



**Chevron**

July 19, 1999

**Chevron Products Company**  
6001 Bollinger Canyon Road  
Building L, Room 1080  
PO Box 6004  
San Ramon, CA 94583-0904

Ms. Eva Chu  
Alameda County Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Philip R. Briggs**  
Project Manager  
Site Assessment & Remediation  
Phone 925 842-9136  
Fax 925 842-8370

**Re: Chevron Service Station #9-0290**  
**1802 Webster Street, Alameda, California**

Dear Ms. Chu:

Enclosed is the Second Quarter Groundwater Monitoring Report for 1999 that was prepared by our consultant Blaine Tech Services Inc. for the above noted site. Ground water samples were collected and analyzed for TPH-g, TPH-d, BTEX and MtBE constituents.

Monitoring wells A-1, B-1, B-5, B-7, B-10, B-11, B-12 and B-13 are analyzed for the presence of TPH-g, TPH-d, BTEX and MtBE constituents. Well B-6 was only sampled for TPH-d and MtBE constituents in this sampling event. Well B-7 is sampled semi-annually in the 1<sup>st</sup> and 3<sup>rd</sup> quarters.

Monitoring well B-5 was below method detection limits for the TPH-g and TEX constituents. The benzene constituent increased in wells B-1, B-5, B-12, and B-13 from the previous sampling event, while decreasing in wells B-10 and B-11. The MtBE constituent increased in well B-5 while decreasing in wells B-1, B-5, B-6, B-10, B-11, B-12 and B-13 from the previous sampling event. No separate phase hydrocarbon (SPH) was detected in monitoring well A-1 in this sampling event. In fact the benzene concentration was only 13.4 ppb. and the monitoring data sheet does not show that any odors were detected. Additional sampling will be required to know if this is a trend toward elimination of SPH at this site.

The result of the TPH-d analysis in all of the wells indicates the presence of an unidentified hydrocarbon.

99 JUL 20 PM 2:57

ENVIRONMENTAL  
PROTECTION

July 19, 1999  
Ms. Eva Chu  
Chevron Service Station #9-0290  
Page 2

Depth to ground water varied from 4.02 feet to 5.75 feet below grade with a direction of flow southwesterly.

Your letter of March 24, 1999, requested that monitoring well B-12 be sampled for TOG, HVOC's, SVOC's and Metals (Cd, Cr, Pb, Ni and Zn). TRPH by EPA 418.1 was <1.00 ppb., HVOC's by EPA 8010 and SVOC's by EPA 8270 were below method detection limits for all constituents. The metals concentrations are located on page 19 of the analytical results of the appendix.

Chevron will continue to monitor the wells in the sampling frequency as noted above. If you have any questions or comments, call me at (925) 842-9136.

Sincerely,  
**CHEVRON PRODUCTS COMPANY**



Philip R. Briggs  
Site Assessment and Remediation Project Manager

Enclosure

CC. Mr. Bill Scudder, Chevron

Mr. Arnold Cherry  
10 Kelsey Court  
Pleasant Hill, CA 94523

ENVIRONMENTAL  
PROTECTION

00 JAN 24 AM 10:09



**Chevron**

Chevron U.S.A. Products Company  
6001 Bollinger Canyon Rd. Bldg. L  
P. O. Box 6004  
San Ramon, CA 94583-0804

Site Assessment and  
Remediation Group  
Phone (510) 842-8500  
Fax (510) 842-3370

Date: January 11, 2000  
To: Distribution  
Re: Groundwater Monitoring Report , 9-0290

The enclosed groundwater monitoring report has been properly reviewed by a Chevron authorized representative. Agency guidelines have been followed. Blaine Tech Services is authorized to distribute the report directly to interested parties.

If you have any questions, please call me at (510) 842-8695.

Sincerely,

A handwritten signature in cursive script that reads "Brent L. Hunter".

Brent Hunter  
Site Assessment and Remediation  
Project Manager

**BLAINE**  
TECH SERVICES INC.



1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105  
(408) 573-7771 FAX  
(408) 573-0555 PHONE

*still waiting for conduct study -  
still working on it (Geetha Ryan)*

January 7, 2000

Brett Hunter  
Chevron U.S.A. Products Company  
P.O. Box 6004  
San Ramon, CA 94583-0904

#### 4th Quarter 1999 Monitoring at 9-0290

Fourth Quarter 1999 Groundwater Monitoring at  
Chevron Service Station Number 9-0290  
1802 Webster Street  
Alameda, CA

Monitoring Performed on November 17, 1999

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#### Groundwater Sampling Report 9999117-A-1

This report covers the routine monitoring of groundwater wells at this Chevron facility. Blaine Tech Services, Inc.'s work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated volume of a three-case volume purge, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater is, likewise, collected and transported to McKittrick Waste Treatment Site for disposal.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

At a minimum, Blaine Tech Services, Inc. field personnel are certified upon completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,



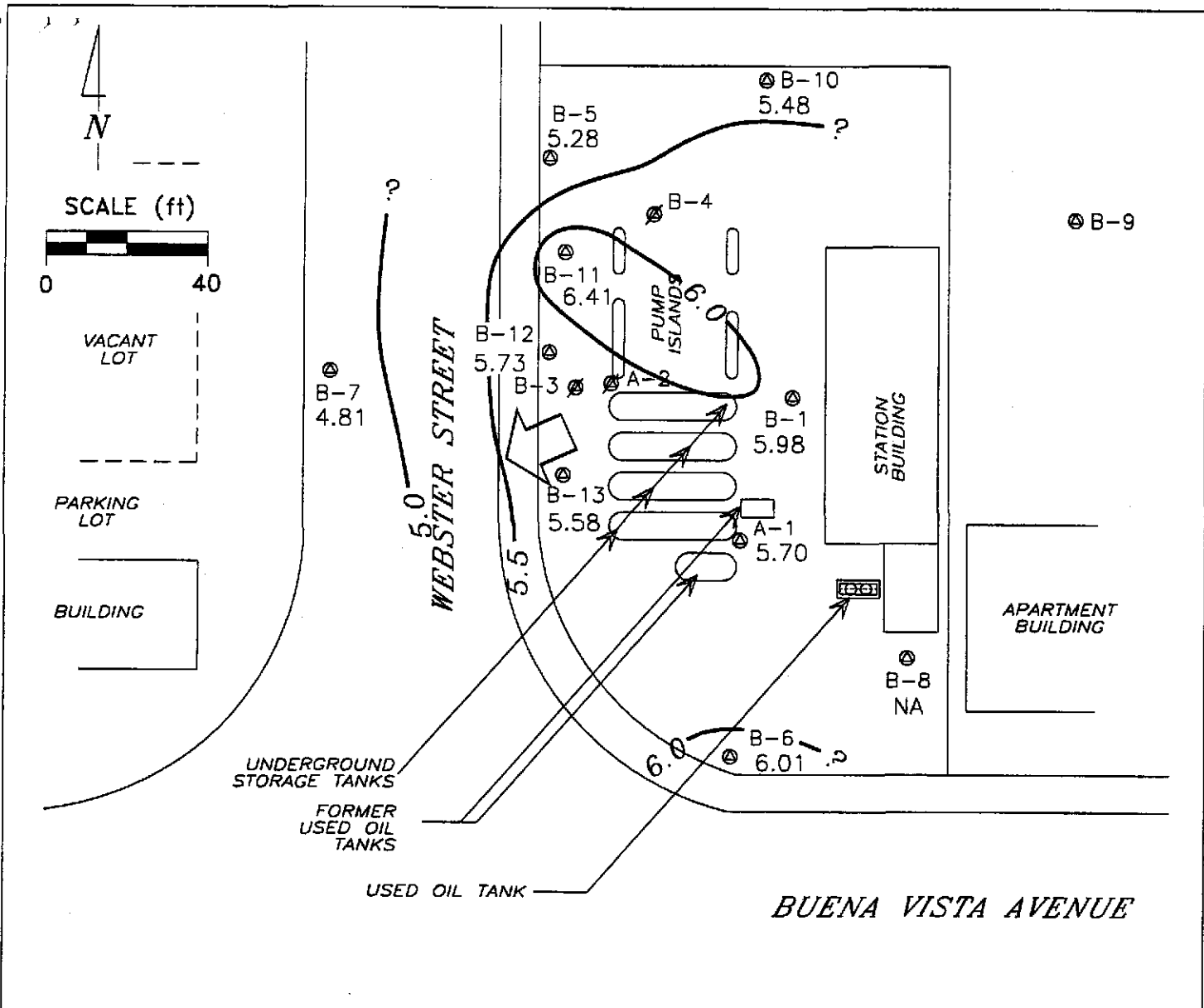
Scott Boor  
Project Coordinator

SDB/jh

attachments: Professional Engineering Appendix  
Cumulative Table of Well Data and Analytical Results  
Analytical Appendix  
Field Data Sheets

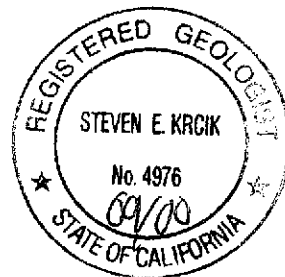
cc: Eva Chu, Alameda County Health Care Services  
Arnold Cherry  
Greg Gurss, Gettler-Ryan, Inc.  
Bill Scudder, Chevron Products Company (w/o enclosure)

# **Professional Engineering Appendix**




**EXPLANATION**

- ⊙ MONITORING WELL
- ⊘ ABANDONED MONITORING WELL
- 4.81 GROUNDWATER ELEVATION (FT, MSL)
- 5.5 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA DATA NOT AVAILABLE
- ← APPROXIMATE GROUNDWATER FLOW DIRECTION;  
APPROXIMATE GRADIENT = 0.002



Basemap from Geoconsultants, Inc.

PREPARED BY  engineering contracting firm	Chevron Station 9-0290 1802 Webster Street Alameda, California	FIGURE: <b>1</b> PROJECT: DAC04
	GROUNDWATER ELEVATION CONTOUR MAP, NOVEMBER 17, 1999	

**Table of  
Well Data and  
Analytical Results**



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-1</b>															
09/20/91	8.13	0.48	9.23	1.58	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.13	1.46	6.67	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.13	1.43	7.28	0.58	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.13	1.36	7.42	0.65	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.13	1.49	7.14	0.50	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.13	1.50	7.14	0.51	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.13	1.47	7.19	0.53	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.13	1.28	7.28	0.54	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.13	1.29	7.33	0.49	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.13	1.73	6.76	0.36	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.13	2.21	6.29	0.37	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.13	2.15	6.43	0.45	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.13	2.21	6.30	0.38	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.13	3.14	5.30	0.31	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.13	2.83	5.37	0.07	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.13	2.39	6.14	0.40	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.56	6.19	5.85	0.60	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.56	--	--	--	--	2.000	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	--	0.130	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	--	0.130	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	--	0.500	--	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	--	2.000	--	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/10/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
09/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
09/24/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-1 (CONT'D)</b>															
10/01/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/07/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/13/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/19/93	11.56	--	--	0.10	--	4.760	--	--	--	--	--	--	--	--	--
10/20/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
10/28/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/12/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/19/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/30/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/10/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/23/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
12/29/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/03/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/17/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
01/26/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/07/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/11/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/18/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
02/25/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/04/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/11/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/16/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
03/25/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
04/01/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/18/94	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
11/30/94	11.56	--	--	--	--	2.000	--	--	--	--	--	--	--	--	--
02/15/95	11.56	--	4.79	--	--	6.760	--	--	--	--	--	--	--	--	--
05/01/95	11.56	--	--	--	--	6.760	--	--	--	--	--	--	--	--	--
08/04/95	11.56	--	--	--	--	6.760	--	--	--	--	--	--	--	--	--
11/29/95	11.56	5.24	6.38	0.08	0.026	6.786	--	--	--	--	--	--	--	--	--
02/08/96	11.56	7.03	4.57	0.05	--	6.790	--	--	--	--	--	--	--	--	--
05/08/96	11.56	6.29	5.49	0.28	--	6.790	--	--	--	--	--	--	--	--	--
08/23/96	11.56	5.31	6.43	0.22	--	6.790	--	--	--	--	--	--	--	--	--
12/12/96	11.56	6.37	5.53	0.42	0.053	6.843	--	--	--	--	--	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-1 (CONT'D)</b>															
02/10/97	11.56	7.25	4.45	0.17	0.079	6.922	--	--	--	--	--	--	--	--	--
05/01/97	11.56	6.11	5.51	0.08	0.053	6.975	--	--	--	--	--	--	--	--	--
08/05/97	11.56	5.68	5.96	0.10	0.066	7.041	--	--	--	--	--	--	--	--	--
10/28/97	11.56	5.56	6.05	0.06	0.026	7.067	--	--	--	--	--	--	--	--	--
02/04/98	11.56	8.39	3.20	0.04	0.026	7.093	--	--	--	--	--	--	--	--	--
06/03/98	11.56	7.02	4.56	0.03	0.021	7.114	--	--	--	--	--	--	--	--	--
07/29/98	11.56	7.15	4.44	0.04	0.040	7.154	--	--	--	--	--	--	--	--	--
11/30/98	11.56	6.23	5.61	0.35	0.012	7.166	--	--	--	--	--	--	--	--	--
02/24/99	11.56	7.63	4.41	0.60	0.066	7.232	--	--	--	--	--	--	--	--	--
05/06/99	11.56	6.89	4.67	--	--	7.232	--	580	13.4	<2.0	4.68	58	--	9500*	165
08/30/99	11.56	5.52	6.04	--	--	7.232	**	615	12	3.45	3.8	44	--	22,000*	95.5
11/17/99	11.56	5.70	5.89	0.04	0.08	7.312	--	--	--	--	--	--	--	--	--

