Pt 3

ANALYTICAL DATA REPORT PACKAGE

for

NORTH SEA LANDFILL

TOWN OF SOUTHAMPTON

DECEMBER 1987

Submitted by:

H2M LABS, INC.
HOLZMACHER, McLENDON and MURRELL, P.C.
Consulting Engineers, Environmental Scientists, Architects and Planners
Melville, N.Y. Riverhead, N.Y. Fairfield, N.J.

H2M LABS, INC.

IV. Standard Data Package for scans:

X	GC/MS Volatiles
X	GC/MS Extractables
X	Pesticides/PCB's
	GC Volatiles

1. Limit of Detection
2. Initial Calibration
3. Continuing Calibration
4. Evaluation Standards Summary (Linearity, Breakdown)
5. Evaluation of DEC Retention Time Shift
6. Standard Summary for Pesticides/PCB's
7. Identifiaction for Pesticides/PCB's
8. Standard Chromatograms
9. Quantification Reports of Integrams
10. Standard Spectra for Components found in Samples

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LIMIT OF DETECTION

PRIORITY POLLUTANTS - PURGEABLE ORGANICS

Compound	ug/l
Chloromethane	5
Bromomethane	5
Vinyl Chloride	5
Chloroethane	5
Methylene Chloride	1
1,1-Dichloroethene	1
1,1-Dichloroethane	1
cis/trans-1,2-Dichloroethene	1
Chloroform	1
1,2-Dichloroethane	1
Trichlorofluoromethane	1
1,1,1-Trichloroethane	1
Carbon Tetrachloride	1
Bromodichloromethane	1
1,2-Dichloropropane	1
trans-1,3-Dichloropropene	1
Trichloroethene	1
Dibromochloromethane	1
1,1,2-Trichloroethane	1
Benzene	1
cis-1,3-Dichloropropene	1
2-Chloroethylvinyl Ether	5
Bromoform	1
Tetrachloroethene	1
1,1,2,2-Tetrachloroethane	1
Toluene	1
Chlorobenzene	1
Ethylbenzene	1
1,2-Dichlorobenzene	1
1,3-Dichlorobenzene	1
1,4-Dichlorobenzene	1

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INITIAL CALIBRATION DATA
VOLATILE COMPOUNDS

Case No. _____ Calibration Date: 08/27/86
Laboratory: H2M Labs, Inc. Time: _____
Contract No. _____ Laboratory ID: _____
Instrument ID: OWA 1 Initial Calibration Date: 8/27/86

Minimum RF for SPCC is 0.300 Maximun %D for CCC is 30%

Laboratory ID	PU6267	PU6266	PU6268	PU6269	PU6270			CCC*
Compound	RF20	RF50	RF100	RF150	RF200	RF	%RSD	SPCC**
Chloromethane	2.24	2.53	2.16	2.78	2.70	2.48	10	* *
Bromomethane	0.945	1.25	0.785	1.42	1.22	1.12	20	
Vinyl Chloride	1.02	1.32	1.06	1.75	1.52	1.33	21	*
Chloroethane	1.31	1.39	1.28	1.29	1.32	1.32	3	
Methylene Chloride	2.82	2.64	2.72	2.45	1.82	2.49	14	
1,1-Dichloroethene	1.15	1.09	1.26	1.24	1.19	1.19	5	*
1,1-Dichloroethane	3.62	3.71	3.64	3.62	3.46	3.61	2	* *
cis/trans-1,2-Dichloroethene	1.60	1.59	1.70	1.66	1.51	1.61	4	
Chloroform	3.80	3.74	4.08	4.13	3.78	3.91	5	*
1,2-Dichloroethane	3.98	3.88	4.12	4.02	3.61	3.92	5	
Trichlorofluoromethane	2.42	2.31	2.49	2.29	2.26	2.35	4	
1,1,1-Trichloroethane	0.472	0.379	0.415	0.440	0.474	0.436	8	
Carbon Tetrachloride	0.205	0.187	0.229	0.256	0.266	0.229	13	
Bromodichloromethane	0.393	0.398	0.514	0.591	0.627	0.505	19	
1,2-Dichloropropane	0.533	0.509	0.574	0.608	0.599	0.565	7	*
trans-1,3-Dichloropropene	0.345	0.364	0.443	0.514	0.553	0.444	18	
Trichloroethene	0.465	0.429	0.494	0.518	0.513	0.484	7	
Dibromochloromethane	0.245	0.252	0.366	0.434	0.495	0.358	28	
1,1,2-Trichloroethane	0.395	0.358	0.456	0.464	0.464	0.427	10	
Benzene	1.11	1.06	1.14	0.899	1.02	1.05	8	
cis-1,3-Dichloropropene	0.325	0.360	0.466	0.534	0.577	0.452	21	
2-Chloroethylvinyl Ether	0.325	0.462	0.420	0.402	0.374	0.397	12	
Bromoform	0.378	0.372	0.355	0.342	0.396	0.369	6	* *
Tetrachloroethene	0.583	0.526	0.608	0.645	0.551	0.583	7	
1,1,2,2-Tetrachloroethane	0.725	0.601	0.865	0.990	0.887	0.814	17	* *
Toluene	0.883	0.815	0.897	0.755	0.775	0.825	7	*
Chlorobenzene	1.25	1.18	1.29	1.07	1.14	1.19	7	* *
Ethylbenzene	0.523	0.512	0.578	0.505	0.504	0.524	5	*
1,2-Dichlorobenzene	*0.735	*0.869	0.715	*0.595	0.828	0.748	14	
1,3-Dichlorobenzene	*0.617	*0.746	0.662	*0.588	0.754	0.673	11	
1,4-Dichlorobenzene	*0.792	*1.09	0.815	*0.690	0.793	0.836	18	

RF50-Response Factor from daily standard file at 50 nanograms
RF-Average Response Factor from initial calibration Form VI
%D-Percent Difference
COC-Calibration Check Compounds(*)
SPOC-System Performance Check Compounds(**)

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CLP Organic Form VII
CONTINUING CALIBRATION CHECK
VOLATILE HSL COMPOUNDS

Case No.
Laboratory: H2M Labs, Inc.
Contract No. N. Sea Landfill
Instrument ID: OWA 1

Calibration Date: 12/14/87
Time: 17:56
Laboratory ID: PU7841
Initial Calibration Date: 8/27/86

Minimum RF for SPCC is 0.300 Maximun %D for CCC is 25%

Compound	RF	RF50	%D	CCC	SPCC
Chloromethane	2.48	1.32	47		**
Bromomethane	1.12	1.08	4		
Vinyl Chloride	1.33	1.06	21	*	
Chloroethane	1.32	1.13	14		
Methylene Chloride	2.49	1.96	21		
1,1-Dichloroethene	1.19	1.42	20	*	
1,1-Dichloroethane	3.61	2.89	20		**
cis/trans-1,2-Dichloroethene	1.61	1.49	7		
Chloroform	3.91	3.98	2	*	
1,2-Dichloroethane	3.92	3.45	12		
Trichlorofluoromethane	2.35	2.48	5		
1,1,1-Trichloroethane	0.436	0.615	41		
Carbon Tetrachloride	0.229	0.216	6		
Bromodichloromethane	0.505	0.545	8		
1,2-Dichloropropane	0.565	0.509	10	*	
trans-1,3-Dichloropropene	0.444	0.566	28		
Trichloroethene	0.484	0.605	25		
Dibromochloromethane	0.358	0.429	20		
1,1,2-Trichloroethane	0.427	0.475	11		
Benzene	1.05	1.16	10		
cis-1,3-Dichloropropene	0.452	0.328	28		
2-Chloroethylvinyl Ether	0.397	0.300	24		
Bromoform	0.369	0.352	5		**
Tetrachloroethene	0.583	0.489	16		
1,1,2,2-Tetrachloroethane	0.814	0.907	11		**
Toluene	0.825	0.839	2	*	
Chlorobenzene	1.19	0.965	19		**
Ethylbenzene	0.524	0.417	24	*	
1,2-Dichlorobenzene	0.748	0.643	14		
1,3-Dichlorobenzene	0.673	0.559	17		
1,4-Dichlorobenzene	0.836	0.633	24		

RF50-Response Factor from daily standard file at 50 nanograms
RF-Average Response Factor from initial calibration Form VI
%D-Percent Difference
COC-Calibration Check Compounds(*)
SPOC-System Performance Check Compounds(**)

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CLP Organic Form VII
CONTINUING CALIBRATION CHECK
VOLATILE HSL COMPOUNDS

Case No.
Laboratory: H2M Labs, Inc.
Contract No. N. Sea Landfill
Instrument ID: OWA 1

Calibration Date: 12/16/87
Time: 05:12
Laboratory ID: PU7852
Initial Calibration Date: 8/27/86

Minimum RF for SPCC is 0.300 Maximun %D for CCC is 25%

Compound	RF	RF50	%D	CCC	SPCC
Chloromethane	2.48	1.24	50		**
Bromomethane	1.12	1.19	7		
Vinyl Chloride	1.33	1.59	19	*	
Chloroethane	1.32	1.49	13		
Methylene Chloride	2.49	1.99	20		
1,1-Dichloroethene	1.19	1.15	4	*	
1,1-Dichloroethane	3.61	2.70	25		**
cis/trans-1,2-Dichloroethene	1.61	1.38	14		
Chloroform	3.91	3.12	20	*	
1,2-Dichloroethane	3.92	2.29	42		
Trichlorofluoromethane	2.35	1.25	47		
1,1,1-Trichloroethane	0.436	0.392	10		
Carbon Tetrachloride	0.229	0.301	31		
Bromodichloromethane	0.505	0.547	8		
1,2-Dichloropropane	0.565	0.517	8	*	
trans-1,3-Dichloropropene	0.444	0.448	1		
Trichloroethene	0.484	0.403	17		
Dibromochloromethane	0.358	0.508	42		
1,1,2-Trichloroethane	0.427	0.341	20		
Benzene	1.05	1.10	5		
cis-1,3-Dichloropropene	0.452	0.372	18		
2-Chloroethylvinyl Ether	0.397	0.313	21		
Bromoform	0.369	0.303	18		**
Tetrachloroethene	0.583	0.405	20		
1,1,2,2-Tetrachloroethane	0.814	0.569	30		**
Toluene	0.825	0.926	12	*	
Chlorobenzene	1.19	1.01	15		**
Ethylbenzene	0.524	0.536	2	*	
1,2-Dichlorobenzene	0.748	0.503	33		
1,3-Dichlorobenzene	0.673	0.401	40		
1,4-Dichlorobenzene	0.836	0.538	37		

RF50-Response Factor from daily standard file at 50 nanograms
RF-Average Response Factor from initial calibration Form VI
%D-Percent Difference
CCC-Calibration Check Compounds(*)
SPCC-System Performance Check Compounds(**)

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CLP Organic Form VII
CONTINUING CALIBRATION CHECK
VOLATILE HSL COMPOUNDS

Case No. _____ Calibration Date: 12/16/87
Laboratory: H2M Labs, Inc. Time: 11:24
Contract No. N. Sea Landfill Laboratory ID: PU7860
Instrument ID: OWA 1 Initial Calibration Date: 8/27/86

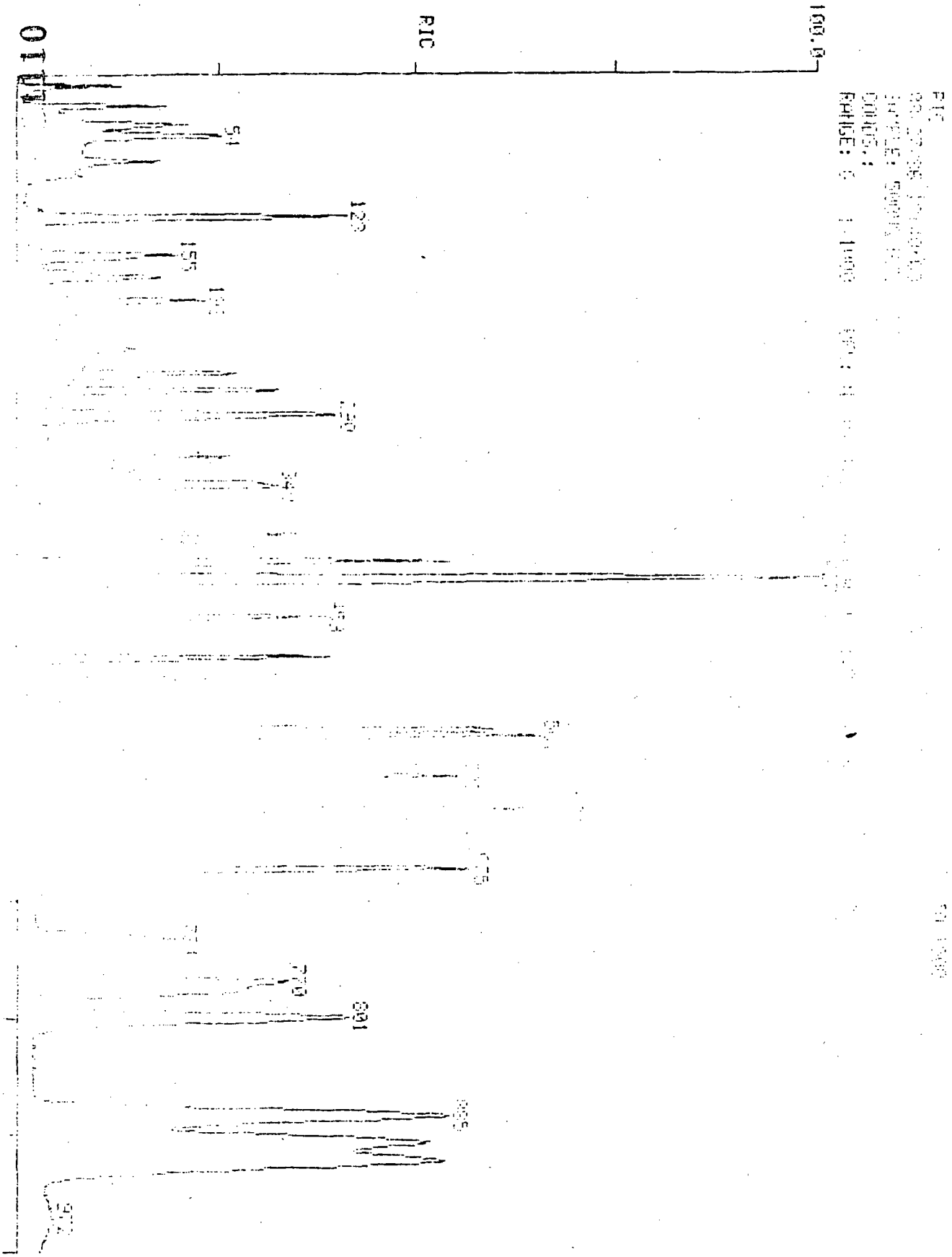
Minimum RF for SPCC is 0.300 Maximun %D for CCC is 25%

Compound	RF	RF50	%D	CCC	SPCC
Chloromethane	2.48	1.36	45		**
Bromomethane	1.12	1.46	30		
Vinyl Chloride	1.33	1.09	18	*	
Chloroethane	1.32	1.44	9		
Methylene Chloride	2.49	1.30	48		
1,1-Dichloroethene	1.19	1.03	13	*	
1,1-Dichloroethane	3.61	2.38	34		**
cis/trans-1,2-Dichloroethene	1.61	0.944	41		
Chloroform	3.91	3.43	12	*	
1,2-Dichloroethane	3.92	2.40	39		
Trichlorofluoromethane	2.35	1.59	32		
1,1,1-Trichloroethane	0.436	0.466	7		
Carbon Tetrachloride	0.229	0.336	47		
Bromodichloromethane	0.505	0.691	37		
1,2-Dichloropropane	0.565	0.511	10	*	
trans-1,3-Dichloropropene	0.444	0.458	3		
Trichloroethene	0.484	0.372	23		
Dibromochloromethane	0.358	0.529	48		
1,1,2-Trichloroethane	0.427	0.367	14		
Benzene	1.05	0.846	19		
cis-1,3-Dichloropropene	0.452	0.353	22		
2-Chloroethylvinyl Ether	0.397	0.333	16		
Bromoform	0.369	0.310	16		**
Tetrachloroethene	0.583	0.311	47		
1,1,2,2-Tetrachloroethane	0.814	0.720	12		**
Toluene	0.825	0.643	22	*	
Chlorobenzene	1.19	0.871	27		**
Ethylbenzene	0.524	0.414	21	*	
1,2-Dichlorobenzene	0.748	0.618	17		
1,3-Dichlorobenzene	0.673	0.574	5		
1,4-Dichlorobenzene	0.836	0.619	26		

RF50-Response Factor from daily standard file at 50 nanograms
RF-Average Response Factor from initial calibration Form VI
%D-Percent Difference
CCC-Calibration Check Compounds(*)
SPCC-System Performance Check Compounds(**)

6015

TCA FINISHED. 46 FOUND
FINISHED AT: 9/16/86 14:14:57



QUANTITATION REPORT FILE: PU6265

DATA: PU6265.TI
08/27/86 13:40:00
SAMPLE: 500NG HSL CONC
CONDS. :
SUBMITTED BY: ANALYST: IO

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHRLOROMETHANE (INT. STD.)
2	CHLOROMETHANE
3	BROMOMETHANE
4	VINYL CHLORIDE
5	CHLOROETHANE
6	METHYLENE CHLORIDE (C)
7	ACETONE
8	CARBON DISULPHIDE
9	[illegible] (S)
10	[illegible] D4 (SURR. STD)
11	[illegible] (E)
12	[illegible] 1,2-DICHLOROETHENE (D)
13	[illegible]
14	[illegible] (H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRA CHLORIDE
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS-1,3-DICHLOROPROPENE(AA)
27	D8-TOLUENE(SURR. STD)
28	TRICHLOROETHENE(K)
29	DIBROMOCHLOROMETHANE(O)
30	1,1,2-TRICHLOROETANE(M)
31	BENZENE(BEN)
32	CIS-1,3-DICHLOROPROPENE(Z)
33	2-CHLOROETHYLVINYLETHER(NN)
34	BROMOFORM(P)
35	CHLOROBENZENE-D5 (INT. STD)
36	2-HEXANONE(MBK)
37	4-METHYL-2-PENTANONE(MIBK)
38	TETRACHLOROETHENE(N)
39	ETHANE, 1,1,2,2-TETRACHLORO-
40	TOLUENE(TOL)
41	CHLOROBENZENE(Q)
42	ETHYLBENZENE(EB)
43	BROMOFLUORBENZENE(SURR. STD)
44	STYRENE
45	META-XYLENE
46	ORTHO/PARA-XYLENE
47	META-DICHLOROBENZENE(MDCB)
48	ORTHO-DICHLOROBENZENE(ODCB)
49	PARA-DICHLOROBENZENE(PDCB)

2	[illegible]	28	1:24	1	0.[illegible]	A	BB	148656.	[illegible]	NG	1.[illegible]
3	54	44	2:12	1	0.211	A	BB	56273.	484.477	NG	1.47
4	62	55	2:45	1	0.263	A	BB	88274.	558.652	NG	1.94
5	64	75	3:45	1	0.359	A	BB	77648.	424.432	NG	1.47
6	84	123	6:09	1	0.589	A	BB	157388.	649.022	NG	2.25
7	43	154	7:42	1	0.737	A	VB	227518.	576.873	NG	2.00
8	76	158	7:54	1	0.756	A	BB	151142.	588.001	NG	2.04
9	96	193	9:39	1	0.923	A	BB	73136.	553.643	NG	1.92
10	65	287	14:21	1	1.373	A	BB	94458.	390.028	NG	1.35
11	63	233	11:39	1	1.115	A	BV	226173.	784.142	NG	2.72
12	96	254	12:42	1	1.215	A	VB	78494.	469.691	NG	1.63
13	88	268	13:24	1	1.282	A	BB	246411.	700.689	NG	2.43
14	82	289	14:27	1	1.383	A	BB	253720.	823.456	NG	2.85
15	101	174	8:42	1	0.833	A	BB	149327.	567.329	NG	1.97
16	85	53	2:39	1	0.254	A	BB	88293.	1270.260	NG	4.40
17	56	135	6:45	1	0.646	A	BB	4071.	323.677	NG	1.12
18	NOT	FOUND									
19	114	493	24:39	19	1.000	A	BB	149406.	258.000	NG	0.57
20	43	292	14:36	19	0.592	A	BB	232400.	514.962	NG	1.79
21	97	324	16:12	19	0.657	A	BB	146805.	695.941	NG	2.41
22	117	335	16:45	19	0.680	A	VB	82006.	420.920	NG	1.46
[illegible]	[illegible]	FOUND									
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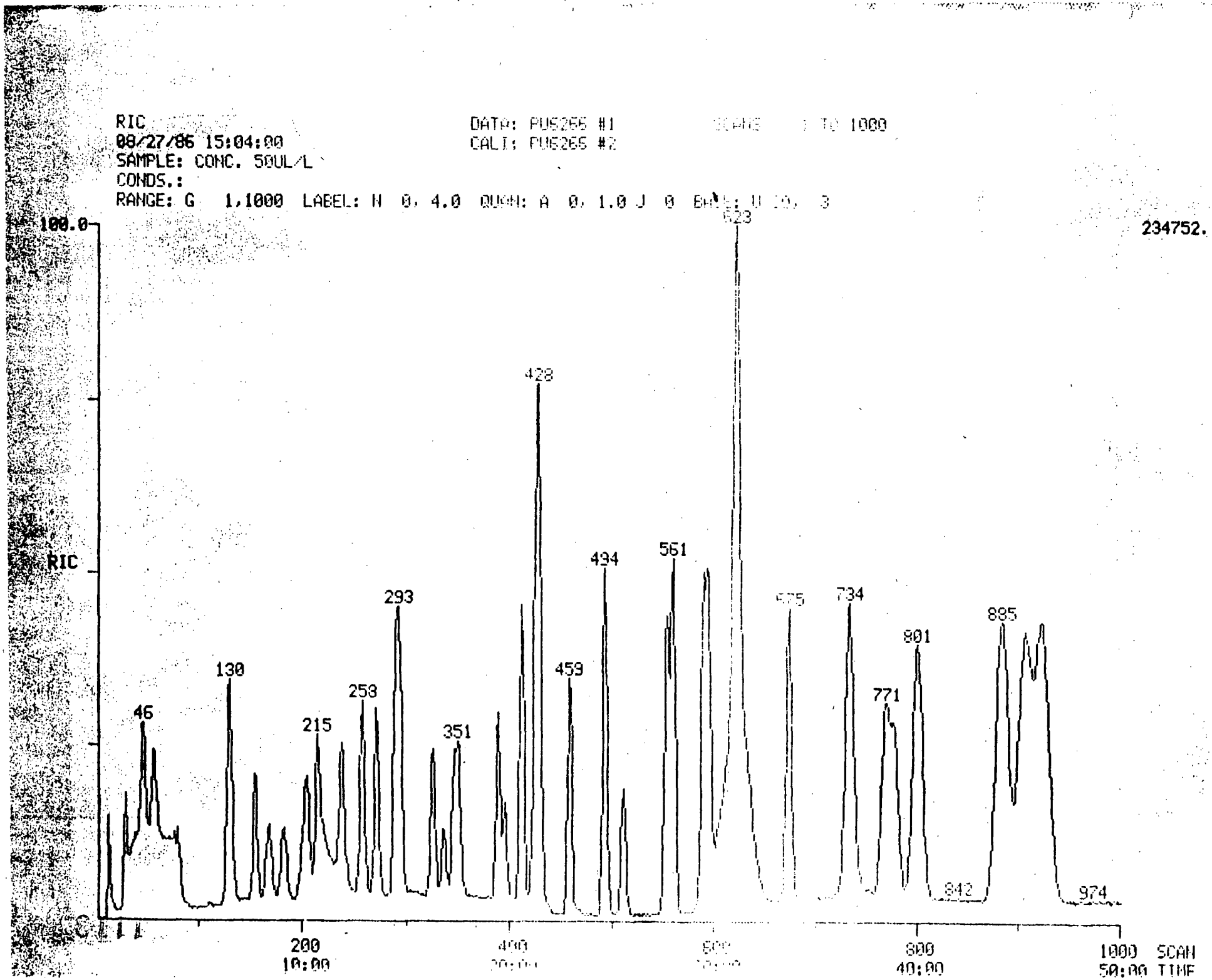
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	591	24:39	35	0.958	A	BB	90396.	273.[illegible]	NG	0.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	A	BV	167658.	577.[illegible]	NG	[illegible]
[illegible]	[illegible]	[illegible]	21:18	19	[illegible]	A	BB	121508.	638.566	NG	[illegible]
30	97	428	21:24	19	0.868	A	BB	152688.	573.574	NG	1.[illegible]
31	78	426	21:18	19	0.864	A	BB	422636.	596.639	NG	2.07
32	75	430	21:30	19	0.872	A	BB	180222.	967.285	NG	3.35
33	NOT	FOUND									
34	172	493	24:39	19	1.000	A	BB	95928.	727.104	NG	2.51
35	117	621	31:03	35	1.000	A	BB	112010.	250.000	NG	0.87
36	43	512	25:36	35	0.824	A	BB	308097.	842.196	NG	2.91
37	43	554	27:42	35	0.892	A	BB	276446.	672.684	NG	2.[illegible]
38	144	581	28:03	35	0.903	A	BB	167292	667.452	NG	3.[illegible]
39	63	555	27:45	35	0.894	A	BB	253338.	631.427	NG	2.[illegible]
40	92	596	29:48	35	0.960	A	BB	262512.	634.807	NG	2.[illegible]
41	112	624	31:12	35	1.005	A	BB	361332.	631.187	NG	2.19
42	106	674	33:42	35	1.085	A	BB	167189.	649.949	NG	2.25
43	95	733	36:39	35	1.180	A	BB	96314.	254.413	NG	0.89
44	104	769	38:27	35	1.238	A	BB	279894.	449.704	NG	1.56
45	106	778	38:54	35	1.253	A	BB	137595.	619.229	NG	2.15
46	106	802	40:06	35	1.291	A	BB	254111.	637.879	NG	2.21
47	146	885	44:15	35	1.425	A	BB	466432.	1206.760	NG	4.19
48	146	908	45:24	35	1.462	A	BV	441072.	1257.140	NG	4.37
49	146	923	46:09	35	1.486	A	VB	557792.	1257.020	NG	4.36


RIC
08/27/86 15:04:00
SAMPLE: CONC. 50UL/L
CONDS.:
DATA: PUS265 #1
CALI: PUS265 #2
RANGE: G 1,1000 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0
100.0
RIC
234752.
46
130
215
258
293
351
428
459
494
561
623
675
734
771
801
842
885
974
200
10:00
800
40:00
1000 SCAN
50:00 TIME

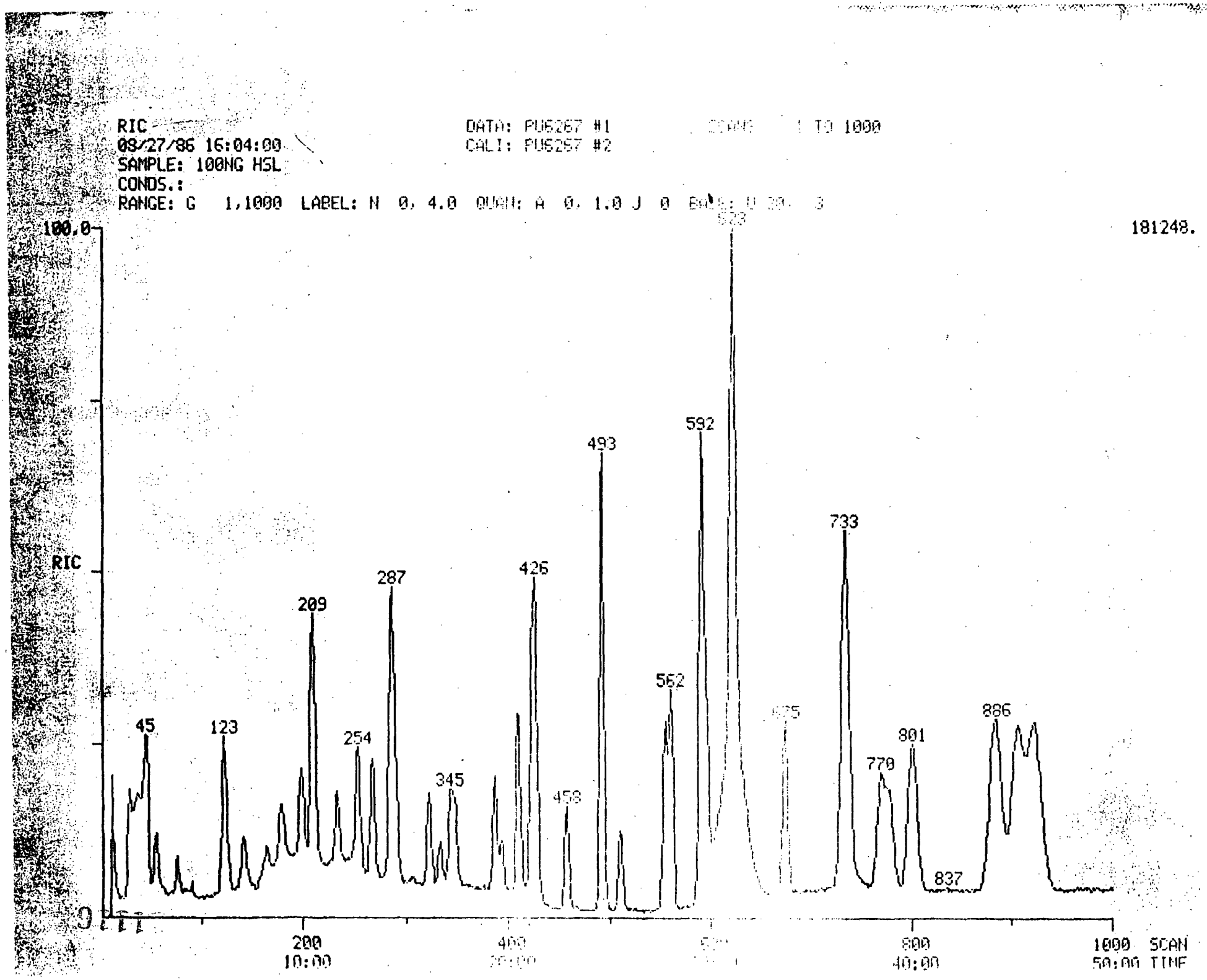
QUANTITATION REPORT FILE: PU6266

DATA: PU6266.TI
08/27/86 15.04:00
SAMPLE: CONC. 50UG/L
CONDS.:
SUBMITTED BY: ANALYST:

AMOUNT=AREA * REF AMT/(REF AREA * REF FACT)
REF. FAC. FROM ANALYSIS OF WHOLE ...

No	Name
1	BROMOCHLOROMETHANE (INT. STD)
2	1,2-DICHLOROETHANE-D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULFIDE
10	1,1-DICHLOROETHENE
11	1,1-DICHLOROETHANE (D)
12	TRANS-1,2-DICHLOROETHENE (E)
13	CHLOROFORM (F)
14	1,2-DICHLOROETHANE (G)
15	2-BUTANONE (MEK)
16	DICHLOROBROMOMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE (INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE (J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE (K,L)
25	1,2-DICHLOROPROPANE (X)
26	TRANS-1,3-DICHLOROPROPANE (AA)
27	TRICHLOROETHENE (K)
28	DIBROMOCHLOROMETHANE (O)
29	1,1,2-TRICHLOROETHANE (M)
30	BENZENE (BEN)
31	CIS-1,3-DICHLOROPROPENE (Z)
32	2-CHLOROETHYLVINYLETHER (NN)
33	BROMOFORM (P)
34	CHLOROBENZENE D5
35	2-HEXANONE (MBK)
36	4-METHYL-2-PENTANONE (MIBK)
37	TETRACHLOROETHENE (N)
38	1,1,2,2-TETRACHLOROETHANE (CC)
39	TOLUENE
40	CHLOROBENZENE (Q)
41	ETHYL BENZENE (EB)
42	STYRENE
43	META-XYLENE
44	OTHRO/PARA-XYLENE
45	M-DICHLOROBENZENE (M-DCB)
46	O-DICHLOROBENZENE (O-DCB)
47	P-DICHLOROBENZENE (P-DCB)
48	TOLUENE-D8 (SURR. STD.)
49	BROMOFLUOROBENZENE (SURR. STD.)

2	[illegible]	[illegible]	[illegible]	1	1.355	[illegible]	[illegible]	107403.	250.000	NG	1.65
3	50	[illegible]	[illegible]	1	0.131	A	BB	77806.	250.000	NG	1.65
4	94	46	2:18	1	0.215	A	BB	38306.	250.000	NG	1.65
5	62	87	2:51	1	0.266	A	BB	40539.	250.000	NG	1.65
6	64	89	4:00	1	0.374	A	BB	42536.	250.000	NG	1.65
7	84	130	6:30	1	0.607	A	BB	81068.	250.000	NG	1.65
8	43	155	7:45	1	0.724	A	VB	151781.	250.000	NG	1.65
9	76	167	8:21	1	0.780	A	BB	91716.	250.000	NG	1.65
10	96	203	10:09	1	0.949	A	BB	33409.	250.000	NG	1.65
11	63	238	11:54	1	1.112	A	BB	113754.	250.000	NG	1.65
12	96	258	12:54	1	1.206	A	BB	48877	250.000	NG	1.65
13	83	[illegible]	[illegible]	1	1.271	A	BB	114699.	250.000	NG	1.65
14	62	293	14:39	1	1.369	A	BB	119133.	250.000	NG	1.65
15	101	182	9:06	1	0.850	A	BB	70832.	250.000	NG	1.65
16	85	98	4:45	1	0.257	A	BB	47355.	250.000	NG	1.65
17	56	149	7:15	1	0.678	A	BB	1749.	2500.000	NG	16.48
18	NOT FOUND										
19	114	[illegible]	[illegible]	[illegible]	1.000	A	BB	184309.	250.000	NG	1.65
20	43	295	14:43	[illegible]	0.597	A	BB	200502.	250.000	NG	1.65
21	97	327	16:21	[illegible]	0.662	A	BB	69925.	250.000	NG	1.65
22	117	[illegible]	[illegible]	[illegible]	0.687	A	VB	34397	250.000	NG	1.65
23	[illegible]	[illegible]	[illegible]	[illegible]	0.732	A	BB	192605	250.000	NG	1.65
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250.000	[illegible]	1.65
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250.000	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250.000	[illegible]	1.65
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250.000	[illegible]	1.65
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250.000	[illegible]	1.65
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250.000	[illegible]	1.65
30	78	[illegible]	[illegible]	[illegible]	0.860	A	BB	175820.	250.000	NG	1.65
31	79	410	20:30	[illegible]	0.870	A	BB	86352	250.000	NG	1.65
32	63	459	22:57	[illegible]	0.929	A	BB	85156.	250.000	NG	1.65
33	173	473	23:39	[illegible]	0.998	A	BB	29185.	250.000	NG	1.65
34	117	62	3:07	[illegible]	1.000	A	BB	146197.	250.000	NG	1.65
35	43	[illegible]	[illegible]	[illegible]	1.024	A	BB	142465	250.000	NG	1.65
36	43	454	22:42	[illegible]	0.893	A	BV	152552.	250.000	NG	1.65
37	164	561	28:03	[illegible]	0.907	A	BB	76938	250.000	NG	1.65
38	57	581	[illegible]	[illegible]	[illegible]	A	BB	87798.	250.000	NG	1.65
39	91	[illegible]	[illegible]	[illegible]	[illegible]	A	BB	110[illegible].	250.000	NG	1.65
40	112	[illegible]	[illegible]	[illegible]	1.000	A	BB	172866.	250.000	NG	1.65
41	106	679	33:45	34	1.027	A	BB	74900.	250.000	NG	1.65
42	104	769	38:27	34	1.228	A	BB	149385.	354.025	NG	2.33
43	106	778	38:54	34	1.253	A	BB	74981.	138.499	NG	0.91
44	106	801	40:03	34	1.290	A	BB	135345.	500.000	NG	3.30
45	146	885	44:13	34	1.425	A	BB	209150.	500.000	NG	3.30
46	146	907	45:21	34	1.461	A	BV	193456.	500.000	NG	3.30
47	146	922	46:06	34	1.485	A	VB	328272.	615.830	NG	4.06
48	100	591	29:33	34	0.952	A	BB	113046.	250.000	NG	1.65
49	95	733	36:39	34	1.180	A	BB	124921.	250.000	NG	1.65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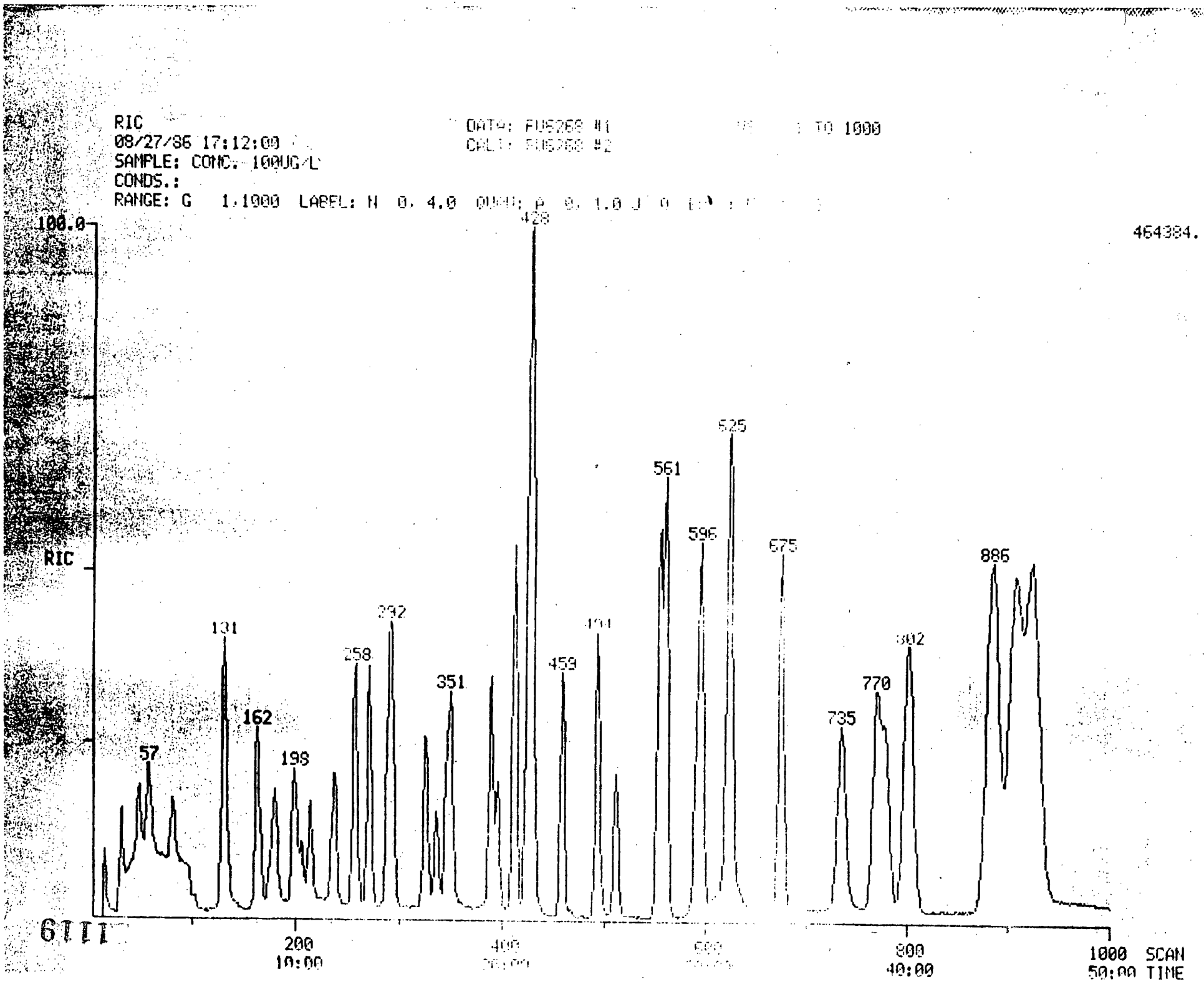
QUANTITATION REPORT (FILE: PU6267)

DATA: PU6267.TI
08/27/86 16:04:00
SAMPLE: 100NG HSL
CONDS.
SUBMITTED BY: ANALYST: IO

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP FAC. FROM LIBRARY ENTRY

No	NAME
1	BROMOCHLOROMETHANE (INT. STD)
2	1,2-DICHLOROETHANE-D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE
8	ACETONE
17	ACROLEIN
18	ACRYLONITRILE
26	TRANS-1,3-DICHLOROPROPENE(AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHLOROETHANE(M)
30	BENZENE (BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(F)
34	CHLOROBENZENE DB
35	2-HEXANONE (MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE (N)
38	1,1,2,2-TETRACHLOROETHANE (CC)
39	TOLUENE
40	CHLOROBENZENE (Q)
41	ETHYL BENZENE (EB)
42	STYRENE
43	META-XYLENE
44	OTHRO/PARA-XYLENE
45	M-DICHLOROBENZENE (M-DCB)
46	O-DICHLOROBENZENE (O-DCB)
47	P-DICHLOROBENZENE (P-DCB)
48	TOLUENE-D8 (SURR STD.)
49	BROMOFLUOROBENZENE (SURR. STD.)

2	45	286	14	[illegible]		1.369	A	BB	[illegible]	230.613	NG	3.51
3	50	28	1	[illegible]	1	0.134	A	BV	34093.	88.466	NG	1.35
4	94	45	2	15	1	0.215	A	BB	14375.	75.765	NG	1.15
5	62	56	2	49	1	0.268	A	BB	15504	77.214	NG	1.18
6	64	76	3	48	1	0.364	A	BB	19859.	94.260	NG	1.43
7	84	123	6	09	1	0.589	A	BB	42829.	106.641	NG	1.62
8	43	141	7	03	1	0.675	A	BB	65401.	86.995	NG	1.32
9	76	164	8	12	1	0.785	A	BB	45077.	99.228	NG	1.51
10	96	198	9	54	1	0.947	A	BB	17524.	105.900	NG	1.61
11	63	233	11	39	1	1.115	A	BB	54967.	97.558	NG	1.48
12	96	254	12	42	1	1.215	A	BB	24258.	100.202	NG	1.53
13	83	268	13	24	1	1.282	A	BB	57813	101.762	NG	1.55
14	62	289	14	27	1	1.383	A	BB	60580.	102.665	NG	1.56
15	101	179	8	57	1	0.856	A	BB	36759.	104.776	NG	1.59
16	85	54	2	43	1	0.256	A	BB	24633.	105.021	NG	1.60
17	56	143	7	09	1	0.684	A	BB	696.	796.499	NG	12.13
18	53	159	7	57	1	0.761	A	BB	8675.	90.242	NG	1.37
19	114	493	24	[illegible]	[illegible]	1.000	A	BB	2104[illegible]	250.000	NG	3.80
20	43	291	14	[illegible]	19	0.590	A	BB	74079.	80.897	NG	1.23
21	97	324	16	[illegible]	[illegible]	0.657	A	BB	36817	112.779	NG	1.72
22	117	334	[illegible]	[illegible]	[illegible]	0.677	A	VB	17[illegible]	110.486	NG	1.68
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	A	BB	[illegible]	104.359	NG	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NG	[illegible]
32	63	458	22	54	19	0.929	A	BB	27357.	70.341	NG	1.07
33	173	492	24	26	19	0.998	A	BB	14224	107.463	NG	1.64
34	117	402	31	[illegible]	[illegible]	[illegible]	[illegible]	BB	14[illegible]	250.000	NG	3.80
35	40	511	25	[illegible]	[illegible]	0.[illegible]	A	BV	[illegible]	106.997	NG	1.63
36	40	555	27	45	[illegible]	[illegible]	A	BV	66[illegible]	96.199	NG	1.46
37	[illegible]	561	28	01	[illegible]	[illegible]	A	BB	38751	110.875	NG	1.69
38	[illegible]	596	29	46	[illegible]	[illegible]	A	BB	48[illegible]	173.099	NG	1.64
39	[illegible]	647	31	32	[illegible]	[illegible]	A	BB	58[illegible]	106.449	NG	1.62
40	116	620	31	15	34	[illegible]	A	BB	83886.	105.539	NG	1.61
41	106	675	33	45	34	1.085	A	BB	34694	101.957	NG	1.55
42	104	769	38	27	34	1.236	A	BB	68376	142.672	NG	2.17
43	106	778	38	54	34	1.251	A	BB	35721.	58.093	NG	0.88
44	106	801	40	03	34	1.288	A	BB	64476	209.714	NG	3.19
45	NOT FOUND											
46	146	935	44	15	34	1.423	A	BB	103124	234.668	NG	3.57
47	146	885	44	15	34	1.423	A	BB	103124	234.668	NG	3.57
48	104	592	29	32	34	0.952	A	BB	128264	249.744	NG	3.81
49	95	733	36	39	34	1.178	A	BB	138093.	243.321	NG	3.70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QUANTITATION REPORT FILE: [illegible]

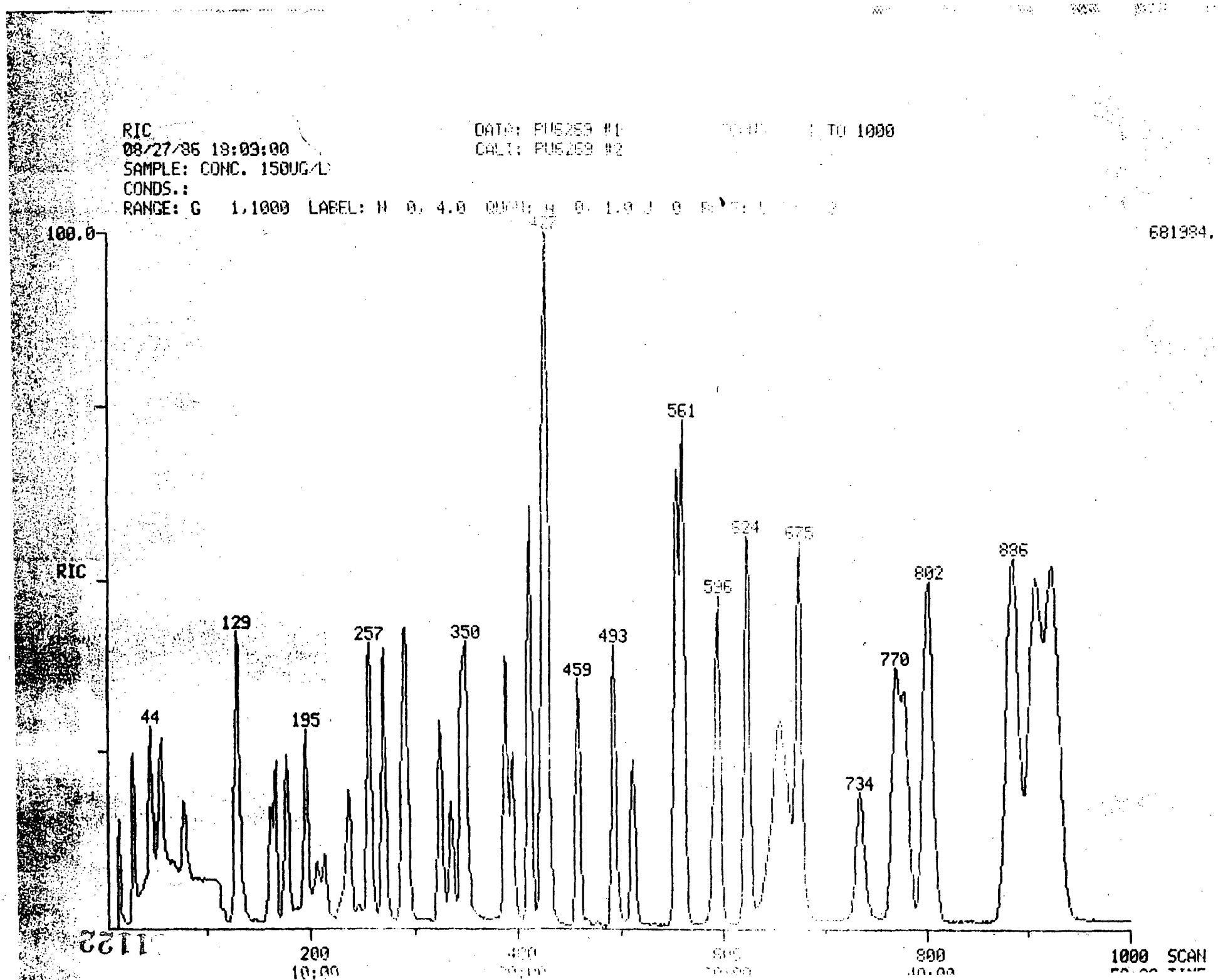
DATA: PU628S.TI
08/27/86 17:12:00
SAMPLE: CONC. 100UG/L
CONDS.
SUBMITTED BY: ANALYST: CC

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	NAME
1	BROMOCHLOROMETHANE(INT STD.)
2	1,2-DICHLOROETHANE-D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	[illegible]
9	[illegible]
10	[illegible]
11	[illegible]
12	[illegible]
13	TRICHLOROFLUOROMETHANE
14	DICHLORODIFLUOROMETHANE
15	ACROLEIN
16	ACRYLONITRILE
17	[illegible]
18	2-BUTANONE(MEK)
19	1,1,1-TRICHLOROETHANE (I)
20	CARBON TETRACHLORIDE (J)
21	VINYL ACETATE
22	BROMODICHLOROMETHANE(L)
23	1,2-DICHLOROPROPANE(Y)
24	TRANS-1,3-DICHLOROPROPANE(AA)
25	TRICHLOROETHENE(K)
26	DIBROMOCHLOROMETHANE(O)
27	1,1,2-TRICHLOROETHANE(M)
28	BENZENE (BEN)
29	CIS-1,3-DICHLOROPROPENE(Z)
30	2-CHLOROETHYLVINYLETHER(NN)
31	BROMOFORM(P)
32	CHLOROBENZENE D5
33	2-HEXANONE (MBK)
34	4-METHYL-2-PENTANONE(MIBK)
35	TETRACHLOROETHENE (N)
36	1,1,2,2-TETRACHLOROETHANE (CC)
37	TOLUENE
38	CHLOROBENZENE (Q)
39	ETHYL BENZENE (EB)
40	STYRENE
41	META-XYLENE
42	OTHRO/PARA-XYLENE
43	M-DICHLOROBENZENE (M-DCB)
44	O-DICHLOROBENZENE (O-DCB)
45	P-DICHLOROBENZENE (P-DCB)
46	TOLUENE-D8 (SURR STD.)
47	BROMOFLUOROBENZENE (SURR. STD.)

1120

3	[illegible]	399	14: 27	1	[illegible]	A	EE	125967.	[illegible]	113	NG	0. 69
4	50	39	1: 27	1	[illegible]	A	BB	153900.	425.	178	NG	1. 16
5	94	47	2: 21	1	[illegible]	A	BB	56075.	314.	666	NG	0. 86
6	62	58	2: 54	1	[illegible]	A	BB	76013.	403.	053	NG	1. 10
7	64	79	3: 57	1	[illegible]	A	BB	91473.	462.	258	NG	1. 26
8	84	130	6: 30	1	[illegible]	A	BB	193886.	514.	096	NG	1. 40
9	43	162	8: 06	1	[illegible]	A	BB	288054.	407.	947	NG	1. 11
10	76	164	8: 12	1	[illegible]	A	BB	209364.	490.	687	NG	1. 34
11	96	198	9: 54	1	[illegible]	A	BB	89852.	578.	112	NG	1. 58
12	63	238	11: 54	1	[illegible]	A	BB	259925.	491.	166	NG	1. 34
13	96	258	12: 54	1	[illegible]	A	BB	121675.	535.	112	NG	1. 46
14	80	271	13: 33	1	[illegible]	A	BB	292061.	547.	345	NG	1. 49
15	63	292	14: 36	1	[illegible]	A	BB	293930.	536.	346	NG	1. 45
16	101	179	8: 57	1	[illegible]	A	BB	178146.	540.	624	NG	1. 47
17	85	56	2: 48	1	[illegible]	A	BB	90511.	410.	850	NG	1. 12
18	96	142	7: 06	1	[illegible]	A	BB	8766.	10773.	500	NG	29. 36
19	53	174	8: 42	1	[illegible]	A	BB	43591.	482.	788	NG	1. 32
20	114	494	24: 42	19	[illegible]	A	BB	198723.	550.	000	NG	0. 68
21	43	394	14: 42	19	[illegible]	A	BB	293861.	339.	831	NG	0. 93
22	97	326	16: 18	19	[illegible]	A	BB	164995.	547.	113	NG	1. 49
23	117	300	14: 51	19	[illegible]	A	VB	90936.	412.	991	NG	1. 67
24	[illegible]	[illegible]	17: 11	19	[illegible]	A	BB	402509.	[illegible]	701	NG	1. 39
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	196368.	[illegible]	[illegible]	[illegible]	1. 57
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	181078.	[illegible]	[illegible]	[illegible]	1. 73
30	[illegible]	[illegible]	21: 18	19	[illegible]	A	BB	454214.	536.	877	NG	1. 47
31	75	430	21: 30	19	[illegible]	A	BB	185121.	646.	903	NG	1. 76
32	63	459	22: 57	19	[illegible]	A	BB	166667.	453.	809	NG	1. 24
33	176	499	24: 09	19	[illegible]	A	BB	109321.	606.	526	NG	2. 37
34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	A	BB	159489.	[illegible]	000	NG	0. 60
35	43	[illegible]	[illegible]	[illegible]	[illegible]	A	BB	394108.	470.	891	NG	1. 39
36	43	[illegible]	[illegible]	[illegible]	[illegible]	A	BB	279912.	420.	490	NG	1. 15
37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	A	BB	193876.	577.	472	NG	1. 57
38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BB	276026.	720.	465	NG	1. 96
39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	286148.	[illegible]	69	NG	1. 90
40	112	621	33: 15	34	[illegible]	A	BB	410489.	544.	834	NG	1. 48
41	106	675	33: 45	34	[illegible]	A	BB	184322.	563.	953	NG	1. 54
42	104	770	38 30	34	[illegible]	A	BB	324639.	705.	237	NG	1. 92
43	106	778	35: 54	34	[illegible]	A	BB	149967.	253.	923	NG	0. 69
44	106	801	40 03	34	[illegible]	A	BB	276182.	935.	256	NG	2. 55
45	146	[illegible]	44: 18	34	[illegible]	A	BB	528387.	1157.	900	NG	3. 16
46	146	[illegible]	45: 24	34	[illegible]	A	BV	481180.	1139.	990	NG	3. 11
47	146	[illegible]	46: 12	34	[illegible]	A	VB	505976.	1198.	740	NG	3. 27
48	100	[illegible]	29: 33	34	[illegible]	A	BB	121602.	246.	509	NG	0. 67
49	95	734	36: 42	34	1. 180	A	BB	135046.	247.	739	NG	0. 68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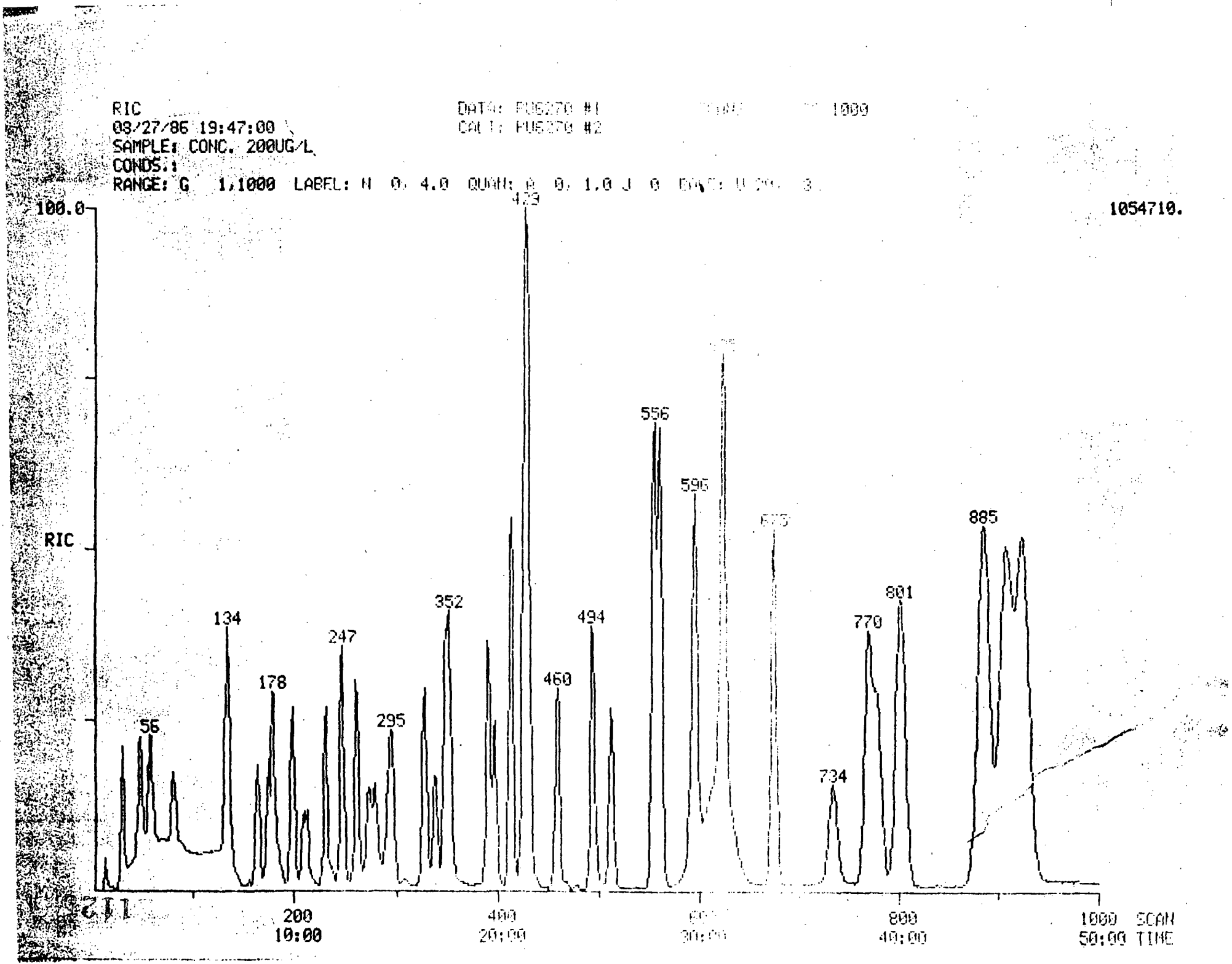
QUANTITATION REPORT FILE: PU6269

DATA: PU6269
08/27/86 18:
SAMPLE: CONC. 150UG/L
CONDS.:
SUBMITTED BY: ANALYST: CC

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHLOROMETHANE(INT. STD)
2	1,3-DICHLOROPROPANE-D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULFIDE (V)
10	1,1-DICHLOROETHENE (U)
11	1,1-DICHLOROETHANE (T)
12	TRANS-1,2-DICHLOROETHENE (U)
13	CHLOROFORM (F)
14	1,2-DICHLOROETHANE (X)
15	TRICHLOROFLUOROMETHANE
16	DICHLORODIFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE (INT STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE (J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE (L)
25	1,2-DICHLOROPROPANE (X)
26	TRANS-1,3-DICHLOROPROPANE (AA)
27	TRICHLOROETHENE (N)
28	DIBROMOCHLOROMETHANE (O)
29	1,1,2-TRICHLOROETHANE (M)
30	BENZENE (BEN)
31	CIS-1,3-DICHLOROPROPENE (Z)
32	2-CHLOROETHYLVINYLETHER (NN)
33	BROMOFORM (F)
34	CHLOROBENZENE D5
35	2-HEXANONE (MBK)
36	4-METHYL-2-PENTANONE (MIBK)
37	TETRACHLOROETHENE (N)
38	1,1,2,2-TETRACHLOROETHANE (CC)
39	TOLUENE
40	CHLOROBENZENE (Q)
41	ETHYL BENZENE (EB)
42	STYRENE
43	META-XYLENE
44	OTHRO/PARA-XYLENE
45	M-DICHLOROBENZENE (M-DCB)
46	O-DICHLOROBENZENE (O-DCB)
47	P-DICHLOROBENZENE (P-DCB)
48	TOLUENE-D8 (SURR STD.)
49	BROMOFLUOROBENZENE (SURR. STD.)

2	65	[illegible]	14:27	1	1.357	A [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.62
3	50	67	1:21	1	0.127	A BB	281914.	823.657	NG		1.97
4	94	44	2:12	1	0.207	A BV	169642.	855.072	NG		2.04
5	62	55	2:45	1	0.258	A BB	208235.	991.784	NG		2.37
6	64	77	3:51	1	0.362	A BB	154027.	699.161	NG		1.67
7	84	129	6:27	1	0.606	A BB	291729.	694.810	NG		1.66
8	43	166	8:18	1	0.779	A BB	416010.	529.203	NG		1.26
9	76	161	8:03	1	0.756	A BB	359734.	757.307	NG		1.81
10	96	195	9:45	1	0.915	A BB	148023.	855.462	NG		2.04
11	60	237	11:51	1	1.113	A BB	431798.	732.908	NG		1.75
12	96	257	12:51	1	1.207	A VB	198360.	783.583	NG		1.87
13	80	271	13:33	1	1.272	A BB	492188.	828.532	NG		1.98
14	62	291	14:33	1	1.366	A BB	479456.	777.057	NG		1.86
15	101	176	8:48	1	0.826	A BB	273044.	744.287	NG		1.78
16	85	50	2:39	1	0.249	A BB	145763.	594.316	NG		1.42
17	NOT	FOUND									
18	53	177	8:51	1	0.831	A BB	75255.	748.658	NG		1.79
19	114	493	24:39	19	1.000	A BB	210701.	250.000	NG		0.60
20	43	894	14:42	19	0.596	A BB	444728.	485.062	NG		1.16
21	97	326	16:18	19	0.661	A BB	277943.	869.246	NG		2.08
22	117	354	16:46	19	0.682	A VB	161607.	1027.440	NG		2.46
23	[illegible]	[illegible]	17:34	19	0.798	A [illegible]	426624.	1032.[illegible]	[illegible]		2.47
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
30	78	408	20:00	19	0.564	A BB	768032.	635.010	NG		1.52
31	75	430	21:06	19	0.872	A BB	337647.	1112.830	NG		2.66
32	63	459	22:57	19	0.931	A BB	253935.	652.119	NG		1.56
33	173	493	24:39	19	1.000	A BB	216203.	1620.020	NG		3.87
34	117	633	31:39	34	1.000	A BB	164852.	250.000	NG		0.60
35	43	513	25:39	34	0.533	A BB	458011.	775.022	NG		1.85
36	48	559	27:45	34	0.572	A BB	454056.	667.602	NG		1.60
37	144	661	32:41	34	0.903	A BB	318939.	919.647	NG		2.20
38	93	717	35:49	34	0.974	A BB	409079.	1236.894	NG		2.95
39	48	744	37:12	34	1.000	A BB	373350.	695.105	NG		1.66
40	112	622	31:06	34	1.035	A BB	531396.	681.536	NG		1.63
41	106	675	33:45	34	1.085	A BB	249569.	738.743	NG		1.77
42	104	769	38:27	34	1.236	A BB	543680.	1142.650	NG		2.73
43	106	778	38:54	34	1.251	A BB	287471.	470.907	NG		1.13
44	106	801	40:03	34	1.288	A BB	527490.	1728.160	NG		4.13
45	146	865	44:15	34	1.423	A BB	825584.	1750.320	NG		4.18
46	146	923	46:09	34	1.484	A VB	1008640.	2311.900	NG		5.52
47	146	923	46:09	34	1.484	A VB	1008640.	2311.900	NG		5.52
48	100	591	29:33	34	0.950	A BB	127666.	250.383	NG		0.60
49	95	734	36:42	34	1.180	A BB	143640.	254.933	NG		0.61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50:00 TIME

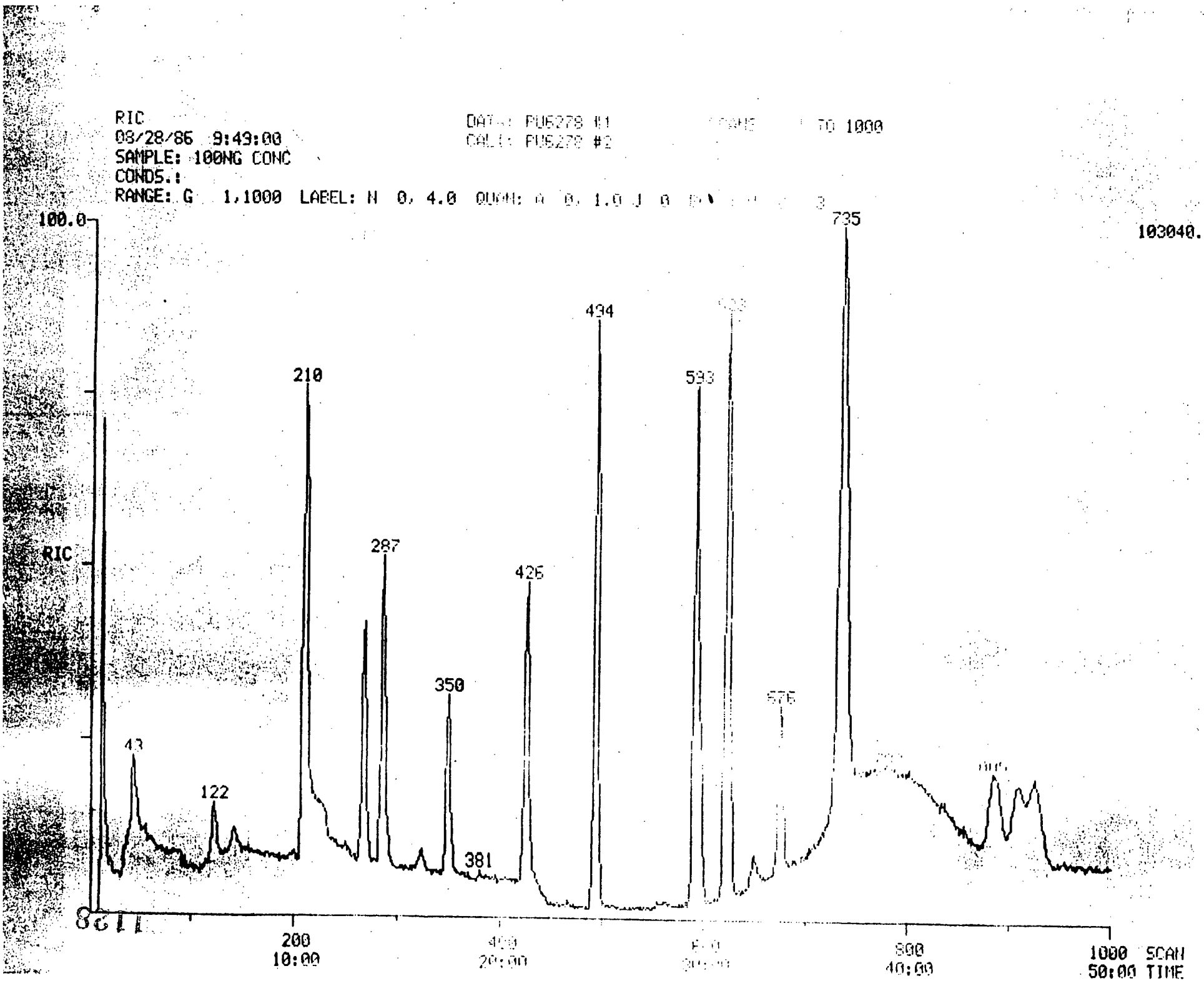
QUANTITATION REPORT (DATA FILE: PU6270)

DATA: PU6270.TI
05/27/86 19:47:00
SAMPLE: CONC. 200UG/L
CONC'S:
SUBMITTED BY: ANALYST: CC

AMOUNT=AREA * REF AMT / (REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No.	NAME
1	BROMOCHLOROMETHANE (INT. STD)
2	1,2-DICHLOROETHANE-D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE
8	[illegible]
9	[illegible]
10	[illegible]
11	[illegible]
12	[illegible]
13	[illegible]
14	[illegible]
15	[illegible]
16	[illegible]
17	ACROLEIN
18	ACRYLONITRILE
19	[illegible]
20	[illegible]
21	[illegible]
22	[illegible]
23	[illegible]
24	[illegible]
25	[illegible]
26	TRANS-1,3-DICHLOROPROPANE(AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHLOROETHANE(M)
30	BENZENE (BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE D5
35	2-HEXANONE (MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE (N)
38	1,1,2,2-TETRACHLOROETHANE (CC)
39	TOLUENE
40	CHLOROBENZENE (Q)
41	ETHYL BENZENE (EB)
42	STYRENE
43	META-XYLENE
44	OTHRO/PARA-XYLENE
45	M-DICHLOROBENZENE (M-DCB)
46	O-DICHLOROBENZENE (O-DCB)
47	P-DICHLOROBENZENE (P-DCB)
48	TOLUENE-D8 (SURR STD)
49	BROMOFLUOROBENZENE(SURR. STD.)

2	65	331	16:37	1	1.373	A	VB	72602.	117.385	NG	0.17
3	50	26	1:24	1	0.132	A	BB	492957.	1065.000	NG	1.55
4	94	46	2:18	1	0.217	A	BB	232544.	976.575	NG	1.42
5	62	57	2:51	1	0.269	A	BB	378442.	1154.560	NG	1.68
6	64	79	3:57	1	0.373	A	BB	241575.	954.667	NG	1.39
7	84	134	6:42	1	0.632	A	BB	332833.	690.134	NG	1.01
8	43	174	8:42	1	0.821	A	BB	790426.	875.386	NG	1.28
9	76	163	8:09	1	0.769	A	BB	668787.	1225.740	NG	1.79
10	96	198	9:54	1	0.934	A	BB	217497.	1094.320	NG	1.60
11	63	231	11:33	1	1.090	A	BV	632669.	934.903	NG	1.36
12	96	247	12:21	1	1.165	A	BV	274983.	945.711	NG	1.38
13	83	261	13:03	1	1.231	A	BB	691138.	1012.880	NG	1.48
14	62	293	14:39	1	1.382	A	BB	659626.	930.727	NG	1.36
15	101	179	8:57	1	0.844	A	BB	413640.	981.637	NG	1.43
16	85	55	2:45	1	0.259	A	BB	218824.	776.758	NG	1.13
17	56	141	7:03	1	0.665	A	BB	17427.	16749.400	NG	24.43
18	NOT	FOUND									
19	114	494	24:43	19	1.000	A	BB	328904.	250.000	NG	0.36
20	43	297	14:51	19	0.601	A	BB	765334.	708.126	NG	1.03
21	97	328	16:24	19	0.664	A	BB	433680.	1248.440	NG	1.82
22	117	338	16:54	19	0.684	A	VB	243736.	1426.370	NG	2.08
23	71	360	18:00	19	0.729	A	BV	1430040.	1453.920	NG	2.12
24	[illegible]							[illegible]	[illegible]	NG	[illegible]
25	[illegible]							[illegible]	[illegible]	NG	[illegible]
26	[illegible]							[illegible]	[illegible]	NG	[illegible]
27	[illegible]							[illegible]	[illegible]	NG	[illegible]
28	[illegible]							[illegible]	[illegible]	NG	[illegible]
29	[illegible]							[illegible]	[illegible]	NG	[illegible]
30	70	407	20:21	19	0.824	A	BB	533414.	960.495	NG	1.40
31	79	431	21:33	19	0.872	A	BB	530437.	1603.140	NG	2.34
32	63	460	23:00	19	0.931	A	BB	342328.	809.207	NG	1.18
33	173	494	24:43	19	1.000	A	BB	362445.	2499.860	NG	3.65
34	117	482	24:03	19	1.000	A	BB	328789.	250.000	NG	0.36
35	43	513	25:39	19	1.038	A	VB	836640.	1028.010	NG	1.50
36	47	555	27:45	19	1.042	A	BV	834881.	946.555	NG	1.38
37	144	562	28:06	19	1.032	A	BB	460150.	1046.950	NG	1.53
38	87	601	30:03	19	1.217	A	BB	740491.	1476.290	NG	2.15
39	47	579	28:57	19	1.171	A	BB	647687.	952.693	NG	1.39
40	116	560	28:00	19	1.133	A	BB	950358.	962.273	NG	1.40
41	104	675	33:45	19	1.365	A	BB	421326.	984.707	NG	1.44
42	104	769	38:27	19	1.556	A	BB	890503.	1477.720	NG	2.16
43	104	779	38:57	19	1.576	A	BB	382033.	494.114	NG	0.72
44	104	801	40:03	19	1.620	A	BB	715511.	1850.860	NG	2.70
45	146	885	44:15	19	1.790	A	BB	1375510.	2166.630	NG	3.16
46	146	907	45:21	19	1.835	A	BV	1169910.	2117.260	NG	3.09
47	146	907	45:21	19	1.835	A	BV	1169910.	2117.260	NG	3.09
48	100	591	29:33	19	0.950	A	BB	141241.	218.714	NG	0.32
49	95	733	36:39	19	1.178	A	BB	161227.	225.929	NG	0.33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QUANTITATION REPORT (FILE: PU6278)

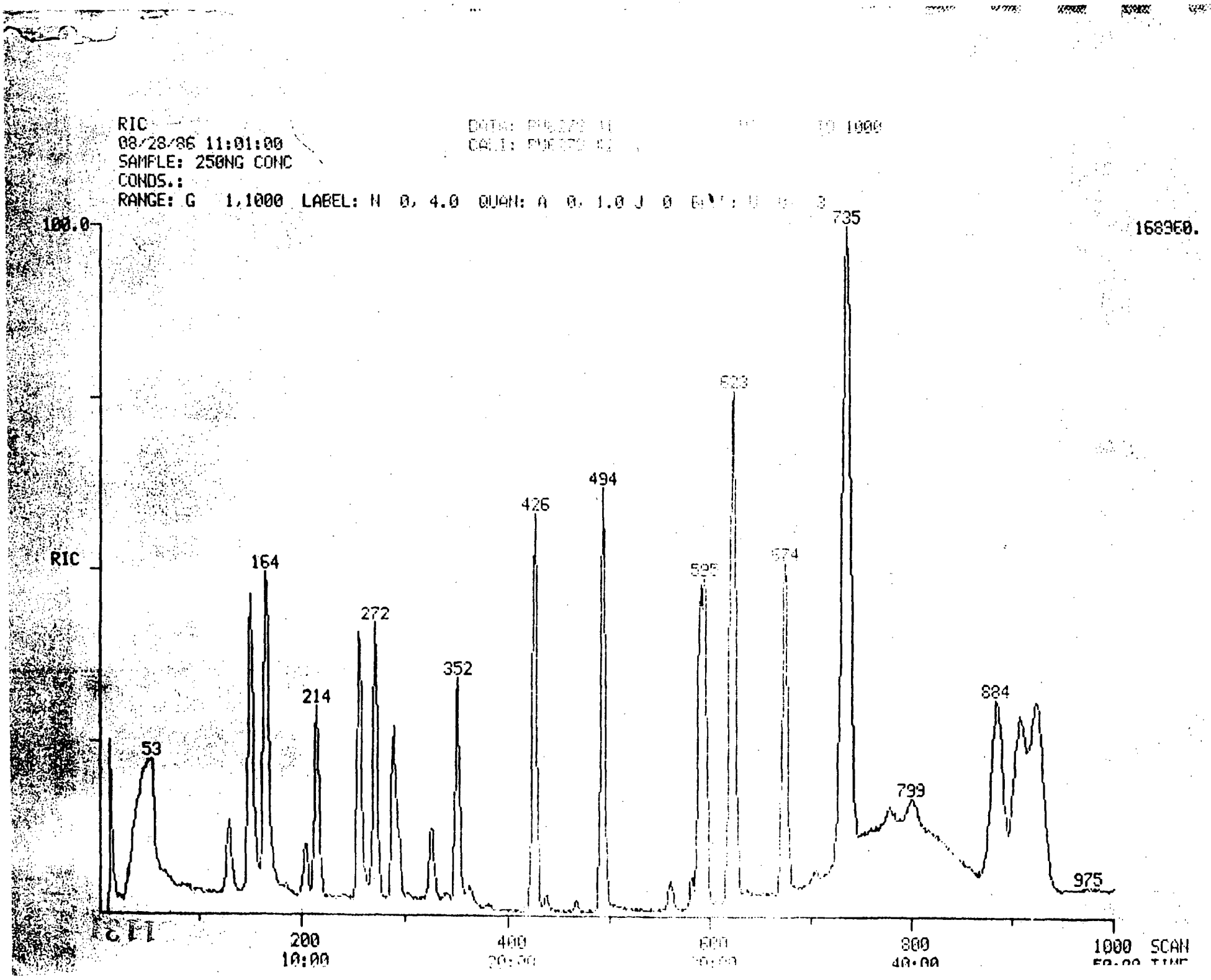
DATA: PU6278.TI
08/28/86 9:49:00
SAMPLE: 100NG CONC
CONDS:
SUBMITTED BY: ANALYST: IO

AMOUNT=AREA * RF * V_I / V_S / REF AREA * RESP FACT
RESP FAC. FROM [illegible] ENTRY

No	Name
1	BROMOCHLOROMETHANE(INT STD)
2	1,2-DICHLOROETHANE-D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	[illegible]
9	[illegible]
10	[illegible]
11	TRICHLOROFLUOROMETHANE
12	DICHLOROFLUOROMETHANE
13	ACROLEIN
14	ACRYLONITRILE
15	1,4-DIFLUOROBENZENE (INT STD)
16	2-BUTANONE(MEK)
17	1,1,1-TRICHLOROPROPANONE (I)
18	CARBON DISULFIDE (J)
19	VINYL ACETATE
20	BROMOCHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	TRANS-1,3-DICHLOROPROPANE(AA)
23	TRICHLOROETHENE(F)
24	DIBROMOCHLOROMETHANE(O)
25	1,1,2-TRICHLOROETHANE(M)
26	BENZENE (BEN)
27	CIS-1,3-DICHLOROPROPENE(Z)
28	2-CHLOROETHYLVINYLETHER(NN)
29	BROMOFORM(L)
30	CHLOROBENZENE D5
31	2-HEXANONE (MBK)
32	4-METHYL-2-PENTANONE(MIBK)
33	TETRACHLOROETHENE (N)
34	1,1,2,2-TETRACHLOROETHANE (CC)
35	TOLUENE
36	CHLOROBENZENE (Q)
37	ETHYL BENZENE (EB)
38	STYRENE
39	META-XYLENE
40	OTHRO/PARA-XYLENE
41	M-DICHLOROBENZENE (M-DCB)
42	O-DICHLOROBENZENE (O-DCB)
43	P-DICHLOROBENZENE (P-DCB)
44	TOLUENE-D8 (SURR. STD.)
45	BROMOFLUOROBENZENE (SURR. STD.)

