KLEINFELDER

FILE COPY

January 19, 1988
File: 10-1782-01

Mr. Bob Stoltz
Chevron U.S.A.
1 Annabel Lane, Suite 200
San Ramon, CA 94583

SUBJECT: Addendum to Final Report: Subsurface Environmental Investigation Chevron Service Station #7127, South Grant Line Road, Tracy, CA

Dear Bob:

The enclosed information addresses issues we discussed regarding additional sampling work performed at the Chevron site in Tracy, California. You will find attached several items, including:

1. Information obtained during the reconnaissance of other wells in the project area
2. Results of chemical analyses of the additional water samples collected from the onsite domestic well
3. Information obtained from discussion with the Alameda County Health Department and Flood Control District, Zone 7
4. Additional service request for your formal authorization to complete these added services and also upcoming services. These include the dismantling of the onsite domestic well head for access to well water for sampling to be performed on 1-20-88 as requested.

As per your request, Kleinfelder visited the site to obtain another set of water samples which were split between two laboratories, Med-Tox Associates and Clayton Environmental. Their analytical results confirmed the presence of benzene in the samples at concentrations of 1.0 to 1.1 ppb benzene. This work was done on a rush basis as requested. The laboratory results are attached at the end of this transmittal along with the laboratory QA/QC data.

ADDITIONAL AUTHORIZATION

the attached supplemental authorization request form will need to be signed and returned to Kleinfelder to document the verbal authorization you made for the additional services as outlined on the form. Reporting of the information obtained per your request as soon as possible will assist us greatly when invoices are sent to your accounting department. All work performed beyond the original scope of work will be billed on a time and materials basis per the Master Contract fees.

(9)R88011

CONFIRMATION SAMPLING

Per the request of Chevron, Kleinfelder personnel visited the site in Tracy on January 8, 1988 to collect additional water samples from a water tap onsite. The tap sampled was located immediately adjacent to the onsite domestic well head. Water was purged from this tap for approximately 25 minutes prior to sample collection in duplicate sets of 40 ml glass VOA vials. The samples collected were placed in refrigerated storage for transport to the analytical laboratories. The samples collected were split between two laboratories, Med-Tox Associates and Clayton Environmental and analyzed for purgeable aromatic hydrocarbons using EPA Test Method 602. As presented earlier, the results of these analyses indicated the presence of benzene at between 1 ppb (Med-Tox) and 1.1 ppb (Clayton). The laboratory reports are attached at the back of this letter along with the laboratory QA/QC reports provided.

DOMESTIC WELL RECONNAISSANCE

An interview with the adjacent property owner, Mr. Joseph Jess, indicated that there was only one other well within the small geographic basin in which the Chevron property is located. This well is approximately 300 yards uphill and upgradient from the Chevron site and is currently not being used as a water source. According to Mr. Jess, the well was severely damaged during the 1980 earthquake which occurred along the Greenville Fault in Livermore. In addition it was noted that Mr. Jess stated that he acquired access to the well located on the Chevron property via a prior station manager or owner approval and used the water prior to the destruction of the other upgradient well. Mr. Jess added that it was his belief that, due to the length of time which he has used the water from the well on the Chevron property,he now has legal access. Kleinfelder did not pursue the legal ramifications of this water rights issue.

Based upon a review of well permit records at the Alameda County Flood Control and Water Conservation District (Zone 7), there appears to be only one other well in the area which is located approximately 1/2 mile southeast of the site off of Midway Road. Geographically, this well is located on the opposite side of a hill southeast of the Chevron property. It was noted that the well located at the Chevron property was not known to have been permitted, although record of its existence was documented by Zone 7 in December 1987. Their knowledge of the well's existence occurred due to a site inspection by their personnel during review of the monitoring well permit application submitted by Kleinfelder to complete the original scope of work at the site.

On January 10, 1987 Kleinfelder contacted the Alameda County Health Department to inquire about domestic well permitting issues and sampling requirements. The water sanitarian of the County indicated that all wells servicing domestic purposes required a permit to meet County codes and that annual sampling for general water quality parameters be done. This sampling is most often performed by the Health Department and later billed to the well owner. In small well systems (i.e. five user connections or less) the sampling requirements are less stringent than for larger municipal systems and the quantity of parameters tested for are not as great. It was clear that smaller water systems do not demand the level of attention larger municipal systems do and that frequency of sampling is mandated by the County. It was also noted that VOC's volatile organic compounds) are generally not tested for in small water systems.

Our discussion with the Health Department, indicates that the well owner is responsible for compliance with regulations of the County governing well sampling. It was also stated by the sanitarian that any water well owned by a person(s) which serve two or more domestic properties is a designated "purveyor" or water supplier, and that the purveyor is responsible for meeting the conditions of the County regulations. The well at the Chevron station does supply the water uses of the station and at least one adjacent property owner. Inquiry as to whether the service station's well was permitted or not was not asked, although based on the fact that no records

existed at the Zone 7 office, it is likely that the well was not permitted at the time it was drilled. According to Mr. Jess, he believes that Henning Brothers Drilling of Modesto, California drilled the well in 1968. A discussion with Henning Brothers did not reveal any new information, although they admitted to drilling numerous wells in the area, of which most did not produce water. Apparently no well logs or other records exist on the well construction or permit issues.

DISCUSSION

Given the information obtained from Mr. Jess regarding the damage done to the well on his property from the earthquake in 1980, it may be that some damage was done to the well located on Chevron property. Damage to the well seal (if one exists) or to the casing itself may allow shallow infiltration waters to access deeper well water via this conduit. These shallow waters could contain gasoline compounds from station wash down which leaked through cracks in the storm drains onsite, or from past overspillage of gasoline during refueling of the underground storage tanks. Also, it was noted that the onsite water system includes a 200 gallon pressurized tank which stores water prior to delivery through the water taps onsite. To eliminate in-line sources of potential water contamination it was earlier recommended that a water sample be collected directly from the well. This work was verbally authorized to be performed by Chevron and will be completed by Kleinfelder personnel on January 20 or 21, 1988. The water samples collected will be analyzed for purgeable aromatic hydrocarbon compounds using EPA Test Method 602 by Med-Tox Associates laboratories. A data report will be presented to Chevron following our receipt of sample results.

