



MAY 23 1997  
**RECEIVED**  
ENVIRONMENTAL DIVISION

May 21, 1997

Project No. 95-113.22

Mr. John Prall  
Associate Environmental Scientist  
Port of Oakland  
530 Water Street  
Oakland, California 94607

**Groundwater Monitoring and Sampling Report**  
**801 Maritime Street**  
**Oakland, California**  
**(Work Order No. 202863)**

Dear Mr. Prall:

This Groundwater Monitoring and Sampling Report (Report) has been prepared by Innovative Technical Solutions, Inc. (ITSI) on behalf of the Port of Oakland for groundwater monitoring and sampling performed on March 25, 1997 at the 801 Maritime Street site in Oakland, California. A site location map is shown on Figure 1.

The scope of work included monitoring and sampling one groundwater monitoring well, MW-1. The monitoring well is located in the vicinity of three former underground storage tanks previously removed from the site in February 1989: two 10,000-gallon tanks (CF-06 and CF-35) and a 20,000-gallon tank (CF-07).

**SAMPLING OF MONITORING WELL**

The groundwater monitoring and sampling was performed on March 25, 1997. The monitoring well was initially gauged for depth to water and checked for the presence of separate phase hydrocarbons. No separate phase hydrocarbons were observed in the monitoring well. The depth to water measurement was recorded on a Monitoring Well Purge and Sample Form. A Copy of the Monitoring Well Purge and Sample Form is provided in Attachment A.

6/10/97 09:11:16  
T. J. ...



# PORT OF OAKLAND

May 27, 1997

Ms. Jennifer Eberle  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

**SUBJECT: FIRST QUARTER 1997,  
GROUNDWATER MONITORING AND SAMPLING REPORT  
801 MARITIME STREET  
OAKLAND, CALIFORNIA 94607  
STID #3780**

Dear Jennifer:

The Port of Oakland herein submits a report titled "Groundwater Monitoring and Sampling Report", dated February 12, 1997 prepared on the behalf of the Port by Innovative Technical Solutions Inc. The report addresses groundwater monitoring and sampling in March 1997 of a single monitoring well located at a former underground storage tank site designated by Alameda County as 801 Maritime Street

If you have any questions regarding the report, please contact me at 272-1373.

Sincerely,

John Prall, R.G.  
Associate Environmental Scientist

Enclosure  
cc: Neil Werner

91-031 532216

501 272-1100  
77 272-1172

After the depth to water measurement was recorded, the monitoring well was purged using a clean disposable bailer. Approximately three casing volumes of water were removed, or until pH, conductivity, and temperature readings stabilized indicating formation water had entered the monitoring well. Field parameters were recorded on the Monitoring Well Purge and Sample Form.

A groundwater sample was collected from the monitoring well using the disposable bailer and placed into laboratory provided containers. The sample containers were properly labeled with the sample number, date and time of collection, and samplers' initials, and were placed on ice in an insulated cooler. Purge water was stored onsite in a properly labeled drum.

The above field activities were performed in accordance with the site-specific Health and Safety Plan for groundwater monitoring activities at the site.

#### MONITORING WELL GROUNDWATER LEVEL

Depth to water data is summarized in Table 1. The groundwater elevation was calculated using the measured depth to water and survey elevation of top of casing, and is provided in Table 1. This survey used the Port of Oakland datum, which is 3.2 feet below mean sea level. Figure 2 shows the groundwater elevation.

The groundwater gradient for the site could not be determined this quarter, as monitoring activities could not be coordinated with monitoring activities performed by Alisto Engineering Group at the nearby Berth 24 facility.

#### LABORATORY ANALYSIS OF GROUNDWATER SAMPLE

The sample was sent under chain-of-custody procedures to Pace Analytical in Petaluma, California, the current Port of Oakland contract laboratory. The samples were analyzed according to the following schedule:

Monitoring Well I.D.	Analyses			
	TPHg <sup>(1)</sup>	BTEX <sup>(2)</sup>	TPHd <sup>(3)</sup>	TDS <sup>(4)</sup>
MW-1	x	x	x	x

<sup>(1)</sup>TPH as gasoline by Modified EPA Method 8015.

<sup>(2)</sup>Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 602.

<sup>(3)</sup>TPH as diesel by Modified EPA Method 8015 with silica gel cleanup procedure.

<sup>(4)</sup>Total dissolved solids by EPA Method 160.1.

The laboratory results for the groundwater sample are summarized in Table 2, and shown in Figure 2. Copies of the laboratory results, chromatograms and chain-of-custody are provided in Attachment B

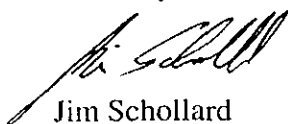
## FINDINGS

Results of the March 25, 1997 groundwater monitoring and sampling of MW-1 are summarized below:

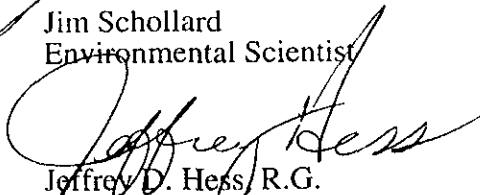
- TPHg was reported at a concentration of 180 µg/l.
- Benzene, toluene, ethylbenzene and xylenes were reported at concentrations of 21, 11, 4.0 and 17 µg/l, respectively.
- TPHd was reported at a concentration of 190 µg/l.
- TDS was reported at a concentration of 1,840 mg/l.

