nickel	62	0.25
Zinc	49	1.0

Field ID: A1-11-15' Lab ID: 195528-011
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	43	0.25
Lead	25	0.15
Nickel	72	0.25
Zinc	71	1.0

Field ID: A1-12-15' Lab ID: 195528-012
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	34	0.25
Lead	6.8	0.15
Nickel	57	0.25
Zinc	35	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/20/07
Units:	mg/Kg	Received:	06/20/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000	Analyzed:	06/25/07
Batch#:	126563		

Field ID: A1-13-15' Lab ID: 195528-013
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	38	0.25
Lead	13	0.15
Nickel	62	0.25
Zinc	46	1.0

Field ID: A1-14-15' Lab ID: 195528-014
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	38	0.25
Lead	6.7	0.15
Nickel	69	0.25
Zinc	45	1.0

Field ID: A1-15-15' Lab ID: 195528-015
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.27	0.25
Chromium	38	0.25
Lead	10	0.15
Nickel	78	0.25
Zinc	45	1.0

Field ID: A1-16-15' Lab ID: 195528-016
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	34	0.25
Lead	19	0.15
Nickel	64	0.25
Zinc	39	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/20/07
Units:	mg/Kg	Received:	06/20/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000	Analyzed:	06/25/07
Batch#:	126563		

Type: BLANK Lab ID: QC393372

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.15
Nickel	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	126563
Units:	mg/Kg	Prepared:	06/22/07
Basis:	as received	Analyzed:	06/25/07
Diln Fac:	1.000		

Type: BS Lab ID: QC393373

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	10.38	104	80-120
Chromium	100.0	96.68	97	80-120
Lead	100.0	94.46	94	80-120
Nickel	25.00	24.11	96	80-120
Zinc	25.00	23.47	94	80-120

Type: BSD Lab ID: QC393374

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	10.02	100	80-120	4	20
Chromium	100.0	95.07	95	80-120	2	20
Lead	100.0	90.50	91	80-120	4	20
Nickel	25.00	23.64	95	80-120	2	20
Zinc	25.00	23.20	93	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	195528	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A1-1-15'	Batch#:	126563
MSS Lab ID:	195528-001	Sampled:	06/20/07
Matrix:	Soil	Received:	06/20/07
Units:	mg/Kg	Prepared:	06/22/07
Basis:	as received	Analyzed:	06/25/07
Diln Fac:	1.000		

Type: MS Lab ID: QC393375

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.1540	8.696	8.021	90	72-120
Chromium	43.21	86.96	117.5	85	63-122
Lead	17.78	86.96	84.79	77	55-122
Nickel	71.44	21.74	86.98	71	45-139
Zinc	47.64	21.74	63.18	71	49-140

Type: MSD Lab ID: QC393376

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	8.929	8.538	94	72-120	4	20
Chromium	89.29	124.7	91	63-122	4	20
Lead	89.29	90.93	82	55-122	5	26
Nickel	22.32	89.66	82	45-139	2	26
Zinc	22.32	65.08	78	49-140	2	23

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195575

Project No.: 050T, 5023 8.01-0022
Project Name: Kaiser - Broadway, Oak.
Project P.O.:
Turnaround Time: Std

Sampler: Doug Phelps
Report To: Greg Hoeha
Company: Secor
Telephone: 925-299-9300
Fax: 925-299-9302

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis: 8015M TPH-g	Analysis: BTEX MTBE 8260	Analysis: TEPH	Analysis: XL UFT Metals
-1	A1-17-15'	6/21, 1630	X			1					X	X	X	X
-2	A1-18-15'													
-3	A1-19-15'													
-4	A1-20-15'													
-5	A1-21-15'													
-6	A1-22-15'													
-7	A1-23-15'													
-8	~~A1-24-15'~~ A1-24-15'													
-9	A1-25-15'													
-10	A1-26-15'													
-11	A1-27-15'													
-12	A1-28-15'													
-13	A1-29-15'													

Notes:

SAMPLE RECEIPT
☐ Intact ☐ Cold
☐ On Ice ☐ Ambient

Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:

Doug Phelps — 6-21, 1910 DATE / TIME

DATE / TIME

DATE / TIME

SIGNATURE

RECEIVED BY:

6/21/07 1910 DATE / TIME

DATE / TIME

DATE / TIME

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195575

Sampler: Doug Phelps

Project No.: 050t_56238_01.0022 **Report To:** Greg Hoehn

Project Name: Kaiser-Broadway, Oakland **Company:** Secor

Project P.O.: **Telephone:** 925-299-9300

Turnaround Time: Std **Fax:** 925-299-9302

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis: TPH-g 8015M	Analysis: BTEX MTBE 8260	Analysis: TEPH	Analysis: LUFT Metals
-14	A1-30-15'	6/21, 1630	X			1								
-15	A1-31-15'													
-16	A1-32-15'													
-17	A1-33-15'													
-18	A1-34-15'													
-19	A1-35-15'													
-20	A1-36-15'													
-21	A1-37-15'													
-22	A1-38-15'													
-23	A1-39-15'													
-24	A1-40-15'													

Notes:

SAMPLE RECEIPT
☐ Intact ☐ Cold
☐ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:
Doug Phelps 6/21 1910 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
6/21/07 1910 DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-17-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-001	Analyzed:	06/25/07

Analyte	Result	RL
Gasoline C7-C12	11 H	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	154 *	66-138

Field ID:	A1-18-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-002	Analyzed:	06/25/07

Analyte	Result	RL
Gasoline C7-C12	1.9 H	0.97

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	70-132
Bromofluorobenzene (FID)	122	66-138

Field ID:	A1-19-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-003	Analyzed:	06/25/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	92	70-132
Bromofluorobenzene (FID)	103	66-138

Field ID:	A1-20-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-004	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	1.7 H Y	0.96

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	70-132
Bromofluorobenzene (FID)	132	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-21-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-005	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	6.9 H	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	106	70-132
Bromofluorobenzene (FID)	111	66-138

Field ID:	A1-22-15'	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-006	Analyzed:	06/25/07

Analyte	Result	RL
Gasoline C7-C12	180 H	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	70-132
Bromofluorobenzene (FID)	106	66-138

Field ID:	A1-23-15'	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-007	Analyzed:	06/25/07

Analyte	Result	RL
Gasoline C7-C12	69 H	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	70-132
Bromofluorobenzene (FID)	120	66-138

Field ID:	A1-24-15'	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-008	Analyzed:	06/25/07

Analyte	Result	RL
Gasoline C7-C12	320 H	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	121	70-132
Bromofluorobenzene (FID)	136	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-25-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-009	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	70-132
Bromofluorobenzene (FID)	108	66-138

Field ID:	A1-26-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-010	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	108	66-138

Field ID:	A1-27-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-011	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	7.5 H Y	0.96

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	70-132
Bromofluorobenzene (FID)	126	66-138

Field ID:	A1-28-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126639
Lab ID:	195575-012	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	5.5 H Y	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	70-132
Bromofluorobenzene (FID)	127	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-29-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-013	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	11 H Y	1.9

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	70-132
Bromofluorobenzene (FID)	134	66-138

Field ID:	A1-30-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-014	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	4.1 H Y	0.97

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	70-132
Bromofluorobenzene (FID)	100	66-138

Field ID:	A1-31-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-015	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	1.2 H Y	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	70-132
Bromofluorobenzene (FID)	123	66-138

Field ID:	A1-32-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-016	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	23 H	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	128	70-132
Bromofluorobenzene (FID)	137	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-33-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-017	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	70-132
Bromofluorobenzene (FID)	115	66-138

Field ID:	A1-34-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-018	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	ND	0.96

Surrogate	%REC	Limits
Trifluorotoluene (FID)	89	70-132
Bromofluorobenzene (FID)	99	66-138

Field ID:	A1-35-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-019	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	85	70-132
Bromofluorobenzene (FID)	96	66-138

Field ID:	A1-36-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-020	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	82	70-132
Bromofluorobenzene (FID)	86	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-37-15'	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-021	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	130 H	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	106	70-132
Bromofluorobenzene (FID)	130	66-138

Field ID:	A1-38-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-022	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	6.7 H Y	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	121	70-132
Bromofluorobenzene (FID)	137	66-138

Field ID:	A1-39-15'	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-023	Analyzed:	06/26/07

Analyte	Result	RL
Gasoline C7-C12	200 H	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	131	66-138

Field ID:	A1-40-15'	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	126671
Lab ID:	195575-024	Analyzed:	06/27/07

Analyte	Result	RL
Gasoline C7-C12	5.6 H	2.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	122	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Type:	BLANK	Batch#:	126639
Lab ID:	QC393665	Analyzed:	06/25/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	70-132
Bromofluorobenzene (FID)	114	66-138

Type:	BLANK	Batch#:	126671
Lab ID:	QC393799	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	115	66-138

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC393666	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126639
Units:	mg/Kg	Analyzed:	06/25/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.555	96	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	127	70-132
Bromofluorobenzene (FID)	136	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A1-18-15'	Diln Fac:	1.000
MSS Lab ID:	195575-002	Batch#:	126639
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Type: MS Lab ID: QC393667

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.865	10.10	9.405	75	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	70-132
Bromofluorobenzene (FID)	138	66-138

Type: MSD Lab ID: QC393668

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.804	8.790	71	36-120	4	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	118	66-138

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC393800	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126671
Units:	mg/Kg	Analyzed:	06/26/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.393	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	70-132
Bromofluorobenzene (FID)	130	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A1-34-15'	Diln Fac:	1.000
MSS Lab ID:	195575-018	Batch#:	126671
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Type: MS Lab ID: QC393801

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.09927	9.615	8.535	88	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	99	66-138

Type: MSD Lab ID: QC393802

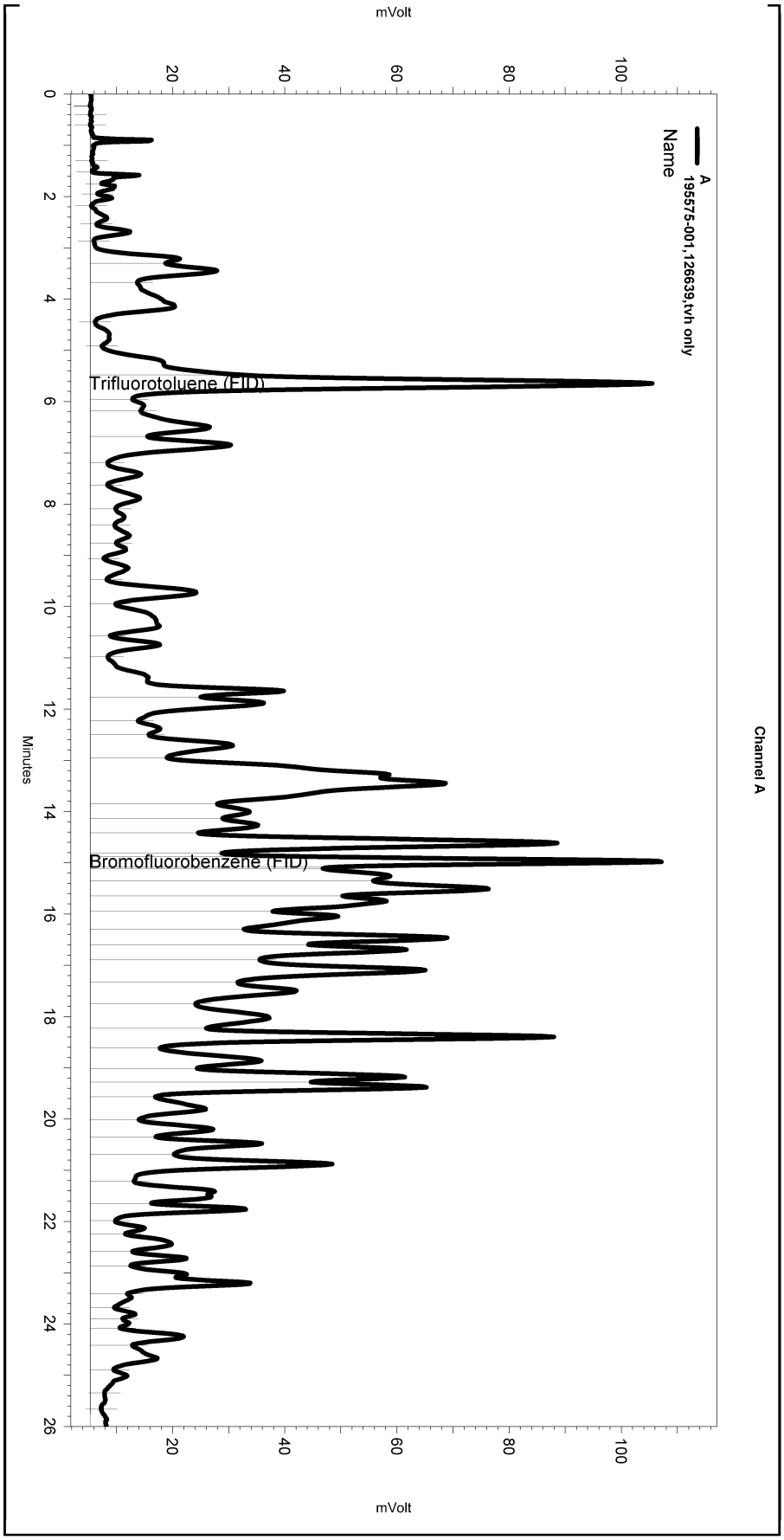
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.615	8.720	90	36-120	2	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	111	66-138

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-001,126639,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_013**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/25/2007 10:33:43 PM
Analysis Date: 6/26/2007 9:32:03 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

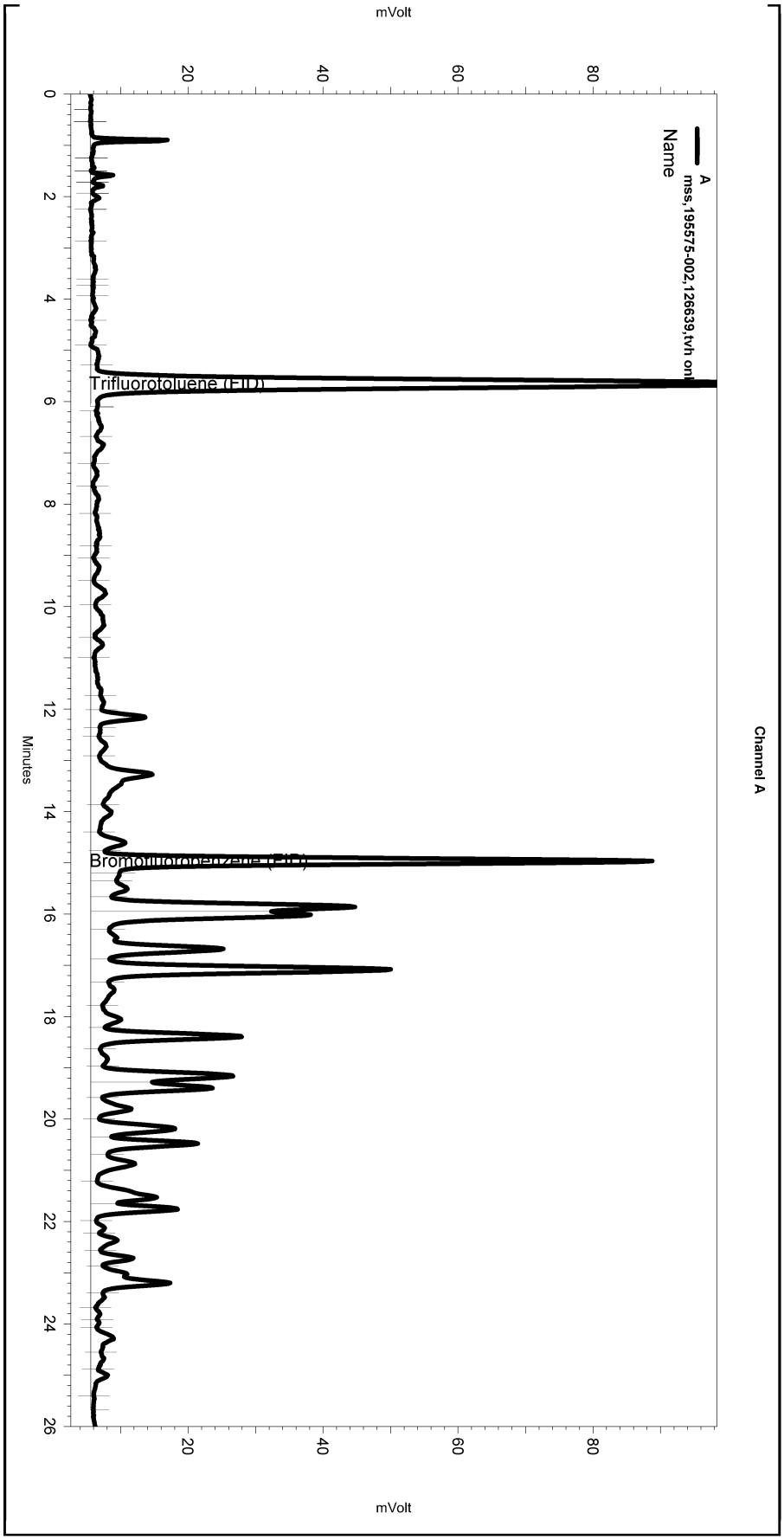
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_013

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	5.487	0	0
Yes	Split Peak	14.879	0	0
Yes	Split Peak	15.08	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **mss,195575-002,126639,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_014**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/25/2007 11:10:13 PM
Analysis Date: 6/26/2007 9:32:07 AM
Sample Amount: 1.03 Multiplier: 1.03
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

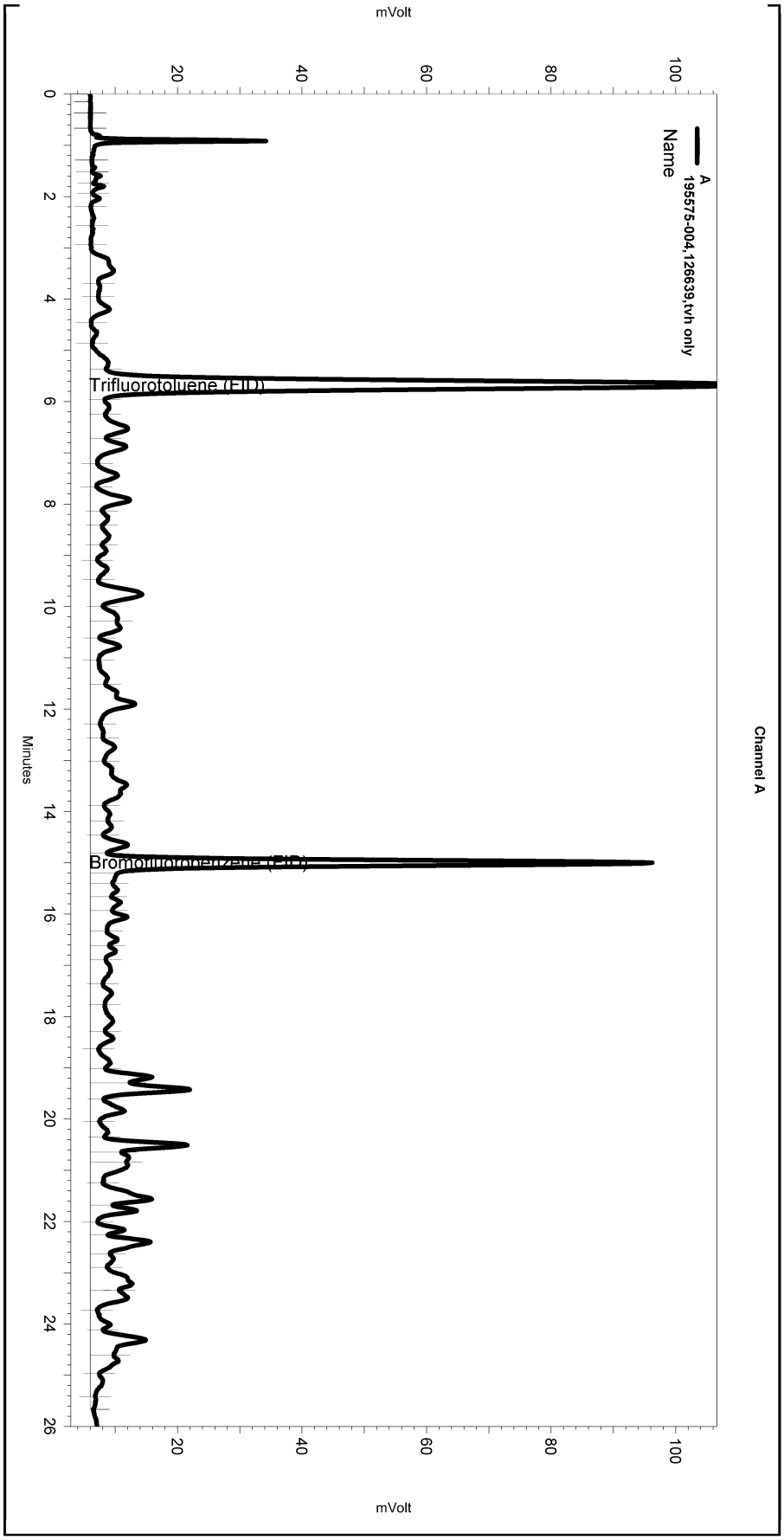
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_014

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Horizontal Baseline	4.917	26.017	0
Yes	Split Peak	15.196	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-004,126639,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_020**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/26/2007 2:49:16 AM
Analysis Date: 6/26/2007 9:32:28 AM
Sample Amount: 1.04 Multiplier: 1.04
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

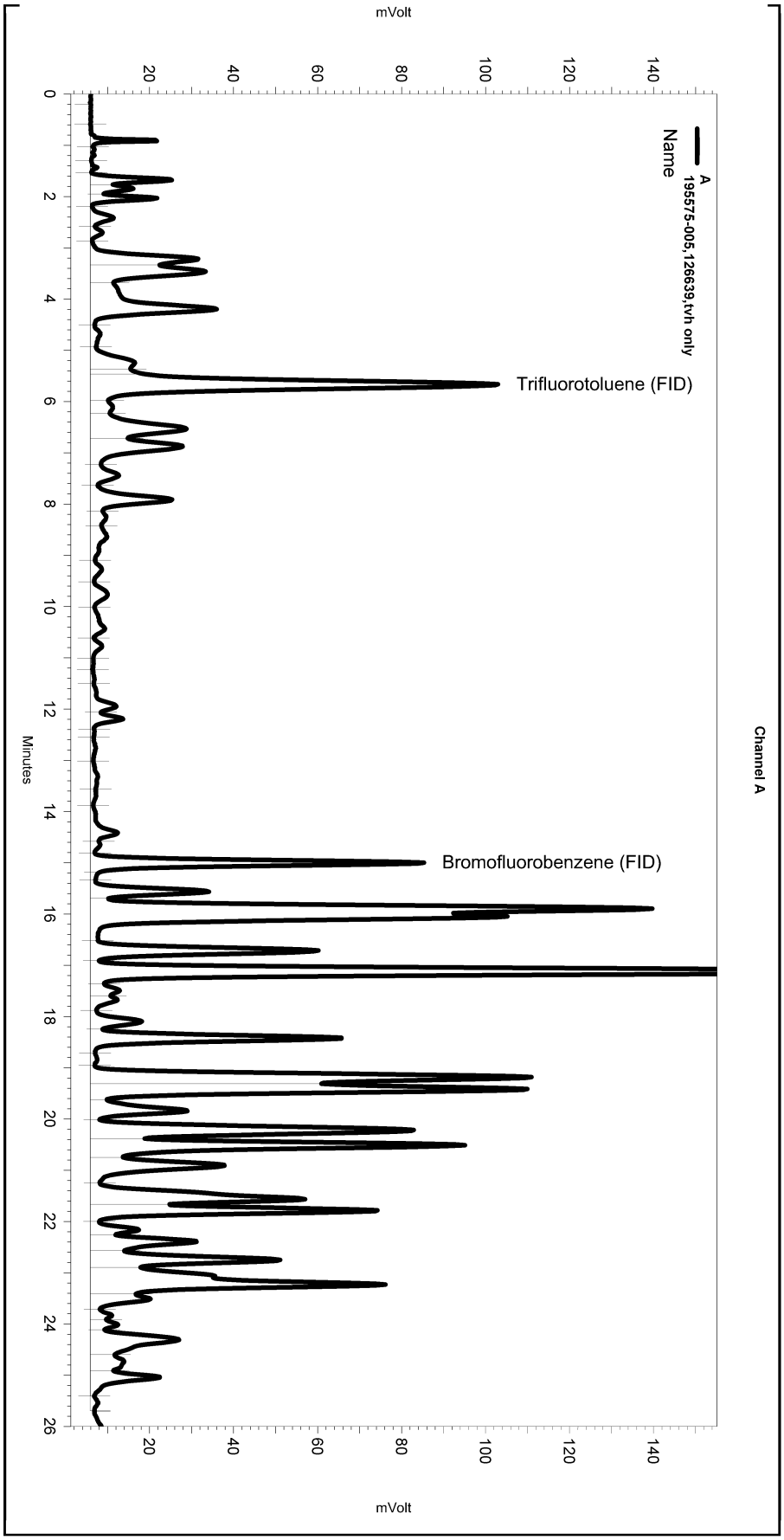
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_020

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	15.199	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-005,126639,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_021**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/26/2007 3:25:43 AM
Analysis Date: 6/26/2007 9:32:32 AM
Sample Amount: 0.99 Multiplier: 0.99
Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

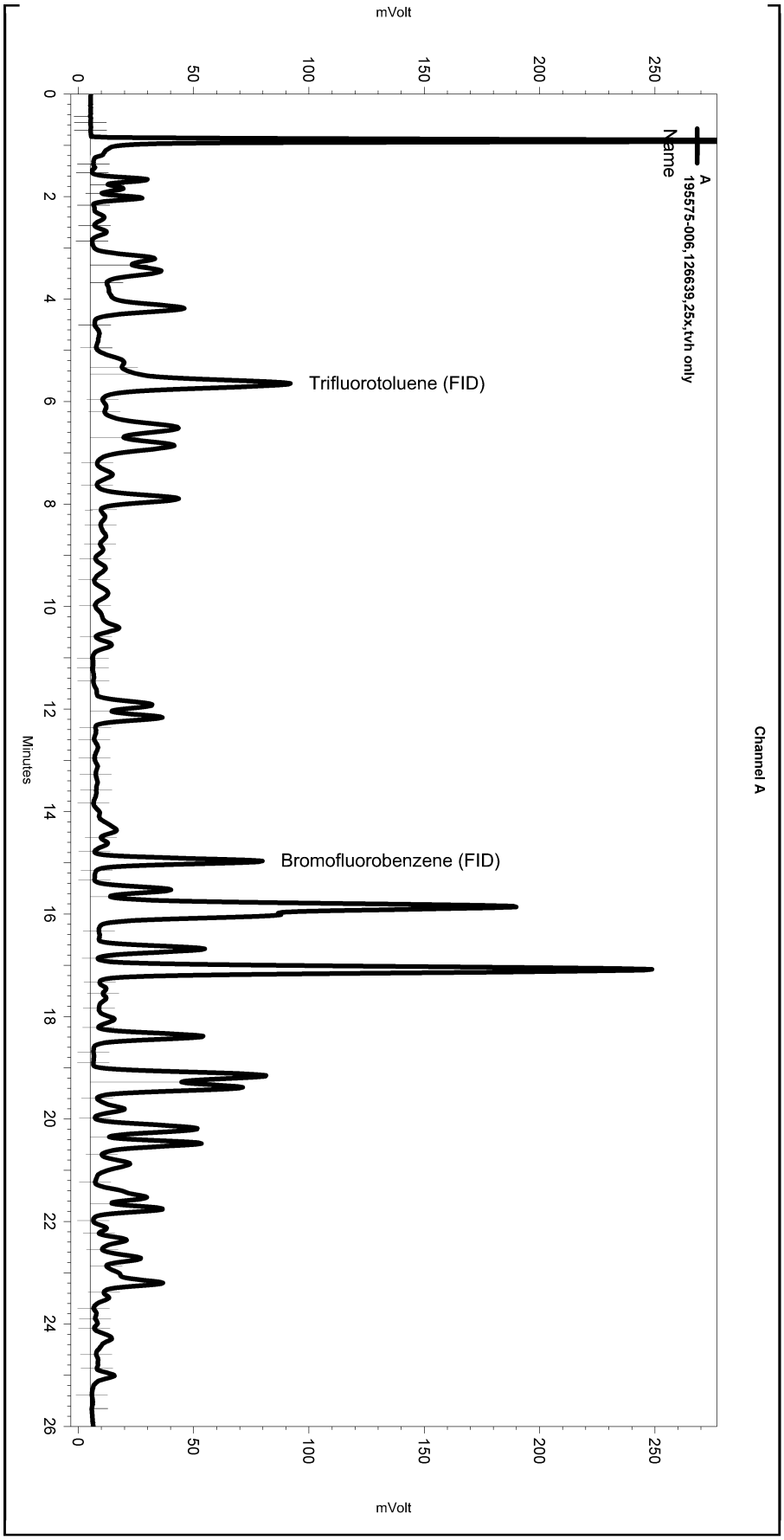
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_021

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	5.462	0	0
Yes	Split Peak	15.177	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-006,126639,25x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_007**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/25/2007 6:54:38 PM
Analysis Date: 6/26/2007 9:31:42 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

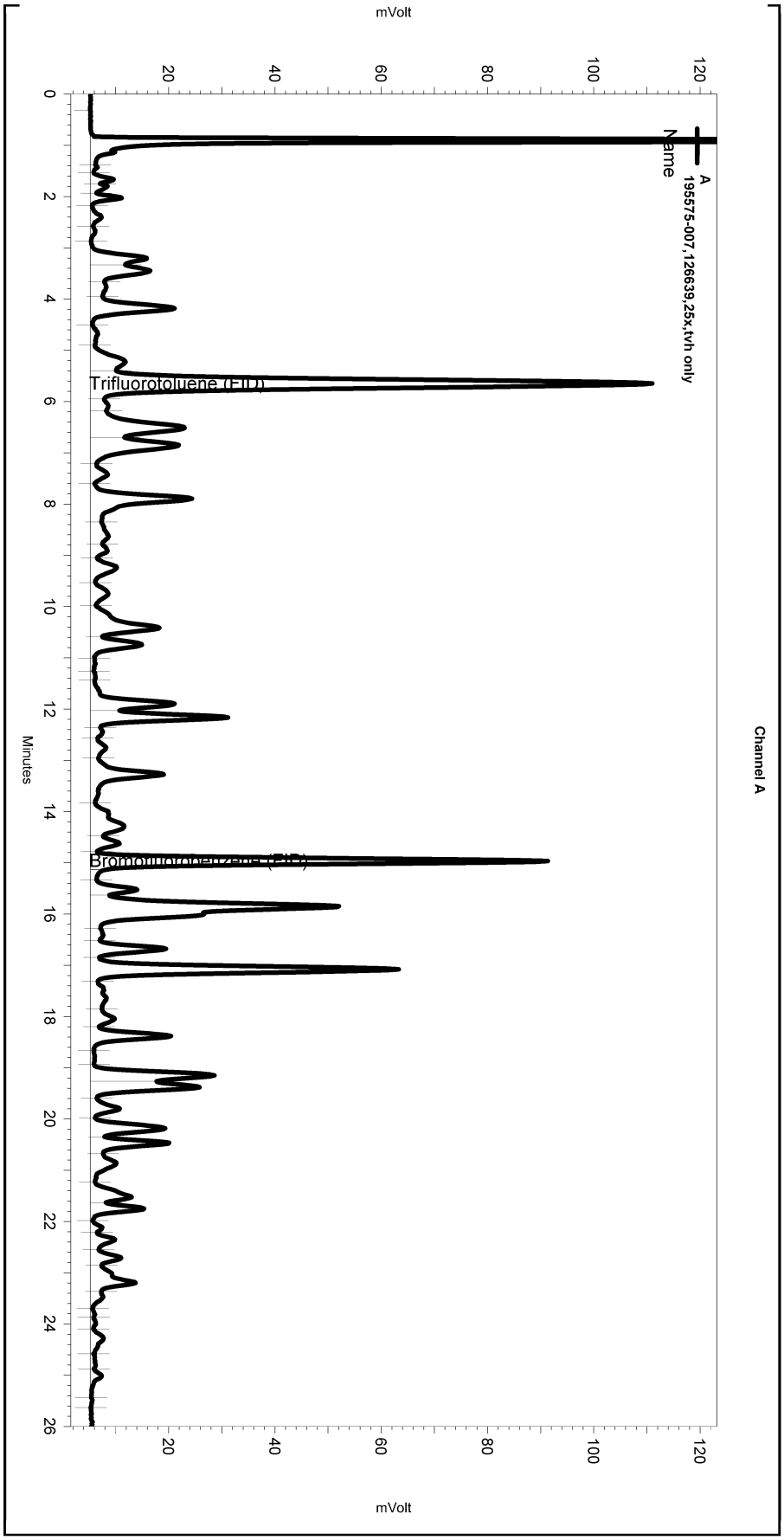
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_007

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	5.463	0	0
Yes	Split Peak	15.146	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-007,126639,25x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_008**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/25/2007 7:31:12 PM
Analysis Date: 6/26/2007 9:31:45 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

