Jake's Lagoon

AGES

APPLIED GEOSCIENCES &
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Results of a Site Assessment Program for Environmental Indicators
Commonwealth Oil Refining Company, Inc.
Peñuelas, Puerto Rico
EPA ID No.: PRD091017228

RESULTS OF A SITE ASSESSMENT PROGRAM FOR ENVIRONMENTAL INDICATORS JAKES LAGOON COMMONWEALTH OIL REFINING COMPANY, INC. PEÑUELAS, PUERTO RICO EPA ID No.: PRD091017228

SUBMITTED TO:

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SEPTEMBER 8, 2005

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9/22/05
Date

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President/Hydrogeologist

9/22/05
Date

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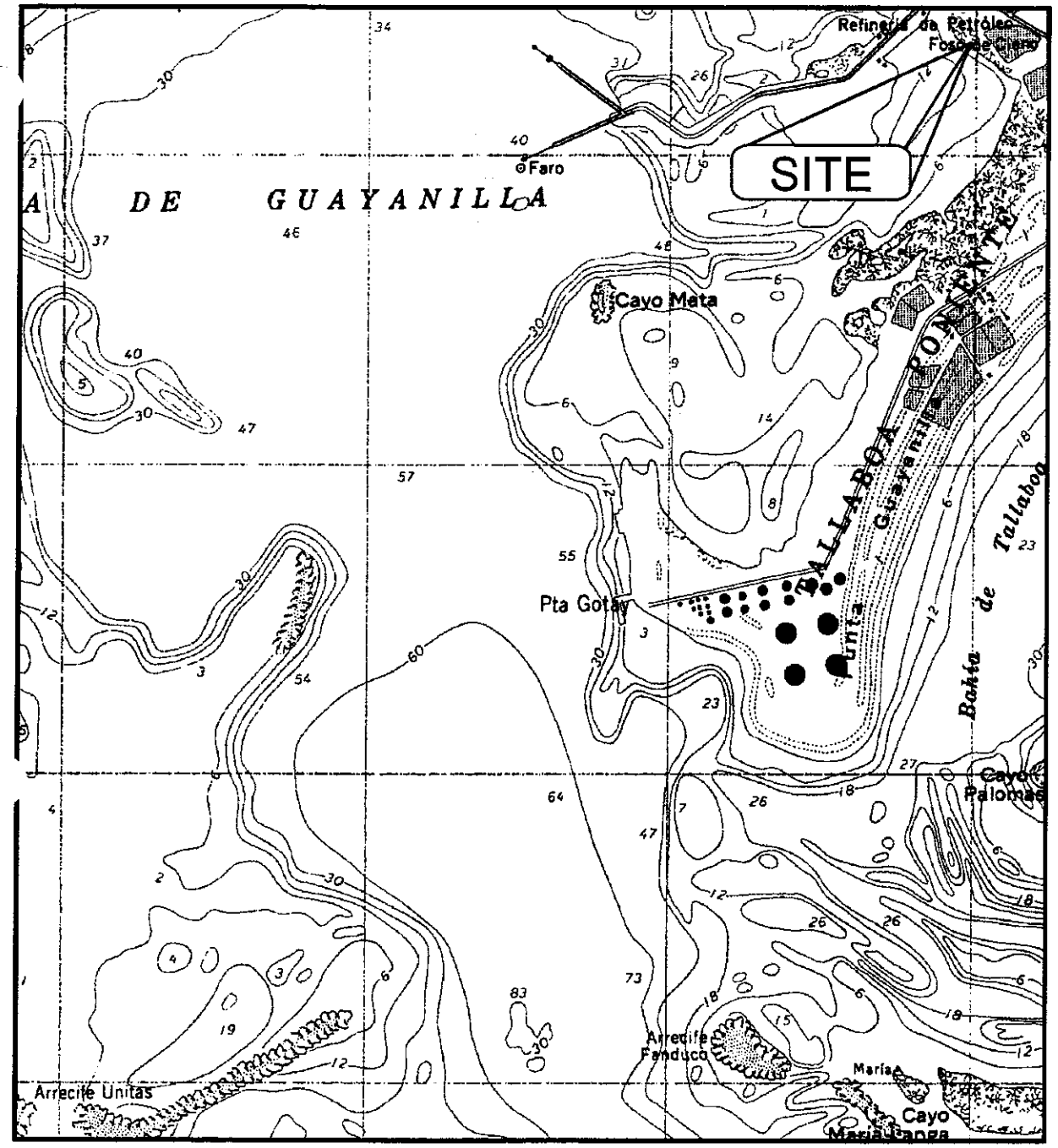
RESULTS OF A SITE ASSESSMENT PROGRAM FOR ENVIRONMENTAL INDICATORS/JAKES LAGOON COMMONWEALTH OIL REFINING COMPANY, INC. PEÑUELAS, PUERTO RICO/EPA ID No.: PRD091017228

1.0 INTRODUCTION

This report presents the results of a Site Assessment Program for Environmental Indicators completed by Applied Geosciences and Environmental Services Inc. (AGES). AGES is a multidisciplinary environmental consulting firm located in Dorado, Puerto Rico. The assessment was conducted at a Commonwealth Oil Refining Company, Inc. (CORCO) facility located at State Road PR-127, Kilometer 17.3, in the Municipality of Peñuelas, Puerto Rico. This report documents work conducted at **JAKES LAGOON**. This site is located within the WESTERN LAGOONs portion of the CORCO facility. **Figure 1** illustrates the site location on the topographic map of the Punta Verraco Quadrangle. Data collection procedures employed during the course of the program are presented in this report, as are methods and rationale for chemical analyses of ground water and soil samples.

The objective of this assessment was to investigate the possible existence of human exposure pathways of petroleum hydrocarbon compound concentrations, through ground water migration into the Guayanilla Bay. Petroleum hydrocarbon compounds have been determined to be the chemicals of concern by comprehensive analyses conducted in the past by CORCO and accorded to by the U.S. Environmental Protection Agency (EPA). Therefore, chemical analyses of soil and ground-water samples are limited to these compounds.



QUADRANGLE:
PUNTA VERRACO

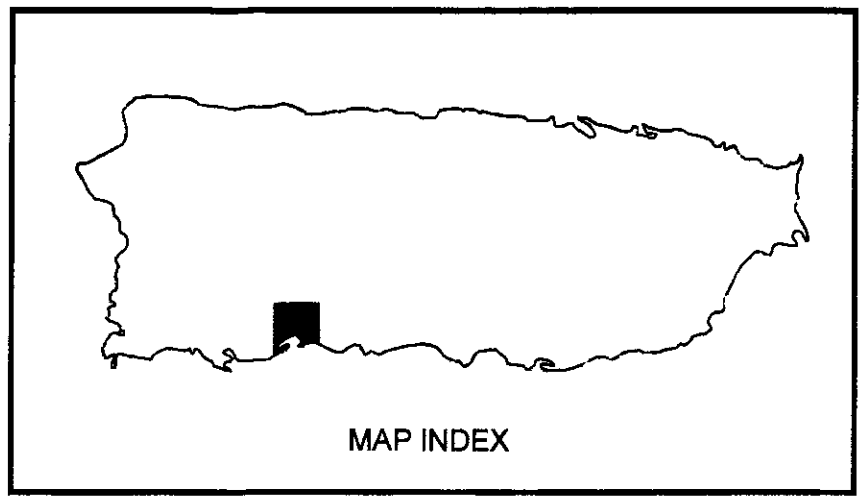
LATITUDE: 17°59'56"
LONGITUDE: 66°45'09"

SCALE

1 1/2 0 1 (MILE)

1000 0 1000 2000 3000 4000 5000 6000 7000 (FEET)

1 1/2 0 1 (KILOMETER)



MAP INDEX

JAKE'S LAGOON
AEREAL PHOTO

NORTH

CLIENT: CORCO

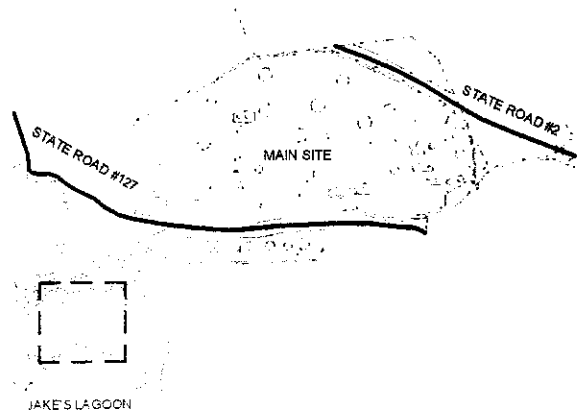
LOCATION: STATE ROAD #127
GUAYANILLA, PUERTO RICO

PROJECT: ENVIRONMENTAL INDICATORS

LOCATION MAP

DATE: 09/08/05	FIGURE: 1
DRAWN BY: N.VALES	PROJECT NO.: 05-333-01
APPROVED BY: L. FIGUEROA	FILE: CORCO.DWG

SITE



APPLIED GEOSCIENCES & ENVIRONMENTAL SERVICES, INC.

1.1 SITE DESCRIPTION

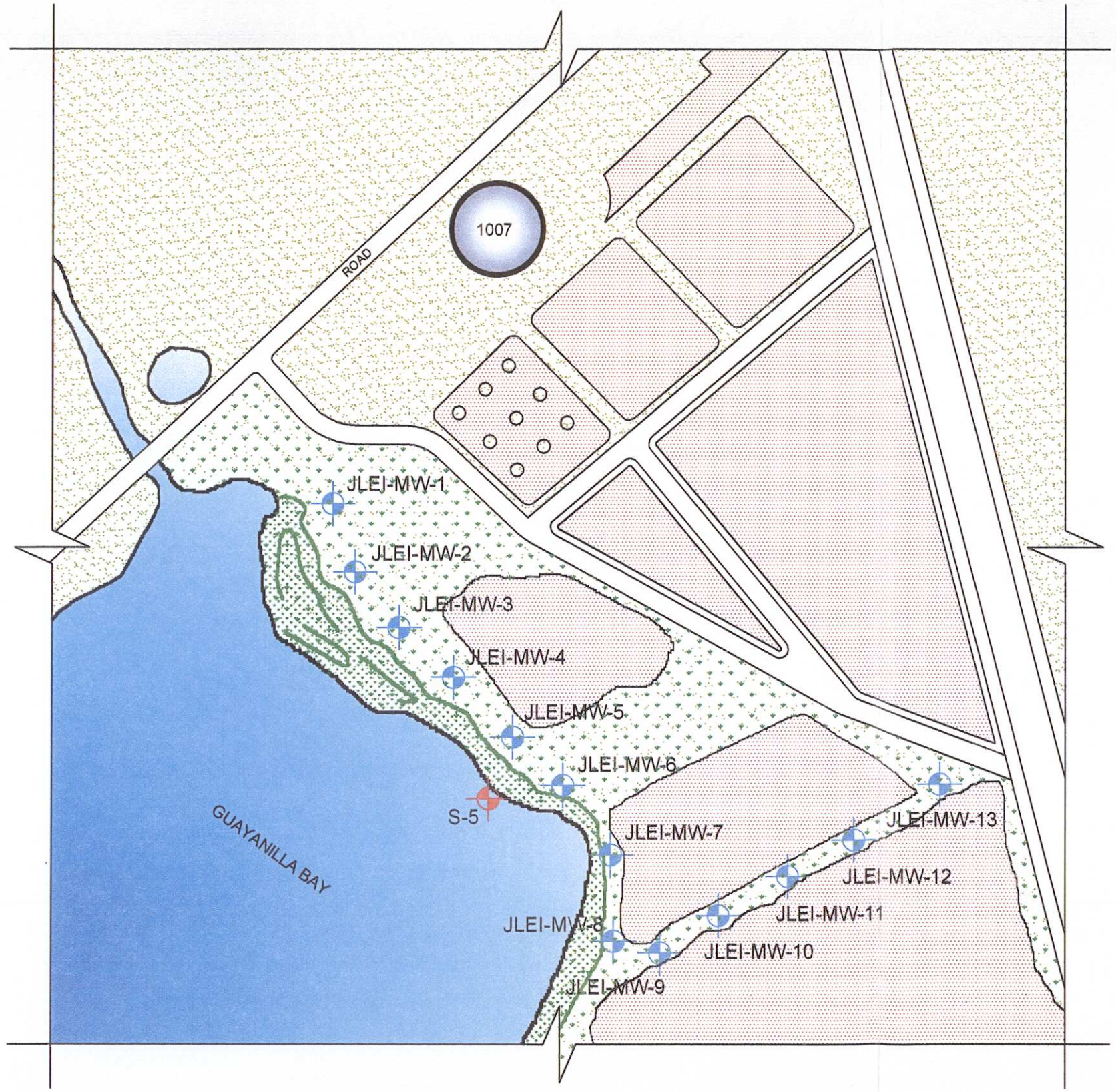
JAKES LAGOON is located in an area of the CORCO facility known as WESTERN LAGOONS (**Figure 2**). The Western Lagoon Complex, situated south of State Road 127, includes four impoundments previously used for wastewater treatment ponds. Separate to the impoundments, but part of the Western Lagoons Area are an inland channel, east and west cooling-water ponds, an aeration lagoon, and an oxidation lagoon. Adjacent to these is **JAKES LAGOON**. Reportedly, **JAKES LAGOON** was used in the past as an area to deposit waste material generated at the CORCO main facility. Part of the area was used as a lagoon to receive wastewater as a bypass when the wastewater treatment lagoons were under refurbishment. CORCO recently acquired the **JAKES LAGOON** area.

Ground surface elevation at **JAKES LAGOON** is approximately three (3) meters above Mean Sea Level (MSL). Directly west of the lagoon is the Guayanilla Bay. Presently, the site is mostly covered with vegetation and access is very limited. Mangrove trees border the area along the entire beach boundary, forming a natural barrier. In the southern portion of the site is a lagoon that contains some water and vegetation. Photographs of the area are included in **Appendix III-A.**

Volumen A

1.2 SCOPE OF WORK

To achieve the objective of this investigation, the subsoil beneath the area and ground water characteristics were assessed. In addition to assessing for the existence of any possible floating or dissolved phase petroleum hydrocarbon plumes, ground-water flow direction and site lithology was investigated.



NORTH

CLIENT: CORCO

LOCATION: STATE ROAD #127
GUAYANILLA, PUERTO RICO

PROJECT: ENVIRONMENTAL INDICATORS

SITE MAP

DATE: 09/08/05	FIGURE: 2
DRAWN BY: N.VALES	PROJECT NO.: 05-333-01
APPROVED BY: L. FIGUEROA	FILE: CORCO.DWG

LEGEND

NEW MONITORING WELL LOCATION

BORING LOCATION

APPROXIMATE SCALE

400 200 0 400 (FEET)

100 50 0 100 (METERS)

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The Site Assessment Program consisted of the following activities:

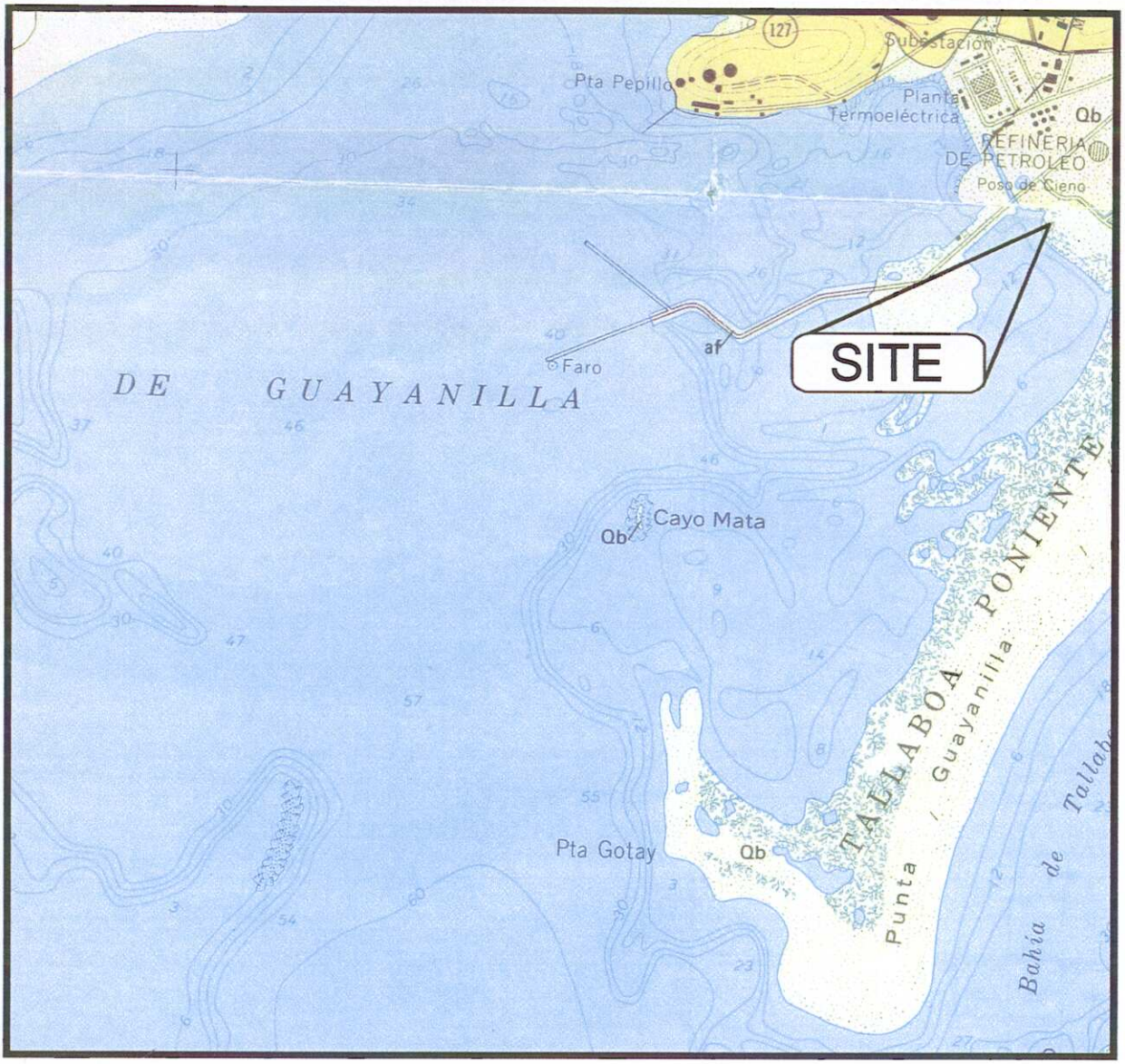
- Drilling of thirteen (13) soil borings to a depth of twenty (20) feet;
- Hand auger one (1) soil boring in the shoreline area;
- Installation of thirteen (13) ground-water monitoring wells;
- Collection of thirteen (13) ground-water samples and one (1) soil sample for laboratory analyses;
- Classification and organic vapor monitoring of soil; and,
- Surveying of the newly installed wells.

1.3 GEOLOGY AND HYDROGEOLOGY

U. S. Geological Survey topographic map of the area shows land surface elevation at the site is approximately three (3) meters above MSL. Land surface beneath the area slopes gently to the southwest.

Lithology beneath the **JAKES LAGOON** area is composed of fill material, varying in depth from zero (0) to eight (8) feet below ground surface, followed by marine-lagoonal sandy clay, dark gray in color. **Figure 3** shows the geological map of the site.

Ground water occurs at an approximate depth of seven (7) feet below ground surface level and flows generally to the west.



1000 500 0 1000 (METERS)

Qb Beach Deposits

NORTH

LATITUDE= 17°59'56" LONGITUDE= 66°45'09"
ELEVATION= 2 METERS

APPLIED GEOSCIENCES & ENVIRONMENTAL SERVICES, INC.

CLIENT:	CORCO
LOCATION:	STATE ROAD #127 GUAYANILLA., PUERTO RICO
PROJECT:	ENVIRONMENTAL INDICATORS

GEOLOGIC MAP I-1147
(GEOLOGY BY RICHARD D. KRUSHENSKY AND WATSON H. MONROE, 1978)

DATE:	09/08/05	FIGURE:	3
DRAWN BY:	N.VALES	PROJECT NO.:	05-333-01
APPROVED BY:	L. FIGUEROA	FILE:	CORCO.DWG

2.0 SITE ASSESSMENT PROGRAM

2.1 SUBSURFACE INVESTIGATION

The objective of this Site Assessment Program was to investigate the possible existence of human exposure pathways for petroleum hydrocarbon compound concentrations, through ground water migration into the Guayanilla Bay. This was accomplished by drilling and installing thirteen (13) ground-water-monitoring wells; soil classification and ground-water sampling; surveying; and, laboratory analyses. Procedures used during the program are described in the following subsections.

2.1.1 Drilling

In July 2005, under direct supervision of a geologist from AGES, AGES Drilling Company, Inc., of Dorado, Puerto Rico, conducted drilling and monitoring well installation procedures. Thirteen (13) soil borings were completed as ground-water monitoring wells. The borings/monitoring wells were identified as JLEI-MW-1 to JLEI-MW-13 and were installed to a total depth of twenty (20) feet below the ground surface. Boring locations are as illustrated in **Figure 2**.

Soil borings were drilled using an AMS brand Power Probe AP-9600 with direct push technology. The AMS Model APP-9600 utilizes smooth drill extensions and rods (hollow extensions and rods built of steel). The extensions have an interior diameter of 1.625 inches and exterior diameter 2.125 inches. The lengths of the extensions and rods commonly used vary between 2 and 4 feet. Continuous sampling using the AMS system is the process of collecting continuous soil samples from the ground surface to a specific depth. The AMS system leaves the

outer extension in place to provide a cased hole through which to sample. Drilling by using direct push techniques consists of the penetration of soil with the extension and drill rod, using pressure exerted by impact of a hydraulic hammer on the extension. The hammer strikes the extension that in turn penetrates the soil. Once an extension is completely introduced, another extension is connected and pushed into the soil column. This procedure is continued until the desired sampling depth is reached. Once the target sampling depth has been attained, a clear plastic liner is attached to the drill rods and inserted through the extensions until the liner is within the lead extension. The whole sampling system is then driven through the target depth and a discrete soil sample is collected within the plastic liner.

A soil (sediment) sample (JL-S-5) was collected from approximately 2 feet below the surface in sediments on the bottom of the Guayanilla Bay, shoreline area (see **Figure 2**). This sample was collected using a hand auger. Sediment samples were collected from locations near the shoreline based on the location of wells demonstrating existence of floating petroleum hydrocarbon compounds. Only Monitoring Well JLEI-MW-6 was found to possess floating product.

2.1.2 Soil Sampling

Once the sample was collected, it was retrieved and brought to the surface. The plastic liner or hand auger bucket was placed upon a plastic or clean sheet of aluminum paper. Soil samples were collected continuously with the AMS system and discretely throughout the investigation. Methods used in the collection of the soil samples were in accordance with AGES and EPA standards. Most samples were collected using plastic liners. After the plastic liner was retrieved, it was split open and probed for organic vapor content. Also, a portion of the soil recovered was examined in the field for evidence of petroleum hydrocarbon vapor

concentrations and used for lithologic description. The texture, odor, color and an estimate of soil moisture content is noted on the field boring logs by the geologist.

Soil samples were collected in accordance with AGES QA/QC guidelines to prevent cross-contamination. To reduce the possibility of cross-contamination caused by the sampling equipment, the equipment was scrubbed and washed prior to its utilization using an Alconox solution, rinsed with tap water, rinsed with distilled water and then allowed to air dry. To detect any cross-contamination that may have occurred through the sampling equipment an Equipment Blank was prepared. The Equipment Blank consists of distilled water that was poured over the sampling equipment after the equipment had been washed.

Field Blanks were also collected at the rate of one per workday. The Field Blank consists of open, forty (40) ml and five hundred (500) ml glass vials filled with distilled water and exposed inside the work area to the environment throughout the entire workday. The Field Blank has the purpose of determining the quantity, if any, of petroleum hydrocarbon concentrations in the air that may cause cross-contamination of the soil samples.

A Trip Blank was prepared and placed with all other samples. This blank consists of a sealed forty (40) ml vial filled with distilled water placed within the ice chest. This sample is analyzed to detect any cross-contamination that may occur during transport.

2.1.3 Organic Vapor Sampling

Organic vapor content of soil samples were monitored in the field using a Portable Multi-Gas Detector Eagle Series, model RKI Eagle 2-GAS (OVA). A small portion collected from the sample was recovered and placed into a glass jar until it was approximately half full. The jar was then sealed with aluminum foil and

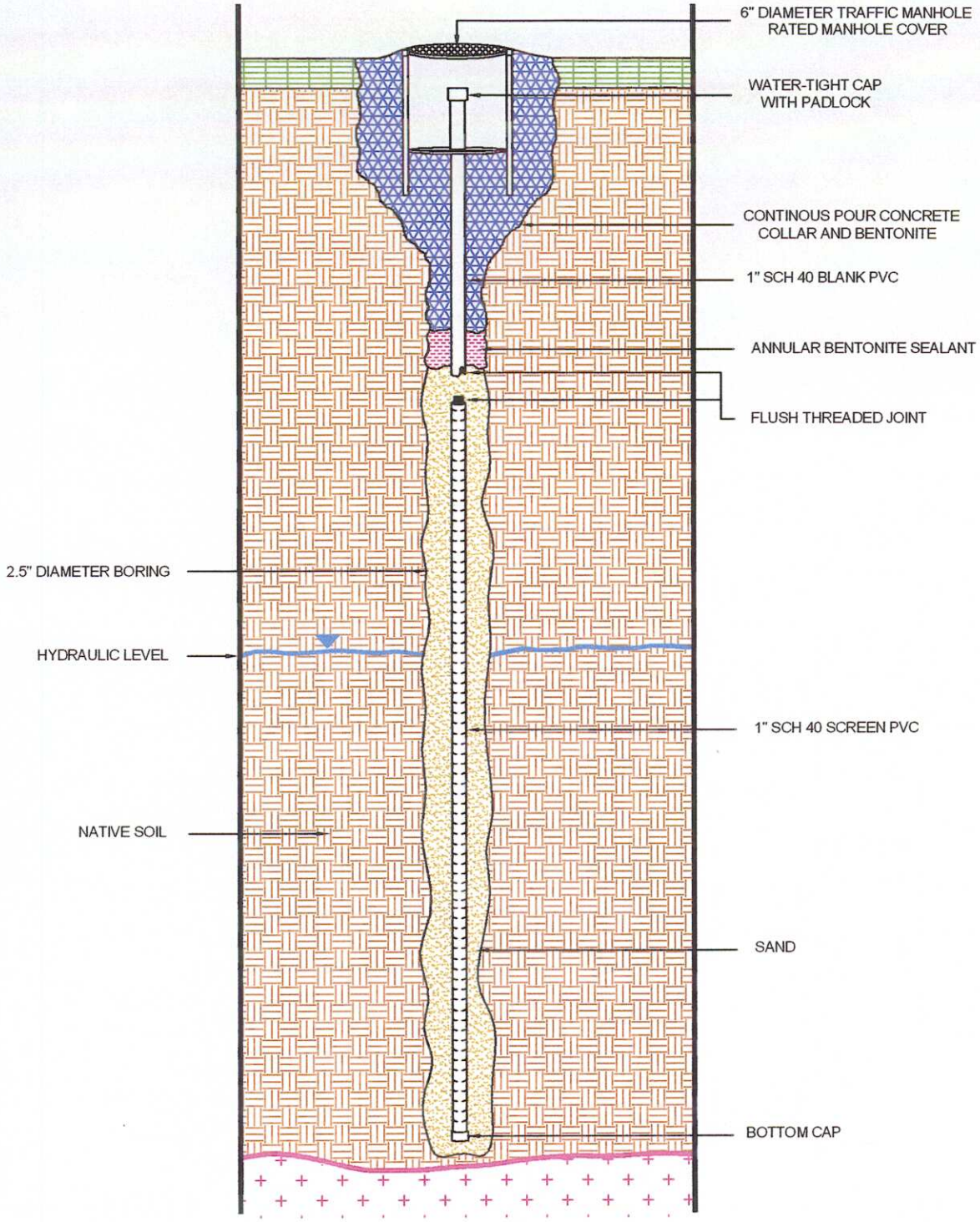
fitted with an airtight lid. The glass jar was then placed in direct sunlight for approximately ten (10) minutes. The lid was removed and the organic vapor content was monitored by inserting the OVA probe through the aluminum foil and into the headspace. The values obtained (in parts per million) were annotated on the soil boring logs (**Appendix (Volume) III A**).

2.1.4 Ground-Water Monitoring Well Installation

A total of thirteen (13) ground-water monitoring wells were installed to a depth of twenty (20) feet below ground surface. The monitoring wells were identified as JLEI-MW-1 to JLEI-MW-13. The twenty (20) feet monitoring wells were constructed with fifteen (15) feet of Schedule 40, one (1) inch outside diameter (OD) Polyvinyl Chloride (PVC) screen casing with a slot of 0.020-inch, and five (5) feet of blank PVC casing.

The bottom part of the screened pipe was sealed with a screw-on end cap and placed at the bottom of the boring. Blank casing were connected to the upper section of the screen casing by square-threaded joints. No glues or adhesives were used. All casings were washed before installation using a solution of Alconox, rinsed with tap water and distilled water, and allowed to air-dry.

The annulus of each well was filled with a clean sand pack to approximately six inches above the screened casing. Granular bentonite was then placed on top of the sand pack to create an impermeable barrier of approximately two (2) feet in thickness. Then concrete cement was poured on top of the bentonite plug up to the ground surface. The top of the blank pipe was fitted with a locking cap and the entire assembly was covered with a cast-iron casing ("manhole"). Typical construction of a 20-foot ground-water monitoring well is illustrated on **Figure 4**.



APPLIED GEOSCIENCES & ENVIRONMENTAL SERVICES, INC.

CLIENT:	CORCO
LOCATION:	STATE ROAD #127 GUAYANILLA, PUERTO RICO
PROJECT:	ENVIRONMENTAL INDICATORS

TYPICAL 20 FOOT GROUND-WATER MONITORING WELL CONSTRUCTION

DATE:	09/08/05	FIGURE:	4
DRAWN BY:	N.VALES	PROJECT NUM.:	05-333-01
APPROVED BY:	L. FIGUEROA	FILE:	CORCO.DWG

2.2 GROUND-WATER SAMPLING

2.2.1 Measurement of Depth to Ground Water

The depth to ground water in each well was measured using an electronic interface probe that is accurate to within 0.01 foot. The graduated tape of the electronic interface probe was lowered into each well until an audible alarm sounds. A solid tone sounds if the probe comes in contact with floating or submerged product and a beeping tone will sound when the probe comes in contact with water. All measurements were taken from permanent, easily identifiable, reference points, which were marked at the top of each well casing with the locking cap removed. All measurements were recorded in field logbooks.

2.2.2 Well Development

On July 11, 14, & August 1, 2005, the newly installed Ground-Water Monitoring Wells JLEI-MW-1 through JLEI-MW-13 were developed. To avoid any possibility of cross-contamination, monitoring wells were purged using dedicated Teflon bailers. A minimum of three (3) casing volumes of water were removed from each well. Water removed from the wells was stored in 55-gallon DOT approved drums. **Table 1** presents the amount of water removed from each monitoring well. Prior to sampling, each well was allowed to equilibrate to approximately 90 percent of initial water level (no longer than 30 minutes). During the well development process Total Dissolved Solid (TDS) concentrations were measured using a Hanna TDS Tester. Final readings collected from each well are presented in **Table 1**.

TABLE 1. GROUND-WATER MONITORING WELL DEVELOPMENT

WELL ID #	*DEPTH TO PRODUCT (feet)*	*DEPTH TO WATER (feet)*	*WELL CONSTRUCTION DEPTH (feet)*	*WATER REMOVED (gallons)*	*TDS (ppm)*
JLEI-MW-1	NONE	4.87	20	2.00	> 2000
JLEI-MW-2	NONE	6.11	20	2.00	> 2000
JLEI-MW-3	NONE	4.62	20	2.00	> 2000
JLEI-MW-4	NONE	7.23	20	1.50	> 2000
JLEI-MW-5	NONE	5.74	20	2.00	> 2000
JLEI-MW-6	6.30 (OIL)	6.41	20	1.50	> 2000
JLEI-MW-7	NONE	4.25	20	2.00	> 2000
JLEI-MW-8	NONE	6.74	20	1.50	> 2000
JLEI-MW-9	NONE	6.84	20	1.50	> 2000
JLEI-MW-10	NONE	6.91	20	1.50	> 2000
JLEI-MW-11	NONE	8.85	20	1.00	> 2000
JLEI-MW-12	NONE	7.33	20	1.50	> 2000
JLEI-MW-13	NONE	7.21	20	1.50	> 2000

TDS – Total Dissolved Solids

2.2.3 Ground-Water Sampling

After ground water equilibration (a period of not more than 30 minutes), the newly installed ground-water monitoring wells were sampled. A dedicated, Teflon bailer attached to a dedicated nylon cord was lowered into the well to collect a ground-water sample from the top 36-inches of the ground water column. Ground water collected in the bailer was then poured into 40 ml glass vials with septum lids and, a 500-ml amber container. The procedure for ground-water sample collection precluded air from remaining in the 40 and 500-ml sample containers and included collection of duplicate samples. Each sample was labeled and placed in an ice

chest for cold storage ≤ 4°C during fieldwork and transport to the analytical laboratory.

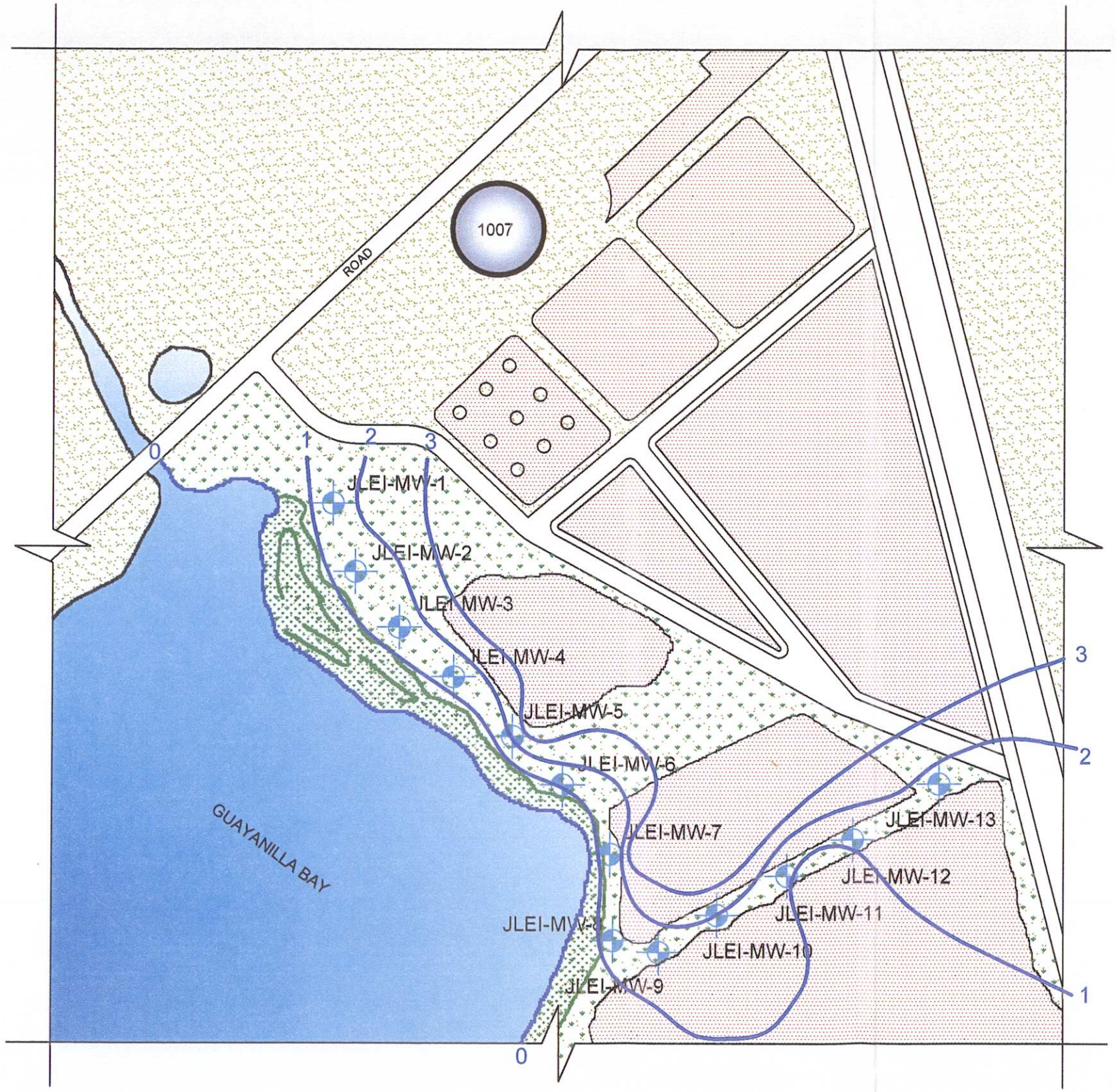
Trip blanks (made by the contract laboratory), field blanks and equipment blanks accompany the samples.

2.2.4 Surveying of Ground-Water Monitoring Wells

In August 2005, the company Professional Land Surveyors measured the relative elevations of each monitoring well. These were determined by establishing a closed-loop level line for vertical control using a Topcon AT-22A Automatic Level and an Ashtech ProMark2, Single Frequency (L1) GPS Receiver. The error of closure for the level line was 0.0, starting at a benchmark existing on the eastern end, inside the OXOCHEM facility. The elevation of this benchmark is 33.58-feet above MSL.

2.2.5 Ground Water Elevation and Flow Direction

Depth to ground water was measured in each of the monitoring wells. The measured depth to ground water in each well was converted to ground water elevation by calculating the difference between the measured elevation of the well and the depth to ground water. All measurements were taken from permanent reference points marked at the top of each ground-water monitoring well casing with the locking cap removed. Ground water elevations were then plotted on a site map and the data points contoured. The resultant contour diagram indicates a westerly flow direction **(Figure 5)**. **Table 2** presents the results of the surveying of wells at the **JAKES LAGOON** area.



COMPUTER GENERATED
SURFER V.8

INTERVAL = 1 FEET

NORTH

CLIENT: CORCO

LOCATION: STATE ROAD #127
GUAYANILLA, PUERTO RICO

PROJECT: ENVIRONMENTAL INDICATORS

GROUND-WATER CONTOUR DIAGRAM

DATE: 09/08/05	FIGURE: 5
DRAWN BY: N.VALES	PROJECT NO.: 05-333-01
APPROVED BY: L. FIGUEROA	FILE: CORCO.DWG

LEGEND

NEW MONITORING WELL LOCATION

LINE OF EQUAL GROUND-WATER ELEVATION

APPROXIMATE SCALE

400 200 0 400 (FEET)

100 50 0 100 (METERS)

APPLIED GEOSCIENCES & ENVIRONMENTAL SERVICES, INC.

TABLE 2. GROUND-WATER MEASUREMENTS

WELL IDENTIFICATION	DATE	DEPTH TO GROUND WATER (meters)	WELL CASING ELEVATION (meters)	GROUND WATER ELEVATION (meters)
JLEI-MW-1	07/11/2005	1.393	2.018	0.625
JLEI-MW-2	07/11/2005	1.863	2.281	0.418
JLEI-MW-3	07/11/2005	1.409	1.910	0.501
JLEI-MW-4	07/11/2005	2.204	2.718	0.514
JLEI-MW-5	07/11/2005	1.750	2.733	0.983
JLEI-MW-6	07/14/2005	1.954	2.558	0.604
JLEI-MW-7	07/14/2005	1.296	2.706	1.410
JLEI-MW-8	07/14/2005	2.055	2.651	0.596
JLEI-MW-9	07/14/2005	2.085	2.562	0.477
JLEI-MW-10	07/14/2005	2.107	2.598	0.491
JLEI-MW-11	07/14/2005	2.698	2.680	0.018
JLEI-MW-12	07/14/2005	2.235	2.679	0.444
JLEI-MW-13	07/29/2005	2.198	2.676	0.478

2.3 CHEMICAL ANALYSES

Chemical analyses of soil and ground-water samples were performed by Pace Analytical Services, Inc. (Pace), an EPA Contract Laboratory Program (CLP) participant, located in San German, Puerto Rico. Soil, ground-water samples and QA/QC blanks were analyzed for the following parameters:

- Total Petroleum Hydrocarbons (TPH) using EPA Method 8015B (Gasoline, Diesel Fuel and Oil); and,
- Volatile Organic Compounds (VOCs): Benzene, Toluene, Ethyl benzene and Total Xylenes (BTEX) using EPA Method 8021.

TABLE 3. SAMPLING PARAMETERS FOR ANALYSES OF GROUND-WATER SAMPLES

PARAMETER	***METHOD***	***NUMBER WATER SAMPLES***	***SAMPLE BOTTLES***	***PRESERVATION METHOD***	***METHOD DETECTION LIMIT (PPM)***	
TPH-Gasoline	8015B	13	3 vials per sample	HCl and/or ≤ 4°C	Gasoline Range Organics (GRO)	*0.100-25.00*
TPH-Diesel Fuel	8015B	13	1-500-ml per sample	≤ 4°C	Diesel Range Organics (DRO)	*0.500*
TPH-Oil	8015B	13	1-500-ml per sample	≤ 4°C	Oil Range Organics (ORO)	*5.00*
BTEX	8021	13	3 vials per sample	HCl and/or ≤ 4°C	Benzene, Toluene, Ethylbenzene, Total Xylenes	*0.0050-1.30* *0.0050-1.30* *0.0050-1.30* *0.015-3.80*

3.0 **FINDINGS**

3.1 PHYSICAL RESULTS

3.1.1 Lithology

Lithology beneath **JAKES LAGOON** was evaluated by examining drill cuttings and undisturbed soil samples from selected soil borings. Borings were drilled to a depth of twenty (20) feet below ground surface. The lithology found consisted mainly of unconsolidated sand, silt and clay with colors varying from grayish brown to black and yellow. No seepage of petroleum hydrocarbon compounds was observed to occur throughout the site, including the shoreline area.

Soil samples were screened for organic vapors using an OVA. Petroleum hydrocarbon vapor concentrations were all Non Detect (ND). No petroleum hydrocarbon odors were perceived in the soil examined. For more detailed descriptions of the subsurface soil within each boring, refer to the soil boring logs included in **Appendix (Volume) III A**.

3.1.2 Hydrogeology

Ground water occurs at a depth of approximately seven (7) feet below ground surface and has a generalized flow direction to the west. **Figure 5** is a contour diagram illustrating ground water flow in the **JAKES LAGOON** area.

3.2 CHEMICAL RESULTS

Results of chemical analyses performed on ground-water samples are summarized in **Table 4**. Copies of the Chain-of-Custody documents are included in **Appendix (Volume) III B**.

3.2.1 Chemical Results of Ground-Water Samples

Chemical analyses for Total Petroleum Hydrocarbons (TPH) and BTEX using EPA Methods 8015B and 8021, respectively, were conducted on sixteen (16) ground-water samples. Concentrations varied as follows:

- TPH (Gasoline): ND to 33 ppm;
- TPH (Diesel Fuel): ND to 660 ppm;
- TPH (Oil): ND to 16 ppm;
- Benzene: ND to 22 ppm;
- Ethylbenzene: ND to 26 ppm;
- Toluene: ND; and,
- Total Xylenes: ND to 25.3 ppm.

3.2.2 Chemical Results of Soil Samples

Chemical analyses for Total Petroleum Hydrocarbons (TPH) and BTEX using EPA Methods 8015B and 8021, respectively, were conducted on Soil Sample JL-S-5.

Concentrations detected in the soil sample are as follow:

- TPH (Gasoline): ND;
- TPH (Diesel Fuel): 16.00 ppm;
- TPH (Oil): ND;
- Benzene: ND;
- Ethylbenzene: ND;
- Toluene: ND; and,
- Xylenes: ND.

3.2.3 Chemical Results of QA/QC Blanks

Chemical analyses for TPH and BTEX using EPA Methods 8015B and 8021, respectively, were conducted on nine (9) QA/QC samples. Concentrations detected varied as follow:

- TPH (Gasoline): ND;
- TPH (Diesel Fuel): ND;
- TPH (Oil): ND;
- Benzene: ND;
- Ethylbenzene: ND;
- Toluene: ND; and,
- Xylenes: ND.

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON GROUND-WATER SAMPLES USING EPA METHODS 8015B AND 8021 (JAKE'S LAGOON AREA)

(PPM)

SAMPLE #	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
Sampled July 11, 2005							
JLEI-MW-1	ND	ND	ND	ND	ND	ND	ND
JLEI-MW-2	ND	4.1	ND	ND	ND	ND	ND
JLEI-MW-3	ND	ND	ND	ND	ND	ND	ND
JLEI-MW-4	7	660	ND	ND	ND	ND	ND
JLEI-MW-5	17	5.4	ND	22	26	ND	25.3
JLEI-MW-A*	ND	ND	ND	ND	ND	ND	ND
EB	ND	ND	ND	ND	ND	ND	ND
FB	ND	ND	ND	ND	ND	ND	ND
TB	ND	ND	ND	ND	ND	ND	ND
Sampled July 14, 2005							
JLEI-MW-6	33	160	16	ND	0.58	ND	ND
JLEI-MW-7	ND	0.81	ND	ND	ND	ND	ND
JLEI-MW-8	ND	ND	ND	ND	ND	ND	ND
JLEI-MW-9	ND	0.51	ND	ND	ND	ND	ND
JLEI-MW-10	ND	0.65	ND	ND	ND	ND	ND
JLEI-MW-11	ND	ND	ND	ND	ND	ND	ND
JLEI-MW-12	ND	ND	ND	ND	ND	ND	ND
JLEI-MW-B**	ND	ND	ND	ND	ND	ND	ND

TABLE 4. RESULTS OF CHEMICAL ANALYSES PERFORMED ON GROUND-WATER SAMPLES USING EPA METHODS 8015B AND 8021 (JAKE'S LAGOON AREA)

(PPM)

SAMPLE #	TPH GASOLINE	TPH DIESEL FUEL	TPH OIL	BENZENE	ETHYL BENZENE	TOLUENE	TOTAL XYLENES
Sampled July 14, 2005 (continued)							
EB	ND	ND	ND	ND	ND	ND	ND
FB	ND	ND	ND	ND	ND	ND	ND
TB	ND	ND	ND	ND	ND	ND	ND
Sampled July 29, 2005							
JLEI-MW-13	ND	ND	ND	ND	ND	ND	ND
JLEI-MW-C***	ND	ND	ND	ND	ND	ND	ND
EB	ND	ND	ND	ND	ND	ND	ND
FB	ND	ND	ND	ND	ND	ND	ND
TB	ND	ND	ND	ND	ND	ND	ND

Notes:

PPM - Parts per Million
TPH - Total Petroleum Hydrocarbons
ND - Non Detected
* - Duplicate sample of JLEI MW-1
** - Duplicate sample of JLEI MW-6
*** - Duplicate sample of JLEI MW-13
EB - Equipment Blank
FB - Field Blank
TB - Trip Blank

APPENDIX III A

PHOTOGRAPHS

Commonwealth Oil Refining company (Jake's Lagoon)

Environmental Indicators

Main Entrance

JLEI-MW-1

JLEI-MW-2

JLEI-MW-3

JLEI-MW-4

JLEI-MW-5

JLEI-MW-6

JLEI-MW-7

JLEI-MW-8

JLEI-MW-9

JLEI-MW-10

JLEI-MW-11

JLEI-MW-12

JLEI-MW-13

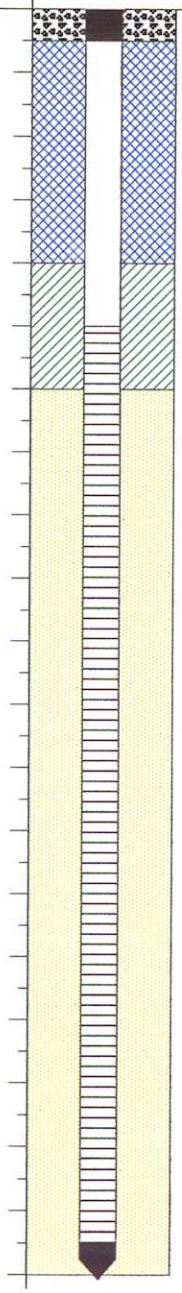
APPENDIX III A

SOIL BORING LOGS

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	**JLEI-MW-1**
BORING LOCATION:	**Corco (Jake's Lagoon)**
GROUND SURFACE ELEVATION AND DATUM:	2.018 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/05/05
DATE FINISHED:	07/05/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: Variable
0–4					SANDY GRAVEL (GM): Very Dark Brown (10YR 2/2), soft, moist, no odor.
4–8					CLAYEY GRAVEL POORLY SORTED (GC): Very Dark Grayish Brown (2.5YR 3/2), soft, moist, no odor.
8–12					GRAVELLY CLAY (CL): Black (5Y 2.5/2), moist, soft, no odor.
12–16					SANDY CLAY (CL): Black (7.5YR 2/0), moist, soft, no odor.
16–20					SANDY GRAVEL (GM): Black (5YR 2.5/2), moist, soft, no odor.



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

- Traffic Rated Well Box
- 1" diameter Schedule 40 PVC casing
- Neat cement grout.
- Bentonite chip seal
- 2.5" diameter borehole
- River Sand
- OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
- 1" diameter, 0.020" slot, Schedule 40 PVC screen
- 2.5" diameter borehole
- River Sand
- End Cap

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-2
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.281 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/05/05
DATE FINISHED:	07/05/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: Variable)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						1" diameter Schedule 40 PVC casing
2					SANDY GRAVEL (GM): Very Dark Brown (10YR 2/2), soft, moist, no odor.	
3						Neat cement grout.
4				0		
5						Bentonite chip seal
6					CLAYEY GRAVEL POORLY SORTED (GC): Very Dark Grayish Brown (2.5YR 3/2), soft, moist, no odor.	2.5" diameter borehole
7						River Sand
8				0		
9						OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10					GRAVELLY CLAY (CL): Black (5Y 2.5/2), moist, soft, no odor.	
11						
12				0		1" diameter, 0.020" slot, Schedule 40 PVC screen
13						
14					SANDY CLAY (CL): Black (7.5YR 2/0), moist, soft, no odor.	2.5" diameter borehole
15						
16				0		River Sand
17						
18					SANDY GRAVEL (GM): Black (5YR 2.5/2), moist, soft, no odor.	
19						
20				0		End Cap

Ages, Inc.

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-3
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	1.910 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/06/05
DATE FINISHED:	07/06/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1					GRAVEL SAND MIXTURE (GW): Very Dark Grayish Brown (2.5Y 3/2), moist, medium dense, no odor.	1" diameter Schedule 40 PVC casing
2						Neat cement grout.
3						
4				0		
5					SANDY GRAVEL (GM): Very Dark Brown (10YR 2/2), moist, soft, no odor.	Bentonite chip seal
6						2.5" diameter borehole
7						River Sand
8				0		
9					GRAVELLY CLAY (CL): Black (5Y 2.5/2), moist, soft, slight odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10						
11						
12				0		
13					SANDY CLAY (CL): Black (7.5YR 2/0), moist, soft, no odor.	1" diameter, 0.020" slot, Schedule 40 PVC screen
14						2.5" diameter borehole
15						
16				0		River Sand
17					SANDY CLAY (CL): Black (5Y 2.5/2), moist, soft, no odor.	
18						
19						
20				0		End Cap

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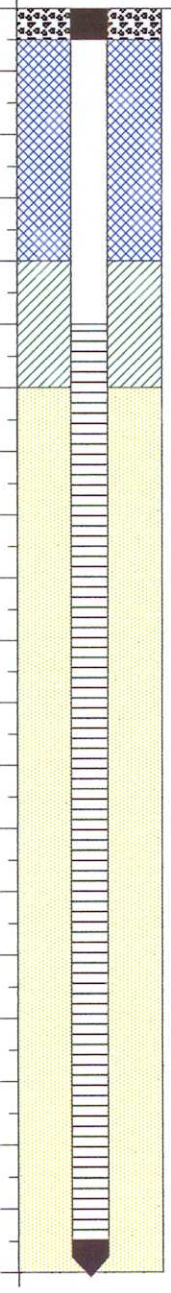
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-4
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.718 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/06/05
DATE FINISHED:	07/06/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–4				0	GRAVEL SAND MIXTURE (GW): Very Dark Grayish Brown (2.5Y 3/2), moist, medium dense, no odor.	Traffic Rated Well Box; 1" diameter Schedule 40 PVC casing; Neat cement grout.
4–8				0	SANDY GRAVEL (GM): Very Dark Brown (10YR 2/2), moist, soft, no odor.	Bentonite chip seal; 2.5" diameter borehole; River Sand
8–12				0	GRAVELLY CLAY (CL): Black (5Y 2.5/2), moist, soft, slight odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
12–16				10	SANDY CLAY (CL): Black (7.5YR 2/0), moist, soft, no odor.	1" diameter, 0.020" slot, Schedule 40 PVC screen; 2.5" diameter borehole
16–20				5	SANDY CLAY (CL): Black (5Y 2.5/2), moist, soft, no odor.	River Sand; End Cap
20				0		



Ages, Inc.

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-5
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.733 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/06/05
DATE FINISHED:	07/06/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						1" diameter Schedule 40 PVC casing
2					No Retention	
3						Neat cement grout.
4				0		
5						Bentonite chip seal
6					GRAVELLY SAND (SW): Dark Grayish Brown (2.5Y 4/2), moist, stiff, no odor.	2.5" diameter borehole
7						River Sand
8				0		
9						OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10					GRAVEL SAND MIXTURE (GW): Gray (5Y 6/1), moist, medium dense, no odor.	
11						
12				0		1" diameter, 0.020" slot, Schedule 40 PVC screen
13						
14					SANDY CLAY (CL): Gray (5Y 6/1), moist, soft, no odor.	2.5" diameter borehole
15						
16				0		River Sand
17						
18					No Retention	
19						
20				0		End Cap

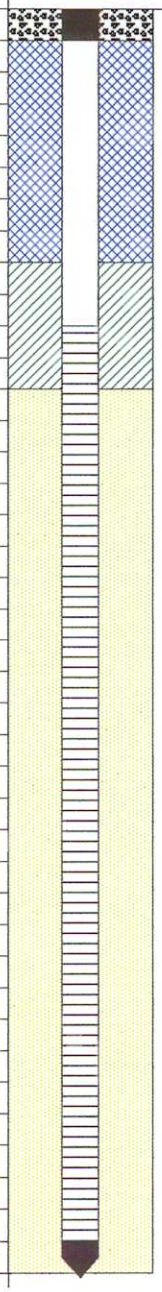
Ages, Inc.

AGES
Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-6
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.558 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/07/05
DATE FINISHED:	07/07/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: Variable)
0–4				0	No Retention
4–8				0	GRAVELLY SAND (SW): Dark Grayish Brown (2.5Y 4/2), moist, stiff, no odor.
8–12				0	GRAVEL SAND MIXTURE (GW): Gray (5Y 6/1), moist, medium dense, no odor.
12–16				0	SANDY CLAY (CL): Gray (5Y 6/1), moist, soft, no odor.
16–20				0	No Retention

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS



- Traffic Rated Well Box
- 1" diameter Schedule 40 PVC casing
- Neat cement grout.
- Bentonite chip seal
- 2.5" diameter borehole
- River Sand
- OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
- 1" diameter, 0.020" slot, Schedule 40 PVC screen
- 2.5" diameter borehole
- River Sand
- End Cap

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-7
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.706 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/07/05
DATE FINISHED:	07/07/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST:	
COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

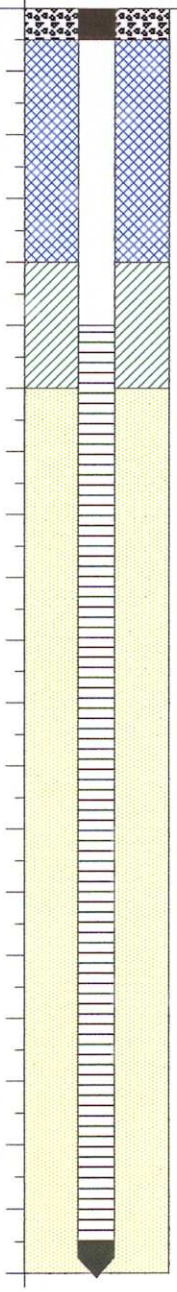
DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. (Surface Elevation: Variable)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						1" diameter Schedule 40 PVC casing
2					No Retention	
3						Neat cement grout.
4				0		
5						Bentonite chip seal
6					GRAVELLY SAND (SW): Dark Grayish Brown (2.5Y 4/2), moist, stiff, no odor.	2.5" diameter borehole
7						River Sand
8				0		
9						OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10					GRAVEL SAND MIXTURE (GW): Gray (5Y 6/1), moist, medium dense, no odor.	
11						
12				0		1" diameter, 0.020" slot, Schedule 40 PVC screen
13						
14					SANDY CLAY (CL): Gray (5Y 6/1), moist, soft, no odor.	2.5" diameter borehole
15						
16				0		River Sand
17						
18					No Retention	
19						
20				0		End Cap

Ages, Inc.

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-8
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.651 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/07/05
DATE FINISHED:	07/07/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						1" diameter Schedule 40 PVC casing
2					SANDY GRAVEL (GM): Pink (7.5YR 8/4), moist, very loose, no odor.	
3						Neat cement grout.
4				0		
5						Bentonite chip seal
6					CLAYEY GRAVEL (GC): Black (7.5YR 2/0), soft, moist, no odor.	2.5" diameter borehole
7						River Sand
8				0		
9						OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10					CLAYEY GRAVEL (GC): Reddish Yellow (7.5YR 7/6), soft, moist, no odor.	
11						
12				0		
13						1" diameter, 0.020" slot, Schedule 40 PVC screen
14					No Retention	
15						2.5" diameter borehole
16				0		River Sand
17						
18					No Retention	
19						
20				0		End Cap



Ages, Inc.

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-9
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.562 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/07/05
DATE FINISHED:	07/07/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–4				0	SANDY GRAVEL (GM): Very Pale Brown (10YR 8/4), moist, ,medium dense, no odor.	Traffic Rated Well Box; 1" diameter Schedule 40 PVC casing; Neat cement grout.
4–8				0	SANDY GRAVEL (GM): Yellow (10YR 7/8), moist, ,medium dense, no odor.	Bentonite chip seal; 2.5" diameter borehole; River Sand
8–12				0	SANDY CLAY (CL): Light Olive Brown (2.5Y 5/4), moist, medium stiff, no odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
12–16				0	GRAVELLY CLAY (CL): Light Olive Brown (2.5Y 5/4), moist, medium stiff, no odor.	1" diameter, 0.020" slot, Schedule 40 PVC screen; 2.5" diameter borehole
16–20				0	No Retention	River Sand; End Cap

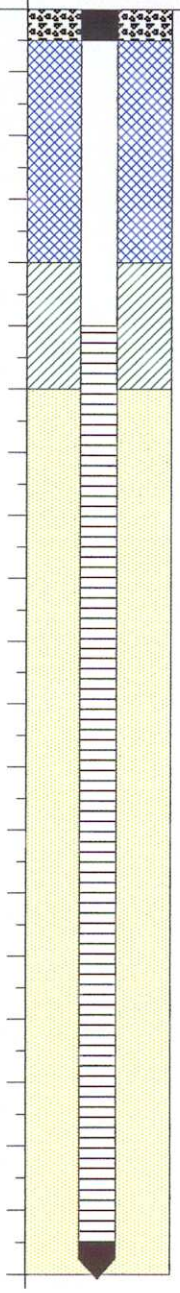
Ages, Inc.

AGES Applied Geosciences & Environmental Services
Tel. (787) 270-3100 Fax (787) 270-3110

BORING:	JLEI-MW-10
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.598 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/07/05
DATE FINISHED:	07/07/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT: NA	DROP: NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: Variable
0–4				0	SANDY GRAVEL (GM): Very Pale Brown (10YR 8/4), moist, ,medium dense, no odor.
4–8				0	SANDY GRAVEL (GM): Yellow (10YR 7/8), moist, ,medium dense, no odor.
8–12				0	SANDY CLAY (CL): Light Olive Brown (2.5Y 5/4), moist, medium stiff, no odor.
12–16				0	GRAVELLY CLAY (CL): Light Olive Brown (2.5Y 5/4), moist, medium stiff, no odor.
16–20				0	No Retention

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS



- Traffic Rated Well Box
- 1" diameter Schedule 40 PVC casing
- Neat cement grout.
- Bentonite chip seal
- 2.5" diameter borehole
- River Sand
- OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
- 1" diameter, 0.020" slot, Schedule 40 PVC screen
- 2.5" diameter borehole
- River Sand
- End Cap

AGES
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BORING:	JLEI-MW-11
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.680 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/07/05
DATE FINISHED:	07/07/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						1" diameter Schedule 40 PVC casing
2					SANDY GRAVEL (GM): Yellow (2.5Y 8/6), moist, medium dense, no odor.	
3						Neat cement grout.
4				0		
5						Bentonite chip seal
6					SANDY CLAY (CL): Dark Olive Gray (5Y 3/2), moist, medium stiff, no odor.	2.5" diameter borehole
7						River Sand
8				0		
9						OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10					SILTY CLAY (CL): Olive (5Y 4/3), moist, soft, no odor.	
11						
12				0		
13						1" diameter, 0.020" slot, Schedule 40 PVC screen
14					GRAVELLY CLAY (CL): Olive Gray (5Y 4/2), moist, soft, no odor.	2.5" diameter borehole
15						
16				0		River Sand
17						
18					No Retention	
19						
20				0		End Cap

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BORING:	JLEI-MW-12
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.679 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/07/05
DATE FINISHED:	07/07/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST:	
COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	Sample	Blows/ Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1						1" diameter Schedule 40 PVC casing
2						
3						Neat cement grout.
4				0		
5						Bentonite chip seal
6						2.5" diameter borehole
7						River Sand
8				0		
9						
10					SANDY GRAVEL (GM): Yellow (2.5Y 8/6), moist, medium dense, no odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
11					SANDY CLAY (CL): Dark Olive Gray (5Y 3/2), moist, medium stiff, no odor. SILTY CLAY (CL): Olive (5Y 4/3), moist, soft, no odor.	
12				0		
13						1" diameter, 0.020" slot, Schedule 40 PVC screen
14					GRAVELLY CLAY (CL): Olive Gray (5Y 4/2), moist, soft, no odor.	
15						2.5" diameter borehole
16						River Sand
17						
18					No Retention	
19						
20				0		End Cap

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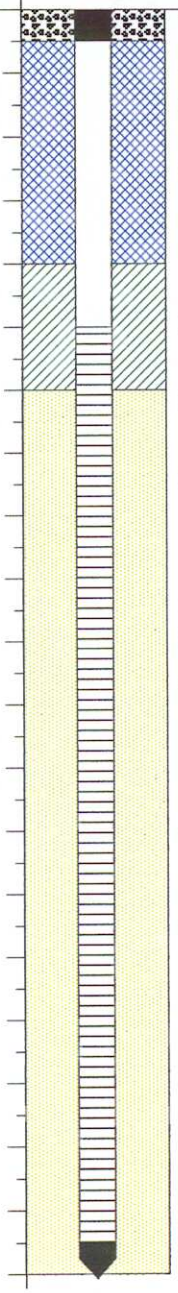
BORING:	JLEI-MW-13
BORING LOCATION:	Corco (Jake's Lagoon)
GROUND SURFACE ELEVATION AND DATUM:	2.676 Meters
DRILLING CONTRACTOR:	Ages, Inc.
DATE STARTED:	07/22/05
DATE FINISHED:	07/22/05
DRILLING METHOD:	Direct Push
TOTAL DEPTH (ft.):	20
SCREEN INTERVAL (ft.):	0-4
DRILLING EQUIPMENT:	AMS Power Probe 9600
DEPTH TO WATER: FIRST: COMPL.	
CASING:	NA
SAMPLING METHOD:	Ring
LOGGED BY:	Joaquin Vargas
HAMMER WEIGHT:	NA
DROP:	NA
RESPONSIBLE PROFESSIONAL:	Luis D. Figueroa
PROJECT NO.	05-333-01

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM Reading	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: Variable	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0						Traffic Rated Well Box
1					SANDY GRAVEL (GM): Yellow (2.5Y 8/6), moist, medium dense, no odor.	1" diameter Schedule 40 PVC casing
2						
3						Neat cement grout.
4				0		
5					SANDY CLAY (CL): Dark Olive Gray (5Y 3/2), moist, medium stiff, no odor.	Bentonite chip seal
6						2.5" diameter borehole
7						River Sand
8				0		
9					SILTY CLAY (CL): Olive (5Y 4/3), moist, soft, no odor.	OVM=RKI Instrument Model Eagle Series calibrated with 100 ppm hexane gas; readings in ppm.
10						
11						
12				0		
13					GRAVELLY CLAY (CL): Olive Gray (5Y 4/2), moist, soft, no odor.	1" diameter, 0.020" slot, Schedule 40 PVC screen
14						2.5" diameter borehole
15						
16				0		River Sand
17						
18					No Retention	
19						
20				0		End Cap



APPENDIX III C

LABORATORY RESULTS AND CHAIN OF CUSTODY DOCUMENTS

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July 29, 2005

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Dear Mr. Martinez:

Enclosed are analytical results for samples submitted to Pace Analytical by AGES. The samples were received on July 21, 2005. Please reference Pace project number 05-1770 when inquiring about this report.

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Pace Sample Identification	Client Sample Identification
0507-1297	FP-S-1
0507-1298	FP-S-10
0507-1299	FP-S-2
0507-1300	FP-S-3
0507-1301	FP-S-4

Pace Sample Identification	Client Sample Identification
0507-1302	JL-S-5
0507-1303	EB
0507-1304	FB
0507-1305	TB

General Comments: None

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Milton Martinez Barreto
Project Manager

MMB: mmb

Enclosures

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Mr. Dario Martinez
AGES
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Dorado, PR 00646-1054

Lab Project ID: 05-1770
Lab Sample ID: 0507-1297
Client Sample ID: FP-S-1
Sample Matrix: Solid

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	14	5.0	mg/kg	KIS	07/25/2005	0002140-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	07/25/2005	0002140-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/27/2005	0002165-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/27/2005	0002164-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lic. Sandra Y. Laboy Olivieri
Lic.# 4122
QUIMICO LICENCIADO

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1770**
Lab Sample ID: **0507-1298**
Client Sample ID: **FP-S-10**
Sample Matrix: Solid

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	27	5.0	mg/kg	KIS	07/25/2005	0002140-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	07/25/2005	0002140-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/27/2005	0002165-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/27/2005	0002164-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: 05-1770
Lab Sample ID: 0507-1299
Client Sample ID: FP-S-2
Sample Matrix: Solid

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<5.0	5.0	mg/kg	KIS	07/25/2005	0002140-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	07/25/2005	0002140-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/27/2005	0002165-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/27/2005	0002164-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
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Lab Project ID: **05-1770**
Lab Sample ID: **0507-1300**
Client Sample ID: **FP-S-3**
Sample Matrix: Solid

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<5.0	5.0	mg/kg	KIS	07/25/2005	0002140-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	07/25/2005	0002140-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/27/2005	0002165-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/27/2005	0002164-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1770**
Lab Sample ID: **0507-1301**
Client Sample ID: **FP-S-4**
Sample Matrix: Solid

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<5.0	5.0	mg/kg	KIS	07/25/2005	0002140-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	07/25/2005	0002140-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/27/2005	0002165-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/27/2005	0002164-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1770**
Lab Sample ID: **0507-1302**
Client Sample ID: **JL-S-5**
Sample Matrix: Solid

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	16	5.0	mg/kg	KIS	07/25/2005	0002140-1	<5.0
Oil Range Organics (ORO)	Mod 8015(1)	<50	50	mg/kg	KIS	07/25/2005	0002140-1	<50

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<5.0	5.0	mg/kg	RGG	07/27/2005	0002165-1	<5.0
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Ethylbenzene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
Toluene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25
m,p-Xylene	8021B(1)	<0.50	0.50	mg/kg	RGG	07/27/2005	0002164-1	<0.50
o-Xylene	8021B(1)	<0.25	0.25	mg/kg	RGG	07/27/2005	0002164-1	<0.25

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

Lic. Sandra I. Lúbrey Quiñones
QUÍMICO LICENCIADO

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Mr. Dario Martinez
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Lab Project ID: **05-1770**
Lab Sample ID: **0507-1303**
Client Sample ID: **EB**
Sample Matrix: Aqueous

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/25/2005	0002139-1	
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/25/2005	0002139-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	KHE	07/26/2005	0002171-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	KHE	07/26/2005	0002170-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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El Retiro Industrial Zone
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San German, PR 00683
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Fax: 787.892.1054
www.pacelabs.com

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: 05-1770
Lab Sample ID: 0507-1304
Client Sample ID: FB
Sample Matrix: Aqueous

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/25/2005	0002139-1	
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/25/2005	0002139-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	KHE	07/26/2005	0002171-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	KHE	07/26/2005	0002170-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1770**
Lab Sample ID: **0507-1305**
Client Sample ID: **TB**
Sample Matrix: Aqueous

Client Site: CORCO
Client Ref.: CORCO Mangle FP-JL

Date Sampled: 07/20/2005
Date Received: 07/21/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015[1]	<0.10	0.10	mg/L	KHE	07/26/2005	0002171-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B[1]	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
Ethylbenzene	8021B[1]	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
Toluene	8021B[1]	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050
m,p-Xylene	8021B[1]	<0.010	0.010	mg/L	KHE	07/26/2005	0002170-1	<0.010
o-Xylene	8021B[1]	<0.0050	0.0050	mg/L	KHE	07/26/2005	0002170-1	<0.0050

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

Approved by: _____ Date: 07/29/05

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REPORT OF LABORATORY ANALYSIS

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CHAIN OF-CUSTODY / Analytical Request Document

The Chai[illegible] of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed acc[illegible]ly.

Page: 1 of 1

907768

Section A Required Client Information:

Company:	AGES inc.
Address:	PO Box 1054 Dorado PR 00646-1054
Email To:	AGES@coqui.net
Phone:	270-3100
Fax:	270-3110
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	AGES
Copy To:	
Purchase Order No.:	
Project Name:	Corco Mangle FP-JL
Project Number:	

Section C Invoice Information:

Attention:	AGES
Company Name:	AGES
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ Other Soil

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER PR

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

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

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	FP-S-1	SL	G			7/20/05	1:15		1	X								X		0502-1297
2	FP-S-10						1:20		1											1298
3	FP-S-2						1:30		1											1299
4	FP-S-3						1:36		1											1300
5	FP-S-4						1:45		1											1301
6	JL-S-5						2:05		1											1302
7	EB	WT					12:50		4				X							1303
8	FB						2:15		4				X							1304
9	TB						2:20		4				X							1305
10																				
11																				
12																				

Requested Analysis: GRO, BTEX, DRO, ORO, BTEX

no pc 7/20/05

Additional Comments: P/S Send GC Chromatograms QA/QC, Calibration Curves

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	7/21/05	12:30 pm	[signature]	7/21/05	1230 pm
[signature]	7/21/05	5:35 pm	[signature]	1735	7/21/05

SAMPLE CONDITION

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joaquin A. Vargas

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM / DD / YY): 7/20/05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

Pace Analytical

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5 Page 1 of 50

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	n/a	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	GRO CCV	<2	n/a	025F0201	Water	5mL	1	7/26/05 18:03 Run 4067	
2	n/a	BTEX CCV	<2	n/a	026F0301	Water	5mL	1	7/26/05 18:35	
3	05-1746	1065	<2	2170/2171	027F0401	Water	5mL	1	7/26/05 19:08	
4	05-1746	1066	<2	2170/2171	028F0501	Water	5mL	1	7/26/05 19:40	
5	05-1746	1067	<2	2170/2171	029F0601	Water	5mL	1	7/26/05 20:12	
6	n/a	MB Aq	<2	2170/2171	030F0701	Water	5mL	1	7/26/05 20:45	
7	n/a	LCS Aq	<2	2170/2171	031F0801	Water	5mL	1	7/26/05 21:16	
8	n/a	LCSD Aq	<2	2170/2171	032F0901	Water	5mL	1	7/26/05 21:49	
9	05-1770	1303	<2	2170/2171	033F1001	Water	5mL	1	7/26/05 22:21	
10	05-1770	1304	<2	2170/2171	034F1101	Water	5mL	1	7/26/05 22:53	
11	05-1770	1305	<2	2170/2171	035F1201	Water	5mL	1	7/26/05 23:26	
12	05-1802	1636	<2	2170/2171	036F1301	Water	5mL	1	7/26/05 23:58	
13	n/a	GRO CCV	<2	n/a	037F1401	Water	5mL	1	7/27/05 0:30 Run 4068	
14	n/a	BTEX CCV	<2	n/a	038F1501	Water	5mL	1	7/27/05 1:02	
15	05-1802	1637	<2	2170/2171	039F1601	Water	5mL	1	7/27/05 1:34	
16	05-1802	1638	<2	2170/2171	040F1701	Water	5mL	1	7/27/05 2:07	
17	05-1802	1649	<2	2170/2171	041F1801	Water	5mL	1	7/27/05 2:39	
18	05-1802	1650	<2	2170/2171	042F1901	Water	5mL	1	7/27/05 3:11	
19	05-1802	1653	<2	2170/2171	043F2001	Water	0.05mL	100	7/27/05 3:42	
20	05-1802	1657	<2	2170/2171	044F2101	Water	0.05mL	100	7/27/05 4:15	RR * 250 for Toluene
21	05-1802	1663	<2	2170/2171	045F2201	Water	5mL	1	7/27/05 4:47	RR * 5 for Toluene

7/27/05

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PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5 Page 1 of 50

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	n/a	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1802	1668	<2	2170/2171	046F2301	Water	5mL	1	7/27/05 5:19	
23	05-1802	1669	<2	2170/2171	047F2401	Water	5mL	1	7/27/05 5:51	
24	05-1807	1710	<2	2170/2171	048F2501	Water	5mL	1	7/27/05 6:24	
25	n/a	GRO CCV	<2	n/a	049F2601	Water	5mL	1	7/27/05 6:56	
26	n/a	BTEX CCV	<2	n/a	050F2701	Water	5mL	1	7/27/05 7:28	
27	05-1807	1711	<2	2170/2171	051F2801	Water	5mL	1	7/27/05 8:00	
28	05-1807	1712	<2	2170/2171	052F2901	Water	5mL	1	7/27/05 8:32	
29	n/a	GRO CCV	<2	n/a	053F3001	Water	5mL	1	7/27/05 9:05	
30	n/a	BTEX CCV	<2	n/a	054F3101	Water	5mL	1	7/27/05 9:37	

[illegible] 7/27/05

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\1METHODS\1GRO0503.M (Chemstation Integrator)
Title :
Last Update : Fri May 20 08:47:39 2005
Response via : Initial Calibration

Non-Spiked Sample: 030F0701.D

	Spike Sample	Spike Duplicate Sample
File ID :	031F0801.D	032F0901.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	26-Jul-2005, 21:16:49	26-Jul-2005, 21:49:16

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1465	1504	90	92	3	20	70-130
Benzene	0.0	23	26	27	116	120	3	20	70-130
Toluene	0.0	123	120	124	97	100	3	20	70-130
Ethylbenzene	0.0	29	28	25	94	87	9	20	70-130
m,p-Xylene	0.0	103	98	98	95	96	0	20	70-130
o-Xylene	0.0	42	38	41	92	99	8	20	70-130

- Fails Limit Check

1GRO0503.M Wed Jul 27 14:54:05 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\025F0201.D\FID1A.CH Vial: 25
Acq On : 26-Jul-2005, 18:03:57 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\025F0201.D\FID2B.CH Vial: 25
Acq On : 26-Jul-05, 18:03:57 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:41 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

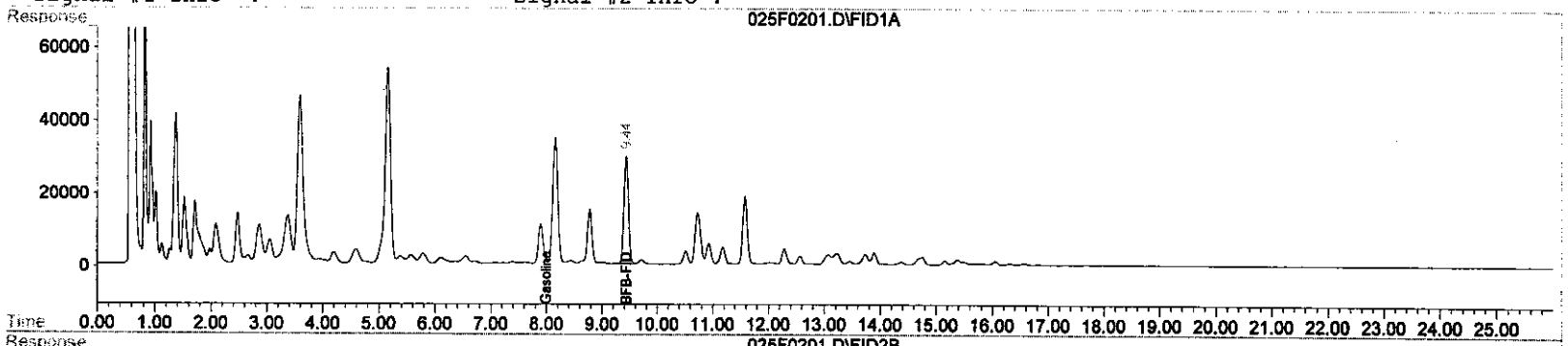
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4464	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1654640	105.954 ug/L
Spiked Amount 100.000		Recovery =	105.95%
1[illegible] S 4-Bromofluorobenzene	9.44	18762	119.926 ug/L
S[illegible]ed Amount 100.000		Recovery =	119.93%
Target Compounds			
1) H T M Gasoline	8.00	25481019	935.942 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	5061	30.264 ug/L
7) T M Toluene	5.16	21537	96.691 ug/L
8) T M Ethylbenzene	7.90	5233	22.377 ug/L
9) T M m,p-Xylene	8.16	22434	77.282 ug/L
10) T M o-Xylene	8.79	8089	33.853 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	5340	14.235 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	13350	47.695 ug/L
14) T Naphthalene	16.06	1868	15.775 ug/L

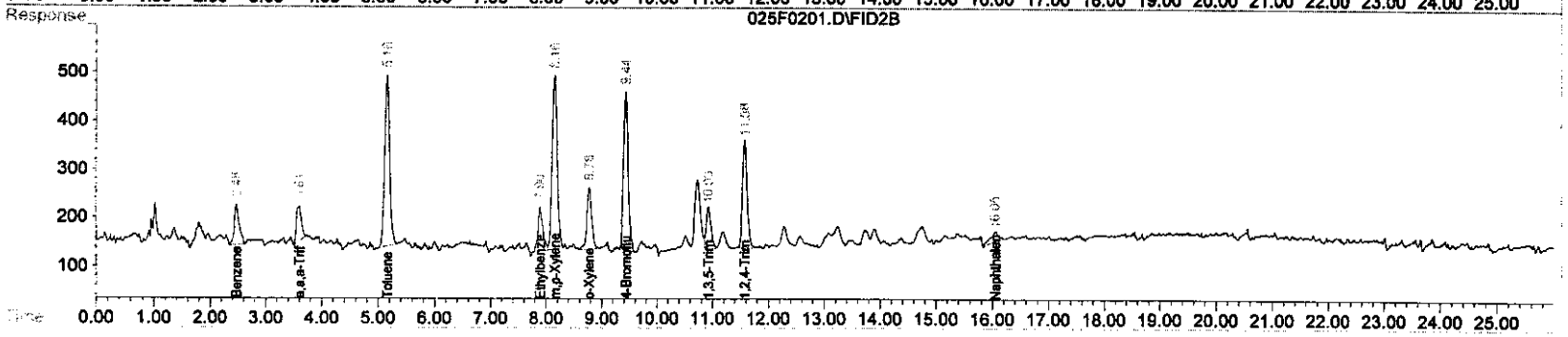
Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\025F0' .D\FID1A.CH Vial: 25
Acq On : 26-Jul-2005, 18:03:57 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\025F0201.D\FID2B.CH Vial: 25
Acq On : 26-Jul-05, 18:03:57 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:41 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\035F1201.D\FID1A.CH Vial: 35
Acq On : 26-Jul-2005, 23:26:14 Operator: RG
Sample : 1770-1305,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\035F1201.D\FID2B.CH Vial: 35
Acq On : 26-Jul-05, 23:26:14 Operator: RG
Sample : 1770-1305,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:50 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

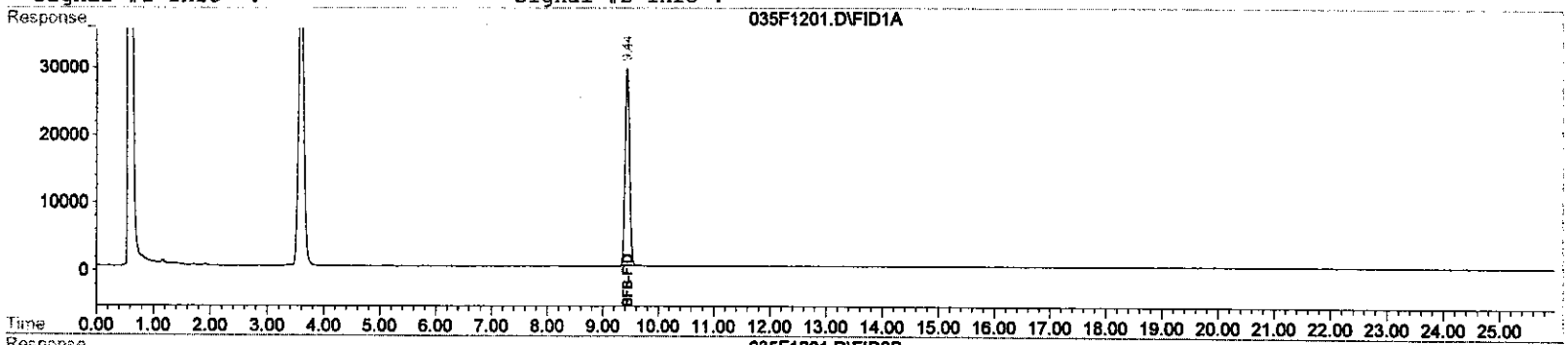
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5363	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1621504	103.827 ug/L
Spiked Amount 100.000		Recovery =	103.83%
3) S 4-Bromofluorobenzene	9.44	18046	96.006 ug/L
Spiked Amount 100.000		Recovery =	96.01%
Target Compounds			
1) H T M Gasoline	8.00	2896232	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

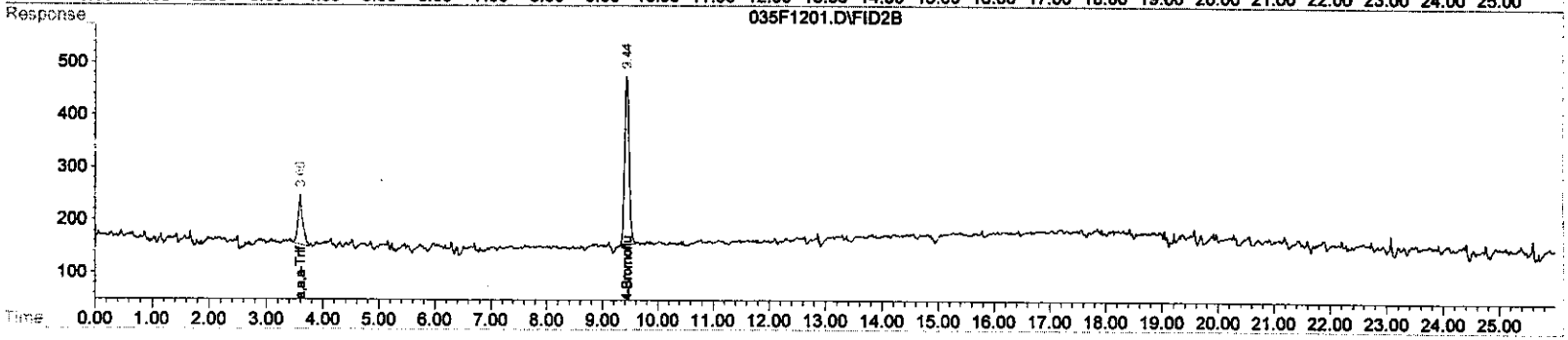
Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\035F1? .D\FID1A.CH Vial: 35
Acq On : 26-Jul-2005, 23:26:14 Opera r: RG
Sample : 1770-1305,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\035F1201.D\FID2B.CH Vial: 35
Acq On : 26-Jul-05, 23:26:14 Operator: RG
Sample : 1770-1305,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:50 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\037F1401.D\FID1A.CH Vial: 37
Acq On : 27-Jul-2005, 00:30:20 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\037F1401.D\FID2B.CH Vial: 37
Acq On : 27-Jul-05, 00:30:20 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:51 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

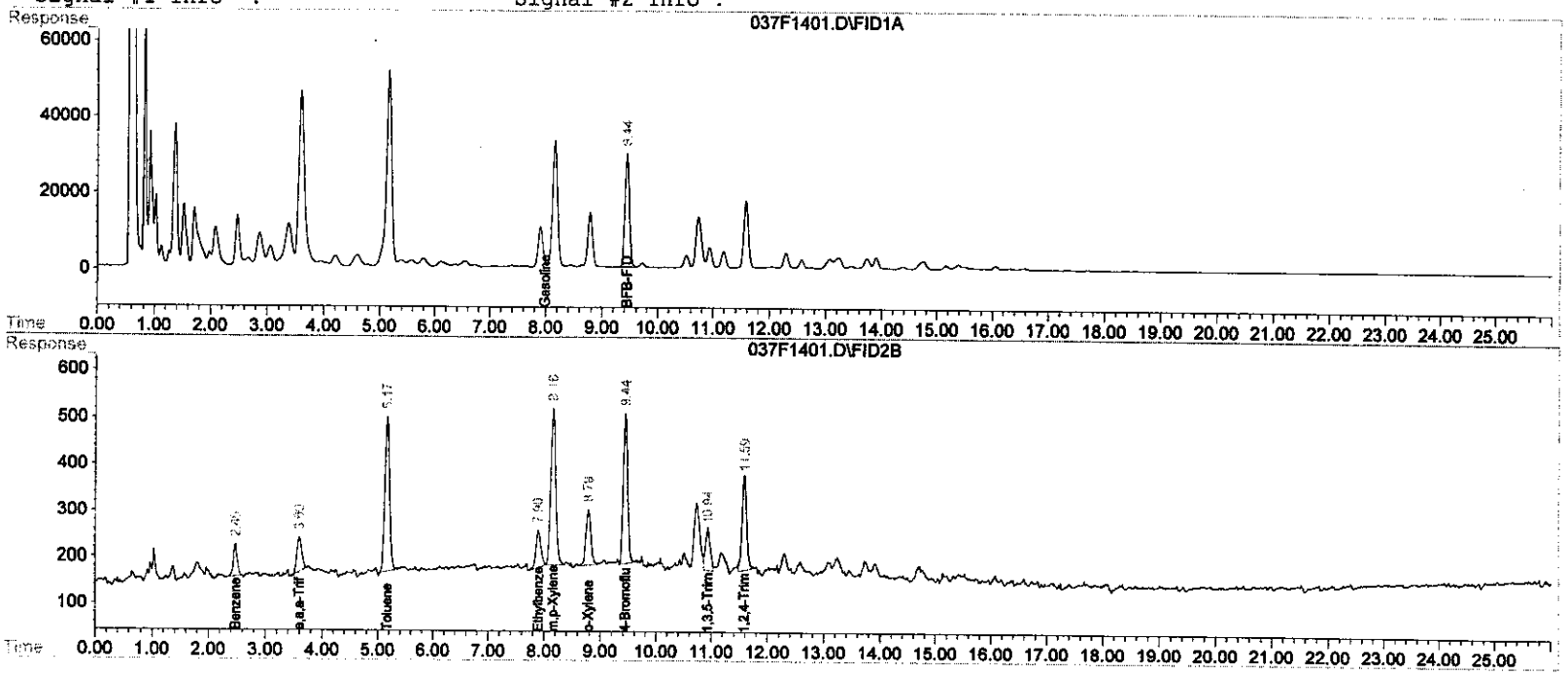
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4474	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1672336	107.090 ug/L
Spiked Amount 100.000		Recovery =	107.09%
3) S 4-Bromofluorobenzene	9.44	17808	113.574 ug/L
Spiked Amount 100.000		Recovery =	113.57%
Target Compounds			
1) H T M Gasoline	8.00	23615901	857.455 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	3154	19.373 ug/L
7) T M Toluene	5.17	19797	88.597 ug/L
8) T M Ethylbenzene	7.90	4896	20.721 ug/L
9) T M m,p-Xylene	8.16	21259	72.931 ug/L
10) T M o-Xylene	8.79	7373	30.701 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5817	15.472 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	11995	42.641 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\037F1 .D\FID1A.CH Vial: 37
Acq On : 27-Jul-2005, 00:30:20 Oper r: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\037F1401.D\FID2B.CH Vial: 37
Acq On : 27-Jul-05, 00:30:20 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:51 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\038F1501.D\FID1A.CH Vial: 38
Acq On : 27-Jul-2005, 01:02:50 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\038F1501.D\FID2B.CH Vial: 38
Acq On : 27-Jul-05, 01:02:50 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 12:03 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

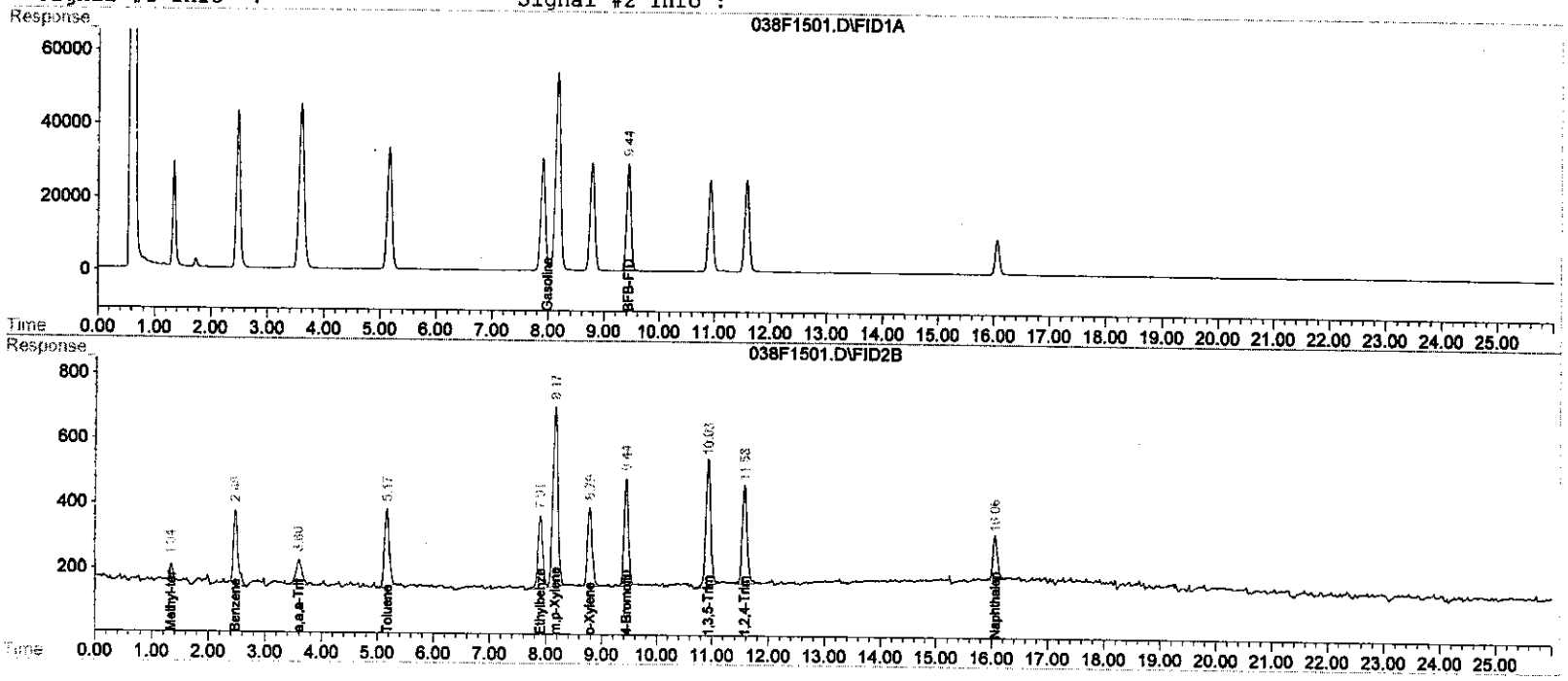
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5795	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1631006	104.437 ug/L
Spiked Amount 100.000		Recovery =	104.44%
11) S 4-Bromofluorobenzene	9.44	18079	89.017 ug/L
Spiked Amount 100.000		Recovery =	89.02%
Target Compounds			
1) H T M Gasoline	8.00	18596173	646.217 ug/L
5) T Methyl-tert-butyl ether	1.34	1721	36.581 ug/L
6) T M Benzene	2.48	12016	54.126 ug/L
7) T M Toluene	5.17	13838	47.351 ug/L
8) T M Ethylbenzene	7.91	13649	47.456 ug/L
9) T M m,p-Xylene	8.17	35226	94.012 ug/L
10) T M o-Xylene	8.79	14291	46.409 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24060	49.405 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18575	51.200 ug/L
14) T Naphthalene	16.07	7928	42.732 ug/L

Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\038F1 .D\FID1A.CH Vial: 38
Acq On : 27-Jul-2005, 01:02:50 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\038F1501.D\FID2B.CH Vial: 38
Acq On : 27-Jul-05, 01:02:50 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 12:03 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Pace Analytical

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-365	bcc1	GC-S-1-358	is1	GC-S-1-364	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-362	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-363	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

RD 7/29/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	mb naq	n/a	2164/2165	001F0101	Soil	10.00g	1	7/27/05 10:45	Run# 4103
2	n/a	lcs naq	n/a	2164/2165	002F0201	Soil	5.00g	1	7/27/05 11:17	Opening CCV's taken from close
3	05-1746	1060	n/a	2164/2165	003F0301	Soil	10.00g	1	7/27/05 11:50	of previous run for 7/29/05
4	05-1746	1060ms	n/a	2164/2165	004F0401	Soil	5.01g	1	7/27/05 12:22	
5	05-1746	1060sd	n/a	2164/2165	005F0501	Soil	5.03g	1	7/27/05 12:54	
6	05-1746	1061	n/a	2164/2165	006F0601	Soil	10.03g	1	7/27/05 13:26	
7	05-1746	1062	n/a	2164/2165	007F0701	Soil	9.97g	1	7/27/05 13:59	
8	05-1746	1063	n/a	2164/2165	008F0801	Soil	9.98g	1	7/27/05 14:31	
9	05-1746	1064	n/a	2164/2165	009F0901	Soil	10.00g	1	7/27/05 15:03	
10	05-1770	1297	n/a	2164/2165	010F1001	Soil	10.02g	1	7/27/05 15:35	
11	n/a	GRO CCV	n/a	n/a	011F1101	Water	5mL	1	7/27/05 16:08	
12	n/a	BTEX CCV	n/a	n/a	012F1201	Water	5mL	1	7/27/05 16:40	
13	05-1770	1298	n/a	2164/2165	013F1301	Soil	10.01g	1	7/27/05 17:12	
14	05-1770	1299	n/a	2164/2165	014F1401	Soil	9.97g	1	7/27/05 17:44	
15	05-1770	1300	n/a	2164/2165	015F1501	Soil	9.98g	1	7/27/05 18:16	
16	05-1770	1301	n/a	2164/2165	016F1601	Soil	10.02g	1	7/27/05 18:48	
17	05-1770	1302	n/a	2164/2165	017F1701	Soil	10.00g	1	7/27/05 19:20	
18	05-1802	1639	n/a	2164/2165	018F1801	Soil	9.97g	1	7/27/05 19:53	
19	05-1802	1640	n/a	2164/2165	019F1901	Soil	10.00g	1	7/27/05 20:26	
20	05-1802	1641	n/a	2164/2165	020F2001	Soil	10.02g	1	7/27/05 20:58	
21	05-1802	1642	n/a	2164/2165	021F2101	Soil	10.02g	1	7/27/05 21:31	

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PACE ANAL' 'CAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-365	bcc1	GC-S-1-358	is1	GC-S-1-364	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-362	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-363	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

KP 7/29/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1802	1643	n/a	2164/2165	022F2201	Soil	9.98g	1	7/27/05 22:03	
23	n/a	GRO CCV	n/a	n/a	023F2301	Water	5mL	1	7/27/05 22:35	
24	n/a	BTEX CCV	n/a	n/a	024F2401	Water	5mL	1	7/27/05 23:08	
25	05-1802	1644	n/a	2164/2165	025F2501	Soil	10.00g	1	7/27/05 23:40	
26	05-1802	1645	n/a	2164/2165	026F2601	Soil	9.97g	1	7/28/05 0:12	**Run# 4104**
27	05-1802	1646	n/a	2164/2165	027F2701	Soil	9.98g	1	7/28/05 0:44	
28	05-1802	1647	n/a	2164/2165	028F2801	Soil	10.02g	1	7/28/05 1:16	
29	n/a	mb naq	n/a	2166/2167	029F2901	Soil	10.00g	1	7/28/05 1:49	
30	n/a	lcs naq	n/a	2166/2167	030F3001	Soil	5.00g	1	7/28/05 2:21	
31	05-1802	1648	n/a	2166/2167	031F3101	Soil	10.00g	1	7/28/05 2:53	
32	05-1802	1648ms	n/a	2166/2167	032F3201	Soil	5.00g	1	7/28/05 3:26	
33	05-1802	1648sd	n/a	2166/2167	033F3301	Soil	5.01g	1	7/28/05 3:58	
34	05-1802	1651	n/a	2166/2167	034F3401	Soil	10.00g	1	7/28/05 4:30	
35	n/a	GRO CCV	n/a	n/a	035F3501	Water	5mL	1	7/28/05 5:02	
36	n/a	BTEX CCV	n/a	n/a	036F3601	Water	5mL	1	7/28/05 5:35	
37	05-1802	1652	n/a	2166/2167	037F3701	Soil	9.98g	1	7/28/05 6:07	RR 50X G,E,mp,o
38	05-1802	1654	n/a	2166/2167	038F3801	Soil	10.02g	1	7/28/05 6:39	
39	05-1802	1655	n/a	2166/2167	039F3901	Soil	10.00g	1	7/28/05 7:12	RR 50X G,T,E,mp,o
40	05-1802	1656	n/a	2166/2167	040F4001	Soil	9.97g	1	7/28/05 7:44	RR 10X G,T,mp,o
41	05-1802	1658	n/a	2166/2167	041F4101	Soil	10.02g	1	7/28/05 8:16	
42	05-1802	1659	n/a	2166/2167	042F4201	Soil	10.00g	1	7/28/05 8:49	

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PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-365	bcc1	GC-S-1-358	is1	GC-S-1-364	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-362	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-363	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

AP 7/29/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
43	05-1802	1660	n/a	2166/2167	043F4301	Soil	9.97g	1	7/28/05 9:21	RR 10X G
44	05-1802	1661	n/a	2166/2167	044F4401	Soil	10.01g	1	7/28/05 9:52	RR 20X G,T,E,mp,o
45	05-1802	1662	n/a	2166/2167	045F4501	Soil	10.02g	1	7/28/05 10:25	
46	05-1802	1664	n/a	2166/2167	046F4601	Soil	10.00g	1	7/28/05 10:57	RR 5X G,T
47	n/a	GRO CCV	n/a	n/a	047F4701	Water	5mL	1	7/28/05 11:30	
48	n/a	BTEX CCV	n/a	n/a	048F4801	Water	5mL	1	7/28/05 12:02	
49	05-1802	1665	n/a	2166/2167	049F4901	Soil	9.98g	1	7/28/05 12:33	
50	05-1802	1666	n/a	2166/2167	050F5001	Soil	10.02g	1	7/28/05 13:06	
51	05-1802	1667	n/a	2166/2167	051F5101	Soil	10.00g	1	7/28/05 13:38	
52	05-1807	1713	n/a	2166/2167	052F5201	Soil	9.97g	1	7/28/05 14:11	RR 50X G,T,E,mp,o
53	05-1807	1714	n/a	2166/2167	053F5301	Soil	9.97g	1	7/28/05 14:42	RR 20X G,T,E,mp,o
54	05-1807	1715	n/a	2166/2167	054F5401	Soil	10.02g	1	7/28/05 15:14	
55	05-1807	1716	n/a	2166/2167	055F5501	Soil	10.02g	1	7/28/05 15:47	
56	05-1807	1717	n/a	2166/2167	056F5601	Soil	10.00g	1	7/28/05 16:19	
57	n/a	mb naq	n/a	2168/2169	057F5701	Soil	10.00g	1	7/28/05 16:51	
58	n/a	lcs naq	n/a	2168/2169	058F5801	Soil	5.00g	1	7/28/05 17:23	
59	n/a	GRO CCV	n/a	n/a	059F5901	Water	5mL	1	7/28/05 17:56	
60	n/a	BTEX CCV	n/a	n/a	060F6001	Water	5mL	1	7/28/05 18:28	
61	05-1807	1723	n/a	2168/2169	061F6101	Soil	9.98g	1	7/28/05 19:00	ss2
62	05-1807	1723ms	n/a	2168/2169	062F6201	Soil	5.01g	1	7/28/05 19:32	ss2
63	05-1807	1723sd	n/a	2168/2169	063F6301	Soil	5.02g	1	7/28/05 20:04	ss2

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P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-365	bcc1	GC-S-1-358	is1	GC-S-1-364	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-362	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	GC-S-1-363	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

KP 7/29/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
64	05-1802	1652	n/a	2166/2167	064F6401	Soil	9.98g	50	7/28/05 20:37	
65	05-1802	1655	n/a	2166/2167	065F6501	Soil	10.00g	50	7/28/05 21:09	
66	05-1802	1656	n/a	2166/2167	066F6601	Soil	9.97g	10	7/28/05 21:41	
67	05-1802	1660	n/a	2166/2167	067F6701	Soil	9.97g	10	7/28/05 22:14	
68	05-1802	1661	n/a	2166/2167	068F6801	Soil	10.01g	20	7/28/05 22:46	
69	05-1802	1664	n/a	2166/2167	069F6901	Soil	10.00g	5	7/28/05 23:18	
70	05-1807	1713	n/a	2166/2167	070F7001	Soil	9.97g	50	7/28/05 23:50	
71	n/a	GRO CCV	n/a	n/a	071F7101	Water	5mL	1	7/29/05 0:23	**Run# 4105**
72	n/a	BTEX CCV	n/a	n/a	072F7201	Water	5mL	1	7/29/05 0:55	
73	05-1807	1714	n/a	2166/2167	073F7301	Soil	9.97g	20	7/29/05 1:27	
74	n/a	GRO CCV	n/a	n/a	074F7401	Water	5mL	1	7/29/05 1:59	
75	n/a	BTEX CCV	n/a	n/a	075F7501	Water	5mL	1	7/29/05 2:31	

Data File Name **002F0201.D**
Date Acquired **27-Jul-2005, 11:17:50**
Method File **2GROBTEX.M**
Sample Name **lcs naq,1,,2**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Gasoline	1477.72	1650	90	70 - 130	Pass
BFB-FID	93.85	100	94	70 - 130	Pass
Benzene	26.49	22.8	116	70 - 130	Pass
Toluene	116.37	123.3	94	70 - 130	Pass
Ethylbenzene	25.03	29.4	85	70 - 130	Pass
m,p-Xylene	91.82	102.6	89	70 - 130	Pass
o-Xylene	36.19	41.7	87	70 - 130	Pass
4-Bromofluorobenzene	75.80	100	76	70 - 130	Pass

Spike Recovery and RPD Summary Report - SOIL

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
ponse via : Initial Calibration

Non-Spiked Sample: 003F0301.D

	Spike Sample	Spike Duplicate Sample
File ID :	004F0401.D	005F0501.D
Sample :	1746-1060ms,1,,3	1746-1060sd,1,,3
Acq Time:	27-Jul-2005, 12:22:07	27-Jul-2005, 12:54:25

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1214	1246	74	76	3	20	70-130
Benzene	0.0	23	27	26	117	114	2	20	70-130
Toluene	0.0	123	103	105	83	85	2	20	70-130
Ethylbenzene	0.0	29	21	22	72	74	2	20	70-130
m,p-Xylene	0.0	103	78	82	76	80	5	20	70-130
o-Xylene	0.0	42	33	33	79	80	1	20	70-130

- Fails Limit Check

0617ARCH.M Thu Jul 28 10:11:13 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\001F0101.D\FID1A.CH Vial: 1
Acq On : 27-Jul-2005, 10:45:25 Operator: RG
Sample : mb naq,1,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\001F0101.D\FID2B.CH Vial: 1
Acq On : 27-Jul-05, 10:45:25 Operator: RG
Sample : mb naq,1,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

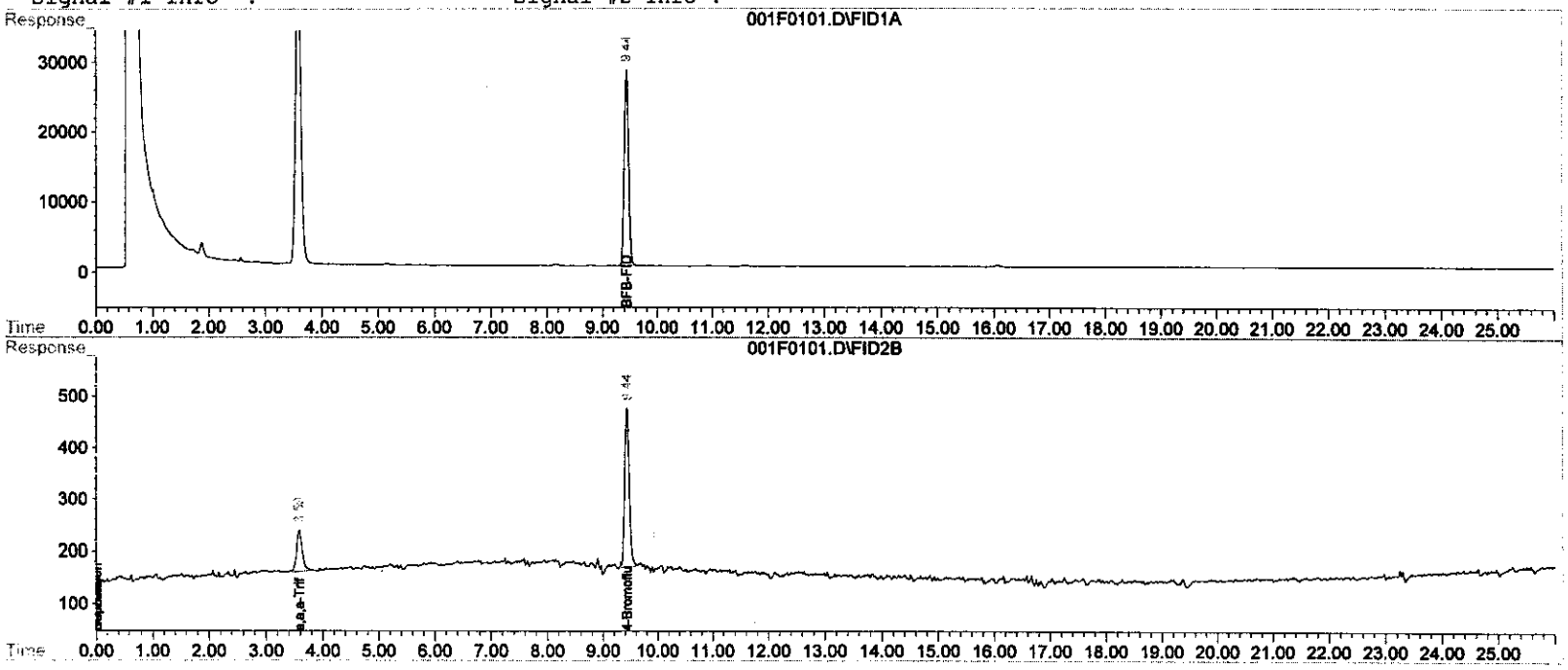
	Compound	R.T.	Response	Conc Units
	Internal Standards			
4) I	a,a,a-Trifluorotoluene IS	3.59	5371	100.000 ug/L m
	System Monitoring Compounds			
2) S	BFB-FID	9.44	1557688	99.730 ug/L
Spiked Amount	100.000		Recovery =	99.73%
1'' S	4-Bromofluorobenzene	9.44	17487	92.907 ug/L
: ted Amount	100.000		Recovery =	92.91%
	Target Compounds			
1) H T M	Gasoline	8.00	3038453	N.D. ug/L
5) T	Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M	Benzene	0.00	0	1.472 ug/L
7) T M	Toluene	0.00	0	N.D. ug/L
8) T M	Ethylbenzene	0.00	0	N.D. ug/L
9) T M	m,p-Xylene	0.00	0	N.D. ug/L
10) T M	o-Xylene	0.00	0	N.D. ug/L
12) T	1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T	1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T	Naphthalene	0.00	0	3.895 ug/L

```
Data Fi    : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\001F01   D\FID1A.CH Vial: 1
Acq On     : 27-Jul-2005, 10:45:25                    Operator: RG
Sample     : mb naq,1,,1                              Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\001F0101.D\FID2B.CH Vial: 1
Acq On     : 27-Jul-05, 10:45:25                      Operator: RG
Sample     : mb naq,1,,1                              Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:04 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\002F0201.D\FID1A.CH Vial: 2
Acq On : 27-Jul-2005, 11:17:50 Operator: RG
Sample : lcs naq,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\002F0201.D\FID2B.CH Vial: 2
Acq On : 27-Jul-05, 11:17:50 Operator: RG
Sample : lcs naq,1,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5769	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1466124	93.852 ug/L
Spiked Amount 100.000		Recovery =	93.85%
1'' S 4-Bromofluorobenzene	9.44	15324	75.798 ug/L
:ed Amount 100.000		Recovery =	75.80%
Target Compounds			
1) H T M Gasoline	8.00	38355460	1477.719 ug/L
5) T Methyl-tert-butyl ether	1.35	1581	33.742 ug/L
6) T M Benzene	2.48	5683	26.490 ug/L
7) T M Toluene	5.16	33438	116.365 ug/L
8) T M Ethylbenzene	7.91	7484	25.029 ug/L
9) T M m,p-Xylene	8.16	34270	91.823 ug/L
10) T M o-Xylene	8.79	11156	36.192 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8190	16.896 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	19677	54.558 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

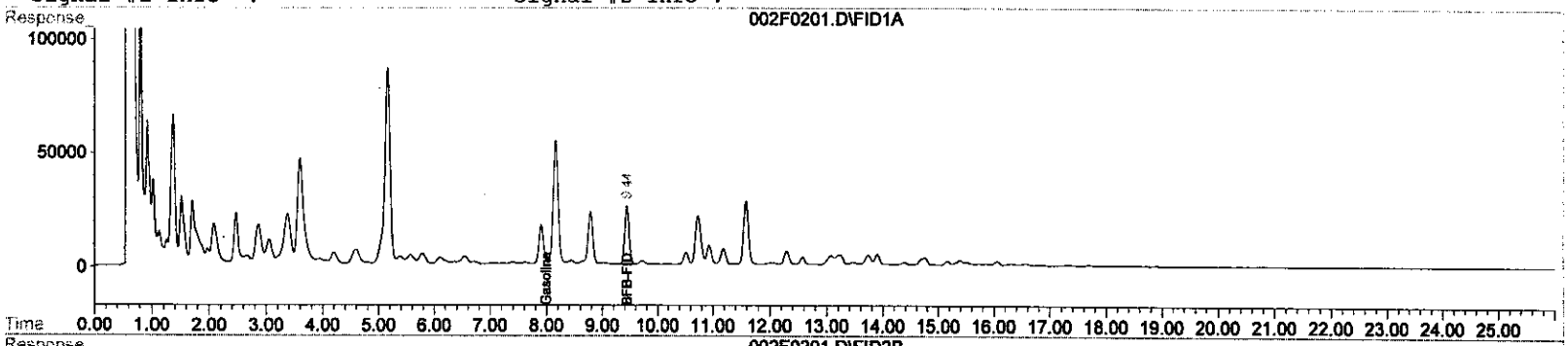
(f)=RT Delta > 1/2 Window (m)=manual int.

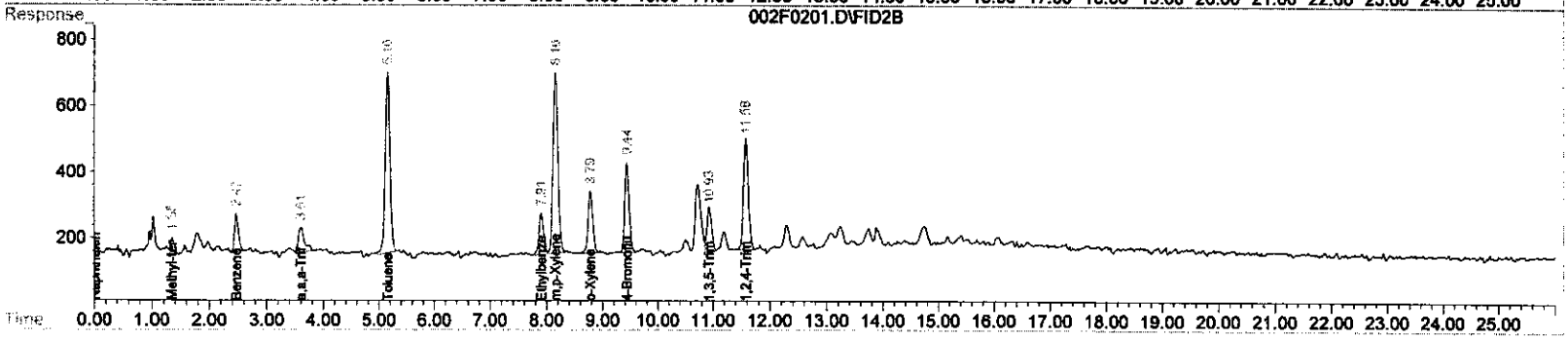
```
Data F.    : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\002F0   .D\FID1A.CH Vial: 2
Acq On     : 27-Jul-2005, 11:17:50                    Opera.  r: RG
Sample     : lcs naq,1,,2                             Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\002F0201.D\FID2B.CH Vial: 2
Acq On     : 27-Jul-05, 11:17:50                      Operator: RG
Sample     : lcs naq,1,,2                             Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:04 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\003F0301.D\FID1A.CH Vial: 3
Acq On : 27-Jul-2005, 11:50:05 Operator: RG
Sample : 1746-1060,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\003F0301.D\FID2B.CH Vial: 3
Acq On : 27-Jul-05, 11:50:05 Operator: RG
Sample : 1746-1060,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:05 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

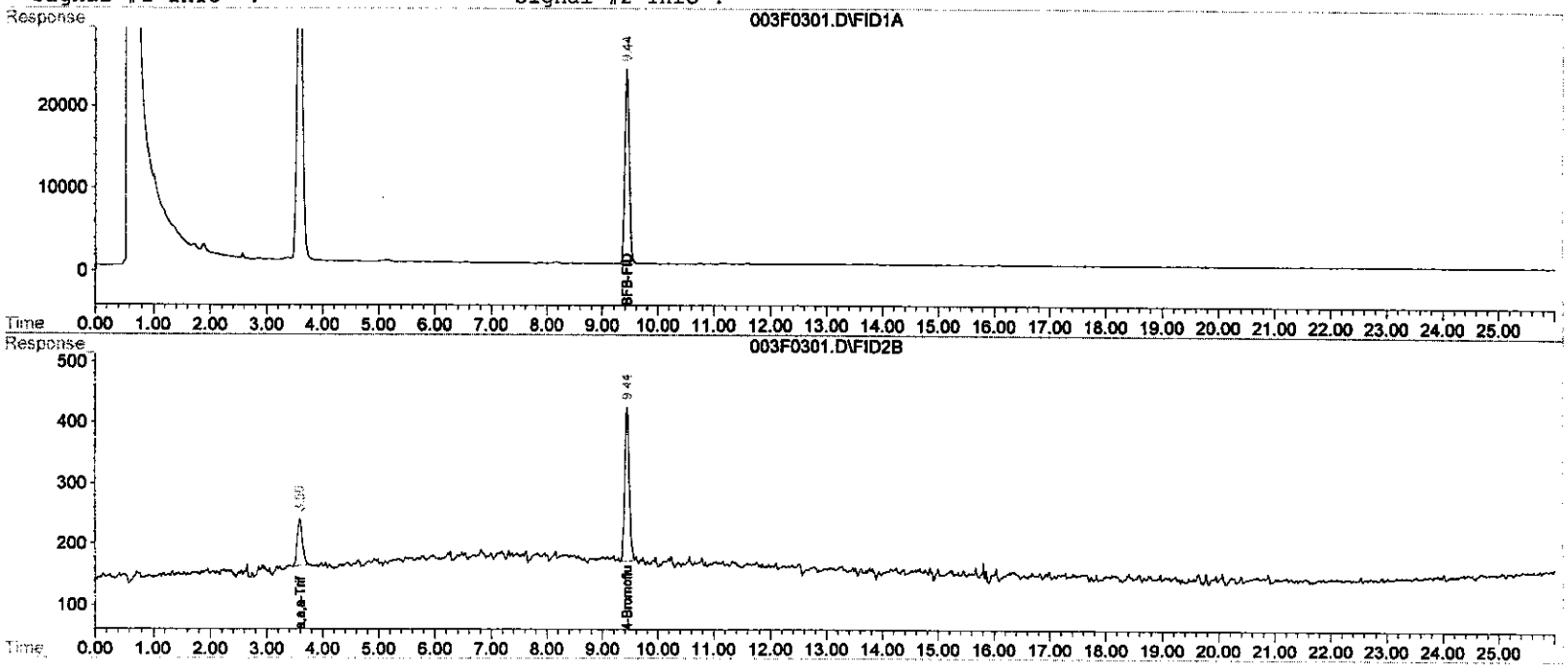
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4969	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1320019	84.473 ug/L
Spiked Amount 100.000		Recovery =	84.47%
1`` S 4-Bromofluorobenzene	9.45	14194	81.512 ug/L
: ced Amount 100.000		Recovery =	81.51%
Target Compounds			
1) H T M Gasoline	8.00	3082800	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

```
Data F:    : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\003F0.   .D\FID1A.CH Vial: 3
Acq On     : 27-Jul-2005, 11:50:05                    Opera  .r: RG
Sample     : 1746-1060,1,,                            Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\003F0301.D\FID2B.CH Vial: 3
Acq On     : 27-Jul-05, 11:50:05                      Operator: RG
Sample     : 1746-1060,1,,                            Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:05 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\004F0401.D\FID1A.CH Vial: 4
Acq On : 27-Jul-2005, 12:22:07 Operator: RG
Sample : 1746-1060ms,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\004F0401.D\FID2B.CH Vial: 4
Acq On : 27-Jul-05, 12:22:07 Operator: RG
Sample : 1746-1060ms,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:10 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

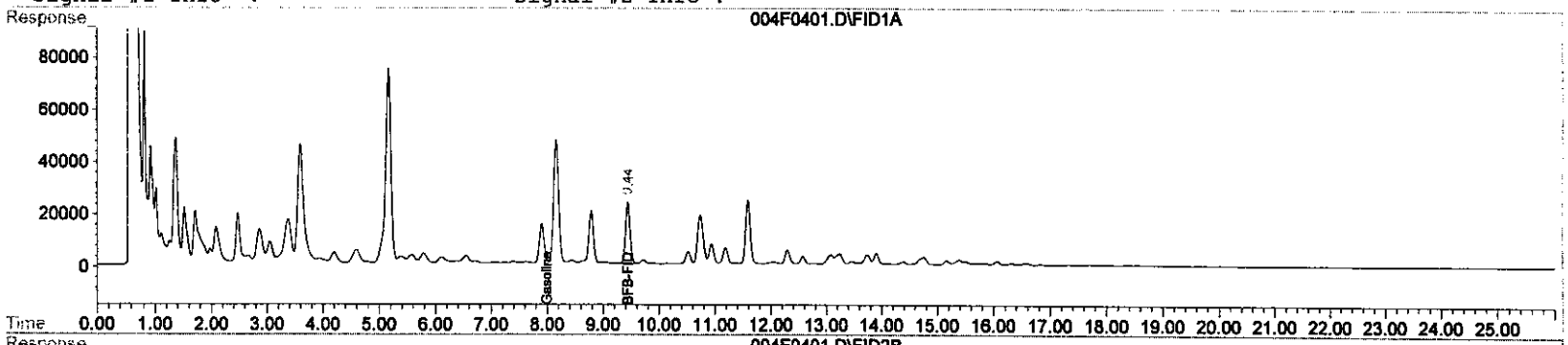
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6007	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1350148	86.407 ug/L
Spiked Amount 100.000		Recovery =	86.41%
3 S 4-Bromofluorobenzene	9.45	13995	66.473 ug/L
Spiked Amount 100.000		Recovery =	66.47%
Target Compounds			
1) H T M Gasoline	8.00	32096537	1214.333 ug/L
5) T Methyl-tert-butyl ether	1.37	1208	24.622 ug/L
6) T M Benzene	2.48	5945	26.603 ug/L
7) T M Toluene	5.17	30723	102.551 ug/L
8) T M Ethylbenzene	7.91	6685	21.116 ug/L
9) T M m,p-Xylene	8.16	30574	78.296 ug/L
10) T M o-Xylene	8.79	10557	32.800 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	7986	15.820 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	17107	45.363 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

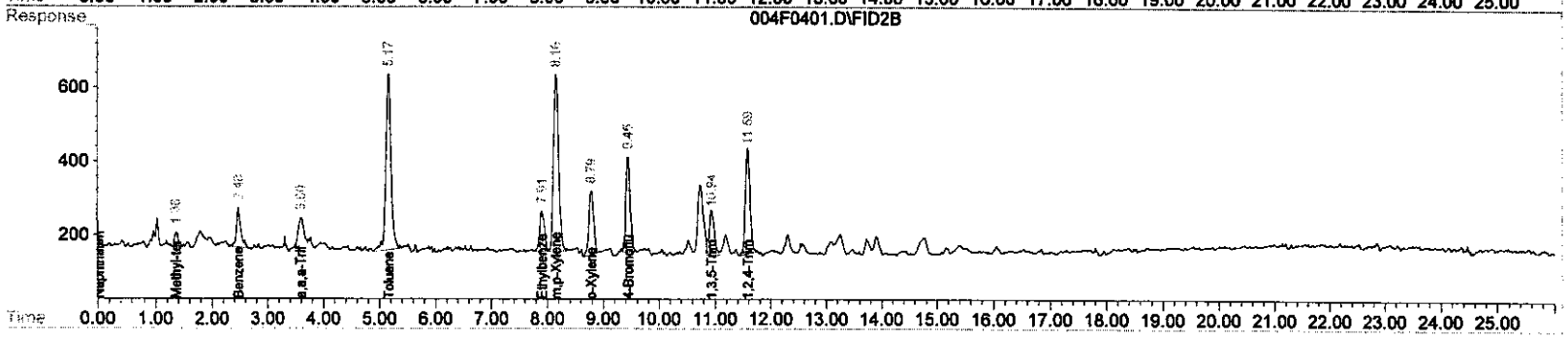
```
Data Fi    : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\004F04   D\FID1A.CH Vial: 4
Acq On     : 27-Jul-2005, 12:22:07                    Operator: RG
Sample     : 1746-1060ms,1,,3                         Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\004F0401.D\FID2B.CH Vial: 4
Acq On     : 27-Jul-05, 12:22:07                      Operator: RG
Sample     : 1746-1060ms,1,,3                         Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:10 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\005F0501.D\FID1A.CH Vial: 5
Acq On : 27-Jul-2005, 12:54:25 Operator: RG
Sample : 1746-1060sd,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\005F0501.D\FID2B.CH Vial: 5
Acq On : 27-Jul-05, 12:54:25 Operator: RG
Sample : 1746-1060sd,1,,3 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:08 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

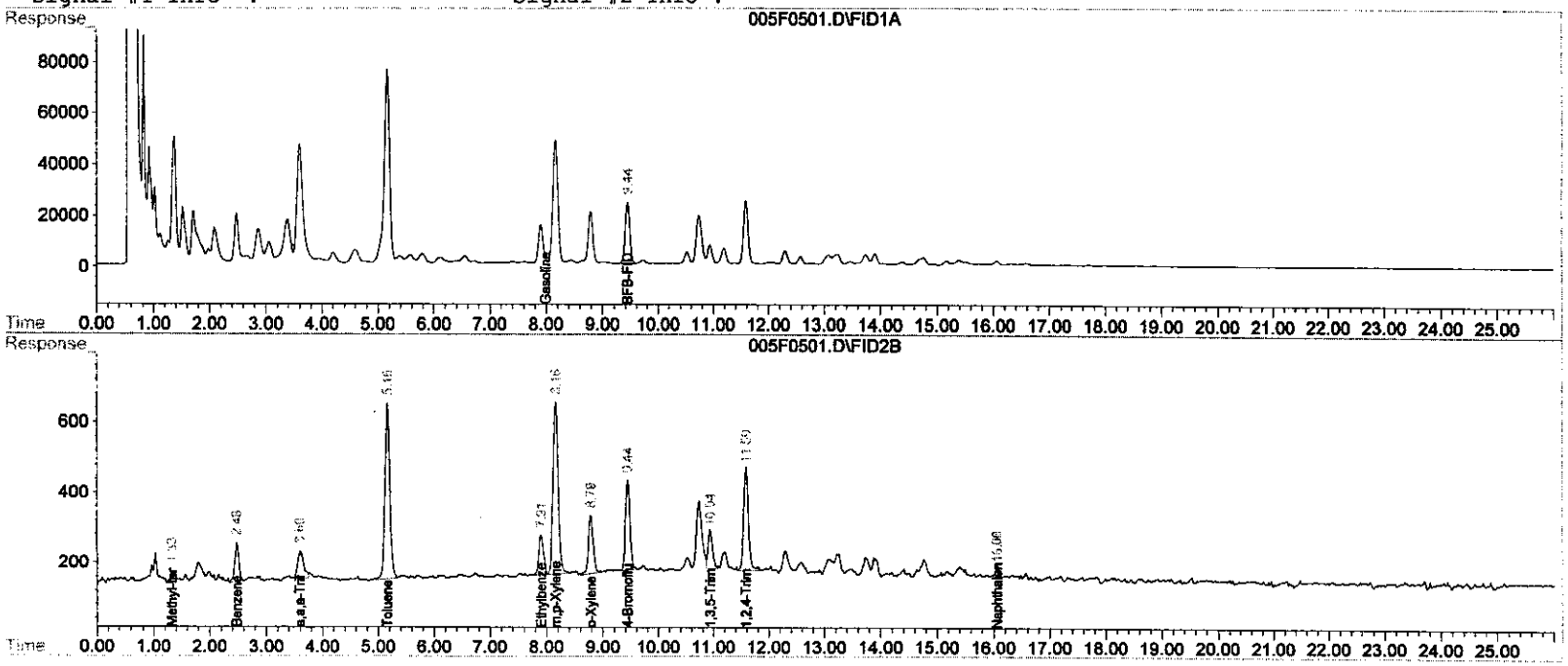
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5816	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1394418	89.249 ug/L
Spiked Amount 100.000		Recovery =	89.25%
11) S 4-Bromofluorobenzene	9.44	14370	70.492 ug/L
Spiked Amount 100.000		Recovery =	70.49%
Target Compounds			
1) H T M Gasoline	8.00	32860719	1246.491 ug/L
5) T Methyl-tert-butyl ether	1.33	551	11.339 ug/L
6) T M Benzene	2.48	5624	26.026 ug/L
7) T M Toluene	5.17	30442	104.970 ug/L
8) T M Ethylbenzene	7.91	6617	21.642 ug/L
9) T M m,p-Xylene	8.16	31105	82.401 ug/L
10) T M o-Xylene	8.79	10331	33.161 ug/L m
12) T 1,3,5-Trimethylbenzene	10.94	6294	12.878 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18199	49.952 ug/L
14) T Naphthalene	16.06	1184	9.673 ug/L

```
Data F.    : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\005F0   .D\FID1A.CH Vial: 5
Acq On     : 27-Jul-2005, 12:54:25                    Operator: RG
Sample     : 1746-1060sd,1,,3                         Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\005F0501.D\FID2B.CH Vial: 5
Acq On     : 27-Jul-05, 12:54:25                      Operator: RG
Sample     : 1746-1060sd,1,,3                         Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:08 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\010F1001.D\FID1A.CH Vial: 10
Acq On : 27-Jul-2005, 15:35:59 Operator: RG
Sample : 1770-1297,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\010F1001.D\FID2B.CH Vial: 10
Acq On : 27-Jul-05, 15:35:59 Operator: RG
Sample : 1770-1297,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

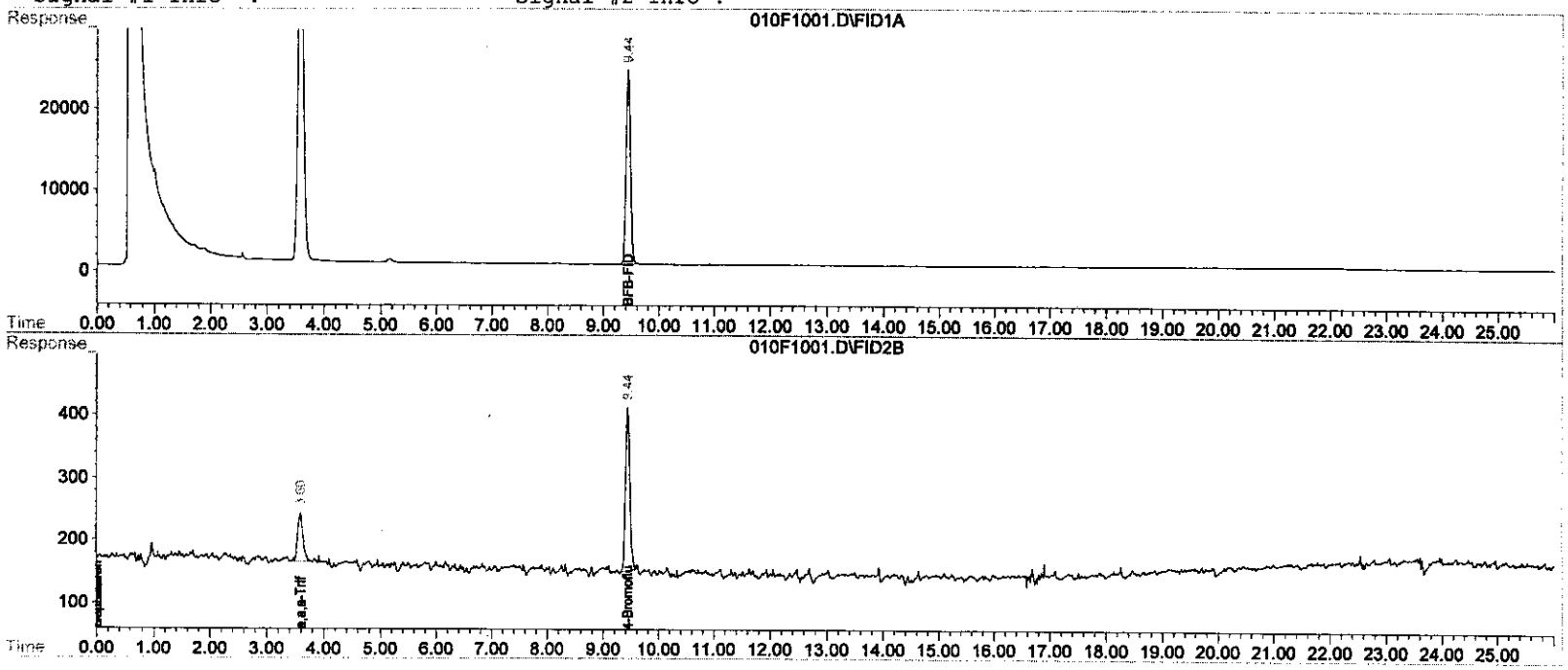
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4938	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1328386	85.010 ug/L
Spiked Amount 100.000		Recovery =	85.01%
1[illegible] S 4-Bromofluorobenzene	9.45	14610	84.423 ug/L
S ed Amount 100.000		Recovery =	84.42%
Target Compounds			
1) H T M Gasoline	8.00	2947452	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

