

BLAINE
TECH SERVICES INC.



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

ENVIRONMENTAL
PROTECTION

97 FEB -4 PM 3: 34

January 15, 1997

Phil Briggs
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

4th Quarter 1996 Monitoring at 9-0290

Fourth Quarter 1996 Groundwater Monitoring at
Chevron Service Station Number 9-0290
1802 Webster Street
Alameda, CA

Monitoring Performed on December 12, 1996

Groundwater Sampling Report 961212-F-1

This report covers the routine quarterly 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

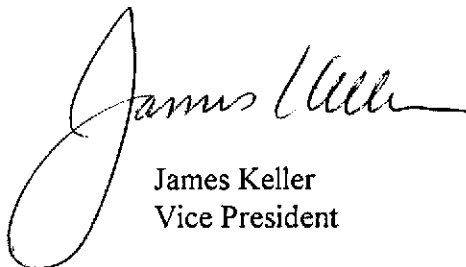
also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

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,

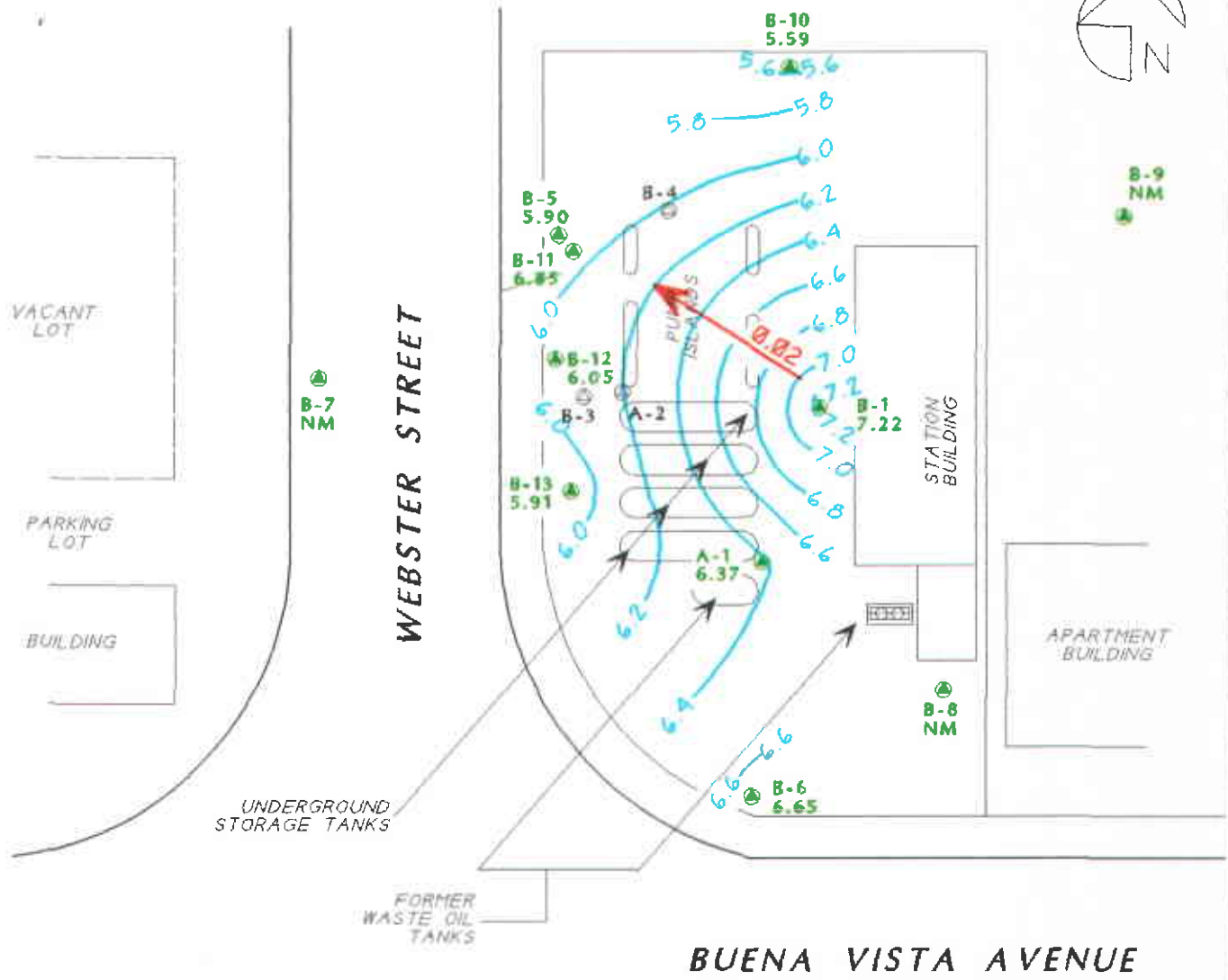
A handwritten signature in black ink, appearing to read "James Keller". The signature is fluid and cursive, with a large initial "J" and "K".

James Keller
Vice President

JPK/cg

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

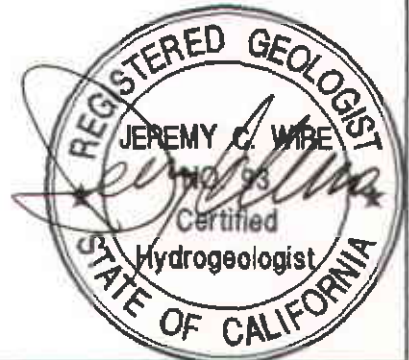
Professional Engineering Appendix



EXPLANATION

- B-6 MONITORING WELL LOCATION AND WELL NUMBER
- B-4 ABANDONED MONITORING WELL LOCATION AND WELL NUMBER
- 6.65 GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- NM NOT MEASURED
- ~~6.85~~ GROUND-WATER ELEVATION NOT USED FOR CONTOURING
- 6.4 GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
- 0.02 APPROXIMATE DIRECTION OF GROUND-WATER FLOW. GRADIENT INDICATED IN FEET / FEET