The information contained in this transmittal was requested by Chevron to further evaluate the significance of benzene presence in water samples collected by Kleinfelder during the original scope of work. This work was performed as requested by Chevron on January 6, 1988. Kleinfelder appreciates the opportunity to assist Chevron in this matter and presents the enclosed data to supplement the information presented in the initial site assessment report. If you have any questions regarding the information presented in this transmittal please do not hesitate to call. As soon as the data obtained from the upcoming well sampling is available, you will be notified.

Very truly yours,

KLEINFELDER

Mark A. Klaver

Mark A. Klaver (RJD)
Project Geologist

R. Jeffrey Dunn

R. Jeffrey Dunn, Ph.D., G.E.
Assistant Engineering Manager

MAK:RJD:cd

Attachments

KLEINFELDER 2121 N. California Blvd., Suite 570, Walnut Creek, CA 94596 (415) 938-5610

J. H. KLEINFELDER & ASSOCIATES File # 10-1782-01

Request for Authorization to Perform Additional Services

Client: Chevron USA

Project: Tracy, California Service Station #7127

Location: South Grant Line Road, Tracy, California

Contract Document: M66CWC-0486-7-X **dated** by Master Contract 12-2-87

Additional Work

Item	Additional Cost	Explanation
1)	Time and Materials	Confirmation sampling, lab work and reporting per B. Stoltz request
2)	" "	Regulatory review, site recon for other well locations
3)	" "	Well head removal, second set of sampling from well water (to be performed on 1-20-88)
4)	" "	

TOTAL Time and Materials per B. Stoltz based of M. Contract Professional fee schedule

The above request is approved and J. H. Kleinfelder & Associates is authorized to perform the indicated services.

Client:

Signed _____ **Title** _____

Date _____

J. H. KLEINFELDER & ASSOCIATES

Signed _____ **Title** Engineering Manager

Date 1-19-88

WORKING COPY

MED-TOX ASSOCIATES, INC.

ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES
3440 Vincent Road • Pleasant Hill, CA 94523 • (415) 930-9090

LABORATORY ANALYSIS REPORT

J.H. Kleinfelder & Assoc.
2121 N. California Blvd.
Suite 570
Walnut Creek, CA 94596
ATTN: Mark Klaver

REPORT DATE: 01/12/88

DATE RECEIVED: 01/08/88

DATE SAMPLED: 01/08/88

CLIENT PROJECT ID: 10-1782-01

MED-TOX JOB NO.: 8801031

ANALYSIS OF: ONE WATER SAMPLE FOR PURGEABLE AROMATICS

See attached for results.

Michael J. Jaeger
Organic Group Leader

Results reported verbally to Jim Falls 01/11/88.

J.H. Kleinfelder & Assoc.

CLIENT ID: W-T-3C
CLIENT JOB NO.: 10-1782-01

MED-TOX LAB NO.: 8801031-01A
MED-TOX JOB NO.: 8801031

DATE SAMPLED: 01/08/88
DATE RECEIVED: 01/08/88

DATE ANALYZED: 01/08/88
REPORT DATE: 01/12/88

EPA METHOD 602

PURGEABLE AROMATICS

COMPOUND	CAS #	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
Benzene	71-43-2	1	0.5
Chlorobenzene	108-90-7	ND	0.5
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-1	ND	0.5
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.5
Toluene	108-88-3	ND	0.5
Xylenes, Total	-------	ND	2

ND = Not Detected

MED-TOX ASSO. .IES, INC.
ANALYTICAL REQUEST/CHAIN OF CUSTODY FORM
(Complete Information on Opposite Side)

Page 1 : 1

Date: 1-8-88

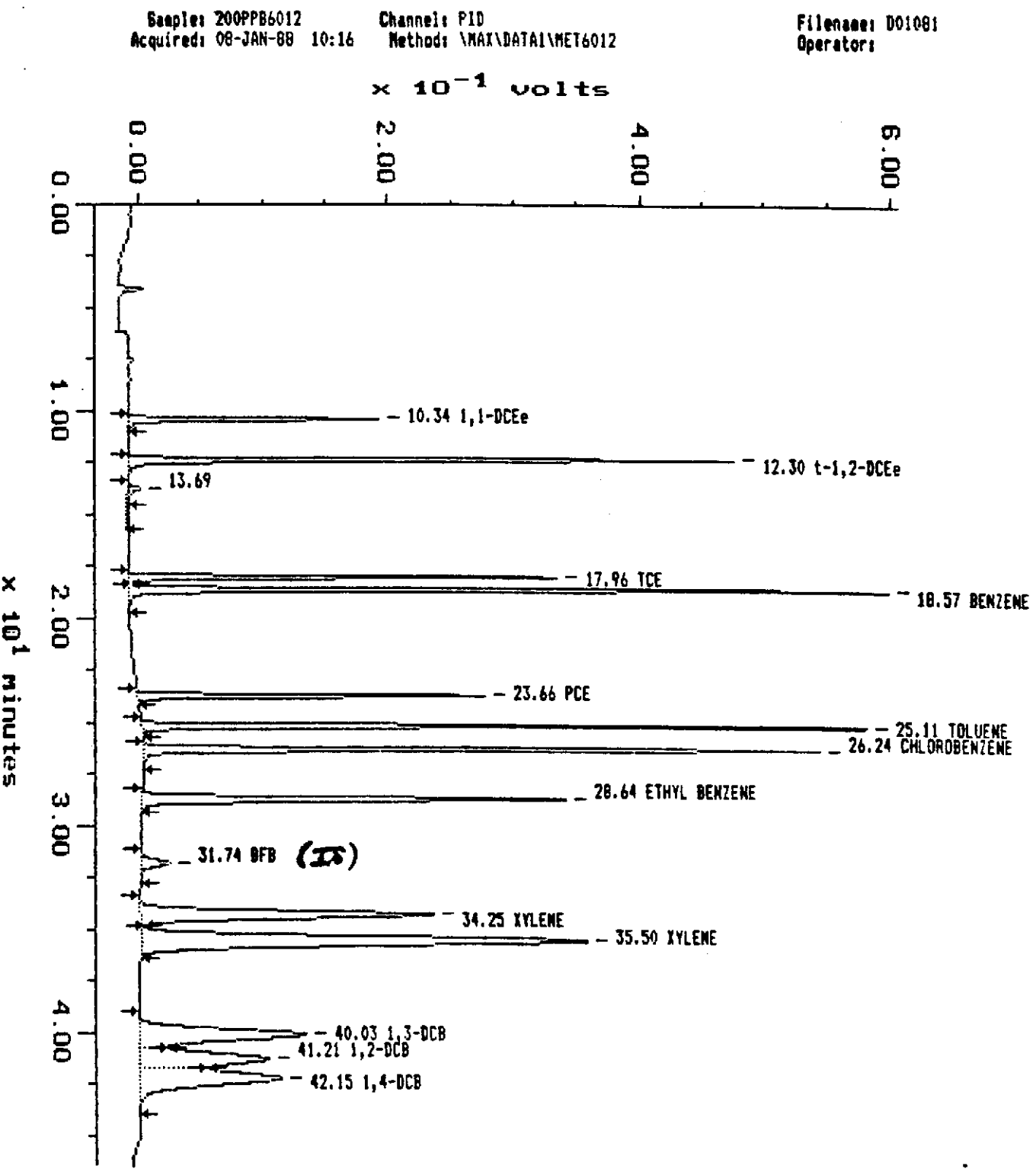
CLIENT Kleinfelder
CLIENT JOB REF.: 10-1782-01
LAB PROJECT NO: _____ (lab use only)

