3R - 194

REPORTS

DATE:

4/5/2000

EL PASO FIELD SERVICES

RECEIVED

24

April 5, 2000

Mr. Bill Olson
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Dear Mr. Olson,

El Paso Field Services (EPFS) hereby submits the analytical report for the sampling event that occurred at the Jaquez property on February 18, 2000. The samples were collected from various locations along Citizens Ditch during a period in which the ditch had been drained for maintenance. There were six soil samples collected (SS-01 through SS-06) with one duplicate sample taken at sample point SS-06. Sample points are depicted on an enclosed site drawing.

All samples were analyzed for benzene, toluene, ethylbenzene, xylene, and Total Petroleum Hydrocarbons. All samples, with the exception of SS-05 were "non-detect" for all parameters. Sample #SS-05 indicated a low level of toluene at 0.091mg/kg. EPFS requested that the laboratory review the analytical work to confirm the presence of toluene. The laboratory has determined as documented in their letter of March 28, 2000 (enclosed), that an unidentified analyte interfered with the analysis and that toluene is not present.

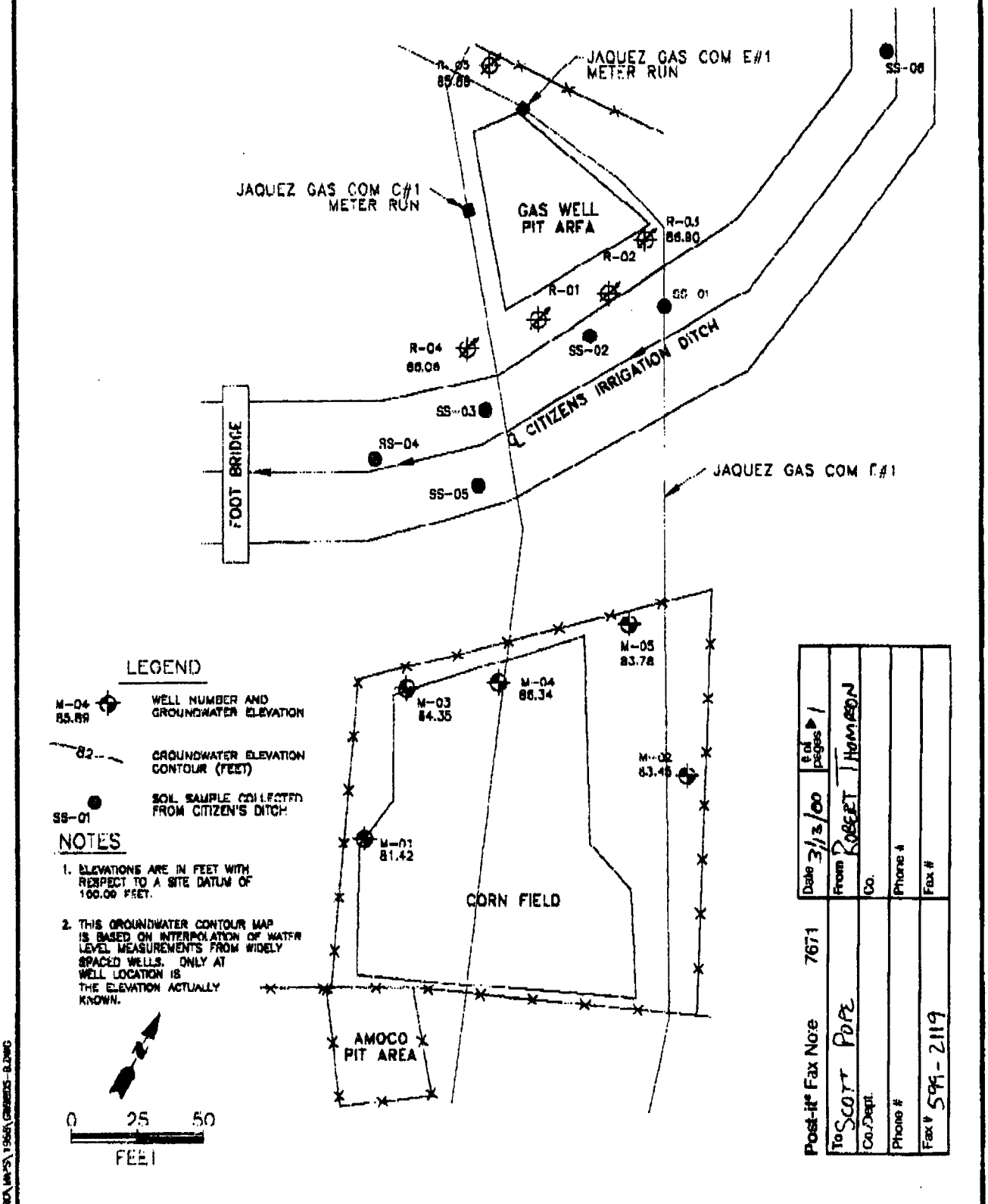
If you have any questions regarding the enclosed information, please contact Scott Pope at 505/599-2124 or myself at 505/599-2141.

Sincerely,

Sandra D. Miller
Environmental Manager
El Paso Energy

Enclosures (3)

cc: Mr. John Jaquez, Jr.
Mr. Denny Foust, NMOCD
Mr. Scott Pope, El Paso Energy



Post-it® Fax Note 7671 | Date 3/13/00 | # of pages ▶ 1
To SCOTT POPE | From ROBERT THOMASON
Co./Dept. | Co. | Phone # | Phone # | Fax # | Fax # 594-2119

TITLE: JAQUEZ GAS COM E#1 & C#1 GROUNDWATER ELEVATION CONTOURS MAY 25, 1999	DWN: CJG	DES.: MRC	PROJECT NO.: 17444 EL PASO FIELD JAQUEZ, NEW MEXICO
	CHKD:	APPD:	
	DATE: 03/09/00	REV.: A	FIGURE 1

0012 G:\EPNG-NM\MICRON\MAPS\1999\GRIDS-8.DWG

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

March 28, 2000

Ms. Sandra D. Miller
614 Reilly Avenue
Farmington, NM 87401

Sandra,

We were asked to review the analytical work performed by us for Study # 002076. Specifically, whether toluene was present on sample 002076-05 (JQZ-CD-SS-05).

The original sample extract was reanalyzed and confirmed the original results. Additionally, the sample was reextracted and this extract also confirmed the original results by Method 8021.

Howver, when Pinnacle examined these extracts by EPA method 8260 (GC Mass Spectrometry), toluene was not present.

We attribute the peak to an unidentified analyte that responds to the PID and interferes with toluene analysis. Based on this work we do not believe that toluene is present.

If we can be of any further assistance, please do not hesitate to contact me.

Sincerely,

Mitch Rubenstein, Ph.D
President/CEO

PHILIP SERVICES CORP.

Industrial Services Group
Central Region

February 25, 2000

Project 62800089

Mr. Scott Pope
El Paso Field Services
614 Reilly Ave.
Farmington, NM 87499

RE: Report for Sampling the Citizens Ditch at the Jaquez Property

Dear Mr. Pope:

On February 18, 2000, El Paso Field Services (EPFS) requested Philip Environmental Services Corporation (Philip) to meet at the Jaquez property in Blanco, NM to collect and split soil samples with Denny Foust of the New Mexico Oil Conservation Division (NMOCD). The samples were collected from various locations, designated by Mr. Foust, along Citizens Ditch, which was drained for scheduled maintenance. According to Mr. Foust, the NMOCD sampling guidelines state soil samples must be collected at two feet below ground surface (bgs) unless the samples are collected from a fresh excavation. Philip collected the samples following these guidelines. A portion of the samples collected was used to perform a heated headspace screening using a photoionization detector (PID). The samples were heated inside the cab of a vehicle by turning on the floor heater and placing the samples in front of the heat ducts.

The first sample, labeled JQZ-CD-SS-01, was collected at the eastern pipeline approximately three feet from the northern edge of the ditch bank on the ditch bottom. The sample appeared to be a brown sandy clay material. The heated headspace screening result was 15 parts per million (ppm).

The second sample, labeled JQZ-CD-SS-02, was collected between the eastern pipeline and the western pipeline. The sample was collected approximately three feet from the northern edge of the ditch bank in the slope of the ditch bank. The sample appeared to be a black clay material with sand and appeared to be decaying plant matter with a slight sulfur odor. The heated headspace screening result was 0 ppm.

The third sample, labeled JQZ-CD-SS-03, was collected approximately four feet west of the western pipeline and approximately five feet from the ditch bank on the ditch bottom. The sample appeared to be a sandy-silty material and was gray to brown. The sample was saturated with water. The heated headspace screening result was 0 ppm.

The fourth sample, labeled JQZ-CD-SS-04, was collected approximately 51 feet east of the foot bridge and approximately 10 feet from the northern edge of the ditch bank on the ditch bottom. The sample appeared to be a silty-sand material and brown in color. The sample was saturated with water. The heated headspace screening result was 0 ppm.

The fifth sample, labeled JQZ-CD-SS-05, was not split with or the sample location designated by the NMOCD. The sample was collected approximately 12 feet west of the western pipeline and approximately three and a half feet from the southern edge of the ditch bank in the slope of the ditch bank. The sample was very black with a swampy odor. There appeared to be an abundance of organic material in the sample. The sample appeared to be a sandy-silt material, moist to wet with a trace of clay. The heated headspace screening result was 1 ppm.

The sixth sample, labeled JQZ-CD-SS-06, also was not split with or the sample location designated by the NMOCD. The sample was collected approximately 45 feet east of the Jaquez property fence corner. The sample was collected from the center of the ditch on the ditch bottom. The sample appeared to be a brown silty-sandy clay material and was saturated with water. The heated headspace screening result was 0 ppm.

