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Alameda County
Environmental Health

June 9, 2008

Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Ste. 250
Alameda, California 94502

**Subject: 1st Quarter 2008 Groundwater Monitoring and Sampling Report
Rolls-Royce Engine Service Test Facility,
6701 Old Earhart Road, Oakland, California
Alameda County Site #RO0002606**

On behalf of Rolls-Royce Engine Services-Oakland Inc. (RR), Gettler-Ryan Inc. (GR) has prepared this first quarter 2008 groundwater monitoring and sampling report for the above-referenced property. This report describes the field and analytical methods, provides a summary of groundwater monitoring results, and presents conclusions and recommendations regarding groundwater conditions at the site.

Site Location and Description

The subject site is located at 6701 Old Earhart Road, adjacent to the Metropolitan Oakland International Airport (MOIA)-North Field, Oakland, California (Figure 1). Topography in the vicinity of the subject site is relatively flat at an average elevation of approximately 7.5 feet above mean sea level. The closest surface water is within the tidal wetlands bordering the site to the northeast.

Pertinent site features consist of six engine test cells with auxiliary structures (sheds, pumphouse, waste water sumps, aboveground oil/water separator, control buildings, gas conditioning facility, air receivers, cooling towers, flare stack, etc), one 30,000-gallon aboveground liquefied petroleum fuel tank, one 10,000-gallon jet A fuel underground storage tank (UST) and two paired 8,000-gallon jet A fuel USTs. Pertinent site features and the location of the USTs are shown on Figure 2.

For site background and previous environmental investigation, please refer to GR report No. 25-948218.07, *Well Installation Report*, dated January 11, 2008

Groundwater Monitoring

On March 14, 2008, GR personnel conducted quarterly groundwater monitoring of fifteen wells (MW-1 through MW-7, MW-9 through MW-15, and MW-18). Wells MW-8, MW-17, NPORD MW-3 and NPORD MW-4 were not monitored or sampled due to the lack of an access agreement between RR and the Port of Oakland. Work at the site included measuring static groundwater levels, evaluating groundwater in the wells for the presence of petroleum hydrocarbons, and purging and sampling the wells for laboratory analysis. Groundwater monitoring and sampling were performed in accordance with GR Field Methods and Procedures, Quarterly Groundwater Sampling (attached).

On March 14, 2007, GR collected depth to groundwater measurements in fifteen wells (MW-1 through MW-7, MW-9 through MW-15, and MW-18) and checked groundwater for the presence of Separate-Phase Hydrocarbons (SPH). Approximately 0.63 ft of SPH were observed in well MW-18.

Approximately 0.3 gallons (1 liter) of SPH and 0.8 gallons (3 liters) of water were bailed from well MW-18 and were stored onsite in a 55-gallon DOT approved drum pending disposal. Water level data, groundwater elevations, and separate-phase hydrocarbon thicknesses are presented in attached Table 1. Field data sheets for this event are attached.

Groundwater monitoring wells MW-1 through MW-7 and MW-9 through MW-15 were purged and sampled. Well MW-18 was not sampled due to presence of SPH. Wells MW-8, MW-17, NPORD MW-3 and NPORD MW-4 were sampled due to the lack of an access agreement between RR and the Port of Oakland. Groundwater samples were submitted under chain-of-custody protocol to Kiff Analytical (ELAP #2236) of Davis, California. A copy of the laboratory analytical report and chain-of-custody document are attached. Purge water generated from the sampling activities was stored onsite in 55-gallons DOT approved drums pending disposal. GR understands that the disposal of water generated will be handled by RR.

Results

Groundwater Gradient

On March 14, 2008, the groundwater flow direction varied with hydraulic gradients ranging between 0.01 ft/ft to 0.02 ft/ft. A Potentiometric Map is presented as Figure 3.

Analytical Results

Groundwater samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), Methyl-tert Butyl Ether (MtBE,) and naphthalene by EPA Method 8260B and for Total Petroleum Hydrocarbons as diesel (TPHd), Total Petroleum Hydrocarbons as motor oil (TPHmo), and Total Petroleum Hydrocarbons as jet fuel (TPHjf) by modified EPA Method 8015. Groundwater chemical analytical results for this event are presented in Table 1.

Concentrations of TPHg, TPHd, TPHmo, TPHjf, BTEX, MtBE and naphthalene were reported below the laboratory method detection limits in groundwater samples collected from wells MW-1, MW-2, and MW-12.

Concentrations of TPHg were detected in four water samples collected from wells MW-10, MW-11, MW-13, and MW-14 concentrations of 53 parts per billion (ppb), 61 ppb, 350 ppb, and 50 ppb, respectively. Concentrations of TPHg were reported below the laboratory method detection limits in water samples collected from the remaining wells.

TPHd was detected in nine wells at concentrations ranging from 250 ppb in well MW-14 to 7,900 ppb in well MW-7. Concentrations of TPHmo were detected in nine wells at concentrations ranging from 130 ppb in well MW-13 to 20,000 ppb in well MW-7. TPHjf was detected in eleven wells at concentrations ranging from 88 ppb in well MW-15 to 5,500 ppb in well MW-7.

Benzene was detected only in well MW-13 at concentration of 0.89 ppb and reported as below the laboratory method report limit in the rest of the wells. Concentrations of toluene, ethylbenzene and total xylenes were reported as below the laboratory method report limits in all of the wells.

MtBE was detected in wells MW-3, MW-13, MW-14 at concentrations of 0.99 ppb, 2.0 ppb, and 1.7 ppb, respectively. Naphthalene was detected in wells MW-7, MW-13, and MW-14 at concentrations of 3.5 ppb, 8.9 ppb, and 5.0 ppb, respectively. TPHg, TPHd, TPHmo and TPHjf concentrations are depicted on Figure 4.

Conclusions and Recommendations

Based on the results of this groundwater monitoring and sampling event, GR concludes and recommends the following:

- Dissolved petroleum hydrocarbons were not present in wells MW-1, MW-2 and MW-12 located along the northeast edge of the site;
- Detectable dissolved concentrations of TPHg appear limited to the areas in the vicinity of wells MW-10, MW-11, MW-13 and MW-14;
- Detectable dissolved concentrations of TPHd, TPHmo and TPHjf were present in a majority of the site wells. The highest concentrations were detected in the northwest portion of the site in the vicinity of Test Cells 5, 6, and 7; and
- GR recommends continuing quarterly groundwater monitoring and sampling of all wells to further evaluate groundwater flow direction, groundwater quality and plume stability over time.

If you have any questions, please feel free to contact our Rancho Cordova office at (916) 631-1300.

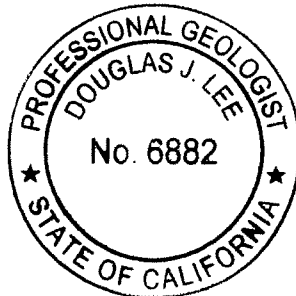
Sincerely,
Gettler-Ryan Inc.



Geoffrey D. Risse
Staff Geologist



Douglas J. Lee
Senior Geologist, P.G. No. 6882



Attachments: Table 1, Groundwater Monitoring Results
Figure 1, Vicinity Map
Figure 2, Site Plan
Figure 3, Potentiometric Map
Figure 4, Dissolved Hydrocarbon Concentration Map
GR Field Methods and Procedures
Field Data Sheets
Laboratory Analytical Report and Chain of Custody

CC: Dave Goldberg, Rolls-Royce Engine Services-Oakland Inc
Dale Klettke, Port of Oakland

Table 1
Groundwater Monitoring Results
Rolls-Royce Engine Service Test Facility
6701 Old Earhart Road
Oakland, California

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH		GWE (feet)	TPHg (ppb)	TPHd ¹ (ppb)	TPHmo (ppb)	TPHjf (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MtBE (ppb)	Napthalene (ppb)
				Thickness (feet)	Thickness (feet)											
MW-1	10/3/07	7.17	3.04	0.00		4.13	<50	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08	7.17	3.02	0.00		4.15	<50	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-2	10/3/07	7.03	2.80	0.00		4.23	<50	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08	7.03	2.94	0.00		4.09	<50	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-3	10/2/07	6.73	4.56	0.00		2.17	<50	<50	<100	410	<0.50	<0.50	<0.50	<0.50	1.6 ⁴	<0.50
	3/14/08	6.73	3.98	0.00		2.75	<50	<50	<100	120⁹	<0.50	<0.50	<0.50	<0.50	0.99	<0.50
MW-4	10/2/07 ⁴	9.79	5.81	0.00		3.98	<50	86	<100	280	<0.50	0.63	<0.50	<0.50	<0.50	<0.50
	3/14/08	9.79	5.82	0.00		3.97	<50	3,300	2,400	3,400⁷	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-5	10/2/07	8.35	4.75	0.00		3.60	<50	5,600	11,000	5,300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08	8.35	4.40	0.00		3.95	<50	1,200⁶	1,700	1,100⁷	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-6	10/2/07	9.51	5.90	0.00		3.61	<50	3,000 ⁶	7,700	2,500 ⁷	<0.50	<0.50	0.86	1.1	<0.50	0.53
	3/14/08	9.51	5.55	0.00		3.96	<50	3,600¹⁰	7,600	2,800⁷	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-7	10/2/07	9.23	5.68	0.00		3.55	<50	12,000 ⁶	34,000	9,100 ⁷	<0.50	<0.50	<0.50	<0.50	<0.50	0.76
	3/14/08	9.23	5.32	0.00		3.91	<50	7,900⁶	20,000	5,500¹¹	<0.50	<0.50	<0.50	<0.50	<0.50	3.5

Table 1
Groundwater Monitoring Results
Rolls-Royce Engine Service Test Facility
6701 Old Earhart Road
Oakland, California

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH		GWE (feet)	TPHg (ppb)	TPHd ¹ (ppb)	TPHmo (ppb)	TPHjf (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MtBE (ppb)	Napthalene (ppb)
				Thickness (feet)	Thickness (feet)											
MW-8	9/14/07 3/14/08	8.25	4.65	0.00		3.60	<50	790 ³	2,700	1,000 ²	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Not able to sample well-no access agreement between Rolls-Royce and Port of Oakland																
MW-9	10/3/07 3/14/08	9.44 9.44	5.81 5.51	0.00 0.00		3.63 3.93	<50 <50	7,700 6,400	10,000 8,000	6,700 4,000⁷	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 ⁴ <0.50	<0.50 <0.50
MW-10	10/3/07 3/14/08	7.51 7.51	3.89 3.68	0.00 0.00		3.62 3.83	110 53	4,200 420	1,300 270	4,500 420⁷	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 ⁴ <0.50	<0.50 0.50
MW-11	10/3/07 3/14/08	7.60 7.60	4.01 3.71	0.00 0.00		3.59 3.89	80 61	250 410⁶	490 1,200	610 520⁷	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 ⁴ <0.50	<0.50 <0.50
MW-12	10/3/07 3/14/08	7.32 7.32	3.61 3.35	0.00 0.00		3.71 3.97	<50 <50	<50 <50	<100 <100	<50 <50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 ⁴ <0.50	<0.50 <0.50
MW-13	10/3/07 3/14/08	6.10 6.10	2.86 1.96	0.00 0.00		3.24 4.14	160 350¹²	70 ⁸ 490	<100 130¹³	660 1,200	<0.50 0.89	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	1.2 ⁴ 2.0	1.7 8.9
MW-14	10/2/07 3/14/08	6.42 6.42	2.40 2.44	0.00 0.00		4.02 3.98	67 50	300 250⁶	870 350	1,400 500⁷	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	1.4 ⁴ 1.7	6.1 5.0

Table 1
 Groundwater Monitoring Results
 Rolls-Royce Engine Service Test Facility
 6701 Old Earhart Road
 Oakland, California

Sample ID	Sample Date	TOC (feet)	DTW (feet)	SPH		TPHg (ppb)	TPHd ¹ (ppb)	TPHmo (ppb)	TPHjf (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MtBE (ppb)	Napthalene (ppb)
				Thickness (feet)	GWE (feet)										
MW-15	10/2/07	7.51	4.85	0.00	2.66	<50	99	<100	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08	7.51	4.62	0.00	2.89	<50	<50	<100	88⁷	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-17	9/14/07	0.04	4.10	0.00	-4.06	<50	<50	220	150 ²	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08					Not able to sample well-no access agreement between Rolls-Royce and Port of Oakland									
MW-18	10/2/07	7.05	4.15	0.55	3.34**	Not developed or sampled due to presence of FPP									
	3/14/08	7.05	3.62	0.63	3.93**	Not sampled due to presence of FPP									
NPORD MW-3	9/14/07	8.11	4.43	0.00	3.68	<50	<50	<100	64 ²	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08					Not able to sample well-no access agreement between Rolls-Royce and Port of Oakland									
NPORD MW-4	9/14/07	10.06	6.48	0.00	3.58	50	1,000 ³	1,400	2,000 ²	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08					Not able to sample well-no access agreement between Rolls-Royce and Port of Oakland									
QA	9/14/07	--	--	--	--	<50	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	10/2/07	--	--	--	--	<50	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	3/14/08	--	--	--	--	<50	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Explanation:

TOC = Top of Casing Elevation
 DTW = Depth to Water
 GWE = Groundwater Elevation

Analytical Laboratory:

Kiff Analytical LLC (ELAP # 2236)

Table 1
Groundwater Monitoring Results
Rolls-Royce Engine Service Test Facility
6701 Old Earhart Road
Oakland, California

Explanation: (con't)

ft = feet

SPH = Separate Phase Hydrocarbons

ppb = parts per billion ($\mu\text{g/L}$)

NA = Not Analyzed

-- = Not Applicable

QA = Trip Blank

TPHg = Total Petroleum Hydrocarbons as gasoline

TPHd = Total Petroleum Hydrocarbons as diesel

TPHmo = Total Petroleum Hydrocarbons as motor oil

TPHjf = Total Petroleum Hydrocarbons as jet fuel

B = Benzene

T = Toluene

E = Ethylbenzene

X = total xylenes

MtBE = Methyl tert-Butyl Ether

** = GWE corrected for the presence of SPH $[(\text{TOC-DTW}) + (\text{SPH thickness} \times \text{SPH specific gravity})]$. Specific gravity of SPH is assumed to be 0.8.

Notes:

TOC elevations surveyed relative to mean sea level by Morrow Surveying (PLS #5161) on October 8, 2007

¹ With Silica Gel Cleanup

² Discrete peaks, higher boiling hydrocarbons present in sample that are atypical for Jet Fuel

³ Discrete peaks, higher boiling hydrocarbons present in sample that are atypical for Diesel Fuel

⁴ Matrix spike/matrix spike duplicate results associated with these samples for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

⁵ Due to the formation of an emulsion in this sample, the sample was centrifuged and decanted prior to extraction.

Table 1
Groundwater Monitoring Results
Rolls-Royce Engine Service Test Facility
6701 Old Earhart Road
Oakland, California

Notes: (con't)

⁶ Hydrocarbons present in this sample are higher-boiling than typical Diesel Fuel.

⁷ Hydrocarbons present in this sample are higher-boiling than typical Jet Fuel.

⁸ Lower boiling hydrocarbons are present in this sample that are atypical for Diesel Fuel.

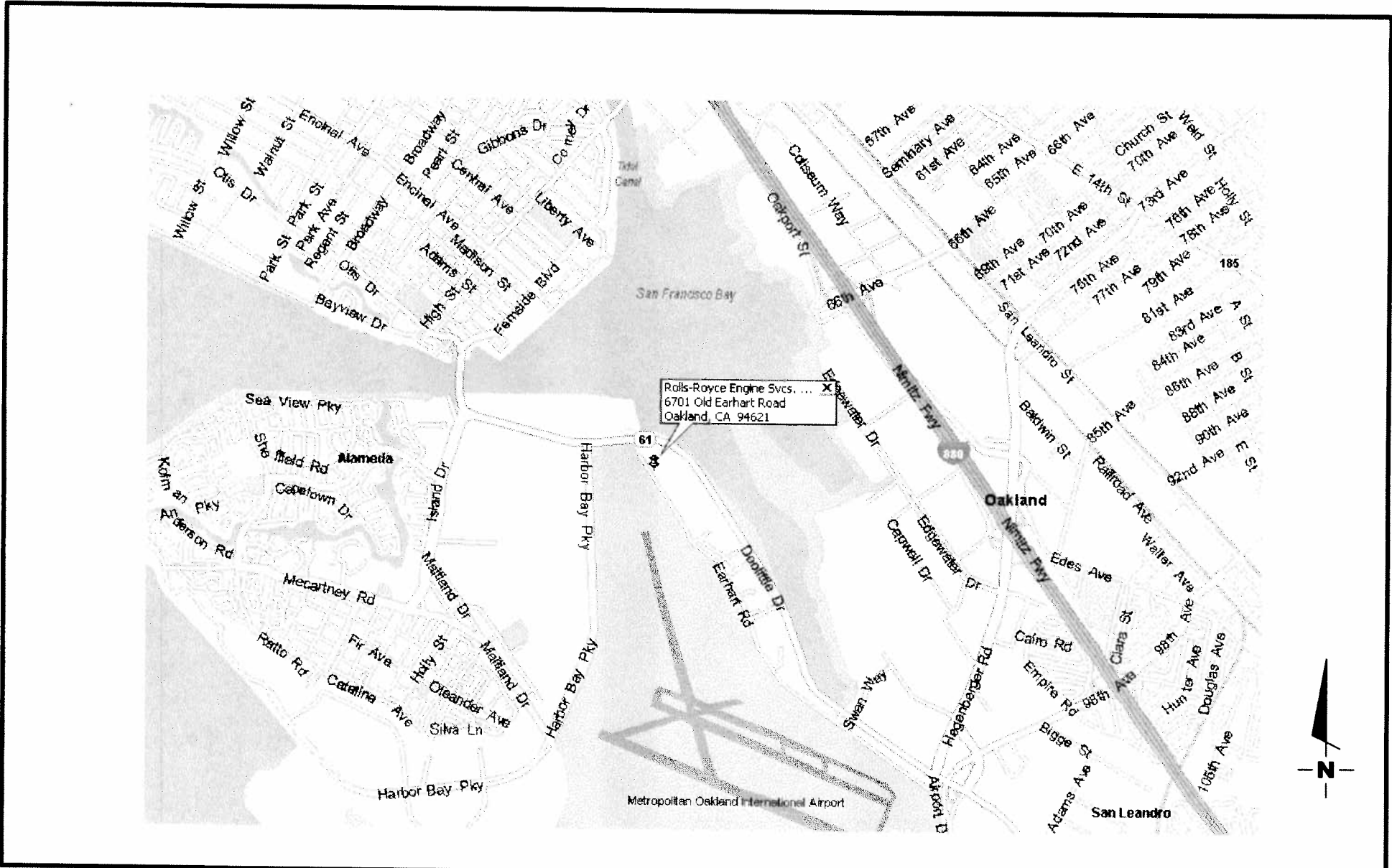
⁹ Discrete peaks present in this sample that are atypical for Jet Fuel.

¹⁰ Some lower-boiling hydrocarbons than Diesel and some higher-boiling hydrocarbons than Diesel are present in this sample.

¹¹ Both lower-boiling and higher-boiling hydrocarbons than Jet Fuel are present in this sample.

¹² Sample contained primarily compounds not found in typical Gasoline.

¹³ Hydrocarbons present in this sample are lower-boiling than typical Motor Oil



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SITE LOCATION MAP
ROLLS-ROYCE ENGINE SERVICES TEST FACILITY
6701 OLD EARHART RD.
OAKLAND, CA

FIGURE
1

PROJECT NUMBER
25-948218.7

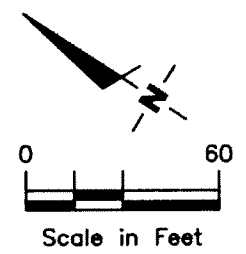
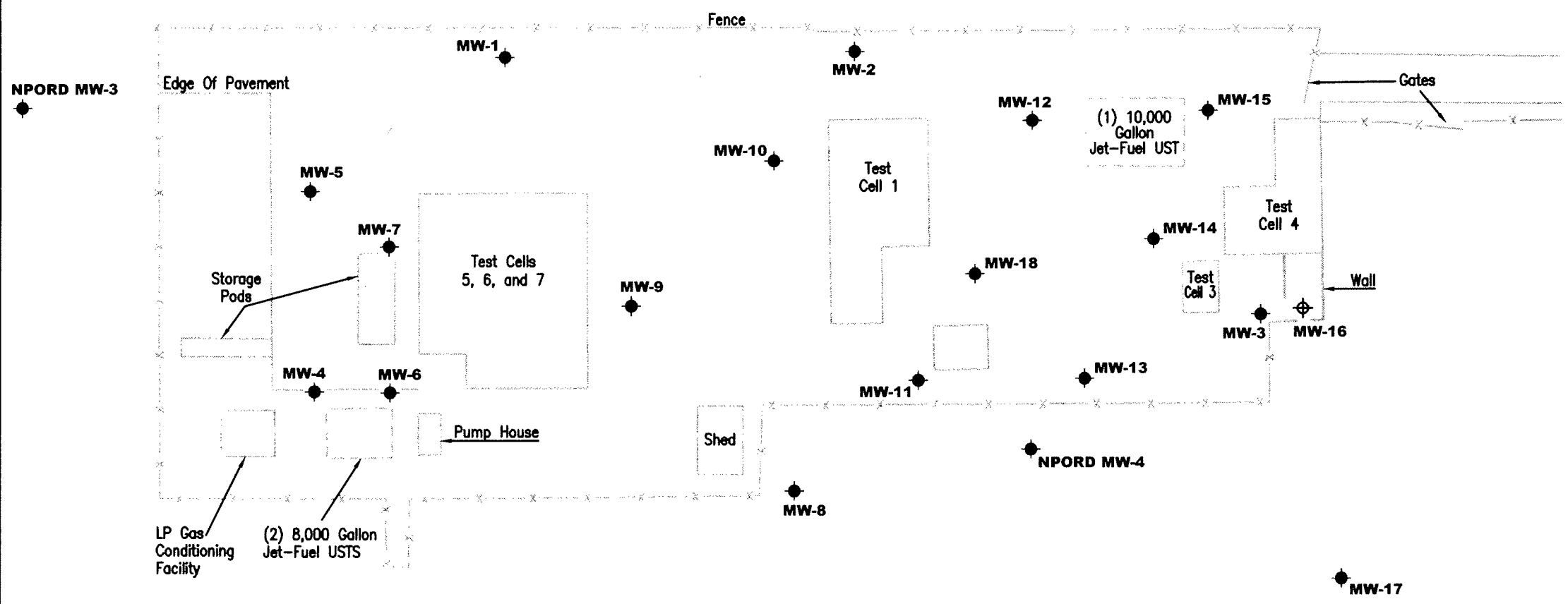
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DATE
11/13/07

REVISED DATE

EXPLANATION

- Groundwater monitoring well
- ⊕ Proposed monitoring well – not installed location inaccessible by drill rig



Source: Figure modified from drawing provided by Morrow Surveying, Dated: 10/8/07.

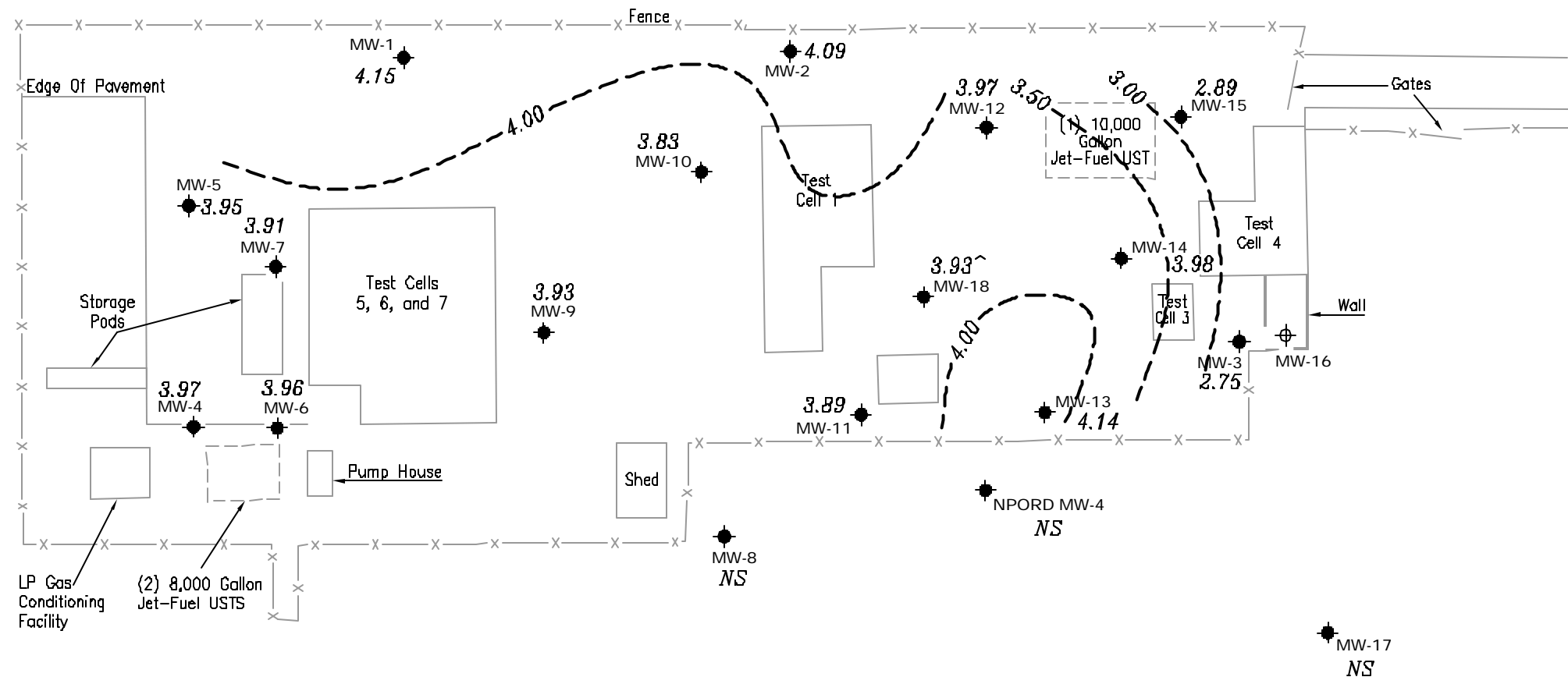
SITE PLAN
 Rolls-Royce Engine Services Test Facility
 6701 Old Earhart Road
 Oakland, CA

GETTLER - RYAN INC.
 6747 Sierra Court, Suite J
 Dublin, CA 94568
 (925) 551-7555

PROJECT NUMBER 948218.2
REVIEWED BY
DATE 11/07
REVISED DATE

EXPLANATION

- ◆ Groundwater monitoring well
- ⊕ Proposed monitoring well – not installed location inaccessible by drill rig
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- ^ Groundwater elevation corrected for the presence of separate-phase hydrocarbons
- NS Not Sampled



Groundwater flow direction varies at a gradient of 0.01 to 0.02 Ft./Ft.

Sources: Figure modified from drawing provided by Morrow Surveying, Dated: 10/8/07.