Please give us a call if you have any questions or comments.

Sincerely,



Jim Schollard  
Environmental Scientist



Jeffrey D. Hess, R.G.  
Project Director

Attachments

**TABLE 1**

**GROUNDWATER ELEVATIONS  
801 MARITIME STREET  
OAKLAND, CALIFORNIA**

Monitoring Well ID	Elevation of Top of Casing (feet)	Date of Monitoring	Measured Depth to Water (feet)	Product Thickness (feet)	Groundwater Elevation (feet)	Note
MW-1	10.61	07/10/96	7.36	-	3.25	1
		12/27/96	7.55	-	3.06	
		03/25/97	7.31	-	3.30	

1. Data from Table 2, Summary of Results of Groundwater Sampling, Port of Oakland Tanks CF-06, CF-07, and CF-35, 801 Maritime Street, Oakland, California, dated August 7, 1996, by Alisto Engineering Group.

TABLE 2

**SUMMARY OF LABORATORY RESULTS  
801 MARITIME STREET  
OAKLAND, CALIFORNIA**

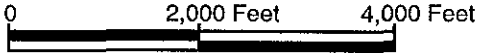
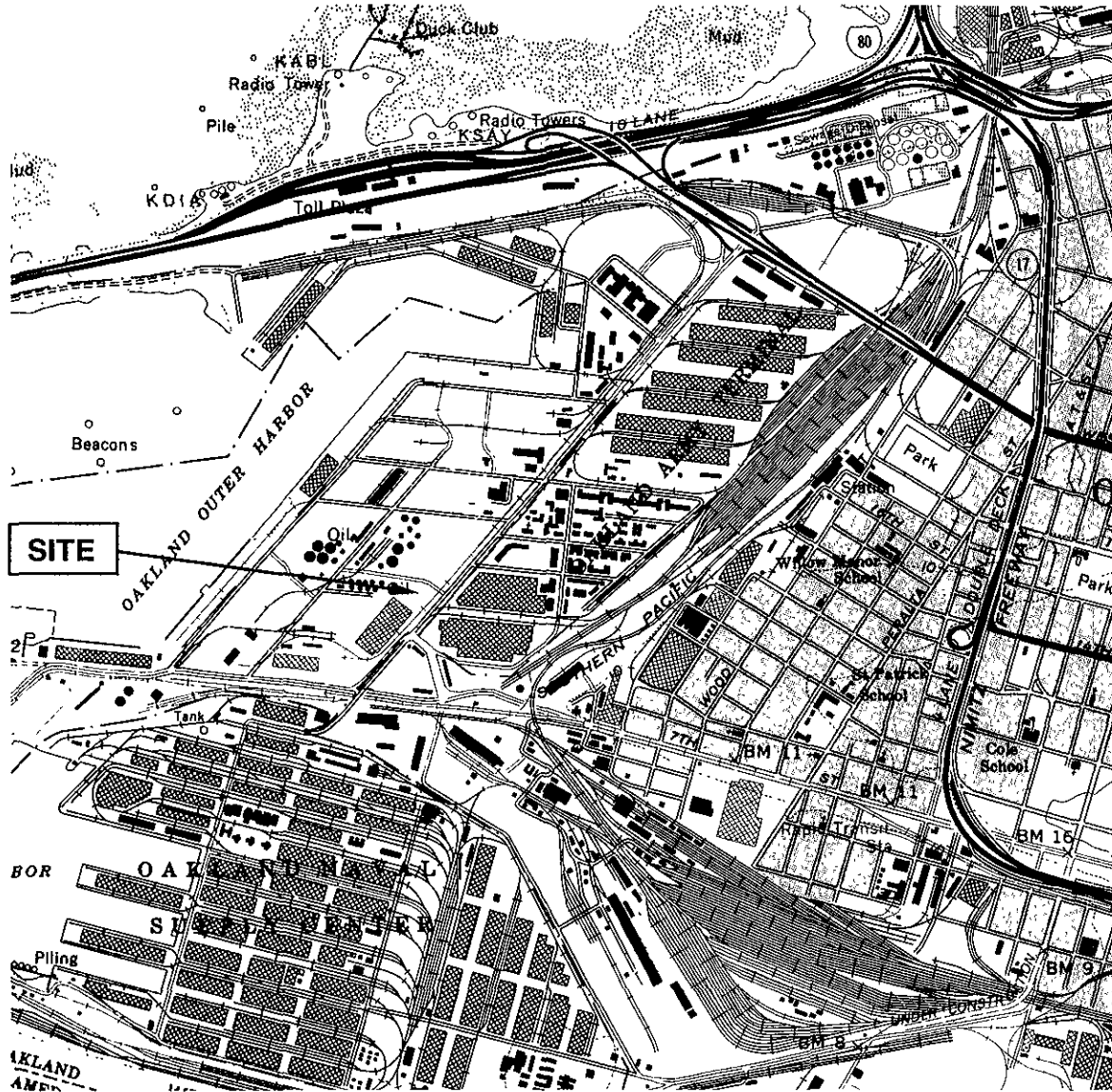
Monitoring Well ID	Date of Sampling	TPHg (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	TPHd (µg/l)	TDS (mg/l)	Note
MW-1	07/10/96	180	27	14	5.4	23	7,100	-	1
	12/27/96	180	30	15	5.8	26	670		
	03/25/97	180	21	11	4.0	17	190	1,840	

1. Data from Table 2, Summary of Results of Groundwater Sampling, Port of Oakland Tanks CF-06, CF-07, and CF-35, 801 Maritime Street, Oakland, California, dated August 7, 1996, by Alisto Engineering Group.

