A Department of Ecology Report

WASHINGTON STATE DEPARTMENT OF ECOLOGY

Quilcene Soil Gas Survey
Quilcene, Washington
May 1994

Introduction

This document describes results of the soil gas survey conducted in May 1994 in Quilcene, Washington. The survey was conducted to locate the source of benzene which had contaminated several drinking water wells. Results from the survey have already been transmitted informally to Ecology's Southwest Regional Office (SWRO) either in the field during the survey or in subsequent meetings.

Two residents in Quilcene detected gasoline-like odors in their water and notified Ecology in February 1994. Quilcene is located on the east side of the Olympic Peninsula in Jefferson County, Washington. Most residents in the affected area obtain their drinking water from shallow wells, about 25-30 feet deep. On March 3 the Department of Health sampled twelve wells. Test results confirmed benzene concentrations exceeded the drinking water standard of 5 ppb at five homes. Benzene concentrations ranged from 120 ppb to 2300 ppb. The contamination was suspected to be from gasoline that spilled or leaked from an underground storage tank.

There are at least four potential sources of contamination in the area (Figure 1). Two potential sources are located at the intersection of Highway 101 and E. Columbia Street: 1) a hardware store at the southwest corner, and 2) a former gas station, which is now an affected residence, at the northeast corner. The other potential sources are located on Highway 101 north of the contaminated area: 3) a closed Mobil station, and 4) an operating Texaco station.

A total of 40 soil gas samples were collected and tested. Soil gas samples were analyzed in the field using a portable gas chromatograph.

by Pamela B. Marti
April 1995
Waterbody No. WA-17-0010-GW
Ecology Report #95-317

Results

Sample locations are shown in Figure 1. Table 1 presents a summary of the soil gas survey results. Concentrations of compounds that were not identified by the gas chromatograph are summed in the "Unknown" column of Table 1. Soil gas sample chromatograms are included in Appendix A. Distribution of the identified compounds is discussed below.

The highest contaminant concentrations occurred in the vicinity of the closed Mobil station and the operating Texaco station (Figure 1). Primary gasoline compounds (benzene and toluene) were identified in some of the samples in this area, but at low concentrations (less than 1 ppm). However, high concentrations of lighter hydrocarbons were detected in samples Q14 thru Q20 as shown in Table 1 (See chromatograph traces #46 thru #81). Total concentrations from these samples ranged from 120 ppm to 60,570 ppm. The sample from station Q17 exhibited the only clearly defined peaks of benzene, toluene and xylene (See chromatogram #61).

Based on the survey results, the most likely sources of contamination are the closed Mobil station or the Texaco station. The highest concentrations of light hydrocarbons were detected in this area. Although contaminants were detected at the former station on the corner of Highway 101 and E. Columbia Street, the concentrations were low: 10 ppm to 70 ppm in samples Q13 and Q12, respectively. In addition, when a tank was removed from this site, no contamination was observed by Ecology staff (Blum and Gooding 1994, Personal Communication). However, the condition of a second buried tank at this site is unknown.

Recommendations

Contamination appears to have originated from the closed Mobil station or the Texaco station. Additional information is needed to: 1) confirm the source of the contamination; 2) define the distribution of the on-site contamination at the source; and once identified, 3) provide information for the remedial design. I recommend the following tasks.

1. Characterize the ground water conditions in the affected area. Tasks to be completed include:
   - Obtain and review all well logs for area wells and determine hydrostratigraphy
   - Identify and locate all wells suitable for water level measurement
   - Install piezometers and monitoring wells to fill gaps
   - Survey elevations of all wellheads to 0.01 feet
   - Obtain water levels in all wells
   - Prepare potentiometric maps and determine ground water flow directions
   - Prepare hydrogeologic profiles and estimate ground water flow velocities

2. Obtain soil and ground water samples from areas identified as most contaminated by the soil gas survey. These areas include soil gas stations Q18 and Q20, which are located between the closed Mobil station and the Texaco station. Hydrocarbon identification of samples should be conducted to differentiate fresh gasoline from weathered gasoline. This information could help to differentiate the source.

3. Based on the findings of the above recommendation, additional characterization of the source should be conducted to determine what actions will be needed to remediate the site. A preliminary on-site investigation with soil gas would help to define sample locations. The on-site investigation should include soil sampling and installation of ground water monitoring wells.

Methods

Sample Collection

Forty soil gas samples were collected and tested. Sample locations are shown in Figure 1. Soil gas samples were collected between the contaminated wells and four potential source areas. Pam Marti, Bernard Strong, Mike Blum, Lynn Gooding, Chris Neumiller and staff from the Jefferson County Health Department collected soil gas samples on May 16-19, 1994. Weather conditions for the most part were clear and warm.

Soil Gas Sampling

Soil gas samples were obtained using portable sampling equipment. Sample stations in paved areas were drilled with an electric percussion drill equipped with a 1½-inch asphalt bit. A pilot hole was advanced to the required depth by driving a ½-inch diameter solid-steel rod. After removing the pilot hole rod, a stainless steel retractable soil gas sampling tip (Retract-a-Tip) was driven into the pilot hole. The retractable tip was then pulled back (about 2 inches) to expose the sampling screen. A bentonite plug was installed at the surface to prevent air flow from the atmosphere to the sample area. The sample tubing (3/16-inch ID teflon) was purged with a hand pump prior to sampling. The soil gas samples were withdrawn using a suction pump through the teflon tubing and collected under vacuum pressure in 1-liter Tedlar bags. Test holes were plugged using hydrated bentonite. Overlying fill and asphalt cover (cold mix) were placed as necessary.

Due to a high water table, depth profile sampling was not possible. Soil gas samples were collected from 3 to 4½ feet below the ground surface.

Soil gas samples were analyzed in the field using a portable gas chromatograph (Sentex Scentograph Plus), equipped with an Argon Ionization Detector (AID) and a 12-foot,

10% SP-1000 (80/100 mesh) packed column. Prior to sample analysis, the gas chromatograph was calibrated using a mixture of 1.0 ppm benzene, 1.3 ppm toluene and 1.5 ppm m-xylene. An industrial solvents chemical compound library (Sentex) was used to identify other gasoline constituents. Operating parameters such as sample time, temperature, and chart duration were adjusted to maximize results. Copies of soil gas analyses, as well as operating parameter information are included in Appendix A.

All non-disposable down-hole equipment was decontaminated between test holes using sequential washes of tap water with Liquinox® detergent, deionized water, and laboratory grade methanol. Retractable tips were completely disassembled for cleaning and decontaminated between holes. Teflon® tubing was discarded between test holes.

Quality Assurance Samples

Soil Gas

In general, soil gas results are considered to be good and usable. Because sample results were determined using a portable gas chromatograph, all reported analytes are considered tentatively identified and concentrations are estimates. Soil gas quality assurance samples consisted of calibration, duplicates, and blanks. The gas chromatograph was calibrated about once every ten analytical runs with a standard pressurized mixture of 1.0 ppm benzene, 1.3 ppm toluene and 1.5 ppm m-xylene. Duplicate samples (repeat analyses of the same sample) were analyzed for at least 10% of all soil gas samples. Duplicate results were considered qualitative and within expected ranges. Blank samples of ambient air were run frequently to ensure that equipment contamination had not occurred.

Contacts

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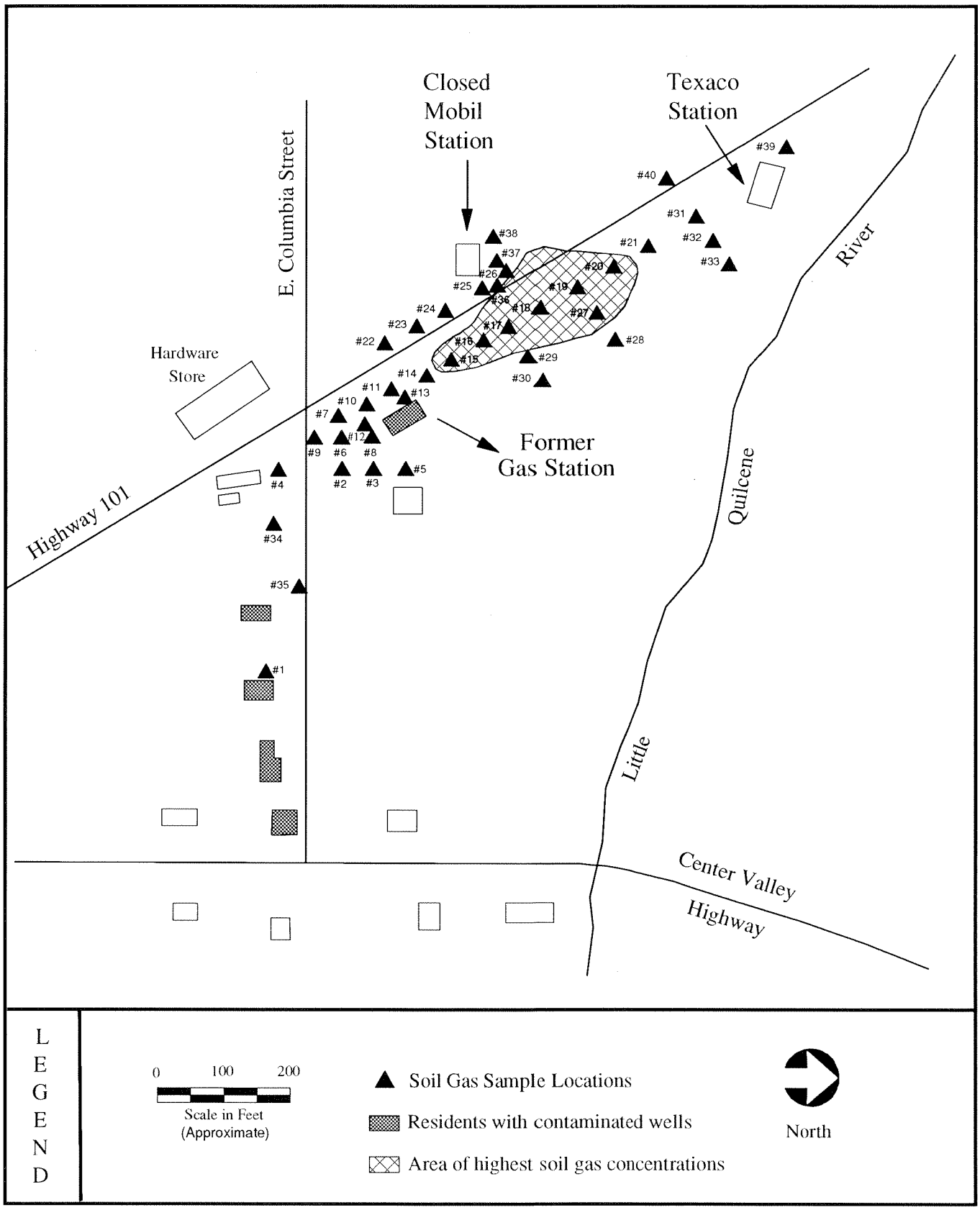


Figure 1: Quilcene Soil Gas Sample Locations

Table 1: Summary of Soil-Gas Results collected May, 1994 Quilcene, WA

NOTE: Results were determined using a Sentex portable gas chromatograph.
Analytes are considered tentatively identified and concentrations are estimates.

Trace #	Station I.D. (Q-)	Depth (feet)	Benzene Retention Time (seconds)	Benzene Conc. (ppm) (estimate)	Toluene Retention Time (seconds)	Toluene Conc. (ppm) (estimate)	Xylenes Retention Time (seconds)	Xylenes Conc. (ppm) (estimate)	Unknowns Retention Time (Range) (seconds)	Unknowns Total Conc. (ppm) (estimate)
2	1a	3	-	-	-	-	-	-	-	-
6	1b	5	-	-	-	-	-	-	263-394	0.1
7	2a	3	-	-	-	-	-	-	266-629	0.8
10	2b	4.5	-	-	-	-	635	0.001	105-883	0.06
11	3	3	-	-	-	-	-	-	-	-
12	4	4	-	-	-	-	-	-	-	-
16	5	4.5	-	-	404	0.001	-	-	111-373	0.012
20	6	4.5	278	0.59	413	0.51	-	-	88-380	6903
28	7	4.5	-	-	412	0.002	664	0.003	135-550	0.02
25	8	4.5	-	-	384	1.0	-	-	89-134	1.6
33	9	5	-	-	-	-	-	-	-	-
34	10	4.5	-	-	-	-	-	-	-	-
36	11	4.25	-	-	-	-	-	-	-	-
38	12	4.25	273	0.02	403	0.006	-	-	85-157	71
41	13	4.5	272	0.005	-	-	-	-	87-263	10
46	14	4.5	-	-	-	-	-	-	85-374	296
50	15	4.5	-	-	-	-	-	-	88-232	309
54	16	3	-	-	-	-	-	-	88-408	408
61	17	3	280	1.96	414	6.65	606-802	1.93	90-332	120
66	18	3	-	-	-	-	-	-	90-372	60573
81	19	3	-	-	-	-	-	-	88-203	120
72	20	3	-	-	-	-	-	-	92-158	770
108	21	3	-	-	-	-	-	-	155-213	0.004
111	22	3	-	-	-	-	-	-	-	-
109	23	3	284	0.003	422	0.001	-	-	111-299	0.007
110	24	3	-	-	-	-	-	-	122-492	0.004
112	25	4	-	-	-	-	-	-	91-398	5.1
115	26	4	-	-	-	-	-	-	92-855	96
120	27	4	-	-	-	-	-	-	104-367	149
128	28	4	-	-	-	-	-	-	-	-
129	29	4	-	-	-	-	-	-	-	-
130	30	5	-	-	-	-	-	-	-	-
136	31	5	-	-	-	-	-	-	118-372	70
146	32	5	-	-	-	-	-	-	92-282	149
144	33	5	-	-	-	-	-	-	-	-
155	34	3	-	-	-	-	-	-	141-876	0.21 ppb
154	35	5	-	-	-	-	-	-	159	0.05 ppb
156	36	3	-	-	-	-	-	-	82-480	1.6
159	37	3	-	-	-	-	-	-	88-607	3.1
167	38	4	274	0.007	404	0.005	-	-	90-630	0.1
177	39	4	-	-	-	-	-	-	-	-
180	40	4	-	-	-	-	-	-	90-848	2.3

APPENDIX A

Quilcene Soil Gas Survey
Select Soil Gas Chromatograms
May 1994

14	May 15,94	17:33	A	[redacted]				Q3b
14			A	UNKNOWN	0.00	PPM	386	6420
15	May 15,94	17:45	A	[redacted]				Q2aTspike
15			A	UNKNOWN	0.28	PPM	388	1112467
15			A	UNKNOWN	0.14	PPM	421	572220
16	May 15,94	17:54	A	UNKNOWN	0.00	PPM	81	15 Q5
16			A	UNKNOWN	0.01	PPM	111	22482
16			A	UNKNOWN	0.01	PPM	373	25671
16			A	TOLUENE	0.00	PPM	404	4814
17	May 15,94	18:10	A	UNKNOWN	0.00	PPM	81	777 Q2aTspike
17			A	UNKNOWN	0.26	PPM	375	1049764
17			A	TOLUENE	0.11	PPM	406	558410
18	May 15,94	18:18	C	XYLENE	1.50	PPM	622	12335151 BTX
19	May 15,94	18:30	C	TOLUENE	1.43	PPM	379	39340 BTX
19			C	XYLENE	1.50	PPM	602	10536
19			C	UNKNOWN 2	10.00	PPB	629	2282379
20	May 15,94	18:43	A	UNKNOWN	0.26	PPM	88	7205 Q6
20			A	UNKNOWN	5031.27	PPM	105	138412821
20			A	[redacted] UNK	1676.84	PPM	131	46130801 PBM

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
20			A	[redacted] UNK	171.68	PPM	161	4723108	PBM
20			A	UNKNOWN	14.70	PPM	184	404401	
20			A	[redacted] UNK	5.62	PPM	207	154598	
20			A	UNKNOWN	2.14	PPM	235	58805	
20			A	[redacted] BENZENE	0.59	PPM	278	16185	
20			A	[redacted] UNK	0.43	PPM	380	11909	
20			A	[redacted] TOLUENE	0.51	PPM	413	14000	
21	May 15,94	18:56	A	UNKNOWN	0.04	PPM	89	1170	ambient
21			A	[redacted] UNK	97.87	PPM	113	2692451	
21			A	UNKNOWN	85.48	PPM	120	2351461	
21			A	[redacted] UNK	56.34	PPM	137	1549812	
21			A	[redacted] UNK	2.78	PPM	154	76599	
21			A	[redacted] UNK	3.44	PPM	161	94571	
21			A	[redacted] UNK	0.32	PPM	206	8832	
22	May 15,94	19:06	A	UNKNOWN	0.29	PPM	90	7987	ambient
22			A	[redacted] UNK	2.44	PPM	113	67093	
22			A	UNKNOWN	2.17	PPM	121	59761	
22			A	[redacted] UNK	0.52	PPM	131	14233	
23	May 15,94	19:10	A	UNKNOWN	0.39	PPM	91	10606	ambient
23			A	[redacted] UNK	0.25	PPM	113	6896	
23			A	UNKNOWN	0.18	PPM	243	5063	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
23			A	TOLUENE	0.10	PPM	376	2828	PBM
23			A	UNKNOWN	0.29	PPM	650	7910	
24	May 15,94	19:23	A	UNKNOWN	0.15	PPM	90	4049	Q7
24			A	[redacted] UNK	0.35	PPM	113	9734	
24			A	[redacted] UNK	0.23	PPM	122	6259	
24			A	TOLUENE	0.43	PPM	382	11712	
25	May 15,94	19:32	A	UNKNOWN	0.12	PPM	89	3349	Q8
25			A	UNKNOWN	0.13	PPM	105	3655	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME	
1	May 15,94	13:28	C	TOLUENE	1.43 PPM	376	1920641	BTX	
1			C	XYLENE	1.50 PPM	578	1896075		
2	May 15,94	13:39	A	[redacted]	[redacted]	[redacted]	[redacted]	Q1	PBM
2			A	[redacted]	[redacted]	[redacted]	[redacted]		PBM
3	May 15,94	13:51	A	[redacted]	[redacted]	[redacted]	[redacted]	ambient	
4	May 15,94	13:57	A	[redacted]	[redacted]	[redacted]	[redacted]	Q1a2	
5	May 15,94	14:05	A	[redacted]	[redacted]	[redacted]	[redacted]	Q1b	
6	May 15,94	14:28	A	UNKNOWN	0.00 PPM	263	2466	Q1b2	
6			A	UNKNOWN	0.07 PPM	362	99141		
6			A	UNKNOWN	0.02 PPM	394	33369		
7	May 15,94	15:28	A	UNKNOWN	0.01 PPM	266	16900	Q2a	
7			A	UNKNOWN	0.79 PPM	366	1067752		
7			A	#ETHBENZ	0.01 PPM	545	15214		
7			A	UNKNOWN	0.01 PPM	629	11065		
8	May 15,94	15:41	C	BENZENE	1.04 PPM	269	4163672	BTX	
8			C	TOLUENE	1.43 PPM	400	7507734		
8			C	XYLENE	1.50 PPM	614	8245792		
9	May 15,94	15:53	A	[redacted]	[redacted]	[redacted]	[redacted]	ambient	
9			A	[redacted] UNK	0.00 PPM	233	8429		PBM
9			A	BENZENE	0.00 PPM	271	13336		
9			A	[redacted] UNK	0.00 PPM	370	9002		PBM

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME	
9			A	TOLUENE	0.00 PPM	402	7145		
10	May 15,94	16:01	A	[redacted]	[redacted]	[redacted]	[redacted]	Q2b	PBM
10			A	UNKNOWN	0.04 PPM	105	174049		
10			A	UNKNOWN	0.00 PPM	126	12896		
10			A	UNKNOWN	0.00 PPM	155	3992		
10			A	[redacted]	[redacted]	[redacted]	[redacted]		PBM
10			A	UNKNOWN	0.00 PPM	281	2791		
10			A	[redacted]	[redacted]	[redacted]	[redacted]		PBM
10			A	UNKNOWN	0.00 PPM	440	11031		
10			A	UNKNOWN	0.00 PPM	452	7088		
10			A	#M-XYLENE	0.00 PPM	635	5361		
10			A	UNKNOWN	0.00 PPM	883	9426		
11	May 15,94	16:18	A	[redacted]	[redacted]	[redacted]	[redacted]	Q3	PBM
11			A	[redacted]	[redacted]	[redacted]	[redacted]		PBM
11			A	[redacted]	[redacted]	[redacted]	[redacted]		PBM
12	May 15,94	16:50	A	[redacted]	[redacted]	[redacted]	[redacted]	Q4	PBM
12			A	[redacted]	[redacted]	[redacted]	[redacted]		PBM
13	May 15,94	17:13	A	UNKNOWN	0.00 PPM	81	1455	Q2adup	
13			A	UNKNOWN	0.00 PPM	137	5764		
13			A	[redacted] UNK	0.00 PPM	221	3654		PBM
13			A	UNKNOWN	0.00 PPM	279	6154		

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
13			A	UNKNOWN	0.26 PPM	385	1060719	
13			A	UNKNOWN	0.00 PPM	538	13122	

36		A [redacted]					
36		A [redacted]					
37	May 16,94 13:05	C BENZENE	1.04	PPM	273	1364601	BTX
37		C TOLUENE	1.43	PPM	404	2127990	
37		C XYLENE	1.50	PPM	616	2191249	
38	May 16,94 13:16	A UNKNOWN	0.00	PPM	85	1115	Q12
38		A UNKNOWN	27.59	PPM	107	36202078	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
38			A	UNKNOWN	38.55	PPM	112	50583191	
38			A	UNKNOWN	3.93	PPM	128	5155736	
38			A	UNKNOWN	0.34	PPM	151	448941	
38			A	UNKNOWN	0.44	PPM	157	571218	
38			A	BENZENE	0.02	PPM	273	31978	
38			A	TOLUENE	0.01	PPM	403	8374	
39	May 16,94	13:29	A	[redacted]					ambient
39			A	UNKNOWN	1.94	PPM	109	2541308	
39			A	UNKNOWN	0.30	PPM	128	392422	
39			A	UNKNOWN	0.02	PPM	150	30967	
40	May 16,94	13:40	A	[redacted]					ambient
40			A	UNKNOWN	0.03	PPM	110	37892	
41	May 16,94	13:46	A	UNKNOWN	0.01	PPM	87	10461	Q13
41			A	UNKNOWN	8.47	PPM	108	11110199	
41			A	UNKNOWN	1.12	PPM	129	1474445	
41			A	UNKNOWN	0.33	PPM	152	437844	
41			A	UNKNOWN	0.02	PPM	263	29678	
41			A	BENZENE	0.01	PPM	272	6848	
42	May 16,94	13:58	A	[redacted]					ambient
42			A	UNKNOWN	0.01	PPM	86	7147	
42			A	UNKNOWN	0.66	PPM	109	866522	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
42			A	UNKNOWN	0.04	PPM	130	51967	
42			A	UNKNOWN	0.01	PPM	152	17375	
42			A	UNKNOWN	0.01	PPM	285	17668	
42			A	[redacted] UNK	0.01	PPM	371	17060	
42			A	UNKNOWN	0.01	PPM	439	12207	
43	May 16,94	14:11	A	[redacted]					ambient
43			A	UNKNOWN	0.01	PPM	110	14867	
43			A	UNKNOWN	0.01	PPM	197	10339	
43			A	[redacted] UNK	0.00	PPM	235	5546	
43			A	[redacted] UNK	0.01	PPM	373	9282	
43			A	UNKNOWN	0.01	PPM	516	7482	
43			A	UNKNOWN	0.01	PPM	888	9362	
44	May 16,94	14:27	A	[redacted]					ambient
44			A	UNKNOWN	0.00	PPM	109	4360	
44			A	UNKNOWN	0.01	PPM	348	7338	
44			A	[redacted] UNK	0.03	PPM	371	35076	
45	May 16,94	15:01	A	UNKNOWN	0.00	PPM	85	786	ambient
45			A	UNKNOWN	0.01	PPM	96	11329	
45			A	[redacted] UNK	0.03	PPM	372	40826	
45			A	#ETHBENZ	0.01	PPM	586	13283	

P13M

25			A	UNKNOWN	1.00 PPM	121	27489	
25			A	[redacted] UNK	0.39 PPM	134	10745	
25			A	TOLUENE	1.00 PPM	384	27501	
26	May 15,94	19:40	C	BENZENE	1.04 PPM	280	3364321	BTX
26			C	TOLUENE	1.43 PPM	414	6408012	
26			C	XYLENE	1.50 PPM	631	7495088	
27	May 15,94	19:52	A	[redacted]				Q8dup
27			A	BENZENE	0.00 PPM	279	14532	
27			A	[redacted] UNK	0.03 PPM	381	109940	
27			A	TOLUENE	0.01 PPM	413	29267	
28	May 15,94	20:02	A	[redacted] UNK	0.00 PPM	135	14718	Q7dup
28			A	[redacted] UNK	0.01 PPM	321	20436	
28			A	TOLUENE	0.00 PPM	412	8203	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
28			A	UNKNOWN	0.00 PPM	461	3233	PBM
28			A	UNKNOWN	0.00 PPM	470	1972	
28			A	UNKNOWN	0.00 PPM	478	9937	
28			A	UNKNOWN	0.00 PPM	550	12389	
28			A	#M-XYLENE	0.00 PPM	664	8930	
29	May 16,94	10:32	C	UNKNOWN 0	10.00 PPB	63	24993	BTX
30	May 16,94	11:01	A	[redacted]				Q9
30			A	UNKNOWN	8.94 PPB	264	22340	
30			A	UNKNOWN	18.51 PPB	361	46251	
30			A	UNKNOWN	5.46 PPB	391	13651	
30			A	UNKNOWN	3.21 PPB	614	8028	
31	May 16,94	11:17	C	BENZENE	1.04 PPM	265	3278851	BTX
31			C	TOLUENE	1.43 PPM	393	5686799	
31			C	XYLENE	1.50 PPM	600	6180805	
32	May 16,94	11:29	A	[redacted]				ambient
32			A	BENZENE	0.01 PPM	264	16070	
32			A	[redacted] UNK	0.00 PPM	361	6976	
32			A	TOLUENE	0.00 PPM	392	6178	
33	May 16,94	11:37	A	[redacted]				Q9dup
33			A	[redacted]				
33			A	[redacted]				