```
Data F     : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\010F1′  .D\FID1A.CH Vial: 10
Acq On     : 27-Jul-2005, 15:35:59                    Opera  r: RG
Sample     : 1770-1297,1,,                            Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\010F1001.D\FID2B.CH Vial: 10
Acq On     : 27-Jul-05, 15:35:59                      Operator: RG
Sample     : 1770-1297,1,,                            Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:14 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\011F1101.D\FID1A.CH Vial: 11
Acq On : 27-Jul-2005, 16:08:21 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\011F1101.D\FID2B.CH Vial: 11
Acq On : 27-Jul-05, 16:08:21 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

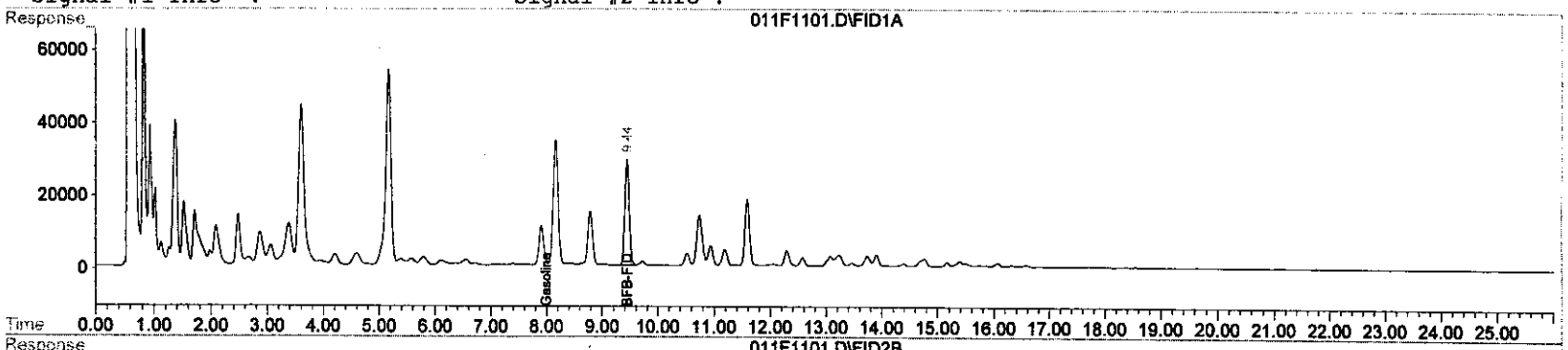
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	3984	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1620312	103.751 ug/L
Spiked Amount 100.000		Recovery =	103.75%
11) S 4-Bromofluorobenzene	9.44	18134	129.861 ug/L
Spiked Amount 100.000		Recovery =	129.86%
Target Compounds			
1) H T M Gasoline	8.00	24103491	877.974 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	4942	32.967 ug/L
7) T M Toluene	5.17	20886	105.135 ug/L
8) T M Ethylbenzene	7.90	5068	24.491 ug/L
9) T M m,p-Xylene	8.16	21605	83.588 ug/L
10) T M o-Xylene	8.79	7911	37.180 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5417	16.179 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	12424	49.777 ug/L
14) T Naphthalene	16.06	1222	12.605 ug/L

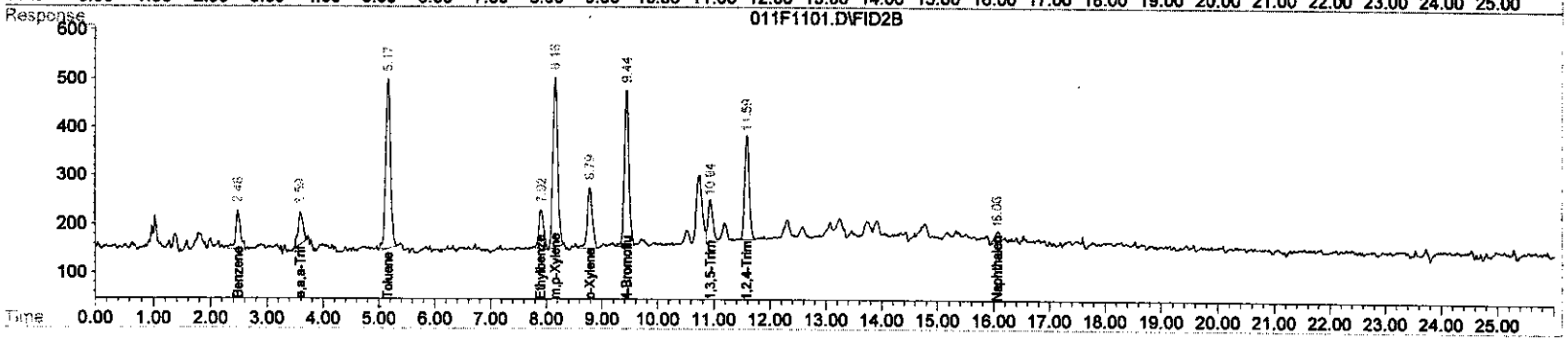
Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\011F1 .D\FID1A.CH Vial: 11
Acq On : 27-Jul-2005, 16:08:21 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\011F1101.D\FID2B.CH Vial: 11
Acq On : 27-Jul-05, 16:08:21 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\012F1201.D\FID1A.CH Vial: 12
Acq On : 27-Jul-2005, 16:40:08 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\012F1201.D\FID2B.CH Vial: 12
Acq On : 27-Jul-05, 16:40:08 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:15 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6161	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1572817	100.702 ug/L
Spiked Amount 100.000		Recovery =	100.70%
1'' S 4-Bromofluorobenzene	9.45	17727	82.102 ug/L
‹ :ed Amount 100.000		Recovery =	82.10%
Target Compounds			
1) H T M Gasoline	8.00	18860459	657.339 ug/L
5) T Methyl-tert-butyl ether	1.35	2045	40.966 ug/L
6) T M Benzene	2.48	11716	49.766 ug/L
7) T M Toluene	5.16	15058	48.490 ug/L m
8) T M Ethylbenzene	7.91	14080	45.975 ug/L
9) T M m,p-Xylene	8.17	36851	92.468 ug/L
10) T M o-Xylene	8.79	14909	45.522 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24597	47.510 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	17610	45.534 ug/L
14) T Naphthalene	16.07	9382	47.128 ug/L

```
Data F     : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\012F1   .D\FID1A.CH Vial: 12
Acq On     : 27-Jul-2005, 16:40:08                    Operator: RG
Sample     : BTEX CCV                                 Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\012F1201.D\FID2B.CH Vial: 12
Acq On     : 27-Jul-05, 16:40:08                      Operator: RG
Sample     : BTEX CCV                                 Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:15 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
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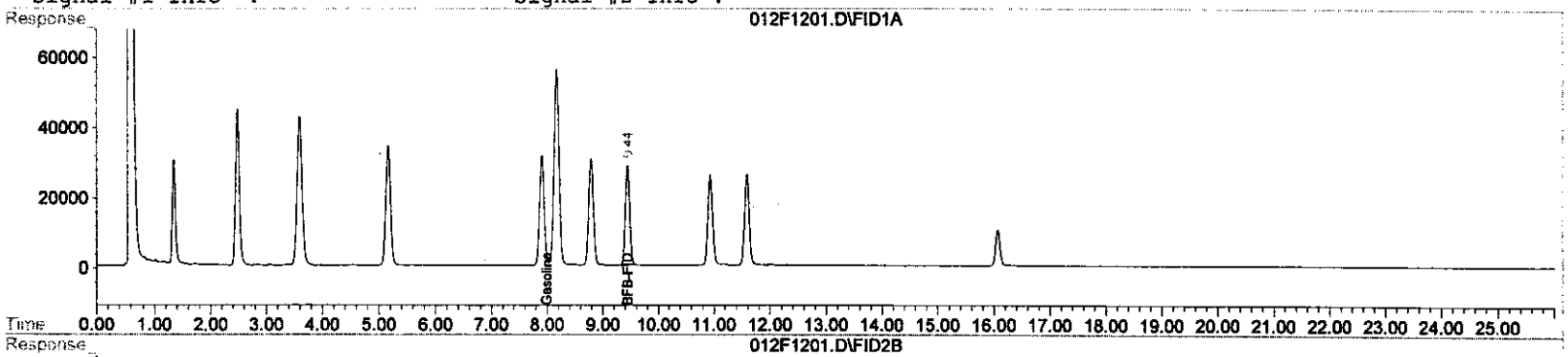
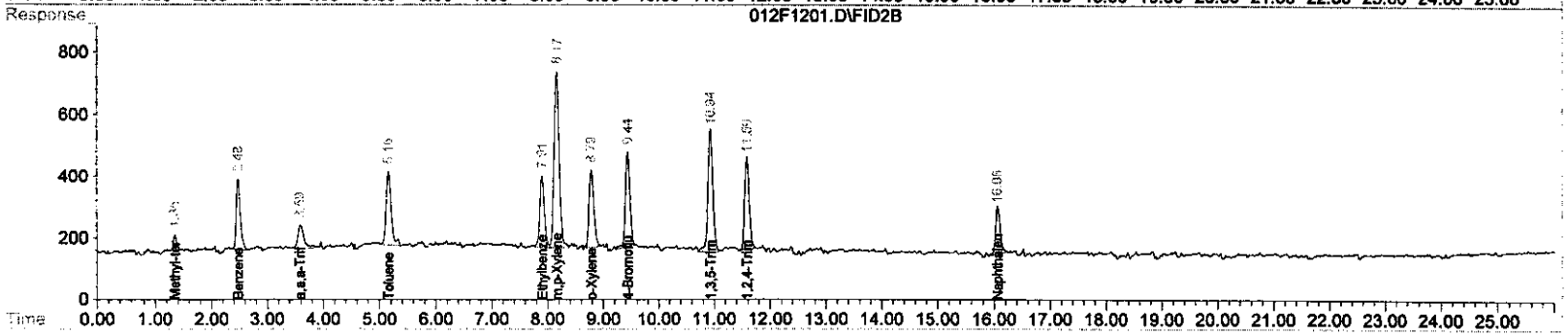




Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\013F1301.D\FID1A.CH Vial: 13
Acq On : 27-Jul-2005, 17:12:16 Operator: RG
Sample : 1770-1298,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\013F1301.D\FID2B.CH Vial: 13
Acq On : 27-Jul-05, 17:12:16 Operator: RG
Sample : 1770-1298,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

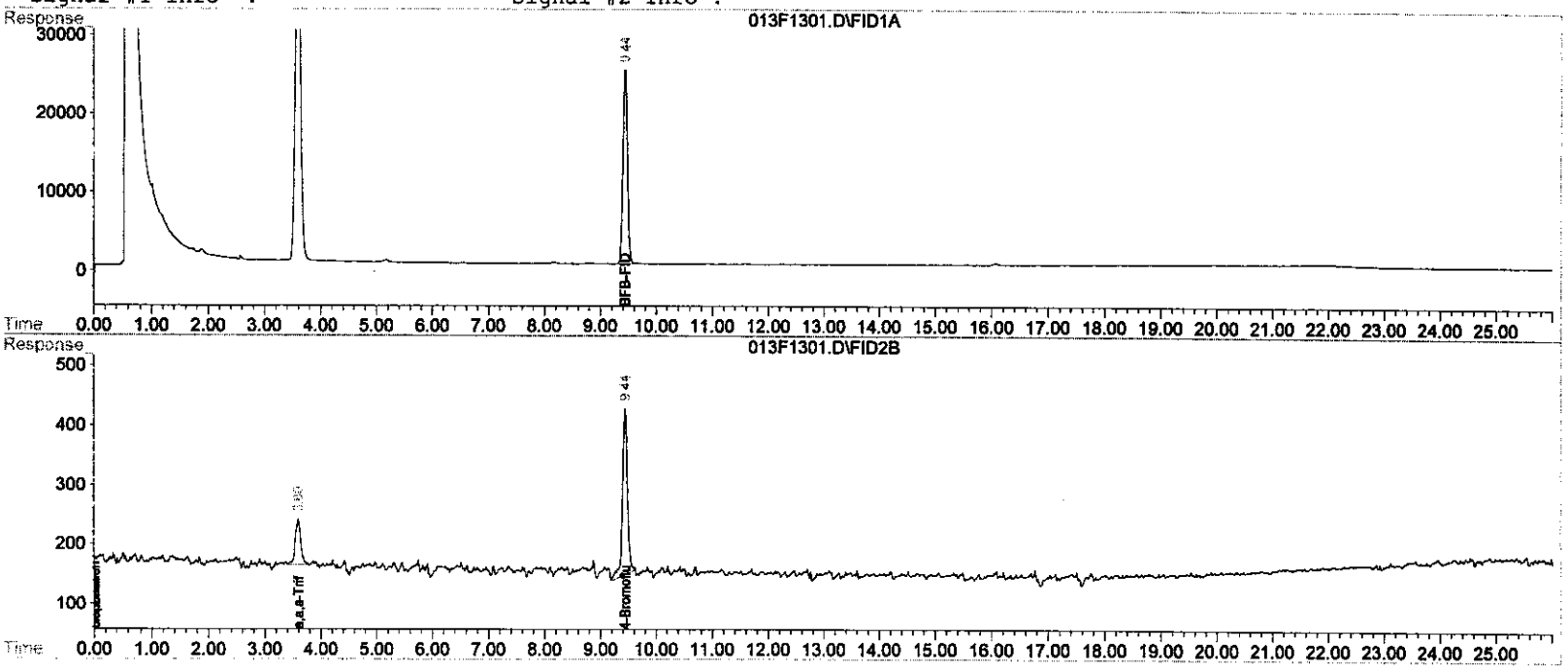
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5252	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1372975	87.872 ug/L
Spiked Amount 100.000		Recovery =	87.87%
1[illegible] S 4-Bromofluorobenzene	9.45	16958	92.134 ug/L
[illegible]ked Amount 100.000		Recovery =	92.13%
Target Compounds			
1) H T M Gasoline	8.00	2945031	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\013F1 .D\FID1A.CH Vial: 13
Acq On : 27-Jul-2005, 17:12:16 Oper or: RG
Sample : 1770-1298,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\013F1301.D\FID2B.CH Vial: 13
Acq On : 27-Jul-05, 17:12:16 Operator: RG
Sample : 1770-1298,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\014F1401.D\FID1A.CH Vial: 14
Acq On : 27-Jul-2005, 17:44:43 Operator: RG
Sample : 1770-1299,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\014F1401.D\FID2B.CH Vial: 14
Acq On : 27-Jul-05, 17:44:43 Operator: RG
Sample : 1770-1299,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.57	4892	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1420021	90.893 ug/L
Spiked Amount 100.000		Recovery =	90.89%
3) S 4-Bromofluorobenzene	9.45	15546	90.672 ug/L
Spiked Amount 100.000		Recovery =	90.67%
Target Compounds			
1) H T M Gasoline	8.00	2977486	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

```
Data F.    : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\014F1    .D\FID1A.CH Vial: 14
Acq On     : 27-Jul-2005, 17:44:43                    Operator: RG
Sample     : 1770-1299,1,,                            Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\014F1401.D\FID2B.CH Vial: 14
Acq On     : 27-Jul-05, 17:44:43                      Operator: RG
Sample     : 1770-1299,1,,                            Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:16 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
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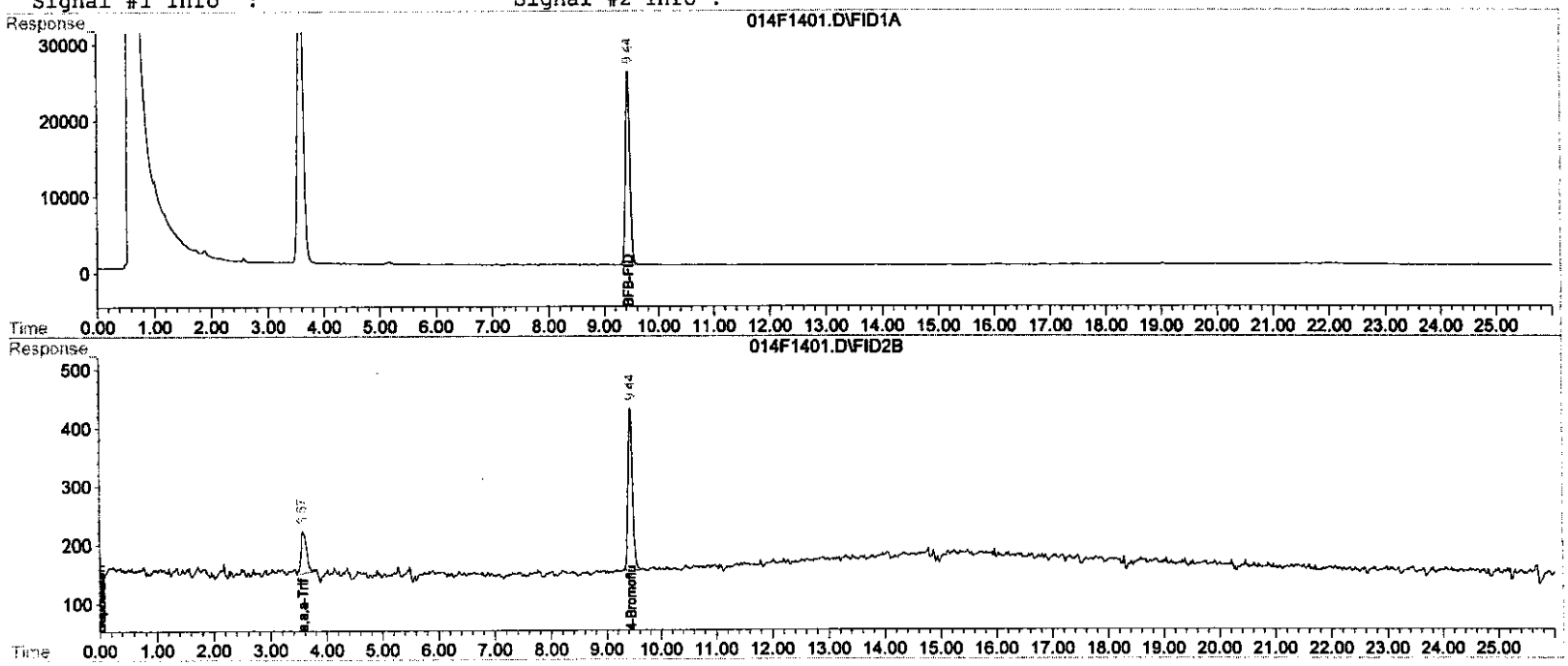

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\015F1501.D\FID1A.CH Vial: 15
Acq On : 27-Jul-2005, 18:16:24 Operator: RG
Sample : 1770-1300,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\015F1501.D\FID2B.CH Vial: 15
Acq On : 27-Jul-05, 18:16:24 Operator: RG
Sample : 1770-1300,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5579	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1274264	81.536 ug/L
Spiked Amount 100.000		Recovery =	81.54%
1'' S 4-Bromofluorobenzene	9.45	13957	71.384 ug/L
S ed Amount 100.000		Recovery =	71.38%
Target Compounds			
1) H T M Gasoline	8.00	2947924	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

```
Data F     : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\015F1[illegible].D\FID1A.CH Vial: 15
Acq On     : 27-Jul-2005, 18:16:24                    Oper[illegible]r: RG
Sample     : 1770-1300,1,,                            Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\015F1501.D\FID2B.CH Vial: 15
Acq On     : 27-Jul-05, 18:16:24                      Operator: RG
Sample     : 1770-1300,1,,                            Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:16 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
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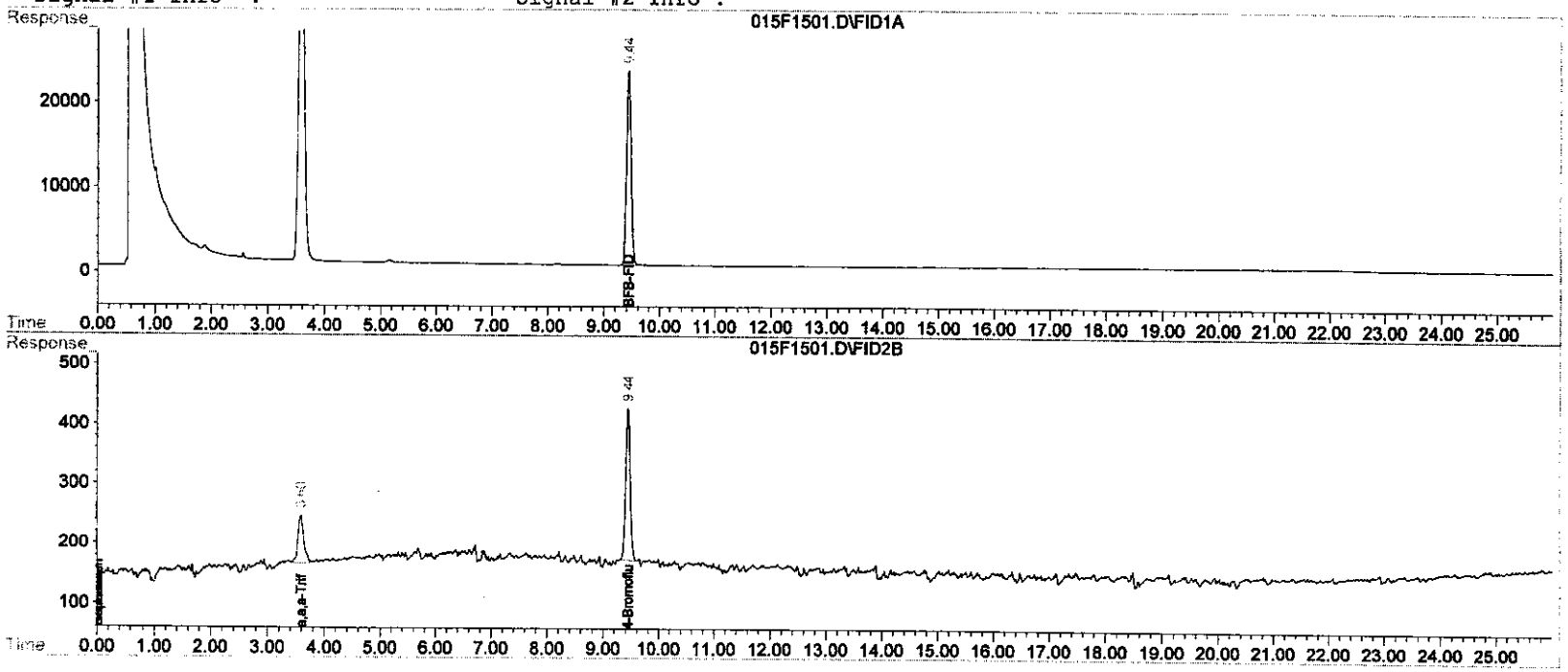


Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\016F1601.D\FID1A.CH Vial: 16
Acq On : 27-Jul-2005, 18:48:20 Operator: RG
Sample : 1770-1301,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\016F1601.D\FID2B.CH Vial: 16
Acq On : 27-Jul-05, 18:48:20 Operator: RG
Sample : 1770-1301,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

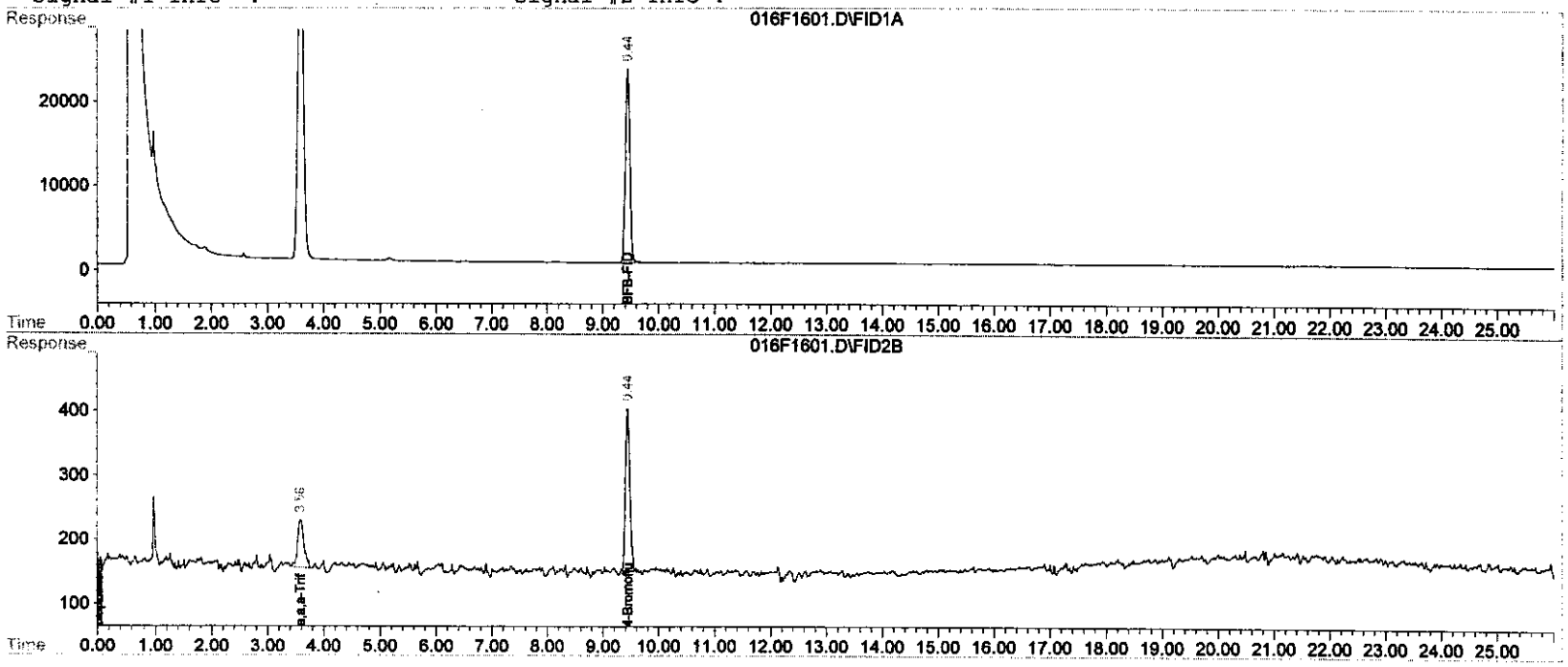
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.58	5827	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1281454	81.997 ug/L
Spiked Amount 100.000		Recovery =	82.00%
1[illegible] S 4-Bromofluorobenzene	9.44	14328	70.164 ug/L
[illegible]ed Amount 100.000		Recovery =	70.16%
Target Compounds			
1) H T M Gasoline	8.00	2948997	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\016F1 1.D\FID1A.CH Vial: 16
Acq On : 27-Jul-2005, 18:48:20 Operator: RG
Sample : 1770-1301,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\016F1601.D\FID2B.CH Vial: 16
Acq On : 27-Jul-05, 18:48:20 Operator: RG
Sample : 1770-1301,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\017F1701.D\FID1A.CH Vial: 17
Acq On : 27-Jul-2005, 19:20:46 Operator: RG
Sample : 1770-1302,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\017F1701.D\FID2B.CH Vial: 17
Acq On : 27-Jul-05, 19:20:46 Operator: RG
Sample : 1770-1302,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

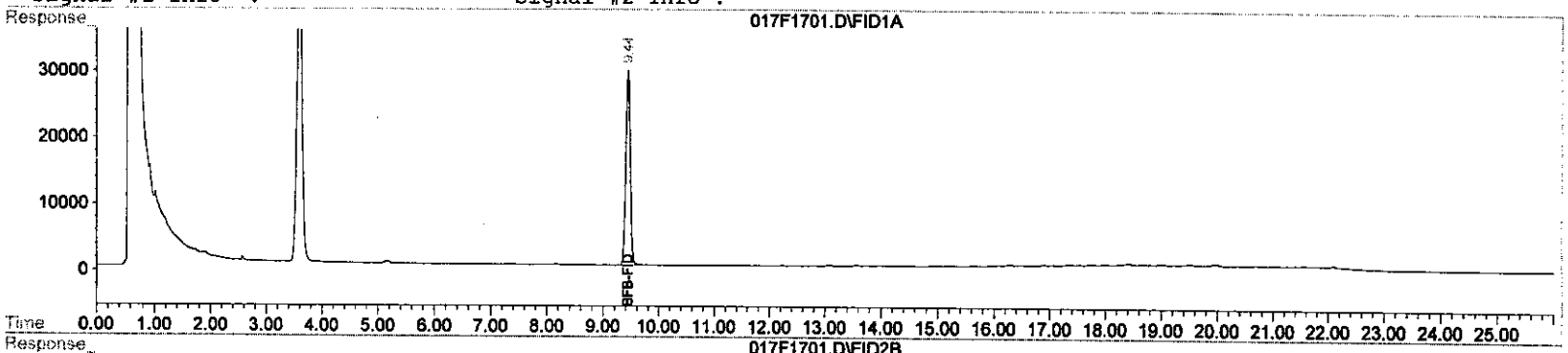
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5065	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1629218	104.322 ug/L
Spiked Amount 100.000		Recovery =	104.32%
11) S 4-Bromofluorobenzene	9.44	17586	99.078 ug/L
Spiked Amount 100.000		Recovery =	99.08%
Target Compounds			
1) H T M Gasoline	8.00	2978086	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

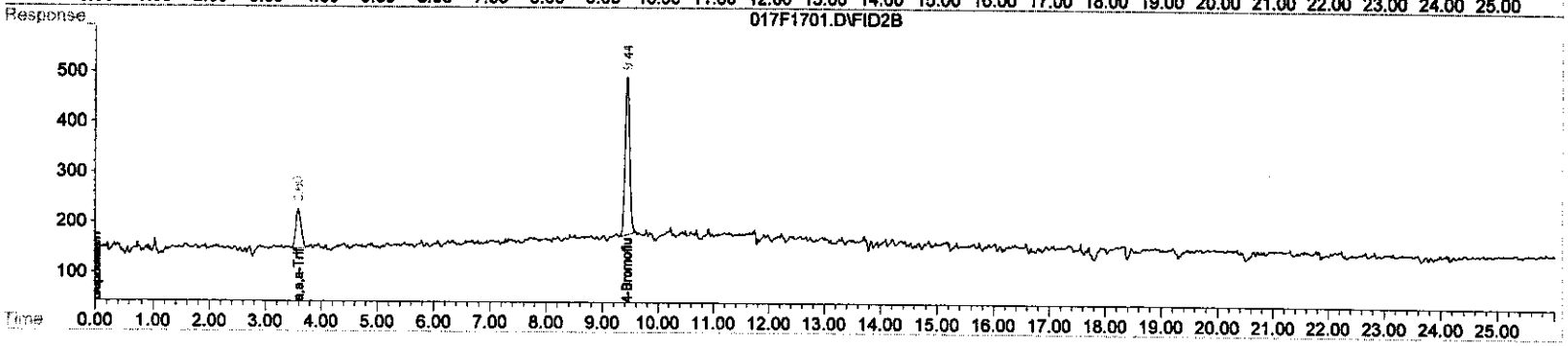
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\017F1701.D\FID1A.CH Vial: 17
Acq On : 27-Jul-2005, 19:20:46 Operator: RG
Sample : 1770-1302,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\017F1701.D\FID2B.CH Vial: 17
Acq On : 27-Jul-05, 19:20:46 Operator: RG
Sample : 1770-1302,1,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\026F0301.D\FID1A.CH Vial: 26
Acq On : 26-Jul-2005, 18:35:38 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\026F0301.D\FID2B.CH Vial: 26
Acq On : 26-Jul-05, 18:35:38 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

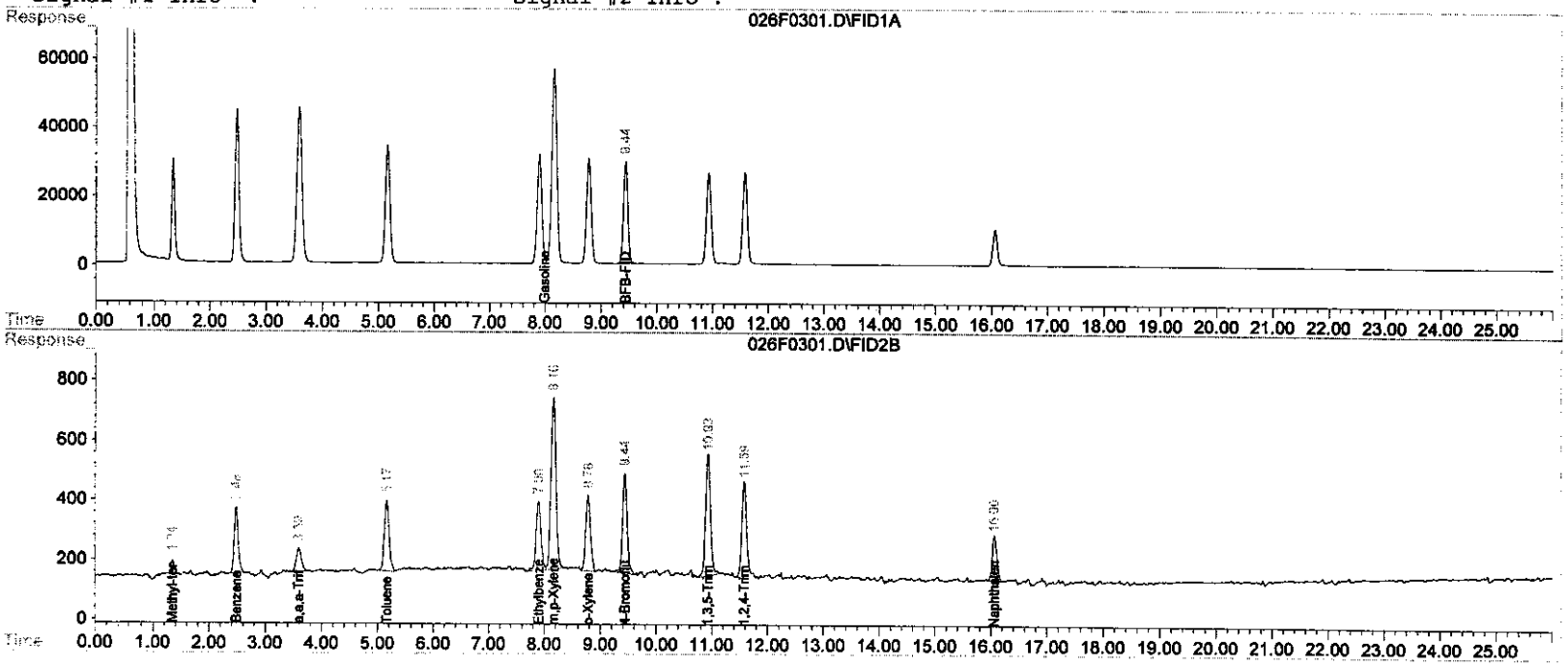
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5316	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1631820	104.489 ug/L
Spiked Amount 100.000		Recovery =	104.49%
11) S 4-Bromofluorobenzene	9.44	19372	103.977 ug/L
S ed Amount 100.000		Recovery =	103.98%
Target Compounds			
1) H T M Gasoline	8.00	19210802	672.082 ug/L
5) T Methyl-tert-butyl ether	1.34	1571	36.402 ug/L
6) T M Benzene	2.48	10810	53.112 ug/L
7) T M Toluene	5.16	14596	54.595 ug/L
8) T M Ethylbenzene	7.90	14515	55.411 ug/L
9) T M m,p-Xylene	8.17	36619	106.878 ug/L
10) T M o-Xylene	8.78	15154	53.793 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	24828	55.578 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18612	56.029 ug/L
14) T Naphthalene	16.06	8635	50.007 ug/L

Data F : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\026F0 .D\FID1A.CH Vial: 26
Acq On : 26-Jul-2005, 18:35:38 Oper or: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\026F0301.D\FID2B.CH Vial: 26
Acq On : 26-Jul-05, 18:35:38 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\030F0701.D\FID1A.CH Vial: 30
Acq On : 26-Jul-2005, 20:45:04 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\030F0701.D\FID2B.CH Vial: 30
Acq On : 26-Jul-05, 20:45:04 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:45 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

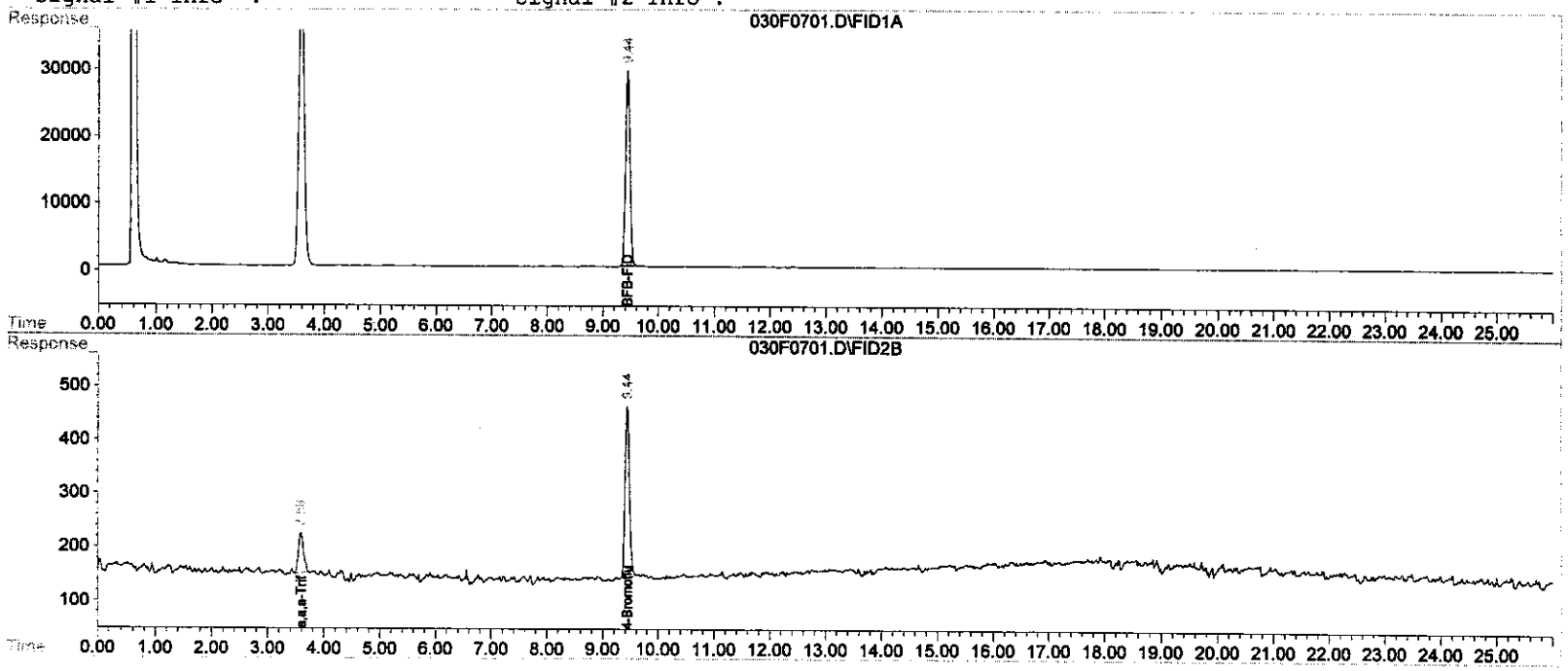
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4724	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1616488	103.505 ug/L
Spiked Amount 100.000		Recovery =	103.51%
11) S 4-Bromofluorobenzene	9.44	17498	105.696 ug/L
Spiked Amount 100.000		Recovery =	105.70%
Target Compounds			
1) H T M Gasoline	8.00	2908086	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\030F 01.D\FID1A.CH Vial: 30
Acq On : 26-Jul-2005, 20:45:04 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\030F0701.D\FID2B.CH Vial: 30
Acq On : 26-Jul-05, 20:45:04 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:45 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\031F0801.D\FID1A.CH Vial: 31
Acq On : 26-Jul-2005, 21:16:49 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\031F0801.D\FID2B.CH Vial: 31
Acq On : 26-Jul-05, 21:16:49 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:46 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5571	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1720961	110.212 ug/L
Spiked Amount 100.000		Recovery =	110.21%
11) S 4-Bromofluorobenzene	9.44	18020	92.291 ug/L
Spiked Amount 100.000		Recovery =	92.29%
Target Compounds			
1) H T M Gasoline	8.00	38045108	1464.658 ug/L
5) T Methyl-tert-butyl ether	1.34	511	10.952 ug/L
6) T M Benzene	2.48	5471	26.411 ug/L
7) T M Toluene	5.17	33237	119.790 ug/L
8) T M Ethylbenzene	7.91	7944	27.754 ug/L
9) T M m,p-Xylene	8.16	35230	97.901 ug/L
10) T M o-Xylene	8.79	11346	38.159 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8578	18.322 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20797	59.813 ug/L
14) T Naphthalene	16.06	1250	10.265 ug/L

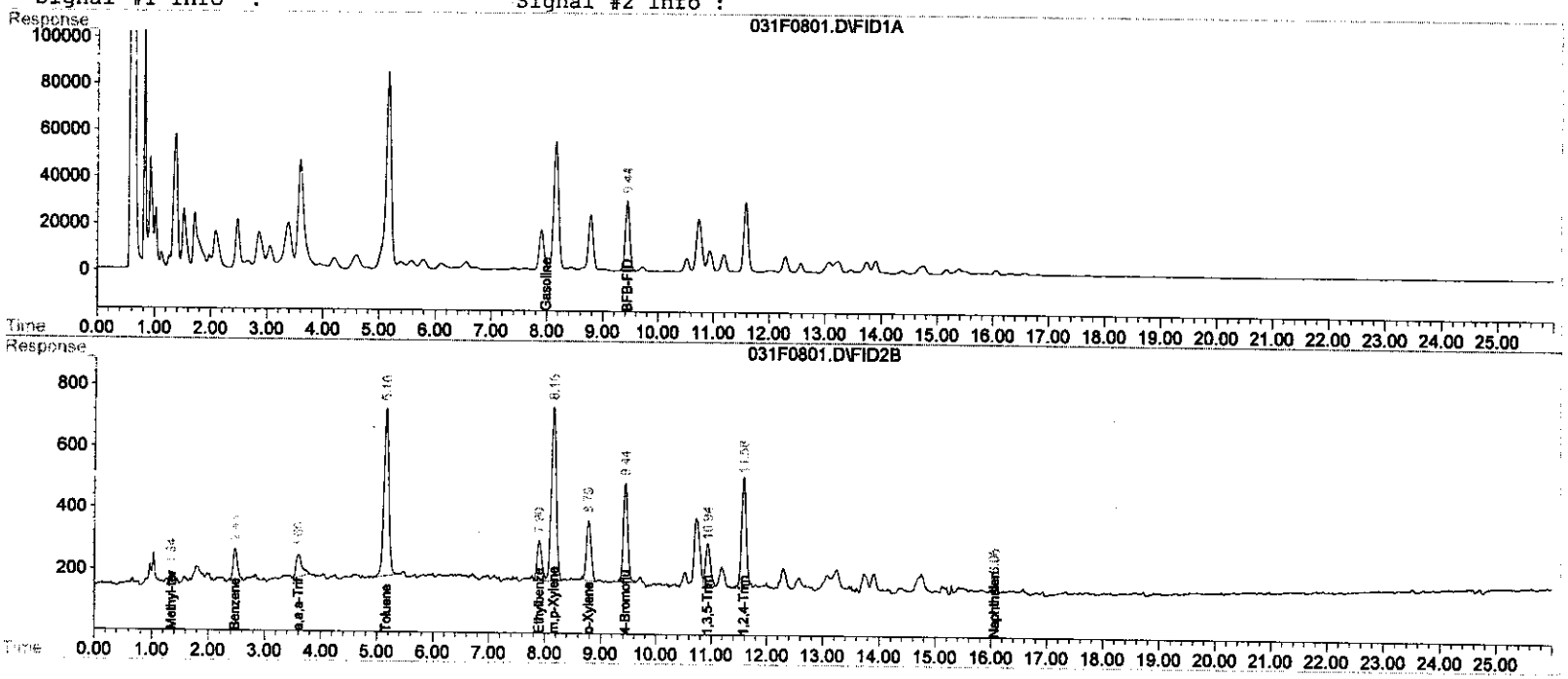
Quantitation Report

Data .e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\031F 1.D\FID1A.CH Vial: 31
Acq On : 26-Jul-2005, 21:16:49 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\031F0801.D\FID2B.CH Vial: 31
Acq On : 26-Jul-05, 21:16:49 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:46 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\032F0901.D\FID1A.CH Vial: 32
Acq On : 26-Jul-2005, 21:49:16 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\032F0901.D\FID2B.CH Vial: 32
Acq On : 26-Jul-05, 21:49:16 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 15:53 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

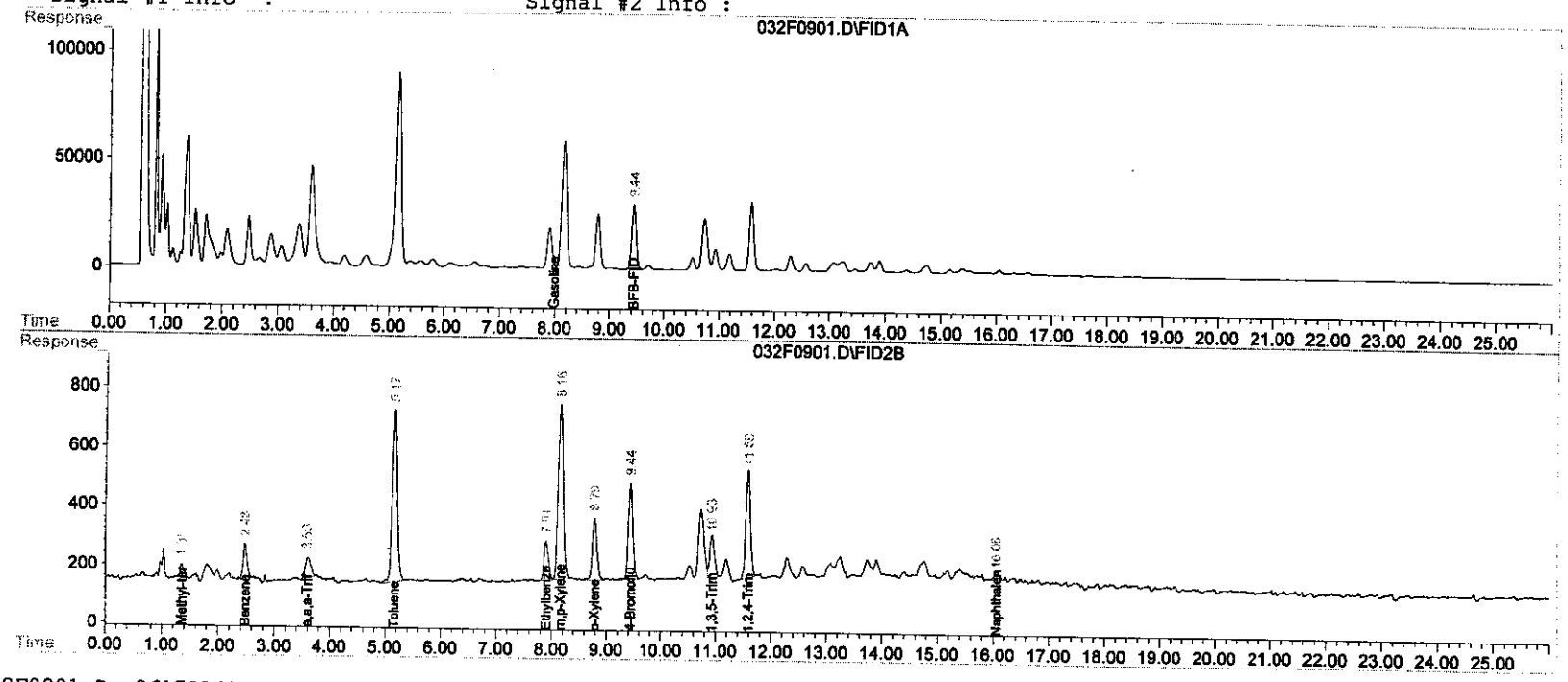
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5870	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1697528	108.708 ug/L
Spiked Amount 100.000		Recovery =	108.71%
11) S 4-Bromofluorobenzene	9.44	18799	91.380 ug/L
Spiked Amount 100.000		Recovery =	91.38%
Target Compounds			
1) H T M Gasoline	8.00	38969764	1503.569 ug/L
5) T Methyl-tert-butyl ether	1.35	1976	41.553 ug/L
6) T M Benzene	2.49	5970	27.301 ug/L
7) T M Toluene	5.17	36205	123.880 ug/L
8) T M Ethylbenzene	7.91	7728	25.433 ug/L
9) T M m,p-Xylene	8.16	37275	98.323 ug/L
10) T M o-Xylene	8.79	12943	41.394 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8313	16.852 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	21753	59.370 ug/L
14) T Naphthalene	16.06	1792	12.561 ug/L

Data le : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\032F)1.D\FID1A.CH Vial: 32
Acq t : 26-Jul-2005, 21:49:16 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\032F0901.D\FID2B.CH Vial: 32
Acq On : 26-Jul-05, 21:49:16 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 15:53 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\033F1001.D\FID1A.CH Vial: 33
Acq On : 26-Jul-2005, 22:21:26 Operator: RG
Sample : 1770-1303,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\033F1001.D\FID2B.CH Vial: 33
Acq On : 26-Jul-05, 22:21:26 Operator: RG
Sample : 1770-1303,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:48 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

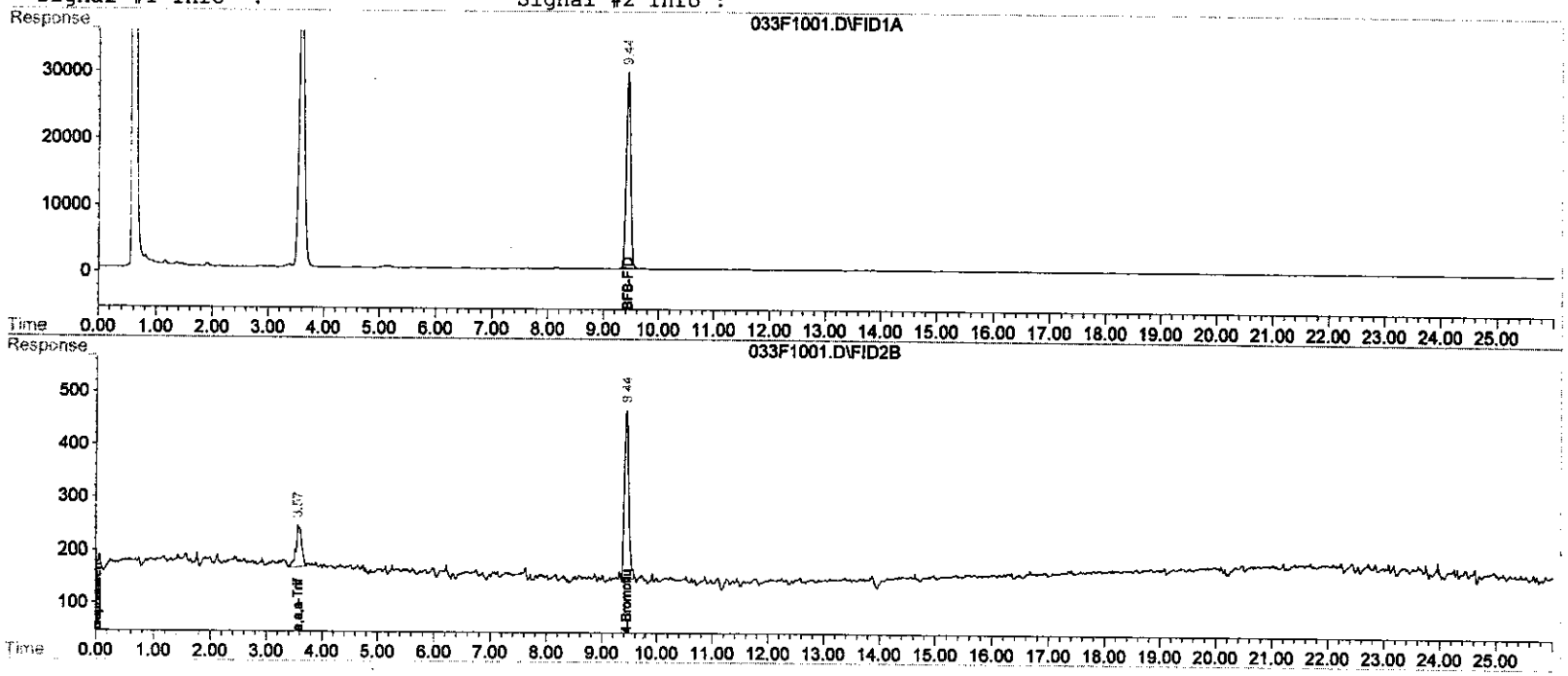
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.57	5551	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1635540	104.728 ug/L
Spiked Amount 100.000		Recovery =	104.73%
11) S 4-Bromofluorobenzene	9.44	17941	92.228 ug/L m
ked Amount 100.000		Recovery =	92.23%
Target Compounds			
1) H T M Gasoline	8.00	3089520	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Data e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\033F 1.D\FID1A.CH Vial: 33
Acq On : 26-Jul-2005, 22:21:26 Operator: RG
Sample : 1770-1303,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\033F1001.D\FID2B.CH Vial: 33
Acq On : 26-Jul-05, 22:21:26 Operator: RG
Sample : 1770-1303,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:48 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\034F1101.D\FID1A.CH Vial: 34
Acq On : 26-Jul-2005, 22:53:35 Operator: RG
Sample : 1770-1304,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\034F1101.D\FID2B.CH Vial: 34
Acq On : 26-Jul-05, 22:53:35 Operator: RG
Sample : 1770-1304,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:49 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

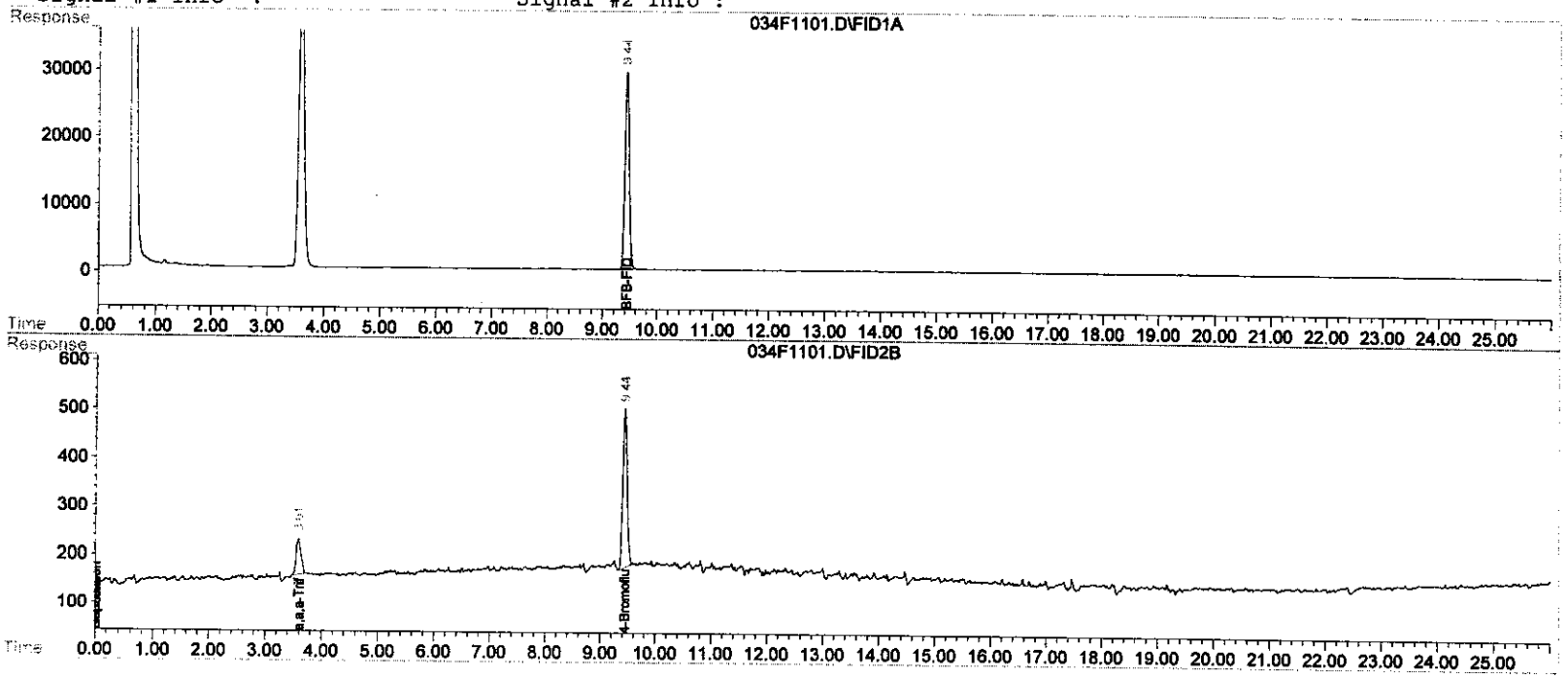
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4315	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1630369	104.396 ug/L
Spiked Amount 100.000		Recovery =	104.40%
11) S 4-Bromofluorobenzene	9.44	18205	120.396 ug/L m
Spiked Amount 100.000		Recovery =	120.40%
Target Compounds			
1) H T M Gasoline	8.00	2929095	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

Data e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\034F 1.D\FID1A.CH Vial: 34
Acq On : 26-Jul-2005, 22:53:35 Operator: RG
Sample : 1770-1304,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050726\034F1101.D\FID2B.CH Vial: 34
Acq On : 26-Jul-05, 22:53:35 Operator: RG
Sample : 1770-1304,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 27 11:49 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\023F2301.D\FID1A.CH Vial: 23
Acq On : 27-Jul-2005, 22:35:47 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\023F2301.D\FID2B.CH Vial: 23
Acq On : 27-Jul-05, 22:35:47 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

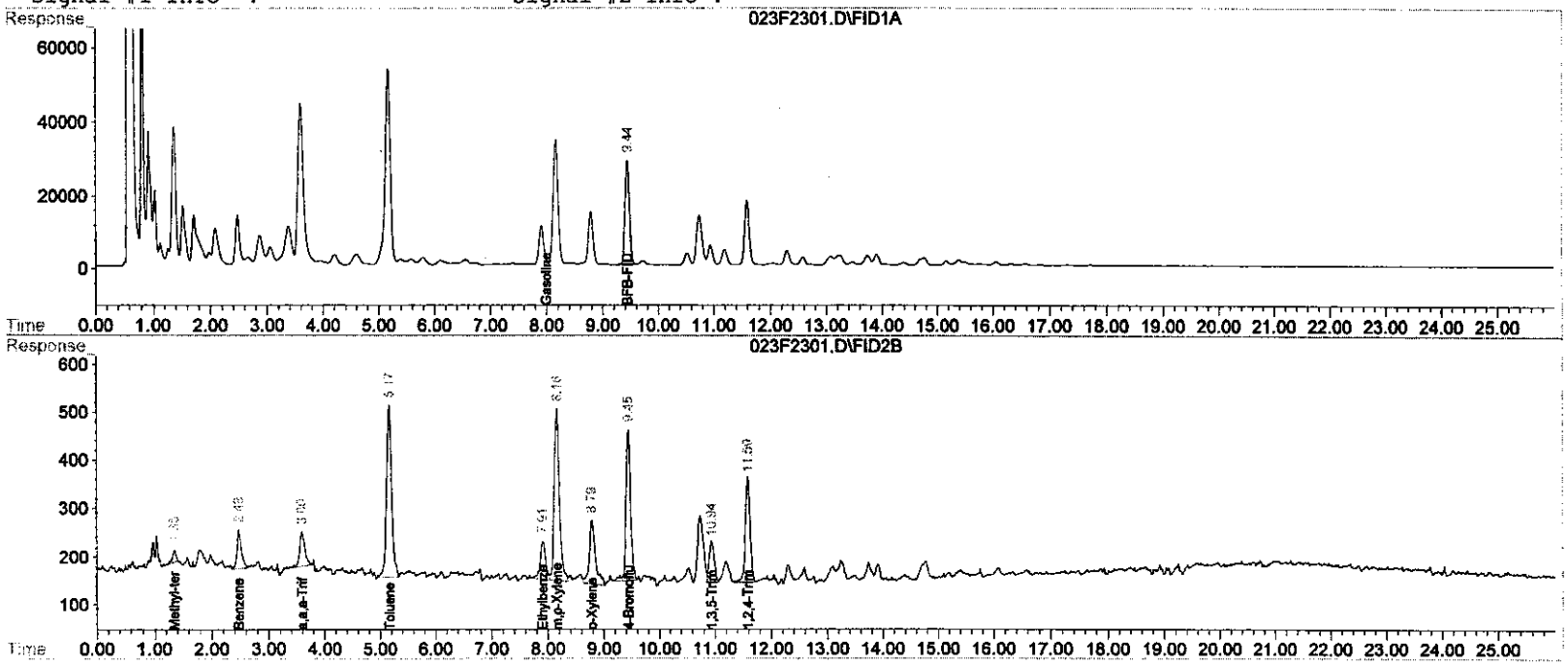
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4579	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1594325	102.082 ug/L
Spiked Amount 100.000		Recovery =	102.08%
3 S 4-Bromofluorobenzene	9.45	18127	112.954 ug/L
Spiked Amount 100.000		Recovery =	112.95%
Target Compounds			
1) H T M Gasoline	8.00	23431018	849.675 ug/L
5) T Methyl-tert-butyl ether	1.35	1086	29.133 ug/L
6) T M Benzene	2.48	4229	24.927 ug/L
7) T M Toluene	5.17	22973	100.578 ug/L
8) T M Ethylbenzene	7.91	5246	21.811 ug/L
9) T M m,p-Xylene	8.17	23236	78.057 ug/L
10) T M o-Xylene	8.79	10277	42.151 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5593	14.536 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13243	46.085 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

```
Data Fi.   : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\023F23   D\FID1A.CH Vial: 23
Acq On     : 27-Jul-2005, 22:35:47                    Operat...: RG
Sample     : GRO CCV                                  Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\023F2301.D\FID2B.CH Vial: 23
Acq On     : 27-Jul-05, 22:35:47                      Operator: RG
Sample     : GRO CCV                                  Inst     : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 28 11:19 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\024F2401.D\FID1A.CH Vial: 24
Acq On : 27-Jul-2005, 23:08:07 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\024F2401.D\FID2B.CH Vial: 24
Acq On : 27-Jul-05, 23:08:07 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

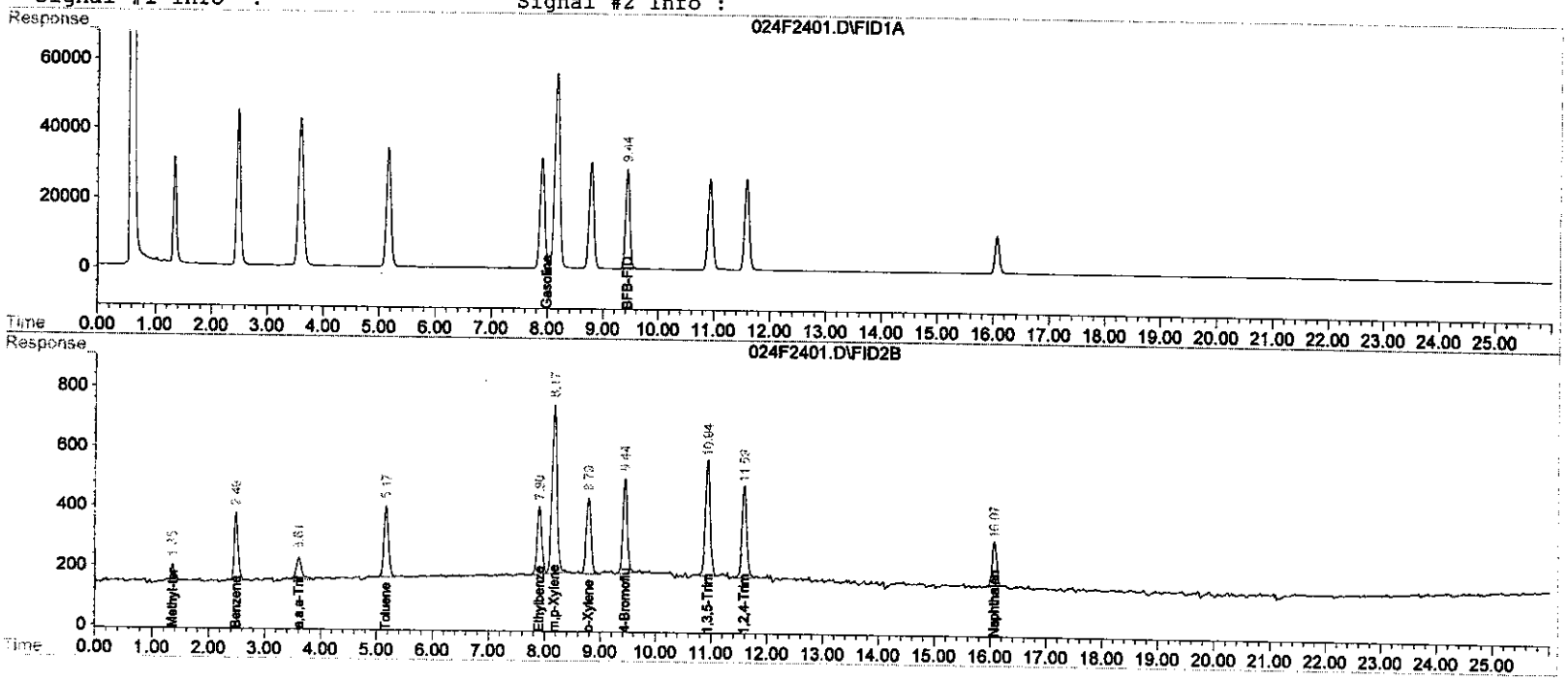
Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5352	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1568114	100.400 ug/L
Spiked Amount 100.000		Recovery =	100.40%
1 S 4-Bromofluorobenzene	9.44	17983	95.868 ug/L
Spiked Amount 100.000		Recovery =	95.87%
Target Compounds			
1) H T M Gasoline	8.00	18913276	659.561 ug/L
5) T Methyl-tert-butyl ether	1.35	1823	42.039 ug/L
6) T M Benzene	2.49	10708	52.280 ug/L
7) T M Toluene	5.17	14113	52.390 ug/L m
8) T M Ethylbenzene	7.91	13504	51.013 ug/L
9) T M m,p-Xylene	8.17	36064	104.490 ug/L
10) T M o-Xylene	8.79	15330	54.055 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23721	52.741 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18532	55.398 ug/L
14) T Naphthalene	16.07	8675	49.911 ug/L

Data Fi : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\024F24 D\FID1A.CH Vial: 24
Acq On : 27-Jul-2005, 23:08:07 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050727\024F2401.D\FID2B.CH Vial: 24
Acq On : 27-Jul-05, 23:08:07 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 28 11:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data File Name **4201037.D**
Date Acquired **26 Jul 2005 6:03**
Method File **DROFID3.M**
Sample Name **lcs 2139**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	25.82	25	103	80-144	Pass
Diesel Range Organics	1139.67	1000	114	70 - 130	Pass

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

Non-Spiked Sample: 1501010.D

	Spike Sample	Spike Duplicate Sample
File ID :	1701012.D	1801013.D
Sample :	0507-1712 ms	0507-1712 msd
Acq Time:	25 Jul 2005 19:24	25 Jul 2005 19:49

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	1.3	1000	1368	1405	137#	140#	3	20	70-130

- Fails Limit Check

050331.M Tue Jul 26 09:52:24 2005 MSAD1

NOTE:
Recoveries outside QC limits. Acceptable performance was demonstrated by the LCS.

Data File Name **2001015.D**
Date Acquired **25 Jul 2005 20:41**
Method File **DROFID3.M**
Sample Name **lcs 2140**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	26.35	25	105	80-144	Pass
Diesel Range Organics	1195.39	1000	120	70 - 130	Pass

Spike Recovery and RPD Summary Report - SOIL

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

Non-Spiked Sample: 3501030.D

	Spike Sample	Spike Duplicate Sample
File ID :	3901034.D	4001035.D
Sample :	0507-1720 ms	0507-1720 msd
Acq Time:	26 Jul 2005 4:47	26 Jul 2005 5:13

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	341.1	1000	1497	1509	116	117	1	20	70-130

- Fails Limit Check

050331.M Tue Jul 26 09:51:13 2005 MSAD1

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	DCM	N/A	N/A	0101001	1	Aqueous	1	07-25-05	[illegible]	
2		DCM			0201002	2					
3	↓	1000000	↓	↓	0301003	3		↓			
4	05-1457	0507-0841	2049	JLE1-MW-4	0401004	4		20X			
5	N/A	1000000	N/A	N/A	0501005	5	↓	1	↓	↓	
6		MB	2139		0601001	6	Aqueous	1	07-25-05	[illegible]	Re-run
7	↓	LCS		↓	0701002	7					Re-run
8	05-1770	0507-1303		EB	0801003	8					
9	↓	-1304		FB	0901004	9					
10	05-1772	-1307		TB	1001005	10					
11		-1308		FB	1101006	11					
12	↓	-1309		EB	1201007	12					
13	05-1807	-1710		TB	1301008	13					
14	↓	↓ -1711	↓	FB	1401009	14	↓	↓	↓	↓	

Surrogate ID: SUGC-1-011C LCS/MS/MSD Spike ID: SUGC-1-007A ICV/CCV Spike ID: SCSU-1-022 DCM ID: Lot. X21722

Surrogate ID: SUGC-1-011B LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

[illegible] N/A [illegible] N/A [illegible] 07-26-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1807	0507-1712	2139	EB	1501010	15	Aqueous	1	07-25-05	[illegible]	
2	N/A	1000 CCU		N/A	1601011	16					
3	05-1807	0507-1712		EB	1701012	17					LS
4	↓	↓-1712	↓	↓	1801013	18	↓				MSD
5	N/A	MB	2140	N/A	1901014	19	Soil				
6	↓	LCS		↓	2001015	20					
7	05-1770	0507-1297		FP-S-1	2101016	21					
8		-1298		FP-S-10	2201017	22					
9		-1299		FP-S-2	2301018	23					
10		-1300		FP-S-3	2401019	24					
11		-1301		FP-S-4	2501020	25					
12	↓	↓-1302		JL-S-5	2601021	26					
13	N/A	1000 CCV		N/A	2701022	27			↓		
14	05-1772	0507-1310	↓	JD-01	2801023	28	↓	↓	07-26-05	↓	

Surrogate ID: SOCL-1-011B LCS/MS/MSD Spike ID: SOCL-1-007A ICV/CCV Spike ID: SCSU-1-029 DCM ID: Lot X21929

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

[illegible] 07-26-05 N/A [illegible] 07-26-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1772	0527-1311	2140	JD-02	3901024	29	Soil	1	07-26-05	[illegible]	
2		-1312		JD-03	3001025	30					
3		-1313		JD-04	3101026	31					
4	↓	-1314		JD-05	3201027	32					
5	05-1707	-1718		JUD-06	3301028	33					
6		-1719		JUD-07	3401029	34					
7		-1720		JUD-08	3501030	35					
8		-1721		JUD-09	3601031	36					
9	↓	-1722		JUD-010	3701032	37					
10	N/A	1000 CCV		N/A	3801033	38					
11	05-1707	0527-1720		JUD-08	3901034	39					MS
12	↓	-1720	↓	↓	4001035	40	↓				MSD
13	N/A	MB	2139	N/A	4101036	41	Aqueous				Re-run possible contaminat.
14	↓	ACS	↓	↓	4201037	42	↓	↓	↓	↓	

Surrogate ID: SUG-1-011B LCS/MS/MSD Spike ID: SUG-1-007A ICV/CCV Spike ID: SCSU-1-009 DCM ID: Lot. X21929

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: ____ LCS/MS/MSD Spike ID: ____ ICV/CCV Spike ID: ____ DCM ID: ____

07-26-05 N/A 07-26-05

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	1000CCV	N/A	N/A	4501038	43	aqueous	1	07-26-05	[illegible]	
2		MB	2139		4401001	44					Re-run
3		~~1000CCV~~ MB	12		~~4501003~~ 4401003	~~4445~~					[illegible]
4	12	1000CCV	N/A	12	4501001	45	12	12	12	12	
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											[illegible] 07-26-05

Surrogate ID: SUG-1-011B LCS/MS/MSD Spike ID: SUG-1-007A ICV/CCV Spike ID: SLSD-1-022 DCM ID: Lot-X018229

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: _____ LCS/MS/MSD Spike ID: _____ ICV/CCV Spike ID: _____ DCM ID: _____

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

[illegible] 07-26-05 N/A [illegible] 07-26-05 [illegible] 07-26-05

Book # 3

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	N/A	MB	2140	07-25-05	R	9.99g	10	1	
2	↓	LCS				10.04g			
3	05-1770	0507-1297				10.09g			
4		-1298				10.05g			
5		-1299				9.91g			
6		-1300				10.02g			
7		-1301				10.07g			
8	↓	-1302				10.02g			
9	05-1772	-1310				10.00g			
10		-1311				9.99g			
11		-1312				10.00g			
12		-1313				9.94g			
13	↓	-1314				9.97g			
14	05-1807	-1718				9.99g			
15		-1719				10.08g			
16		-1720				9.99g			
17		-1721				10.01g			
18		-1722				10.03g			
19		-1720				9.99g			
20	↓	↓ -1720	↓			9.99g	↓	↓	MS
21	N/A	MB	2139			30 mL	3	10	MSD
22	↓	LCS							
24	05-1770	0507-1303							
25	↓	↓ -1304	↓	↓	↓	↓	↓	↓	

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: J.T. Baker Lot: X21828 Exp. Date: 05-08
Sodium Sulfate: Mfg: Fisher Lot: 050624 Exp. Date: 06-10
Surrogate ID: SUGC-1-011B LCS/MS/MSD ID: SUGC-1-007A

Spike witness: JC

VERIFIED AND APPROVED BY: J Caldwell

DATE: 7/25/05

07-25-05

Form # 1 / PR-O-002 / Rev. 0 / October 25, 2004

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	05-1772	0507-1307	2139	07-25-05	A	30ml	3	10	
2		-1308							
3		-1309							
4	05-1807	-1710							
5		-1711							
6		-1712							
7		-1713							
8		-1712							MS
9									MSD
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
24									
25									

AA 07-25-05

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: J.T. Baker Lot: X21828 Exp. Date: 05-08
Sodium Sulfate: Mfg: Fisher Lot: 050630 Exp. Date: 06-10
Surrogate ID: SOG-1-011B LCS/MS/MSD ID: SOG-1-007A

Spike witness: JC

VERIFIED AND APPROVED BY: J Caldwell DATE: 7/25/05

AA 07-25-05

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0501005.D Vial: 5
Acq On : 25 Jul 2005 11:39 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 15:11 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

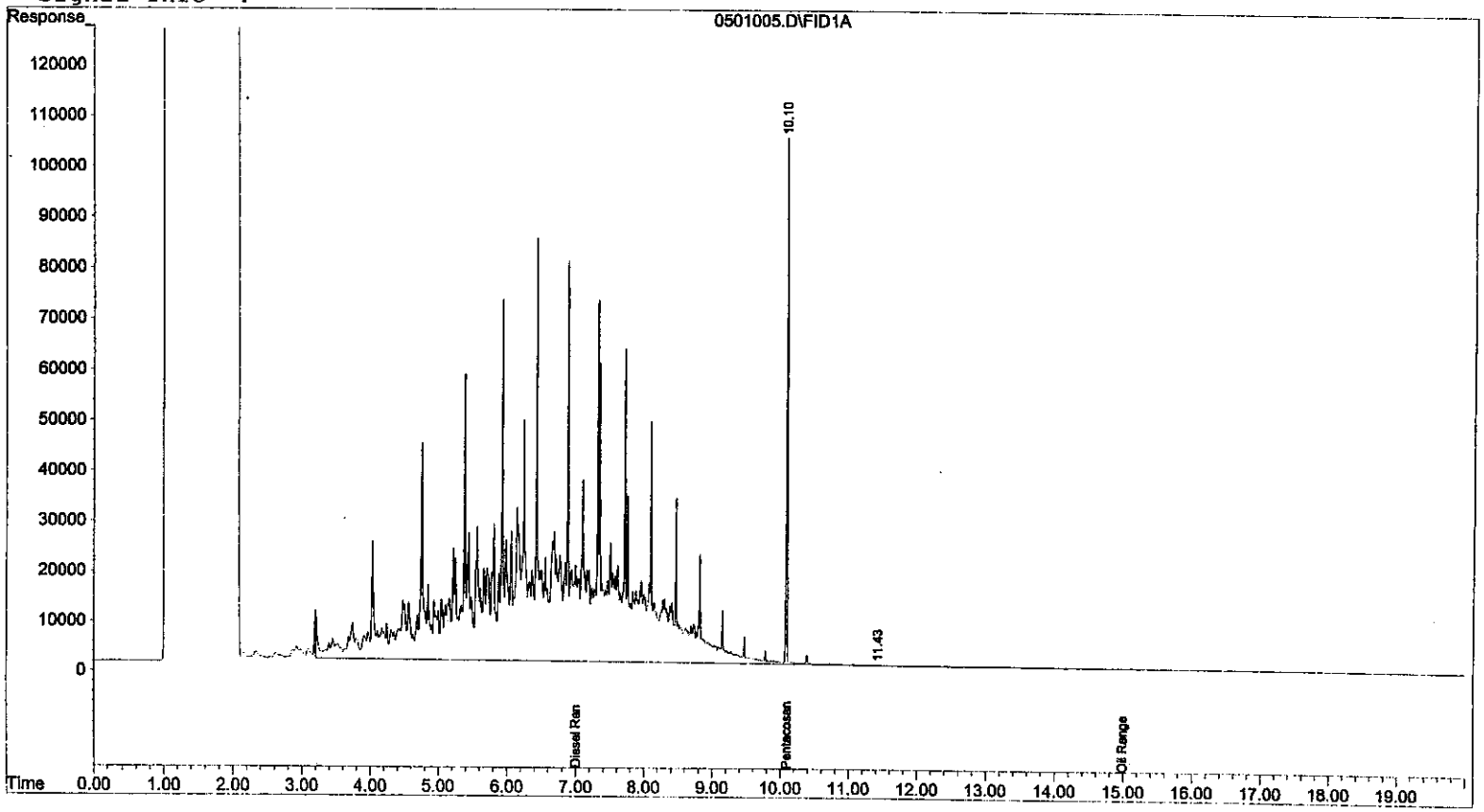
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1131399	28.330 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	113.32% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	43226907	1060.577 mg/L 106%
3) H Oil Range Organics	15.00	36614	0.898 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.
0501005.D 050331.M Mon Jul 25 14:12:16 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0501005.D Vial: 5
Acq : 25 Jul 2005 11:39 Operator: KMI
Sampl : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 15:11 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0801003.D Vial: 8
Acq On : 25 Jul 2005 15:32 Operator: KMI
Sample : 0507-1303 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 17:25 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

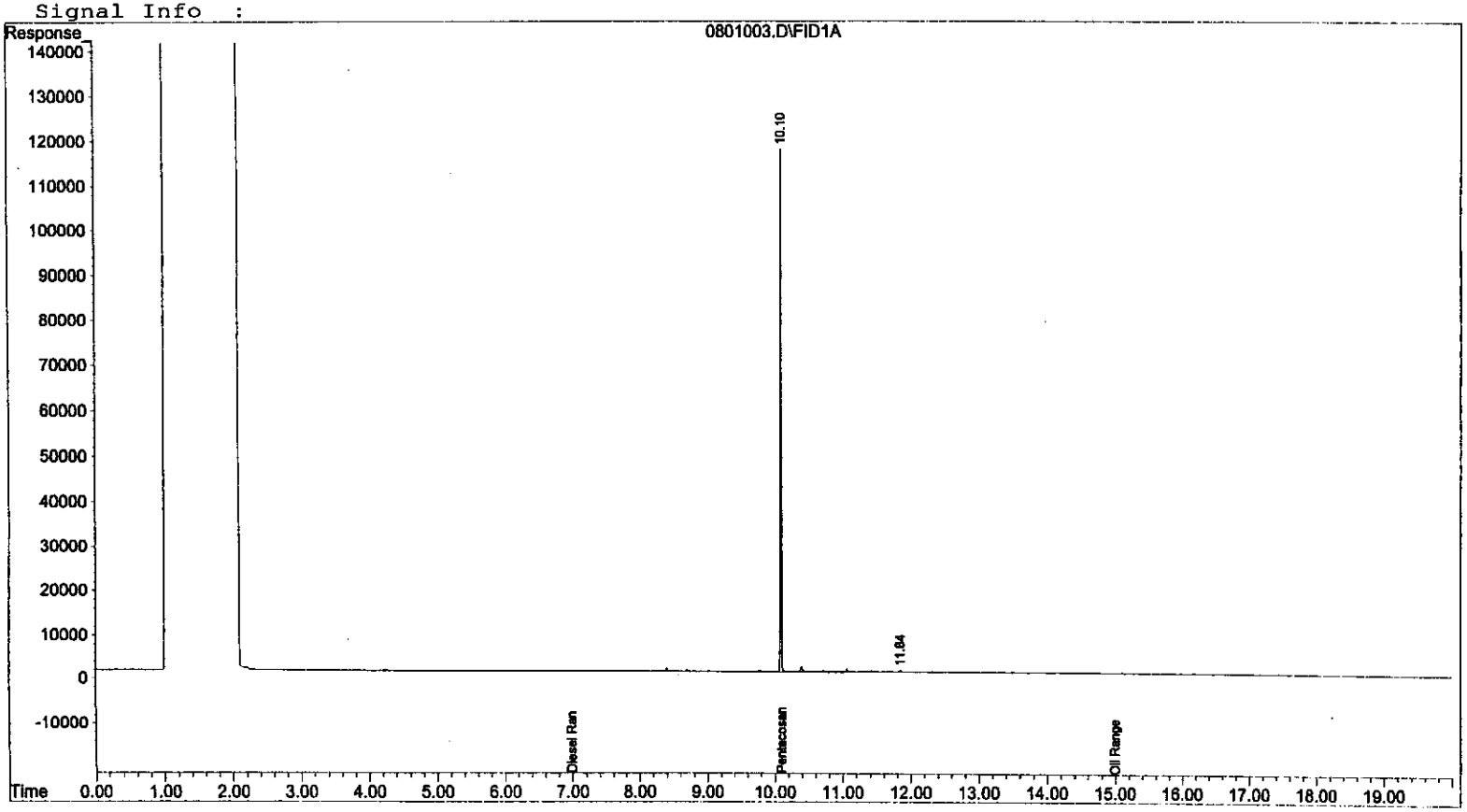
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1238432	31.010 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	124.04% 124%
Target Compounds			
2) H M Diesel Range Organics	7.00	120058	2.946 mg/L
3) H Oil Range Organics	15.00	39998	0.981 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.
0801003.D 050331.M Mon Jul 25 16:26:18 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0801003.D Vial: 8
Acq C : 25 Jul 2005 15:32 Operator: KMI
Sample : 0507-1303 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 17:25 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0901004.D Vial: 9
Acq On : 25 Jul 2005 15:57 Operator: KMI
Sample : 0507-1304 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 17:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

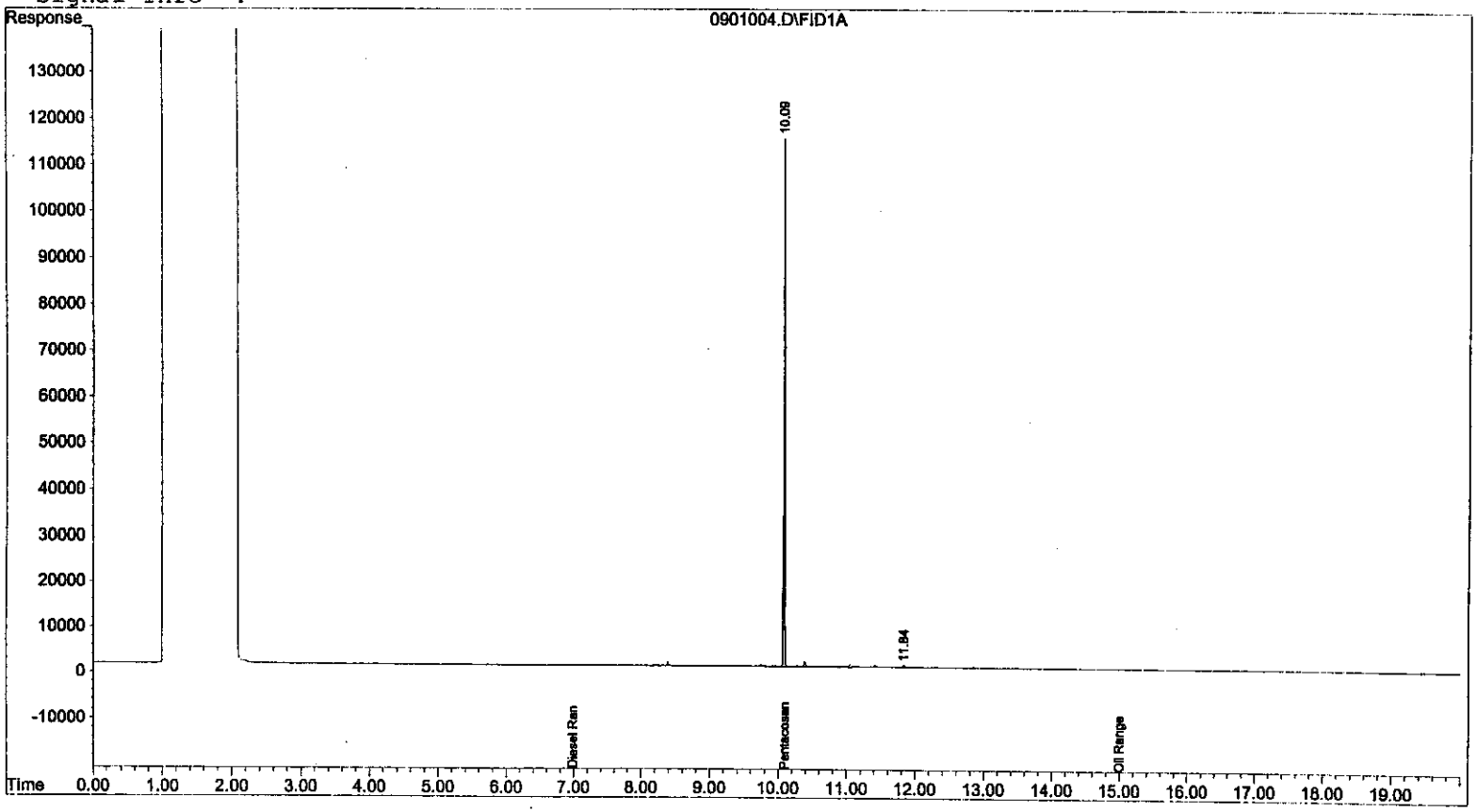
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1210545	30.311 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	121.24%
Target Compounds			
2) H M Diesel Range Organics	7.00	82103	2.014 mg/L
3) H Oil Range Organics	15.00	36357	0.892 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0901004.D Vial: 9
Acq : 25 Jul 2005 15:57 Operator: KMI
Sample : 0507-1304 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 17:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1601011.D Vial: 16
Acq On : 25 Jul 2005 18:58 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:58 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

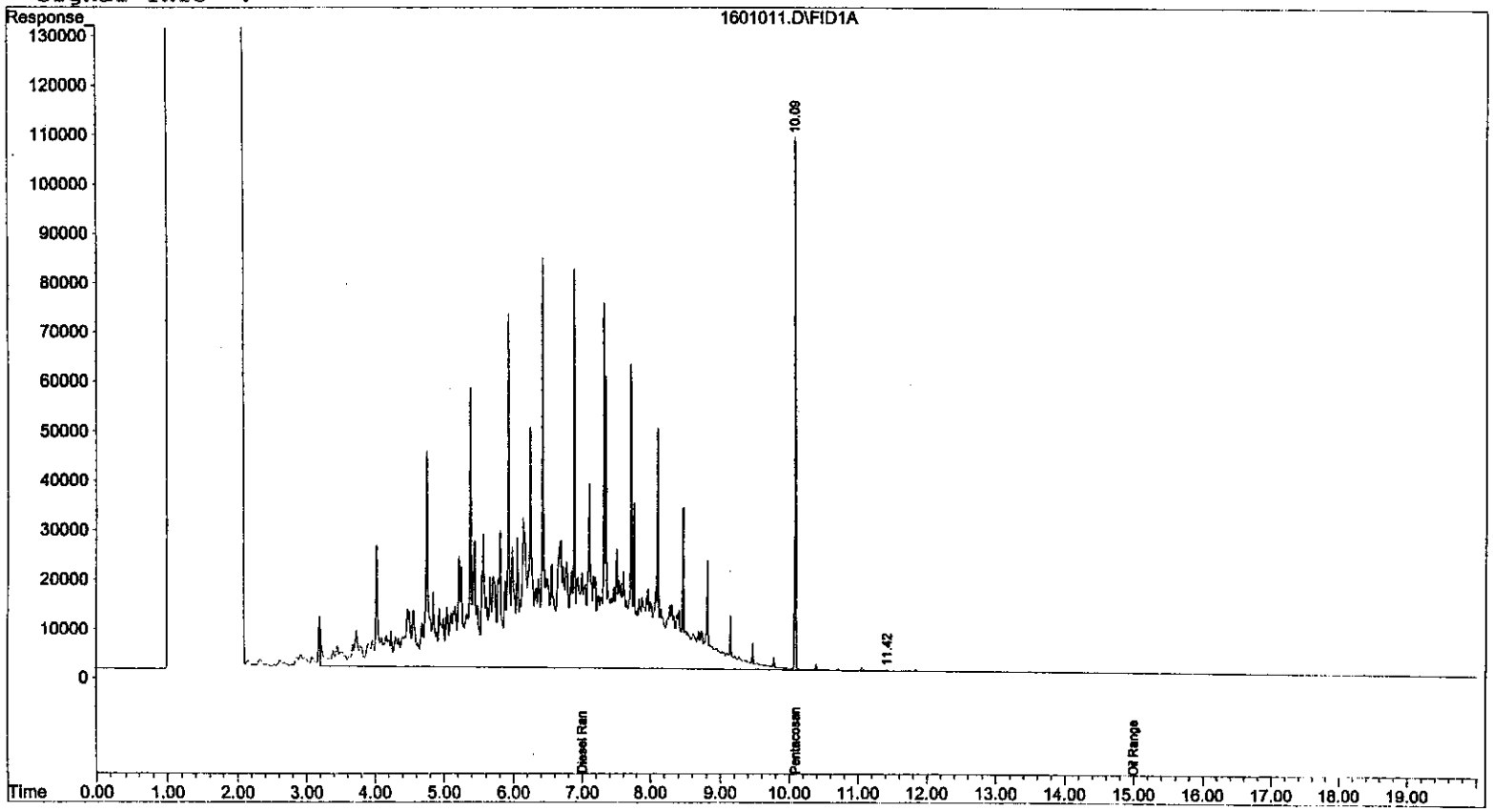
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1129883	28.292 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	113.17% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	43653366	1071.041 mg/L 107%
3) H Oil Range Organics	15.00	37434	0.918 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1601011.D Vial: 16
Acq : 25 Jul 2005 18:58 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:58 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1701012.D Vial: 17
Acq On : 25 Jul 2005 19:24 Operator: KMI
Sample : 0507-1712 ms Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

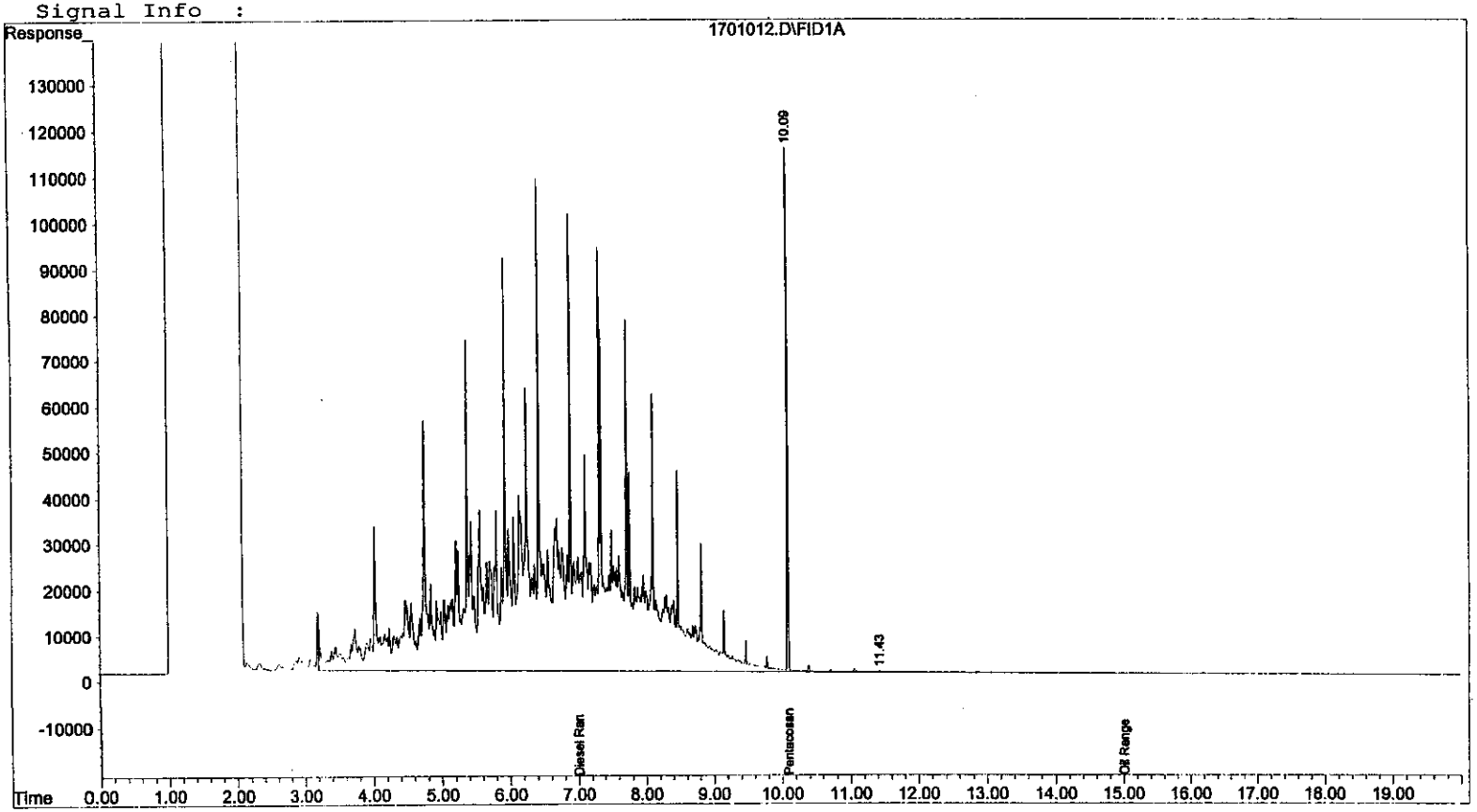
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1207597	30.238 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	120.95% 121%
Target Compounds			
2) H M Diesel Range Organics	7.00	55764942	1368.200 mg/L 137%
3) H Oil Range Organics	15.00	29140	0.715 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.
1701012.D 050331.M Tue Jul 26 07:59:10 2005 MSAD1 Page 1

Dat File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1701012.D Vial: 17
Acq : 25 Jul 2005 19:24 Operator: KMI
Sample : 0507-1712 ms Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1801013.D Vial: 18
Acq On : 25 Jul 2005 19:49 Operator: KMI
Sample : 0507-1712 msd Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In:
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

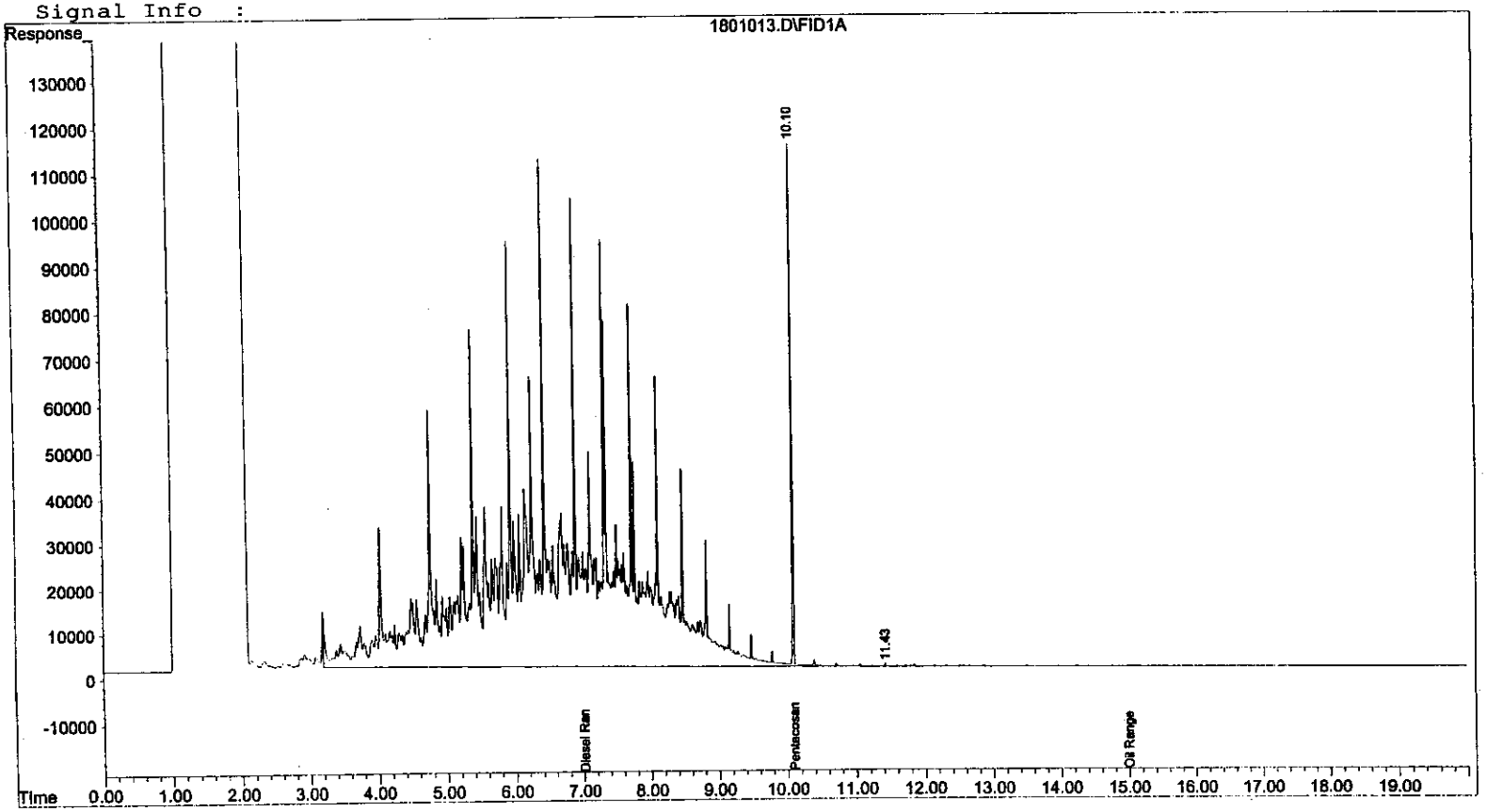
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1211565	30.337 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 121.35%	121%
Target Compounds			
2) H M Diesel Range Organics	7.00	57250634	1404.651 mg/L 140%
3) H Oil Range Organics	15.00	50401	1.237 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1801013.D Vial: 18
Acq : 25 Jul 2005 19:49 Operator: KMI
Sample : 0507-1712 msd Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1901014.D Vial: 19
Acq On : 25 Jul 2005 20:15 Operator: KMI
Sample : mb 2140 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

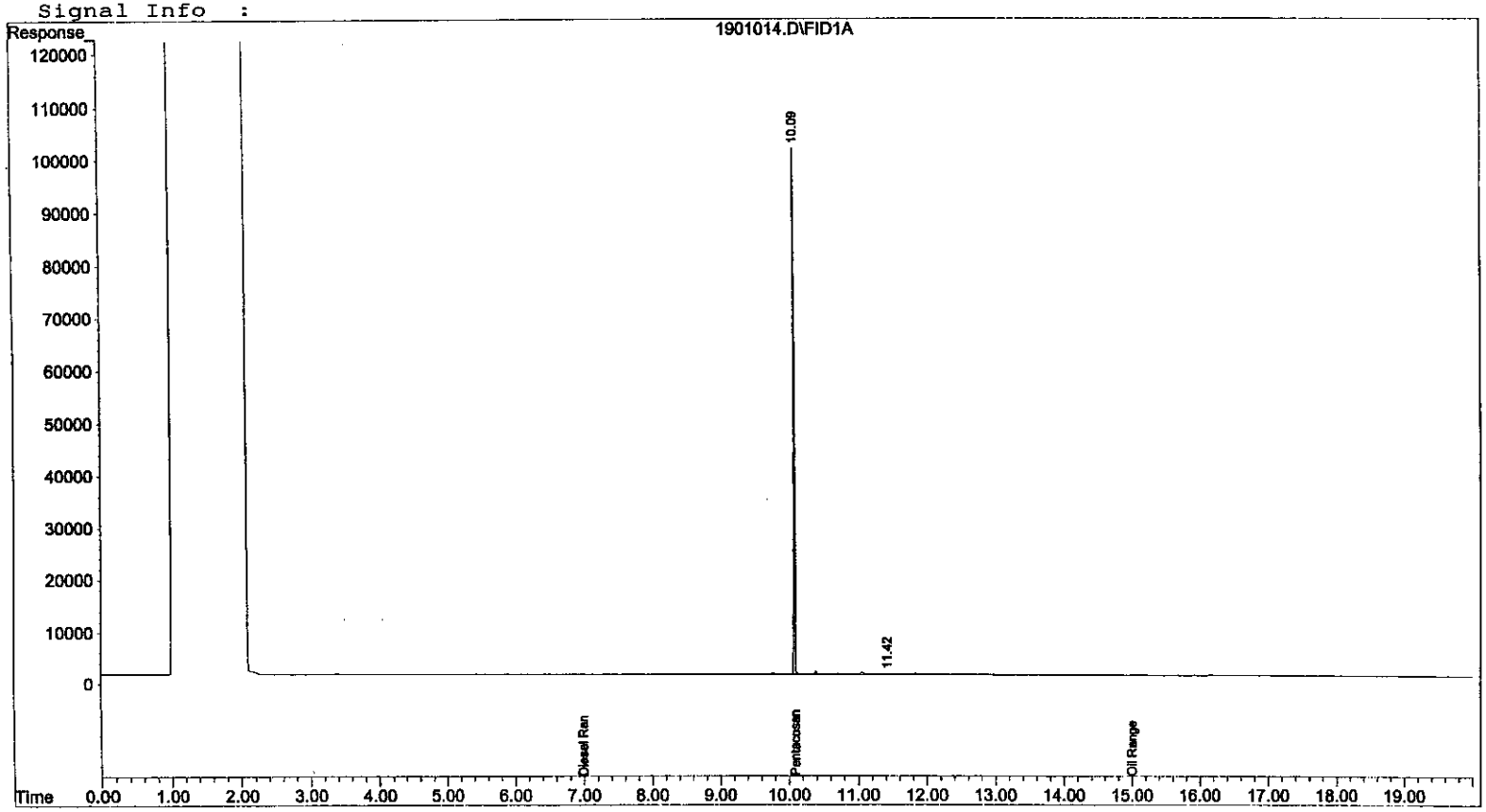
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1040142	26.045 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	104.18% 104%
Target Compounds			
2) H M Diesel Range Organics	7.00	49100	1.205 mg/L
3) H Oil Range Organics	15.00	31590	0.775 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\1901014.D Vial: 19
Acq : 25 Jul 2005 20:15 Operator: KMI
Sample : mb 2140 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2001015.D Vial: 20
Acq On : 25 Jul 2005 20:41 Operator: KMI
Sample : lcs 2140 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

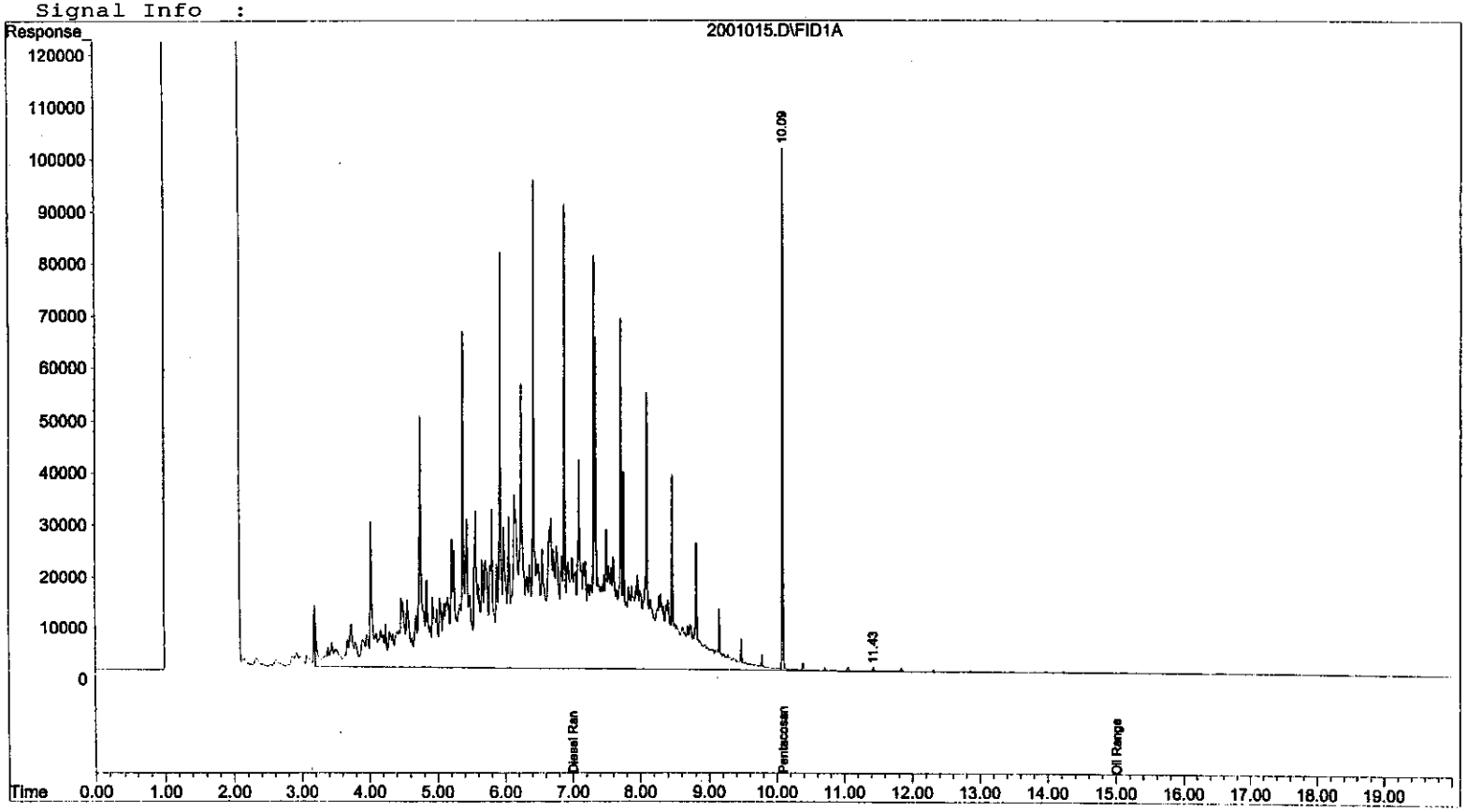
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1052166	26.346 mg/L 105%
Spiked Amount 25.000 Range 80 - 144		Recovery = 105.38%	
Target Compounds			
2) H M Diesel Range Organics	7.00	48721474	1195.387 mg/L 120%
3) H Oil Range Organics	15.00	90953	2.232 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2001015.D Vial: 20
Acq : 25 Jul 2005 20:41 Operator: KMI
Sample : lcs 2140 Inst : FID3
Misc : Soil Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 8:59 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2101016.D Vial: 21
Acq On : 25 Jul 2005 21:06 Operator: KMI
Sample : 0507-1297 Inst : FID3
Misc : FP-S-1 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1079216	27.023 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	108.09% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	587178	14.406 mg/L 14 mg/kg
3) H Oil Range Organics	15.00	432385	10.609 mg/L

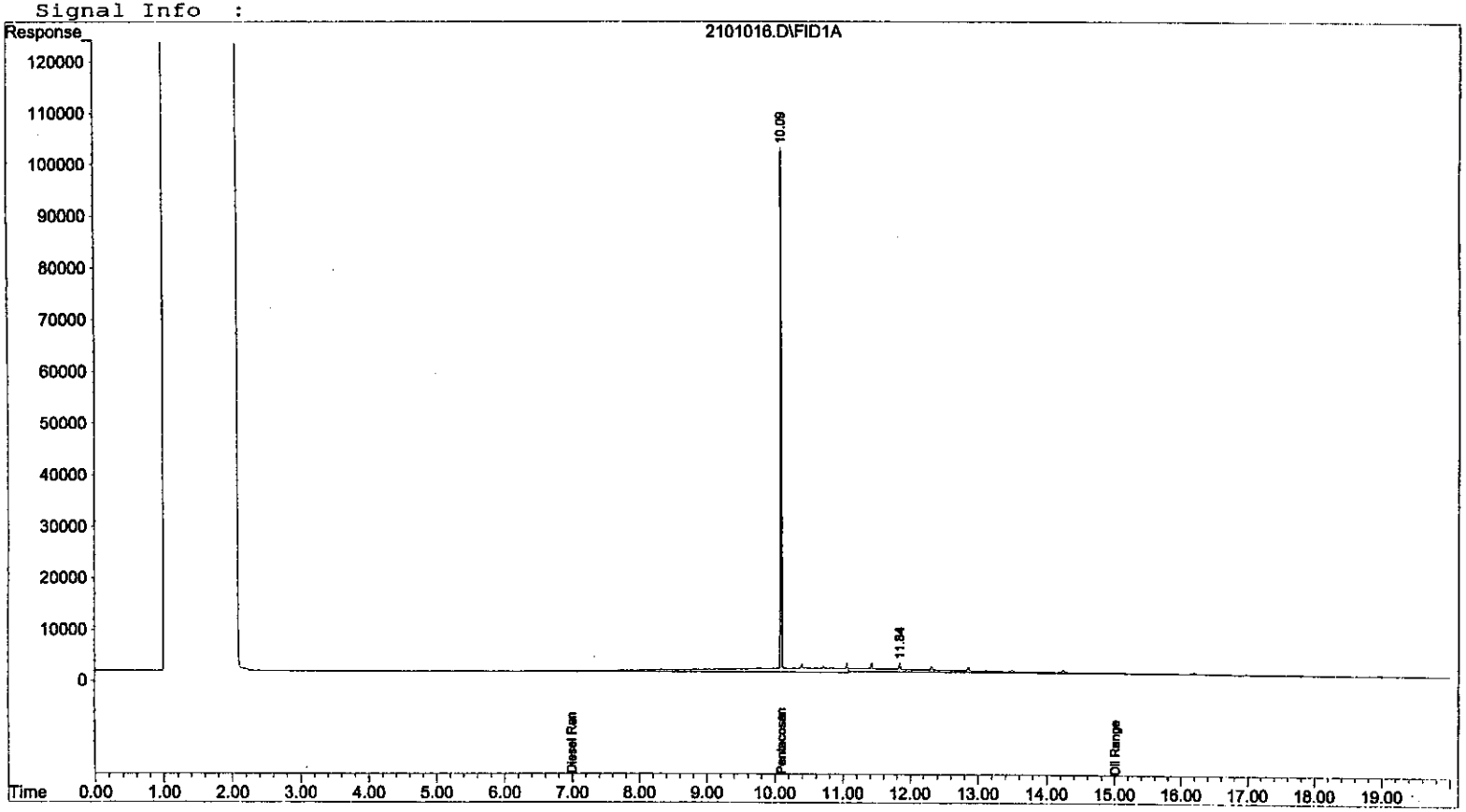
DR 07-26-05

(f)=RT Delta > 1/2 Window (m)=manual int.
2101016.D 050331.M Tue Jul 26 08:00:10 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2101016.D Vial: 21
Acq On : 25 Jul 2005 21:06 Operator: KMI
Sample : 0507-1297 Inst : FID3
Misc : FP-S-1 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2201017.D Vial: 22
Acq On : 25 Jul 2005 21:32 Operator: KMI
Sample : 0507-1298 Inst : FID3
Misc : FP-S-10 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1126432	28.205 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	112.82% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	1108722	27.203 mg/L 27 mg/kg
3) H Oil Range Organics	15.00	1040121	25.520 mg/L

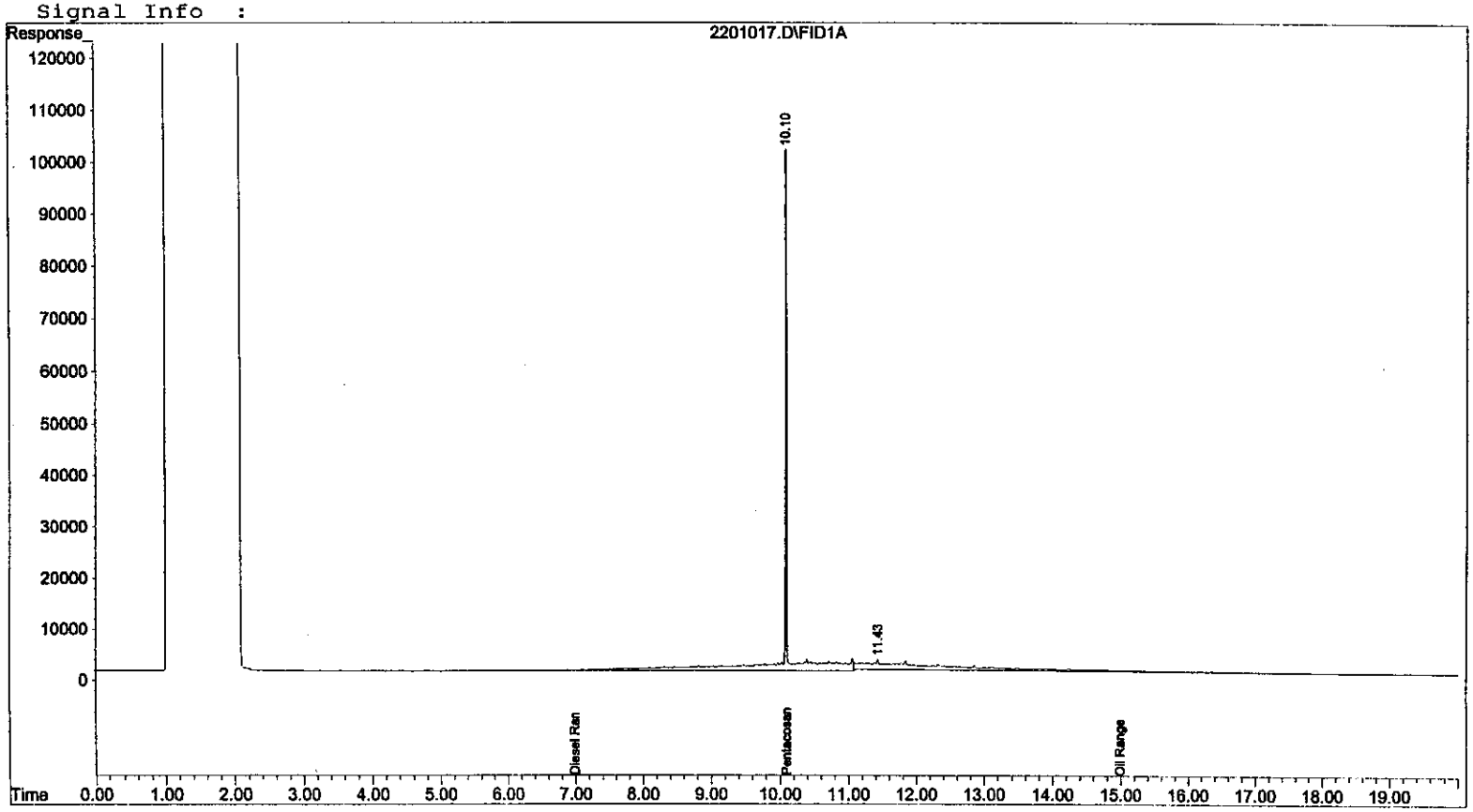
07-26-05

(f)=RT Delta > 1/2 Window (m)=manual int.
2201017.D 050331.M Tue Jul 26 08:00:27 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2201017.D Vial: 22
Acq : 25 Jul 2005 21:32 Operator: KMI
Sample : 0507-1298 Inst : FID3
Misc : FP-S-10 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2301018.D Vial: 23
Acq On : 25 Jul 2005 21:58 Operator: KMI
Sample : 0507-1299 Inst : FID3
Misc : FP-S-2 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

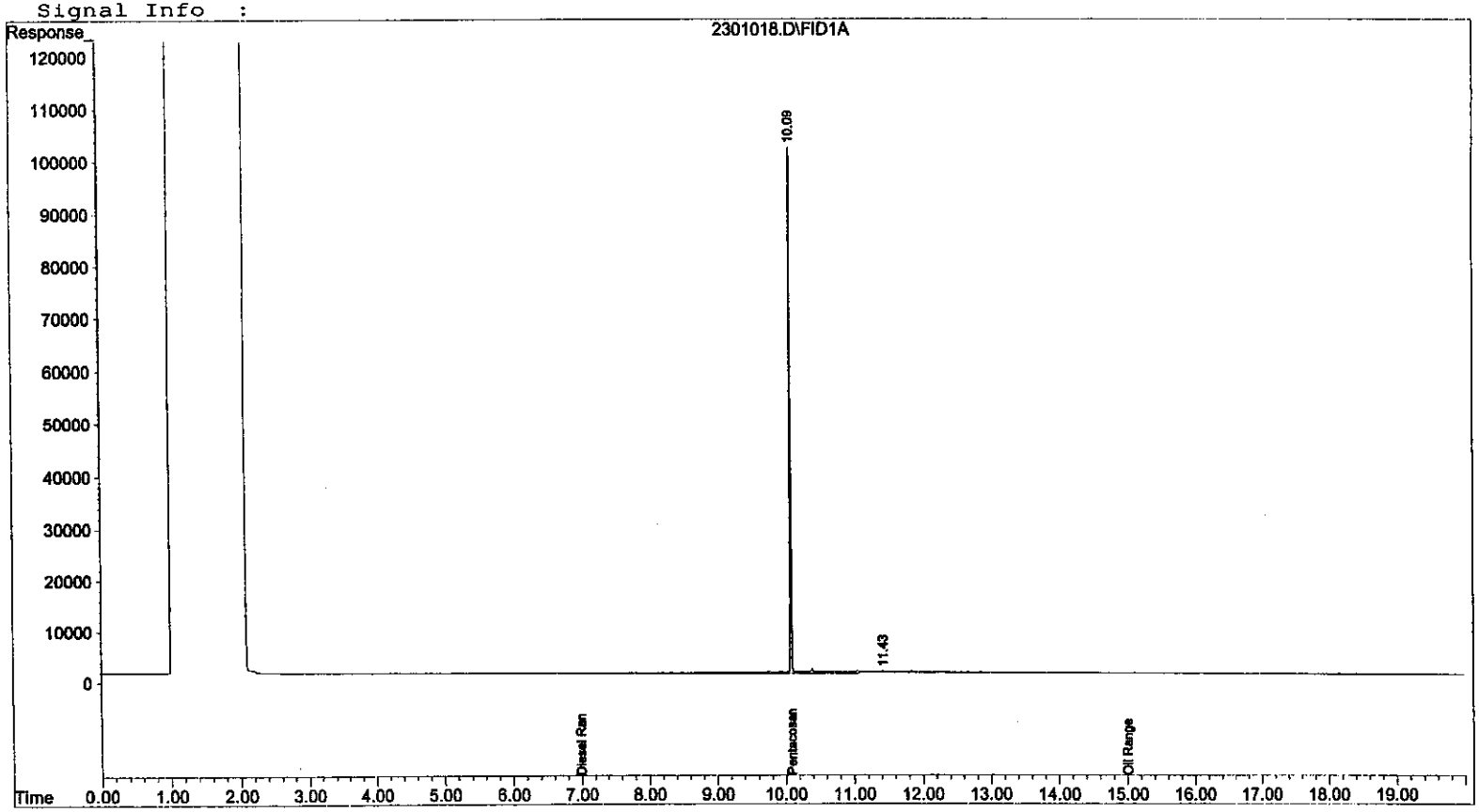
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1042623	26.107 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	104.43%
Target Compounds			
2) H M Diesel Range Organics	7.00	57937	1.421 mg/L
3) H Oil Range Organics	15.00	23794	0.584 mg/L

Dat File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2301018.D Vial: 23
Acq : 25 Jul 2005 21:58 Operator: KMI
Sample : 0507-1299 Inst : FID3
Misc : FP-S-2 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2401019.D Vial: 24
Acq On : 25 Jul 2005 22:23 Operator: KMI
Sample : 0507-1300 Inst : FID3
Misc : FP-S-3 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

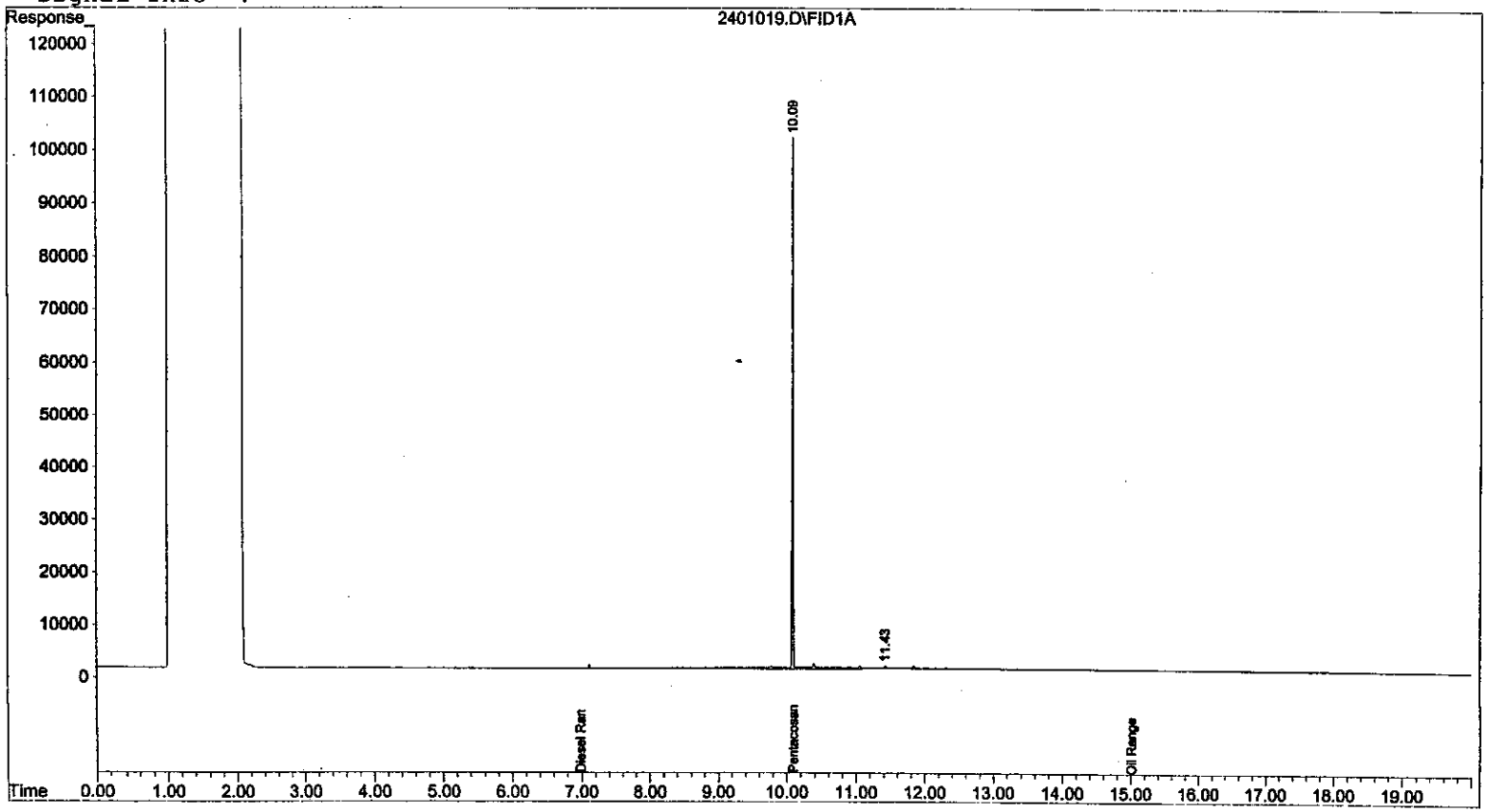
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1033871	25.888 mg/L
Spiked Amount 25.000 Range 80 - 144 Recovery = 103.55%			
Target Compounds			
2) H M Diesel Range Organics	7.00	84150	2.065 mg/L
3) H Oil Range Organics	15.00	48233	1.183 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2401019.D Vial: 24
Acq : 25 Jul 2005 22:23 Operator: KMI
Sample : 0507-1300 Inst : FID3
Misc : FP-S-3 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:00 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2501020.D Vial: 25
Acq On : 25 Jul 2005 22:49 Operator: KMI
Sample : 0507-1301 Inst : FID3
Misc : FP-S-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