TPHg = Total petroleum hydrocarbons (TPH) as gasoline.

TPHd = TPH as diesel.

TDS = Total Dissolved Solids



Approximate Scale

**FIGURE 1**  
**SITE LOCATION**

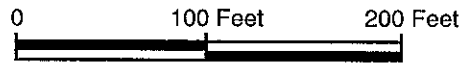
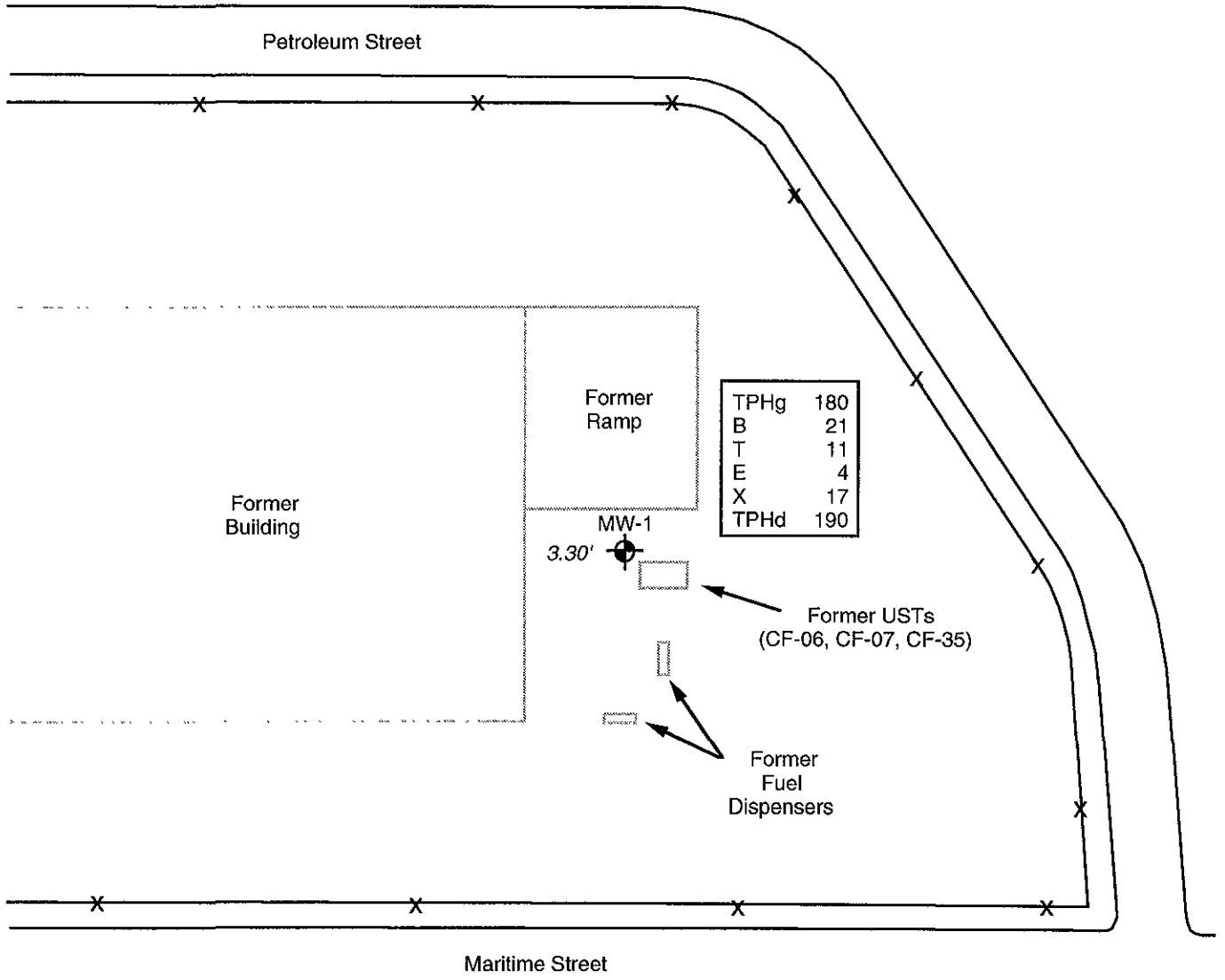
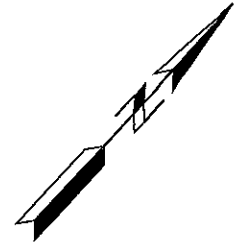
801 Maritime Street  
 Oakland, California



**PORT OF OAKLAND**


**INNOVATIVE TECHNICAL SOLUTIONS, INC.**

Source: Oakland West 7.5-minute U.S.G.S. Quadrangle, dated 1959, and photorevised in 1980.