B.P. STATION



TITLE : GROUND-WATER ELEVATION CONTOUR MAP -
DECEMBER 12, 1996

LOCATION : CHEVRON SERVICE STATION No.: 9-0290
1802 WEBSTER STREET, ALAMEDA, CALIFORNIA

SOURCE : CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC



GEOCONSULTANTS, INC
SAN JOSE, CALIFORNIA
Project No. G758-09

DRAWING NO. CHEVRON-93-00230-142296

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
A-1															
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	--	--	--	2.00	2.00	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	0.13	2.13	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	0.13	2.26	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	0.50	2.76	--	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	2.76	--	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	2.76	--	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	2.76	--	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	2.00	4.76	--	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
08/10/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
08/16/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--

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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
A-1 (CONT'D)															
09/16/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
09/24/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
10/01/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
10/07/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
10/13/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
10/19/93	11.56	--	--	0.10	--	4.76	--	--	--	--	--	--	--	--	--
10/20/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
10/28/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
11/12/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
11/19/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
11/30/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
12/10/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
12/16/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
12/23/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
12/29/93	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
01/03/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
01/17/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
01/26/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
02/07/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
02/11/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
02/18/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
02/25/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
03/04/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
03/11/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
03/16/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
03/25/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
04/01/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
08/18/94	11.56	--	--	--	--	4.76	--	--	--	--	--	--	--	--	--
11/30/94	11.56	--	--	--	2.00	6.76	--	--	--	--	--	--	--	--	--
02/15/95	11.56	--	4.79	--	--	6.76	--	--	--	--	--	--	--	--	--
05/01/95	11.56	--	--	--	--	6.76	--	--	--	--	--	--	--	--	--
08/04/95	11.56	--	--	--	--	6.76	--	--	--	--	--	--	--	--	--
11/29/95	11.56	5.24	6.38	0.08	0.03	6.79	--	--	--	--	--	--	--	--	--
02/08/96	11.56	7.03	4.57	0.05	--	6.79	--	--	--	--	--	--	--	--	--
05/08/96	11.56	6.29	5.49	0.28	--	6.79	--	--	--	--	--	--	--	--	--
08/23/96	11.56	5.31	6.43	0.22	--	6.79	--	--	--	--	--	--	--	--	--
12/12/96	11.56	6.37	5.53	0.42	0.05	6.84	--	--	--	--	--	--	--	--	--

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
A-2															
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	1.00	--	--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13	1.13	--	--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26	1.39	--	--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50	1.89	--	--	--	--	--	--	--	--	--
06/29/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--	1.89	--	--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
08/10/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--

Continued on next page

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
A-2 (CONT'D)															
09/16/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
10/01/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	1.89	--	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
03/11/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--	--	--	1.89	--	--	--	--	--	--	--	--	--
04/01/94	11.46	--	--	--	--	1.89	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	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-1															
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

* 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.

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-3															
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-4															
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	2.26	5.39	--	--	--	--	5700	2400	75	380	580	--	2300	--
07/19/93	11.46	2.26	6.13	--	--	--	--	19,000	2400	140	440	620	--	2400	--
10/19/93	11.46	2.26	6.51	--	--	--	--	13,000	1200	84	290	530	--	2100	--
01/17/94	11.46	2.26	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-5															
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

* 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 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-6															
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**	--

* 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-7																
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	--	

NO LONGER MONITORED OR SAMPLED

B-8																
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	--	

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-9																
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-10																
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	
B-11																
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	

* 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-12															
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	--	--	--	--	<25000	<250	<250	<250	<250	--	1200*	54,000
<i>run 8020, have lab determine use 8240</i>															
B-13															
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	9.4	6.3	--	1300*	230

* 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
TRIP BLANK															
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

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



Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-1 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9612919-01	Sampled: 12/12/96 Received: 12/13/96 Extracted: 12/19/96 Analyzed: 12/23/96 Reported: 12/26/96
---	---	--

QC Batch Number: GC1219960HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 Unid. HC	3400 & W-Diesel
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 204 Q

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9612919-01	Sampled: 12/12/96 Received: 12/13/96 Analyzed: 12/18/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC121796BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2500	2500
Methyl t-Butyl Ether	125	8600
Benzene	25	380
Toluene	25	N.D.
Ethyl Benzene	25	N.D.
Xylenes (Total)	25	25
Chromatogram Pattern: Unidentified HC		C6-C8
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	78

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-5 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9612919-02	Sampled: 12/12/96 Received: 12/13/96 Extracted: 12/19/96 Analyzed: 12/20/96 Reported: 12/26/96
--	---	--

QC Batch Number: GC1219960HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	430 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 112

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9612919-02	Sampled: 12/12/96 Received: 12/13/96 Analyzed: 12/17/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC121796BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	N.D.
Methyl t-Butyl Ether	50	6700
Benzene	10	N.D.
Toluene	10	N.D.
Ethyl Benzene	10	N.D.
Xylenes (Total)	10	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-6 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9612919-03	Sampled: 12/12/96 Received: 12/13/96 Extracted: 12/19/96 Analyzed: 12/20/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC1219960HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	300 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 121

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-10 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9612919-04	Sampled: 12/12/96 Received: 12/13/96 Extracted: 12/19/96 Analyzed: 12/20/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC1219960HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	990 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 130

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-10 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9612919-04	Sampled: 12/12/96 Received: 12/13/96 Analyzed: 12/18/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC121796BTEX02B
Instrument ID: GCHP2

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	250	1600
Methyl t-Butyl Ether	12	N.D.
Benzene	2.5	94
Toluene	2.5	N.D.
Ethyl Benzene	2.5	110
Xylenes (Total)	2.5	27
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-11 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9612919-05	Sampled: 12/12/96 Received: 12/13/96 Extracted: 12/19/96 Analyzed: 12/20/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC1219960HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	1300 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 115

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290/961212-F1 Sample Descript: B-11 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9612919-05	Sampled: 12/12/96 Received: 12/13/96 Analyzed: 12/18/96 Reported: 12/26/96
---	---	---

QC Batch Number: GC121796BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	3700
Methyl t-Butyl Ether	25	2200
Benzene	5.0	120
Toluene	5.0	12
Ethyl Benzene	5.0	N.D.
Xylenes (Total)	5.0	30
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	109

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-12 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9612919-06	Sampled: 12/12/96 Received: 12/13/96 Extracted: 12/19/96 Analyzed: 12/20/96 Reported: 12/26/96
---	--	--

QC Batch Number: GC1219960HBPEXB
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	1200 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 121

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-12 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9612919-06	Sampled: 12/12/96 Received: 12/13/96 Analyzed: 12/18/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC121796BTEX03B
Instrument ID: GCHP3

