

**Volume II - Appendix B  
Phase II Environmental Site Assessment -  
December 2011 through November 2012**

Hazardous Materials Investigation  
120<sup>th</sup> Avenue NE Widening Project  
NE 7<sup>th</sup> Street to NE 12<sup>th</sup> Street  
Bellevue, Washington

*for*  
**City of Bellevue  
c/o Parsons Brinckerhoff**

April 15, 2013



**Volume II – Appendix B  
Phase II Environmental Site Assessment –  
December 2011 through November 2012**

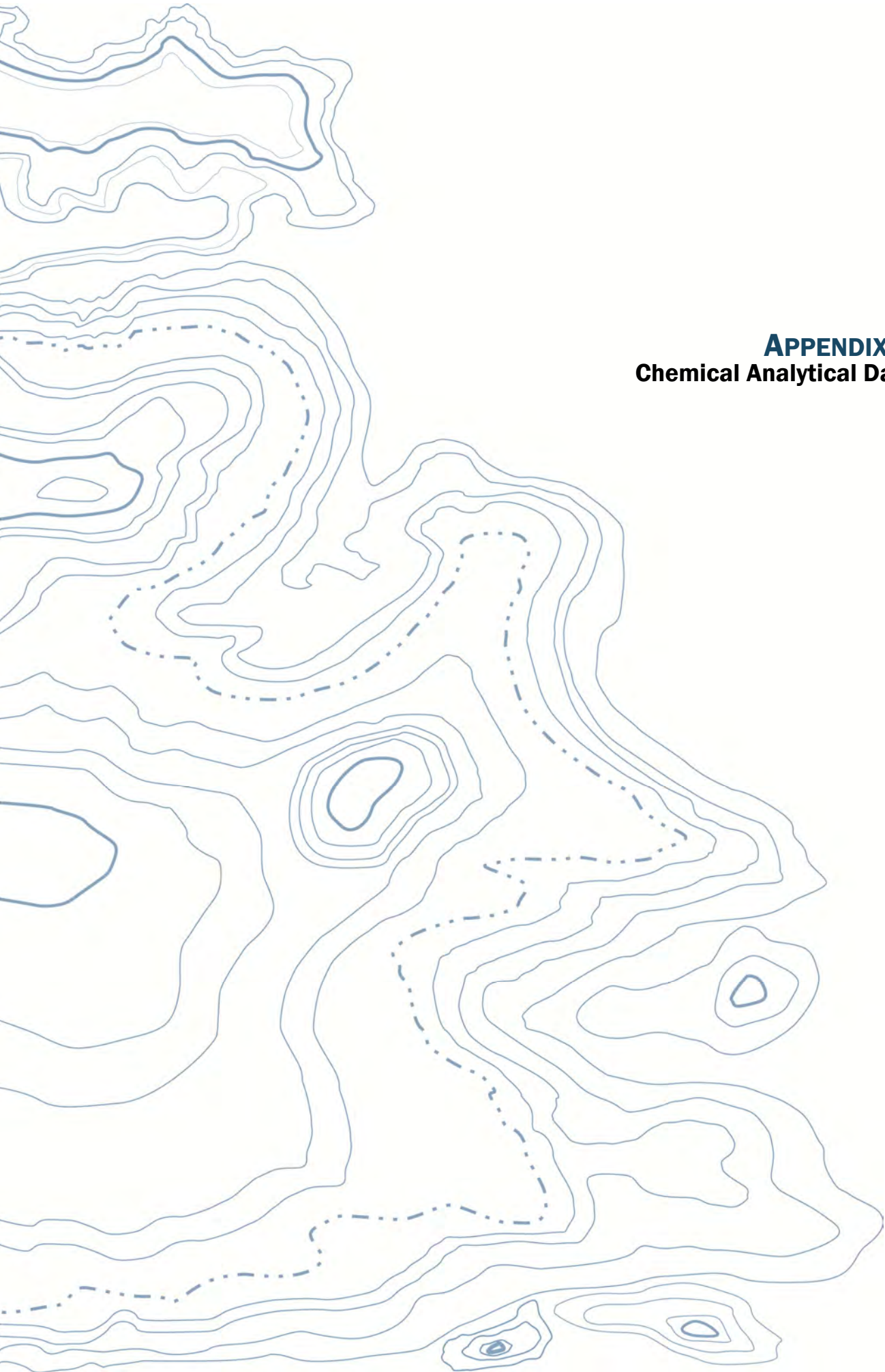
Hazardous Materials Investigation  
120<sup>th</sup> Avenue NE Widening Project  
NE 7<sup>th</sup> Street to NE 12<sup>th</sup> Street  
Bellevue, Washington

*for*  
**City of Bellevue**  
**c/o Parsons Brinckerhoff**

April 15, 2013



8410 154<sup>th</sup> Avenue NE  
Redmond, Washington 98052  
425.861.6000



**APPENDIX B**  
**Chemical Analytical Data**

## APPENDIX B CHEMICAL ANALYTICAL DATA

### Analytical Methods

Chain-of-custody procedures were followed during the transport of the soil samples to the analytical laboratory. The samples were held in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference and laboratory quality control (QC) records are included in this appendix. The analytical results are also summarized in the text and tables of this report.

### Analytical Data Review

The laboratory maintains an internal quality assurance program as documented in its laboratory quality assurance manual. The laboratory uses a combination of blanks, surrogate recoveries, duplicates, matrix spike recoveries, matrix spike duplicate recoveries, blank spike recoveries and blank spike duplicate recoveries to evaluate the validity of the analytical results. The laboratory also uses data quality goals for individual chemicals or groups of chemicals based on the long-term performance of the test methods. The data quality goals were included in the laboratory reports. The laboratory compared each group of samples with the existing data quality goals and noted any exceptions in the laboratory report. Data quality exceptions documented by the accredited laboratory were reviewed by GeoEngineers and are addressed in the data quality exception section of this appendix.

### Analytical Data Review Summary

No significant data quality exceptions were noted by the laboratory with the exception of the following:

- Method 5035A VOA vials were not provided for sample B-114E-7.5-122211 and sample GEIMW-1-5.0. The samples were therefore extracted from an 8-ounce jar and analyzed. These exceptions are not considered significant based on the use of this data for characterization purposes and not cleanup confirmation.
- The sample B-105E-1.5-122011 was extracted and analyzed 1 day out of holding time. This exception is not considered significant based on the use of this data for characterization purposes and not cleanup confirmation.
- The sample chromatograms for B-106E-2.5-122111, B-107E-2.5-122111 and B-111E-10.0-122011 are similar to mineral spirits. The text and tables are noted accordingly.
- Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample B-103E-5.0-122111. The sample was re-analyzed with similar results. This exception is not considered significant based on the use of this data for characterization purposes and not cleanup confirmation.

Based on our data quality review, it is our opinion that the analytical data are of acceptable quality for their intended use with the exceptions noted.



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

December 29, 2011

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-01  
Laboratory Reference No. 1112-137

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on December 19, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: December 29, 2011  
Samples Submitted: December 19, 2011  
Laboratory Reference: 1112-137  
Project: 0526-170-01

### **Case Narrative**

Samples were collected on December 19, 2011 and received by the laboratory on December 19, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx/BTEX and Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: December 29, 2011  
Samples Submitted: December 19, 2011  
Laboratory Reference: 1112-137  
Project: 0526-170-01

#### ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
B-104E-2.5-121911	12-137-01	Soil	12-19-11	12-19-11	
B-111E-5.0-121911	12-137-02	Soil	12-19-11	12-19-11	
B-112E-2.5-121911	12-137-03	Soil	12-19-11	12-19-11	
B-112E-5.0-121911	12-137-04	Soil	12-19-11	12-19-11	
B-113E-2.5-121911	12-137-05	Soil	12-19-11	12-19-11	
B-113E-5.0-121911	12-137-06	Soil	12-19-11	12-19-11	

Date of Report: December 29, 2011  
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 Laboratory Reference: 1112-137  
 Project: 0526-170-01

**NWTPH-HCID**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-2.5-121911</b>					
Laboratory ID:	12-137-02					
Gasoline Range Organics	<b>ND</b>	24	NWTPH-HCID	12-22-11	12-22-11	
Diesel Range Organics	<b>ND</b>	60	NWTPH-HCID	12-22-11	12-22-11	
Lube Oil Range Organics	<b>ND</b>	120	NWTPH-HCID	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	107	50-150				

<b>Client ID:</b>	<b>B-113E-2.5-121911</b>					
Laboratory ID:	12-137-06					
Gasoline Range Organics	<b>ND</b>	23	NWTPH-HCID	12-22-11	12-22-11	
Diesel Range Organics	<b>ND</b>	57	NWTPH-HCID	12-22-11	12-22-11	
Lube Oil Range Organics	<b>ND</b>	110	NWTPH-HCID	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	122	50-150				



Date of Report: December 29, 2011  
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 Project: 0526-170-01

**NWTPH-Gx/BTEX**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-104E-2.5-121911</b>					
Laboratory ID:	12-137-01					
Benzene	ND	0.020	EPA 8021	12-22-11	12-23-11	
Toluene	ND	0.041	EPA 8021	12-22-11	12-23-11	
Ethyl Benzene	ND	0.041	EPA 8021	12-22-11	12-23-11	
m,p-Xylene	ND	0.041	EPA 8021	12-22-11	12-23-11	
o-Xylene	ND	0.041	EPA 8021	12-22-11	12-23-11	
Gasoline	ND	4.1	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	68-124				
<b>Client ID:</b>	<b>B-111E-5.0-121911</b>					
Laboratory ID:	12-137-03					
Gasoline	ND	6.3	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	100	68-124				
<b>Client ID:</b>	<b>B-112E-2.5-121911</b>					
Laboratory ID:	12-137-04					
Benzene	ND	0.020	EPA 8021	12-22-11	12-23-11	
Toluene	ND	0.049	EPA 8021	12-22-11	12-23-11	
Ethyl Benzene	ND	0.049	EPA 8021	12-22-11	12-23-11	
m,p-Xylene	ND	0.049	EPA 8021	12-22-11	12-23-11	
o-Xylene	ND	0.049	EPA 8021	12-22-11	12-23-11	
Gasoline	ND	4.9	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	68-124				
<b>Client ID:</b>	<b>B-112E-5.0-121911</b>					
Laboratory ID:	12-137-05					
Benzene	ND	0.020	EPA 8021	12-22-11	12-23-11	
Toluene	ND	0.053	EPA 8021	12-22-11	12-23-11	
Ethyl Benzene	ND	0.053	EPA 8021	12-22-11	12-23-11	
m,p-Xylene	ND	0.053	EPA 8021	12-22-11	12-23-11	
o-Xylene	ND	0.053	EPA 8021	12-22-11	12-23-11	
Gasoline	ND	5.3	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	98	68-124				

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**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-104E-2.5-121911</b>					
Laboratory ID:	12-137-01					
Diesel Range Organics	<b>ND</b>	26	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil	<b>61</b>	52	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	96	50-150				
<b>Client ID:</b>	<b>B-111E-5.0-121911</b>					
Laboratory ID:	12-137-03					
Diesel Range Organics	<b>ND</b>	31	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil	<b>65</b>	61	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	103	50-150				
<b>Client ID:</b>	<b>B-112E-2.5-121911</b>					
Laboratory ID:	12-137-04					
Diesel Range Organics	<b>ND</b>	28	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil	<b>78</b>	57	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	101	50-150				
<b>Client ID:</b>	<b>B-112E-5.0-121911</b>					
Laboratory ID:	12-137-05					
Diesel Range Organics	<b>45</b>	29	NWTPH-Dx	12-27-11	12-27-11	N
Lube Oil	<b>390</b>	58	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	90	50-150				

Date of Report: December 29, 2011  
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**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-111E-2.5-121911</b>					
Laboratory ID:	12-137-02					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Acetone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	

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**VOLATILES by EPA 8260B**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-2.5-121911</b>					
Laboratory ID:	12-137-02					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	0.0015	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>86</i>	<i>55-121</i>				

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**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-111E-5.0-121911</b>					
<b>Laboratory ID:</b>	12-137-03					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Acetone	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0051	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0051	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0051	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-5.0-121911</b>					
Laboratory ID:	12-137-03					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	0.0040	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0051	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>55-121</i>				

Date of Report: December 29, 2011  
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**TOTAL LEAD  
 EPA 6010B**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-137-01					
<b>Client ID:</b>	<b>B-104E-2.5-121911</b>					
Lead	<b>ND</b>	5.2	6010B	12-22-11	12-22-11	
Lab ID:	12-137-04					
<b>Client ID:</b>	<b>B-112E-2.5-121911</b>					
Lead	<b>77</b>	5.6	6010B	12-22-11	12-22-11	
Lab ID:	12-137-05					
<b>Client ID:</b>	<b>B-112E-5.0-121911</b>					
Lead	<b>7.9</b>	5.8	6010B	12-22-11	12-22-11	
Lab ID:	12-137-06					
<b>Client ID:</b>	<b>B-113E-2.5-121911</b>					
Lead	<b>ND</b>	5.6	6010B	12-22-11	12-22-11	

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 Project: 0526-170-01

**NWTPH-HCID  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>METHOD BLANK</b>						
Laboratory ID:	MB1222S1					
Gasoline Range Organics	<b>ND</b>	20	NWTPH-HCID	12-22-11	12-22-11	
Diesel Range Organics	<b>ND</b>	50	NWTPH-HCID	12-22-11	12-22-11	
Lube Oil Range Organics	<b>ND</b>	100	NWTPH-HCID	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	127	50-150				



Date of Report: December 29, 2011  
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 Project: 0526-170-01

**NWTPH-Gx/BTEX  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1222S1					
Benzene	ND	0.020	EPA 8021	12-22-11	12-23-11	
Toluene	ND	0.050	EPA 8021	12-22-11	12-23-11	
Ethyl Benzene	ND	0.050	EPA 8021	12-22-11	12-23-11	
m,p-Xylene	ND	0.050	EPA 8021	12-22-11	12-23-11	
o-Xylene	ND	0.050	EPA 8021	12-22-11	12-23-11	
Gasoline	ND	5.0	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	68-124				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-137-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				94	96	68-124		

**SPIKE BLANKS**

Laboratory ID:	SB1222S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	0.828	0.787	1.00	1.00	83	79	77-114	5	9
Toluene	0.853	0.816	1.00	1.00	85	82	80-115	4	9
Ethyl Benzene	0.843	0.817	1.00	1.00	84	82	80-118	3	9
m,p-Xylene	0.865	0.838	1.00	1.00	87	84	82-118	3	9
o-Xylene	0.855	0.840	1.00	1.00	86	84	82-116	2	9
<i>Surrogate:</i>									
<i>Fluorobenzene</i>					90	87	68-124		

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**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1227S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	83	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-167-02					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil	<b>105</b>	<b>93.9</b>		11	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			86 91	50-150		

Date of Report: December 29, 2011  
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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1222S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Acetone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	

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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1222S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>55-121</i>				

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**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1222S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0578</b>	<b>0.0590</b>	0.0500	0.0500	116	118	70-130	2	19	
Benzene	<b>0.0547</b>	<b>0.0533</b>	0.0500	0.0500	109	107	70-125	3	15	
Trichloroethene	<b>0.0481</b>	<b>0.0470</b>	0.0500	0.0500	96	94	70-122	2	14	
Toluene	<b>0.0488</b>	<b>0.0490</b>	0.0500	0.0500	98	98	73-120	0	16	
Chlorobenzene	<b>0.0442</b>	<b>0.0436</b>	0.0500	0.0500	88	87	74-109	1	12	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					85	84	63-127			
<i>Toluene-d8</i>					85	90	65-129			
<i>4-Bromofluorobenzene</i>					85	90	55-121			

Date of Report: December 29, 2011  
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Laboratory Reference: 1112-137  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-22-11  
Date Analyzed: 12-22-11  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: MB1222SM2

Analyte	Method	Result	PQL
Lead	6010B	<b>ND</b>	5.0

Date of Report: December 29, 2011  
Samples Submitted: December 19, 2011  
Laboratory Reference: 1112-137  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
DUPLICATE QUALITY CONTROL**

Date Extracted: 12-22-11  
Date Analyzed: 12-22-11  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: 12-137-06

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	<b>ND</b>	<b>ND</b>	NA	5.0	

Date of Report: December 29, 2011  
Samples Submitted: December 19, 2011  
Laboratory Reference: 1112-137  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
MS/MSD QUALITY CONTROL**

Date Extracted: 12-22-11

Date Analyzed: 12-22-11

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 12-137-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	<b>228</b>	91	<b>227</b>	91	0	



Date of Report: December 29, 2011  
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Project: 0526-170-01

**% MOISTURE**

Date Analyzed: 12-22-11

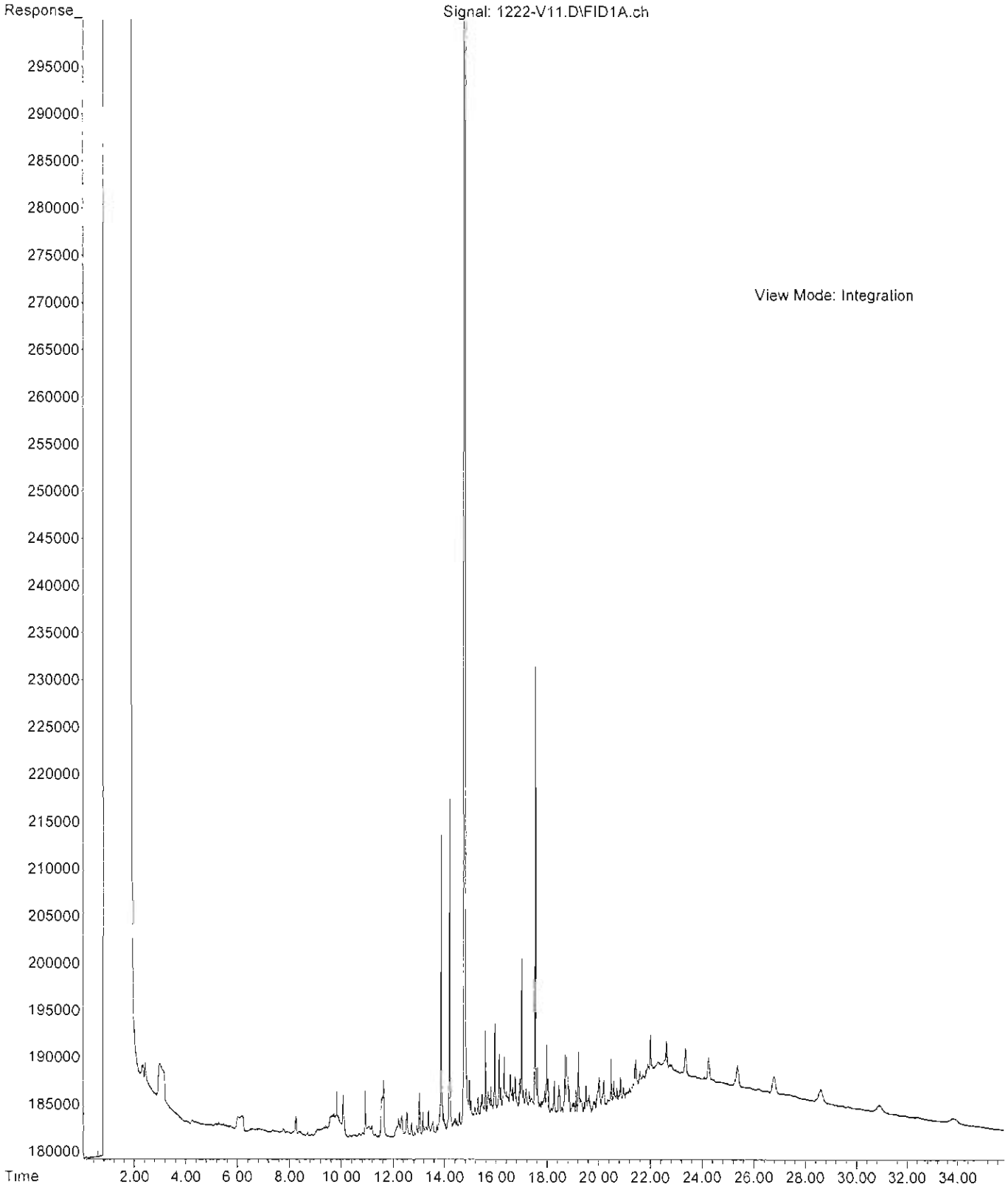
Client ID	Lab ID	% Moisture
B-104E-2.5-121911	12-137-01	3
B-111E-2.5-121911	12-137-02	17
B-111E-5.0-121911	12-137-03	18
B-112E-2.5-121911	12-137-04	11
B-112E-5.0-121911	12-137-05	14
B-113E-2.5-121911	12-137-06	11



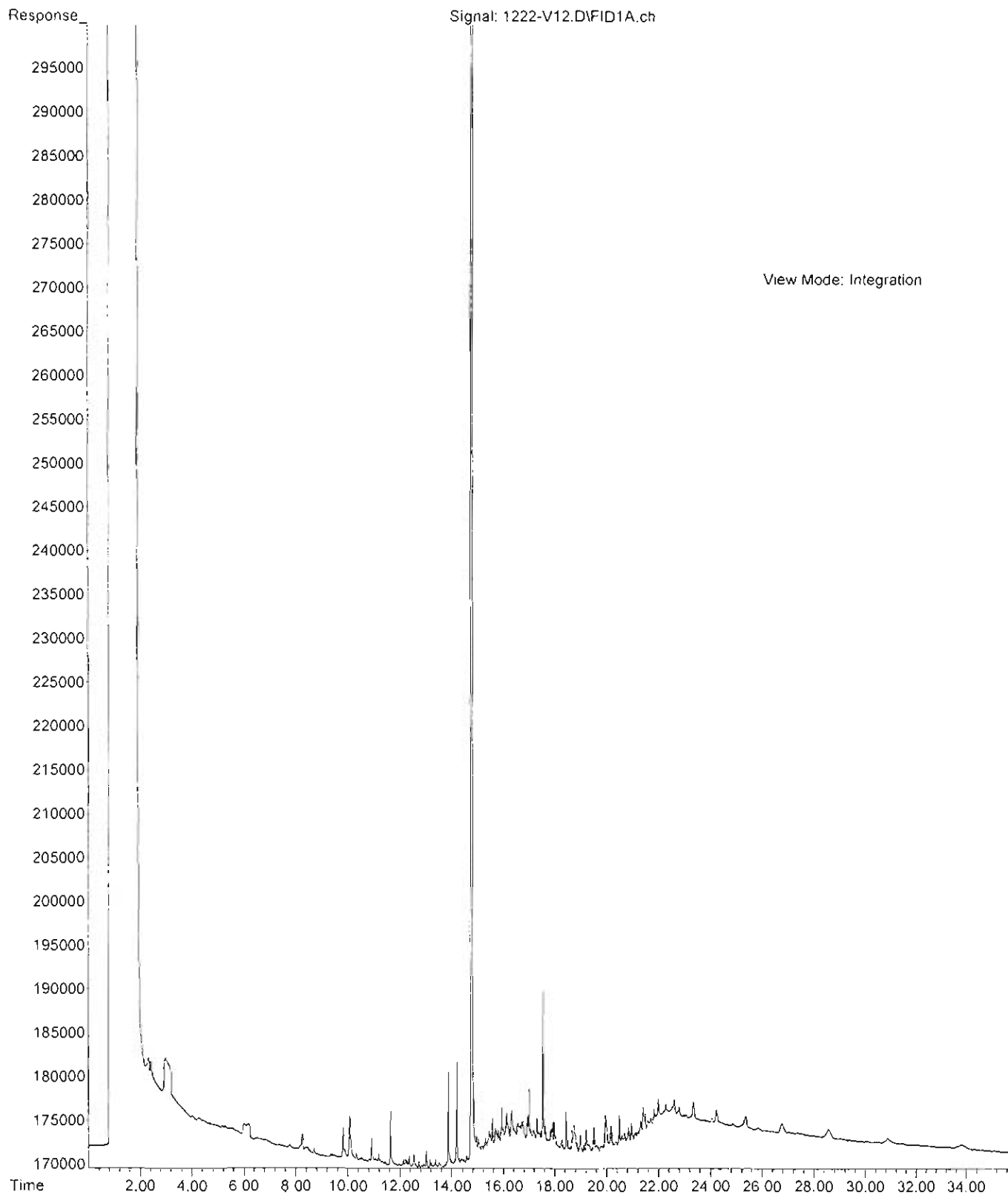
### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference

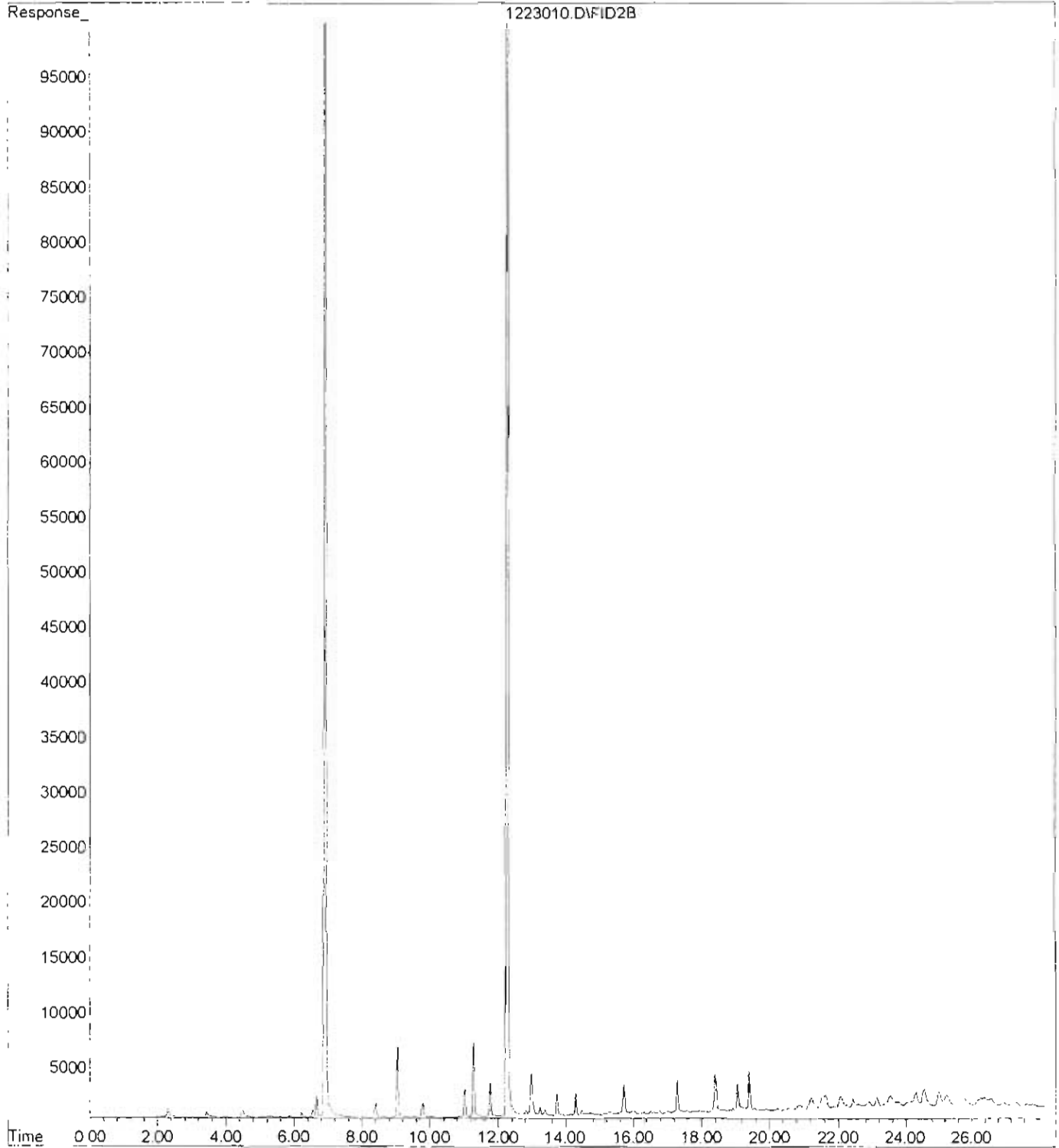
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Operator :  
Acquired : 22 Dec 2011 17:22 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-137-02 HC  
Misc Info :  
Vial Number: 11



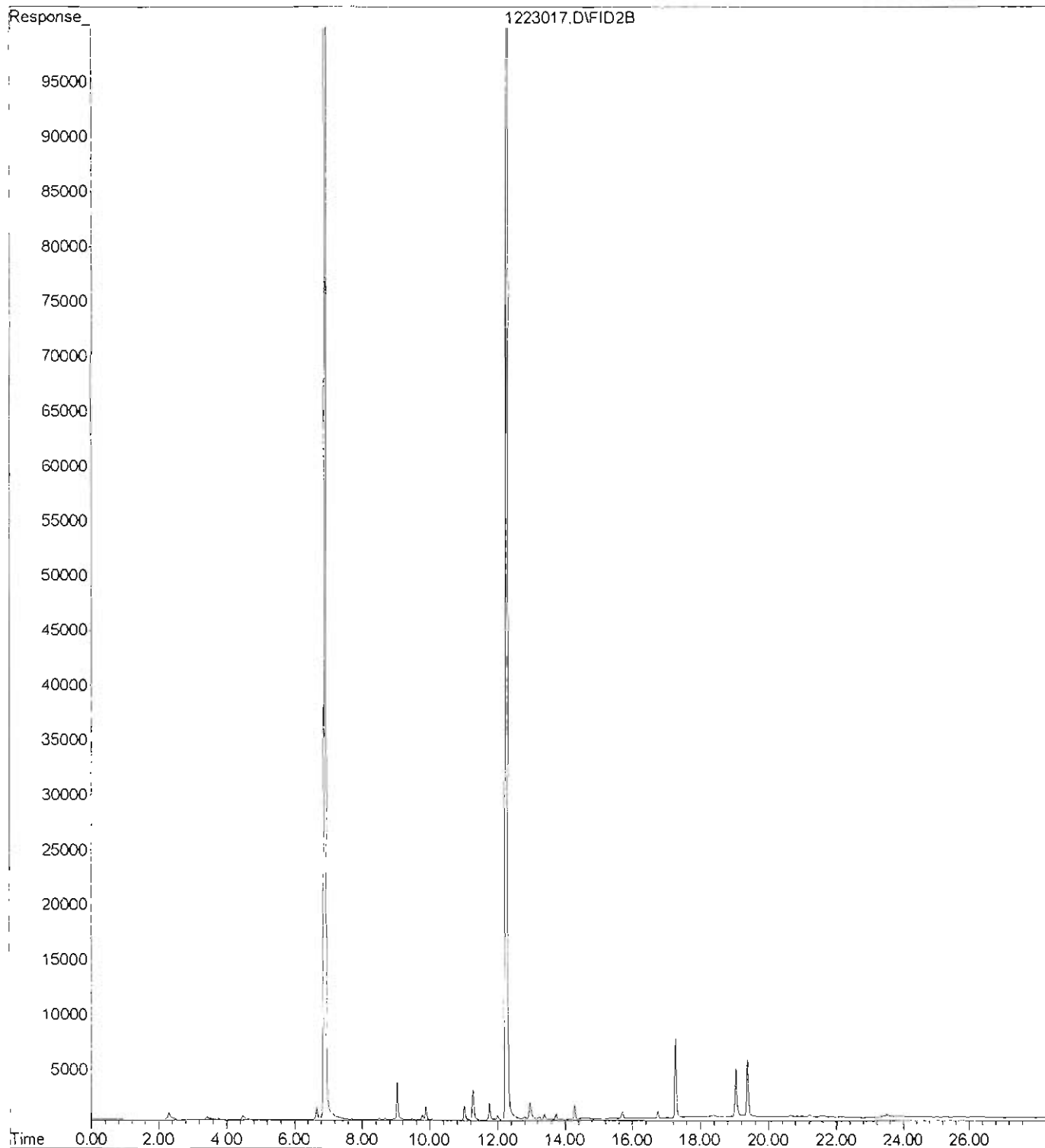
File : C:\msdchem\2\DATA\V111222\1222-V12.D  
Operator :  
Acquired : 22 Dec 2011 18:02 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-137-06 HC  
Misc Info :  
Vial Number: 12



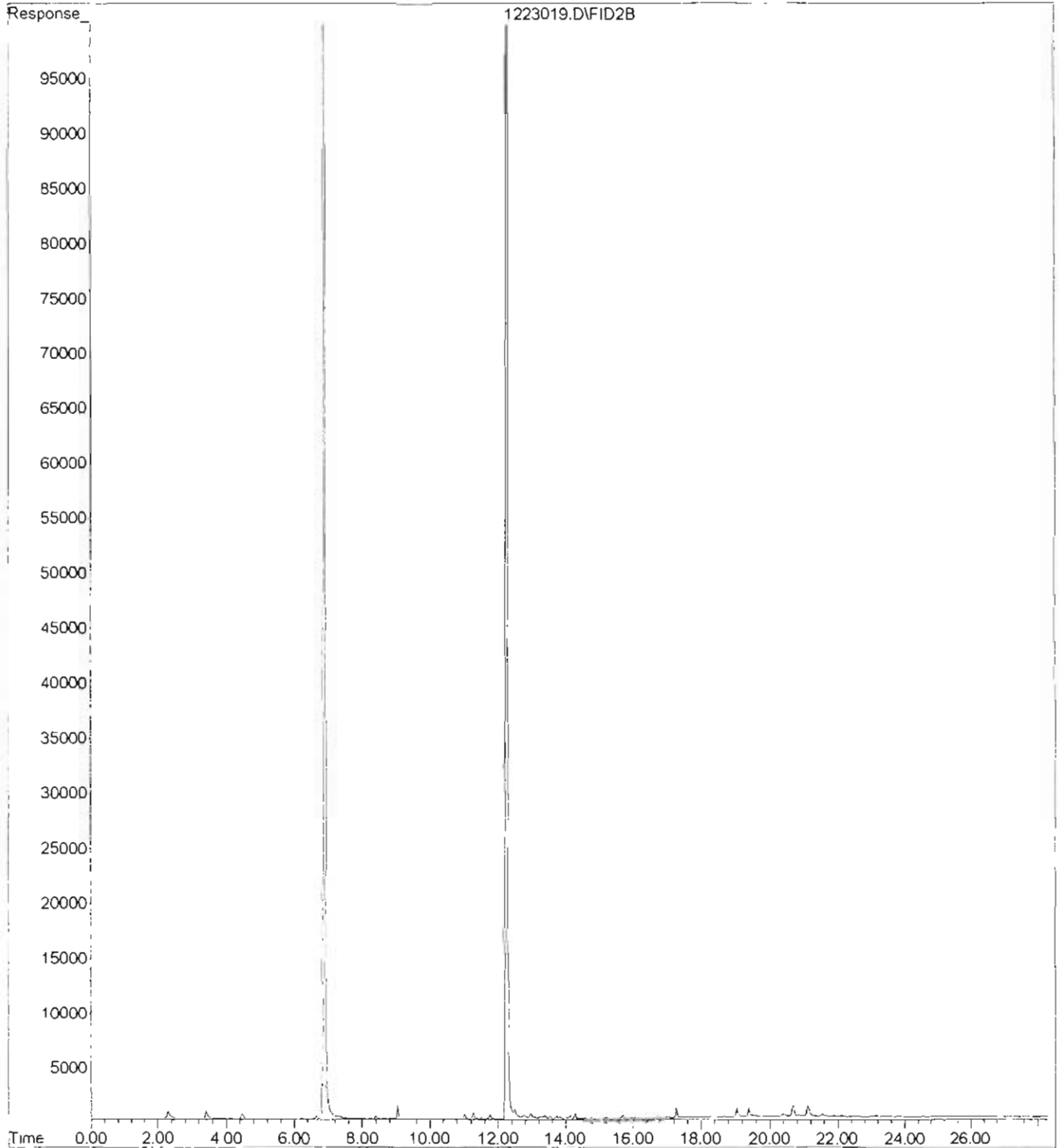
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Operator :  
Acquired : 23 Dec 2011 18:44 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-137-01s  
Misc Info : V2-26-24  
Vial Number: 10



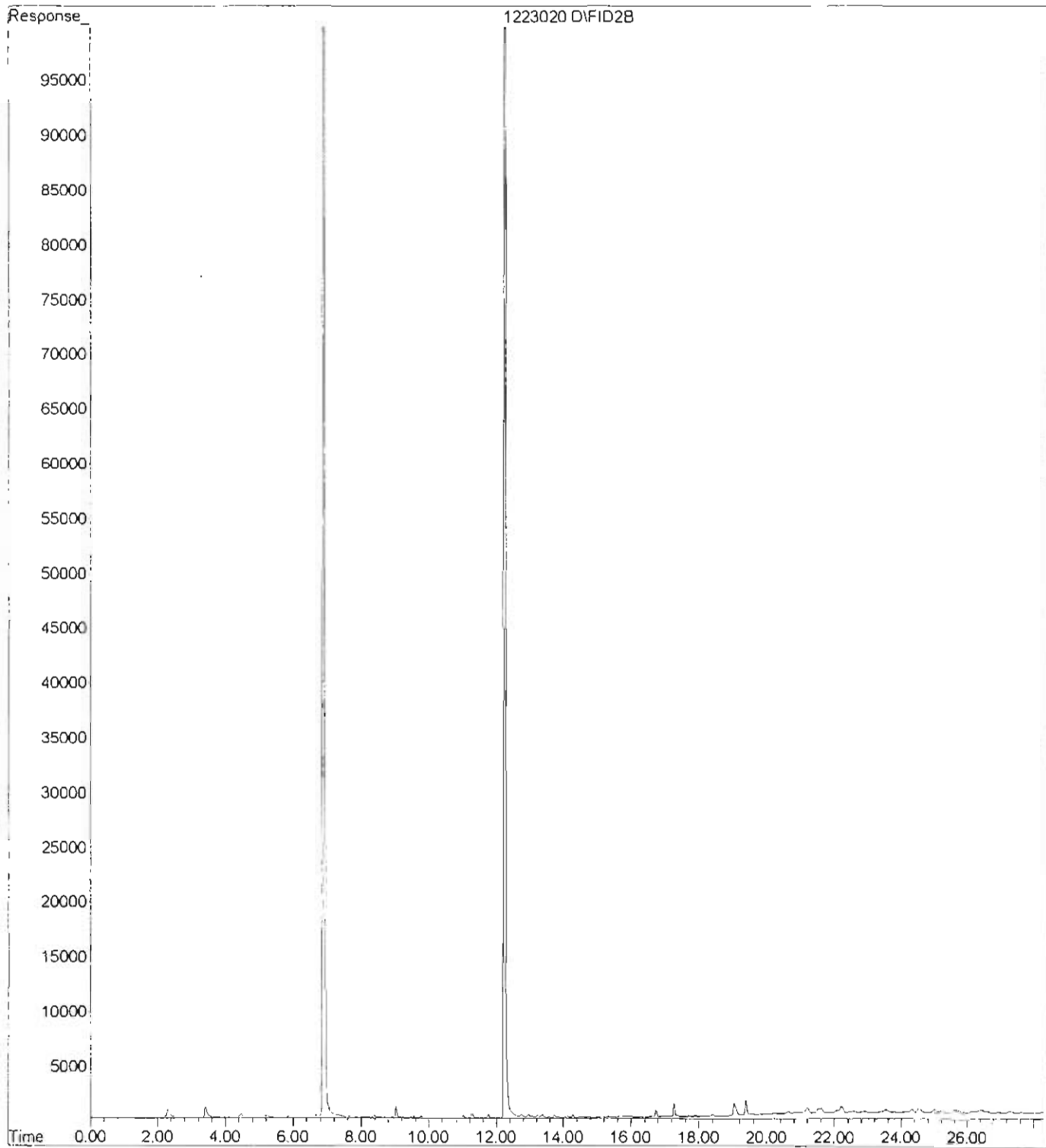
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Operator :  
Acquired : 23 Dec 2011 22:38 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-137-03s  
Misc Info : V2-26-24  
Vial Number: 17



File : X:\BTEX\DARYL\DATA\D111223\1223019.D  
Operator :  
Acquired : 23 Dec 2011 23:44 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-137-04s  
Misc Info : V2-26-24  
Vial Number: 19

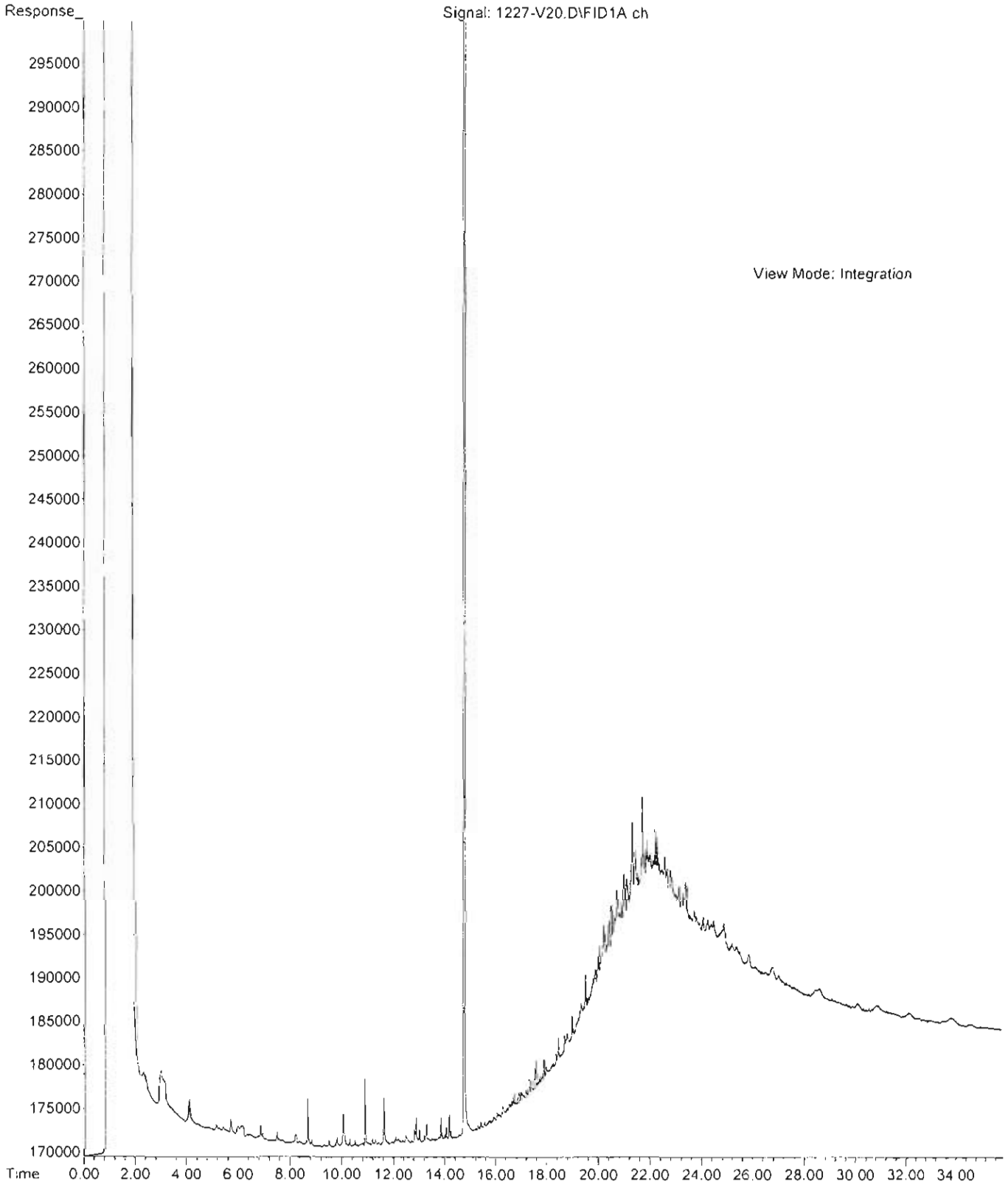


File : X:\BTEX\DARYL\DATA\D111223\1223020.D  
Operator :  
Acquired : 24 Dec 2011 00:17 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-137-05s  
Misc Info : V2-26-24  
Vial Number: 20

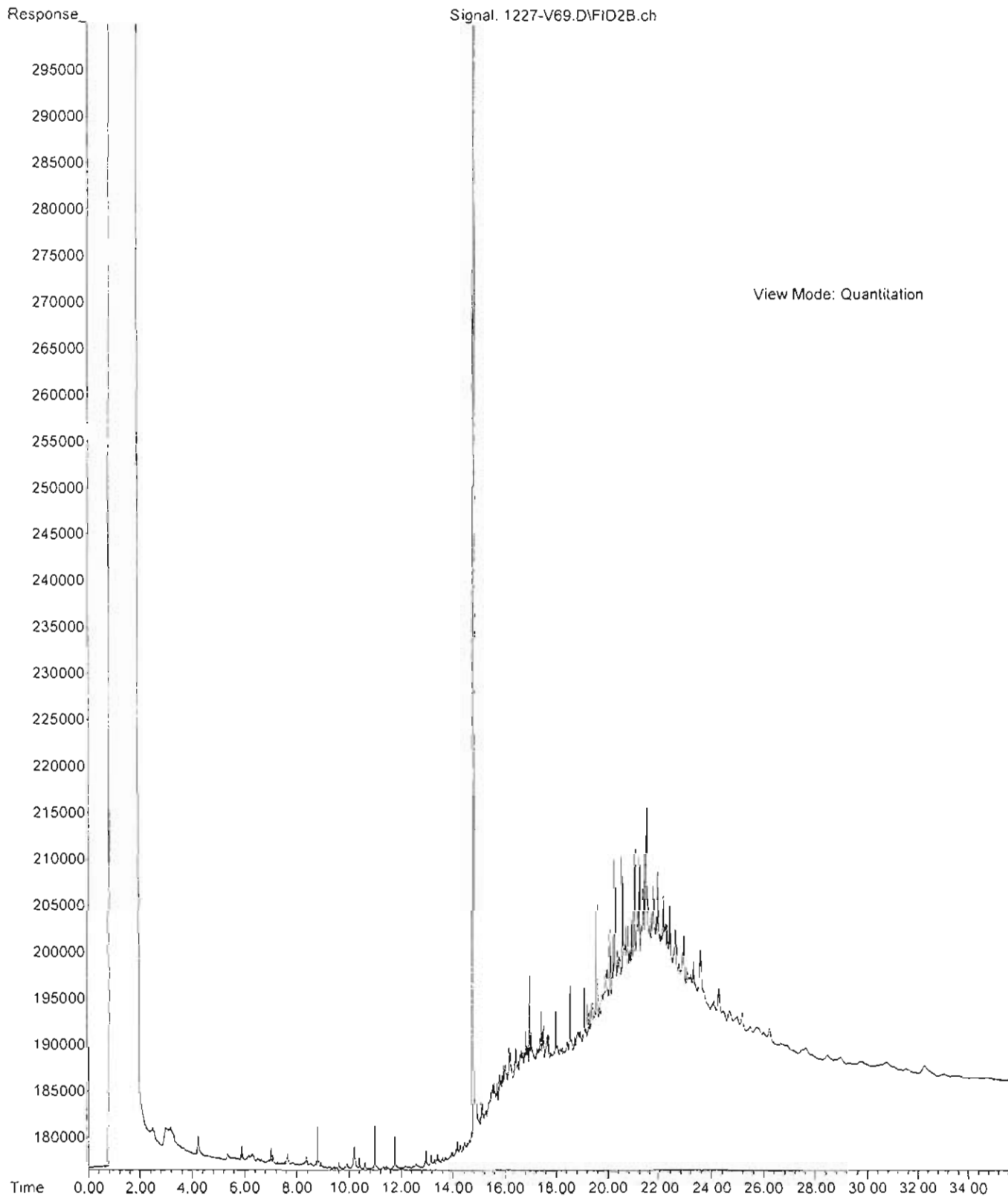




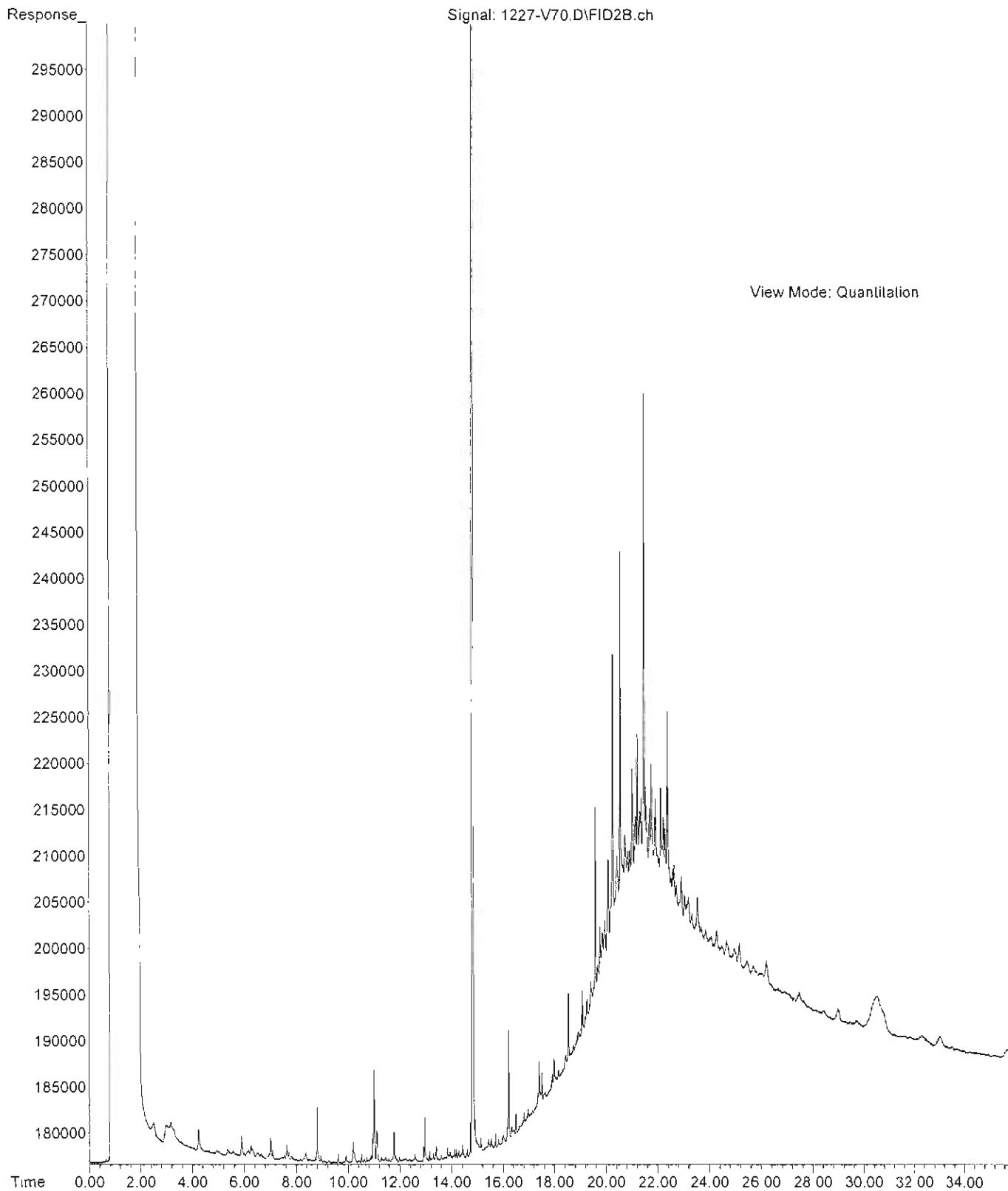
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Operator :  
Acquired : 27 Dec 2011 23:36 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-137-01  
Misc Info :  
Vial Number: 20



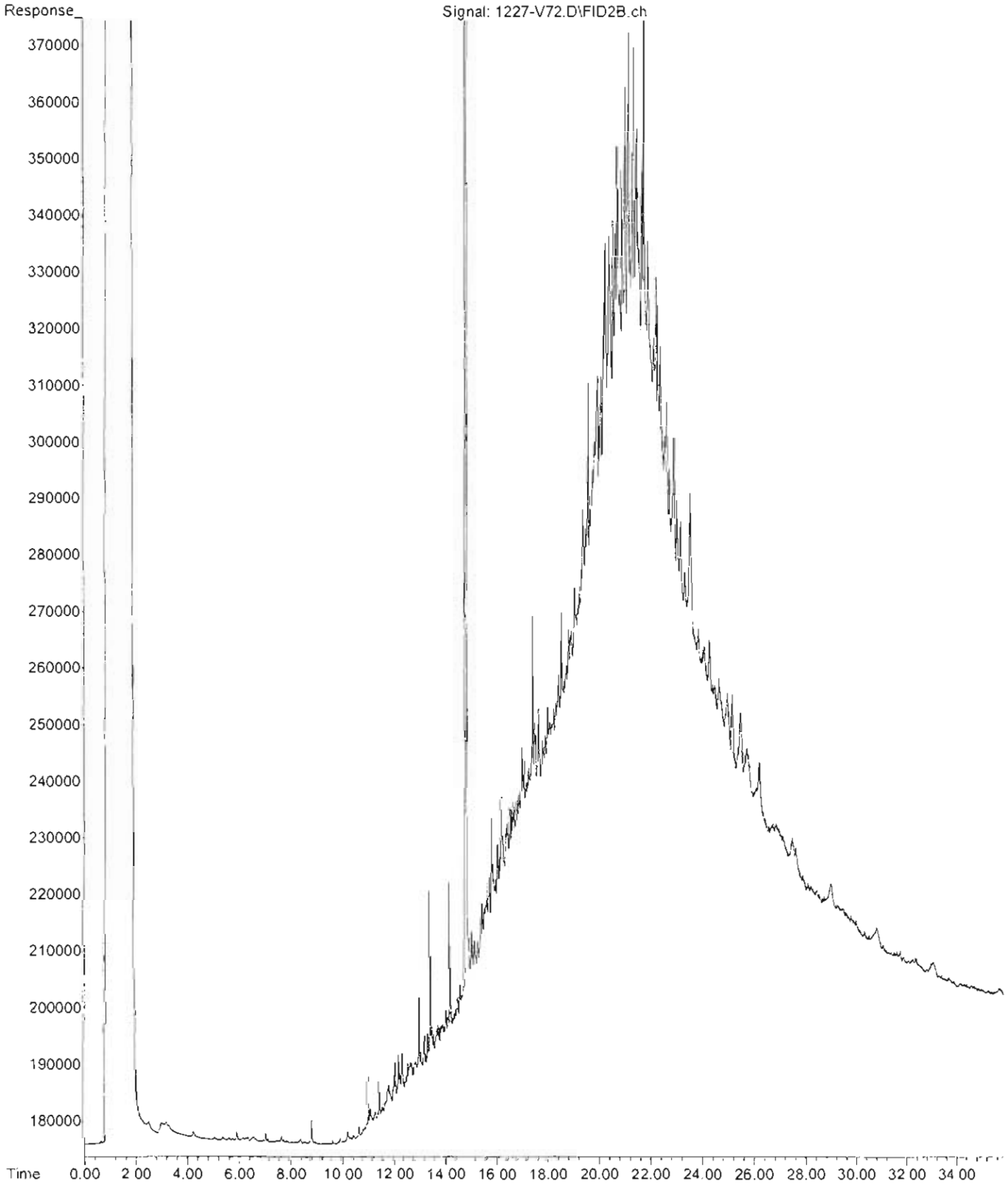
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Operator :  
Acquired : 27 Dec 2011 22:56 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-137-03  
Misc Info :  
Vial Number: 69



File : C:\msdchem\2\DATA\V111227.SEC\1227-V70.D  
Operator :  
Acquired : 27 Dec 2011 23:36 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-137-04  
Misc Info :  
Vial Number: 70



File : C:\msdchem\2\DATA\V111227.SEC\1227-V72.D  
Operator :  
Acquired : 28 Dec 2011 00:55 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-137-05  
Misc Info :  
Vial Number: 72





# Chain of Custody

Analytical Laboratory Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
 Phone: (425) 883-3881 • www.onsite-env.com

Company: **GED ENGINEERS**  
 Project Number: **0526-170-0**  
 Project Name: **120th AVE NE WIDENING - BELLEVUE**  
 Project Manager: **JACOB LETTS**  
 Sampled By: **FASIH KHAN**

Turnaround Request (in working days)		Laboratory Number: 12-137			
<input type="checkbox"/> Same Day <input type="checkbox"/> 2 Days <input checked="" type="checkbox"/> Standard (7 Days) (TPH analysis 5 Days) <input type="checkbox"/> (other)		Date Sampled	Time Sampled	Matrix	No. of Cont.
1	B-104E-2.5-121911	12/19/11	1445	S	2
2	B-111E-2.5-121911		1205		4
3	B-112E-5.0-121911		1245		4
4	B-118E-2.5-121911		0910		2
5	B-112E-5.0-121911		0930		2
6	B-113E-2.5-121911		1030		2
7	B-113E-5.0-121911		1055		2

Signature	Company	Date	Time	Comments/Special Instructions
	GET	12/19/11	1553	⊕ Added 12/21/11. P3 (STA)
	ODE	12/19/11	1553	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date				Chromatograms with final report [.]



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

January 4, 2012

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-01  
Laboratory Reference No. 1112-170

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on December 21, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right from the end of the signature.

David Baumeister  
Project Manager

Enclosures

Date of Report: January 4, 2012  
Samples Submitted: December 21, 2011  
Laboratory Reference: 1112-170  
Project: 0526-170-01

### Case Narrative

Samples were collected on December 21, 2011 and received by the laboratory on December 21, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

The sample chromatograms for B-106E-2.5-122111 and B-107E-2.5-122111 are similar to mineral spirits.

#### Volatiles EPA 8260B (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Internal Standard 1,4-Dichlorobenzene-d4 does not meet acceptance criteria for sample B-103E-5.0-122111. The sample was re-analyzed with similar results. All results, including Practical Quantitation Limits, from Bromobenzene onward should be considered estimates.

**Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.**

Date of Report: January 4, 2012  
Samples Submitted: December 21, 2011  
Laboratory Reference: 1112-170  
Project: 0526-170-01

### ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
B-102E-7.5-122111	12-170-10	Soil	12-21-11	12-21-11	
B-106E-2.5-122111	12-170-14	Soil	12-21-11	12-21-11	
B-106E-5.0-122111	12-170-15	Soil	12-21-11	12-21-11	
B-103E-5.0-122111	12-170-20	Soil	12-21-11	12-21-11	
B-103E-122111-GW	12-170-23	Water	12-21-11	12-21-11	
B-107E-2.5-122111	12-170-24	Soil	12-21-11	12-21-11	
B-107E-5.0-122111	12-170-25	Soil	12-21-11	12-21-11	



Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-HCID**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-102E-7.5-122111</b>					
Laboratory ID:	12-170-10					
Gasoline Range Organics	<b>ND</b>	24	NWTPH-HCID	12-22-11	12-23-11	
Diesel Range Organics	<b>ND</b>	59	NWTPH-HCID	12-22-11	12-23-11	
Lube Oil Range Organics	<b>ND</b>	120	NWTPH-HCID	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	131	50-150				

<b>Client ID:</b>	<b>B-106E-5.0-122111</b>					
Laboratory ID:	12-170-15					
Gasoline Range Organics	<b>ND</b>	26	NWTPH-HCID	12-22-11	12-23-11	
Diesel Range Organics	<b>ND</b>	65	NWTPH-HCID	12-22-11	12-23-11	
Lube Oil Range Organics	<b>ND</b>	130	NWTPH-HCID	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	105	50-150				

<b>Client ID:</b>	<b>B-107E-5.0-122111</b>					
Laboratory ID:	12-170-25					
Gasoline Range Organics	<b>ND</b>	25	NWTPH-HCID	12-22-11	12-23-11	
Diesel Range Organics	<b>ND</b>	63	NWTPH-HCID	12-22-11	12-23-11	
Lube Oil Range Organics	<b>ND</b>	130	NWTPH-HCID	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	104	50-150				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Gx**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-106E-2.5-122111</b>					
Laboratory ID:	12-170-14					
Gasoline	<b>540</b>	12	NWTPH-Gx	12-23-11	12-27-11	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	68-124				
<b>Client ID:</b>	<b>B-103E-5.0-122111</b>					
Laboratory ID:	12-170-20					
Gasoline	<b>ND</b>	5.2	NWTPH-Gx	12-23-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	68-124				
<b>Client ID:</b>	<b>B-107E-2.5-122111</b>					
Laboratory ID:	12-170-24					
Gasoline	<b>21</b>	6.0	NWTPH-Gx	12-23-11	12-27-11	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	68-124				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Gx**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-103E-122111-GW</b>					
Laboratory ID:	12-170-23					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	73-121				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-106E-2.5-122111</b>					
Laboratory ID:	12-170-14					
Diesel Range Organics	<b>73</b>	28	NWTPH-Dx	12-23-11	12-23-11	M
Lube Oil	<b>230</b>	57	NWTPH-Dx	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

<b>Client ID:</b>	<b>B-103E-5.0-122111</b>					
Laboratory ID:	12-170-20					
Diesel Range Organics	<b>ND</b>	26	NWTPH-Dx	12-23-11	12-23-11	
Lube Oil Range Organics	<b>ND</b>	51	NWTPH-Dx	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	102	50-150				

<b>Client ID:</b>	<b>B-107E-2.5-122111</b>					
Laboratory ID:	12-170-24					
Diesel Range Organics	<b>ND</b>	30	NWTPH-Dx	12-23-11	12-23-11	
Lube Oil Range Organics	<b>ND</b>	59	NWTPH-Dx	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	90	50-150				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-103E-122111-GW</b>					
Laboratory ID:	12-170-23					
Diesel Range Organics	<b>ND</b>	0.27	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil Range Organics	<b>ND</b>	0.44	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>100</i>	<i>50-150</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-106E-2.5-122111</b>					
<b>Laboratory ID:</b>	12-170-14					
Dichlorodifluoromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0060	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0060	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Acetone	0.056	0.0060	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0060	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0060	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0060	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Butanone	0.0092	0.0060	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Trichloroethene	0.0035	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0060	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0060	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0060	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-27-11	12-27-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-106E-2.5-122111</b>					
Laboratory ID:	12-170-14					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	0.084	0.0012	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0060	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0024	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	0.0069	0.0012	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	0.0040	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0060	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-103E-5.0-122111</b>					
<b>Laboratory ID:</b>	12-170-20					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Chloromethane	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Bromomethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Chloroethane	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Acetone	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Iodomethane	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Methylene Chloride	ND	0.0057	EPA 8260	12-23-11	12-23-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Vinyl Acetate	ND	0.0057	EPA 8260	12-23-11	12-23-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
2-Butanone	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Chloroform	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Benzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Trichloroethene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Dibromomethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
2-Chloroethyl Vinyl Ether	ND	0.0057	EPA 8260	12-23-11	12-23-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Methyl Isobutyl Ketone	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Toluene	ND	0.0057	EPA 8260	12-23-11	12-23-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-23-11	12-23-11	



Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-103E-5.0-122111</b>					
Laboratory ID:	12-170-20					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
2-Hexanone	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
m,p-Xylene	ND	0.0023	EPA 8260	12-23-11	12-23-11	
o-Xylene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Styrene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Bromoform	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Bromobenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-23-11	12-23-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260	12-23-11	12-23-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
Hexachlorobutadiene	ND	0.0057	EPA 8260	12-23-11	12-23-11	
Naphthalene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>95</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>77</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-107E-2.5-122111</b>					
<b>Laboratory ID:</b>	12-170-24					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chloromethane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromomethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chloroethane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Acetone	0.087	0.0050	EPA 8260	12-23-11	12-23-11	
Iodomethane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-23-11	12-23-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-23-11	12-23-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Butanone	0.018	0.0050	EPA 8260	12-23-11	12-23-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chloroform	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Benzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Trichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Dibromomethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-23-11	12-23-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Toluene	ND	0.0050	EPA 8260	12-23-11	12-23-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-23-11	12-23-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-107E-2.5-122111</b>					
Laboratory ID:	12-170-24					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Hexanone	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-23-11	12-23-11	
o-Xylene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Styrene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromoform	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Naphthalene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>86</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-103E-122111-GW</b>					
Laboratory ID:	12-170-23					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Acetone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Toluene	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-103E-122111-GW</b>					
Laboratory ID:	12-170-23					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	0.49	0.40	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	1.0	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>80</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>84</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>65-120</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 (with silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-103E-5.0-122111</b>					
Laboratory ID:	12-170-20					
Naphthalene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
2-Methylnaphthalene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
1-Methylnaphthalene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthylene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Fluorene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Phenanthrene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Anthracene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Fluoranthene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Pyrene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]anthracene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Chrysene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[b]fluoranthene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Benzo(j,k)fluoranthene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]pyrene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Indeno(1,2,3-c,d)pyrene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Dibenz[a,h]anthracene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[g,h,i]perylene	ND	0.0069	EPA 8270/SIM	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>73</i>	<i>43 - 109</i>				
<i>Pyrene-d10</i>	<i>80</i>	<i>38 - 128</i>				
<i>Terphenyl-d14</i>	<i>79</i>	<i>33 - 119</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 (with silica gel clean-up)**

Matrix: Water

Units: ug/L

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-103E-122111-GW</b>					
Laboratory ID:	12-170-23					
Naphthalene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
2-Methylnaphthalene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
1-Methylnaphthalene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Acenaphthylene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Acenaphthene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Fluorene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Phenanthrene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Anthracene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Fluoranthene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Pyrene	ND	0.095	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[a]anthracene	<b>0.010</b>	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
Chrysene	ND	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[b]fluoranthene	ND	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
Benzo(j,k)fluoranthene	ND	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[a]pyrene	ND	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
Indeno(1,2,3-c,d)pyrene	ND	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
Dibenz[a,h]anthracene	ND	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[g,h,i]perylene	ND	0.0095	EPA 8270/SIM	11-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>49</i>	<i>38 - 105</i>				
<i>Pyrene-d10</i>	<i>55</i>	<i>37 - 121</i>				
<i>Terphenyl-d14</i>	<i>59</i>	<i>32 - 112</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

### PCBs by EPA 8082

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-103E-5.0-122111</b>					
Laboratory ID:	12-170-20					
Aroclor 1016	<b>ND</b>	0.051	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	<b>ND</b>	0.051	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	<b>ND</b>	0.051	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	<b>ND</b>	0.051	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	<b>ND</b>	0.051	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	<b>ND</b>	0.051	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	<b>ND</b>	0.051	EPA 8082	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	78	42-123				



Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PCBs by EPA 8082**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-103E-122111-GW</b>					
Laboratory ID:	12-170-23					
Aroclor 1016	<b>ND</b>	0.052	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	<b>ND</b>	0.052	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	<b>ND</b>	0.052	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	<b>ND</b>	0.052	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	<b>ND</b>	0.052	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	<b>ND</b>	0.052	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	<b>ND</b>	0.052	EPA 8082	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	<i>68</i>	<i>36-127</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**TOTAL METALS  
 EPA 6010B/7471A**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-170-14					
<b>Client ID:</b>	<b>B-106E-2.5-122111</b>					
Lead	<b>27</b>	5.7	6010B	12-27-11	12-27-11	
Lab ID:	12-170-20					
<b>Client ID:</b>	<b>B-103E-5.0-122111</b>					
Arsenic	<b>ND</b>	10	6010B	12-27-11	12-27-11	
Barium	<b>39</b>	2.6	6010B	12-27-11	12-28-11	
Cadmium	<b>ND</b>	0.51	6010B	12-27-11	12-27-11	
Chromium	<b>33</b>	0.51	6010B	12-27-11	12-27-11	
Lead	<b>ND</b>	5.1	6010B	12-27-11	12-27-11	
Mercury	<b>ND</b>	0.26	7471A	12-27-11	12-27-11	
Selenium	<b>ND</b>	10	6010B	12-27-11	12-27-11	
Silver	<b>ND</b>	0.51	6010B	12-27-11	12-27-11	
Lab ID:	12-170-24					
<b>Client ID:</b>	<b>B-107E-2.5-122111</b>					
Lead	<b>11</b>	5.9	6010B	12-27-11	12-27-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**TOTAL METALS  
 EPA 200.8/7470A**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-170-23					
<b>Client ID:</b>	<b>B-103E-122111-GW</b>					
Arsenic	<b>ND</b>	3.0	200.8	12-29-11	12-29-11	
Barium	<b>73</b>	25	200.8	12-29-11	12-29-11	
Cadmium	<b>ND</b>	4.0	200.8	12-29-11	12-29-11	
Chromium	<b>17</b>	10	200.8	12-29-11	12-29-11	
Lead	<b>11</b>	1.0	200.8	12-29-11	12-29-11	
Mercury	<b>ND</b>	0.50	7470A	1-3-12	1-3-12	
Selenium	<b>ND</b>	5.0	200.8	12-29-11	12-29-11	
Silver	<b>ND</b>	10	200.8	12-29-11	12-29-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-HCID  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>METHOD BLANK</b>						
Laboratory ID:	MB1222S1					
Gasoline Range Organics	<b>ND</b>	20	NWTPH-HCID	12-22-11	12-22-11	
Diesel Range Organics	<b>ND</b>	50	NWTPH-HCID	12-22-11	12-22-11	
Lube Oil Range Organics	<b>ND</b>	100	NWTPH-HCID	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	127	50-150				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1223S1					
Gasoline	<b>ND</b>	5.0	NWTPH-Gx	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	68-124				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-182-02							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				98	96	68-124		

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1227W1					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-170-23							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				88	89	73-121		

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1223S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	12-23-11	12-23-11	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>94</i>	<i>50-150</i>				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>							
Laboratory ID:	12-170-14						
	ORIG	DUP					
Diesel Range Organics	<b>64.3</b>	<b>38.7</b>			50	NA	M
Lube Oil	<b>198</b>	<b>98.0</b>			68	NA	
<i>Surrogate:</i>							
<i>o-Terphenyl</i>			93	89	50-150		