T123

2	65	[illegible]	14:21	1	1.373	A	BB	76573.	139.430	NG	5.10
3	50	[illegible]	1:37	1	0.139	A	BV	1544.	3.881	NG	0.14
4	NOT FOUND										
5	NOT FOUND										
6	NOT FOUND										
7	84	123	6:09	1	0.589	A	BB	7721.	18.626	NG	0.68
8	NOT FOUND										
9	NOT FOUND										
10	NOT FOUND										
11	NOT FOUND										
12	NOT FOUND										
13	83	[illegible]	[illegible]	1	1.287	A	BB	64822.	110.525	NG	4.04
14	NOT FOUND										
15	101	180	9:00	1	0.861	A	BB	521.	1.438	NG	0.05
16	85	5[illegible]	2:48	1	0.268	A	BB	1727.	7.132	NG	0.26
17	NOT FOUND										
18	NOT FOUND										
19	114	494	24:42	19	1.000	A	BB	107329.	250.000	NG	9.14
20	43	293	14:39	19	0.593	A	BB	6214.	10.399	NG	0.38
21	97	325	16:15	19	0.658	A	BV	7810.	37.473	NG	1.37
22	NOT FOUND										
23	NOT FOUND										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	76	[illegible]	[illegible]	[illegible]	0.864	A	BB	51024.	87.516	NG	3.20
32	75	[illegible]	[illegible]	[illegible]	0.864	A	BB	351.	1.775	NG	0.06
33	NOT FOUND										
34	173	494	24:42	19	1.000	A	BB	20796.	239.081	NG	8.74
35	117	[illegible]	[illegible]	[illegible]	1.000	A	BB	116259.	250.000	NG	9.14
36	43	5[illegible]	[illegible]	[illegible]	0.825	A	BB	2563.	5.656	NG	0.21
37	42	[illegible]	[illegible]	[illegible]	0.592	A	BV	2775.	5.718	NG	0.21
38	NOT FOUND										
39	NOT FOUND										
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	112	[illegible]	[illegible]	34	1.085	A	BB	42462.	77.222	NG	2.82
41	106	676	33:48	34	1.085	A	BB	18695.	78.469	NG	2.87
42	NOT FOUND										
43	NOT FOUND										
44	NOT FOUND										
45	140	884	44:18	34	1.422	A	BB	34177.	102.745	NG	3.76
46	140	910	45:30	34	1.461	A	BV	28676.	93.199	NG	3.41
47	140	926	46:18	34	1.486	A	VB	36821	119.673	NG	4.38
48	139	592	29:36	34	0.950	A	BB	647e5.	235.729	NG	8.62
49	95	734	36:42	34	1.178	A	BB	107598.	270.782	NG	9.90


RIC
08/28/86 11:01:00
SAMPLE: 250NG CONC
CONDS.:
RANGE: G 1.1000 LABEL: N 0. 4.0 QUAN: A 0. 1.0 J 0
100.0
RIC
168960.
53
164
214
272
352
426
494
595
623
674
735
799
884
975
200
10:00
400
800
40:00
1000 SCAN

QUANTITATION REPORT (FILE: PU6279)

DATA: PU6279.TI
08/28/86 11:01:00
SAMPLE: 250NG CONC
CONCS.:
SUBMITTED BY: ANALYST: IO

AMOUNT=AREA * REF AMNT / (REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHLOROMETHANE (INT STD)
2	1,2-DICHLOROETHANE-D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE
8	ACETONE
9	CARBON DISULFIDE
10	1,1-DICHLOROETHENE
11	TRICHLOROFLUOROMETHANE
12	DICHLORODIFLUOROMETHANE
13	ACROLEIN
14	ACRYLONITRILE
15	DICHLOROFLUOROBENZENE (SURR. STD)
16	2-BUTANONE(MEK)
17	1,1,1-TRICHLOROETHANE (E)
18	CARBON TETRACHLORIDE (F)
19	VINYL ACETATE
20	BROMODICHLOROMETHANE(G)
21	1,2-DICHLOROPROPANE(J)
22	TRANS-1,3-DICHLOROPROPANE(AA)
23	TRICHLOROETHENE(K)
24	DIBROMOCHLOROMETHANE(O)
25	1,1,2-TRICHLOROETHANE(M)
26	BENZENE (BEN)
27	CIS-1,3-DICHLOROPROPENE(Z)
28	2-CHLOROETHYLVINYLETHER(NN)
29	BROMOFORM(P)
30	CHLOROBENZENE D5
31	2-HEXANONE (MBK)
32	4-METHYL-2-PENTANONE(MIBK)
33	TETRACHLOROETHENE (N)
34	1,1,2,2-TETRACHLOROETHANE (CC)
35	TOLUENE
36	CHLORDBENZENE (Q)
37	ETHYL BENZENE (EB)
38	STYRENE
39	META-XYLENE
40	OTHRO/PARA-XYLENE
41	M-DICHLOROBENZENE (M-DCB)
42	O-DICHLOROBENZENE (O-DCB)
43	P-DICHLOROBENZENE (P-DCB)
44	TOLUENE-D8 (SURR STD)
45	BROMOFLUOROBENZENE (SURR STD)

11132

2	65	270	[illegible]	[illegible]	1	1.355	A	BB	[illegible]	164.196	NC	[illegible]
3	50	29	1 [illegible]	[illegible]	1	0.136	A	BV	17-17.	53.273	NC	0.18
4	94	48	2:24		1	0.224	A	*BB	819.	5.085	NC	0.01
5	NOT FOUND											
6	NOT FOUND											
7	84	128	6:04		1	0.598	A	BB	20718.	60.785	NC	0.14
8	43	149	7:27		1	0.696	A	BB	300808.	471.378	NC	1.11
9	NOT FOUND											
10	NOT FOUND											
11	NOT FOUND											
12	NOT FOUND											
13	83	272	[illegible]		1	1.271	A	BB	[illegible]	255.257	NC	0.60
14	NOT FOUND											
15	101	184	9:12		1	0.860	A	BB	1158	3.888	NC	0.01
16	NOT FOUND											
17	56	149	7:27		1	0.696	A	BB	25122.	34164.700	NC	80.73
18	58	164	8:12		1	0.766	A	BB	195314.	2393.550	NC	5.66
19	114	450	34:47		19	1.000	A	BB	134578	250.000	NC	0.59
20	NOT FOUND											
21	97	327	16:21		19	0.662	A	BB	26659	130.534	NC	0.31
22	117	334	[illegible]		19	0.660	A	BB	3125	31.205	NC	0.07
23	NOT FOUND											
[illegible]												
[illegible]												
[illegible]												
[illegible]												
30	7	41	[illegible]		19	[illegible]	[illegible]	BB	125861.	219.248	NC	0.52
31	7	42	[illegible]		19	[illegible]	[illegible]	BB	2805	10.346	NC	0.02
32	NOT FOUND											
33	170	493	24:39		19	0.998	A	BB	50118.	587.958	NC	1.39
34	[illegible]	[illegible]	[illegible]		19	[illegible]	A	BB	134334	250.000	NC	0.59
35	48	[illegible]	[illegible]		34	0.924	A	BV	2014	4.934	NC	0.01
36	NOT FOUND											
37	NOT FOUND											
38	NOT FOUND											
39	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	A	BB	92165	235.105	NC	0.56
40	[illegible]	[illegible]	[illegible]		34	1.068	A	BB	140341	246.602	NC	0.58
41	106	401	33:45		34	1.085	A	BB	63929.	259.264	NC	0.61
42	NOT FOUND											
43	106	401	40:05		34	1.290	A	BB	9799.	21.992	NC	0.05
44	106	401	40:03		34	1.290	A	BB	9799.	43.984	NC	0.10
45	146	665	44:15		34	1.425	A	BB	104595	303.827	NC	0.72
46	146	669	45:27		34	1.464	A	BV	89746.	281.832	NC	0.67
47	146	675	46:15		34	1.490	A	VB	131685.	413.532	NC	0.98
48	100	293	29:33		34	0.959	A	BB	83870.	225.361	NC	0.53
49	95	732	36:36		34	1.179	A	BB	120746.	293.604	NC	0.69

RIC
12/14/87 17:56:00
SAMPLE: 50UG/L METHOD 624
CONDS.:
RANGE: G 1, 1,000 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: PU7841 #1 SCANS 1 TO 1000
CALI: PU7841 #2

227327

133
89
59
283
336
431
381
484
520
822
877
700
753
5

Dichlorodifluoromethane
Chloromethane
Bromomethane
Chloroethane
Trichlorofluoromethane
1,1 Dichloroethene
Methylene Chloride
trans-1,2-Dichloroethene
1,1 Dichloroethane
2,2-Dichloropropane
cis-1,2-Dichloroethene
Bromochloromethane
Chloroform
1,1,1 Trichloroethane
1,1-Dichloropropene
Carbon Tetrachloride
1,2 Dichloroethane
Benzene
Trichloroethene
1,2 Dichloropropane
Dibromomethane
Bromodichloromethane
cis-1,3-Dichloropropene
Toluene
trans-1,3-Dichloropropene
1,1,2-Trichloroethane
Tetrachloroethene
1,3 Dichloropropane
Dibromochloromethane
1,2 Dibromoethane
Chlorobenzene
1,1,1,2-Tetrachloroethane
Ethyl benzene
m&p-Xylene
o-Xylene
Styrene
Bromoform
Isopropylbenzene
1,1,2,2-Tetrachloroethane
Bromobenzene
1,2,3-Trichloropropane
n-Propylbenzene
2-Chlorotoluene
4-Chlorotoluene
1,3,5-Trimethylbenzene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
p-Isopropyltoluene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Dichlorodifluoromethane (S.S.)
Bromochloromethane (I.S.)
Fluorobenzene (S.S.)
Chlorobenzene (Int. Std.)
1,4-Dichlorobenzene (I.S.)
Para-dichlorobenzene
Ortho-dichlorobenzene
Meta-dichlorobenzene

200
10:00
400
600
800
1000 SCAN

QUANTITATION REPORT FILE: PU7841

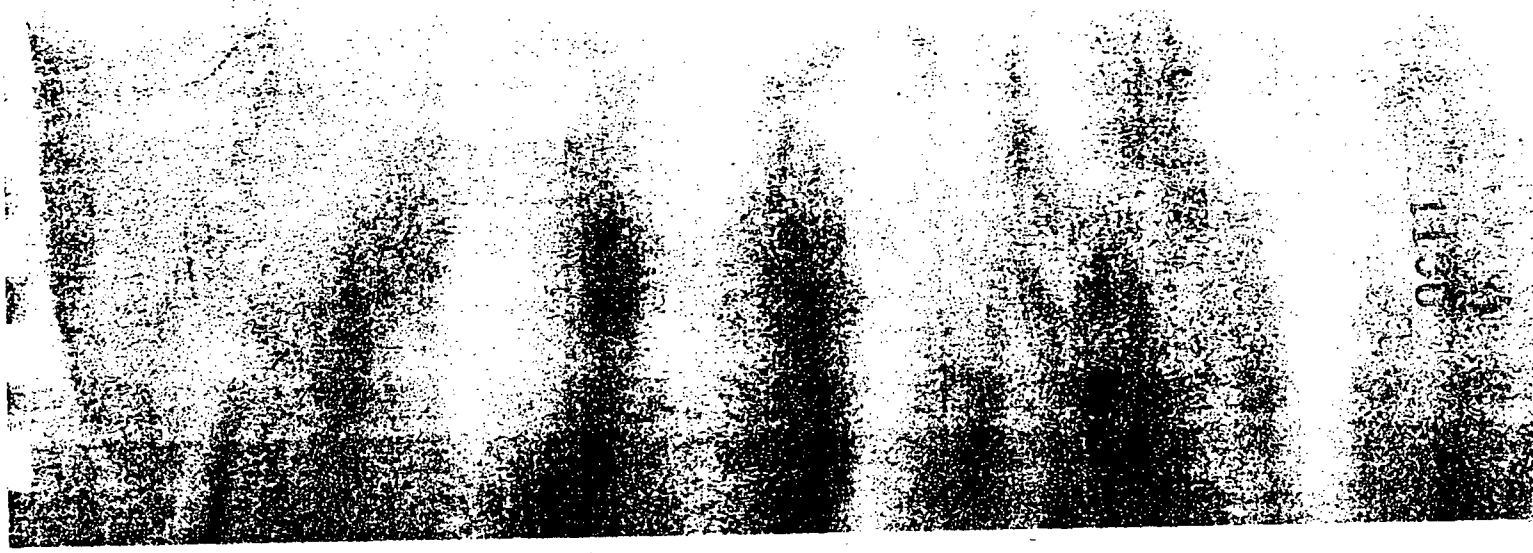
DATA: PU7841.TI
12/14/87 17:56:00
SAMPLE: 50UG/L METHOD 624
CONDS.:
SUBMITTED BY: NO.SEA ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	DB-TOLUENE(SURR. STD)
49	BROMOFLUORBENZENE(SURR. STD)

No	M/I	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	188	9:24	1	1.000	A BB	234496.	50.000 UG/L	0.37
2	65	242	12:06	1	1.287	A BB	389248.	50.000 UG/L	0.37
3	50	35	1:45	1	0.186	A*BB	309511.	50.000 UG/L	0.37
4	94	59	2:57	1	0.314	A BB	252416.	50.000 UG/L	0.37
5	62	73	3:39	1	0.388	A*BB	247571.	50.000 UG/L	0.37
6	64	94	4:42	1	0.500	A BB	265856.	50.000 UG/L	0.37
7	84	132	6:36	1	0.702	A BB	459008.	50.000 UG/L	0.37
8	43	106	5:18	1	0.564	A BV	345184.	50.000 UG/L	0.37
9	78	128	6:24	1	0.681	A BB	1466.	50.000 UG/L	0.37
10	96	181	9:03	1	0.963	A BB	333696.	50.000 UG/L	0.37
11	63	205	10:15	1	1.090	A BB	678656.	50.000 UG/L	0.37
12	96	219	10:57	1	1.163	A BB	350144.	50.000 UG/L	0.37
13	83	229	11:27	1	1.218	A BB	932864.	50.000 UG/L	0.37
14	62	243	12:09	1	1.293	A BB	809024.	50.000 UG/L	0.37
15	101	168	8:24	1	0.894	A VV	381157.	50.000 UG/L	0.37
16	85	81	4:03	1	0.431	A VV	6307.	50.000 UG/L	0.37
17	57	144	7:12	1	0.766	A BB	117834.	500.000 UG/L	3.78
18	53	146	7:17	1	0.776	A VB	8778.	500.000 UG/L	3.78
19	128	38	2:03	19	1.000	A BB	672768.	50.000 UG/L	0.37

20	42	196	9:48	19	0.514	A*VV	125044.	50.000	UG/L	0.37
21	97	267	13:21	19	0.701	A BB	413792.	50.000	UG/L	0.37
22	117	274	13:42	19	0.719	A BB	144992.	50.000	UG/L	0.37
23	43	221	11:03	19	0.580	A VV	83938.	50.000	UG/L	0.37
24	83	283	14:09	19	0.743	A BB	366720.	50.000	UG/L	0.37
25	63	308	15:24	19	0.808	A BB	342656.	50.000	UG/L	0.37
26	75	312	15:36	19	0.819	A BB	381046.	50.000	UG/L	0.37
27	130	322	16:06	19	0.845	A BB	407040.	50.000	UG/L	0.37
28	129	334	16:42	19	0.877	A BB	288448.	50.000	UG/L	0.37
29	97	336	16:48	19	0.882	A BB	320128.	50.000	UG/L	0.37
30	78	331	16:33	19	0.869	A BB	780544.	50.000	UG/L	0.37
31	75	337	16:51	19	0.885	A BB	220416.	50.000	UG/L	0.37
32	63	359	17:57	19	0.942	A BB	101016.	50.000	UG/L	0.37
33	173	385	19:15	19	1.010	A BB	236525.	50.000	UG/L	0.37
34	117	483	24:09	34	1.000	A BB	526080.	50.000	UG/L	0.37
35	43	359	17:57	34	0.743	A BB	517440.	50.000	UG/L	0.37
36	43	455	22:45	34	0.942	A VV	120240.	50.000	UG/L	0.37
37	164	431	21:33	34	0.892	A BB	257376.	50.000	UG/L	0.37
38	83	430	21:30	34	0.890	A BB	477056.	50.000	UG/L	0.37
39	92	459	22:57	34	0.950	A BB	441216.	50.000	UG/L	0.37
40	112	485	24:15	34	1.004	A BB	507520.	50.000	UG/L	0.37
41	106	542	27:06	34	1.122	A BB	219248.	50.000	UG/L	0.37
42	104	611	30:33	34	1.265	A VB	7884.	50.000	UG/L	0.37
43	NOT FOUND									
44	104	660	33:00	34	1.366	A VB	3518.	50.000	UG/L	0.37
45	146	823	41:09	34	1.704	A BB	338512.	50.000	UG/L	0.37
46	146	852	42:36	34	1.764	A BB	294296.	50.000	UG/L	0.37
47	146	878	43:54	34	1.818	A BB	332800.	50.000	UG/L	0.37
48	100	455	22:45	34	0.942	A BB	370304.	50.000	UG/L	0.37
49	95	618	30:54	34	1.280	A BB	352128.	50.000	UG/L	0.37



DATA: PU7852 #1
CALI: PU7852 #2
SCANS 1 TO 900
SAMPLE: 50UG/L METHOD 624
RANGE: G 1, 900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
1271800.
100.0
RIC
Bromomethane
Chloromethane
Vinyl chloride
Chloroethane
Methylene Chloride
Trichlorofluoromethane
Dichloroethene
Bromochloromethane/Benzene/1,2-Trichloroethane/cis-1,2-dichloropropene
Dibromochloromethane/Tetrachloroethene
ds chlorobenzene(I.S)/Chlorobenzene
ds Toluene (S.S) Toluene
1,1,2,2-Tetrachloroethane/Tetrachloroethene
Ethyl benzene
Bromofluorobenzene(S.S)
Para-dichlorobenzene
Meta-dichlorobenzene
376
534
587
565
639
718
773
807
862
200
10:00
400
20:00
600
30:00
800
40:00
SCAN
TIME

QUANTITATION REPORT FILE: PU7852

12/16/87 5:12:00
SAMPLE: 50UG/L METHOD 624
CONDS:
SUBMITTED BY: NO SEA ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	D8-TOLUENE(SURR STD)
49	BROMOFLUORBENZENE(SURR. STD)

No	M/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	190	9:30	1	1.000	A*BB	187100.	50.000 UG/L	2.26
2	65	234	11:42	1	1.232	A*BB	416310.	50.000 UG/L	2.26
3	50	23	1:09	1	0.121	A*BB	232200.	50.000 UG/L	2.26
4	94	49	2:27	1	0.258	A BB	223488.	50.000 UG/L	2.26
5	62	64	3:12	1	0.337	A BB	296960.	50.000 UG/L	2.26
6	64	85	4:15	1	0.447	A BB	278208.	50.000 UG/L	2.26
7	84	131	6:33	1	0.689	A*BB	372519.	50.000 UG/L	2.26
8	NOT FOUND								
9	76	181	9:03	1	0.951	A*VB	[illegible]	50.000 UG/L	2.26
10	96	175	8:45	1	0.921	A*BB	[illegible]	50.000 UG/L	2.26
11	63	202	10:06	1	1.063	A*BB	[illegible]	50.000 UG/L	2.26
12	96	212	10:36	1	1.116	A*BB	[illegible]	50.000 UG/L	2.26
13	83	224	11:12	1	1.179	A*BB	[illegible]	50.000 UG/L	2.26
14	62	236	11:48	1	1.242	A*BB	[illegible]	50.000 UG/L	2.26
15	101	162	8:06	1	0.853	A*BB	[illegible]	50.000 UG/L	2.26
16	85	93	4:39	1	0.489	A*BB	[illegible]	50.000 UG/L	2.26
17	56	151	7:33	1	0.795	A*VV	[illegible]	500.000 UG/L	22.62
18	NOT FOUND								
19	114	[illegible]	[illegible]	[illegible]	1.000	[illegible]	[illegible]	50.000 UG/L	2.26
20	NOT FOUND								

21	97	256	12:48	19	0.681	A	BB	128471.	50.000	UG/L 2.26
22	117	262	13:06	19	0.697	A	BB	98560.	50.000	UG/L 2.26
23	48	214	10:42	19	0.569	A	BB	3605.	50.000	UG/L 2.26
24	83	280	14:00	19	0.745	A	BB	179072.	50.000	UG/L 2.26
25	63	301	15:03	19	0.801	A	*BB	169200.	50.000	UG/L 2.26
26	75	308	15:24	19	0.819	A	BV	146651.	50.000	UG/L 2.26
27	130	314	15:42	19	0.835	A	BB	131681.	50.000	UG/L 2.26
28	129	334	16:42	19	0.888	A	BV	166818.	50.000	UG/L 2.26
29	97	335	16:45	19	0.891	A	BV	111304.	50.000	UG/L 2.26
30	78	318	15:54	19	0.846	A	*BB	359392.	50.000	UG/L 2.26
31	75	334	16:42	19	0.888	A	BB	121584.	50.000	UG/L 2.26
32	63	355	17:45	19	0.944	A	*BB	102680.	50.000	UG/L 2.26
33	173	384	19:12	19	1.021	A	BB	99052.	50.000	UG/L 2.26
34	117	479	23:57	34	1.000	A	*BB	227972.	50.000	UG/L 2.26
35	NOT FOUND									
36	43	454	22:42	34	0.948	A	BB	102800.	50.000	UG/L 2.26
37	164	428	21:24	34	0.894	A	BB	106030.	50.000	UG/L 2.26
38	83	430	21:30	34	0.898	A	BB	129657.	50.000	UG/L 2.26
39	92	454	22:42	34	0.948	A	BB	211181.	50.000	UG/L 2.26
40	112	482	24:06	34	1.006	A	BB	229725.	50.000	UG/L 2.26
41	106	533	26:39	34	1.113	A	BB	122169.	50.000	UG/L 2.26
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	146	809	40:27	34	1.689	A	BB	114738.	50.000	UG/L 2.26
46	146	842	42:06	34	1.758	A	BV	91454.	50.000	UG/L 2.26
47	146	864	43:12	34	1.804	A	*VB	122680.	50.000	UG/L 2.26
48	100	451	22:33	34	0.942	A	*BB	197688.	50.000	UG/L 2.26
49	95	609	30:27	34	1.271	A	*BB	168836.	50.000	UG/L 2.26

RIC
12/16/87 11:24:00
SAMPLE: 50UG/L METHOD 624
CONDS: 1
RANGE: G 1,1000 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: PU7860 #1
CALI: PU7860 #2

SCANS 1 TO 1000

636928.

88 Dichlorodifluoromethane
Bromomethane (I.S)
182
Chloromethane
Vinyl chloride
Chloroethane
Trichlorofluoromethane
1,1-dichloroethene
Methylene chloride
1,2 dichloroethene/ds 1,2-dichloroethene (I.S)
2
Chloroform
1,1,1-Trichloroethane
Carbon Tetrachloride
Benzene
1,2-dichloropropane
Trichloroethene
Bromodichloromethane
cis-1,3-dichloropropene
Dibromochloromethane/1,1,2-Trichloroethane/trans-1,3-dichloropropene
2-chloroethylvinylether
1,4-dichlorobenzene (I.S)
Bromoform
Tetrachloroethene/1,1,2,2-Tetrachloroethane
ds Chlorobenzene(I.S)/Chlorobenzene
4
Ethylbenzene
517
Bromofluorobenzene(I.S)
585
547
625
683
m-Dichlorobenzene
o-Dichlorobenzene
p-Dichlorobenzene
810
894
965

140
120
100
80
60
40
20

200
10:00
400
20:00
800
1000 SCAN

QUANTITATION REPORT FILE: PU7860

DATA: PU7860.TI
12/16/87 11:24:00
SAMPLE: 50UG/L METHOD 624
CONDS:
SUBMITTED BY: NO.SEA ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(F)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	D8-TOLUENE(SURR. STD)
49	BROMOFLUORBENZENE(SURR. STD)

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	182	9:06	1	1.000	A BB	55012.	50.000 UG/L	0.38
2	65	232	11:36	1	1.275	A BB	134096.	50.000 UG/L	0.38
3	50	29	1:27	1	0.159	A*BB	74682.	50.000 UG/L	0.38
4	94	55	2:45	1	0.302	A BB	80080.	50.000 UG/L	0.38
5	62	69	3:27	1	0.379	A*BB	59700.	50.000 UG/L	0.38
6	64	88	4:24	1	0.484	A BB	79296.	50.000 UG/L	0.38
7	84	126	6:18	1	0.692	A*BB	71661.	50.000 UG/L	0.38
8	48	101	5:03	1	0.555	A VV	233418.	50.000 UG/L	0.38
9	NOT FOUND								
10	96	171	8:33	1	0.940	A BB	56719.	50.000 UG/L	0.38
11	63	196	9:48	1	1.077	A BB	130864.	50.000 UG/L	0.38
12	96	209	10:27	1	1.148	A BB	51934.	50.000 UG/L	0.38
13	83	220	11:00	1	1.209	A*BB	188960.	50.000 UG/L	0.38
14	62	234	11:42	1	1.286	A BB	132132.	50.000 UG/L	0.38
15	101	159	7:57	1	0.874	A BB	87947.	50.000 UG/L	0.38
16	85	81	4:09	1	0.445	A*VV	86875.	50.000 UG/L	0.38
17	84	148	7:27	1	0.819	A*VV	239649.	500.000 UG/L	0.76
18	53	145	7:15	1	0.853	A BB	6330.	500.000 UG/L	0.76
19	114	345	16:57	17	1.000	A BB	200624.	50.000 UG/L	0.38

~~20~~	~~72~~	~~222~~	~~9:09~~	~~19~~	~~0.496~~	~~A~~	~~VB~~	~~2932.~~	~~50.000~~	~~UG/L~~ ~~0.38~~
21	97	256	12:48	19	0.694	A	BB	93440.	50.000	UG/L 0.38
22	117	263	13:09	19	0.713	A	VB	67398.	50.000	UG/L 0.38
~~23~~	~~NOT FOUND~~									
24	83	274	13:42	19	0.743	A	BB	138545.	50.000	UG/L 0.38
25	63	297	14:51	19	0.805	A	BB	102470.	50.000	UG/L 0.38
26	75	302	15:06	19	0.818	A	BB	91880.	50.000	UG/L 0.38
27	130	311	15:33	19	0.843	A	BB	74617.	50.000	UG/L 0.38
28	129	325	16:15	19	0.881	A	VV	106119.	50.000	UG/L 0.38
29	97	326	16:18	19	0.883	A	BB	73613.	50.000	UG/L 0.38
30	78	319	15:57	19	0.864	A	BB	169708.	50.000	UG/L 0.38
31	75	326	16:18	19	0.883	A	BB	70832.	50.000	UG/L 0.38
32	63	346	17:18	19	0.938	A	*BB	66854.	50.000	UG/L 0.38
33	173	376	18:48	19	1.019	A	BB	62260.	50.000	UG/L 0.38
34	117	467	23:21	34	1.000	A	BB	175636.	50.000	UG/L 0.38
~~35~~	~~42~~	~~264~~	~~18:12~~	~~34~~	~~0.779~~	~~A~~	~~BB~~	~~5500.~~	~~50.000~~	~~UG/L~~ ~~0.38~~
~~36~~	~~NOT FOUND~~									
37	164	419	20:57	34	0.897	A	BB	54690.	50.000	UG/L 0.38
38	83	420	21:00	34	0.899	A	*BB	126453.	50.000	UG/L 0.38
39	92	445	22:15	34	0.953	A	BB	112983.	50.000	UG/L 0.38
40	112	470	23:30	34	1.006	A	BV	153055.	50.000	UG/L 0.38
41	106	517	25:51	34	1.107	A	BB	72646.	50.000	UG/L 0.38
~~42~~	~~NOT FOUND~~									
~~43~~	~~NOT FOUND~~									
~~44~~	~~NOT FOUND~~									
45	146	762	38:06	34	1.632	A	BB	108599.	50.000	UG/L 0.38
46	146	791	39:33	34	1.694	A	BV	100753.	50.000	UG/L 0.38
47	146	808	40:24	34	1.730	A	VB	108688.	50.000	UG/L 0.38
48	100	441	22:03	34	0.944	A	BB	158992.	50.000	UG/L 0.38
49	95	584	29:12	34	1.251	A	BB	152328.	50.000	UG/L 0.38

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

LIMIT OF DETECTION FOR WATERS
(LOD)

C.A.S. Number		ug/L
108-95-2	Phenol	3
111-44-4	bis(2-Chloroethyl)ether	2
95-57-8	2-Chlorophenol	3
541-73-1	1,3-Dichlorobenzene	2
106-46-7	1,4-Dichlorobenzene	2
100-51-6	Benzyl Alcohol	3
95-50-1	1,2-Dichlorobenzene	2
95-48-7	2-Methylphenol	3
39638329	bis(2-chloroisopropyl)ether	2
106-44-5	4-Methylphenol	3
621-64-7	N-Nitroso-Di-n-Propylamine	5
67-72-1	Hexachloroethane	2
98-95-3	Nitrobenzene	2
78-59-1	Isophorone	2
88-75-5	2-Nitrophenol	3
105-67-9	2,4-Dimethylphenol	3
65-85-0	Benzoic Acid	10
111-91-1	bis(2-Chloroethoxy)Methane	5
120-83-2	2,4-Dichlorophenol	3
120-82-1	1,2,4-Trichlorobenzene	2
91-20-3	Naphthalene	2
106-47-8	4-Chloroaniline	5
87-68-3	Hexachlorobutadiene	5
59-50-7	4-Chloro-3-Methylphenol	3
91-57-6	2-Methylnaphthalene	2
77-47-4	Hexachlorocyclopentadiene	5
88-06-2	2,4,6-Trichlorophenol	5
95-95-4	2,4,5-Trichlorophenol	5
91-58-7	2-Chloronaphthalene	2
88-74-4	2-Nitroaniline	10
131-11-3	Dimethyl Phthalate	2
208-96-8	Acenaphthylene	2
99-89-8	3-Nitroaniline	10

C.A.S. Number		ug/L
83-32-9	Acenaphthene	2
51-28-5	2,4-Dinitrophenol	8
100-02-7	4-Nitrophenol	8
132-53-9	Dibenzofuran	2
121-14-2	2,4-Dinitrotoluene	5
606-20-2	2,6-Dinitrotoluene	5
84-66-2	Diethylphthalate	2
7005-72-3	4-Chlorophenyl-phenylether	2
86-73-7	Fluorene	2
100-01-6	4-Nitroaniline	10
534-52-1	4,6-Dinitro-2-Methylphenol	8
86-30-6	N-Nitrosodiphenylamine	2
101-55-3	4-Bromophenyl-phenylether	2
118-74-1	Hexachlorobenzene	1
87-86-5	Pentachlorophenol	5
85-01-8	Phenanthrene	2
120-12-7	Anthracene	2
84-74-2	Di-n-Butylphthalate	2
206-44-0	Fluoranthene	2
129-00-0	Pyrene	2
85-68-7	Butylbenzylphthalate	2
91-94-1	3,3'-Dichlorobenzidine	10
56-55-3	Benzo(a)Anthracene	2
117-81-7	bis(2-Ethylhexyl)Phthalate	2
218-01-9	Chrysene	2
117-84-0	Di-n-Octyl Phthalate	2
205-99-2	Benzo(b)Fluoranthene	3
207-08-9	Benzo(k)Fluoranthene	3
50-32-8	Benzo(a)Pyrene	3
193-39-5	Indeno(1,2,3-cd)Pyrene	3
53-70-3	Dibenzo(a,h)Anthracene	3
191-24-2	Benzo(g,h,i)Perylene	3

Initial Calibration Data
HSL Compounds

Case No: Semi-Volatile BNA Instrument ID: HP#2

Contractor: H2M LABS INC. Calibration Date: 10/28/87

Contract No: DEC 6/87

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30.0%

Laboratory ID:	>P3585	>P3586	>P3587	>P3588	>P3589					
Compound	RF 10.00	RF 25.00	RF 40.00	RF 60.00	RF 80.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
N-Nitrosodimethylamine	.61625	.94838	.99288	.92691	.54483	.394	.80585	25.884		
2-Fluorophenol (SS)	1.06755	1.08420	1.06259	1.02886	.94651	.730	1.03794	5.291		(Conc=207.6,207.6,207.6,
Phenol	1.73157	1.59906	1.24961	1.73580	1.62211	.963	1.58763	12.528	*	
bis(-2-Chloroethyl)Ether	1.52911	1.35468	1.37372	1.20942	1.26955	.959	1.34730	9.004		
Phenol-d6 (SS)	1.62274	1.47968	1.57810	1.56704	1.58454	.961	1.56642	3.372		(Conc=203.1,203.1,203.1,
2-Chlorophenol	1.28739	1.24513	1.19452	1.30558	1.26736	.963	1.26000	3.411		
1,3-Dichlorobenzene	1.70353	1.62929	1.56569	1.48826	1.54316	.990	1.58599	5.227		
1,4-Dichlorobenzene	1.71327	1.65354	1.50727	1.42901	1.47230	1.004	1.55508	7.859	*	
1,2-Dichlorobenzene	1.69055	1.65049	1.58936	1.50872	1.46210	1.047	1.56425	6.386		
bis(2-Chloroisopropyl)ether	3.26157	3.57431	3.79132	3.74607	3.24330	1.092	3.52331	7.387		
N-Nitroso-Di-n-Propylamine	1.28832	1.25486	1.34115	1.38988	1.24581	1.129	1.28640	5.991		**
Hexachloroethane	.67262	.68689	.70249	.66674	.66844	1.123	.67943	2.227		
Nitrobenzene-d5 (SS)	.58815	.56892	.54745	.54352	.56051	.870	.56011	2.700		(Conc=103.8,103.8,103.8,
Nitrobenzene	.62795	.63026	.52446	.50405	.54873	.873	.56709	10.366		
Isophorone	1.05874	1.04831	1.02836	.96653	1.04751	.922	1.02829	3.630		
2-Nitrophenol	.24904	.28248	.26330	.25630	.25734	.933	.26169	4.844	*	
2,4-Dimethylphenol	.36394	.36403	.36961	.33841	.36058	.958	.35771	4.362		
bis(-2-Chloroethoxy)Methane	.60161	.67345	.57686	.56008	.54689	.972	.59178	8.453		
2,4-Dichlorophenol	.39483	.41601	.38592	.36298	.37984	.984	.38791	5.039	*	
1,2,4-Trichlorobenzene	.45696	.45397	.44066	.39745	.40438	.995	.43068	6.494		
Naphthalene	1.11098	1.10375	1.05799	1.02751	.94867	1.083	1.04978	6.291		
Hexachlorobutadiene	.29490	.30240	.27683	.26101	.25729	1.046	.27849	7.179	*	
4-Chloro-3-Methylphenol	.45153	.48244	.49160	.49133	.45891	1.134	.47516	3.947	*	
Hexachlorocyclopentadiene	.23170	.35154	.38352	.33790	.33918	.881	.32877	17.427		**
2,4,6-Trichlorophenol	.49218	.58628	.49615	.46307	.44323	.981	.48018	5.449	*	
2-Chloronaphthalene	1.34887	1.32688	1.28247	1.15671	1.15643	.915	1.25427	7.362		
2-Fluorobiphenyl (SS)	1.21927	1.15820	1.16622	1.12162	1.31652	.988	1.19477	6.426		(Conc=105.7,105.7,105.7,1
Dimethyl Phthalate	1.59693	1.61826	1.61229	1.54165	1.58665	.978	1.57516	3.098		
Acenaphthylene	1.86888	1.95393	1.83922	1.61664	1.67189	.976	1.78995	7.871		
Acenaphthene	1.28079	1.21987	1.23268	1.08341	1.13077	1.005	1.18950	6.755	*	

RF - Response Factor (Subscript is amount in NG)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Semi-Volatile BNA Instrument ID: HP#2

Contractor: H2M LABS INC. Calibration Date: 10/28/87

Contract No: DEC 6/87

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30.0%

Laboratory ID:	>P3585	>P3586	>P3587	>P3588	>P3589					
Compound	RF 10.00	RF 25.00	RF 40.00	RF 60.00	RF 80.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
2,4-Dinitrophenol	-	.16827	.23494	.25755	.27248	1.016	.23331	19.725		**
4-Nitrophenol	-	.41899	.42879	.42112	.41977	1.048	.42217	1.067		**
2,4-Dinitrotoluene	.32768	.37074	.37180	.34673	.34978	1.048	.35335	5.215		
2,6-Dinitrotoluene	.39065	.45628	.44176	.37787	.39428	.984	.41217	8.388		
Diethylphthalate	1.66443	1.72667	1.68526	1.55531	1.52238	1.086	1.63079	5.377		
4-Chlorophenyl-phenylether	.75603	.74620	.70800	.66139	.62259	1.085	.69884	8.099		
Fluorene	1.36932	1.36859	1.36983	1.29481	1.25928	1.080	1.33221	3.896		
2,4,6-Tribromophenol (SS)	.36891	.39143	.38485	.40086	.38921	1.120	.38705	3.025		(Conc=205.8,205.8,205.8,2
4,6-Dinitro-2-methylphenol	-	.14683	.18249	.17964	.17589	.985	.17101	9.595		
N-Nitrosodiphenylamine	.52162	.53292	.51877	.40777	.39667	.918	.47395	13.939	*	
1,2-Diphenylhydrazine	-	-	-	-	-	-	-	-		
4-Bromophenyl-phenylether	.26167	.28000	.26259	.23883	.22787	.951	.25419	8.162		
Hexachlorobenzene	.38233	.40575	.39944	.35581	.34436	.965	.37754	7.097		
Pentachlorophenol	-	.23984	.24979	.25127	.23316	.989	.24351	3.519	*	
Phenanthrene	1.09848	1.10907	1.04103	1.02606	.93632	1.003	1.04219	6.632		
Anthracene	1.12318	1.08963	1.06702	.98248	.87434	1.008	1.02731	9.743		
Di-n-Butylphthalate	1.55955	1.62449	1.51648	1.51922	1.33401	1.092	1.51075	7.149		
Fluoranthene	1.19698	1.27374	1.23656	1.25494	1.08803	1.148	1.21005	6.106	*	
Terphenyl-d14 (SS)	.95440	.93981	.97118	.87033	.92168	.988	.93147	4.161		(Conc=100.1,100.1,100.1,1
Benzidine	-	-	.31953	.37989	.38431	.883	.36124	10.018		
Pyrene	1.28698	1.31815	1.28086	1.13768	1.11909	.886	1.22694	7.409		
Butylbenzylphthalate	.74742	.76803	.75995	.68871	.75481	.968	.74363	4.252		
3,3'-Dichlorobenzidine	.38713	.44811	.47994	.47876	.51513	1.081	.46181	10.398		
Benzo(a)Anthracene	1.18554	1.31909	1.27779	1.25739	1.27615	.998	1.26319	3.872		
bis(2-Ethylhexyl)Phthalate	1.14686	1.12900	1.16528	1.05627	1.07258	1.020	1.11384	4.242		
Chrysene	1.15576	1.25696	1.21314	1.12045	1.15812	1.003	1.18089	4.566		
Di-n-Octyl Phthalate	2.86933	1.99486	1.84818	1.61071	1.58198	.956	1.82101	12.093	*	
Benzo(b)Fluoranthene	1.49728	1.59857	1.37334	1.40968	1.40318	.973	1.45640	6.311		
Benzo(k)Fluoranthene	1.11818	1.06594	.99314	1.02124	.87986	.975	1.01407	8.601		
Benzo(a)Pyrene	1.32967	1.32185	1.29118	1.25453	1.19672	.996	1.27879	4.269	*	

RF - Response Factor (Subscript is amount in NG)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Semi-Volatile BNA Instrument ID: HP#2

Contractor: H2M LABS INC. Calibration Date: 10/28/87

Contract No: DEC 6/87

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30.0%

Laboratory ID:	>P3585	>P3586	>P3587	>P3588	>P3589					
Compound	RF 10.00	RF 25.00	RF 40.00	RF 60.00	RF 80.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Indeno(1,2,3-cd)Pyrene	1.34849	1.41360	1.44477	1.71539	1.62722	1.087	1.50829	10.388		
Dibenz(a,h)Anthracene	1.21191	1.27610	1.25357	1.28116	1.28670	1.090	1.24589	2.811		
Benzo(g,h,i)Perylene	1.28714	1.35116	1.35650	1.40662	1.35818	1.111	1.35032	3.142		

RF - Response Factor (Subscript is amount in NG)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Semi-Volatile BNA Calibration Date: 12/16/87

Contractor: H2M LABS INC. Time: 18:16

Contract No: DEC 6/87 Laboratory ID: >P3791

Instrument ID: HP#2 Initial Calibration Date: 10/28/87

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 25.0%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
N-Nitrosodimethylamine	.80585	.95865	18.96			
2-Fluorophenol (SS)	1.03794	1.05331	1.48			(Conc=207.56)
Phenol	1.58763	1.71269	7.88	*		
bis(-2-Chloroethyl)Ether	1.34730	1.61832	20.12			
Phenol-d6 (SS)	1.56642	1.64647	5.11			(Conc=203.15)
2-Chlorophenol	1.26000	1.52572	21.09			
1,3-Dichlorobenzene	1.58599	1.61460	1.80			
1,4-Dichlorobenzene	1.55508	1.72474	10.91	*		
1,2-Dichlorobenzene	1.56425	1.74777	11.73			
bis(2-Chloroisopropyl)ether	3.52331	4.21823	19.72			
N-Nitroso-Di-n-Propylamine	1.28640	1.54640	20.21		**	
Hexachloroethane	.67943	.77227	13.66			
Nitrobenzene-d5 (SS)	.56011	.55662	.62			(Conc=103.78)
Nitrobenzene	.56709	.65303	15.16			
Isophorone	1.02829	1.12307	9.22			
2-Nitrophenol	.26169	.28505	8.93	*		
2,4-Dimethylphenol	.35771	.37987	6.19			
bis(-2-Chloroethoxy)Methane	.59178	.62555	5.71			
2,4-Dichlorophenol	.38791	.43643	12.51	*		
1,2,4-Trichlorobenzene	.43068	.45522	5.70			
Naphthalene	1.04978	1.11654	6.36			
Hexachlorobutadiene	.27849	.29584	6.23	*		
4-Chloro-3-Methylphenol	.47516	.55984	17.82	*		
Hexachlorocyclopentadiene	.32877	.40025	21.74		**	
2,4,6-Trichlorophenol	.48018	.54951	14.44	*		
2-Chloronaphthalene	1.25427	1.38305	10.27			
2-Fluorobiphenyl (SS)	1.19477	1.06824	10.59			(Conc=105.73)
Dimethyl Phthalate	1.57516	1.68511	6.98			
Acenaphthylene	1.78995	1.90318	6.33			
Acenaphthene	1.18950	1.27514	7.20	*		
2,4-Dinitrophenol	.23331	.16548	29.07		**	
4-Nitrophenol	.42217	.42219	.01		**	

RF - Response Factor from daily standard file at 25.00 NG

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Semi-Volatile BNA Calibration Date: 12/16/87

Contractor: H2M LABS INC. Time: 18:16

Contract No: DEC 6/87 Laboratory ID: >P3791

Instrument ID: HP#2 Initial Calibration Date: 10/28/87

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 25.0%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
2,4-Dinitrotoluene	.35335	.39442	11.62			
2,6-Dinitrotoluene	.41217	.45542	10.49			
Diethylphthalate	1.63079	1.76802	8.41			
4-Chlorophenyl-phenylether	.69884	.76432	9.37			
Fluorene	1.33221	1.53474	15.20			
2,4,6-Tribromophenol (SS)	.38705	.43255	11.76			(Conc=205.80)
4,6-Dinitro-2-methylphenol	.17101	.18175	6.28			
N-Nitrosodiphenylamine	.47395	.49192	3.79	*		
1,2-Diphenylhydrazine	-	-	-			
4-Bromophenyl-phenylether	.25419	.25994	2.26			
Hexachlorobenzene	.37754	.40984	8.56			
Pentachlorophenol	.24351	.27287	12.05	*		
Phenanthrene	1.04219	1.10360	5.89			
Anthracene	1.02731	1.13746	10.72			
Di-n-Butylphthalate	1.51075	1.71996	13.85			
Fluoranthene	1.21005	1.46441	21.02	*		
Terphenyl-d14 (SS)	.93147	.82258	11.69			(Conc=100.06)
Benzidine	.36124	.39446	9.20			
Pyrene	1.22694	1.23007	.26			
Butylbenzylphthalate	.74363	.76534	2.92			
3,3'-Dichlorobenzidine	.46181	.42788	7.35			
Benzo(a)Anthracene	1.26319	1.38829	9.90			
bis(2-Ethylhexyl)Phthalate	1.11384	1.22499	9.98			
Chrysene	1.18089	1.25540	6.31			
Di-n-Octyl Phthalate	1.82181	1.99964	9.81	*		
Benzo(b)Fluoranthene	1.45640	1.44761	.60			
Benzo(k)Fluoranthene	1.01407	1.05144	3.68			
Benzo(a)Pyrene	1.27879	1.42753	11.63	*		
Indeno(1,2,3-cd)Pyrene	1.58829	1.45783	3.35			
Dibenz(a,h)Anthracene	1.24589	1.14944	7.74			
Benzo(g,h,i)Perylene	1.35832	1.17174	13.22			

RF - Response Factor from daily standard file at 25.00 NG

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Semi-Volatile BNA Calibration Date: 12/17/87

Contractor: H2M LABS INC. Time: 21:49

Contract No: DEC 6/87 Laboratory ID: >P3808

Instrument ID: HP#2 Initial Calibration Date: 10/28/87

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 25.0%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
N-Nitrosodimethylamine	.80585	.88546	9.88			
2-Fluorophenol (SS)	1.03794	1.02983	.78			(Conc=207.56)
Phenol	1.58763	1.91469	20.60	*		
bis(-2-Chloroethyl)Ether	1.34738	1.55514	15.43			
Phenol-d6 (SS)	1.56642	1.67938	7.21			(Conc=203.15)
2-Chlorophenol	1.26008	1.64813	30.80			
1,3-Dichlorobenzene	1.58599	1.61924	2.10			
1,4-Dichlorobenzene	1.55508	1.71123	10.04	*		
1,2-Dichlorobenzene	1.56425	1.68394	7.65			
bis(2-Chloroisopropyl)ether	3.52331	3.35107	4.89			
N-Nitroso-Di-n-Propylamine	1.28648	1.40779	9.44		**	
Hexachloroethane	.67943	.76791	13.02			
Nitrobenzene-d5 (SS)	.56011	.52627	6.04			(Conc=103.78)
Nitrobenzene	.56709	.73275	29.21			
Isophorone	1.02829	1.10972	7.92			
2-Nitrophenol	.26169	.28624	9.38	*		
2,4-Dimethylphenol	.35771	.38217	6.84			
bis(-2-Chloroethoxy)Methane	.59178	.60858	2.84			
2,4-Dichlorophenol	.38791	.42781	10.29	*		
1,2,4-Trichlorobenzene	.43068	.43116	.11			
Naphthalene	1.04978	1.15871	10.38			
Hexachlorobutadiene	.27849	.25725	7.62	*		
4-Chloro-3-Methylphenol	.47516	.53944	13.53	*		
Hexachlorocyclopentadiene	.32877	.31893	2.99		**	
2,4,6-Trichlorophenol	.48018	.50980	6.17	*		
2-Chloronaphthalene	1.25427	1.32369	5.53			
2-Fluorobiphenyl (SS)	1.19477	1.14974	3.77			(Conc=105.73)
Dimethyl Phthalate	1.57516	1.65308	4.95			
Acenaphthylene	1.78995	1.92565	7.58			
Acenaphthene	1.18950	1.26791	6.59	*		
2,4-Dinitrophenol	.23331	.16601	28.84		**	
4-Nitrophenol	.42217	.43329	2.63		**	

RF - Response Factor from daily standard file at 25.00 NG

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Semi-Volatile BNA Calibration Date: 12/17/87

Contractor: H2M LABS INC. Time: 21:49

Contract No: DEC 6/87 Laboratory ID: >P3808

Instrument ID: HP#2 Initial Calibration Date: 10/28/87

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 25.0%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
2,4-Dinitrotoluene	.35335	.41414	17.21			
2,6-Dinitrotoluene	.41217	.44401	7.73			
Diethylphthalate	1.63079	1.74379	6.93			
4-Chlorophenyl-phenylether	.69884	.72780	4.14			
Fluorene	1.33221	1.48072	11.15			
2,4,6-Tribromophenol (SS)	.38705	.35922	7.19			(Conc=205.80)
4,6-Dinitro-2-methylphenol	.17101	.15114	11.62			
N-Nitrosodiphenylamine	.47395	.49622	4.70	*		
1,2-Diphenylhydrazine	-	-	-			
4-Bromophenyl-phenylether	.25419	.23929	5.86			
Hexachlorobenzene	.37754	.34811	7.80			
Pentachlorophenol	.24351	.24907	2.28	*		
Phenanthrene	1.04219	1.14678	10.04			
Anthracene	1.02731	1.20500	17.30			
Di-n-Butylphthalate	1.51075	1.80513	19.49			
Fluoranthene	1.21005	1.41402	16.86	*		
Terphenyl-d14 (SS)	.93147	.80839	13.21			(Conc=100.06)
Benzidine	.36124	.31076	13.97			
Pyrene	1.22694	1.26769	3.32			
Butylbenzylphthalate	.74363	.81121	9.09			
3,3'-Dichlorobenzidine	.46181	.45041	2.47			
Benzo(a)Anthracene	1.26319	1.33827	5.94			
bis(2-Ethylhexyl)Phthalate	1.11384	1.22499	9.98			
Chrysene	1.18089	1.23452	4.54			
Di-n-Octyl Phthalate	1.82101	2.01696	10.76	*		
Benzo(b)Fluoranthene	1.45640	1.70315	16.94			
Benzo(k)Fluoranthene	1.01407	1.07318	5.83			
Benzo(a)Pyrene	1.27879	1.38484	8.29	*		
Indeno(1,2,3-cd)Pyrene	1.50829	1.39238	7.69			
Dibenz(a,h)Anthracene	1.24589	1.05934	14.97			
Benzo(g,h,i)Perylene	1.35032	1.14585	15.14			

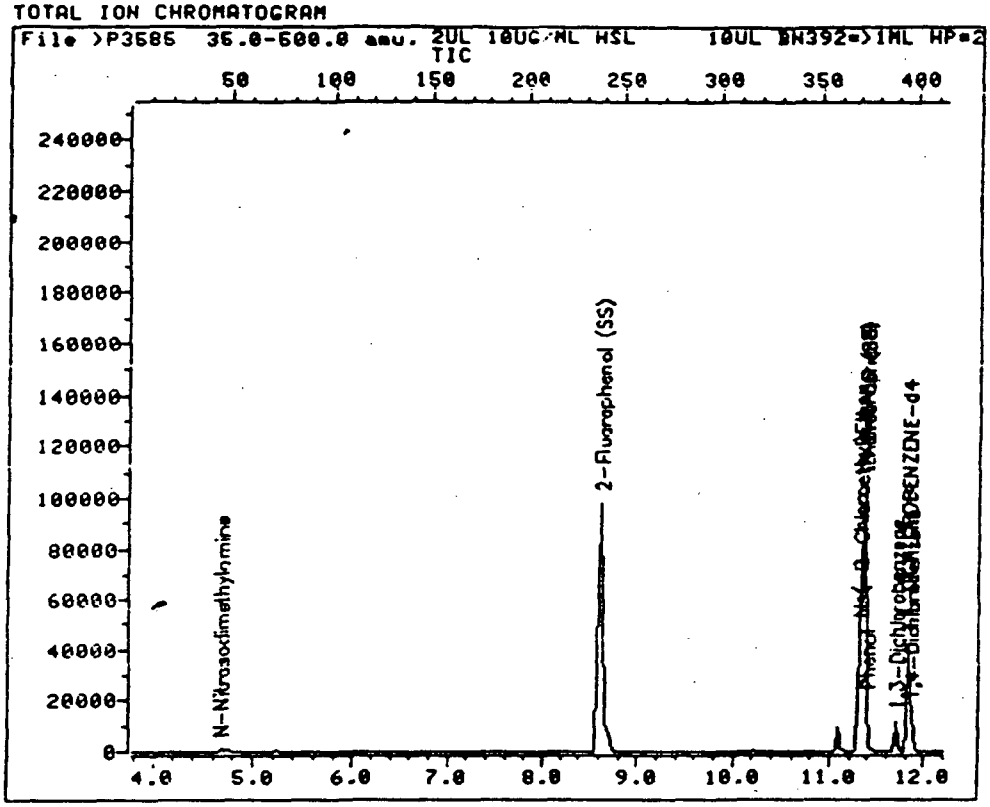
RF - Response Factor from daily standard file at 25.00 NG

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

TOTAL ION CHROMATOGRAM



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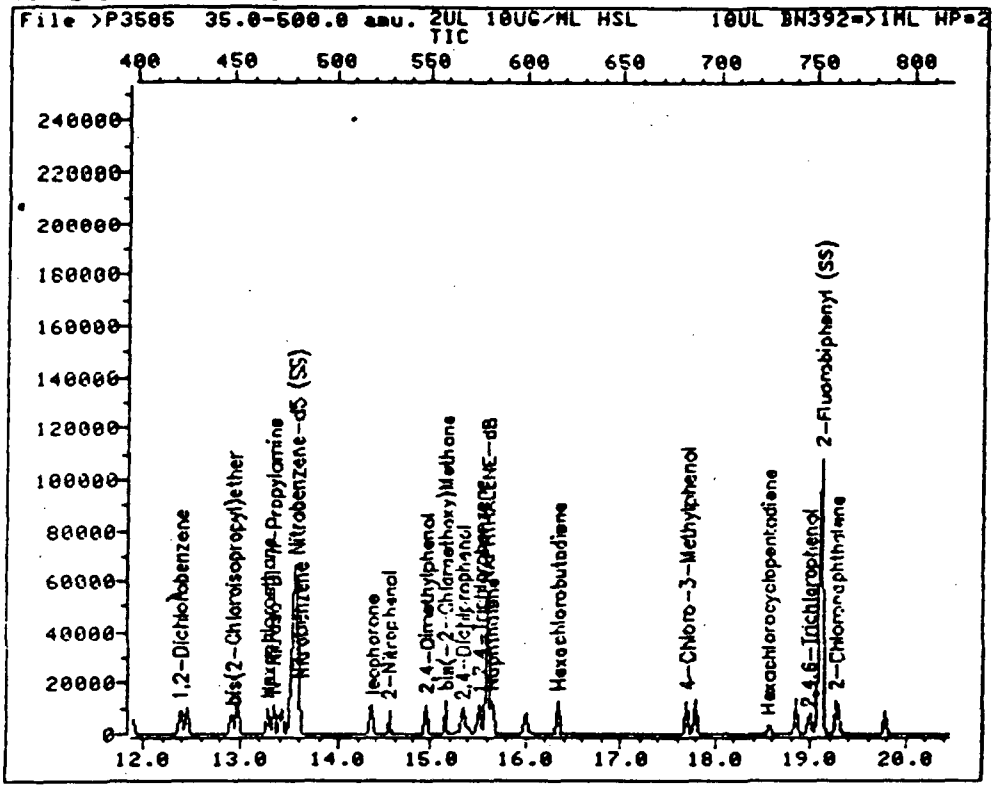
Name: 2UL 10UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#61

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 17:56
Injected at: 871027 17:09

TIC page 1 of 5

TOTAL ION CHROMATOGRAM



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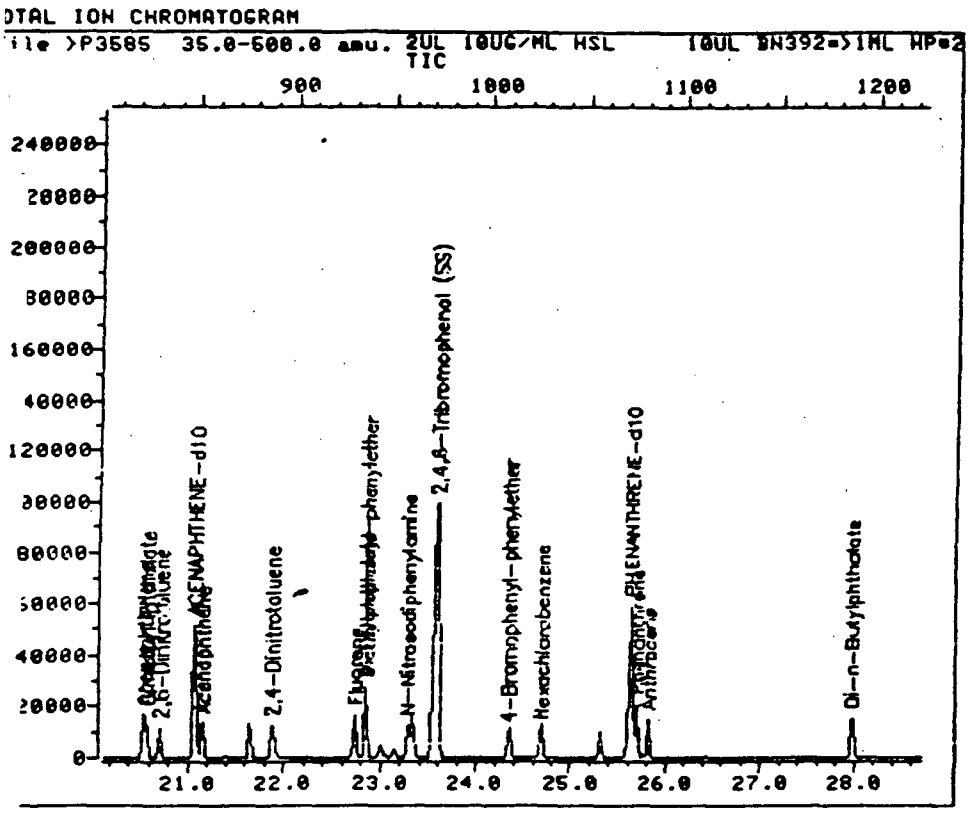
Misc: 10UL BN392=>1ML HP#2 BTL#6.1

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 17:56
Injected at: 871027 17:09

TIC page 2 of 5



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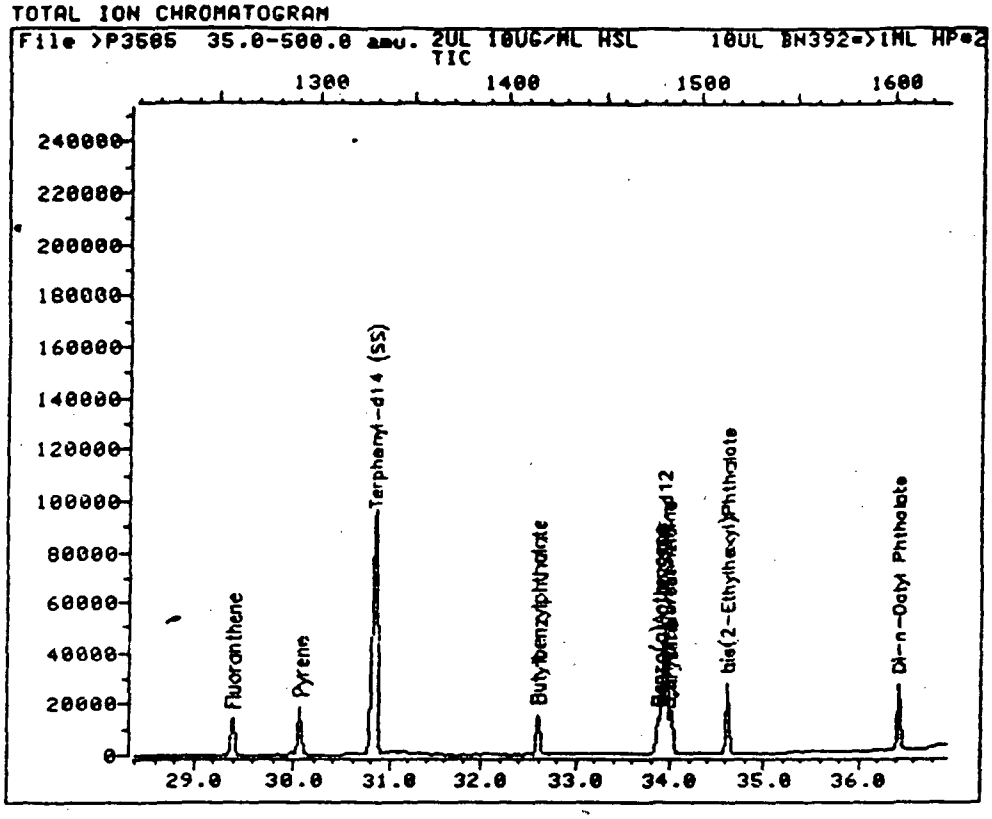
Name: 2UL 10UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#61

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 17:56
Injected at: 871027 17:09

TIC page 3 of 5

TOTAL ION CHROMATOGRAM



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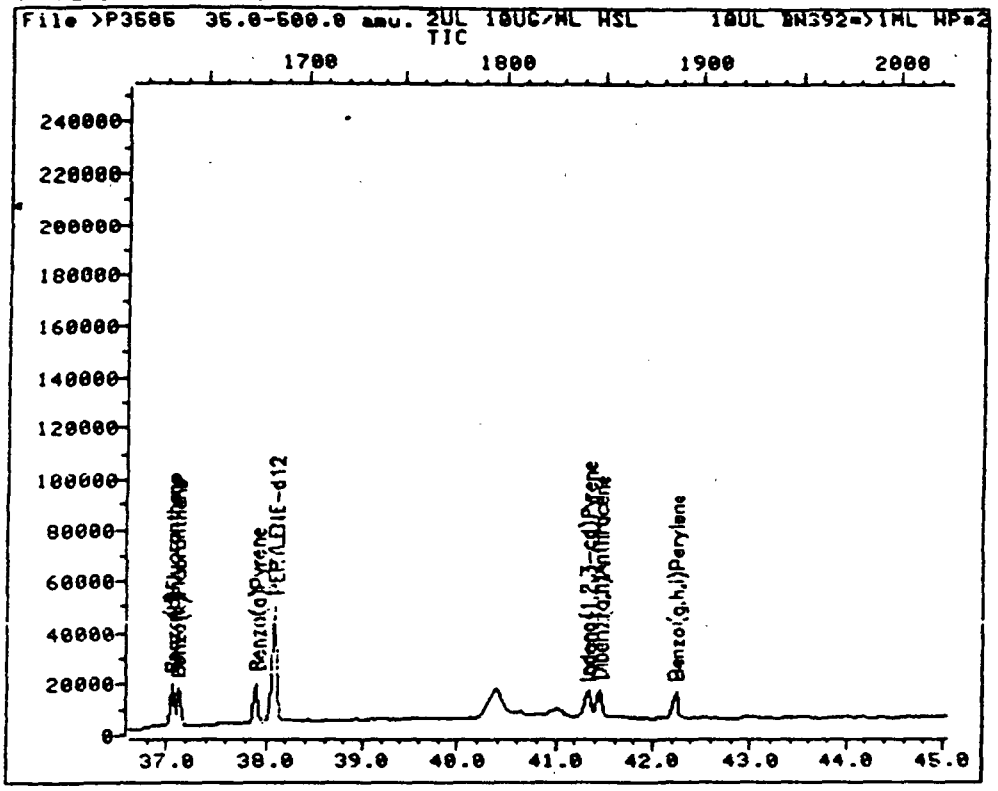
Name: 2UL 10UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#61

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 17:56
Injected at: 871027 17:09

TIC page 4 of 5

TOTAL ION CHROMATOGRAM



Data File: >P3585::B1 Quant Output File: ^P3585::QT
Name: 2UL 10UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#61

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 17:56
Injected at: 871027 17:09

TIC page 5 of 5

QUANT REPORT

Operator ID: GLENN
Output File: ^P3585::QT
Data File: >P3585:;B1
Name: 2UL 10UG/ML HSL
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871027 17:56
Injected at: 871027 17:09
Dilution Factor: 1.00000

BTL#61

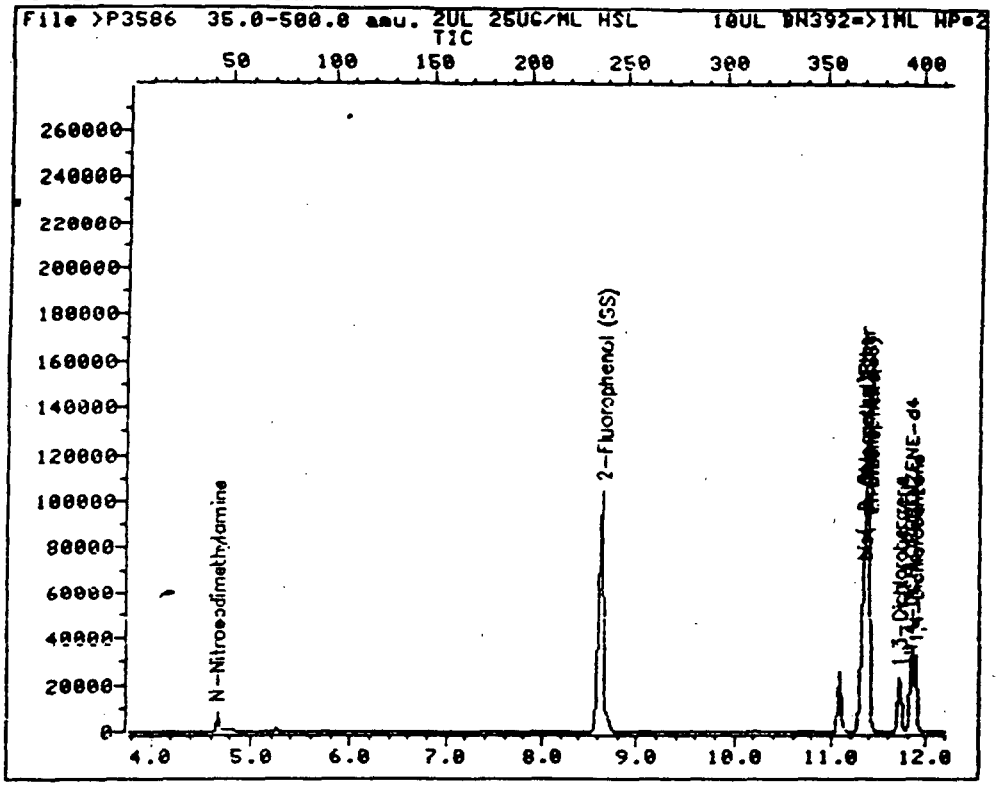
ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.83	396	13553	40.00	ug/mL	94
2)	N-Nitrosodimethylamine	4.68	45	2088	18.73	ug/mL	75
3)	2-Fluorophenol (SS)	8.63	239	75077	180.18	ug/mL	61
4)	Phenol	11.40	375	5867	10.78	ug/mL	86
5)	bis(-2-Chloroethyl)Ether	11.32	371	5181	6.02	ug/mL	82
6)	Phenol-d6 (SS)	11.38	374	111697	321.44	ug/mL	90
7)	2-Chlorophenol	11.38	374	4362	5.48	ug/mL	33
8)	1,3-Dichlorobenzene	11.71	390	5772	12.99	ug/mL	93
9)	1,4-Dichlorobenzene	11.87	398	5805	8.41	ug/mL	90
10)	1,2-Dichlorobenzene	12.38	423	5728	6.42	ug/mL	93
11)	bis(2-Chloroisopropyl)ether	12.93	450	11051	6.78	ug/mL	45
12)	N-Nitroso-Di-n-Propylamine	13.34	470	4067	6.96	ug/mL	79
13)	Hexachloroethane	13.27	467	2279	6.24	ug/mL	53
14)	*NAPHTHALENE-d8	15.60	581	45711	40.00	ug/mL	58
15)	Nitrobenzene-d5 (SS)	13.56	481	68804	91.64	ug/mL	85
16)	Nitrobenzene	13.60	483	7176	7.29	ug/mL	67
17)	Isophorone	14.35	520	12099	5.84	ug/mL	37
18)	2-Nitrophenol	14.54	529	2846	8.06	ug/mL	99
19)	2,4-Dimethylphenol	14.94	549	4159	7.76	ug/mL	90
20)	bis(-2-Chloroethoxy)Methane	15.15	559	6875	7.17	ug/mL	82
21)	2,4-Dichlorophenol	15.33	568	4512	8.85	ug/mL	94
22)	1,2,4-Trichlorobenzene	15.51	577	5222	7.96	ug/mL	97
23)	Naphthalene	15.64	583	12696	8.12	ug/mL	40
24)	Hexachlorobutadiene	16.33	617	3370	8.78	ug/mL	93
25)	4-Chloro-3-Methylphenol	17.69	684	5160	11.55	ug/mL	41
26)	*ACENAPHTHENE-d10	21.06	849	27380	40.00	ug/mL	94
27)	Hexachlorocyclopentadiene	18.55	726	1586	8.83	ug/mL	90
28)	2,4,6-Trichlorophenol	18.98	747	3369	12.30	ug/mL	96
29)	2-Chloronaphthalene	19.26	761	9233	9.23	ug/mL	83
30)	2-Fluorobiphenyl (SS)	19.12	754	88241	135.43	ug/mL	98
31)	Dimethyl Phthalate	20.57	825	10931	7.54	ug/mL	74
32)	Acenaphthylene	20.55	824	12787	8.28	ug/mL	33
33)	Acenaphthene	21.14	853	8767	10.88	ug/mL	96
36)	2,4-Dinitrotoluene	21.87	889	2243	5.86	ug/mL	87
37)	2,6-Dinitrotoluene	20.71	832	2674	6.58	ug/mL	47
38)	Diethylphthalate	22.85	937	11393	7.05	ug/mL	98
39)	4-Chlorophenyl-phenylether	22.85	937	5175	9.72	ug/mL	98
40)	Fluorene	22.73	931	9373	8.29	ug/mL	85
41)	2,4,6-Tribromophenol (SS)	23.58	973	51969	261.88	ug/mL	81
42)	*PHENANTHRENE-d10	25.62	1073	53441	40.00	ug/mL	65
44)	N-Nitrosodiphenylamine	23.28	958	6969	10.62	ug/mL	88
45)	4-Bromophenyl-phenylether	24.34	1010	3496	7.87	ug/mL	70
46)	Hexachlorobenzene	24.68	1027	5108	8.56	ug/mL	70