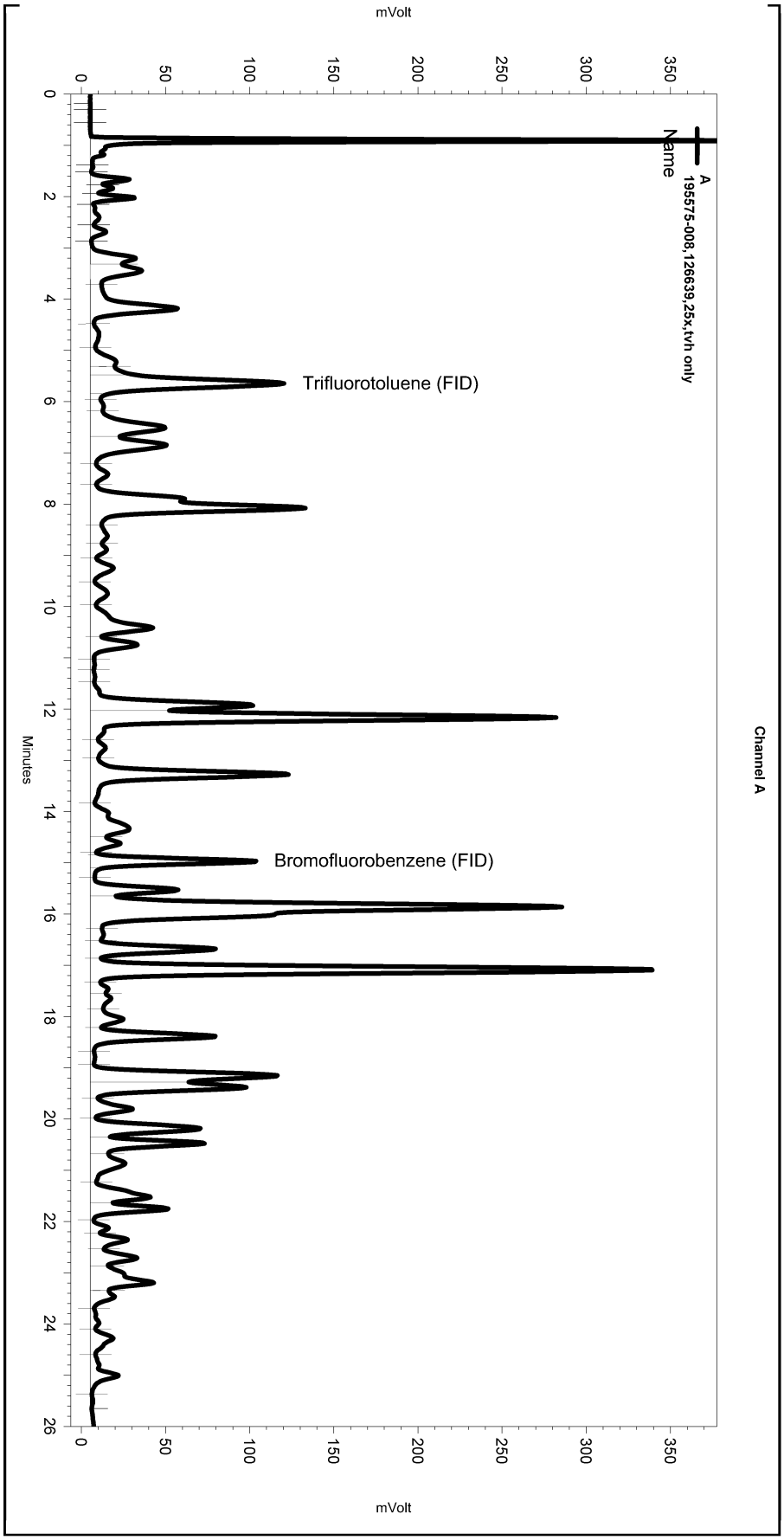
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_008

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	15.139	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-008,126639,25x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_009**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/25/2007 8:07:45 PM
Analysis Date: 6/26/2007 9:31:49 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

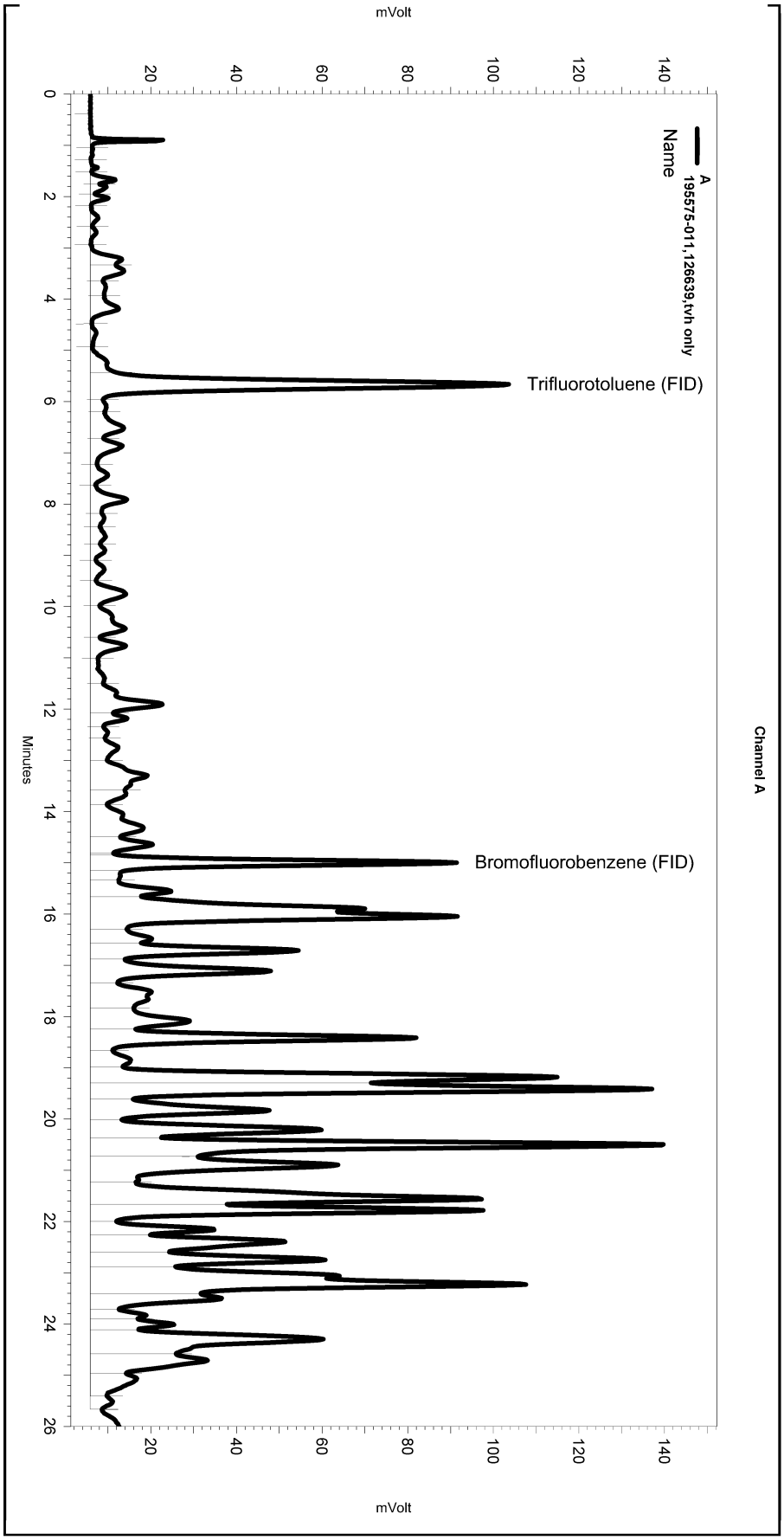
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_009

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	5.479	0	0
Yes	Split Peak	5.854	0	0
Yes	Split Peak	14.852	0	0
Yes	Split Peak	15.098	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-011,126639,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_025**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/26/2007 5:51:37 AM
Analysis Date: 6/26/2007 9:32:46 AM
Sample Amount: 1.04 Multiplier: 1.04
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

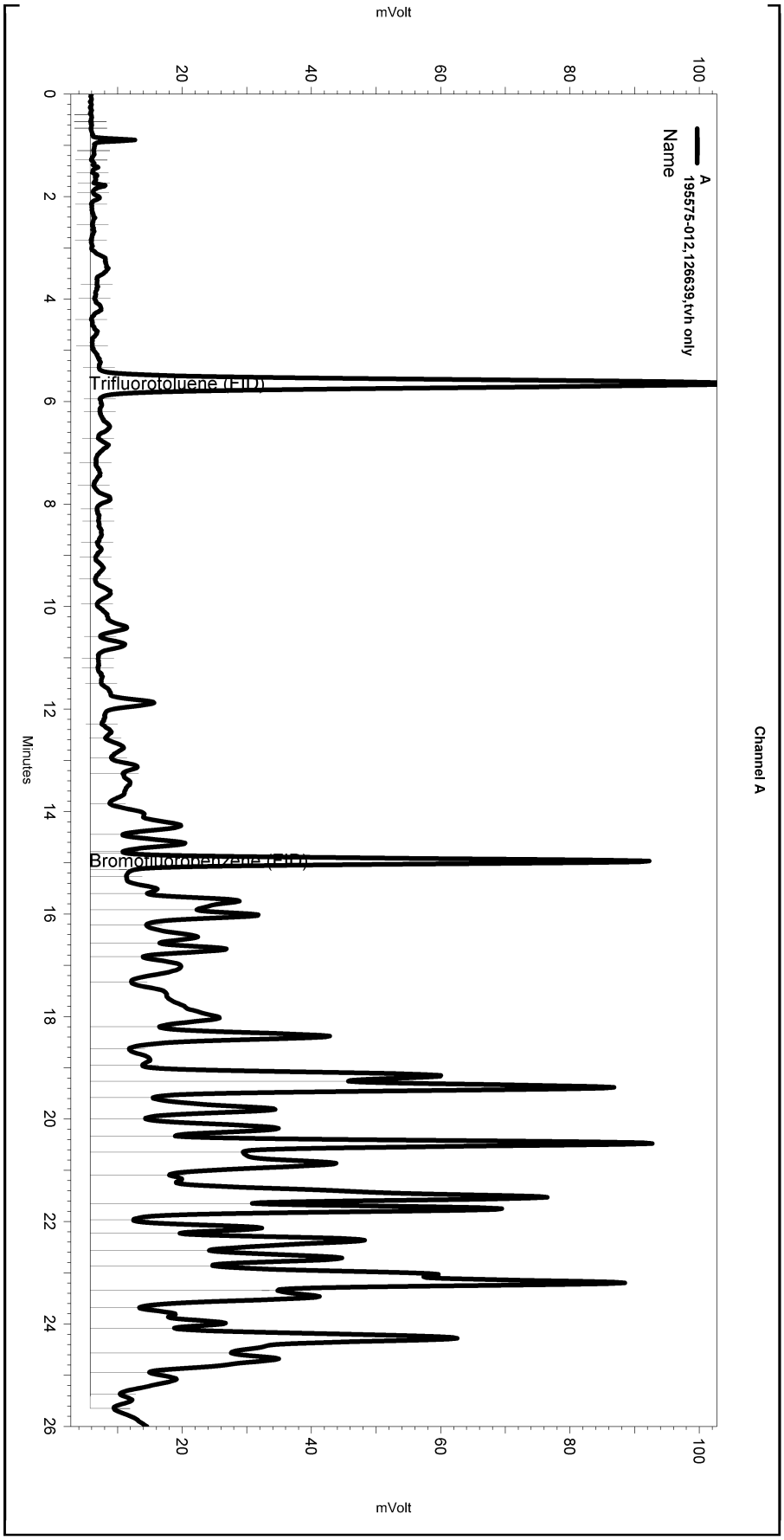
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_025

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.015	0
Yes	Split Peak	5.43	0	0
Yes	Split Peak	14.851	0	0
Yes	Split Peak	15.151	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **195575-012,126639,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_026**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/26/2007 6:28:06 AM
Analysis Date: 6/26/2007 9:32:50 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

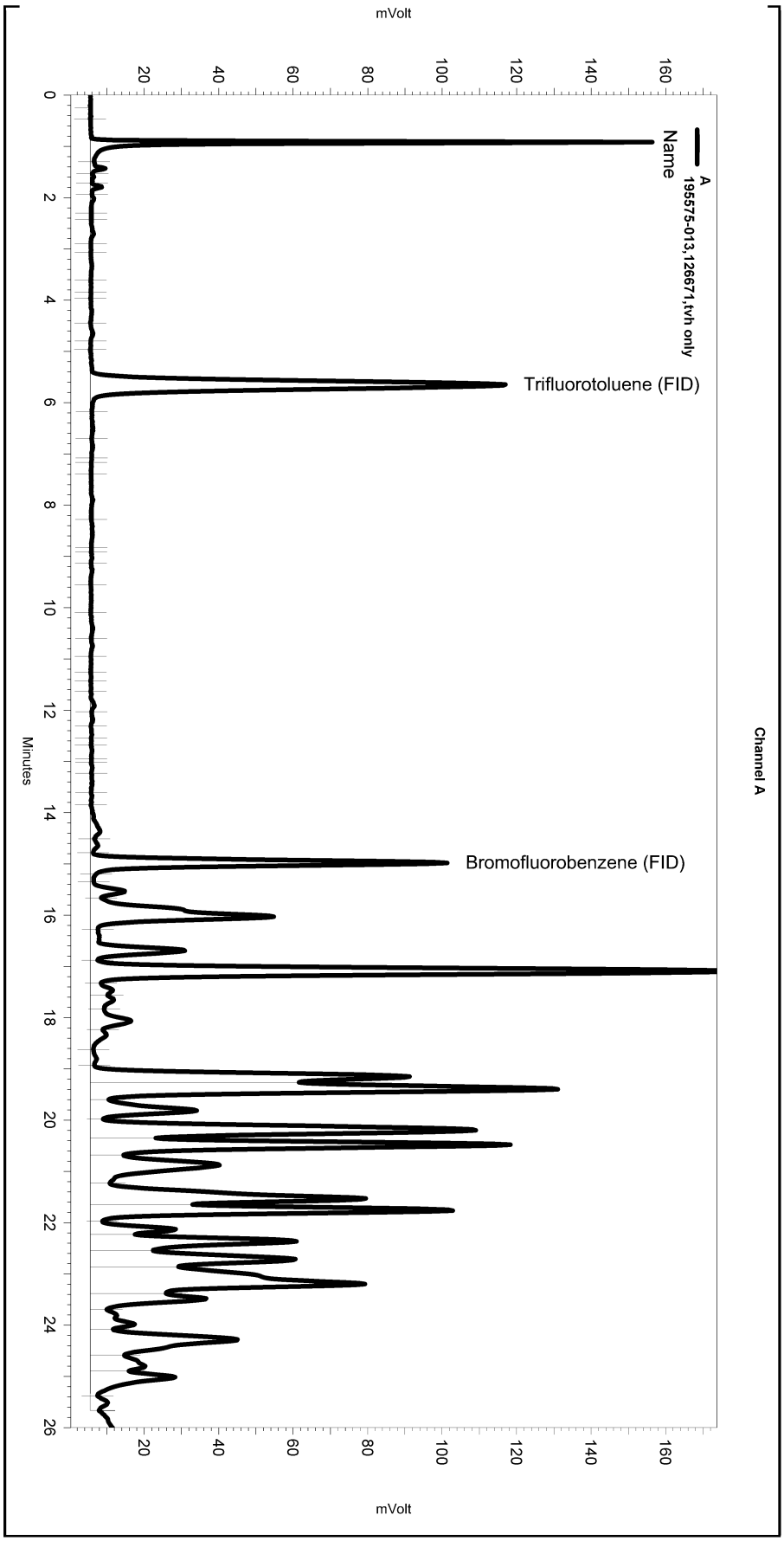
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_026

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	25.812	0
Yes	Split Peak	14.824	0	0
Yes	Split Peak	15.131	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-013,126671,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_036**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/27/2007 10:45:17 AM
Analysis Date: 6/27/2007 11:30:11 AM
Sample Amount: 0.52 Multiplier: 0.52
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

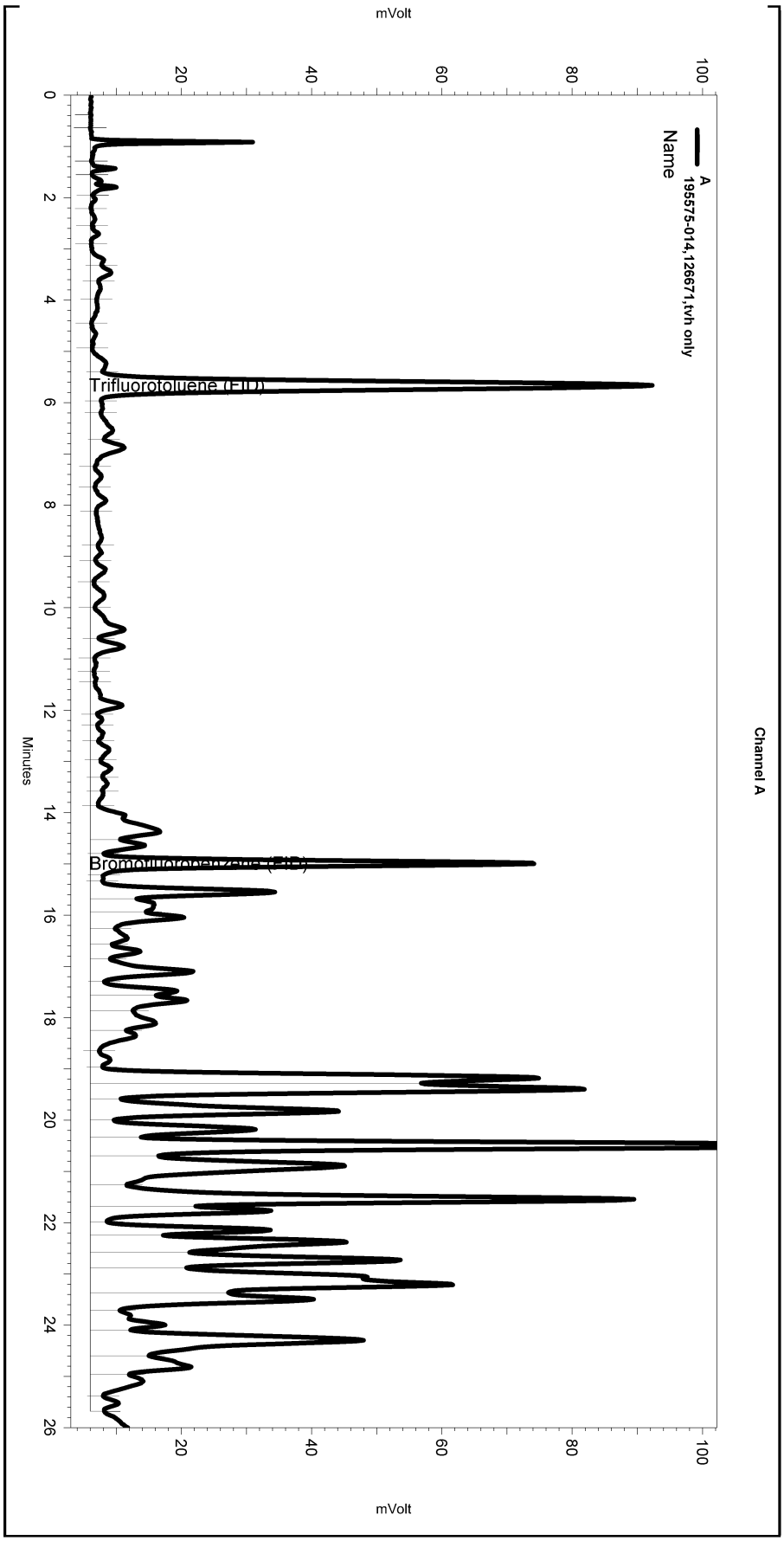
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_036

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.035	26.017	0
Yes	Split Peak	15.205	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-014,126671,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_033**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/27/2007 8:55:39 AM
Analysis Date: 6/27/2007 11:11:24 AM
Sample Amount: 1.03 Multiplier: 1.03
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

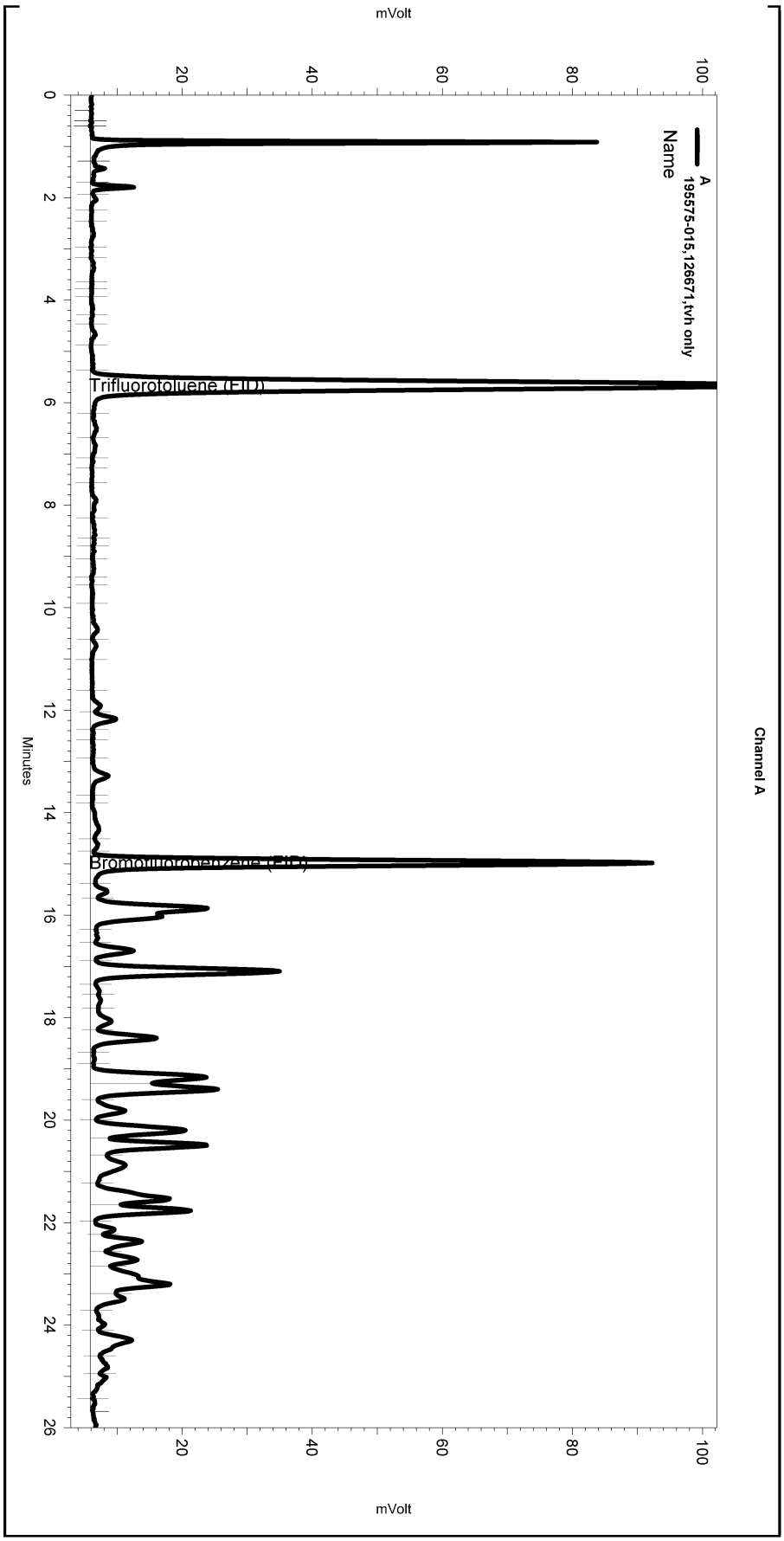
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_033

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	15.216	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-015,126671,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_034**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/27/2007 9:32:14 AM
Analysis Date: 6/27/2007 11:30:03 AM
Sample Amount: 0.96 Multiplier: 0.96
Vial & pH or Core ID: A



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

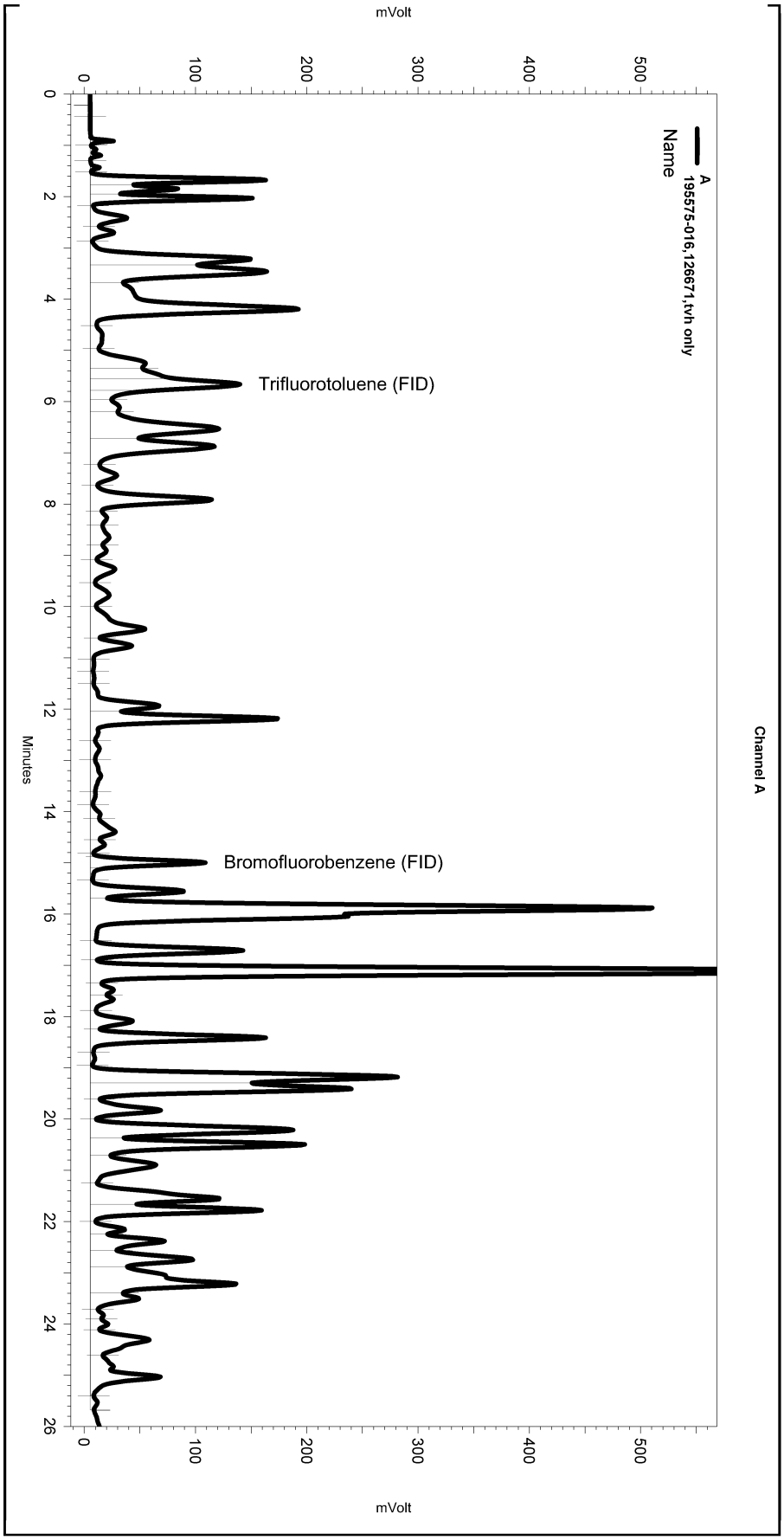
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_034

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.238	25.914	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-016,126671,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_020**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/27/2007 12:26:27 AM
Analysis Date: 6/27/2007 3:01:24 PM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

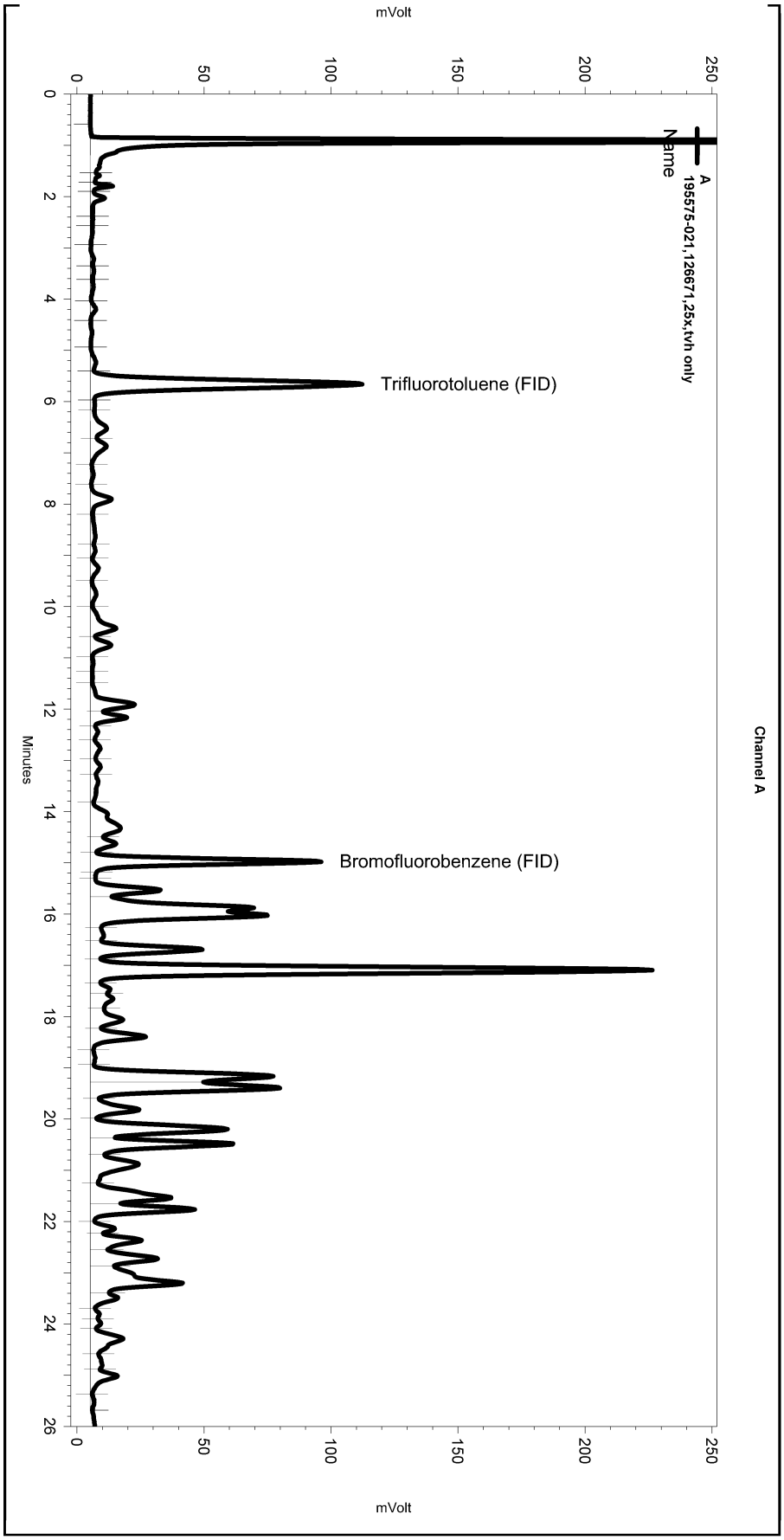
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_020

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	5.548	0	0
Yes	Split Peak	5.784	0	0
Yes	Split Peak	14.875	0	0
Yes	Split Peak	15.1	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-021,126671,25x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_009**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/26/2007 5:44:56 PM
Analysis Date: 6/27/2007 8:12:17 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

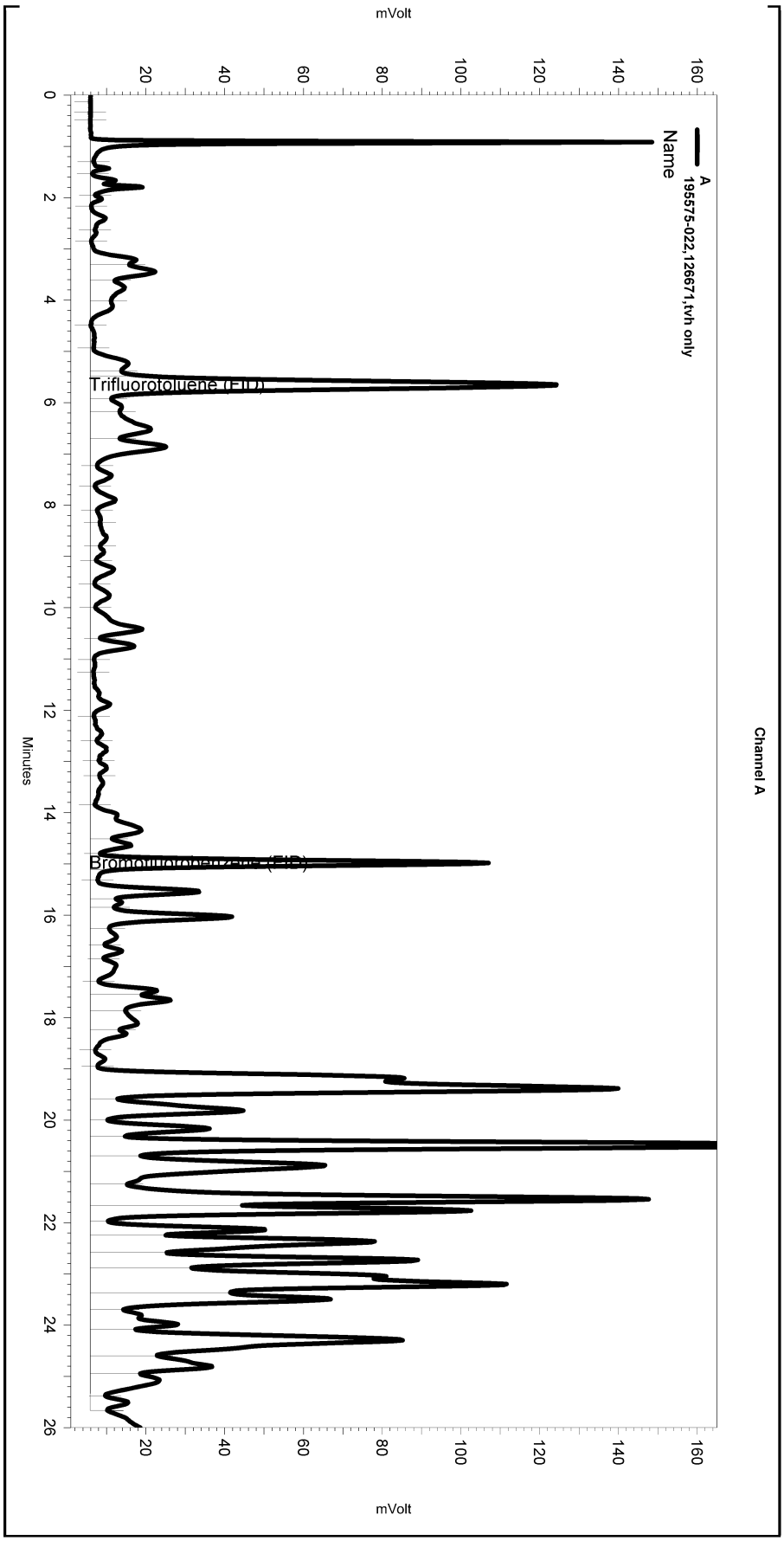
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_009