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1227W1					
Diesel Range Organics	<b>ND</b>	0.25	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil Range Organics	<b>ND</b>	0.40	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	94	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-166-02					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	U1
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			95 80	50-150		



Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
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 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1223S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chloromethane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromomethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chloroethane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Acetone	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Iodomethane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-23-11	12-23-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-23-11	12-23-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Butanone	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chloroform	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Benzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Trichloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Dibromomethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-23-11	12-23-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Toluene	ND	0.0050	EPA 8260	12-23-11	12-23-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-23-11	12-23-11	

Date of Report: January 4, 2012  
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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1223S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Hexanone	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-23-11	12-23-11	
o-Xylene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Styrene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromoform	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Bromobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-23-11	12-23-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-23-11	12-23-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-23-11	12-23-11	
Naphthalene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>86</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1227S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Acetone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Butanone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Trichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0050	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-27-11	12-27-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1227S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>110</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1223S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0540</b>	<b>0.0548</b>	0.0500	0.0500	108	110	70-130	1	19	
Benzene	<b>0.0506</b>	<b>0.0522</b>	0.0500	0.0500	101	104	70-125	3	15	
Trichloroethene	<b>0.0471</b>	<b>0.0469</b>	0.0500	0.0500	94	94	70-122	0	14	
Toluene	<b>0.0472</b>	<b>0.0489</b>	0.0500	0.0500	94	98	73-120	4	16	
Chlorobenzene	<b>0.0424</b>	<b>0.0424</b>	0.0500	0.0500	85	85	74-109	0	12	
<i>Surrogate:</i>										
Dibromofluoromethane					92	94	63-127			
Toluene-d8					94	100	65-129			
4-Bromofluorobenzene					78	81	55-121			

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1227S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0564</b>	<b>0.0597</b>	0.0500	0.0500	113	119	70-130	6	19	
Benzene	<b>0.0533</b>	<b>0.0548</b>	0.0500	0.0500	107	110	70-125	3	15	
Trichloroethene	<b>0.0479</b>	<b>0.0484</b>	0.0500	0.0500	96	97	70-122	1	14	
Toluene	<b>0.0500</b>	<b>0.0509</b>	0.0500	0.0500	100	102	73-120	2	16	
Chlorobenzene	<b>0.0419</b>	<b>0.0426</b>	0.0500	0.0500	84	85	74-109	2	12	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					97	100	63-127			
<i>Toluene-d8</i>					99	102	65-129			
<i>4-Bromofluorobenzene</i>					79	83	55-121			

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1222W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Acetone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Toluene	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1222W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.40	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	1.0	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>80</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>84</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>65-120</i>				



Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 MS/MSD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent	Recovery	RPD		Flags
					Result	Recovery	Limits	RPD	Limit	
<b>MATRIX SPIKES</b>										
Laboratory ID:	12-150-02									
	MS	MSD	MS	MSD		MS	MSD			
1,1-Dichloroethene	<b>11.2</b>	<b>11.2</b>	10.0	10.0	ND	112	112	70-130	0	12
Benzene	<b>10.1</b>	<b>10.4</b>	10.0	10.0	ND	101	104	75-123	3	11
Trichloroethene	<b>9.58</b>	<b>9.45</b>	10.0	10.0	ND	96	95	80-117	1	14
Toluene	<b>9.90</b>	<b>9.64</b>	10.0	10.0	ND	99	96	80-115	3	12
Chlorobenzene	<b>10.1</b>	<b>10.2</b>	10.0	10.0	ND	101	102	80-117	1	13
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>						<i>80</i>	<i>82</i>	<i>68-120</i>		
<i>Toluene-d8</i>						<i>82</i>	<i>82</i>	<i>73-120</i>		
<i>4-Bromofluorobenzene</i>						<i>82</i>	<i>84</i>	<i>65-120</i>		

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 METHOD BLANK QUALITY CONTROL  
 (with silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1228S1					
Naphthalene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Acenaphthene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Fluorene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Phenanthrene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Anthracene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Fluoranthene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Pyrene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Chrysene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo(j,k)fluoranthene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>83</i>	<i>43 - 109</i>				
<i>Pyrene-d10</i>	<i>81</i>	<i>38 - 128</i>				
<i>Terphenyl-d14</i>	<i>79</i>	<i>33 - 119</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 MS/MSD QUALITY CONTROL  
 (with silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg

Analyte	Result		Spike Level		Source	Percent	Recovery	RPD		Flags
					Result	Recovery	Limits	RPD	Limit	
<b>MATRIX SPIKES</b>										
Laboratory ID:	12-170-20									
	MS	MSD	MS	MSD		MS	MSD			
Naphthalene	<b>0.0522</b>	<b>0.0601</b>	0.0833	0.0833	ND	63	72	39 - 110	14	21
Acenaphthylene	<b>0.0562</b>	<b>0.0637</b>	0.0833	0.0833	ND	67	76	47 - 124	13	21
Acenaphthene	<b>0.0572</b>	<b>0.0640</b>	0.0833	0.0833	ND	69	77	50 - 120	11	20
Fluorene	<b>0.0565</b>	<b>0.0644</b>	0.0833	0.0833	ND	68	77	52 - 126	13	21
Phenanthrene	<b>0.0547</b>	<b>0.0628</b>	0.0833	0.0833	ND	66	75	41 - 130	14	22
Anthracene	<b>0.0534</b>	<b>0.0613</b>	0.0833	0.0833	ND	64	74	48 - 124	14	23
Fluoranthene	<b>0.0567</b>	<b>0.0651</b>	0.0833	0.0833	ND	68	78	40 - 137	14	23
Pyrene	<b>0.0572</b>	<b>0.0651</b>	0.0833	0.0833	ND	69	78	36 - 139	13	23
Benzo[a]anthracene	<b>0.0654</b>	<b>0.0754</b>	0.0833	0.0833	ND	79	91	43 - 127	14	21
Chrysene	<b>0.0564</b>	<b>0.0628</b>	0.0833	0.0833	ND	68	75	41 - 133	11	19
Benzo[b]fluoranthene	<b>0.0551</b>	<b>0.0630</b>	0.0833	0.0833	ND	66	76	40 - 132	13	25
Benzo(j,k)fluoranthene	<b>0.0546</b>	<b>0.0606</b>	0.0833	0.0833	ND	66	73	35 - 132	10	25
Benzo[a]pyrene	<b>0.0559</b>	<b>0.0632</b>	0.0833	0.0833	ND	67	76	37 - 131	12	26
Indeno(1,2,3-c,d)pyrene	<b>0.0578</b>	<b>0.0638</b>	0.0833	0.0833	ND	69	77	39 - 134	10	23
Dibenz[a,h]anthracene	<b>0.0590</b>	<b>0.0666</b>	0.0833	0.0833	ND	71	80	40 - 137	12	21
Benzo[g,h,i]perylene	<b>0.0588</b>	<b>0.0667</b>	0.0833	0.0833	ND	71	80	35 - 135	13	22
<i>Surrogate:</i>										
<i>2-Fluorobiphenyl</i>						<i>64</i>	<i>71</i>	<i>43 - 109</i>		
<i>Pyrene-d10</i>						<i>70</i>	<i>79</i>	<i>38 - 128</i>		
<i>Terphenyl-d14</i>						<i>68</i>	<i>78</i>	<i>33 - 119</i>		

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 METHOD BLANK QUALITY CONTROL  
 (with silica gel clean-up)**

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1223W1					
Naphthalene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Acenaphthylene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Acenaphthene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Fluorene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Phenanthrene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Anthracene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Fluoranthene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Pyrene	ND	0.10	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
Chrysene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
Benzo(j,k)fluoranthene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
Indeno(1,2,3-c,d)pyrene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	11-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>52</i>	<i>38 - 105</i>				
<i>Pyrene-d10</i>	<i>59</i>	<i>37 - 121</i>				
<i>Terphenyl-d14</i>	<i>76</i>	<i>32 - 112</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 SB/SBD QUALITY CONTROL  
 (with silica gel clean-up)**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1223W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	0.305	0.353	0.500	0.500	61	71	38 - 110	15	35	
Acenaphthylene	0.300	0.338	0.500	0.500	60	68	47 - 120	12	30	
Acenaphthene	0.303	0.357	0.500	0.500	61	71	46 - 113	16	26	
Fluorene	0.288	0.321	0.500	0.500	58	64	58 - 104	11	25	
Phenanthrene	0.304	0.333	0.500	0.500	61	67	61 - 99	9	19	
Anthracene	0.296	0.322	0.500	0.500	59	64	55 - 122	8	19	
Fluoranthene	0.316	0.343	0.500	0.500	63	69	58 - 129	8	18	
Pyrene	0.351	0.388	0.500	0.500	70	78	57 - 126	10	22	
Benzo[a]anthracene	0.329	0.358	0.500	0.500	66	72	51 - 124	8	18	
Chrysene	0.303	0.331	0.500	0.500	61	66	53 - 123	9	20	
Benzo[b]fluoranthene	0.305	0.337	0.500	0.500	61	67	53 - 126	10	18	
Benzo(j,k)fluoranthene	0.295	0.322	0.500	0.500	59	64	51 - 126	9	23	
Benzo[a]pyrene	0.298	0.323	0.500	0.500	60	65	52 - 127	8	21	
Indeno(1,2,3-c,d)pyrene	0.336	0.380	0.500	0.500	67	76	49 - 123	12	26	
Dibenz[a,h]anthracene	0.273	0.308	0.500	0.500	55	62	39 - 125	12	31	
Benzo[g,h,i]perylene	0.268	0.301	0.500	0.500	54	60	40 - 125	12	30	
<i>Surrogate:</i>										
2-Fluorobiphenyl					58	68	38 - 105			
Pyrene-d10					59	64	37 - 121			
Terphenyl-d14					69	80	32 - 112			

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PCBs by EPA 8082  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1228S1					
Aroclor 1016	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	ND	0.050	EPA 8082	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
DCB	78		42-123			

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
<b>MATRIX SPIKES</b>											
Laboratory ID:	12-170-20										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	0.403	0.356	0.500	0.500	ND	81	71	44-125	12	15	
<i>Surrogate:</i>											
DCB						85	78	42-123			

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**PCBs by EPA 8082  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1228W1					
Aroclor 1016	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1221	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1232	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1242	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1248	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1254	ND	0.050	EPA 8082	12-28-11	12-28-11	
Aroclor 1260	ND	0.050	EPA 8082	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
DCB	76		36-127			

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
<b>SPIKE BLANKS</b>											
Laboratory ID:	SB1228W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	0.503	0.483	0.500	0.500	N/A	101	97	57-122	4	11	
<i>Surrogate:</i>											
DCB						80	79	36-127			

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**TOTAL METALS  
 EPA 6010B/7471A  
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-27-11  
 Date Analyzed: 12-27&28-11

Matrix: Soil  
 Units: mg/kg (ppm)

Lab ID: MB1227S1,MB1227SM1&MB1227SM2

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Barium	6010B	ND	2.5
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Lead	6010B	ND	5.0
Mercury	7471A	ND	0.25
Selenium	6010B	ND	10
Silver	6010B	ND	0.50



Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**TOTAL METALS  
 EPA 6010B/7471A  
 DUPLICATE QUALITY CONTROL**

Date Extracted: 12-27-11  
 Date Analyzed: 12-27&28-11

Matrix: Soil  
 Units: mg/kg (ppm)

Lab ID: 12-175-06

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Barium	23.7	21.2	11	2.5	
Cadmium	ND	ND	NA	0.50	
Chromium	7.52	7.30	3	0.50	
Lead	ND	ND	NA	5.0	
Mercury	ND	ND	NA	0.25	
Selenium	ND	ND	NA	10	
Silver	ND	ND	NA	0.50	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**TOTAL METALS  
 EPA 6010B/7471A  
 MS/MSD QUALITY CONTROL**

Date Extracted: 12-27-11  
 Date Analyzed: 12-27&28-11

Matrix: Soil  
 Units: mg/kg (ppm)

Lab ID: 12-175-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	<b>94.1</b>	94	<b>96.5</b>	96	3	
Barium	100	<b>113</b>	89	<b>114</b>	90	1	
Cadmium	50.0	<b>47.3</b>	95	<b>48.2</b>	96	2	
Chromium	100	<b>101</b>	93	<b>102</b>	94	1	
Lead	250	<b>223</b>	89	<b>226</b>	91	2	
Mercury	0.500	<b>0.562</b>	112	<b>0.539</b>	108	4	
Selenium	100	<b>91.7</b>	92	<b>93.7</b>	94	2	
Silver	25.0	<b>20.7</b>	83	<b>21.0</b>	84	1	

Date of Report: January 4, 2012  
Samples Submitted: December 21, 2011  
Laboratory Reference: 1112-170  
Project: 0526-170-01

**TOTAL METALS  
EPA 200.8/7470A  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-29-11&1-3-12

Date Analyzed: 12-29-11&1-3-12

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB1229WH1&MB0103W1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Barium	200.8	ND	25
Cadmium	200.8	ND	4.0
Chromium	200.8	ND	10
Lead	200.8	ND	1.0
Mercury	7470A	ND	0.50
Selenium	200.8	ND	5.0
Silver	200.8	ND	10

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**TOTAL METALS  
 EPA 200.8/7470A  
 DUPLICATE QUALITY CONTROL**

Date Extracted: 12-29-11&1-3-12  
 Date Analyzed: 12-29-11&1-3-12

Matrix: Water  
 Units: ug/L (ppb)

Lab ID: 12-197-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	3.14	3.26	4	3.0	
Barium	26.7	26.5	1	25	
Cadmium	ND	ND	NA	4.0	
Chromium	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Mercury	ND	ND	NA	0.50	
Selenium	ND	ND	NA	5.0	
Silver	ND	ND	NA	10	

Date of Report: January 4, 2012  
 Samples Submitted: December 21, 2011  
 Laboratory Reference: 1112-170  
 Project: 0526-170-01

**TOTAL METALS  
 EPA 200.8/7470A  
 MS/MSD QUALITY CONTROL**

Date Extracted: 12-29-11&1-3-12  
 Date Analyzed: 12-29-11&1-3-12

Matrix: Water  
 Units: ug/L (ppb)

Lab ID: 12-197-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	400	<b>411</b>	102	<b>412</b>	102	0	
Barium	400	<b>433</b>	102	<b>442</b>	104	2	
Cadmium	400	<b>411</b>	103	<b>417</b>	104	1	
Chromium	400	<b>408</b>	102	<b>416</b>	104	2	
Lead	400	<b>413</b>	103	<b>413</b>	103	0	
Mercury	12.5	<b>12.1</b>	97	<b>11.6</b>	93	4	
Selenium	400	<b>398</b>	100	<b>398</b>	100	0	
Silver	400	<b>407</b>	102	<b>405</b>	101	0	

Date of Report: January 4, 2012  
Samples Submitted: December 21, 2011  
Laboratory Reference: 1112-170  
Project: 0526-170-01

**% MOISTURE**

Date Analyzed: 12-22&23-11

Client ID	Lab ID	% Moisture
B-102E-7.5-122111	12-170-10	15
B-106E-2.5-122111	12-170-14	12
B-106E-5.0-122111	12-170-15	23
B-103E-5.0-122111	12-170-20	3
B-107E-2.5-122111	12-170-24	15
B-107E-5.0-122111	12-170-25	20



#### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - Y - Sample extract treated with an acid/silica gel cleanup procedure.
  - Z - The sample chromatogram is similar to mineral spirits.
- ND - Not Detected at PQL  
PQL - Practical Quantitation Limit  
RPD - Relative Percent Difference







OnSite Environmental Inc.  
 Analytical Laboratory & Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
 Phone (425) 883-3881 • www.onsite-env.com

# Chain of Custody

Laboratory Number: 12-170

Turnaround Request (for working days)  
 Same Day  1 Day  
 2 Days  3 Days  
 Standard (3 Days) (PM analysis 3 Days)  
 (Check One)  
 (other)

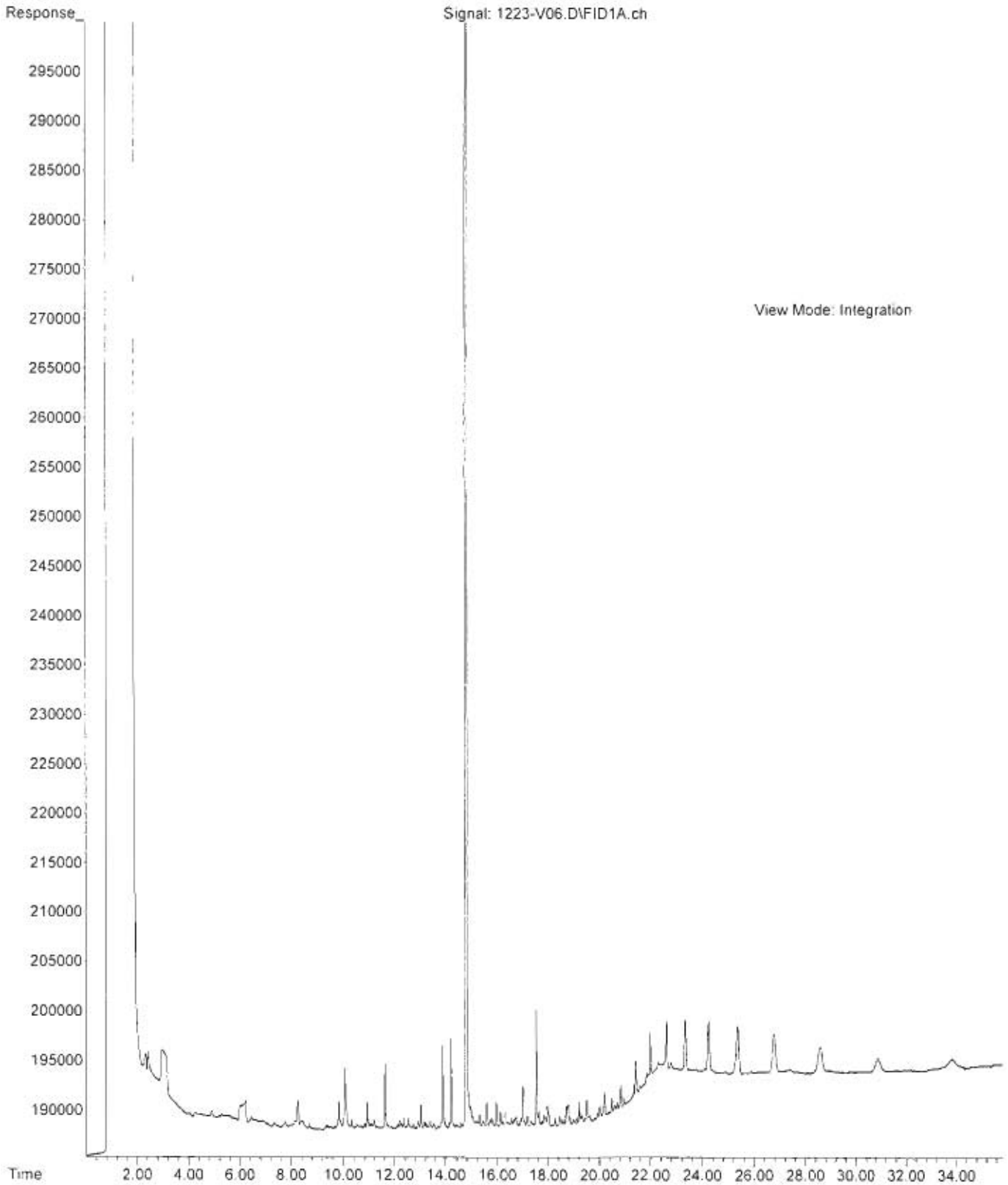
Company: GEDENGINTEERS  
 Project Number: 0526-170-01  
 Project Name: 120th AVENUE WIDENING - BELLEVUE  
 Project Manager: JACOB LETTS  
 Sampled by: FASIH KHAN

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	Method	Result	Remarks
11	B-102E-10.0-122111	12/21/11	1110	S	2	NWTRH-GW		
12	B-102E-12.5-122111		1115	S	1	NWTRH-DX		
13	B-102E-122111-GW		1120	GW	7	NWTRH-GX		
14	B-106E-2.5-122111		1215	S	5	NWTRH-DX	(X)(X)	
15	B-106E-5.0-122111		1225	S	5	NWTRH-DX	(X)(X)	
16	B-106E-7.5-122111		1235	S	1	NWTRH-DX		
17	B-106E-10.0-122111		1240	S	5	NWTRH-DX		
18	B-106E-15.0-122111		1250	S	1	NWTRH-DX		
19	B-106E-17.0-122111		1256	S	1	NWTRH-DX		
20	B-103E-5.0-122111		1315	S	6	NWTRH-DX	(X)(X)	

Signature	Company	Date	Time	Comments/Special Instructions
<i>[Signature]</i>	GET	12/21/11	1650	
<i>[Signature]</i>	GET	12/21/11	1650	Added 12/22/11 DB (STAD)
Received				
Relinquished				
Received				
Relinquished				
Received				
Relinquished				

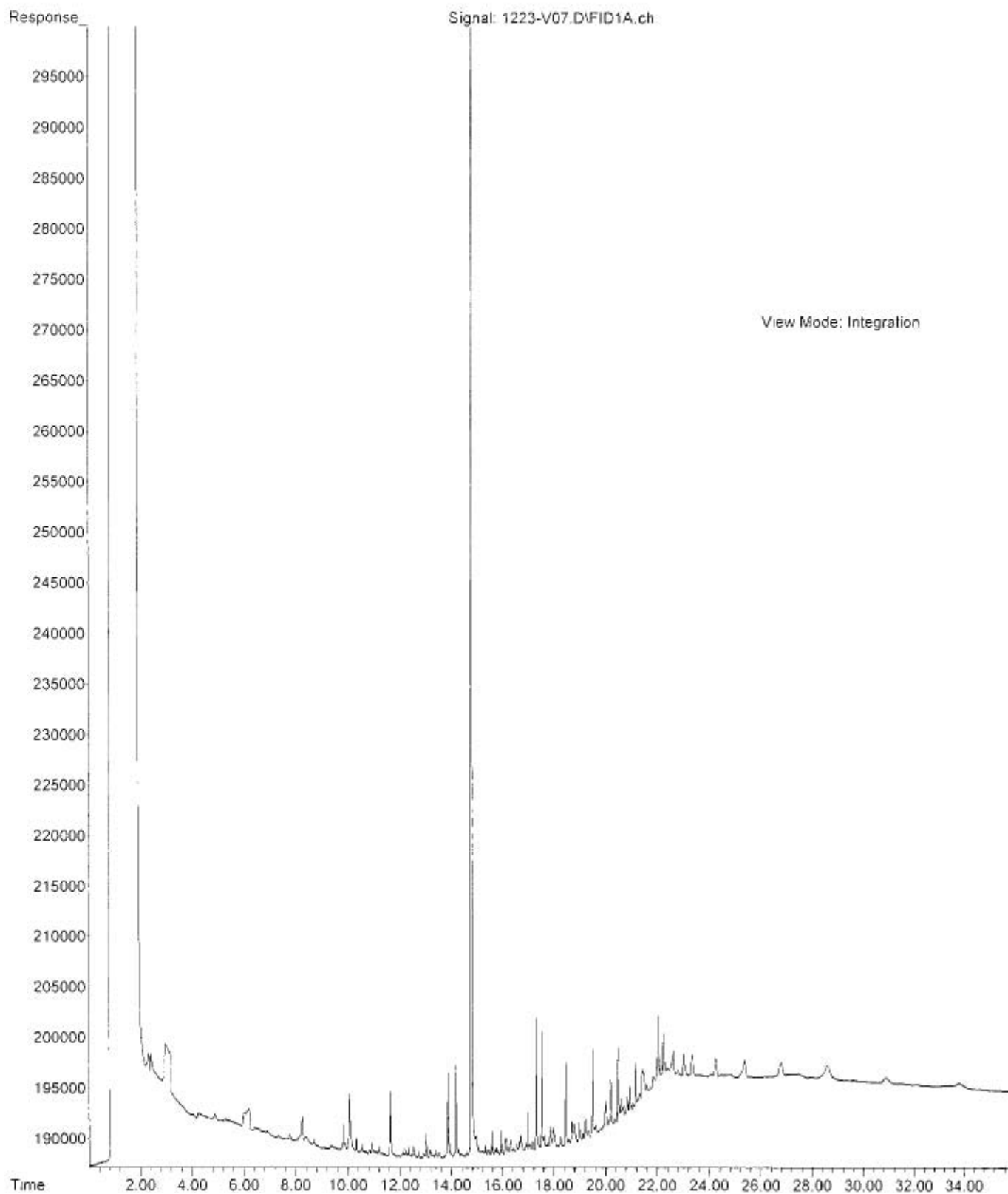


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Operator :  
Acquired : 23 Dec 2011 12:48 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-170-10 HC  
Misc Info :  
Vial Number: 6

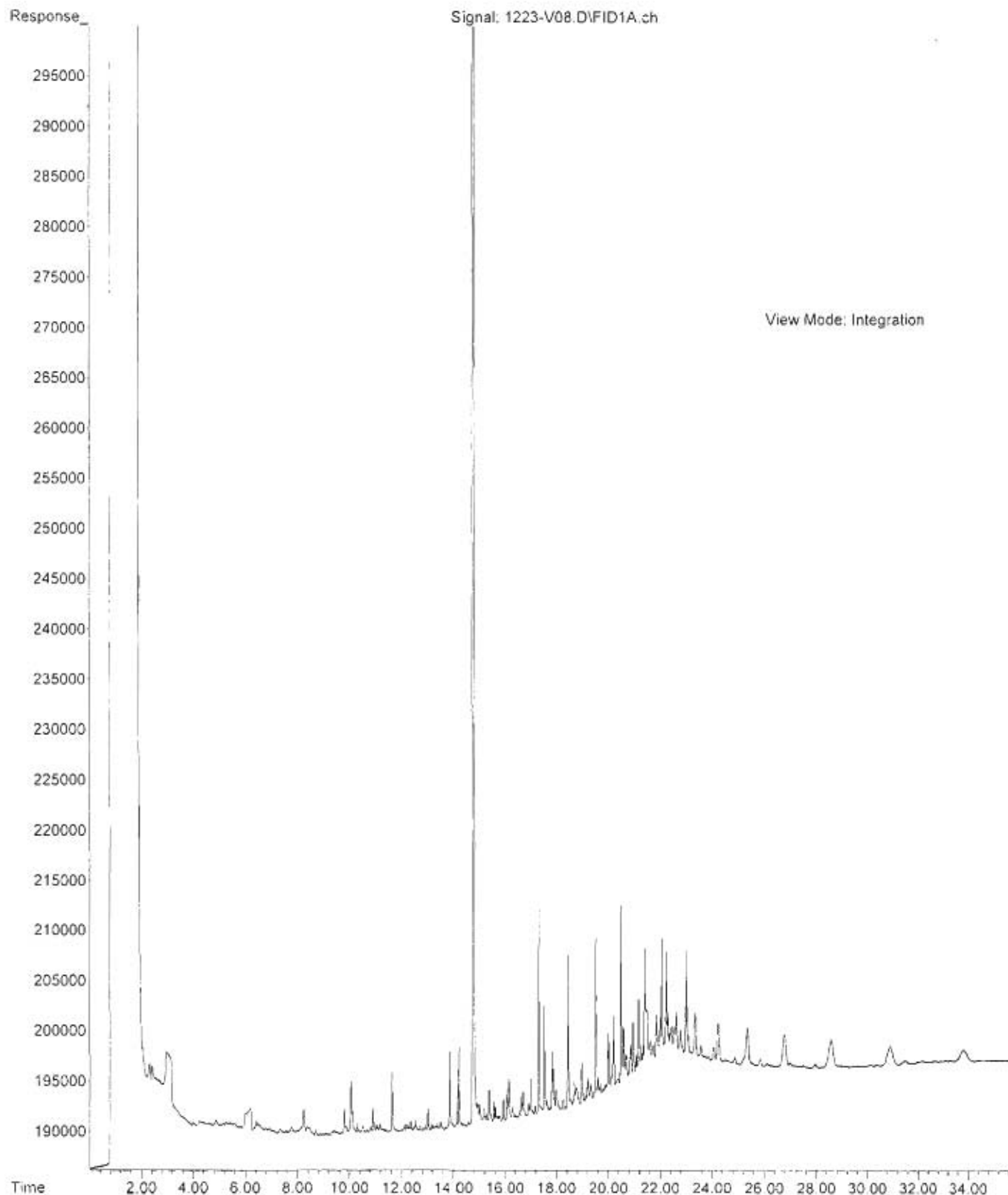




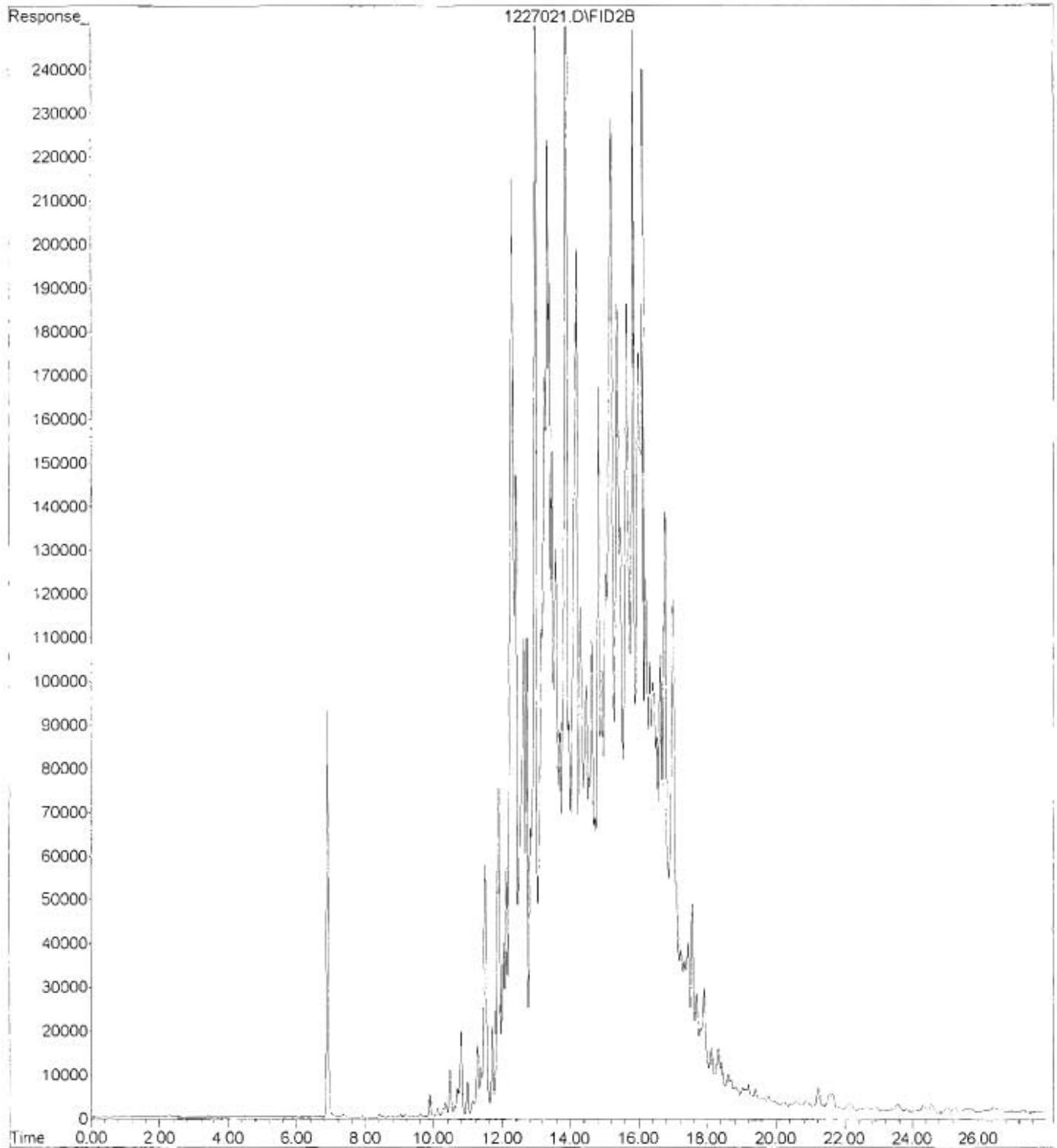
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Operator :  
Acquired : 23 Dec 2011 13:28 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-170-15 HC  
Misc Info :  
Vial Number: 7



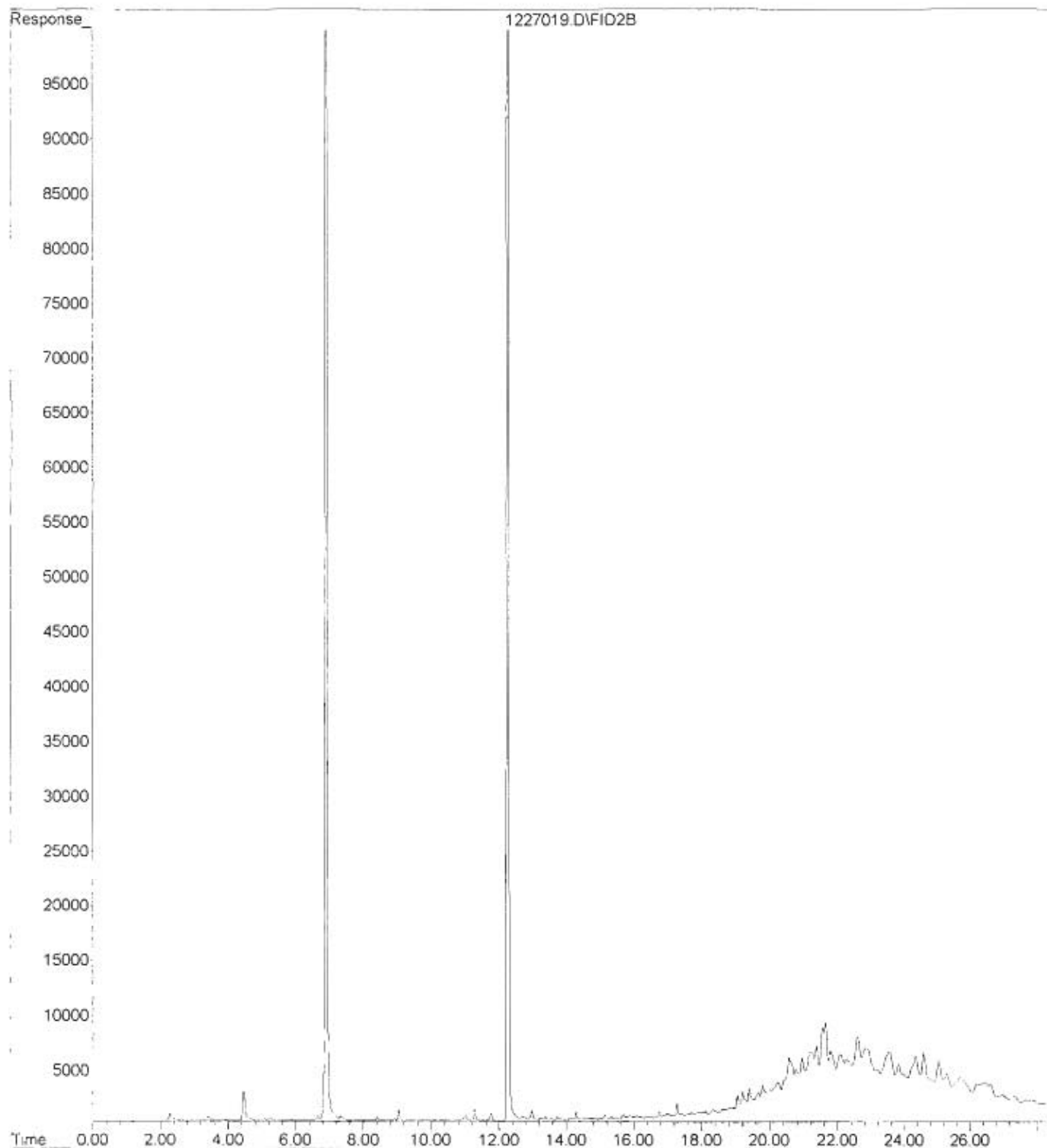
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Operator :  
Acquired : 23 Dec 2011 14:08 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-170-25 HC  
Misc Info :  
Vial Number: 8



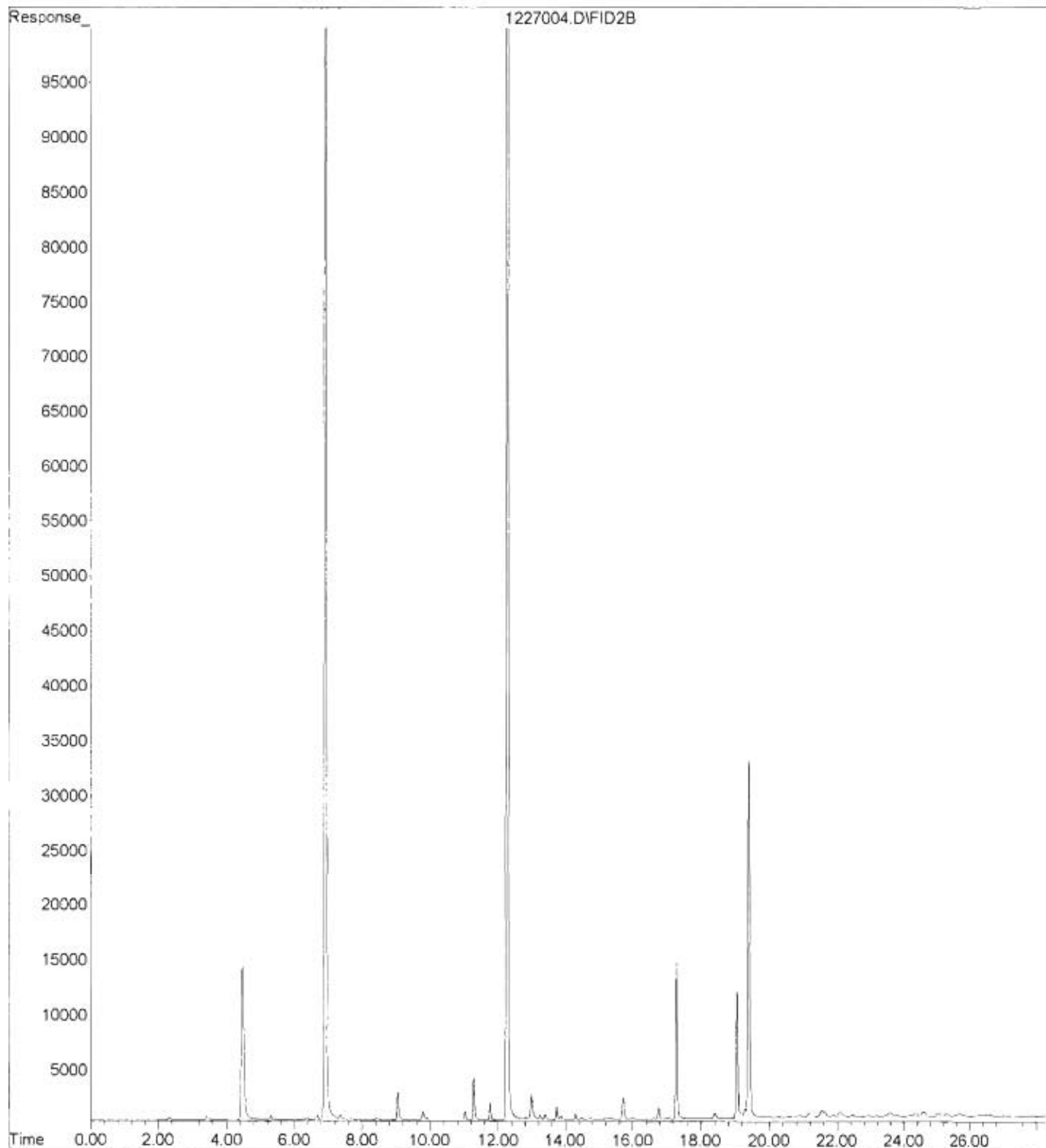
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Operator :  
Acquired : 27 Dec 2011 23:41 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-170-14s 1:100  
Misc Info : V2-26-24  
Vial Number: 21



File : X:\BTEX\DARYL\DATA\D111227\1227019.D  
Operator :  
Acquired : 27 Dec 2011 22:34 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-170-20s  
Misc Info : V2-26-24  
Vial Number: 19

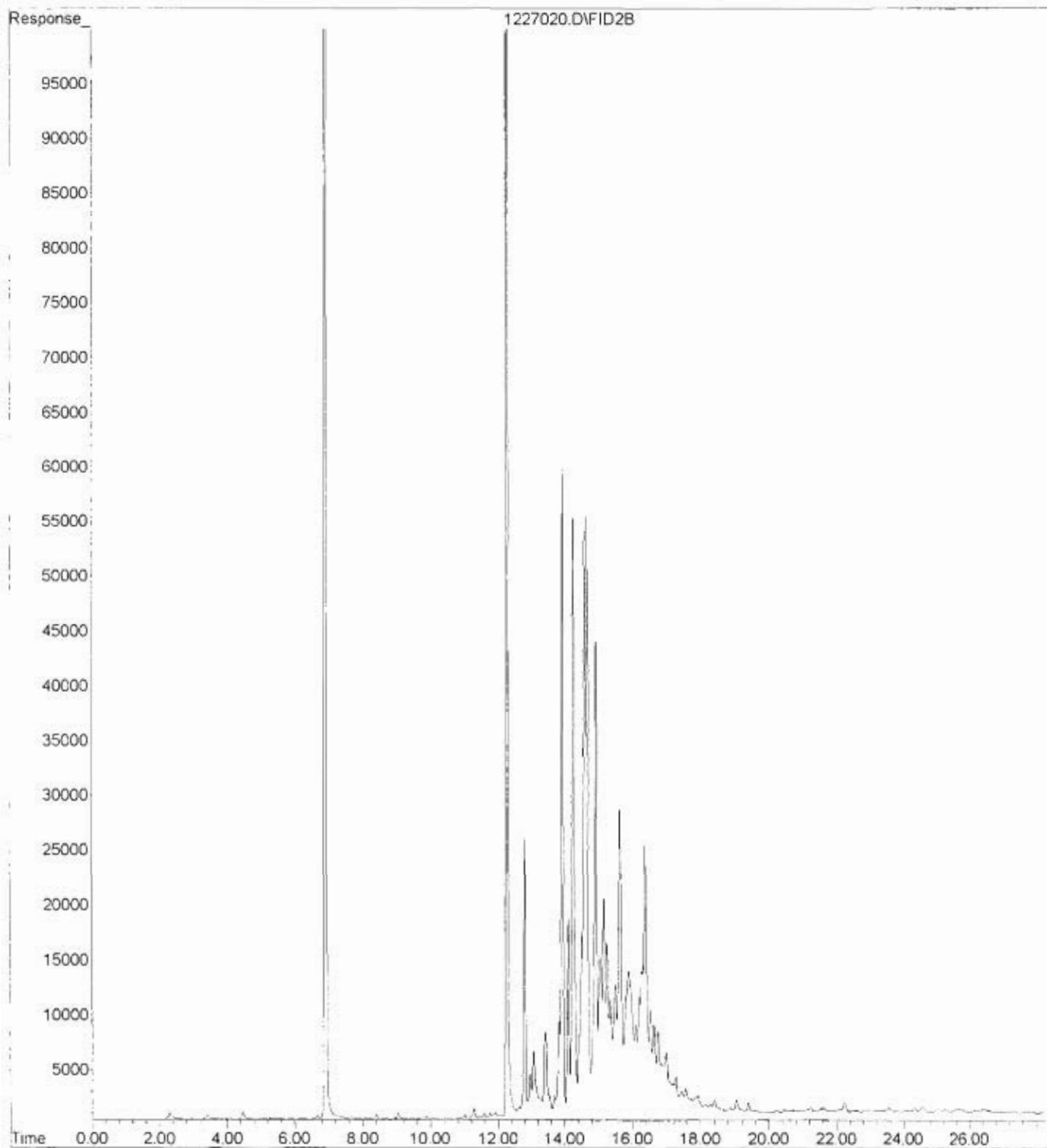


File : X:\BTEX\DARYL\DATA\D111227\1227004.D  
Operator :  
Acquired : 27 Dec 2011 14:07 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-170-23h  
Misc Info : V2-27-11  
Vial Number: 4

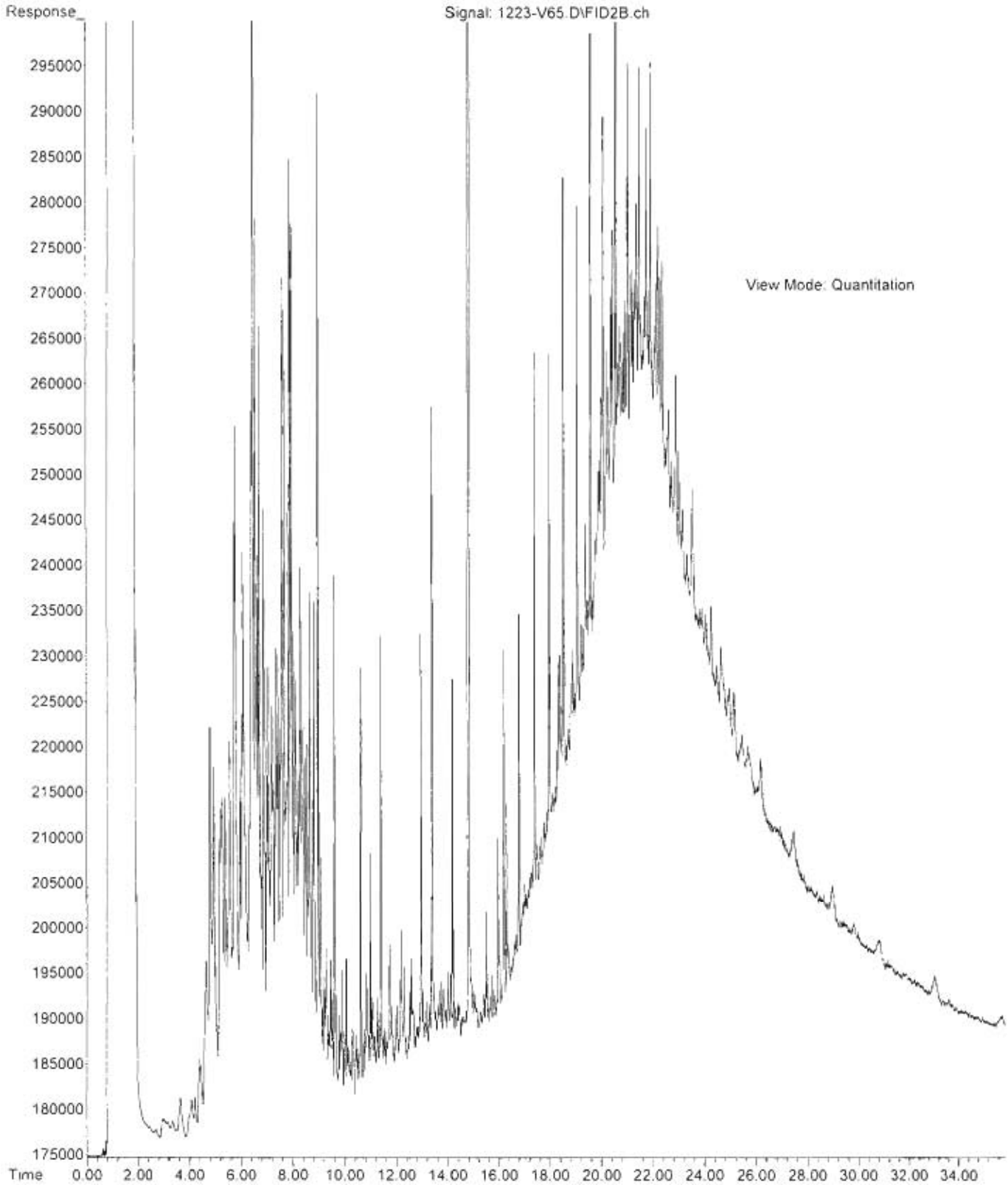




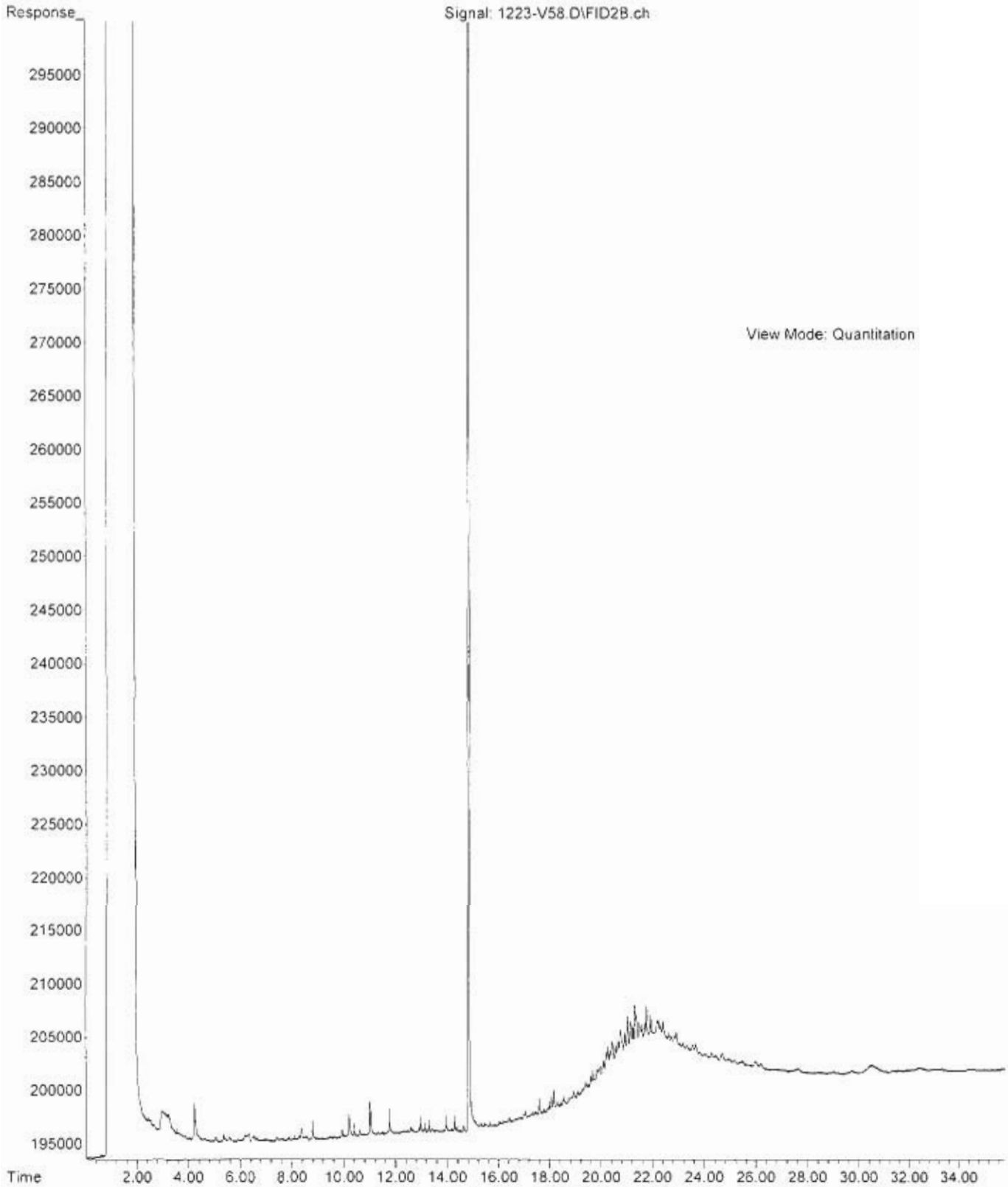
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Operator :  
Acquired : 27 Dec 2011 23:07 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-170-24s  
Misc Info : V2-26-24  
Vial Number: 20



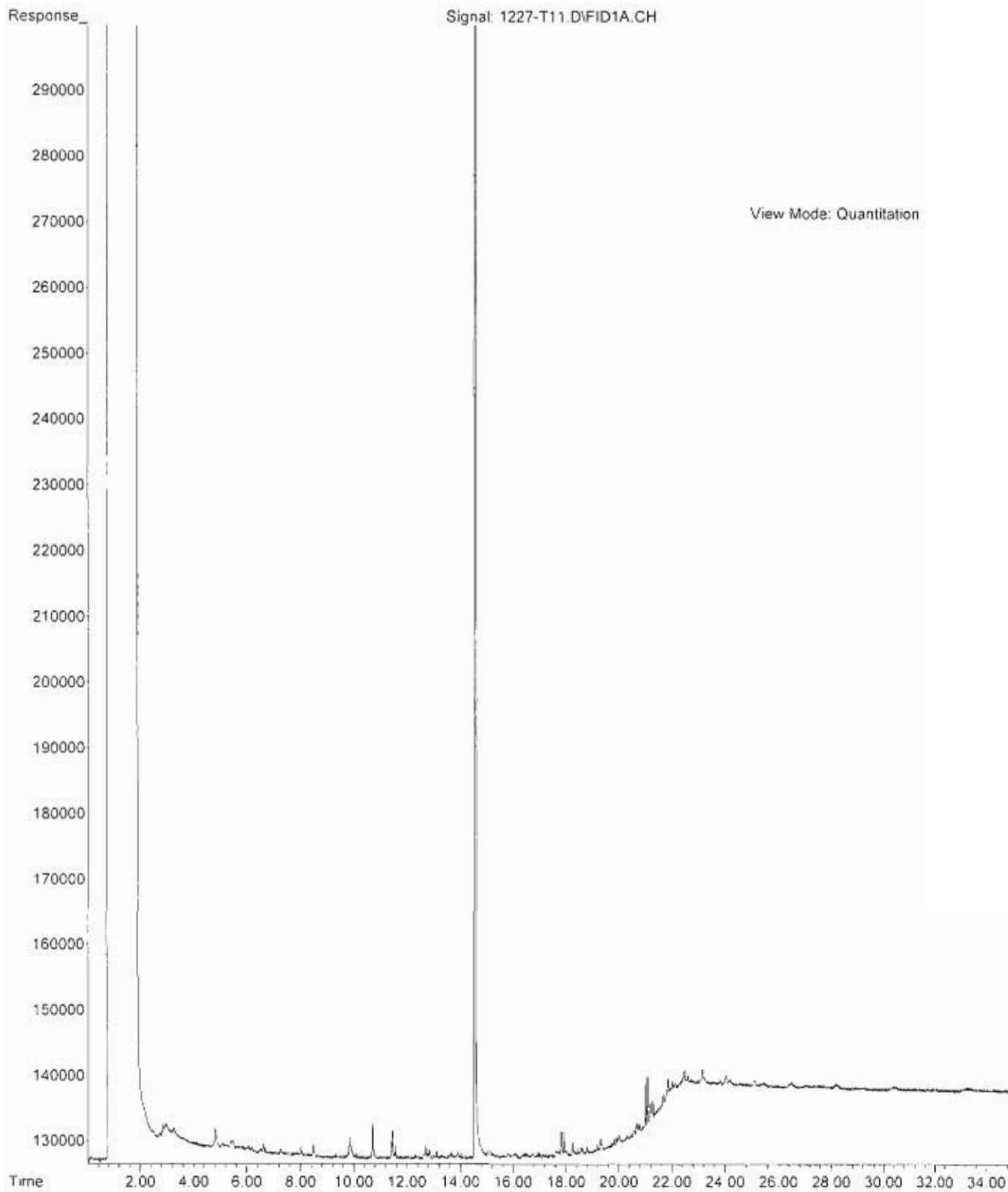
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Operator :  
Acquired : 23 Dec 2011 18:47 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-170-14  
Misc Info :  
Vial Number: 65



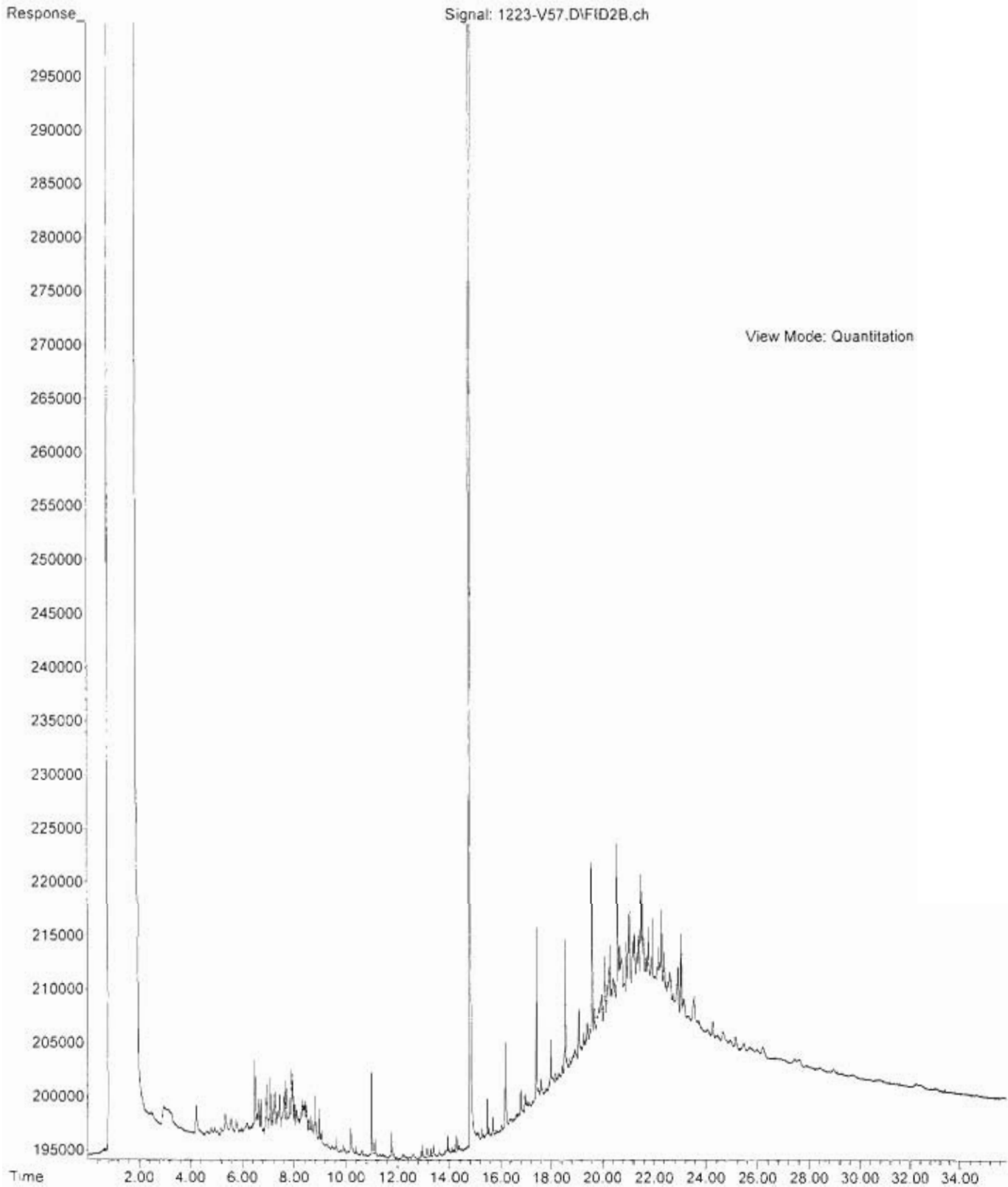
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Operator :  
Acquired : 23 Dec 2011 14:08 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-170-20  
Misc Info :  
Vial Number: 58



File : C:\msdchem\1\DATA\T111227\1227-T11.D  
Operator : ZT  
Acquired : 27 Dec 2011 20:13 using AcqMethod T110816F.M  
Instrument : Teri  
Sample Name: 12-170-23  
Misc Info :  
Vial Number: 11



File : C:\msdchem\2\DATA\V111223.SEC\1223-V57.D  
Operator :  
Acquired : 23 Dec 2011 13:28 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-170-24  
Misc Info :  
Vial Number: 57





14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

January 4, 2012

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-01  
Laboratory Reference No. 1112-177

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on December 22, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

### **Case Narrative**

Samples were collected on December 22, 2011 and received by the laboratory on December 22, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx (Soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

#### NWTPH Gx (Water) Analysis

The gasoline response for B-110E-122211-GW is mainly attributed to a single peak; refer to EPA 8260B results.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

#### Volatiles EPA 8260B (Soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Method 5035A VOA vials were not provided for sample B-114E-7.5-122211. The sample was therefore extracted from an 8-ounce jar and analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

### ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
B-110E-2.5-122211	12-177-01	Soil	12-22-11	12-22-11	
B-110E-122211-GW	12-177-07	Water	12-22-11	12-22-11	
B-108E-5.0-122211	12-177-09	Soil	12-22-11	12-22-11	
B-108E-10.0-122211	12-177-10	Soil	12-22-11	12-22-11	
B-109E-2.5-122211	12-177-14	Soil	12-22-11	12-22-11	
B-109E-5.0-122211	12-177-15	Soil	12-22-11	12-22-11	
B-114E-2.5-122211	12-177-20	Soil	12-22-11	12-22-11	
B-114E-7.5-122211	12-177-22	Soil	12-22-11	12-22-11	
B-114E-12.5-122211	12-177-24	Soil	12-22-11	12-22-11	
B-114E-122211-GW	12-177-27	Water	12-22-11	12-22-11	
B-111E-122211-GW	12-177-28	Water	12-22-11	12-22-11	



Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-HCID**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-108E-5.0-122211</b>					
Laboratory ID:	12-177-09					
Gasoline Range Organics	<b>ND</b>	22	NWTPH-HCID	12-28-11	12-28-11	
Diesel Range Organics	<b>ND</b>	55	NWTPH-HCID	12-28-11	12-28-11	
Lube Oil	<b>Detected</b>	110	NWTPH-HCID	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>104</i>	<i>50-150</i>				

<b>Client ID:</b>	<b>B-114E-7.5-122211</b>					
Laboratory ID:	12-177-22					
Gasoline Range Organics	<b>ND</b>	24	NWTPH-HCID	12-28-11	12-28-11	
Diesel Range Organics	<b>ND</b>	59	NWTPH-HCID	12-28-11	12-28-11	
Lube Oil Range Organics	<b>ND</b>	120	NWTPH-HCID	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>109</i>	<i>50-150</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Gx**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-2.5-122211</b>					
Laboratory ID:	12-177-01					
Gasoline	<b>ND</b>	6.7	NWTPH-Gx	12-29-11	12-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	68-124				
<b>Client ID:</b>	<b>B-109E-2.5-122211</b>					
Laboratory ID:	12-177-14					
Gasoline	<b>ND</b>	4.8	NWTPH-Gx	12-29-11	12-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	68-124				
<b>Client ID:</b>	<b>B-114E-2.5-122211</b>					
Laboratory ID:	12-177-20					
Gasoline	<b>ND</b>	5.4	NWTPH-Gx	12-29-11	12-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	98	68-124				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Gx**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-122211-GW</b>					
Laboratory ID:	12-177-07					
Gasoline	<b>1200</b>	100	NWTPH-Gx	12-30-11	12-30-11	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	73-121				
<b>Client ID:</b>	<b>B-114E-122211-GW</b>					
Laboratory ID:	12-177-27					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-30-11	12-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	73-121				
<b>Client ID:</b>	<b>B-111E-122211-GW</b>					
Laboratory ID:	12-177-28					
Gasoline	<b>900</b>	100	NWTPH-Gx	12-30-11	12-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	73-121				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-2.5-122211</b>					
Laboratory ID:	12-177-01					
Diesel Range Organics	<b>ND</b>	30	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil	<b>75</b>	60	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	102	50-150				
<b>Client ID:</b>	<b>B-109E-2.5-122211</b>					
Laboratory ID:	12-177-14					
Diesel Range Organics	<b>ND</b>	140	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil	<b>1100</b>	270	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	109	50-150				
<b>Client ID:</b>	<b>B-114E-2.5-122211</b>					
Laboratory ID:	12-177-20					
Diesel Range Organics	<b>ND</b>	29	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	<b>ND</b>	57	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	101	50-150				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-108E-5.0-122211</b>					
Laboratory ID:	12-177-09					
Diesel Range Organics	<b>ND</b>	28	NWTPH-Dx	12-30-12	1-3-12	
Lube Oil	<b>120</b>	55	NWTPH-Dx	12-30-12	1-3-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	97	50-150				

<b>Client ID:</b>	<b>B-109E-5.0-122211</b>					
Laboratory ID:	12-177-15					
Diesel Range Organics	<b>ND</b>	30	NWTPH-Dx	12-30-12	12-30-12	
Lube Oil Range Organics	<b>ND</b>	61	NWTPH-Dx	12-30-12	12-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	92	50-150				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-122211-GW</b>					
Laboratory ID:	12-177-07					
Diesel Range Organics	<b>ND</b>	0.27	NWTPH-Dx	12-29-11	12-29-12	
Lube Oil Range Organics	<b>ND</b>	0.43	NWTPH-Dx	12-29-11	12-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	86	50-150				
<b>Client ID:</b>	<b>B-114E-122211-GW</b>					
Laboratory ID:	12-177-27					
Diesel Range Organics	<b>ND</b>	0.17	NWTPH-Dx	12-29-11	12-29-12	
Lube Oil Range Organics	<b>ND</b>	0.27	NWTPH-Dx	12-29-11	12-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	87	50-150				
<b>Client ID:</b>	<b>B-111E-122211-GW</b>					
Laboratory ID:	12-177-28					
Diesel Range Organics	<b>ND</b>	0.57	NWTPH-Dx	12-29-11	12-29-12	U1
Lube Oil Range Organics	<b>ND</b>	0.49	NWTPH-Dx	12-29-11	12-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	96	50-150				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-2.5-122211</b>					
Laboratory ID:	12-177-01					
Dichlorodifluoromethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Acetone	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0049	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0049	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
2-Butanone	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Trichloroethene	0.0016	0.00098	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0049	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.00098	EPA 8260	12-27-11	12-27-11	

Date of Report: January 4, 2012  
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 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-2.5-122211</b>					
Laboratory ID:	12-177-01					
1,1,2-Trichloroethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	0.023	0.00098	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.00098	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0049	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.00098	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>111</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>108</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>55-121</i>				



Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-108E-5.0-122211</b>					
Laboratory ID:	12-177-09					
Dichlorodifluoromethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Acetone	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0047	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0047	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
2-Butanone	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Trichloroethene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0047	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-27-11	12-27-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-108E-5.0-122211</b>					
Laboratory ID:	12-177-09					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	0.0018	0.00095	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0047	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>87</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-109E-2.5-122211</b>					
Laboratory ID:	12-177-14					
Dichlorodifluoromethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0043	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0043	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Acetone	0.061	0.0043	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0043	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0043	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0043	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
2-Butanone	0.011	0.0043	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Trichloroethene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0043	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.00085	EPA 8260	12-27-11	12-27-11	

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 Laboratory Reference: 1112-177  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-109E-2.5-122211</b>					
<b>Laboratory ID:</b>	12-177-14					
1,1,2-Trichloroethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0043	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0017	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.00085	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0043	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.00085	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>106</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>109</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-2.5-122211</b>					
Laboratory ID:	12-177-20					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0054	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0054	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Acetone	0.023	0.0054	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0054	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0054	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0054	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
2-Butanone	ND	0.0054	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Trichloroethene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0054	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-27-11	12-27-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-2.5-122211</b>					
<b>Laboratory ID:</b>	<b>12-177-20</b>					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0054	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0021	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0054	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>107</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>89</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-7.5-122211</b>					
Laboratory ID:	12-177-22					
Dichlorodifluoromethane	0.0050	0.0012	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0059	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0059	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	0.0026	0.0012	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Acetone	0.12	0.0059	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0059	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0059	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0059	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Butanone	0.020	0.0059	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Trichloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0059	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260	12-27-11	12-27-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-7.5-122211</b>					
<b>Laboratory ID:</b>	<b>12-177-22</b>					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0059	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0024	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0059	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>55-121</i>				



Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-108E-10.0-122211</b>					
Laboratory ID:	12-177-10					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chloromethane	ND	0.0051	EPA 8260	12-30-11	12-30-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromomethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chloroethane	ND	0.0051	EPA 8260	12-30-11	12-30-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Acetone	0.071	0.0051	EPA 8260	12-30-11	12-30-11	
Iodomethane	ND	0.0051	EPA 8260	12-30-11	12-30-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Methylene Chloride	ND	0.0051	EPA 8260	12-30-11	12-30-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Vinyl Acetate	ND	0.0051	EPA 8260	12-30-11	12-30-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Butanone	0.012	0.0051	EPA 8260	12-30-11	12-30-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chloroform	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Benzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Trichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Dibromomethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260	12-30-11	12-30-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Methyl Isobutyl Ketone	ND	0.0051	EPA 8260	12-30-11	12-30-11	
Toluene	ND	0.0051	EPA 8260	12-30-11	12-30-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-30-11	12-30-11	