A duplicate sample was collected from the sixth sample and was labeled JQZ-CD-SS-56.

The samples collected were shipped to Pinnacle Laboratories in Albuquerque, NM and analyzed for Total Petroleum Hydrocarbons (TPH) using U.S. Environmental Protection Agency (EPA) method 8015 modified and benzene, toluene, ethylbenzene and xylene (BTEX) using U.S. EPA method 8021. Once the analytical results are received from the laboratory, an additional letter will be sent notifying EPFS of the results.

Philip appreciates the opportunity to provide this letter report to EPFS. If you have any questions or comments, please call me at (505) 326-2262.

Respectfully submitted,
PHILIP ENVIRONMENTAL SERVICES CORPORATION

Robert Thompson
Project Manager

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number **002076**
March 08, 2000

PHILIP ENVIRONMENTAL
4000 MONROE ROAD
FARMINGTON, NM 87401

Project Name EPFS JAQUEZ
Project Number 62800089

Attention: ROBERT THOMPSON

On 02/23/00 Pinnacle Laboratories, Inc. Inc., (ADHS License No. AZ0592 pending), received a request to analyze **non-aq** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

Kimberly D. McNeill
Project Manager

H. Mitchell Rubenstein, Ph. D.
General Manager

MR: jt

Enclosure

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

CLIENT	: PHILIP ENVIRONMENTAL	PINNACLE ID	: 002076
PROJECT #	: 62800089	DATE RECEIVED	: 02/23/00
PROJECT NAME	: EPFS JAQUEZ	REPORT DATE	: 03/08/00

PIN ID. #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	JQZ-CD-SS-01	NON-AQ	02/18/00
02	JQZ-CD-SS-02	NON-AQ	02/18/00
03	JQZ-CD-SS-03	NON-AQ	02/18/00
04	JQZ-CD-SS-04	NON-AQ	02/18/00
05	JQZ-CD-SS-05	NON-AQ	02/18/00
06	JQZ-CD-SS-06	NON-AQ	02/18/00
07	JQZ-CD-SS-56	NON-AQ	02/18/00

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : PHILIP ENVIRONMENTAL
PROJECT # : 62800089
PROJECT NAME : EPFS JAQUEZ

PINNACLE I.D.: 002076

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	JQZ-CD-SS-01	NON-AQ	02/18/00	02/23/00	02/23/00	1
02	JQZ-CD-SS-02	NON-AQ	02/18/00	02/23/00	02/23/00	1
03	JQZ-CD-SS-03	NON-AQ	02/18/00	02/23/00	02/23/00	1

PARAMETER	DET. LIMIT	UNITS	JQZ-CD-SS-01	JQZ-CD-SS-02	JQZ-CD-SS-03
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.025	MG/KG	< 0.025	< 0.025	< 0.025
SURROGATE:					
BROMOFLUOROBENZENE (%)			112	103	103
SURROGATE LIMITS	(65 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : PHILIP ENVIRONMENTAL
PROJECT # : 62800089
PROJECT NAME : EPFS JAQUEZ

PINNACLE I.D.: 002076

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	JQZ-CD-SS-04	NON-AQ	02/18/00	02/23/00	02/23/00	1
05	JQZ-CD-SS-05	NON-AQ	02/18/00	02/23/00	02/29/00	1
06	JQZ-CD-SS-06	NON-AQ	02/18/00	02/23/00	02/23/00	1

PARAMETER	DET. LIMIT	UNITS	JQZ-CD-SS-04	JQZ-CD-SS-05	JQZ-CD-SS-06
BENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOLUENE	0.025	**MG/KG**	< 0.025	**0.091**	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025	< 0.025	< 0.025
TOTAL XYLENES	0.025	MG/KG	< 0.025	< 0.025	< 0.025
SURROGATE:					
BROMOFLUOROBENZENE (%)			107	116	111
SURROGATE LIMITS	(65 - 120)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : PHILIP ENVIRONMENTAL
PROJECT # : 62800089
PROJECT NAME : EPFS JAQUEZ

PINNACLE I.D.: 002076

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	JQZ-CD-SS-56	NON-AQ	02/18/00	02/23/00	02/23/00	1

PARAMETER	DET. LIMIT	UNITS	JQZ-CD-SS-56
BENZENE	0.025	MG/KG	< 0.025
TOLUENE	0.025	MG/KG	< 0.025
ETHYLBENZENE	0.025	MG/KG	< 0.025
TOTAL XYLENES	0.025	MG/KG	< 0.025

SURROGATE:
BROMOFLUOROBENZENE (%) 104
SURROGATE LIMITS (65 - 120)

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 002076
BLANK I. D.	: 022300	DATE EXTRACTED	: 02/23/00
CLIENT	: PHILIP ENVIRONMENTAL	DATE ANALYZED	: 02/23/00
PROJECT #	: 62800089	SAMPLE MATRIX	: NON-AQ
PROJECT NAME	: EPFS JAQUEZ		

PARAMETER	UNITS	
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
TOTAL XYLENES	MG/KG	<0.025

SURROGATE:
BROMOFLUOROBENZENE (%) 96
SURROGATE LIMITS: (80 - 120)
CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8021 MODIFIED		
MSMSD #	: 002067-01	PINNACLE I.D.	: 002076
CLIENT	: PHILIP ENVIRONMENTAL	DATE EXTRACTED	: 02/22/00
PROJECT #	: 62800089	DATE ANALYZED	: 02/23/00
PROJECT NAME	: EPFS JAQUEZ	SAMPLE MATRIX	: NON-AQ
		UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.025	1.00	1.09	109	1.05	105	4	(68 - 120)	20
TOLUENE	<0.025	1.00	1.05	105	1.00	100	5	(64 - 120)	20
ETHYLBENZENE	<0.025	1.00	1.17	117	1.11	111	5	(49 - 127)	20
TOTAL XYLENES	<0.025	3.00	3.34	111	3.15	105	6	(58 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
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GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : PHILIP ENVIRONMENTAL PINNACLE I.D.: 002076
PROJECT # : 62800089
PROJECT NAME : EPFS JAQUEZ

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	JQZ-CD-SS-01	NON-AQ	02/18/00	02/24/00	02/25/00	1
02	JQZ-CD-SS-02	NON-AQ	02/18/00	02/24/00	02/25/00	1
03	JQZ-CD-SS-03	NON-AQ	02/18/00	02/24/00	02/25/00	1

PARAMETER	DET. LIMIT	UNITS	JQZ-CD-SS-01	JQZ-CD-SS-02	JQZ-CD-SS-03
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C22-C36	20	MG/KG	< 20	< 20	< 20
CALCULATED SUM:					
SURROGATE:					
O-TERPHENYL (%)			105	106	108
SURROGATE LIMITS	(66 - 151)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : PHILIP ENVIRONMENTAL PINNACLE I.D.: 002076
PROJECT # : 62800089
PROJECT NAME : EPFS JAQUEZ

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
04	JQZ-CD-SS-04	NON-AQ	02/18/00	02/24/00	02/25/00	1
05	JQZ-CD-SS-05	NON-AQ	02/18/00	02/24/00	02/25/00	1
06	JQZ-CD-SS-06	NON-AQ	02/18/00	02/24/00	02/25/00	1

PARAMETER	DET. LIMIT	UNITS	JQZ-CD-SS-04	JQZ-CD-SS-05	JQZ-CD-SS-06
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10	< 10	< 10
FUEL HYDROCARBONS, C22-C36	20	MG/KG	< 20	< 20	< 20
CALCULATED SUM:					
SURROGATE:					
O-TERPHENYL (%)			106	110	104
SURROGATE LIMITS	(66 - 151)				

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : PHILIP ENVIRONMENTAL PINNACLE I.D.: 002076
PROJECT # : 62800089
PROJECT NAME : EPFS JAQUEZ

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
07	JQZ-CD-SS-56	NON-AQ	02/18/00	02/24/00	02/25/00	1

PARAMETER	DET. LIMIT	UNITS	JQZ-CD-SS-56
FUEL HYDROCARBONS, C6-C10	10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	10	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	20	MG/KG	< 20
CALCULATED SUM:			
SURROGATE:			
O-TERPHENYL (%)			109
SURROGATE LIMITS	(66 - 151)		

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

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Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)		
BLANK I.D.	: 022400	PINNACLE I.D.	: 002076
CLIENT	: PHILIP ENVIRONMENTAL	DATE EXTRACTED	: 02/24/00
PROJECT #	: 62800089	DATE ANALYZED	: 02/24/00
PROJECT NAME	: EPFS JAQUEZ	SAMPLE MATRIX	: NON-AQ

PARAMETER	UNITS	
FUEL HYDROCARBONS, C6-C10	MG/KG	< 10
FUEL HYDROCARBONS, C10-C22	MG/KG	< 10
FUEL HYDROCARBONS, C22-C36	MG/KG	< 20

SURROGATE:		
O-TERPHENYL (%)		107
SURROGATE LIMITS	(80 - 151)	

CHEMIST NOTES:
N/A

PINNACLE LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
MSMSD

TEST	: EPA 8015 MODIFIED (DIRECT INJECT)		
MSMSD #	: 002081-01	PINNACLE I.D.	: 002076
CLIENT	: PHILIP ENVIRONMENTAL	DATE EXTRACTED	: 02/24/00
PROJECT #	: 62800089	DATE ANALYZED	: 02/25/00
PROJECT NAME	: EPFS JAQUEZ	SAMPLE MATRIX	: NON-AQ
		UNITS	: MG/KG