POTENTIOMETRIC MAP
 Rolls-Royce Engine Services Test Facility
 6701 Old Earhart Road
 Oakland, CA

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 8747 Starra Court, Suite J
 Dublin, CA 94568
 (925) 551-7555

PROJECT NUMBER: 948218.2
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 DATE: March 14, 2008
 REVISED DATE:

EXPLANATION

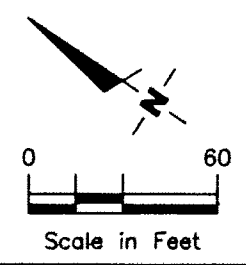
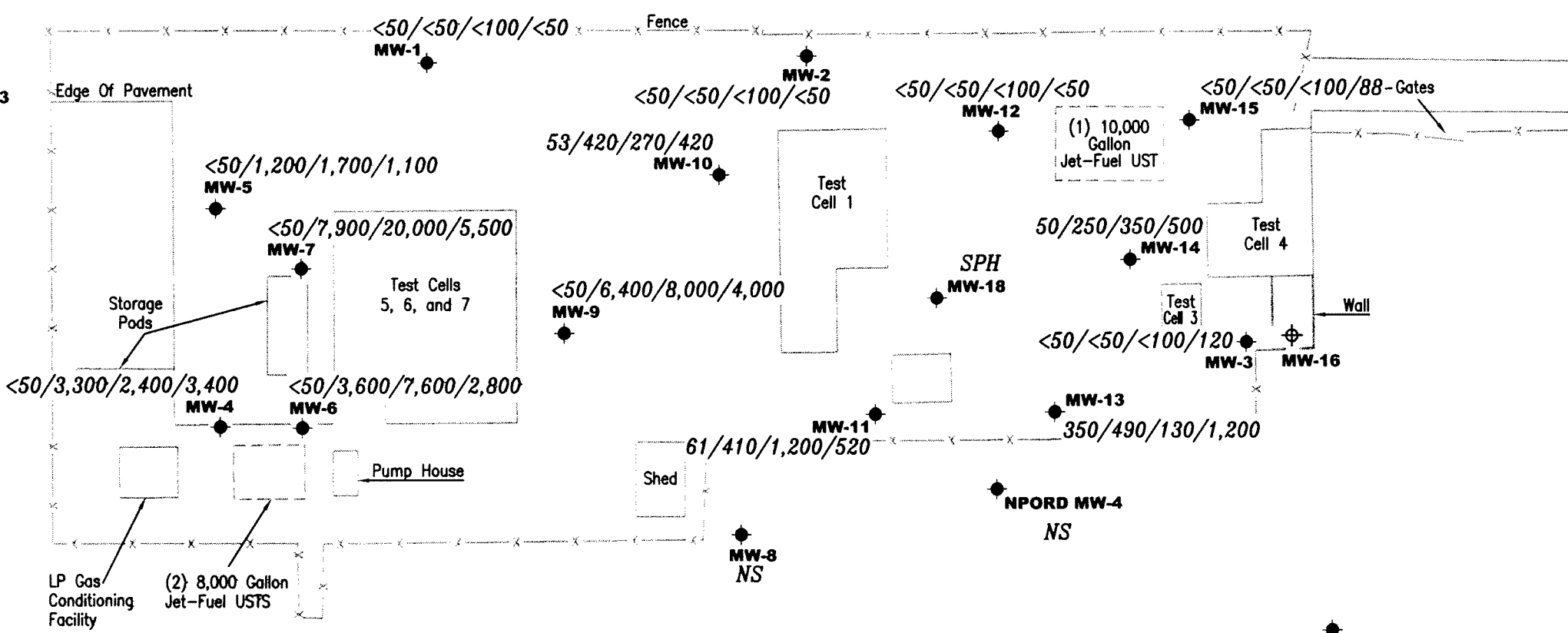
- ◆ Groundwater monitoring well
- ⊕ Proposed monitoring well - not installed location inaccessible by drill rig
- A/B/C/D Total Petroleum Hydrocarbons
TPH as Gasoline/TPH as Diesel/
TPH as Motor Oil/TPH as Jet
Fuel concentrations in ppb
- NS Not Sampled
- ^ Groundwater elevation corrected for the presence of separate-phase hydrocarbons

DISSOLVED HYDROCARBON CONCENTRATION MAP
 Rolls-Royce Engine Services Test Facility
 6701 Old Earhart Road
 Oakland, CA

DATE: March 14, 2008
 REVISED DATE:

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 6747 Sierra Court, Suite J
 Dublin, CA 94568
 (925) 551-7555

PROJECT NUMBER: 948218.2
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Source: Figure modified from drawing provided by Morrow Surveying, Dated: 10/8/07.

STANDARD OPERATING PROCEDURE - QUARTERLY GROUNDWATER SAMPLING

Gettler-Ryan field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analyses by the analytical laboratory. Prior to sample collection, the type of analyses to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analyses is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using a MMC flexi-dip interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is recorded in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH, and electrical conductivity are measured a minimum of three times during purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include job number, sample identification, collection date and time, analyses, preservative (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4 °C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivery to the laboratory.

The chain of custody includes the job number, type of preservation, if any, analyses requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory-supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3/14/08 (inclusive)
 Sampler: JD

Well ID: MW-1
 Well Diameter: 2 1/4 in.
 Total Depth: 7.45 ft.
 Depth to Water: 3.02 ft.
4.43 xVF .17 = .75

Date Monitored: 3/14/08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.50
 Estimated Purge Volume: 2.25 gal.

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1140
 Sample Time/Date: 1205 3/14/08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? no If yes, Time: _____

Weather Conditions: clear
 Water Color: cloud Odor: Y 10
 Sediment Description: 1.5 ft
 Volume: _____ gal. DTW @ Sampling: 3.61

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - US)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1142</u>	<u>.75</u>	<u>7.63</u>	<u>out of range</u>	<u>18.2</u>	_____	_____
<u>1145</u>	<u>1.5</u>	<u>7.39</u>	<u>↓</u>	<u>17.9</u>	_____	_____
<u>1147</u>	<u>2.25</u>	<u>7.25</u>	<u>↓</u>	<u>17.5</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	1 x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: AH

Well ID: MW-2
 Well Diameter: 3/4 in.
 Total Depth: 11.80 ft.
 Depth to Water: 2.94 ft.

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Depth to Water 8.86 xVF 17 = 1.50 Check if water column is less then 0.50 ft.
 x3 case volume = Estimated Purge Volume: 4.51 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.71

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1125 Weather Conditions: clear
 Sample Time/Date: 1150 3-14-08 Water Color: cloudy Odor: Y10
 Approx. Flow Rate: _____ gpm. Sediment Description: light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 3.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) <u>µS</u>	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1127</u>	<u>1.5</u>	<u>6.84</u>	<u>N/A</u>	<u>18.8</u>	_____	_____
<u>1129</u>	<u>3</u>	<u>6.96</u>	<u>N/A</u>	<u>19.4</u>	_____	_____
<u>1131</u>	<u>4.75</u>	<u>6.90</u>	<u>N/A</u>	<u>19.3</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>7</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: unable to read conductivity out of range

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: ML

Well ID: MW-3
 Well Diameter: 2 1/4 in.
 Total Depth: 12.10 ft.
 Depth to Water: 3.98 ft.

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.60
 xVF 1.17 = 1.3 x3 case volume = Estimated Purge Volume: 3.9 gal.

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1051
 Sample Time/Date: 1120 13-14-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: Sunny
 Water Color: cloudy Odor: Y 10
 Sediment Description: light
 DTW @ Sampling: 5.29

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm, µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1055</u>	<u>1.5</u>	<u>7.12</u>	<u>OUT RANGE</u>	<u>16.0</u>	_____	_____
<u>1059</u>	<u>3</u>	<u>7.10</u>	<u>↓</u>	<u>16.2</u>	_____	_____
<u>1102</u>	<u>4</u>	<u>7.07</u>	_____	<u>16.2</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>7</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: _____

Add/Replaced Lock: X Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-8 (inclusive)
 Sampler: Amron C

Well ID: MW-4
 Well Diameter: 2 1/4 in.
 Total Depth: 9.89 ft.
 Depth to Water: 5.82 ft.

Date Monitored: 3-14-8

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Depth to Water: 4.07 xVF .17 = 0.69 Check if water column is less then 0.50 ft.
 x3 case volume = Estimated Purge Volume: 2.0 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.63

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1040
 Sample Time/Date: 1050 / 3-14-8
 Approx. Flow Rate: _____ gpm.
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Weather Conditions: Cloudy
 Water Color: Black Odor: Ⓟ N
 Sediment Description: light
 DTW @ Sampling: 5.91

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1041</u>	<u>.5</u>	<u>7.18</u>	<u>3214</u>	<u>16.4</u>		
<u>1042</u>	<u>1.0</u>	<u>6.97</u>	<u>3275</u>	<u>17.1</u>		
<u>1044</u>	<u>2.0</u>	<u>6.88</u>	<u>3283</u>	<u>17.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>7</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-8 (inclusive)
 Sampler: Aaron

Well ID: ████████ MW-5
 Well Diameter: 2.4 in.
 Total Depth: 9.90 ft.
 Depth to Water: 4.40 ft.
5.50 xVF .17 = .9

Date Monitored: 3-14-8

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.50 gal.

Purge Equipment:
 Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1118
 Sample Time/Date: 1135 / 3-14-8
 Approx. Flow Rate: _____ gpm.
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Weather Conditions: Clouds
 Water Color: Black Odor: (Y) / N Slight
 Sediment Description: light - moderate
 DTW @ Sampling: 4.65

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1120</u>	<u>1</u>	<u>7.15</u>	<u>Out of Range</u>	<u>16.3</u>	_____	_____
<u>1123</u>	<u>2</u>	<u>6.95</u>	<u>Out of Range</u>	<u>16.5</u>	_____	_____
<u>1126</u>	<u>3</u>	<u>6.93</u>	<u>Out of Range</u>	<u>16.4</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>████████ MW-5</u>	<u>7</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-8 (inclusive)
 Sampler: Amerson C

Well ID: ██████ MW-6
 Well Diameter: 2 1/4 in.
 Total Depth: 10.00 ft.
 Depth to Water: 5.55 ft.
4.45 xVF .17 = 0.25

Date Monitored: 3-14-8

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.44 gal.

Purge Equipment:
 Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1018
 Sample Time/Date: 1030 / 3-14-8
 Approx. Flow Rate: _____ gpm.
 Did well de-water? No If yes, Time: _____

Weather Conditions: Cloudy
 Water Color: Black Odor: Y/N
 Sediment Description: light
 Volume: _____ gal. DTW @ Sampling: 5.57

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1019</u>	<u>.75</u>	<u>6.83</u>	<u>3296</u>	<u>16.9</u>	_____	_____
<u>1021</u>	<u>1.50</u>	<u>6.90</u>	<u>3274</u>	<u>17.1</u>	_____	_____
<u>1023</u>	<u>2.25</u>	<u>6.86</u>	<u>3149</u>	<u>17.5</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>██████ MW-6</u>	<u>7</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-8 (inclusive)
 Sampler: Aaron C

Well ID: ██████ MW-7
 Well Diameter: 21.4 in.
 Total Depth: 10.00 ft.
 Depth to Water: 5.32 ft.
4.68 xVF .17 = .8

Date Monitored: 3-14-8

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.25 gal.

Purge Equipment:

Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1058
 Sample Time/Date: 110 / 3-14-8
 Approx. Flow Rate: _____ gpm.
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Weather Conditions: Cloudy
 Water Color: Black Odor: (Y) / N Slight
 Sediment Description: light
 DTW @ Sampling: 5.44

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1100</u>	<u>1.0</u>	<u>7.04</u>	<u>3581</u>	<u>15.5</u>	<u>1</u>	
<u>1102</u>	<u>2.0</u>	<u>6.87</u>	<u>Out of Range</u>	<u>15.4</u>		
<u>1103</u>	<u>2.5</u>	<u>6.89</u>	<u>Out of Range</u>	<u>15.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>██████ MW-7</u>	<u>7</u> x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 03-14-08 (inclusive)
 Sampler: JH

Well ID: MW-8 Date Monitored: _____
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft. Check if water column is less than 0.50 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

_____ xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

- Purge Equipment:**
- Disposable Bailer _____
 - Stainless Steel Bailer _____
 - Stack Pump _____
 - Suction Pump _____
 - Grundfos _____
 - Peristaltic Pump _____
 - QED Bladder Pump _____
 - Other: _____
- Sampling Equipment:**
- Disposable Bailer _____
 - Pressure Bailer _____
 - Discrete Bailer _____
 - Peristaltic Pump _____
 - QED Bladder Pump _____
 - Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: Unable to access, no ports of Oakland access agreement

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3/14/08 (inclusive)
 Sampler: JH

Well ID: MW-9
 Well Diameter: 2 1/4 in.
 Total Depth: 9.97 ft.
 Depth to Water: 5.57 ft.
4.46 xVF .17 = .75

Date Monitored: 3/14/08

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.40 Estimated Purge Volume: 2.25 gal.

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1000 Weather Conditions: cloudy
 Sample Time/Date: 1020 / 3/14/08 Water Color: 1.5 Odor: PHN
 Approx. Flow Rate: - gpm. Sediment Description: 1.5
 Did well de-water? No If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 5.83

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature ((°) F)	D.O. (mg/L)	ORP (mV)
<u>1003</u>	<u>.75</u>	<u>7.54</u>	<u>2308</u>	<u>17.5</u>	_____	_____
<u>1006</u>	<u>1.5</u>	<u>7.28</u>	<u>3183</u>	<u>17.9</u>	_____	_____
<u>1009</u>	<u>2.25</u>	<u>7.22</u>	<u>3478</u>	<u>18.0</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- <u>9</u>	<u>7</u> x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3/14/08 (inclusive)
 Sampler: JH

Well ID: MW-10
 Well Diameter: 214 in.
 Total Depth: 10.13 ft.
 Depth to Water: 3.68 ft.
6.45 xVF = .17 = 1.09

Date Monitored: 3/14/08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 6.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.97
 x3 case volume = Estimated Purge Volume: 3.28 gal.

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Completed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal
Product Transferred to:	_____

Start Time (purge): 1040
 Sample Time/Date: 1105 / 3/14/08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Weather Conditions: cloudy
 Water Color: cloudy Odor: Y 10
 Sediment Description: 1.5 ft
 DTW @ Sampling: 3.81

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - DS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1042</u>	<u>1</u>	<u>7.31</u>	<u>out of range</u>	<u>15.5</u>	_____	_____
<u>1045</u>	<u>2</u>	<u>7.22</u>	<u>↓</u>	<u>15.3</u>	_____	_____
<u>1048</u>	<u>3.5</u>	<u>7.15</u>	_____	<u>15.4</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	7 x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: X

Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: ML

Well ID: MW-11
 Well Diameter: 214 in.
 Total Depth: 10.01 ft.
 Depth to Water: 3.71 ft.

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Depth to Water 6.30 xVF 1.17 = 1.0 Check if water column is less then 0.50 ft.
 x3 case volume = Estimated Purge Volume: 3 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.97

Purge Equipment:
 Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1142
 Sample Time/Date: 120513-14-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? NO If yes, Time: _____

Weather Conditions: Sunny
 Water Color: Cloudy Odor: Y/N
 Sediment Description: Heavy
 Volume: _____ gal. DTW @ Sampling: 4.49

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1145</u>	<u>1</u>	<u>7.05</u>	<u>OUT RANGE</u>	<u>15.3</u>	_____	_____
<u>1147</u>	<u>2</u>	<u>7.00</u>	<u>↓</u>	<u>15.4</u>	_____	_____
<u>1149</u>	<u>3</u>	<u>6.99</u>		<u>15.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>7</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: ALT

Well ID: MW-12
 Well Diameter: 214 in.
 Total Depth: 9.85 ft.
 Depth to Water: 3.35 ft.

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.69
 xVF .17 = 1.10 x3 case volume = Estimated Purge Volume: 3.31 gal.

Purge Equipment:
 Disposable Bailer Y
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1200
 Sample Time/Date: 1240 / 3-14-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Weather Conditions: Clear
 Water Color: Cloudy Odor: Y / B
 Sediment Description: Medium
 DTW @ Sampling: 3.47

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>1202</u>	<u>1.25</u>	<u>6.94</u>	<u>N/A</u>	<u>20.0</u>	_____	_____
<u>1204</u>	<u>2.5</u>	<u>6.81</u>	<u>1</u>	<u>19.8</u>	_____	_____
<u>1207</u>	<u>3.5</u>	<u>6.90</u>	<u>1</u>	<u>19.9</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-12</u>	<u>7</u> x vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: Unable to Read Conductivity

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: ML

Well ID: MW-13
 Well Diameter: 2 1/4 in.
 Total Depth: 9.52 ft.
 Depth to Water: 1.96 ft.
7.56 xVF = 4.9

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.47
 Estimated Purge Volume: 15 gal.

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump X
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1030 Weather Conditions: Sunny
 Sample Time/Date: 1320 13-14-08 Water Color: Cloudy Odor: DTN
 Approx. Flow Rate: 1 gpm. Sediment Description: light
 Did well de-water? Yes If yes, Time: 1035 Volume: 5 gal. DTW @ Sampling: 3.32

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1035</u>	<u>5</u>	<u>7.18</u>	<u>out range</u>	<u>15.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</u>	<u>7</u> x voa vial	<u>YES</u>	<u>None</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: Water Reacted with HCL in VOA's - was held out HCL

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: AH

Well ID: MW-14
 Well Diameter: 214 in.
 Total Depth: 10.00 ft.
 Depth to Water: 2.44 ft.
7.54 xVF .17 = 1.28

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.95 gal.

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1040
 Sample Time/Date: 1110 / 3-14-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Weather Conditions: Clear
 Water Color: DARK Odor: Y10
 Sediment Description: MEDIUM
 DTW @ Sampling: 3.03

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>Ⓢ</u>)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1043</u>	<u>1.5</u>	<u>6.84</u>	<u>URS</u>	<u>18.2</u>		
<u>1045</u>	<u>3</u>	<u>6.79</u>	<u>N/A</u>	<u>18.2</u>		
<u>1047</u>	<u>4</u>	<u>6.87</u>	<u>OK</u>	<u>18.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-14</u>	<u>7</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: unable to read conductivity out of range

Add/Replaced Lock: X Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: AHP

Well ID: MW-15
 Well Diameter: 2 1/4 in.
 Total Depth: 9.95 ft.
 Depth to Water: 4.62 ft.
5.33 xVF

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): 5.68
 Estimated Purge Volume: 2.71 gal.

Purge Equipment:
 Disposable Bailer: X
 Stainless Steel Bailer: _____
 Stack Pump: _____
 Suction Pump: _____
 Grundfos: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Sampling Equipment:
 Disposable Bailer: ✓
 Pressure Bailer: _____
 Discrete Bailer: _____
 Peristaltic Pump: _____
 QED Bladder Pump: _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____ gal
 Product Transferred to: _____

Start Time (purge): 0955
 Sample Time/Date: 1025 13-14-08
 Approx. Flow Rate: _____ gpm.
 Did well de-water? no If yes, Time: _____

Weather Conditions: Clear
 Water Color: Tan Odor: Y1
 Sediment Description: Medium
 Volume: _____ gal. DTW @ Sampling: 5.41

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (US)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>0956</u>	<u>1</u>	<u>6.77</u>	<u>UR</u>	<u>17.7</u>		
<u>0957</u>	<u>2</u>	<u>6.71</u>	<u>UR</u>	<u>17.4</u>		
<u>0958</u>	<u>3</u>	<u>6.70</u>	<u>UR</u>	<u>17.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-15</u>	<u>7</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>KIFF</u>	<u>TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)</u>

COMMENTS: Unable to read conductivity out of range

Add/Replaced Lock: X Add/Replaced Plug: X Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 03-14-08 (inclusive)
 Sampler: SH

Well ID: MW-116
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____
Product Transferred to: _____

Start Time (purge): _____
 Sample Time/Date: _____ / _____
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____

Weather Conditions: _____
 Water Color: _____ Odor: Y / N
 Sediment Description: _____
 Volume: _____ gal. DTW @ Sampling: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: Well NOT INSTALLED

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 03-14-08 (inclusive)
 Sampler: JH

Well ID: MW-17
 Well Diameter: 2 1/4 in.
 Total Depth: _____ ft.
 Depth to Water: _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

_____ xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voc vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: No Part of Oakland access agreement

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 3-14-08 (inclusive)
 Sampler: ML

Well ID: MW-18
 Well Diameter: 2 1/4 in.
 Total Depth: 9.92 ft.
 Depth to Water: 3.62 ft.

Date Monitored: 3-14-08

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: 1230 (2400 hrs)
 Time Completed: 1300 (2400 hrs)
 Depth to Product: 2.99 ft
 Depth to Water: 3.62 ft
 Hydrocarbon Thickness: 0.63 ft
 Visual Confirmation/Description:
Thick Dark Brown
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: 1 Liter
 Water Removed: 3 Liters
 Product Transferred to: Drum on site

Start Time (purge): _____
 Sample Time/Date: _____
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____

Weather Conditions: _____
 Water Color: _____ Odor: Y / N
 Sediment Description: _____
 Volume: _____ gal. DTW @ Sampling: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: SPH

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: _____ (inclusive)
 Sampler: _____

Well ID NPORD MW-3
 Well Diameter 2 / 4 in.
 Total Depth _____ ft.
 Depth to Water _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less then 0.50 ft.

_____ xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): _____
 Sample Time/Date: _____ / _____
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____

Weather Conditions: _____
 Water Color: _____ Odor: **Y / N** _____
 Sediment Description: _____
 Volume: _____ gal. DTW @ Sampling: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/ TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: No Part of Oakland access agreement

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Rolls-Royce Engine
 Site Address: 6701 Old Earhart Road
 City: Oakland, CA

Job Number: 25-948218.1
 Event Date: 03-14-08 (inclusive)
 Sampler: [H]

Well ID NFORO MW-41
 Well Diameter 2 / 4 in.
 Total Depth _____ ft.
 Depth to Water _____ ft.

Date Monitored: _____

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Check if water column is less than 0.50 ft.

xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: _____

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): _____
 Sample Time/Date: /
 Approx. Flow Rate: _____ gpm.
 Did well de-water? _____ If yes, Time: _____

Weather Conditions: _____
 Water Color: _____ Odor: Y / N
 Sediment Description: _____
 Volume: _____ gal. DTW @ Sampling: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	KIFF	TPH-JET FUEL/TPH-MO/TPH-D w/sg(8015)/TPH-G/BTEXMTBE/NAPHTHALENE(8260)

COMMENTS: No Part of Oakland access agreement.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____



Report Number : 61660

Date : 3/26/2008

Geoffrey Risse
Gettler-Ryan Inc.
3140 Gold Camp Dr. Suite 170
Rancho Cordova, CA 95670

Subject : 15 Water Samples
Project Name : Rolls-Royce Engine Test Facility
Project Number : 25-948218.1

Dear Mr. Risse,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

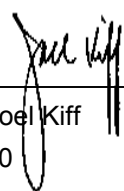
Sample : **QA**

Matrix : Water

Lab Number : 61660-01

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/19/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/19/2008
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	3/19/2008

Approved By:  Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**


Sample : **MW-1**

Matrix : Water

Lab Number : 61660-02

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/19/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/19/2008
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	3/19/2008
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	3/22/2008
TPH as Jet Fuel	< 50	50	ug/L	M EPA 8015	3/22/2008
Octacosane (Diesel Surrogate)	108		% Recovery	M EPA 8015	3/22/2008
Octacosane (Diesel Silica Gel Surr)	95.7		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

Sample : **MW-2**

Matrix : Water

Lab Number : 61660-03

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/19/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/19/2008
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	3/19/2008
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	< 50	50	ug/L	M EPA 8015	3/22/2008
Octacosane (Diesel Surrogate)	102		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	100		% Recovery	M EPA 8015	3/22/2008

Approved By:

Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

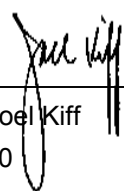
Sample : **MW-3**

Matrix : Water

Lab Number : 61660-04

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Methyl-t-butyl ether (MTBE)	0.99	0.50	ug/L	EPA 8260B	3/19/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/19/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/19/2008
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	3/19/2008
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	120	50	ug/L	M EPA 8015	3/22/2008
(Note: Discrete peaks present, atypical for Jet Fuel)					
Octacosane (Diesel Surrogate)	101		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	95.2		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

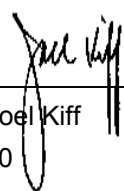
Sample : **MW-4**

Matrix : Water

Lab Number : 61660-05

Sample Date : 3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	3300	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	2400	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	3400	50	ug/L	M EPA 8015	3/24/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	119		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	110		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

Sample : **MW-5**

Matrix : Water

Lab Number : 61660-06

Sample Date : 3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	1200	50	ug/L	M EPA 8015	3/22/2008
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
TPH as Motor Oil	1700	100	ug/L	M EPA 8015	3/22/2008
TPH as Jet Fuel	1100	50	ug/L	M EPA 8015	3/24/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	103		% Recovery	M EPA 8015	3/22/2008
Octacosane (Diesel Silica Gel Surr)	107		% Recovery	M EPA 8015	3/22/2008

Approved By:

Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

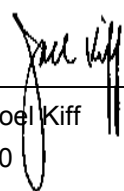
Sample : **MW-6**

Matrix : Water

Lab Number : 61660-07

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	3600	50	ug/L	M EPA 8015	3/22/2008
(Note: Some hydrocarbons lower-boiling, some higher-boiling than Diesel.)					
TPH as Motor Oil	7600	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	2800	100	ug/L	M EPA 8015	3/24/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	111		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	112		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

Sample : **MW-7**

Matrix : Water

Lab Number : 61660-08

Sample Date : 3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	3.5	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	96.7		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	7900	50	ug/L	M EPA 8015	3/22/2008
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
TPH as Motor Oil	20000	500	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	5500	50	ug/L	M EPA 8015	3/22/2008
(Note: Both lower boiling and higher boiling hydrocarbons present.)					
Octacosane (Diesel Surrogate)	110		% Recovery	M EPA 8015	3/22/2008
Octacosane (Diesel Silica Gel Surr)	91.9		% Recovery	M EPA 8015	3/22/2008

Approved By:

Joel Kiff

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**


Sample : **MW-9**

Matrix : Water

Lab Number : 61660-09

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	6400	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	8000	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	4000	50	ug/L	M EPA 8015	3/22/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	111		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	119		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**


Sample : **MW-10**

Matrix : Water

Lab Number : 61660-10

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	53	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	96.6		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	420	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	270	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	420	50	ug/L	M EPA 8015	3/22/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	119		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	100		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

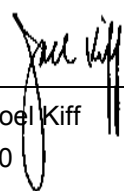
Sample : **MW-11**

Matrix : Water

Lab Number : 61660-11

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	61	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	410	50	ug/L	M EPA 8015	3/22/2008
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
TPH as Motor Oil	1200	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	520	50	ug/L	M EPA 8015	3/24/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	114		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	110		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

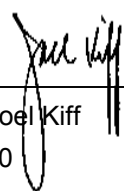
Sample : **MW-12**

Matrix : Water

Lab Number : 61660-12

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	3/25/2008
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	3/24/2008
TPH as Jet Fuel	< 50	50	ug/L	M EPA 8015	3/25/2008
Octacosane (Diesel Surrogate)	108		% Recovery	M EPA 8015	3/24/2008
Octacosane (Diesel Silica Gel Surr)	109		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

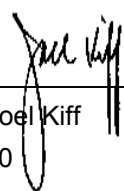
Sample : **MW-13**

Matrix : Water

Lab Number : 61660-13

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	0.89	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	2.0	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	350	50	ug/L	EPA 8260B	3/20/2008
(Note: Primarily compounds not found in typical Gasoline)					
Naphthalene	8.9	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	96.3		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	490	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	130	100	ug/L	M EPA 8015	3/22/2008
(Note: Hydrocarbons are lower-boiling than typical Motor Oil)					
TPH as Jet Fuel	1200	50	ug/L	M EPA 8015	3/24/2008
Octacosane (Diesel Surrogate)	107		% Recovery	M EPA 8015	3/22/2008
Octacosane (Diesel Silica Gel Surr)	104		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff



Report Number : 61660

Date : 3/26/2008

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**


Sample : **MW-14**

Matrix : Water

Lab Number : 61660-14

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	1.7	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	5.0	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	96.6		% Recovery	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	3/20/2008
TPH as Diesel (Silica Gel)	250	50	ug/L	M EPA 8015	3/22/2008
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
TPH as Motor Oil	350	100	ug/L	M EPA 8015	3/22/2008
TPH as Jet Fuel	500	50	ug/L	M EPA 8015	3/24/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	112		% Recovery	M EPA 8015	3/22/2008
Octacosane (Diesel Silica Gel Surr)	118		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff

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Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

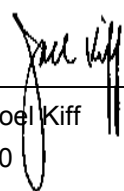
Sample : **MW-15**

Matrix : Water

Lab Number : 61660-15

Sample Date :3/14/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/25/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/25/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/25/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/25/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/25/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/25/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/25/2008
Toluene - d8 (Surr)	96.1		% Recovery	EPA 8260B	3/25/2008
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	3/25/2008
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	3/22/2008
TPH as Jet Fuel	88	50	ug/L	M EPA 8015	3/25/2008
(Note: Hydrocarbons are higher-boiling than typical Jet Fuel.)					
Octacosane (Diesel Surrogate)	113		% Recovery	M EPA 8015	3/22/2008
Octacosane (Diesel Silica Gel Surr)	114		% Recovery	M EPA 8015	3/22/2008

Approved By:  Joel Kiff

Report Number : 61660

Date : 3/26/2008

QC Report : Method Blank Data

Project Name : **Rolls-Royce Engine Test Facility**

Project Number : **25-948218.1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	3/22/2008
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	3/22/2008
TPH as Jet Fuel	< 50	50	ug/L	M EPA 8015	3/22/2008
Octacosane (Diesel Surrogate)	112		%	M EPA 8015	3/22/2008
Octacosane (Diesel Silica Gel Surr)	106		%	M EPA 8015	3/22/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/19/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/19/2008
Toluene - d8 (Surr)	101		%	EPA 8260B	3/19/2008
4-Bromofluorobenzene (Surr)	97.7		%	EPA 8260B	3/19/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/20/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/20/2008
Toluene - d8 (Surr)	96.4		%	EPA 8260B	3/20/2008
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	3/20/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	3/24/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	3/24/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	3/24/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	3/24/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	3/24/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	3/24/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	3/24/2008
Toluene - d8 (Surr)	96.3		%	EPA 8260B	3/24/2008
4-Bromofluorobenzene (Surr)	106		%	EPA 8260B	3/24/2008