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 Laboratory Reference: 1112-177  
 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-108E-10.0-122211</b>					
<b>Laboratory ID:</b>	<b>12-177-10</b>					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Hexanone	ND	0.0051	EPA 8260	12-30-11	12-30-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-30-11	12-30-11	
o-Xylene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Styrene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromoform	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dibromo-3-chloropropane	ND	0.0051	EPA 8260	12-30-11	12-30-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Hexachlorobutadiene	ND	0.0051	EPA 8260	12-30-11	12-30-11	
Naphthalene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	83	63-127				
<i>Toluene-d8</i>	96	65-129				
<i>4-Bromofluorobenzene</i>	93	55-121				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-12.5-122211</b>					
Laboratory ID:	12-177-24					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Chloromethane	ND	0.0056	EPA 8260	12-30-11	12-30-11	
Vinyl Chloride	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Bromomethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Chloroethane	ND	0.0056	EPA 8260	12-30-11	12-30-11	
Trichlorofluoromethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,1-Dichloroethene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Acetone	0.031	0.0056	EPA 8260	12-30-11	12-30-11	H
Iodomethane	ND	0.0056	EPA 8260	12-30-11	12-30-11	
Carbon Disulfide	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Methylene Chloride	ND	0.0056	EPA 8260	12-30-11	12-30-11	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,1-Dichloroethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Vinyl Acetate	ND	0.0056	EPA 8260	12-30-11	12-30-11	
2,2-Dichloropropane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
2-Butanone	ND	0.0056	EPA 8260	12-30-11	12-30-11	
Bromochloromethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Chloroform	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Carbon Tetrachloride	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,1-Dichloropropene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Benzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2-Dichloroethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Trichloroethene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2-Dichloropropane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Dibromomethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Bromodichloromethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260	12-30-11	12-30-11	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260	12-30-11	12-30-11	
Toluene	ND	0.0056	EPA 8260	12-30-11	12-30-11	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	12-30-11	12-30-11	

Date of Report: January 4, 2012  
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 Laboratory Reference: 1112-177  
 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-12.5-122211</b>					
<b>Laboratory ID:</b>	<b>12-177-24</b>					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Tetrachloroethene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,3-Dichloropropane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
2-Hexanone	ND	0.0056	EPA 8260	12-30-11	12-30-11	
Dibromochloromethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2-Dibromoethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Chlorobenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Ethylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
m,p-Xylene	ND	0.0022	EPA 8260	12-30-11	12-30-11	
o-Xylene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Styrene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Bromoform	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Isopropylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Bromobenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	12-30-11	12-30-11	
n-Propylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
2-Chlorotoluene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
4-Chlorotoluene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
tert-Butylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
sec-Butylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
p-Isopropyltoluene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
n-Butylbenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260	12-30-11	12-30-11	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
Hexachlorobutadiene	ND	0.0056	EPA 8260	12-30-11	12-30-11	
Naphthalene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	12-30-11	12-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>82</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>91</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>88</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-122211-GW</b>					
Laboratory ID:	12-177-07					
Dichlorodifluoromethane	ND	10	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	50	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	ND	10	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	10	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	50	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	10	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	10	EPA 8260	12-28-11	12-28-11	
Acetone	ND	250	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	50	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	ND	10	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	50	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	ND	10	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	10	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	ND	10	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	100	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	10	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	21	10	EPA 8260	12-28-11	12-28-11	
2-Butanone	ND	250	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	10	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	10	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	10	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	10	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	10	EPA 8260	12-28-11	12-28-11	
Benzene	ND	10	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	10	EPA 8260	12-28-11	12-28-11	
Trichloroethene	100	10	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	10	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	10	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	10	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	50	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	10	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	100	EPA 8260	12-28-11	12-28-11	
Toluene	ND	50	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	10	EPA 8260	12-28-11	12-28-11	

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 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-110E-122211-GW</b>					
Laboratory ID:	12-177-07					
1,1,2-Trichloroethane	ND	10	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	1000	10	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	10	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	100	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	10	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	10	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	10	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	10	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	ND	20	EPA 8260	12-28-11	12-28-11	
o-Xylene	ND	10	EPA 8260	12-28-11	12-28-11	
Styrene	ND	10	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	50	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	10	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	10	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	10	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	10	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	10	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	10	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	ND	10	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	10	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	ND	10	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	ND	10	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	50	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	10	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	10	EPA 8260	12-28-11	12-28-11	
Naphthalene	ND	50	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	10	EPA 8260	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>84</i>	<i>65-120</i>				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-122211-GW</b>					
Laboratory ID:	12-177-27					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	2.8	0.20	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Acetone	ND	5.0	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	1.0	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	3.6	0.20	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	2.4	0.20	EPA 8260	12-28-11	12-28-11	
2-Butanone	ND	5.0	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Benzene	0.26	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Trichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-28-11	12-28-11	
Toluene	ND	1.0	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-114E-122211-GW</b>					
Laboratory ID:	12-177-27					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	2.0	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	0.76	0.40	EPA 8260	12-28-11	12-28-11	
o-Xylene	0.34	0.20	EPA 8260	12-28-11	12-28-11	
Styrene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	1.0	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	0.26	0.20	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Naphthalene	ND	1.0	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	85	68-120				
<i>Toluene-d8</i>	86	73-120				
<i>4-Bromofluorobenzene</i>	83	65-120				



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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-122211-GW</b>					
Laboratory ID:	12-177-28					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	0.41	0.20	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Acetone	100	25	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	0.86	0.20	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	1.0	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	0.20	0.20	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	0.38	0.20	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	27	0.20	EPA 8260	12-28-11	12-28-11	
2-Butanone	7.7	5.0	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Benzene	1.5	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Trichloroethene	12	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-28-11	12-28-11	
Toluene	3.6	1.0	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-122211-GW</b>					
Laboratory ID:	12-177-28					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	15	0.20	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	2.0	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	5.0	0.20	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	3.1	0.40	EPA 8260	12-28-11	12-28-11	
o-Xylene	1.4	0.20	EPA 8260	12-28-11	12-28-11	
Styrene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	1.0	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	13	0.20	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	29	0.20	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	0.22	0.20	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	1.4	0.20	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	15	0.20	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	15	0.20	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	2.0	0.20	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	1.5	0.20	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	6.1	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Naphthalene	1.7	1.0	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>79</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>87</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>92</i>	<i>65-120</i>				

Date of Report: January 4, 2012  
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 Project: 0526-170-01

**TOTAL LEAD  
 EPA 6010B**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-177-01					
<b>Client ID:</b>	<b>B-110E-2.5-122211</b>					
Lead	<b>ND</b>	6.0	6010B	12-28-11	12-28-11	
Lab ID:	12-177-14					
<b>Client ID:</b>	<b>B-109E-2.5-122211</b>					
Lead	<b>5.5</b>	5.4	6010B	12-28-11	12-29-11	
Lab ID:	12-177-20					
<b>Client ID:</b>	<b>B-114E-2.5-122211</b>					
Lead	<b>8.7</b>	5.7	6010B	12-28-11	12-29-11	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**TOTAL LEAD**  
**EPA 200.8**

Matrix: Water  
Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-177-27					
<b>Client ID:</b>	<b>B-114E-122211-GW</b>					
Lead	<b>10</b>	1.1	200.8	12-28-11	12-28-11	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**DISSOLVED LEAD**  
**EPA 200.8**

Matrix: Water  
Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-177-27					
<b>Client ID:</b>	<b>B-114E-122211-GW</b>					
Lead	<b>ND</b>	1.0	200.8	12-23-11	12-23-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-HCID  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1228S2					
Gasoline Range Organics	<b>ND</b>	20	NWTPH-HCID	12-28-11	12-28-11	
Diesel Range Organics	<b>ND</b>	50	NWTPH-HCID	12-28-11	12-28-11	
Lube Oil Range Organics	<b>ND</b>	100	NWTPH-HCID	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	114	50-150				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1229S1					
Gasoline	<b>ND</b>	5.0	NWTPH-Gx	12-29-11	12-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	68-124				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-098-18							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				91	95	68-124		

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1230W1					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-30-11	12-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	90	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-189-02							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				90	86	73-121		



Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1228S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	117	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-098-13					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>			NA	NA
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>			NA	NA
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			103	105	50-150	

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1230S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	12-30-12	12-30-12	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	12-30-12	12-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>94</i>	<i>50-150</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-210-08					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			80 85	50-150		

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1229W1					
Diesel Range Organics	<b>ND</b>	0.10	NWTPH-Dx	12-29-11	12-29-11	
Lube Oil Range Organics	<b>ND</b>	0.16	NWTPH-Dx	12-29-11	12-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	88	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-177-07					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			86 80	50-150		

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1227S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chloromethane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromomethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chloroethane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Acetone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Iodomethane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-27-11	12-27-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-27-11	12-27-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Butanone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chloroform	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Benzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Trichloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Dibromomethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-27-11	12-27-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Toluene	ND	0.0050	EPA 8260	12-27-11	12-27-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-27-11	12-27-11	

Date of Report: January 4, 2012  
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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1227S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Hexanone	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-27-11	12-27-11	
o-Xylene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Styrene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromoform	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Bromobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-27-11	12-27-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-27-11	12-27-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-27-11	12-27-11	
Naphthalene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>108</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>110</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>55-121</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 MS/MSD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD		Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	12-177-22										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	<b>0.0596</b>	<b>0.0599</b>	0.0500	0.0500	ND	119	120	70-130	1	19	
Benzene	<b>0.0532</b>	<b>0.0542</b>	0.0500	0.0500	ND	106	108	70-130	2	21	
Trichloroethene	<b>0.0463</b>	<b>0.0464</b>	0.0500	0.0500	ND	93	93	70-122	0	21	
Toluene	<b>0.0486</b>	<b>0.0483</b>	0.0500	0.0500	ND	97	97	70-126	1	20	
Chlorobenzene	<b>0.0400</b>	<b>0.0385</b>	0.0500	0.0500	ND	80	77	70-113	4	18	
<i>Surrogate:</i>											
<i>Dibromofluoromethane</i>						94	95	63-127			
<i>Toluene-d8</i>						95	102	65-129			
<i>4-Bromofluorobenzene</i>						70	76	55-121			

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1230S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chloromethane	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromomethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chloroethane	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Acetone	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Iodomethane	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-30-11	12-30-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-30-11	12-30-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Butanone	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chloroform	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Benzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Trichloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Dibromomethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-30-11	12-30-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Toluene	ND	0.0050	EPA 8260	12-30-11	12-30-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-30-11	12-30-11	

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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1230S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Hexanone	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-30-11	12-30-11	
o-Xylene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Styrene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromoform	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Bromobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-30-11	12-30-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-30-11	12-30-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-30-11	12-30-11	
Naphthalene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-30-11	12-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	86	63-127				
<i>Toluene-d8</i>	97	65-129				
<i>4-Bromofluorobenzene</i>	96	55-121				



Date of Report: January 4, 2012  
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 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 MS/MSD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD		Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	12-177-24										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	<b>0.0402</b>	<b>0.0432</b>	0.0500	0.0500	ND	80	86	70-130	7	19	
Benzene	<b>0.0418</b>	<b>0.0414</b>	0.0500	0.0500	ND	84	83	70-130	1	21	
Trichloroethene	<b>0.0410</b>	<b>0.0410</b>	0.0500	0.0500	ND	82	82	70-122	0	21	
Toluene	<b>0.0439</b>	<b>0.0424</b>	0.0500	0.0500	ND	88	85	70-126	3	20	
Chlorobenzene	<b>0.0416</b>	<b>0.0414</b>	0.0500	0.0500	ND	83	83	70-113	0	18	
<i>Surrogate:</i>											
<i>Dibromofluoromethane</i>						75	76	63-127			
<i>Toluene-d8</i>						86	86	65-129			
<i>4-Bromofluorobenzene</i>						80	83	55-121			

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1228W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloromethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromomethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloroethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Acetone	ND	5.0	EPA 8260	12-28-11	12-28-11	
Iodomethane	ND	1.0	EPA 8260	12-28-11	12-28-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-28-11	12-28-11	
Methylene Chloride	ND	1.0	EPA 8260	12-28-11	12-28-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-28-11	12-28-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Butanone	ND	5.0	EPA 8260	12-28-11	12-28-11	
Bromochloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chloroform	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Benzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Trichloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Dibromomethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-28-11	12-28-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-28-11	12-28-11	
Toluene	ND	1.0	EPA 8260	12-28-11	12-28-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-28-11	12-28-11	

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB1228W1				
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Hexanone	ND	2.0	EPA 8260	12-28-11	12-28-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Chlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
Ethylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
m,p-Xylene	ND	0.40	EPA 8260	12-28-11	12-28-11	
o-Xylene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Styrene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromoform	ND	1.0	EPA 8260	12-28-11	12-28-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Bromobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-28-11	12-28-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-28-11	12-28-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-28-11	12-28-11	
Naphthalene	ND	1.0	EPA 8260	12-28-11	12-28-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>84</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-120</i>				

Date of Report: January 4, 2012  
 Samples Submitted: December 22, 2011  
 Laboratory Reference: 1112-177  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1228W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	11.4	11.2	10.0	10.0	114	112	70-130	2	11	
Benzene	10.2	10.2	10.0	10.0	102	102	75-123	0	8	
Trichloroethene	9.74	9.82	10.0	10.0	97	98	80-113	1	9	
Toluene	9.94	9.80	10.0	10.0	99	98	80-113	1	8	
Chlorobenzene	10.3	10.3	10.0	10.0	103	103	80-111	0	8	
<i>Surrogate:</i>										
Dibromofluoromethane					84	84	68-120			
Toluene-d8					87	87	73-120			
4-Bromofluorobenzene					81	83	65-120			

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: MB1228S1

Analyte	Method	Result	PQL
Lead	6010B	<b>ND</b>	5.0

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
DUPLICATE QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: 12-177-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	<b>ND</b>	<b>ND</b>	NA	5.0	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
MS/MSD QUALITY CONTROL**

Date Extracted: 12-28-11

Date Analyzed: 12-28-11

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 12-177-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	<b>221</b>	88	<b>221</b>	88	0	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**TOTAL LEAD  
EPA 200.8  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11  
  
Matrix: Water  
Units: ug/L (ppb)  
  
Lab ID: MB1228WM1

Analyte	Method	Result	PQL
Lead	200.8	<b>ND</b>	1.1



Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**TOTAL LEAD  
EPA 200.8  
DUPLICATE QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11

Matrix: Water  
Units: ug/L (ppb)

Lab ID: 12-197-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	<b>ND</b>	<b>ND</b>	NA	1.1	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**TOTAL LEAD  
EPA 200.8  
MS/MSD QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11

Matrix: Water  
Units: ug/L (ppb)

Lab ID: 12-197-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	111	<b>100</b>	91	<b>102</b>	92	2	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**DISSOLVED LEAD  
EPA 200.8  
METHOD BLANK QUALITY CONTROL**

Date Filtered: 12-23-11  
Date Analyzed: 12-23-11  
  
Matrix: Water  
Units: ug/L (ppb)  
  
Lab ID: MB1223F1

Analyte	Method	Result	PQL
Lead	200.8	<b>ND</b>	1.0

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**DISSOLVED LEAD  
EPA 200.8  
DUPLICATE QUALITY CONTROL**

Date Filtered: 12-23-11  
Date Analyzed: 12-23-11

Matrix: Water  
Units: ug/L (ppb)

Lab ID: 12-177-07

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	<b>ND</b>	<b>ND</b>	NA	1.0	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**DISSOLVED LEAD  
EPA 200.8  
MS/MSD QUALITY CONTROL**

Date Filtered: 12-23-11  
Date Analyzed: 12-23-11

Matrix: Water  
Units: ug/L (ppb)

Lab ID: 12-177-07

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	200	<b>191</b>	95	<b>192</b>	96	1	

Date of Report: January 4, 2012  
Samples Submitted: December 22, 2011  
Laboratory Reference: 1112-177  
Project: 0526-170-01

**% MOISTURE**

Date Analyzed: 12-27&30-11

Client ID	Lab ID	% Moisture
B-110E-2.5-122211	12-177-01	16
B-108E-5.0-122211	12-177-09	10
B-108E-10.0-122211	12-177-10	10
B-109E-2.5-122211	12-177-14	7
B-109E-5.0-122211	12-177-15	17
B-114E-2.5-122211	12-177-20	13
B-114E-7.5-122211	12-177-22	16
B-114E-12.5-122211	12-177-24	10



#### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - Y - Sample extract treated with an acid/silica gel cleanup procedure.
  - Z - The gasoline response is mainly attributed to a single peak, refer to EPA 8260B data.
- ND - Not Detected at PQL  
PQL - Practical Quantitation Limit  
RPD - Relative Percent Difference



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Environmental Inc.  
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# Chain of Custody

Laboratory Number: 12-177

Turnaround Request  
(In working days)

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days)  
(TPH analysis 5 Days)

Company: GEODESIGNERS

Project Number: 0526-170-01

Project Name: 120th AVENUE WIDENING - BELLEVUE

Project Manager: JACOB LETTS

Sampled by: FASIH KHAN

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Vials 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total PCBs/MFOA Metals (circle one)	TCLP Metals	HCM (oil and grease) 1664	% Moisture	
1	B-110E-2.5-1222-11	12/22/11	0830	S	5		X	X	X													X
2	B-110E-5.0-1222-11		0845	S	5																	X
3	B-110E-7.5-1222-11		0900	S	1																	X
4	B-110E-10.0-1222-11		0910	S	5																	X
5	B-110E-12.5-1222-11		0920	S	5																	X
6	B-110E-15.0-1222-11		0930	S	5																	X
7	B-110E-1222-11-GW		0945	W	15				X	X												X
8	B-108E-7.5-1222-11		1055	S	5																	X
9	B-108E-5.0-1222-11		1040	S	5																	X
10	B-108E-10.0-1222-11		1110	S	5																	X

Relinquished	Received	Relinquished	Received	Relinquished	Received	Reviewed/Date
	<i>[Signature]</i>		<i>[Signature]</i>			

Company: GET

Signature: *[Signature]*

Date: 12/22/11 Time: 1850

Comments/Special Instructions: X- Added 12/27/11 GW

Added 12-30-11 Wm





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# Chain of Custody

Laboratory Number: 12-177

**Turnaround Request (in working days)**  
(Check One)  
 Same Day  
 1 Day  
 2 Days  
 3 Days  
 Standard (7 Days)  
 (TPH analysis 5 Days)  
 Other

Company: **GEONGINTEERS**  
 Project Number: **05226-170-01**  
 Project Name: **170th AVE NE - WIDENING - BELLEVUE**  
 Project Manager: **JACOB LETTS**  
 Sampled by: **FASIH KHAN**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCD	NWTPH-GX/BTEX	NWTPH-GX	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides B151A	Total NORM Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	Hold	% Moisture	
11	B-108E-12.5-122211	12/22/11	1140	S	1																		
12	B-108E-15.0-122211		1150	S	5																X		
13	B-108E-18.0-122211		1205	S	1																X		
14	B-109E-2.5-122211		1300	S	5		X	X										X			X		
15	B-109E-5.0-122211		1315	S	5																X		
16	B-109E-7.5-122211		1325	S	1																X		
17	B-109E-10.0-122211		1340	S	5																X		
18	B-109E-13.0-122211		1350	S	1																X		
19	B-108E-122211-GW		1130	W	13																X		
20	B-109E-2.5-122211		1520	S	5		X	X										X			X		

Signature	Company	Date	Time	Comments/Special Instructions
	GET	12/22/11	1850	
	GET	12/22/11	1850	ADD 12:30-11 W



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# Chain of Custody

Laboratory Number: **12-177**

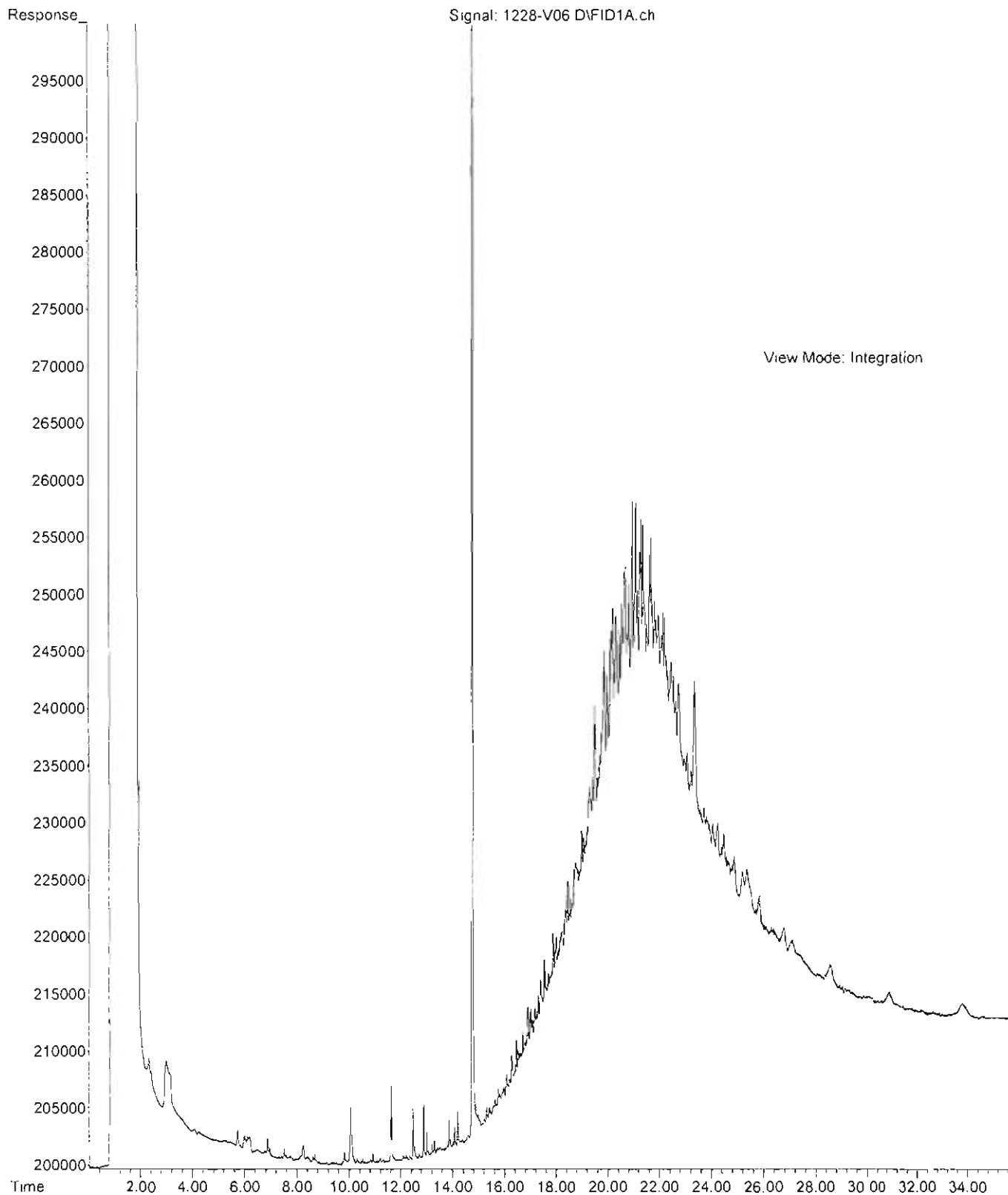
Turnaround Request (in working days)  
 Same Day  
 1 Day  
 2 Days  
 3 Days  
 Standard (7 Days)  
 (TPH analysis 5 Days)  
 (other) \_\_\_\_\_

Company: **GEODENGINBEERS**  
 Project Number: **0526-170-01**  
 Project Name: **120th AVE NE WIDENING-BELLEVIEW**  
 Project Manager: **JACOB LETTS**  
 Sampled by: **FASIH KHAN**

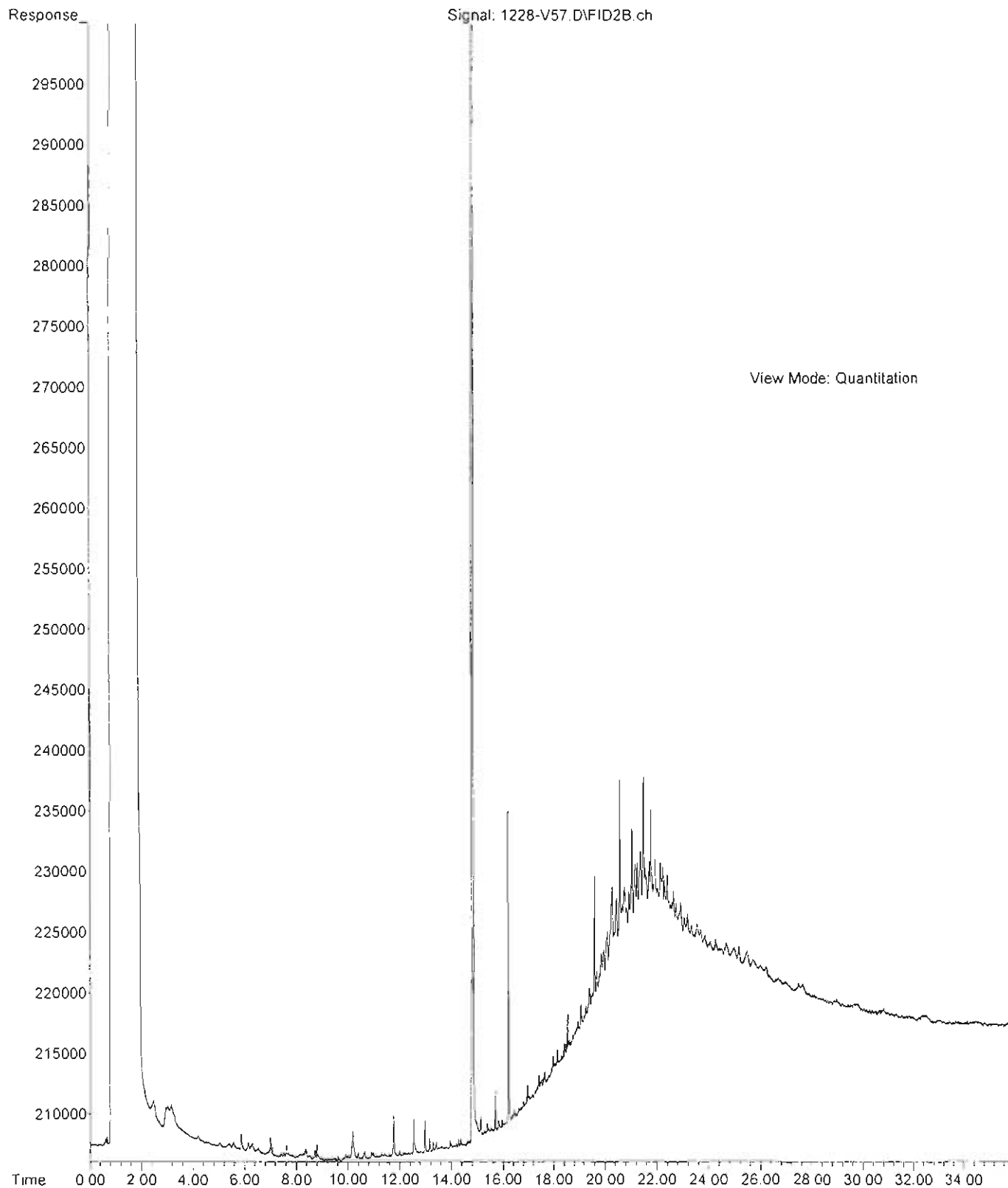
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-GX/BTEX	NWTPH-GX	NWTPH-DX	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides R081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides B151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HCM (oil and grease) 1664	TOI	Total + Dissolved Pb	% Moisture	
21	B-114E-5.0-122211	12/22/11	1530	S	5	X				X											X			
22	B-114E-7.5-122211		1545	S	1																X			
23	B-114E-10.0-122211		1550	S	5																X			
24	B-114E-12.5-122211		1555	S	1																X			
25	B-114E-15.0-122211		1600	S	1																X			
26	B-114E-18.0-122211		1610	S	1																X			
27	B-114E-122211-GW		1515	W	13			X	X	X											X			
28	B-111E-122211-GW		1430	W	9			X	X	X											X			

Signature	Company	Date	Time	Comments/Special Instructions
<i>[Signature]</i>	GET	12/22/11	1850	
<i>[Signature]</i>	OSG	12/22/11	1850	⊕ Added 12-30-11 - Ver
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date				Chromatograms with final report <input type="checkbox"/>

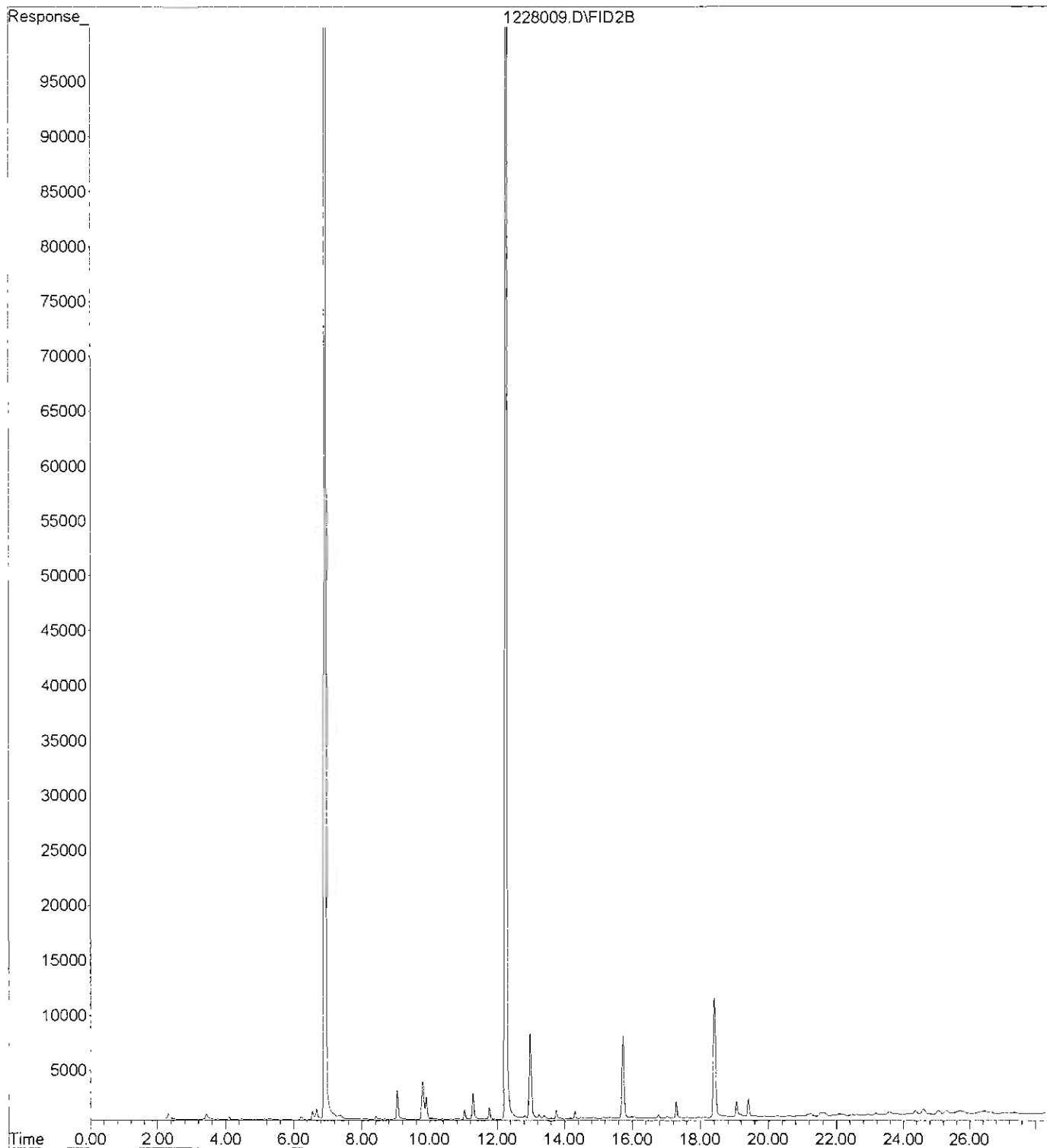
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Operator :  
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Instrument : VIGO  
Sample Name: 12-177-09 HC  
Misc Info :  
Vial Number: 6



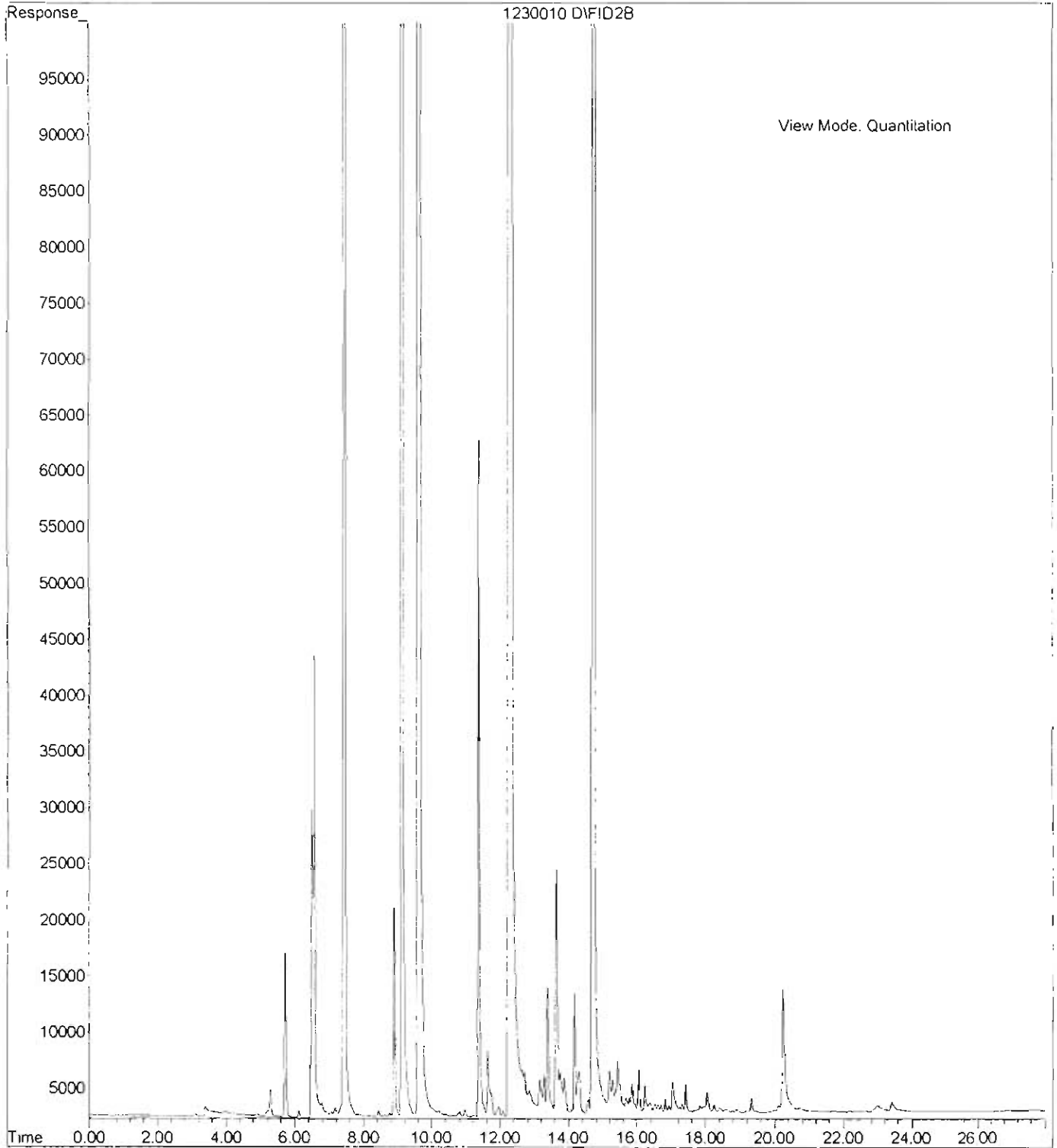
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Instrument : VIGO  
Sample Name: 12-177-22 HC  
Misc Info :  
Vial Number: 57



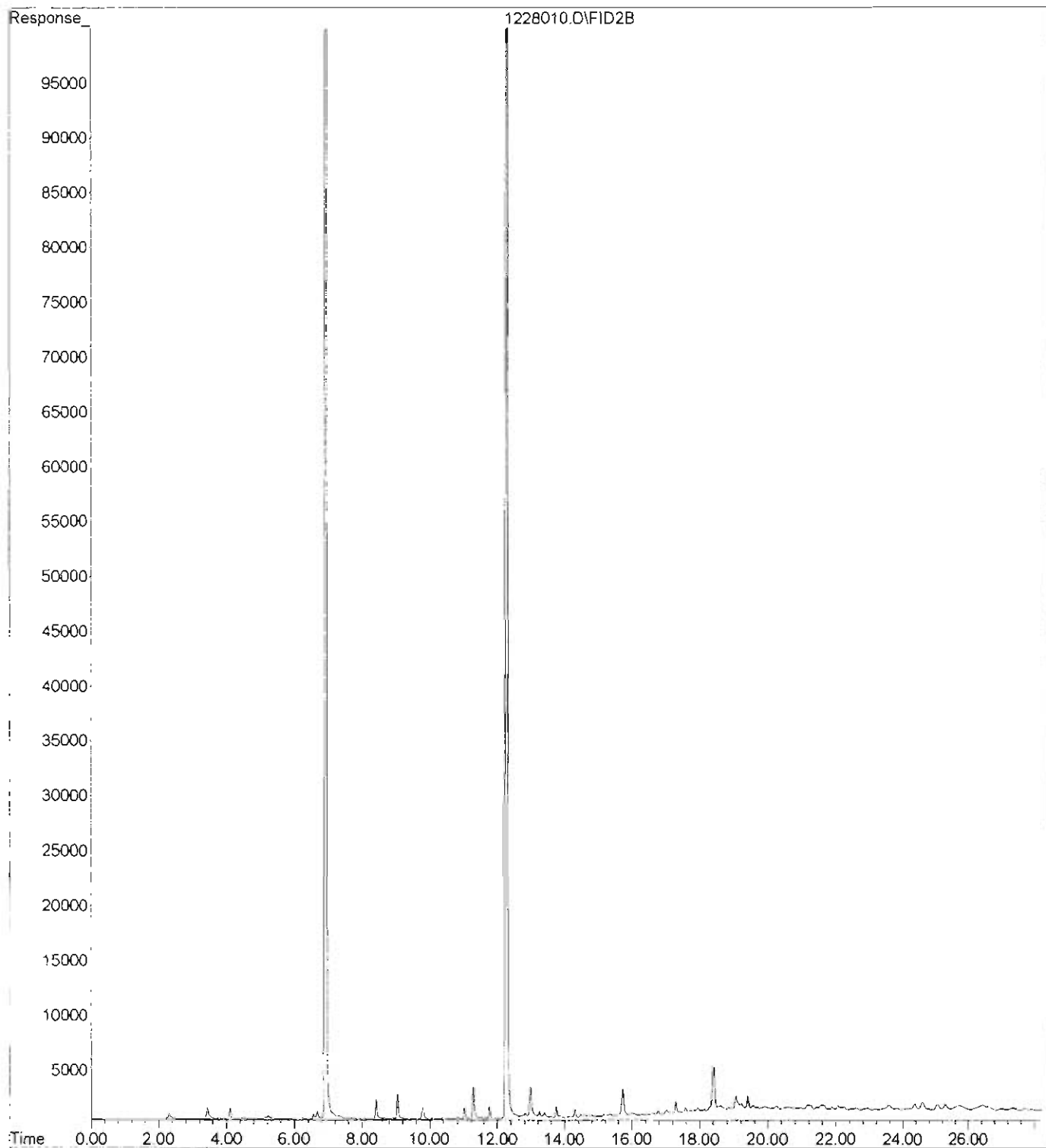
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Instrument : Daryl  
Sample Name: 12-177-01s  
Misc Info : V2-26-24  
Vial Number: 9



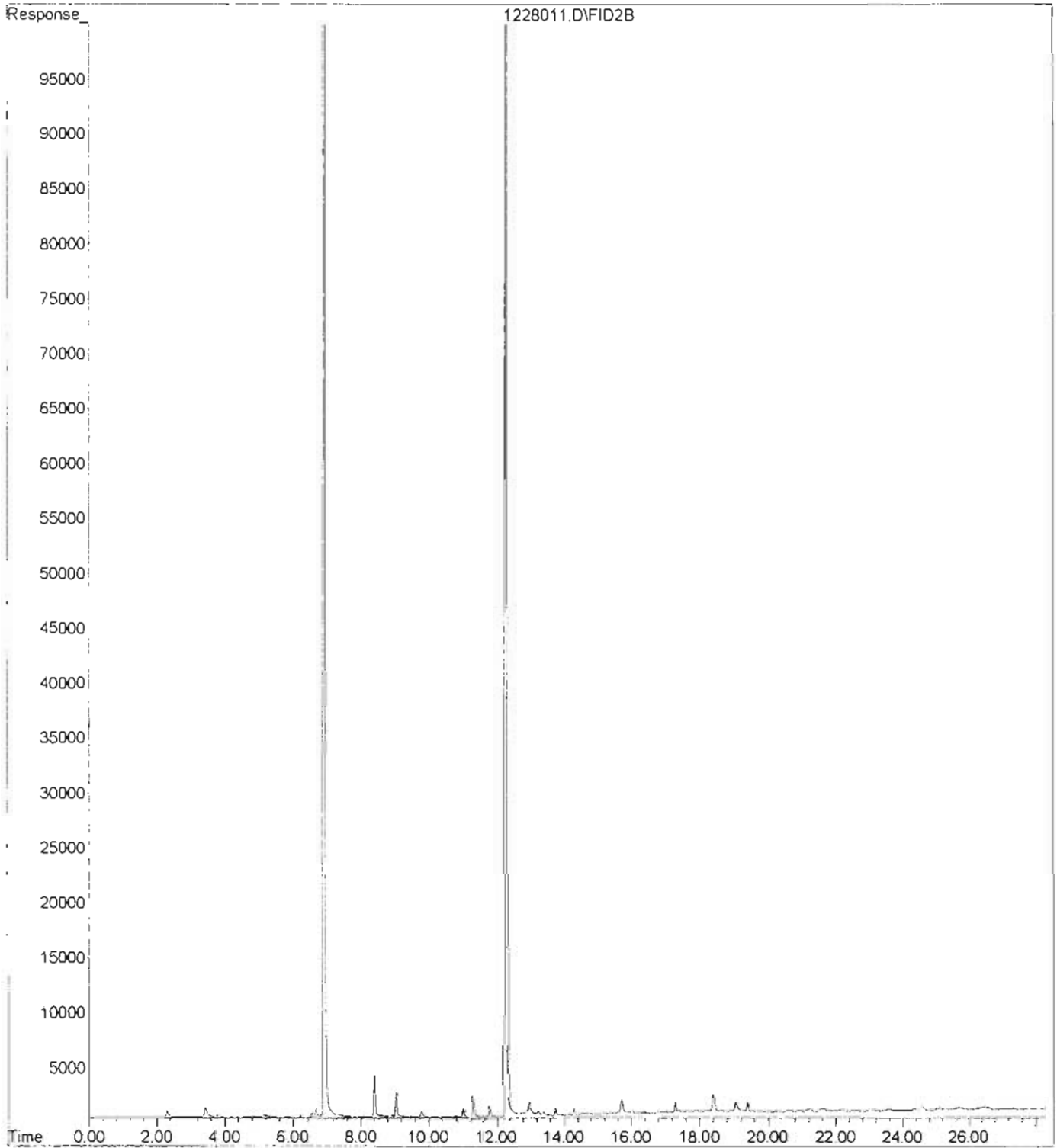
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Operator :  
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Instrument : HOPE  
Sample Name: 12-177-07e  
Misc Info : V2-26-24  
Vial Number: 10



File : X:\BTEX\DARYL\DATA\D111229\1228010.D  
Operator :  
Acquired : 29 Dec 2011 17:36 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-177-14s  
Misc Info : V2-26-24  
Vial Number: 10

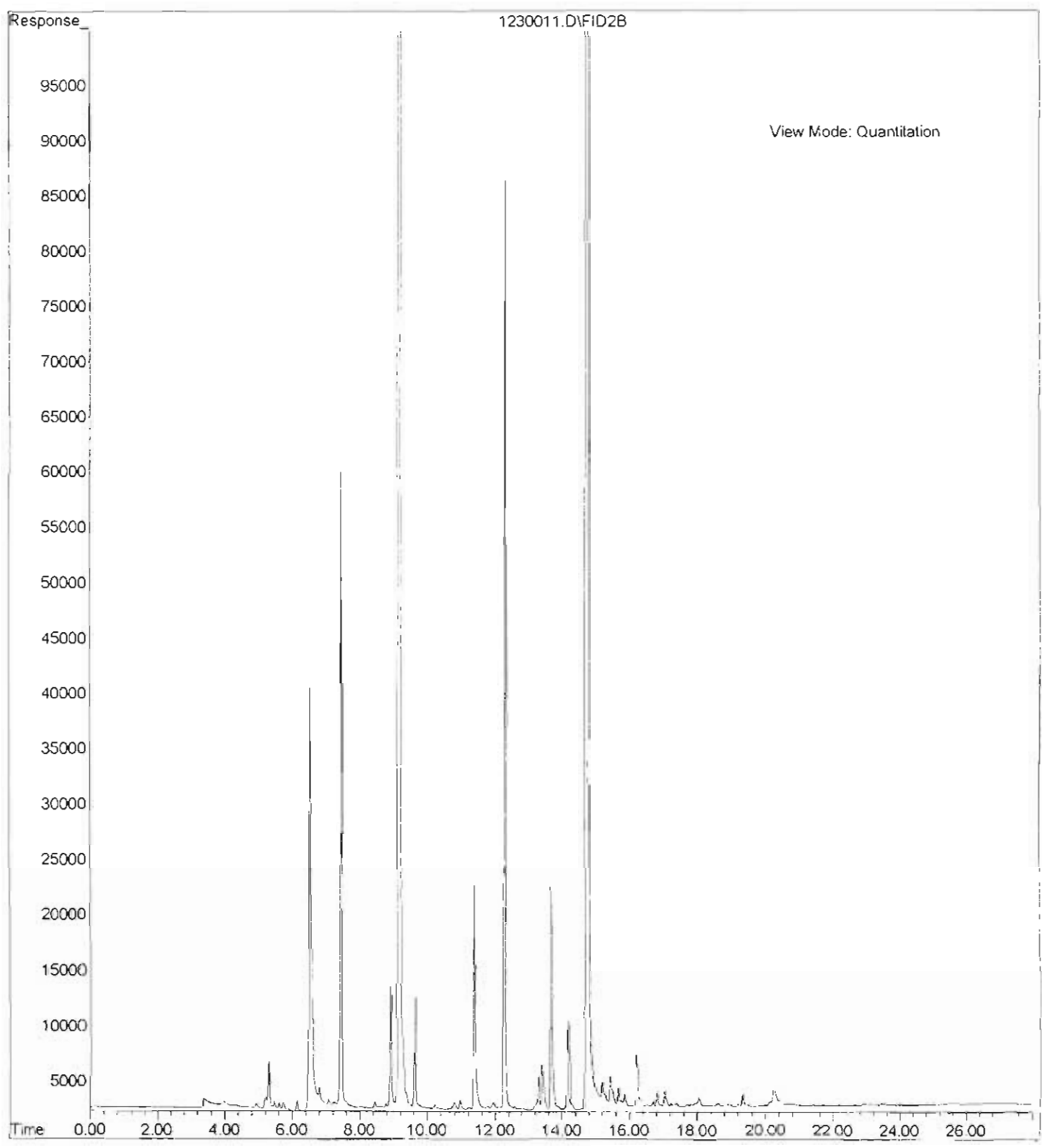


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Operator :  
Acquired : 29 Dec 2011 18:10 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-177-20s  
Misc Info : V2-26-24  
Vial Number: 11

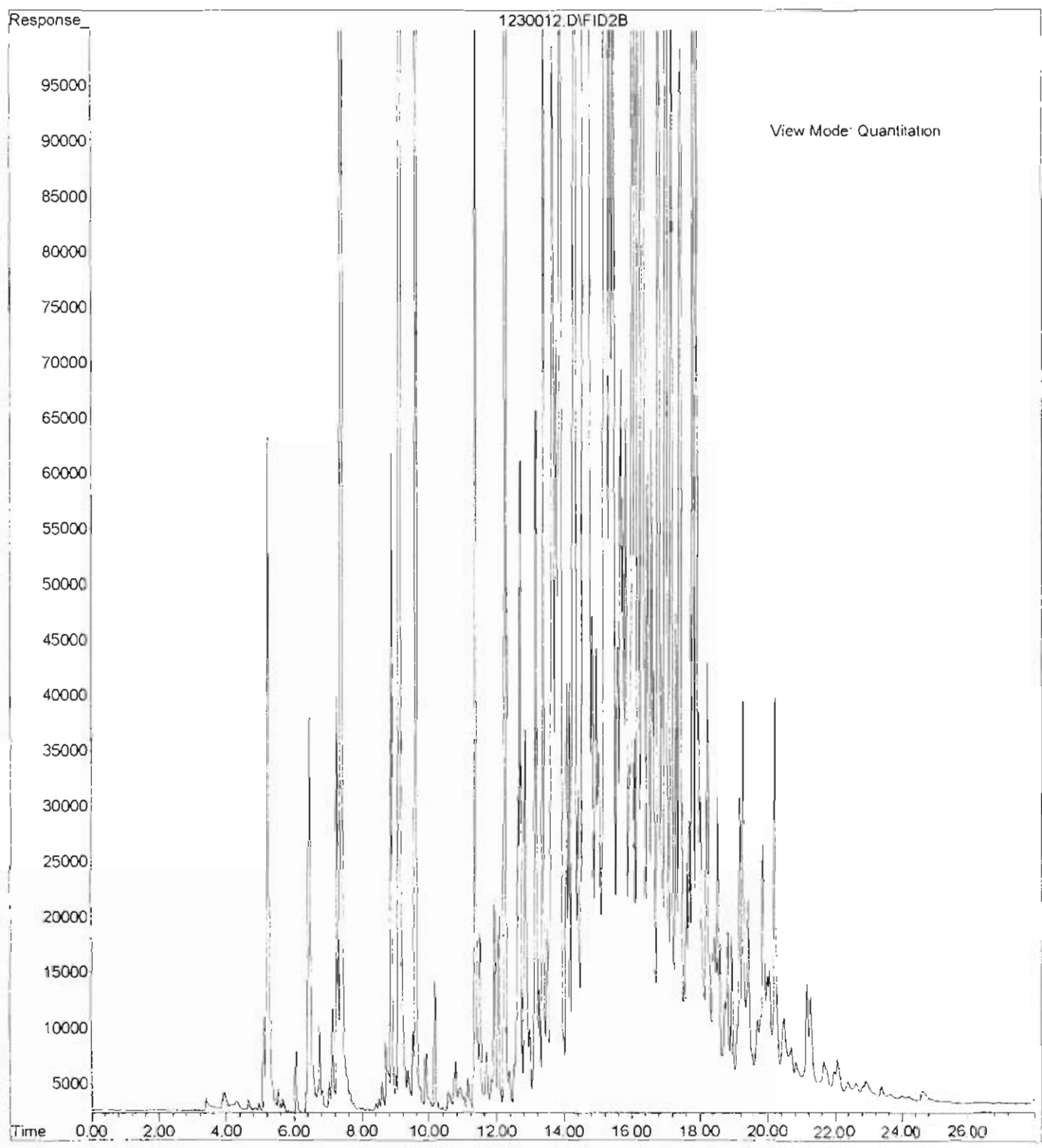




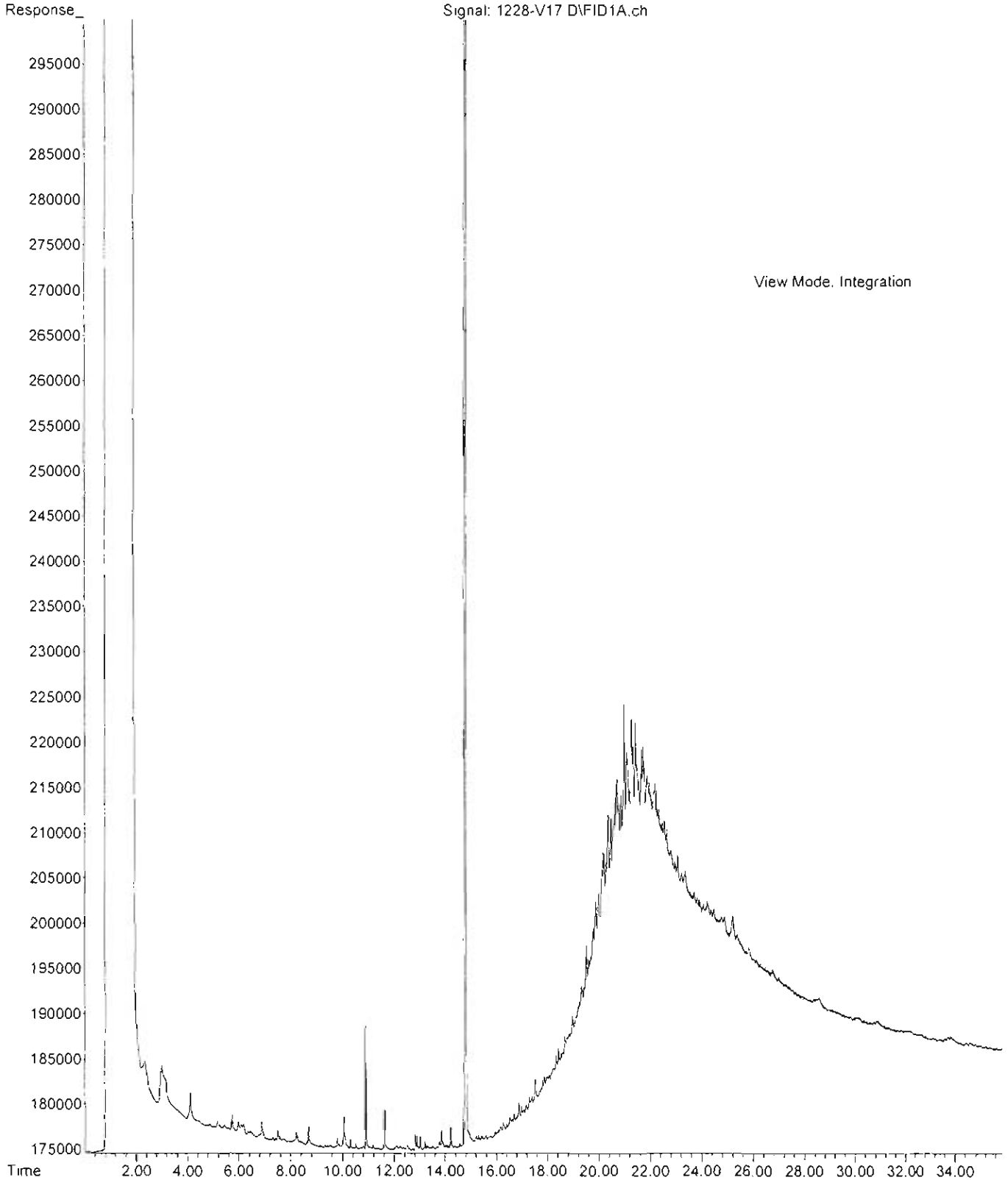
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Instrument : HOPE  
Sample Name: 12-177-27e  
Misc Info : V2-26-24  
Vial Number: 11



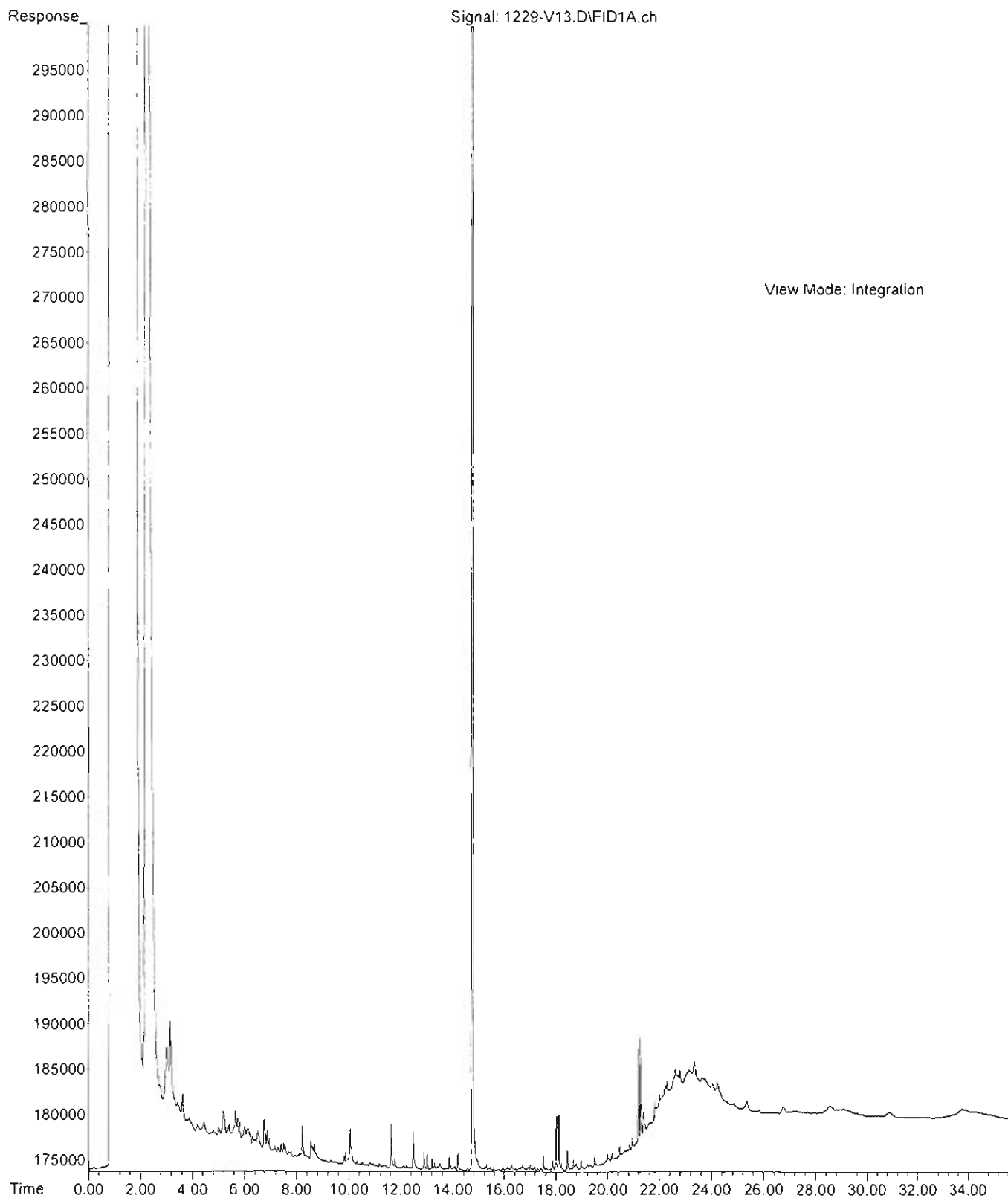
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Operator :  
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Instrument : HOPE  
Sample Name: 12-177-28f  
Misc Info : V2-26-24  
Vial Number: 12



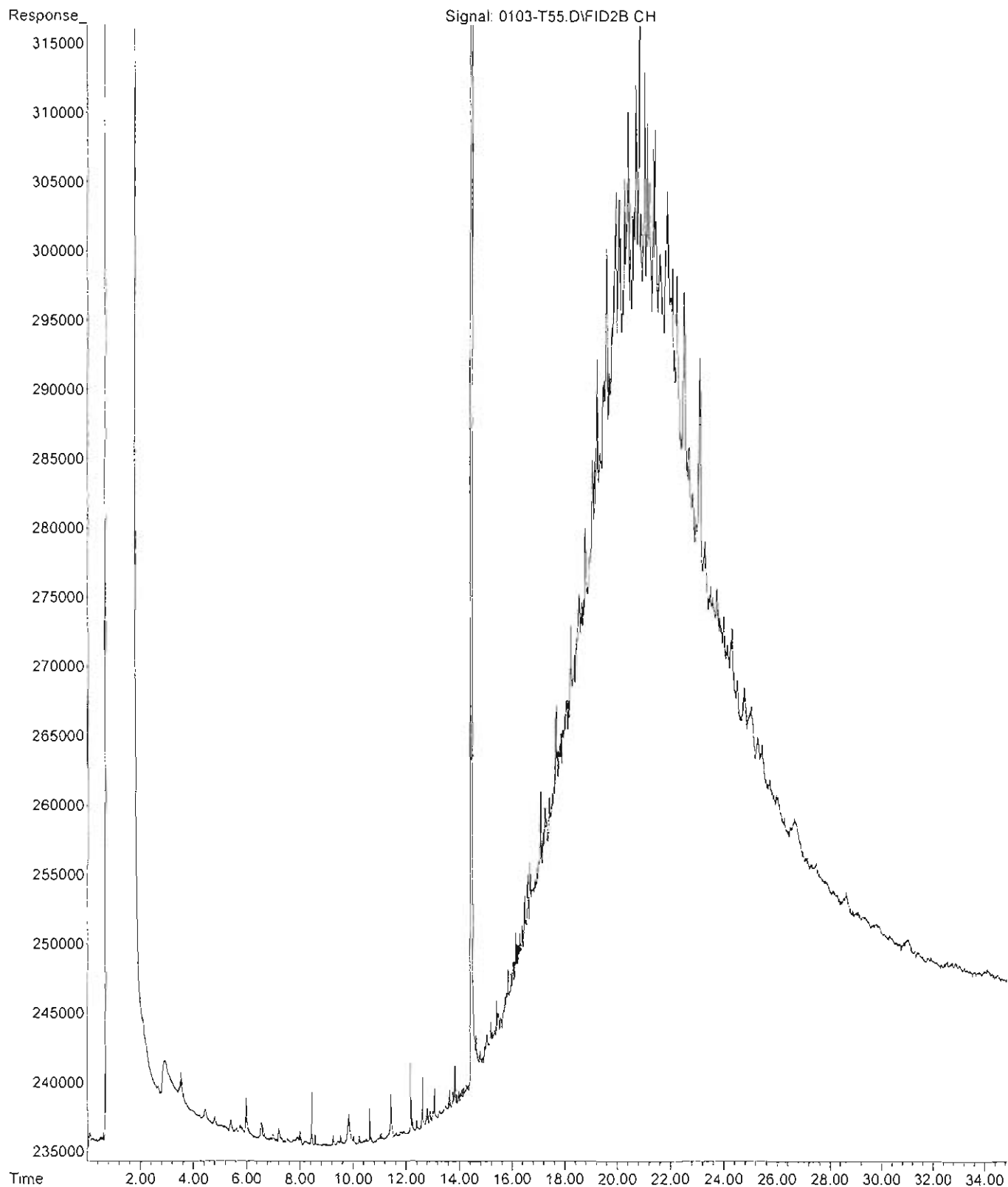
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Operator :  
Acquired : 28 Dec 2011 21:25 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-177-01  
Misc Info :  
Vial Number: 17



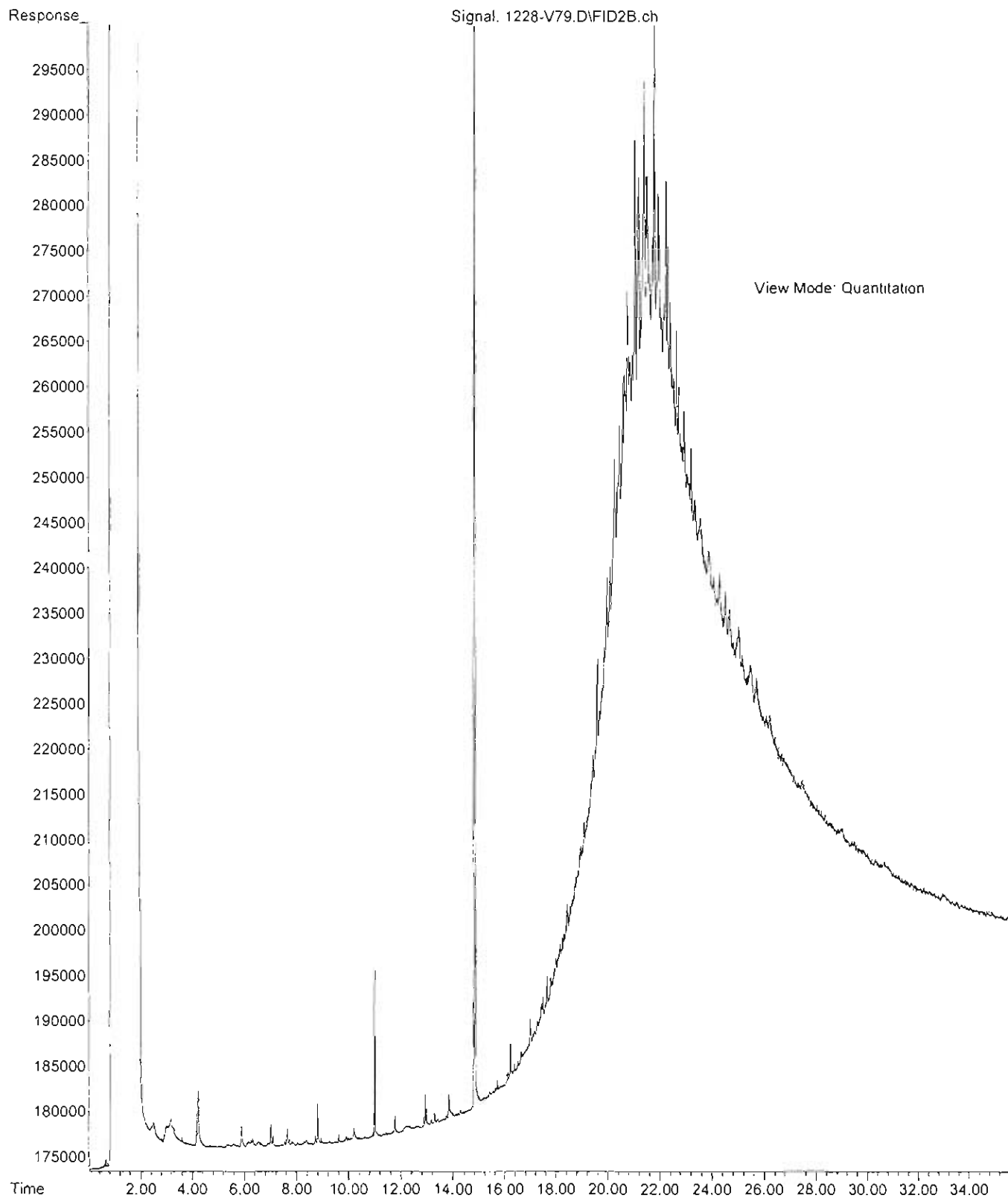
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Operator :  
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Instrument : VIGO  
Sample Name: 12-177-07  
Misc Info :  
Vial Number: 13



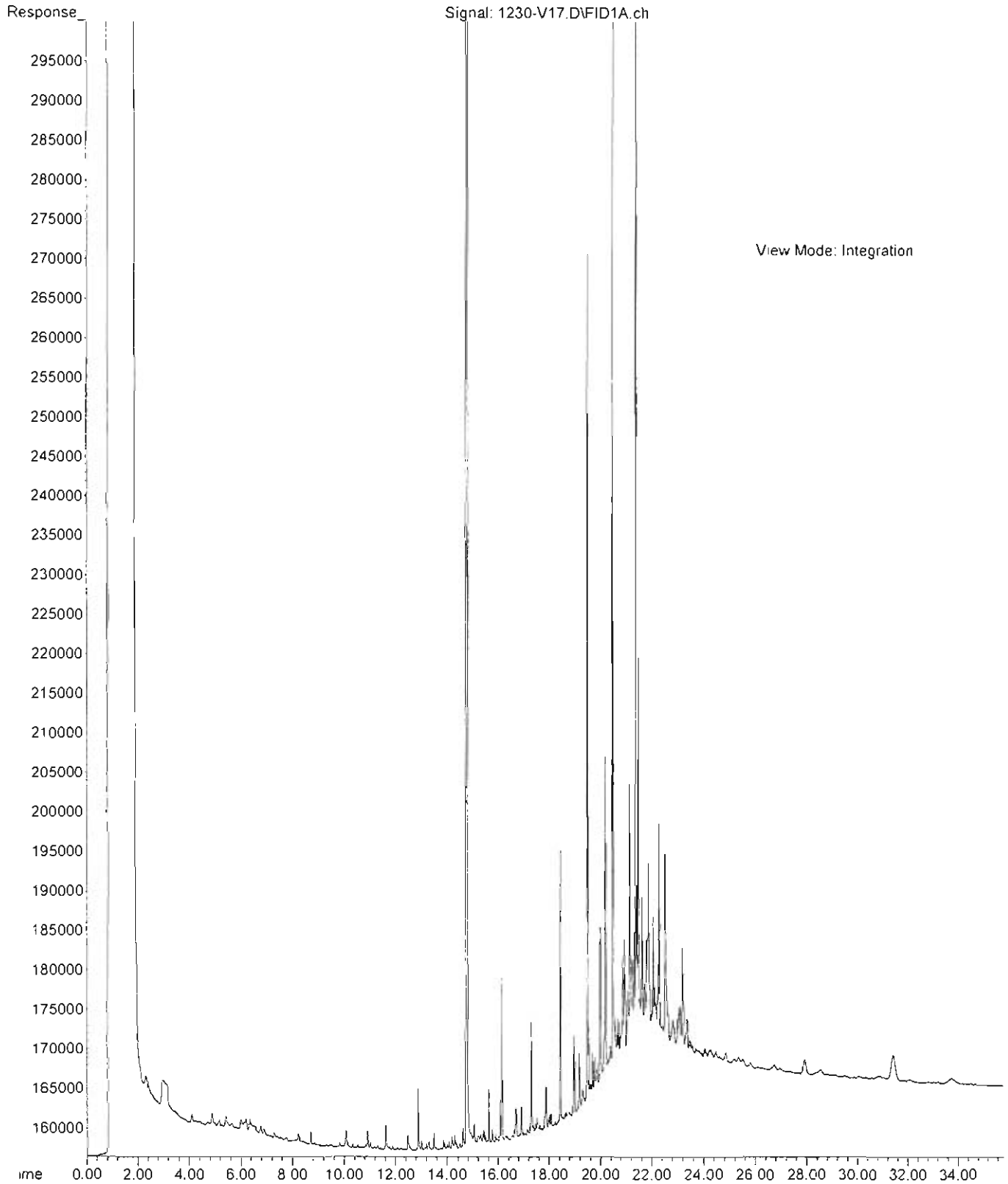
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Operator : ZT  
Acquired : 03 Jan 2012 12:48 using AcqMethod T110816F.M  
Instrument : Teri  
Sample Name: 12-177-09 RC  
Misc Info :  
Vial Number: 55



