

ENVIRONMENTAL
PROTECTION



Chevron

97 FEB -4 PM 3: 34

January 31, 1997

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

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing - Sales West
Phone 510 842-9500

① Verify location of B-5

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

Dear Ms. Chu:

Enclosed is the Third and Fourth Quarter Groundwater Monitoring Reports for 1996, that were 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-10, B-11, B-12 and B-13 are analyzed for the presence of TPH-g, TPH-d, BTEX and MtBE constituents; while monitoring well B-6 is only analyzed for the presence of the TPH-d constituent. Depth to ground water varied from 4.99 feet to 6.43 feet below grade with a direction of flow to the northwest in the first quarter. In the second quarter, the depth to ground water varied from 4.28 feet to 5.83 feet below grade with direction of flow to the northwest.

All wells showed the presence of the constituents noted above with **separate phase hydrocarbon detected** in monitoring well A-1. Approximately 0.05 gallons of separate phase hydrocarbon was bailed from this well. The results of the TPH-d analysis in all the wells, does not show the presence of diesel constituents but the presence of an unidentified hydrocarbon.

Chevron will continue to monitor the wells quarterly. If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

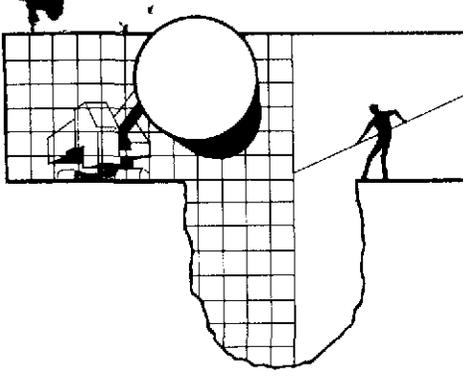
ENVIRONMENTAL
PROTECTION

97 FEB -4 PM 3: 33

January 31, 1997
Ms. Eva Chu
Chevron Service Station # 9-0290
Page 2

cc. Mr. Bill Scudder, Chevron

Ms. Louise Van De Deere
Housing Authority of the City of Alameda
701 Atlantic Avenue
Alameda, CA 94501



September 24, 1996

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

3rd Quarter 1996 Monitoring at 9-0290

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

Monitoring Performed on August 23, 1996

Groundwater Sampling Report 960823-J-4

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.

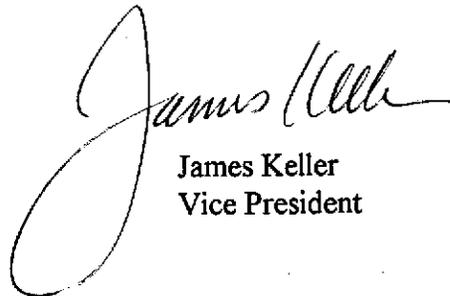
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater 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,

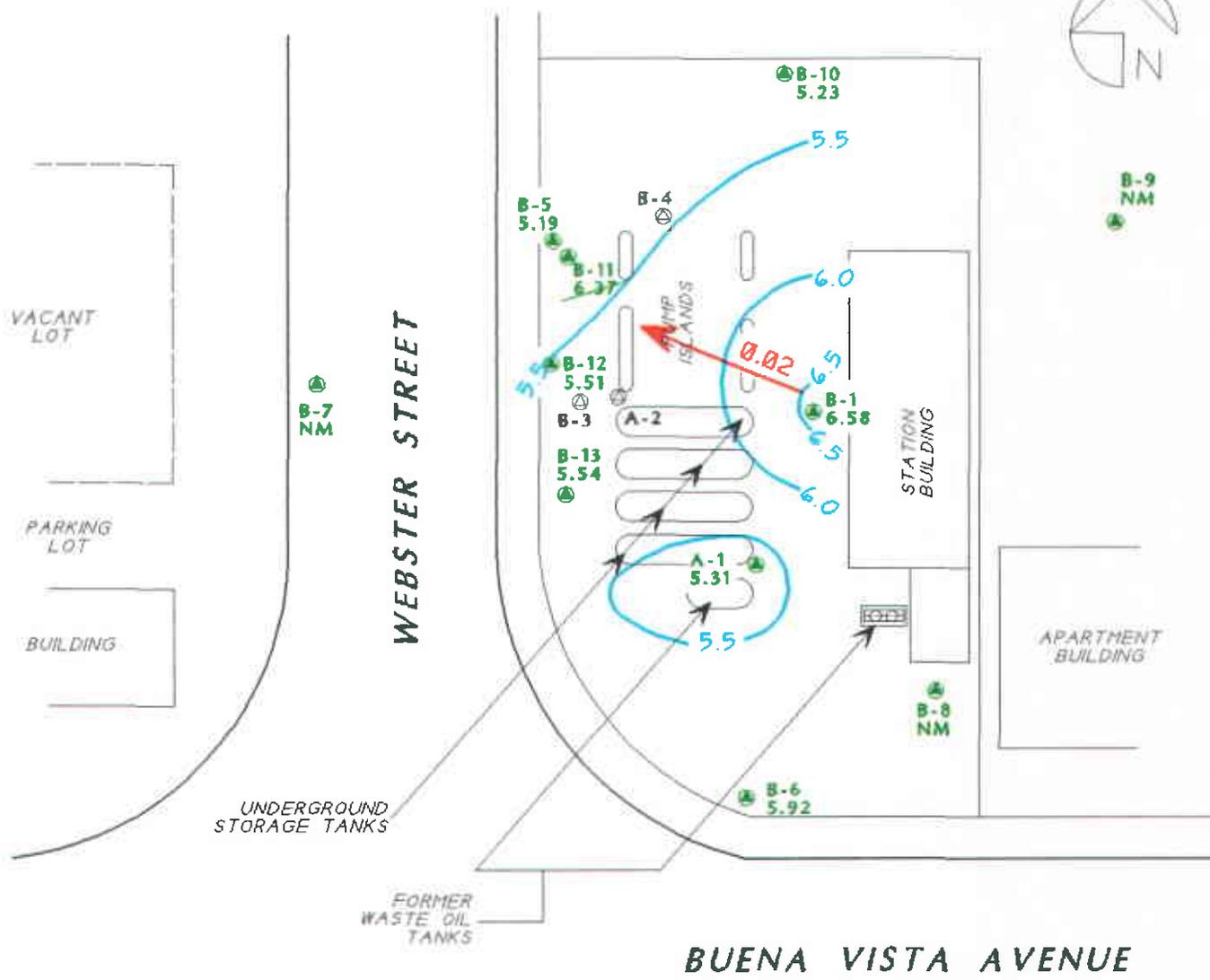


James Keller
Vice President

JPK/cg

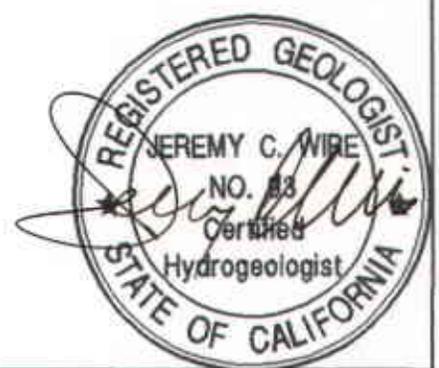
attachments: Professional Engineering Appendix
Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets

Professional Engineering Appendix



EXPLANATION	
	MONITORING WELL LOCATION AND WELL NUMBER
	ABANDONED MONITORING WELL LOCATION AND WELL NUMBER
5.92	GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
NM	NOT MEASURED
	GROUND-WATER ELEVATION NOT USED FOR CONTOURING
	GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
	APPROXIMATE DIRECTION OF GROUND-WATER FLOW. GRADIENT INDICATED IN FEET / FEET

B.P. STATION



TITLE : GROUND-WATER ELEVATION CONTOUR MAP - AUGUST 23, 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-CH-88058-48X2390

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	--	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	--	0.13	--	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	--	0.13	--	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	--	0.50	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--