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.035	26.017	0
Yes	Split Peak	15.179	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-022,126671,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_035**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/27/2007 10:08:45 AM
Analysis Date: 6/27/2007 11:30:07 AM
Sample Amount: 0.99 Multiplier: 0.99
Vial & pH or Core ID: A



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

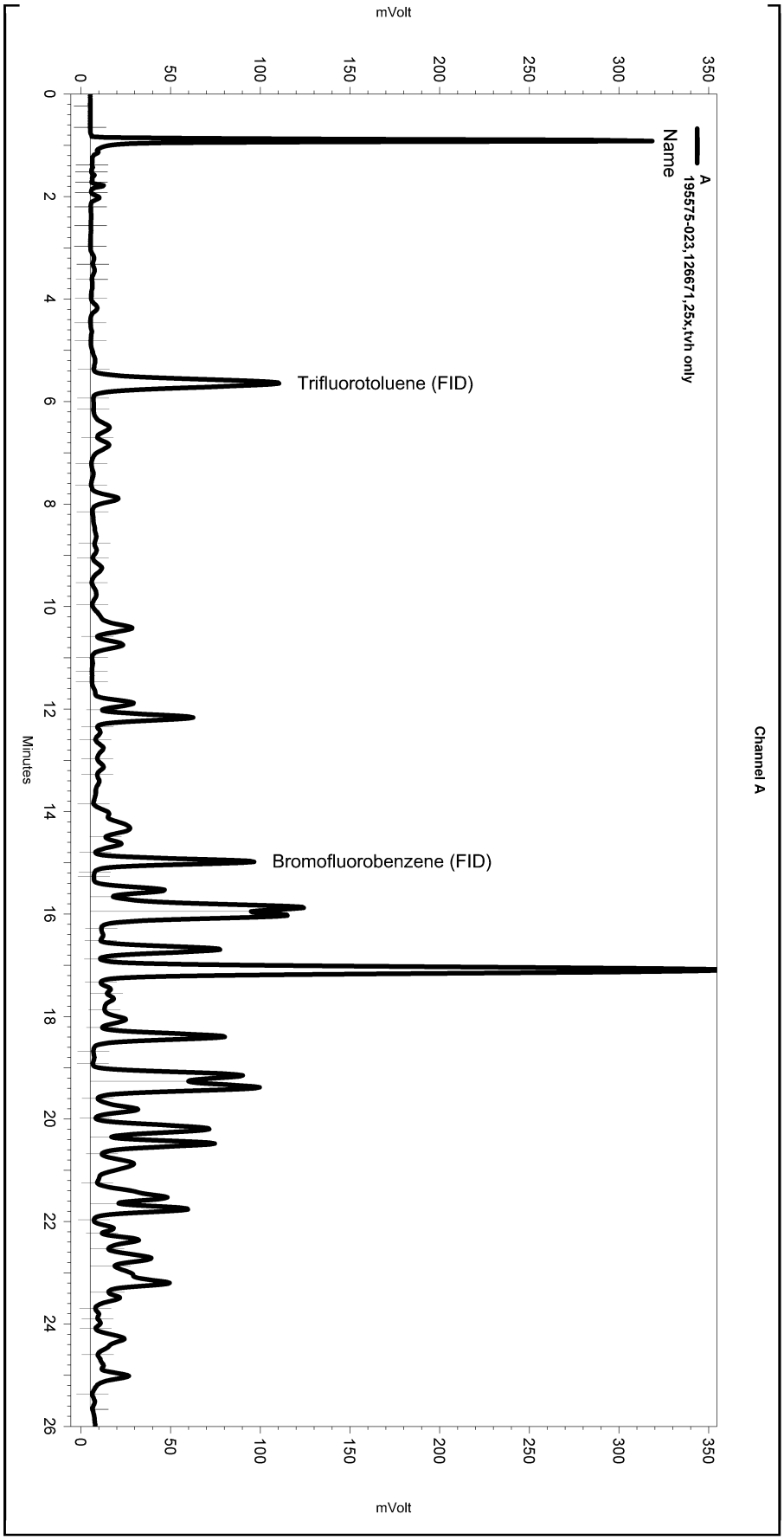
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_035

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	5.487	0	0
Yes	Split Peak	14.868	0	0
Yes	Split Peak	15.115	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-023,126671,25x,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_011**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/26/2007 6:57:54 PM
Analysis Date: 6/27/2007 8:12:26 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

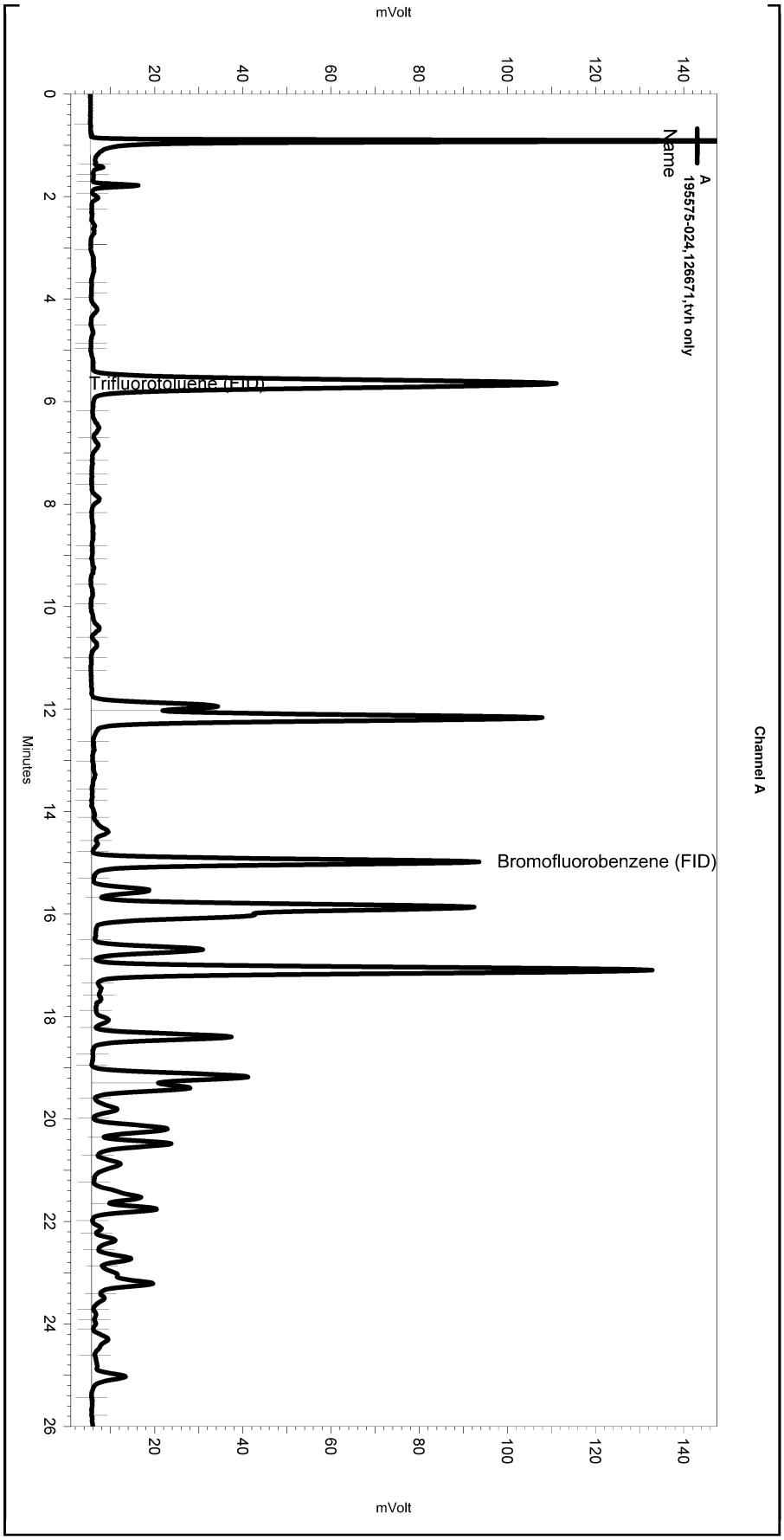
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_011

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	15.19	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195575-024,126671,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_037**
Instrument: GC05 Vial: N/A Operator: tvh analyst (lims2k3\tvh)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/27/2007 11:21:48 AM
Analysis Date: 6/27/2007 11:52:48 AM
Sample Amount: 0.5 Multiplier: 0.5
Vial & pH or Core ID: A



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

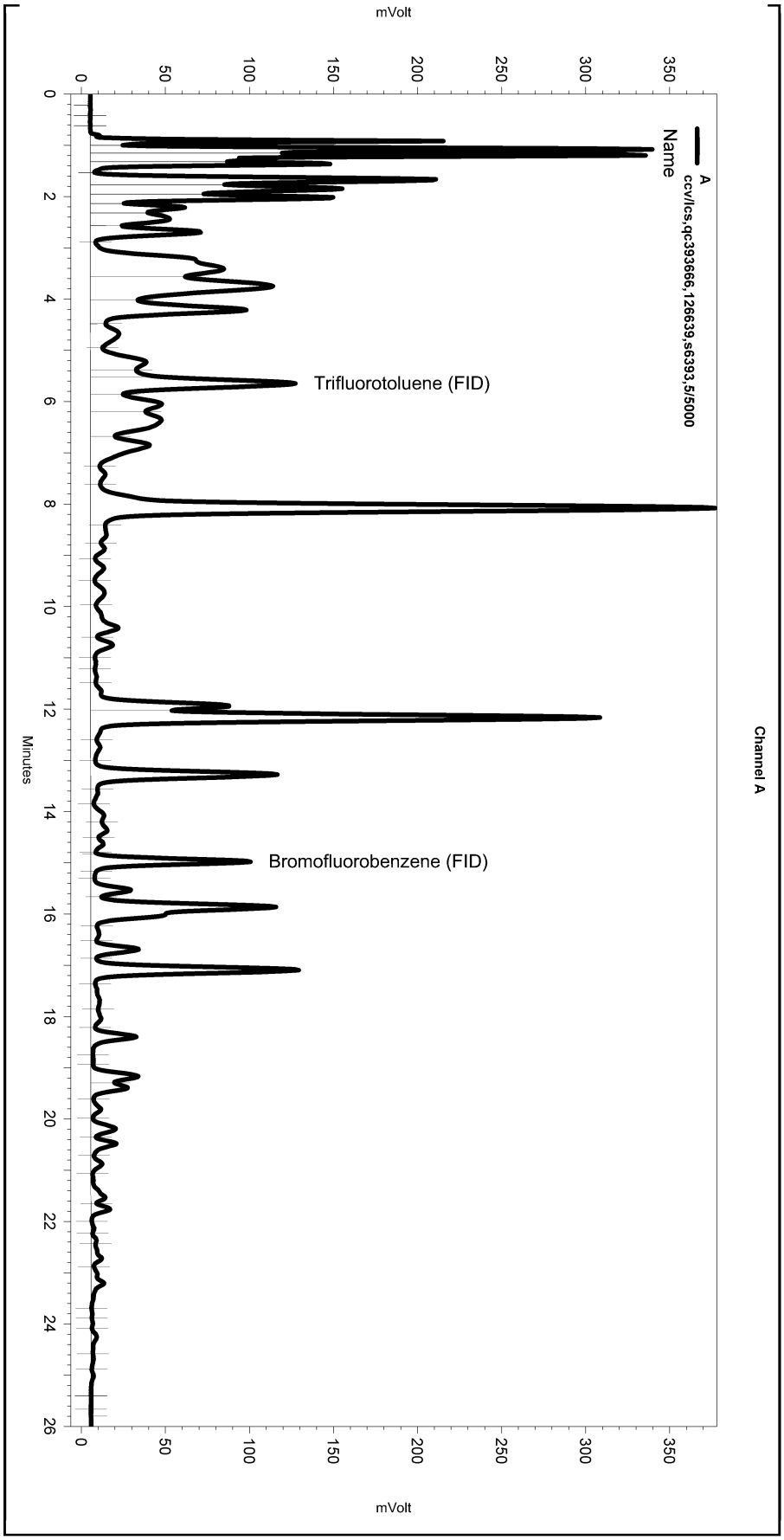
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_037

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Backward Horizontal Baseline	0	25.812	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\176.seq**
Sample Name: **ccv/lcs,qc393666,126639,s6393,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\176_004**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/25/2007 1:16:03 PM
Analysis Date: 6/26/2007 9:31:30 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\176_004

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.509	0	0
Yes	Split Peak	14.83	0	0
Yes	Split Peak	15.162	0	0

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-17-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-001	Analyzed:	06/26/07
Diln Fac:	10.00		

Analyte	Result	RL
Diesel C10-C24	830 H L Y	10
Motor Oil C24-C36	2,900 H L	50

Surrogate	%REC	Limits
Hexacosane	DO	40-127

Field ID:	A1-18-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-002	Analyzed:	06/26/07
Diln Fac:	2.000		

Analyte	Result	RL
Diesel C10-C24	230 H L Y	2.0
Motor Oil C24-C36	800 H L	10

Surrogate	%REC	Limits
Hexacosane	95	40-127

Field ID:	A1-19-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-003	Analyzed:	06/26/07
Diln Fac:	2.000		

Analyte	Result	RL
Diesel C10-C24	140 H Y	2.0
Motor Oil C24-C36	570 H L	10

Surrogate	%REC	Limits
Hexacosane	121	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-20-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-004	Analyzed:	06/25/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	24 H L Y	1.0
Motor Oil C24-C36	23 H L	5.0

Surrogate	%REC	Limits
Hexacosane	105	40-127

Field ID:	A1-21-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-005	Analyzed:	06/25/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	12 H L Y	1.0
Motor Oil C24-C36	25 H L	5.0

Surrogate	%REC	Limits
Hexacosane	104	40-127

Field ID:	A1-22-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-006	Analyzed:	06/25/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	85 H L Y	1.0
Motor Oil C24-C36	10	5.0

Surrogate	%REC	Limits
Hexacosane	103	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-23-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-007	Analyzed:	06/25/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	55 H L Y	0.99
Motor Oil C24-C36	23 H L	5.0

Surrogate	%REC	Limits
Hexacosane	103	40-127

Field ID:	A1-24-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-008	Analyzed:	06/25/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	100 L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	102	40-127

Field ID:	A1-25-15'	Batch#:	126594
Type:	SAMPLE	Prepared:	06/23/07
Lab ID:	195575-009	Analyzed:	06/25/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	120 H Y	1.0
Motor Oil C24-C36	390 H L	5.0

Surrogate	%REC	Limits
Hexacosane	68	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-26-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-010	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	36 H L Y	1.0
Motor Oil C24-C36	51 L	5.0

Surrogate	%REC	Limits
Hexacosane	105	40-127

Field ID:	A1-27-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-011	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	29 H L Y	1.0
Motor Oil C24-C36	65 H L	5.0

Surrogate	%REC	Limits
Hexacosane	75	40-127

Field ID:	A1-28-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-012	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	31 H L Y	1.0
Motor Oil C24-C36	40 H L	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-29-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-013	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	19 H L Y	1.0
Motor Oil C24-C36	8.1 L	5.0

Surrogate	%REC	Limits
Hexacosane	92	40-127

Field ID:	A1-30-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-014	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	14 H L Y	1.0
Motor Oil C24-C36	13 H L	5.0

Surrogate	%REC	Limits
Hexacosane	100	40-127

Field ID:	A1-31-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-015	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	7.8 H L Y	1.0
Motor Oil C24-C36	7.6 H L	5.0

Surrogate	%REC	Limits
Hexacosane	99	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-32-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-016	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	16 L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	101	40-127

Field ID:	A1-33-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-017	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	23 H Y	1.0
Motor Oil C24-C36	110 H	5.0

Surrogate	%REC	Limits
Hexacosane	103	40-127

Field ID:	A1-34-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-018	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	59 H Y	1.0
Motor Oil C24-C36	220 H	5.0

Surrogate	%REC	Limits
Hexacosane	101	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-35-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-019	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	23 H L Y	1.0
Motor Oil C24-C36	100 H L	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

Field ID:	A1-36-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-020	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	94	40-127

Field ID:	A1-37-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-021	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	51 H L Y	1.0
Motor Oil C24-C36	14 H L	5.0

Surrogate	%REC	Limits
Hexacosane	106	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Field ID:	A1-38-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-022	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	20 H L Y	1.0
Motor Oil C24-C36	6.9 L	5.0

Surrogate	%REC	Limits
Hexacosane	88	40-127

Field ID:	A1-39-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-023	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	43 H L Y	1.0
Motor Oil C24-C36	11 L	5.0

Surrogate	%REC	Limits
Hexacosane	99	40-127

Field ID:	A1-40-15'	Batch#:	126602
Type:	SAMPLE	Prepared:	06/24/07
Lab ID:	195575-024	Analyzed:	06/26/07
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	12 L Y	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	102	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received		

Type:	BLANK	Batch#:	126594
Lab ID:	QC393507	Prepared:	06/23/07
Diln Fac:	1.000	Analyzed:	06/25/07

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	110	40-127

Type:	BLANK	Batch#:	126602
Lab ID:	QC393525	Prepared:	06/24/07
Diln Fac:	1.000	Analyzed:	06/26/07

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	95	40-127

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC393508	Batch#:	126594
Matrix:	Soil	Prepared:	06/23/07
Units:	mg/Kg	Analyzed:	06/24/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.69	47.16	95	58-127

Surrogate	%REC	Limits
Hexacosane	103	40-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	126594
MSS Lab ID:	195480-026	Sampled:	06/18/07
Matrix:	Soil	Received:	06/19/07
Units:	mg/Kg	Prepared:	06/23/07
Basis:	as received	Analyzed:	06/25/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC393509

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	13.96	49.91	70.95	114	29-147

Surrogate	%REC	Limits
Hexacosane	115	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC393510

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.81	61.17	95	29-147	15	46

Surrogate	%REC	Limits
Hexacosane	110	40-127

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC393526	Batch#:	126602
Matrix:	Soil	Prepared:	06/24/07
Units:	mg/Kg	Analyzed:	06/26/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.49	51.60	102	58-127

Surrogate	%REC	Limits
Hexacosane	105	40-127

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	126602
MSS Lab ID:	195489-002	Sampled:	06/18/07
Matrix:	Soil	Received:	06/19/07
Units:	mg/Kg	Prepared:	06/24/07
Basis:	as received	Analyzed:	06/26/07
Diln Fac:	20.00		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC393527

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	1,104	50.27	703.7	-795 NM	29-147

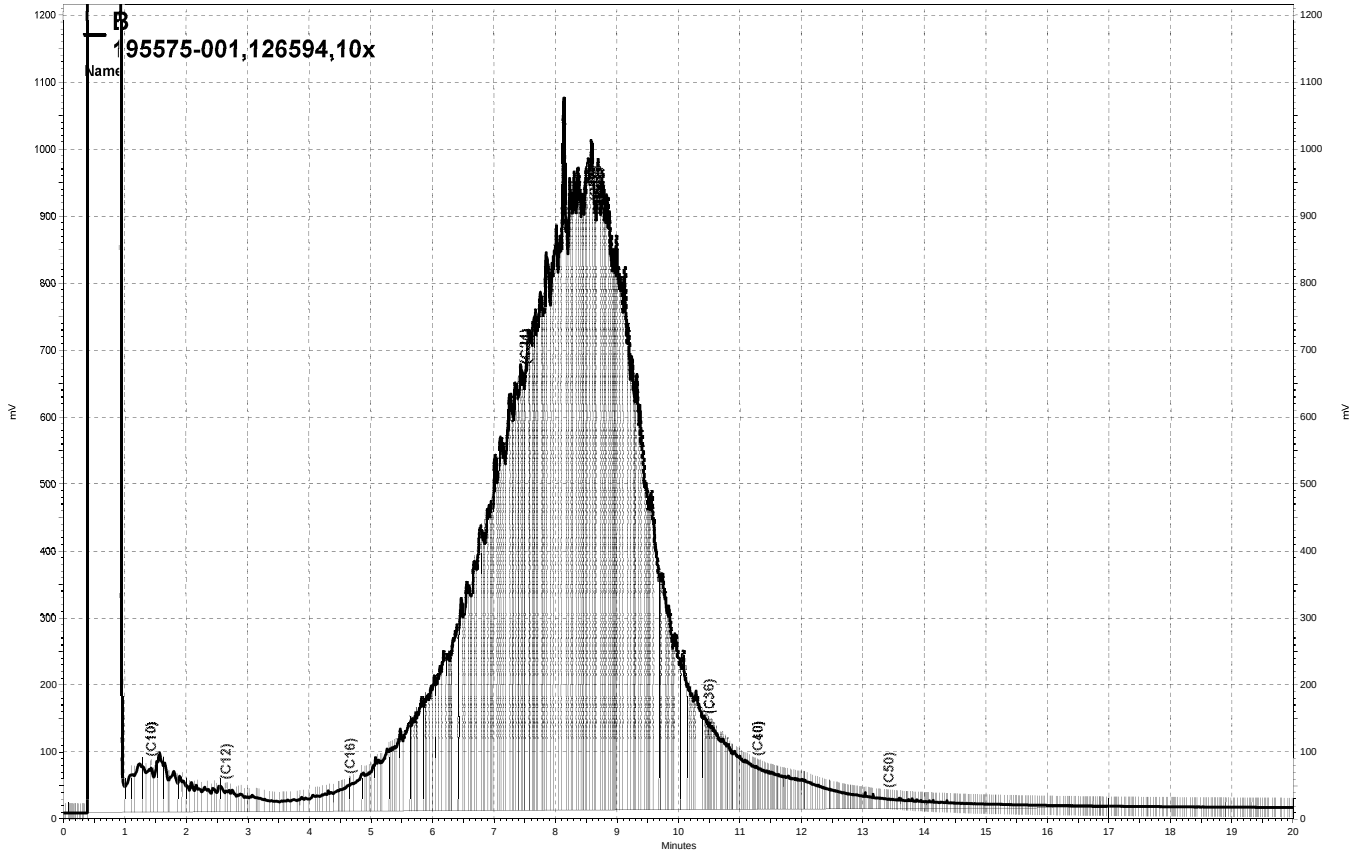
Surrogate	%REC	Limits
Hexacosane	DO	40-127

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC393528

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.01	1,036	-136 NM	29-147	38	46

Surrogate	%REC	Limits
Hexacosane	DO	40-127

DO= Diluted Out
NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference



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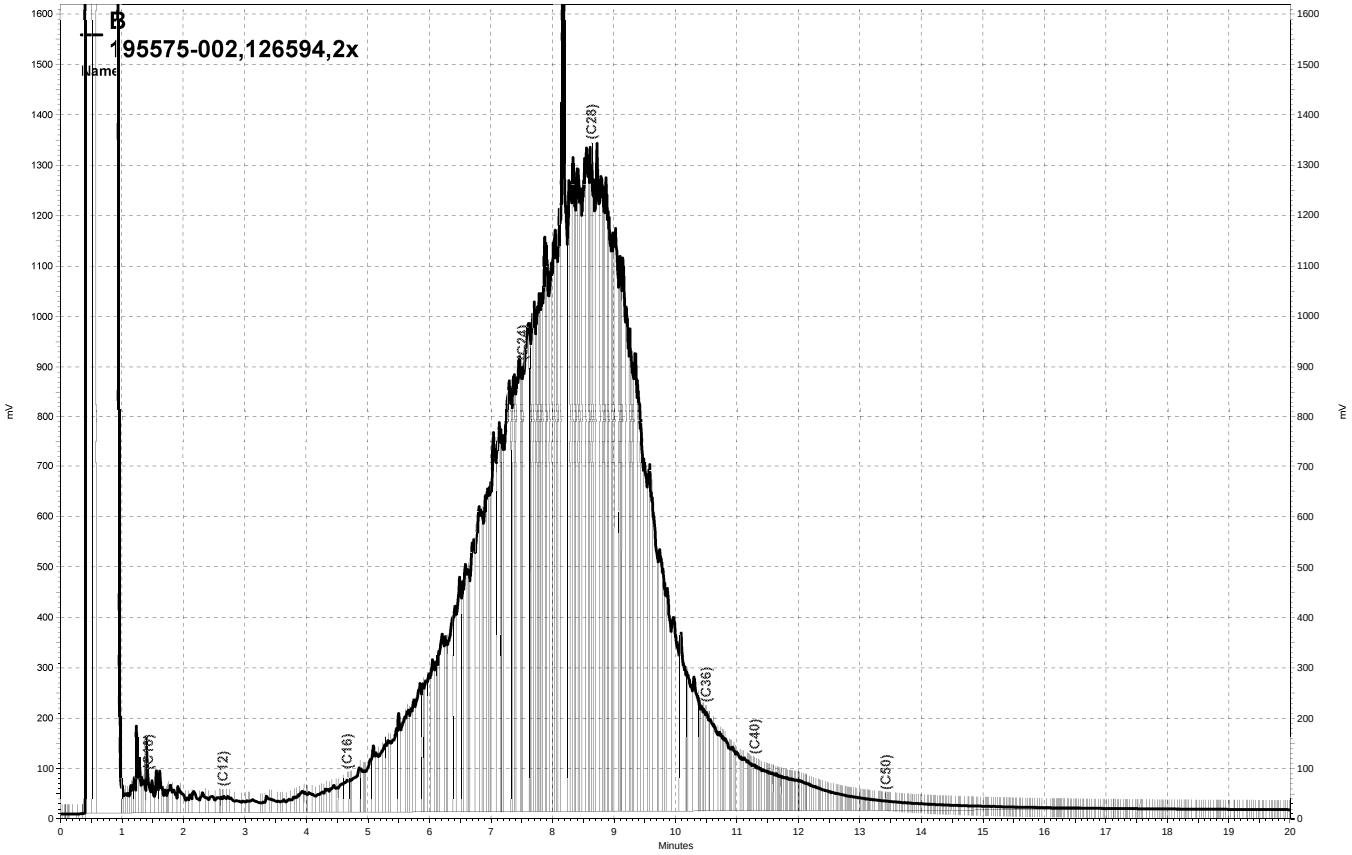

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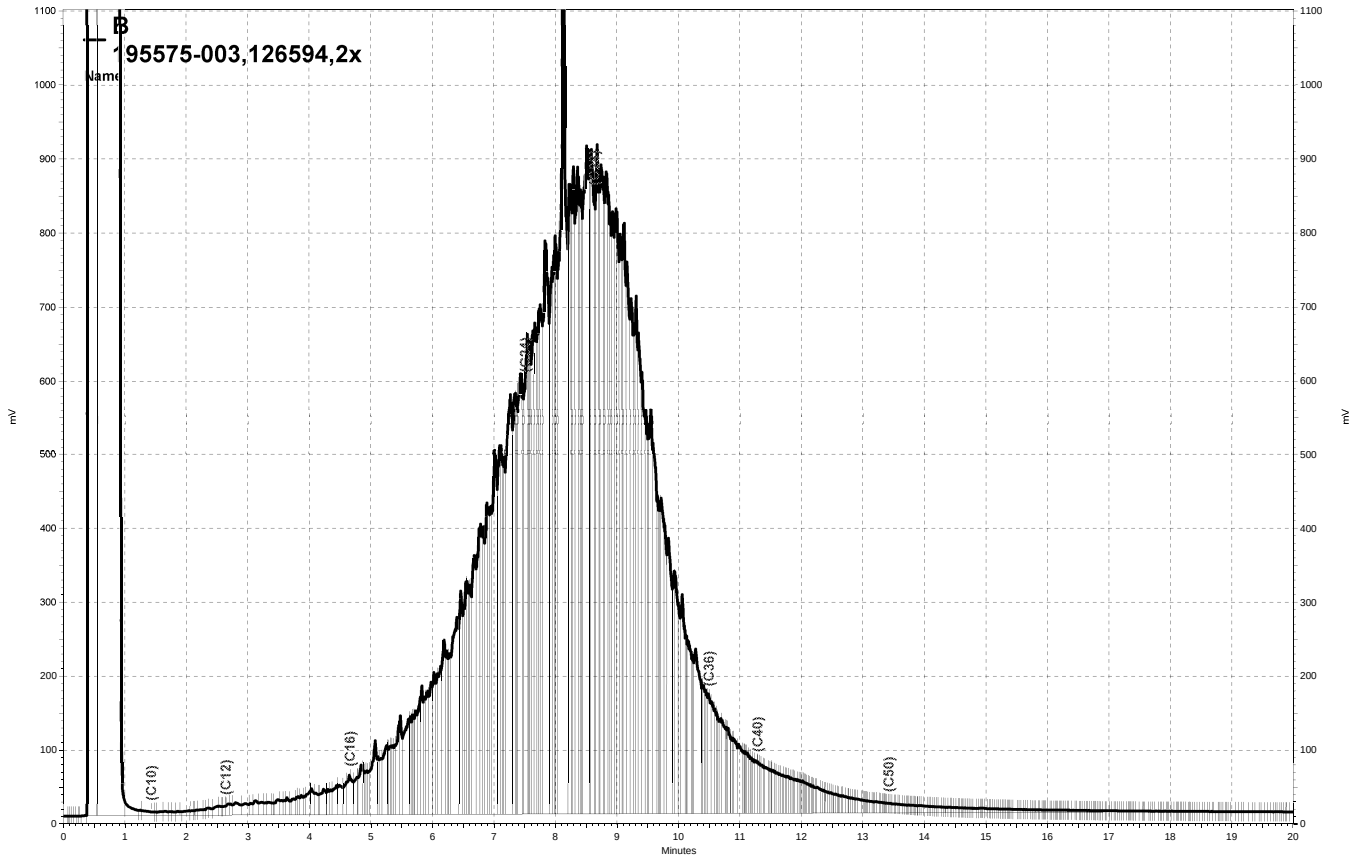

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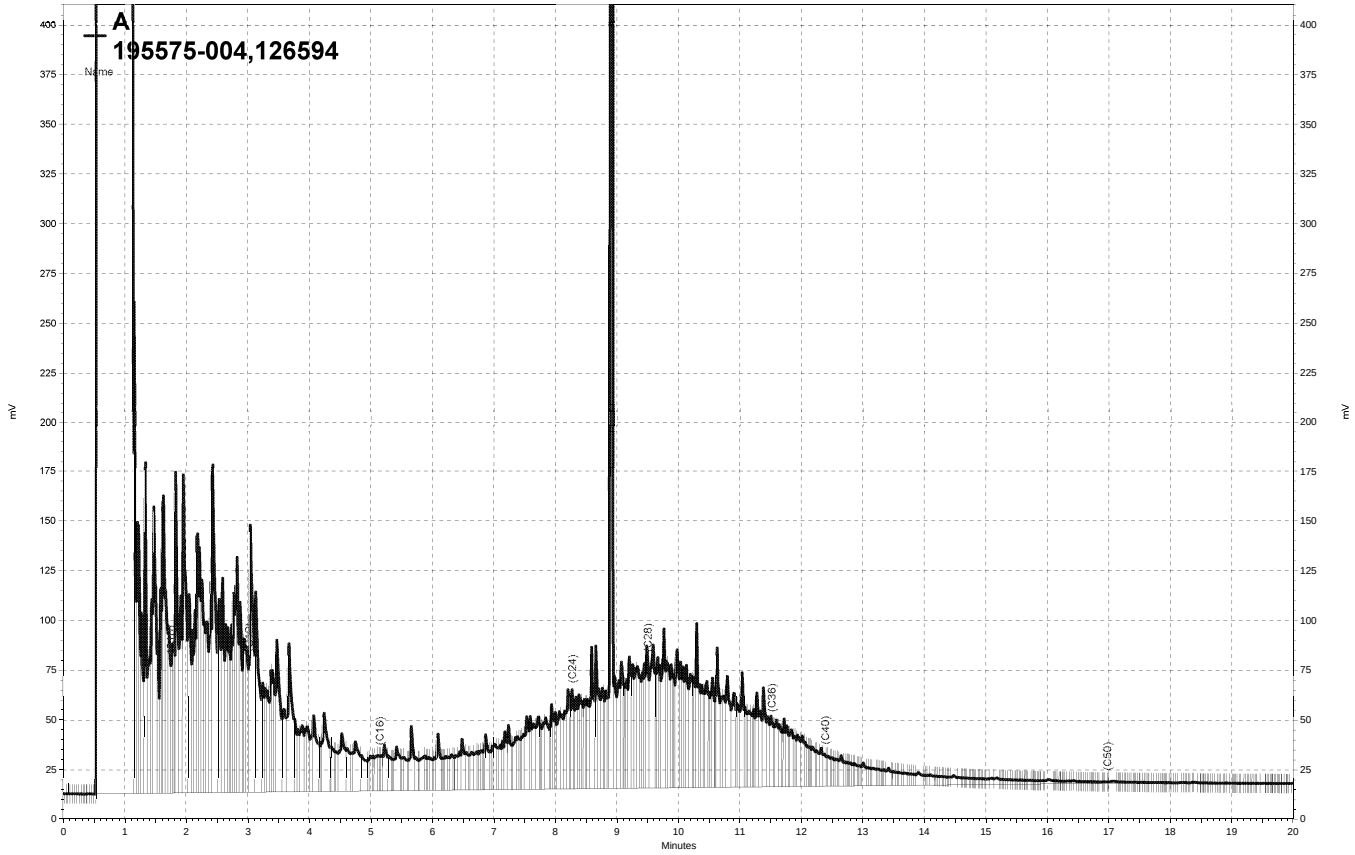