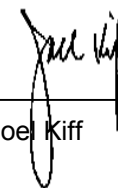
Approved By:  _____
 Joel Kiff

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Rolls-Royce Engine Test Facility**Project Number : **25-948218.1**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	60	1000	1000	1070	1060	ug/L	M EPA 8015	3/22/08	101	99.9	0.966	70-130	25
TPH-D (Si Gel)	Blank	<50	1000	1000	938	932	ug/L	M EPA 8015	3/22/08	93.8	93.2	0.616	70-130	25
Benzene	61660-01	<0.50	40.0	39.9	38.0	37.8	ug/L	EPA 8260B	3/19/08	95.1	94.8	0.284	70-130	25
Toluene	61660-01	<0.50	40.0	39.9	38.5	39.0	ug/L	EPA 8260B	3/19/08	96.3	97.7	1.44	70-130	25
Tert-Butanol	61660-01	<5.0	200	200	187	188	ug/L	EPA 8260B	3/19/08	93.7	94.1	0.444	70-130	25
Methyl-t-Butyl Ether	61660-01	<0.50	40.0	39.9	37.5	38.6	ug/L	EPA 8260B	3/19/08	93.7	96.7	3.18	70-130	25
Benzene	61656-04	<0.50	40.0	40.0	40.2	40.5	ug/L	EPA 8260B	3/20/08	100	101	0.671	70-130	25
Toluene	61656-04	<0.50	40.0	40.0	38.7	39.1	ug/L	EPA 8260B	3/20/08	96.8	97.8	1.00	70-130	25
Tert-Butanol	61656-04	<5.0	200	200	202	212	ug/L	EPA 8260B	3/20/08	101	106	4.63	70-130	25
Methyl-t-Butyl Ether	61656-04	<0.50	40.0	40.0	38.1	38.6	ug/L	EPA 8260B	3/20/08	95.2	96.6	1.46	70-130	25
Benzene	61708-05	<0.50	40.0	40.0	40.4	40.1	ug/L	EPA 8260B	3/24/08	101	100	0.671	70-130	25
Toluene	61708-05	<0.50	40.0	40.0	38.6	38.6	ug/L	EPA 8260B	3/24/08	96.4	96.4	0.0338	70-130	25
Tert-Butanol	61708-05	<5.0	200	200	201	203	ug/L	EPA 8260B	3/24/08	100	101	1.05	70-130	25
Methyl-t-Butyl Ether	61708-05	<0.50	40.0	40.0	38.9	38.7	ug/L	EPA 8260B	3/24/08	97.2	96.8	0.456	70-130	25

Approved By: Joel Kiff



KIFF ANALYTICAL, LLC

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QC Report : Laboratory Control Sample (LCS)Project Name : **Rolls-Royce Engine Test Facility**Project Number : **25-948218.1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	3/19/08	95.5	70-130
Toluene	40.0	ug/L	EPA 8260B	3/19/08	97.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/19/08	90.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/19/08	94.0	70-130
Benzene	40.0	ug/L	EPA 8260B	3/20/08	104	70-130
Toluene	40.0	ug/L	EPA 8260B	3/20/08	99.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/20/08	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/20/08	101	70-130
Benzene	40.0	ug/L	EPA 8260B	3/24/08	102	70-130
Toluene	40.0	ug/L	EPA 8260B	3/24/08	97.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	3/24/08	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	3/24/08	98.0	70-130

KIFF ANALYTICAL, LLC

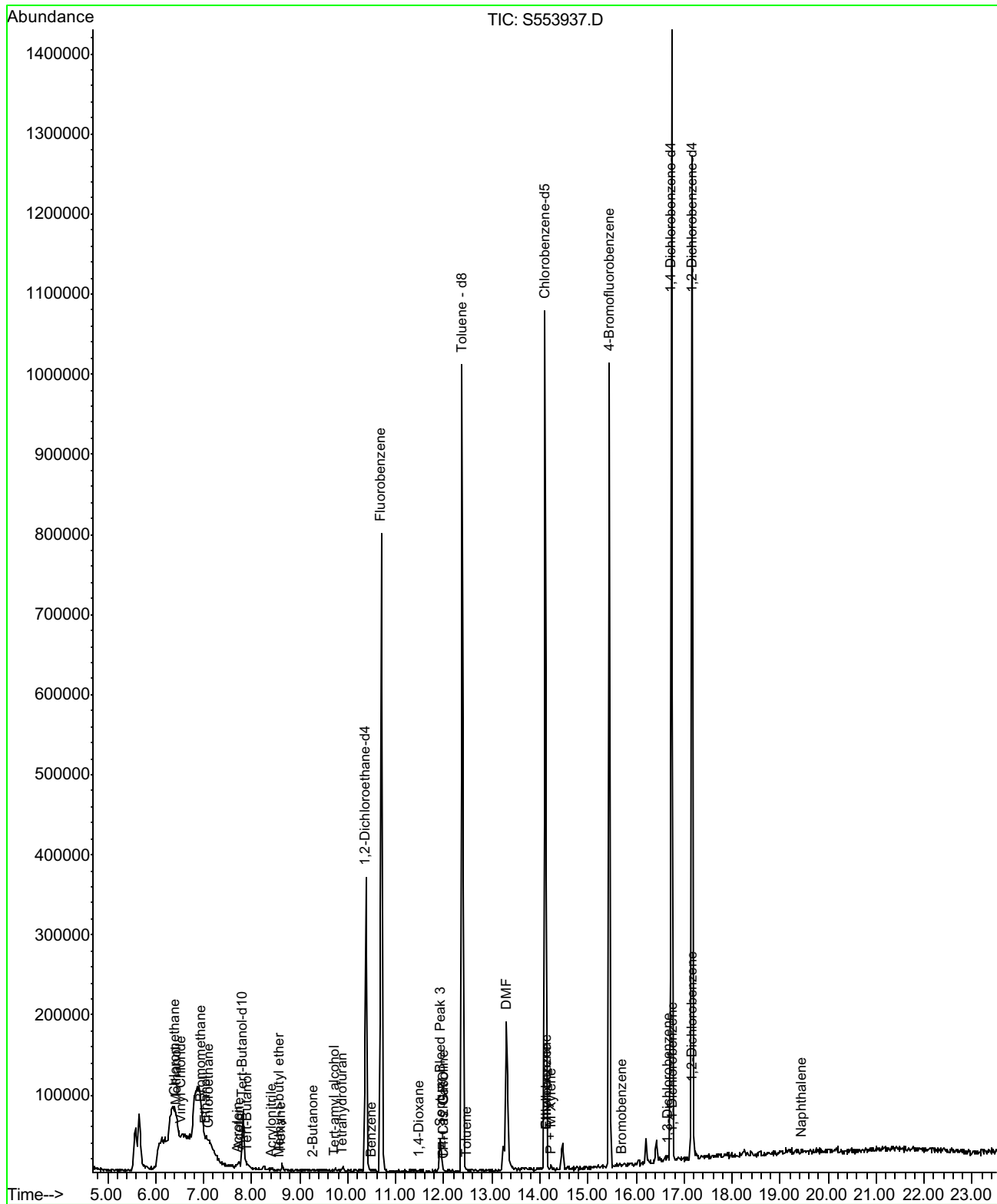
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By:

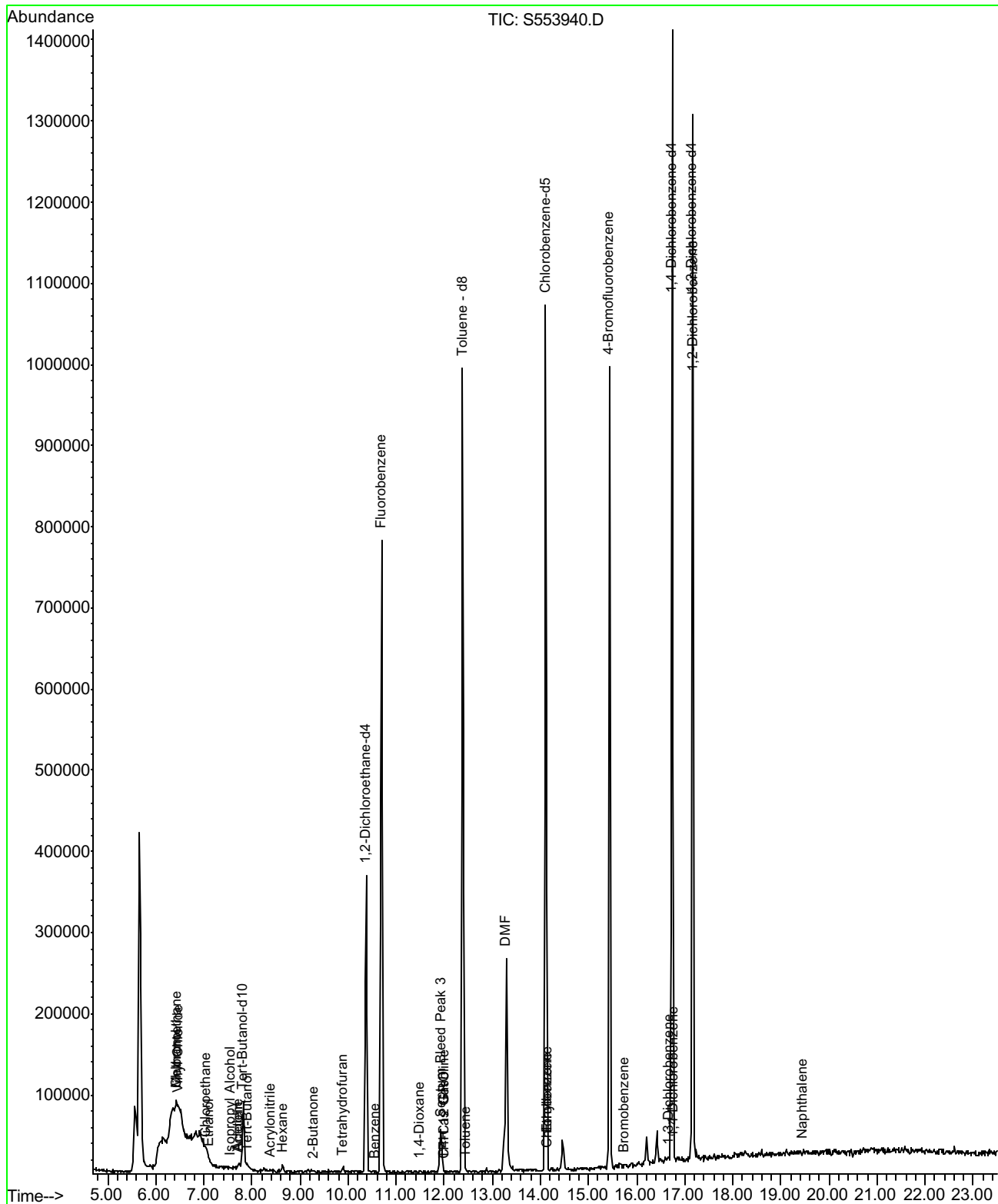


 Joel Kiff

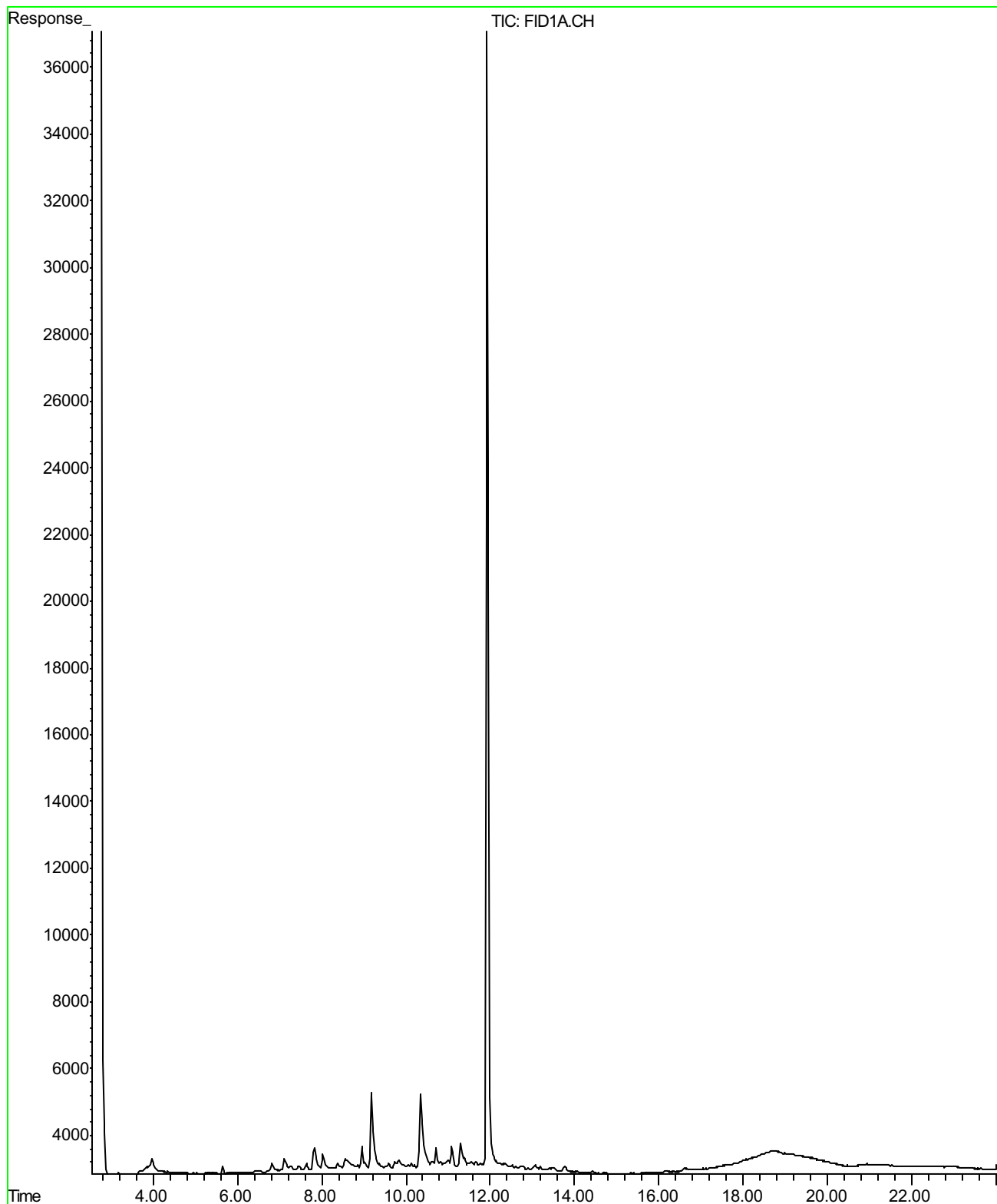
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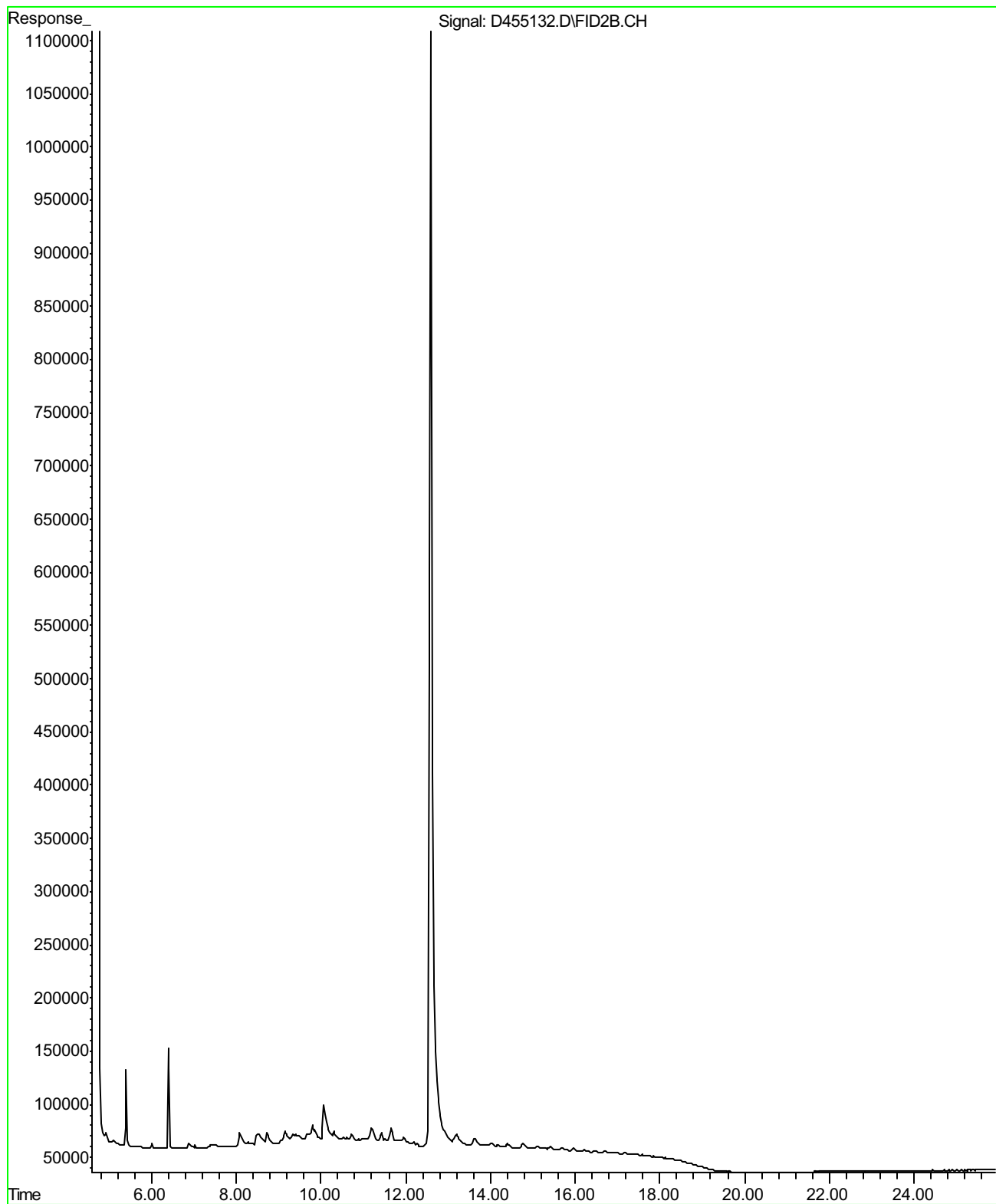
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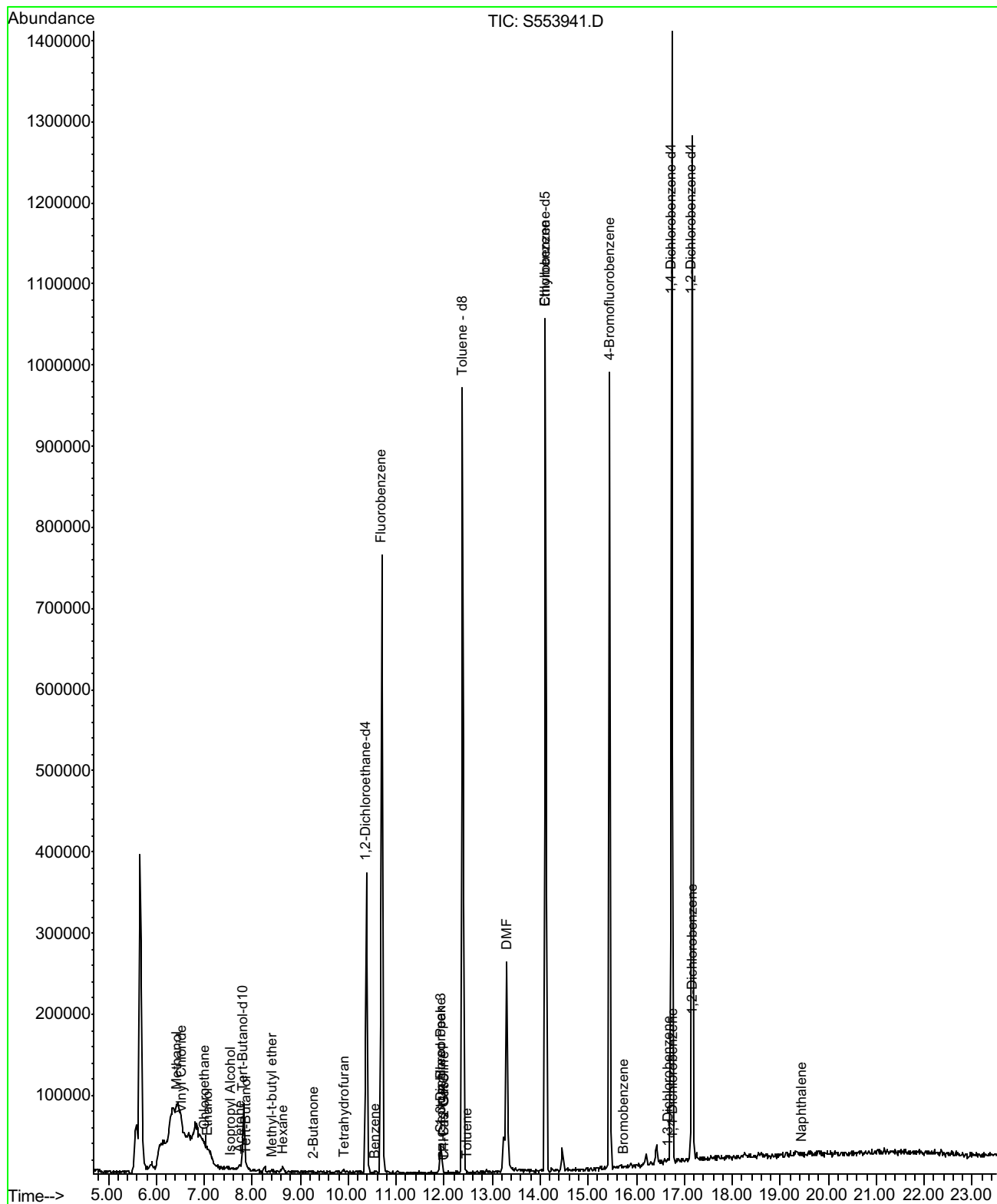
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Date Analyzed : 03/22/08
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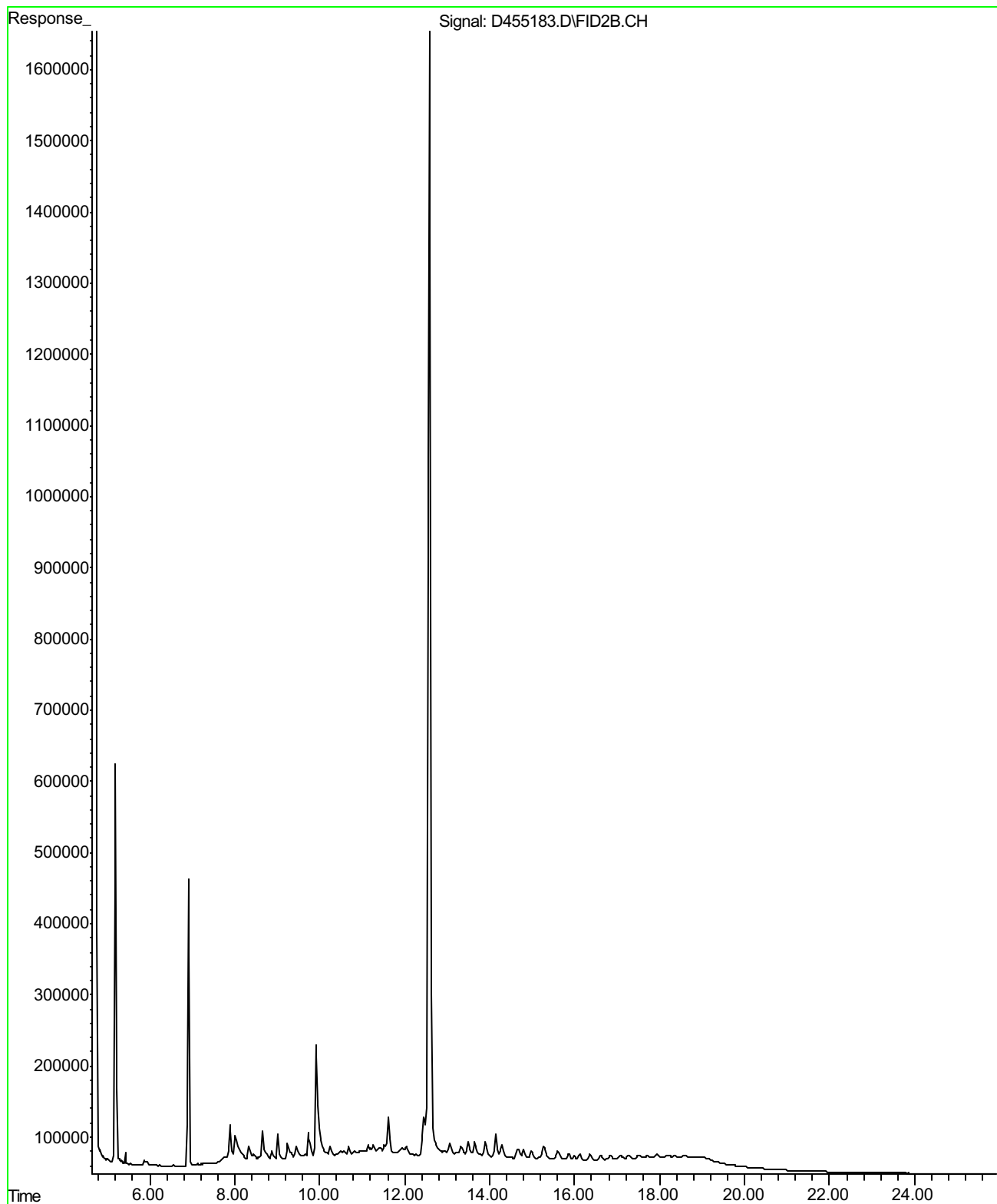
Sample ID : 61660-02 W/Silica Gel (MW-1)
Date Analyzed : 03/22/08
Data File : D455132
Analysis Method : M EPA 8015



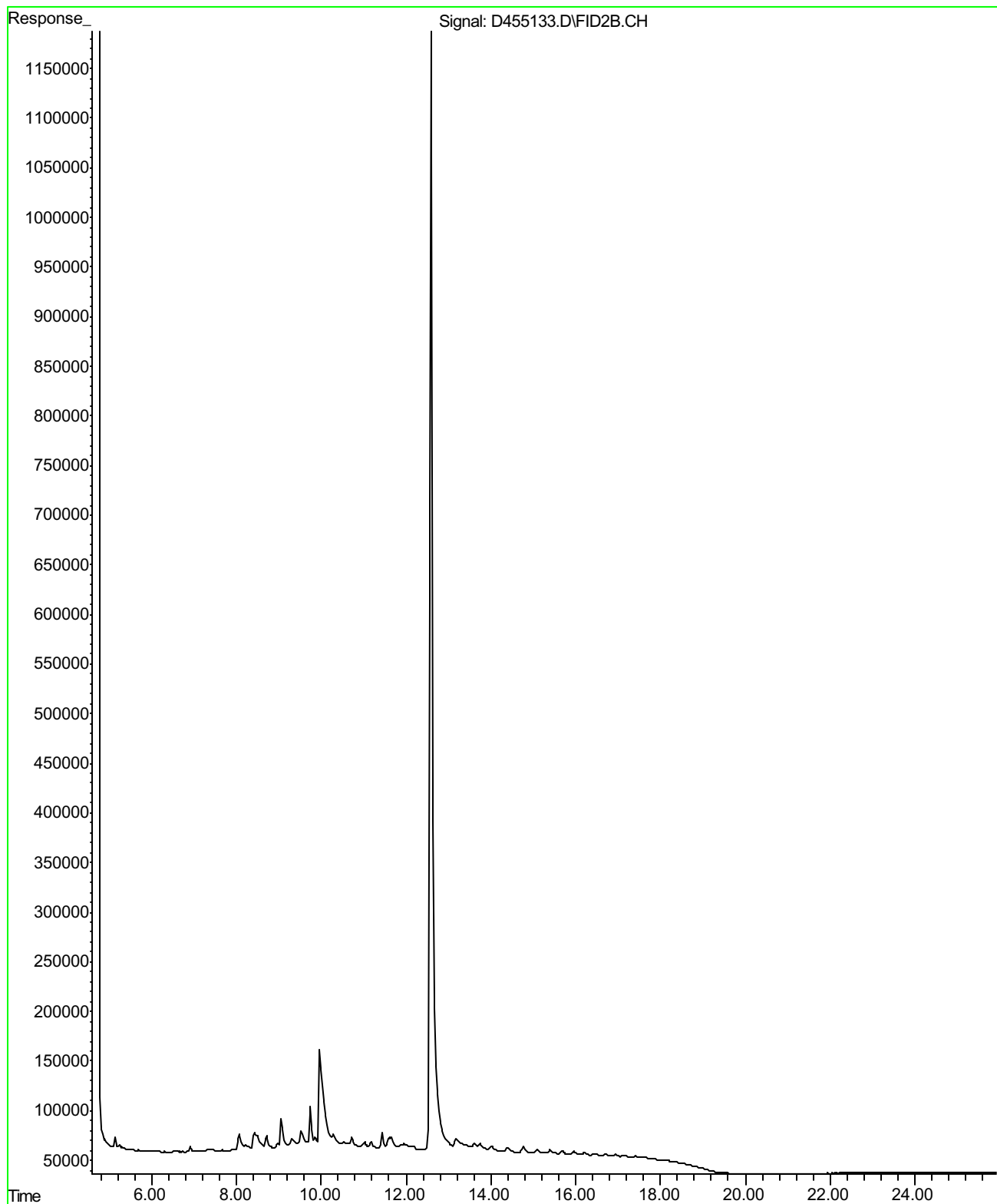
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Date Analyzed : 03/19/08
Data File : S553941
Analysis Method : EPA 8260B