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
33			A	[redacted]				PBM
33			A	[redacted]				
34	May 16,94	12:00	A	[redacted]				Q10
34			A	[redacted]				
34			A	[redacted]				
34			A	[redacted]				
34			A	[redacted]				
34			A	[redacted]				
35	May 16,94	12:21	A	UNKNOWN	0.00 PPM	80	748	ambient
35			A	BENZENE	0.00 PPM	263	770	
36	May 16,94	12:43	A	[redacted]				Q11
36			A	[redacted]				
36			A	[redacted]				
36			A	[redacted]				

52		A [redacted] LINK	0.32	PPM	133	420170		PBM
52		A UNKNOWN	0.02	PPM	160	26981		
53	May 16,94 16:25	A UNKNOWN	0.00	PPM	88	1540	ambient	
53		A UNKNOWN	0.05	PPM	111	68218		
53		A [redacted] LINK	0.04	PPM	119	56158		
53		A [redacted] LINK	0.02	PPM	132	19912		
53		A UNKNOWN	0.01	PPM	253	8737		
54	May 16,94 16:31	A UNKNOWN	0.01	PPM	88	7268	Q16	
54		A UNKNOWN	374.07	PPM	100	490824970		
54		A [redacted] LINK	13.48	PPM	188	17681499		
54		A [redacted] LINK	9.40	PPM	205	12332906		
54		A UNKNOWN	7.26	PPM	232	9531217		
54		A UNKNOWN	4.10	PPM	261	5374311		
54		A [redacted] LINK	0.19	PPM	329	244935		
54		A [redacted] LINK	0.01	PPM	408	20983		
55	May 16,94 16:53	A UNKNOWN	0.00	PPM	88	4496	ambient	
55		A UNKNOWN	175.05	PPM	107	229684435		
55		A UNKNOWN	7.43	PPM	155	9749893		
55		A [redacted] LINK	1.36	PPM	187	1780436		
55		A [redacted] LINK	0.68	PPM	205	892854		
55		A UNKNOWN	0.15	PPM	232	196511		

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME	
55				A UNKNOWN	0.02	PPM	378	21443		PBM
55				A UNKNOWN	0.00	PPM	420	3090		
56	May 16,94 17:01			A ~~UNKNOWN 3273.34 PPM 90 42~~					ambient	
56				A UNKNOWN	1.81	PPM	112	2377069		
56				A [redacted] LINK	3.36	PPM	122	4412638		
56				A [redacted] LINK	2.04	PPM	132	2670353		
56				A UNKNOWN	0.81	PPM	155	1066017		
56				A [redacted] LINK	0.02	PPM	187	28774		
57	May 16,94 17:11			A UNKNOWN	0.66	PPM	112	868198	ambient	
57				A [redacted] LINK	1.21	PPM	122	1581772		
57				A [redacted] LINK	0.79	PPM	132	1035318		
57				A UNKNOWN	0.22	PPM	156	291470		
57				A [redacted] LINK	0.01	PPM	185	15979		
58	May 16,94 17:15			A UNKNOWN	0.00	PPM	90	940	ambient	
58				A UNKNOWN	0.18	PPM	112	242524		
58				A [redacted] LINK	0.37	PPM	122	481836		
58				A [redacted] LINK	0.22	PPM	132	285436		
58				A UNKNOWN	0.03	PPM	155	36145		
59	May 16,94 17:19			A ~~UNKNOWN 3273.34 PPM 90 426~~					ambient	
59				A UNKNOWN	0.12	PPM	112	159065		
59				A [redacted] LINK	0.23	PPM	122	298206		

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME	
59				A [redacted] LINK	0.11	PPM	131	144905		PBM
59				A UNKNOWN	0.01	PPM	155	17057		
60	May 16,94 17:22			A UNKNOWN	0.00	PPM	89	1222	ambient	
60				A UNKNOWN	0.08	PPM	112	103547		
60				A [redacted] LINK	0.15	PPM	122	193203		

45			A	UNKNOWN	0.00 PPM	690	5501	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
46	May 16,94	15:24	A	UNKNOWN	0.01 PPM	85	10068	Q14 PBM
46			A	UNKNOWN	232.06 PPM	99	304492338	
46			A	UNKNOWN	56.58 PPM	160	74242442	
46			A	[redacted] LINK	3.17 PPM	182	4165610	
46			A	UNKNOWN	2.82 PPM	204	3700402	
46			A	UNKNOWN	1.61 PPM	231	2116158	
46			A	[redacted] LINK	0.02 PPM	374	27944	
47	May 16,94	15:35	A	UNKNOWN	82.82 PPM	107	108668698	ambient
47			A	[redacted] LINK	8.14 PPM	134	10675005	
47			A	UNKNOWN	2.59 PPM	158	3399192	
47			A	[redacted] LINK	0.20 PPM	182	267946	
47			A	UNKNOWN	0.07 PPM	204	87653	
47			A	UNKNOWN	0.02 PPM	230	21207	
48	May 16,94	15:46	A	UNKNOWN	0.00 PPM	88	765	ambient
48			A	UNKNOWN	0.56 PPM	111	729964	
48			A	[redacted] LINK	0.50 PPM	119	658451	
48			A	[redacted] LINK	0.39 PPM	131	511041	
48			A	UNKNOWN	0.03 PPM	159	39756	
49	May 16,94	15:54	A	[redacted]				ambient
49			A	UNKNOWN	0.16 PPM	111	213804	
49			A	[redacted] LINK	0.14 PPM	119	184360	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
49			A	[redacted] LINK	0.05 PPM	131	62790	PBM
50	May 16,94	15:58	A	UNKNOWN	0.00 PPM	88	6176	Q15
50			A	UNKNOWN	237.81 PPM	100	312035219	
50			A	UNKNOWN	12.85 PPM	151	16860955	
50			A	UNKNOWN	50.54 PPM	162	66317391	
50			A	[redacted] LINK	2.87 PPM	183	3767553	
50			A	[redacted] LINK	3.32 PPM	205	4355262	
50			A	UNKNOWN	1.87 PPM	232	2447846	
51	May 16,94	16:14	A	UNKNOWN	0.01 PPM	87	6855	ambient
51			A	UNKNOWN	26.39 PPM	111	34620547	
51			A	[redacted] LINK	31.28 PPM	118	41048104	
51			A	[redacted] LINK	6.11 PPM	136	8017895	
51			A	UNKNOWN	0.48 PPM	153	632105	
51			A	UNKNOWN	1.35 PPM	160	1777808	
51			A	[redacted] LINK	0.09 PPM	183	122739	
51			A	[redacted] LINK	0.08 PPM	206	102704	
51			A	UNKNOWN	0.02 PPM	232	21440	
51			A	UNKNOWN	0.02 PPM	377	22290	
52	May 16,94	16:22	A	UNKNOWN	0.00 PPM	88	804	ambient
52			A	UNKNOWN	0.43 PPM	112	562174	
52			A	[redacted] LINK	0.48 PPM	119	632581	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME

66			A	UNKNOWN	999.13	PPM	266	11633175	
66			A	[redacted] LINK	341.06	PPM	295	3971080	
66			A	[redacted] LINK	234.84	PPM	313	2734371	
66			A	UNKNOWN	510.52	PPM	336	5944179	
66			A	UNKNOWN	353.03	PPM	372	4110474	
67	May 16,94	18:36	A	[redacted] LINK	20485.15	PPM	109	238515967	ambient
67			A	[redacted] LINK	1260.52	PPM	158	14676637	
67									

*** ANALYSIS

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
67			A	UNKNOWN	67.41	PPM	249	784837	PBM
67			A	UNKNOWN	32.89	PPM	266	382971	
67			A	UNKNOWN	7.45	PPM	336	86738	
67			A	UNKNOWN	3.06	PPM	371	35621	
68	May 16,94	18:51	A	UNKNOWN	~~368876.97~~	~~PPM~~	~~94~~	~~960~~	ambient
68			A	[redacted] LINK	196.79	PPM	114	2291243	
68			A	[redacted] LINK	330.99	PPM	123	3853837	
68			A	[redacted] LINK	245.59	PPM	134	2859479	
68			A	[redacted] LINK	116.76	PPM	159	1359530	
68			A	[redacted] LINK	8.36	PPM	195	97384	
69	May 16,94	18:58	A	~~UNKNOWN~~	~~368876.88~~	~~PPM~~	~~90~~	~~2375~~	ambient
69			A	[redacted] LINK	30.53	PPM	114	355477	
69			A	[redacted] LINK	62.42	PPM	124	726779	
69			A	[redacted] LINK	46.71	PPM	134	543882	
69			A	[redacted] LINK	10.78	PPM	158	125511	
70	May 16,94	19:02	A	UNKNOWN	0.09	PPM	91	1047	ambient
70			A	[redacted] LINK	14.99	PPM	114	174521	
70									

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
71	May 16,94	19:06	A	~~UNKNOWN~~	~~368876.97~~	~~PPM~~	~~94~~	~~993~~	ambient PBM
71			A	[redacted] LINK	12.07	PPM	114	140545	
71			A	[redacted] LINK	21.31	PPM	124	248096	
71			A	[redacted] LINK	8.60	PPM	134	100092	
71			A	[redacted] LINK	3.73	PPM	157	43447	
72	May 16,94	19:10	A	UNKNOWN	0.84	PPM	92	9797	Q20
72			A	[redacted] LINK	628.50	PPM	114	7317793	
72			A	[redacted] LINK	111.50	PPM	135	1298195	
72			A	[redacted] LINK	28.88	PPM	158	336207	
73	May 16,94	19:17	A	[redacted] LINK	50.67	PPM	114	589989	ambient
73			A	[redacted] LINK	50.05	PPM	124	582808	
73			A	[redacted] LINK	33.60	PPM	135	391177	
73			A	[redacted] LINK	6.57	PPM	158	76511	
74	May 16,94	20:10	C	XYLENE	1.50	PPM	652	11172	BTX
74			C	UNKNOWN 1	10.00	PPB	803	1417386	
75	May 16,94	20:25	A	~~UNKNOWN~~	~~376660.30~~	~~PPM~~	~~94~~	~~822~~	ambient
75			A	UNKNOWN	21.17	PPM	115	157672	

60			A [redacted] LINK	0.05	PPM	132	60502	
60			A UNKNOWN	0.01	PPM	154	11133	
61	May 16,94	17:26	A UNKNOWN	0.01	PPM	90	12284	Q17
61			A UNKNOWN	103.49	PPM	106	135792401	
61			A [redacted] LINK	4.64	PPM	131	6089248	
61			A [redacted] LINK	6.25	PPM	137	8205206	
61			A UNKNOWN	4.17	PPM	155	5468356	
61			A [redacted] LINK	0.97	PPM	188	1278260	
61			A [redacted] LINK	0.49	PPM	206	643665	
61			A UNKNOWN	0.01	PPM	246	16190	
61			A [redacted] BENZENE	1.96	PPM	280	2572664	
61			A [redacted] LINK	0.07	PPM	332	91368	
61			A #TOLUENE	6.65	PPM	414	8730133	
61			A XYLENE	0.22	PPM	606	319053	
61			A #M-XYLENE	1.36	PPM	649	1784517	
61			A #O-XYLENE	0.35	PPM	802	461692	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
62	May 16,94	17:42	A	~~UNKNOWN~~	~~3273.31~~	~~PPM~~	~~79~~	~~2400~~	ambient PBM
62			A	UNKNOWN	0.01	PPM	88	12156	
62			A	UNKNOWN	1.79	PPM	113	2346168	
62			A	[redacted] LINK	1.77	PPM	121	2323757	
62			A	[redacted] LINK	1.11	PPM	133	1457580	
62			A	UNKNOWN	0.41	PPM	157	536614	
62			A	[redacted] LINK	0.02	PPM	188	21463	
62			A	UNKNOWN	0.08	PPM	281	108344	
62			A	UNKNOWN	0.01	PPM	380	10643	
62			A	#TOLUENE	0.14	PPM	415	185381	
62			A	UNKNOWN	0.01	PPM	528	8834	
63	May 16,94	17:54	A	UNKNOWN	0.00	PPM	90	1480	ambient
63			A	UNKNOWN	0.23	PPM	113	298176	
63			A	[redacted] LINK	0.37	PPM	122	480519	
63			A	[redacted] LINK	0.18	PPM	133	241807	
63			A	UNKNOWN	0.03	PPM	156	45016	
63			A	#BENZENE	0.01	PPM	279	7857	
64	May 16,94	18:00	A	UNKNOWN	0.01	PPM	37	8462	ambient
64			A	UNKNOWN	0.00	PPM	90	6378	
64			A	UNKNOWN	0.07	PPM	113	98282	
64			A	[redacted] LINK	0.12	PPM	122	158307	

*** ANALYSIS

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
64			A	[redacted] LINK	0.04	PPM	132	51260	PBM
64			A	UNKNOWN	0.00	PPM	155	6207	
65	May 16,94	18:11	C	TOLUENE	1.43	PPM	382	16650	BTX
65			C	UNKNOWN 1	10.00	PPB	416	2447529	
66	May 16,94	18:24	A	UNKNOWN	1.50	PPM	90	17494	Q18
66			A	UNKNOWN	43445.32	PPM	102	505849393	
66			A	UNKNOWN	5213.39	PPM	189	60701375	
66			A	[redacted] LINK	2921.78	PPM	197	34019289	
66			A	[redacted] LINK	4726.07	PPM	209	55027310	
66			A	UNKNOWN	1037.45	PPM	236	12079388	
66			A	UNKNOWN	788.93	PPM	249	9185832	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
80			A	UNKNOWN	0.02 PPM	110	23757	
80			A	[redacted] LINK	0.04 PPM	120	43651	
81	May 16,94	22:16	A	UNKNOWN	0.01 PPM	88	14299	Q19
81			A	UNKNOWN	111.68 PPM	105	118261978	
81			A	UNKNOWN	6.61 PPM	130	7003024	
81			A	UNKNOWN	0.57 PPM	152	598746	
81			A	UNKNOWN	0.70 PPM	158	745208	
81			A	UNKNOWN	0.02 PPM	203	26114	
82	May 16,94	22:28	A	UNKNOWN	0.00 PPM	88	2067	ambient
82			A	UNKNOWN	2.26 PPM	111	2391036	
82			A	[redacted] LINK	1.25 PPM	118	1318523	
82			A	UNKNOWN	0.68 PPM	132	724165	
82			A	UNKNOWN	0.01 PPM	153	10537	
83	May 16,94	22:32	A	UNKNOWN	0.00 PPM	88	47	ambient
83			A	UNKNOWN	0.06 PPM	111	62399	
83			A	[redacted] LINK	0.06 PPM	120	67200	
83			A	UNKNOWN	0.00 PPM	130	2816	
83			A	UNKNOWN	0.01 PPM	154	7426	
84	May 16,94	22:39	A	UNKNOWN	0.00 PPM	88	3455	Q20dup
84			A	UNKNOWN	6.08 PPM	111	6435441	
84			A	UNKNOWN	0.92 PPM	132	973775	

PBM

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
84			A	UNKNOWN	0.08 PPM	154	88765	
85	May 16,94	22:53	A	~~UNKNOWN 4055.98 PPM 88 664~~				ambient
85			A	UNKNOWN	0.35 PPM	112	373782	
85			A	[redacted] LINK	0.21 PPM	120	222808	
85			A	UNKNOWN	0.09 PPM	132	92451	
85			A	UNKNOWN	0.01 PPM	154	11752	
86	May 16,94	22:57	A	~~UNKNOWN 4055.98 PPM 89 1196~~				ambient
86			A	UNKNOWN	0.01 PPM	111	12216	
86			A	[redacted] LINK	0.01 PPM	121	8746	
86			A	UNKNOWN	0.01 PPM	132	6726	
87	May 16,94	23:01	C	BENZENE	1.04 PPM	280	235315	BTX
87			C	TOLUENE	1.43 PPM	413	391623	
87			C	XYLENE	1.50 PPM	627	294622	
88	May 16,94	23:14	A	UNKNOWN	1139.32 PPM	106	257786821	Q18-2
88			A	UNKNOWN	65.52 PPM	157	14825895	
88			A	[redacted] LINK	12.03 PPM	190	2722280	
88			A	UNKNOWN	6.58 PPM	208	1489638	
88			A	UNKNOWN	2.37 PPM	234	535609	
89	May 16,94	23:35	A	UNKNOWN	0.04 PPM	94	9457	ambient
89			A	UNKNOWN	1079.90 PPM	108	244343369	
89			A	UNKNOWN	58.37 PPM	158	13208150	

PBM

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
89			A	[redacted] LINK	12.90 PPM	191	2918194	
89			A	UNKNOWN	7.35 PPM	209	1662774	

PBM

75			A	UNKNOWN	39.67 PPM	125	295466	
75			A	UNKNOWN	25.72 PPM	136	191587	
75			A	UNKNOWN	4.18 PPM	161	31126	
75			A	UNKNOWN	0.39 PPM	173	2893	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
75			A	UNKNOWN	0.52 PPM	290	3877	PBM
76	May 16,94	20:32	A	~~UNKNOWN~~	~~576660.51 PPM~~	~~89~~	~~1455~~	ambient
76			A	UNKNOWN	5.19 PPM	116	38690	
76			A	UNKNOWN	9.62 PPM	125	71648	
76			A	UNKNOWN	0.47 PPM	135	3515	
77	May 16,94	20:38	C	BENZENE	1.04 PPM	277	1101278	BTX
77			C	TOLUENE	1.43 PPM	410	1894878	
77			C	XYLENE	1.50 PPM	625	2135710	
78	May 16,94	21:53	A	~~UNKNOWN~~	~~4055.98 PPM~~	~~86~~	~~1034~~	ambient
78			A	UNKNOWN	0.28 PPM	110	301066	
78			A	~~#1SOOOTAN~~ LNK	0.44 PPM	119	465096	
78			A	UNKNOWN	0.33 PPM	130	350636	
78			A	UNKNOWN	0.06 PPM	152	65296	
78			A	BENZENE	0.01 PPM	272	7327	
78			A	~~#4123TOA~~ LINK	0.04 PPM	372	43643	
78			A	TOLUENE	0.01 PPM	404	10004	
79	May 16,94	22:02	A	~~UNKNOWN~~	~~4055.98 PPM~~	~~86~~	~~1311~~	ambient
79			A	UNKNOWN	0.04 PPM	110	45899	
79			A	~~#1SOOOTAN~~ LNK	0.10 PPM	120	105638	
79			A	UNKNOWN	0.06 PPM	129	62306	
80	May 16,94	22:11	A	UNKNOWN	0.00 PPM	87	125	ambient

97			A	UNKNOWN	0.53 PPM	116	120713	
97			A	[redacted] LINK	0.81 PPM	125	183184	
97			A	[redacted] LINK	0.26 PPM	136	59732	
97			A	UNKNOWN	0.08 PPM	159	17786	
98	May 17,94	00:30	A	UNKNOWN	0.01 PPM	88	2264	ambient
98			A	UNKNOWN	0.18 PPM	113	39707	
98			A	[redacted] LINK	0.26 PPM	123	58946	
98			A	[redacted] LINK	0.07 PPM	135	14758	
99	May 17,94	00:36	A	UNKNOWN	0.04 PPM	89	8773	ambient
99			A	UNKNOWN	0.11 PPM	113	25577	
99			A	[redacted] LINK	0.22 PPM	123	50550	
99			A	[redacted] LINK	0.04 PPM	134	8733	
100	May 17,94	00:39	A	UNKNOWN	0.02 PPM	88	4392	ambient

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
100			A	UNKNOWN	0.08 PPM	113	18684	PBM
100			A	[redacted] LINK	0.13 PPM	123	29527	
101	May 17,94	00:42	A	UNKNOWN	0.03 PPM	35	6584	ambient
101			A	UNKNOWN	0.06 PPM	89	12718	
101			A	UNKNOWN	0.02 PPM	113	5182	
101			A	[redacted] LINK	0.04 PPM	123	9136	
102	May 17,94	00:45	A	[redacted]				ambient
102			A	UNKNOWN	0.07 PPM	89	15905	
102			A	[redacted] LINK	0.03 PPM	123	5946	
103	May 17,94	11:38	C	BENZENE	1.04 PPM	276	923375	BTX
103			C	TOLUENE	1.43 PPM	412	1459956	
103			C	XYLENE	1.50 PPM	632	1473642	
104	May 17,94	11:50	A	[redacted]				Q21
104			A	UNKNOWN	0.02 PPM	109	18584	
104			A	[redacted] LINK	0.03 PPM	119	23885	
104			A	UNKNOWN	0.01 PPM	165	9869	
104			A	[redacted] LINK	0.01 PPM	211	6308	
104			A	BENZENE	0.01 PPM	278	7006	
104			A	[redacted] LINK	0.00 PPM	325	3539	
104			A	UNKNOWN	0.01 PPM	390	4992	
104			A	UNKNOWN	0.01 PPM	494	4662	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
104			A	UNKNOWN	0.01 PPM	546	6576	PBM
104			A	#ETHBENZ	0.01 PPM	607	5420	
105	May 17,94	12:03	A	[redacted]				ambient
105			A	UNKNOWN	0.01 PPM	110	7696	
105			A	[redacted] LINK	0.01 PPM	119	12688	
105			A	[redacted] LINK	0.01 PPM	212	10441	
105			A	UNKNOWN	0.01 PPM	460	11237	
106	May 17,94	12:12	A	[redacted]				Q22
107	May 17,94	12:22	C	BENZENE	1.04 PPM	280	3345866	BTX
107			C	TOLUENE	1.43 PPM	418	6109804	
107			C	XYLENE	1.50 PPM	641	7040673	
108	May 17,94	12:34	A	[redacted]				Q21-2
108			A	UNKNOWN	0.00 PPM	155	5145	
108			A	UNKNOWN	0.00 PPM	165	3770	

89			A	UNKNOWN	3.17 PPM	235	716995	
89			A	[redacted] LINK	1.61 PPM	248	363922	
89			A	[redacted] LINK	0.07 PPM	334	15678	
90	May 16,94	23:42	A	[redacted]				ambient
90			A	UNKNOWN	17.83 PPM	115	4034043	
90			A	[redacted] LINK	20.94 PPM	124	4738841	
90			A	[redacted] LINK	14.22 PPM	135	3217058	
90			A	UNKNOWN	6.83 PPM	159	1545954	
90			A	[redacted] LINK	0.39 PPM	191	87683	
91	May 16,94	23:47	A	[redacted]				ambient
91			A	UNKNOWN	0.02 PPM	94	5163	
91			A	UNKNOWN	3.95 PPM	115	892964	
91			A	[redacted] LINK	5.54 PPM	124	1254277	
91			A	[redacted]	4.07 PPM	135	921082	
91			A	UNKNOWN	1.04 PPM	159	236224	
91			A	[redacted] LINK	0.06 PPM	190	12800	
92	May 16,94	23:52	A	UNKNOWN	0.01 PPM	93	2663	ambient
92			A	UNKNOWN	2.06 PPM	115	466390	
92			A	[redacted] LINK	3.35 PPM	125	758709	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
92			A	[redacted] LINK	2.30 PPM	135	520276	P3m
92			A	UNKNOWN	0.31 PPM	159	69501	
93	May 16,94	23:57	A	[redacted]				ambient
93			A	UNKNOWN	0.05 PPM	94	11037	
93			A	UNKNOWN	1.62 PPM	116	367657	
93			A	[redacted] LINK	2.74 PPM	125	620189	
93			A	[redacted] LINK	1.60 PPM	136	362284	
93			A	UNKNOWN	0.30 PPM	159	68024	
94	May 17,94	00:01	A	UNKNOWN	0.02 PPM	94	5466	Q17-2
94			A	UNKNOWN	17.63 PPM	115	3989091	
94			A	[redacted] LINK	11.40 PPM	123	2579568	
94			A	[redacted] LINK	6.74 PPM	136	1525796	
94			A	UNKNOWN	1.68 PPM	159	380353	
94			A	BENZENE	0.38 PPM	283	85473	
94			A	TOLUENE	0.69 PPM	419	188882	
95	May 17,94	00:15	A	UNKNOWN	0.05 PPM	95	10758	ambient
95			A	UNKNOWN	15.97 PPM	116	3613515	
95			A	[redacted] LINK	14.37 PPM	124	3251934	
95			A	[redacted] LINK	8.62 PPM	136	1951527	
95			A	UNKNOWN	3.33 PPM	160	754504	
95			A	[redacted] LINK	0.08 PPM	191	17758	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
95			A	BENZENE	0.40 PPM	285	91046	P3m
96	May 17,94	00:20	A	UNKNOWN	0.62 PPM	100	140325	ambient
96			A	UNKNOWN	0.99 PPM	116	223331	
96			A	[redacted] LINK	1.34 PPM	125	303679	
96			A	[redacted] LINK	0.48 PPM	136	108534	
96			A	UNKNOWN	0.18 PPM	160	40988	
96			A	BENZENE	0.03 PPM	285	6170	
97	May 17,94	00:26	A	UNKNOWN	0.06 PPM	92	13033	ambient