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
FUEL HYDROCARBONS	<10	200	220	110	219	110	0	(56 - 148)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PHILIP ENVIRONMENTAL

Chain of Custody Record

4000 Monroe Road
Farmington, NM 87401
(505) 326-2262 Phone
(505) 326-2388 FAX

COC Serial No. C 2494

Project Name EPFS JAQUEZ
Project Number 62800089 Phase . Task 35 .
Samplers ROBERT THOMPSON
Laboratory Name PINNACLE LABS
Location ALBUQUERQUE, NM

Sample Number (and depth)	Date	Time	Matrix	Total Number of Bottles	Type of Analysis and Bottle: TPH 8015 MOD. (DRO)	BTEX 8021	Accession # 002076 PLI Lab ID	Comments
JQZ-CD-SS-01	2/18/00	1430	SOIL	1	X	X	01	
JQZ-CD-SS-02	2/18/00	1410	SOIL	1	X	X	02	
JQZ-CD-SS-03	2/18/00	1400	SOIL	1	X	X	03	
JQZ-CD-SS-04	2/18/00	1440	SOIL	1	X	X	04	
JQZ-CD-SS-05	2/18/00	1520	SOIL	1	X	X	05	
JQZ-CD-SS-06	2/18/00	1535	SOIL	1	X	X	06	
JQZ-CD-SS-SLG	2/18/00	1540	SOIL	1	X	X	07	

Relinquished by:

Signature	Date	Time
Robert Thompson	2/22/00	1015

Received By:

Signature	Date	Time
Francine Jaime	2/23/00	1020

Samples Iced: ☒ Yes ☐ No

Preservatives (ONLY for Water Samples)

- ☐ Cyanide ..... Sodium hyroxide (NaOH)
- ☐ Volatile Organic Analysis ..... Hydrochloric acid (HCl)
- ☐ Metals ..... Nitric acid (HNO_3)
- ☐ TPH (418.1) ..... Sulfuric acid (H_2SO_4)
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____

Carrier: GREYHOUND LINES
Airbill No. GLI 160 665 040 8

Shipping and Lab Notes:

PLEASE SEND MORE GREYHOUND SHIPPING LABELS AND MORE SOIL SAMPLE JARS.

Acid 4°C

PE-176 4/95

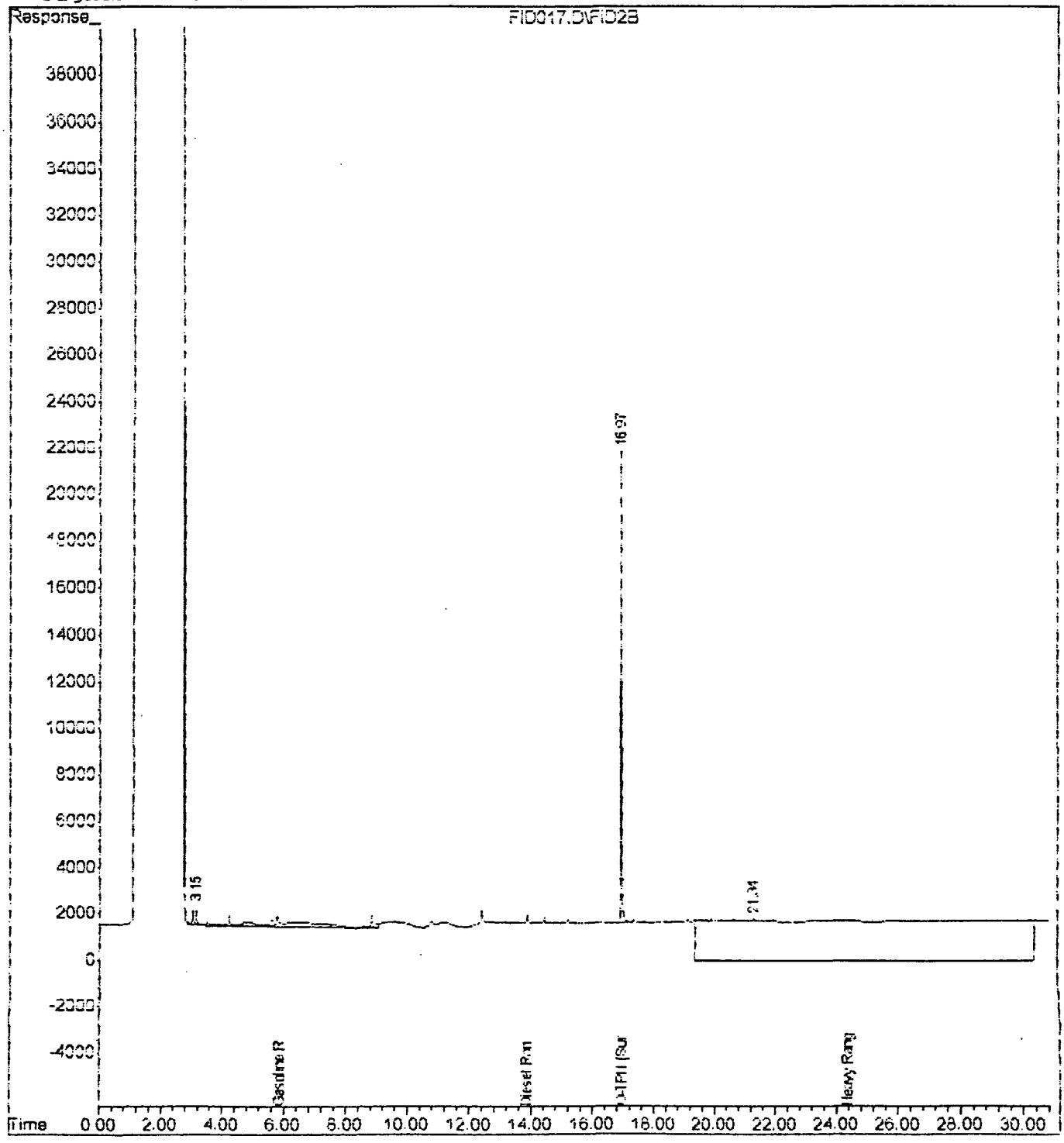
Data File : C:\HPC[redacted]M\2\DATA\022400\FID017.D [redacted]
Acq On : 25 Feb [redacted]000 1:54
Sample : 002076-01
Misc :
IntFile : EVENTS.E

Vial: 17
Operator: cff
Inst : FID-1
Multiplr: 1.00

Quant Time: Mar 1 15:53 2000 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



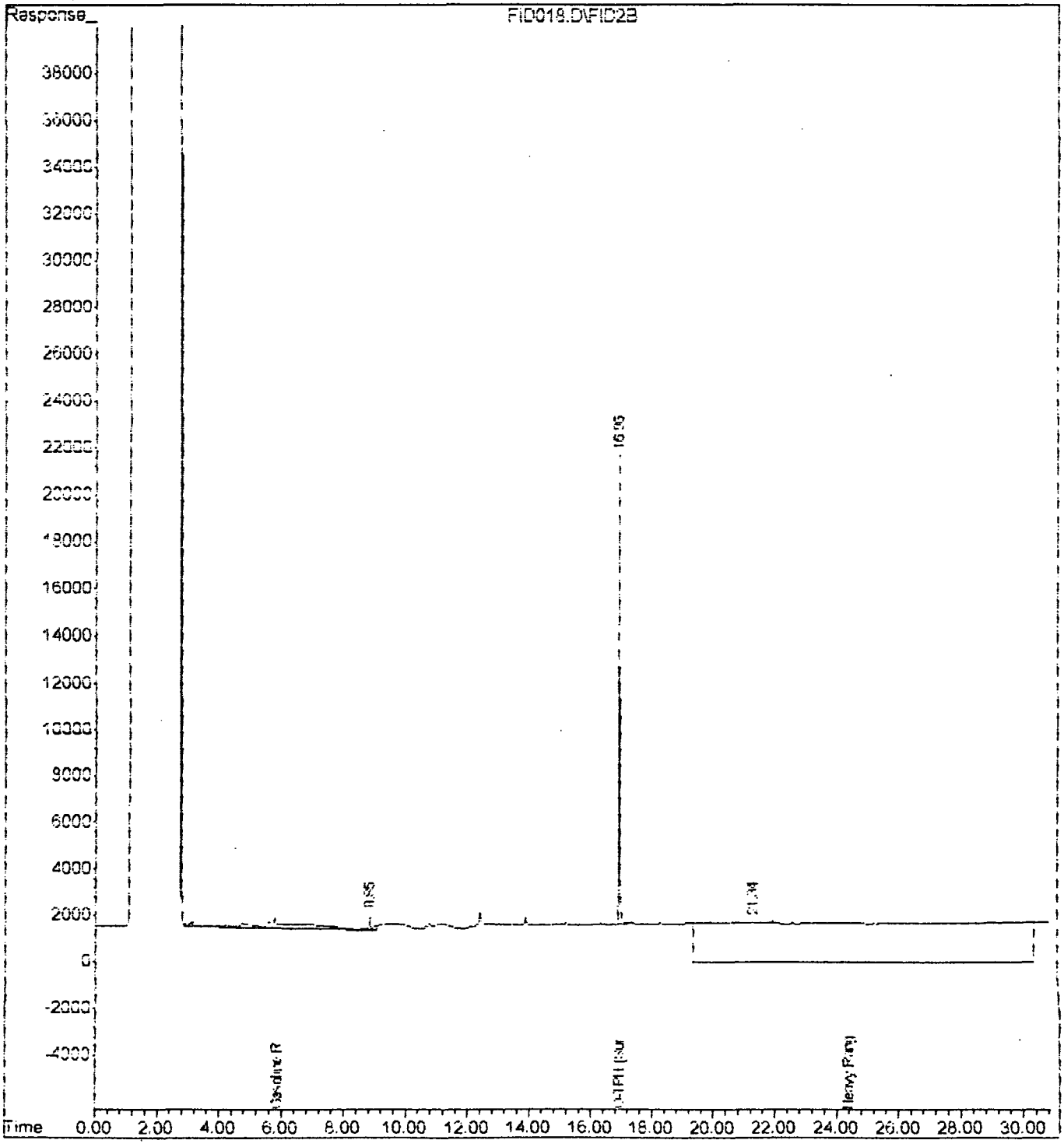
Quantitation Report (QT Reviewed)