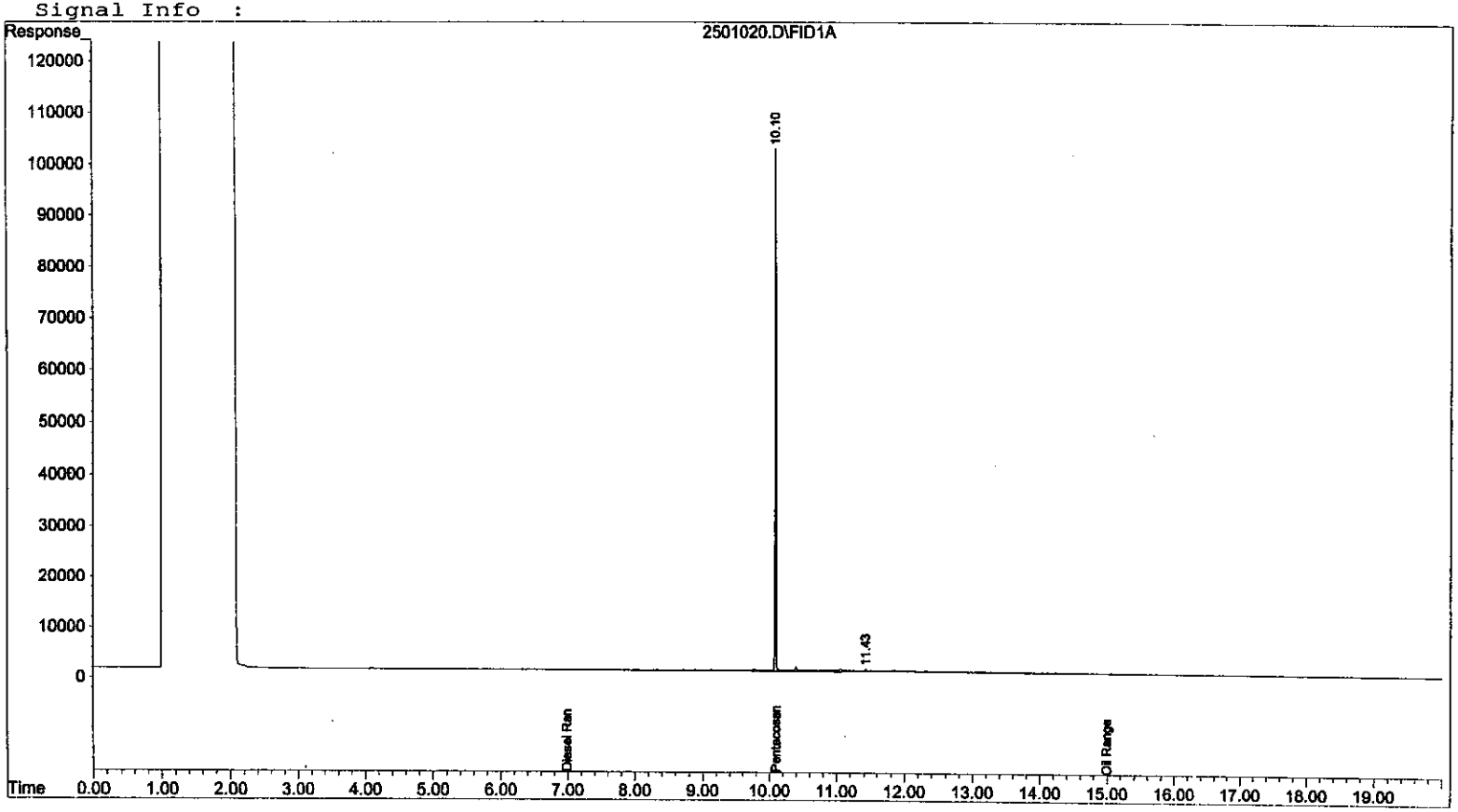
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1043983	26.141 mg/L
Spiked Amount 25.000 Range 80 - 144 Recovery = 104.56%			
Target Compounds			
2) H M Diesel Range Organics	7.00	67998	1.668 mg/L
3) H Oil Range Organics	15.00	29388	0.721 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2501020.D Vial: 25
Acq : 25 Jul 2005 22:49 Operator: KMI
Sample : 0507-1301 Inst : FID3
Misc : FP-S-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2601021.D Vial: 26
Acq On : 25 Jul 2005 23:14 Operator: KMI
Sample : 0507-1302 Inst : FID3
Misc : JL-S-5 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1051220	26.322 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	105.29%
Target Compounds			
2) H M Diesel Range Organics	7.00	663246	16.273 mg/L
3) H Oil Range Organics	15.00	30870	0.757 mg/L

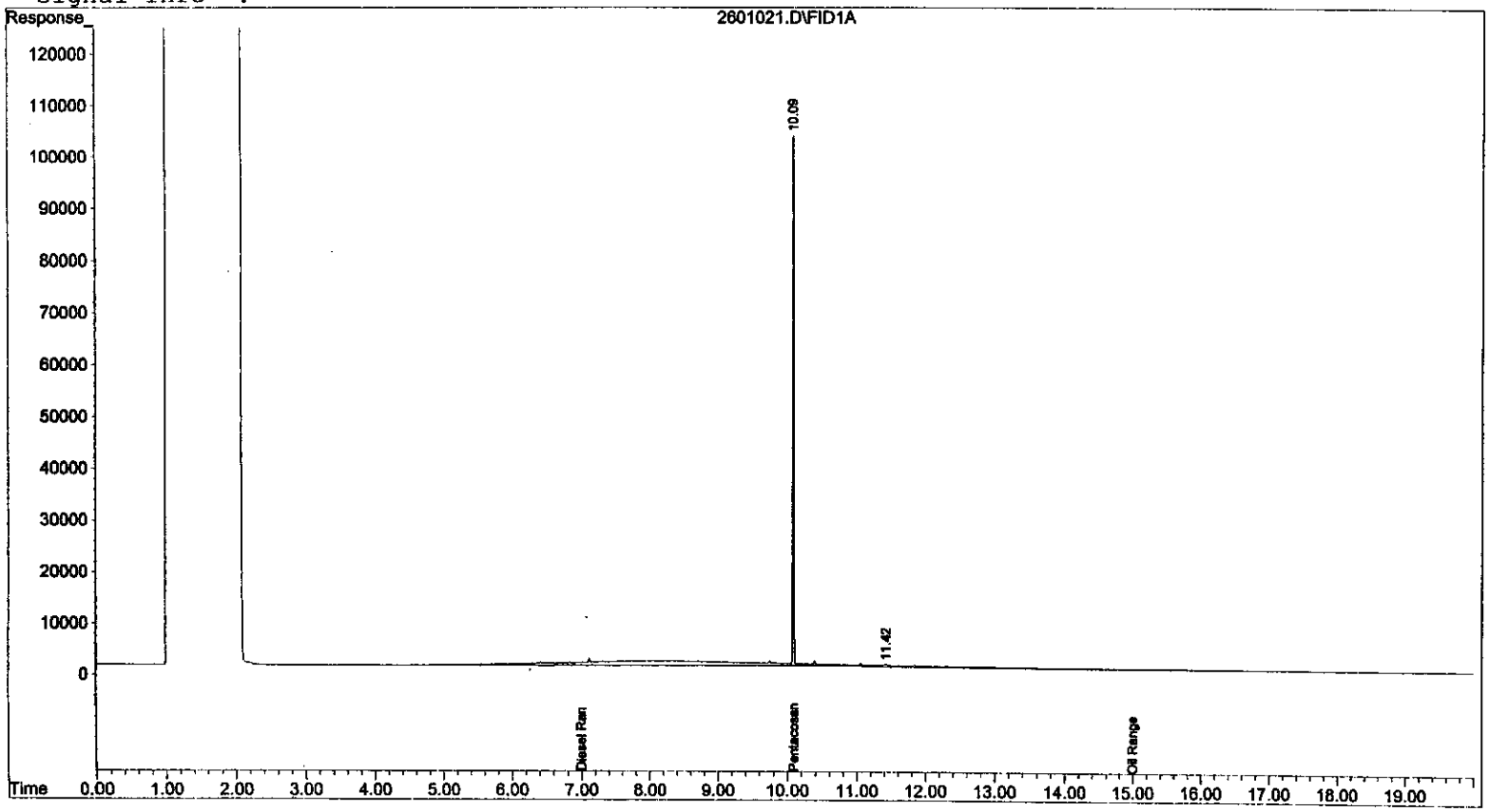
16 mg/kg
07-26-05

(f)=RT Delta > 1/2 Window (m)=manual int.
2601021.D 050331.M Tue Jul 26 08:01:21 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2601021.D Vial: 26
Acq On : 25 Jul 2005 23:14 Operator: KMI
Sample : 0507-1302 Inst : FID3
Misc : JL-S-5 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2701022.D Vial: 27
Acq On : 25 Jul 2005 23:40 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

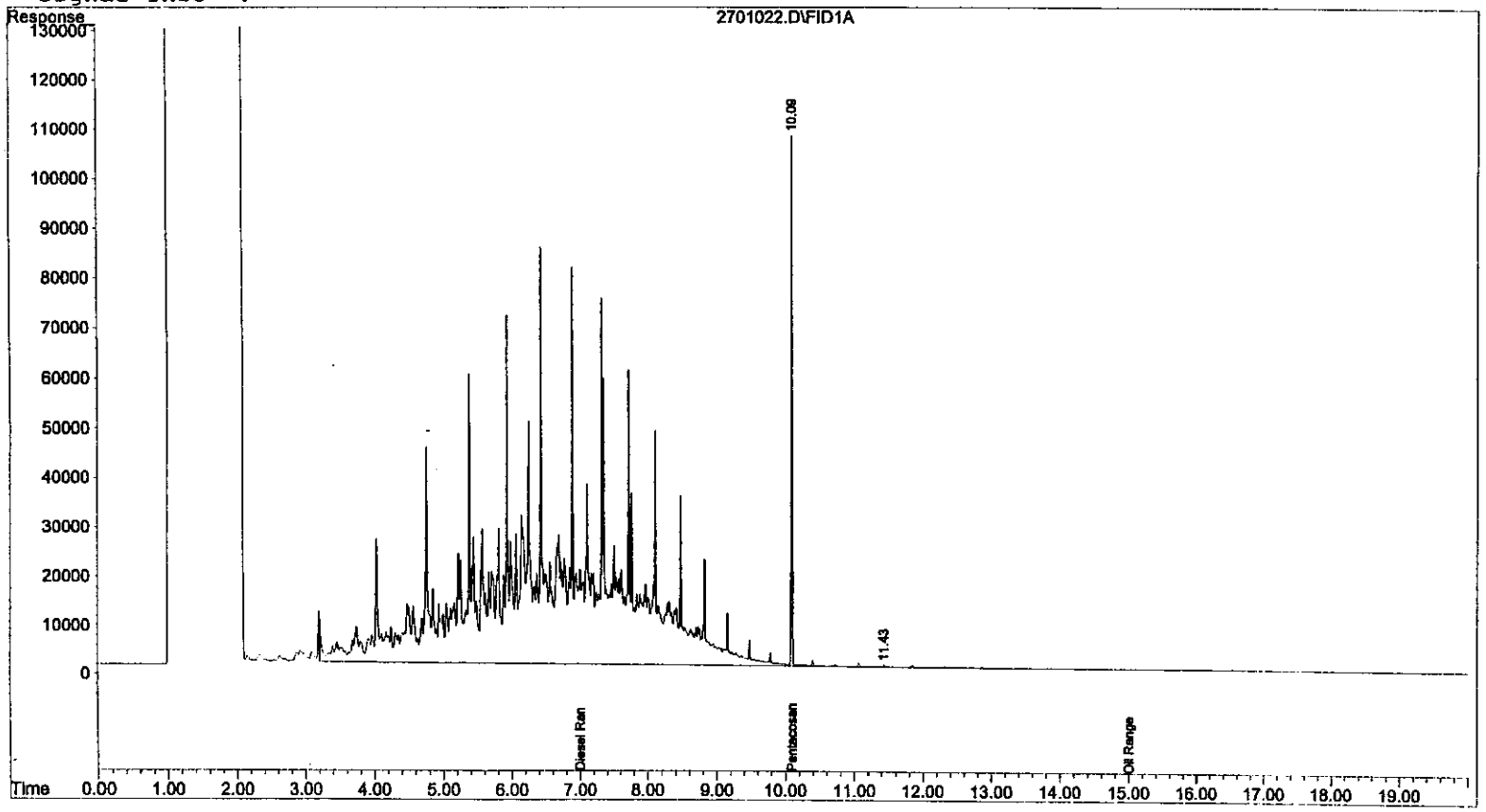
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	1132397	28.355 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	113.42% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	43622052	1070.272 mg/L 107%
3) H Oil Range Organics	15.00	32424	0.796 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\2701022.D Vial: 27
Acq : 25 Jul 2005 23:40 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\3501030.D Vial: 35
Acq On : 26 Jul 2005 3:05 Operator: KMI
Sample : 0507-1720 Inst : FID3
Misc : JUD-08 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

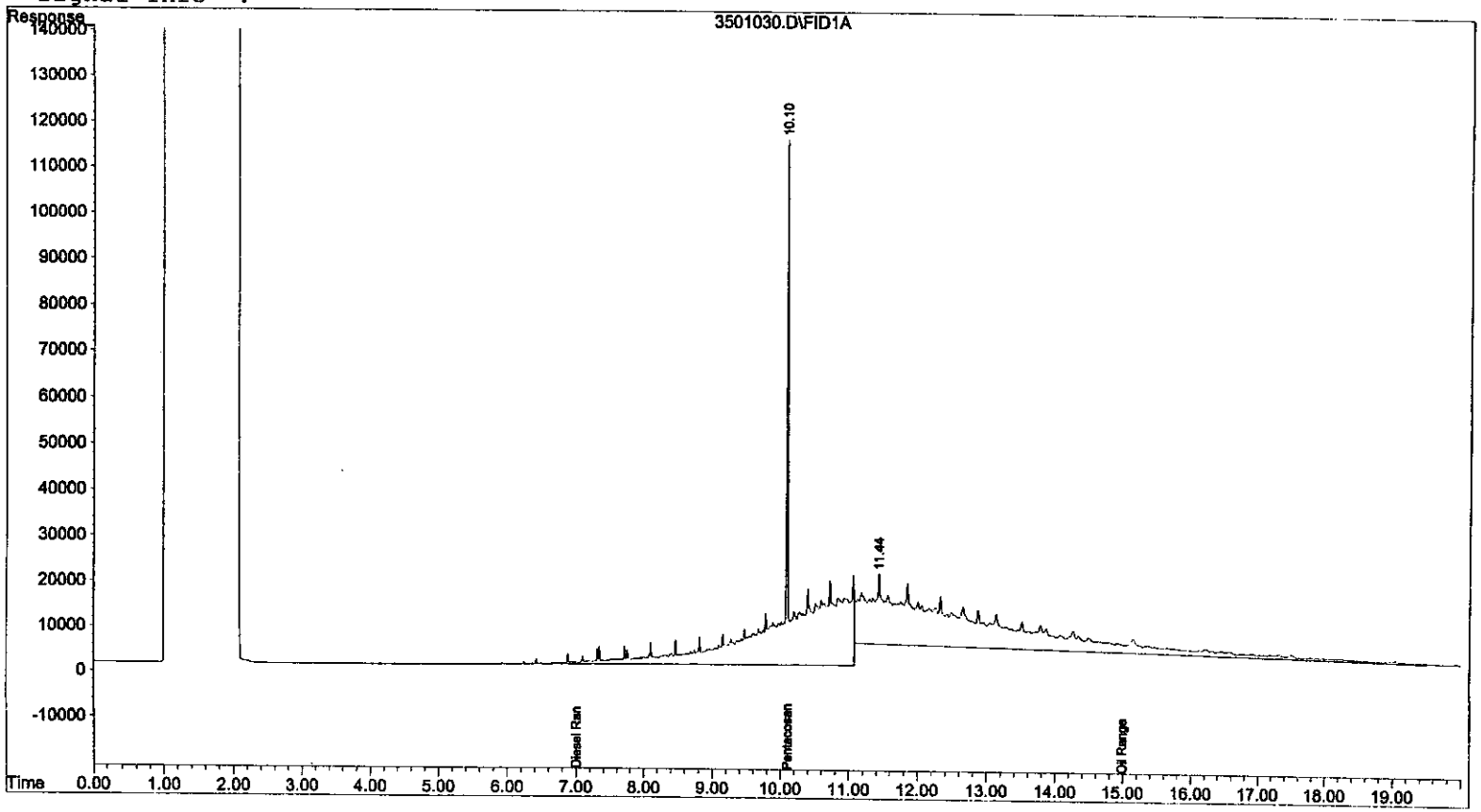
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1116849	27.965 mg/L m
Spiked Amount 25.000 Range 80 - 144		Recovery =	111.86% 112%
Target Compounds			
2) H M Diesel Range Organics	7.00	13903219	341.117 mg/L 340 mg/kg
3) H Oil Range Organics	15.00	27045625	663.568 mg/L 660 mg/kg

R 07-26-05

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\3501030.D Vial: 35
Acq : 26 Jul 2005 3:05 Operator: KMI
Sample : 0507-1720 Inst : FID3
Misc : JUD-08 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\3801033.D Vial: 38
Acq On : 26 Jul 2005 4:22 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

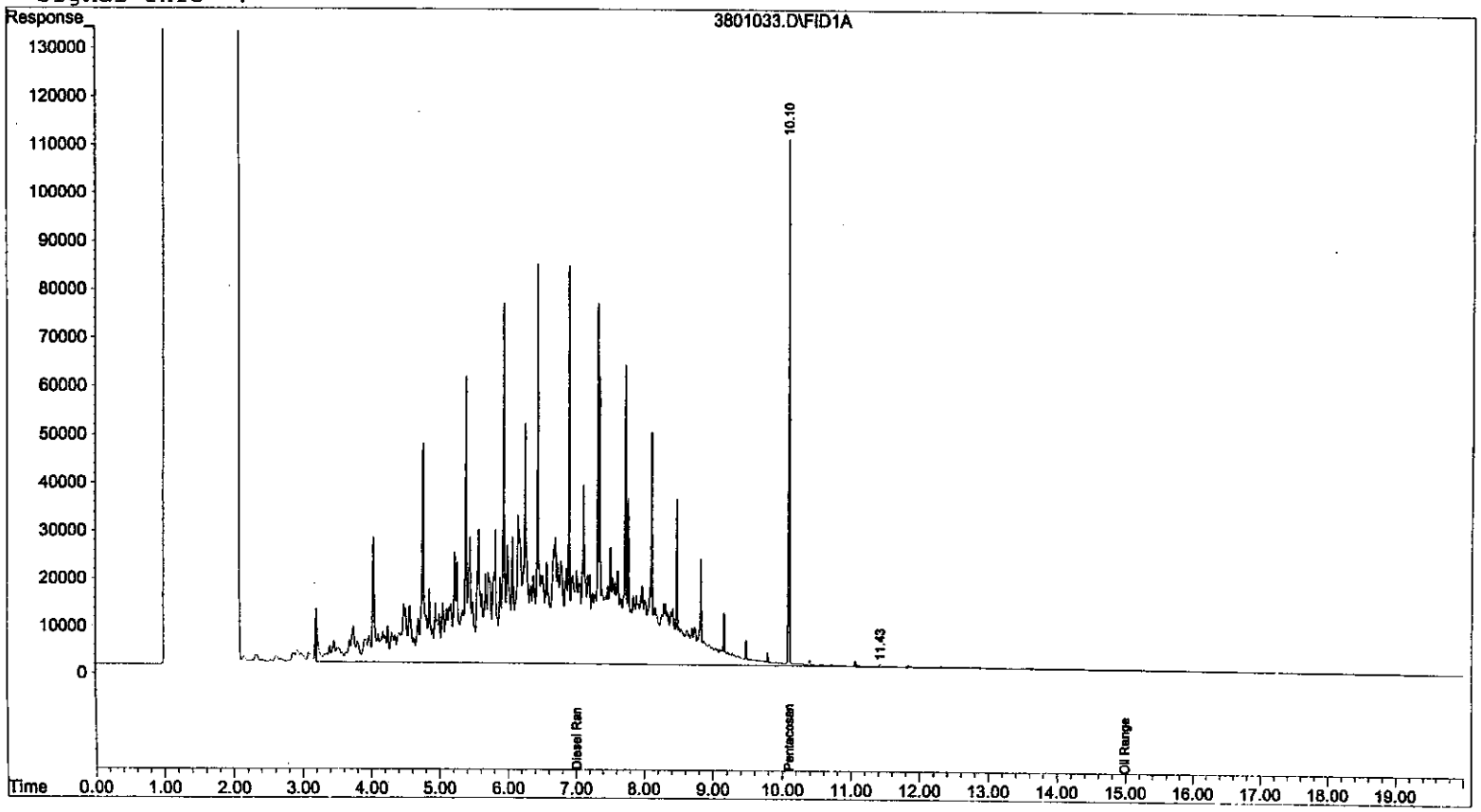
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1178528	29.510 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	118.04% 118%
Target Compounds			
2) H M Diesel Range Organics	7.00	44375803	1088.766 mg/L 109%
3) H Oil Range Organics	15.00	158515	3.889 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\3801033.D Vial: 38
Acq On : 26 Jul 2005 4:22 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\3901034.D Vial: 39
Acq On : 26 Jul 2005 4:47 Operator: KMI
Sample : 0507-1720 ms Inst : FID3
Misc : JUD-08 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1138516	28.508 mg/L m
Spiked Amount 25.000 Range 80 - 144		Recovery = 114.03%	
Target Compounds			
2) H M Diesel Range Organics	7.00	61006405	1496.800 mg/L
3) H Oil Range Organics	15.00	23893952	586.241 mg/L

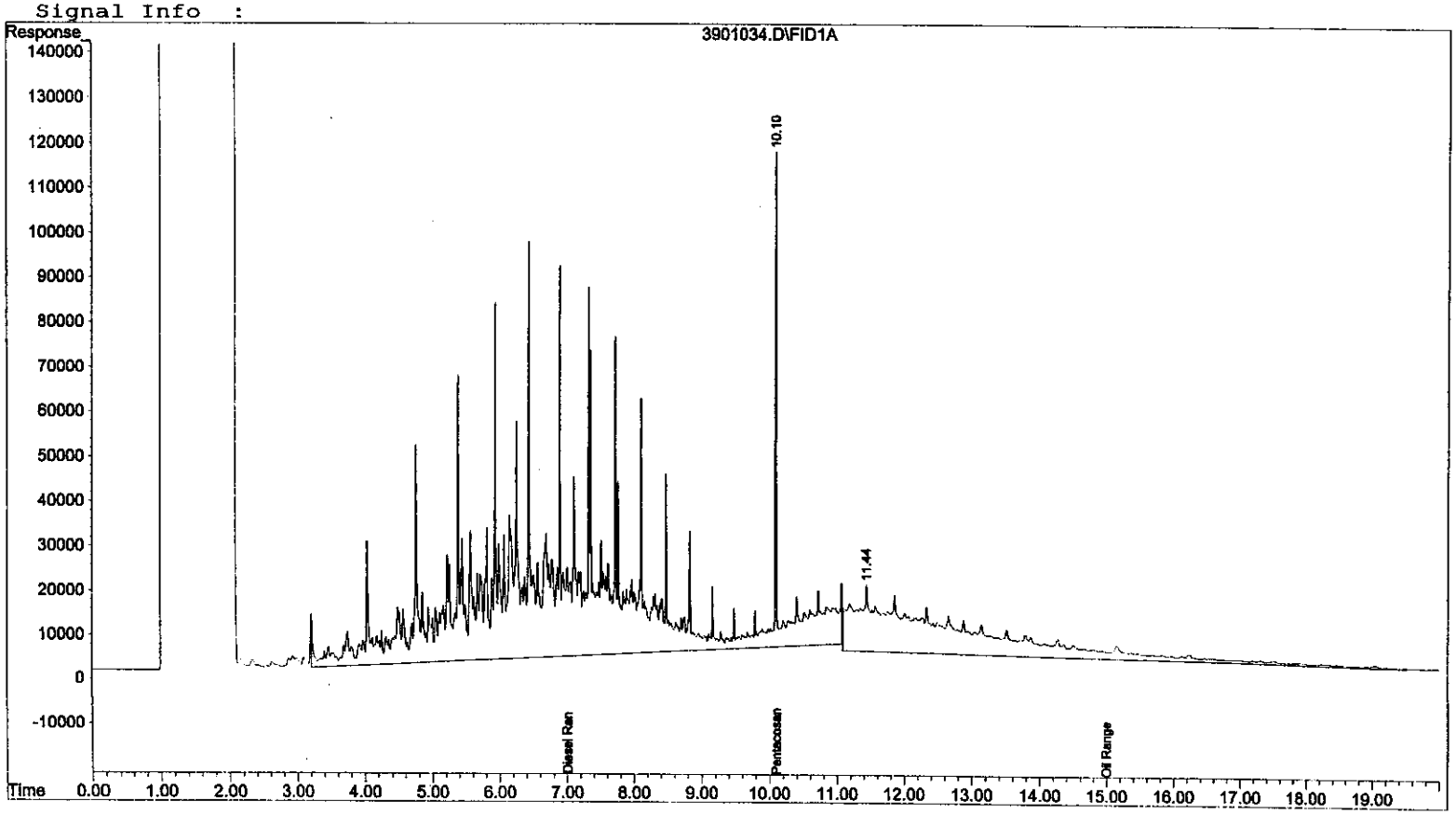
1497 - 340 = 1157 = 116%
07-26-05

07-26-05

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\3901034.D Vial: 39
Acq : 26 Jul 2005 4:47 Operator: KMI
Sample : 0507-1720 ms Inst : FID3
Misc : JUD-08 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4001035.D Vial: 40
Acq On : 26 Jul 2005 5:13 Operator: KMI
Sample : 0507-1720 msd Inst : FID3
Misc : JUD-08 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1108572	27.758 mg/L m
Spiked Amount 25.000 Range 80 - 144		Recovery = 111.03%	
Target Compounds			
2) H M Diesel Range Organics	7.00	61516439	1509.313 mg/L
3) H Oil Range Organics	15.00	24184513	593.370 mg/L

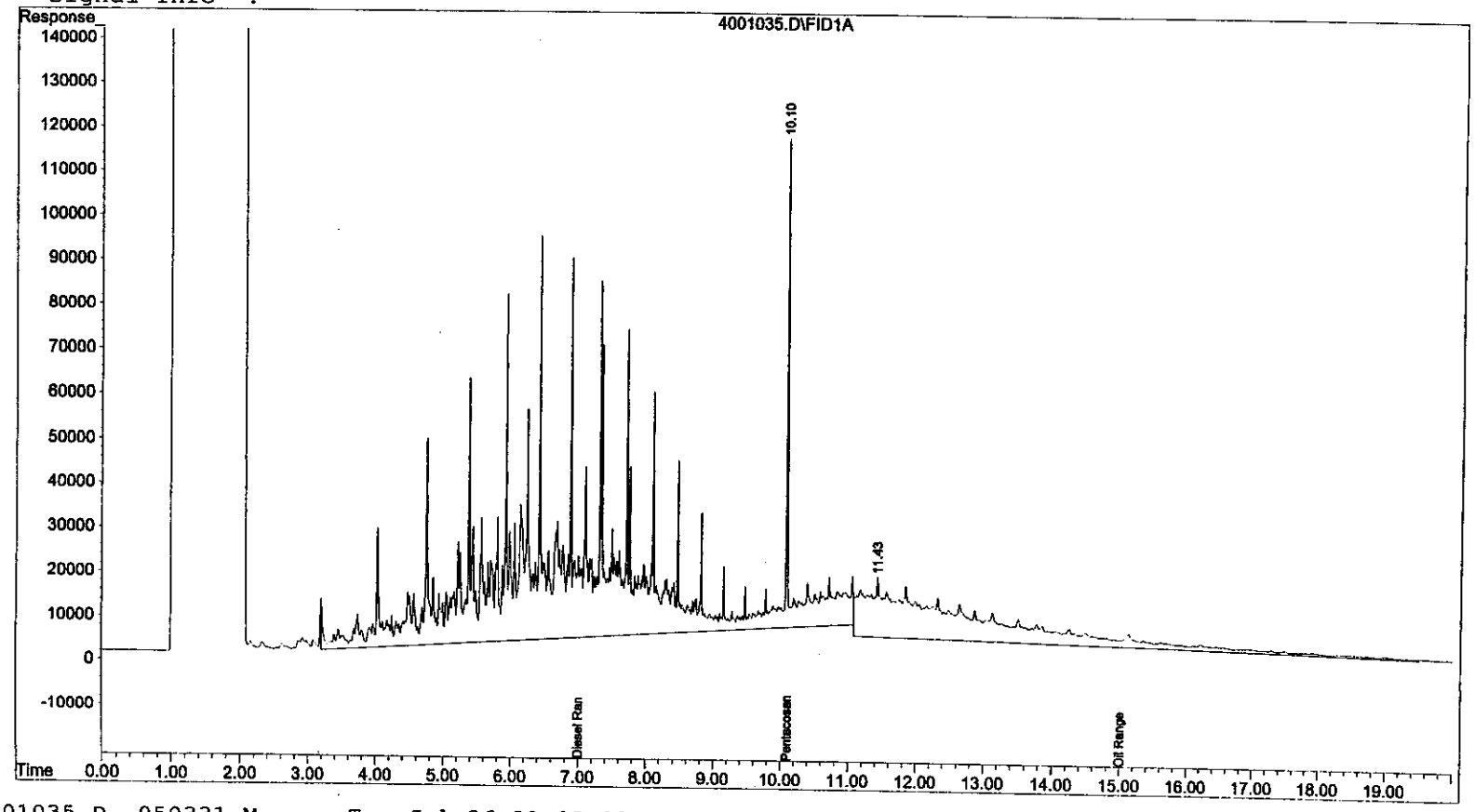
1509 - 340 = 1169 = 117%

(f)=RT Delta > 1/2 Window (m)=manual int.
4001035.D 050331.M Tue Jul 26 08:08:02 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4001035.D Vial: 40
Acq : 26 Jul 2005 5:13 Operator: KMI
Sample : 0507-1720 msd Inst : FID3
Misc : JUD-08 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:07 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4201037.D Vial: 42
Acq On : 26 Jul 2005 6:03 Operator: KMI
Sample : lcs 2139 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

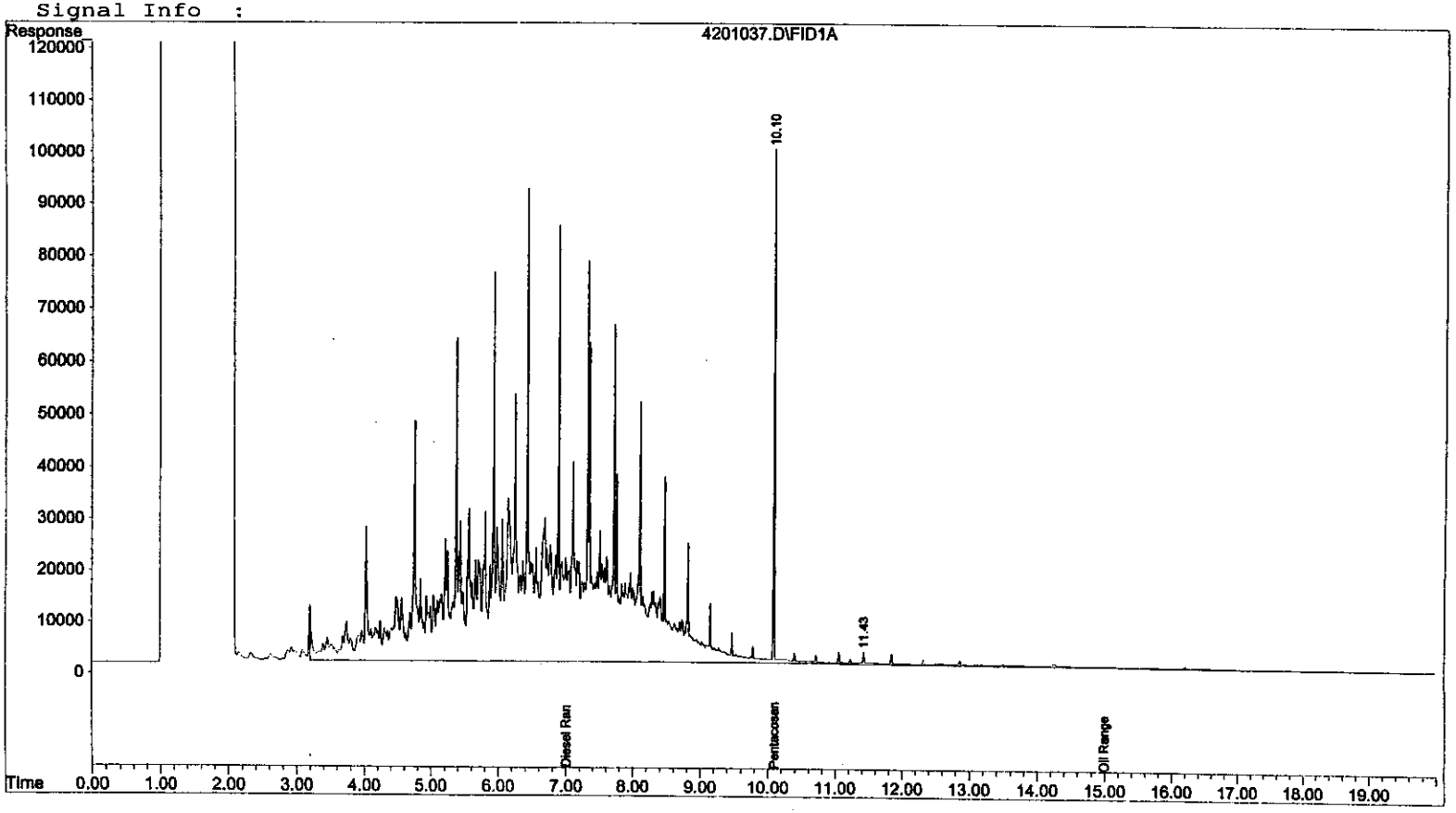
Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1031172	25.820 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 103.28%	103%
Target Compounds			
2) H M Diesel Range Organics	7.00	46450644	1139.672 mg/L 114%
3) H Oil Range Organics	15.00	590482	14.488 mg/L

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4201037.D Vial: 42
Acq : 26 Jul 2005 6:03 Operator: KMI
Sample : lcs 2139 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4301038.D Vial: 43
Acq On : 26 Jul 2005 6:29 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

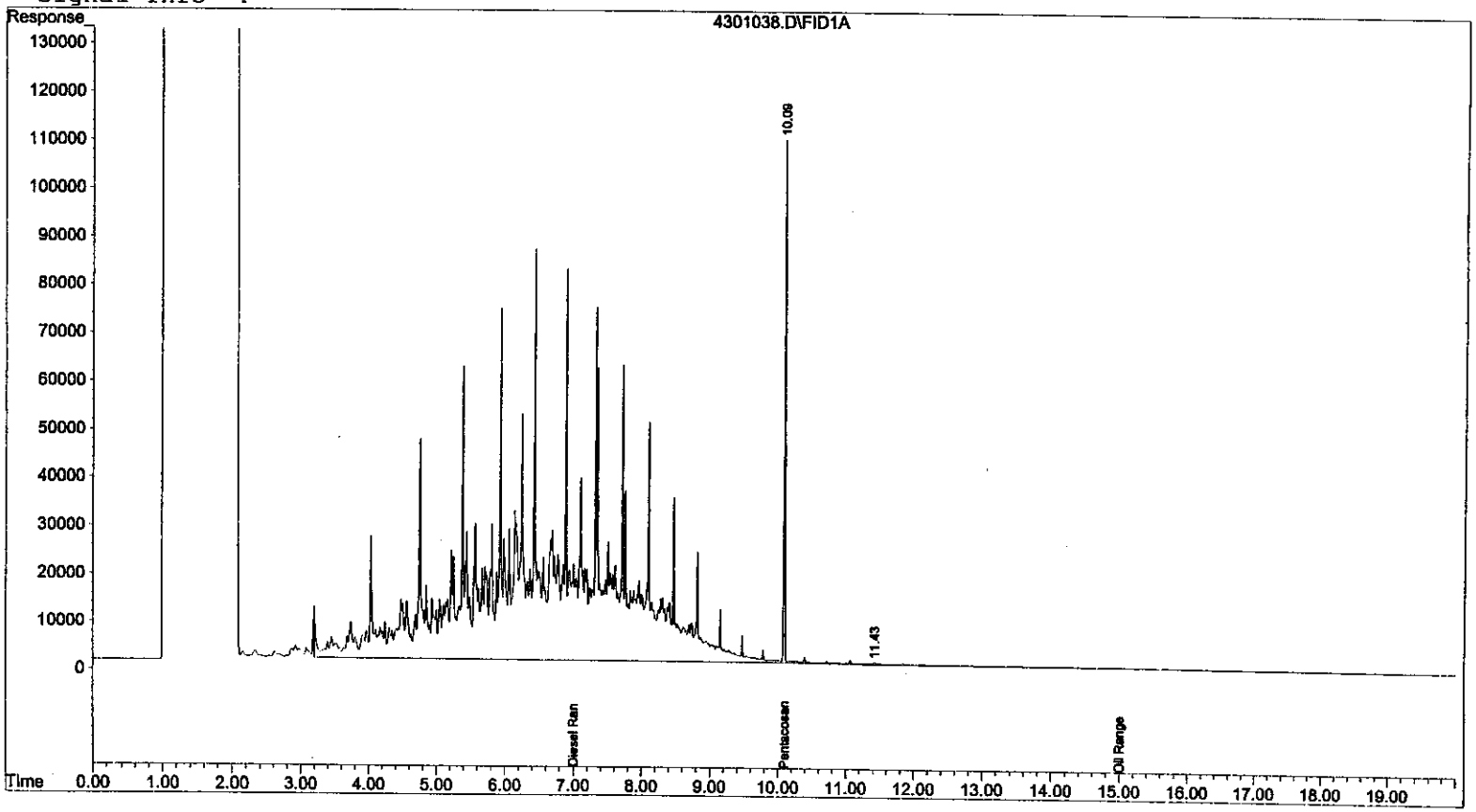
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1186148	29.701 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	118.80% 119%
Target Compounds			
2) H M Diesel Range Organics	7.00	44620468	1094.769 mg/L 109%
3) H Oil Range Organics	15.00	79254	1.945 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4301038.D Vial: 43
Acq : 26 Jul 2005 6:29 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 9:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4501002.D Vial: 45
Acq On : 26 Jul 2005 8:42 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 10:58 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

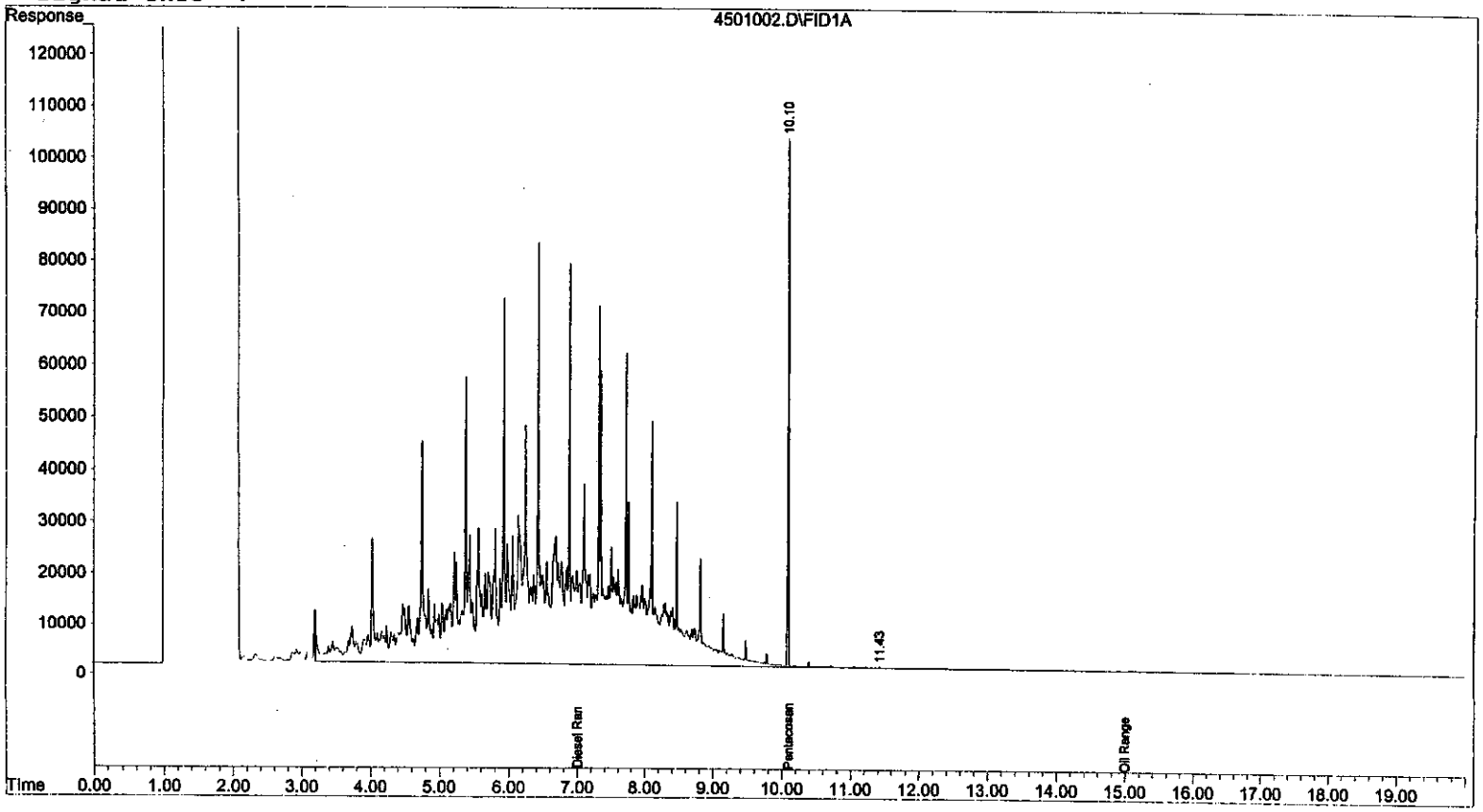
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1100990	27.568 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	110.27% 110%
Target Compounds			
2) H M Diesel Range Organics	7.00	41807251	1025.746 mg/L 103%
3) H Oil Range Organics	15.00	43001	1.055 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4501002.D Vial: 45
Acq : 26 Jul 2005 8:42 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 10:58 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4401003.D Vial: 44
Acq On : 26 Jul 2005 9:08 Operator: KMI
Sample : mb 2139 Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 10:31 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

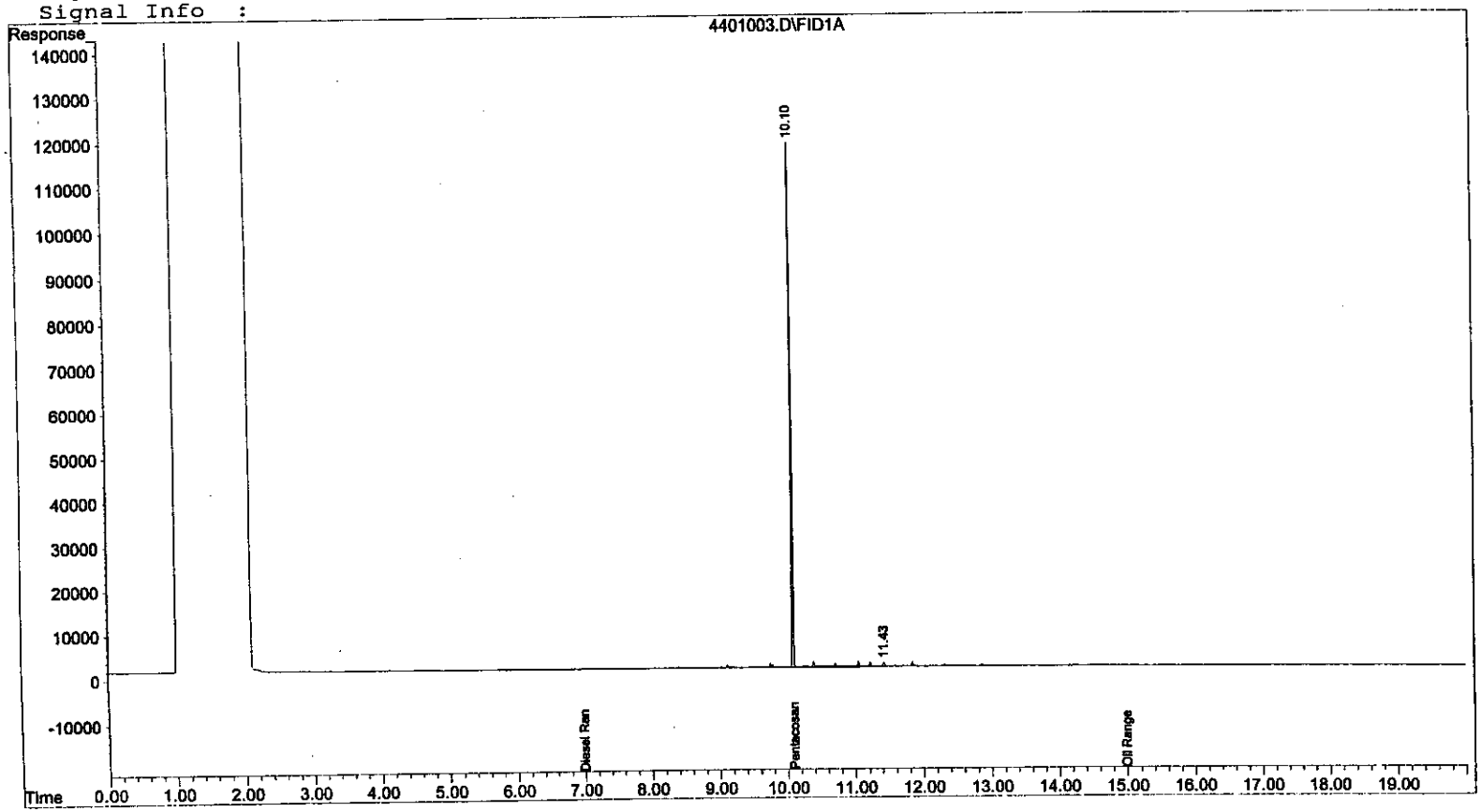
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1199629	30.038 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	120.15% 120%
Target Compounds			
2) H M Diesel Range Organics	7.00	88648	2.175 mg/L
3) H Oil Range Organics	15.00	84442	2.072 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0507[illegible]\4401003.D Vial: 44
Acq [illegible] : 26 Jul 2005 9:08 Operator: KMI
Sample : mb 2139 Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 10:31 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\4501001.D Vial: 45
Acq On : 26 Jul 2005 9:34 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 11:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

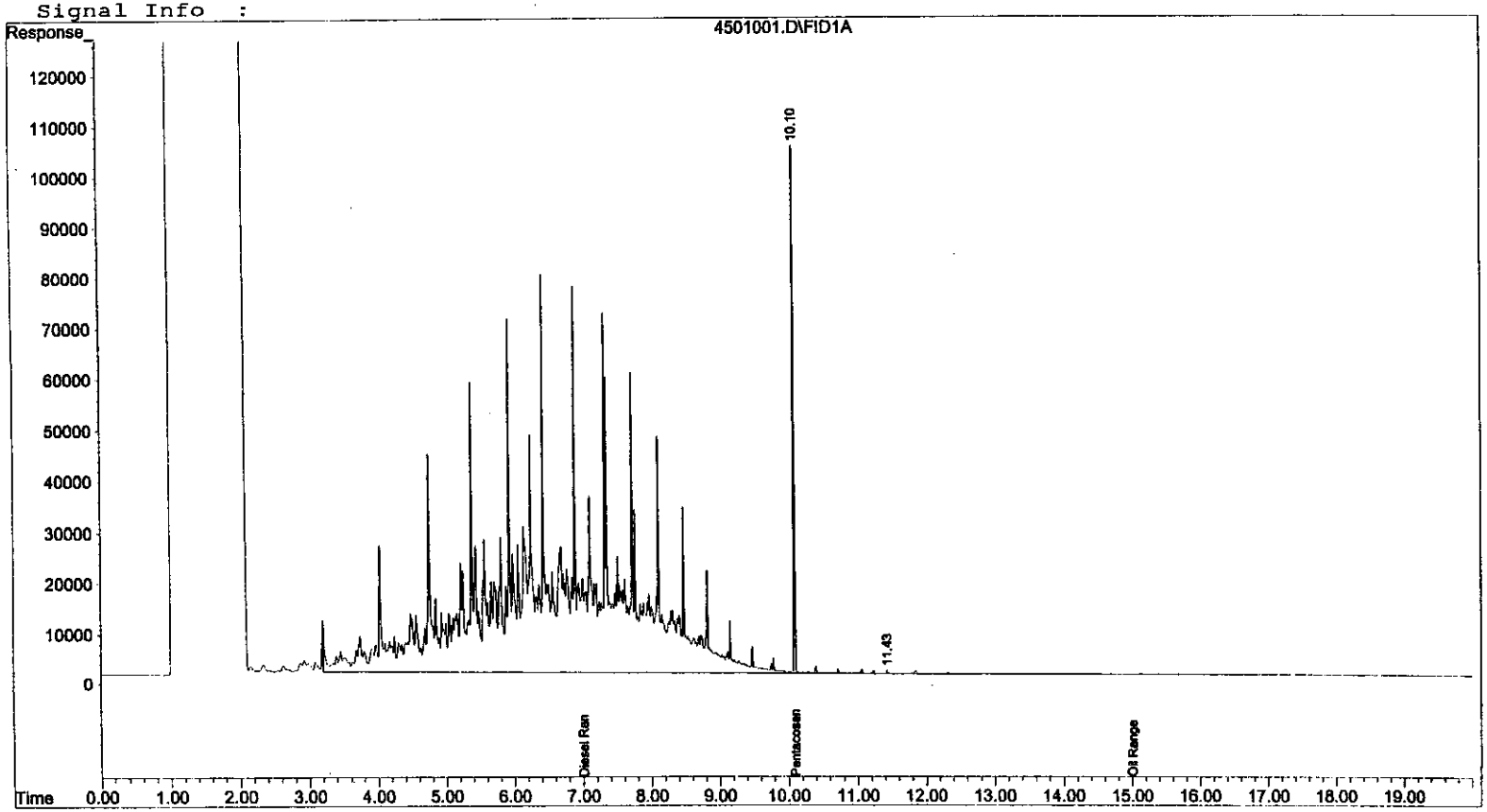
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1093118	27.371 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.48% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	41723779	1023.698 mg/L 102%
3) H Oil Range Organics	15.00	64722	1.588 mg/L

(f)=RT Delta > 1/2 Window (m)=manual int.
4501001.D 050331.M Tue Jul 26 10:01:03 2005 MSAD1 Page 1

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0507[illegible]\4501001.D Vial: 45
Acq [illegible] : 26 Jul 2005 9:34 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 26 11:01 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



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July 25, 2005

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Dear Mr. Martinez:

Enclosed are analytical results for samples submitted to Pace Analytical by AGES. The samples were received on July 12, 2005. Please reference Pace project number 05-1657 when inquiring about this report.

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Pace Sample Identification	Client Sample Identification
0507-0537	JLEI-MW-1
0507-0538	JLEI-MW-A
0507-0539	JLEI-MW-2
0507-0540	JLEI-MW-3
0507-0541	JLEI-MW-4

Pace Sample Identification	Client Sample Identification
0507-0542	JLEI-MW-5
0507-0543	EB
0507-0544	FB
0507-0545	TB

General Comments: None

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Milton Martinez Barreto
Project Manager

MMB: mmb

Enclosures

REPORT OF LABORATORY ANALYSIS

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1657**
Lab Sample ID: **0507-0537**
Client Sample ID: **JLEI-MW-1**
Sample Matrix: Aqueous

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/20/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/20/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<1000	1000	ug/l	RGG	07/20/2005	0002099-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0
Ethylbenzene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0
Toluene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0
m,p-Xylene	8021B(1)	<100	100	ug/l	RGG	07/20/2005	0002098-1	<10
o-Xylene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. GRO/BTEX sample was diluted due to foam-over during sparge.

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07/26/05
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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1657**
Lab Sample ID: **0507-0538**
Client Sample ID: **JLEI-MW-A**
Sample Matrix: Aqueous

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/20/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/20/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<1000	1000	ug/l	RGG	07/20/2005	0002099-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0
Ethylbenzene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0
Toluene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0
m,p-Xylene	8021B(1)	<100	100	ug/l	RGG	07/20/2005	0002098-1	<10
o-Xylene	8021B(1)	<50	50	ug/l	RGG	07/20/2005	0002098-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. GRO/BTEX sample was diluted due to foam-over during sparge.

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Mr. Dario Martinez
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P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Lab Project ID: **05-1657**
Lab Sample ID: **0507-0539**
Client Sample ID: **JLEI-MW-2**
Sample Matrix: Aqueous

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	4.1	0.50	mg/L	KIS	07/20/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/20/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<2000	2000	ug/l	RGG	07/21/2005	0002103-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<100	100	ug/l	RGG	07/21/2005	0002102-1	<5.0
Ethylbenzene	8021B(1)	<100	100	ug/l	RGG	07/21/2005	0002102-1	<5.0
Toluene	8021B(1)	<100	100	ug/l	RGG	07/21/2005	0002102-1	<5.0
m,p-Xylene	8021B(1)	<200	200	ug/l	RGG	07/21/2005	0002102-1	<10
o-Xylene	8021B(1)	<100	100	ug/l	RGG	07/21/2005	0002102-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials.Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO/BTEX sample diluted due to foam-over during sparge.

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07/24/05
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Lab Project ID: 05-1657
Lab Sample ID: 0507-0540
Client Sample ID: JLEI-MW-3
Sample Matrix: Aqueous

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/20/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/20/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<100	100	ug/l	RGG	07/19/2005	0002058-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
Ethylbenzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
Toluene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
m,p-Xylene	8021B(1)	<10	10	ug/l	RGG	07/19/2005	0002057-1	<10
o-Xylene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Lab Project ID: **05-1657**
Lab Sample ID: **0507-0541**
Client Sample ID: **JLEI-MW-4**
Sample Matrix: Aqueous

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	660	10	mg/L	KIS	07/25/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<100	100	mg/L	KIS	07/25/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	7000	5000	ug/l	RGG	07/21/2005	0002058-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
Ethylbenzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
Toluene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
m,p-Xylene	8021B(1)	<10	10	ug/l	RGG	07/19/2005	0002057-1	<10
o-Xylene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. DRO hit due to unknown peak in the Diesel range. Surrogate not recoverable for DRO due to sample dilution (20X). Sample for GRO/BTEX was received with headspace in the VOA vials.Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO hit due to large unknown peak in GRO range.

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Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Lab Project ID: **05-1657**
Lab Sample ID: **0507-0542**
Client Sample ID: **JLEI-MW-5**
Sample Matrix: Aqueous

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	5.4	0.50	mg/L	KIS	07/20/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/20/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	17000	1000	ug/l	RGG	07/20/2005	0002058-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	22	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
Ethylbenzene	8021B(1)	26	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
Toluene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0
m,p-Xylene	8021B(1)	19	10	ug/l	RGG	07/19/2005	0002057-1	<10
o-Xylene	8021B(1)	6.3	5.0	ug/l	RGG	07/19/2005	0002057-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. GRO hit due to large unknown peak in GRO range.

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Lab Project ID: **05-1657**
Lab Sample ID: **0507-0543**
Client Sample ID: **EB**
Sample Matrix: Aqueous

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/20/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/20/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<100	100	ug/l	RGG	07/19/2005	0002060-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
Ethylbenzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
Toluene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
m,p-Xylene	8021B(1)	<10	10	ug/l	RGG	07/19/2005	0002059-1	<10
o-Xylene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1657**
Lab Sample ID: **0507-0544**
Client Sample ID: **FB**
Sample Matrix: Aqueous

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Date Sampled: 07/11/2005
Date Received: 07/12/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/20/2005	0002049-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/20/2005	0002049-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<100	100	ug/l	RGG	07/19/2005	0002060-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
Ethylbenzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
Toluene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
m,p-Xylene	8021B(1)	<10	10	ug/l	RGG	07/19/2005	0002059-1	<10
o-Xylene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: **05-1657**
Lab Sample ID: **0507-0545**
Client Sample ID: **TB**
Sample Matrix: Aqueous

Client Site: Corco Jake's Laggon
Client Ref.: 98-000208

Date Sampled: 07/11/2005
Date Received: 07/12/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<100	100	ug/l	RGG	07/19/2005	0002060-1	<100
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
Ethylbenzene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
Toluene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0
m,p-Xylene	8021B(1)	<10	10	ug/l	RGG	07/19/2005	0002059-1	<10
o-Xylene	8021B(1)	<5.0	5.0	ug/l	RGG	07/19/2005	0002059-1	<5.0

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

Approved by: _____ Date: 07/26/05

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Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	DCM	N/A	N/A	0101001	1	Aqueous	10	07-20-05	[illegible]	
2		DCM			0201002	2					
3		1000CCV	↓		0301003	3					
4		MB	2049		0401004	4					
5	↓	LCS		↓	0501005	5					
6	0516059	0507-0413		EB	0601006	6					
7	0516057	-0537		JCPI-MW-1	0701007	7					
8		-0538		-A	0801008	8					
9		-0539		-2	0901009	9					
10		0540		-3	1001010	10					
11		-0541		-4	1101011	11					Reanalyze
12		-0542		↓ -5	1201012	12					
13	↓	-0543		EB	1301013	13					
14	N/A	1000CCV	↓	N/A	1401014	14	↓	↓	↓	↓	

Surrogate ID: SLCG-1-011C LCS/MS/MSD Spike ID: SLCG-1-009A ICV/CCV Spike ID: SLCG-1-008 DCM ID: lot. 042008

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

N/A [illegible] 07-20-05 [illegible] 07-20-05

P.O. Box 325, San German, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1667	0507-0544	2049	FB	1501015	15	Aqueous	10	07-20-05	[illegible]	
2	05-1665	-0591		EB	1601016	16					
3	↓	-0592		FB	1701017	17					
4	05-1671	-0629		TB	1801018	18					
5		-0630		FB	1901019	19					
6	↓	-0631		EB	2001020	20			↓		
7	05-1678	-0666		EB	2101021	21			07-21-05		
8	↓	-0667		FB	2201022	22					
9	05-1679	-0671		EB	2301023	23					
10	↓	↓-0672		FB	2401024	24					
11	N/A	1000CCV		① ~~FB~~ N/A	2501025	25					
12	05-1678	0507-0668		FB	2601026	26					MS
13	↓	↓-0669	↓		2701027	27					MSD
14	N/A	N/A	2050	N/A	2801028	28	↓	↓	↓	↓	

Surrogate ID: S266-1-011C LCS/MS/MSD Spike ID: S266-1-002A ICV/CCV Spike ID: S550-1-028 DCM ID: Lot. 062009

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

[illegible] 07-21-05 N/A [illegible] 07-21-05 ② [illegible] 07-21-05

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Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	LCS	2050	N/A	2901029	29	Aquino	10	07-21-05	[illegible]	
2	05-1665	0507-0583		PQ-3-SW-1	3001030	30					
3		-0584		-4- -2	3101031	31					
4		-0585		-A	3201032	32					
5		-0586		-5- -3	3301033	33					
6		-0587		-6- -4	3401034	34					
7	①	①-0588		①-7- ①-5	3501035	35					
8	N/A	1000CCW		N/A	3601036	36					
9	05-1665	0507-0589		PQ-8-SW-6	3701037	37					
10	①	-0590		DW-6-SW-7	3801038	38					
11	05-1679	-0669		PQ-24-SW-8	3901039	39					
12	①	-0670		① -B	4001040	40					
13	05-1702	-0747		JLET-HW-6	4101041	41					
14	①	①-0748	①	① -B	4201042	42	①	①	①	①	

Surrogate ID: SOGL-1-011C LCS/MS/MSD Spike ID: SOGL-1-007A ICV/CCV Spike ID: SSU-1028 DCM ID: Lot. 042008

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: ____ LCS/MS/MSD Spike ID: ____ ICV/CCV Spike ID: ____ DCM ID: ____

N/A [illegible] 07-21-05
① [illegible] 07-21-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

Book # 3

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	N/A	MB	2046	07/18/05	K.H	9.99g	10mL	1	
2	N/A	LCS				10.00g			
3	05-1671	0507-0632				10.02g			
4		-0633				10.03g			
5		-0634				10.00g			
6		-0635				9.98g			
7		-0636				10.00g			
8		-0637				10.03g			
9		-0632				10.04g			MS
10	(1)	(1) -0632	(1)			10.00g	(1)	(1)	MSD
11	N/A	MB	2049			30mL	3	10	
12	(1)	LCS							
13	05-1639	0507-0413							
14	05-1657	-0537							
15		-0538							
16		-0539							
17		-0540							
18		-0541							
19		-0542							
20		-0543							
21	(1)	-0544							
22	05-1665	-0591							
24	(1)	-0592							
25	05-1671	(1) -0629	(1)	(1)	(1)	(1)	(1)	(1)	

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 042008 Exp. Date: 01-25-10
Sodium Sulfate: Mfg: Fisher Lot: 050624 Exp. Date: 06-10
Surrogate ID: SUGC-1-011C LCS/MS/MSD ID: SUGC-1-007A

Spike witness: JC

VERIFIED AND APPROVED BY: J Caldwell

DATE: 7/18/05

(1) [initials] 07-18-05 N/A [initials] 07-18-05

Form # 1 / PR-O-002 / Rev. 0 / October 25, 2004

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Book # 3

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	05-1671	0507-0630	2049	07-18-05	K.H.	30 mL	3	10	
2	↓①	-0631							
3	05-1679	-0671							
4	↓①	-0672							
5	05-1678	-0666							
6	↓①	-0667							
7	~~05-1679~~	~~-0669~~							
8		~~-0670~~							
9	05-1678	~~MB0667~~							
10	↓①	①↓ -0667	↓①						MS
11	N/A	MB	2050						MSD
12	↓①	LCS							
13	05-1702	0507-0747							
14		-0748							
15		-0749							
16		-0750							
17		-0751							
18		-0752							
19		-0753							
20		-0754							
21		-0755							
22	↓①	-0756							
24	05-1665	-0583							
25	↓①	①↓ -0584	↓①	↓①	↓①	↓①	↓①	↓①	

}EEP 07-18

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 042008 Exp. Date: 01-10
Sodium Sulfate: Mfg: Fisher Lot: 050634 Exp. Date: 06-10
Surrogate ID: SUGC-1-011C LCS/MS/MSD ID: SUGC-1-007A

Spike Witness: JC

VERIFIED AND APPROVED BY: J Caldwell

DATE: 7/18/05

① [initials] 07-18-05 N/A [initials] 07-18-05

Pace Analytical®

CHAIN-OF-CUSTODY / Analytical Request Document

The Chai. Custody is a LEGAL DOCUMENT. All relevant fields must be completed accu /.

Page: of
907765

Section A Required Client Information:

Company:	AVES inc
Address:	PO Box 1054 Dorado PR 00646-1054
Email To:	AVES@Coqui.net
Phone:	270-3100 Fax: 270-3110
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	AVES
Copy To:	
Purchase Order No.:	
Project Name:	Corco Jake's Lagoon
Project Number:	

Section C Invoice Information:

Attention:	AVES
Company Name:	AVES
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY: ☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER PR

Section D Required Client Information

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

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N) / Requested Analysis: GRO	DRO	OVO	BTEX	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D. 05-1657
1	JLEI-MW-1	WT	G			7/1/05	3:15		4	X			X					X	X	X	X		0537
2	JLEI-MW-A						3:18																0538
3	JLEI-MW-2						3:30																0539
4	JLEI-MW-3						3:35																0540
5	JLEI-MW-4						3:45																0541
6	JLEI-MW-5						3:50																0542
7	EB						3:00																0543
8	FB						4:00																0544
9	TB						4:05		3				X					X		X			0545
10																							
11																							
12																							

Additional Comments: Pls Send GC Chromatograms QA/QC, Calibration Curves

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION	Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
[signature] JBAP	7/1/05	11:50AM	JBAP	7/1/05	11:52AM			Y/N	Y/N	Y/N
JBAP	7/1/05	3:30AM	[signature]	7/1/05	1530	4°C		(N)	(Y)	(N)
								Y/N	Y/N	Y/N
								Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joaquin A. Vargas

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY) 7/1/05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

Data File Name **0501005.D**
Date Acquired **20 Jul 2005 17:12**
Method File **DROFID3.M**
Sample Name **lcs 2049**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	26.38	25	106	80-144	Pass
Diesel Range Organics	1015.62	1000	102	70 - 130	Pass

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

n-Spiked Sample: 2201022.D

	Spike Sample	Spike Duplicate Sample
File ID :	2601026.D	2701027.D
Sample :	0507-0667 ms	0507-0667 msd
Acq Time:	21 Jul 2005 2:14	21 Jul 2005 2:39

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	1.2	1000	1076	1054	107	105	2	20	70-130

- Fails Limit Check

050331.M Fri Jul 22 10:52:32 2005 MSAD1

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\0301003.D Vial: 3
Acq On : 20 Jul 2005 16:21 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 20 18:58 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1167265	29.228 mg/L 117%
Spiked Amount 25.000 Range 80 - 144		Recovery =	116.91%
Target Compounds			
2) H M Diesel Range Organics	7.00	42981670	1054.561 mg/L 105%
3) H Oil Range Organics	15.00	307305	7.540 mg/L

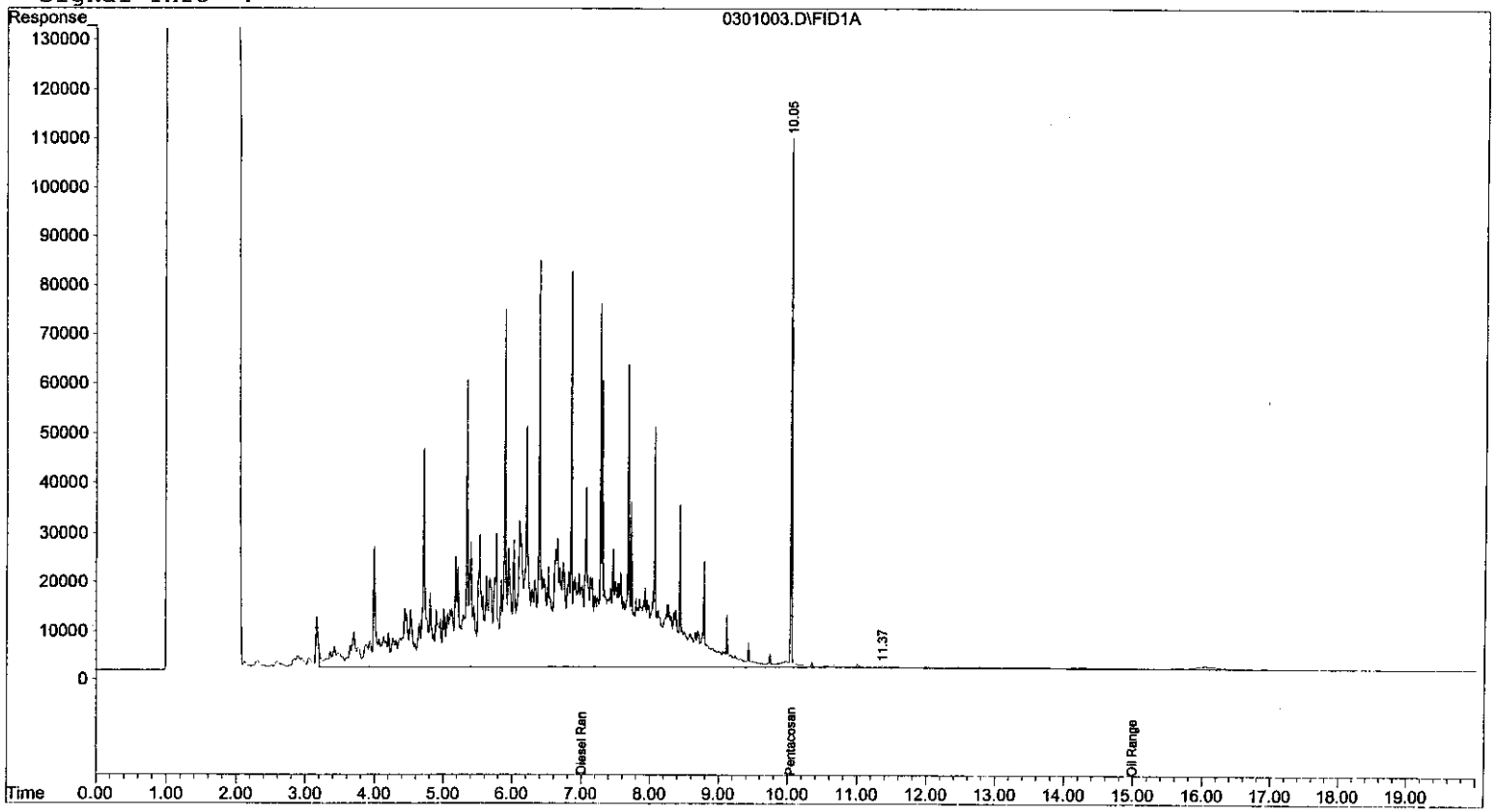
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Dat File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 20\0301003.D Vial: 3
Acq on : 20 Jul 2005 16:21 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 20 18:58 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\0401004.D Vial: 4
Acq On : 20 Jul 2005 16:47 Operator: KMI
Sample : mb 2049 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

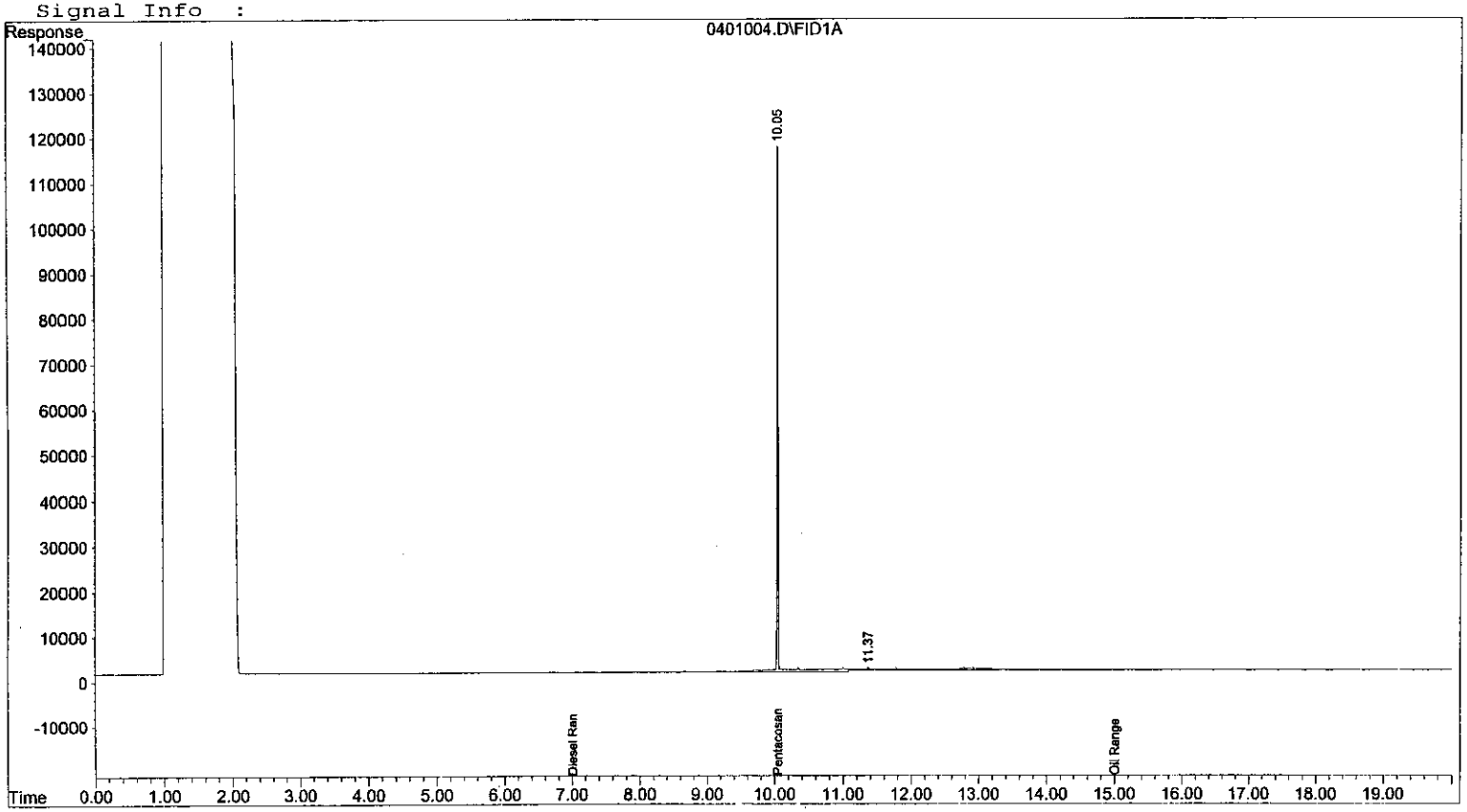
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1190250	29.803 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	119.21% 119%
Target Compounds			
2) H M Diesel Range Organics	7.00	103705	2.544 mg/L
3) H Oil Range Organics	15.00	158636	3.892 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 20\0401004.D Vial: 4
Acq On : 20 Jul 2005 16:47 Operator: KMI
Sample : mb 2049 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\0501005.D Vial: 5
Acq On : 20 Jul 2005 17:12 Operator: KMI
Sample : lcs 2049 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Ini
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1053406	26.377 mg/L 100%
Spiked Amount 25.000 Range 80 - 144		Recovery =	105.51%
Target Compounds			
2) H M Diesel Range Organics	7.00	41394585	1015.621 mg/L 102%
3) H Oil Range Organics	15.00	214030	5.251 mg/L

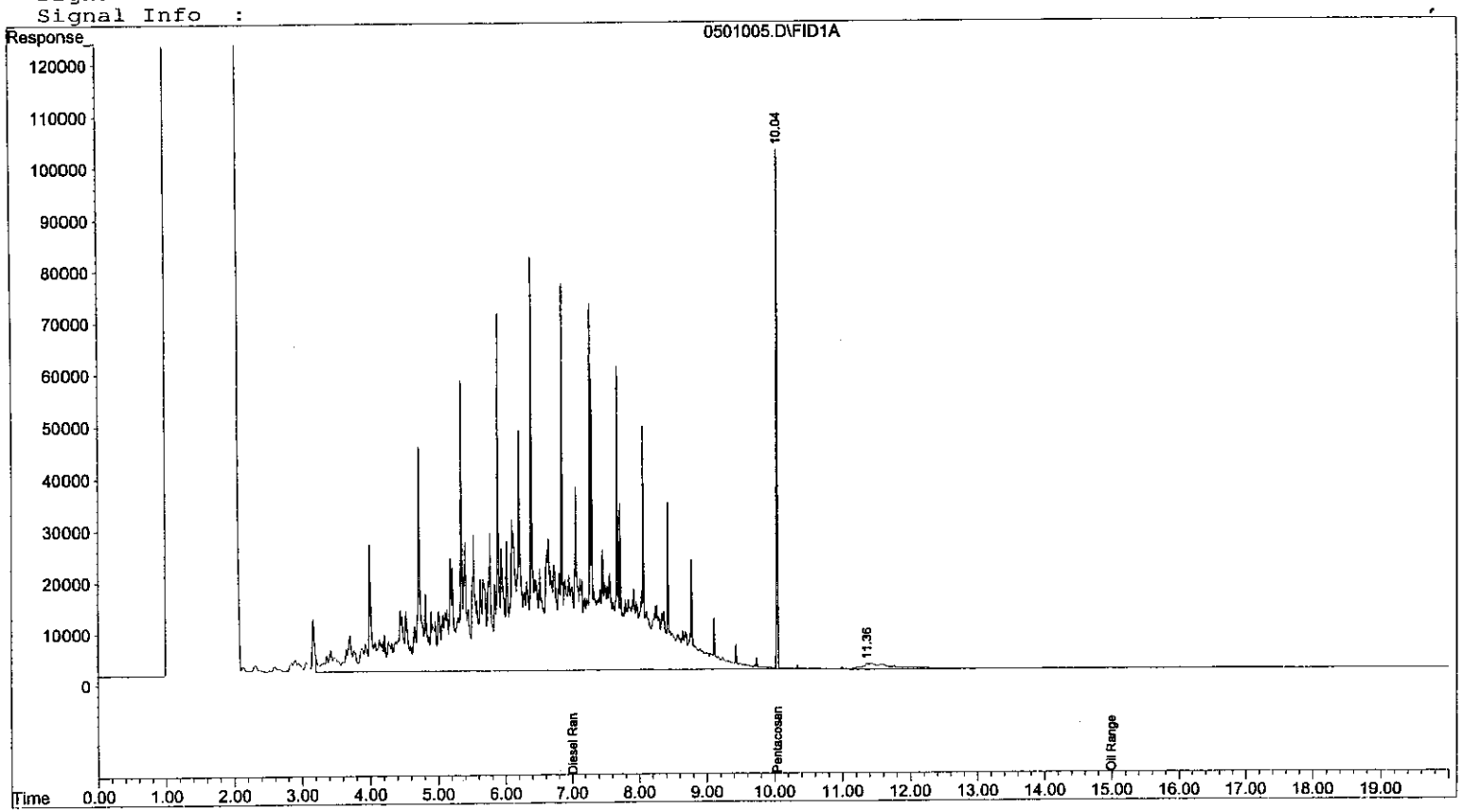
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0! 20\0501005.D Vial: 5
Acq On : 20 Jul 2005 17:12 Operator: KMI
Sample : lcs 2049 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:08 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\0701007.D Vial: 7
Acq On : 20 Jul 2005 18:04 Operator: KMI
Sample : 0507-0537 Inst : FID3
Misc : JLEI-MW-1 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:09 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1166580	29.211 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	116.84% 117%
Target Compounds			
2) H M Diesel Range Organics	7.00	75984	1.864 mg/L
3) H Oil Range Organics	15.00	62882	1.543 mg/L

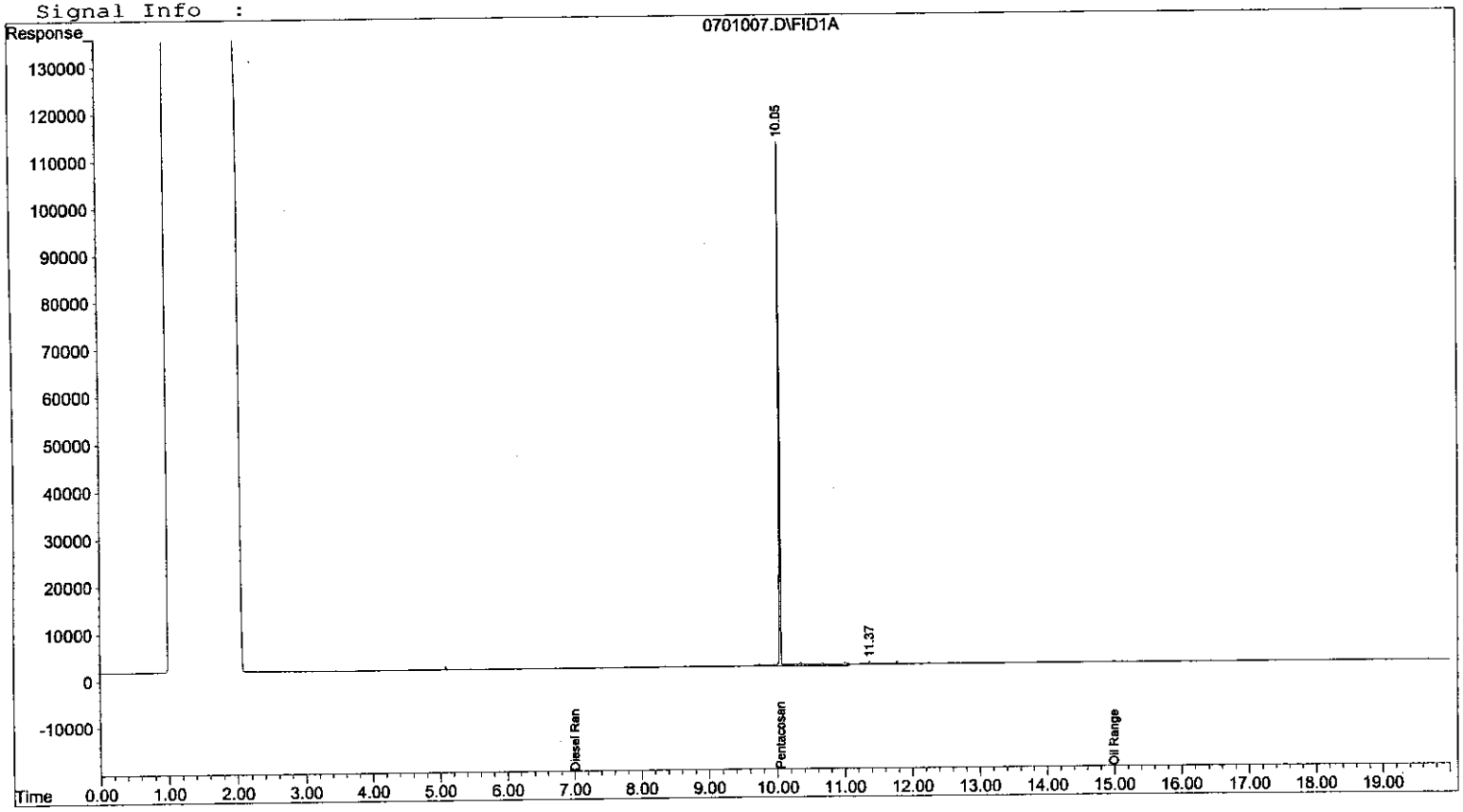
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 20\0701007.D Vial: 7
Acq On : 20 Jul 2005 18:04 Operator: KMI
Sample : 0507-0537 Inst : FID3
Misc : JLEI-MW-1 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:09 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\0801008.D Vial: 8
Acq On : 20 Jul 2005 18:30 Operator: KMI
Sample : 0507-0538 Inst : FID3
Misc : JLEI-MW-A Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:09 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

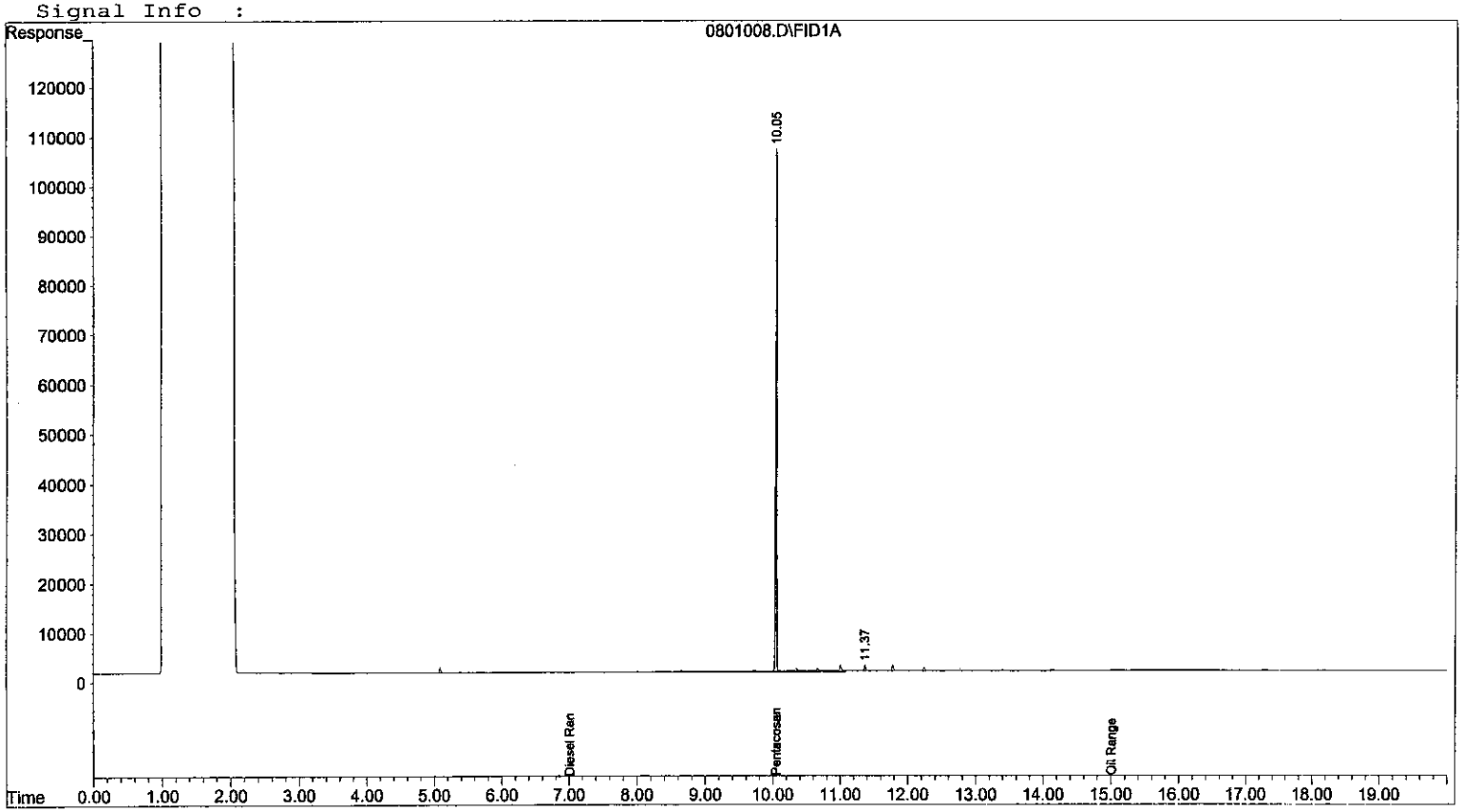
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1111092	27.821 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	111.28% 111%
Target Compounds			
2) H M Diesel Range Organics	7.00	98352	2.413 mg/L
3) H Oil Range Organics	15.00	80859	1.984 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0[illegible] 20\0801008.D Vial: 8
Acq On : 20 Jul 2005 18:30 Operator: KMI
Sample : 0507-0538 Inst : FID3
Misc : JLEI-MW-A Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:09 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331,M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\0901009.D Vial: 9
Acq On : 20 Jul 2005 18:56 Operator: KMI
Sample : 0507-0539 Inst : FID3
Misc : JLEI-MW-2 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Ini
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1031541	25.829 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	103.32% 103%
Target Compounds			
2) H M Diesel Range Organics	7.00	1661640	40.769 mg/L 4.0 mg/L
3) H Oil Range Organics	15.00	28354	0.696 mg/L

07-21-05

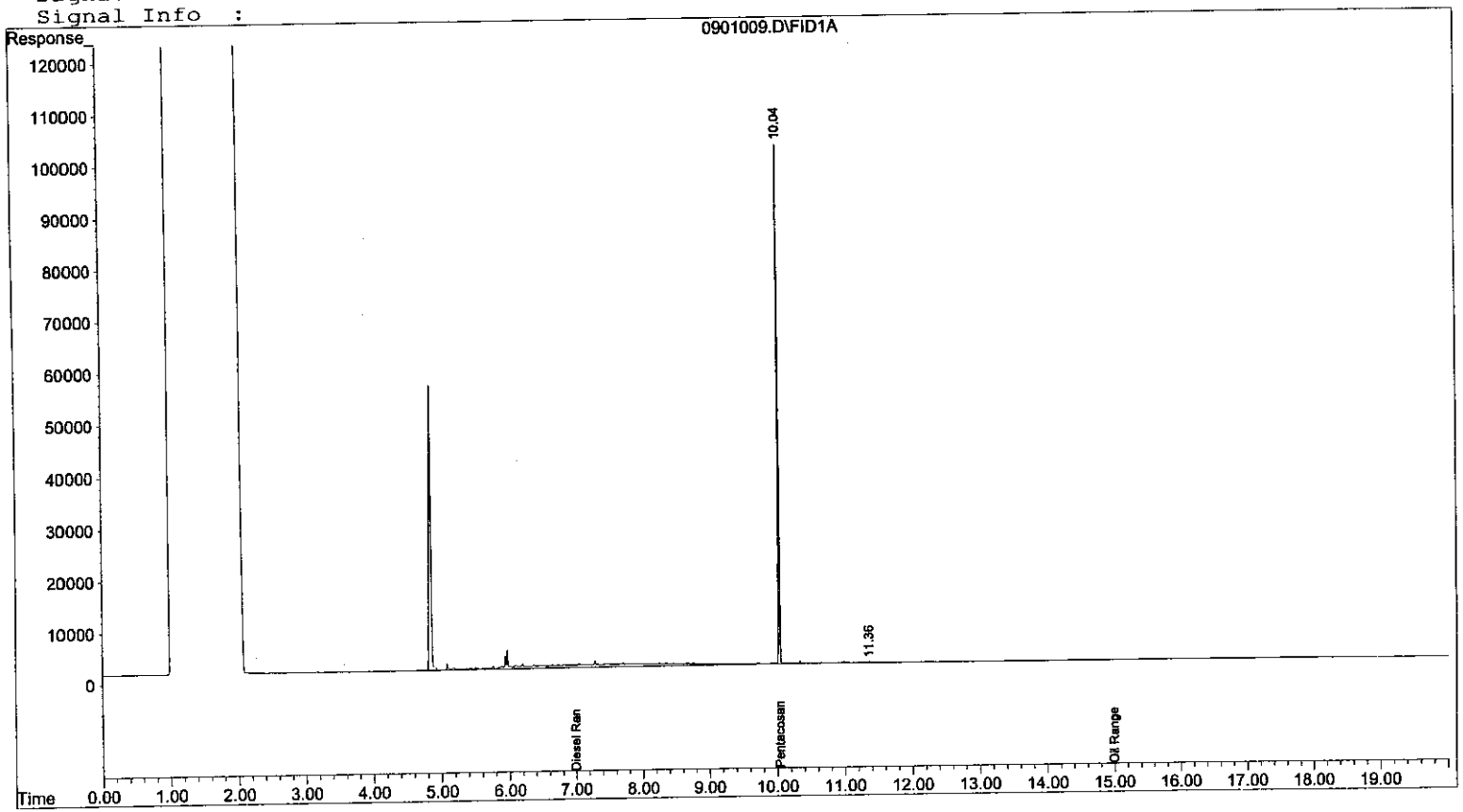
(f)=RT Delta > 1/2 Window (m)=manual int.
0901009.D 050331.M Thu Jul 21 13:10:06 2005 MSAD1 Page 1

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0! 20\0901009.D Vial: 9
Acq On : 20 Jul 2005 18:56 Operator: KMI
Sample : 0507-0539 Inst : FID3
Misc : JLEI-MW-2 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\1001010.D Vial: 10
Acq On : 20 Jul 2005 19:22 Operator: KMI
Sample : 0507-0540 Inst : FID3
Misc : JLEI-MW-3 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1064870	26.664 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	106.66% 107%
Target Compounds			
2) H M Diesel Range Organics	7.00	174376	4.278 mg/L
3) H Oil Range Organics	15.00	28701	0.704 mg/L

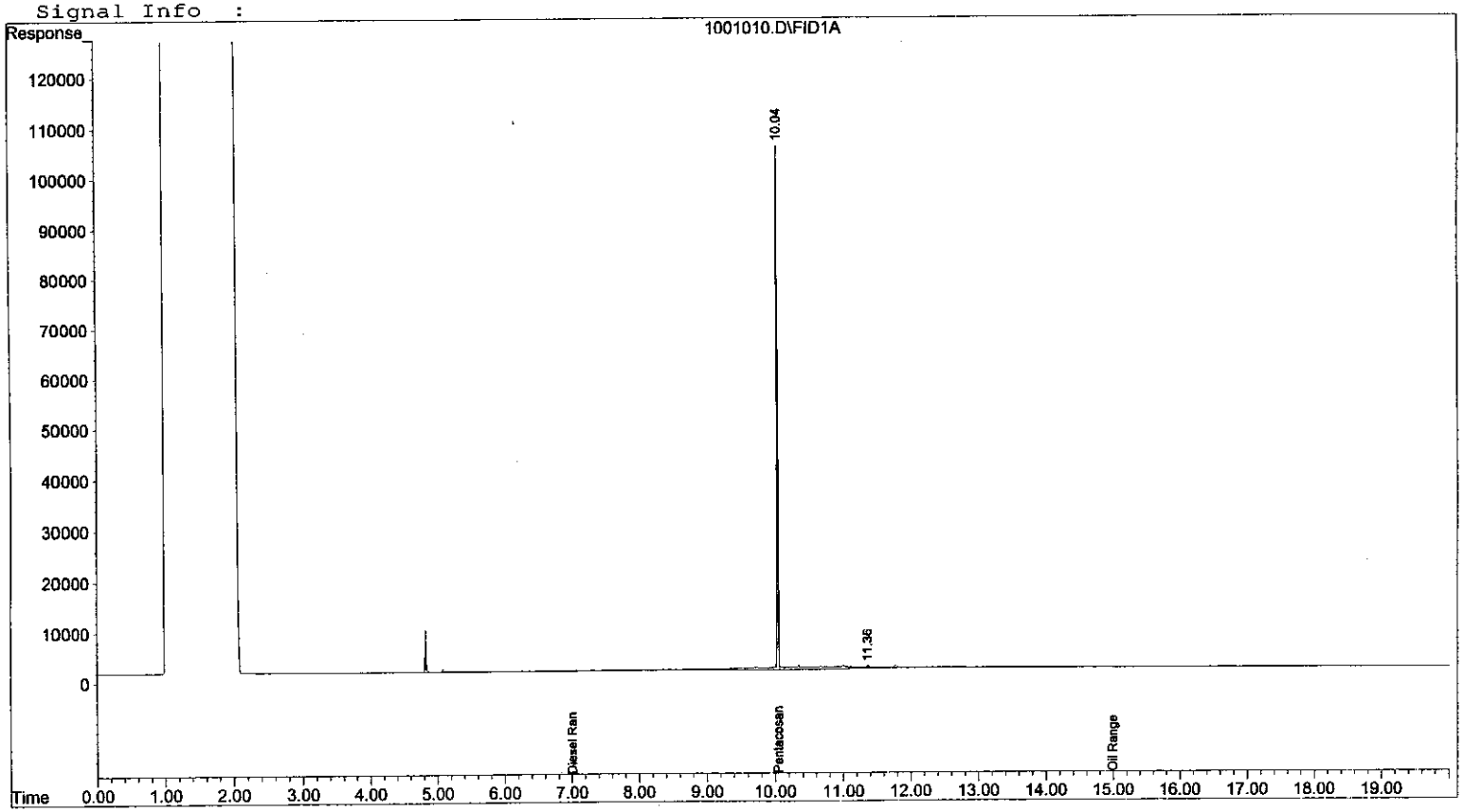
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0' 20\1001010.D Vial: 10
Acq On : 20 Jul 2005 19:22 Operator: KMI
Sample : 0507-0540 Inst : FID3
Misc : JLEI-MW-3 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:10 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\1201012.D Vial: 12
Acq On : 20 Jul 2005 20:13 Operator: KMI
Sample : 0507-0542 Inst : FID3
Misc : JLEI-MW-5 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:11 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1093087	27.370 mg/L 109%
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.48%
Target Compounds			
2) H M Diesel Range Organics	7.00	2196541	53.892 mg/L 5.4mg/L
3) H Oil Range Organics	15.00	87895	2.157 mg/L

07-31-05

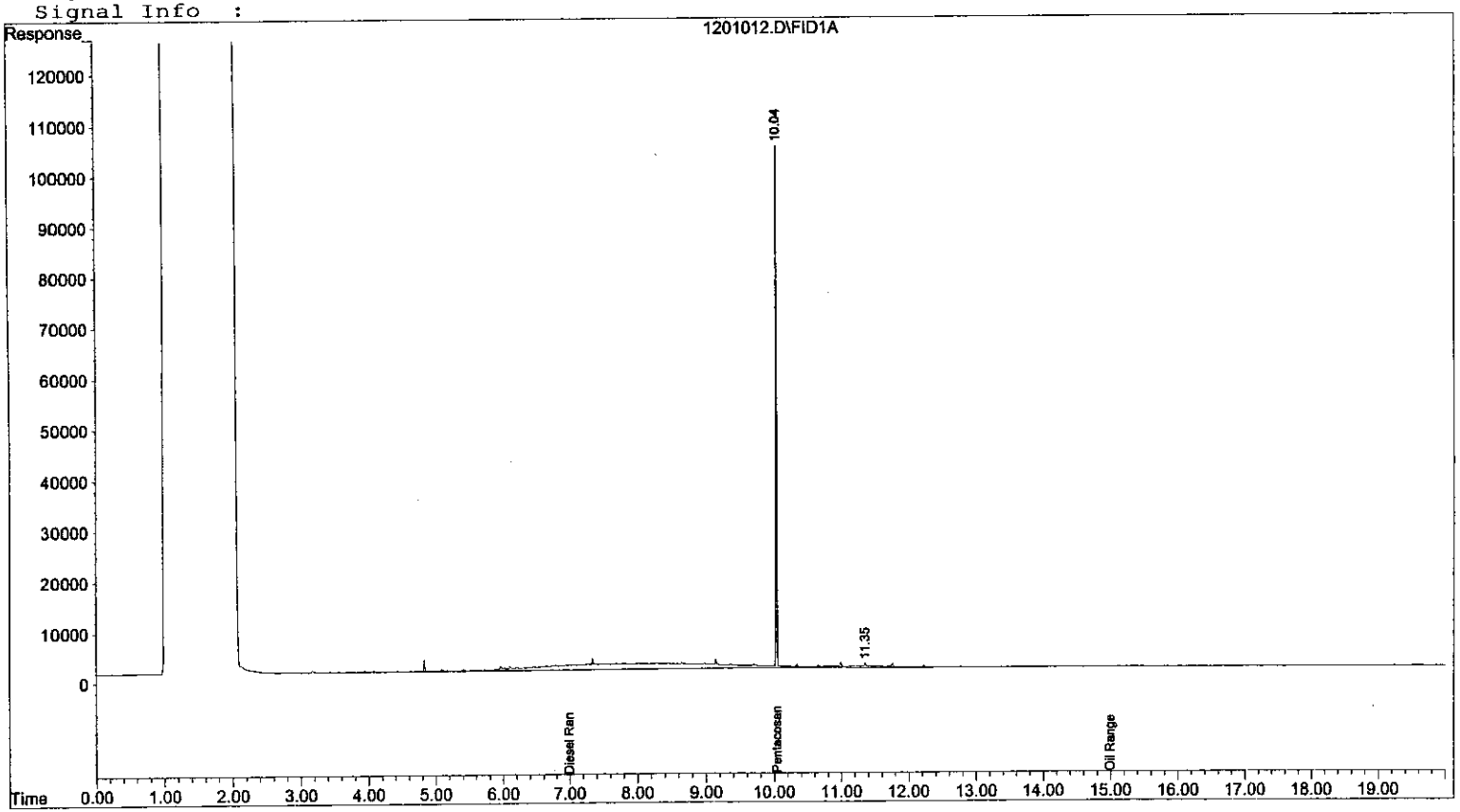
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

D. File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 '20\1201012.D Vial: 12
Acq On : 20 Jul 2005 20:13 Operator: KMI
Sample : 0507-0542 Inst : FID3
Misc : JLEI-MW-5 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:11 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\1301013.D Vial: 13
Acq On : 20 Jul 2005 20:39 Operator: KMI
Sample : 0507-0543 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:12 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

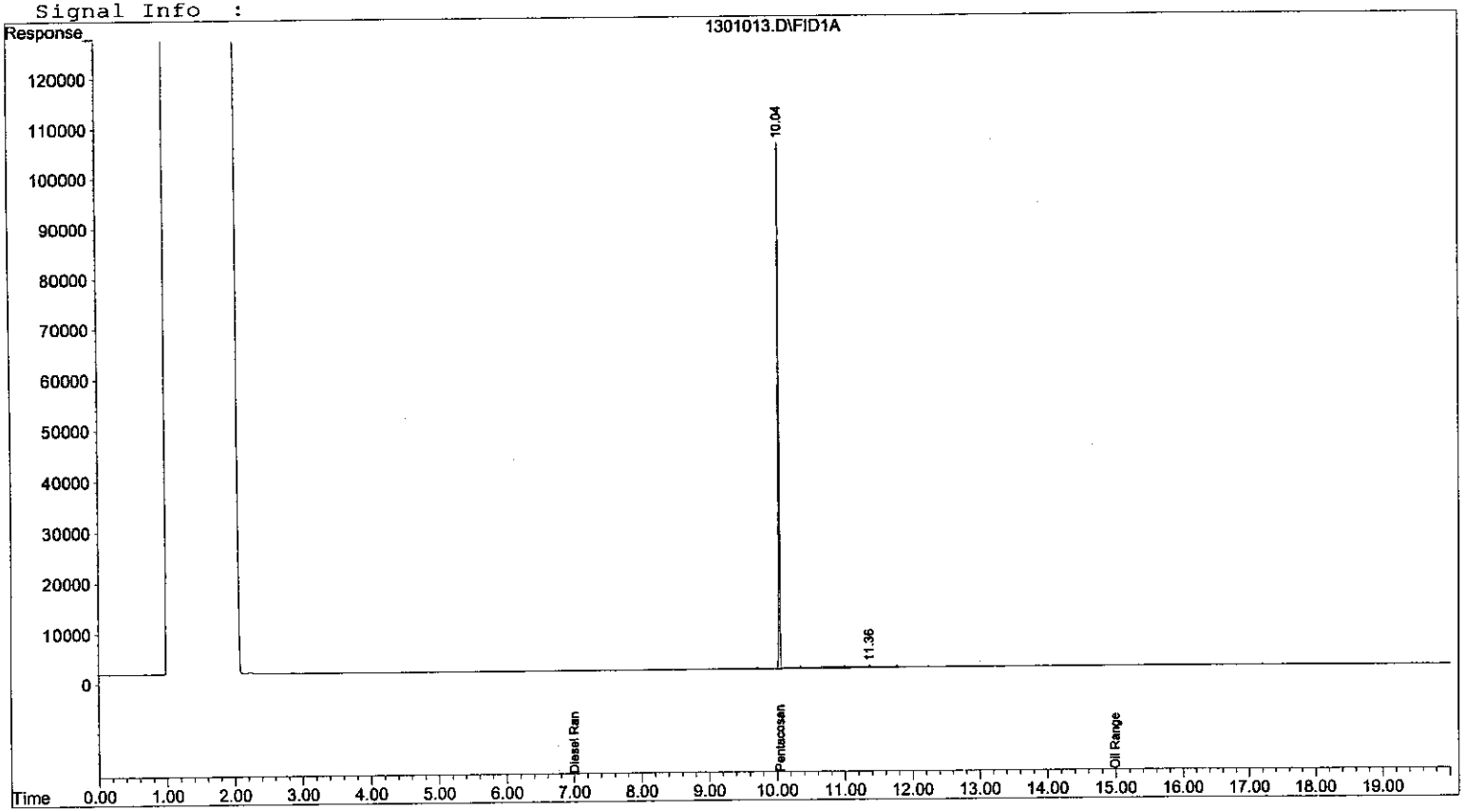
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1105156	27.673 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	110.69% 111%
Target Compounds			
2) H M Diesel Range Organics	7.00	42656	1.047 mg/L
3) H Oil Range Organics	15.00	28539	0.700 mg/L

Quantitation Report

D. File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 '20\1301013.D Vial: 13
Acq On : 20 Jul 2005 20:39 Operator: KMI
Sample : 0507-0543 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:12 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\1401014.D Vial: 14
Acq On : 20 Jul 2005 21:05 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:12 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1181784	29.591 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	118.36% 118%
Target Compounds			
2) H M Diesel Range Organics	7.00	45466656	1115.530 mg/L 112%
3) H Oil Range Organics	15.00	40350	0.990 mg/L

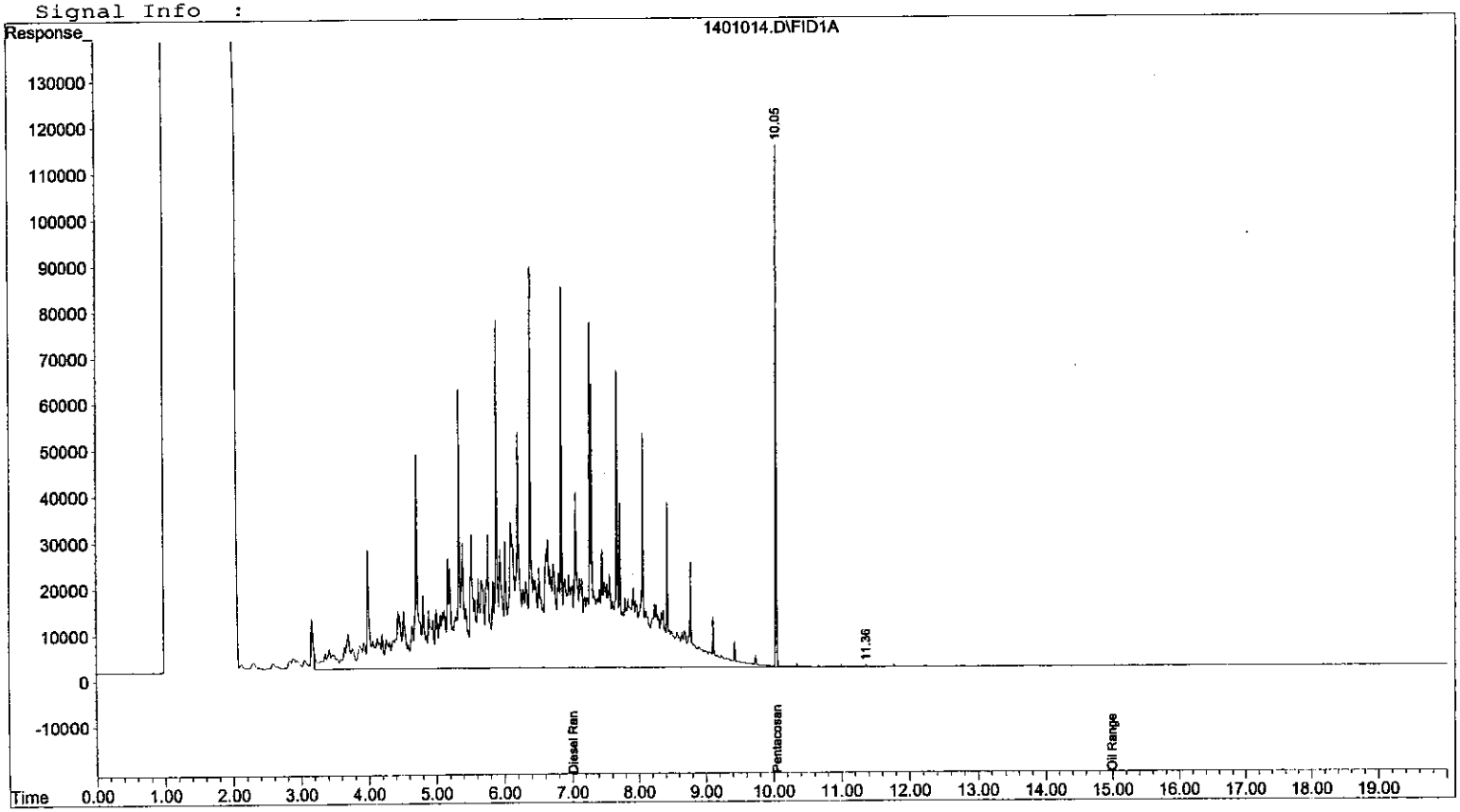
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 20\1401014.D Vial: 14
Acq On : 20 Jul 2005 21:05 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:12 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\1501015.D Vial: 15
Acq On : 20 Jul 2005 21:30 Operator: KMI
Sample : 0507-0544 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:12 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

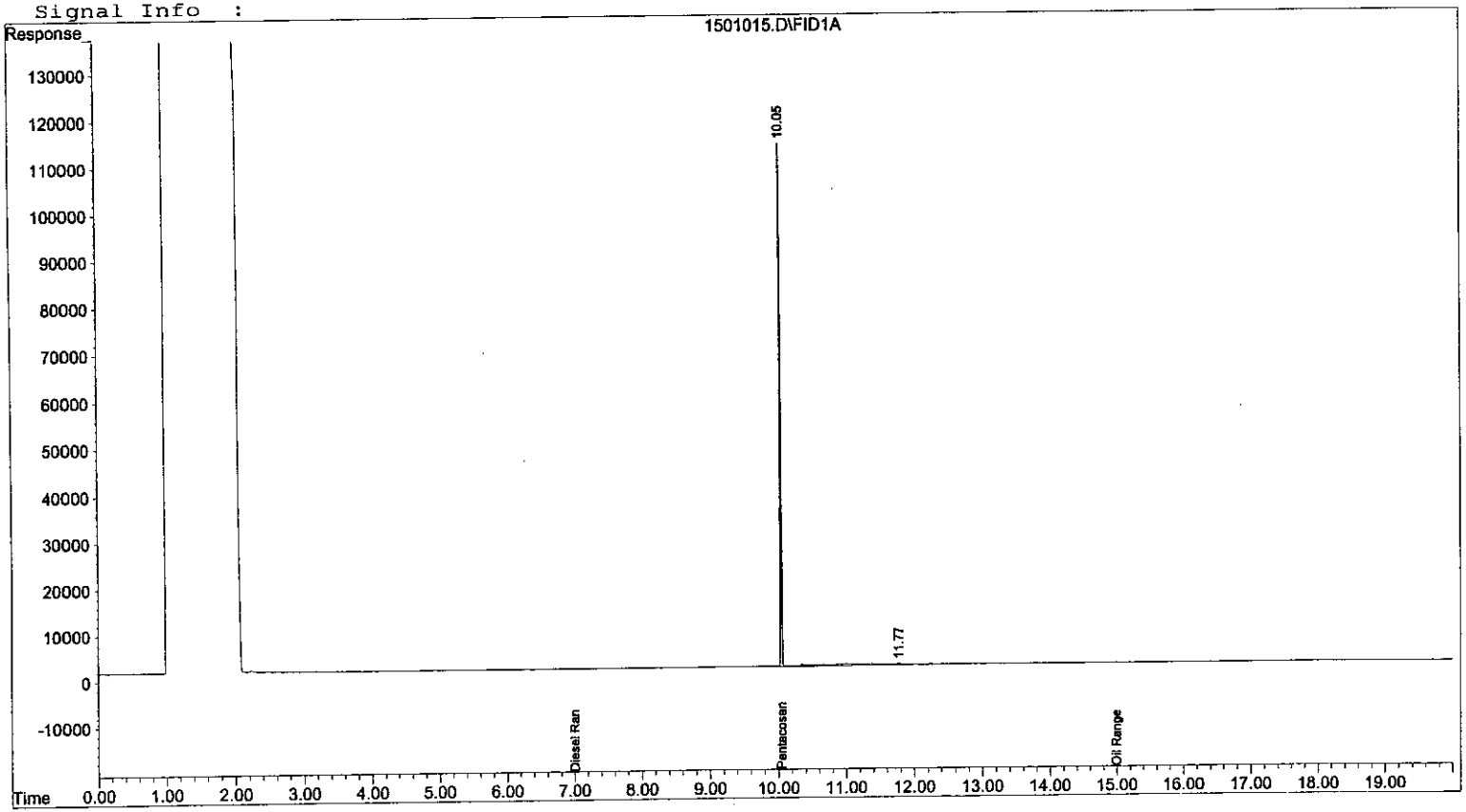
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1169644	29.287 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	117.15% 117%
Target Compounds			
2) H M Diesel Range Organics	7.00	44358	1.088 mg/L
3) H Oil Range Organics	15.00	25815	0.633 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 20\1501015.D Vial: 15
Acq On : 20 Jul 2005 21:30 Operator: KMI
Sample : 0507-0544 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:12 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\2201022.D Vial: 22
Acq On : 21 Jul 2005 00:31 Operator: KMI
Sample : 0507-0667 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:14 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1158074	28.998 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	115.99% 116%
Target Compounds			
2) H M Diesel Range Organics	7.00	48695	1.195 mg/L
3) H Oil Range Organics	15.00	34775	0.853 mg/L

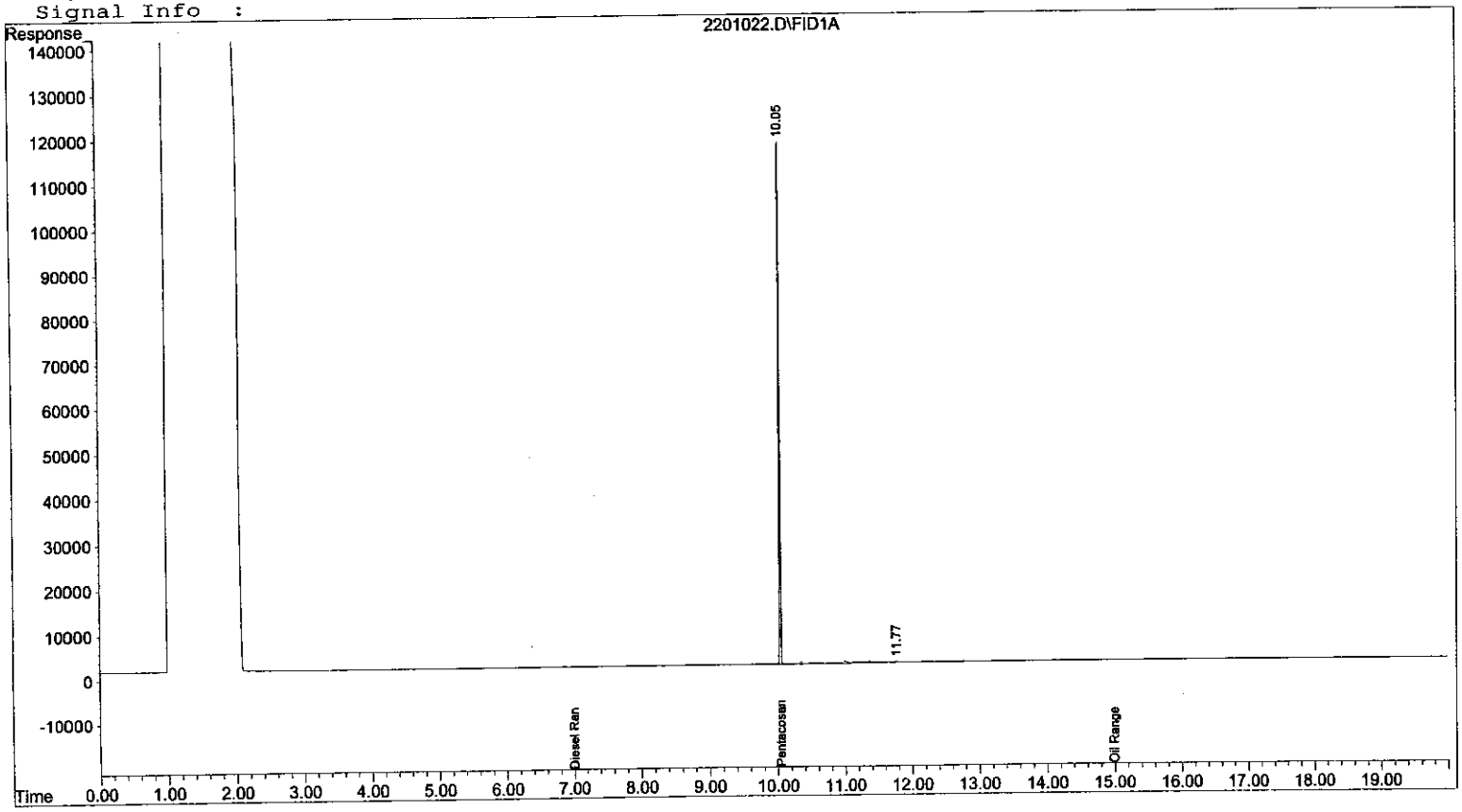
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Dat File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 0\2201022.D Vial: 22
Acq On : 21 Jul 2005 00:31 Operator: KMI
Sample : 0507-0667 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:14 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\2501025.D Vial: 25
Acq On : 21 Jul 2005 1:48 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:14 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1173333	29.380 mg/L 118%
Spiked Amount 25.000 Range 80 - 144		Recovery = 117.52%	
Target Compounds			
2) H M Diesel Range Organics	7.00	45374083	1113.259 mg/L 111%
3) H Oil Range Organics	15.00	28967	0.711 mg/L

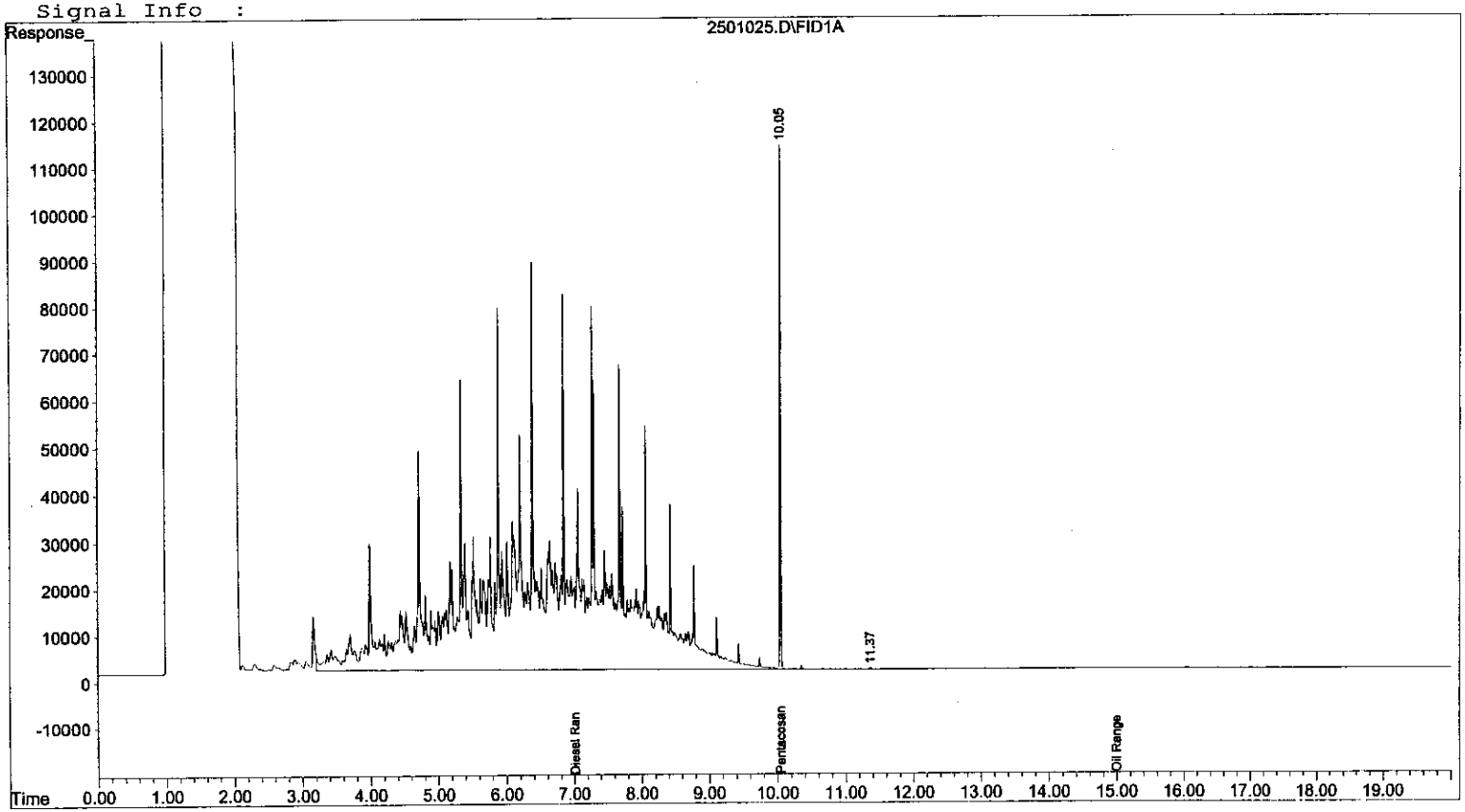
(f)=RT Delta > 1/2 Window (m)=manual int.
2501025.D 050331.M Thu Jul 21 13:15:00 2005 MSAD1 Page 1

Quantitation Report

Dat File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 !0\2501025.D Vial: 25
Acq On : 21 Jul 2005 1:48 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:14 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\2601026.D Vial: 26
Acq On : 21 Jul 2005 2:14 Operator: KMI
Sample : 0507-0667 ms Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:15 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

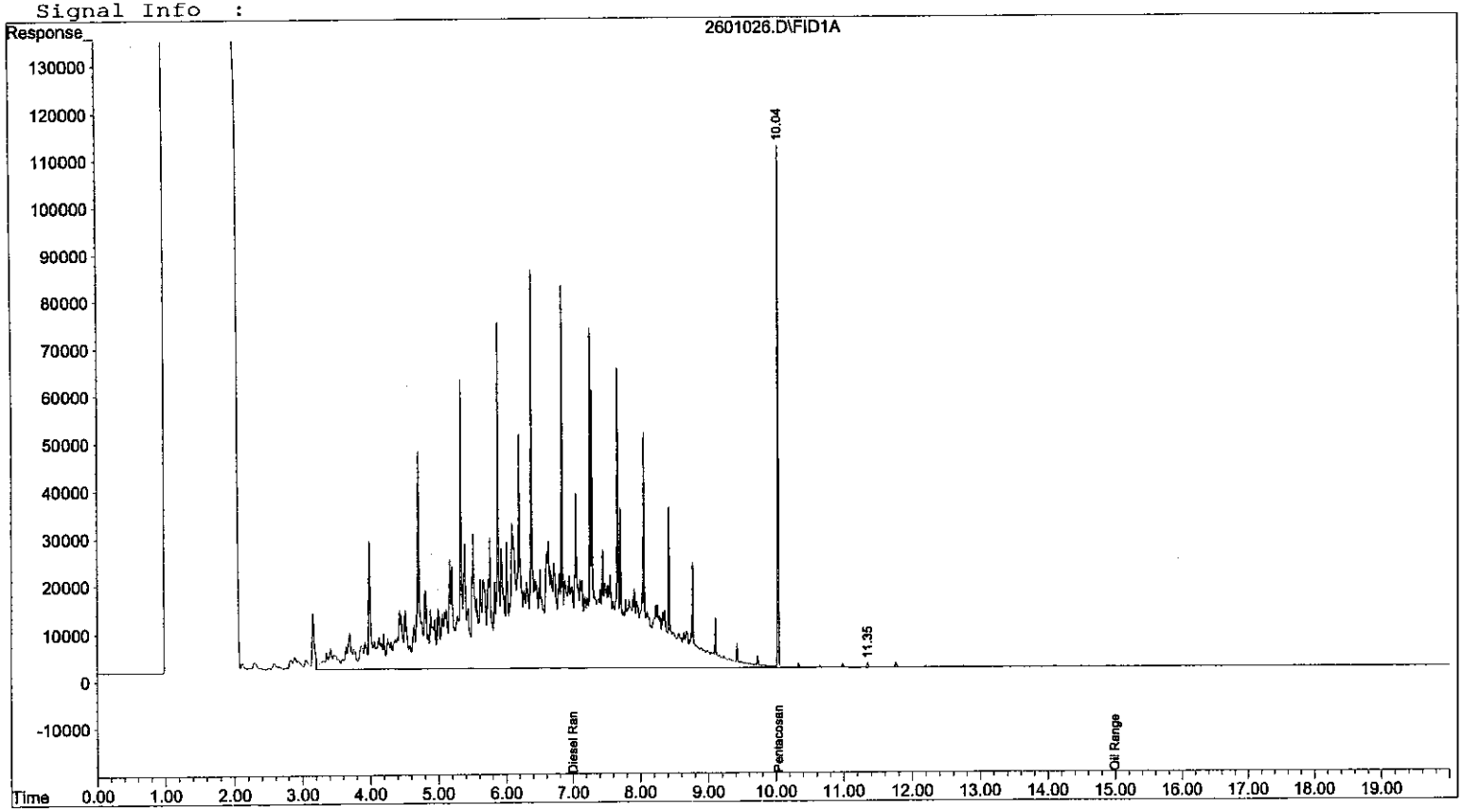
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1156475	28.958 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery = 115.83%	116%
Target Compounds			
2) H M Diesel Range Organics	7.00	43839478	1075.607 mg/L 108%
3) H Oil Range Organics	15.00	70320	1.725 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0' 20\2601026.D Vial: 26
Acq On : 21 Jul 2005 2:14 Operator: KMI
Sample : 0507-0667 ms Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:15 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\2701027.D Vial: 27
Acq On : 21 Jul 2005 2:39 Operator: KMI
Sample : 0507-0667 msd Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:15 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1144154	28.649 mg/L 115%
Spiked Amount 25.000 Range 80 - 144		Recovery =	114.60%
Target Compounds			
2) H M Diesel Range Organics	7.00	42948298	1053.742 mg/L 105%
3) H Oil Range Organics	15.00	25147	0.617 mg/L

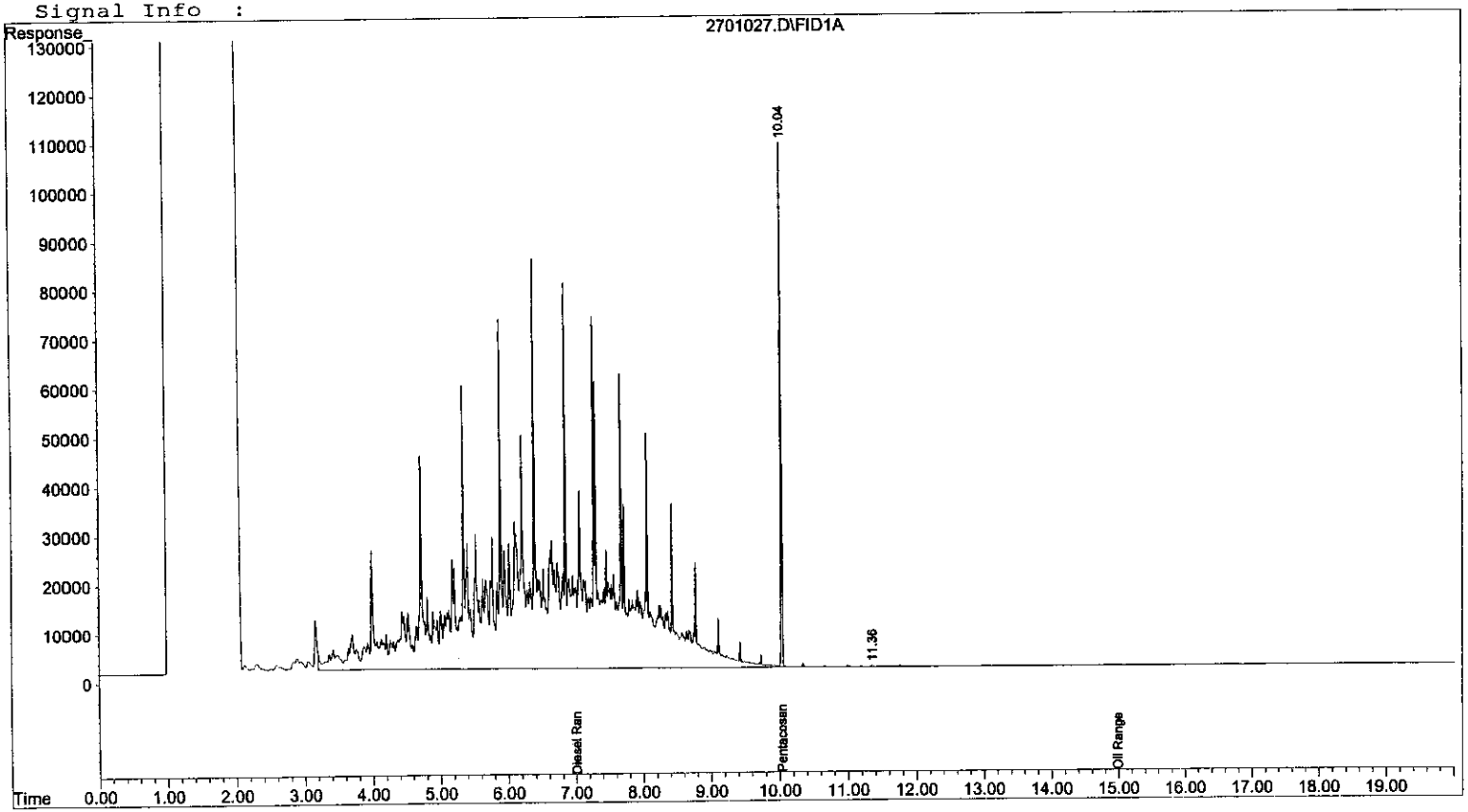
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 20\2701027.D Vial: 27
Acq On : 21 Jul 2005 2:39 Operator: KMI
Sample : 0507-0667 msd Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:15 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\3601036.D Vial: 36
Acq On : 21 Jul 2005 6:30 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:17 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1197961	29.996 mg/L 120%
Spiked Amount 25.000 Range 80 - 144		Recovery =	119.98%
Target Compounds			
2) H M Diesel Range Organics	7.00	46282939	1135.558 mg/L 114%
3) H Oil Range Organics	15.00	31663	0.777 mg/L

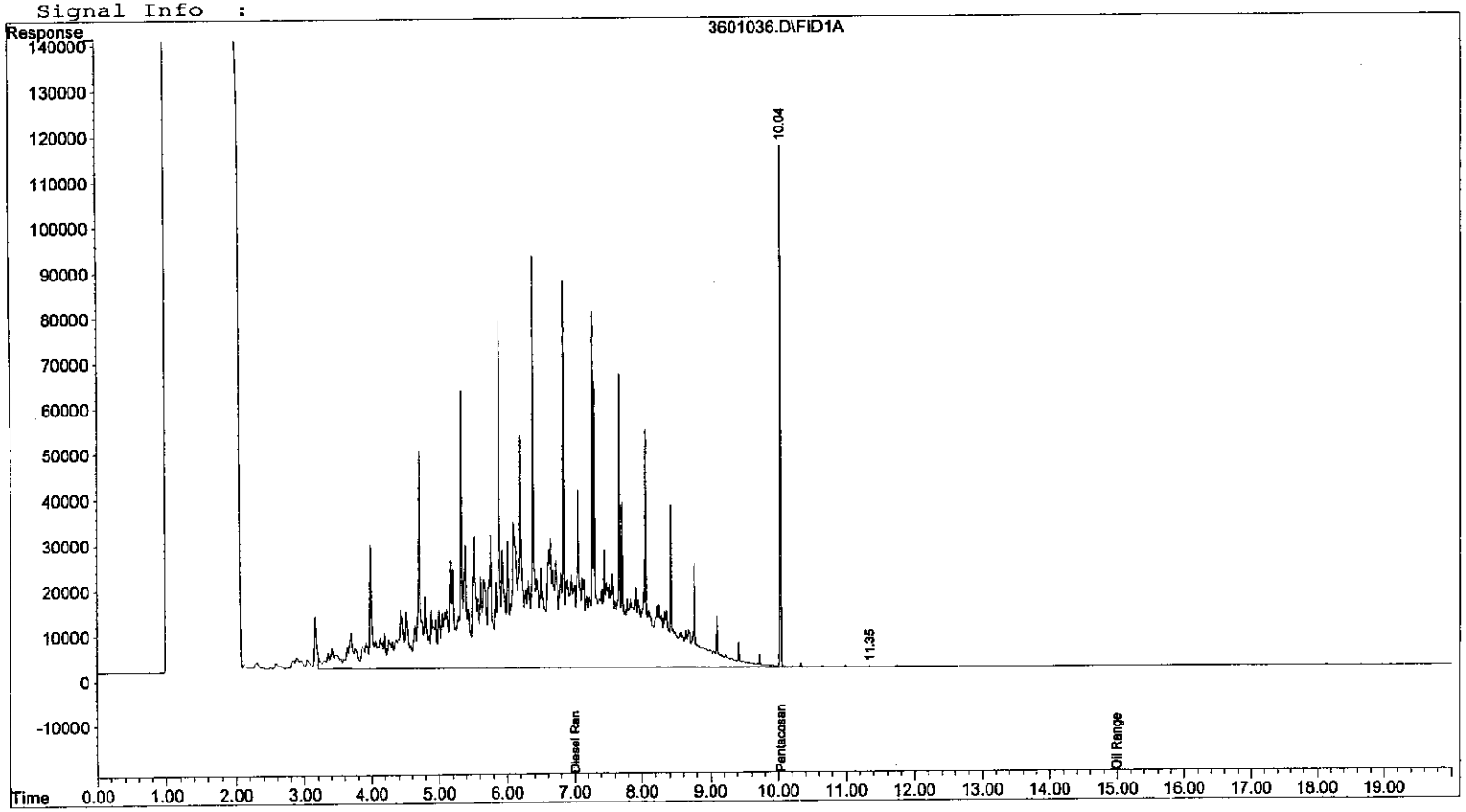
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0! 20\3601036.D Vial: 36
Acq On : 21 Jul 2005 6:30 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:17 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