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	25000	N.D.
Methyl t-Butyl Ether	1250	54000
Benzene	250	N.D.
Toluene	250	N.D.
Ethyl Benzene	250	N.D.
Xylenes (Total)	250	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	81

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penher
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-13 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9612919-07	Sampled: 12/12/96 Received: 12/13/96 Extracted: 12/17/96 Analyzed: 12/18/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC1217960HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	1300 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 64

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: B-13 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9612919-07	Sampled: 12/12/96 Received: 12/13/96 Analyzed: 12/18/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC121796BTEX03B
Instrument ID: GCHP3

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	250	2600
Methyl t-Butyl Ether	12	230
Benzene	2.5	29
Toluene	2.5	5.4
Ethyl Benzene	2.5	9.4
Xylenes (Total)	2.5	6.3
Chromatogram Pattern: Unidentified HC		Gas C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	83

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/ 961212-F1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9612919-08	Sampled: 12/12/96 Received: 12/13/96 Analyzed: 12/17/96 Reported: 12/26/96
Attention: Jim Keller		

QC Batch Number: GC121796BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Proj. ID: Chevron 9-0290/ 961212-F1
Lab Proj. ID: 9612919

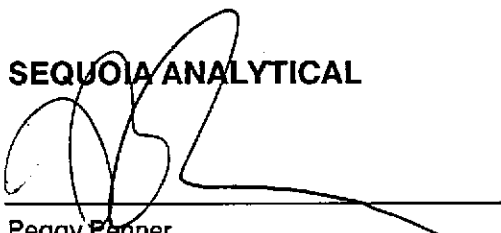
Received: 12/13/96
Reported: 12/26/96

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 20 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9612919-01 was diluted 50-fold.
Sample 9612919-02 was diluted 20-fold.
Sample 9612919-03 was diluted 5-fold.
Sample 9612919-05 was diluted 10-fold.
Sample 9612919-06 was diluted 500-fold.

SEQUOIA ANALYTICAL



Peggy Penner
Project Manager





Blaine Tech Services, Inc. Client Project ID: Chevron 9-0290/961212-F1
 985 Timothy Drive Matrix: Liquid
 San Jose, CA 95133
 Attention: Jim Keller Work Order #: 9612919 -01, 02, 04, 07 Reported: Dec 30, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC121796BTEX17A	GC121796BTEX17A	GC121796BTEX17A	GC121796BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9612715-01	9612715-01	9612715-01	9612715-01
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/16/96	12/16/96	12/16/96	12/16/96
Analyzed Date:	12/16/96	12/16/96	12/16/96	12/16/96
Instrument I.D.#:	GCHP-17	GCHP-17	GCHP-17	GCHP-17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	30
MS % Recovery:	100	100	100	100
Dup. Result:	10	10	10	30
MSD % Recov.:	100	100	100	100
RPD:	0	0	0	0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK121796	BLK121796	BLK121796	BLK121796
Prepared Date:	12/16/96	12/16/96	12/16/96	12/16/96
Analyzed Date:	12/16/96	12/16/96	12/16/96	12/16/96
Instrument I.D.#:	GCHP-17	GCHP-17	GCHP-17	GCHP-17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.6	9.5	9.6	28
LCS % Recov.:	96	95	96	93

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9612919.BLA <1>





Sequoia Analytical

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Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-0290/961212-F1
Matrix: Liquid

Work Order #: 9612919-03

Reported: Dec 30, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC121796BTEX02B	GC121796BTEX02B	GC121796BTEX02B	GC121796BTEX02B
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9612715-02	9612715-02	9612715-02	9612715-02
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/17/96	12/17/96	12/17/96	12/17/96
Analyzed Date:	12/17/96	12/17/96	12/17/96	12/17/96
Instrument I.D.#:	GCHP-02	GCHP-02	GCHP-02	GCHP-02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.3	8.4	8.5	28
MS % Recovery:	83	84	85	93
Dup. Result:	8.9	8.9	9.2	29
MSD % Recov.:	89	89	92	97
RPD:	7.0	5.8	7.9	3.5
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK121796	BLK121796	BLK121796	BLK121796
Prepared Date:	12/17/96	12/17/96	12/17/96	12/17/96
Analyzed Date:	12/17/96	12/17/96	12/17/96	12/17/96
Instrument I.D.#:	GCHP-02	GCHP-02	GCHP-02	GCHP-02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	7.8	7.8	7.9	26
LCS % Recov.:	78	78	79	87

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

SEQUOIA ANALYTICAL

Reggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9612919.BLA <2>





Blaine Tech Services, Inc. 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Project ID: Chevron 9-0290/961212-F1 Matrix: Liquid Work Order #: 9612919-05, 06	Reported: Dec 30, 1996
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QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC121796BTEX03B	GC121796BTEX03B	GC121796BTEX03B	GC121796BTEX03B
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9612715-02	9612715-02	9612715-02	9612715-02
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/17/96	12/17/96	12/17/96	12/17/96
Analyzed Date:	12/17/96	12/17/96	12/17/96	12/17/96
Instrument I.D.#:	GCHP-03	GCHP-03	GCHP-03	GCHP-03
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.2	8.8	8.8	28
MS % Recovery:	92	88	88	93
Dup. Result:	9.2	8.9	8.8	28
MSD % Recov.:	92	89	88	93
RPD:	0	1.1	0	0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK121796	BLK121796	BLK121796	BLK121796
Prepared Date:	12/17/96	12/17/96	12/17/96	12/17/96
Analyzed Date:	12/17/96	12/17/96	12/17/96	12/17/96
Instrument I.D.#:	GCHP-03	GCHP-03	GCHP-03	GCHP-03
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.1	8.7	8.6	28
LCS % Recov.:	91	87	86	93

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS= Matrix Spike, MSD= MS Duplicate, RPD= Relative % Difference

9612919.BLA <3>





Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-0290/961212-F1
Matrix: Liquid