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-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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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

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

** 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-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

* 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-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**	--

* 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	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	10.70	5.25	5.45	0.00	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	10.70	4.81	5.89	0.00	--	--	--	<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	0.00	--	--	--	1700	95	<2.5	69	170	--	900*	22
02/08/96	11.42	6.87	4.55	0.00	--	--	--	230	31	<0.5	7.2	6.2	--	650*	10
05/08/96	11.42	5.87	5.55	0.00	--	--	--	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
B-11															
11/29/95	11.98	6.08	5.90	0.00	--	--	--	2800	38	<10	26	48	--	1400*	21,000
02/08/96	11.98	7.54	4.44	0.00	--	--	--	<5000	<50	<50	<50	<50	--	1100*	38,000
05/08/96	11.98	6.98	5.00	0.00	--	--	--	4100	110	<10	31	25	--	1300*	17,000
08/23/96	11.98	6.37	5.61	--	--	--	--	3400	160	12	41	13	--	820*	4000

* 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	0.00	--	--	--	1100	10	<10	<10	<10	--	1800*	37,000
02/08/96	11.16	6.56	4.60	0.00	--	--	--	<20,000	<200	<200	<200	<200	--	1800*	88,000
05/08/96	11.16	6.08	5.08	0.00	--	--	--	<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
B-13															
11/29/95	11.17	5.26	5.91	0.00	--	--	--	1800	19	<5.0	5.5	<5.0	--	3400*	7400
02/08/96	11.17	6.72	4.45	0.00	--	--	--	910	12	1.3	2.0	1.9	--	450*	77
05/08/96	11.17	6.20	4.97	0.00	--	--	--	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
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	--	--	--

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 9-0290/960823-J4
Sample Descript: B-1
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9608F43-01

Sampled: 08/23/96
Received: 08/26/96
Analyzed: 09/06/96
Reported: 09/15/96

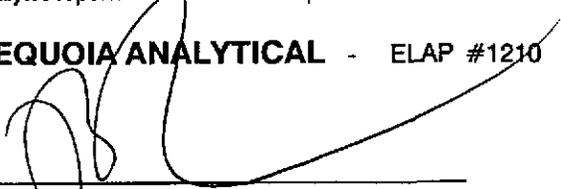
QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	100	4900
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 9-0290/960823-J4 Sample Descript: B-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9608F43-01	Sampled: 08/23/96 Received: 08/26/96 Analyzed: 09/06/96 Reported: 09/15/96
---	--	---

QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2000	3200
Benzene	20	500
Toluene	20	N.D.
Ethyl Benzene	20	N.D.
Xylenes (Total)	20	N.D.
Chromatogram Pattern:		Gas
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 9-0290/960823-J4 Sample Descript: B-5 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9608F43-02	Sampled: 08/23/96 Received: 08/26/96 Extracted: 09/03/96 Analyzed: 09/04/96 Reported: 09/15/96
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QC Batch Number: GC0830960HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	990 W-Diesel
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 139

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 Renner
Project Manager





Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0290/960823-J4
Sample Descript: B-5
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9608F43-02

Sampled: 08/23/96
Received: 08/26/96

Analyzed: 09/06/96
Reported: 09/15/96

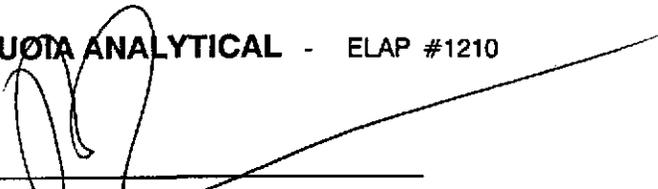
QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	50	9300
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	85

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 9-0290/960823-J4
Sample Descript: B-5
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9608F43-02

Sampled: 08/23/96
Received: 08/26/96
Analyzed: 09/11/96
Reported: 09/15/96

QC Batch Number: GC091196BTEX01A

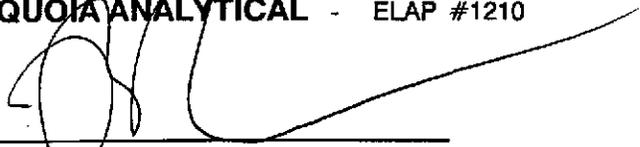
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	250
Benzene	0.50	6.4
Toluene	0.50	2.1
Ethyl Benzene	0.50	2.1
Xylenes (Total)	0.50	4.3
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	111

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 9-0290/960823-J4
Sample Descript: B-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9608F43-03

Sampled: 08/23/96
Received: 08/26/96
Extracted: 09/03/96
Analyzed: 09/04/96
Reported: 09/15/96

QC Batch Number: GC0830960HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	310 Unidentified HC
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	110

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 Fenner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290/960823-J4 Sample Descript: B-10 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9608F43-04	Sampled: 08/23/96 Received: 08/26/96 Extracted: 09/03/96 Analyzed: 09/04/96 Reported: 09/15/96
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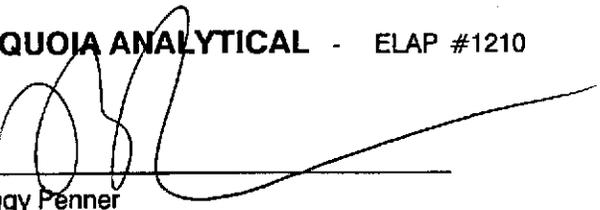
QC Batch Number: GC0830960HBPEXB
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	700 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 129

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 9-0290/960823-J4
Sample Descript: B-10
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9608F43-04

Sampled: 08/23/96
Received: 08/26/96
Analyzed: 09/08/96
Reported: 09/15/96

QC Batch Number: GC090896BTEX02A
Instrument ID: GCHP02

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.5	8.3
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	125

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 9-0290/960823-J4 Sample Descript: B-10 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9608F43-04	Sampled: 08/23/96 Received: 08/26/96 Analyzed: 09/08/96 Reported: 09/15/96
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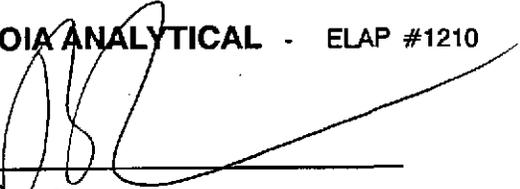
QC Batch Number: GC090896BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	320
Benzene	0.50	34
Toluene	0.50	N.D.
Ethyl Benzene	0.50	29
Xylenes (Total)	0.50	15
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	125

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Fenner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0290/960823-J4 Sample Descript: B-11 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9608F43-05	Sampled: 08/23/96 Received: 08/26/96 Extracted: 09/03/96 Analyzed: 09/04/96 Reported: 09/15/96
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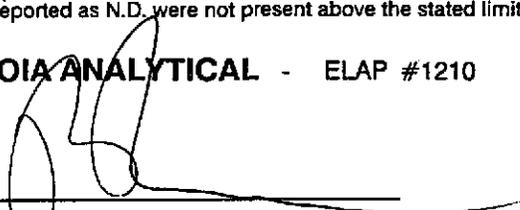
QC Batch Number: GC0830960HBPEXB
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	820 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 Attention: Jim Keller	Client Proj. ID: Chevron 9-0290/960823-J4 Sample Descript: B-11 Matrix: LIQUID Analysis Method: EPA 8020 Lab Number: 9608F43-05	Sampled: 08/23/96 Received: 08/26/96 Analyzed: 09/06/96 Reported: 09/15/96
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QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	25	4000
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 9-0290/960823-J4
Sample Descript: B-11
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9608F43-05