P.O. Box 325, San Germán, Puerto Rico 00683

otebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	DCM	N/A	N/A	0101001	1	Aqueous	1	07-25-05	[illegible]	
2	↓	DCM	↓	↓	0201002	2	↓	↓	↓	↓	
3	↓	1000001	↓	↓	0301003	3	↓	↓	↓	↓	
4	05-1657	0507-0811	5049	JLEJ-MW-4	0401004	4	↓	20x	↓	↓	
5	N/A	1000001	N/A	N/A	0501005	5	↓	1	↓	↓	
6											
7											
8											
9											
10											
11											
12											
13											
14									30	7/25/05	

Surrogate ID: SUGC-1-011C LCS/MS/MSD Spike ID: SUGC-1-007A ICV/CCV Spike ID: SCSU-1-028 DCM ID: Lot. X21828

Surrogate ID: SUGC-1-011B LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: N/A LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

[illegible] 07-25-05 N/A [illegible] 07-25-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0301003.D Vial: 3
Acq On : 25 Jul 2005 10:47 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 12:34 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1128342	28.253 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	113.01% 113%
Target Compounds			
2) H M Diesel Range Organics	7.00	43258544	1061.354 mg/L 106%
3) H Oil Range Organics	15.00	169026	4.147 mg/L

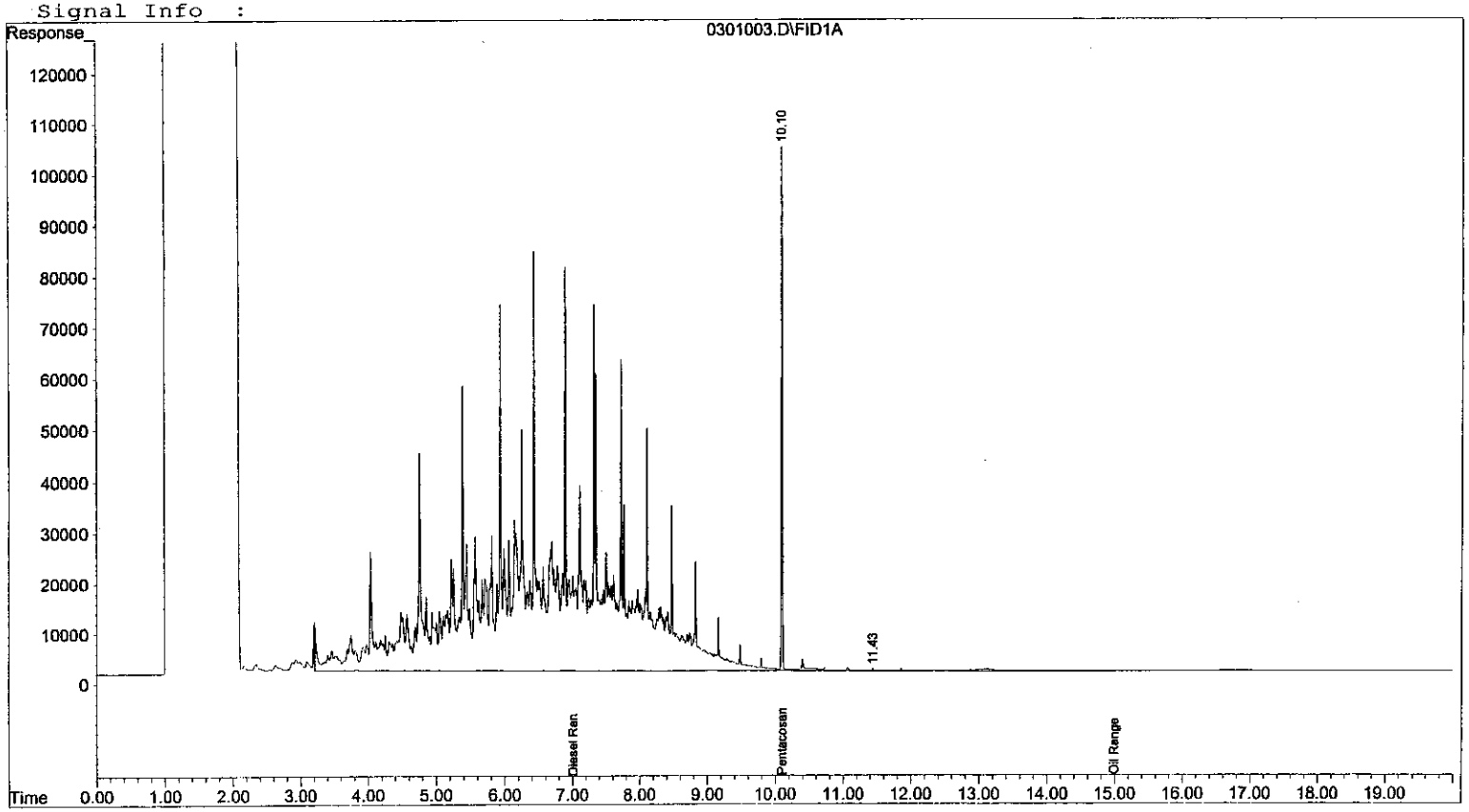
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Dat. File : O:\ORGANICS\HPCHEM\FID-003\DATA\05\ 5\0301003.D Vial: 3
Acq On : 25 Jul 2005 10:47 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 12:34 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0401004.D Vial: 4
Acq On : 25 Jul 2005 11:13 Operator: KMI
Sample : 0507-0541 20X Inst : FID3
Misc : JLEI-MW-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 12:35 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.09	64332	1.611 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	6.44%#
Target Compounds			
2) H M Diesel Range Organics	7.00	13433413	329.590 mg/L X20 = 6600 mg/L
3) H Oil Range Organics	15.00	64703	1.587 mg/L X20 =

① 070505

① 070505

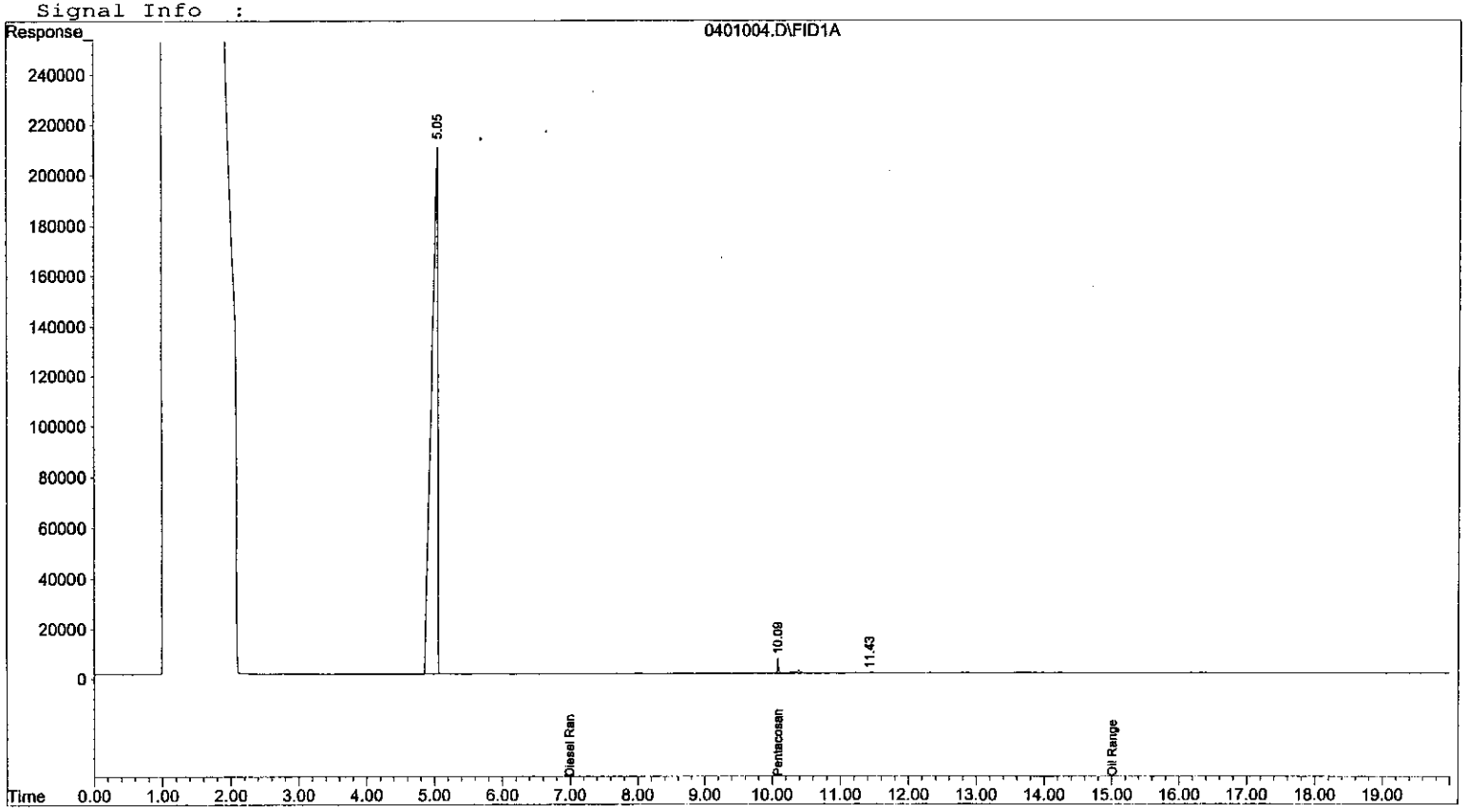
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da. File : O:\ORGANICS\HPCHEM\FID-003\DATA\05 25\0401004.D Vial: 4
Acq On : 25 Jul 2005 11:13 Operator: KMI
Sample : 0507-0541 20X Inst : FID3
Misc : JLEI-MW-4 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 12:35 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050725\0501005.D Vial: 5
Acq On : 25 Jul 2005 11:39 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 15:11 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

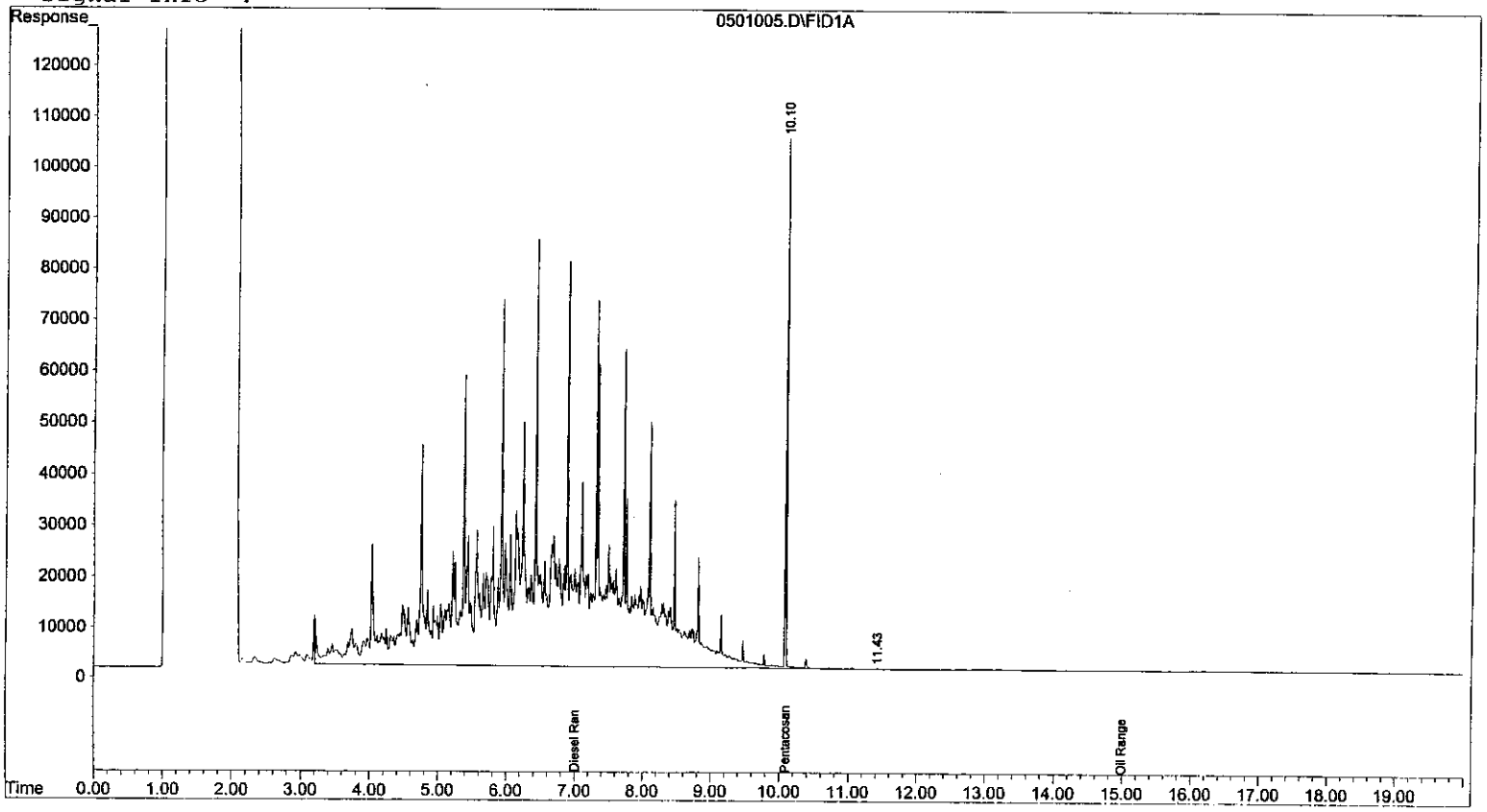
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.10	1131399	28.330 mg/L 113%
Spiked Amount 25.000 Range 80 - 144		Recovery = 113.32%	
Target Compounds			
2) H M Diesel Range Organics	7.00	43226907	1060.577 mg/L 106%
3) H Oil Range Organics	15.00	36614	0.898 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0! 25\0501005.D Vial: 5
Acq On : 25 Jul 2005 11:39 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 25 15:11 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-351	is1	GC-S-1-354	m1	GC-1-111D	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

AP 7/19/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	Instrument BL	n/a	n/a	001F0101	Water	5mL	1	7/18/05 10:19 **Run# 3921**	
2	n/a	GRO CCV	n/a	n/a	001F0201	Water	5mL	1	7/18/05 10:51	
3	n/a	BTEX CCV	n/a	n/a	002F0301	Water	5mL	1	7/18/05 11:23	
4	n/a	MB Aq	n/a	2057/2058	003F0401	Water	5mL	1	7/18/05 12:43	
5	n/a	LCS Aq	n/a	2057/2058	004F0501	Water	5mL	1	7/18/05 13:15	
6	n/a	LCSD Aq	n/a	2057/2058	005F0601	Water	5mL	1	7/18/05 13:47	
7	05-1619	0306	n/a	1994/1995	006F0701	Soil	10.01g	5	7/18/05 15:16	
8	05-1619	0310	n/a	1994/1995	007F0801	Soil	10.01g	5	7/18/05 15:48	
9	05-1619	0311	n/a	1994/1995	008F0901	Soil	10.01g	2	7/18/05 16:21	
10	05-1619	0304	n/a	1994/1995	009F1001	Soil	9.98g	10	7/18/05 16:53	
11	05-1713	0803	<2	2057/2058	010F1101	Water	5mL	1	7/18/05 17:25	
12	05-1713	0804	<2	2057/2058	011F1201	Water	5mL	1	7/18/05 17:57 RR 2X E	
13	05-1713	0805	<2	2057/2058	012F1301	Water	5mL	1	7/18/05 18:29	
14	n/a	GRO CCV	n/a	n/a	013F1401	Water	5mL	1	7/18/05 19:02	
15	n/a	BTEX CCV	n/a	n/a	014F1501	Water	5mL	1	7/18/05 19:34	
16	05-1713	0806	<2	2057/2058	015F1601	Water	5mL	1	7/18/05 20:06	
17	05-1713	0807	<2	2057/2058	016F1701	Water	5mL	1	7/18/05 20:39	
18	05-1714	0808	<2	2057/2058	017F1801	Water	5mL	1	7/18/05 21:11	
19	05-1714	0809	<2	2057/2058	018F1901	Water	5mL	1	7/18/05 21:43	
20	05-1714	0810	<2	2057/2058	019F2001	Water	5mL	1	7/18/05 22:16	
21	05-1714	0811	<2	2057/2058	020F2101	Water	5mL	1	7/18/05 22:47	

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-351	is1	GC-S-1-354	m1	GC-1-111D	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

RP 7/19/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1714	0812	<2	2057/2058	021F2201	Water	5mL	1	7/18/05 23:20	
23	05-1684	0678	<2	2057	022F2301	Water	5mL	1	7/18/05 23:52	
24	05-1684	0679	>2	2057	023F2401	Water	5mL	1	7/19/05 0:25 **Run# 3923**	Not preserved, pH>2
25	05-1684	0680	<2	2057	024F2501	Water	5mL	1	7/19/05 0:57	Headspace in vial.
26	n/a	GRO CCV	n/a	n/a	025F2601	Water	5mL	1	7/19/05 1:30	
27	n/a	BTEX CCV	n/a	n/a	026F2701	Water	5mL	1	7/19/05 2:02	
28	05-1657	0537	<2	n/a	027F2801	Water	5mL	1	7/19/05 2:35	Foam-over, RR 10X-- DNR
29	05-1657	0538	<2	n/a	028F2901	Water	5mL	1	7/19/05 3:07	Foam-over, RR 10X-- DNR
30	05-1657	0539	<2	n/a	029F3001	Water	5mL	1	7/19/05 3:39	Foam-over, RR 10X-- DNR
31	05-1657	0540	<2	2057/2058	030F3101	Water	5mL	1	7/19/05 4:11	
32	05-1657	0541	<2	2057/2058	031F3201	Water	5mL	1	7/19/05 4:43	RR 20X G--Large unknown peak in GRO range.
33	05-1657	0542	<2	2057/2058	032F3301	Water	5mL	1	7/19/05 5:15	RR 10X G--Large unknown peak in GRO range.
34	n/a	MB Aq	n/a	2059/2060	033F3401	Water	5mL	1	7/19/05 5:48	
35	n/a	LCS Aq	n/a	2059/2060	034F3501	Water	5mL	1	7/19/05 6:20	
36	n/a	LCSD Aq	n/a	2059/2060	035F3601	Water	5mL	1	7/19/05 6:53	
37	05-1657	0543	<2	2059/2060	036F3701	Water	5mL	1	7/19/05 7:25	
38	n/a	GRO CCV	n/a	n/a	037F3801	Water	5mL	1	7/19/05 7:57	
39	n/a	BTEX CCV	n/a	n/a	038F3901	Water	5mL	1	7/19/05 8:30	
40	05-1657	0544	<2	2059/2060	039F4001	Water	5mL	1	7/19/05 9:02	
41	05-1657	0545	<2	2059/2060	040F4101	Water	5mL	1	7/19/05 9:35	
42	05-1665	0583	<2	n/a	041F4201	Water	5mL	1	7/19/05 10:07	Foam-over, RR 10X-- DNR

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 4

KP 7/20/05

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-351	is1	GC-S-1-354	m1	GC-1-111D	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	05-1665	0584	<2	2059/2060	042F4301	Water	5mL	1	7/19/05 10:39	Foam-over, RR 10X- DNR
2	05-1713	0804	>2	2059/2060	043F4401	Water	2.5mL	2	7/19/05 11:11	Sample was unpreserved.
3	05-1665	0586	<2	2059/2060	044F4501	Water	5mL	1	7/19/05 11:44	
4	05-1665	0587	<2	2059/2060	045F4601	Water	5mL	1	7/19/05 12:16	Foam-over, RR 10X- DNR
5	05-1665	0588	<2	2059/2060	046F4701	Water	5mL	1	7/19/05 12:48	
6	05-1665	0589	<2	2059/2060	047F4801	Water	5mL	1	7/19/05 13:21	RR 20X G,E,mp
7	05-1665	0590	<2	2059/2060	048F4901	Water	5mL	1	7/19/05 13:52	Foam-over, RR 10X- DNR
8	n/a	GRO CCV	<2	n/a	049F5001	Water	5mL	1	7/19/05 14:25	Reran CCV pair due to carry-over.
9	n/a	BTEX CCV	<2	n/a	050F5101	Water	5mL	1	7/19/05 14:57	
10	n/a	GRO CCV	<2	n/a	052F5201	Water	5mL	1	7/19/05 16:03	
11	n/a	BTEX CCV	<2	n/a	053F5301	Water	5mL	1	7/19/05 16:35	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

n-Spiked Sample: 003F0401.D

	Spike Sample	Spike Duplicate Sample
File ID :	004F0501.D	005F0601.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	18-Jul-2005, 13:15:34	18-Jul-2005, 13:47:56

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1484	1517	91	93	2	20	70-130
Benzene	0.0	23	27	28	117	124	6	20	70-130
Toluene	0.0	123	134	125	109	102	7	20	70-130
Ethylbenzene	0.0	29	27	28	92	96	4	20	70-130
m,p-Xylene	0.0	103	101	101	98	99	1	20	70-130
o-Xylene	0.0	42	41	48	99	115	15	20	70-130

- Fails Limit Check

0617ARCH.M Tue Jul 19 09:15:05 2005 VOA

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

n-Spiked Sample: 033F3401.D

	Spike Sample	Spike Duplicate Sample
File ID :	034F3501.D	035F3601.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	19-Jul-2005, 06:20:26	19-Jul-2005, 06:53:12

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1362	1451	82	88	6	20	70-130
Benzene	0.0	23	26	28	113	123	9	20	70-130
Toluene	0.0	123	119	127	97	103	7	20	70-130
Ethylbenzene	0.0	29	27	30	91	100	10	20	70-130
m,p-Xylene	0.0	103	99	103	96	100	4	20	70-130
o-Xylene	0.0	42	37	43	88	103	16	20	70-130

- Fails Limit Check

0617ARCH.M Tue Jul 19 10:06:25 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\001F0201.D\FID1A.CH Vial: 1
Acq On : 18-Jul-2005, 10:51:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\001F0201.D\FID2B.CH Vial: 1
Acq On : 18-Jul-05, 10:51:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 18 13:09 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6717	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1673878	107.189 ug/L
Spiked Amount 100.000		Recovery =	107.19%
11) S 4-Bromofluorobenzene	9.44	21200	90.058 ug/L
Spiked Amount 100.000		Recovery =	90.06%
Target Compounds			
1) H T M Gasoline	8.00	24524608	895.695 ug/L
5) T Methyl-tert-butyl ether	1.35	1101	19.967 ug/L
6) T M Benzene	2.48	3894	16.195 ug/L
7) T M Toluene	5.16	22798	67.724 ug/L
8) T M Ethylbenzene	7.91	4161	10.657 ug/L
9) T M m,p-Xylene	8.16	22262	50.095 ug/L
10) T M o-Xylene	8.79	7001	19.070 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6250	11.072 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14037	32.987 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

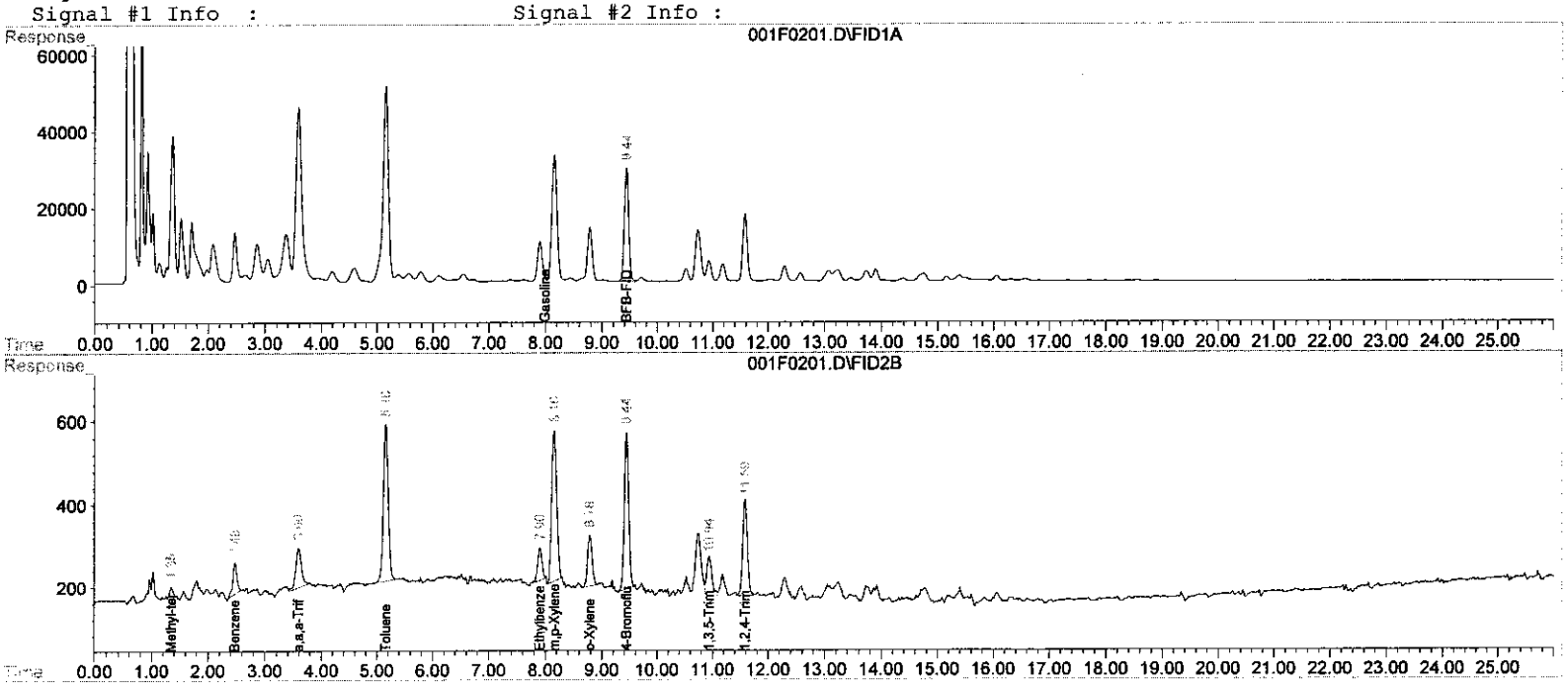
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\001F 1.D\FID1A.CH Vial: 1
Acq On : 18-Jul-2005, 10:51:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\001F0201.D\FID2B.CH Vial: 1
Acq On : 18-Jul-05, 10:51:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 18 13:09 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\002F0301.D\FID1A.CH Vial: 2
Acq On : 18-Jul-2005, 11:23:48 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\002F0301.D\FID2B.CH Vial: 2
Acq On : 18-Jul-05, 11:23:48 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 18 13:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6330	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1611056	103.156 ug/L
Spiked Amount 100.000		Recovery =	103.16%
11) S 4-Bromofluorobenzene	9.44	22188	100.016 ug/L
iked Amount 100.000		Recovery =	100.02%
Target Compounds			
1) H T M Gasoline	8.00	19106078	667.675 ug/L
5) T Methyl-tert-butyl ether	1.35	1907	37.134 ug/L
6) T M Benzene	2.48	12887	53.173 ug/L
7) T M Toluene	5.17	16075	50.418 ug/L
8) T M Ethylbenzene	7.91	15545	49.588 ug/L
9) T M m,p-Xylene	8.17	41110	100.617 ug/L
10) T M o-Xylene	8.79	17352	51.693 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	25326	47.610 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19920	50.244 ug/L
14) T Naphthalene	16.06	11015	53.297 ug/L

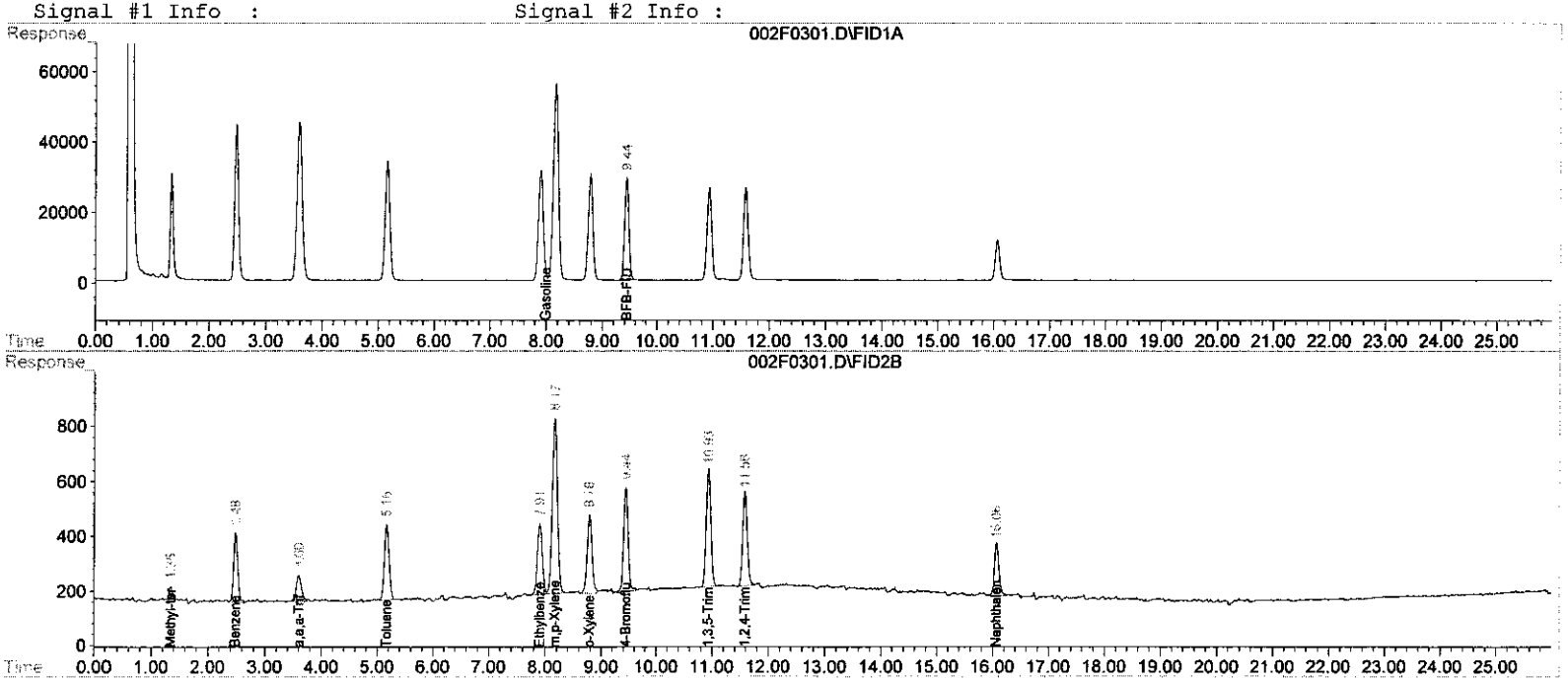
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\002F 1.D\FID1A.CH Vial: 2
Acq On : 18-Jul-2005, 11:23:48 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\002F0301.D\FID2B.CH Vial: 2
Acq On : 18-Jul-05, 11:23:48 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 18 13:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\003F0401.D\FID1A.CH Vial: 3
Acq On : 18-Jul-2005, 12:43:18 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\003F0401.D\FID2B.CH Vial: 3
Acq On : 18-Jul-05, 12:43:18 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 9:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6605	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1595995	102.190 ug/L
Spiked Amount 100.000		Recovery =	102.19%
11) S 4-Bromofluorobenzene	9.44	21499	92.883 ug/L
Spiked Amount 100.000		Recovery =	92.88%
Target Compounds			
1) H T M Gasoline	8.00	2929985	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