\* Chromatogram pattern indicates unidentified hydrocarbons.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-2</b>															
09/20/91	8.00	0.27	7.73	0.00	--	--	--	8100	860	14	110	53	--	5100	--
10/09/91	8.00	1.39	6.61	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.00	1.34	6.66	0.00	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.00	1.29	6.80	0.09	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.00	1.45	6.63	0.15	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.00	1.45	6.64	0.21	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.00	1.38	6.81	0.19	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.00	1.31	6.93	0.24	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.00	1.24	6.97	0.15	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.00	1.70	6.54	0.24	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.00	2.16	5.92	0.08	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.00	2.00	6.01	0.10	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.00	2.20	6.06	0.26	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.00	3.11	4.93	0.04	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.00	2.80	5.20	<0.01	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.00	2.36	5.66	0.02	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.00	3.20	4.98	0.22	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.24	5.36	0.18	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.46	--	--	--	0.13	1.000	--	--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13	1.130	--	--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26	1.390	--	--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50	1.890	--	--	--	--	--	--	--	--	--
06/29/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--	1.890	--	--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/10/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
09/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-2 (CONT'D)</b>															
10/01/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	1.890	--	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/11/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
04/01/94	11.46	--	--	--	--	1.890	Destroyed	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-1</b>															
04/23/93	12.12	6.19	5.93	--	--	--	--	13,000	4900	22	250	47	--	8300	--
07/19/93	12.12	5.46	6.66	--	--	--	--	3300	1200	16	24	<30	--	1600	--
10/19/93	12.12	5.04	7.08	--	--	--	--	2300	730	18	14	31	--	550	--
01/17/94	12.12	5.39	6.73	--	--	--	--	22,000	6500	170	210	430	--	<50	--
08/18/94	12.12	5.27	6.85	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
11/30/94	12.12	6.11	6.01	--	--	--	--	1500	250	17	7.5	19	<5.0*	3200**	--
02/15/95	12.12	6.75	5.37	--	--	--	--	1000	160	<2.0	4.6	2.6	--	1300**	--
05/01/95	12.12	7.00	5.12	--	--	--	--	140	20	0.52	2.0	0.67	--	2600***	--
08/04/95	12.12	6.62	5.50	--	--	--	--	6700	1400	<20	<20	<20	--	4900***	--
11/29/95	12.12	6.27	5.85	--	--	--	--	9200	2200	<25	<25	25	--	5000***	8300
02/08/96	12.12	8.12	4.00	--	--	--	--	1500	190	<5.0	<5.0	<5.0	--	1300***	2300
05/08/96	12.12	7.32	4.80	--	--	--	--	3700	650	<10	24	16	--	2900***	2300
08/23/96	12.12	6.58	5.54	--	--	--	--	3200	500	<20	<20	<20	--	2600	4900
12/12/96	12.12	7.22	4.90	--	--	--	--	2500	380	<25	<25	25	--	3400+	8600
02/10/97	12.12	7.53	4.59	--	--	--	--	2200	270	11	8.8	13	--	2100***	3400
05/01/97	12.12	6.46	5.66	--	--	--	--	1200	70	5.8	<5.0	7.2	--	1300***	2000
08/05/97	12.12	5.68	6.44	--	--	--	--	<1000	86	<10	<10	<10	--	1500***	3800
10/28/97	12.12	5.69	6.43	--	--	--	--	1400	73	6.5	6.8	9.0	--	2000***	2900
02/04/98	12.12	9.11	3.01	--	--	--	--	1500	4.5	1.7	<0.5	2.2	--	1200***	1900
02/12/98	12.12	8.33	3.79	--	--	--	--	--	--	--	--	--	--	--	--
06/03/98	12.12	7.23	4.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	970***	1400
07/29/98	12.12	6.37	5.75	--	--	--	++	850	27	<0.5	4.0	2.9	--	1100***	770
07/29/98	12.12	6.37	5.75	--	--	--	Confirmation run	--	--	--	--	--	--	--	1200
11/30/98	12.12	6.44	5.68	--	--	--	--	543	<5.0	<5.0	<5.0	<5.0	--	1490	2220
02/24/99	12.12	7.83	4.29	--	--	--	--	390	1.6	0.57	2.8	2.5	--	1400***	2600
05/06/99	12.12	7.11	5.01	--	--	--	--	239	4.02	<0.5	3.87	1.97	--	340***	197
08/30/99	12.12	5.91	6.21	--	--	--	--	739	22.4	3.45	5.62	3.27	--	1570+++	1110
11/17/99	12.12	5.98	6.14	--	--	--	--	907	66.4	3.82	4.39	4.75	--	1730	2480

\* Analytical values are in parts per million (ppm).

\*\* Chromatogram pattern indicates a non-diesel mix.

\*\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

+ Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

++ See Table of Additional Analyses.

+++ Hydrocarbon pattern appears to be weathered.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-3</b>															
09/20/91	8.01	1.08	6.94	0.01	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.01	1.66	6.35	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.01	1.53	6.84	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.01	1.70	6.31	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.01	1.69	6.32	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.01	1.62	6.39	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.01	1.19	6.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.01	1.64	6.37	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.01	2.07	5.94	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.01	2.02	5.99	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.01	2.19	5.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.01	2.91	5.10	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.01	2.65	5.36	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.01	2.29	5.72	--	--	--	--	6200	550	58	13	51	5000	250	--
01/06/93	8.01	2.51	5.50	--	--	--	Sheen	5400	490	54	51	82	--	10,000	--
02/03/93	8.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.42	6.10	5.32	--	--	--	--	18,000	540	69	47	120	--	6400	--
07/29/93	11.42	5.48	5.94	--	--	--	--	40,000	780	69	49	150	--	4000	--
10/19/93	11.42	5.10	6.32	--	--	--	--	20,000	520	37	43	100	--	1500	--
01/17/94	11.42	4.47	6.95	--	--	--	Destroyed	3900	430	32	29	82	--	<50	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-4</b>															
09/20/91	8.04	1.22	6.82	0.01	--	--	--	19,000	710	160	650	2000	--	1400	--
10/09/91	8.04	1.41	6.63	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.04	1.17	6.87	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.04	1.34	6.70	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.04	1.31	6.73	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.04	1.21	6.83	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.04	1.17	6.87	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.04	1.58	6.46	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.04	2.13	5.91	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.04	2.09	5.95	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.04	2.26	5.78	<0.01	--	--	--	15,000	920	75	520	940	--	860	--
03/09/92	8.04	2.95	5.09	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.04	2.65	5.39	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.04	2.45	5.59	--	--	--	--	19,000	2000	97	560	1200	5000	<50	--
01/06/93	8.04	2.54	5.50	--	--	--	Sheen	19,000	2000	89	490	740	--	2700	--
02/03/93	8.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.07	5.39	--	--	--	--	5700	2400	75	380	580	--	2300	--
07/19/93	11.46	5.33	6.13	--	--	--	--	19,000	2400	140	440	620	--	2400	--
10/19/93	11.46	4.95	6.51	--	--	--	--	13,000	1200	84	290	530	--	2100	--
01/17/94	11.46	5.28	6.18	--	--	--	Destroyed	11,000	1900	63	170	290	--	<50	--



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-5</b>															
09/20/91	7.73	2.20	5.53	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
10/09/91	7.73	2.42	5.31	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	7.73	2.09	5.64	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	7.73	2.24	5.49	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	7.73	2.19	5.54	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	7.73	2.10	5.63	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	7.73	2.54	5.19	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	7.73	3.07	4.65	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	7.73	3.03	4.70	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	7.73	3.38	4.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/09/92	7.73	3.68	4.05	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	7.73	3.30	4.43	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	7.73	3.94	3.79	--	--	--	--	390	39	1.9	11	24	5000	--	--
01/06/93	7.73	3.39	4.44	--	--	--	Sheen	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/03/93	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	10.18	5.86	4.32	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
07/19/93	10.18	5.15	5.03	--	--	--	--	54	<0.5	0.7	<0.5	<1.5	--	<50	--
10/19/93	10.18	5.08	5.10	--	--	--	--	<50	2.0	4.1	0.6	3.5	--	<50	--
01/07/94	10.18	5.32	4.86	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.18	5.04	5.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	10.18	5.73	4.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	140*	--
02/15/95	10.18	6.03	4.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	170*	--
05/01/95	10.18	5.75	4.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	190**	--
08/04/95	10.18	5.22	4.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	250**	--
11/29/95	10.18	4.97	5.21	--	--	--	--	140	1.5	<0.5	1.1	<0.5	--	330**	800
02/08/96	10.18	6.38	3.80	--	--	--	--	<200	2.1	<2.0	<2.0	<2.0	--	250**	1100
05/08/96	10.18	5.78	4.40	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	350**	1400
08/23/96	10.18	5.19	4.99	--	--	--	--	250	6.4	2.1	2.1	4.3	--	990	9300
12/12/96	10.18	5.90	4.28	--	--	--	--	<1000	<10	<10	<10	<10	--	430**	6700

CONTINUED ON NEXT PAGE

\* Chromagram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)							
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-5 (CONT'D)</b>															
02/10/97	10.18	6.55	3.63	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	340**	930
05/01/97	10.18	5.87	4.31	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	290**	1900
08/05/97	10.18	5.29	4.89	--	--	--	--	<1000	<10	<10	<10	<10	--	710**	6800
10/28/97	10.18	5.18	5.00	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	880**	7000
02/04/98	10.18	7.65	2.53	--	--	--	--	<50	0.51	<0.5	<0.5	<0.5	--	290**	2100
06/03/98	10.18	6.33	3.85	--	--	--	--	220	2.0	15	2.8	20	--	630**	450
07/29/98	10.18	5.63	4.55	--	--	--	*	<50	1.6	<0.5	<0.5	1.6	--	1100**	4600
07/29/98	10.18	5.63	4.55	--	--	--	Confirmation run	--	--	--	--	--	--	--	6200
11/30/98	10.18	5.81	4.37	--	--	--	--	<50	<0.5	1.91	<0.5	1.09	--	371	202
02/24/99	10.18	6.79	3.39	--	--	--	--	<50	<0.5	<0.5	0.69	3.1	--	512**	25
05/06/99	10.18	6.16	4.02	--	--	--	--	<50	2.27	<0.5	<0.5	<0.5	--	790**	3090
08/30/99	10.18	5.02	5.16	--	--	--	--	<250	4.25	<2.5	<2.5	<2.5	--	1890***	10,400
11/17/99	10.18	5.28	4.90	--	--	--	--	101	4.95	<0.5	<0.5	<0.5	--	1180**	8510

\* See Table of Additional Analyses.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\*\* Hydrocarbon pattern in sample appears to be weathered.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-6</b>															
09/20/91	8.55	1.70	6.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
10/09/91	8.55	1.72	6.83	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.55	1.65	6.90	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.55	1.62	6.93	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.55	1.77	6.78	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.55	1.74	6.81	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.55	1.67	6.88	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.55	1.60	6.95	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.55	1.41	7.14	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.55	2.05	6.50	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.55	2.36	6.19	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.55	2.28	6.27	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.55	2.43	6.12	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/09/92	8.55	3.27	5.28	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.55	3.07	5.48	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.55	2.65	5.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	5000	<50	--
01/06/93	8.55	2.76	5.79	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/03/93	8.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.97	6.70	5.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
07/19/93	11.97	5.06	6.91	--	--	--	--	74	<0.5	<0.5	<0.5	<1.5	--	<50	--
10/19/93	11.97	5.49	6.48	--	--	--	--	<50	<0.5	0.5	<0.5	2.2	--	<50	--
01/07/94	11.97	5.79	6.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	11.97	5.77	6.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	11.97	6.52	5.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	230*	--
02/15/95	11.97	7.27	4.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	130*	--
05/01/95	11.97	6.94	5.03	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	97**	--
08/04/95	11.97	6.15	5.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	350**	--
11/29/95	11.97	5.97	6.00	--	--	--	--	--	--	--	--	--	--	200**	--
02/08/96	11.97	7.27	4.70	--	--	--	--	--	--	--	--	--	--	210**	--
05/08/96	11.97	6.74	5.23	--	--	--	--	--	--	--	--	--	--	250**	--
08/23/96	11.97	5.92	6.05	--	--	--	--	--	--	--	--	--	--	310**	--
12/12/96	11.97	6.65	5.32	--	--	--	--	--	--	--	--	--	--	300**	--