SAMPLER(S): MARK KLAVER

CLIENT SAMPLE IDENTIFICATION	DATE	LAB NUMER (lab use only)	AIR VOLUME (Liters)	NO. CONT.	SAMPLE TYPE *	ANALYSES: EPA 602	ANALYSES: HOLD	COMMENTS/ INTERFERENCES
W-T-3C	1/4/88	8801031-01A		1	VOA	X		
W-T-3D	"	↓ 01B		1	VOA		X	
			RUSH TURNAROUND					
			Verbal to M. Klaver 1/4/88 Noon.					

Relinquished by: (Signature)	Mark Klaver	Date 1/8/88	Time 11:00am	Received by: (Signature)	Date / Time
Relinquished by: (Signature)		Date	Time	Received by: (Signature)	Date / Time
Dispatched by: (Signature)		Date	Time	Received for lab by: (Signature)	Date 1-8-88 / Time 11:00
Method of Shipment:				Lab Comments:	4SJ

*SAMPLE TYPE (SPECIFY): (1) 37 mm 0.8 um MCEF;2) 25 mm 0.8 um MCEF; (3) 25 mm 0.4 um polycarb. filter; (4) PVC filter, ___ mm, _____ pore size _____; (5) Charcoal tube; (6) Silica gel tube (7) Water; (8) Soil; (9) Bulk Sample; (11) Other


Sample: 200PPB6012
Acquired: 08-JAN-88 10:16
Channel: PID
Method: \MAX\DATA1\MET6012
Filename: D01081
Operator:
x 10⁻¹ volts
0.00
2.00
4.00
6.00
1.00
2.00
3.00
4.00
x 10¹ minutes
10.34 1,1-DCEe
12.30 t-1,2-DCEe
13.69
17.96 TCE
18.57 BENZENE
23.66 PCE
25.11 TOLUENE
26.24 CHLOROBENZENE
28.64 ETHYL BENZENE
31.74 BFB (IS)
34.25 XYLENE
35.50 XYLENE
40.03 1,3-DCB
41.21 1,2-DCB
42.15 1,4-DCB

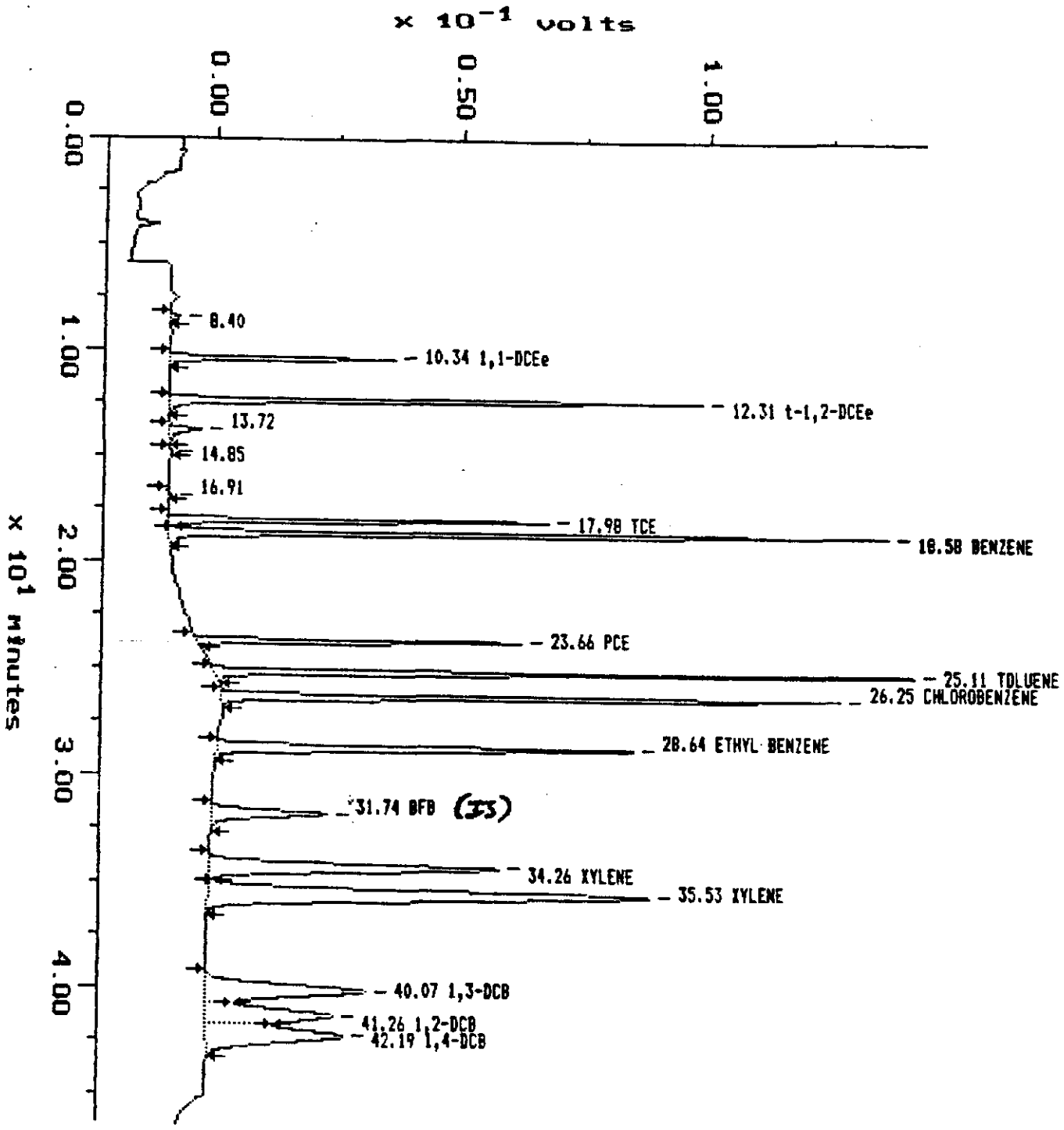
200 µg/L cal. std.