Approximate Scale

Legend

-  Monitoring Well
- 3.3' Groundwater elevation (in feet)
- TPHg TPH as gasoline (in  $\mu\text{g/L}$ )
- BTEX Benzene, toluene, ethylbenzene, xylenes (in  $\mu\text{g/L}$ )
- TPHd TPH as diesel (in  $\mu\text{g/L}$ )

**FIGURE 2**

**LABORATORY RESULTS FOR PETROLEUM HYDROCARBONS (MARCH 25, 1997)**

801 Maritime Street  
Oakland, California



**PORT OF OAKLAND**

**INNOVATIVE TECHNICAL SOLUTIONS, INC.**

Source: Adapted from Figure 2, Site Plan, 801 Maritime Street, Aliso Engineering Group, August 7, 1996



**ATTACHMENT A**  
**COPY OF MONITORING WELL PURGE AND SAMPLE FORM**

# MONITORING WELL PURGE AND SAMPLE FORM

PROJECT NAME Port of Oakland - 801 Maritime PROJECT NO. 95-113.22  
 WELL NO. MW-1 TESTED BY: J. Schollard DATE: 3/25/97

Measuring Point Description: 1st mark, T.O.C. Static Water Level (ft.): 7.31  
 Total Well Depth (ft.): 14.69 Sample Method: 2' disposable bailer  
 Water Level Measurement Method: Solinst DTW probe Time Sampled: 1155 + 1200 (QC-1)  
 Purge Method: 2" disposable bailer Sample Depth (ft.): ~7.5-14'  
 Time Start Purge: 1131 Field Filtering: N/A  
 Time End Purge: 1140 Field Preservation: Blue ice

Comments: DTB = soft (sediments present); collected QC-1 duplicate  
Sample from MW-1 @ 1200

Well Volume Calculation (fill in before purging)	Total Depth (ft)	Depth to Water (ft)	Water Column (ft)	Multiplier for Casing Diameter (in)			Casing Volume (gal)
				2	4	6	
	14.69	7.31	7.38	2 0.16	4 0.64	6 1.44	1.18 (3 vols = 3.54)
Time	1134	1137	1140				
Volume Purged (gals)	1.25	1.25	1.25				
Cumulative Volume Purged (gals)	1.25	2.50	3.75				
Cumulative Number of Casing Volumes	1.06	2.12	3.18				
Purge Rate (gpm)	0.4	0.4	0.4				
Temperature (°F) or (°C)	71.8	67.8	68.8				
pH	8.66	9.13	9.16				
Specific Conductivity (µmhos/cm) x1000	4.56	4.38	4.71				
Dissolved Oxygen (mg/L)	N/A	→	→				
Turbidity/Color (NTU)	clear	Lt. olive grey	→				
Odor	None	→	→				
Dewatered?	No	→	→				

J. Schollard  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**ATTACHMENT B**  
**COPY OF LABORATORY REPORTS, CHROMATOGRAMS AND**  
**CHAIN-OF-CUSTODY FORM**  
**FOR GROUNDWATER SAMPLE**

# Pace Analytical

Pace Analytical Services, Inc  
1455 McDowell Blvd North, Suite D  
Petaluma, CA 94954

Tel 707-792-1865

Fax 707-792-0342

April 01, 1997

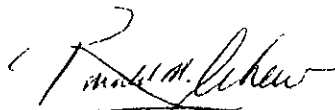
Mr. Jim Schollard  
Innovative Technical Solutions  
1330 Broadway, Suite 1625  
Oakland, CA 94612

RE: Pace Project Number: 708002  
Client Project ID: PORT OF OAKLAND/202863

Dear Mr. Schollard:

Enclosed are the results of analyses for sample(s) received on March 25, 1997. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Ron Chew  
Project Manager

CA ELAP Certificate Number 2059

Enclosures

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
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# Pace Analytical

Pace Analytical Services, Inc  
1455 McDowell Blvd North, Suite D  
Petaluma, CA 94954

Tel: 707-792-1865

Fax: 707-792-0342

DATE: 04/01/97

PAGE: 1

Innovative Technical Solutions  
1330 Broadway, Suite 1625  
Oakland, CA 94612

Pace Project Number: 708002  
Client Project ID: PORT OF OAKLAND/202863

Attn: Mr. Jim Schollard  
Phone: (510)286-8888

Pace Sample No: 70927991 Date Collected: 03/25/97  
Client Sample ID: TRIP BLANK Date Received: 03/25/97

Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CAS#	Footnotes
GC -- Volatiles								
GAS/BTEX, Water								
Gasoline	ND	ug/L	50	03/28/97	EPA 8015M/8020M	ADS		
Benzene	ND	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	71-43-2	
Toluene	ND	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	108-88-3	
Ethylbenzene	ND	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	100-41-4	
Xylene (Total)	ND	ug/L	1	03/28/97	EPA 8015M/8020M	ADS	1330-20-7	
a,a,a-Trifluorotoluene (S)	105	%		03/28/97	EPA 8015M/8020M	ADS	2164-17-2	
4-Bromofluorobenzene (S)	100	%		03/28/97	EPA 8015M/8020M	ADS	460 00-4	

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# Pace Analytical

Pace Analytical Services, Inc  
1455 McDowell Blvd North, Suite D  
Petaluma, CA 94954

Tel. 707-792-1865

Fax 707-792-0342

DATE: 04/01/97

PAGE: 2

Pace Project Number: 708002

Client Project ID: PORT OF OAKLAND/202863

Pace Sample No: 70928007 Date Collected: 03/25/97  
Client Sample ID: MW-1 Date Received: 03/25/97

Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CAS#	Footnotes
GC -- Volatiles								
GAS/BTEX, Water								
Gasoline	180	ug/L	50	03/28/97	EPA 8015M/8020M	ADS		
Benzene	21	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	71-43-2	
Toluene	11	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	108-88-3	
Ethylbenzene	4.0	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	100-41-4	
Xylene (Total)	17	ug/L	1	03/28/97	EPA 8015M/8020M	ADS	1330-20-7	
a,a,a-Trifluorotoluene (S)	103	%		03/28/97	EPA 8015M/8020M	ADS	2164-17-2	
4-Bromofluorobenzene (S)	101	%		03/28/97	EPA 8015M/8020M	ADS	460-00-4	