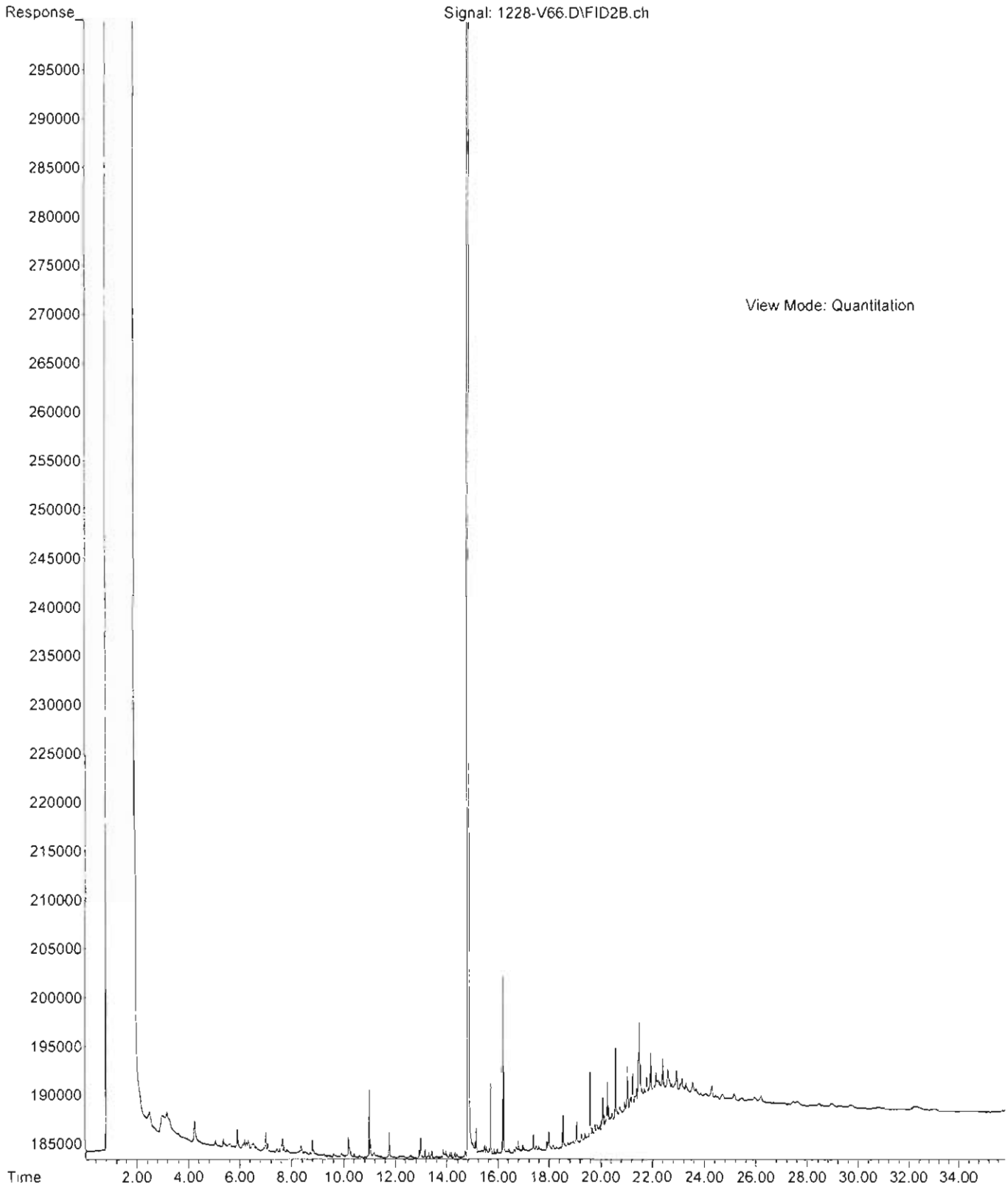
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Instrument : VIGO  
Sample Name: 12-177-14 SX  
Misc Info :  
Vial Number: 79



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Operator :  
Acquired : 30 Dec 2011 21:20 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-177-15  
Misc Info :  
Vial Number: 17

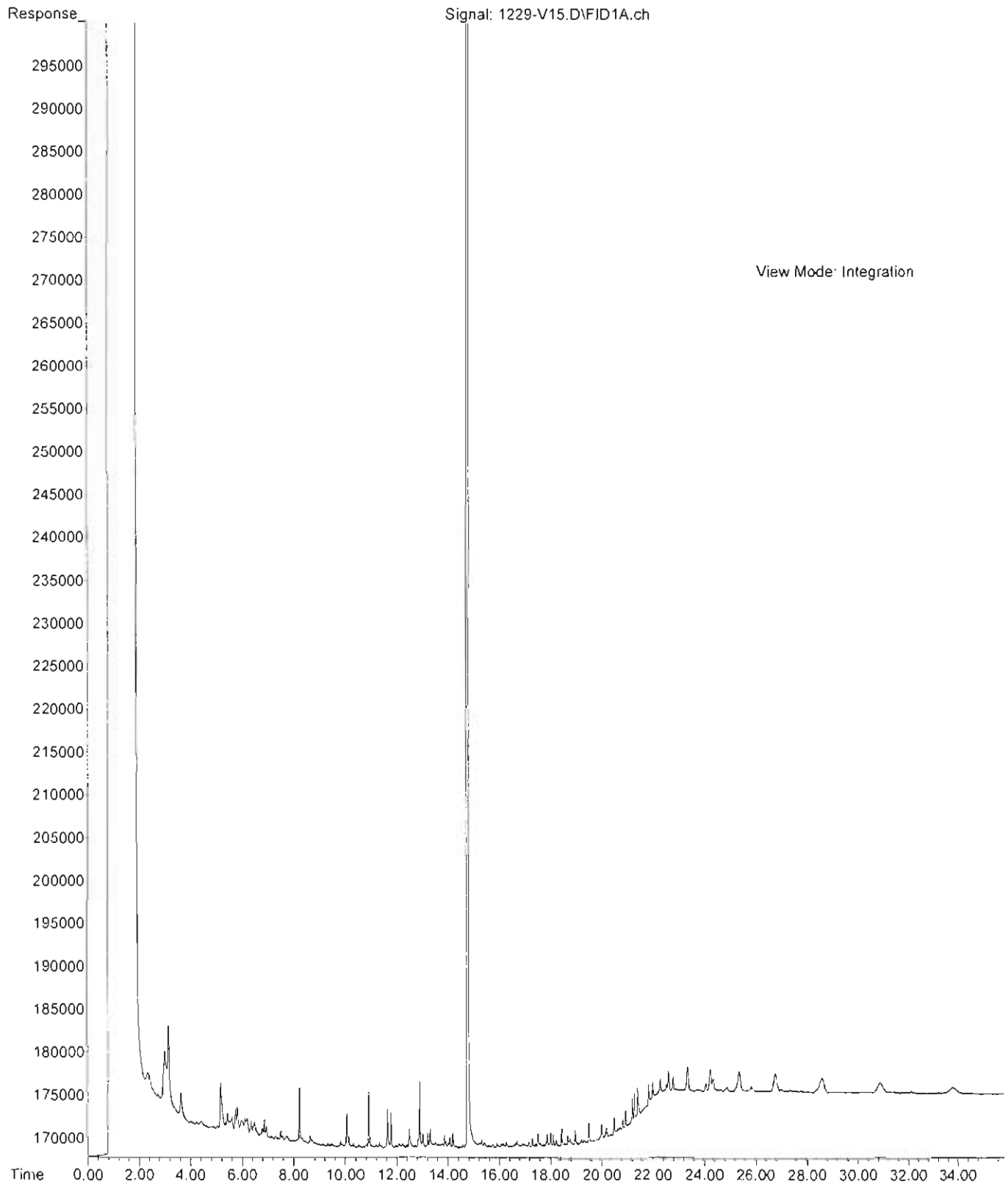


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Operator :  
Acquired : 28 Dec 2011 20:45 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name : 12-177-20  
Misc Info :  
Vial Number : 66

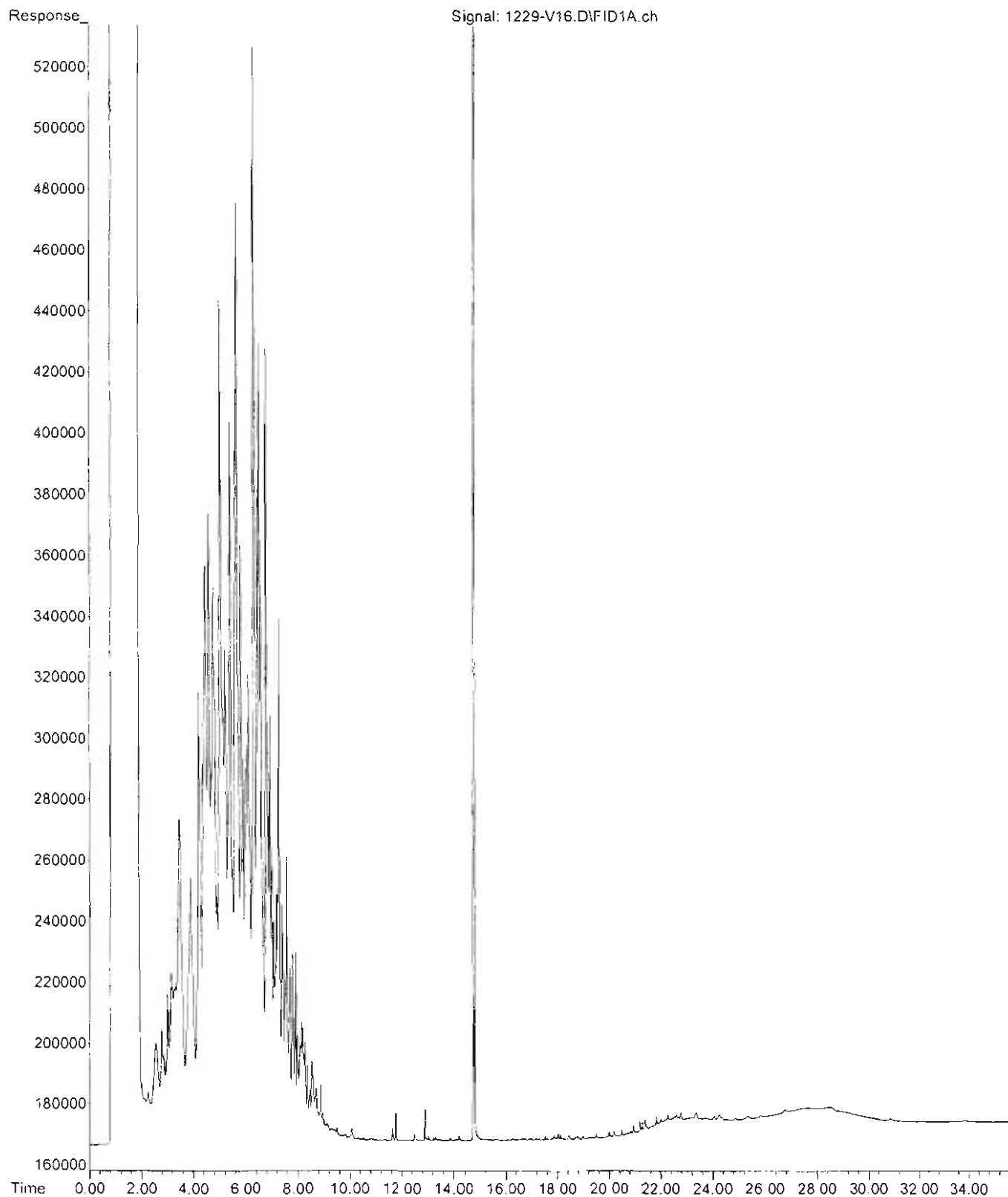




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Operator :  
Acquired : 29 Dec 2011 20:55 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-177-27  
Misc Info :  
Vial Number: 15



File : C:\msdchem\2\DATA\V111229\1229-V16.D  
Operator :  
Acquired : 29 Dec 2011 21:35 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-177-28  
Misc Info :  
Vial Number: 16





14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

January 5, 2012

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-01  
Laboratory Reference No. 1112-156

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on December 20, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right from the end of the signature.

David Baumeister  
Project Manager

Enclosures

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

### Case Narrative

Samples were collected on December 20, 2011 and received by the laboratory on December 20, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx/BTEX (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

The sample chromatogram for B-111E-10.0-122011 is similar to mineral spirits.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

#### Volatiles EPA 8260B (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

#### PAHs EPA 8270D/SIM Analysis

The sample B-105E-1.5-122011 was extracted and analyzed 1 day out of holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

#### ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
B-101E-2.5-122011	12-156-01	Soil	12-20-11	12-20-11	
B-101E-7.5-122011	12-156-02	Soil	12-20-11	12-20-11	
B-104E-122011-GW	12-156-05	Water	12-20-11	12-20-11	
B-104E-7.5-122011	12-156-06	Soil	12-20-11	12-20-11	
B-104E-10.0-122011	12-156-07	Soil	12-20-11	12-20-11	
B-101E-122011-GW	12-156-09	Water	12-20-11	12-20-11	
B-102E-2.5-122011	12-156-10	Soil	12-20-11	12-20-11	
B-105E-1.5-122011	12-156-11	Soil	12-20-11	12-20-11	
B-105E-7.5-122011	12-156-13	Soil	12-20-11	12-20-11	
B-105E-17.0-122011	12-156-14	Soil	12-20-11	12-20-11	
B-111E-10.0-122011	12-156-16	Soil	12-20-11	12-20-11	
B-111E-10.0-122011	12-156-20	Water	12-20-11	12-20-11	

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**NWTPH-HCID**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-7.5-122011</b>					
Laboratory ID:	12-156-02					
Gasoline Range Organics	<b>ND</b>	33	NWTPH-HCID	12-22-11	12-22-11	
Diesel Range Organics	<b>ND</b>	83	NWTPH-HCID	12-22-11	12-22-11	
Lube Oil Range Organics	<b>ND</b>	170	NWTPH-HCID	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	95	50-150				

<b>Client ID:</b>	<b>B-102E-2.5-122011</b>					
Laboratory ID:	12-156-10					
Gasoline Range Organics	<b>ND</b>	29	NWTPH-HCID	12-22-11	12-22-11	
Diesel Range Organics	<b>ND</b>	74	NWTPH-HCID	12-22-11	12-22-11	
Lube Oil Range Organics	<b>ND</b>	150	NWTPH-HCID	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	108	50-150				

<b>Client ID:</b>	<b>B-111E-10.0-122011</b>					
Laboratory ID:	12-156-16					
Gasoline Range Organics	<b>Detected</b>	22	NWTPH-HCID	12-22-11	12-22-11	
Diesel Range Organics	<b>ND</b>	2600	NWTPH-HCID	12-22-11	12-22-11	U1
Lube Oil Range Organics	<b>ND</b>	110	NWTPH-HCID	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	129	50-150				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

### NWTPH-Gx/BTEX

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-2.5-122011</b>					
Laboratory ID:	12-156-01					
Gasoline	<b>ND</b>	5.3	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	68-124				
<b>Client ID:</b>	<b>B-104E-7.5-122011</b>					
Laboratory ID:	12-156-06					
Benzene	<b>ND</b>	0.020	EPA 8021	12-22-11	12-23-11	
Toluene	<b>ND</b>	0.048	EPA 8021	12-22-11	12-23-11	
Ethyl Benzene	<b>ND</b>	0.048	EPA 8021	12-22-11	12-23-11	
m,p-Xylene	<b>ND</b>	0.048	EPA 8021	12-22-11	12-23-11	
o-Xylene	<b>ND</b>	0.048	EPA 8021	12-22-11	12-23-11	
Gasoline	<b>ND</b>	4.8	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	68-124				
<b>Client ID:</b>	<b>B-105E-1.5-122011</b>					
Laboratory ID:	12-156-11					
Gasoline	<b>ND</b>	4.2	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	68-124				
<b>Client ID:</b>	<b>B-105E-7.5-122011</b>					
Laboratory ID:	12-156-13					
Gasoline	<b>ND</b>	5.5	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	68-124				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**NWTPH-Gx**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-10.0-122011</b>					
Laboratory ID:	12-156-16					
Gasoline	<b>8100</b>	290	NWTPH-Gx	12-29-11	12-30-11	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	---	68-124				S



Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**NWTPH-Gx/BTEX**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-104E-122011-GW</b>					
Laboratory ID:	12-156-05					
Benzene	ND	1.0	EPA 8021	12-22-11	12-22-11	
Toluene	1.5	1.0	EPA 8021	12-22-11	12-22-11	
Ethyl Benzene	ND	1.0	EPA 8021	12-22-11	12-22-11	
m,p-Xylene	1.9	1.0	EPA 8021	12-22-11	12-22-11	
o-Xylene	ND	1.0	EPA 8021	12-22-11	12-22-11	
Gasoline	ND	100	NWTPH-Gx	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	73-121				
<b>Client ID:</b>	<b>B-101E-122011-GW</b>					
Laboratory ID:	12-156-09					
Gasoline	ND	100	NWTPH-Gx	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	73-121				
<b>Client ID:</b>	<b>B-105E-122011-GW</b>					
Laboratory ID:	12-156-20					
Gasoline	ND	100	NWTPH-Gx	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	73-121				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-2.5-122011</b>					
Laboratory ID:	12-156-01					
Diesel Range Organics	<b>42</b>	28	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil	<b>130</b>	56	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	106	50-150				

<b>Client ID:</b>	<b>B-104E-7.5-122011</b>					
Laboratory ID:	12-156-06					
Diesel Range Organics	<b>61</b>	29	NWTPH-Dx	12-28-11	12-28-11	N
Lube Oil	<b>690</b>	57	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	105	50-150				

<b>Client ID:</b>	<b>B-105E-1.5-122011</b>					
Laboratory ID:	12-156-11					
Diesel Range Organics	<b>ND</b>	27	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil	<b>140</b>	55	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	121	50-150				

<b>Client ID:</b>	<b>B-105E-7.5-122011</b>					
Laboratory ID:	12-156-13					
Diesel Range Organics	<b>1900</b>	29	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil	<b>270</b>	57	NWTPH-Dx	12-28-11	12-28-11	N1
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	108	50-150				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-104E-10.0-122011</b>					
Laboratory ID:	12-156-07					
Diesel Range Organics	<b>ND</b>	29	NWTPH-Dx	12-30-12	12-30-12	
Lube Oil Range Organics	<b>ND</b>	57	NWTPH-Dx	12-30-12	12-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	95	50-150				
<b>Client ID:</b>	<b>B-105E-17.0-122011</b>					
Laboratory ID:	12-156-14					
Diesel Range Organics	<b>ND</b>	27	NWTPH-Dx	12-30-12	12-30-12	
Lube Oil Range Organics	<b>ND</b>	55	NWTPH-Dx	12-30-12	12-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-104E-122011-GW</b>					
Laboratory ID:	12-156-05					
Diesel Range Organics	<b>ND</b>	0.44	NWTPH-Dx	12-27-11	12-27-11	U1
Lube Oil	<b>1.3</b>	0.48	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	89	50-150				

<b>Client ID:</b>	<b>B-101E-122011-GW</b>					
Laboratory ID:	12-156-09					
Diesel Range Organics	<b>ND</b>	0.28	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil Range Organics	<b>ND</b>	0.44	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	95	50-150				

<b>Client ID:</b>	<b>B-105E-122011-GW</b>					
Laboratory ID:	12-156-20					
Diesel Range Organics	<b>ND</b>	0.27	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil Range Organics	<b>ND</b>	0.43	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	98	50-150				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-2.5-122011</b>					
Laboratory ID:	12-156-01					
Dichlorodifluoromethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0040	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0040	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Acetone	0.11	0.0040	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0040	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0040	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0040	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
2-Butanone	0.016	0.0040	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0040	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0040	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.00080	EPA 8260	12-22-11	12-22-11	

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 Laboratory Reference: 1112-156  
 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-2.5-122011</b>					
Laboratory ID:	12-156-01					
1,1,2-Trichloroethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0040	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0016	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.00080	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0040	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0040	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.00080	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>55-121</i>				

Date of Report: January 5, 2012  
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 Laboratory Reference: 1112-156  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-7.5-122011</b>					
Laboratory ID:	12-156-02					
Dichlorodifluoromethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0084	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0084	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Acetone	0.15	0.0084	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0084	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0084	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0084	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
2-Butanone	0.017	0.0084	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0084	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0084	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0084	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.0017	EPA 8260	12-22-11	12-22-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-7.5-122011</b>					
Laboratory ID:	12-156-02					
1,1,2-Trichloroethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0084	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0034	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.0017	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0084	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0084	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.0017	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>104</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>86</i>	<i>55-121</i>				



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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-105E-1.5-122011</b>					
Laboratory ID:	12-156-11					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Acetone	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0052	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0052	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0052	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-105E-1.5-122011</b>					
Laboratory ID:	12-156-11					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	0.0036	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0021	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0052	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>97</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>55-121</i>				

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 Laboratory Reference: 1112-156  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-105E-7.5-122011</b>					
Laboratory ID:	12-156-13					
Dichlorodifluoromethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Acetone	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0048	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0048	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0048	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260	12-22-11	12-22-11	

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 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-105E-7.5-122011</b>					
Laboratory ID:	12-156-13					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0019	EPA 8260	12-22-11	12-22-11	
o-Xylene	0.0014	0.00095	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	0.015	0.00095	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	0.030	0.00095	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	0.0032	0.00095	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	0.050	0.00095	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	0.047	0.00095	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	0.029	0.00095	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	0.0013	0.00095	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	0.054	0.00095	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0048	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>79</i>	<i>55-121</i>				

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 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-10.0-122011</b>					
Laboratory ID:	12-156-16					
Dichlorodifluoromethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.48	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.097	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.48	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.097	EPA 8260	12-22-11	12-22-11	
Acetone	ND	0.48	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.48	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.097	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.48	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.097	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.48	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.097	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.097	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	0.48	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.097	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.48	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.097	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.48	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.48	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.097	EPA 8260	12-22-11	12-22-11	

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 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-111E-10.0-122011</b>					
<b>Laboratory ID:</b>	<b>12-156-16</b>					
1,1,2-Trichloroethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.097	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.48	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	0.24	0.097	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.19	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.097	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.097	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.097	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	2.1	0.097	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.097	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	5.5	0.097	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.097	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	0.28	0.097	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	10	0.097	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	4.8	0.097	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	3.3	0.097	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	0.11	0.097	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	3.4	0.097	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.48	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.48	EPA 8260	12-22-11	12-22-11	
Naphthalene	0.13	0.097	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.097	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>82</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>92</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>55-121</i>				

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 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-122011-GW</b>					
Laboratory ID:	12-156-09					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Acetone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Toluene	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-101E-122011-GW</b>					
Laboratory ID:	12-156-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	0.34	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	0.71	0.40	EPA 8260	12-22-11	12-22-11	
o-Xylene	0.29	0.20	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	1.0	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	0.34	0.20	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>83</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>84</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-120</i>				



Date of Report: January 5, 2012  
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 Laboratory Reference: 1112-156  
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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-105E-122011-GW</b>					
Laboratory ID:	12-156-20					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Acetone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	1.0	0.20	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Trichloroethene	0.37	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Toluene	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-105E-122011-GW</b>					
Laboratory ID:	12-156-20					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	0.38	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	0.48	0.40	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	1.0	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	0.26	0.20	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>85</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>85</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>86</i>	<i>65-120</i>				

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**PAHs by EPA 8270D/SIM  
 (with silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-105E-1.5-122011</b>					
Laboratory ID:	12-156-11					
Naphthalene	ND	0.073	EPA 8270/SIM	1-4-12	1-5-12	
2-Methylnaphthalene	ND	0.073	EPA 8270/SIM	1-4-12	1-5-12	
1-Methylnaphthalene	ND	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Acenaphthylene	ND	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Acenaphthene	ND	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Fluorene	ND	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Phenanthrene	1.5	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Anthracene	0.26	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Fluoranthene	2.1	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Pyrene	6.1	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Benzo[a]anthracene	8.0	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Chrysene	7.7	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Benzo[b]fluoranthene	3.8	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Benzo(j,k)fluoranthene	1.0	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Benzo[a]pyrene	9.0	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Indeno(1,2,3-c,d)pyrene	2.5	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Dibenz[a,h]anthracene	1.6	0.073	EPA 8270/SIM	1-4-12	1-5-12	
Benzo[g,h,i]perylene	5.5	0.073	EPA 8270/SIM	1-4-12	1-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	68	43 - 109				
<i>Pyrene-d10</i>	82	38 - 128				
<i>Terphenyl-d14</i>	76	33 - 119				

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**TOTAL LEAD  
 EPA 6010B**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-156-01					
<b>Client ID:</b>	<b>B-101E-2.5-122011</b>					
Lead	<b>16</b>	5.6	6010B	12-22-11	12-22-11	
Lab ID:	12-156-02					
<b>Client ID:</b>	<b>B-101E-7.5-122011</b>					
Lead	<b>ND</b>	8.3	6010B	12-22-11	12-22-11	
Lab ID:	12-156-06					
<b>Client ID:</b>	<b>B-104E-7.5-122011</b>					
Lead	<b>31</b>	5.7	6010B	12-22-11	12-22-11	
Lab ID:	12-156-10					
<b>Client ID:</b>	<b>B-102E-2.5-122011</b>					
Lead	<b>ND</b>	7.4	6010B	12-22-11	12-22-11	
Lab ID:	12-156-11					
<b>Client ID:</b>	<b>B-105E-1.5-122011</b>					
Lead	<b>7.0</b>	5.5	6010B	12-22-11	12-22-11	
Lab ID:	12-156-13					
<b>Client ID:</b>	<b>B-105E-7.5-122011</b>					
Lead	<b>17</b>	5.7	6010B	12-22-11	12-22-11	

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**TOTAL LEAD  
 EPA 200.8**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	12-156-05					
<b>Client ID:</b>	<b>B-104E-122011-GW</b>					
Lead	<b>120</b>	1.1	200.8	12-28-11	12-28-11	
Lab ID:	12-156-09					
<b>Client ID:</b>	<b>B-101E-122011-GW</b>					
Lead	<b>24</b>	1.1	200.8	12-28-11	12-28-11	
Lab ID:	12-156-20					
<b>Client ID:</b>	<b>B-105E-122011-GW</b>					
Lead	<b>42</b>	1.1	200.8	12-28-11	12-28-11	

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 Project: 0526-170-01

**NWTPH-HCID  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1221S1					
Gasoline Range Organics	<b>ND</b>	20	NWTPH-HCID	12-21-11	12-22-11	
Diesel Range Organics	<b>ND</b>	50	NWTPH-HCID	12-21-11	12-22-11	
Lube Oil Range Organics	<b>ND</b>	100	NWTPH-HCID	12-21-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	96	50-150				

Date of Report: January 5, 2012  
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 Project: 0526-170-01

**NWTPH-Gx/BTEX  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1222S1					
Benzene	ND	0.020	EPA 8021	12-22-11	12-23-11	
Toluene	ND	0.050	EPA 8021	12-22-11	12-23-11	
Ethyl Benzene	ND	0.050	EPA 8021	12-22-11	12-23-11	
m,p-Xylene	ND	0.050	EPA 8021	12-22-11	12-23-11	
o-Xylene	ND	0.050	EPA 8021	12-22-11	12-23-11	
Gasoline	ND	5.0	NWTPH-Gx	12-22-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	68-124				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-137-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				94	96	68-124		

**SPIKE BLANKS**

Laboratory ID:	SB1222S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	0.828	0.787	1.00	1.00	83	79	77-114	5	9
Toluene	0.853	0.816	1.00	1.00	85	82	80-115	4	9
Ethyl Benzene	0.843	0.817	1.00	1.00	84	82	80-118	3	9
m,p-Xylene	0.865	0.838	1.00	1.00	87	84	82-118	3	9
o-Xylene	0.855	0.840	1.00	1.00	86	84	82-116	2	9
<i>Surrogate:</i>									
<i>Fluorobenzene</i>					90	87	68-124		

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**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1229S1					
Gasoline	<b>ND</b>	5.0	NWTPH-Gx	12-29-11	12-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	68-124				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-098-18							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				91	95	68-124		



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**NWTPH-Gx/BTEX  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1222W2					
Benzene	ND	1.0	EPA 8021	12-22-11	12-22-11	
Toluene	ND	1.0	EPA 8021	12-22-11	12-22-11	
Ethyl Benzene	ND	1.0	EPA 8021	12-22-11	12-22-11	
m,p-Xylene	ND	1.0	EPA 8021	12-22-11	12-22-11	
o-Xylene	ND	1.0	EPA 8021	12-22-11	12-22-11	
Gasoline	ND	100	NWTPH-Gx	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	73-121				

Laboratory ID:	MB1223W1					
Benzene	ND	1.0	EPA 8021	12-23-11	12-23-11	
Toluene	ND	1.0	EPA 8021	12-23-11	12-23-11	
Ethyl Benzene	ND	1.0	EPA 8021	12-23-11	12-23-11	
m,p-Xylene	ND	1.0	EPA 8021	12-23-11	12-23-11	
o-Xylene	ND	1.0	EPA 8021	12-23-11	12-23-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-150-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				94	94	73-121		

<b>MATRIX SPIKES</b>										
Laboratory ID:	12-083-05									
	MS	MSD	MS	MSD	MS	MSD				
Benzene	46.6	46.9	50.0	50.0	ND	93	94	82-120	1	8
Toluene	46.3	47.3	50.0	50.0	ND	93	95	84-119	2	8
Ethyl Benzene	46.3	47.4	50.0	50.0	ND	93	95	84-122	2	9
m,p-Xylene	45.1	47.5	50.0	50.0	ND	90	95	85-121	5	9
o-Xylene	45.8	46.8	50.0	50.0	ND	92	94	84-121	2	9
<i>Surrogate:</i>										
<i>Fluorobenzene</i>					95	94	73-121			

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**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1228S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	12-28-11	12-28-11	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	12-28-11	12-28-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	117	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-156-01					
	ORIG	DUP				
Diesel Range Organics	<b>37.9</b>	<b>39.3</b>		4	NA	
Lube Oil	<b>117</b>	<b>90.5</b>		26	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			106 96	50-150		

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**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1230S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	12-30-12	12-30-12	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	12-30-12	12-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>94</i>	<i>50-150</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-210-08					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>			NA	NA
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>			NA	NA
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			80 85	50-150		

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**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1227W1					
Diesel Range Organics	<b>ND</b>	0.25	NWTPH-Dx	12-27-11	12-27-11	
Lube Oil Range Organics	<b>ND</b>	0.40	NWTPH-Dx	12-27-11	12-27-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>94</i>	<i>50-150</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-166-02					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	U1
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			95 80	50-150		

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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1222S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Acetone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	0.0050	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Toluene	ND	0.0050	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	12-22-11	12-22-11	

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB1222S1				
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.0020	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.0050	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>55-121</i>				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1222S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0578</b>	<b>0.0590</b>	0.0500	0.0500	116	118	70-130	2	19	
Benzene	<b>0.0547</b>	<b>0.0533</b>	0.0500	0.0500	109	107	70-125	3	15	
Trichloroethene	<b>0.0481</b>	<b>0.0470</b>	0.0500	0.0500	96	94	70-122	2	14	
Toluene	<b>0.0488</b>	<b>0.0490</b>	0.0500	0.0500	98	98	73-120	0	16	
Chlorobenzene	<b>0.0442</b>	<b>0.0436</b>	0.0500	0.0500	88	87	74-109	1	12	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					85	84	63-127			
<i>Toluene-d8</i>					85	90	65-129			
<i>4-Bromofluorobenzene</i>					85	90	55-121			

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1222W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloromethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Vinyl Chloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Acetone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Iodomethane	ND	1.0	EPA 8260	12-22-11	12-22-11	
Carbon Disulfide	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methylene Chloride	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Vinyl Acetate	ND	2.0	EPA 8260	12-22-11	12-22-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Butanone	ND	5.0	EPA 8260	12-22-11	12-22-11	
Bromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chloroform	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Benzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Trichloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Dibromomethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromodichloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	12-22-11	12-22-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Toluene	ND	1.0	EPA 8260	12-22-11	12-22-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	12-22-11	12-22-11	



Date of Report: January 5, 2012  
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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1222W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Tetrachloroethene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Hexanone	ND	2.0	EPA 8260	12-22-11	12-22-11	
Dibromochloromethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Chlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
Ethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
m,p-Xylene	ND	0.40	EPA 8260	12-22-11	12-22-11	
o-Xylene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Styrene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromoform	ND	1.0	EPA 8260	12-22-11	12-22-11	
Isopropylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Bromobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Propylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
2-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
4-Chlorotoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
tert-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
sec-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
n-Butylbenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	12-22-11	12-22-11	
Naphthalene	ND	1.0	EPA 8260	12-22-11	12-22-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	12-22-11	12-22-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>80</i>	<i>68-120</i>				
<i>Toluene-d8</i>	<i>84</i>	<i>73-120</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>65-120</i>				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 MS/MSD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD		Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	12-150-02										
1,1-Dichloroethene	11.2	11.2	10.0	10.0	ND	112	112	70-130	0	12	
Benzene	10.1	10.4	10.0	10.0	ND	101	104	75-123	3	11	
Trichloroethene	9.58	9.45	10.0	10.0	ND	96	95	80-117	1	14	
Toluene	9.90	9.64	10.0	10.0	ND	99	96	80-115	3	12	
Chlorobenzene	10.1	10.2	10.0	10.0	ND	101	102	80-117	1	13	
<i>Surrogate:</i>											
<i>Dibromofluoromethane</i>						80	82	68-120			
<i>Toluene-d8</i>						82	82	73-120			
<i>4-Bromofluorobenzene</i>						82	84	65-120			

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 METHOD BLANK QUALITY CONTROL  
 (with silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0104S2					
Naphthalene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Acenaphthene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Fluorene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Phenanthrene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Anthracene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Fluoranthene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Pyrene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Chrysene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Benzo(j,k)fluoranthene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	1-4-12	1-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>70</i>	<i>43 - 109</i>				
<i>Pyrene-d10</i>	<i>73</i>	<i>38 - 128</i>				
<i>Terphenyl-d14</i>	<i>72</i>	<i>33 - 119</i>				

Date of Report: January 5, 2012  
 Samples Submitted: December 20, 2011  
 Laboratory Reference: 1112-156  
 Project: 0526-170-01

**PAHs by EPA 8270D/SIM  
 MS/MSD QUALITY CONTROL  
 (with silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	01-012-01										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	<b>0.0420</b>	<b>0.0465</b>	0.0833	0.0833	ND	50	56	39 - 110	10	21	
Acenaphthylene	<b>0.0421</b>	<b>0.0458</b>	0.0833	0.0833	ND	51	55	47 - 124	8	21	
Acenaphthene	<b>0.0424</b>	<b>0.0458</b>	0.0833	0.0833	ND	51	55	50 - 120	8	20	
Fluorene	<b>0.0442</b>	<b>0.0476</b>	0.0833	0.0833	ND	53	57	52 - 126	7	21	
Phenanthrene	<b>0.0427</b>	<b>0.0467</b>	0.0833	0.0833	ND	51	56	41 - 130	9	22	
Anthracene	<b>0.0403</b>	<b>0.0446</b>	0.0833	0.0833	ND	48	54	48 - 124	10	23	
Fluoranthene	<b>0.0426</b>	<b>0.0474</b>	0.0833	0.0833	ND	51	57	40 - 137	11	23	
Pyrene	<b>0.0434</b>	<b>0.0473</b>	0.0833	0.0833	ND	52	57	36 - 139	9	23	
Benzo[a]anthracene	<b>0.0516</b>	<b>0.0571</b>	0.0833	0.0833	ND	62	69	43 - 127	10	21	
Chrysene	<b>0.0433</b>	<b>0.0482</b>	0.0833	0.0833	ND	52	58	41 - 133	11	19	
Benzo[b]fluoranthene	<b>0.0413</b>	<b>0.0439</b>	0.0833	0.0833	ND	50	53	40 - 132	6	25	
Benzo(j,k)fluoranthene	<b>0.0387</b>	<b>0.0442</b>	0.0833	0.0833	ND	46	53	35 - 132	13	25	
Benzo[a]pyrene	<b>0.0399</b>	<b>0.0428</b>	0.0833	0.0833	ND	48	51	37 - 131	7	26	
Indeno(1,2,3-c,d)pyrene	<b>0.0468</b>	<b>0.0498</b>	0.0833	0.0833	ND	56	60	39 - 134	6	23	
Dibenz[a,h]anthracene	<b>0.0472</b>	<b>0.0516</b>	0.0833	0.0833	ND	57	62	40 - 137	9	21	
Benzo[g,h,i]perylene	<b>0.0501</b>	<b>0.0537</b>	0.0833	0.0833	ND	60	64	35 - 135	7	22	
<i>Surrogate:</i>											
2-Fluorobiphenyl						46	50	43 - 109			
Pyrene-d10						51	56	38 - 128			
Terphenyl-d14						47	53	33 - 119			

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-22-11  
Date Analyzed: 12-22-11  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: MB1222SM2

Analyte	Method	Result	PQL
Lead	6010B	<b>ND</b>	5.0

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
DUPLICATE QUALITY CONTROL**

Date Extracted: 12-22-11  
Date Analyzed: 12-22-11  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: 12-137-06

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	<b>ND</b>	<b>ND</b>	NA	5.0	

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

**TOTAL LEAD  
EPA 6010B  
MS/MSD QUALITY CONTROL**

Date Extracted: 12-22-11

Date Analyzed: 12-22-11

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 12-137-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	<b>228</b>	91	<b>227</b>	91	0	

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

**TOTAL LEAD  
EPA 200.8  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11  
  
Matrix: Water  
Units: ug/L (ppb)  
  
Lab ID: MB1228WM1

Analyte	Method	Result	PQL
Lead	200.8	<b>ND</b>	1.1



Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

**TOTAL LEAD  
EPA 200.8  
DUPLICATE QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11

Matrix: Water  
Units: ug/L (ppb)

Lab ID: 12-197-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	<b>ND</b>	<b>ND</b>	NA	1.1	

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

**TOTAL LEAD  
EPA 200.8  
MS/MSD QUALITY CONTROL**

Date Extracted: 12-28-11  
Date Analyzed: 12-28-11

Matrix: Water  
Units: ug/L (ppb)

Lab ID: 12-197-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	111	<b>100</b>	91	<b>102</b>	92	2	

Date of Report: January 5, 2012  
Samples Submitted: December 20, 2011  
Laboratory Reference: 1112-156  
Project: 0526-170-01

**% MOISTURE**

Date Analyzed: 12-22&30-11

Client ID	Lab ID	% Moisture
B-101E-2.5-122011	12-156-01	10
B-101E-7.5-122011	12-156-02	40
B-104E-7.5-122011	12-156-06	12
B-104E-10.0-122011	12-156-07	12
B-102E-2.5-122011	12-156-10	32
B-105E-1.5-122011	12-156-11	9
B-105E-7.5-122011	12-156-13	13
B-105E-17.0-122011	12-156-14	8
B-111E-10.0-122011	12-156-16	8



#### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - Y - Sample extract treated with an acid/silica gel cleanup procedure.
  - Z - The sample chromatogram is similar to mineral spirits.
- ND - Not Detected at PQL  
PQL - Practical Quantitation Limit  
RPD - Relative Percent Difference

# Chain of Custody

Turnaround Request (in working days)		Laboratory Number: <b>12-156</b>																					
<input type="checkbox"/> Same Day <input type="checkbox"/> 2 Days <input checked="" type="checkbox"/> Standard (7 Days) (TPH analysis 5 Days)		<input type="checkbox"/> (Check One) <input type="checkbox"/> 1 Day <input type="checkbox"/> 3 Days																					
<input type="checkbox"/> (other)		<input type="checkbox"/> (other)																					
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NW/TPH-HCID	NW/TPH-GX/BTEX	NW/TPH-GX	NW/TPH-DX	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total FCRA Metals	Total MTCA Metals	TCLP Metals	HCM (oil and grease) 1664	% Moisture	
1	B-101E-2.5-122011	12/29/11	1030	S	5																		
2	B-101E-7.5-122011		1255	S	5																		
3	B-101E-10.0-122011		1300	S	1																		
4	B-101E-12.5-122011		1310	S	1																		
5	B-104E- <del>12.5</del> -122011-GW		0910	GW	7																		
6	B-104E-7.5-122011		0830	S	2																		
7	B-104E-10.0-122011		0835	S	2																		
8	B-104E-13.0-122011		0845	S	2																		
9	B-101E-122011-GW		1240	GW	10																		
10	B-102E-2.5-122011		1510	S	2																		
Relinquished		Signature		Company		Date		Time		Comments/Special Instructions													
Received				GET		12/20/11		1822		Added 12/21/11 - DB (STA)													
Relinquished				SPE		12/20/11		1822															
Received																							
Relinquished																							
Received																							
Reviewed/Date		Reviewed/Date		Reviewed/Date		Reviewed/Date		Reviewed/Date		Chromatograms with final report <input type="checkbox"/>													



# Chain of Custody

Company: **GED ENGINEERS**  
 Environmental Inc.  
 14543 NE 55th Street • Redmond, WA 98052  
 Phone: (425) 860-3861 • www.onsite-env.com

Project Number: 0526-170-01  
 Project Name: 120th AVENUE WIDENING  
 Project Manager: JACOB LETTIS  
 Sampled by: FASIH KHAN

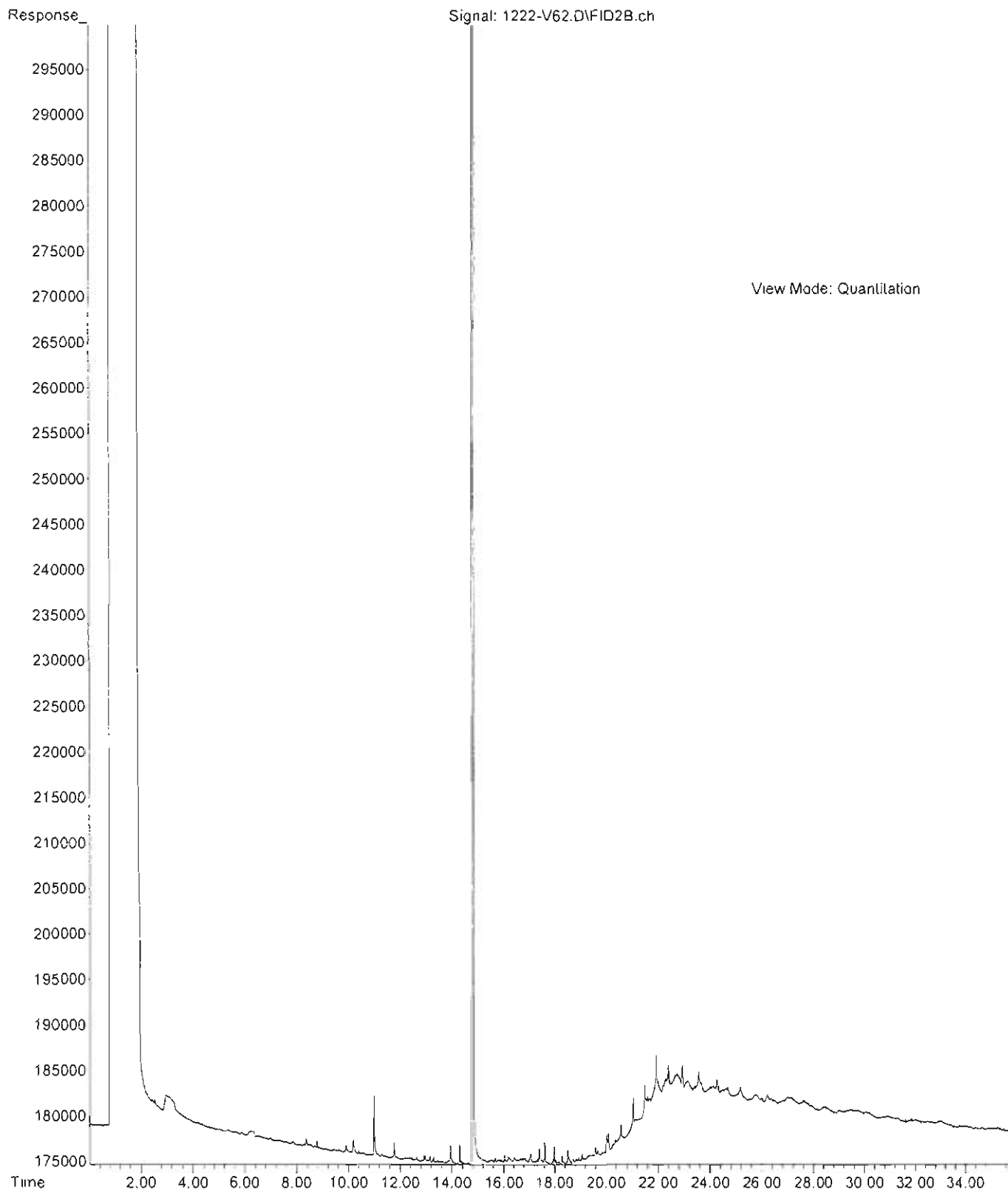
Turnaround Request (in working days)  
 Same Day  1 Day  
 2 Days  3 Days  
 Standard (7 Days) (TPH analysis 5 Days)  
 (other)

Laboratory Number: **12-156**

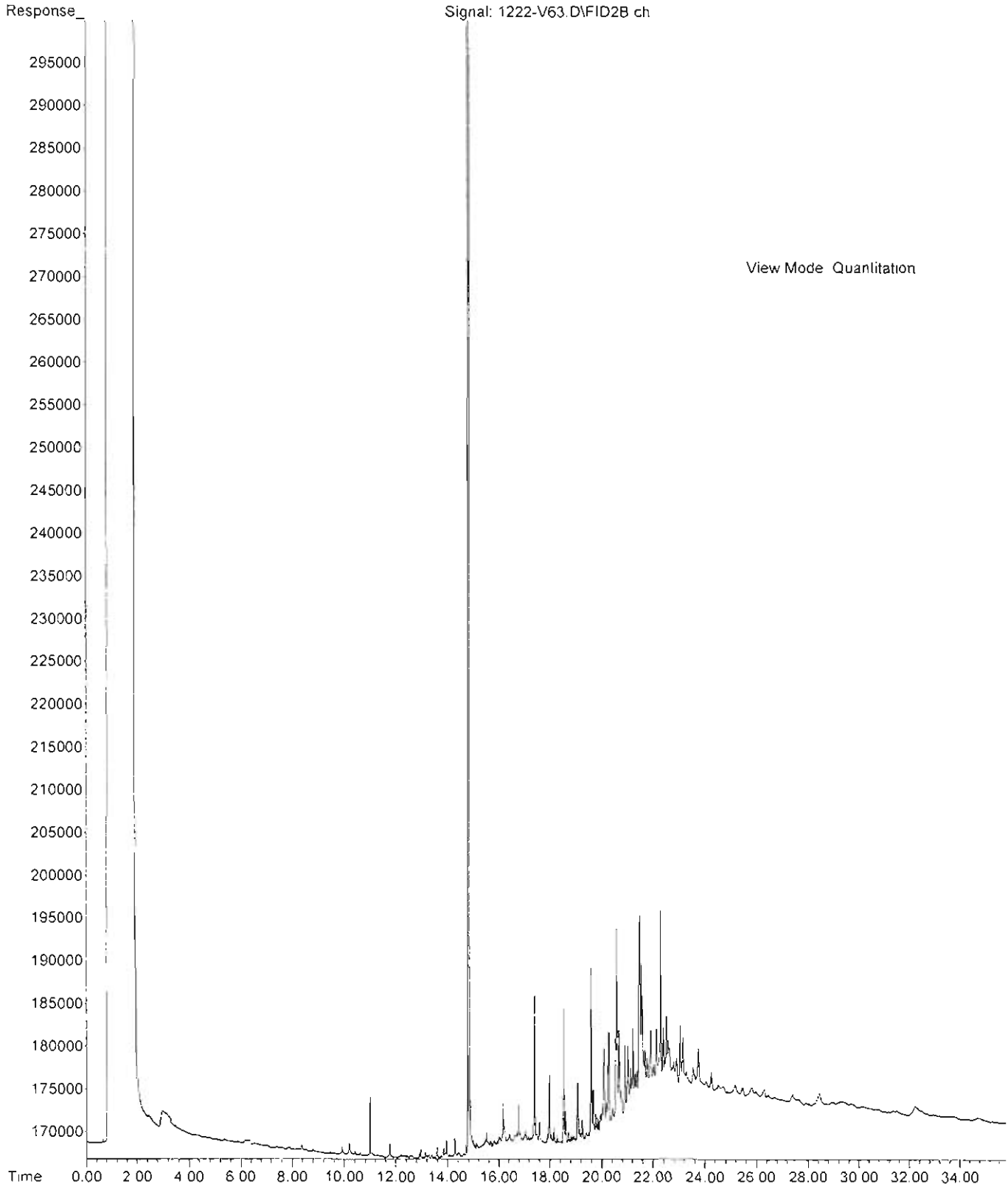
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-GXBTX	NWTPH-DX	Volatiles B260B	Halogenated Volatiles B260B	Semivolatiles B270D/SIM (with low-level PAHs)	PAHs B270D/SIM (low-level)	PCBs 6082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total PCBs-MICA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	% Moisture		
11	B-105E-1.5-122011	12/20/11	1330	S	5																X	
12	B-105E-2.5-122011		0920	S	1																	X
13	B-105E-7.5-122011		1345	S	5																	X
14	B-105E-17.0-122011		1405	S	1																	X
15	B-111E-7.5-122011		1125	S	1																	X
16	B-111E-10.0-122011		1130	S	5																	X
17	B-111E-12.5-122011		1135	S	1																	X
18	B-111E-15.0-122011		1140	S	1																	X
19	B-111E-19.0-122011		1147	S	1																	X
20	B-105E-122011-GW		1450	GW	14																	X

Signature	Date	Time	Comments/Special Instructions
	12/20/11	1822	X Added 12/21/11 DB (STA)
	12/20/11	1822	X Added 12/21/11 DB STA

File : C:\msdchem\2\DATA\V111222.SEC\1222-V62.D  
Operator :  
Acquired : 22 Dec 2011 18:02 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-156-02 HC  
Misc Info :  
Vial Number: 62

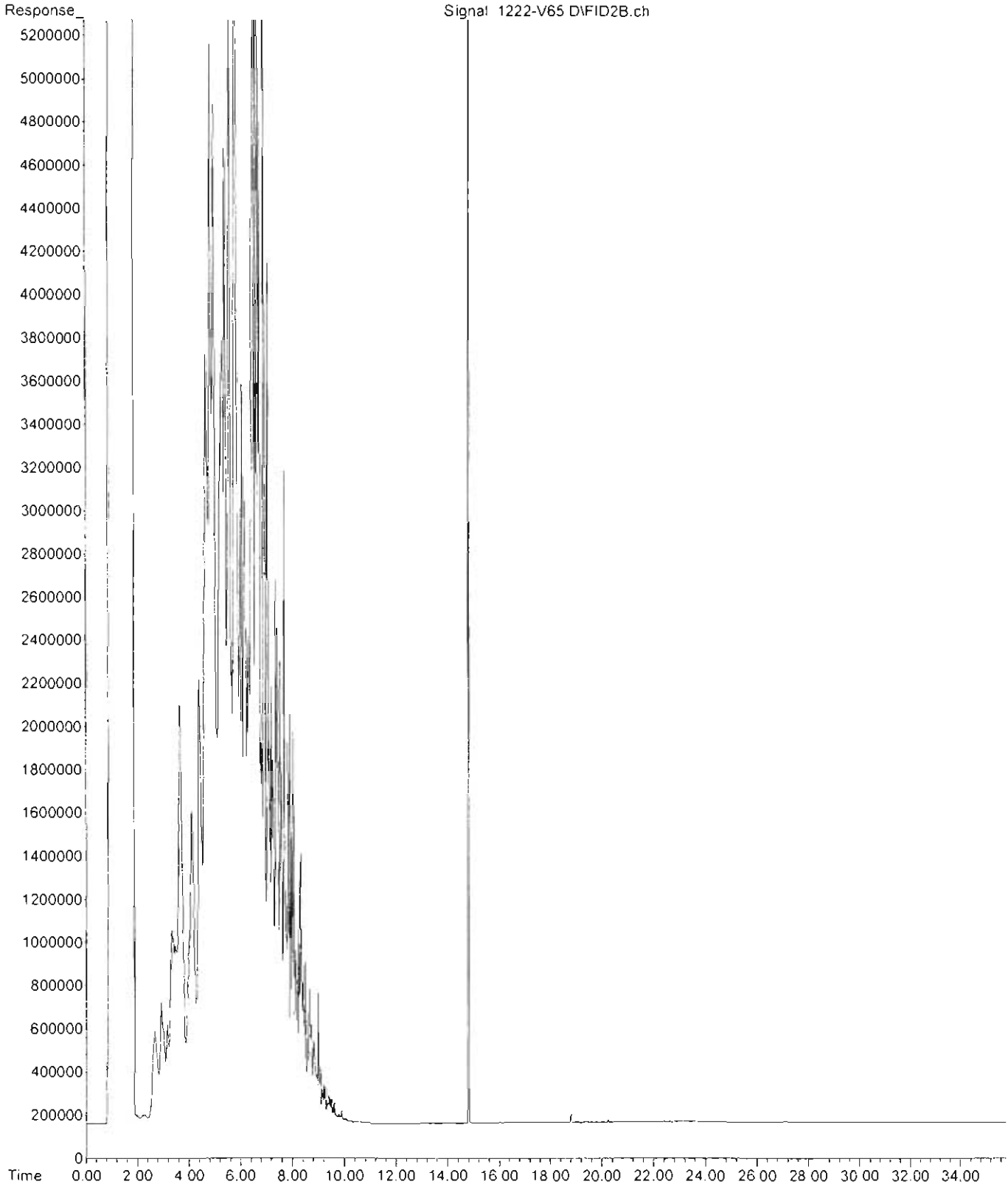


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Operator :  
Acquired : 22 Dec 2011 18:42 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-156-10 HC  
Misc Info :  
Vial Number: 63

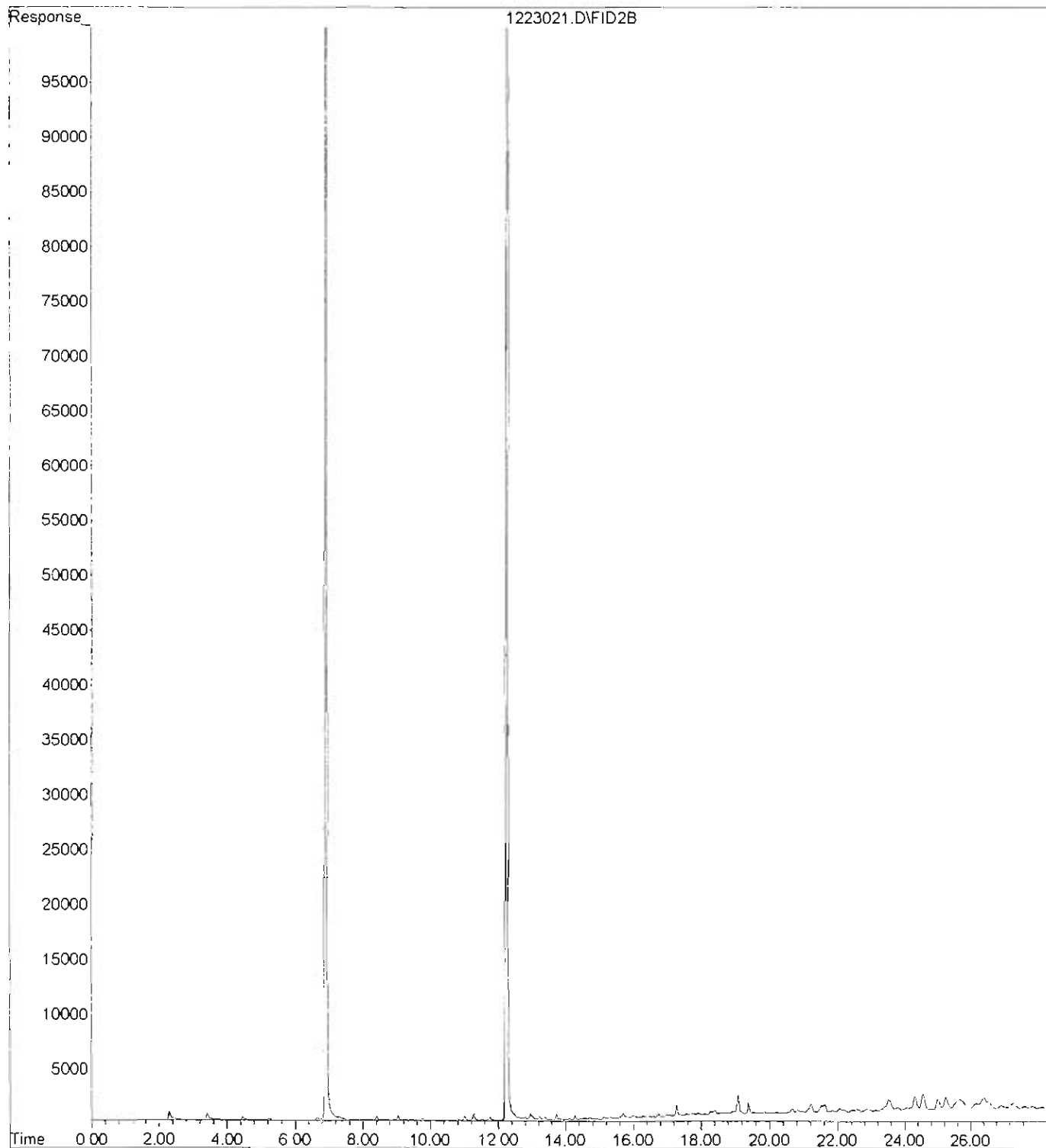




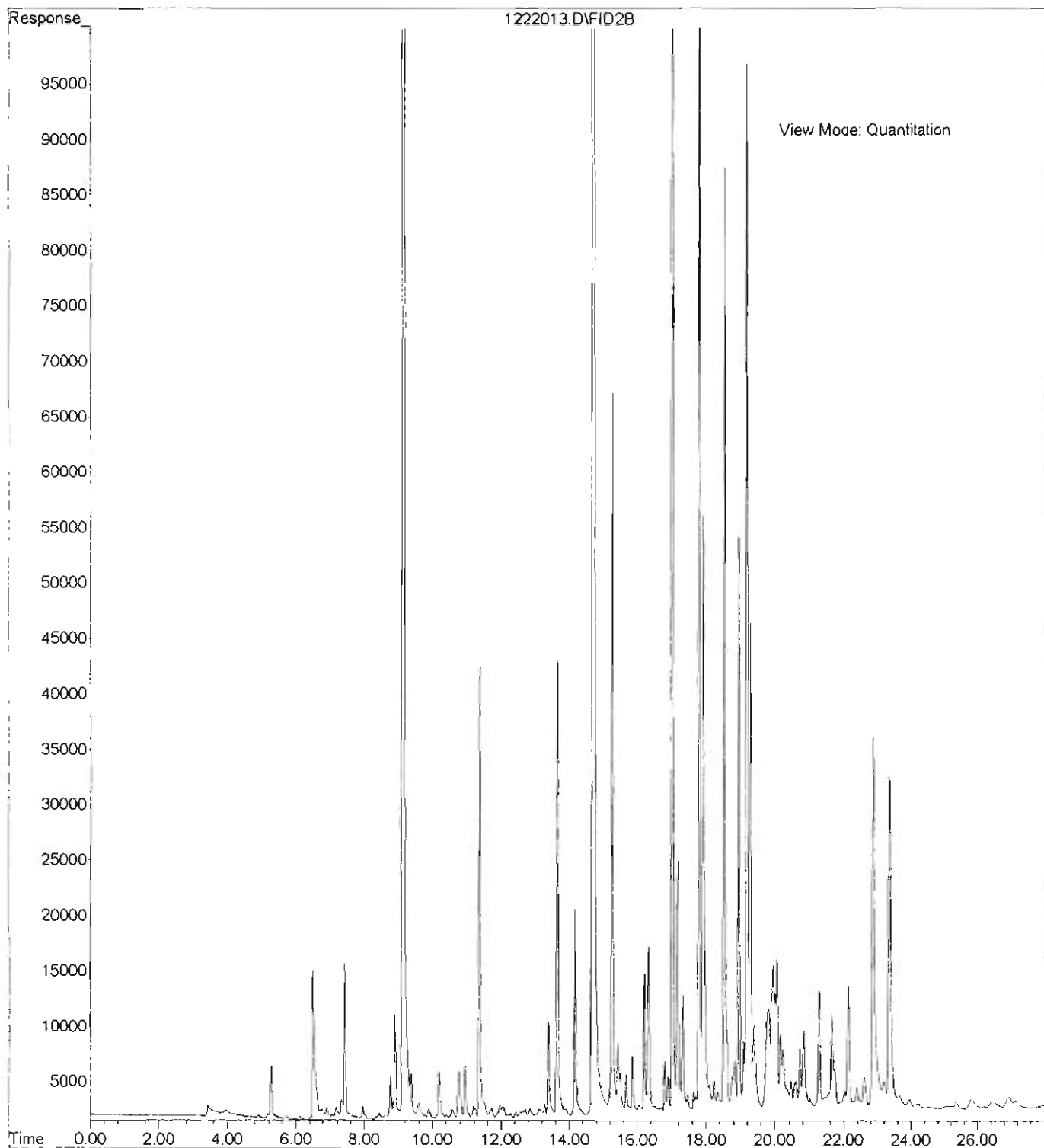
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Instrument : VIGO  
Sample Name: 12-156-16 HC  
Misc Info :  
Vial Number: 65



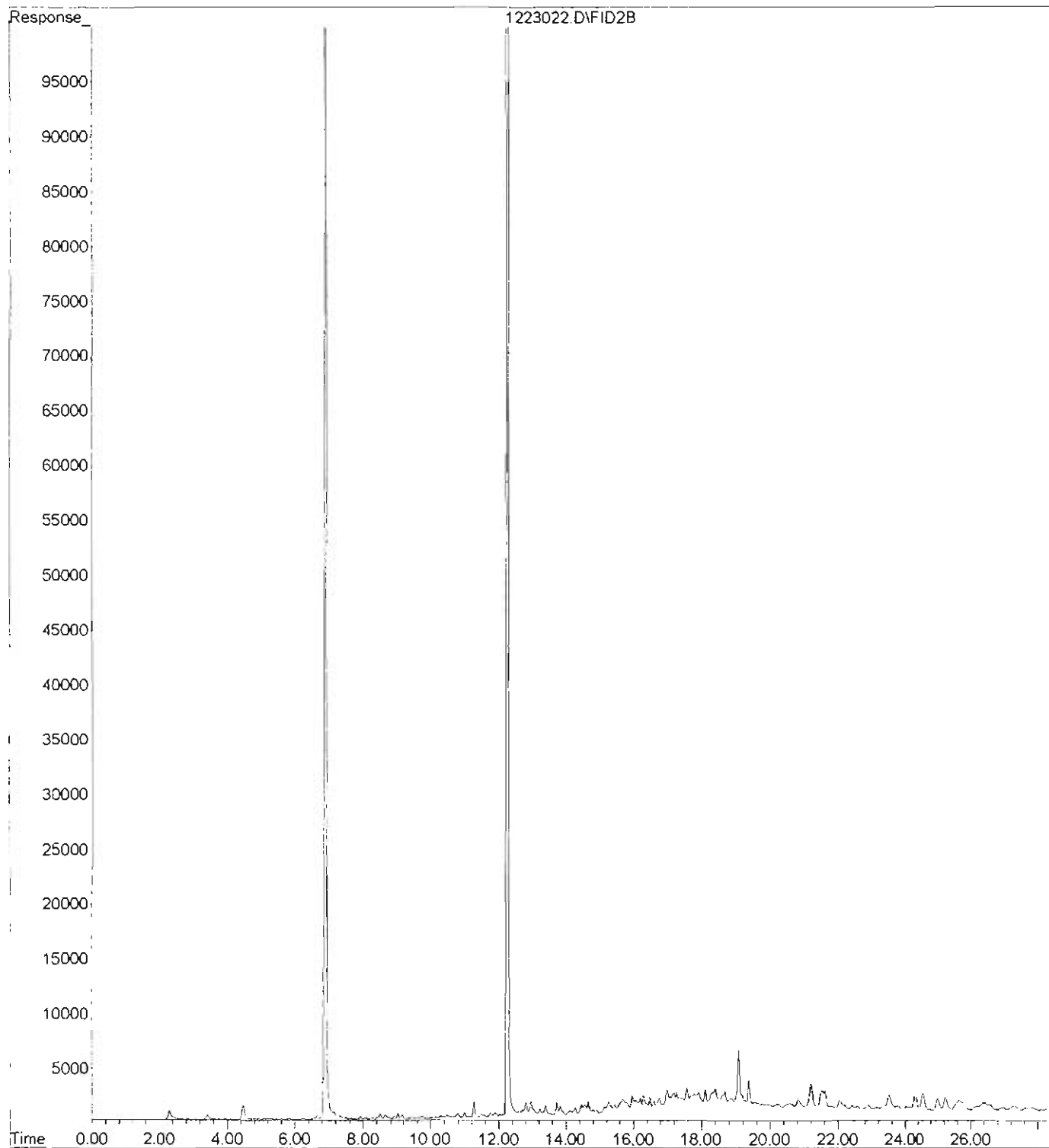
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Operator :  
Acquired : 24 Dec 2011 00:51 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-156-01s  
Misc Info : V2-26-24  
Vial Number: 21



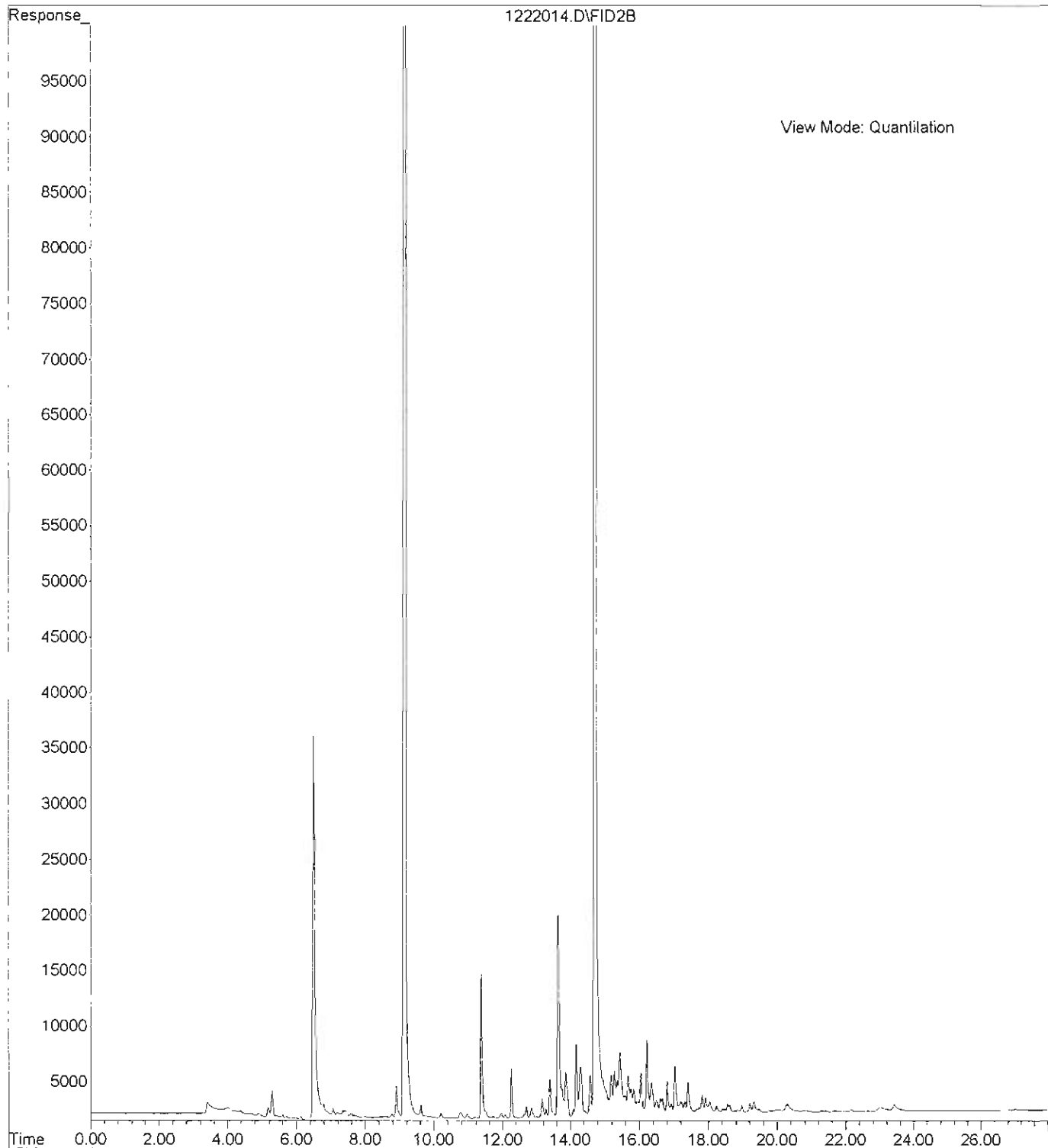
File : X:\BTEX\HOPE\DATA\H111222\1222013.D  
Operator :  
Acquired : 22 Dec 2011 18:37 using AcqMethod 111103.M  
Instrument : HOPE  
Sample Name: 12-156-05g  
Misc Info : V2-26-24  
Vial Number: 13