Sampled: 08/23/96
Received: 08/26/96

Analyzed: 09/06/96
Reported: 09/15/96

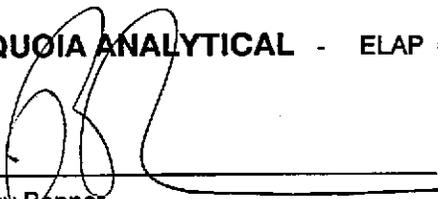
QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	3400
Benzene	5.0	160
Toluene	5.0	12
Ethyl Benzene	5.0	41
Xylenes (Total)	5.0	13
Chromatogram Pattern:		Gas
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 9-0290/960823-J4 Sample Descript: B-12 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9608F43-06	Sampled: 08/23/96 Received: 08/26/96 Extracted: 09/03/96 Analyzed: 09/04/96 Reported: 09/15/96
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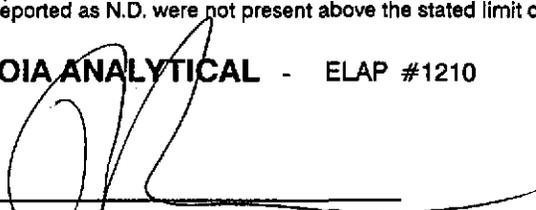
QC Batch Number: GC0830960HBPEXB
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	1500 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 125

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 9-0290/960823-J4
Sample Descript: B-12
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9608F43-06

Sampled: 08/23/96
Received: 08/26/96
Analyzed: 09/06/96
Reported: 09/15/96

QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	25	420
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	92

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 9-0290/960823-J4 Sample Descript: B-12 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9608F43-06	Sampled: 08/23/96 Received: 08/26/96 Analyzed: 09/06/96 Reported: 09/15/96
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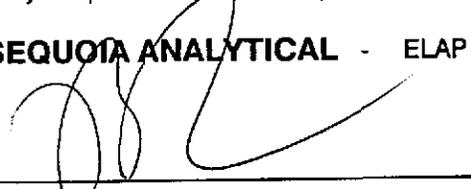
QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	630
Benzene	5.0	16
Toluene	5.0	N.D.
Ethyl Benzene	5.0	N.D.
Xylenes (Total)	5.0	N.D.
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	92

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 9-0290/960823-J4
Sample Descript: B-13
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9608F43-07

Sampled: 08/23/96
Received: 08/26/96
Extracted: 09/03/96
Analyzed: 09/04/96
Reported: 09/15/96

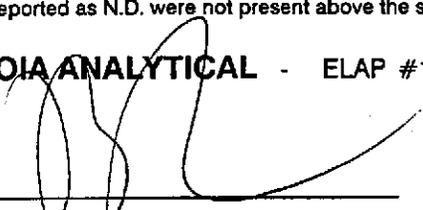
QC Batch Number: GC0830960HBPEXB
Instrument ID: GCHP4A

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 120

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 9-0290/960823-J4
Sample Descript: B-13
Matrix: LIQUID
Analysis Method: EPA 8020
Lab Number: 9608F43-07

Sampled: 08/23/96
Received: 08/26/96

Analyzed: 09/06/96
Reported: 09/15/96

QC Batch Number: GC090696BTEX17A
Instrument ID: GCHP17

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	50	450
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	101

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 9-0290/960823-J4 Sample Descript: B-13 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9608F43-07	Sampled: 08/23/96 Received: 08/26/96 Analyzed: 09/06/96 Reported: 09/15/96
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QC Batch Number: GC090696BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	1300
Benzene	10	N.D.
Toluene	10	N.D.
Ethyl Benzene	10	N.D.
Xylenes (Total)	10	N.D.
Chromatogram Pattern: Weathered Gas		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	101

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 9-0290/960823-J4
Sample Descript: TB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9608F43-08

Sampled: 08/23/96
Received: 08/26/96
Analyzed: 09/06/96
Reported: 09/15/96

QC Batch Number: GC090696BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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	74

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 9-0290/960823-J4

Received: 08/26/96

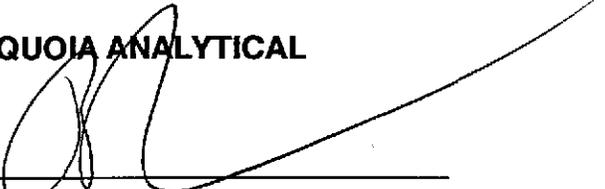
Lab Proj. ID: 9608F43

Reported: 09/15/96

LABORATORY NARRATIVE

TPPH Note: Sample 9608F43-01 was diluted 40-fold.
Sample 9608F43-02 was diluted 20-fold, MTBE Only.
Sample 9608F43-05 was diluted 10-fold.
Sample 9608F43-06 was diluted 10-fold.
Sample 9608F43-07 was diluted 20-fold.

SEQUOIA ANALYTICAL


Peggy Fenner
Project Manager





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

Client Project ID: Chevron 9-0290/960823-J4
Matrix: Liquid

Work Order #: 9608F43 -01, -04 - 06

Reported: Sep 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC090696BTEX03A	GC090696BTEX03A	GC090696BTEX03A	GC090696BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	R. Vincent	R. Vincent	R. Vincent	R. Vincent
MS/MSD #:	9608E90-03	9608E90-03	9608E90-03	9608E90-03
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/6/96	9/6/96	9/6/96	9/6/96
Analyzed Date:	9/6/96	9/6/96	9/6/96	9/6/96
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	10 ug/L
Result:	8.0	7.6	7.5	22
MS % Recovery:	80	76	75	73
Dup. Result:	11	11	11	32
MSD % Recov.:	110	110	110	107
RPD:	32	37	38	37
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK090696	BLK090696	BLK090696	BLK090696
Prepared Date:	9/6/96	9/6/96	9/6/96	9/6/96
Analyzed Date:	9/6/96	9/6/96	9/6/96	9/6/96
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Result:	11	10	10	32
LCS % Recov.:	110	100	100	107

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

9608F43.BLA <1>





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

Client Project ID: Chevron 9-0290/960823-J4
Matrix: Liquid

Work Order #: 9608F43 - 02

Reported: Sep 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC091196BTEX01A	GC091196BTEX01A	GC091196BTEX01A	GC091196BTEX01A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	R. Burton	R. Burton	R. Burton	R. Burton
MS/MSD #:	9609G35-01	9609G35-01	9609G35-01	9609G35-01
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/11/96	9/11/96	9/11/96	9/11/96
Analyzed Date:	9/11/96	9/11/96	9/11/96	9/11/96
Instrument I.D.#:	GCHP1	GCHP1	GCHP1	GCHP1
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	10 ug/L
Result:	12	11	10	30
MS % Recovery:	120	110	100	100
Dup. Result:	12	10	10	30
MSD % Recov.:	120	100	100	100
RPD:	0.0	9.5	0.0	0.0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK091196	BLK091196	BLK091196	BLK091196
Prepared Date:	9/11/96	9/11/96	9/11/96	9/11/96
Analyzed Date:	9/11/96	9/11/96	9/11/96	9/11/96
Instrument I.D.#:	GCHP18	GCHP18	GCHP18	GCHP18
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Result:	13	11	10	31
LCS % Recov.:	130	110	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

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

9608F43.BLA <2>





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

Client Project ID: Chevron 9-0290/960823-J4
Matrix: Liquid

Work Order #: 9608F43 - 07

Reported: Sep 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC090696BTEX17A	GC090696BTEX17A	GC090696BTEX17A	GC090696BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	R. Vincent	R. Vincent	R. Vincent	R. Vincent
MS/MSD #:	9608E90-04	9608E90-04	9608E90-04	9608E90-04
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/6/96	9/6/96	9/6/96	9/6/96
Analyzed Date:	9/6/96	9/6/96	9/6/96	9/6/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
Result:	10	10	10	30
MS % Recovery:	100	100	100	100
Dup. Result:	8.5	8.3	8.1	24
MSD % Recov.:	85	83	81	80
RPD:	16	19	21	22
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	GBLK090696	GBLK090696	GBLK090696	GBLK090696
Prepared Date:	9/6/96	9/6/96	9/6/96	9/6/96
Analyzed Date:	9/6/96	9/6/96	9/6/96	9/6/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Result:	10	9.8	9.7	29
LCS % Recov.:	100	98	97	97