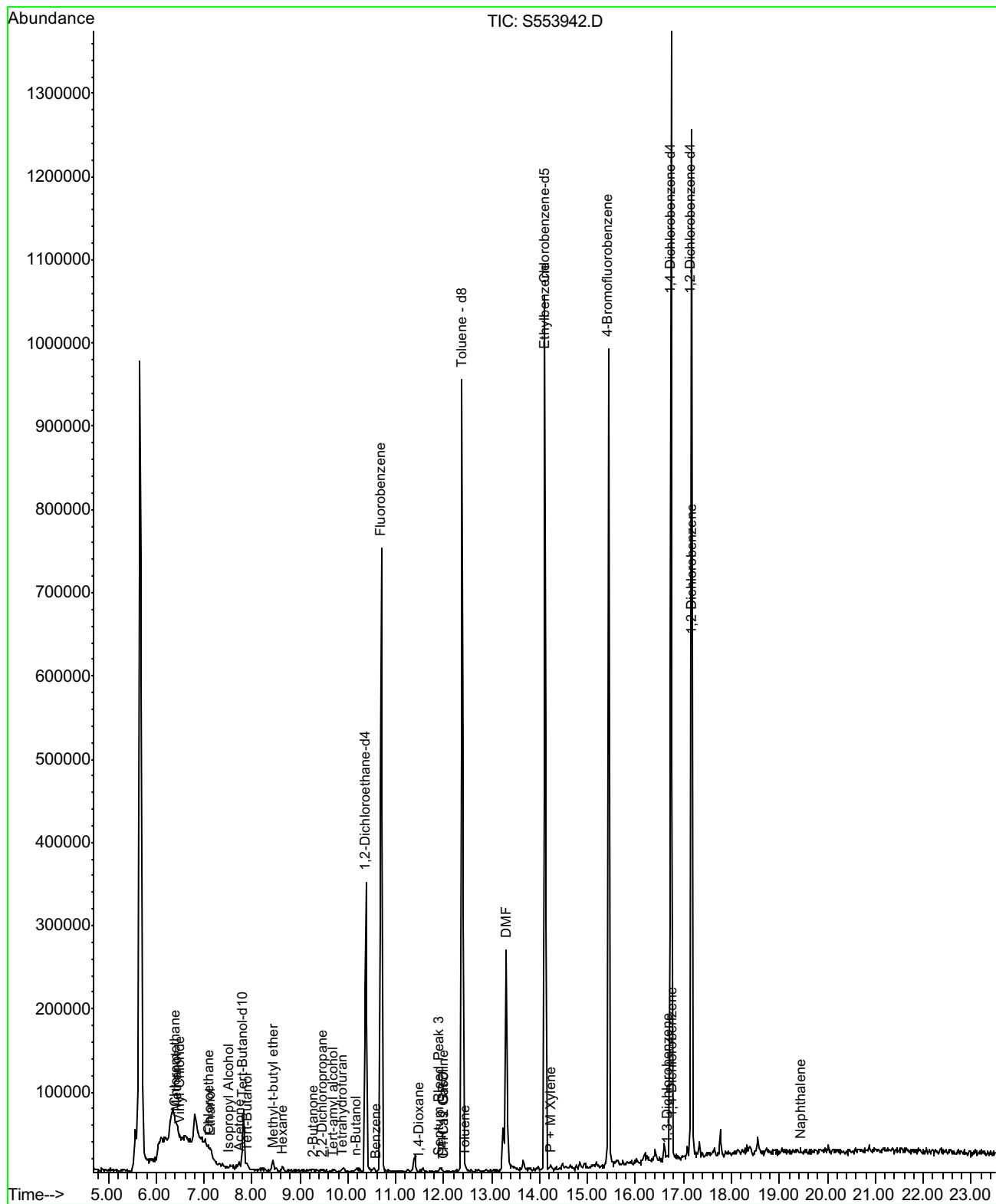
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Analysis Method : M EPA 8015



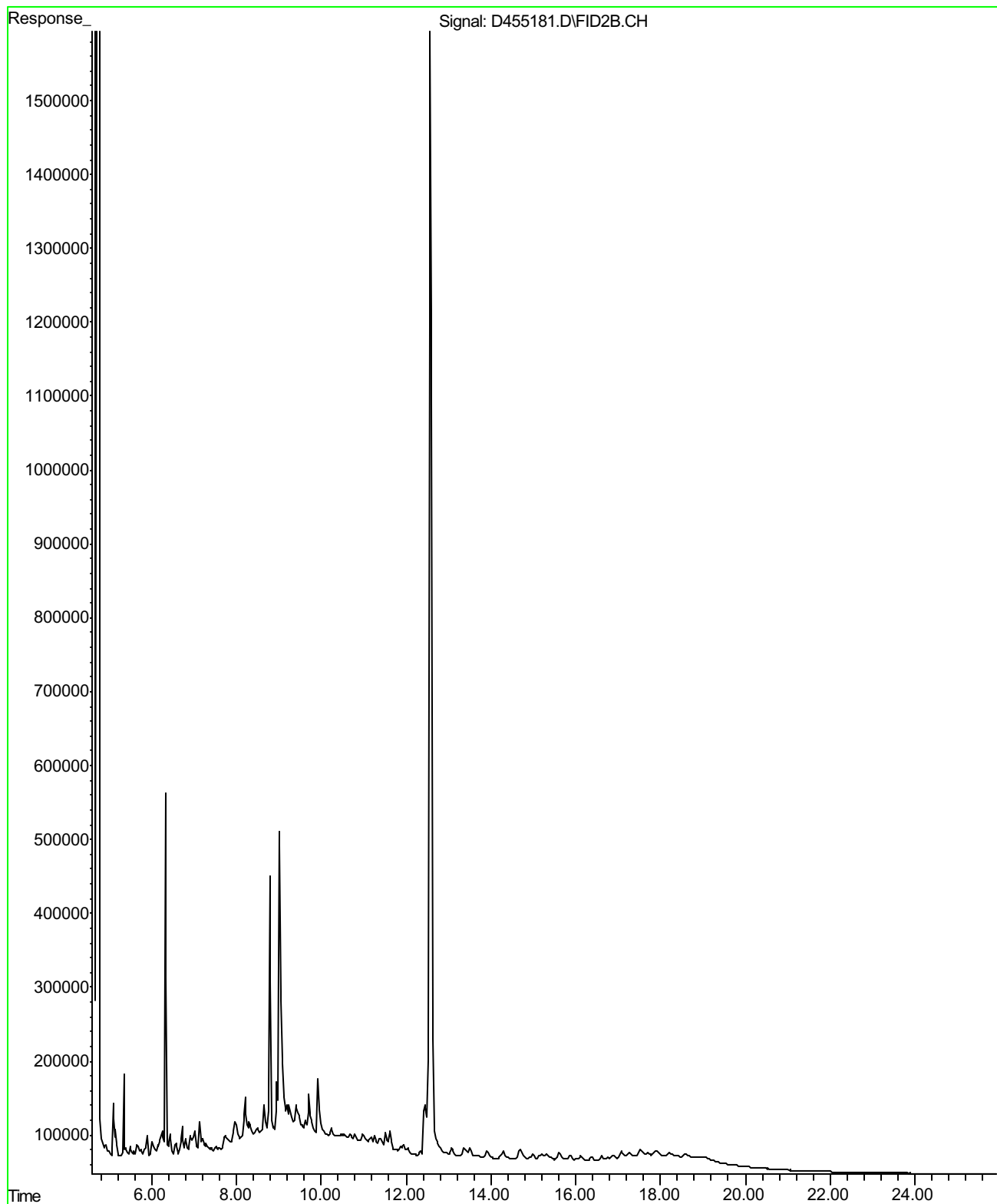
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Date Analyzed : 03/22/08
Data File : D455133
Analysis Method : M EPA 8015



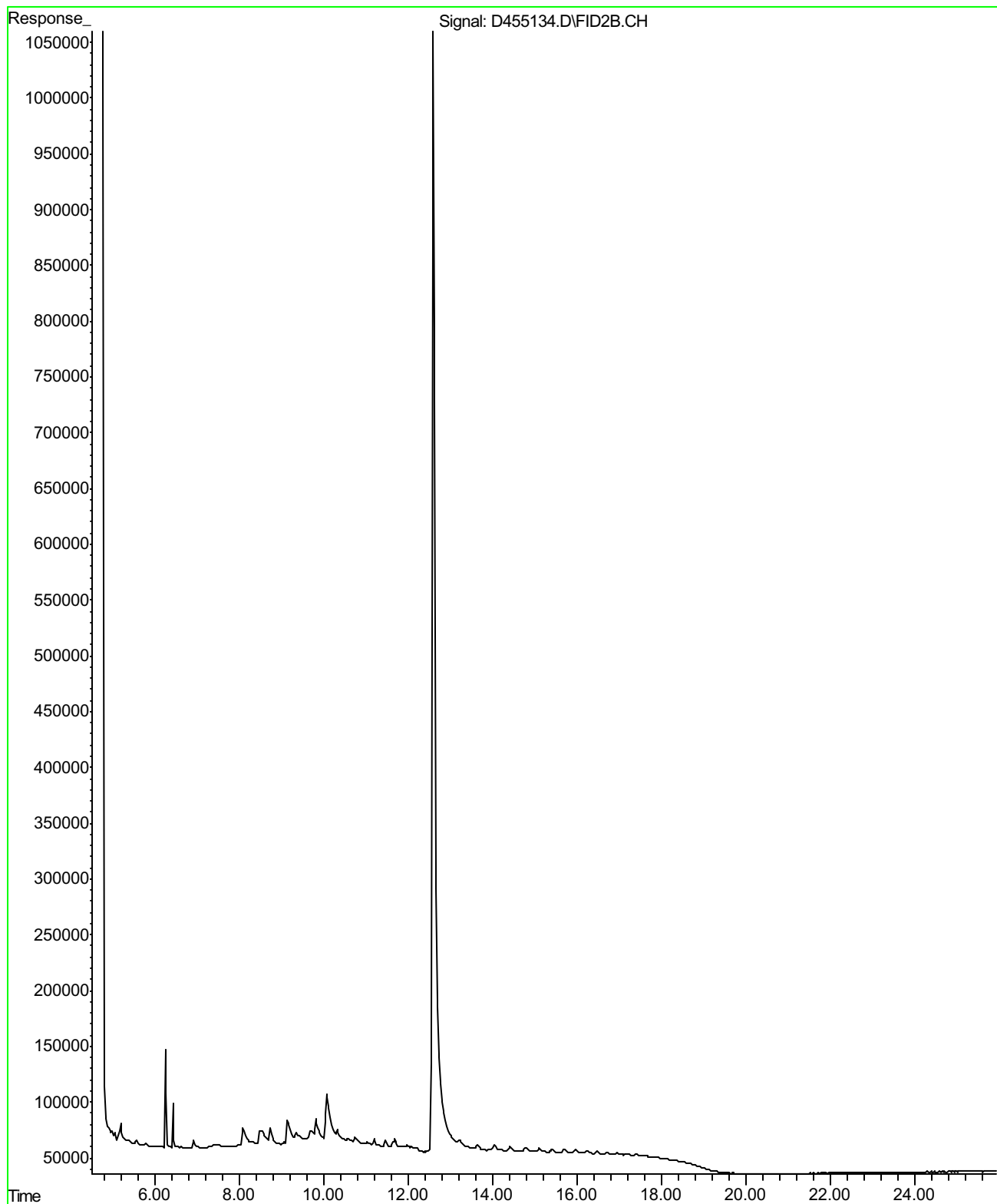
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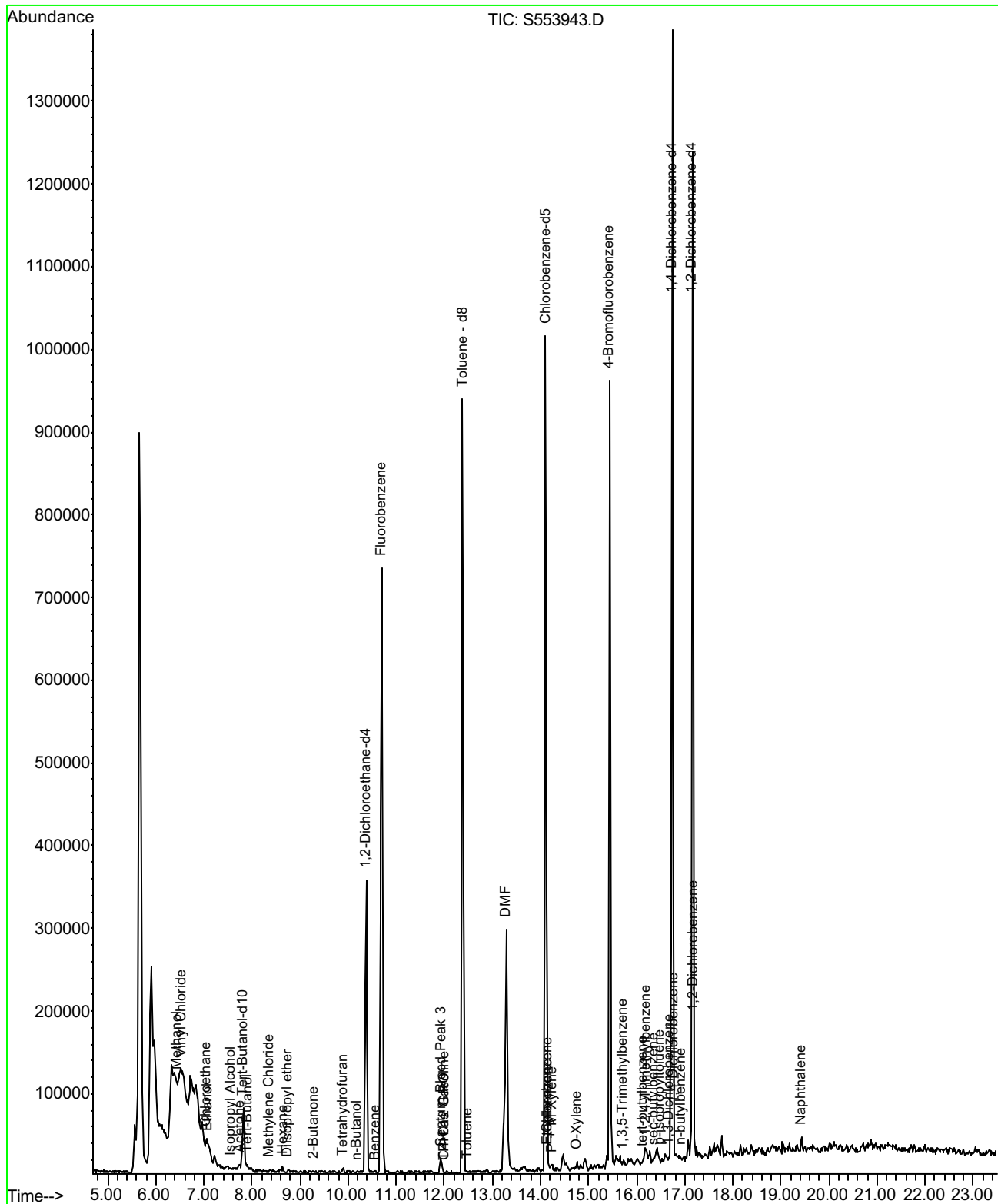
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Analysis Method : M EPA 8015



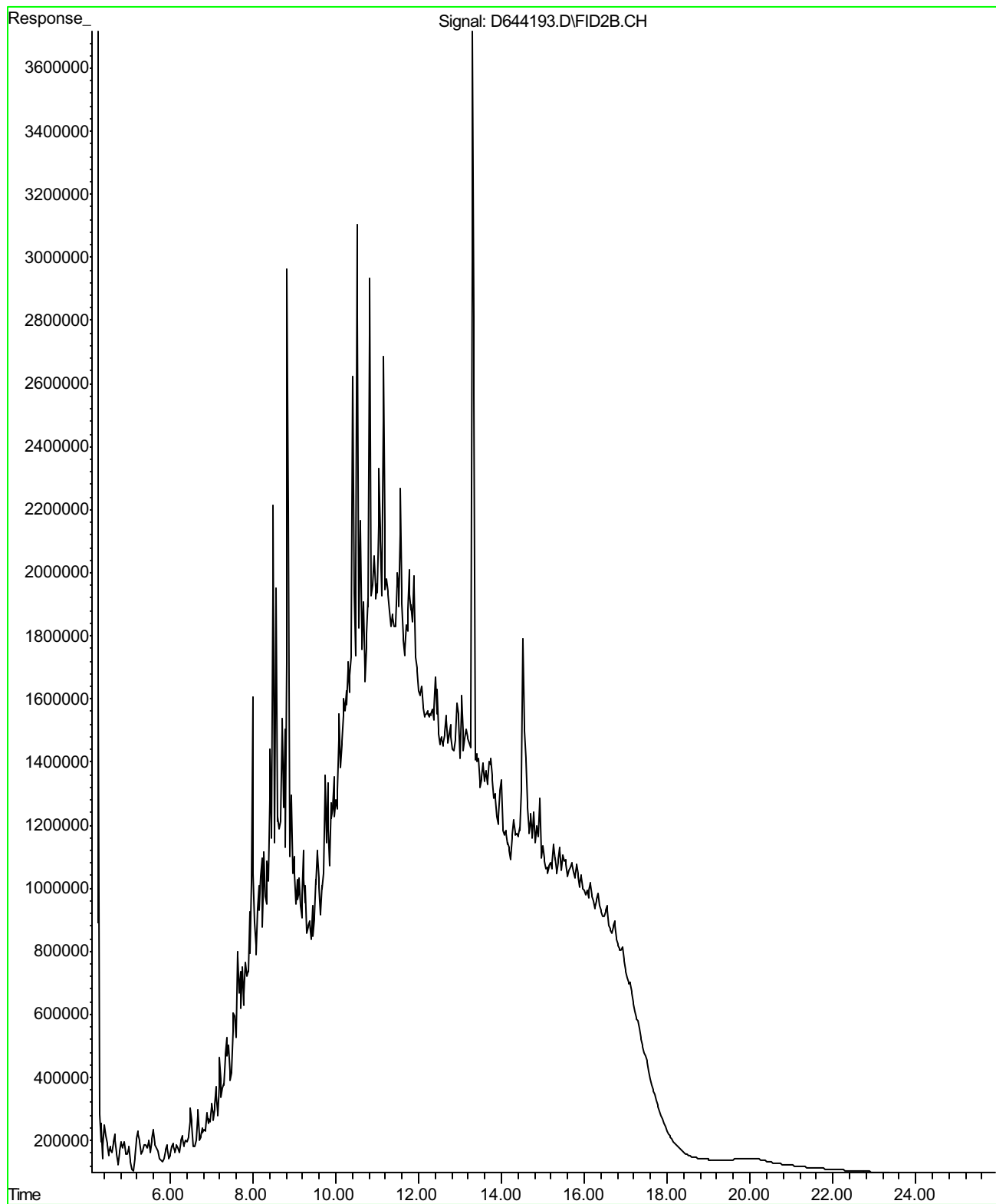
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Data File : D455134
Analysis Method : M EPA 8015



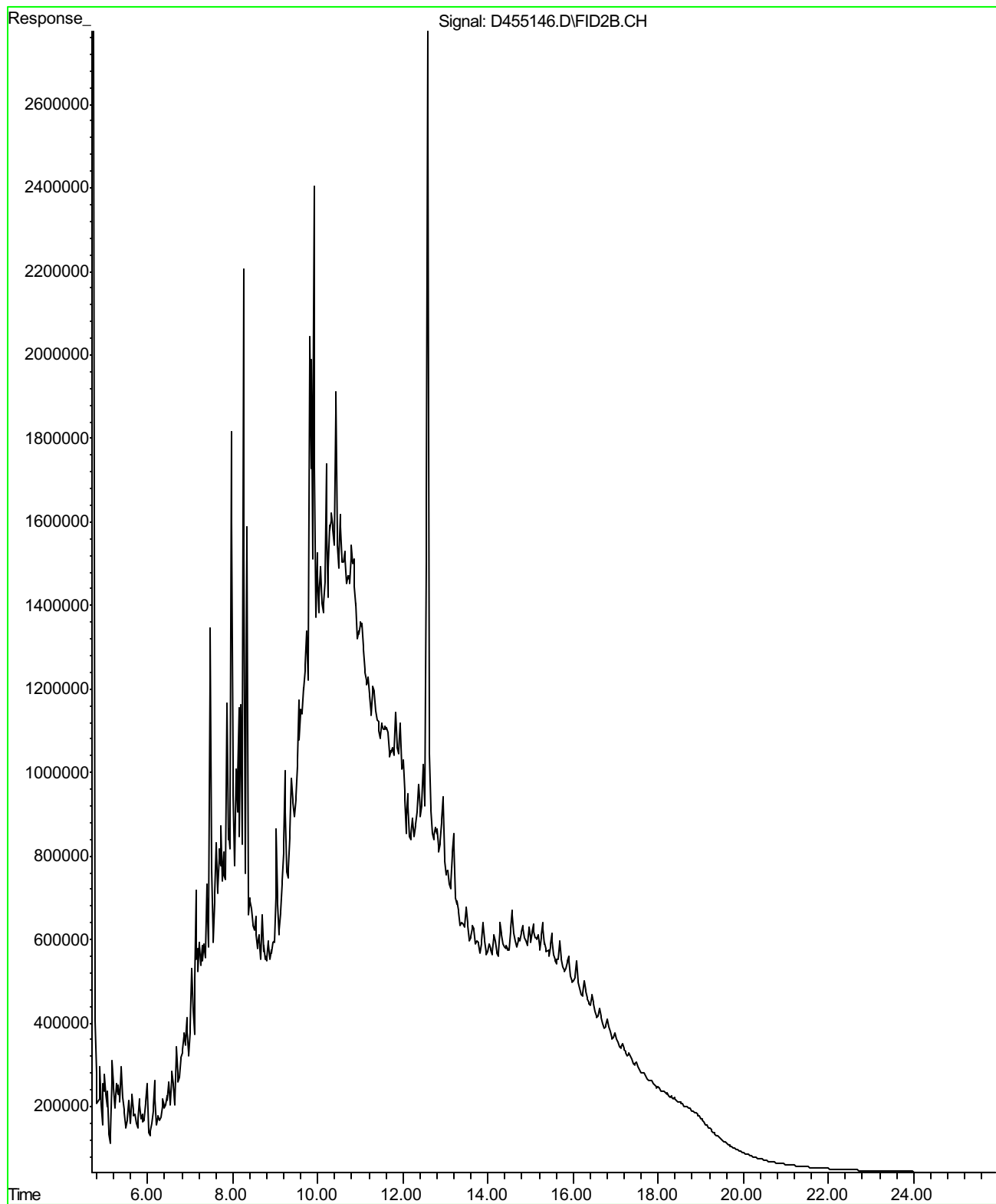
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 Analysis Method : EPA 8260B



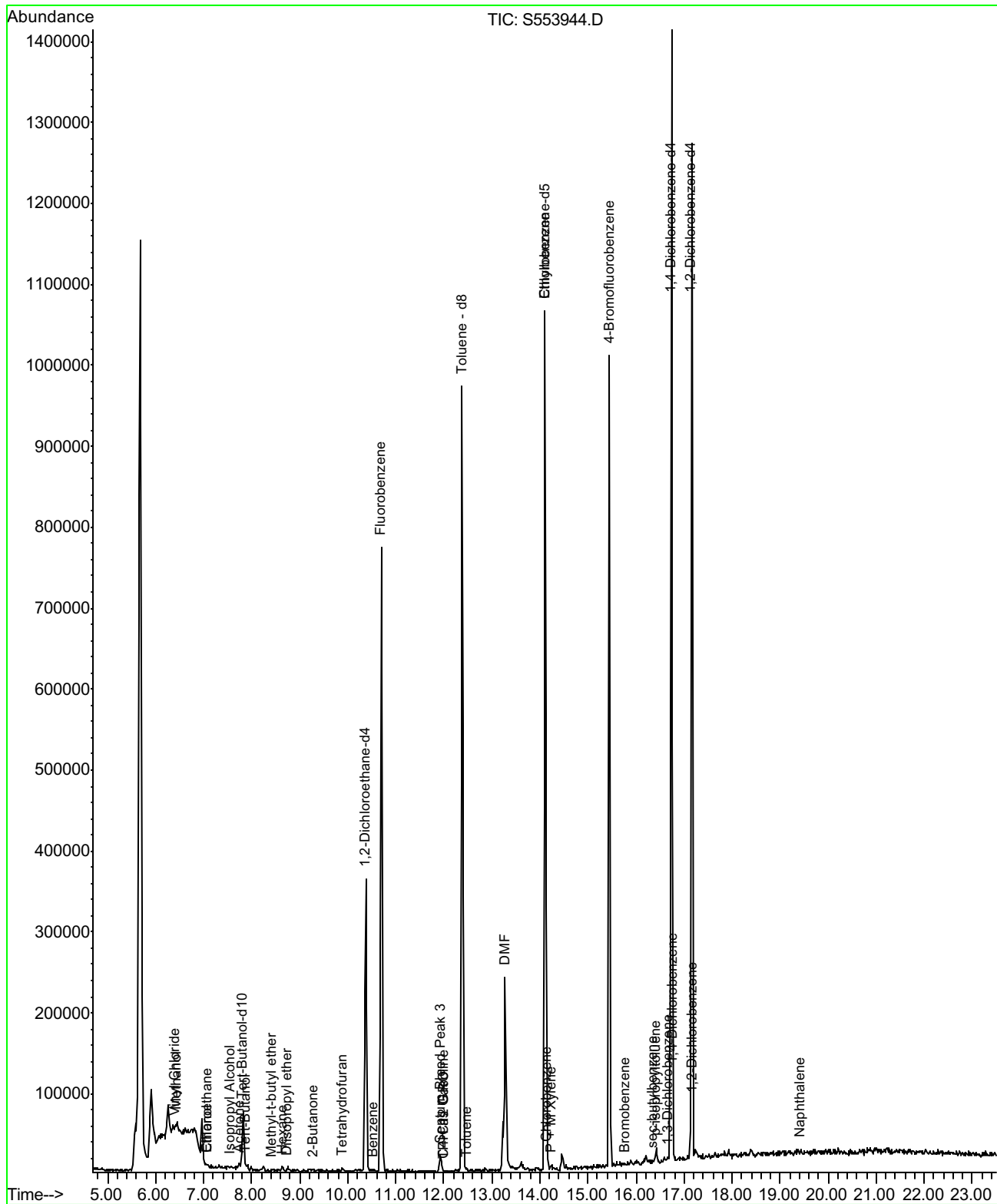
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Data File : D644193
Analysis Method : M EPA 8015