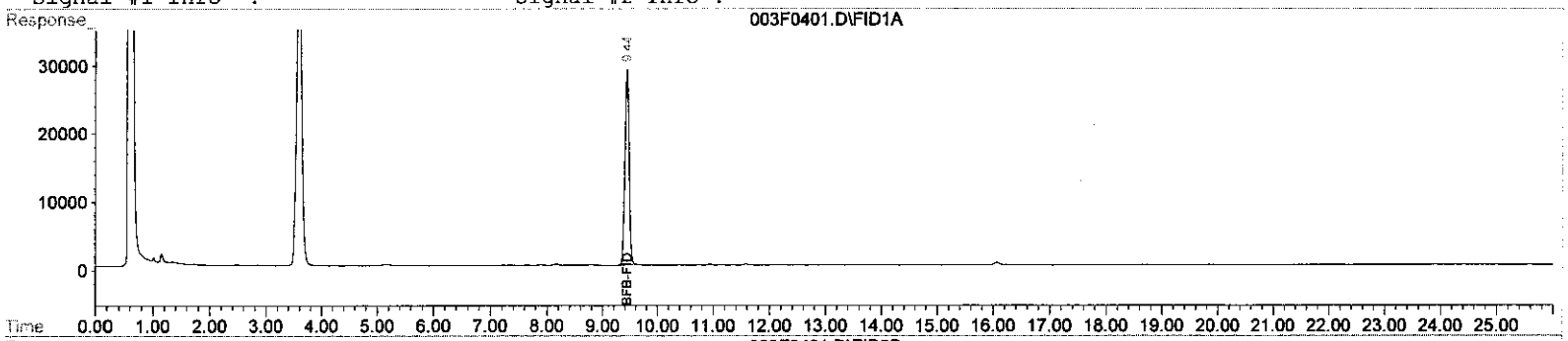
Quantitation Report

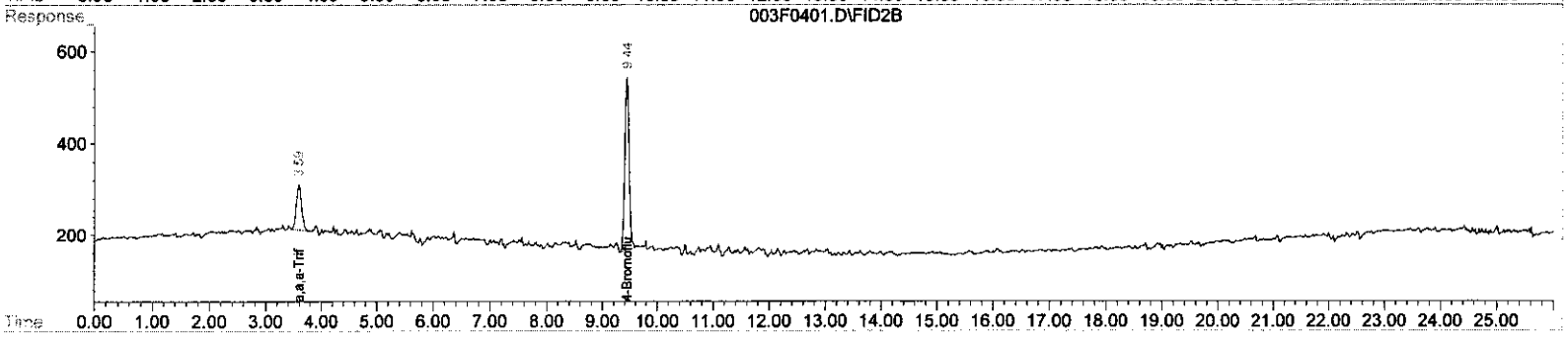
```
Data    .e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\003F   1.D\FID1A.CH Vial: 3
Acq On     : 18-Jul-2005, 12:43:18                    Operator: RG
Sample     : MB Aq,,,1                                Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\003F0401.D\FID2B.CH Vial: 3
Acq On     : 18-Jul-05, 12:43:18                      Operator: RG
Sample     : MB Aq,,,1                                Inst    : HP5890
Misc       :                                          Multiplr: 1.00
IntFile    : AUTOINT2.E
Quant Time: Jul 19  9:59 19105  Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title        :
Last Update  : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj.      :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\004F0501.D\FID1A.CH Vial: 4
Acq On : 18-Jul-2005, 13:15:34 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\004F0501.D\FID2B.CH Vial: 4
Acq On : 18-Jul-05, 13:15:34 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6251	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1715971	109.892 ug/L
Spiked Amount 100.000		Recovery =	109.89%
11) S 4-Bromofluorobenzene	9.44	23126	105.556 ug/L
Spiked Amount 100.000		Recovery =	105.56%
Target Compounds			
1) H T M Gasoline	8.00	38496255	1483.643 ug/L
5) T Methyl-tert-butyl ether	1.35	1508	29.631 ug/L
6) T M Benzene	2.48	6190	26.619 ug/L
7) T M Toluene	5.16	41766	134.275 ug/L
8) T M Ethylbenzene	7.91	8746	27.182 ug/L
9) T M m,p-Xylene	8.16	40569	100.541 ug/L
10) T M o-Xylene	8.79	13727	41.219 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	9806	18.667 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	24858	63.789 ug/L
14) T Naphthalene	16.06	3171	18.295 ug/L

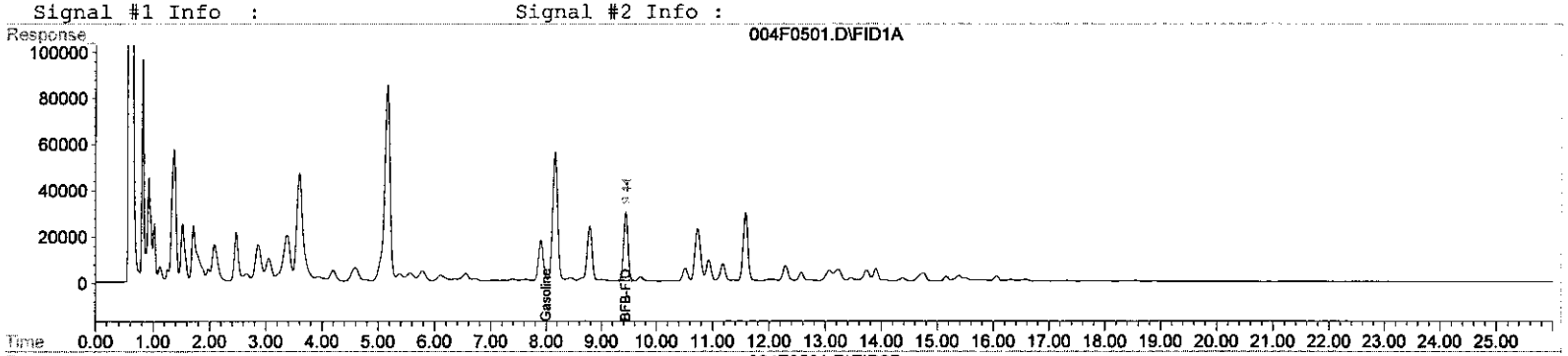
Quantitation Report

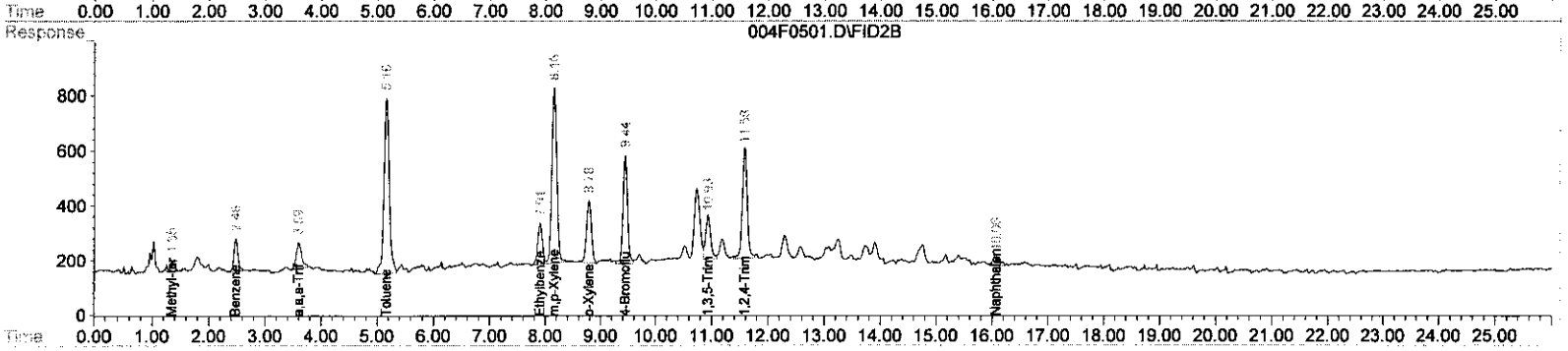
Data .e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\004F 1.D\FID1A.CH Vial: 4
Acq On : 18-Jul-2005, 13:15:34 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\004F0501.D\FID2B.CH Vial: 4
Acq On : 18-Jul-05, 13:15:34 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\005F0601.D\FID1A.CH Vial: 5
Acq On : 18-Jul-2005, 13:47:56 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\005F0601.D\FID2B.CH Vial: 5
Acq On : 18-Jul-05, 13:47:56 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6393	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1688186	108.108 ug/L
Spiked Amount 100.000		Recovery =	108.11%
11) S 4-Bromofluorobenzene	9.44	22789	101.716 ug/L
iked Amount 100.000		Recovery =	101.72%
Target Compounds			
1) H T M Gasoline	8.00	39280217	1516.634 ug/L
5) T Methyl-tert-butyl ether	1.35	1939	37.381 ug/L
6) T M Benzene	2.48	6774	28.381 ug/L m
7) T M Toluene	5.17	39904	125.386 ug/L
8) T M Ethylbenzene	7.91	9271	28.269 ug/L
9) T M m,p-Xylene	8.16	41822	101.376 ug/L
10) T M o-Xylene	8.79	16239	47.836 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10231	19.045 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	24637	61.790 ug/L
14) T Naphthalene	16.07	1894	12.307 ug/L

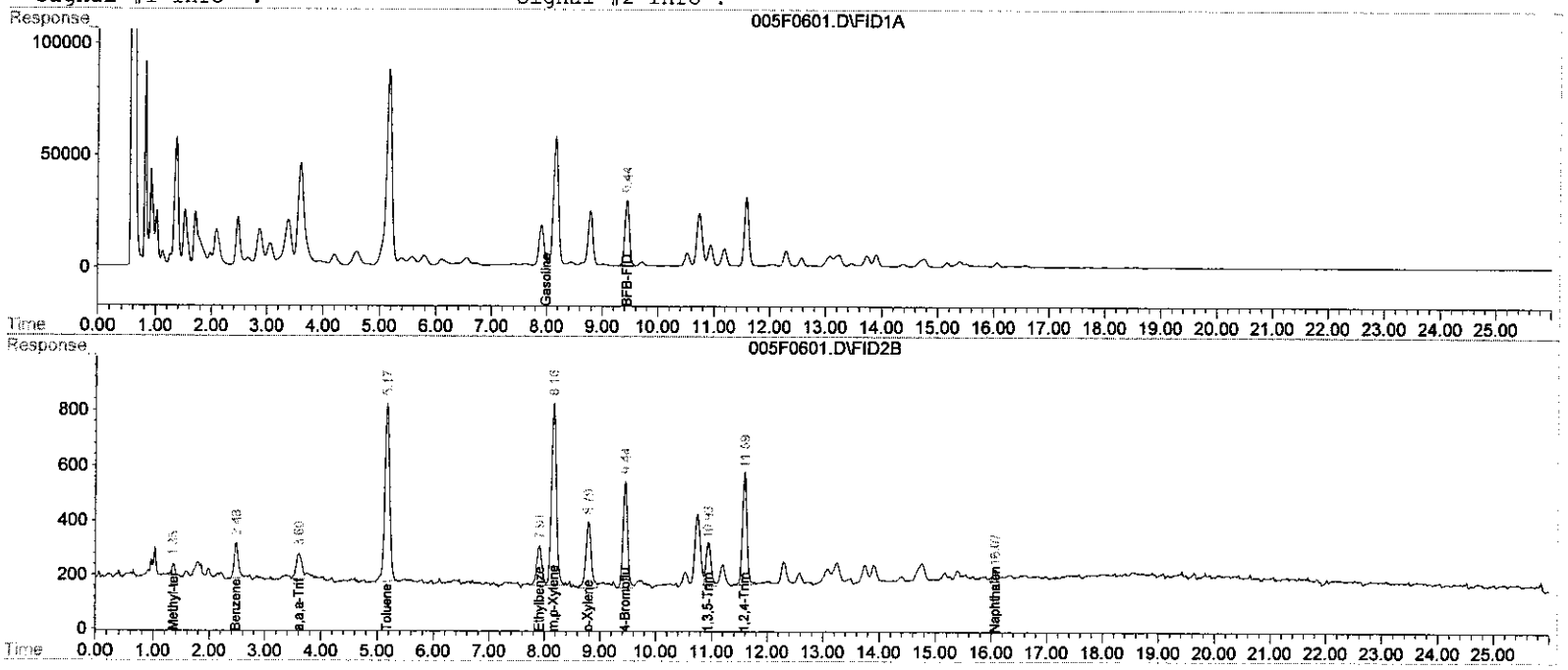
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\005F 01.D\FID1A.CH Vial: 5
Acq On : 18-Jul-2005, 13:47:56 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\005F0601.D\FID2B.CH Vial: 5
Acq On : 18-Jul-05, 13:47:56 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\013F1401.D\FID1A.CH Vial: 13
Acq On : 18-Jul-2005, 19:02:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\013F1401.D\FID2B.CH Vial: 13
Acq On : 18-Jul-05, 19:02:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:08 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6165	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1659492	106.266 ug/L
Spiked Amount 100.000		Recovery =	106.27%
11) S 4-Bromofluorobenzene	9.44	20936	96.900 ug/L
Spiked Amount 100.000		Recovery =	96.90%
Target Compounds			
1) H T M Gasoline	8.00	25071051	918.690 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	4033	18.086 ug/L
7) T M Toluene	5.17	22641	73.362 ug/L
8) T M Ethylbenzene	7.91	6482	19.814 ug/L
9) T M m,p-Xylene	8.16	24521	60.630 ug/L
10) T M o-Xylene	8.79	7697	23.029 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5534	10.682 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14058	36.099 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

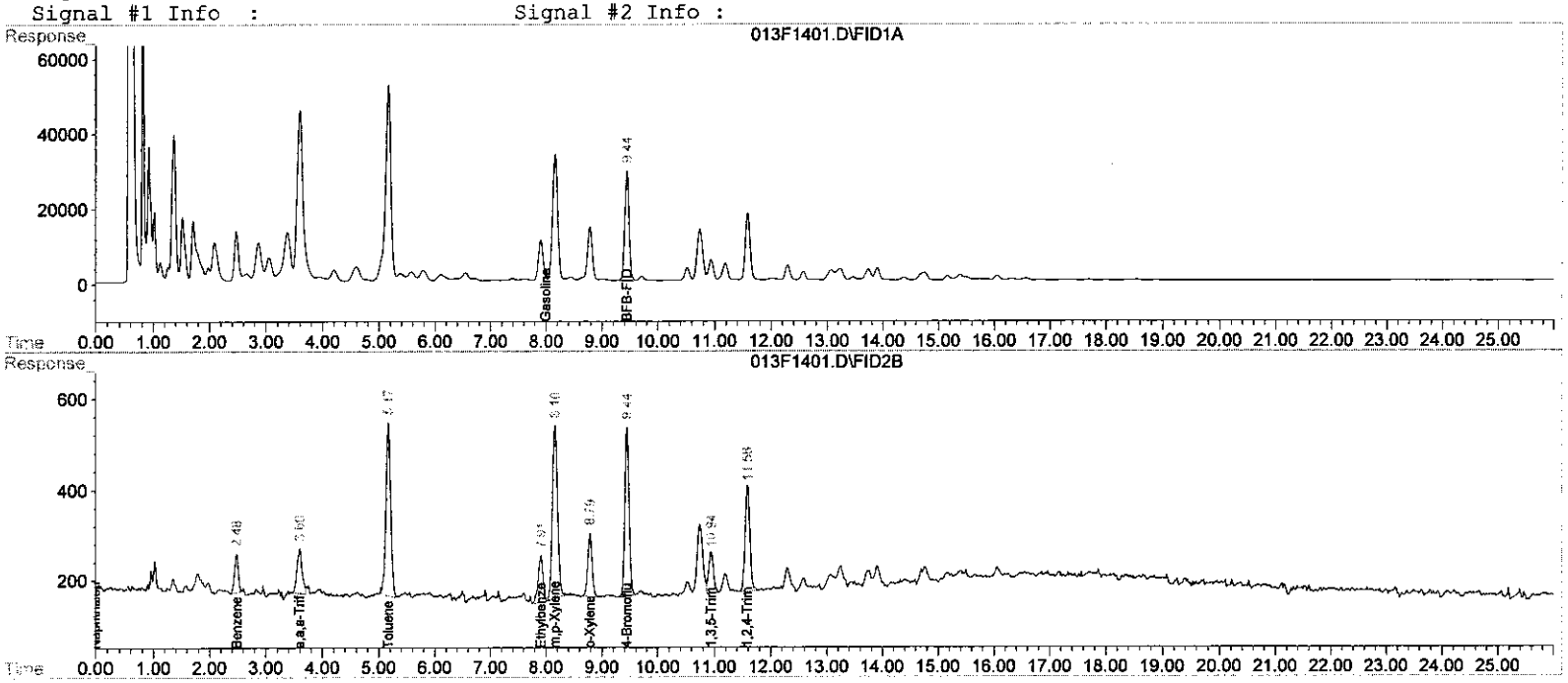
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\013F1401.D\FID1A.CH Vial: 13
Acq On : 18-Jul-2005, 19:02:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\013F1401.D\FID2B.CH Vial: 13
Acq On : 18-Jul-05, 19:02:23 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:08 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\014F1501.D\FID1A.CH Vial: 14
Acq On : 18-Jul-2005, 19:34:33 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\014F1501.D\FID2B.CH Vial: 14
Acq On : 18-Jul-05, 19:34:33 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6135	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1630228	104.387 ug/L
Spiked Amount 100.000		Recovery =	104.39%
11) S 4-Bromofluorobenzene	9.44	22985	106.900 ug/L
Spiked Amount 100.000		Recovery =	106.90%
Target Compounds			
1) H T M Gasoline	8.00	18831333	656.113 ug/L
5) T Methyl-tert-butyl ether	1.35	2280	45.923 ug/L
6) T M Benzene	2.48	12696	54.024 ug/L
7) T M Toluene	5.17	15633	50.596 ug/L
8) T M Ethylbenzene	7.91	16342	53.996 ug/L
9) T M m,p-Xylene	8.17	41051	103.745 ug/L
10) T M o-Xylene	8.79	16972	52.177 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	25690	49.830 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19927	51.897 ug/L
14) T Naphthalene	16.07	10740	53.593 ug/L

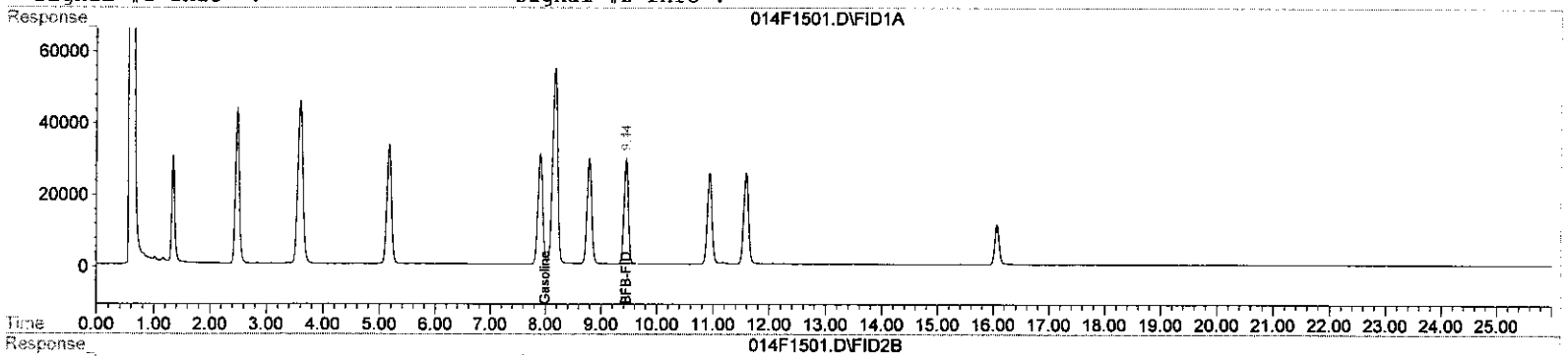
Quantitation Report

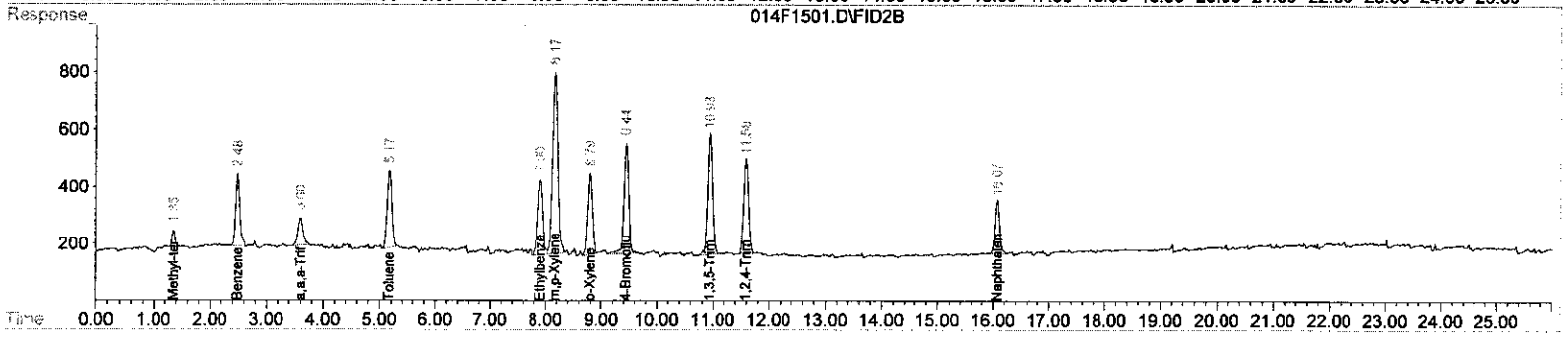
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\0141 J1.D\FID1A.CH Vial: 14
Acq On : 18-Jul-2005, 19:34:33 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\014F1501.D\FID2B.CH Vial: 14
Acq On : 18-Jul-05, 19:34:33 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:00 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\025F2601.D\FID1A.CH Vial: 25
Acq On : 19-Jul-2005, 01:30:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\025F2601.D\FID2B.CH Vial: 25
Acq On : 19-Jul-05, 01:30:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:09 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	7540	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1682609	107.750 ug/L
Spiked Amount 100.000		Recovery =	107.75%
11) S 4-Bromofluorobenzene	9.45	21402	80.994 ug/L
Spiked Amount 100.000		Recovery =	80.99%
Target Compounds			
1) H T M Gasoline	8.00	25053880	917.967 ug/L
5) T Methyl-tert-butyl ether	1.35	1141	18.399 ug/L
6) T M Benzene	2.49	4283	15.898 ug/L
7) T M Toluene	5.17	23737	62.747 ug/L
8) T M Ethylbenzene	7.92	6101	14.676 ug/L
9) T M m,p-Xylene	8.17	26517	53.314 ug/L
10) T M o-Xylene	8.80	10430	25.618 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6141	9.692 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13083	27.198 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

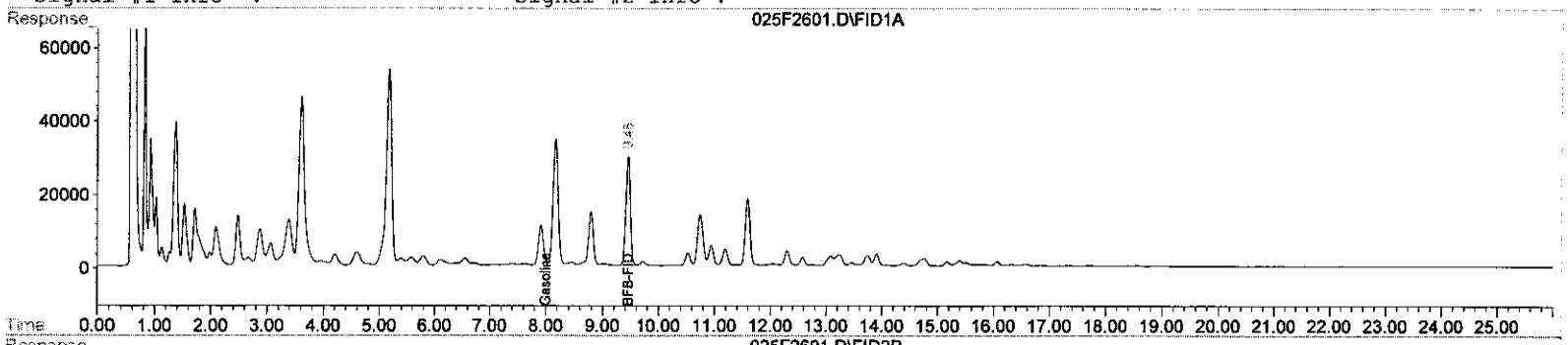
Quantitation Report

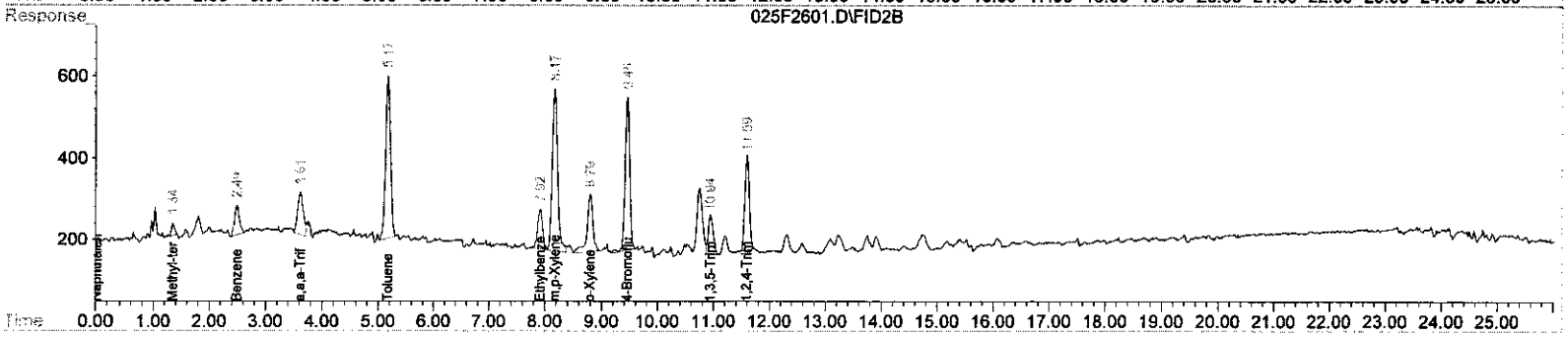
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\025F2601.D\FID1A.CH Vial: 25
Acq On : 19-Jul-2005, 01:30:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\025F2601.D\FID2B.CH Vial: 25
Acq On : 19-Jul-05, 01:30:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:09 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\026F2701.D\FID1A.CH Vial: 26
Acq On : 19-Jul-2005, 02:02:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\026F2701.D\FID2B.CH Vial: 26
Acq On : 19-Jul-05, 02:02:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:10 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5690	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1626076	104.121 ug/L
Spiked Amount 100.000		Recovery =	104.12%
11) S 4-Bromofluorobenzene	9.45	21398	107.303 ug/L
iked Amount 100.000		Recovery =	107.30%
Target Compounds			
1) H T M Gasoline	8.00	19046972	665.187 ug/L
5) T Methyl-tert-butyl ether	1.35	1766	38.270 ug/L
6) T M Benzene	2.48	12068	55.333 ug/L
7) T M Toluene	5.17	16081	56.226 ug/L
8) T M Ethylbenzene	7.91	14702	52.301 ug/L
9) T M m,p-Xylene	8.17	39972	109.046 ug/L
10) T M o-Xylene	8.79	15661	51.909 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	25168	52.635 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19790	55.650 ug/L
14) T Naphthalene	16.07	10770	57.629 ug/L

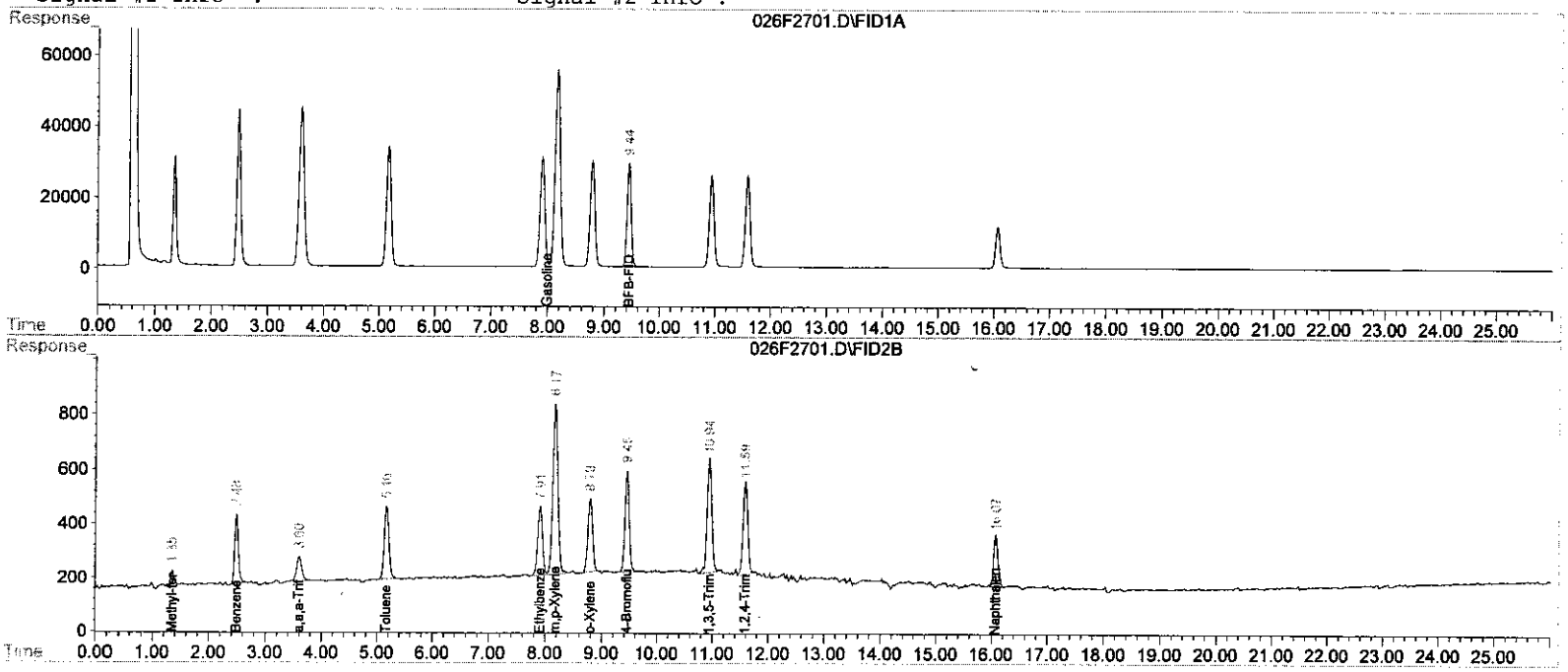
Quantitation Report

Data le : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\0261 J1.D\FID1A.CH Vial: 26
Acq On : 19-Jul-2005, 02:02:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\026F2701.D\FID2B.CH Vial: 26
Acq On : 19-Jul-05, 02:02:36 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:10 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\030F3101.D\FID1A.CH Vial: 30
Acq On : 19-Jul-2005, 04:11:33 Operator: RG
Sample : 1657-0540,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\030F3101.D\FID2B.CH Vial: 30
Acq On : 19-Jul-05, 04:11:33 Operator: RG
Sample : 1657-0540,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6433	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1632235	104.516 ug/L
Spiked Amount 100.000		Recovery =	104.52%
11) S 4-Bromofluorobenzene	9.44	20693	91.787 ug/L
Spiked Amount 100.000		Recovery =	91.79%
Target Compounds			
1) H T M Gasoline	8.00	3415316	7.383 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

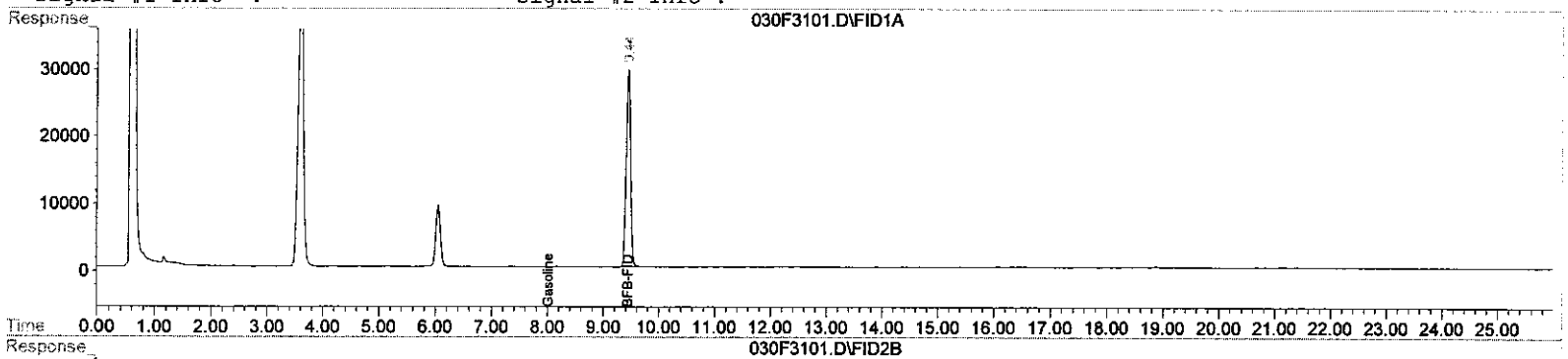
Quantitation Report

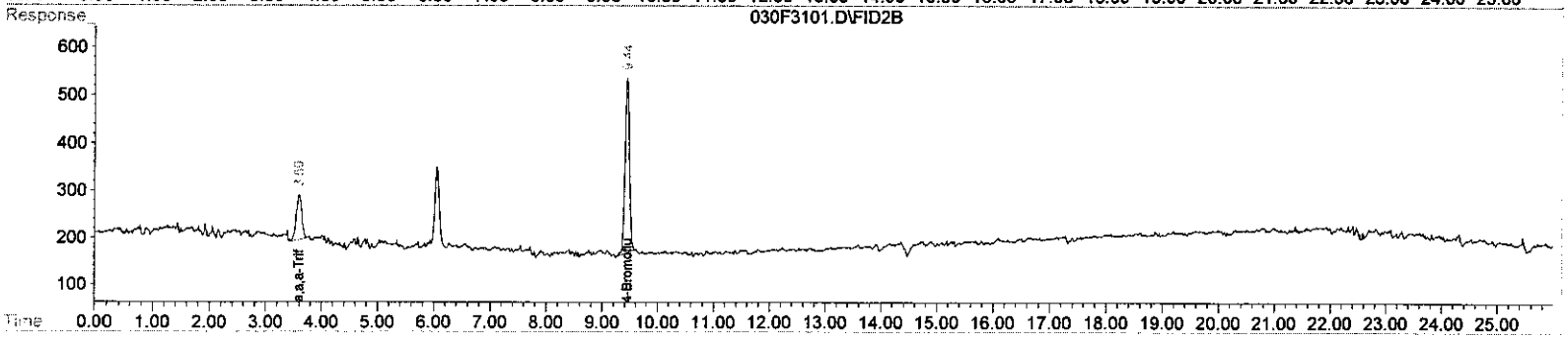
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\030F3101.D\FID1A.CH Vial: 30
Acq On : 19-Jul-2005, 04:11:33 Operator: RG
Sample : 1657-0540,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\030F3101.D\FID2B.CH Vial: 30
Acq On : 19-Jul-05, 04:11:33 Operator: RG
Sample : 1657-0540,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\031F3201.D\FID1A.CH Vial: 31
Acq On : 19-Jul-2005, 04:43:16 Operator: RG
Sample : 1657-0541,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\031F3201.D\FID2B.CH Vial: 31
Acq On : 19-Jul-05, 04:43:16 Operator: RG
Sample : 1657-0541,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info : RR Diluted for GRO

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5981	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1435945	91.915 ug/L
Spiked Amount 100.000		Recovery =	91.92%
11) S 4-Bromofluorobenzene	9.44	18723	89.322 ug/L
Spiked Amount 100.000		Recovery =	89.32%
Target Compounds			
1) H T M Gasoline	8.00	250166150	10391.040 ug/L —— OR
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	532	3.731 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	8.36	891	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

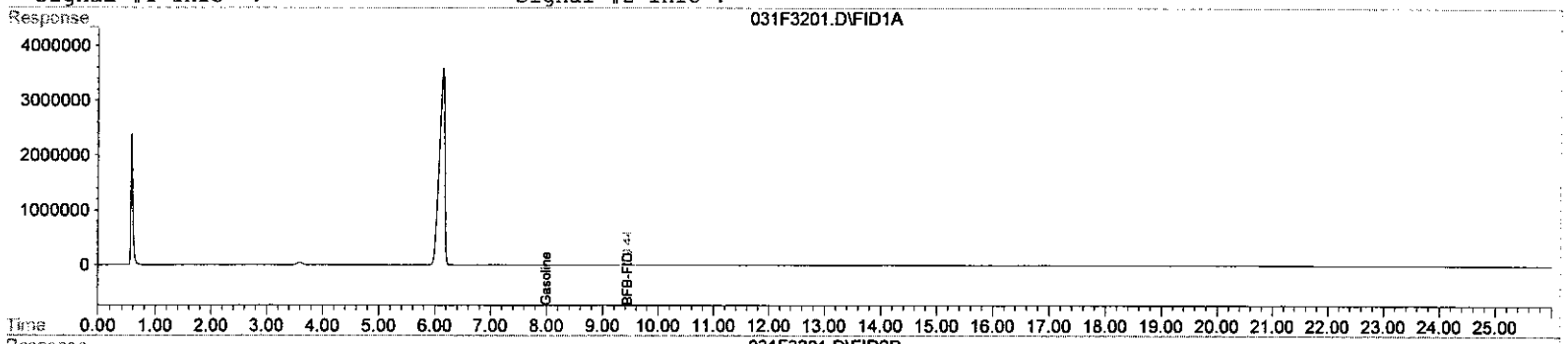
Quantitation Report

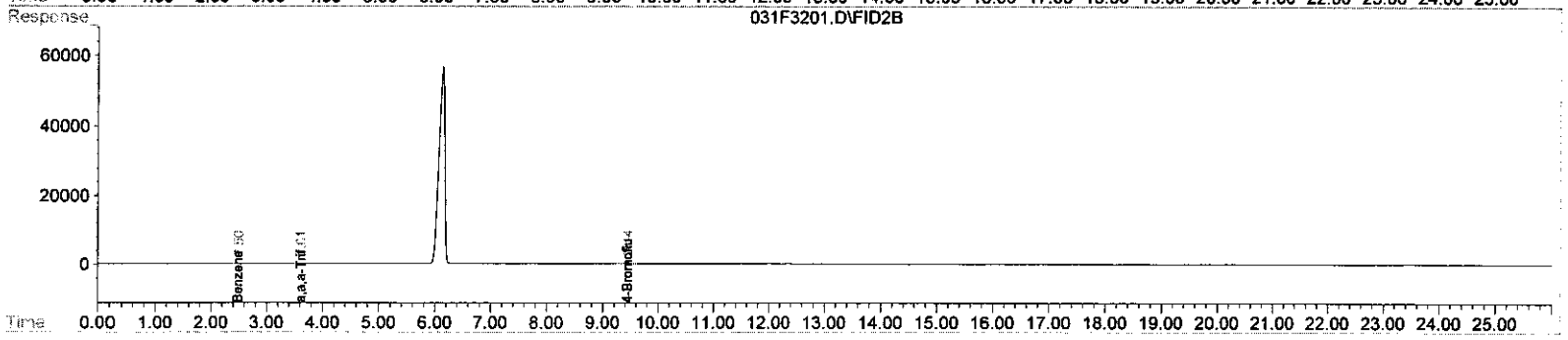
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\031F3201.D\FID1A.CH Vial: 31
Acq On : 19-Jul-2005, 04:43:16 Operator: RG
Sample : 1657-0541,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\031F3201.D\FID2B.CH Vial: 31
Acq On : 19-Jul-05, 04:43:16 Operator: RG
Sample : 1657-0541,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\032F3301.D\FID1A.CH Vial: 32
Acq On : 19-Jul-2005, 05:15:53 Operator: RG
Sample : 1657-0542,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\032F3301.D\FID2B.CH Vial: 32
Acq On : 19-Jul-05, 05:15:53 Operator: RG
Sample : 1657-0542,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info : PR Diluted for GRO

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5764	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1486893	95.186 ug/L
Spiked Amount 100.000		Recovery =	95.19%
11) S 4-Bromofluorobenzene	9.45	19897	98.497 ug/L
Spiked Amount 100.000		Recovery =	98.50%
Target Compounds			
1) H T M Gasoline	8.00	197585490	8178.365 ug/L —— OR
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	4623	21.842 ug/L ——
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	7.91	7674	25.748 ug/L ——
9) T M m,p-Xylene	8.19	7752	18.804 ug/L ——
10) T M o-Xylene	8.80	2162	6.255 ug/L ——
12) T 1,3,5-Trimethylbenzene	10.79	1871	3.863 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	12237	33.529 ug/L
14) T Naphthalene	16.32f	1551	11.535 ug/L

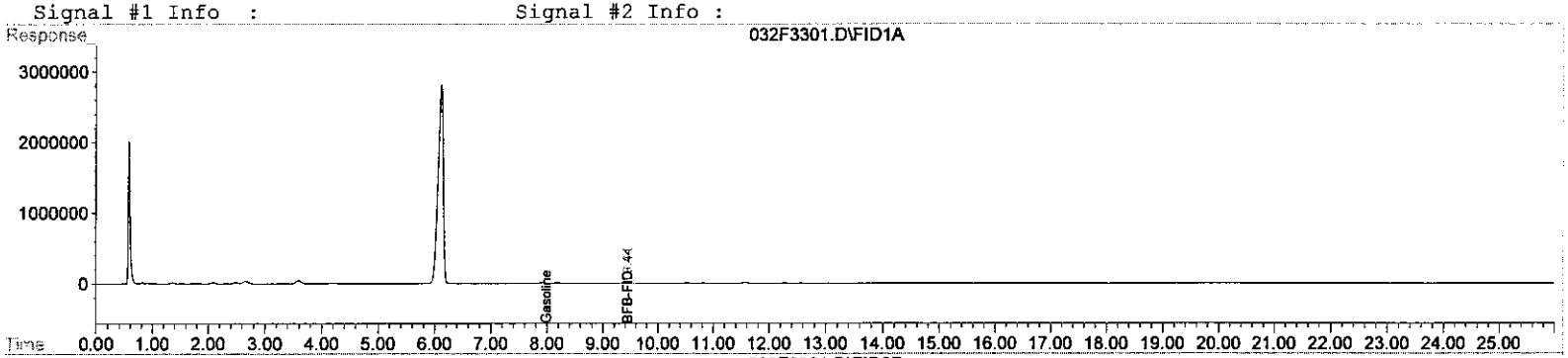
Quantitation Report

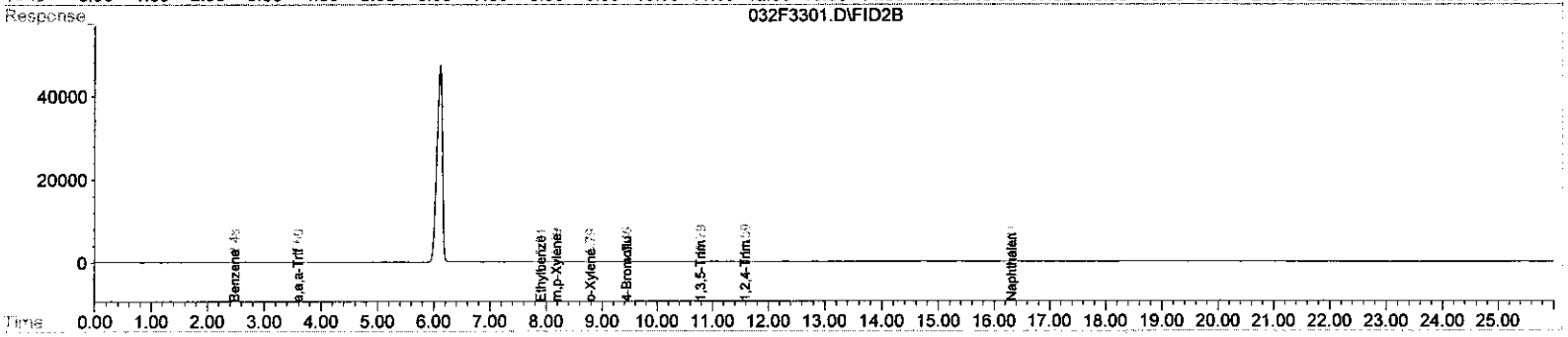
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\032F3301.D\FID1A.CH Vial: 32
Acq On : 19-Jul-2005, 05:15:53 Operator: RG
Sample : 1657-0542,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\032F3301.D\FID2B.CH Vial: 32
Acq On : 19-Jul-05, 05:15:53 Operator: RG
Sample : 1657-0542,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\033F3401.D\FID1A.CH Vial: 33
Acq On : 19-Jul-2005, 05:48:05 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\033F3401.D\FID2B.CH Vial: 33
Acq On : 19-Jul-05, 05:48:05 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5926	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1618653	103.644 ug/L
Spiked Amount 100.000		Recovery =	103.64%
11) S 4-Bromofluorobenzene	9.45	20957	100.910 ug/L
Spiked Amount 100.000		Recovery =	100.91%
Target Compounds			
1) H T M Gasoline	8.00	3412813	7.278 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

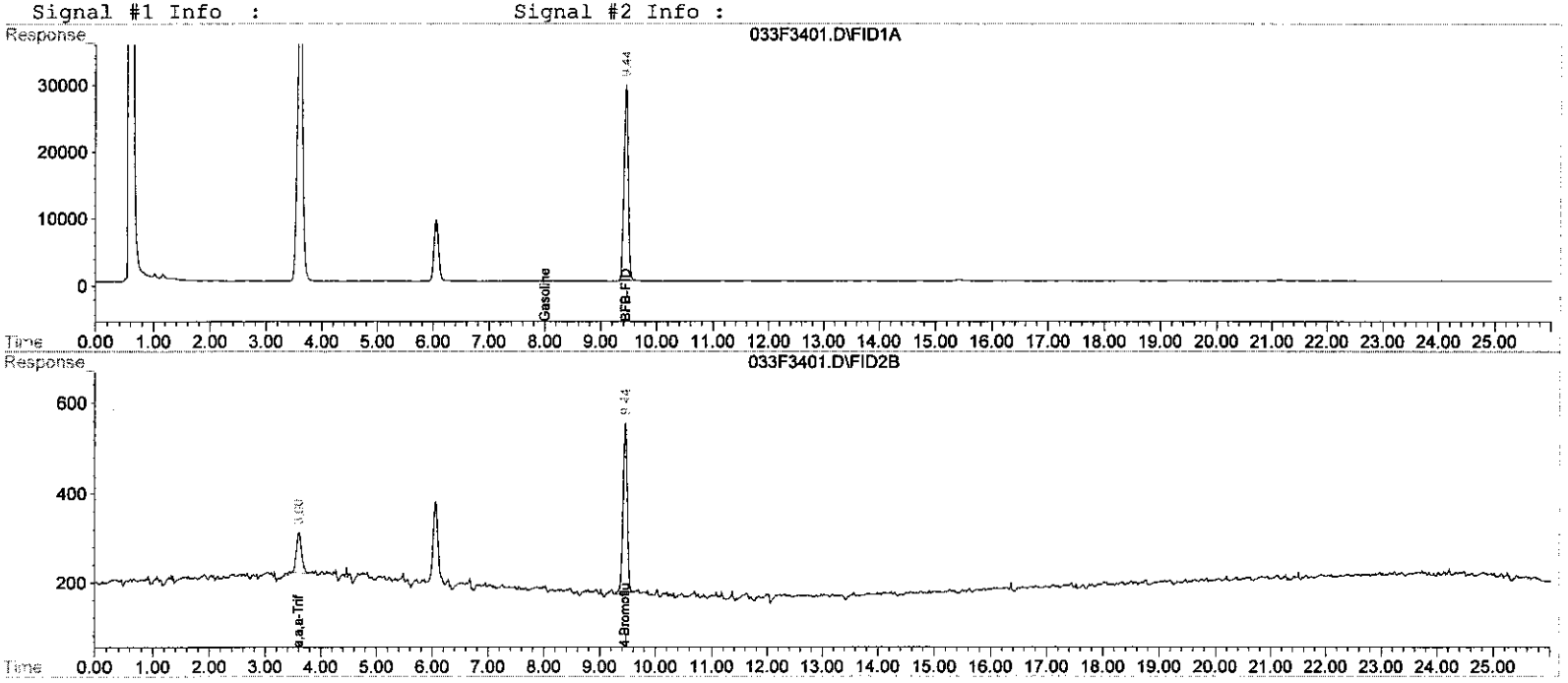
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\033F3401.D\FID1A.CH Vial: 33
Acq On : 19-Jul-2005, 05:48:05 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\033F3401.D\FID2B.CH Vial: 33
Acq On : 19-Jul-05, 05:48:05 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\034F3501.D\FID1A.CH Vial: 34
Acq On : 19-Jul-2005, 06:20:26 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\034F3501.D\FID2B.CH Vial: 34
Acq On : 19-Jul-05, 06:20:26 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5984	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1695153	108.555 ug/L
Spiked Amount 100.000		Recovery =	108.56%
11) S 4-Bromofluorobenzene	9.44	20125	95.961 ug/L
Spiked Amount 100.000		Recovery =	95.96%
Target Compounds			
1) H T M Gasoline	8.00	35611398	1362.244 ug/L
5) T Methyl-tert-butyl ether	1.35	1929	39.753 ug/L
6) T M Benzene	2.49	5711	25.706 ug/L
7) T M Toluene	5.17	35592	119.427 ug/L
8) T M Ethylbenzene	7.91	8247	26.740 ug/L
9) T M m,p-Xylene	8.16	38203	98.865 ug/L
10) T M o-Xylene	8.79	11693	36.578 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8518	16.938 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	22184	59.394 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

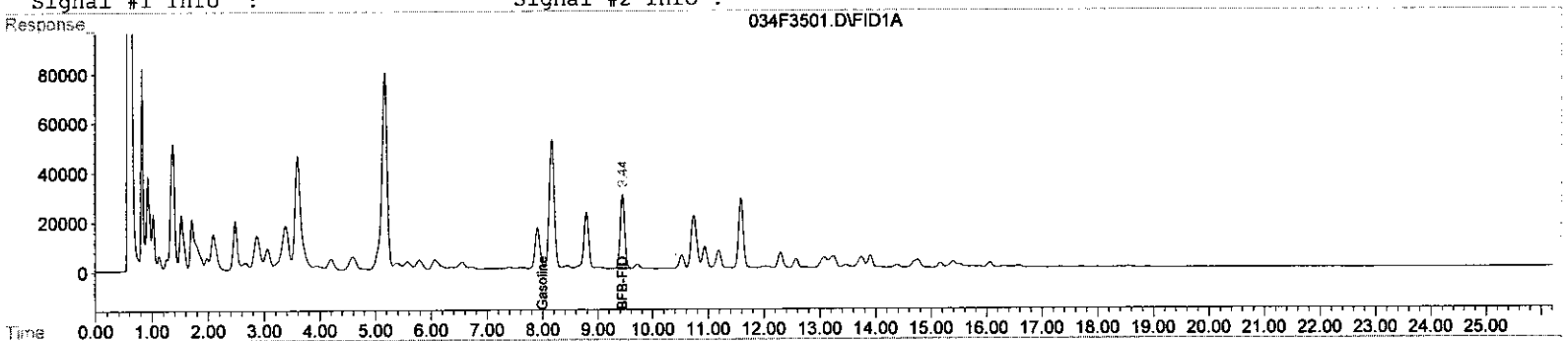
Quantitation Report

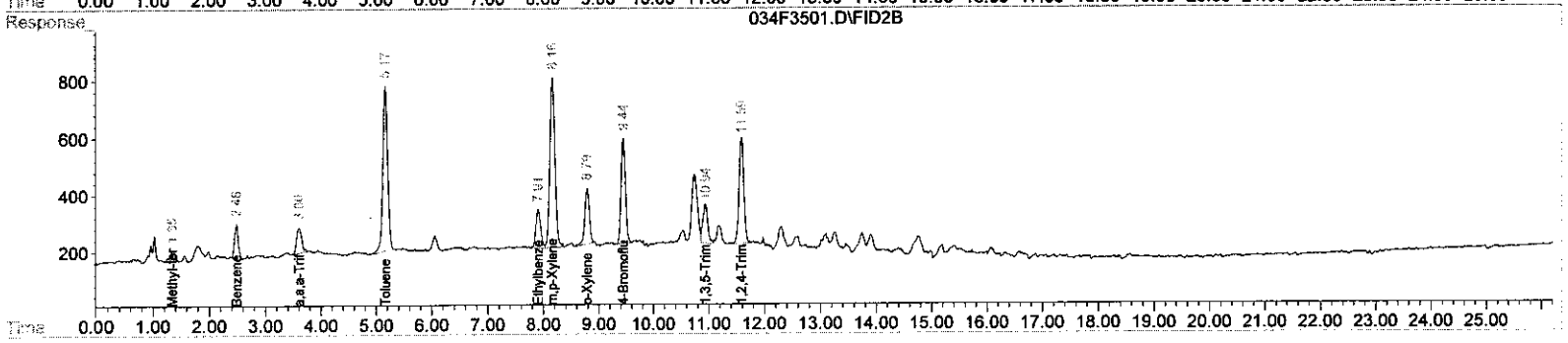
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\034F3501.D\FID1A.CH Vial: 34
Acq On : 19-Jul-2005, 06:20:26 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\034F3501.D\FID2B.CH Vial: 34
Acq On : 19-Jul-05, 06:20:26 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\035F3601.D\FID1A.CH Vial: 35
Acq On : 19-Jul-2005, 06:53:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\035F3601.D\FID2B.CH Vial: 35
Acq On : 19-Jul-05, 06:53:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 11:05 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6224	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1688451	108.125 ug/L
Spiked Amount 100.000		Recovery =	108.13%
11) S 4-Bromofluorobenzene	9.44	21345	97.846 ug/L
Spiked Amount 100.000		Recovery =	97.85%
Target Compounds			
1) H T M Gasoline	8.00	37729563	1451.380 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	6526	28.097 ug/L
7) T M Toluene	5.17	39495	127.472 ug/L
8) T M Ethylbenzene	7.91	9394	29.519 ug/L
9) T M m,p-Xylene	8.16	41383	103.066 ug/L
10) T M o-Xylene	8.79	14182	42.808 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10015	19.148 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	25162	64.867 ug/L
14) T Naphthalene	16.06	1843	12.300 ug/L

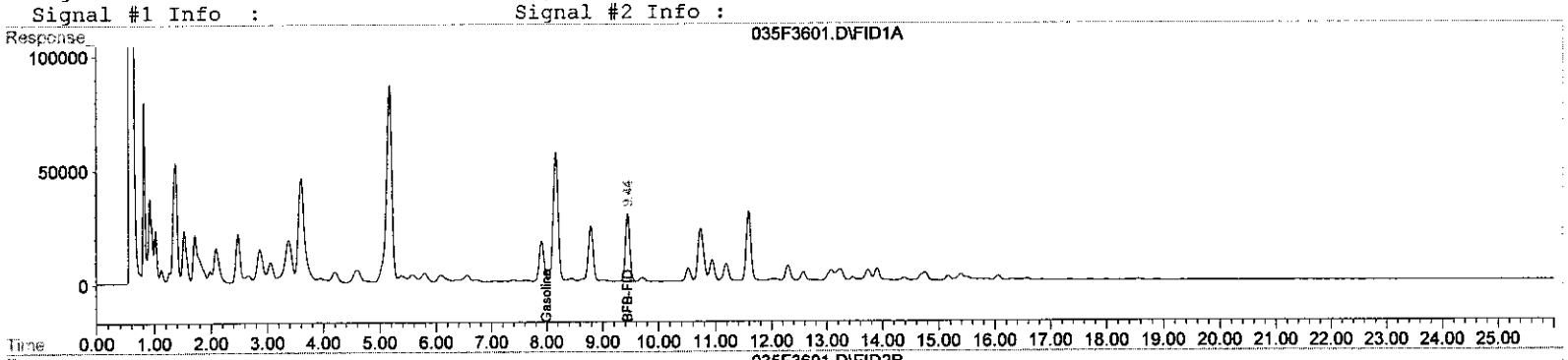
Quantitation Report

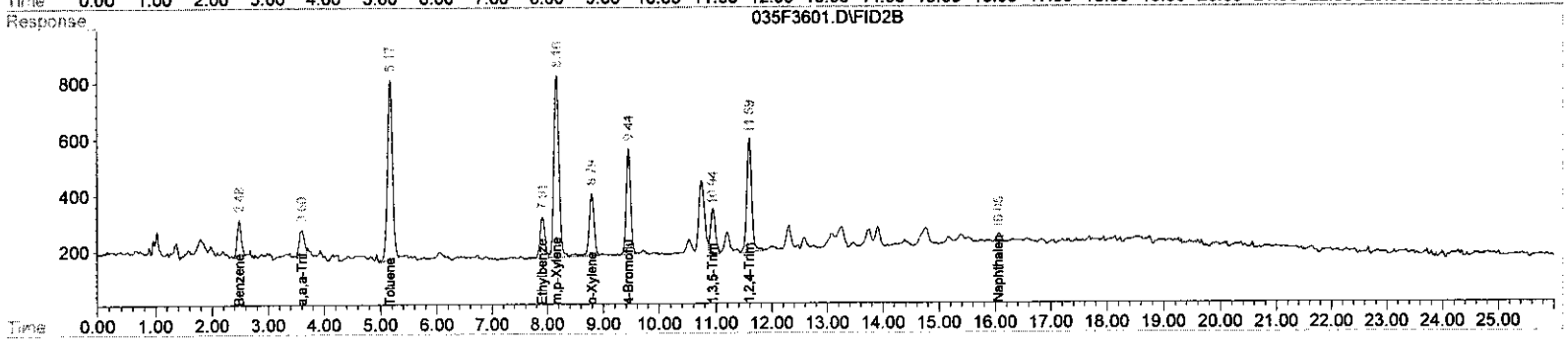
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\035F..01.D\FID1A.CH Vial: 35
Acq On : 19-Jul-2005, 06:53:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\035F3601.D\FID2B.CH Vial: 35
Acq On : 19-Jul-05, 06:53:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 11:05 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\036F3701.D\FID1A.CH Vial: 36
Acq On : 19-Jul-2005, 07:25:27 Operator: RG
Sample : 1657-0543,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\036F3701.D\FID2B.CH Vial: 36
Acq On : 19-Jul-05, 07:25:27 Operator: RG
Sample : 1657-0543,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6126	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1624656	104.029 ug/L
Spiked Amount 100.000		Recovery =	104.03%
11) S 4-Bromofluorobenzene	9.45	21209	98.792 ug/L
Spiked Amount 100.000		Recovery =	98.79%
Target Compounds			
1) H T M Gasoline	8.00	3083672	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

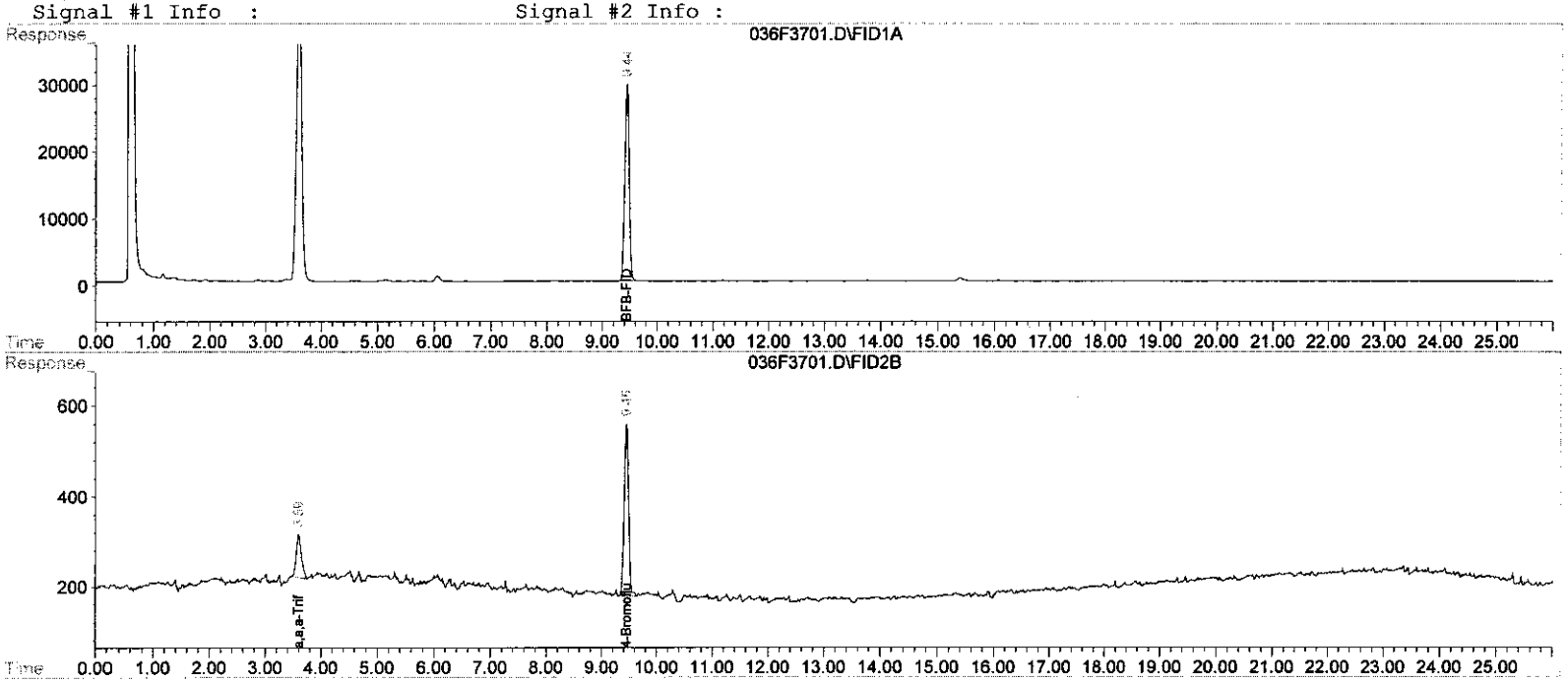
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\036F 01.D\FID1A.CH Vial: 36
Acq On : 19-Jul-2005, 07:25:27 Operator: RG
Sample : 1657-0543,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\036F3701.D\FID2B.CH Vial: 36
Acq On : 19-Jul-05, 07:25:27 Operator: RG
Sample : 1657-0543,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:01 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\037F3801.D\FID1A.CH Vial: 37
Acq On : 19-Jul-2005, 07:57:45 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\037F3801.D\FID2B.CH Vial: 37
Acq On : 19-Jul-05, 07:57:45 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:11 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6758	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1670980	107.003 ug/L
Spiked Amount 100.000		Recovery =	107.00%
11) S 4-Bromofluorobenzene	9.44	21897	92.454 ug/L
iked Amount 100.000		Recovery =	92.45%
Target Compounds			
1) H T M Gasoline	8.00	24524752	895.701 ug/L
5) T Methyl-tert-butyl ether	1.35	1112	20.059 ug/L
6) T M Benzene	2.48	3767	15.630 ug/L
7) T M Toluene	5.17	22948	67.756 ug/L
8) T M Ethylbenzene	7.91	6105	16.676 ug/L
9) T M m,p-Xylene	8.17	23766	53.310 ug/L
10) T M o-Xylene	8.80	8223	22.421 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5893	10.378 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14744	34.489 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

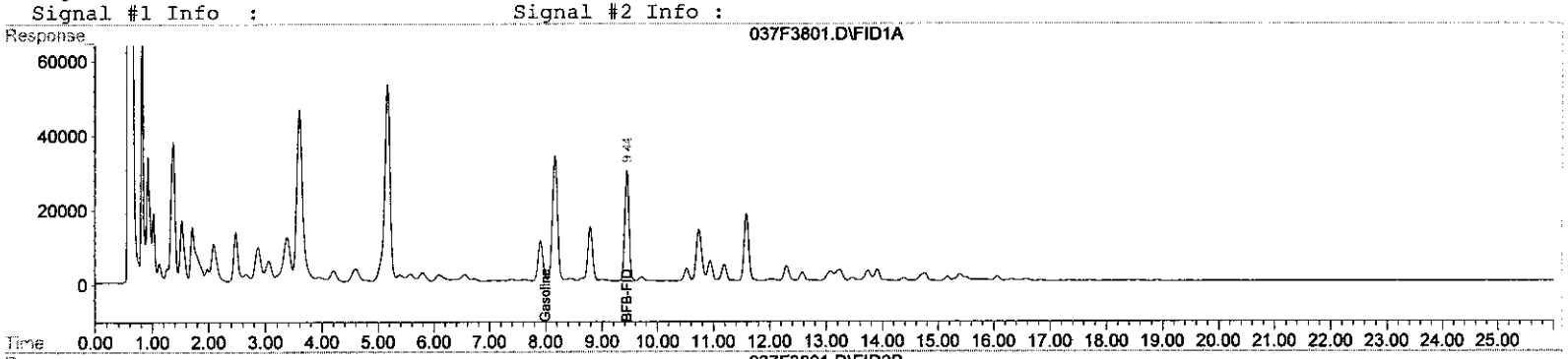
Quantitation Report

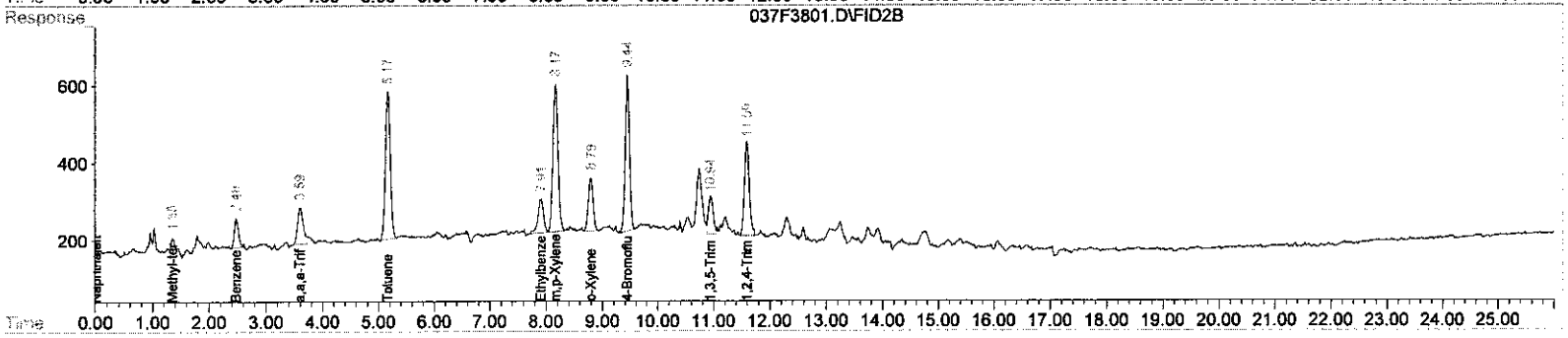
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\037F 01.D\FID1A.CH Vial: 37
Acq On : 19-Jul-2005, 07:57:45 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\037F3801.D\FID2B.CH Vial: 37
Acq On : 19-Jul-05, 07:57:45 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:11 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\038F3901.D\FID1A.CH Vial: 38
Acq On : 19-Jul-2005, 08:30:26 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\038F3901.D\FID2B.CH Vial: 38
Acq On : 19-Jul-05, 08:30:26 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6788	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1603648	102.681 ug/L
Spiked Amount 100.000		Recovery =	102.68%
11) S 4-Bromofluorobenzene	9.44	20679	86.925 ug/L
Spiked Amount 100.000		Recovery =	86.93%
Target Compounds			
1) H T M Gasoline	8.00	19301714	675.907 ug/L
5) T Methyl-tert-butyl ether	1.35	2397	43.610 ug/L
6) T M Benzene	2.48	13486	51.926 ug/L
7) T M Toluene	5.17	15959	46.605 ug/L
8) T M Ethylbenzene	7.91	15049	44.528 ug/L
9) T M m,p-Xylene	8.17	40047	91.171 ug/L
10) T M o-Xylene	8.79	16511	45.764 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	25660	44.986 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20316	47.733 ug/L
14) T Naphthalene	16.07	11778	53.155 ug/L

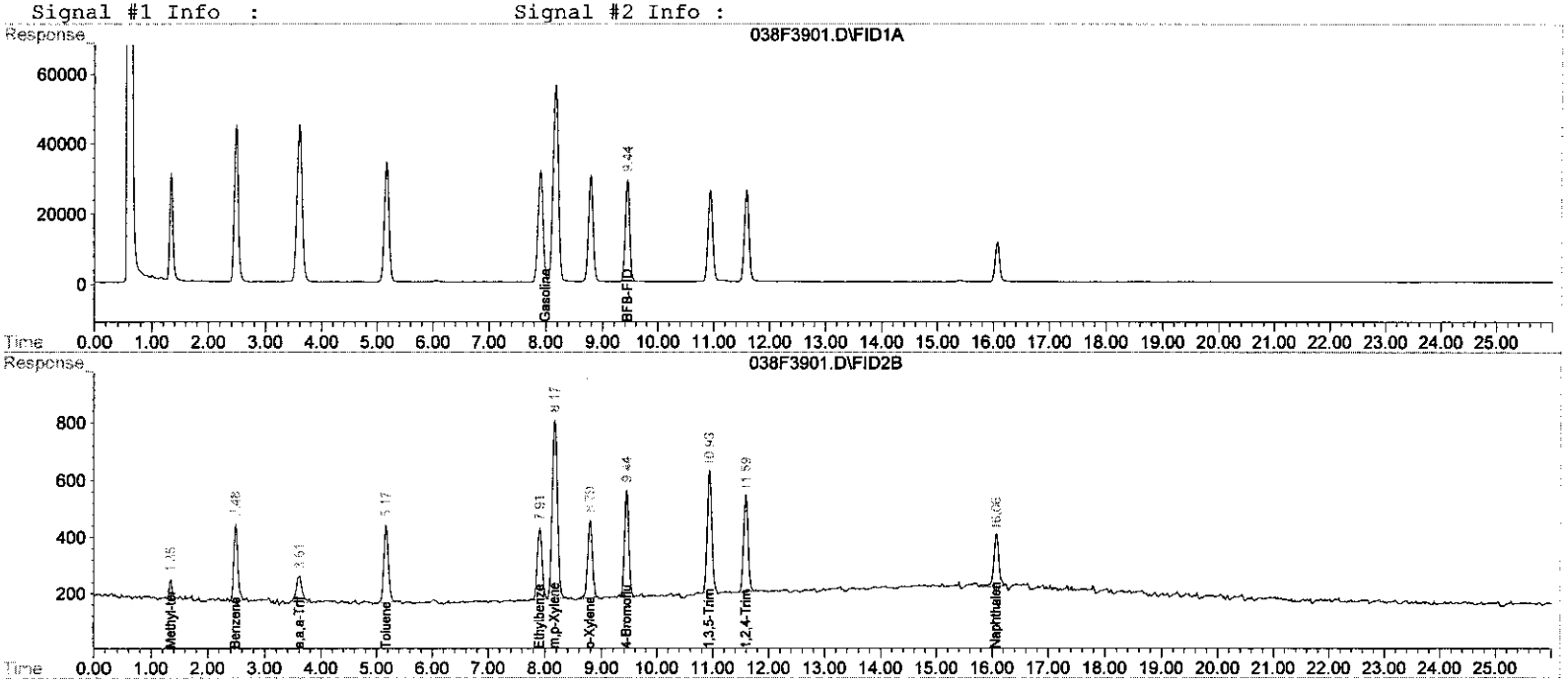
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\038F 01.D\FID1A.CH Vial: 38
Acq On : 19-Jul-2005, 08:30:26 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\038F3901.D\FID2B.CH Vial: 38
Acq On : 19-Jul-05, 08:30:26 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 10:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\039F4001.D\FID1A.CH Vial: 39
Acq On : 19-Jul-2005, 09:02:47 Operator: RG
Sample : 1657-0544,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\039F4001.D\FID2B.CH Vial: 39
Acq On : 19-Jul-05, 09:02:47 Operator: RG
Sample : 1657-0544,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 13:20 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6438	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1619832	103.720 ug/L
Spiked Amount 100.000		Recovery =	103.72%
11) S 4-Bromofluorobenzene	9.45	21750	96.394 ug/L
iked Amount 100.000		Recovery =	96.39%
Target Compounds			
1) H T M Gasoline	8.00	2937684	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	16.00	1031	8.442 ug/L

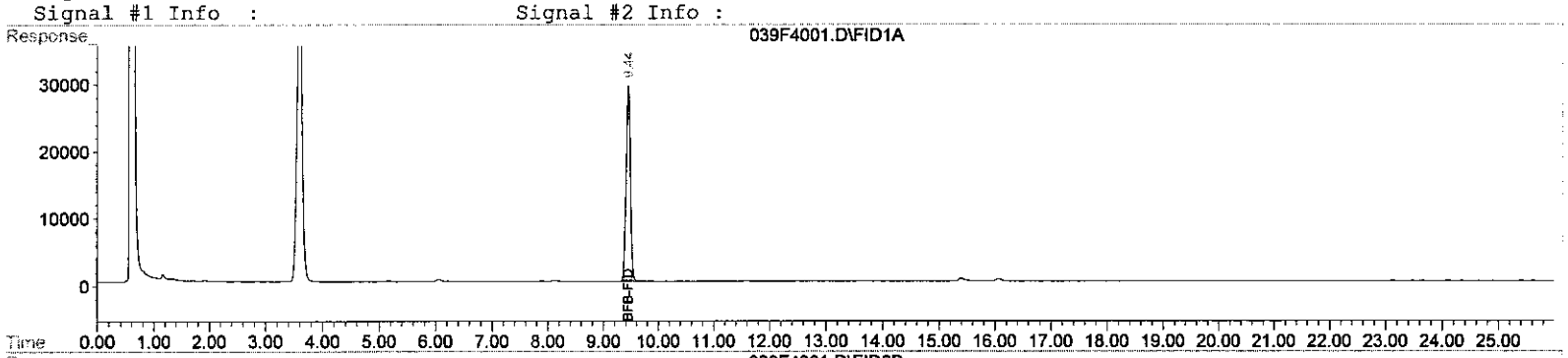
Quantitation Report

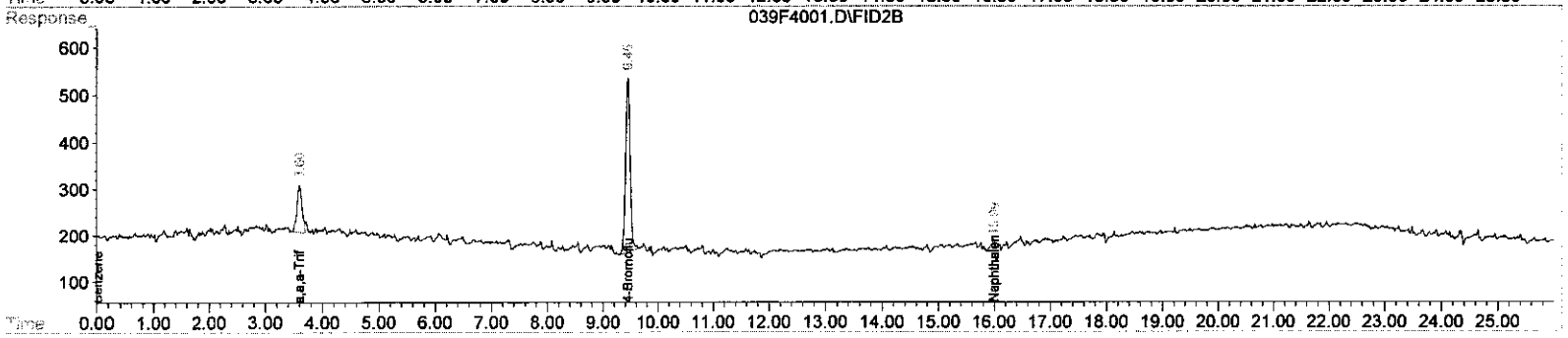
Data . ıe : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\039ı J1.D\FID1A.CH Vial: 39
Acq On : 19-Jul-2005, 09:02:47 Operator: RG
Sample : 1657-0544,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\039F4001.D\FID2B.CH Vial: 39
Acq On : 19-Jul-05, 09:02:47 Operator: RG
Sample : 1657-0544,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 13:20 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\040F4101.D\FID1A.CH Vial: 40
Acq On : 19-Jul-2005, 09:35:03 Operator: RG
Sample : 1657-0545,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\040F4101.D\FID2B.CH Vial: 40
Acq On : 19-Jul-05, 09:35:03 Operator: RG
Sample : 1657-0545,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 13:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5864	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1625396	104.077 ug/L
Spiked Amount 100.000		Recovery =	104.08%
11) S 4-Bromofluorobenzene	9.45	20526	99.881 ug/L
Spiked Amount 100.000		Recovery =	99.88%
Target Compounds			
1) H T M Gasoline	8.00	2922750	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

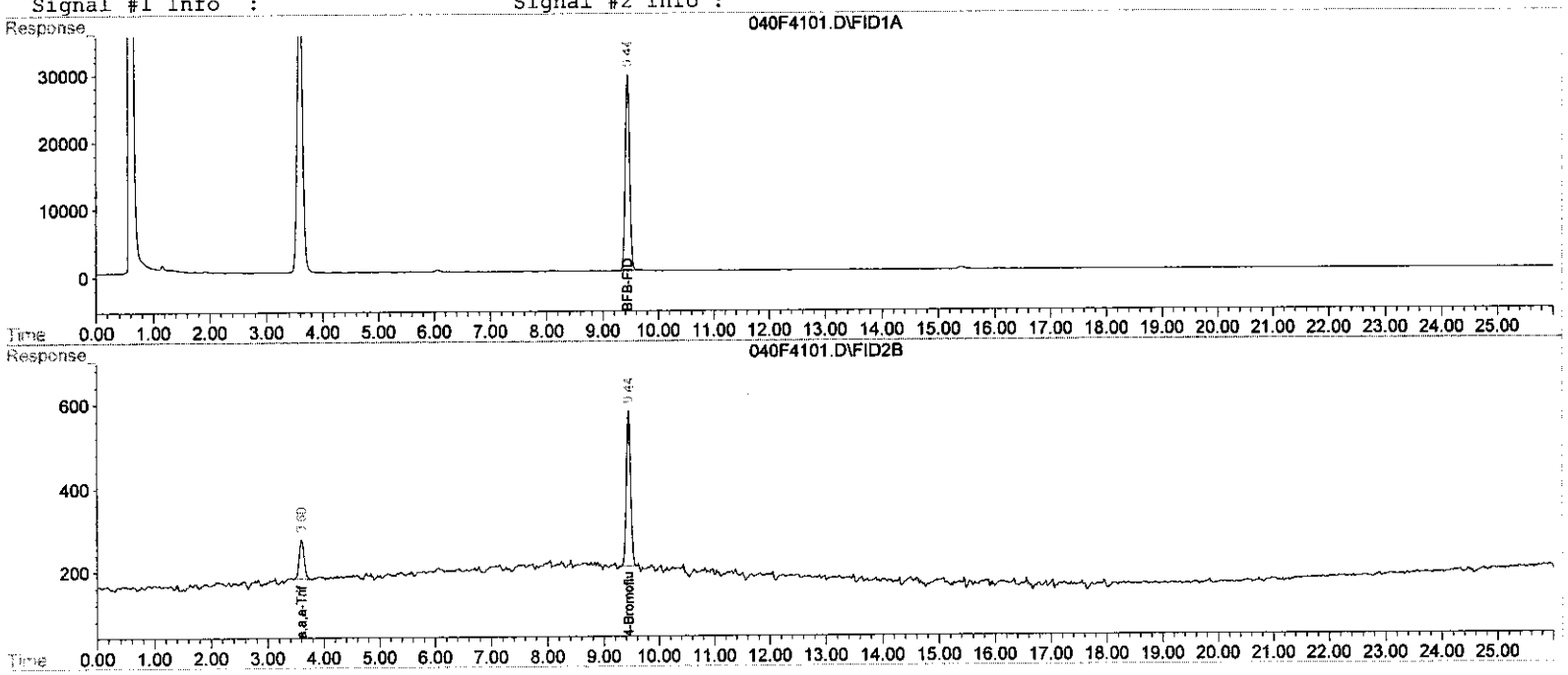
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\040F. .1.D\FID1A.CH Vial: 40
Acq On : 19-Jul-2005, 09:35:03 Operator: RG
Sample : 1657-0545,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\040F4101.D\FID2B.CH Vial: 40
Acq On : 19-Jul-05, 09:35:03 Operator: RG
Sample : 1657-0545,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 13:19 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID1A.CH Vial: 52
Acq On : 19-Jul-2005, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID2B.CH Vial: 52
Acq On : 19-Jul-05, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 17:55 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6168	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1687769	108.081 ug/L
Spiked Amount 100.000		Recovery =	108.08%
11) S 4-Bromofluorobenzene	9.44	22306	103.185 ug/L
Spiked Amount 100.000		Recovery =	103.19%
Target Compounds			
1) H T M Gasoline	8.00	30187386	1133.993 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	5562	24.372 ug/L
7) T M Toluene	5.16	27921	90.652 ug/L
8) T M Ethylbenzene	7.90	8064	25.240 ug/L
9) T M m,p-Xylene	8.16	46028	115.993 ug/L
10) T M o-Xylene	8.78	27747	85.437 ug/L
12) T 1,3,5-Trimethylbenzene	10.92	6974	13.454 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	18238	47.141 ug/L
14) T Naphthalene	16.08	1702	11.727 ug/L

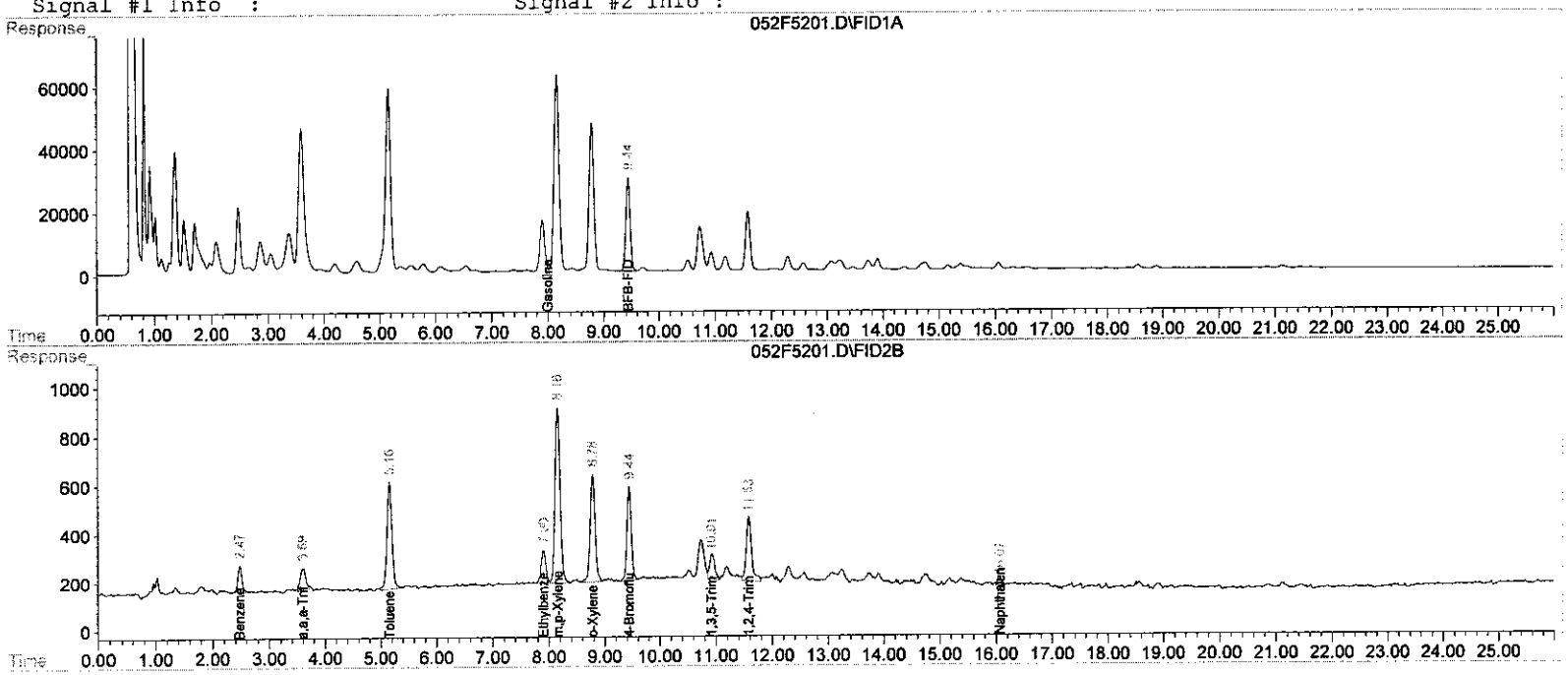
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID1A.CH Vial: 52
Acq On : 19-Jul-2005, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID2B.CH Vial: 52
Acq On : 19-Jul-05, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 17:55 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID1A.CH Vial: 53
Acq On : 19-Jul-2005, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID2B.CH Vial: 53
Acq On : 19-Jul-05, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 18:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6938	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1593919	102.056 ug/L
Spiked Amount 100.000		Recovery =	102.06%
11) S 4-Bromofluorobenzene	9.44	20442	84.065 ug/L
Spiked Amount 100.000		Recovery =	84.07%
Target Compounds			
1) H T M Gasoline	8.00	19553052	686.484 ug/L
5) T Methyl-tert-butyl ether	1.35	2332	41.476 ug/L
6) T M Benzene	2.48	11517	43.624 ug/L
7) T M Toluene	5.17	18146	51.956 ug/L
8) T M Ethylbenzene	7.90	15389	44.546 ug/L
9) T M m,p-Xylene	8.17	43123	96.181 ug/L
10) T M o-Xylene	8.79	19696	53.566 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	25873	44.375 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	20113	46.195 ug/L
14) T Naphthalene	16.06	9252	41.750 ug/L

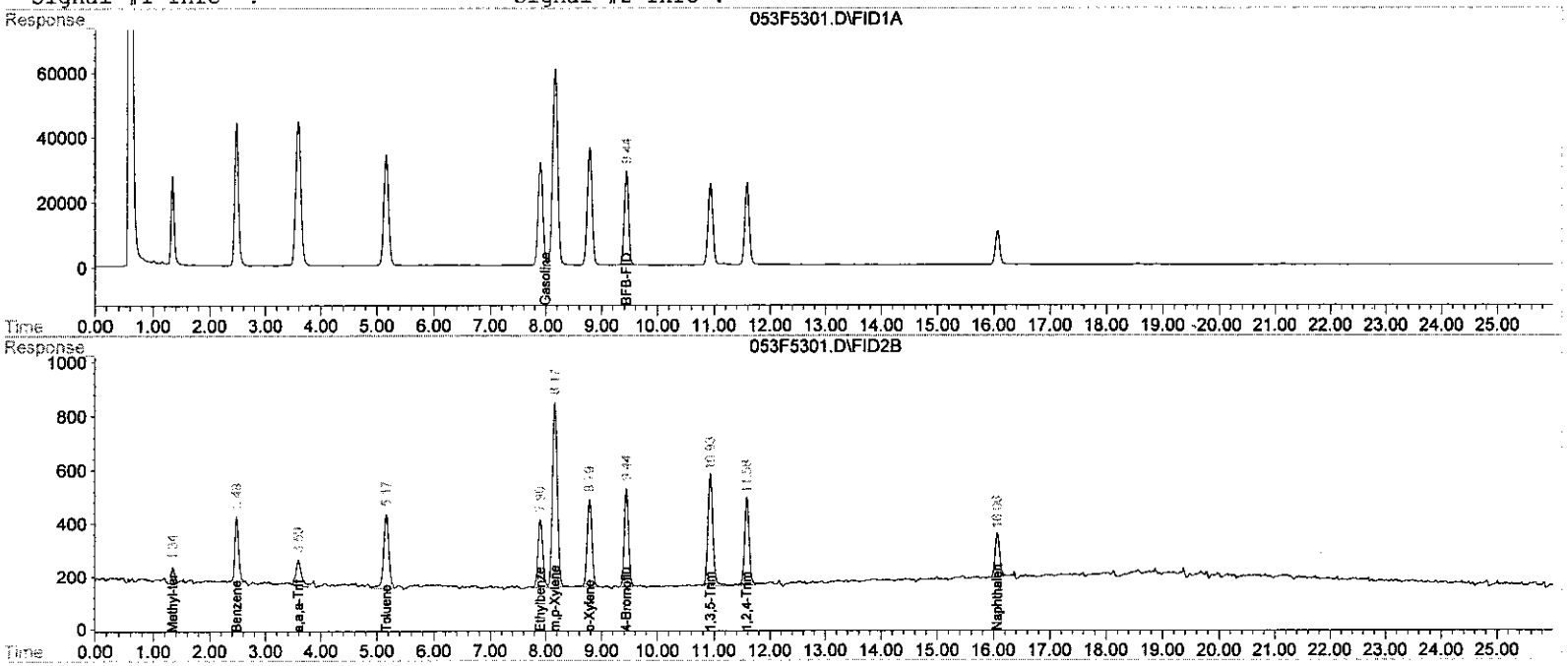
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID1A.CH Vial: 53
Acq On : 19-Jul-2005, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID2B.CH Vial: 53
Acq On : 19-Jul-05, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 18:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Pace Analytical

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 4

AP 7/20/05

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-351	is1	GC-S-1-354	m1	GC-1-111D	ms1	GC-1-109C
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	05-1665	0584	<2	2059/2060	042F4301	Water	5mL	1	7/19/05 10:39	Foam-over, RR 10X- DNR
2	05-1713	0804	>2	2059/2060	043F4401	Water	2.5mL	2	7/19/05 11:11	Sample was unpreserved.
3	05-1665	0586	<2	2059/2060	044F4501	Water	5mL	1	7/19/05 11:44	
4	05-1665	0587	<2	2059/2060	045F4601	Water	5mL	1	7/19/05 12:16	Foam-over, RR 10X- DNR
5	05-1665	0588	<2	2059/2060	046F4701	Water	5mL	1	7/19/05 12:48	
6	05-1665	0589	<2	2059/2060	047F4801	Water	5mL	1	7/19/05 13:21	RR 20X G,E,mp
7	05-1665	0590	<2	2059/2060	048F4901	Water	5mL	1	7/19/05 13:52	Foam-over, RR 10X- DNR
8	n/a	GRO CCV	<2	n/a	049F5001	Water	5mL	1	7/19/05 14:25	Reran CCV pair due to carry-over.
9	n/a	BTEX CCV	<2	n/a	050F5101	Water	5mL	1	7/19/05 14:57	
10	n/a	GRO CCV	<2	n/a	052F5201	Water	5mL	1	7/19/05 16:03	
11	n/a	BTEX CCV	<2	n/a	053F5301	Water	5mL	1	7/19/05 16:35	

Pace Analytical

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 5 **Page 1 of 50**

MD 7/20/05

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-351	is1	GC-S-1-356	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	MB Sol	n/a	n/a	001F0101	Soil	10.00g	1	7/19/05 19:11	Carry-over-- DNR
2	n/a	LCS Sol	n/a	n/a	002F0201	Soil	5.00g	1	7/19/05 19:43 **Run# 3976**	Carry-over-- DNR
3	05-1684	0681	n/a	n/a	003F0301	Soil	10.01g	1	7/19/05 20:15	Foam-over-- RR 5X, DNR
4	05-1656	0530	n/a	n/a	004F0401	Soil	10.01g	1	7/19/05 20:48	Carry-over-- DNR
5	05-1656	0530MS	n/a	2100/2101	005F0501	Soil	5.00g	1	7/19/05 21:20	Opening CCV's taken from close previous run.
6	05-1656	0530SD	n/a	2100/2101	006F0601	Soil	5.03g	1	7/19/05 21:52	Book 4, page 49 MD 7/20/05
7	n/a	MB Aq	n/a	2098/2099	007F0701	Water	5mL	1	7/19/05 22:25	
8	n/a	LCS Aq	n/a	2098/2099	008F0801	Water	5mL	1	7/19/05 22:57	
9	n/a	LCSD Aq	n/a	2098/2099	009F0901	Water	5mL	1	7/19/05 23:29	
10	05-1665	0591	<2	2098/2099	010F1001	Water	5mL	1	7/20/05 0:01 **Run# 3977**	
11	n/a	GRO CCV	n/a	n/a	011F1101	Water	5mL	1	7/20/05 0:34	
12	n/a	BTEX CCV	n/a	n/a	012F1201	Water	5mL	1	7/20/05 1:06	
13	05-1665	0592	<2	2098/2099	013F1301	Water	5mL	1	7/20/05 1:38	
14	05-1665	0593	<2	2098/2099	014F1401	Water	5mL	1	7/20/05 2:11	
15	05-1665	0585	<2	n/a	015F1501	Water	5mL	1	7/20/05 2:42	Foam-over-- RR 10X, DNR
16	05-1657	0537	<2	2098/2099	016F1601	Water	0.5mL	10	7/20/05 3:15	
17	05-1657	0538	<2	2098/2099	017F1701	Water	0.5mL	10	7/20/05 3:47	
18	05-1657	0539	<2	n/a	018F1801	Water	0.5mL	10	7/20/05 4:20	Foam-over-- RR 20X, DNR
19	05-1665	0583	<2	2098/2099	019F1901	Water	0.5mL	10	7/20/05 4:53	
20	05-1665	0584	<2	2098/2099	020F2001	Water	0.5mL	10	7/20/05 5:25	
21	05-1665	0587	<2	2098/2099	021F2101	Water	0.5mL	10	7/20/05 5:57	

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5 Page 1 of 50

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-351	is1	GC-S-1-356	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-350	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

KP 7/25/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1665	0590	<2	n/a	022F2201	Water	0.5mL	10	7/20/05 6:29	RR 500X-- DNR
23	n/a	GRO CCV	n/a	n/a	023F2301	Water	5mL	1	7/20/05 7:01	
24	n/a	BTEX CCV	n/a	n/a	024F2401	Water	5mL	1	7/20/05 7:33	
25	05-1657	0542	<2	2098/2099	025F2501	Water	0.5mL	10	7/20/05 8:06	GRO hit due to unknown peak in GRO range.
26	05-1657	0541	<2	n/a	026F2601	Water	0.25mL	20	7/20/05 8:38	Foam-over-- RR 50X, DNR
27	05-1665	0589	<2	2098/2099	027F2701	Water	0.25mL	20	7/20/05 9:10	RR 50X E
28	n/a	GRO CCV	n/a	n/a	028F2801	Water	5mL	1	7/20/05 9:43	
29	n/a	BTEX CCV	n/a	n/a	029F2901	Water	5mL	1	7/20/05 10:15	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 007F0701.D

	Spike Sample	Spike Duplicate Sample
File ID :	008F0801.D	009F0901.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	19-Jul-2005, 22:57:17	19-Jul-2005, 23:29:37

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1544	1607	93	97	4	20	70-130
Benzene	0.0	23	25	27	109	119	9	20	70-130
Toluene	0.0	123	120	115	97	93	4	20	70-130
Ethylbenzene	0.0	29	28	27	94	92	3	20	70-130
m,p-Xylene	0.0	103	100	96	96	92	4	20	70-130
o-Xylene	0.0	42	45	43	107	103	4	20	70-130

- Fails Limit Check

0617ARCH.M Mon Jul 25 13:55:10 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID1A.CH Vial: 52
Acq On : 19-Jul-2005, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID2B.CH Vial: 52
Acq On : 19-Jul-05, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 17:55 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6168	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1687769	108.081 ug/L
Spiked Amount 100.000		Recovery =	108.08%
11) S 4-Bromofluorobenzene	9.44	22306	103.185 ug/L
iked Amount 100.000		Recovery =	103.19%
Target Compounds			
1) H T M Gasoline	8.00	30187386	1133.993 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	5562	24.372 ug/L
7) T M Toluene	5.16	27921	90.652 ug/L
8) T M Ethylbenzene	7.90	8064	25.240 ug/L
9) T M m,p-Xylene	8.16	46028	115.993 ug/L
10) T M o-Xylene	8.78	27747	85.437 ug/L
12) T 1,3,5-Trimethylbenzene	10.92	6974	13.454 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	18238	47.141 ug/L
14) T Naphthalene	16.08	1702	11.727 ug/L

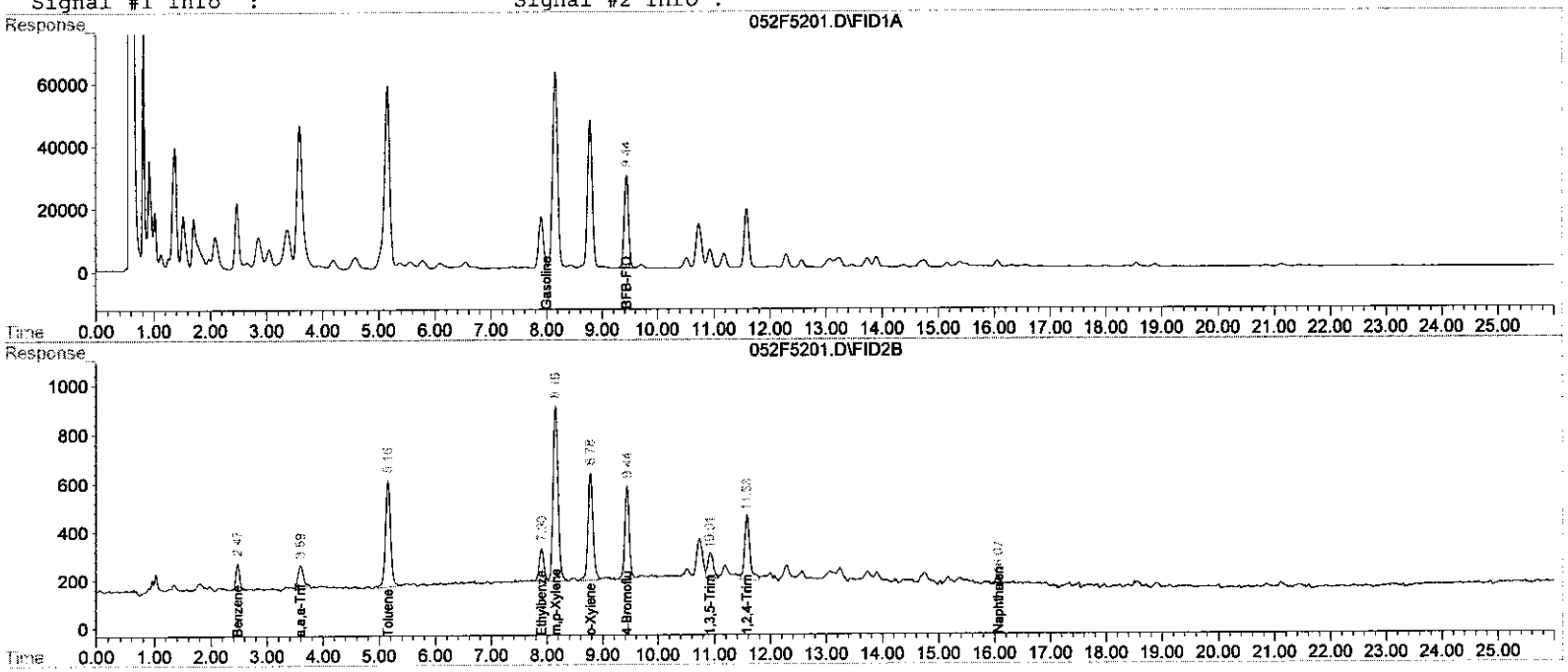
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID1A.CH Vial: 52
Acq On : 19-Jul-2005, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\052F5201.D\FID2B.CH Vial: 52
Acq On : 19-Jul-05, 16:03:54 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 17:55 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID1A.CH Vial: 53
Acq On : 19-Jul-2005, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID2B.CH Vial: 53
Acq On : 19-Jul-05, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 18:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6938	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1593919	102.056 ug/L
Spiked Amount 100.000		Recovery =	102.06%
11) S 4-Bromofluorobenzene	9.44	20442	84.065 ug/L
Spiked Amount 100.000		Recovery =	84.07%
Target Compounds			
1) H T M Gasoline	8.00	19553052	686.484 ug/L
5) T Methyl-tert-butyl ether	1.35	2332	41.476 ug/L
6) T M Benzene	2.48	11517	43.624 ug/L
7) T M Toluene	5.17	18146	51.956 ug/L
8) T M Ethylbenzene	7.90	15389	44.546 ug/L
9) T M m,p-Xylene	8.17	43123	96.181 ug/L
10) T M o-Xylene	8.79	19696	53.566 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	25873	44.375 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	20113	46.195 ug/L
14) T Naphthalene	16.06	9252	41.750 ug/L

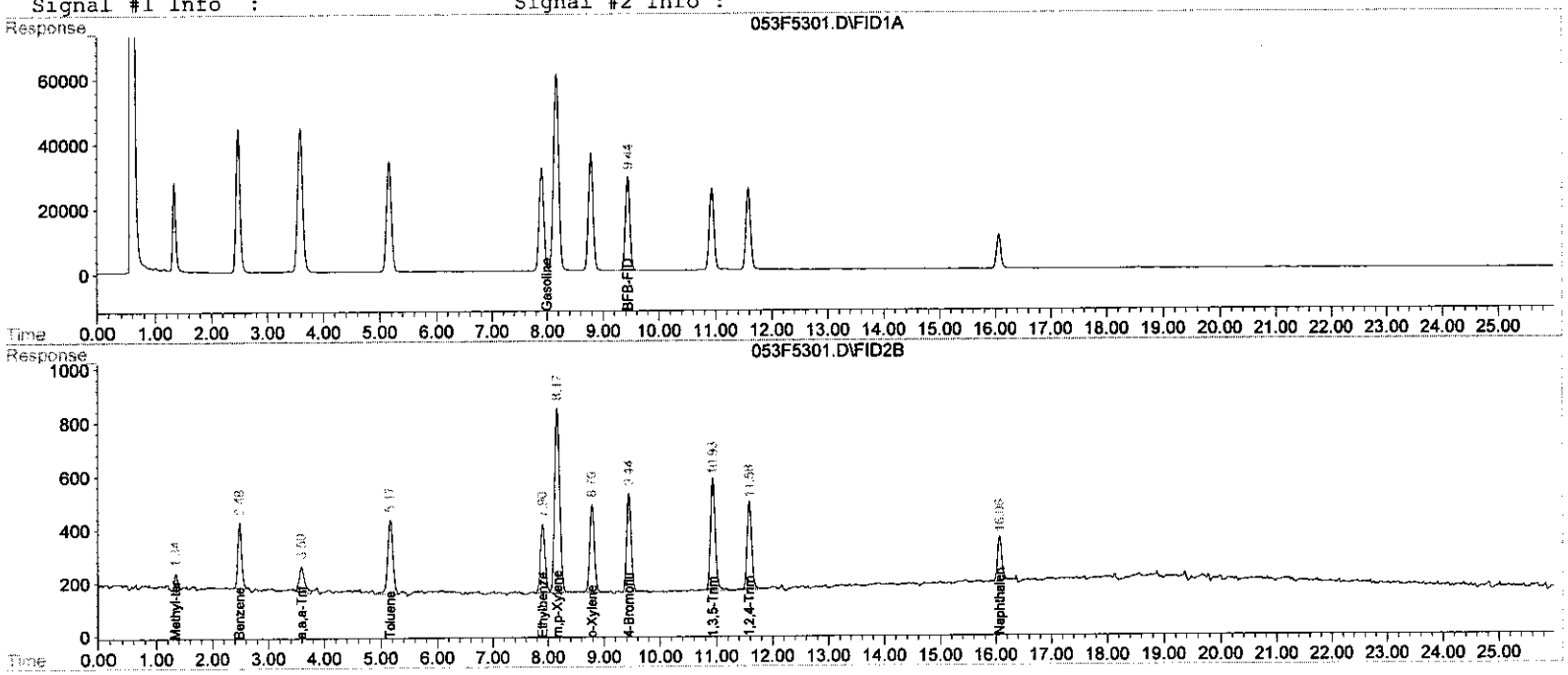
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID1A.CH Vial: 53
Acq On : 19-Jul-2005, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050718\053F5301.D\FID2B.CH Vial: 53
Acq On : 19-Jul-05, 16:35:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 19 18:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\007F0701.D\FID1A.CH Vial: 7
Acq On : 19-Jul-2005, 22:25:16 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\007F0701.D\FID2B.CH Vial: 7
Acq On : 19-Jul-05, 22:25:16 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5805	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1597118	102.262 ug/L
Spiked Amount 100.000		Recovery =	102.26%
11) S 4-Bromofluorobenzene	9.45	20267	99.623 ug/L
Spiked Amount 100.000		Recovery =	99.62%
Target Compounds			
1) H T M Gasoline	8.00	3344648	4.409 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	8.16	1672	2.013 ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

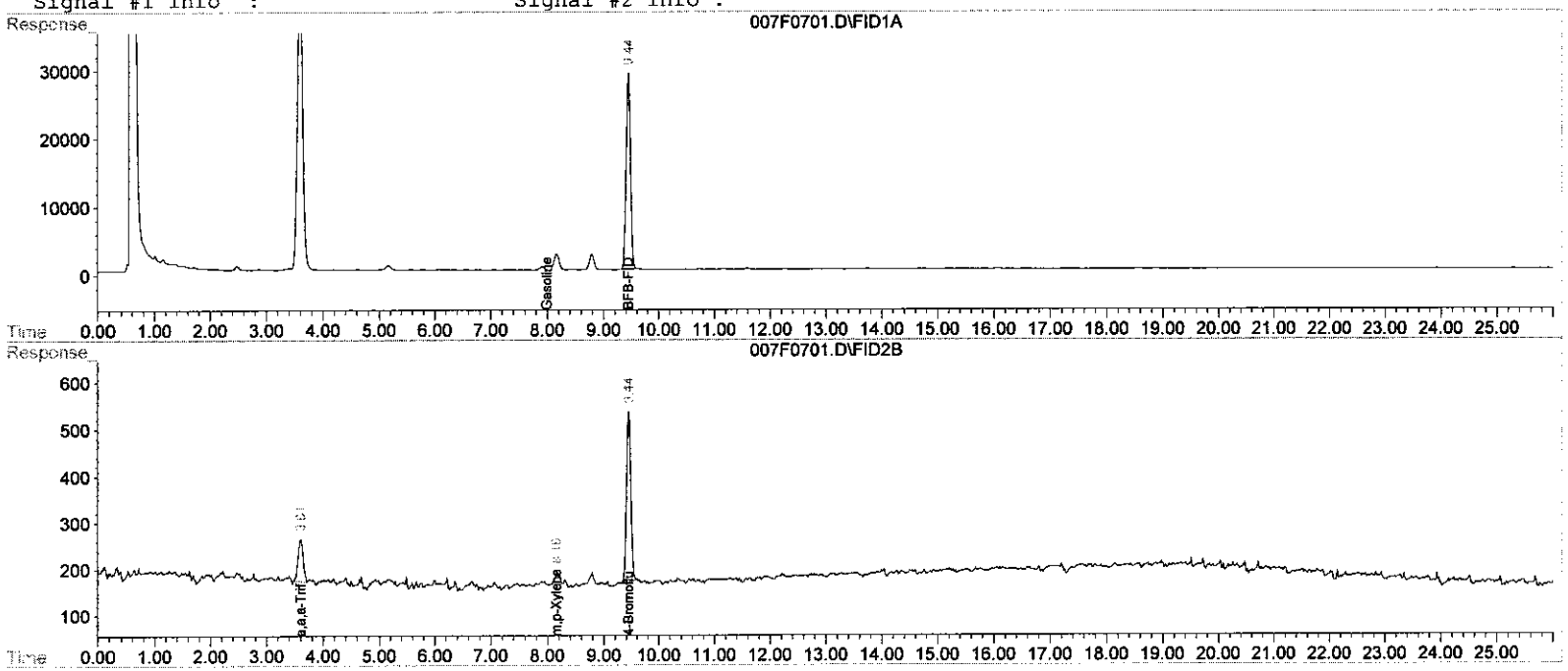
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\007F0701.D\FID1A.CH Vial: 7
Acq On : 19-Jul-2005, 22:25:16 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\007F0701.D\FID2B.CH Vial: 7
Acq On : 19-Jul-05, 22:25:16 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\008F0801.D\FID1A.CH Vial: 8
Acq On : 19-Jul-2005, 22:57:17 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\008F0801.D\FID2B.CH Vial: 8
Acq On : 19-Jul-05, 22:57:17 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6420	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1713847	109.755 ug/L
Spiked Amount 100.000		Recovery =	109.76%
11) S 4-Bromofluorobenzene	9.45	20707	92.030 ug/L
iked Amount 100.000		Recovery =	92.03%
Target Compounds			
1) H T M Gasoline	8.00	39926393	1543.826 ug/L
5) T Methyl-tert-butyl ether	1.35	1722	32.996 ug/L
6) T M Benzene	2.48	5928	24.922 ug/L
7) T M Toluene	5.17	38413	120.142 ug/L
8) T M Ethylbenzene	7.91	9139	27.703 ug/L
9) T M m,p-Xylene	8.17	41550	100.259 ug/L
10) T M o-Xylene	8.79	15233	44.617 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8823	16.353 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	23664	59.045 ug/L
14) T Naphthalene	16.07	1768	11.711 ug/L

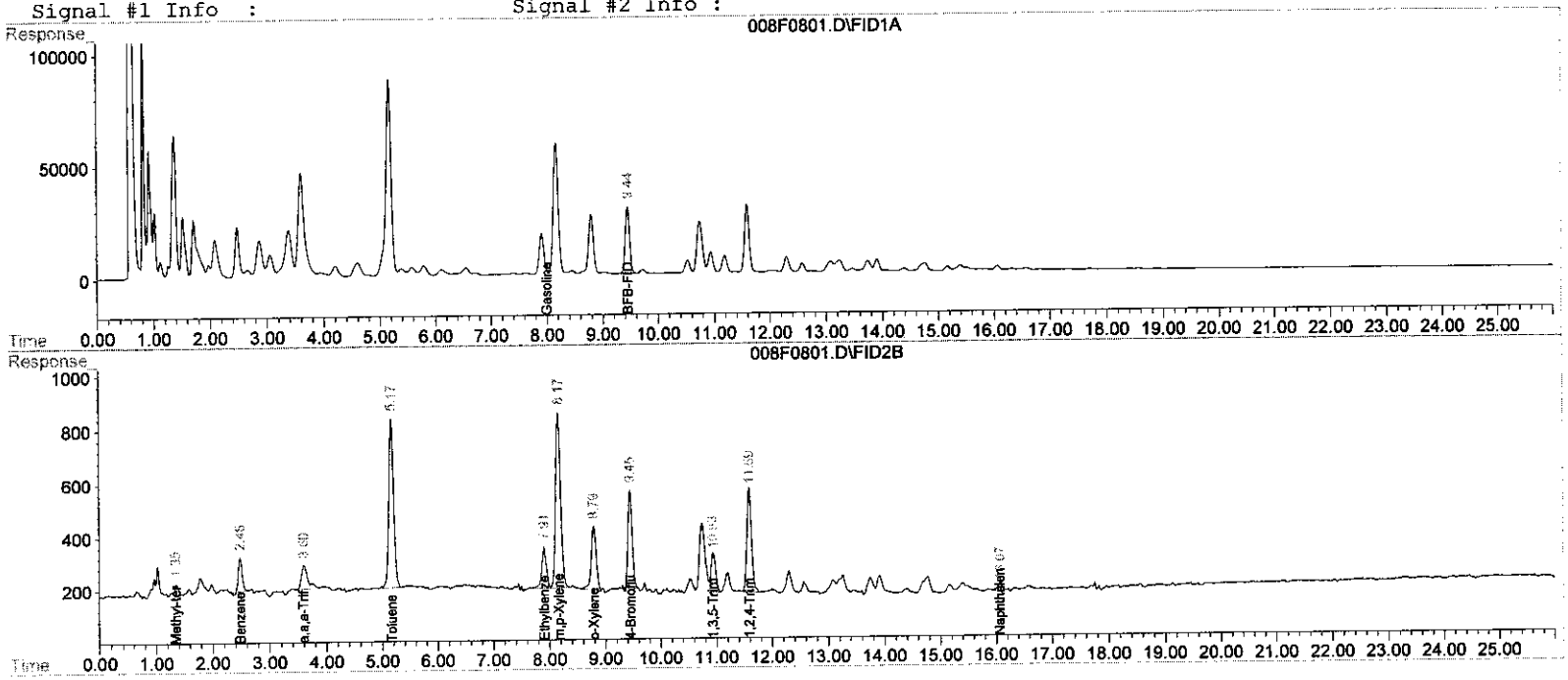
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\008F0801.D\FID1A.CH Vial: 8
Acq On : 19-Jul-2005, 22:57:17 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\008F0801.D\FID2B.CH Vial: 8
Acq On : 19-Jul-05, 22:57:17 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\009F0901.D\FID1A.CH Vial: 9
Acq On : 19-Jul-2005, 23:29:37 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\009F0901.D\FID2B.CH Vial: 9
Acq On : 19-Jul-05, 23:29:37 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:15 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	7039	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1720311	110.170 ug/L
Spiked Amount 100.000		Recovery =	110.17%
11) S 4-Bromofluorobenzene	9.44	21107	85.557 ug/L
Spiked Amount 100.000		Recovery =	85.56%
Target Compounds			
1) H T M Gasoline	8.00	41432957	1607.224 ug/L
5) T Methyl-tert-butyl ether	1.35	817	14.009 ug/L
6) T M Benzene	2.48	7124	27.173 ug/L
7) T M Toluene	5.17	40413	115.241 ug/L
8) T M Ethylbenzene	7.91	9757	26.908 ug/L
9) T M m,p-Xylene	8.16	43652	95.959 ug/L
10) T M o-Xylene	8.79	16041	42.814 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	9726	16.443 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	24036	54.617 ug/L
14) T Naphthalene	16.07	2240	12.930 ug/L

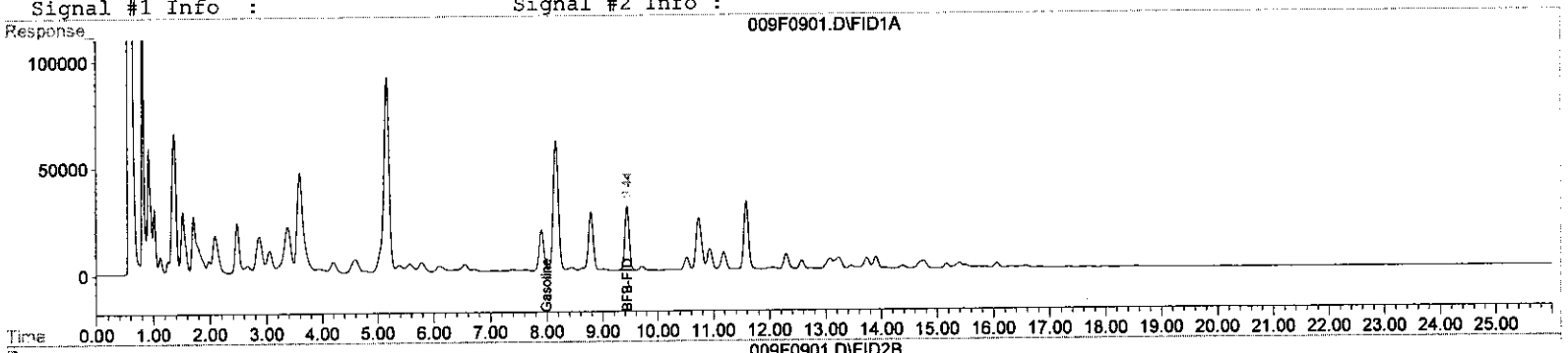
Quantitation Report

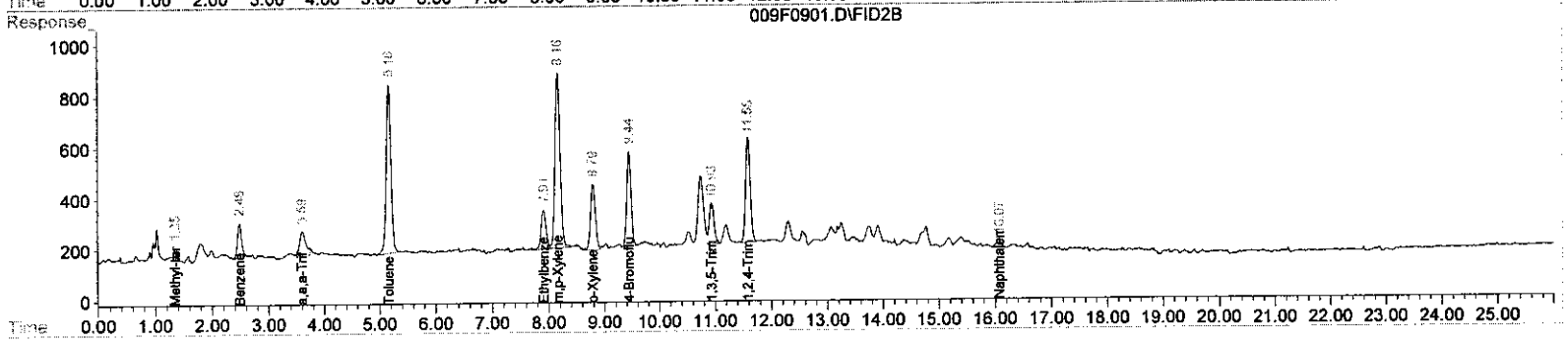
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\009F0901.D\FID1A.CH Vial: 9
Acq On : 19-Jul-2005, 23:29:37 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\009F0901.D\FID2B.CH Vial: 9
Acq On : 19-Jul-05, 23:29:37 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:15 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\011F1101.D\FID1A.CH Vial: 11
Acq On : 20-Jul-2005, 00:34:20 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\011F1101.D\FID2B.CH Vial: 11
Acq On : 20-Jul-05, 00:34:20 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6665	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1682969	107.773 ug/L
Spiked Amount 100.000		Recovery =	107.77%
11) S 4-Bromofluorobenzene	9.44	20614	88.259 ug/L
Spiked Amount 100.000		Recovery =	88.26%
Target Compounds			
1) H T M Gasoline	8.00	24367395	889.079 ug/L
5) T Methyl-tert-butyl ether	1.37	971	17.703 ug/L
6) T M Benzene	2.49	3262	13.900 ug/L
7) T M Toluene	5.17	23316	69.837 ug/L
8) T M Ethylbenzene	7.91	4595	12.140 ug/L
9) T M m,p-Xylene	8.17	24417	55.646 ug/L
10) T M o-Xylene	8.79	8344	23.095 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	5597	9.995 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14019	33.211 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

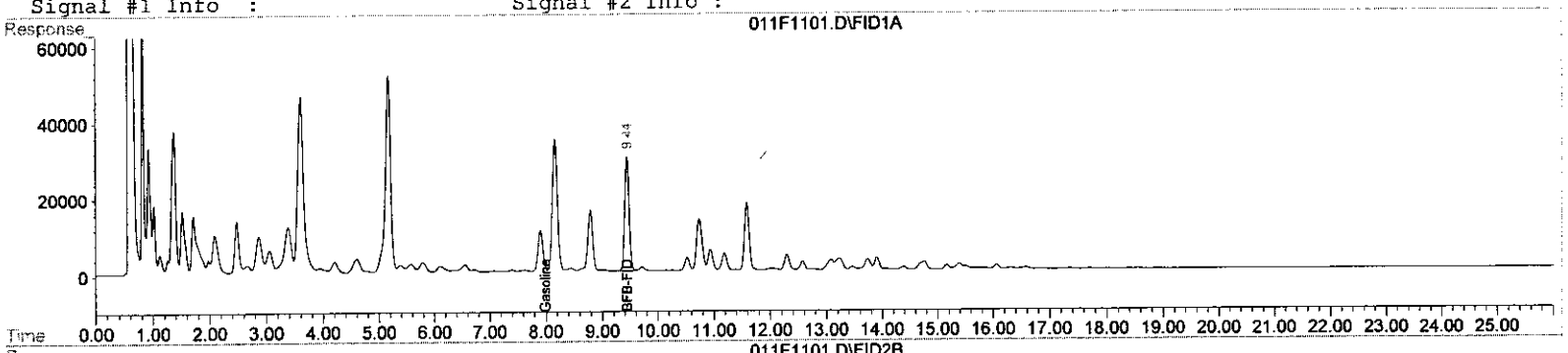
Quantitation Report

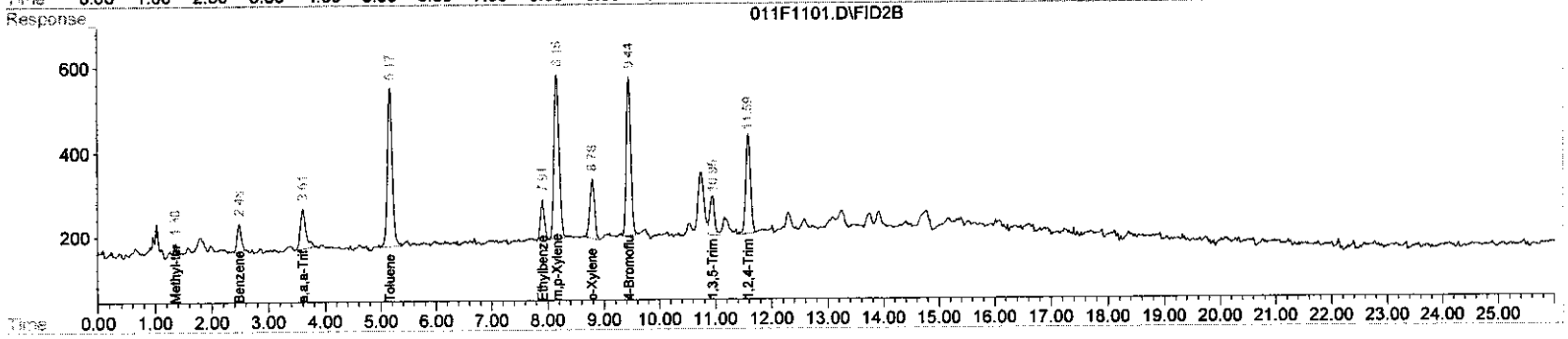
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\011F1101.D\FID1A.CH Vial: 11
Acq On : 20-Jul-2005, 00:34:20 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\011F1101.D\FID2B.CH Vial: 11
Acq On : 20-Jul-05, 00:34:20 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\012F1201.D\FID1A.CH Vial: 12
Acq On : 20-Jul-2005, 01:06:37 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\012F1201.D\FID2B.CH Vial: 12
Acq On : 20-Jul-05, 01:06:37 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5821	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1624596	104.026 ug/L
Spiked Amount 100.000	Recovery	=	104.03%
11) S 4-Bromofluorobenzene	9.45	22878	112.140 ug/L
iked Amount 100.000	Recovery	=	112.14%
Target Compounds			
1) H T M Gasoline	8.00	18875440	657.969 ug/L
5) T Methyl-tert-butyl ether	1.35	2265	48.104 ug/L
6) T M Benzene	2.48	11893	53.353 ug/L
7) T M Toluene	5.17	16503	56.402 ug/L
8) T M Ethylbenzene	7.91	15129	52.624 ug/L
9) T M m,p-Xylene	8.17	40405	107.715 ug/L
10) T M o-Xylene	8.79	16681	54.081 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	27931	57.097 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20050	55.102 ug/L
14) T Naphthalene	16.07	8819	46.904 ug/L

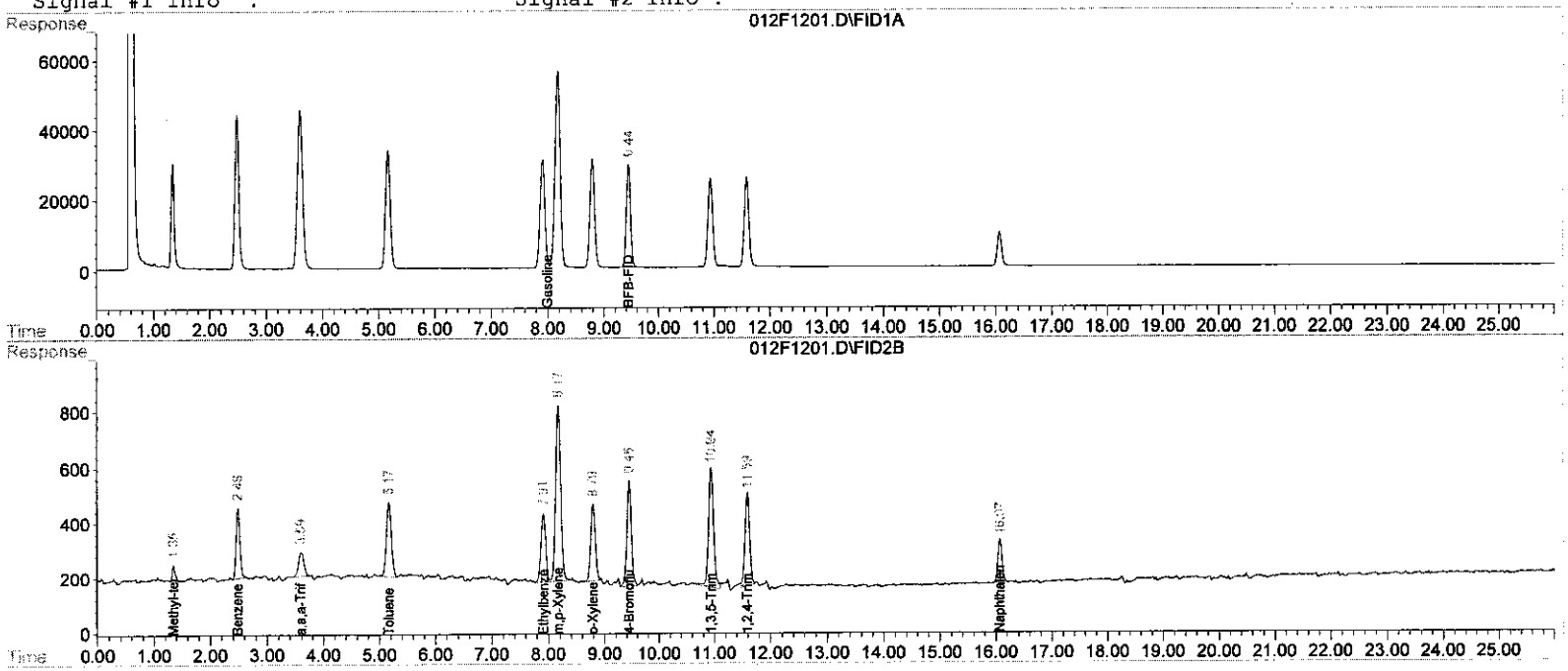
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\012F1201.D\FID1A.CH Vial: 12
Acq On : 20-Jul-2005, 01:06:37 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\012F1201.D\FID2B.CH Vial: 12
Acq On : 20-Jul-05, 01:06:37 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\016F1601.D\FID1A.CH Vial: 16
Acq On : 20-Jul-2005, 03:15:10 Operator: RG
Sample : 1657-0537,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\016F1601.D\FID2B.CH Vial: 16
Acq On : 20-Jul-05, 03:15:10 Operator: RG
Sample : 1657-0537,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

10ℓ

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6186	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1649721	105.639 ug/L
Spiked Amount 100.000		Recovery =	105.64%
11) S 4-Bromofluorobenzene	9.44	20417	94.175 ug/L
Spiked Amount 100.000		Recovery =	94.18%
Target Compounds			
1) H T M Gasoline	8.00	3270344	1.283 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

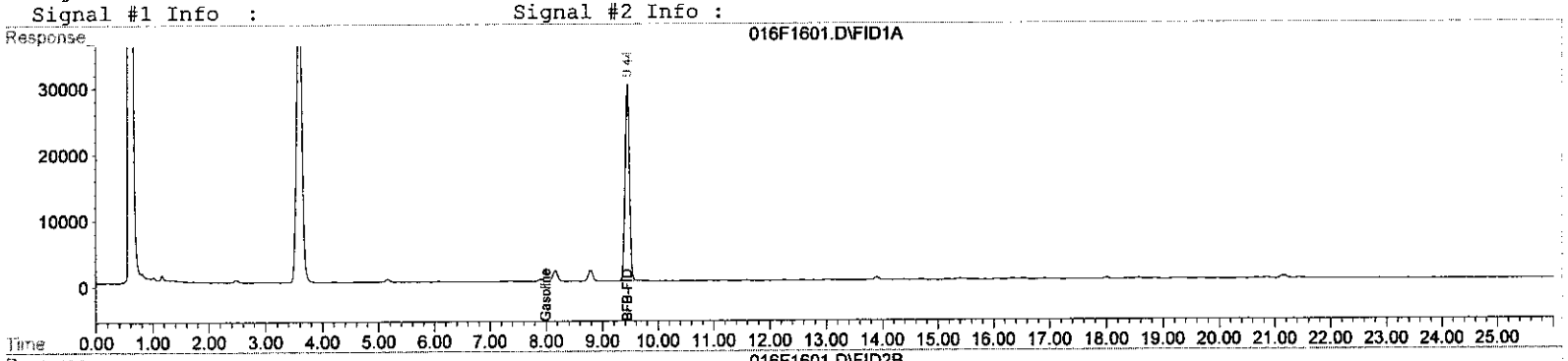
Quantitation Report

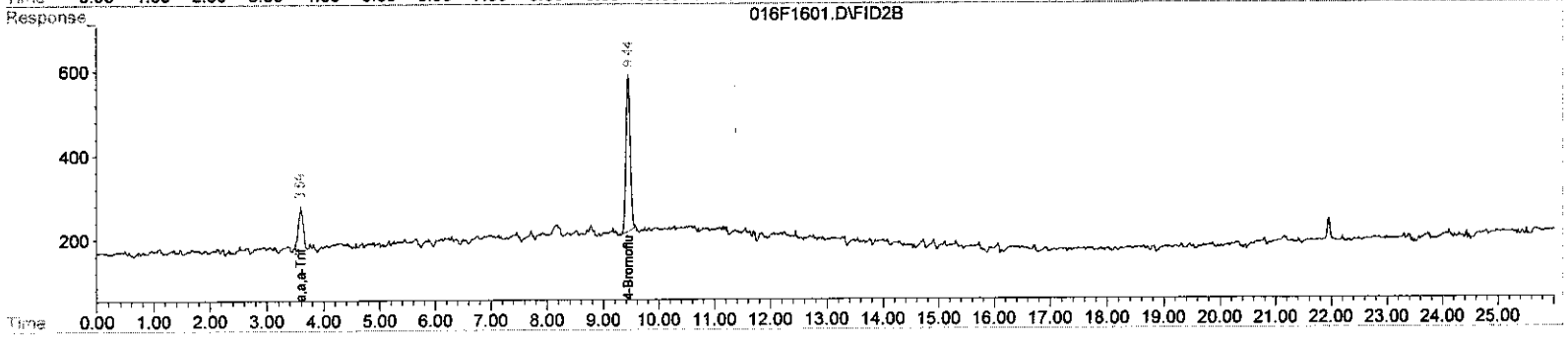
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\016F1601.D\FID1A.CH Vial: 16
Acq On : 20-Jul-2005, 03:15:10 Operator: RG
Sample : 1657-0537,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\016F1601.D\FID2B.CH Vial: 16
Acq On : 20-Jul-05, 03:15:10 Operator: RG
Sample : 1657-0537,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\017F1701.D\FID1A.CH Vial: 17
Acq On : 20-Jul-2005, 03:47:39 Operator: RG
Sample : 1657-0538,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\017F1701.D\FID2B.CH Vial: 17
Acq On : 20-Jul-05, 03:47:39 Operator: RG
Sample : 1657-0538,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info : 10X

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6089	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1644909	105.330 ug/L
Spiked Amount 100.000		Recovery =	105.33%
11) S 4-Bromofluorobenzene	9.44	20074	94.068 ug/L
Spiked Amount 100.000		Recovery =	94.07%
Target Compounds			
1) H T M Gasoline	8.00	3159652	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

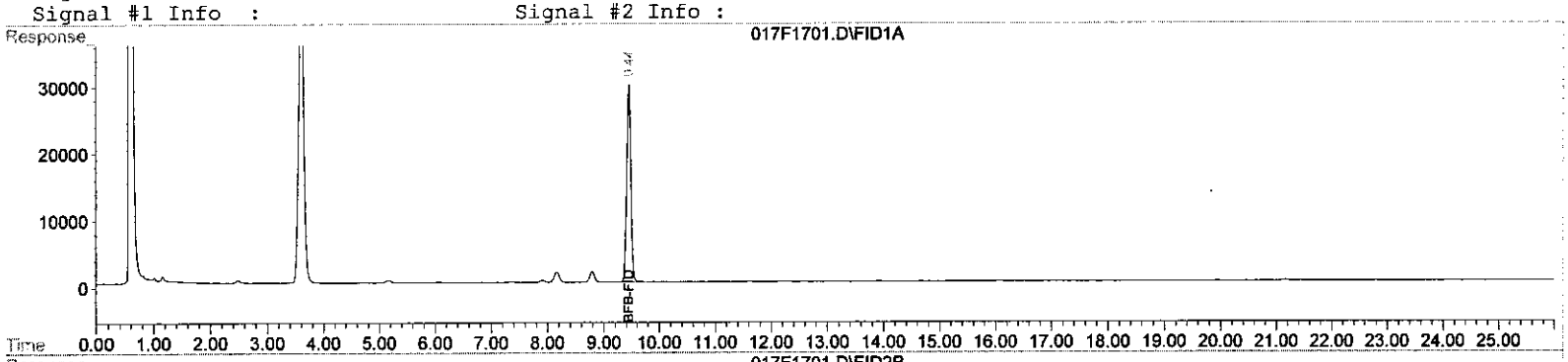
Quantitation Report

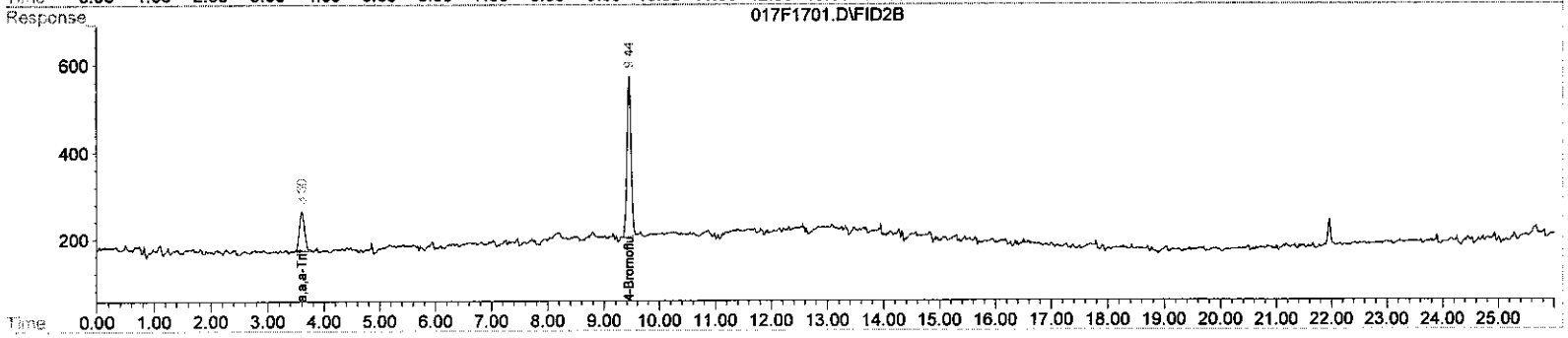
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\017F. .1.D\FID1A.CH Vial: 17
Acq On : 20-Jul-2005, 03:47:39 Operator: RG
Sample : 1657-0538,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\017F1701.D\FID2B.CH Vial: 17
Acq On : 20-Jul-05, 03:47:39 Operator: RG
Sample : 1657-0538,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\023F2301.D\FID1A.CH Vial: 23
Acq On : 20-Jul-2005, 07:01:39 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\023F2301.D\FID2B.CH Vial: 23
Acq On : 20-Jul-05, 07:01:39 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:20 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5492	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1651596	105.759 ug/L
Spiked Amount 100.000		Recovery =	105.76%
11) S 4-Bromofluorobenzene	9.44	21293	110.629 ug/L
Spiked Amount 100.000		Recovery =	110.63%
Target Compounds			
1) H T M Gasoline	8.00	24086040	877.239 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	4525	22.395 ug/L
7) T M Toluene	5.17	22872	83.327 ug/L
8) T M Ethylbenzene	7.91	5964	20.544 ug/L
9) T M m,p-Xylene	8.16	28651	80.323 ug/L
10) T M o-Xylene	8.79	11531	39.372 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	4505	9.763 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13454	38.866 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

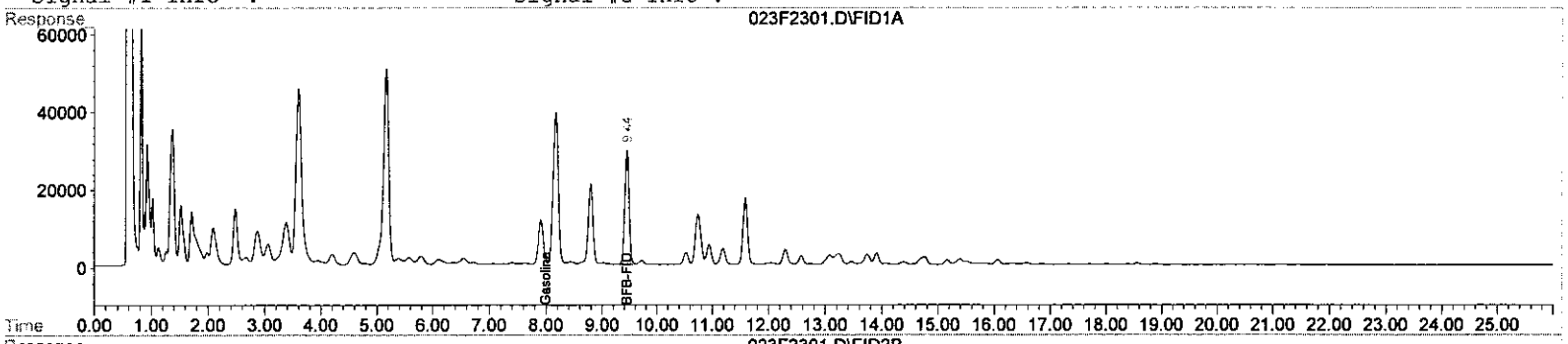
Quantitation Report

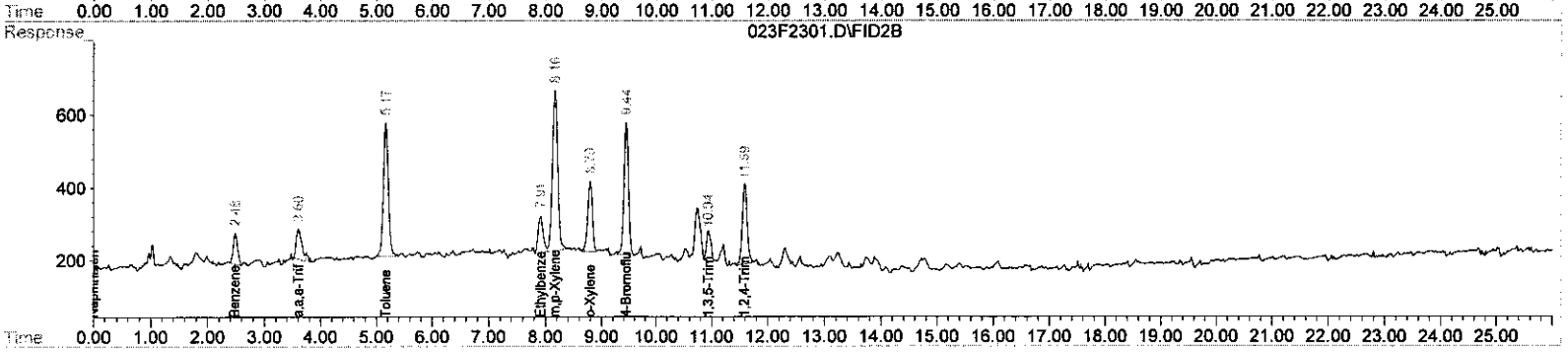
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\023F2301.D\FID1A.CH Vial: 23
Acq On : 20-Jul-2005, 07:01:39 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\023F2301.D\FID2B.CH Vial: 23
Acq On : 20-Jul-05, 07:01:39 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:20 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\024F2401.D\FID1A.CH Vial: 24
Acq On : 20-Jul-2005, 07:33:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\024F2401.D\FID2B.CH Vial: 24
Acq On : 20-Jul-05, 07:33:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5673	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1635513	104.726 ug/L
Spiked Amount 100.000		Recovery =	104.73%
11) S 4-Bromofluorobenzene	9.45	21586	108.562 ug/L
Spiked Amount 100.000		Recovery =	108.56%
Target Compounds			
1) H T M Gasoline	8.00	19113054	667.968 ug/L
5) T Methyl-tert-butyl ether	1.35	2433	53.064 ug/L
6) T M Benzene	2.49	11516	53.017 ug/L
7) T M Toluene	5.17	15104	52.907 ug/L
8) T M Ethylbenzene	7.91	14556	51.916 ug/L
9) T M m,p-Xylene	8.17	40595	111.120 ug/L
10) T M o-Xylene	8.79	16860	56.120 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	26730	56.067 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19969	56.334 ug/L
14) T Naphthalene	16.07	9734	52.606 ug/L

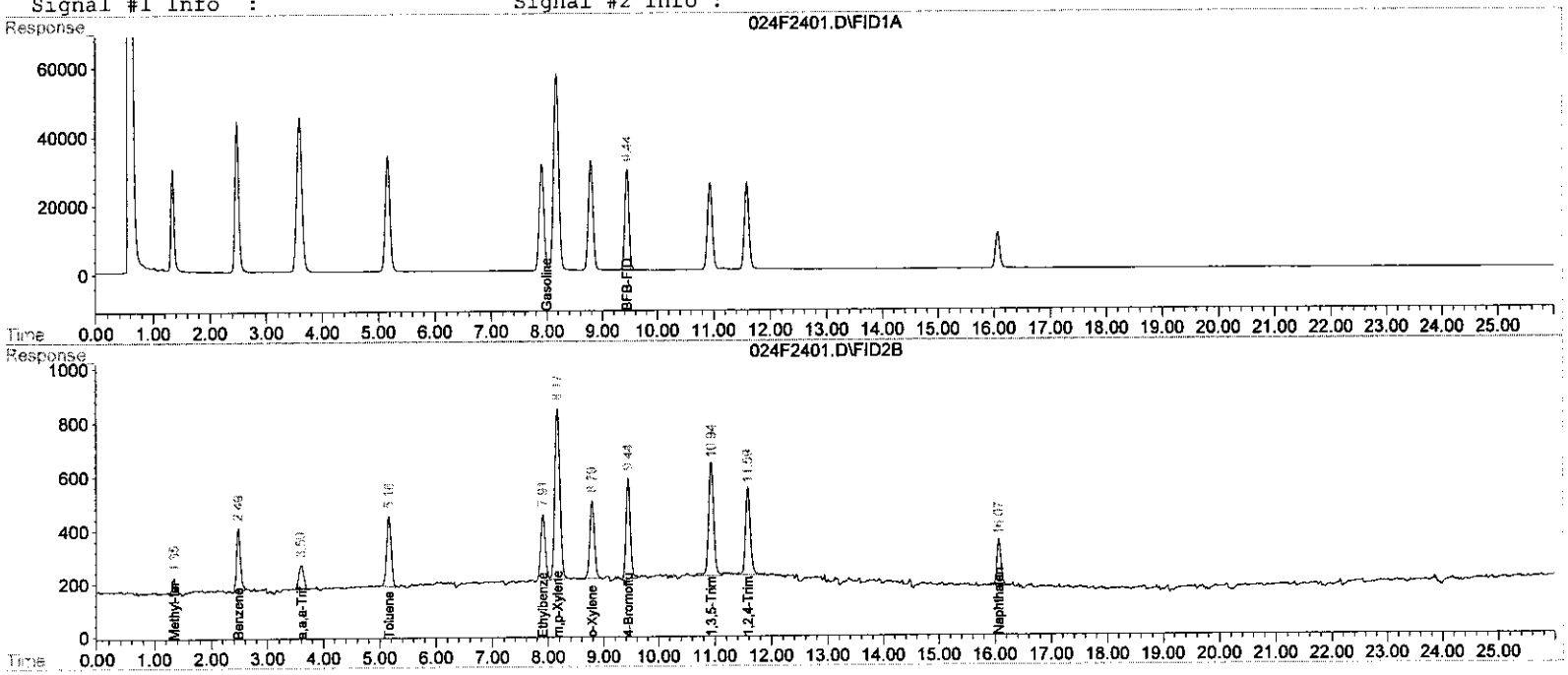
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\024F2401.D\FID1A.CH Vial: 24
Acq On : 20-Jul-2005, 07:33:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\024F2401.D\FID2B.CH Vial: 24
Acq On : 20-Jul-05, 07:33:56 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\025F2501.D\FID1A.CH Vial: 25
Acq On : 20-Jul-2005, 08:06:33 Operator: RG
Sample : 1657-0542,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\025F2501.D\FID2B.CH Vial: 25
Acq On : 20-Jul-05, 08:06:33 Operator: RG
Sample : 1657-0542,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info : 19X

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5921	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.45	1669905	106.934 ug/L
Spiked Amount 100.000	Recovery	=	106.93%
11) S 4-Bromofluorobenzene	9.45	22390	107.896 ug/L
Spiked Amount 100.000	Recovery	=	107.90%
Target Compounds			
1) H T M Gasoline	8.00	42799361	1664.725 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.50	962	5.598 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	7.92	2625	6.921 ug/L
9) T M m,p-Xylene	8.16	3522	6.885 ug/L
10) T M o-Xylene	8.78	1466	3.808 ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	11.58	1916	4.151 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

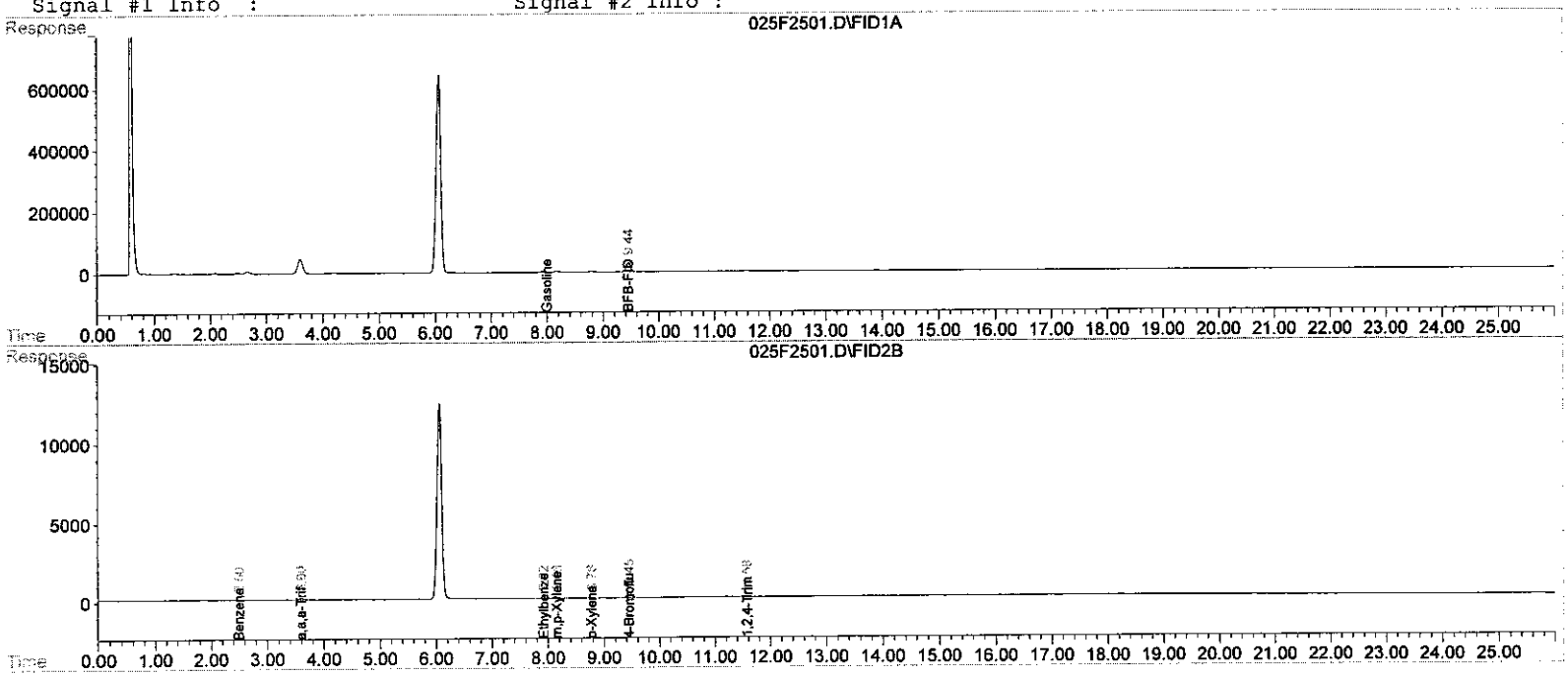
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\025F. 01.D\FID1A.CH Vial: 25
Acq On : 20-Jul-2005, 08:06:33 Operator: RG
Sample : 1657-0542,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\025F2501.D\FID2B.CH Vial: 25
Acq On : 20-Jul-05, 08:06:33 Operator: RG
Sample : 1657-0542,,10, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 12:59 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\028F2801.D\FID1A.CH Vial: 28
Acq On : 20-Jul-2005, 09:43:19 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\028F2801.D\FID2B.CH Vial: 28
Acq On : 20-Jul-05, 09:43:19 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.62	5793	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.45	1679182	107.530 ug/L
Spiked Amount 100.000		Recovery =	107.53%
11) S 4-Bromofluorobenzene	9.45	22850	112.544 ug/L
Spiked Amount 100.000		Recovery =	112.54%
Target Compounds			
1) H T M Gasoline	8.00	24545574	896.577 ug/L
5) T Methyl-tert-butyl ether	1.37	981	20.648 ug/L
6) T M Benzene	2.48	4732	22.217 ug/L
7) T M Toluene	5.17	23583	81.426 ug/L
8) T M Ethylbenzene	7.92	6040	19.625 ug/L
9) T M m,p-Xylene	8.17	25523	67.432 ug/L
10) T M o-Xylene	8.79	8107	25.928 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6466	13.282 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	16294	44.789 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

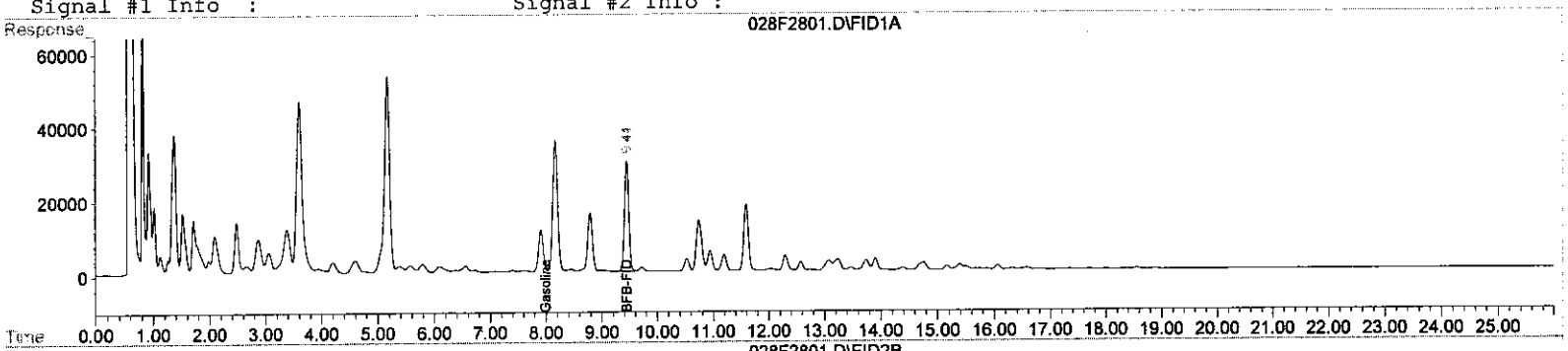
Quantitation Report

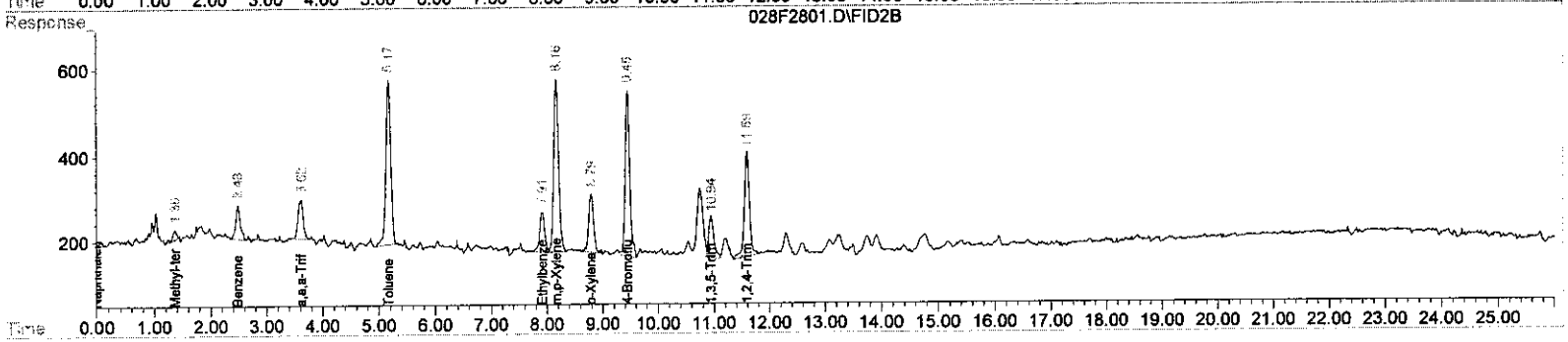
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\028F2801.D\FID1A.CH Vial: 28
Acq On : 20-Jul-2005, 09:43:19 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\028F2801.D\FID2B.CH Vial: 28
Acq On : 20-Jul-05, 09:43:19 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\029F2901.D\FID1A.CH Vial: 29
Acq On : 20-Jul-2005, 10:15:39 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\029F2901.D\FID2B.CH Vial: 29
Acq On : 20-Jul-05, 10:15:39 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:22 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5787	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1622391	103.884 ug/L
Spiked Amount 100.000		Recovery =	103.88%
11) S 4-Bromofluorobenzene	9.44	20571	101.423 ug/L
Spiked Amount 100.000		Recovery =	101.42%
Target Compounds			
1) H T M Gasoline	8.00	19234404	673.075 ug/L
5) T Methyl-tert-butyl ether	1.35	2603	55.667 ug/L
6) T M Benzene	2.48	12441	56.062 ug/L
7) T M Toluene	5.17	15033	51.598 ug/L
8) T M Ethylbenzene	7.91	15045	52.637 ug/L
9) T M m,p-Xylene	8.17	40397	108.337 ug/L
10) T M o-Xylene	8.79	16912	55.171 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	25799	53.049 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18587	51.304 ug/L
14) T Naphthalene	16.07	10230	54.077 ug/L

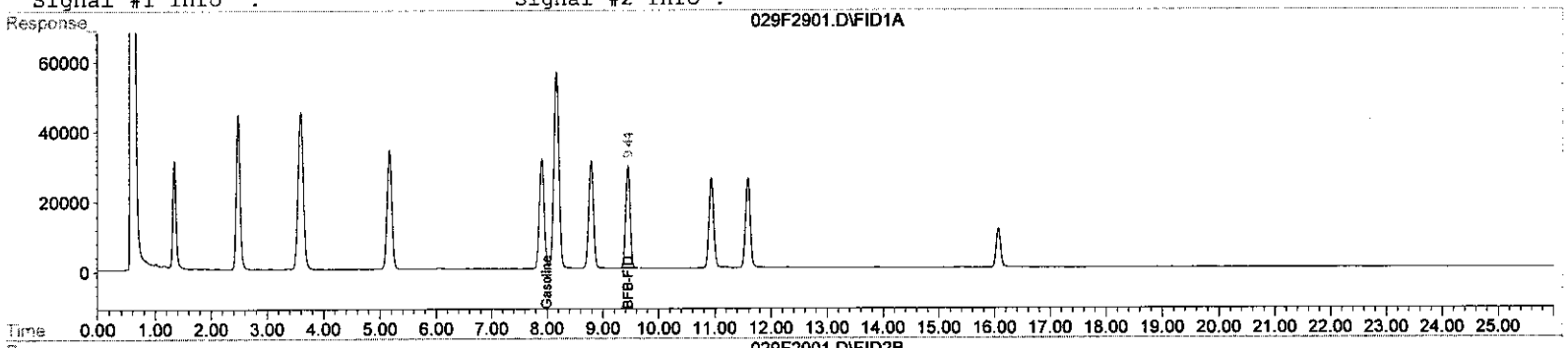
Quantitation Report

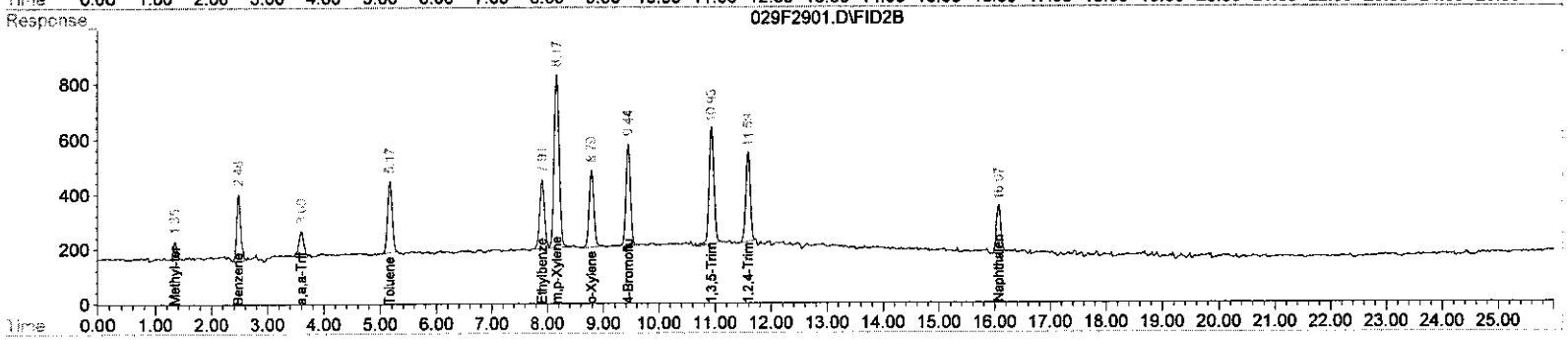
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\029F2 01.D\FID1A.CH Vial: 29
Acq On : 20-Jul-2005, 10:15:39 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050719\029F2901.D\FID2B.CH Vial: 29
Acq On : 20-Jul-05, 10:15:39 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 13:22 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Pace Analytical

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5 Page 1 of 50

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-358	is1	GC-S-1-356	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-357	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

AP 7/21/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	Instrument BL	n/a	n/a	001F0101	Water	5mL	1	7/20/05 16:05 **Run# 3974**	
2	n/a	Instrument BL	n/a	n/a	001F0201	Water	5mL	1	7/20/05 16:38	
3	n/a	Instrument BL	n/a	n/a	001F0301	Water	5mL	1	7/20/05 17:10	
4	n/a	Instrument BL	n/a	n/a	001F0401	Water	5mL	1	7/20/05 17:42	
5	n/a	GRO CCV	n/a	n/a	046F0501	Water	5mL	1	7/20/05 18:54	
6	n/a	BTEX CCV	n/a	n/a	047F0601	Water	5mL	1	7/20/05 19:26	
7	n/a	MB Sol	n/a	2100/2101	001F0701	Soil	10.00g	1	7/20/05 19:59	High extended solvent front-- DNR
8	n/a	LCS Sol	n/a	2100/2101	002F0801	Soil	5.00g	1	7/20/05 20:31	
9	05-1684	0681	n/a	2100/2101	003F0901	Soil	10.01g	5	7/20/05 21:04	
10	05-1656	0530	n/a	2100/2101	004F1001	Soil	10.01g	1	7/20/05 21:36	
11	n/a	MB Aq	n/a	2102/2103	005F1101	Water	5mL	1	7/20/05 22:09	
12	n/a	LCS Aq	n/a	2102/2103	006F1201	Water	5mL	1	7/20/05 22:41	
13	n/a	LCSD Aq	n/a	2102/2103	007F1301	Water	5mL	1	7/20/05 23:13	
14	05-1665	0585	<2	2102/2103	008F1401	Water	0.5mL	10	7/20/05 23:45	
15	05-1657	0539	>2	2102/2103	009F1501	Water	0.25mL	20	7/21/05 0:17 **Run# 3975**	Sample was unpreserved.
16	05-1665	0590	<2	2102/2103	010F1601	Water	0.01mL	500	7/21/05 0:50	
17	n/a	GRO CCV	n/a	n/a	011F1701	Water	5mL	1	7/21/05 1:22	
18	n/a	BTEX CCV	n/a	n/a	012F1801	Water	5mL	1	7/21/05 1:55	
19	05-1657	0541	>2	2102/2103	013F1901	Water	0.1mL	50	7/21/05 2:27	Sample was unpreserved.
20	05-1665	0589	<2	2102/2103	014F2001	Water	0.1mL	50	7/21/05 3:00	
21	n/a	MB Sol	n/a	2100/2101	015F2101	Soil	10.00g	1	7/21/05 3:32	

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 5 **Page 1 of 50**

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-355	bcc1	GC-S-1-358	is1	GC-S-1-356	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-357	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

KD 7/25/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1656	0531	n/a	2100/2101	016F2201	Soil	10.03g	1	7/21/05 4:04	
23	05-1656	0532	n/a	2100/2101	017F2301	Soil	9.97g	1	7/21/05 4:37	
24	05-1656	0533	n/a	2100/2101	018F2401	Soil	10.01g	1	7/21/05 5:09	RR 50X all-- DNR
25	05-1656	0534	n/a	2100/2101	019F2501	Soil	10.00g	1	7/21/05 5:41	RR carry-over? -- Report to 7/25/05
26	05-1656	0535	n/a	2100/2101	020F2601	Soil	9.98g	1	7/21/05 6:13	
27	05-1656	0536	n/a	2100/2101	021F2701	Soil	10.02g	1	7/21/05 6:46	
28	05-1691	0708	n/a	2100/2101	022F2801	Soil	10.00g	1	7/21/05 7:18	
29	n/a	GRO CCV	n/a	n/a	023F2901	Water	5mL	1	7/21/05 7:50	
30	n/a	BTEX CCV	n/a	n/a	024F3001	Water	5mL	1	7/21/05 8:23	
31	05-1691	0709	n/a	2100/2101	025F3101	Soil	10.00g	1	7/21/05 8:55	
32	05-1691	0710	n/a	2100/2101	026F3201	Soil	9.97g	1	7/21/05 9:27	
33	05-1691	0711	n/a	2100/2101	027F3301	Soil	9.98g	1	7/21/05 10:00	
34	05-1691	0712	n/a	2100/2101	028F3401	Soil	10.03g	1	7/21/05 10:32	
35	n/a	GRO CCV	n/a	n/a	029F3501	Water	5mL	1	7/21/05 11:04	
36	n/a	BTEX CCV	n/a	n/a	030F3601	Water	5mL	1	7/21/05 11:37	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 005F1101.D

	Spike Sample	Spike Duplicate Sample
File ID :	006F1201.D	007F1301.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	20-Jul-2005, 22:41:09	20-Jul-2005, 23:13:09

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1456	1573	89	96	8	20	70-130
Benzene	0.0	23	26	26	116	113	3	20	70-130
Toluene	0.0	123	120	128	97	103	6	20	70-130
Ethylbenzene	0.0	29	27	25	91	84	8	20	70-130
m,p-Xylene	0.0	103	96	103	94	100	7	20	70-130
o-Xylene	0.0	42	38	44	90	105	15	20	70-130

- Fails Limit Check

0617ARCH.M Mon Jul 25 14:09:13 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\046F0501.D\FID1A.CH Vial: 46
Acq On : 20-Jul-2005, 18:54:15 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\046F0501.D\FID2B.CH Vial: 46
Acq On : 20-Jul-05, 18:54:15 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 21:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6006	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1684393	107.864 ug/L
Spiked Amount 100.000		Recovery =	107.86%
11) S 4-Bromofluorobenzene	9.44	21580	102.523 ug/L
Spiked Amount 100.000		Recovery =	102.52%
Target Compounds			
1) H T M Gasoline	8.00	25167258	922.739 ug/L
5) T Methyl-tert-butyl ether	1.35	902	18.257 ug/L
6) T M Benzene	2.48	3165	14.856 ug/L
7) T M Toluene	5.16	22917	76.256 ug/L
8) T M Ethylbenzene	7.90	7626	24.442 ug/L
9) T M m,p-Xylene	8.16	25505	64.905 ug/L
10) T M o-Xylene	8.78	8304	25.603 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	5253	10.408 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	14303	37.747 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

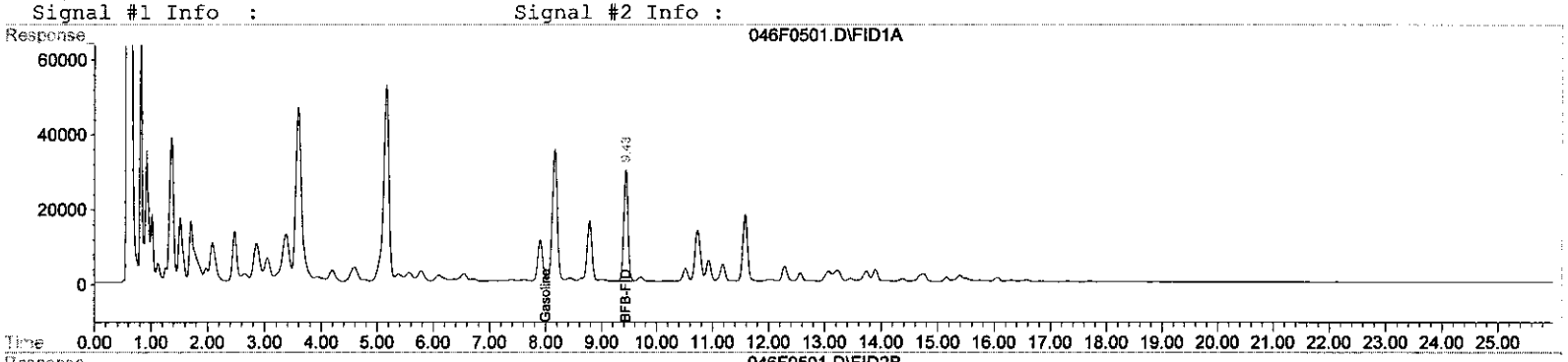
Quantitation Report

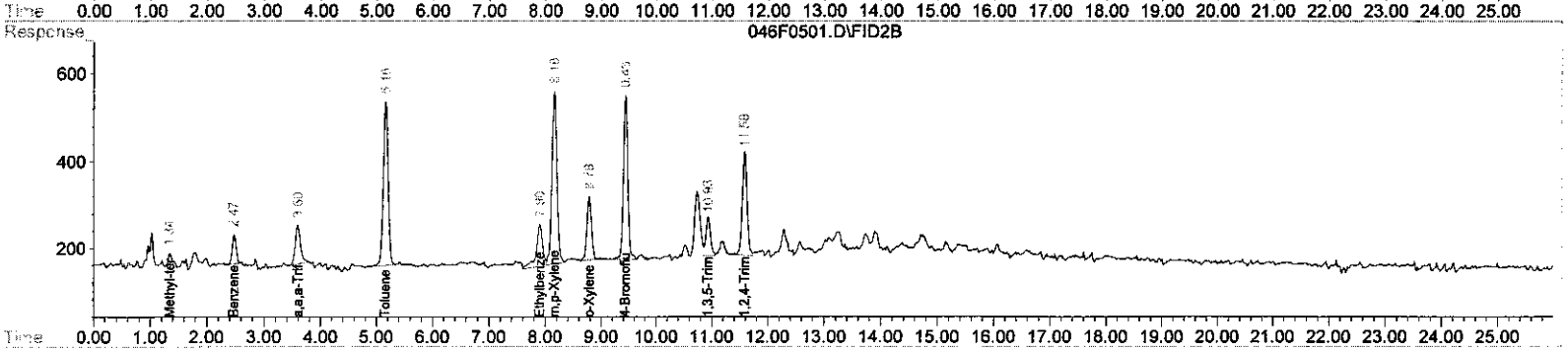
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\046F0501.D\FID1A.CH Vial: 46
Acq On : 20-Jul-2005, 18:54:15 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\046F0501.D\FID2B.CH Vial: 46
Acq On : 20-Jul-05, 18:54:15 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 21:16 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\047F0601.D\FID1A.CH Vial: 47
Acq On : 20-Jul-2005, 19:26:34 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\047F0601.D\FID2B.CH Vial: 47
Acq On : 20-Jul-05, 19:26:34 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 21:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6682	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1633365	104.589 ug/L
Spiked Amount 100.000		Recovery =	104.59%
11) S 4-Bromofluorobenzene	9.44	20992	89.637 ug/L
Spiked Amount 100.000		Recovery =	89.64%
Target Compounds			
1) H T M Gasoline	8.00	19091861	667.076 ug/L
5) T Methyl-tert-butyl ether	1.34	2192	40.476 ug/L
6) T M Benzene	2.48	12156	47.668 ug/L
7) T M Toluene	5.17	17177	51.049 ug/L
8) T M Ethylbenzene	7.91	14797	44.472 ug/L
9) T M m,p-Xylene	8.17	39419	91.161 ug/L
10) T M o-Xylene	8.79	16883	47.574 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	26118	46.514 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20183	48.181 ug/L
14) T Naphthalene	16.07	9266	43.263 ug/L

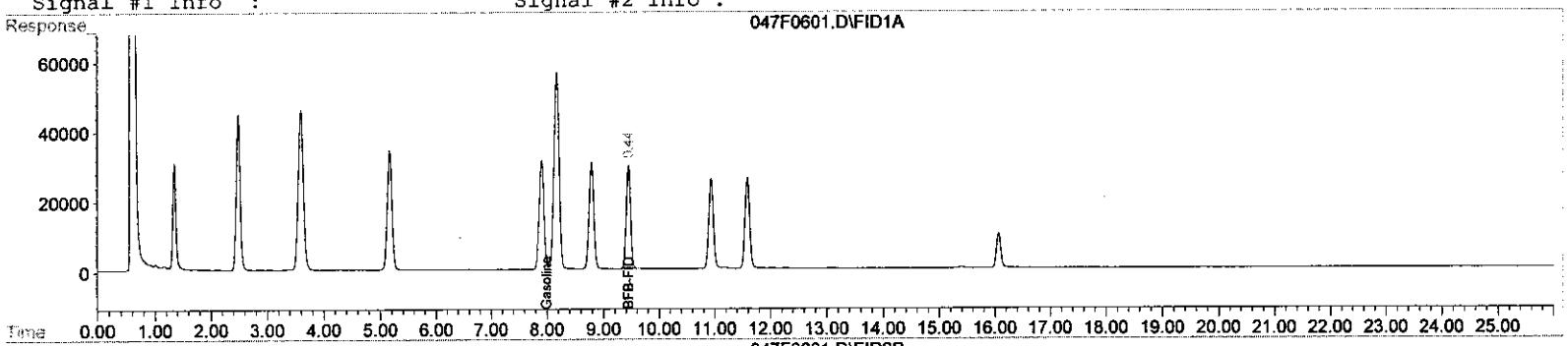
Quantitation Report

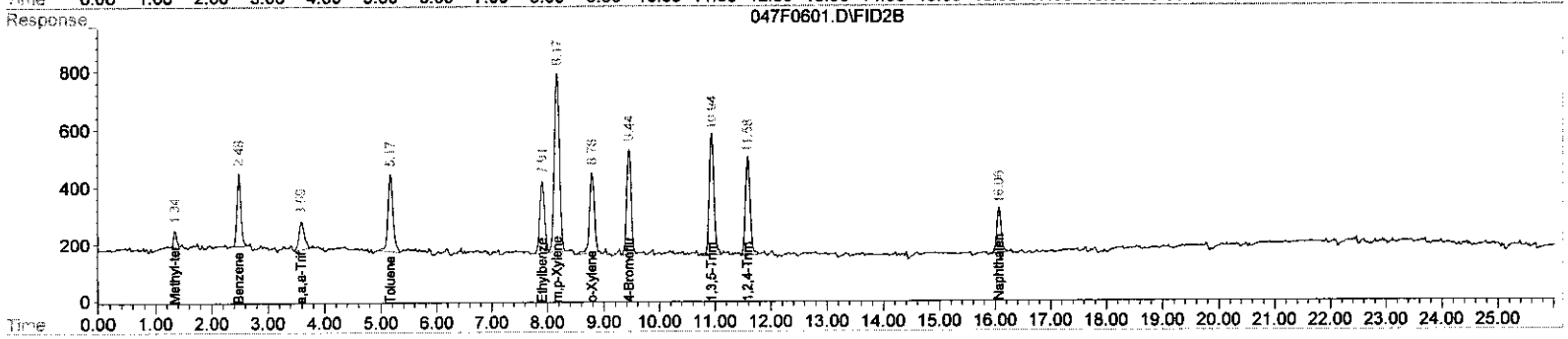
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\047F0601.D\FID1A.CH Vial: 47
Acq On : 20-Jul-2005, 19:26:34 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\047F0601.D\FID2B.CH Vial: 47
Acq On : 20-Jul-05, 19:26:34 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 20 21:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\005F1101.D\FID1A.CH Vial: 5
Acq On : 20-Jul-2005, 22:09:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\005F1101.D\FID2B.CH Vial: 5
Acq On : 20-Jul-05, 22:09:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6081	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1650526	105.690 ug/L
Spiked Amount 100.000		Recovery =	105.69%
11) S 4-Bromofluorobenzene	9.44	19783	92.830 ug/L
iked Amount 100.000		Recovery =	92.83%
Target Compounds			
1) H T M Gasoline	8.00	3038180	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

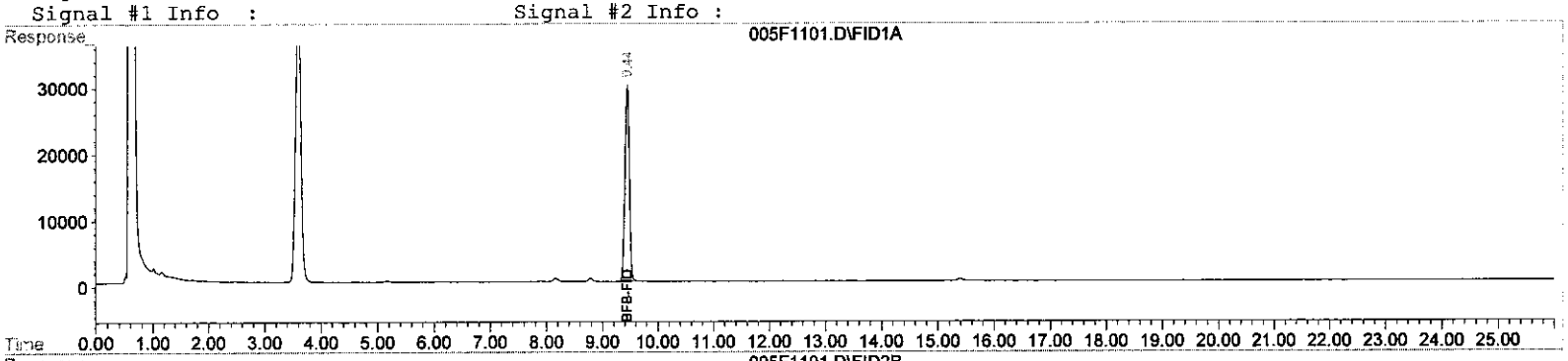
Quantitation Report

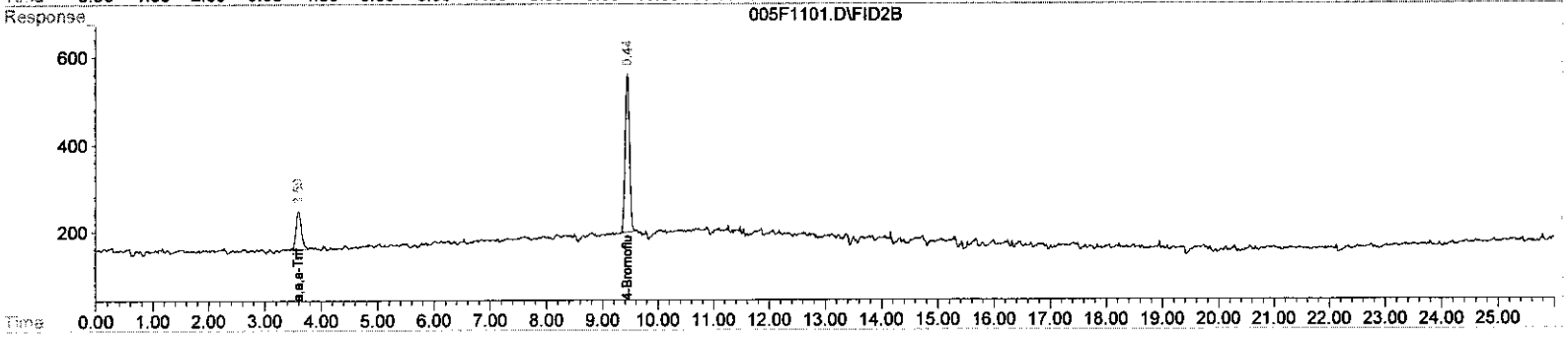
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\005F1101.D\FID1A.CH Vial: 5
Acq On : 20-Jul-2005, 22:09:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\005F1101.D\FID2B.CH Vial: 5
Acq On : 20-Jul-05, 22:09:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\006F1201.D\FID1A.CH Vial: 6
Acq On : 20-Jul-2005, 22:41:09 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\006F1201.D\FID2B.CH Vial: 6
Acq On : 20-Jul-05, 22:41:09 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:41 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6281	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1690219	108.238 ug/L
Spiked Amount 100.000		Recovery =	108.24%
11) S 4-Bromofluorobenzene	9.44	20997	95.394 ug/L
iked Amount 100.000		Recovery =	95.39%
Target Compounds			
1) H T M Gasoline	8.00	37841351	1456.084 ug/L
5) T Methyl-tert-butyl ether	1.36	1594	31.194 ug/L
6) T M Benzene	2.47	6166	26.404 ug/L
7) T M Toluene	5.17	37462	119.772 ug/L
8) T M Ethylbenzene	7.91	8701	26.895 ug/L
9) T M m,p-Xylene	8.16	39031	96.172 ug/L
10) T M o-Xylene	8.79	12651	37.735 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8855	16.777 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	22674	57.809 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

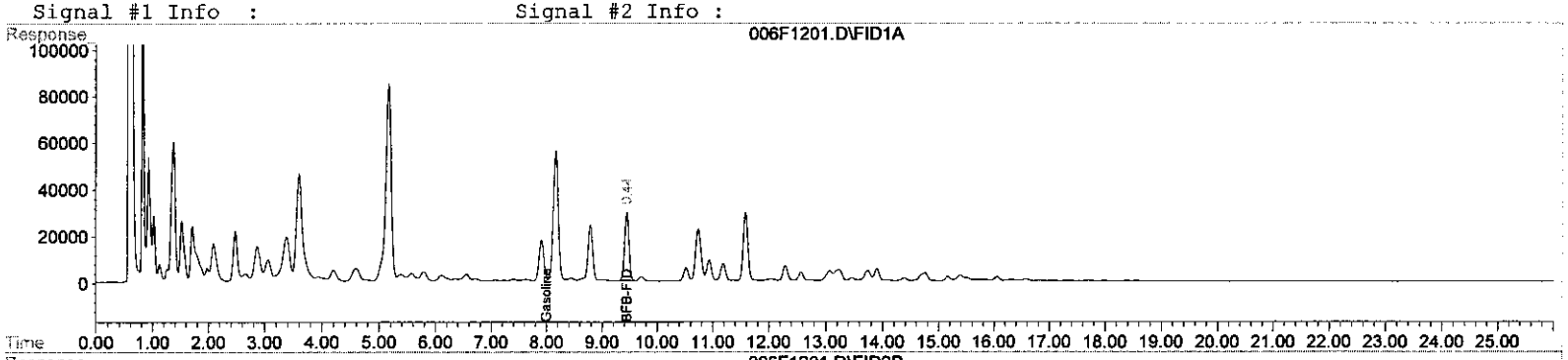
Quantitation Report

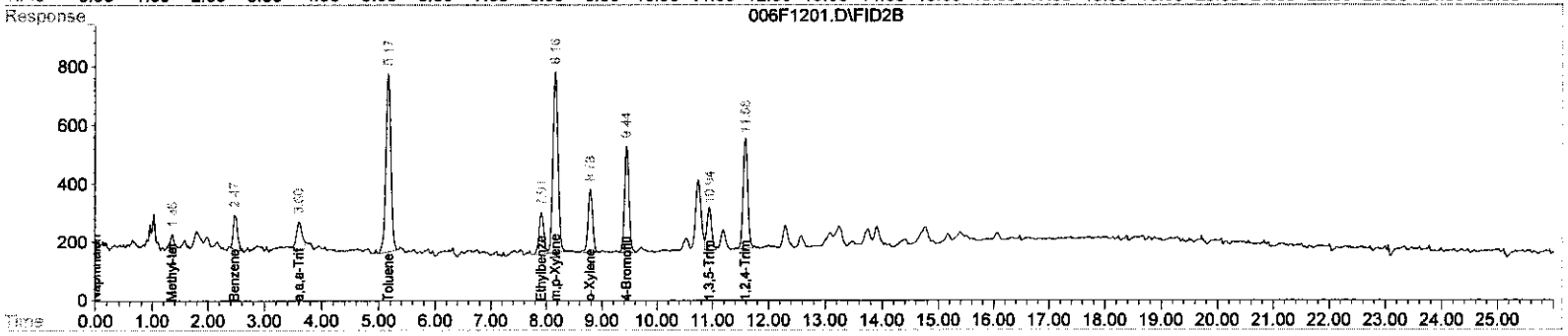
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\006F1201.D\FID1A.CH Vial: 6
Acq On : 20-Jul-2005, 22:41:09 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\006F1201.D\FID2B.CH Vial: 6
Acq On : 20-Jul-05, 22:41:09 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:41 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\007F1301.D\FID1A.CH Vial: 7
Acq On : 20-Jul-2005, 23:13:09 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\007F1301.D\FID2B.CH Vial: 7
Acq On : 20-Jul-05, 23:13:09 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:41 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6207	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1721844	110.269 ug/L
Spiked Amount 100.000		Recovery =	110.27%
11) S 4-Bromofluorobenzene	9.45	21594	99.270 ug/L
Spiked Amount 100.000		Recovery =	99.27%
Target Compounds			
1) H T M Gasoline	8.00	40630496	1573.456 ug/L
5) T Methyl-tert-butyl ether	1.36	1941	38.556 ug/L
6) T M Benzene	2.48	5926	25.719 ug/L
7) T M Toluene	5.17	39414	127.575 ug/L
8) T M Ethylbenzene	7.91	7993	24.824 ug/L
9) T M m,p-Xylene	8.16	41110	102.670 ug/L
10) T M o-Xylene	8.79	14452	43.768 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9510	18.233 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	24775	64.039 ug/L
14) T Naphthalene	16.07	1399	10.296 ug/L

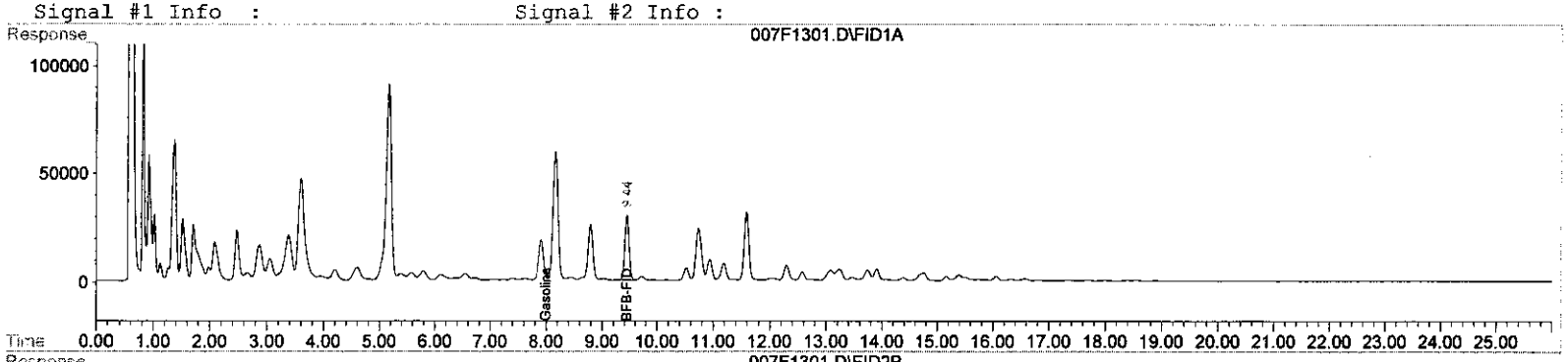
Quantitation Report

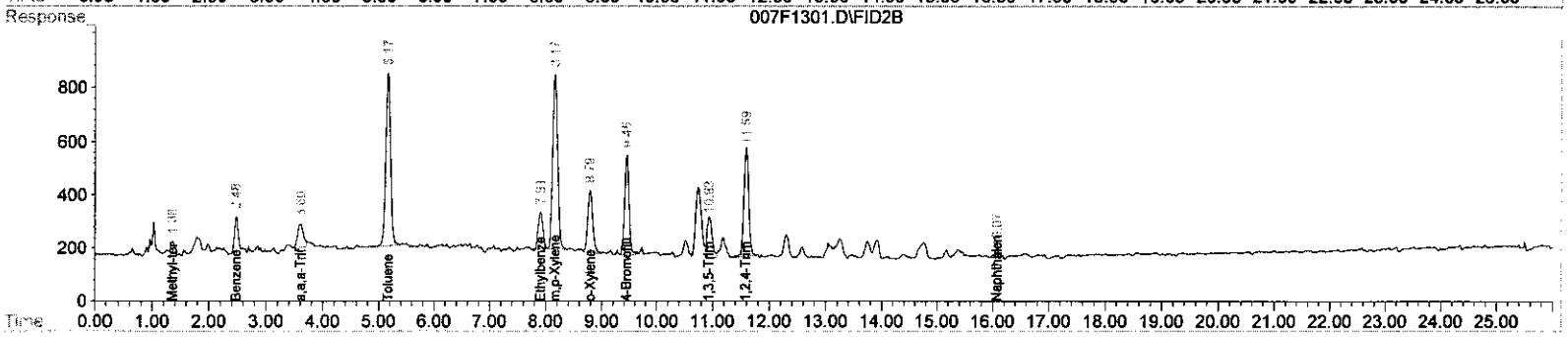
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\007F1301.D\FID1A.CH Vial: 7
Acq On : 20-Jul-2005, 23:13:09 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\007F1301.D\FID2B.CH Vial: 7
Acq On : 20-Jul-05, 23:13:09 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:41 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\009F1501.D\FID1A.CH Vial: 9
Acq On : 21-Jul-2005, 00:17:54 Operator: RG
Sample : 1657-0539,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\009F1501.D\FID2B.CH Vial: 9
Acq On : 21-Jul-05, 00:17:54 Operator: RG
Sample : 1657-0539,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:43 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: 20 x
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5693	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1631778	104.487 ug/L
Spiked Amount 100.000		Recovery =	104.49%
11) S 4-Bromofluorobenzene	9.45	20844	104.469 ug/L
Spiked Amount 100.000		Recovery =	104.47%
Target Compounds			
1) H T M Gasoline	8.00	3578042	14.231 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

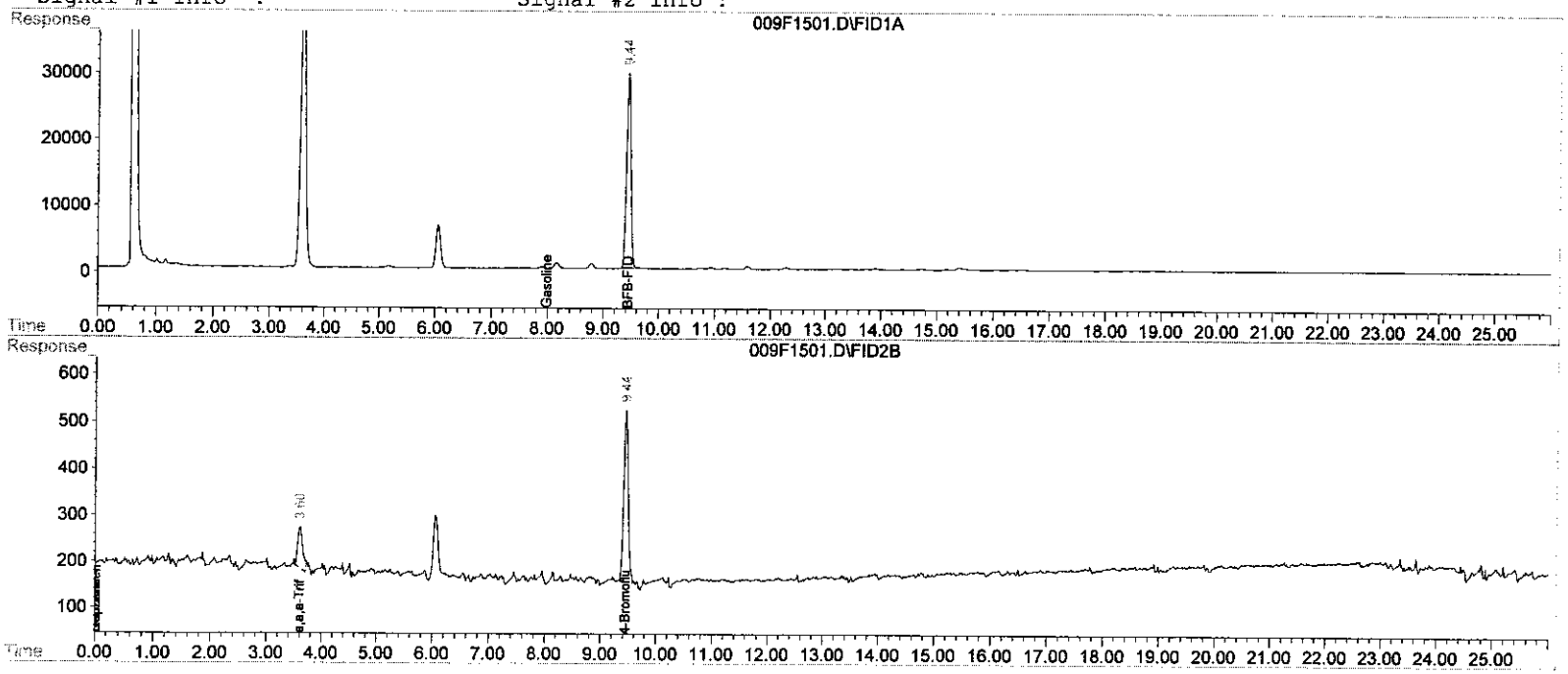
Quantitation Report

Data .le : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\00. 501.D\FID1A.CH Vial: 9
Acq On : 21-Jul-2005, 00:17:54 Operator: RG
Sample : 1657-0539,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\009F1501.D\FID2B.CH Vial: 9
Acq On : 21-Jul-05, 00:17:54 Operator: RG
Sample : 1657-0539,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:43 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\011F1701.D\FID1A.CH Vial: 11
Acq On : 21-Jul-2005, 01:22:56 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\011F1701.D\FID2B.CH Vial: 11
Acq On : 21-Jul-05, 01:22:56 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:34 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6841	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1667439	106.776 ug/L
Spiked Amount 100.000		Recovery =	106.78%
11) S 4-Bromofluorobenzene	9.44	19896	82.991 ug/L
iked Amount 100.000		Recovery =	82.99%
Target Compounds			
1) H T M Gasoline	8.00	24304715	886.441 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	4237	17.201 ug/L
7) T M Toluene	5.17	23108	67.398 ug/L
8) T M Ethylbenzene	7.91	4898	12.703 ug/L
9) T M m,p-Xylene	8.16	23324	51.607 ug/L
10) T M o-Xylene	8.79	7680	20.613 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6455	11.230 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13187	30.341 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

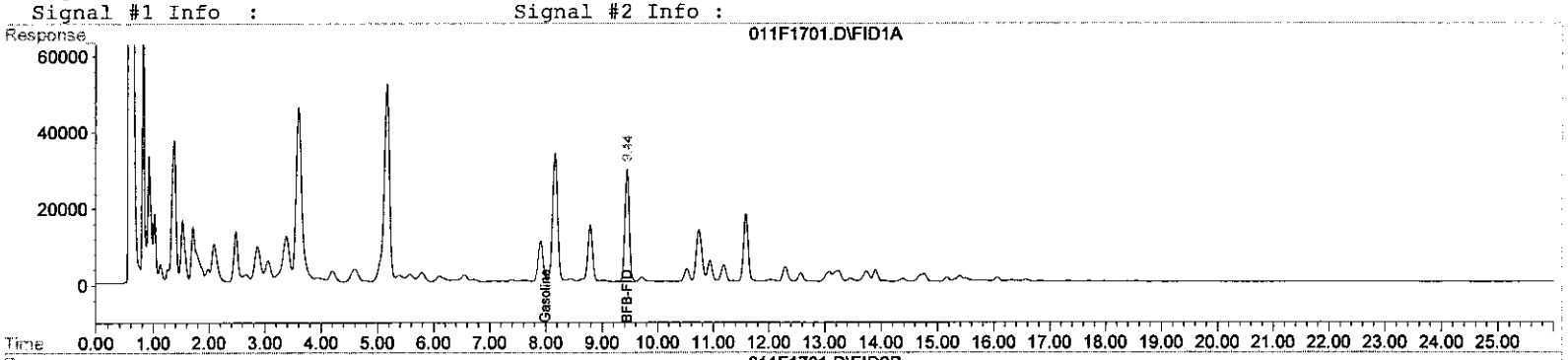
Quantitation Report

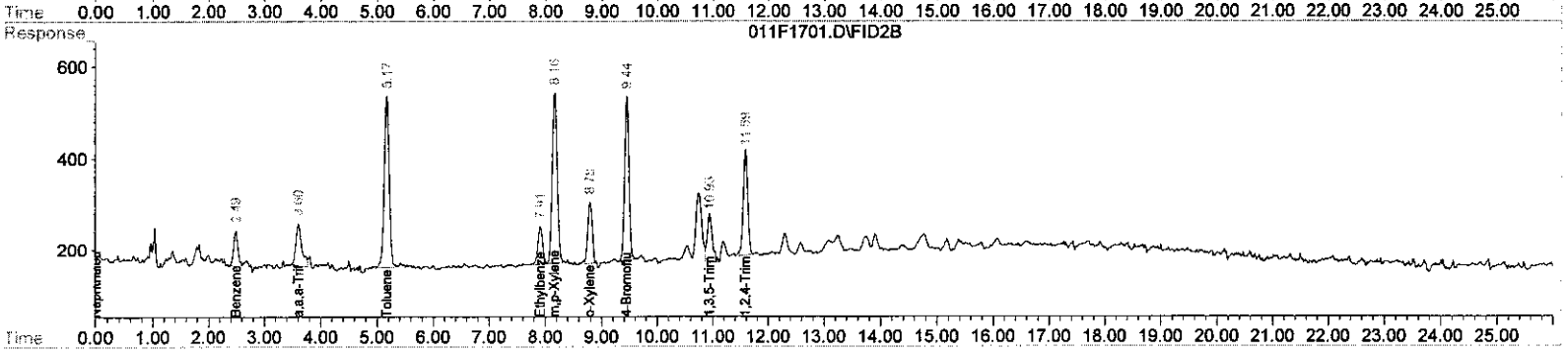
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\011F1701.D\FID1A.CH Vial: 11
Acq On : 21-Jul-2005, 01:22:56 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\011F1701.D\FID2B.CH Vial: 11
Acq On : 21-Jul-05, 01:22:56 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:34 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\012F1801.D\FID1A.CH Vial: 12
Acq On : 21-Jul-2005, 01:55:11 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\012F1801.D\FID2B.CH Vial: 12
Acq On : 21-Jul-05, 01:55:11 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	6069	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1635056	104.697 ug/L
Spiked Amount 100.000		Recovery =	104.70%
11) S 4-Bromofluorobenzene	9.45	21220	99.760 ug/L
Spiked Amount 100.000		Recovery =	99.76%
Target Compounds			
1) H T M Gasoline	8.00	19176606	670.643 ug/L
5) T Methyl-tert-butyl ether	1.34	2141	43.563 ug/L
6) T M Benzene	2.48	11249	48.537 ug/L
7) T M Toluene	5.17	16519	54.109 ug/L
8) T M Ethylbenzene	7.91	14059	46.634 ug/L
9) T M m,p-Xylene	8.17	39179	99.995 ug/L
10) T M o-Xylene	8.79	17463	54.304 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	24178	47.405 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	20279	53.418 ug/L
14) T Naphthalene	16.07	9769	49.590 ug/L

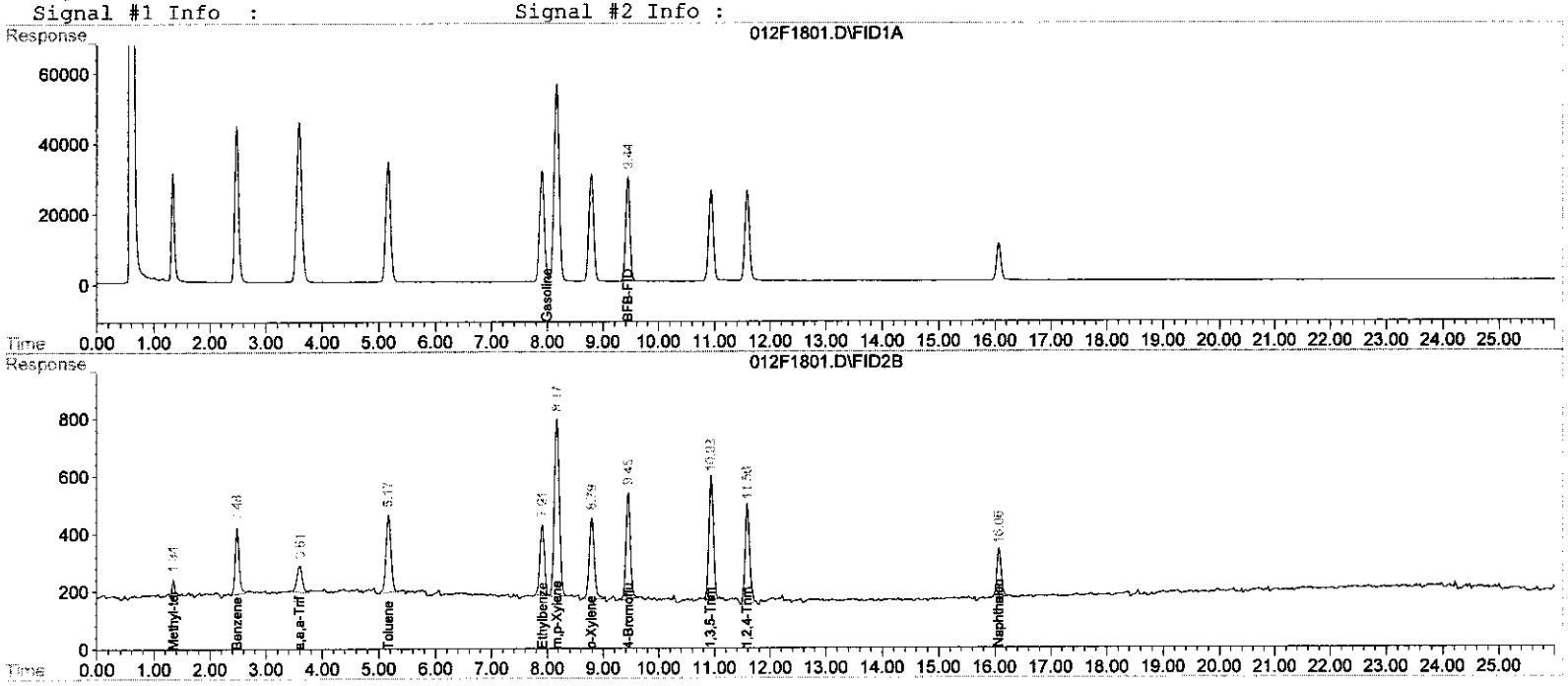
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\012F1801.D\FID1A.CH Vial: 12
Acq On : 21-Jul-2005, 01:55:11 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\012F1801.D\FID2B.CH Vial: 12
Acq On : 21-Jul-05, 01:55:11 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\013F1901.D\FID1A.CH Vial: 13
Acq On : 21-Jul-2005, 02:27:27 Operator: RG
Sample : 1657-0541,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\013F1901.D\FID2B.CH Vial: 13
Acq On : 21-Jul-05, 02:27:27 Operator: RG
Sample : 1657-0541,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:29 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: JOX
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5942	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1639117	104.958 ug/L
Spiked Amount 100.000		Recovery =	104.96%
11) S 4-Bromofluorobenzene	9.45	20980	100.750 ug/L
Spiked Amount 100.000		Recovery =	100.75%
Target Compounds			
1) H T M Gasoline	8.00	6586394	140.827 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

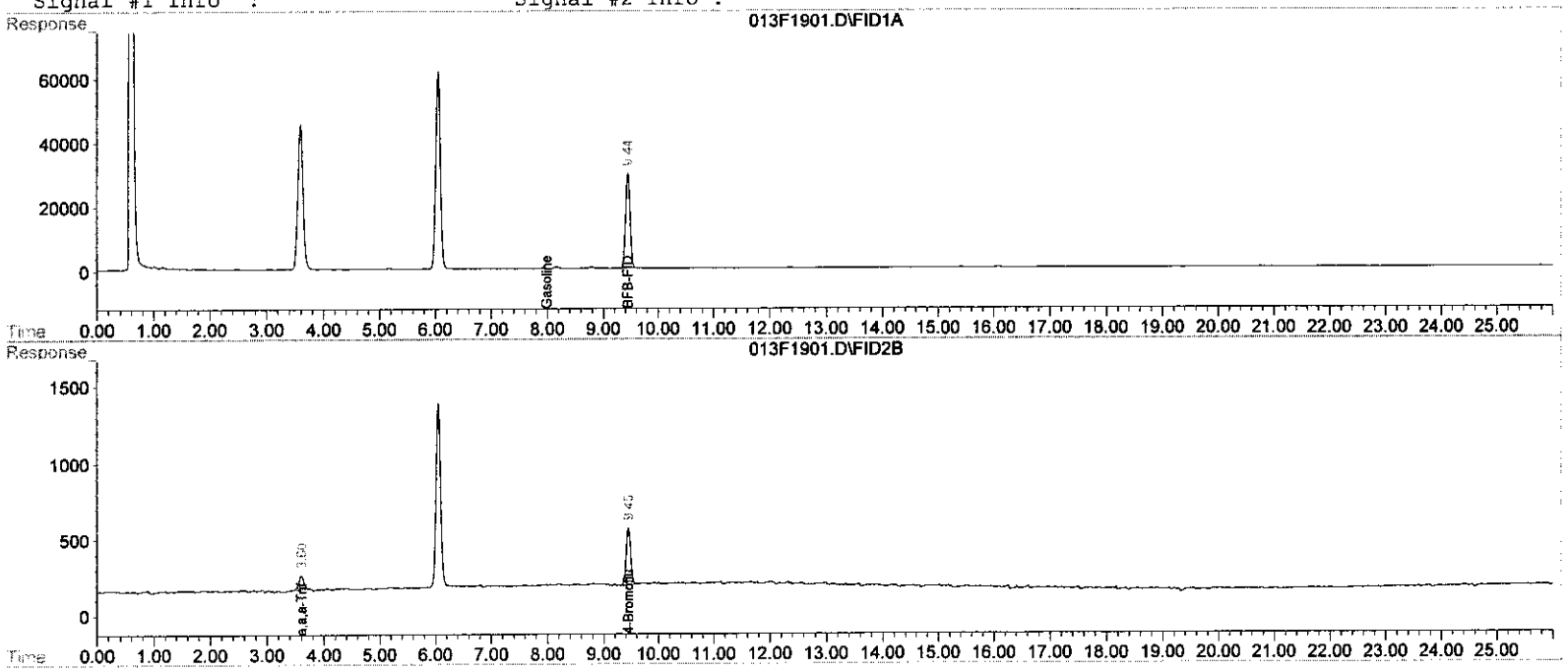
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\013F1901.D\FID1A.CH Vial: 13
Acq On : 21-Jul-2005, 02:27:27 Operator: RG
Sample : 1657-0541,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\013F1901.D\FID2B.CH Vial: 13
Acq On : 21-Jul-05, 02:27:27 Operator: RG
Sample : 1657-0541,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:29 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\023F2901.D\FID1A.CH Vial: 23
Acq On : 21-Jul-2005, 07:50:22 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\023F2901.D\FID2B.CH Vial: 23
Acq On : 21-Jul-05, 07:50:22 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:36 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6192	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1716354	109.916 ug/L
Spiked Amount 100.000		Recovery =	109.92%
11) S 4-Bromofluorobenzene	9.45	20364	93.848 ug/L
Spiked Amount 100.000		Recovery =	93.85%
Target Compounds			
1) H T M Gasoline	8.00	24808293	907.633 ug/L
5) T Methyl-tert-butyl ether	1.35	965	18.978 ug/L
6) T M Benzene	2.49	4405	19.542 ug/L
7) T M Toluene	5.17	23427	75.612 ug/L
8) T M Ethylbenzene	7.91	5256	15.520 ug/L
9) T M m,p-Xylene	8.17	24707	60.835 ug/L
10) T M o-Xylene	8.79	8283	24.744 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6122	11.766 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	15483	39.695 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

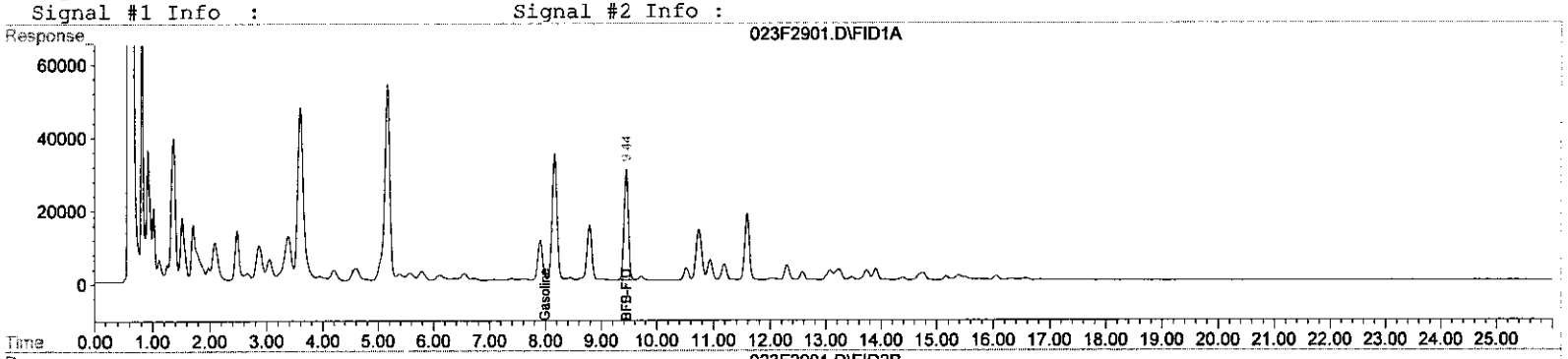
Quantitation Report

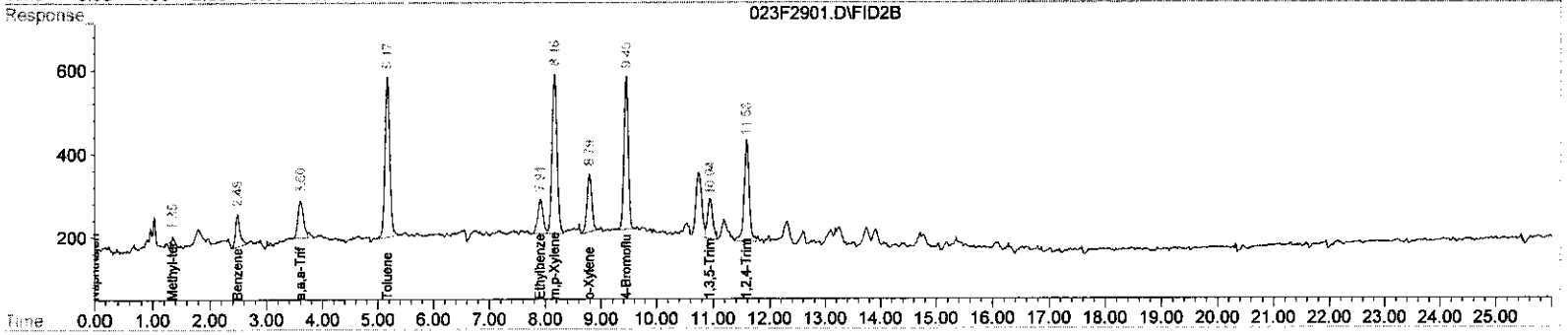
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\023F2901.D\FID1A.CH Vial: 23
Acq On : 21-Jul-2005, 07:50:22 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\023F2901.D\FID2B.CH Vial: 23
Acq On : 21-Jul-05, 07:50:22 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:36 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\024F3001.D\FID1A.CH Vial: 24
Acq On : 21-Jul-2005, 08:23:02 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\024F3001.D\FID2B.CH Vial: 24
Acq On : 21-Jul-05, 08:23:02 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:29 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5364	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1620666	103.773 ug/L
Spiked Amount 100.000		Recovery =	103.77%
11) S 4-Bromofluorobenzene	9.45	21186	112.692 ug/L
Spiked Amount 100.000		Recovery =	112.69%
Target Compounds			
1) H T M Gasoline	8.00	18394246	637.720 ug/L
5) T Methyl-tert-butyl ether	1.35	1865	42.912 ug/L
6) T M Benzene	2.49	11490	55.864 ug/L
7) T M Toluene	5.17	15177	56.286 ug/L
8) T M Ethylbenzene	7.91	14008	52.886 ug/L
9) T M m,p-Xylene	8.17	38182	110.522 ug/L
10) T M o-Xylene	8.79	15339	53.964 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24408	54.145 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19704	58.838 ug/L
14) T Naphthalene	16.07	8837	50.664 ug/L

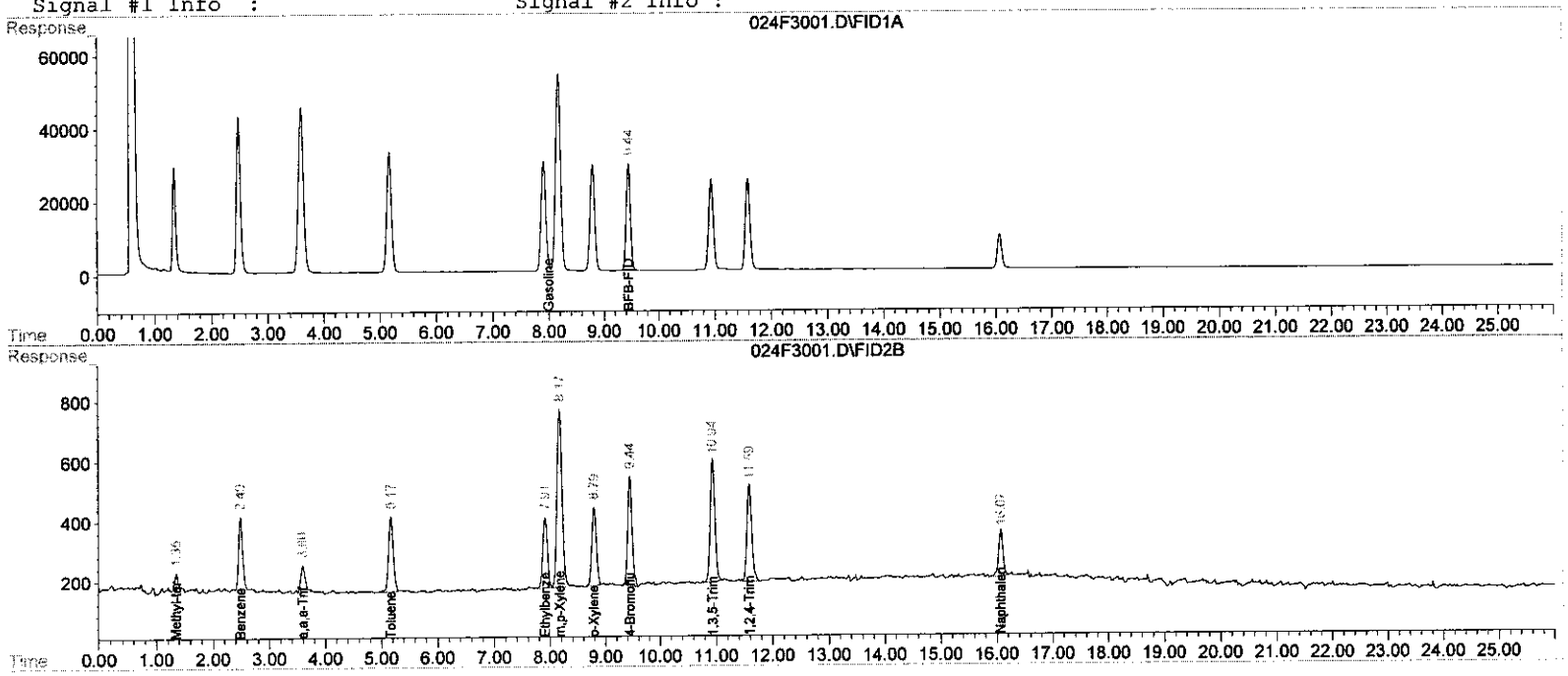
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\024F3001.D\FID1A.CH Vial: 24
Acq On : 21-Jul-2005, 08:23:02 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050720A\024F3001.D\FID2B.CH Vial: 24
Acq On : 21-Jul-05, 08:23:02 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 21 14:29 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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July 27, 2005

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Dear Mr. Martinez:

Enclosed are analytical results for samples submitted to Pace Analytical by AGES. The samples were received on July 15, 2005. Please reference Pace project number 05-1702 when inquiring about this report.

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Pace Sample Identification	Client Sample Identification
0507-0747	JLEI-MW-6
0507-0748	JLEI-MW-B
0507-0749	JLEI-MW-7
0507-0750	JLEI-MW-8
0507-0751	JLEI-MW-9
0507-0752	JLEI-MW-10

Pace Sample Identification	Client Sample Identification
0507-0753	JLEI-MW-11
0507-0754	JLEI-MW-12
0507-0755	EB
0507-0756	FB
0507-0757	TB

General Comments: None

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Milton Martinez Barreto
Project Manager

MMB: mmb

Enclosures

REPORT OF LABORATORY ANALYSIS

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Mr. Dario Martinez
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P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1702**
Lab Sample ID: **0507-0747**
Client Sample ID: **JLEI-MW-6**
Sample Matrix: Aqueous

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	160	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	16	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	33	5.0	mg/L	RGG	07/25/2005	0002151-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050
Ethylbenzene	8021B(1)	0.58	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/23/2005	0002150-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO result due to large unknown peak in GRO range.

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Sandra Y. Laboy Olivieri
Lic.# 4122
07/21/05
QUIMICO LICENCIADO

REPORT OF LABORATORY ANALYSIS

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1702**
Lab Sample ID: **0507-0748**
Client Sample ID: **JLEI-MW-B**
Sample Matrix: Aqueous

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	93	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	9.6	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	51	2.0	mg/L	RGG	07/23/2005	0002151-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050
Ethylbenzene	8021B(1)	0.44	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/23/2005	0002150-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/23/2005	0002150-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO result due to large unknown peak in GRO range.

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: **05-1702**
Lab Sample ID: **0507-0749**
Client Sample ID: **JLEI-MW-7**
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	0.81	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<2.0	2.0	mg/L	RGG	07/25/2005	0002161-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Ethylbenzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/25/2005	0002160-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO/BTEX sample was diluted due to foam-over during sparge.

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07/21/05
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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: **05-1702**
Lab Sample ID: **0507-0750**
Client Sample ID: **JLEI-MW-8**
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<2.0	2.0	mg/L	RGG	07/25/2005	0002161-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Ethylbenzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/25/2005	0002160-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO/BTEX sample was diluted due to foam-over during sparge.

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Dorado, PR 00646-1054

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: 05-1702
Lab Sample ID: 0507-0751
Client Sample ID: JLEI-MW-9
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	0.51	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<2.0	2.0	mg/L	RGG	07/25/2005	0002161-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Ethylbenzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/25/2005	0002160-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO/BTEX sample was diluted due to foam-over during sparge.

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Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: **05-1702**
Lab Sample ID: **0507-0752**
Client Sample ID: **JLEI-MW-10**
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	0.65	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<2.0	2.0	mg/L	RGG	07/25/2005	0002161-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Ethylbenzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/25/2005	0002160-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO/BTEX sample was diluted due to foam-over during sparge.

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Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: 05-1702
Lab Sample ID: 0507-0753
Client Sample ID: JLEI-MW-11
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<2.0	2.0	mg/L	RGG	07/25/2005	0002161-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Ethylbenzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/25/2005	0002160-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample preservation for GRO/BTEX does not meet EPA recommendations for pH. GRO/BTEX sample was diluted due to foam-over during sparge.

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Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: 05-1702
Lab Sample ID: 0507-0754
Client Sample ID: JLEI-MW-12
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<2.0	2.0	mg/L	RGG	07/25/2005	0002161-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Ethylbenzene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
Toluene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050
m,p-Xylene	8021B(1)	<0.20	0.20	mg/L	RGG	07/25/2005	0002160-1	<0.010
o-Xylene	8021B(1)	<0.10	0.10	mg/L	RGG	07/25/2005	0002160-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample for GRO/BTEX was received with headspace in the VOA vials. GRO/BTEX sample was diluted due to foam-over during sparge.

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Dorado, PR 00646-1054

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: 05-1702
Lab Sample ID: 0507-0755
Client Sample ID: EB
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/24/2005	0002153-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/24/2005	0002152-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Dorado, PR 00646-1054

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: 05-1702
Lab Sample ID: 0507-0756
Client Sample ID: FB
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	07/21/2005	0002050-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	07/21/2005	0002050-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/24/2005	0002153-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/24/2005	0002152-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Dario Martinez
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Dorado, PR 00646-1054

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: 05-1702
Lab Sample ID: 0507-0757
Client Sample ID: TB
Sample Matrix: Aqueous

Date Sampled: 07/14/2005
Date Received: 07/15/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	07/24/2005	0002153-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	07/24/2005	0002152-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	07/24/2005	0002152-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

Approved by: _____ Date: 07/28/05

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QUIMICO LICENCIADO

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Page: of 907744

Section A Required Client Information:

Company: AGES inc
Address: PO Box 1054
Dorado PR 00646-1054
Email To: AGES@Coqui.net
Phone: 270-3100 Fax: 270-3110
Requested Due Date/TAT:

Section B Required Project Information:

Report To: AGES
Copy To:
Purchase Order No.:
Project Name: Corco Jake's Lagoon
Project Number:

Section C Invoice Information:

Attention: AGES
Company Name: AGES
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER PR

Section D Required Client Information

SAMPLE ID — One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

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

Filtered (Y/N)

Requested Analysis: GRO, DRO, ORO, BTEX

Pace Project Number: 05-1702

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	GRO	DRO	ORO	BTEX	Residual Chlorine (Y/N)	Lab I.D
1	JLEI-MW-6	WT	G			7/14/05	11:20		4	X			X					X	X	X	X		0507-0747
2	JLEI-MW-13						11:23																0748
3	JLEI-MW-7						12:20																0749
4	JLEI-MW-8						1:05																0750
5	JLEI-MW-9						1:30																0751
6	JLEI-MW-10						1:55																0752
7	JLEI-MW-11						2:20																0753
8	JLEI-MW-12						2:53																0754
9	EB						11:00																0755
10	FB						2:55																0756
11	TB						3:00		3				X					X			X		0757
12																							

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	7/15/05	9:10AM	[signature]	7/15/05	9:10AM
[signature]	7/15/05	1255pm	[signature]	7/15	1255

SAMPLE CONDITION

Temp in °C	Received on ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
5°C	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

Additional Comments: Pls send GC Chromatograms QA/QC, calibration Curves
On each sample expand the chromatogram to see if there any other compounds, if so make me a note with the compound so I can take another sample & analyze for that compound only.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joaquin A. Vargas
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM / DD / YY): 7/14/05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-357	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	GC-S-1-361	is4	n/a	m4	n/a	ms4	n/a

KP 7/25/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	Instrument BL	<2	n/a	001F0101	Water	5mL	1	7/22/05 14:38	**Run# 4034**
2	n/a	GRO CCV	<2	n/a	001F0201	Water	5mL	1	7/22/05 15:10	
3	n/a	BTEX CCV	<2	n/a	002F0301	Water	5mL	1	7/22/05 15:43	
4	n/a	MB Aq	<2	n/a	003F0401	Water	5mL	1	7/22/05 16:15	
5	n/a	GRO CCV	<2	n/a	004F0501	Water	5mL	1	7/22/05 16:56	Begin gcc2
6	n/a	MB Aq	<2	2147/2149	005F0601	Water	5mL	1	7/22/05 18:45	
7	n/a	LCS Aq	<2	2147/2149	006F0701	Water	5mL	1	7/22/05 19:17	
8	n/a	LCSD Aq	<2	2147/2149	007F0801	Water	5mL	1	7/22/05 19:49	
9	05-1656	0527	<2	2149	008F0901	Water	5mL	1	7/22/05 20:22	
10	05-1656	0528	<2	2149	009F1001	Water	5mL	1	7/22/05 20:54	
11	05-1656	0529	<2	2149	010F1101	Water	5mL	1	7/22/05 21:26	
12	05-1656	0533	n/a	2100/2101	011F1201	Soil	10.01g	50	7/22/05 21:58	Low surrogate recoveries due to dilution.
13	05-1656	0534	n/a	n/a	012F1301	Soil	10.00g	1	7/22/05 22:30	DNR
14	n/a	GRO CCV	<2	n/a	013F1401	Water	5mL	1	7/22/05 23:03	
15	n/a	BTEX CCV	<2	n/a	014F1501	Water	5mL	1	7/22/05 23:35	
16	05-1740	0913	<2	2147/2149	015F1601	Water	5mL	1	7/23/05 0:07	**Run# 4036**
17	05-1740	0914	<2	2147/2149	016F1701	Water	5mL	1	7/23/05 0:39	RR 20X G
18	05-1740	0915	<2	2147/2149	017F1801	Water	5mL	1	7/23/05 1:12	RR 10X G
19	05-1740	0916	<2	2147/2149	018F1901	Water	5mL	1	7/23/05 1:44	
20	05-1740	0917	<2	2147/2149	019F2001	Water	5mL	1	7/23/05 2:16	
21	05-1740	0918	<2	2147/2149	020F2101	Water	5mL	1	7/23/05 2:48	

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-357	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	GC-S-1-361	is4	n/a	m4	n/a	ms4	n/a

KD 7/25/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1740	0919	<2	2147/2149	021F2201	Water	5mL	1	7/23/05 3:20	
23	05-1740	0920	<2	2147/2149	022F2301	Water	5mL	1	7/23/05 3:52	
24	05-1740	0921	<2	2147/2149	023F2401	Water	5mL	1	7/23/05 4:24	
25	05-1740	0922	<2	n/a	024F2501	Water	5mL	1	7/23/05 4:56	Foam-over RR 10X-- DNR
26	n/a	GRO CCV	<2	n/a	025F2601	Water	5mL	1	7/23/05 5:29	
27	n/a	BTEX CCV	<2	n/a	026F2701	Water	5mL	1	7/23/05 6:01	
28	05-1740	0923	<2	2147/2149	027F2801	Water	5mL	1	7/23/05 6:33	
29	05-1740	0924	<2	n/a	028F2901	Water	5mL	1	7/23/05 7:05	Foam-over RR 20X-- DNR
30	05-1740	0925	<2	n/a	029F3001	Water	5mL	1	7/23/05 7:37	Foam-over RR 10X-- DNR
31	05-1740	0926	<2	n/a	030F3101	Water	5mL	1	7/23/05 8:09	Foam-over RR 10X-- DNR
32	05-1740	0927	<2	n/a	031F3201	Water	5mL	1	7/23/05 8:41	Foam-over RR 10X-- DNR
33	05-1691	0705	<2	2147/2149	032F3301	Water	5mL	1	7/23/05 9:13	
34	05-1691	0706	<2	2147/2149	033F3401	Water	5mL	1	7/23/05 9:46	
35	n/a	MB Aq	<2	2150/2151	034F3501	Water	5mL	1	7/23/05 10:18	
36	n/a	LCS Aq	<2	2150/2151	035F3601	Water	5mL	1	7/23/05 10:50	
37	n/a	LCSD Aq	<2	2150/2151	036F3701	Water	5mL	1	7/23/05 11:22	
38	n/a	GRO CCV	<2	n/a	037F3801	Water	5mL	1	7/23/05 11:54	
39	n/a	BTEX CCV	<2	n/a	038F3901	Water	5mL	1	7/23/05 12:27	
40	05-1691	0707	<2	2150/2151	039F4001	Water	5mL	1	7/23/05 12:59	
41	05-1679	0669	<2	2150/2151	040F4101	Water	5mL	1	7/23/05 13:31	
42	05-1679	0670	<2	2150/2151	041F4201	Water	5mL	1	7/23/05 14:04	

PACE ANALYTICAL DEL CARIBE

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Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5 Page 1 of 50

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-357	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	GC-S-1-361	is4	n/a	m4	n/a	ms4	n/a

KD 7/25/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
43	05-1679	0671	<2	2150/2151	042F4301	Water	5mL	1	7/23/05 14:36	
44	05-1679	0672	<2	2150/2151	043F4401	Water	5mL	1	7/23/05 15:08	
45	05-1679	0673	<2	2150/2151	044F4501	Water	5mL	1	7/23/05 15:41	
46	05-1678	0663	<2	2150/2151	045F4601	Water	0.25mL	20	7/23/05 16:13	RR 100X G,B,E,mp
47	05-1678	0664	<2	2150/2151	046F4701	Water	0.25mL	20	7/23/05 16:45	RR 100X G,B
48	05-1678	0665	<2	2150/2151	047F4801	Water	0.25mL	20	7/23/05 17:18	RR 50X T,mp
49	05-1678	0666	<2	2150/2151	048F4901	Water	5mL	1	7/23/05 17:49	
50	n/a	GRO CCV	<2	n/a	049F5001	Water	5mL	1	7/23/05 18:22	
51	n/a	BTEX CCV	<2	n/a	050F5101	Water	5mL	1	7/23/05 18:54	
52	05-1678	0667	<2	2150/2151	051F5201	Water	5mL	1	7/23/05 19:27	
53	05-1678	0668	<2	2150/2151	052F5301	Water	5mL	1	7/23/05 19:59	
54	05-1702	0747	**>2**	2150/2151	053F5401	Water	0.25mL	20	7/23/05 20:31	RR 50X G Sample not preserved, headspace.
55	05-1702	0748	**>2**	2150/2151	054F5501	Water	0.25mL	20	7/23/05 21:04	Unk. Pk. GRO, not preserved, headspace.
56	05-1702	0749	<2	n/a	055F5601	Water	5mL	1	7/23/05 21:36	Foam-over RR 20X-- DNR
57	05-1702	0750	<2	n/a	056F5701	Water	0.5mL	10	7/23/05 22:08	Foam-over RR 20X-- DNR
58	05-1702	0751	<2	n/a	057F5801	Water	5mL	1	7/23/05 22:40	Foam-over RR 20X-- DNR
59	05-1702	0752	<2	n/a	058F5901	Water	0.5mL	10	7/23/05 23:12	Foam-over RR 20X-- DNR
60	05-1702	0753	<2	n/a	059F6001	Water	5mL	1	7/23/05 23:44	Foam-over RR 20X-- DNR
61	05-1702	0754	<2	n/a	060F6101	Water	5mL	1	7/24/05 0:16	**Run# 4037** Foam-over RR 20X-- DNR
62	n/a	GRO CCV	<2	n/a	061F6201	Water	5mL	1	7/24/05 0:49	
63	n/a	BTEX CCV	<2	n/a	062F6301	Water	5mL	1	7/24/05 1:21	

PACE ANALYTICAL DEL CARIBE

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Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5 Page 1 of 50

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	GC-S-1-353	gcc1	GC-S-1-357	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	GC-S-1-361	is4	n/a	m4	n/a	ms4	n/a

AP 7/25/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
64	n/a	MB Aq	<2	2152/2153	063F6401	Water	5mL	1	7/24/05 1:53	
65	n/a	LCS Aq	<2	2152/2153	064F6501	Water	5mL	1	7/24/05 2:26	
66	n/a	LCSD Aq	<2	2152/2153	065F6601	Water	5mL	1	7/24/05 2:58	
67	05-1702	0755	<2	2152/2153	066F6701	Water	5mL	1	7/24/05 3:30	
68	05-1702	0756	<2	2152/2153	067F6801	Water	5mL	1	7/24/05 4:02	
69	05-1702	0757	<2	2152/2153	068F6901	Water	5mL	1	7/24/05 4:35	
70	n/a	GRO CCV	<2	n/a	069F7001	Water	5mL	1	7/24/05 5:07	
71	n/a	BTEX CCV	<2	n/a	070F7101	Water	5mL	1	7/24/05 5:39	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Un-Spiked Sample: 034F3501.D

	Spike Sample	Spike Duplicate Sample
File ID :	035F3601.D	036F3701.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	23-Jul-2005, 10:50:10	23-Jul-2005, 11:22:33

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1454	1534	88	93	5	20	70-130
Benzene	0.0	23	28	29	124	126	2	20	70-130
Toluene	0.0	123	131	159	106	129	19	20	70-130
Ethylbenzene	0.0	29	28	33	96	111	14	20	70-130
m,p-Xylene	0.0	103	108	117	105	114	9	20	70-130
o-Xylene	0.0	42	46	51	110	122	10	20	70-130

- Fails Limit Check

0617ARCH.M Mon Jul 25 10:12:30 2005 VOA

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 063F6401.D

	Spike Sample	Spike Duplicate Sample
File ID :	064F6501.D	065F6601.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	24-Jul-2005, 02:26:05	24-Jul-2005, 02:58:21

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1497	1503	91	92	0	20	70-130
Benzene	0.0	23	28	28	125	123	1	20	70-130
Toluene	0.0	123	128	117	104	95	9	20	70-130
Ethylbenzene	0.0	29	28	26	96	88	9	20	70-130
m,p-Xylene	0.0	103	103	97	101	94	7	20	70-130
o-Xylene	0.0	42	43	37	103	90	14	20	70-130

- Fails Limit Check

0617ARCH.M Mon Jul 25 10:17:48 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\025F2601.D\FID1A.CH Vial: 25
Acq On : 23-Jul-2005, 05:29:06 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\025F2601.D\FID2B.CH Vial: 25
Acq On : 23-Jul-05, 05:29:06 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5841	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1646460	105.429 ug/L
Spiked Amount 100.000		Recovery =	105.43%
11) S 4-Bromofluorobenzene	9.44	19709	96.278 ug/L
iked Amount 100.000		Recovery =	96.28%
Target Compounds			
1) H T M Gasoline	8.00	25808425	949.720 ug/L
5) T Methyl-tert-butyl ether	1.35	550	11.271 ug/L
6) T M Benzene	2.48	4009	18.902 ug/L
7) T M Toluene	5.17	21138	72.274 ug/L
8) T M Ethylbenzene	7.90	4948	15.481 ug/L
9) T M m,p-Xylene	8.16	23305	60.824 ug/L
10) T M o-Xylene	8.79	8209	26.041 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	5888	11.995 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13616	36.924 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

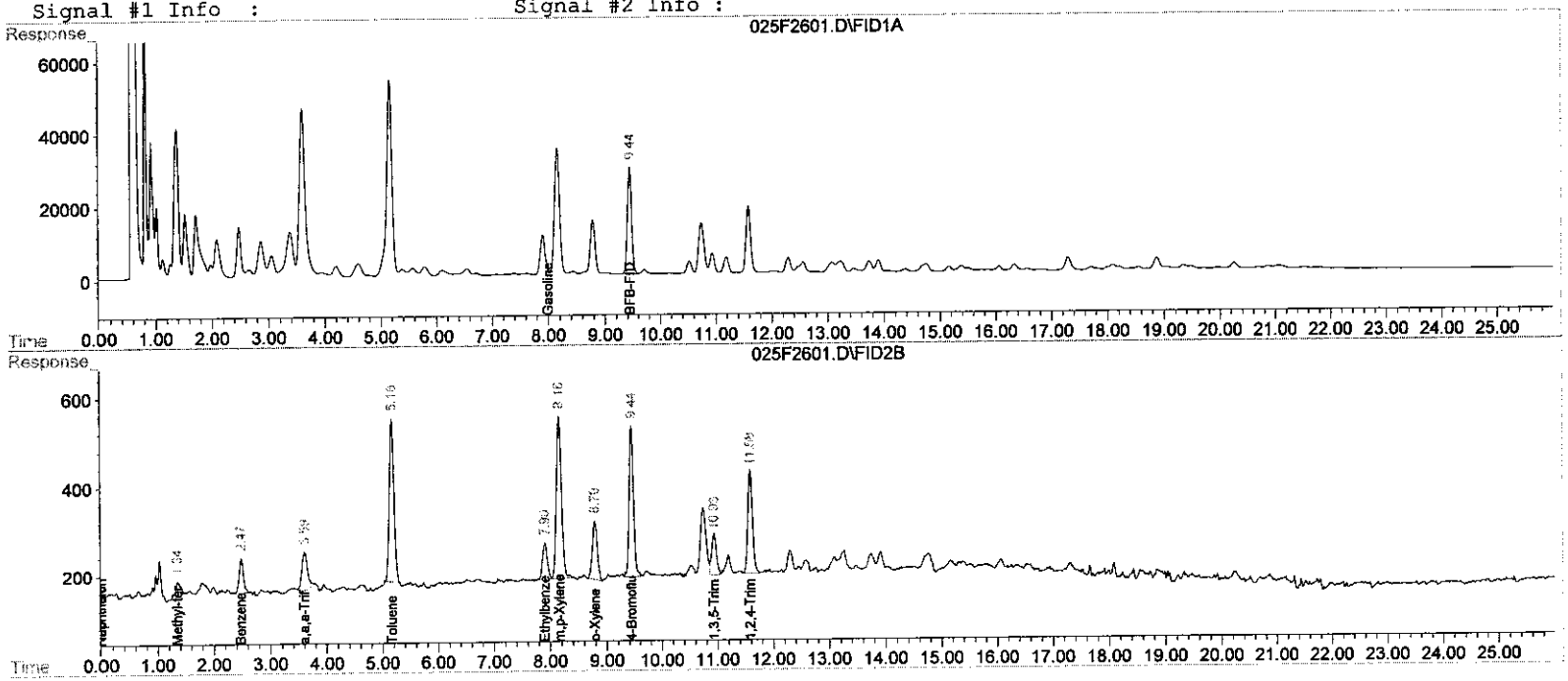
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\025F 1.D\FID1A.CH Vial: 25
Acq On : 23-Jul-2005, 05:29:06 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\025F2601.D\FID2B.CH Vial: 25
Acq On : 23-Jul-05, 05:29:06 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\026F2701.D\FID1A.CH Vial: 26
Acq On : 23-Jul-2005, 06:01:12 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\026F2701.D\FID2B.CH Vial: 26
Acq On : 23-Jul-05, 06:01:12 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:36 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5457	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1583280	101.373 ug/L
Spiked Amount 100.000		Recovery =	101.37%
11) S 4-Bromofluorobenzene	9.44	18400	96.202 ug/L
iked Amount 100.000		Recovery =	96.20%
Target Compounds			
1) H T M Gasoline	8.00	19309102	676.218 ug/L
5) T Methyl-tert-butyl ether	1.35	2735	62.101 ug/L
6) T M Benzene	2.49	11726	56.037 ug/L
7) T M Toluene	5.17	14970	54.543 ug/L
8) T M Ethylbenzene	7.91	15286	56.907 ug/L
9) T M m,p-Xylene	8.17	37990	108.037 ug/L
10) T M o-Xylene	8.79	15842	54.800 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	25190	54.929 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19214	56.350 ug/L
14) T Naphthalene	16.07	9166	51.576 ug/L

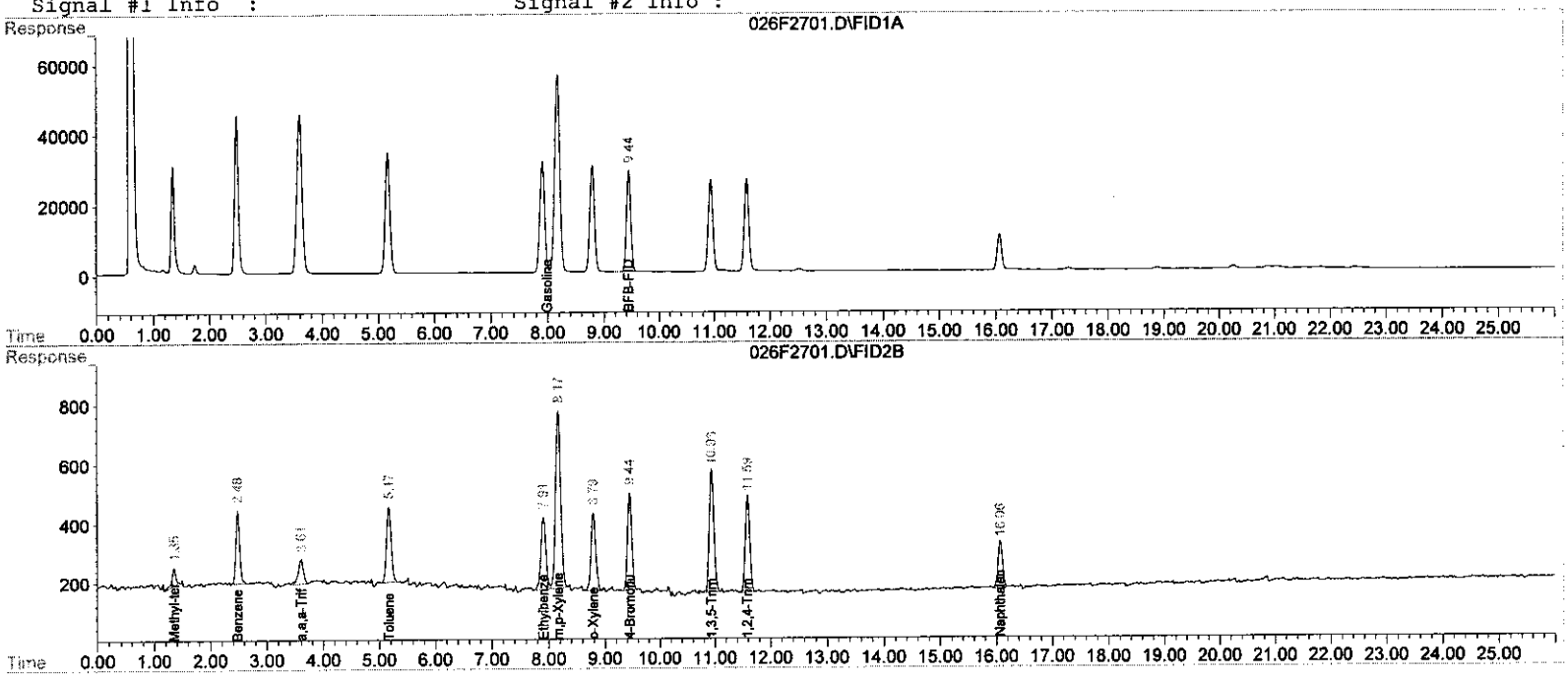
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\026F 1.D\FID1A.CH Vial: 26
Acq On : 23-Jul-2005, 06:01:12 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\026F2701.D\FID2B.CH Vial: 26
Acq On : 23-Jul-05, 06:01:12 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:36 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\034F3501.D\FID1A.CH Vial: 34
Acq On : 23-Jul-2005, 10:18:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\034F3501.D\FID2B.CH Vial: 34
Acq On : 23-Jul-05, 10:18:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:24 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.58	5747	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1603244	102.655 ug/L
Spiked Amount 100.000		Recovery =	102.66%
11) S 4-Bromofluorobenzene	9.45	19270	95.671 ug/L
Spiked Amount 100.000		Recovery =	95.67%
Target Compounds			
1) H T M Gasoline	8.00	3166977	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

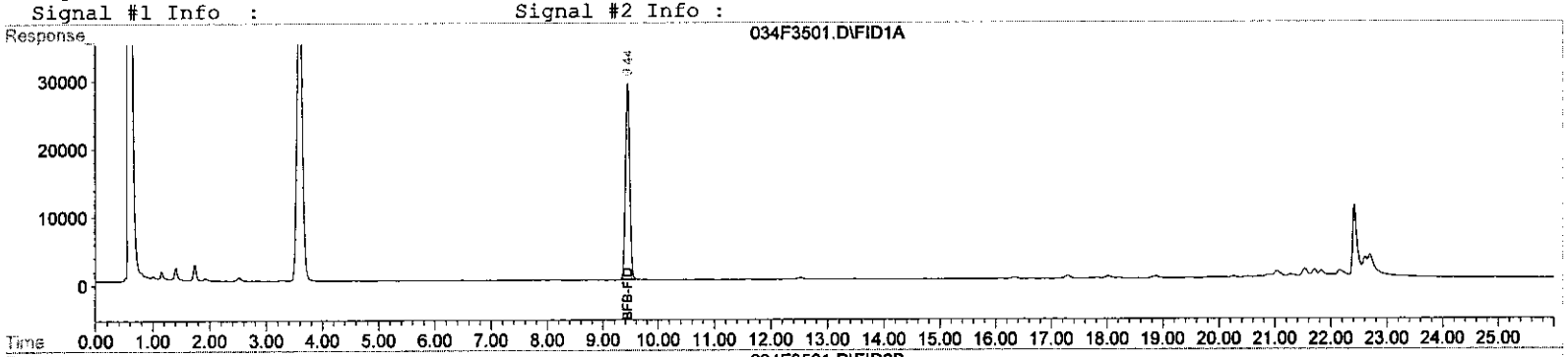
Quantitation Report

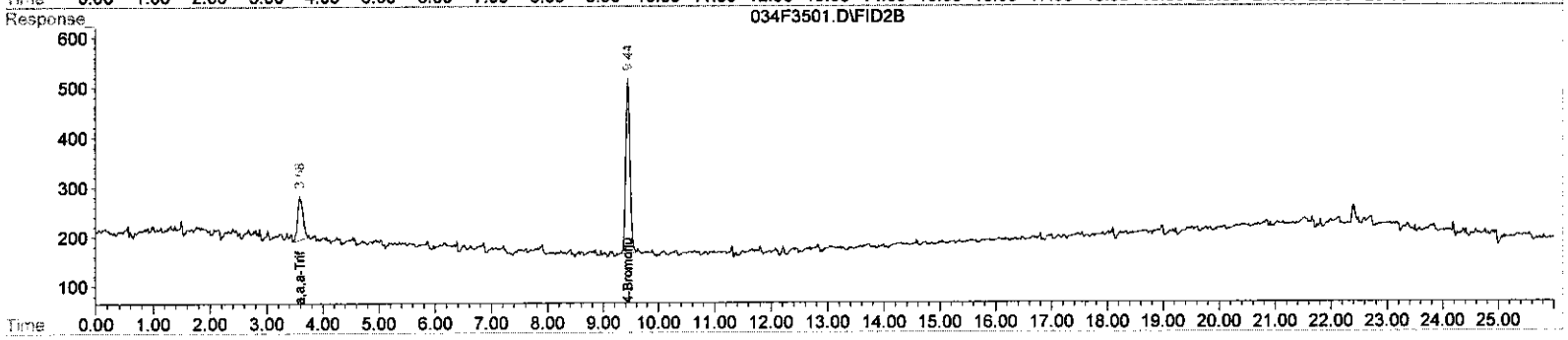
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\034F 01.D\FID1A.CH Vial: 34
Acq On : 23-Jul-2005, 10:18:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\034F3501.D\FID2B.CH Vial: 34
Acq On : 23-Jul-05, 10:18:32 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:24 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\035F3601.D\FID1A.CH Vial: 35
Acq On : 23-Jul-2005, 10:50:10 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\035F3601.D\FID2B.CH Vial: 35
Acq On : 23-Jul-05, 10:50:10 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5367	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1683210	107.788 ug/L
Spiked Amount 100.000		Recovery =	107.79%
11) S 4-Bromofluorobenzene	9.44	19154	101.827 ug/L
iked Amount 100.000		Recovery =	101.83%
Target Compounds			
1) H T M Gasoline	8.00	37795877	1454.170 ug/L
5) T Methyl-tert-butyl ether	1.35	1329	30.435 ug/L
6) T M Benzene	2.48	5652	28.215 ug/L
7) T M Toluene	5.17	35026	131.129 ug/L
8) T M Ethylbenzene	7.90	7801	28.337 ug/L
9) T M m,p-Xylene	8.16	37219	107.607 ug/L
10) T M o-Xylene	8.79	13048	45.736 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9433	20.915 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	23162	69.323 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

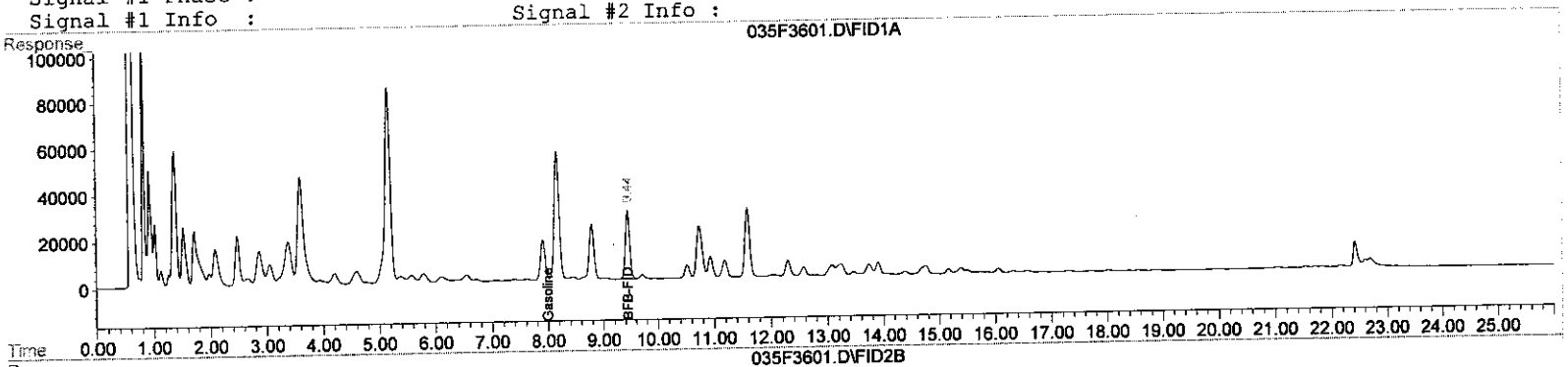
Quantitation Report

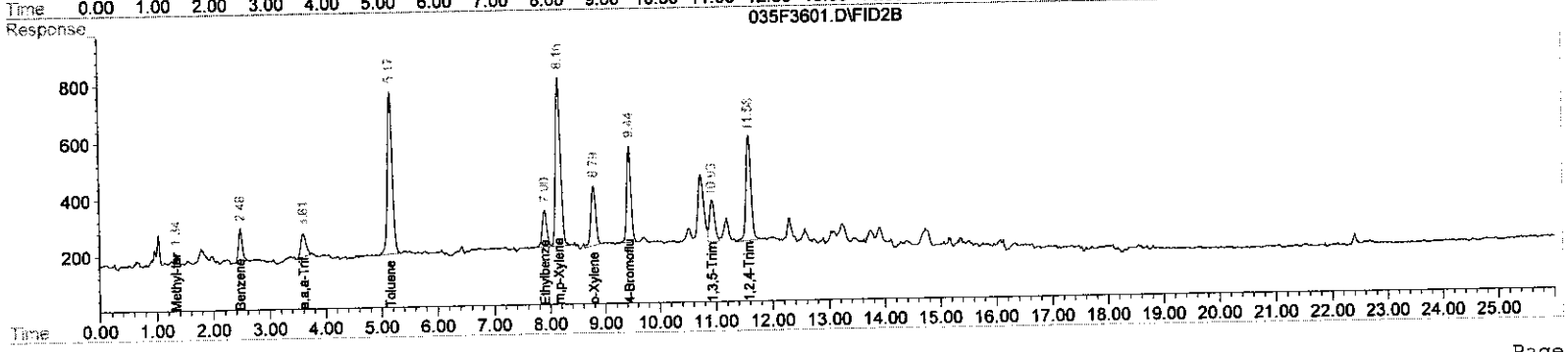
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\035F 1.D\FID1A.CH Vial: 35
Acq On : 23-Jul-2005, 10:50:10 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\035F3601.D\FID2B.CH Vial: 35
Acq On : 23-Jul-05, 10:50:10 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\036F3701.D\FID1A.CH Vial: 36
Acq On : 23-Jul-2005, 11:22:33 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\036F3701.D\FID2B.CH Vial: 36
Acq On : 23-Jul-05, 11:22:33 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.62	5258	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1668309	106.832 ug/L
Spiked Amount 100.000		Recovery =	106.83%
11) S 4-Bromofluorobenzene	9.44	19031	103.274 ug/L
iked Amount 100.000		Recovery =	103.27%
Target Compounds			
1) H T M Gasoline	8.00	39695623	1534.115 ug/L
5) T Methyl-tert-butyl ether	1.34	1951	45.852 ug/L
6) T M Benzene	2.48	5627	28.647 ug/L
7) T M Toluene	5.17	41510	158.848 ug/L
8) T M Ethylbenzene	7.91	8689	32.558 ug/L
9) T M m,p-Xylene	8.16	39623	117.164 ug/L
10) T M o-Xylene	8.79	14161	50.773 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9595	21.716 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	25121	76.872 ug/L
14) T Naphthalene	16.07	2007	14.731 ug/L

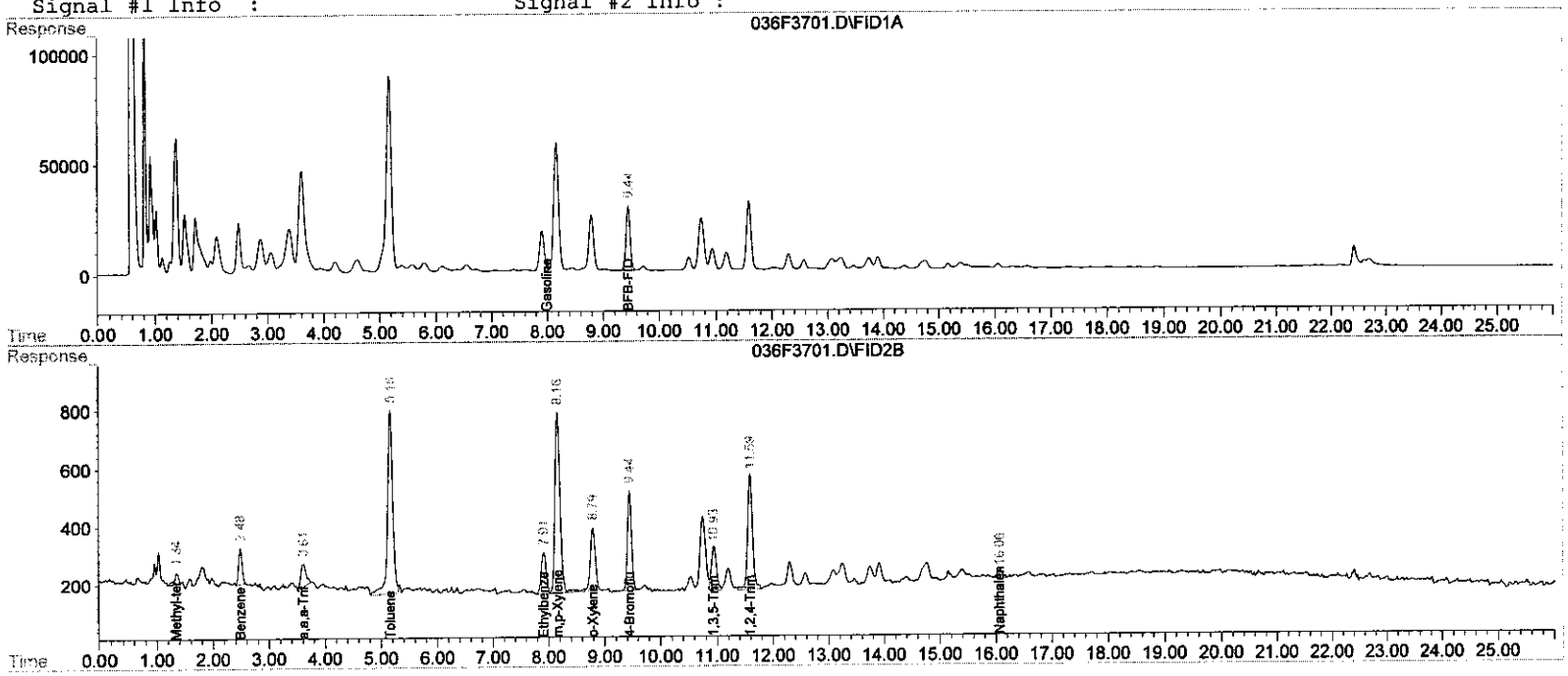
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\036F 1.D\FID1A.CH Vial: 36
Acq On : 23-Jul-2005, 11:22:33 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\036F3701.D\FID2B.CH Vial: 36
Acq On : 23-Jul-05, 11:22:33 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\037F3801.D\FID1A.CH Vial: 37
Acq On : 23-Jul-2005, 11:54:31 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\037F3801.D\FID2B.CH Vial: 37
Acq On : 23-Jul-05, 11:54:31 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:37 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5727	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1639492	104.982 ug/L
Spiked Amount 100.000		Recovery =	104.98%
11) S 4-Bromofluorobenzene	9.45	18742	93.376 ug/L
iked Amount 100.000		Recovery =	93.38%
Target Compounds			
1) H T M Gasoline	8.00	24994012	915.448 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	3692	17.843 ug/L
7) T M Toluene	5.16	21833	76.189 ug/L
8) T M Ethylbenzene	7.89	4509	14.214 ug/L
9) T M m,p-Xylene	8.16	22203	59.032 ug/L
10) T M o-Xylene	8.79	7131	22.963 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	5345	11.107 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	12428	34.296 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

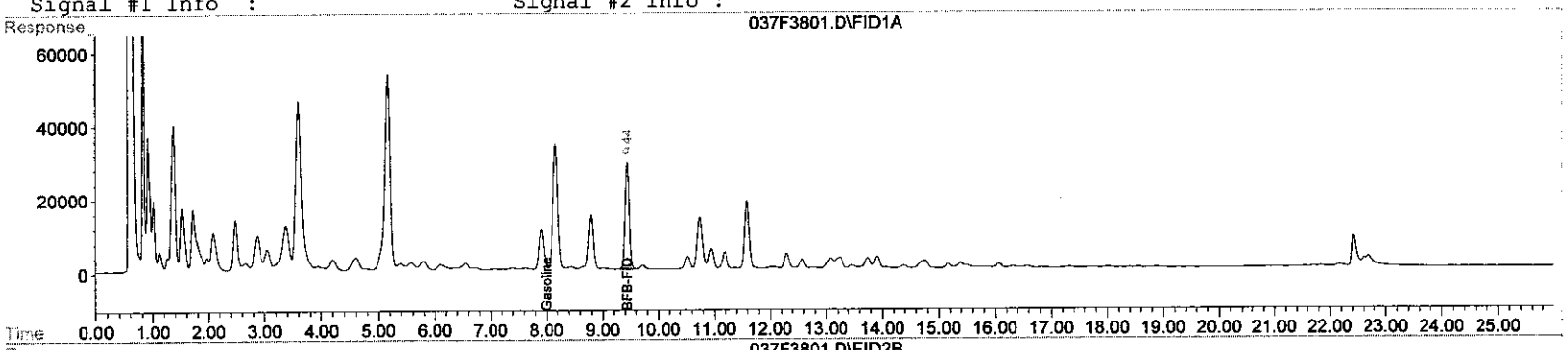
Quantitation Report

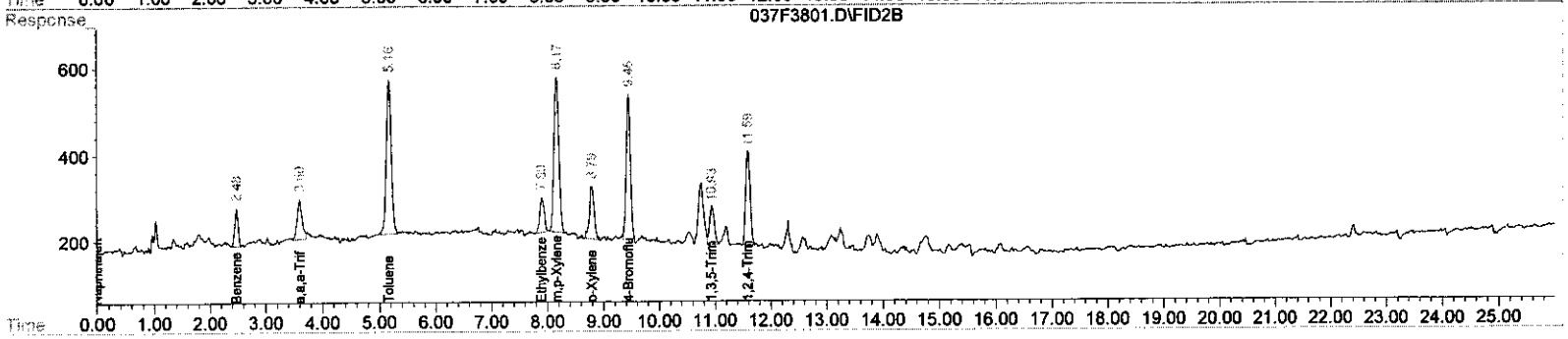
Data .e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\037i J1.D\FID1A.CH Vial: 37
Acq On : 23-Jul-2005, 11:54:31 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\037F3801.D\FID2B.CH Vial: 37
Acq On : 23-Jul-05, 11:54:31 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:37 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\038F3901.D\FID1A.CH Vial: 38
Acq On : 23-Jul-2005, 12:27:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\038F3901.D\FID2B.CH Vial: 38
Acq On : 23-Jul-05, 12:27:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:38 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5619	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1587824	101.665 ug/L
Spiked Amount 100.000		Recovery =	101.67%
11) S 4-Bromofluorobenzene	9.45	20031	101.717 ug/L
Spiked Amount 100.000		Recovery =	101.72%
Target Compounds			
1) H T M Gasoline	8.00	19478292	683.338 ug/L
5) T Methyl-tert-butyl ether	1.35	2508	55.255 ug/L
6) T M Benzene	2.49	12298	57.051 ug/L
7) T M Toluene	5.17	14543	51.406 ug/L
8) T M Ethylbenzene	7.91	14640	52.762 ug/L
9) T M m,p-Xylene	8.17	38860	107.312 ug/L
10) T M o-Xylene	8.79	15105	50.675 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	25031	53.010 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19936	56.794 ug/L
14) T Naphthalene	16.07	9996	54.399 ug/L

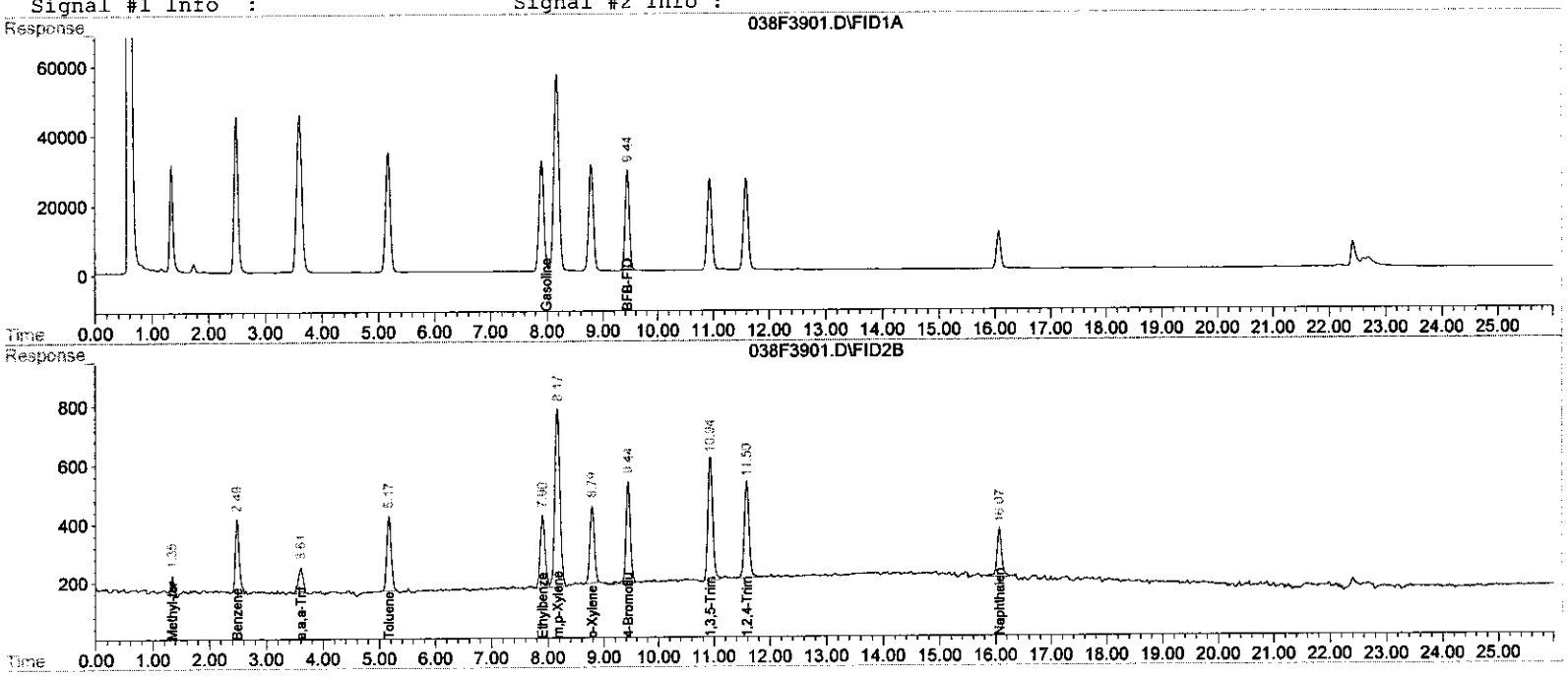
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\038F. 1.D\FID1A.CH Vial: 38
Acq On : 23-Jul-2005, 12:27:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\038F3901.D\FID2B.CH Vial: 38
Acq On : 23-Jul-05, 12:27:01 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:38 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\049F5001.D\FID1A.CH Vial: 49
Acq On : 23-Jul-2005, 18:22:37 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\049F5001.D\FID2B.CH Vial: 49
Acq On : 23-Jul-05, 18:22:37 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:43 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5440	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1637184	104.834 ug/L
Spiked Amount 100.000		Recovery =	104.83%
11) S 4-Bromofluorobenzene	9.45	18509	97.081 ug/L
iked Amount 100.000		Recovery =	97.08%
Target Compounds			
1) H T M Gasoline	8.00	23966564	872.212 ug/L
5) T Methyl-tert-butyl ether	1.37	911	20.419 ug/L
6) T M Benzene	2.48	4277	21.437 ug/L
7) T M Toluene	5.17	21290	78.242 ug/L
8) T M Ethylbenzene	7.91	4354	14.489 ug/L
9) T M m,p-Xylene	8.16	22049	61.832 ug/L
10) T M o-Xylene	8.79	6986	23.715 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	4234	9.261 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13614	39.726 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

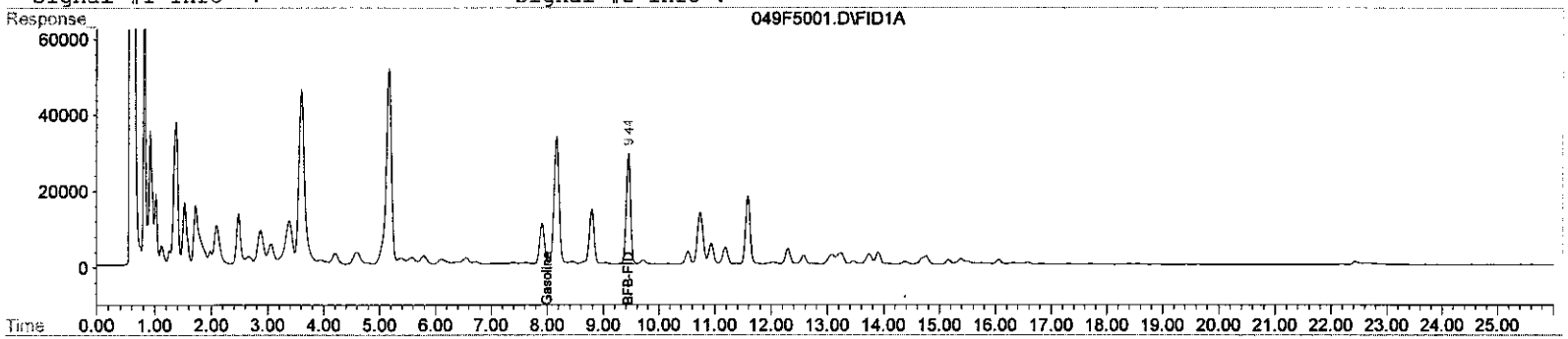
Quantitation Report

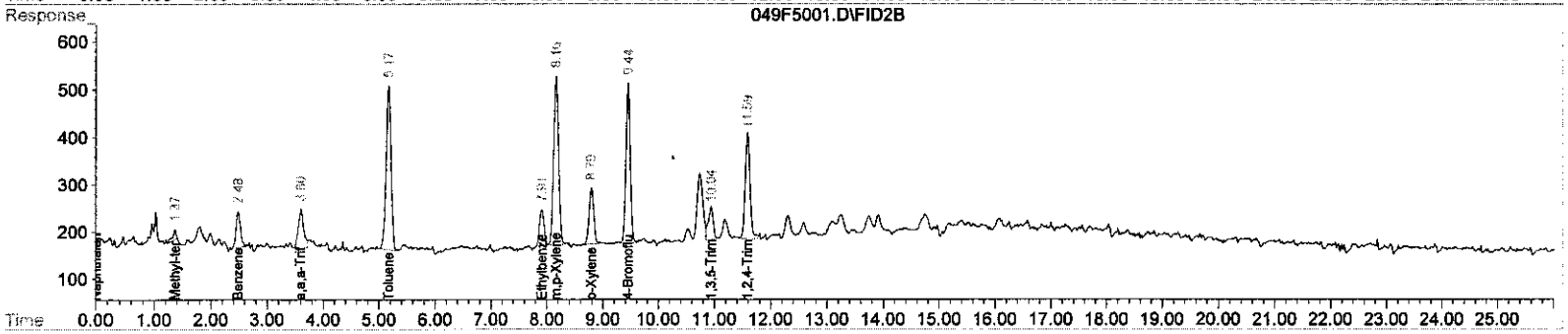
Data .e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\049:)1.D\FID1A.CH Vial: 49
Acq On : 23-Jul-2005, 18:22:37 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\049F5001.D\FID2B.CH Vial: 49
Acq On : 23-Jul-05, 18:22:37 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:43 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\050F5101.D\FID1A.CH Vial: 50
Acq On : 23-Jul-2005, 18:54:58 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\050F5101.D\FID2B.CH Vial: 50
Acq On : 23-Jul-05, 18:54:58 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5367	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1602621	102.615 ug/L
Spiked Amount 100.000		Recovery =	102.62%
11) S 4-Bromofluorobenzene	9.44	18193	96.731 ug/L
iked Amount 100.000		Recovery =	96.73%
Target Compounds			
1) H T M Gasoline	8.00	18667221	649.207 ug/L
5) T Methyl-tert-butyl ether	1.35	1879	43.241 ug/L
6) T M Benzene	2.48	11037	53.700 ug/L
7) T M Toluene	5.17	13425	49.654 ug/L
8) T M Ethylbenzene	7.91	13261	49.913 ug/L
9) T M m,p-Xylene	8.17	36088	104.277 ug/L
10) T M o-Xylene	8.79	16004	56.320 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	23997	53.213 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19169	57.186 ug/L
14) T Naphthalene	16.07	10502	59.450 ug/L

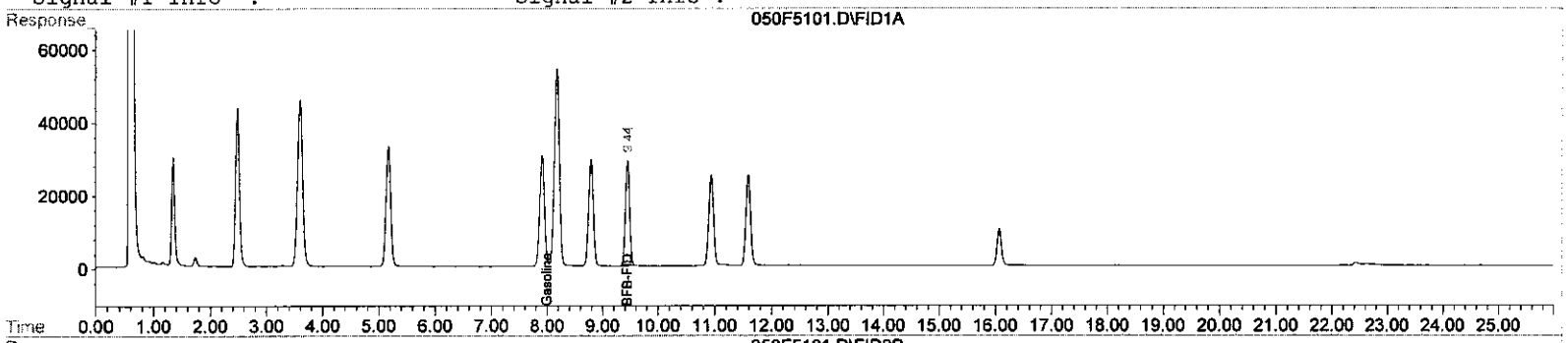
Quantitation Report

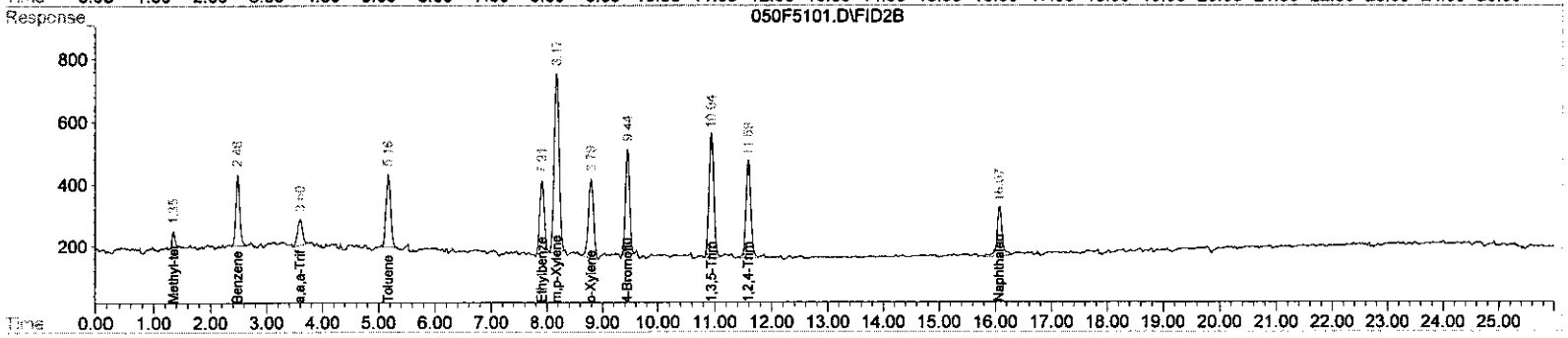
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\050F 01.D\FID1A.CH Vial: 50
Acq On : 23-Jul-2005, 18:54:58 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\050F5101.D\FID2B.CH Vial: 50
Acq On : 23-Jul-05, 18:54:58 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\053F5401.D\FID1A.CH Vial: 53
Acq On : 23-Jul-2005, 20:31:44 Operator: RG
Sample : 1702-0747,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\053F5401.D\FID2B.CH Vial: 53
Acq On : 23-Jul-05, 20:31:44 Operator: RG
Sample : 1702-0747,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: 20X
Signal #1 Info : Signal #2 Info :

RR 50X G

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5266	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1560886	99.936 ug/L
Spiked Amount 100.000	Recovery	=	99.94%
11) S 4-Bromofluorobenzene	9.45	18718	101.417 ug/L
iked Amount 100.000	Recovery	=	101.42%
Target Compounds			
1) H T M Gasoline	8.00	93792787	3810.607 ug/L — OR
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	7.90	7789	28.878 ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

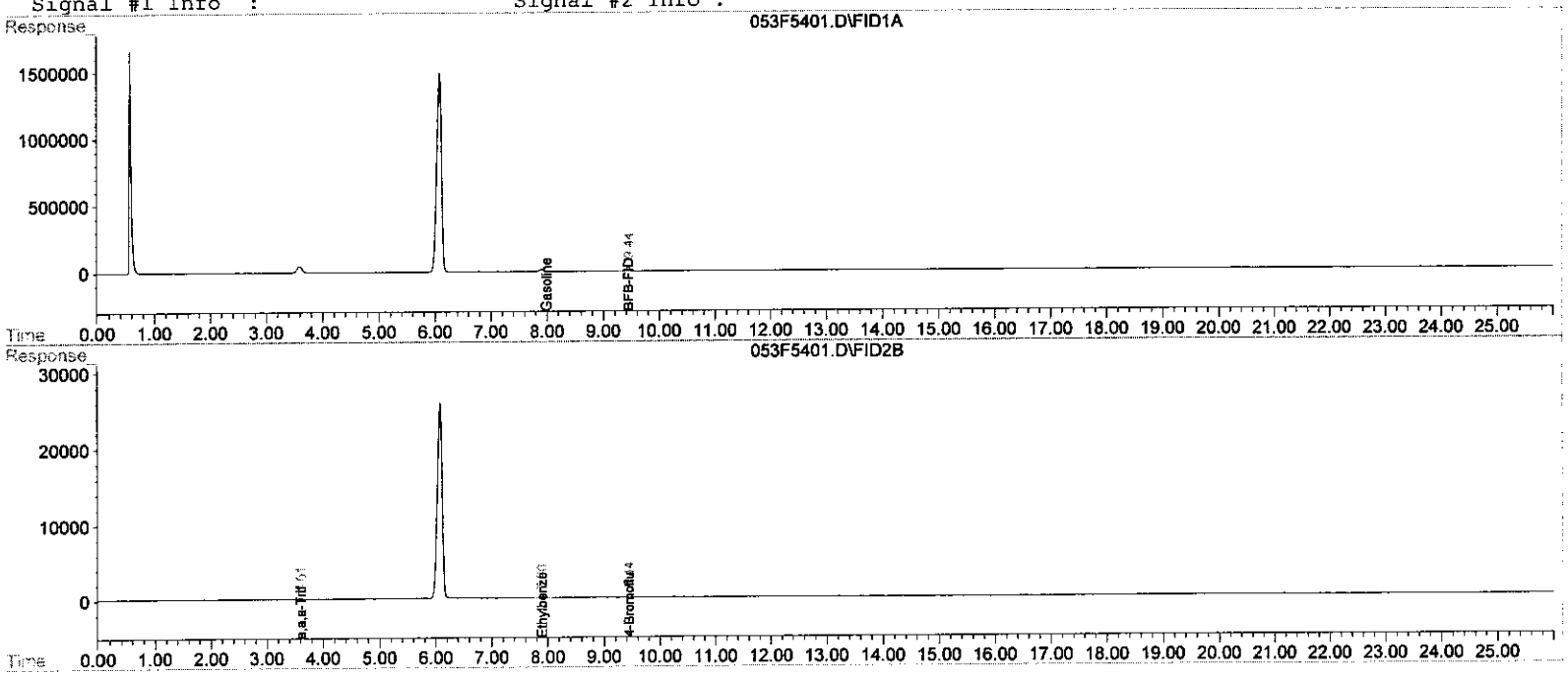
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\053F 01.D\FID1A.CH Vial: 53
Acq On : 23-Jul-2005, 20:31:44 Operator: RG
Sample : 1702-0747,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\053F5401.D\FID2B.CH Vial: 53
Acq On : 23-Jul-05, 20:31:44 Operator: RG
Sample : 1702-0747,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\054F5501.D\FID1A.CH Vial: 54
Acq On : 23-Jul-2005, 21:04:23 Operator: RG
Sample : 1702-0748,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\054F5501.D\FID2B.CH Vial: 54
Acq On : 23-Jul-05, 21:04:23 Operator: RG
Sample : 1702-0748,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 11:57 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : 20X
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	4926	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1613030	103.283 ug/L
Spiked Amount 100.000	Recovery	=	103.28%
11) S 4-Bromofluorobenzene	9.44	18681	108.201 ug/L
iked Amount 100.000	Recovery	=	108.20%
Target Compounds			
1) H T M Gasoline	8.00	64342521	2571.294 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	7.90	5737	22.212 ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

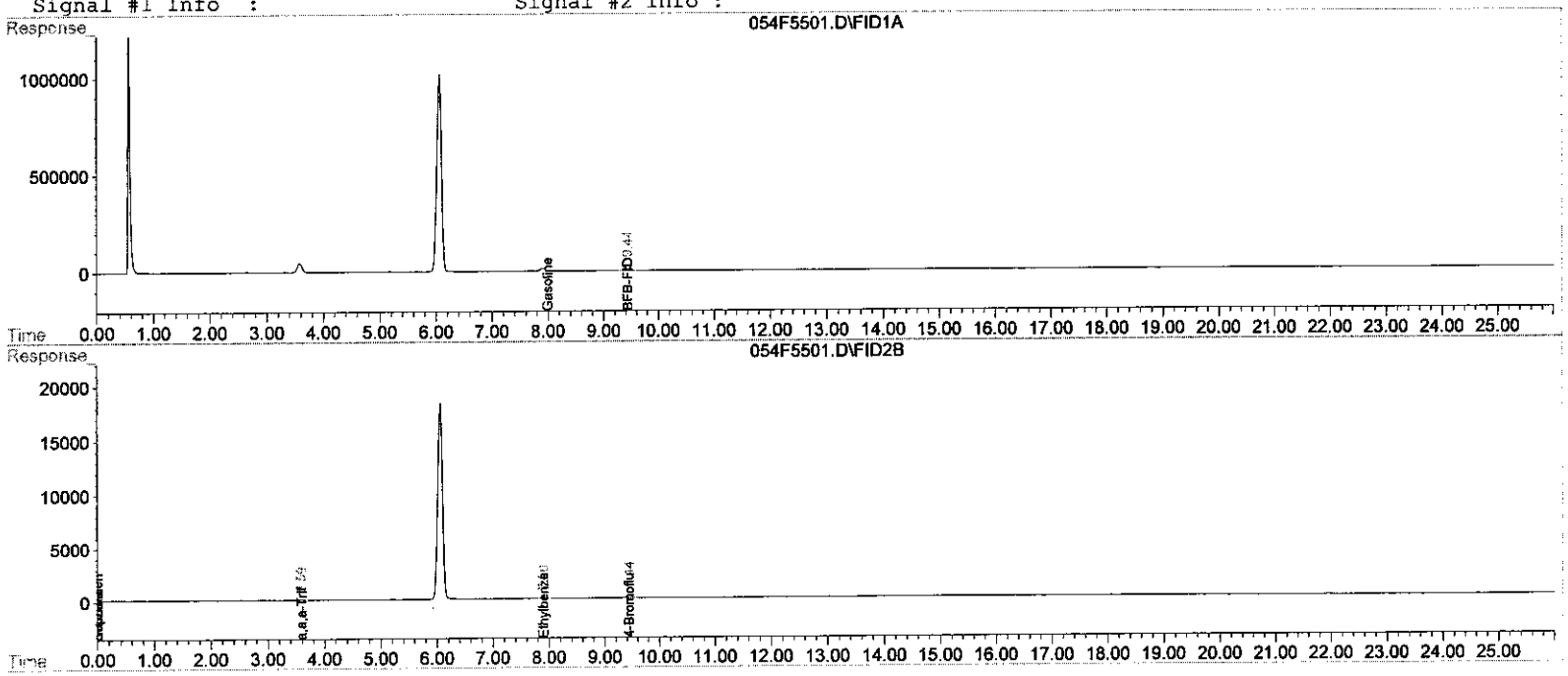
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\054F5501.D\FID1A.CH Vial: 54
Acq On : 23-Jul-2005, 21:04:23 Operator: RG
Sample : 1702-0748,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\054F5501.D\FID2B.CH Vial: 54
Acq On : 23-Jul-05, 21:04:23 Operator: RG
Sample : 1702-0748,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 11:57 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\061F6201.D\FID1A.CH Vial: 61
Acq On : 24-Jul-2005, 00:49:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\061F6201.D\FID2B.CH Vial: 61
Acq On : 24-Jul-05, 00:49:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:44 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5775	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.43	1638972	104.948 ug/L
Spiked Amount 100.000		Recovery =	104.95%
11) S 4-Bromofluorobenzene	9.44	18586	91.839 ug/L
iked Amount 100.000		Recovery =	91.84%
Target Compounds			
1) H T M Gasoline	8.00	24099680	877.813 ug/L
5) T Methyl-tert-butyl ether	1.34	374	7.600 ug/L
6) T M Benzene	2.47	3900	18.625 ug/L
7) T M Toluene	5.16	22177	76.760 ug/L
8) T M Ethylbenzene	7.90	4584	14.353 ug/L
9) T M m,p-Xylene	8.16	22321	58.850 ug/L
10) T M o-Xylene	8.79	6973	22.242 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	5525	11.386 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	13536	37.139 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

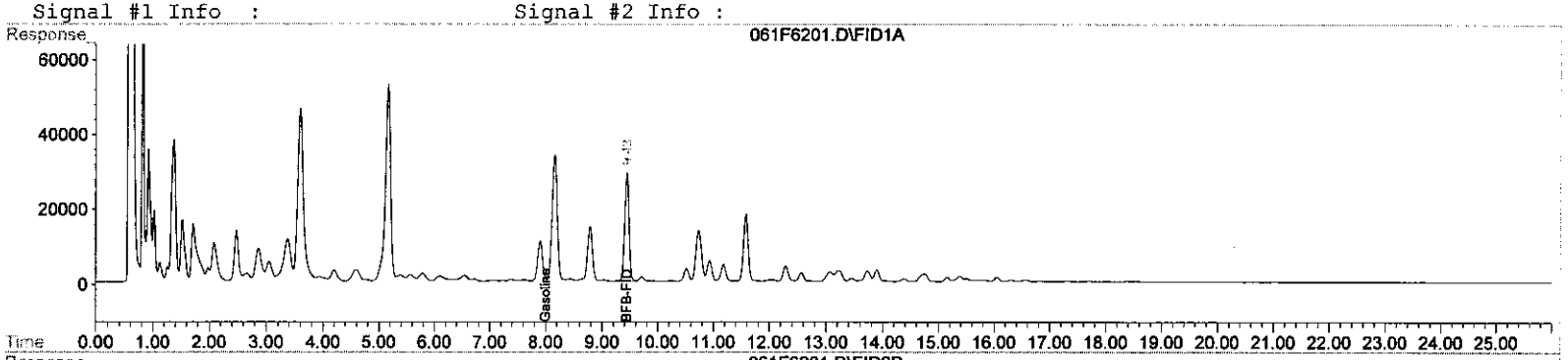
Quantitation Report

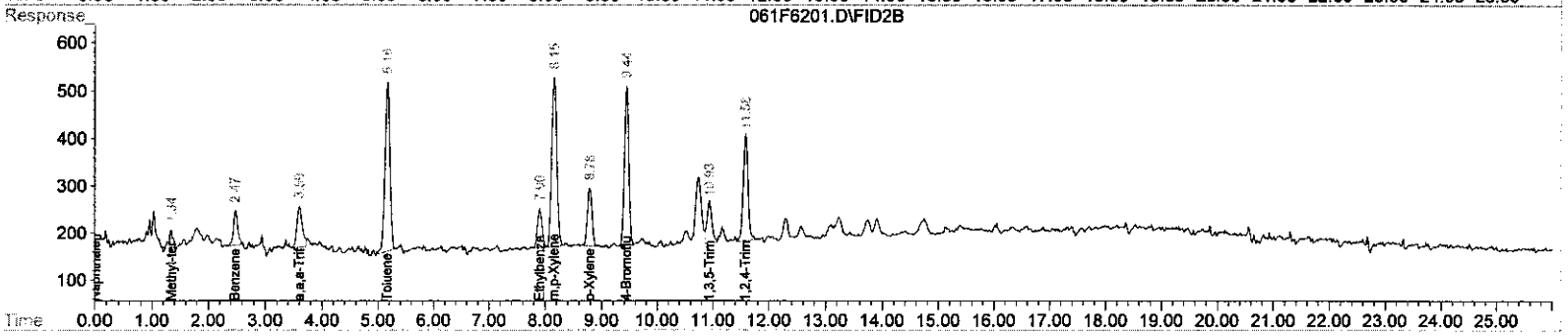
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\061F6201.D\FID1A.CH Vial: 61
Acq On : 24-Jul-2005, 00:49:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\061F6201.D\FID2B.CH Vial: 61
Acq On : 24-Jul-05, 00:49:14 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:44 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\062F6301.D\FID1A.CH Vial: 62
Acq On : 24-Jul-2005, 01:21:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\062F6301.D\FID2B.CH Vial: 62
Acq On : 24-Jul-05, 01:21:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:55 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5588	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1596641	102.231 ug/L
Spiked Amount 100.000		Recovery =	102.23%
11) S 4-Bromofluorobenzene	9.44	19147	97.766 ug/L
iked Amount 100.000		Recovery =	97.77%
Target Compounds			
1) H T M Gasoline	8.00	19347530	677.835 ug/L
5) T Methyl-tert-butyl ether	1.34	1834	40.483 ug/L
6) T M Benzene	2.48	11386	53.217 ug/L
7) T M Toluene	5.17	15256	54.281 ug/L
8) T M Ethylbenzene	7.91	15108	54.840 ug/L
9) T M m,p-Xylene	8.17	38536	107.000 ug/L
10) T M o-Xylene	8.79	15544	52.468 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	24431	52.027 ug/L
13) T 1,2,4-Trimethylbenzene	11.58	19901	57.011 ug/L
14) T Naphthalene	16.06	9841	53.892 ug/L

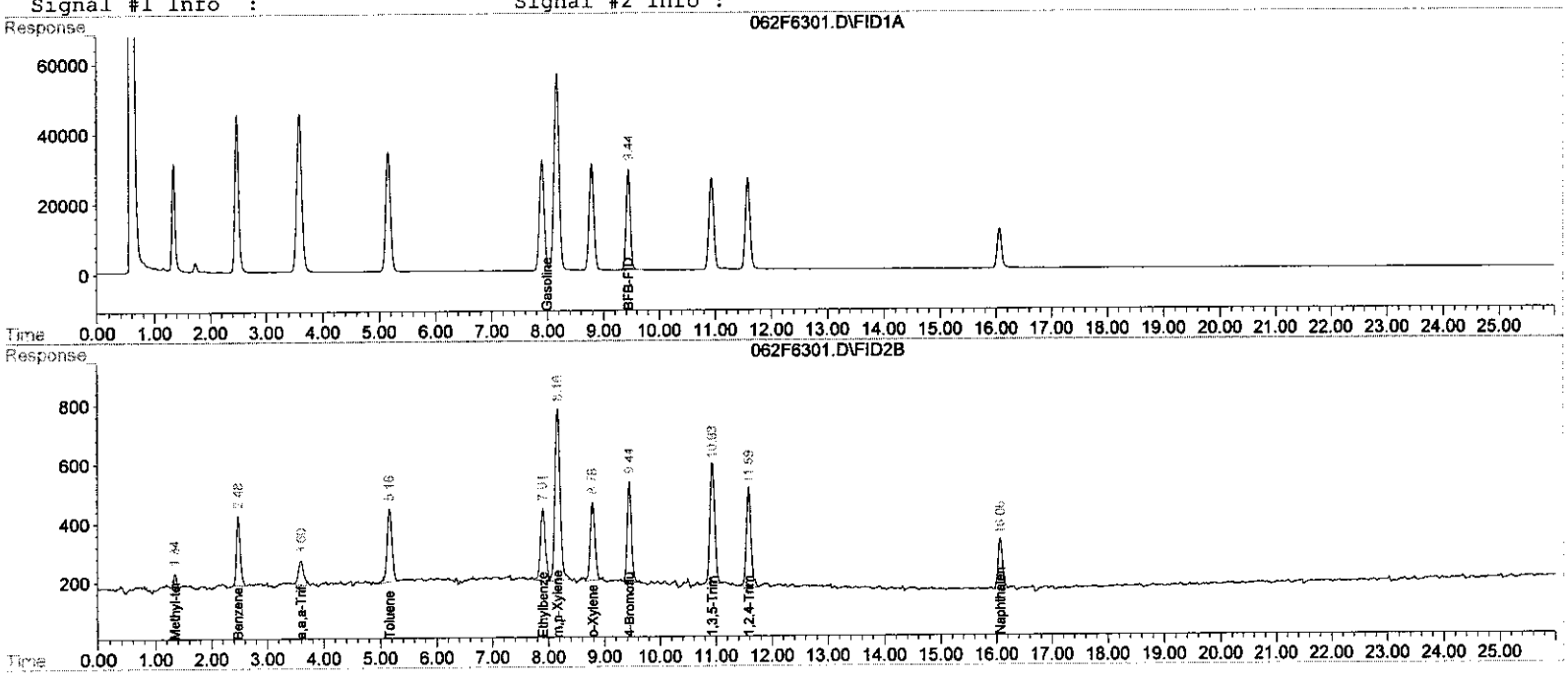
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\062F .1.D\FID1A.CH Vial: 62
Acq On : 24-Jul-2005, 01:21:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\062F6301.D\FID2B.CH Vial: 62
Acq On : 24-Jul-05, 01:21:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:55 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\063F6401.D\FID1A.CH Vial: 63
Acq On : 24-Jul-2005, 01:53:52 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\063F6401.D\FID2B.CH Vial: 63
Acq On : 24-Jul-05, 01:53:52 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5236	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1589699	101.785 ug/L
Spiked Amount 100.000		Recovery =	101.79%
11) S 4-Bromofluorobenzene	9.44	19238	104.841 ug/L
iked Amount 100.000		Recovery =	104.84%
Target Compounds			
1) H T M Gasoline	8.00	3030703	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

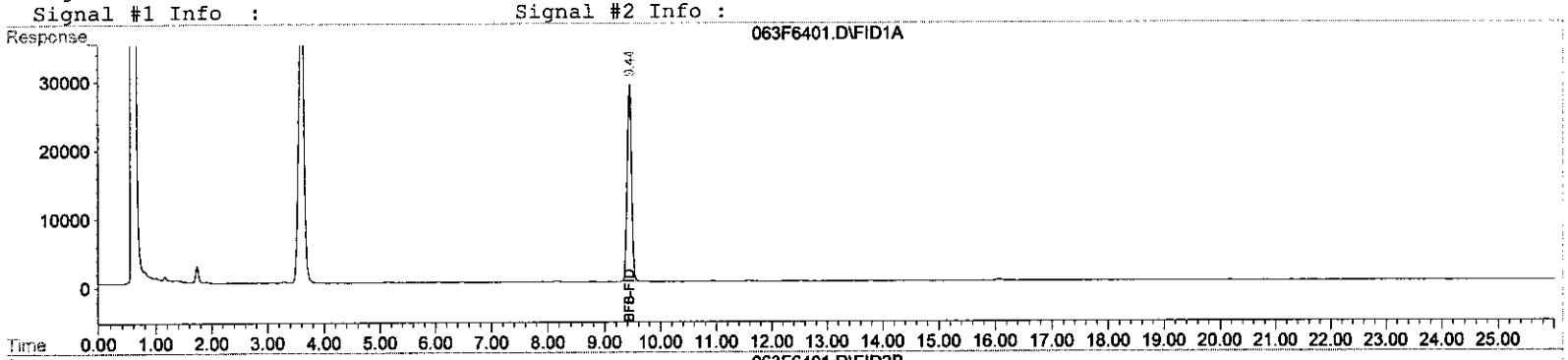
Quantitation Report

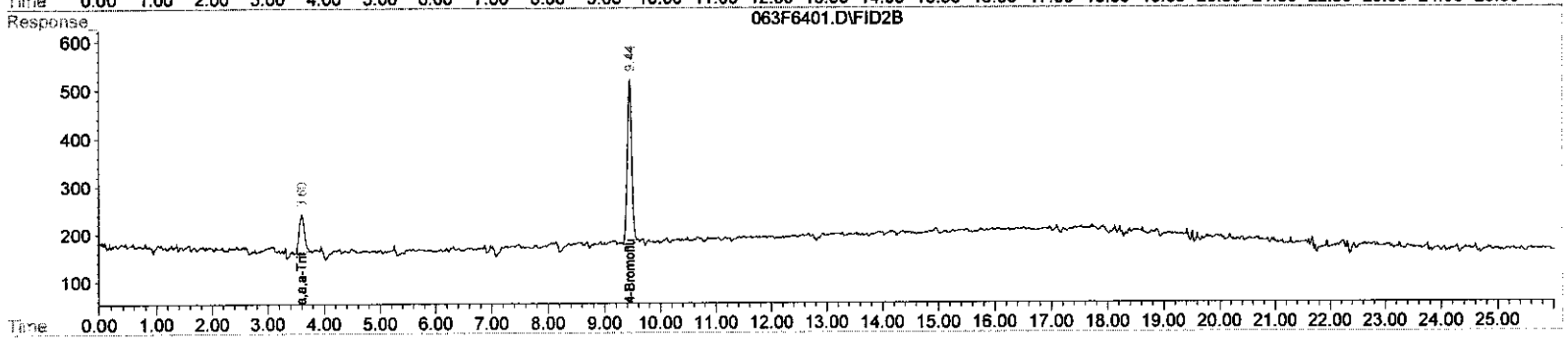
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\063F 1.D\FID1A.CH Vial: 63
Acq On : 24-Jul-2005, 01:53:52 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\063F6401.D\FID2B.CH Vial: 63
Acq On : 24-Jul-05, 01:53:52 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\064F6501.D\FID1A.CH Vial: 64
Acq On : 24-Jul-2005, 02:26:05 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\064F6501.D\FID2B.CH Vial: 64
Acq On : 24-Jul-05, 02:26:05 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5845	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1663690	106.535 ug/L
Spiked Amount 100.000		Recovery =	106.54%
11) S 4-Bromofluorobenzene	9.44	19834	96.831 ug/L
iked Amount 100.000		Recovery =	96.83%
Target Compounds			
1) H T M Gasoline	8.00	38811357	1496.903 ug/L
5) T Methyl-tert-butyl ether	1.36	1868	39.417 ug/L
6) T M Benzene	2.48	6201	28.416 ug/L
7) T M Toluene	5.17	37220	127.943 ug/L
8) T M Ethylbenzene	7.91	8449	28.171 ug/L
9) T M m,p-Xylene	8.16	39009	103.478 ug/L
10) T M o-Xylene	8.79	13398	43.075 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	10679	21.743 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	24855	68.299 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

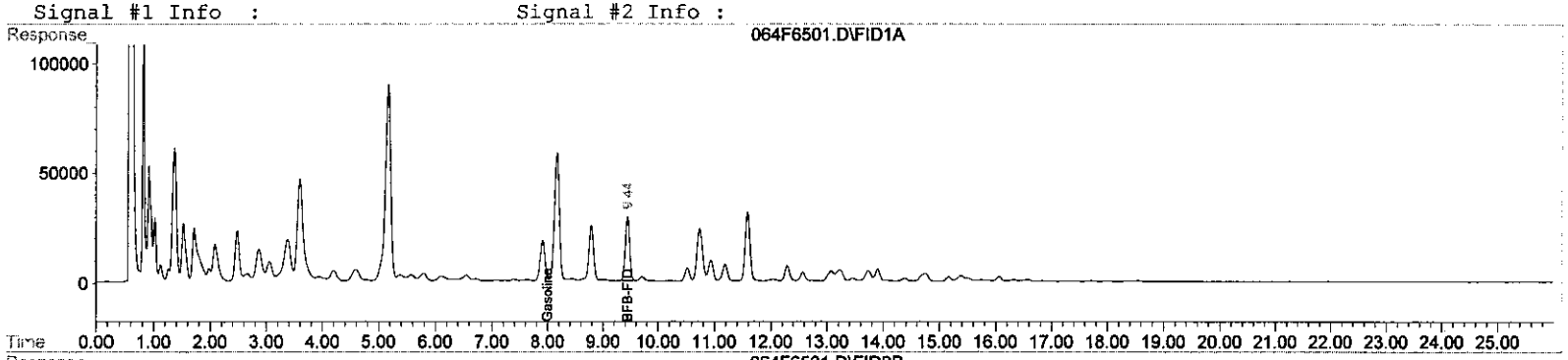
Quantitation Report

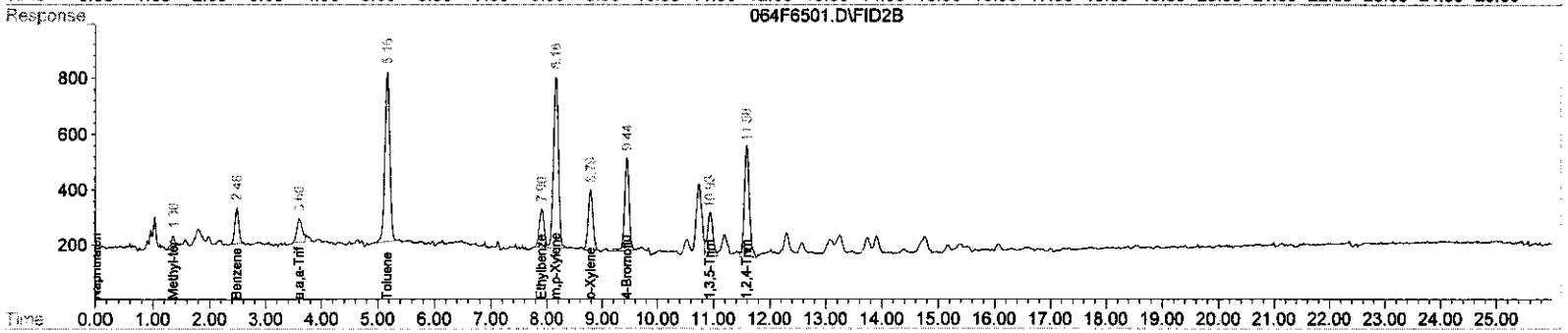
Data .e : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\0641)1.D\FID1A.CH Vial: 64
Acq On : 24-Jul-2005, 02:26:05 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\064F6501.D\FID2B.CH Vial: 64
Acq On : 24-Jul-05, 02:26:05 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 11:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\065F6601.D\FID1A.CH Vial: 65
Acq On : 24-Jul-2005, 02:58:21 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\065F6601.D\FID2B.CH Vial: 65
Acq On : 24-Jul-05, 02:58:21 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	6353	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1662144	106.436 ug/L
Spiked Amount 100.000		Recovery =	106.44%
11) S 4-Bromofluorobenzene	9.44	18519	83.182 ug/L
iked Amount 100.000		Recovery =	83.18%
Target Compounds			
1) H T M Gasoline	8.00	38954360	1502.921 ug/L
5) T Methyl-tert-butyl ether	1.35	1662	32.180 ug/L
6) T M Benzene	2.49	6661	28.100 ug/L
7) T M Toluene	5.17	36916	116.664 ug/L
8) T M Ethylbenzene	7.91	8460	25.758 ug/L
9) T M m,p-Xylene	8.16	39644	96.588 ug/L
10) T M o-Xylene	8.79	12714	37.488 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9815	18.386 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	23377	58.950 ug/L
14) T Naphthalene	16.05	1712	11.546 ug/L

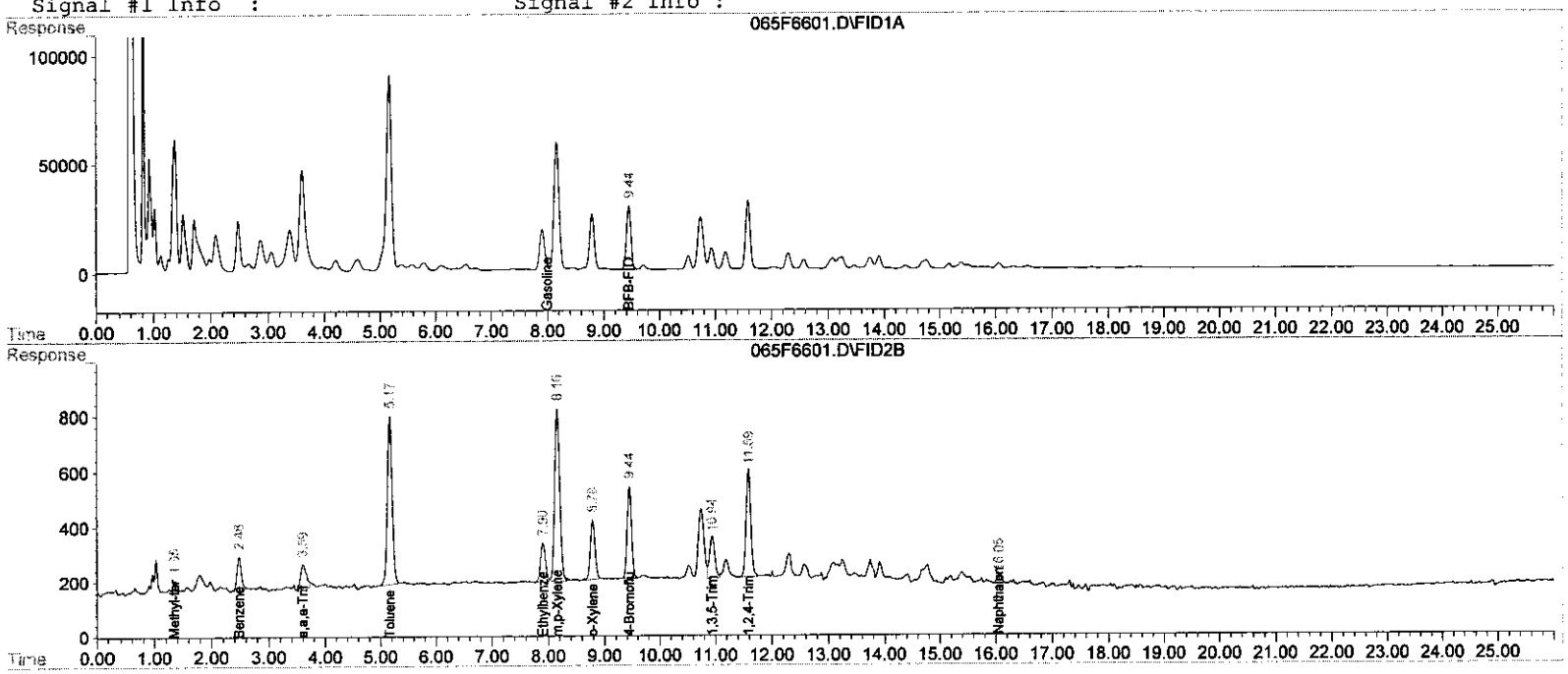
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\065F. .1.D\FID1A.CH Vial: 65
Acq On : 24-Jul-2005, 02:58:21 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\065F6601.D\FID2B.CH Vial: 65
Acq On : 24-Jul-05, 02:58:21 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 11:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\066F6701.D\FID1A.CH Vial: 66
Acq On : 24-Jul-2005, 03:30:40 Operator: RG
Sample : 1702-0755,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\066F6701.D\FID2B.CH Vial: 66
Acq On : 24-Jul-05, 03:30:40 Operator: RG
Sample : 1702-0755,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 12:07 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.58	5383	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1591611	101.908 ug/L
Spiked Amount 100.000	Recovery	=	101.91%
11) S 4-Bromofluorobenzene	9.45	18562	98.391 ug/L
iked Amount 100.000	Recovery	=	98.39%
Target Compounds			
1) H T M Gasoline	8.00	3048480	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

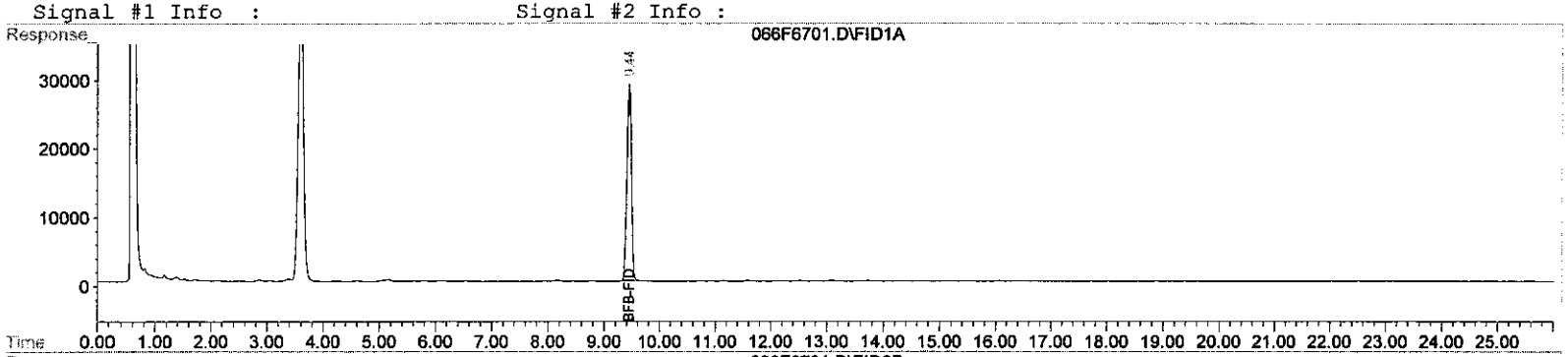
Quantitation Report

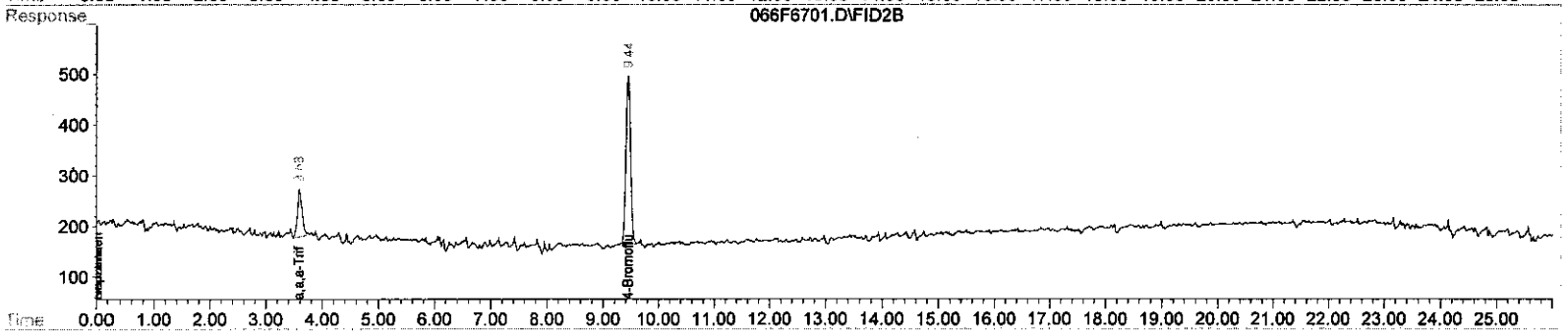
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\066F 1.D\FID1A.CH Vial: 66
Acq On : 24-Jul-2005, 03:30:40 Operator: RG
Sample : 1702-0755,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\066F6701.D\FID2B.CH Vial: 66
Acq On : 24-Jul-05, 03:30:40 Operator: RG
Sample : 1702-0755,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 12:07 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\067F6801.D\FID1A.CH Vial: 67
Acq On : 24-Jul-2005, 04:02:27 Operator: RG
Sample : 1702-0756,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\067F6801.D\FID2B.CH Vial: 67
Acq On : 24-Jul-05, 04:02:27 Operator: RG
Sample : 1702-0756,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5868	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1592568	101.970 ug/L
Spiked Amount 100.000		Recovery =	101.97%
11) S 4-Bromofluorobenzene	9.44	19200	93.367 ug/L
iked Amount 100.000		Recovery =	93.37%
Target Compounds			
1) H T M Gasoline	8.00	2978770	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

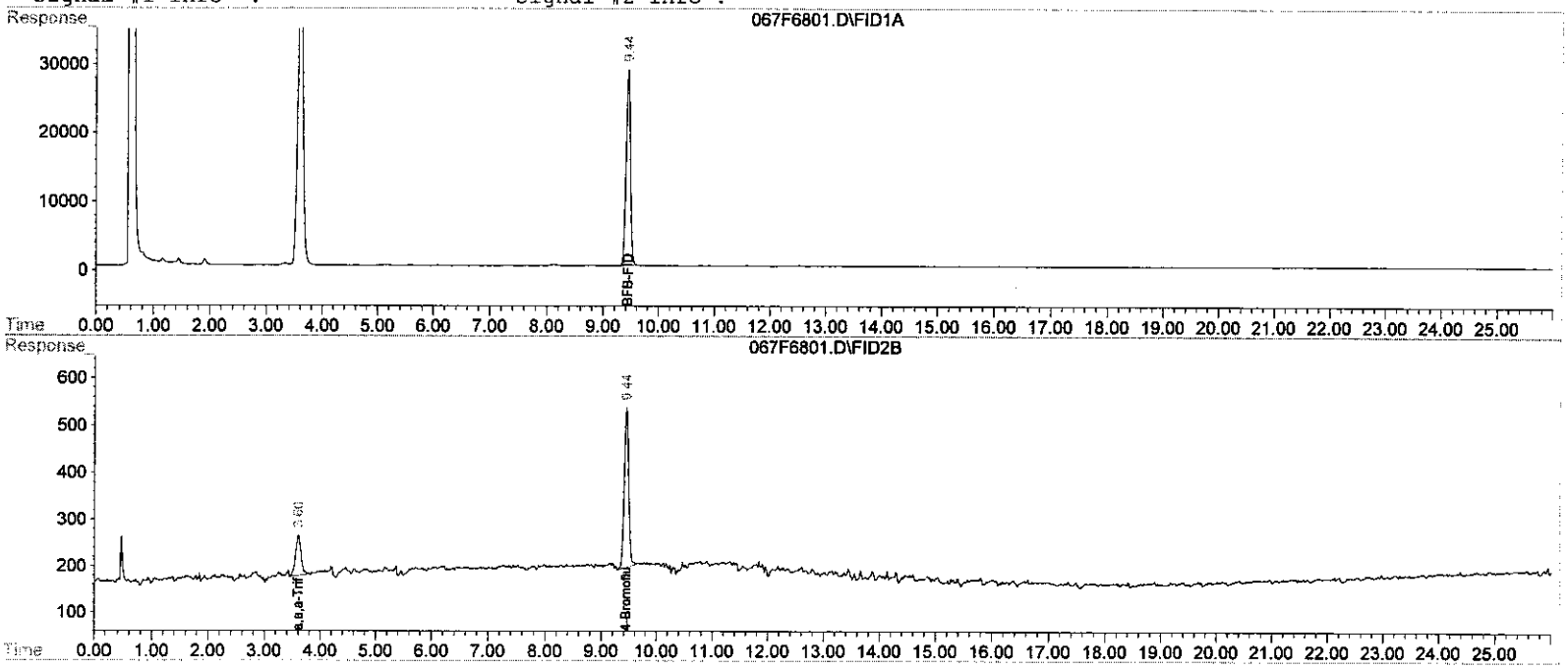
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\067F 1.D\FID1A.CH Vial: 67
Acq On : 24-Jul-2005, 04:02:27 Operator: RG
Sample : 1702-0756,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\067F6801.D\FID2B.CH Vial: 67
Acq On : 24-Jul-05, 04:02:27 Operator: RG
Sample : 1702-0756,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\068F6901.D\FID1A.CH Vial: 68
Acq On : 24-Jul-2005, 04:35:23 Operator: RG
Sample : 1702-0757,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\068F6901.D\FID2B.CH Vial: 68
Acq On : 24-Jul-05, 04:35:23 Operator: RG
Sample : 1702-0757,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5374	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1589663	101.783 ug/L
Spiked Amount 100.000	Recovery	=	101.78%
11) S 4-Bromofluorobenzene	9.44	18318	97.268 ug/L
iked Amount 100.000	Recovery	=	97.27%
Target Compounds			
1) H T M Gasoline	8.00	2912288	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

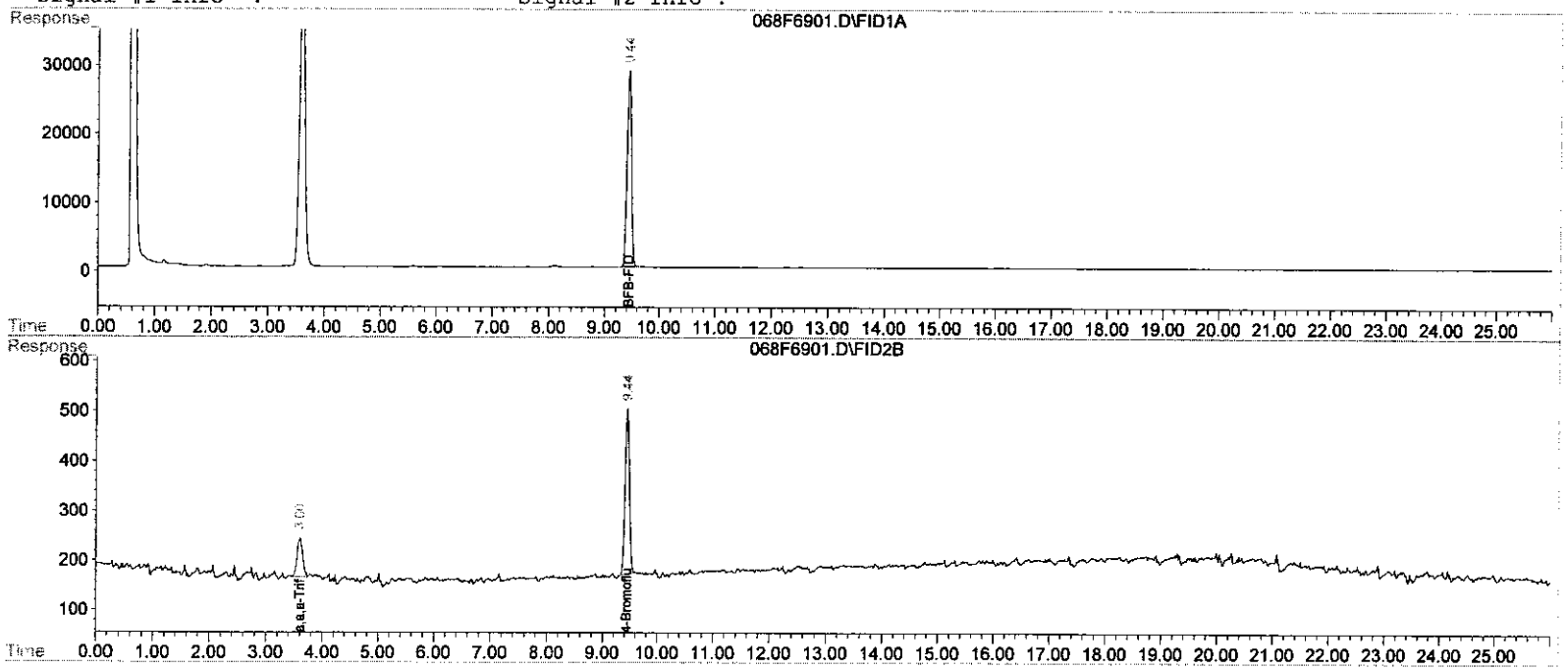
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\068F 1.D\FID1A.CH Vial: 68
Acq On : 24-Jul-2005, 04:35:23 Operator: RG
Sample : 1702-0757,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\068F6901.D\FID2B.CH Vial: 68
Acq On : 24-Jul-05, 04:35:23 Operator: RG
Sample : 1702-0757,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:26 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\069F7001.D\FID1A.CH Vial: 69
Acq On : 24-Jul-2005, 05:07:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\069F7001.D\FID2B.CH Vial: 69
Acq On : 24-Jul-05, 05:07:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:56 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6267	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1648824	105.581 ug/L
Spiked Amount 100.000		Recovery =	105.58%
11) S 4-Bromofluorobenzene	9.45	19770	90.011 ug/L
iked Amount 100.000		Recovery =	90.01%
Target Compounds			
1) H T M Gasoline	8.00	24429245	891.682 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	4686	20.458 ug/L
7) T M Toluene	5.17	21551	68.624 ug/L
8) T M Ethylbenzene	7.91	5781	17.078 ug/L
9) T M m,p-Xylene	8.17	23700	57.516 ug/L
10) T M o-Xylene	8.79	7800	22.952 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	6164	11.703 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	14170	35.781 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

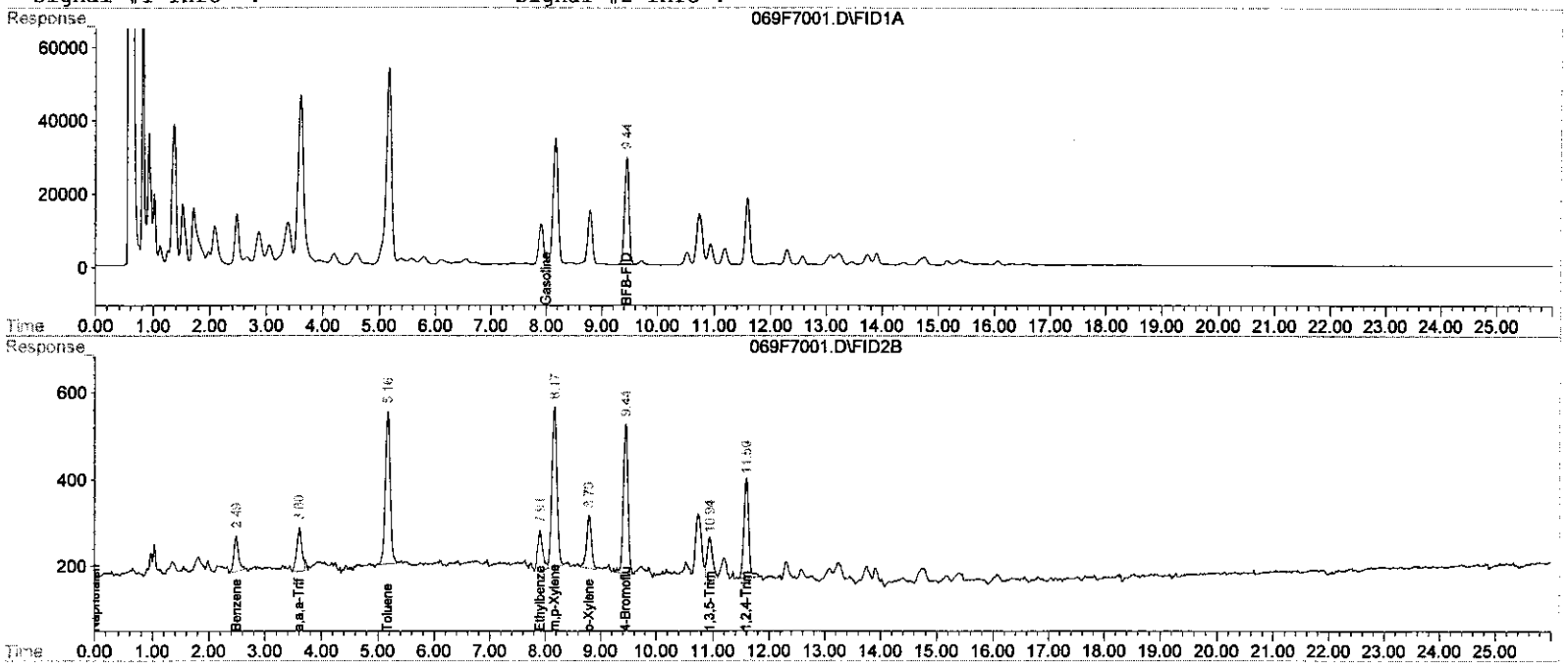
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\069F .1.D\FID1A.CH Vial: 69
Acq On : 24-Jul-2005, 05:07:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\069F7001.D\FID2B.CH Vial: 69
Acq On : 24-Jul-05, 05:07:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:56 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\070F7101.D\FID1A.CH Vial: 70
Acq On : 24-Jul-2005, 05:39:54 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\070F7101.D\FID2B.CH Vial: 70
Acq On : 24-Jul-05, 05:39:54 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:57 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5342	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1602575	102.612 ug/L
Spiked Amount 100.000		Recovery =	102.61%
11) S 4-Bromofluorobenzene	9.44	19440	103.832 ug/L
iked Amount 100.000		Recovery =	103.83%
Target Compounds			
1) H T M Gasoline	8.00	19073036	666.284 ug/L
5) T Methyl-tert-butyl ether	1.34	2967	68.854 ug/L
6) T M Benzene	2.48	11745	57.304 ug/L
7) T M Toluene	5.17	14620	54.414 ug/L
8) T M Ethylbenzene	7.90	14627	55.572 ug/L
9) T M m,p-Xylene	8.17	37089	107.742 ug/L
10) T M o-Xylene	8.79	15472	54.671 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24738	55.106 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19616	58.818 ug/L
14) T Naphthalene	16.07	9288	53.253 ug/L

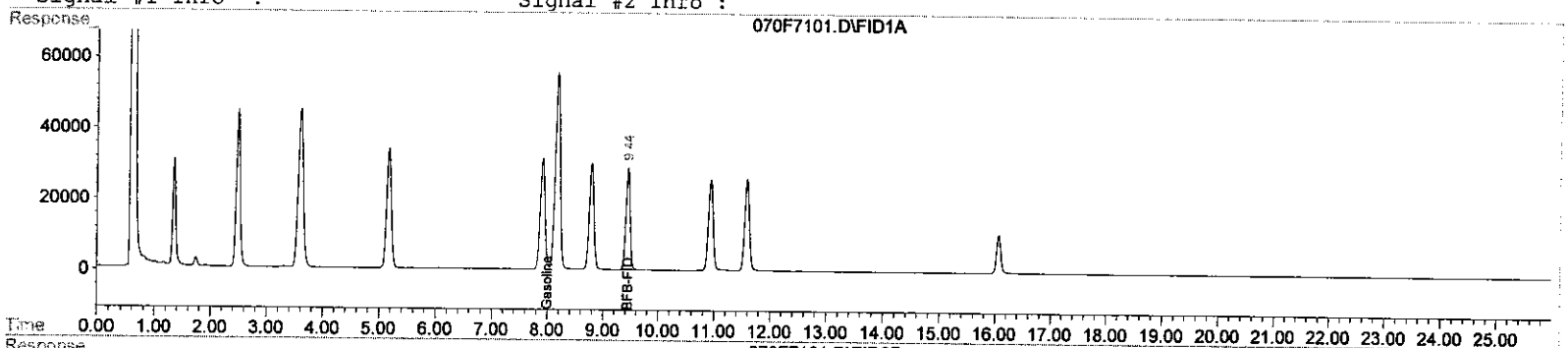
Quantitation Report

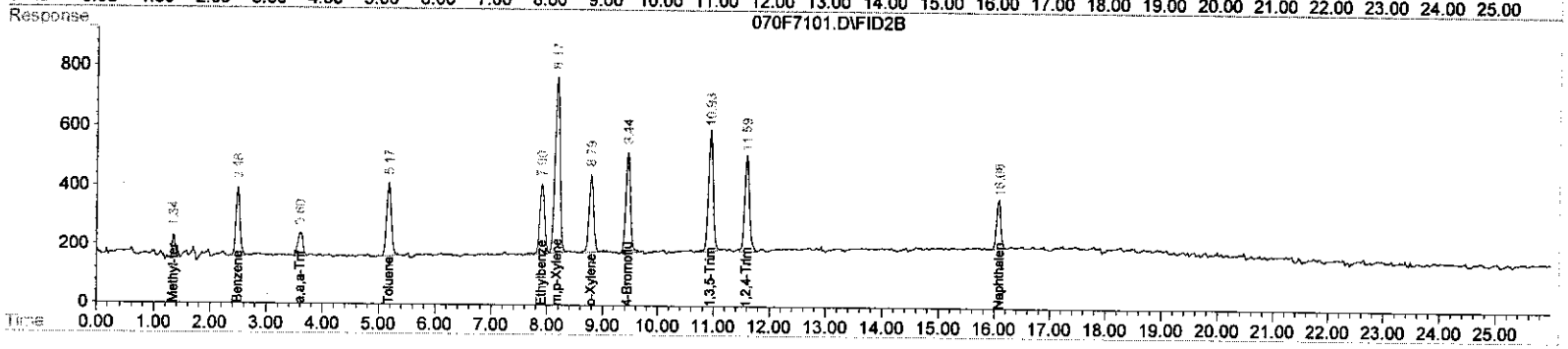
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\070F7101.D\FID1A.CH Vial: 70
Acq On : 24-Jul-2005, 05:39:54 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050722\070F7101.D\FID2B.CH Vial: 70
Acq On : 24-Jul-05, 05:39:54 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 10:57 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log Instrument ID: PADC-PID/FID-002 S/N: 3033A32378 Book No.: 5 Page 1 of 50

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	n/a	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

AP 7/26/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	Instrument BL	n/a	n/a	001F0101	Water	5mL	1	7/25/05 9:20	**Run# 4055**
2	n/a	GRO CCV	n/a	n/a	001F0201	Water	5mL	1	7/25/05 9:53	
3	n/a	BTEX CCV	n/a	n/a	002F0301	Water	5mL	1	7/25/05 10:25	
4	n/a	MB Aq	n/a	2160/2161	003F0401	Water	5mL	1	7/25/05 11:46	
5	n/a	LCS Aq	n/a	2160/2161	004F0501	Water	5mL	1	7/25/05 12:18	
6	n/a	LCSD Aq	n/a	2160/2161	005F0601	Water	5mL	1	7/25/05 12:51	
7	05-1740	0914	<2	2160/2161	006F0701	Water	0.25mL	20	7/25/05 13:23	
8	05-1740	0915	<2	2160/2161	007F0801	Water	0.5mL	10	7/25/05 13:56	
9	05-1740	0922	<2	2160/2161	008F0901	Water	0.5mL	10	7/25/05 14:28	
10	05-1740	0924	<2	2160/2161	009F1001	Water	0.25mL	20	7/25/05 15:00	
11	05-1740	0925	<2	2160/2161	010F1101	Water	0.5mL	10	7/25/05 15:33	
12	05-1740	0926	<2	2160/2161	011F1201	Water	0.5mL	10	7/25/05 16:06	
13	05-1740	0927	<2	2160/2161	012F1301	Water	0.5mL	10	7/25/05 16:38	
14	n/a	GRO CCV	n/a	n/a	013F1401	Water	5mL	1	7/25/05 17:10	
15	n/a	BTEX CCV	n/a	n/a	014F1501	Water	5mL	1	7/25/05 17:43	
16	05-1678	0663	<2	2160/2161	015F1601	Water	0.05mL	100	7/25/05 18:14	
17	05-1678	0664	<2	2160/2161	016F1701	Water	0.05mL	100	7/25/05 18:46	
18	05-1678	0665	<2	2160/2161	017F1801	Water	0.1mL	50	7/25/05 19:18	
19	05-1702	0747	>2	2160/2161	018F1901	Water	0.1mL	50	7/25/05 19:51	Vial had headspace. Sample not pres.
20	05-1702	0749	>2	2160/2161	019F2001	Water	0.25mL	20	7/25/05 20:23	Vial had headspace. Sample not pres.
21	05-1702	0750	>2	2160/2161	020F2101	Water	0.25mL	20	7/25/05 20:56	Vial had headspace. Sample not pres.

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 5 **Page 1 of 50**

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-360	bcc1	GC-S-1-358	is1	GC-S-1-359	m1	GC-1-111D	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	n/a	gcc1	GC-S-1-361	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

RP 7/28/05

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
22	05-1702	0751	>2	2160/2161	021F2201	Water	0.25mL	20	7/25/05 21:28	Vial had headspace. Sample not pres.
23	05-1702	0752	>2	2160/2161	022F2301	Water	0.25mL	20	7/25/05 22:00	Vial had headspace. Sample not pres.
24	05-1702	0753	>2	2160/2161	023F2401	Water	0.25mL	20	7/25/05 22:33	Sample not preserved.
25	05-1702	0754	<2	2160/2161	024F2501	Water	0.25mL	20	7/25/05 23:05	Vial had headspace.
26	n/a	GRO CCV	n/a	n/a	025F2601	Water	5mL	1	7/25/05 23:38	
27	n/a	BTEX CCV	n/a	n/a	026F2701	Water	5mL	1	7/26/05 0:10	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

n-Spiked Sample: 003F0401.D

	Spike Sample	Spike Duplicate Sample
File ID :	004F0501.D	005F0601.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	25-Jul-2005, 12:18:46	25-Jul-2005, 12:51:12

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1516	1631	92	99	7	20	70-130
Benzene	0.0	23	23	26	102	112	10	20	70-130
Toluene	0.0	123	116	122	94	99	5	20	70-130
Ethylbenzene	0.0	29	23	26	77	89	14	20	70-130
m,p-Xylene	0.0	103	93	99	91	97	6	20	70-130
o-Xylene	0.0	42	42	39	101	93	8	20	70-130

- Fails Limit Check

0617ARCH.M Tue Jul 26 08:17:32 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\001F0201.D\FID1A.CH Vial: 1
Acq On : 25-Jul-2005, 09:53:02 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\001F0201.D\FID2B.CH Vial: 1
Acq On : 25-Jul-05, 09:53:02 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 12:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4964	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1665094	106.625 ug/L
Spiked Amount 100.000		Recovery =	106.63%
11) S 4-Bromofluorobenzene	9.44	18929	108.805 ug/L
Spiked Amount 100.000		Recovery =	108.81%
Target Compounds			
1) H T M Gasoline	8.00	25130373	921.186 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	3512	19.436 ug/L
7) T M Toluene	5.16	21224	85.569 ug/L
8) T M Ethylbenzene	7.90	4370	16.184 ug/L
9) T M m,p-Xylene	8.16	21920	67.590 ug/L
10) T M o-Xylene	8.79	7077	26.431 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	4666	11.185 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	12935	41.410 ug/L
14) T Naphthalene	16.08	1977	15.200 ug/L

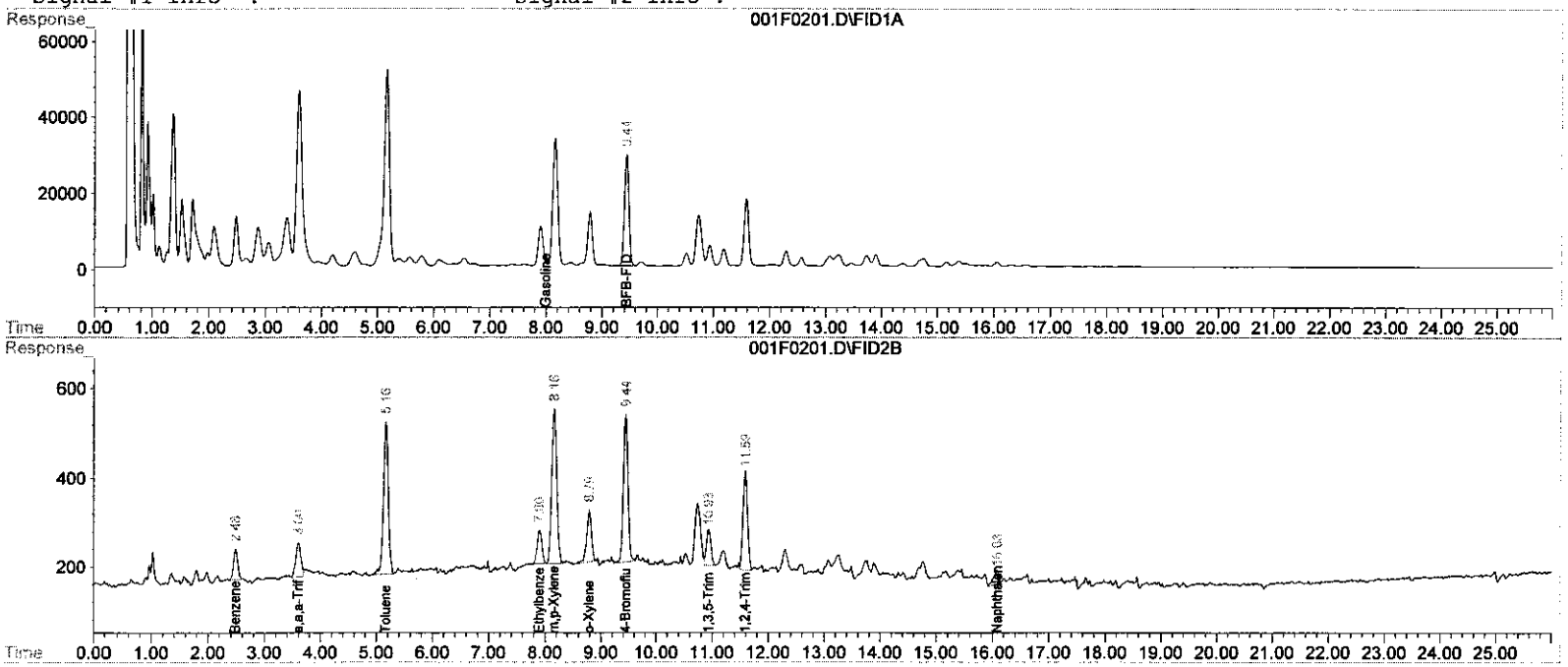
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\001F. J1.D\FID1A.CH Vial: 1
Acq On : 25-Jul-2005, 09:53:02 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\001F0201.D\FID2B.CH Vial: 1
Acq On : 25-Jul-05, 09:53:02 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 12:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\002F0301.D\FID1A.CH Vial: 2
Acq On : 25-Jul-2005, 10:25:49 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\002F0301.D\FID2B.CH Vial: 2
Acq On : 25-Jul-05, 10:25:49 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 12:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5513	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1594411	102.088 ug/L
Spiked Amount 100.000		Recovery =	102.09%
11) S 4-Bromofluorobenzene	9.44	18158	93.979 ug/L
Spiked Amount 100.000		Recovery =	93.98%
Target Compounds			
1) H T M Gasoline	8.00	19006508	663.485 ug/L
5) T Methyl-tert-butyl ether	1.35	2406	54.016 ug/L
6) T M Benzene	2.49	11000	52.143 ug/L
7) T M Toluene	5.17	14153	50.982 ug/L
8) T M Ethylbenzene	7.90	13628	49.932 ug/L
9) T M m,p-Xylene	8.17	36949	103.920 ug/L
10) T M o-Xylene	8.79	15586	53.344 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	25697	55.469 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18922	54.904 ug/L
14) T Naphthalene	16.07	9022	50.355 ug/L

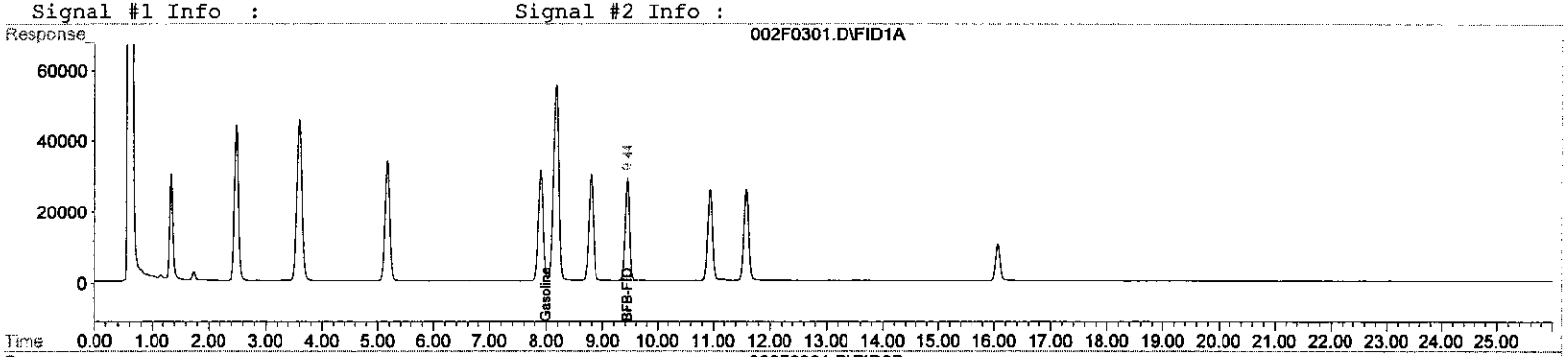
Quantitation Report

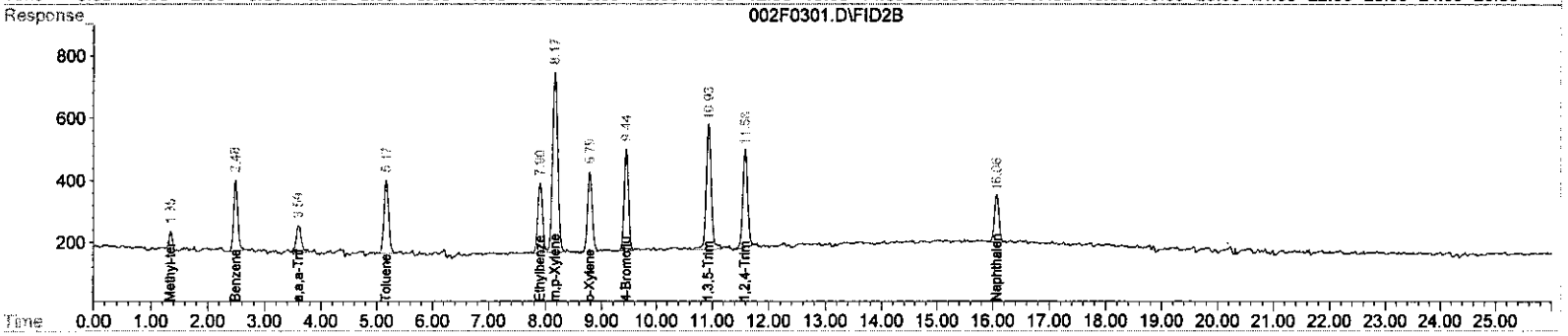
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\002F. 01.D\FID1A.CH Vial: 2
Acq On : 25-Jul-2005, 10:25:49 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\002F0301.D\FID2B.CH Vial: 2
Acq On : 25-Jul-05, 10:25:49 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 25 12:14 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\003F0401.D\FID1A.CH Vial: 3
Acq On : 25-Jul-2005, 11:46:39 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\003F0401.D\FID2B.CH Vial: 3
Acq On : 25-Jul-05, 11:46:39 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5436	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.43	1605895	102.825 ug/L
Spiked Amount 100.000		Recovery =	102.83%
11) S 4-Bromofluorobenzene	9.43	18300	96.059 ug/L
Spiked Amount 100.000		Recovery =	96.06%
Target Compounds			
1) H T M Gasoline	8.00	3081120	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

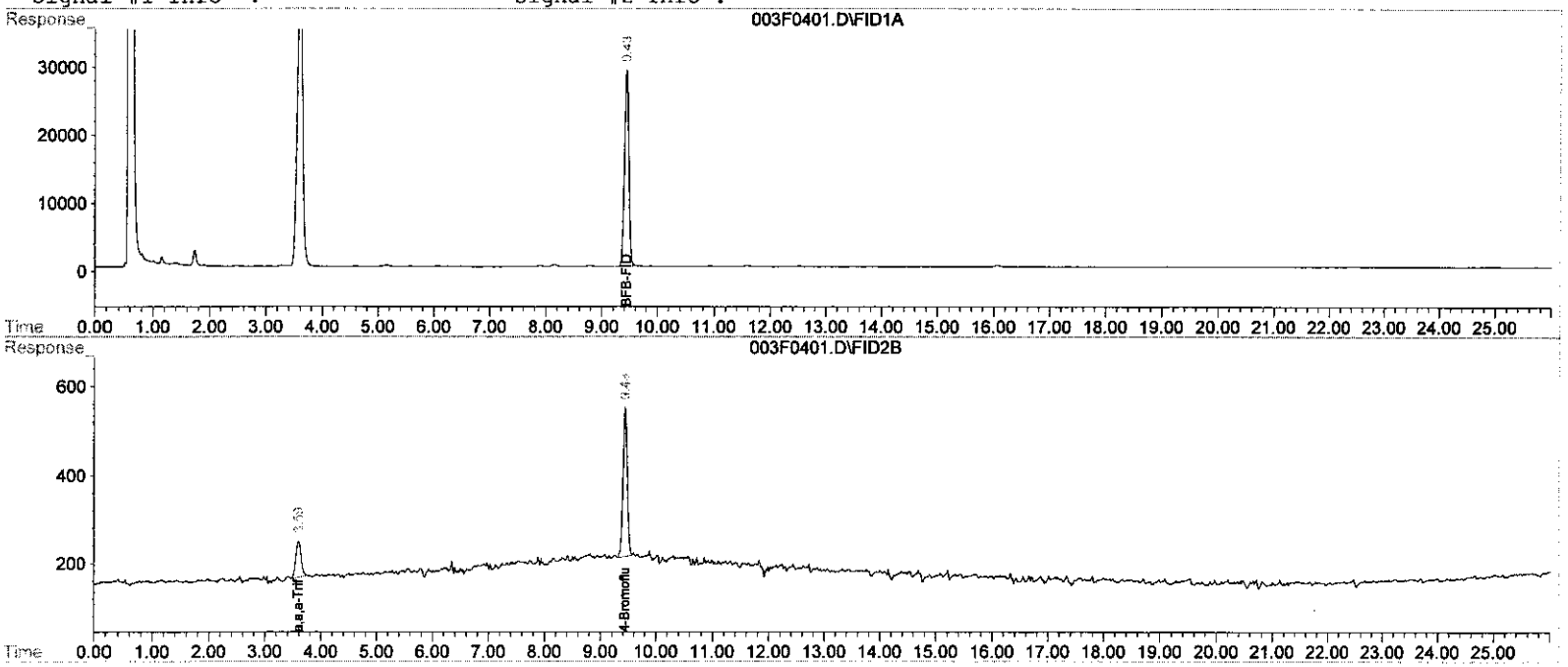
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\003F 01.D\FID1A.CH Vial: 3
Acq On : 25-Jul-2005, 11:46:39 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\003F0401.D\FID2B.CH Vial: 3
Acq On : 25-Jul-05, 11:46:39 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:12 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\004F0501.D\FID1A.CH Vial: 4
Acq On : 25-Jul-2005, 12:18:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\004F0501.D\FID2B.CH Vial: 4
Acq On : 25-Jul-05, 12:18:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5922	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1693030	108.419 ug/L
Spiked Amount 100.000		Recovery =	108.42%
11) S 4-Bromofluorobenzene	9.44	18111	87.268 ug/L
iked Amount 100.000		Recovery =	87.27%
Target Compounds			
1) H T M Gasoline	8.00	39259338	1515.755 ug/L
5) T Methyl-tert-butyl ether	1.36	1020	21.008 ug/L
6) T M Benzene	2.48	5053	23.143 ug/L
7) T M Toluene	5.17	34145	115.753 ug/L
8) T M Ethylbenzene	7.91	7009	22.616 ug/L
9) T M m,p-Xylene	8.16	35791	93.466 ug/L
10) T M o-Xylene	8.79	13238	41.984 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9062	18.211 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	21694	58.681 ug/L
14) T Naphthalene	16.07	1774	12.401 ug/L

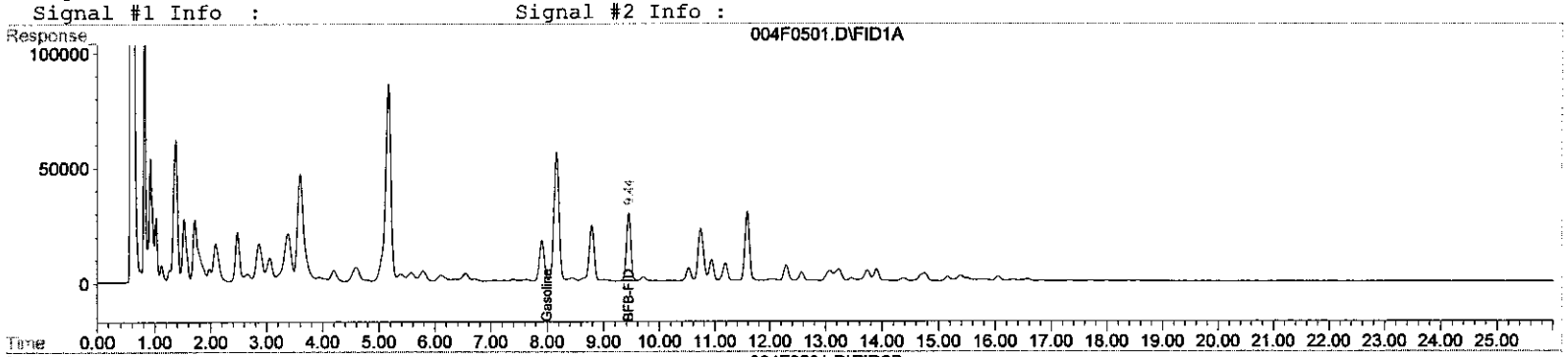
Quantitation Report

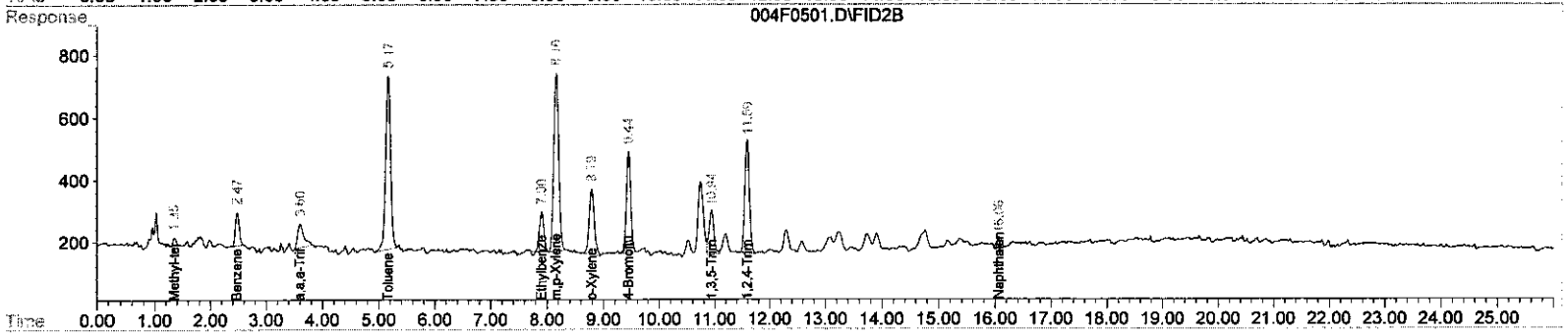
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\004F 1.D\FID1A.CH Vial: 4
Acq On : 25-Jul-2005, 12:18:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\004F0501.D\FID2B.CH Vial: 4
Acq On : 25-Jul-05, 12:18:46 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:17 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\005F0601.D\FID1A.CH Vial: 5
Acq On : 25-Jul-2005, 12:51:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\005F0601.D\FID2B.CH Vial: 5
Acq On : 25-Jul-05, 12:51:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	6068	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1722497	110.311 ug/L
Spiked Amount 100.000		Recovery =	110.31%
11) S 4-Bromofluorobenzene	9.44	19085	89.749 ug/L
iked Amount 100.000		Recovery =	89.75%
Target Compounds			
1) H T M Gasoline	8.00	41986632	1630.524 ug/L
5) T Methyl-tert-butyl ether	1.35	1636	33.175 ug/L
6) T M Benzene	2.48	5755	25.557 ug/L
7) T M Toluene	5.16	36850	121.968 ug/L
8) T M Ethylbenzene	7.91	8178	26.099 ug/L
9) T M m,p-Xylene	8.16	38863	99.198 ug/L
10) T M o-Xylene	8.78	12519	38.673 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	9638	18.902 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	24905	65.883 ug/L
14) T Naphthalene	16.06	1128	9.170 ug/L

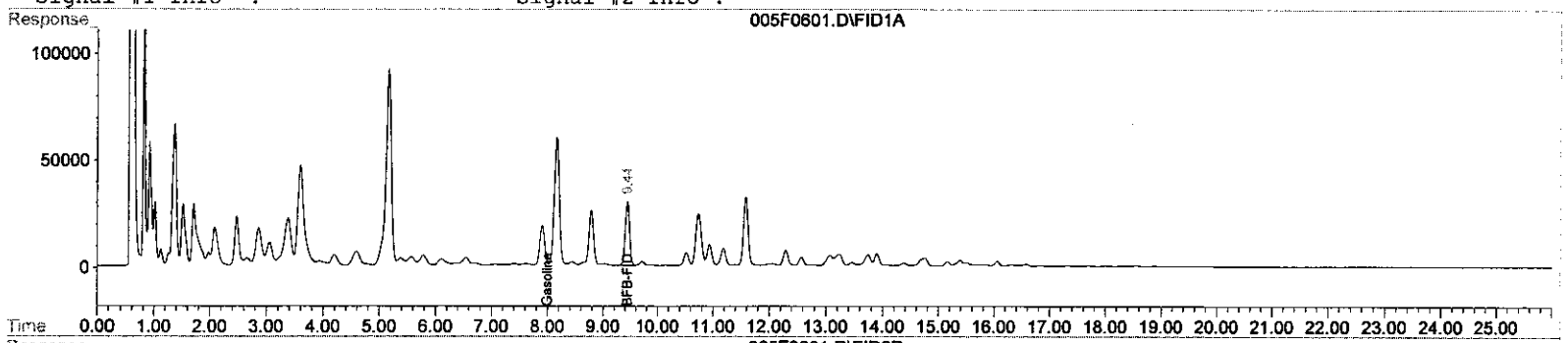
Quantitation Report

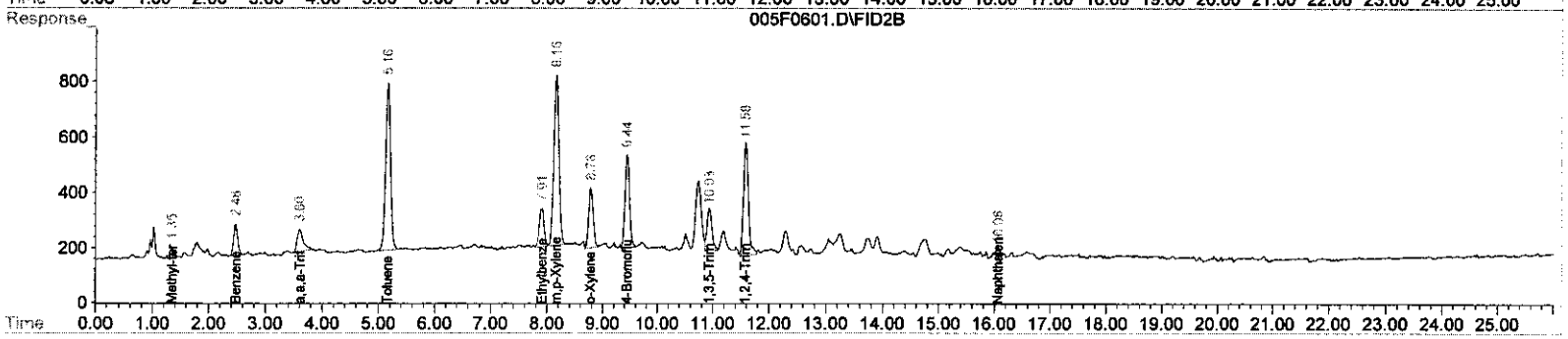
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\005F 01.D\FID1A.CH Vial: 5
Acq On : 25-Jul-2005, 12:51:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\005F0601.D\FID2B.CH Vial: 5
Acq On : 25-Jul-05, 12:51:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:13 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\013F1401.D\FID1A.CH Vial: 13
Acq On : 25-Jul-2005, 17:10:55 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\013F1401.D\FID2B.CH Vial: 13
Acq On : 25-Jul-05, 17:10:55 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4272	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1683293	107.794 ug/L
Spiked Amount 100.000		Recovery =	107.79%
11) S 4-Bromofluorobenzene	9.44	19606	130.952 ug/L
Spiked Amount 100.000		Recovery =	130.95%
Target Compounds			
1) H T M Gasoline	8.00	25319634	929.151 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	3299	21.084 ug/L
7) T M Toluene	5.17	20792	97.547 ug/L
8) T M Ethylbenzene	7.91	4280	18.763 ug/L
9) T M m,p-Xylene	8.16	22406	80.767 ug/L
10) T M o-Xylene	8.79	8272	36.239 ug/L
12) T 1,3,5-Trimethylbenzene	10.95	4670	13.009 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13158	49.154 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

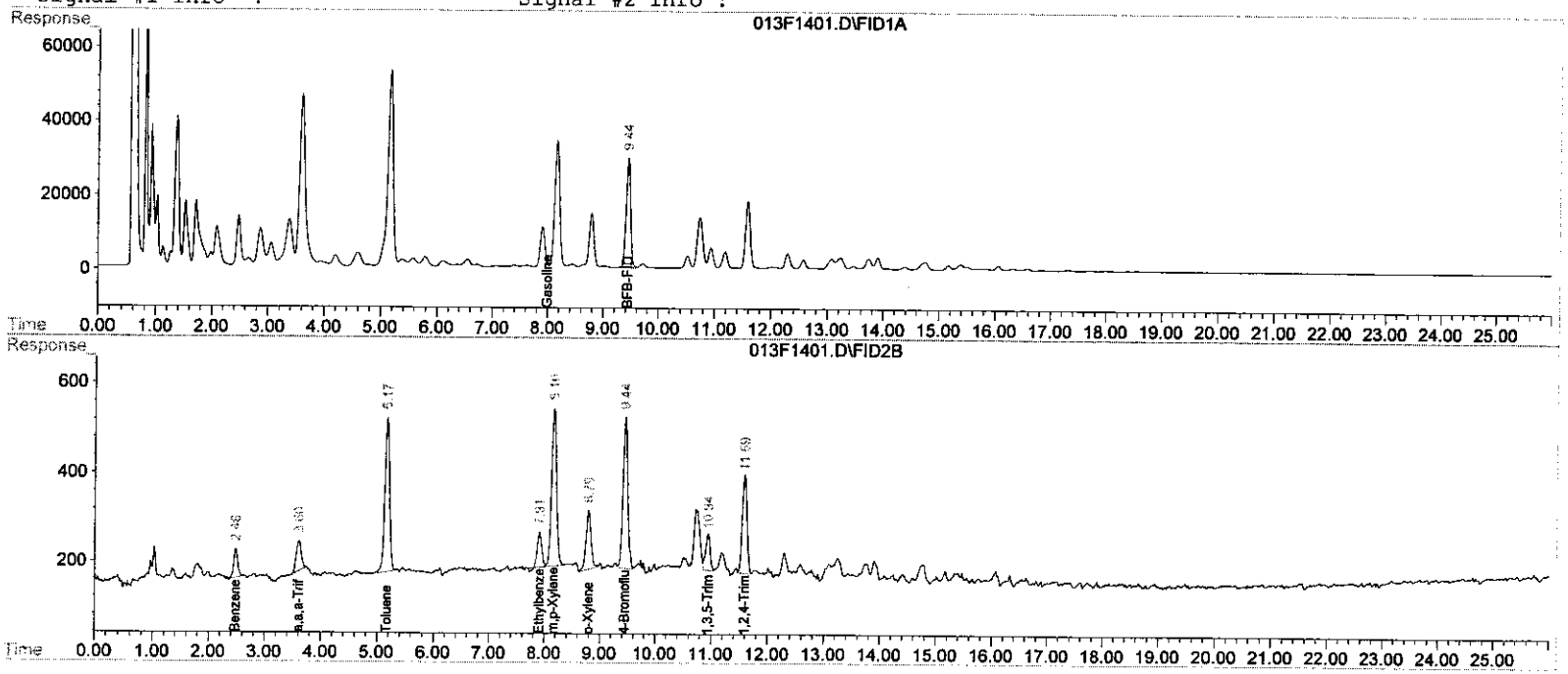
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\0131 J1.D\FID1A.CH Vial: 13
Acq On : 25-Jul-2005, 17:10:55 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\013F1401.D\FID2B.CH Vial: 13
Acq On : 25-Jul-05, 17:10:55 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:21 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\014F1501.D\FID1A.CH Vial: 14
Acq On : 25-Jul-2005, 17:43:03 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\014F1501.D\FID2B.CH Vial: 14
Acq On : 25-Jul-05, 17:43:03 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5045	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1595709	102.171 ug/L
Spiked Amount 100.000		Recovery =	102.17%
11) S 4-Bromofluorobenzene	9.45	18926	107.042 ug/L
Spiked Amount 100.000		Recovery =	107.04%
Target Compounds			
1) H T M Gasoline	8.00	18700550	650.610 ug/L
5) T Methyl-tert-butyl ether	1.34	1775	43.447 ug/L
6) T M Benzene	2.48	9025	46.902 ug/L
7) T M Toluene	5.17	14275	56.293 ug/L
8) T M Ethylbenzene	7.91	12296	49.197 ug/L
9) T M m,p-Xylene	8.17	34853	107.194 ug/L
10) T M o-Xylene	8.79	14007	52.368 ug/L
12) T 1,3,5-Trimethylbenzene	10.93	23398	55.190 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	17386	55.132 ug/L
14) T Naphthalene	16.07	8345	50.854 ug/L

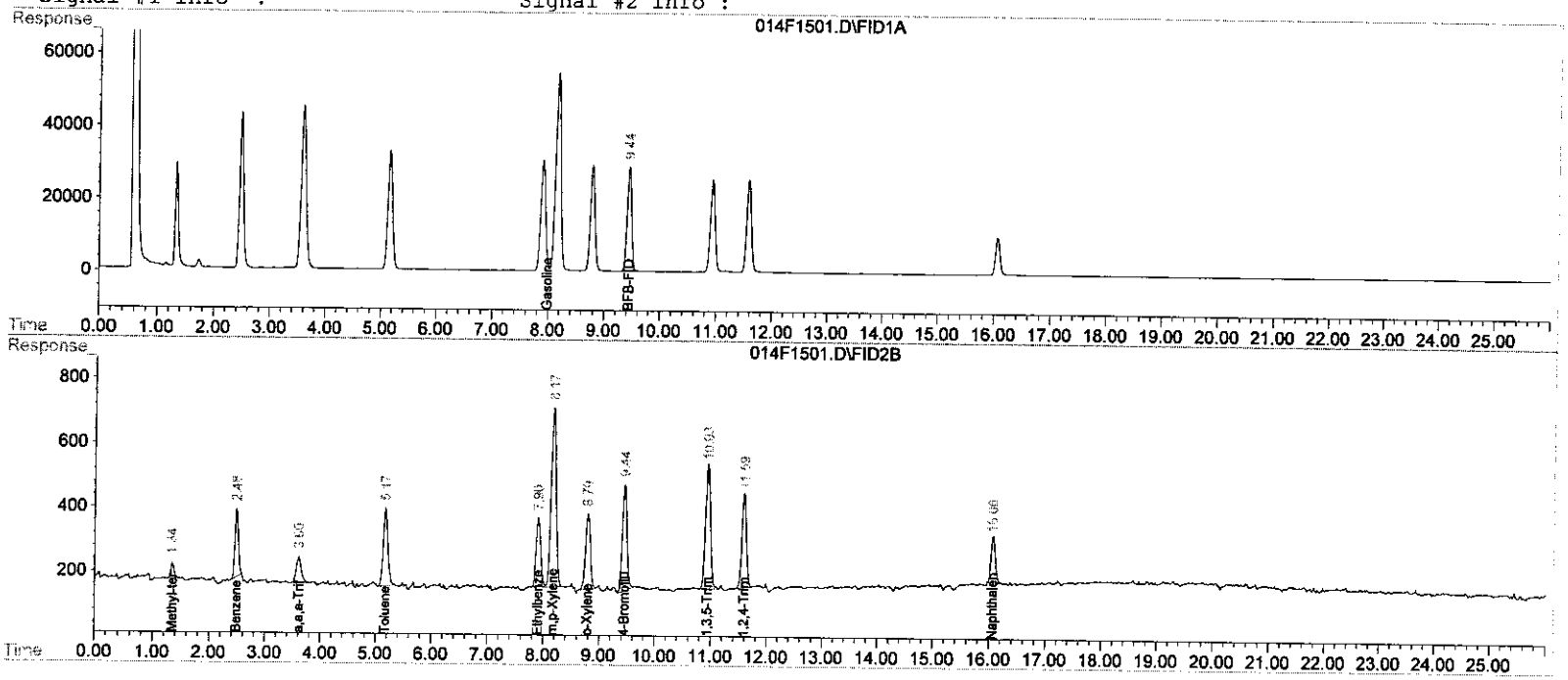
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\014F. .1.D\FID1A.CH Vial: 14
Acq On : 25-Jul-2005, 17:43:03 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\014F1501.D\FID2B.CH Vial: 14
Acq On : 25-Jul-05, 17:43:03 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:25 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\018F1901.D\FID1A.CH Vial: 18
Acq On : 25-Jul-2005, 19:51:29 Operator: RG
Sample : 1702-0747,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\018F1901.D\FID2B.CH Vial: 18
Acq On : 25-Jul-05, 19:51:29 Operator: RG
Sample : 1702-0747,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:29 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : 50X
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4749	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1626376	104.140 ug/L
Spiked Amount 100.000		Recovery =	104.14%
11) S 4-Bromofluorobenzene	9.44	18340	110.182 ug/L
iked Amount 100.000		Recovery =	110.18%
Target Compounds			
1) H T M Gasoline	8.00	19112534	667.946 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	7.91	1327	3.445 ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

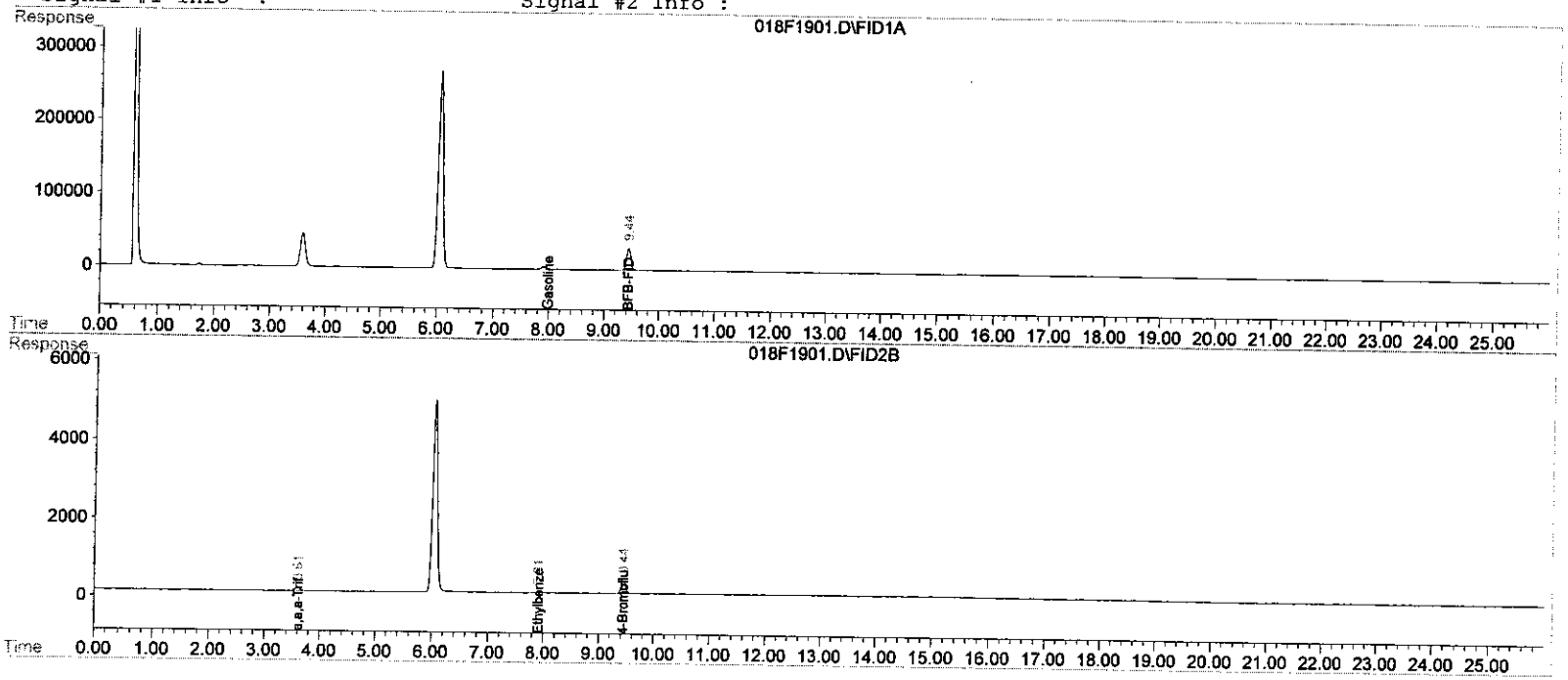
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\018F1901.D\FID1A.CH Vial: 18
Acq On : 25-Jul-2005, 19:51:29 Operator: RG
Sample : 1702-0747,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\018F1901.D\FID2B.CH Vial: 18
Acq On : 25-Jul-05, 19:51:29 Operator: RG
Sample : 1702-0747,,50, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:29 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\019F2001.D\FID1A.CH Vial: 19
Acq On : 25-Jul-2005, 20:23:47 Operator: RG
Sample : 1702-0749,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\019F2001.D\FID2B.CH Vial: 19
Acq On : 25-Jul-05, 20:23:47 Operator: RG
Sample : 1702-0749,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:30 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: 20X
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5126	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1615066	103.414 ug/L
Spiked Amount 100.000		Recovery =	103.41%
11) S 4-Bromofluorobenzene	9.45	18424	102.557 ug/L
iked Amount 100.000		Recovery =	102.56%
Target Compounds			
1) H T M Gasoline	8.00	3768639	22.252 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

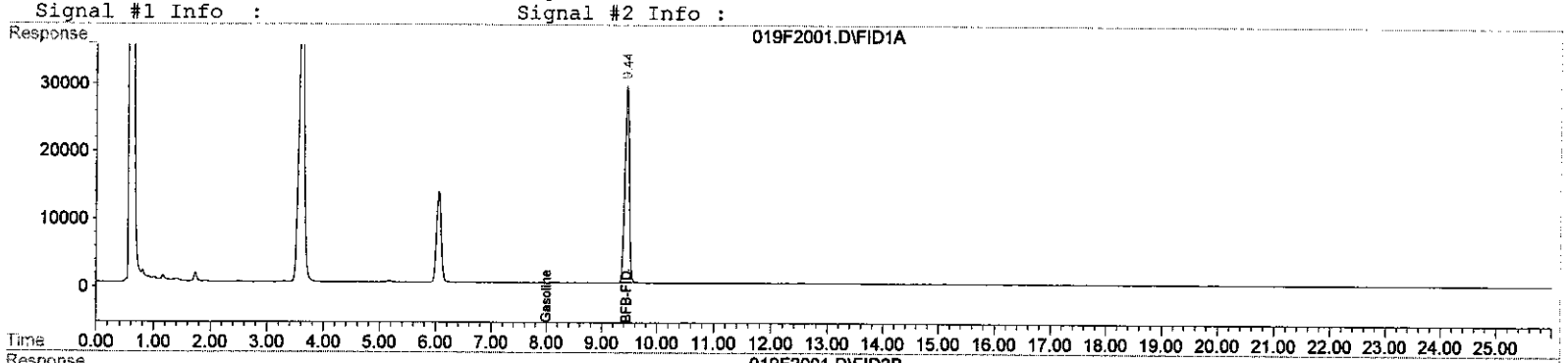
Quantitation Report

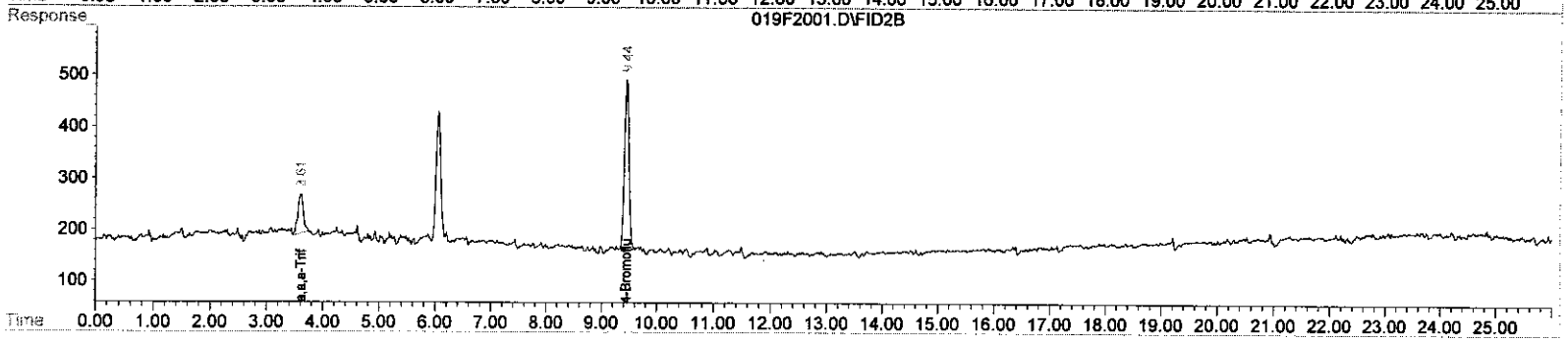
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\019F2001.D\FID1A.CH Vial: 19
Acq On : 25-Jul-2005, 20:23:47 Operator: RG
Sample : 1702-0749,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\019F2001.D\FID2B.CH Vial: 19
Acq On : 25-Jul-05, 20:23:47 Operator: RG
Sample : 1702-0749,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:30 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\020F2101.D\FID1A.CH Vial: 20
Acq On : 25-Jul-2005, 20:56:05 Operator: RG
Sample : 1702-0750,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\020F2101.D\FID2B.CH Vial: 20
Acq On : 25-Jul-05, 20:56:05 Operator: RG
Sample : 1702-0750,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:30 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase: 20X
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4670	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1626156	104.126 ug/L
Spiked Amount 100.000		Recovery =	104.13%
11) S 4-Bromofluorobenzene	9.44	18696	114.231 ug/L
Spiked Amount 100.000		Recovery =	114.23%
Target Compounds			
1) H T M Gasoline	8.00	3028839	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

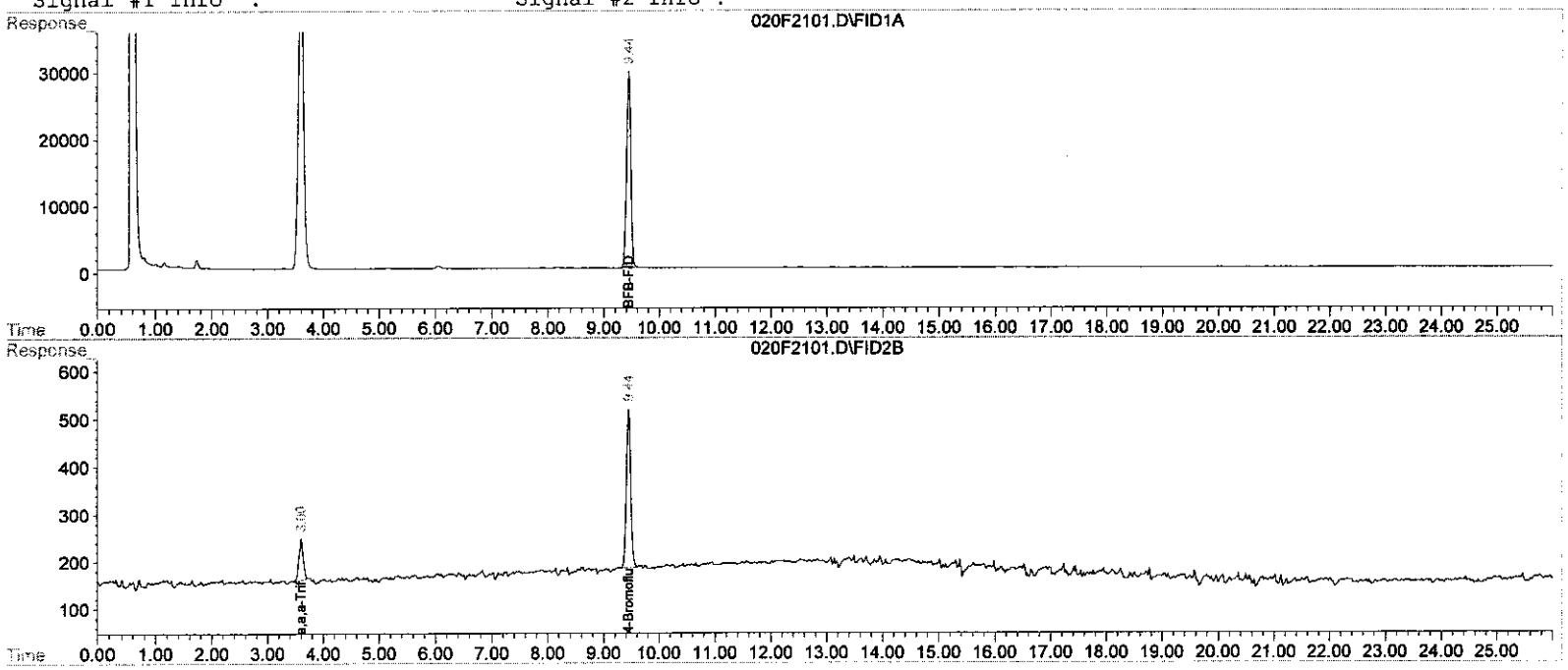
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\020F 1.D\FID1A.CH Vial: 20
Acq On : 25-Jul-2005, 20:56:05 Operator: RG
Sample : 1702-0750,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\020F2101.D\FID2B.CH Vial: 20
Acq On : 25-Jul-05, 20:56:05 Operator: RG
Sample : 1702-0750,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:30 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\021F2201.D\FID1A.CH Vial: 21
Acq On : 25-Jul-2005, 21:28:25 Operator: RG
Sample : 1702-0751,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\021F2201.D\FID2B.CH Vial: 21
Acq On : 25-Jul-05, 21:28:25 Operator: RG
Sample : 1702-0751,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

20X

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4596	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1605968	102.830 ug/L
Spiked Amount 100.000		Recovery =	102.83%
11) S 4-Bromofluorobenzene	9.44	17979	111.626 ug/L m
iked Amount 100.000		Recovery =	111.63%
Target Compounds			
1) H T M Gasoline	8.00	3143586	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

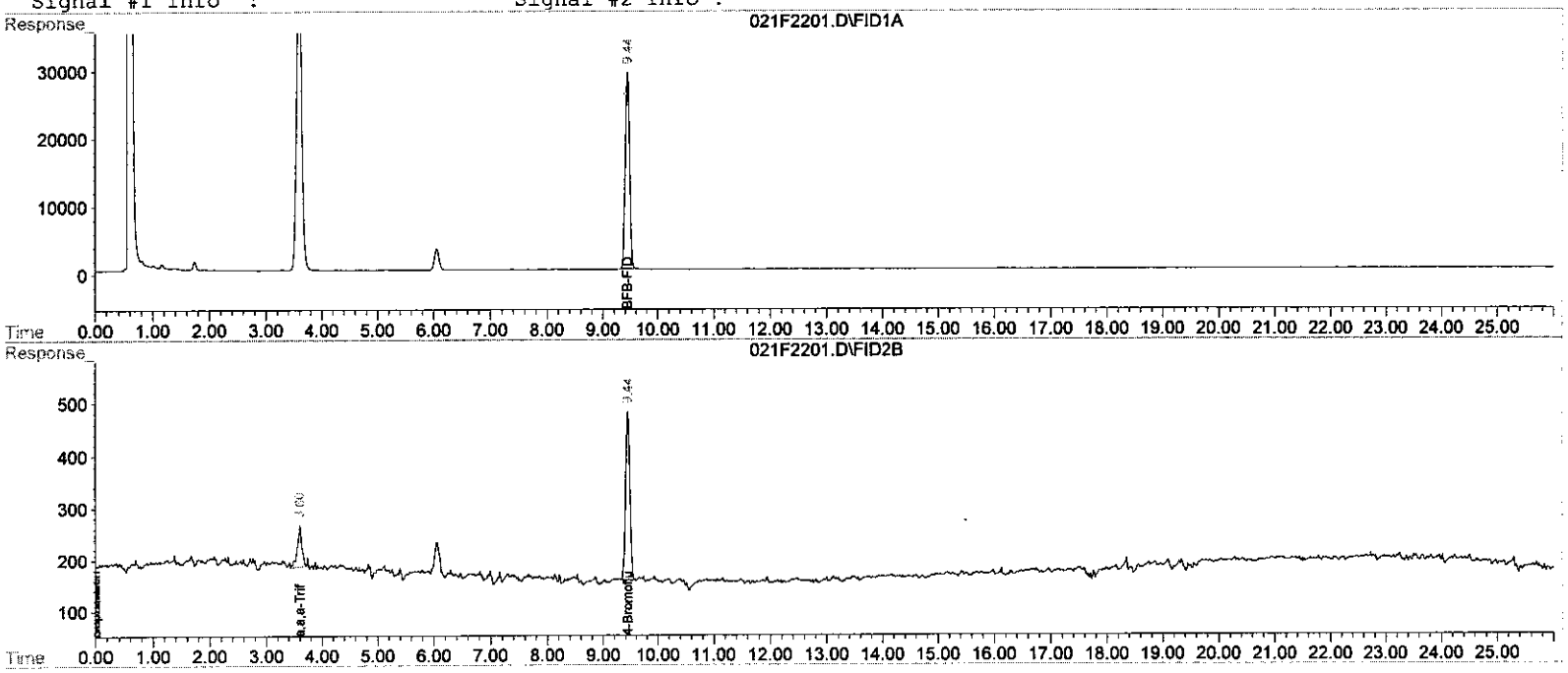
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\021F2201.D\FID1A.CH Vial: 21
Acq On : 25-Jul-2005, 21:28:25 Operator: RG
Sample : 1702-0751,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\021F2201.D\FID2B.CH Vial: 21
Acq On : 25-Jul-05, 21:28:25 Operator: RG
Sample : 1702-0751,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:32 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\022F2301.D\FID1A.CH Vial: 22
Acq On : 25-Jul-2005, 22:00:48 Operator: RG
Sample : 1702-0752,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\022F2301.D\FID2B.CH Vial: 22
Acq On : 25-Jul-05, 22:00:48 Operator: RG
Sample : 1702-0752,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:33 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

20X

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	5361	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1626007	104.116 ug/L
Spiked Amount 100.000		Recovery =	104.12%
11) S 4-Bromofluorobenzene	9.44	18236	97.059 ug/L
Spiked Amount 100.000		Recovery =	97.06%
Target Compounds			
1) H T M Gasoline	8.00	3010702	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

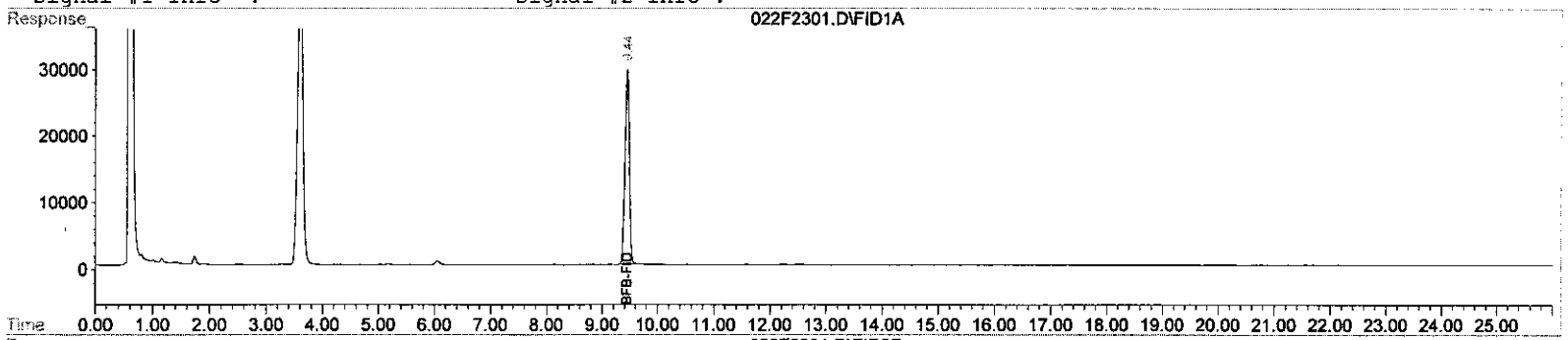
Quantitation Report

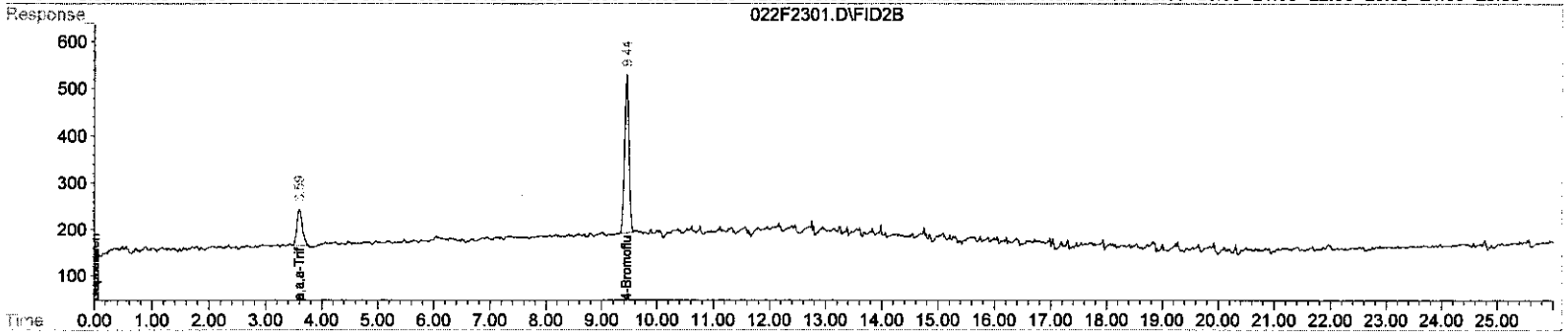
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\022F 01.D\FID1A.CH Vial: 22
Acq On : 25-Jul-2005, 22:00:48 Operator: RG
Sample : 1702-0752,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\022F2301.D\FID2B.CH Vial: 22
Acq On : 25-Jul-05, 22:00:48 Operator: RG
Sample : 1702-0752,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:33 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\023F2401.D\FID1A.CH Vial: 23
Acq On : 25-Jul-2005, 22:33:11 Operator: RG
Sample : 1702-0753,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\023F2401.D\FID2B.CH Vial: 23
Acq On : 25-Jul-05, 22:33:11 Operator: RG
Sample : 1702-0753,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:33 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. : 20x
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4965	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1601610	102.550 ug/L
Spiked Amount 100.000		Recovery =	102.55%
11) S 4-Bromofluorobenzene	9.45	17987	103.365 ug/L
iked Amount 100.000		Recovery =	103.37%
Target Compounds			
1) H T M Gasoline	8.00	2923298	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

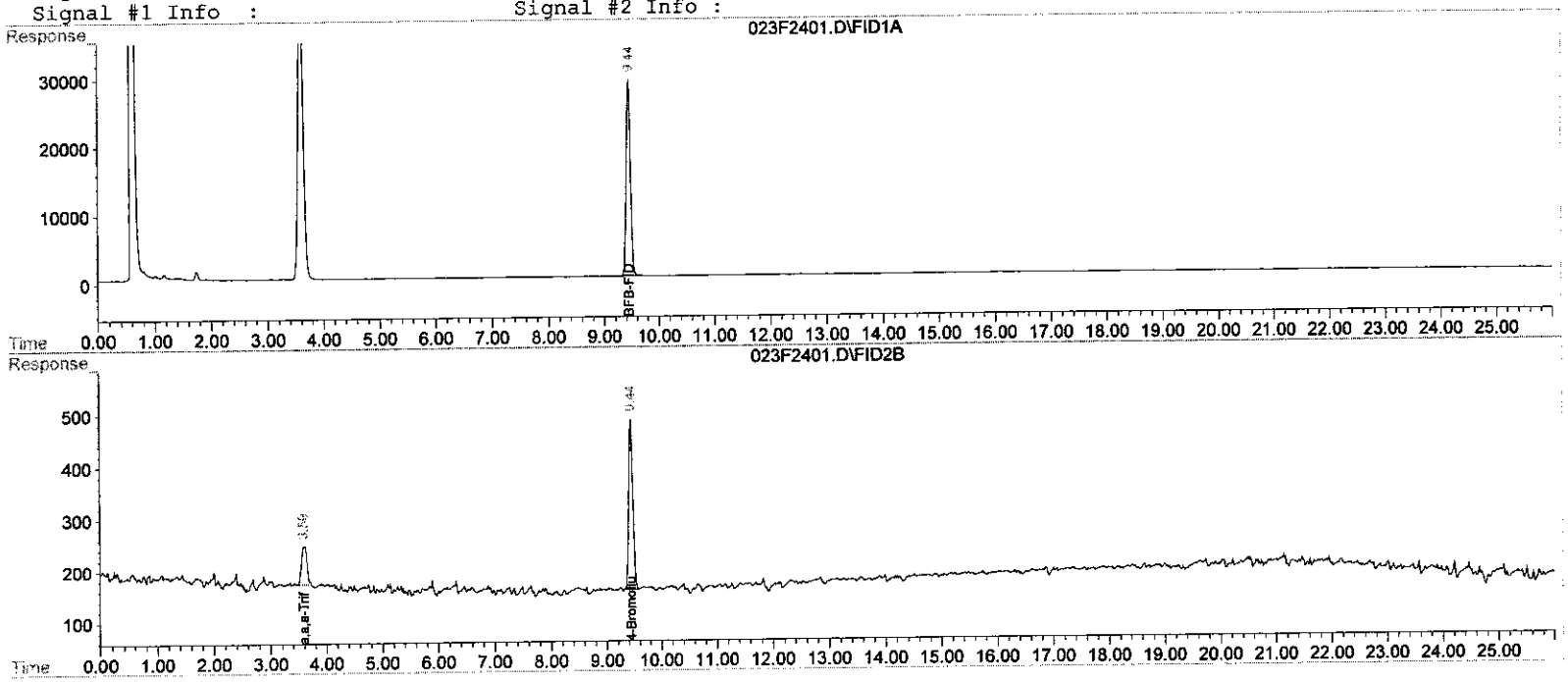
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\023F2..1.D\FID1A.CH Vial: 23
Acq On : 25-Jul-2005, 22:33:11 Operator: RG
Sample : 1702-0753,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\023F2401.D\FID2B.CH Vial: 23
Acq On : 25-Jul-05, 22:33:11 Operator: RG
Sample : 1702-0753,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:33 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\024F2501.D\FID1A.CH Vial: 24
Acq On : 25-Jul-2005, 23:05:37 Operator: RG
Sample : 1702-0754,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\024F2501.D\FID2B.CH Vial: 24
Acq On : 25-Jul-05, 23:05:37 Operator: RG
Sample : 1702-0754,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:34 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

20X

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5650	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1620237	103.746 ug/L
Spiked Amount 100.000		Recovery =	103.75%
11) S 4-Bromofluorobenzene	9.44	16664	84.162 ug/L
iked Amount 100.000		Recovery =	84.16%
Target Compounds			
1) H T M Gasoline	8.00	2957251	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	11.54	970	1.671 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

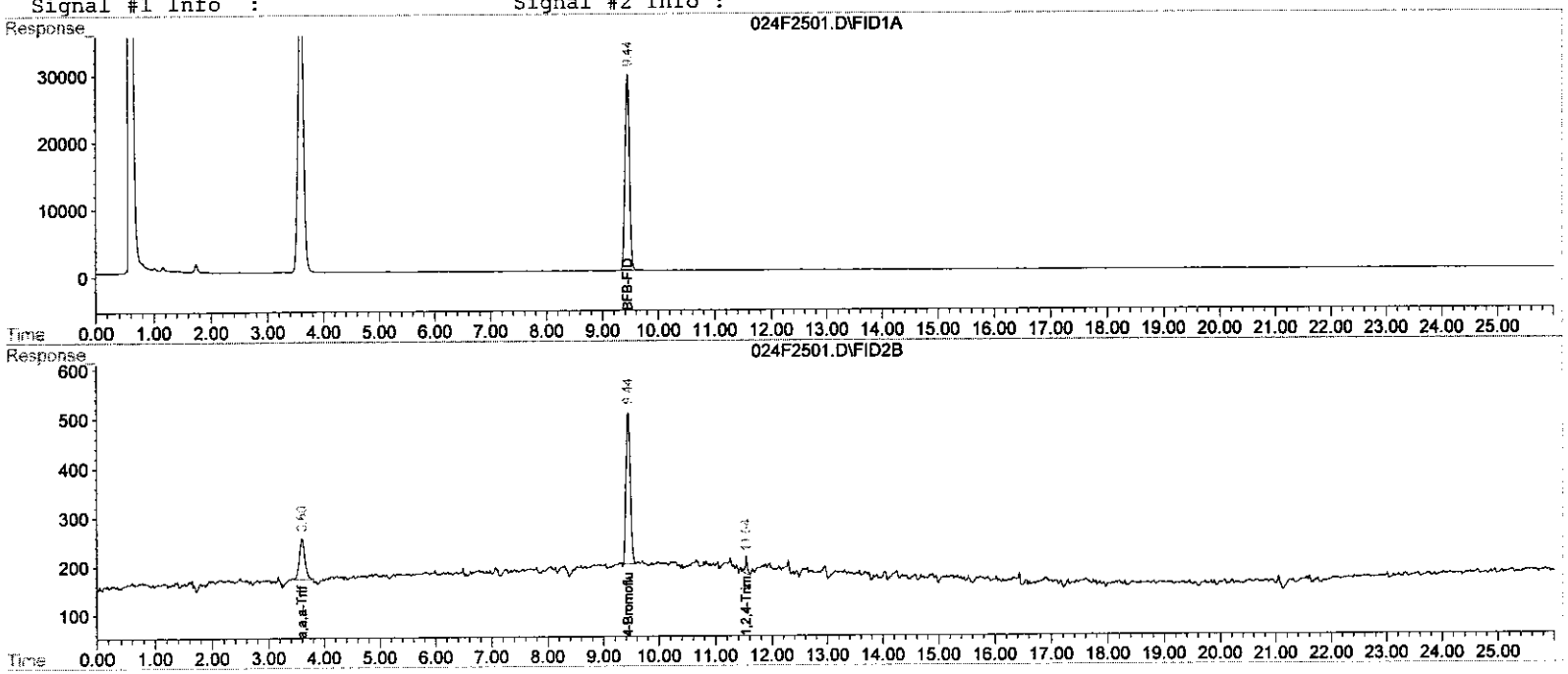
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\024F. .1.D\FID1A.CH Vial: 24
Acq On : 25-Jul-2005, 23:05:37 Operator: RG
Sample : 1702-0754,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\024F2501.D\FID2B.CH Vial: 24
Acq On : 25-Jul-05, 23:05:37 Operator: RG
Sample : 1702-0754,,20, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:34 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\025F2601.D\FID1A.CH Vial: 25
Acq On : 25-Jul-2005, 23:38:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\025F2601.D\FID2B.CH Vial: 25
Acq On : 25-Jul-05, 23:38:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:34 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4706	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1657547	106.141 ug/L
Spiked Amount 100.000		Recovery =	106.14%
11) S 4-Bromofluorobenzene	9.44	19133	116.009 ug/L
Spiked Amount 100.000		Recovery =	116.01%
Target Compounds			
1) H T M Gasoline	8.00	25070938	918.685 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.48	4217	24.227 ug/L
7) T M Toluene	5.17	20759	88.315 ug/L
8) T M Ethylbenzene	7.91	4470	17.660 ug/L
9) T M m,p-Xylene	8.16	22724	74.155 ug/L
10) T M o-Xylene	8.79	8105	32.128 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5442	13.762 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	13429	45.458 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

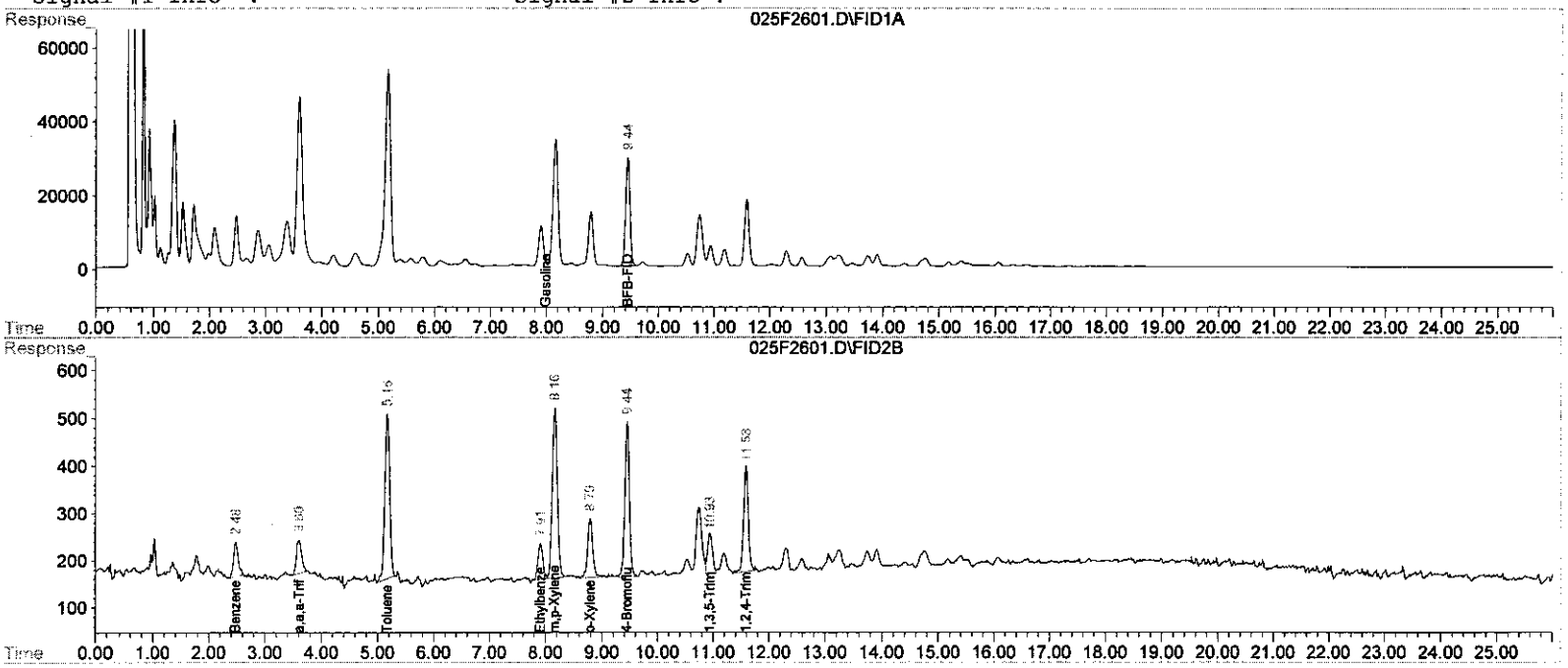
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\025F2601.D\FID1A.CH Vial: 25
Acq On : 25-Jul-2005, 23:38:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\025F2601.D\FID2B.CH Vial: 25
Acq On : 25-Jul-05, 23:38:25 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:34 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\026F2701.D\FID1A.CH Vial: 26
Acq On : 26-Jul-2005, 00:10:31 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\026F2701.D\FID2B.CH Vial: 26
Acq On : 26-Jul-05, 00:10:31 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	5380	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1595395	102.151 ug/L
Spiked Amount 100.000		Recovery =	102.15%
11) S 4-Bromofluorobenzene	9.44	17773	94.265 ug/L
iked Amount 100.000		Recovery =	94.27%
Target Compounds			
1) H T M Gasoline	8.00	19198809	671.577 ug/L
5) T Methyl-tert-butyl ether	1.35	2936	67.655 ug/L
6) T M Benzene	2.48	10170	49.480 ug/L
7) T M Toluene	5.17	14122	52.153 ug/L
8) T M Ethylbenzene	7.91	14637	55.208 ug/L
9) T M m,p-Xylene	8.17	37467	108.088 ug/L
10) T M o-Xylene	8.79	15701	55.099 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	24764	54.778 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	18454	54.871 ug/L
14) T Naphthalene	16.07	9084	51.835 ug/L

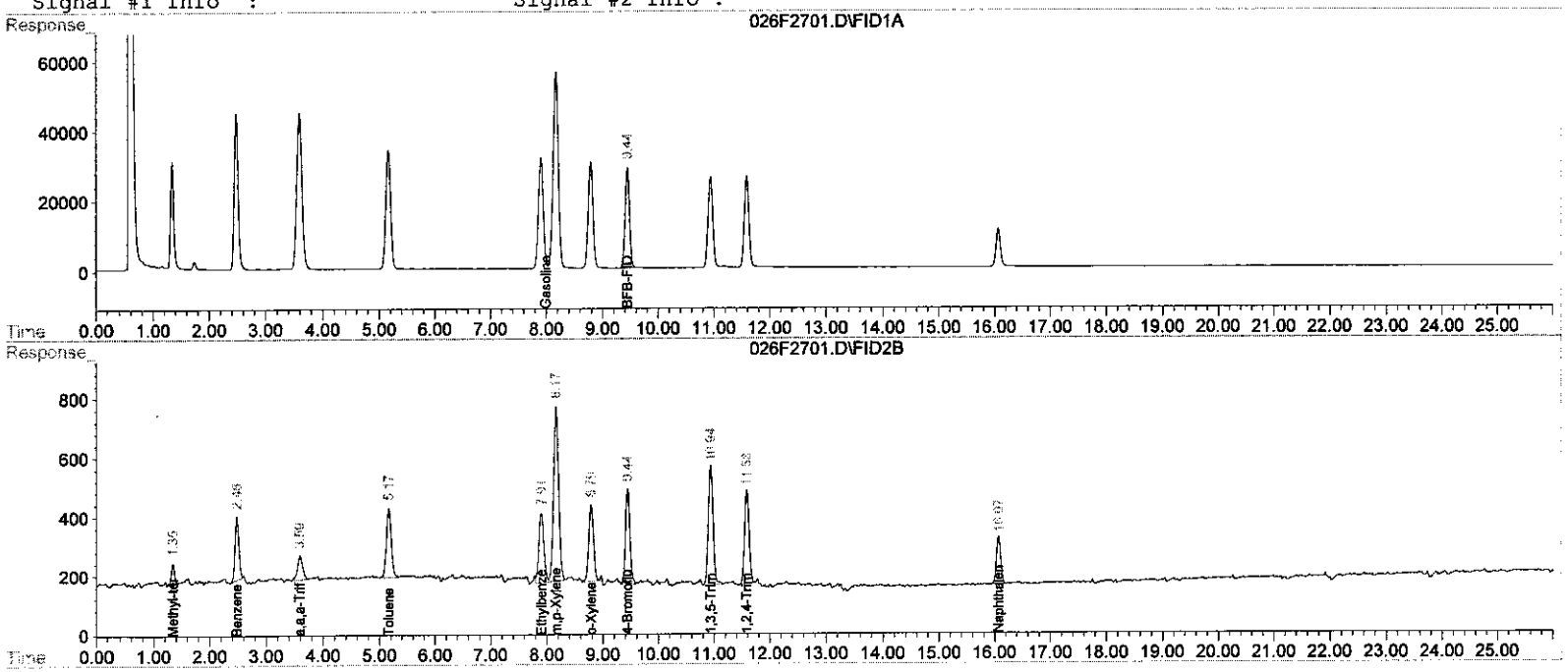
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\026F2 1.D\FID1A.CH Vial: 26
Acq On : 26-Jul-2005, 00:10:31 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050725\026F2701.D\FID2B.CH Vial: 26
Acq On : 26-Jul-05, 00:10:31 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Jul 26 9:35 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



P.O. Box 325, San German, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	LCS	2050	N/A	2901029	29	Aqueous	10	07-21-05	[illegible]	
2	05-1665	0507-0583		PQ-3-SW-1	3001030	30					
3		-0584		-4- -2	3101031	31					
4		-0585		-A	3201032	32					
5		-0586		-5- -3	3301033	33					
6		-0587		-6- -4	3401034	34					
7	①	①-0588		①-7- ①-5	3501035	35					
8	N/A	1000CCV		N/A	3601036	36					
9	05-1665	0507-0589		PQ-8-SW-6	3701037	37					
10	①	-0590		DW-6-SW-7	3801038	38					
11	05-1679	-0669		PQ-24-SW-8	3901039	39					
12	①	-0670		① -B	4001040	40					
13	05-1702	-0747		SLET-MW-6	4101041	41					
14	①	①-0748	①	① -B	4201042	42	①	①	①	①	

Surrogate ID: SDG1-1-011C LCS/MS/MSD Spike ID: SDG1-1-007A ICV/CCV Spike ID: SSU-1008 DCM ID: Lot. 042008

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

N/A [illegible] 07-21-05
① [illegible] 07-21-05

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1702	0507-0749	2050	JLEI-MW-7	4301043	43	Aqueous	10	07-21-05	[illegible]	
2		-0750		8	4401044	44					
3		-0751		9	4501045	45					
4	↓	↓ -0752		↓ 10	4601046	46					
5	N/A	1000CCC		N/A	4701047	47					
6	05-1702	0507-0753		JLEI-MW11	4801048	48					
7		-0754		↓ 12	4901049	49					
8		-0755		EB	5001050	50					
9	↓	-0756		FB	5101051	51					
10	05-1679	-1CLAC		PD-24-SLO-B	5201052	52					MS
11	↓	↓ -0670	↓	↓	5301053	53	↓	↓			MSD
12	N/A	MB	2046	N/A	5401054	54	Soil	1			
13	↓	LCS		↓	5501055	55					
14	05-1671	0507-0632	↓	OR-01	5601056	56	↓	↓	↓	↓	

Surrogate ID: SOCL-1-011C LCS/MS/MSD Spike ID: SOCL-1-007A ICV/CCV Spike ID: SLSO-1-028 DCM ID: Lot. 042008

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

[illegible] 07-21-05 ↓ 07-21-05 N/A [illegible] 07-21-05

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 5

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1671	0507-0633	2046	OR-02 ~~PD-31-SLU-9~~	5701001	57	Soil	2x	07-01-05	VR	
2		1000CCV		N/A	5801002	58		1			
3		0507-0634		OR-03	5901003	59					
4		-0635		OR-04	6001004	60					
5		-0636		OR-05	6101005	61					
6		-0637		OR-06	6201006	62					
7		-0638		OR-01	6301007	63					MS
8	↓②	② -0638	↓②	↓②	6401008	64	↓②	↓②			MSD
9	N/A	MB	2079	N/A	6501009	65	Aqueous	10			
10	↓②	LCS		↓②	6601010	66					
11	05-1678	0507-0663		PD-31-SLU-9	6701011	67					
12		1000CCV		N/A	6801012	68					
13		0507-0664		PD-31-SLU-C	6901013	69					
14	↓②	② -0665	↓②	↓② -30 ② ↓ -10	7001014	70	↓②	↓②	↓②	↓②	

Surrogate ID: SXX-1-011C LCS/MS/MSD Spike ID: SXX-1-007A ICV/CCV Spike ID: SSD-1-008 DCM ID: Hal. 042008

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: Hal. X21828

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID: N/A

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

N/A VR 07-22-05 ① 07-22-05 ② VR 07-22-05

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG (MODIFIED)

Book # 3

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	05-1671	0707-0630	2049	07-18-05	K.H.	30 mL	3	10	
2	↓	-0631	↓	↓	↓	↓	↓	↓	
3	05-1679	-0671	↓	↓	↓	↓	↓	↓	
4	↓	-0672	↓	↓	↓	↓	↓	↓	
5	05-1678	-0666	↓	↓	↓	↓	↓	↓	
6	↓	-0667	↓	↓	↓	↓	↓	↓	
7	~~05-1679~~	~~-0669~~							
8		~~-0670~~							
9	05-1678	~~HB0668~~							
10	↓	↓ -0667	↓						
11	N/A	MB	2050						MS
12	↓	LCS							MSD
13	05-1702	0707-0747							
14		-0748							
15		-0749							
16		-0750							
17		-0751							
18		-0752							
19		-0753							
20		-0754							
21		-0755							
22	↓	-0756							
24	05-1665	-0583							
25	↓	↓ 0584	↓	↓	↓	↓	↓	↓	

EEP 07-18-

Reagents:

DI Water Batch No.: N/A

Methylene Chloride (DCM): Mfg: Fisher Lot: 042008 Exp. Date: 01-10

Sodium Sulfate: Mfg: Fisher Lot: 050634 Exp. Date: 06-10

Surrogate ID: SOGC-1-011C LCS/MS/MSD ID: SOGC-1-007A

Spike Witness: JC

VERIFIED AND APPROVED BY: S Cattell

DATE: 7/18/05

① 07-18-05 N/A 07-18-05

Book # 3

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	05-1665	0587-0585	2050	07-18-05	K.U.	30 ml	3	10	
2		-0586							
3		-0587							
4		-0588							
5		-0589							
6		-0590							
7	05-1679	-0670							
8		-0669							
9		-0670							
10		-0670							MS
11									MSD
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
24									
25									

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: Fisher Lot: 042008 Exp. Date: 01-10
Sodium Sulfate: Mfg: Fisher Lot: 050624 Exp. Date: 06-10
Surrogate ID: SUGC-1-011C LCS/MS/MSD ID: SUGC-1-009A

Spike witness: JC 07-18-05

VERIFIED AND APPROVED BY: J Caldwell

DATE: 7/18/05

07-18-05 07-18-05 07-18-05

Form # 1 / PR-O-002 / Rev. 0 / October 25, 2004

Data File Name **2901029.D**
Date Acquired **21 Jul 2005 3:31**
Method File **DROFID3.M**
Sample Name **lcs 2050**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	27.97	25	112	80-144	Pass
Diesel Range Organics	1062.23	1000	106	70 - 130	Pass

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

on-Spiked Sample: 4001040.D

	Spike Sample	Spike Duplicate Sample
File ID :	5201052.D	5301053.D
Sample :	0507-0670 ms	0507-0670 msd
Acq Time:	21 Jul 2005 13:22	21 Jul 2005 13:48

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	2.3	1000	1024	1051	102	105	3	20	70-130

- Fails Limit Check

050331.M Fri Jul 22 10:54:56 2005 MSAD1

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\2501025.D Vial: 25
Acq On : 21 Jul 2005 1:48 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:14 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

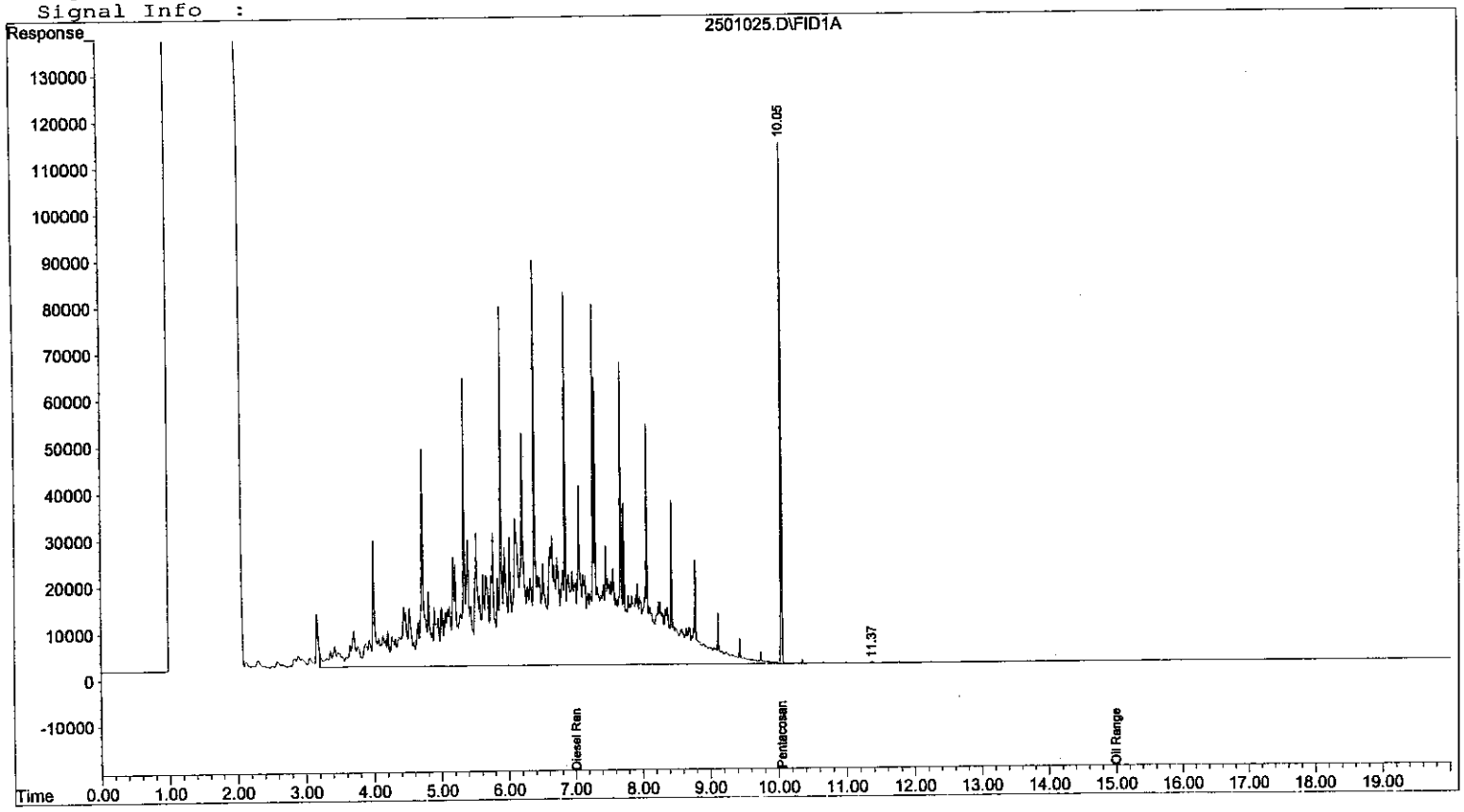
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1173333	29.380 mg/L 118%
Spiked Amount 25.000 Range 80 - 144		Recovery =	117.52%
Target Compounds			
2) H M Diesel Range Organics	7.00	45374083	1113.259 mg/L 111%
3) H Oil Range Organics	15.00	28967	0.711 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 720\2501025.D Vial: 25
Acq On : 21 Jul 2005 1:48 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:14 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\2801028.D Vial: 28
Acq On : 21 Jul 2005 3:05 Operator: KMI
Sample : mb 2050 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:15 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1192974	29.872 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	119.49% 119%
Target Compounds			
2) H M Diesel Range Organics	7.00	63295	1.553 mg/L
3) H Oil Range Organics	15.00	52956	1.299 mg/L

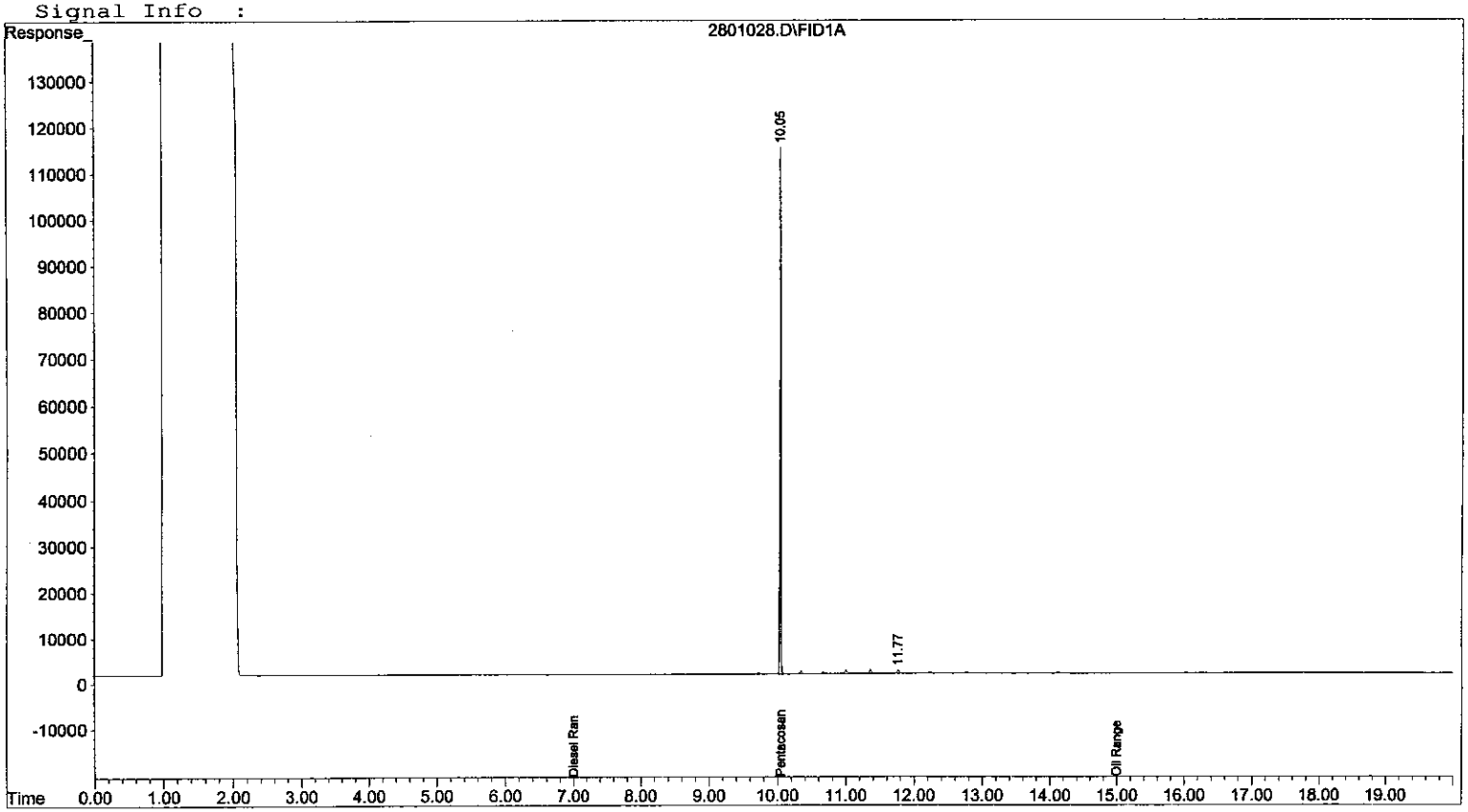
(f)=RT Delta > 1/2 Window (m)=manual int.
2801028.D 050331.M Thu Jul 21 13:15:53 2005 MSAD1 Page 1

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0' '20\2801028.D Vial: 28
Acq On : 21 Jul 2005 3:05 Operator: KMI
Sample : mb 2050 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:15 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\2901029.D Vial: 29
Acq On : 21 Jul 2005 3:31 Operator: KMI
Sample : lcs 2050 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:16 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

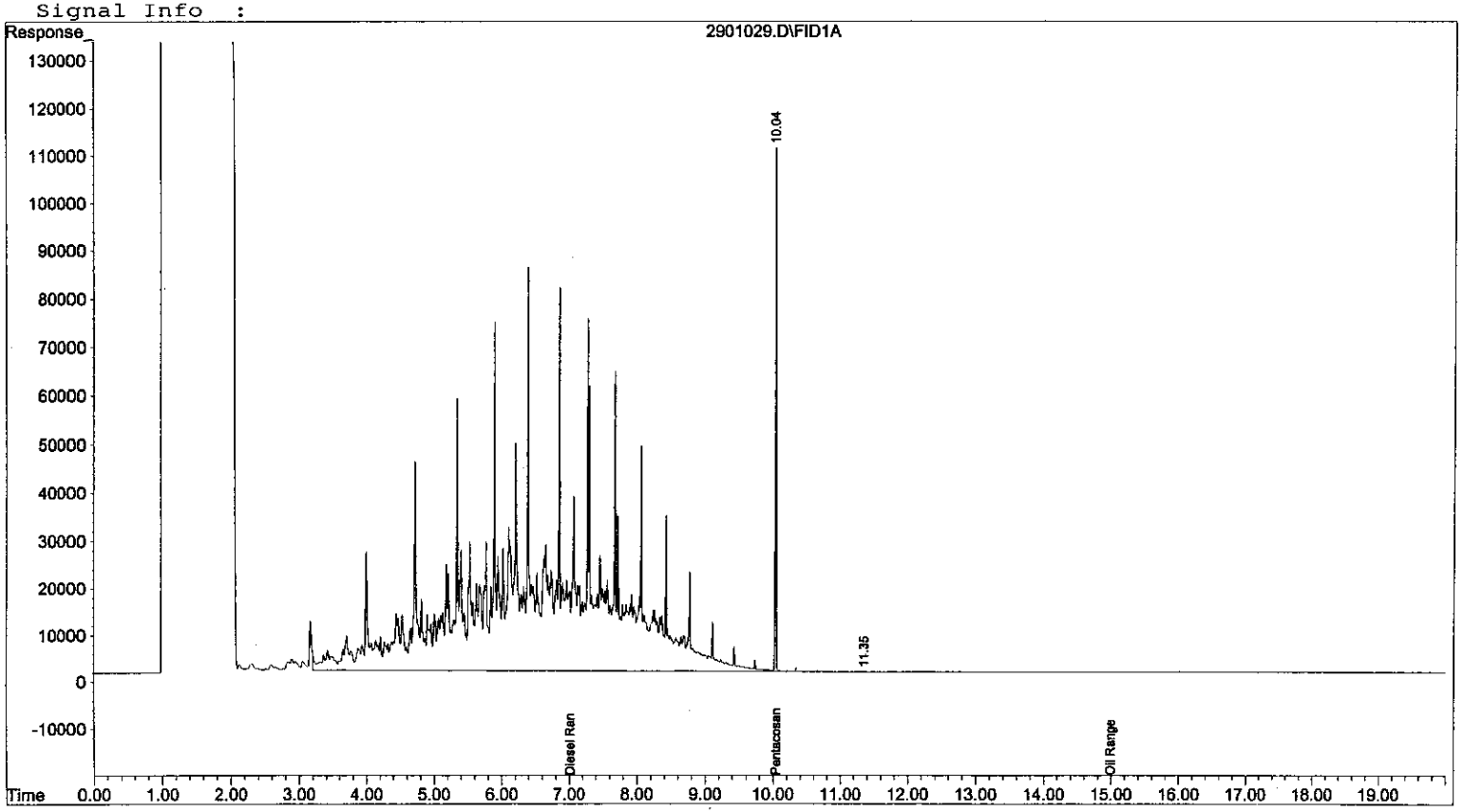
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1116878	27.966 mg/L 112%
Spiked Amount 25.000 Range 80 - 144		Recovery =	111.86%
Target Compounds			
2) H M Diesel Range Organics	7.00	43294083	1062.226 mg/L 106%
3) H Oil Range Organics	15.00	16779	0.412 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 '20\2901029.D Vial: 29
Acq On : 21 Jul 2005 3:31 Operator: KMI
Sample : lcs 2050 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:16 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\3601036.D Vial: 36
Acq On : 21 Jul 2005 6:30 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:17 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1197961	29.996 mg/L 120%
Spiked Amount 25.000 Range 80 - 144		Recovery =	119.98%
Target Compounds			
2) H M Diesel Range Organics	7.00	46282939	1135.558 mg/L 114%
3) H Oil Range Organics	15.00	31663	0.777 mg/L

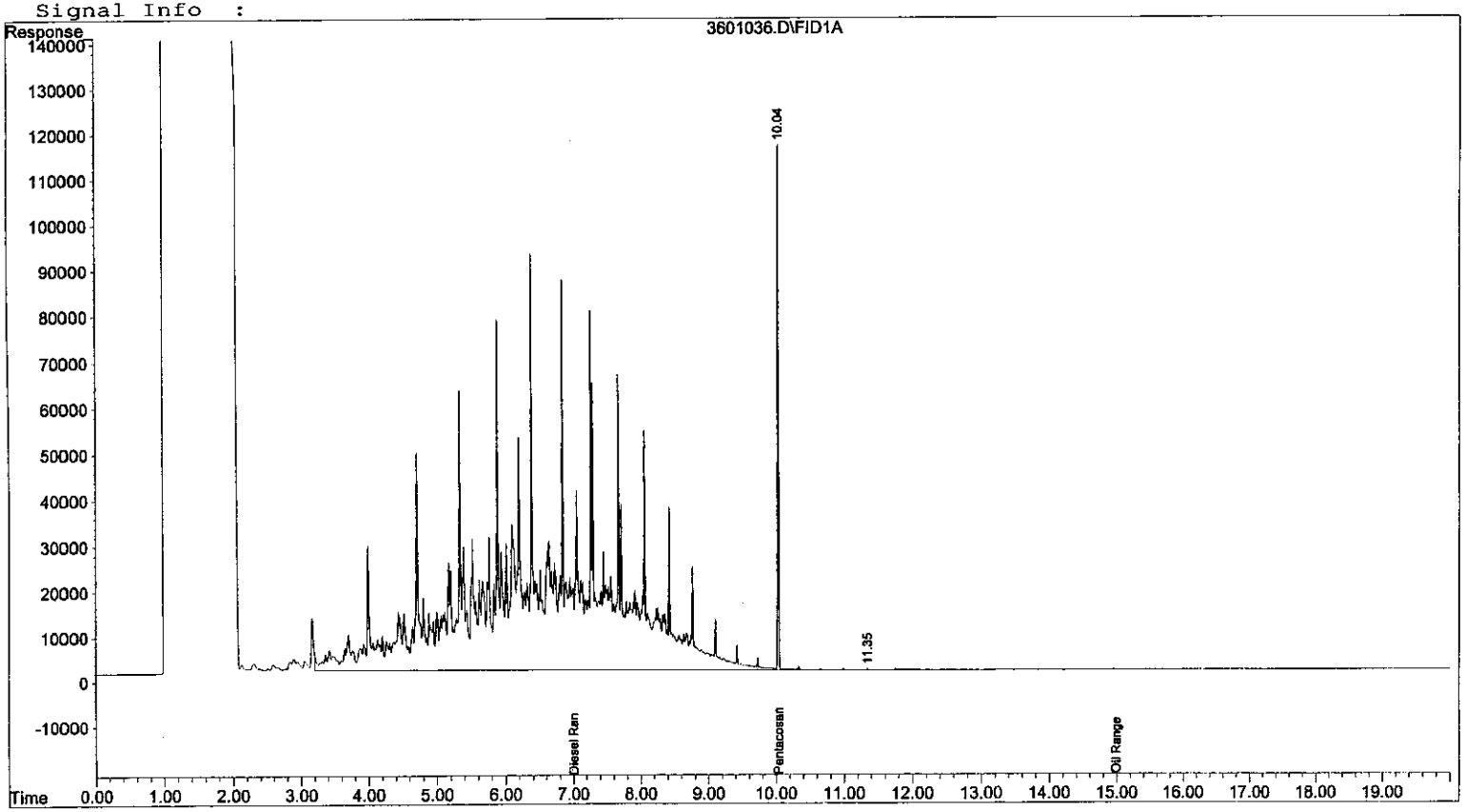
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