Work Order #: 9612919-08

Reported: Dec 30, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC121696BTEX17B	GC121696BTEX17B	GC121696BTEX17B	GC121696BTEX17B
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9612715-01	9612715-01	9612715-01	9612715-01
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/16/96	12/16/96	12/16/96	12/16/96
Analyzed Date:	12/16/96	12/16/96	12/16/96	12/16/96
Instrument I.D.#:	GCHP-17	GCHP-17	GCHP-17	GCHP-17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	9.8	29
MS % Recovery:	100	100	98	97
Dup. Result:	9.8	9.7	9.7	29
MSD % Recov.:	98	97	97	97
RPD:	2.0	3.0	1.0	0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK121696	BLK121696	BLK121696	BLK121696
Prepared Date:	12/16/96	12/16/96	12/16/96	12/16/96
Analyzed Date:	12/16/96	12/16/96	12/16/96	12/16/96
Instrument I.D.#:	GCHP-17	GCHP-17	GCHP-17	GCHP-17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	11	10	10	31
LCS % Recov.:	110	100	100	103

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130
Control Limits				

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS= Matrix Spike, MSD= MS Duplicate, RPD= Relative % Difference

9612919.BLA <4>





Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-0290/961212-F1
Matrix: Liquid

Work Order #: 9612919-01 to -07

Reported: Dec 30, 1996

QUALITY CONTROL DATA REPORT

Analyte: Diesel
QC Batch#: GC1219960HBPEXB
Analy. Method: EPA 8015M
Prep. Method: EPA 3510

Analyst: J. Minkel
MS/MSD #: 9612908-01
Sample Conc.: N.D.
Prepared Date: 12/19/96
Analyzed Date: 12/19/96
Instrument I.D.#: GCHP5B
Conc. Spiked: 1000 µg/L

Result: 1200
MS % Recovery: 120

Dup. Result: 1400
MSD % Recov.: 140

RPD: 15
RPD Limit: 0

LCS #: BLK121996
Prepared Date: 12/19/96
Analyzed Date: 12/19/96
Instrument I.D.#: GCHP5B
Conc. Spiked: 1000 µg/L
LCS Result: 1200
LCS % Recov.: 120

MS/MSD 50-150
LCS 60-140
Control Limits

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS= Matrix Spike, MSD= MS Duplicate, RPD= Relative % Difference

9612919.BLA <5>



**Field
Data
Sheets**

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>961212-F1</u>	Station #: <u>9-0290</u>
Sampler: <u>TC</u>	Date: <u>12/12/96</u>
Well I.D.: <u>A-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u> </u>	Depth to Water: 5.4 <u>5.53</u>
Depth to Free Product: <u>5.11</u>	Thickness of Free Product (feet): <u>0.42</u>
Referenced to: <u>EVO</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 ² * 0.163

Purge Method: ~~Bailer~~
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other:

Sampling Method: ~~Bailer~~
 Disposable Bailer
 Extraction Port
 Other:

<u> </u>	X	<u> </u>	=	<u> </u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
					FREE PRODUCT
					NO SAMPLE
					BAILED F.P. (APPROX. 200 ml)

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: 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 #: 961212-F1	Station #: 9-0290
Sampler: TG	Date: 12/12/96
Well I.D.: B-1	Well Diameter: (2) 3 4 6 8
Total Well Depth: 16.63	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 ² * 0.163

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1224	69.4	6.7	1100	2.0	ODOR
1226	69.2	6.8	1100	4.0	
1229	68.0	6.8	1000	5.75	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 5.75
Sampling Time: 1235	Sampling Date: 12/12/96
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: <input type="text"/> mg/L Post-purge: <input type="text"/> mg/L
O.R.P. (if req'd):	Pre-purge: <input type="text"/> mV Post-purge: <input type="text"/> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>961212-F1</u>	Station #: <u>9-0290</u>
Sampler: <u>TG</u>	Date: <u>12/12/96</u>
Well I.D.: <u>B-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>18.03</u>	Depth to Water: <u>4.28</u>
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 ² * 0.163

Purge Method:	Sampling Method:
<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	<input checked="" type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____

<u>2.2</u>	x	<u>3</u>	=	<u>6.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1027</u>	<u>74.4</u>	<u>6.8</u>	<u>840</u>	<u>2.25</u>	
<u>1029</u>	<u>75.4</u>	<u>6.7</u>	<u>940</u>	<u>4.50</u>	
<u>1031</u>	<u>75.2</u>	<u>6.8</u>	<u>1000</u>	<u>6.75</u>	

Did well dewater? Yes <u>(No)</u>	Gallons actually evacuated: <u>6.75</u>	
Sampling Time: <u>1040</u>	Sampling Date: <u>12/12/96</u>	
Sample I.D.: <u>B-5</u>	Laboratory: <u>(Sequoia)</u> GTEL N. Creek Assoc. Labs	
Analyzed for: <u>(TPH-G BTEX MTBE TPH-D)</u> Other: _____		
Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____		
D.O. (if req'd):	Pre-purge: <u> </u> mg/L	Post-purge: <u> </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u> </u> mV	Post-purge: <u> </u> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 961212-F1	Station #: 9-0290
Sampler: TG	Date: 12/12/96
Well I.D.: B-12	Well Diameter: (2) 3 4 6 8
Total Well Depth: 15.36	Depth to Water: 5.11
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 ² * 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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<u>1.6</u>	x	<u>3</u>	=	<u>4.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1201	69.0	6.7	900	1.75	VERY SILTY
1203	68.4	6.8	920	3.25	
1205	68.6	6.7	980	5.0	