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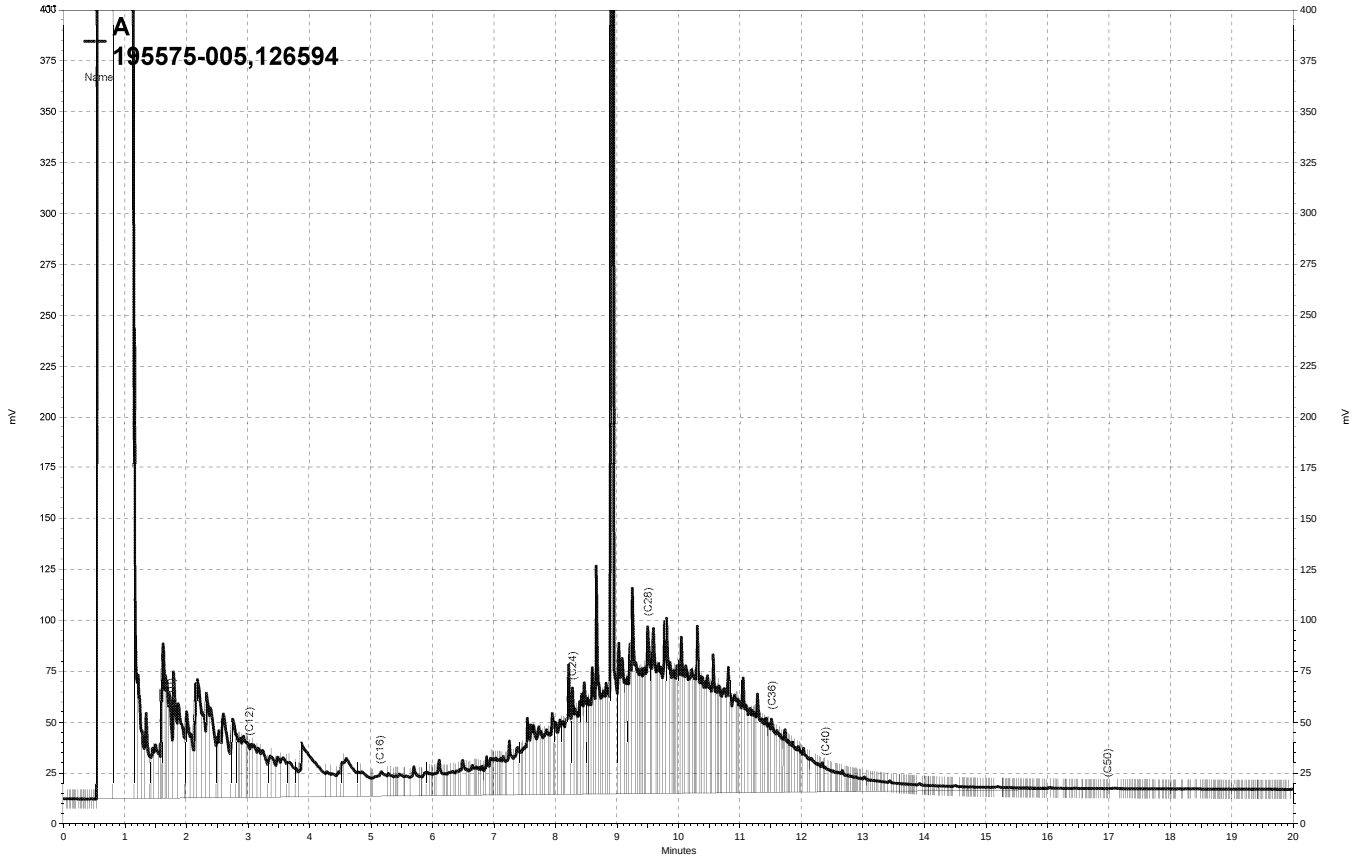

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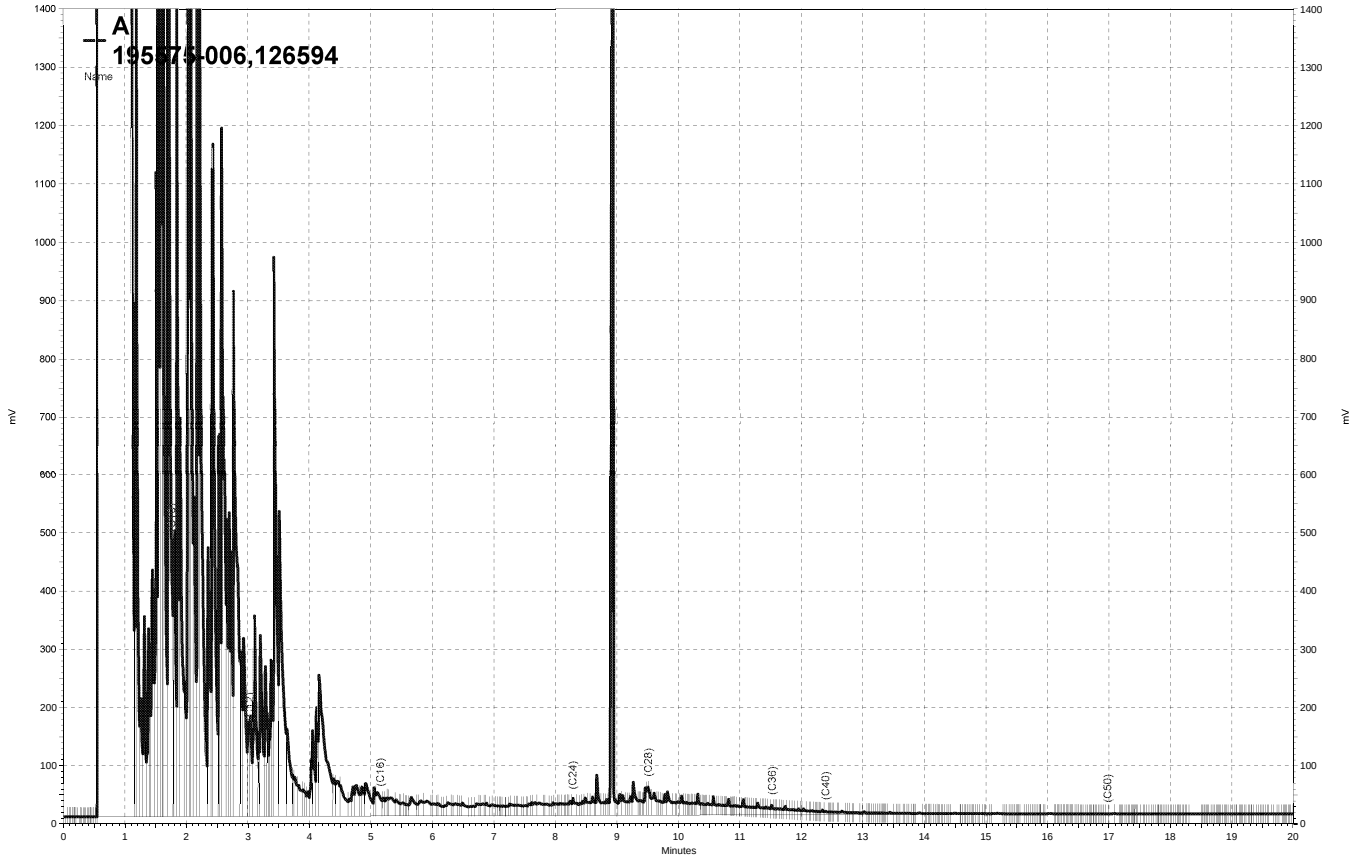

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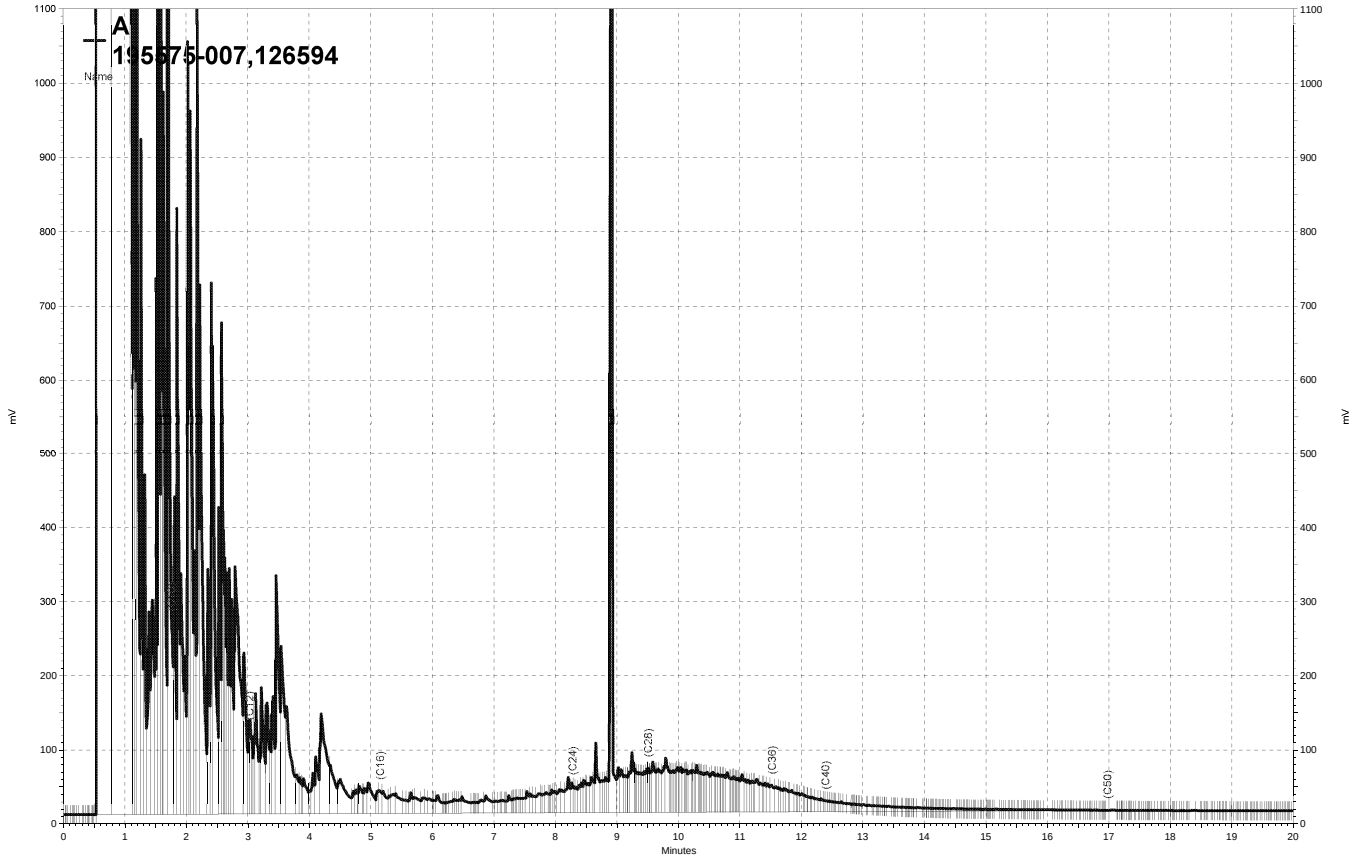

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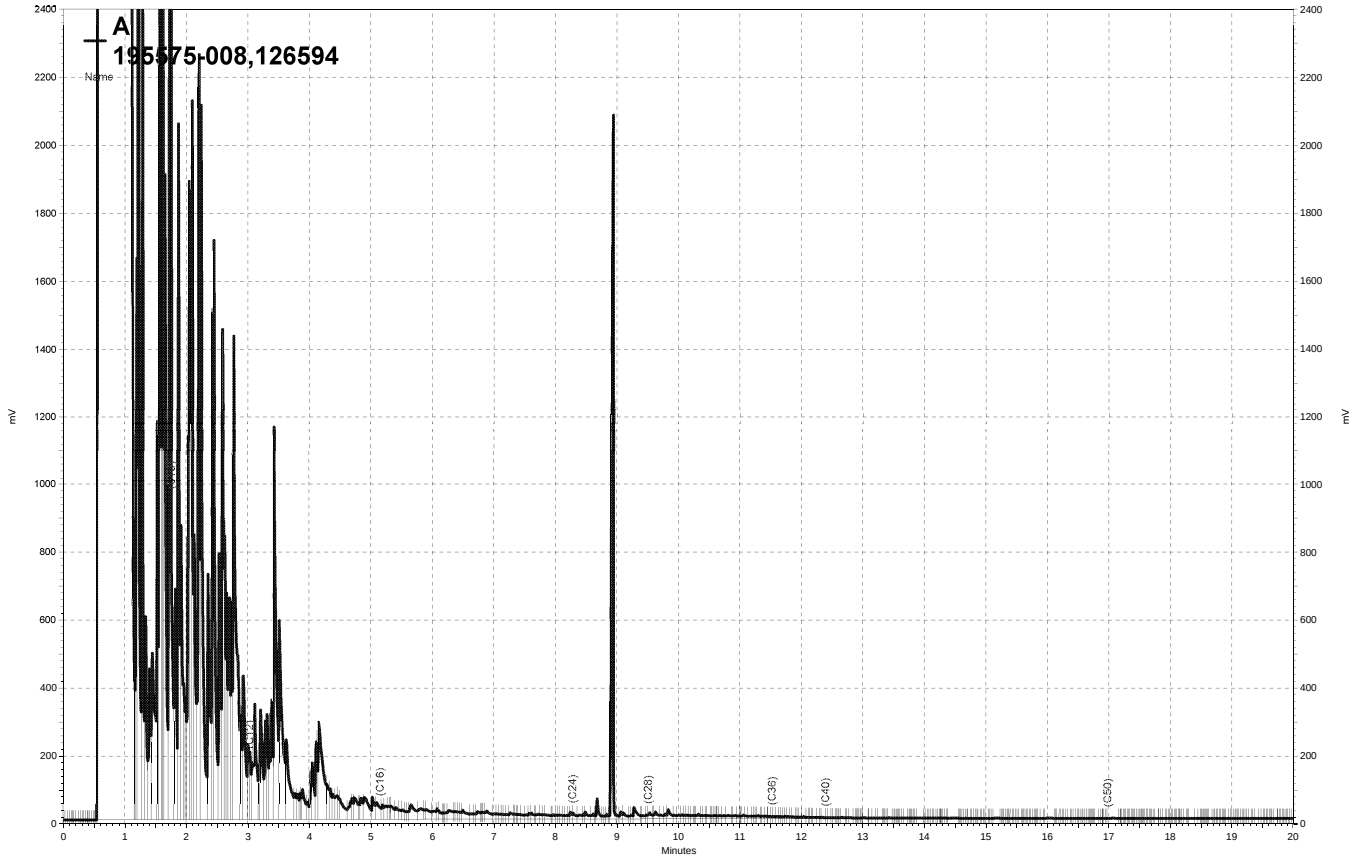

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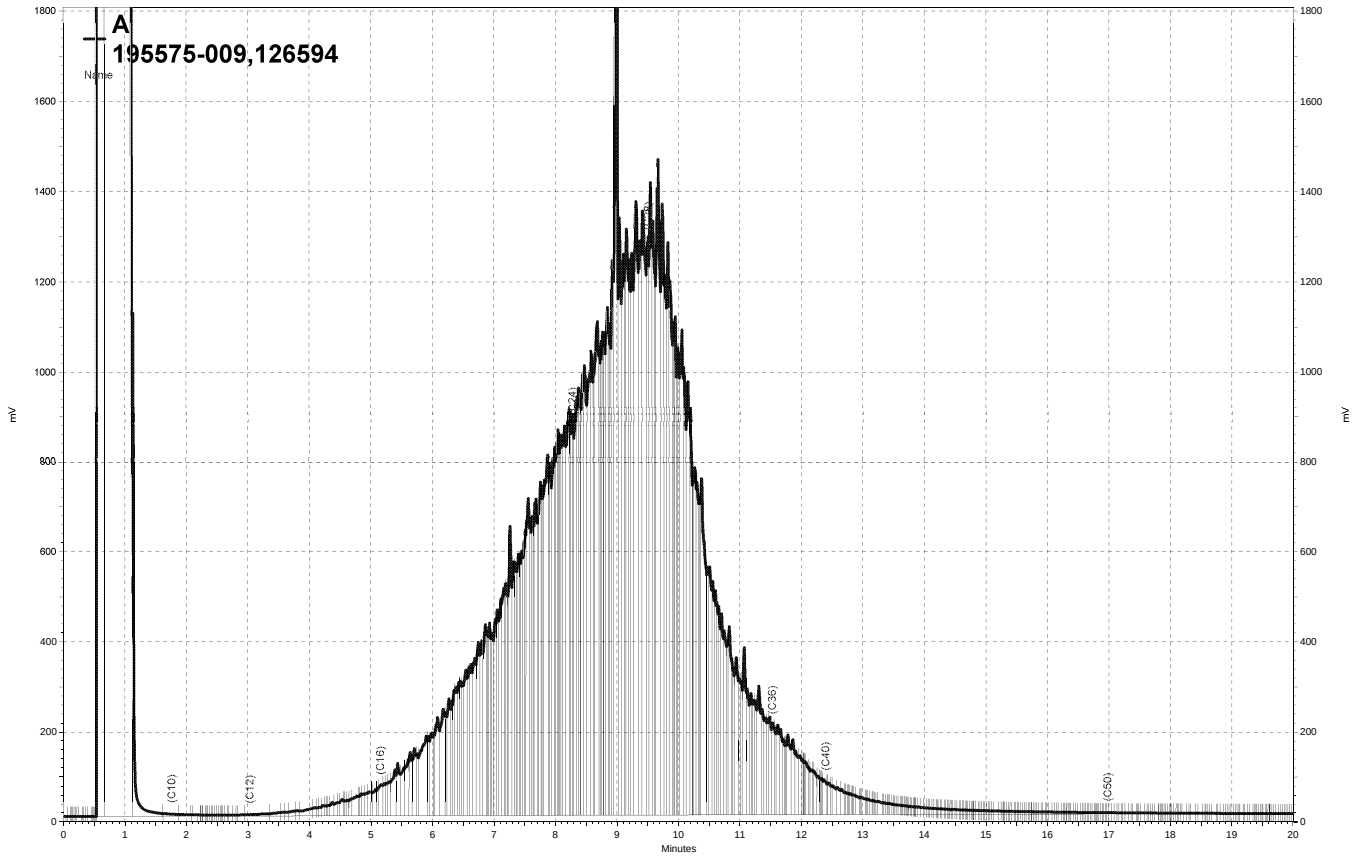

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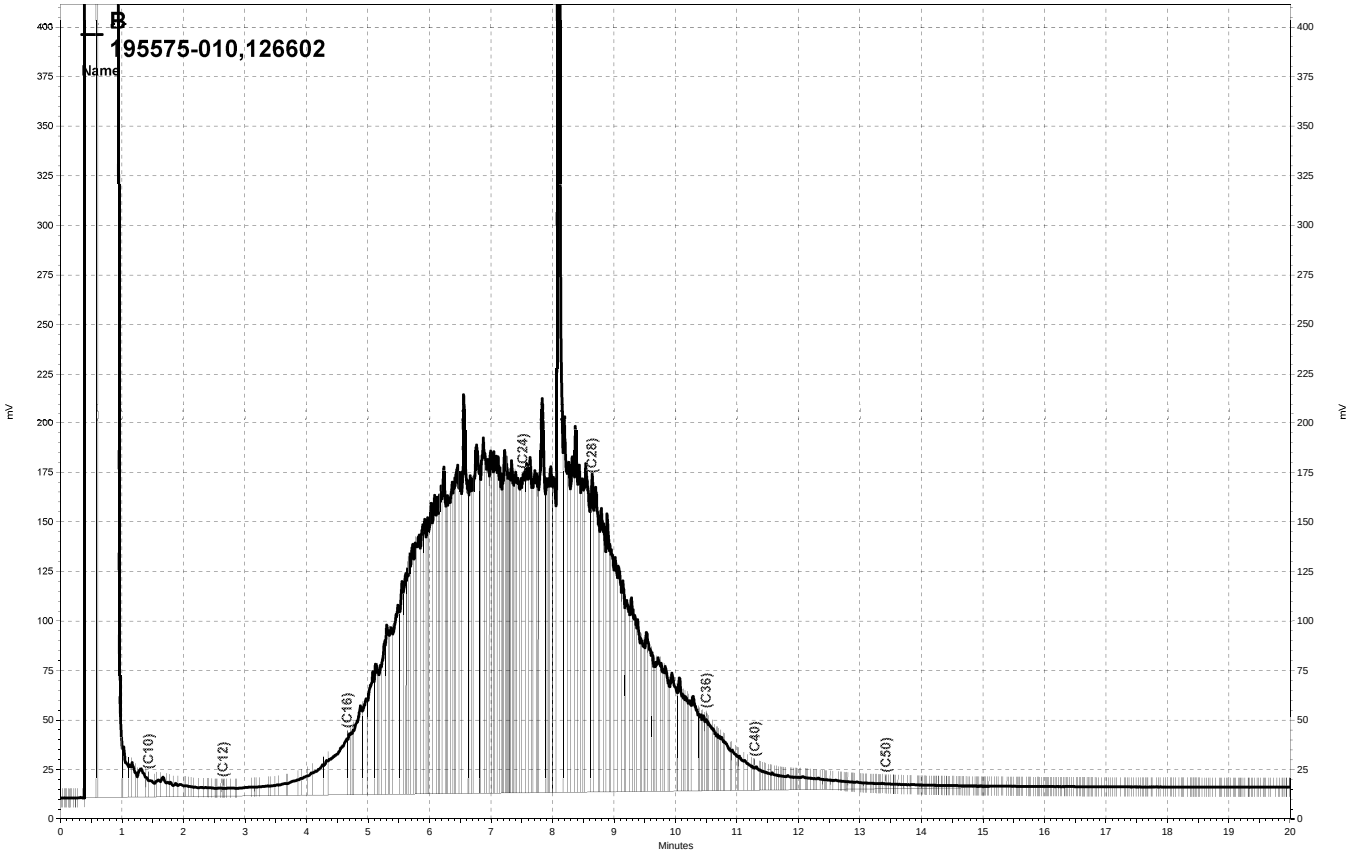

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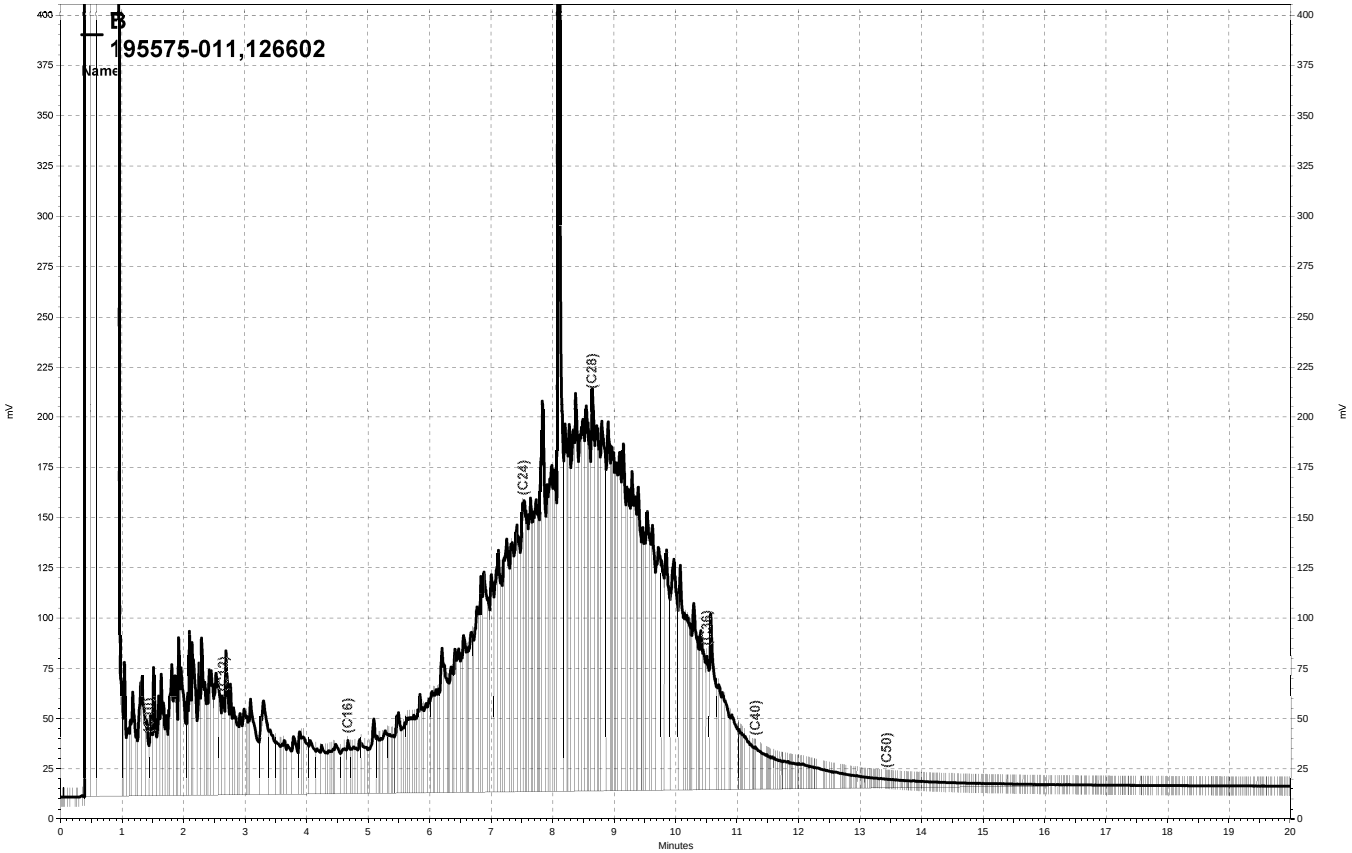

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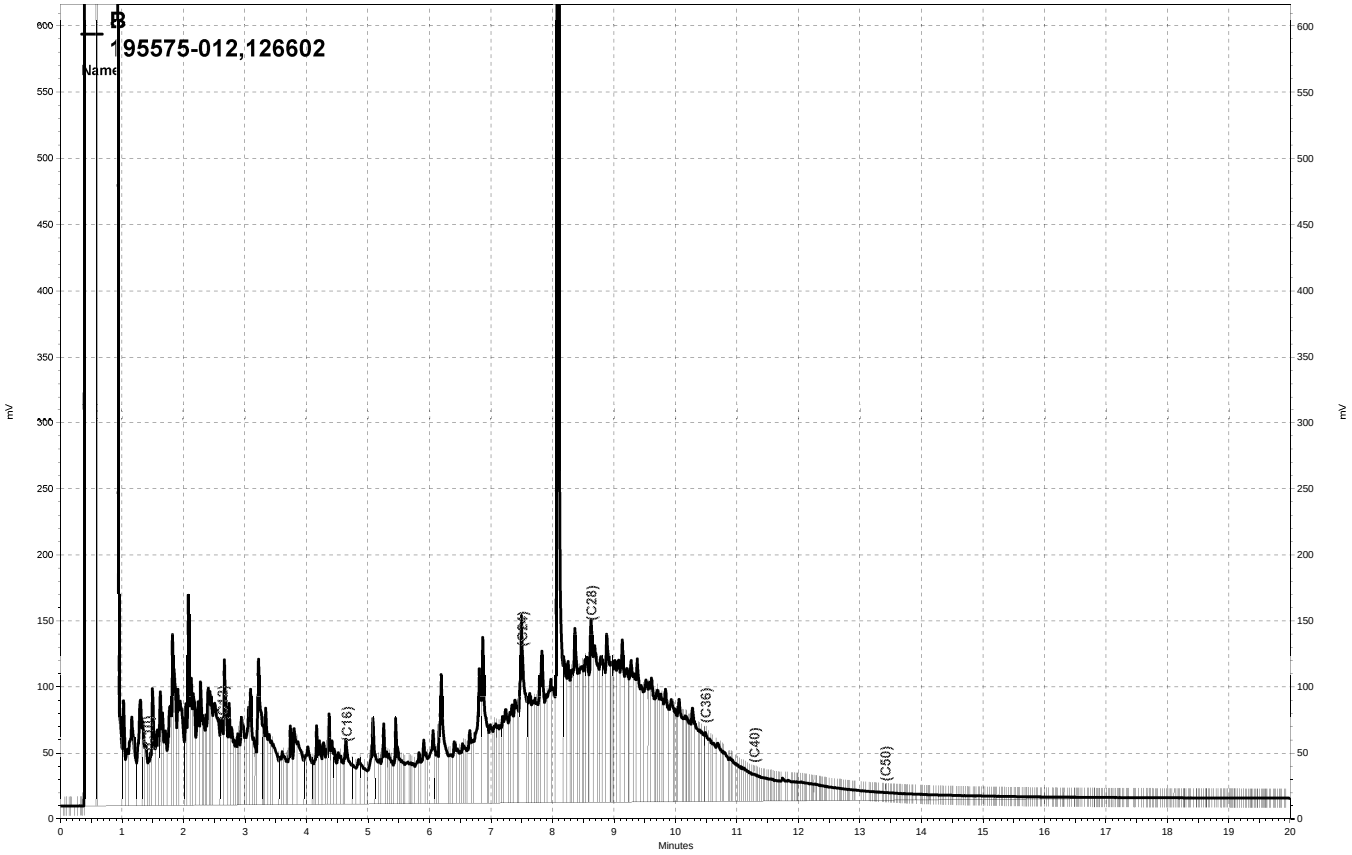

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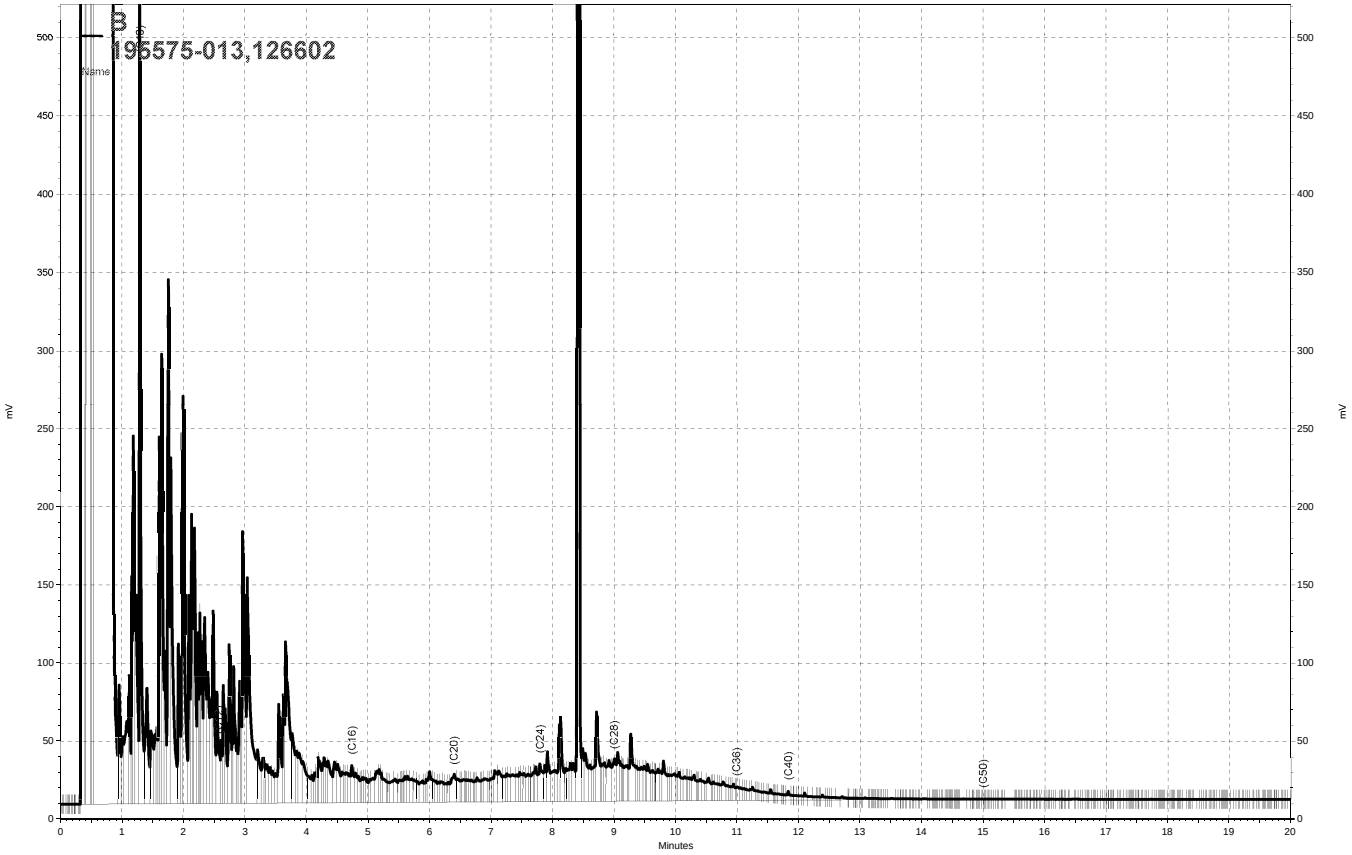

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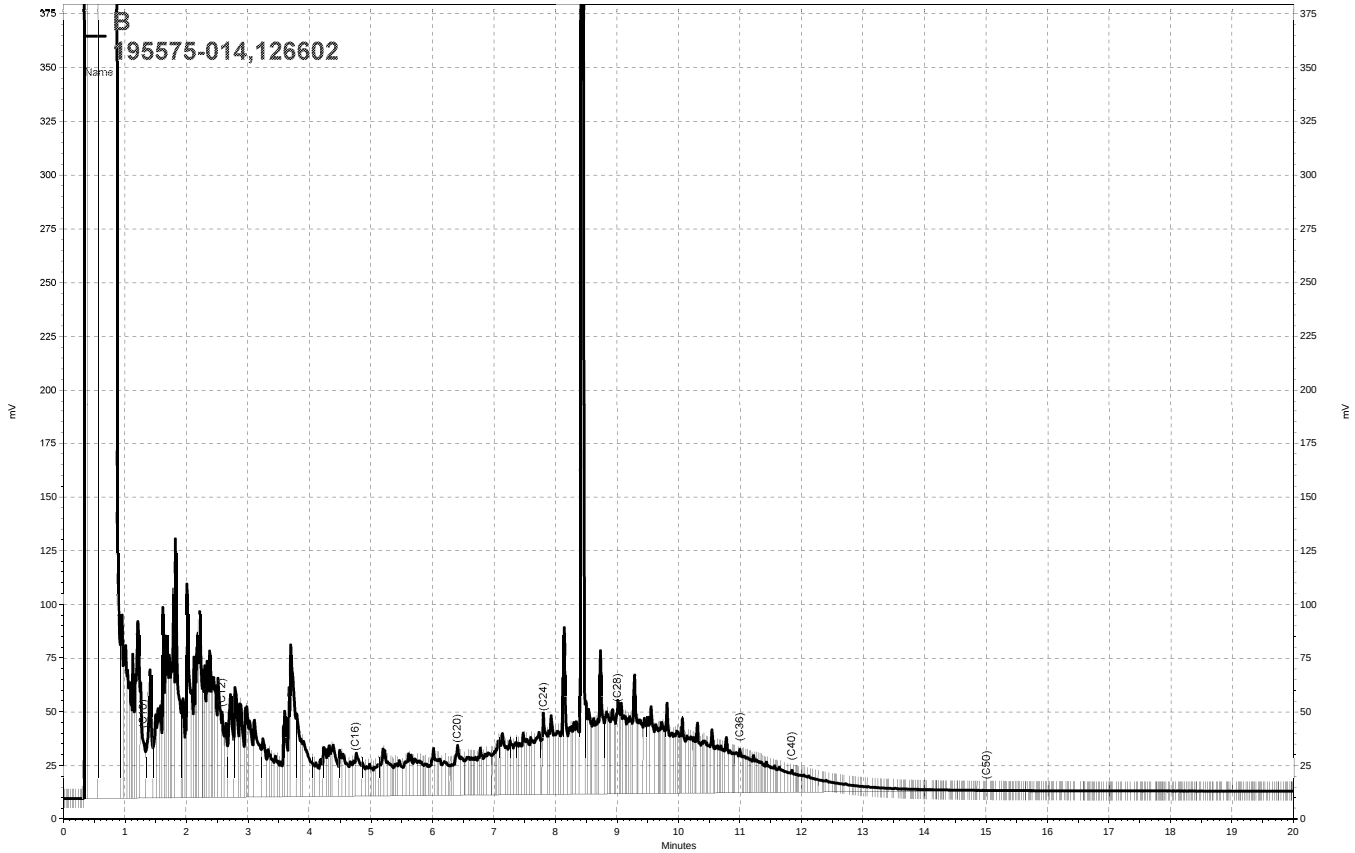