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# Pace Analytical

Pace Analytical Services inc  
1455 McDowell Blvd North, Suite D  
Petaluma, CA 94954

Tel: 707-792-1865

Fax: 707-792-0342

DATE: 04/01/97

PAGE: 3

Pace Project Number: 708002

Client Project ID: PORT OF OAKLAND/202863

Pace Sample No: 70928015  
Client Sample ID: MW-1

Date Collected: 03/25/97  
Date Received: 03/25/97

Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CAS#	Footnotes
Wet Chemistry								
Total Dissolved Solids								
Total Dissolved Solids	1840	mg/L	5	03/29/97	EPA 160.1	ALK		
GC -- Sem-VDA								
TPH by 8015M w/ silica gel								
Diesel Fuel	0.19	mg/L	0.05	03/31/97	EPA 8015M w/ SG	PAA	11-84-7	1
n-Pentacosane (S)	72	x		03/31/97	EPA 8015M w/ SG	PAA	629-99-2	
Date Extracted				03/28/97				

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# Pace Analytical

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1455 McDowell Blvd. North, Suite D  
Petaluma, CA 94954

Tel: 707-792-1865  
Fax: 707-792-0342  
DATE: 04/01/97  
PAGE: 4

Pace Project Number: 708002  
Client Project ID: PORT OF OAKLAND/202863

Pace Sample No:	70928080	Date Collected:	03/25/97					
Client Sample ID:	QC-1	Date Received:	03/25/97					
Parameters	Results	Units	PRL	Analyzed	Method	Analyst	CAS#	Footnotes
GC -- Volatiles								
GAS/BTEX, Water								
Gasoline	180	ug/L	50	03/28/97	EPA 8015M/8020M	ADS		
Benzene	21	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	71-43-2	
Toluene	11	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	108-88-3	
Ethylbenzene	3.9	ug/L	0.5	03/28/97	EPA 8015M/8020M	ADS	100-41-4	
Xylene (Total)	17	ug/L	1	03/28/97	EPA 8015M/8020M	ADS	1330-20-7	
a,a,a-Trifluorotoluene (S)	104	x		03/28/97	EPA 8015M/8020M	ADS	2164-17-2	
4-Bromofluorobenzene (S)	101	x		03/28/97	EPA 8015M/8020M	ADS	460-00-4	
GC -- Semi-VOA								
TPH by 8015M w/ silica gel								
Diesel Fuel	0.13	mg/L	0.05	03/31/97	EPA 8015M w/ SG	PAA	11-84-7	1
n-Pentacosane (S)	52	x		03/31/97	EPA 8015M w/ SG	PAA	629-99-2	
Date Extracted				03/28/97				

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Pace Project Number: 708002  
Client Project ID: PORT OF OAKLAND/202863

---

## PARAMETER FOOTNOTES

ND Not Detected  
NC Not Calculable  
PRL Pace Reporting Limit  
(S) Surrogate  
[1] Hydrocarbons present do not match profile of laboratory standard.

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Innovative Technical Solutions  
 1330 Broadway, Suite 1625  
 Oakland, CA 94612

Pace Project Number: 708002  
 Client Project ID: PORT OF OAKLAND/262863

Attn: Mr. Jim Schollard  
 Phone: (510)286-8888

QC Batch ID: 22657                      QC Batch Method: EPA 8015M/8020M  
 Analysis Method: EPA 8015M/8020M      Analysis Description: GAS/BTEX, Water  
 Associated Pace Samples:              70927991      70928007      70928080

METHOD BLANK: 70930284

Associated Pace Samples:

Parameter	Units	70927991	70928007	70928080	Footnotes
			Method Blank Result	PRL	
Gasoline	ug/L		ND	50	
Benzene	ug/L		ND	0.5	
Toluene	ug/L		ND	0.5	
Ethylbenzene	ug/L		ND	0.5	
Xylene (Total)	ug/L		ND	1	
a.a.a-Trifluorotoluene (S)	%		96		
4-Bromofluorobenzene (S)	%		91		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 70930292 70930300

Parameter	Units	70925250		Matrix		Matrix		Spike		Footnotes
		Conc.	Spike	Spike	Spike	Sp. Dup.	Dup	RPD		
Benzene	ug/L	0	100	94.28	94.3	98.52	98.5	4		
Toluene	ug/L	0.1447	100	97.46	97.3	99.38	99.2	2		
Ethylbenzene	ug/L	0	100	96.34	96.3	97.40	97.4	1		
Xylene (Total)	ug/L	0.4707	300	295.6	98.4	300.0	99.8	1		
a.a.a-Trifluorotoluene (S)					105		107			
4-Bromofluorobenzene (S)					110		111			

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Pace Project Number: 708002

Client Project ID: PORT OF OAKLAND/262863

LABORATORY CONTROL SAMPLE & LCSD: 70930318		70930326				Spike		
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Dup % Rec	RPD	Footnotes
Benzene	ug/L	100	94.65	94.7	97.51	97.5	3	
Toluene	ug/L	100	97.20	97.2	99.59	99.6	2	
Ethylbenzene	ug/L	100	95.68	95.7	97.71	97.7	2	
Xylene (Total)	ug/L	300	293.9	98.0	301.3	100	2	
a,a,a-Trifluorotoluene (S)				103		105		
4-Bromofluorobenzene (S)				105		108		