	Compound	R.T.	Scan#	Area	Conc	Units	q
48)	Phenanthrene	25.68	1076	14676	10.31	ug/mL	49
49)	Anthracene	25.80	1082	15006	9.62	ug/mL	45
50)	Di-n-Butylphthalate	27.96	1188	20836	8.58	ug/mL	85
51)	Fluoranthene	29.39	1258	15992	9.64	ug/mL	69
52)	*CHRYSENE-d12	33.93	1481	53191	40.00	ug/mL	51
53)	Terphenyl-d14 (SS)	30.83	1329	126990	103.33	ug/mL	39
55)	Pyrene	30.06	1291	17114	6.05	ug/mL	51
56)	Butylbenzylphthalate	32.59	1415	9939	6.96	ug/mL	83
57)	3,3'-Dichlorobenzidine	33.97	1483	5148	10.50	ug/mL	91
58)	Benzo(a)Anthracene	33.87	1478	15765	7.41	ug/mL	75
59)	bis(2-Ethylhexyl)Phthalate	34.60	1514	15240	8.05	ug/mL	87
60)	Chrysene	33.99	1484	15369	9.73	ug/mL	98
61)	*PERYLENE-d12	38.09	1685	49185	40.00	ug/mL	78
62)	Di-n-Octyl Phthalate	36.42	1603	25445	8.76	ug/mL	100
63)	Benzo(b)Fluoranthene	37.05	1634	18410	7.61	ug/mL	93
64)	Benzo(k)Fluoranthene	37.11	1637	13651	9.68	ug/mL	96
65)	Benzo(a)Pyrene	37.91	1676	16350	9.82	ug/mL	95
66)	Indeno(1,2,3-cd)Pyrene	41.32	1843	16483M	9.99	ug/mL	1
67)	Dibenz(a,h)Anthracene	41.44	1849	14902	11.70	ug/mL	91
68)	Benzo(g,h,i)Perylene	42.24	1888	15827	11.74	ug/mL	85

* Compound is ISTD

TOTAL ION CHROMATOGRAM



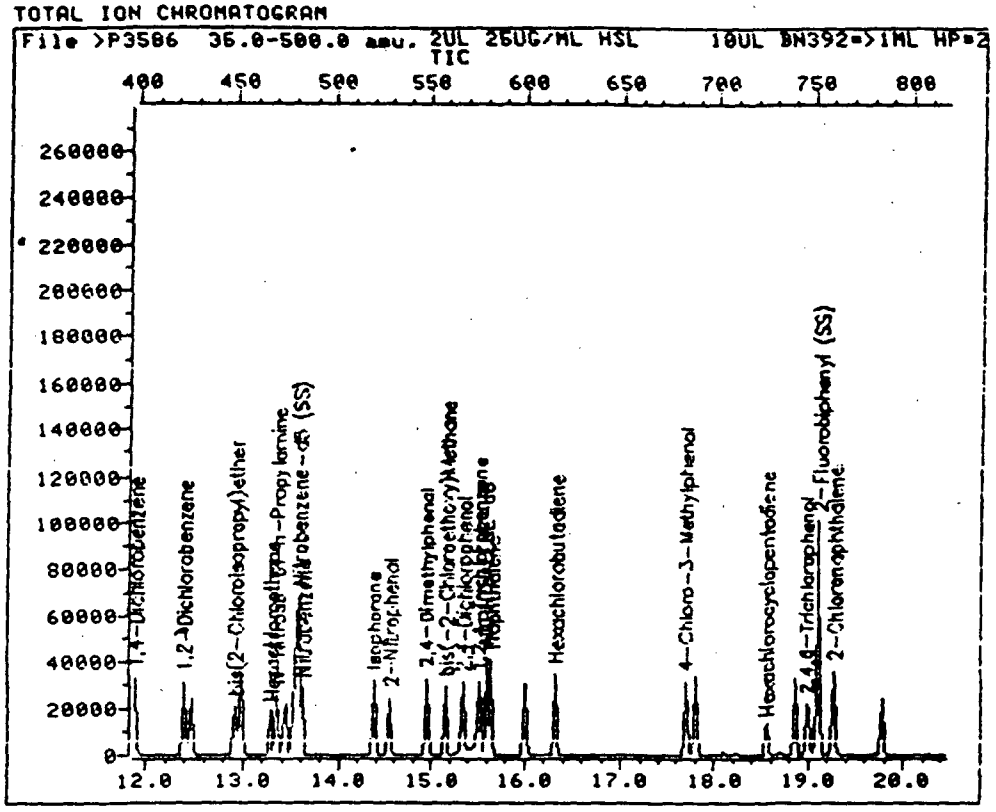
Data File: >P3586::B1 Quant Output File: ^P3586::QT
Name: 2UL 25UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#62

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 18:52
Injected at: 871027 18:05

TIC page 1 of 5

TOTAL ION CHROMATOGRAM



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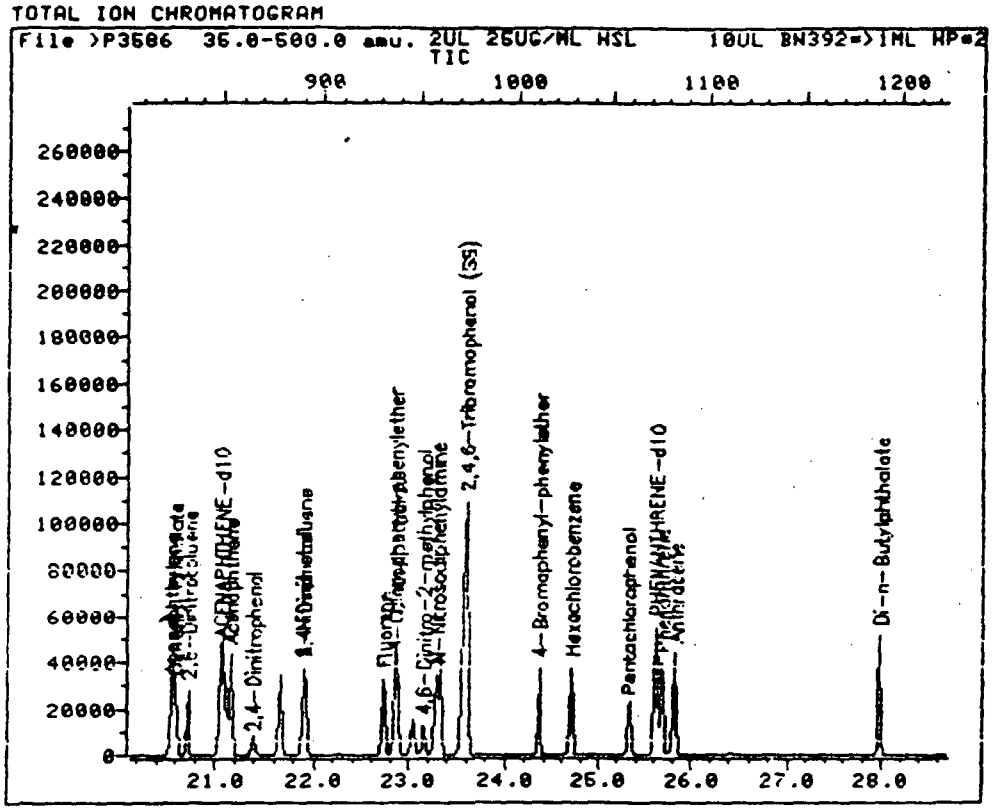
Name: 2UL 25UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#62

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 18:52
Injected at: 871027 18:05

TIC page 2 of 5

TOTAL ION CHROMATOGRAM



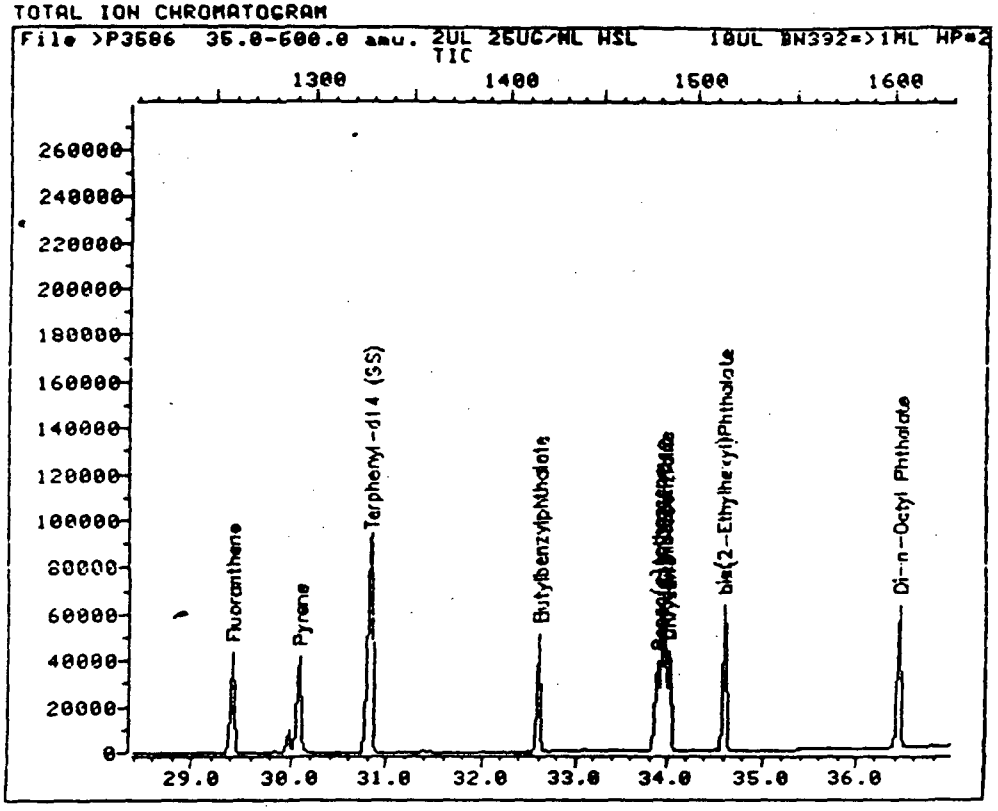
Data File: >P3586::B1 Quant Output File: >P3586::QT
Name: 2UL 25UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#62

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 18:52
Injected at: 871027 18:05

TIC page 3 of 5

TOTAL ION CHROMATOGRAM



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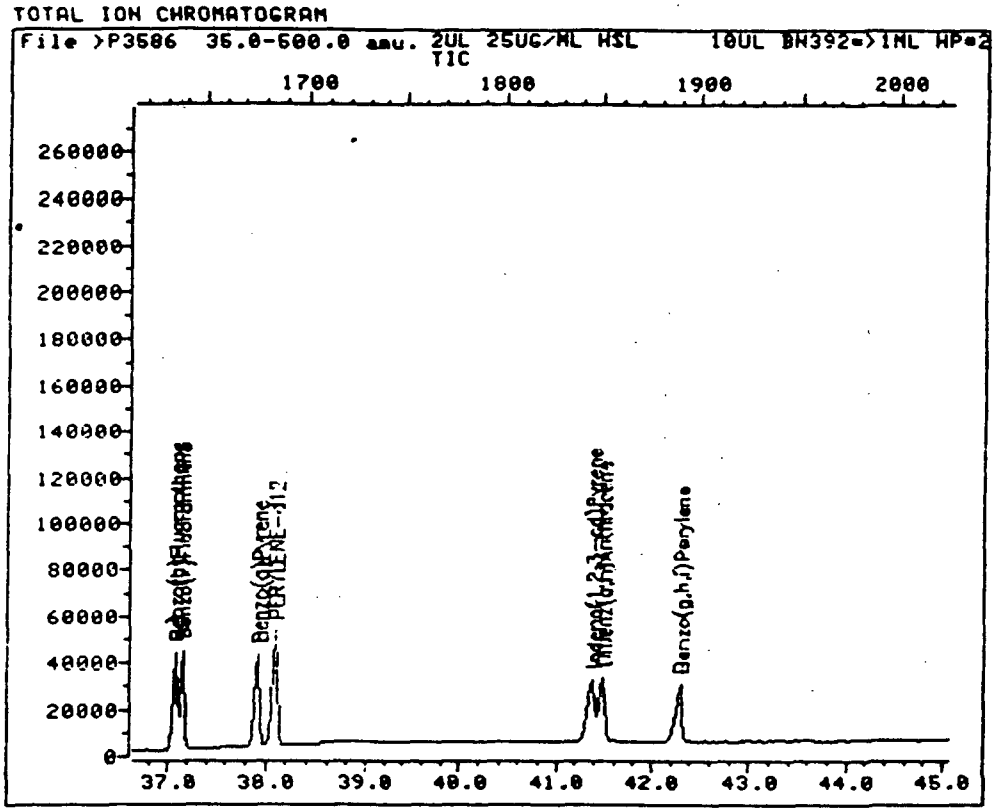
Name: 2UL 25UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#62

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 18:52
Injected at: 871027 18:05

TIC page 4 of 5

TOTAL ION CHROMATOGRAM



Data File: >P3586::B1 Quant Output File: ^P3586::QT
Name: 2UL 25UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#62

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 18:52
Injected at: 871027 18:05

TIC page 5 of 5

QUANT REPORT

Operator ID: GLENN
Output File: ^P3586:;QT
Data File: >P3586::B1
Name: 2UL 25UG/ML HSL
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871027 18:52
Injected at: 871027 18:05
Dilution Factor: 1.00000

BTL#62

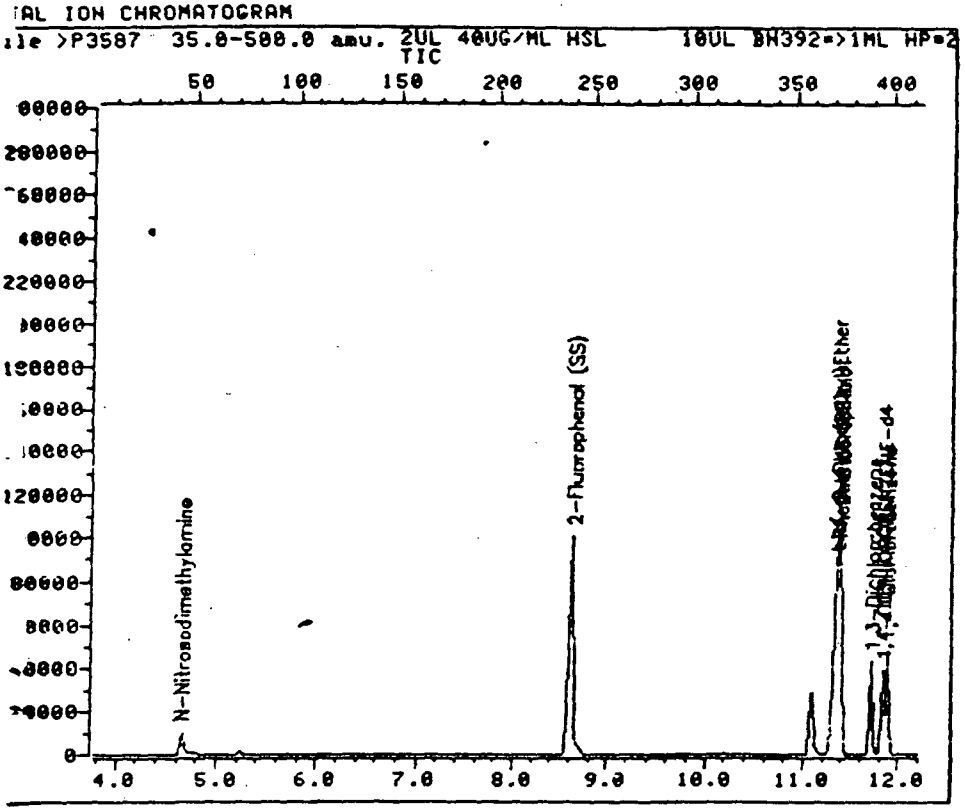
ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.83	396	13657	40.00	ug/mL	89
2)	N-Nitrosodimethylamine	4.66	44	8095	72.05	ug/mL	81
3)	2-Fluorophenol (SS)	8.65	240	76833	182.99	ug/mL	58
4)	Phenol	11.40	375	13649	24.89	ug/mL	84
5)	bis(-2-Chloroethyl)Ether	11.34	372	11563	13.34	ug/mL	75
6)	Phenol-d6 (SS)	11.38	374	102631	293.10	ug/mL	88
7)	2-Chlorophenol	11.40	375	10628	13.25	ug/mL	53
8)	1,3-Dichlorobenzene	11.70	390	13907	31.07	ug/mL	90
9)	1,4-Dichlorobenzene	11.89	399	14114	20.30	ug/mL	88
10)	1,2-Dichlorobenzene	12.40	424	14088	15.68	ug/mL	95
11)	bis(2-Chloroisopropyl)ether	12.93	450	30509	18.58	ug/mL	44
12)	N-Nitroso-Di-n-Propylamine	13.35	471	10711	18.20	ug/mL	77
13)	Hexachloroethane	13.29	468	5863	15.93	ug/mL	90
14)	*NAPHTHALENE-d8	15.60	581	44010	40.00	ug/mL	56
15)	Nitrobenzene-d5 (SS)	13.58	482	64962	89.87	ug/mL	76
16)	Nitrobenzene	13.62	484	17336	18.30	ug/mL	61
17)	Isophorone	14.37	521	28835	14.45	ug/mL	38
18)	2-Nitrophenol	14.56	530	7770	22.85	ug/mL	84
19)	2,4-Dimethylphenol	14.94	549	10013	19.41	ug/mL	90
20)	bis(-2-Chloroethoxy)Methane	15.17	560	18524	20.05	ug/mL	80
21)	2,4-Dichlorophenol	15.35	569	11443	23.32	ug/mL	95
22)	1,2,4-Trichlorobenzene	15.51	577	12487	19.77	ug/mL	97
23)	Naphthalene	15.66	584	30360	20.17	ug/mL	39
24)	Hexachlorobutadiene	16.33	617	8318	22.51	ug/mL	90
25)	4-Chloro-3-Methylphenol	17.69	684	13270M	30.85	ug/mL	
26)	*ACENAPHTHENE-d10	21.06	849	27422	40.00	ug/mL	89
27)	Hexachlorocyclopentadiene	18.55	726	6025	33.48	ug/mL	89
28)	2,4,6-Trichlorophenol	18.98	747	8677	31.62	ug/mL	99
29)	2-Chloronaphthalene	19.28	762	22741	22.71	ug/mL	89
30)	2-Fluorobiphenyl (SS)	19.12	754	83370	127.76	ug/mL	98
31)	Dimethyl Phthalate	20.59	826	27735	19.09	ug/mL	74
32)	Acenaphthylene	20.55	824	33488	21.65	ug/mL	34
33)	Acenaphthene	21.16	854	20907	25.91	ug/mL	98
34)	2,4-Dinitrophenol	21.38	865	2884	16.78	ug/mL	93
35)	4-Nitrophenol	21.89	890	7181M	17.69	ug/mL	21
36)	2,4-Dinitrotoluene	21.89	890	6354	16.58	ug/mL	82
37)	2,6-Dinitrotoluene	20.73	833	7820	19.20	ug/mL	49
38)	Diethylphthalate	22.87	938	29593	18.29	ug/mL	99
39)	4-Chlorophenyl-phenylether	22.85	937	12789	23.98	ug/mL	96
40)	Fluorene	22.73	931	23456	20.71	ug/mL	86
41)	2,4,6-Tribromophenol (SS)	23.60	974	55225	277.87	ug/mL	82
42)	*PHENANTHRENE-d10	25.62	1073	55411	40.00	ug/mL	

	Compound	R.T.	Scan#	Area	Conc	Units	q
44)	N-Nitrosodiphenylamine	23.30	959	18456	27.14	ug/mL	92
45)	4-Bromophenyl-phenylether	24.36	1011	9697	21.06	ug/mL	85
46)	Hexachlorobenzene	24.70	1028	14052	22.71	ug/mL	76
47)	Pentachlorophenol	25.31	1058	8306	24.02	ug/mL	93
48)	Phenanthrene	25.68	1076	38409	26.03	ug/mL	50
49)	Anthracene	25.82	1083	37736	23.33	ug/mL	46
50)	Di-n-Butylphthalate	27.98	1189	56259	22.35	ug/mL	85
51)	Fluoranthene	29.41	1259	44112	25.64	ug/mL	73
52)	*CHRYSENE-d12	33.95	1482	56758	40.00	ug/mL	54
53)	Terphenyl-d14 (SS)	30.84	1329	133435	101.75	ug/mL	38
55)	Pyrene	30.08	1292	46476	15.40	ug/mL	56
56)	Butylbenzylphthalate	32.61	1416	27245	17.88	ug/mL	95
57)	3,3'-Dichlorobenzidine	33.97	1483	15896	30.39	ug/mL	93
58)	Benzo(a)Anthracene	33.89	1479	46793	20.61	ug/mL	72
59)	bis(2-Ethylhexyl)Phthalate	34.60	1514	40050	19.84	ug/mL	86
60)	Chrysene	34.01	1485	44589	26.46	ug/mL	97
61)	*PERYLENE-d12	38.09	1685	58196	40.00	ug/mL	76
62)	Di-n-Octyl Phthalate	36.44	1604	72558	21.11	ug/mL	100
63)	Benzo(b)Fluoranthene	37.07	1635	58144	20.30	ug/mL	93
64)	Benzo(k)Fluoranthene	37.15	1639	38771	23.24	ug/mL	91
65)	Benzo(a)Pyrene	37.93	1677	48079	24.41	ug/mL	95
66)	Indeno(1,2,3-cd)Pyrene	41.38	1846	51416M	26.33	ug/mL	1
67)	Dibenz(a,h)Anthracene	41.48	1851	46415	30.80	ug/mL	90
68)	Benzo(g,h,i)Perylene	42.30	1891	49145	30.81	ug/mL	84

* Compound is ISTD

TAL ION CHROMATOGRAM



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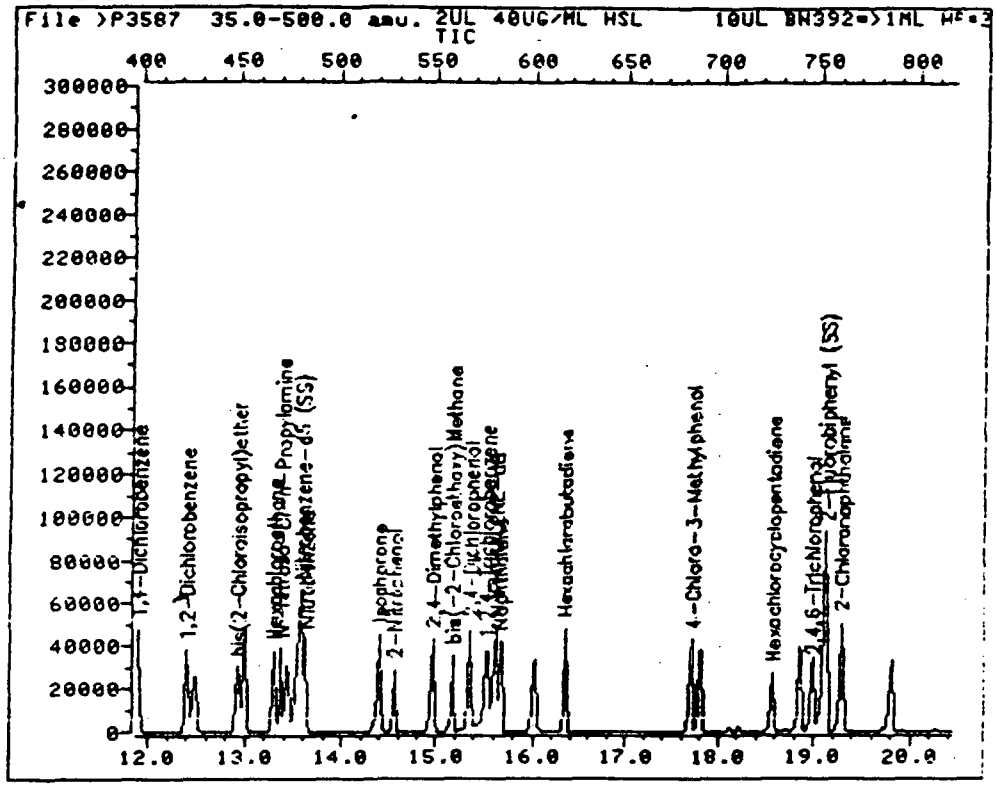
Name: 2UL 40UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#63

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 19:47
Injected at: 871027 19:00

TOTAL ION CHROMATOGRAM



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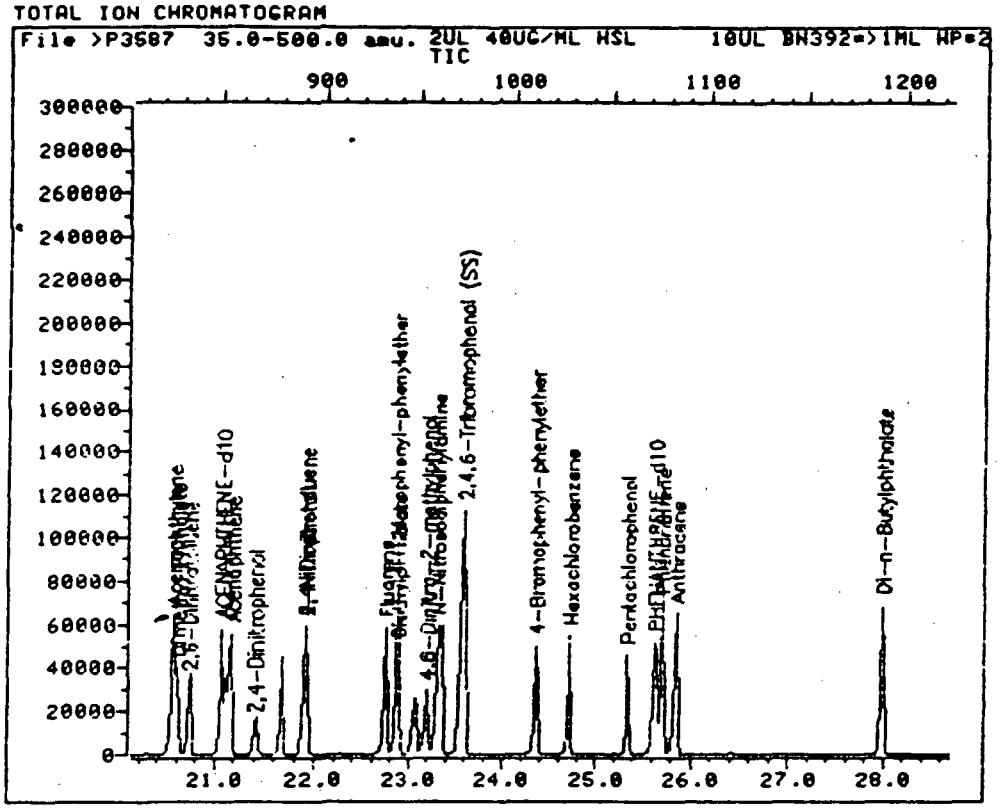
Name: 2UL 40UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#63

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 19:47
Injected at: 871027 19:00

TIC page 2 of 5

TOTAL ION CHROMATOGRAM



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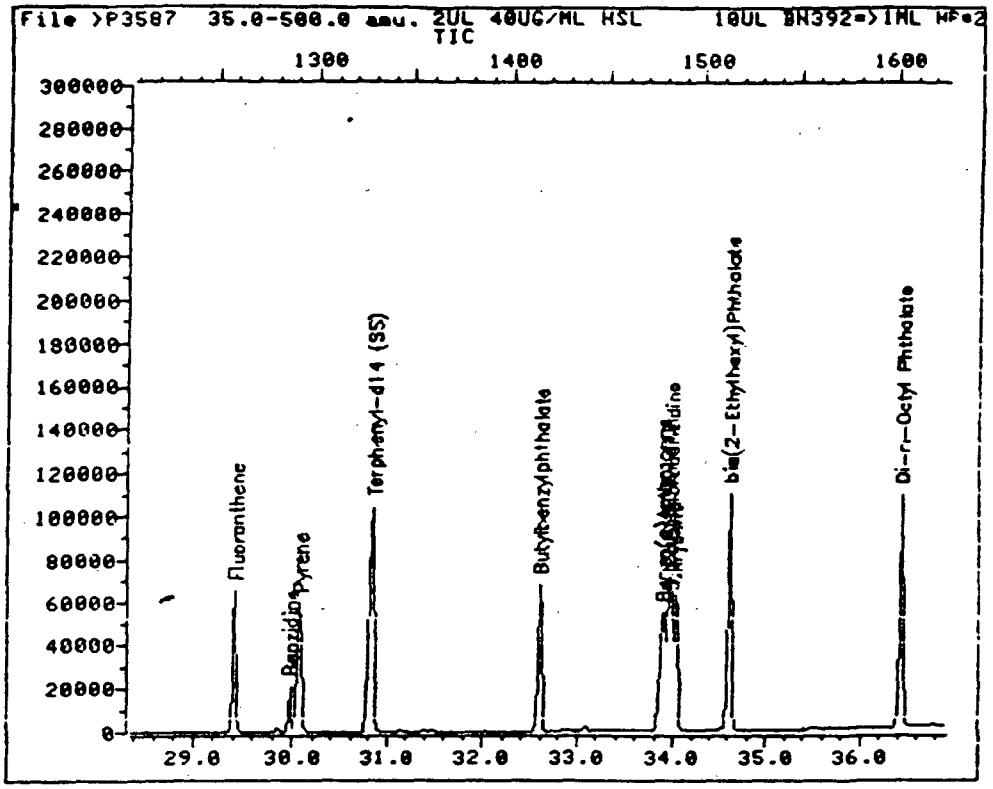
Name: 2UL 40UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#63

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 19:47
Injected at: 871027 19:00

TIC page 3 of 5

TOTAL ION CHROMATOGRAM



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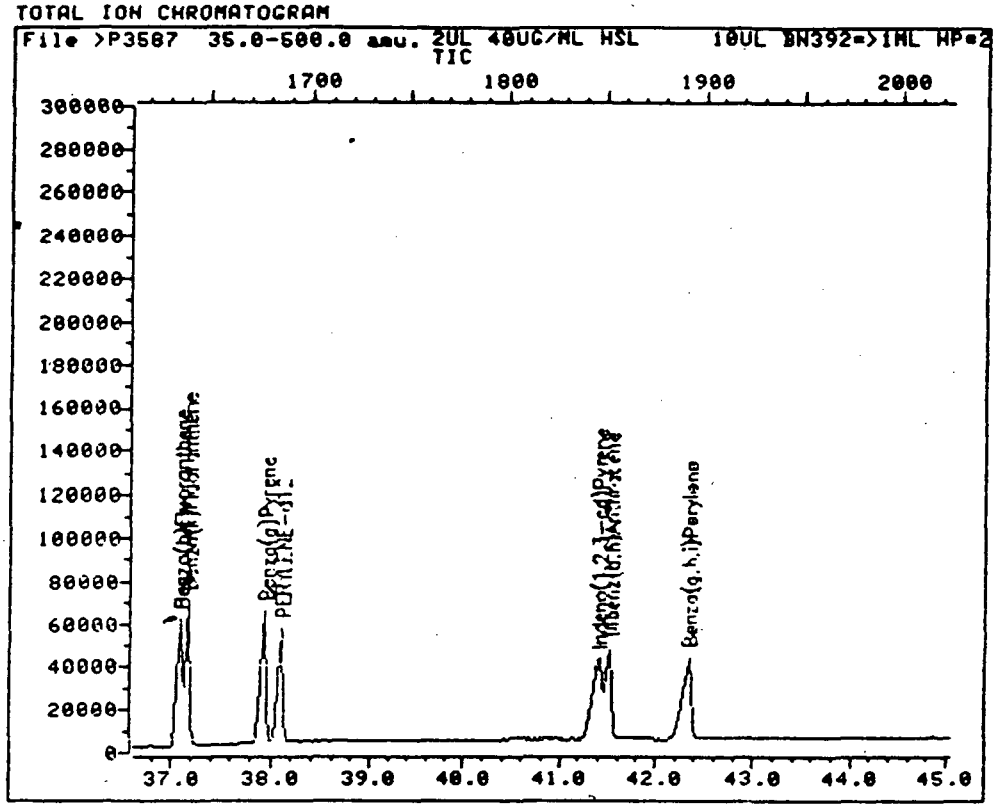
Name: 2UL 40UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#63

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 19:47
Injected at: 871027 19:00

TIC page 4 of 5

TOTAL ION CHROMATOGRAM



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Name: 2UL 40UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#63

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 19:47
Injected at: 871027 19:00

TIC page 5 of 5

QUANT REPORT

Operator ID: GLENN
Output File: ^P3587:;QT
Data File: >P3587::B1
Name: 2UL 40UG/ML HSL
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871027 19:47
Injected at: 871027 19:00
Dilution Factor: 1.00000

BTL#63

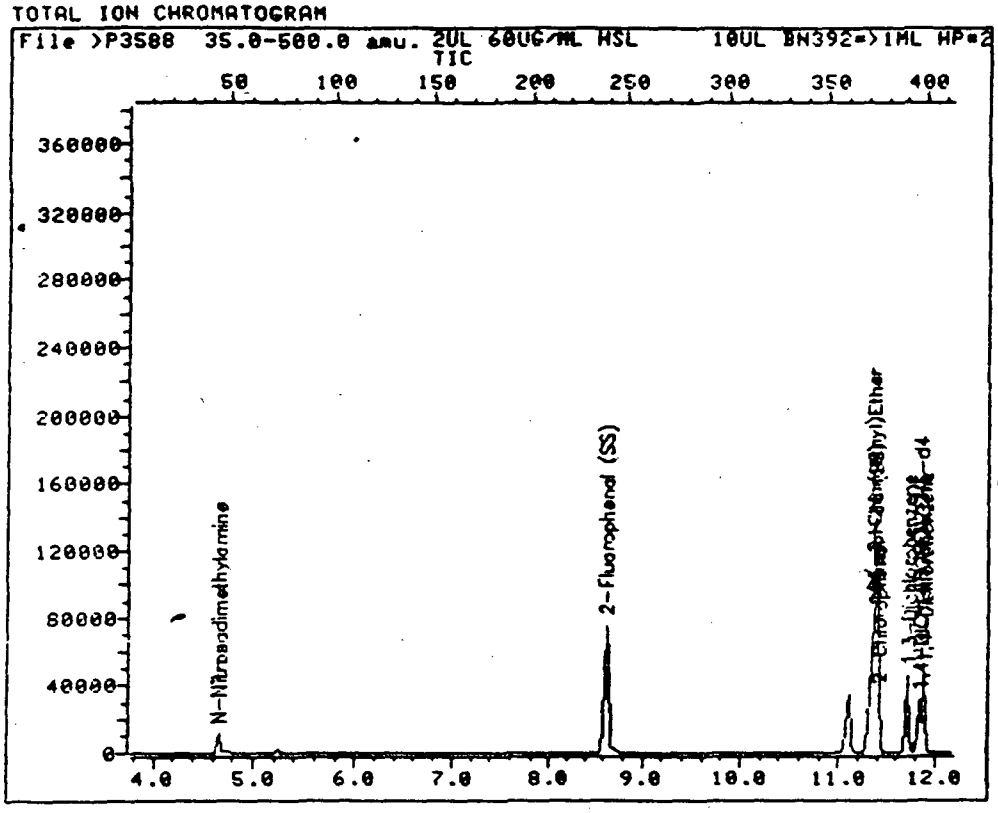
ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.85	397	12924	40.00	ug/mL	92
2)	N-Nitrosodimethylamine	4.66	44	12832	120.68	ug/mL	78
3)	2-Fluorophenol (SS)	8.65	240	71260	179.35	ug/mL	54
4)	Phenol	11.40	375	16150	31.12	ug/mL	79
5)	bis(-2-Chloroethyl)Ether	11.36	373	17754	21.64	ug/mL	73
6)	Phenol-d6 (SS)	11.38	374	103583	312.60	ug/mL	90
7)	2-Chlorophenol	11.40	375	15438	20.33	ug/mL	62
8)	1,3-Dichlorobenzene	11.73	391	20235	47.77	ug/mL	95
9)	1,4-Dichlorobenzene	11.89	399	19480	29.60	ug/mL	89
10)	1,2-Dichlorobenzene	12.40	424	19507	22.94	ug/mL	95
11)	bis(2-Chloroisopropyl)ether	12.93	450	48999	31.54	ug/mL	44
12)	N-Nitroso-Di-n-Propylamine	13.38	472	17333	31.12	ug/mL	76
13)	Hexachloroethane	13.29	468	9079	26.06	ug/mL	80
14)	*NAPHTHALENE-d8	15.62	582	44406	40.00	ug/mL	61
15)	Nitrobenzene-d5 (SS)	13.58	482	63072	86.47	ug/mL	81
16)	Nitrobenzene	13.62	484	23289	24.37	ug/mL	70
17)	Isophorone	14.39	512	45310	22.51	ug/mL	38
18)	2-Nitrophenol	14.56	530	11692	34.08	ug/mL	94
19)	2,4-Dimethylphenol	14.97	550	16413	31.53	ug/mL	94
20)	bis(-2-Chloroethoxy)Methane	15.17	560	25616	27.48	ug/mL	82
21)	2,4-Dichlorophenol	15.35	569	17137	34.62	ug/mL	97
22)	1,2,4-Trichlorobenzene	15.52	577	19568	30.71	ug/mL	97
23)	Naphthalene	15.66	584	46981	30.94	ug/mL	40
24)	Hexachlorobutadiene	16.33	617	12293	32.97	ug/mL	90
25)	4-Chloro-3-Methylphenol	17.72	685	21830M	50.29	ug/mL	
26)	*ACENAPHTHENE-d10	21.08	850	28846	40.00	ug/mL	93
27)	Hexachlorocyclopentadiene	18.57	727	11063	58.45	ug/mL	88
28)	2,4,6-Trichlorophenol	18.98	747	14312	49.58	ug/mL	93
29)	2-Chloronaphthalene	19.29	762	36994	35.12	ug/mL	88
30)	2-Fluorobiphenyl (SS)	19.12	754	88921	129.54	ug/mL	98
31)	Dimethyl Phthalate	20.61	827	46508	30.44	ug/mL	72
32)	Acenaphthylene	20.57	825	53054	32.61	ug/mL	34
33)	Acenaphthene	21.18	855	35558	41.88	ug/mL	96
34)	2,4-Dinitrophenol	21.40	866	6777	37.49	ug/mL	86
35)	4-Nitrophenol	21.91	891	12369M	28.97	ug/mL	20
36)	2,4-Dinitrotoluene	21.91	891	10725	26.61	ug/mL	78
37)	2,6-Dinitrotoluene	20.73	833	12743	29.75	ug/mL	79
38)	Diethylphthalate	22.89	939	48613	28.56	ug/mL	99
39)	4-Chlorophenyl-phenylether	22.87	938	20423	36.40	ug/mL	97
40)	Fluorene	22.75	932	39491	33.15	ug/mL	85
41)	2,4,6-Tribromophenol (SS)	23.61	974	57116	273.19	ug/mL	83
42)	*PHENANTHRENE-d10	25.62	1073	61180	40.00	ug/mL	64

	Compound	R.T.	Scan#	Area	Conc	Units	q
44)	N-Nitrosodiphenylamine	23.32	960	31249	41.61	ug/mL	90
45)	4-Bromophenyl-phenylether	24.36	1011	16065	31.61	ug/mL	78
46)	Hexachlorobenzene	24.73	1029	24438	35.77	ug/mL	83
47)	Pentachlorophenol	25.34	1059	15282	40.02	ug/mL	97
48)	Phenanthrene	25.70	1077	63690	39.10	ug/mL	50
49)	Anthracene	25.85	1084	65280	36.55	ug/mL	45
50)	Di-n-Butylphthalate	27.99	1189	92778	33.38	ug/mL	85
51)	Fluoranthene	29.43	1260	75653	39.83	ug/mL	74
52)	*CHRYSENE-d12	33.96	1482	59609	40.00	ug/mL	52
53)	Terphenyl-d14 (SS)	30.86	1330	144815	105.14	ug/mL	38
54)	Benzidine	29.98	1287	19047	474.79	ug/mL	97
55)	Pyrene	30.08	1292	76351	24.09	ug/mL	50
56)	Butylbenzylphthalate	32.61	1416	45300	28.30	ug/mL	91
57)	3,3'-Dichlorobenzidine	34.00	1484	28609	52.09	ug/mL	96
58)	Benzo(a)Anthracene	33.89	1479	76168	31.95	ug/mL	75
59)	bis(2-Ethylhexyl)Phthalate	34.63	1515	69461	32.76	ug/mL	86
60)	Chrysene	34.04	1486	72314	40.86	ug/mL	96
61)	*PERYLENE-d12	38.12	1686	62862	40.00	ug/mL	77
62)	Di-n-Octyl Phthalate	36.44	1604	116180	31.29	ug/mL	100
63)	Benzo(b)Fluoranthene	37.09	1636	86331	27.91	ug/mL	98
64)	Benzo(k)Fluoranthene	37.18	1640	62431	34.64	ug/mL	95
65)	Benzo(a)Pyrene	37.95	1678	81166	38.15	ug/mL	98
66)	Indeno(1,2,3-cd)Pyrene	41.40	1847	90821	43.05	ug/mL	98
67)	Dibenz(a,h)Anthracene	41.53	1853	78802	48.41	ug/mL	89
68)	Benzo(g,h,i)Perylene	42.34	1893	85272	49.49	ug/mL	81

* Compound is ISTD

TOTAL ION CHROMATOGRAM



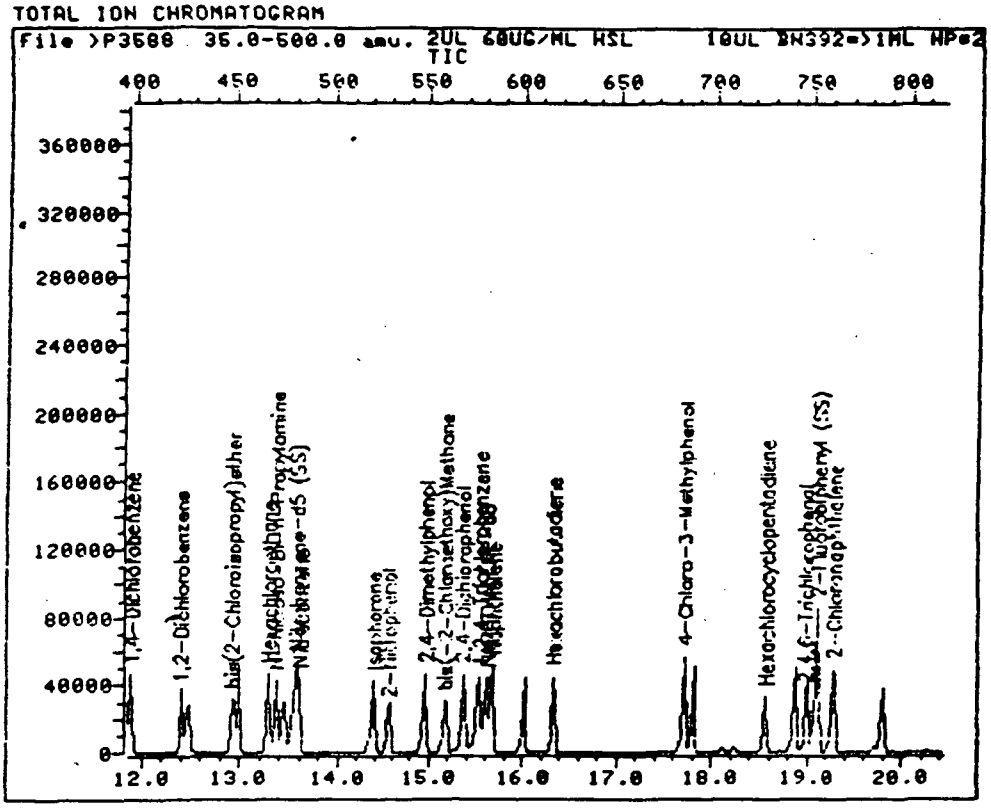
Data File: >P3588::B1 Quant Output File: ^P3588::QT
Name: 2UL 60UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#64

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 20:42
Injected at: 871027 19:56

TIC page 1 of 5

TOTAL ION CHROMATOGRAM



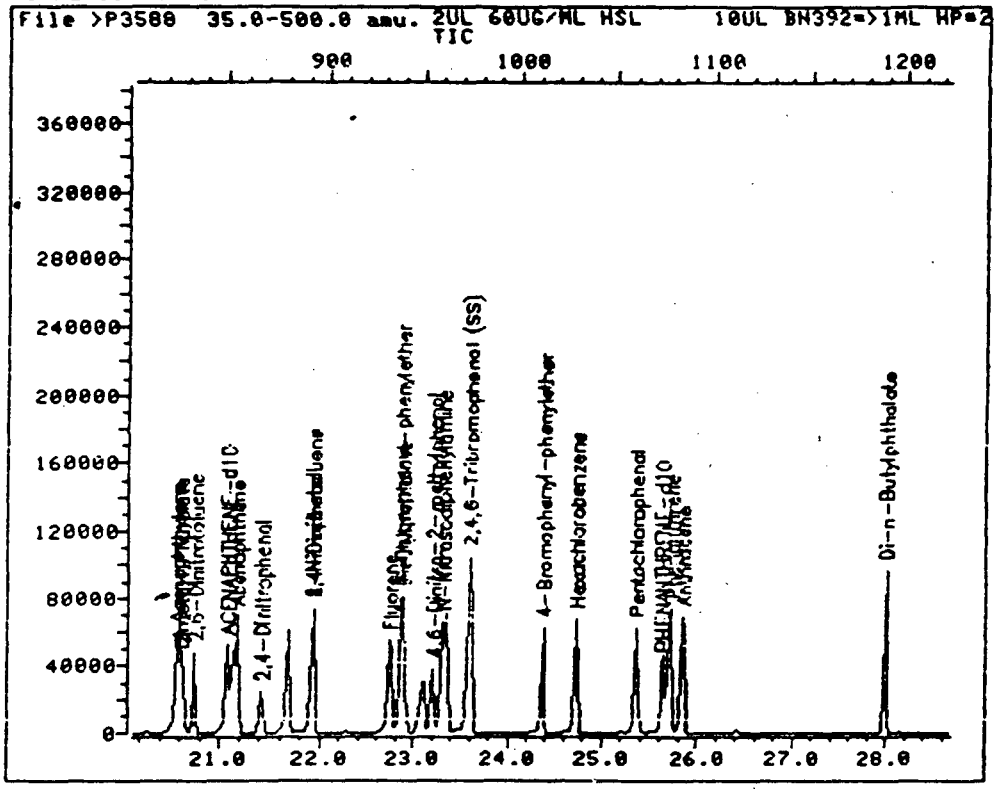
Data File: >P3588::B1 Quant Output File: ^P3588::QT
Name: 2UL 60UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#64

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 20:42
Injected at: 871027 19:56

TIC page 2 of 5

TOTAL ION CHROMATOGRAM



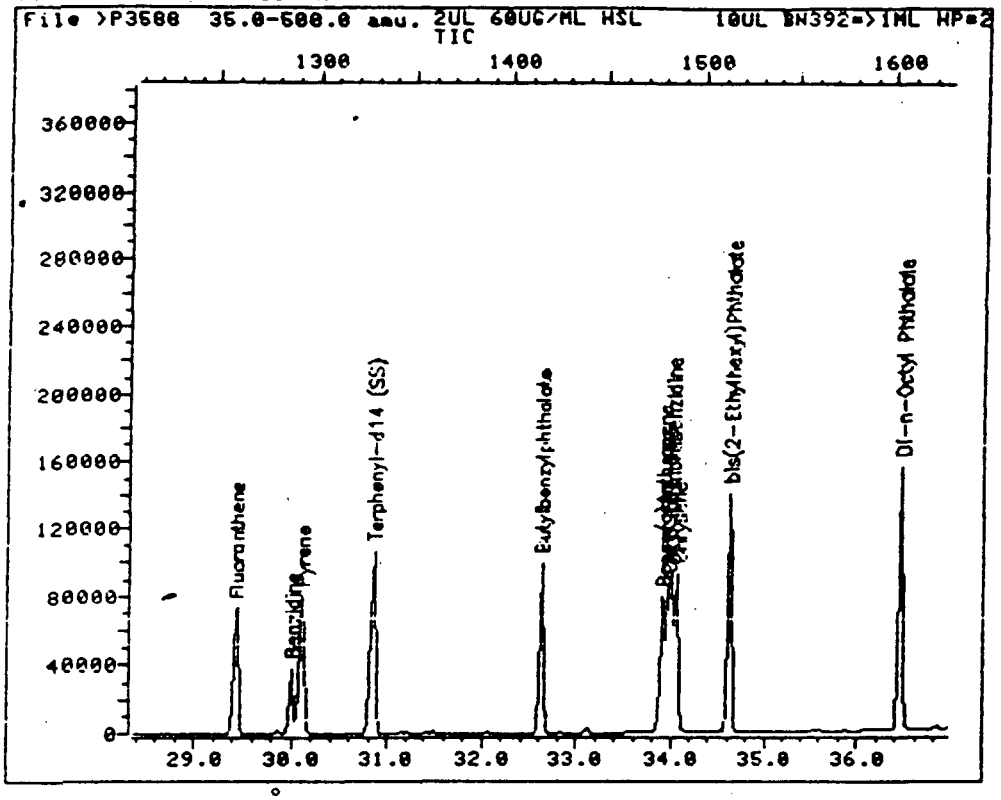
Data File: >P3588::B1 Quant Output File: ^P3588::QT
Name: 2UL 60UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#6

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 20:42
Injected at: 871027 19:56

TIC page 3 of 5

TOTAL ION CHROMATOGRAM



Data File: >P3588::B1 Quant Output File: ^P358E::QT
Name: 2UL 60UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#64

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 20:42
Injected at: 871027 19:56

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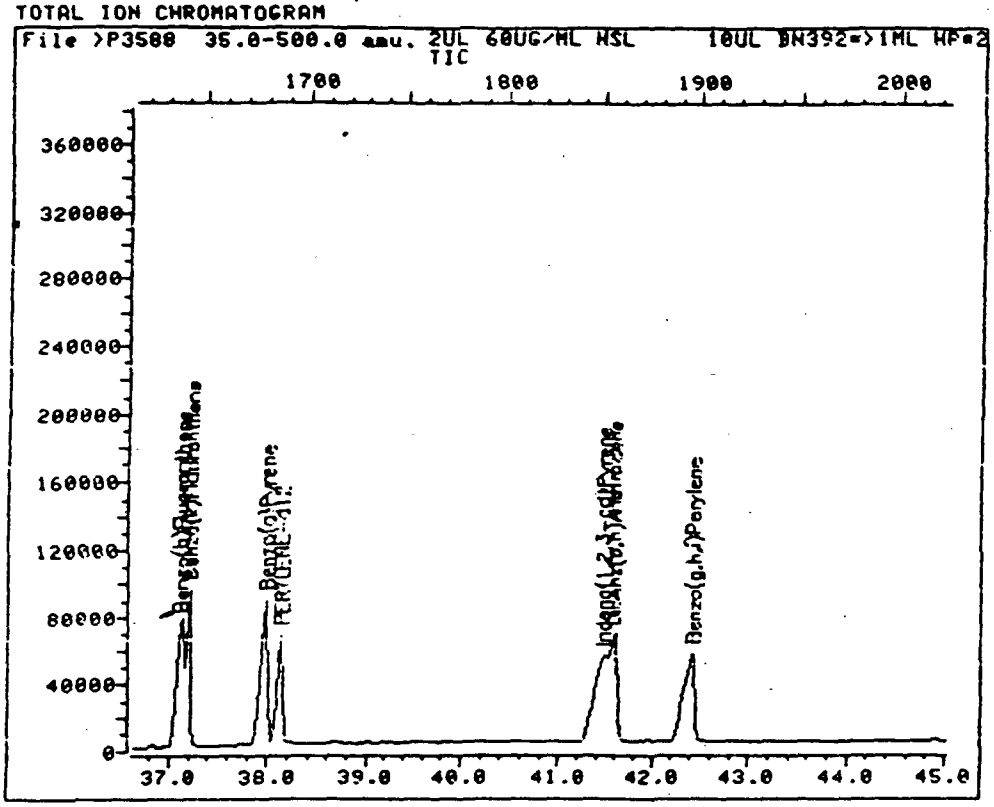
TOTAL ION CHROMATOGRAM



Data File: >P3588::B1 Quant Output File: ^P3588::QT
Name: 2UL 60UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#64

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 20:42
Injected at: 871027 19:56

TIC page 5 of 5

QUANT REPORT

Operator ID: GLENN
Output File: ^P3588:.:QT
Data File: >P3588::B1
Name: 2UL 60UG/ML HSL
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871027 20:42
Injected at: 871027 19:56
Dilution Factor: 1.00000

BTL#64

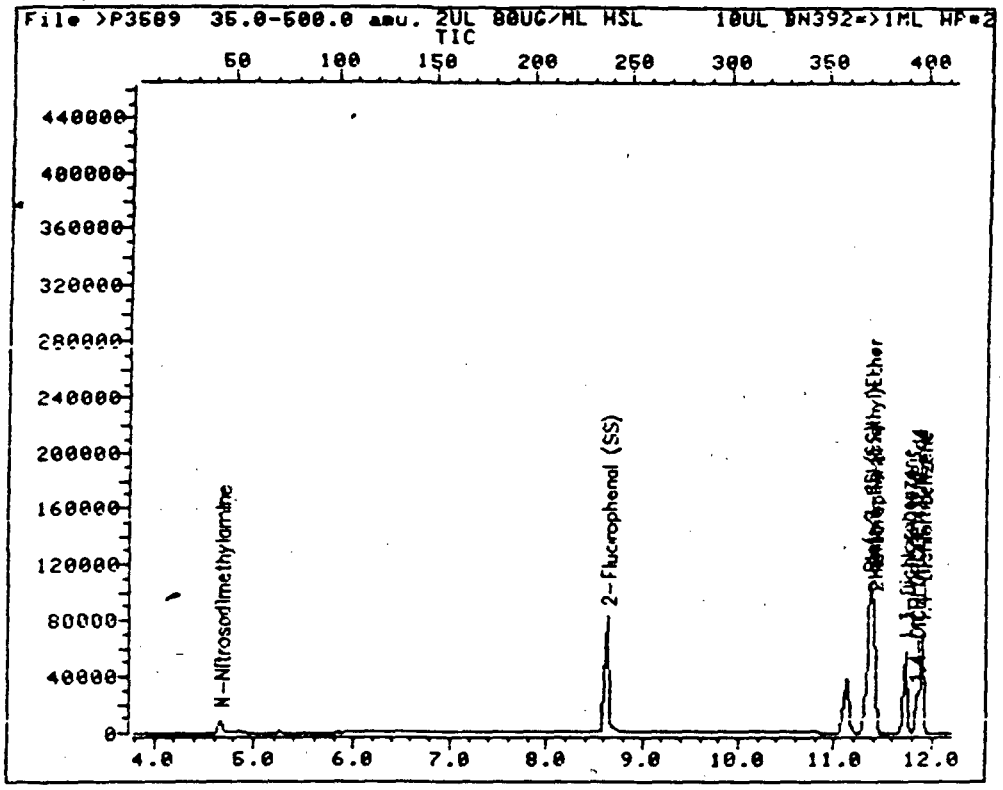
ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.85	397	9609	40.00	ug/mL	90
2)	N-Nitrosodimethylamine	4.66	44	13360	169.00	ug/mL	73
3)	2-Fluorophenol (SS)	8.63	239	51300	173.65	ug/mL	61
4)	Phenol	11.40	375	25019	64.83	ug/mL	82
5)	bis(-2-Chloroethyl)Ether	11.36	373	17432	28.58	ug/mL	70
6)	Phenol-d6 (SS)	11.38	374	76474	310.41	ug/mL	89
7)	2-Chlorophenol	11.42	376	18818	33.34	ug/mL	59
8)	1,3-Dichlorobenzene	11.72	391	21451	68.11	ug/mL	92
9)	1,4-Dichlorobenzene	11.89	399	20597	42.09	ug/mL	88
10)	1,2-Dichlorobenzene	12.40	424	21746	34.40	ug/mL	95
11)	bis(2-Chloroisopropyl)ether	12.93	450	53994	46.75	ug/mL	44
12)	N-Nitroso-Di-n-Propylamine	13.37	472	20033	48.38	ug/mL	70
13)	Hexachloroethane	13.29	468	9610	37.11	ug/mL	64
14)	*NAPHTHALENE-d8	15.62	582	35703	40.00	ug/mL	59
15)	Nitrobenzene-d5 (SS)	13.58	482	50347	85.85	ug/mL	73
16)	Nitrobenzene	13.62	484	26994	35.13	ug/mL	68
17)	Isophorone	14.39	522	51762	31.98	ug/mL	38
18)	2-Nitrophenol	14.56	530	13726	49.76	ug/mL	96
19)	2,4-Dimethylphenol	14.96	550	17695	42.27	ug/mL	94
20)	bis(-2-Chloroethoxy)Methane	15.17	560	29995	40.03	ug/mL	83
21)	2,4-Dichlorophenol	15.35	569	19439	48.84	ug/mL	96
22)	1,2,4-Trichlorobenzene	15.53	578	21285	41.54	ug/mL	96
23)	Naphthalene	15.68	585	55028	45.07	ug/mL	39
24)	Hexachlorobutadiene	16.33	617	13978	46.62	ug/mL	93
25)	4-Chloro-3-Methylphenol	17.71	685	26313M	75.40	ug/mL	
26)	*ACENAPHTHENE-d10	21.08	850	25282	40.00	ug/mL	93
27)	Hexachlorocyclopentadiene	18.57	727	12814	77.24	ug/mL	91
28)	2,4,6-Trichlorophenol	18.98	747	17561	69.42	ug/mL	99
29)	2-Chloronaphthalene	19.28	762	43866	47.51	ug/mL	88
30)	2-Fluorobiphenyl (SS)	19.12	754	74954	124.58	ug/mL	99
31)	Dimethyl Phthalate	20.61	827	58464	43.66	ug/mL	73
32)	Acenaphthylene	20.57	825	61308	42.99	ug/mL	35
33)	Acenaphthene	21.18	855	41086	55.22	ug/mL	97
34)	2,4-Dinitrophenol	21.42	867	9767	61.64	ug/mL	80
35)	4-Nitrophenol	21.93	892	15970	42.67	ug/mL	69
36)	2,4-Dinitrotoluene	21.93	892	13149	37.22	ug/mL	76
37)	2,6-Dinitrotoluene	20.75	834	14330	38.17	ug/mL	70
38)	Diethylphthalate	22.89	939	58982	39.53	ug/mL	96
39)	4-Chlorophenyl-phenylether	22.87	938	25082	51.00	ug/mL	98
40)	Fluorene	22.75	932	49103	47.03	ug/mL	86
41)	2,4,6-Tribromophenol (SS)	23.61	974	52142	284.56	ug/mL	81
42)	*PHENANTHRENE-d10						

	Compound	R.T.	Scan#	Area	Conc	Units	q
44)	N-Nitrosodiphenylamine	23.32	960	35090	49.83	ug/mL	93
45)	4-Bromophenyl-phenylether	24.38	1012	20552	43.12	ug/mL	86
46)	Hexachlorobenzene	24.73	1029	30619	47.80	ug/mL	76
47)	Pentachlorophenol	25.36	1060	21623	60.39	ug/mL	94
48)	Phenanthrene	25.73	1078	88296	57.80	ug/mL	49
49)	Anthracene	25.85	1084	84539	50.48	ug/mL	45
50)	Di-n-Butylphthalate	28.01	1190	130734	50.16	ug/mL	85
51)	Fluoranthene	29.43	1260	107992	60.64	ug/mL	72
52)	*CHRYSENE-d12	33.98	1483	64621	40.00	ug/mL	52
53)	Terphenyl-d14 (SS)	30.86	1330	140688	94.22	ug/mL	38
54)	Benzidine	30.00	1288	36823	846.70	ug/mL	97
55)	Pyrene	30.10	1293	110269	32.10	ug/mL	49
56)	Butylbenzylphthalate	32.63	1417	66758	38.47	ug/mL	92
57)	3,3'-Dichlorobenzidine	34.02	1485	46407	77.94	ug/mL	96
58)	Benzo(a)Anthracene	33.91	1480	121881	47.16	ug/mL	76
59)	bis(2-Ethylhexyl)Phthalate	34.63	1515	102386	44.54	ug/mL	88
60)	Chrysene	34.08	1488	108607	56.61	ug/mL	98
61)	*PERYLENE-d12	38.14	1687	76458	40.00	ug/mL	79
62)	Di-n-Octyl Phthalate	36.46	1605	184727	40.90	ug/mL	100
63)	Benzo(b)Fluoranthene	37.12	1637	161672	42.97	ug/mL	97
64)	Benzo(k)Fluoranthene	37.22	1642	117123	53.43	ug/mL	96
65)	Benzo(a)Pyrene	37.99	1680	143878	55.61	ug/mL	97
66)	Indeno(1,2,3-cd)Pyrene	41.47	1850	196733	76.67	ug/mL	89
67)	Dibenz(a,h)Anthracene	41.59	1856	146932	74.22	ug/mL	89
68)	Benzo(g,h,i)Perylene	42.43	1897	161321	76.98	ug/mL	80

* Compound is ISTD

TOTAL ION CHROMATOGRAM



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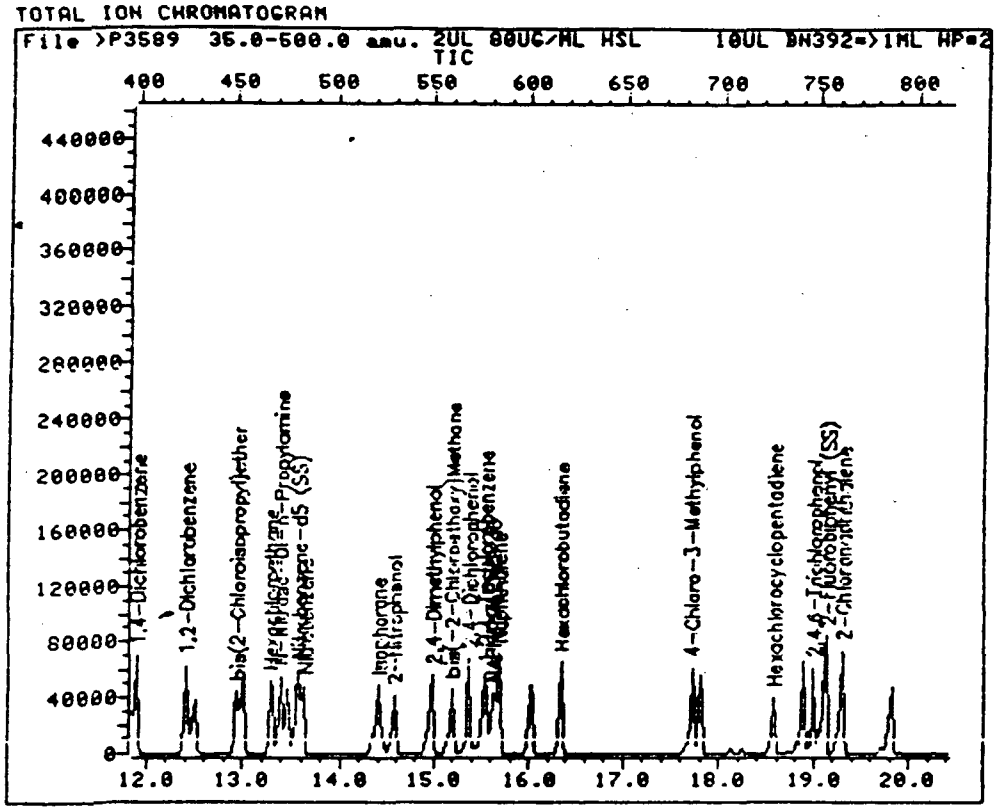
Name: 2UL 80UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#65

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 21:38
Injected at: 871027 20:51

TIC page 1 of 5

TOTAL ION CHROMATOGRAM



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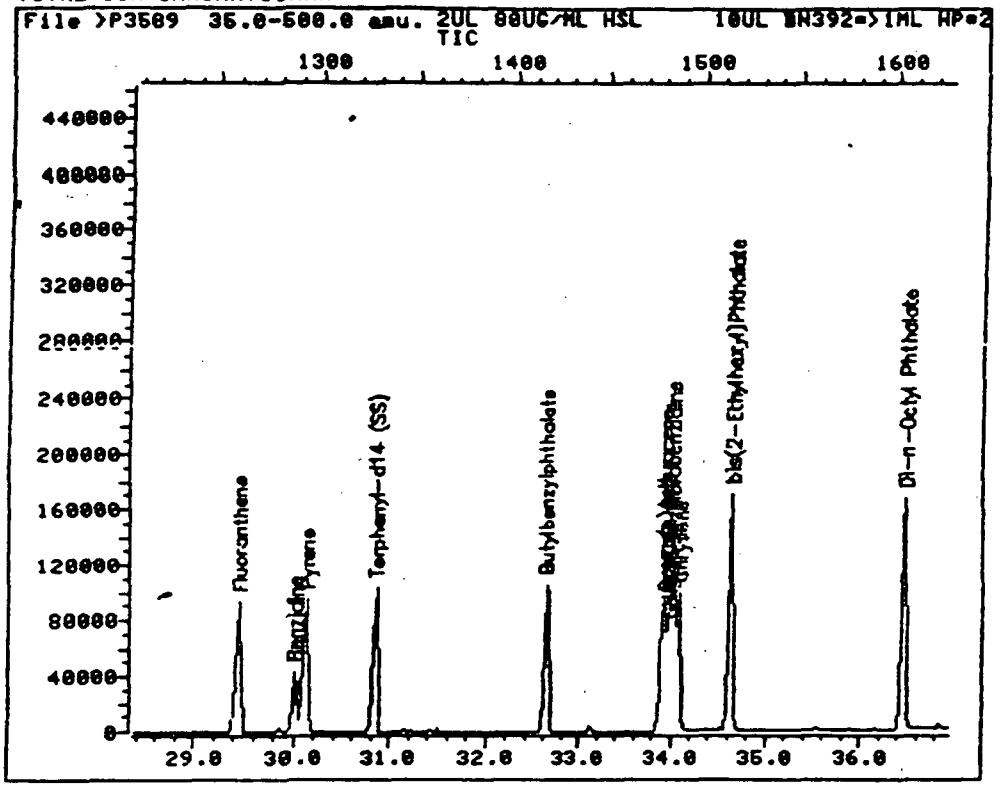
Name: 2UL 80UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#65

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 21:38
Injected at: 871027 20:51

TIC page 2 of 5

TOTAL ION CHROMATOGRAM



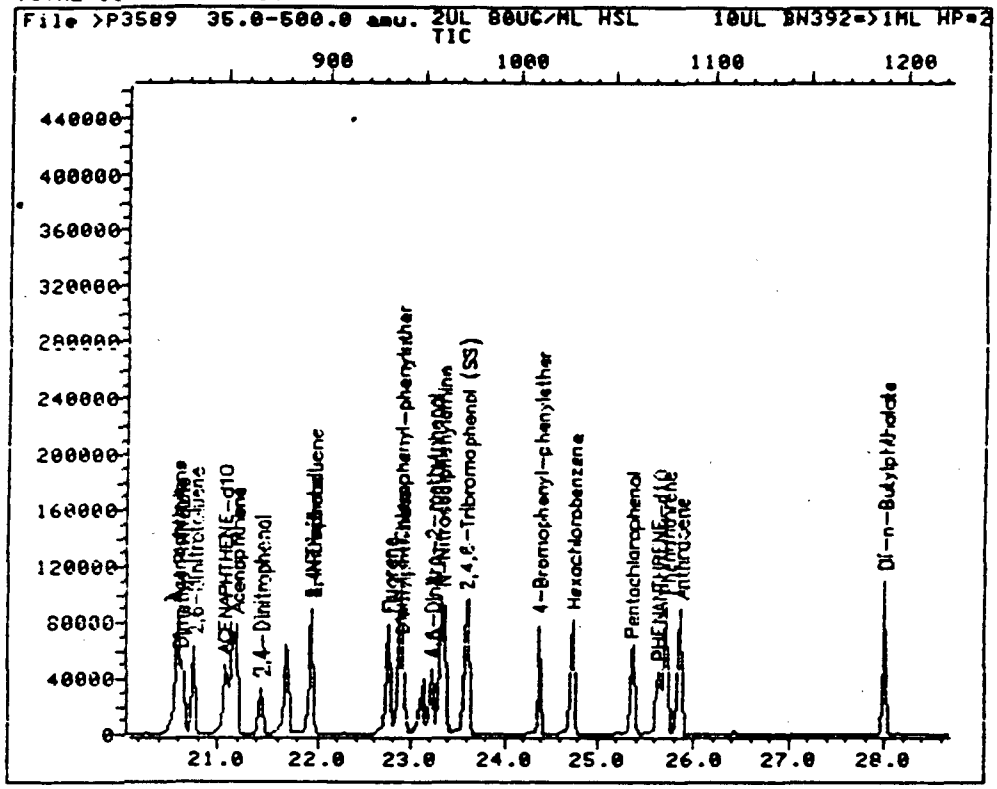
Data File: >P3589::B1 Quant Output File: ^P3589::QT
Name: 2UL 80UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#65

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 21:38
Injected at: 871027 20:51

TIC page 4 of 5

TOTAL ION CHROMATOGRAM



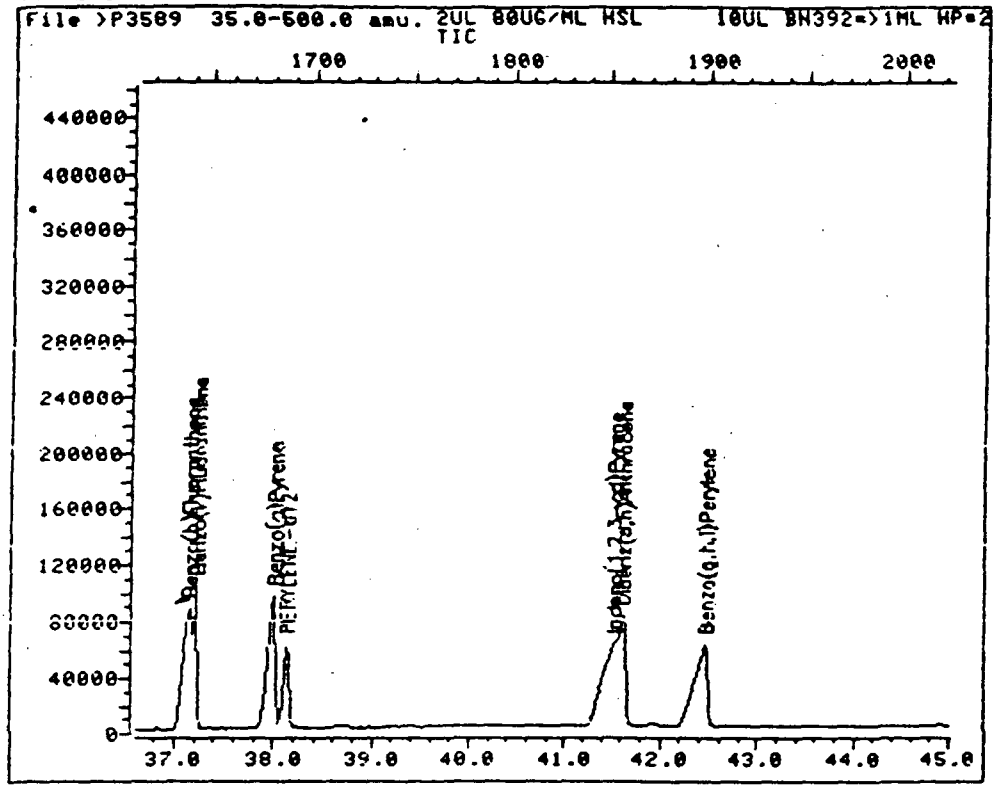
Data File: >P3589::B1 Quant Output File: ^P3589::QT
Name: 2UL 80UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#65

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 21:38
Injected at: 871027 20:51

TIC page 3 of 5

TOTAL ION CHROMATOGRAM



Data File: >P3589::B1 Quant Output File: ^P3589::QT
Name: 2UL 80UG/ML HSL
Misc: 10UL BN392=>1ML HP#2 BTL#:5

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

Operator ID: GLENN
Quant Time: 871027 21:38
Injected at: 871027 20:51

TIC page 5 of 5

QUANT REPORT

Operator ID: GLENN
Output File: ^P3589::QT
Data File: >P3589::B1
Name: 2UL 80UG/ML HSL
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871027 21:38
Injected at: 871027 20:51
Dilution Factor: 1.00000