Data File : C:\HPC[redacted]M\2\DATA\022400\FID018.D[redacted] Vial: 18
Acq On : 25 Feb 2000 2:43 Operator: cff
Sample : 002076-02 Inst : FID-1
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Mar 1 15:54 2000 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



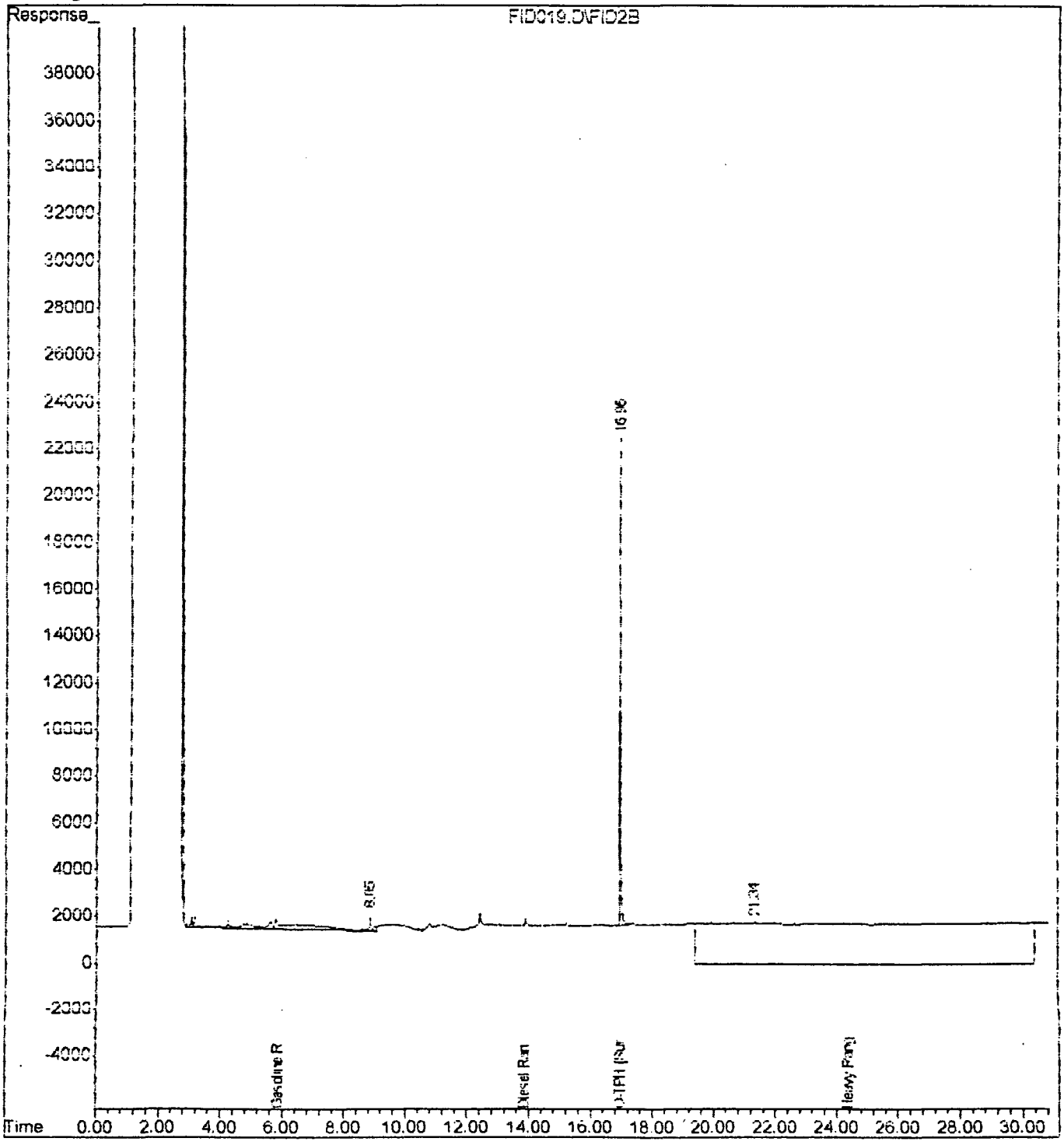
Data File : C:\HPCHEM\2\DATA\022400\FID019.D
Acq On : 25 Feb 2000 3:31
Sample : 002076-03
Misc :
IntFile : EVENTS.E

Vial: 19
Operator: cff
Inst : FID-1
Multiplr: 1.00

Quant Time: Mar 1 15:56 2000 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



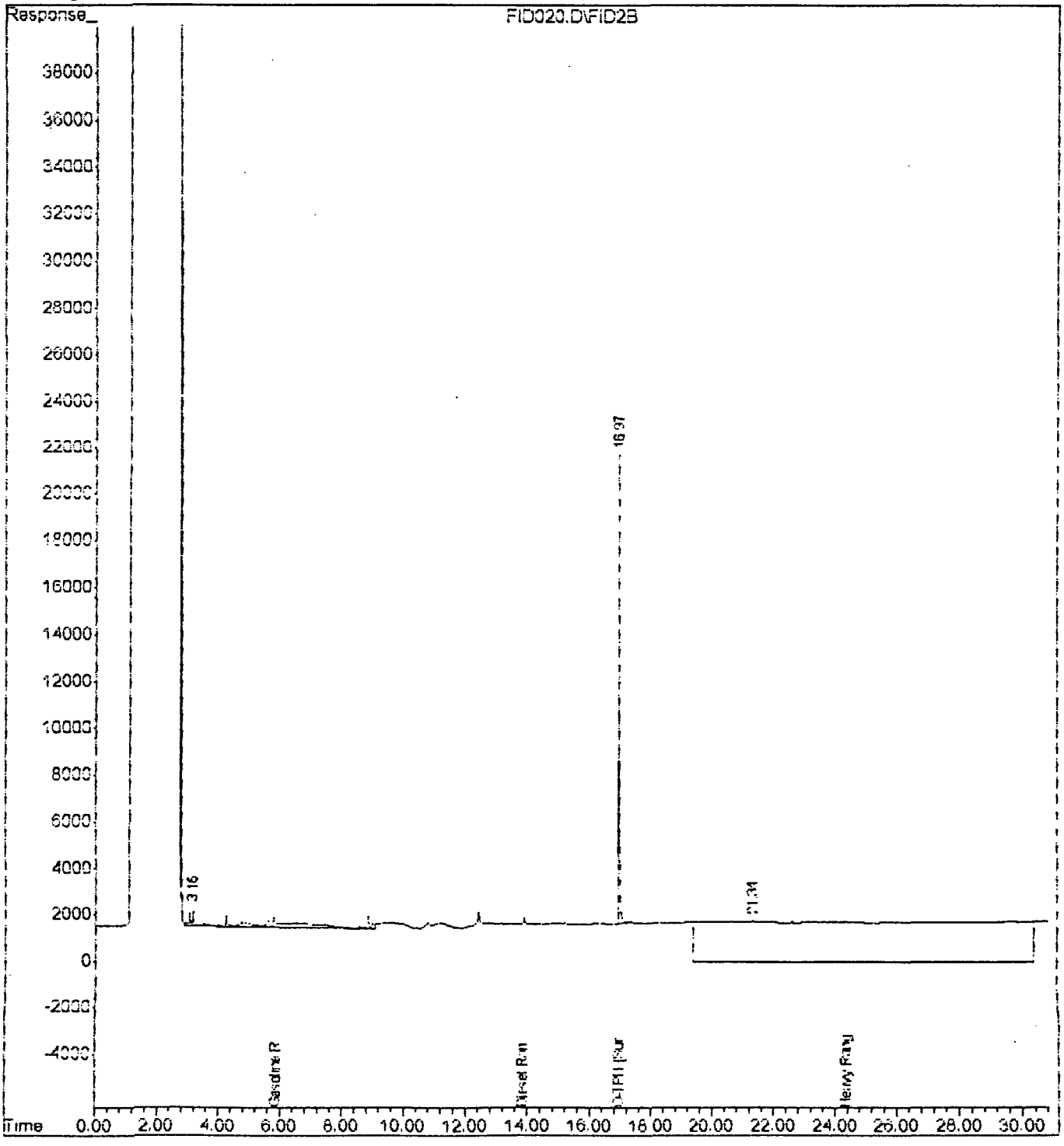
Data File : C:\HP[redacted]M\2\DATA\022400\FID020.D[redacted]
Acq On : 25 Feb [redacted]2000 4:20
Sample : 002076-04
Misc :
IntFile : EVENTS.E

Vial: 20
Operator: cff
Inst : FID-1
Multiplr: 1.00

Quant Time: Mar 1 15:57 2000 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