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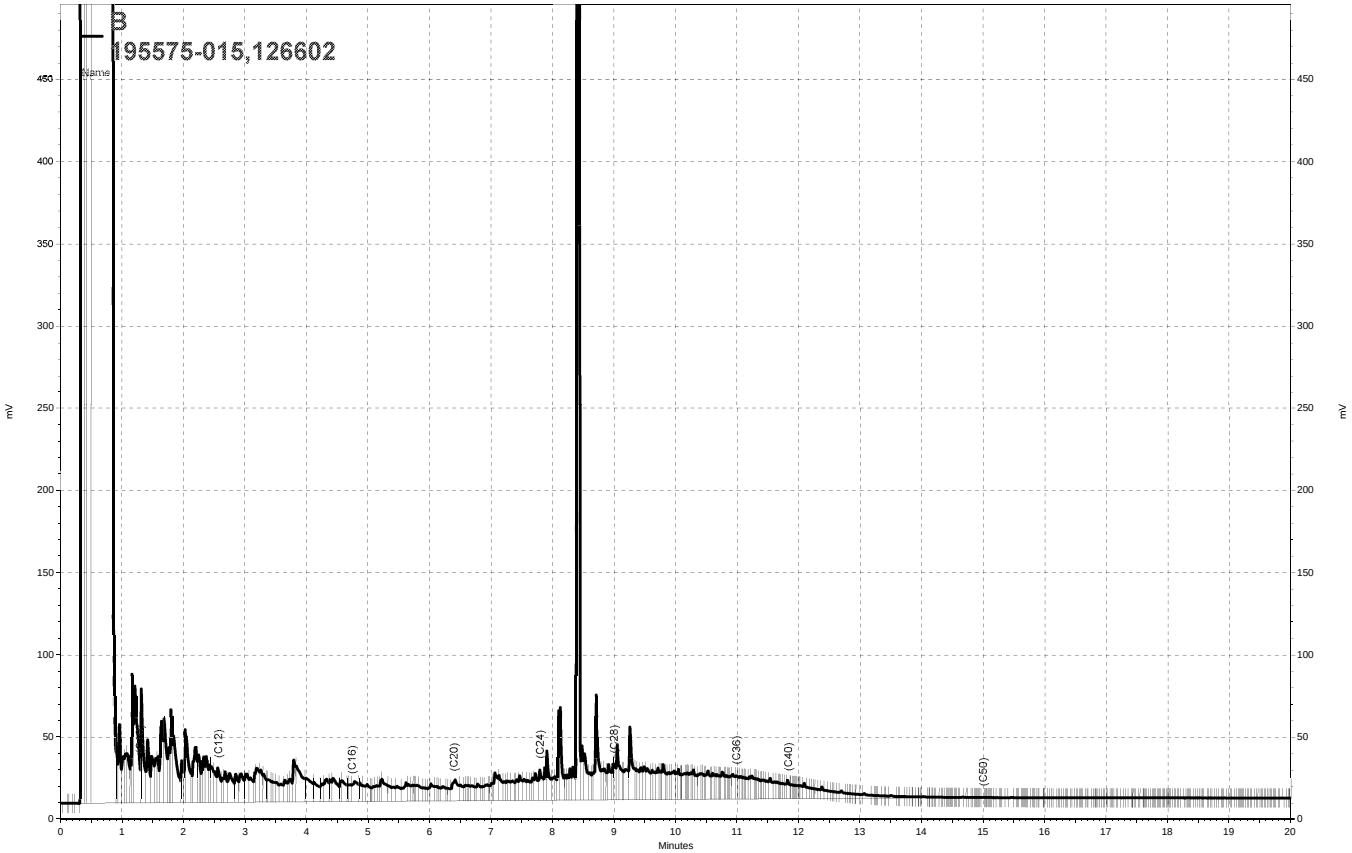

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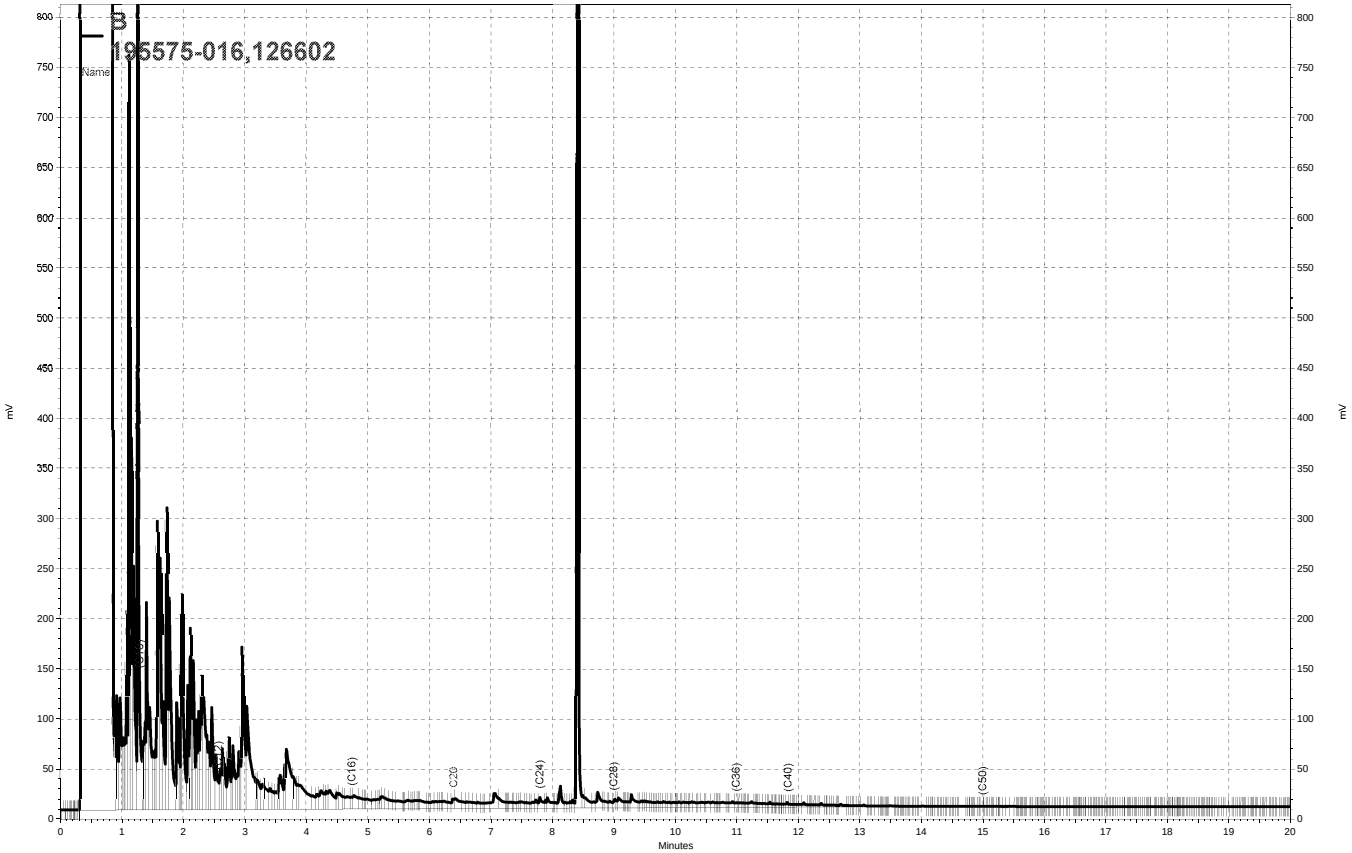

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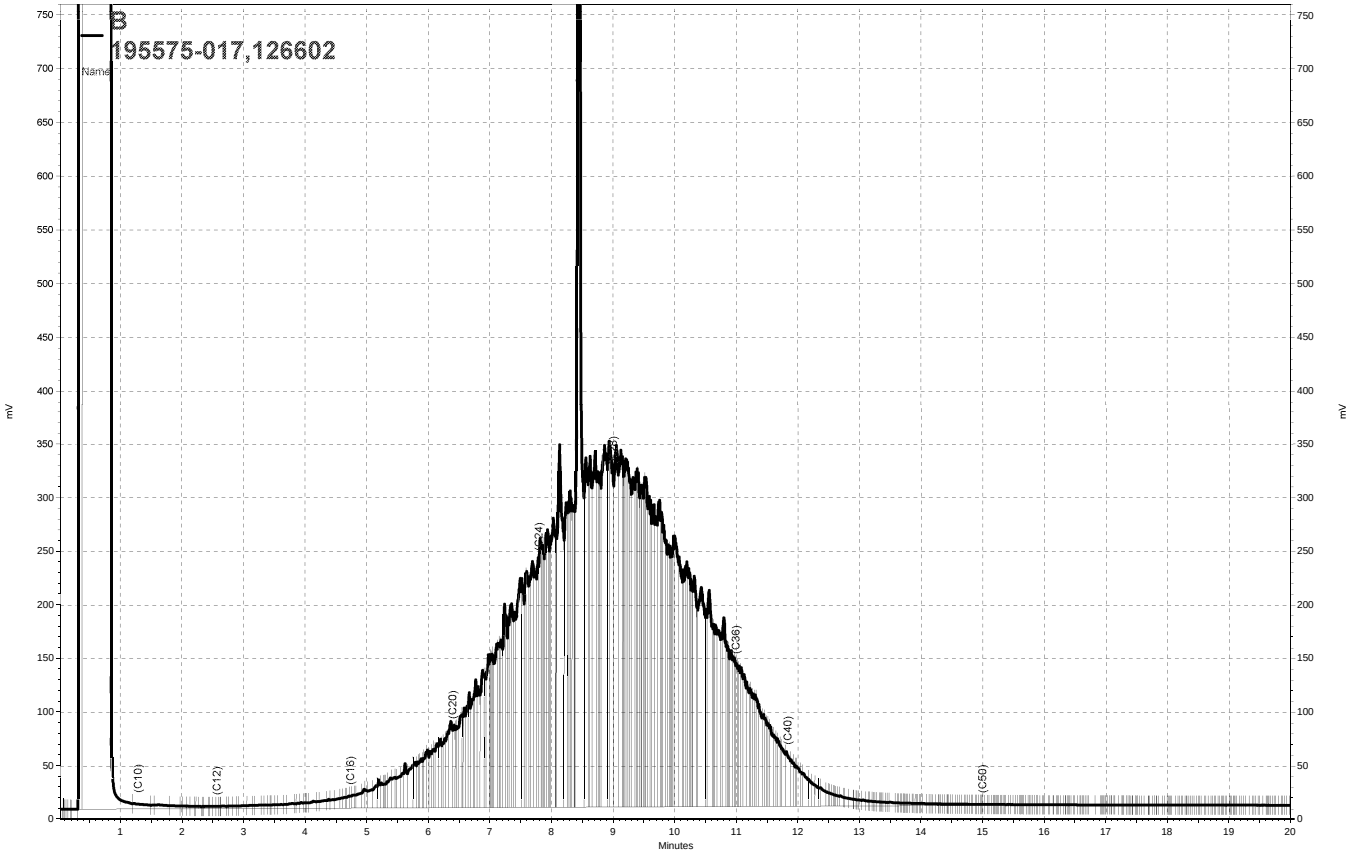

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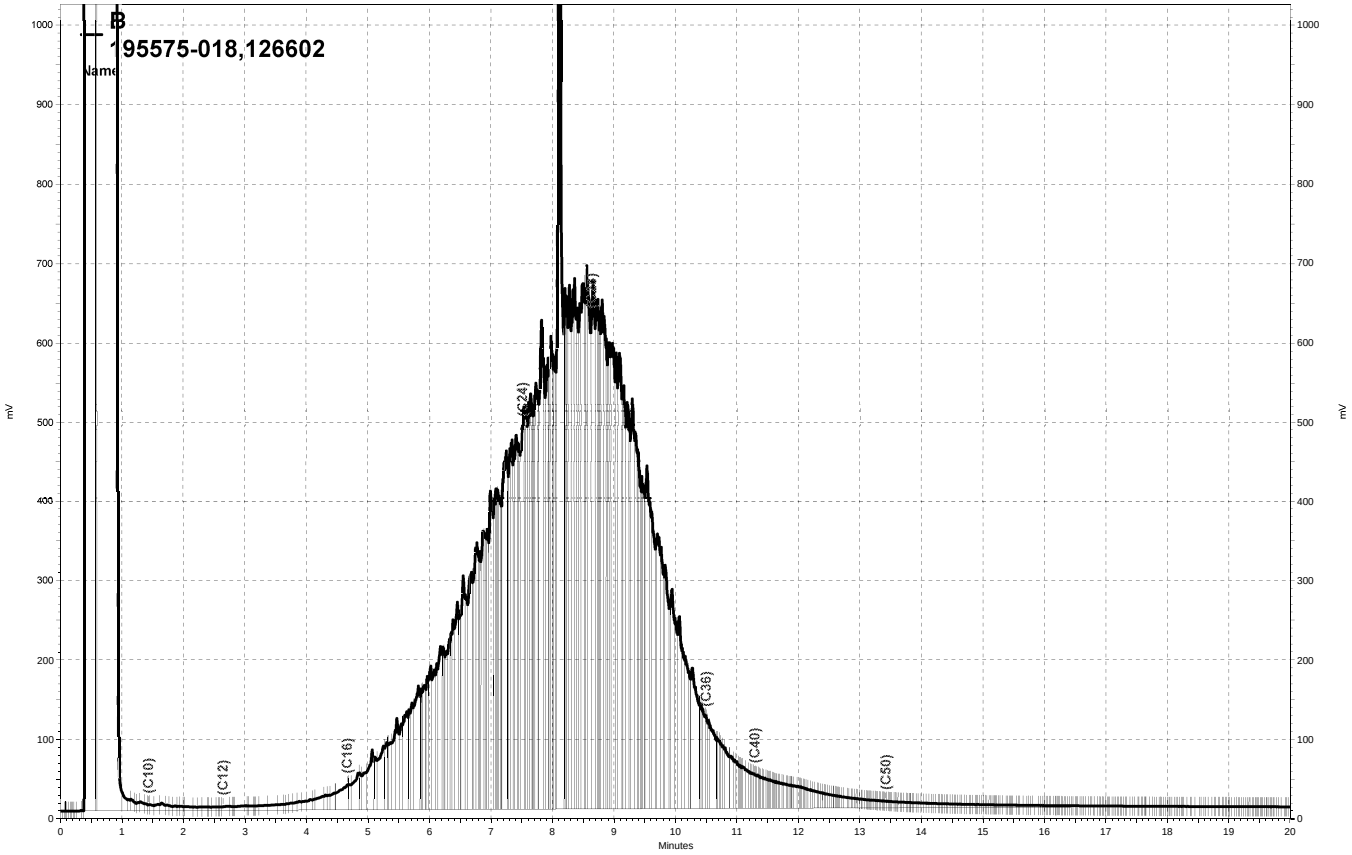

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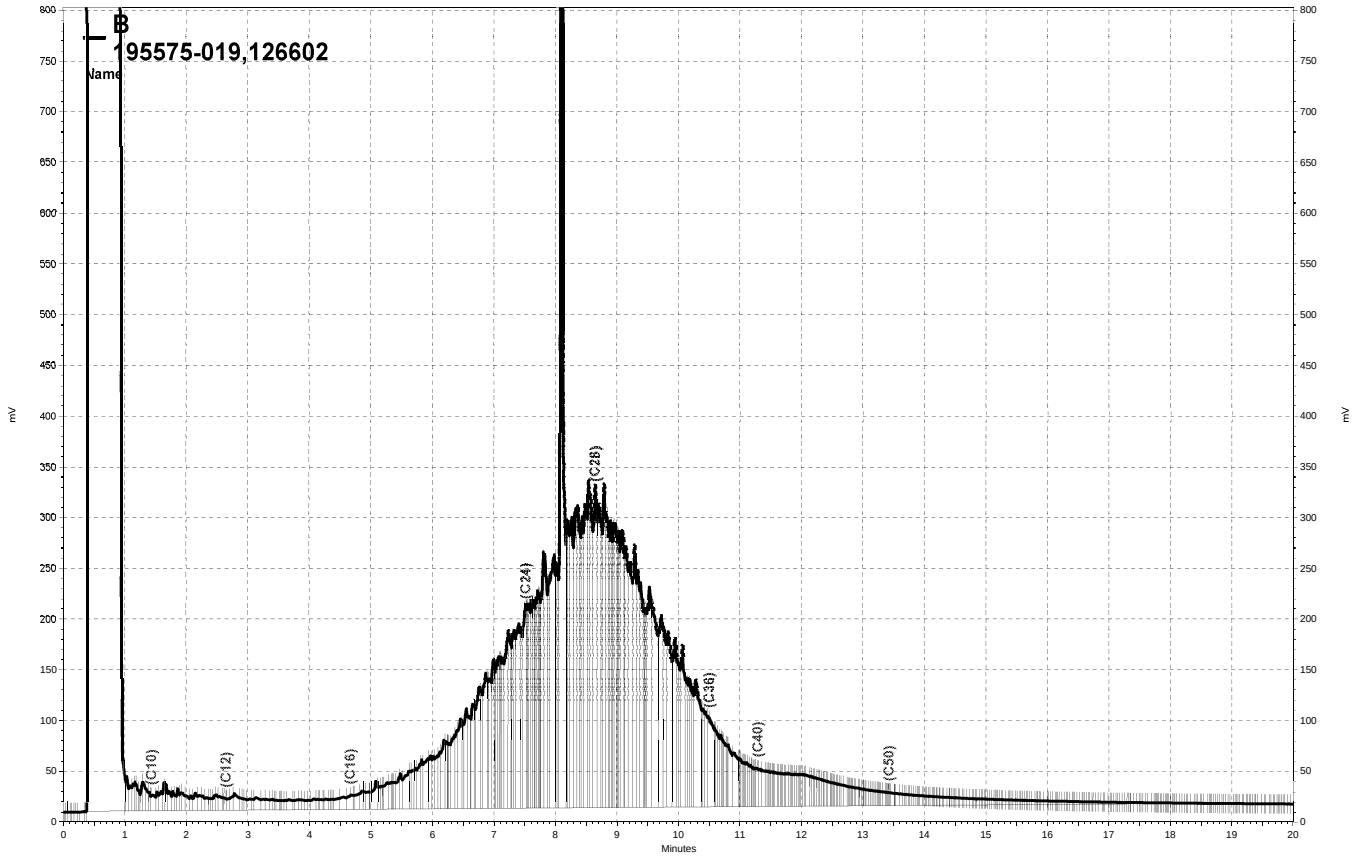

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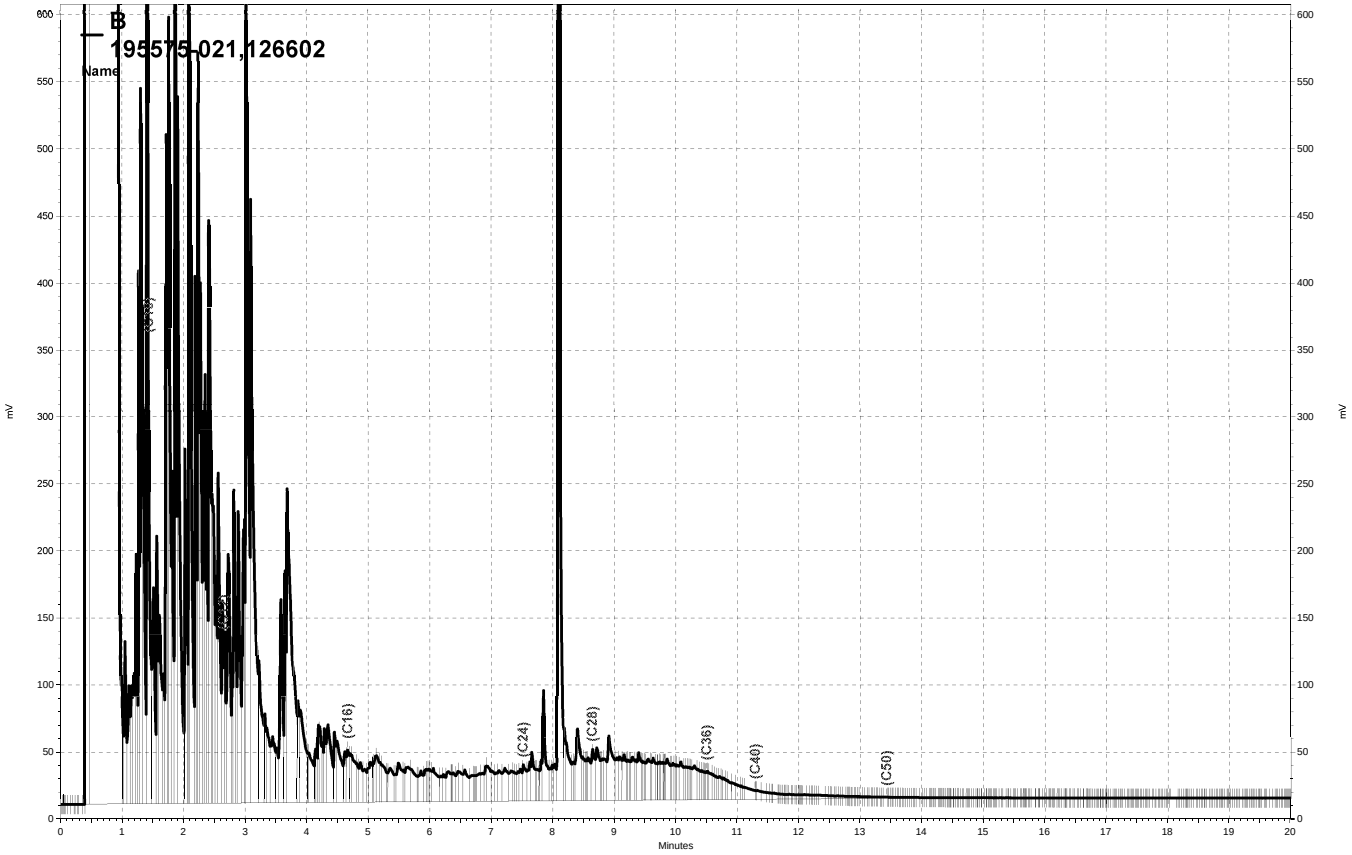

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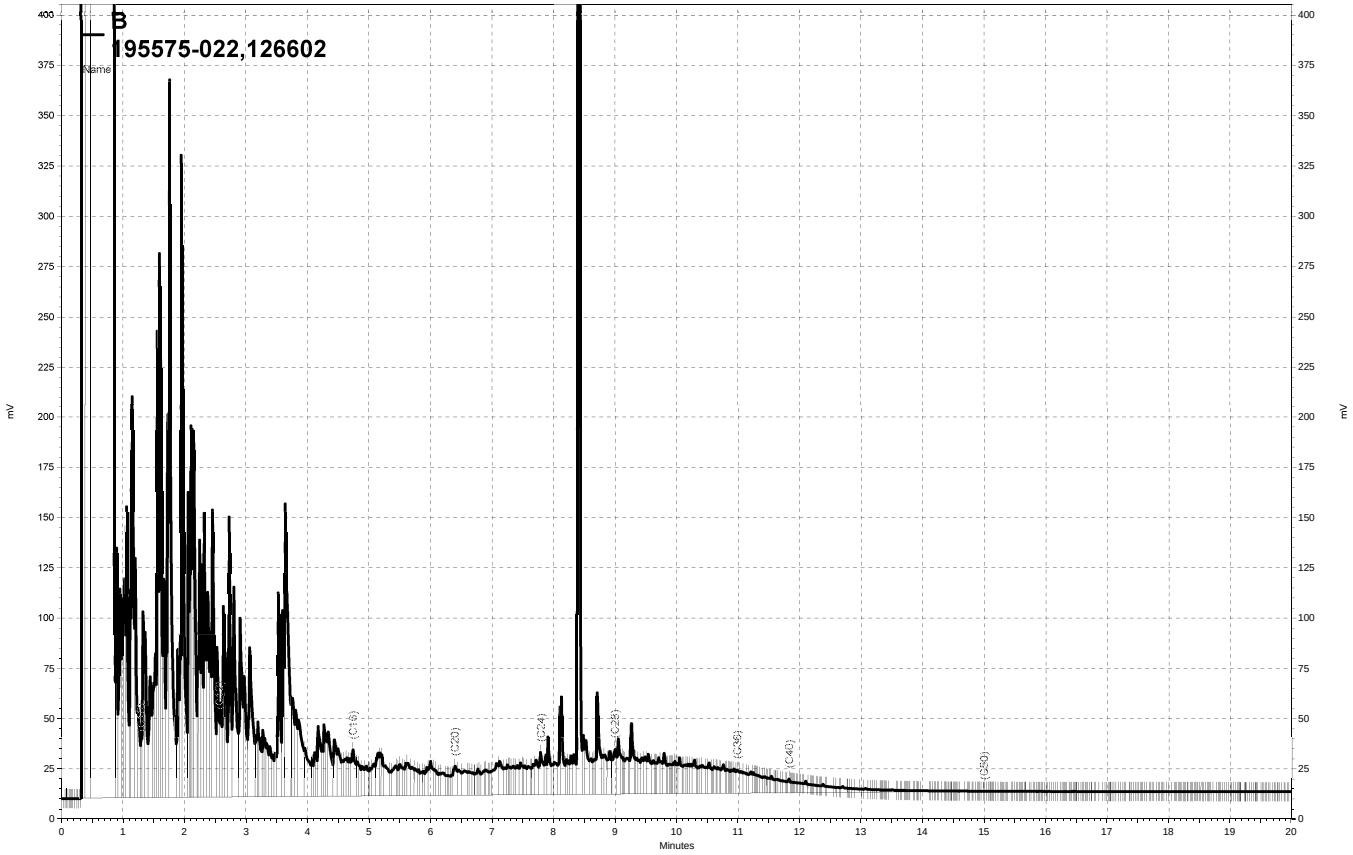

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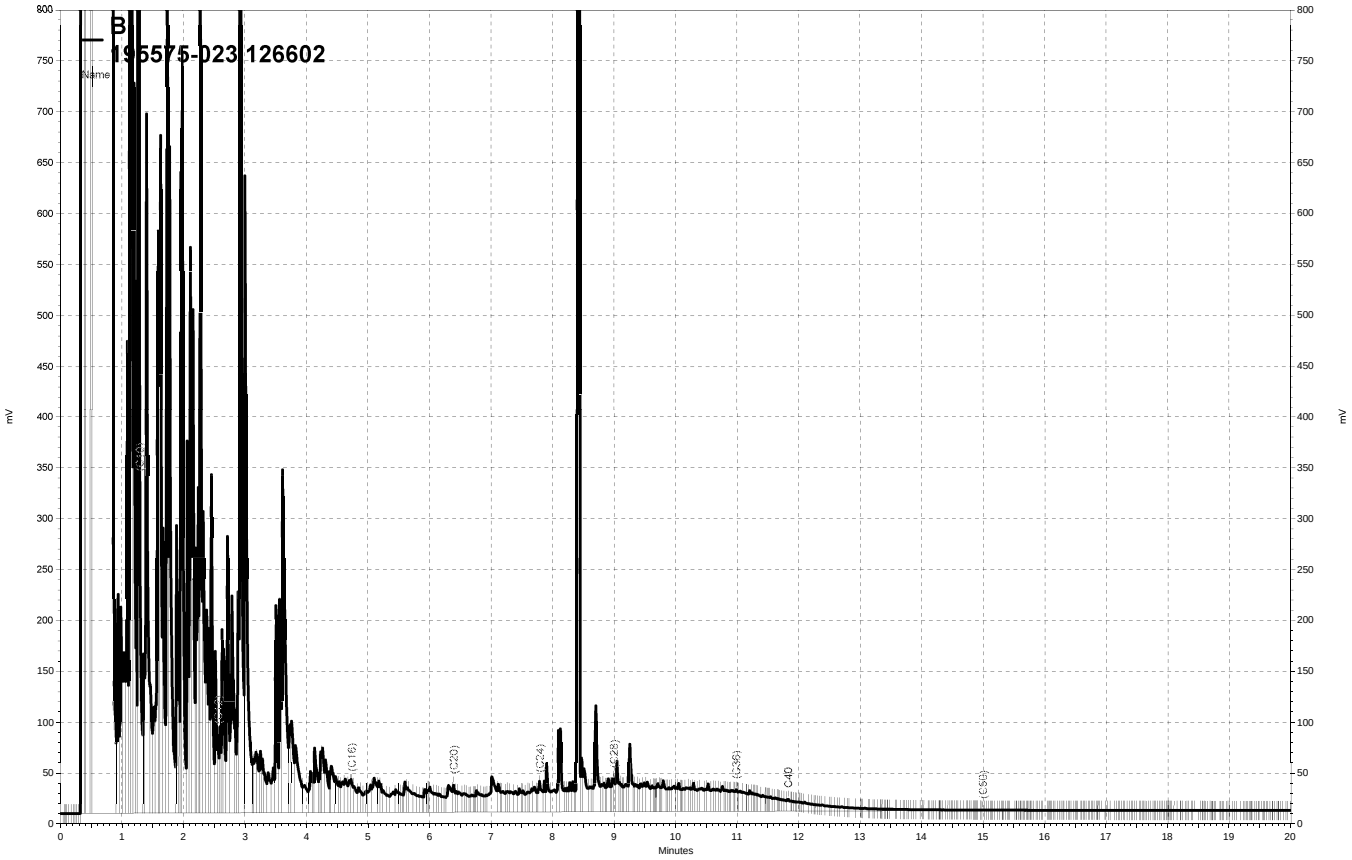

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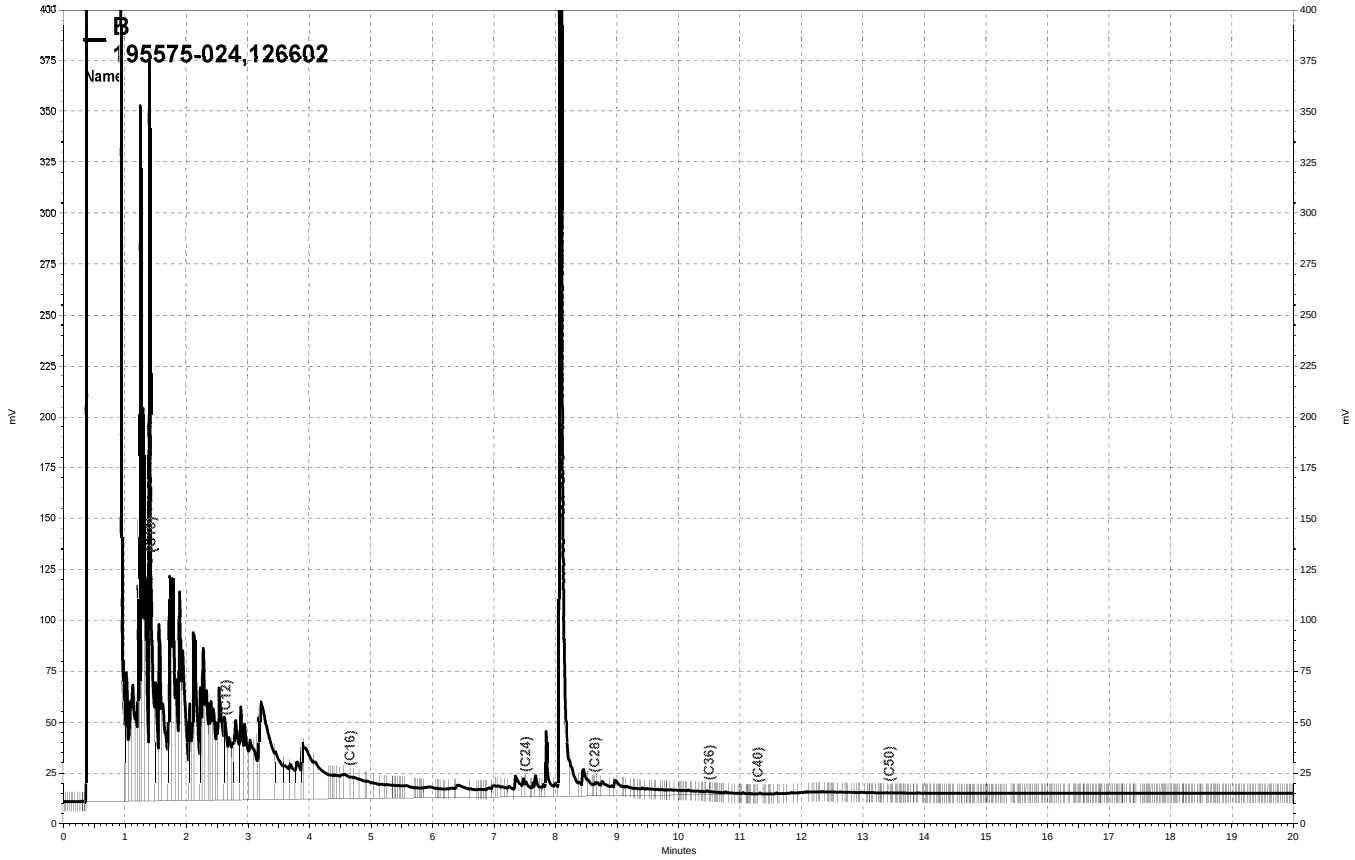