	Component Name	Retention Time (minutes)	Peak Area	Peak Response	Response Factor	Solution Conc	Original Conc
1	1,1-DCEe	10.338	2079311	3.5863	55.767	55.767	55.767
2	t-1,2-DCEe	12.305	5150793	8.8839	22.513	22.513	22.513
3		13.692	167359				
4	TCE	17.963	3487580	6.0153	33.249	33.249	33.249
5	BENZENE	18.571	6385705	11.0139	18.159	18.159	18.159
6	PCE	23.663	2915921	5.0293	39.767	39.767	39.767
7	TOLUENE	25.106	6231975	10.7487	18.607	18.607	18.607
8	CHLOROBENZENE	26.237	6572797	11.3365	17.642	17.642	17.642
9	ETHYL BENZENE	28.642	5550803	9.5738	20.890	20.890	20.890
0	BFB (IS)	31.736	579789	579788.6015	-0.000		
1	XYLENE	34.249	6265092	10.8058	18.509	18.509	18.509
2	XYLENE	35.503	11571578	19.9583	20.042	20.042	20.042
3	1,3-DCB	40.034	5290798	9.1254	21.917	21.917	21.917
4	1,2-DCB	41.213	4366929	7.5319	26.554	26.554	26.554
5	1,4-DCB	42.153	5232766	9.0253	22.160	22.160	22.160
			71849196			2800.00	

Sample: 50PPB6012
Acquired: 08-JAN-88 11:22

Channel: PID
Method: \MAX\DATA1\MET6012

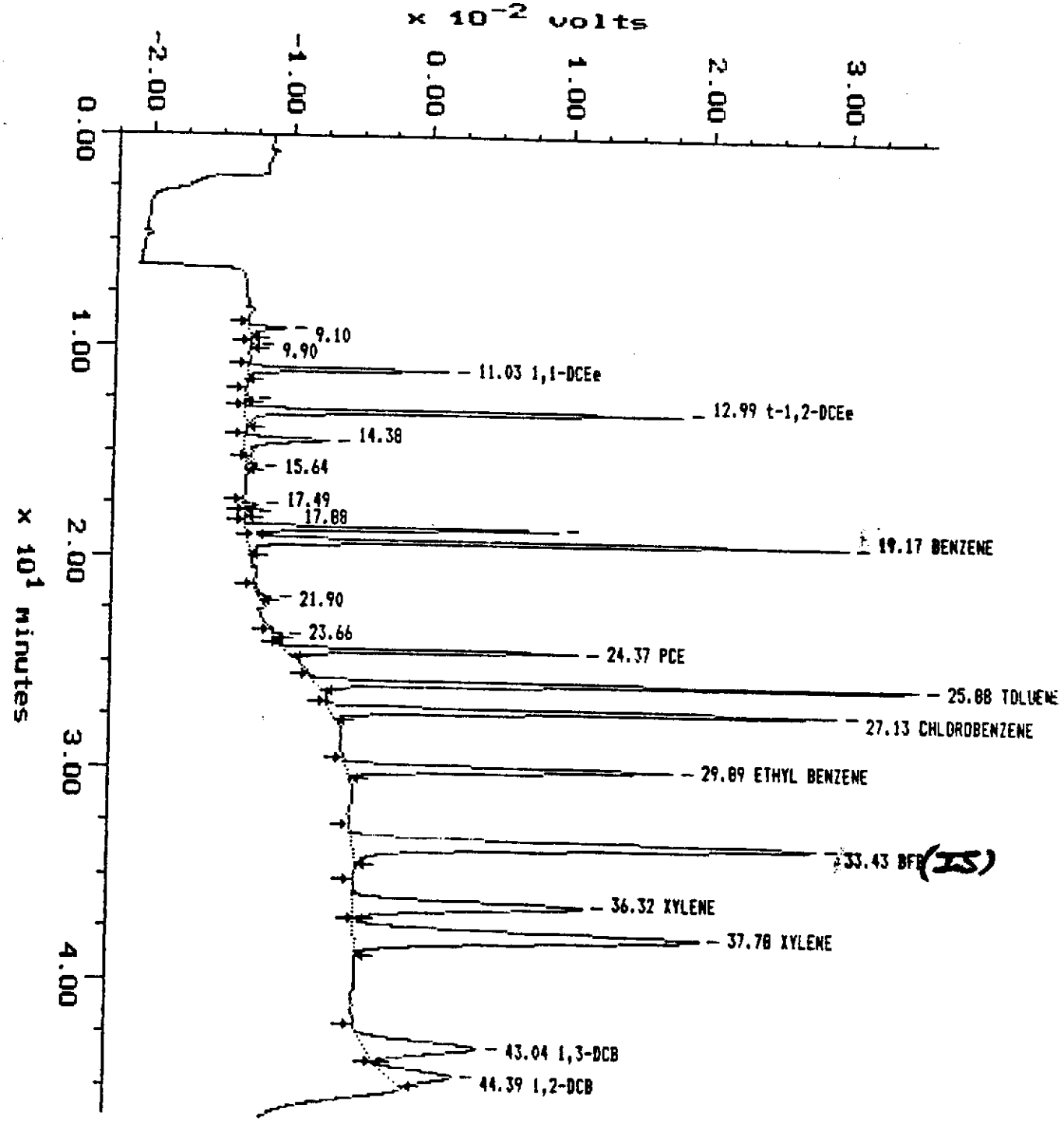
Filename: D01082
Operator:



50ppb cal std

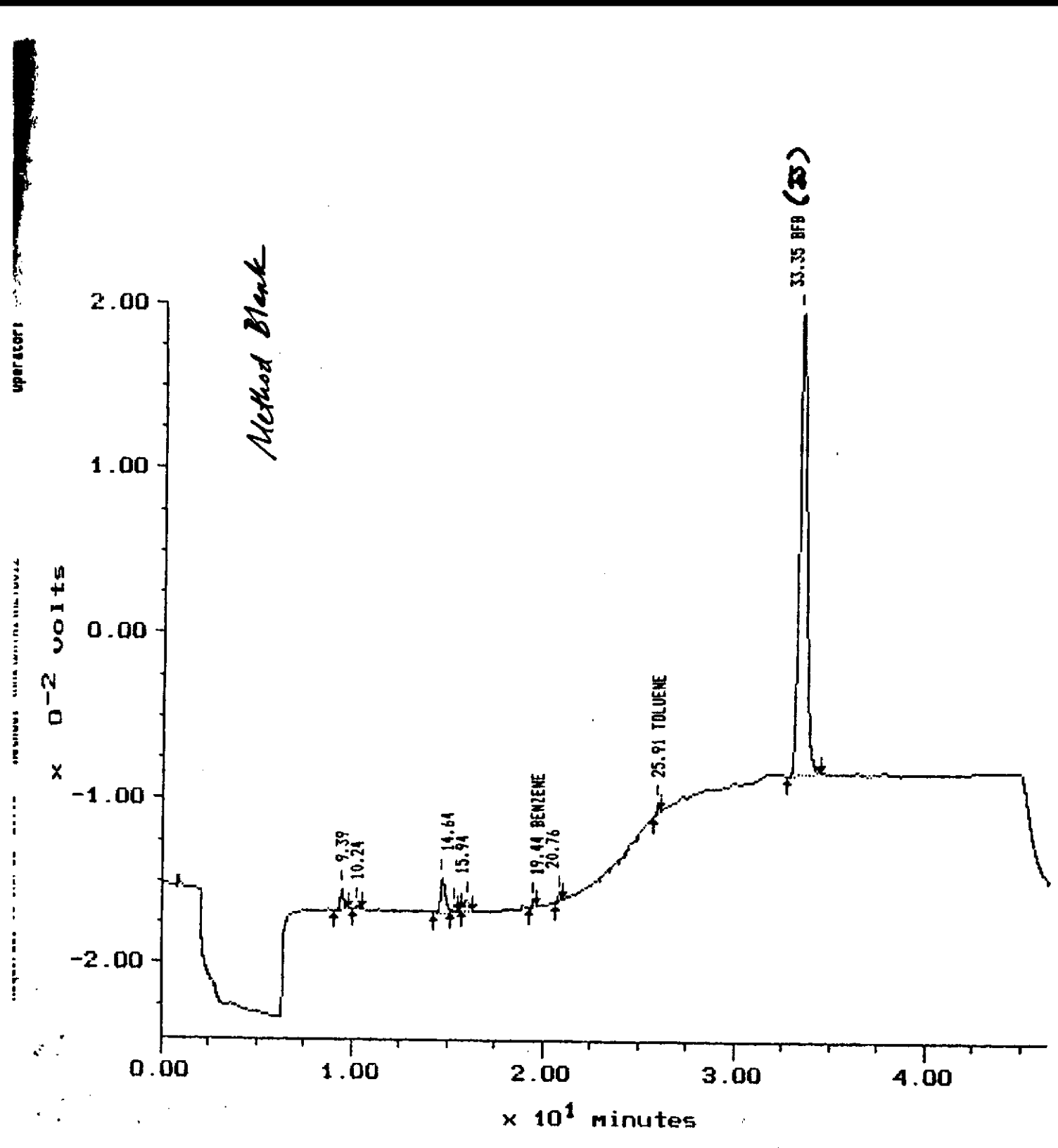
PK#	Component Name	Retention Time (minutes)	Peak Area	Peak Resp	Response Fact	Solution Conc	Original Conc
1		8.398	21947				
2	1,1-DCEe	10.342	480873	0.6[illegible]	58.46[illegible]	58.461	[illegible] 461
3	t-1,2-DCEe	12.311	1166768	2.6[illegible]	24.094	24.094	[illegible] 094
4		13.722	112141				
5		14.846	2867				
6		16.907	4105				
7	TCE	17.976	810998	1.4[illegible]	34.664	34.664	[illegible] 664
8	BENZENE	18.580	1560252	2.7[illegible]	18.018	18.018	[illegible] 018
9	PCE	23.663	692717	1.2[illegible]	40.583	40.583	[illegible] 583
10	TOLUENE	25.113	1539157	2.7[illegible]	18.265	18.265	[illegible] 265
11	CHLOROBENZENE	26.247	1536193	2.7[illegible]	18.300	18.300	[illegible] 300
12	ETHYL BENZENE	28.642	1388956	2.4[illegible]	20.240	20.240	[illegible] 240
13	BFB (IS)	31.740	562248	562248.4[illegible]	0.000		
14	XYLENE	34.262	1578873	2.8[illegible]	17.805	17.805	[illegible] 805
15	XYLENE	35.532	2894235	5.1[illegible]	19.426	19.426	[illegible] 426
16	1,3-DCB	40.069	1288707	2.2[illegible]	21.814	21.814	21.814
17	1,2-DCB	41.256	1062620	1.8[illegible]	26.456	26.456	26.456
18	1,4-DCB	42.195	1263672	2.2[illegible]	22.247	22.247	22.247
AL			17967329			700.00	

Sample: 10PPB6012
Acquired: 08-JAN-88 16:47
Channel: PID
Method: \MAX\DATA1\MET6012
Filename: D0108B
Operator:



10 µg/L cal. std

PK#	Component Name	Retention Time (minutes)	Peak Area	Peak Response	Response Factor	Solution Conc	Original Conc
1		9.103	33980				
2		9.903	2321				
3	1,1-DCEe	11.034	153093	0.1695	58.997	58.997	58.997
4		12.448	3326				
5	t-1,2-DCEe	12.990	356864	0.3951	25.309	25.309	25.309
6		14.381	113237				
7		15.642	13403				
8		17.495	12414				
9		17.885	4472				
10		18.567	244399				
11	BENZENE	19.172	492635	0.5454	18.334	18.334	18.334
12		21.895	8372				
13		23.660	4256				
14	PCE	24.365	233293	0.2583	38.715	38.715	38.715
15	TOLUENE	25.883	509216	0.5638	17.737	17.737	17.737
16	CHLOROBENZENE	27.134	505876	0.5601	17.854	17.854	17.854
17	ETHYL BENZENE	29.887	440643	0.4879	20.497	20.497	20.497
18	BFB (IS)	33.426	903197	903197.4394	-0.000		
19	XYLENE	36.319	504340	0.5584	17.909	17.909	17.909
20	XYLENE	37.781	918682	1.0171	19.663	19.663	19.663
21	1,3-DCB	43.037	328727	0.3640	27.476	27.476	27.476
22	1,2-DCB	44.385	158018	0.1750	57.158	57.158	57.158
AL			5944765			120.00	


Method Blank
2.00
1.00
0.00
-1.00
-2.00
x 10^-2 volts
9.39
10.24
14.64
15.94
19.44 BENZENE
20.76
25.91 TOLUENE
33.35 BFB (35)
0.00
1.00
2.00
3.00
4.00
x 10^1 minutes

MAXIMA 820 CUSTOM REPORT

Printed: 11-JAN-1988 11:08:18

SAMPLE: DI-H2O *Method Blank*

Type: UNKN
Instrument: 5890-601
Filename: D010813
Index: 7

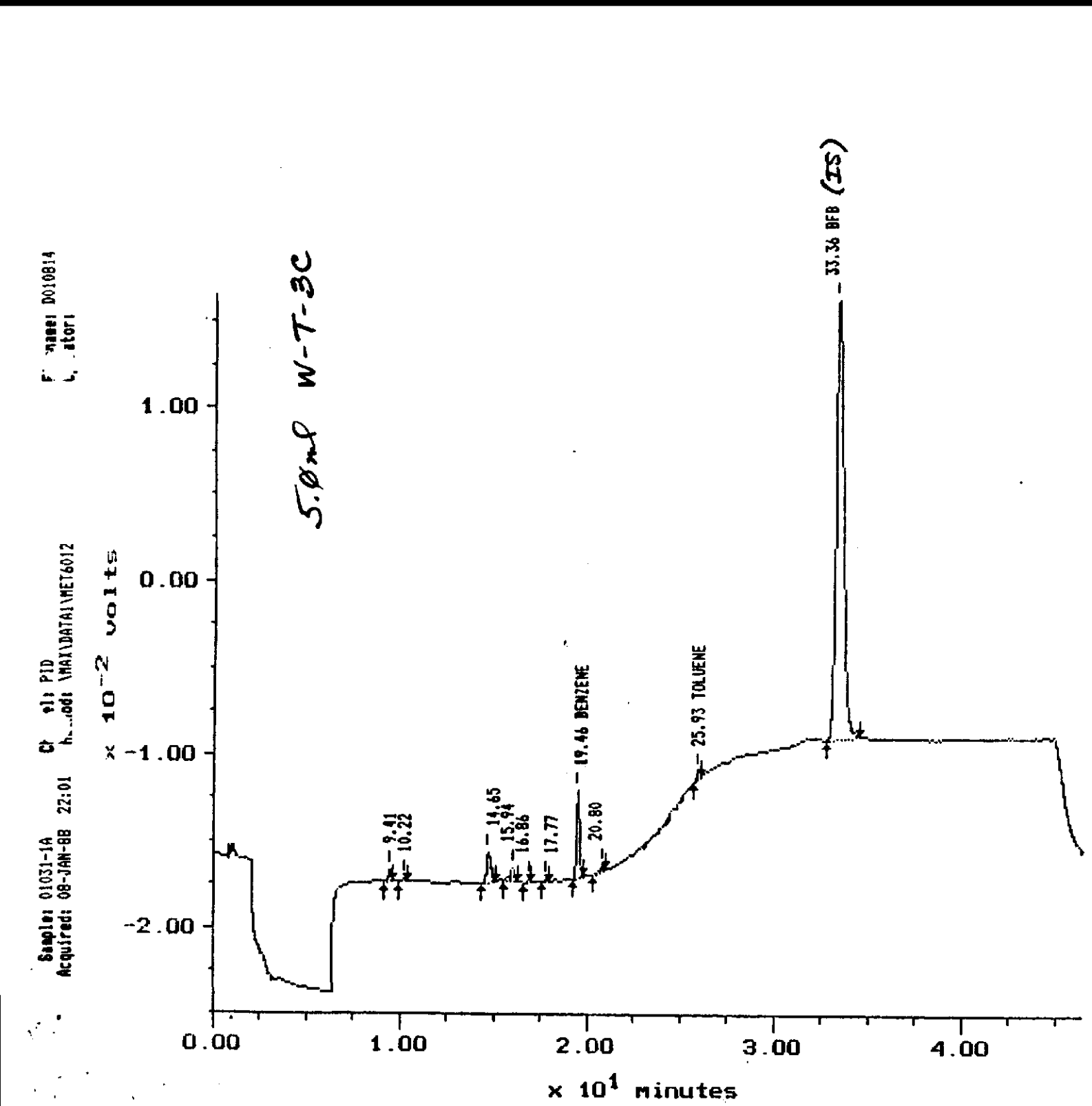
SB in Method: MET6012
Acquired: 8-JAN-1988 21:08
Rate: 5.1 points/sec
Duration: 46.400 minutes
Operator:

DETECTOR: ECD

PK#	Component Name	Retention Time (minutes)	Peak Area	Peak Response	Response Factor	Solution Conc	Original Conc
1	DICHLOROMETHANE	8.626	10341	0.0315	13.[illegible]54	0.42	0.42
2	1,2-DCEa	14.297	13449	0.0410	13.[illegible]29	0.56	0.56
3	BCP	20.820	328239	328238.7835	0.[illegible]00		
4	BFB-EC	33.560	90850	90850.2576	0.[illegible]00		
						0.98	
TOTAL			442879				