## REPORT OF LABORATORY ANALYSIS

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# Pace Analytical

Pace Analytical Services, Inc  
 1455 McDowell Blvd North, Suite D  
 Petaluma, CA 94954

## QUALITY CONTROL DATA

Tel 707-792 1865  
 DATE: 04/01/99 707-792 0342  
 PAGE 8

Innovative Technical Solutions  
 1330 Broadway, Suite 1625  
 Oakland, CA 94612

Pace Project Number: 708002  
 Client Project ID: PORT OF OAKLAND/202863

Attn: Mr. Jim Schollard  
 Phone: (510)286-8888

QC Batch ID: 22663                      QC Batch Method: EPA 3520  
 Analysis Method: EPA 8015M w/ SG      Analysis Description: TPH by 8015M w/ silica gel  
 Associated Pace Samples:              70928015      70928080

METHOD BLANK: 70930623  
 Associated Pace Samples:

Parameter	Units	70928015	70928080	PRL	Footnotes
			Method Blank Result		
Diesel fuel	mg/L		ND	0.05	
n-Pentacosane (S)	%		61		

LABORATORY CONTROL SAMPLE & LCSD: 70930631 70930649

Parameter	Units	Spike LCS		Spike LCSD		Spike Dup		Footnotes
		Conc.	Result	% Rec	Result	% Rec	RPD	
Diesel Fuel	mg/L	1.0	0.3521	35.2	0.3063	30.6	14	
n-Pentacosane (S)				57		51		

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# Pace Analytical

Pace Analytical Services, Inc  
1455 McDowell Blvd North, Suite D  
Petaluma, CA 94954

Tel 707-792-1865

Fax: 707-792-0342

DATE: 04/01/97

PAGE: 9

## QUALITY CONTROL DATA

Innovative Technical Solutions  
1330 Broadway . Suite 1625  
Oakland, CA 94612

Pace Project Number. 708002  
Client Project ID: PORT OF OAKLAND/202863

Attn: Mr. Jim Schollard  
Phone: (510)286-8888

QC Batch ID: 22690  
Analysis Method: EPA 160.1  
Associated Pace Samples: 70928015

QC Batch Method: EPA 160.1  
Analysis Description: Total Dissolved Solids

METHOD BLANK: 70931811  
Associated Pace Samples:

70928015

Parameter	Units	Method Blank Result	PRL	Footnotes
total Dissolved Solids	mg/L	ND	5	

SAMPLE DUPLICATE: 70931829

Parameter	Units	70928015	Dup. Result	RPD	Footnotes
Total Dissolved Solids	mg/L	1840	1910	4	

## REPORT OF LABORATORY ANALYSIS

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# Pace Analytical

Pace Analytical Services, Inc  
1455 McDowell Blvd. North, Suite D  
Petaluma, CA 94954

Tel 707-792-1865  
DATE: 04/01/99 707-792-0342  
PAGE: 10

Pace Project Number: 708002  
Client Project ID: PORT OF OAKLAND/202863

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## QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate

## REPORT OF LABORATORY ANALYSIS

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INNOVATIVE TECHNICAL SOLUTIONS, Inc.



2855 Mitchell Drive, Suite 118  
Walnut Creek, California 94598  
(510) 256-8898 (Tel), (510) 256-8998 (Fax)

7108002

PROJECT NAME: Port of Oakland - 801 Maritime Dr.  
PROJECT NUMBER: 95-113-22  
SITE LOCATION: 801 Maritime Dr., Oakland CA

CHAIN OF CUSTODY

DATE: 3/25/97  
PAGE: 1 of 1

SAMPLE I.D.	SAMPLE DEPTH	DATE	TIME	NUMBER OF CONTAINERS	TYPE OF CONTAINERS	SAMPLE MATRIX	ANALYSIS												SPECIAL INSTRUCTIONS/COMMENTS
							TPH as Gas/BTEX - 8015/8020	TPH as Diesel - 8015	TPH as Diesel - 8015 (w/ Silica Gel Cleanup)	TEPH - 8015	TEPH-8015 (w/ Silica Gel Cleanup)	TRPH - 418 I	Oil and Grease - 5520	Purgeable Halocarbons - 601/8010	VOCs - 624/ 8240	SVOCs - 625/8270	LUFT Metals (Cd, Cr, Ni, Pb, Zn)	CAM 17 Metals	
Trip Blank	--	<u>3/25/97</u>	--	<u>2</u>	<u>VOCs</u>	<u>W</u>	X												<p>PACE Analytical Petaluma, CA</p> <p>Work Order # 202863</p> <p>70927991 70928007 70928015 ↓ 70928080 ↓</p> <p>COOLER CUSTODY SEALS INTACT <input type="checkbox"/> NOT INTACT <input checked="" type="checkbox"/></p> <p>COOLER TEMPERATURE <u>4</u> °C</p>
MW-1	--		<u>1155</u>	<u>3</u>	<u>VOCs</u>	<u>W</u>	X												
	--		↓	<u>2</u>	<u>12A</u>	<u>W</u>		X											
	--		↓	<u>1</u>	<u>250ml Plast.</u>	<u>W</u>									X				
QC-1	--		--	<u>3</u>	<u>VOCs</u>	<u>W</u>	X												
	--			<u>2</u>	<u>12A</u>	<u>W</u>		X											
Not Used (JS) 3/25/97																			
TOTAL NUMBER OF CONTAINERS				<u>13</u>	TOTAL TESTS	<u>3</u>	<u>2</u>										<u>1</u>		