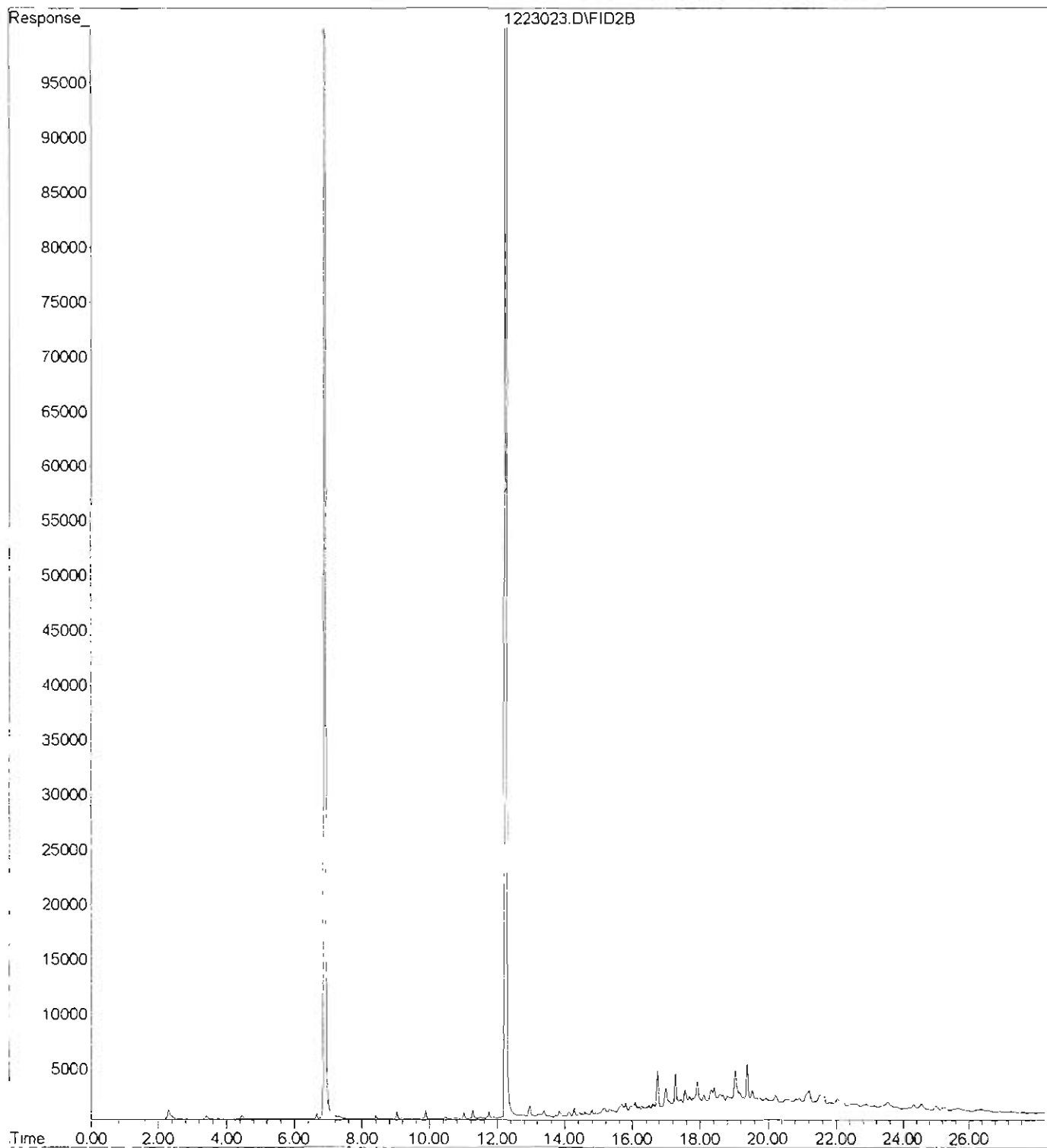
File : X:\BTEX\DARYL\DATA\D111223\1223022.D  
Operator :  
Acquired : 24 Dec 2011 1:24 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-156-06s  
Misc Info : V2-26-24  
Vial Number: 22



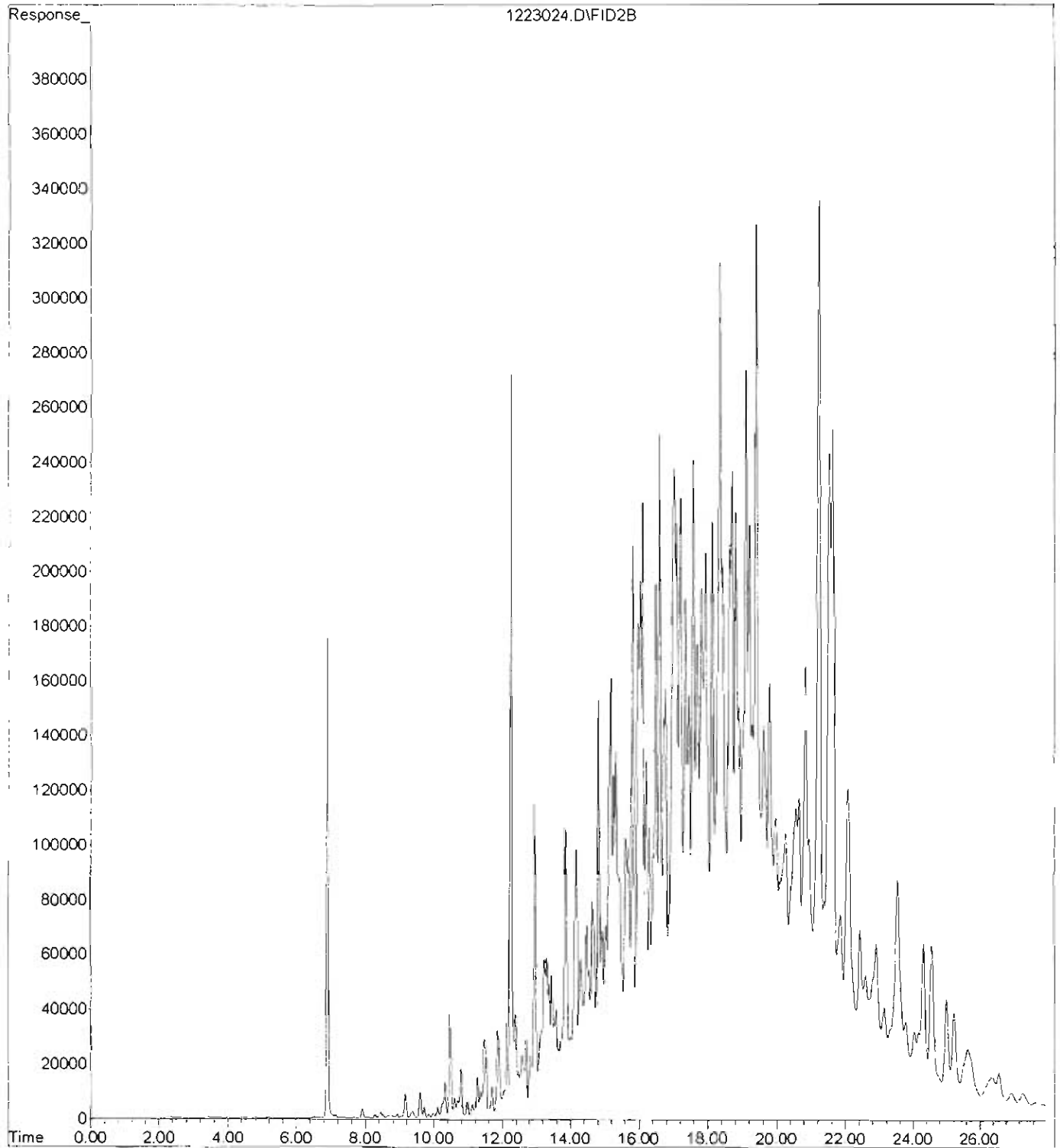
File : X:\BTEX\HOPE\DATA\H111222\1222014.D  
Operator :  
Acquired : 22 Dec 2011 19:11 using AcqMethod 111103.M  
Instrument : HOPE  
Sample Name: 12-156-09g  
Misc Info : V2-26-24  
Vial Number: 14



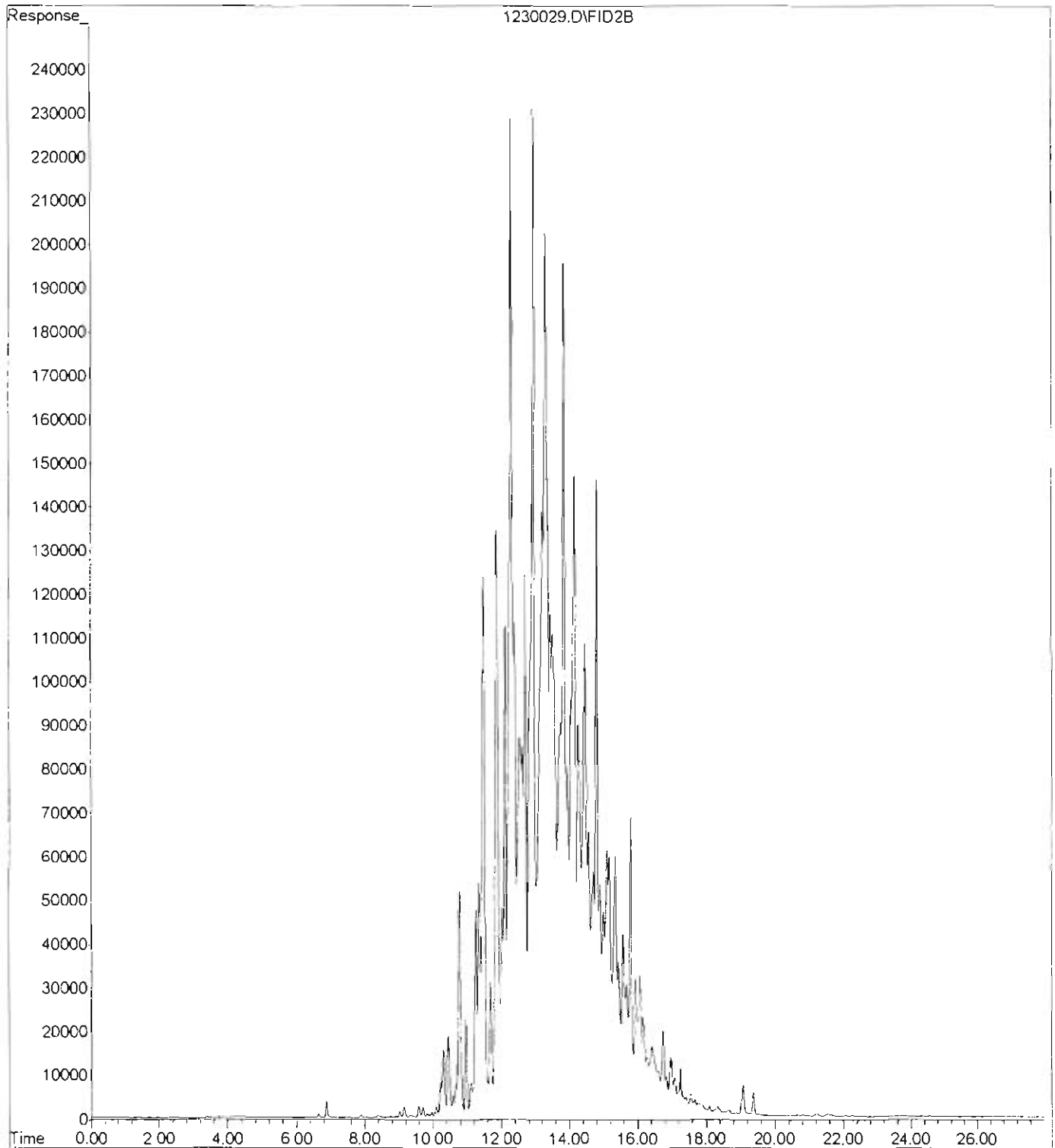
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Operator :  
Acquired : 24 Dec 2011 1:57 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-156-11s  
Misc Info : V2-26-24  
Vial Number: 23



File : X:\BTEX\DARYL\DATA\D111223\1223024.D  
Operator :  
Acquired : 24 Dec 2011 2:30 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-156-13s  
Misc Info : V2-26-24  
Vial Number: 24

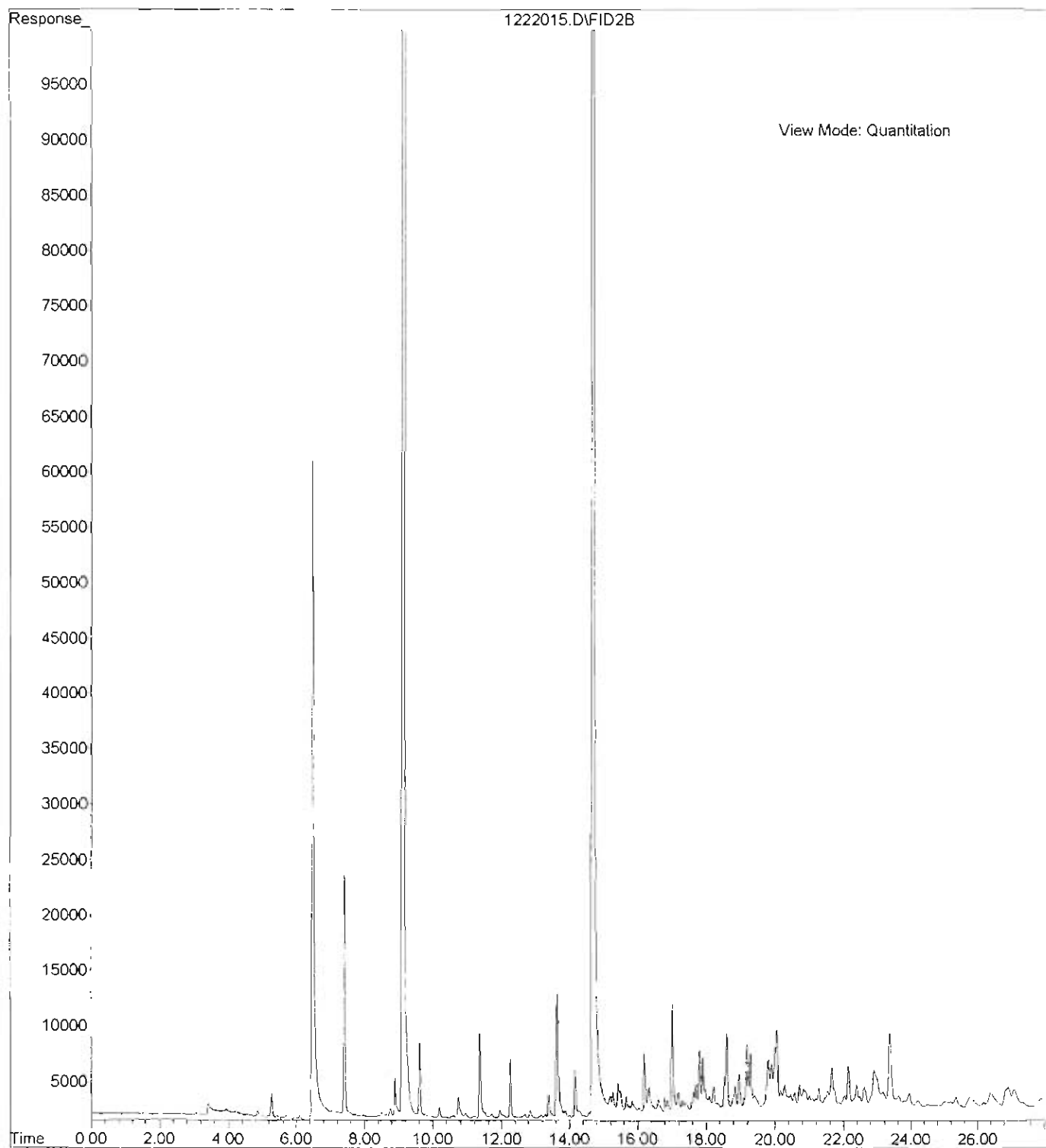


File : X:\BTEX\DARYL\DATA\D111230\1230029.D  
Operator :  
Acquired : 31 Dec 2011 3:04 using AcqMethod 111028B.M  
Instrument : Daryl  
Sample Name: 12-156-16s RR 1:2500  
Misc Info : V2-26-24  
Vial Number: 29

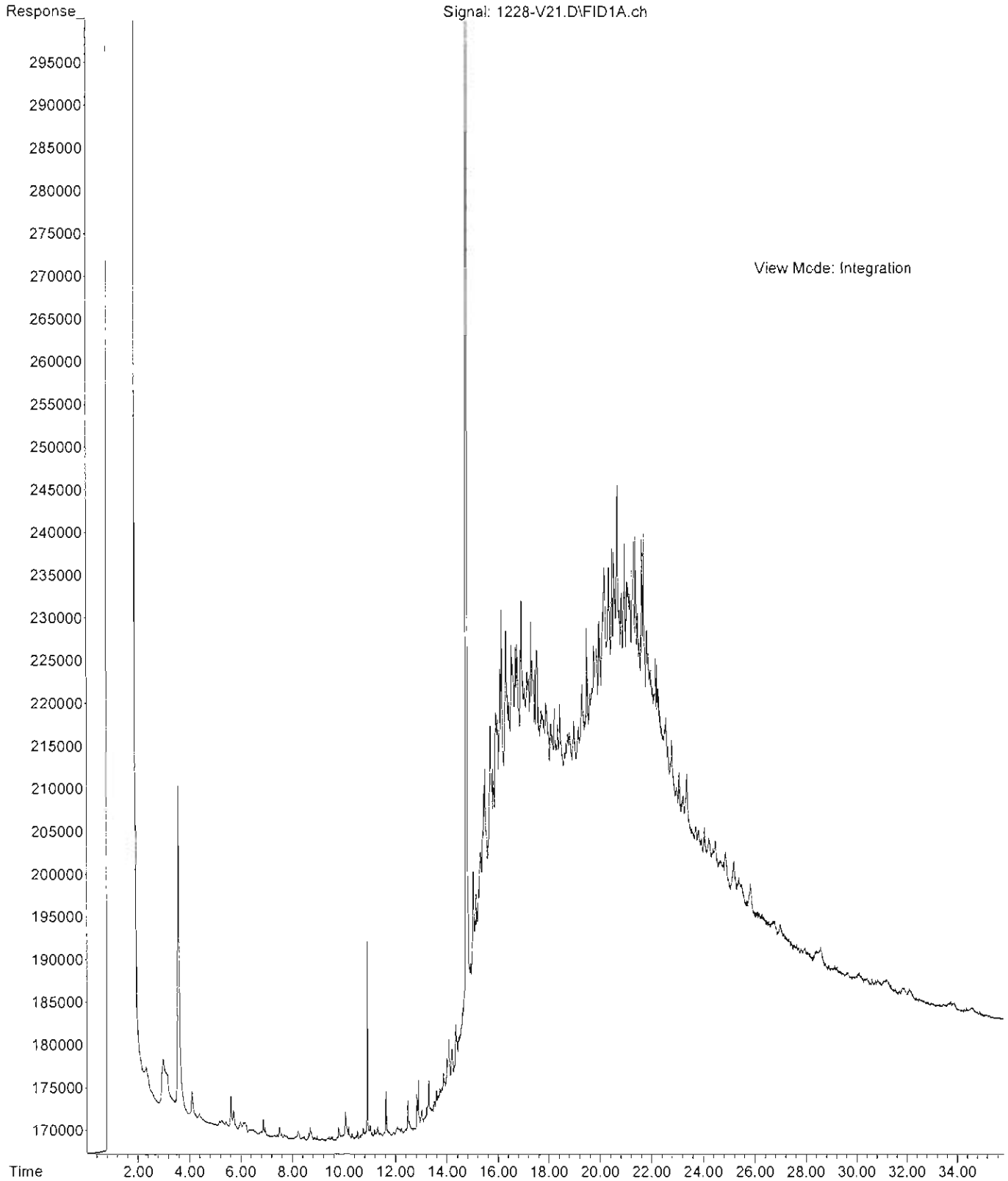




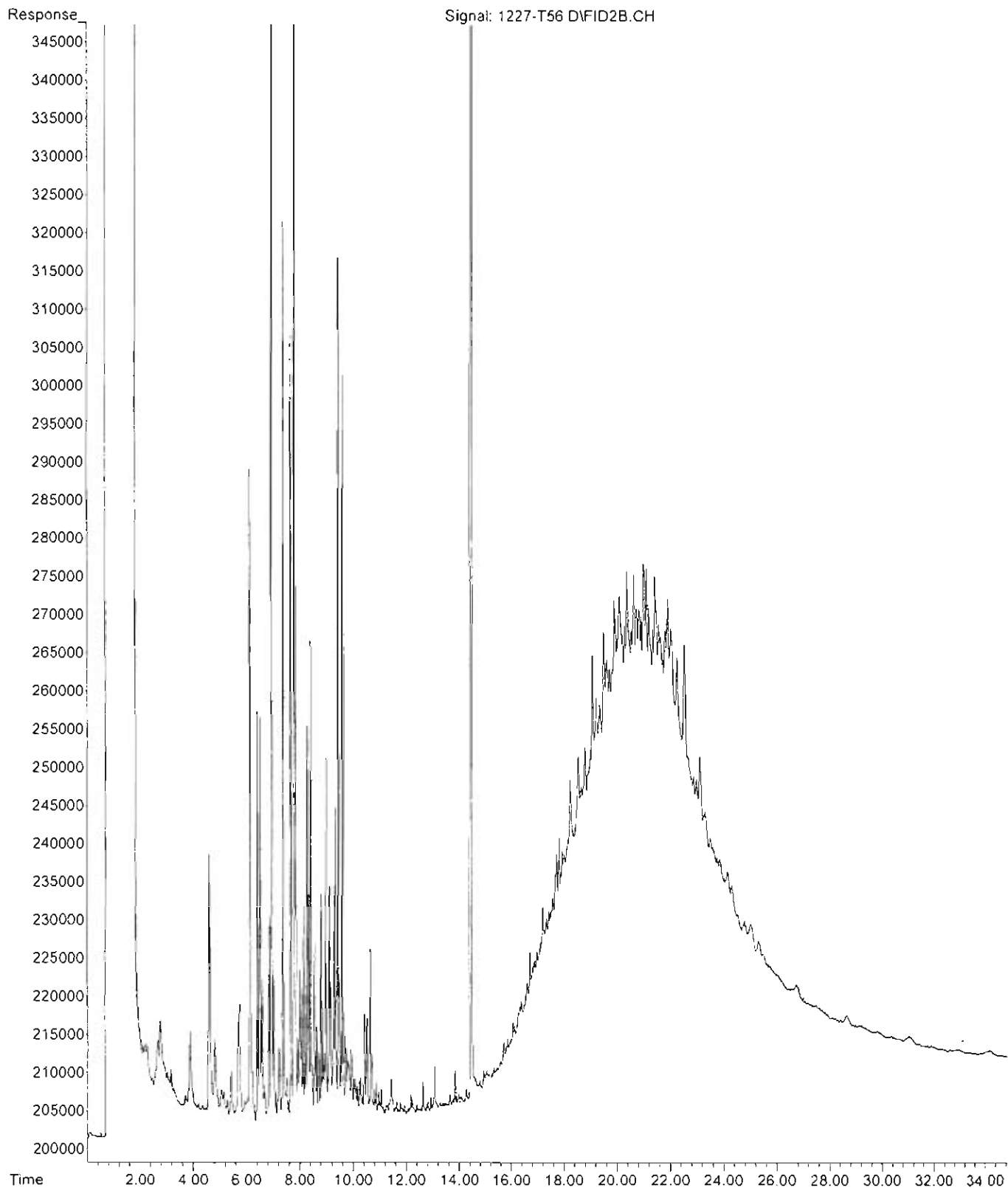
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Operator :  
Acquired : 22 Dec 2011 19:45 using AcqMethod 111103.M  
Instrument : HOPE  
Sample Name: 12-156-20g  
Misc Info : V2-26-24  
Vial Number: 15



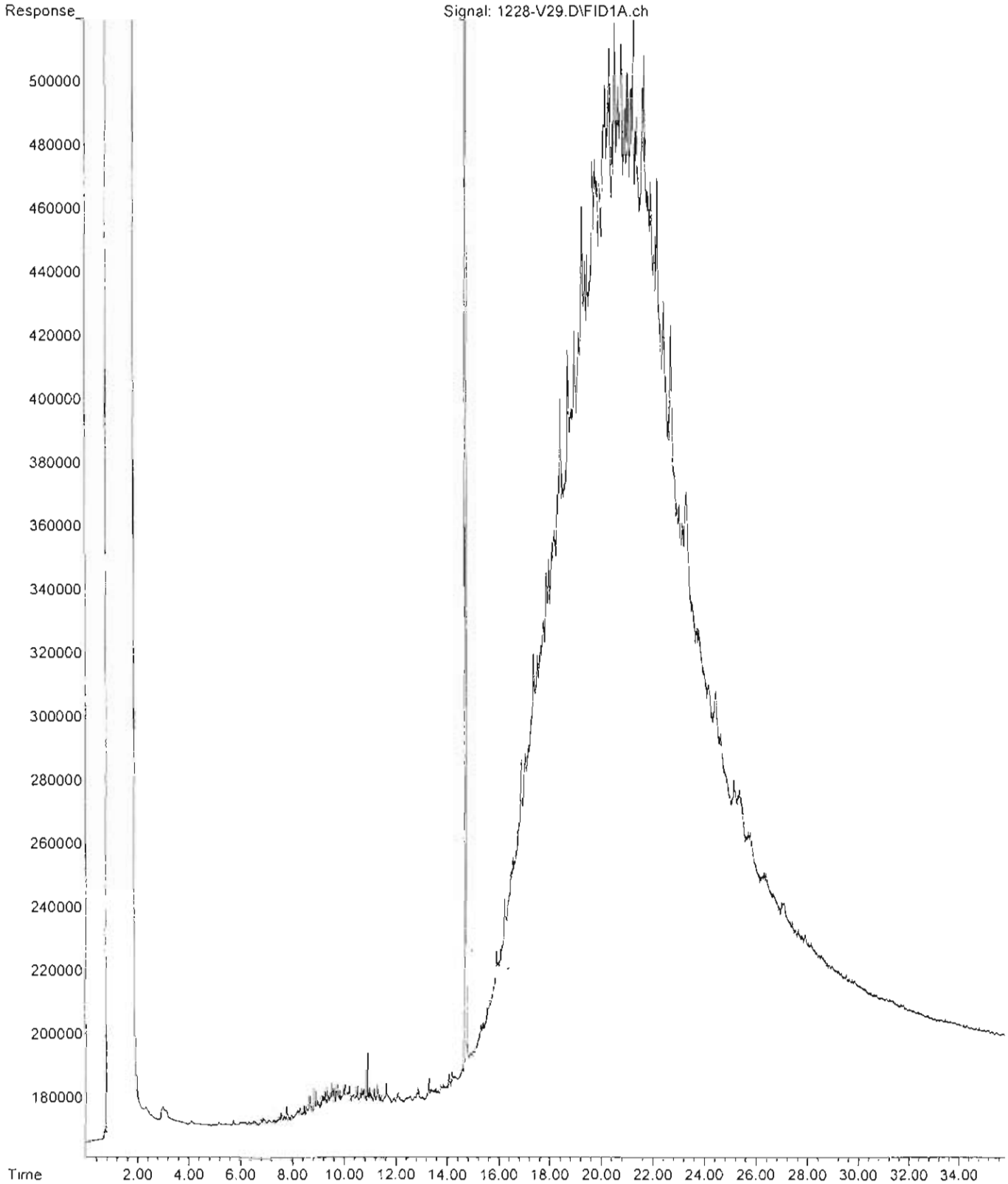
File : C:\msdchem\2\DATA\V111228\1228-V21.D  
Operator :  
Acquired : 29 Dec 2011 00:05 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-156-01  
Misc Info :  
Vial Number: 21



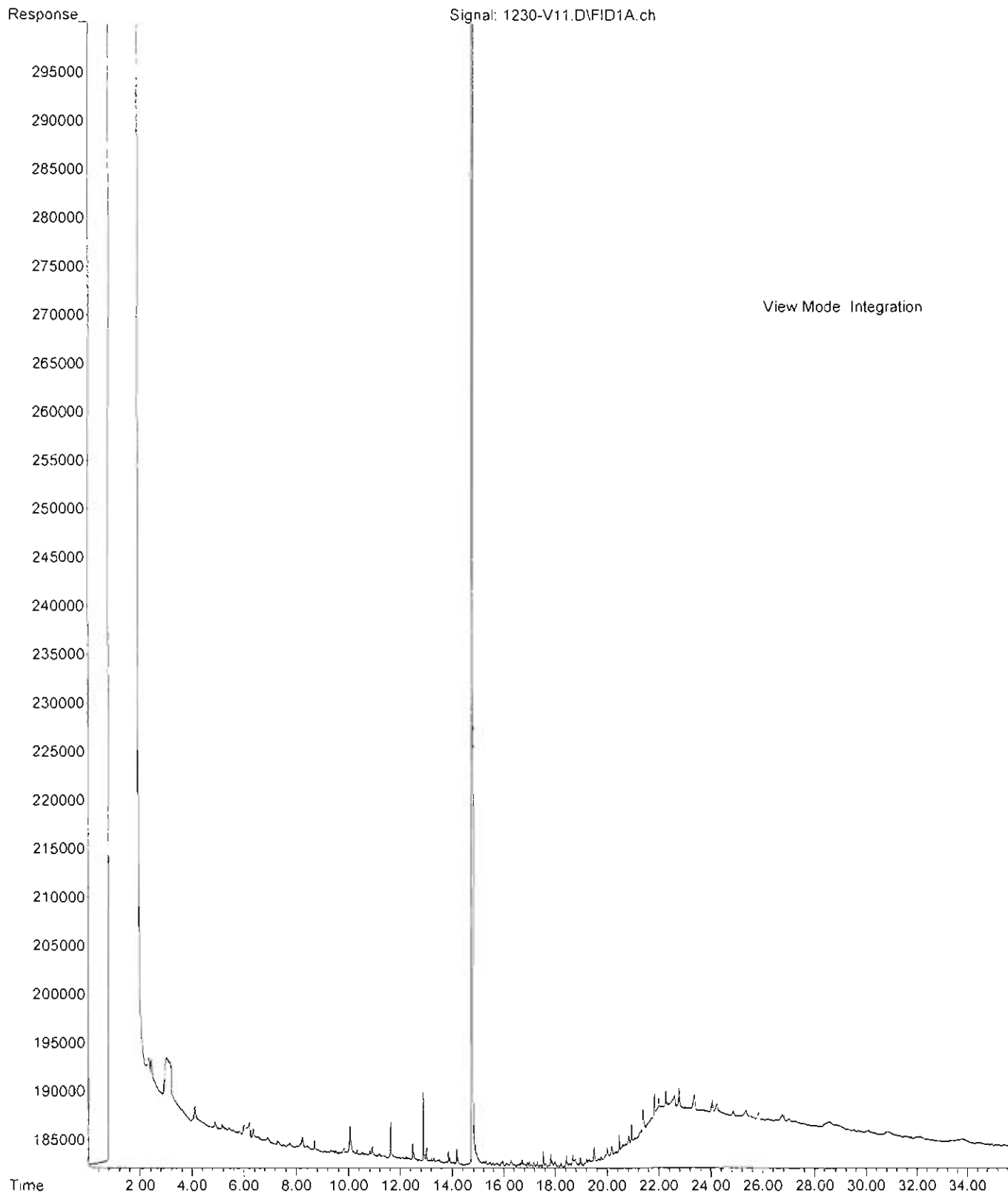
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Operator : ZT  
Acquired : 27 Dec 2011 16:40 using AcqMethod T110816F.M  
Instrument : Teri  
Sample Name: 12-156-05  
Misc Info :  
Vial Number: 56



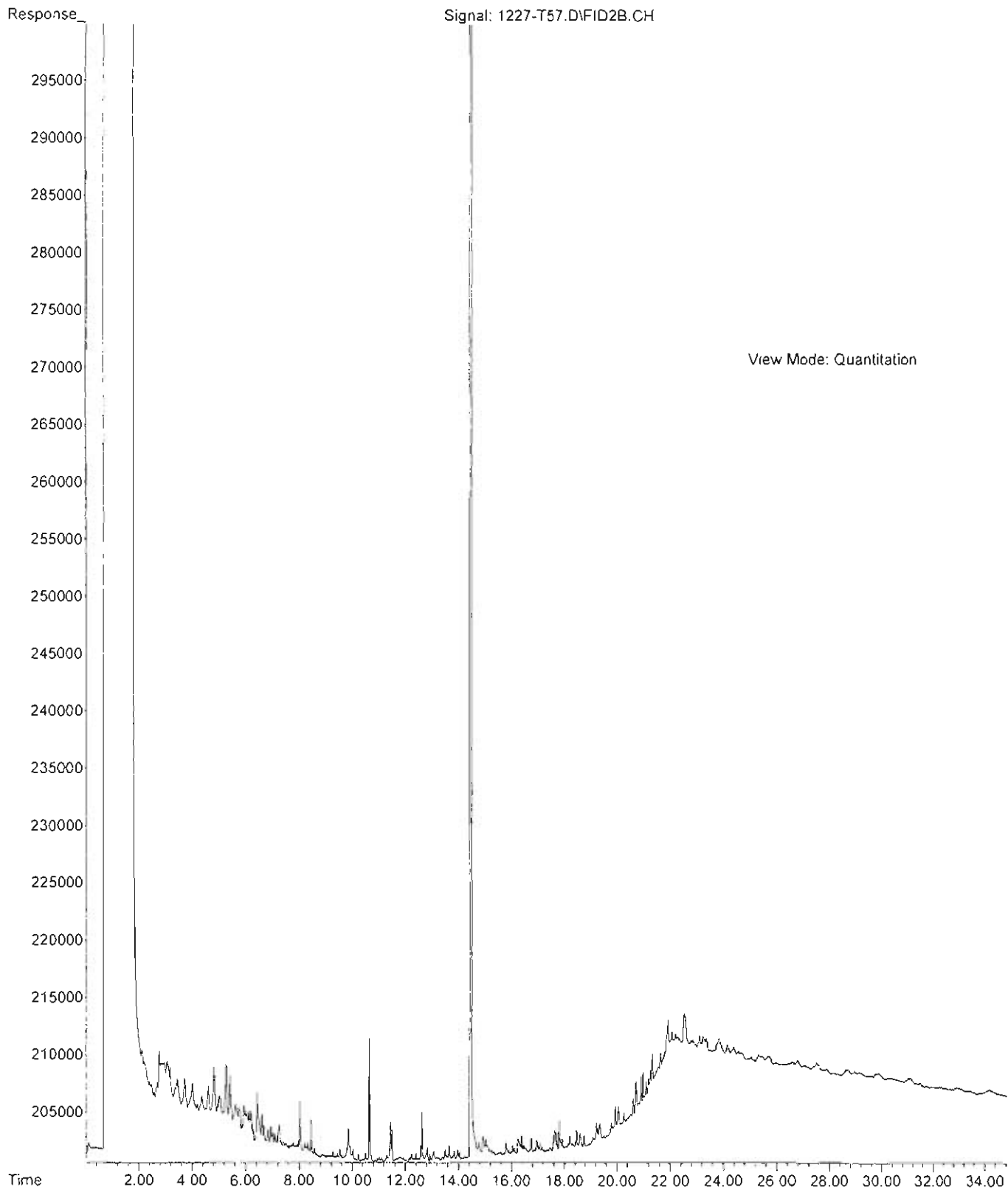
File : C:\msdchem\2\DATA\V111228\1228-V29.D  
Operator :  
Acquired : 29 Dec 2011 5:23 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-156-06  
Misc Info :  
Vial Number: 29



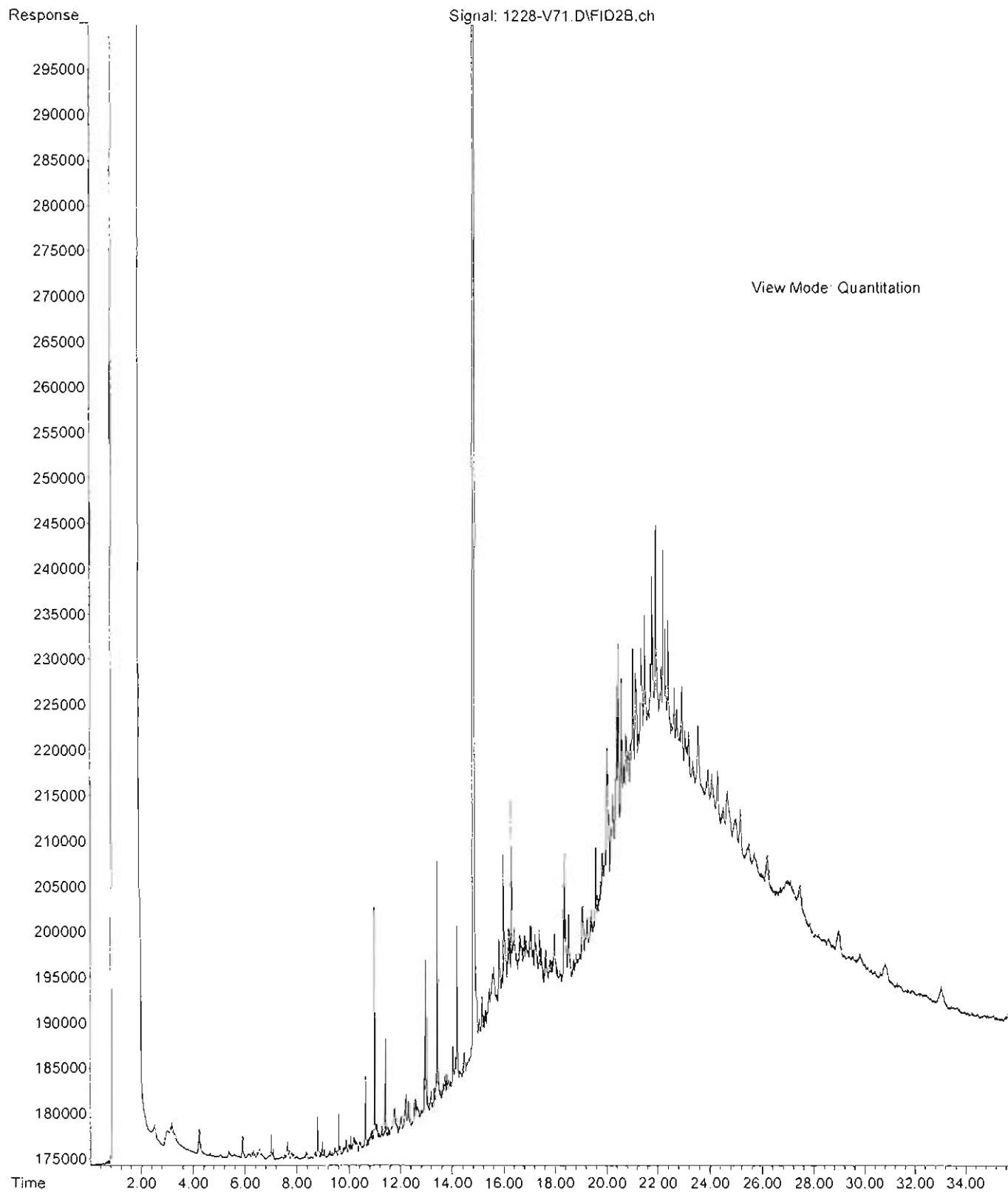
File : C:\msdchem\2\DATA\V111230\1230-V11.D  
Operator :  
Acquired : 30 Dec 2011 17:22 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-156-07  
Misc Info :  
Vial Number: 11



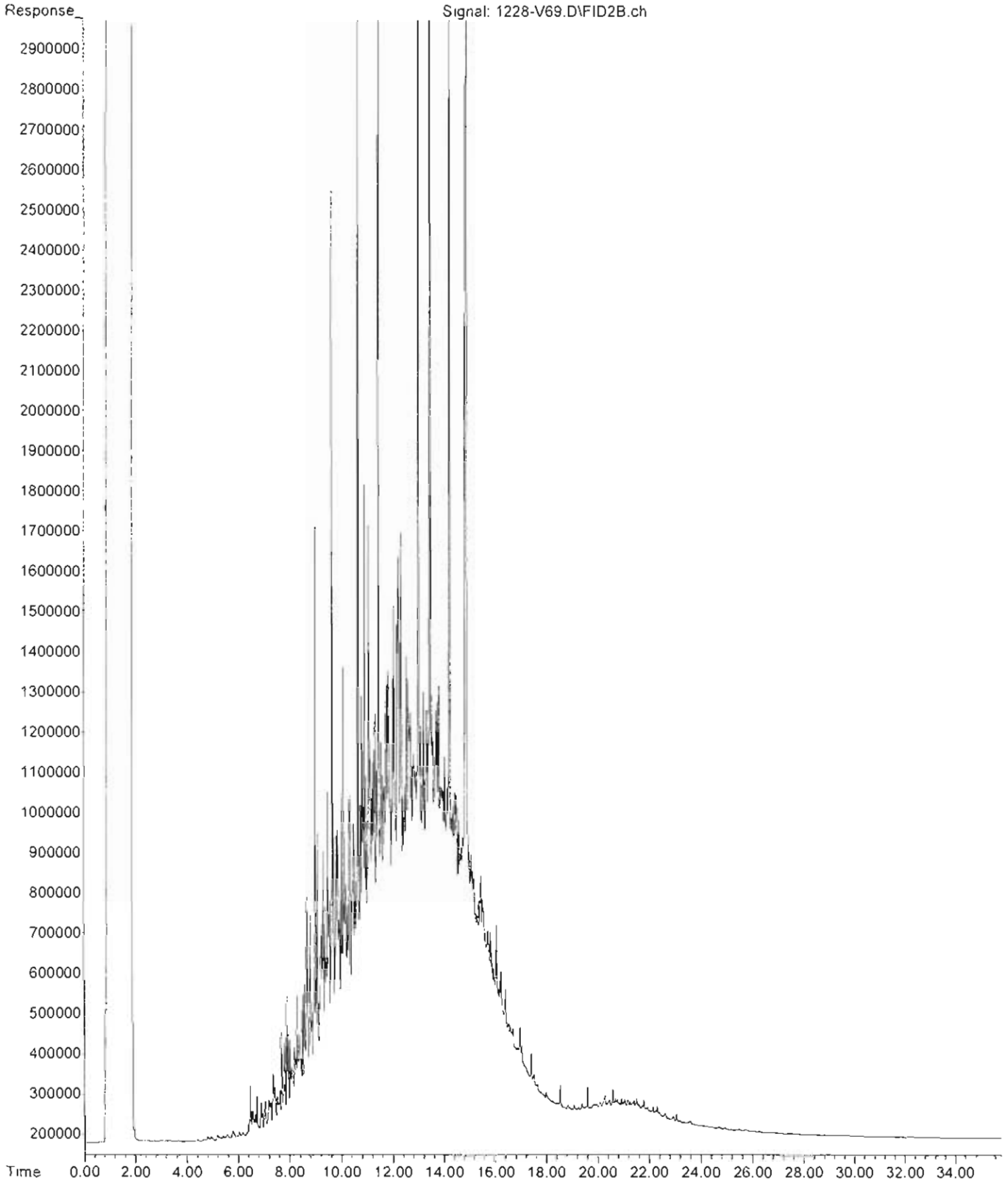
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Instrument : Teri  
Sample Name: 12-156-09  
Misc Info :  
Vial Number: 57



File : C:\msdchem\2\DATA\V111228.SEC\1228-V71.D  
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Instrument : VIGO  
Sample Name: 12-156-11  
Misc Info :  
Vial Number: 71

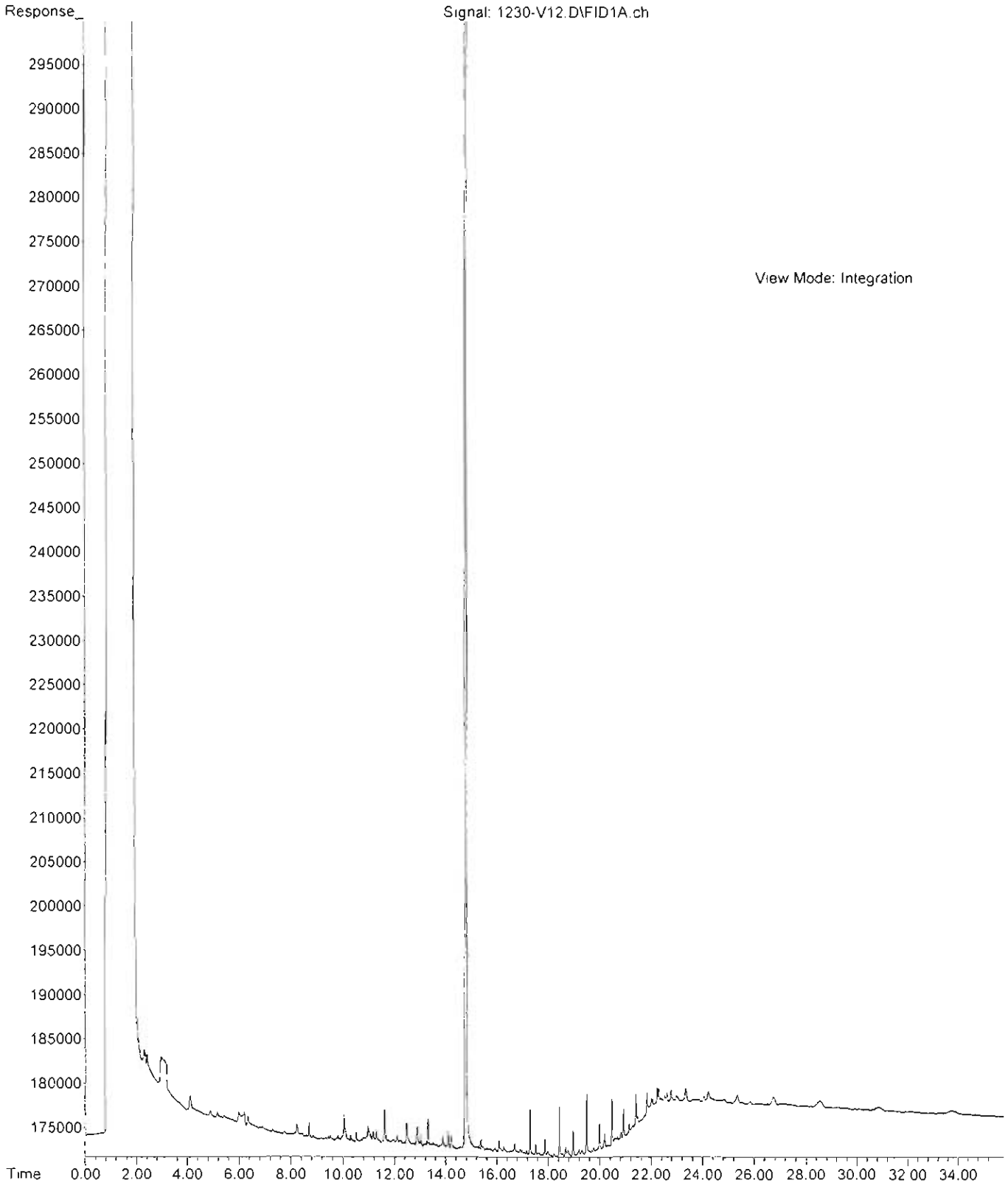


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Instrument : VIGO  
Sample Name: 12-156-13  
Misc Info :  
Vial Number: 69

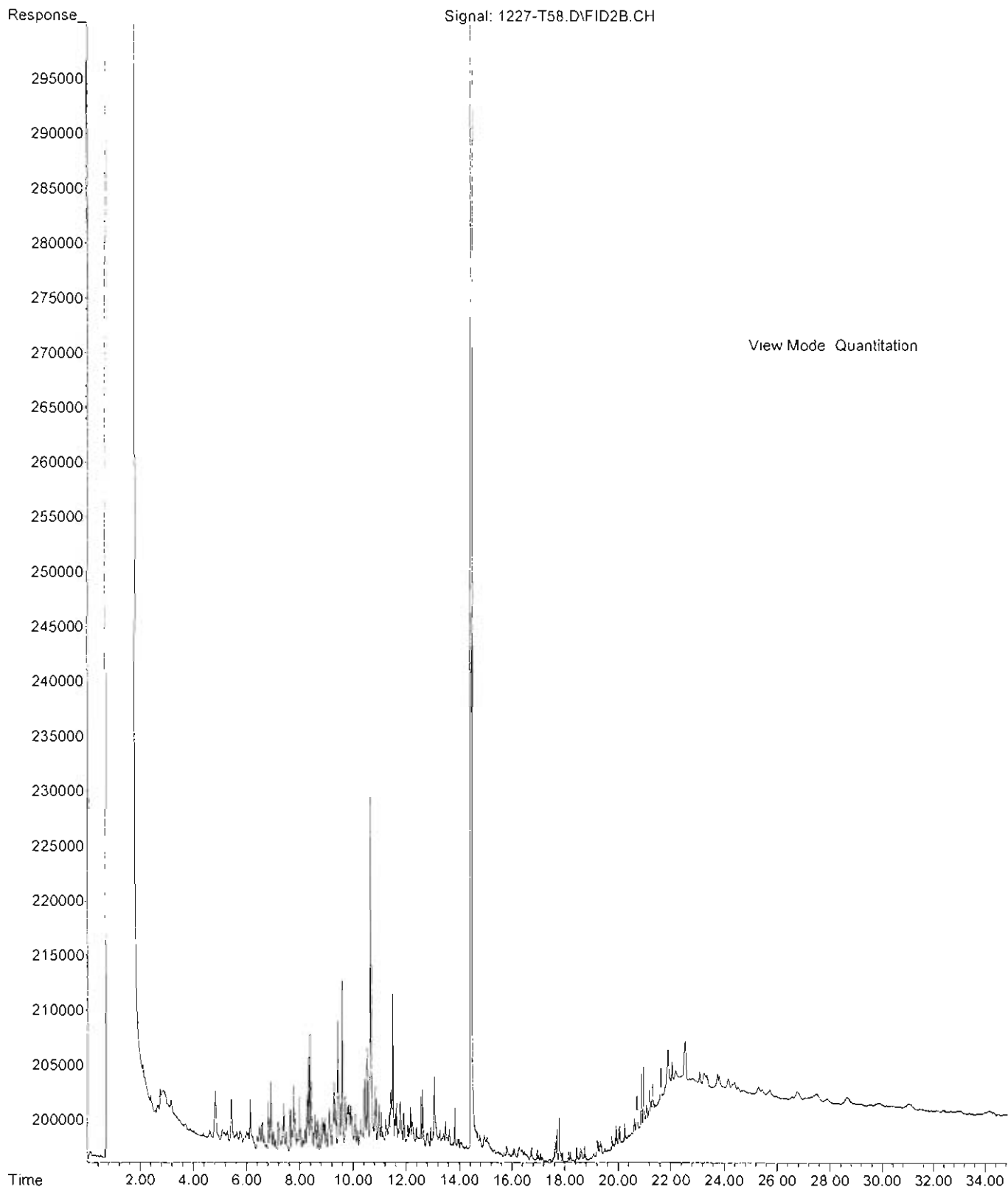




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Operator :  
Acquired : 30 Dec 2011 18:02 using AcqMethod V110914F.M  
Instrument : VIGO  
Sample Name: 12-156-14  
Misc Info :  
Vial Number: 12



File : C:\msdchem\1\DATA\T111227.SEC\1227-T58.D  
Operator : ZT  
Acquired : 27 Dec 2011 18:06 using AcqMethod T110816F.M  
Instrument : Teri  
Sample Name: 12-156-20  
Misc Info :  
Vial Number: 58





14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

June 27, 2012

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-01  
Laboratory Reference No. 1206-118

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on June 18, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: June 27, 2012  
Samples Submitted: June 18, 2012  
Laboratory Reference: 1206-118  
Project: 0526-170-01

### **Case Narrative**

Samples were collected on June 17, 2012 and received by the laboratory on June 18, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 27, 2012  
Samples Submitted: June 18, 2012  
Laboratory Reference: 1206-118  
Project: 0526-170-01

### ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
GEIMW-4-2.5	06-118-01	Soil	6-17-12	6-18-12	
GEIMW-4-12.5	06-118-04	Soil	6-17-12	6-18-12	
GEIMW-4-17.5	06-118-06	Soil	6-17-12	6-18-12	
GEIMW-3-2.5	06-118-10	Soil	6-17-12	6-18-12	
GEIMW-3-12.5	06-118-13	Soil	6-17-12	6-18-12	

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**NWTPH-Gx**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>GEIMW-4-2.5</b>					
Laboratory ID:	06-118-01					
Gasoline	<b>ND</b>	5.6	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	70-132				
<b>Client ID:</b>	<b>GEIMW-3-2.5</b>					
Laboratory ID:	06-118-10					
Gasoline	<b>ND</b>	5.6	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	70-132				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**NWTPH-Dx**  
**(with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4-2.5</b>					
Laboratory ID:	06-118-01					
Diesel Range Organics	<b>ND</b>	28	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil	<b>150</b>	55	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	91	50-150				

<b>Client ID:</b>	<b>GEIMW-3-2.5</b>					
Laboratory ID:	06-118-10					
Diesel Range Organics	<b>ND</b>	28	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil Range Organics	<b>ND</b>	57	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	113	50-150				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4-2.5</b>					
Laboratory ID:	06-118-01					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Acetone	0.012	0.0050	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0050	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Butanone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	



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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4-2.5</b>					
Laboratory ID:	06-118-01					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0020	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>52-125</i>				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4-12.5</b>					
Laboratory ID:	06-118-04					
Dichlorodifluoromethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0046	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0046	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Acetone	0.11	0.0046	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0046	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0046	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0046	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
2-Butanone	0.019	0.0046	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0046	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0046	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260	6-20-12	6-20-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4-12.5</b>					
<b>Laboratory ID:</b>	<b>06-118-04</b>					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0046	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0018	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.00092	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	0.00098	0.00092	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0046	EPA 8260	6-20-12	6-20-12	
Naphthalene	0.0010	0.00092	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>52-125</i>				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4-17.5</b>					
Laboratory ID:	06-118-06					
Dichlorodifluoromethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0044	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0044	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Acetone	0.030	0.0044	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0044	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0044	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0044	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
2-Butanone	ND	0.0044	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0044	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0044	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260	6-20-12	6-20-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4-17.5</b>					
Laboratory ID:	06-118-06					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0044	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0018	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0044	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>52-125</i>				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-3-2.5</b>					
Laboratory ID:	06-118-10					
Dichlorodifluoromethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0048	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0048	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Acetone	0.19	0.0048	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0048	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	0.0016	0.00095	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0048	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0048	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
2-Butanone	0.031	0.0048	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0048	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260	6-20-12	6-20-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-3-2.5</b>					
<b>Laboratory ID:</b>	<b>06-118-10</b>					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0048	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0019	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	0.0023	0.00095	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0048	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0048	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>52-125</i>				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-3-12.5</b>					
Laboratory ID:	06-118-13					
Dichlorodifluoromethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0041	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0041	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Acetone	0.016	0.0041	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0041	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0041	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0041	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
2-Butanone	ND	0.0041	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0041	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0041	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0041	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.00082	EPA 8260	6-20-12	6-20-12	



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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-3-12.5</b>					
<b>Laboratory ID:</b>	<b>06-118-13</b>					
1,1,2-Trichloroethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0041	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0016	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.00082	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0041	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0041	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.00082	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>119</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>52-125</i>				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0621S1					
Gasoline	<b>ND</b>	5.0	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	06-128-02							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				92	94	70-132		

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0620S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>110</i>	<i>50-150</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	06-118-01					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil	<b>134</b>	<b>133</b>		1	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			91 98	50-150		

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0620S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Acetone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0050	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Butanone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	

Date of Report: June 27, 2012  
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**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB0620S1				
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0020	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>52-125</i>				

Date of Report: June 27, 2012  
 Samples Submitted: June 18, 2012  
 Laboratory Reference: 1206-118  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0620S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0379</b>	<b>0.0359</b>	0.0500	0.0500	76	72	65-141	5	15	
Benzene	<b>0.0437</b>	<b>0.0420</b>	0.0500	0.0500	87	84	69-121	4	15	
Trichloroethene	<b>0.0449</b>	<b>0.0427</b>	0.0500	0.0500	90	85	75-120	5	15	
Toluene	<b>0.0443</b>	<b>0.0429</b>	0.0500	0.0500	89	86	75-120	3	15	
Chlorobenzene	<b>0.0481</b>	<b>0.0471</b>	0.0500	0.0500	96	94	75-120	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					88	90	63-127			
<i>Toluene-d8</i>					99	104	65-129			
<i>4-Bromofluorobenzene</i>					90	92	52-125			

Date of Report: June 27, 2012  
Samples Submitted: June 18, 2012  
Laboratory Reference: 1206-118  
Project: 0526-170-01

**% MOISTURE**

Date Analyzed: 6-20-12

Client ID	Lab ID	% Moisture
GEIMW-4-2.5	06-118-01	9
GEIMW-4-12.5	06-118-04	15
GEIMW-4-17.5	06-118-06	13
GEIMW-3-2.5	06-118-10	12
GEIMW-3-12.5	06-118-13	10



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference







# Mw OnSite Environmental Inc.

Analytical Laboratory Testing Services  
14648 NE 95th Street • Redmond, WA 98052  
Phone: (425) 883-3881 • www.onsite-env.com

## Chain of Custody

### Turnaround Request (in working days)

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (1 Day) (PPM analysis 3 Days)

### Laboratory Number:

06-1118

Company:

GEDENGINNERS

Project Number:

0526-170-01

Project Name:

120<sup>th</sup> AVE NE WIDENING

Project Manager:

JACOB LETTS

Sampled by:

FASIH KHAN

Lab ID:

Sample Identification

Date Sampled

Time Sampled

Matrix

No. of Cont.

NWTPH HClD

NWTPH G<sub>1</sub>/BTEX

NWTPH G<sub>2</sub>

NWTPH E<sub>2</sub>

Volatiles 8260B

Halogenated Volatiles 8260B

Semi-volatiles 8270D/SIM (with low-level PAHs)

PAHs 8270D/SIM (low level)

PCBs 8082

Organochlorine Pesticides 8081A

Organophosphorus Pesticides 8270D/SIM

Chlorinated Acid Herbicides 8151A

Total HCRV Metals

Total MTCA Metals

TCLP Metals

HEM (oil and grease) 1664

% Moisture

6/17/12 1425 S 1

6/17/12 1435 S 5

6/17/12 1445 S 5

6/17/12 1500 S 1

H O L D

X X X X

Requested

Signature

Company

Date

Time

Comments/Special Instructions

X Added 6/19/12. DB (STA)

Requested

Requested

Requested

Requested

Requested

Requested

Requested

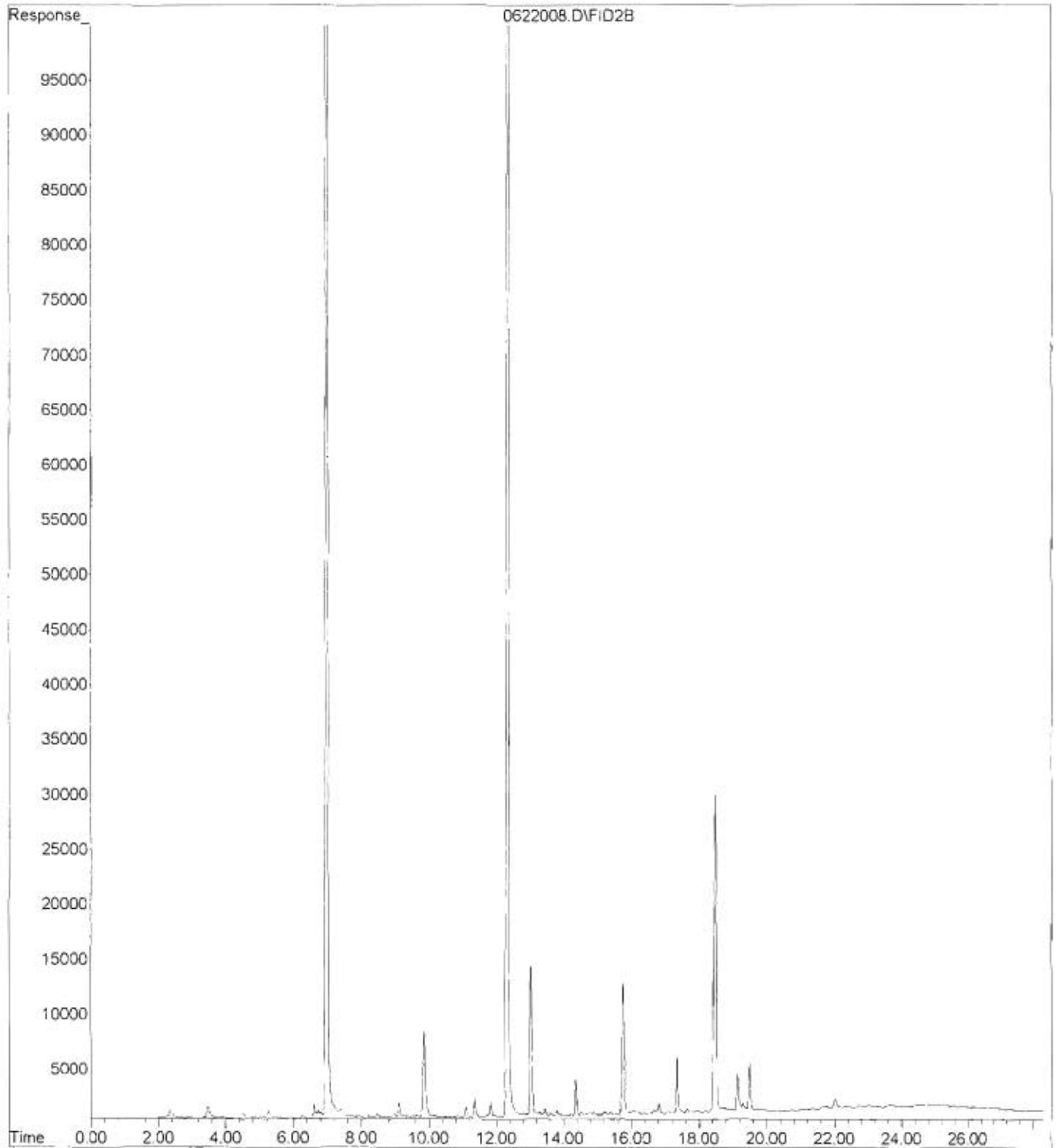
Requested

Date Package Arrived

Electronic Data Deliverables (EDD)

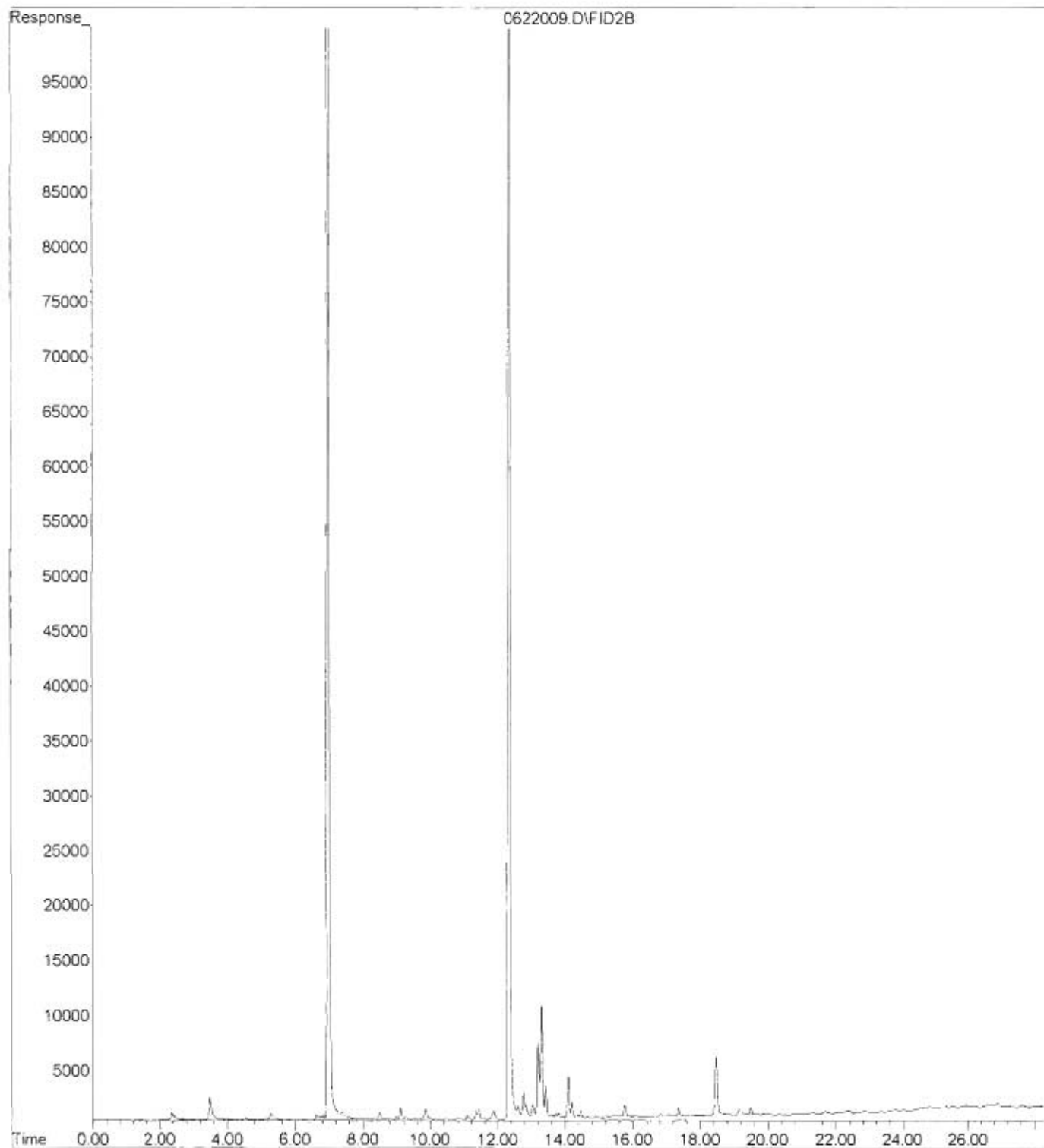
Chromatograms with lab report

File : X:\BTEX\DARYL\DATA\D120622\0622008.D  
Operator :  
Acquired : 22 Jun 2012 18:19 using AcqMethod 120423B.M  
Instrument : Daryl  
Sample Name: 06-118-01s  
Misc Info : V2-29-01  
Vial Number: 8

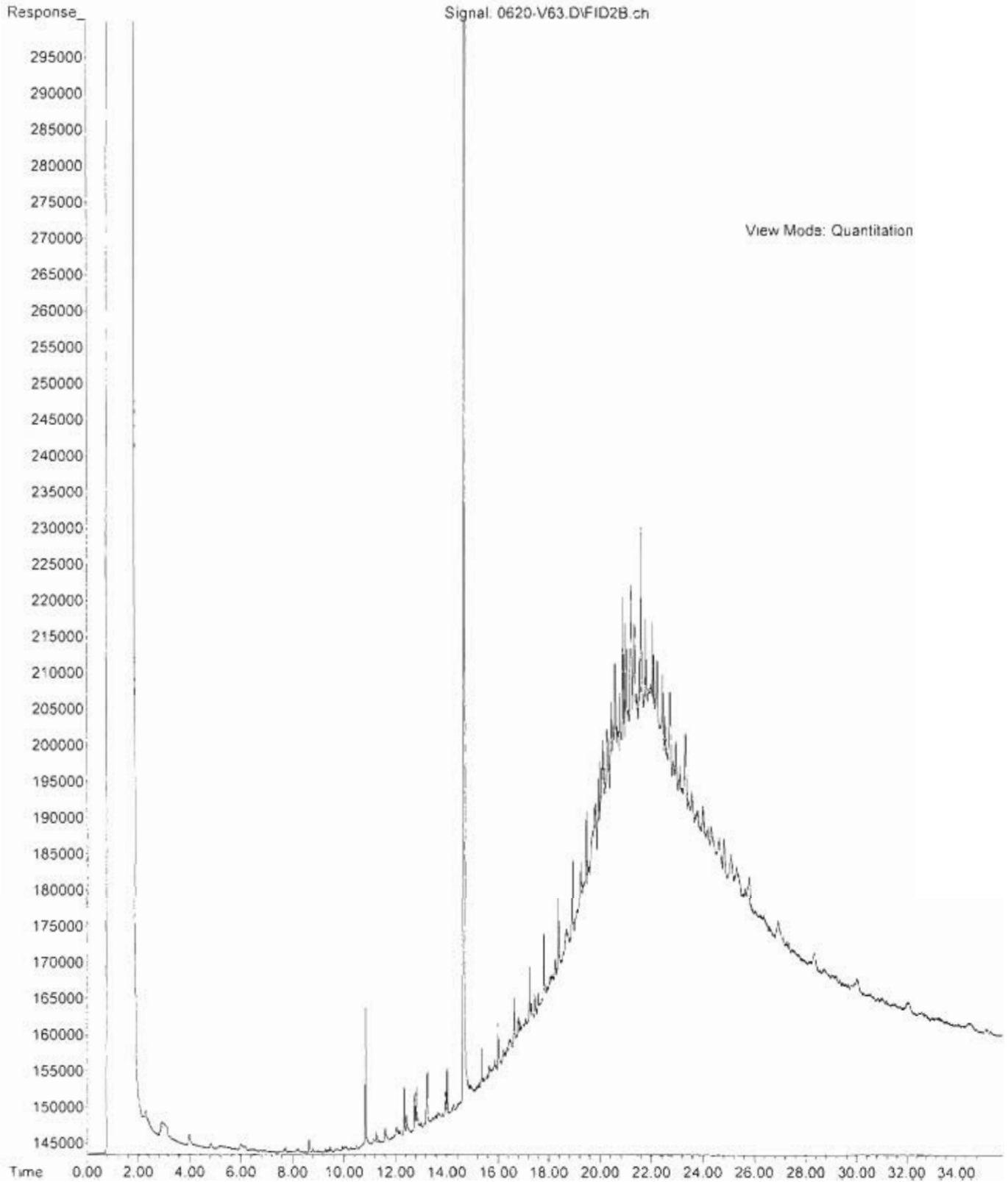




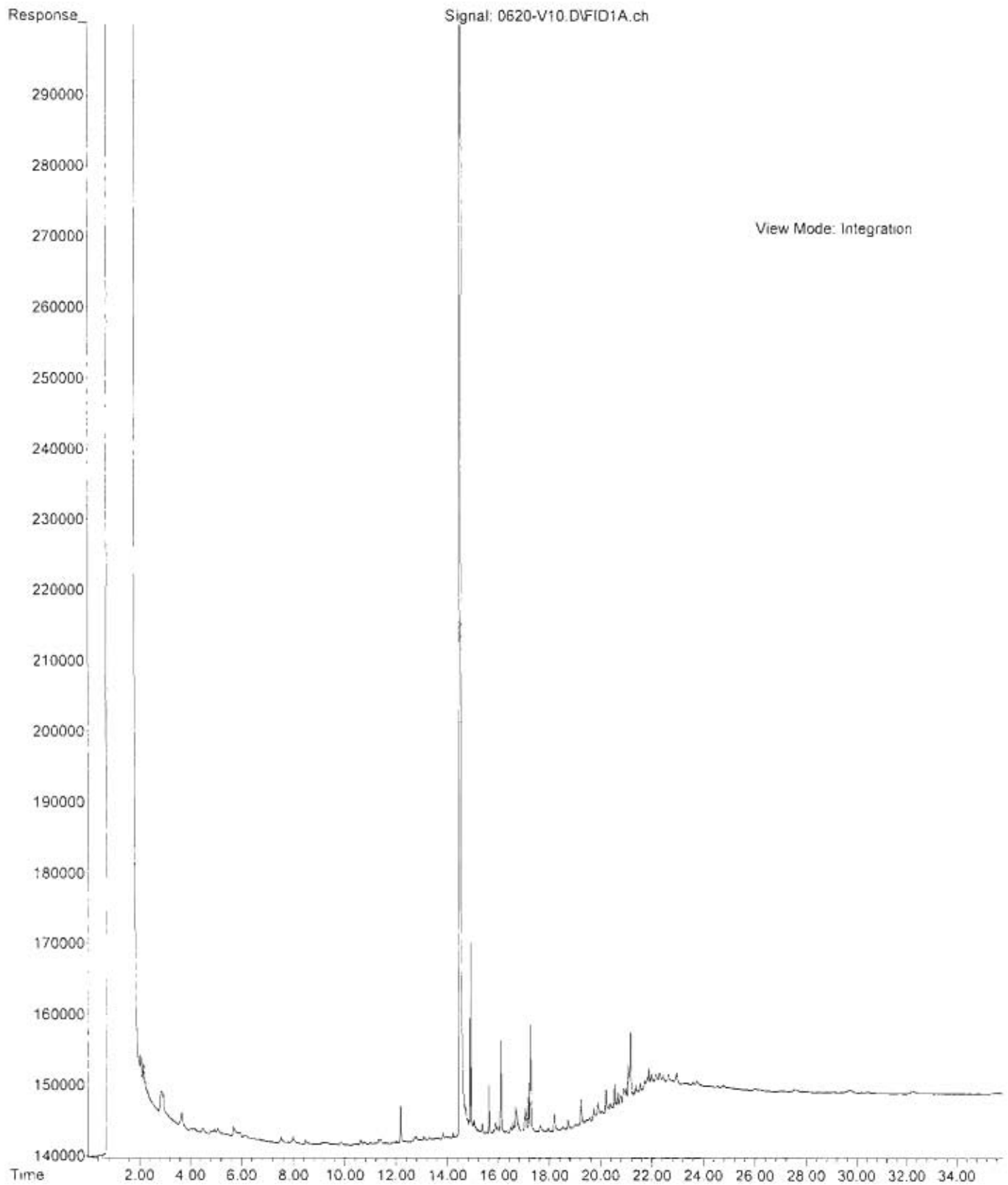
File : X:\BTEX\DARYL\DATA\D120622\0622009.D  
Operator :  
Acquired : 22 Jun 2012 18:54 using AcqMethod 120423B.M  
Instrument : Daryl  
Sample Name: 06-118-10s  
Misc Info : V2-29-01  
Vial Number: 9



File : C:\msdchem\2\DATA\V120620.SEC\0620-V63.D  
Operator :  
Acquired : 20 Jun 2012 18:26 using AcqMethod V120607F.M  
Instrument : VIGO  
Sample Name: 06-118-01  
Misc Info :  
Vial Number: 63



File : C:\msdchem\2\DATA\V120620\0620-V10.D  
Operator :  
Acquired : 20 Jun 2012 16:25 using AcqMethod V120607F.M  
Instrument : VIGO  
Sample Name: 06-118-10  
Misc Info :  
Vial Number: 10





14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

June 26, 2012

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-01  
Laboratory Reference No. 1206-128

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on June 19, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: June 26, 2012  
Samples Submitted: June 19, 2012  
Laboratory Reference: 1206-128  
Project: 0526-170-01

### Case Narrative

Samples were collected on June 18, 2012 and received by the laboratory on June 19, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection except for sample GEIMW-1-5.0 which 5035A VOA vials were not provided for, and the sample was extracted from an 8-ounce jar for analysis. The rest of the samples were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.