BTL#65

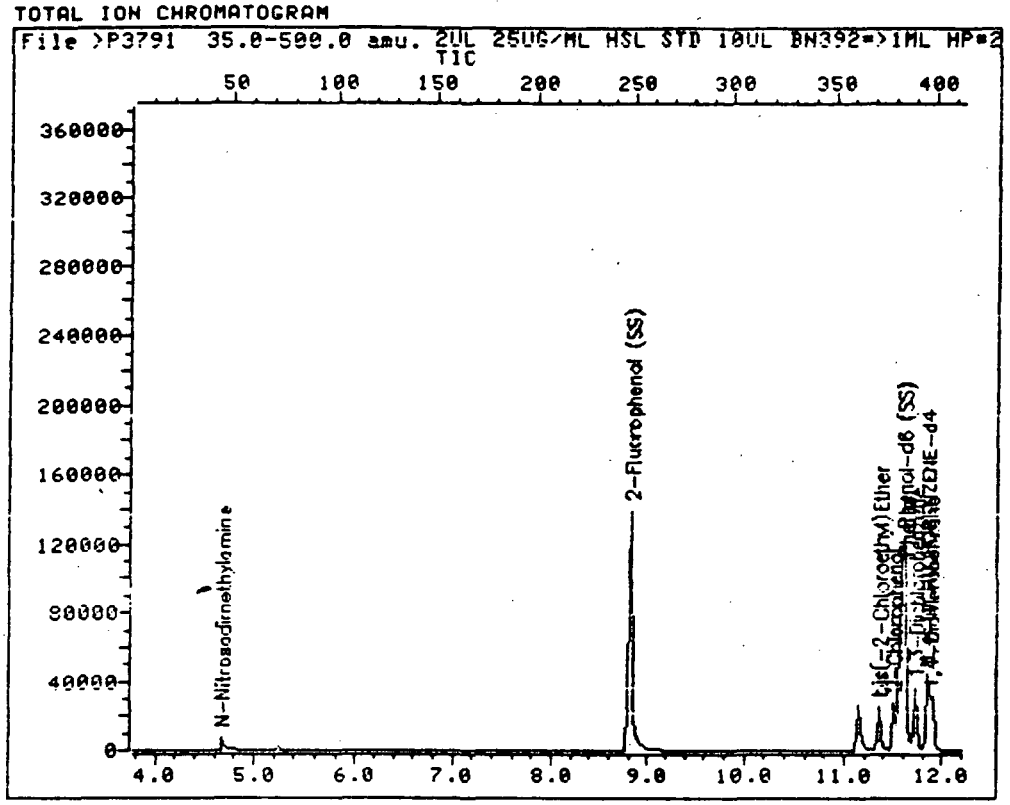
ID File: !!OXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871019 09:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.8-	397	10740	40.00	ug/mL	90
2)	N-Nitrosodimethylamine	4.67	45	11703	132.45	ug/mL	66
3)	2-Fluorophenol (SS)	8.65	240	52749	159.75	ug/mL	53
4)	Phenol	11.42	376	34843	80.78	ug/mL	80
5)	bis(-2-Chloroethyl)Ether	11.37	374	27270	40.00	ug/mL	71
6)	Phenol-d6 (SS)	11.37	374	86430	313.87	ug/mL	89
7)	2-Chlorophenol	11.42	376	27223	43.15	ug/mL	73
8)	1,3-Dichlorobenzene	11.74	392	33147	94.17	ug/mL	92
9)	1,4-Dichlorobenzene	11.90	400	31625	57.83	ug/mL	92
10)	1,2-Dichlorobenzene	12.41	425	31406	44.45	ug/mL	92
11)	bis(2-Chloroisopropyl)ether	12.94	451	69666	53.96	ug/mL	47
12)	N-Nitroso-Di-n-Propylamine	13.39	473	26760	57.82	ug/mL	74
13)	Hexachloroethane	13.29	468	14358	49.60	ug/mL	51
14)	*NAPHTHALENE-d8	15.61	582	37075	40.00	ug/mL	57
15)	Nitrobenzene-d5 (SS)	13.58	482	53916	88.54	ug/mL	84
16)	Nitrobenzene	13.64	485	40688	50.99	ug/mL	63
17)	Isophorone	14.41	523	77673	46.21	ug/mL	38
18)	2-Nitrophenol	14.57	531	19082	66.61	ug/mL	92
19)	2,4-Dimethylphenol	14.98	551	26737	61.51	ug/mL	92
20)	bis(-2-Chloroethoxy)Methane	15.19	561	40552	52.11	ug/mL	81
21)	2,4-Dichlorophenol	15.37	570	28165	68.14	ug/mL	97
22)	1,2,4-Trichlorobenzene	15.53	578	29985	56.36	ug/mL	95
23)	Naphthalene	15.68	585	70344	55.48	ug/mL	40
24)	Hexachlorobutadiene	16.35	618	19078	61.28	ug/mL	90
25)	4-Chloro-3-Methylphenol	17.71	685	34028	93.90	ug/mL	89
26)	*ACENAPHTHENE-d10	21.08	850	25472	40.00	ug/mL	89
27)	Hexachlorocyclopentadiene	18.57	727	17279	103.38	ug/mL	90
28)	2,4,6-Trichlorophenol	19.00	748	22580	88.59	ug/mL	96
29)	2-Chloronaphthalene	19.30	763	58913	63.34	ug/mL	88
30)	2-Fluorobiphenyl (SS)	19.14	755	88640	146.23	ug/mL	96
31)	Dimethyl Phthalate	20.63	828	76755	56.89	ug/mL	73
32)	Acenaphthylene	20.59	826	85173	59.28	ug/mL	34
33)	Acenaphthene	21.20	856	57606	76.84	ug/mL	96
34)	2,4-Dinitrophenol	21.44	868	13881M	86.95	ug/mL	
35)	4-Nitrophenol	21.95	893	21385M	56.72	ug/mL	20
36)	2,4-Dinitrotoluene	21.95	893	17819	50.06	ug/mL	98
37)	2,6-Dinitrotoluene	20.77	835	20086	53.10	ug/mL	66
38)	Diethylphthalate	22.91	940	77552	51.59	ug/mL	97
39)	4-Chlorophenyl-phenylether	22.89	939	31717	64.01	ug/mL	91
40)	Fluorene	22.77	933	64153	60.98	ug/mL	86
41)	2,4,6-Tribromophenol (SS)	23.60	974	51007	276.29	ug/mL	84
42)	*PHENANTHRENE-d10	25.64	1074	57643	40.00	ug/mL	66

	Compound	R.T.	Scan#	Area	Conc	Units	q
44)	N-Nitrosodiphenylamine	23.34	961	45731	64.64	ug/mL	92
45)	4-Bromophenyl-phenylether	24.38	1012	26270	54.85	ug/mL	82
46)	Hexachlorobenzene	24.75	1030	39700	61.68	ug/mL	82
47)	Pentachlorophenol	25.36	1060	26880	74.71	ug/mL	95
48)	Phenanthrene	25.72	1078	107945	70.33	ug/mL	50
49)	Anthracene	25.87	1085	100799	59.90	ug/mL	46
50)	Di-n-Butylphthalate	28.01	1190	153793	58.72	ug/mL	85
51)	Fluoranthene	29.45	1261	125435	70.10	ug/mL	77
52)	*CHRYSENE-d12	33.98	1483	59356	40.00	ug/mL	51
53)	Terphenyl-d14 (SS)	30.86	1330	136839	99.78	ug/mL	38
54)	Benzidine	30.00	1288	45622	1142.07	ug/mL	97
55)	Pyrene	30.12	1294	132849	42.10	ug/mL	52
56)	Butylbenzylphthalate	32.63	1417	89510	56.16	ug/mL	96
57)	3,3'-Dichlorobenzidine	34.02	1485	61152	111.81	ug/mL	92
58)	Benzo(a)Anthracene	33.93	1481	151494	63.82	ug/mL	75
59)	bis(2-Ethylhexyl)Phthalate	34.65	1516	127328	60.30	ug/mL	87
60)	Chrysene	34.10	1489	137483	78.02	ug/mL	97
61)	*PERYLENE-d12	38.14	1687	74220	40.00	ug/mL	79
62)	Di-n-Octyl Phthalate	36.48	1606	234829	53.56	ug/mL	100
63)	Benzo(b)Fluoranthene	37.16	1639	208288	57.03	ug/mL	96
64)	Benzo(k)Fluoranthene	37.24	1643	130607M	61.38	ug/mL	94
65)	Benzo(a)Pyrene	38.01	1681	177641	70.73	ug/mL	98
66)	Indeno(1,2,3-cd)Pyrene	41.53	1853	241544	96.98	ug/mL	84
67)	Dibenz(a,h)Anthracene	41.63	1858	179123	93.21	ug/mL	89
68)	Benzo(g,h,i)Perylene	42.47	1899	200421	98.53	ug/mL	81

* Compound is ISTD

TOTAL ION CHROMATOGRAM



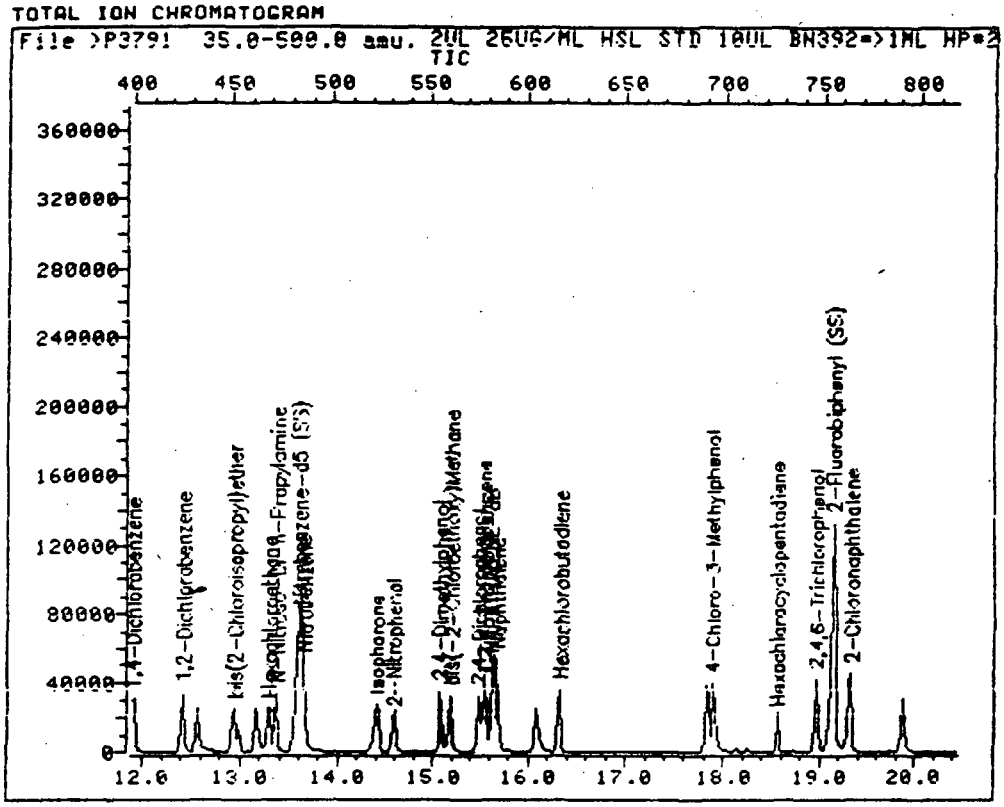
Data File: >P3791::B2 Quant Output File: ^P3791::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871123 19:23

Operator ID: GLENN
Quant Time: 871216 19:02
Injected at: 871216 18:16

TIC page 1 of 5

TOTAL ION CHROMATOGRAM



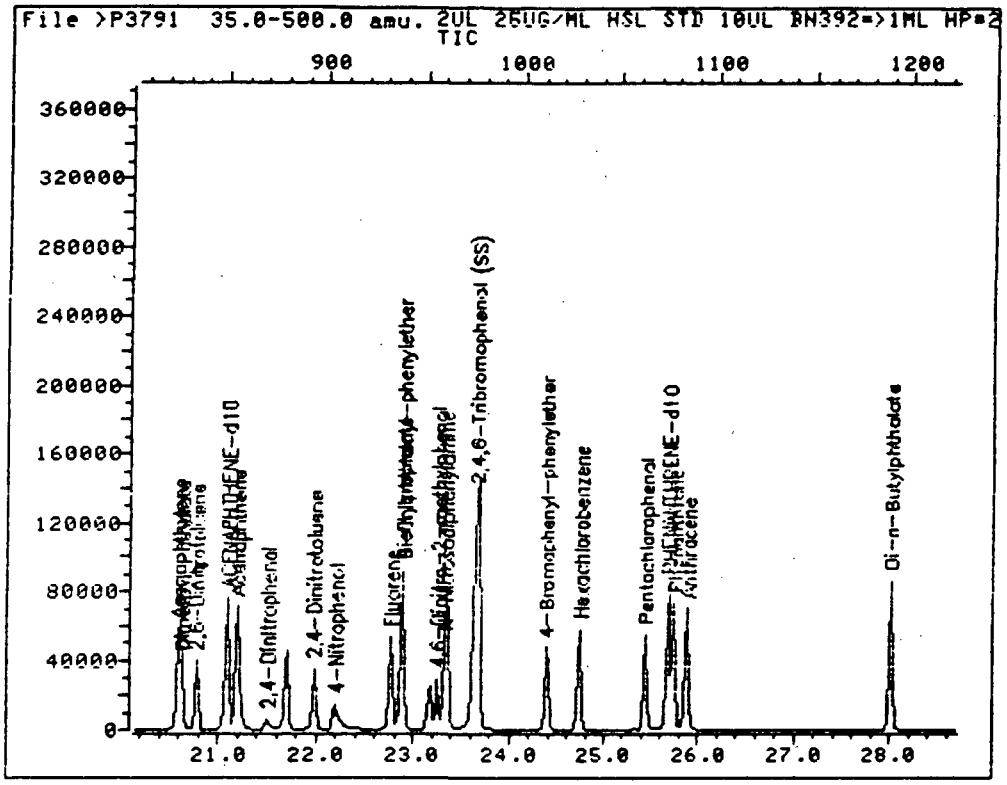
Data File: >P3791::B2 Quant Output File: ^P3791::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871123 19:23

Operator ID: GLENN
Quant Time: 871216 19:02
Injected at: 871216 18:16

TIC page 2 of 5

TOTAL ION CHROMATOGRAM



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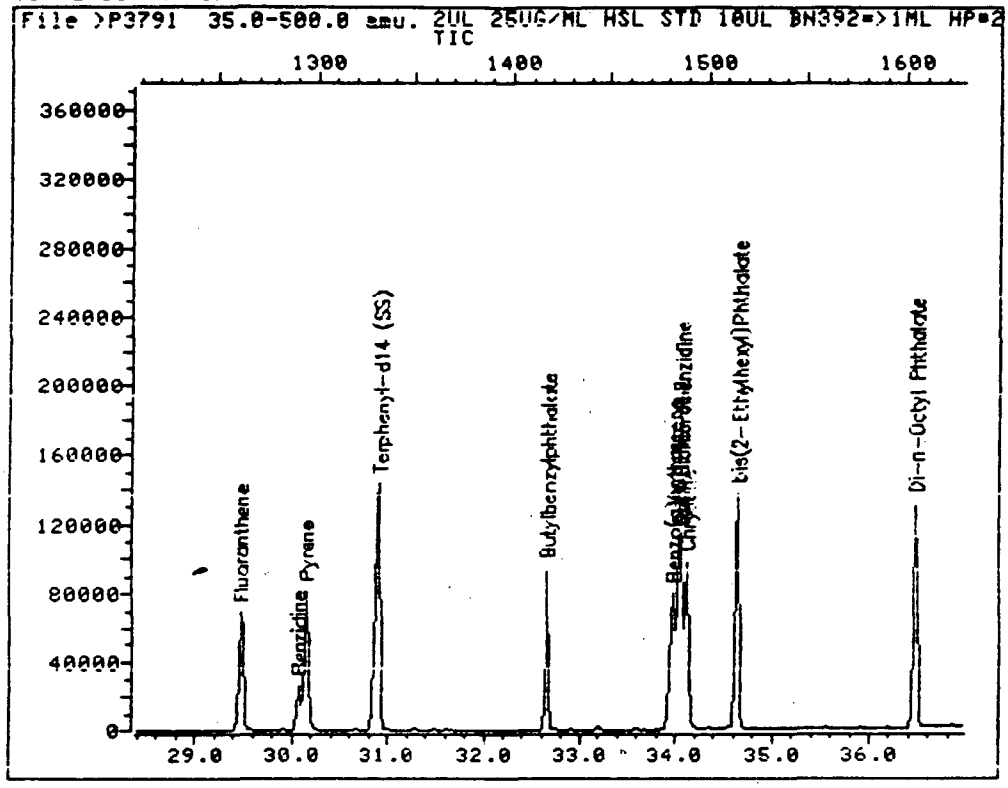
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871123 19:23

Operator ID: GLENN
Quant Time: 871216 19:02
Injected at: 871216 18:16

TIC page 3 of 5

TOTAL ION CHROMATOGRAM



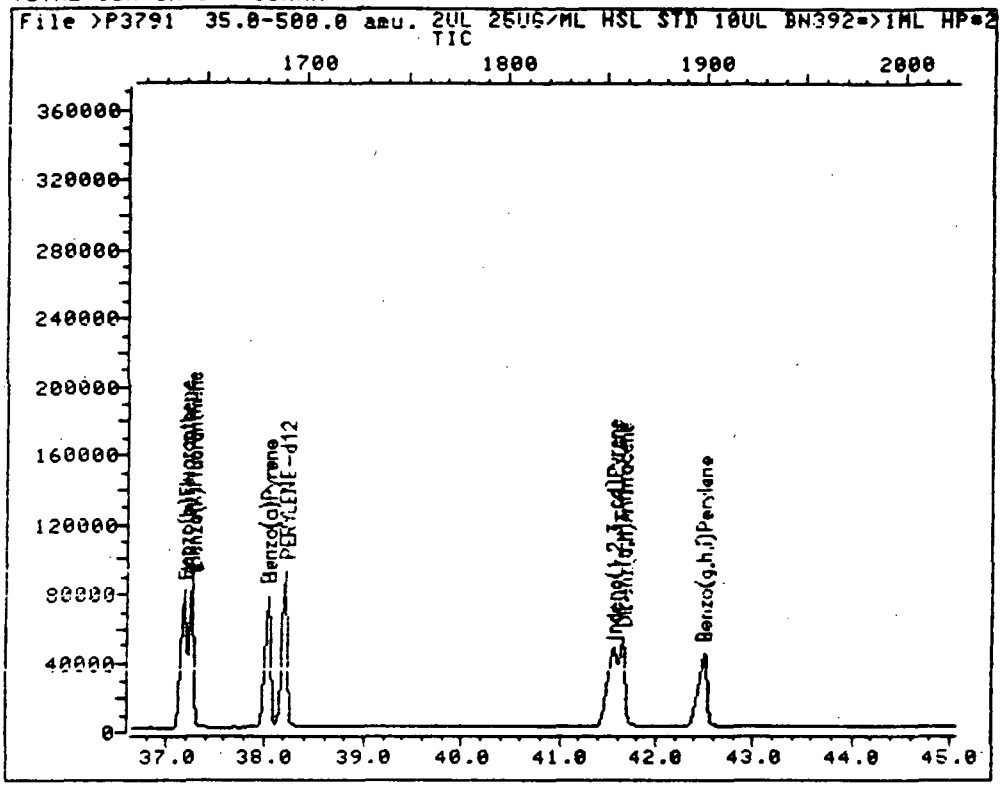
Data File: >P3791::B2 Quant Output File: ^P3791::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871123 19:23

Operator ID: GLENN
Quant Time: 871216 19:02
Injected at: 871216 18:16

TIC page 4 of 5

TOTAL ION CHROMATOGRAM



Data File: >P3791::B2 Quant Output File: ^P3791::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871123 19:23

Operator ID: GLENN
Quant Time: 871216 19:02
Injected at: 871216 18:16

TIC page 5 of 5

QUANT REPORT

Operator ID: GLENN
Output File: ^P3791::QT
Data File: >P3791::B2
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871216 19:02
Injected at: 871216 18:16
Dilution Factor: 1.00000

BTL#26

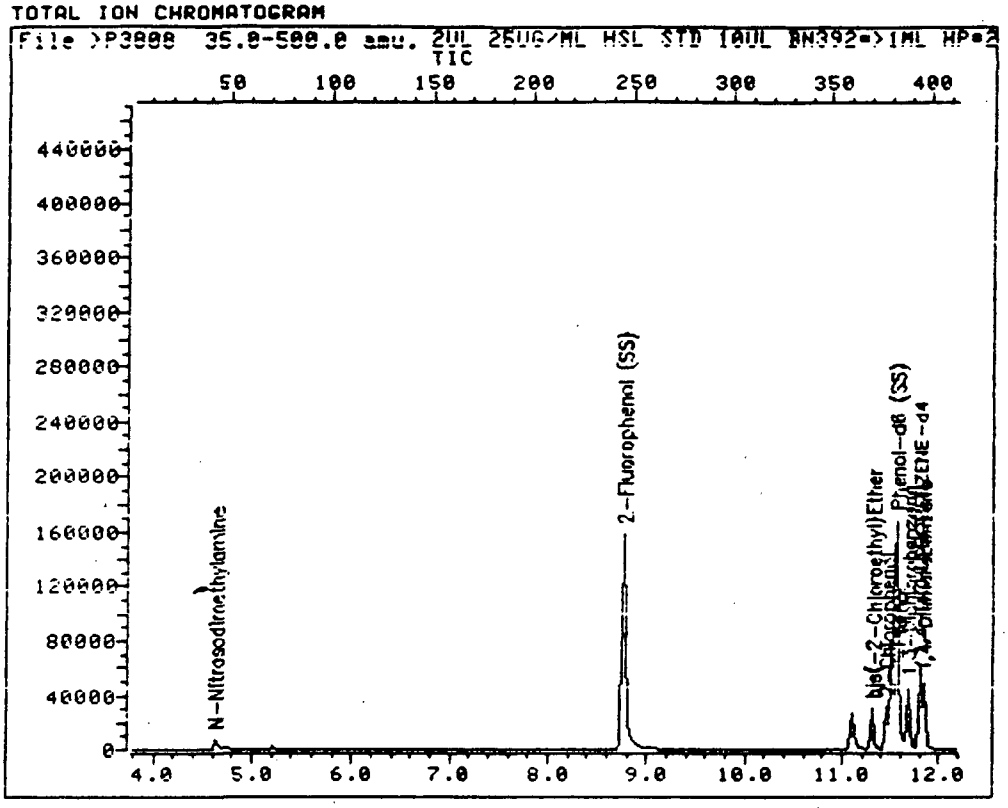
ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871123 19:23

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.85	397	16328	40.00	ug/mL	89
2)	N-Nitrosodimethylamine	4.68	45	9783	26.05	ug/mL	77
3)	2-Fluorophenol (SS)	8.83	249	89243	196.48	ug/mL	53
4)	Phenol	11.62	386	17478	24.98	ug/mL	80
5)	bis(-2-Chloroethyl)Ether	11.36	373	16515	23.12	ug/mL	78
6)	Phenol-d6 (SS)	11.60	385	136535	205.00	ug/mL	89
7)	2-Chlorophenol	11.50	380	15570	26.53	ug/mL	78
8)	1,3-Dichlorobenzene	11.73	391	16477	24.83	ug/mL	94
9)	1,4-Dichlorobenzene	11.89	399	17601	25.41	ug/mL	89
10)	1,2-Dichlorobenzene	12.42	425	17836	26.08	ug/mL	95
11)	bis(2-Chloroisopropyl)ether	12.95	451	43047M	26.78	ug/mL	
12)	N-Nitroso-Di-n-Propylamine	13.38	472	15781	29.07	ug/mL	67
13)	Hexachloroethane	13.29	468	7881	25.93	ug/mL	82
14)	*NAPHTHALENE-d8	15.62	582	61238	40.00	ug/mL	57
15)	Nitrobenzene-d5 (SS)	13.60	483	88437	113.00	ug/mL	81
16)	Nitrobenzene	13.64	485	24994	22.96	ug/mL	67
17)	Isophorone	14.39	522	42984	26.69	ug/mL	38
18)	2-Nitrophenol	14.58	531	10910	28.39	ug/mL	96
19)	2,4-Dimethylphenol	15.07	555	14539	25.08	ug/mL	87
20)	bis(-2-Chloroethoxy)Methane	15.19	561	23942	26.75	ug/mL	81
21)	2,4-Dichlorophenol	15.47	575	16704	27.32	ug/mL	98
22)	1,2,4-Trichlorobenzene	15.54	578	17423	24.67	ug/mL	95
23)	Naphthalene	15.68	585	42734	24.10	ug/mL	39
24)	Hexachlorobutadiene	16.33	617	11323	23.92	ug/mL	93
25)	4-Chloro-3-Methylphenol	17.88	693	21427	28.09	ug/mL	89
26)	*ACENAPHTHENE-d10	21.10	851	42805	40.00	ug/mL	95
27)	Hexachlorocyclopentadiene	18.55	726	10708	37.83	ug/mL	85
28)	2,4,6-Trichlorophenol	18.96	746	14701	25.78	ug/mL	99
29)	2-Chloronaphthalene	19.33	764	37001	26.45	ug/mL	89
30)	2-Fluorobiphenyl (SS)	19.14	755	120865	91.20	ug/mL	97
31)	Dimethyl Phthalate	20.63	828	45082	25.78	ug/mL	73
32)	Acenaphthylene	20.59	826	50916	24.61	ug/mL	35
33)	Acenaphthene	21.20	856	34114	24.87	ug/mL	96
34)	2,4-Dinitrophenol	21.51	871	4427	45.60	ug/mL	71
35)	4-Nitrophenol	22.20	905	11295	62.82	ug/mL	75
36)	2,4-Dinitrotoluene	21.98	894	10552	29.54	ug/mL	90
37)	2,6-Dinitrotoluene	20.77	835	12184	26.23	ug/mL	74
38)	Diethylphthalate	22.89	939	47300	24.06	ug/mL	99
39)	4-Chlorophenyl-phenylether	22.89	939	20448	24.54	ug/mL	93
40)	Fluorene	22.77	933	41059	26.96	ug/mL	87
41)	2,4,6-Tribromophenol (SS)	23.67	977	95262	203.83	ug/mL	78
42)	*PHENANTHRENE-d10	25.69	1076	99230	40.00	ug/mL	65
43)	4,6-Dinitro-2-methylphenol	23.26	957	11272	31.43	ug/mL	87
44)	N-Nitrosodiphenylamine	23.34	961	30508	28.25	ug/mL	90

47)	Pentachlorophenol	29.44	1064	16923	29.50	ug/mL	99
48)	Phenanthrene	25.75	1079	68444	25.43	ug/mL	50
49)	Anthracene	25.89	1086	70544	25.42	ug/mL	45
50)	Di-n-Butylphthalate	28.01	1190	106670	25.61	ug/mL	84
51)	Fluoranthene	29.47	1262	90821	25.56	ug/mL	71
52)	*CHRYSENE-d12	34.04	1486	120910	40.00	ug/mL	51
53)	Terphenyl-d14 (SS)	30.92	1333	248795	88.79	ug/mL	37
54)	Benzidine	30.07	1291	29809	3820.31	ug/mL	96
55)	Pyrene	30.15	1295	92955	23.40	ug/mL	49
56)	Butylbenzylphthalate	32.65	1418	57836	25.83	ug/mL	94
57)	3,3'-Dichlorobenzidine	34.06	1487	32334	39.43	ug/mL	95
58)	Benzo(a)Anthracene	33.98	1483	104911	27.65	ug/mL	75
59)	bis(2-Ethylhexyl)Phthalate	34.65	1516	92571	25.67	ug/mL	87
60)	Chrysene	34.12	1490	94869	25.99	ug/mL	99
61)	*PERYLENE-d12	38.22	1691	131057	40.00	ug/mL	78
62)	Di-n-Octyl Phthalate	36.47	1605	163792	17.08	ug/mL	100
63)	Benzo(b)Fluoranthene	37.18	1640	118575	23.62	ug/mL	95
64)	Benzo(k)Fluoranthene	37.26	1644	86124	19.41	ug/mL	96
65)	Benzo(a)Pyrene	38.04	1682	116930	27.47	ug/mL	98
66)	Indeno(1,2,3-cd)Pyrene	41.55	1854	119412	40.62	ug/mL	85
67)	Dibenz(a,h)Anthracene	41.65	1859	94151	50.45	ug/mL	90
68)	Benzo(g,h,i)Perylene	42.49	1900	95978	34.98	ug/mL	82

* Compound is ISTD

TOTAL ION CHROMATOGRAM



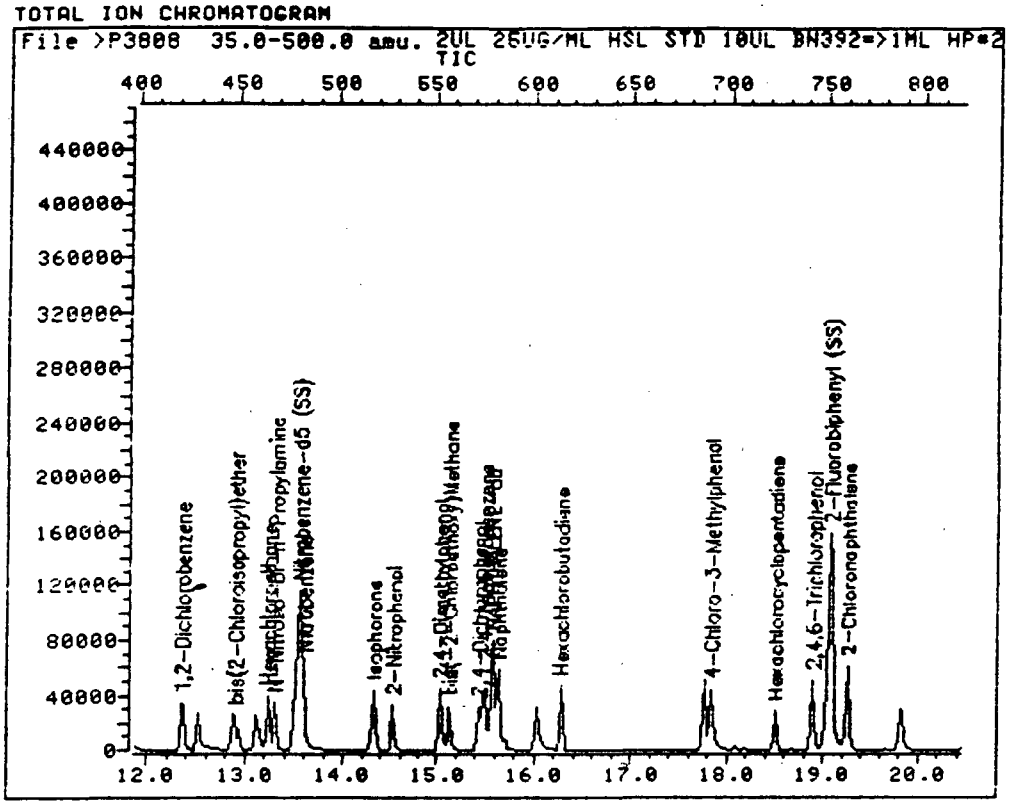
Data File: >P3808::B1 Quant Output File: ^P3808::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871217 22:36
Injected at: 871217 21:49

TIC page 1 of 5

TOTAL ION CHROMATOGRAM



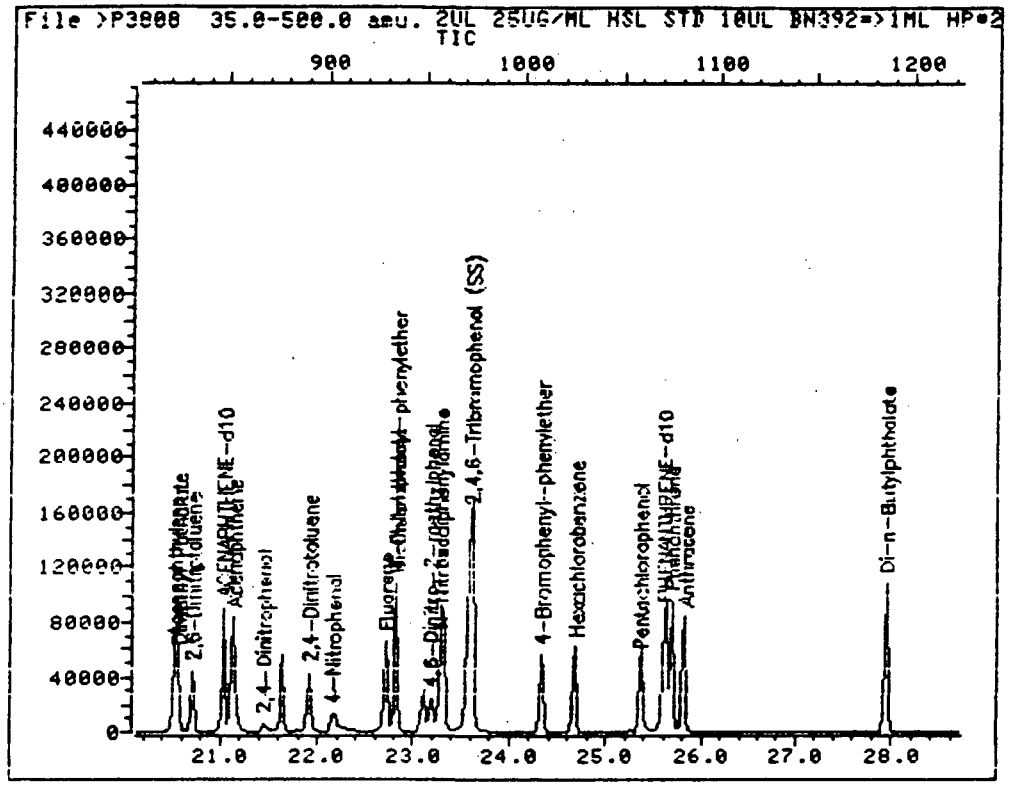
Data File: >P3808::B1 Quant Output File: ^P3808::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871217 22:36
Injected at: 871217 21:49

TIC page 2 of 5

TOTAL ION CHROMATOGRAM



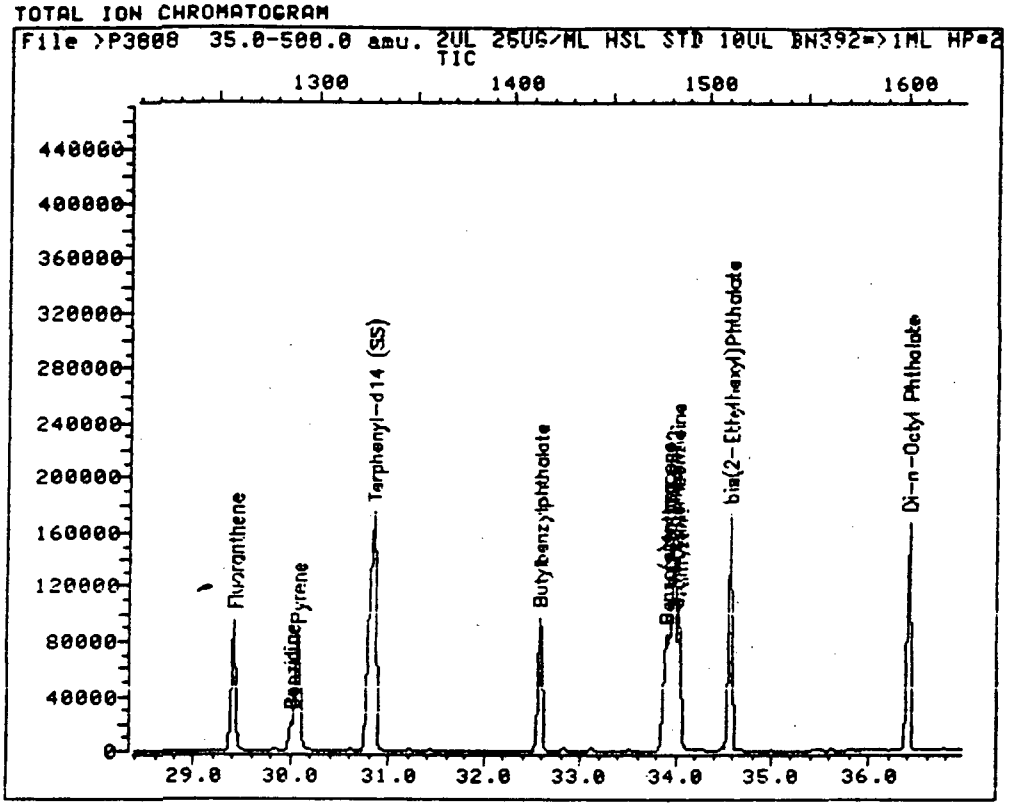
Data File: >P3808::B1 Quant Output File: ^P3808::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871217 22:36
Injected at: 871217 21:49

TIC page 3 of 5

TOTAL ION CHROMATOGRAM



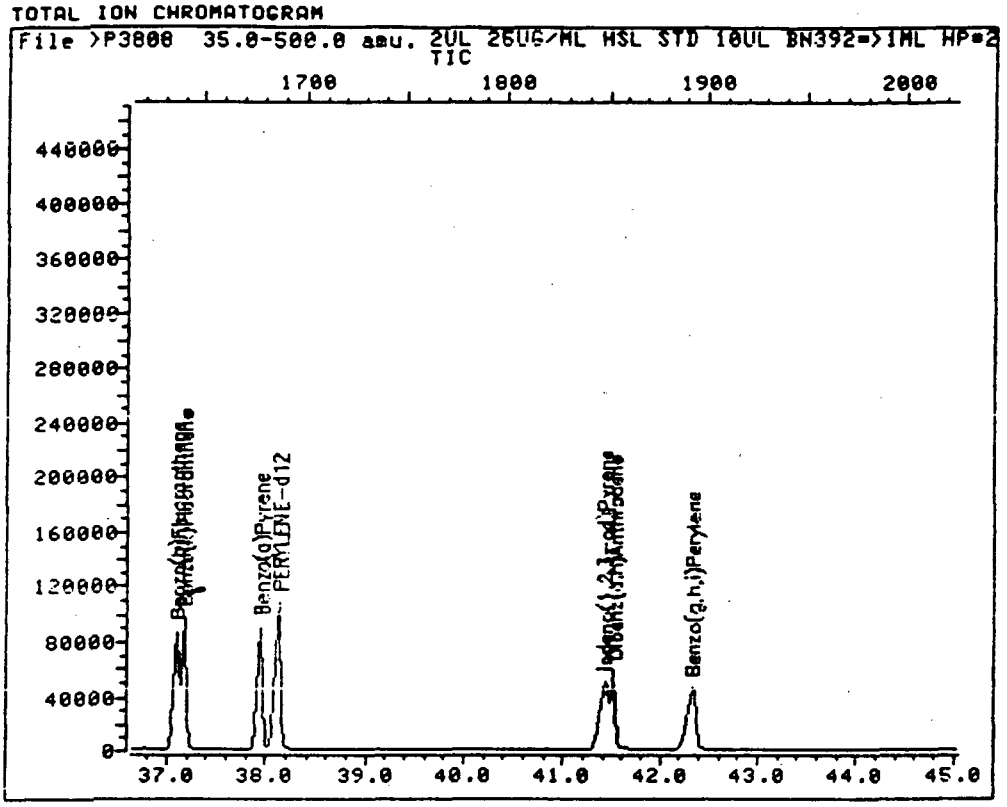
Data File: >P3808::B1 Quant Output File: ^P3808::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871217 22:36
Injected at: 871217 21:49

TIC page 4 of 5

TOTAL ION CHROMATOGRAM



Data File: >P3808::B1 Quant Output File: ^P3808::QT
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2 BTL#26

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871217 22:36
Injected at: 871217 21:49

TIC page 5 of 5

QUANT REPORT

Operator ID: GLENN
Output File: ^P3808::QT
Data File: >P3808::B1
Name: 2UL 25UG/ML HSL STD
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871217 22:36
Injected at: 871217 21:49
Dilution Factor: 1.00000

BTL#26

ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.80	395	21044	40.00	ug/mL	90
2)	N-Nitrosodimethylamine	4.63	43	11646	23.09	ug/mL	84
3)	2-Fluorophenol (SS)	8.77	246	112455	202.93	ug/mL	70
4)	Phenol	11.58	384	25183	27.95	ug/mL	82
5)	bis(-2-Chloroethyl)Ether	11.31	371	20454	24.02	ug/mL	73
6)	Phenol-d6 (SS)	11.56	383	179487	207.21	ug/mL	97
7)	2-Chlorophenol	11.46	378	21677	27.01	ug/mL	71
8)	1,3-Dichlorobenzene	11.68	389	21297	25.07	ug/mL	94
9)	1,4-Dichlorobenzene	11.84	397	22507	24.80	ug/mL	86
10)	1,2-Dichlorobenzene	12.35	422	22148	24.09	ug/mL	93
11)	bis(2-Chloroisopropyl)ether	12.90	449	44075	19.86	ug/mL	45
12)	N-Nitroso-Di-n-Propylamine	13.31	469	18516	22.76	ug/mL	82
13)	Hexachloroethane	13.23	465	10100	24.86	ug/mL	65
14)	*NAPHTHALENE-d8	15.57	580	76942	40.00	ug/mL	59
15)	Nitrobenzene-d5 (SS)	13.56	481	105058	98.12	ug/mL	82
16)	Nitrobenzene	13.60	483	35237	28.05	ug/mL	63
17)	Isophorone	14.33	519	53365	24.70	ug/mL	37
18)	2-Nitrophenol	14.53	529	13765	25.10	ug/mL	96
19)	2,4-Dimethylphenol	15.02	553	18378	25.15	ug/mL	87
20)	bis(-2-Chloroethoxy)Methane	15.13	558	29266	24.32	ug/mL	83
21)	2,4-Dichlorophenol	15.43	573	20573	24.51	ug/mL	96
22)	1,2,4-Trichlorobenzene	15.49	576	20734	23.68	ug/mL	97
23)	Naphthalene	15.64	583	55721	25.94	ug/mL	39
24)	Hexachlorobutadiene	16.27	614	12371	21.74	ug/mL	87
25)	4-Chloro-3-Methylphenol	17.84	691	25941	24.09	ug/mL	94
26)	*ACENAPHTHENE-d10	21.04	848	53991	40.00	ug/mL	96
27)	Hexachlorocyclopentadiene	18.51	724	10762	19.92	ug/mL	87
28)	2,4,6-Trichlorophenol	18.90	743	17203	23.19	ug/mL	91
29)	2-Chloronaphthalene	19.26	761	44667	23.93	ug/mL	87
30)	2-Fluorobiphenyl (SS)	19.08	752	164081	113.80	ug/mL	98
31)	Dimethyl Phthalate	20.57	825	55782	24.52	ug/mL	73
32)	Acenaphthylene	20.53	823	64980	25.30	ug/mL	34
33)	Acenaphthene	21.14	853	42785	24.86	ug/mL	97
34)	2,4-Dinitrophenol	21.44	868	5602M	25.08	ug/mL	
35)	4-Nitrophenol	22.16	903	14621	25.66	ug/mL	75
36)	2,4-Dinitrotoluene	21.91	891	13975	26.25	ug/mL	93
37)	2,6-Dinitrotoluene	20.71	832	14983	24.37	ug/mL	75
38)	Diethylphthalate	22.83	936	58843	24.66	ug/mL	97
39)	4-Chlorophenyl-phenylether	22.83	936	24559	23.81	ug/mL	96
40)	Fluorene	22.71	930	49966	24.12	ug/mL	86
41)	2,4,6-Tribromophenol (SS)	23.61	974	99786	170.91	ug/mL	81
42)	*PHENANTHRENE-d10	25.60	1072	120409	40.00	ug/mL	64
43)	4,6-Dinitro-2-methylphenol	23.18	953	11374	20.79	ug/mL	91
44)	N-Nitrosodiphenylamine	23.28	958	37343	25.22	ug/mL	91

47)	Pentachlorophenol	25.36	1060	18744	22.82 ug/mL	76
48)	Phenanthrene	25.69	1076	86302	25.98 ug/mL	49
49)	Anthracene	25.83	1083	90683	26.48 ug/mL	45
50)	Di-n-Butylphthalate	27.95	1187	135846	26.24 ug/mL	84
51)	Fluoranthene	29.41	1259	106413	24.14 ug/mL	75
52)	*CHRYSENE-d12	33.96	1482	142127	40.00 ug/mL	53
53)	Terphenyl-d14 (SS)	30.84	1329	287407	98.33 ug/mL	38
54)	Benzidine	30.00	1288	27605	19.70 ug/mL	96
55)	Pyrene	30.07	1291	112608	25.76 ug/mL	50
56)	Butylbenzylphthalate	32.57	1414	72059	26.50 ug/mL	94
57)	3,3'-Dichlorobenzidine	34.00	1484	40010	26.32 ug/mL	97
58)	Benzo(a)Anthracene	33.90	1479	118878	24.10 ug/mL	75
59)	bis(2-Ethylhexyl)Phthalate	34.57	1512	108815	25.00 ug/mL	86
60)	Chrysene	34.04	1486	109662	24.58 ug/mL	98
61)	*PERYLENE-d12	38.14	1687	138960	40.00 ug/mL	78
62)	Di-n-Octyl Phthalate	36.40	1602	175173	25.22 ug/mL	100
63)	Benzo(b)Fluoranthene	37.10	1636	147919	29.41 ug/mL	94
64)	Benzo(k)Fluoranthene	37.18	1640	93206	25.52 ug/mL	92
65)	Benzo(a)Pyrene	37.95	1678	120273	24.25 ug/mL	95
66)	Indeno(1,2,3-cd)Pyrene	41.42	1848	120928	23.88 ug/mL	79
67)	Dibenz(a,h)Anthracene	41.52	1853	92004	23.04 ug/mL	93
68)	Benzo(g,h,i)Perylene	42.34	1893	99517	24.45 ug/mL	85

* Compound is ISTD

WORKING: FMP -6 on ::

PESTICIDE EVALUATION STANDARDS SUMMARY
(Page 1)

Case No.: SEMI-VOL
Contractor No.: DEC 1/86
Date of Analysis : 12/17/87

Region : V

Laboratory : HOUSTON LAB
Column : 1.5% SP2401 2250/1.95% SP2250 240 OV 100/120 SUPELCOPORT
Instrument ID : TRACOR 550

Evaluation Check for Linearity

Primary

LABORATORY ID	PS1782/72	PS1781/73	PS1780/74	
PESTICIDE	Calibration Factor Eval. Mix A	Calibration Factor Eval. Mix B	Calibration Factor Eval. Mix C	%RSD (<=)
ALDRIN	110.0	91.2	104.5	8
ENDRIN	100.4	84.8	87.5	8
(1) 4,4'-DDT	64.0	51.2	61.5	9
DIBUTYL CHLORENDATE	83.6	75.4	83.7	5

Evaluation Check for 4,4'-DDT/Endrin Breakdown
(percent breakdown expressed as total degradation)

PS1781	Laboratory ID	Time of Analysis	Endrin	4,4'-DDT	(2) Combined
Eval Mix B 72 Hour	73	23:19:44	0	18	10
Eval Mix B	90	09:37:35	0	15	7.7
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					

(1) SEE EXHIBIT E, SECTION 7.5.4
(1) SEE EXHIBIT E, SECTION 7.3.1.2.2.1

0021

WARNING: FMP -8 on 1:

PESTICIDE EVALUATION STANDARDS SUMMARY

(Page 1)

Case No.: SEMI-VOL Region : V Laboratory : HZM LABS

Contractor No.: Column : 1.5% SP 2250/1.95% SP 2401 on 100/120 SUPELCOPORT

Date of Analysis : 12/22/87 Instrument ID : TRACOR 550

Evaluation Check for Linearity Primary

LABORATORY ID	PS1782 /c108	PS1781 /c109	PS1780/c110	
PESTICIDE	Calibration Factor Eval. Mix A	Calibration Factor Eval. Mix B	Calibration Factor Eval. Mix C	%RSD (<= 10%)
ALDRIN	110	124.6	136.0	9
ENDRIN	91.8	89.7	110.0	9
(1) 4,4'-DDT	78.5	64.8	79.2	9
DIBUTYL CHLORENDATE	115.6	129.0	133.3	6

Evaluation Check for 4,4'-DDT/Endrin Breakdown
(percent breakdown expressed as total degradation)

PS1781	Laboratory ID	Time of Analysis	Endrin	4,4'-DDT	(2) Combined
Eval Mix B 72 Hour	109	11:54:00	0	17	10
Eval Mix B	124	13:23:23	0	18	11
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					
Eval Mix B					

PESTICIDE/PCB STANDARDS SUMMARY

Case No.: SEMI-UNI
Contractor No.:

Laboratory : HOM LABS
GC Column : SP8608
GC Instrument ID : HP

	DATE OF ANALYSIS 12/28/87 TIME OF ANALYSIS 20:48:53/21:36:21 LABORATORY ID 303/304				DATE OF ANALYSIS 12/29/87 (confirmatory) TIME OF ANALYSIS LABORATORY ID 316/321			
COMPOUND	RT	RETENTION TIME WINDOW	CALIBRATION FACTOR	CONF. OR QUANT.	RT	CALIBRATION FACTOR	CONF. OR QUANT.	PERCENT DIFF.**
alpha-BHC	16.98	16.96-17.00	3443		16.98	4244		7.6
beta-BHC	19.25	19.23-19.27	1760		19.25	1841		4.6
delta-BHC	21.46	21.44-21.48	1871		21.45	2118		13
gamma-BHC (Lindane)	18.52	18.50-18.54	3044		18.52	3226		6.0
Heptachlor	21.14	21.12-21.16	4050		21.14	4147		2.0
Aldrin	22.89	22.87-22.91	4650/4946		22.89	4807/4708		3.0/5.2
Heptachlor Epoxide	24.95	24.93-25.97	3284		24.95	3301	—	0.4
Endosulfan I	26.03	26.01-26.05	3428		26.03	4083		19
Dieldrin	26.82	26.80-26.84	2268		26.82	2312		1.9
4,4'-DDE	26.57	26.55-26.59	2542		26.57	2602		2.4
Endrin	27.71	27.69-27.73	596		27.71	637		6.9
Endosulfan II	28.18	28.16-28.20	1908		28.18	1818		4.7
4,4'-DDD	27.94	27.92-28.96	1468		27.94	1514		3.1
Endosulfan Sulfate	29.43	29.41-29.45	1837		29.43	1871		1.9
4,4'-DDT	28.76	28.74-28.78	206		28.76	184		11
Methoxychlor	31.08	31.06-31.10	201		31.08	195		3.0
Endrin Ketone								
Tech. Chlordane								
alpha-Chlordane *								
gamma-Chlordane *								
Toxaphene								
Arochlor-1016								
Arochlor-1221								
Arochlor-1232								
Arochlor-1242								
Arochlor-1248								
Arochlor-1254								
Arochlor-1260								
Endrin Aldehyde	28.99		1769					

* SEE EXHIBIT E, PART 7

** CONF. = CONFIRMATION (<25% DIFFERENCE)
QUANT. = QUANTITATION (<15% DIFFERENCE)

1202

WARNING: FMP -6 on 1:

PESTICIDE EVALUATION STANDARDS SUMMARY

(Page 1)

Case No.: SEMI-VOL Region : V Laboratory : HZM LABS
Contractor No.: Column : SPB608
Date of Analysis : 12/28/87 Instrument ID : HP

Evaluation Check for Linearity Confirmatory

LABORATORY ID	PS1782/300	PS1781/301	PS1780/302	STD
PESTICIDE	Calibration Factor Eval. Mix A	Calibration Factor Eval. Mix B	Calibration Factor Eval. Mix C	%RSD (<= 20%)
ALDRIN	5639 *	4097 *	4374 *	—
ENDRIN	773	814	STD ~~546~~ 546	20
(1F) 4,4'-DDT	225	233	164	18
DIBUTYL CHLORENDATE	1390	1335	930	21

* Includes area for phthalate contamination

1203

Evaluation of Retention time Shift for: Dibutyl Chlorendate
Report all standards, blanks and samples

Primary

NYSDEC Sample No.	Lab I.D.	Time of Analysis	Percent Diff.	NYSDEC Sample No.	Lab I.D.	Time of Analysis	Percent Diff.
PS1782	72	12/17/87 22:43:31	—				
PS1781	73	23:19:44	0.13				
PS1780	74	23:55:57	0.038				
PS1788	75	12/18/87 00:32:13	0.91				
PS1789	76	01:08:44	0.42				
PS1732	77	01:45:03	*				
PS1730	78	02:21:23	*				
PS1761	79	02:57:40	*				
PS1763	80	03:34:03	*				
PS1766	81	04:10:20	*				
PS1764	82	04:46:40	*				
PS1767	83	05:22:59	*				
PS1798	84	05:59:18	*				
FieldBlank	85	06:35:43	-0.53				
MW#6	86	07:12:03	-1.07				
MW#4B	87	07:48:22	-0.80	—			
MW#3A	88	08:24:49	-1.27				
FieldBlank	89	09:01:08	-1.24				
PS1781	90	09:37:35	2.99				
MW#3C	91	10:15:14	-0.35				
MW#4A	92	10:53:56	-0.30				
MW#3B	93	11:31:03	-3.28				
MW#2	94	12:08:18	-4.34				
FieldBlank	95	12:47:56	-4.25				
PS1788	96	13:26:37	-3.93	*	Standard solution does not contain DBC		

1984

Evaluation of Retention time Shift for Dibutyl Chlorendate
Report all standards, blanks and samples

Primary

NYSDEC Sample No.	Lab I.D.	Time of Analysis	Percent Diff.	NYSDEC Sample No.	Lab I.D.	Time of Analysis	Percent Diff.
PS1782	108	12/22/87 11:17:48	—				
PS1781	109	11:54:00	0.28				
PS1780	110	12:32:17	1.56				
PS1788	111	13:10:37	-3.54				
PS1789	112	13:48:06	0.099				
PS1732	113	14:24:47	*				
PS1730	114	15:01:04	*				
PS1761	115	15:37:20	*				
PS1764	116	16:13:37	*				
PS1767	117	16:49:54	*				
PS1798	118	17:26:08	*				
METHOD BLANK229	119	12/23/87 10:19:36	-1.82				
MW#4C	120	10:55:55	-3.90				
MW#1A	121	11:32:15	-3.36				
MW#1B	122	12:10:03	-1.25				
METHOD Blank 230	123	12:47:03	-3.05	—			
PS1781	124	13:23:23	-0.55				
METHOD BLANK468	125	13:59:44	2.17				
MW#1C	126	14:37:06	0.062				
MATRIX SPIKE MW#1C	127	15:14:14	-2.77				
MATRIX SPIKE DUPLICATE MW#1C	128	15:50:42	-1.57				
METHOD BLANK228	129	16:27:10	-2.52				
PS1789	130	17:20:05	-1.68				

* Standard solution does not contain DBC

1205

Evaluation of Retention time Shift for: Dibutyl Chlorendate
Report all standards, blanks and samples

Confirmatory

NYSDEC Sample No.	Lab I.D.	Time of Analysis	Percent Diff.	NYSDEC Sample No.	Lab I.D.	Time of Analysis	Percent Diff.
PS1782	300	12/28/87 18:27:39	—				
PS1781	301	19:14:46	0.03				
PS1780	302	20:01:42	0.07				
PS1788	303	20:48:53	0.03				
PS1789	304	21:36:21	0.03				
METHOD BLANK 226	305	22:24:15	0.03				
METHOD BLANK 446	306	23:12:27	0.03				
~~METHOD BLANK 772~~	~~307~~	~~12/29/87 00:00:41~~	STD				
MW#1C	308	00:48:53	0.03				
MW#4A	309	01:37:02	0.07				
PS1781	310	02:25:06	0.03				
MW#4C	311	03:13:15	0.03				
MW#1A	312	04:01:07	0.03				
MW#3C	313	04:48:57	0.03				
MW#3B	314	05:36:58	0.03				
MW#6	315	06:25:07	0.03	—			
PS1789	316	07:13:04	0.03				
MW#4B	317	08:01:09	0.03				
MW#2	318	08:49:20	0.03				
MW#1B	319	09:37:10	0.03				
PS1781	320	10:24:28	0.03				
PS1789	321	11:11:46	0.07				

1206

PESTICIDE/PCB STANDARDS SUMMARY

Case No.: SEMI-UNI
Contractor No.:

Laboratory : HZH LABS
GC Column : 1.5% SP2250/1.95% SP2401 on 100/120 SUPELCOPORT
GC Instrument ID : TRACOR 550

Primary

	DATE OF ANALYSIS 12/18/87				DATE OF ANALYSIS 12/18/87			
	TIME OF ANALYSIS 00:32 / 13/01:08:44				TIME OF ANALYSIS 13:26:37			
	LABORATORY ID 075/076				LABORATORY ID 096			
COMPOUND	RT	RETENTION TIME WINDOW	CALIBRATION FACTOR	CONF. OR QUANT.	RT	CALIBRATION FACTOR	CONF. OR QUANT.	PERCENT DIFF.**
alpha-BHC	12.330	12.29 - 12.38	97.3					
beta-BHC	13.278	13.21 - 13.34	46.4					
delta-BHC	13.748	13.72 - 13.81	67.3					
gamma-BHC (Lindane)	12.930	12.90 - 13.02	SSD 101.6		12.946	117		15
Heptachlor	13.594	13.52 - 13.67	129.1		13.605	SSD ~~129~~ 145.8		SSD ~~2~~ 13
Aldrin	~~14.304~~ 14.284	14.22 - 14.39	113.9/126		14.336	123.3		8
Heptachlor Epoxide	16.359	16.23 - 16.49	SSD ~~97.6~~ 92.7		16.364	97.6	-	5
Endosulfan I	17.974	17.81 - 18.13	99.9		18.016	110.5		11
Dieldrin	19.658	19.46 - 19.85	84.5		19.669	95		12
4,4'-DDE	18.865	18.69 - 19.04	87.4					
Endrin	11.642	11.41 - 11.87	~~SSD~~ 64.6		11.712	80.3		15
Endosulfan II	14.046	13.77 - 14.33	73.7		14.069	92		25
4,4'-DDD	13.976	13.21 - 13.75	58.1					
Endosulfan Sulfate	21.977	21.54 - 22.42	46.7					
4,4'-DDT	16.335	16.01 - 16.66	49.0		16.442	57.3		17
Methoxychlor	30.421	29.81 - 31.03	46.1		30.564	62.3		35
Endrin Ketone	29.278	28.69 - 29.86	131.5					
Tech. Chlordane	6.868	6.72 - 7.00	45.6					
alpha-Chlordane *								
gamma-Chlordane *								
Toxaphene								
Arochlor-1016	3.441	3.37 - 3.51	30.1					
Arochlor-1221	2.133	2.04 - 2.10	5.7					
Arochlor-1232	3.444	3.37 - 3.51	15.3					
Arochlor-1242	3.470	3.40 - 3.54	30.9					
Arochlor-1248	3.463	3.39 - 3.53	34.0					
Arochlor-1254	11.083	10.86 - 11.30	58.4					
Arochlor-1260	24.395	23.91 - 24.88	60.1					
Endrin Aldehyde	17.997	17.64 - 18.36	64.9					

* SEE EXHIBIT E, PART 7

** CONF. = CONFIRMATION (<20% DIFFERENCE)
QUANT. = QUANTITATION (<15% DIFFERENCE)

PESTICIDE/PCB STANDARDS SUMMARY

Case No.: SEMI-UNI
Contractor No.:

Laboratory : HZM LABS
GC Column : 1.5% SP-2250/1.95% SP-2401 on 100/120 SUPELCOPORT
GC Instrument ID : TRACOR 550

PRIMARY.

	DATE OF ANALYSIS 12/22/87 TIME OF ANALYSIS 13:10:37/13:48:06 LABORATORY ID 111/112				DATE OF ANALYSIS 12/23/87 TIME OF ANALYSIS 17:20:05 LABORATORY ID 130			
COMPOUND	RT	RETENTION TIME WINDOW	CALIBRATION FACTOR	CONF. OR QUANT.	RT	CALIBRATION FACTOR	CONF. OR QUANT.	PERCENT DIFF.**
alpha-BHC	2.33	2.26-2.40	103.3		2.39	107		3.6
beta-BHC	3.28	3.21-3.35	45.0		3.37	45.5		1.1
delta-BHC	3.81	3.73-3.89	80.0		3.89	72.6		9.3
gamma-BHC	2.95	2.89-3.01	110.0					
Heptachlor	3.58	3.51-3.65	147.0					
Aldrin	4.27/4.25	4.19-4.35	124.0/150		4.34	67.8		9.6
Heptachlor Epoxide	6.36	6.24-6.48	97.2					
Endosulfan I	7.96	7.80-8.12	102.4					
Dieldrin	9.65	9.45-9.85	98.6					
4,4'-DDE	8.84	8.65-9.03	110.0		9.11	92.7		15.0
Endrin	11.64	11.40-11.88	89.0					
Endosulfan II	14.07	13.79-14.35	101.8					
4,4'-DDD	13.43	13.14-13.72	76.0		13.82	64.3		14.3
Endosulfan Sulfate	21.99	21.55-21.99	58.9		22.47	44.6		24.3
4,4'-DDT	16.39	16.07-16.71	55.4					
Methoxychlor	30.69	30.09-31.29	67.3					
Endrin Ketone	29.41	28.83-29.99	222.0		29.99	190.0		14.4
Tech. Chlordane	7.02	6.88-7.16	57.5					
alpha-Chlordane *								
gamma-Chlordane *								
Toxaphene								
Arochlor-1016	3.47	3.40-3.54	43.4					
Arochlor-1221	*	*	*					
Arochlor-1232	*	*	*					
Arochlor-1242	3.47	3.40-3.54	45.3					
Arochlor-1248	3.48	3.41-3.55	47.2					
Arochlor-1254	11.35	11.13-11.57	74.9					
Arochlor-1260	24.72	24.22-25.22	73.4					
ENDRIN ALDEHYDE	17.96	17.60-18.32	90		18.43	78.3		16.3

* SEE EXHIBIT E, PART 7

** CONF. = CONFIRMATION (<25% DIFFERENCE)
QUANT. = QUANTITATION (<15% DIFFERENCE)

* AROCHLOR 1221 & AROCHLOR 1232 RAN ON 12/18/87.

8021

PESTICIDE/PCB IDENTIFICATION

Case No.:
Contractor No.:

Laboratory : H2M LABS

	SAMPLE ID	PRIMARY COLUMN	PESTICIDE/ PCB	RT OF TENTATIVE ID	RT WINDOW OF APPROPRIATE STANDARD	CONFIRMATION COLUMN	RT ON CONFIRMATORY COLUMN	RT WINDOW OF APPROPRIATE STANDARD	GC/MS CONFIRMED (Y or N)
	MW#6	G-45	P,P'-DDT	16.143	16.01-16.66	SPB-608	—	—	
	MW#4B	G-45	P,P'-DDT	16.108	16.01-16.66	SPB-608	—	—	
	MW#3C	G-45	P,P'-DDT	15.934	16.01-16.66	SPB-608	—	—	
	MW#4A	G-45	P,P'-DDT	16.446	16.01-16.66	SPB-608	—	—	
	MW#3B	G-45	α-BHC	2.372	2.33-2.42	SPB-608	—	—	
			Heptachlor	3.601	3.54-3.73	SPB-608 STD	—	—	
			P,P'-DDT	16.465	16.34-16.99	SPB-608 STD	—	—	
	MW#2	G-45	α-BHC	2.382	2.33-2.42	SPB-608	—	—	
STD	MW#4C	G-45	α-BHC	2.344	2.33-2.42	SPB-608	—	—	
			P,P'-DDT	16.647	16.21-16.86	SPB-608 STD	—	—	
	MW#1A	G-45	α-BHC	2.355	2.33-2.42	SPB-608	—	—	
			Endosulfan I	7.971	7.90-8.22	SPB-608 STD	—	—	
			P,P'-DDT	16.644	16.21-16.86	SPB-608 STD	—	—	
	METHOD BLANK 4B	G-45	Endosulfan I	7.744	7.66-7.98	SPB-608	—	—	
			P,P'-DDT	16.061	15.72-16.37		—	—	
	MW#1C	G-45	Endrin	11.505	11.30-11.76	SPB-608	—	—	
			P,P'-DDT	15.937	15.789-16.53	# STD	—	—	

4/84

6004

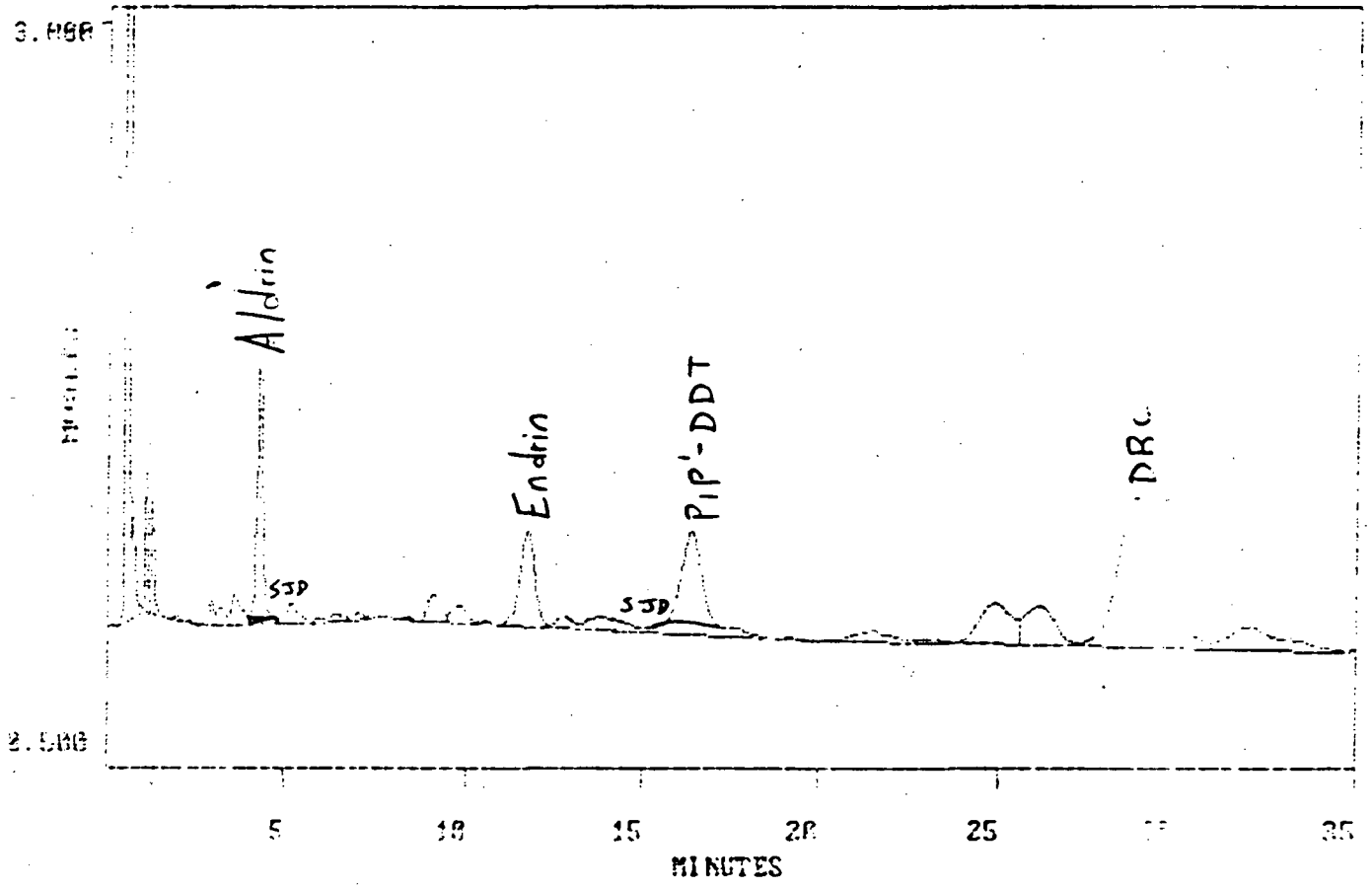
PS 1782

Evaluation Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12:30:39 Date FRI 18 DEC 87
Time 22:43:31 Date THU 17 DEC 87
Method:PESTCLP

FILE: 1:PESTC672 RANGE (MIN.): 0.000 TO 35.000



1210

Channel # : REINT Time: 12:29:39 Date: FRI 18 DEC 87

Sample name :
Data file : 1:PESTC072
Method name : PESTCLP

Author : MLR
Instrument : TRACOR 550
Column : 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes : SUPELCOPORT

Run time : 30.00 min Delay time : 0.00 min
Acq. time : 23:49:31 Acq. date : THU 17 DEC 87
Start PW : 20.00 sec End PW : 150.00 sec
Actual PW : 140.0
Sl. le code : 1.70 nA/sec

Area reject : 500
Peak width : 5

AREA PERCENT REPORT

Peak #	R.T.(min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0.562			82.653	678774	214349	BV
2	1.054			0.297	2441	502	BV
3	1.377			0.317	2601	417	VB
4	2.073			0.115	942	97	BV
5	3.177			0.127	1045	60	VV
6	3.613			0.282	2313	120	VV
7	4.328	Aldrin		1.430	SJD: 11747 11,000	944	VB
8	5.220			0.209	1715	75	BB
9	6.450			0.127	1043	25	BV
10	9.100			0.299	2376	101	BV
11	9.819			0.211	1738	61	VB
12	11.738	Endrin		1.222	10038	344	BB
13	12.724			0.203	1665	43	BV
14	13.844			0.472	3874	51	BV
15	16.469	P,P'-DDT		2.336	SSD: 19180 18000	368	VB
16	21.550			0.469	3855	38	BB
17	24.960			1.157	9502	150	BV
18	26.193			1.016	8345	140	VV
19	28.932	DBC		6.110	50177	533	VV
20	32.188			0.957	7862	80	VB
TOTALS				100.000	821233		

1211

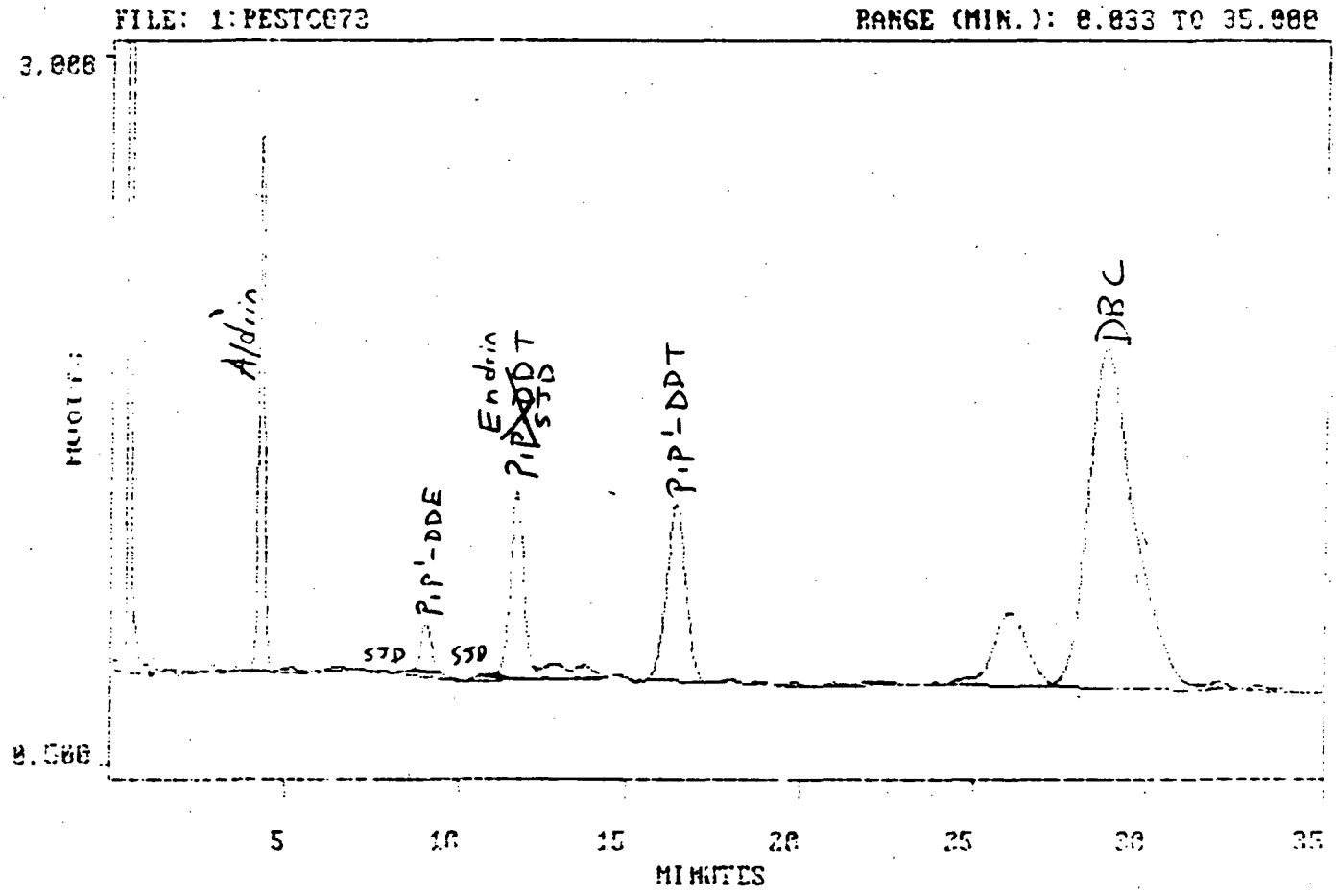
PS1781

Evaluation Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time:12 34 13 Date:FRI 18 DEC 87

Time:23 19 44 Date:THU 17 DEC 87
Method PESTCLP



Channel * REINT Time:12:33:13 Date:FRI 18 DEC 87

Sample name
Data file 1:PESTC073
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Acq time 23:19:44 Acq date THU 17 DEC 87
Start FW 20.00 sec End FW 150.00 sec
Actual FW 140.0
Slice sens [illegible]

Peak detect [illegible]
Cells plotted 1

AREA PERCENT REPORT

Peak	R.T. (min)	R/S	Peak name	Area %	Area	Peak Ht.	BI
1	9.561			74.195	421999	203748	EE
2	1.275			0.084	707	65	BE
3	4.319		Aldrin	1.719	21798	1016	VE
4	5.175			0.077	648	20	EE
5	9.965		p,p'-DDE	0.643	STD 5387 4687	198	BE
6	11.711		Endrin	2.585	STD 21866 21200	694	EE
7	12.956			0.328	2749	53	EV
8	13.800			0.249	2091	51	EE
9	16.467		p,p'-DDT	3.053	25587	650	BE
10	22.100			0.109	915	16	VE
11	26.169			2.213	18549	267	EV
12	28.894		DBC	13.496	113119	1240	VE
13	32.117			0.125	1044	23	EV
14	33.212			0.125	1046	18	EE
TOTALS				100.000	838190		

1213

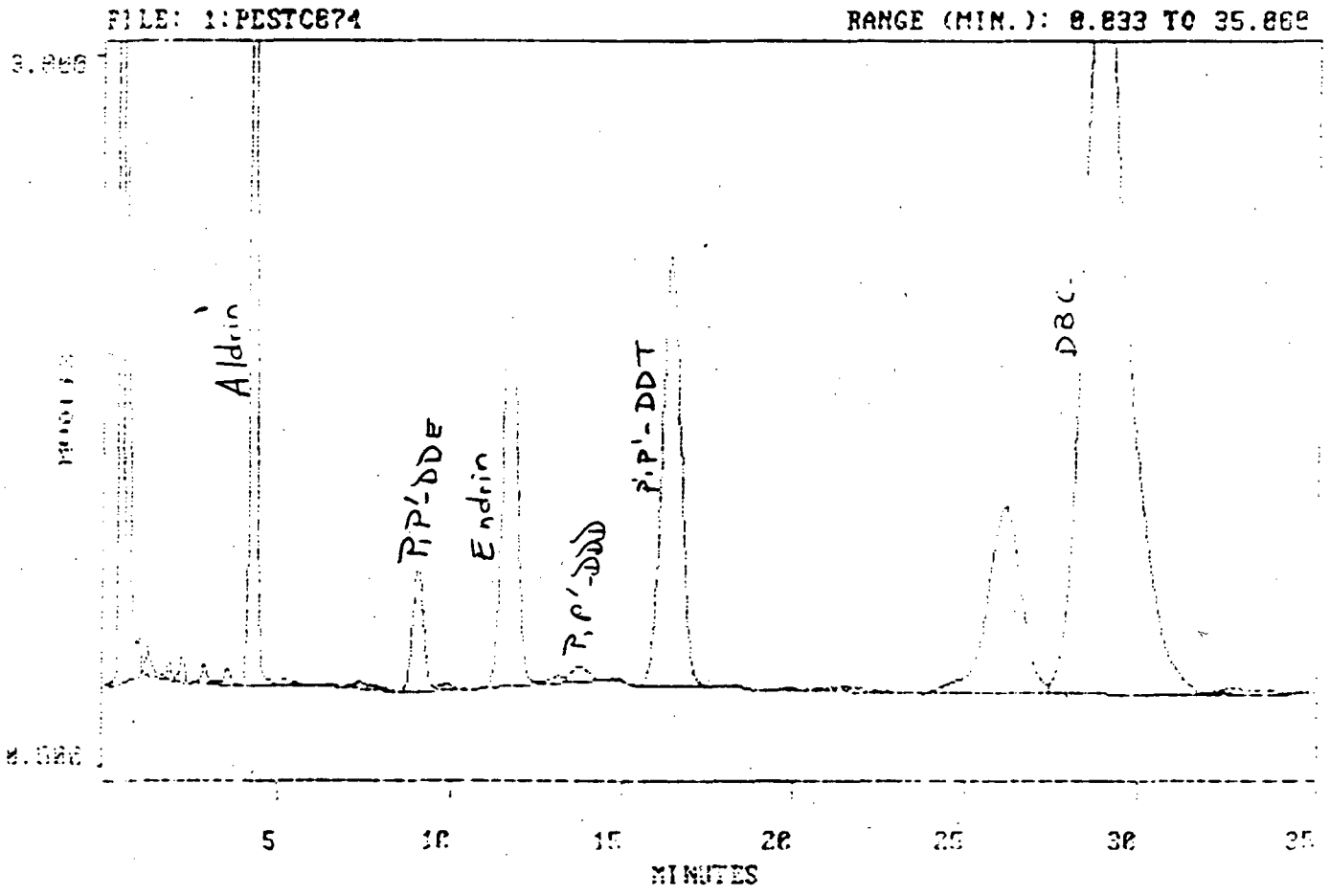
PS1780

Evaluation Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12 37 52 Date FRI 18 DEC 87

Time 23 55 57 Date THU 17 DEC 87
Method PESTCLP



Channel # RCINT Time 12:36:51 Date:FRI 18 DEC 87

Sample name
Data file 1:PESTC074
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1.5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Acq time 23:55:57 Acq date THU 17 DEC 87
Start PW 20.00 sec End PW 150.00 sec
Actual PW 140.0
[illegible] [illegible]

[illegible] 100
[illegible] [illegible]

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0.562			60.604	736379	127849	BB
2	1.047			0.109	1320	103	BV
3	1.274			0.043	526	66	VV
4	2.000			0.078	950	116	VB
5	2.934			0.070	848	69	BV
6	3.592			0.059	718	70	VB
7	4.311		Aldrin	4.301	52260	4522	BV
8	7.062			0.091	1110	28	VB
9	9.064		P,P'-DDE	0.835	10147	444	BB
10	9.980			0.053	639	22	BB
11	11.704		Endrin	3.602	43763	1563	BB
12	13.130			0.085	1028	28	BV
13	13.756		P,P'-DDD	0.168	2043	55	BB
14	16.461		P,P'-DDT	5.061	61489	1578	BB
15	21.467			0.144	1749	17	VB
16	26.177			3.837	46625	678	BV
17	28.921		DBC	20.720	251763	2863	VB
18	32.800			0.140	1702	21	BB
TOTALS				100.000	1215059		

CS 23

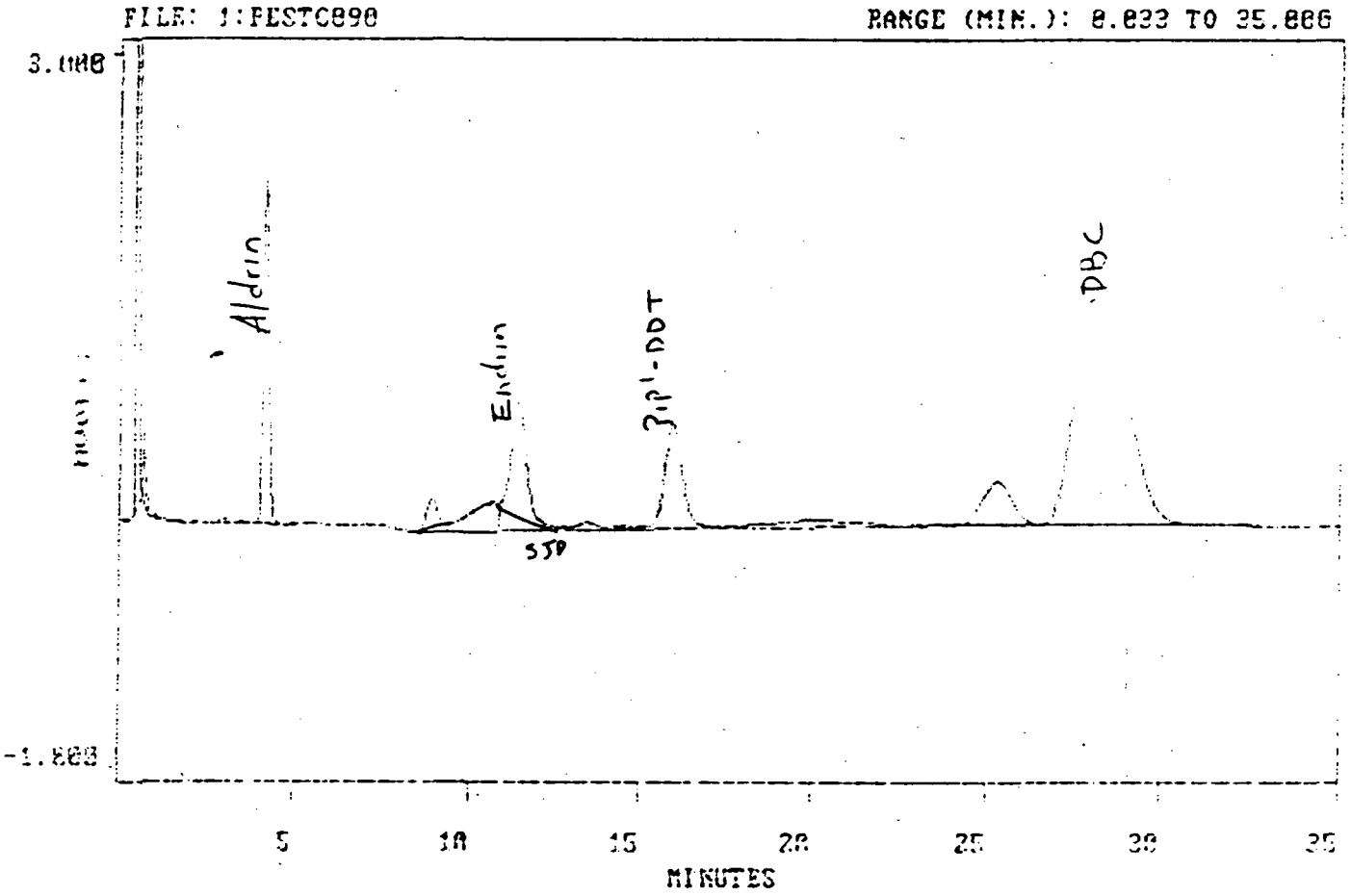
PS1781

Evaluation Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 13 41 58 Date FRI 18 DEC 87

Time 09 37 35 Date FRI 18 DEC 87
Method PESTCLP



Channel # ... REINT Time 13:41:04 Date FRI 18 DEC 87

Sample name ...
Data file ... 1 FESTC090
Method name ... PESTCLP

Author ... MLR
Instrument ... TRACOR 550
Column ... 1 5% SE-2250/1 95% SE-2401 ON 100/120
Notes ... SUPELCOPORT

Run time ... 35.00 min Delay time ... 0.00 min
Acq time ... 09:37:35 Acq date ... FRI 18 DEC 87
Start PW ... 20.00 sec End PW ... 150.00 sec
Actual PW ... 140.0
Slope sens ... 0.70 uv/sec

Std detail ... 1
peaks fnd ...