SAMPLED BY: Jim Schollard  
SIGNATURE: [Signature]

SPECIAL INSTRUCTIONS/COMMENTS:  
Please send chromatograms w/ TPH analytical results

RELINQUISHED BY: Jim Schollard  
Printed Name: ITSI, Signature: [Signature], Date and Time: 3/25/97 @ 14:28  
Company: ITSI, Date and Time: 3/25/97 14:28

RECEIVED BY: Vito  
Printed Name: Pace, Signature: [Signature], Date and Time: 3/25/97 14:28  
Company: Pace, Date and Time: 3/25/97 14:28

RELINQUISHED BY: [Signature]  
Printed Name: Pace, Signature: [Signature], Date and Time: 3/25/17:30  
Company: Pace, Date and Time: 3/25/17:30

RECEIVED BY: GAIL HERRMAN  
Printed Name: PASI, Signature: [Signature], Date and Time: 3/25 17:30  
Company: PASI, Date and Time: 3/25 17:30

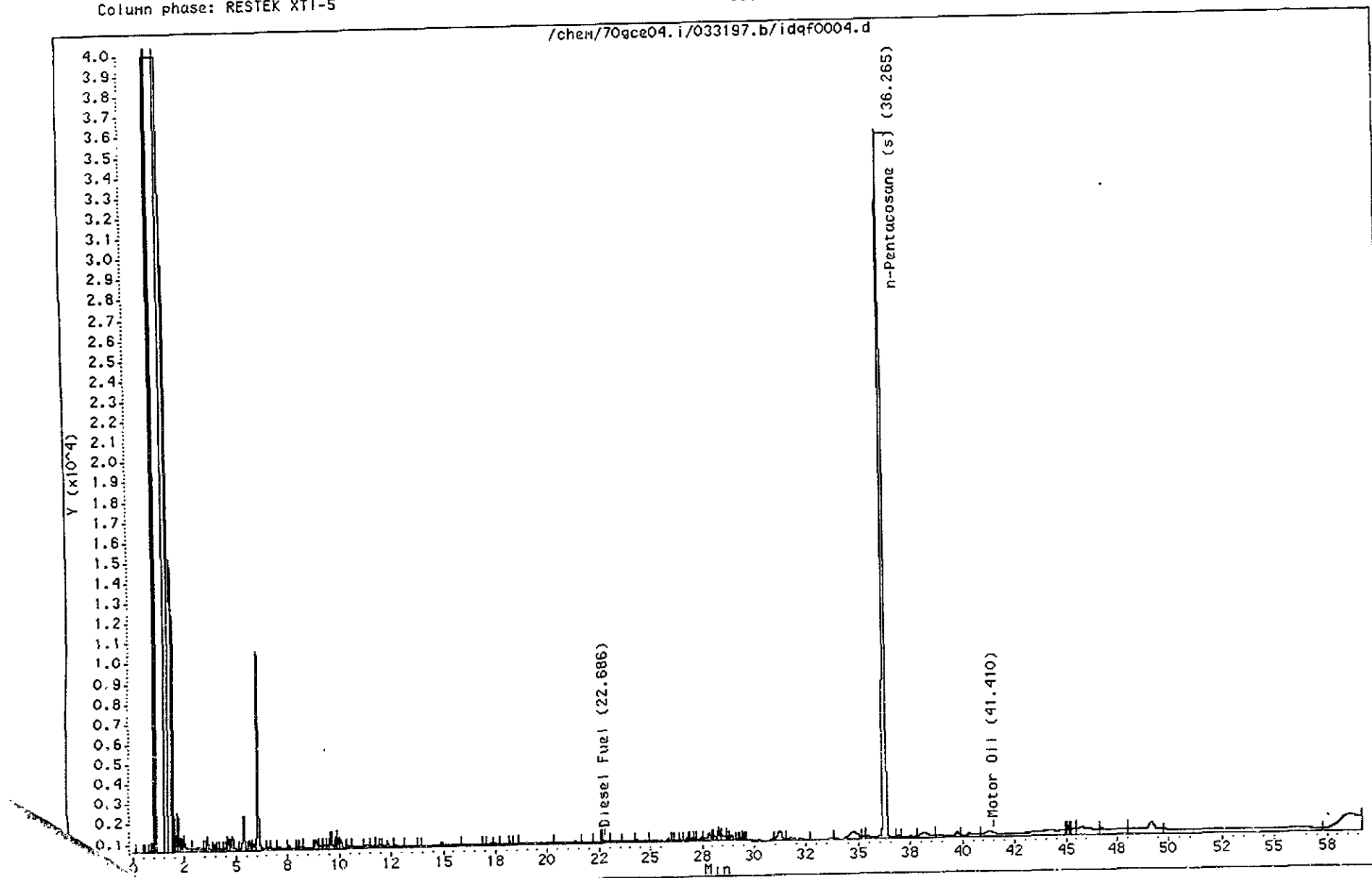
RELINQUISHED BY: \_\_\_\_\_  
Printed Name \_\_\_\_\_ Signature \_\_\_\_\_  
Date and Time \_\_\_\_\_

RECEIVED BY: \_\_\_\_\_  
Printed Name \_\_\_\_\_ Signature \_\_\_\_\_  
Date and Time \_\_\_\_\_