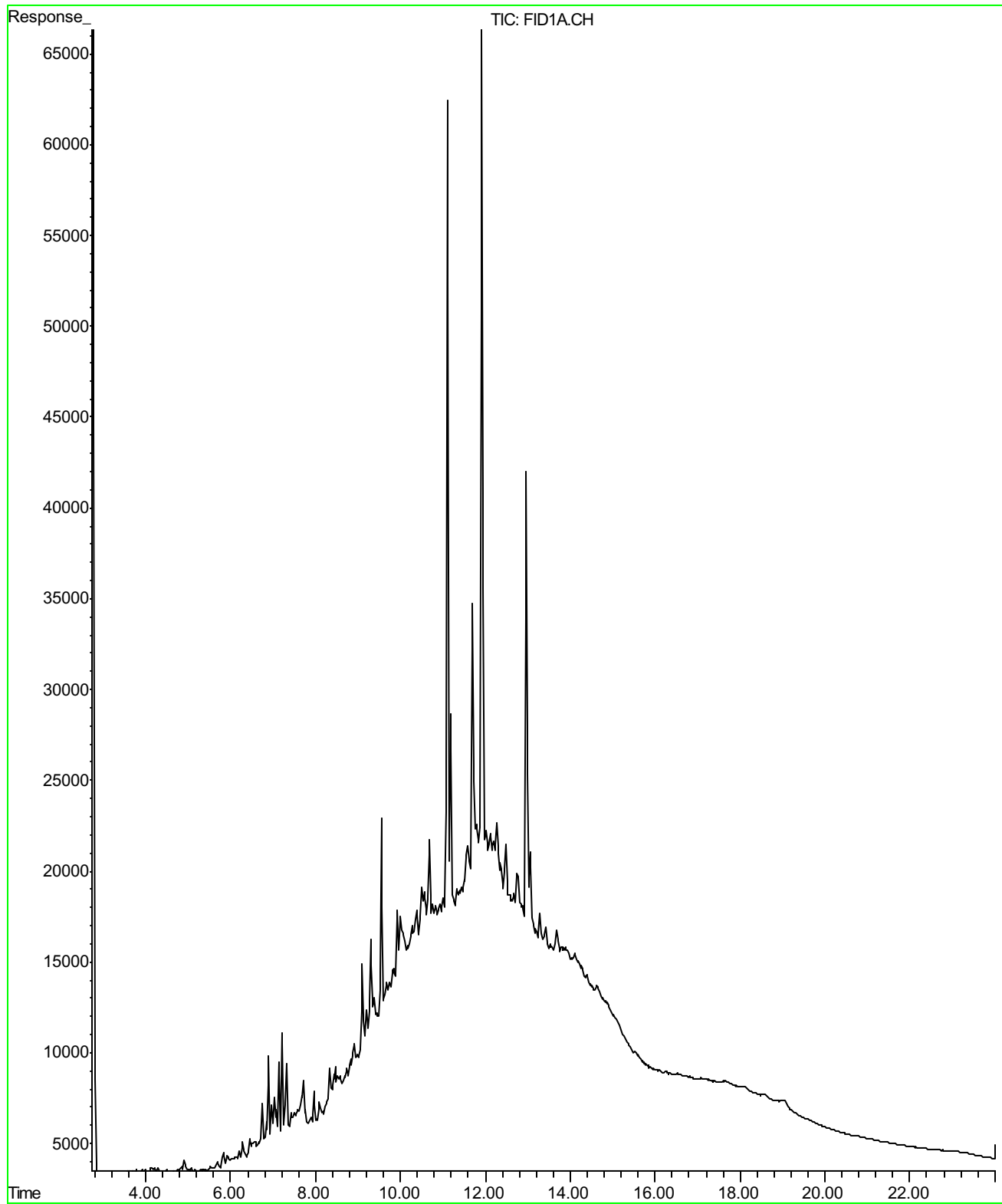
Sample ID : 61660-05 W/Silica Gel (MW-4)
Date Analyzed : 03/22/08
Data File : D455146
Analysis Method : M EPA 8015



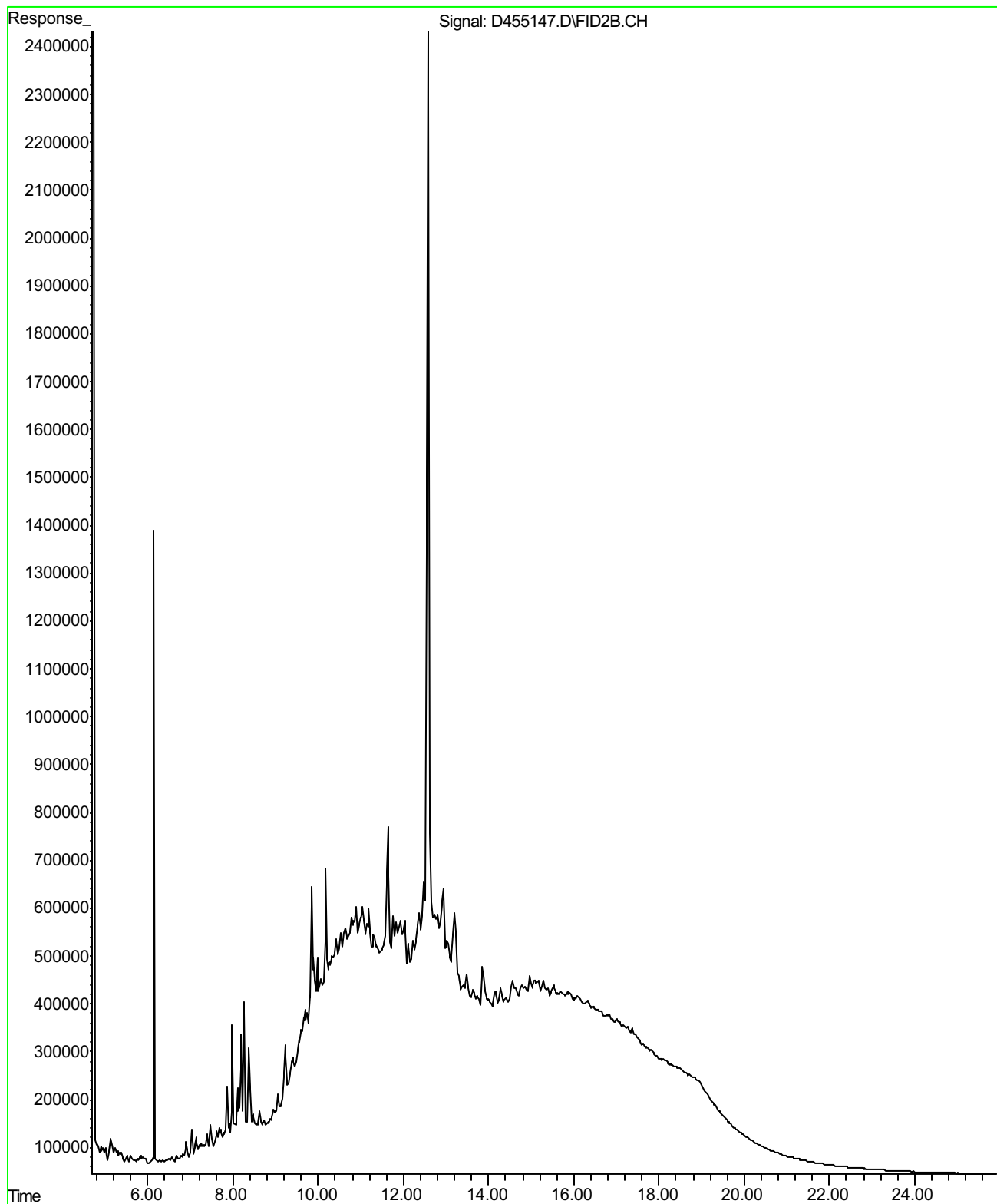
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 Date Analyzed : 03/20/08
 Data File : S553944
 Analysis Method : EPA 8260B



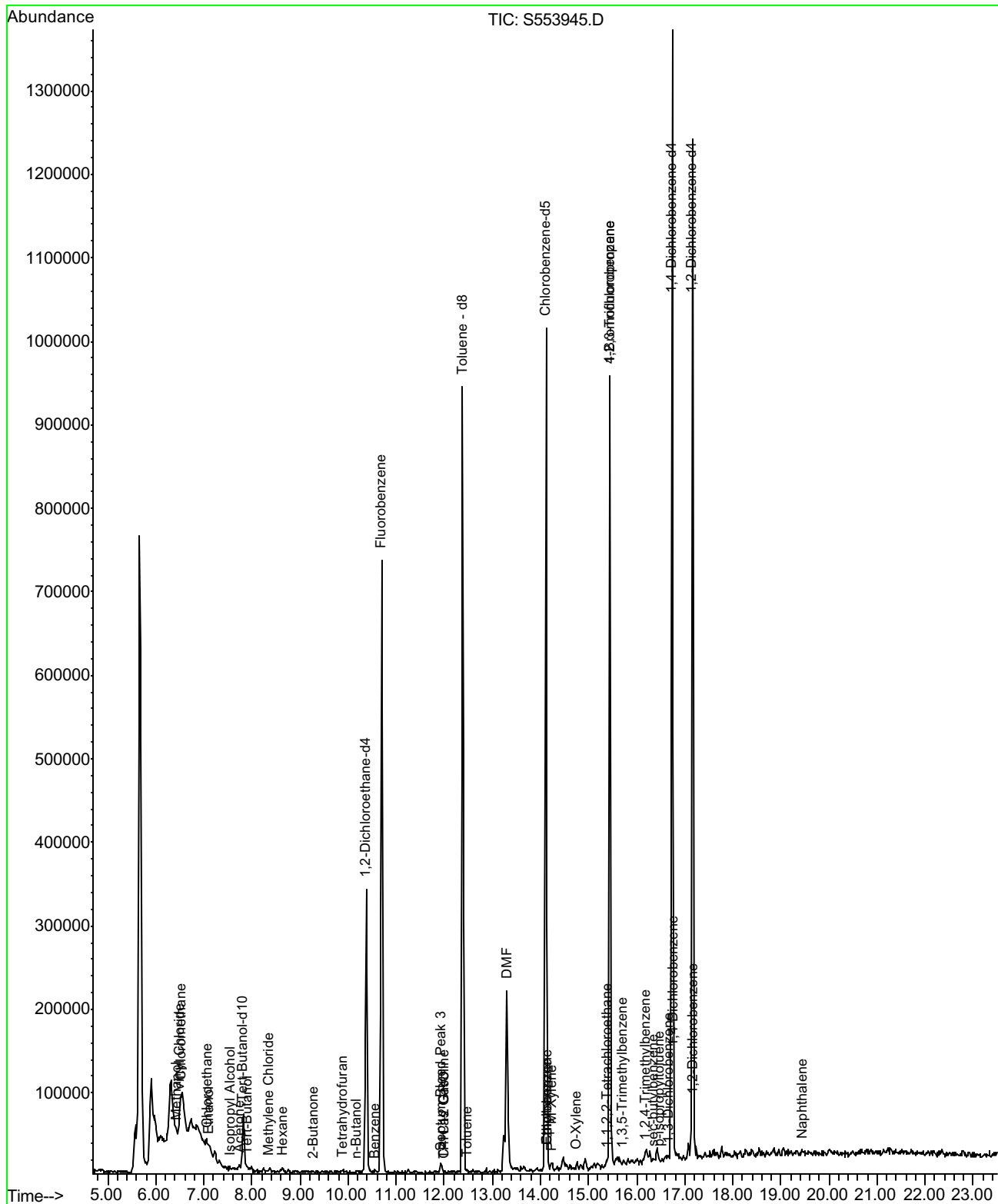
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Analysis Method : M EPA 8015



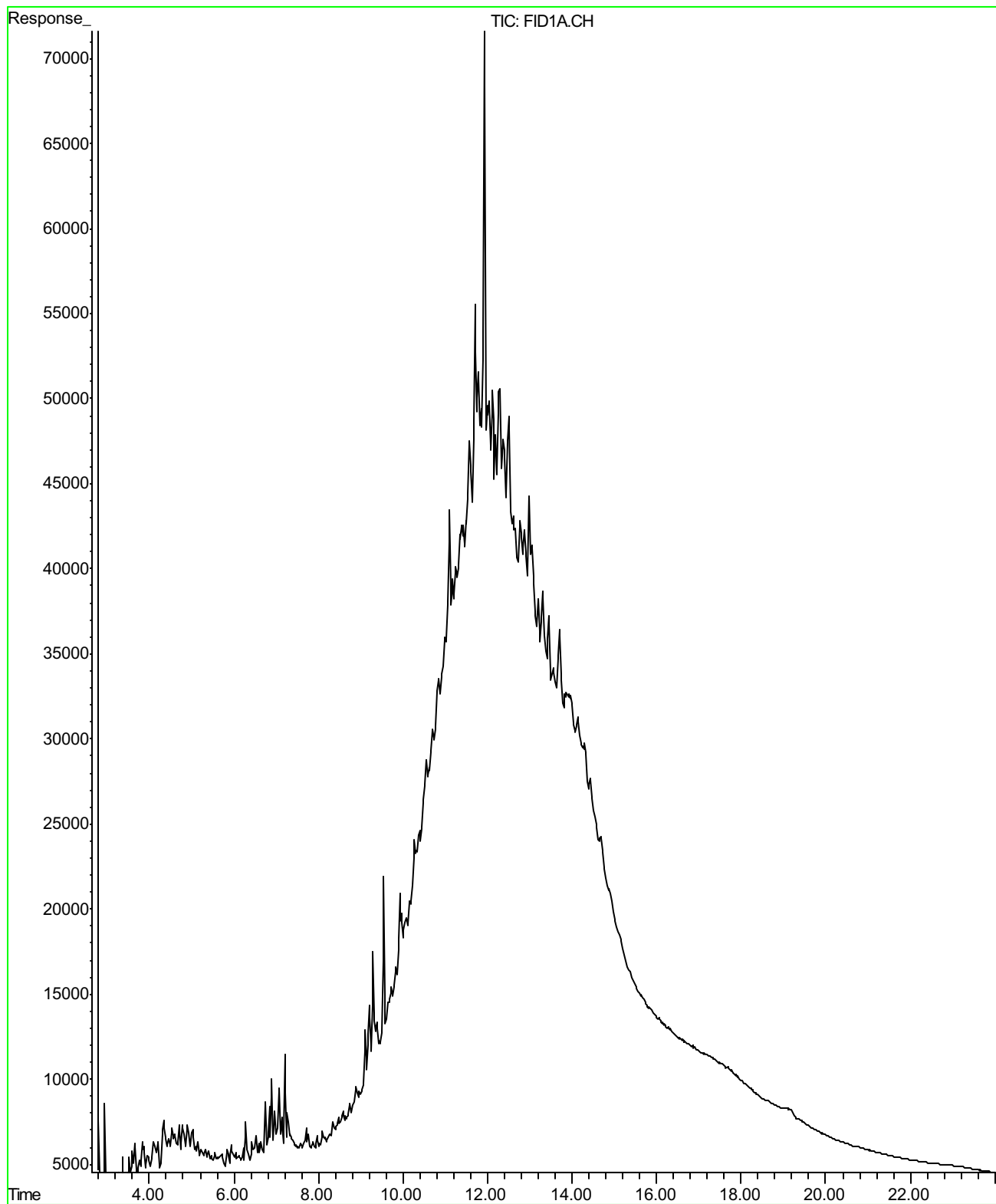
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Date Analyzed : 03/22/08
Data File : D455147
Analysis Method : M EPA 8015



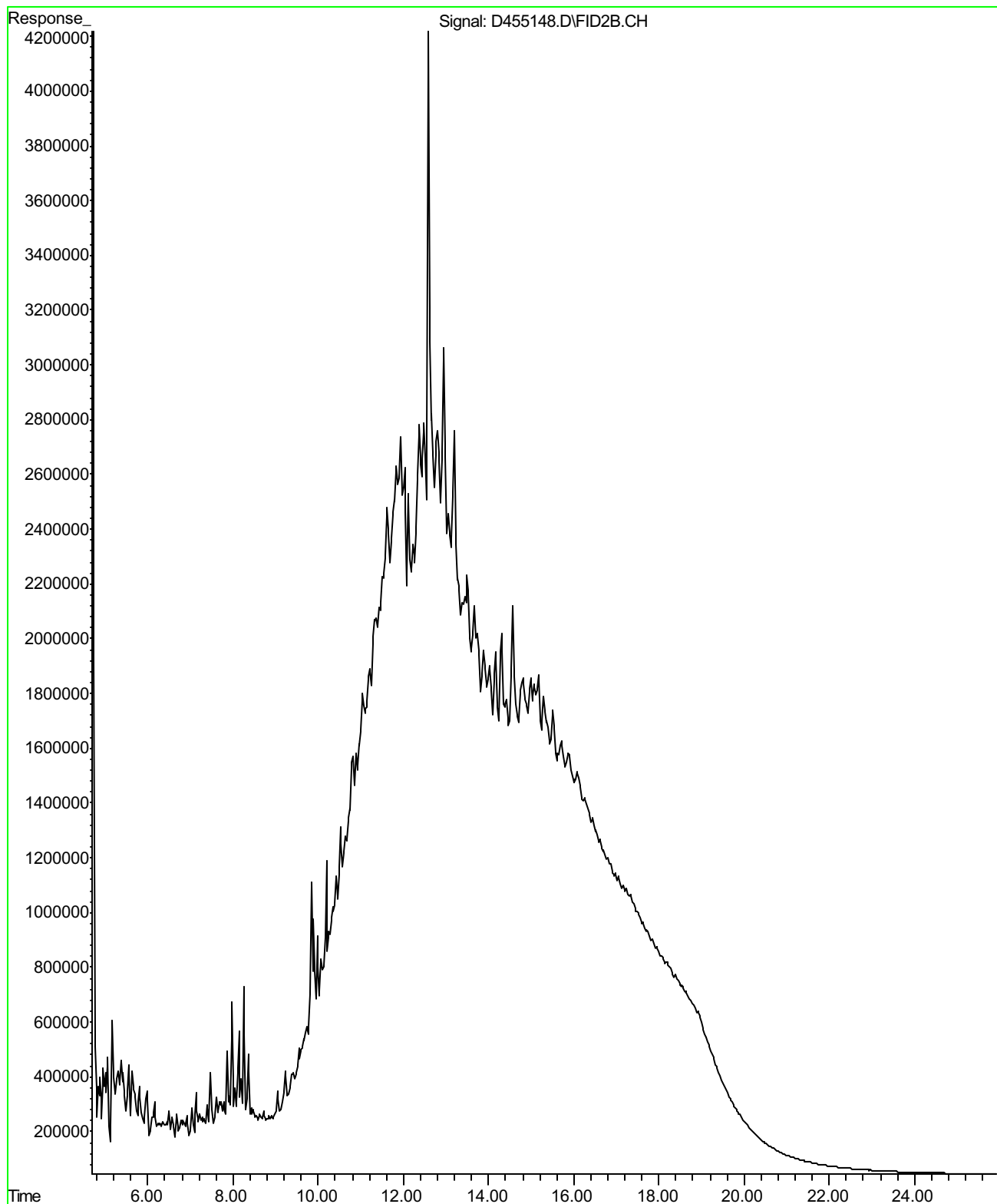
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 Date Analyzed : 03/20/08
 Data File : S553945
 Analysis Method : EPA 8260B



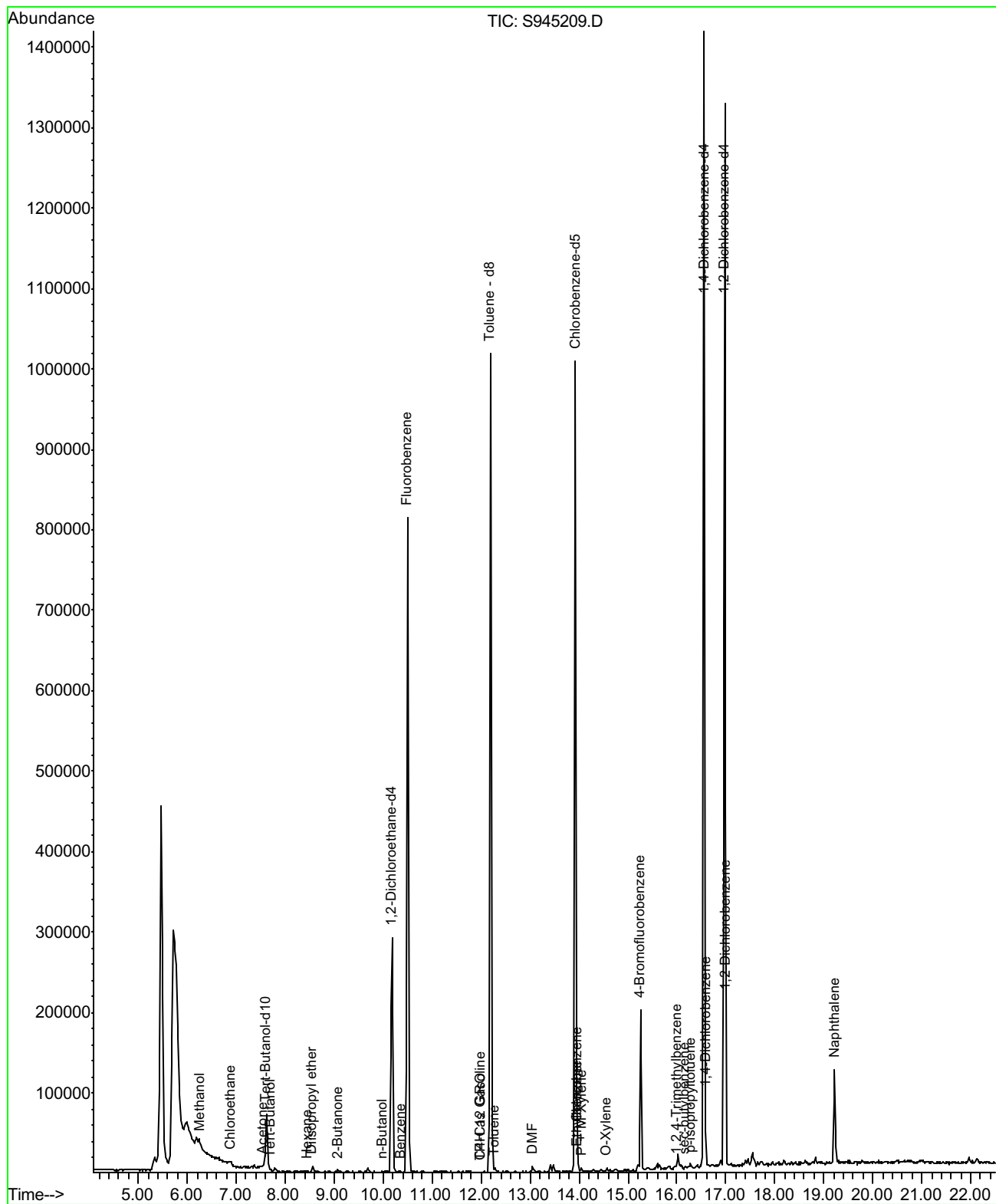
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Date Analyzed : 03/24/08
Data File : D278477
Analysis Method : M EPA 8015



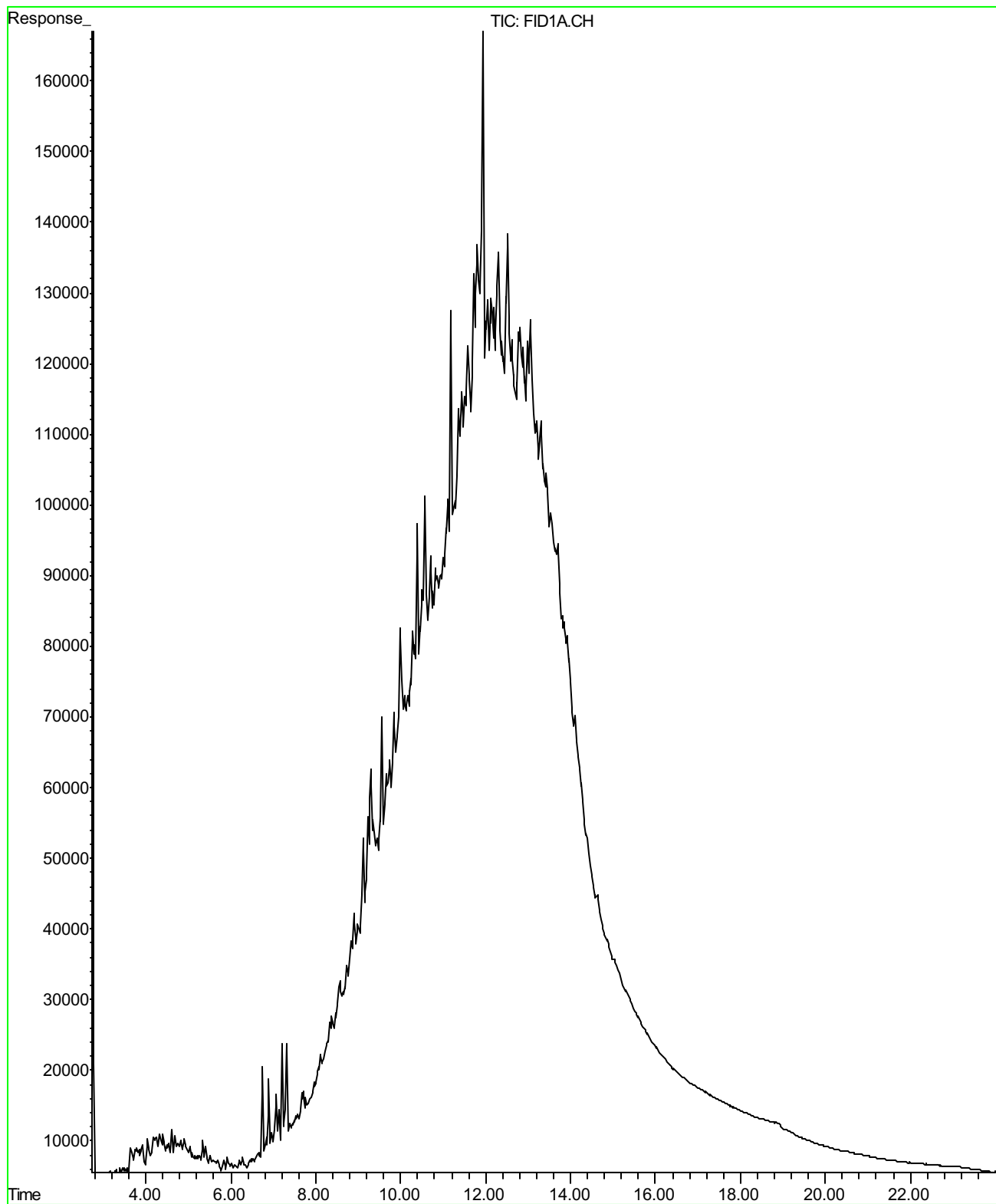
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Date Analyzed : 03/22/08
Data File : D455148
Analysis Method : M EPA 8015



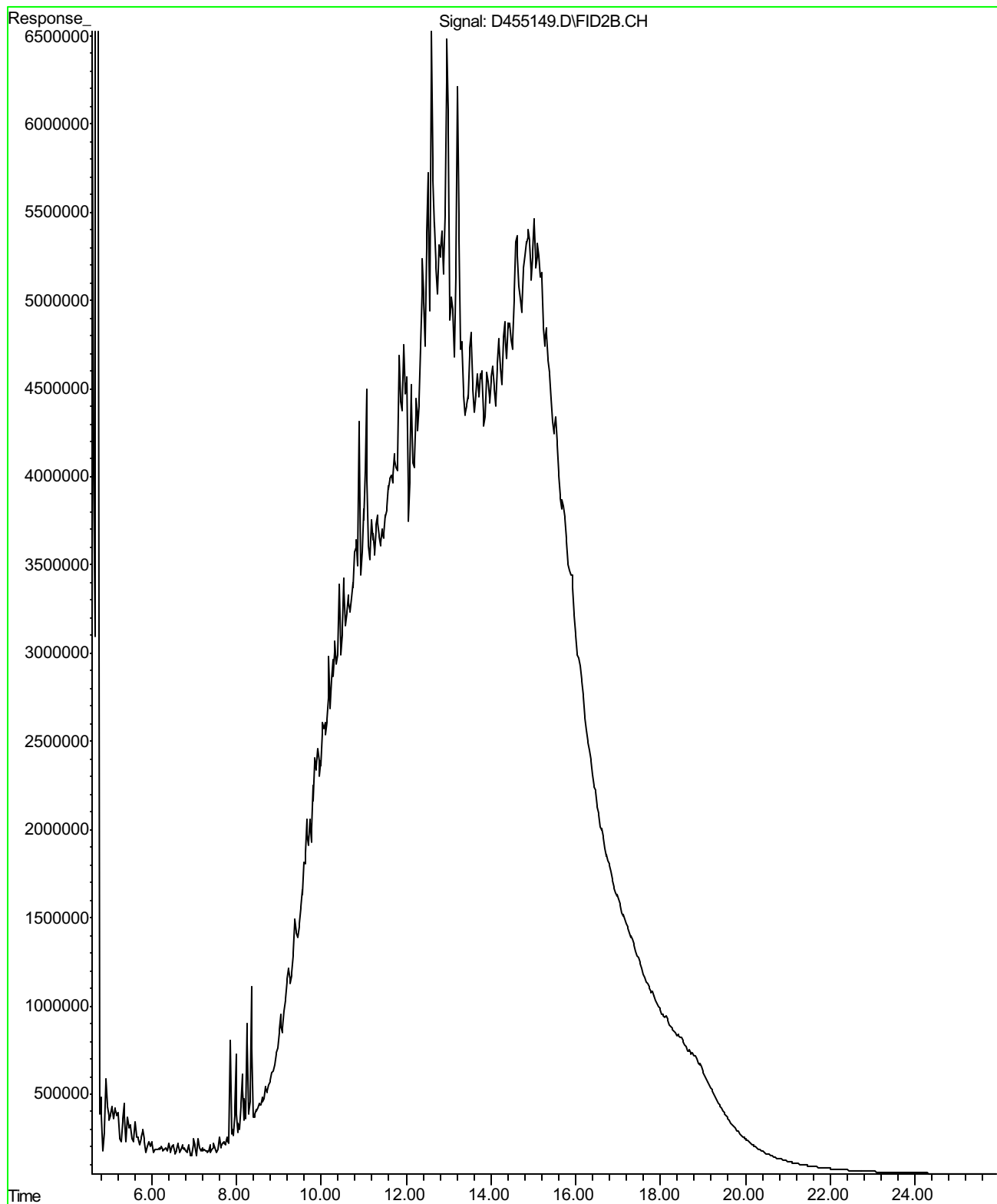
Sample ID : 61660-08 (MW-7)
Date Analyzed : 03/20/08
Data File : S945209
Analysis Method : EPA 8260B