117			A	#11DCE	0.07 PPM	140	233744	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
117			A	UNKNOWN	0.01 PPM	163	17139	PBM
118	May 17,94	14:40	A	UNKNOWN	0.00 PPM	92	199	ambient
118			A	[redacted] LINK	0.07 PPM	119	223902	
118			A	UNKNOWN	0.09 PPM	128	277776	
118			A	[redacted] LINK	0.03 PPM	141	100374	
118			A	UNKNOWN	0.00 PPM	164	7188	
118			A	[redacted] LINK	0.00 PPM	225	5220	
119	May 17,94	14:45	A	UNKNOWN	0.00 PPM	96	2736	ambient
119			A	[redacted] LINK	0.00 PPM	119	10320	
120	May 17,94	15:15	A	[redacted]				Q27
120			A	UNKNOWN	124.25 PPM	104	399734599	
120			A	UNKNOWN	9.75 PPM	168	31371052	
120			A	[redacted] LINK	7.77 PPM	193	24992615	
120			A	[redacted] LINK	1.97 PPM	228	6328209	
120			A	[redacted] LINK	1.54 PPM	246	4939941	
120			A	UNKNOWN	2.55 PPM	263	8198042	
120			A	UNKNOWN	0.34 PPM	310	1102770	
120			A	UNKNOWN	0.50 PPM	332	1622053	
120			A	UNKNOWN	0.10 PPM	367	332813	
121	May 17,94	15:27	A	UNKNOWN	0.02 PPM	84	69894	ambient
121			A	UNKNOWN	31.77 PPM	114	102197930	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
121			A	UNKNOWN	4.82 PPM	132	15512063	PBM
121			A	UNKNOWN	1.80 PPM	155	5791907	
121			A	[redacted] LINK	0.51 PPM	169	1635145	
121			A	[redacted] LINK	1.06 PPM	194	3407427	
121			A	[redacted] LINK	0.11 PPM	230	350271	
121			A	[redacted] LINK	0.06 PPM	246	191045	
121			A	UNKNOWN	0.01 PPM	263	26699	
121			A	UNKNOWN	0.01 PPM	331	30821	
122	May 17,94	15:33	A	UNKNOWN	0.14 PPM	112	465939	ambient
122			A	[redacted] LINK	0.44 PPM	122	1411150	
122			A	UNKNOWN	0.35 PPM	133	1117681	
122			A	UNKNOWN	0.18 PPM	156	593113	
122			A	UNKNOWN	0.02 PPM	168	52563	
122			A	[redacted] LINK	0.04 PPM	194	128529	
123	May 17,94	15:41	A	UNKNOWN	0.00 PPM	88	468	ambient
123			A	UNKNOWN	0.06 PPM	113	190983	
123			A	[redacted] LINK	0.17 PPM	122	535699	
123			A	UNKNOWN	0.08 PPM	133	254594	
123			A	[redacted] LINK	0.06 PPM	138	204157	
123			A	UNKNOWN	0.07 PPM	156	212976	
123			A	[redacted] LINK	0.01 PPM	194	43403	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME

108			A [redacted] UNK	0.00	PPM	213	4240	
109	May 17,94	12:45	A [redacted]	[redacted]		[redacted]	[redacted]	Q23
109			A UNKNOWN	0.00	PPM	111	10931	
109			A [redacted] UNK	0.00	PPM	121	11201	
109			A BENZENE	0.00	PPM	284	9529	
109			A UNKNOWN	0.00	PPM	291	822	
109			A UNKNOWN	0.00	PPM	299	2869	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
109			A	TOLUENE	0.00	PPM	422	3308	PBM
110	May 17,94	12:57	A	[redacted]	[redacted]		[redacted]	[redacted]	Q24
110			A [redacted] UNK		0.00	PPM	122	1311	
110			A	UNKNOWN	0.00	PPM	479	10552	
110			A	UNKNOWN	0.00	PPM	492	3548	
111	May 17,94	13:09	A		0.00	PPB	30	0	Q22-2
112	May 17,94	13:15	A	UNKNOWN	0.00	PPM	91	5333	Q25
112			A	UNKNOWN	4.31	PPM	114	13881002	
112			A [redacted] UNK		0.53	PPM	137	1698273	
112			A	UNKNOWN	0.20	PPM	161	654614	
112			A [redacted] UNK		0.01	PPM	215	46338	
112			A	UNKNOWN	0.01	PPM	398	20383	
113	May 17,94	13:26	A	[redacted]	[redacted]		[redacted]	[redacted]	ambient
113			A	UNKNOWN	0.31	PPM	115	1007276	
113			A [redacted] UNK		0.01	PPM	138	46846	
113			A	UNKNOWN	0.00	PPM	162	9562	
114	May 17,94	13:33	A	UNKNOWN	0.00	PPM	91	109	ambient
114			A	UNKNOWN	0.00	PPM	116	11598	
114			A [redacted] UNK		0.00	PPM	385	7548	
115	May 17,94	13:41	A	UNKNOWN	0.00	PPM	92	2580	Q26
115			A	UNKNOWN	90.22	PPM	106	290267956	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
115			A	UNKNOWN	1.17	PPM	162	3770285	PBM
115			A [redacted] UNK		3.10	PPM	169	9957935	
115			A [redacted] UNK		0.49	PPM	194	1573731	
115			A [redacted] UNK		0.47	PPM	218	1523055	
115			A [redacted] UNK		0.07	PPM	245	209885	
115			A [redacted] UNK		0.01	PPM	342	21315	
115			A	UNKNOWN	0.00	PPM	440	4937	
115			A	#ETHBENZ	0.00	PPM	615	8356	
115			A	UNKNOWN	0.00	PPM	761	7861	
115			A	UNKNOWN	0.00	PPM	855	3501	
116	May 17,94	13:58	A	UNKNOWN	0.00	PPM	92	4126	ambient
116			A	UNKNOWN	11.86	PPM	117	38162049	
116			A	UNKNOWN	1.50	PPM	143	4827286	
116			A	UNKNOWN	0.17	PPM	163	558592	
116			A [redacted] UNK		0.21	PPM	169	673079	
116			A [redacted] UNK		0.01	PPM	218	45469	
116			A [redacted] UNK		0.00	PPM	370	11356	
117	May 17,94	14:05	A	[redacted]	[redacted]		[redacted]	[redacted]	ambient
117			A	UNKNOWN	0.15	PPM	118	474249	
117			A	UNKNOWN	0.14	PPM	126	451091	

132			A	UNKNOWN	0.02	PPM	131	57190	
132			A	UNKNOWN	0.01	PPM	154	37486	
132			A	[redacted] UNK	0.00	PPM	193	10064	
132			A	[redacted] UNK	0.00	PPM	210	6981	
133	May 17,94	17:47	A	UNKNOWN	0.00	PPM	77	5571	Q31
133			A	UNKNOWN	76.77	PPM	108	239282385	
133			A	UNKNOWN	15.07	PPM	152	46986650	
133			A	UNKNOWN	8.50	PPM	159	26502359	
133			A	[redacted] UNK	2.54	PPM	169	7918829	
133			A	UNKNOWN	4.33	PPM	195	13500841	
133			A	[redacted] UNK	1.28	PPM	222	3994702	
133			A	[redacted] UNK	1.39	PPM	247	4343385	
133			A	UNKNOWN	1.22	PPM	265	3803156	
133			A	UNKNOWN	1.16	PPM	292	3608150	
133			A	[redacted] UNK	1.78	PPM	333	5558656	
133			A	[redacted] UNK	1.38	PPM	368	4288455	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
133			A	#M-XYLENE	0.01	PPM	676	18668	P3M
134	May 17,94	17:59	A	UNKNOWN	0.18	PPM	112	570865	ambient
134			A	[redacted] UNK	0.53	PPM	122	1664191	
134			A	[redacted] UNK	0.56	PPM	134	1760218	
134			A	UNKNOWN	0.31	PPM	156	958602	
134			A	[redacted] UNK	0.05	PPM	170	166731	
134			A	UNKNOWN	0.08	PPM	196	245519	
134			A	[redacted] UNK	0.03	PPM	247	83148	
134			A	UNKNOWN	0.00	PPM	264	6161	
134			A	[redacted] UNK	0.07	PPM	333	207106	
134			A	[redacted] UNK	0.03	PPM	368	104134	
135	May 17,94	18:10	A	[redacted]					ambient
135			A	UNKNOWN	0.01	PPM	112	27971	
135			A	[redacted] UNK	0.04	PPM	122	113443	
135			A	[redacted] UNK	0.03	PPM	133	96629	
135			A	UNKNOWN	0.02	PPM	156	60837	
135			A	UNKNOWN	0.01	PPM	196	23704	
136	May 17,94	18:15	A	UNKNOWN	0.00	PPM	51	265	Q31-2
136			A	[redacted] UNK	36.00	PPM	118	112193492	
136			A	[redacted] UNK	11.16	PPM	133	34792566	
136			A	UNKNOWN	14.90	PPM	141	46455812	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
136			A	UNKNOWN	3.32	PPM	158	10341366	P3M
136			A	[redacted] UNK	1.18	PPM	172	3692628	
136			A	UNKNOWN	2.36	PPM	198	7359826	
136			A	UNKNOWN	0.47	PPM	250	1480072	
136			A	UNKNOWN	0.23	PPM	268	720423	
136			A	UNKNOWN	0.04	PPM	295	132763	
136			A	[redacted] UNK	0.26	PPM	336	812256	
136			A	[redacted] UNK	0.14	PPM	372	423292	
137	May 17,94	18:26	A	UNKNOWN	0.00	PPM	87	2762	ambient
137			A	UNKNOWN	0.19	PPM	113	597128	
137			A	[redacted] UNK	0.55	PPM	123	1704881	

124	May 17,94 15:45	A	[redacted]					ambient PBM
124		A	UNKNOWN	0.00	PPM	101	1058	
124		A	UNKNOWN	0.02	PPM	113	76070	
124		A	[redacted] LINK	0.06	PPM	123	182300	
124		A	UNKNOWN	0.03	PPM	133	110912	
124		A	UNKNOWN	0.02	PPM	156	66468	
124		A	[redacted] LINK	0.00	PPM	194	11592	
125	May 17,94 15:49	A	[redacted]					ambient
125		A	UNKNOWN	0.01	PPM	113	41746	
125		A	[redacted] LINK	0.04	PPM	122	121382	
125		A	UNKNOWN	0.01	PPM	132	45358	
125		A	UNKNOWN	0.01	PPM	156	39557	
126	May 17,94 15:53	A	UNKNOWN	0.00	PPM	90	680	ambient
126		A	UNKNOWN	0.01	PPM	112	18744	
126		A	[redacted] LINK	0.02	PPM	122	56442	
126		A	UNKNOWN	0.00	PPM	132	10449	
126		A	UNKNOWN	0.01	PPM	156	25890	
127	May 17,94 15:57	A	UNKNOWN	0.00	PPM	91	5007	ambient
127		A	UNKNOWN	0.01	PPM	113	20631	
127		A	[redacted] LINK	0.02	PPM	123	63113	
127		A	[redacted] LINK	0.01	PPM	134	16981	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
127			A	UNKNOWN	0.01	PPM	156	22213	PBM
128	May 17,94 16:03		A	[redacted]					Q28
128			A	[redacted]					
128			A	[redacted]					
128			A	[redacted]					
128			A	[redacted]					
129	May 17,94 16:13		A	[redacted]					Q29
129			A	[redacted]					
129			A	[redacted]					
129			A	[redacted]					
129			A	[redacted]					
129			A	[redacted]					
129			A	[redacted]					
129			A	[redacted]					
130	May 17,94 16:25		A	[redacted]					Q30
130			A	[redacted]					
130			A	[redacted]					
130			A	[redacted]					
130			A	[redacted]					
130			A	[redacted]					
131	May 17,94 17:05		C	BENZENE	1.04	PPM	276	3241562	BTX

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
131			C	TOLUENE	1.43	PPM	409	6657313	PBM
131			C	XYLENE	1.50	PPM	624	8277421	
132	May 17,94 17:42		A	UNKNOWN	0.00	PPM	85	2420	blank
132			A	UNKNOWN	0.02	PPM	111	51424	
132			A	[redacted] LINK	0.04	PPM	121	127315	

146			A	UNKNOWN	42.32	PPM	135	53340379
146			A	UNKNOWN	5.54	PPM	158	6983111
146			A	[redacted] UNK	0.71	PPM	192	900791
146			A	UNKNOWN	0.18	PPM	211	228287

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
146			A	[redacted] UNK	0.01	PPM	282	16549	PBM
147	May 17,94	19:56	A	[redacted]	[redacted]		[redacted]	[redacted]	ambient
147			A	UNKNOWN	1.10	PPM	115	1389764	
147			A	[redacted] UNK	1.65	PPM	125	2083132	
147			A	UNKNOWN	1.00	PPM	136	1255915	
147			A	UNKNOWN	0.26	PPM	159	329066	
148	May 17,94	20:00	A		0.00	PPB	30	0	ambeitn
149	May 18,94	11:21	A		0.00	PPB	30	0	ambient
150	May 18,94	11:27	C	UNKNOWN 0	10.00	PPB	83	1143227	BTX
151	May 18,94	11:41	A	UNKNOWN	0.02	PPB	79	2677	Q34
151			A	UNKNOWN	0.16	PPB	273	18205	
151			A	UNKNOWN	0.14	PPB	374	15944	
151			A	UNKNOWN	0.14	PPB	406	15693	
151			A	UNKNOWN	0.03	PPB	418	3851	
151			A	UNKNOWN	0.09	PPB	639	10195	
151			A	UNKNOWN	0.08	PPB	840	9055	
152	May 18,94	12:14	A	[redacted]	[redacted]		[redacted]	[redacted]	ambient
152			A	UNKNOWN	0.06	PPB	110	7190	
152			A	UNKNOWN	0.05	PPB	120	5177	
152			A	UNKNOWN	0.08	PPB	279	9153	
152			A	UNKNOWN	0.31	PPB	382	35410	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
152			A	UNKNOWN	0.05	PPB	414	5938	PBM
153	May 18,94	12:22	A	[redacted]	[redacted]		[redacted]	[redacted]	ambient
154	May 18,94	12:29	A	[redacted]	[redacted]		[redacted]	[redacted]	Q35
154			A	UNKNOWN	0.05	PPB	159	6269	
155	May 18,94	12:42	A	[redacted]	[redacted]		[redacted]	[redacted]	Q34b
155			A	UNKNOWN	0.06	PPB	141	6933	
155			A	UNKNOWN	0.15	PPB	876	16985	
156	May 18,94	13:27	A	UNKNOWN	0.11	PPB	82	12857	Q36
156			A	UNKNOWN	1419.78	PPB	100	162313102	
156			A	UNKNOWN	173.21	PPB	129	19801263	
156			A	UNKNOWN	20.11	PPB	159	2298521	
156			A	UNKNOWN	1.84	PPB	206	210334	
156			A	UNKNOWN	0.21	PPB	221	23748	
156			A	UNKNOWN	0.05	PPB	278	6237	
156			A	UNKNOWN	1.11	PPB	382	127036	
156			A	UNKNOWN	0.12	PPB	413	13263	
156			A	UNKNOWN	4.75	PPB	480	543027	
157	May 18,94	13:44	A	[redacted]	[redacted]		[redacted]	[redacted]	ambient
157			A	UNKNOWN	14.85	PPB	110	1697776	
157			A	UNKNOWN	2.10	PPB	133	240594	
158	May 18,94	13:49	A	UNKNOWN	0.00	PPB	45	125	ambient

137		A	[redacted] UNK	0.55	PPM	134	1716313	
137		A	UNKNOWN	0.36	PPM	157	1121200	
137		A	UNKNOWN	0.08	PPM	197	245513	
137		A	UNKNOWN	0.02	PPM	248	77473	
137		A	UNKNOWN	0.00	PPM	266	13116	
138	May 17,94 18:32	A	UNKNOWN	0.03	PPM	57	79198	ambient
138		A	UNKNOWN	0.00	PPM	96	5121	
138		A	UNKNOWN	0.01	PPM	112	17191	
138		A	[redacted] UNK	0.02	PPM	122	59766	
138		A	[redacted] UNK	0.01	PPM	133	26170	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
138			A	[redacted] UNK	0.00	PPM	139	13723	P3m
138			A	UNKNOWN	0.02	PPM	157	50537	
138			A	UNKNOWN	0.00	PPM	196	12083	
139	May 17,94 18:35		A	[redacted]					ambient
139			A	UNKNOWN	0.00	PPM	102	8842	
139			A	[redacted] UNK	0.00	PPM	122	5149	
139			A	[redacted] UNK	0.01	PPM	134	18179	
139			A	UNKNOWN	0.00	PPM	156	6523	
140	May 17,94 18:39		C	BENZENE	1.04	PPM	285	253725	BTX
140			C	TOLUENE	1.43	PPM	420	423346	
140			C	XYLENE	1.50	PPM	638	359016	
141	May 17,94 18:51		A	UNKNOWN	0.01	PPM	95	2325	Q32
141			A	UNKNOWN	26.26	PPM	115	6406709	
141			A	[redacted] UNK	23.07	PPM	125	5628582	
141			A	UNKNOWN	12.58	PPM	136	3070027	
141			A	UNKNOWN	3.51	PPM	159	855404	
141			A	BENZENE	0.05	PPM	282	12856	
142	May 17,94 18:57		A	[redacted]					ambient
142			A	UNKNOWN	14.65	PPM	116	3575212	
142			A	[redacted] UNK	14.55	PPM	126	3549085	
142			A	UNKNOWN	9.79	PPM	136	2387945	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
142			A	UNKNOWN	2.49	PPM	159	607667	P3m
143	May 17,94 19:01		A	[redacted]					ambient
143			A	UNKNOWN	0.39	PPM	116	96041	
143			A	[redacted] UNK	0.70	PPM	126	169825	
143			A	UNKNOWN	0.24	PPM	136	58830	
143			A	UNKNOWN	0.07	PPM	160	17298	
144	May 17,94 19:05		A	[redacted]					Q33
144			A	[redacted]					
144			A	[redacted]					
144			A	[redacted]					
144			A	[redacted]					
144			A	[redacted]					
145	May 17,94 19:14		C	BENZENE	1.04	PPM	285	1310826	BTX
145			C	TOLUENE	1.43	PPM	420	2409194	
145			C	XYLENE	1.50	PPM	638	2869532	
146	May 17,94 19:42		A	UNKNOWN	0.00	PPM	92	2792	Q32-2
146			A	UNKNOWN	100.56	PPM	112	126750115	

163			A	UNKNOWN	6.84	PPB	133	781842	
163			A	UNKNOWN	7.65	PPB	149	874748	
163			A	UNKNOWN	1.83	PPB	162	209734	
163			A	UNKNOWN	1.84	PPB	186	210380	
163			A	UNKNOWN	0.14	PPB	267	16514	
164	May 18,94	14:54	A	~~UNKNOWN~~	~~37568.80~~	~~PPB~~	~~83~~	~~590~~	ambient
164			A	UNKNOWN	0.05	PPB	92	5677	
164			A	UNKNOWN	2.24	PPB	107	256172	
164			A	UNKNOWN	5.73	PPB	117	655107	
164			A	UNKNOWN	3.17	PPB	126	362867	
164			A	UNKNOWN	4.70	PPB	133	536960	
164			A	UNKNOWN	5.48	PPB	149	626952	
164			A	UNKNOWN	1.05	PPB	162	120242	
164			A	UNKNOWN	1.63	PPB	186	186258	
164			A	UNKNOWN	0.06	PPB	204	7214	
165	May 18,94	14:58	A	~~UNKNOWN~~	~~37568.79~~	~~PPB~~	~~83~~	~~4340~~	ambient
165			A	UNKNOWN	1.69	PPB	107	193553	
165			A	UNKNOWN	4.21	PPB	117	481069	
165			A	UNKNOWN	2.62	PPB	127	299525	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
165			A	UNKNOWN	3.80	PPB	133	434299	PBM
165			A	UNKNOWN	3.68	PPB	149	420860	
165			A	UNKNOWN	0.62	PPB	162	71027	
165			A	UNKNOWN	1.19	PPB	187	136173	
166	May 18,94	15:02	A	UNKNOWN	0.02	PPB	84	2024	ambient
166			A	UNKNOWN	1.15	PPB	107	131684	
166			A	UNKNOWN	3.43	PPB	117	391613	
166			A	UNKNOWN	1.97	PPB	126	225091	
166			A	UNKNOWN	1.97	PPB	133	224695	
166			A	UNKNOWN	1.88	PPB	150	215209	
166			A	UNKNOWN	0.21	PPB	162	24296	
166			A	UNKNOWN	0.68	PPB	186	77304	
167	May 18,94	15:09	A	UNKNOWN	0.04	PPB	90	4447	Q38
167			A	UNKNOWN	186.38	PPB	111	21307174	
167			A	UNKNOWN	477.48	PPB	117	54586554	
167			A	UNKNOWN	218.06	PPB	131	24929398	
167			A	UNKNOWN	64.91	PPB	153	7420281	
167			A	UNKNOWN	10.26	PPB	185	1172667	
167			A	UNKNOWN	3.59	PPB	202	410727	
167			A	~~UNKNOWN~~ BENZENE	7.28	PPB	274	832670	
167			A	~~UNKNOWN~~ TOLUENE	5.45	PPB	404	623032	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT		RT	AREA	NAME
167			A	UNKNOWN	0.24	PPB	590	27795	
167			A	UNKNOWN	0.10	PPB	613	11861	
167			A	UNKNOWN	0.05	PPB	630	5623	
168	May 18,94	15:21	A	UNKNOWN	0.03	PPB	92	3149	ambient
168			A	UNKNOWN	200.70	PPB	111	22944214	
168			A	UNKNOWN	446.07	PPB	118	50995940	
168			A	UNKNOWN	314.32	PPB	131	35934176	
168			A	UNKNOWN	84.01	PPB	153	9604408	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
158			A	UNKNOWN	0.13 PPB	110	15116	
158			A	UNKNOWN	0.09 PPB	131	10394	
159	May 18,94	14:06	A	UNKNOWN	0.09 PPB	88	10423	Q37
159			A	UNKNOWN	2345.94 PPB	101	268194446	
159			A	UNKNOWN	634.07 PPB	152	72489004	
159			A	UNKNOWN	82.72 PPB	184	9457064	
159			A	UNKNOWN	1.54 PPB	255	175861	
159			A	UNKNOWN	4.22 PPB	270	482892	
159			A	UNKNOWN	0.30 PPB	399	34528	
159			A	UNKNOWN	0.14 PPB	607	16533	
160	May 18,94	14:26	A	UNKNOWN	2464.73 PPB	101	281774213	ambient
160			A	UNKNOWN	803.76 PPB	157	91888269	
160			A	UNKNOWN	72.27 PPB	164	8262121	
160			A	UNKNOWN	106.72 PPB	185	12201087	
160			A	UNKNOWN	27.91 PPB	226	3190222	
160			A	UNKNOWN	5.52 PPB	256	630883	
160			A	UNKNOWN	8.49 PPB	271	970918	
160			A	UNKNOWN	0.38 PPB	400	43959	
161	May 18,94	14:38	A	~~UNKNOWN~~	~~37568.00 PPB~~	~~88~~	~~645~~	ambient
161			A	UNKNOWN	26.89 PPB	106	3074700	
161			A	UNKNOWN	64.98 PPB	116	7429244	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
161			A	UNKNOWN	37.69 PPB	125	4308991	
161			A	UNKNOWN	38.01 PPB	131	4345275	
161			A	UNKNOWN	40.37 PPB	148	4614773	
161			A	UNKNOWN	14.36 PPB	161	1641128	
161			A	UNKNOWN	20.26 PPB	185	2316448	
161			A	UNKNOWN	2.39 PPB	213	273685	
161			A	UNKNOWN	0.07 PPB	235	7673	
161			A	UNKNOWN	0.06 PPB	252	7067	
161			A	UNKNOWN	0.42 PPB	267	48256	
162	May 18,94	14:43	A	UNKNOWN	0.08 PPB	66	9478	ambient
162			A	UNKNOWN	5.36 PPB	107	613144	
162			A	UNKNOWN	13.14 PPB	116	1502044	
162			A	UNKNOWN	8.32 PPB	126	950994	
162			A	UNKNOWN	12.09 PPB	132	1382188	
162			A	UNKNOWN	12.53 PPB	149	1432826	
162			A	UNKNOWN	4.06 PPB	161	464095	
162			A	UNKNOWN	4.11 PPB	185	470287	
162			A	UNKNOWN	0.09 PPB	211	10396	
162			A	UNKNOWN	0.22 PPB	267	25681	
163	May 18,94	14:48	A	UNKNOWN	0.05 PPB	83	6023	ambient
163			A	UNKNOWN	2.53 PPB	107	289563	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
163			A	UNKNOWN	8.27 PPB	116	944910	
163			A	UNKNOWN	5.04 PPB	126	576468	

174			A [redacted] UNK	0.12 PPM	121	158258		
174			A [redacted] UNK	0.08 PPM	131	102098		
174			A [redacted] UNK	0.09 PPM	137	111668		
174			A UNKNOWN	0.07 PPM	154	83110		
174			A [redacted] UNK	0.01 PPM	187	13825		
175	May 18,94	16:43	A UNKNOWN	0.00 PPM	90	5025	ambient	
175			A UNKNOWN	0.02 PPM	111	24405		