AREA PERCENT REPORT

Peak	R.T (min)	R/S	Peak name	Area %	Area	Peak Ht	DL
1	0.539			70.167	601189	174101	BB
2	0.761			0.178	1525	437	BB
3	4.249		Aldrin	2.570	22018	2046	BB
4	8.948		PipI-DDE	3.519	30153400	191	BV
5	10.709			1.155	9897	161	VV
6	11.436		Endrin	2.565	21980000	550	
7	13.474			0.212	1816		
8	14.567			0.138	1182		
9	16.043		PipI-DDT	2.684	22998		
10	20.167			2.095	17		
11	25.376			1.769	151		
12	28.067		DBC	15.548	133211		
TOTALS				100.000	856792		

28.1
28.9

4121

PS 1782

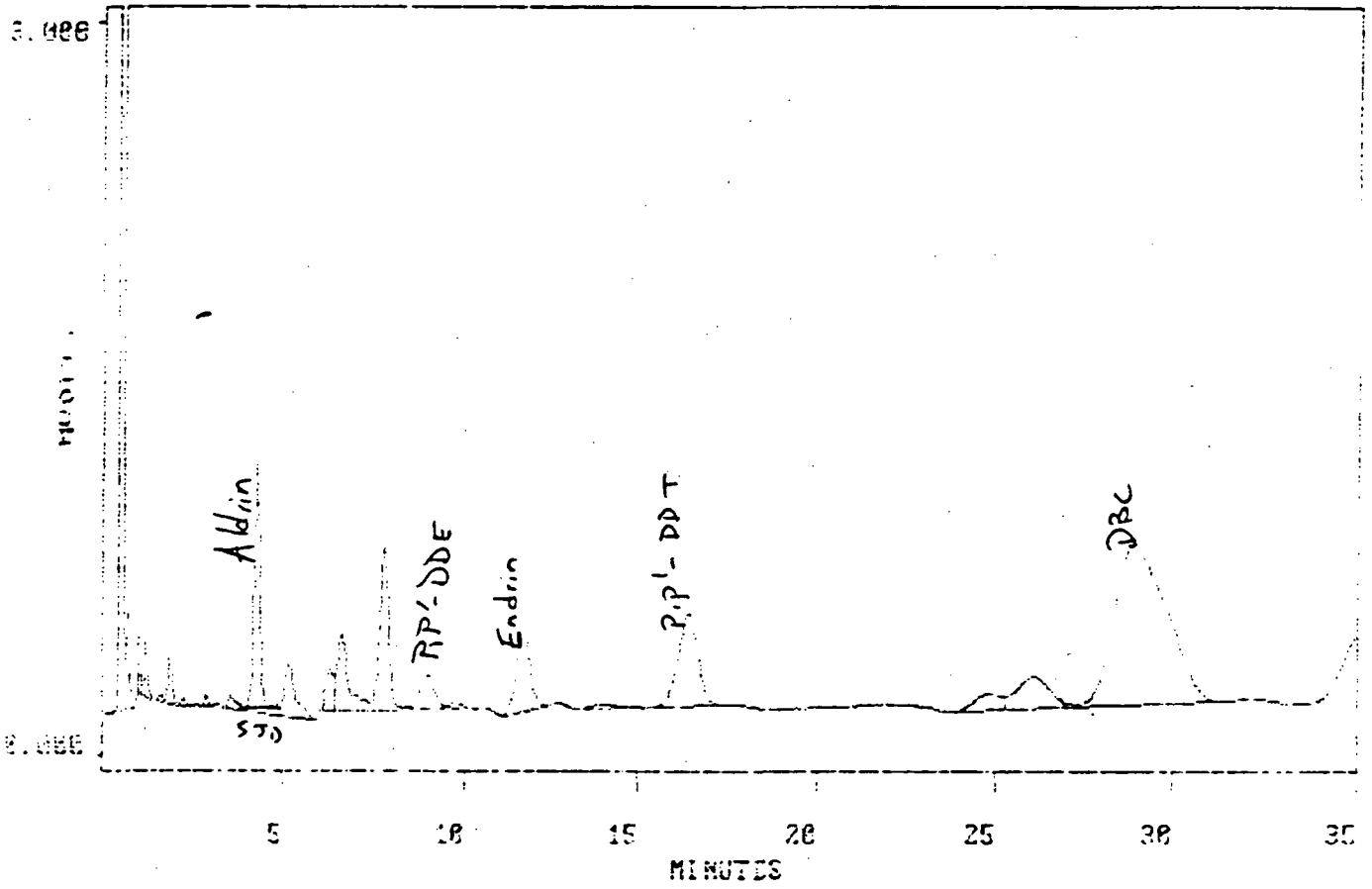
Evaluation Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 15 57 21 Date WED 23 DEC 87

Time 11 17 48 Date TUE 22 DEC 87
Method: PESTCLP

FILE: 1:PESTC168 RANGE (MIN.): 0.833 TO 35.000



12118

Channel # ... REINT Time 15:55:50 Date WED 23 DEC 87

Sample name .....
Data file 1:PESTC108
Method name ..... PESTCLP

Author MLR
Instrument TRACOR 550
Column 1.5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min. Delay time 0.00 min
Acq time 11:17:48 Acq date TUE 11 DEC 87
Start PW 20.00 sec. End PW 150.01 sec.
Actual PW 140.0
Slice sens 1.50 uv/sec

[illegible] 177
[illegible] 20

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0.514			82.952	779409	336748	BB
2	1.272			0.154	1406	281	BB
3	1.946			0.154	1412	192	VB
4	3.600			0.098	896	53	BV
5	4.302		Aldrin	1.379	12626 STD	110,000 1059	VV
6	5.179			0.490	4485	227	VB
7	6.306			0.287	2626	172	BV
8	6.612			0.775	7094	322	VV
9	7.777			1.361	12462	694	VV
10	9.002		P,P'-DDE	0.488	4466	147	VB
11	9.767			0.073	666	23	BB
12	11.686		Endrin	1.003	9181	338	BB
13	14.150			0.107	982	16	BB
14	16.428		P,p'-DDT	1.716	15708	391	BB
15	24.950			0.411	3766	66	BV
16	26.183			0.978	8953	134	VV
17	28.972		DBC	7.575	69345	686	VB
TOTALS				100.000	915481		

0129

PS1781

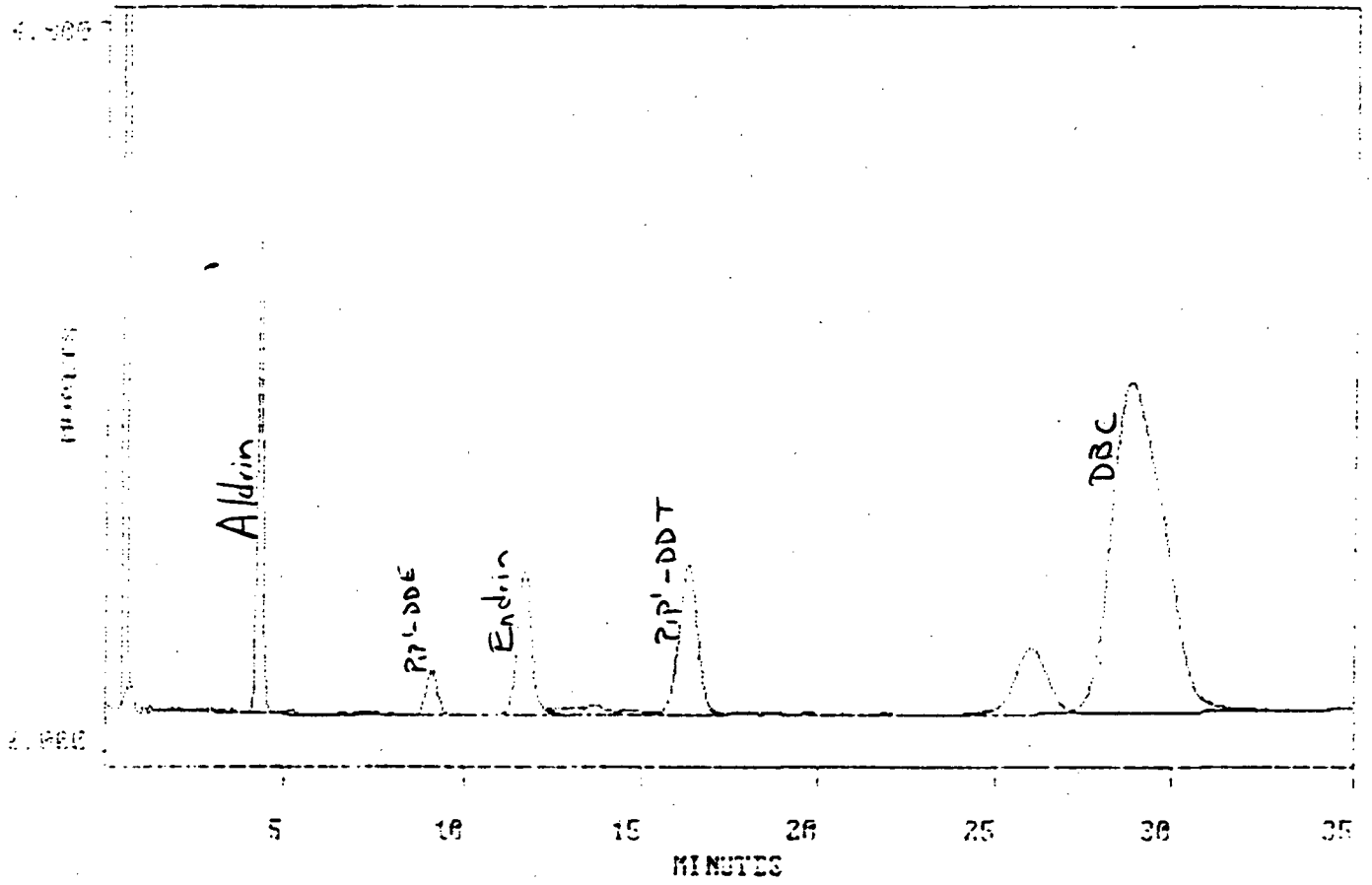
Evaluation Mix

Time 14:06:49 Date WED 23 DEC 87

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 11:54:00 Date TUE 22 DEC 87
Method PESTCLP

FILE: 1:PESTC189 RANGE (MIN.): 0.833 TO 35.000



1220

Channel # . . . . REINT Time 14:05:53 Date WED 23 DEC 87

Sample name
Data file . . . 1 PESTC109
Method name . . . PESTCLP

Author . . . MLR
Instrument . . . TRACOR 550
Column . . . 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes . . . . . SUPELCOPORT

Run time . . . 35 00 min Delay time . . . 0 00 min
Acq time . . . 11:54 00 Acq date . . . TUE 22 DEC 87
Start PW . . . 20 00 sec End PW . . . 150 00 sec
Actual PW . . . 140 0
[illegible] . . . 0 00 [illegible]

[illegible] . . . 200
[illegible] . . . 12

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	
1	0 567			70 908	772376	224729	BB
2	4 037		Aldrin	2 859	31148	2811	BV
3	7 813			0 157	1709	98	BV
4	9 112		P,P'-DDE	0 528	5754	261	BB
5	11 687		Endrin	2 058	22417	950	BB
6	13 017			0 183	1990	87	BV
7	13 717			0 206	2247	47	BV
8	14 697			0 098	1068	23	BV
9	16 359		P,P'-DDT	2 976	32416	848	VB
10	21 967			0 047	512	10	VB
11	26 087			2 216	24138	374	BV
12	28 092		DBC	17 769	193566	1877	VB
TOTALS				100 000	1089342		

121

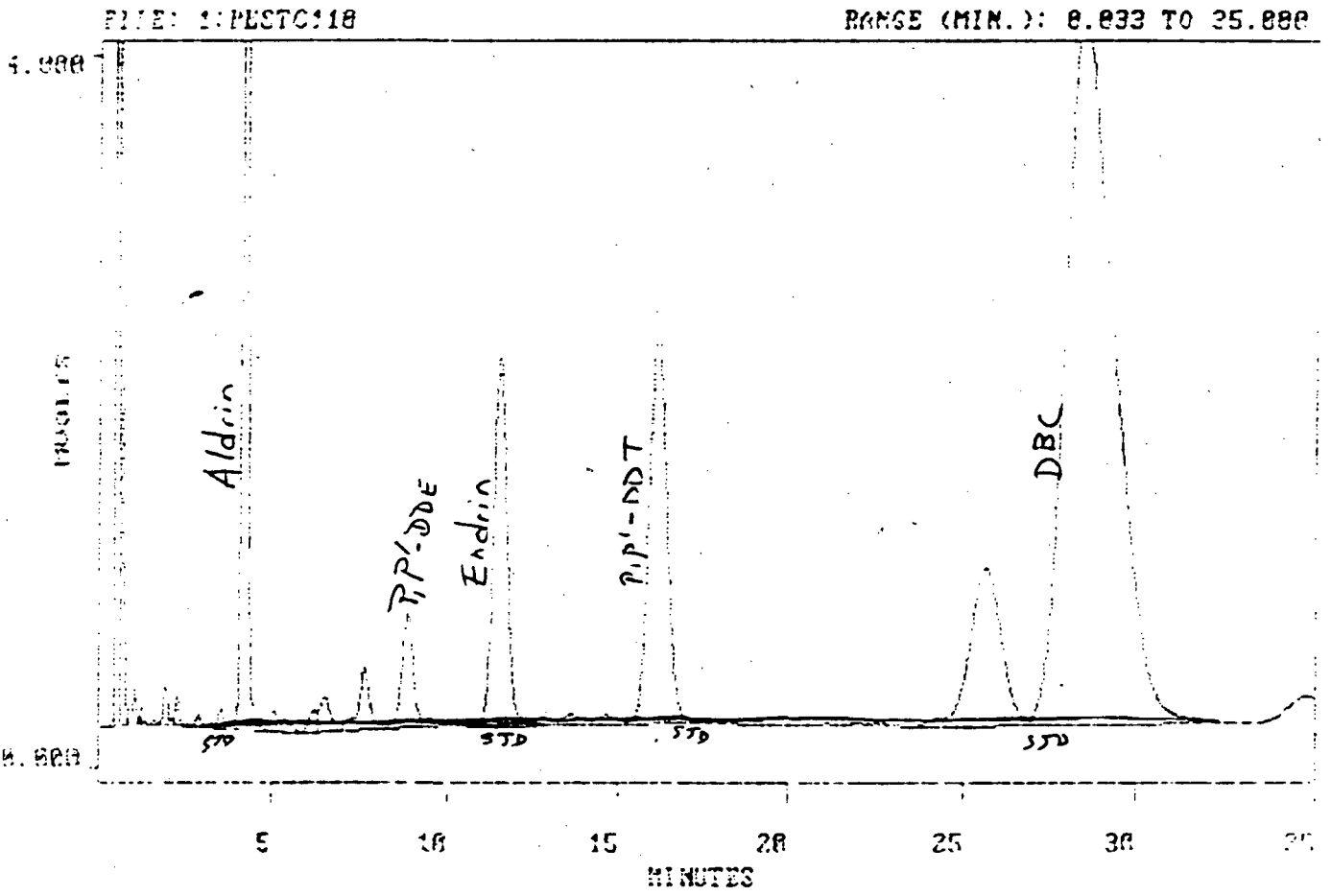
PS-1780

Evaluation Mix

RECONSTRUCT SCREEN DUMP
Date Acquisition

Time 14:12 25 Date WED 23 DEC 87

Time 12:32 17 Date TUE 22 DEC 87
Method PESTCLP



Channel # REINT Time 14:11:28 Date WED 23 DEC 87

Sample name
Data file 1 PESTC110
Method name PESTCLF

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35 00 min Delay time 0 00 min
Acq time 12 32 17 Acq date TUE 22 DEC 87
Start FW 20 00 sec End FW 150 00 sec
Actual FW 140 0
[illegible] [illegible]

[illegible] 000
[illegible] [illegible]

AREA PERCENT REPORT

Peak	R T (min)	I/S	Peak name	Area %	Area	Peak Ht	BI
1	0 557			52 847	842484	138442	BB
2	0 721			0 983	15677	2929	BB
3	1 033			0 074	1182	335	BV
4	1 830			0 040	637	111	VV
5	1 916			0 149	2375	257	VV
6	2 260			0 085	1352	172	VV
7	2 920			0 075	1203	76	VV
8	3 562			0 101	1631	107	VV
9	4 253		Aldrin	4 466	STD 71190 68000	6214	VB
10	5 089			0 239	3806	131	BB
11	6 002			0 135	2151	129	BV
12	6 317			0 288	4598	205	VV
13	7 665			0 549	8758	373	VV
14	8 084		P,P'-DDE	1 020	16268	644	VB
15	11 541		Endrin	3 626	STD 57801 56500 55,000	2167	BB
16	12 822			0 151	2402	50	BV
17	13 587			0 177	2824	64	BV
18	14 650			0 152	2429 4000	55	BV
19	16 179		P,P'-DDT	5 287	STD 84282 79000	2299	VB
20	25 741			3 709	59133	910	BV
21	28 519		DBC	25 844	STD 412001 400,000	4178	VB
TOTALS				100.000	1594186		

23

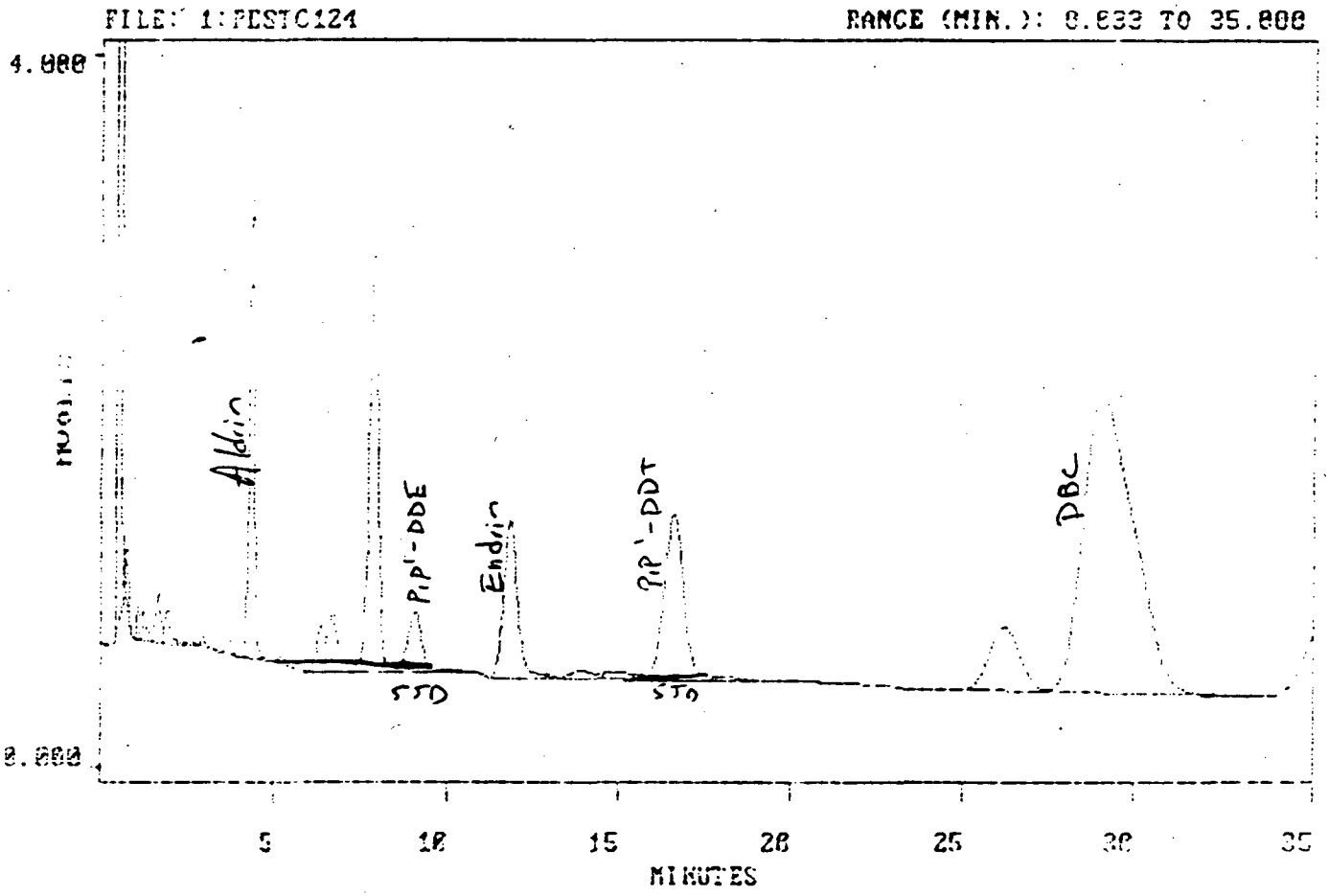
PS1781

Evaluation Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time:15 02.28 Date:WED 23 DEC 87

Time:13 23 23 Date:WED 23 DEC 87
Method PESTCLP



Channel # . . . REINT Time: 15:01:33 Date: WED 23 DEC 87

Sample name . . .
Data file 1 PESTC124
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

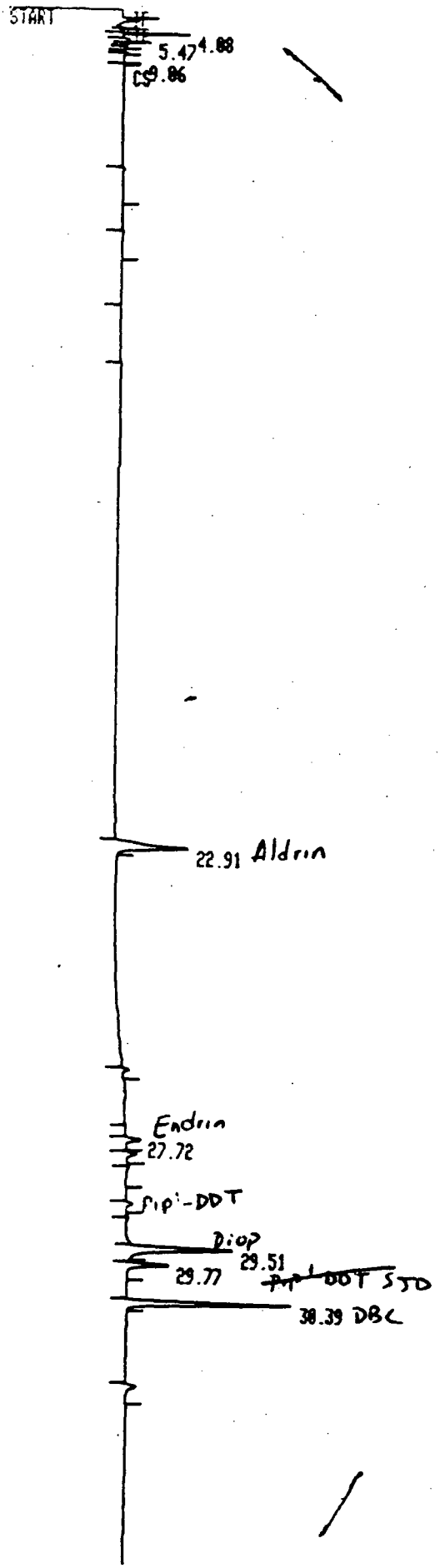
Run time 35 00 min Delay time 0.00 min
Acq time 13 23 23 Acq date WED 23 DEC 87
Start PW 20 00 sec End PW 150 00 sec
Actual PW 140 0
Slope sens 0 70 uv/sec

Area reject 0
peaks found 19

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht.	BL
1	0 575			67 283	778804	104350	BB
2	0 709			0 109	1267	368	BB
3	1 101			0 094	1088	198	BV
4	1 270			0 134	1548	195	VV
5	1 734			0 282	3259	314	VV
6	1 972			0 160	1852	211	VB
7	3 694			0 085	986	101	BB
8	4 363		Aldrin	2.592	29998	2697	BB
9	5 230			0 101	1164	36	BB
10	6 343			0 391	4529	262	BV
11	6 671			0 625	7231	332	VV
12	7 858			3 970	45953	2472	VV
13	9 095		p,p'-DDE	0 860	STD 9951 7000	334	VB
14	11 010		Endrin	2.283	26431	911	BB
15	13 950			0 246	2843	51	BV
16	14 950			0 210	2427	43	BV
17	16 599		p,p'-DDT	3.362	STD 38952 38500	955	VB
18	26 304			1.984	22970	363	BV
19	29 131		DBC	15.210	176056	1783	VB
TOTALS				100.000	1157509		

225



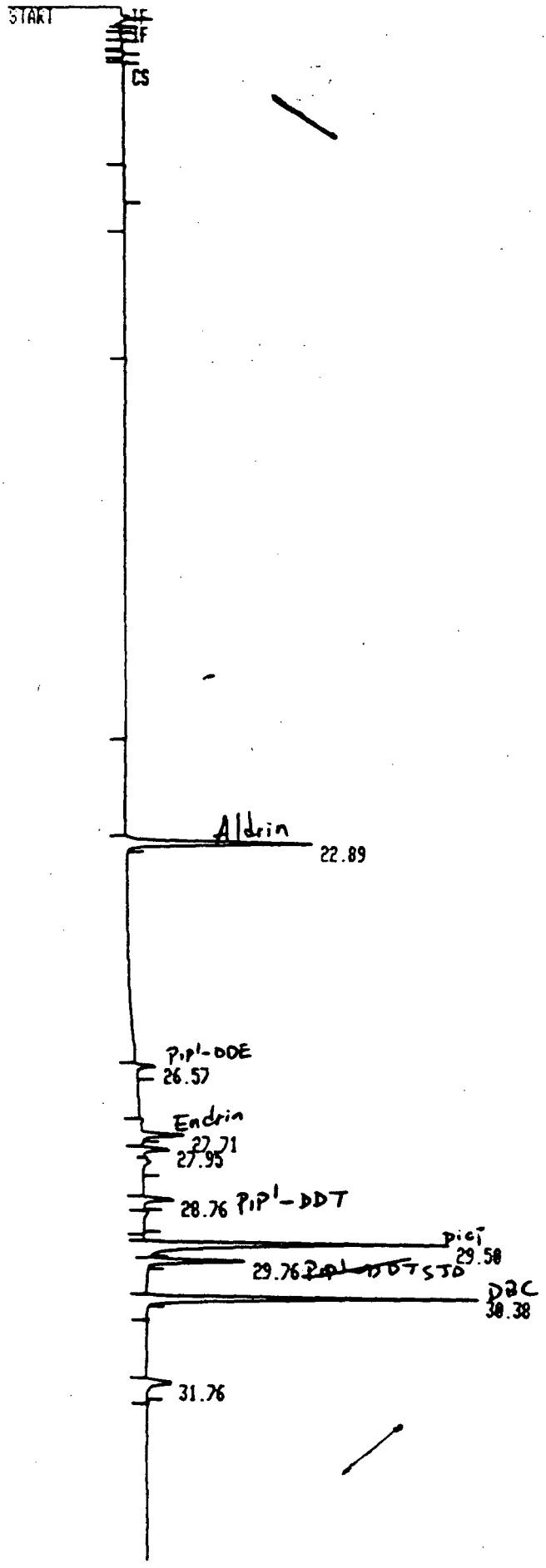
RUN # 5JD ✓ 300 DEC/28/87 18:27:39
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 1

AREA%

RT		AREA	TYPE	AR/HT	AREA%
4.88		84431	PB	0.072	14.730
5.47		15115	BB	0.039	2.637
9.06		14760	PB	0.051	2.575
22.91	Aldrin	112770	PB	0.089	19.673
27.72	Endrin	15456	PB	0.057	2.696
29.51	5JD	126670	BB	0.069	22.098
29.77	pp'DDT	37275	PB	0.054	6.503
30.39	DBC	166748	PB	0.057	29.088

PS1782

Evaluation Mix



STD
RUN # 2 301 DEC/28/87 19:14:46
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 2

AREA%

RT		AREA	TYPE	AR/HT	AREA%
22.89	Aldrin	204860	PB	0.063	17.261
26.57	P,P'-DDE	17179	PB	0.052	1.448
27.71	Endrin	40731	PB	0.056	3.432
27.95		25757	PV	0.056	2.170
28.76	P,P'-DDT	23300	PB	0.047	1.963
29.50		346480	PB	0.066	29.193
29.76		89704	BB	0.054	7.558
30.38	D2C	400380	PB	0.056	33.735
31.76		38454	BB	0.085	3.240

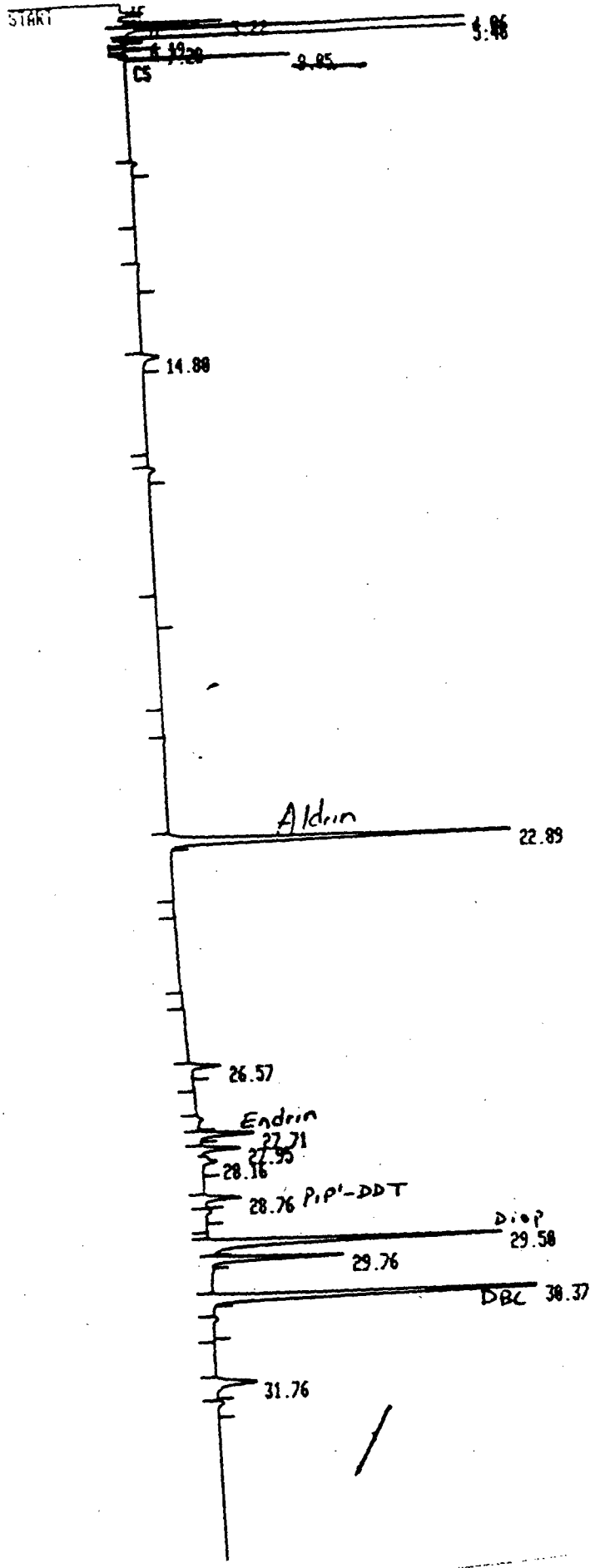
TOTAL AREA= 1186808
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RW4014::-27
CARD-PTS TRANSMITTED FILE: CP4044::-27

PS1781

Evaluation Mix

1227



STD

RUN # 302 DEC/28/87 20:01:42
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 3

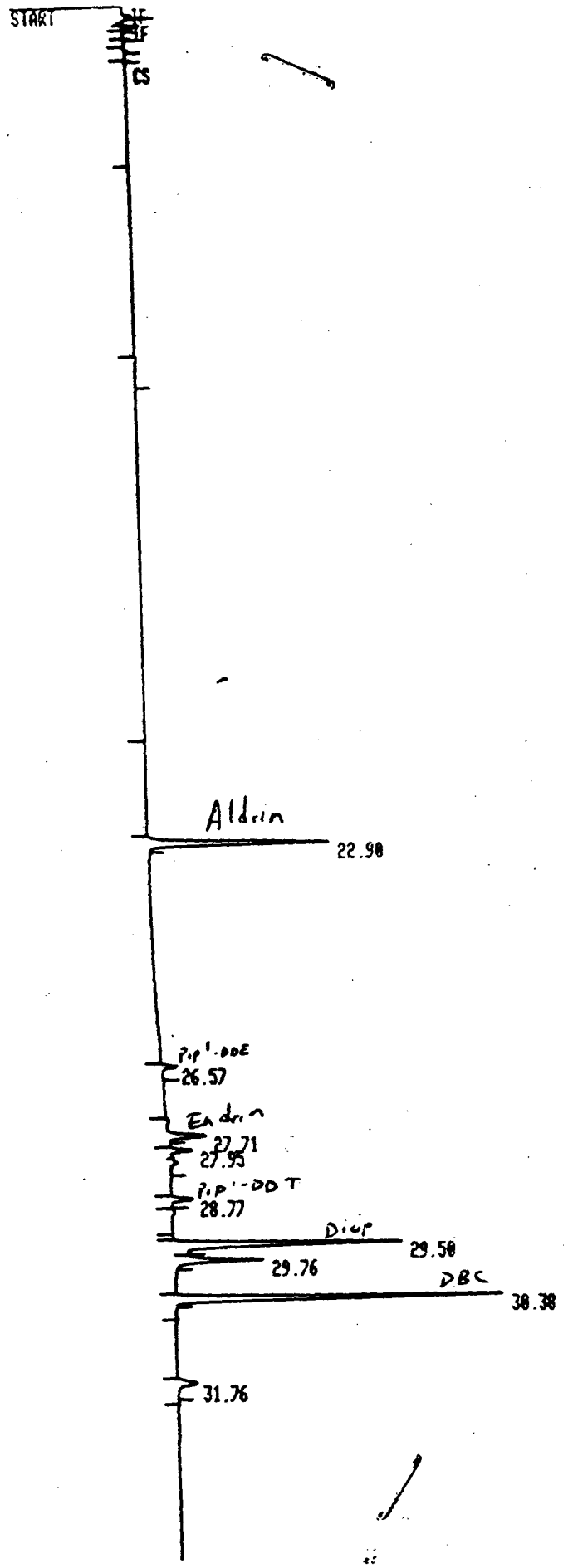
AREA%

RT		AREA	TYPE	AR/HT	AREA%
3.22		116710	BP	0.071	3.782
4.86		832150	PB	0.071	26.392
5.46		302040	PB	0.033	9.579
6.19		12950	PB	0.043	0.411
7.28		32338	PB	0.050	1.026
9.05		127680	PB	0.043	4.049
14.88		24307	PB	0.077	0.771
22.89	Aldrin	437360	PB	0.060	13.871
26.57		28768	PB	0.054	0.912
27.71	Endrin	54582	BB	0.055	1.731
27.95		38846	PV	0.056	1.232
28.16		22953	VB	0.087	0.728
28.76	P,P'-DDT	32653	PB	0.052	1.036
29.58		344780	PB	0.065	10.935
29.76		124850	PB	0.054	3.960
30.37	DBC	558100	PB	0.056	17.700
31.76		62017	PB	0.085	1.967

PS1780

Evaluation Mix

8221



STD 310

RUN # ~~11~~ DEC/29/87 02:25:06
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 11

AREA%

RT		AREA	TYPE	AR/HT	AREA%
22.98	Aldrin	202430	PB	0.863	20.019
26.57	P,P'-DDE	15917	PB	0.054	1.574
27.71	Endrin	37108	PB	0.055	3.670
27.95		23719	PV	0.057	2.346
28.77	P,P'-DDT	21947	PB	0.054	2.170
29.50		235320	PB	0.060	23.271
29.76		89620	BB	0.060	8.863
30.38	DBC	351500	PB	0.056	34.761
31.76		33643	BB	0.088	3.327

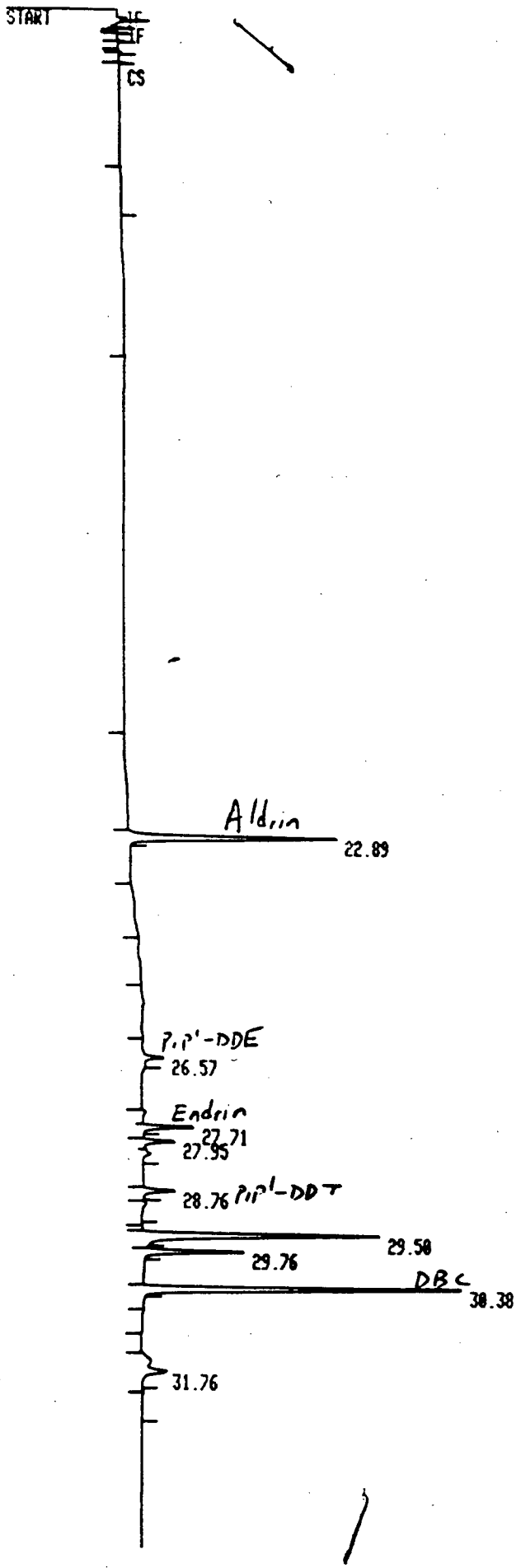
TOTAL AREA= 1011200
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RW4032::-27
CARD-PTS TRANSMITTED FILE: CP4032::-27

PS 1781

Evaluation Mix

6221



STD

RUN # 21320 DEC/29/87 10:24:28
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 21

AREA%

RT		AREA	TYPE	AR/HT	AREA%
22.89	Aldrin	224080	PB	0.860	18.719
26.57	P,P'-DDE	19511	BB	0.854	1.630
27.71	Endrin	46898	PB	0.853	3.918
27.95		31086	PV	0.856	2.597
28.76	P,P'-DDT	29296	PB	0.854	2.447
29.50		258730	PB	0.861	21.613
29.76		92829	PB	0.854	7.755
30.38	DBC	420568	PB	0.856	35.133
31.76		74073	PB	0.161	6.188

TOTAL AREA= 1197100
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RM4064::-27
CARD-PTS TRANSMITTED FILE: CP4004::-27

PS1781

Evaluation Mix

1230

PS1788

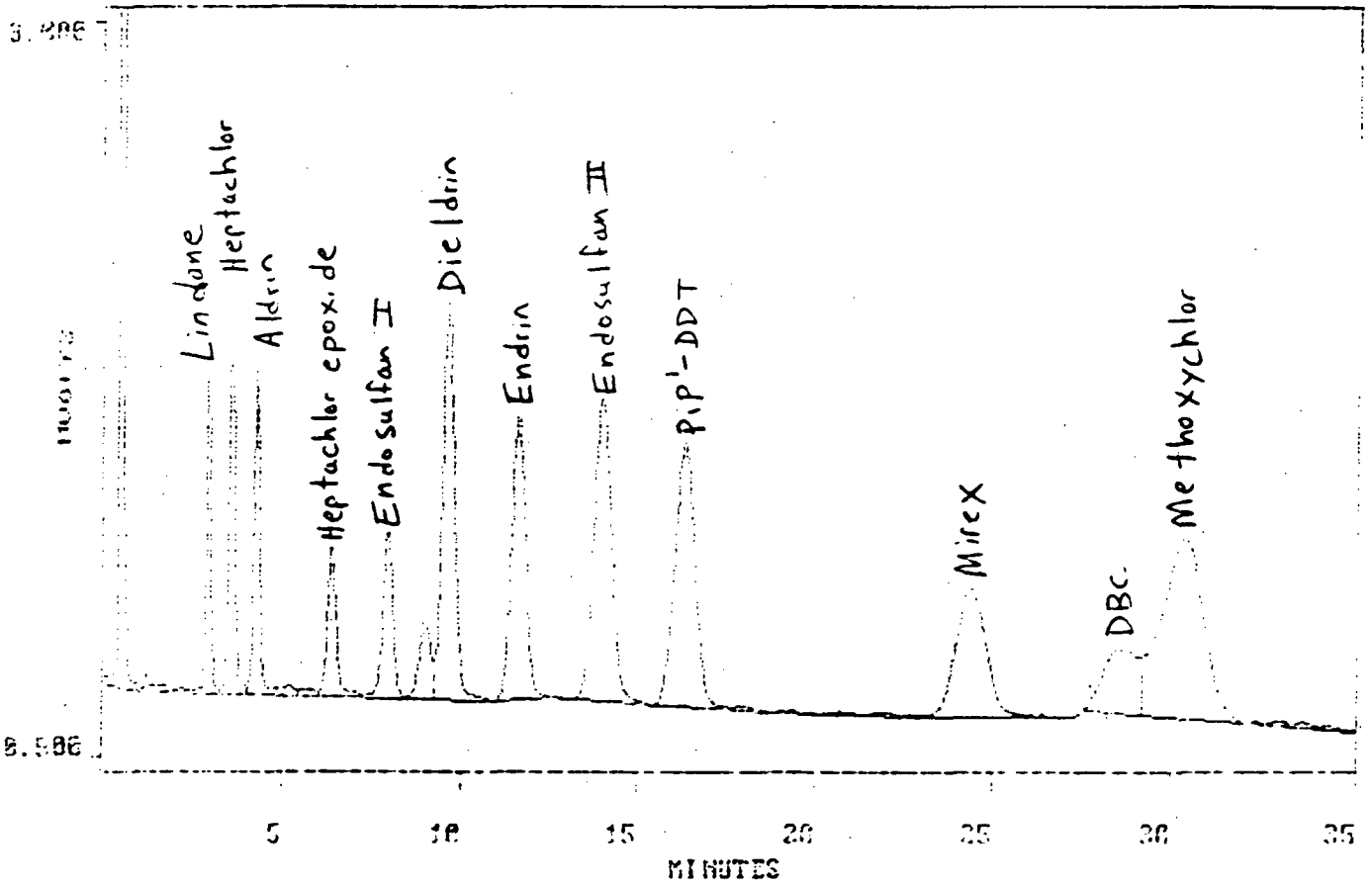
Individual Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12:41:33 Date FRI 18 DEC 87

Time 00:32:13 Date FRI 18 DEC 87
Method: PESTCLP

FILE: 1:PESTC675 RANGE (MIN.): 0.033 TO 35.000



Channel # REINT Time: 12:40:33 Date: FRI 18 DEC 87

Sample name
Data file : PESTC075
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 30.00 min Delay time 0.00 min
Acq time 00:32:13 Acq date FRI 18 DEC 87
Start FW 20.00 sec End FW 150.00 sec.
Actual FW 140.0
Slope sens [illegible]

Area reject [illegible]
Width factor [illegible]

AREA PERCENT REPORT

Peak	R T (min)	B/E	Peak name	Area %	Area	Peak Ht	SL
.	0 514			72.610	796883	344779	BV
2	1 263			0 140	1536	91	BV
3	2 177			0 064	701	25	VV
4	2 936	Lindane		0 926	10164	170	VV
5	3 594	Heptachlor		1 411	15490	1484	VV
6	4 303	Aldrin		1 245	13666	1149	VE
7	5 177			0 086	947	37	EV
8	5 650			0 081	886	29	EV
9	6 359	Heptachlor epoxide		0 844	9267	535	VV
10	7 974	Endosulfan I		1 092	11986	301	VV
11	9 026			0 561	6200	270	VV
12	9 658	Dieldrin		3 080	33800	1419	VE
13	11 642	Endrin		2 537	27848	1003	BB
14	14 046	Endosulfan II		3 358	36854	1070	EV
15	16 335	P,P'-DDT		3 351	36772	921	VB
16	24 453	Mirex		2 431	26682	449	VE
17	26 290			0 051	557	15	BB
18	28 669	DBC		1 388	15228	224	BV
19	30 421	Methoxychlor		4 632	50730	622	VE
20	33 017			0 117	1288	17	DB
TOTALS				100.000	1097485		

1232

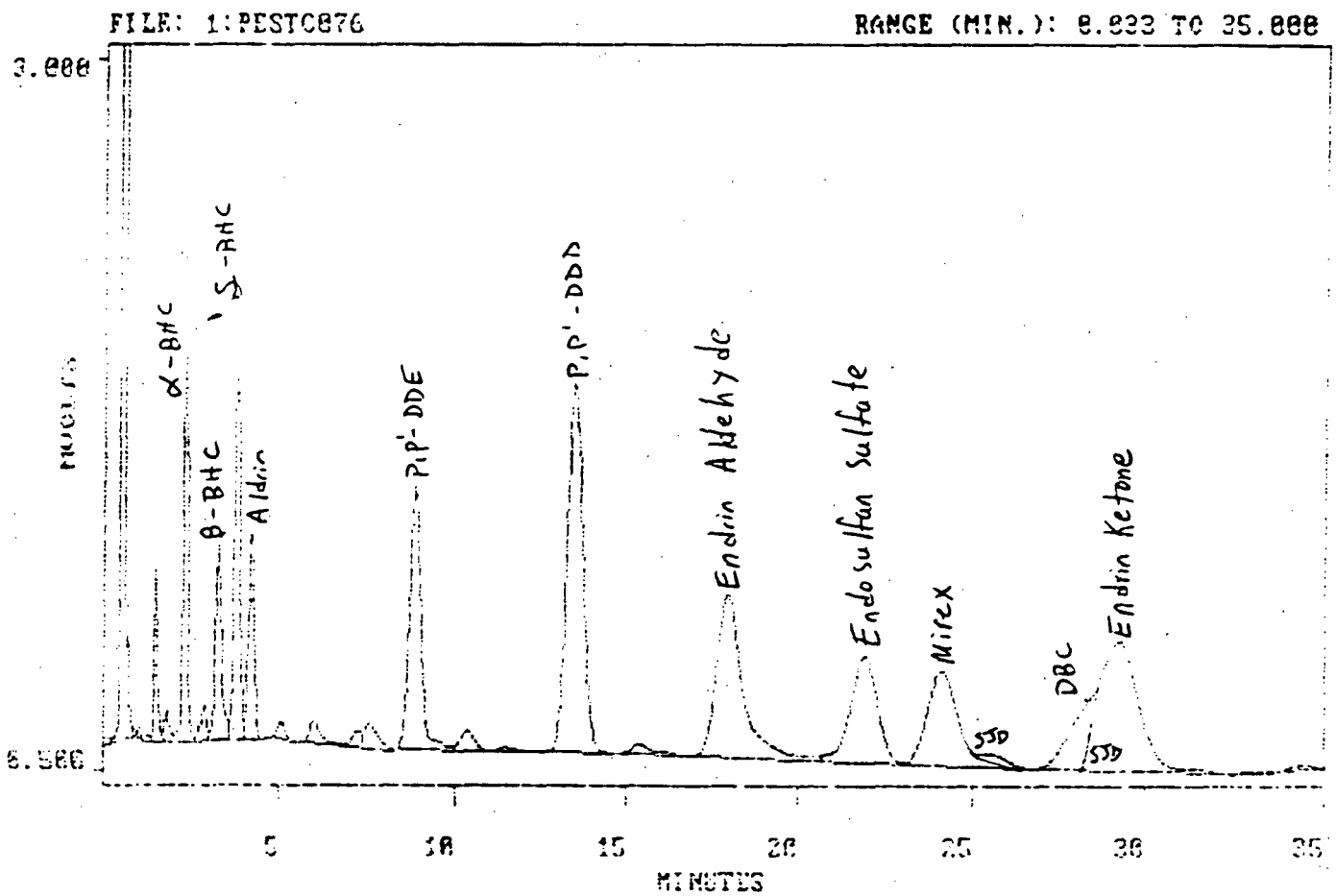
PS1789

Individual Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12 45 43 Date FRI 18 DEC 87

Time 01 08 44 Date FRI 18 DEC 87
Method PESTCLP



Channel # REINT Time: 12:44:18 Date: FRI 18 DEC 87

Sample name
Data file : FESTC076
Method name : PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min. Delay time 0.00 min.
Acq. time 01:05:44 Acq. date FRI 18 DEC 87
Start PW 20.00 sec. End PW 150.00 sec.
Actual PW 140.0
Slice secs 0.20 Wt sel
Area cutoff 300
Height cutoff 20

$RT_{DBC} = 0.727 \times 29.275 = 28.81$

AREA PERCENT REPORT

Peak	R T (min)	R S	Peak name	Area %	Area	Peak Ht	BL
1	0.556			77.697	892638	241560	VB
2	1.511			0.369	4241	651	VE
3	1.822			0.095	1095	104	EV
4	2.330		α-BHC	1.270	14589	2012	VV
5	2.894			0.138	1580	159	VV
6	3.270		β-BHC	0.703	8071	721	VV
7	3.798		δ-BHC	1.463	16813	1620	VV
8	4.224		Aldrin	0.752	8639	762	VE
9	5.096			0.073	834	61	BB
10	6.017			0.164	1883	85	EV
11	7.263			0.086	993	69	VV
12	7.600			0.198	2275	90	VE
13	8.865		P,P'-DDE	1.902	21851	958	EV
14	10.375			0.169	1943	74	VE
15	13.476		P,P'-DDD	3.790	43540	1350	BB
16	15.400			0.159	1822	38	BB
17	17.997		Endrin Aldehyde	2.825	32461	591	BV
18	21.977		Endosulfan Sulfate	1.830	21024	387	VV
19	24.194		Mirex	2.022	23233	342	VB
20	29.278		Endrin Ketone	4.223	48520	471	EB
21	34.500			0.072	828	19	BB
TOTALS				100.000	1148863		

DBC → SSD 23233 2000 15,000 DBC → SSD 48520 36520 33520

PS1788

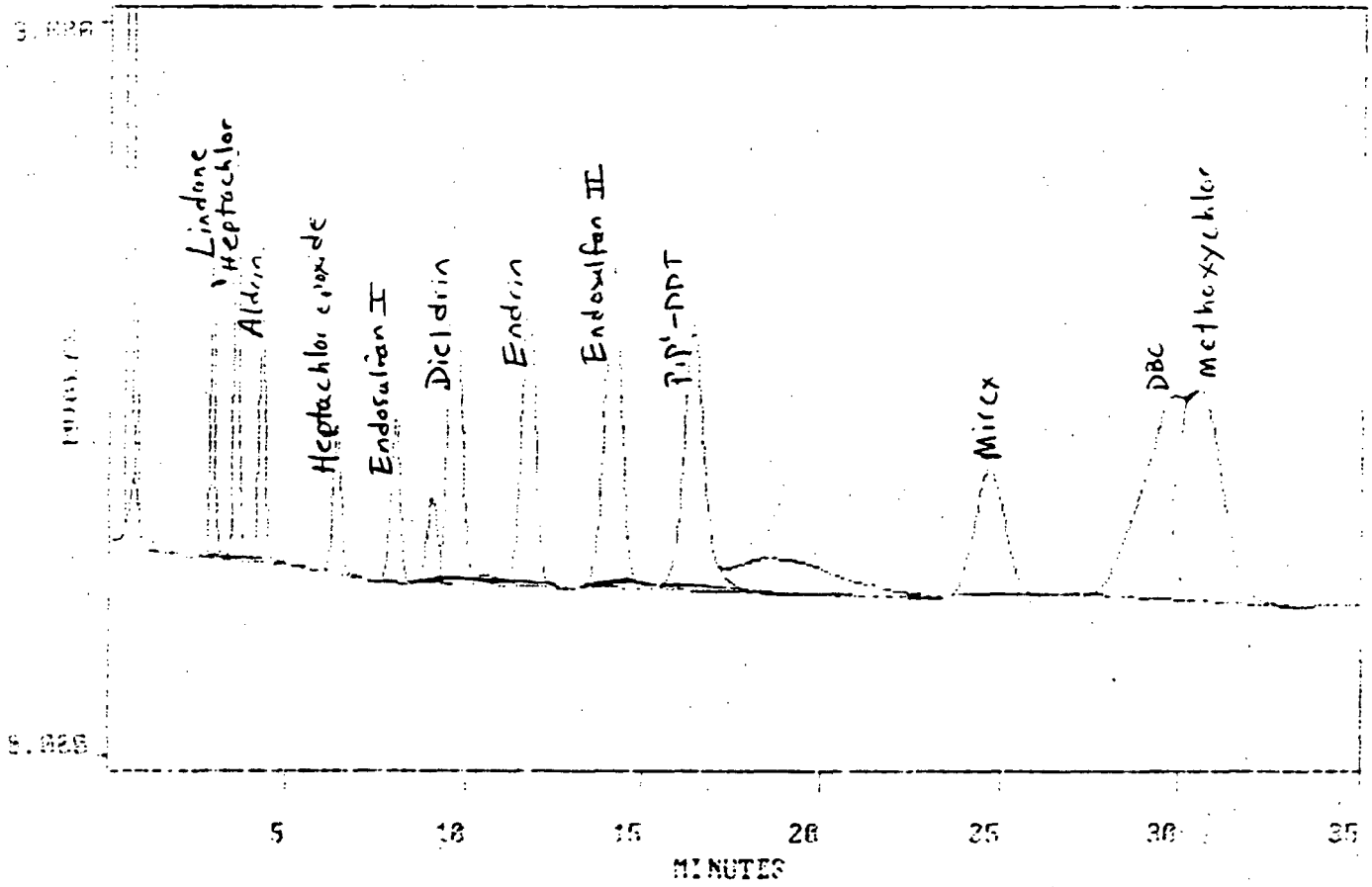
Individual Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time: 09.22.06 Date: MON 11 DEC 87

Time: 13.26.37 Date: FRI 18 DEC 87
Method: PESTCLP

FILE: PESTC896 RANGE (MIN.): 0.833 TO 35.000



1235

Channel # REINT Time: 12:04:17 Date: MON 21 DEC 87

Sample name
Data file PESTC096
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Acq. time 12:26:37 Acq. date FRI 18 DEC 87
Start FW 20.00 sec End FW 150.00 sec
Actual FW 140.0

DBC $R_T = 0.984 \times 30.564 = 30.07$

AREA PERCENT REPORT

Peak	R T (min)	B/S	Peak name	Area %	Area	Peak Ht	BL
1	0.588			68.213	937094	248417	EE
2	0.801			0.159	2181	780	EE
3	2.946		Lindane	0.884	12138	1422	EV
4	3.600		Heptachlor	1.319	18120	1907	VV
5	4.336		Aldrin	1.117	15345	1354	VE
6	5.197			0.042	581	42	EE
7	6.364		Heptachlor epoxide	0.711	9762	627	EE
8	8.016		Endosulfan I	0.965	13258	692	EE
9	9.048		~~Dieldrin~~ SJD	0.545	7491	359	EV
10	9.669		Dieldrin	3.023	41525	1750	VV
11	11.712		Endrin	2.557	35122	1274	VE
12	14.089		Endosulfan II	3.553	48815	1366	EV
13	16.442		P,P'-DDT	3.346	45973	1119	VE
14	18.500			1.989	27330	143	EE
15	24.750		Mirex	2.220	30502	521	BE
16	30.564		DBC → Methoxychlor	9.357	128548	891	BE
TOTALS				100.000	1373785		

PS1788

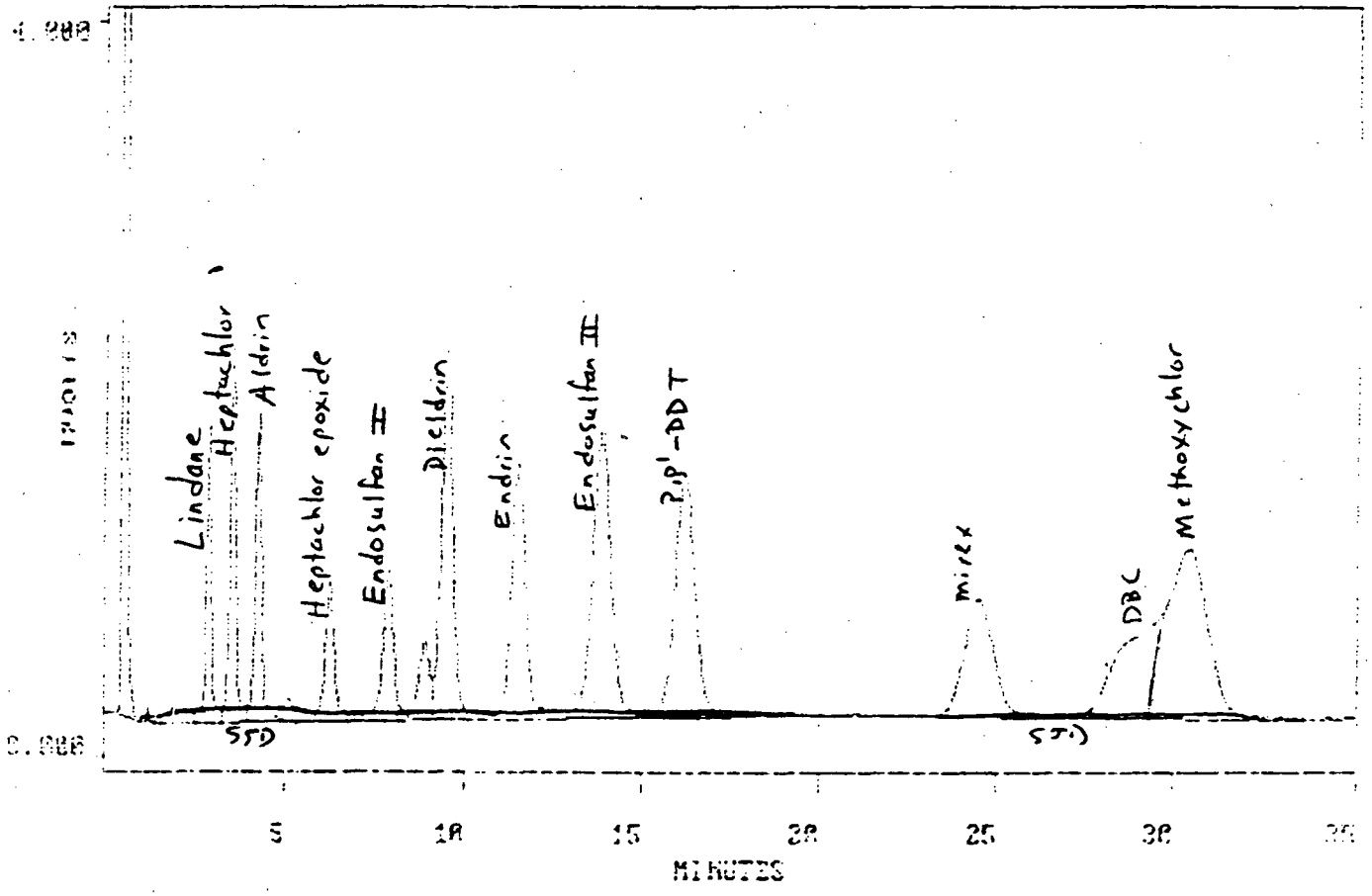
Individual Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14 15 51 Date WED 23 DEC 87

Time 13 10 37 Date TUE 22 DEC 87
Method PESTCLP

FILE: 1:PESTC111 RANGE (MIN.): 0.033 TO 35.000



1233

Channel # REINT Time 16:57:08 Date THU 31 DEC 87

Sample name
Data file 1:TESTC111
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1.5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Acq time 16:10:37 Acq date TUE 22 DEC 87
Start FW 20.00 sec End FW 150.00 sec
Actual FW 140.0
Chart speed 0.70 mv/sec

Atten. factor 500
Peaks found 8

$RT_{DBC} = 0.984 \times 30.486 = 30.000$

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0.581			68.397	1022041	244849	BB
2	1.208			0.250	3729	89	BV
3	2.804		Lindane	1.078	STD 16112612	1699	VV
4	3.351		Heptachlor	1.809	STD 2420348	2192	VV
5	4.271		Aldrin	1.443	STD 17500	1749	VV
6	5.129			0.310	4631	126	BV
7	6.260		Heptachlor epoxide	1.010	STD 11000	781	VV
8	7.902		Endosulfan I	1.231	STD 14000	841	VV
9	9.226			0.689	10303	437	VV
10	9.838		Dieldrin	3.199	STD 44000	1976	VV
11	11.531		Endrin	2.752	STD 37000	1446	VV
12	12.877		Endosulfan II	3.901	STD 54000	1622	VV
13	14.209		Pip'-DDT	3.533	STD 44000	1369	VE
14	15.033			0.123	1832	28	EE
15	24.545		mirex	2.691	STD 38500	659	BB
			DBC →		30.000		
16	30.486		Methoxychlor	7.785	STD 86325	956	EE
TOTALS				100.000	1494276		

1233

PS 1789

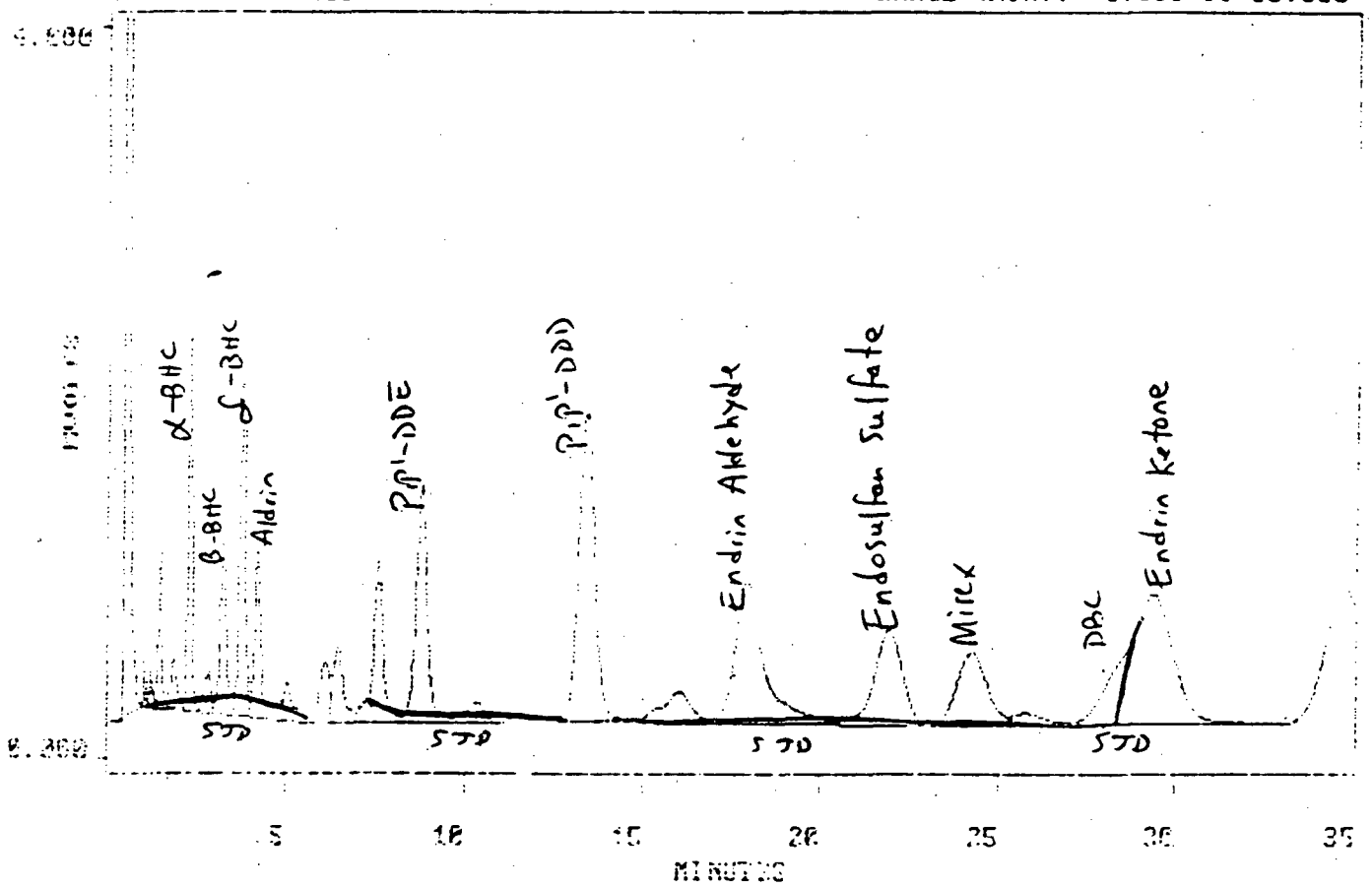
Individual Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14:19:22 Date WED 23 DEC 87