Date of Report: June 26, 2012  
Samples Submitted: June 19, 2012  
Laboratory Reference: 1206-128  
Project: 0526-170-01

### ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
GEIMW-1-2.5	06-128-01	Soil	6-18-12	6-19-12	
GEIMW-1-5.0	06-128-02	Soil	6-18-12	6-19-12	
GEIMW-2-3.5	06-128-08	Soil	6-18-12	6-19-12	
GEIMW-2-7.5	06-128-10	Soil	6-18-12	6-19-12	
GEIMW-2-10.0	06-128-11	Soil	6-18-12	6-19-12	

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

### NWTPH-Gx

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1-2.5</b>					
Laboratory ID:	06-128-01					
Gasoline	<b>ND</b>	4.8	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	70-132				
<b>Client ID:</b>	<b>GEIMW-1-5.0</b>					
Laboratory ID:	06-128-02					
Gasoline	<b>ND</b>	6.8	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	70-132				
<b>Client ID:</b>	<b>GEIMW-2-3.5</b>					
Laboratory ID:	06-128-08					
Gasoline	<b>ND</b>	6.6	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	99	70-132				
<b>Client ID:</b>	<b>GEIMW-2-7.5</b>					
Laboratory ID:	06-128-10					
Gasoline	<b>ND</b>	6.5	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	102	70-132				

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**NWTPH-Dx**  
**(with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1-2.5</b>					
Laboratory ID:	06-128-01					
Diesel Range Organics	<b>ND</b>	140	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil	<b>930</b>	280	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	114	50-150				

<b>Client ID:</b>	<b>GEIMW-1-5.0</b>					
Laboratory ID:	06-128-02					
Diesel Range Organics	<b>ND</b>	29	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil	<b>290</b>	59	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	103	50-150				

<b>Client ID:</b>	<b>GEIMW-2-3.5</b>					
Laboratory ID:	06-128-08					
Diesel Range Organics	<b>ND</b>	31	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil Range Organics	<b>ND</b>	61	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	99	50-150				

<b>Client ID:</b>	<b>GEIMW-2-7.5</b>					
Laboratory ID:	06-128-10					
Diesel Range Organics	<b>ND</b>	32	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil Range Organics	<b>ND</b>	63	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	99	50-150				

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1-2.5</b>					
Laboratory ID:	06-128-01					
Dichlorodifluoromethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0043	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0043	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Acetone	0.017	0.0043	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0043	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0043	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0043	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
2-Butanone	ND	0.0043	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0043	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0043	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260	6-20-12	6-20-12	

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1-2.5</b>					
<b>Laboratory ID:</b>	<b>06-128-01</b>					
1,1,2-Trichloroethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0043	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0017	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0043	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>52-125</i>				

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-2-3.5</b>					
Laboratory ID:	06-128-08					
Dichlorodifluoromethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0049	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0049	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Acetone	0.092	0.0049	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0049	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0049	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0049	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
2-Butanone	0.010	0.0049	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0049	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0049	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0049	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.00098	EPA 8260	6-20-12	6-20-12	

Date of Report: June 26, 2012  
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 Project: 0526-170-01

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-2-3.5</b>					
<b>Laboratory ID:</b>	<b>06-128-08</b>					
1,1,2-Trichloroethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0049	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0020	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.00098	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0049	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0049	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.00098	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>52-125</i>				

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-2-7.5</b>					
Laboratory ID:	06-128-10					
Dichlorodifluoromethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0053	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0053	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Acetone	0.063	0.0053	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0053	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0053	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0053	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
2-Butanone	0.0063	0.0053	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0053	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260	6-20-12	6-20-12	



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**VOLATILES by EPA 8260B**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-2-7.5</b>					
Laboratory ID:	06-128-10					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0053	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0021	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0053	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>114</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>94</i>	<i>52-125</i>				

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>GEIMW-2-10.0</b>					
<b>Laboratory ID:</b>	06-128-11					
Dichlorodifluoromethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0059	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0059	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Acetone	0.061	0.0059	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0059	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0059	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0059	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
2-Butanone	0.0089	0.0059	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0059	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260	6-20-12	6-20-12	

Date of Report: June 26, 2012  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-2-10.0</b>					
Laboratory ID:	06-128-11					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0059	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0024	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0059	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>52-125</i>				

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0621S1					
Gasoline	<b>ND</b>	5.0	NWTPH-Gx	6-21-12	6-22-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>91</i>	<i>70-132</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	06-128-02							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				92	94	70-132		

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0620S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	6-20-12	6-20-12	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>110</i>	<i>50-150</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	06-128-08					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			99 97	50-150		

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0620S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloromethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Vinyl Chloride	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromomethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloroethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Acetone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Iodomethane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Carbon Disulfide	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methylene Chloride	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Vinyl Acetate	ND	0.0050	EPA 8260	6-20-12	6-20-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Butanone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Bromochloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chloroform	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Benzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Trichloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Dibromomethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromodichloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Toluene	ND	0.0050	EPA 8260	6-20-12	6-20-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	6-20-12	6-20-12	

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB0620S1				
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Tetrachloroethene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Hexanone	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Dibromochloromethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Chlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Ethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
m,p-Xylene	ND	0.0020	EPA 8260	6-20-12	6-20-12	
o-Xylene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Styrene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromoform	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Isopropylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Bromobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	6-20-12	6-20-12	
n-Propylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
n-Butylbenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	6-20-12	6-20-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	6-20-12	6-20-12	
Naphthalene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	6-20-12	6-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>52-125</i>				

Date of Report: June 26, 2012  
 Samples Submitted: June 19, 2012  
 Laboratory Reference: 1206-128  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0620S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0379</b>	<b>0.0359</b>	0.0500	0.0500	76	72	65-141	5	15	
Benzene	<b>0.0437</b>	<b>0.0420</b>	0.0500	0.0500	87	84	69-121	4	15	
Trichloroethene	<b>0.0449</b>	<b>0.0427</b>	0.0500	0.0500	90	85	75-120	5	15	
Toluene	<b>0.0443</b>	<b>0.0429</b>	0.0500	0.0500	89	86	75-120	3	15	
Chlorobenzene	<b>0.0481</b>	<b>0.0471</b>	0.0500	0.0500	96	94	75-120	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					88	90	63-127			
<i>Toluene-d8</i>					99	104	65-129			
<i>4-Bromofluorobenzene</i>					90	92	52-125			



Date of Report: June 26, 2012  
Samples Submitted: June 19, 2012  
Laboratory Reference: 1206-128  
Project: 0526-170-01

**% MOISTURE**

Date Analyzed: 6-20-12

Client ID	Lab ID	% Moisture
GEIMW-1-2.5	06-128-01	11
GEIMW-1-5.0	06-128-02	15
GEIMW-2-3.5	06-128-08	18
GEIMW-2-7.5	06-128-10	21
GEIMW-2-10.0	06-128-11	25



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



**OnSite Environmental Inc.**  
 Analytical Laboratory Testing Services

14646 NE 95th Street • Redmond, WA 98052  
 Phone: (425) 883-3981 • www.onsite-env.com

# Chain of Custody

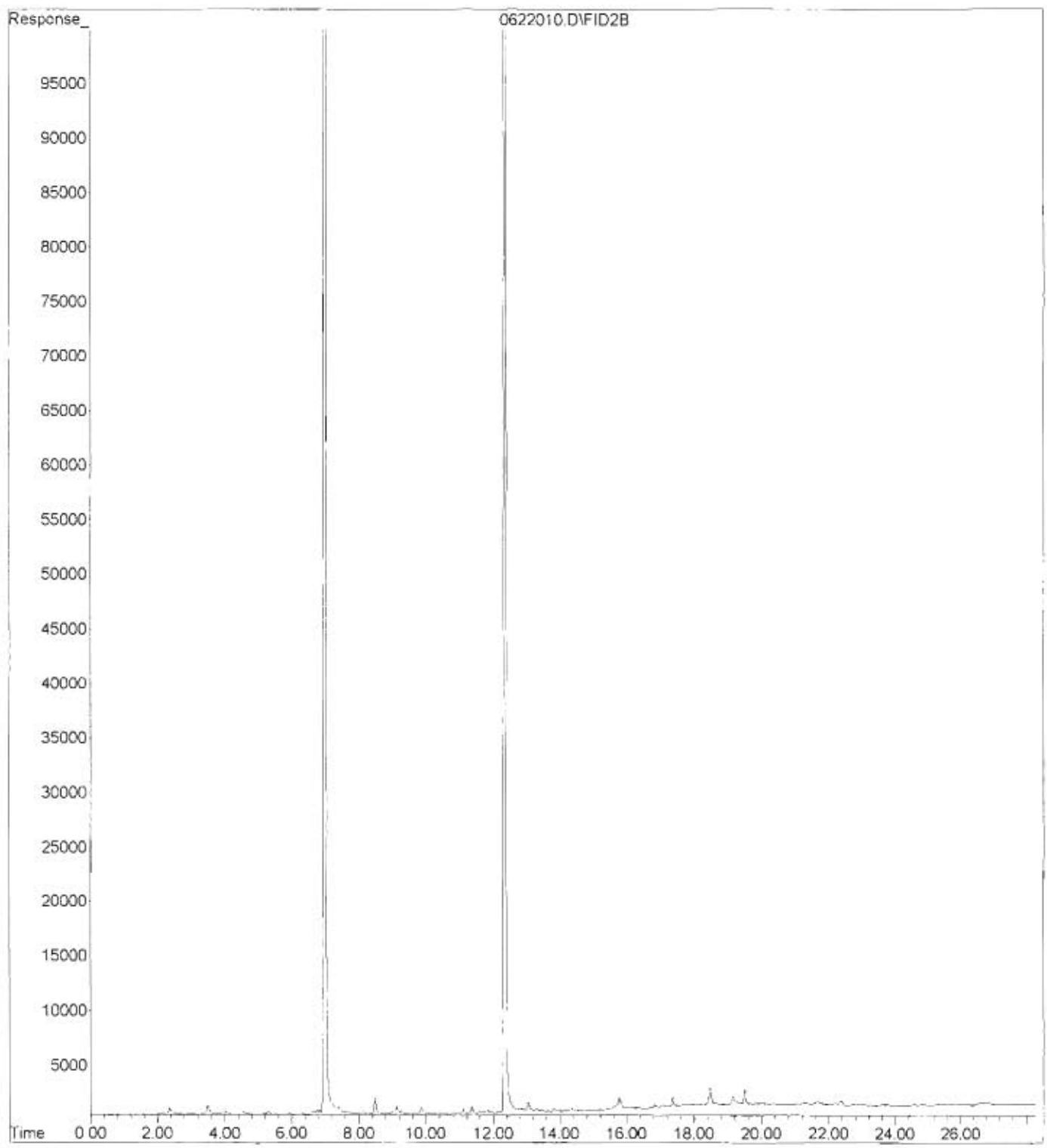
**06-1228**

Company: <b>GEDENGINERS</b> Project Number: <b>0526-170-01</b> Project Name: <b>125th AVE NE WIDENING</b> Project Manager: <b>JACOB LETTS</b> Submitted by: <b>FASIH KHAN</b>		Turnaround Request (in working days) <input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> Standard (7 days) (TPH analysis 5 Days) <input type="checkbox"/> _____ (other)		Laboratory Number:																				
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cans	NWPH HClD	NWPH GxRTX	NWPH Gx	NWPH Dg	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-eval)	PCBs 8087	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TSLP Metals	HEM (oil and grease) 1634			
1	GEIMW-1-2.5	6/18/12	1025	S	5			X	X	X														
2	GEIMW-1-5.0		1035		1			X	X															
3	GEIMW-2-7.5		1040		5			X	X															
4	GEIMW-1-10.0		1050		1																			
5	GEIMW-1-12.5		1105		5																			
6	GEIMW-1-15.0		1120		1																			
7	GEIMW-1-20.0		1130		1																			
8	GEIMW-2-3.5		1345		5			X	X	X														
9	GEIMW-2-5.0		1400		1			X	X	X														
10	GEIMW-2-7.5		1410		5			X	X	X														
Release/Spec Signature: Date: <u>6/19/12</u>		Company: <u>GEI</u> Date: <u>6/19/12</u>		Time: <u>0925</u>		Comments/Special Instructions: <u>(X) Added 6/19/12 DB (STA)</u>																		
Received		Received		Received		Received		Received		Received		Received		Received		Received		Received		Received		Received		Received
Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date		Prepared/Date

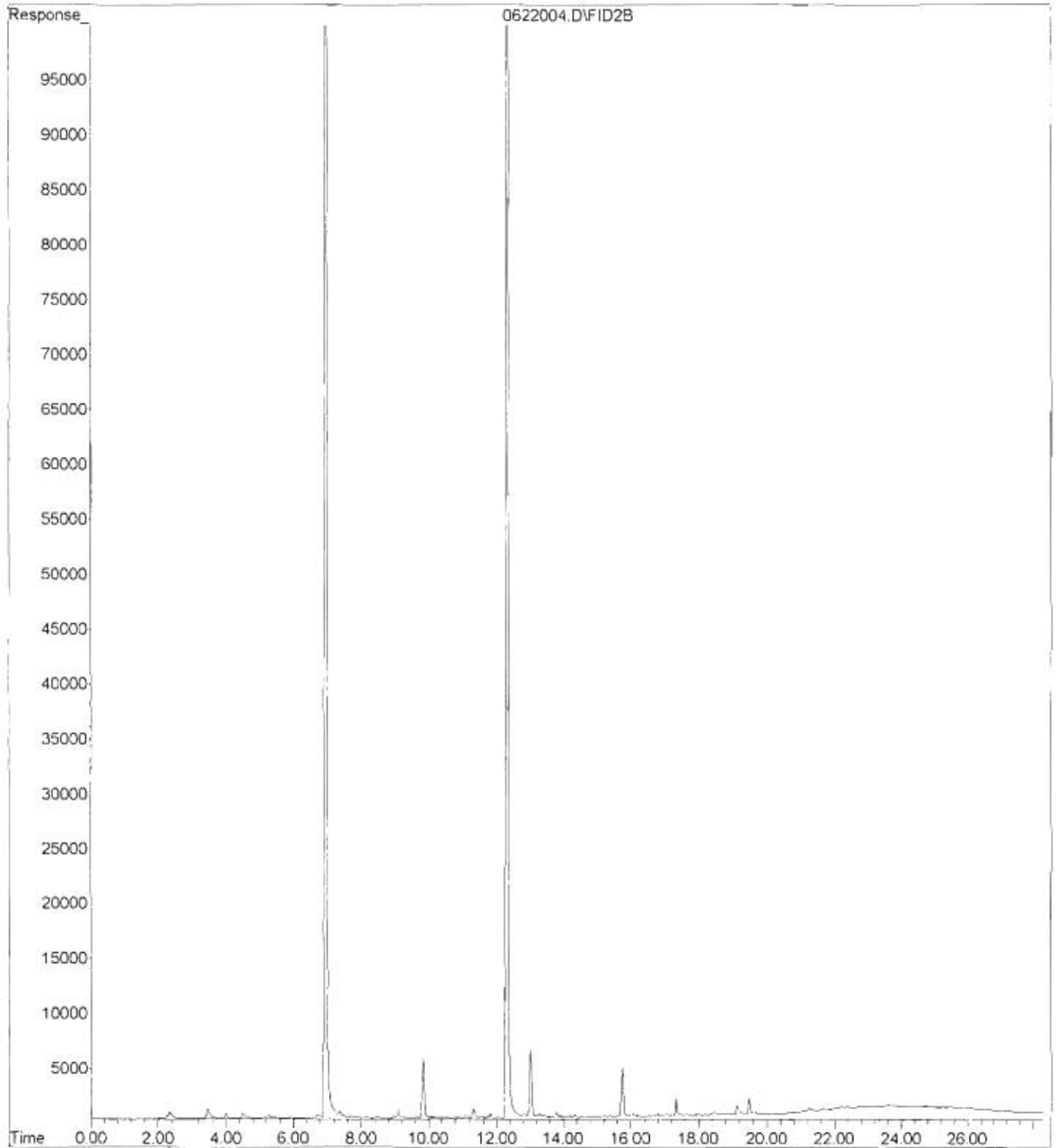




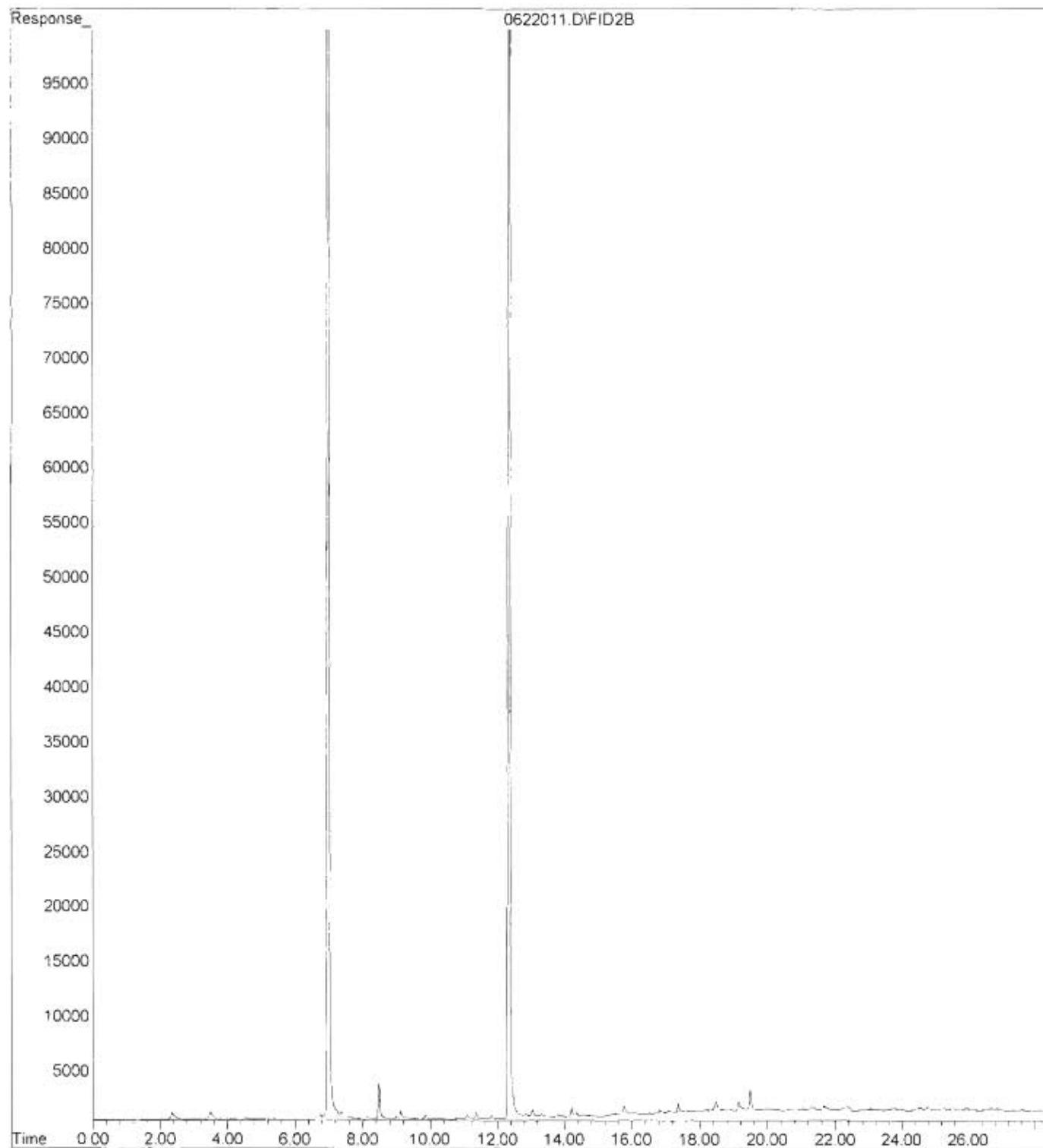
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Operator :  
Acquired : 22 Jun 2012 19:28 using AcqMethod 120423B.M  
Instrument : Daryl  
Sample Name: 06-128-01s  
Misc Info : V2-29-01  
Vial Number: 10



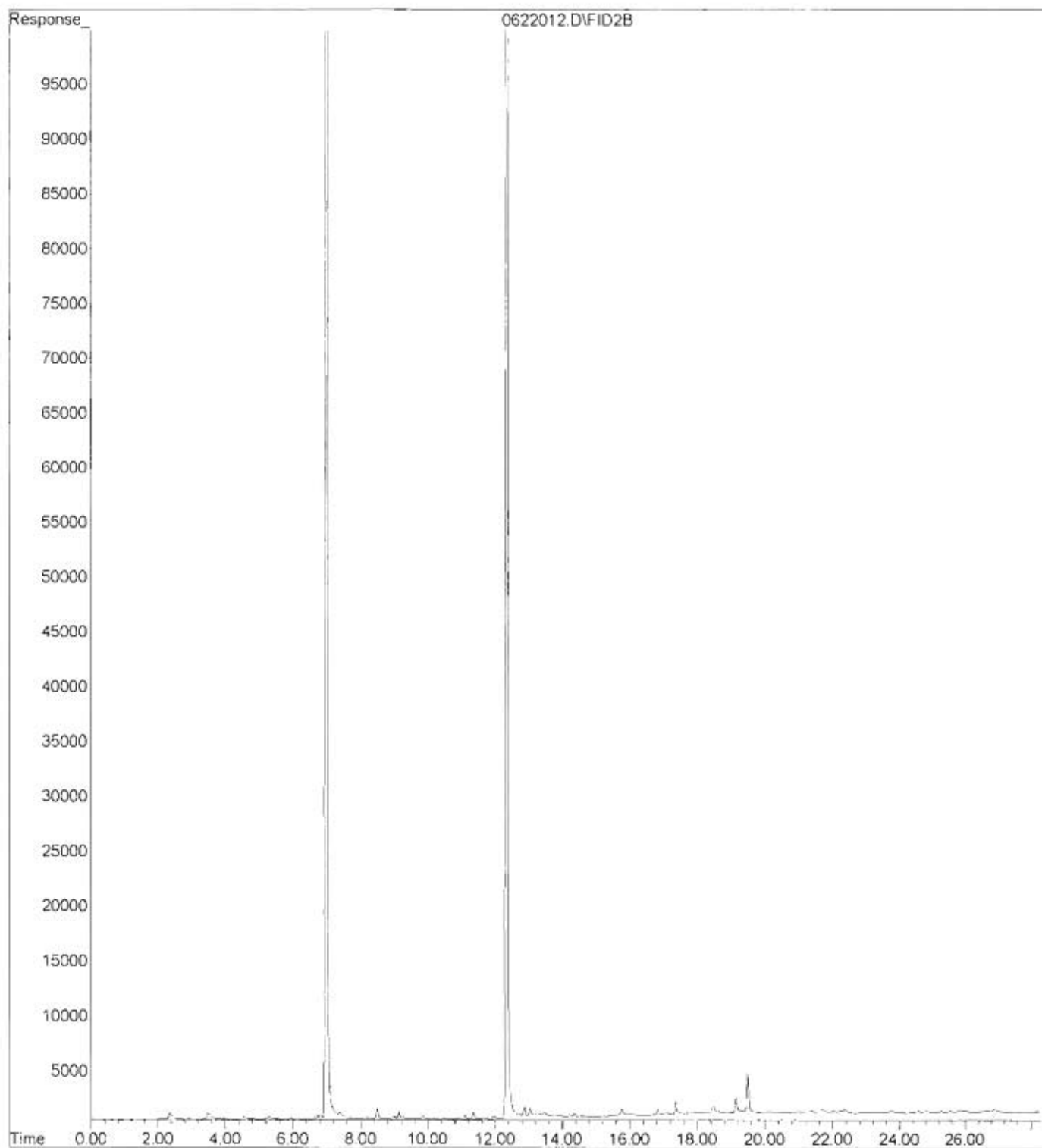
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Instrument : Daryl  
Sample Name: 06-128-02s  
Misc Info : V2-29-01  
Vial Number: 4



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Operator :  
Acquired : 22 Jun 2012 20:03 using AcqMethod 120423B.M  
Instrument : Daryl  
Sample Name: 06-128-08s  
Misc Info : V2-29-01  
Vial Number: 11

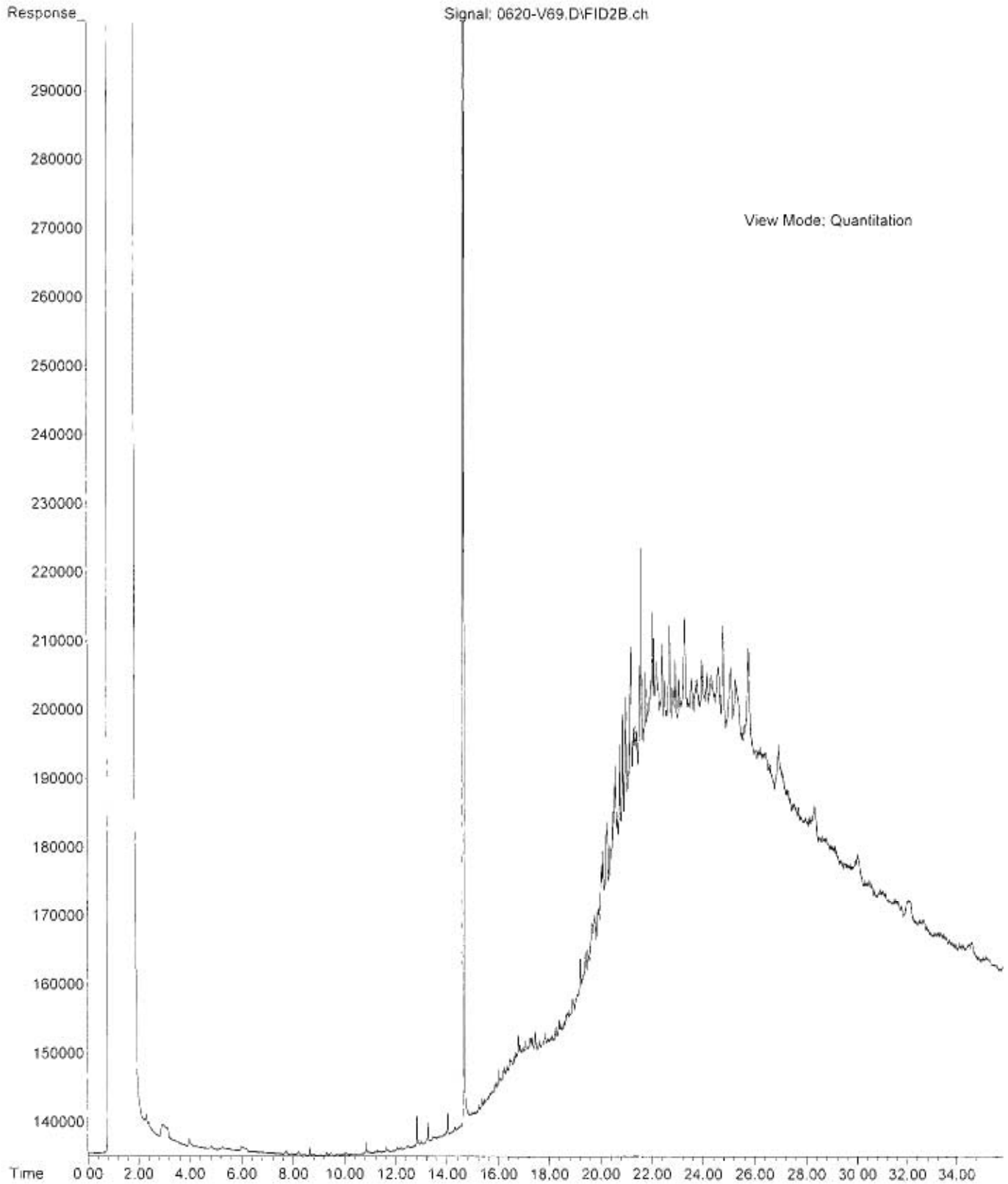


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Instrument : Daryl  
Sample Name: 06-128-10s  
Misc Info : V2-29-01  
Vial Number: 12

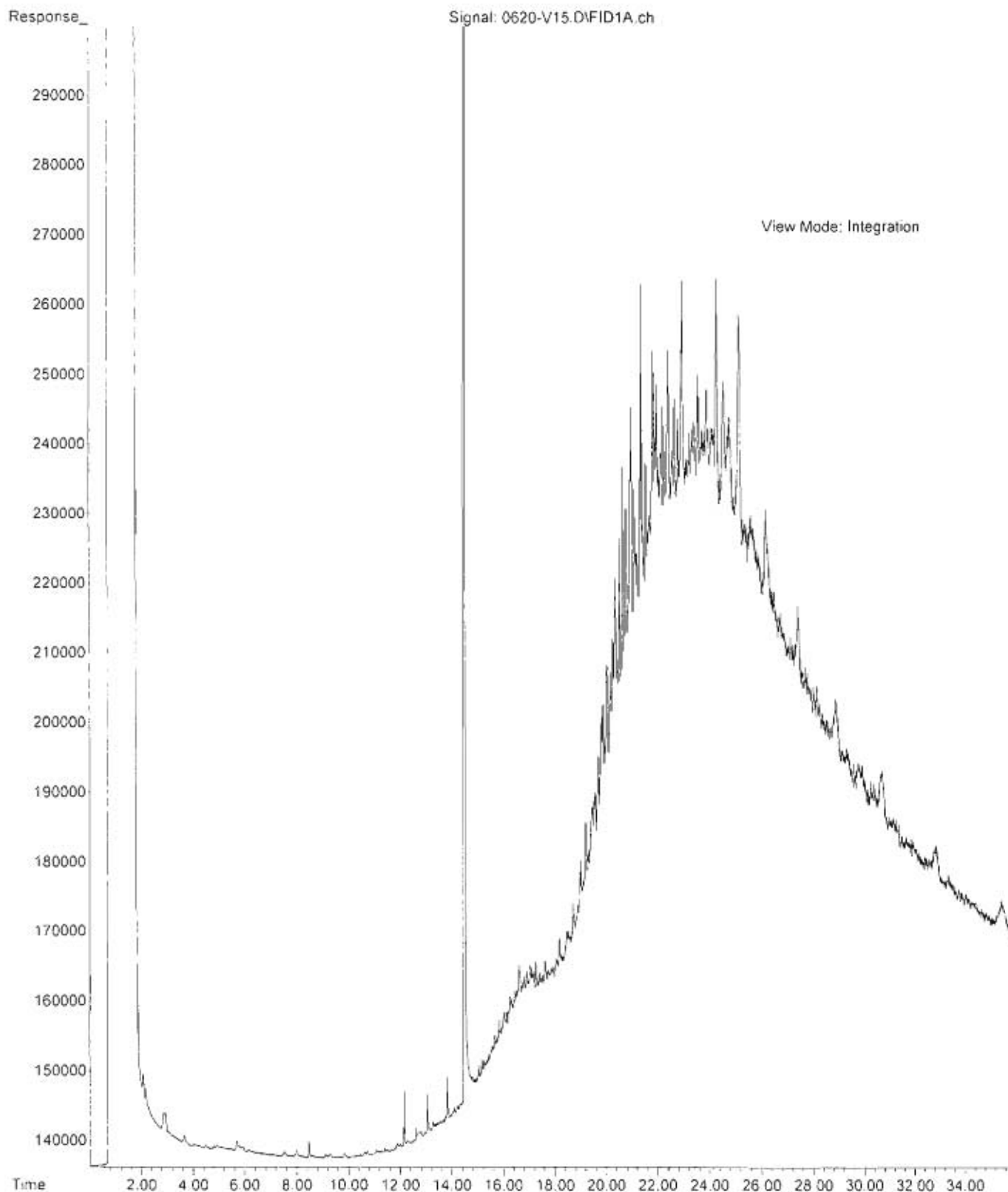




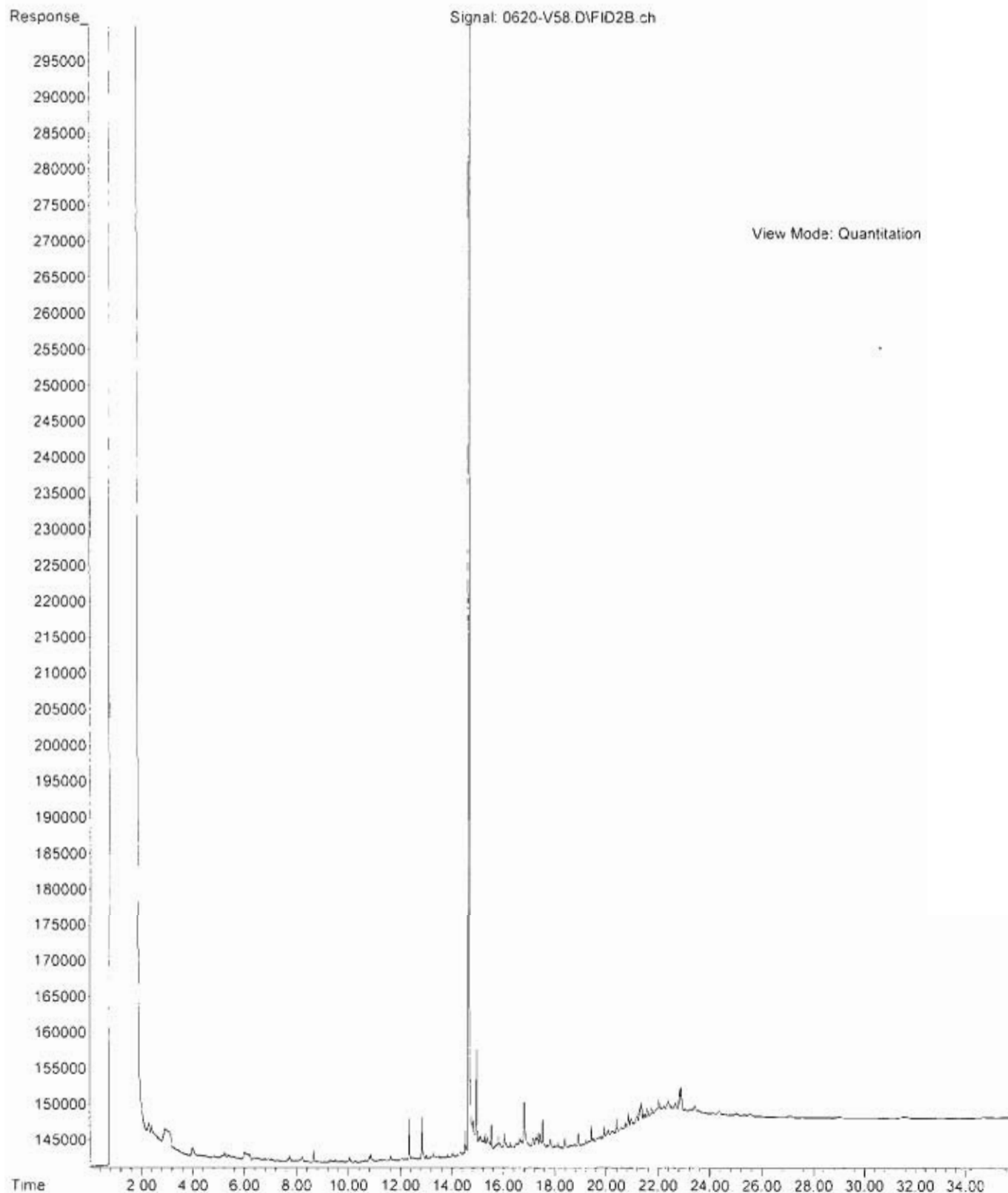
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Operator :  
Acquired : 20 Jun 2012 22:27 using AcqMethod V120607F.M  
Instrument : VIGO  
Sample Name: 06-128-01 5X  
Misc Info :  
Vial Number: 69



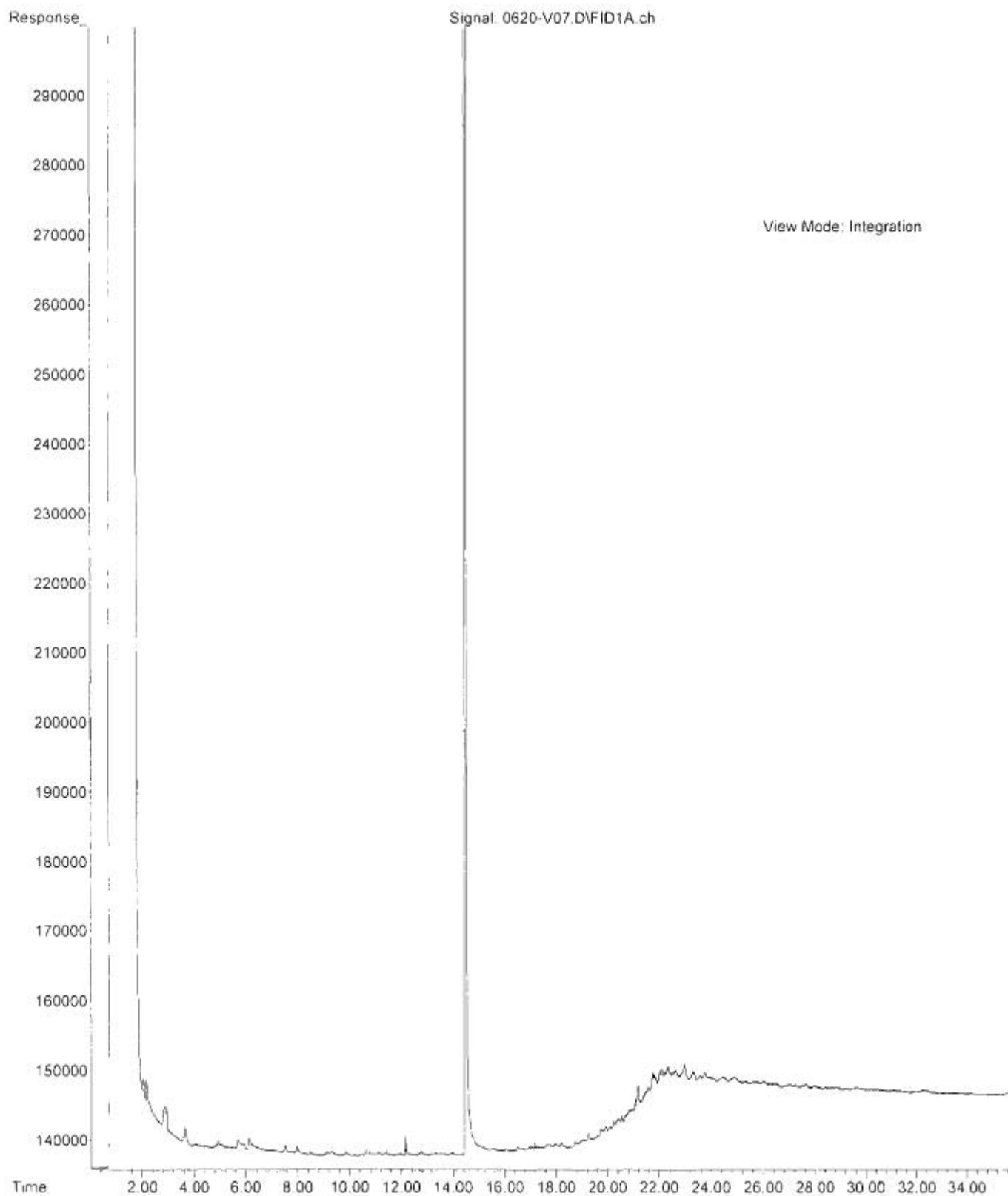
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Instrument : VIGO  
Sample Name: 06-128-02  
Misc Info :  
Vial Number: 15



File : C:\msdchem\2\DATA\V120620.SEC\0620-V58.D  
Operator :  
Acquired : 20 Jun 2012 14:58 using AcqMethod V120607F.M  
Instrument : VIGO  
Sample Name: 06-128-08  
Misc Info :  
Vial Number: 58



File : C:\msdchem\2\DATA\V120620\0620-V07.D  
Operator :  
Acquired : 20 Jun 2012 14:18 using AcqMethod V120607F.M  
Instrument : VIGO  
Sample Name: 06-128-10  
Misc Info :  
Vial Number: 7





14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

July 17, 2012

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-01  
Laboratory Reference No. 1207-072

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on July 9, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: July 17, 2012  
Samples Submitted: July 9, 2012  
Laboratory Reference: 1207-072  
Project: 0526-170-01

### **Case Narrative**

Samples were collected on July 9, 2012 and received by the laboratory on July 9, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: July 17, 2012  
Samples Submitted: July 9, 2012  
Laboratory Reference: 1207-072  
Project: 0526-170-01

**ANALYTICAL REPORT FOR SAMPLES**

<b>Client ID</b>	<b>Laboratory ID</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>	<b>Notes</b>
GEIMW-1	07-072-01	Water	7-9-12	7-9-12	
GEIMW-2	07-072-02	Water	7-9-12	7-9-12	
GEIMW-3	07-072-03	Water	7-9-12	7-9-12	
GEIMW-4	07-072-04	Water	7-9-12	7-9-12	
MW-1	07-072-05	Water	7-9-12	7-9-12	
MW-5	07-072-06	Water	7-9-12	7-9-12	

Date of Report: July 17, 2012  
 Samples Submitted: July 9, 2012  
 Laboratory Reference: 1207-072  
 Project: 0526-170-01

### NWTPH-Gx

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1</b>					
Laboratory ID:	07-072-01					
Gasoline	<b>ND</b>	100	NWTPH-Gx	7-12-12	7-12-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-116				
<b>Client ID:</b>	<b>GEIMW-2</b>					
Laboratory ID:	07-072-02					
Gasoline	<b>ND</b>	100	NWTPH-Gx	7-12-12	7-12-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-116				
<b>Client ID:</b>	<b>GEIMW-3</b>					
Laboratory ID:	07-072-03					
Gasoline	<b>ND</b>	100	NWTPH-Gx	7-12-12	7-12-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	71-116				
<b>Client ID:</b>	<b>GEIMW-4</b>					
Laboratory ID:	07-072-04					
Gasoline	<b>ND</b>	100	NWTPH-Gx	7-12-12	7-12-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-116				
<b>Client ID:</b>	<b>MW-1</b>					
Laboratory ID:	07-072-05					
Gasoline	<b>ND</b>	100	NWTPH-Gx	7-12-12	7-12-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	71-116				
<b>Client ID:</b>	<b>MW-5</b>					
Laboratory ID:	07-072-06					
Gasoline	<b>ND</b>	100	NWTPH-Gx	7-12-12	7-12-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	71-116				



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 Project: 0526-170-01

**NWTPH-Dx**  
**(with acid/silica gel clean-up)**

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1</b>					
Laboratory ID:	07-072-01					
Diesel Range Organics	<b>ND</b>	0.26	NWTPH-Dx	7-16-12	7-16-12	
Lube Oil Range Organics	<b>ND</b>	0.41	NWTPH-Dx	7-16-12	7-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	87	50-150				

<b>Client ID:</b>	<b>GEIMW-2</b>					
Laboratory ID:	07-072-02					
Diesel Range Organics	<b>ND</b>	0.26	NWTPH-Dx	7-16-12	7-16-12	
Lube Oil Range Organics	<b>ND</b>	0.41	NWTPH-Dx	7-16-12	7-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	100	50-150				

<b>Client ID:</b>	<b>GEIMW-3</b>					
Laboratory ID:	07-072-03					
Diesel Range Organics	<b>ND</b>	0.26	NWTPH-Dx	7-16-12	7-16-12	
Lube Oil Range Organics	<b>ND</b>	0.41	NWTPH-Dx	7-16-12	7-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	100	50-150				

<b>Client ID:</b>	<b>GEIMW-4</b>					
Laboratory ID:	07-072-04					
Diesel Range Organics	<b>ND</b>	0.25	NWTPH-Dx	7-16-12	7-16-12	
Lube Oil Range Organics	<b>ND</b>	0.41	NWTPH-Dx	7-16-12	7-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	104	50-150				

<b>Client ID:</b>	<b>MW-1</b>					
Laboratory ID:	07-072-05					
Diesel Range Organics	<b>ND</b>	0.26	NWTPH-Dx	7-16-12	7-16-12	
Lube Oil Range Organics	<b>ND</b>	0.41	NWTPH-Dx	7-16-12	7-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	99	50-150				

<b>Client ID:</b>	<b>MW-5</b>					
Laboratory ID:	07-072-06					
Diesel Range Organics	<b>ND</b>	0.26	NWTPH-Dx	7-16-12	7-16-12	
Lube Oil Range Organics	<b>ND</b>	0.41	NWTPH-Dx	7-16-12	7-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	110	50-150				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1</b>					
Laboratory ID:	07-072-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloromethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Vinyl Chloride	4.9	0.20	EPA 8260	7-11-12	7-11-12	
Bromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroethane	5.4	1.0	EPA 8260	7-11-12	7-11-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Acetone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Iodomethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Carbon Disulfide	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methylene Chloride	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethane	0.29	0.20	EPA 8260	7-11-12	7-11-12	
Vinyl Acetate	ND	2.0	EPA 8260	7-11-12	7-11-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
(cis) 1,2-Dichloroethene	1.4	0.20	EPA 8260	7-11-12	7-11-12	
2-Butanone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Bromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroform	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Benzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Trichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Dibromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromodichloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	7-11-12	7-11-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Toluene	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-1</b>					
<b>Laboratory ID:</b>	<b>07-072-01</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Tetrachloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Hexanone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Dibromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Ethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
m,p-Xylene	ND	0.40	EPA 8260	7-11-12	7-11-12	
o-Xylene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Styrene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromoform	ND	1.0	EPA 8260	7-11-12	7-11-12	
Isopropylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Propylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
4-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
tert-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
sec-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Naphthalene	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>78</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>80</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>63-120</i>				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-2</b>					
Laboratory ID:	07-072-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloromethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Vinyl Chloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Acetone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Iodomethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Carbon Disulfide	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methylene Chloride	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Vinyl Acetate	ND	2.0	EPA 8260	7-11-12	7-11-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
(cis) 1,2-Dichloroethene	1.2	0.20	EPA 8260	7-11-12	7-11-12	
2-Butanone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Bromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroform	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Benzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Trichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Dibromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromodichloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	7-11-12	7-11-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Toluene	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-2</b>					
<b>Laboratory ID:</b>	<b>07-072-02</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Tetrachloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Hexanone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Dibromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Ethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
m,p-Xylene	ND	0.40	EPA 8260	7-11-12	7-11-12	
o-Xylene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Styrene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromoform	ND	1.0	EPA 8260	7-11-12	7-11-12	
Isopropylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Propylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
4-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
tert-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
sec-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Naphthalene	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>85</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>86</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>63-120</i>				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-3</b>					
Laboratory ID:	07-072-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloromethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Vinyl Chloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Acetone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Iodomethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Carbon Disulfide	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methylene Chloride	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Vinyl Acetate	ND	2.0	EPA 8260	7-11-12	7-11-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Butanone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Bromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroform	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Benzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Trichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Dibromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromodichloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	7-11-12	7-11-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Toluene	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-3</b>					
<b>Laboratory ID:</b>	<b>07-072-03</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Tetrachloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Hexanone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Dibromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Ethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
m,p-Xylene	ND	0.40	EPA 8260	7-11-12	7-11-12	
o-Xylene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Styrene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromoform	ND	1.0	EPA 8260	7-11-12	7-11-12	
Isopropylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Propylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
4-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
tert-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
sec-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Naphthalene	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>84</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>80</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>63-120</i>				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4</b>					
Laboratory ID:	07-072-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloromethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Vinyl Chloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Acetone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Iodomethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Carbon Disulfide	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methylene Chloride	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Vinyl Acetate	ND	2.0	EPA 8260	7-11-12	7-11-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Butanone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Bromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroform	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Benzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Trichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Dibromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromodichloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	7-11-12	7-11-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Toluene	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	



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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>GEIMW-4</b>					
<b>Laboratory ID:</b>	<b>07-072-04</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Tetrachloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Hexanone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Dibromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Ethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
m,p-Xylene	ND	0.40	EPA 8260	7-11-12	7-11-12	
o-Xylene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Styrene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromoform	ND	1.0	EPA 8260	7-11-12	7-11-12	
Isopropylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Propylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
4-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
tert-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
sec-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Naphthalene	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>86</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>88</i>	<i>63-120</i>				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-1</b>					
Laboratory ID:	07-072-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloromethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Vinyl Chloride	1.0	0.20	EPA 8260	7-11-12	7-11-12	
Bromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Acetone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Iodomethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Carbon Disulfide	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methylene Chloride	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Vinyl Acetate	ND	2.0	EPA 8260	7-11-12	7-11-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
(cis) 1,2-Dichloroethene	1.6	0.20	EPA 8260	7-11-12	7-11-12	
2-Butanone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Bromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroform	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Benzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Trichloroethene	0.65	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Dibromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromodichloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	7-11-12	7-11-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Toluene	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-1</b>					
Laboratory ID:	07-072-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Tetrachloroethene	0.79	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Hexanone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Dibromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Ethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
m,p-Xylene	ND	0.40	EPA 8260	7-11-12	7-11-12	
o-Xylene	0.23	0.20	EPA 8260	7-11-12	7-11-12	
Styrene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromoform	ND	1.0	EPA 8260	7-11-12	7-11-12	
Isopropylbenzene	0.36	0.20	EPA 8260	7-11-12	7-11-12	
Bromobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Propylbenzene	0.70	0.20	EPA 8260	7-11-12	7-11-12	
2-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
4-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
tert-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
sec-Butylbenzene	0.75	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Butylbenzene	0.37	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Naphthalene	2.2	1.0	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>82</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>80</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>88</i>	<i>63-120</i>				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-5</b>					
Laboratory ID:	07-072-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloromethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Vinyl Chloride	0.40	0.20	EPA 8260	7-11-12	7-11-12	
Bromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Acetone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Iodomethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Carbon Disulfide	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methylene Chloride	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethane	0.53	0.20	EPA 8260	7-11-12	7-11-12	
Vinyl Acetate	ND	2.0	EPA 8260	7-11-12	7-11-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
(cis) 1,2-Dichloroethene	0.26	0.20	EPA 8260	7-11-12	7-11-12	
2-Butanone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Bromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroform	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Benzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Trichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Dibromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromodichloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	7-11-12	7-11-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Toluene	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-5</b>					
Laboratory ID:	07-072-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Tetrachloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Hexanone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Dibromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Ethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
m,p-Xylene	ND	0.40	EPA 8260	7-11-12	7-11-12	
o-Xylene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Styrene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromoform	ND	1.0	EPA 8260	7-11-12	7-11-12	
Isopropylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Propylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
4-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
tert-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
sec-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Naphthalene	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>86</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>86</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>90</i>	<i>63-120</i>				

Date of Report: July 17, 2012  
 Samples Submitted: July 9, 2012  
 Laboratory Reference: 1207-072  
 Project: 0526-170-01

**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0712W1					
Gasoline	<b>ND</b>	100	NWTPH-Gx	7-12-12	7-12-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	71-116				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	07-072-03							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				88	84	71-116		

Date of Report: July 17, 2012  
 Samples Submitted: July 9, 2012  
 Laboratory Reference: 1207-072  
 Project: 0526-170-01

**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0716W1					
Diesel Range Organics	<b>ND</b>	0.25	NWTPH-Dx	7-16-12	7-16-12	
Lube Oil Range Organics	<b>ND</b>	0.40	NWTPH-Dx	7-16-12	7-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>104</i>	<i>50-150</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	07-072-01					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			87 95	50-150		

Date of Report: July 17, 2012  
 Samples Submitted: July 9, 2012  
 Laboratory Reference: 1207-072  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0711W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloromethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Vinyl Chloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Acetone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Iodomethane	ND	1.0	EPA 8260	7-11-12	7-11-12	
Carbon Disulfide	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methylene Chloride	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Vinyl Acetate	ND	2.0	EPA 8260	7-11-12	7-11-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Butanone	ND	5.0	EPA 8260	7-11-12	7-11-12	
Bromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chloroform	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Benzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Trichloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Dibromomethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromodichloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	7-11-12	7-11-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Toluene	ND	1.0	EPA 8260	7-11-12	7-11-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	7-11-12	7-11-12	



Date of Report: July 17, 2012  
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 Laboratory Reference: 1207-072  
 Project: 0526-170-01

**VOLATILES by EPA 8260B**  
**METHOD BLANK QUALITY CONTROL**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0711W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Tetrachloroethene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Hexanone	ND	2.0	EPA 8260	7-11-12	7-11-12	
Dibromochloromethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Chlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
Ethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
m,p-Xylene	ND	0.40	EPA 8260	7-11-12	7-11-12	
o-Xylene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Styrene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromoform	ND	1.0	EPA 8260	7-11-12	7-11-12	
Isopropylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Bromobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Propylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
2-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
4-Chlorotoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
tert-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
sec-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
n-Butylbenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	7-11-12	7-11-12	
Naphthalene	ND	1.0	EPA 8260	7-11-12	7-11-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	7-11-12	7-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>80</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>80</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>84</i>	<i>63-120</i>				

Date of Report: July 17, 2012  
 Samples Submitted: July 9, 2012  
 Laboratory Reference: 1207-072  
 Project: 0526-170-01

**VOLATILES by EPA 8260B  
 MS/MSD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	07-072-03										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	<b>10.6</b>	<b>10.9</b>	10.0	10.0	ND	106	109	62-141	3	15	
Benzene	<b>9.92</b>	<b>10.3</b>	10.0	10.0	ND	99	103	78-118	4	15	
Trichloroethene	<b>10.3</b>	<b>10.0</b>	10.0	10.0	ND	103	100	80-115	3	15	
Toluene	<b>10.4</b>	<b>10.3</b>	10.0	10.0	ND	104	103	80-116	1	15	
Chlorobenzene	<b>10.6</b>	<b>10.5</b>	10.0	10.0	ND	106	105	80-118	1	15	
<i>Surrogate:</i>											
Dibromofluoromethane						85	82	66-120			
Toluene-d8						86	80	70-120			
4-Bromofluorobenzene						93	86	63-120			



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



# MVA OnSite Environmental Inc.

Analytical Laboratory Testing Services  
14248 NE 95th Street • Redmond, WA 98052  
Phone: (425) 885-3881 • www.onsite-env.com

## Chain of Custody

Page 1 of 1

07-072

Company: GREENWALLET  
 Project Number: 0526-170-01  
 Project Name: 120TH AVE AVE  
 Project Manager: JACOB LETTS  
 Sample ID: BRIAN AUDRESEN

Lab ID: \_\_\_\_\_  
 Sample Identification: \_\_\_\_\_

Turnaround Request (in working days)

(Check One)

Same Day       1 Day  
 2 Days       3 Days

Standard (7 Day) (TPH analysis 5 Days)

(other) \_\_\_\_\_

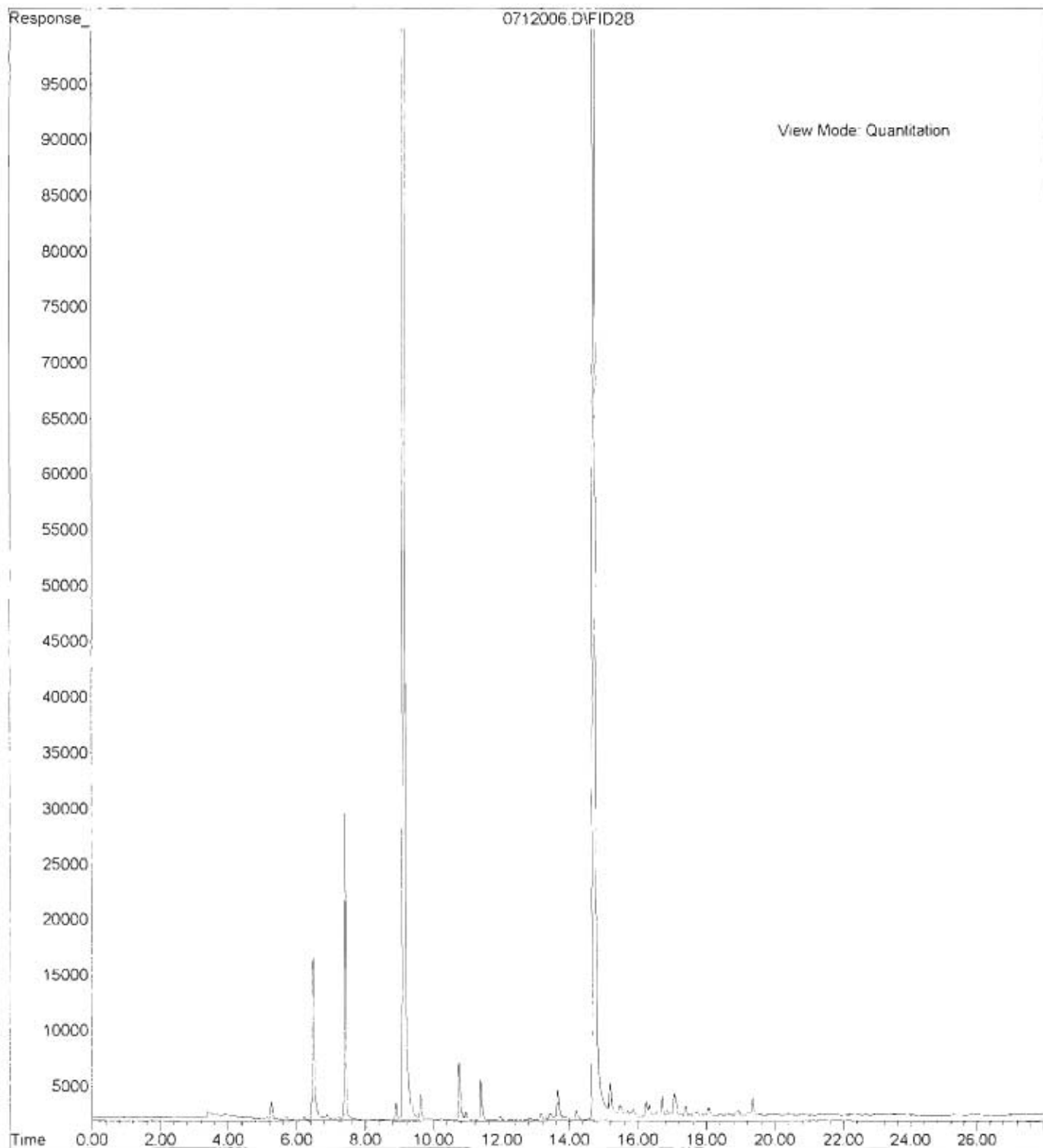
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cans	SWTPH-H2O	SWTPH-CWBTX	SWTPH-Va	SWTPH-Ox	Volatiles B2600	Halogenated volatiles B2600	Semivolatiles B2700/SIM (with low-level PAHs)	PAHs B2700-SIM (low level)	PCBs 8062	Organochlorine Pesticides 8081A	Organophosphorus Pesticides B2705/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MCA Metals	TCLP Metals	HCM ion and greater 166a	% Moisture
1	GEI MW-1	07-9-12	1250	W	7	X		X	X	X												
2	GEI MW-2	07-9-12	1142	W	7	X		X	X	X												
3	GEI MW-3	07-9-12	1338	W	7	X		X	X	X												
4	GEI MW-4	07-9-12	1416	W	7	X		X	X	X												
5	MW-1	07-9-12	1522	W	7	X		X	X	X												
6	MW-5	07-9-12	1608	W	7	X		X	X	X												

Refrigerated: \_\_\_\_\_  
 Received: \_\_\_\_\_  
 Reinstigated: \_\_\_\_\_  
 Reinstigated: \_\_\_\_\_  
 Reinstigated: \_\_\_\_\_  
 Reinstigated: \_\_\_\_\_

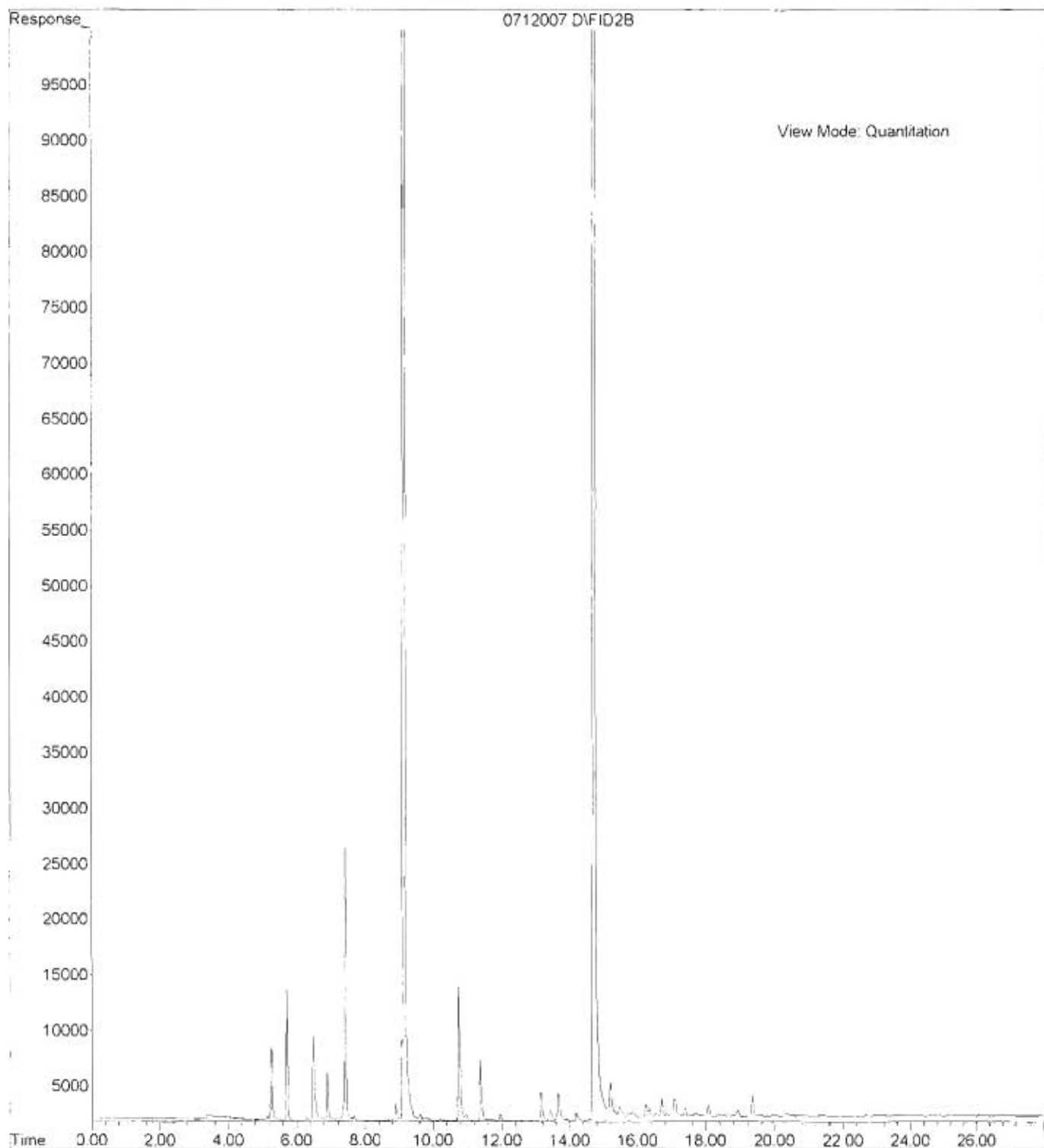
Signature: [Signature]  
 Company: GREENWALLET  
 Date: 7-9-12  
 Time: 1850

Comments/Special Instructions: \_\_\_\_\_  
 Date Received: \_\_\_\_\_  
 Chromatograms with final report: \_\_\_\_\_