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME	
175			A [redacted] UNK	0.07 PPM	121	86520			P3m
175			A [redacted] UNK	0.04 PPM	131	44773			
175			A UNKNOWN	0.02 PPM	138	29464			
175			A UNKNOWN	0.06 PPM	155	81454			
176	May 18,94	16:47	A UNKNOWN	0.00 PPM	90	5530	ambient		
176			A UNKNOWN	0.01 PPM	111	15318			
176			A [redacted] UNK	0.04 PPM	121	53339			
176			A [redacted] UNK	0.02 PPM	131	22050			
176			A UNKNOWN	0.01 PPM	138	16562			
176			A UNKNOWN	0.04 PPM	155	52701			
176			A [redacted] UNK	0.01 PPM	190	12680			
177	May 18,94	16:53	A [redacted]					Q39	
177			A [redacted]						
177			A [redacted]						
177			A [redacted]						
177			A [redacted]						
177			A [redacted]						
177			A [redacted]						
178	May 18,94	17:00	A UNKNOWN	0.01 PPM	89	10927	ambient		
178			A UNKNOWN	0.03 PPM	112	34291			
178			A [redacted] UNK	0.09 PPM	121	114511			

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME	
178			A [redacted] UNK	0.05 PPM	131	59565			P3m
178			A UNKNOWN	0.03 PPM	138	41346			
178			A UNKNOWN	0.03 PPM	154	43515			
178			A [redacted] UNK	0.00 PPM	167	3952			
179	May 18,94	17:04	A UNKNOWN	0.00 PPM	90	5424	ambient		
179			A UNKNOWN	0.01 PPM	111	8576			
179			A [redacted] UNK	0.02 PPM	121	23061			
179			A [redacted] UNK	0.01 PPM	131	6366			
179			A [redacted] UNK	0.00 PPM	137	5689			
179			A UNKNOWN	0.02 PPM	157	21207			
180	May 18,94	17:23	A UNKNOWN	0.01 PPM	90	8690	Q40		
180			A UNKNOWN	1.19 PPM	112	1512057			
180			A [redacted] UNK	0.53 PPM	121	676823			
180			A [redacted] UNK	0.39 PPM	133	496163			
180			A UNKNOWN	0.10 PPM	155	124476			
180			A [redacted] UNK	0.02 PPM	190	28513			
180			A BENZENE	0.01 PPM	277	8305			
180			A UNKNOWN	0.02 PPM	378	25678			
180			A #ETHBENZ	0.01 PPM	583	17683			
180			A UNKNOWN	0.01 PPM	780	13361			

168		A	UNKNOWN	15.81	PPB	186	1807871	
168		A	UNKNOWN	7.94	PPB	203	907878	
168		A	UNKNOWN	1.28	PPB	227	146455	
168		A	UNKNOWN	7.60	PPB	274	868496	
168		A	UNKNOWN	4.79	PPB	405	547778	
168		A	UNKNOWN	0.09	PPB	591	10800	
169	May 18,94 15:48	C	BENZENE	1.04	PPM	273	1318987	BTX
169		C	TOLUENE	1.43	PPM	404	2235373	
169		C	UNKNOWN 2	10.00	PPB	615	2549345	
170	May 18,94 16:00	A	UNKNOWN	0.00	PPM	88	1896	ambient
170		A	UNKNOWN	0.49	PPM	111	622750	
170		A	[redacted] UNK	1.20	PPM	120	1528145	
170		A	UNKNOWN	0.72	PPM	130	912724	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
170			A	[redacted] UNK	0.79 PPM	136	999020	PBM
170			A	UNKNOWN	0.94 PPM	153	1192295	
170			A	[redacted] UNK	0.26 PPM	166	324233	
170			A	[redacted] UNK	0.13 PPM	190	162371	
170			A	BENZENE	0.08 PPM	274	102804	
170			A	TOLUENE	0.07 PPM	404	107033	
171	May 18,94	16:16	A	UNKNOWN	0.00 PPM	88	6234	ambient
171			A	UNKNOWN	0.23 PPM	111	287554	
171			A	[redacted] UNK	0.54 PPM	120	688051	
171			A	UNKNOWN	0.36 PPM	130	456792	
171			A	[redacted] UNK	0.40 PPM	136	512633	
171			A	UNKNOWN	0.43 PPM	153	542057	
171			A	[redacted] UNK	0.08 PPM	166	96750	
171			A	[redacted] UNK	0.07 PPM	190	90631	
171			A	BENZENE	0.03 PPM	274	34513	
171			A	[redacted] UNK	0.01 PPM	373	11601	
171			A	TOLUENE	0.03 PPM	405	40495	
172	May 18,94	16:26	A	UNKNOWN	0.09 PPM	111	109407	ambient
172			A	[redacted] UNK	0.27 PPM	121	341680	
172			A	[redacted] UNK	0.15 PPM	131	187669	
172			A	[redacted] UNK	0.17 PPM	137	213092	

*** ANALYSIS *** PRESS <esc> TO STOP OR ANY OTHER KEY TO CONTINUE ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
172			A	UNKNOWN	0.15 PPM	154	185812	PBM
172			A	[redacted] UNK	0.01 PPM	166	8138	
172			A	[redacted] UNK	0.02 PPM	190	30598	
172			A	BENZENE	0.01 PPM	274	9215	
173	May 18,94	16:31	A	[redacted]				ambient
173			A	UNKNOWN	0.01 PPM	74	7276	
173			A	UNKNOWN	0.00 PPM	89	5791	
173			A	UNKNOWN	0.04 PPM	111	45312	
173			A	[redacted] UNK	0.12 PPM	121	153151	
173			A	[redacted] UNK	0.07 PPM	131	87310	
173			A	[redacted] UNK	0.06 PPM	137	80739	
173			A	UNKNOWN	0.07 PPM	154	89432	
174	May 18,94	16:39	A	UNKNOWN	0.01 PPM	89	7472	ambient
174			A	UNKNOWN	0.05 PPM	111	58554	

180			A UNKNOWN	0.00 PPM	848	4088		

*** ANALYSIS *** PRESS ANY KEY TO RETURN TO MENU ***

TRACE	DATE	TIME	C/A	PEAK	CONCNT	RT	AREA	NAME
181	May 18,94	17:48	A	UNKNOWN	0.00 PPM	90	6250	ambient PBM
181			A	UNKNOWN	0.13 PPM	112	159393	
181			A	~~#1000TAN~~ LINK	0.23 PPM	122	289032	
181			A	~~#44000~~ LINK	0.12 PPM	133	154534	
181			A	UNKNOWN	0.08 PPM	139	101513	
181			A	UNKNOWN	0.08 PPM	156	103144	
181			A	BENZENE	0.01 PPM	278	14312	
182	May 18,94	17:54	A	UNKNOWN	0.00 PPM	90	3290	ambient
182			A	UNKNOWN	0.01 PPM	113	12953	
182			A	UNKNOWN	0.03 PPM	123	42165	
182			A	~~#44000~~ LINK	0.00 PPM	133	5919	
182			A	UNKNOWN	0.01 PPM	139	9881	
182			A	UNKNOWN	0.02 PPM	155	21133	
183	May 18,94	18:05	A	UNKNOWN	0.00 PPM	91	2982	ambient
183			A	UNKNOWN	0.01 PPM	113	17115	
183			A	UNKNOWN	0.04 PPM	123	54625	
183			A	~~#44000~~ LINK	0.01 PPM	132	11264	
183			A	UNKNOWN	0.01 PPM	139	6445	
183			A	UNKNOWN	0.02 PPM	155	23618	

TRACE PRINTOUT

TRACE #6 DATE: Sun May 15 14:28:46 1994

NAME: Q1b2 CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 15

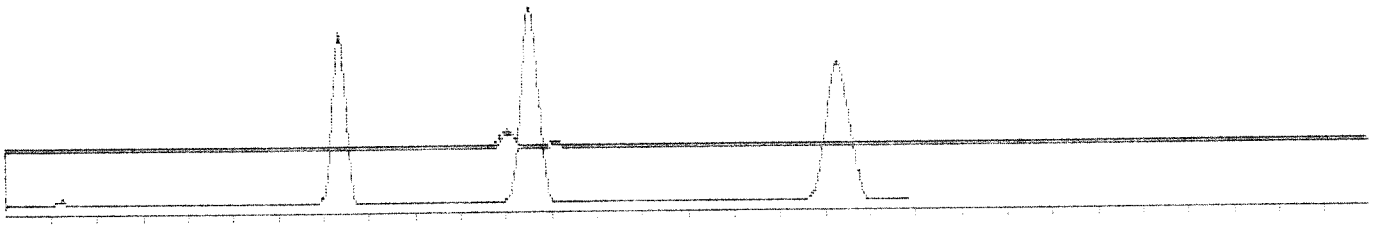
TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	263	2466	0.002 PPM
2	UNKNOWN	362	99141	0.074 PPM
3	UNKNOWN	394	33369	0.025 PPM

TOTAL AREA: 134976

NAME: Q1b2
UPPER TRACE #6 2.59% May 15,94 14:28
LOWER TRACE #1 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE: 100-100, 0 Secs
SAMPLE TIME: 15
GAIN: 1.000
DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #2 DATE: Sun May 15 13:39:50 1994

NAME: Q1 CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

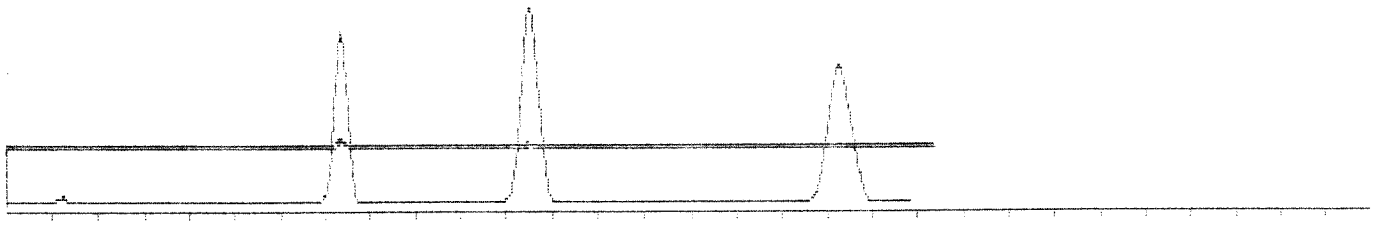
PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~#BENZENE~~	~~252~~	~~20442~~	~~0.017 PPM~~ PBM
~~2~~	~~TOLUENE~~	~~376~~	~~18465~~	~~0.010 PPM~~ PBM

~~TOTAL AREA: 36907~~

? Why include print outs w/ data deleted ?

NAME: Q1
UPPER TRACE #2 0.71% May 15,94 13:39
LOWER TRACE #1 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE: 100-100, 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #10 DATE: Sun May 15 16:01:53 1994

NAME: Q2b CHART DURATION: 15

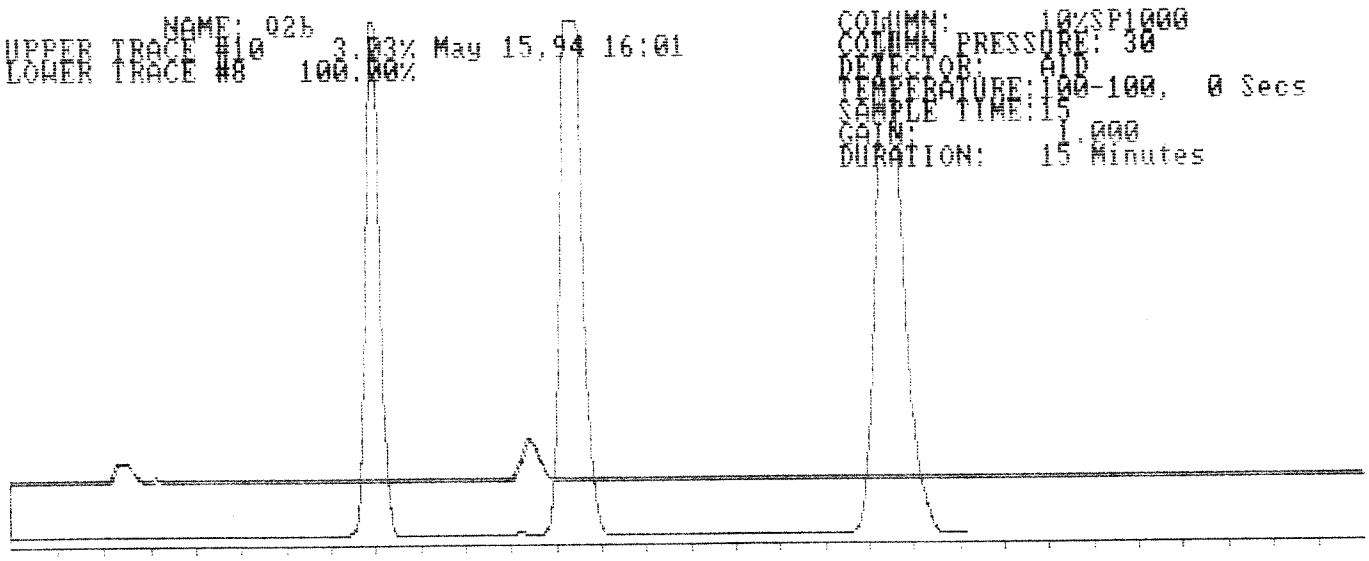
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 15

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~70~~	~~1760~~	~~0.000 PPM~~ PBm
2	UNKNOWN	105	174049	0.043 PPM
3	UNKNOWN	126	12896	0.003 PPM
4	UNKNOWN	155	3992	0.001 PPM
~~5~~	~~BENZENE~~	~~272~~	~~3002~~	~~0.001 PPM~~ PBm
6	UNKNOWN	281	2791	0.001 PPM
~~7~~	~~UNKNOWN~~	~~374~~	~~273743~~	~~0.098 PPM~~ PBm
8	UNKNOWN	440	11031	0.003 PPM
9	UNKNOWN	452	7088	0.002 PPM
10	#M-XYLENE	635	5361	0.001 PPM
11	UNKNOWN	883	9426	0.002 PPM

~~TOTAL AREA: 505223~~



TRACE PRINTOUT

TRACE #7 DATE: Sun May 15 15:28:47 1994

NAME: Q2a CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 15

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	266	16900	0.013 PPM
2	UNKNOWN	366	1067752	0.795 PPM
3	#ETHBENZ	545	15214	0.011 PPM
4	UNKNOWN	629	11065	0.008 PPM

TOTAL AREA: 1110931

NAME: Q2a

UPPER TRACE #7 21.28% May 15,94 15:28

LOWER TRACE #1 100.00%

COLUMN: 10%SP1000

COLUMN PRESSURE: 30

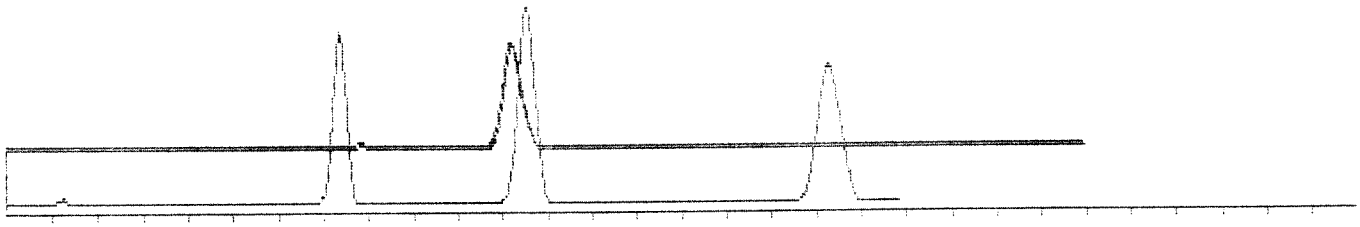
DETECTOR: AID

TEMPERATURE: 100-100, 0 Secs

SAMPLE TIME: 15

GAIN: 1.000

DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #12 DATE: Sun May 15 16:50:30 1994

NAME: Q4 CHART DURATION: 15

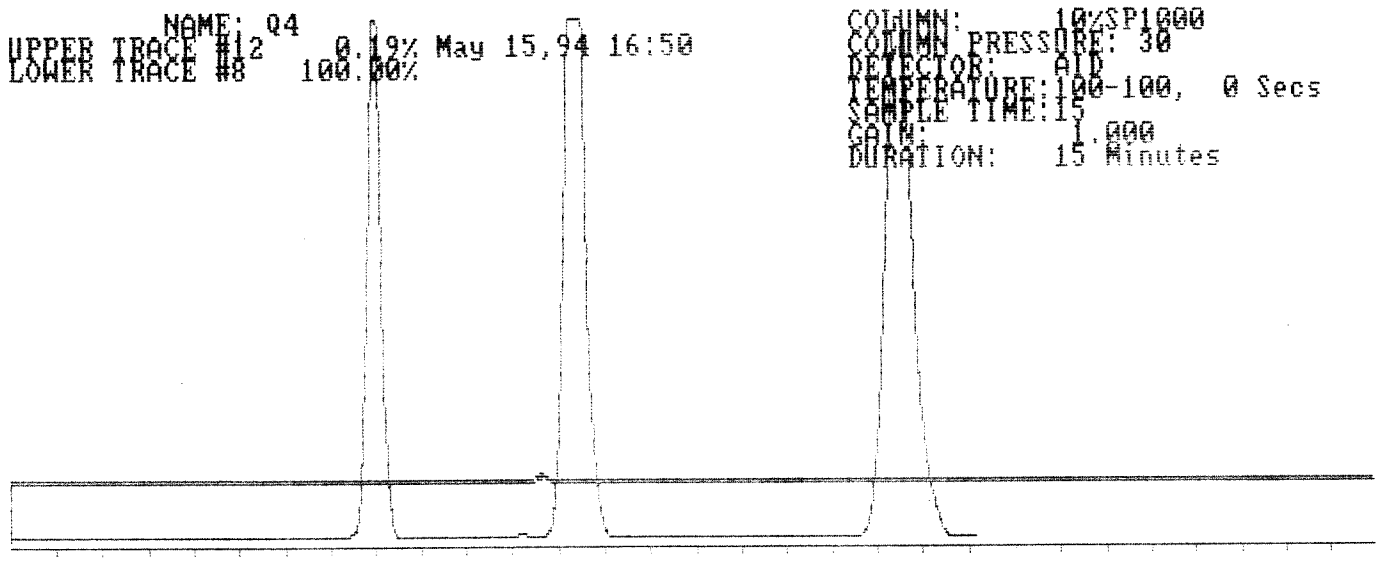
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 15

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~[illegible]~~	~~[illegible]~~	~~0.001 PPM~~ P13m
~~2~~	~~UNKNOWN~~	~~[illegible]~~	~~[illegible]~~	~~0.000 PPM~~ P13m

~~TOTAL AREA: [illegible]~~



TRACE PRINTOUT

TRACE #11 DATE: Sun May 15 16:18:22 1994

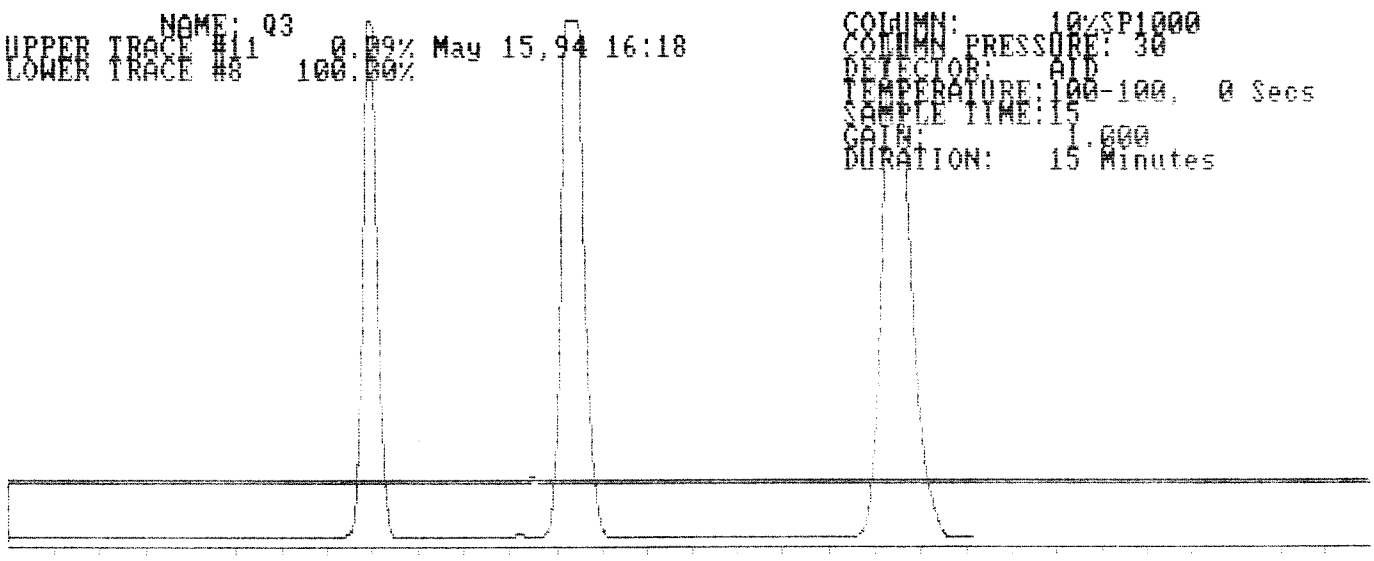
NAME: Q3 CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 15

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~79~~	~~1500~~	~~1072.704 PPM~~ P13m
~~2~~	~~#BENZENE~~	~~275~~	~~5239~~	~~0.001 PPM~~ P13m
~~3~~	~~UNKNOWN~~	~~876~~	~~15006~~	~~0.004 PPM~~ P13m
	~~TOTAL AREA:~~	~~17655~~		



TRACE PRINTOUT

TRACE #20 DATE: Sun May 15 18:43:24 1994

NAME: Q6 CHART DURATION: 15

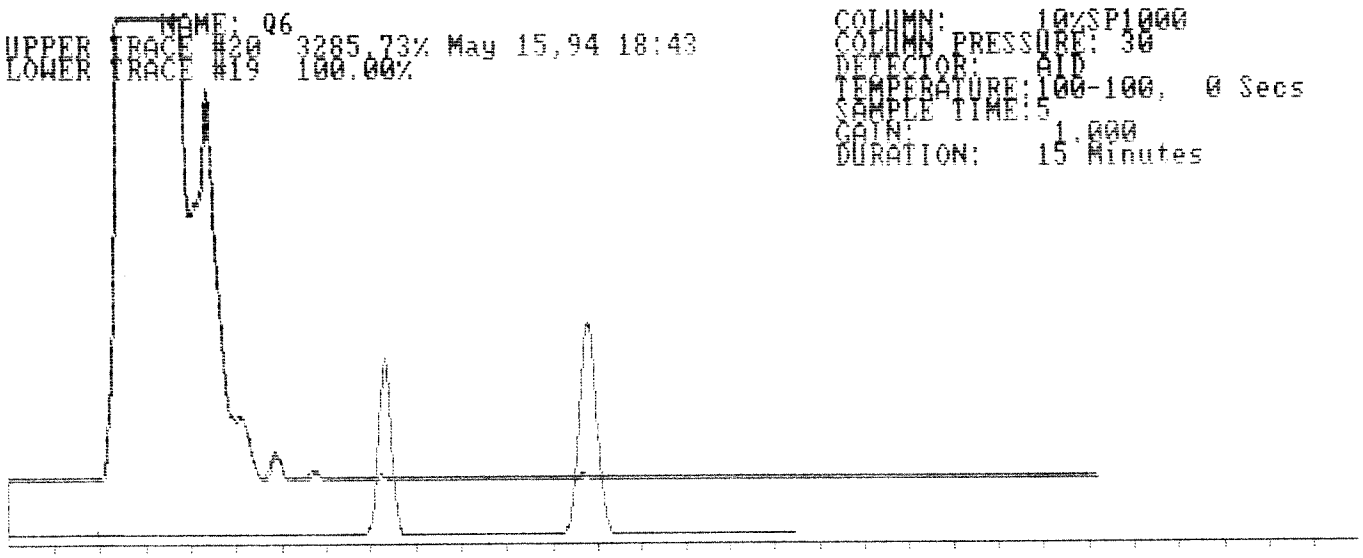
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	88	7205	0.262 PPM
2	UNKNOWN	105	138412821	5031.274 PPM
3	~~#CARB DS~~ LINK	131	46130801	1676.844 PPM PBm
4	~~#ACETONE~~ LINK	161	4723108	171.684 PPM PBm
5	UNKNOWN	184	404401	14.700 PPM
6	~~#MEK~~ LINK	207	154598	5.620 PPM PBm
7	UNKNOWN	235	58805	2.138 PPM
8	~~UNKNOWN~~ BENZENE	278	16185	0.588 PPM PBm
9	~~TOLUENE~~ LINK	380	11909	0.433 PPM PBm
10	~~UNKNOWN~~ TOLUENE	413	14000	0.509 PPM PBm