DETECTOR: PID

PK#	Component Name	Retention Time (minutes)	Peak Area	Peak Response	Response Factor	Solution Conc	Original Conc ug/L	
1		9.386	17388					
2		10.238	2010					
3		14.645	39770					
4		15.337	2441					
5		15.941	10827		18.[illegible]151	0.10	0.10	ND(0.5)
6	BENZENE	19.445	4208	0.0056				
7		20.758	3944		18.[illegible]384	0.16	0.16	
8	TOLUENE	25.912	6625	0.0087	18.[illegible]900			
9	BFB (IS)	33.352	757881	757881.0641	0.[illegible]			
						0.26		
TOTAL			845094					


5.0mL W-T-3C
Sample: 01031-1A
Acquired: 08-JAN-88 22:01
1.00
0.00
-1.00
-2.00
x 10^-2 volts
9.41
10.22
14.65
15.94
16.86
17.77
19.46 BENZENE
20.80
25.93 TOLUENE
33.36 BFB (IS)
0.00
1.00
2.00
3.00
4.00
x 10^1 minutes

MAXIMA 820 CUSTOM REPORT

Printed: 11-JAN-1988 11:16:17

SAMPLE: 01031-1A 5.0ml W-T-3C

89 in Method: MET6012
Acquired: 8-JAN-1988 22:01
Rate: 5.1 points/sec
Duration: 46.400 minutes
Operator:

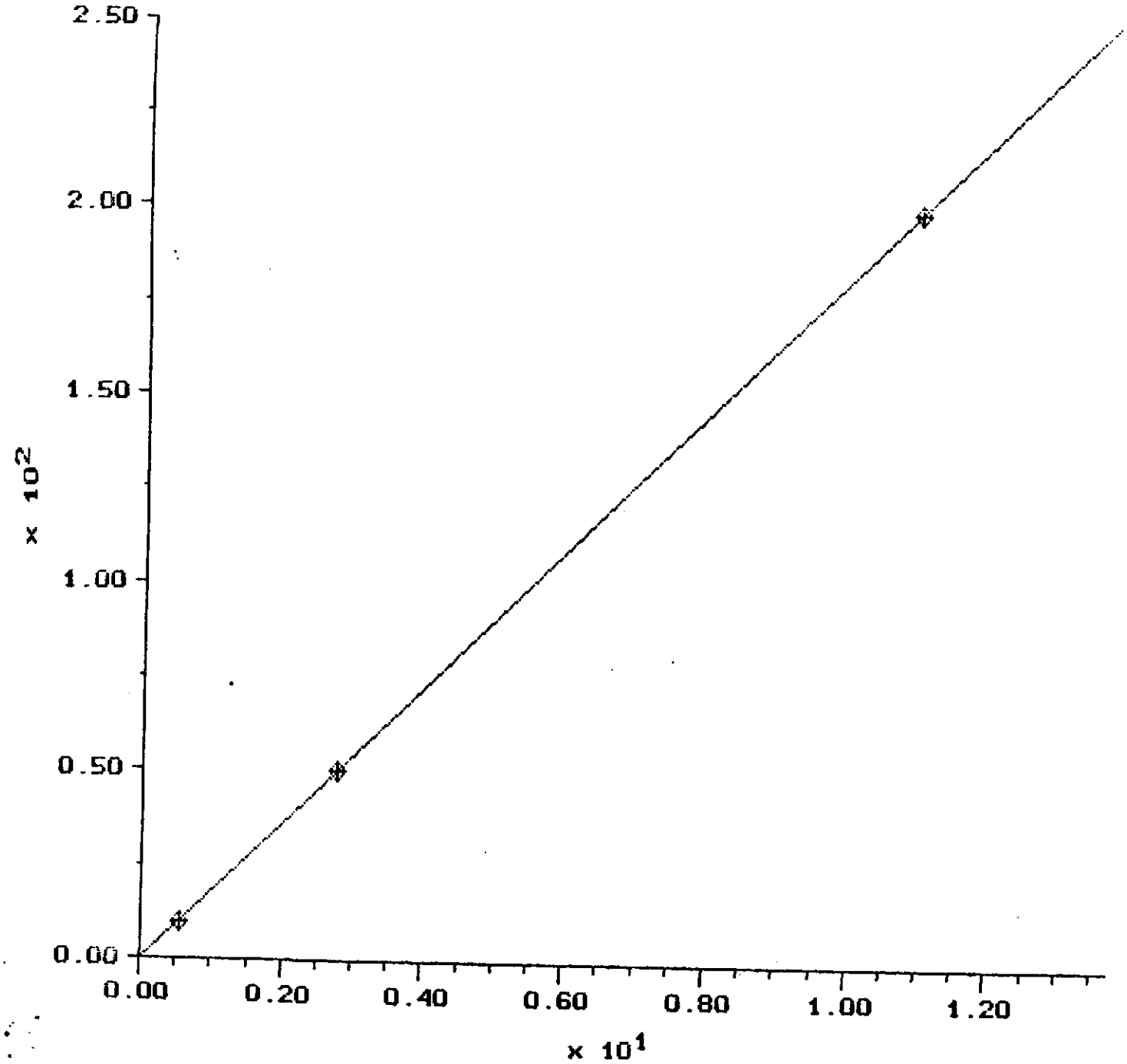
Type: UNKN
Instrument: 5890-601
Filename: B010814
Index: 8

DETECTOR: ECD

PK#	Component Name	Retention Time (minutes)	Peak Area	Peak Response	Response Factor	Solution Conc	Original Conc
1	FREON 113	14.287	30498	0.1022	22.818	2.33	2.33
2	1,2-DCEa	14.560	91105	0.3054	13.629	4.16	4.16
3	BCP	20.836	298312	298312.0984	0.000		
4	BFB-EC	33.579	83876	83876.3156	0.000		
TOTAL			503791			6.50	

DETECTOR: PID

PK#	Component Name	Retention Time (minutes)	Peak Area	Peak Response	Response Factor	Solution Conc	Original Conc ug/L
1		9.409	7305				
2		10.221	1928				
3		14.648	28369				
4		15.945	13224				
5		16.861	1935				
6		17.771	1928				
7	BENZENE	19.458	56000	0.0809	18.151	1.47	1.47 (1)
8		20.800	3939				
9	TOLUENE	25.929	4903	0.0071	18.584	0.13	0.13
10	BFB (IS)	33.358	692383	692383.2382	0.000		
TOTAL			811913			1.60	



BENZENE Peak Response

Printed: 11-JAN-1988 12:14:30

Benzene calibration of 1/8/8.