```
Da    File : O:\ORGANICS\HPCHEM\FID-003\DATA\0   20\3601036.D Vial: 36
Acq On     : 21 Jul 2005   6:30                        Operator: KMI
Sample     : 1000 ccv                                  Inst    : FID3
Misc       :                                           Multiplr: 1.00
IntFile    : EVENTS.E
Quant Time: Jul 21 14:17 19105  Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title        :
Last Update  : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj.  :
Signal Phase :
Signal Info  :
```



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4001040.D Vial: 40
Acq On : 21 Jul 2005 8:13 Operator: KMI
Sample : 0507-0670 Inst : FID3
Misc : PD-24-SW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:18 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1252873	31.371 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	125.48% 125%
Target Compounds			
2) H M Diesel Range Organics	7.00	92040	2.258 mg/L
3) H Oil Range Organics	15.00	54272	1.332 mg/L

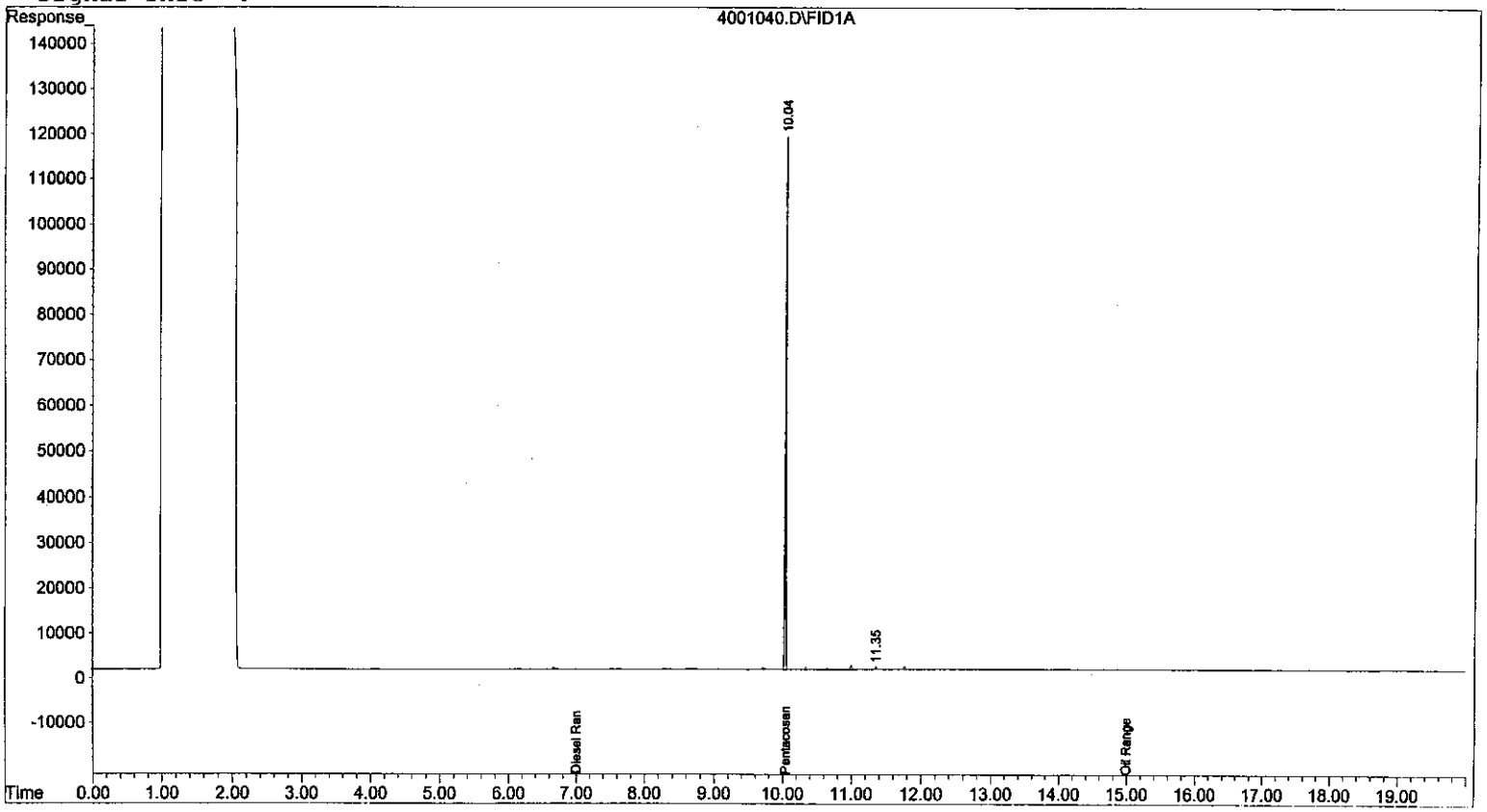
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0' '20\4001040.D Vial: 40
Acq On : 21 Jul 2005 8:13 Operator: KMI
Sample : 0507-0670 Inst : FID3
Misc : PD-24-SW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:18 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4101041.D Vial: 41
Acq On : 21 Jul 2005 8:38 Operator: KMI
Sample : 0507-0747 Inst : FID3
Misc : JLEI-MW-6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1137054	28.471 mg/L m
Spiked Amount 25.000 Range 80 - 144		Recovery =	113.88% 114%
Target Compounds			
2) H M Diesel Range Organics	7.00	64806172	1590.027 mg/L ~~159~~ 160 0 mg/L
3) H Oil Range Organics	15.00	6571898	161.242 mg/L 16.0 mg/L

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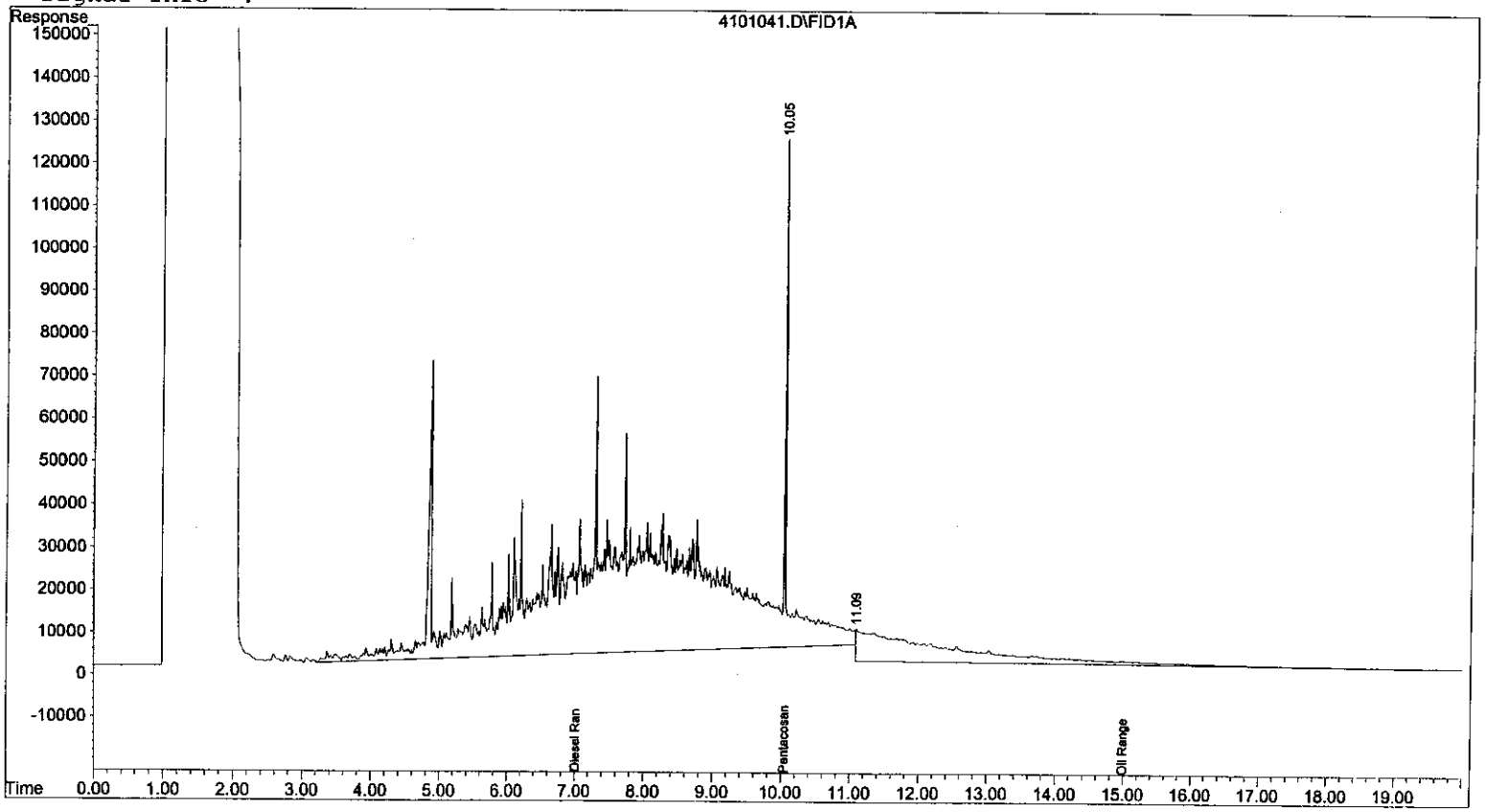
(f)=RT Delta > 1/2 Window (m)=manual int.
4101041.D 050331.M Thu Jul 21 13:26:17 2005 MSAD1 Page 1

Quantitation Report

D. File : O:\ORGANICS\HPCHEM\FID-003\DATA\(720\4101041.D Vial: 41
Acq On : 21 Jul 2005 8:38 Operator: KMI
Sample : 0507-0747 Inst : FID3
Misc : JLEI-MW-6 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4201042.D Vial: 42
Acq On : 21 Jul 2005 9:04 Operator: KMI
Sample : 0507-0748 Inst : FID3
Misc : JLEI-MW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1102214	27.599 mg/L m/
Spiked Amount 25.000 Range 80 - 144 Recovery = 110.40% 110%			
Target Compounds			
2) H M Diesel Range Organics	7.00	37891179	929.665 mg/L ~~930.0~~ 93.0 mg/L
3) H Oil Range Organics	15.00	3922594	96.241 mg/L 9.6 mg/L

pr
07-21-05

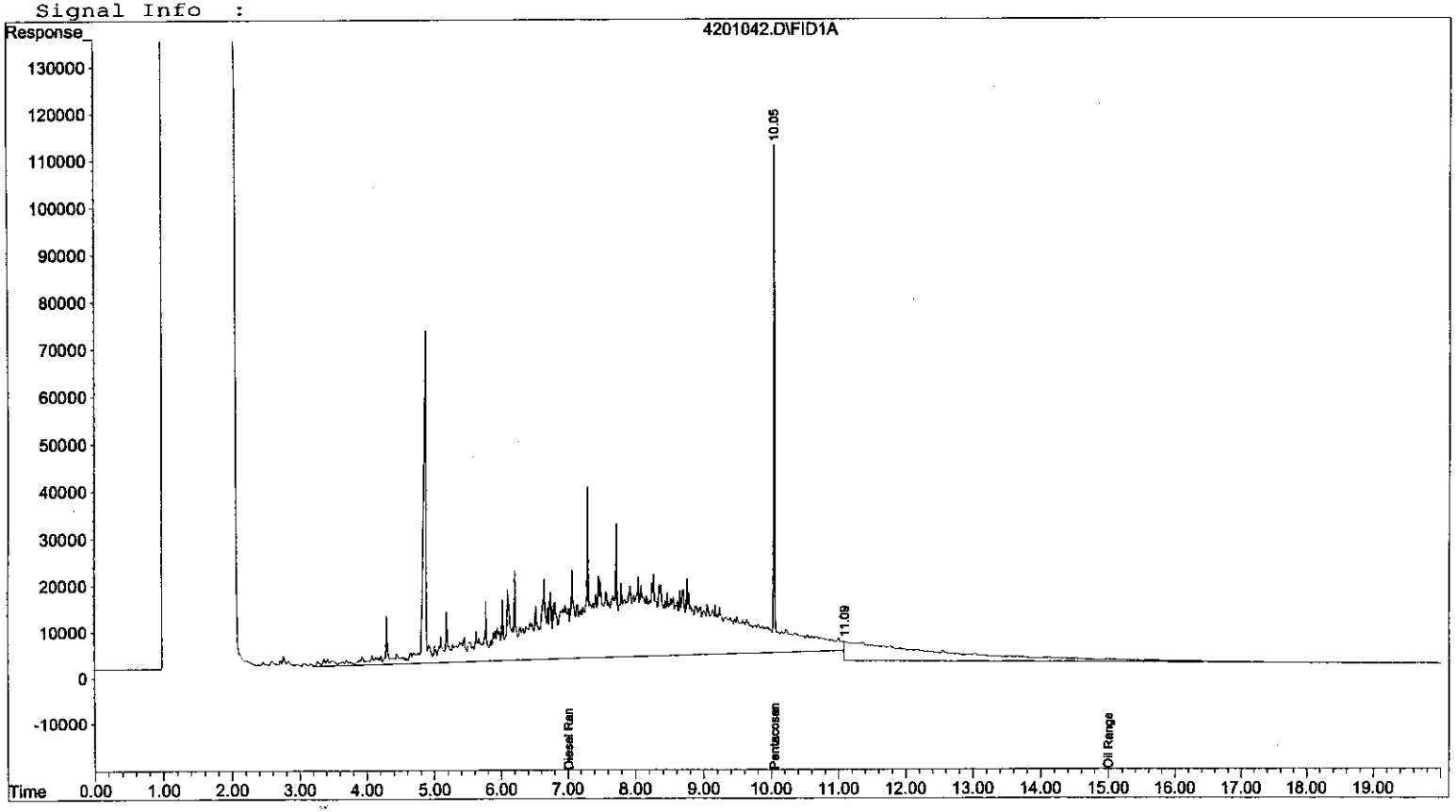
(f)=RT Delta > 1/2 Window (m)=manual int.
4201042.D 050331.M Thu Jul 21 13:27:13 2005 MSAD1 Page 1

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0: /20\4201042.D Vial: 42
Acq On : 21 Jul 2005 9:04 Operator: KMI
Sample : 0507-0748 Inst : FID3
Misc : JLEI-MW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:26 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4301043.D Vial: 43
Acq On : 21 Jul 2005 9:30 Operator: KMI
Sample : 0507-0749 Inst : FID3
Misc : JLEI-MW-7 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1105797	27.689 mg/L 111%
Spiked Amount 25.000 Range 80 - 144 Recovery = 110.76%			
Target Compounds			
2) H M Diesel Range Organics	7.00	329349	8.081 mg/L 0.8mg/L
3) H Oil Range Organics	15.00	198642	4.874 mg/L

07-21-05

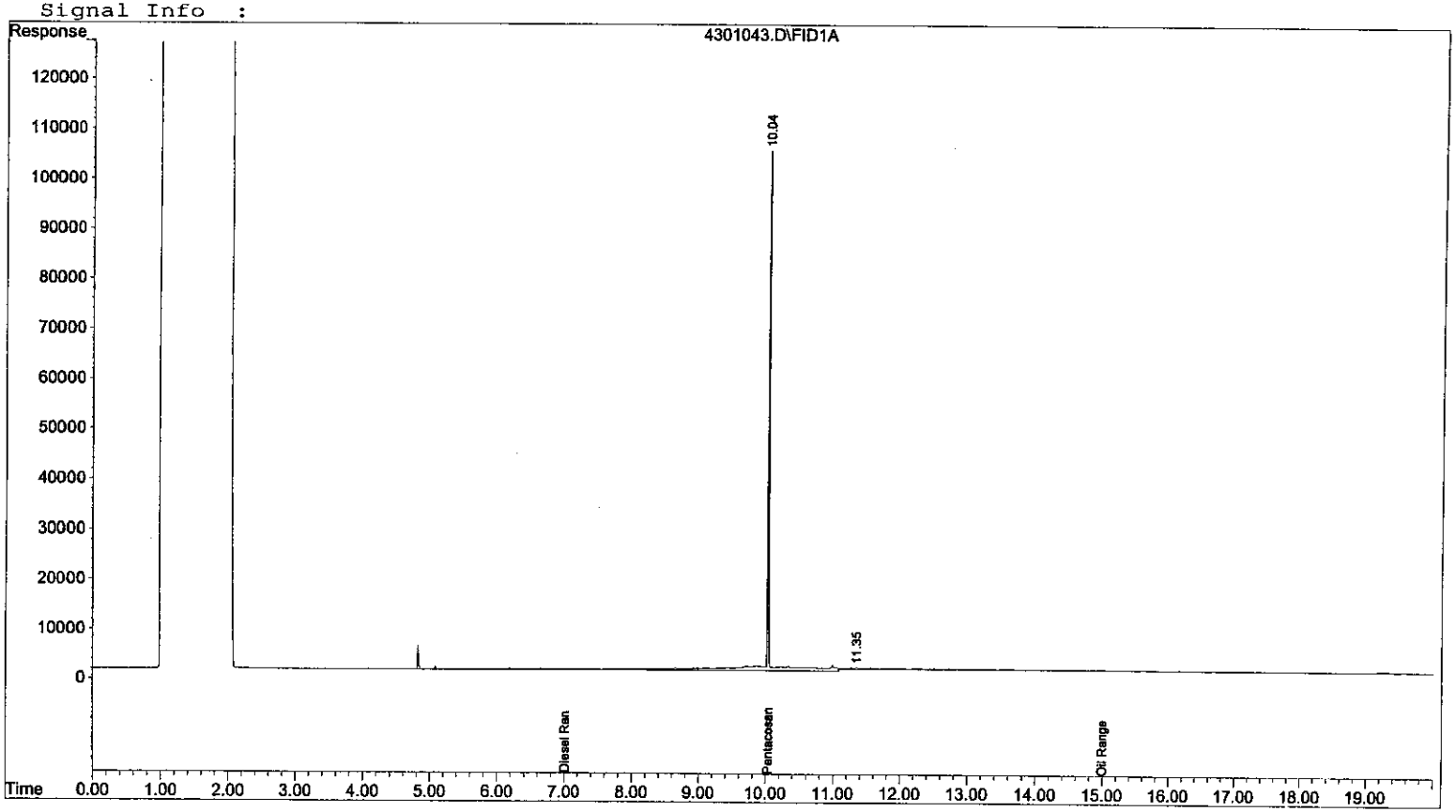
(f)=RT Delta > 1/2 Window (m)=manual int.
4301043.D 050331.M Thu Jul 21 13:27:37 2005 MSAD1 Page 1

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\C 720\4301043.D Vial: 43
Acq On : 21 Jul 2005 9:30 Operator: KMI
Sample : 0507-0749 Inst : FID3
Misc : JLEI-MW-7 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4401044.D Vial: 44
Acq On : 21 Jul 2005 9:55 Operator: KMI
Sample : 0507-0750 Inst : FID3
Misc : JLEI-MW-8 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

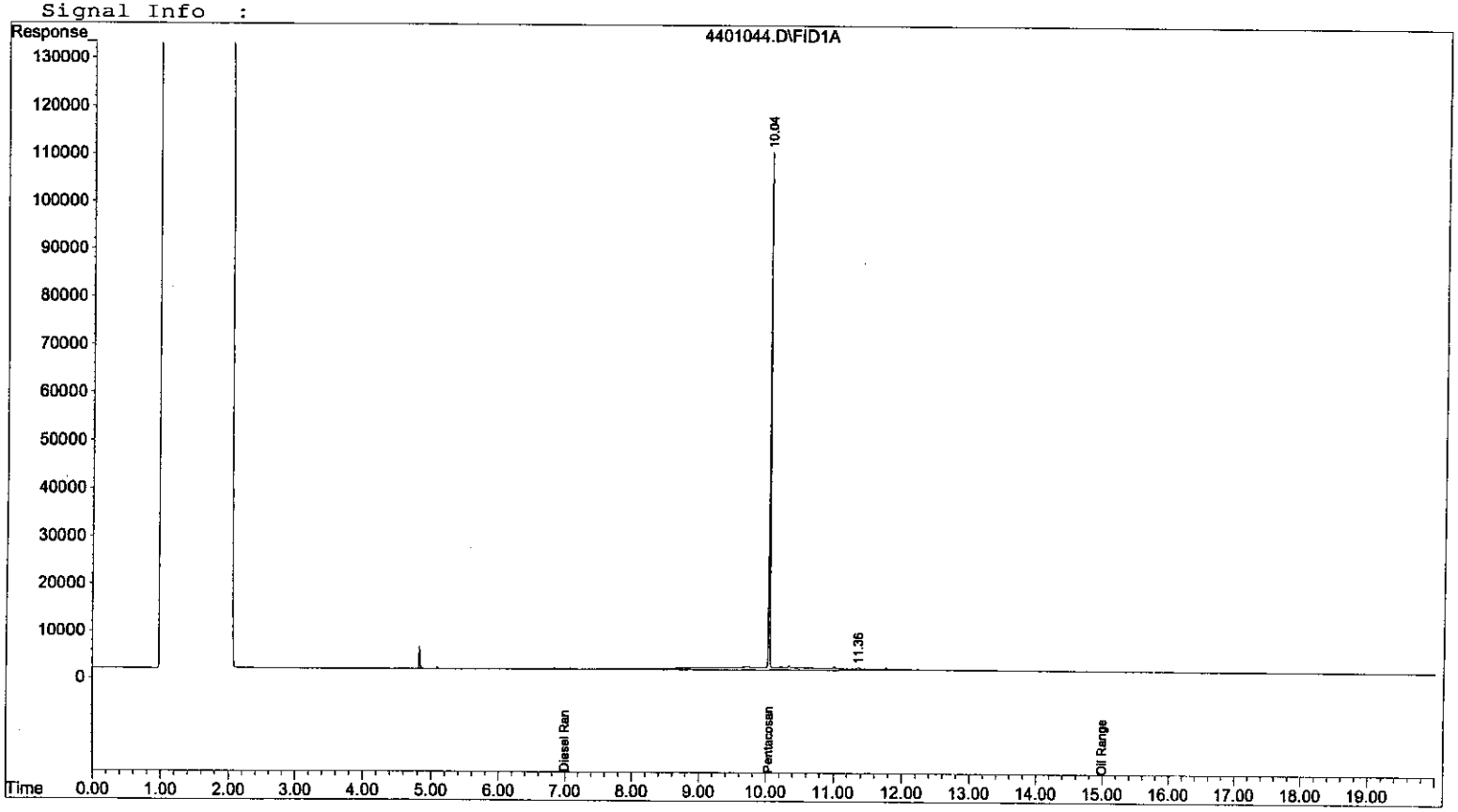
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1121030	28.070 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	112.28% 112%
Target Compounds			
2) H M Diesel Range Organics	7.00	167589	4.112 mg/L
3) H Oil Range Organics	15.00	45279	1.111 mg/L

Quantitation Report

D. File : O:\ORGANICS\HPCHEM\FID-003\DATA\(720\4401044.D Vial: 44
Acq On : 21 Jul 2005 9:55 Operator: KMI
Sample : 0507-0750 Inst : FID3
Misc : JLEI-MW-8 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4501045.D Vial: 45
Acq On : 21 Jul 2005 10:21 Operator: KMI
Sample : 0507-0751 Inst : FID3
Misc : JLEI-MW-9 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1103715	27.637 mg/L 111%
Spiked Amount 25.000 Range 80 - 144		Recovery =	110.55%
Target Compounds			
2) H M Diesel Range Organics	7.00	208605	5.118 mg/L 0.5mg/L
3) H Oil Range Organics	15.00	25361	0.622 mg/L

07-21-05

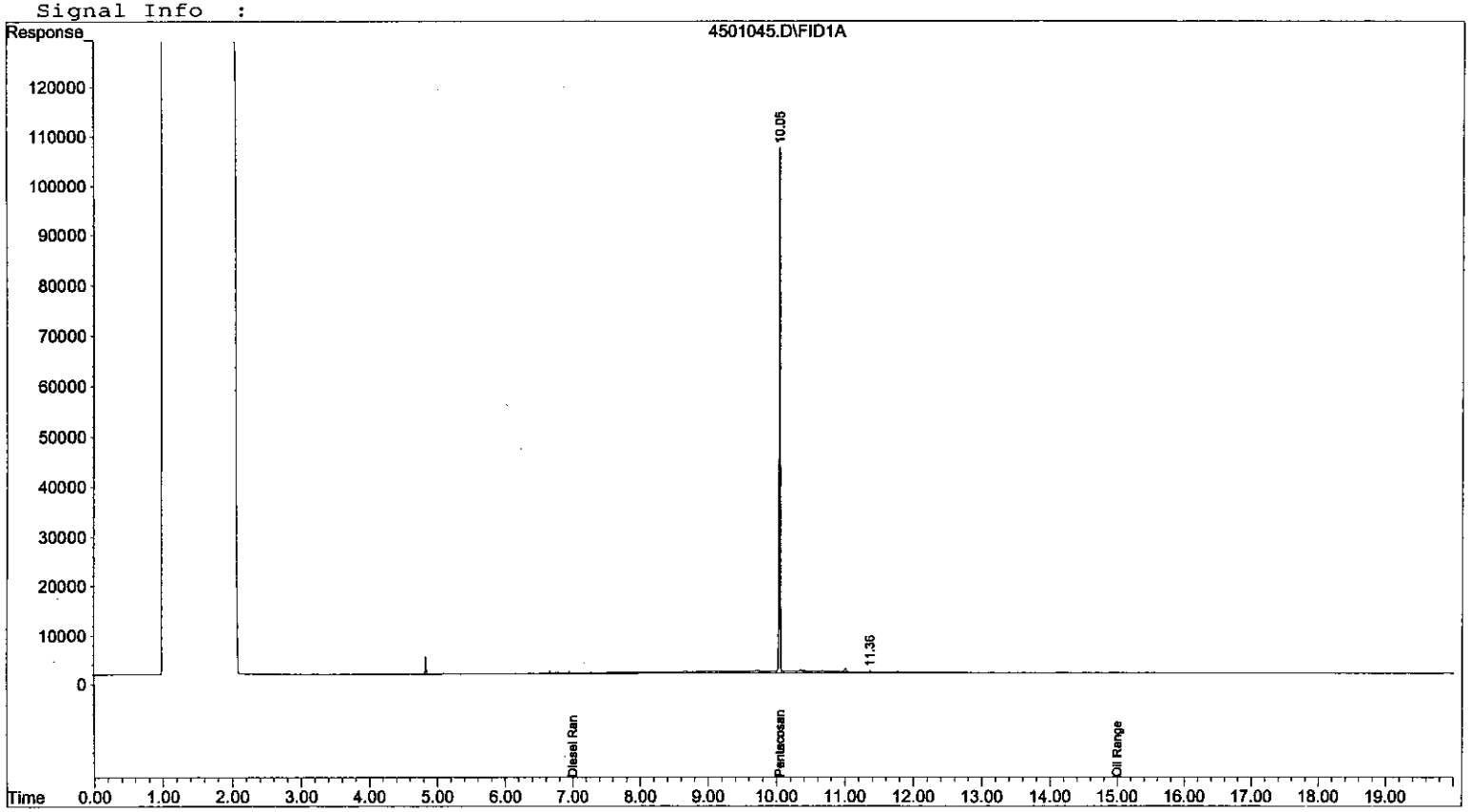
(f)=RT Delta > 1/2 Window (m)=manual int.
4501045.D 050331.M Thu Jul 21 13:28:03 2005 MSAD1 Page 1

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 /20\4501045.D Vial: 45
Acq On : 21 Jul 2005 10:21 Operator: KMI
Sample : 0507-0751 Inst : FID3
Misc : JLEI-MW-9 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4601046.D Vial: 46
Acq On : 21 Jul 2005 10:47 Operator: KMI
Sample : 0507-0752 Inst : FID3
Misc : JLEI-MW-10 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1129587	28.284 mg/L 113%
Spiked Amount 25.000 Range 80 - 144 Recovery = 113.14%			
Target Compounds			
2) H M Diesel Range Organics	7.00	266346	6.535 mg/L 0.7mg/L
3) H Oil Range Organics	15.00	43583	1.069 mg/L

07-21-05

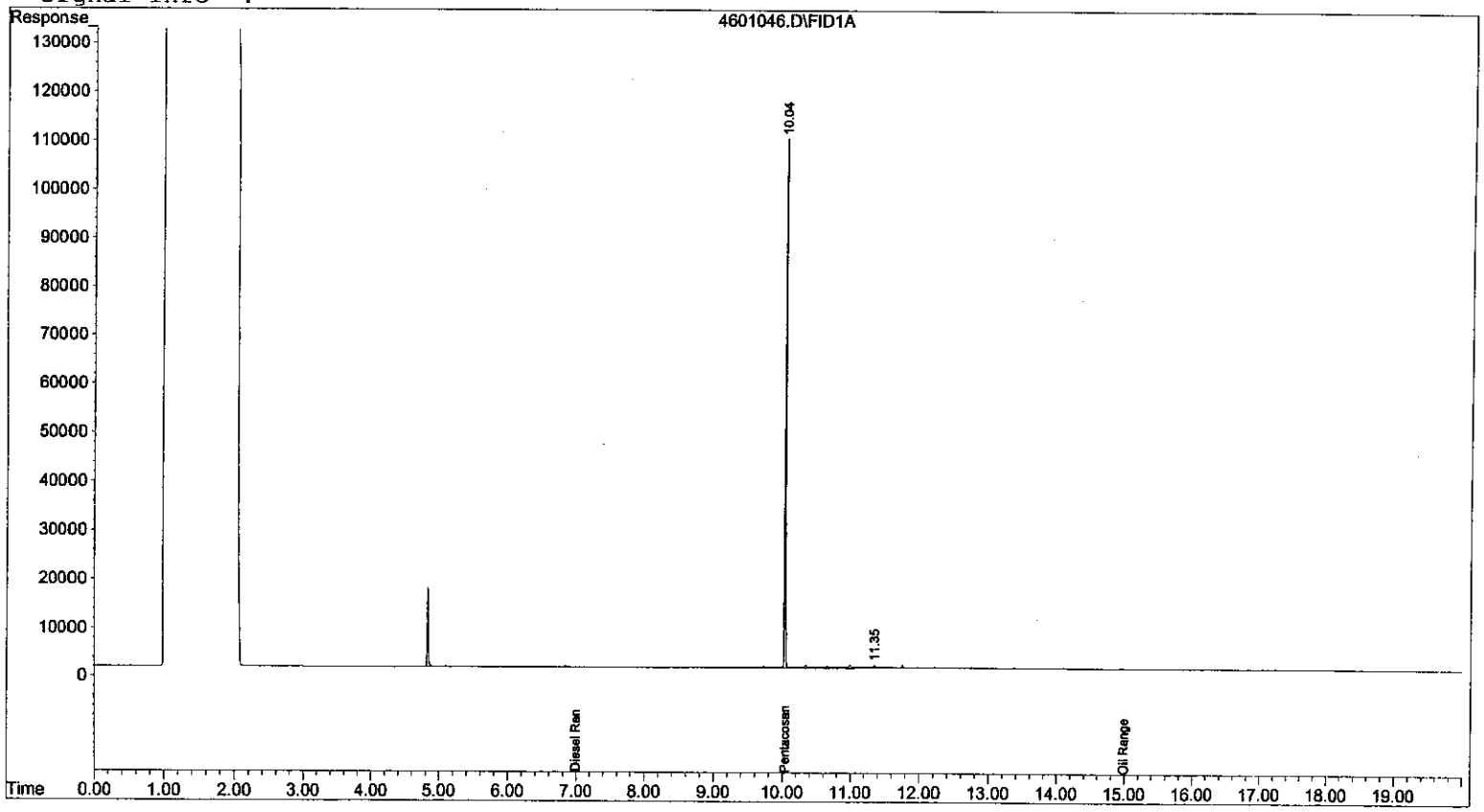
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