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\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-6 (CONT'D)</b>															
02/10/97	11.97	7.60	4.37	--	--	--	--	--	--	--	--	--	--	130**	360
05/01/97	11.97	6.74	5.23	--	--	--	--	--	--	--	--	--	--	260**	2200
08/05/97	11.97	6.22	5.75	--	--	--	--	--	--	--	--	--	--	260**	1800
10/28/97	11.97	5.89	6.08	--	--	--	--	--	--	--	--	--	--	340**	1900
02/04/98	11.97	9.26	2.71	--	--	--	--	--	--	--	--	--	--	280**	1400
06/03/98	11.97	7.49	4.48	--	--	--	--	--	--	--	--	--	--	130**	1200
07/29/98	11.97	6.69	5.28	--	--	--	--	--	--	--	--	--	--	340**	2700
07/29/98	11.97	6.69	5.28	--	--	--	Confirmation run	--	--	--	--	--	--	--	3000
11/30/98	11.97	6.48	5.49	--	--	--	--	655	<5.0	<5.0	<5.0	<5.0	--	2740	2160
02/24/99	11.97	7.79	4.18	--	--	--	--	--	--	--	--	--	--	225**	1500
05/06/99	11.97	6.29	5.68	--	--	--	--	--	--	--	--	--	--	71**	1010
08/30/99	11.97	6.06	5.91	--	--	--	--	--	--	--	--	--	--	356**	4520
11/17/99	11.97	6.01	5.96	--	--	--	--	--	--	--	--	--	--	1960**	5160

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-7</b>															
04/23/93	10.54	6.02	4.52	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	10.54	5.50	5.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	10.54	5.14	5.40	--	--	--	--	<50	3.1	0.5	<0.5	0.8	--	<50	--
01/07/94	10.54	5.35	5.19	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.54	5.28	5.26	--	--	--	--	<50	<0.5	<0.5	<0.5	1.1	--	<50	--
11/30/94	10.54	5.96	4.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/15/95	10.54	6.32	4.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
05/01/95	10.54	6.04	4.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	53**	--
08/04/95	10.54	5.56	4.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/12/98	10.54	7.49	3.05	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
06/03/98	10.54	6.59	3.95	--	--	--	Sampled biannually	--	--	--	--	--	--	--	--
07/29/98	10.54	5.99	4.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
11/30/98	10.54	5.56	4.98	--	--	--	--	--	--	--	--	--	--	--	--
02/24/99	10.54	7.24	3.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
05/06/99	10.54	4.79	5.75	--	--	--	--	--	--	--	--	--	--	--	--
08/30/99	10.54	5.25	5.29	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
11/17/99	10.54	4.81	5.73	--	--	--	--	--	--	--	--	--	--	--	--
<b>B-8</b>															
04/23/93	11.99	6.63	5.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	11.99	5.77	6.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	11.99	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--
01/07/94	11.99	5.69	6.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	11.99	5.56	6.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	11.99	6.53	5.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*	--
02/15/95	11.99	7.27	4.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*	--
05/01/95	11.99	6.99	5.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	51**	--
08/04/95	11.99	6.07	5.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/98	11.99	6.45	5.54	--	--	--	--	--	--	--	--	--	--	--	--

NO LONGER MONITORED OR SAMPLED

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-9</b>															
04/23/93	10.70	6.14	4.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	10.70	5.25	5.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	10.70	4.81	5.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
01/07/94	10.70	5.29	5.41	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.70	5.15	5.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	10.70	6.35	4.35	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	60*	--
02/15/95	10.70	7.05	3.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
05/01/95	10.70	6.41	4.29	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/04/95	10.70	5.50	5.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
NO LONGER MONITORED OR SAMPLED															
<b>B-10</b>															
11/29/95	11.42	4.91	6.51	--	--	--	--	1700	95	<2.5	69	170	--	900*	22
02/08/96	11.42	6.87	4.55	--	--	--	--	230	31	<0.5	7.2	6.2	--	650*	10
05/08/96	11.42	5.87	5.55	--	--	--	--	260	61	0.59	37	23	--	570*	20
08/23/96	11.42	5.23	6.19	--	--	--	--	320	34	<0.5	29	15	--	700*	8.3
12/12/96	11.42	5.59	5.83	--	--	--	--	1600	94	<2.5	110	27	--	990*	<12
02/10/97	11.42	6.84	4.58	--	--	--	--	2100	230	5.6	130	83	--	530*	<12
05/01/97	11.42	5.85	5.57	--	--	--	--	2300	110	<2.5	140	49	--	770*	<12
08/05/97	11.42	5.12	6.30	--	--	--	--	650	33	1.1	70	16	--	620*	3.2
10/28/97	11.42	5.24	6.18	--	--	--	--	740	25	1.6	53	14	--	310*	6.7
02/04/98	11.42	8.53	2.89	--	--	--	--	950	23	4.5	<0.5	1.9	--	250*	<2.5
06/03/98	11.42	6.62	4.80	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	490*	<2.5
07/29/98	11.42	5.77	5.65	--	--	--	**	290	3.9	<0.5	8.5	1.4	--	390*	<2.5
11/30/98	11.42	5.80	5.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	437	7.11
02/24/99	11.42	7.19	4.23	--	--	--	--	160	35	0.55	0.64	0.64	--	259*	9.2
05/06/99	11.42	6.31	5.11	--	--	--	--	490	7.05	1.02	8.24	2.18	--	190*	<5.0
08/30/99	11.42	5.06	6.36	--	--	--	--	205	1.79	0.808	5.55	2.16	--	330*	3.93
11/17/99	11.42	5.48	5.94	--	--	--	--	108	1.2	<0.5	1.2	<0.5	--	2180*	<2.5

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Volumetric Measurements			Notes	Analytical results							
				SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-11</b>															
11/29/95	11.98	6.08	5.90	--	--	--	--	2800	38	<10	26	48	--	1400*	21,000
02/08/96	11.98	7.54	4.44	--	--	--	--	<5000	<50	<50	<50	<50	--	1100*	38,000
05/08/96	11.98	6.98	5.00	--	--	--	--	4100	110	<10	31	25	--	1300*	17,000
08/23/96	11.98	6.37	5.61	--	--	--	--	3400	160	12	41	13	--	820*	4000
12/12/96	11.98	6.85	5.13	--	--	--	--	3700	120	12	<5.0	30	--	1300*	2200
02/10/97	11.98	7.91	4.07	--	--	--	--	2300	56	17	<5.0	20	--	810*	4700
05/01/97	11.98	6.95	5.03	--	--	--	--	<5000	<50	<50	<50	<50	--	820*	21,000
08/05/97	11.98	6.38	5.60	--	--	--	--	3500	42	<10	<10	<10	--	900*	4100
10/28/97	11.98	6.30	5.68	--	--	--	--	3000	39	6.2	8.0	13	--	1300*	2300
02/04/98	11.98	9.39	2.59	--	--	--	--	1300	3.2	1.4	<0.5	5.0	--	930*	46,000
06/03/98	11.98	7.53	4.45	--	--	--	--	860	3.7	1.4	0.84	3.0	--	740*	34,000
07/29/98	11.98	6.80	5.18	--	--	--	**	1300	6.9	2.5	3.8	2.0	--	1400*	50,000
07/29/98	11.98	6.80	5.18	--	--	--	Confirmation run	--	--	--	--	--	--	--	41,000
11/30/98	11.98	6.91	5.07	--	--	--	--	<1000	<10	<10	<10	<10	--	1020	5370
02/24/99	11.98	7.79	4.19	--	--	--	--	690	4.7	<0.5	2.7	3.1	--	2290*	67,000
05/06/99	11.98	7.43	4.55	--	--	--	--	423	4.66	0.662	<0.5	1.38	--	580*	20,600
08/30/99	11.98	6.18	5.80	--	--	--	--	1220	31	8.6	<5.0	14	--	1120*	10,900
11/17/99	11.98	6.41	5.57	--	--	--	--	2800	36.6	10.6	8.41	11.6	--	1160*	12,000

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-12</b>															
11/29/95	11.16	5.15	6.01	--	--	--	--	1100	10	<10	<10	<10	--	1800*	37,000
02/08/96	11.16	6.56	4.60	--	--	--	--	<20,000	<200	<200	<200	<200	--	1800*	88,000
05/08/96	11.16	6.08	5.08	--	--	--	--	<25,000	<250	<250	<250	<250	--	1800*	88,000
08/23/96	11.16	5.51	5.65	--	--	--	--	630	16	<5.0	<5.0	<5.0	--	1500*	420
12/12/96	11.16	6.05	5.11	--	--	--	--	<25,000	<250	<250	<250	<250	--	1200*	54,000
02/10/97	11.16	7.05	4.11	--	--	--	--	<20,000	<200	<200	<200	<200	--	1200*	65,000
02/10/97	11.16	7.05	4.11	--	--	--	EPA 8240	--	<500	<500	<500	<500	--	--	--
05/01/97	11.16	6.17	4.99	--	--	--	--	<12,500	<125	<125	<125	<125	--	1100*	64,000
08/05/97	11.16	5.55	5.61	--	--	--	--	<10,000	<100	<100	<100	<100	--	1100*	46,000
10/28/97	11.16	5.40	5.76	--	--	--	--	1400	39	<5.0	7.2	6.0	--	1100*	29,000
02/04/98	11.16	8.53	2.63	--	--	--	--	920	6.9	1.1	<0.5	2.8	--	4800*	59,000
06/03/98	11.16	6.71	4.45	--	--	--	--	590	9.4	<0.5	0.93	<0.5	--	2000*	15,000
07/29/98	11.16	5.91	5.25	--	--	--	**	820	5.6	2.0	3.3	1.2	--	2200*	28,000
07/29/98	11.16	5.91	5.25	--	--	--	Confirmation run	--	--	--	--	--	--	--	33,000
11/30/98	11.16	6.03	5.13	--	--	--	--	2110	<10	<10	<10	<10	--	1060	5330
02/24/99	11.16	7.16	4.00	--	--	--	--	410	0.64	<0.5	2.2	2.3	--	2680*	15,000
05/06/99	11.16	6.71	4.45	--	--	--	**	<500	<5.0	<5.0	<5.0	<5.0	1000	3550*	1370
08/30/99	11.16	5.32	5.84	--	--	--	--	985	12.5	6.0	9.5	10.8	--	1310*	6600
11/17/99	11.16	5.73	5.43	--	--	--	--	1700	14.4	5.99	5.98	<5.0	--	1060*	14,200

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-13</b>															
11/29/95	11.17	5.26	5.91	--	--	--	--	1800	19	<5.0	5.5	<5.0	--	3400*	7400
02/08/96	11.17	6.72	4.45	--	--	--	--	910	12	1.3	2.0	1.9	--	450*	77
05/08/96	11.17	6.20	4.97	--	--	--	--	140	1.9	<0.5	0.88	2.0	--	560*	98
08/23/96	11.17	5.54	5.63	--	--	--	--	1300	<10	<10	<10	<10	--	1300*	450
12/12/96	11.17	5.91	5.26	--	--	--	--	2600	29	5.4	9.40	6.3	--	1300*	230
02/10/97	11.17	7.05	4.12	--	--	--	--	670	<0.5	6.7	2.6	5.6	--	290*	28
05/01/97	11.17	6.17	5.00	--	--	--	--	920	8.5	4.6	2.1	6.1	--	480*	530
08/05/97	11.17	5.52	5.65	--	--	--	--	1900	23	<5.0	<5.0	<5.0	--	1300*	860
10/28/97	11.17	5.49	5.68	--	--	--	--	2400	33	14	8.4	10	--	2200*	2100
02/04/98	11.17	8.48	2.69	--	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--	260*	260
06/03/98	11.17	6.79	4.38	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	480*	400
07/29/98	11.17	6.12	5.05	--	--	--	**	350	5.0	<0.5	0.67	1.2	--	830*	730
07/29/98	11.17	6.12	5.05	--	--	--	Confirmation run	--	--	--	--	--	--	--	980
11/30/98	11.17	6.16	5.01	--	--	--	--	168	0.797	<0.5	<0.5	<0.5	--	741	114
02/24/99	11.17	7.14	4.03	--	--	--	--	69	<0.5	<0.5	<0.5	<0.5	--	670*	530
05/06/99	11.17	6.72	4.45	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	540*	454
08/30/99	11.17	5.43	5.74	--	--	--	--	748	13.7	<2.5	4.53	10.6	--	927*	377
11/17/99	11.17	5.58	5.59	--	--	--	--	1240	24.6	8.96	<5.0	20.2	--	1310*	1900

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>TRIP BLANK</b>															
01/06/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	--	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--	--
01/17/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/18/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/15/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/01/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/04/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/29/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/08/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
08/23/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/12/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/10/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
05/01/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
08/05/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
10/28/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/04/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/12/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
06/03/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
07/29/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
11/30/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.0
02/24/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
05/06/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<5.0
08/30/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
11/17/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5

## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

DATE	Notes	Alkalinity	Ferrous Iron	Nitrate as Nitrate	Sulfate	EPA 8010B	EPA 8270B	Cadmium	Chromium	Lead	Nickel	Zinc	Motor Oil
<b>A-1</b>													
08/30/99	--	--	--	--	--	--	--	--	--	--	--	--	68,400
<b>B-1</b>													
07/29/98	--	930,000	2000	13,000	280,000	--	--	--	--	--	--	--	--
<b>B-5</b>													
07/29/98	--	280,000	1100	<1000	7000	--	--	--	--	--	--	--	--
<b>B-10</b>													
07/29/98	--	630,000	740	34,000	16,000	--	--	--	--	--	--	--	--
<b>B-11</b>													
07/29/98	--	460,000	1100	33,000	18,000	--	--	--	--	--	--	--	--
<b>B-12</b>													
07/29/98	--	700,000	450	<1000	27,000	--	--	--	--	--	--	--	--
05/06/99	--	--	--	--	--	5.0-<10	<10-<50	<10	86.7	<75	143	185	--
<b>B-13</b>													
07/29/98	--	290,000	240	5600	17,000	--	--	--	--	--	--	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.  
 Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