Time 13:48:06 Date TUE 22 DEC 87
Method PESTCLP

FILE: 1:PESTC112 RANGE (MIN.): 0.000 TO 35.000



Channel # . . . REINT Time:16:59:03 Date:THU 31 DEC 87

Sample name . . . . . .
Data file 1:PESTC112
Method name . . . . PESTCLP

Author . . . . MLR
Instrument . . . . TRACOR 550
Column . . . . 1 5% SE-2250/1 95% SE-2401 ON 100/120
Notes . . . . SUPELCOPORT

Run time . . . . 35 00 min Delay time . . . . 0.00 min
Acq time . . . . 13 48 06 Acq date . . . . TUE 29 DEC 87
Start PW . . . . 20 00 sec End PW . . . . 150.00 sec
Actual PW 140.0
Slope sens . . . . 0.70 uV/sec

Peak table 100
Peaks found 23

$RT_{DBC} = 0.984 \times 29.414 = 28.94$

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %		Area	Peak Ht	BL
1	3 389			72.745		1079232	254370	BB
2	1 082			0.103		1527	291	BV
3	1 247			0.092		1367	205	VV
4	1 731			0.364		5394	929	VV
5	1 909			0.059		8830	311	VV
6	2 331	α-BHC		1.212	STD	17986	15500 2695	VB
7	2 888			0.247		3669	299	BV
8	3 277	β-BHC		0.818	STD	12138	9000 1019	VV
9	3 810	δ-BHC		1.540	STD	22857	20,000 2189	VV
10	4 248	Aldrin		0.739	STD	10967	9000 967	VV
11	5 078			0.411		6094	234	VB
12	6 117			0.463		6867	353	BV
13	6 464			0.582		8629	424	VV
14	7 616			1.328		19705	938	VV
15	8 837	PiP'-DDE		2.099	STD	31142	27500 1346	VB
16	10 354			0.230		3408	121	BB
17	13 427	PiP'-DDD		3.792		56254	1756	BV
18	16 055			0.712		10564	175	VV
19	17 958	Endrin Aldehyde		3.249	STD	48201	45000 799	VV
20	21 990	Endosulfan Sulfate		2.068	STD	30671	26500 546	VB
21	24.308	Mirex		1.744	STD	25868	22000 415	BB
22	25 810			0.246	DBC →	3657	17,000 54	BV
23	29.414	Endrin Ketone DBC	→	4.961	STD	73602	56602 733	VB
TOTALS				100.000		1483590		

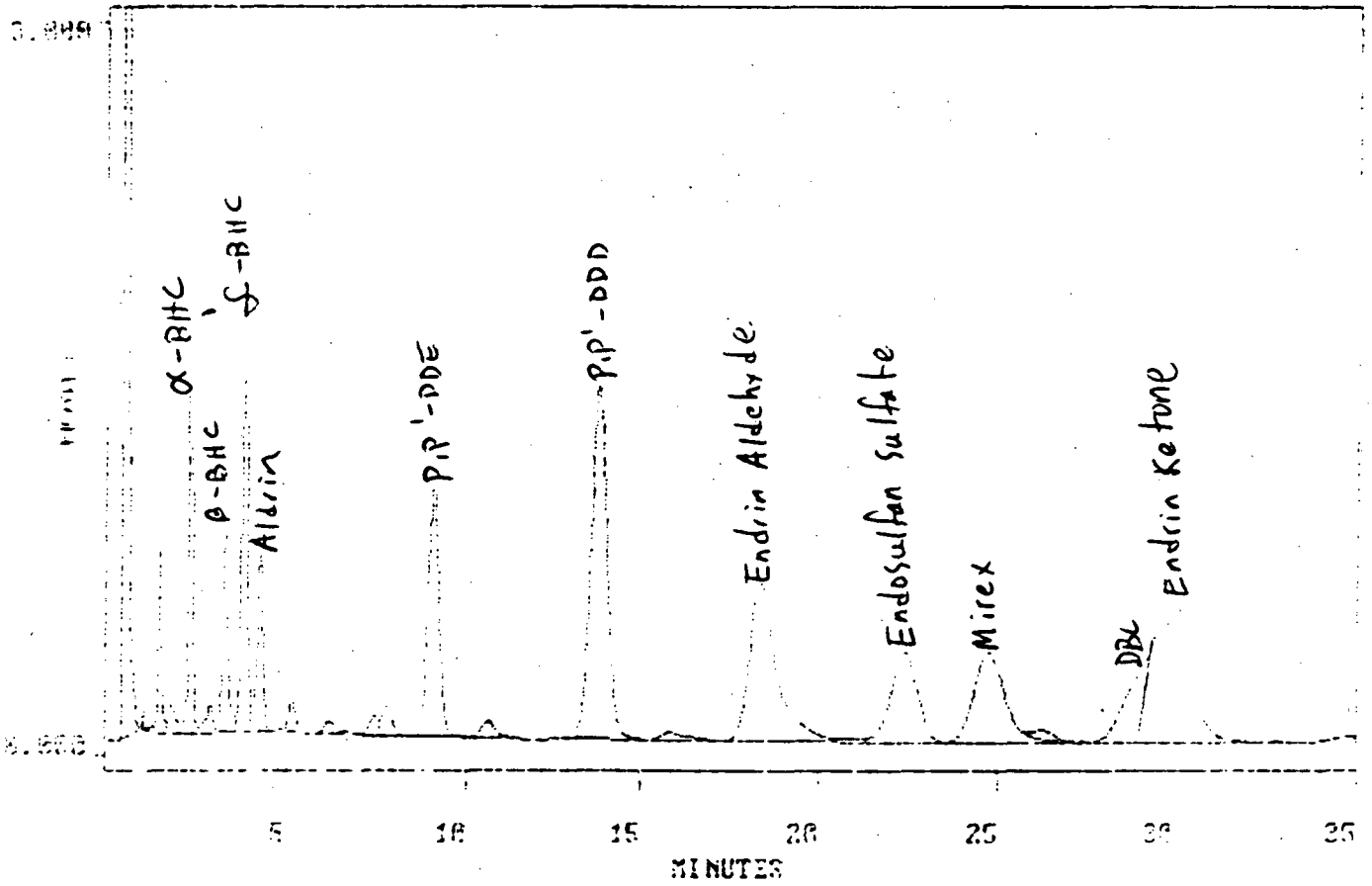
PS1789

Individual Mix

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 11 51 54 Date MON 04 JAN 88
Time 17 20 05 Date WED 23 DEC 87
Method PESTOLF

FILE: 1:PESTC13R RANGE (MIN.): 0.833 TO 25.000



Channel # ... REINT Time 12:51:22 Date MON 04 JAN 88

Sample name .....
Data file 1:PESTC130
Method name ..... PESTCLP

Author ..... MLR
Instrument ..... TRACOR 550
Column ..... 1.5% SP-2250/1.95% SP-2401 ON 100/120
Notes ..... SUPELCOPORT

Run time ..... 35.00 min. Delay time ..... 0.00 min.
Acq. time ..... 17:11:35 Acq. date ..... WED 28 DEC 87
Start FW ..... 20.00 sec End FW ..... 110.00 sec
Actual FW 140.0
Slice area ..... 0.77 pA*sec

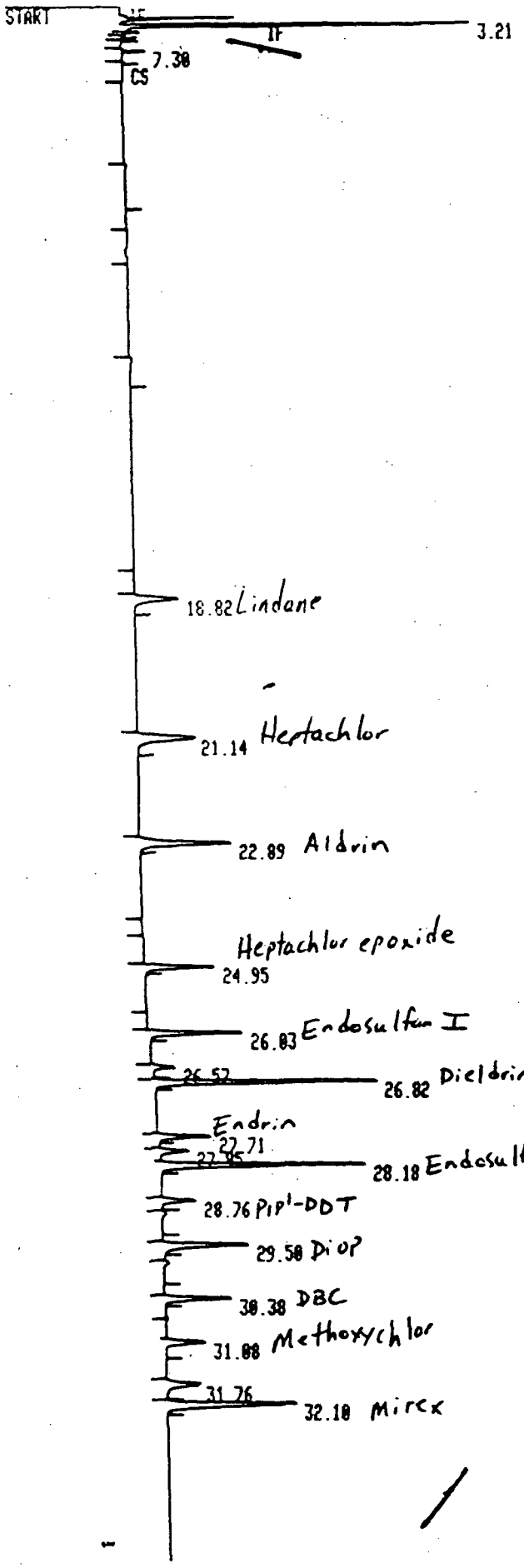
Slice rate 200
Area reject 24

$RT_{DBC} = 0.984 \times 29.937 = 29.46$

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0.554			79.054	10e9189	1609419	BB
2	1.019			0.367	4991	800	BB
3	1.574			0.124	1681	102	BV
4	2.071		α-BHC	1.171	1e102	2320	VV
5	2.771			0.116	1627	117	VV
6	3.367		β-BHC	0.672	9096	836	VV
7	3.899		δ-BHC	1.341	18143	1758	VV
8	4.039		Aldrin	0.601	8135	758	VB
9	5.121			0.100	1427	101	BB
10	6.194			0.104	1405	95	BV
11	7.456			0.113	1532	93	VV
12	7.817			0.188	2543	137	VB
13	9.169		p,p'-DDE	1.713	23174	1055	BV
14	10.459			0.156	2112	78	VB
15	13.820		p,p'-DDD	3.566	48239	1495	BB
16	15.875			0.137	1848	35	BB
17	18.430		Endrin Aldehyde	2.785	37671	670	BV
18	22.469		Endosulfan Sulfate	1.485	20081	382	VB
19	24.829		Mirex	1.740	23541	382	BB
20	26.374			0.143	1937	41	BV
			DBC		DBC → 9500 STD		
21	29.937		Endrin ketone	4.276	STD ~~57839~~ 48339	592	VB
TOTALS				100.000	1352605		

E242



STD

RUN # A303 DEC/28/87 20:48:53
WORKFILE ID: B1
WORKFILE NAME: ——
SAMPLE # 4

AREA%

	RT		AREA	TYPE	AR/HT	AREA%
	3.21		976760	BB	0.071	41.715
	7.30		19788	PB	0.050	0.845
	18.82	Lindane	60872	PB	0.080	2.600
	21.14	Heptachlor	97206	BB	0.094	4.151
	22.89	Aldrin	111610	PB	0.071	4.767
Heptachlor	24.95	epoxide	65778	PB	0.054	2.809
Endo -	26.03	Sulfan I	82270	PB	0.051	3.514
	26.57		20914	PB	0.053	0.893
	26.82	Dieldrin	181400	PB	0.047	7.747
	27.71	Endrin	47662	PB	0.054	2.036
	27.95		27187	PP	0.056	1.161
Endo -	28.18	Sulfan II	190830	PB	0.054	8.150
	28.76	Pip'-DDT	30936	PB	0.054	1.321
	29.50		95191	PB	0.065	4.065
	30.38	DBC	65944	BB	0.058	2.816
	31.08	Methoxychlor	44202	PB	0.065	1.888
	31.76		48573	PB	0.080	2.074
	32.10	Mirex	174400	BB	0.077	7.448

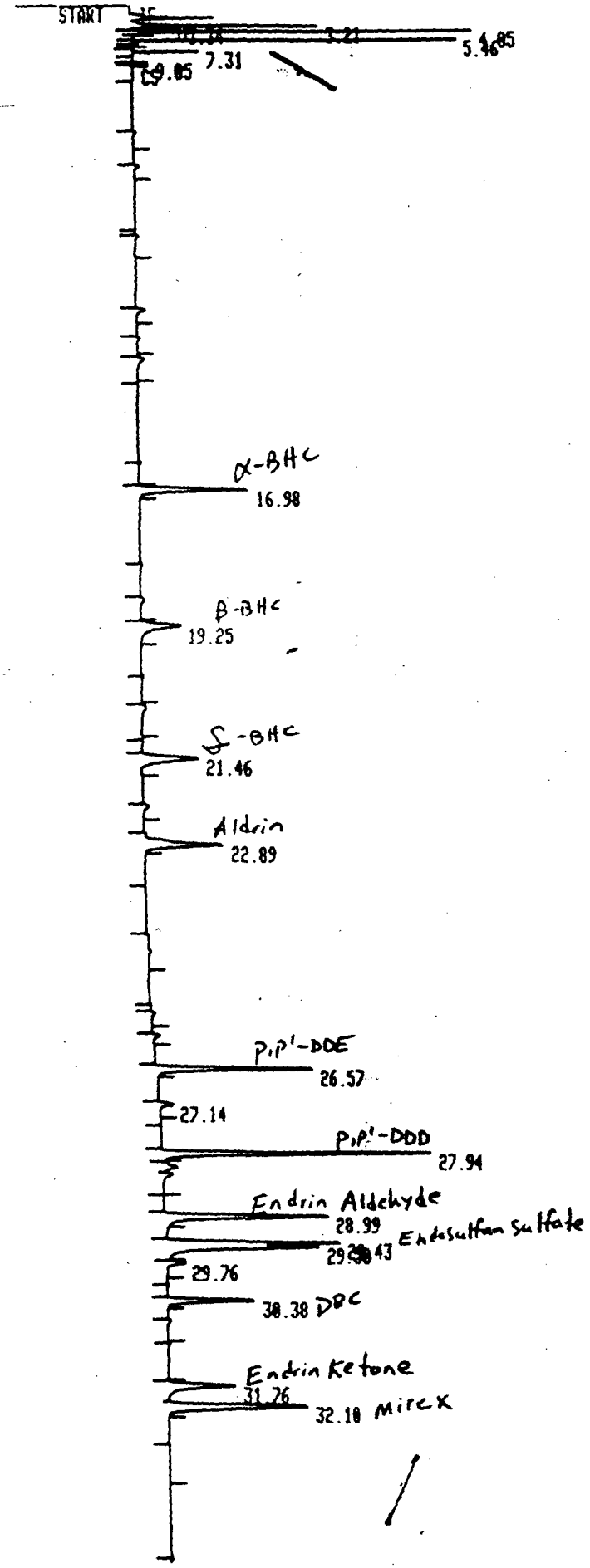
TOTAL AREA= 2341500
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RW4040::-27
CARD-PTS TRANSMITTED FILE: CP4071::-27

PS1788

Individual Mix

11243



RUN # STD 2 3 & 4 DEC/28/87 21:36:21
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 5

AREA%

	RT		AREA	TYPE	AR/HT	AREA%
	3.21		215650	BV	0.072	8.112
	3.34		26282	VB	0.041	0.989
	4.85		489720	PB	0.071	18.421
	5.46		197830	PB	0.034	7.442
	7.31		49779	PB	0.044	1.873
	9.05		14807	PB	0.052	0.557
	16.98	α-BHC	118280	PB	0.063	4.449
	19.25	β-BHC	70387	PB	0.098	2.648
	21.46	δ-BHC	93553	PB	0.095	3.519
	22.89	Aldrin	119180	PB	0.088	4.483
	26.57	p,p'-DDE	127110	PB	0.047	4.781
	27.14		15225	PB	0.059	0.573
	27.94	p,p'-DDD	220240	PB	0.046	8.285
Endrin	28.99	Aldehyde	176870	PB	0.062	6.653
Endo Sulf	29.43	sulfate	165380	PV	0.054	6.218
	29.58		177940	VB	0.067	6.694
	29.76		16234	BB	0.051	0.611
	30.38	DBC	88858	BB	0.058	3.312
Endrin	31.76	Ketone	90285	PV	0.078	3.396
	32.18	Mirex	185700	VB	0.077	6.985

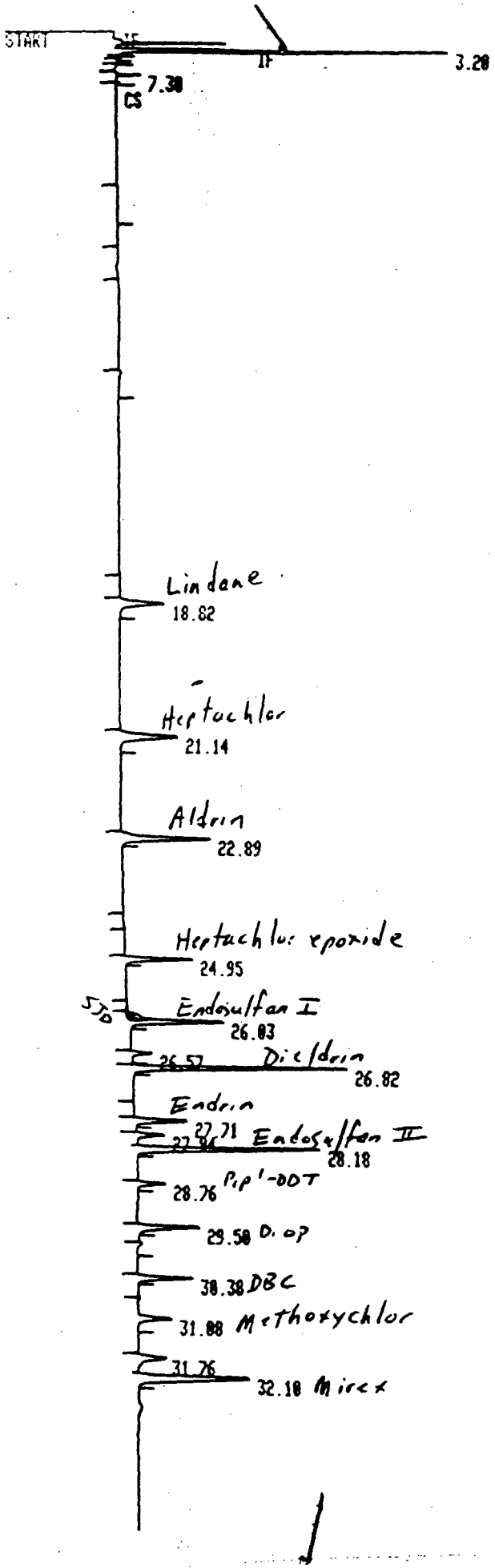
TOTAL AREA= 2658400
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RM4853::-27
CARD-PTS TRANSMITTED FILE: CP4884::-27

PS1789

Individual Mix

124A



STD

RUN # ~~10~~ 316 DEC/29/87 07:13:04
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 17

AREA%

RT		AREA	TYPE	AR/HT	AREA%
3.20		1018700	BB	0.071	42.995
7.30		22689	BB	0.052	0.958
18.82	Lindane	64529	PB	0.080	2.724
21.14	Heptachlor	99531	PB	0.094	4.201
22.89	Aldrin	115360	PB	0.070	4.869
24.95	Heptachlor epoxide	66011	PB	0.053	2.786
26.03	Endosulfan I	114510	PB	0.066	4.833
26.57	STD	19809	PB	0.052	0.836
26.82	Dieldrin	184940	PB	0.046	7.806
27.71	Endrin	50985	PB	0.053	2.152
27.94		28478	PP	0.055	1.202
28.18	Endosulfan II	181830	PB	0.054	7.675
28.76	Pip'-DDT	27646	PB	0.054	1.167
29.58		68953	BB	0.061	2.910
30.38	DBC	58959	PB	0.058	2.489
31.88	Methoxychlor	42829	PB	0.070	1.808
31.76		44143	BP	0.083	1.863
32.18	Mirex	159400	PB	0.077	6.728

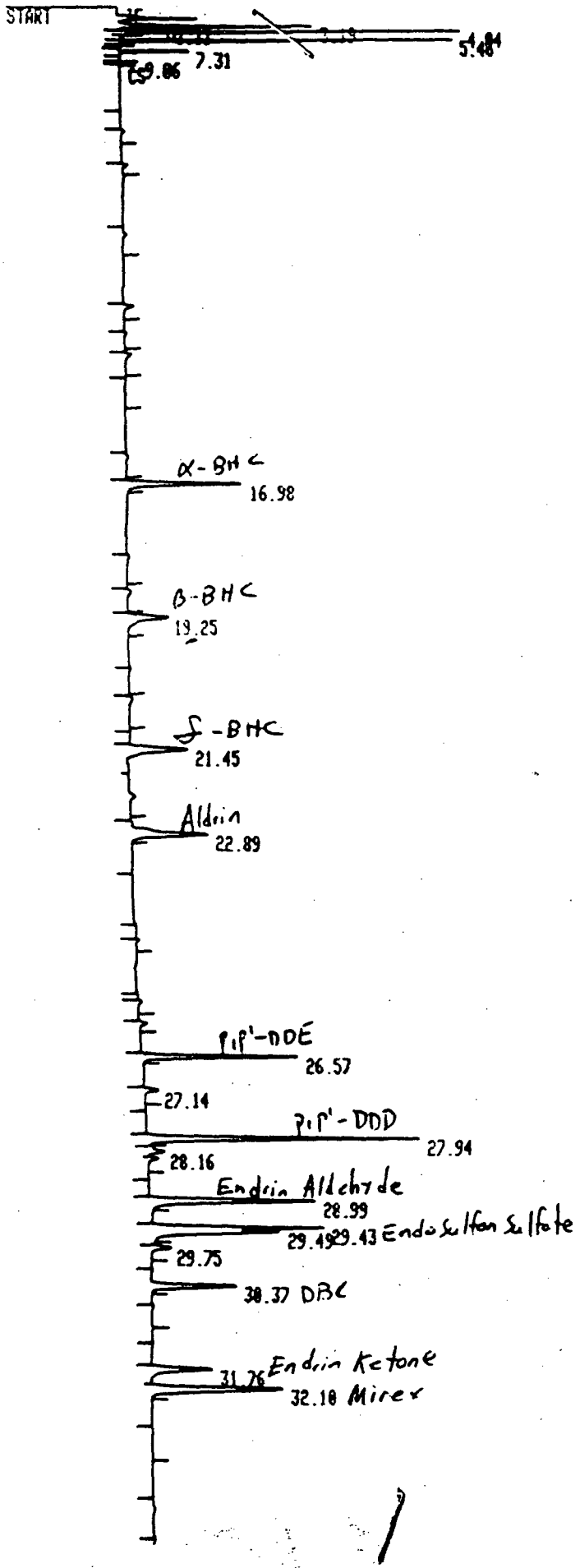
TOTAL AREA= 2369300
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RW4011::-27
CARD-PTS TRANSMITTED FILE: CP4049::-27

PS 17 88

Individual Mix

C521



STD

RUN # ~~22~~ 321 DEC/29/87 11:11:46
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 22

AREA%

RT		AREA	TYPE	AR/HT	AREA%
3.19		214020	BV	0.070	8.000
3.33		26459	VB	0.039	0.989
4.04		490990	PB	0.071	18.352
5.46		202810	PB	0.034	7.581
7.31		57008	PB	0.046	2.131
9.86		15967	PB	0.051	0.597
16.98	α-BHC	127310	PB	0.061	4.758
19.25	β-BHC	73640	PB	0.098	2.753
21.45	δ-BHC	105900	BP	0.098	3.958
22.89	Aldrin	113000	PB	0.082	4.224
26.57	p,p'-DDE	130120	PB	0.047	4.864
27.14		15685	PB	0.059	0.586
27.94	p,p'-DDD	227120	PB	0.046	8.489
28.16		18261	PP	0.067	0.683
28.99	Aldehyde	177290	PB	0.060	6.627
29.43	Endosulfan Sulfate	168430	PV	0.055	6.295
29.49		138420	VB	0.061	5.174
29.75		17037	BB	0.052	0.637
30.37	DBC	87433	PB	0.057	3.268
31.76	Ketone	86192	BP	0.078	3.222
32.10	Mirex	182310	PB	0.077	6.814

TOTAL AREA= 2675400
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RW4077::-27
CARD-PTS TRANSMITTED FILE: CP4016::-27

PS1789

Individual Mix

12465

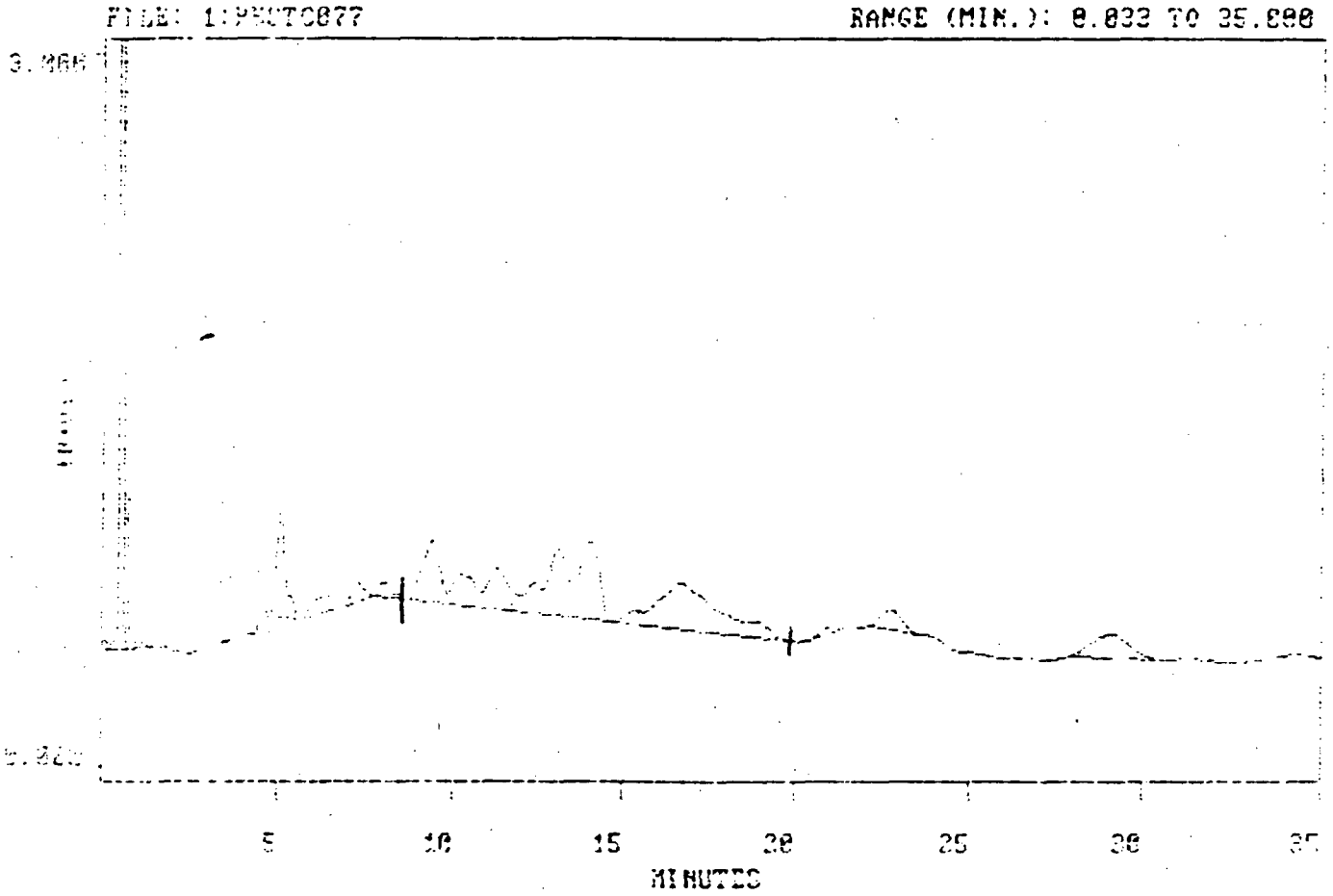
PS1732

Toxaphene

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12:15:39 Date MON 04 JAN 88

Time 01:45:03 Date FRI 18 DEC 87
Method TOXCLP



RF = 16.5

1247

Channel # REINT Time 12:14:38 Date MON 04 JAN 88

Sample name
Data file 1:PESTC077
Method name TOXCLP

Author: MLR
Instrument TRACOR 550
Column 1.5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Acq time 01:45:01 Acq date FRI 16 DEC 87
Start TW 10.00 sec End TW 10.00 sec
Actual TW 20.0 Actual TW 20.0
Slice time 1.00 cm/sec

[illegible]
[illegible] 23

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0 107			0.055	469	35	BV
2	0 [illegible]			85.829	720939	194866	VB
3	0 724			0.403	3384	478	BV
4	1 004			0.096	810	159	VB
5	1 240			0.018	150	19	BV
6	1 409			0.017	141	16	BB
7	1 133			0.012	97	14	BV
8	2 004			0.008	68	12	VB
9	2 922			0.038	321	11	BB
10	3 794			0.075	629	24	BB
11	4 [illegible]			0.105	891	44	BB
12	1 077			0.950	7977	476	BB
13	6 317			0.356	2993	90	BB
14	7 250			0.258	2166	82	BB
15	7 950			0.211	1770	68	BB
16	9 400			6.443	54110	182	BV
17	16 750			3.396	28523	208	VB
18	21 117			0.118	988	24	BB
19	22 737			0.426	3579	87	BB
20	29 097			0.987	8294	107	BB
TOTALS				100.000	839975		

Toxaphene $\Sigma_A = 82641$

PS 1730

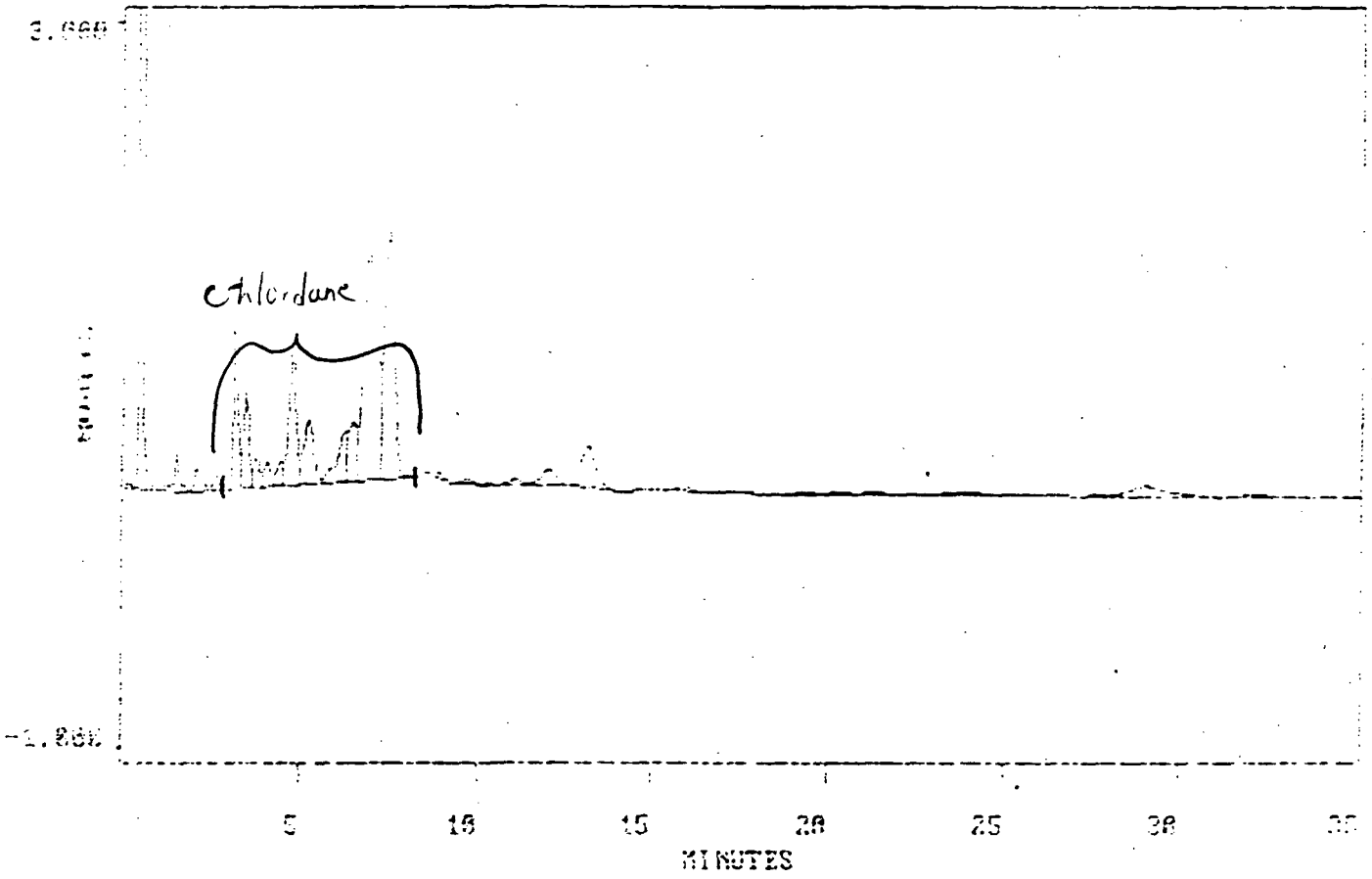
Chlordane

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12:55:10 Date FRI 18 DEC 87

Time 02:21:23 Date FRI 18 DEC 87
Method PESTCLP

FILE: 1:PESTC878 RANGE (MIN.): 0.033 TO 35.000



RF = 45.6

Channel # REINT Time 12 54 11 Date FRI 18 DEC 87

Sample name
Data file 1 PESTC078
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1.5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time	35.00 min	Delay time	0.00 min
Acq time	02 21 23	Acq date	FRI 18 DEC 87
Start PW	20.00 sec	End PW	150.00 sec
		Actual PW	140.0
Slope sens	0.70 uv/sec		

Area reject 200
Peaks found 28

AREA PERCENT REPORT

Peak	R T (min)	R/B	Peak name	Area %	Area	Peak Ht	BL
1	1 130			0.068	536	94	BV
2	1 [illegible]			[illegible]	[illegible]	[illegible]	VB
3	[illegible]			0.[illegible]	[illegible]	[illegible]	BB
4	1 [illegible]			0.[illegible]	[illegible]	[illegible]	BV
5	1 [illegible]			0.[illegible]	[illegible]	[illegible]	VV
6	1 11			0.103	3828	760	VV
7	3 499			0.741	5931	585	VV
8	3 307			0.275	2201	171	VV
9	4 107			0.261	2089	143	VV
10	4 490			0.231	1846	144	VV
11	5 782			1.387	11099	781	VV
12	6 328			0.862	6902	370	VV
13	7 017			0.724	5794	296	VV
14	8 442			0.665	5321	341	VV
15	9 967			4.446	35585	1424	VV
16	7 461			3.558	28475	1456	VB
17	8 300			0.073	583	26	BB
18	9 683			0.123	988	27	BB
19	11 078			0.141	1130	34	BV
20	12 058			0.349	2795	89	VB
21	13 179			0.937	7496	245	BB
22	15 050			0.086	690	20	BB
23	19 400			0.076	610	14	BV
24	20 522			0.094	750	17	VV
25	21 392			0.079	632	16	VB

Chlordane $\Sigma_A = 114071$

1250

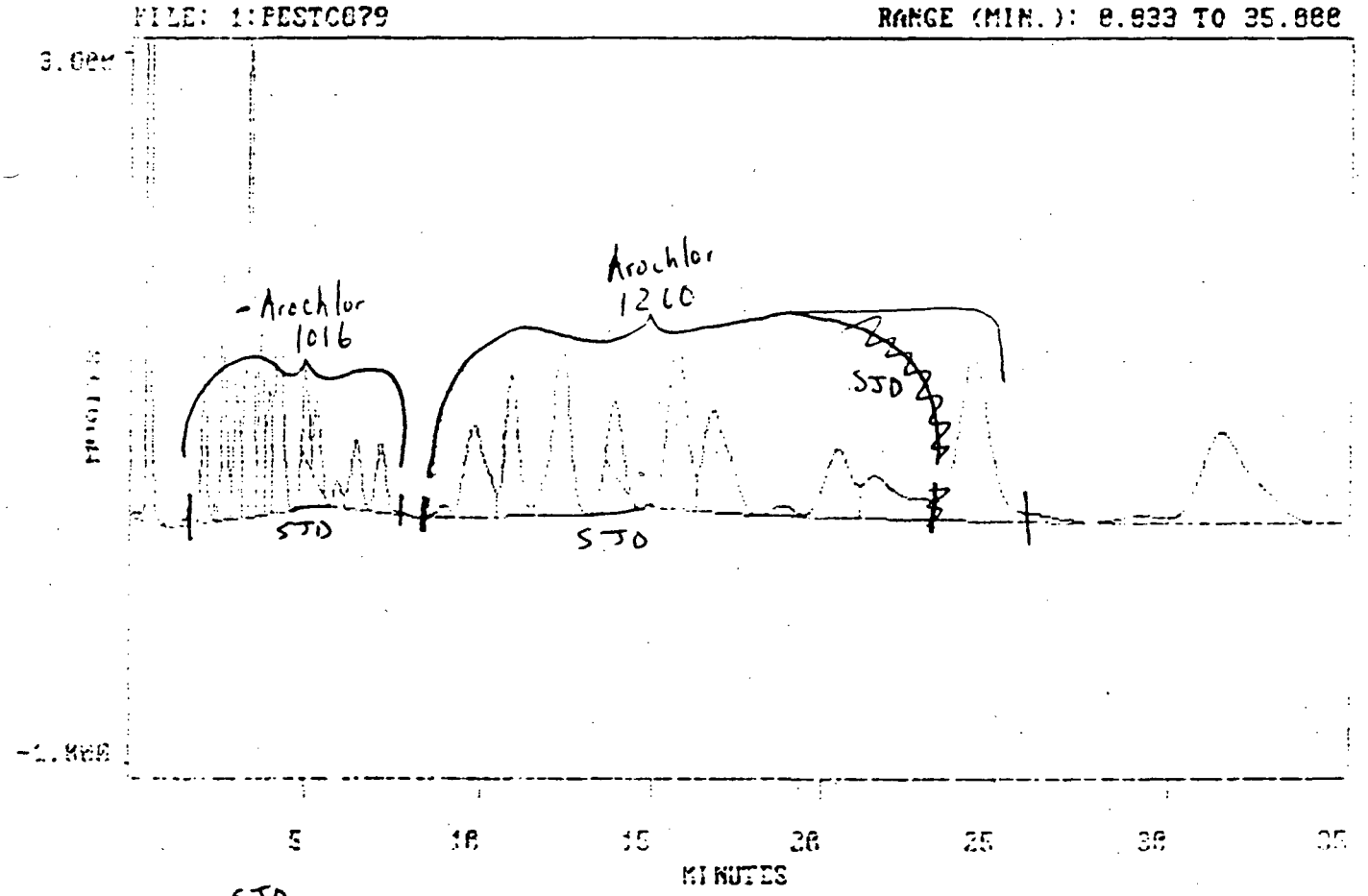
PS 1761

Arochlor 1016/1260

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12:58:59 Date FRI 18 DEC 87

Time 02:57:40 Date FRI 18 DEC 87
Method PESTCLP



$RF_{1016} = \frac{SJD}{28.1}\ 30.1$

$RF_{1260} = 60.1$

252

Channel # REINT Time 12:57:57 Date FRI 18 DEC 87

Sample name
Data file 1 PESTC079
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 33.00 min Delay time 0.00 min
Acq time 12:57:40 Acq date FRI 18 DEC 87
Start PW 20.00 sec End PW 150.00 sec
Actual PW 140.0
Slope sens 0.70 uv/sec

Area reject 500
peaks found 31

AREA PERCENT REPORT

Peak #	R T (min)	B/B	Peak name	Area %	Area	Peak Ht	BL
1	0.117			0.047	605	26	BV
2	0.338			52.881	731647	210260	VV
	.444			0.021	294	8	VV
3	1.116			0.078	1078	101	VV
4	1.190			0.286	3956	284	VB
5	1.370			0.340	4715	120	BV
6	1.397			1.198	16577	1537	VV
7	1.487			0.725	10037	735	VV
8	1.661			2.530	34992	2881	VV
9	1.727			0.918	12702	1096	VV
			Arochlor 1016		Σ_A = 140627		
11	4.011			0.604	7730	+ 726	VV
12	4.278			1.502	19149	10,000 1108	VB
13	5.033			0.482	6144	538	BV
14	5.205			0.506	6454	498	VB
15	5.900			0.190	2426	163	BV
16	6.450			0.655	8350	415	VV
17	7.144			0.680	8711	413	VB
18	8.963			0.130	1657	67	BV
19	9.835			1.829	23329	535	VV
20	10.908			1.851	23601	550 832	VV
					Σ_A = 280423	300,423	
21	12.360			2.899	36964	550 1057	VB
22	13.917			0.793	10110	20,000 424	BB
23	15.732			3.196	40752	1000	BV
24	16.828			2.529	32253	598	VB
25	18.212			0.210	2680	62	BV
			Arochlor 1260				

27	21 [illegible]	1 752	22949	554	VV
28	24 395	5 097	64997	971	VE
29	29 133	0 265	3381	44	BV
30	31 472	4 233	53985	339	VB
TOTALS		100 000	1275241		

PS1763

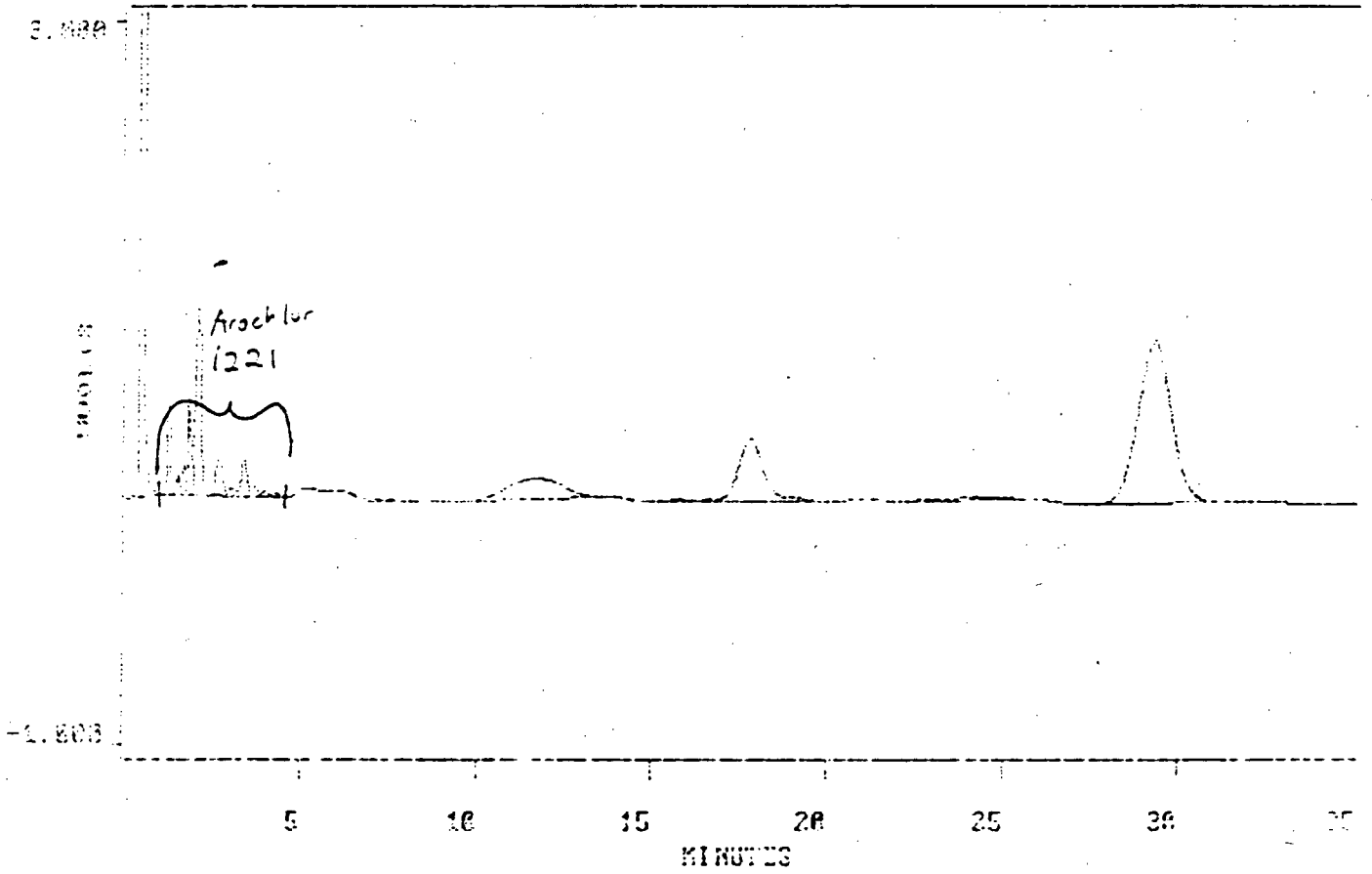
Arochlor 1221

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 13 02.37 Date FRI 18 DEC 87

Time 03 34.03 Date FRI 18 DEC 87
Method PESTCLP

FILE: 1:PESTC800 RANGE (MIN.): 0.833 TO 35.000



$RF_{1221} = 5.7$

1254

Channel #. . . .REINT Time:13:01:42 Date:FRI 18 DEC 87

Sample name.
Data file. 1 PESTC080
Method name . . . . PESTCLP

Author . . . . . MLR
Instrument . . . . TRACOR 550
Column . . . . . 1 5% SF-2250/1 95% SF-2401 ON 100/120
Notes . . . . . SUPELCOPORT

Run time. . . . . 85 00 min Delay time . . . 0 00 min
Acq time . . . . . 08 34 33 Acq date . . . . FRI 18 DEC 87
Start RW . . . . . 20 00 sec End RW. . . . . 150.00 sec
. . . . . Actual RW . . . 140 0
. . . . . 0 70 . . . . .

. 100
. 07

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0 937			84 770	702523	29[illegible]	BB
2	1 295			0 359	2973	521	BV
3	1 567			0 110	911	144	VV
4	1 748			0 141	1167	186	VV
5	1 898			0 50	4146	591	VV
			Aroclor 1221		Σ_A = 28365		
6	2 133			1 477	12244	1446	VV
7	2 704			0 367	3043	222	VV
8	3 083			0 069	568	51	VV
9	3 446			0 301	2494	223	VV
10	4 761			0 089	736	72	VV
11	11 709			1 956	16208	133	BB
12	17 842			2 270	18816	365	VB
13	23 378			0 090	749	13	BV
14	24 222			0 215	1781	23	VB
15	29 343			7 636	63285	937	BB
TOTALS				100 000	828742		

1351

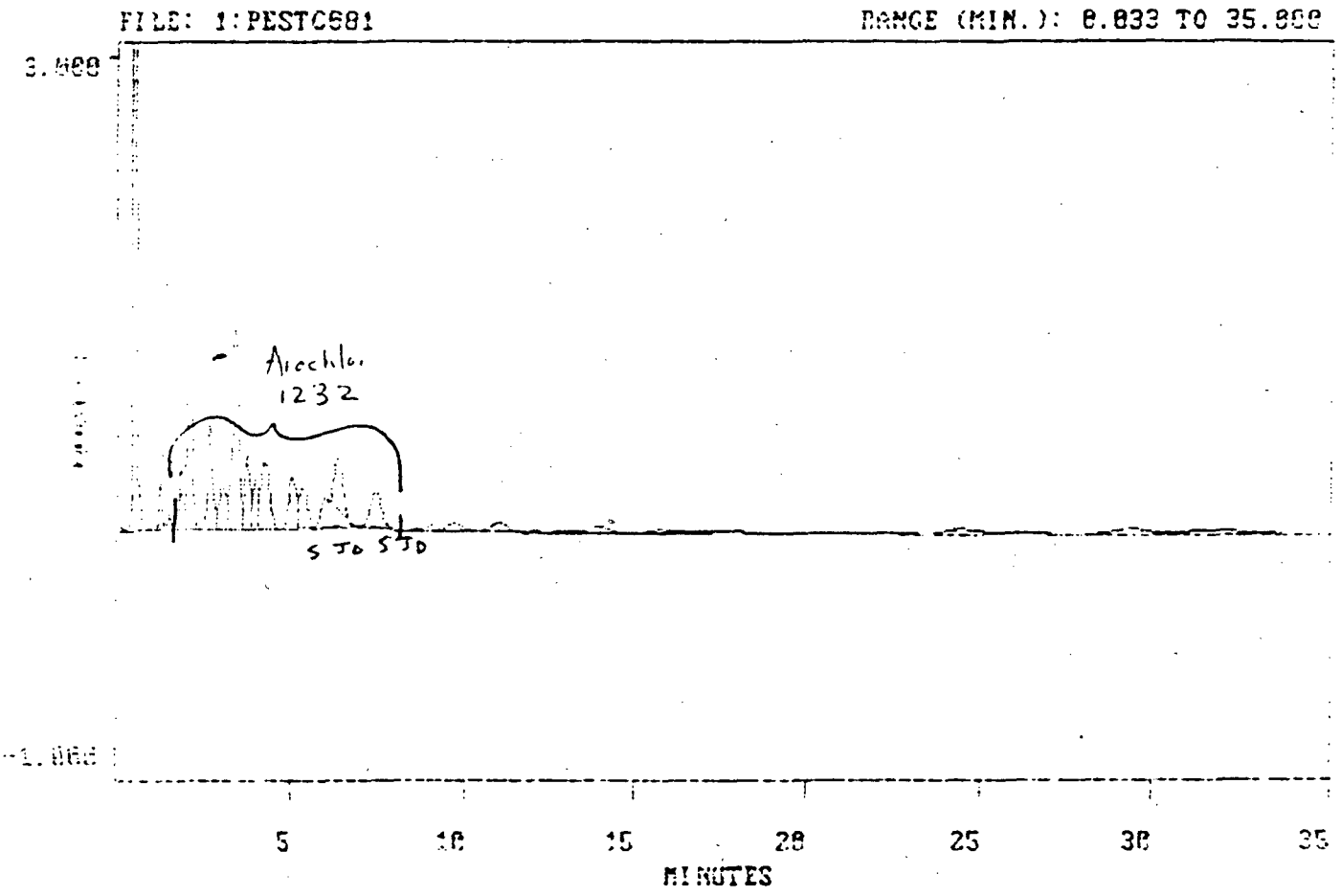
PS 1766

Aroclor 1232

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time:13 07 40 Date FRI 18 DEC 87

Time 04:10 20 Date FRI 18 DEC 87
Method PESTCLP



RF= 15.3

1256

Channel # REINT Time: 13:06:22 Date FRI 18 DEC 87

Sample name
Data file : PESTC081
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SE-2250/1 95% SE-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Acq time 04:10:20 Acq date FRI 18 DEC 87
Start FW 20.00 sec End FW 150.00 sec
Actual FW 140.0
[illegible] 0.70 [illegible]

Area reject 500
[illegible] found 0

AREA PERCENT REPORT

Peak #	RT (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0.994			87.651	598935	192456	VB
2	1.294			0.263	1799	295	BV
3	1.546			0.101	689	91	VV
4	1.749			0.130	876	139	VV
5	1.897			0.395	2701	379	VV
6	2.102			1.427	9751	1165	VB
7	2.690			1.013	6922	646	VV
8	3.086			0.544	3719	283	VV
9	3.444			2.153	14712	1259	VV
10	3.760			0.755	5161	344	VV
			Arochlor 1232		$\Sigma_A = 66496 + 10,000$		
11	4.012			0.462	3154	291	VV
12	4.283			1.013	6919	411	VB
13	5.031			0.736	5027	317	BV
14	5.348			0.535	3653	245	VB
15	6.320			0.699	4777	303	BB
16	9.053			0.167	1139	31	BV
17	9.707			0.223	1526	52	VV
18	11.027			0.263	1796	54	VV
19	12.417			0.111	757	16	VV
20	13.967			0.186	1272	36	VB
21	15.783			0.120	822	20	BV
22	24.517			0.296	2021	27	BB
23	29.400			0.379	2587	35	BV
24	31.650			0.380	2597	23	VB

1257

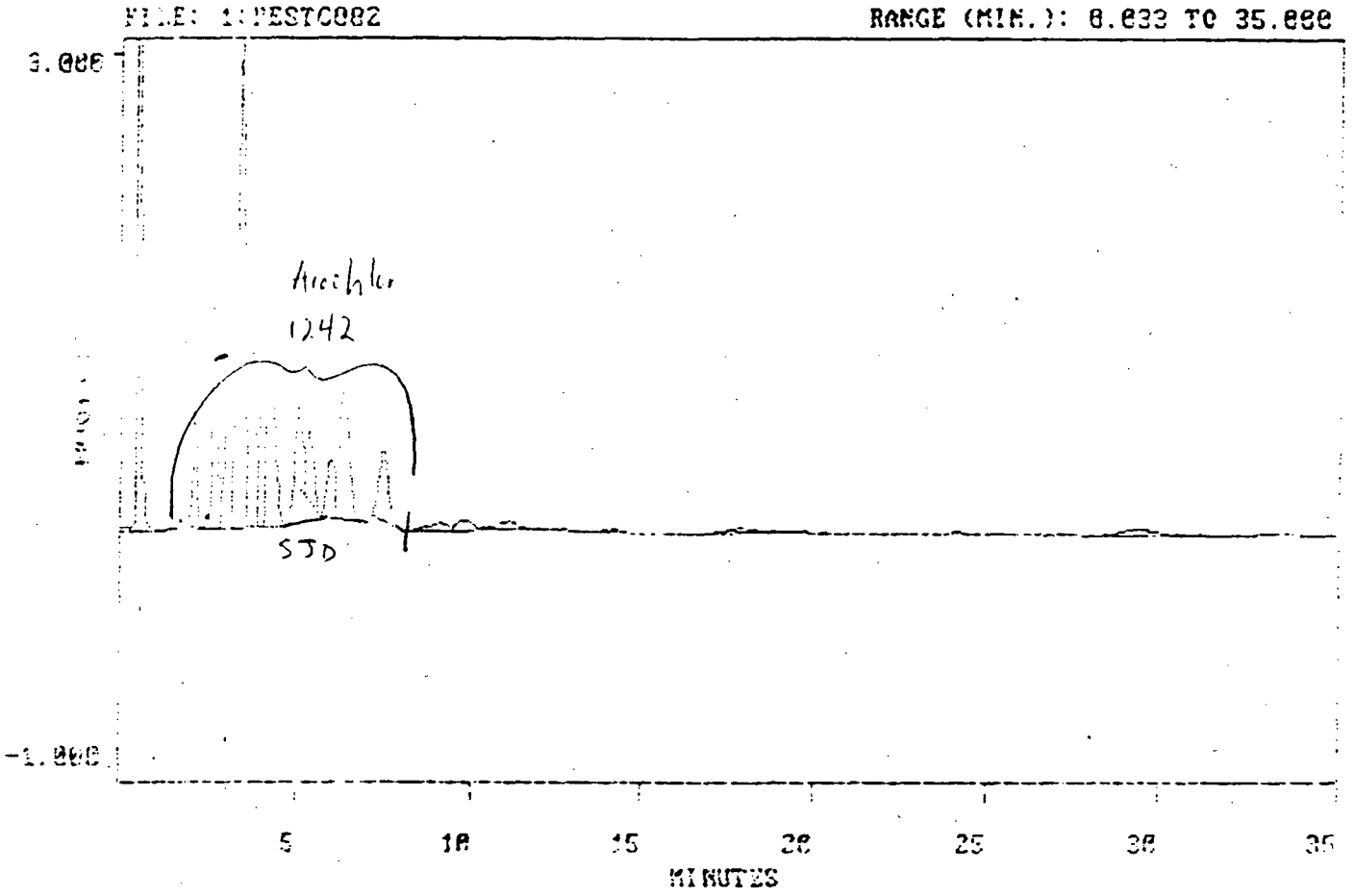
PS1764

Arochlor 1242

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 13 12 32 Date FRI 18 DEC 87

Time 04 46 40 Date FRI 18 DEC 87
Method:PESTCLP



RF = 30.9

Channel # REINT Time 13:11:39 Date FRI 18 DEC 87

Sample name
Data file 1 FESTC082
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35 00 min Delay time 0 00 min
Acq time 04 46 40 Acq date FRI 18 DEC 87
Start FW 20 00 sec End FW 150 00 sec
Actual FW 140 0

Slope sens 0 70 uv/sec

Atten value 100
Sample size 10

AREA PERCENT REPORT

Peak	R T (min)	R/B	Peak name	Area %	Area	Peak Ht	BL
1	0 537			79 477	604812	19194	VB
2	2 147			0 738	5621	720	BB
3	2 495			0 090	688	88	BV
4	3 706			1 999	15198	1608	VV
5	3 113			1 391	10573	774	VV
						$\Sigma_A = 144351 + 10000$	
6	3 470			4 640	35282	2957	VV
7	3 788			1 744	13264	1138	VV
8	4 040			1 186	9017	774	VV
9	4 319			1 817	13816	814	VB
10	7 872			0 882	6705	301	BV
				Arochlor 1242			
11	5 370			0 786	5979	439	VB
12	5 903			0 677	5150	362	BV
13	6 346			2 036	15481	778	VB
14	7 459			1 003	7628	409	BB
15	9 107			0 246	1871	94	BV
16	9 800			0 268	2039	62	VV
17	11 133			0 247	1877	46	VB
18	14 077			0 115	876	26	BB
19	17 967			0 239	1821	31	BB
20	29 461			0 424	3222	40	BB
TOTALS				100 000	760365		

1259

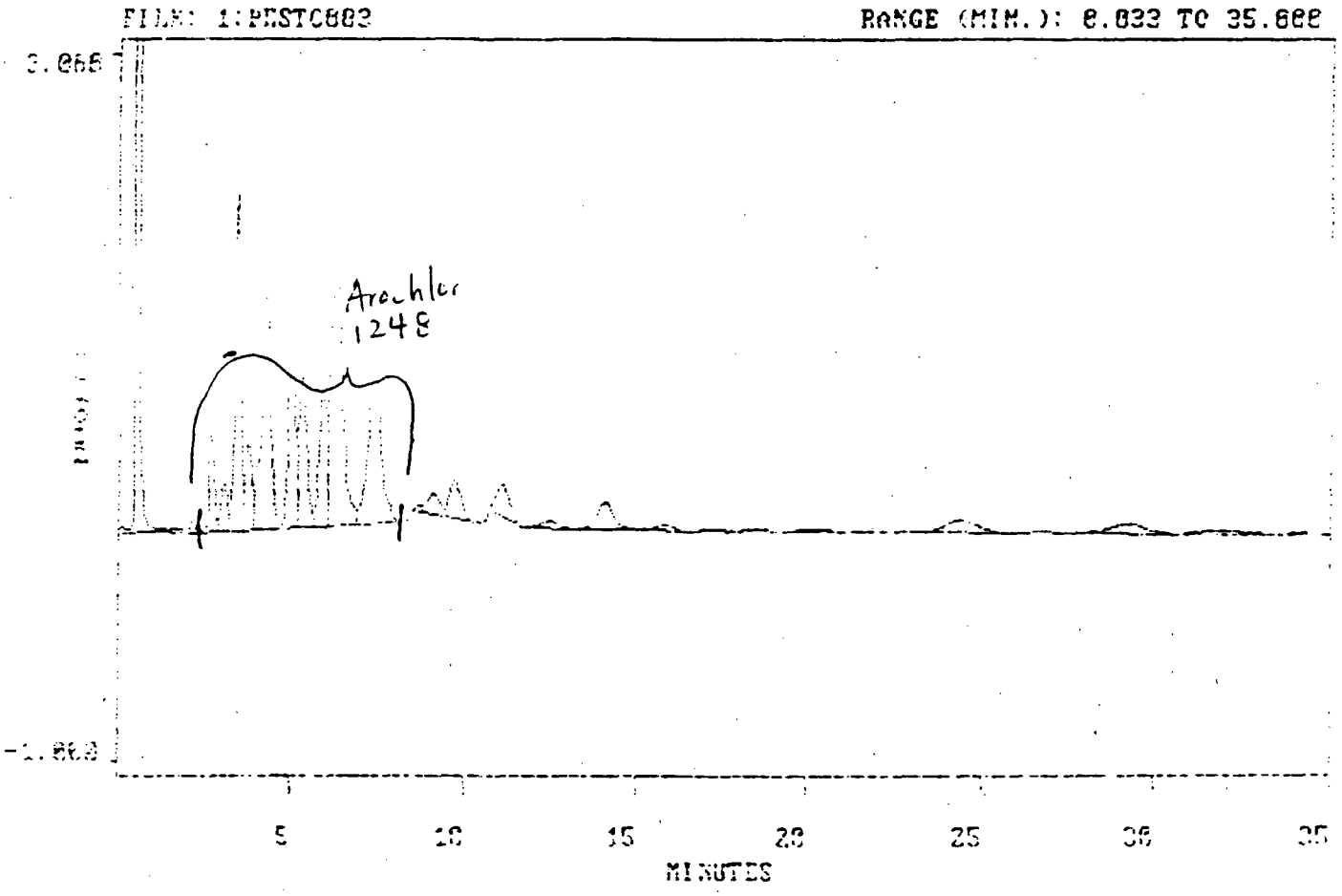
PS1767

Arochlor 1248

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 13:16:08 Date FRI 18 DEC 87

Time 05:22:59 Date FRI 18 DEC 87
Method PESTCLP



RF = 34.0

1260

Channel #..... RLINT Time:13:15:11 Date FRI 18 DEC 87

Sample name.....
Data file..... 1:TESTC083
Method name..... TESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 30 00 min Delay time 0 00 min
Acq time 07 22 59 Acq date FRI 18 DEC 87
Start FW 0 0 sec End FW 150 00 sec
Actual FW 140 0
Slope sens 0 75 uV/sec

AREA PERCENT REPORT

Peak #	R T (min)	B/B	Peak name	Area %	Area	Peak Ht	BL
1	0 309			77 450	715015	201920	VB
2	1 244			0 098	904	19	EB
3	2 141			0 371	453	73	BV
4	2 107			0 657	6073	110	VV
5	3 090			0 440	4063	185	VV
6	3 460			2 401	22194	1023	VV
7	3 781			0 709	6551	560	VV
8	4 313			3 070	28376	1396	VV
9	5 054			1 733	16007	1063	VV
10	5 890			1 534	14174	517	VV
11	5 988			1 325	12246	901	VV
12	6 247			3 948	36489	1617	VV
13	7 440			2 603	24061	955	VB
14	9 119			0 353	3264	128	VV
15	9 754			0 592	5470	231	VB
16	11 112			0 509	4705	191	EB
17	12 444			0 167	1546	40	BB
18	14 072			0 601	5556	160	EB
19	15 867			0 136	1254	37	BB
20	20 167			0 087	800	13	EB
21	24 454			0 486	4496	69	BB
22	29 274			0 466	4304	58	EB
23	31 958			0 264	2438	27	BV
24	34 250			0 062	574	12	VE
TOTALS				100 000	924210		

$\Sigma_A = 170229$

Aroclor 1248

921

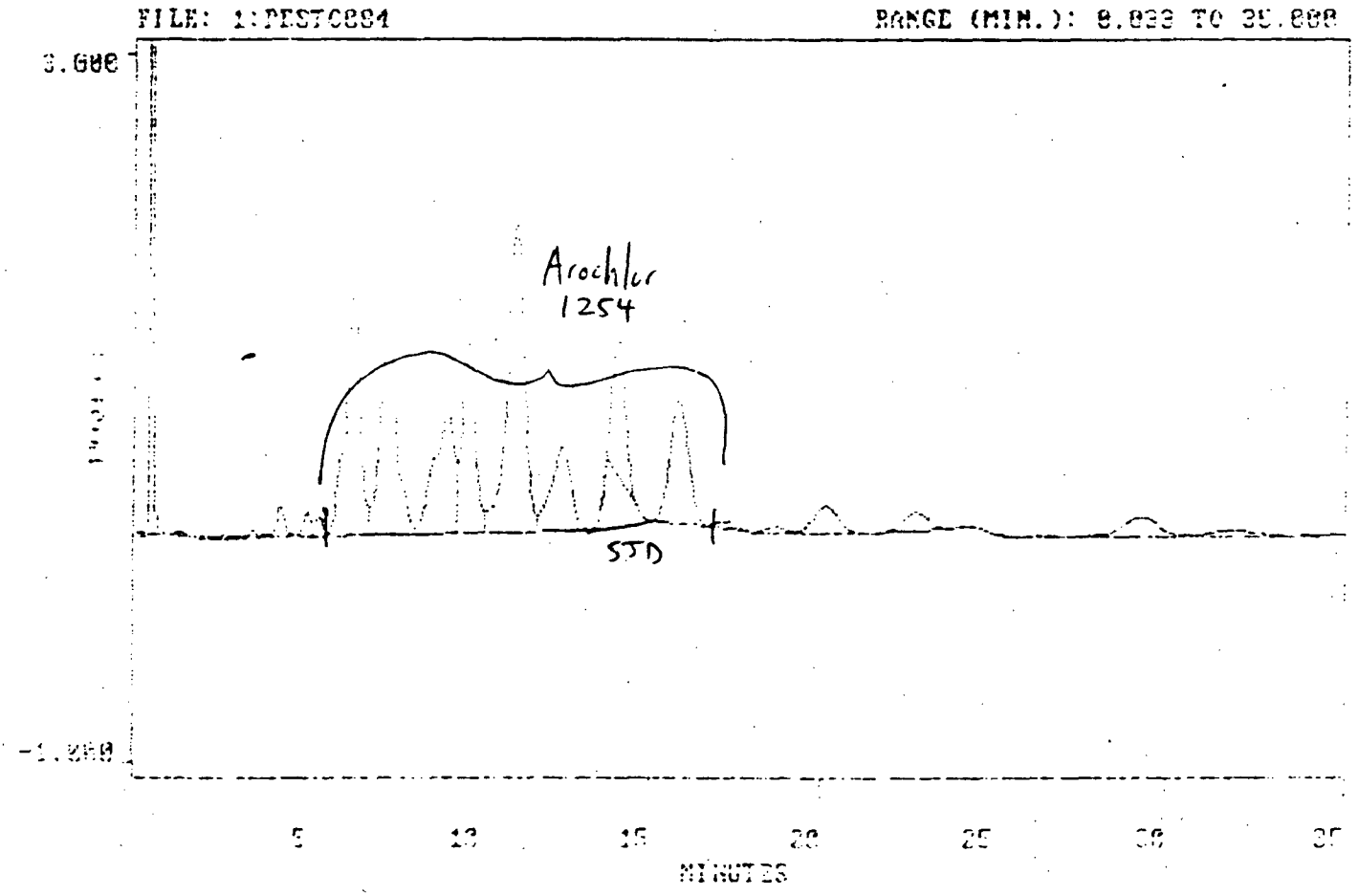
PS1798

Arochlor 1254

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 13 19 41 Date FRI 18 DEC 87

Time 09 09 18 Date FRI 18 DEC 87
Method FESTCLF



RF= 58.4

Channel # REINT Time 13 18 44 Date FRI 18 DEC 87

Sample name
Data file 1:PESTC084
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35 00 min Delay time 0 00 min
Acq time 09 59 18 Acq date FRI 18 DEC 87
Start FW 20 00 sec End FW 150 00 sec
Actual FW 140 0
Slope sens 0 70 uv/sec

AREA PERCENT REPORT

Peak	R T (min)	R S	Peak name	Area %	Area	Peak Ht	BL
1	0 702			60.707	481785	175034	VB
2	1 217			0 109	865	32	BB
3	2 141			0 075	595	24	BV
4	2 497			0 070	556	25	VV
5	3 453			0 062	491	51	VV
6	4 265			0 384	3049	184	VV
7	5 028			0 295	2338	149	VV
8	5 369			0 234	1855	120	VV
9	6 298			5 100	40471	1451	VV
10	7 344			5 128	40694	1215	VV
			Aroclor 1254		Σ_A = 291810		
11	7 965			3 861	30638	721	VV
12	8 190			3 671	29134	1111	VV
13	11 003			8 019	63640	1804	VV
14	12 421			2 494	19791	500	VB
15	14 056			2 628	SJD 20,853 40,000	797	BF
16	15 870			3 463	27482	727	BB
17	17 155			0 169	1345	37	BB
18	18 683			0 160	1273	32	BV
19	20 170			1 023	8121	161	VB
20	22 023			0 706	5603	106	BB
21	26 517			0 066	526	8	BV
22	29 308			1 116	8859	115	VV
23	31 850			0 443	3519	34	VB
TOTALS				100 000	793623		

1263

PS 1732

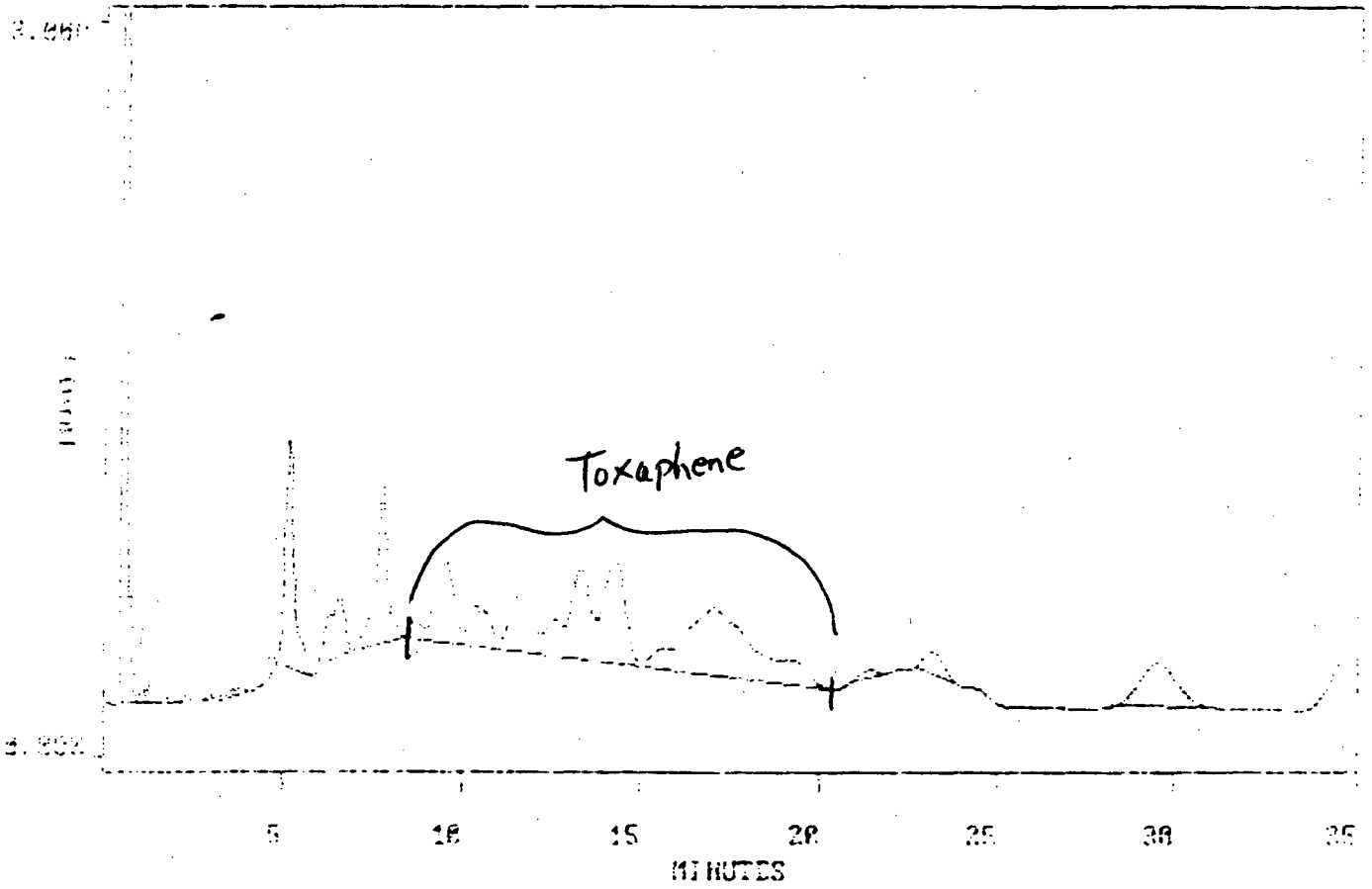
Toxaphene

Time 12:07 51 Date MON 04 JAN 88

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14 24 47 Date TUE 22 DEC 87
Method TOXCLP

FILE: 1:PESTC113 RANGE (MIN.): 0.833 TO 35.000



RF= 21.7

Channel #. . . .REINT Time 12:07:02 Date:MON 04 JAN 88

Sample name . . .
Data file 1 PESTC113
Method name . . . TOXCLP

Author . . . . . MLR
Instrument . . . TRACOR 550
Column . . . . . 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes . . . . . SUPELCOPORT

Run time . . . . 35 00 min Delay time . . 0 00 min.
Acq time . . . . 14 04 47 Acq date . . THE 11 DEC 87
Start FW . . . . 10 00 sec End FW . . . . 10 00 sec
Actual PW . . . 20 0 Actual PW . . 20 0
Chart Fens . . . 1 00 mv/sec

. 1
. 14

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0 569			83.771	891046	242496	BV
2	1 090			0 1c9	1783	335	VV
3	1 277			0 075	799	101	VV
4	1 508			0.049	517	90	VV
5	1 951			0 093	999	109	VB
6	2 060			0.019	202	28	BB
7	2 950			0 025	270	34	BB
8	3 077			0 097	1027	40	BB
9	4 743			0.099	1049	78	BB
10	5 176			1.550	16512	990	BB
11	5 563			0 714	7591	290	BB
12	7 747			1 473	15669	685	BB
13	14 279	Toxaphene		10 201	108510	443	BB
14	21 372			0.123	1310	35	BB
15	23 167			0 335	3563	96	BB
16	29 483			1 207	12836	184	BB
TOTALS				100 000	1063672		