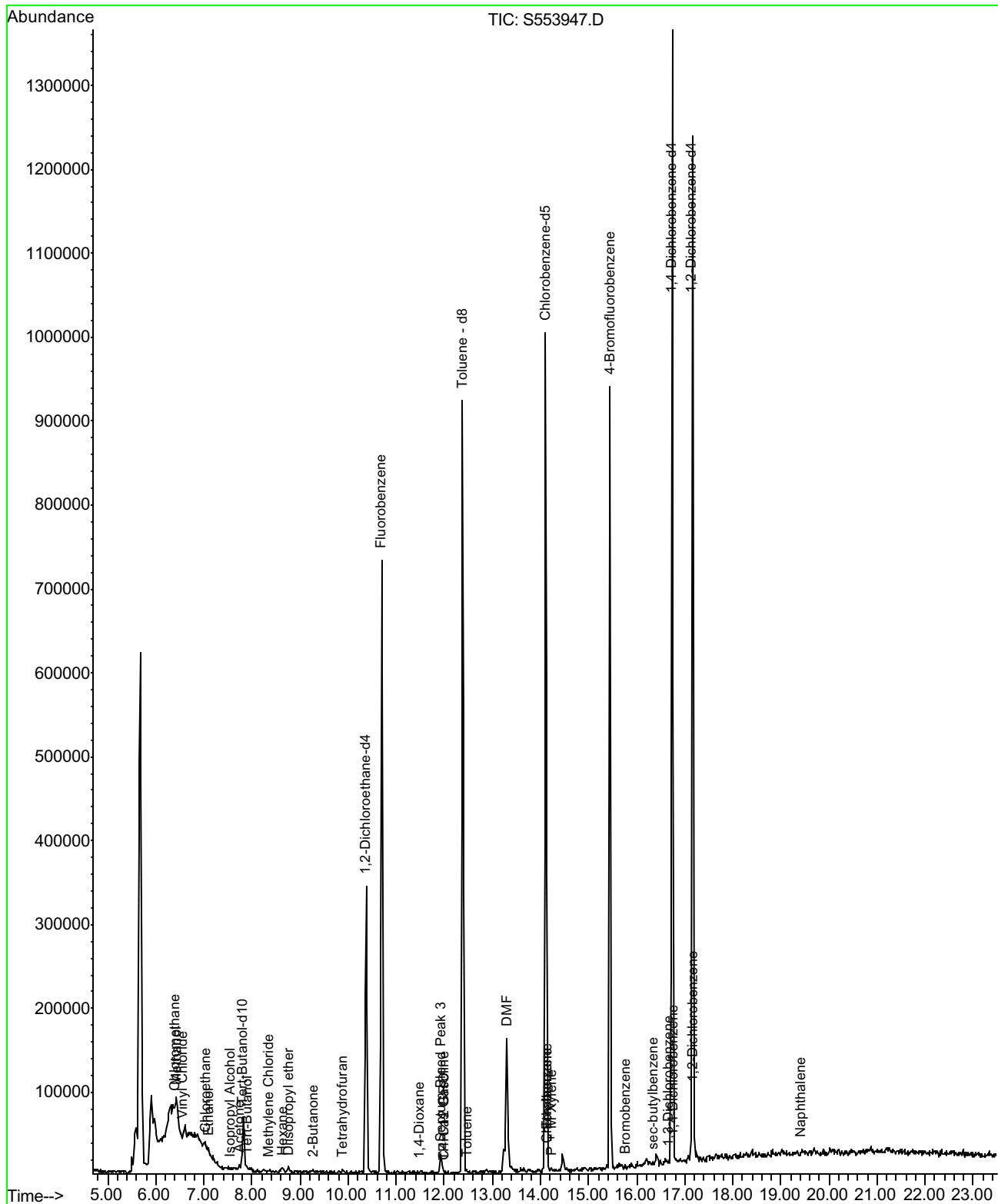
Sample ID : 61660-08 (MW-7)
Date Analyzed : 03/22/08
Data File : D278458
Analysis Method : M EPA 8015



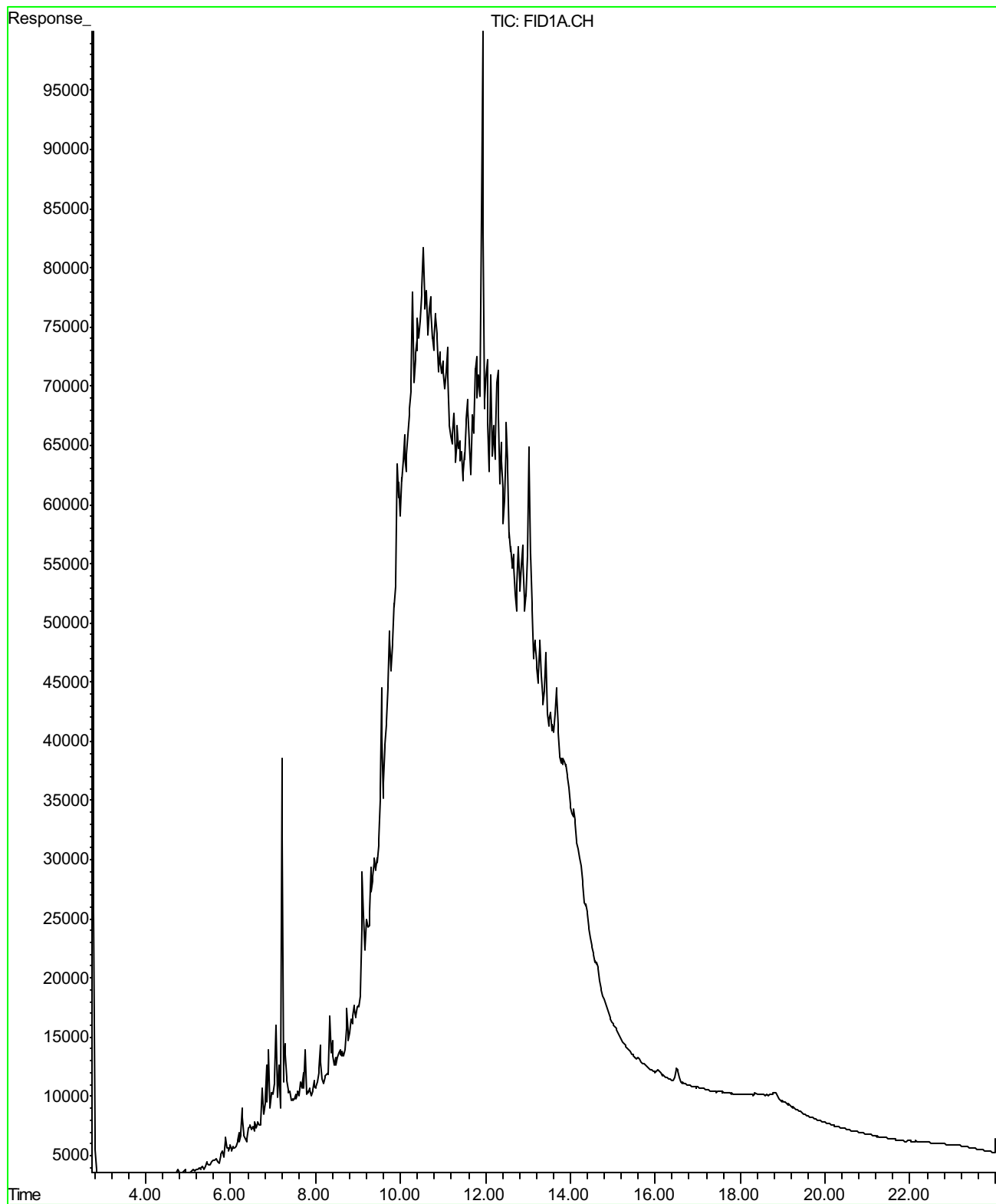
Sample ID : 61660-08 W/Silica Gel (MW-7)
Date Analyzed : 03/22/08
Data File : D455149
Analysis Method : M EPA 8015



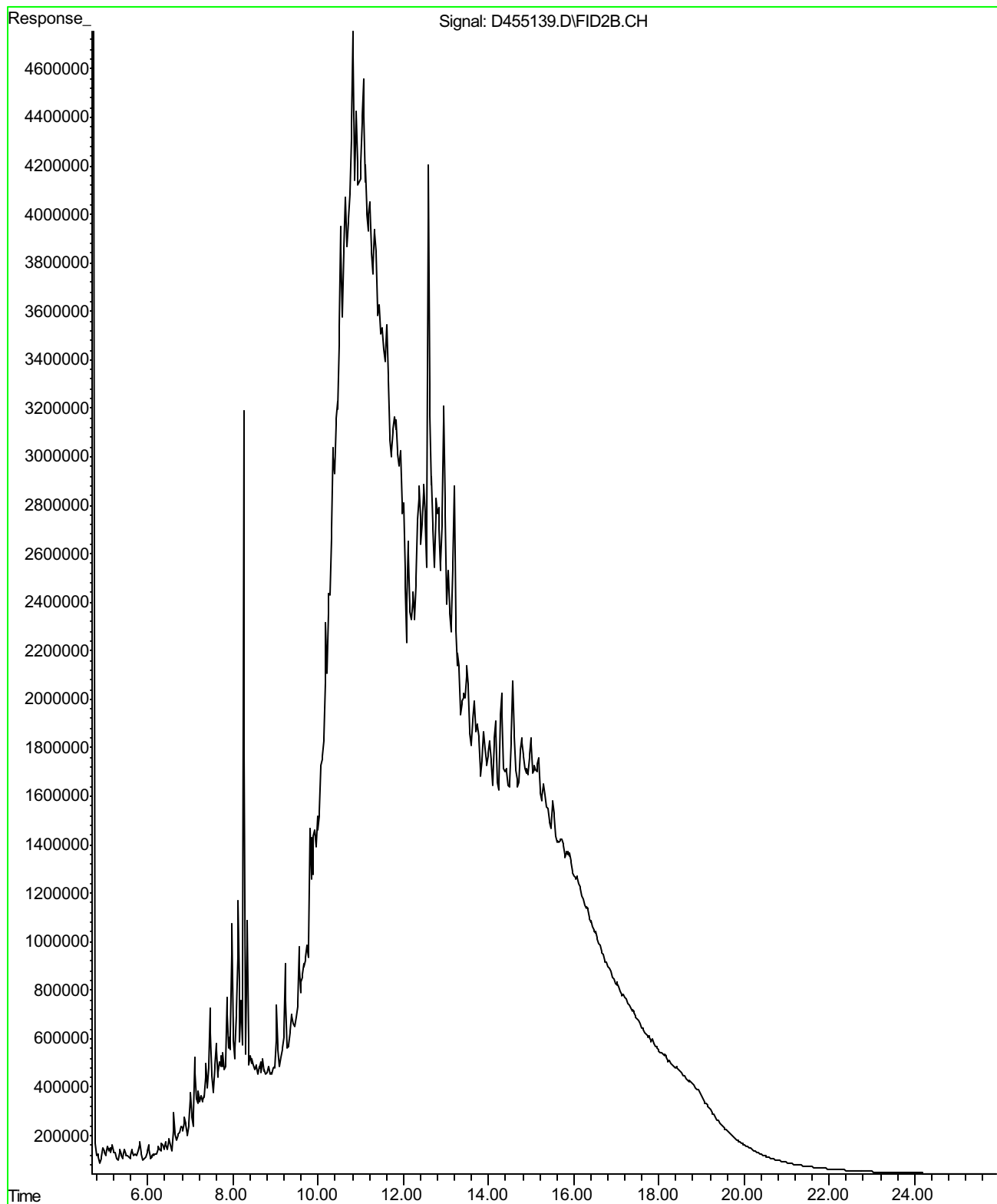
Sample ID : 61660-09 (MW-9)
Date Analyzed : 03/20/08
Data File : S553947
Analysis Method : EPA 8260B



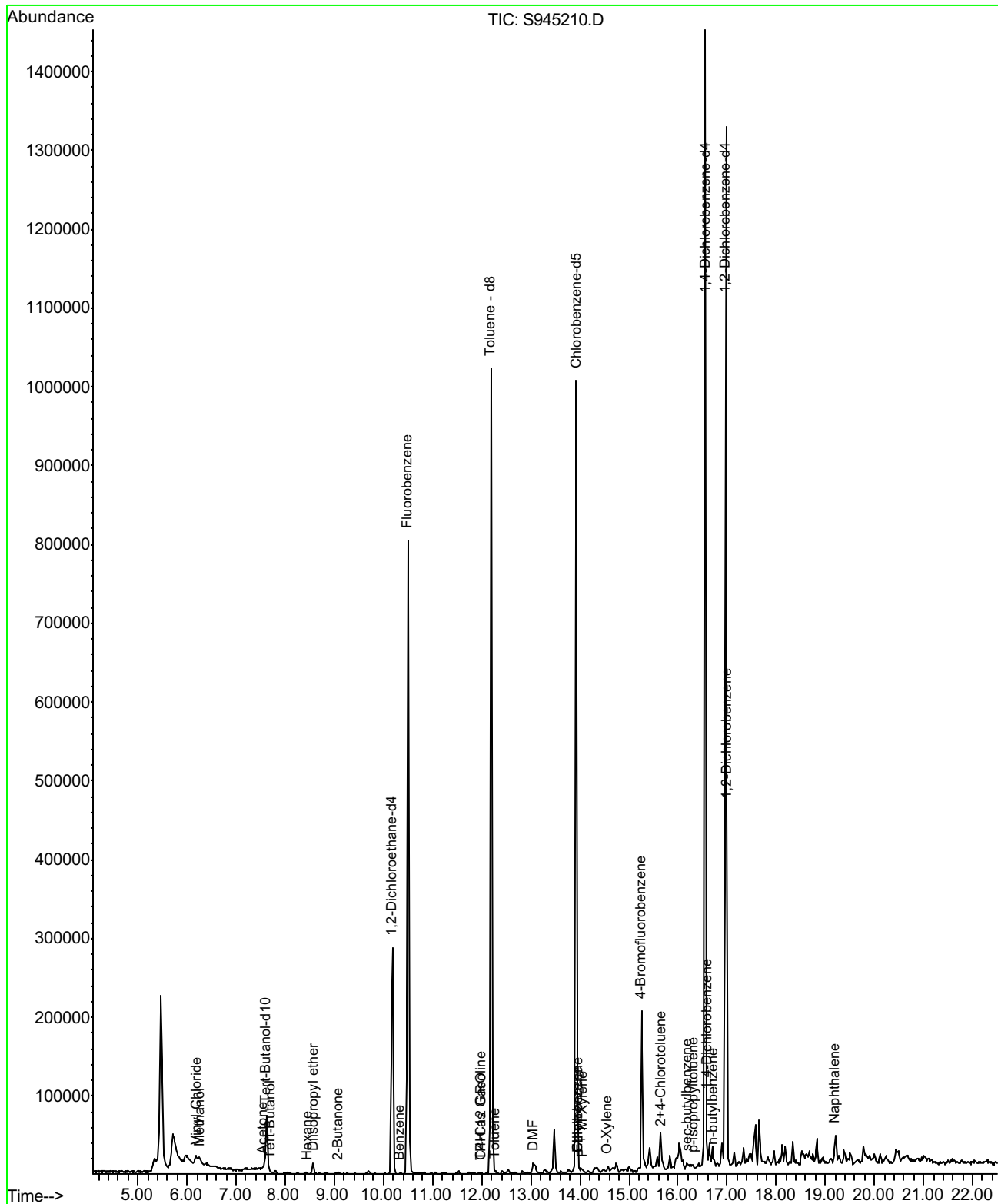
Sample ID : 61660-09 (MW-9)
Date Analyzed : 03/22/08
Data File : D278459
Analysis Method : M EPA 8015



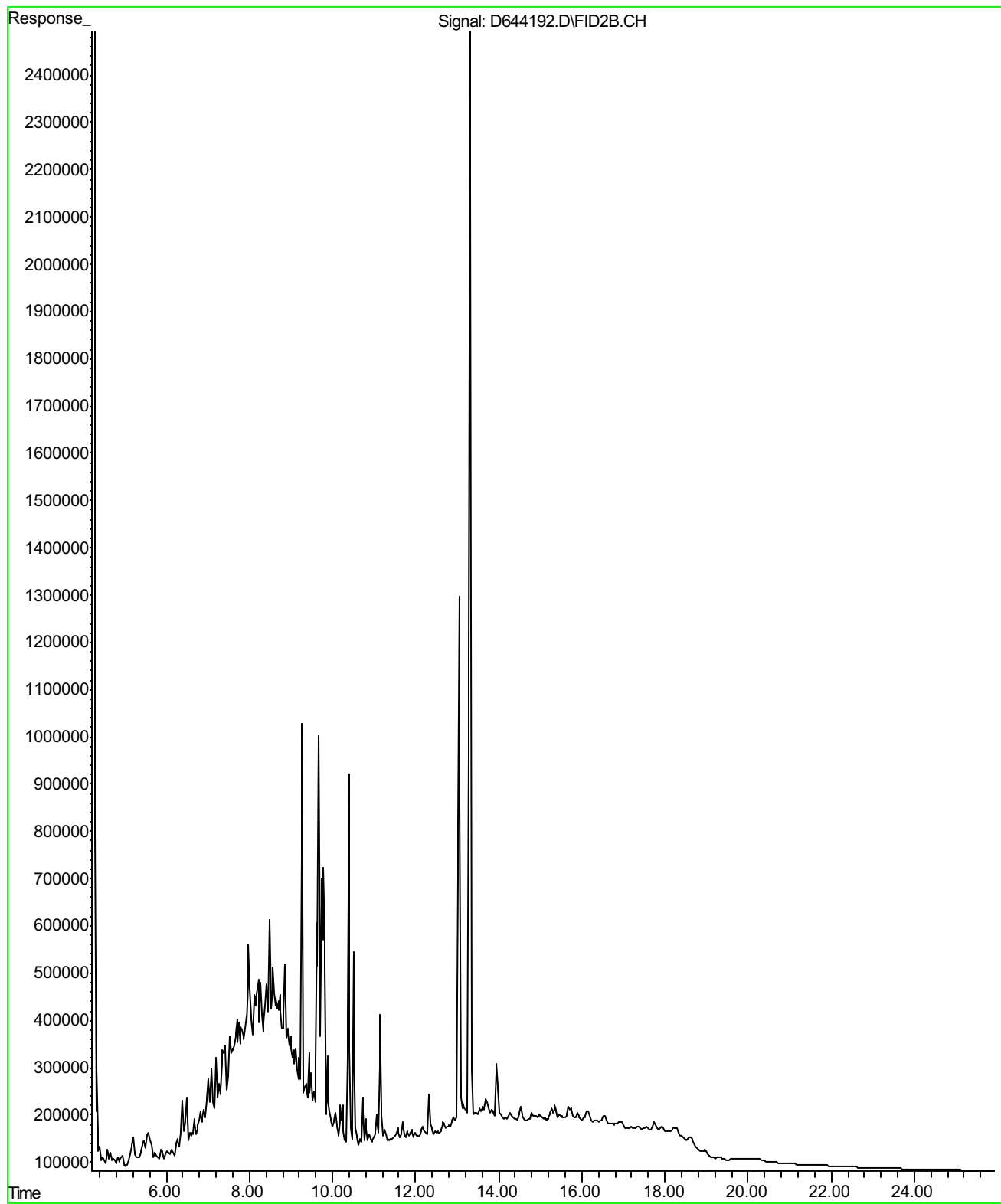
Sample ID : 61660-09 W/Silica Gel (MW-9)
Date Analyzed : 03/22/08
Data File : D455139
Analysis Method : M EPA 8015



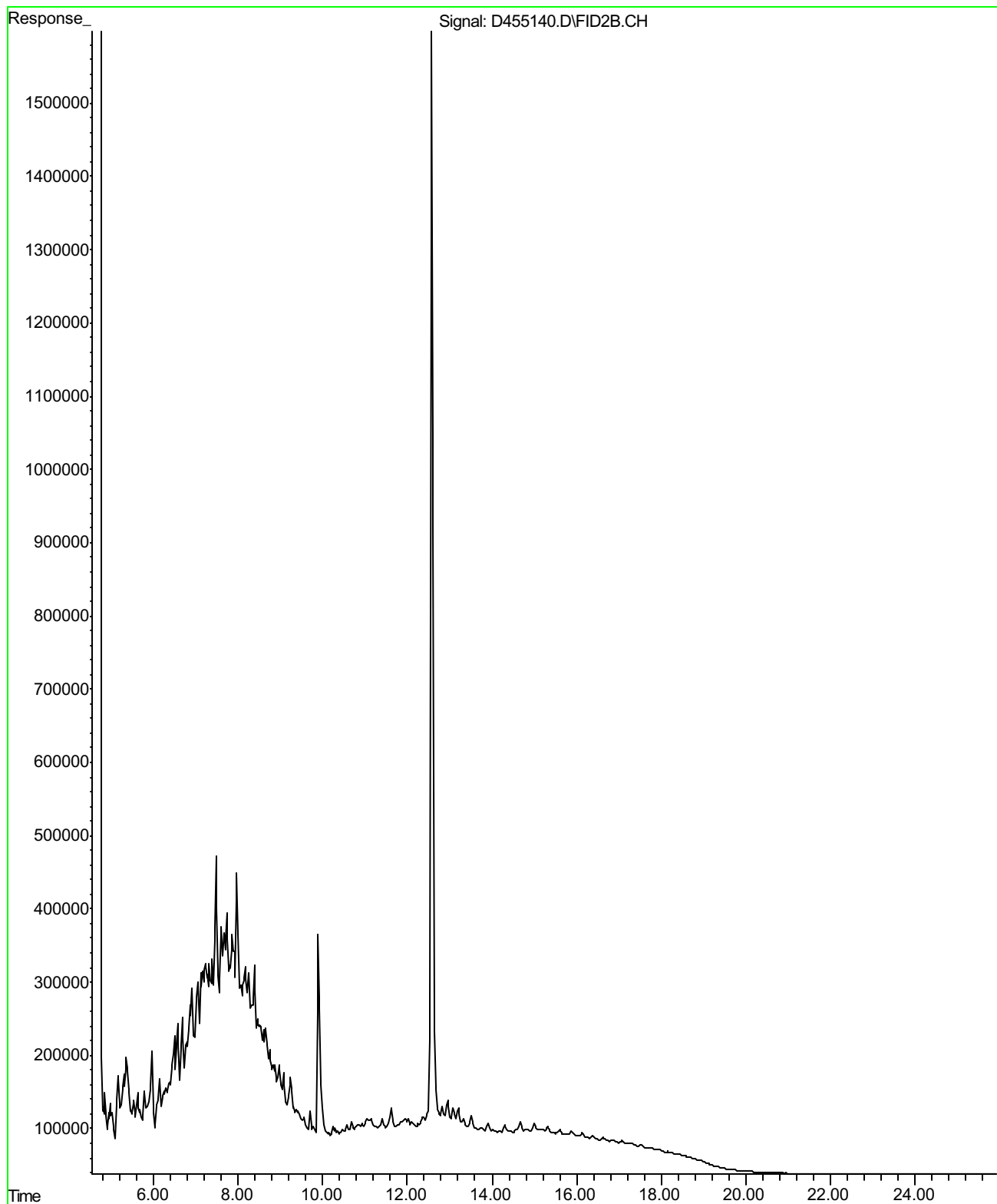
Sample ID : 61660-10 (MW-10)
 Date Analyzed : 03/20/08
 Data File : S945210
 Analysis Method : EPA 8260B



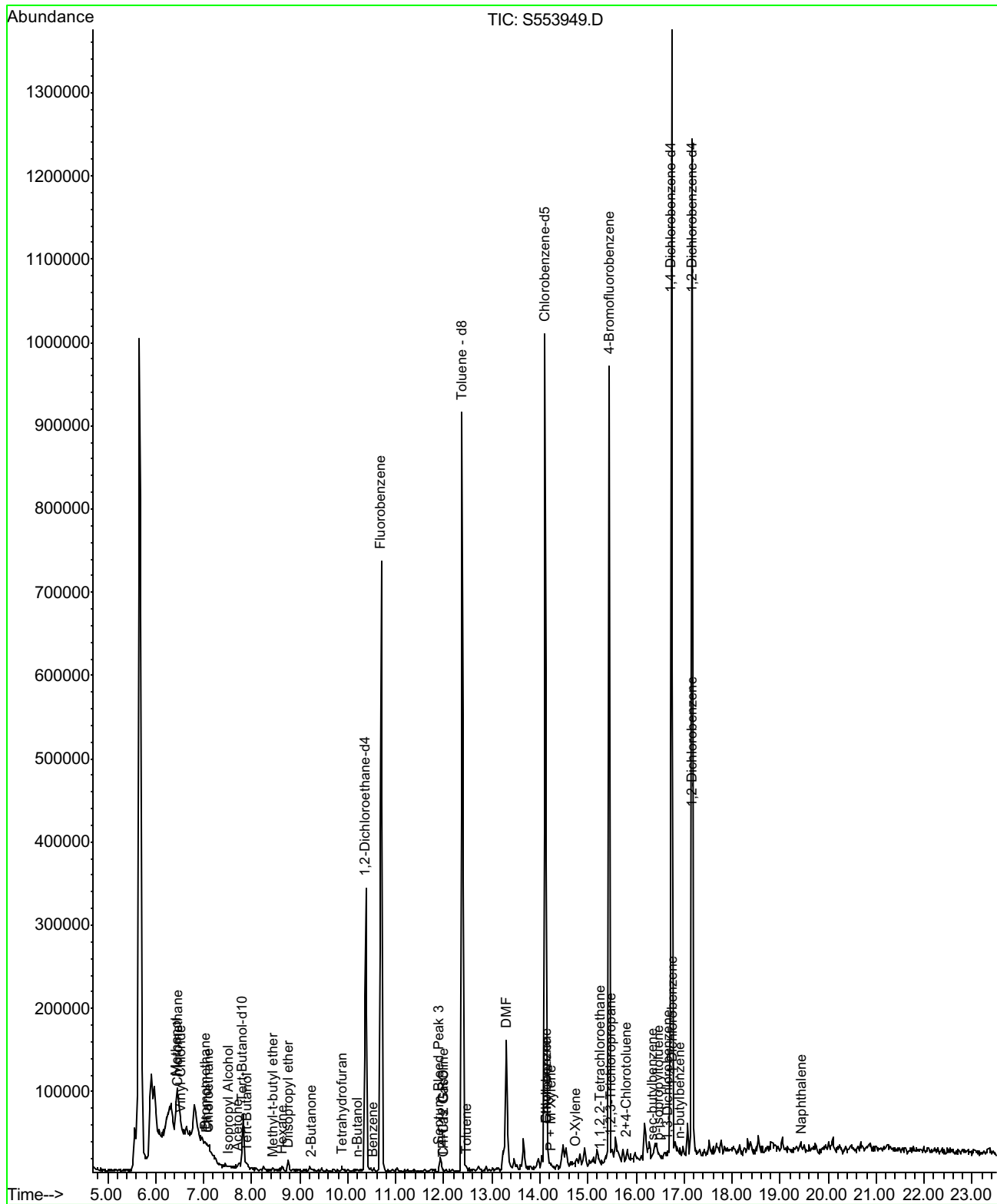
Sample ID : 61660-10 (MW-10)
Date Analyzed : 03/24/08
Data File : D644192
Analysis Method : M EPA 8015