**ABBREVIATIONS:**

TPH = Total Petroleum Hydrocarbons  
 SPH = Separate-Phase Hydrocarbons  
 TOG = Total Oil and Grease  
 MTBE = Methyl t-Butyl Ether

# Analytical Appendix



December 8, 1999  
Reissued December 16, 1999

Scott Boor  
Blaine Tech Services (Chev)  
1680 Rogers Avenue  
San Jose, CA 95112

RE: Chevron 9-0290/M911681

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on November 18, 1999. This report has been revised and reissued to correct a typographical error for the date sampled. The original report had a date of 11/17/00. It was corrected to 11/17/99. Chromatograms for unidentified hydrocarbons are included in this report. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Bonnes  
Project Manager

CA ELAP Certificate Number 1210





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**ANALYTICAL REPORT FOR M911681**

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
B-1	M911681-01	Water	11/17/99
B-5	M911681-02	Water	11/17/99
B-6	M911681-03	Water	11/17/99
B-10	M911681-04	Water	11/17/99
B-11	M911681-05	Water	11/17/99
B-12	M911681-06	Water	11/17/99
B-13	M911681-07	Water	11/17/99
TB	M911681-08	Water	11/17/99





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**  
**Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<b><u>M911681-01</u></b>				
<b>B-1</b>							<b><u>Water</u></b>	
Purgeable Hydrocarbons	9110770	11/24/99	11/24/99		250	907	ug/l	1,D
Benzene	"	"	"		2.50	66.4	"	D
Toluene	"	"	"		2.50	3.82	"	D
Ethylbenzene	"	"	"		2.50	4.39	"	D
Xylenes (total)	"	"	"		2.50	4.75	"	D
Methyl tert-butyl ether	"	"	"		50.0	2480	"	2,D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		94.7	%	
				<b><u>M911681-02</u></b>				
<b>B-5</b>							<b><u>Water</u></b>	
Purgeable Hydrocarbons	9110770	11/24/99	11/24/99		50.0	101	ug/l	1
Benzene	"	"	"		0.500	4.95	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	11/30/99		500	8510	"	2,D
Surrogate: a,a,a-Trifluorotoluene	"	"	11/24/99	70.0-130		95.5	%	
				<b><u>M911681-04</u></b>				
<b>B-10</b>							<b><u>Water</u></b>	
Purgeable Hydrocarbons	9110770	11/24/99	11/24/99		50.0	108	ug/l	1
Benzene	"	"	"		0.500	1.20	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	1.20	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		102	%	
				<b><u>M911681-05</u></b>				
<b>B-11</b>							<b><u>Water</u></b>	
Purgeable Hydrocarbons	9110854	11/30/99	11/30/99		500	2800	ug/l	3,D
Benzene	"	"	"		5.00	36.6	"	D
Toluene	"	"	"		5.00	10.6	"	D
Ethylbenzene	"	"	"		5.00	8.41	"	D
Xylenes (total)	"	"	"		5.00	11.6	"	D
Methyl tert-butyl ether	"	"	11/24/99		125	12000	"	2,D
Surrogate: a,a,a-Trifluorotoluene	"	"	11/30/99	70.0-130		76.9	%	
				<b><u>M911681-06</u></b>				
<b>B-12</b>							<b><u>Water</u></b>	
Purgeable Hydrocarbons	9110854	11/30/99	11/30/99		500	1700	ug/l	3,D
Benzene	"	"	"		5.00	14.4	"	D
Toluene	"	"	"		5.00	5.99	"	D
Ethylbenzene	"	"	"		5.00	5.98	"	D
Xylenes (total)	"	"	"		5.00	ND	"	D





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>B-12 (continued)</b>				<b>M911681-06</b>		<b>Water</b>		
Methyl tert-butyl ether	9110854	11/30/99	11/24/99		125	14200	ug/l	2,D
Surrogate: a,a,a-Trifluorotoluene	"	"	11/30/99	70.0-130		81.1	%	
<b>B-13</b>				<b>M911681-07</b>		<b>Water</b>		
Purgeable Hydrocarbons	9110850	12/1/99	12/1/99		500	1240	ug/l	1,D
Benzene	"	"	"		5.00	24.6	"	D
Toluene	"	"	"		5.00	8.96	"	D
Ethylbenzene	"	"	"		5.00	ND	"	D
Xylenes (total)	"	"	"		5.00	20.2	"	D
Methyl tert-butyl ether	"	"	"		25.0	1900	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		76.8	%	
<b>TB</b>				<b>M911681-08</b>		<b>Water</b>		
Purgeable Hydrocarbons	9110770	11/24/99	11/24/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		87.3	%	







Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>B-1</b> <b>Diesel Range Hydrocarbons</b>	9120063	12/1/99	12/6/99	<b>M911681-01</b>	0.0500	<b>1.73</b>	<b>Water</b> mg/l	
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		188	%	4
<b>B-5</b> <b>Diesel Range Hydrocarbons</b>	9120063	12/1/99	12/6/99	<b>M911681-02</b>	0.0500	<b>1.18</b>	<b>Water</b> mg/l	5
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		138	%	
<b>B-6</b> <b>Diesel Range Hydrocarbons</b>	9120063	12/1/99	12/7/99	<b>M911681-03</b>	0.0500	<b>0.196</b>	<b>Water</b> mg/l	5
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		82.0	%	
<b>B-10</b> <b>Diesel Range Hydrocarbons</b>	9120063	12/1/99	12/7/99	<b>M911681-04</b>	0.0500	<b>0.218</b>	<b>Water</b> mg/l	5
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		108	%	
<b>B-11</b> <b>Diesel Range Hydrocarbons</b>	9120063	12/1/99	12/7/99	<b>M911681-05</b>	0.0500	<b>1.16</b>	<b>Water</b> mg/l	5
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		102	%	
<b>B-12</b> <b>Diesel Range Hydrocarbons</b>	9120063	12/1/99	12/7/99	<b>M911681-06</b>	0.0500	<b>1.06</b>	<b>Water</b> mg/l	5
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		126	%	
<b>B-13</b> <b>Diesel Range Hydrocarbons</b>	9120063	12/1/99	12/7/99	<b>M911681-07</b>	0.0500	<b>1.31</b>	<b>Water</b> mg/l	5
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		108	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>B-6</b>				<b>M911681-03</b>			<b>Water</b>	
<b>Methyl tert-butyl ether</b>	9110854	11/30/99	11/30/99		250	<b>5160</b>	ug/l	D
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		95.8	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Batch: 9110770</b>		<b>Date Prepared: 11/24/99</b>			<b>Extraction Method: EPA 5030B [P/T]</b>					
<b>Blank</b>		<b>9110770-BLK1</b>								
Purgeable Hydrocarbons	11/24/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.22	"	70.0-130	92.2			
<b>LCS</b>		<b>9110770-BS1</b>								
Benzene	11/24/99	10.0		9.36	ug/l	70.0-130	93.6			
Toluene	"	10.0		9.19	"	70.0-130	91.9			
Ethylbenzene	"	10.0		9.05	"	70.0-130	90.5			
Xylenes (total)	"	30.0		28.0	"	70.0-130	93.3			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.30	"	70.0-130	93.0			
<b>Matrix Spike</b>		<b>9110770-MS1</b>		<b>M911685-05</b>						
Benzene	11/24/99	10.0	6.19	14.9	ug/l	60.0-140	87.1			
Toluene	"	10.0	14.5	22.4	"	60.0-140	79.0			
Ethylbenzene	"	10.0	4.81	13.5	"	60.0-140	86.9			
Xylenes (total)	"	30.0	19.4	45.7	"	60.0-140	87.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.55	"	70.0-130	85.5			
<b>Matrix Spike Dup</b>		<b>9110770-MSD1</b>		<b>M911685-05</b>						
Benzene	11/24/99	10.0	6.19	16.5	ug/l	60.0-140	103	25.0	16.7	
Toluene	"	10.0	14.5	24.9	"	60.0-140	104	25.0	27.3	6
Ethylbenzene	"	10.0	4.81	15.0	"	60.0-140	102	25.0	16.0	
Xylenes (total)	"	30.0	19.4	50.7	"	60.0-140	104	25.0	17.0	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.84	"	70.0-130	88.4			
<b>Batch: 9110850</b>		<b>Date Prepared: 12/1/99</b>			<b>Extraction Method: EPA 5030B [P/T]</b>					
<b>Blank</b>		<b>9110850-BLK1</b>								
Purgeable Hydrocarbons	12/1/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		7.92	"	70.0-130	79.2			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>LCS</b> <u>9110850-BS1</u>										
Purgeable Hydrocarbons	12/1/99	250		232	ug/l	70.0-130	92.8			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		8.65	"	70.0-130	86.5			
<b>LCS Dup</b> <u>9110850-BSD1</u>										
Purgeable Hydrocarbons	12/1/99	250		260	ug/l	70.0-130	104	25.0	11.4	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		8.10	"	70.0-130	81.0			
<b>Batch: 9110854</b> <u>Date Prepared: 11/30/99</u> <u>Extraction Method: EPA 5030B [P/T]</u>										
<b>Blank</b> <u>9110854-BLK1</u>										
Purgeable Hydrocarbons	11/30/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		11.1	"	70.0-130	111			
<b>LCS</b> <u>9110854-BS1</u>										
Benzene	11/30/99	10.0		9.47	ug/l	70.0-130	94.7			
Toluene	"	10.0		9.41	"	70.0-130	94.1			
Ethylbenzene	"	10.0		9.72	"	70.0-130	97.2			
Xylenes (total)	"	30.0		28.6	"	70.0-130	95.3			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		9.96	"	70.0-130	99.6			
<b>LCS Dup</b> <u>9110854-BSD1</u>										
Benzene	11/30/99	10.0		9.80	ug/l	70.0-130	98.0	25.0	3.43	
Toluene	"	10.0		9.71	"	70.0-130	97.1	25.0	3.14	
Ethylbenzene	"	10.0		9.85	"	70.0-130	98.5	25.0	1.33	
Xylenes (total)	"	30.0		30.8	"	70.0-130	103	25.0	7.77	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		9.22	"	70.0-130	92.2			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Batch: 9120063</b>		<b>Date Prepared: 12/1/99</b>			<b>Extraction Method: EPA 3520B</b>					
<b>Blank</b>		<b>9120063-BLK1</b>								
Diesel Range Hydrocarbons	12/6/99			ND	mg/l	0.0500				
Surrogate: <i>n</i> -Pentacosane	"	0.100		0.0810	"	50.0-150	81.0			
<b>LCS</b>		<b>9120063-BS1</b>								
Diesel Range Hydrocarbons	12/6/99	1.00		0.640	mg/l	60.0-140	64.0			
Surrogate: <i>n</i> -Pentacosane	"	0.100		0.0760	"	50.0-150	76.0			
<b>LCS Dup</b>		<b>9120063-BSD1</b>								
Diesel Range Hydrocarbons	12/6/99	1.00		0.770	mg/l	60.0-140	77.0	50.0	18.4	
Surrogate: <i>n</i> -Pentacosane	"	0.100		0.0860	"	50.0-150	86.0			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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**MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Batch: 9110854</b>	<b>Date Prepared: 11/30/99</b>					<b>Extraction Method: EPA 5030B [P/T]</b>				
<b>Blank</b>	<b>9110854-BLK1</b>									
Methyl tert-butyl ether	11/30/99			ND	ug/l	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.1	"	70.0-130	111			
<b>LCS</b>	<b>9110854-BS1</b>									
Surrogate: a,a,a-Trifluorotoluene	11/30/99	10.0		9.96	ug/l	70.0-130	99.6			
<b>LCS Dup</b>	<b>9110854-BSD1</b>									
Surrogate: a,a,a-Trifluorotoluene	11/30/99	10.0		9.22	ug/l	70.0-130	92.2			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 991117-A1 Project Manager: Scott Boor	Sampled: 11/17/99 Received: 11/18/99 Reported: 12/8/99
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### Notes and Definitions

#	Note
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- D Data reported from a dilution.
- 1 Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
- 2 Sample was analyzed at a second dilution per clients request.
- 3 Chromatogram Pattern: Gasoline C6-C12
- 4 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
- 5 Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
- 6 The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- Recov. Recovery
- RPD Relative Percent Difference