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:

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

9608F43.BLA <3>





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

Client Project ID: Chevron 9-0290/960823-J4
Matrix: Liquid

Work Order #: 9608F43 - 03

Reported: Sep 17, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC090896BTEX02A	GC090896BTEX02A	GC090896BTEX02A	GC090896BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	R. Burton	R. Burton	R. Burton	R. Burton
MS/MSD #:	9608F10-03	9608F10-03	9608F10-03	9608F10-03
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/8/96	9/8/96	9/8/96	9/8/96
Analyzed Date:	9/8/96	9/8/96	9/8/96	9/8/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	10 ug/L
Result:	9.4	8.5	8.2	26
MS % Recovery:	94	85	82	87
Dup. Result:	9.6	8.7	8.2	28
MSD % Recov.:	96	87	82	93
RPD:	2.1	2.3	0.0	7.4
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	BLK090896	BLK090896	BLK090896	BLK090896
Prepared Date:	9/8/96	9/8/96	9/8/96	9/8/96
Analyzed Date:	9/8/96	9/8/96	9/8/96	9/8/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 ug/L	10 ug/L	10 ug/L	30 ug/L
LCS Result:	10	9.1	8.8	28
LCS % Recov.:	100	91	88	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 Fenner
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.





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

Client Project ID: Chevron 9-0290/960823-J4
Matrix: Liquid

Work Order #: 9608F43 -01-07

Reported: Sep 17, 1996

QUALITY CONTROL DATA REPORT

Analyte: Diesel

QC Batch#: GC0830960HBPEXB
Analy. Method: EPA 8015 M
Prep. Method: EPA 3510

Analyst: B. Sullivan
MS/MSD #: BLK083096
Sample Conc.: N.D.
Prepared Date: 8/30/96
Analyzed Date: 8/31/96
Instrument I.D.#: GCHP5A
Conc. Spiked: 1000 ug/L

Result: 1100
MS % Recovery: 110

Dup. Result: 1100
MSD % Recov.: 110

RPD: 0.0
RPD Limit: 0-50

LCS #:

Prepared Date:
Analyzed Date:
Instrument I.D.#:
Conc. Spiked:

LCS Result:
LCS % Recov.:

MS/MSD 60-140
LCS
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

9608F43.BLA <5>



Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>96082354</u>	Station #: <u>9-0290</u>
Sampler: <u>MS</u>	Date: <u>8/23/96</u>
Well I.D.: <u>A-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth:	Depth to Water: <u>6.43</u>
Depth to Free Product: <u>6.21</u>	Thickness of Free Product (feet): <u>.22</u>
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: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	--

_____	X	_____	=	_____	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
					No sample due to product,
					Product too thick to bail

Did well dewater?	Yes	No	Gallons actually evacuated:
Sampling Time:	Sampling Date:		
Sample I.D.:	Laboratory: Sequoia GTEL		
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 #: <u>960823-34</u>	Station #: <u>9-0290</u>
Sampler: <u>MS</u>	Date: <u>8/23/96</u>
Well I.D.: <u>B-1</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>16.63</u>	Depth to Water: <u>5.54</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>

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: <u>Bailer</u>	Sampling Method: <u>Bailer</u>
<u>Disposable Bailer</u> X	<u>Disposable Bailer</u> X
<u>Middleburg</u>	<u>Extraction Port</u>
<u>Electric Submersible</u>	Other: _____
<u>Extraction Pump</u>	
Other: _____	

<u>1.8</u>	x	<u>3</u>	=	<u>5.3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1648	70.6	7.2	1500	2	
1652	70.2	7.0	1400	4	
1655	69.8	7.0	1400	5.5	

Did well dewater? Yes No Gallons actually evacuated: 3.5

Sampling Time: 1700 Sampling Date: _____

Sample I.D.: B-1 Laboratory: Sequoia GTEL

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 #: <u>960823-54</u>	Station #: <u>9-0290</u>
Sampler: <u>MS</u>	Date: <u>8/23</u>
Well I.D.: <u>B-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>18.01</u>	Depth to Water: <u>4.99</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multplier	Well Diameter	Multplier
2"	0.15	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

<u>2.1</u>	x	<u>3</u>	=	<u>6.2</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1505	74.4	6.9	1100	2.5	
1509	73.8	6.7	1100	4.5	
1513	73.4	6.6	1100	6.5	

Did well dewater? Yes No Gallons actually evacuated: 6.5

Sampling Time: 1520 Sampling Date: 8/23

Sample I.D.: B-5 Laboratory: (Sequoia) GTEL

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 #: 960823-54	Station #: 9-0290
Sampler: MS	Date: 8/23/96
Well I.D.: B-6	Well Diameter: (2) 3 4 6 8
Total Well Depth: 1862	Depth to Water: 605
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"	0.15	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

Other: _____

2.0	x	3	=	6.0	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1445	76.8	7.5	1900	2	
1449	75.4	7.1	1200	4	
1452	75.0	6.9	1100	6	

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1455 Sampling Date: 8/23

Sample I.D.: B-6 Laboratory: Sequoia GTEL

Analyzed for: ~~TPH-B~~ ~~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 #: 960823 J4	Station #: 9-0290
Sampler: MS	Date: 8/23/96
Well I.D.: B-10	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 16.10	Depth to Water: 6.19
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"	0.15	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 <input checked="" type="checkbox"/>	Disposable Bailer <input checked="" type="checkbox"/>
Middleburg	Extraction Port
Electric Submersible	Other: _____
Extraction Pump	
Other: _____	

<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
1605	70.6	6.9	1200	2	
1608	70.2	6.7	1100	3.5	
1611	70.6	6.6	1200	5	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>5</u>	
Sampling Time: <u>1615</u>	Sampling Date: <u>8/23</u>	
Sample I.D.: <u>B-10</u>	Laboratory: <u>Sequoia</u> GTEL	
Analyzed for: <u>TPH-G BTEX MTBE TPH-D</u> 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 #: <u>960823-J4</u>	Station #: <u>9-0290</u>
Sampler: <u>MJ</u>	Date: <u>8/23/90</u>
Well I.D.: <u>B-11</u>	Well Diameter: <u>2</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>14.88</u>	Depth to Water: <u>5.61</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u> </u> HACH <u> </u>

Well Diameter	Multplier	Well Diameter	Multplier
2"	0.16	5"	1.02
3"	0.37	5"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>1.5</u>	x	<u>3</u>	=	<u>4.4</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1555</u>	<u>69.8</u>	<u>7.5</u>	<u>840</u>	<u>1.5</u>	
<u>1559</u>	<u>70.0</u>	<u>7.3</u>	<u>800</u>	<u>3</u>	
<u>1603</u>	<u>70.0</u>	<u>7.1</u>	<u>780</u>	<u>4.5</u>	

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 1610 Sampling Date: 8/23

Sample I.D.: B-11 Laboratory: Sequoia GTEL

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 #: <u>960823-54</u>	Station #: <u>9-0290</u>
Sampler: <u>MS</u>	Date: <u>8/23/96</u>
Well I.D.: <u>B-12</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>15.41</u>	Depth to Water: <u>5.65</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	Multplier	Well Diameter	Multplier
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	
Other: _____	