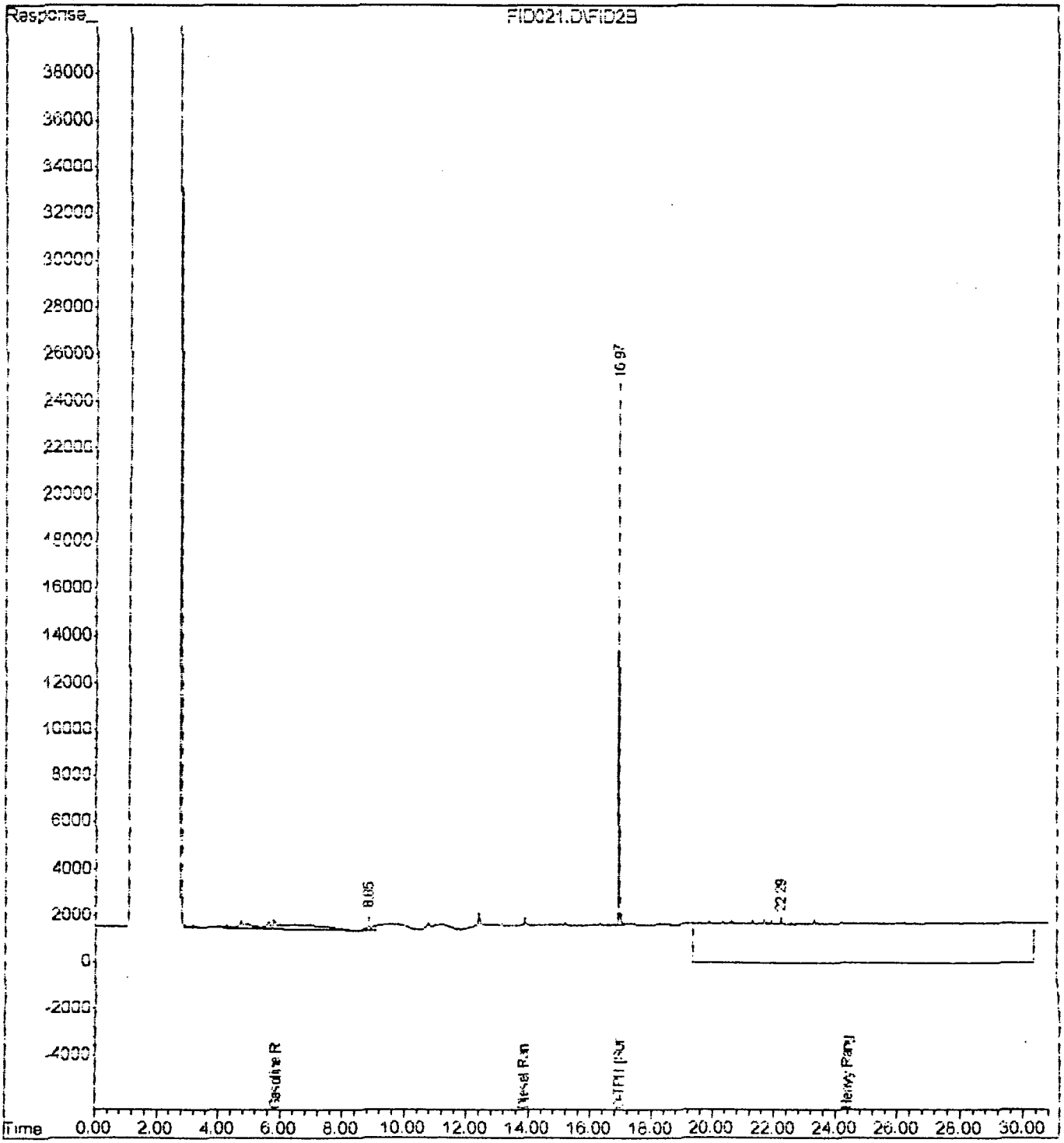
Data File : C:\HPC[redacted]M\2\DATA\022400\FID021.D
Acq On : 25 Feb [redacted]000 5:07
Sample : 002076-05
Misc :
IntFile : EVENTS.E

Vial: 21
Operator: cff
Inst : FID-1
Multiplr: 1.00

Quant Time: Feb 28 14:32 2000 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :

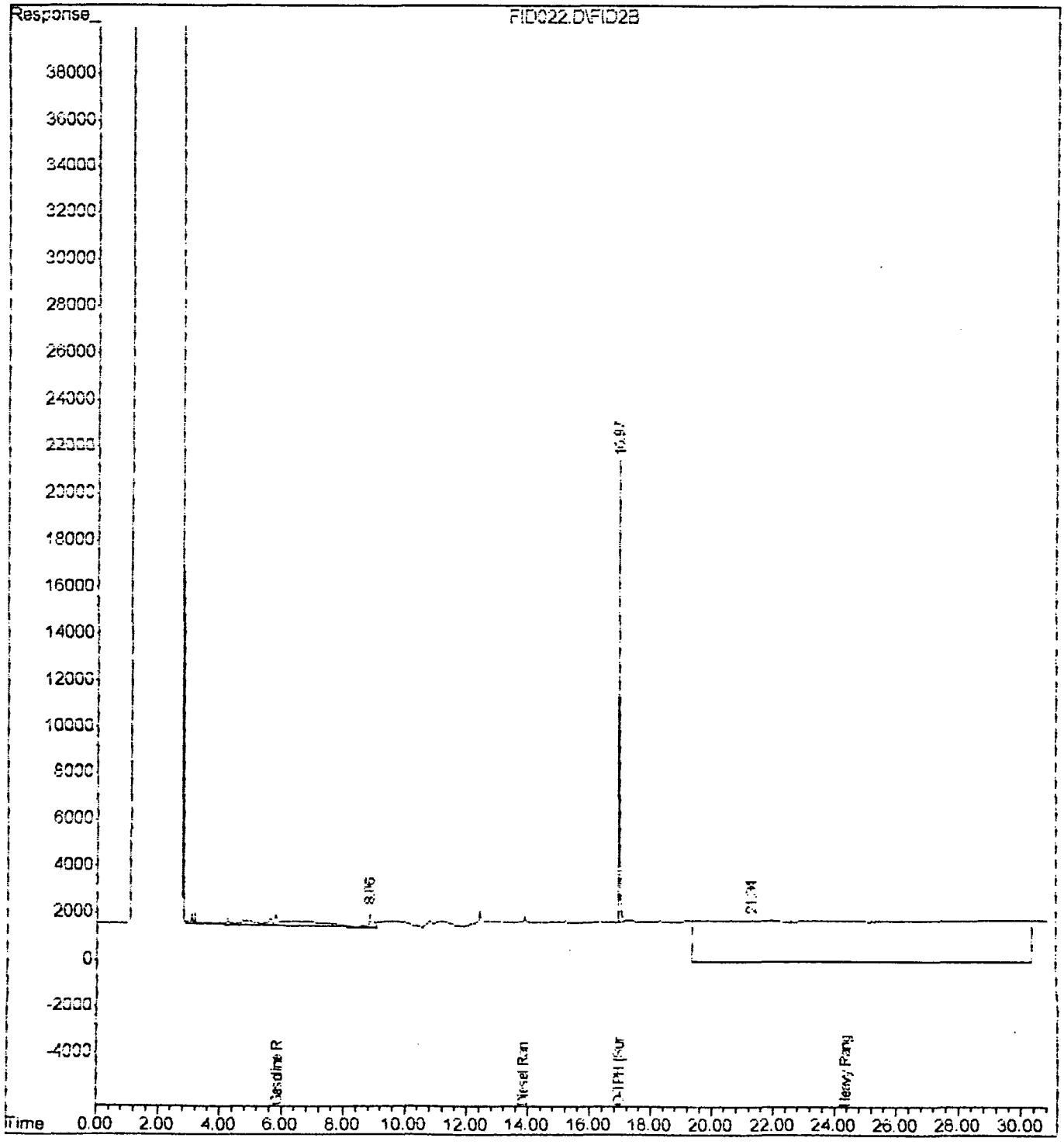


Data File : C:\HP[redacted]EM\2\DATA\022400\FID022.D[redacted] Vial: 22
Acq On : 25 Feb 2000 5:54 Operator: cff
Sample : 002076-06 Inst : FID-1
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Mar 1 15:59 2000 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :

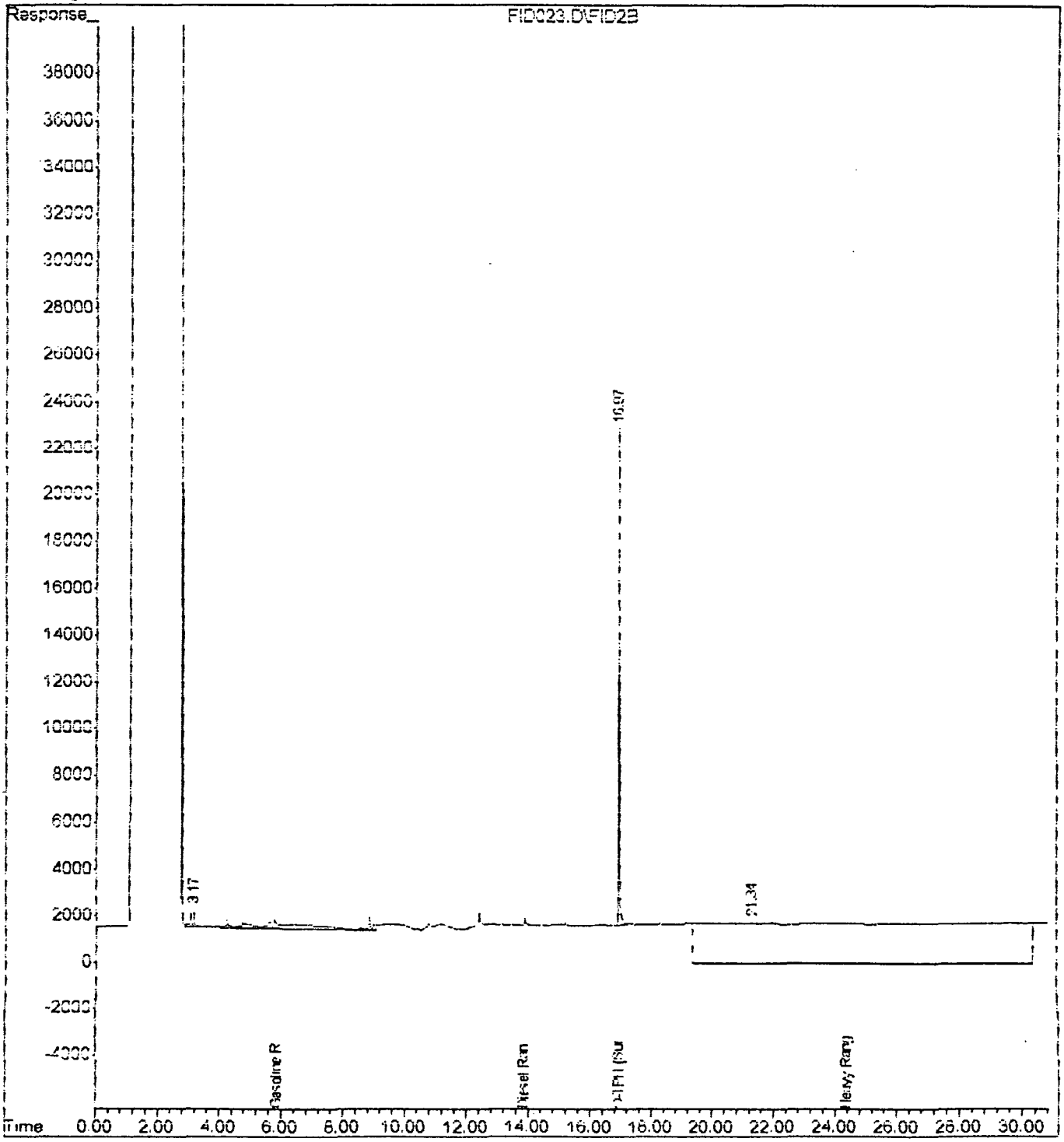


Data File : C:\HPC[redacted]M\2\DATA\022400\FID023.D [redacted] Vial: 23
Acq On : 25 Feb 2000 6:41 Operator: cff
Sample : 002076-07 Inst : FID-1
Misc : Multiplr: 1.00
IntFile : EVENTS.E

Quant Time: Mar 1 16:06 2000 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



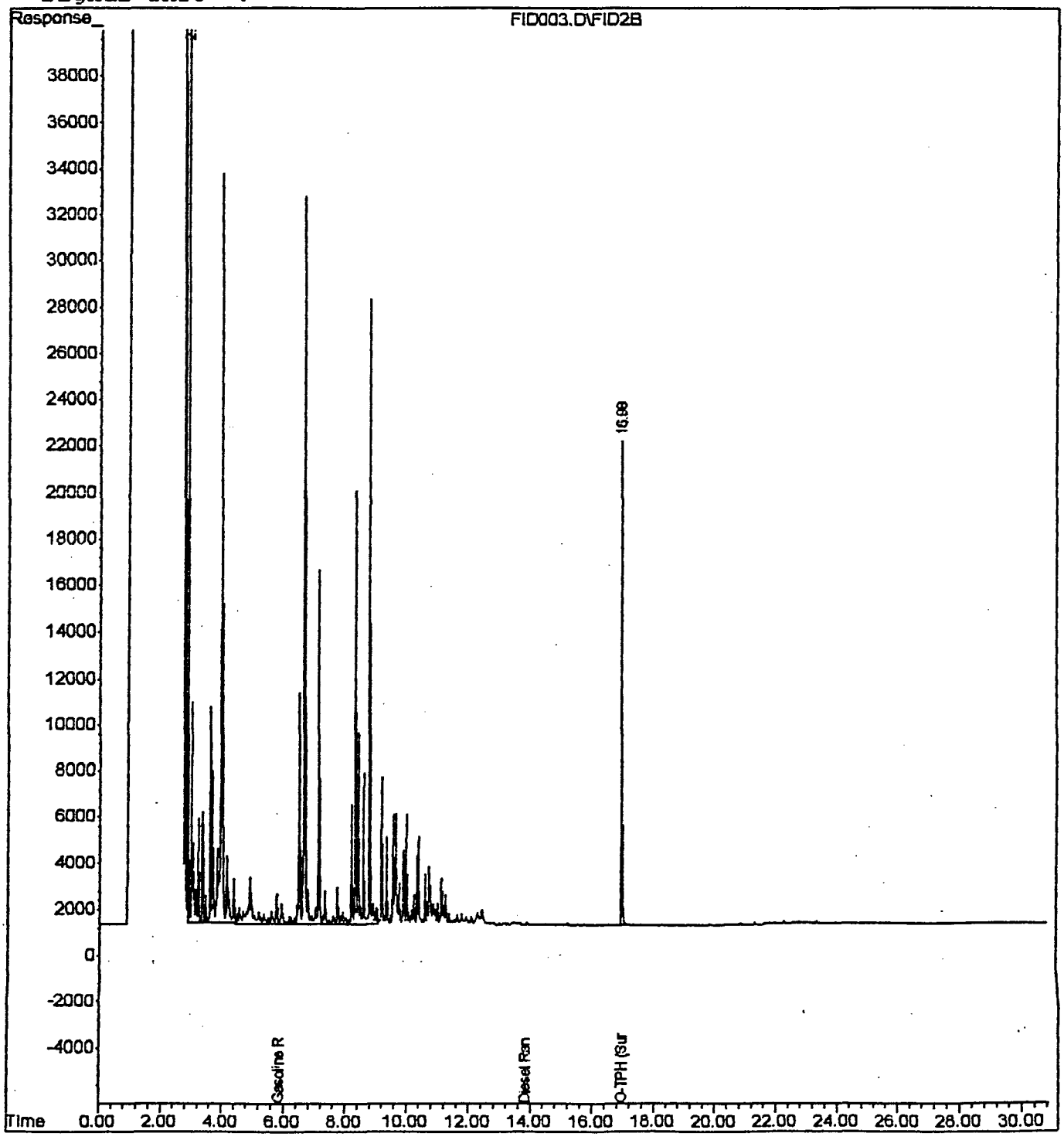
Data File : C:\HPCHEM\2\DATA\111299\FID003.D
Acq On : 12 Nov 1999 11:21
Sample : gasoline
Misc : at 200ug/mL
IntFile : EVENTS.E

Vial: 3
Operator: CFF
Inst : FID-1
Multiplr: 1.00

Quant Time: Nov 12 13:07 1999 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



Quantitation Report

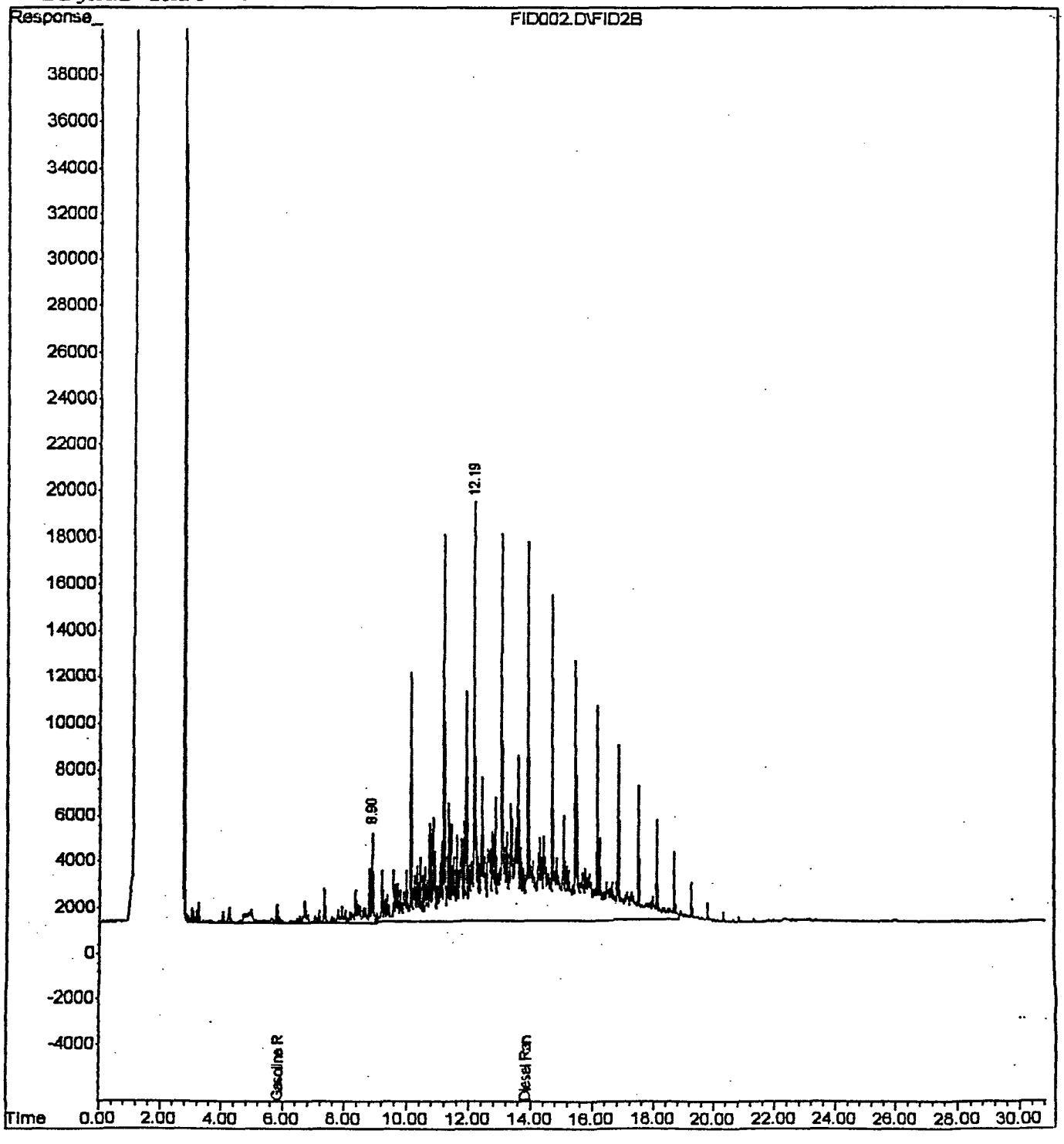
Data File : C:\HPCHEM\2\DATA\111299\FID002.D
Acq On : 12 Nov 1999 10:32
Sample : diesel
Misc : at 200ug/mL
IntFile : EVENTS.E