# Chromatogram

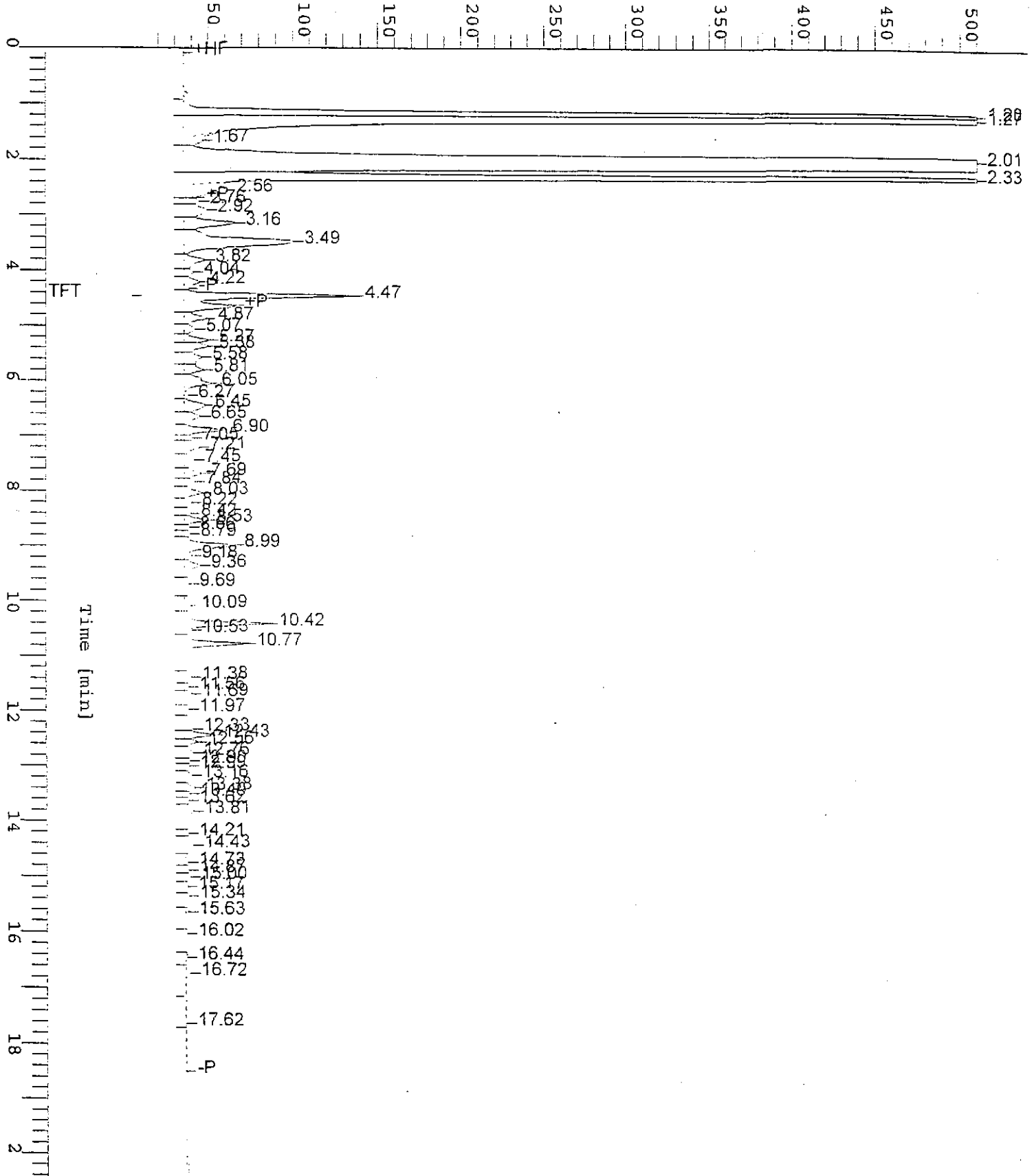
Sample Name : M911681-02  
FileName : S:\GHP\_02\1128\N24A014.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor : -1.0

End Time : 20.50 min  
Plot Offset : 10 mV

Sample #: B5  
Date : 11/24/99 15:08  
Time of Injection: 11/24/99 14:47  
Low Point : 10.15 mV  
High Point : 510.15 mV  
Plot Scale: 500.0 mV

Page 1 of 1

Response [mV]



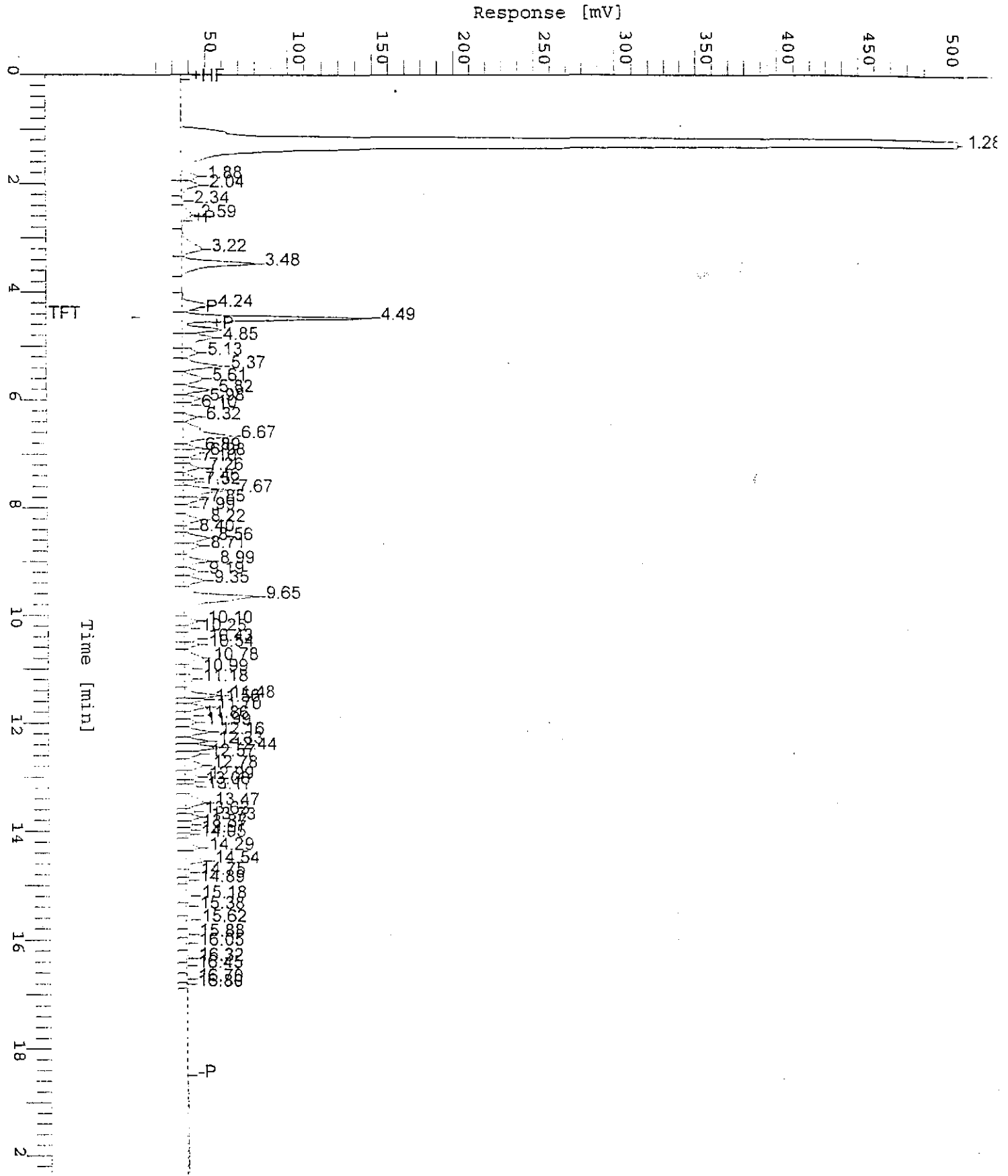


# Chromatogram

Sample Name : M911681-04  
FileName : S:\GHP\_02\1128\N24A023.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor: -1.0

Sample #: B10  
Date : 11/29/99 09:26  
Time of Injection: 11/24/99 18:49  
Low Point : 10.17 mV  
High Point : 510.17 mV  
Plot Scale: 500.0 mV

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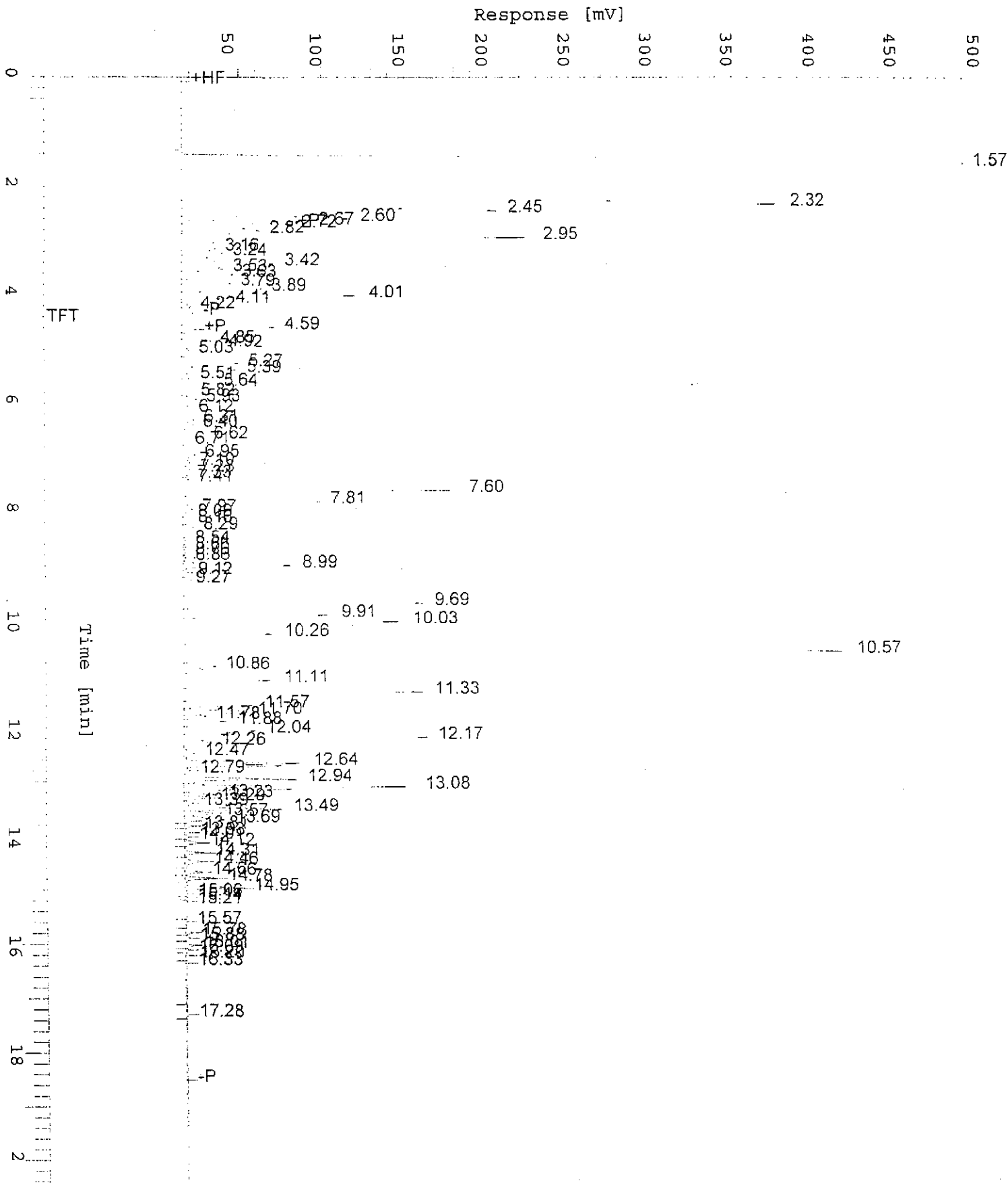
# Chromatogram

Sample Name : M911681-07RE  
 FileName : S:\GHP\_30\1205\001A018.raw  
 Method : TPH  
 Start Time : 0.00 min  
 Scale Factor : -1.0

End Time : 20.50 min  
 Plot Offset : 0 mV

Sample #: R-13  
 Date : 12/14/99 09:50  
 Time of Injection: 12/1/99 14:44  
 Low Point : 0.19 mV  
 Plot Scale: 500.0 mV