<u>1.6</u>	x	<u>3</u>	=	<u>4.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1622</u>	<u>72.2</u>	<u>7.6</u>	<u>1400</u>	<u>2</u>	
<u>1625</u>	<u>71.8</u>	<u>7.4</u>	<u>1100</u>	<u>3.5</u>	
<u>1626</u>	<u>71.6</u>	<u>7.3</u>	<u>1100</u>	<u>5</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>5</u>	
Sampling Time: <u>1635</u>	Sampling Date: <u>8/23</u>	
Sample I.D.: <u>B-12</u>	Laboratory: <u>Sequoia</u> GTEL	
Analyzed for: <u>TPH-G BTEX MTBE TPH-D</u> Other:		
D.O. (if req'd):	Pre-purge: <input type="checkbox"/> $\mu\text{S}/\text{cm}$	Post-purge: <input type="checkbox"/> $\mu\text{S}/\text{cm}$
O.R.P. (if req'd):	Pre-purge: <input type="checkbox"/> mV	Post-purge: <input type="checkbox"/> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>960823-54</u>	Station #: <u>9-0290</u>
Sampler: <u>MS</u>	Date: <u>8/23/96</u>
Well I.D.: <u>B-13</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>14.00</u>	Depth to Water: <u>5.63</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	Multplier	Well Diameter	Multplier
2"	0.16	5"	1.02
3"	0.57	5"	1.47
4"	0.65	Other	radius ² * 0.163

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

<u>1.3</u>	x	<u>3</u>	=	<u>4.0</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1530	73.4	7.1	710	1.5	
1535	73.0	7.0	640	3	
1540	72.6	6.9	620	4	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>4</u>
Sampling Time: <u>1545</u>	Sampling Date: <u>8/23</u>
Sample I.D.: <u>B-13</u>	Laboratory: <u>Sequoia</u> GTEL

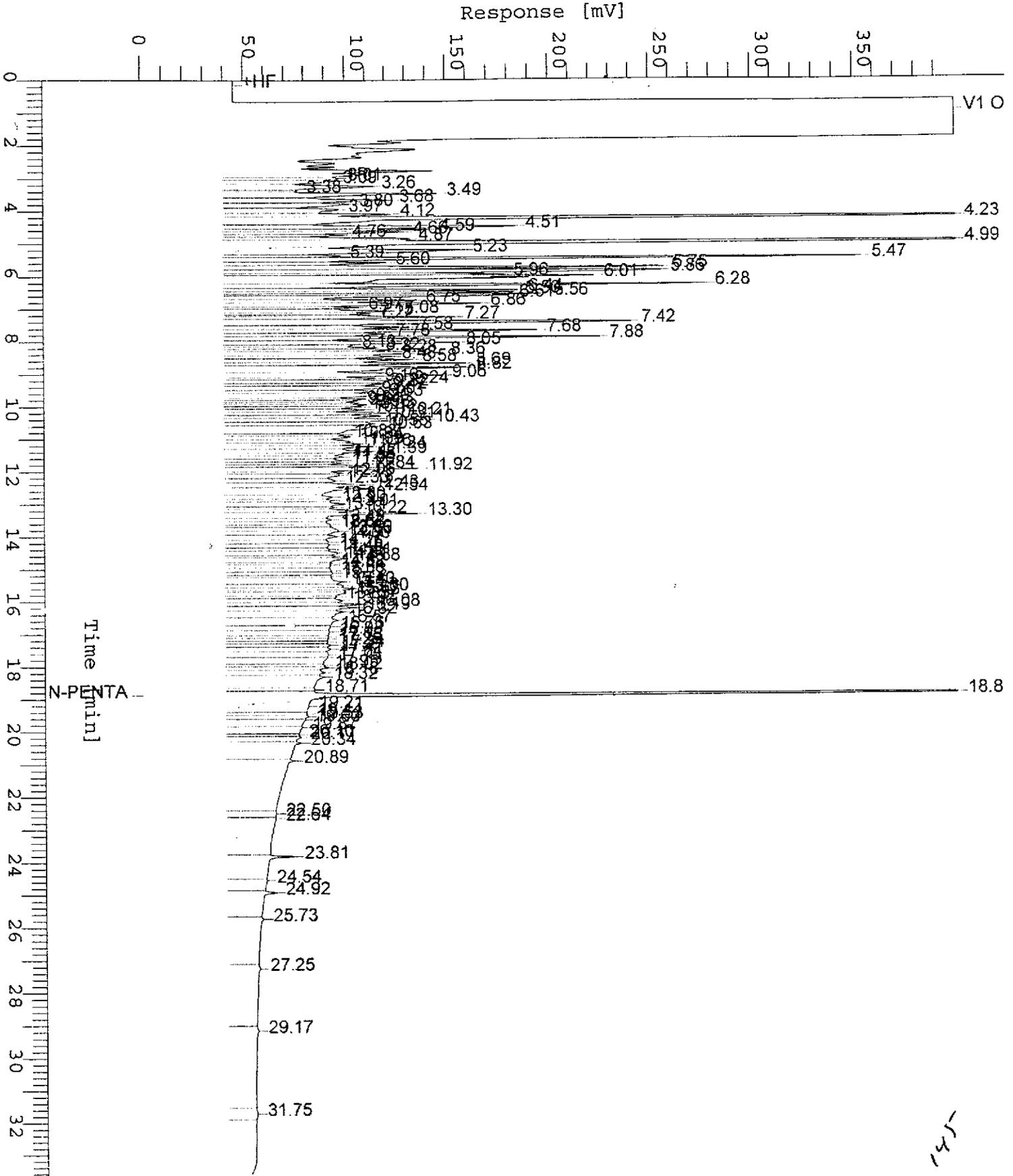
Analyzed for: <u>TPH-G</u> BTEX MIBE TPH-D Other:
D.O. (if req'd): Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd): Pre-purge: _____ mV Post-purge: _____ mV

Chromatogram

Sample Name : DW9608F43-1 (500:1)
 FileName : S:\GHP_04\0908\903B039.raw
 Method : TPH04A
 Start Time : 0.00 min
 Scale Factor: 0.0

**ENVIRONMENTAL
 PROTECTION**
97 FEB -4 PM 3:33

Sample #: B-1
 Date : 9/4/96 17:56
 Time of Injection: 9/4/96 17:22
 Low Point : 0.00 mV
 Plot Scale: 400.0 mV
 High Point : 400.00 mV