PS 1730

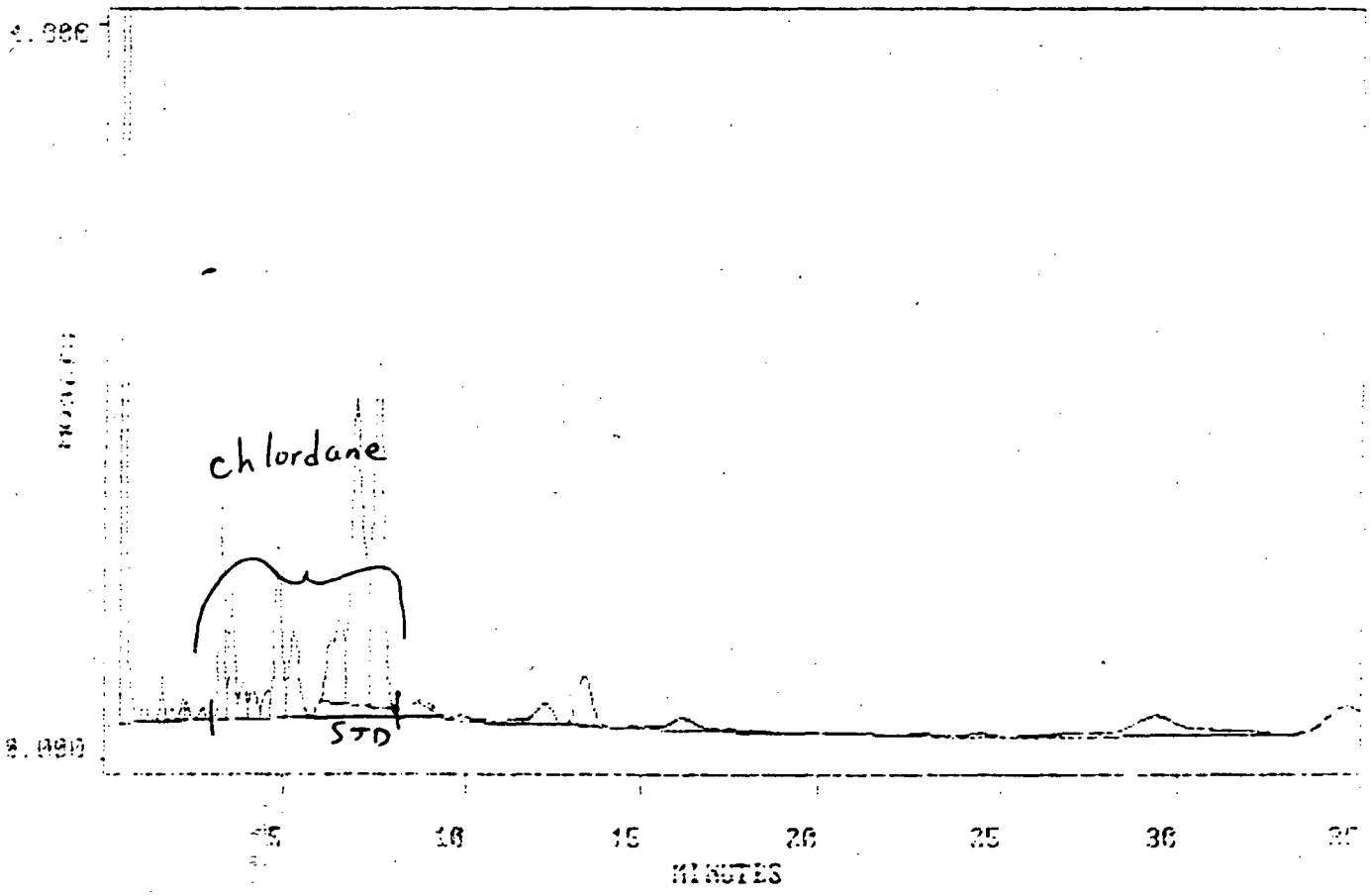
Chlordane

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14 36 30 Date WED 23 DEC 87

Time 15 01 04 Date TUE 22 DEC 87
Method PESTCLP

FILE: 1:PESTC114 RANGE (MIN.): 0.000 TO 35.000



RF = 57.5

Channel # RCINT Time 14 25 31 Date WED 23 DEC 87

Sample name
Data file 1 PESTC114
Method name PESTCIP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 30 00 min Delay time 0 00 min
Acq time 15 01 04 Acq date TUE 22 DEC 87
Start PW 20 00 sec End PW 150 00 sec
Actual PW 140 0
Slope sens 0 70 uv/sec

Area reject 500
Peaks fit 2 30

AREA PERCENT REPORT

Peak #	R T	Area	T S	Peak name	Area %	Area	Peak Ht	Pt
6	2	121			0 069	869	106	VV
7	2	518			0 056	841	74	VV
8	3	197			1 121	10926	1242	VV
9	3	503			0 759	7395	750	VV
10	3	884			0 274	2671	213	VV
					Chlordane		$\Sigma_A = 143694$	
11	4	185			0 254	2471	169	VV
12	4	572			0 222	2160	164	VV
13	4	877			1 396	13608	995	VV
14	5	333			0 920	8965	493	VB
15	6	583			1 361	13266	487	BV
16	7	017			4 409	42963 ± 10,000	1740	VV
17	7	634			4 030	39269 SD	1994	VB
18	8	056			0.087	850	32	BB
19	9	840			0.124	1208	32	BB
20	11	367			0.075	731	27	BV
21	12	259			0.380	3702	111	VB
22	13	400			0.839	8176	277	BB
23	15	050			0.062	602	13	BV
24	16	250			0.433	4224	67	VB
25	24	433			0.990	9644	17	BV

1267

27	27 444	1 386	13509	111	VE
TOTALS		100 000	974496		

PS1761

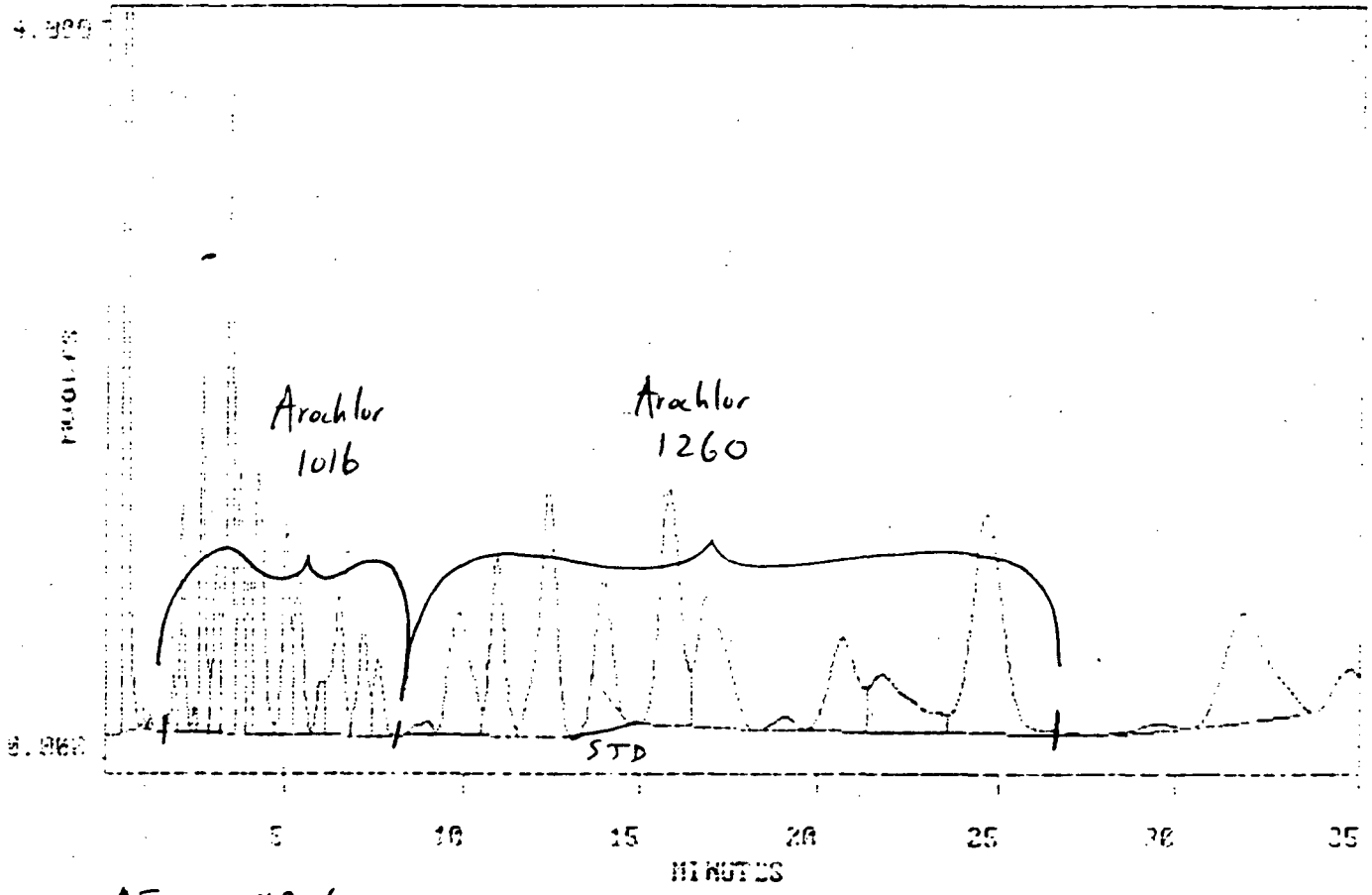
Arochlor 1016/1260

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14 30.06 Date WED 23 DEC 87

Time 15 37:20 Date TUE 22 DEC 87
Method PESTCLF

FILE: 1:PESTC11S RANGE (MIN.): 0.000 TO 35.000



$RF_{1016} = 43.4$

$RF_{1260} = 73.4$

1269

Channel # REINT Time 14 29 04 Date WED 23 DEC 87

Sample name
Data file 1 PEST1115
Method name PESTCL2

Author MLR
Instrument TRACOR 550
Column 1.5% SP-2251 1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Arg time 15 37 20 Acq date TUE 22 DEC 87
Start PW 20.00 sec End PW 150.00 sec
Actual PW 140.0
Attenuation 0.70 uv/sec

Area reject 200
Peak width 02

AREA PERCENT REPORT

Peak #	RT (min)	R/S	Peak name	Area %	Area	Peak Ht	BC
	1.112			32.113	215371	1334.174	VB
				0.141	944	31.1	VV
				0.381	2555	111.1	BB
				0.119	799	31.8	VV
				0.047	314	11.1	VV
1	2.134			0.066	10274	1304	VB
2	3.304			0.096	1330	160	BV
3	3.712			1.253	19041	2070	VV
9	3.[illegible]			0.813	12541	949	VV
10	3.870			2.783	42958	3827	VV
11	3.736			1.086	16767	1481	VV
12	4.340			0.680	10493	1003	VV
13	4.910			1.696	26023	1483	VV
14	5.000			1.202	18549	1198	VV
15	5.395			0.902	13921	913	VV
16	6.011			0.310	4780	309	VV
17	6.470			1.148	17738	789	VV
18	7.193			0.812	12541	591	VV
19	7.611			0.489	7543	428	VB
20	8.978			0.172	2649	83	BV
21	9.888			1.911	29505	687	VV
22	10.961			1.820	28088	1007	VV
23	12.418			3.123	48202	1380	VB
24	13.997			1.077	16626	623	BB
25	15.951			3.578	55227	1310	BV

Aroclor 1016 $\Sigma_A = 217042$

SSD 15492 6000

Aroclor 1260

1270

1271

19	19 304	0 223	3581	81	DA
20	20 729	1 849	26845	522	VV
29	21 810	1 749	27001	325	VV
30	29 719	4 925	76027	1217	VE
31	20 592	0 159	3460	87	EB
32	31 915	3 376	52130	601	EE
TOTALS		100 000	1543624		

$\Sigma_A = 366805$

+ 550

1272

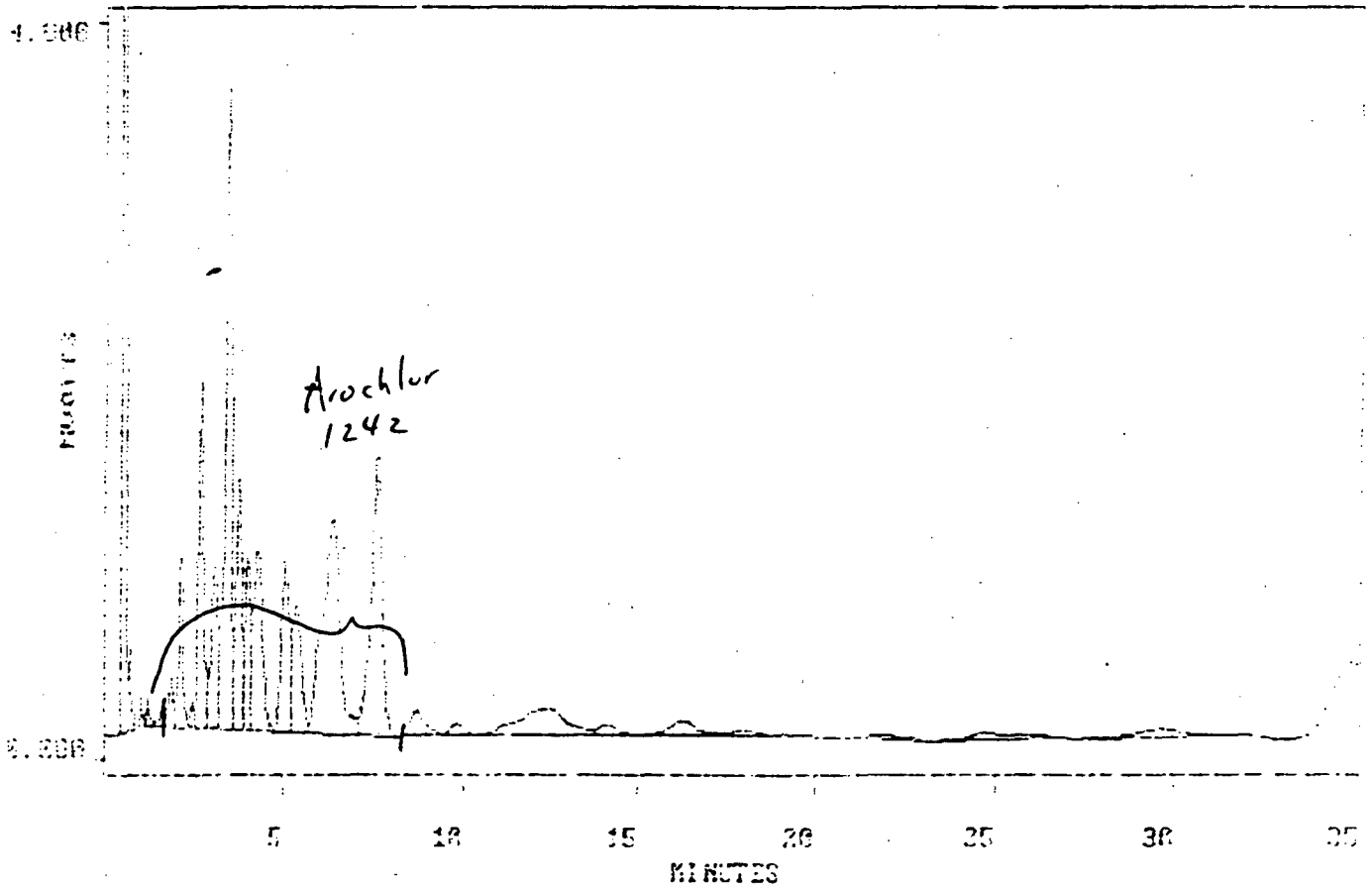
PS 1764

Arochlor 1242

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14 38 36 Date WED 23 DEC 87
Time 16 13 37 Date TUE 22 DEC 87
Method: PESTCLP

FILE: 1:PESTC116 RANGE (MIN.): 0.833 TO 35.000



$RF_{1242} = 45.3$

1273

Channel # REINT Time 14:32:40 Date WED 23 DEC 87

Sample name
Data file 1:FESTC116
Method name FESTCLP

Author MLR
Instrument TRACOR 550
Column 1.5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 30.00 min Delay time 0.00 min
Acq time 14:18:37 Acq date TUE 22 DEC 87
Start FW 20.00 sec End FW 150.00 sec
[illegible] FW 140.0
[illegible]

[illegible]
[illegible]

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area	Peak Ht	BL
1	3.561			72.001	679481	317419	BB
2	1.200			0.103	973	152	BV
3	1.779			0.149	1401	106	VV
4	[illegible]			0.202	1911	221	VV
5	3.158			0.772	7287	956	VB
6	3.905			0.117	1105	149	BV
7	4.713			1.963	18523	2074	VV
8	5.130			1.262	11905	921	VV
9	5.479			4.329	40851	3692	VV
10	6.709			1.642	15496	1420	VV
11	6.941			1.117	10538	967	VV
12	7.020			1.782	16821	1012	VV
13	7.674			1.656	15630	962	VV
14	8.397			1.188	11211	717	VV
15	8.879			4.211	39738	1206	VV
16	9.631			3.788	35747	1602	VB
17	10.746			0.390	3677	135	BV
18	11.867			0.170	1604	60	VV
19	12.450			1.501	14164	146	VV
20	14.167			0.225	2121	54	VB
21	16.283			0.439	4141	80	BV
22	18.033			0.118	1118	28	VB
23	21.867			0.101	950	12	BB
24	24.867			0.435	4104	38	BB
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]

Aroclor 1242

$\Sigma_A = 226731$

1274

PS1767

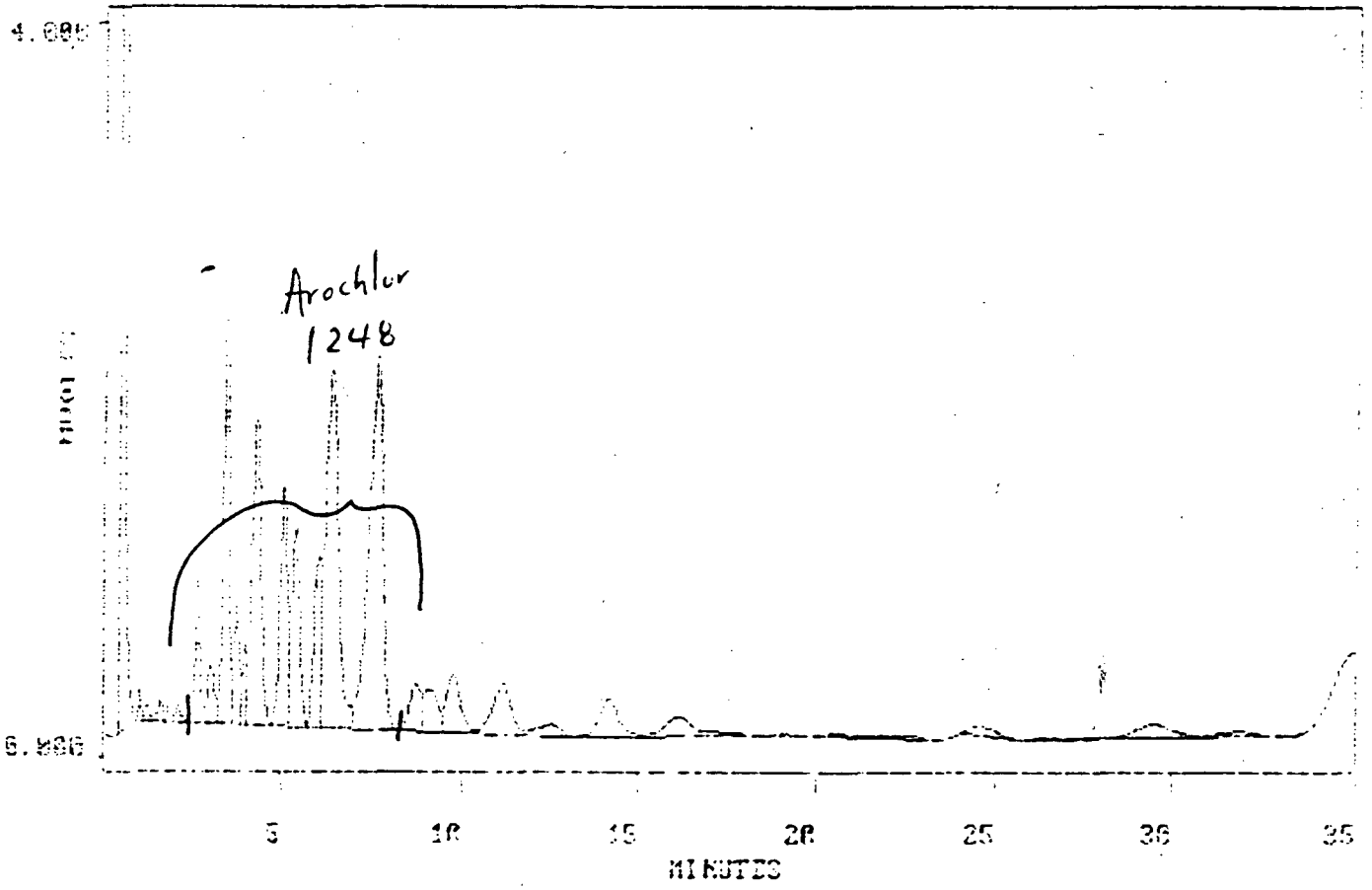
Arochlor 1248

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14:38:10 Date WED 23 DEC 87

Time 16 49 54 Date TUE 22 DEC 87
Method PESTCLP

FILE: 1:PESTC117 RANGE (MIN.): 0.833 TO 35.000



$RF_{1248} = 47.2$

1275

Channel # REINT Time 14:37:11 Date WED 23 DEC 87

Sample name
Data file 1:PESTC117
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 35.00 min Delay time 0.00 min
Acq time 14:49:34 Acq date TUE 22 DEC 87
Start PW 20.00 sec End PW 150.00 sec
Actual PW 140.0
Slope sens 0.70 uv/sec

Area reject 210
peaks found 16

AREA PERCENT REPORT

Peak #	RT (min)	RS	Peak name	Area %	Area	Peak Ht	BL
1	3.341			72.881	794778	144091	BV
2	3.611			1.141	12444	1111	VV
3	3.851			1.867	20360	1791	VV
4	3.979			1.013	11041	1000	VV
5	4.111			1.098	11971	1040	VV
6	4.311			0.082	899	99	VV
7	4.700			0.691	7590	850	VV
8	4.970			0.414	4544	333	VV
9	5.494			2.410	26453	2364	VV
10	6.001			0.701	7689	699	VV
11	6.078			0.337	3697	470	VV
12	6.305			2.744	30336	1728	VV
13	6.982			1.819	19969	1358	VV
14	7.420			1.499	16346	1121	VV
15	8.083			1.250	13717	990	VV
16	8.378			4.407	48372	2035	VV
17	9.641			5.239	57500	2132	VV
18	10.756			0.561	6157	266	VV
19	11.150			0.574	6296	241	VV
20	11.807			0.812	8908	328	VV
21	13.197			1.027	11268	285	VV
22	14.550			0.165	1810	64	VB
23	16.222			0.734	8052	208	BV
24	18.220			0.624	6852	109	VB
25	20.703			0.132	1449	16	BV

Aroclor 1248

$\Sigma_A = 236213$

27	24 671	0.171	1990	43	EB
28	29 593	0.488	5353	71	VV
29	31.908	0.162	1782	26	VB
TOTALS		100.000	1097642		

9121

1277

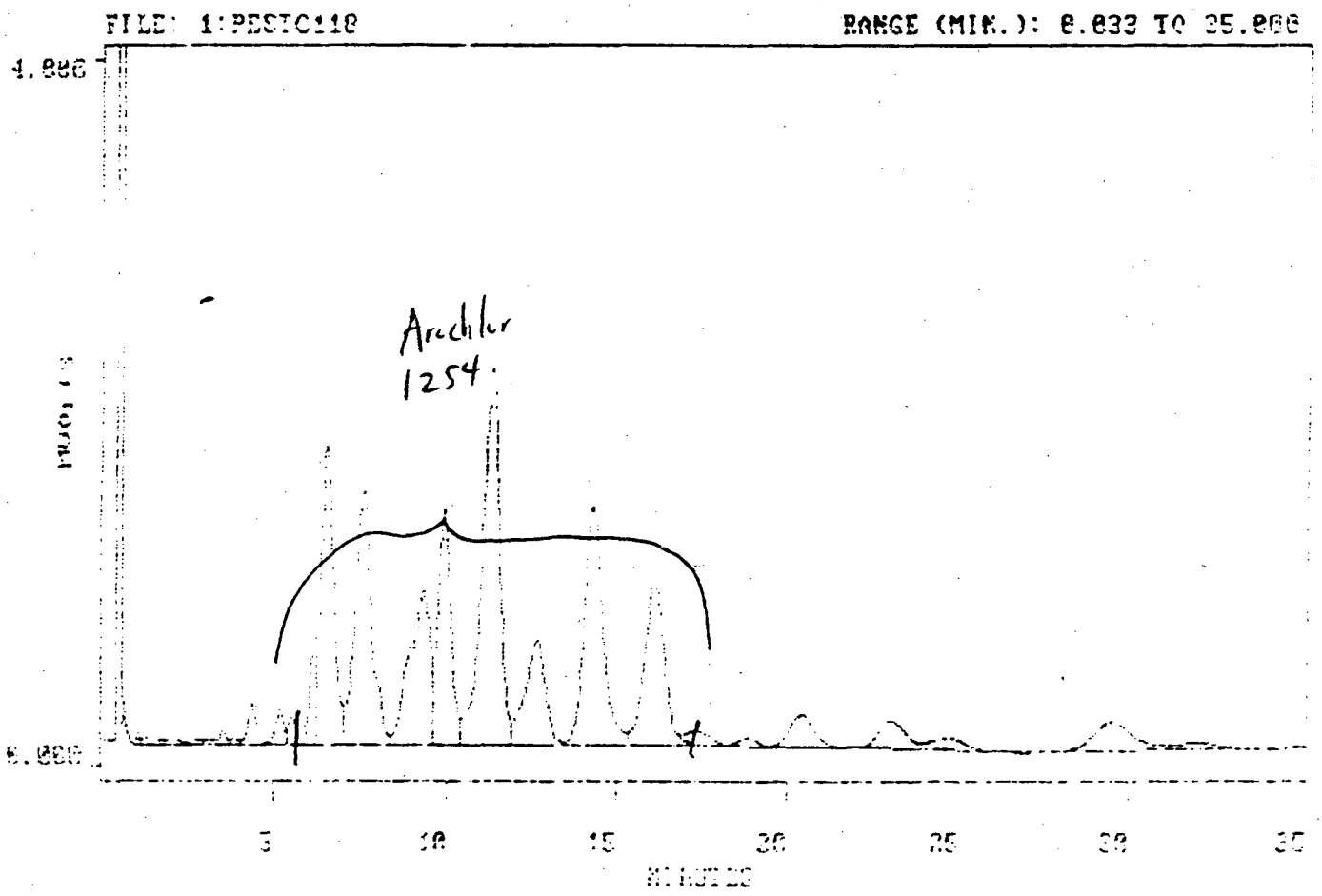
PS 1798

Arochlor 1254

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14 41 44 Date WED 23 DEC 87

Time 17 26 08 Date TUE 22 DEC 87
Method PESTCLP



$RF_{1254} = 74.9$

1278

Channel # REINT Time:14:40:46 Date:WED 23 DEC 87

Sample name
Data file : PESTC118
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUTELCOPORT

Run time 30 00 min Delay time 0 00 min
Acq time 17 26 08 Acq date TUE 22 DEC 87
Start FW 20 00 sec End FW 150 00 sec
Actual FW 141 0

AREA PERCENT REPORT

Peak	R T (min	R/S	Peak name	Area %	Area	Peak Ht	BL
1	0 567			58 380	605816	185585	BB
2	1 07.			0 079	820	35	VV
3	3 074			0 098	1017	50	VV
4	4 401			0 381	3958	240	VV
5	5 194			0 287	2983	199	VV
6	5 545			0 227	2359	138	VV
7	6 149			0 788	8172	626	VV
8	6 487			4 132	42881	1796	VV
9	7 569			5 007	51961	1505	VV
10	9 010			3 742	38831	901	VV
11	9 942			3 475	36061	1387	VV
12	11 054			7 554	78390	2231	VV
13	12 683			2 388	24781	613	VV
14	14 303			5 148	53423	1411	VV
15	16 131			3 878	40238	959	VE
16	17 333			0 336	3485	76	BB
17	18 867			0 145	1506	47	BB
18	20 476			0 874	9068	184	BB
19	23 103			0 890	9237	162	BV
20	24 789			0 466	4835	71	VB
21	29 556			1 371	14223	170	VV
22	32 011			0 354	3669	46	VB
TOTALS				100 000	1037711		

Aroclor 1254 $\Sigma_A = 374738$

H2M LABS, INC.

V. Raw Q.C. Data Package

1. Tuning
2. Blank
3. Spike and Spike Duplicate

for scans:

X	GC/MS Volatiles
X	GC/MS Extractables
X	Pesticides/PCB's
	GC Volatiles

PU6277 # 192 BASE M/Z: 95
PU6277 # 2 RIC: 21120.

LONG BFB

(S 15B 2N 0T)

0.00 0.00 0. MINIMA MIN INTEN. 0.
0 MAXIMA

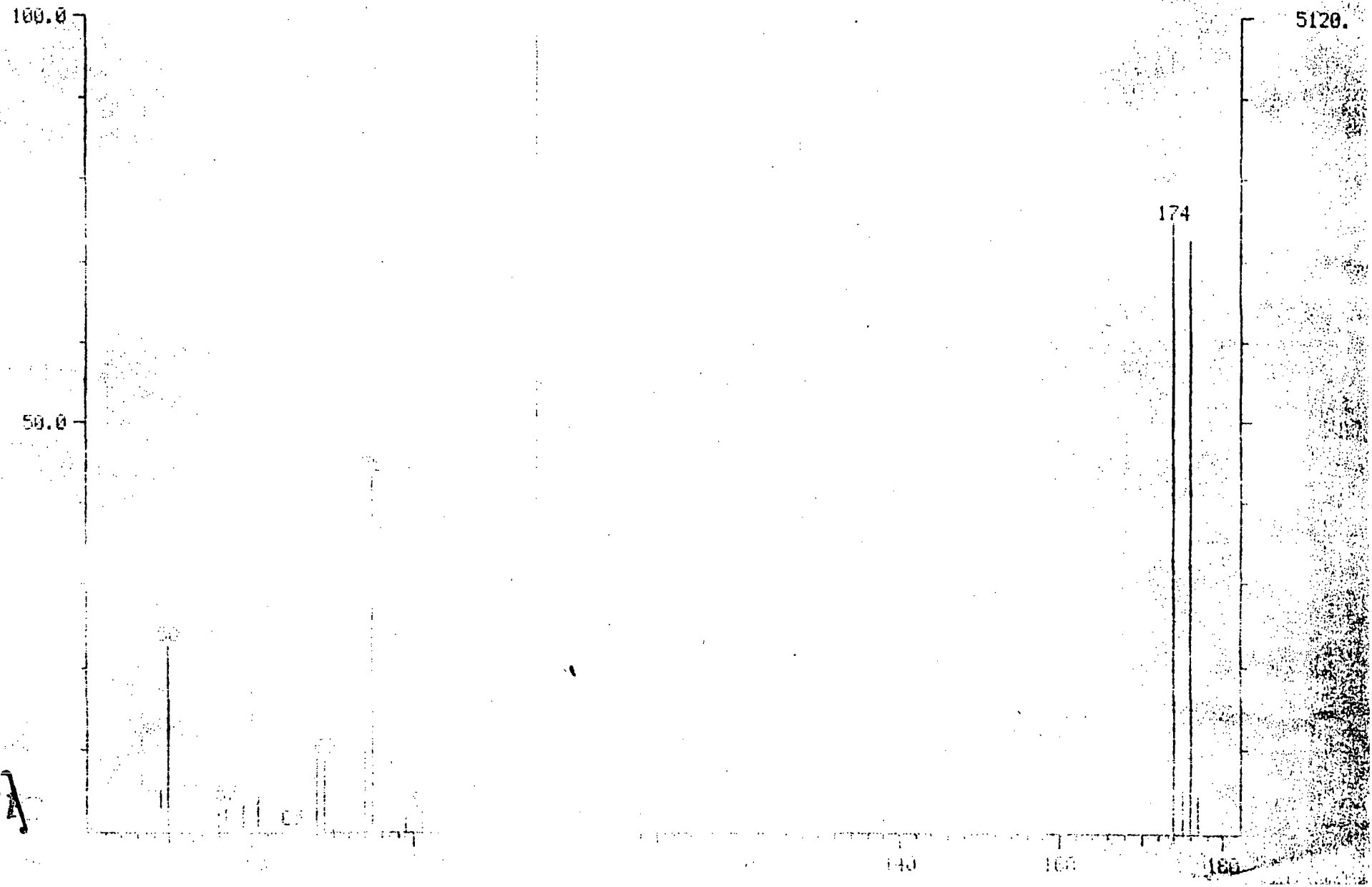
	% RA	% RIC	
	0.55	0.13	28.
	5.08	1.23	260.
	22.90	5.54	1174.
	2.32	0.56	119
	3.40	0.84	170
	3.18	0.77	163
	4.57	1.11	234
	0.55	0.13	28.
	0.40	0.09	21
	0.93	0.34	70
	6.76	1.64	346
	4.92	1.19	252
	0.11	0.03	6
	0.19	0.05	10
	0.34	0.08	17
	0.13	0.03	7
	0.15	0.04	8
	0.13	0.03	7
	0.13	0.03	7
	71.84	17.39	3681.
	4.71	1.14	241.

1280

BASE SPECTRUM
08/28/85 13:31:03 +
SAMPLE: 500G BFB
CONDS.:
ENHANCED (S 150 2N 0)

DATA: PU6277 #192
CAL: PU6277 #2

BASE M/Z: 95
RIC: 21120.



1281

MASS [illegible] DATA [illegible] # 192 BASE M/Z: 95
[illegible] 36 CALI [illegible] # 2 RIC: 19392
SAMPLE: [illegible]
CONDS: [illegible]
ENHANCED [illegible]

[illegible] 0 [illegible] MIN INTEN: 0
\# 0 [illegible]

MASS	%RIC	INTEN
[illegible]	[illegible]	[illegible]
50.00[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

1282

MASS SPECTRUM
08/27/86 9:51:00 # 3:35
SAMPLE: 50NG BPB
CONDS.:
ENHANCED (S 150 2U 0T)

BASE M/Z: 35
RIC: 19392.

MASS LIST
12/14/87 16 50:00 + 9:24
SAMPLE: 500 NG BFB
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7840 # 188
CALI: PU7840 # 2

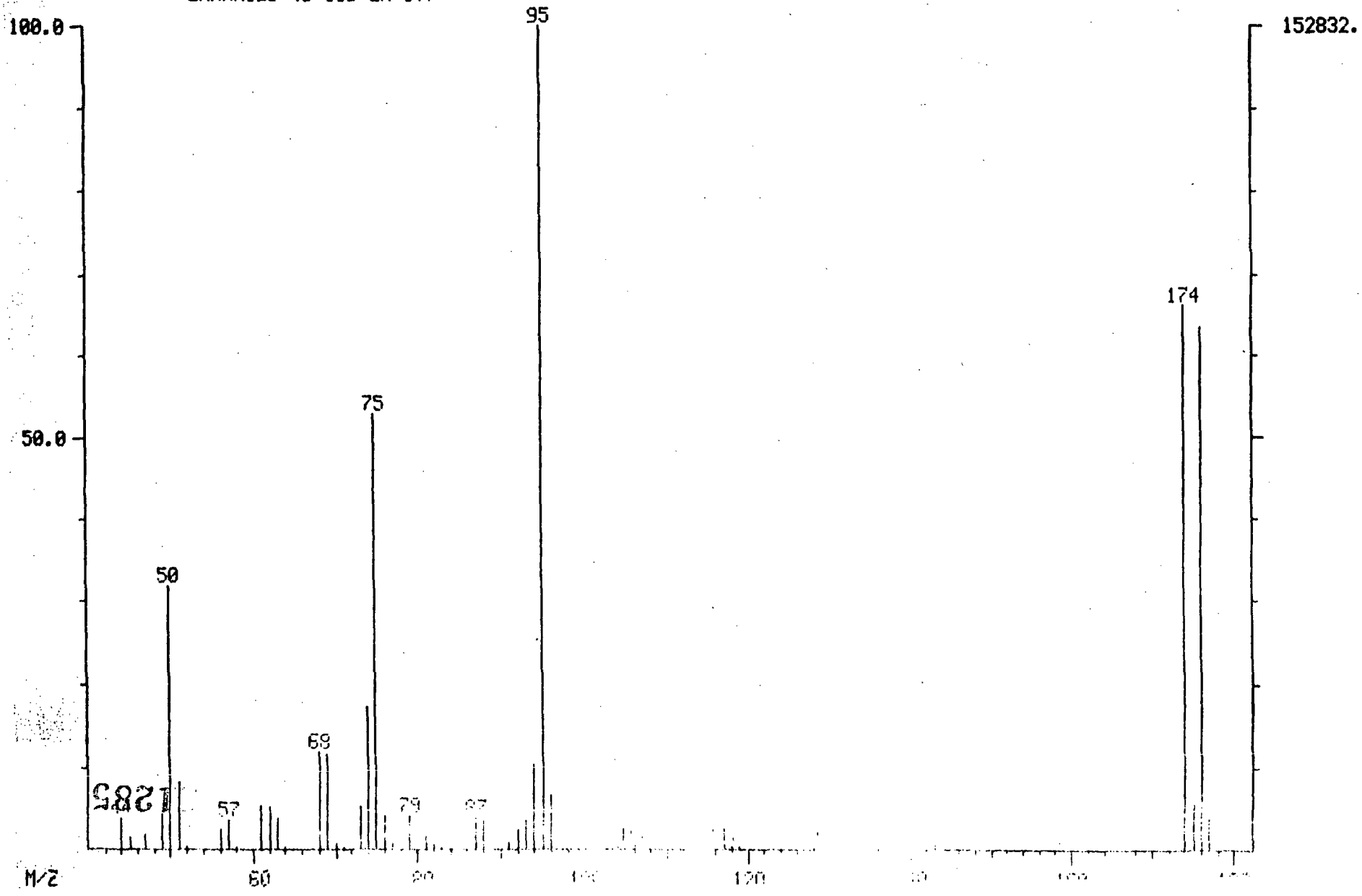
BASE M/Z: 95
RIC: 709632.

44	0.00	0 00	0.	MINIMA	MIN INTEN: 0.
177			# 0	MAXIMA	
MASS	% RA	% RIC	INTEN.		
44.00?	3.98	0.86	6080.		
45.00?	1.58	0.34	2420.		
47.00?	1.80	0.39	2752.		
49.00?	4.68	1.01	7160.		
50.00?	31.91	6.87	48768.		
51.00?	8.27	1.78	12640.		
52.00?	0.39	0.08	593.		
56.00?	2.59	0.56	3956.		
57.00?	3.86	0.83	5904.		
58.00?	0.25	0.05	379.		
61.00?	5.52	1.19	8432.		
62.00?	5.33	1.15	8152.		
63.00?	3.94	0.85	6016.		
64.00?	0.26	0.06	392.		
68.00?	11.96	2.57	18272.		
69.00	11.64	2.51	17792.		
70.00	0.90	0.19	1380.		
[illegible]	0.24	0.05	364.		
76.00	5.46	1.18	8352.		
[illegible]	[illegible]	2.73	26496.		
[illegible]	[illegible]	11.40	80896.		
[illegible]	4.67	[illegible]	6528.		
[illegible]	0.71	0.15	1080.		
79.00	4.28	0.92	6536.		
[illegible]	[illegible]	0.46	3268.		
[illegible]	[illegible]	0.20	1384.		
86.00	0.17	0.04	264.		
87.00	4.02	0.87	6144.		
88.00	3.82	0.82	5832.		
91.00	0.81	0.18	1244.		
92.00	2.81	0.61	4296.		
93.00	3.74	0.81	5720.		
[illegible]	10.41	2.24	15904.		
[illegible]	100.00	21.54	152832.		
[illegible]	6.67	1.44	10192.		
100.00	0.35	0.08	533.		
104.00	0.53	0.11	803.		
117.00	0.52	0.11	789.		
118.00	0.14	0.03	211.		
119.00	0.39	0.08	601.		
128.00	0.20	0.04	311.		
139.00	0.26	0.05	390.		
141.00	0.94	0.20	1434.		
143.00	0.99	0.21	1506.		
174.00	66.08	14.23	100992.		
175.00	5.78	1.24	8832.		
176.00	63.48	13.67	97024.		
177.00	4.07	0.88	6224.		

MASS SPECTRUM
12/14/87 16:50:00 + 9:24
SAMPLE: 500 NG BFB
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7840 #188
CALI: PU7840 #2

BASE M/Z: 95
RIC: 703632.



MASS LIST
12/16/87 5:00:00 + 5:00
SAMPLE: 50 NG BFB
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7851 # 100
CALI: PU7851 # 2

BASE M/Z: 95
RIC: 517120.

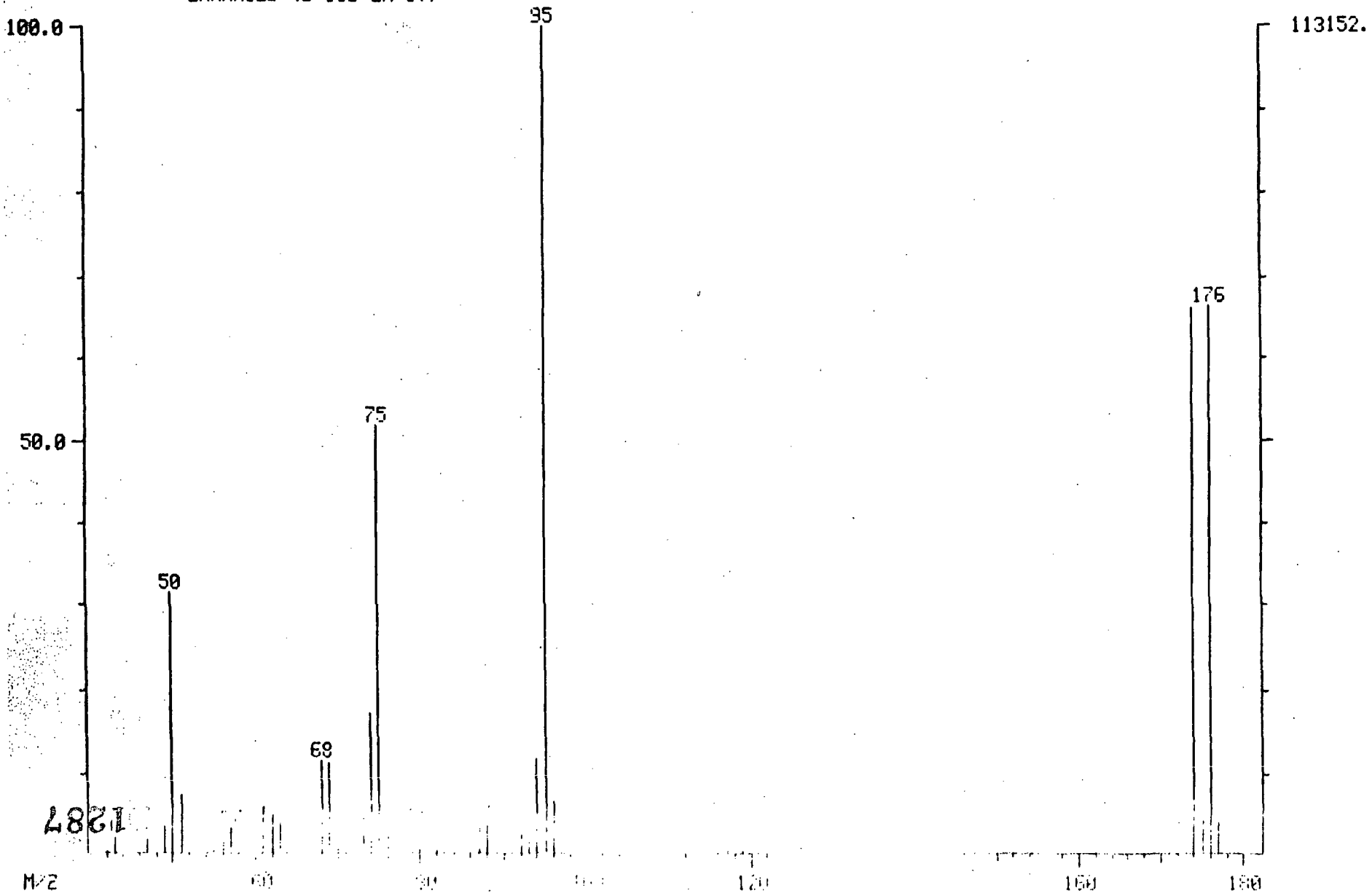
42 0.00 0.00 0. MINIMA MIN INTEN: 0.
177 # 0 MAXIMA

MASS	% RA	% RIC	INTEN.
42.00?	0.27	0.06	305.
43.00?	2.15	0.47	2432.
47.00?	1.95	0.43	2204.
49.00?	3.86	0.84	4368.
50.00?	31.79	6.96	35968.
51.00?	7.64	1.67	8640.
52.00?	0.12	0.03	131.
55.00?	0.66	0.14	746.
56.00?	1.65	0.36	1868.
57.00?	3.38	0.74	3820.
61.00?	6.08	1.33	6880.
62.00?	5.13	1.12	5800.
63.00?	3.97	0.87	4496.
64.00?	0.11	0.02	126.
68.00?	11.60	2.54	13120.
69.00	11.37	2.49	12864.
70.00	0.93	0.20	1052.
71.00	0.23	0.05	258.
73.00	4.81	1.05	5448.
[illegible]	17.22	3.77	19488.
[illegible]	51.87	11.35	58688.
[illegible]	4.37	0.96	4944.
[illegible]	0.57	0.12	643.
79.00	3.81	0.83	4312.
[illegible]	2.65	0.58	2996.
[illegible]	0.92	0.20	1046.
[illegible]	0.31	0.07	346.
87.00	4.03	0.88	4560.
88.00	3.74	0.82	4232.
92.00	2.56	0.56	2896.
93.00	3.81	0.83	4312.
94.00	11.74	2.57	13280.
95.00	100.00	21.88	113152.
96.00	6.60	1.44	7472.
97.00	0.11	0.02	128.
106.00	0.46	0.10	520.
116.00	0.26	0.06	292.
117.00	0.61	0.13	695.
119.00	0.37	0.08	417.
130.00	0.15	0.03	173.
141.00	0.94	0.21	1066.
143.00	0.92	0.20	1046.
174.00	66.18	14.48	74880.
175.00	4.19	0.92	4744.
176.00	66.52	14.55	75264.
177.00	3.95	0.86	4464.

MASS SPECTRUM
12/16/87 5:00:00 + 5:00
SAMPLE: 50 NG BFB
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7851 #100
CALI: PU7851 #2

BASE M/Z: 95
RIC: 517120.



1287

MASS LIST
12/16/87 10:54:00 + 10:03
SAMPLE: 50 NG BFB
CONDS. :
ENHANCED (S 15B 2N 0T)

DATA: FU7859 # 201
CALI: FU7859 # 2

BASE M/Z: 95
RIC: 340992.

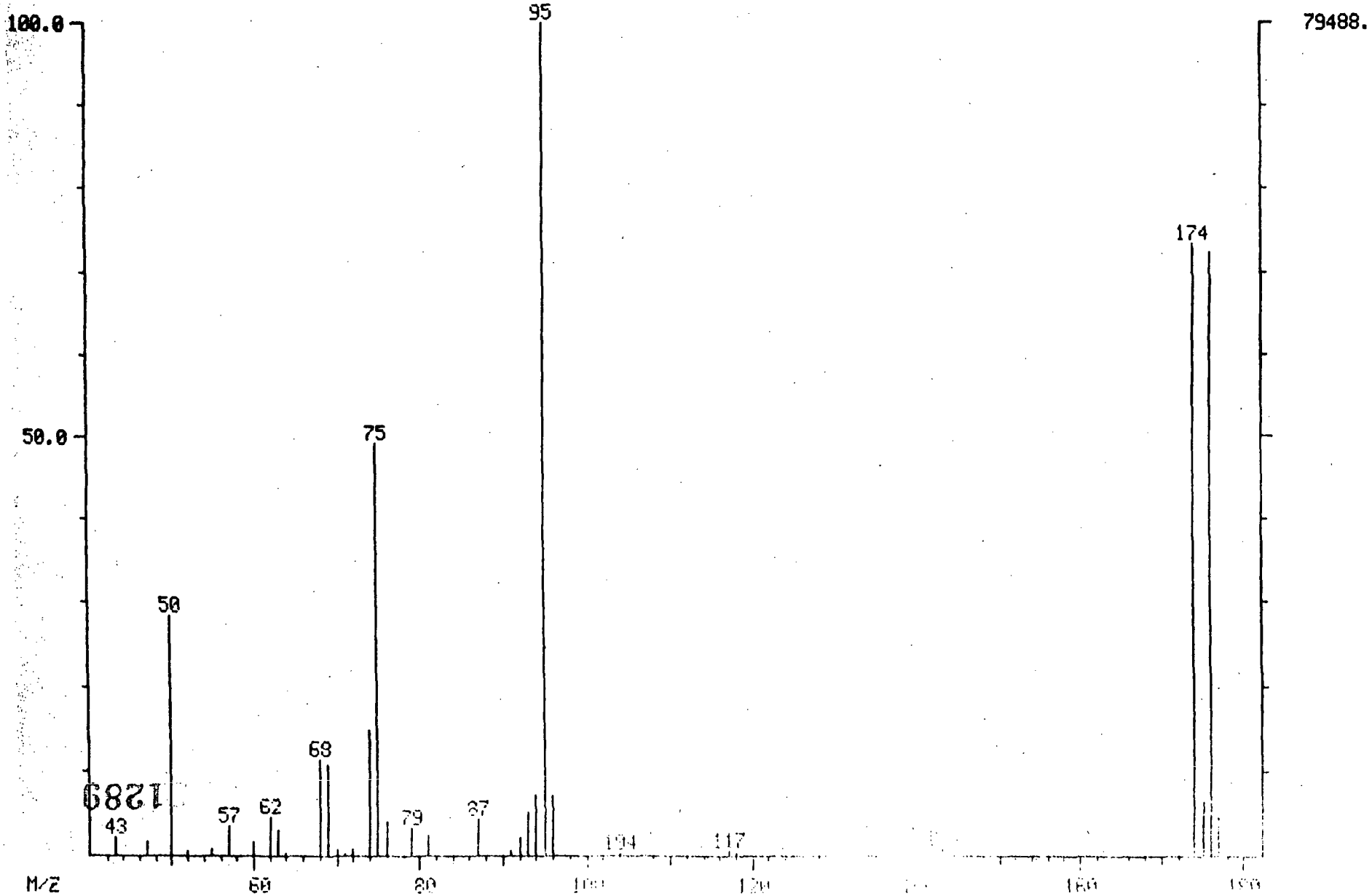
43 0.00 0.00 0. MINIMA MIN INTEN: 0.
177 # 0 MAXIMA

MASS	% RA	% RIC	INTEN.
43.00?	2.21	0.51	1754.
47.00?	1.52	0.35	1208.
50.00?	28.50	6.64	22656.
52.00?	0.45	0.10	355.
55.00?	0.77	0.18	612.
57.00?	3.62	0.84	2880.
60.00?	1.62	0.38	1288.
62.00?	4.49	1.05	3568.
63.00?	3.07	0.72	2444.
64.00?	0.19	0.04	151.
67.00?	0.12	0.03	99.
68.00?	11.25	2.62	8944.
69.00	10.69	2.49	8496.
70.00	0.84	0.20	665.
71.00	0.22	0.05	172.
72.00	0.84	0.20	667.
74.00	14.92	3.48	11856.
75.00	49.11	11.45	39040.
76.00	4.07	0.95	3236.
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
95.00	100.00	23.31	79488.
96.00	6.93	1.62	5512.
104.00	0.38	0.09	304.
117.00	0.56	0.13	442.
118.00	0.15	0.04	121.
143.00	0.75	0.18	600.
174.00	73.35	17.10	58304.
175.00	6.55	1.53	5208.
176.00	72.22	16.84	57408.
177.00	4.66	1.09	3708.

MASS SPECTRUM
12/16/87 10:54:00 + 10:03
SAMPLE: 50 NG BFB
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7859 #201
CALI: PU7859 #2

BASE M/Z: 95
RIC: 340392.



1289

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Instrument Blank
Date Ext: Date Anal: 12/14/87
Conc./Dil. factor: Conc: Low

RESULTS FOR PRIORITY POLLUTANTS ANALYSIS
PURGEABLE ORGANICS

Scan #	C.A.S. Number		ug/l
	74-87-3	Chloromethane	10U
	74-83-9	Bromomethane	10U
	75-01-4	Vinyl Chloride	10U
	75-00-3	Chloroethane	10U
132	75-09-2	Methylene Chloride	6
	75-35-4	1,1-Dichloroethene	5U
	75-34-3	1,1-Dichloroethane	5U
	156-60-5	cis/trans-1,2-Dichloroethene	5U
	67-66-3	Chloroform	5U
	107-02-2	1,2-Dichloroethane	5U
	75-69-4	Trichlorofluoromethane	5U
	71-55-6	1,1,1-Trichloroethane	5U
	56-23-5	Carbon tetrachloride	5U
	75-27-4	Bromodichloromethane	5U
	70-87-5	1,2-Dichloropropane	5U
	10061-02-6	trans-1,3-Dichloropropene	5U
	79-01-6	Trichloroethene	5U
	124-48-1	Dibromochloromethane	5U
	79-00-5	1,1,2-Trichloroethane	5U
332	71-43-2	Benzene	2J
	10061-01-5	cis-1,3-Dichloropropene	5U
	110-75-6	2-Chloroethylvinylether	10U
	75-25-2	Bromoform	5U
	127-18-4	Tetrachloroethene	5U
	79-34-5	1,1,2,2-Tetrachloroethane	5U
	108-88-3	Toluene	5U
	108-90-7	Chlorobenzene	5U
	100-41-4	Ethylbenzene	5U
	541-72-1	1,3-Dichlorobenzene	5U
	95-50-1	1,2-Dichlorobenzene	5U
	106-46-7	1,4-Dichlorobenzene	5U

Date Reported: 01/05/87

****
* *
* *
****

John J. Molloy, P.E.
Laboratory Director

1290

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575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

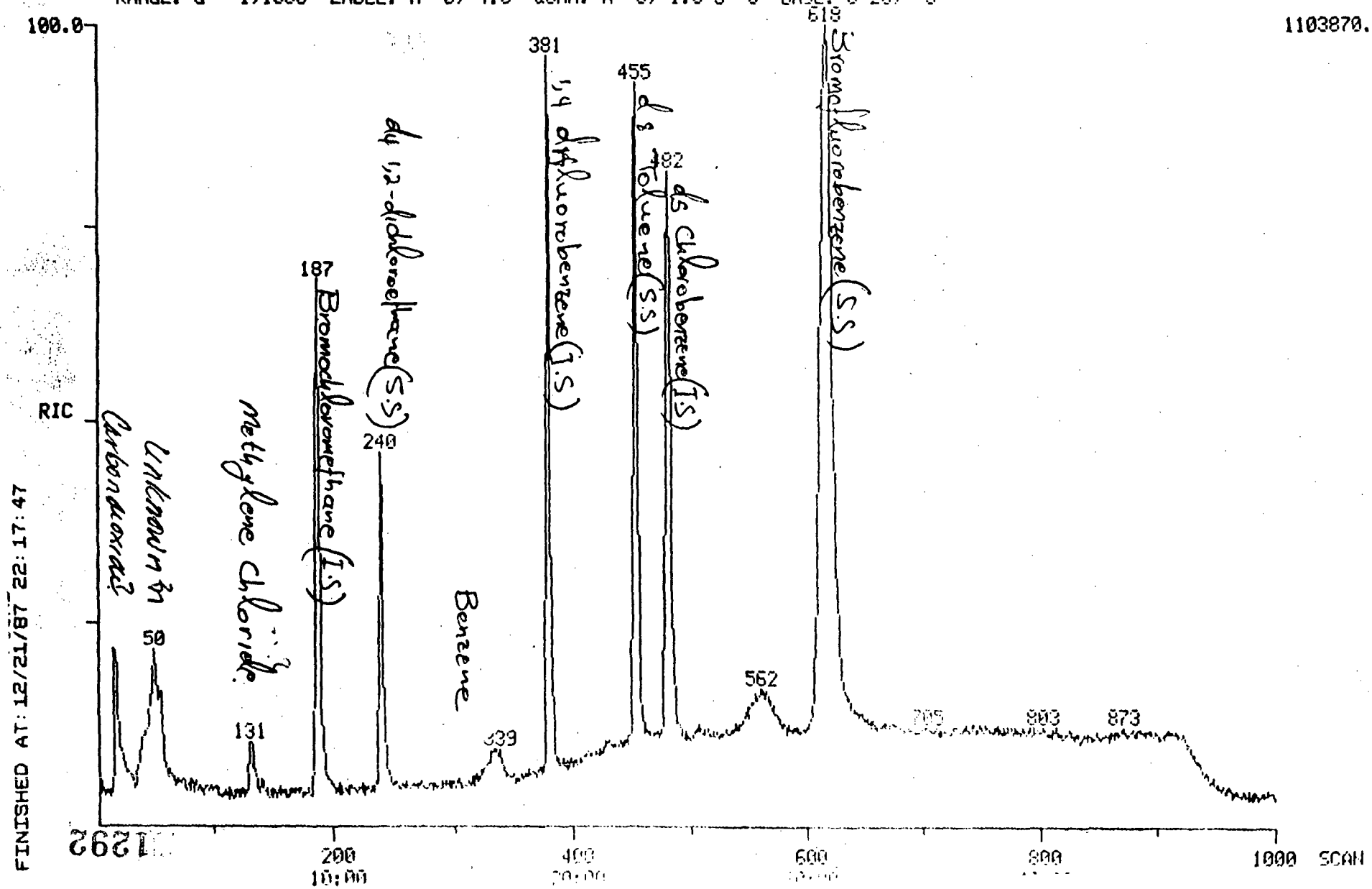
Sample Lab No. Instrument Blank
PU7842

Tentatively Identified Compounds

C.A.S. Number	Compound Name	% Probability Fit	% Probability RFit	Scan #	Estimated Concentration ug/l
124-38-9	Carbon dioxide	100	79	15	20J
--	Unknown	--	--	50	29J

Date Reported: 01/05/87

John J. Molloy, P.E.
Laboratory Director


RIC
12/14/87 19:15:00
SAMPLE: 50NGBFB INST, BLANK
CONDS.:
DATA: PU7842 #1
CALI: PU7842 #2
SCANS 1 TO 1000
RANGE: G 1,1000 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
100.0
1103870.
RIC
FINISHED AT: 12/21/87 22:17:47
Carbon dioxide
Unknown
50
131
Methylene chloride
187
Bromochloromethane (I.S.)
240
d4 1,2-dichloroethane (S.S.)
Benzene
339
381
1,4 difluorobenzene (I.S.)
455
d5 Toluene (S.S.)
482
d5 Chlorobenzene (I.S.)
562
618
Bromofluorobenzene (S.S.)
705
803
873
200
400
600
800
1000 SCAN

QUANTITATION REPORT FILE: PU7842

DATA: PU7842.TI
12/14/87 19:15:00
SAMPLE: INST. BLANK
CONDS.:
SUBMITTED BY: NO. SEA ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	D8-TOLUENE(SURR. STD)
49	BROMOFLUORBENZENE(SURR. STD)

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	187	9:21	1	1.000	A BB	428522.	50.000	UG/L	8.93
2	65	240	12:00	1	1.283	A BB	562379.	39.531	UG/L	7.06
3	50	39	1:57	1	0.209	A BV	15508.	1.371	UG/L	0.24
4	94	62	3:06	1	0.332	A VB	5378.	0.583	UG/L	0.10
5	NOT FOUND									
6	64	96	4:48	1	0.513	A BB	1334.	0.137	UG/L	0.02
7	84	132	6:36	1	0.706	A VV	99102.	5.907	UG/L	1.06
8	42	108	5:24	1	0.578	A*BB	7542	1.248	UG/L	0.22
9	NOT FOUND									
10	96	180	9:00	1	0.963	A BV	7822.	0.641	UG/L	0.11
11	NOT FOUND									
12	96	216	10:48	1	1.155	A*BV	3487.	0.272	UG/L	0.05
13	83	228	11:24	1	1.219	A*VB	9017.	0.264	UG/L	0.05
14	62	237	11:51	1	1.267	A*BB	1851.	0.063	UG/L	0.01
15	101	154	7:42	1	0.824	A BB	740.	0.035	UG/L	0.01
16	85	76	3:48	1	0.406	A*VB	2685.	11.648	UG/L	3.08
17	56	142	7:06	1	0.758	A*BV	12828.	21.076	UG/L	3.76
18	53	159	7:57	1	0.850	A*BB	2657	113.873	UG/L	20.36
19	114	381	19:03	19	1.000	A BB	1658860.	50.000	UG/L	8.93

~~44~~	~~46~~	~~176~~	~~9:54~~	~~19~~	~~0.447~~	~~A BB~~	~~24666.~~	~~4.65~~	~~UG/L~~	~~0.76~~
21	97	206	10:18	19	0.541	A BB	1608.	0.04[illegible]	UG/L	0.01
22	NOT	FOUND								
~~23~~	~~43~~	~~188~~	~~9:54~~	~~19~~	~~0.520~~	~~A*VV~~	~~22675.~~	~~5.54~~	~~UG/L~~	~~0.88~~
24	83	273	13:39	19	0.717	A*BV	5479.	0.30[illegible]	UG/L	0.05
25	63	304	15:12	19	0.798	A*BB	4411.	0.26[illegible]	UG/L	0.05
26	75	317	15:51	19	0.832	A BV	4082.	0.21[illegible]	UG/L	0.04
27	130	323	16:09	19	0.848	A*BB	5782.	0.28[illegible]	UG/L	0.05
28	129	330	16:30	19	0.866	A*BB	3199.	0.22[illegible]	UG/L	0.04
29	97	339	16:57	19	0.890	A*VB	7277.	0.46[illegible]	UG/L	0.08
30	78	332	16:36	19	0.871	A VV	62505.	1.62[illegible]	UG/L	0.29
31	75	338	16:54	19	0.887	A VB	129208.	11.86[illegible]	UG/L	2.12
32	63	350	17:30	19	0.919	A*BB	3061.	0.61[illegible]	UG/L	0.11
33	173	381	19:03	19	1.000	A BB	2313.	0.19[illegible]	UG/L	0.04
34	117	482	24:06	34	1.000	A BB	1278330.	50.00[illegible]	UG/L	8.93
~~35~~	~~43~~	~~364~~	~~18:12~~	~~34~~	~~0.755~~	~~A*BB~~	~~15404.~~	~~0.61[illegible]~~	~~UG/L~~	~~0.11~~
~~36~~	~~43~~	~~447~~	~~22:21~~	~~34~~	~~0.927~~	~~A VB~~	~~13728.~~	~~2.36[illegible]~~	~~UG/L~~	~~0.42~~
37	164	421	21:03	34	0.873	A*BB	1504.	0.12[illegible]	UG/L	0.02
38	83	417	20:51	34	0.865	A BB	3877.	0.16[illegible]	UG/L	0.03
39	92	450	22:30	34	0.934	A*BB	2252.	0.10[illegible]	UG/L	0.02
40	112	473	23:39	34	0.981	A BB	3142.	0.12[illegible]	UG/L	0.02
41	106	513	25:39	34	1.064	A*BV	5237.	0.49[illegible]	UG/L	0.09
~~42~~	~~104~~	~~615~~	~~30:45~~	~~34~~	~~1.276~~	~~A*BB~~	~~6374.~~	~~16.74[illegible]~~	~~UG/L~~	~~2.88~~
~~43~~	~~104~~	~~626~~	~~31:15~~	~~34~~	~~1.299~~	~~A BB~~	~~2776.~~	~~7.40[illegible]~~	~~UG/L~~	~~1.33~~
~~44~~	~~104~~	~~667~~	~~33:21~~	~~34~~	~~1.384~~	~~A*VV~~	~~14067.~~	~~82.27[illegible]~~	~~UG/L~~	~~14.70~~
45	146	711	35:33	34	1.475	A*BB	14100.	0.85[illegible]	UG/L	0.15
46	146	730	36:30	34	1.515	A*VV	9558.	0.66[illegible]	UG/L	0.12
47	146	730	36:30	34	1.515	A*VV	9558.	0.55[illegible]	UG/L	0.11
48	100	455	22:45	34	0.944	A VB	970779.	53.94[illegible]	UG/L	9.64
49	[illegible]	616	30:45	34	1.278	A BB	784692.	45.85[illegible]	UG/L	8.19

Ten Targeted Compounds

CCapraro 12/28/87

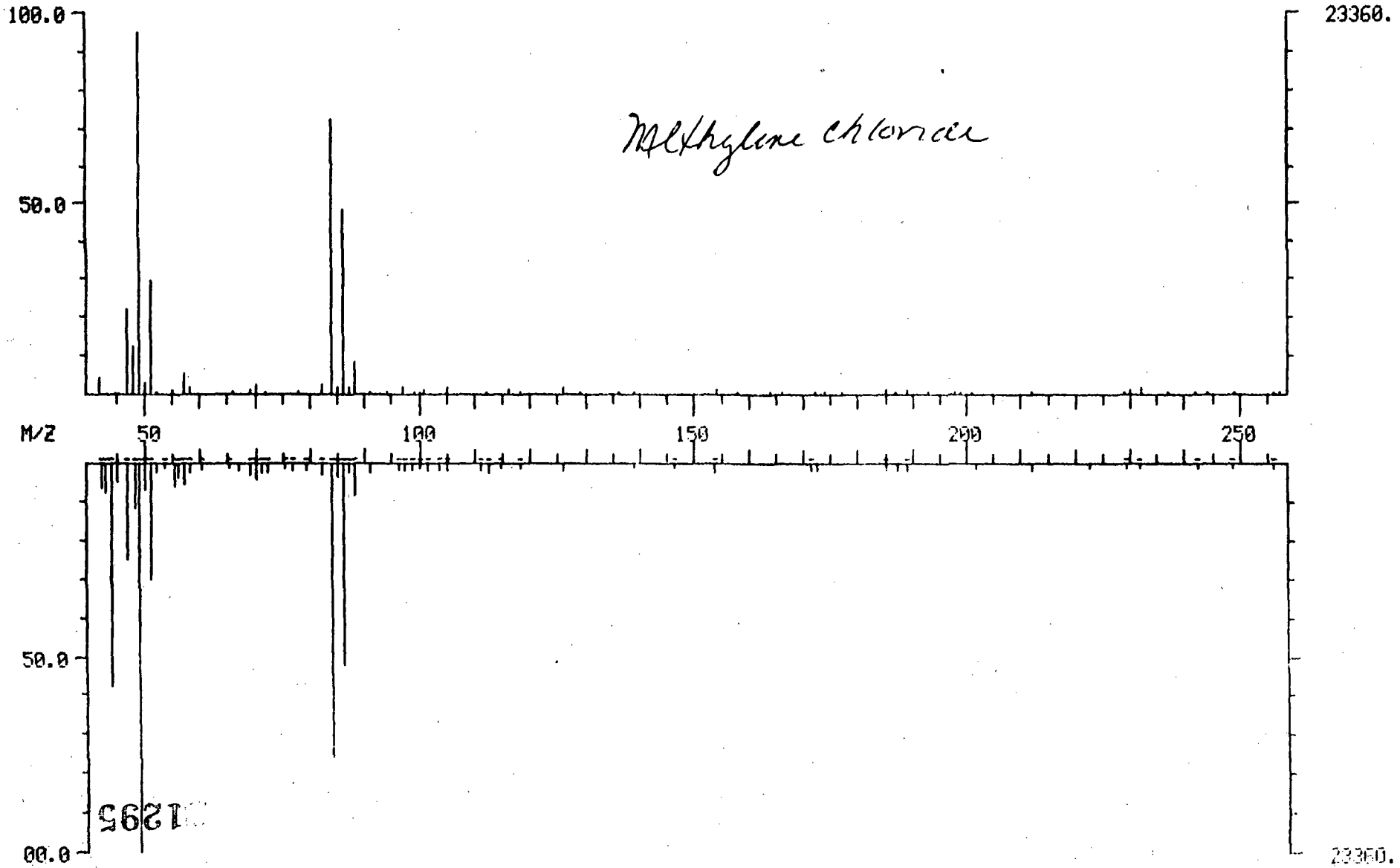
Scan #	Ref. pt.	Area	Amt (ug/l)
1. 15	1	1166730	20 J
2. 50	1	1723480	29 J

1294

DUAL MASS SPECTRUM
12/14/87 19:15:00 + 6:36
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7842 #132
CALI: PU7842 #2

BASE M/Z: 49/ 49
RIC: 80255./ 113023.

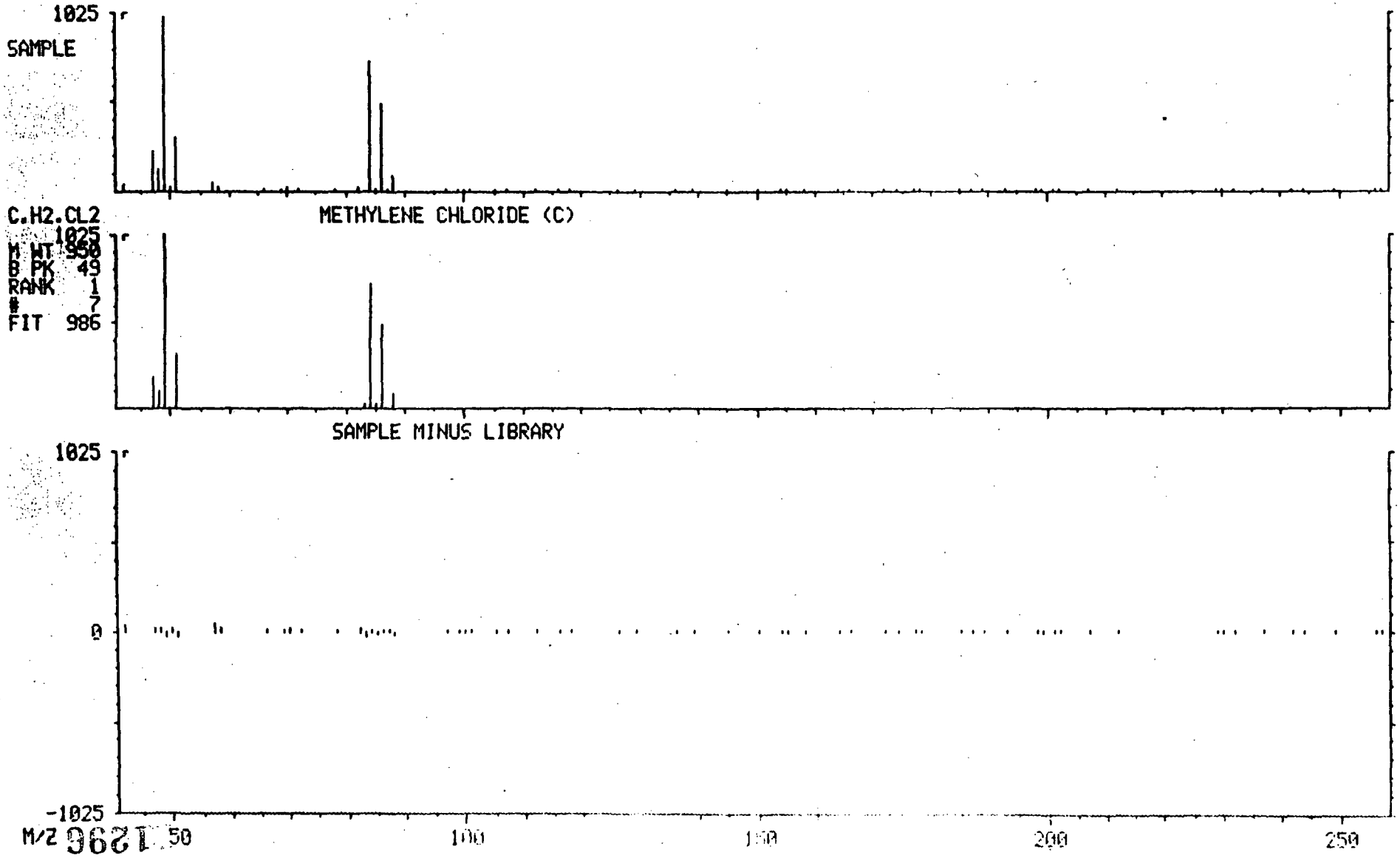


1295

LIBRARY SEARCH
12/14/87 13:15:00 + 6:36
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7842 # 132
CALI: PU7842 # 2

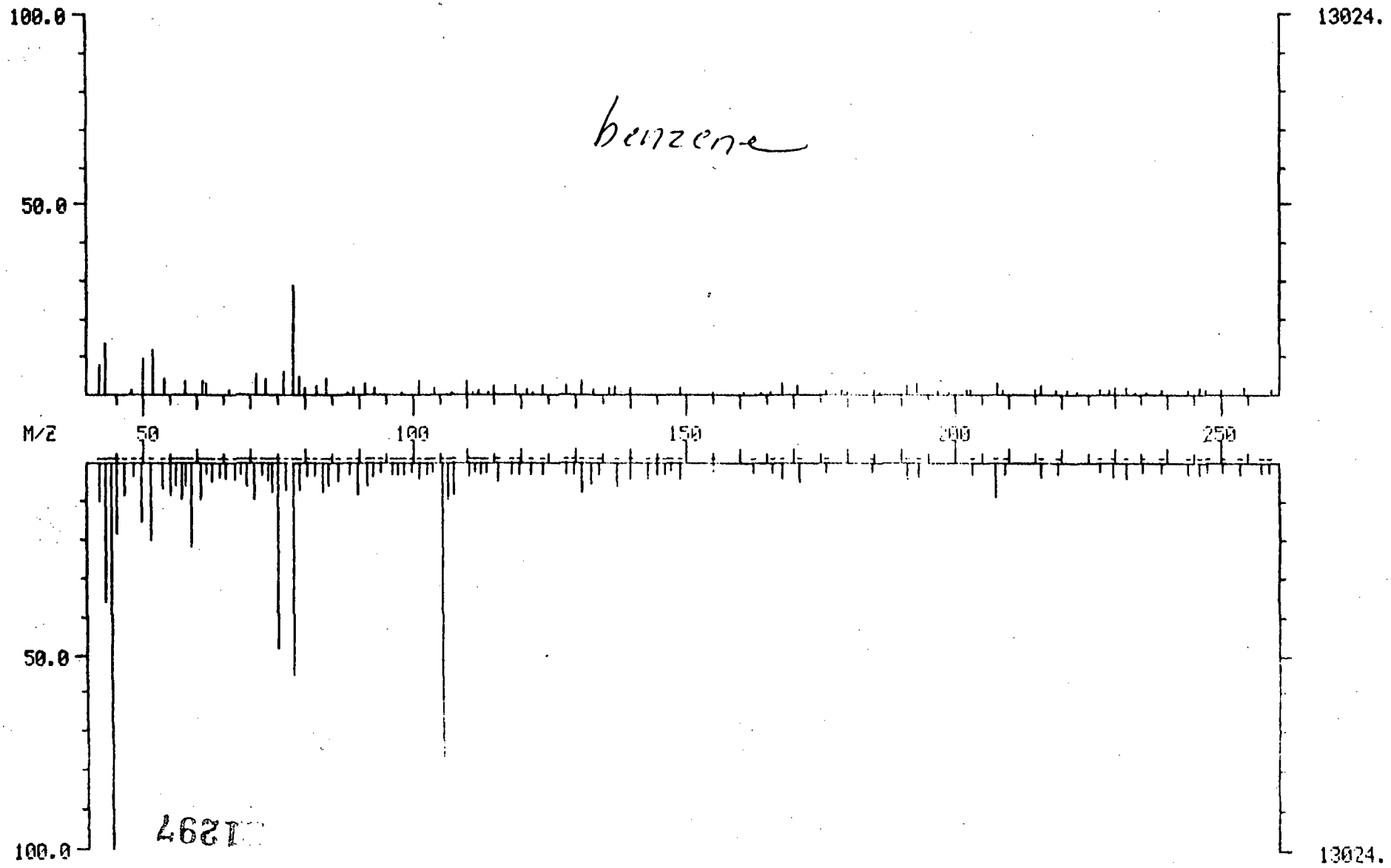
BASE M/Z: 49
RIC: 79615.