Page 1 of 1



# Chromatogram

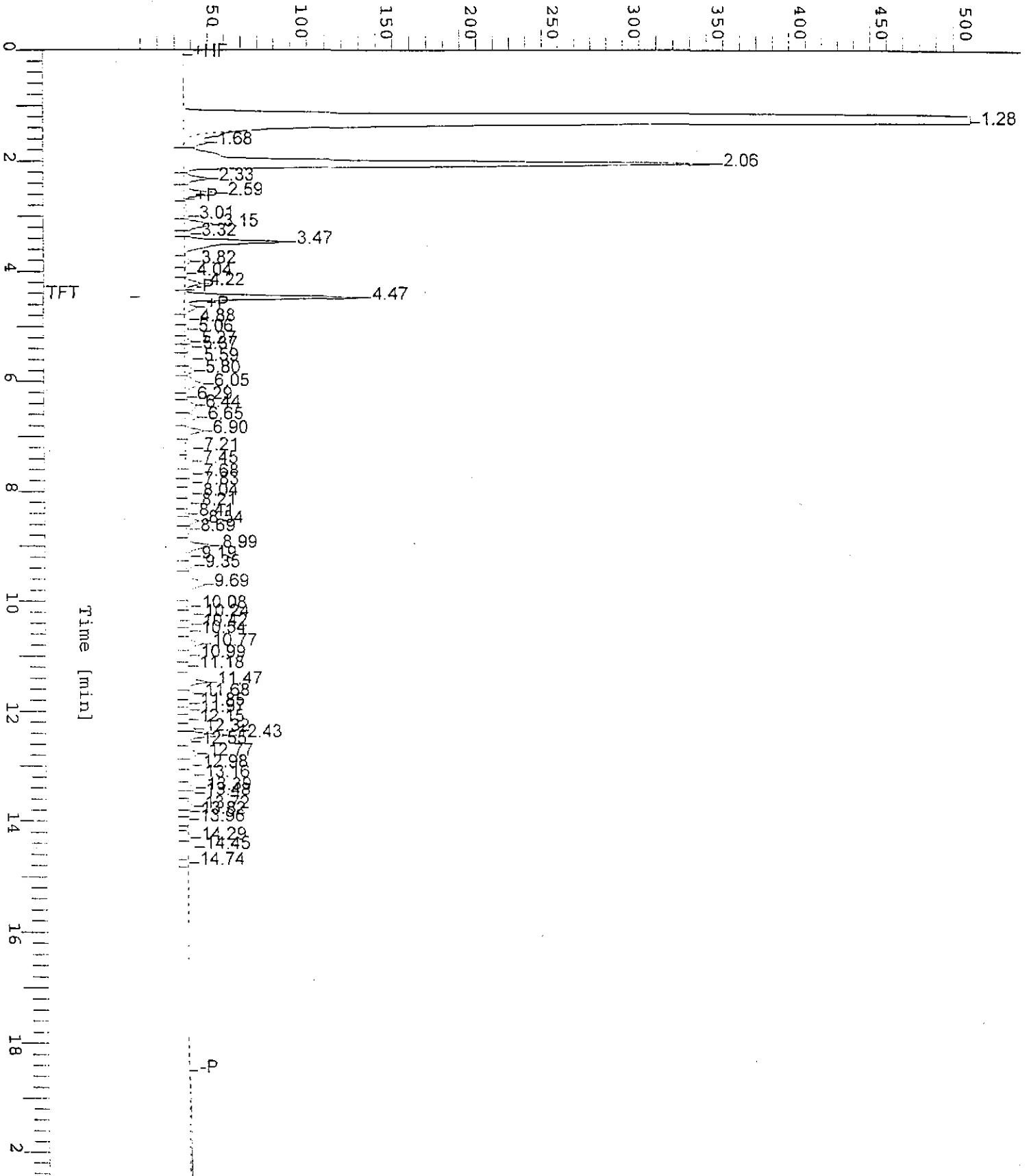
Sample Name : M911681-01  
FileName : S:\GHP\_02\1128\N24A013.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor : -1.0

End Time : 20.50 min  
Plot Offset : 10 mV

Sample #: B1  
Date : 11/24/99 14:43  
Time of Injection: 11/24/99 14:22  
Low Point : 9.54 mV  
Plot Scale : 500.0 mV

Page 1 of 1

Response [mV]



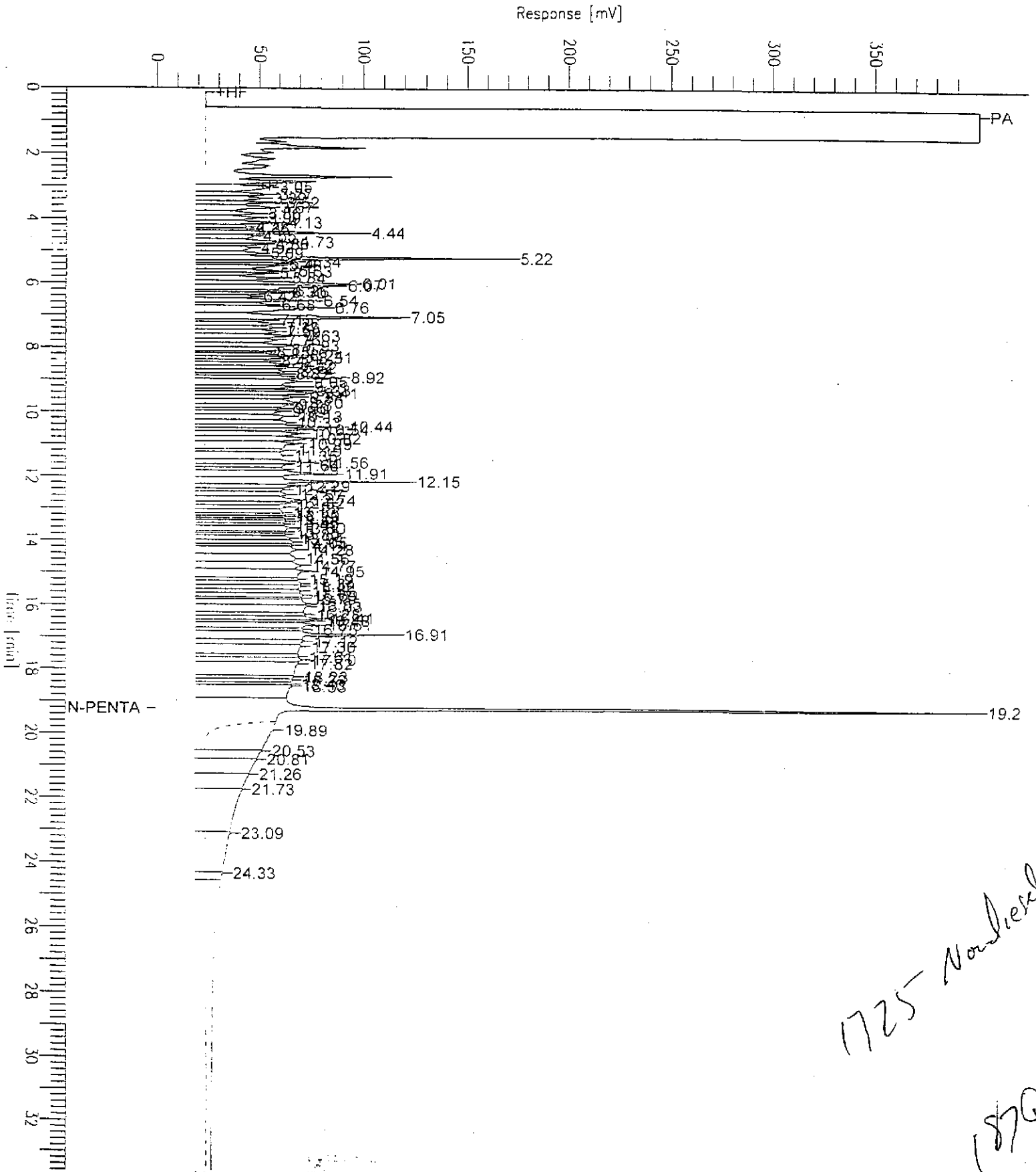
# Chromatogram

Sample Name : M911681-01 (500:1)  
FileName : S:\GHP\_05\1212\D06A017.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor: 0.0

End Time : 33.65 min  
Plot Offset: 0 mV

Sample #: B-1  
Date : 12/6/99 11:43 PM  
Time of Injection: 12/6/99 11:10 PM  
Low Point : 0.00 mV  
Plot Scale: 400.0 mV  
High Point : 400.00 mV

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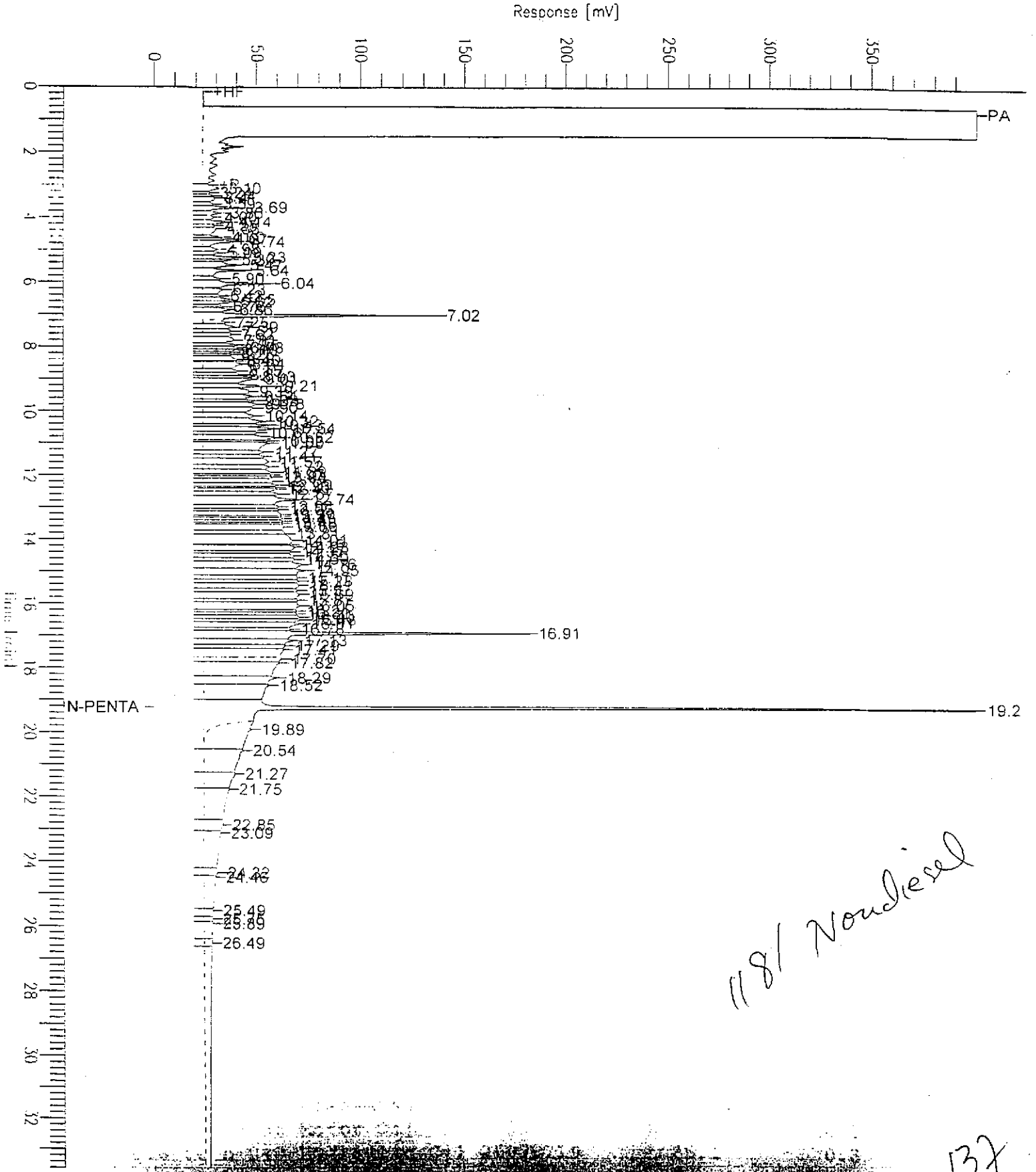
# Chromatogram

Sample Name : M911681-02 (500:1)  
FileName : S:\GHP\_05\1212\06A018.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor : 0.0

End Time : 33.65 min  
Plot Offset : 0 mV

Sample #: B-5  
Date : 12/7/99 12:24 AM  
Time of Injection: 12/6/99 11:50 PM  
Low Point : 0.00 mV  
High Point : 400.00 mV  
Plot Scale: 400.0 mV