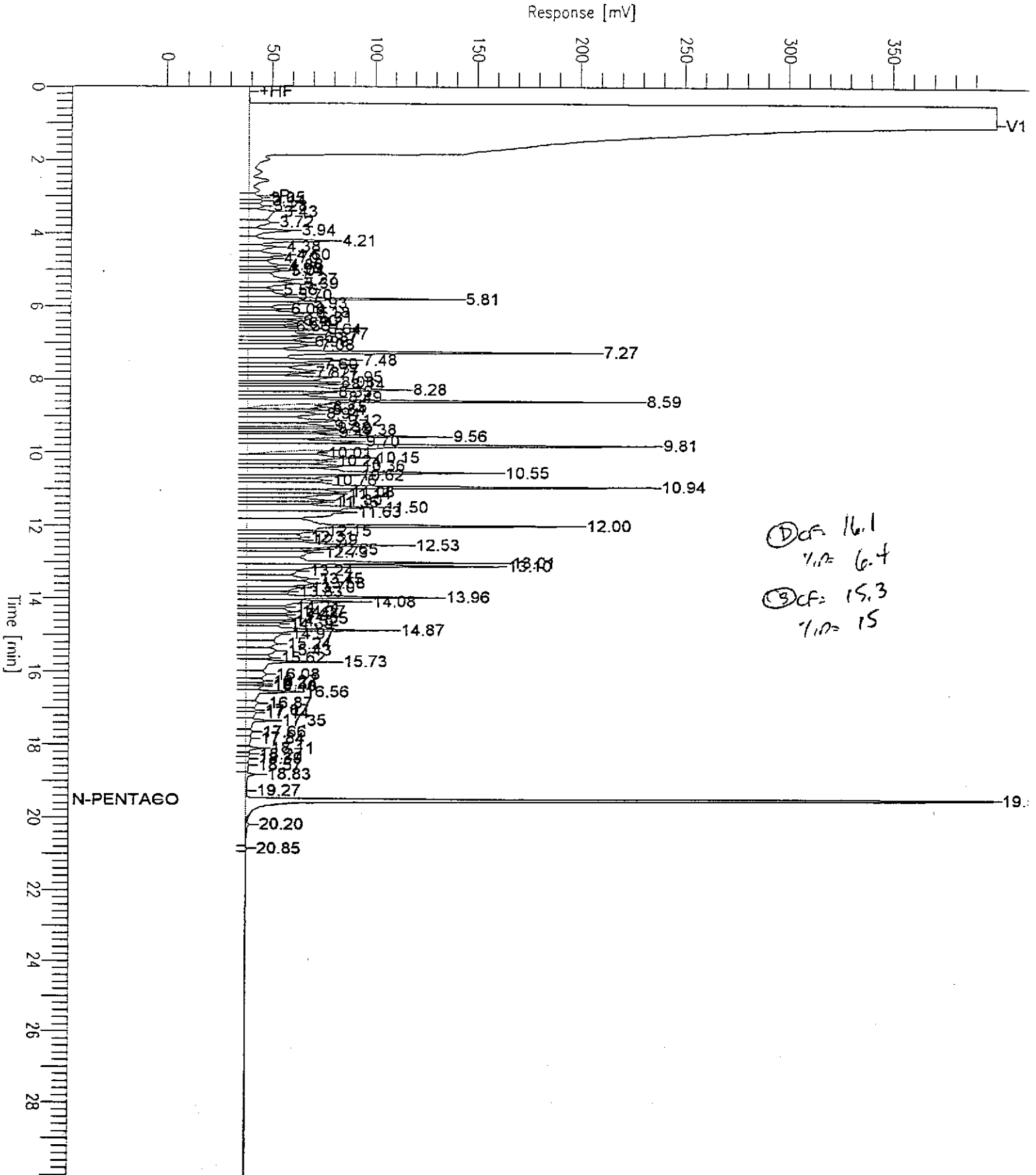
Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 5.0	
Sampling Time: 1215	Sampling Date: 12/12/96	
Sample I.D.: B-12	Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs	
Analyzed for: <u>TPH-G BTEX MTBE TPH-D</u> Other:		
Duplicate I.D.: Analyzed 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

Chromatogram

Sample Name : DSTD021496 (500 PPM)
FileName : S:\GHP_04\0218\214A003.raw
Method : TPH04A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 0 mV

Sample #: DST020696V
Date : 2/14/96 10:16
Time of Injection: 2/14/96 09:42
Low Point : 0.00 mV
Plot Scale: 400.0 mV
Page 1 of 1
High Point : 400.00 mV



Chromatogram

Sample Name : D9602712-2 (500:1)