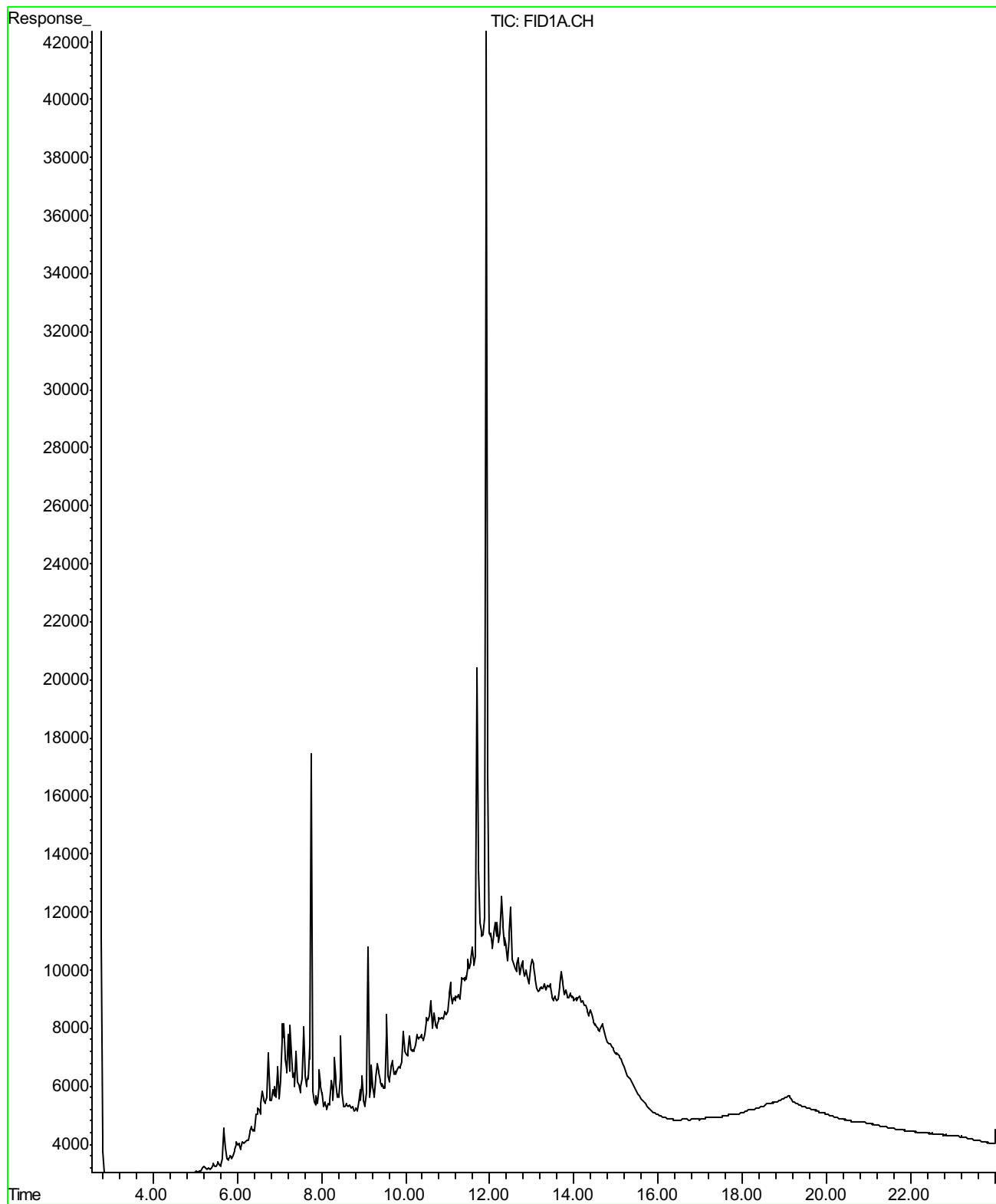
Sample ID : 61660-10 W/Silica Gel (MW-10)
Date Analyzed : 03/22/08
Data File : D455140
Analysis Method : M EPA 8015



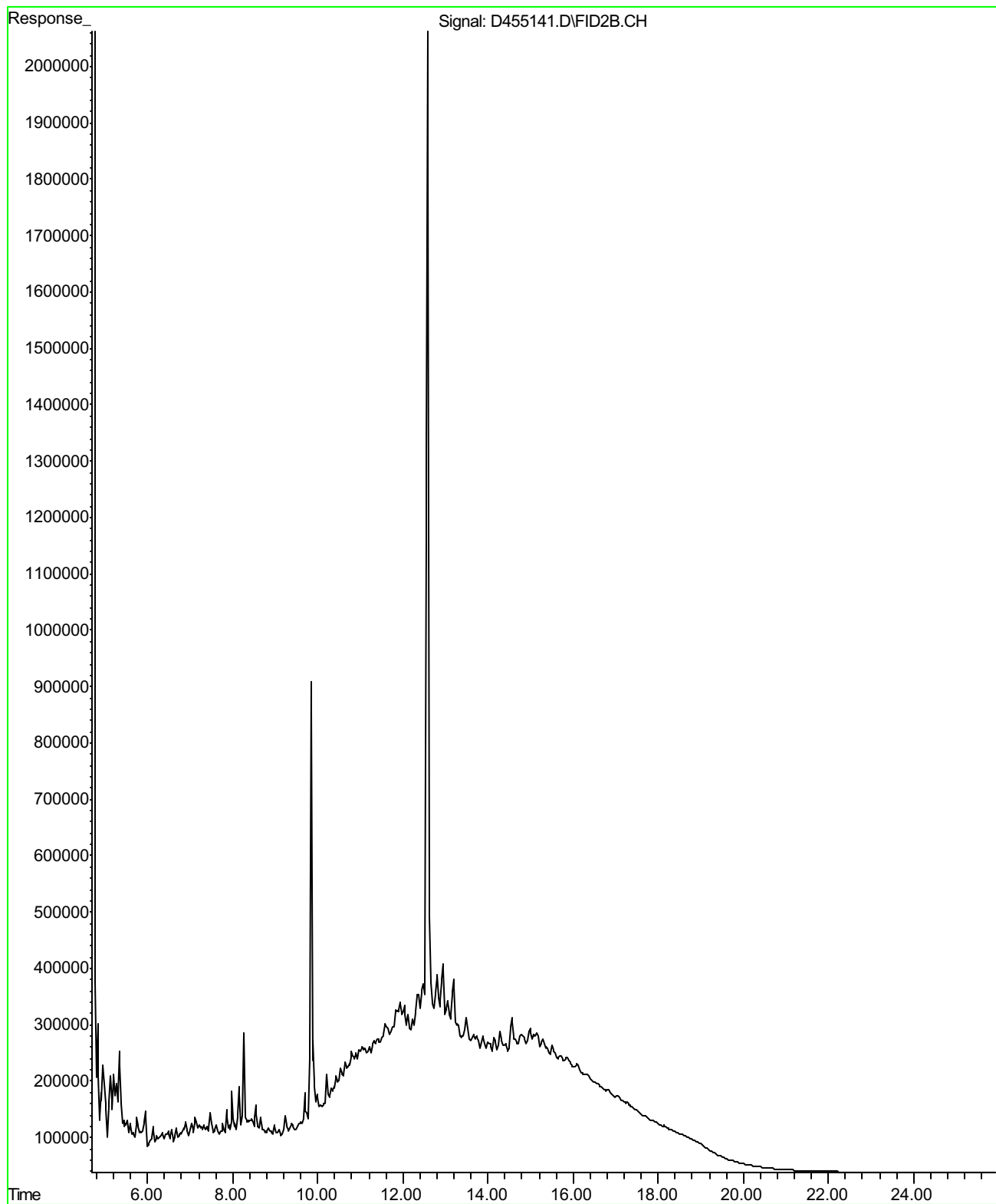
Sample ID : 61660-11 (MW-11)
 Date Analyzed : 03/20/08
 Data File : S553949
 Analysis Method : EPA 8260B



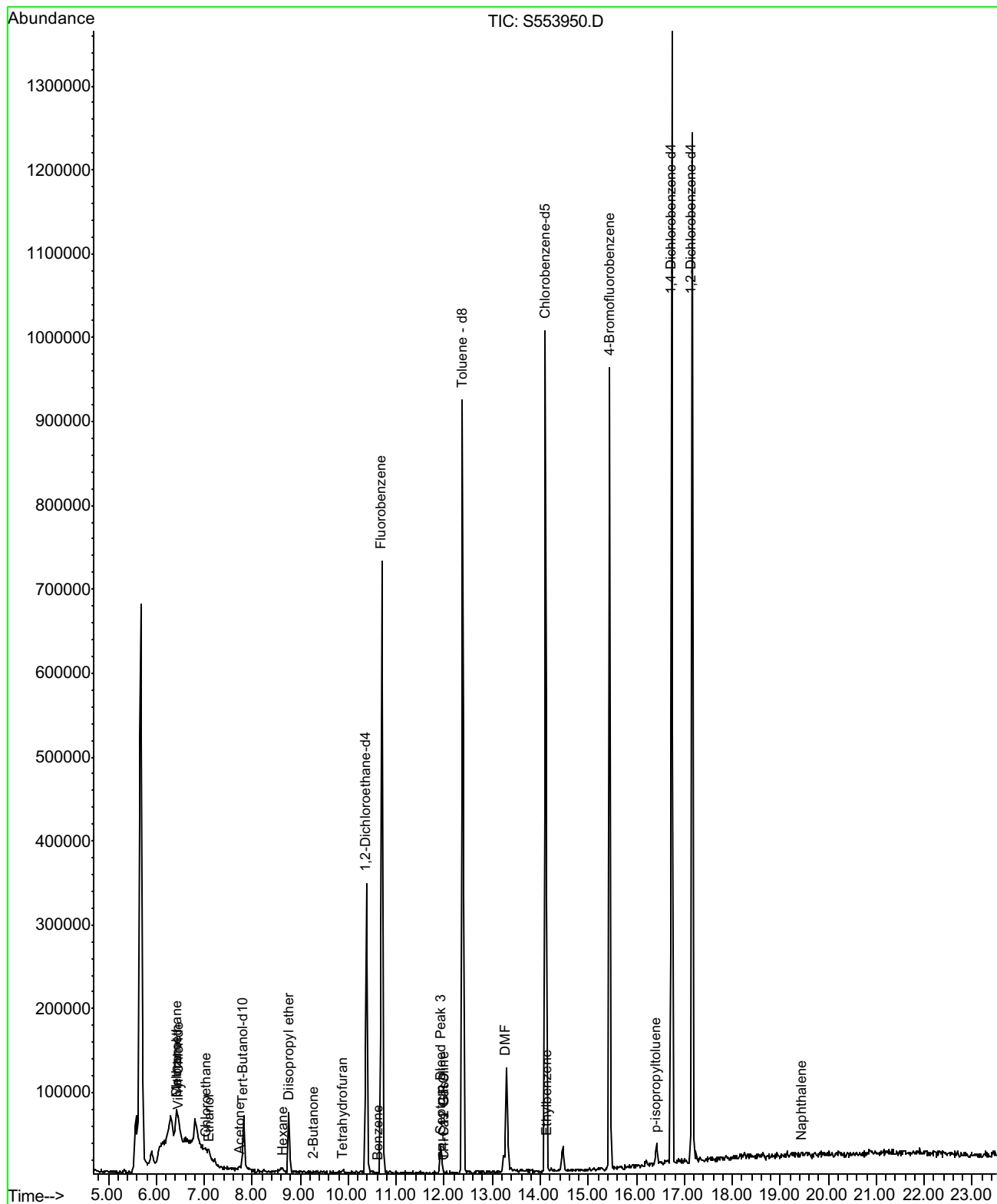
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Date Analyzed : 03/24/08
Data File : D278478
Analysis Method : M EPA 8015



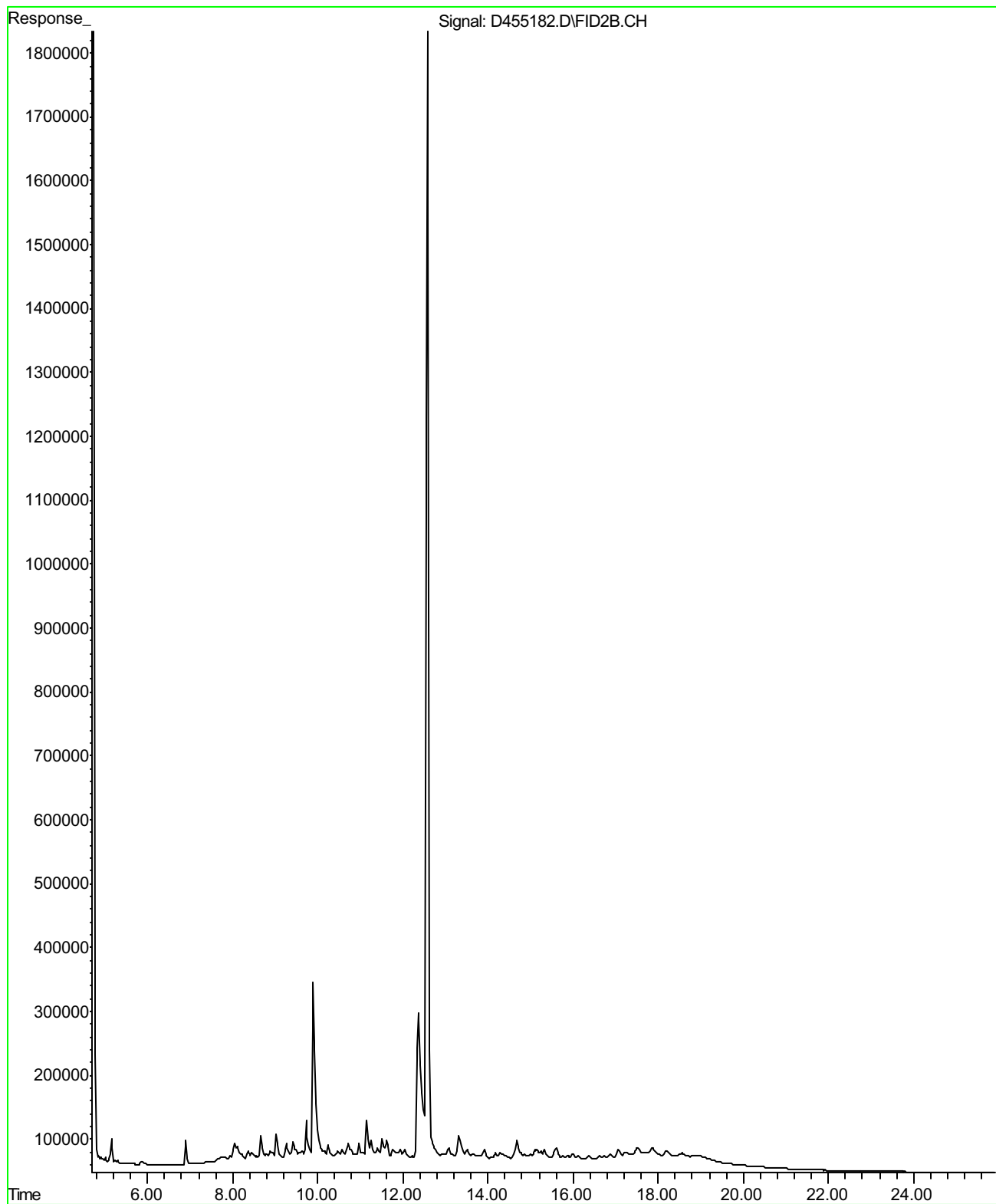
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Date Analyzed : 03/22/08
Data File : D455141
Analysis Method : M EPA 8015



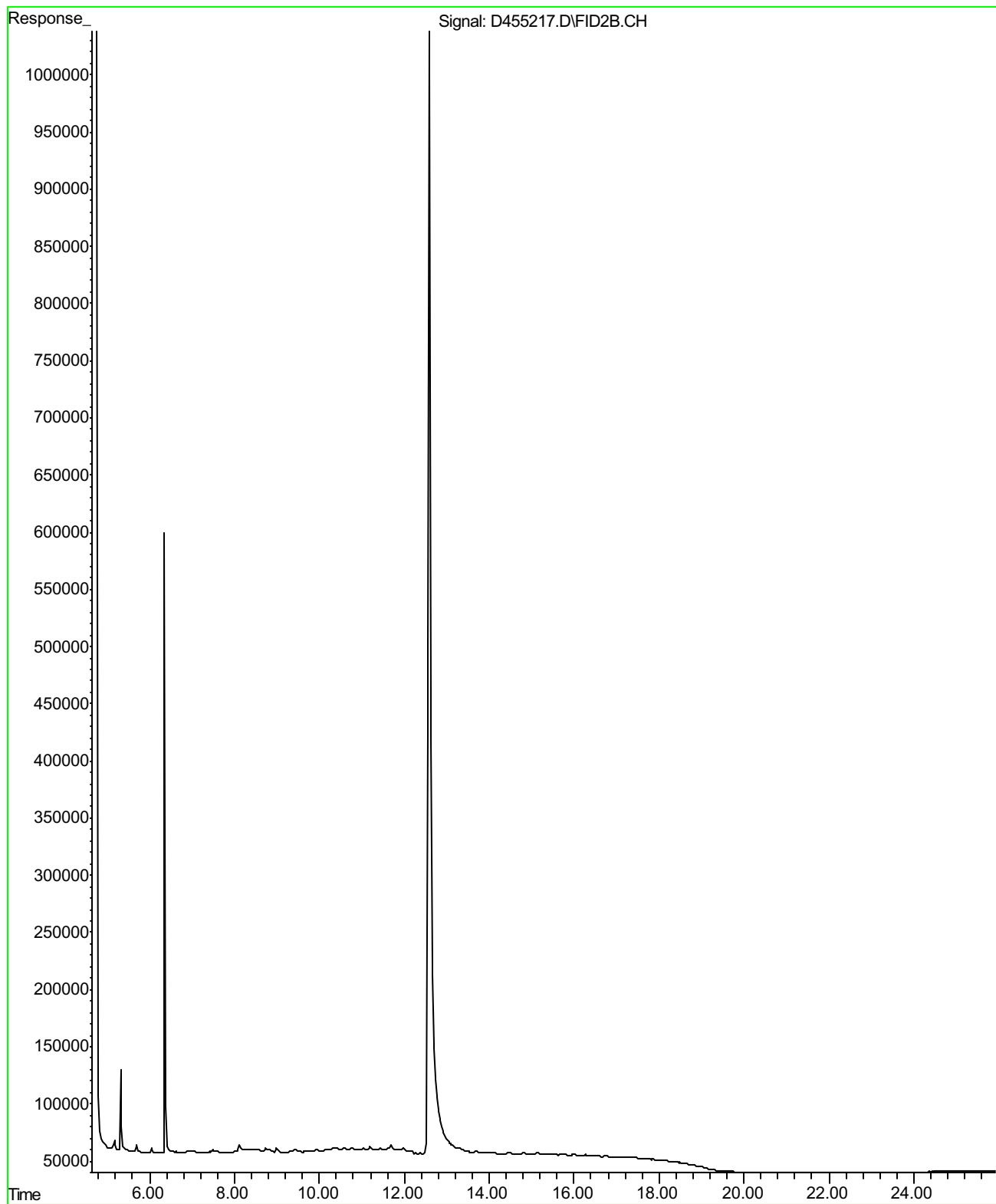
Sample ID : 61660-12 (MW-12)
Date Analyzed : 03/20/08
Data File : S553950
Analysis Method : EPA 8260B



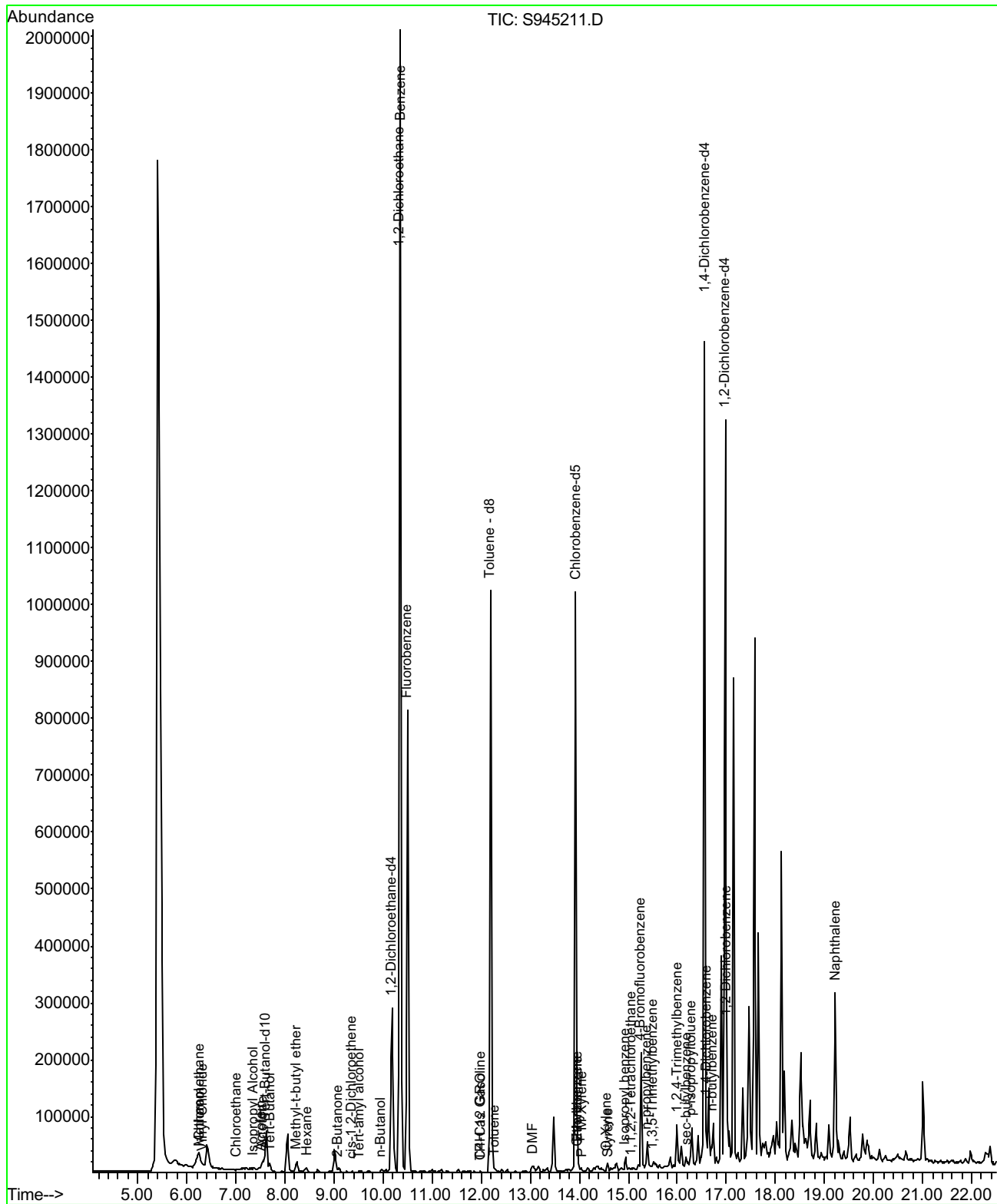
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Date Analyzed : 03/24/08
Data File : D455182
Analysis Method : M EPA 8015



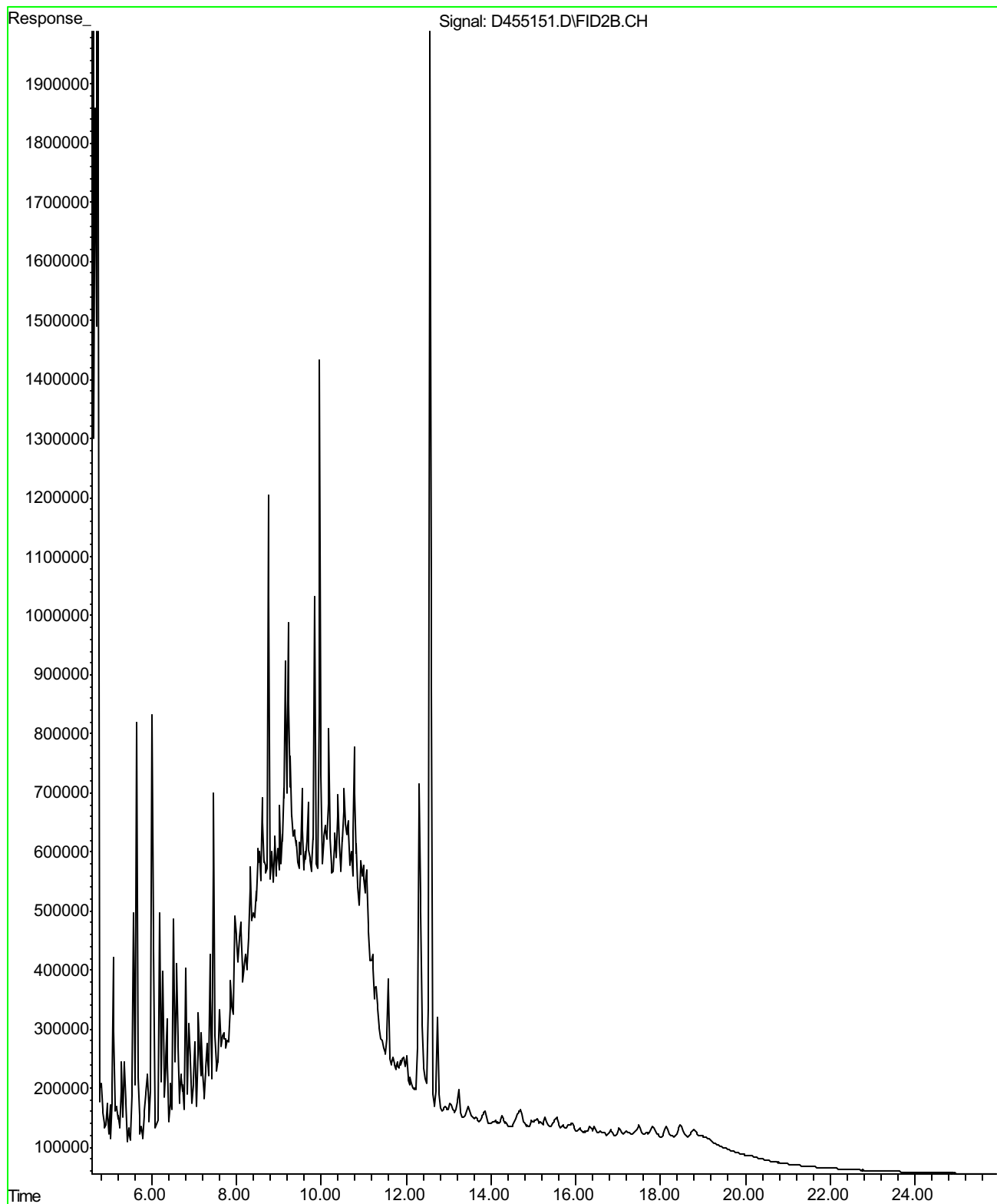
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Date Analyzed : 03/25/08
Data File : D455217
Analysis Method : M EPA 8015



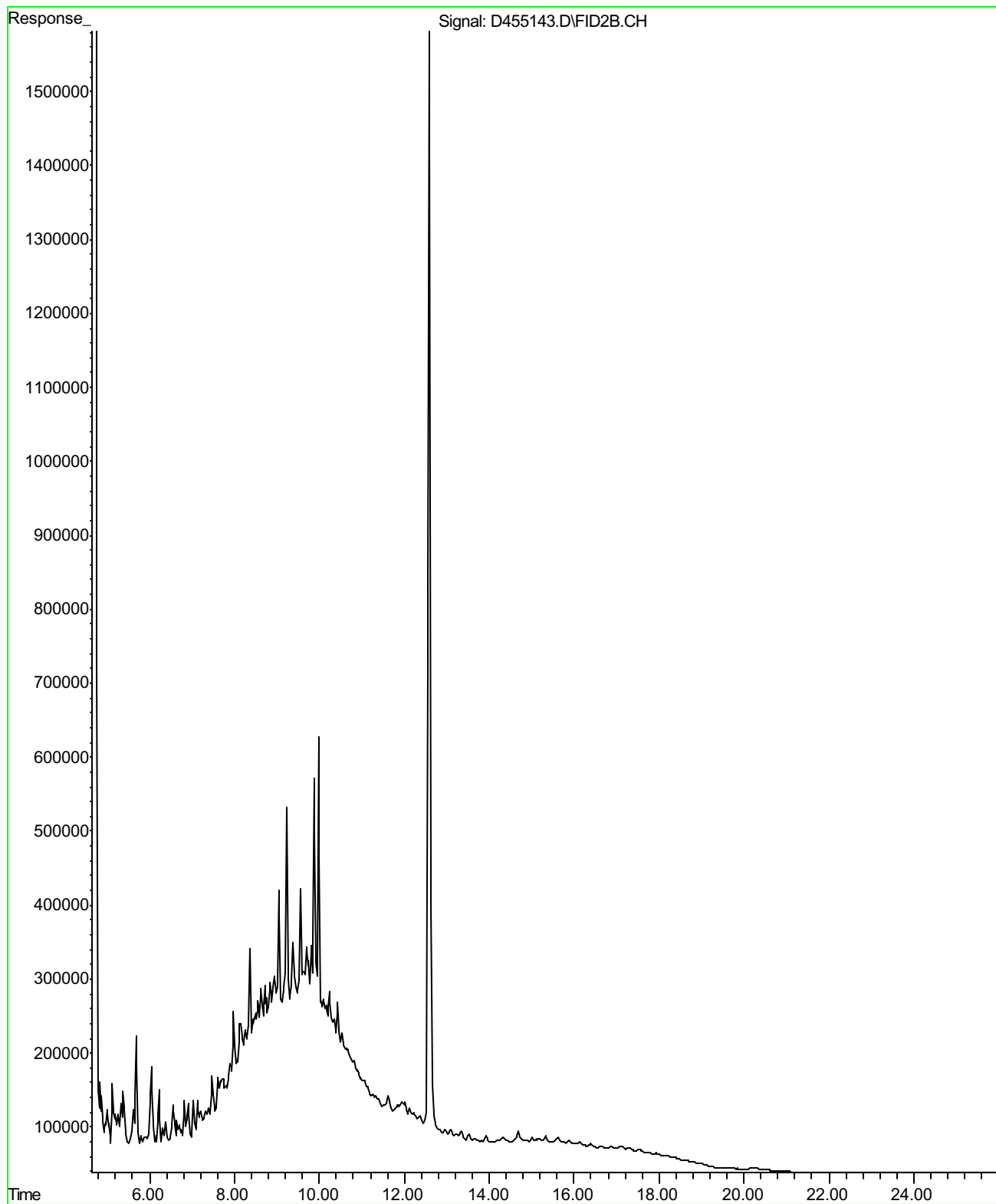
Sample ID : 61660-13 (MW-13)
 Date Analyzed : 03/20/08
 Data File : S945211
 Analysis Method : EPA 8260B