Vial: 2
Operator: CFF
Inst : FID-1
Multiplr: 1.00

Quant Time: Nov 12 11:42 1999 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



Quantitation Report

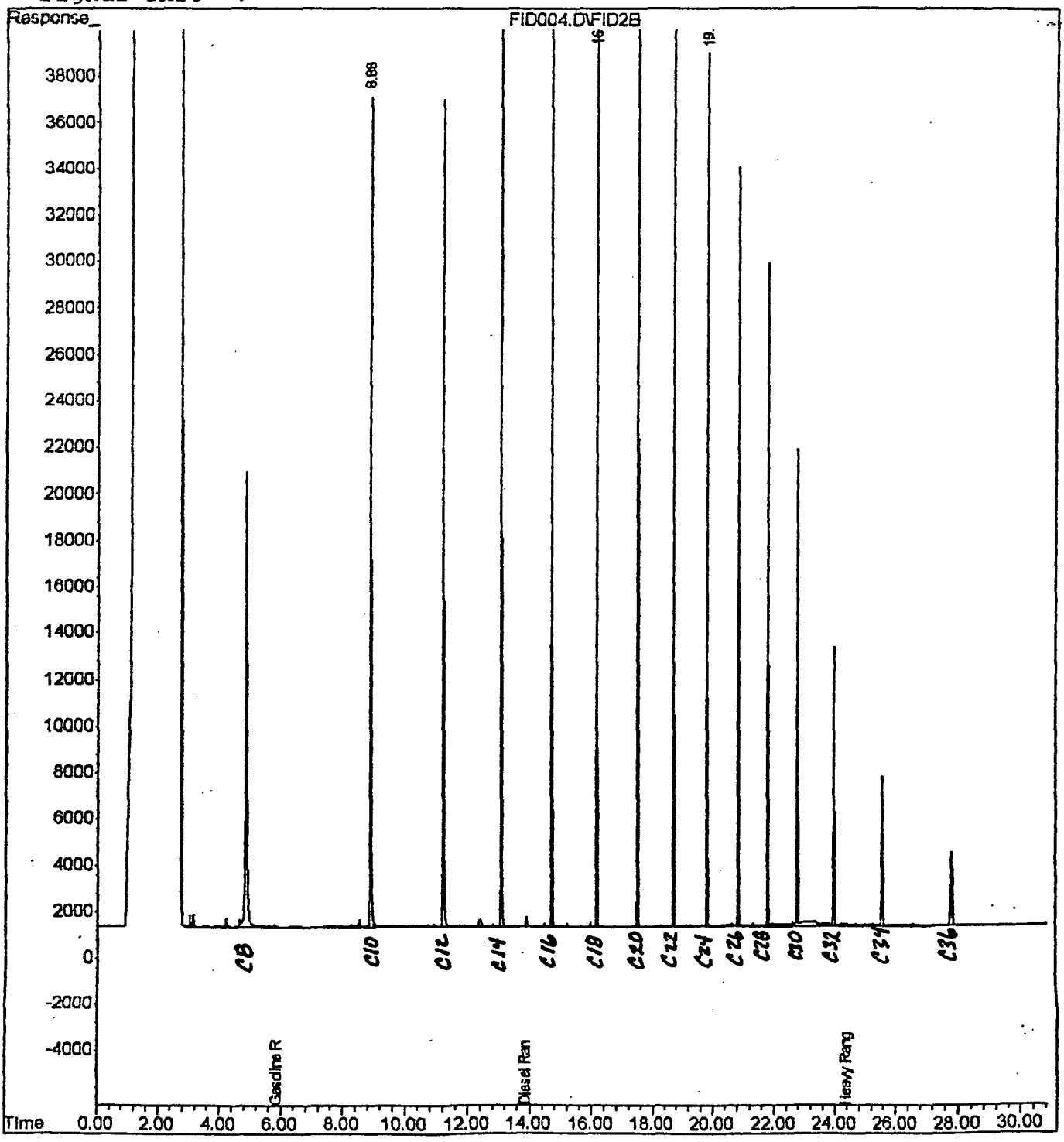
Data File : C:\HPCHEM\2\DATA\110899\FID004.D
Acq On : 8 Nov 1999 13:29
Sample : rt std gc4-14-06
Misc :
IntFile : EVENTS.E

Vial: 4
Operator: CFF
Inst : FID-1
Multiplr: 1.00

Quant Time: Nov 12 13:54 1999 Quant Results File: NM102799.RES

Quant Method : C:\HPCHEM\2\METHODS\NM102799.M (Chemstation Integrator)
Title : NM 8015
Last Update : Wed Nov 10 11:29:39 1999
Response via : Multiple Level Calibration
DataAcq Meth : NM102799.M

Volume Inj. : 2ul
Signal Phase :
Signal Info :



TRACEANALYSIS, INC.

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E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Denny Foust
OCD
1000 Rio Brazos Rd.
Aztec, NM 87410

Report Date: 2/23/00

Project Number: N/A
Project Name: Jaquez
Project Location: Blanco,NM

Order ID Number: A00021907

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc. for analysis:

Sample Number	Sample Description	Matrix	Date Taken	Time Taken	Date Received
140974	#1 143002182000	Soil	2/18/00	14:30	2/19/00
140975	#2 141002182000	Soil	2/18/00	14:10	2/19/00
140976	#3 140002182000	Soil	2/18/00	14:00	2/19/00
140977	#4 144002182000	Soil	2/18/00	14:40	2/19/00

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 7 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

Analytical Results Report

Sample Number: 140974
Description: #1 143002182000

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
BTEX (mg/Kg)									
Benzene	0.054	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Toluene	0.056	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Ethylbenzene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
M,P,O-Xylene	0.212	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Total BTEX	0.322	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001

* Test Comments - LCS/LCSD WERE USED TO CALCULATE RPD AND EA, DUE TO POOR PREP OF THE MS/MSD.

Surrogate (mg/Kg)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #
TFT	4.15	1	0.1	83	72 - 128	RC	PB00849	QC01022
4-BFB	4.3	1	0.1	86	72 - 128	RC	PB00849	QC01022

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
TPH DRO (mg/Kg)									
DRO	<50	1	Mod. 8015B	2/20/00	2/20/00	MA	PB00827	QC00999	50
TPH GRO (mg/Kg)									
GRO	<5	1	8015B	2/22/00	2/22/00	RC	PB00874	QC01058	0.1

Sample Number: 140975
Description: #2 141002182000

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
BTEX (mg/Kg)									
Benzene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Toluene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Ethylbenzene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
M,P,O-Xylene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Total BTEX	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001

* Test Comments - LCS/LCSD WERE USED TO CALCULATE RPD AND EA, DUE TO POOR PREP OF THE MS/MSD.

Surrogate (mg/Kg)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #
TFT	4.66	1	0.1	93	72 - 128	RC	PB00849	QC01022
4-BFB	5.03	1	0.1	101	72 - 128	RC	PB00849	QC01022

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
TPH DRO (mg/Kg)									
DRO	<50	1	Mod. 8015B	2/20/00	2/20/00	MA	PB00827	QC00999	50
TPH GRO (mg/Kg)									
GRO	<5	1	8015B	2/22/00	2/22/00	RC	PB00874	QC01058	0.1

Sample Number: 140976
Description: #3 140002182000

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
BTEX (mg/Kg)									
Benzene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Toluene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Ethylbenzene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001

M,P,O-Xylene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Total BTEX	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001

* Test Comments - LCS/LCSD WERE USED TO CALCULATE RPD AND EA, DUE TO POOR PREP OF THE MS/MSD.

Surrogate (mg/Kg)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
TFT	5.03	1	0.1	101	72 - 128	RC	PB00849	QC01022	
4-BFB	5.49	1	0.1	110	72 - 128	RC	PB00849	QC01022	
TPH DRO (mg/Kg)									
DRO	<50	1	Mod. 8015B	2/20/00	2/20/00	MA	PB00827	QC00999	50
TPH GRO (mg/Kg)									
GRO	<5	1	8015B	2/22/00	2/22/00	RC	PB00874	QC01058	0.1

Sample Number: 140977
Description: #4 144002182000

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
BTEX (mg/Kg)									
Benzene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Toluene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Ethylbenzene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
M,P,O-Xylene	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001
Total BTEX	<0.05	50	S 8021B	2/21/00	2/21/00	RC	PB00849	QC01022	0.001

* Test Comments - LCS/LCSD WERE USED TO CALCULATE RPD AND EA, DUE TO POOR PREP OF THE MS/MSD.