FileName : S:\GHP_04\0218\214A009.raw

Method : TPH04A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 0 mV

Sample #: B-5

Date : 2/15/96 14:11

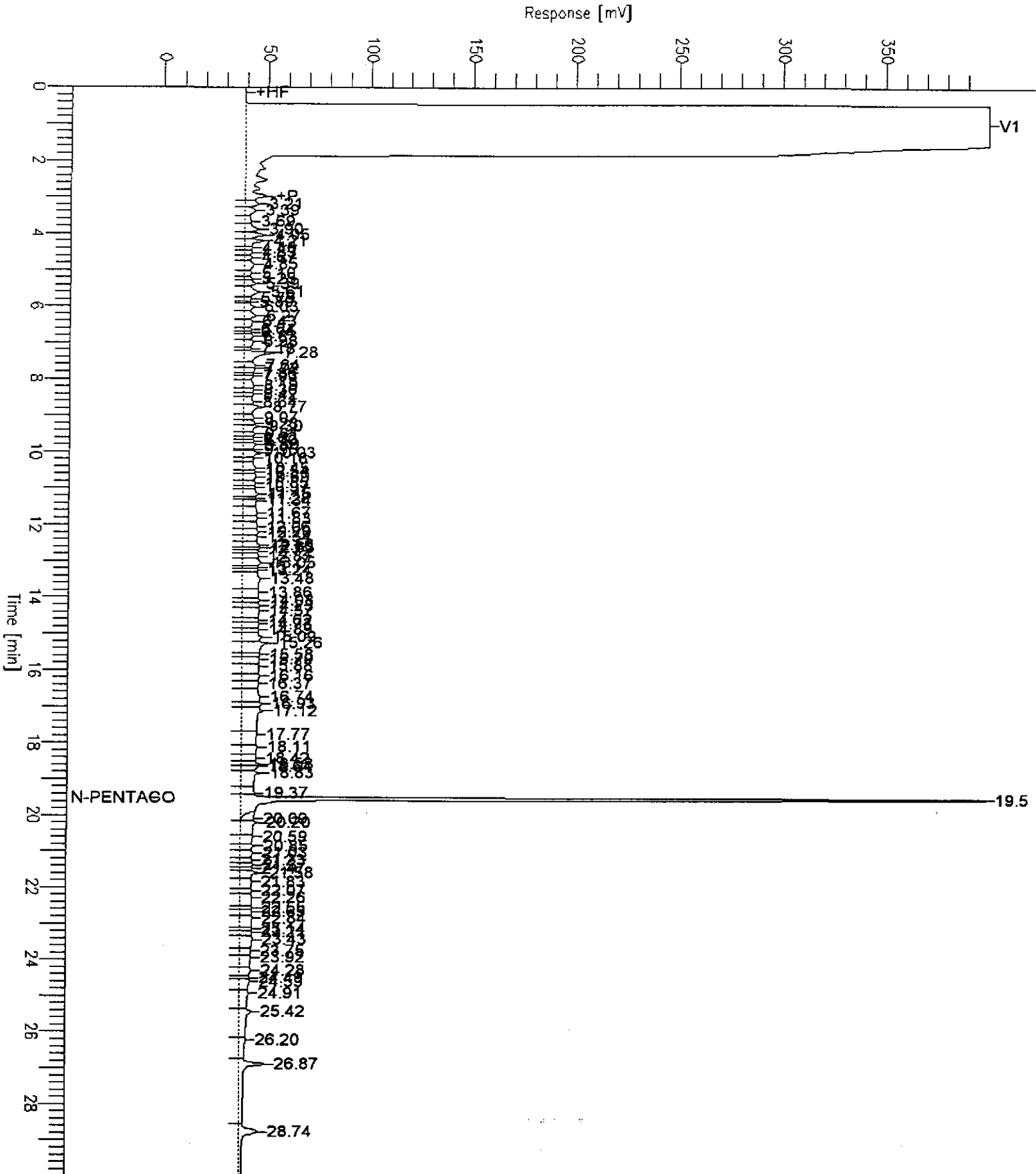
Time of Injection: 2/14/96 13:51

Low Point : 0.00 mV

Plot Scale: 400.0 mV

Page 1 of 1

High Point : 400.00 mV



Chromatogram

Sample Name : D9602712-3 (500:1)

Sample #: B-6

Page 1 of 1

FileName : S:\GHP_04\0218\214A010.raw

Date : 2/15/96 14:11

Method : TPH04A

Time of Injection: 2/14/96 14:32

Start Time : 0.00 min

End Time : 30.00 min

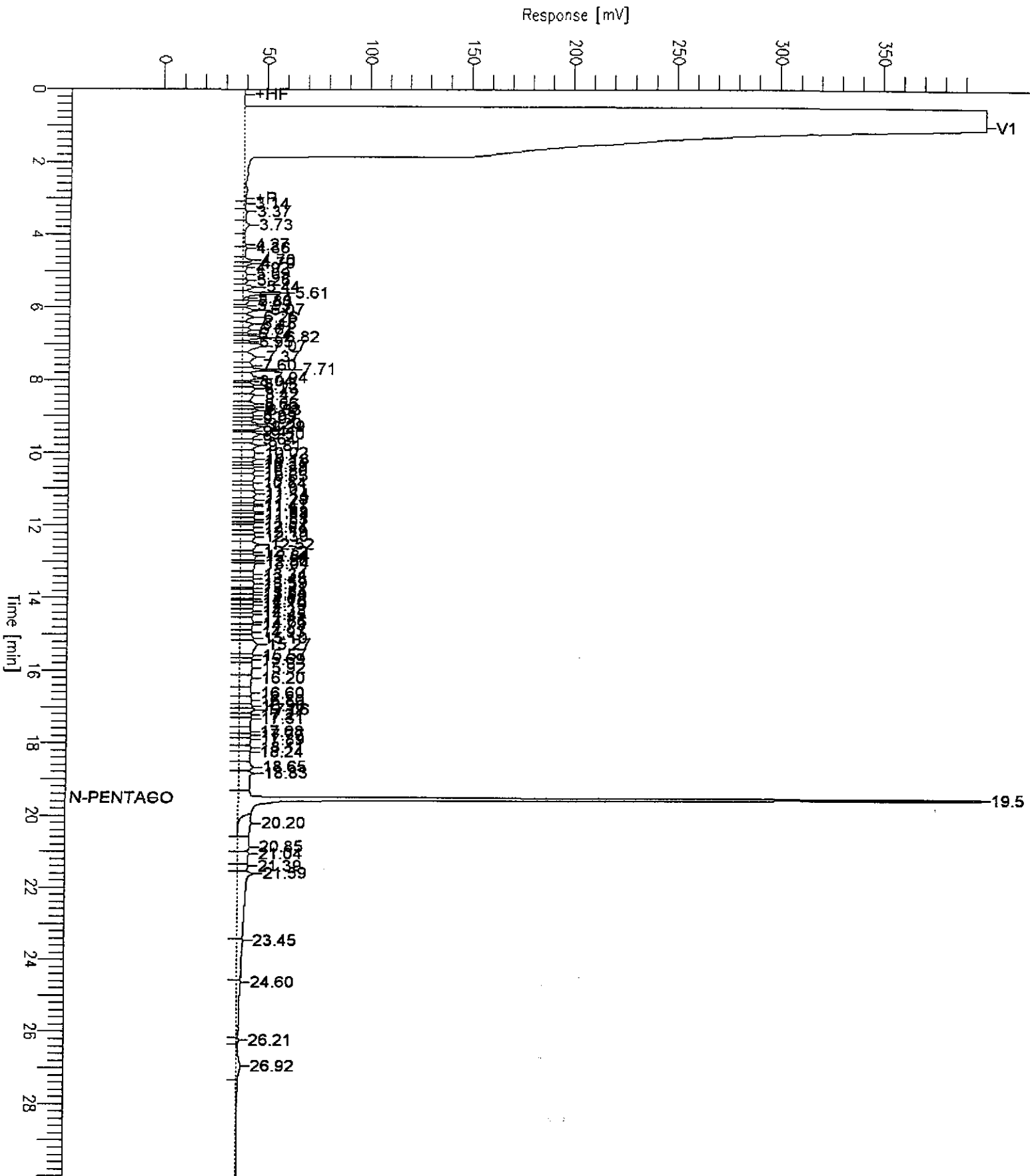
Low Point : 0.00 mV

High Point : 400.00 mV

Scale Factor: 0.0

Plot Offset: 0 mV

Plot Scale: 400.0 mV



Chromatogram

Sample Name : D9602712-4 (500:1)