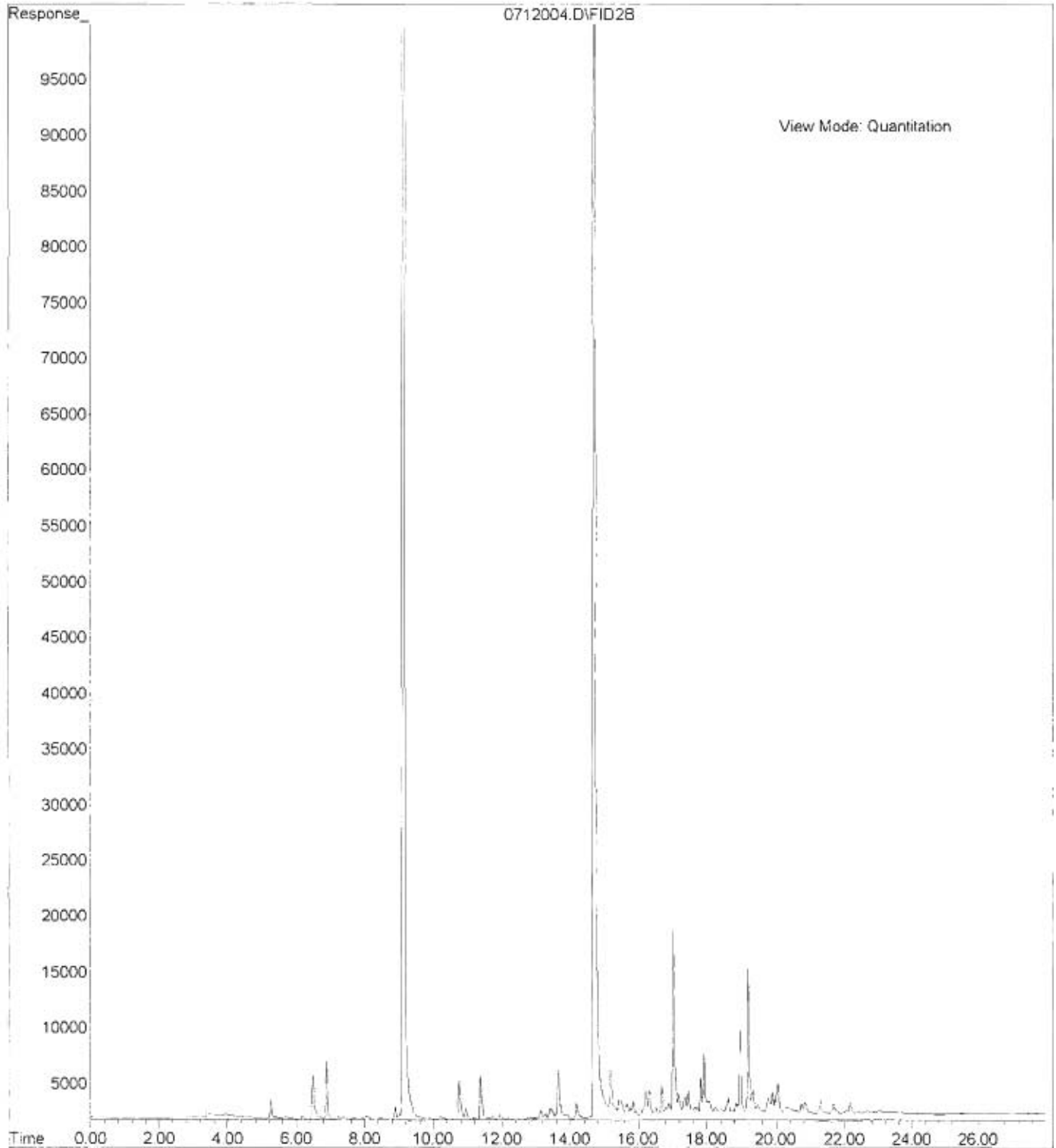
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Acquired : 12 Jul 2012 13:00 using AcqMethod 120530.M  
Instrument : HOPE  
Sample Name: 07-072-01e  
Misc Info : V2-29-01  
Vial Number: 6



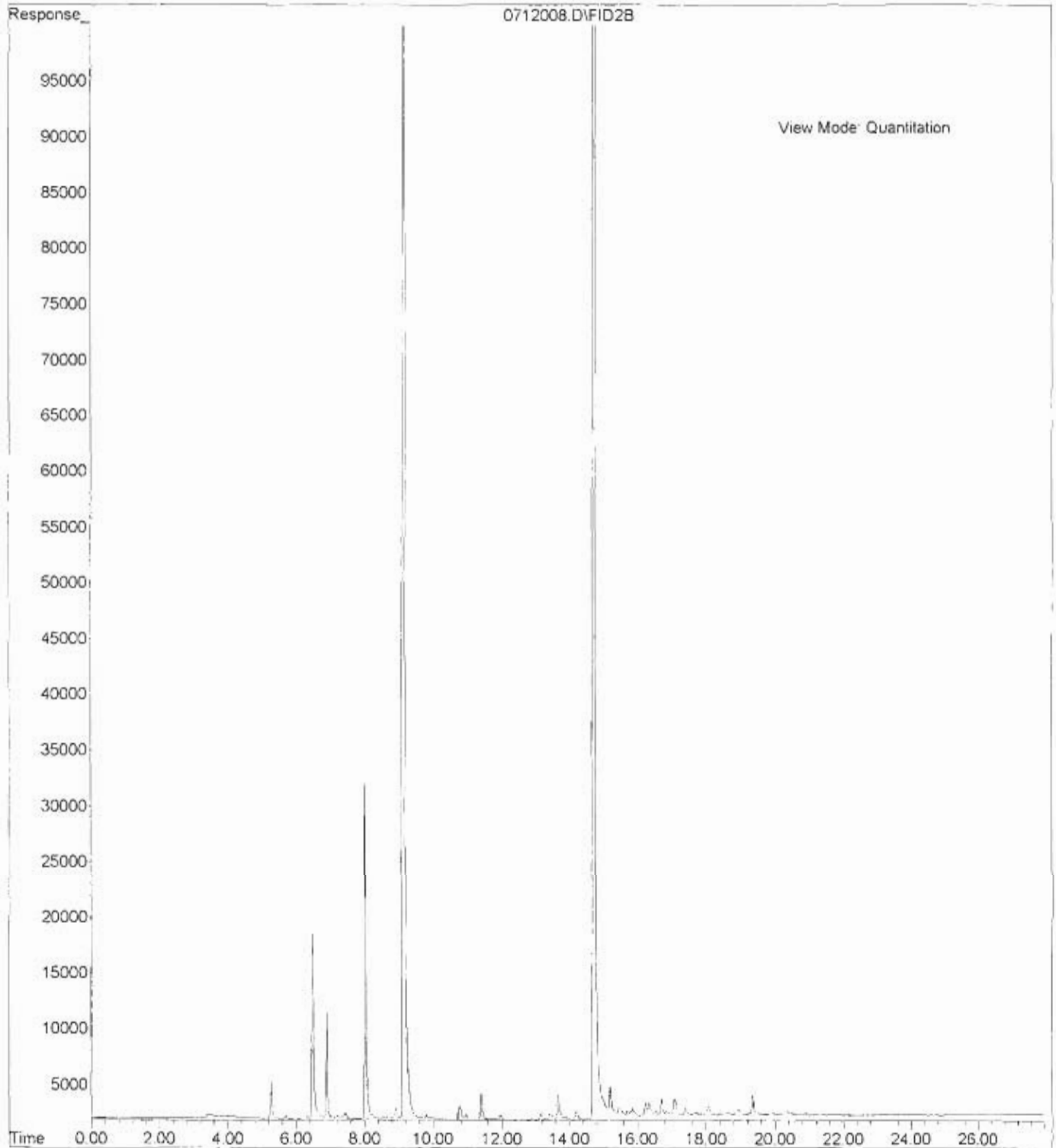
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Misc Info : V2-29-01  
Vial Number: 7



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Operator :  
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Instrument : HOPE  
Sample Name: 07-072-03g  
Misc Info : V2-29-01  
Vial Number: 4

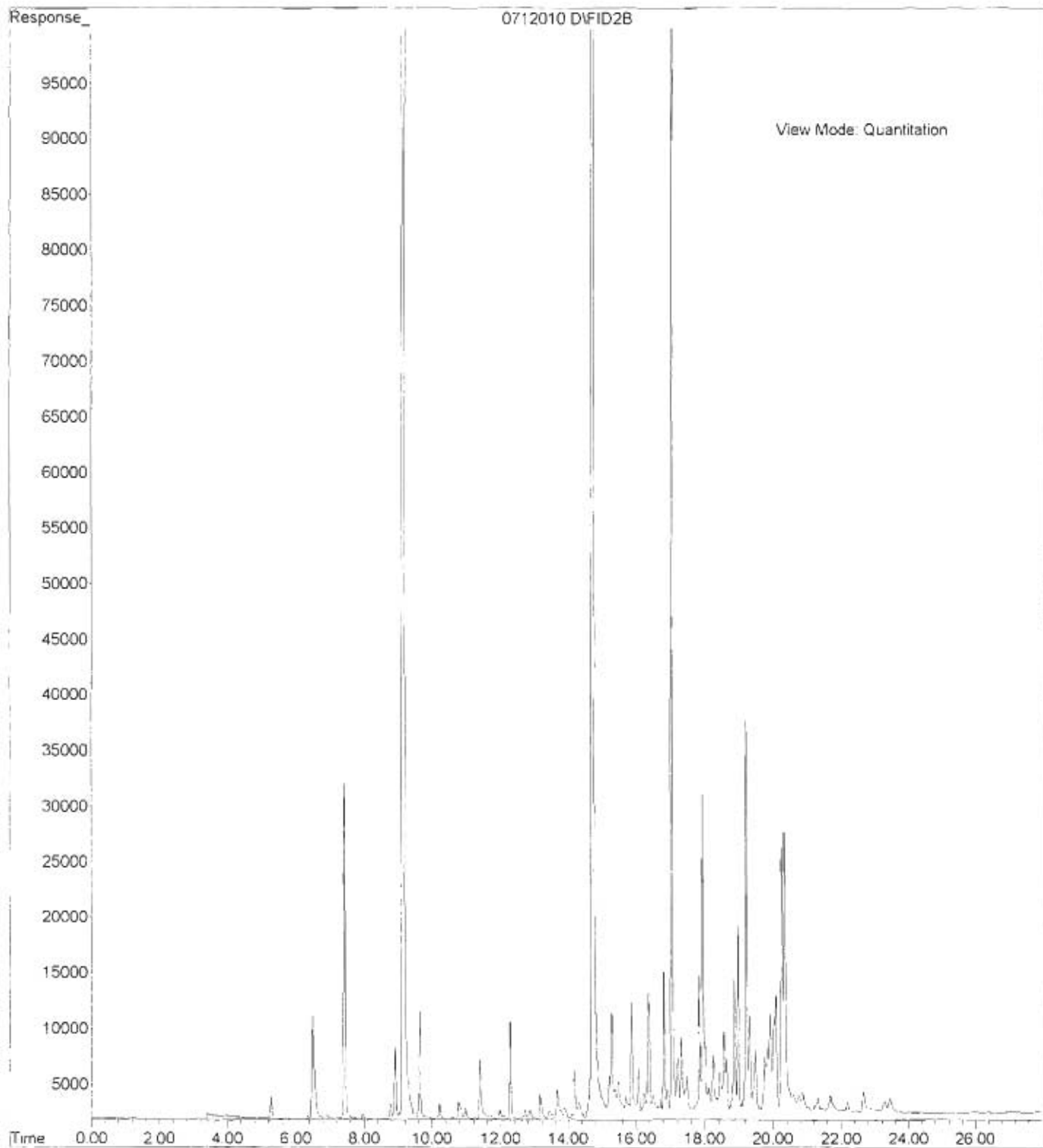


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Instrument : HOPE  
Sample Name: 07-072-04e  
Misc Info : V2-29-01  
Vial Number: 8

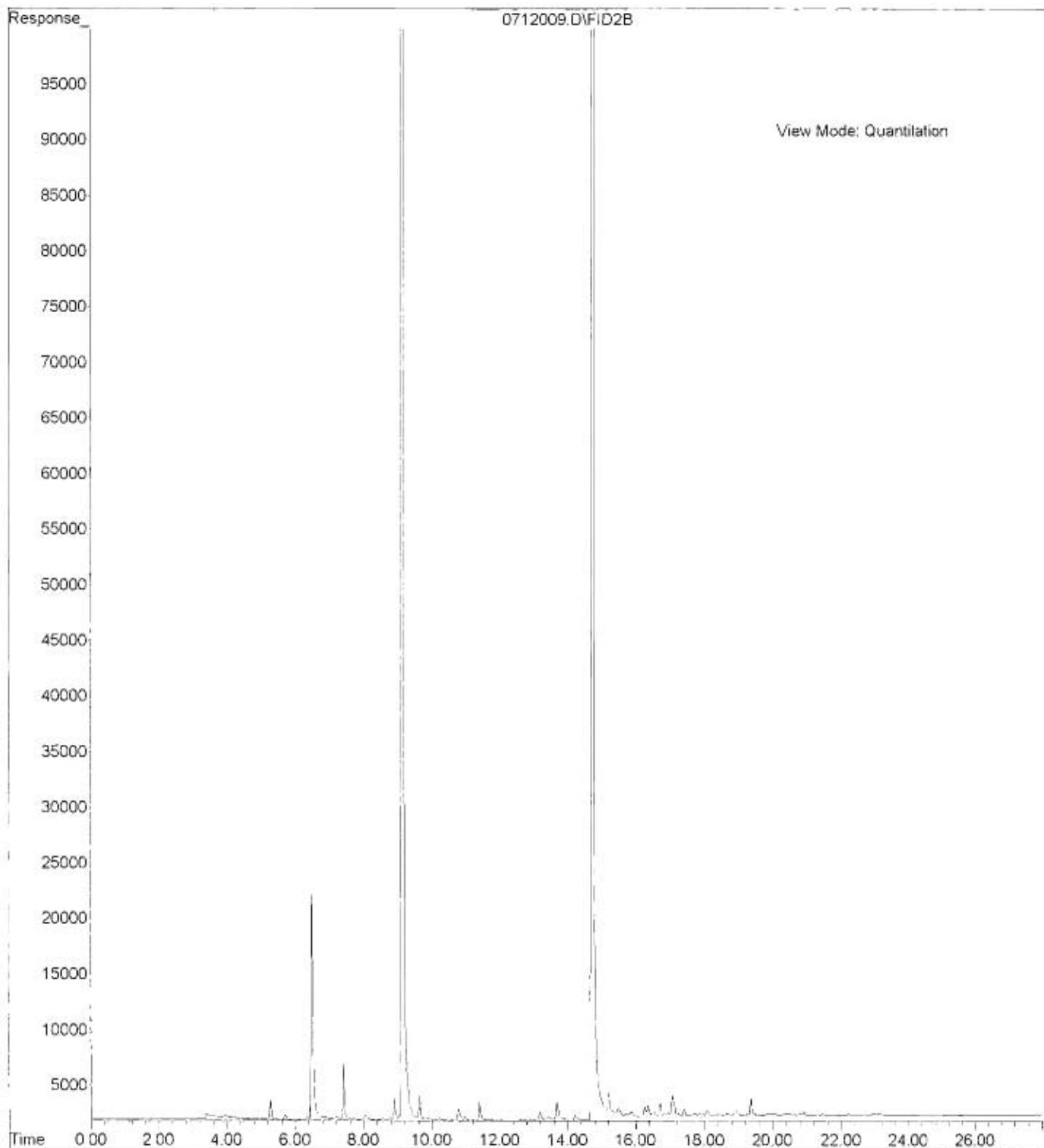




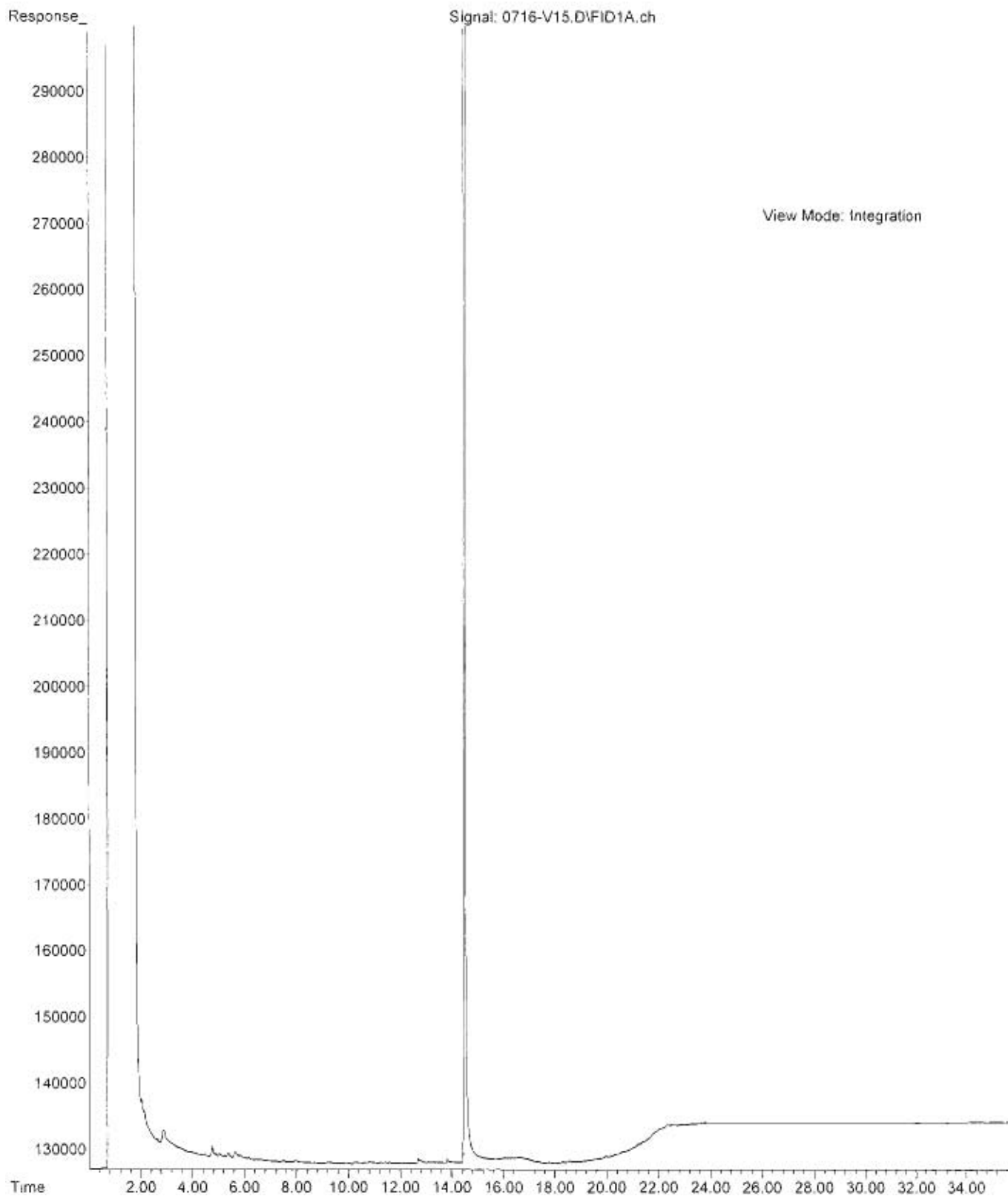
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Instrument : HOPE  
Sample Name: 07-072-05e  
Misc Info : V2-29-01  
Vial Number: 10



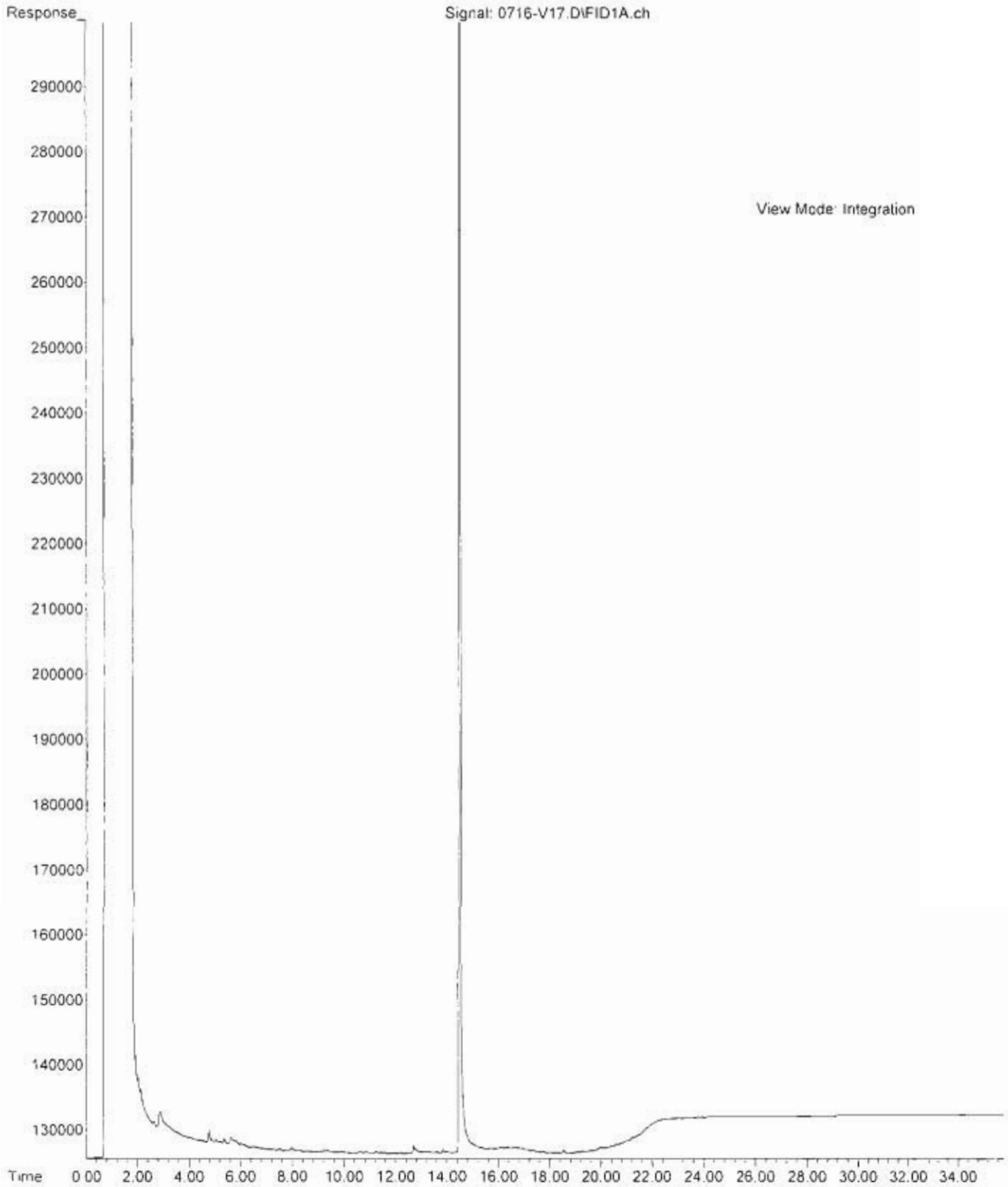
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Sample Name: 07-072-06e  
Misc Info : V2-29-01  
Vial Number: 9



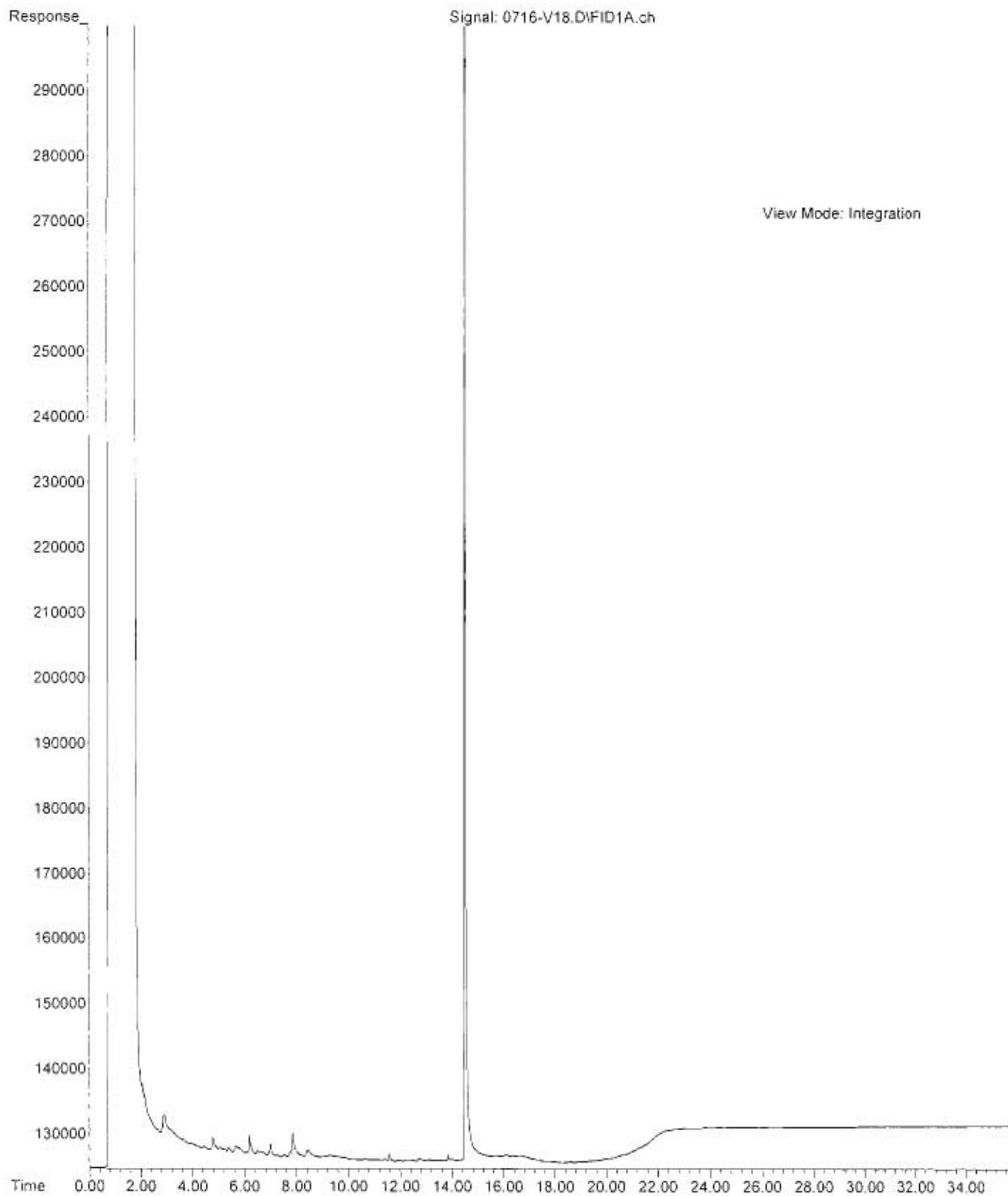
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Operator :  
Acquired : 16 Jul 2012 18:58 using AcqMethod V120607F.M  
Instrument : VIGO  
Sample Name: 07-072-01  
Misc Info :  
Vial Number: 15



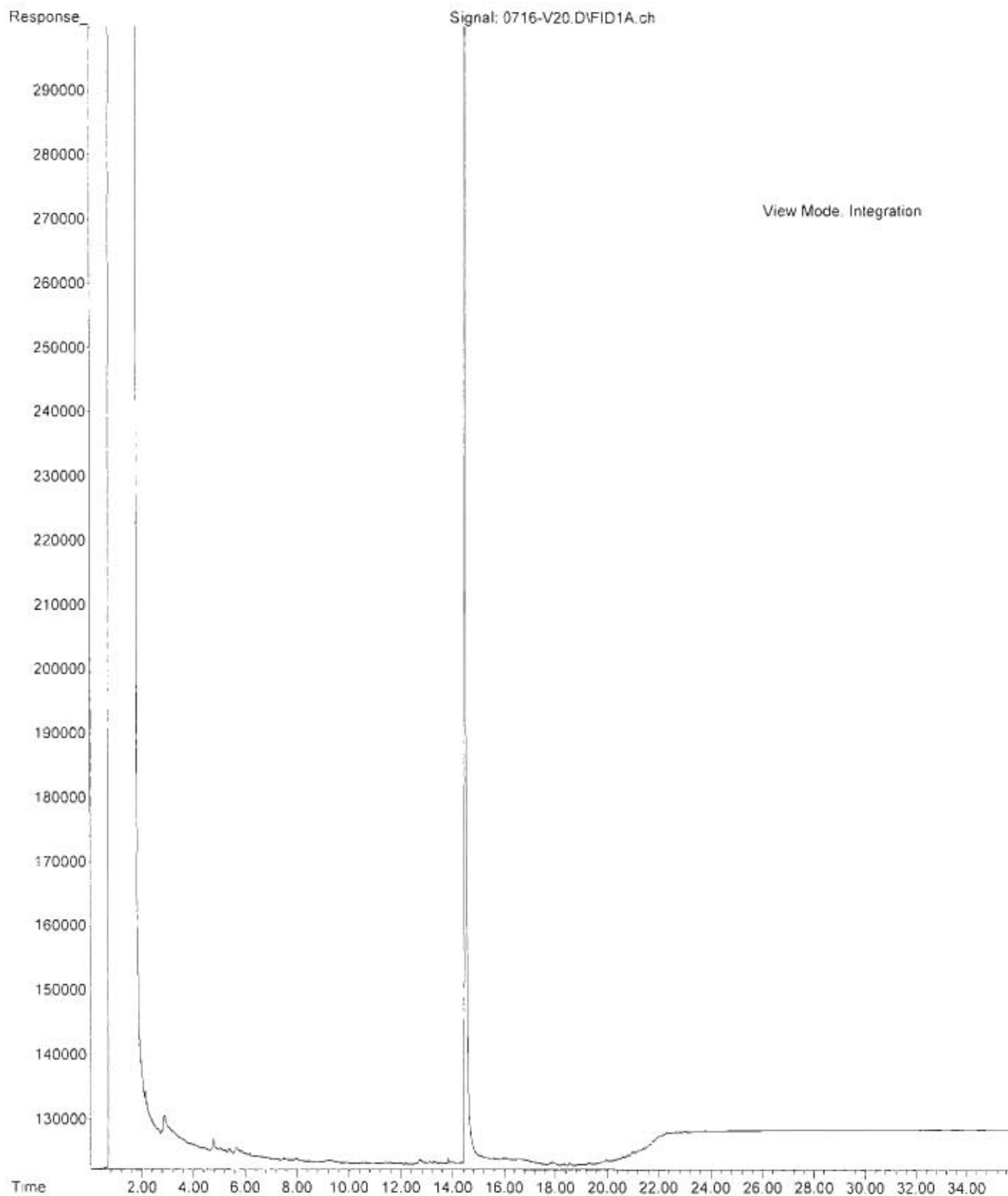
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Instrument : VIGO  
Sample Name: 07-072-02  
Misc Info :  
Vial Number: 17



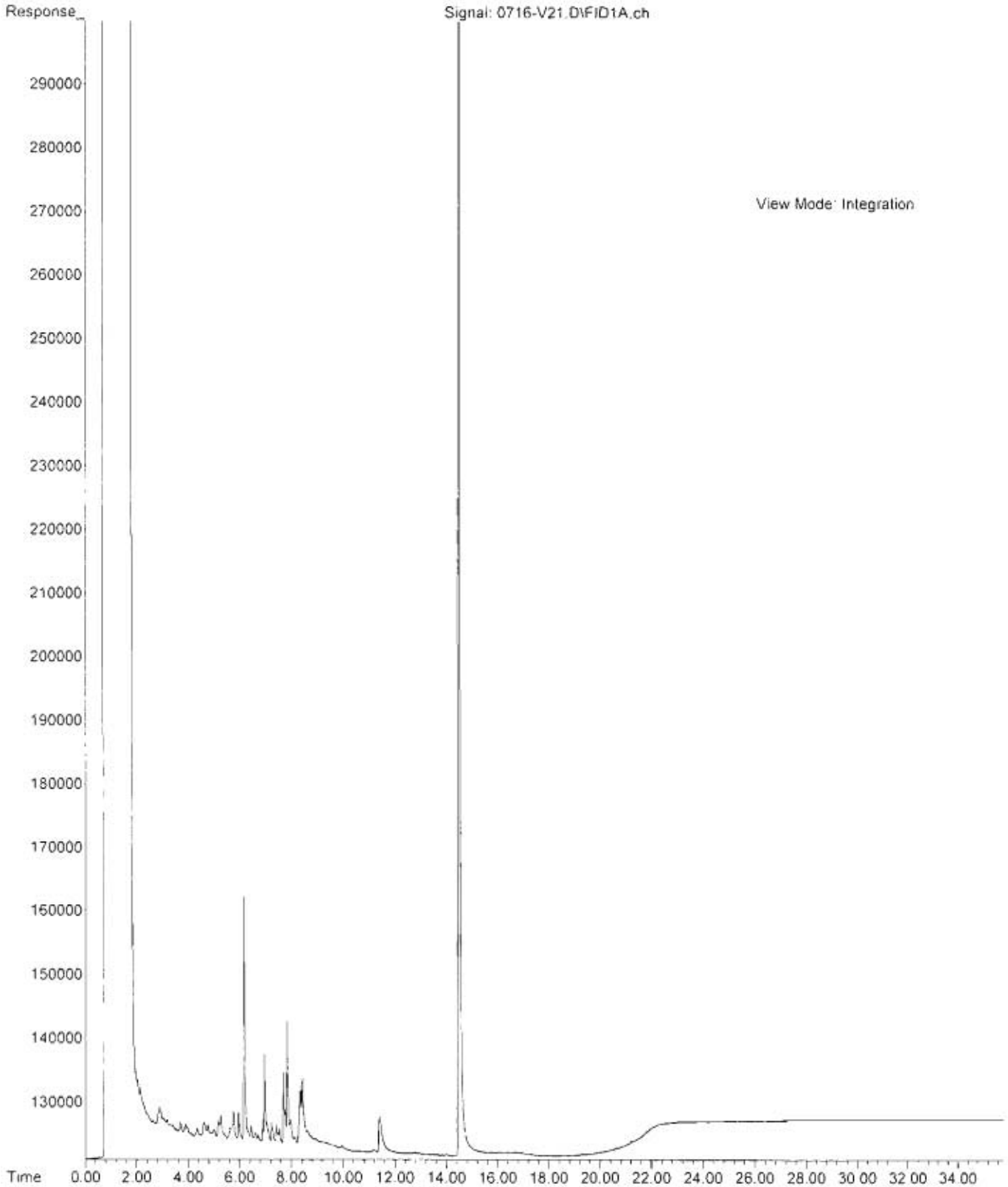
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Instrument : VIGO  
Sample Name: 07-072-03  
Misc Info :  
Vial Number: 18



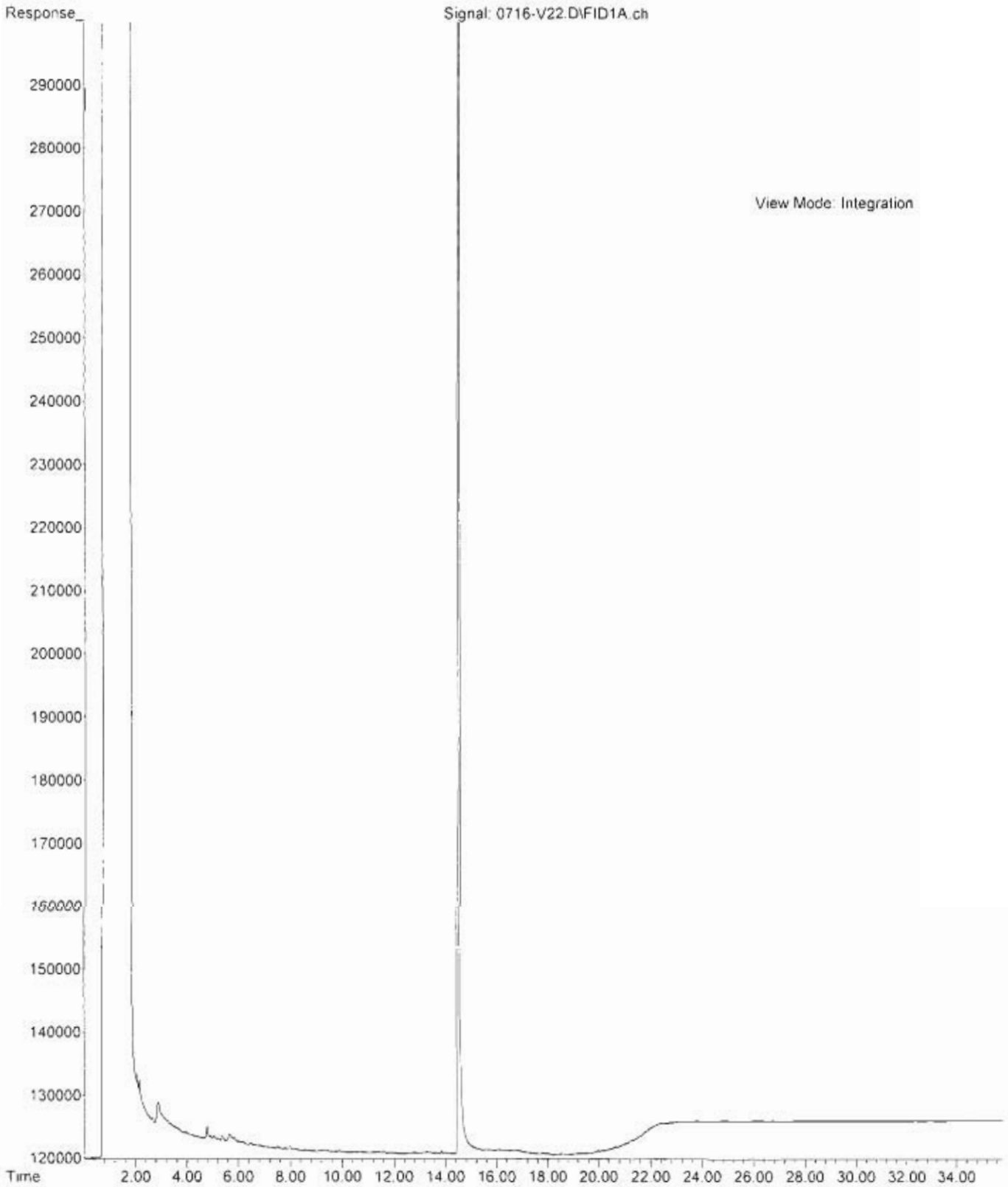
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Instrument : VIGO  
Sample Name: 07-072-04  
Misc Info :  
Vial Number: 20



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Instrument : VIGO  
Sample Name: 07-072-05  
Misc Info :  
Vial Number: 21



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Operator :  
Acquired : 16 Jul 2012 23:40 using AcqMethod V120607F.M  
Instrument : VIGO  
Sample Name: 07-072-06  
Misc Info :  
Vial Number: 22







14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

December 10, 2012

Jacob Letts  
GeoEngineers, Inc.  
600 Stewart, Suite 1700  
Seattle, WA 98101-1233

Re: Analytical Data for Project 0526-170-03  
Laboratory Reference No. 1211-234

Dear Jacob:

Enclosed are the analytical results and associated quality control data for samples submitted on November 30, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister  
Project Manager

Enclosures

Date of Report: December 10, 2012  
Samples Submitted: November 30, 2012  
Laboratory Reference: 1211-234  
Project: 0526-170-03

### **Case Narrative**

Samples were collected on November 30, 2012 and received by the laboratory on November 30, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

#### NWTPH Gx and Volatiles EPA 8260C (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: December 10, 2012  
Samples Submitted: November 30, 2012  
Laboratory Reference: 1211-234  
Project: 0526-170-03

### ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
B-117E-2.5	11-234-01	Soil	11-30-12	11-30-12	
B-117E-5.0	11-234-02	Soil	11-30-12	11-30-12	
B-117E-GW	11-234-07	Water	11-30-12	11-30-12	
B-119E-5.0	11-234-09	Soil	11-30-12	11-30-12	
B-119E-10.0	11-234-11	Soil	11-30-12	11-30-12	
B-119E-GW	11-234-13	Water	11-30-12	11-30-12	
B-115E-5.0	11-234-15	Soil	11-30-12	11-30-12	
B-115E-10.0	11-234-17	Soil	11-30-12	11-30-12	
B-115E-GW	11-234-19	Water	11-30-12	11-30-12	
B-118E-2.5	11-234-20	Soil	11-30-12	11-30-12	
B-118E-10.0	11-234-23	Soil	11-30-12	11-30-12	
B-118E-GW	11-234-26	Water	11-30-12	11-30-12	
B-116E-2.5	11-234-27	Soil	11-30-12	11-30-12	
B-116E-8.0	11-234-30	Soil	11-30-12	11-30-12	
B-116E-GW	11-234-32	Water	11-30-12	11-30-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

### NWTPH-Gx

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-117E-2.5</b>					
Laboratory ID:	11-234-01					
Gasoline	<b>ND</b>	4.4	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	70-132				
<b>Client ID:</b>	<b>B-117E-5.0</b>					
Laboratory ID:	11-234-02					
Gasoline	<b>ND</b>	4.4	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	106	70-132				
<b>Client ID:</b>	<b>B-119E-5.0</b>					
Laboratory ID:	11-234-09					
Gasoline	<b>ND</b>	4.7	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	70-132				
<b>Client ID:</b>	<b>B-119E-10.0</b>					
Laboratory ID:	11-234-11					
Gasoline	<b>ND</b>	5.0	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	70-132				
<b>Client ID:</b>	<b>B-115E-5.0</b>					
Laboratory ID:	11-234-15					
Gasoline	<b>ND</b>	5.1	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	103	70-132				
<b>Client ID:</b>	<b>B-115E-10.0</b>					
Laboratory ID:	11-234-17					
Gasoline	<b>ND</b>	5.2	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	106	70-132				

Date of Report: December 10, 2012  
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 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**NWTPH-Gx**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-118E-2.5</b>					
Laboratory ID:	11-234-20					
Gasoline	<b>ND</b>	5.5	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	100	70-132				
<b>Client ID:</b>	<b>B-118E-10.0</b>					
Laboratory ID:	11-234-23					
Gasoline	<b>ND</b>	5.3	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	97	70-132				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
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### NWTPH-Gx

Matrix: Water  
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-117E-GW</b>					
Laboratory ID:	11-234-07					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-10-12	12-10-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	71-116				
<b>Client ID:</b>	<b>B-119E-GW</b>					
Laboratory ID:	11-234-13					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	99	71-116				
<b>Client ID:</b>	<b>B-115E-GW</b>					
Laboratory ID:	11-234-19					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	98	71-116				
<b>Client ID:</b>	<b>B-118E-GW</b>					
Laboratory ID:	11-234-26					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	71-116				
<b>Client ID:</b>	<b>B-116E-GW</b>					
Laboratory ID:	11-234-32					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	71-116				

Date of Report: December 10, 2012  
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 Project: 0526-170-03

**NWTPH-Dx**  
**(with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-115E-5.0</b>					
Laboratory ID:	11-234-15					
Diesel Range Organics	<b>ND</b>	29	NWTPH-Dx	12-6-12	12-6-12	
Lube Oil Range Organics	<b>ND</b>	57	NWTPH-Dx	12-6-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	90	50-150				

<b>Client ID:</b>	<b>B-115E-10.0</b>					
Laboratory ID:	11-234-17					
Diesel Range Organics	<b>ND</b>	30	NWTPH-Dx	12-6-12	12-6-12	
Lube Oil Range Organics	<b>ND</b>	61	NWTPH-Dx	12-6-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	98	50-150				

<b>Client ID:</b>	<b>B-116E-2.5</b>					
Laboratory ID:	11-234-27					
Diesel Range Organics	<b>ND</b>	28	NWTPH-Dx	12-6-12	12-6-12	
Lube Oil	<b>97</b>	56	NWTPH-Dx	12-6-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	98	50-150				

<b>Client ID:</b>	<b>B-116E-8.0</b>					
Laboratory ID:	11-234-30					
Diesel Range Organics	<b>ND</b>	27	NWTPH-Dx	12-6-12	12-6-12	
Lube Oil Range Organics	<b>ND</b>	55	NWTPH-Dx	12-6-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	88	50-150				

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**NWTPH-Dx**  
 (with acid/silica gel clean-up)

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-117E-GW</b>					
Laboratory ID:	11-234-07					
Diesel Range Organics	<b>ND</b>	0.27	NWTPH-Dx	12-7-12	12-7-12	
Lube Oil Range Organics	<b>ND</b>	0.43	NWTPH-Dx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	104	50-150				

<b>Client ID:</b>	<b>B-115E-GW</b>					
Laboratory ID:	11-234-19					
Diesel Range Organics	<b>ND</b>	0.30	NWTPH-Dx	12-7-12	12-7-12	
Lube Oil	<b>0.55</b>	0.48	NWTPH-Dx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	118	50-150				



Date of Report: December 10, 2012  
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**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-117E-2.5</b>					
Laboratory ID:	11-234-01					
Dichlorodifluoromethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Acetone	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Iodomethane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0054	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	

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**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-117E-2.5</b>					
Laboratory ID:	11-234-01					
1,1,2-Trichloroethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0017	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00086	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>122</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>115</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>52-125</i>				

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**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-117E-5.0</b>					
<b>Laboratory ID:</b>	<b>11-234-02</b>					
Dichlorodifluoromethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Acetone	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Iodomethane	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-117E-5.0</b>					
Laboratory ID:	11-234-02					
1,1,2-Trichloroethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0018	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0044	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00088	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>105</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-119E-5.0</b>					
Laboratory ID:	11-234-09					
Dichlorodifluoromethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Acetone	0.064	0.0043	EPA 8260C	12-4-12	12-4-12	Y
Iodomethane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
2-Butanone	0.0055	0.0043	EPA 8260C	12-4-12	12-4-12	Y
Bromochloromethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	

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**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-119E-5.0</b>					
Laboratory ID:	11-234-09					
1,1,2-Trichloroethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0017	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0043	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00087	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>116</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-119E-10.0</b>					
Laboratory ID:	11-234-11					
Dichlorodifluoromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Acetone	0.052	0.0040	EPA 8260C	12-4-12	12-4-12	Y
Iodomethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Butanone	0.0069	0.0040	EPA 8260C	12-4-12	12-4-12	Y
Bromochloromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	

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**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-119E-10.0</b>					
Laboratory ID:	11-234-11					
1,1,2-Trichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0016	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>121</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>52-125</i>				



Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-115E-5.0</b>					
<b>Laboratory ID:</b>	<b>11-234-15</b>					
Dichlorodifluoromethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Acetone	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Iodomethane	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	0.0013	0.00084	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-115E-5.0</b>					
<b>Laboratory ID:</b>	11-234-15					
1,1,2-Trichloroethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0017	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0042	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00084	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>120</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-115E-10.0</b>					
Laboratory ID:	11-234-17					
Dichlorodifluoromethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Acetone	0.014	0.0040	EPA 8260C	12-4-12	12-4-12	Y
Iodomethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	0.0019	0.00081	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	0.0011	0.00081	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	0.0025	0.00081	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	0.00082	0.00081	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	0.0028	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
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 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-115E-10.0</b>					
Laboratory ID:	11-234-17					
1,1,2-Trichloroethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	0.0098	0.00081	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0016	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00081	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>Client ID:</b>	<b>B-118E-2.5</b>					
<b>Laboratory ID:</b>	<b>11-234-20</b>					
Dichlorodifluoromethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Acetone	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Iodomethane	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-118E-2.5</b>					
Laboratory ID:	11-234-20					
1,1,2-Trichloroethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0019	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0047	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00093	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-118E-10.0</b>					
Laboratory ID:	11-234-23					
Dichlorodifluoromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Acetone	0.011	0.0040	EPA 8260C	12-4-12	12-4-12	Y
Iodomethane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0051	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-118E-10.0</b>					
Laboratory ID:	11-234-23					
1,1,2-Trichloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0016	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0040	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00080	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>117</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>52-125</i>				



Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-116E-2.5</b>					
Laboratory ID:	11-234-27					
Dichlorodifluoromethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Acetone	0.051	0.0046	EPA 8260C	12-4-12	12-4-12	Y
Iodomethane	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	0.00093	0.00092	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
2-Butanone	0.0087	0.0046	EPA 8260C	12-4-12	12-4-12	Y
Bromochloromethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0058	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-116E-2.5</b>					
Laboratory ID:	11-234-27					
1,1,2-Trichloroethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0018	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0046	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00092	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>95</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-116E-8.0</b>					
Laboratory ID:	11-234-30					
Dichlorodifluoromethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Acetone	0.011	0.0039	EPA 8260C	12-4-12	12-4-12	Y
Iodomethane	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-116E-8.0</b>					
Laboratory ID:	11-234-30					
1,1,2-Trichloroethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0016	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0039	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.00079	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>119</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>111</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>101</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-117E-GW</b>					
Laboratory ID:	11-234-07					
Dichlorodifluoromethane	ND	0.25	EPA 8260C	12-5-12	12-5-12	
Chloromethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Vinyl Chloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Acetone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Iodomethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Carbon Disulfide	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methylene Chloride	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Vinyl Acetate	ND	2.0	EPA 8260C	12-5-12	12-5-12	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Butanone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Bromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroform	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Benzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Trichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Dibromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromodichloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Toluene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-117E-GW</b>					
<b>Laboratory ID:</b>	11-234-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Tetrachloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Hexanone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Dibromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Ethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
m,p-Xylene	ND	0.40	EPA 8260C	12-5-12	12-5-12	
o-Xylene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Styrene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromoform	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Isopropylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Propylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
tert-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
sec-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
p-Isopropyltoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Hexachlorobutadiene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Naphthalene	3.0	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	97	66-120				
<i>Toluene-d8</i>	98	70-120				
<i>4-Bromofluorobenzene</i>	96	63-120				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
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**VOLATILES by EPA 8260C**  
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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-119E-GW</b>					
Laboratory ID:	11-234-13					
Dichlorodifluoromethane	ND	0.25	EPA 8260C	12-5-12	12-5-12	
Chloromethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Vinyl Chloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Acetone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Iodomethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Carbon Disulfide	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methylene Chloride	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Vinyl Acetate	ND	2.0	EPA 8260C	12-5-12	12-5-12	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Butanone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Bromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroform	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Benzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Trichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Dibromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromodichloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Toluene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-119E-GW</b>					
<b>Laboratory ID:</b>	<b>11-234-13</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Tetrachloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Hexanone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Dibromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Ethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
m,p-Xylene	ND	0.40	EPA 8260C	12-5-12	12-5-12	
o-Xylene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Styrene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromoform	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Isopropylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Propylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
tert-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
sec-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
p-Isopropyltoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Hexachlorobutadiene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Naphthalene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	96	66-120				
<i>Toluene-d8</i>	93	70-120				
<i>4-Bromofluorobenzene</i>	93	63-120				



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**VOLATILES by EPA 8260C**  
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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-115E-GW</b>					
Laboratory ID:	11-234-19					
Dichlorodifluoromethane	ND	0.25	EPA 8260C	12-5-12	12-5-12	
Chloromethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Vinyl Chloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Acetone	9.1	5.0	EPA 8260C	12-5-12	12-5-12	
Iodomethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Carbon Disulfide	0.33	0.20	EPA 8260C	12-5-12	12-5-12	
Methylene Chloride	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethane	1.9	0.20	EPA 8260C	12-5-12	12-5-12	
Vinyl Acetate	ND	2.0	EPA 8260C	12-5-12	12-5-12	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
(cis) 1,2-Dichloroethene	5.0	0.20	EPA 8260C	12-5-12	12-5-12	
2-Butanone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Bromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroform	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1-Trichloroethane	1.6	0.20	EPA 8260C	12-5-12	12-5-12	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Benzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Trichloroethene	1.1	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Dibromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromodichloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Toluene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-115E-GW</b>					
<b>Laboratory ID:</b>	11-234-19					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Tetrachloroethene	1.7	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Hexanone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Dibromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Ethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
m,p-Xylene	ND	0.40	EPA 8260C	12-5-12	12-5-12	
o-Xylene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Styrene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromoform	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Isopropylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Propylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
tert-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
sec-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
p-Isopropyltoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Hexachlorobutadiene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Naphthalene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>98</i>	<i>63-120</i>				

Date of Report: December 10, 2012  
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 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-118E-GW</b>					
Laboratory ID:	11-234-26					
Dichlorodifluoromethane	ND	0.25	EPA 8260C	12-5-12	12-5-12	
Chloromethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Vinyl Chloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Acetone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Iodomethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Carbon Disulfide	0.22	0.20	EPA 8260C	12-5-12	12-5-12	
Methylene Chloride	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Vinyl Acetate	ND	2.0	EPA 8260C	12-5-12	12-5-12	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Butanone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Bromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroform	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Benzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Trichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Dibromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromodichloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Toluene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	

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**VOLATILES by EPA 8260C**  
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-118E-GW</b>					
<b>Laboratory ID:</b>	11-234-26					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Tetrachloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Hexanone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Dibromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Ethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
m,p-Xylene	ND	0.40	EPA 8260C	12-5-12	12-5-12	
o-Xylene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Styrene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromoform	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Isopropylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Propylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
tert-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
sec-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
p-Isopropyltoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Hexachlorobutadiene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Naphthalene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	99	66-120				
<i>Toluene-d8</i>	101	70-120				
<i>4-Bromofluorobenzene</i>	99	63-120				

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Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-116E-GW</b>					
Laboratory ID:	11-234-32					
Dichlorodifluoromethane	ND	0.25	EPA 8260C	12-5-12	12-5-12	
Chloromethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Vinyl Chloride	0.30	0.20	EPA 8260C	12-5-12	12-5-12	
Bromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Acetone	33	5.0	EPA 8260C	12-5-12	12-5-12	
Iodomethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Carbon Disulfide	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methylene Chloride	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethane	0.74	0.20	EPA 8260C	12-5-12	12-5-12	
Vinyl Acetate	ND	2.0	EPA 8260C	12-5-12	12-5-12	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
(cis) 1,2-Dichloroethene	0.89	0.20	EPA 8260C	12-5-12	12-5-12	
2-Butanone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Bromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroform	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Benzene	0.33	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Trichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Dibromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromodichloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Toluene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>B-116E-GW</b>					
<b>Laboratory ID:</b>	11-234-32					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Tetrachloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Hexanone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Dibromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Ethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
m,p-Xylene	ND	0.40	EPA 8260C	12-5-12	12-5-12	
o-Xylene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Styrene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromoform	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Isopropylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Propylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
tert-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trimethylbenzene	0.29	0.20	EPA 8260C	12-5-12	12-5-12	
sec-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
p-Isopropyltoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Hexachlorobutadiene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Naphthalene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>92</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>88</i>	<i>63-120</i>				

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**TOTAL LEAD  
 EPA 6010C**

Matrix: Soil  
 Units: mg/kg (ppm)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>EPA Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
Lab ID:	11-234-15					
<b>Client ID:</b>	<b>B-115E-5.0</b>					
Lead	<b>ND</b>	5.7	6010C	12-5-12	12-5-12	
Lab ID:	11-234-23					
<b>Client ID:</b>	<b>B-118E-10.0</b>					
Lead	<b>ND</b>	5.7	6010C	12-5-12	12-5-12	

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**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1205S3					
Gasoline	<b>ND</b>	5.0	NWTPH-Gx	12-5-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>								
Laboratory ID:	12-001-11							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				100	101	70-132		



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**NWTPH-Gx  
 QUALITY CONTROL**

Matrix: Water  
 Units: ug/L (ppb)

<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>Method</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Flags</b>
<b>METHOD BLANK</b>						
Laboratory ID:	MB1207W1					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	109	71-116				
Laboratory ID:	MB1210W1					
Gasoline	<b>ND</b>	100	NWTPH-Gx	12-10-12	12-10-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	99	71-116				

<b>Analyte</b>	<b>Result</b>	<b>Spike Level</b>	<b>Source Result</b>	<b>Percent Recovery</b>	<b>Recovery Limits</b>	<b>RPD</b>	<b>RPD Limit</b>	<b>Flags</b>
<b>DUPLICATE</b>								
Laboratory ID:	11-234-07							
	ORIG	DUP						
Gasoline	<b>ND</b>	<b>ND</b>	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				95	95	71-116		

Date of Report: December 10, 2012  
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**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Soil  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1206S1					
Diesel Range Organics	<b>ND</b>	25	NWTPH-Dx	12-6-12	12-6-12	
Lube Oil Range Organics	<b>ND</b>	50	NWTPH-Dx	12-6-12	12-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>108</i>	<i>50-150</i>				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-001-02					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			84 87	50-150		

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**NWTPH-Dx  
 QUALITY CONTROL  
 (with acid/silica gel clean-up)**

Matrix: Water  
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB1207W1					
Diesel Range Organics	<b>ND</b>	0.25	NWTPH-Dx	12-7-12	12-7-12	
Lube Oil Range Organics	<b>ND</b>	0.40	NWTPH-Dx	12-7-12	12-7-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	97	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>DUPLICATE</b>						
Laboratory ID:	12-001-01					
	ORIG	DUP				
Diesel Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
Lube Oil Range Organics	<b>ND</b>	<b>ND</b>		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			105 99	50-150		

Date of Report: December 10, 2012  
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 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
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Matrix: Soil  
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1204S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Chloromethane	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Vinyl Chloride	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Bromomethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Chloroethane	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Acetone	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Iodomethane	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Carbon Disulfide	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Methylene Chloride	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Vinyl Acetate	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
2-Butanone	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Bromochloromethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Chloroform	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Benzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Trichloroethene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Dibromomethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Bromodichloromethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260C	12-4-12	12-4-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Toluene	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:		MB1204S1				
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Tetrachloroethene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
2-Hexanone	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Dibromochloromethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Chlorobenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Ethylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
m,p-Xylene	ND	0.0020	EPA 8260C	12-4-12	12-4-12	
o-Xylene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Styrene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Bromoform	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Isopropylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Bromobenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
n-Propylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
2-Chlorotoluene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
4-Chlorotoluene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
tert-Butylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
sec-Butylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
n-Butylbenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	12-4-12	12-4-12	
Naphthalene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	12-4-12	12-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>116</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>112</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>102</i>	<i>52-125</i>				

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C  
 SB/SBD QUALITY CONTROL**

Matrix: Soil  
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB1204S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	<b>0.0574</b>	<b>0.0579</b>	0.0500	0.0500	115	116	65-141	1	15	
Benzene	<b>0.0532</b>	<b>0.0536</b>	0.0500	0.0500	106	107	69-121	1	15	
Trichloroethene	<b>0.0542</b>	<b>0.0537</b>	0.0500	0.0500	108	107	75-120	1	15	
Toluene	<b>0.0525</b>	<b>0.0519</b>	0.0500	0.0500	105	104	75-120	1	15	
Chlorobenzene	<b>0.0520</b>	<b>0.0512</b>	0.0500	0.0500	104	102	75-120	2	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>110</i>	<i>107</i>	<i>63-127</i>			
<i>Toluene-d8</i>					<i>104</i>	<i>103</i>	<i>65-129</i>			
<i>4-Bromofluorobenzene</i>					<i>93</i>	<i>95</i>	<i>52-125</i>			

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1205W1					
Dichlorodifluoromethane	ND	0.25	EPA 8260C	12-5-12	12-5-12	
Chloromethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Vinyl Chloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Trichlorofluoromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Acetone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Iodomethane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Carbon Disulfide	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methylene Chloride	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Vinyl Acetate	ND	2.0	EPA 8260C	12-5-12	12-5-12	
2,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Butanone	ND	5.0	EPA 8260C	12-5-12	12-5-12	
Bromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chloroform	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Carbon Tetrachloride	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Benzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Trichloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Dibromomethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromodichloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Toluene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	12-5-12	12-5-12	

Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB1205W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Tetrachloroethene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Hexanone	ND	2.0	EPA 8260C	12-5-12	12-5-12	
Dibromochloromethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromoethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Chlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Ethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
m,p-Xylene	ND	0.40	EPA 8260C	12-5-12	12-5-12	
o-Xylene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Styrene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromoform	ND	1.0	EPA 8260C	12-5-12	12-5-12	
Isopropylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Bromobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Propylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
2-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
4-Chlorotoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
tert-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
sec-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
p-Isopropyltoluene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
n-Butylbenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Hexachlorobutadiene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
Naphthalene	ND	1.0	EPA 8260C	12-5-12	12-5-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	12-5-12	12-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>102</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>97</i>	<i>63-120</i>				



Date of Report: December 10, 2012  
 Samples Submitted: November 30, 2012  
 Laboratory Reference: 1211-234  
 Project: 0526-170-03

**VOLATILES by EPA 8260C  
 MS/MSD QUALITY CONTROL**

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD		Flags
					Result	Recovery	Limits	RPD	Limit		
<b>MATRIX SPIKES</b>											
Laboratory ID:	11-234-32										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	<b>10.4</b>	<b>10.7</b>	10.0	10.0	ND	104	107	62-141	3	15	
Benzene	<b>10.4</b>	<b>10.3</b>	10.0	10.0	0.334	101	100	78-118	1	15	
Trichloroethene	<b>9.94</b>	<b>9.94</b>	10.0	10.0	ND	99	99	80-115	0	15	
Toluene	<b>10.8</b>	<b>10.5</b>	10.0	10.0	0.501	103	100	80-116	3	15	
Chlorobenzene	<b>10.9</b>	<b>10.7</b>	10.0	10.0	ND	109	107	80-118	2	15	
<i>Surrogate:</i>											
<i>Dibromofluoromethane</i>						<i>101</i>	<i>102</i>	<i>66-120</i>			
<i>Toluene-d8</i>						<i>101</i>	<i>97</i>	<i>70-120</i>			
<i>4-Bromofluorobenzene</i>						<i>96</i>	<i>99</i>	<i>63-120</i>			

Date of Report: December 10, 2012  
Samples Submitted: November 30, 2012  
Laboratory Reference: 1211-234  
Project: 0526-170-03

**TOTAL LEAD  
EPA 6010C  
METHOD BLANK QUALITY CONTROL**

Date Extracted: 12-5-12  
Date Analyzed: 12-5-12  
  
Matrix: Soil  
Units: mg/kg (ppm)  
  
Lab ID: MB1205SM1

Analyte	Method	Result	PQL
Lead	6010C	<b>ND</b>	5.0

Date of Report: December 10, 2012  
Samples Submitted: November 30, 2012  
Laboratory Reference: 1211-234  
Project: 0526-170-03

**TOTAL LEAD  
EPA 6010C  
DUPLICATE QUALITY CONTROL**

Date Extracted: 12-5-12

Date Analyzed: 12-5-12

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 12-071-15

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	<b>22.7</b>	<b>24.7</b>	9	5.0	

Date of Report: December 10, 2012  
Samples Submitted: November 30, 2012  
Laboratory Reference: 1211-234  
Project: 0526-170-03

**TOTAL LEAD  
EPA 6010C  
MS/MSD QUALITY CONTROL**

Date Extracted: 12-5-12

Date Analyzed: 12-5-12

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 12-071-15

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	<b>250</b>	91	<b>249</b>	91	0	

Date of Report: December 10, 2012  
Samples Submitted: November 30, 2012  
Laboratory Reference: 1211-234  
Project: 0526-170-03

### % MOISTURE

Date Analyzed: 12-4-12

Client ID	Lab ID	% Moisture
B-117E-2.5	11-234-01	5
B-117E-5.0	11-234-02	9
B-119E-5.0	11-234-09	14
B-119E-10.0	11-234-11	13
B-115E-5.0	11-234-15	13
B-115E-10.0	11-234-17	17
B-118E-2.5	11-234-20	8
B-118E-10.0	11-234-23	12
B-116E-2.5	11-234-27	10
B-116E-8.0	11-234-30	9



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
  - B - The analyte indicated was also found in the blank sample.
  - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
  - E - The value reported exceeds the quantitation range and is an estimate.
  - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
  - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
  - I - Compound recovery is outside of the control limits.
  - J - The value reported was below the practical quantitation limit. The value is an estimate.
  - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
  - L - The RPD is outside of the control limits.
  - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
  - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
  - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
  - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
  - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
  - P - The RPD of the detected concentrations between the two columns is greater than 40.
  - Q - Surrogate recovery is outside of the control limits.
  - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
  - T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
  - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
  - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
  - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
  - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
  - X - Sample extract treated with a mercury cleanup procedure.
  - Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
  - Z -
- ND - Not Detected at PQL  
 PQL - Practical Quantitation Limit  
 RPD - Relative Percent Difference



**MVA OnSite Environmental Inc.**  
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# Chain of Custody

**Turnaround Request**  
 (in working days)

**Laboratory Number:**

**11-234**

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days) (TPH analysis 5 Days)

(other): \_\_\_\_\_

Company: **GEDENGINEERS**  
 Project Number: **0526-170-03**  
 Project Name: **120th AVE PLUME DELINEATION**  
 Project Manager: **JACOB LETTS**  
 Sampled by: **FASIH KHAN**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx <i>Mineral Spirits</i>	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture	
1	B-117E-2.5	11/30/12	0900	S	5			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
2	B-117E-5.0	0905		S	5			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
3	B-117E-7.5	0910		S	1																		<input checked="" type="checkbox"/>
4	B-117E-10.0	0915		S	5																		<input checked="" type="checkbox"/>
5	B-117E-12.5	0920		S	1																		<input checked="" type="checkbox"/>
6	B-117E-15.0	0925		S	1																		<input checked="" type="checkbox"/>
7	B-117E-GW	1000		W	8			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
8	B-119E-2.5	1105		S	5			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
9	B-119E-5.0	1110		S	5			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/>
10	B-119E-7.5	1115		S	1																		<input checked="" type="checkbox"/>

Relinquished	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	<i>[Signature]</i>	GETI	11/30/12	1803	<input checked="" type="checkbox"/> Added 12/3/12 STA
Received	<i>[Signature]</i>	QRE	11/30/12	1803	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date					Chromatograms with final report <input type="checkbox"/>





**Onsite Environmental Inc.**  
Analytical Laboratory Testing Services

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# Chain of Custody

Turnaround Request  
(in working days)

Laboratory Number: **11-234**

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days) (TPH analysis 5 Days)

(other)

NWTPH-HCID	
NWTPH-Gw/BTEX	
NWTPH-Gx	Mineral Spirits
NWTPH-Dx	
Volatiles 8260B	
Halogenated Volatiles 8260B	
Semivolatiles 8270D/SIM (with low-level PAHs)	
PAHs 8270D/SIM (low-level)	
PCBs 8082	
Organochlorine Pesticides 8081A	
Organophosphorus Pesticides 8270D/SIM	
Chlorinated Acid Herbicides 8151A	
Total PCRA Metals	
Total MTCA Metals	
TCLP Metals	
HEM (oil and grease) 1654	
Lead	
TO 19	
% Moisture	

Company: **GEODENGINERS**  
Project Number: **0526-170-03**  
Project Name: **120th AVE RUME DELINEATION**  
Project Manager: **JACOB LETTS**  
Sampled by: **FASIH KHAN**

Date Sampled: **11/30/12**

Time Sampled: **1120** Matrix: **S** No. of Cont.: **15**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	Signature	Company	Date	Time	Comments/Special Instructions
11	B-119E-10.0	11/30/12	1120	S	15		GET	11/30/12	1803	
12	B-119E-15.0		1125	S	1		GET	11/30/12	1803	
13	B-119E-4.0		1130	W	9		GET			
14	B-115E-2.5		1210	S	5		GET			
15	B-115E-5.0		1220	S	5		GET			
16	B-115E-7.5		1225	S	1		GET			
17	B-115E-10.0		1320	S	5		GET			
18	B-115E-12.0		1325	S	1		GET			
19	B-115E-6.0		1400	W	7		GET			
20	B-118E-2.5		1420	S	5		GET			

Relinquished  
Received  
Relinquished  
Received  
Relinquished  
Received  
Reviewed/Date

Signature: *[Handwritten Signature]*

Company: **GET**

Date: **11/30/12**

Time: **1803**

Comments/Special Instructions: **Added 12/3/12 STA**

Reviewed/Date





**MVA Onsite Environmental Inc.**  
 Analytical Laboratory Testing Services  
 14648 NE 95th Street • Redmond, WA 98052  
 Phone: (425) 883-3881 • www.onsite-env.com

# Chain of Custody

**Turnaround Request**  
(in working days)

**Laboratory Number:**

Page 3 of 4  
**11-234**

(Check One)

Same Day  1 Day

2 Days  3 Days

Standard (7 Days) (TYP analysis 5 Days)

\_\_\_\_\_ (other)