Surrogate (mg/Kg)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
TFT	4.28	1	0.1	86	72 - 128	RC	PB00849	QC01022	
4-BFB	4.38	1	0.1	88	72 - 128	RC	PB00849	QC01022	
TPH DRO (mg/Kg)									
DRO	<50	1	Mod. 8015B	2/20/00	2/20/00	MA	PB00827	QC00999	50
TPH GRO (mg/Kg)									
GRO	<5	1	8015B	2/22/00	2/22/00	RC	PB00874	QC01058	0.1

Quality Control Report
Method Blanks

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Benzene (mg/Kg)		<0.05	0.05	2/21/00	PB00849	QC01022
Toluene (mg/Kg)		<0.05	0.05	2/21/00	PB00849	QC01022
Ethylbenzene (mg/Kg)		<0.05	0.05	2/21/00	PB00849	QC01022
M,P,O-Xylene (mg/Kg)		<0.05	0.05	2/21/00	PB00849	QC01022
Total BTEX (mg/Kg)		<0.05	0.05	2/21/00	PB00849	QC01022

Surrogate	Result	Spike Amount	% Rec.	% Rec. Limit	QC Batch #
TFT (mg/Kg)	4.86	0.1	97	72 - 128	QC01022
4-BFB (mg/Kg)	5.16	0.1	103	72 - 128	QC01022

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
DRO (mg/Kg)		<50	50	2/20/00	PB00827	QC00999

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
GRO (mg/Kg)		<5	0.1	2/22/00	PB00874	QC01058

Quality Control Report
Matrix Spike and Matrix Duplicate Spike

Standard	Param		Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	DRO (mg/Kg)	*	<50	1	250	226	90		70 - 130	0 - 20	QC00999
* DRO - MS/MSD OUT OF RANGE DUE TO MATRIX INTERFERENCES USE LCS/LCSD.											
MSD	DRO (mg/Kg)	*	<50	1	250	157	63	36	70 - 130	0 - 20	QC00999
* DRO - MS/MSD OUT OF RANGE DUE TO MATRIX INTERFERENCES USE LCS/LCSD.											

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Benzene (mg/Kg)	<0.05	50	0.1	5.52	110	9	80 - 120	0 - 20	QC01022
MS	Toluene (mg/Kg)	0.064	50	0.1	5.66	112	9	80 - 120	0 - 20	QC01022
MS	Ethylbenzene (mg/Kg)	<0.05	50	0.1	5.65	113	6	80 - 120	0 - 20	QC01022
MS	M,P,O-Xylene (mg/Kg)	0.124	50	0.3	16.7	111	5	80 - 120	0 - 20	QC01022

Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.	% Rec. Limit	Prep Batch #	QC Batch #
MS	TFT (mg/Kg)	4.4	50	0.1	RC	88	72 - 128	PB00849	QC01022
MS	4-BFB (mg/Kg)	4.77	50	0.1	RC	95	72 - 128	PB00849	QC01022

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MSD	Benzene (mg/Kg)	<0.05	50	0.1	5.6	112	1	80 - 120	0 - 20	QC01022
MSD	Toluene (mg/Kg)	0.064	50	0.1	5.84	116	3	80 - 120	0 - 20	QC01022
MSD	Ethylbenzene (mg/Kg)	<0.05	50	0.1	6.01	120	6	80 - 120	0 - 20	QC01022
MSD	M,P,O-Xylene (mg/Kg)	0.124	50	0.3	18	119	8	80 - 120	0 - 20	QC01022

Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.	% Rec. Limit	Prep Batch #	QC Batch #
MSD	TFT (mg/Kg)	4.7	50	0.1	RC	94	72 - 128	PB00849	QC01022
MSD	4-BFB (mg/Kg)	5.52	50	0.1	RC	110	72 - 128	PB00849	QC01022

Quality Control Report
Lab Control Spikes and Duplicate Spike

	Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS	MTBE (mg/Kg)	<0.05	50	0.1	5.6	112		80 - 120	0 - 20	QC01022
LCS	Benzene (mg/Kg)	<0.05	50	0.1	5.26	105		80 - 120	0 - 20	QC01022
LCS	Toluene (mg/Kg)	<0.05	50	0.1	5.38	108		80 - 120	0 - 20	QC01022
LCS	Ethylbenzene (mg/Kg)	<0.05	50	0.1	5.33	107		80 - 120	0 - 20	QC01022
LCS	M,P,O-Xylene (mg/Kg)	<0.05	50	0.3	15.6	104		80 - 120	0 - 20	QC01022

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCS	TFT (mg/Kg)	50	0.1	4.48	90	72 - 128	QC01022
LCS	4-BFB (mg/Kg)	50	0.1	4.9	98	72 - 128	QC01022

LCSD	MTBE (mg/Kg)	<0.05	50	0.1	5.19	104	8	80 - 120	0 - 20	QC01022
LCSD	Benzene (mg/Kg)	<0.05	50	0.1	4.81	96	9	80 - 120	0 - 20	QC01022
LCSD	Toluene (mg/Kg)	<0.05	50	0.1	4.94	99	9	80 - 120	0 - 20	QC01022
LCSD	Ethylbenzene (mg/Kg)	<0.05	50	0.1	5.02	100	6	80 - 120	0 - 20	QC01022
LCSD	M,P,O-Xylene (mg/Kg)	<0.05	50	0.3	14.8	99	5	80 - 120	0 - 20	QC01022

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCSD	TFT (mg/Kg)	50	0.1	4.24	85	72 - 128	QC01022
LCSD	4-BFB (mg/Kg)	50	0.1	4.75	95	72 - 128	QC01022

	Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS	DRO (mg/Kg)	<50	1	250	238	95		70 - 130	0 - 20	QC00999
LCSD	DRO (mg/Kg)	<50	1	250	242	97	2	70 - 130	0 - 20	QC00999

	Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS	GRO (mg/Kg)	<5	1	1	0.924	92		80 - 120	0 - 20	QC01058
LCSD	GRO (mg/Kg)	<5	1	1	0.892	89	4	80 - 120	0 - 20	QC01058

Quality Control Report
Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Benzene (mg/Kg)		0.1	0.103	103	80 - 120	2/21/00	QC01022
ICV	Toluene (mg/Kg)		0.1	0.105	105	80 - 120	2/21/00	QC01022
ICV	Ethylbenzene (mg/Kg)		0.1	0.109	109	80 - 120	2/21/00	QC01022
ICV	M,P,O-Xylene (mg/Kg)		0.3	0.321	107	80 - 120	2/21/00	QC01022
CCV 1	Benzene (mg/Kg)		0.1	0.101	101	80 - 120	2/21/00	QC01022
CCV 1	Toluene (mg/Kg)		0.1	0.103	103	80 - 120	2/21/00	QC01022
CCV 1	Ethylbenzene (mg/Kg)		0.1	0.102	102	80 - 120	2/21/00	QC01022
CCV 1	M,P,O-Xylene (mg/Kg)		0.3	0.298	99	80 - 120	2/21/00	QC01022
CCV 2	Benzene (mg/Kg)		0.1	0.098	98	80 - 120	2/21/00	QC01022
CCV 2	Toluene (mg/Kg)		0.1	0.102	102	80 - 120	2/21/00	QC01022
CCV 2	Ethylbenzene (mg/Kg)		0.1	0.1	100	80 - 120	2/21/00	QC01022
CCV 2	M,P,O-Xylene (mg/Kg)		0.3	0.296	99	80 - 120	2/21/00	QC01022

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	DRO (mg/Kg)		250	298	119	70 - 130	2/20/00	QC00999
CCV 1	DRO (mg/Kg)		250	270	108	70 - 130	2/20/00	QC00999
CCV 2	DRO (mg/Kg)		250	202	81	70 - 130	2/20/00	QC00999

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	GRO (mg/Kg)		1	0.889	89	80 - 120	2/22/00	QC01058
CCV 1	GRO (mg/Kg)		1	1.07	107	80 - 120	2/22/00	QC01058

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A000 21907

Company Name: New Mexico Oil Conservation Division
Phone #: 505-334-6178 ext 15
Address: (Street, City, Zip) 1000 Rio Brazos Rd Aztec, NM 87410
Fax #: 505-334-6170
Contact Person: Denny Foust or Wayne Price
Invoice to: (If different from above) 2040 South Pacheco Street, Santa Fe, NM 87505
Project #:
Project Name: ~~Fuss~~ Jaquez
Project Location: Blanco, NM
Sampler Signature: Denny Foust

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	SAMPLING: DATE	TIME
140974	#1 1430 0218 2000	1	4oz		✓							2/18/00	14:30
75	#2 1410 0218 2000	1	4oz		✓							2/18/00	14:10
76	#3 1400 0218 2000	1	4oz		✓							2/18/00	14:00
77	#4 1440 0218 2000	1	4oz		✓							2/18/00	14:40

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	TPH 8015 OC/D Item #11 GRO DRO	Turn Around Time if different from standard	Hold
	✓	✓													✓		
	✓														✓		
	✓	✓													✓		
	✓														✓		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Denny Foust	2/18/00	16:00			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Vicki Wrede	Date: 2/19/00	Time: 9:45 AM

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 5°C °
Log-in Review 2/23

REMARKS:

Carrier # Fedex 475572461 6

Institutes agreement to Terms and Conditions listed on reverse side of C.O.C.

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