FileName : S:\GHP_04\0218\214A011.raw

Method : TPH04A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 0 mV

Sample #: B-10

Date : 2/15/96 14:12

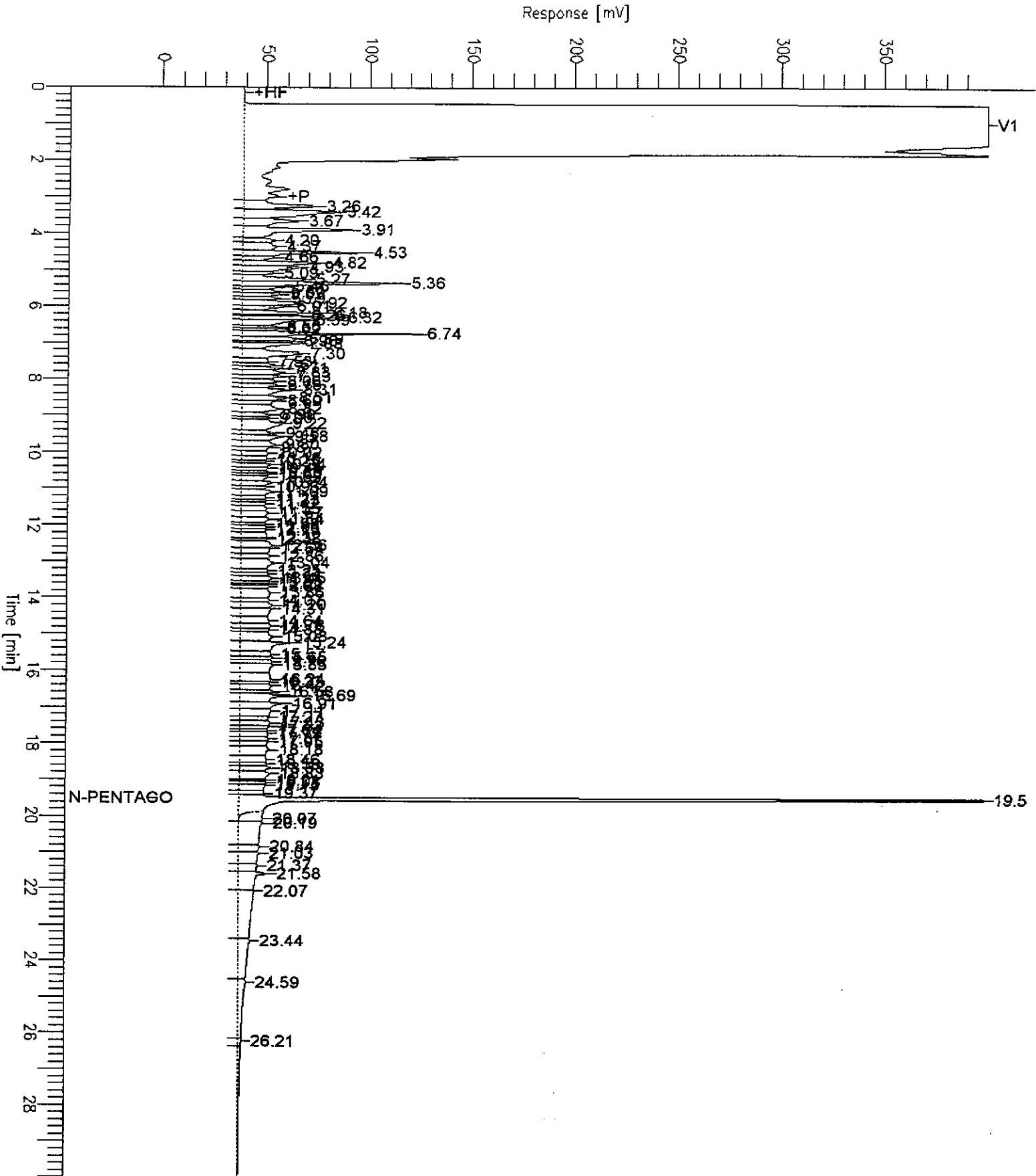
Time of Injection: 2/14/96 15:13

Low Point : 0.00 mV

Plot Scale: 400.0 mV

Page 1 of 1

High Point : 400.00 mV



Chromatogram

Sample Name : D9602712-5 (500:1)