TOTAL AREA: 189933833



TRACE PRINTOUT

TRACE #16 DATE: Sun May 15 17:54:30 1994

NAME: Q5 CHART DURATION: 15

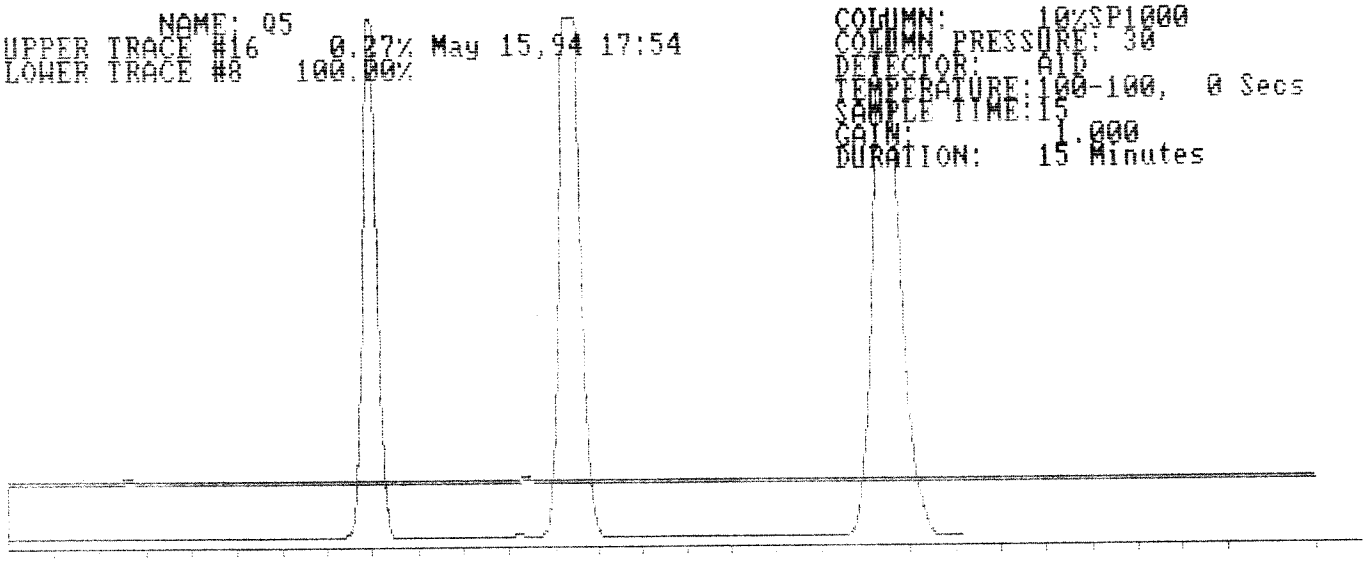
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 15

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	81	15	0.000 PPM
2	UNKNOWN	111	22482	0.006 PPM
3	UNKNOWN	373	25671	0.006 PPM
4	TOLUENE	404	4814	0.001 PPM

TOTAL AREA: 52982



TRACE PRINTOUT

TRACE #25 DATE: Sun May 15 19:32:11 1994

NAME: Q8 CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	89	3349	0.122 PPM
2	UNKNOWN	105	3655	0.133 PPM
3	UNKNOWN	121	27489	0.999 PPM
4	~~[illegible]~~ unk	134	10745	0.391 PPM ppm
5	TOLUENE	384	27501	1.000 PPM

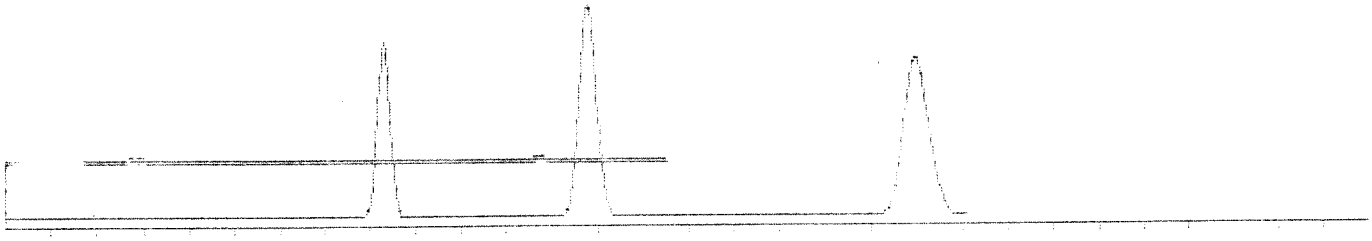
TOTAL AREA: 72739

NAME: Q8

UPPER TRACE #25 1.26% May 15,94 19:32

LOWER TRACE #19 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE: 100-100, 0 Secs
SAMPLE TIME: 5
GAIN: 1.000
DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #28 DATE: Sun May 15 20:02:08 1994

NAME: Q7[redacted] CHART DURATION: 15

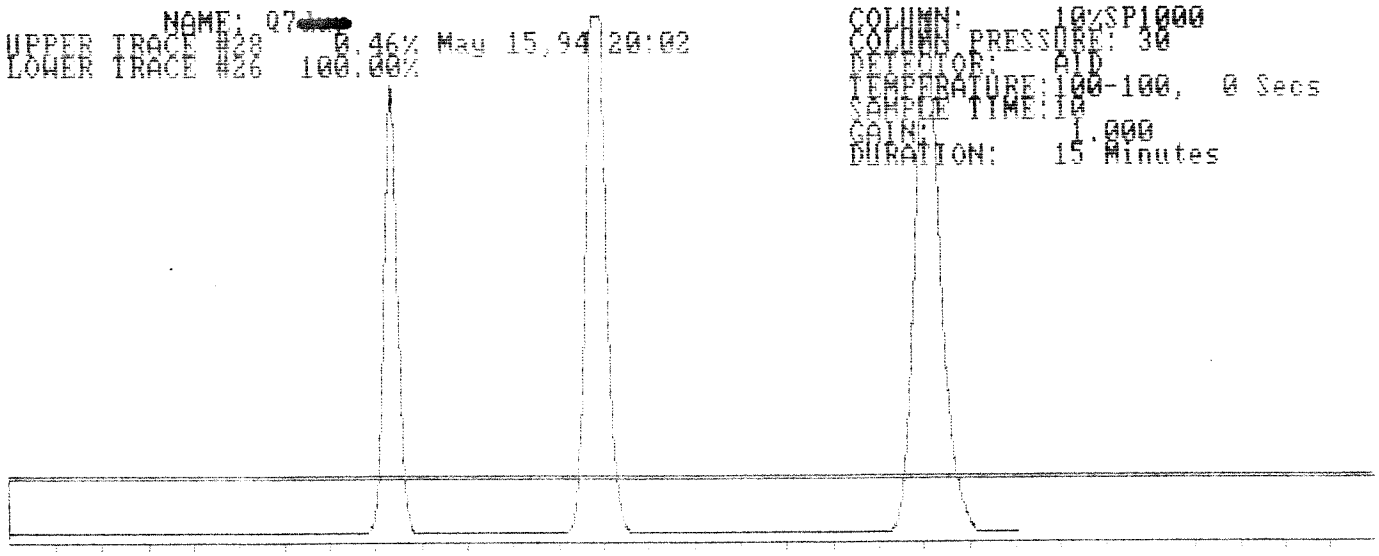
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	[redacted] UNK	135	14718	0.005 PPM PBm
2	[redacted] UNK	321	20436	0.006 PPM PBm
3	TOLUENE	412	8203	0.002 PPM
4	UNKNOWN	461	3233	0.001 PPM
5	UNKNOWN	470	1972	0.001 PPM
6	UNKNOWN	478	9937	0.003 PPM
7	UNKNOWN	550	12389	0.004 PPM
8	#M-XYLENE	664	8930	0.003 PPM

TOTAL AREA: 79818



TRACE PRINTOUT

TRACE #34 DATE: Mon May 16 12:00:09 1994

NAME: Q10 CHART DURATION: 15

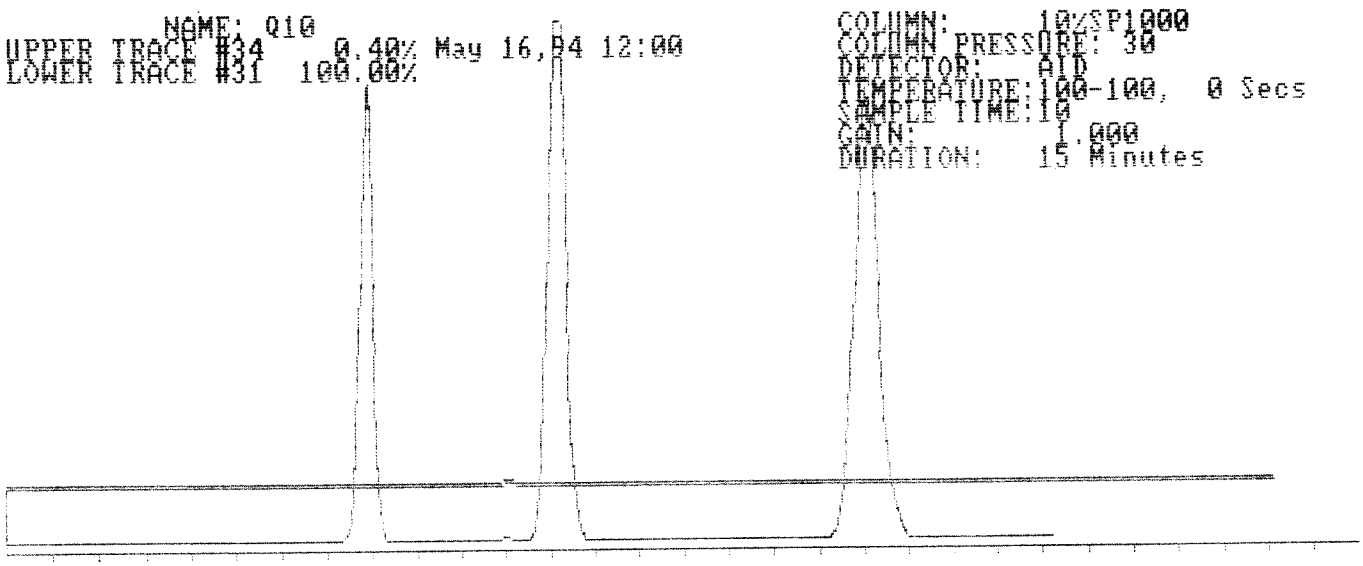
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~70~~	~~1082~~	~~1362.205 PPM~~ PBm
~~2~~	~~BENZENE~~	~~266~~	~~3731~~	~~0.003 PPM~~ PBm
~~3~~	~~#1122TCA~~	~~362~~	~~27710~~	~~0.009 PPM~~ PBm
~~4~~	~~TOLUENE~~	~~394~~	~~7182~~	~~0.002 PPM~~ PBm
~~5~~	~~UNKNOWN~~	~~678~~	~~10321~~	~~0.003 PPM~~ PBm
~~6~~	~~#O XYLENE~~	~~784~~	~~7215~~	~~0.002 PPM~~ PBm

~~TOTAL AREA: 60285~~



TRACE PRINTOUT

TRACE #33 DATE: Mon May 16 11:37:56 1994

NAME: Q9[redacted] CHART DURATION: 15

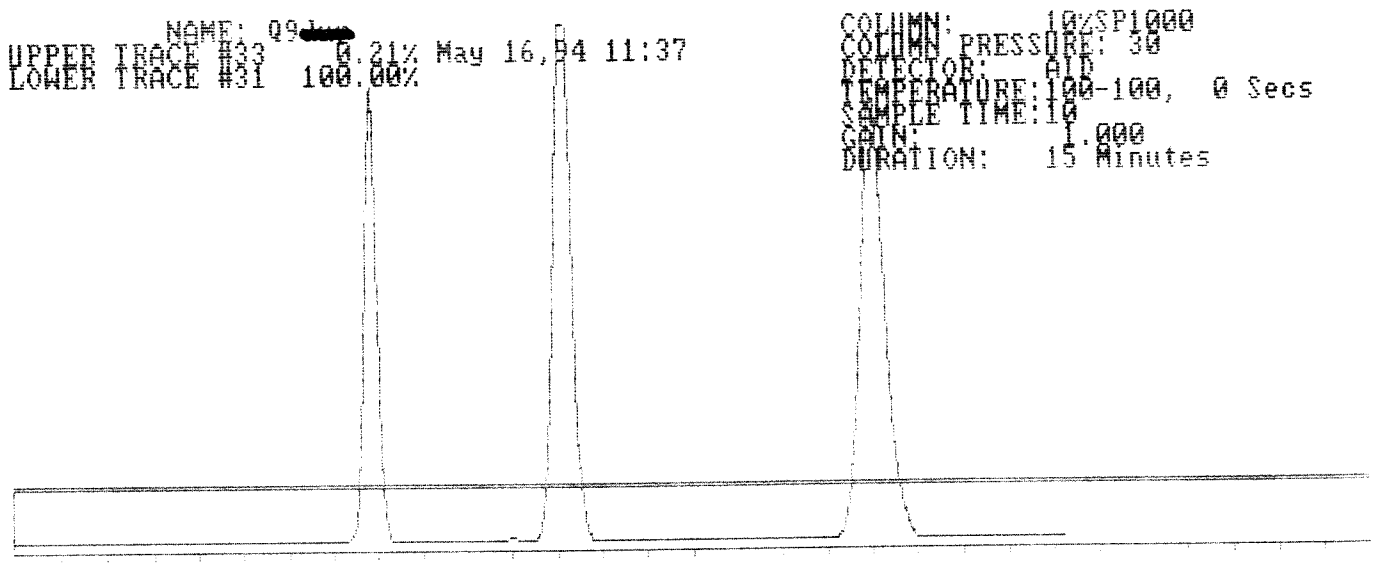
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
[redacted]				PBm
[redacted]				PBm
[redacted]				PBm
[redacted]				PBm
[redacted]				PBm

[redacted]



TRACE PRINTOUT

TRACE #38 DATE: Mon May 16 13:16:45 1994

NAME: Q12 CHART DURATION: 15

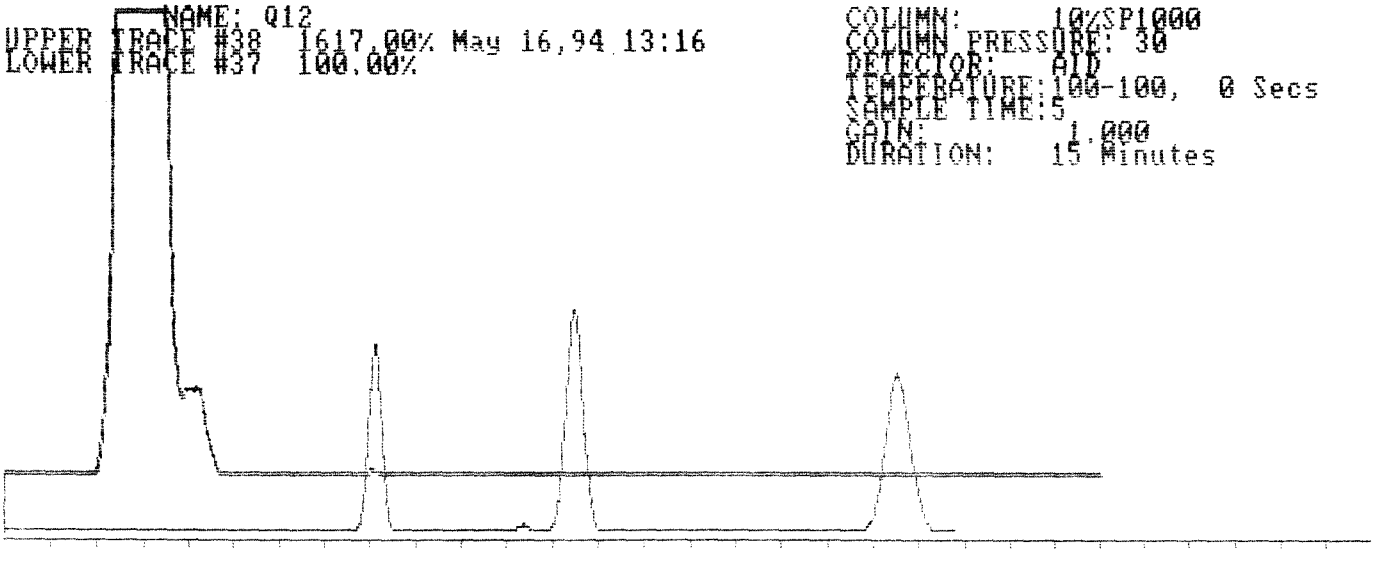
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	85	1115	0.001 PPM
2	UNKNOWN	107	36202078	27.591 PPM
3	UNKNOWN	112	50583191	38.551 PPM
4	UNKNOWN	128	5155736	3.929 PPM
5	UNKNOWN	151	448941	0.342 PPM
6	UNKNOWN	157	571218	0.435 PPM
7	BENZENE	273	31978	0.024 PPM
8	TOLUENE	403	8374	0.006 PPM

TOTAL AREA: 93002631



TRACE PRINTOUT

TRACE #36 DATE: Mon May 16 12:43:49 1994

NAME: Q11 CHART DURATION: 15

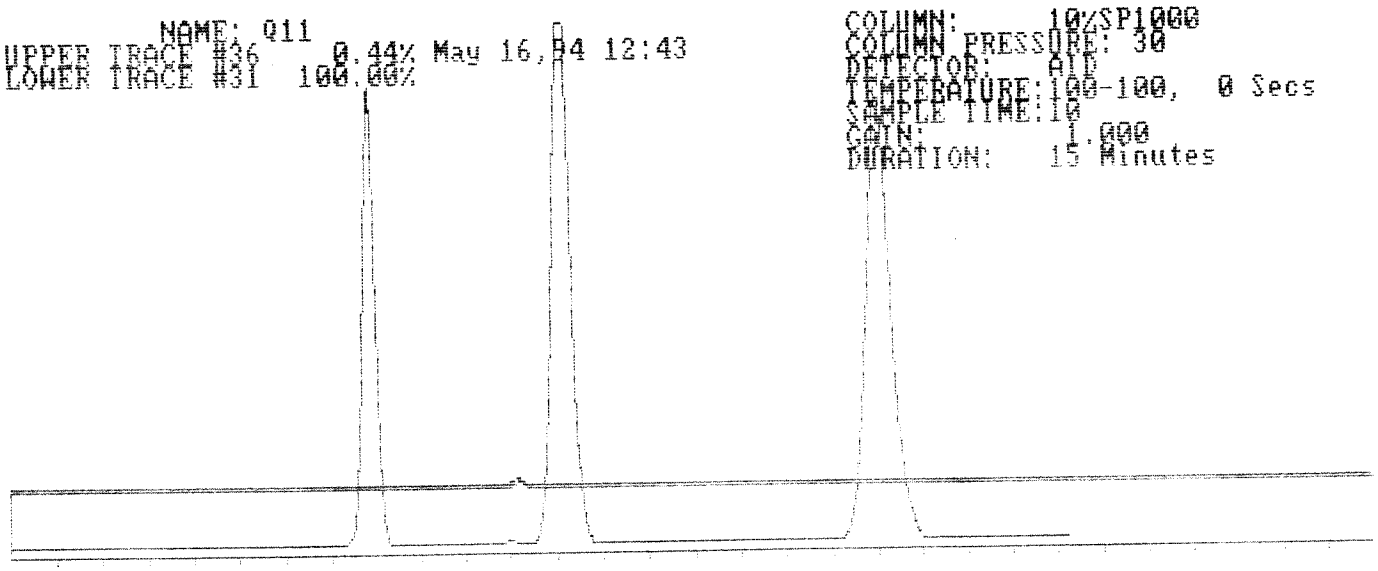
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~79~~	~~1242~~	~~1262.296 PPM~~ PBm
~~2~~	~~UNKNOWN~~	~~155~~	~~3146~~	~~0.000 PPM~~ PBm
~~3~~	~~BENZENE~~	~~267~~	~~6842~~	~~0.002 PPM~~ PBm
~~4~~	~~UNKNOWN~~	~~366~~	~~37343~~	~~0.012 PPM~~ PBm
~~5~~	~~TOLUENE~~	~~800~~	~~4926~~	~~0.001 PPM~~ PBm
~~6~~	~~UNKNOWN~~	~~710~~	~~9332~~	~~0.003 PPM~~ PBm

~~TOTAL AREA: 66400~~



TRACE PRINTOUT

TRACE #46 DATE: Mon May 16 15:24:15 1994

NAME: Q14 CHART DURATION: 15

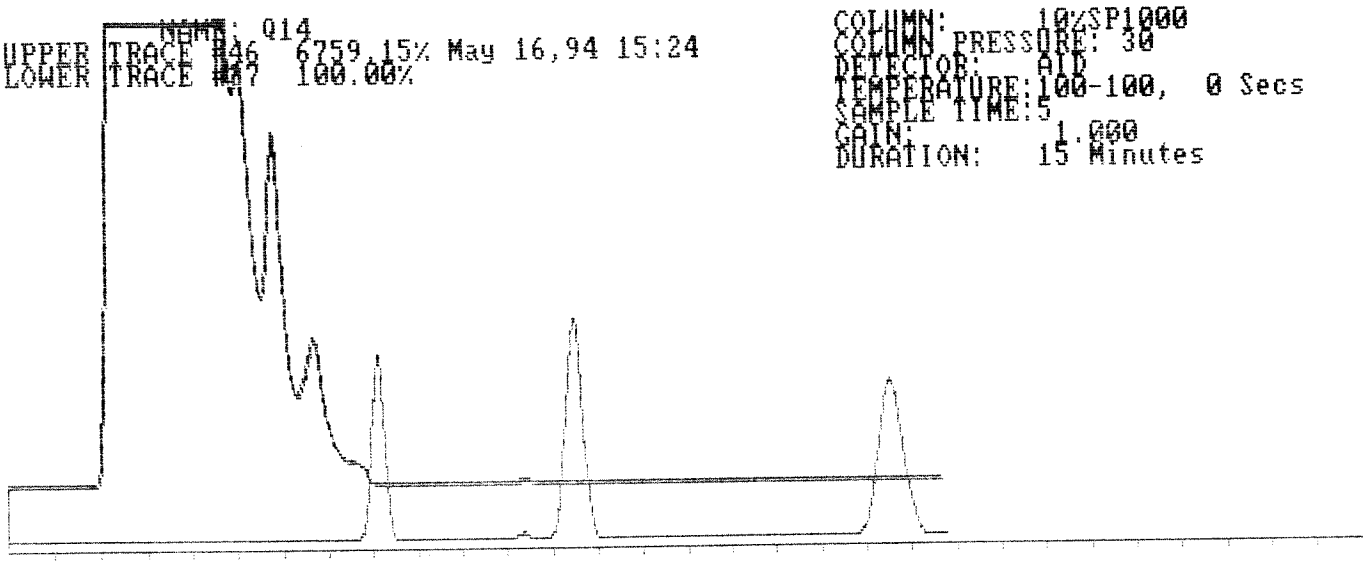
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	85	10068	0.008 PPM
2	UNKNOWN	99	304492338	232.062 PPM
3	UNKNOWN	160	74242442	56.582 PPM
4	[redacted] unk	182	4165610	3.175 PPM PBM
5	UNKNOWN	204	3700402	2.820 PPM
6	UNKNOWN	231	2116158	1.613 PPM
7	[redacted] unk	374	27944	0.021 PPM PBM

TOTAL AREA: 388754962



TRACE PRINTOUT

TRACE #41 DATE: Mon May 16 13:46:07 1994

NAME: Q13 CHART DURATION: 15

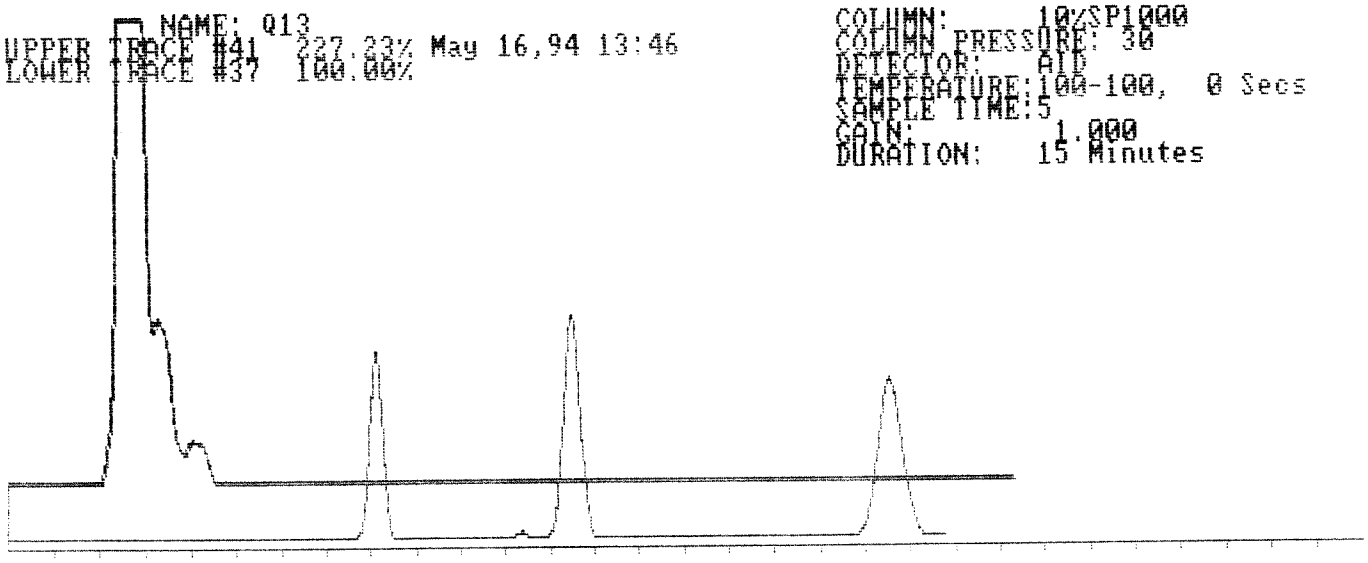
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	87	10461	0.008 PPM
2	UNKNOWN	108	11110199	8.467 PPM
3	UNKNOWN	129	1474445	1.124 PPM
4	UNKNOWN	152	437844	0.334 PPM
5	UNKNOWN	263	29678	0.023 PPM
6	BENZENE	272	6848	0.005 PPM