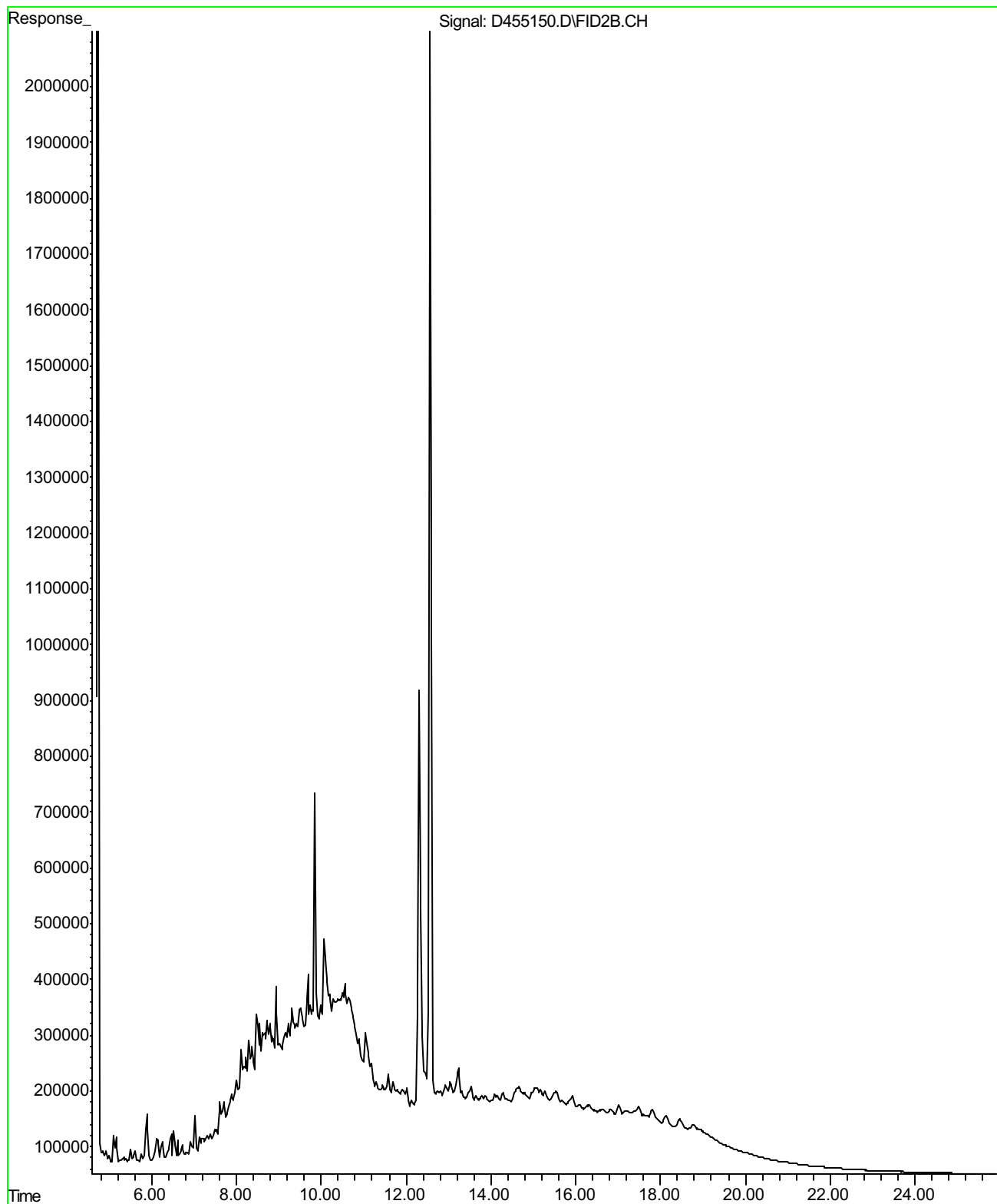
Sample ID : 61660-13 (MW-13)
Date Analyzed : 03/22/08
Data File : D455151
Analysis Method : M EPA 8015



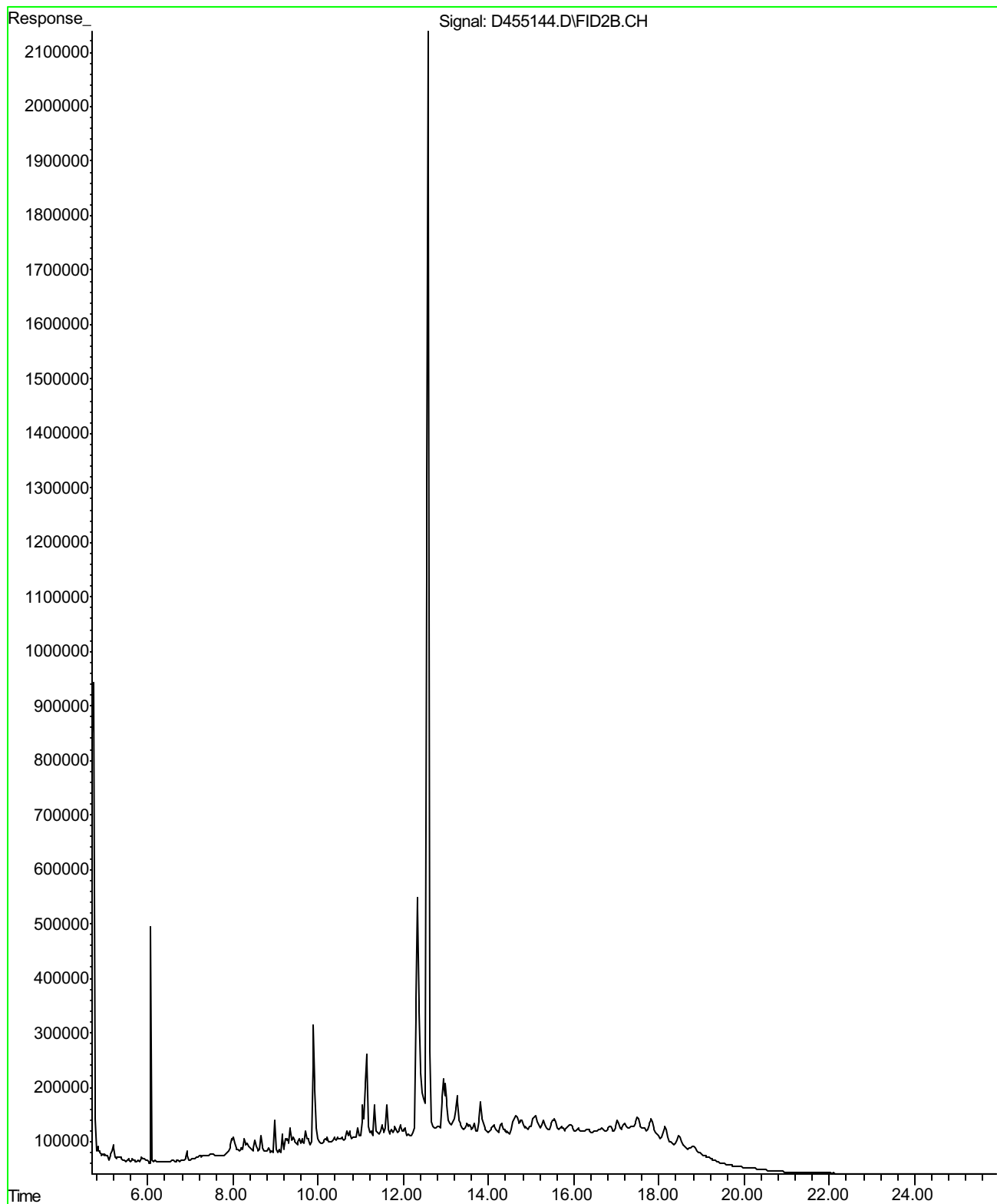
Sample ID : 61660-13 W/Silica Gel (MW-13)
Date Analyzed : 03/22/08
Data File : D455143
Analysis Method : M EPA 8015



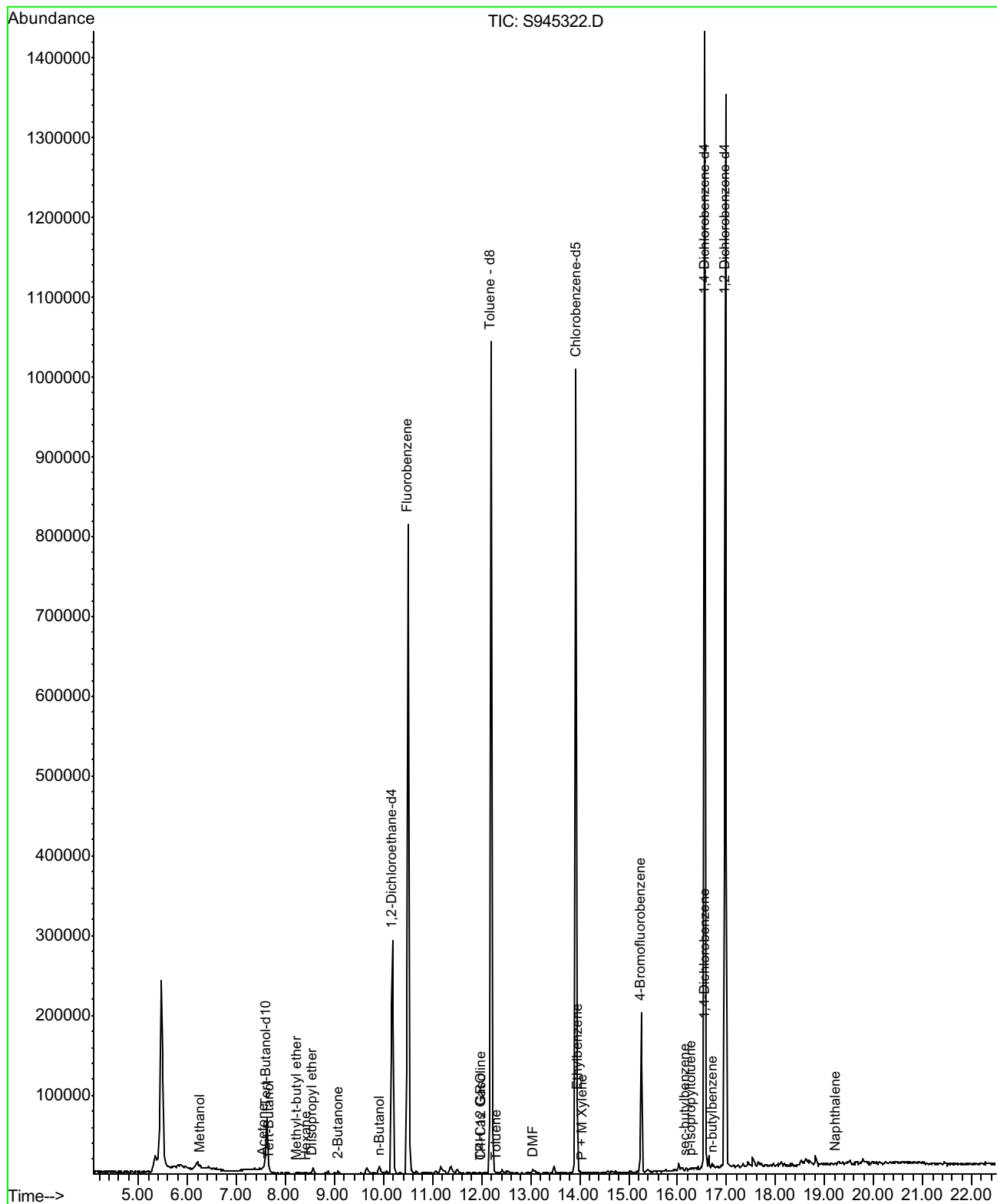
Sample ID : 61660-14 (MW-14)
Date Analyzed : 03/22/08
Data File : D455150
Analysis Method : M EPA 8015



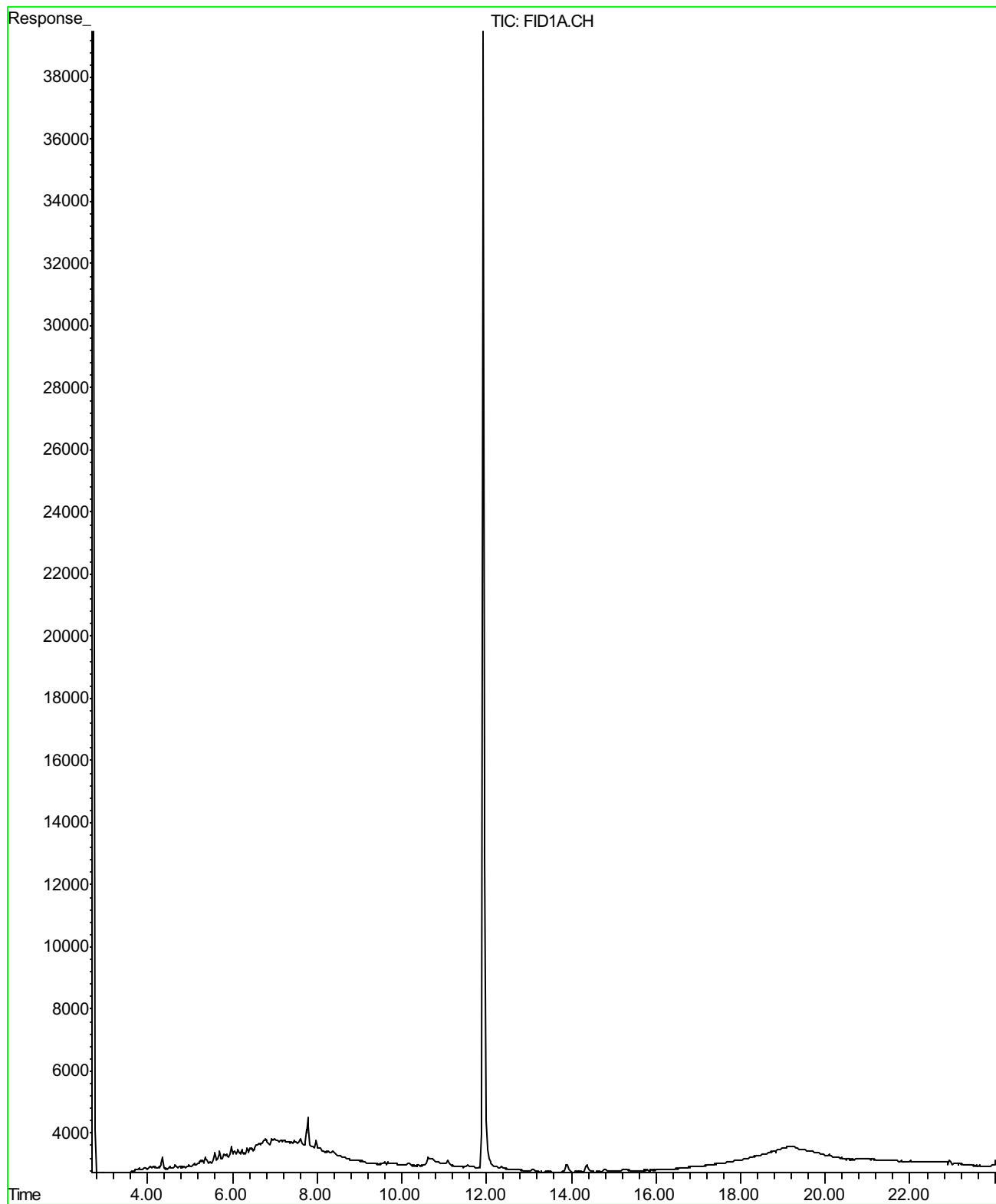
Sample ID : 61660-14 W/Silica Gel (MW-14)
Date Analyzed : 03/22/08
Data File : D455144
Analysis Method : M EPA 8015



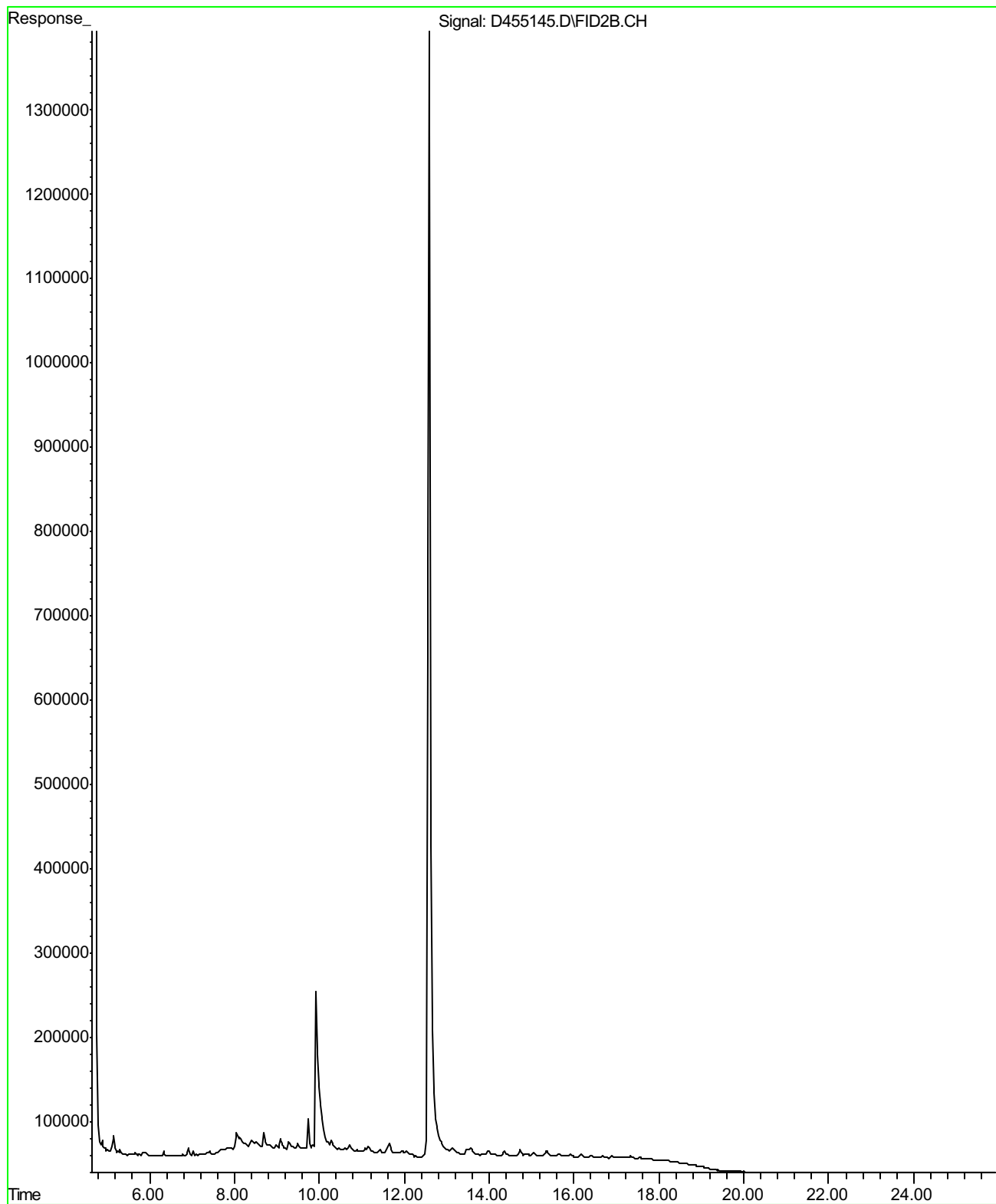
Sample ID : 61660-15 (MW-15)
Date Analyzed : 03/25/08
Data File : S945322
Analysis Method : EPA 8260B



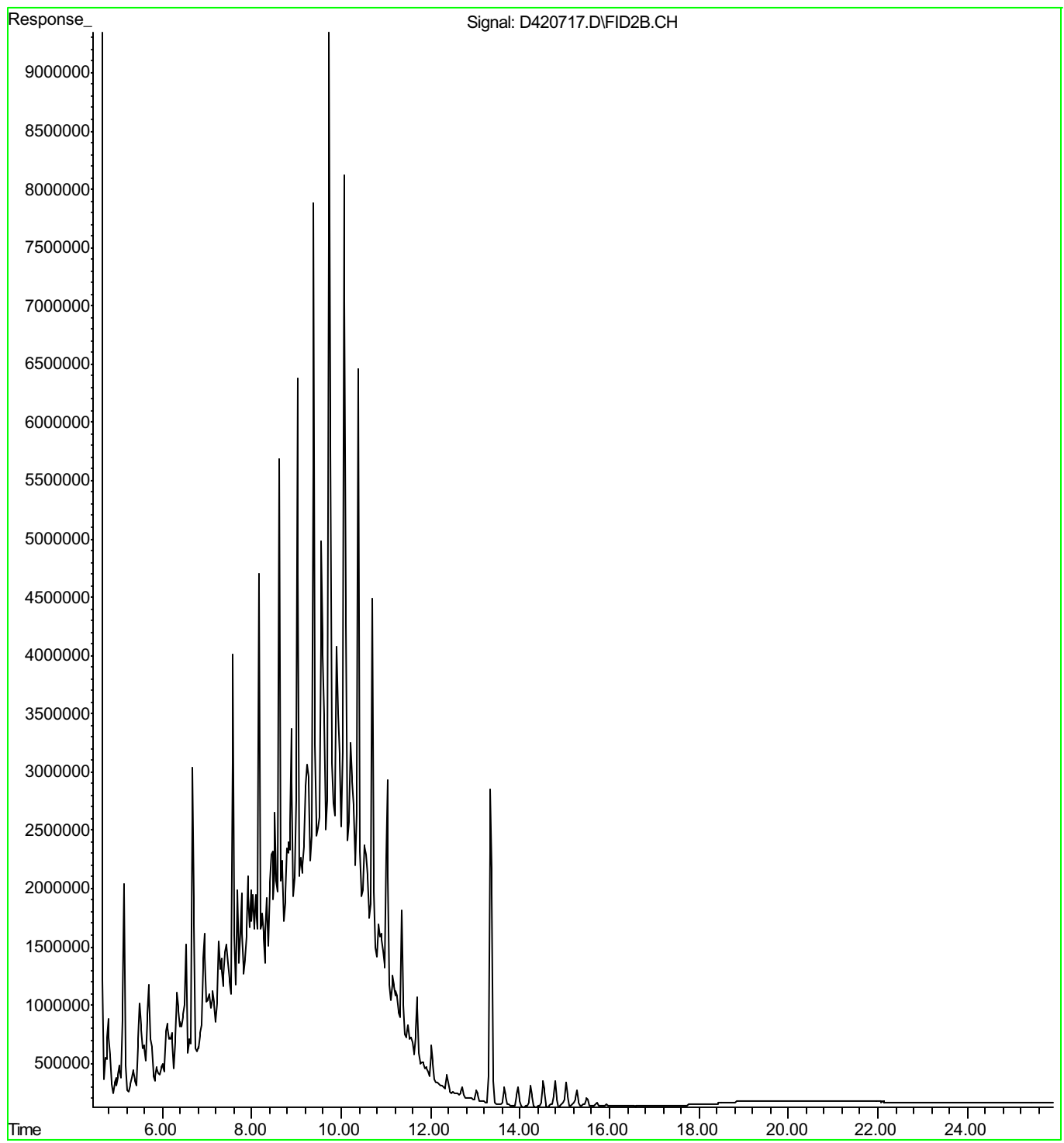
Sample ID : 61660-15 (MW-15)
Date Analyzed : 03/25/08
Data File : D278511
Analysis Method : M EPA 8015



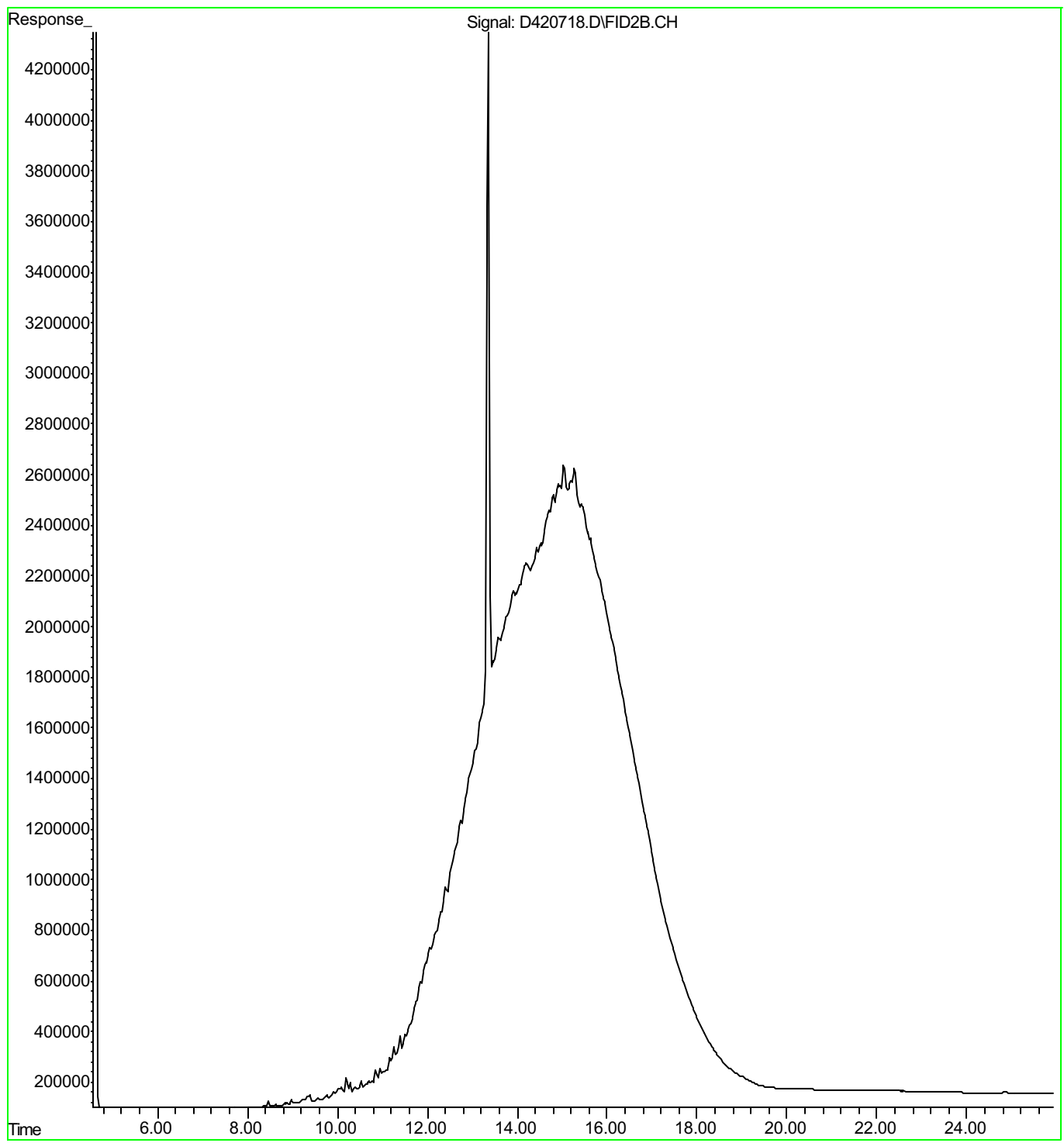
Sample ID : 61660-15 W/Silica Gel (MW-15)
Date Analyzed : 03/22/08
Data File : D455145
Analysis Method : M EPA 8015



File : C:\DATAFO~1\D420717.D
Operator : CTD
Acquired : 07 Jun 2004 7:54 am using AcqMethod BOTH.M
Instrument : Diesel2
Sample Name: Diesel Standard
Misc Info :
Vial Number: 96



File : C:\DATAFO~1\D420718.D
Operator : CTD
Acquired : 07 Jun 2004 8:31 am using AcqMethod BOTH.M
Instrument : Diesel2
Sample Name: Motor Oil Standard
Misc Info :
Vial Number: 97



File : C:\DATAFO~1\D441844.D
Operator : DRM
Acquired : 04 Dec 2006 1:34 pm using AcqMethod BOTH.M
Instrument : Diesel #2
Sample Name: Jet Fuel Standard
Misc Info :
Vial Number: 100