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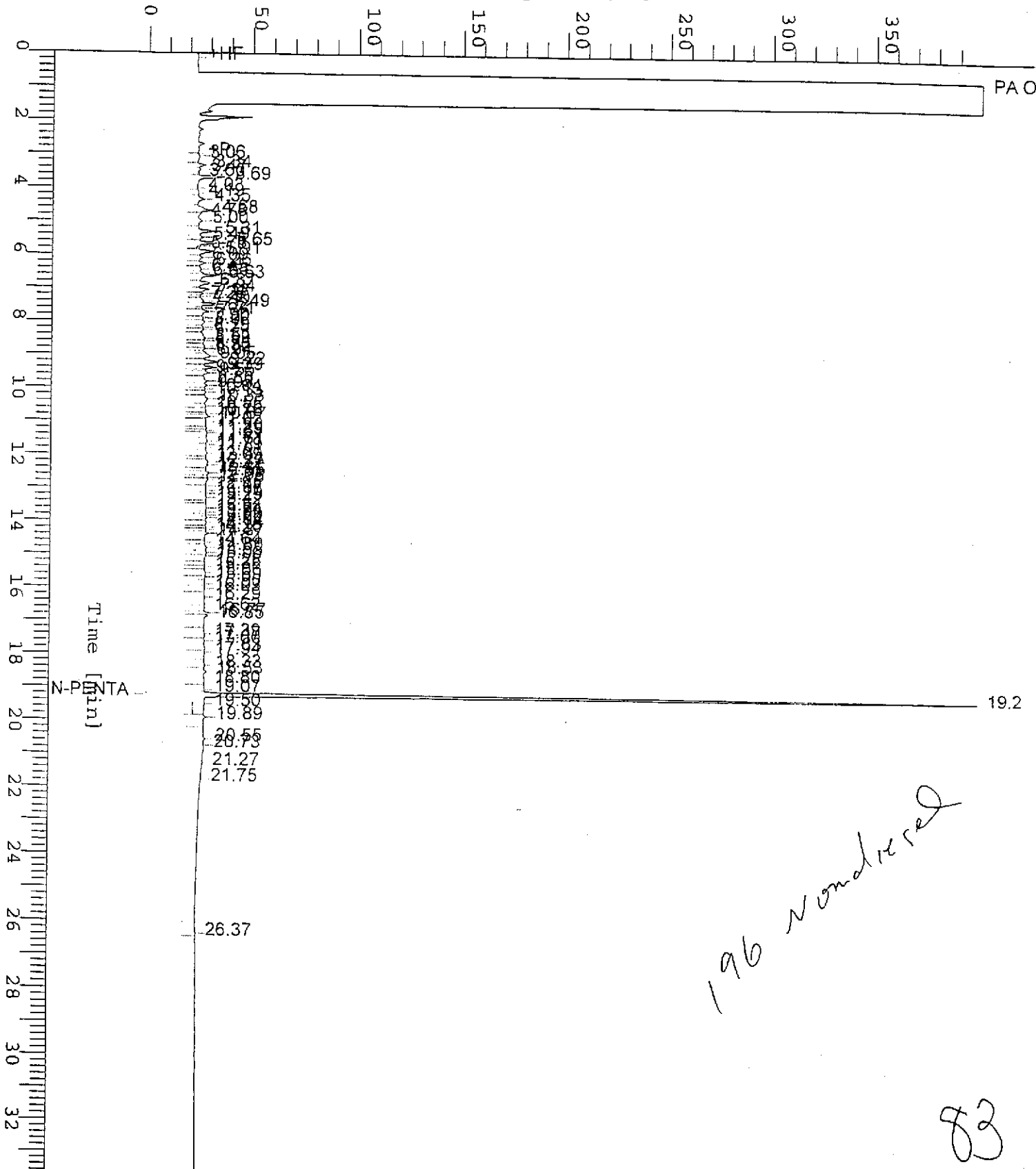
# Chromatogram

Sample Name : M911681-03 (500:1)  
FileName : S:\GHP\_05\1212\D06A019.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor: 0.0

End Time : 33.65 min  
Plot Offset: 0 mV

Sample #: B-6  
Date : 12/7/99 12:08  
Time of Injection: 12/7/99 00:31  
Low Point : 0.00 mV  
Plot Scale: 400.0 mV  
High Point : 400.00 mV

Response [mV]



196 nonindexed

83

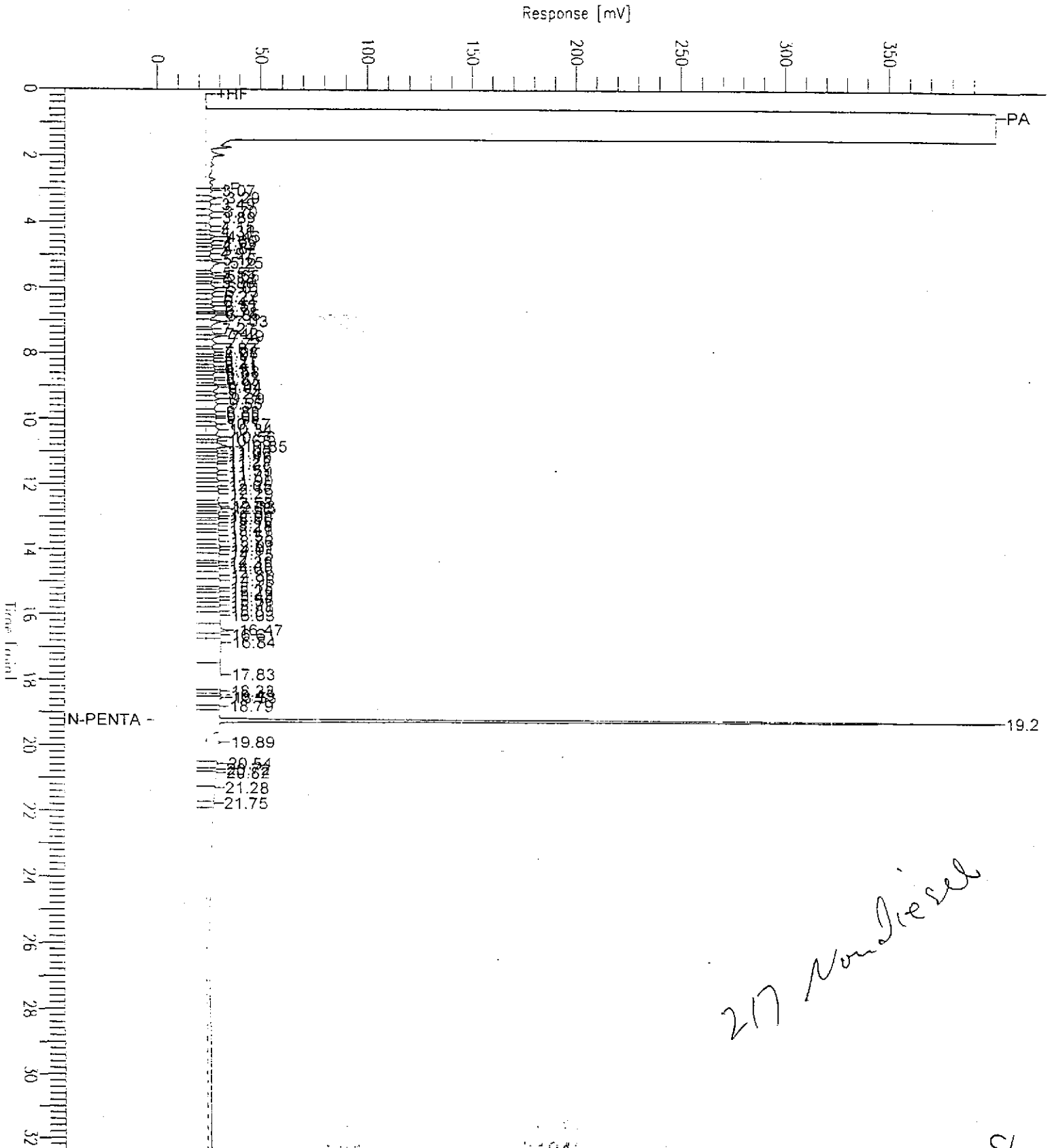
# Chromatogram

Sample Name : M911681-04 (500:1)  
FileName : S:\GHP\_05\1212\06A020.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor : 0.0

End Time : 33.65 min  
Plot Offset : 0 mV

Sample #: B-10  
Date : 12/7/99 06:27 AM  
Time of Injection: 12/7/99 01:12 AM  
Low Point : 0.00 mV  
Plot Scale: 400.0 mV  
High Point : 400.00 mV

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217 Non Diesel

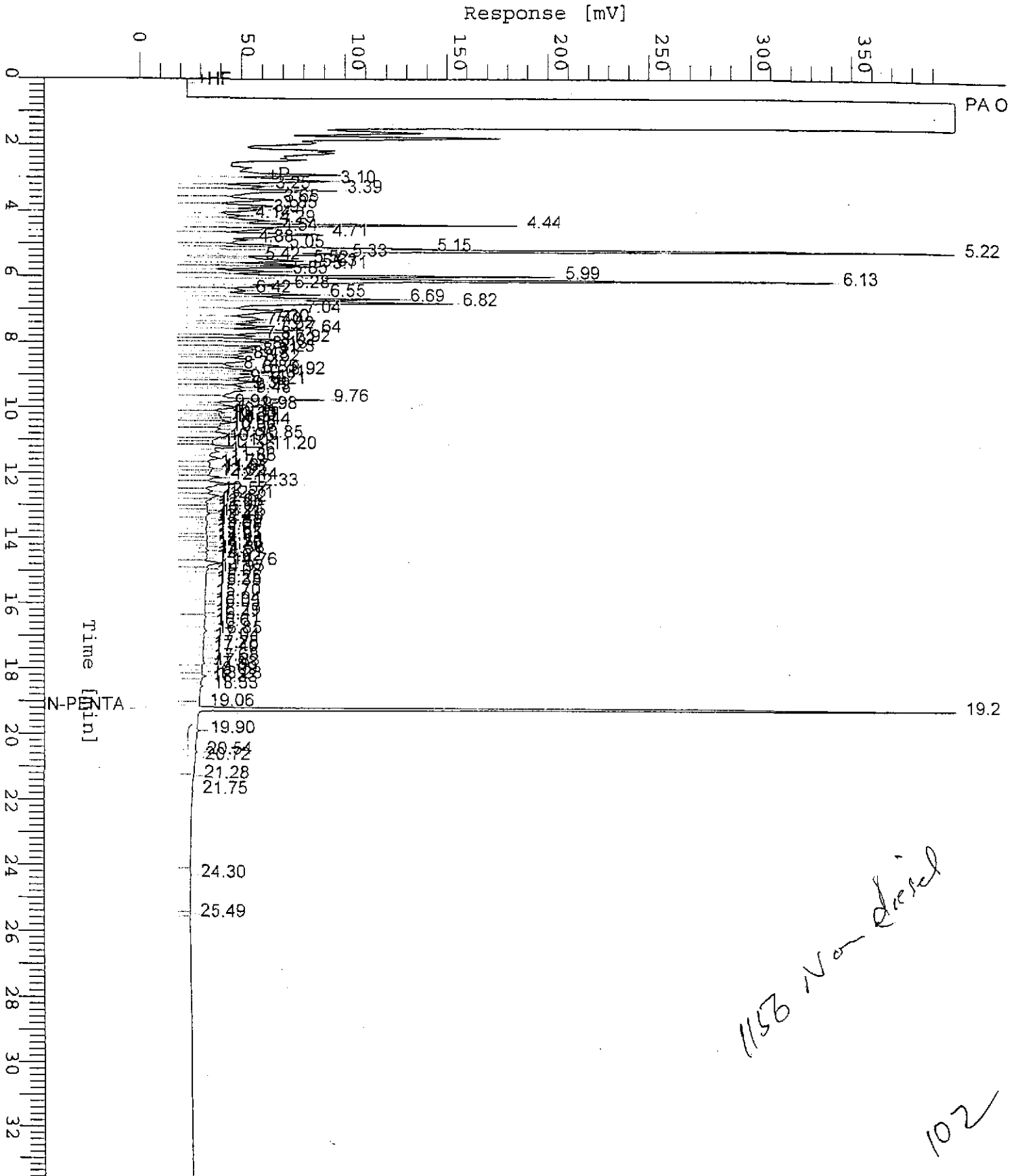
108

# Chromatogram

Sample Name : M911681-05 (500:1)  
fileName : S:\GHP\_05\1212\DO6A021.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor : 0.0

End Time : 33.65 min  
Plot Offset : 0 mV

Sample #: B-13  
Date : 12/7/99 12:15  
Time of Injection: 12/7/99 01:53  
Low Point : 0.00 mV  
Plot Scale: 400.0 mV  
Page 1 of 1  
High Point : 400.00 mV





# Chromatogram

Sample Name : M911681-06 (500:1)