TOTAL AREA: 13069475



TRACE PRINTOUT

TRACE #54 DATE: Mon May 16 16:31:46 1994

NAME: Q16 CHART DURATION: 15

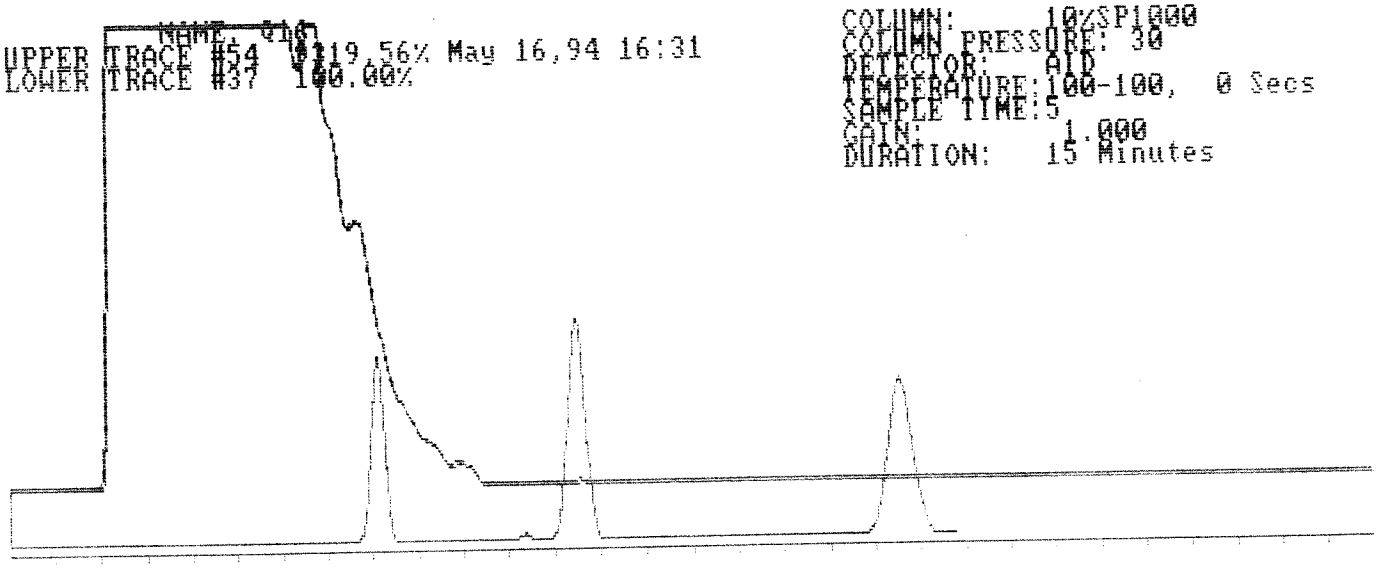
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	88	7268	0.006 PPM
2	UNKNOWN	100	490824970	374.071 PPM
3	[redacted] LINK	188	17681499	13.476 PPM PBM
4	[redacted] LINK	205	12332906	9.399 PPM PBM
5	UNKNOWN	232	9531217	7.264 PPM
6	UNKNOWN	261	5374311	4.096 PPM
7	[redacted] LINK	329	244935	0.187 PPM PBM
8	[redacted] LINK	408	20983	0.014 PPM PBM

TOTAL AREA: 536018089



TRACE PRINTOUT

TRACE #50 DATE: Mon May 16 15:58:59 1994

NAME: Q15 CHART DURATION: 15

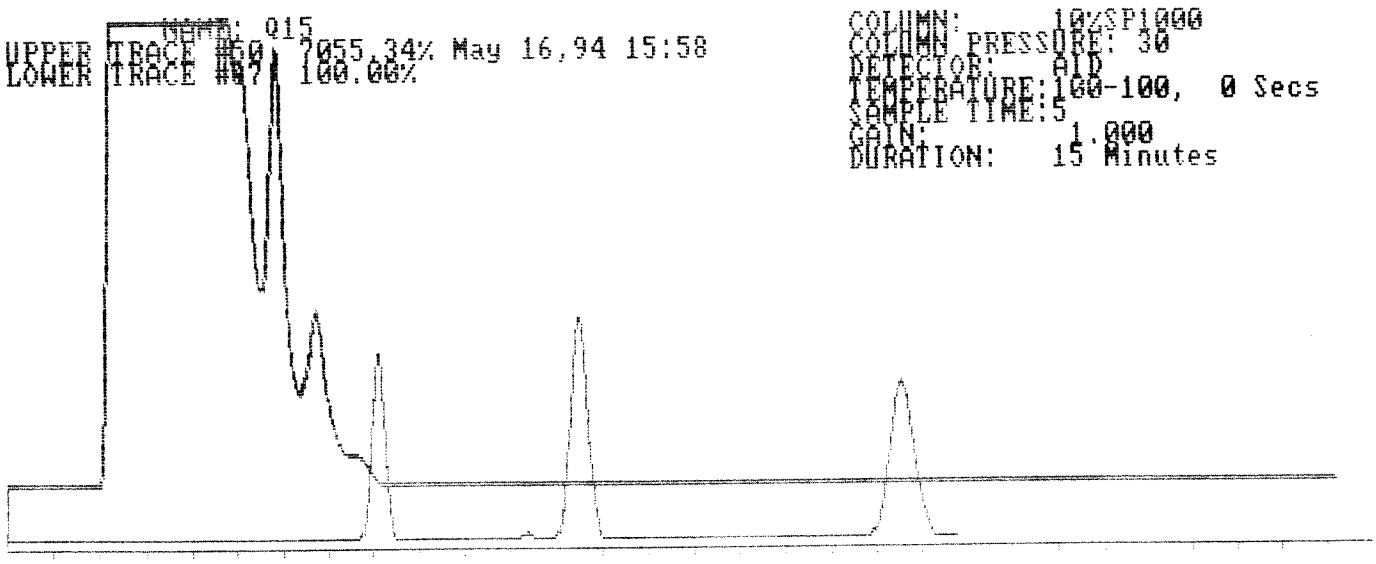
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	88	6176	0.005 PPM
2	UNKNOWN	100	312035219	237.811 PPM
3	UNKNOWN	151	16860955	12.850 PPM
4	UNKNOWN	162	66317391	50.542 PPM
5	[redacted] UNK	183	3767553	2.871 PPM PBM
6	[redacted] UNK	205	4355262	3.319 PPM PBM
7	UNKNOWN	232	2447846	1.866 PPM

TOTAL AREA: 405790402



TRACE PRINTOUT

TRACE #61 DATE: Mon May 16 17:26:34 1994

NAME: Q17 CHART DURATION: 15

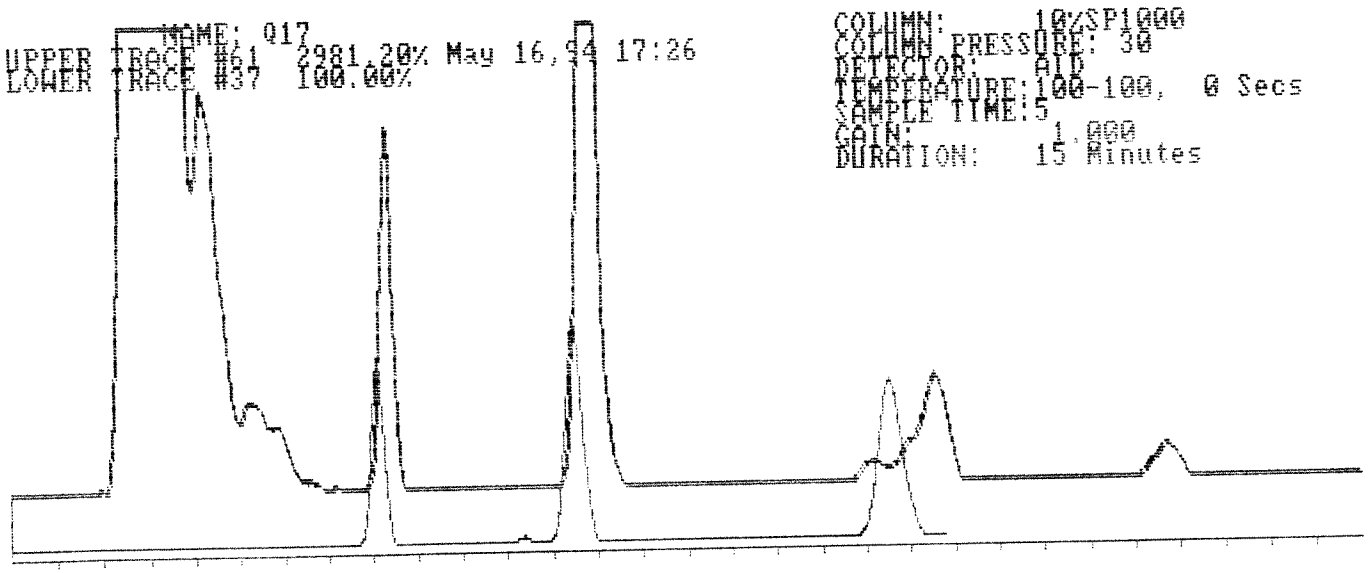
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	90	12284	0.009 PPM
2	UNKNOWN	106	135792401	103.491 PPM
3	[redacted] UNK	131	6089248	4.641 PPM PBM
4	[redacted] UNK	137	8205206	6.253 PPM PBM
5	UNKNOWN	155	5468356	4.168 PPM
6	[redacted] UNK	188	1278260	0.974 PPM PBM
7	[redacted] UNK	206	643665	0.491 PPM PBM
8	UNKNOWN	246	16190	0.012 PPM
9	[redacted] BENZENE	280	2572664	1.961 PPM PBM
10	[redacted] UNK	332	91368	0.070 PPM PBM
11	#TOLUENE	414	8730133	6.653 PPM
12	XYLENE	606	319053	0.218 PPM
13	#M-XYLENE	649	1784517	1.360 PPM
14	#O-XYLENE	802	461692	0.352 PPM

TOTAL AREA: 171465037



TRACE PRINTOUT

TRACE #66 DATE: Mon May 16 18:24:41 1994

NAME: Q18 CHART DURATION: 15

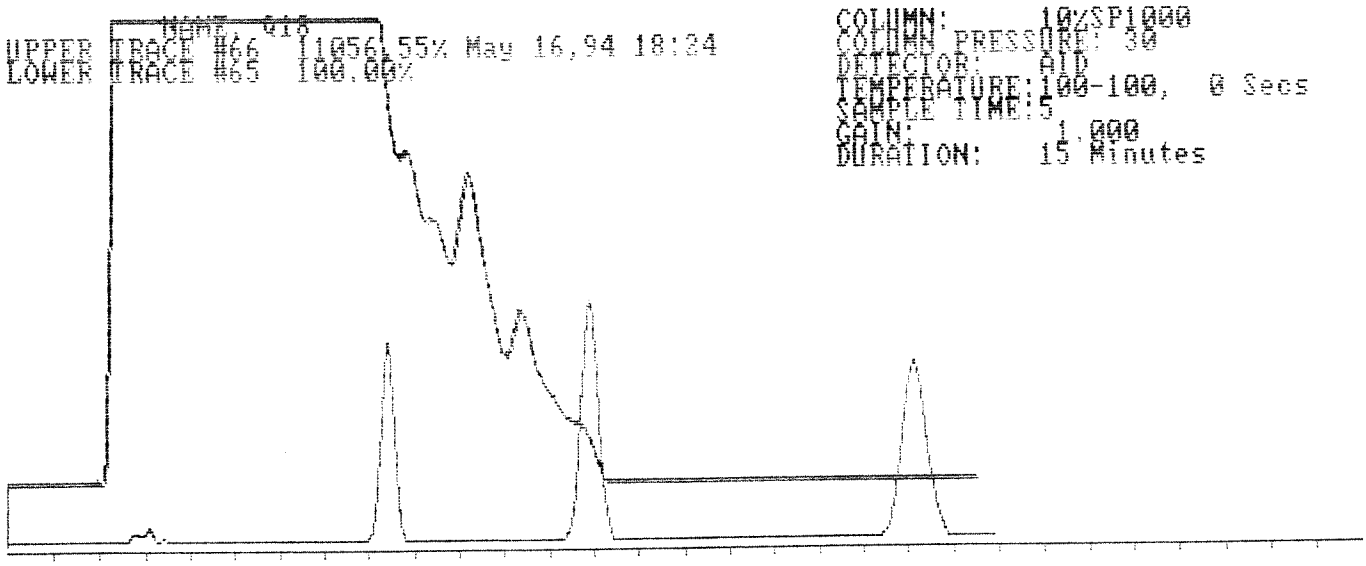
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	90	17494	1.502 PPM
2	UNKNOWN	102	505849393	43445.324 PPM
3	UNKNOWN	189	60701375	5213.391 PPM
4	~~#CHRB TET~~ UNK	197	34019289	2921.777 PPM PBm
5	~~#MEK~~ UNK	209	55027310	4726.069 PPM PBm
6	UNKNOWN	236	12079388	1037.449 PPM
7	UNKNOWN	249	9185832	788.933 PPM
8	UNKNOWN	266	11633175	999.125 PPM
9	~~#TCE~~ UNK	295	3971080	341.060 PPM PBm
10	~~#CHLOROFORM~~ UNK	313	2734371	234.844 PPM PBm
11	UNKNOWN	336	5944179	510.521 PPM
12	UNKNOWN	372	4110474	353.032 PPM

TOTAL AREA: 705273360



TRACE PRINTOUT

TRACE #72 DATE: Mon May 16 19:10:43 1994

NAME: Q20 CHART DURATION: 15

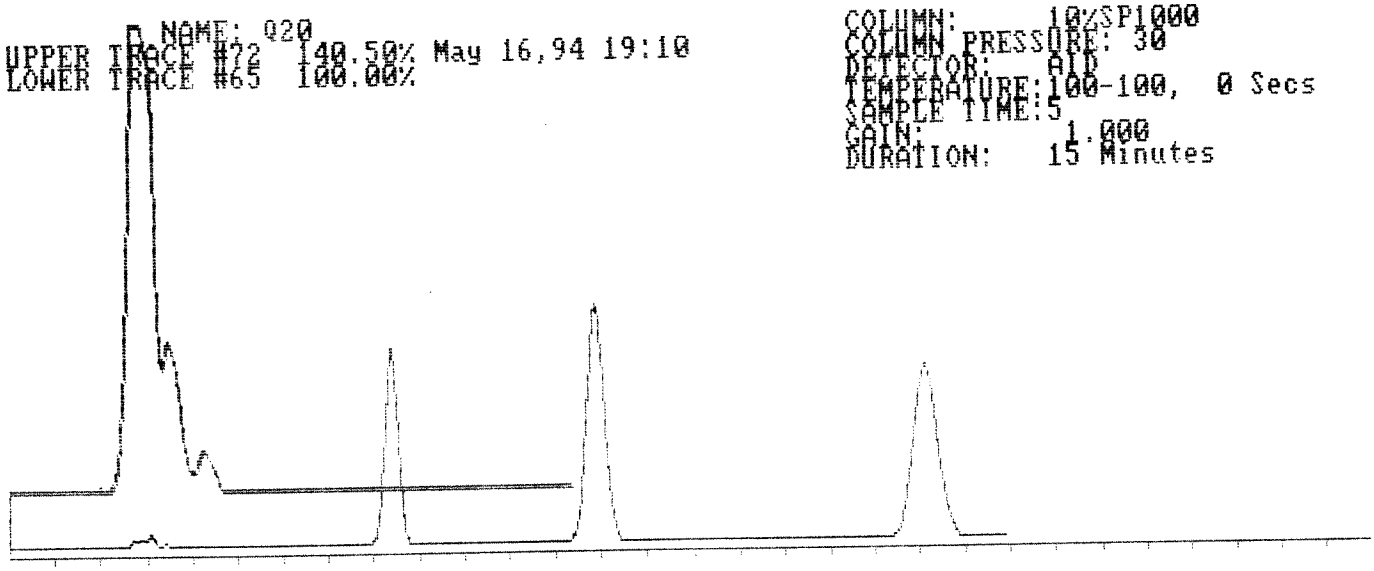
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	92	9797	0.841 PPM
2	~~#ISOOCTANE~~ PINK	114	7317793	628.495 PPM PBM
3	~~#CARB DS~~ UNK	135	1298195	111.497 PPM PBM
4	~~#ACETONE~~ UNK	158	336207	28.875 PPM PBM

TOTAL AREA: 8961992



TRACE PRINTOUT

TRACE #81 DATE: Mon May 16 22:16:03 1994

NAME: Q19 CHART DURATION: 15

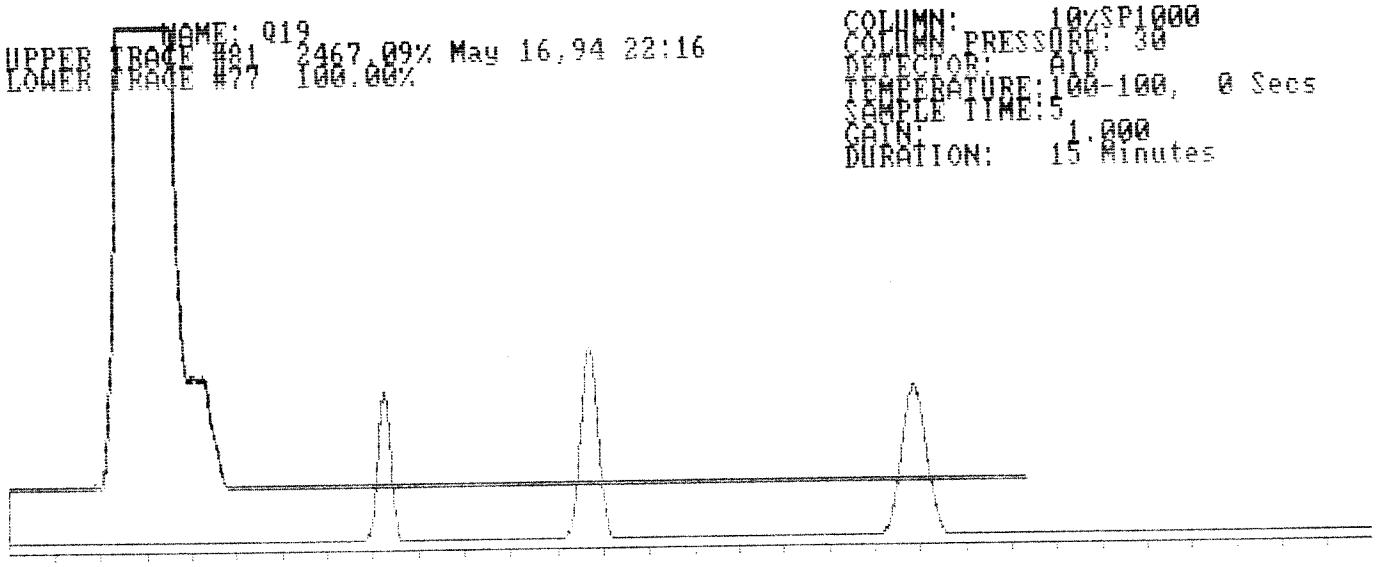
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	88	14299	0.014 PPM
2	UNKNOWN	105	118261978	111.682 PPM
3	UNKNOWN	130	7003024	6.613 PPM
4	UNKNOWN	152	598746	0.565 PPM
5	UNKNOWN	158	745208	0.704 PPM
6	UNKNOWN	203	26114	0.025 PPM

TOTAL AREA: 126649369



TRACE PRINTOUT

TRACE #111 DATE: Tue May 17 13:09:31 1994

NAME: Q22-2 CHART DURATION: 15

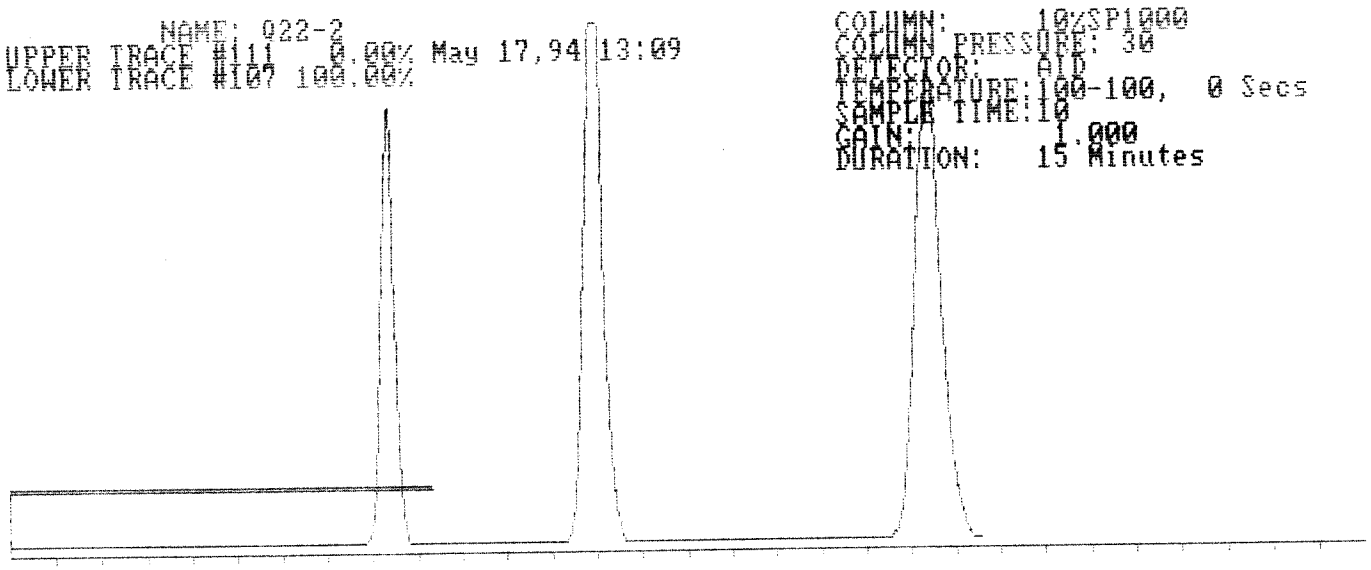
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION

TOTAL AREA: 0



TRACE PRINTOUT

TRACE #108 DATE: Tue May 17 12:34:42 1994

NAME: Q21-2 CHART DURATION: 15

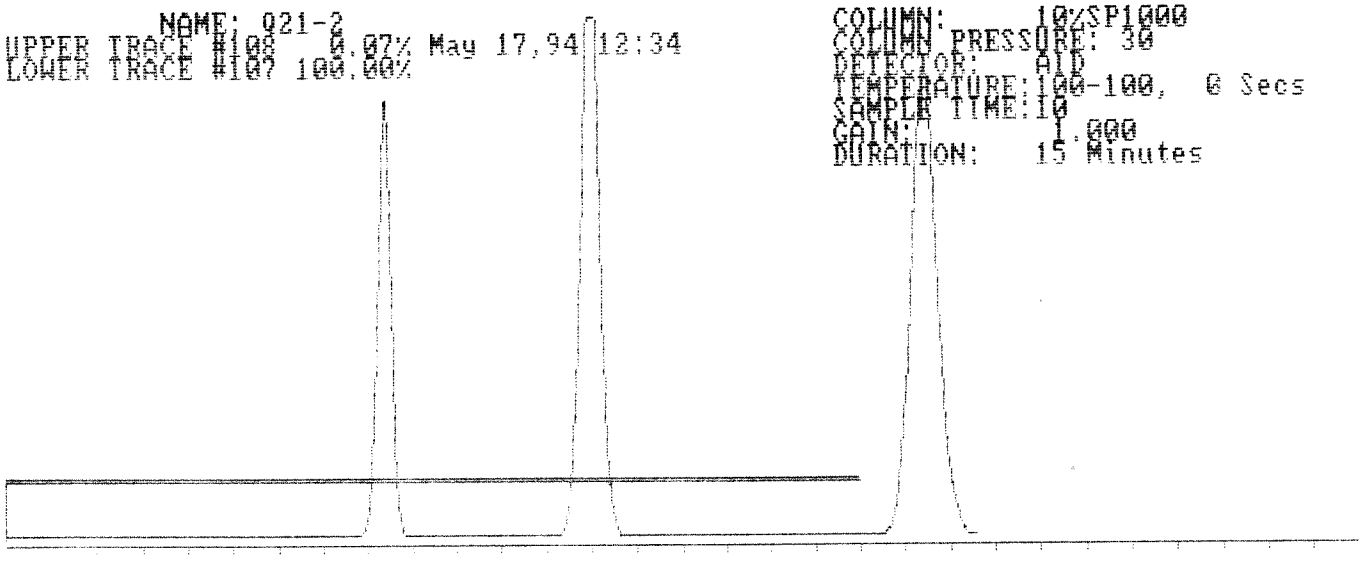
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~91~~	~~1010~~	~~1035.010 PPM~~ PBm
2	UNKNOWN	155	5145	0.002 PPM
3	UNKNOWN	165	3770	0.001 PPM
4	~~#CARB TET~~ UNK	213	4240	0.001 PPM PBm