Sample #: B-11

Page 1 of 1

FileName : S:\GHP_04\0218\214A012.raw

Date : 2/15/96 14:12

Method : TPH04A

Time of Injection: 2/14/96 15:54

Start Time : 0.00 min

End Time : 30.00 min

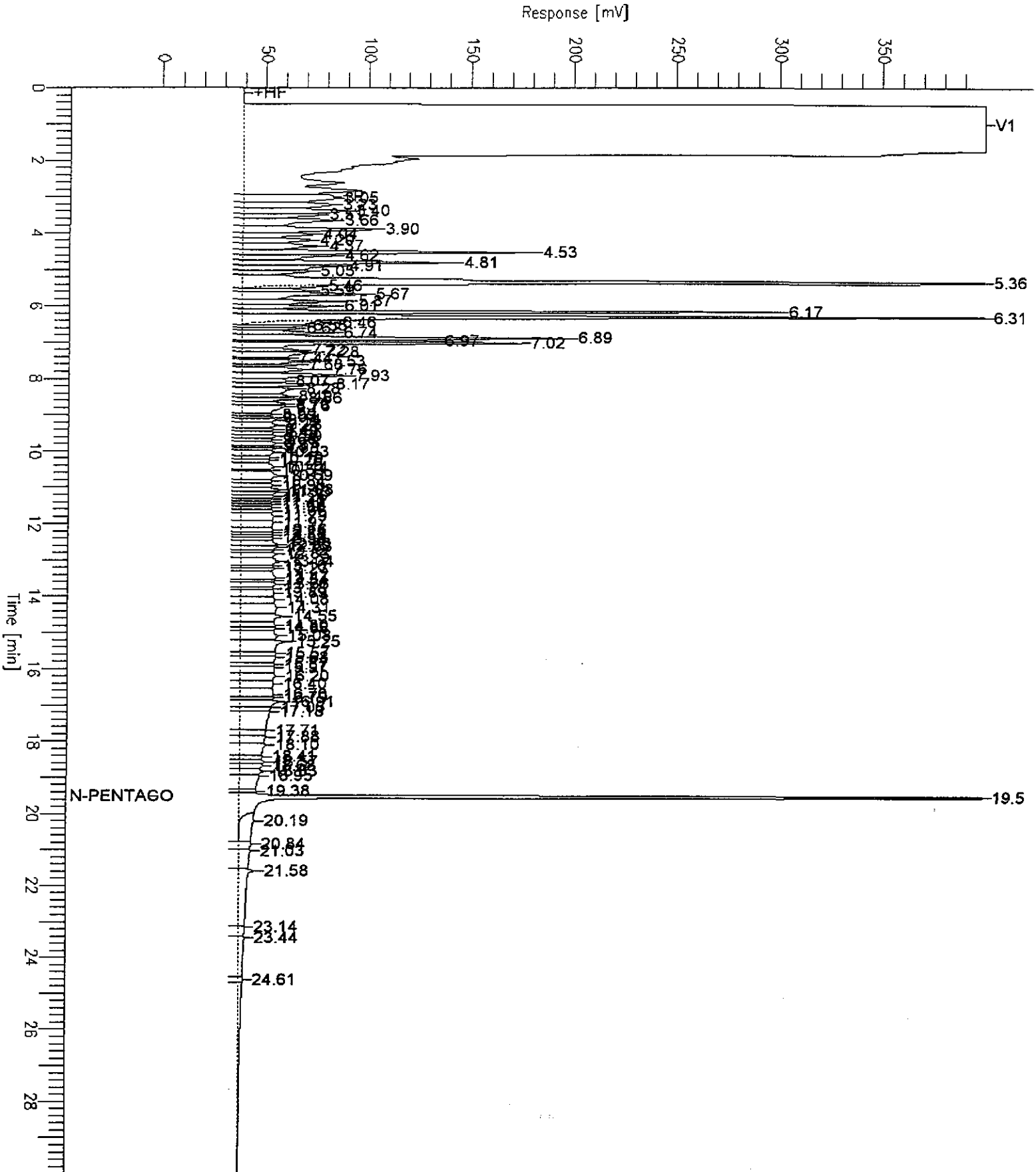
Low Point : 0.00 mV

High Point : 400.00 mV

Scale Factor: 0.0

Plot Offset: 0 mV

Plot Scale: 400.0 mV



Chromatogram

Sample Name : D9602712-6 (500:1)

FileName : S:\GHP_04\0218\214A013.raw

Method : TPH04A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 0 mV

Sample #: B-12

Date : 2/15/96 14:12

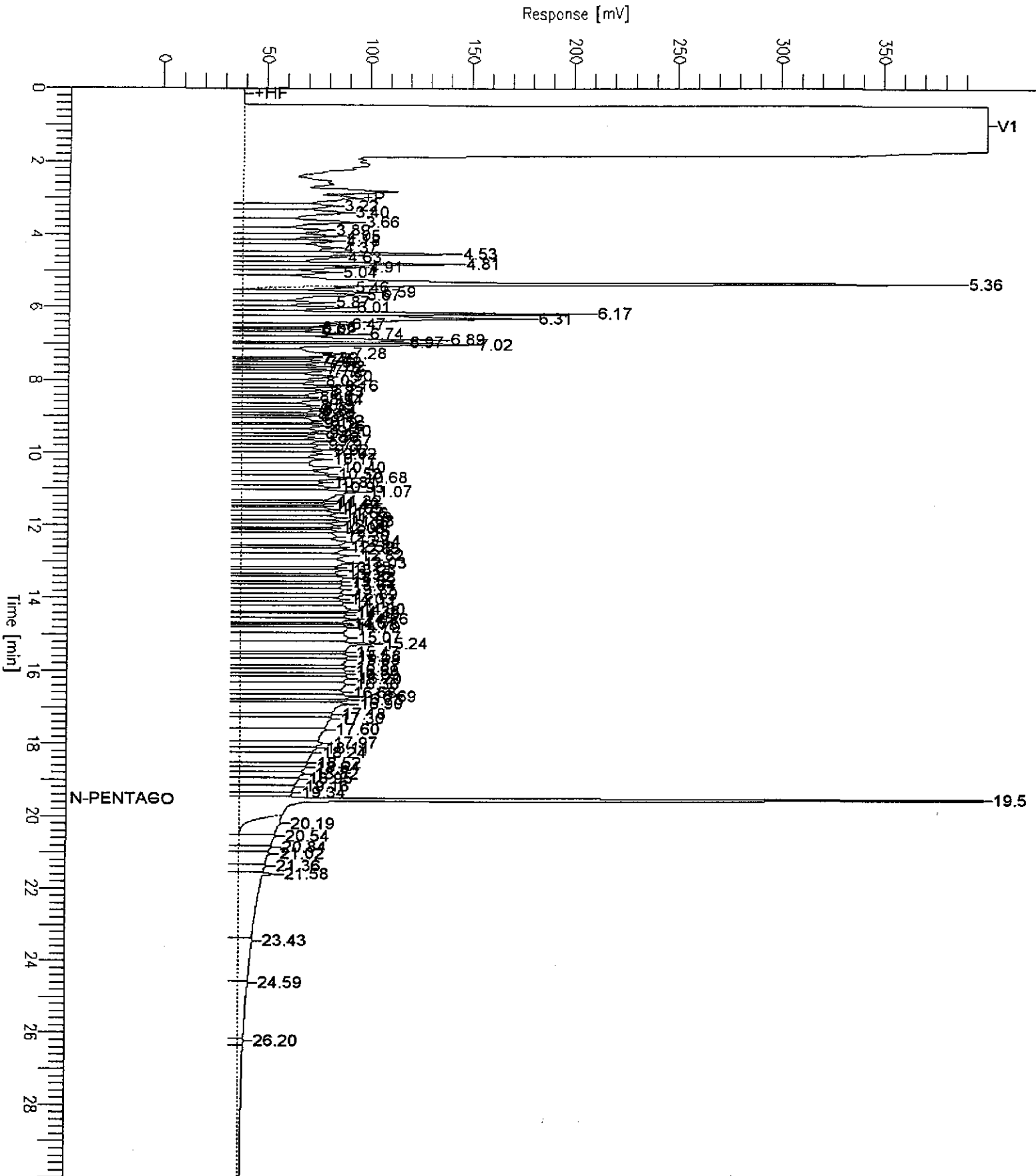
Time of Injection: 2/14/96 16:35

Low Point : 0.00 mV

Plot Scale: 400.0 mV

Page 1 of 1

High Point : 400.00 mV



Chromatogram

Sample Name : D9602712-7 (500:1)

FileName : S:\GHP_04\0218\214A014.raw

Method : TPH04A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 0 mV

Sample #: B-13

Date : 2/15/96 14:12

Time of Injection: 2/14/96 17:16

Low Point : 0.00 mV

Plot Scale: 400.0 mV

Page 1 of 1

High Point : 400.00 mV