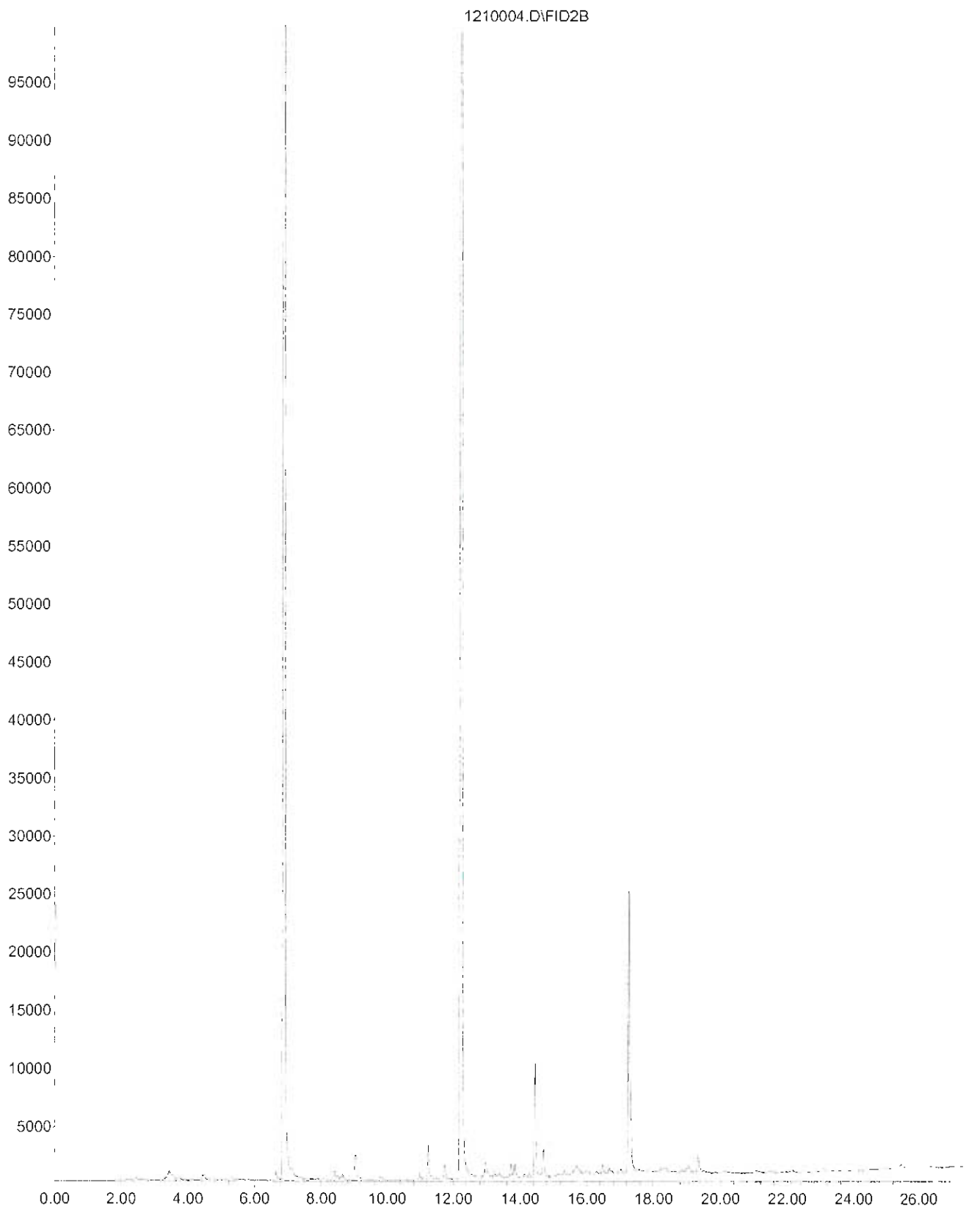
Company: **GEDENGINERS**  
 Project Number: **0526-170-03**  
 Project Name: **120th AVE RUMBLE DELINEATION**  
 Project Manager: **JACOB LETTS**

Sampled by: **FASIH KHAN**

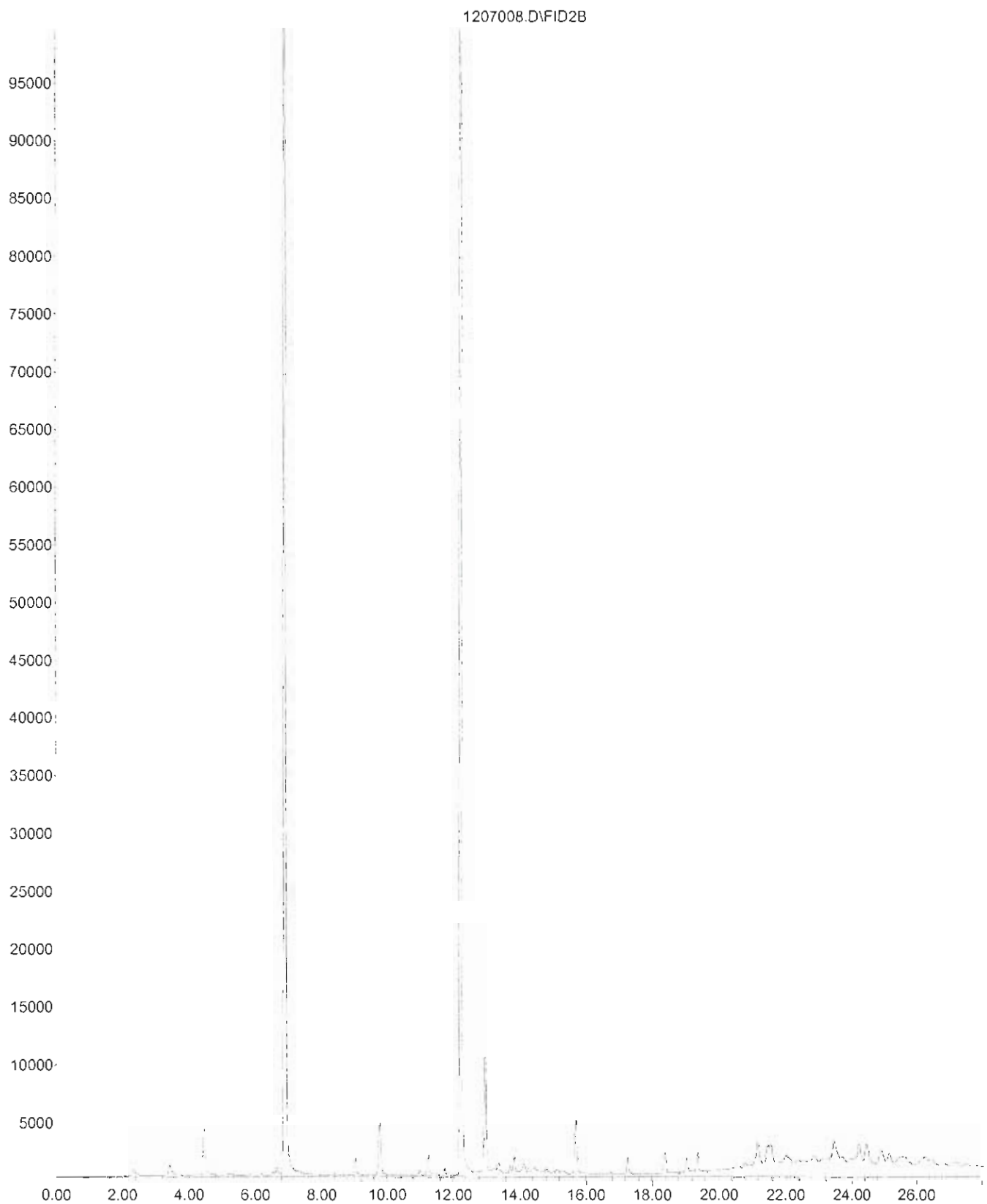
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx <i>Mineral Spirits</i>	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270(S)SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	Lead	HOLD	% Moisture	
21	B-118E-5.0	11/30/12	1425	S	5																				
22	B-118E-7.5		1440	S	1																				
23	B-118E-10.0		1430	S	15																				
24	B-118E-12.5		1450	S	1																				
25	B-118E-15.0		1450	S	1																				
26	B-118E-15.0		1500	W	7																				
27	B-116E-2.5		1540	S	5																				
28	B-116E-4.0		1545	S	5																				
29	B-116E-6.0		1550	S	1																				
30	B-116E-8.0		1555	S	1																				
	Signature	Company	Date	Time	Comments/Special Instructions																				
Relinquished	<i>[Signature]</i>	GET	11/30/12	1803	<input checked="" type="checkbox"/> Added 12/3/12 STA																				
Received	<i>[Signature]</i>	GET	11/30/12	1803																					
Relinquished																									
Received																									
Relinquished																									
Received																									
Reviewed/Date					Reviewed/Date																				



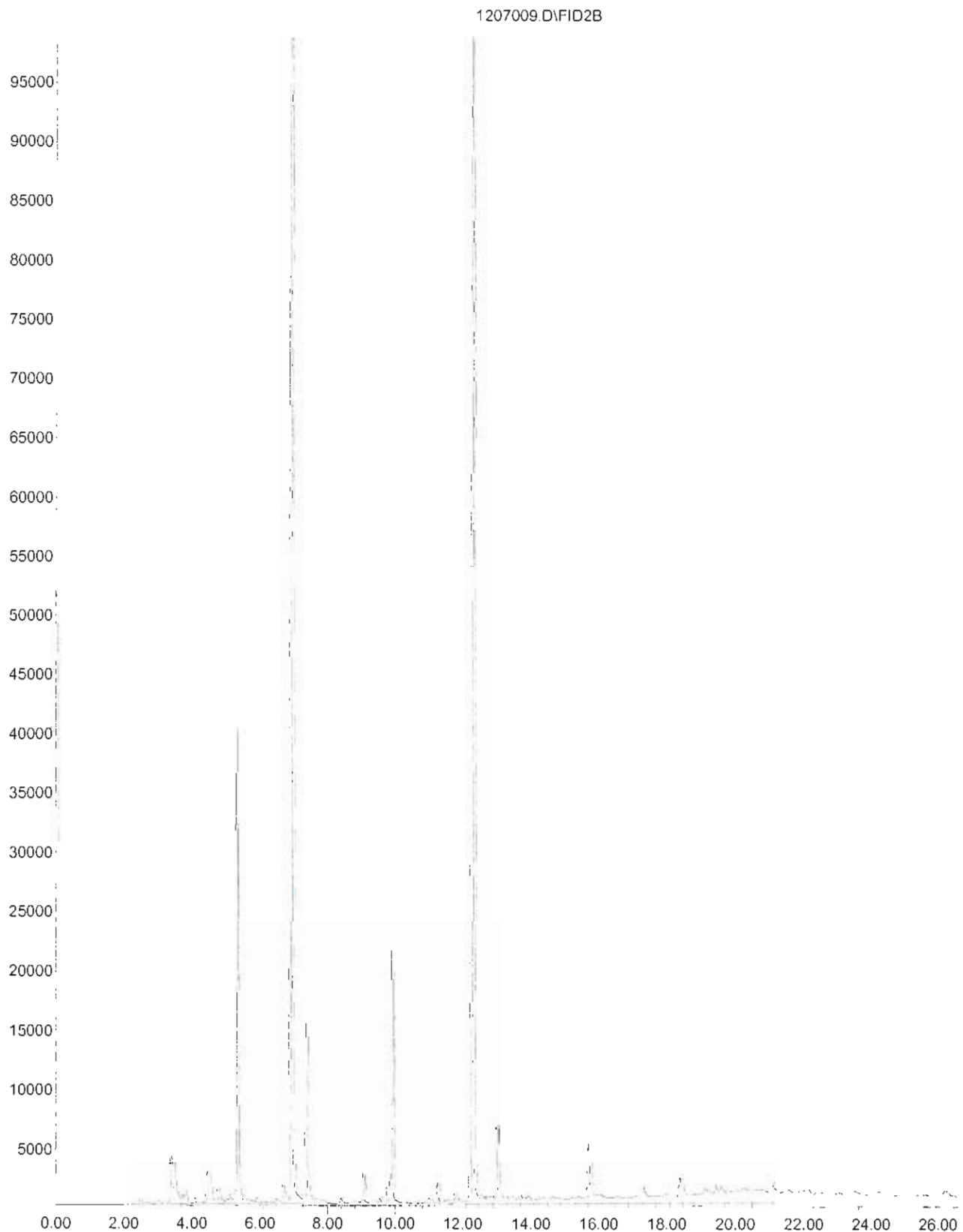
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Operator :  
Acquired : 10 Dec 2012 14:35 using AcqMethod 120911B.M  
Instrument : Daryl  
Sample Name: 11-234-07g RR  
Misc Info : V2-30-20  
Vial Number: 4



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Operator :  
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Instrument : Daryl  
Sample Name: 11-234-13g  
Misc Info : V2-30-20  
Vial Number: 8

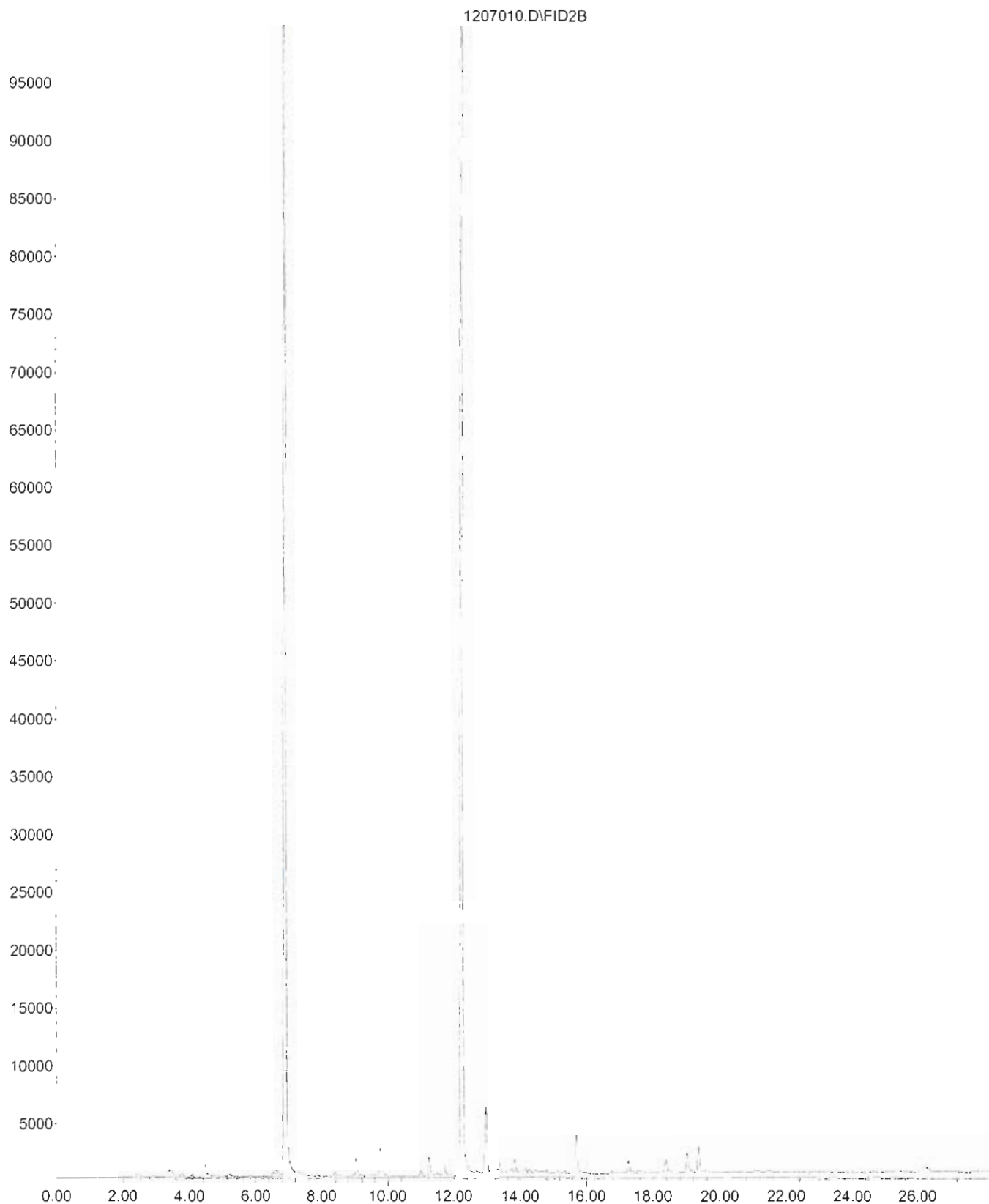


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Sample Name: 11-234-19g  
Misc Info : V2-30-20  
Vial Number: 9

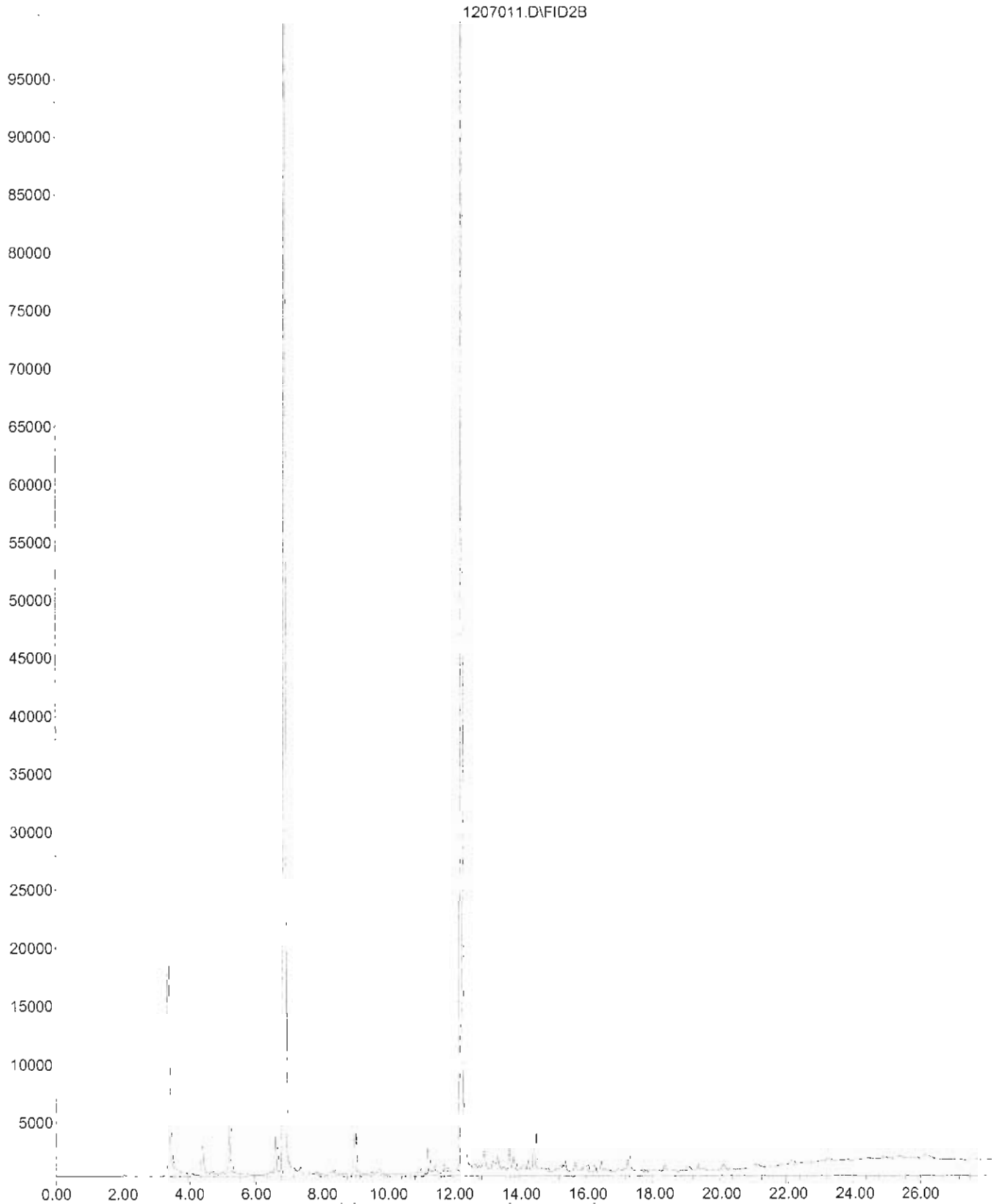




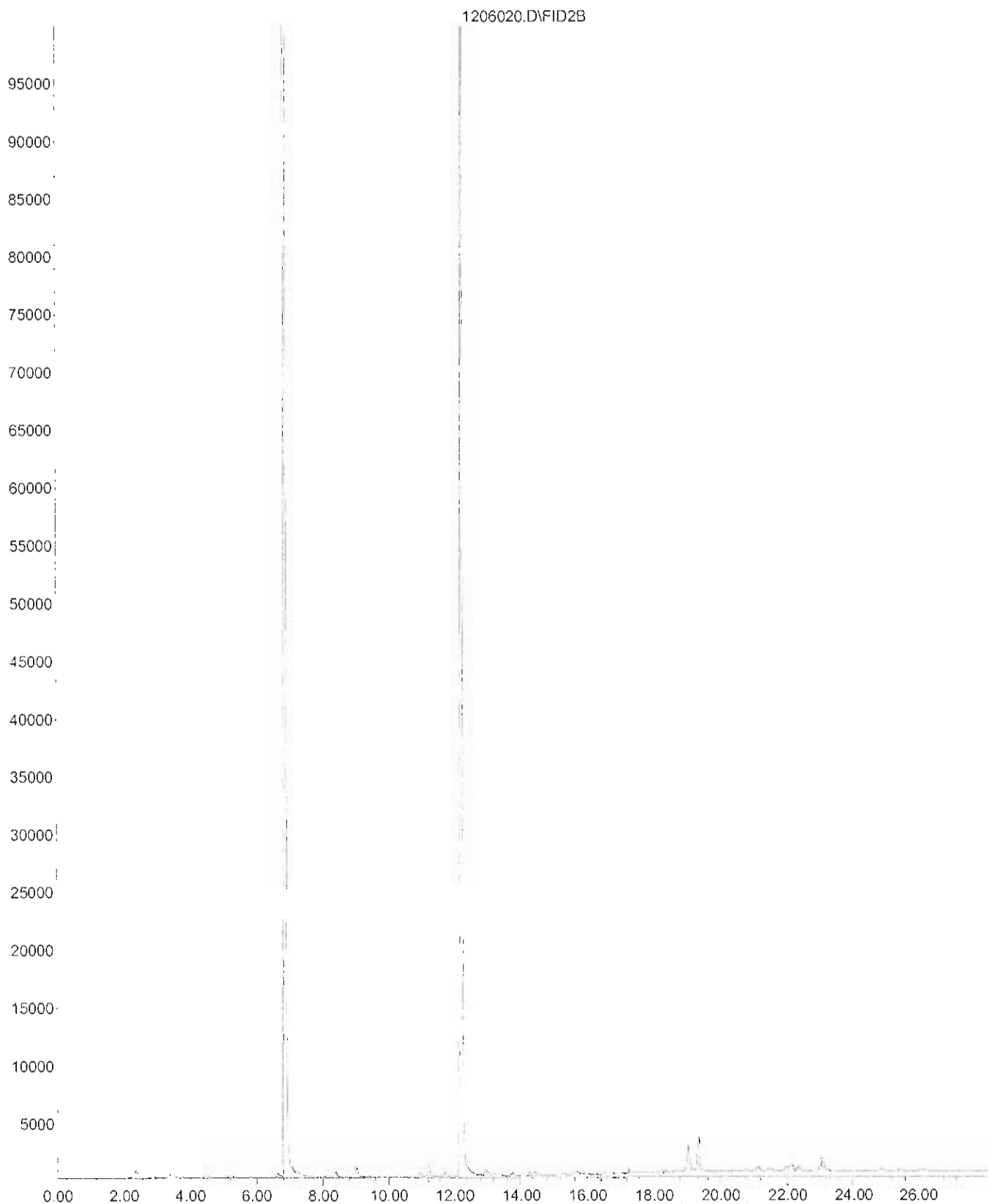
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Instrument : Daryl  
Sample Name: 11-234-26g  
Misc Info : V2-30-20  
Vial Number: 10



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Instrument : Daryl  
Sample Name: 11-234-32g  
Misc Info : V2-30-20  
Vial Number: 11

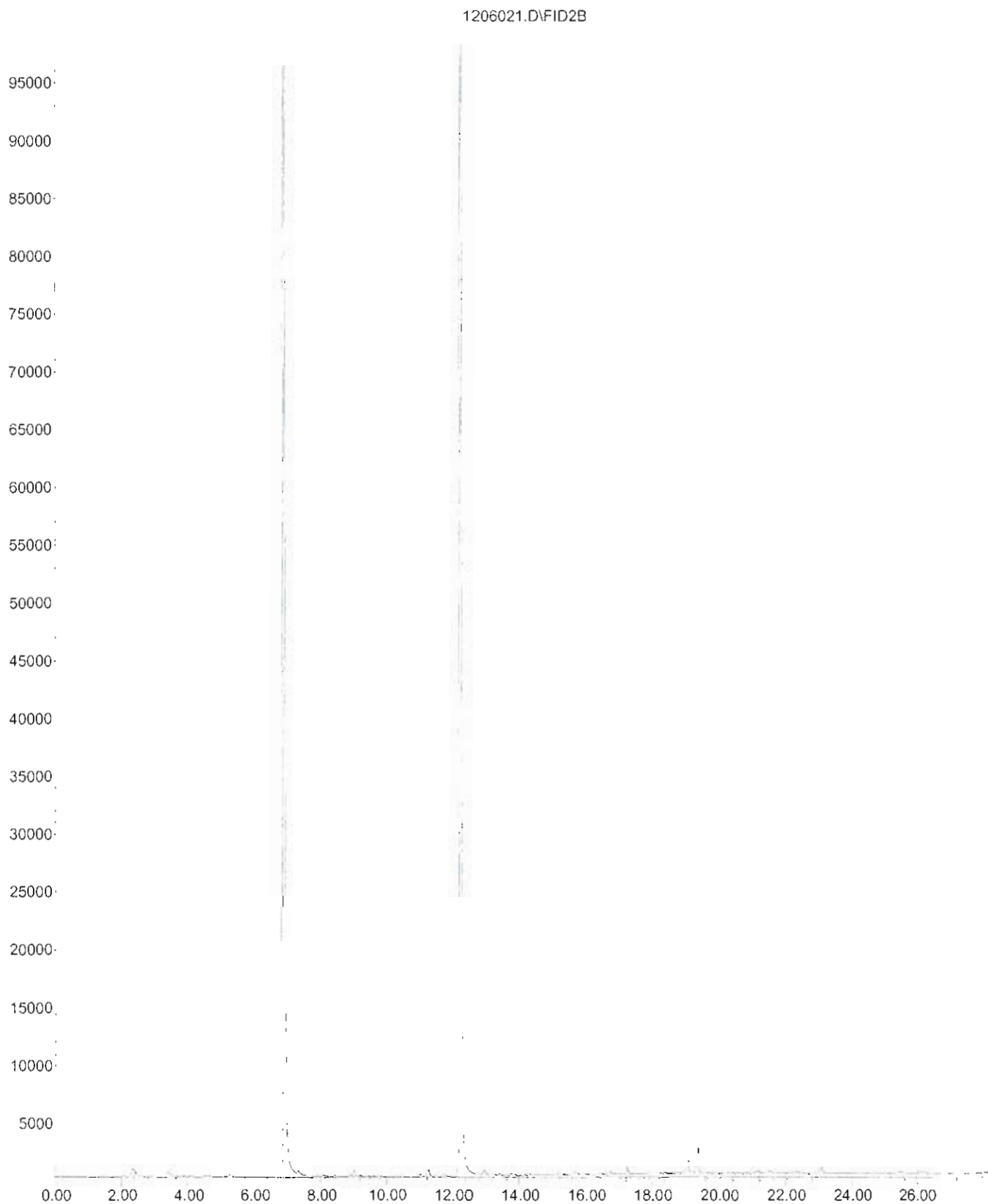


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Instrument : Daryl  
Sample Name: 11-234-01s  
Misc Info : V2-30-24  
Vial Number: 20

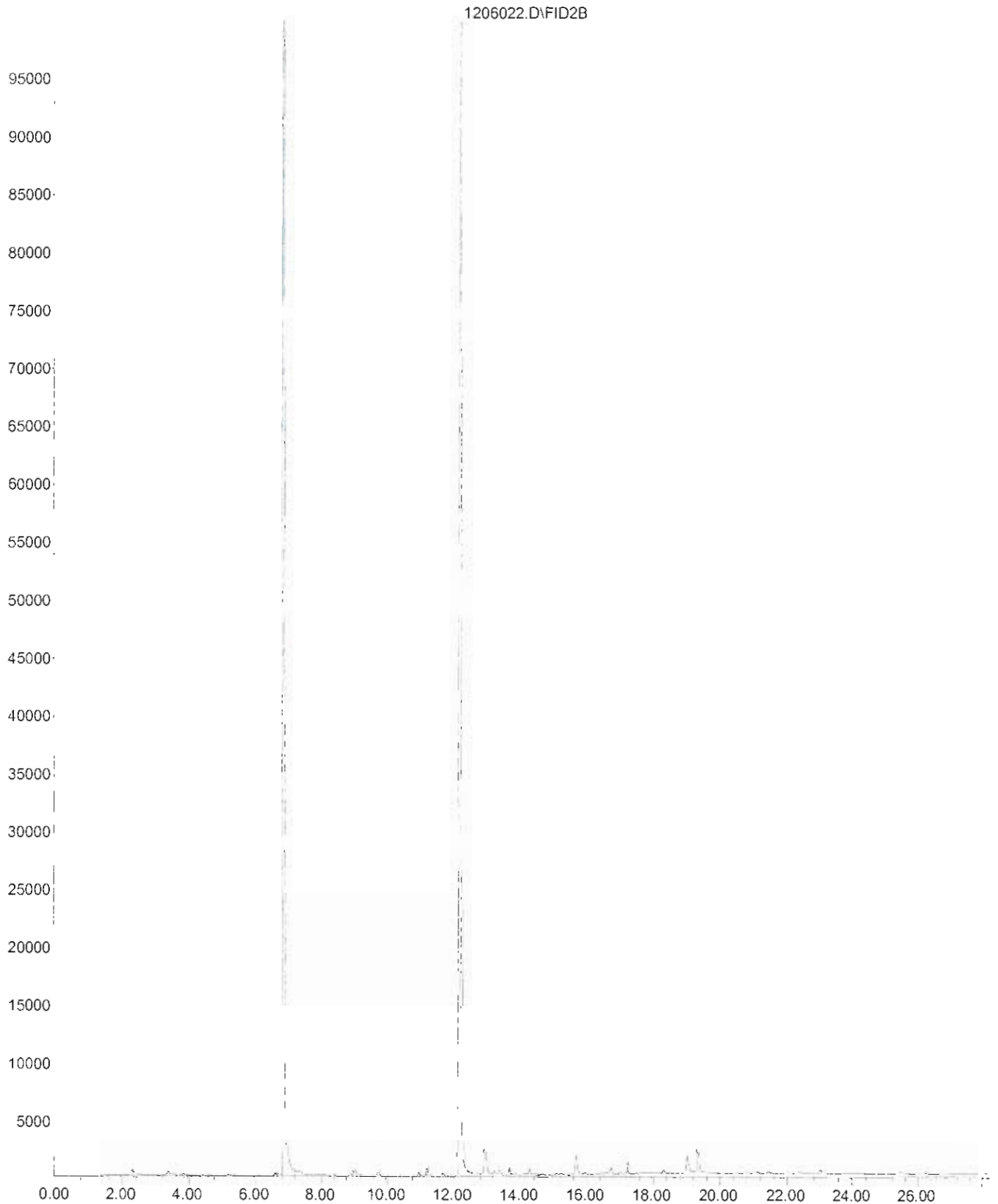




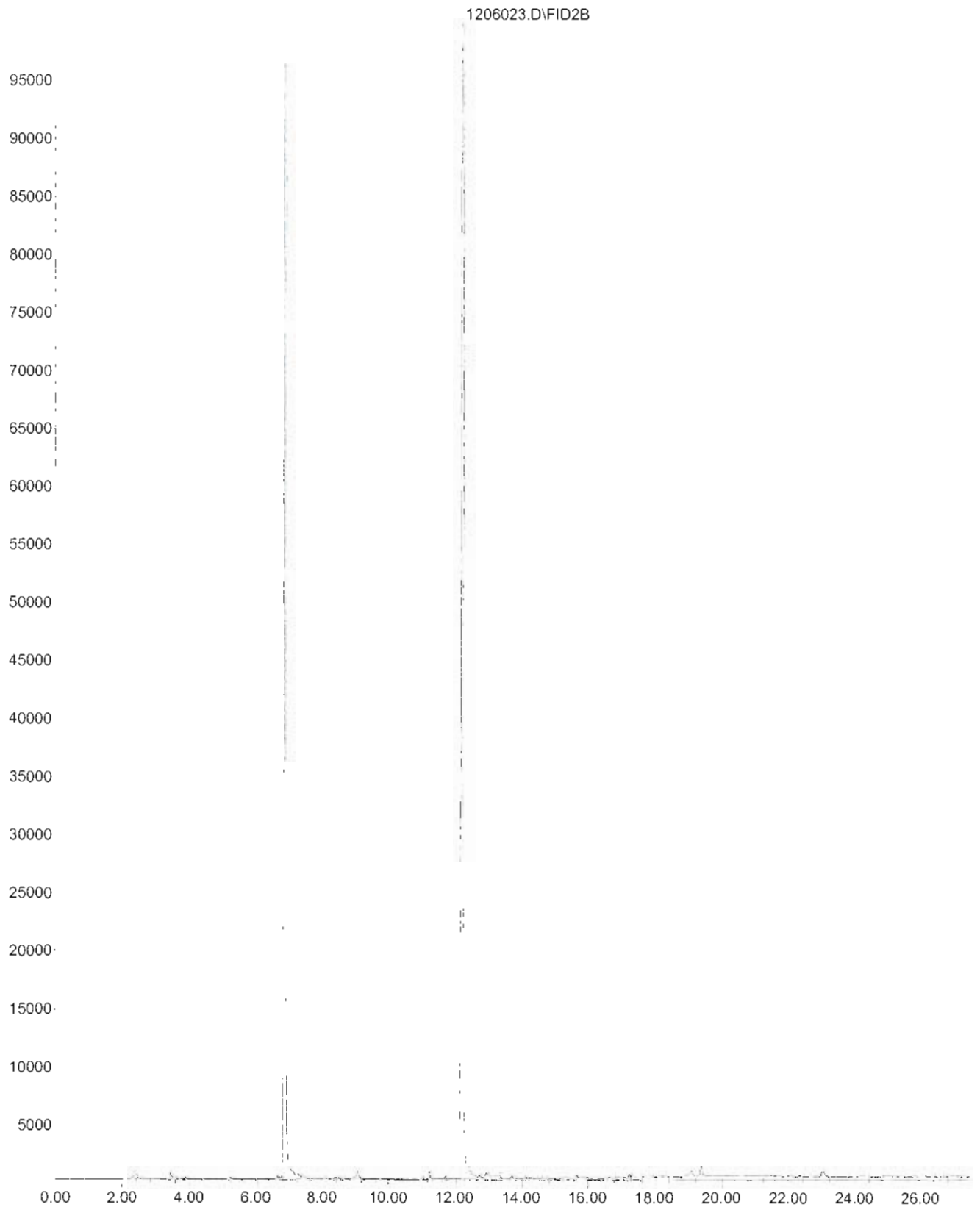
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Instrument : Daryl  
Sample Name: 11-234-02s  
Misc Info : V2-30-24  
Vial Number: 21



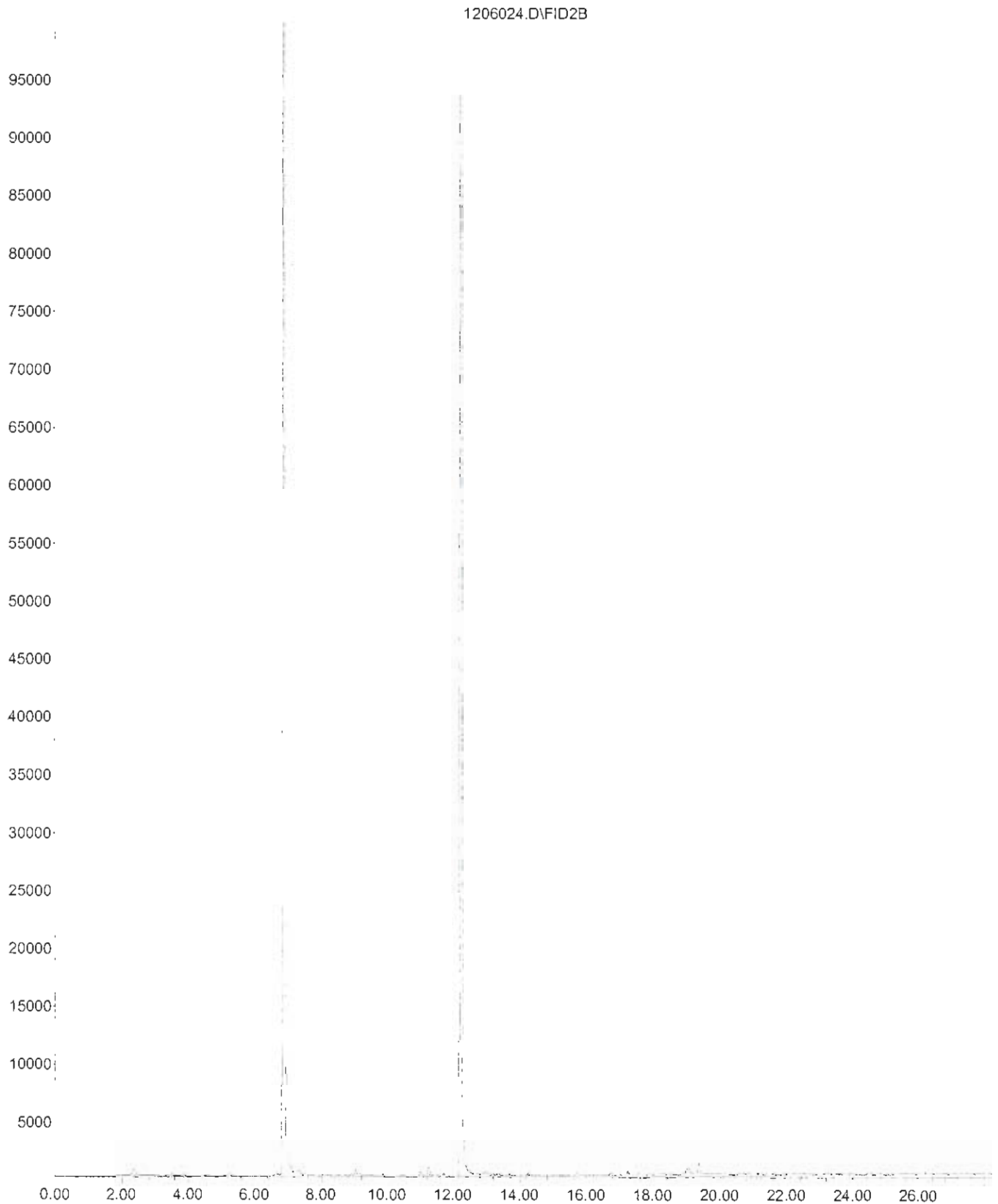
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Sample Name: 11-234-09s  
Misc Info : V2-30-24  
Vial Number: 22



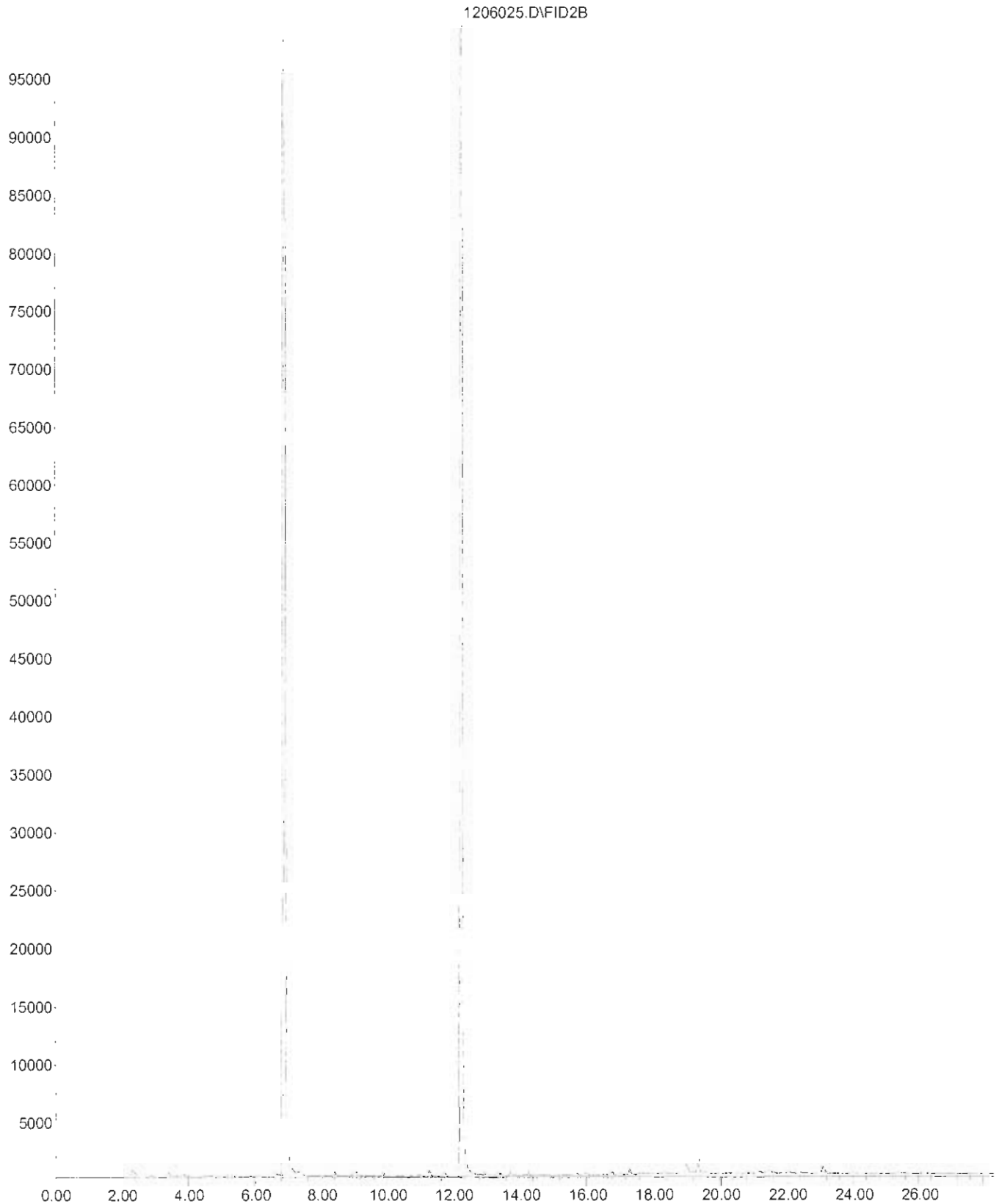
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Operator :  
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Instrument : Daryl  
Sample Name: 11-234-11s  
Misc Info : V2-30-24  
Vial Number: 23



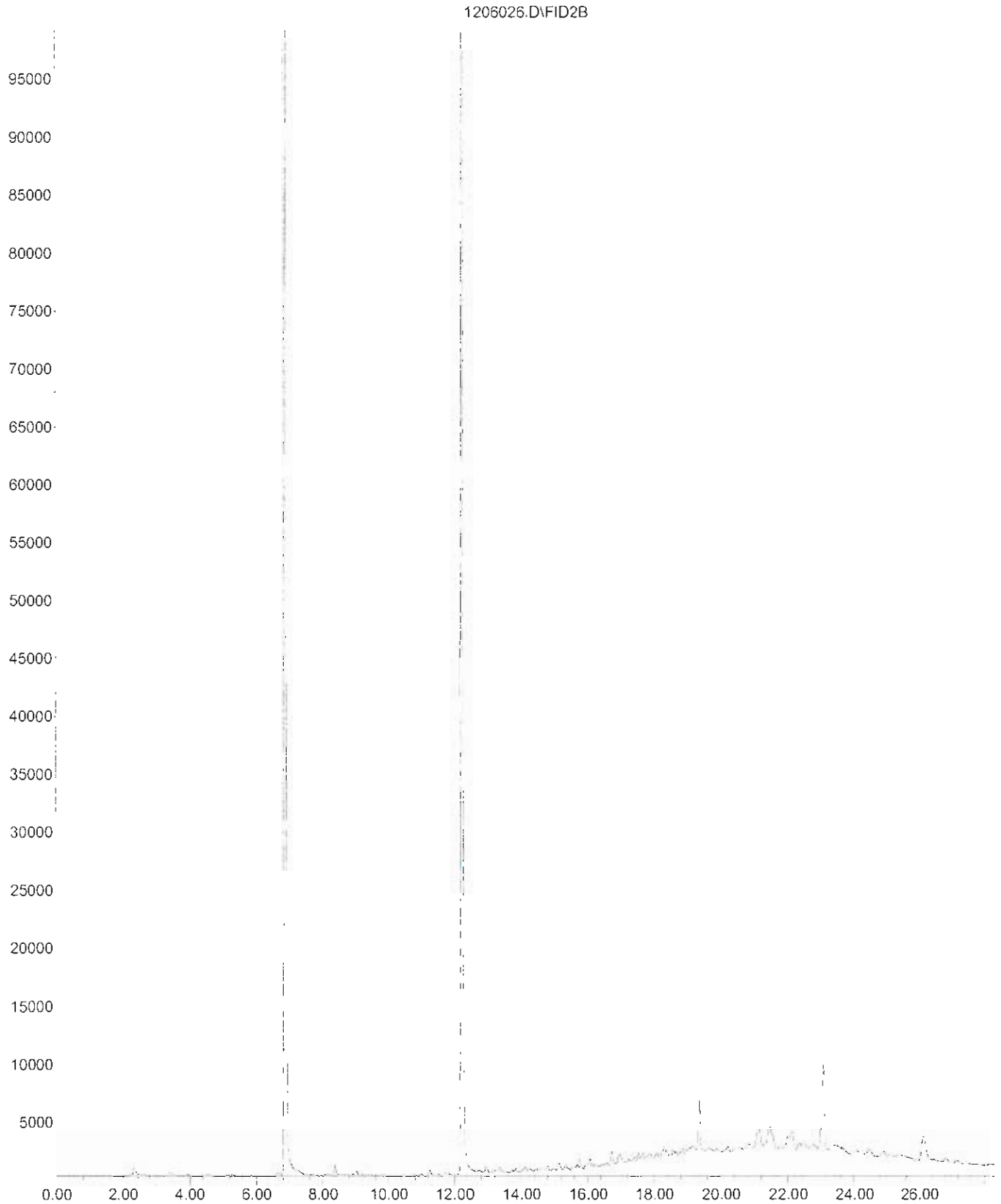
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Instrument : Daryl  
Sample Name: 11-234-15s  
Misc Info : V2-30-24  
Vial Number: 24



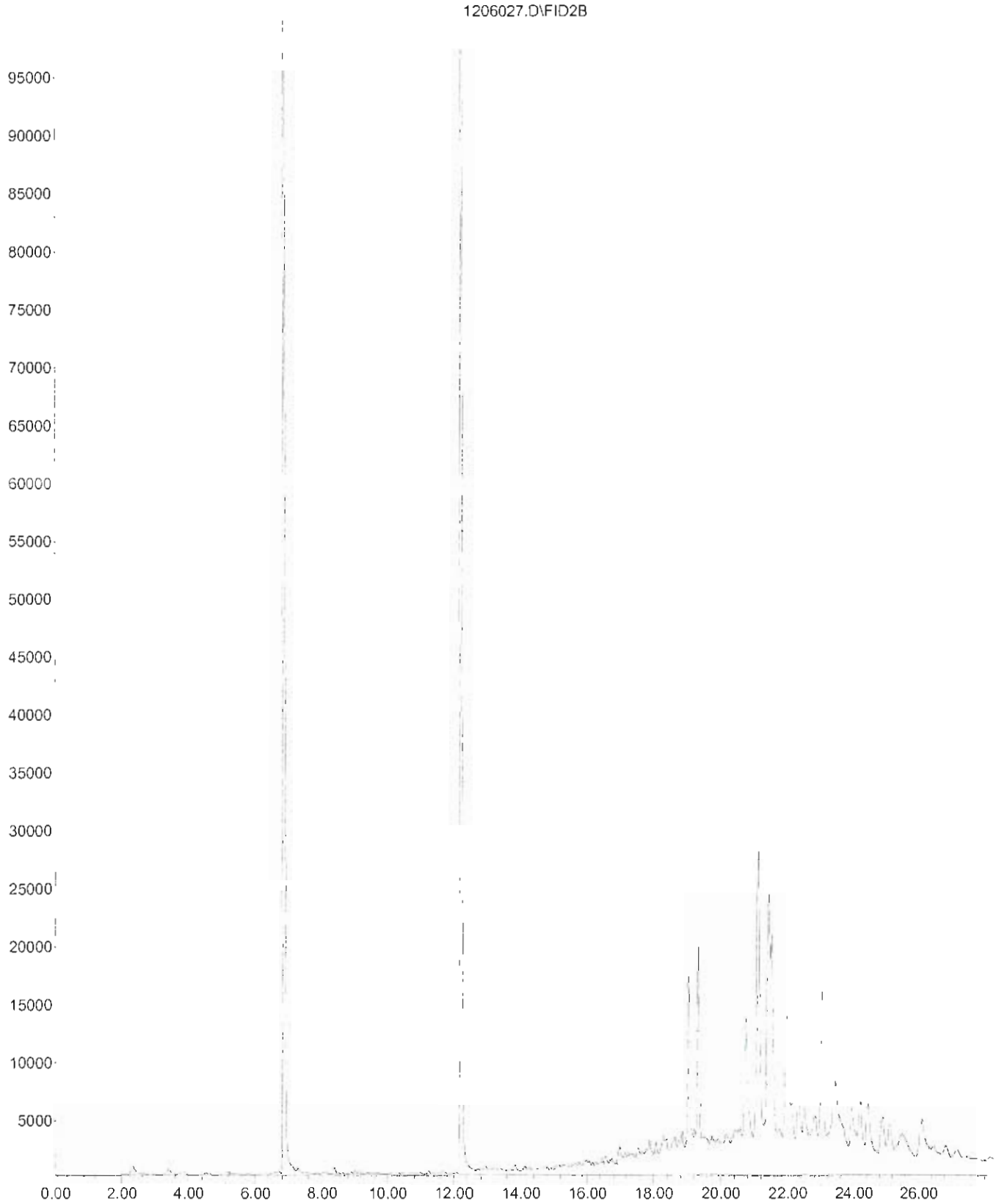
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Sample Name: 11-234-17s  
Misc Info : V2-30-24  
Vial Number: 25



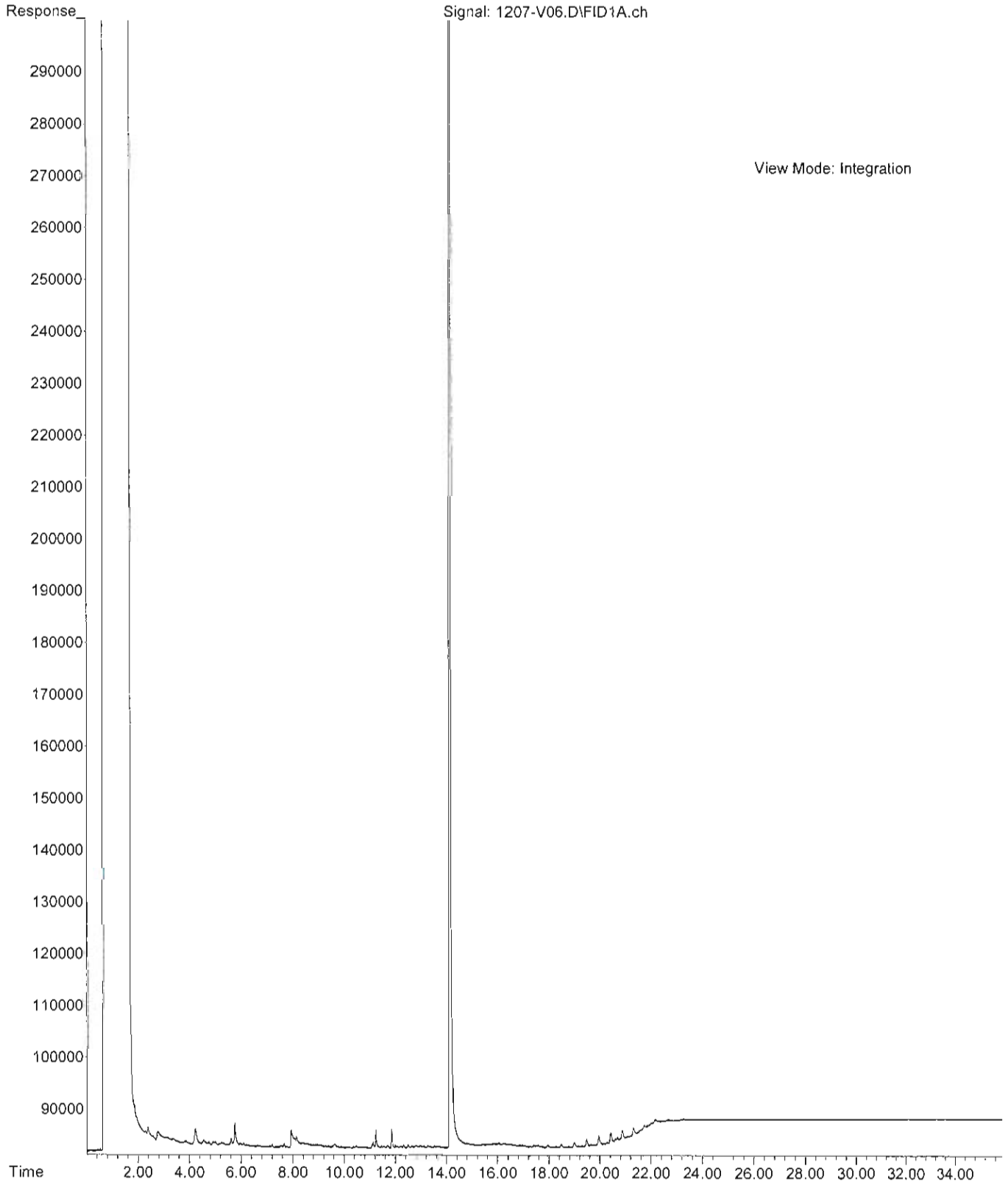
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Instrument : Daryl  
Sample Name: 11-234-20s  
Misc Info : V2-30-24  
Vial Number: 26



File : X:\BTEX\DARYL\DATA\D121206\1206027.D  
Operator :  
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Instrument : Daryl  
Sample Name: 11-234-23s  
Misc Info : V2-30-24  
Vial Number: 27

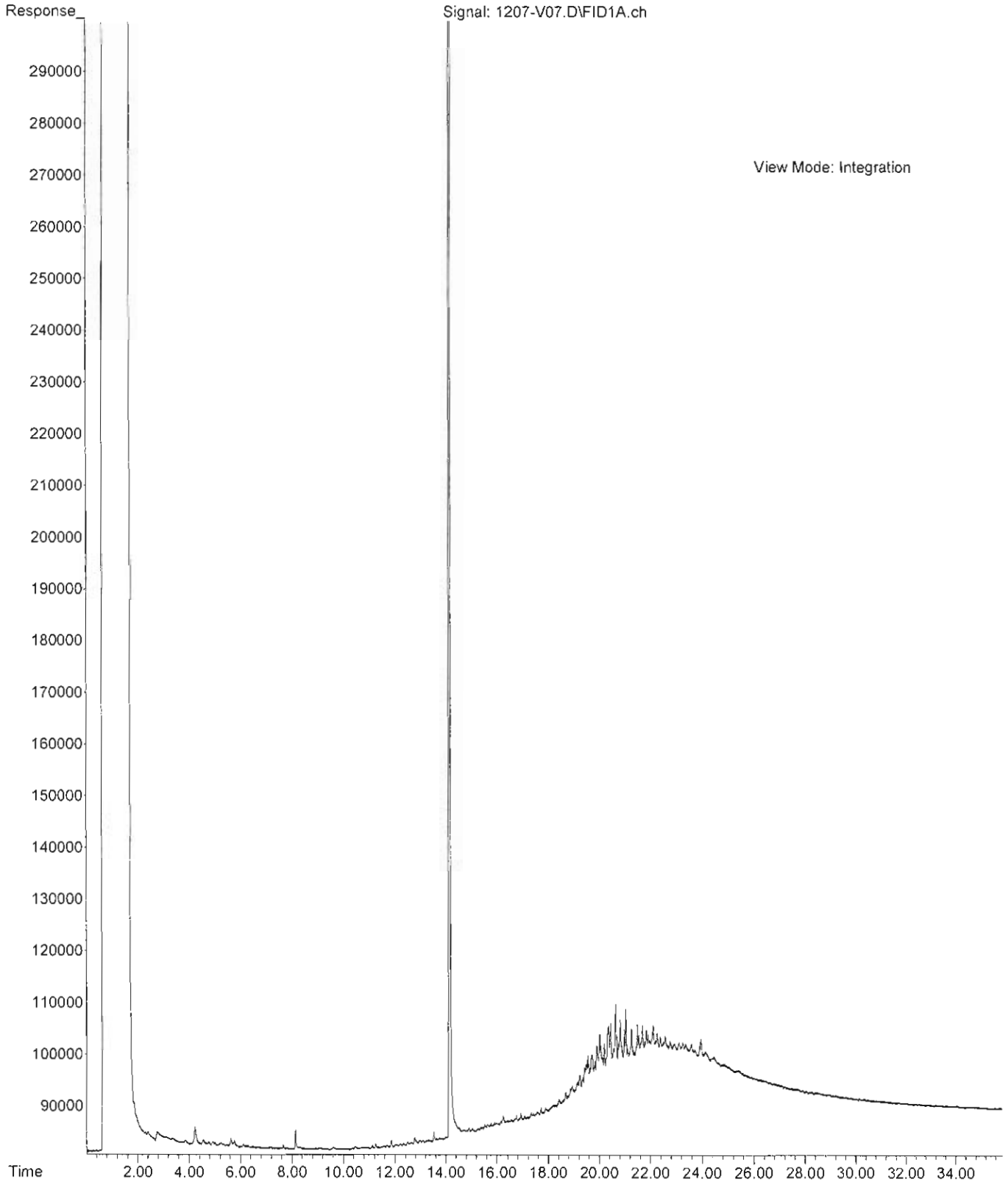


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Instrument : Vigo  
Sample Name: 11-234-07  
Misc Info :  
Vial Number: 6

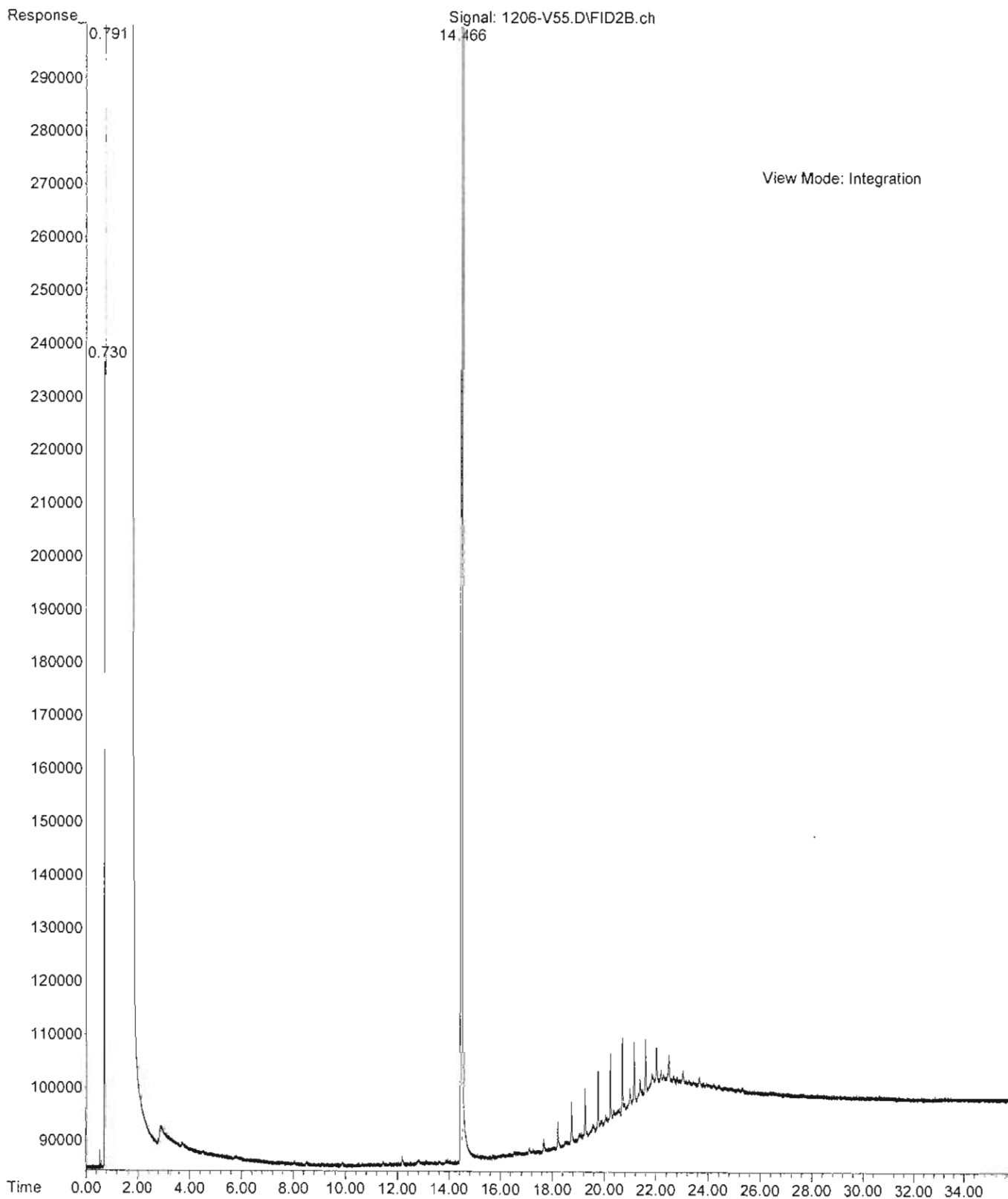




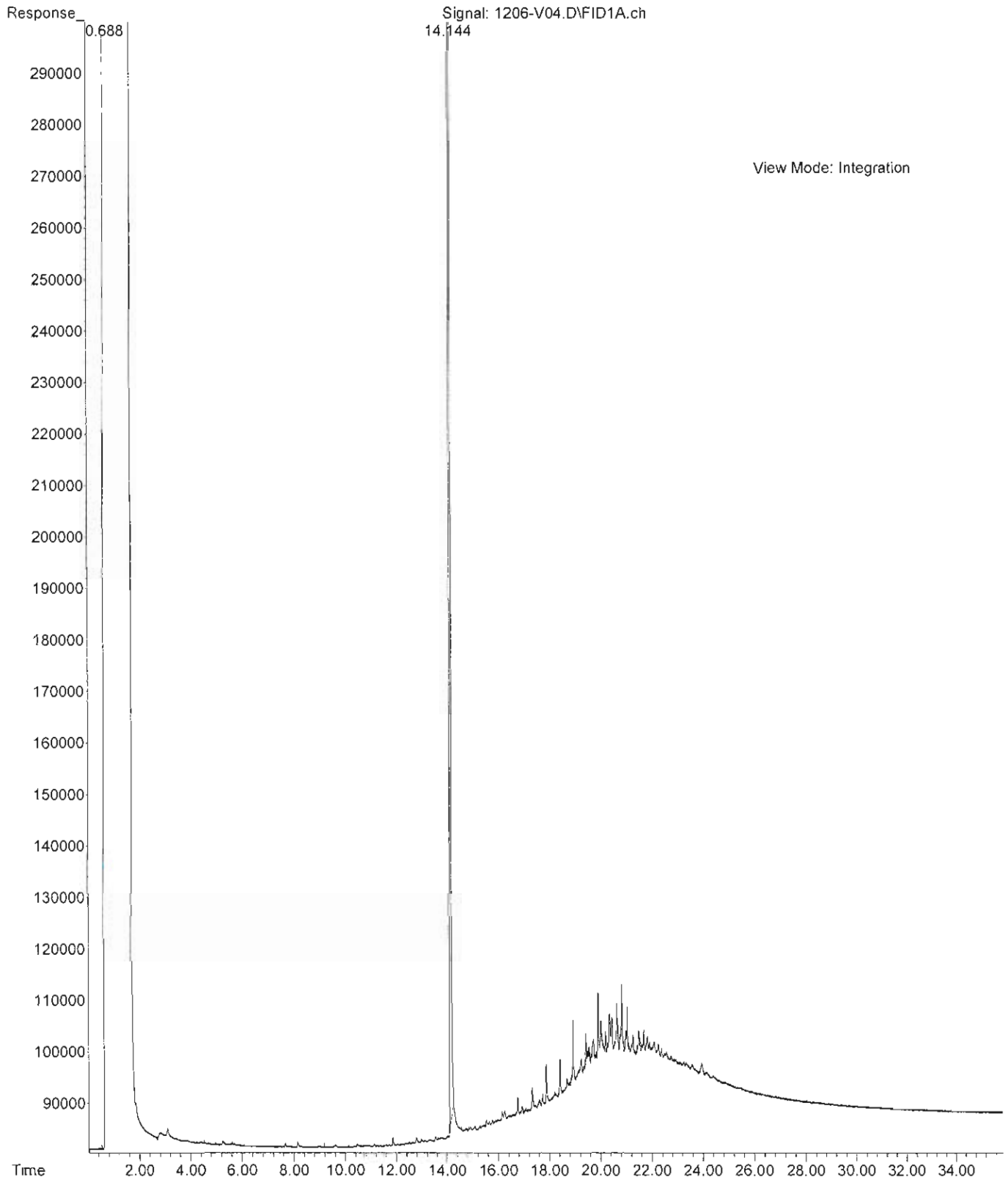
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Instrument : Vigo  
Sample Name: 11-234-19  
Misc Info :  
Vial Number: 7



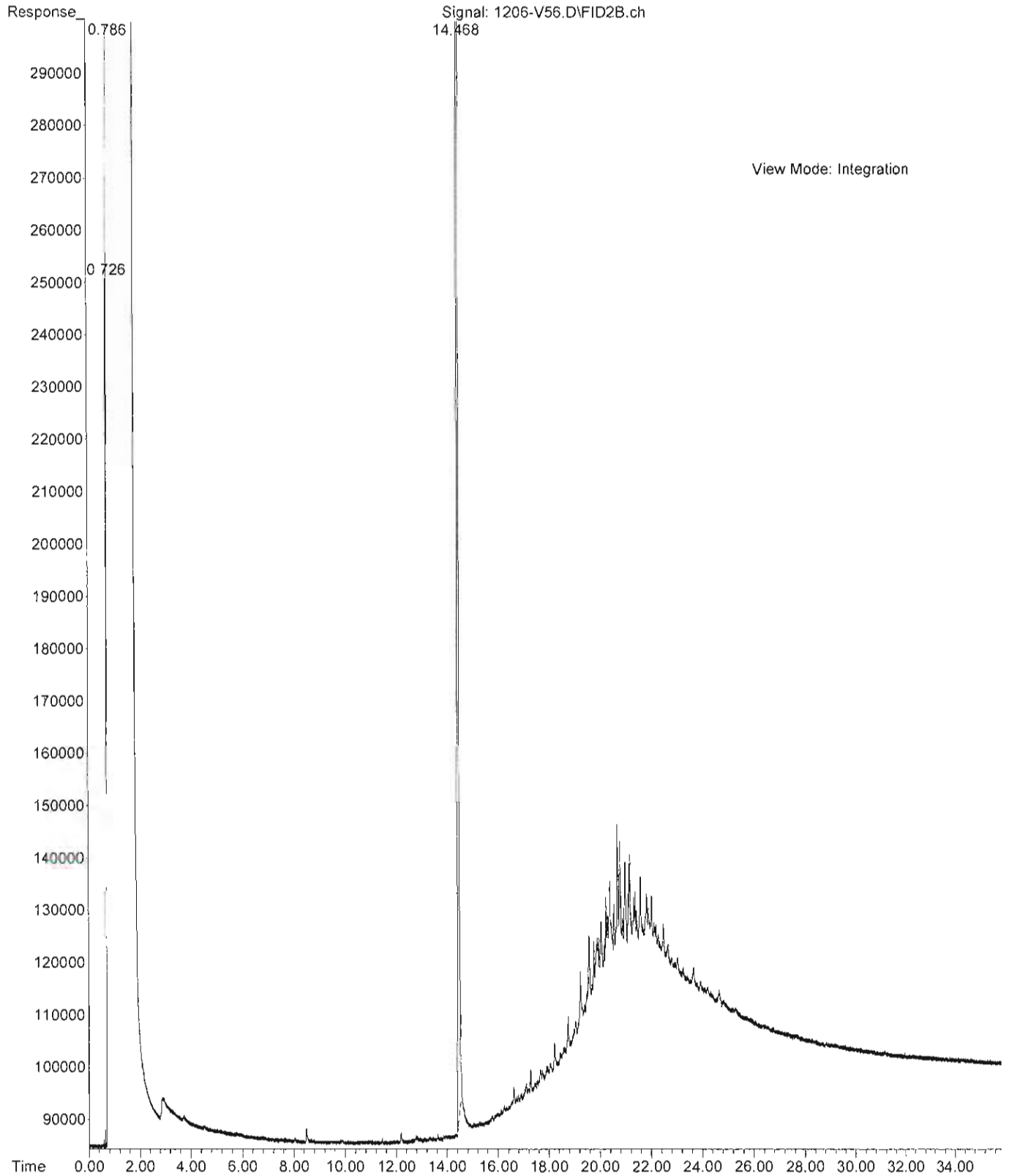
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Instrument : Vigo  
Sample Name: 11-234-15  
Misc Info :  
Vial Number: 55



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Operator :  
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Instrument : Vigo  
Sample Name: 11-234-17  
Misc Info :  
Vial Number: 4



File : C:\msdchem\2\DATA\V121206.SEC\1206-V56.D  
Operator :  
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Instrument : Vigo  
Sample Name: 11-234-27  
Misc Info :  
Vial Number: 56



File :C:\msdchem\1\DATA\T121206.SEC\1206-T62.D  
Operator : ZT  
Acquired : 06 Dec 2012 19:00 using AcqMethod T121204F.M  
Instrument : Teri  
Sample Name: 11-234-30 RC  
Misc Info :  
Vial Number: 62