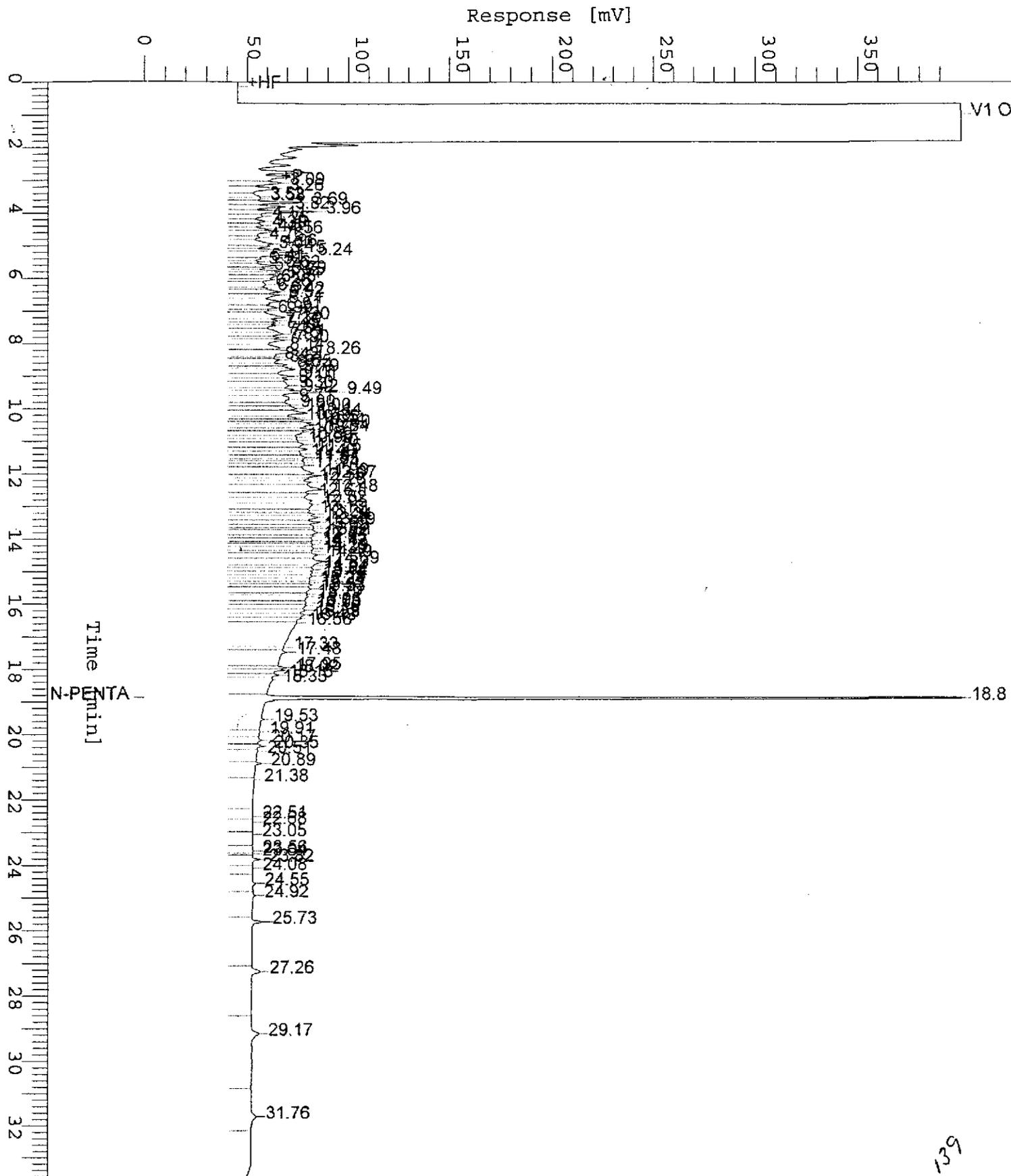
145

Chromatogram

Sample Name : DW9608F43-2 (500:1)
 FileName : S:\GHP_04\0908\903B038.raw
 Method : TPH04A
 Start Time : 0.00 min
 Scale Factor : 0.0

End Time : 33.65 min
 Plot Offset: 0 mV

Sample #: B-5
 Date : 9/4/96 17:15
 Time of Injection: 9/4/96 16:41
 Low Point : 0.00 mV
 High Point : 400.00 mV
 Plot Scale: 400.0 mV



Chromatogram

Sample Name : DWS608F43-3 (500:1)

Sample #: B-6

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FileName : S:\GHP_04\0908\903B037.raw

Date : 9/4/96 16:34

Method : TPH04A

Time of Injection: 9/4/96 16:00

Start Time : 0.00 min

End Time : 33.65 min

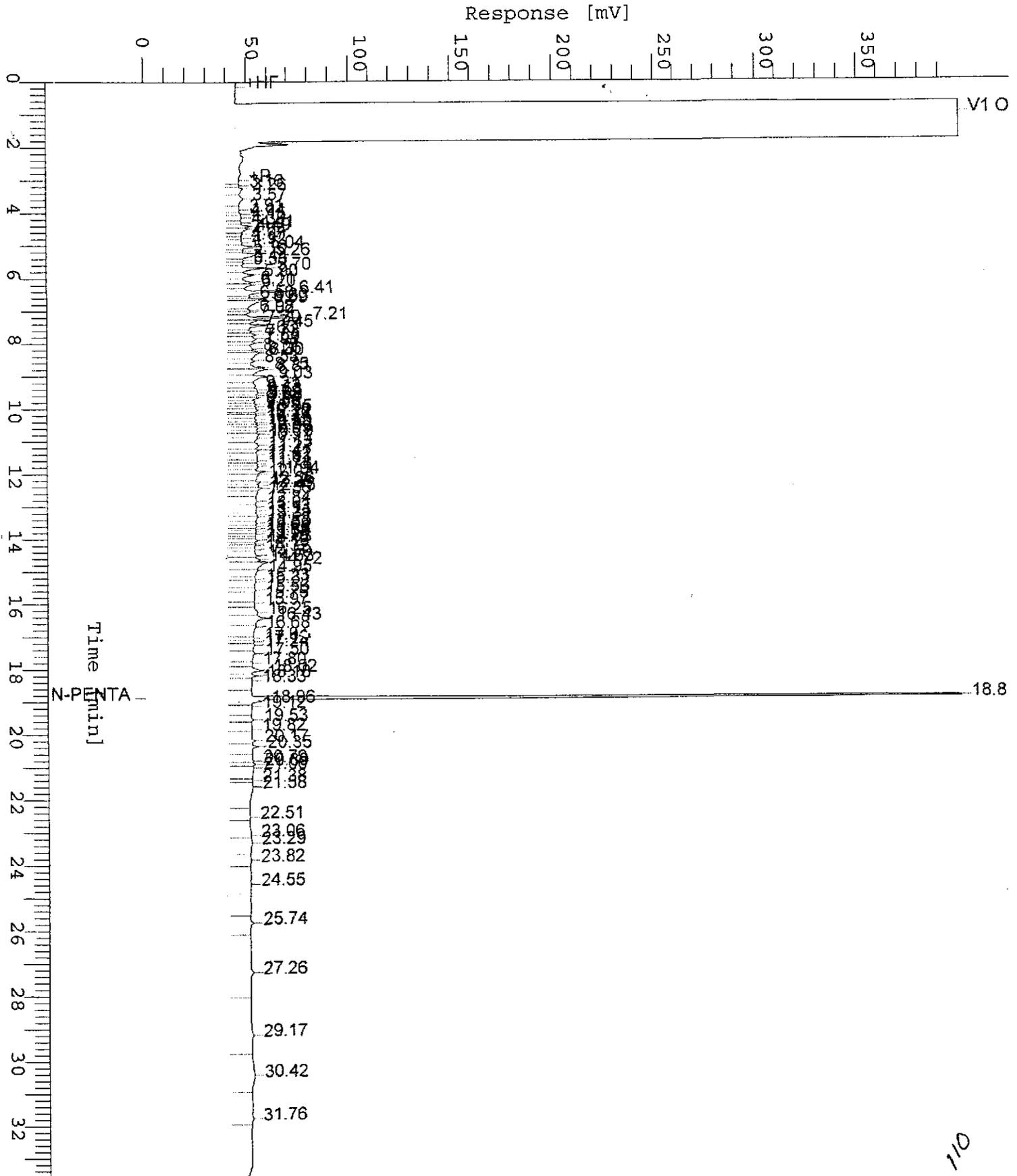
Low Point : 0.00 mV

High Point : 400.00 mV

Scale Factor: 0.0

Plot Offset: 0 mV

Plot Scale: 400.0 mV



Chromatogram

Sample Name : DW9608F43-4 (500:1)

Sample #: B-10

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FileName : S:\GHP_04\0908\903A046.raw