~~TOTAL AREA: 11237~~



TRACE PRINTOUT

TRACE #110 DATE: Tue May 17 12:57:44 1994

NAME: Q24 CHART DURATION: 15

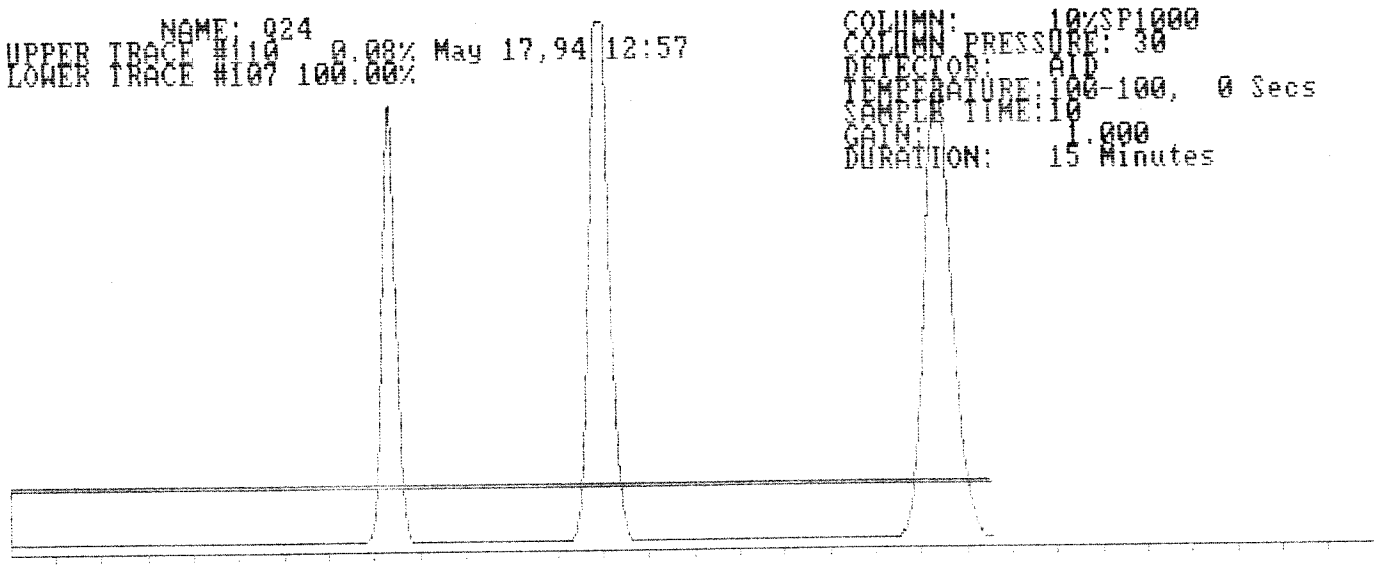
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~85~~	~~2142~~	~~1335.016 PPM~~ PBm
2	~~#1SOOCTAN~~ LINK	122	1311	0.000 PPM PBm
3	UNKNOWN	479	10552	0.003 PPM
4	UNKNOWN	492	3548	0.001 PPM

~~TOTAL AREA: 13269~~



TRACE PRINTOUT

TRACE #109 DATE: Tue May 17 12:45:30 1994

NAME: Q23 CHART DURATION: 15

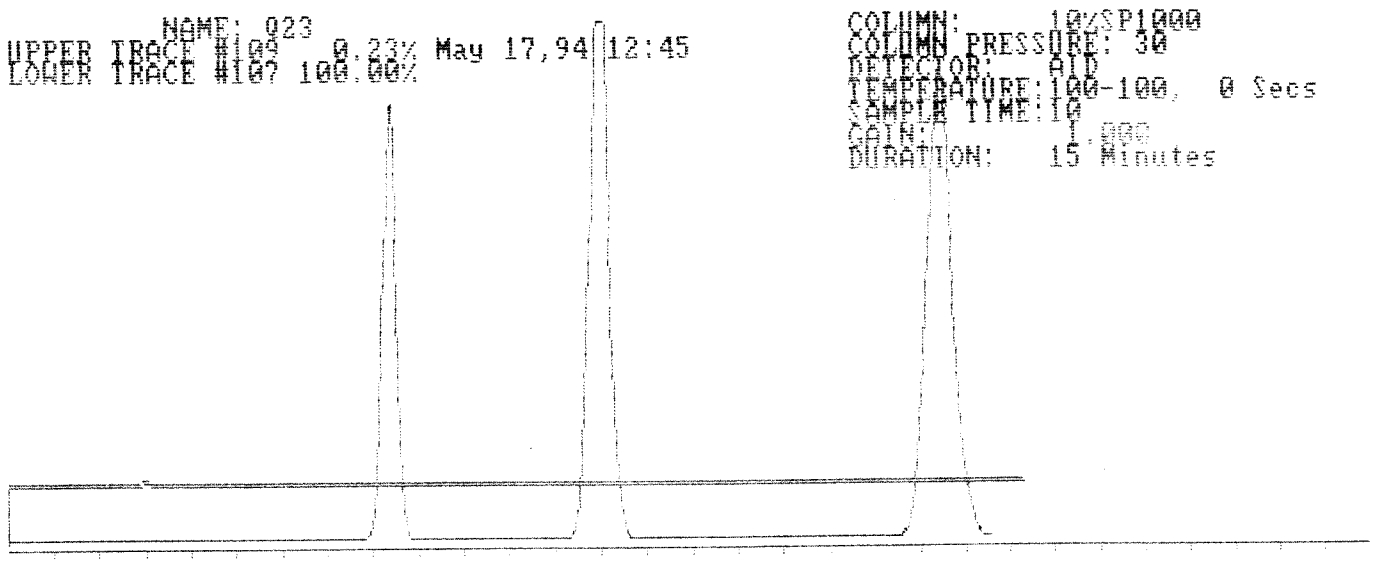
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~93~~	~~155~~	~~1305.010 PPM~~ PBm
2	UNKNOWN	111	10931	0.003 PPM
3	~~#ISOOCTAN~~ UNK	121	11201	0.003 PPM PBm
4	BENZENE	284	9529	0.003 PPM
5	UNKNOWN	291	822	0.000 PPM
6	UNKNOWN	299	2869	0.001 PPM
7	TOLUENE	422	3308	0.001 PPM

~~TOTAL AREA: 30505~~



TRACE PRINTOUT

TRACE #115 DATE: Tue May 17 13:41:15 1994

NAME: Q26 CHART DURATION: 15

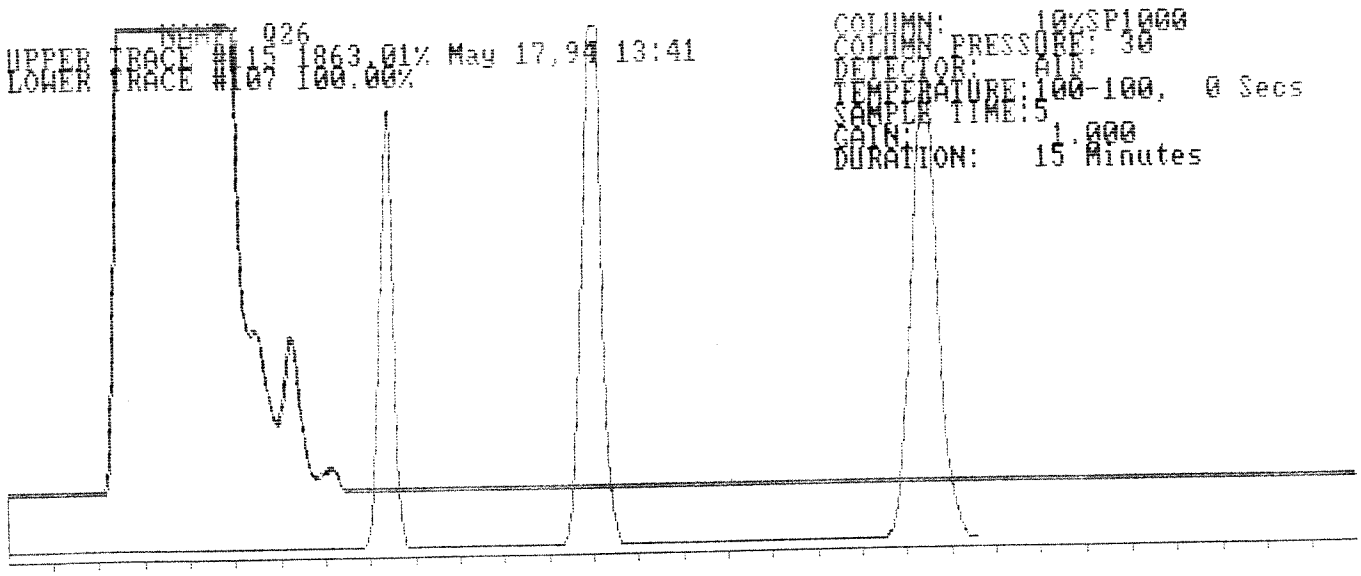
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	92	2580	0.001 PPM
2	UNKNOWN	106	290267956	90.224 PPM
3	UNKNOWN	162	3770285	1.172 PPM
4	~~#ACETONE~~ UNK	169	9957935	3.095 PPM PBM
5	~~#TIPDGE~~ UNK	194	1573731	0.489 PPM PBM
6	~~#CARB TET~~ UNK	218	1523055	0.473 PPM PBM
7	~~#METH CL~~ UNK	245	209885	0.065 PPM PBM
8	~~#CLOROFORM~~ UNK	342	21315	0.007 PPM PBM
9	UNKNOWN	440	4937	0.002 PPM
10	#ETHBENZ	615	8356	0.003 PPM
11	UNKNOWN	761	7861	0.002 PPM
12	UNKNOWN	855	3501	0.001 PPM

TOTAL AREA: 307351397



TRACE PRINTOUT

TRACE #112 DATE: Tue May 17 13:15:22 1994

NAME: Q25 CHART DURATION: 15

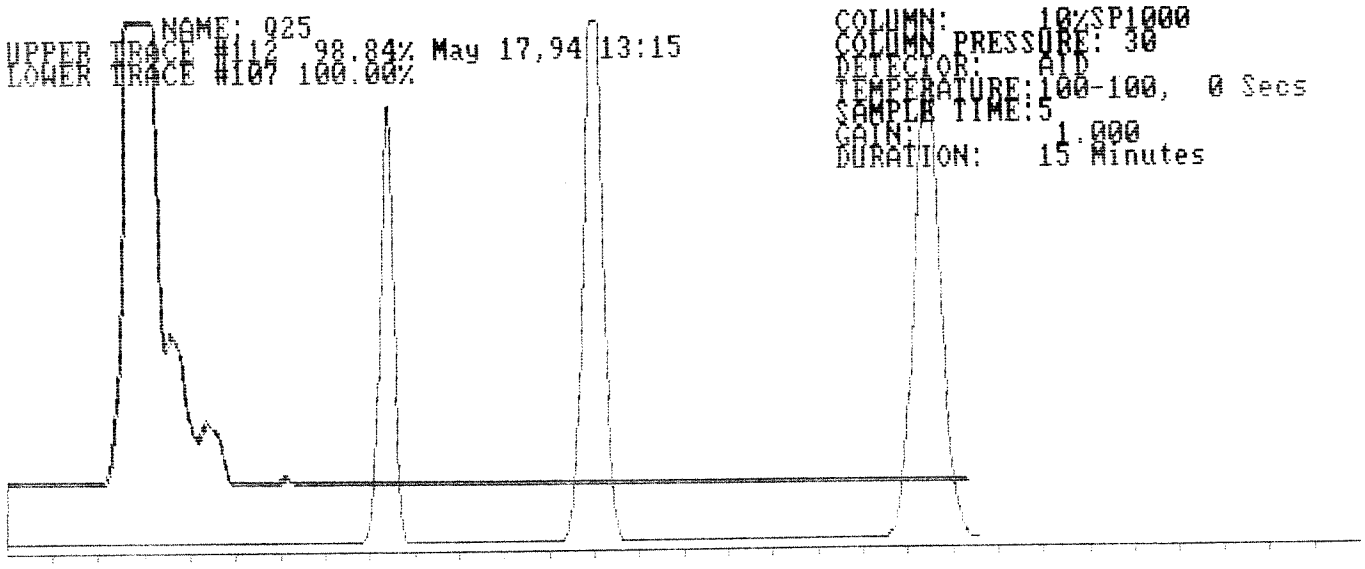
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	91	5333	0.002 PPM
2	UNKNOWN	114	13881002	4.315 PPM
3	~~#11DOE~~ UNK	137	1698273	0.528 PPM PBM
4	UNKNOWN	161	654614	0.203 PPM
5	~~#CHRD TEP~~ UNK	215	46338	0.014 PPM PBM
6	UNKNOWN	398	20383	0.006 PPM

TOTAL AREA: 16305943



TRACE PRINTOUT

TRACE #128 DATE: Tue May 17 16:03:18 1994

NAME: Q28 CHART DURATION: 15

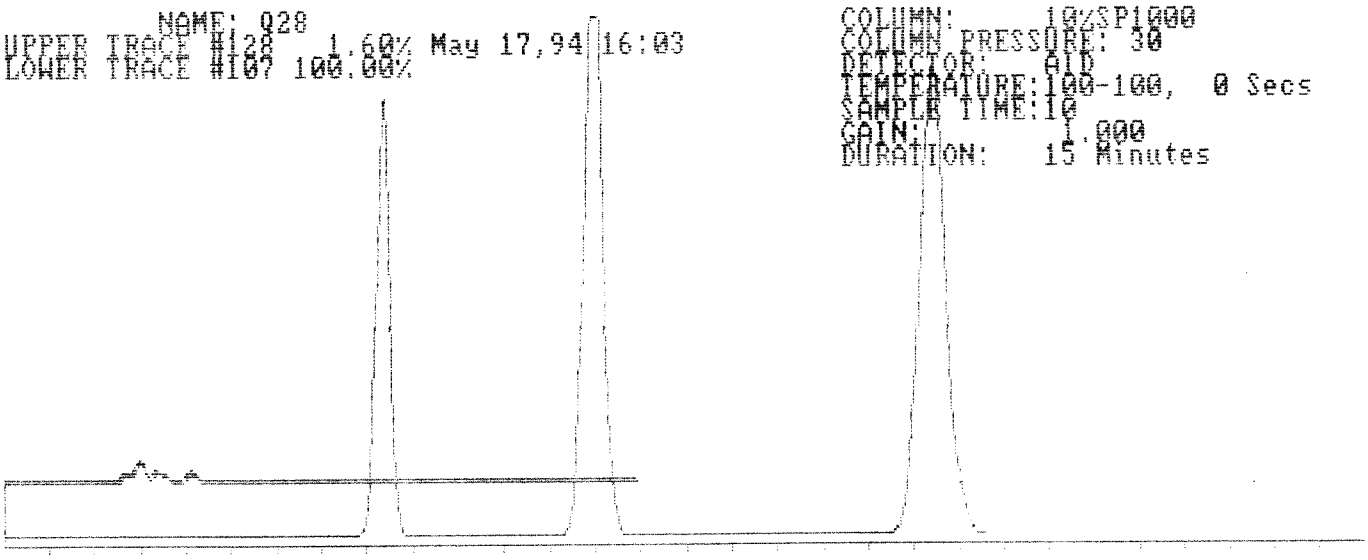
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~96~~	~~665~~	~~0.000 PPM~~ PBm
~~2~~	~~UNKNOWN~~	~~111~~	~~32653~~	~~0.010 PPM~~ PBm
~~3~~	~~HEPTANE~~	~~121~~	~~104865~~	~~0.033 PPM~~ PBm
~~4~~	~~UNKNOWN~~	~~132~~	~~69185~~	~~0.022 PPM~~ PBm
~~5~~	~~UNKNOWN~~	~~133~~	~~36558~~	~~0.010 PPM~~ PBm

~~TOTAL AREA: 263610~~



TRACE PRINTOUT

TRACE #120 DATE: Tue May 17 15:15:49 1994

NAME: Q27 CHART DURATION: 15

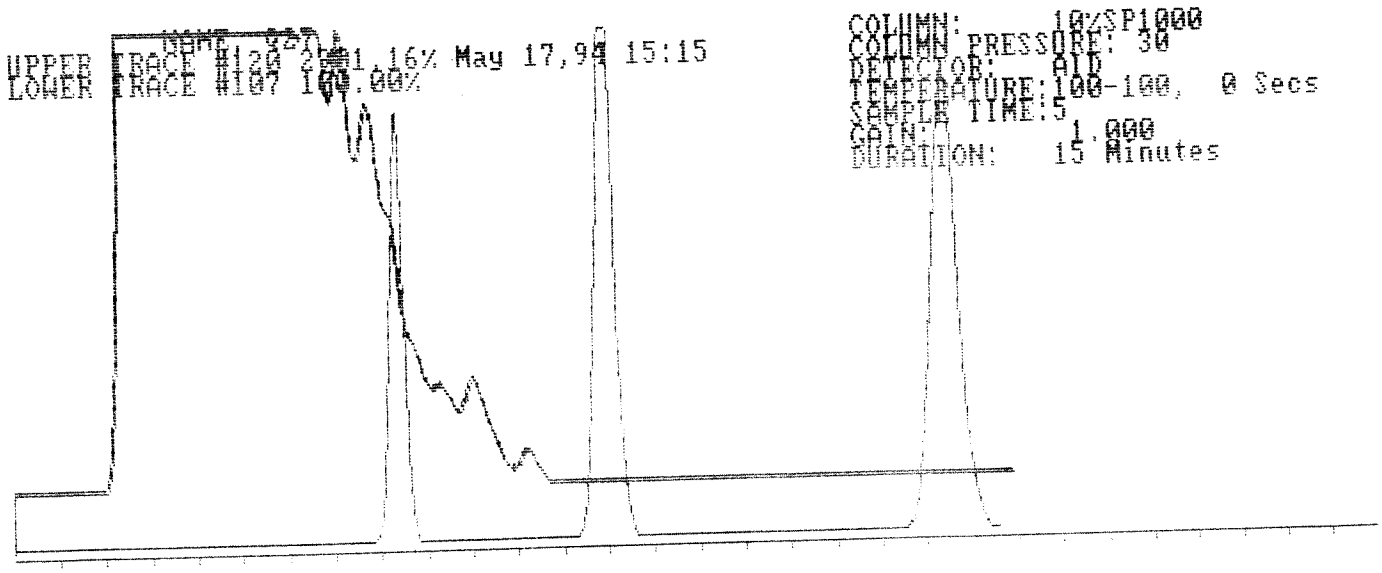
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~87~~	~~1829~~	~~1335.010 PPM~~
2	UNKNOWN	104	399734599	124.250 PPM
3	UNKNOWN	168	31371052	9.751 PPM
4	~~#T12DCE~~	193	24992615	7.768 PPM
5	~~#MEK~~	228	6328209	1.967 PPM
6	~~#METH CL~~	246	4939941	1.535 PPM
7	UNKNOWN	263	8198042	2.548 PPM
8	UNKNOWN	310	1102770	0.343 PPM
9	UNKNOWN	332	1622053	0.504 PPM
10	UNKNOWN	367	332813	0.103 PPM

~~TOTAL AREA: 478620265~~



TRACE PRINTOUT

TRACE #130 DATE: Tue May 17 16:25:29 1994

NAME: Q30 CHART DURATION: 15

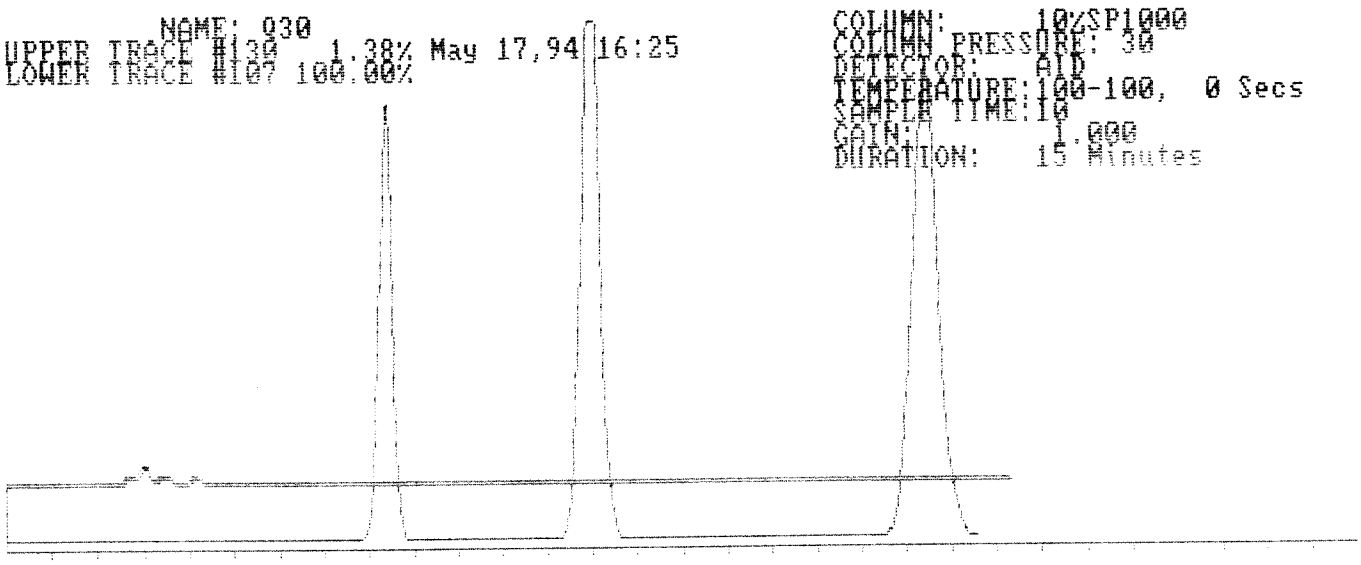
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~97~~	~~130~~	~~0.000 PPM~~ PBm
~~2~~	~~UNKNOWN~~	~~112~~	~~35720~~	~~0.011 PPM~~ PBm
~~3~~	~~#ISOOCTAN~~	~~122~~	~~89353~~	~~0.020 PPM~~ PBm
~~4~~	~~UNKNOWN~~	~~136~~	~~55269~~	~~0.017 PPM~~ PBm
~~5~~	~~UNKNOWN~~	~~155~~	~~41913~~	~~0.013 PPM~~ PBm
~~6~~	~~#T12DCE~~	~~194~~	~~3661~~	~~0.002 PPM~~ PBm

~~TOTAL AREA: 226250~~



TRACE PRINTOUT

TRACE #129 DATE: Tue May 17 16:13:19 1994

NAME: Q29 CHART DURATION: 15

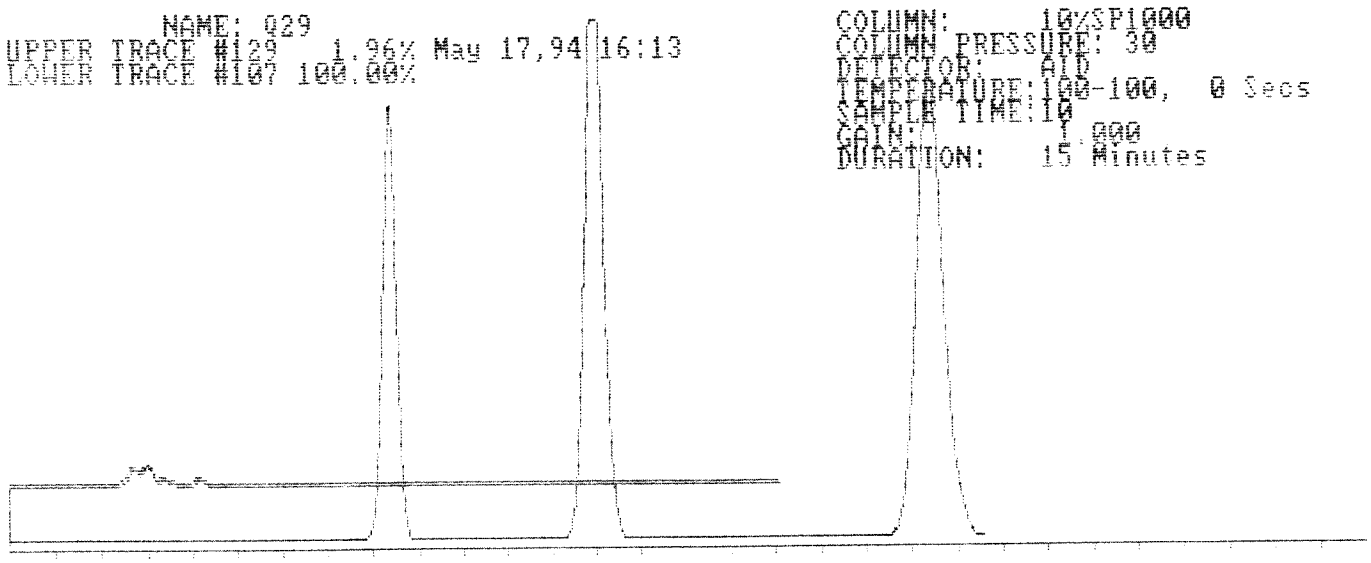
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION	
~~1~~	~~UNKNOWN~~	~~80~~	~~1956~~	~~0.001 PPM~~	PBM
~~2~~	~~UNKNOWN~~	~~111~~	~~92565~~	~~0.029 PPM~~	PBM
~~3~~	~~#ISOOCTAN~~	~~121~~	~~113410~~	~~0.037 PPM~~	PBM
~~4~~	~~UNKNOWN~~	~~132~~	~~41013~~	~~0.013 PPM~~	PBM
~~5~~	~~UNKNOWN~~	~~155~~	~~38615~~	~~0.012 PPM~~	PBM
~~6~~	~~UNKNOWN~~	~~160~~	~~7311~~	~~0.002 PPM~~	PBM
~~7~~	~~UNKNOWN~~	~~170~~	~~8670~~	~~0.003 PPM~~	PBM
~~8~~	~~UNKNOWN~~	~~196~~	~~13200~~	~~0.004 PPM~~	PBM