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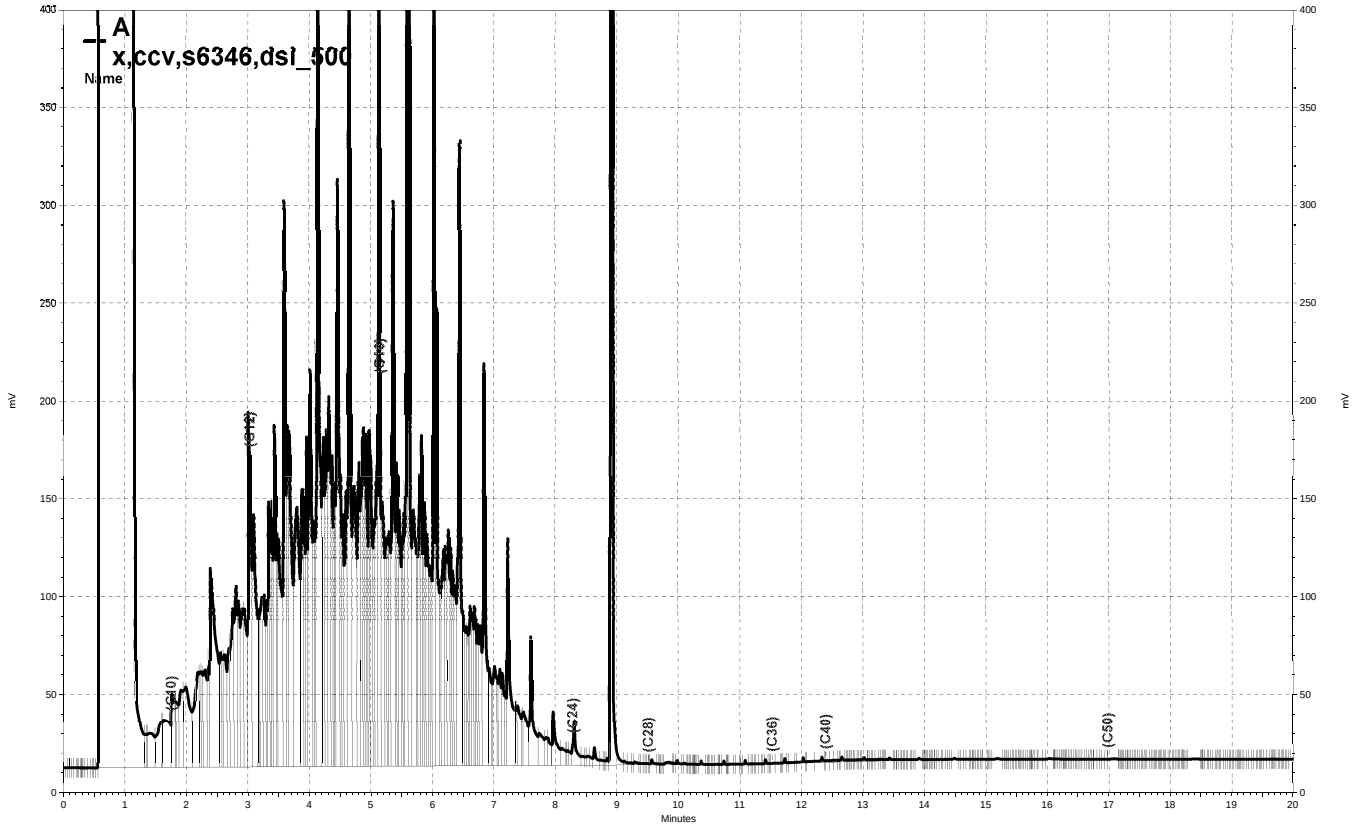

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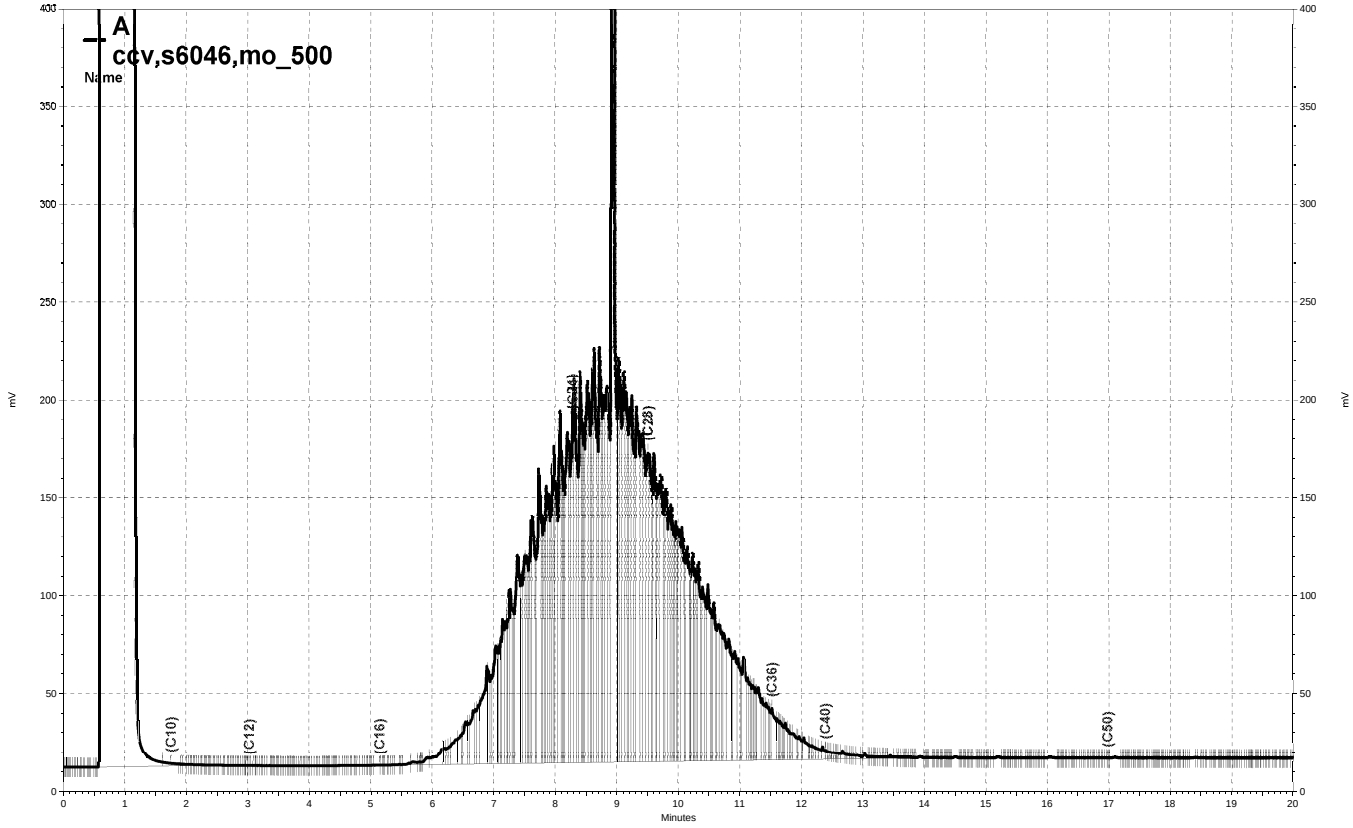

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Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-17-15'	Diln Fac:	1.020
Lab ID:	195575-001	Batch#:	126555
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.1
Benzene	ND	5.1
Toluene	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	8.3	5.1

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	125	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	121	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-18-15'	Diln Fac:	0.9804
Lab ID:	195575-002	Batch#:	126555
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	125	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	103	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-19-15'	Diln Fac:	0.9804
Lab ID:	195575-003	Batch#:	126555
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	129	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	104	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-20-15'	Diln Fac:	1.000
Lab ID:	195575-004	Batch#:	126555
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	126	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-21-15'	Diln Fac:	1.000
Lab ID:	195575-005	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	6.8	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	137 *	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-126

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-22-15'	Diln Fac:	25.00
Lab ID:	195575-006	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	130
Benzene	ND	130
Toluene	ND	130
Ethylbenzene	1,100	130
m,p-Xylenes	1,700	130
o-Xylene	ND	130

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	115	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	97	80-126
Trifluorotoluene (MeOH)	110	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-23-15'	Diln Fac:	71.43
Lab ID:	195575-007	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	360
Benzene	ND	360
Toluene	670	360
Ethylbenzene	1,600	360
m,p-Xylenes	5,700	360
o-Xylene	2,300	360

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	116	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	98	80-126
Trifluorotoluene (MeOH)	116	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-24-15'	Diln Fac:	333.3
Lab ID:	195575-008	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	1,700
Benzene	ND	1,700
Toluene	9,800	1,700
Ethylbenzene	4,800	1,700
m,p-Xylenes	16,000	1,700
o-Xylene	6,900	1,700

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	118	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-126
Trifluorotoluene (MeOH)	DO	58-142

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-25-15'	Diln Fac:	1.020
Lab ID:	195575-009	Batch#:	126555
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.1
Benzene	ND	5.1
Toluene	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	105	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-26-15'	Diln Fac:	1.020
Lab ID:	195575-010	Batch#:	126555
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.1
Benzene	ND	5.1
Toluene	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	130	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	104	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-27-15'	Diln Fac:	0.9804
Lab ID:	195575-011	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	5.4	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	134	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	105	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-28-15'	Diln Fac:	1.000
Lab ID:	195575-012	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	112	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-29-15'	Diln Fac:	25.00
Lab ID:	195575-013	Batch#:	126648
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	130
Benzene	ND	130
Toluene	ND	130
Ethylbenzene	ND	130
m,p-Xylenes	ND	130
o-Xylene	ND	130

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-126
Trifluorotoluene (MeOH)	98	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-30-15'	Diln Fac:	0.9804
Lab ID:	195575-014	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	99	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-31-15'	Diln Fac:	1.000
Lab ID:	195575-015	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	11	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	90	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-32-15'	Diln Fac:	5.000
Lab ID:	195575-016	Batch#:	126661
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	25
Benzene	ND	25
Toluene	ND	25
Ethylbenzene	130	25
m,p-Xylenes	550	25
o-Xylene	ND	25

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	128	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-33-15'	Diln Fac:	0.9804
Lab ID:	195575-017	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	96	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	101	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-34-15'	Diln Fac:	0.9804
Lab ID:	195575-018	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.9
Benzene	ND	4.9
Toluene	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	96	80-120
Bromofluorobenzene	101	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-35-15'	Diln Fac:	0.9434
Lab ID:	195575-019	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.7
Benzene	ND	4.7
Toluene	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	96	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	98	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-36-15'	Diln Fac:	0.9434
Lab ID:	195575-020	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	4.7
Benzene	ND	4.7
Toluene	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-37-15'	Diln Fac:	5.000
Lab ID:	195575-021	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	25
Benzene	ND	25
Toluene	ND	25
Ethylbenzene	ND	25
m,p-Xylenes	ND	25
o-Xylene	ND	25

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	88	76-135
Toluene-d8	98	80-120
Bromofluorobenzene	97	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-38-15'	Diln Fac:	5.000
Lab ID:	195575-022	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	25
Benzene	ND	25
Toluene	ND	25
Ethylbenzene	ND	25
m,p-Xylenes	ND	25
o-Xylene	ND	25

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	119	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-39-15'	Diln Fac:	50.00
Lab ID:	195575-023	Batch#:	126648
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	250
Benzene	ND	250
Toluene	ND	250
Ethylbenzene	ND	250
m,p-Xylenes	3,400	250
o-Xylene	ND	250

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	102	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	103	80-126
Trifluorotoluene (MeOH)	100	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-40-15'	Diln Fac:	25.00
Lab ID:	195575-024	Batch#:	126648
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	130
Benzene	ND	130
Toluene	ND	130
Ethylbenzene	340	130
m,p-Xylenes	1,200	130
o-Xylene	ND	130

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126
Trifluorotoluene (MeOH)	95	58-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393333	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126555
Units:	ug/Kg	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	126	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	109	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	126555
Basis:	as received	Analyzed:	06/22/07

Type: BS Lab ID: QC393334

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	28.87	115	66-120
Benzene	25.00	23.67	95	80-120
Toluene	25.00	24.74	99	80-120
Ethylbenzene	25.00	25.09	100	80-125
m,p-Xylenes	50.00	46.68	93	80-123
o-Xylene	25.00	23.43	94	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	127	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-126

Type: BSD Lab ID: QC393335

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	27.59	110	66-120	5	20
Benzene	25.00	23.07	92	80-120	3	20
Toluene	25.00	23.74	95	80-120	4	20
Ethylbenzene	25.00	24.32	97	80-125	3	20
m,p-Xylenes	50.00	45.45	91	80-123	3	20
o-Xylene	25.00	22.66	91	80-122	3	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	129	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393404	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126570
Units:	ug/Kg	Analyzed:	06/22/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	24.04	96	66-120
Benzene	25.00	23.07	92	80-120
Toluene	25.00	22.52	90	80-120
Ethylbenzene	25.00	22.83	91	80-125
m,p-Xylenes	50.00	44.94	90	80-123
o-Xylene	25.00	21.96	88	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	106	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	93	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393405	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126570
Units:	ug/Kg	Analyzed:	06/22/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-20-15'	Diln Fac:	1.000
MSS Lab ID:	195575-004	Batch#:	126555
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/22/07

Type: MS Lab ID: QC393434

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1184	50.00	57.28	115	55-120
Benzene	<0.1964	50.00	43.50	87	61-122
Toluene	<0.2574	50.00	43.61	87	57-124
Ethylbenzene	<0.3632	50.00	42.75	85	55-129
m,p-Xylenes	<0.5971	100.0	76.31	76	53-127
o-Xylene	0.2338	50.00	40.36	80	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	130	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	104	80-126

Type: MSD Lab ID: QC393435

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	50.00	48.78	98	55-120	16	20
Benzene	50.00	38.56	77	61-122	12	20
Toluene	50.00	38.58	77	57-124	12	21
Ethylbenzene	50.00	37.88	76	55-129	12	23
m,p-Xylenes	100.0	66.42	66	53-127	14	23
o-Xylene	50.00	36.78	73	54-127	9	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	127	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-33-15'	Diln Fac:	0.9804
MSS Lab ID:	195575-017	Batch#:	126570
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Type: MS Lab ID: QC393466

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.6601	49.02	45.03	92	55-120
Benzene	<0.9989	49.02	41.74	85	61-122
Toluene	<1.105	49.02	42.56	87	57-124
Ethylbenzene	<1.416	49.02	42.53	87	55-129
m,p-Xylenes	2.597	98.04	84.96	84	53-127
o-Xylene	<1.119	49.02	45.10	92	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	102	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	94	80-126

Type: MSD Lab ID: QC393467

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	49.02	40.38	82	55-120	11	20
Benzene	49.02	43.67	89	61-122	5	20
Toluene	49.02	43.01	88	57-124	1	21
Ethylbenzene	49.02	45.06	92	55-129	6	23
m,p-Xylenes	98.04	86.74	86	53-127	2	23
o-Xylene	49.02	48.57	99	54-127	7	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	95	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393572	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126615
Units:	ug/Kg	Analyzed:	06/25/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	27.06	108	66-120
Benzene	25.00	21.65	87	80-120
Toluene	25.00	21.84	87	80-120
Ethylbenzene	25.00	23.37	93	80-125
m,p-Xylenes	50.00	44.02	88	80-123
o-Xylene	25.00	22.21	89	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393573	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126615
Units:	ug/Kg	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	129	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A1-28-15'	Diln Fac:	1.000
MSS Lab ID:	195575-012	Batch#:	126615
Matrix:	Soil	Sampled:	06/21/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/25/07

Type: MS Lab ID: QC393649

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1184	50.00	60.85	122 *	55-120
Benzene	<0.1964	50.00	44.91	90	61-122
Toluene	<0.2574	50.00	45.43	91	57-124
Ethylbenzene	<0.3632	50.00	48.91	98	55-129
m,p-Xylenes	0.9257	100.0	91.46	91	53-127
o-Xylene	0.5338	50.00	46.09	91	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	128	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-126

Type: MSD Lab ID: QC393650

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	50.00	54.41	109	55-120	11	20
Benzene	50.00	47.65	95	61-122	6	20
Toluene	50.00	47.93	96	57-124	5	21
Ethylbenzene	50.00	50.86	102	55-129	4	23
m,p-Xylenes	100.0	95.07	94	53-127	4	23
o-Xylene	50.00	49.14	97	54-127	6	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	125	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-126

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393708	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126648
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	23.77	95	66-120
Benzene	25.00	23.18	93	80-120
Toluene	25.00	23.37	93	80-120
Ethylbenzene	25.00	24.24	97	80-125
m,p-Xylenes	50.00	46.82	94	80-123
o-Xylene	25.00	23.49	94	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	103	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393709	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126648
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	105	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393756	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126661
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	25.25	101	66-120
Benzene	25.00	23.21	93	80-120
Toluene	25.00	23.06	92	80-120
Ethylbenzene	25.00	24.67	99	80-125
m,p-Xylenes	50.00	46.26	93	80-123
o-Xylene	25.00	23.11	92	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	133	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	103	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393757	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126661
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	107	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393758	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126615
Units:	ug/Kg	Analyzed:	06/25/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	126	76-135
Toluene-d8	97	80-120
Bromofluorobenzene	108	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9615
MSS Lab ID:	195603-008	Batch#:	126648
Matrix:	Soil	Sampled:	06/22/07
Units:	ug/Kg	Received:	06/25/07
Basis:	as received	Analyzed:	06/26/07

Type: MS Lab ID: QC393774

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1843	48.08	44.13	92	55-120
Benzene	<0.1325	48.08	45.18	94	61-122
Toluene	<0.5313	48.08	46.64	97	57-124
Ethylbenzene	<0.5605	48.08	47.86	100	55-129
m,p-Xylenes	<1.257	96.15	94.37	98	53-127
o-Xylene	<0.4957	48.08	45.51	95	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-126

Type: MSD Lab ID: QC393775

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	48.08	43.42	90	55-120	2	20
Benzene	48.08	45.14	94	61-122	0	20
Toluene	48.08	46.09	96	57-124	1	21
Ethylbenzene	48.08	46.81	97	55-129	2	23
m,p-Xylenes	96.15	92.05	96	53-127	2	23
o-Xylene	48.08	44.82	93	54-127	2	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	76-135
Toluene-d8	100	80-120
Bromofluorobenzene	99	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9434
MSS Lab ID:	195597-001	Batch#:	126661
Matrix:	Soil	Sampled:	06/22/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Type: MS Lab ID: QC393776

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1117	47.17	52.09	110	55-120
Benzene	<0.1853	47.17	45.94	97	61-122
Toluene	<0.2428	47.17	46.45	98	57-124
Ethylbenzene	<0.3427	47.17	49.18	104	55-129
m,p-Xylenes	<0.5633	94.34	92.48	98	53-127
o-Xylene	<0.1679	47.17	46.61	99	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	134	76-135
Toluene-d8	104	80-120
Bromofluorobenzene	101	80-126

Type: MSD Lab ID: QC393777

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	47.17	48.32	102	55-120	8	20
Benzene	47.17	45.13	96	61-122	2	20
Toluene	47.17	46.15	98	57-124	1	21
Ethylbenzene	47.17	49.37	105	55-129	0	23
m,p-Xylenes	94.34	92.22	98	53-127	0	23
o-Xylene	47.17	46.11	98	54-127	1	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	102	80-126

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000		

Field ID: A1-17-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-001

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	55	0.25
Lead	29	0.15
Nickel	72	0.25
Zinc	56	1.0

Field ID: A1-18-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-002

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	51	0.25
Lead	21	0.15
Nickel	71	0.25
Zinc	55	1.0

Field ID: A1-19-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-003

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	40	0.25
Lead	21	0.15
Nickel	89	0.25
Zinc	54	1.0

Field ID: A1-20-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-004

Analyte	Result	RL
Cadmium	ND	0.27
Chromium	43	0.27
Lead	6.4	0.16
Nickel	65	0.27
Zinc	49	1.1

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000		

Field ID: A1-21-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-005

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	48	0.25
Lead	11	0.15
Nickel	81	0.25
Zinc	58	1.0

Field ID: A1-22-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-006

Analyte	Result	RL
Cadmium	0.34	0.25
Chromium	46	0.25
Lead	4.7	0.15
Nickel	76	0.25
Zinc	54	1.0

Field ID: A1-23-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-007

Analyte	Result	RL
Cadmium	ND	0.26
Chromium	46	0.26
Lead	7.0	0.15
Nickel	66	0.26
Zinc	51	1.0

Field ID: A1-24-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-008

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	40	0.25
Lead	3.7	0.15
Nickel	48	0.25
Zinc	47	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000		

Field ID: A1-25-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-009

Analyte	Result	RL
Cadmium	ND	0.26
Chromium	53	0.26
Lead	3.9	0.16
Nickel	60	0.26
Zinc	56	1.1

Field ID: A1-26-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-010

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	46	0.25
Lead	4.6	0.15
Nickel	140	0.25
Zinc	44	1.0

Field ID: A1-27-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-011

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	46	0.25
Lead	6.1	0.15
Nickel	66	0.25
Zinc	51	1.0

Field ID: A1-28-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-012

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	47	0.25
Lead	7.9	0.15
Nickel	67	0.25
Zinc	50	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000		

Field ID: A1-29-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-013

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	48	0.25
Lead	4.0	0.15
Nickel	63	0.25
Zinc	56	1.0

Field ID: A1-30-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-014

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	48	0.25
Lead	10	0.15
Nickel	74	0.25
Zinc	53	1.0

Field ID: A1-31-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-015

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	43	0.25
Lead	6.2	0.15
Nickel	71	0.25
Zinc	48	1.0

Field ID: A1-32-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-016

Analyte	Result	RL
Cadmium	ND	0.27
Chromium	38	0.27
Lead	2.0	0.16
Nickel	55	0.27
Zinc	41	1.1

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000		

Field ID: A1-33-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-017

Analyte	Result	RL
Cadmium	0.32	0.25
Chromium	49	0.25
Lead	14	0.15
Nickel	120	0.25
Zinc	55	1.0

Field ID: A1-34-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-018

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	49	0.25
Lead	5.0	0.15
Nickel	71	0.25
Zinc	55	1.0

Field ID: A1-35-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-019

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	38	0.25
Lead	11	0.15
Nickel	59	0.25
Zinc	45	1.0

Field ID: A1-36-15' Batch#: 126564
Type: SAMPLE Analyzed: 06/22/07
Lab ID: 195575-020

Analyte	Result	RL
Cadmium	0.27	0.25
Chromium	40	0.25
Lead	10	0.15
Nickel	91	0.25
Zinc	54	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000		

Field ID: A1-37-15' Batch#: 126563
Type: SAMPLE Analyzed: 06/25/07
Lab ID: 195575-021

Analyte	Result	RL
Cadmium	0.31	0.25
Chromium	40	0.25
Lead	9.3	0.15
Nickel	80	0.25
Zinc	49	1.0

Field ID: A1-38-15' Batch#: 126563
Type: SAMPLE Analyzed: 06/25/07
Lab ID: 195575-022

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	37	0.25
Lead	5.4	0.15
Nickel	47	0.25
Zinc	41	1.0

Field ID: A1-39-15' Batch#: 126563
Type: SAMPLE Analyzed: 06/25/07
Lab ID: 195575-023

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	37	0.25
Lead	13	0.15
Nickel	66	0.25
Zinc	41	1.0

Field ID: A1-40-15' Batch#: 126563
Type: SAMPLE Analyzed: 06/25/07
Lab ID: 195575-024

Analyte	Result	RL
Cadmium	0.35	0.25
Chromium	33	0.25
Lead	1.8	0.15
Nickel	53	0.25
Zinc	40	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Prepared:	06/22/07
Diln Fac:	1.000		

Type: BLANK
Lab ID: QC393372
Batch#: 126563
Analyzed: 06/25/07

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.15
Nickel	ND	0.25
Zinc	ND	1.0

Type: BLANK
Lab ID: QC393377
Batch#: 126564
Analyzed: 06/22/07

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.15
Nickel	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	126563
Units:	mg/Kg	Prepared:	06/22/07
Basis:	as received	Analyzed:	06/25/07
Diln Fac:	1.000		

Type: BS Lab ID: QC393373

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	10.38	104	80-120
Chromium	100.0	96.68	97	80-120
Lead	100.0	94.46	94	80-120
Nickel	25.00	24.11	96	80-120
Zinc	25.00	23.47	94	80-120

Type: BSD Lab ID: QC393374

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	10.02	100	80-120	4	20
Chromium	100.0	95.07	95	80-120	2	20
Lead	100.0	90.50	91	80-120	4	20
Nickel	25.00	23.64	95	80-120	2	20
Zinc	25.00	23.20	93	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A1-1-15'	Batch#:	126563
MSS Lab ID:	195528-001	Sampled:	06/20/07
Matrix:	Soil	Received:	06/20/07
Units:	mg/Kg	Prepared:	06/22/07
Basis:	as received	Analyzed:	06/25/07
Diln Fac:	1.000		

Type: MS Lab ID: QC393375

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.1540	8.696	8.021	90	72-120
Chromium	43.21	86.96	117.5	85	63-122
Lead	17.78	86.96	84.79	77	55-122
Nickel	71.44	21.74	86.98	71	45-139
Zinc	47.64	21.74	63.18	71	49-140

Type: MSD Lab ID: QC393376

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	8.929	8.538	94	72-120	4	20
Chromium	89.29	124.7	91	63-122	4	20
Lead	89.29	90.93	82	55-122	5	26
Nickel	22.32	89.66	82	45-139	2	26
Zinc	22.32	65.08	78	49-140	2	23

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	126564
Units:	mg/Kg	Prepared:	06/22/07
Basis:	as received	Analyzed:	06/22/07
Diln Fac:	1.000		

Type: BS Lab ID: QC393378

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	10.60	106	80-120
Chromium	100.0	103.6	104	80-120
Lead	100.0	101.7	102	80-120
Nickel	25.00	25.48	102	80-120
Zinc	25.00	26.20	105	80-120

Type: BSD Lab ID: QC393379

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.00	10.31	103	80-120	3	20
Chromium	100.0	102.2	102	80-120	1	20
Lead	100.0	98.93	99	80-120	3	20
Nickel	25.00	24.79	99	80-120	3	20
Zinc	25.00	26.06	104	80-120	1	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	195575	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 3050B
Project#:	050T.50238.00	Analysis:	EPA 6010B
Field ID:	A1-17-15'	Batch#:	126564
MSS Lab ID:	195575-001	Sampled:	06/21/07
Matrix:	Soil	Received:	06/22/07
Units:	mg/Kg	Prepared:	06/22/07
Basis:	as received	Analyzed:	06/22/07
Diln Fac:	1.000		

Type: MS Lab ID: QC393380

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.1454	9.615	9.211	94	72-120
Chromium	54.79	96.15	147.5	96	63-122
Lead	28.59	96.15	104.3	79	55-122
Nickel	71.96	24.04	95.78	99	45-139
Zinc	56.02	24.04	70.54	60	49-140

Type: MSD Lab ID: QC393381

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	9.524	8.832	91	72-120	3	20
Chromium	95.24	143.1	93	63-122	2	20
Lead	95.24	101.8	77	55-122	2	26
Nickel	23.81	108.6	154 *	45-139	13	26
Zinc	23.81	72.84	71	49-140	3	23

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 195623

Sampler: Khamly Chup

Project No.: 05OT.50238.01 Report To: Greg Hahn

Project Name: Kaiser-Broadway Company: SECOR

Project P.O.: Telephone: 925-299-9300

Turnaround Time: STD Fax: 925-299-9302

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis: XTPH-g 8015M & BTEX
	~~A~~ A2-B-18'	6/26/07 6 pc	X			2				X	X

Notes:

SAMPLE RECEIPT
[X] Intact [ ] Cold
[X] On Ice [ ] Ambient
Preservative Correct?
[ ] Yes [ ] No [ ] N/A

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
K Chup	6/26/07 1110	[signature]	6-26-07 1110
	DATE / TIME		DATE / TIME
	DATE / TIME		DATE / TIME

SIGNATURE

cold & intact

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**195623**
Client:	**SECOR**
Project:	**050T.50238.00**
Location:	**Kaiser - Oakland**
Request Date:	**06/26/07**
Samples Received:	**06/26/07**

This hardcopy data package contains sample and QC results for one soil sample, requested for the above referenced project on 06/26/07. The sample was received on ice and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	195623	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A2-B-18'	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126671
Units:	mg/Kg	Sampled:	06/26/07
Basis:	as received	Received:	06/26/07

Type: SAMPLE Analyzed: 06/27/07
Lab ID: 195623-001

Analyte	Result	RL
Gasoline C7-C12	2.4	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	70-132
Bromofluorobenzene (FID)	122	66-138

Type: BLANK Analyzed: 06/26/07
Lab ID: QC393799

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	70-132
Bromofluorobenzene (FID)	115	66-138

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195623	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC393800	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126671
Units:	mg/Kg	Analyzed:	06/26/07

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.393	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	70-132
Bromofluorobenzene (FID)	130	66-138

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	195623	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	A1-34-15'	Diln Fac:	1.000
MSS Lab ID:	195575-018	Batch#:	126671
Matrix:	Soil	Sampled:	06/21/07
Units:	mg/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Type: MS Lab ID: QC393801

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.09927	9.615	8.535	88	36-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-132
Bromofluorobenzene (FID)	99	66-138

Type: MSD Lab ID: QC393802

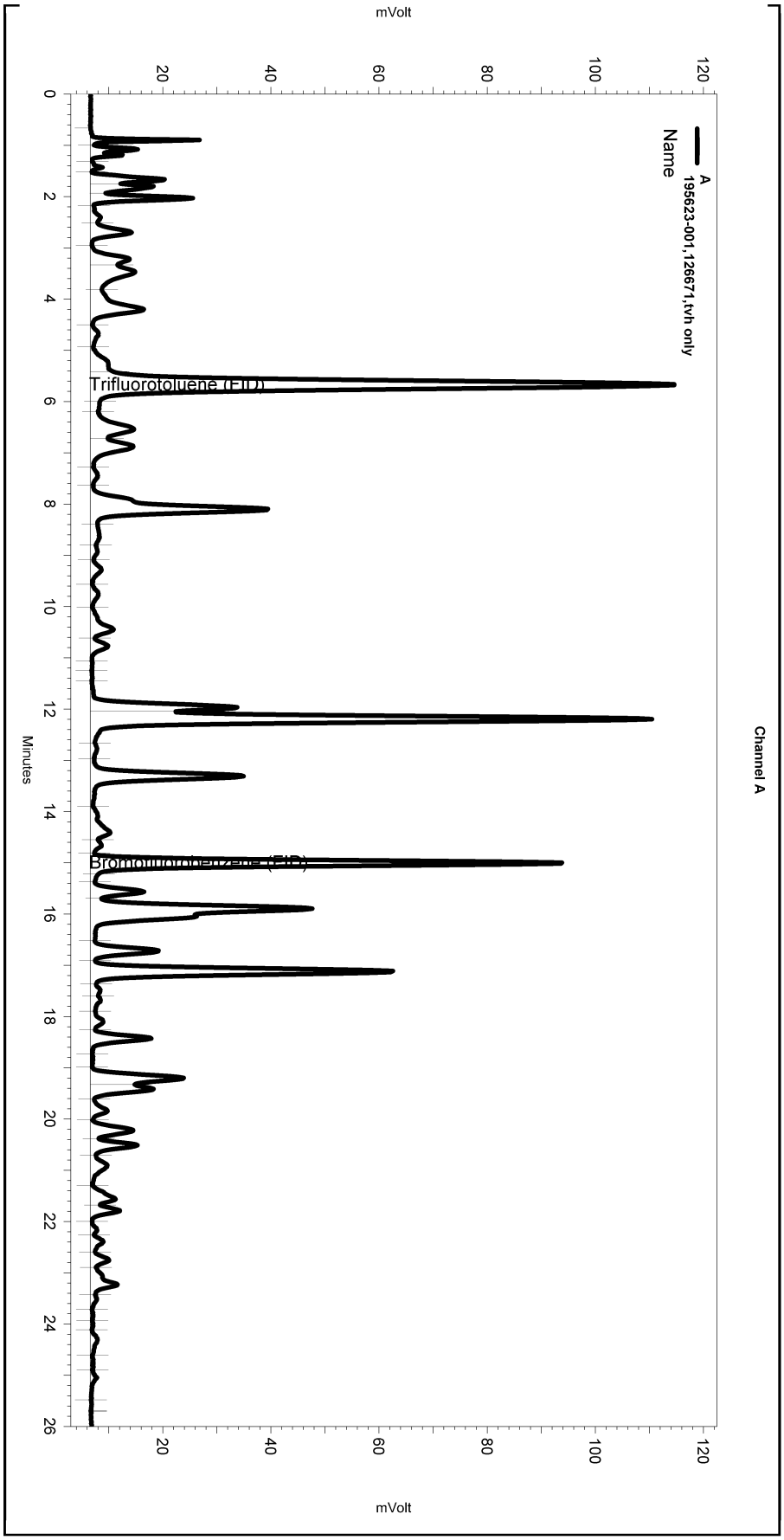
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.615	8.720	90	36-120	2	29

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	70-132
Bromofluorobenzene (FID)	111	66-138

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **195623-001,126671,tvh only**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_027**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/27/2007 4:41:52 AM
Analysis Date: 6/27/2007 8:13:37 AM
Sample Amount: 0.99 Multiplier: 0.99
Vial & pH or Core ID: B