Quant Basis: Area
Curve Type: Linear

Rejection Tolerance: None
Weighting: None

Internal Standard: BFB
Forced Through Origin: Yes

Equation: Conc = 1.815096E+01 * R $\left\{ Conc_{benzene} = \left(\frac{area_{benzene}}{area_{IS}} \right) \times 18.15 \right\}$

Sample	File Name	Valid	Concentration	Response	Calc'd Concentration	% Deviation	Response Fact
200PPB6012	B01081	Y	2.000000E+02	1.1013850E+01	1.999119E+02	4.41E-02	1.815895E+01
50PPB6012	B01082	Y	5.000000E+01	2.7750220E+00	5.036930E+01	-7.33E-01	1.801787E+01
10PPB6012	B01088	Y	1.000000E+01	5.4543483E-01	9.900163E+00	1.01E+00	1.833400E+01

Clayton Environmental Consultants, Inc.

P.O. Box 9019 • 1252 Quarry Lane • Pleasanton, CA 94566 • (415) 426-2600

January 11, 1988

Laboratory Client Code No. 0064

Mr. Mark Klaver
J. H. Kleinfelder & Associates
1901 Olympic Blvd., Suite 300
Walnut Creek, CA 94596

Dear Mr. Klaver:

Attached are the results of the following samples. The sample and analysis information is as follows:

Date Sample Received	Clayton Lab Batch No.	Client Sample I.D.	Matrix	Analysis/ Method No.
01/08/88	880126	W-T-3A W-T-3B	Water	Purgeable Aromatics/ EPA 602

A copy of the Chain of Custody form is attached for your information.

If you have any questions regarding this information, please do not hesitate to call.

Sincerely,

Hon-Tsing Su
Laboratory Manager

HTS/tb
Attachment/Enclosure
L1987.REP

Approved by: Mary D. Beck
Mary D. Beck
Quality Assurance Manager

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

EPA METHOD 602
PURGEABLE AROMATICS

Sample I.D.: W-T-3A Lab No. 880126-01

Samples Received: 01/08/88

Samples Analyzed: 01/08/88

Sample Matrix: Water Detection Limit Factor = 1

Compound	Concentration µg/L (ppb)
Benzene	1.1
Chlorobenzene	ND
1,2-Dichlorobenzene	ND
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
Ethylbenzene	ND
Toluene	ND
Xylenes	ND

ND = Not Detected

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

EPA METHOD 602
PURGEABLE AROMATICS

Sample I.D.: W-T-3B Lab No. 880126-02

Samples Received: 01/08/88

Samples Analyzed: 01/08/88

Sample Matrix: Water Detection Limit Factor = 1

Compound	Concentration µg/L (ppb)
Benzene	1.1
Chlorobenzene	ND
1,2-Dichlorobenzene	ND
1,3-Dichlorobenzene	ND
1,4-Dichlorobenzene	ND
Ethylbenzene	ND
Toluene	ND
Xylenes	ND

ND = Not Detected

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

EPA METHOD 602
PURGEABLE AROMATICS

DETECTION LIMITS

DETECTION LIMITS = Detection Limit Factor X Concentration

5 mL Sample

Compound	Concentration µg/L (ppb)
Benzene	0.4
Chlorobenzene	0.3
1,2-Dichlorobenzene	0.5
1,3-Dichlorobenzene	0.3
1,4-Dichlorobenzene	0.5
Ethylbenzene	0.3
Toluene	0.3
Xylenes	0.4

ND = Not Detected

CLAYTON ENVIRONMENTAL CONSULTANTS, INC.

QUALITY ASSURANCE DATA
EPA METHOD 602

Duplicate Analysis

Lab Batch No.: 880126-01 & 02

Sample I.D.: WT3A, WT3B Matrix: Water

Units of Concentration = µg/L

Parameter	Sample Result	Duplicate Sample Result	% RPD
Benzene	1.1	1.1	0

ND = Not Detected

Spike Analysis

Lab Batch No.: 880126-01

Sample I.D.: WT3A Matrix: Water

Units of Concentration = µg/L

Parameter	Sample Result	Spike Added	Spike Sample Result	% Recovery
Benzene	1.1	20	17.3	81
Toluene	ND	20	21.4	110
Chlorobenzene	ND	20	21.7	110

ND = Not Detected

Clay[illegible]n Environmental Consu[illegible]ants

SAMPLERS: (Signature) Mark Klaus[illegible]

Phone 938-5610

SHIP TO Clayton Env

ATTENTION: Mary Beth

Phone No. 426-2600

880126

SHIPPING INFORMATION:

Shipper Kleinfelder

Address 2121 N. California Blvd #570 Walnut Creek 945[illegible]

Date Shipped 1-8-88

Shipment Service hand delivered

Airbill No. ____ Cooler No. ____

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Mark Klaus[illegible]	Molly Pages[illegible]	1/8/88	10:00 A
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received for laboratory by*: (Signature)	Date	Time

*Analysis laboratory should complete "Sample Condition Upon Receipt", section below, sign and return top copy to Clayton Environmental Consultants, Inc., P.O. Box 9019, Pleasanton, California 94566

	Sample Number	Site/Sample Identification	Date Sampled	Analysis Requested	Sample Condition Upon Receipt
-01	W-T-3A	10-1782-01	1/8/88	EPA 602	[illegible] OK + [illegible]
-02	W-T-3B	"	"	Hold.	"

* RUSH TURNAROUND (MON) 1/11/88 verbal results to M. Klaus[illegible] ACCOMPANYING QA/QC Report w/ hard copy of Lab report.

WHITE—Sampler CANARY—CLAYTON ENVIRONMENTAL CONSULTANTS PINK—Lab Courtesy Copy