```
D:    File : O:\ORGANICS\HPCHEM\FID-003\DATA\C   720\4601046.D Vial: 46
Acq On     : 21 Jul 2005  10:47                          Operator: KMI
Sample     : 0507-0752                                   Inst    : FID3
Misc       : JLEI-MW-10                                  Multiplr: 1.00
IntFile    : EVENTS.E
Quant Time: Jul 21 14:28 19105  Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title        :
Last Update  : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj.  :
Signal Phase :
Signal Info  :
```



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4701047.D Vial: 47
Acq On : 21 Jul 2005 11:13 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1162841	29.117 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	116.47% 116%
Target Compounds			
2) H M Diesel Range Organics	7.00	44788357	1098.888 mg/L 110%
3) H Oil Range Organics	15.00	22627	0.555 mg/L

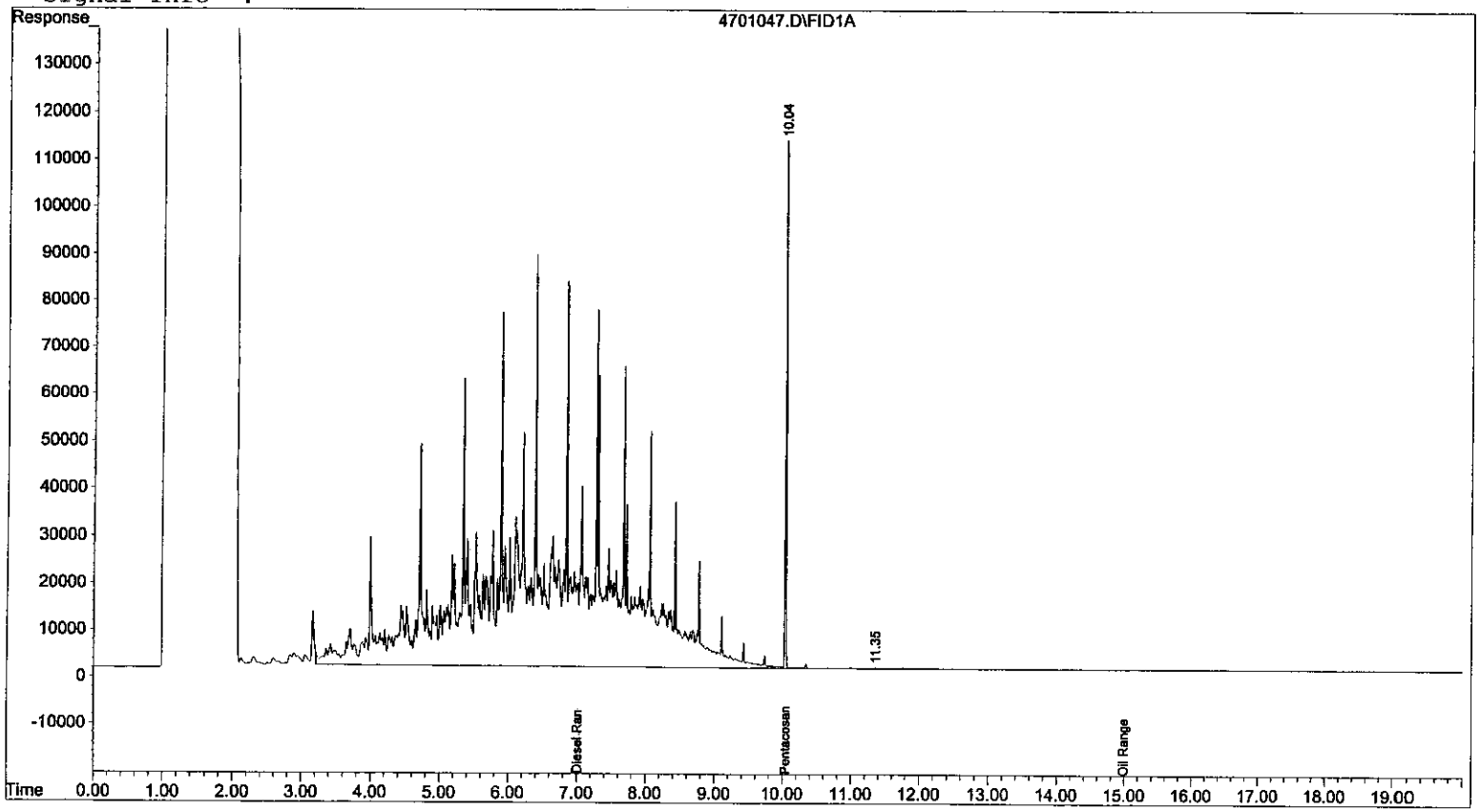
(f)=RT Delta > 1/2 Window (m)=manual int.
4701047.D 050331.M Thu Jul 21 13:28:33 2005 MSAD1 Page 1

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4701047.D Vial: 47
Acq On : 21 Jul 2005 11:13 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4801048.D Vial: 48
Acq On : 21 Jul 2005 11:39 Operator: KMI
Sample : 0507-0753 Inst : FID3
Misc : JLEI-MW-11 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1068210	26.747 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	106.99% 107%
Target Compounds			
2) H M Diesel Range Organics	7.00	90477	2.220 mg/L
3) H Oil Range Organics	15.00	50142	1.230 mg/L

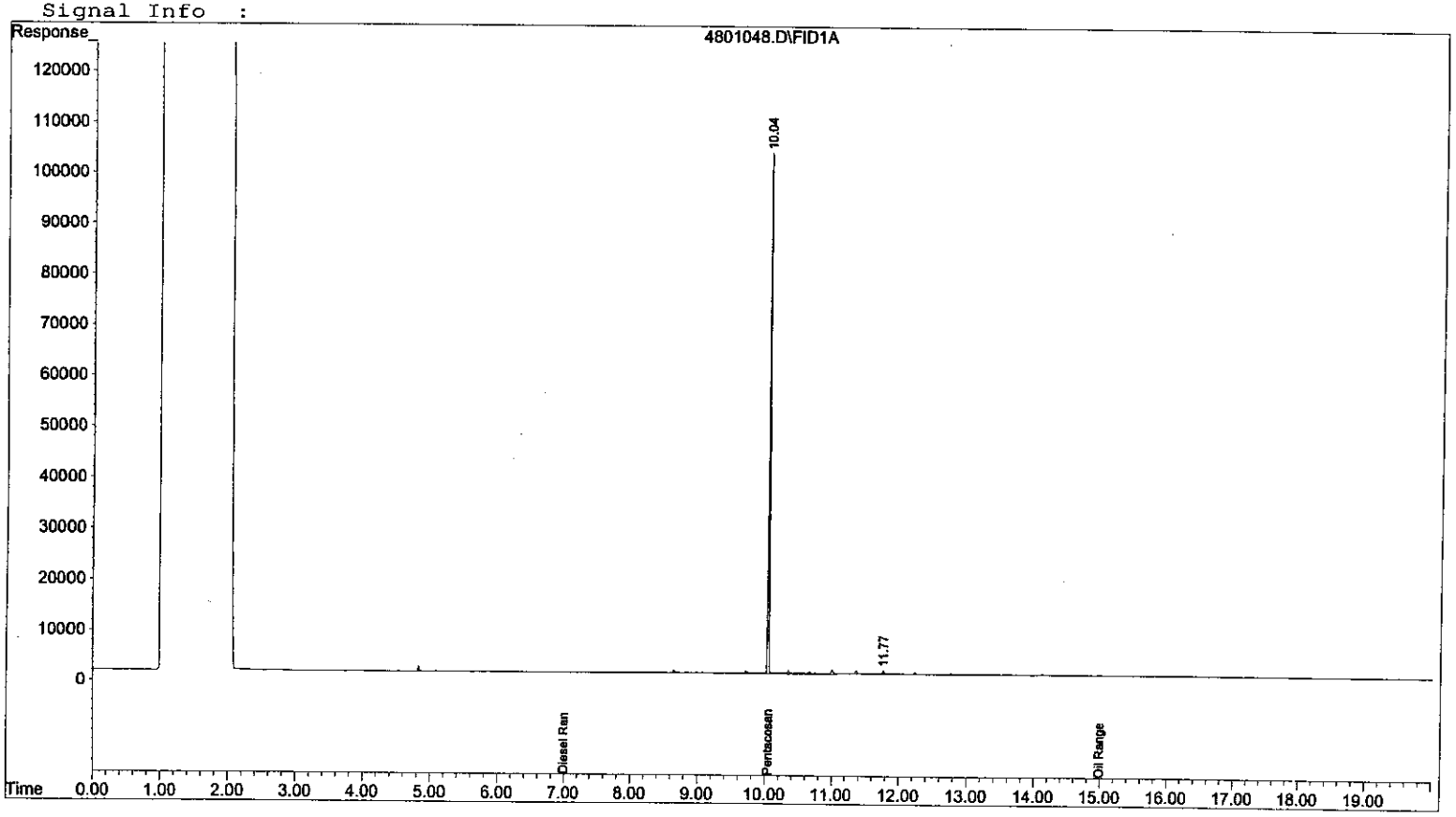
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

D File : O:\ORGANICS\HPCHEM\FID-003\DATA\(720\4801048.D Vial: 48
Acq On : 21 Jul 2005 11:39 Operator: KMI
Sample : 0507-0753 Inst : FID3
Misc : JLEI-MW-11 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\4901049.D Vial: 49
Acq On : 21 Jul 2005 12:04 Operator: KMI
Sample : 0507-0754 Inst : FID3
Misc : JLEI-MW-12 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.05	1048564	26.256 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	105.02% 105%
Target Compounds			
2) H M Diesel Range Organics	7.00	94296	2.314 mg/L
3) H Oil Range Organics	15.00	12181	0.299 mg/L

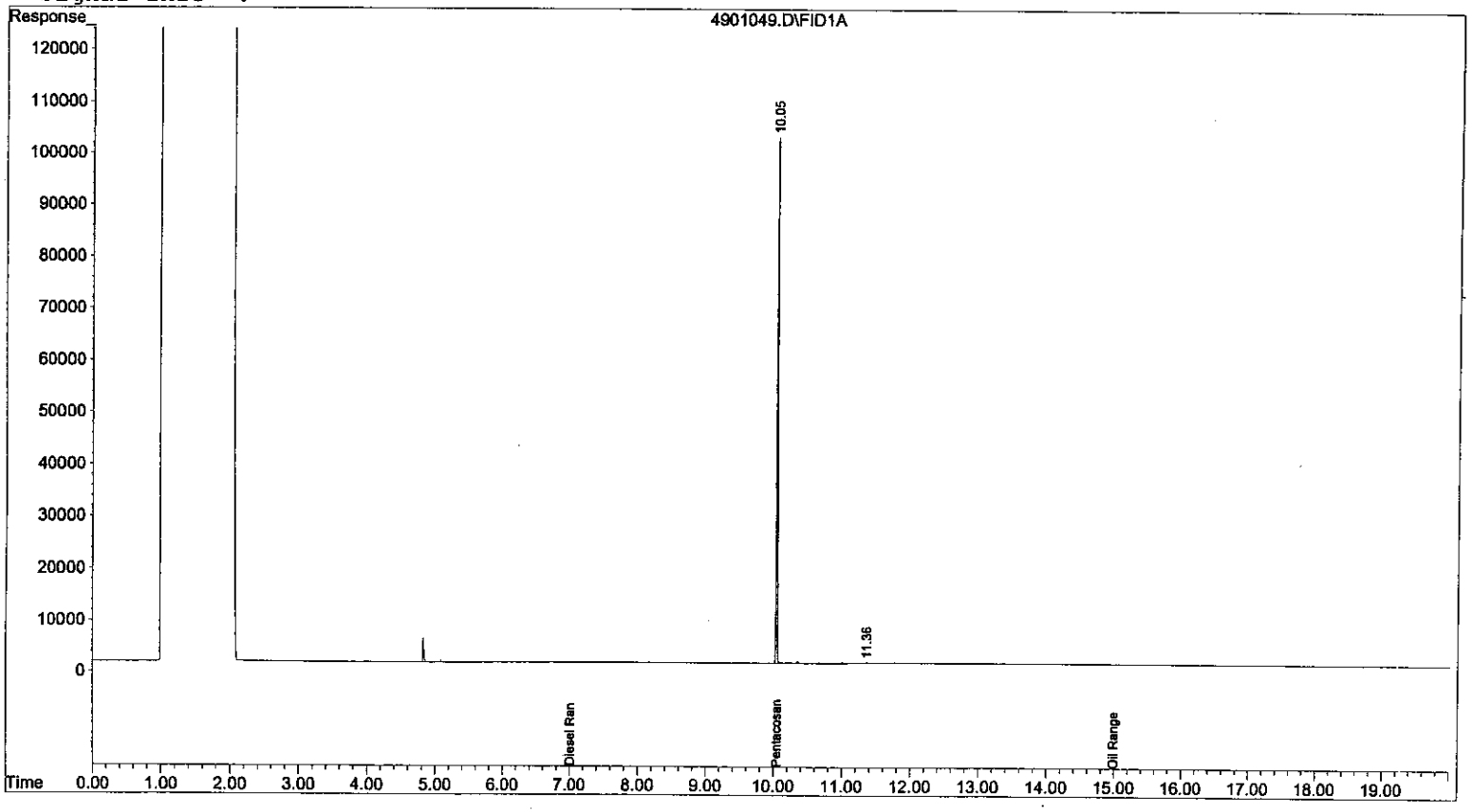
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

D: File : O:\ORGANICS\HPCHEM\FID-003\DATA\(720\4901049.D Vial: 49
Acq On : 21 Jul 2005 12:04 Operator: KMI
Sample : 0507-0754 Inst : FID3
Misc : JLEI-MW-12 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\5001050.D Vial: 50
Acq On : 21 Jul 2005 12:30 Operator: KMI
Sample : 0507-0755 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1162500	29.108 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	116.43% 116%
Target Compounds			
2) H M Diesel Range Organics	7.00	31349	0.769 mg/L
3) H Oil Range Organics	15.00	21769	0.534 mg/L

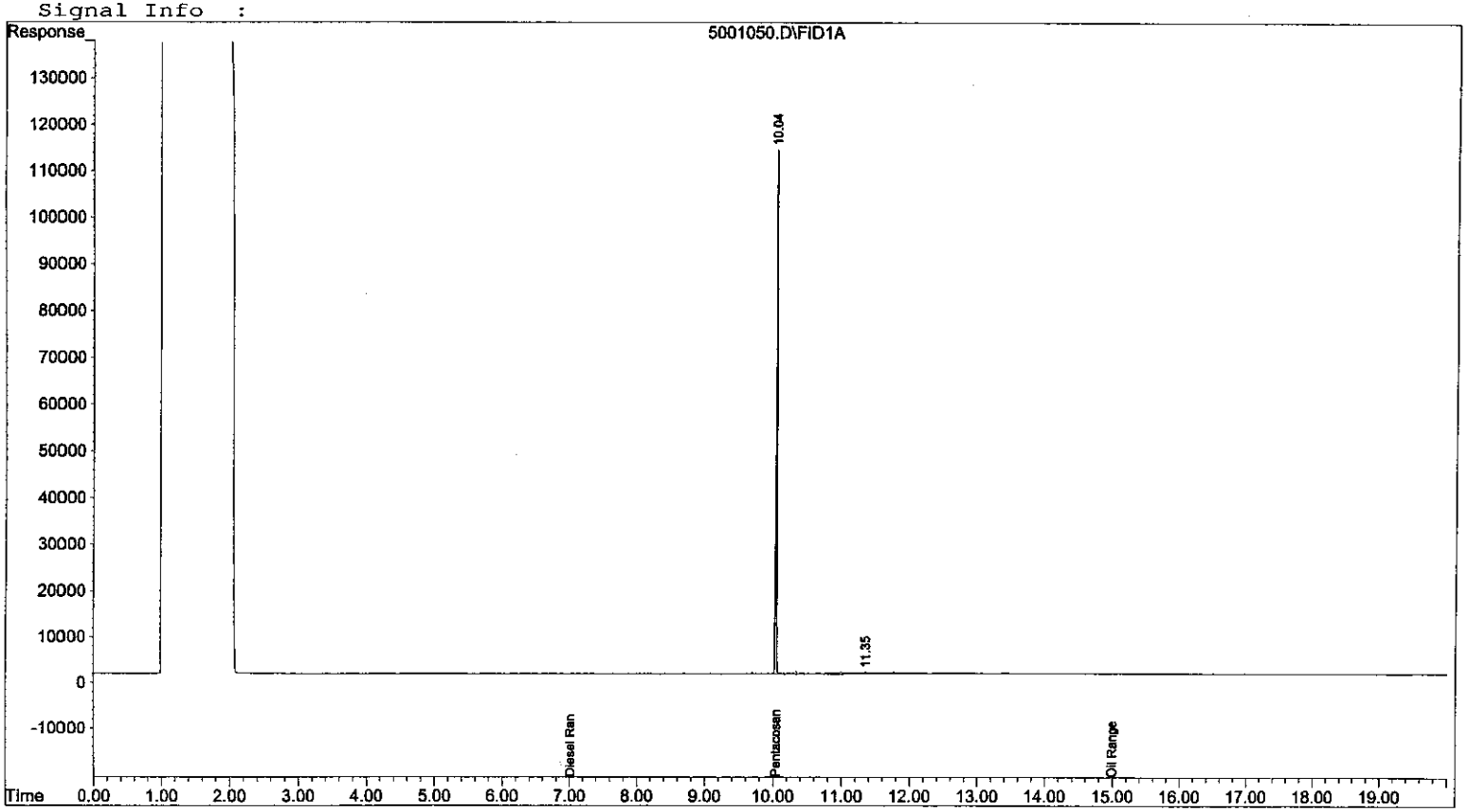
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