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

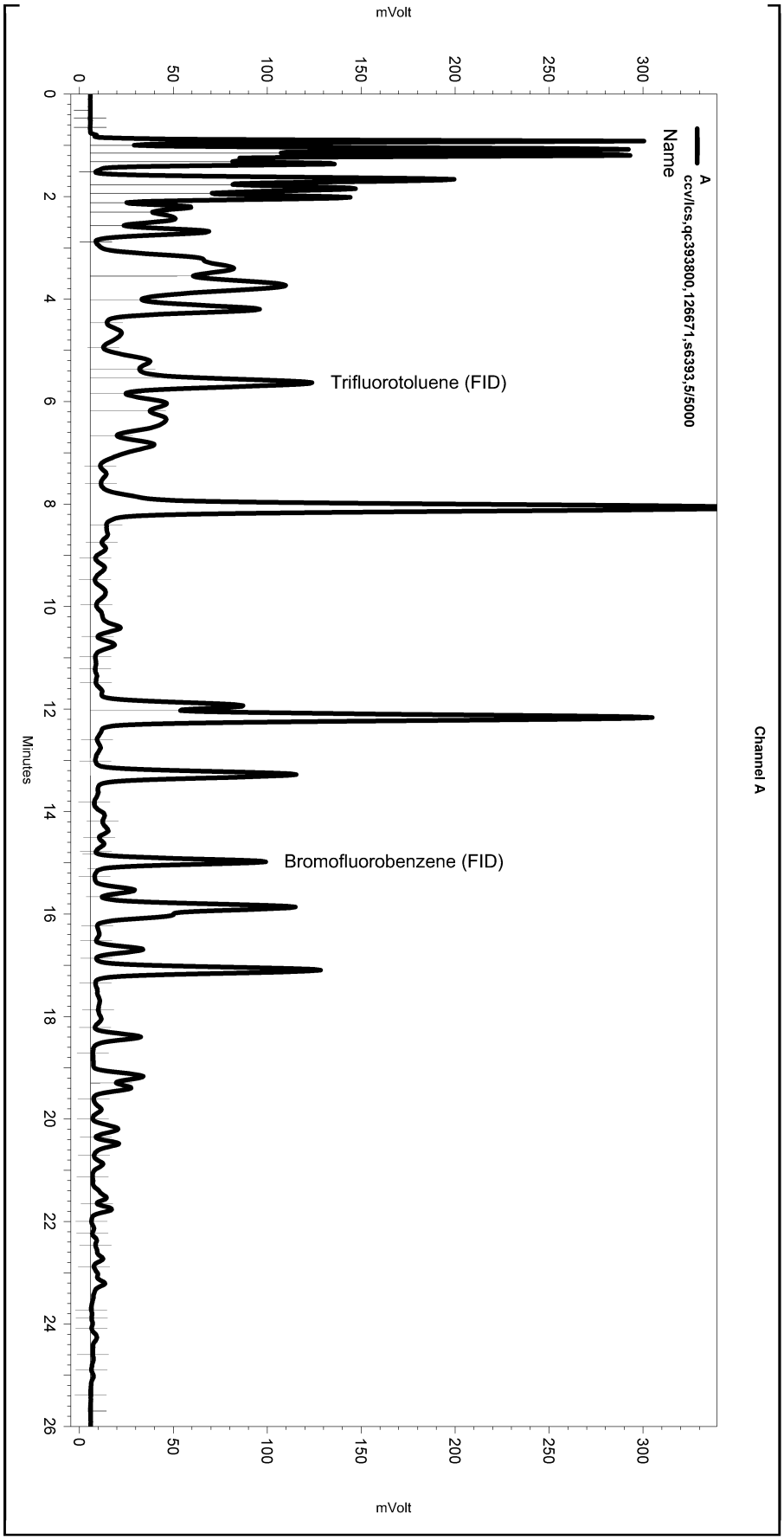
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_027

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.188	26.017	0
Yes	Split Peak	5.41	0	0
Yes	Split Peak	6.004	0	0
Yes	Split Peak	15.223	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\177.seq**
Sample Name: **ccv/lcs,qc393800,126671,s6393,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\177_002**
Instrument: GC05 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe170.met

Software Version 3.1.7
Run Date: 6/26/2007 10:48:45 AM
Analysis Date: 6/27/2007 8:11:47 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC05\Data\177_002

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.528	0	0
Yes	Split Peak	14.834	0	0
Yes	Split Peak	15.115	0	0

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	195623	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	A2-B-18'	Diln Fac:	1.000
Lab ID:	195623-001	Batch#:	126661
Matrix:	Soil	Sampled:	06/26/07
Units:	ug/Kg	Received:	06/26/07
Basis:	as received	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	57	5.0
Ethylbenzene	41	5.0
m,p-Xylenes	170	5.0
o-Xylene	54	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	132	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	101	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195623	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC393756	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126661
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	25.25	101	66-120
Benzene	25.00	23.21	93	80-120
Toluene	25.00	23.06	92	80-120
Ethylbenzene	25.00	24.67	99	80-125
m,p-Xylenes	50.00	46.26	93	80-123
o-Xylene	25.00	23.11	92	80-122

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	133	76-135
Toluene-d8	103	80-120
Bromofluorobenzene	103	80-126

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195623	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC393757	Diln Fac:	1.000
Matrix:	Soil	Batch#:	126661
Units:	ug/Kg	Analyzed:	06/26/07

Analyte	Result	RL
MTBE	ND	5.0
Benzene	ND	5.0
Toluene	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	101	80-120
Bromofluorobenzene	107	80-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	195623	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	EPA 5030B
Project#:	050T.50238.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9434
MSS Lab ID:	195597-001	Batch#:	126661
Matrix:	Soil	Sampled:	06/22/07
Units:	ug/Kg	Received:	06/22/07
Basis:	as received	Analyzed:	06/26/07

Type: MS Lab ID: QC393776

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1117	47.17	52.09	110	55-120
Benzene	<0.1853	47.17	45.94	97	61-122
Toluene	<0.2428	47.17	46.45	98	57-124
Ethylbenzene	<0.3427	47.17	49.18	104	55-129
m,p-Xylenes	<0.5633	94.34	92.48	98	53-127
o-Xylene	<0.1679	47.17	46.61	99	54-127

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	134	76-135
Toluene-d8	104	80-120
Bromofluorobenzene	101	80-126

Type: MSD Lab ID: QC393777

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	47.17	48.32	102	55-120	8	20
Benzene	47.17	45.13	96	61-122	2	20
Toluene	47.17	46.15	98	57-124	1	21
Ethylbenzene	47.17	49.37	105	55-129	0	23
m,p-Xylenes	94.34	92.22	98	53-127	0	23
o-Xylene	47.17	46.11	98	54-127	1	22

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	131	76-135
Toluene-d8	102	80-120
Bromofluorobenzene	102	80-126

RPD= Relative Percent Difference

197457

SECOR CHAIN-OF-CUSTODY RECORD

SECOR

COC # 02615
Page 1 of 1

*CET quote # CT112000704MP01

FIELD OFFICE INFORMATION

OFFICE: 005 / San Francisco
Send Report To: Greg Hoehn
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549
Telephone: 925-299-9300 x224
Fax / E-Mail: ghoehn@secor.com

PROJECT INFORMATION

Project No.: 050T.50238.01 Task: 0002
Project Name: Kaiser Oakland MOB
Project Manager: Greg Hoehn
Laboratory: Curtis & Tompkins

Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	ANALYSES / METHOD REQUEST: TEPH as diesel w/ silica gel cleanup	TEPH as hydraulic fluid w/ silica gel cleanup
1 A5-E-20	9-7-07	1121	soil	jar	ice	1	X	X
2 A5-W-20	9-7-07	1125	soil	jar	ice	1	X	X

REMARKS / PRECAUTIONS

TAT: ☐ Normal ☐ Rush ☒ Other 48-hr

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☒ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other

Possible Hazard Identification: ☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sampled by: Greg Hoehn

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a Relinquished by:		Greg Hoehn	SECOR	9-7-07	11:55
1b Received by:		LaVanna Curtis	Curtis & Tompkins	9/7/07	11:55
2a Relinquished by:					
2b Received by:					
3a Relinquished by:					
3b Received by:					

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

REC'D intact; ambient Lb

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197457	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	09/07/07
Units:	mg/Kg	Received:	09/07/07
Basis:	as received	Prepared:	09/09/07
Diln Fac:	1.000	Analyzed:	09/10/07
Batch#:	129274		

Field ID: A5-E-20 Lab ID: 197457-001
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	3.4 H Y	1.0
Hydraulic Fluid, C12-40	11	5.0

Surrogate	%REC	Limits
Hexacosane	104	46-128

Field ID: A5-W-20 Lab ID: 197457-002
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	18 H Y	1.0
Hydraulic Fluid, C12-40	58	5.0

Surrogate	%REC	Limits
Hexacosane	105	46-128

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC405275

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	108	46-128

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197457	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC405276	Batch#:	129274
Matrix:	Soil	Prepared:	09/09/07
Units:	mg/Kg	Analyzed:	09/09/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.94	42.93	86	55-131

Surrogate	%REC	Limits
Hexacosane	101	46-128

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197457	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	129274
MSS Lab ID:	197441-007	Sampled:	09/06/07
Matrix:	Soil	Received:	09/06/07
Units:	mg/Kg	Prepared:	09/09/07
Basis:	as received	Analyzed:	09/10/07
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC405277

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	110.3	49.65	141.8	63	31-150

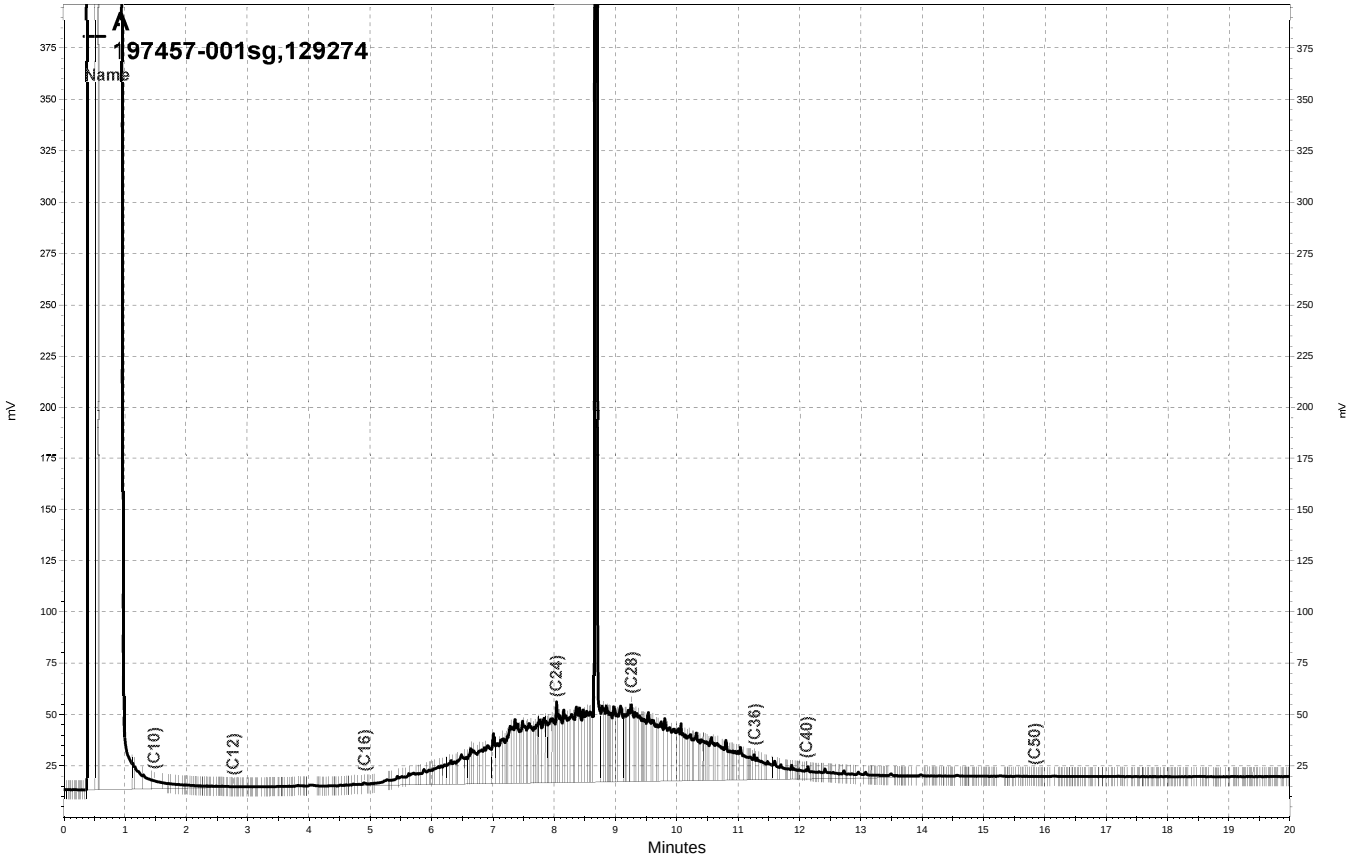
Surrogate	%REC	Limits
Hexacosane	81	46-128

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC405278

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.01	199.0	177 *	31-150	33	42

Surrogate	%REC	Limits
Hexacosane	119	46-128

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference



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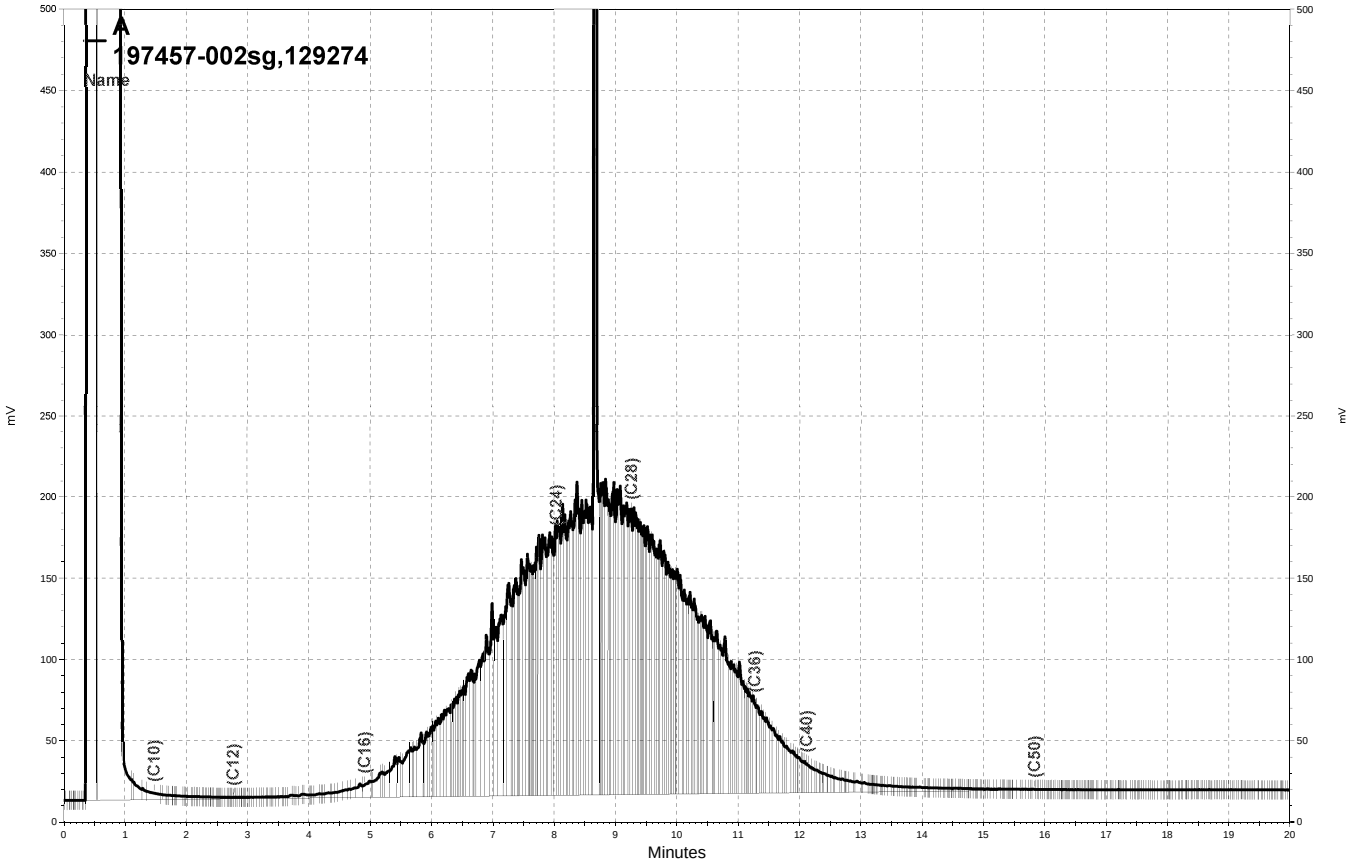

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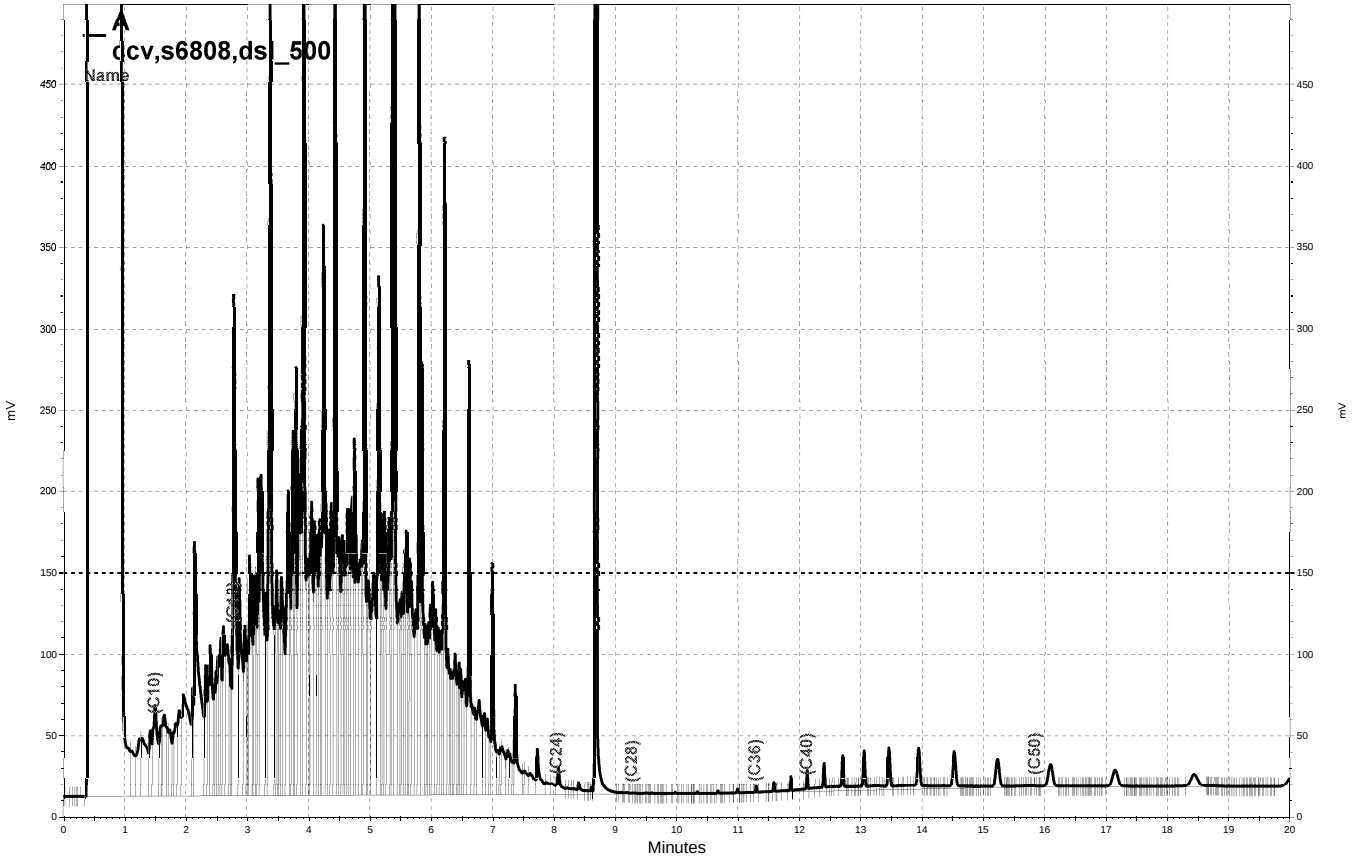

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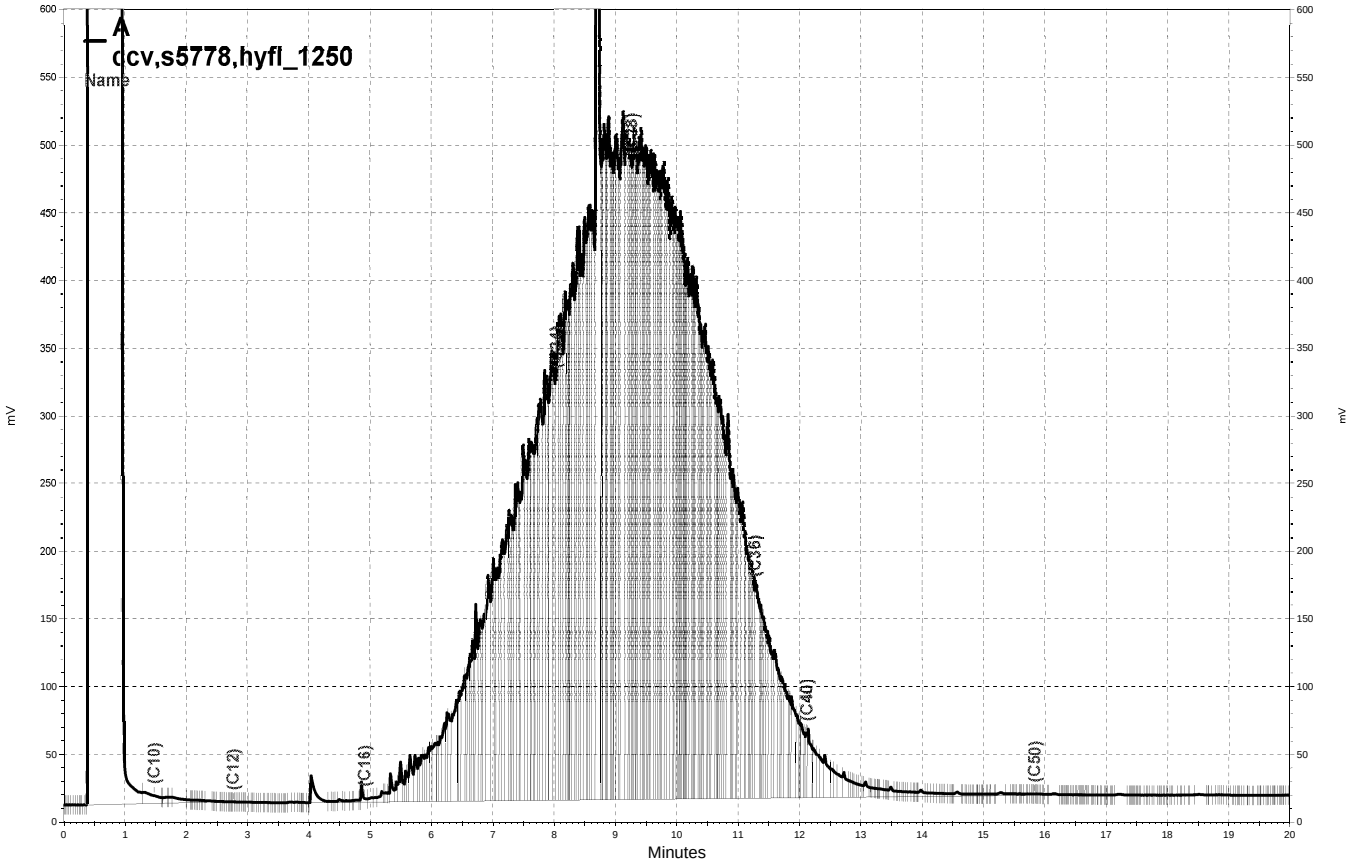

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197844

SECOR CHAIN-OF-CUSTODY RECORD

COC # 92642
Page 1 of 1

* C&T Quote # CT112000704MP01

FIELD OFFICE INFORMATION

OFFICE: 005/San Francisco
Send Report To: Greg Hoehn
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549
Telephone: 925 299-9300 x 224
Fax / E-Mail: ghoehn@secor.com

PROJECT INFORMATION

Project No.: 050T.50238.09 Task: 0002
Project Name: Kaiser Oakland
Project Manager: Greg Hoehn
Laboratory: Curtis & Tomplkins

Sample No. / Identification	SAMPLE Date	Time	Matrix*	Container & Size **	Preservative	Number of Containers	TEPH as diesel w/ silica gel cleanup	TEPH as hydraulic fluid w/ silica gel cleanup
A5-BE-30'	9-25-07	11:20	soil	jar	ice		X	X
A5-BC-30'	9-25-07	11:25	soil	jar	ice		X	X
A5-BW-30'	9-25-07	11:32	soil	jar	ice		X	X

ANALYSES / METHOD REQUEST

REMARKS / PRECAUTIONS

TAT: ☐ Normal ☐ Rush ☒ Other 10-Day

REPORTING REQUIREMENTS: ☐ MB & SURGS ☐ Dup/MS/MSD ☐ Raw Data ☐ CLP Rpt ☐ EDD ☐ Other

Possible Hazard Identification: ☐ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Sampled by: Greg Hoehn

Shipment Method:

Airbill Number:

	Signature	Print Name	Company	Date	Time
1a	Relinquished by:	Greg Hoehn	SECOR	9-25-07	12:25
1b	Received by:	Lavanna Curtis	Curtis & Tomplkins	9-25-07	12:25
2a	Relinquished by:				
2b	Received by:				
3a	Relinquished by:				
3b	Received by:				

*Matrix Key: AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other

**Container: A = Amber C = Clear Glass V = VOA S = Soil Jar O = Orbo T = Tedlar B = Brass P = Plastic OT = Other

Rec'd intact; on ice

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	197844	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	09/25/07
Units:	mg/Kg	Received:	09/25/07
Basis:	as received	Prepared:	09/25/07
Diln Fac:	1.000	Analyzed:	09/26/07
Batch#:	129870		

Field ID: A5-BE-30' Lab ID: 197844-001
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2.0 H Y	1.0
Hydraulic Fluid, C12-40	9.0	5.0

Surrogate	%REC	Limits
Hexacosane	72	46-128

Field ID: A5-BC-30' Lab ID: 197844-002
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	77	46-128

Field ID: A5-BW-30' Lab ID: 197844-003
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	4.5 H Y	1.0
Hydraulic Fluid, C12-40	19	5.0

Surrogate	%REC	Limits
Hexacosane	77	46-128

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC407796

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Hydraulic Fluid, C12-40	ND	5.0

Surrogate	%REC	Limits
Hexacosane	78	46-128

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197844	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC407797	Batch#:	129870
Matrix:	Soil	Prepared:	09/25/07
Units:	mg/Kg	Analyzed:	09/26/07
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.47	36.98	73	55-131

Surrogate	%REC	Limits
Hexacosane	71	46-128

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	197844	Location:	Kaiser - Oakland
Client:	SECOR	Prep:	SHAKER TABLE
Project#:	050T.50238.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	129870
MSS Lab ID:	197845-009	Sampled:	09/24/07
Matrix:	Soil	Received:	09/25/07
Units:	mg/Kg	Prepared:	09/25/07
Basis:	as received	Analyzed:	09/27/07
Diln Fac:	5.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC407798

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	266.7	50.32	250.0	-33 NM	31-150

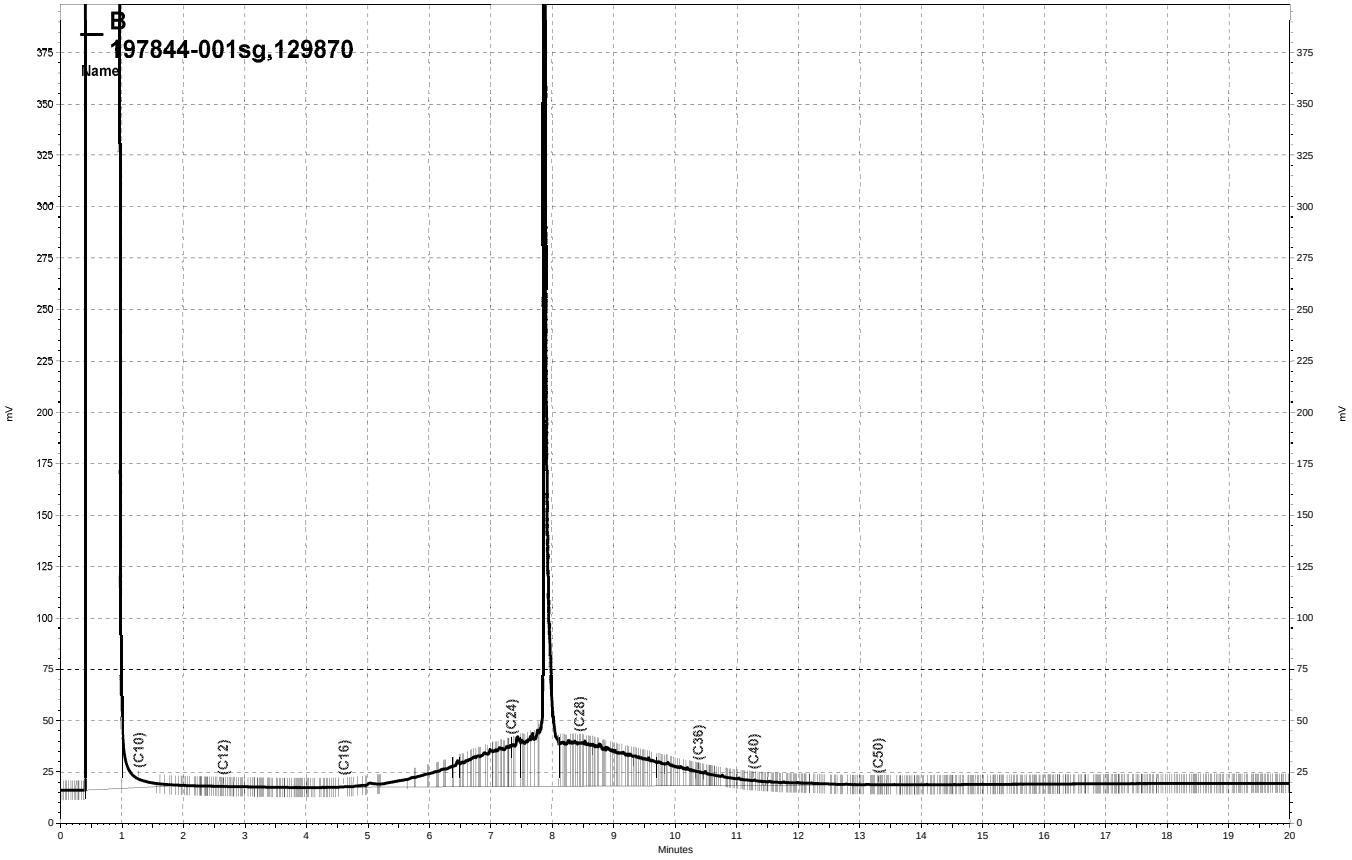
Surrogate	%REC	Limits
Hexacosane	71	46-128

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC407799

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.85	248.3	-37 NM	31-150	1	42

Surrogate	%REC	Limits
Hexacosane	65	46-128

NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference



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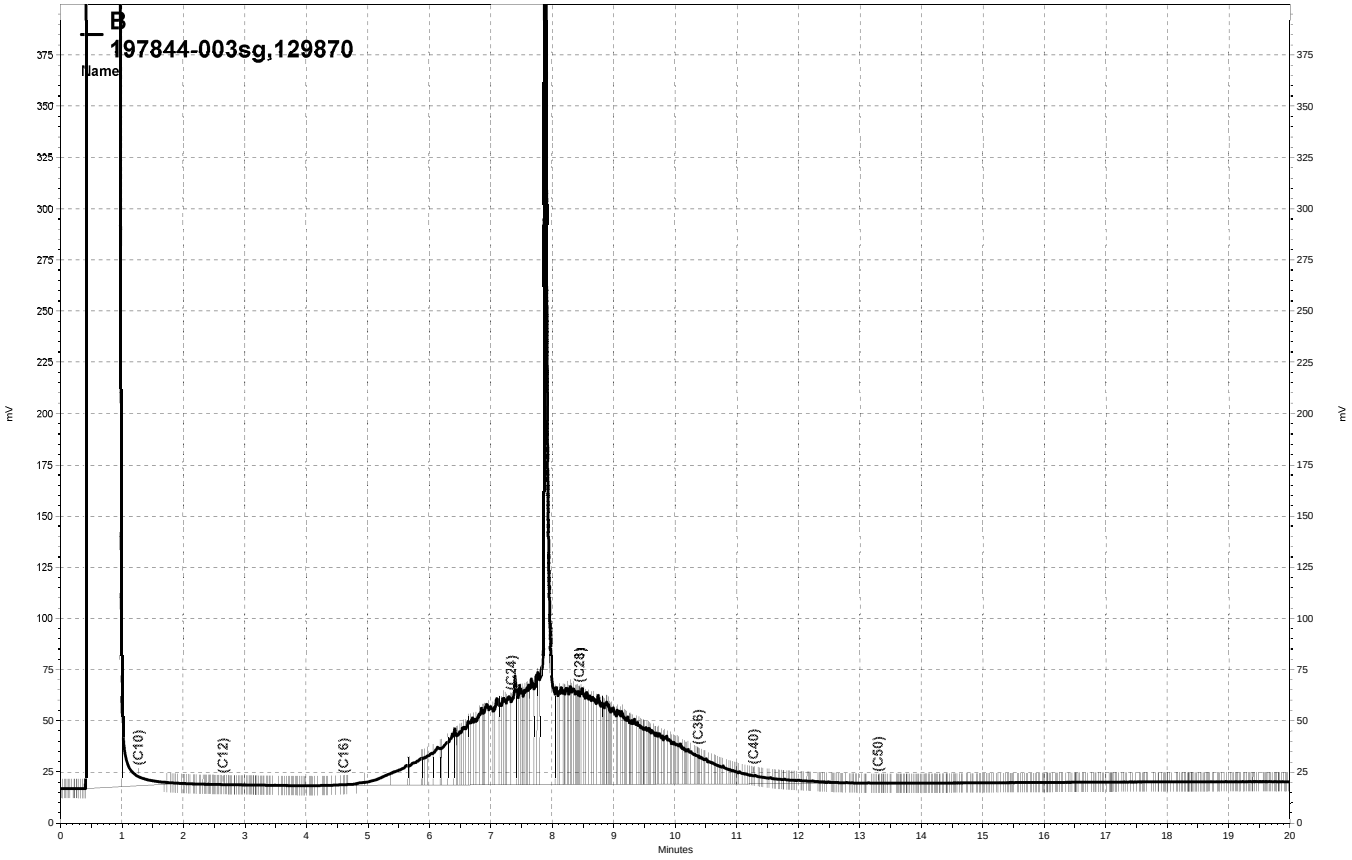