FileName : S:\GHP\_05\1212\D07A006.raw

Method : TPH05A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 33.65 min

Plot Offset: 0 mV

Sample #: B12

Date : 12/7/99 02:49 PM

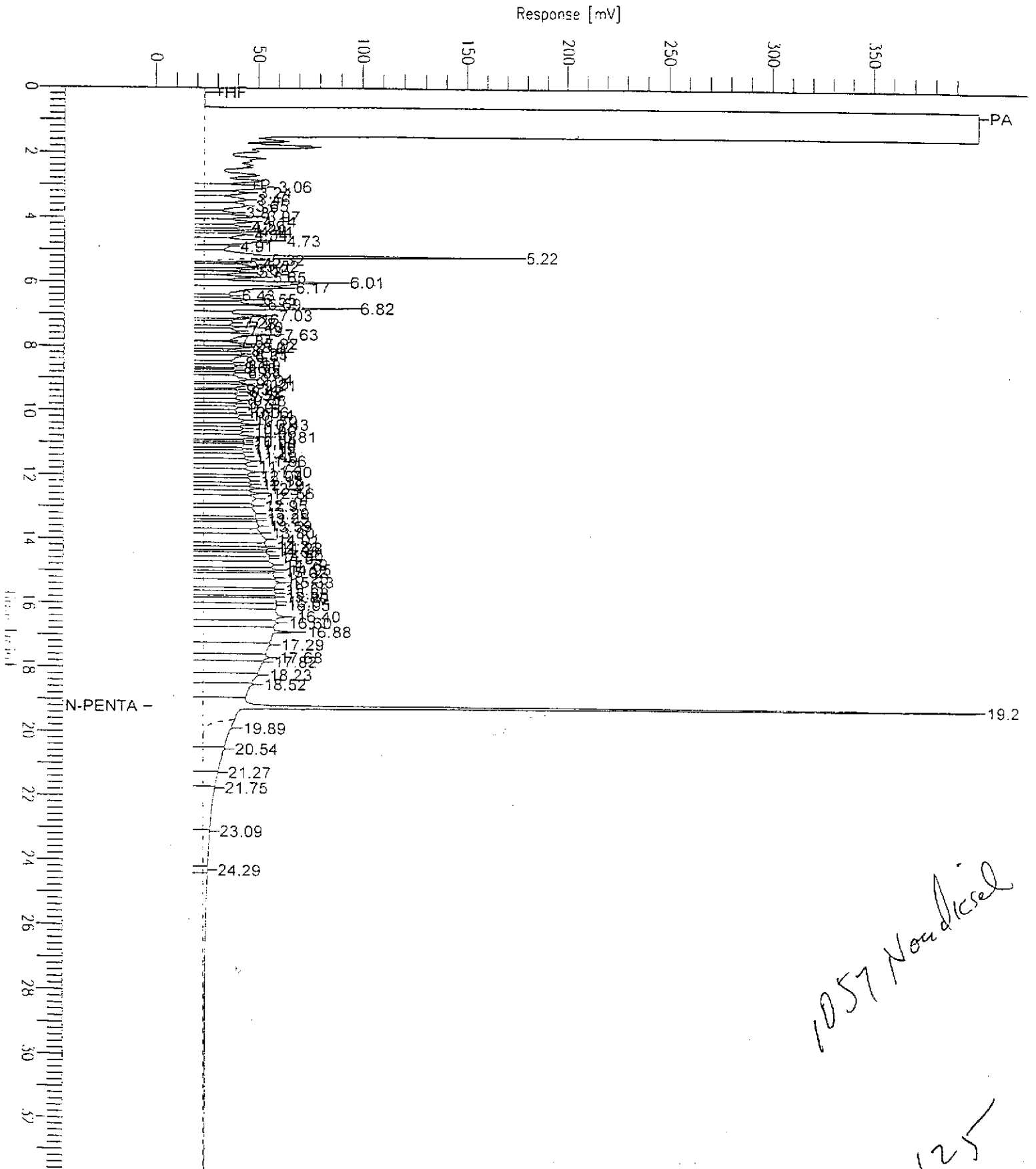
Time of Injection: 12/7/99 02:16 PM

Low Point : 0.00 mV

Plot Scale: 400.0 mV

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High Point : 400.00 mV

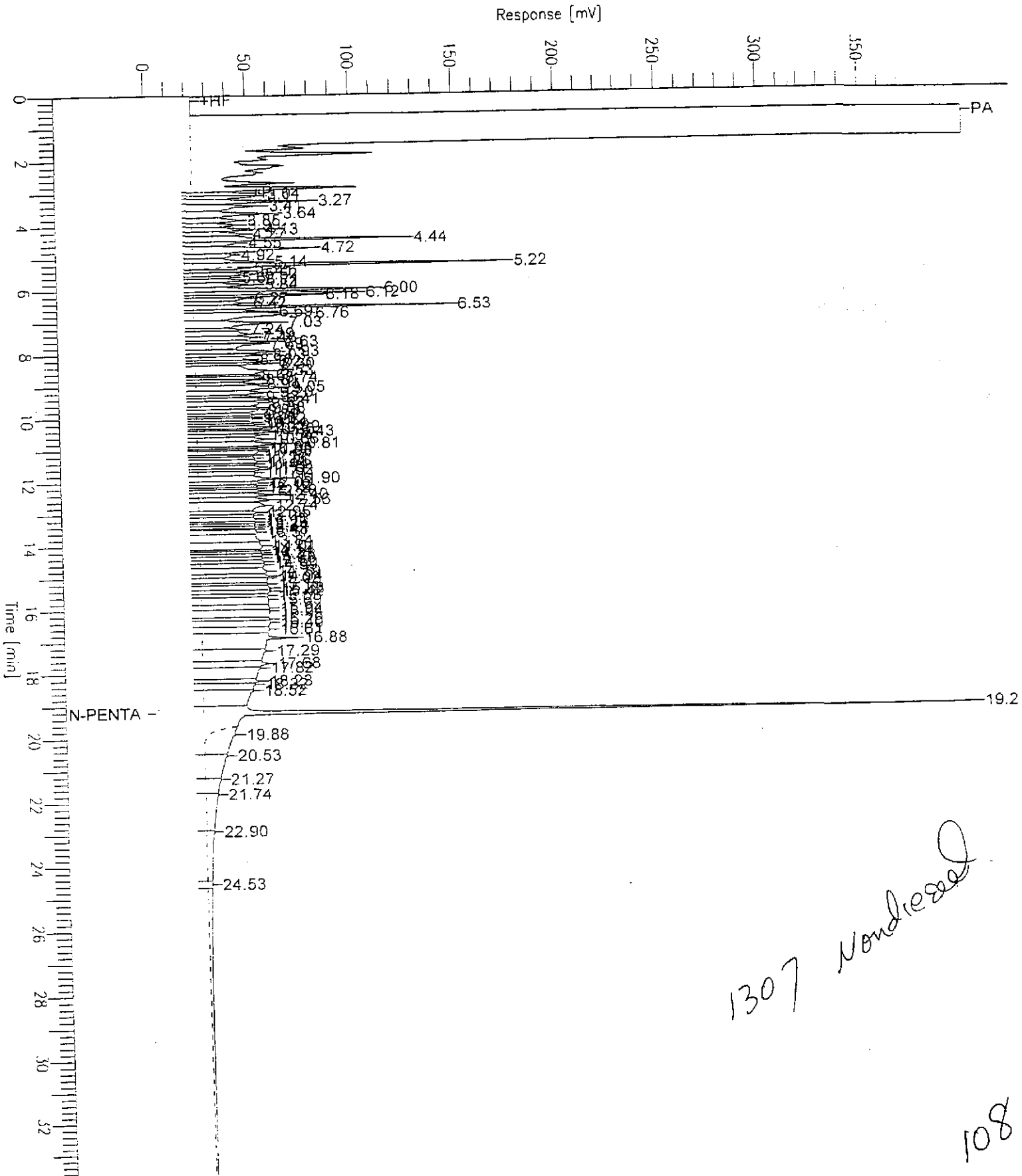


# Chromatogram

Sample Name : M911681-07 (500:1)  
FileName : S:\GHP\_05\1212\007A007.raw  
Method : TPH05A  
Start Time : 0.00 min  
Scale Factor : 0.0

End Time : 33.65 min  
Plot Offset: 0 mV

Sample #: B13  
Date : 12/7/99 03:30 PM  
Time of Injection: 12/7/99 02:57 PM  
Low Point : 0.00 mV  
Plot Scale: 400.0 mV  
High Point : 400.00 mV





# **Field Data Sheets**



# CHEVRON WELL MONITORING DATA SHEET

Project #: 991117-A1	Station #: 9-0290
Sampler: OA	Date: 11-17-99
Well I.D.: A-1	Well Diameter: 2 3 4 6 8
Total Well Depth: 11.05	Depth to Water: 5.89
Depth to Free Product: 5.85	Thickness of Free Product (feet): .04
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____
--	---

.8	x	3	=	3.4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1318	69.5	6.9	1026	1	
1321	70.1	6.9	1026	2	
1325	69.8	6.7	1029	3	
	Bailed Free Product			300 ml	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 3
Sampling Time: 1333	Sampling Date: <del>11-17</del> 11-17-99
Sample I.D.: A1	Laboratory: Sequoia GTEL N. Creek Assoc. Labs
Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: mg/L Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV Post-purge: mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 991117-A1	Station #: 9-6290
Sampler: BA	Date: 11-17-99
Well I.D.: B1	Well Diameter: (2) 3 4 6 8
Total Well Depth: 15.72	Depth to Water: 6.14
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer  
 Middleburg  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

Sampling Method: Bailer  
 Disposable Bailer  
 Extraction Port  
 Other: \_\_\_\_\_

1.5	x	3	=	4.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1001	65.8	6.6	1887	1.5	
1006	65.2	6.9	1782	3	
1009	66.2	6.9	1807	4.5	

Did well dewater? Yes  No  Gallons actually evacuated: 5

Sampling Time: 1015 Sampling Date: 11-17-99

Sample I.D.: B-1 Laboratory: Sequoia GTEL N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

Duplicate I.D.: \_\_\_\_\_ Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	mV	Post-purge:	mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 991117-A1	Station #: 9-0290
Sampler: OA	Date: 11-17-99
Well I.D.: B5	Well Diameter: (2) 3 4 6 8
Total Well Depth: 17.91	Depth to Water: 4.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method:  Bailer      Sampling Method:  Bailer  
 Disposable Bailer       Disposable Bailer  
 Middleburg       Extraction Port  
 Electric Submersible      Other: \_\_\_\_\_  
 Extraction Pump

2.0	x	3	=	6	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1139	68.2	6.9	882	2	
1142	69.5	6.8	827	4	
1144	68.9	6.9	812	6	

Did well dewater? Yes  No  Gallons actually evacuated: 6

Sampling Time: 1150      Sampling Date: 11-17-99

Sample I.D.: B-5      Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for:  TPH-G    BTEX    MTBE    TPH-D   Other: \_\_\_\_\_

Duplicate I.D.: \_\_\_\_\_ Analyzed for: TPH-G   BTEX   MTBE   TPH-D   Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:



## CHEVRON WELL MONITORING DATA SHEET

Project #: 99117-A1	Station #: 9-0290
Sampler: OA	Date: 11-17-99
Well I.D.: B6	Well Diameter: (2) 3 4 6 8
Total Well Depth: 18.31	Depth to Water: 5.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  
 Disposable Bailer   
 Middleburg  
 Electric Submersible  
 Extraction Pump

Sampling Method: Bailer  
 Disposable Bailer   
 Extraction Port  
 Other: \_\_\_\_\_

Other: \_\_\_\_\_

1.9	X	3	=	5.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1231	70.2	7.1	893	2	
1235	70.3	7.0	894	4	
1238	69.8	7.0	897	6	

Did well dewater? Yes  No  Gallons actually evacuated: 6

Sampling Time: 1243 Sampling Date: 11-17-99

Sample I.D.: B-6 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX  MTBE  TPH-D Other: \_\_\_\_\_

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

# CHEVRON WELL MONITORING DATA SHEET

Project #: 991117-A1	Station #: 9-0290
Sampler: OA	Date: 11-17-99
Well I.D.: B-10	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 15.83	Depth to Water: 5.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer      Sampling Method: Bailer  
 Disposable Bailer      Disposable Bailer     
 Middleburg      Extraction Port  
 Electric Submersible  
 Extraction Pump  
 Other: \_\_\_\_\_

1.5	x	3	=	4.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1029	66.9	7.0	1162	1.5	
1031	68.6	6.8	1083	3	
1033	68.4	6.8	1068	4.5	

Did well dewater? Yes  No  Gallons actually evacuated: 5

Sampling Time: 1039      Sampling Date: 11-17-99

Sample I.D.: B-10      Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

Duplicate I.D.:      Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: 991117-A1	Station #: 9-0290
Sampler: OA	Date: 11-17-99
Well I.D.: B-11	Well Diameter: $\varnothing$ 3 4 6 8
Total Well Depth: <del>B-11</del> 1403	Depth to Water: 5.57
Depth to Free Product: 1	Thickness of Free Product (feet):
Referenced to: <u>EVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  Disposable Bailer  Middleburg  Electric Submersible  Extraction Pump  Other: \_\_\_\_\_

Sampling Method: Bailer  Disposable Bailer  Extraction Port  Other: \_\_\_\_\_

1.3	x	3	=	3.9	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1116	65.1	6.9	815	1.5	
1119	66.4	7.2	784	2.5	
1123	66.3	7.1	770	3.9	

Did well dewater? Yes  No  Gallons actually evacuated: 4

Sampling Time: 1128 Sampling Date: 11-17-99

Sample I.D.: B-11 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: IPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

Duplicate I.D.: \_\_\_\_\_ Analyzed for: IPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	mV	Post-purge:	mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: 991117-A1	Station #: 9-0290
Sampler: OA	Date: 11-17-99
Well I.D.: B-12	Well Diameter: (2) 3 4 6 8
Total Well Depth: B-12 14.97	Depth to Water: 5.43
Depth to Free Product: 1	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer  Disposable Bailer  Middleburg  Electric Submersible Extraction Pump  Other: \_\_\_\_\_

Sampling Method: Bailer  Disposable Bailer  Extraction Port  Other: \_\_\_\_\_

1.5	X	3	=	4.5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1203	67.7	7.3	1023	1.5	
1206	68.1	7.2	1078	3	
1209	71.1	7.2	1104	4.5	

Did well dewater? Yes  No  Gallons actually evacuated: 5

Sampling Time: 1215 Sampling Date: 11-17-99

Sample I.D.: B-12 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

Duplicate I.D.: \_\_\_\_\_ Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: 991117-41	Station #: 9-0290
Sampler: OA	Date: 11-17-99
Well I.D.: B13	Well Diameter: ② 3 4 6 8
Total Well Depth: 13.75	Depth to Water: 5.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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1.3	x	3	=	3.9	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1050	67.0	7.0	733	1.5	
1053	68.9	6.9	818	2.5	
1055	67.0	6.9	834	3.9	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 4
Sampling Time: 1102	Sampling Date: 11-17-99
Sample I.D.: B-13	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> BTEX MTBE TPH-D Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: <span style="float: right;">mg/L</span>
O.R.P. (if req'd):	Pre-purge: <span style="float: right;">mV</span>
	Post-purge: <span style="float: right;">mg/L</span>
	Post-purge: <span style="float: right;">mV</span>