```
Da   File : O:\ORGANICS\HPCHEM\FID-003\DATA\C   /20\5001050.D Vial: 50
Acq On    : 21 Jul 2005  12:30                        Operator: KMI
Sample    : 0507-0755                                 Inst    : FID3
Misc      : EB                                        Multiplr: 1.00
IntFile   : EVENTS.E
Quant Time: Jul 21 14:29 19105  Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title        :
Last Update  : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj.  :
Signal Phase :
Signal Info  :
```



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\5101051.D Vial: 51
Acq On : 21 Jul 2005 12:56 Operator: KMI
Sample : 0507-0756 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1187010	29.722 mg/L 119%
Spiked Amount 25.000 Range 80 - 144		Recovery =	118.89%
Target Compounds			
2) H M Diesel Range Organics	7.00	32612	0.800 mg/L
3) H Oil Range Organics	15.00	11976	0.294 mg/L

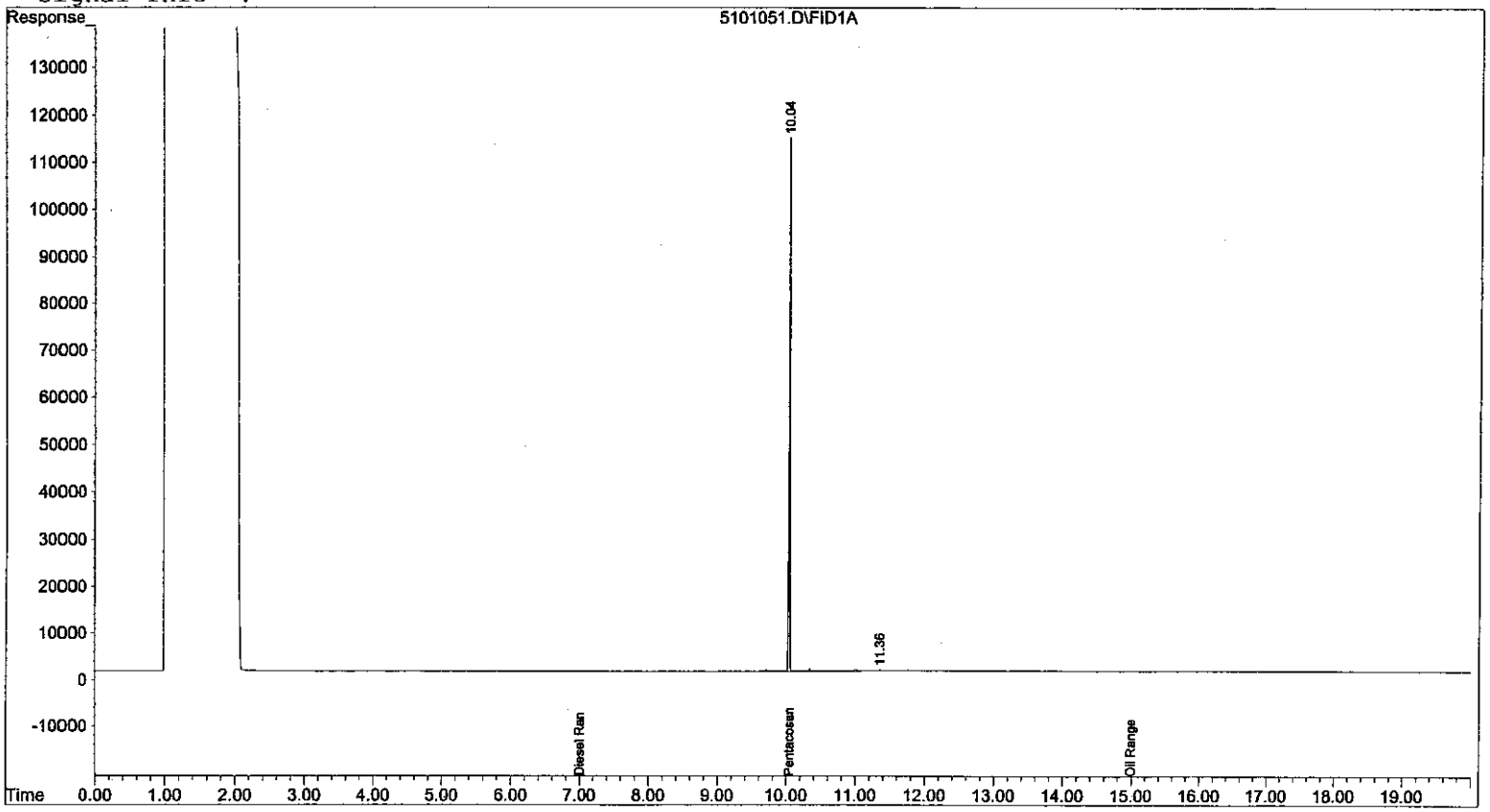
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da . File : O:\ORGANICS\HPCHEM\FID-003\DATA\C 720\5101051.D Vial: 51
Acq On : 21 Jul 2005 12:56 Operator: KMI
Sample : 0507-0756 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 14:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\5201052.D Vial: 52
Acq On : 21 Jul 2005 13:22 Operator: KMI
Sample : 0507-0670 ms Inst : FID3
Misc : PD-24-SW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 16:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1101755	27.587 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	110.35% 110%
Target Compounds			
2) H M Diesel Range Organics	7.00	41720585	1023.620 mg/L 102%
3) H Oil Range Organics	15.00	84609	2.076 mg/L

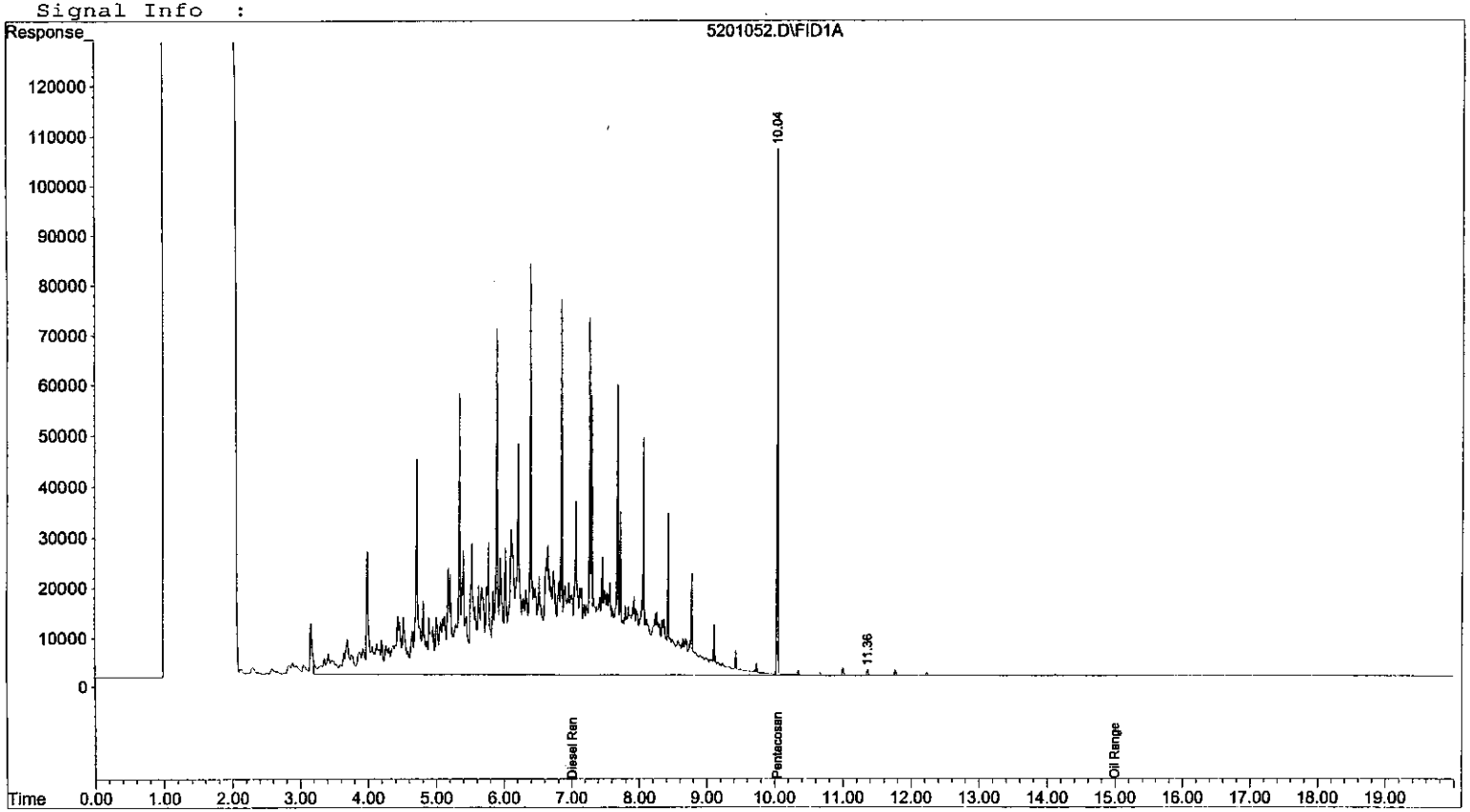
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report

Da . File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 20\5201052.D Vial: 52
Acq On : 21 Jul 2005 13:22 Operator: KMI
Sample : 0507-0670 ms Inst : FID3
Misc : PD-24-SW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 16:27 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050720\5301053.D Vial: 53
Acq On : 21 Jul 2005 13:48 Operator: KMI
Sample : 0507-0670 msd Inst : FID3
Misc : PD-24-SW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 16:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

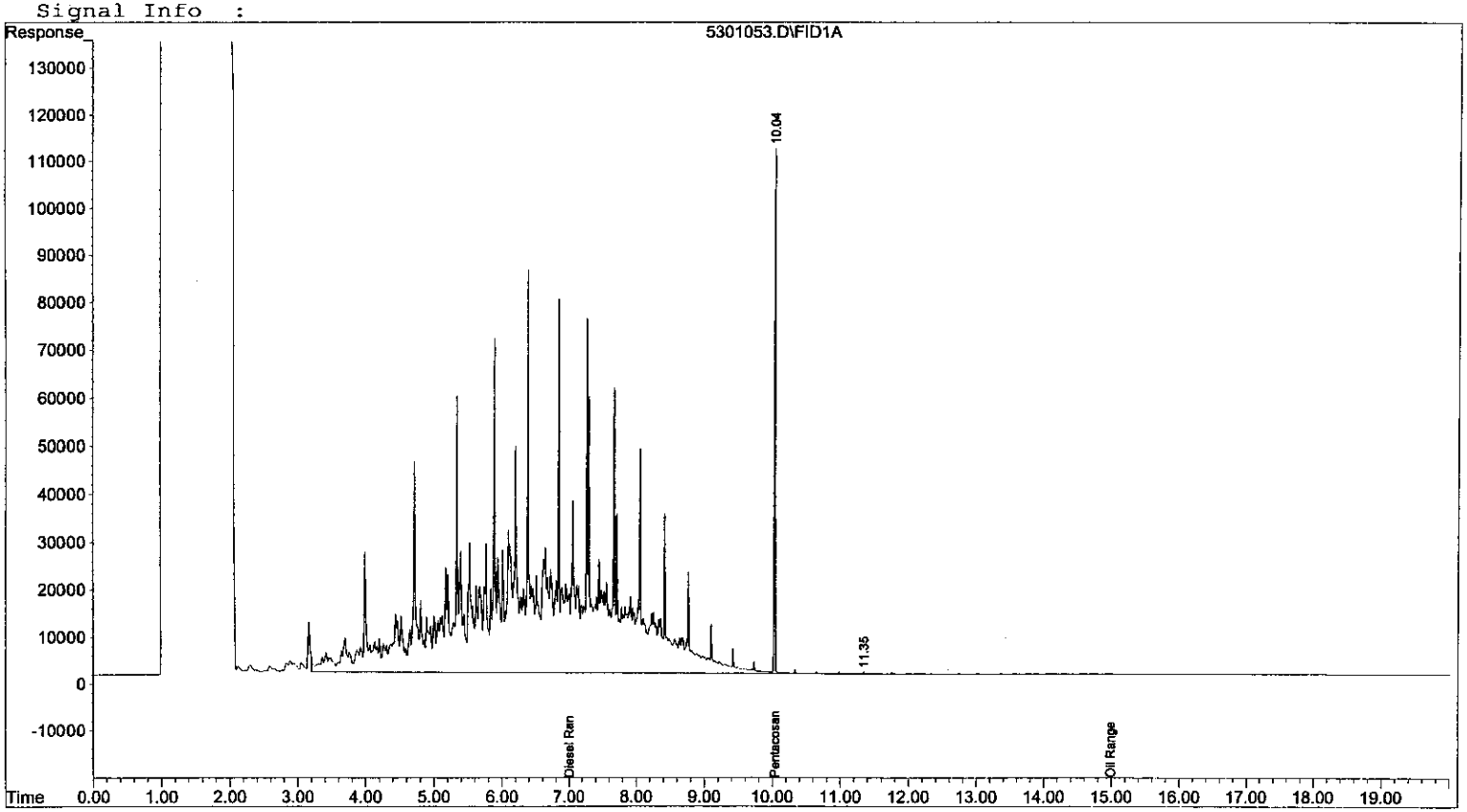
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1122953	28.118 mg/L
Spiked Amount 25.000	Range 80 - 144	Recovery =	112.47%
Target Compounds			
2) H M Diesel Range Organics	7.00	42853077	1051.406 mg/L
3) H Oil Range Organics	15.00	39240	0.963 mg/L

Quantitation Report

Da . File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 20\5301053.D Vial: 53
Acq On : 21 Jul 2005 13:48 Operator: KMI
Sample : 0507-0670 msd Inst : FID3
Misc : PD-24-SW-B Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 21 16:28 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\ZZZ\5801002.D Vial: 58
Acq On : 21 Jul 2005 18:20 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 22 9:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

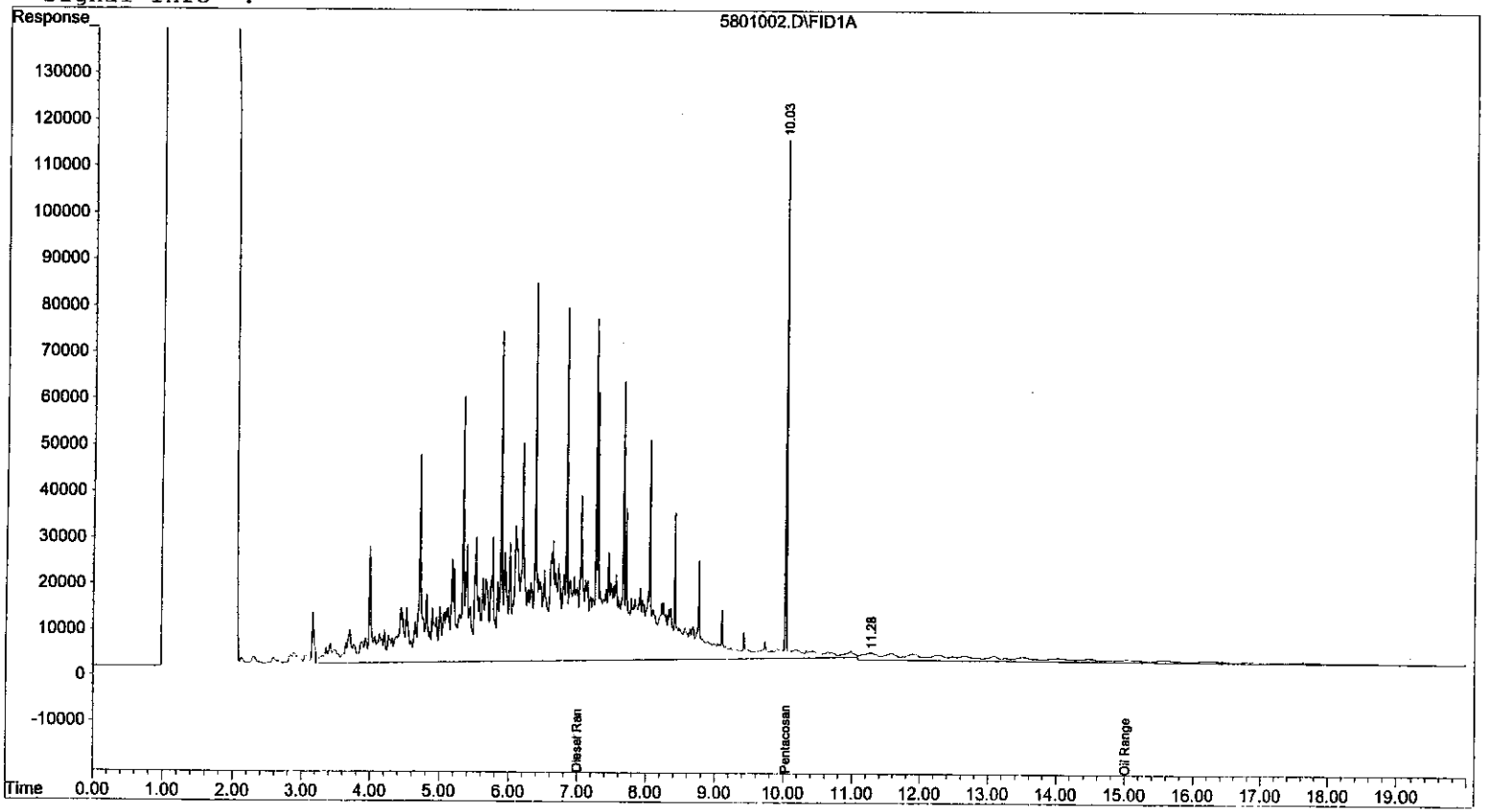
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.04	1221809	30.594 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	122.38% 122%
Target Compounds			
2) H M Diesel Range Organics	7.00	45270817	1110.725 mg/L 111%
3) H Oil Range Organics	15.00	3742395	91.820 mg/L

Quantitation Report

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\ZZZ\5801002.D Vial: 58
Acq On : 21 Jul 2005 18:20 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Jul 22 9:29 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



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www.pacelabs.com

August 9, 2005

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Dear Mr. Martinez:

Enclosed are analytical results for samples submitted to Pace Analytical by AGES. The samples were received on August 1, 2005. Please reference Pace project number 05-1918 when inquiring about this report.

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Pace Sample Identification	Client Sample Identification
0508-0019	JLEI-MW-13
0508-0020	JLEI-MW-C
0508-0021	EB
0508-0022	FB
0508-0023	TB

General Comments: None

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Milton Martinez Barreto
Project Manager

MMB: mmb

Enclosures

REPORT OF LABORATORY ANALYSIS

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www.pacelabs.com

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Lab Project ID: **05-1918**
Lab Sample ID: **0508-0019**
Client Sample ID: **JLEI-MW-13**
Sample Matrix: Aqueous

Date Sampled: 08/01/2005
Date Received: 08/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	08/02/2005	0002210-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	08/02/2005	0002210-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	08/03/2005	0002224-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	08/03/2005	0002223-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lic. Sandra Y. Laboy Olivieri
Lic.# 4122
QUIMICO LICENCIADO

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www.pacelabs.com

Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1918**
Lab Sample ID: **0508-0020**
Client Sample ID: **JLEI-MW-C**
Sample Matrix: Aqueous

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Date Sampled: 08/01/2005
Date Received: 08/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015[1]	<0.50	0.50	mg/L	KIS	08/02/2005	0002210-1	<0.50
Oil Range Organics (ORO)	Mod 8015[1]	<5.0	5.0	mg/L	KIS	08/02/2005	0002210-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015[1]	<0.10	0.10	mg/L	RGG	08/03/2005	0002224-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Ethylbenzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Toluene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
m,p-Xylene	8021B[1]	<0.010	0.010	mg/L	RGG	08/03/2005	0002223-1	<0.010
o-Xylene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lic.# 4122
08/10/05
QUIMICO LICENCIADO

REPORT OF LABORATORY ANALYSIS

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1918**
Lab Sample ID: **0508-0021**
Client Sample ID: **EB**
Sample Matrix: Aqueous

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Date Sampled: 08/01/2005
Date Received: 08/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015(1)	<0.50	0.50	mg/L	KIS	08/02/2005	0002210-1	<0.50
Oil Range Organics (ORO)	Mod 8015(1)	<5.0	5.0	mg/L	KIS	08/02/2005	0002210-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015(1)	<0.10	0.10	mg/L	RGG	08/03/2005	0002224-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Ethylbenzene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Toluene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
m,p-Xylene	8021B(1)	<0.010	0.010	mg/L	RGG	08/03/2005	0002223-1	<0.010
o-Xylene	8021B(1)	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050

(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lic. Sandra Y. Laboy Olivieri
Lic.# 4122
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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: **05-1918**
Lab Sample ID: **0508-0022**
Client Sample ID: **FB**
Sample Matrix: Aqueous

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Date Sampled: 08/01/2005
Date Received: 08/01/2005

GC Semi Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
DRO	Mod 8015[1]	<0.50	0.50	mg/L	KIS	08/02/2005	0002210-1	<0.50
Oil Range Organics (ORO)	Mod 8015[1]	<5.0	5.0	mg/L	KIS	08/02/2005	0002210-1	<5.0

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015[1]	<0.10	0.10	mg/L	RGG	08/03/2005	0002224-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Ethylbenzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Toluene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
m,p-Xylene	8021B[1]	<0.010	0.010	mg/L	RGG	08/03/2005	0002223-1	<0.010
o-Xylene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lic. Sandra Y. Laboy Olivieri
Lic.# 4122
08/10/05
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REPORT OF LABORATORY ANALYSIS

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Mr. Dario Martinez
AGES
P.O. Box 1054
Dorado, PR 00646-1054

Lab Project ID: 05-1918
Lab Sample ID: 0508-0023
Client Sample ID: TB
Sample Matrix: Aqueous

Client Site: Corco Jake's Lagoon
Client Ref.: CORCO

Date Sampled: 08/01/2005
Date Received: 08/01/2005

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Gasoline Range Organics (GRO)	8015[1]	<0.10	0.10	mg/L	RGG	08/03/2005	0002224-1	<0.10
Volatile Organic Compounds, GC								
Benzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Ethylbenzene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
Toluene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050
m,p-Xylene	8021B[1]	<0.010	0.010	mg/L	RGG	08/03/2005	0002223-1	<0.010
o-Xylene	8021B[1]	<0.0050	0.0050	mg/L	RGG	08/03/2005	0002223-1	<0.0050

[1] U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

Approved by: _____ Date: 08/10/05

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 907772

Section A Required Client Information:

Company: AGES inc.
Address: PO Box 1054
Dorado PR 00646-1054
Email To: AGES@Coqui.net
Phone: 270-3100 Fax: 270-3110
Requested Due Date/TAT:

Section B Required Project Information:

Report To: AGES
Copy To:
Purchase Order No.:
Project Name: CorCo Jake's Lagoon
Project Number:

Section C Invoice Information:

Attention: AGES
Company Name: AGES
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 05-1918

REGULATORY AGENCY: ☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☑OTHER PR

Section D Required Client Information

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

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: GRO	DRO	BTEX	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	JLEI-MW-13	WT	G			8/1/05	2:57		4	X			X						X	X	X	X	0508-0019
2	JLEI-MW-C						2:54		4	X			X										0020
3	EB						2:30		4	X			X										0021
4	FB						3:02		4	X			X										0022
5	TB						3:05		3				X						X		X		0023
6																							
7																							
8																							
9																							
10																							
11																							
12																							

KMM 8/2/05

Additional Comments: Pls Send QC data QA/QC, calibration Curve

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	8/1/05	4:43pm	[signature]	8/1/05	4:43pm
[signature]	8/1/05	8:00am	KMM	8/2/05	7:32Am

SAMPLE CONDITION

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
10C	Y/N	Y/N	Y/N
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Joaquin A. Vargas

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8/1/05

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

PACE ANALYTICAL DEL CARIBE

P.O. Box 325, San Germán, Puerto Rico 00683

Notebook for: Instrument Run Log **Instrument ID:** PADC-PID/FID-002 **S/N:** 3033A32378 **Book No.:** 5

Spike ID's:

Surrogate ID's:		CCV Spike ID's:		Internal Standard		MeOH ID's:		ICV/LCS/MS/MSD	
ws1	GC-S-1-365	bcc1	GC-S-1-370	is1	GC-S-1-369	m1	n/a	ms1	GC-1-109D
ws2	n/a	bcc2	n/a	is2	n/a	m2	n/a	ms2	n/a
ss1	n/a	gcc1	GC-S-1-371	is3	n/a	m3	n/a	ms3	n/a
ss2	n/a	gcc2	n/a	is4	n/a	m4	n/a	ms4	n/a

#	Project Number	Lab. Sample Number	pH	Batch #	File Name	Matrix	Sample Weight (g)/ Volume (mL)	DF	Run Date/Time	Comments
1	n/a	MB Aq	n/a	2223/2224	001F0101	Water	5mL	1	8/2/05 19:33	Opening CCV's taken from close
2	n/a	LCS Aq	n/a	2223/2224	002F0201	Water	5mL	1	8/2/05 20:05	of previous run.
3	n/a	LCSD Aq	n/a	2223/2224	003F0301	Water	5mL	1	8/2/05 20:37	**Run# 4200**
4	05-1917	0008	<2	2223/2224	004F0401	Water	5mL	1	8/2/05 21:09	
5	05-1917	0009	<2	2223/2224	005F0501	Water	5mL	1	8/2/05 21:41	
6	05-1917	0010	<2	2223/2224	006F0601	Water	5mL	1	8/2/05 22:13	
7	05-1917	0012	n/a	n/a	007F0701	Water	0.1mL	50	8/2/05 22:45	DNR-- ~~Underdiluted~~ Overdiluted
8	05-1917	0014	n/a	n/a	008F0801	Water	0.1mL	50	8/2/05 23:17	DNR-- ~~Underdiluted~~
9	05-1917	0015	n/a	n/a	009F0901	Water	0.1mL	50	8/2/05 23:49	DNR-- ~~Underdiluted~~
10	05-1917	0018	<2	2223/2224	010F1001	Water	5mL	1	8/3/05 0:21	**Run# 4201**
11	n/a	GRO CCV	n/a	n/a	011F1101	Water	5mL	1	8/3/05 0:54	
12	n/a	BTEX CCV	n/a	n/a	012F1201	Water	5mL	1	8/3/05 1:25	
13	05-1918	0019	<2	2223/2224	013F1301	Water	5mL	1	8/3/05 1:57	
14	05-1918	0020	<2	2223/2224	014F1401	Water	5mL	1	8/3/05 2:29	
15	05-1918	0021	<2	2223/2224	015F1501	Water	5mL	1	8/3/05 3:02	
16	05-1918	0022	<2	2223/2224	016F1601	Water	5mL	1	8/3/05 3:34	
17	05-1918	0023	<2	2223/2224	017F1701	Water	5mL	1	8/3/05 4:06	
18	n/a	GRO CCV	n/a	n/a	018F1801	Water	5mL	1	8/3/05 4:38	
19	n/a	BTEX CCV	n/a	n/a	019F1901	Water	5mL	1	8/3/05 5:11	

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration

Non-Spiked Sample: 001F0101.D

	Spike Sample	Spike Duplicate Sample
File ID :	002F0201.D	003F0301.D
Sample :	LCS Aq,,,2	LCSD Aq,,,2
Acq Time:	02-Aug-2005, 20:05:19	02-Aug-2005, 20:37:12

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Gasoline	0.0	1650	1472	1545	90	94	5	20	70-130
Benzene	0.0	23	27	29	119	126	5	20	70-130
Toluene	0.0	123	118	139	96	113	16	20	70-130
Ethylbenzene	0.0	29	25	31	86	105	20	20	70-130
m,p-Xylene	0.0	103	95	112	93	109	16	20	70-130
o-Xylene	0.0	42	37	45	88	108	20	20	70-130

- Fails Limit Check

0617ARCH.M Wed Aug 03 11:58:31 2005 VOA

Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\055F5601.D\FID1A.CH Vial: 55
Acq On : 02-Aug-2005, 18:09:47 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\055F5601.D\FID2B.CH Vial: 55
Acq On : 02-Aug-05, 18:09:47 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 2 19:44 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4534	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1629910	104.367 ug/L
Spiked Amount 100.000		Recovery =	104.37%
11) S 4-Bromofluorobenzene	9.44	16348	102.894 ug/L
Spiked Amount 100.000		Recovery =	102.89%
Target Compounds			
1) H T M Gasoline	8.00	24446126	892.392 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	2458	15.243 ug/L
7) T M Toluene	5.17	18168	80.139 ug/L
8) T M Ethylbenzene	7.91	3970	16.086 ug/L
9) T M m,p-Xylene	8.16	19359	65.278 ug/L
10) T M o-Xylene	8.79	7253	29.775 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	4485	11.773 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	11770	41.255 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

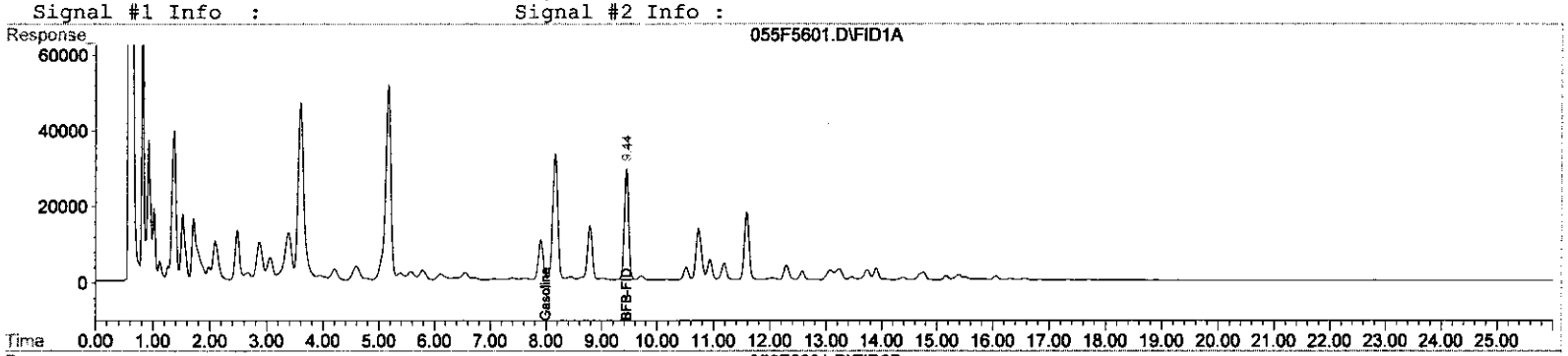
Quantitation Report

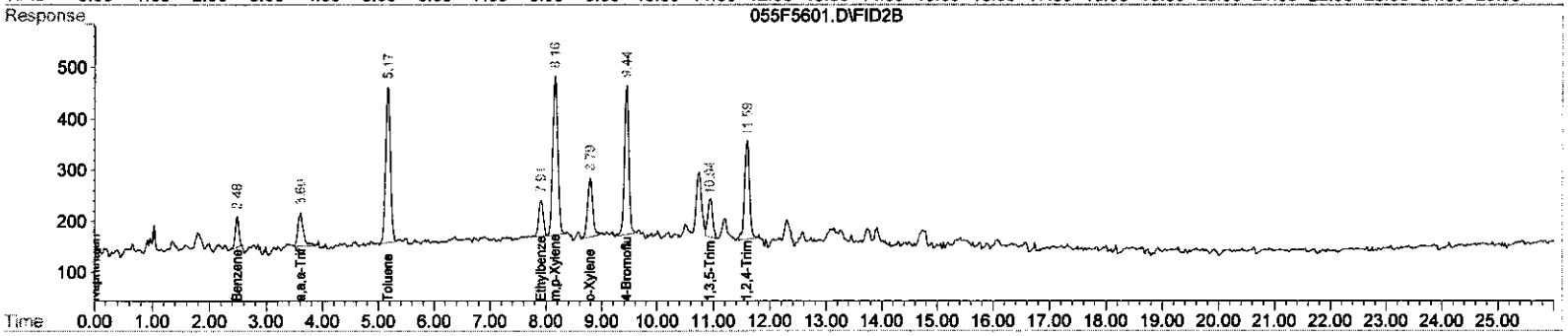
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\055F5601.D\FID1A.CH Vial: 55
Acq On : 02-Aug-2005, 18:09:47 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\055F5601.D\FID2B.CH Vial: 55
Acq On : 02-Aug-05, 18:09:47 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 2 19:44 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\056F5701.D\FID1A.CH Vial: 56
Acq On : 02-Aug-2005, 18:42:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\056F5701.D\FID2B.CH Vial: 56
Acq On : 02-Aug-05, 18:42:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 2 20:36 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4730	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1590877	101.861 ug/L
Spiked Amount 100.000		Recovery =	101.86%
11) S 4-Bromofluorobenzene	9.45	15988	96.444 ug/L
iked Amount 100.000		Recovery =	96.44%
Target Compounds			
1) H T M Gasoline	8.00	18358750	636.226 ug/L
5) T Methyl-tert-butyl ether	1.35	2419	63.369 ug/L
6) T M Benzene	2.49	10428	57.460 ug/L
7) T M Toluene	5.17	12667	53.222 ug/L
8) T M Ethylbenzene	7.91	13063	56.073 ug/L
9) T M m,p-Xylene	8.17	32188	105.553 ug/L
10) T M o-Xylene	8.79	14236	56.850 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	21375	53.775 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	16361	55.340 ug/L
14) T Naphthalene	16.07	7248	47.395 ug/L

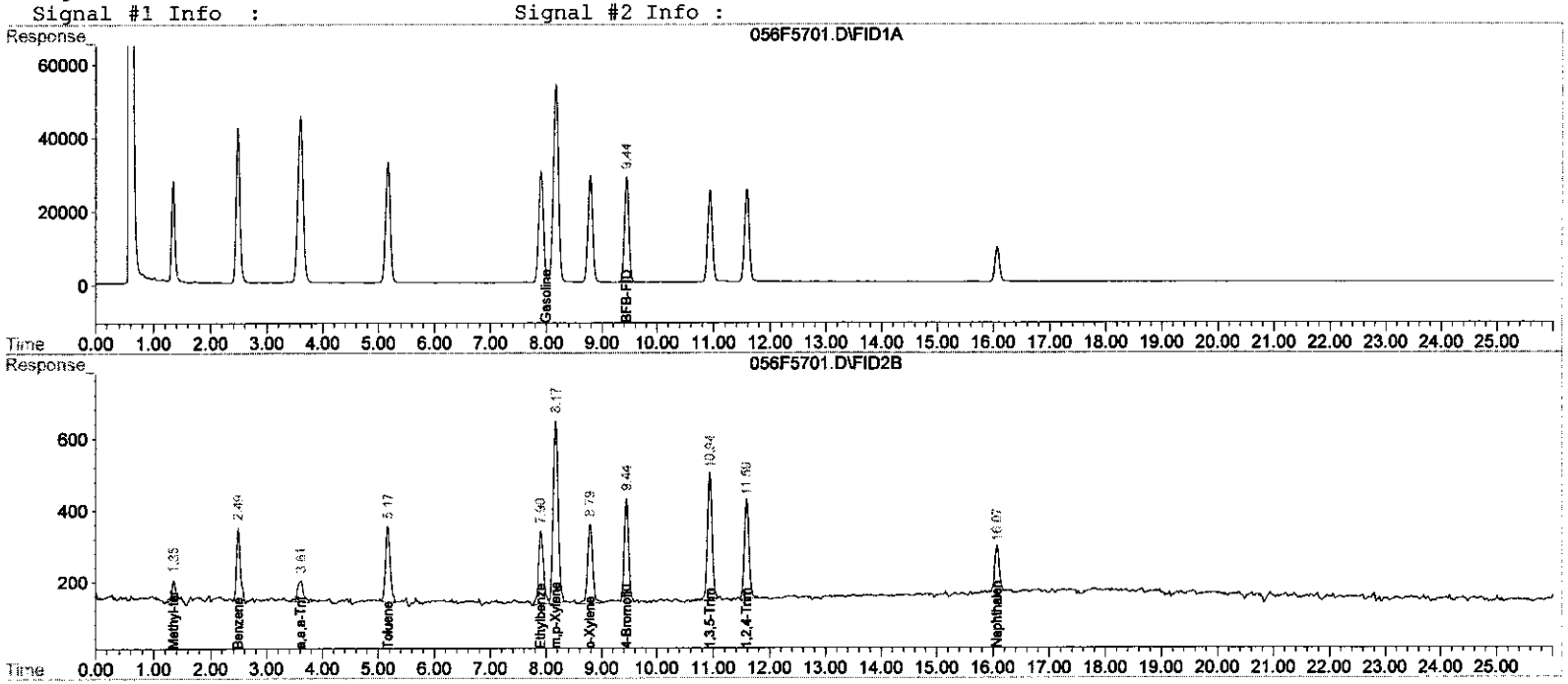
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\056F5701.D\FID1A.CH Vial: 56
Acq On : 02-Aug-2005, 18:42:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050801\056F5701.D\FID2B.CH Vial: 56
Acq On : 02-Aug-05, 18:42:20 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 2 20:36 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\001F0101.D\FID1A.CH Vial: 1
Acq On : 02-Aug-2005, 19:33:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\001F0101.D\FID2B.CH Vial: 1
Acq On : 02-Aug-05, 19:33:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:03 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	4219	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1601286	102.529 ug/L
Spiked Amount 100.000		Recovery =	102.53%
11) S 4-Bromofluorobenzene	9.45	15803	106.875 ug/L
Spiked Amount 100.000		Recovery =	106.88%
Target Compounds			
1) H T M Gasoline	8.00	3017957	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

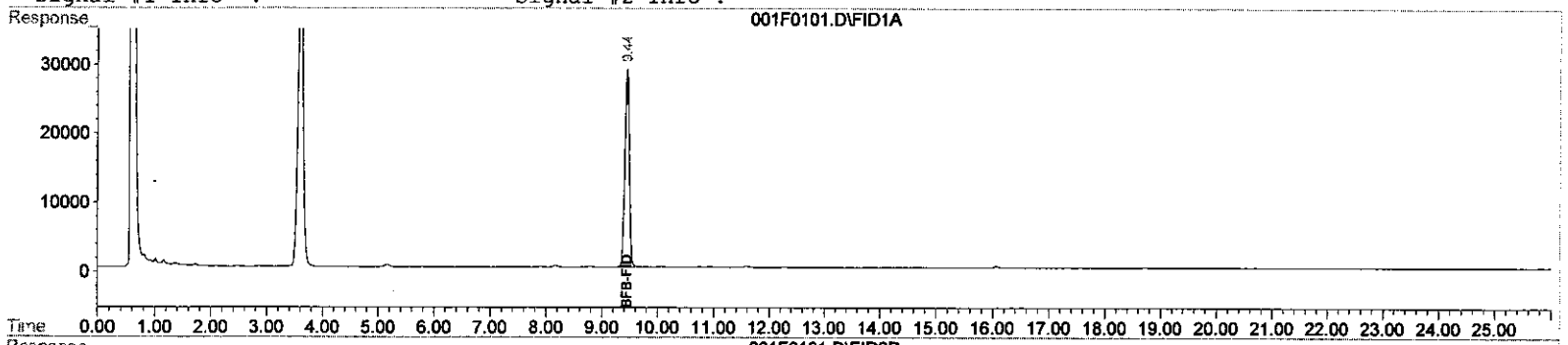
Quantitation Report

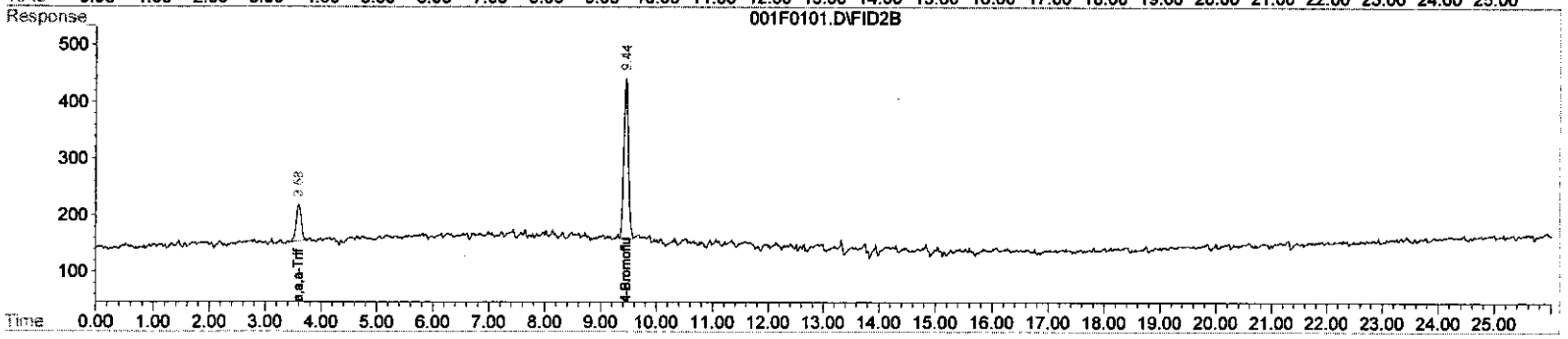
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\001F0101.D\FID1A.CH Vial: 1
Acq On : 02-Aug-2005, 19:33:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\001F0101.D\FID2B.CH Vial: 1
Acq On : 02-Aug-05, 19:33:00 Operator: RG
Sample : MB Aq,,,1 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:03 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\002F0201.D\FID1A.CH Vial: 2
Acq On : 02-Aug-2005, 20:05:19 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\002F0201.D\FID2B.CH Vial: 2
Acq On : 02-Aug-05, 20:05:19 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:56 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	5424	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1681534	107.681 ug/L
Spiked Amount 100.000		Recovery =	107.68%
11) S 4-Bromofluorobenzene	9.45	17082	89.862 ug/L
Spiked Amount 100.000		Recovery =	89.86%
Target Compounds			
1) H T M Gasoline	8.00	38229473	1472.417 ug/L
5) T Methyl-tert-butyl ether	1.36	1098	24.778 ug/L
6) T M Benzene	2.48	5486	27.157 ug/L
7) T M Toluene	5.17	31857	117.916 ug/L
8) T M Ethylbenzene	7.91	7088	25.225 ug/L
9) T M m,p-Xylene	8.16	33352	95.128 ug/L
10) T M o-Xylene	8.79	10665	36.812 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	8269	18.141 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	19458	57.436 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

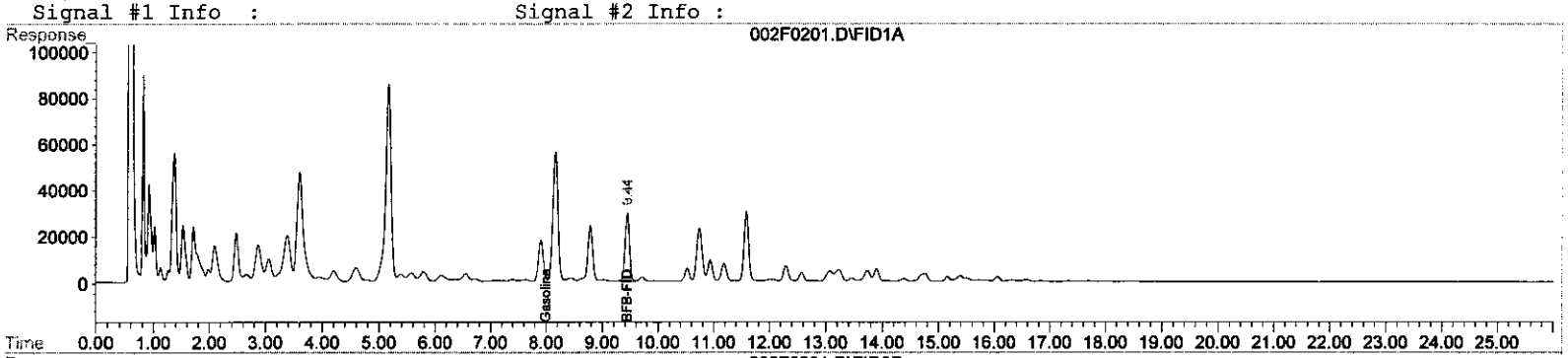
Quantitation Report

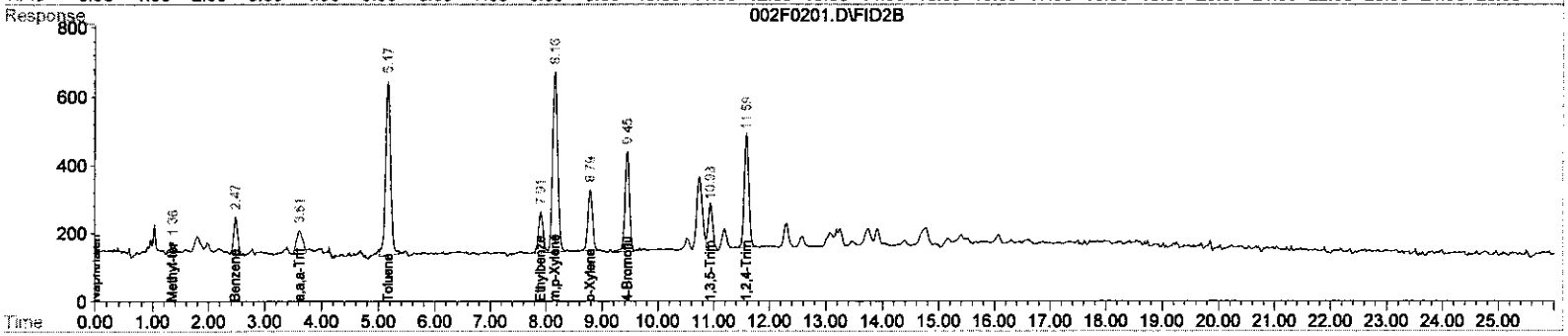
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\002F0201.D\FID1A.CH Vial: 2
Acq On : 02-Aug-2005, 20:05:19 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\002F0201.D\FID2B.CH Vial: 2
Acq On : 02-Aug-05, 20:05:19 Operator: RG
Sample : LCS Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:56 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\003F0301.D\FID1A.CH Vial: 3
Acq On : 02-Aug-2005, 20:37:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\003F0301.D\FID2B.CH Vial: 3
Acq On : 02-Aug-05, 20:37:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:58 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4744	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1700100	108.873 ug/L
Spiked Amount 100.000		Recovery =	108.87%
11) S 4-Bromofluorobenzene	9.45	16425	98.799 ug/L
iked Amount 100.000		Recovery =	98.80%
Target Compounds			
1) H T M Gasoline	8.00	39947015	1544.694 ug/L
5) T Methyl-tert-butyl ether	1.35	1412	36.677 ug/L
6) T M Benzene	2.49	5079	28.664 ug/L
7) T M Toluene	5.17	32752	138.798 ug/L
8) T M Ethylbenzene	7.91	7436	30.759 ug/L
9) T M m,p-Xylene	8.16	34239	112.112 ug/L
10) T M o-Xylene	8.79	11394	45.179 ug/L m
12) T 1,3,5-Trimethylbenzene	10.94	9504	23.842 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	21970	74.482 ug/L
14) T Naphthalene	16.07	1388	12.202 ug/L

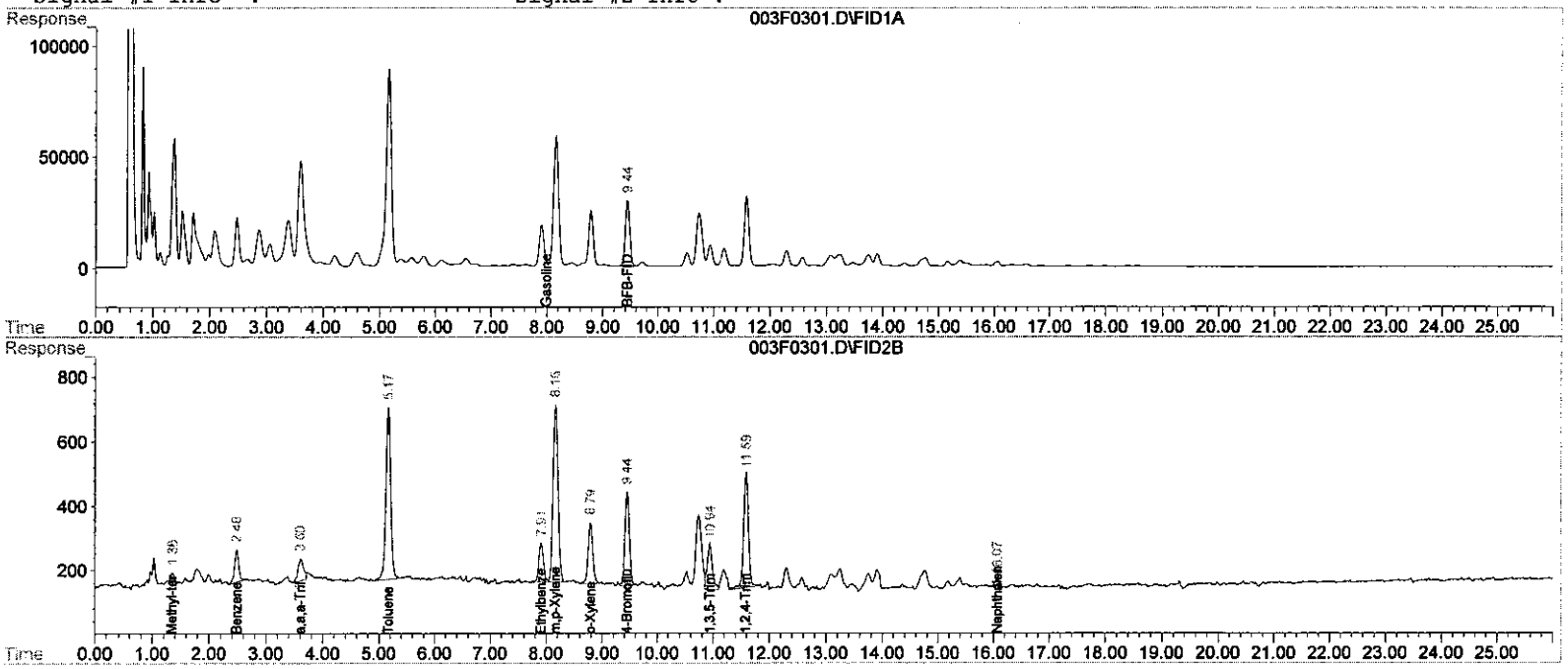
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\003F0 1.D\FID1A.CH Vial: 3
Acq On : 02-Aug-2005, 20:37:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\003F0301.D\FID2B.CH Vial: 3
Acq On : 02-Aug-05, 20:37:12 Operator: RG
Sample : LCSD Aq,,,2 Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:58 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\011F1101.D\FID1A.CH Vial: 11
Acq On : 03-Aug-2005, 00:54:03 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\011F1101.D\FID2B.CH Vial: 11
Acq On : 03-Aug-05, 00:54:03 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:54 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.62	4742	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1623293	103.942 ug/L
Spiked Amount 100.000		Recovery =	103.94%
11) S 4-Bromofluorobenzene	9.45	15730	94.653 ug/L
iked Amount 100.000		Recovery =	94.65%
Target Compounds			
1) H T M Gasoline	8.00	24701150	903.124 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.49	3060	17.860 ug/L
7) T M Toluene	5.17	20557	86.779 ug/L
8) T M Ethylbenzene	7.92	4531	17.781 ug/L
9) T M m,p-Xylene	8.17	19748	63.604 ug/L
10) T M o-Xylene	8.79	6436	25.118 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	5088	12.770 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	11630	38.910 ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

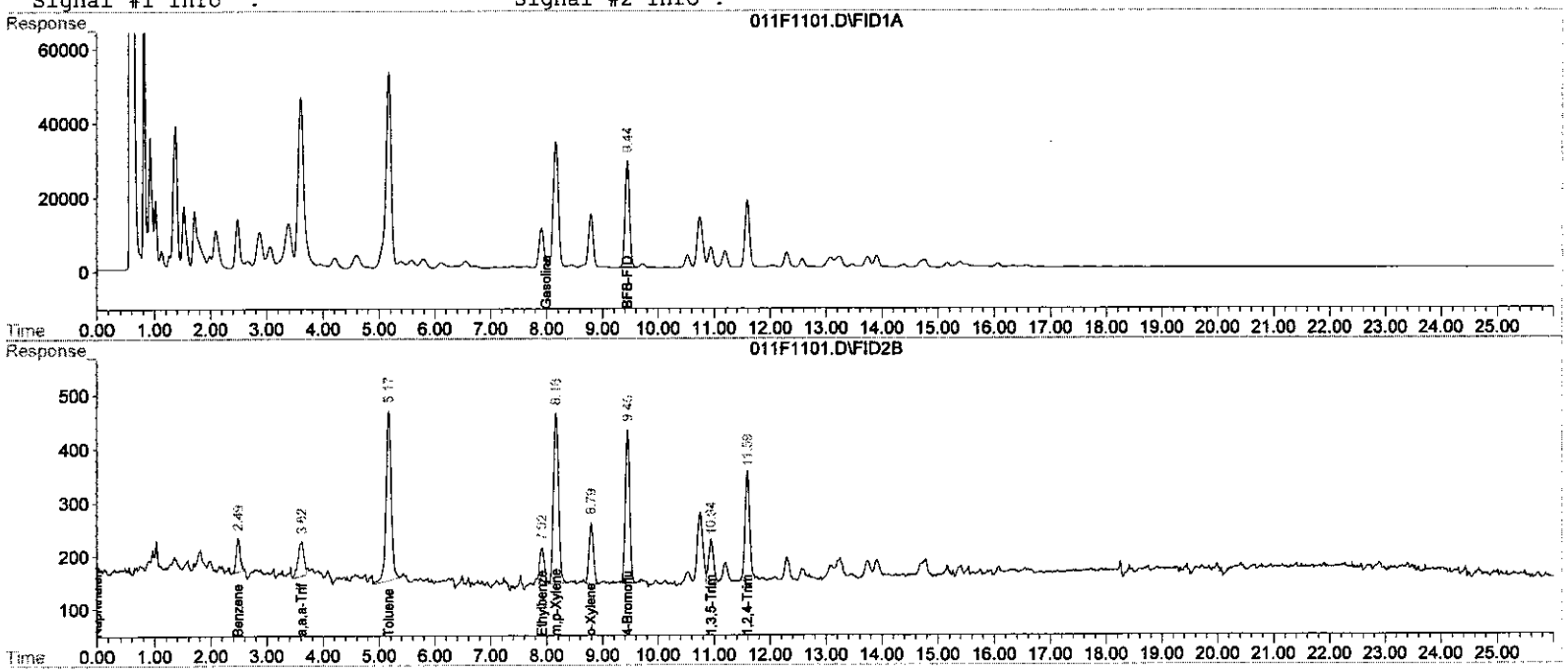
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\011F1101.D\FID1A.CH Vial: 11
Acq On : 03-Aug-2005, 00:54:03 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\011F1101.D\FID2B.CH Vial: 11
Acq On : 03-Aug-05, 00:54:03 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:54 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\012F1201.D\FID1A.CH Vial: 12
Acq On : 03-Aug-2005, 01:25:38 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\012F1201.D\FID2B.CH Vial: 12
Acq On : 03-Aug-05, 01:25:38 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:54 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4907	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1589122	101.748 ug/L
Spiked Amount 100.000		Recovery =	101.75%
11) S 4-Bromofluorobenzene	9.45	16100	93.617 ug/L
iked Amount 100.000		Recovery =	93.62%
Target Compounds			
1) H T M Gasoline	8.00	18691070	650.211 ug/L
5) T Methyl-tert-butyl ether	1.35	1747	43.959 ug/L
6) T M Benzene	2.49	8763	46.822 ug/L
7) T M Toluene	5.17	13778	55.850 ug/L
8) T M Ethylbenzene	7.91	13041	53.864 ug/L
9) T M m,p-Xylene	8.17	33836	106.983 ug/L
10) T M o-Xylene	8.79	13938	53.596 ug/L m
12) T 1,3,5-Trimethylbenzene	10.94	22891	55.511 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	16822	54.835 ug/L
14) T Naphthalene	16.07	8312	51.982 ug/L

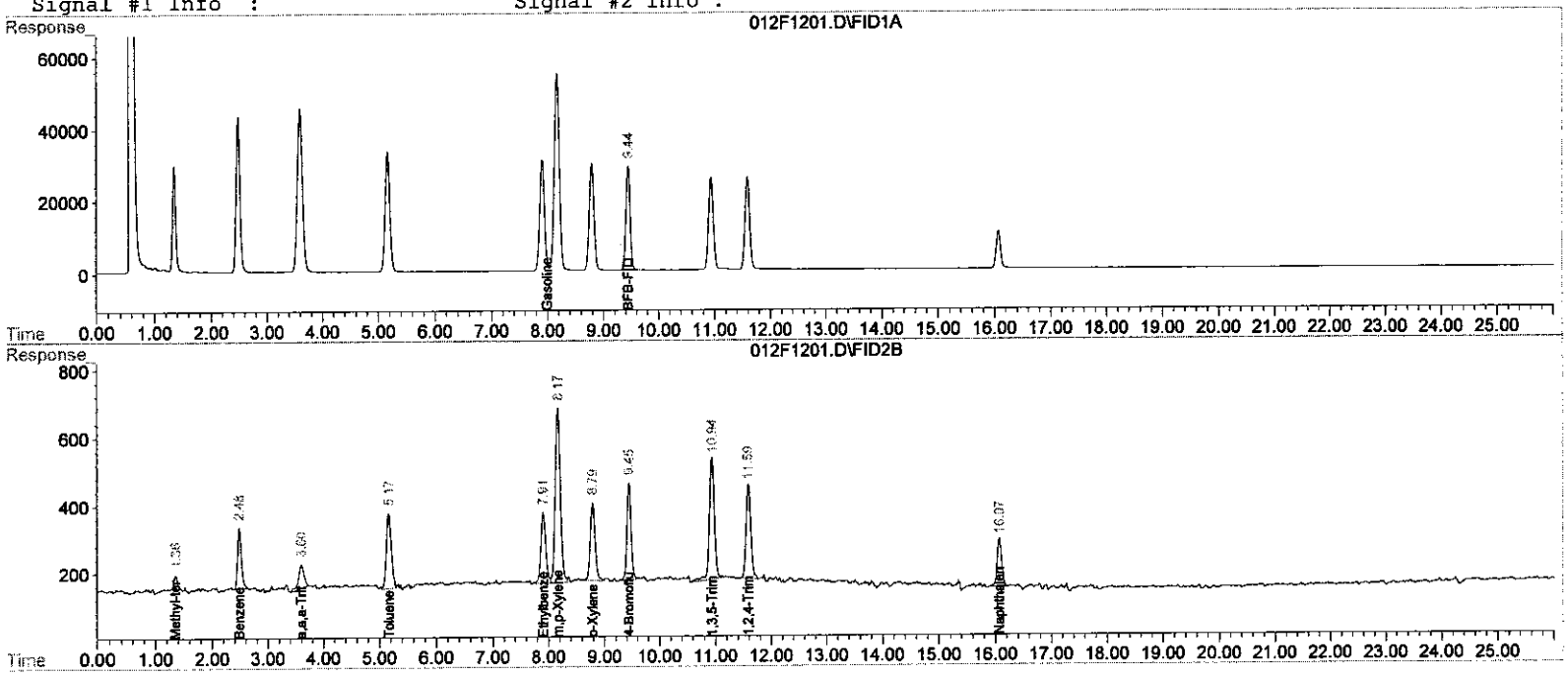
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\012F1 1.D\FID1A.CH Vial: 12
Acq On : 03-Aug-2005, 01:25:38 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\012F1201.D\FID2B.CH Vial: 12
Acq On : 03-Aug-05, 01:25:38 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:54 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\013F1301.D\FID1A.CH Vial: 13
Acq On : 03-Aug-2005, 01:57:48 Operator: RG
Sample : 1918-0019,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\013F1301.D\FID2B.CH Vial: 13
Acq On : 03-Aug-05, 01:57:48 Operator: RG
Sample : 1918-0019,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4348	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1587744	101.660 ug/L
Spiked Amount 100.000		Recovery =	101.66%
11) S 4-Bromofluorobenzene	9.45	15874	104.182 ug/L
iked Amount 100.000		Recovery =	104.18%
Target Compounds			
1) H T M Gasoline	8.00	2977279	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

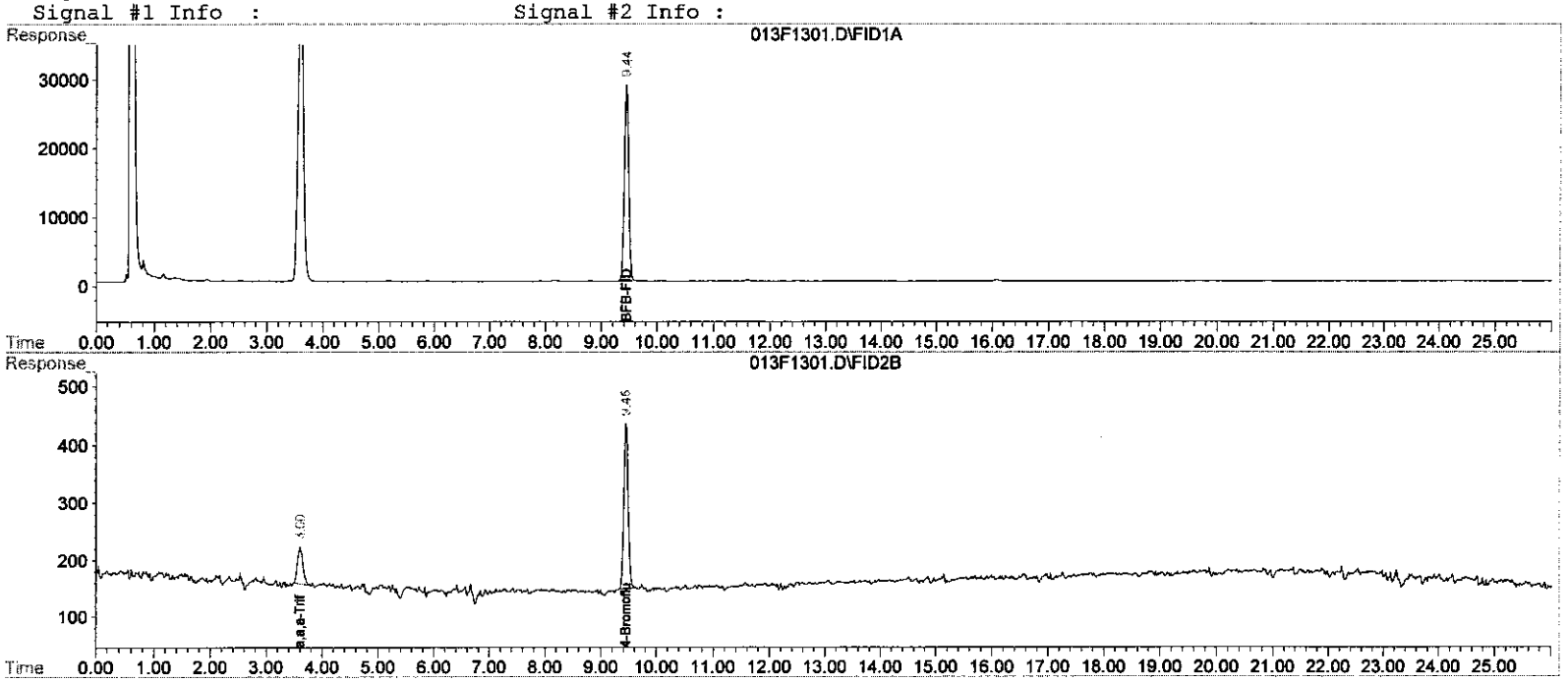
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\013F. 1.D\FID1A.CH Vial: 13
Acq On : 03-Aug-2005, 01:57:48 Operator: RG
Sample : 1918-0019,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\013F1301.D\FID2B.CH Vial: 13
Acq On : 03-Aug-05, 01:57:48 Operator: RG
Sample : 1918-0019,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\014F1401.D\FID1A.CH Vial: 14
Acq On : 03-Aug-2005, 02:29:32 Operator: RG
Sample : 1918-0020,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\014F1401.D\FID2B.CH Vial: 14
Acq On : 03-Aug-05, 02:29:32 Operator: RG
Sample : 1918-0020,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 13:06 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4642	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1599714	102.428 ug/L
Spiked Amount 100.000		Recovery =	102.43%
11) S 4-Bromofluorobenzene	9.45	16532	101.627 ug/L
iked Amount 100.000		Recovery =	101.63%
Target Compounds			
1) H T M Gasoline	8.00	2982749	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

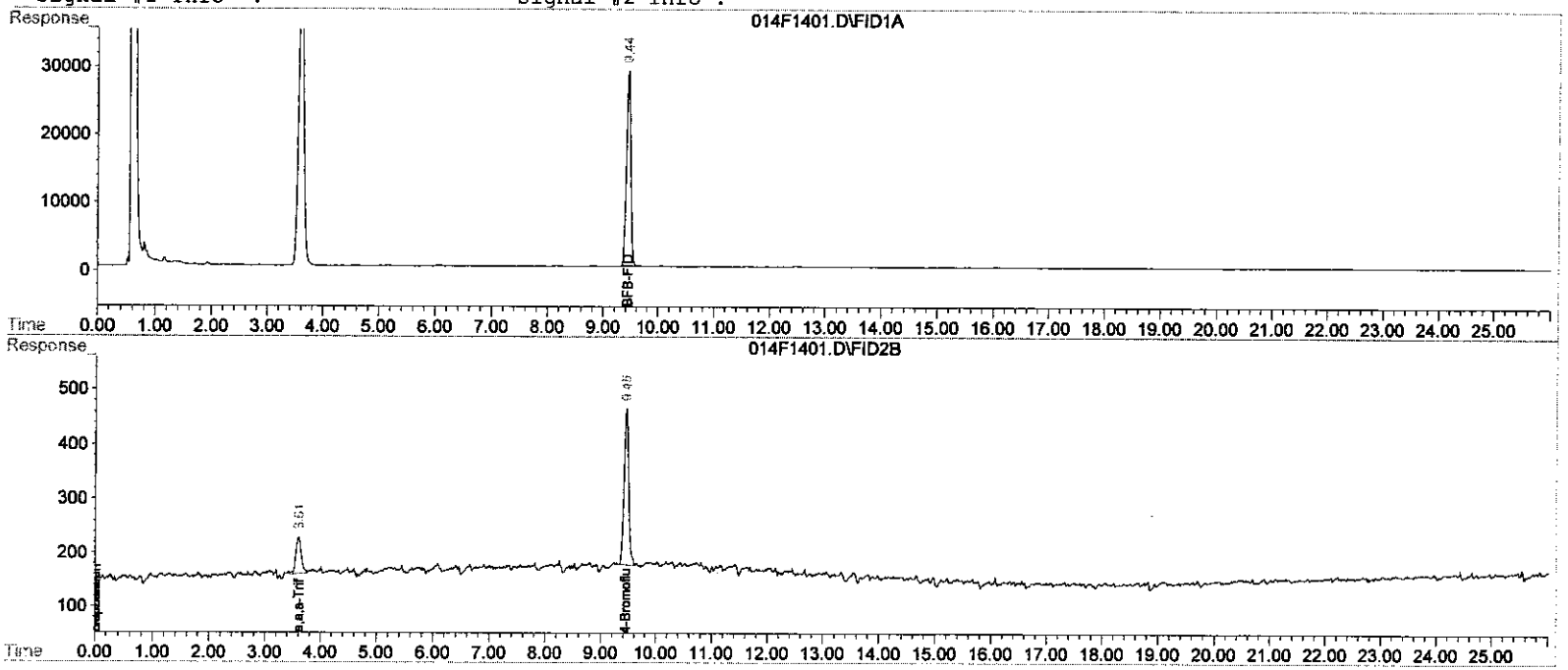
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\014F1401.D\FID1A.CH Vial: 14
Acq On : 03-Aug-2005, 02:29:32 Operator: RG
Sample : 1918-0020,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\014F1401.D\FID2B.CH Vial: 14
Acq On : 03-Aug-05, 02:29:32 Operator: RG
Sample : 1918-0020,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 13:06 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\015F1501.D\FID1A.CH Vial: 15
Acq On : 03-Aug-2005, 03:02:22 Operator: RG
Sample : 1918-0021,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\015F1501.D\FID2B.CH Vial: 15
Acq On : 03-Aug-05, 03:02:22 Operator: RG
Sample : 1918-0021,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4496	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1585051	101.487 ug/L
Spiked Amount 100.000		Recovery =	101.49%
11) S 4-Bromofluorobenzene	9.45	15894	100.871 ug/L
Spiked Amount 100.000		Recovery =	100.87%
Target Compounds			
1) H T M Gasoline	8.00	3217851	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

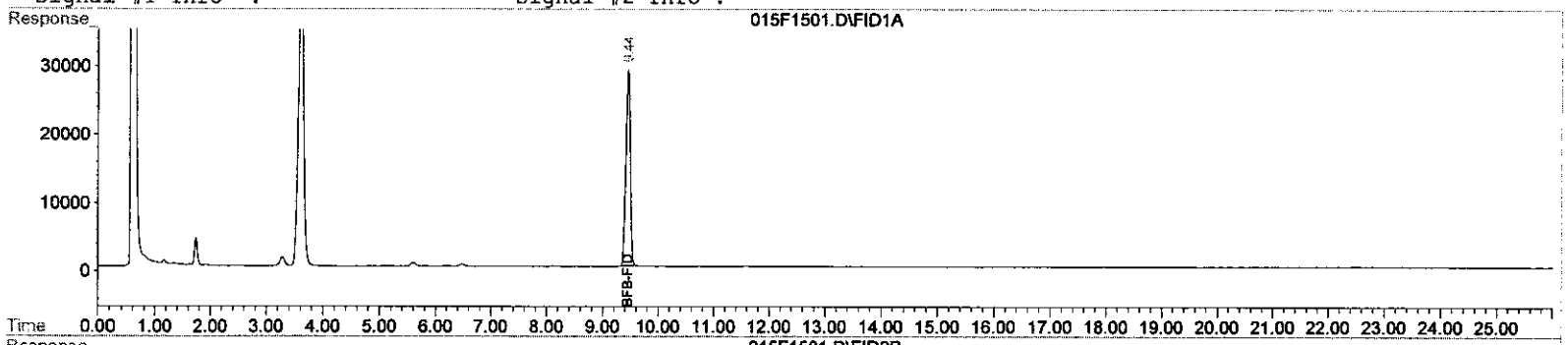
Quantitation Report

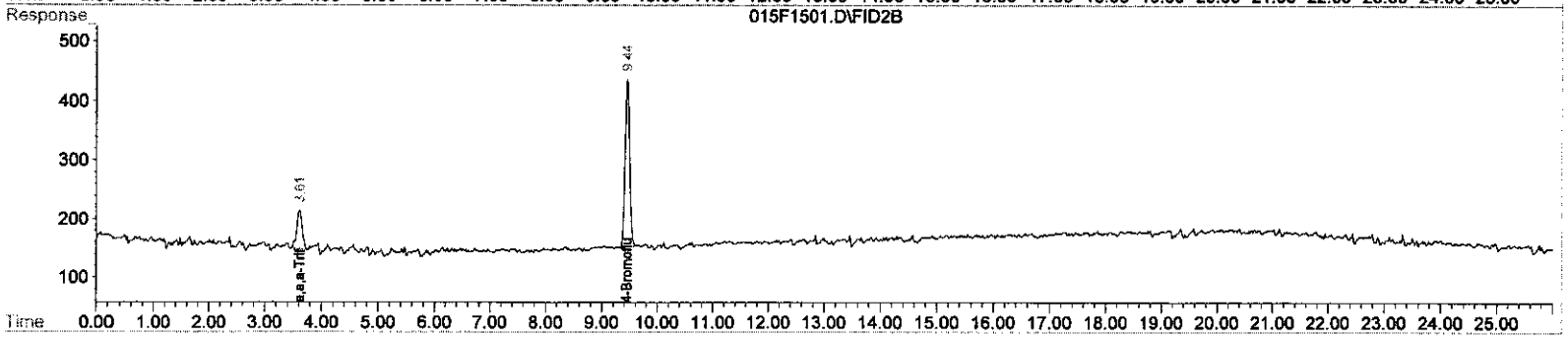
Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\015F. J1.D\FID1A.CH Vial: 15
Acq On : 03-Aug-2005, 03:02:22 Operator: RG
Sample : 1918-0021,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\015F1501.D\FID2B.CH Vial: 15
Acq On : 03-Aug-05, 03:02:22 Operator: RG
Sample : 1918-0021,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\016F1601.D\FID1A.CH Vial: 16
Acq On : 03-Aug-2005, 03:34:08 Operator: RG
Sample : 1918-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\016F1601.D\FID2B.CH Vial: 16
Acq On : 03-Aug-05, 03:34:08 Operator: RG
Sample : 1918-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 13:07 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.60	4091	100.000 ug/L m
System Monitoring Compounds			
2) S BFB-FID	9.44	1595393	102.151 ug/L
Spiked Amount 100.000		Recovery =	102.15%
11) S 4-Bromofluorobenzene	9.45	17136	119.512 ug/L
Spiked Amount 100.000		Recovery =	119.51%
Target Compounds			
1) H T M Gasoline	8.00	3163234	N.D. ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	1.472 ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	3.895 ug/L

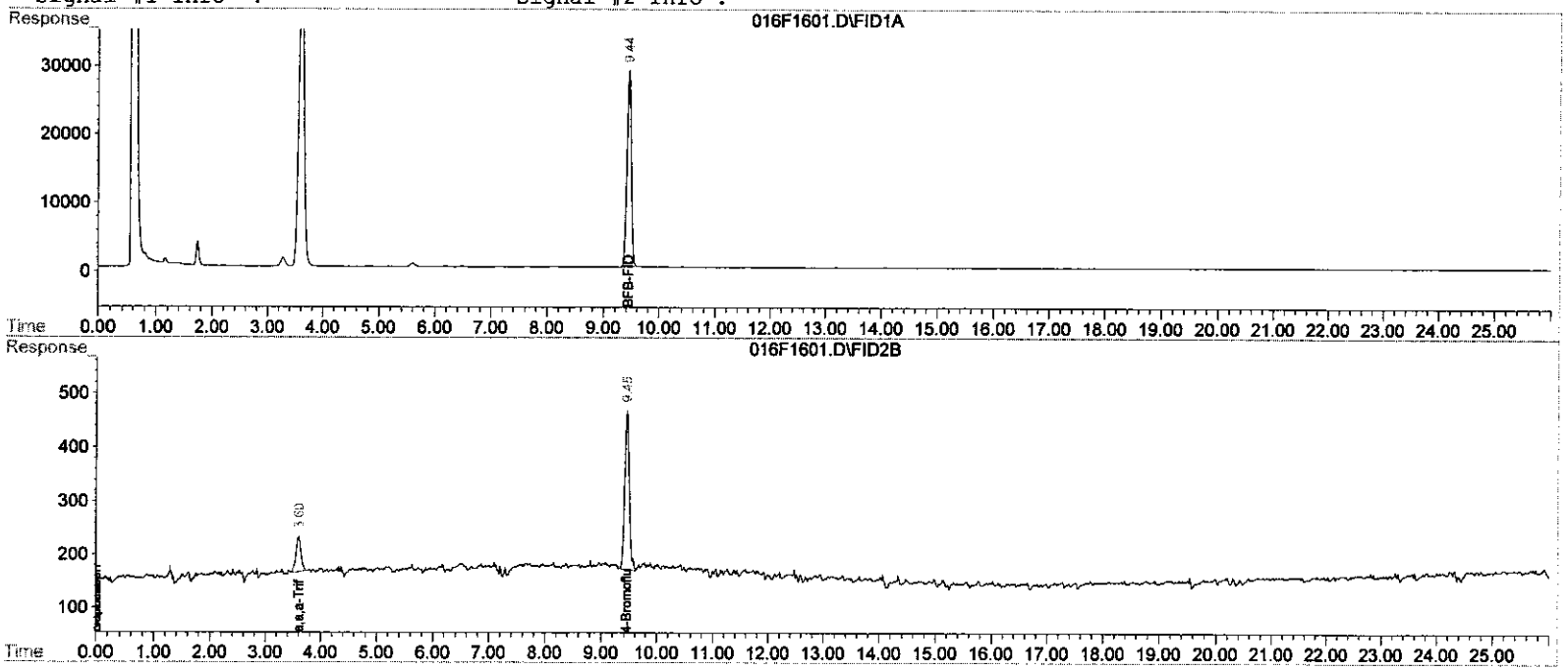
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\016F 01.D\FID1A.CH Vial: 16
Acq On : 03-Aug-2005, 03:34:08 Operator: RG
Sample : 1918-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\016F1601.D\FID2B.CH Vial: 16
Acq On : 03-Aug-05, 03:34:08 Operator: RG
Sample : 1918-0022,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 13:07 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\017F1701.D\FID1A.CH Vial: 17
Acq On : 03-Aug-2005, 04:06:53 Operator: RG
Sample : 1918-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\017F1701.D\FID2B.CH Vial: 17
Acq On : 03-Aug-05, 04:06:53 Operator: RG
Sample : 1918-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	4856	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1579339	101.120 ug/L
Spiked Amount 100.000		Recovery =	101.12%
11) S 4-Bromofluorobenzene	9.45	15695	92.217 ug/L
Spiked Amount 100.000		Recovery =	92.22%
Target Compounds			
1) H T M Gasoline	8.00	3879456	26.915 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	0.00	0	N.D. ug/L
7) T M Toluene	0.00	0	N.D. ug/L
8) T M Ethylbenzene	0.00	0	N.D. ug/L
9) T M m,p-Xylene	0.00	0	N.D. ug/L
10) T M o-Xylene	0.00	0	N.D. ug/L
12) T 1,3,5-Trimethylbenzene	0.00	0	N.D. ug/L
13) T 1,2,4-Trimethylbenzene	0.00	0	N.D. ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

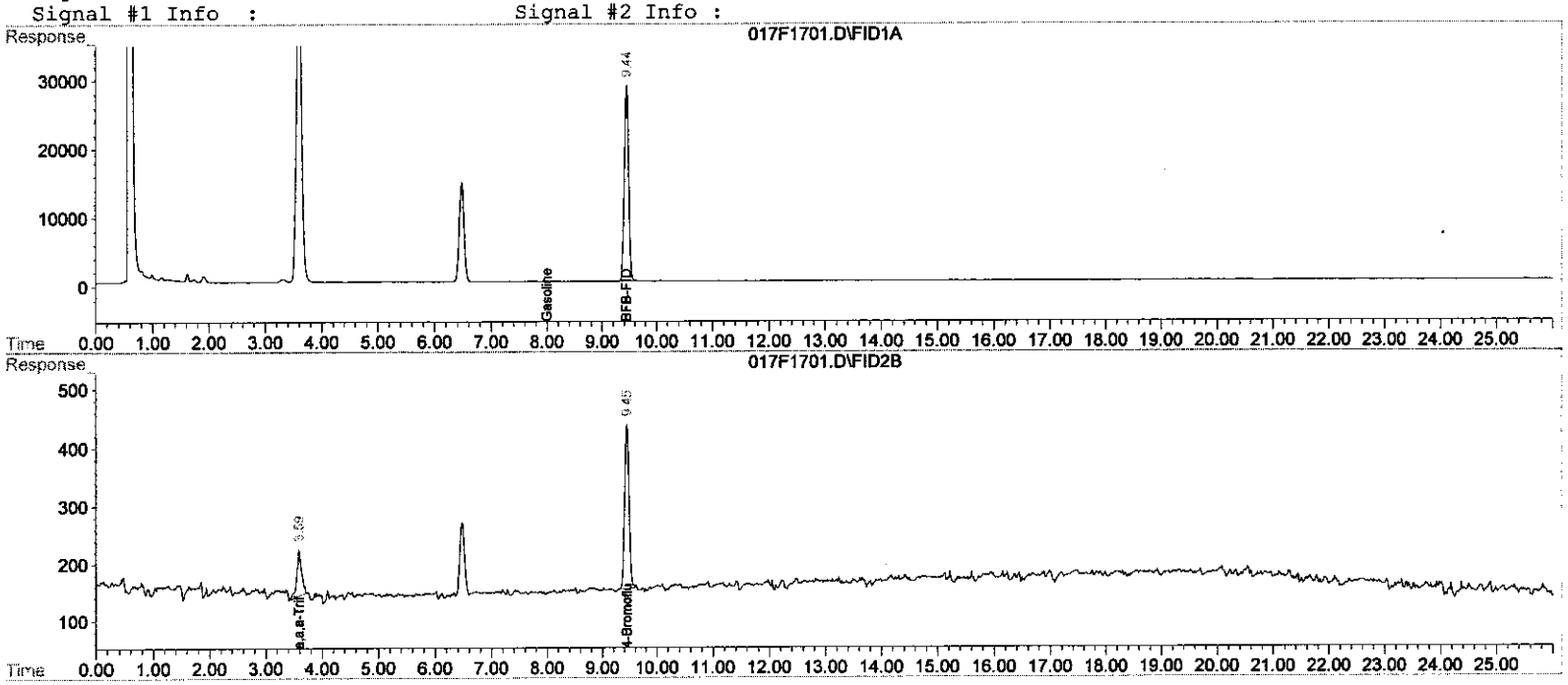
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\017F1701.D\FID1A.CH Vial: 17
Acq On : 03-Aug-2005, 04:06:53 Operator: RG
Sample : 1918-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\017F1701.D\FID2B.CH Vial: 17
Acq On : 03-Aug-05, 04:06:53 Operator: RG
Sample : 1918-0023,,, Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\018F1801.D\FID1A.CH Vial: 18
Acq On : 03-Aug-2005, 04:38:42 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\018F1801.D\FID2B.CH Vial: 18
Acq On : 03-Aug-05, 04:38:42 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.59	4289	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1633834	104.619 ug/L
Spiked Amount 100.000		Recovery =	104.62%
11) S 4-Bromofluorobenzene	9.44	16259	108.179 ug/L
Spiked Amount 100.000		Recovery =	108.18%
Target Compounds			
1) H T M Gasoline	8.00	24030063	874.884 ug/L
5) T Methyl-tert-butyl ether	0.00	0	N.D. ug/L
6) T M Benzene	2.47	3109	19.883 ug/L
7) T M Toluene	5.16	18381	85.782 ug/L
8) T M Ethylbenzene	7.90	4011	17.353 ug/L
9) T M m,p-Xylene	8.16	19337	69.075 ug/L
10) T M o-Xylene	8.79	6540	28.340 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	4671	12.961 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	11336	42.022 ug/L
14) T Naphthalene	0.00	0	N.D. ug/L

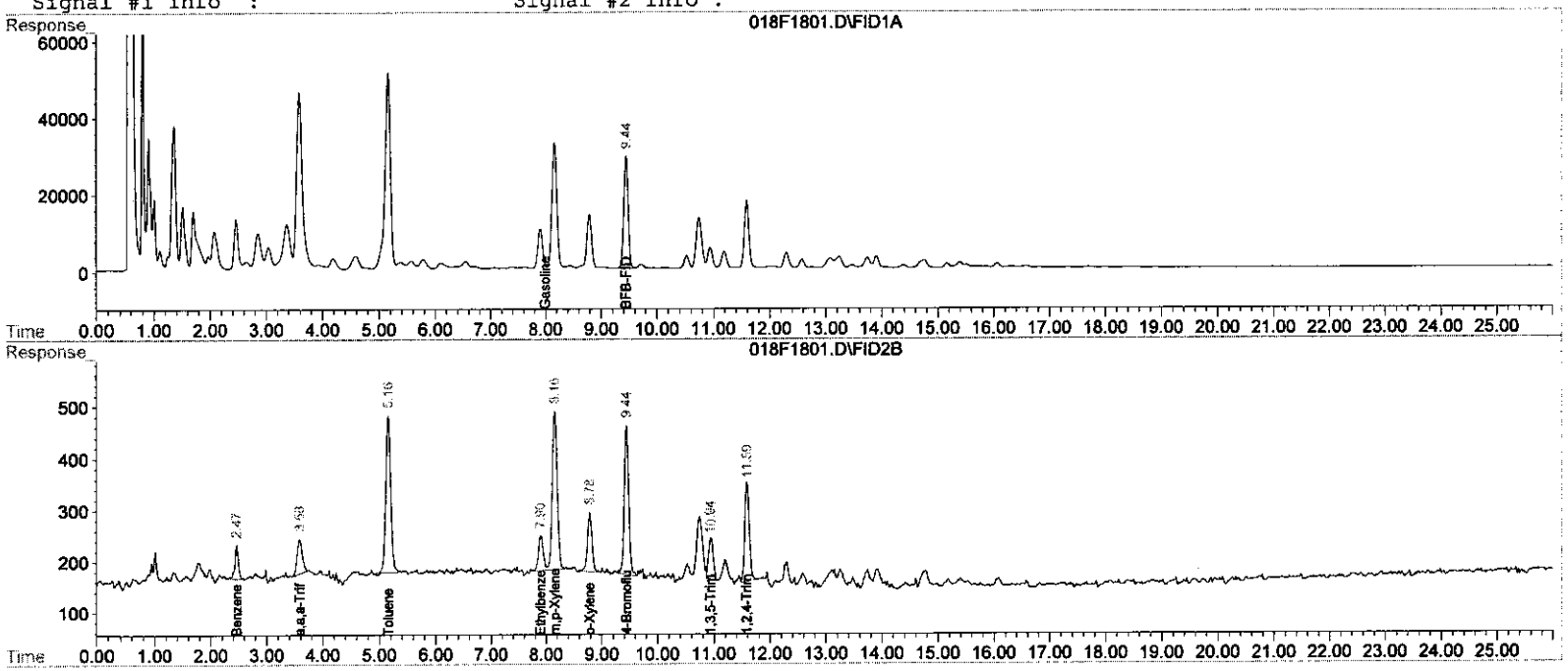
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\018F. J1.D\FID1A.CH Vial: 18
Acq On : 03-Aug-2005, 04:38:42 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\018F1801.D\FID2B.CH Vial: 18
Acq On : 03-Aug-05, 04:38:42 Operator: RG
Sample : GRO CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\019F1901.D\FID1A.CH Vial: 19
Acq On : 03-Aug-2005, 05:11:14 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\019F1901.D\FID2B.CH Vial: 19
Acq On : 03-Aug-05, 05:11:14 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Initial Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
Internal Standards			
4) I a,a,a-Trifluorotoluene IS	3.61	4728	100.000 ug/L
System Monitoring Compounds			
2) S BFB-FID	9.44	1579919	101.158 ug/L
Spiked Amount 100.000		Recovery =	101.16%
11) S 4-Bromofluorobenzene	9.45	15907	95.990 ug/L
Spiked Amount 100.000		Recovery =	95.99%
Target Compounds			
1) H T M Gasoline	8.00	19252563	673.839 ug/L
5) T Methyl-tert-butyl ether	1.35	1367	35.600 ug/L
6) T M Benzene	2.49	10121	55.828 ug/L
7) T M Toluene	5.17	13019	54.753 ug/L
8) T M Ethylbenzene	7.91	12632	54.165 ug/L
9) T M m,p-Xylene	8.17	34850	114.537 ug/L
10) T M o-Xylene	8.79	13773	54.992 ug/L
12) T 1,3,5-Trimethylbenzene	10.94	22522	56.682 ug/L
13) T 1,2,4-Trimethylbenzene	11.59	16754	56.717 ug/L
14) T Naphthalene	16.07	7647	49.809 ug/L

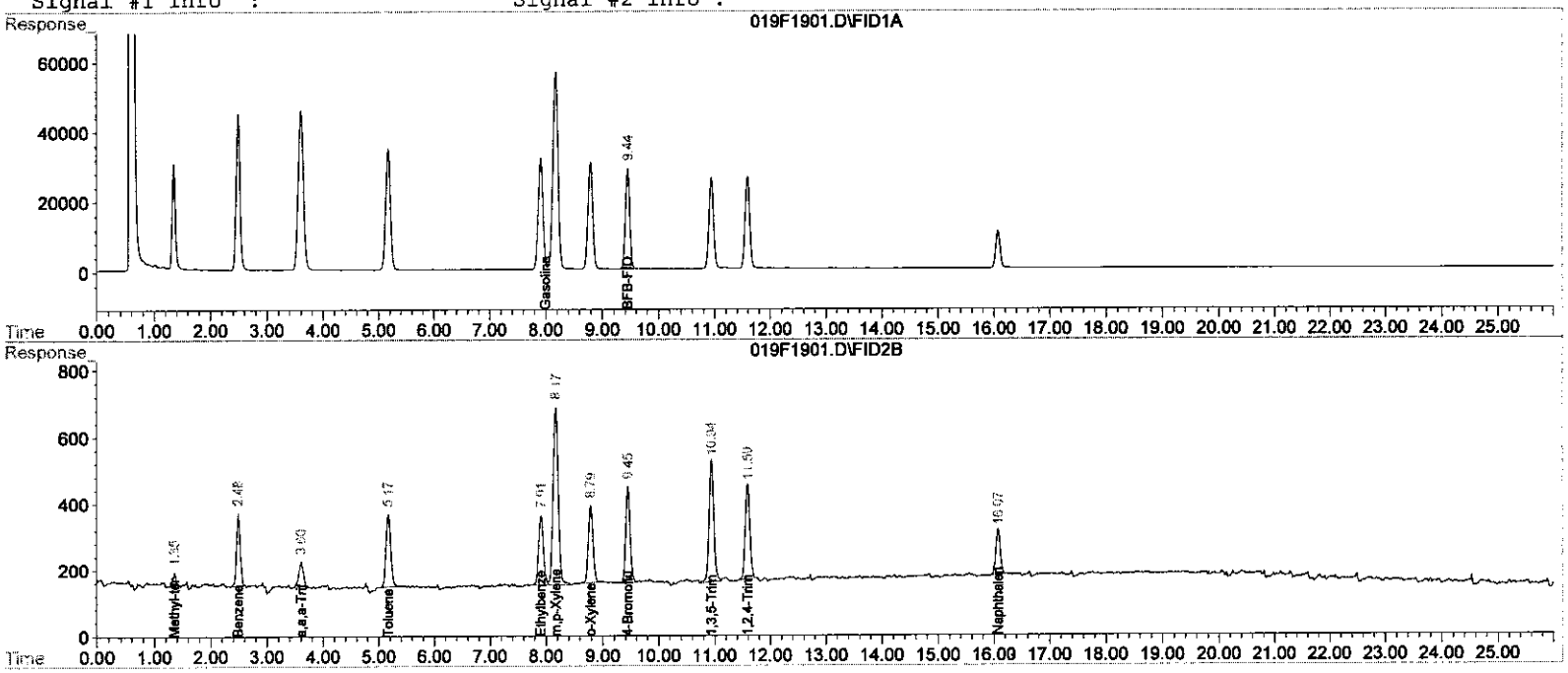
Quantitation Report

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\019F 01.D\FID1A.CH Vial: 19
Acq On : 03-Aug-2005, 05:11:14 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E

Data File : O:\ORGANICS\HPCHEM\17PIDF~1\DATA\050802\019F1901.D\FID2B.CH Vial: 19
Acq On : 03-Aug-05, 05:11:14 Operator: RG
Sample : BTEX CCV Inst : HP5890
Misc : Multiplr: 1.00
IntFile : AUTOINT2.E
Quant Time: Aug 3 12:04 19105 Quant Results File: 0617ARCH.RES

Quant Method : O:\ORGANICS\HPCHEM\17PIDF~1\METHODS\0617ARCH.M (Chemstation Integrator)
Title :
Last Update : Mon Jun 20 10:20:12 2005
Response via : Multiple Level Calibration
DataAcq Meth : 2GROBTEX.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



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Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 6

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	N/A	DCM	N/A	N/A	0101001	1	Aqueous	1	07-02-05	[illegible]	
2		RCM			0201002	2					
3		1000CCV	↓		0301003	3					
4		MB	2010		0401004	4					
5	↓	LCS		↓	0501005	5					
6	05-1897C	0504-2204		SW-1 (MW-3)	0601006	6					
7		-2205		SW-A	0701007	7					
8		-2206		EB	0801008	8					Re-run low surr. [illegible]-04-05
9	↓	↓-2207		FB	0901009	9					
10	05-1917	0504-0008		TB	1001010	10					
11		-0009		FB	1101011	11					
12	↓	-0010		EB	1201012	12					
13	05-1918	↓-00A		JLEI-MW-13	1301013	13					
14	↓	1000CCV	↓	N/A	1401014	14	↓	↓	↓	↓	

Surrogate ID: SUGL-1-020B LCS/MS/MSD Spike ID: SUGL-1-018D ICV/CCV Spike ID: SGSU-1-028 DCM ID: X21828

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

[illegible] 07-04-05 N/A [illegible] 07-04-05

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

Notebook for: LOG BOOK FOR HP 5890 Series II FID/FID FOR DRO Instrument ID: PADC-FID-003 S/N: 3235A44091 Book No.: 6

Line #	Project Number	Lab. Sample Number	Prep. Batch #	Client Name	Data File Name	ALS Position	Matrix	Dilution Factor for GC Analysis	Run Date	Analyst	Comments
1	05-1918	0508-0020	2210	JLCI-HW-C	1501015	15	Aqueous	~~08-03-05~~	08-03-05	R	
2		-0021		EB	1601016	16					
3		-0022a		FB	1701017	17					
4		-0022			1801018	18		~~08-03-05~~	08-03-05		MS
5		-0022			1901019	19					MSD
6	N/A	MB	2211	N/A	2001020	20	Soil				
7		LCS			2101021	21					
8	05-1917	0508-0011		PC-01	2201022	22					
9		-0013		PC-03	2301023	23					
10		-0016		PC-06	2401024	24					
11		1000CCV		N/A	2501025	25					
12		0508-0017		PC-07	2601026	26					
13		-0011		PC-01	2701027	27					MS
14		0011		N/A	2801028	28					MSD
		1000CCV			2901029	29					

Surrogate ID: SVSC-1-0210 LCS/MS/MSD Spike ID: SVSC-1-0197 ICV/CCV Spike ID: SSU-1-0212 DCM ID: X21828

Surrogate ID: N/A LCS/MS/MSD Spike ID: N/A ICV/CCV Spike ID: N/A DCM ID: N/A

Surrogate ID: LCS/MS/MSD Spike ID: ICV/CCV Spike ID: DCM ID:

Form # 2 / PR-O-002 / Rev. 0 / October 25, 2004

DIESEL RANGE ORGANICS (DRO)/OIL RANGE ORGANICS (ORO) EXTRACTION LOG
(MODIFIED)

Book # 3

Item #	Project #	Lab. Sample Number	Batch Number	Date Extracted	By	Volume, mL or Wt, g extracted	Amount of DCM Added, mL	Concentration Factor	Comments (Appearance, Color, Odor, etc.)
1	N/A	MB	2210	08-02-05	[illegible]	30mL	3	10	
2	↓	LCS							
3	05-1890	0507-2204							
4		-2205							
5		-2206							
6	↓	↓-2207							
7	05-1917	0508-0008							
8		-0009							
9	↓	-0010							
10	05-1918	-0019							
11		-0020							
12		-0021							
13		-0022							
14		-0023							
15	↓	↓-0022	↓						
16	N/A	MB	2211			↓	↓	↓	MS
17	↓	LCS				10.04g	10	1	MSD
18	05-1917	0508-0011				10.03g			
19		-0013				10.06g			
20		-0016				9.95g			
21		-0017				10.10g			
22		-0011				9.99g			
24	↓	↓-0011	↓	↓	↓	10.01g			MS
25						9.99g	↓	↓	MSD

Reagents:
DI Water Batch No.: N/A
Methylene Chloride (DCM): Mfg: J.T. Baker Lot: X21828 Exp. Date: 05/08
Sodium Sulfate: Mfg: Baker Lot: [illegible] Exp. Date: 06/10
Surrogate ID: SOGC-1-0306 LCS/MS/MSD ID: SOGC-1-0180

Spike witness: [illegible]

VERIFIED AND APPROVED BY: [illegible]

DATE: 8/2/05

[illegible] 08-02-05 N/A [illegible] 08-02-05

[illegible] 08-02-05

Data File Name **0501005.D**
Date Acquired **02 Aug 2005 18:36**
Method File **DROFID3.M**
Sample Name **lcs 2210**

Name	Amount	True Value	% Recovery	Control Limits	Flags
Pentacosane	26.67	25	107	80-144	Pass
Diesel Range Organics	1184.71	1000	118	70 - 130	Pass

Spike Recovery and RPD Summary Report - WATER

Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrat
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration

n-Spiked Sample: 1701017.D

	Spike Sample	Spike Duplicate Sample
File ID :	1801018.D	1901019.D
Sample :	0508-0022 ms	0508-0022 msd
Acq Time:	03 Aug 2005 00:10	03 Aug 2005 00:36

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Diesel Range Organic	1.1	1000	1164	1229	116	123	5	20	70-130

- Fails Limit Check

050331.M Thu Aug 04 08:39:25 2005 MSAD1

Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\0301003.D Vial: 3
Acq On : 02 Aug 2005 17:44 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation In
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

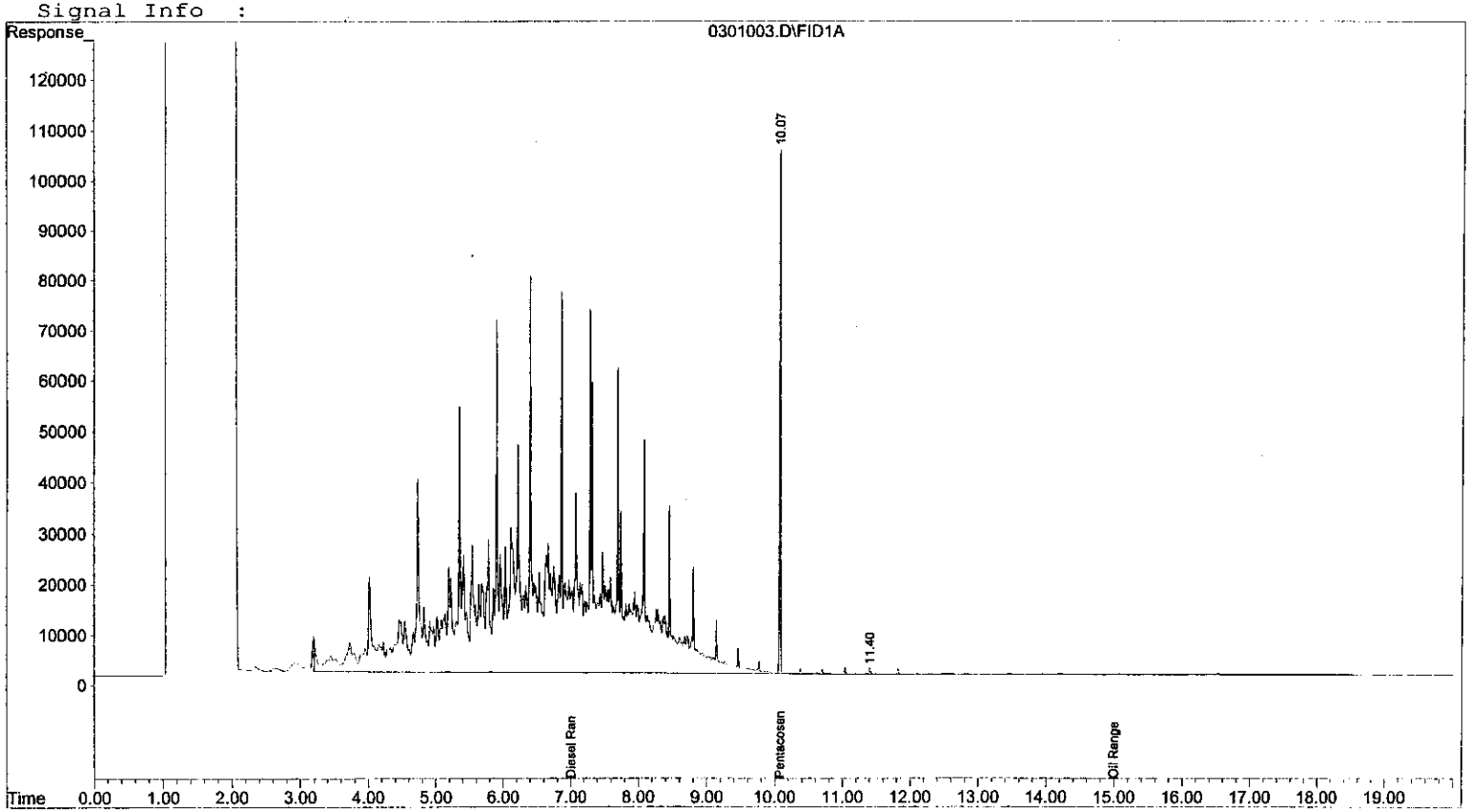
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1102069	27.595 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	110.38% 110%
Target Compounds			
2) H M Diesel Range Organics	7.00	41829082	1026.282 mg/L 103%
3) H Oil Range Organics	15.00	114530	2.810 mg/L

Quantitation Report

D. . File : O:\ORGANICS\HPCHEM\FID-003\DATA\(302\0301003.D Vial: 3
Acq On : 02 Aug 2005 17:44 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:02 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\0401004.D Vial: 4
Acq On : 02 Aug 2005 18:10 Operator: KMI
Sample : mb 2210 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

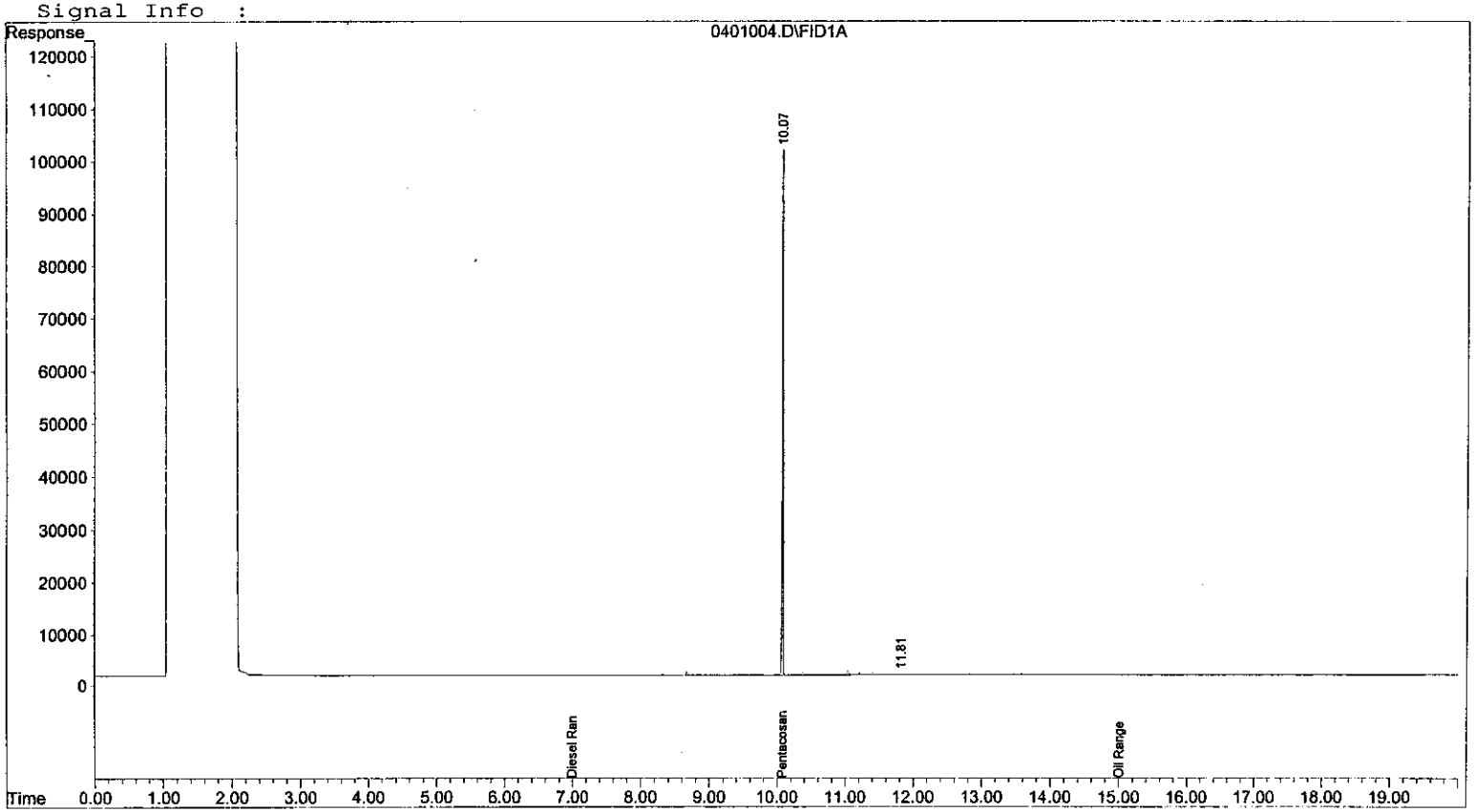
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1084995	27.168 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	108.67% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	71746	1.760 mg/L
3) H Oil Range Organics	15.00	45071	1.106 mg/L

Quantitation Report

D. File : O:\ORGANICS\HPCHEM\FID-003\DATA\(302\0401004.D Vial: 4
Acq On : 02 Aug 2005 18:10 Operator: KMI
Sample : mb 2210 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\0501005.D Vial: 5
Acq On : 02 Aug 2005 18:36 Operator: KMI
Sample : lcs 2210 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

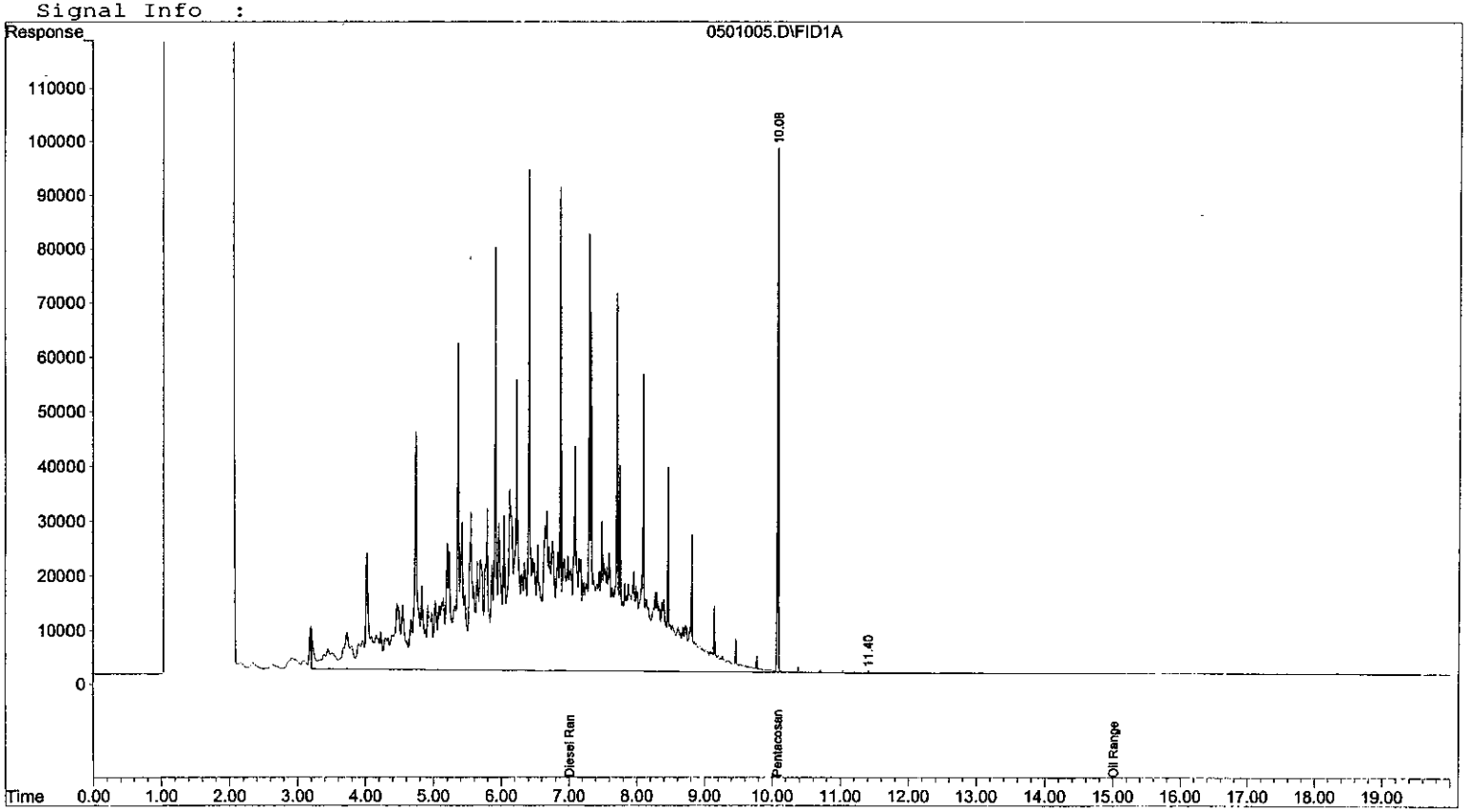
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1065118	26.670 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	106.68% 107%
Target Compounds			
2) H M Diesel Range Organics	7.00	48286140	1184.706 mg/L 118%
3) H Oil Range Organics	15.00	63924	1.568 mg/L

Quantitation Report

D ı File : O:\ORGANICS\HPCHEM\FID-003\DATA\(802\0501005.D Vial: 5
Ac , On : 02 Aug 2005 18:36 Operator: KMI
Sample : lcs 2210 Inst : FID3
Misc : Aqueous Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:03 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\1301013.D Vial: 13
Acq On : 02 Aug 2005 22:02 Operator: KMI
Sample : 0508-0019 Inst : FID3
Misc : JLEI-MW-13 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

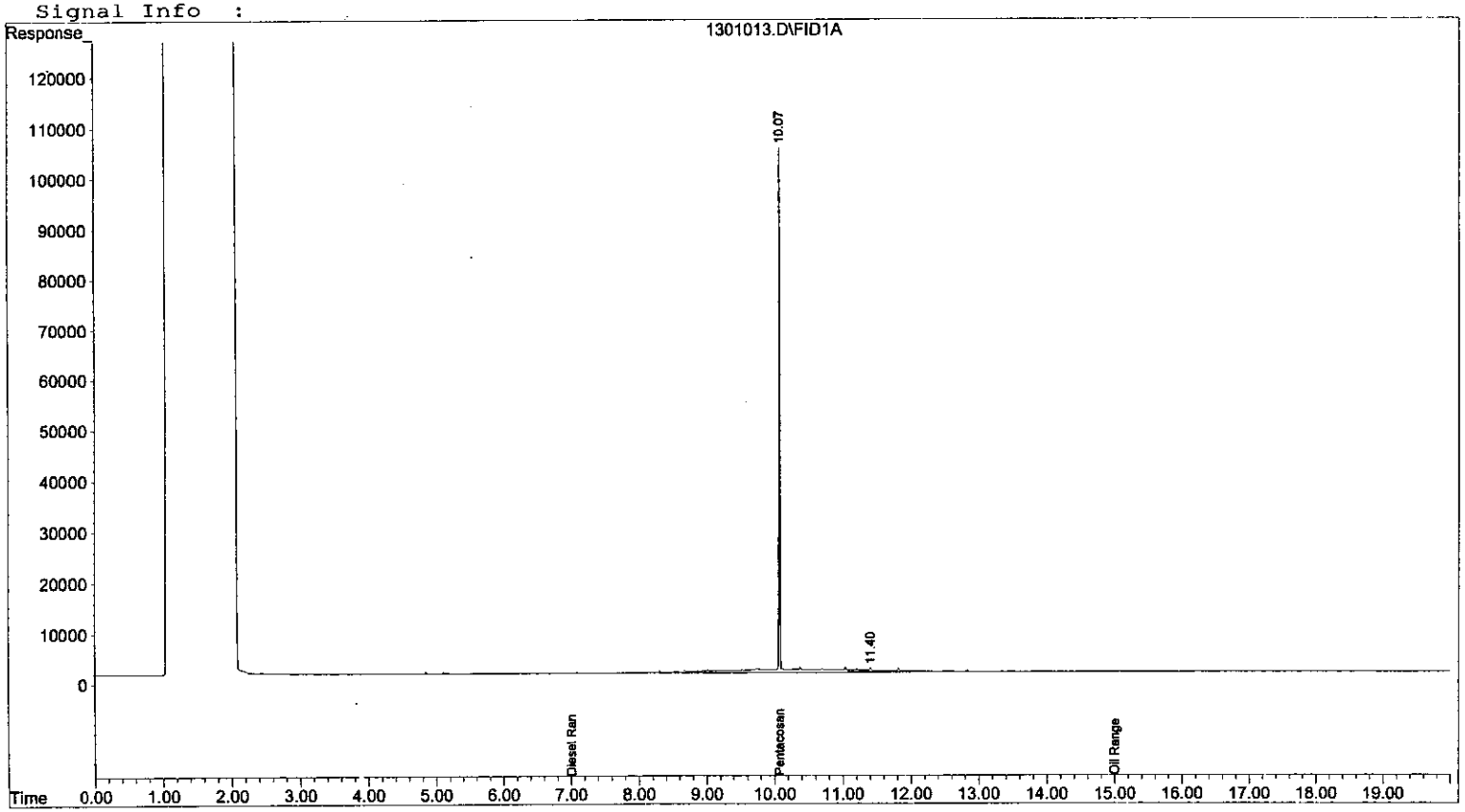
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.07	1084393	27.153 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	108.61% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	149533	3.669 mg/L
3) H Oil Range Organics	15.00	51442	1.262 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0' 02\1301013.D Vial: 13
Acq On : 02 Aug 2005 22:02 Operator: KMI
Sample : 0508-0019 Inst : FID3
Misc : JLEI-MW-13 Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\1401014.D Vial: 14
Acq On : 02 Aug 2005 22:27 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

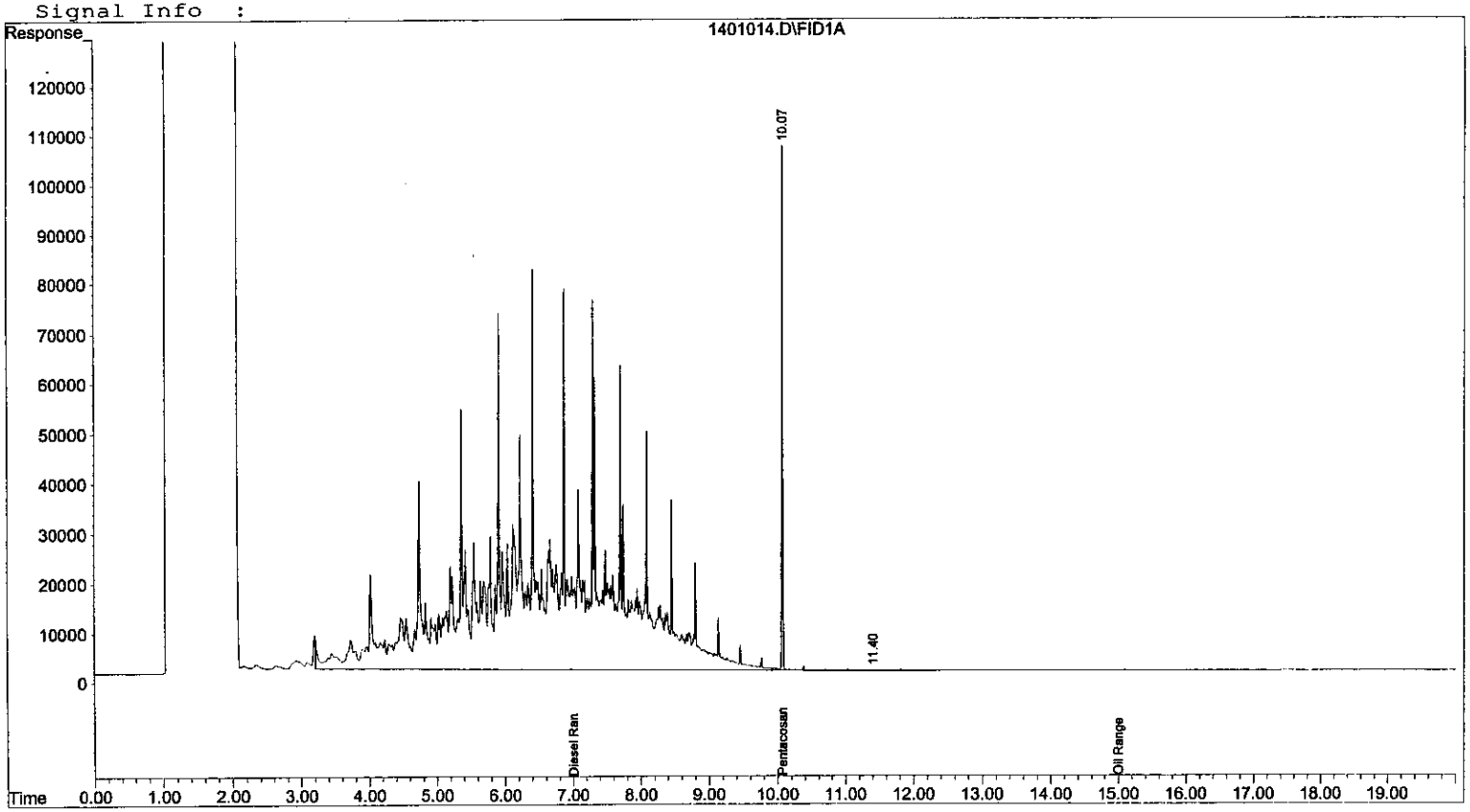
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1121635	28.085 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	112.34% 112%
Target Compounds			
2) H M Diesel Range Organics	7.00	42769020	1049.343 mg/L 105%
3) H Oil Range Organics	15.00	26364	0.647 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0' `02\1401014.D Vial: 14
Acq On : 02 Aug 2005 22:27 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\1501015.D Vial: 15
Acq On : 02 Aug 2005 22:53 Operator: KMI
Sample : 0508-0020 Inst : FID3
Misc : JLEI-MW-C Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

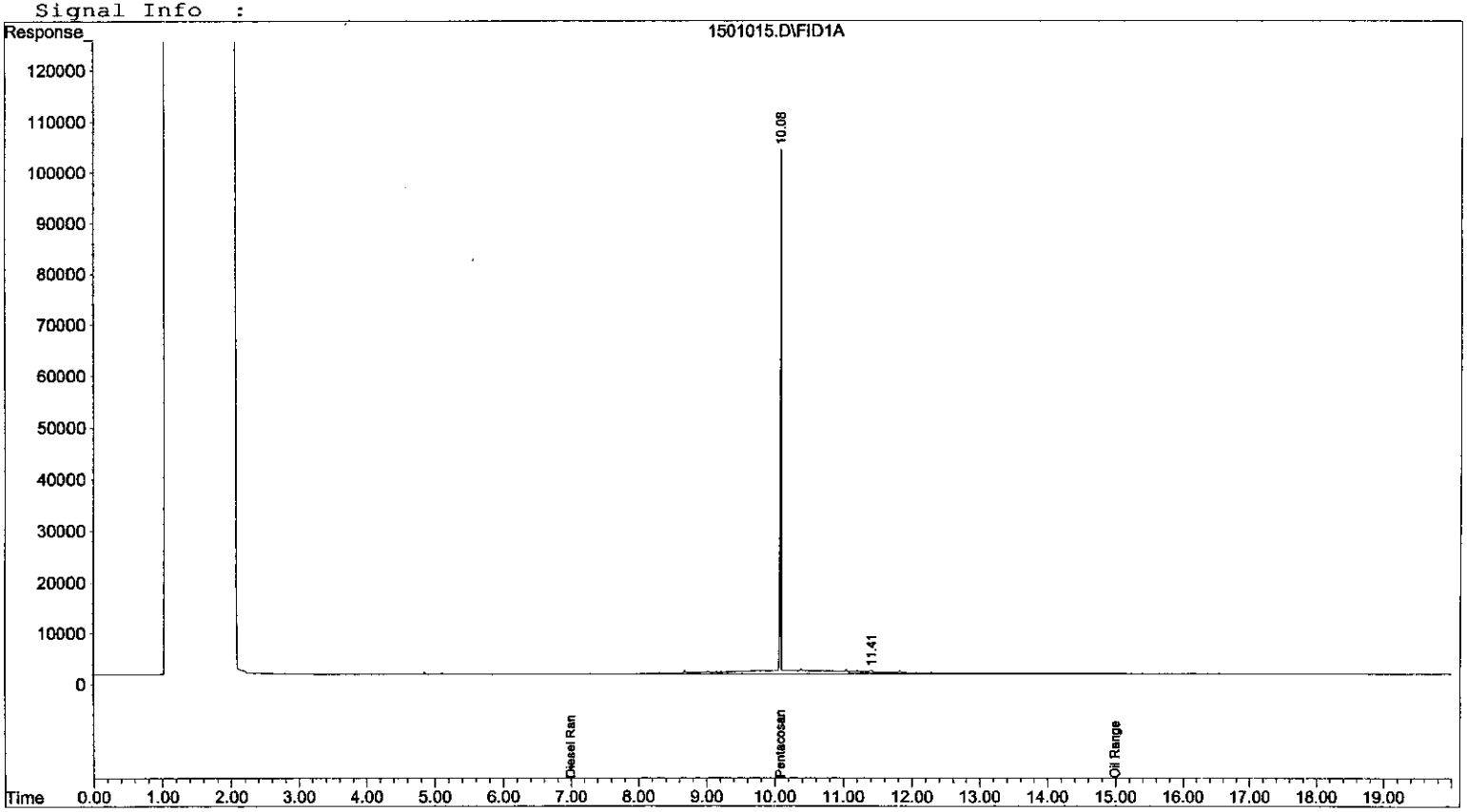
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1091585	27.333 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.33% 109%
Target Compounds			
2) H M Diesel Range Organics	7.00	133863	3.284 mg/L
3) H Oil Range Organics	15.00	29361	0.720 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 02\1501015.D Vial: 15
Acq On : 02 Aug 2005 22:53 Operator: KMI
Sample : 0508-0020 Inst : FID3
Misc : JLEI-MW-C Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:05 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\1601016.D Vial: 16
Acq On : 02 Aug 2005 23:19 Operator: KMI
Sample : 0508-0021 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Ini
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

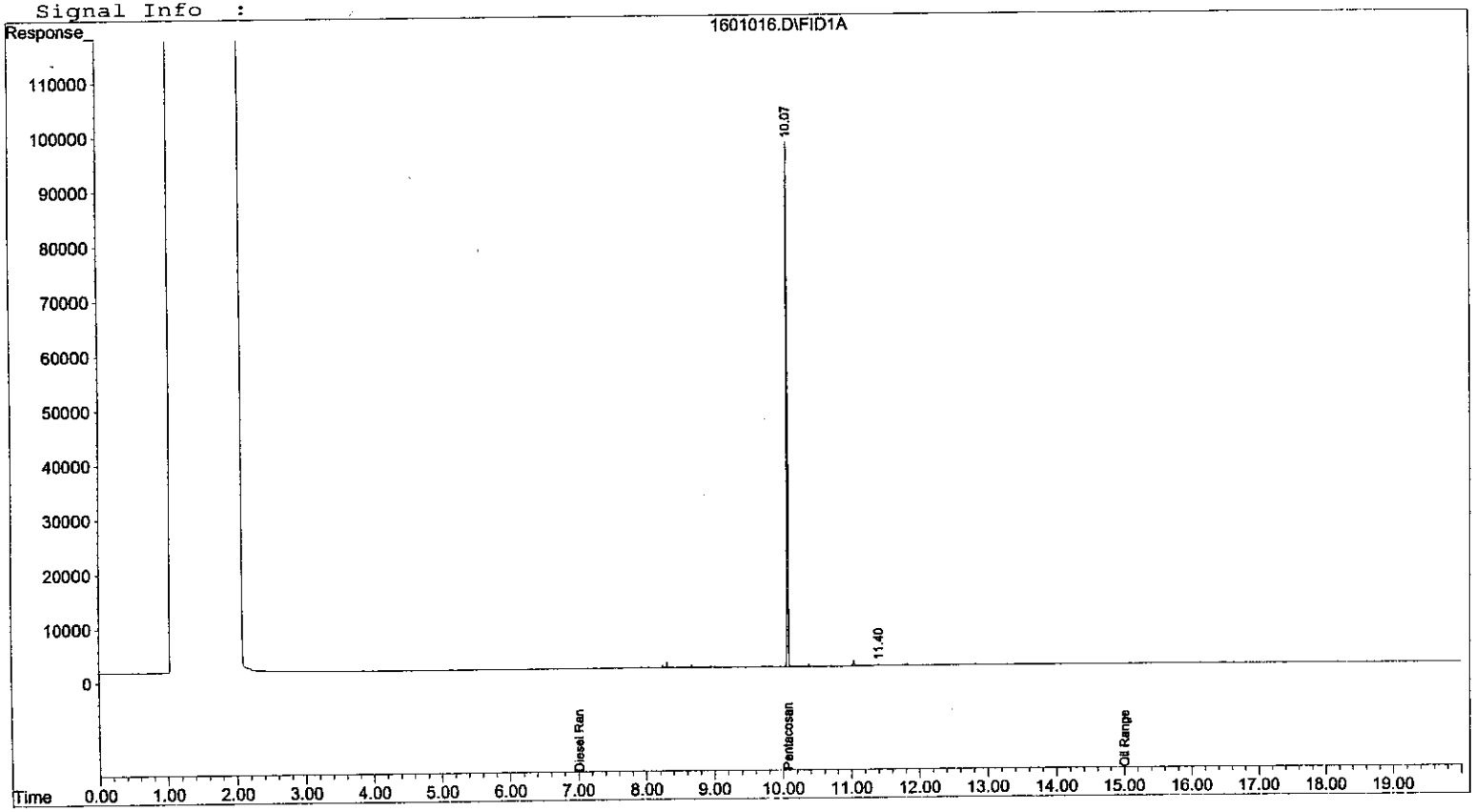
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1037761	25.985 mg/L 104%
Spiked Amount 25.000 Range 80 - 144		Recovery =	103.94%
Target Compounds			
2) H M Diesel Range Organics	7.00	102662	2.519 mg/L
3) H Oil Range Organics	15.00	27618	0.678 mg/L

Quantitation Report

Da. File : O:\ORGANICS\HPCHEM\FID-003\DATA\0! 02\1601016.D Vial: 16
Acq On : 02 Aug 2005 23:19 Operator: KMI
Sample : 0508-0021 Inst : FID3
Misc : EB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\1701017.D Vial: 17
Acq On : 02 Aug 2005 23:45 Operator: KMI
Sample : 0508-0022 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

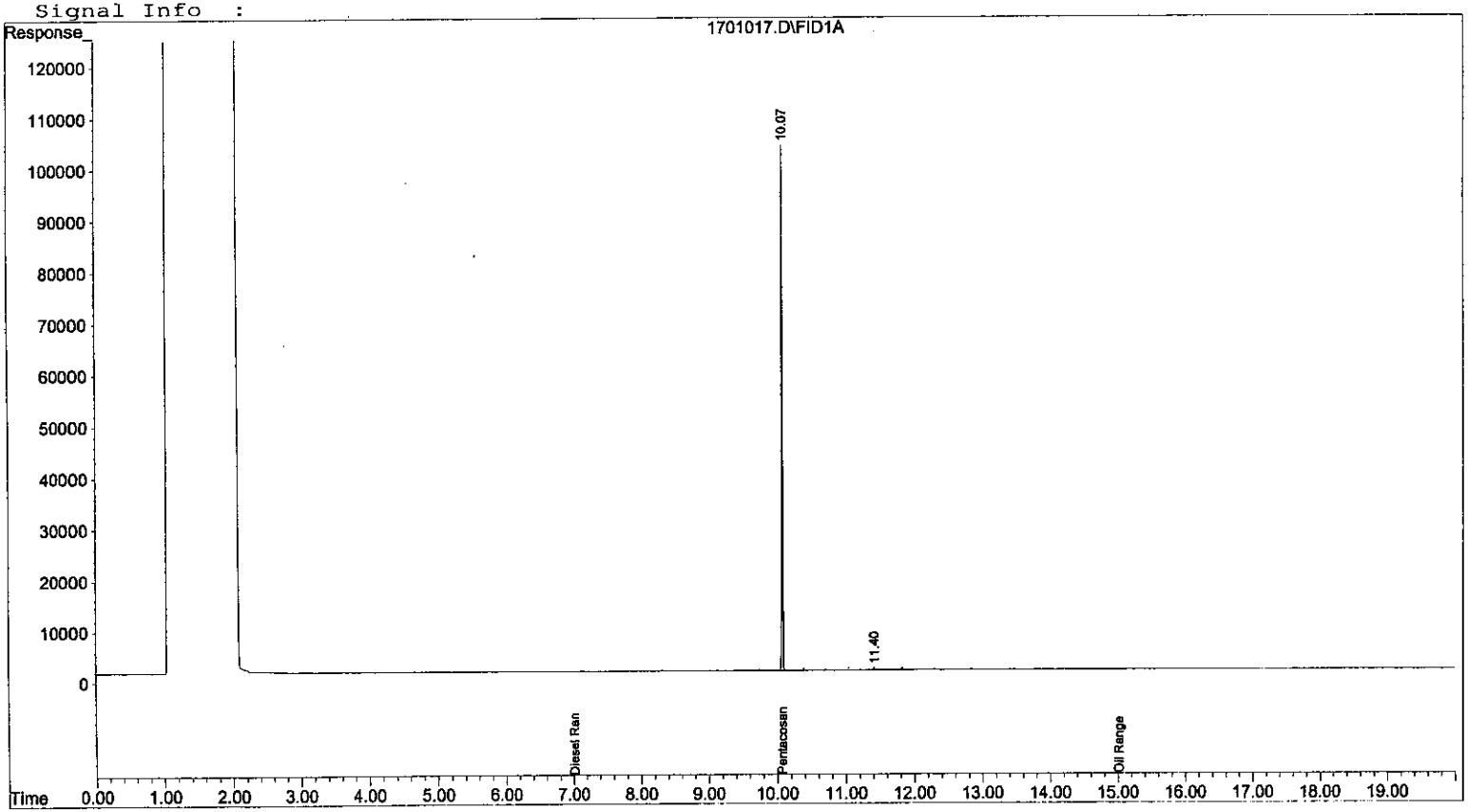
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1063307	26.625 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	106.50% 107%
Target Compounds			
2) H M Diesel Range Organics	7.00	43165	1.059 mg/L
3) H Oil Range Organics	15.00	35239	0.865 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0' '02\1701017.D Vial: 17
Acq On : 02 Aug 2005 23:45 Operator: KMI
Sample : 0508-0022 Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\1801018.D Vial: 18
Acq On : 03 Aug 2005 00:10 Operator: KMI
Sample : 0508-0022 ms Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

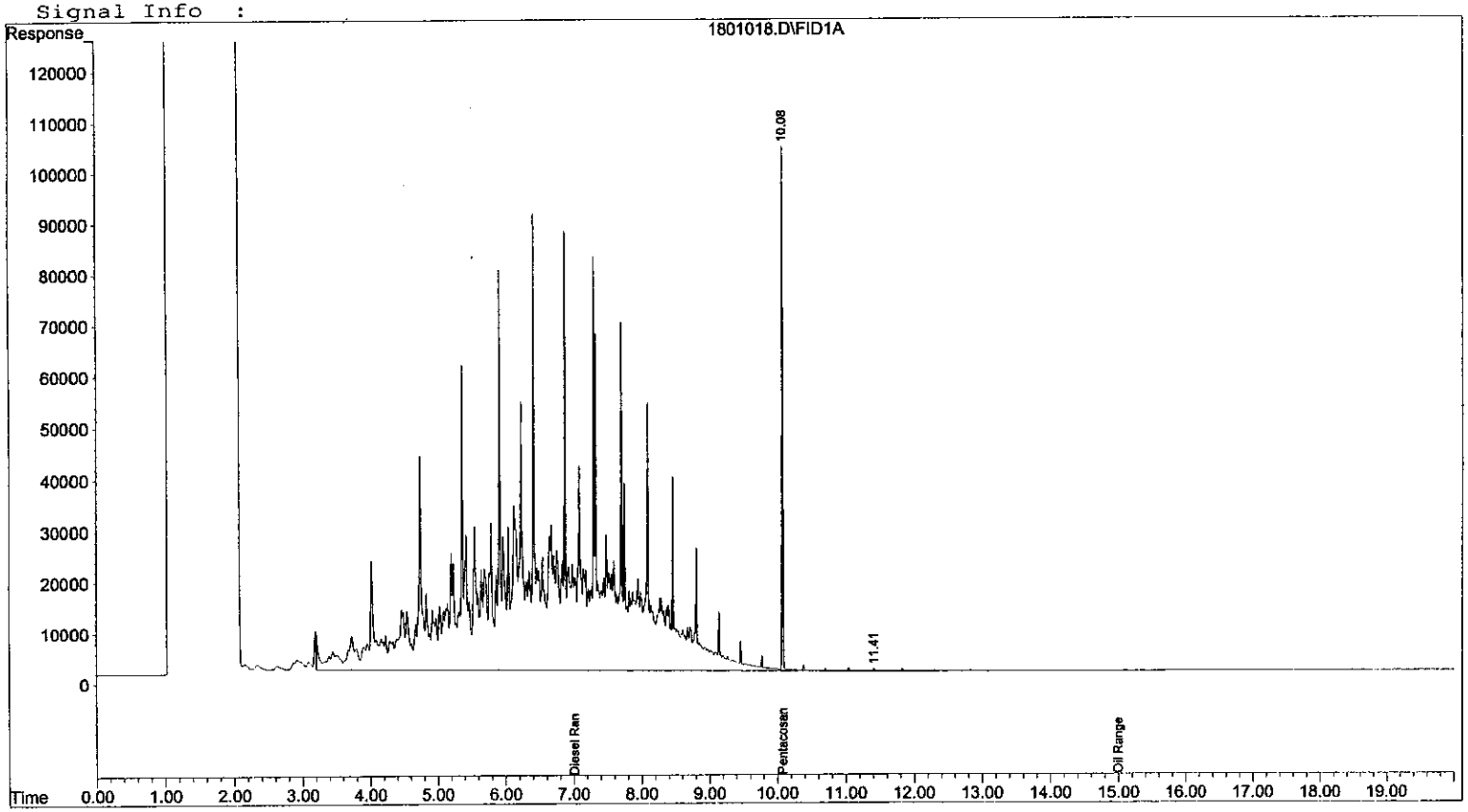
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1040782	26.061 mg/L
Spiked Amount 25.000 Range 80 - 144		Recovery =	104.24% 104%
Target Compounds			
2) H M Diesel Range Organics	7.00	47458713	1164.405 mg/L 116%
3) H Oil Range Organics	15.00	43519	1.068 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 02\1801018.D Vial: 18
Acq On : 03 Aug 2005 00:10 Operator: KMI
Sample : 0508-0022 ms Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\1901019.D Vial: 19
Acq On : 03 Aug 2005 00:36 Operator: KMI
Sample : 0508-0022 msd Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

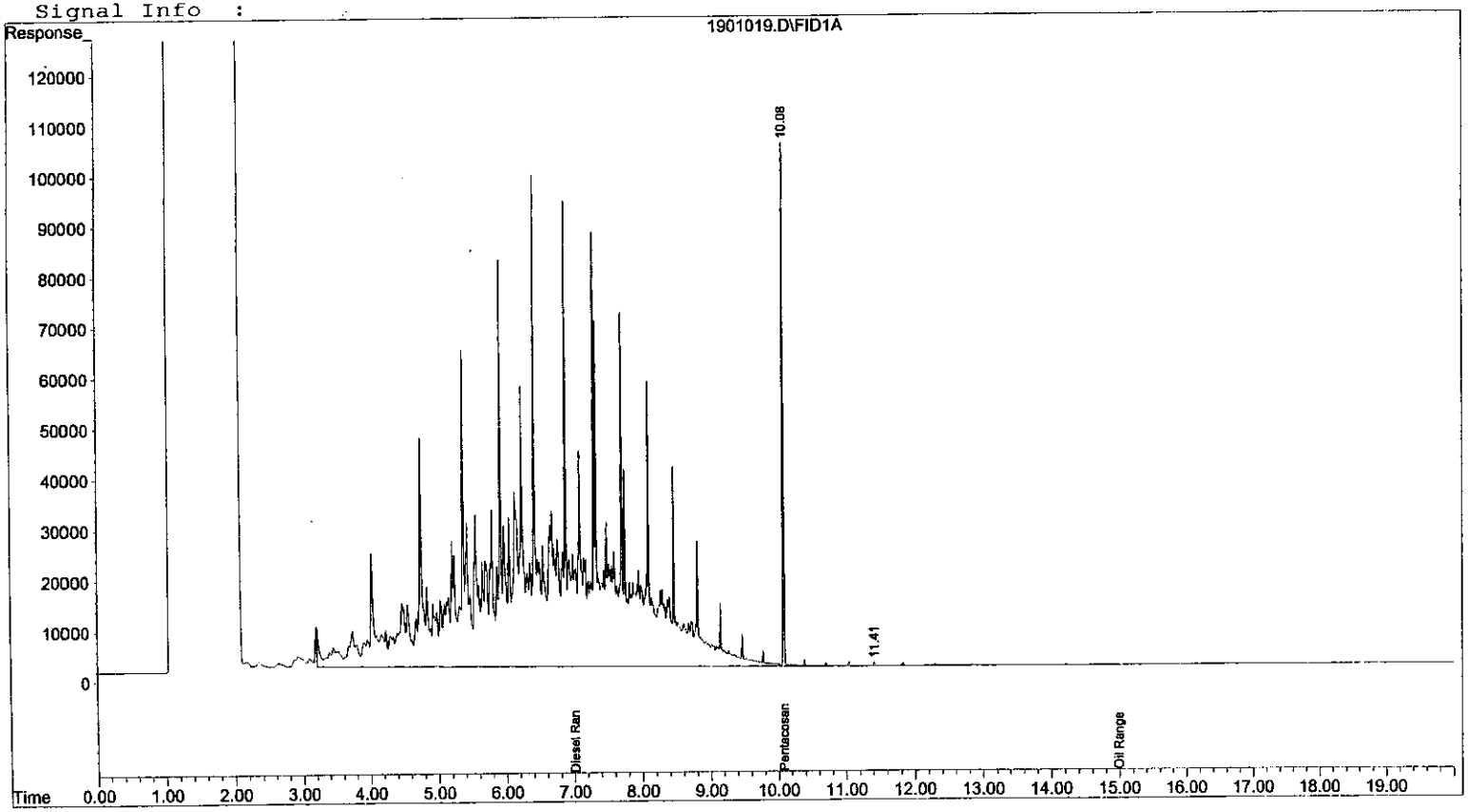
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1099230	27.524 mg/L 110%
Spiked Amount 25.000 Range 80 - 144		Recovery = 110.10%	
Target Compounds			
2) H M Diesel Range Organics	7.00	50080142	1228.722 mg/L 123%
3) H Oil Range Organics	15.00	54537	1.338 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 02\1901019.D Vial: 19
Acq On : 03 Aug 2005 00:36 Operator: KMI
Sample : 0508-0022 msd Inst : FID3
Misc : FB Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:06 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : O:\ORGANICS\HPCHEM\FID-003\DATA\050802\2501025.D Vial: 25
Acq On : 03 Aug 2005 3:10 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:09 19105 Quant Results File: 050331.RES

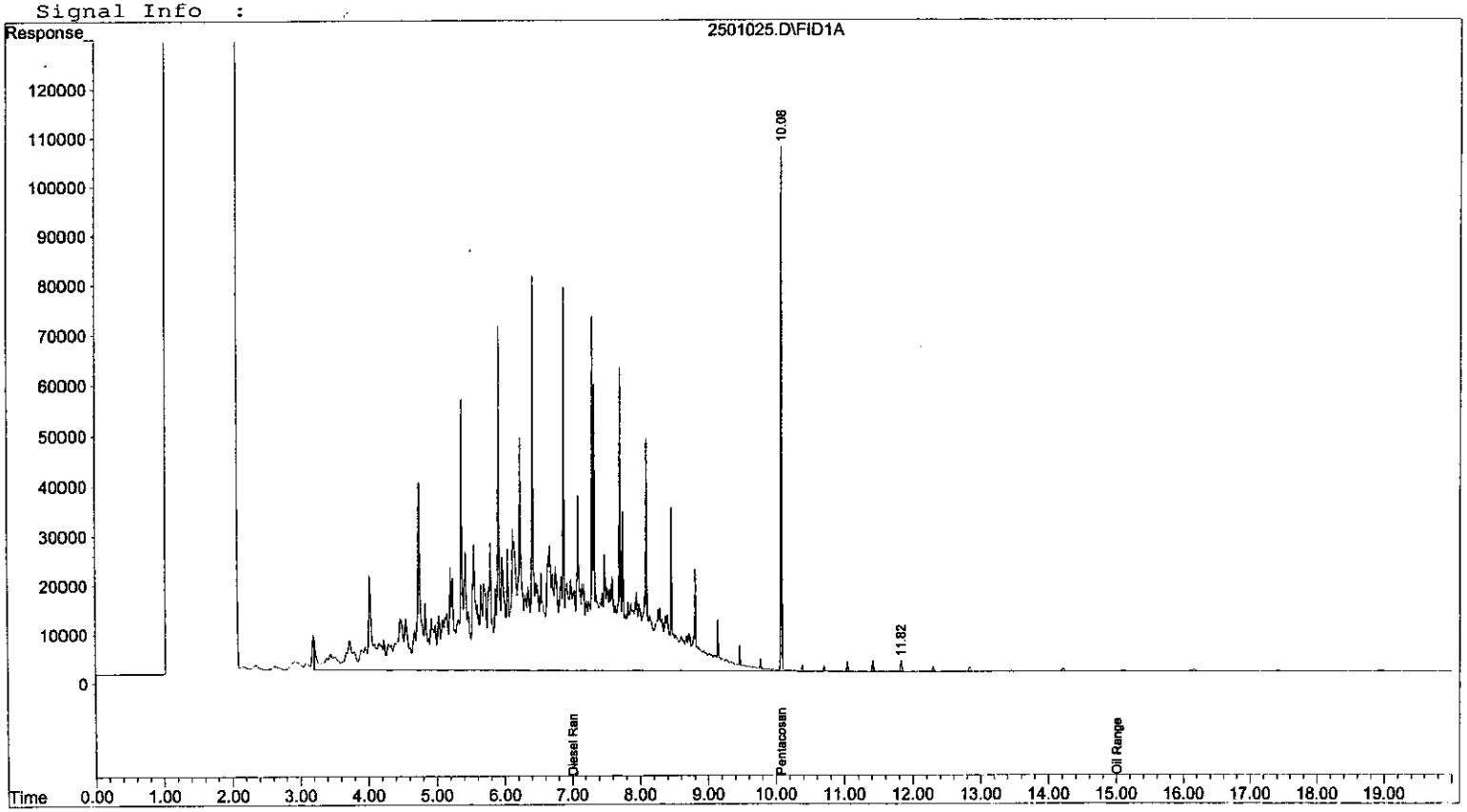
Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Int
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Initial Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S Pentacosane	10.08	1096841	27.464 mg/L 110%
Spiked Amount 25.000 Range 80 - 144		Recovery =	109.86%
Target Compounds			
2) H M Diesel Range Organics	7.00	42118571	1033.384 mg/L 103%
3) H Oil Range Organics	15.00	175691	4.311 mg/L

Quantitation Report

Da File : O:\ORGANICS\HPCHEM\FID-003\DATA\0 02\2501025.D Vial: 25
Acq On : 03 Aug 2005 3:10 Operator: KMI
Sample : 1000 ccv Inst : FID3
Misc : Multiplr: 1.00
IntFile : EVENTS.E
Quant Time: Aug 4 9:09 19105 Quant Results File: 050331.RES

Quant Method : O:\ORGANICS\HPCHEM\FID-003\METHODS\050331.M (Chemstation Integrator)
Title :
Last Update : Tue Jun 07 08:41:18 2005
Response via : Multiple Level Calibration
DataAcq Meth : DROFID3.M

Volume Inj. :
Signal Phase :
Signal Info :