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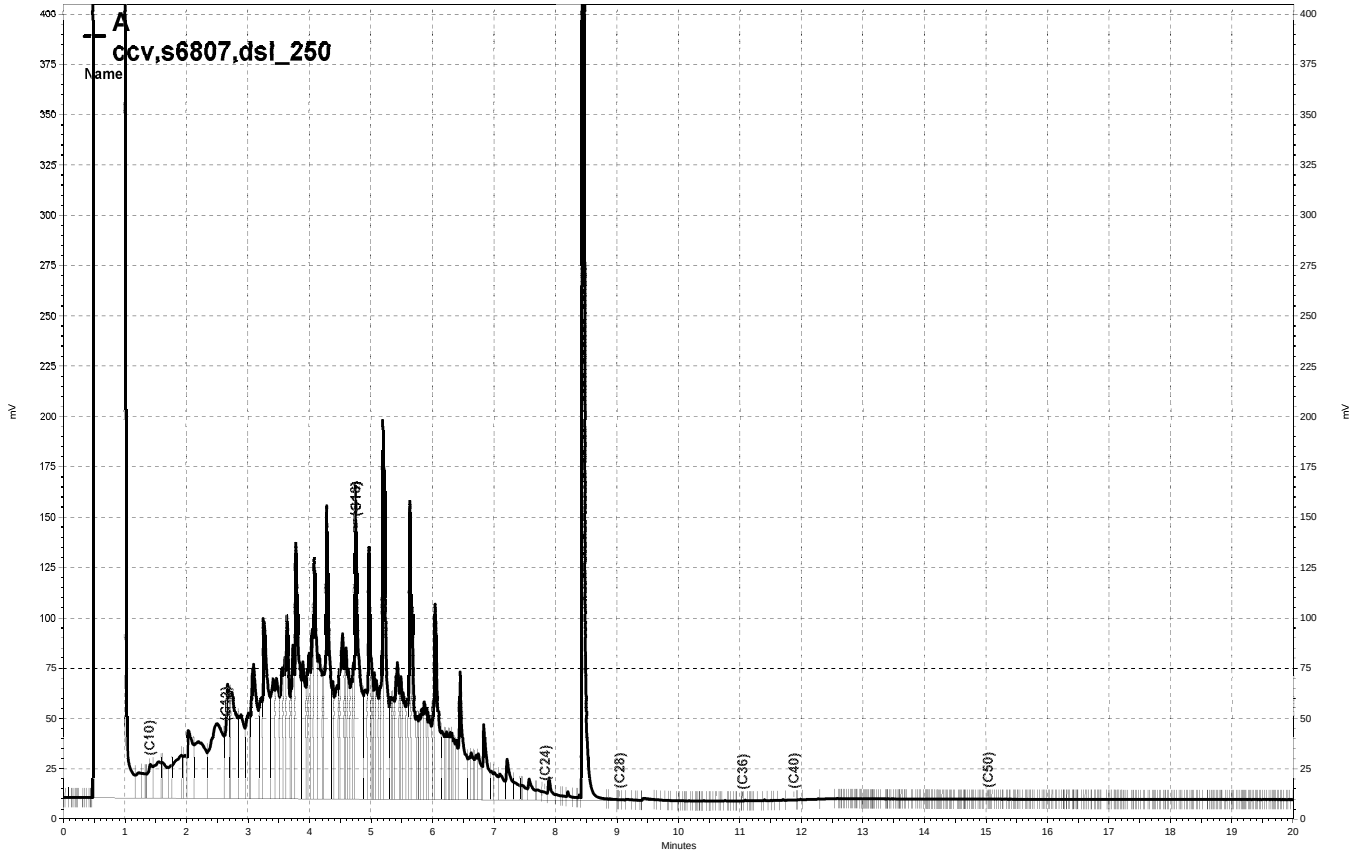

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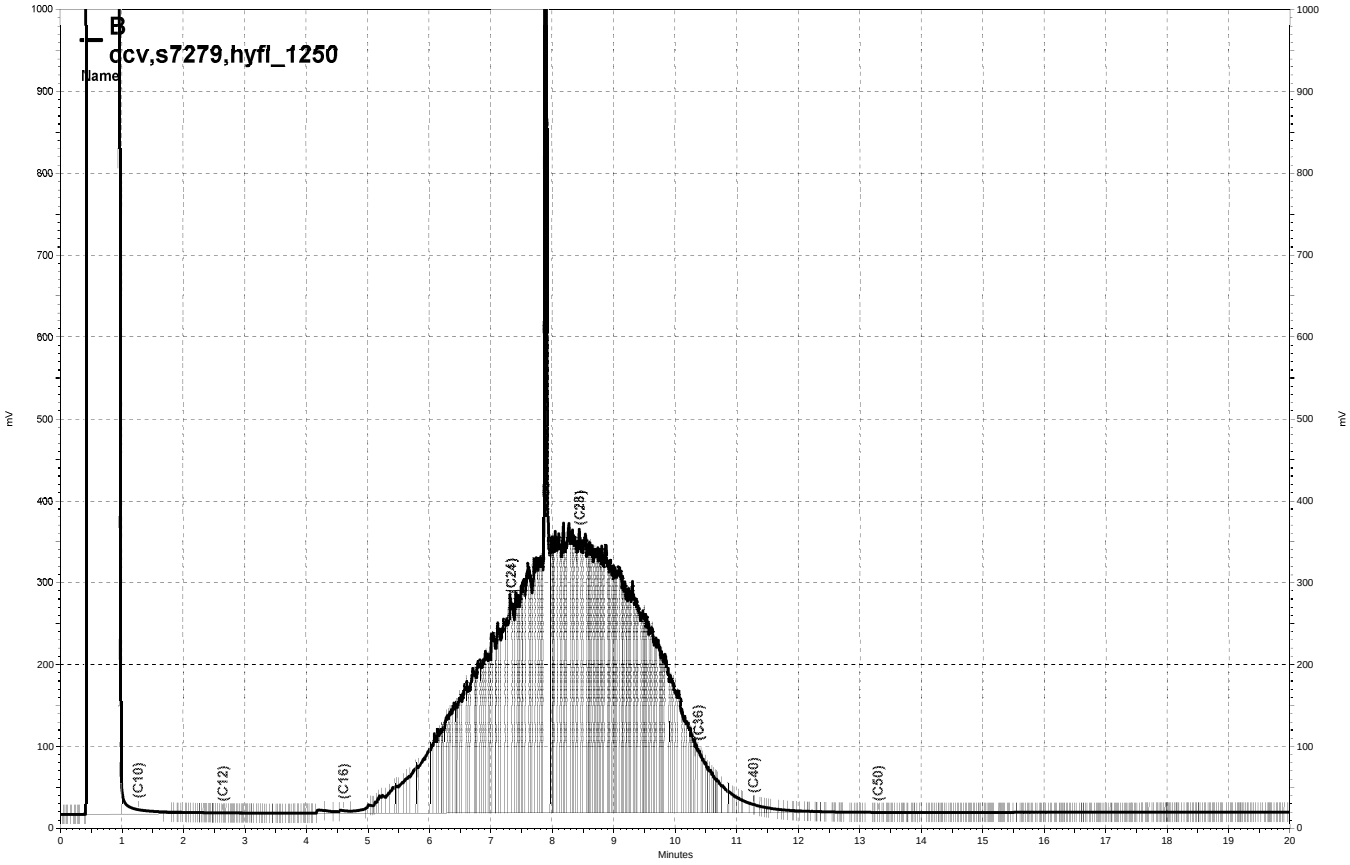

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APPENDIX E

Area 3 95 UCL Chromium Calculation

Soil Management Implementation Report

3701-3799 Broadway Avenue

Oakland, California

SECOR PN: 05OT.50238.00

June 11, 2008

Area 3 Confirmation Sample Chromium 95 UCL (May 1, 2007)

Iterations	5000	Desired UCL e.g.; 0.95	0.95	UCL	45.68412
				LCL	39.7766

	64.00	4.15888308
	28.00	3.33220451
	48.00	3.87120101
	28.00	3.33220451
	48.00	3.87120101
	54.00	3.98898405
	41.00	3.71357207
	32.00	3.4657359
Sum	343.00	29.7339861
Mean	42.88	3.72
Count	8.00	8.00
Variance	169.55	0.08
S.Dev	12.18	0.29

Calculated 95 UCL = 45.68

APPENDIX F

Groundwater Discharge Permits

Soil Management Implementation Report
3701-3799 Broadway Avenue
Oakland, California
SECOR PN: 05OT.50238.00
June 11, 2008

EAST BAY
MUNICIPAL UTILITY DISTRICT

DAVID R. WILLIAMS
DIRECTOR OF WASTEWATER

CERTIFIED MAIL
(Return Receipt Requested)
Certified Mail No. 7004 2510 0001 5933 6891

April 3, 2007

Mr. Dan Crosby
McCarthy Building Companies
343 Sansome Street, 14th Floor
San Francisco, CA 94104

Re: Wastewater Special Discharge Permit No. 5061528 1
Kaiser Oakland Replacement Hospital Project
Discharge Location: 3701, 3735-3757, 3793, 3799, 3785 Broadway, Oakland

Enclosed is the Special Discharge Permit for the McCarthy Building Companies, effective April 5, 2007, through October 4, 2008, for your information and records. The Permit is for the discharge of treated groundwater for the Kaiser Oakland Replacement Hospital Project from street numbers located at 3701, 3735-3757, 3793, 3799, 3785 Broadway, Oakland, CA. Please read the Permit Terms and Conditions and the attached *Standard Terms and Conditions*. As a Permit holder, you are legally responsible for complying with all Permit conditions and requirements.

McCarthy Building Companies shall report to the Environmental Services Division any changes, permanent or temporary, to the premises or operations that significantly affect the quality or volume of wastewater discharge or deviate from the terms and conditions under which the Permit was granted.

If you have any questions regarding this Permit, please contact Molly Ong of the Environmental Services Division at (510) 287-1618.

Sincerely,

BENNETT K. HORENSTEIN
Manager of Environmental Services

BKH:MKO:mko

Enclosures

W:\NAB\IDS\Permits\Special Discharge\Permits\McCarthy Building Company\McCarthy Cover Letter.doc

SPECIAL DISCHARGE PERMIT

EBMUD PERMIT NUMBER 5061528 1

APPLICANT FORM

APPLICANT BUSINESS NAME
McCARTHY BUILDING COMPANIES

SIC CODE 4950
~~8810~~ MO

ADDRESS OF SITE DISCHARGING WASTEWATER
3735-3757, 3793, 3799, 3785, 3701 BROADWAY
STREET ADDRESS

OAKLAND
CITY

94606
ZIP CODE

APPLICANT MAILING ADDRESS
343 SANSOME, 14th FLOOR
STREET ADDRESS

SAN FRANCISCO
CITY

94104
ZIP CODE

CONTACT PERSONS

APPLICANT
DAN CROSBY
NAME

McCARTHY BLDG. CO.
PROJECT MANAGER
TITLE

(415) 397-5151
PHONE NUMBER

cell 415 716-8621

CONSULTANT
SECOR: GREG HOEHN
NAME

SECOR
PRINCIPAL GEOLOGIST
TITLE

(925) 299-9300
PHONE NUMBER

CONTRACTOR
DAN CROSBY
NAME

"
TITLE

"
PHONE NUMBER

CERTIFICATION

I understand that issuance of a Special Discharge Permit does not exempt or preclude the facility from being issued a Discharge Minimization or Pollution Prevention Permit.

I understand that I am legally responsible for discharge of wastewater from the facility and for complying with the Terms and Conditions of this Special Discharge Permit.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

DAN CROSBY
NAME

PROJECT MANAGER
TITLE

SIGNATURE (SEE CERTIFICATION REQUIREMENTS ON INSTRUCTIONS)

3/5/07
DATE

SPECIAL DISCHARGE PERMIT

EBMUD PERMIT NUMBER 50615281 **APPLICANT FORM**

Purpose: This information demonstrates the wastewater meets established criteria for a Special Discharge Permit. Check each statement that applies and supply required information.

☒ *Reasonable and cost effective means of recycling and reuse of the wastewater are unavailable.* Provide information describing what means were considered, and why they were not implemented.
OFF SITE DISPOSAL NOT COST EFFECTIVE

☒ *The wastewater is unsuitable for discharge to the storm sewer.* Provide explanation.
GROUND WATER ANALYTICAL SHOW UNTREATED CONCENTRATIONS OF PETROLEUM HYDROCARBONS AND VOCS

☒ *The wastewater is generated only within the SD-1 wastewater service area.* Provide location.
OAKLAND, CA.

☒ *The wastewater meets source criteria.* Describe the source and operations generating the wastewater. Include the Wastewater Source Category from Special Discharge Permit Standard Terms and Conditions, Section A, II.
CATEGORY B, CONSTRUCTION DEWATERING

☒ *The wastewater is discharged during a limited period of time.*
Maximum Discharge Duration: 334 days Start Date: 3/26/07 Hours of Discharge: 24 HRS

☒ *Wastewater volume and flow will not exceed 100 gals/minute.*
Total Discharge Volume: 40,000,000 gallons

☒ *Discharge to the sanitary sewer during a rain event may be prohibited.* Describe containment capacity during a 10-year rain event (3.16 inches of rainfall in a 24-hour period).
Groundwater will not be pumped during a rain event, per Mr. Dan Crosby 3/29/2007 MD

☒ *The side sewer through which the wastewater is discharged has been identified.* Applicant is responsible for obtaining local permits to use manholes or cleanouts for discharge.
Attach a site diagram. Show facility location, property lines, wastewater source, drainage plumbing, the side sewer, and sampling location.

☒ *Known and potential pollutants present in the wastewater are characterized.*
Attach a summarized list of all pollutant concentrations present in the wastewater. Also include the complete certified laboratory analytical report.

☒ *Treatment technology or best management practices have been identified that will result in the wastewater meeting discharge limits, and sediment or silt does not enter collection system.*

1) For EBMUD metered sources, describe pretreatment or best management practices that will be used to ensure the wastewater discharge complies with Ordinance No. 311 wastewater discharge limits.
Provide EBMUD account number: _____

OR

For unmetered sources, including construction dewatering or groundwater, describe pretreatment or best management practices that will be used to ensure pollutant concentrations do not exceed SD-1 annual average influent concentrations
CONSTRUCTION DEWATERING WILL FLOW THROUGH A CHEMICAL TREATMENT SYSTEM PER ATTACHED PROCESS FLOW DIAGRAM. THE TREATED GROUNDWATER WILL BE SAMPLED TO CONFIRM ADEQUATE TREATMENT & DISCHARGED TO SANITARY SEWER.

2) Attach a schematic flow diagram of the pretreatment system. The diagram must accurately depict the pretreatment system as constructed. Field deviation from the diagram is not allowed, unless pretreatment system modifications are approved and the permit revised prior to the discharge.

*This Section for EBMUD Use Only – **Fees will be applied to the account established for this permit***
☒ *Permit application fee - $745* ☒ *Volatile Organics Testing - $193* ☐ *Heavy Metals Testing - $82* ☒ *Oil and Grease Testing - $94* ☐ *pH Testing - $17* ☒ *Additional Wastewater Treatment/Disposal Charges - $0.02-$0.10/gallon*
@ $0.02/gal Sub-Total: $1032.-
Total: TBD

SPECIAL DISCHARGE PERMIT
Terms and Conditions

PERMIT NUMBER **5061528 1 McCarthy Building Companies (MBC)**

FOR KAISER OAKLAND REPLACEMENT HOSPITAL PROJECT
Broadway Ave between W. Macarthur Blvd & 38th Street, Oakland, CA 94606

GENERAL CONDITIONS

I. McCarthy Building Companies (MBC) shall comply with all items of the attached *Special Discharge Permit Standard Terms and Conditions.*

II. MBC shall discharge Special Discharge Wastewater only from the specific source described in the *Special Discharge Permit Terms & Conditions, Criteria and Fees* form. The discharge of all other wastewater must comply with EBMUD Ordinance No. 311A-03.

III. MBC shall immediately cease discharge of treated or managed Special Discharge Wastewater if not in compliance with any of the terms and conditions of this Special Discharge Permit.

IV. This Special Discharge Permit is considered a waiver of EBMUD Ordinance No. 311A-03, Title I, Section 5, which prohibits the discharge of storm water, drainage water, and groundwater to the community sewer.

COMPLIANCE REQUIREMENTS

I. MBC shall pre-treat or manage all special discharge wastewater prior to discharge to the sanitary sewer, such that discharge achieves compliance with the limits established in this Special Discharge Permit. **Pretreatment shall be as depicted in the "Process Flow Diagram", titled Secor/McCarthy Builders, Kaiser, Oakland, CA, Drawing No. G-9-MO191-1-, Original DWG Date 02Mar07. The holding tanks shall be sufficient in capacity to hold all wastewater for a 3" per day, 10-year storm event, for at least 24 hours until discharge is permitted after a rain event. Pretreatment shall include, at a minimum, Organoclay Filters and Carbon Filters, to meet compliance with EBMUD Wastewater Control Ordinance 311A-03.**

II. MBC shall post a sign in the work area stating "All Wastewater Discharge must comply with the Special Discharge Permit."

III. All discharge shall be through a totalizing flow meter and logged in with date, time, volume of discharge and signed by Site Manager. This logbook shall also contain information on date and time whenever wastewater discharge pump is turned on and off. The subject logbook shall be available for inspection upon request by EBMUD staff.

IV. MBC shall not discharge Special Discharge Wastewater authorized by this Special Discharge Permit after the expiration date. MBC shall notify EBMUD Environmental Services the date of final discharge, if discharge ends prior to expiration date.

V. MBC shall not discharge wastewater at a flow rate greater than 100 gallons per minute.

VI. MBC shall not discharge wastewater until 24 hours after a rain event which is defined as any precipitation greater than a drizzle.

VII. MBC shall obtain approval from the City of Oakland, Public Works Department, for the side sewer discharge locations through which the special discharge wastewater is to be discharged, and shall comply with the terms and conditions set by this public agency owning the sanitary sewer system at the subject sites.

WASTEWATER DISCHARGE LIMITS

MBC shall not discharge Special Discharge Wastewater into the community sewer if the strength of the wastewater exceeds EBMUD Ordinance No. 311A-03 Wastewater Discharge Limits:

PARAMETERS	DAILY MAXIMUM
Total Identifiable Chlorinated Hydrocarbon	0.5 mg/L
Oil & Grease, Hydrocarbon	100 mg/L

SPECIAL DISCHARGE PERMIT
Terms and Conditions

PERMIT NUMBER **5061528 1 McCarthy Building Companies (MBC)**

FOR KAISER OAKLAND REPLACEMENT HOSPITAL PROJECT
Broadway Ave between W. Macarthur Blvd & 38th Street, Oakland, CA 94606

MONITORING REQUIREMENTS

MBC shall monitor wastewater discharge operations to ensure compliance with the terms and conditions of this Special Discharge Permit. **Monitoring shall include recording discharge meter readings from the Flow Totalizer Discharge Meter, one self-monitoring sampling event at start of discharge and one sampling event per calendar quarter, thereafter.**

Sample point shall be the final "Effluent" from the VCC Carbon Filters, just prior to discharge to the sanitary sewer, as depicted in the *Process Flow Diagram, Drawing No. G-9-MO191-1- Rev.0* for *Secor/McCarthy Builders, Kaiser-Oakland , CA.* Analytical data shall be submitted to EBMUD Environmental Services Division, MS 702, PO Box 24055, Oakland, CA 94623, **within fifteen (15) business days of sampling.** Data shall include analyses for VOC (EPA Method 624, or EPA 8260B) and Oil & Grease Hydrocarbon (EPA 1664-SGT). Separate report for weekly meter readings and total volume discharged to date, shall be submitted on a monthly basis, as data become available, to the same address or via email to mong@ebmud.com or via facsimile at 510 287-0621.

Sample Location	Sample Type	Sample Parameters	Analytical method	Sample Frequency
Final Effluent from carbon filters	Grab	Volatile Organic Carbon	EPA 624 or EPA 8260B	At startup, and once per calendar quarter, thereafter
Final Effluent from carbon filters	Grab	Oil & Grease Hydrocarbon	EPA 1664-SGT	At startup, and once per calendar quarter, thereafter

INSPECTIONS

The District may conduct random, unannounced inspections to verify compliance with the terms and conditions of this Special Discharge Permit. MBC shall grant District personnel access to the facility to conduct inspections and collect Special Discharge Wastewater samples.

ENFORCEMENT AND PENALTIES

Failure to comply with the terms and conditions of this Special Discharge Permit and *Special Discharge Permit Standard Terms and Conditions* may result in enforcement actions, including violation follow-up fees, civil enforcement penalties, and administrative fines of up to $5,000 per day.

RATES AND CHARGES

This Special Discharge Permit may be amended to include changes to rates and charges that may be established by the District during the term of this Special Discharge Permit. The estimated total volume of discharge is **40 Million gallons.** The discharge shall be charged $0.02 per gallon for the entire actual volume of discharge, as supported by discharge meter reading reports. An initial charge for the Permit application fee of $745, plus analytical testing fees of $287, for a total of $1,032 will be billed.

AUTHORIZATION

Special Discharge Permit Holder is hereby authorized to discharge Special Discharge Wastewater to the community sewer, subject to compliance with EBMUD Ordinance No. 311A-03, Special Discharge Permit Terms and Conditions, and billing conditions.

EFFECTIVE: **April 4, 2007**

EXPIRATION: **October 3, 2008**

David R Williams
Director, Wastewater Department

4/10/07
Date

EBMUD

SPECIAL DISCHARGE PERMIT STANDARD TERMS AND CONDITIONS

TABLE OF CONTENTS

II. Source Criteria

The following describes the source criteria for Special Discharge Wastewater requiring special regulation (Ordinance No. 311A-03, Title IV, Section I, a, 4 and 5).

a) *Boiler and/or Cooling Tower Maintenance* – Wastewater generated by nonroutine system flushing or discharge of spent boiler/cooling water.

b) *Construction Dewatering* – Groundwater or stormwater generated from trenching or excavation operations.

c) *Infrastructure Maintenance* – Any wastewater generated by nonroutine cleaning or maintenance activities. This may include wastewater generated during line flushing and equipment cleaning.

d) *Monitoring Well Groundwater* – Groundwater collected from monitoring wells for the purpose of characterization, study, or review.

e) *Nonroutine Tank Cleaning* – Wastewater originating from cleaning or descaling of product, process, or waste storage tanks.

f) *Other Sources* – Wastewater generated from other temporary sources may require a Special Discharge Permit.

g) *Sewage Spill* – Wastewater generated from the clean up of any uncontrolled sewage spill. This may include collected raw sewage from a sewer line backup and/or clean-up water posing a potential environmental/public health concern.

h) *Spill* – An accidental discharge of a substance that may pose an environmental or public health concern.

i) *Spill Cleanup* – Wastewater generated from the clean up of spilled product or process wastes (excluding sewage) at a facility not otherwise required to have a wastewater discharge permit.

j) *Sump Discharge/Flooded Basement* – Wastewater generated during a single event and collected into sumps, basements, and loading docks, etc. not connected to the sanitary sewer.

k) *Surface Cleaning* – Any wastewater generated from flat surface cleaning activities that is not suitable for discharge to the storm sewer and is not regulated by other wastewater controls.

l) *Treated Bilge Water* – Wastewater collected in the bilge of a ship that has subsequently been treated for pollutants that may be present.

III. Disposal of Hazardous Waste

The Special Discharge Permit Holder shall handle and dispose of hazardous waste in accordance with all local, state, and federal laws and regulations.

IV. Dilution Prohibition

The Special Discharge Permit Holder shall not in any way dilute the wastewater discharge as a substitute for treatment to achieve compliance with the Special Discharge Permit Terms and Conditions.

V. Bypass of Treatment Facilities

The Special Discharge Permit Holder shall not bypass treatment facilities unless:

a) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage. (Severe property damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production).

b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass that occurred during normal periods of equipment downtime or preventative maintenance.

c) The Special Discharge Permit Holder submitted advance notice of the need for a bypass to the District. If the Special Discharge Permit Holder knows in advance of the need for a bypass, it shall submit prior notice, if possible at least 10 days before the date of the bypass.

The Special Discharge Permit Holder shall notify the District of an unanticipated bypass within 24 hours. The Special Discharge Permit Holder shall also submit a written report explaining the circumstances of the bypass.

VI. Calibration and Maintenance of Equipment

The Special Discharge Permit Holder shall calibrate, inspect, and maintain all flow measuring, discharge sampling, monitoring, and pretreatment equipment to ensure the equipment accuracy and reliability.

VII. Availability of Special Discharge Permit

A copy of the Special Discharge Permit shall be maintained by the Special Discharge Permit Holder and be available to both facility and EBMUD staff at all times.

a) The Special Discharge Permit Holder shall notify the District within 24 hours of becoming aware of any of the following violations:

1. discharges prohibited by Ordinance No. 311A-03, Title II, except where authorized by the Special Discharge Permit
2. exceedence of wastewater discharge limits as established in the Special Discharge Permit
3. failure to perform any BMPs included in the Special Discharge Permit
4. bypass of any part of a required pretreatment system

b) The Special Discharge Permit Holder shall submit a written report to the District within five days after becoming aware of the violation. The report shall include the following information:

1. description of the violation, including the cause, date and time of the violation
2. date and time the discharge was stopped
3. measures taken to correct the violation
4. measures taken to prevent future violations

Prior to receiving District authorization to resume discharge, the Special Discharge Permit Holder may be required to demonstrate compliance with the Special Discharge Permit Terms and Conditions.

III. Changes in Quantity and Quality of Wastewater

The Special Discharge Permit Holder shall immediately report to the District any significant change to the quality or volume of the wastewater discharge or any deviation from the terms and conditions of the Special Discharge Permit.

IV. Hazardous Waste Notification

The Special Discharge Permit Holder shall submit to the District a written notification in accordance with 40 CFR 403.12(p) of any discharge, which, if otherwise disposed of, would be a hazardous waste under 40 CFR 261.

V. Signatory Requirements

The Permit Holder shall submit in accordance with the signatory requirements of 40 CFR 403.12 (l) all applications, self-monitoring reports, violation response reports, compliance reports, and other reports or documents required by the District. The submittal shall include the following certification statement and shall be signed by the duly authorized representative:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system,

(3) by a duly authorized representative of the individual designated in paragraph *(1)* or *(2)* of this section if:

(i) The authorization is made in writing by the individual designated in paragraph (1) or (2);

(ii) The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the industrial discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and

(iii) The written authorization is submitted to the District.

(4) If an authorization under paragraph (a)(3) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (a)(3) of this section must be submitted to the District prior to or together with any reports to be signed by an authorized representative.

b. Reports and applications must include the following certification statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

VI. Retention of Records

a. The Permit Holder shall retain all records and relevant correspondence, including but not limited to:

(1) all records used to complete the Permit Application

(2) all information resulting from any monitoring activities

(3) discharge reports

(4) self-monitoring data

(5)pretreatment system process control logs, including calibration and maintenance records, and original strip chart recordings of continuous monitoring instrumentation

b. The Permit Holder shall make all retained records available for inspection and copying by a duly authorized representative of the District or any other governmental entity having jurisdiction.

VII. Falsifying Information

Knowingly making any false statement on any report or other document required by the Permit or knowingly rendering any monitoring device or method inaccurate, is a crime, and may result in administrative, civil and criminal enforcement action.

SECTION C. MONITORING AND SAMPLING

I. Representative Sampling

Samples and measurements taken, as required in the Permit or those submitted with the application, shall be representative of the volume and nature of the monitored discharge. The Permit may require that a sample be representative of certain, specific, discharge periods.

Detection limits shall be sufficient to determine compliance with the Permit terms and conditions.

II. Chain of Custody

a. The Permit Holder shall submit a Chain of Custody record for each sample that documents the following:

(1) the location, the type of sample(s) (grab or composite), the date(s) and time, or span of time the sample was taken
(2) the number of containers, and type (glass, plastic, vial, etc.)
(3) preservation techniques (ice, refrigeration at 4°C, chemicals added, etc.)
(4) sample collector's name, legibly written
(5) sample ID number (to cross-reference with the sample ID number on the Laboratory results)
(6) all persons handling the sample and the individual receiving the sample at the laboratory, including their signature, printed name, company, date and time the sample was relinquished and accepted

b. The Permit Holder shall ensure that samples transported or handled by a courier, delivery service (public or private) or shipper shall include the company or individual's name, and the method of packaging the samples, on the Chain of Custody record.

c. The Permit Holder shall show all sample analyses performed in the field on the Chain of Custody record (e.g. pH - field test).

d. The District may require resampling of the wastewater for an incomplete or incorrect Chain of Custody record.

III. Sample Preservation and Analytical Methods

Unless the Permit requires otherwise, the Permit Holder shall use sampling methods, sample preservation, and analytical methods for each parameter in accordance with applicable sections of:

a. *EBMUD Table of Approved Test Methods*

6. sample collector's name legibly written
7. sample identification number that corresponds to the sample identification number on the analytical report
8. printed name and signature of all persons handling the sample, and date and time the sample was relinquished and accepted

b) The Special Discharge Permit Holder shall ensure that a sample transported or handled by a courier, delivery service (public or private) or shipper, shall include the company or individual's name and the method of packaging the sample, on the Chain of Custody Record.

c) The Special Discharge Permit Holder shall show all sample analyses performed in the field on the Chain of Custody Record, e.g. pH - field test.

d) The District may require resampling of the wastewater if an incomplete or incorrect Chain of Custody Record is submitted.

III. Sample Preservation and Analytical Methods

Unless the Special Discharge Permit requires otherwise, the Special Discharge Permit Holder shall use sampling methods, sample preservation, and analytical methods for each parameter in accordance with applicable sections of:

a) *EBMUD Table of Approved Test Methods*

b) *Standard Methods of Water and Wastewater Analysis*, edition used in the EBMUD Table of Approved Test Methods

c) EPA 40 CFR Part 136, *Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act*, latest edition

IV. Laboratory Report

The Special Discharge Permit requires that each sample analysis be performed by a laboratory certified by the State Department of Health Services for that analysis. The laboratory report for each sample shall include:

a) name and address of the laboratory performing the analyses

b) sample identification number that corresponds to the sample identification number on the Chain of Custody Record

c) analytical result(s)

d) date of sampling, the date the sample was received at the laboratory, and the date of analysis

e) *Standard Methods of Water and Wastewater Analysis* method or EPA method used for analysis

f) method detection limit

District – District refers to East Bay Municipal Utility District (EBMUD). EBMUD is a publicly owned water district formed in 1923 under the Municipal Utility District Act of 1921.

EBMUD Ordinance No. 311A-03 – EBMUD Ordinance No. 311A-03 is the EBMUD ordinance that regulates the interception, treatment and disposal of wastewater and industrial wastes.

Hazardous Waste – Hazardous Wastes are listed and characterized under Section 3001 of the Resource Conservation and Recovery Act, as described in the Code of Federal Regulations (40 CFR Part 261) or as defined in California Health and Safety Code Section 25117.

Pollution Prevention Permits – Pollution Prevention Permits are permits issued to businesses in specific commercial categories. Pollution Prevention Permits are based on pollution prevention or waste minimization at sources, and the implementation of specific BMPs.

POTW – POTW refers to Publicly Owned Treatment Works, e.g., EBMUD SD-1

Pretreatment Program – A Pretreatment Program is administered by a POTW that meets the criteria established in EPA 40 CFR Part 403.8, 403.9 and 403.11.

Prohibition – Prohibition refers to prohibited discharges of wastewater as defined in EPA 40 CFR Part 403.5 or EBMUD Ordinance No. 311A-03, Title I, Section 5, and Title II, Section 2.

Regional Water Quality Control Board – The California Regional Water Quality Control Board, San Francisco Bay Region, is the approval authority for the District's Pretreatment Program.

Sample – Sample refers to a portion of wastewater that is representative of a larger volume of wastewater being discharged. The two types of samples are:

a) Grab - an individual sample collected in a short period of time not exceeding fifteen minutes
b) Composite - a sample consisting of a number of discrete aliquots combined into a single sample, representative of a period of time

SD-1 – SD-1 refers to EBMUD Special District No. 1, a district established to provide treatment of wastewater from the following East Bay Communities: Alameda, Albany, Berkeley, Emeryville, Oakland, Piedmont, and the Stege Sanitary District that includes the City of El Cerrito, the Richmond Annex, and the Kensington area. [Ref. MUD Act, Division 6, Chapter 8, Section 13451].

Slug Discharge – Slug Discharge is any non-routine batch discharge that may cause problems to the POTW including interference [40 CFR 403.3(i)] or pass-through [40 CFR 403.3(n)], or that may result in the Special Discharge Permit Holder violating the General Prohibitions or Specific Prohibitions contained in 40 CFR 403.5.

California Regional Water Quality Control Board
San Francisco Bay Region

Linda S. Adams
Secretary for
Environmental Protection

1515 Clay Street, Suite 1400, Oakland, California 94612
(510) 622-2300 • Fax (510) 622-2460
http://www.waterboards.ca.gov/sanfranciscobay

Arnold Schwarzenegger
Governor

Date: OCT 0 4 2007
File Nos. 2199.9465 & 1210.44 (lrg)

Kaiser Permanente
Attn.: Mr. Gary Bankhead
Senior Project Manager
Oakland Replacement Team
1100 San Leandro Boulevard, Suite 200
San Leandro, CA 94577

Subject: Notice of General Permit Coverage for Temporary Groundwater Dewatering Discharge from 3701-3799 Broadway, Oakland, Alameda County, CA 94611, under the Requirements of Order No. R2-2006-0075, NPDES Permit No. CAG912002 (Fuels General Permit)

Dear Mr. Bankhead:

We have reviewed your Notice of Intent (NOI) application package dated September 24, 2007, and a supplement dated September 28, 2007, for the above-named facility. We have determined that the proposed discharge is eligible for coverage under the requirements of the Fuels General Permit. You are authorized to discharge only as specified in the following table and are required to comply with all Fuels General Permit requirements. This discharge authorization is conditional and may be terminated at any time by the Water Board. Please use the WDID number and the site address listed in the table for any future communications.

Facility	Discharge Type
Kaiser Oakland MOB Replacement 3701-3799 Broadway Oakland, CA 94611	Temporary groundwater dewatering
State Receiving Water	**Discharge Location**
Glen Echo Creek (Broadway branch)	Latitude: 37.825428 and Longitude: -122.258905
Waste Discharge Identification (WDID)	**Allowable Discharge**
2 079465001	Extracted and Treated Groundwater (Limits under "Discharge to Drinking Water Areas" are applicable).
Maximum Discharge Flow Rate	**Treatment Systems**
0.144 million gallons per day (mgd)	Treatment system consisting of at least: • Thirty-five extraction wells, each one with 1-hp submersible pump. • Two 20,000-gallon settling tanks.

	• One 6,500-gallon settling tank. • Three pod sand filters. • Two 2,000-pound liquid-phase granular activated carbon (GAC) vessels in series.

Any changes to your system or treatment require prior approval by Water Board staff. If the information within the table is incorrect, or should you have any questions, please contact Lou Gonzales at (510) 622-2365 or e-mail at lgonzales@waterboards.ca.gov. If and when you upload documents on Geotracker, you must also notify Lou Gonzales within 24 hours at the above e-mail address, of the titles of documents uploaded.

Sincerely,

for Bruce H. Wolfe
Executive Officer

cc: Mario Sternad, P.E.
SECOR International, Inc.
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549