Date : 9/4/96 23:38

Method : TPH04A

Time of Injection: 9/4/96 23:05

Start Time : 0.00 min

End Time : 33.65 min

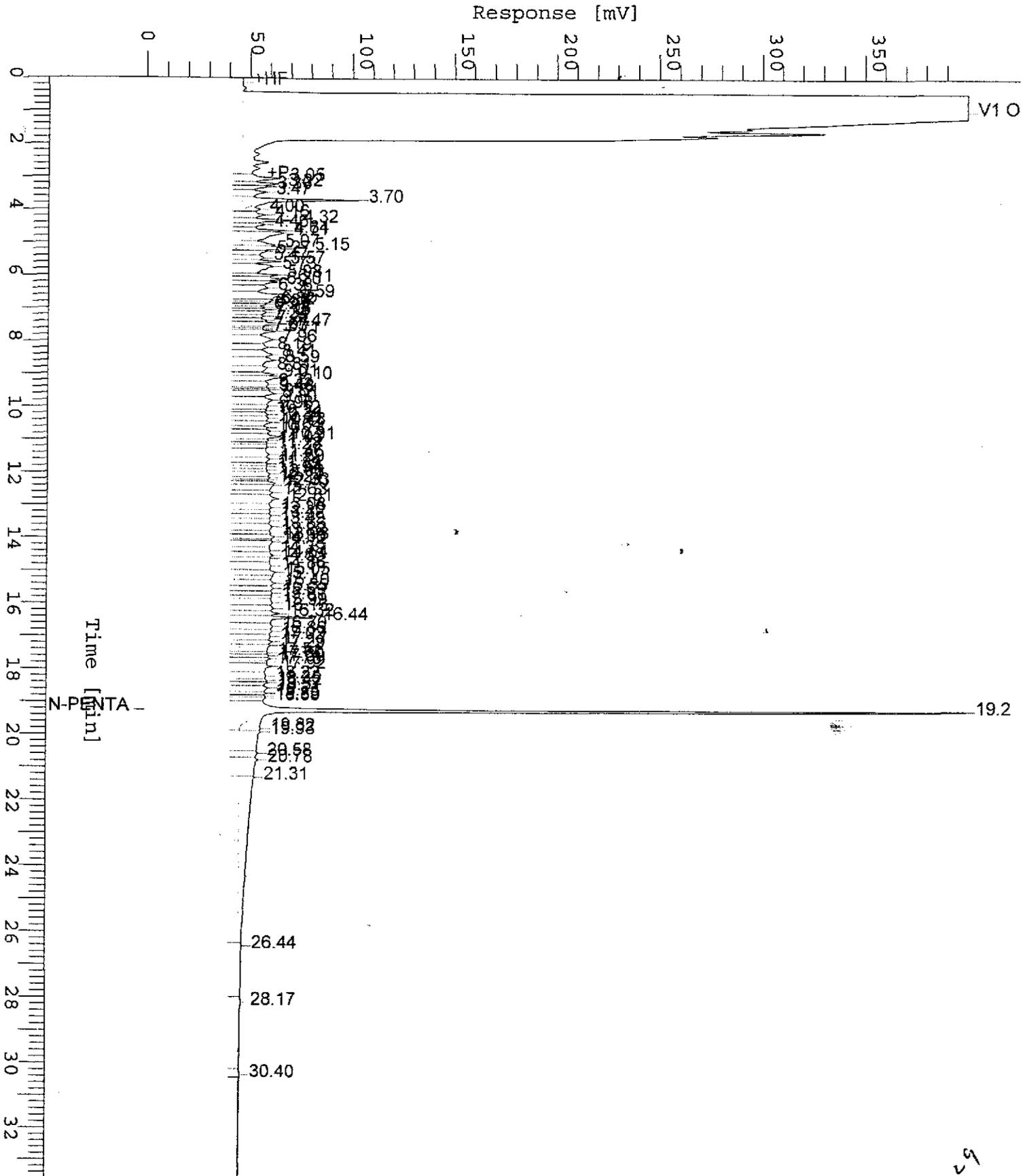
Low Point : 0.00 mV

High Point : 400.00 mV

Scale Factor: 0.0

Plot Offset: 0 mV

Plot Scale: 400.0 mV



621

Chromatogram

Sample Name : DW9608F43-5 (500:1)

Sample #: B-11

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FileName : S:\GHP_04\0908\903A045.raw