SEND RESULTS TO: Jim Schollard, 1330 Broadway, Suite 1625, Oakland CA 94612

Data File: /chem/70gce04.i/033197.b/idqf0004.d  
Date: 31-MAR-1997 16:10  
Client ID: BLK01  
Lab Sample ID: 70930623  
Volume Injected (uL): 1.0  
Column phase: RESTEK XT1-5

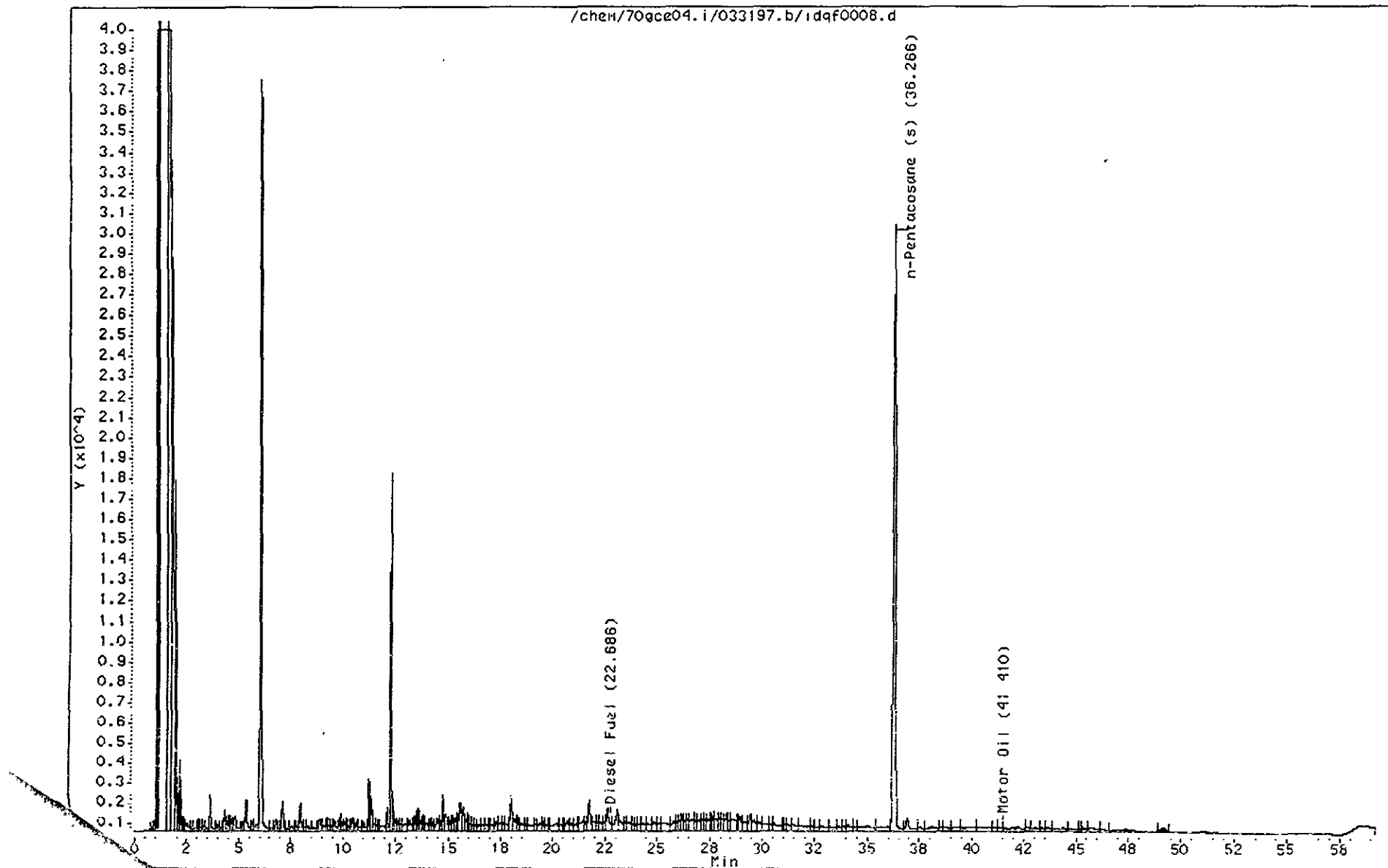
Instrument: 70gce04.i  
Misc Info: 70930623,,1,22663,1,3,,BLANK,,,dnof.sub,dnor.sub,  
Operator: PAA  
Column diameter: 0.53





Data File: /chem/70gce04.i/033197.b/idqf0008.d  
Date : 31-MAR-1997 20:37  
Client ID: QC-1  
Lab Sample ID: 70928080  
Volume Injected (uL): 1.0  
Column phase: RESTEK XT1-5

Instrument: 70gce04.i  
Misc Info: 70928080,,,22663,1,0,,SMPL,,,dmof.sub,dmor.sub,  
Operator: PAR  
Column diameter: 0.53



Data File: /chen/70gce04.1/033197.b/ldqf0007.d  
Date : 31-MAR-1997 19:30  
Client ID: MW-1  
Lab Sample ID: 70928015  
Volume Injected (uL): 1.0  
Column phase: RESTEK XT1-5

Instrument: 70gce04.i  
Misc Info: 70928015,,,22663,1,0,,SMPL,,,dnof.sub,dnor.sub,  
Operator: PAA  
Column diameter: 0.53