~~TOTAL AREA: 322957~~



TRACE #146 DATE: Tue May 17 19:42:16 1994

NAME: Q32-2 CHART DURATION: 15

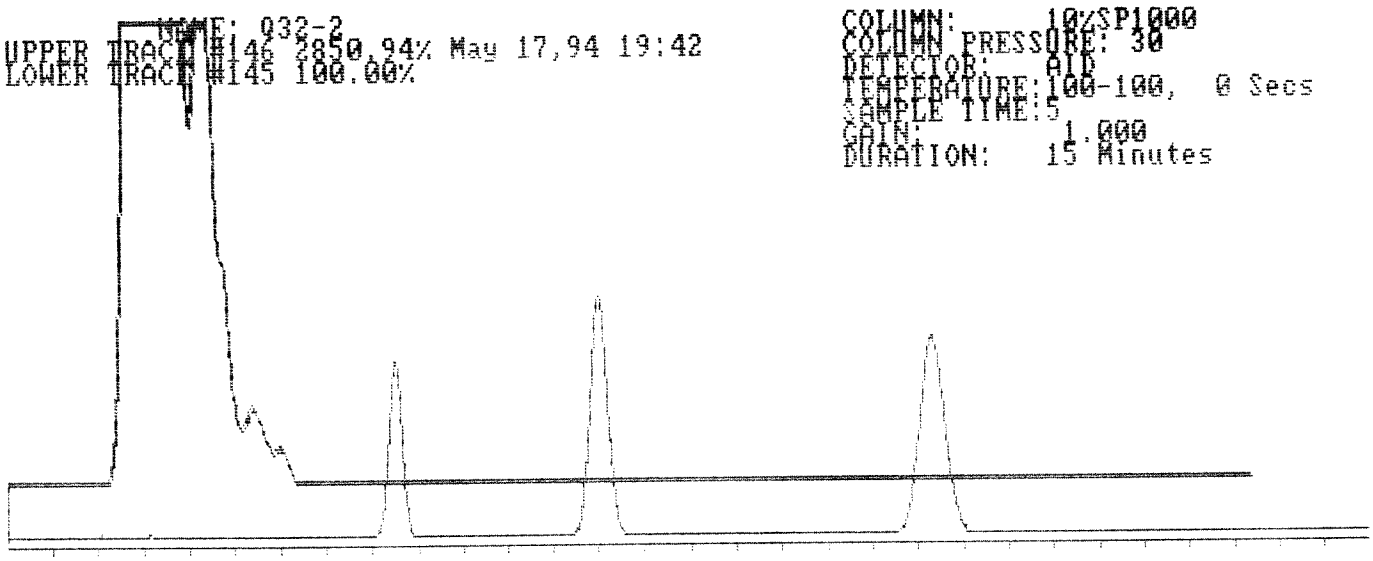
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	92	2792	0.002 PPM
2	UNKNOWN	112	126750115	100.563 PPM
3	UNKNOWN	135	53340379	42.320 PPM
4	UNKNOWN	158	6983111	5.540 PPM
5	[redacted] LINK	192	900791	0.715 PPM PBM
6	UNKNOWN	211	228287	0.181 PPM
7	[redacted] LINK	282	16549	0.013 PPM PBM

TOTAL AREA: 188222024



TRACE PRINTOUT

TRACE #136 DATE: Tue May 17 18:15:18 1994

NAME: Q31-2 CHART DURATION: 15

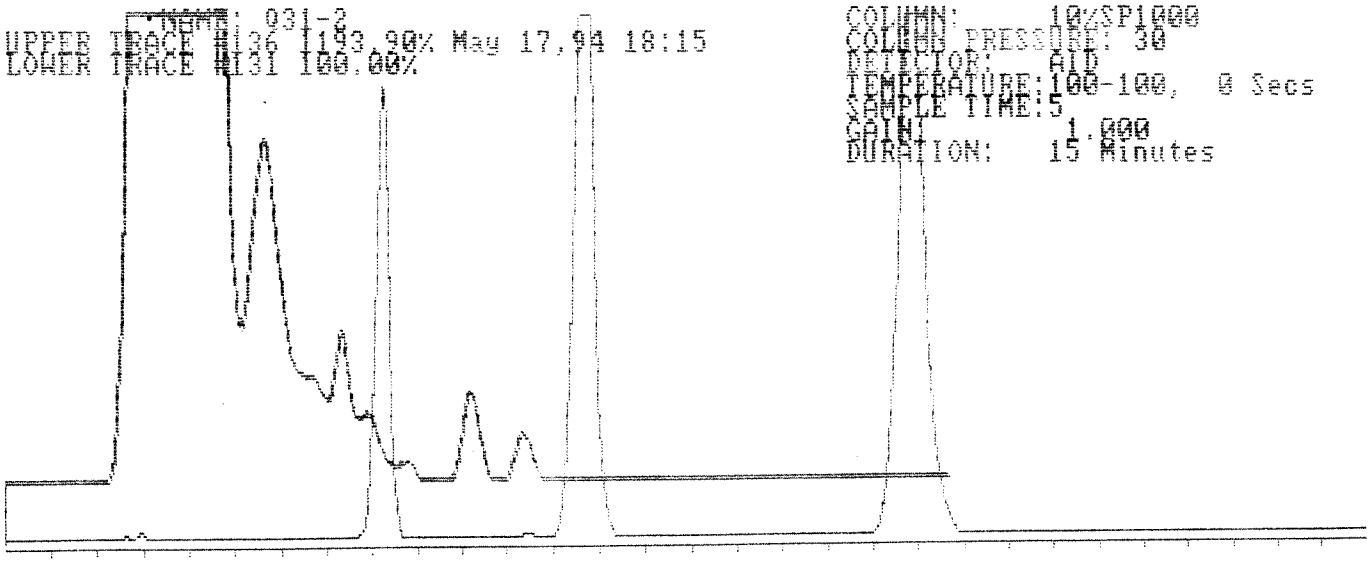
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	51	265	0.000 PPM
2	[redacted] LINK	118	112193492	35.995 PPM PBM
3	[redacted] LINK	133	34792566	11.163 PPM PBM
4	UNKNOWN	141	46455812	14.905 PPM
5	UNKNOWN	158	10341366	3.318 PPM
6	[redacted] LINK	172	3692628	1.185 PPM PBM
7	UNKNOWN	198	7359826	2.361 PPM
8	UNKNOWN	250	1480072	0.475 PPM
9	UNKNOWN	268	720423	0.231 PPM
10	UNKNOWN	295	132763	0.043 PPM
11	[redacted] LINK	336	812256	0.261 PPM PBM
12	[redacted] LINK	372	423292	0.136 PPM PBM

TOTAL AREA: 218404761



TRACE PRINTOUT

TRACE #155 DATE: Wed May 18 12:42:46 1994

NAME: Q34b CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~91~~	~~969~~	~~37568.797 PPB~~ PBM
2	UNKNOWN	141	6933	0.061 PPB PBM
3	UNKNOWN	876	16985	0.149 PPB PBM

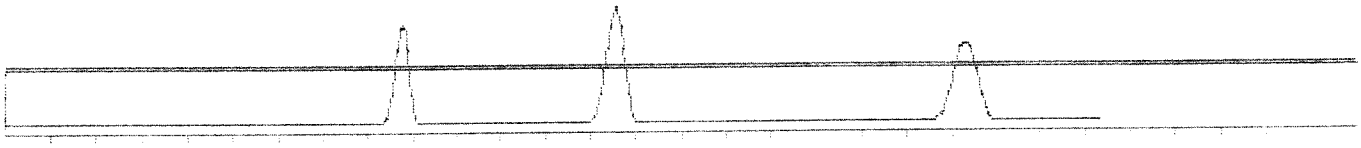
~~TOTAL AREA: 23940~~

NAME: Q34b

UPPER TRACE #155 0.73% May 18,94 12:42

LOWER TRACE #150 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE: 100-100, 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #144 DATE: Tue May 17 19:05:53 1994

NAME: Q33 CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

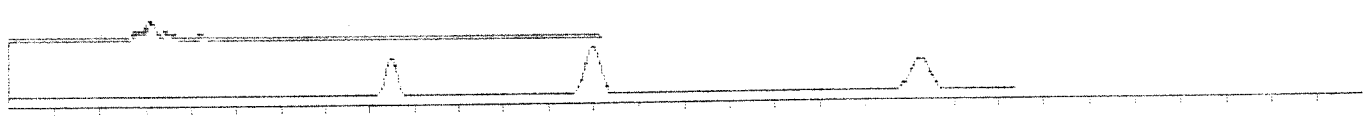
TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~92~~	~~5891~~	~~0.024 PPM~~ PBm
~~2~~	~~UNKNOWN~~	~~115~~	~~32121~~	~~0.132 PPM~~ PBm
~~3~~	~~#ISOOCTAN~~	~~125~~	~~83109~~	~~0.341 PPM~~ PBm
~~4~~	~~UNKNOWN~~	~~135~~	~~43675~~	~~0.179 PPM~~ PBm
~~5~~	~~UNKNOWN~~	~~138~~	~~16148~~	~~0.066 PPM~~ PBm
~~6~~	~~TOLUENE~~	~~417~~	~~7110~~	~~0.024 PPM~~ PBm

~~TOTAL AREA: 100062~~

NAME: Q33
UPPER TRACE #144 18.19% May 17,94 19:05
LOWER TRACE #140 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE: 100-100, 0 Secs
SAMPLE TIME: 5
GAIN: 1.000
DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #156 DATE: Wed May 18 13:27:59 1994

NAME: Q36 CHART DURATION: 15

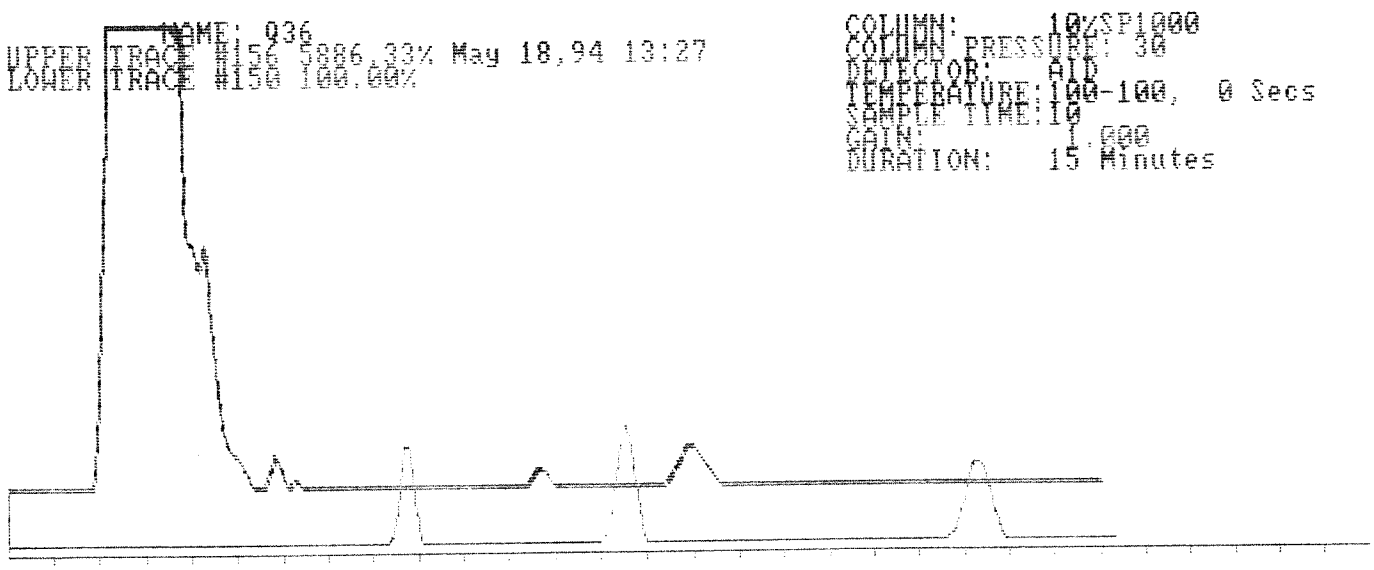
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	82	12857	0.112 PPB
2	UNKNOWN	100	162313102	1419.780 PPB
3	UNKNOWN	129	19801263	173.205 PPB
4	UNKNOWN	159	2298521	20.106 PPB
5	UNKNOWN	206	210334	1.840 PPB
6	UNKNOWN	221	23748	0.208 PPB
7	UNKNOWN	278	6237	0.055 PPB
8	UNKNOWN	382	127036	1.111 PPB
9	UNKNOWN	413	13263	0.116 PPB
10	UNKNOWN	480	543027	4.750 PPB

TOTAL AREA: 185349388



TRACE PRINTOUT

TRACE #154 DATE: Wed May 18 12:29:59 1994

NAME: Q35 CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

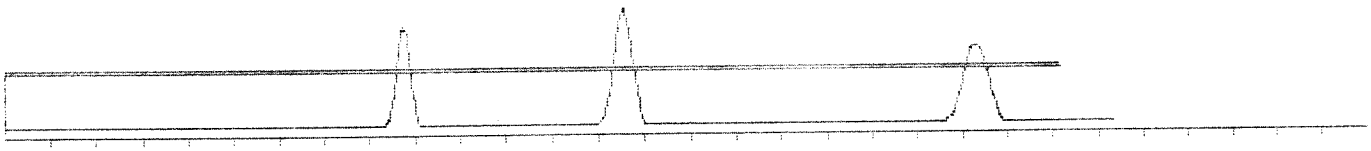
COLUMN PRESSURE: 30 SAMPLE TIME: 10

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
~~1~~	~~UNKNOWN~~	~~81~~	~~20~~	~~37560.005 PPB~~ PBm
2	UNKNOWN	159	6269	0.055 PPB
	~~TOTAL AREA:~~	~~6249~~		

NAME: Q35
UPPER TRACE #154 0.20% May 18,94 12:29
LOWER TRACE #150 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE: 100-100, 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #167 DATE: Wed May 18 15:09:03 1994

NAME: Q38 CHART DURATION: 15

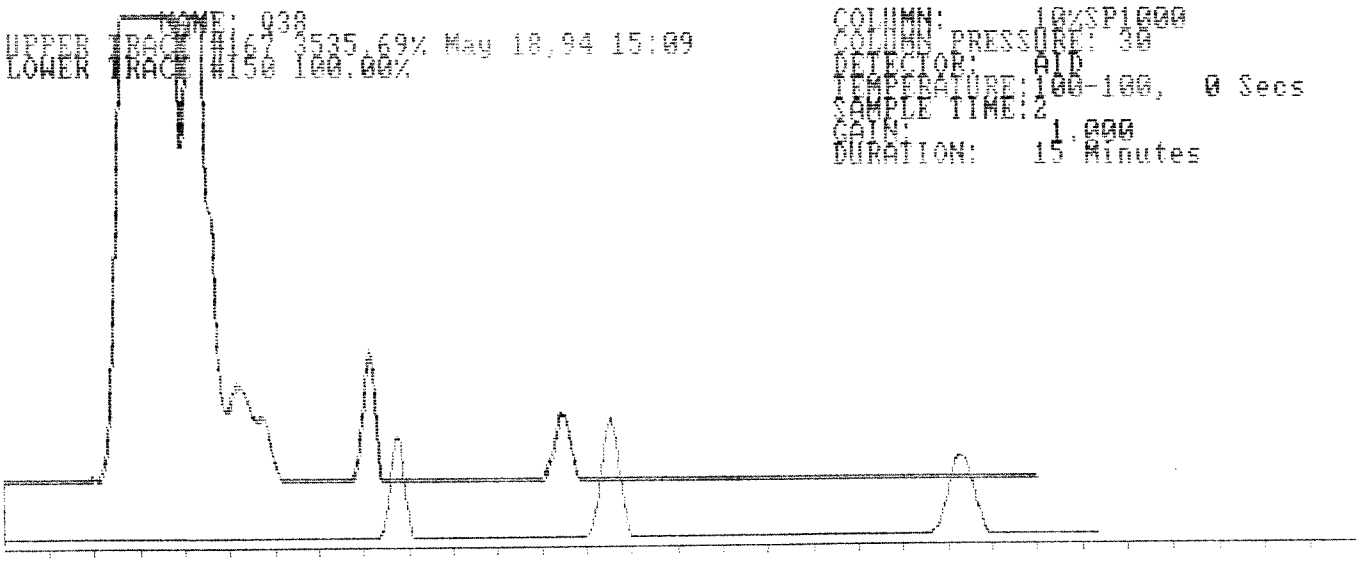
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 2

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	90	4447	0.039 PPB
2	UNKNOWN	111	21307174	186.377 PPB
3	UNKNOWN	117	54586554	477.478 PPB
4	UNKNOWN	131	24929398	218.062 PPB
5	UNKNOWN	153	7420281	64.906 PPB
6	UNKNOWN	185	1172667	10.258 PPB
7	UNKNOWN	202	410727	3.593 PPB
8	~~UNKNOWN~~ BENZENE	274	832670	7.284 PPB PBM
9	~~UNKNOWN~~ TOLUENE	404	623032	5.450 PPB PBM
10	UNKNOWN	590	27795	0.243 PPB
11	UNKNOWN	613	11861	0.104 PPB
12	UNKNOWN	630	5623	0.049 PPB

TOTAL AREA: 111332229



TRACE PRINTOUT

TRACE #159 DATE: Wed May 18 14:06:33 1994

NAME: Q37 CHART DURATION: 15

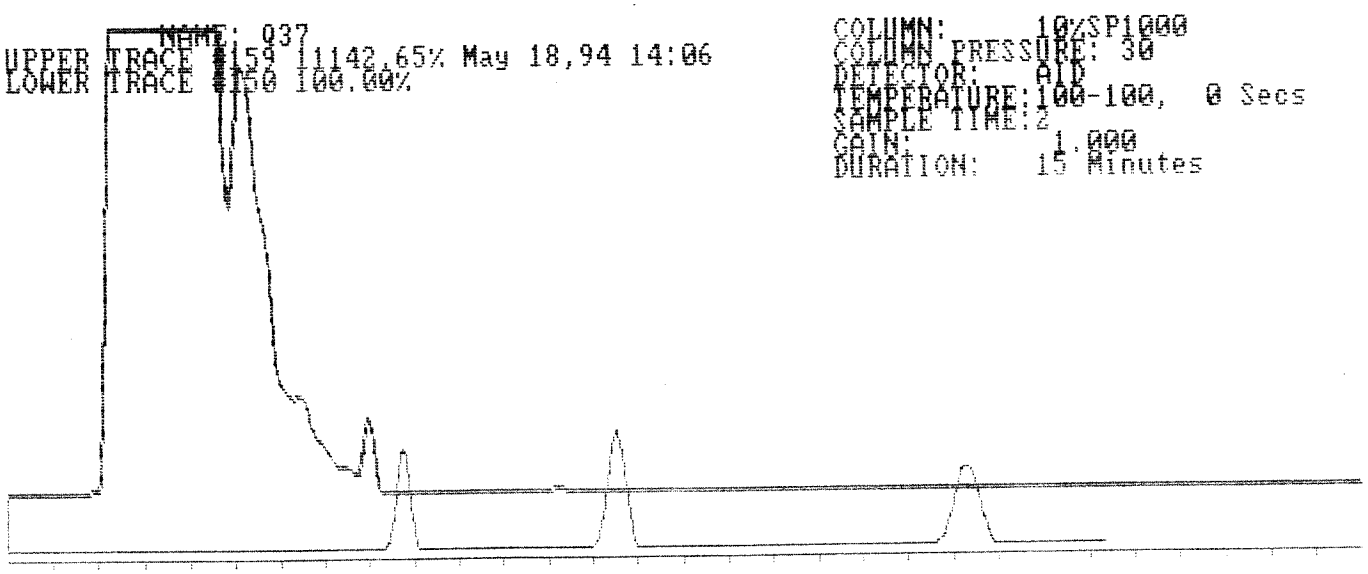
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 2

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	88	10423	0.091 PPB
2	UNKNOWN	101	268194446	2345.942 PPB
3	UNKNOWN	152	72489004	634.074 PPB
4	UNKNOWN	184	9457064	82.723 PPB
5	UNKNOWN	255	175861	1.538 PPB
6	UNKNOWN	270	482892	4.224 PPB
7	UNKNOWN	399	34528	0.302 PPB
8	UNKNOWN	607	16533	0.145 PPB

TOTAL AREA: 350860751



TRACE PRINTOUT

TRACE #180 DATE: Wed May 18 17:23:44 1994

NAME: Q40 CHART DURATION: 15

COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

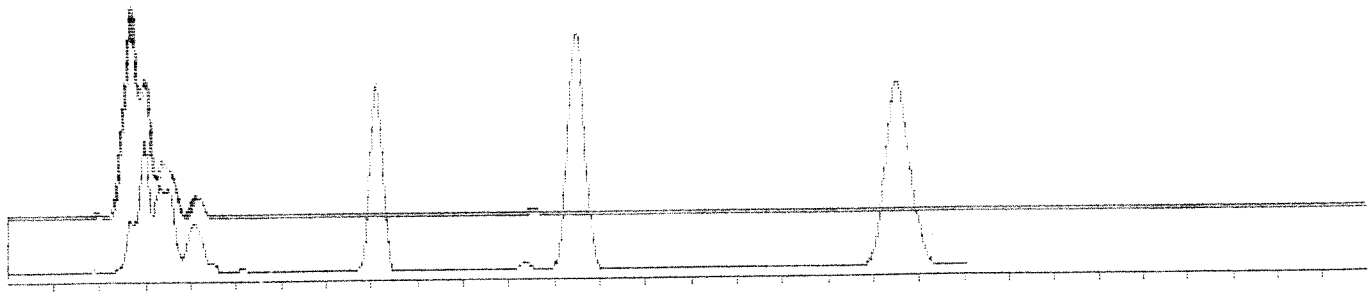
TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	90	8690	0.007 PPM
2	UNKNOWN	112	1512057	1.192 PPM
3	~~#1500CTAN~~ LINK	121	676823	0.534 PPM PBM
4	~~#11DCE~~ LINK	133	496163	0.391 PPM PBM
5	UNKNOWN	155	124476	0.098 PPM
6	~~#T12DCE~~ LINK	190	28513	0.022 PPM PBM
7	BENZENE	277	8305	0.007 PPM
8	UNKNOWN	378	25678	0.020 PPM
9	#ETHBENZ	583	17683	0.014 PPM
10	UNKNOWN	780	13361	0.011 PPM
11	UNKNOWN	848	4088	0.003 PPM

TOTAL AREA: 2915837

NAME: Q40
UPPER TRACE #180 34.02% May 18,94 17:23
LOWER TRACE #169 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE: 100-100, 0 Secs
SAMPLE TIME: 5
GAIN: 1.000
DURATION: 15 Minutes



TRACE PRINTOUT

TRACE #177 DATE: Wed May 18 16:53:08 1994

NAME: Q39 CHART DURATION: 15

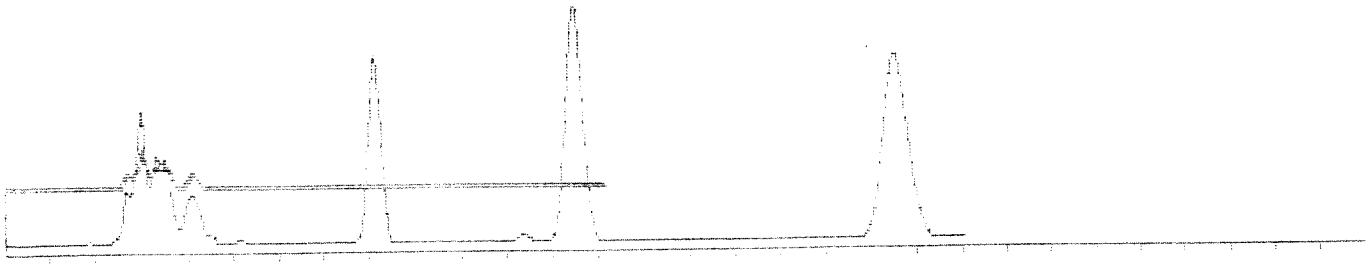
COLUMN: 10%SP1000 DETECTOR: AID

COLUMN PRESSURE: 30 SAMPLE TIME: 5

TEMPERATURE: 100 INHIBIT TIME: 30

PEAK#	NAME	RT	AREA	CONCENTRATION	
~~1~~	~~UNKNOWN~~	~~90~~	~~22~~	~~0.000 PPM~~	PBm
~~2~~	~~UNKNOWN~~	~~112~~	~~58601~~	~~0.046 PPM~~	PBm
~~3~~	~~#1SOOCTAN~~	~~121~~	~~159902~~	~~0.126 PPM~~	PBm
~~4~~	~~#11DCE~~	~~132~~	~~109390~~	~~0.086 PPM~~	PBm
~~5~~	~~UNKNOWN~~	~~138~~	~~83020~~	~~0.065 PPM~~	PBm
~~6~~	~~UNKNOWN~~	~~155~~	~~74940~~	~~0.059 PPM~~	PBm
~~7~~	~~BENZENE~~	~~275~~	~~7400~~	~~0.006 PPM~~	PBm

~~TOTAL AREA: 493449~~

NAME: Q39
UPPER TRACE #177 5.76% May 18,94 16:53
LOWER TRACE #169 100.00%

COLUMN: 10%SP1000
COLUMN PRESSURE: 30
DETECTOR: AID
TEMPERATURE:100-100, 0 Secs
SAMPLE TIME:5
GAIN: 1.000
DURATION: 15 Minutes