Date : 9/4/96 22:55

Method : TPH04A

Time of Injection: 9/4/96 22:21

Start Time : 0.00 min

End Time : 33.65 min

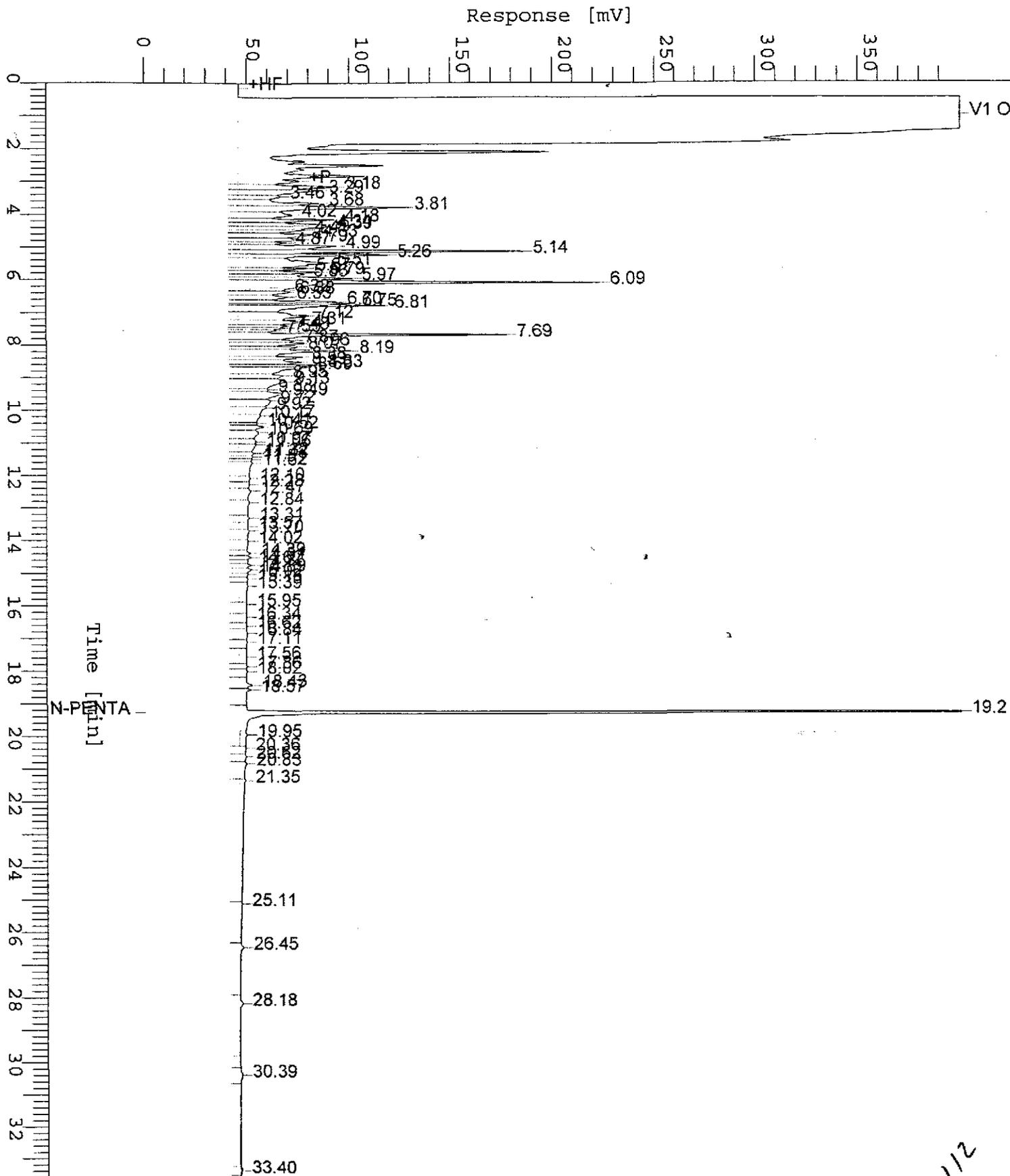
Low Point : 0.00 mV

High Point : 400.00 mV

Scale Factor: 0.0

Plot Offset: 0 mV

Plot Scale: 400.0 mV



2/1

Chromatogram

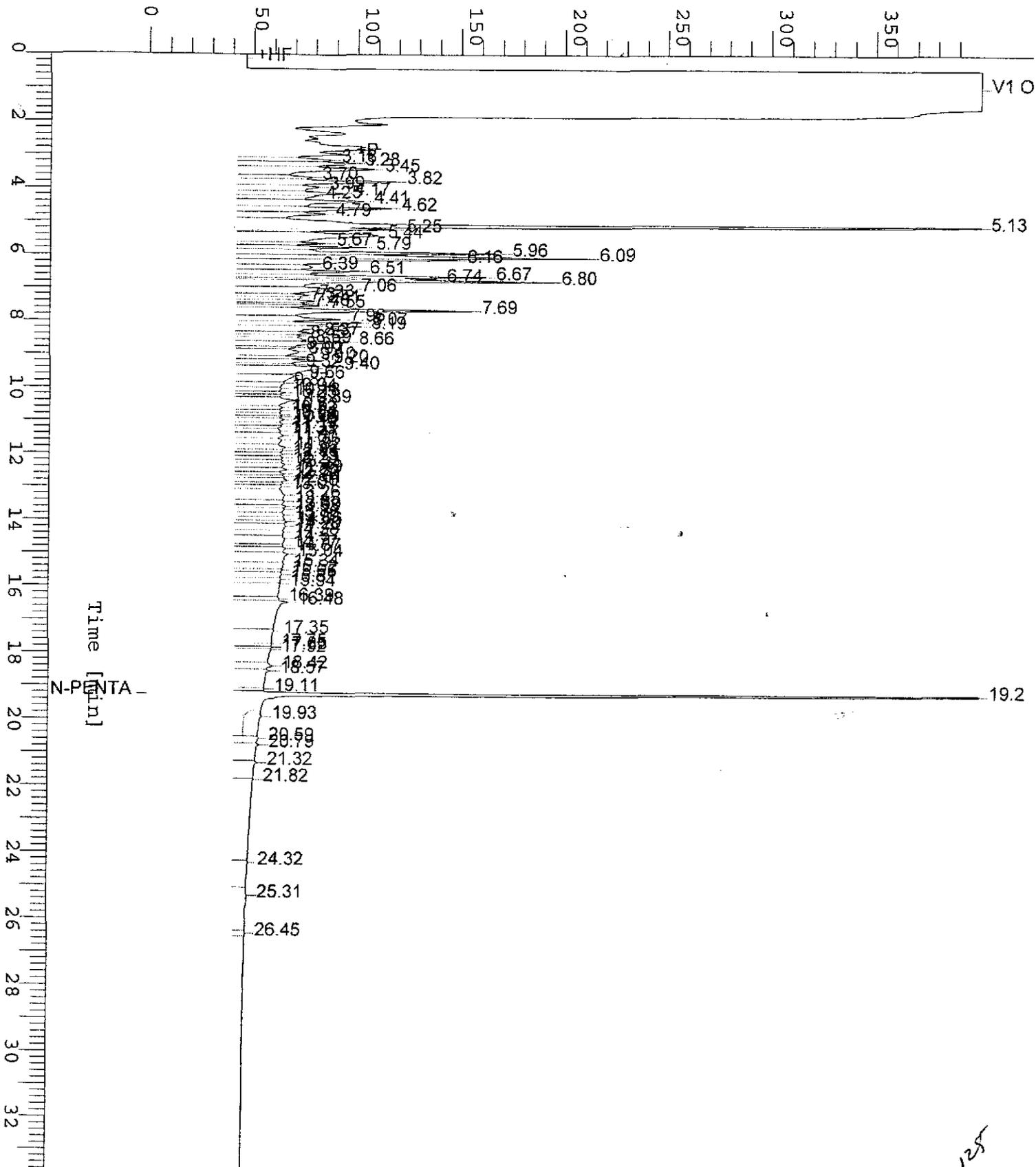
Sample Name : DW9608F43-6 (500:1)
FileName : S:\GHP_04\0908\903A044.raw
Method : TPH04A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 33.65 min
Plot Offset: 0 mV

Sample #: B-12
Date : 9/4/96 22:14
Time of Injection: 9/4/96 21:41
Low Point : 0.00 mV
Plot Scale: 400.0 mV
High Point : 400.00 mV

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Response [mV]



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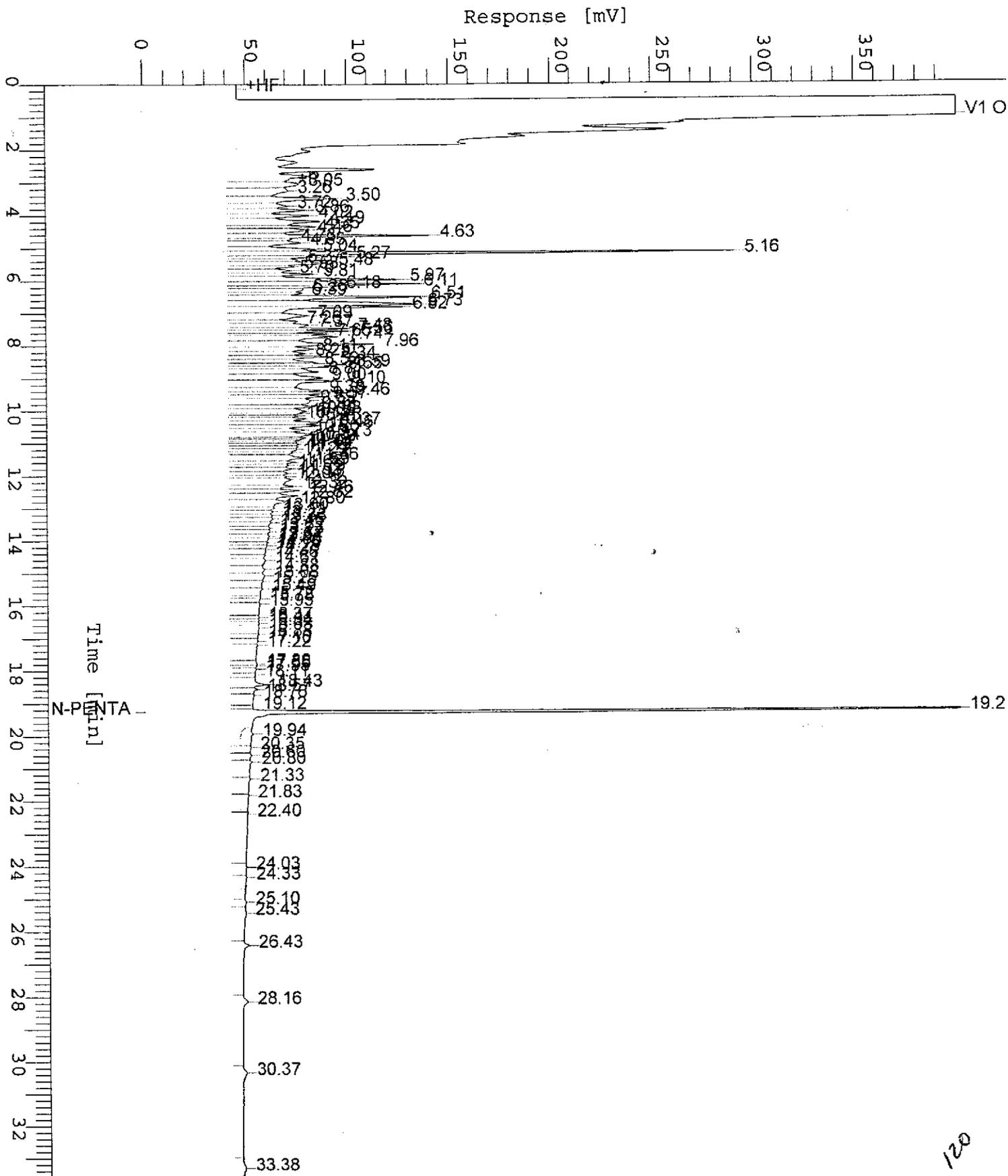
Chromatogram

Sample Name : DW9608F43-7 (500:1)
FileName : S:\GHP_04\0908\903A043A.raw
Method : TPH04A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 33.65 min
Plot Offset: 0 mV

Sample #: B-13
Date : 9/4/96 21:31
Time of Injection: 9/4/96 20:57
Low Point : 0.00 mV
Plot Scale: 400.0 mV
High Point : 400.00 mV

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