DUAL MASS SPECTRUM
12/14/87 19:15:00 + 16:36
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7842 #332
CALI: PU7842 #2

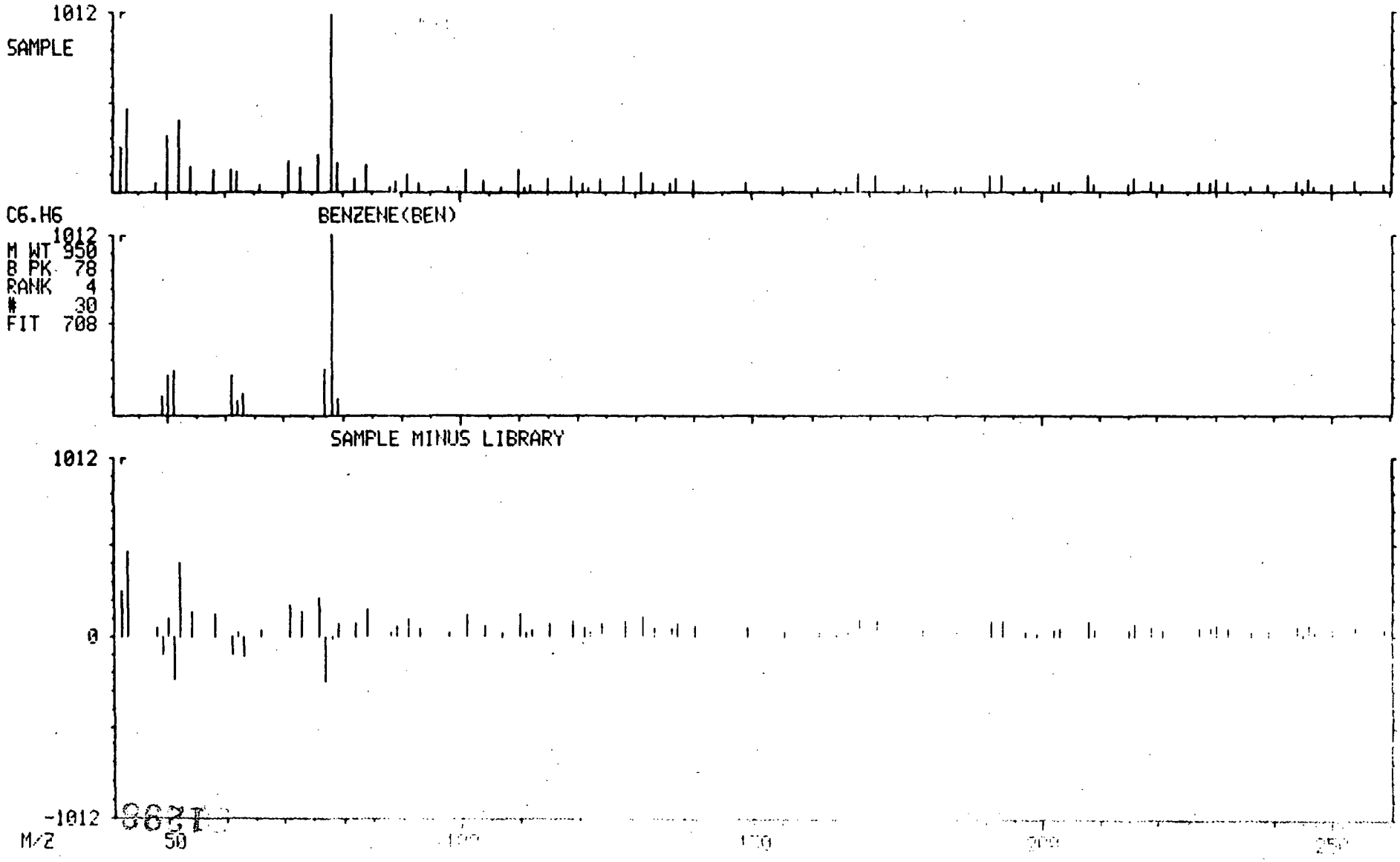
BASE M/Z: 78/ 44
RIC: 27743./ 100095.



LIBRARY SEARCH
12/14/87 19:15:00 + 16:36
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7842 # 332
CALI: PU7842 # 2

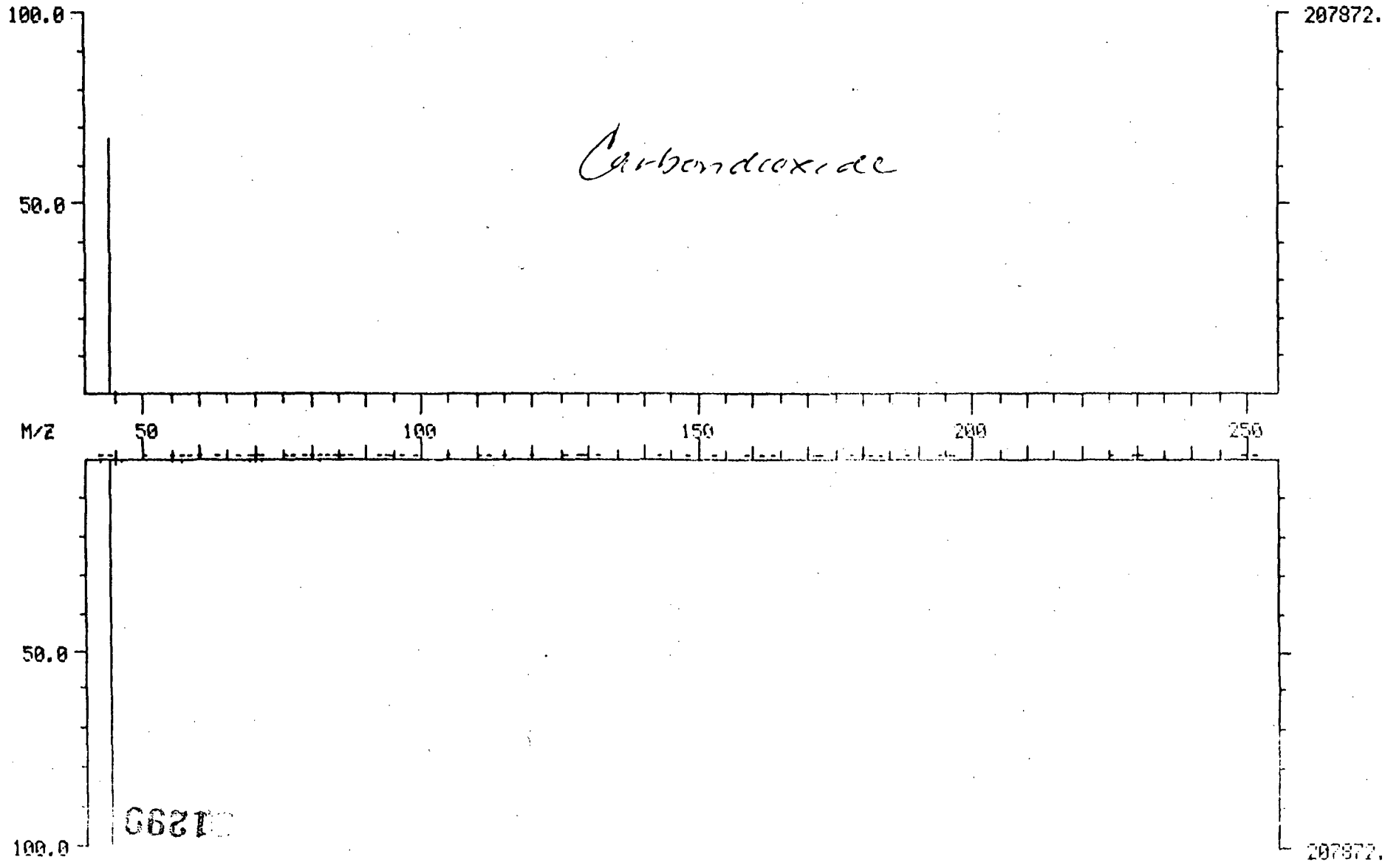
BASE M/Z: 78
RIC: 27231.



DUAL MASS SPECTRUM
12/14/87 19:15:00 + 0:45
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: FU7842 #15
CALI: FU7842 #2

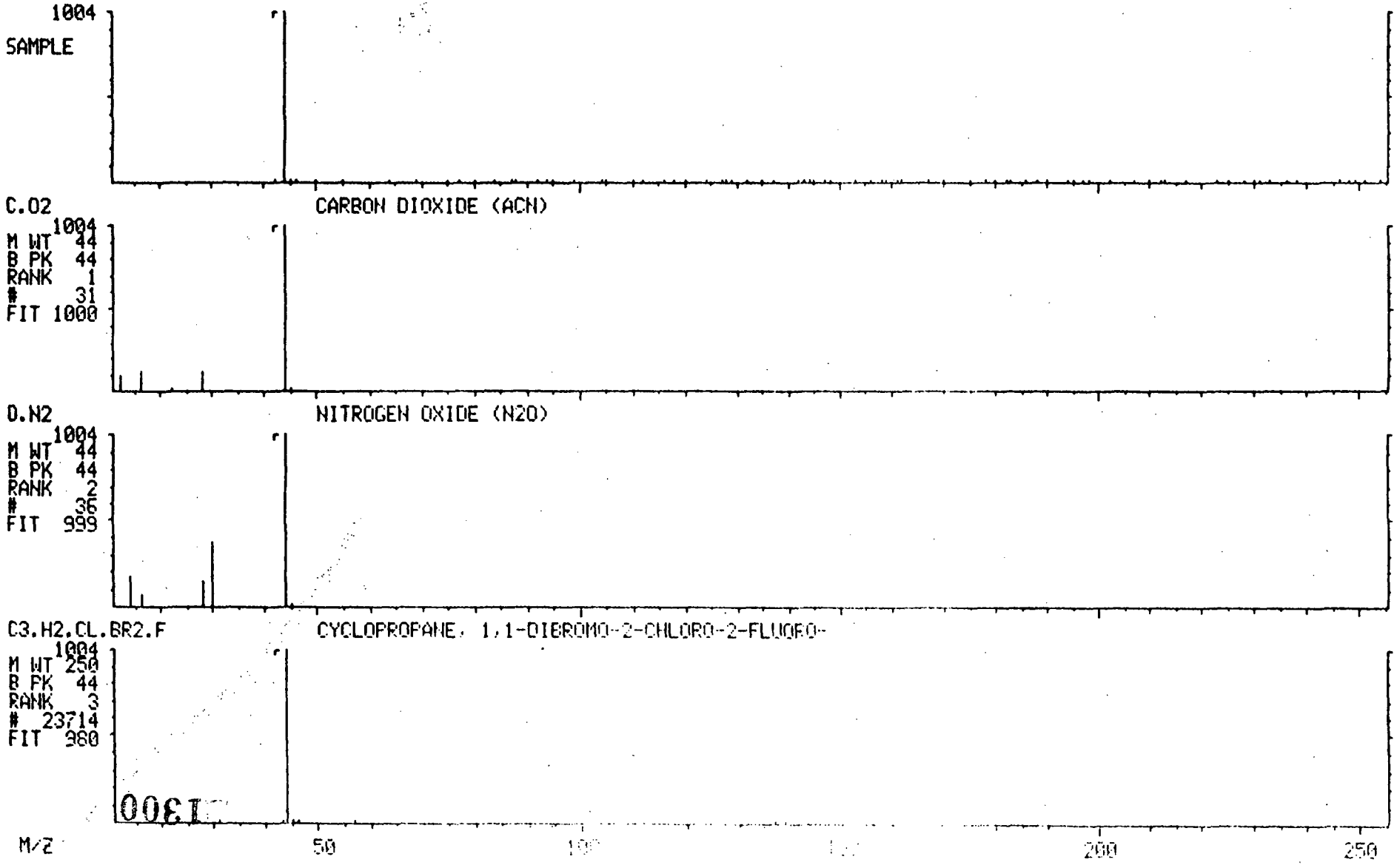
BASE M/Z: 44/ 44
RIC: 150271./ 237055.



LIBRARY SEARCH
12/14/87 19:15:00 + 0:45
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7842 # 15
CALI: PU7842 # 2

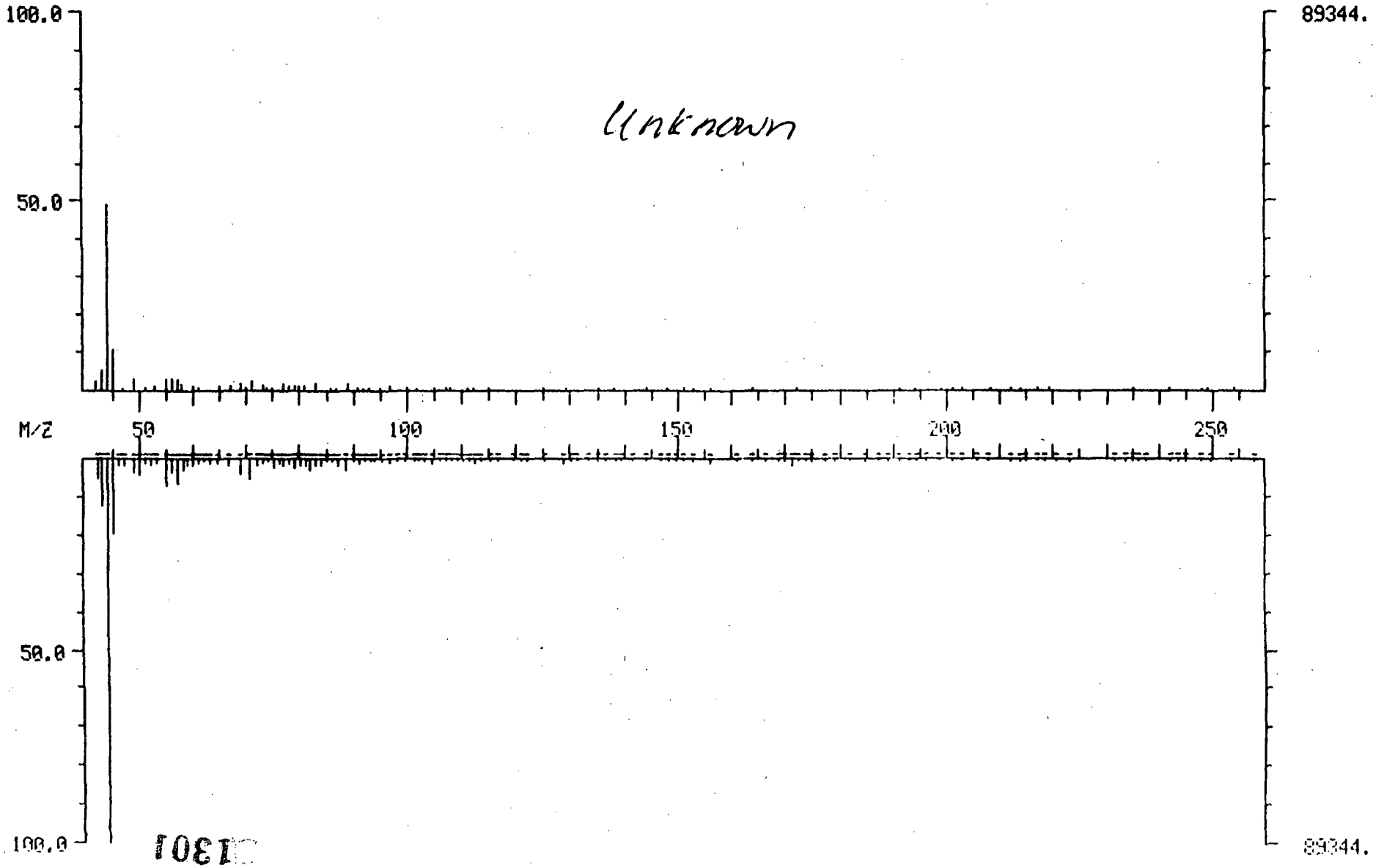
BASE M/Z: 44
RIC: 150271.



DUAL MASS SPECTRUM
12/14/87 19:15:00 + 2:30
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7842 #50
CALI: PU7842 #2

BASE M/Z: 44/ 44
RIC: 117113./ 238847.

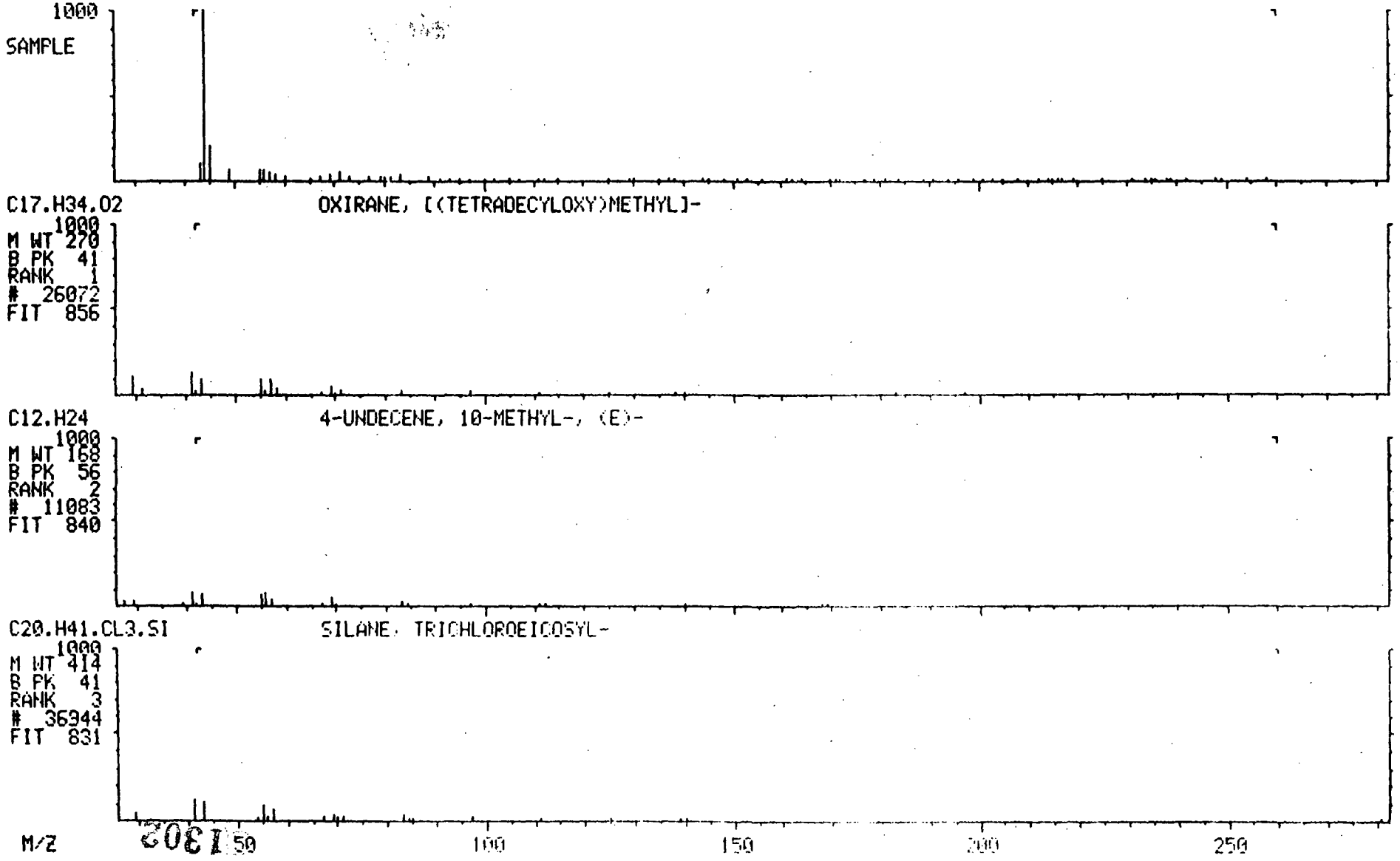


1301

LIBRARY SEARCH
12/14/87 19:15:00 + 2:30
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7842 # 50
CALI: PU7842 # 2

BASE M/Z: 44
RIC: 106367.



H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Instrument Blank
Date Ext: 12/16/87 Date Anal: 12/16/87
Conc./Dil. factor: 1:1 Conc: Low

RESULTS FOR PRIORITY POLLUTANTS ANALYSIS
PURGEABLE ORGANICS

Scan #	C.A.S. Number		ug/l
	74-87-3	Chloromethane	10U
	74-83-9	Bromomethane	10U
	75-01-4	Vinyl Chloride	10U
	75-00-3	Chloroethane	10U
	75-09-2	Methylene Chloride	5U
	75-35-4	1,1-Dichloroethene	5U
	75-34-3	1,1-Dichloroethane	5U
	156-60-5	cis/trans-1,2-Dichloroethene	5U
	67-66-3	Chloroform	5U
	107-02-2	1,2-Dichloroethane	5U
	75-69-4	Trichlorofluoromethane	5U
	71-55-6	1,1,1-Trichloroethane	5U
	56-23-5	Carbon tetrachloride	5U
	75-27-4	Bromodichloromethane	5U
	70-87-5	1,2-Dichloropropane	5U
	10061-02-6	trans-1,3-Dichloropropene	5U
	79-01-6	Trichloroethene	5U
	124-48-1	Dibromochloromethane	5U
	79-00-5	1,1,2-Trichloroethane	5U
319	71-43-2	Benzene	2J
	10061-01-5	cis-1,3-Dichloropropene	5U
	110-75-6	2-Chloroethylvinylether	10U
	75-25-2	Bromoform	5U
	127-18-4	Tetrachloroethene	5U
	79-34-5	1,1,2,2-Tetrachloroethane	5U
	108-88-3	Toluene	5U
	108-90-7	Chlorobenzene	5U
	100-41-4	Ethylbenzene	5U
	541-72-1	1,3-Dichlorobenzene	5U
	95-50-1	1,2-Dichlorobenzene	5U
	106-46-7	1,4-Dichlorobenzene	5U

Date Reported: 01/05/87

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* *
****

John J. Molloy, P.E.
Laboratory Director

1303

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Instrument Blank
PU7853

Tentatively Identified Compounds

C.A.S. Number	Compound Name	% Probability Fit	% Probability RFit	Scan #	Estimated Concentration ug/l
--	No Unknowns Found	--	--	--	5U

Date Reported: 01/05/87

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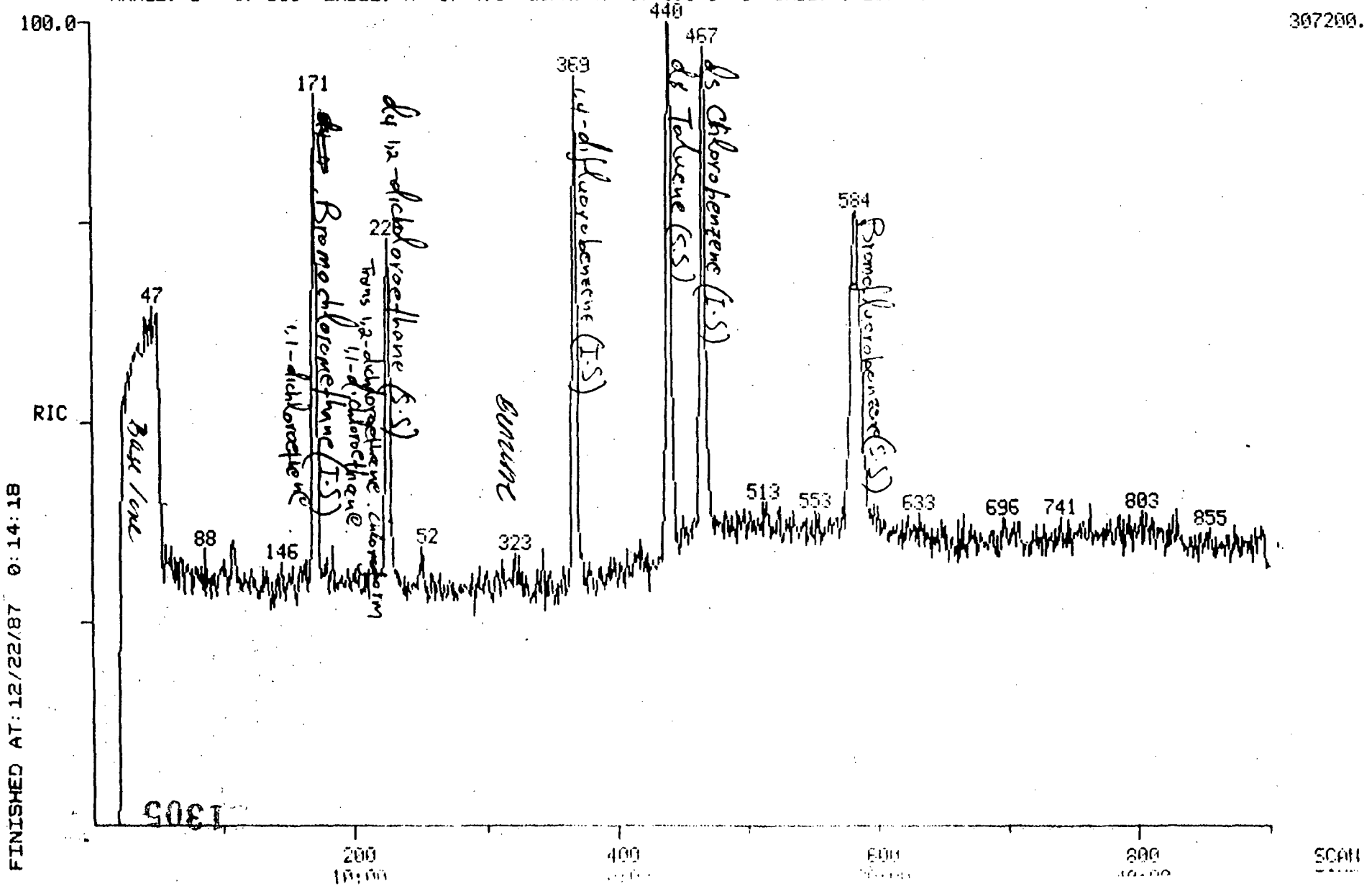
* *
* *
****
John J. Molloy, P.E.
Laboratory Director

1304

RIC
12/16/87 6:01:00
SAMPLE: INST. BLANK
CONDS.:
RANGE: G 1, 900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: PU7853 #1
CALI: PU7853 #2

SCANS 1 TO 900



FINISHED AT: 12/22/87 0:14:18

QUANTITATION REPORT FILE: PU7853

DATA: PU7853.TI
12/16/87 6:01:00
SAMPLE: INST. BLANK
CONDS. :
SUBMITTED BY: NO. SEA ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	NAME
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MEK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	DB-TOLUENE(SURR STD)
49	BROMOFLUORBENZENE(SURR. STD)

No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
1	128	171	8:33	1	1.000	A*BB	125812.	50.000 UG/L	1.56
2	65	226	11:18	1	1.322	A*BV	312508.	55.817 UG/L	1.74
3	50	26	1:18	1	0.152	A BV	2375.	0.761 UG/L	0.02
4	94	47	2:21	1	0.275	A BB	2276.	0.757 UG/L	0.02
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	96	161	8:03	1	0.942	A BB	4036.	1.397 UG/L	0.04
11	63	185	9:15	1	1.082	A BB	17774.	2.617 UG/L	0.08
12	96	200	10:00	1	1.170	A BB	3388.	1.555 UG/L	0.05
13	83	214	10:42	1	1.251	A BB	9724.	1.238 UG/L	0.04
14	62	230	11:30	1	1.345	A BB	5729.	0.993 UG/L	0.03
15	101	147	7:21	1	0.860	A BB	5209.	1.663 UG/L	0.05
16	96	73	3:39	1	0.427	A VV	7467.	102.430 UG/L	3.20
17	66	136	6:48	1	0.796	A BB	11828.	1296.290 UG/L	40.47
18	62	141	7:03	1	0.825	A*BB	3301.	350.408 UG/L	10.95
19	114	368	18:24	19	1.000	A BB	279930.	50.000 UG/L	1.56

(3) NOISE

13093

21	97	201	10:03	19	0.546	A*VB	4779.	2.173	UG/L	0.07
22	NOT FOUND									
24	83	268	13:24	19	0.728	A VV	10530.	3.436	UG/L	0.11
25	63	295	14:45	19	0.802	A BB	7296.	2.520	UG/L	0.08
26	75	300	15:00	19	0.815	A BB	8192.	3.264	UG/L	0.10
27	130	309	15:27	19	0.840	A BB	2484.	1.102	UG/L	0.03
28	125	323	16:09	19	0.878	A BB	2865.	1.008	UG/L	0.03
29	97	323	16:09	19	0.878	A BV	4600.	2.414	UG/L	0.08
30	78	319	15:57	19	0.867	A BB	13844.	2.251	UG/L	0.07
31	75	326	16:18	19	0.886	A BB	4974.	2.390	UG/L	0.07
32	NOT FOUND									
33	173	375	18:45	19	1.019	A BB	7462.	4.402	UG/L	0.14
34	117	467	23:21	34	1.000	A BB	219323.	50.000	UG/L	1.56
35	43	362	18:09	34	0.777	A BB	16818.	3.883	UG/L	0.12
36	43	447	22:21	34	0.957	A*VV	15056.	63.617	UG/L	1.99
37	164	419	20:57	34	0.897	A BB	1647.	0.807	UG/L	0.03
38	83	416	20:48	34	0.891	A*BB	11218.	4.497	UG/L	0.14
39	92	444	22:12	34	0.951	A BB	7909.	1.946	UG/L	0.06
40	112	468	23:24	34	1.002	A BB	7701.	1.742	UG/L	0.05
41	105	517	25:51	34	1.107	A BB	3609	1.535	UG/L	0.05
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
48	100	441	22:03	34	0.944	A BB	183742.	48.305	UG/L	1.51
49	81	504	25:12	34	1.251	A BB	181422.	55.846	UG/L	1.74

(2)

None

Chlorpyrifos
12/2/90

Ten Targeted Compounds

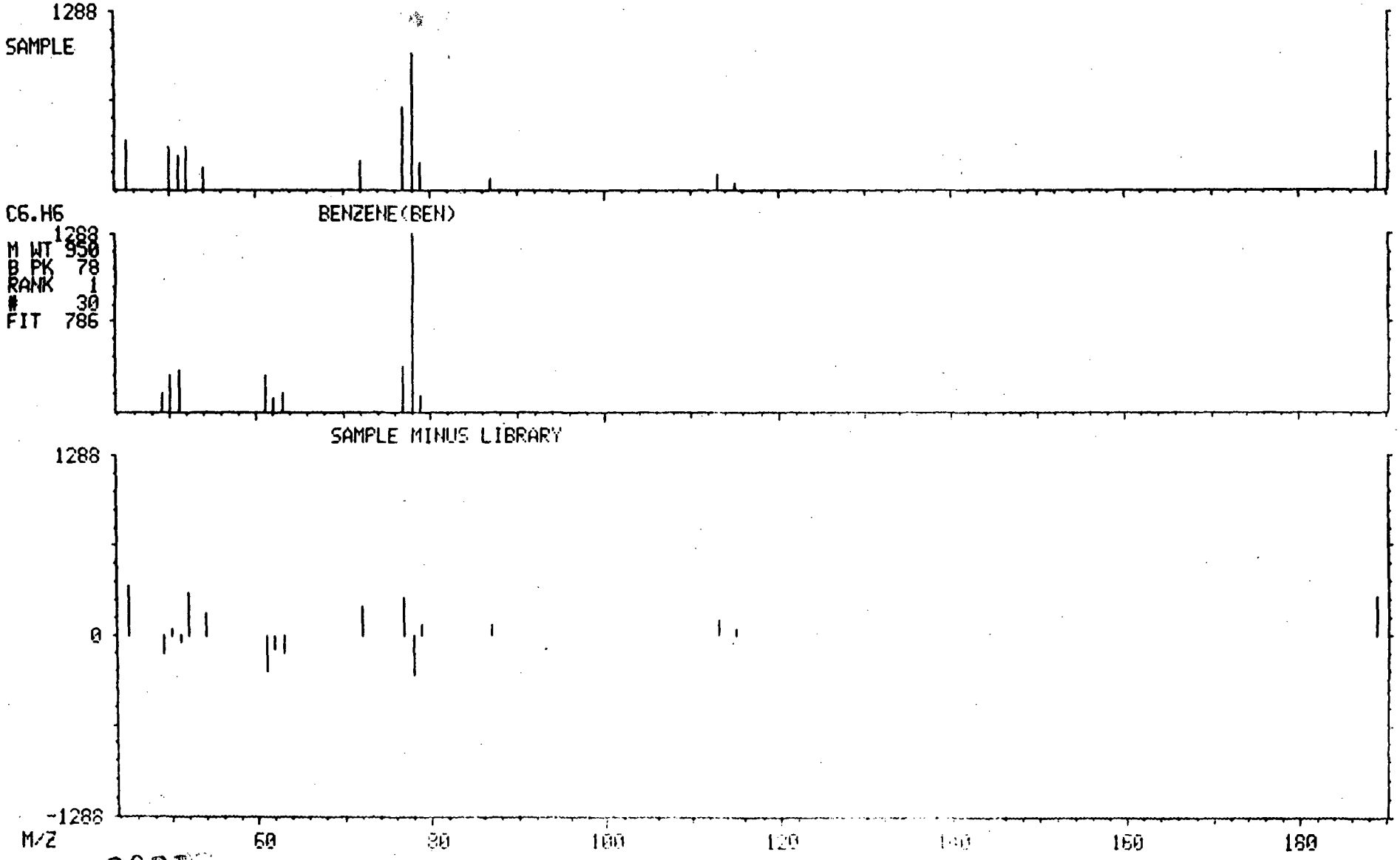
Sample	Ref. pk	Area	Amt (ug/L)
			5 u

1307

LIBRARY SEARCH
12/16/87 6:01:00 + 15:57
SAMPLE: INST. BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7853 # 319
CALI: PU7853 # 2

BASE M/Z: 78
RIC: 10207.

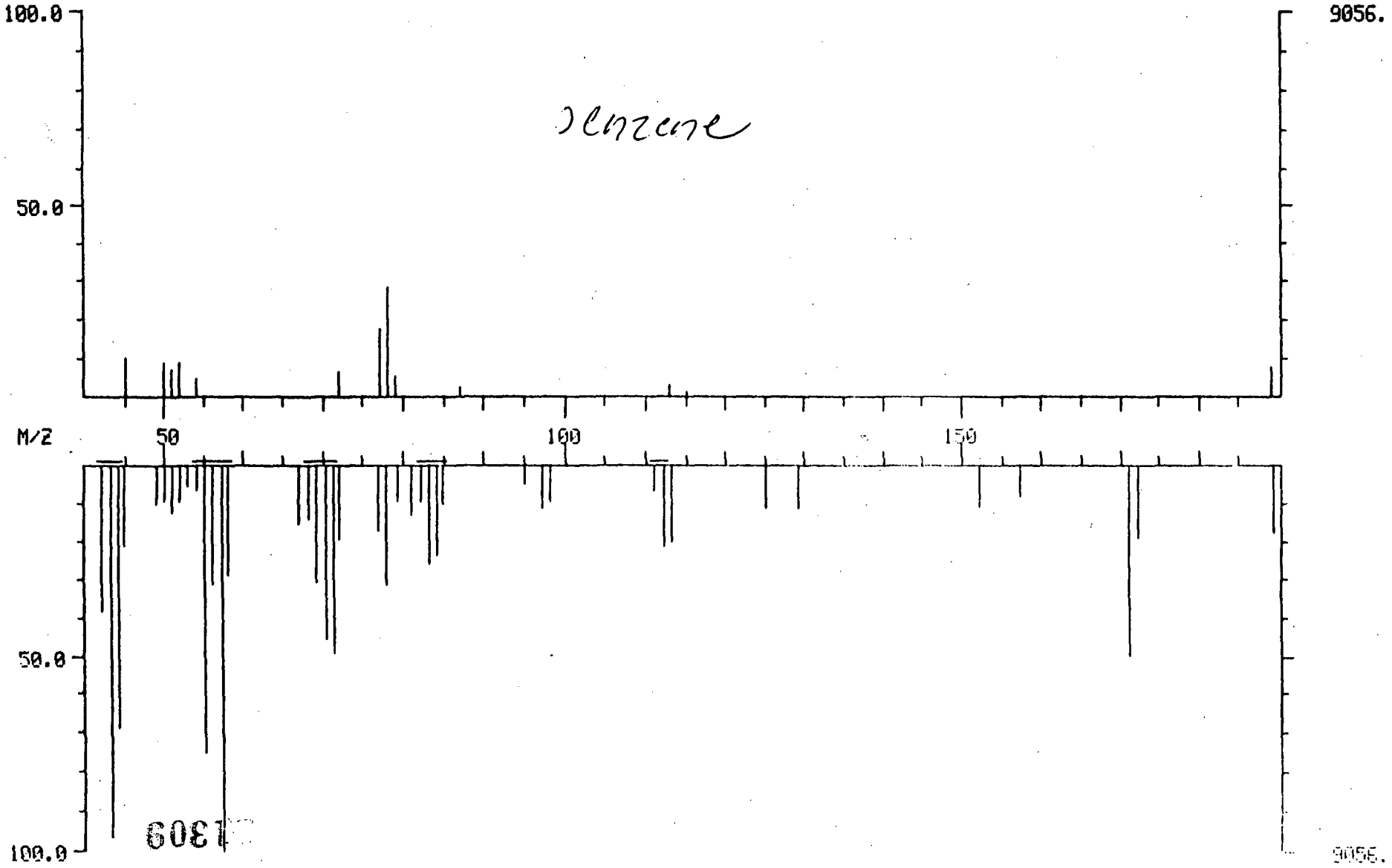


1308

DUAL MASS SPECTRUM
12/16/87 6:01:00 + 15:57
SAMPLE: INST. BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7853 #319
CALI: PU7853 #2

BASE M/Z: 78/ 57
RIC: 10207./ 93311.



H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Instrument Blank
Date Ext: 12/16/87 Date Anal: 12/16/87
Conc./Dil. factor: 1:1 Conc: Low

RESULTS FOR PRIORITY POLLUTANTS ANALYSIS
PURGEABLE ORGANICS

Scan #	C.A.S. Number		ug/l
	74-87-3	Chloromethane	10U
	74-83-9	Bromomethane	10U
	75-01-4	Vinyl Chloride	10U
	75-00-3	Chloroethane	10U
122	75-09-2	Methylene Chloride	4J
	75-35-4	1,1-Dichloroethene	5U
	75-34-3	1,1-Dichloroethane	5U
	156-60-5	cis/trans-1,2-Dichloroethene	5U
	67-66-3	Chloroform	5U
	107-02-2	1,2-Dichloroethane	5U
	75-69-4	Trichlorofluoromethane	5U
	71-55-6	1,1,1-Trichloroethane	5U
	56-23-5	Carbon tetrachloride	5U
	75-27-4	Bromodichloromethane	5U
	70-87-5	1,2-Dichloropropane	5U
	10061-02-6	trans-1,3-Dichloropropene	5U
	79-01-6	Trichloroethene	5U
	124-48-1	Dibromochloromethane	5U
	79-00-5	1,1,2-Trichloroethane	5U
	71-43-2	Benzene	5U
	10061-01-5	cis-1,3-Dichloropropene	5U
	110-75-6	2-Chloroethylvinylether	10U
	75-25-2	Bromoform	5U
	127-18-4	Tetrachloroethene	5U
	79-34-5	1,1,2,2-Tetrachloroethane	5U
	108-88-3	Toluene	5U
	108-90-7	Chlorobenzene	5U
	100-41-4	Ethylbenzene	5U
	541-72-1	1,3-Dichlorobenzene	5U
	95-50-1	1,2-Dichlorobenzene	5U
	106-46-7	1,4-Dichlorobenzene	5U

Date Reported: 01/05/87

John J. Molloy, P.E.
Laboratory Director

1310

H2M LABS, INC.
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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Instrument Blank
PU7862

Tentatively Identified Compounds

C.A.S. Number	Compound Name	% Probability Fit	% Probability RFit	Scan #	Estimated Concentration ug/l
124-38-9	Carbon dioxide	99	85	11	9J

Date Reported: 01/05/87

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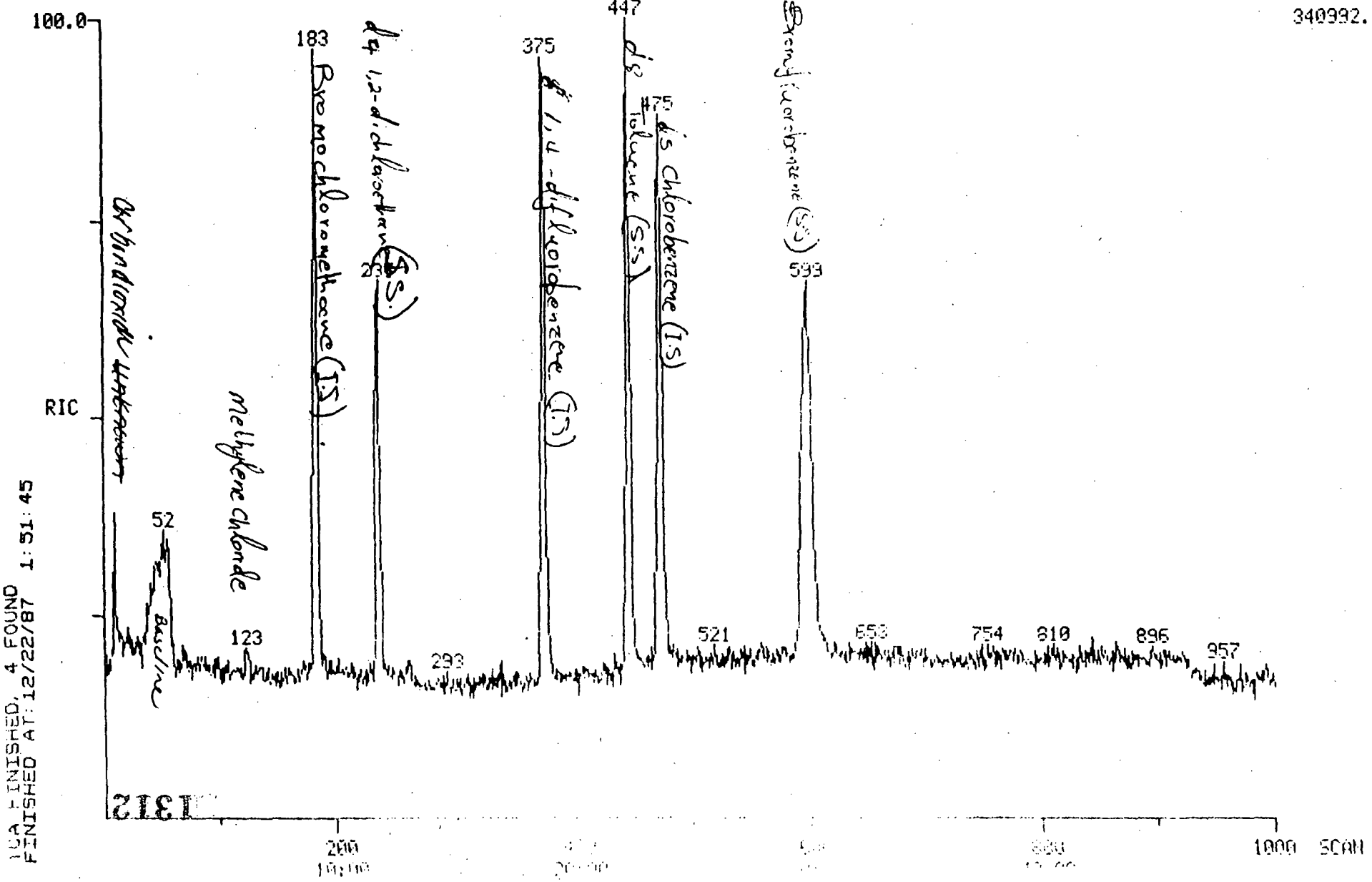
* *
* *
****
John J. Molloy, P.E.
Laboratory Director

1317


RIC
DATA: FU7862 #1
SCANS 1 TO 1000
12/16/87 12:39:00
CALI: FU7862 #2
SAMPLE: INST.BLANK
CONDS.:
RANGE: G 1,1000 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
100.0
340992.
RIC
Bromochloromethane (I.S.)
1,2-d. chloroethane (S.S.)
1,4-difluorobenzene (I.S.)
d5 Chlorobenzene (I.S.)
Fluorobenzene (S.S.)
Methylene chloride
Baseline
52
123
183
233
293
375
447
521
593
653
754
810
896
957
1312
200
1000 SCAN
FINISHED AT: 12/22/87 1:51:45
4 FOUND

QUANTITATION REPORT FILE: PU7862

DATA: PU7862.TI
12/16/87 12:39:00
SAMPLE: INST. BLANK
CONDS.:
SUBMITTED BY: NO. SEA ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	Name
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	D8-TOLUENE(SURR. STD)
49	BROMOFLUORBENZENE(SURR. STD)

No	M/Z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	182	9:06	1	1.000	A BB	84070.	50.000 UG/L	2.90
2	65	236	11:48	1	1.297	A BB	206589.	50.405 UG/L	2.92
3	NOT FOUND								
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	84	122	6:06	1	0.670	A*BB	8712.	3.978 UG/L	0.23
~~8~~	~~43~~	~~85~~	~~4:45~~	~~1~~	~~0.522~~	~~A*VV~~	~~21947.~~	~~3.076 UG/L~~	~~0.18~~
~~9~~	~~NOT FOUND~~								
10	96	172	8:36	1	0.945	A BB	1027.	0.592 UG/L	0.03
11	NOT FOUND								
12	NOT FOUND								
13	83	221	11:03	1	1.214	A*VB	18230.	3.157 UG/L	0.18
14	NOT FOUND								
15	101	159	7:57	1	0.874	A BB	722.	0.269 UG/L	0.02
~~16~~	~~85~~	~~71~~	~~3:33~~	~~1~~	~~0.390~~	~~A*BB~~	~~2509.~~	~~2.270 UG/L~~	~~0.13~~
~~17~~	~~56~~	~~139~~	~~6:57~~	~~1~~	~~0.764~~	~~A BB~~	~~14128.~~	~~136.075 UG/L~~	~~7.88~~
~~18~~	~~53~~	~~156~~	~~7:48~~	~~1~~	~~0.857~~	~~A*VV~~	~~10784.~~	~~988.062 UG/L~~	~~57.25~~
19	114	375	18:45	19	1.000	A BB	356517.	50.000 UG/L	2.90

E131

~~41~~	~~NOT~~	~~FOUND~~	~~8.30~~	~~17~~	~~0.~~	~~A BB~~	~~14344.~~	~~178.867~~	~~UG/L~~	~~10.05~~
21	NOT	FOUND								
22	NOT	FOUND								
~~23~~	~~NOT~~	~~FOUND~~	~~9.24~~	~~15~~	~~0.561~~	~~A*BB~~	~~8304.~~	~~103.104~~	~~UG/L~~	~~5.97~~
24	88	269	13:27	19	0.717	A*VV	6832.	1.387	UG/L	0.08
25	NOT	FOUND								
26	NOT	FOUND								
27	NOT	FOUND								
28	129	326	16:18	19	0.869	A*VV	5668.	1.503	UG/L	0.09
29	97	331	16:33	19	0.883	A*BV	2278.	0.871	UG/L	0.05
30	NOT	FOUND								
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	117	474	23:42	34	1.000	A BB	289001.	50.000	UG/L	2.90
~~35~~	~~48~~	~~364~~	~~18:12~~	~~34~~	~~0.768~~	~~A BB~~	~~4916.~~	~~26.732~~	~~UG/L~~	~~1.55~~
~~36~~	~~48~~	~~447~~	~~22:21~~	~~34~~	~~0.943~~	~~A BB~~	~~8082.~~	~~12.288~~	~~UG/L~~	~~0.71~~
37	NOT	FOUND								
38	83	423	21:09	34	0.892	A*VV	8016.	1.926	UG/L	0.11
39	92	452	22:36	34	0.954	A BB	2275.	0.612	UG/L	0.04
40	112	465	23:15	34	0.981	A*VB	1362.	0.270	UG/L	0.02
41	NOT	FOUND								
~~42~~	~~NOT~~	~~FOUND~~								
~~43~~	~~NOT~~	~~FOUND~~								
~~44~~	~~NOT~~	~~FOUND~~								
45	NOT	FOUND								
46	NOT	FOUND								
47	NOT	FOUND								
48	100	447	22:21	34	0.943	A BB	251597.	48.085	UG/L	2.79
49	95	500	29:54	34	1.262	A BB	257733.	51.413	UG/L	2.98

12/29/97

Chromosia

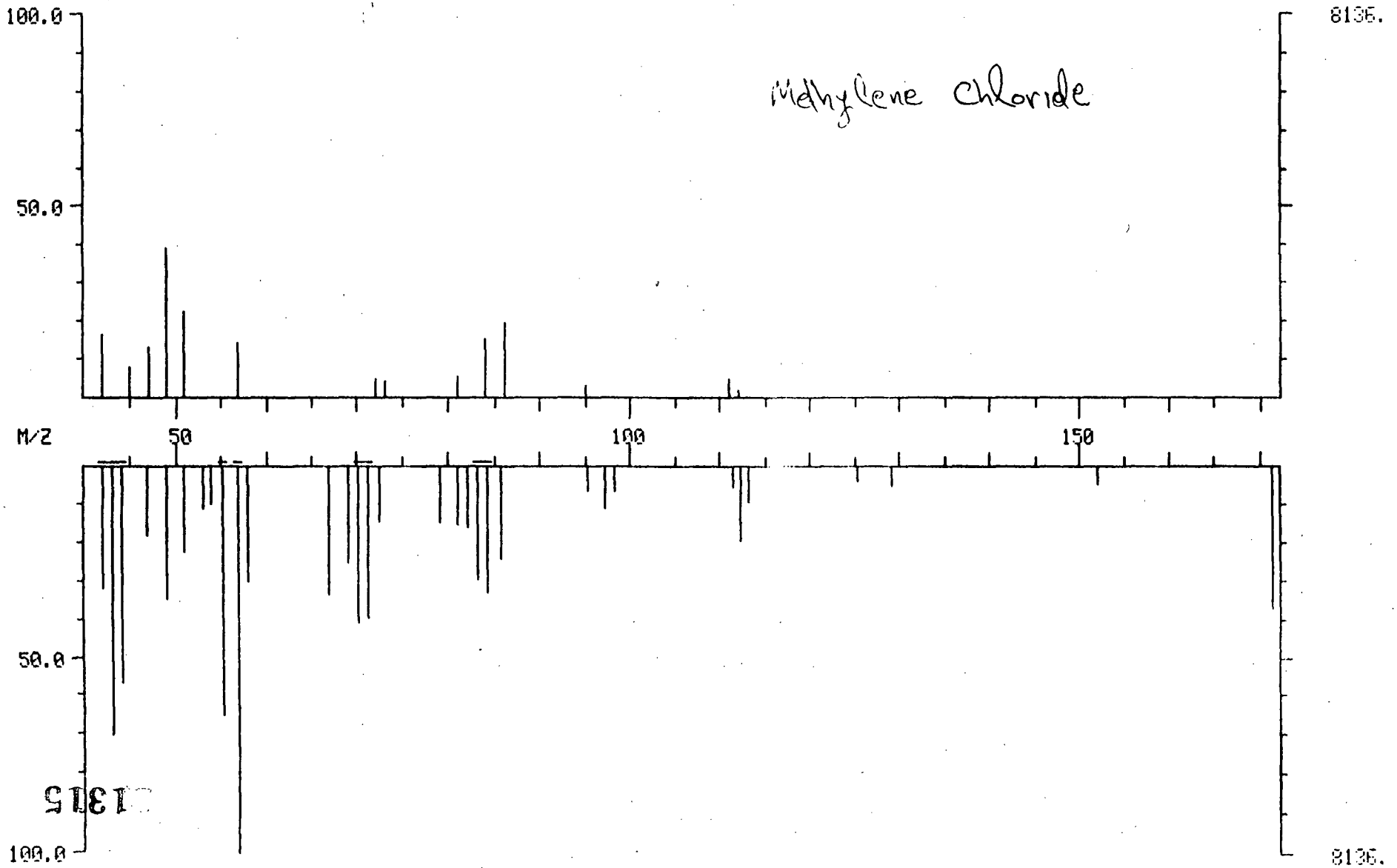
Non Targeted Compounds

Scan #	Est RT	Area	Amt Eagle
1) 11	1	23200	9 J

DUAL MASS SPECTRUM
12/16/87 12:39:00 + 6:06
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7862 #122
CALI: PU7862 #2

BASE M/Z: 49/ 57
RIC: 13983./ 69247.

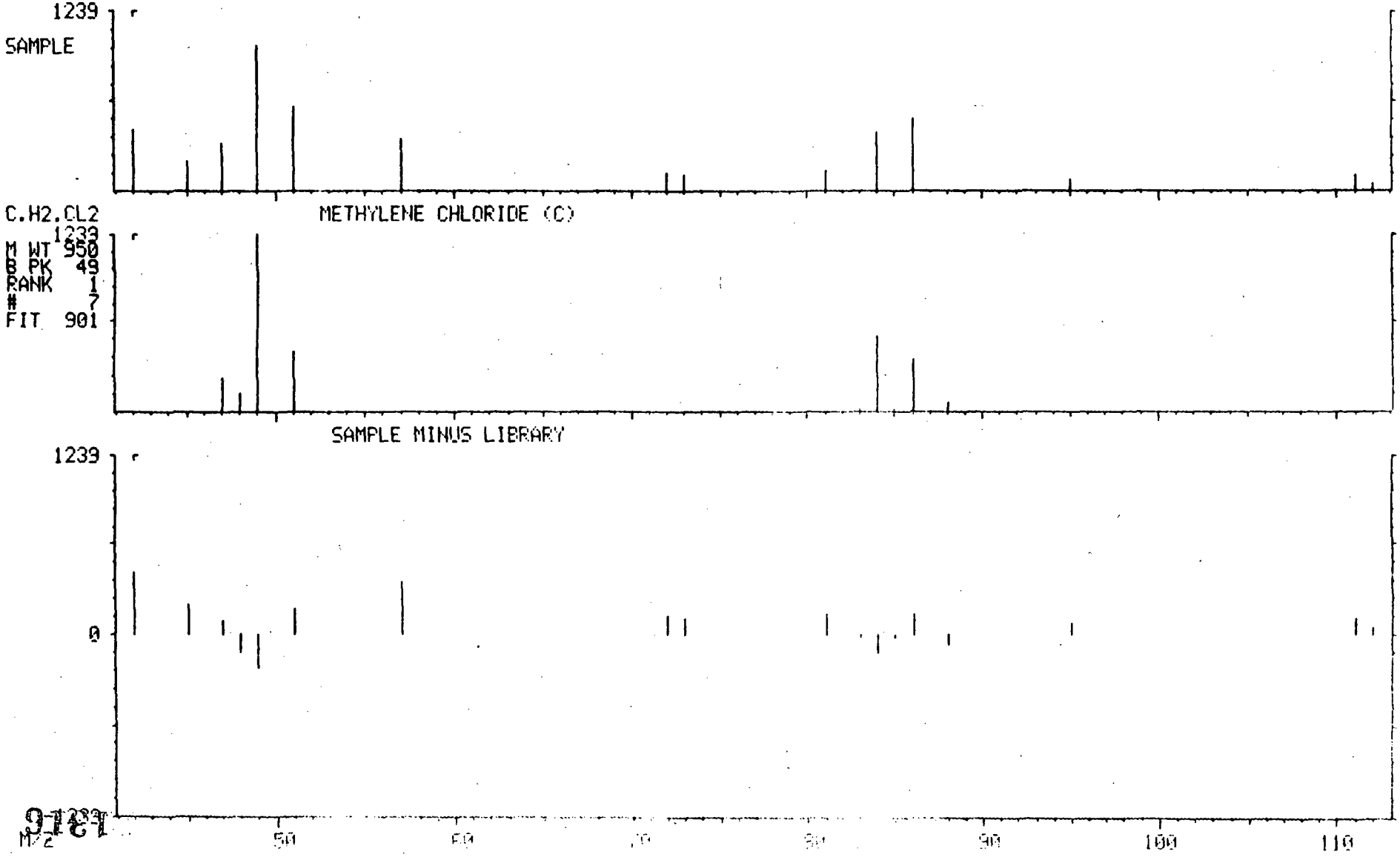


1315

LIBRARY SEARCH
12/16/87 12:39:00 + 6:06
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7862 # 122
CALI: PU7862 # 2

BASE M/Z: 49
RIC: 13983.

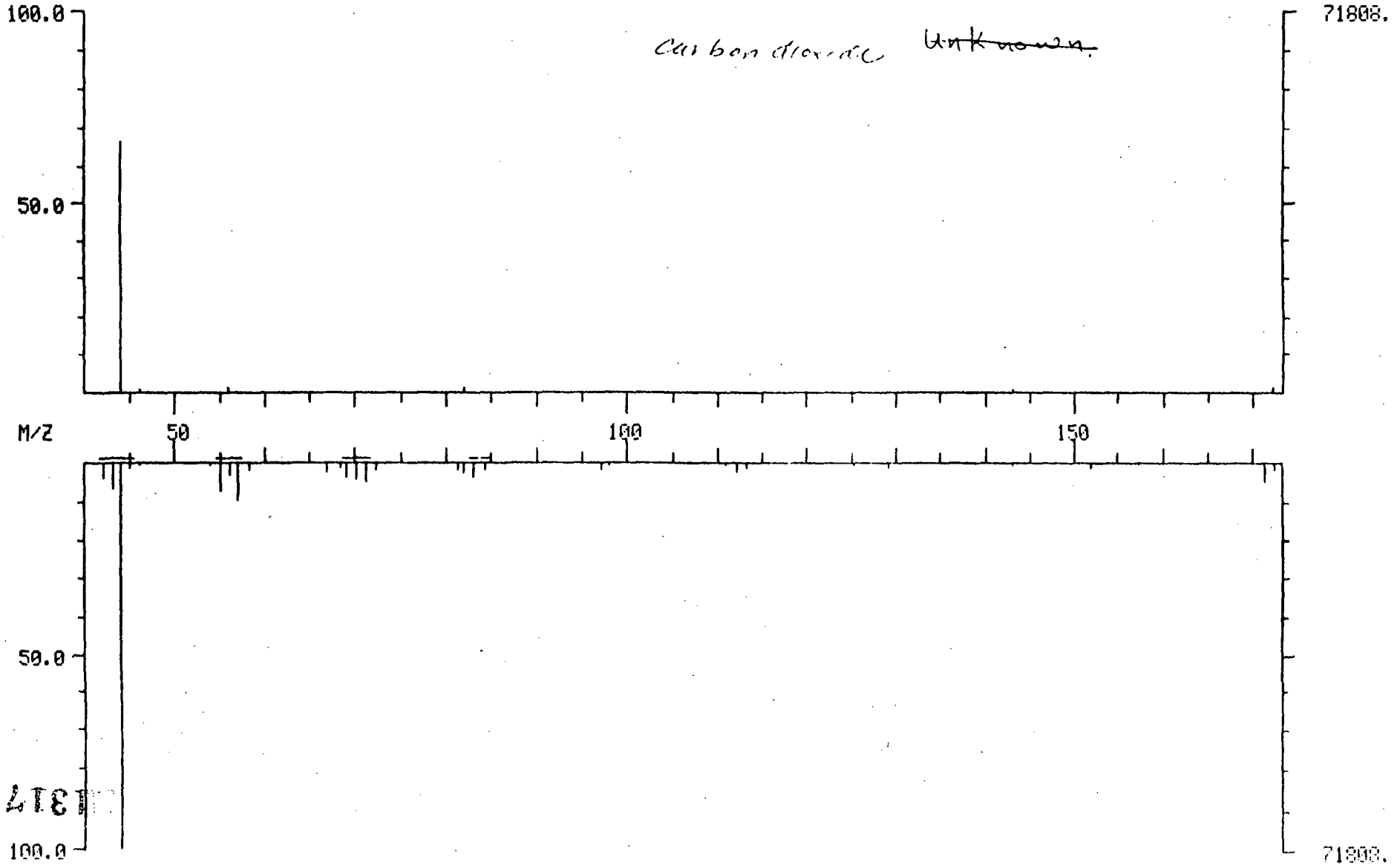


9181

DUAL MASS SPECTRUM
12/16/87 12:39:00 + 0:33
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: PU7862 #11
CALI: PU7862 #2

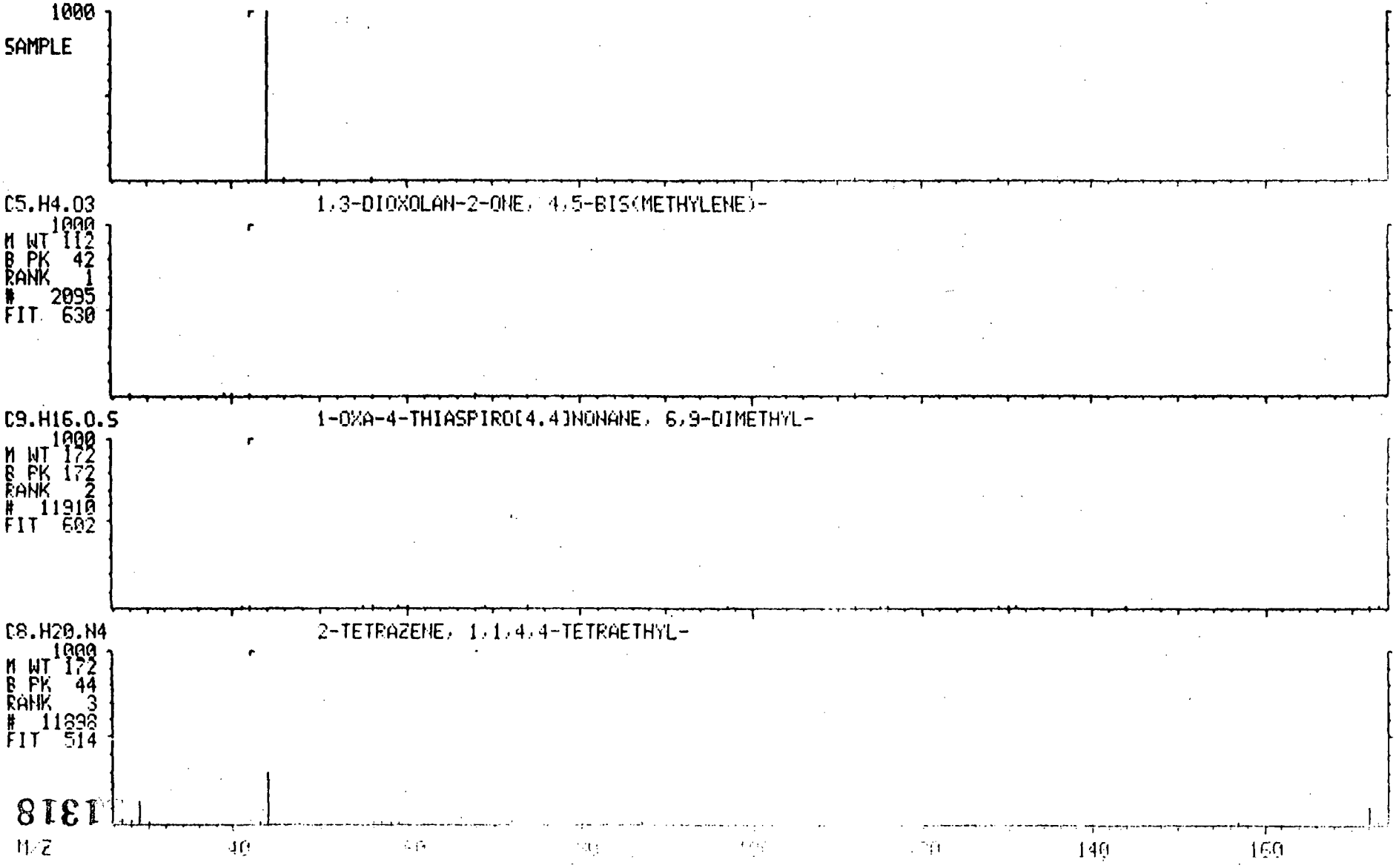
BASE M/Z: 44/ 44
RIC: 50751./ 129663.



LIBRARY SEARCH
12/16/87 12:39:00 + 0:33
SAMPLE: INST.BLANK
CONDS.:
ENHANCED (S 15B 2N 0T)

DATA: FU7862 # 11
CALI: FU7862 # 2

BASE M/Z: 44
RIC: 50751.



H2M LABS, INC.
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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. 765573 MS
Date Collected: 12/07/87
Date Received: 12/08/87
Type: Miscellaneous
Point: MW #1C Hr: 1530
Date Ext: 12/14/87 Date Anal: 12/14/87
Conc./Dil. factor: 1:1 Conc: Low

RESULTS FOR PRIORITY POLLUTANTS ANALYSIS
PURGEABLE ORGANICS

Scan #	C.A.S. Number		ug/l
	74-87-3	Chloromethane	10U
	74-83-9	Bromomethane	10U
	75-01-4	Vinyl Chloride	10U
	75-00-3	Chloroethane	10U
130	75-09-2	Methylene Chloride	12B
	75-35-4	1,1-Dichloroethene	*
	75-34-3	1,1-Dichloroethane	5U
	156-60-5	cis/trans-1,2-Dichloroethene	5U
227	67-66-3	Chloroform	1J
	107-02-2	1,2-Dichloroethane	5U
	75-69-4	Trichlorofluoromethane	5U
	71-55-6	1,1,1-Trichloroethane	5U
	56-23-5	Carbon tetrachloride	5U
	75-27-4	Bromodichloromethane	5U
	70-87-5	1,2-Dichloropropane	5U
	10061-02-6	trans-1,3-Dichloropropene	5U
	79-01-6	Trichloroethene	*
	124-48-1	Dibromochloromethane	5U
	79-00-5	1,1,2-Trichloroethane	5U
	71-43-2	Benzene	*
	10061-01-5	cis-1,3-Dichloropropene	5U
	110-75-6	2-Chloroethylvinylether	10U
	75-25-2	Bromoform	5U
	127-18-4	Tetrachloroethene	5U
	79-34-5	1,1,2,2-Tetrachloroethane	5U
	108-88-3	Toluene	*
	108-90-7	Chlorobenzene	*
	100-41-4	Ethylbenzene	5U
	541-72-1	1,3-Dichlorobenzene	5U
	95-50-1	1,2-Dichlorobenzene	5U
	106-46-7	1,4-Dichlorobenzene	5U

Date Reported: 01/05/87

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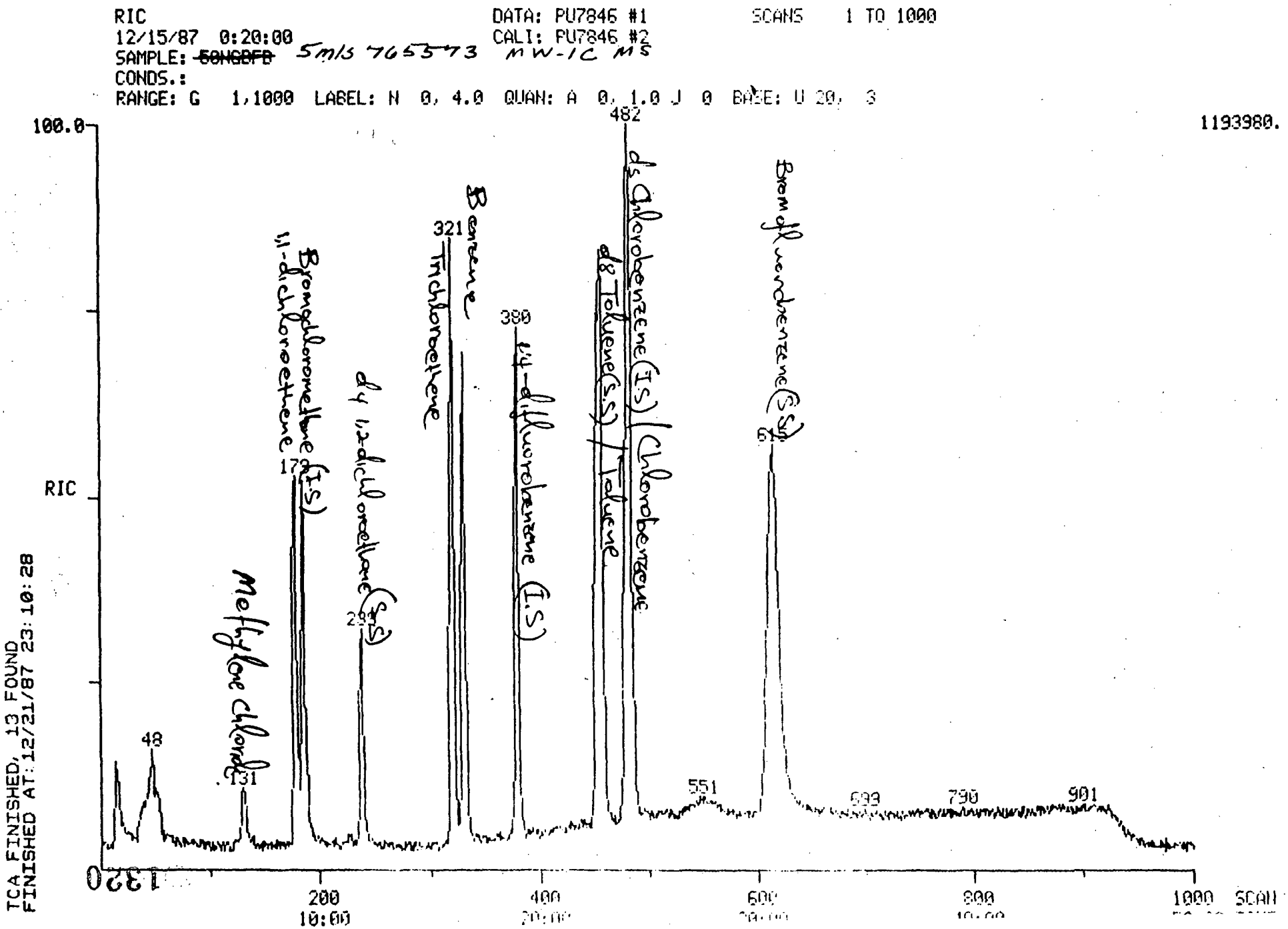
John J. Molloy, P.E.
Laboratory Director

1361


RIC
DATA: PU7846 #1
SCANS 1 TO 1000
12/15/87 0:20:00
CALI: PU7846 #2
SAMPLE: ~~50NGBFB~~ 5ml's 765573 MW-1C MS
CONDS.:
RANGE: G 1,1000 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
100.0
1193980.
RIC
1320
TCA FINISHED, 13 FOUND
FINISHED AT: 12/21/87 23:10:28
482
321
380
17
29
61
48
31
551
693
790
901
Methylene chloride
1,1-dichloroethene
Bromochloromethane (I.S.)
d4 1,2-dichloroethane (S.S.)
Trichloroethene
Benzene
1,4-difluorobenzene (I.S.)
d5 Chlorobenzene (I.S.)
d8 Toluene (S.S.)
Toluene
Bromofluorobenzene (S.S.)
200
10:00
400
600
800
1000
SCAN

QUANTITATION REPORT FILE: PU7846

DATA: PU7846.TI
12/15/87 0:20:00
SAMPLE: SMLE MW-1C 765573 MS
CONDS:
SUBMITTED BY: NO.SEA ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

No	NAME
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	D8-TOLUENE(SURR. STD)
49	BROMOFLUORBENZENE(SURR. STD)

No	M/I	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
1	128	186	9:18	1	1.000	A BB	292000.	50.000 UG/L	5.34
2	65	239	11:57	1	1.285	A BB	408891.	42.180 UG/L	4.51
3	50	35	1:45	1	0.188	A*BV	6386.	0.828 UG/L	0.09
4	94	60	3:00	1	0.323	A*BV	7197.	1.145 UG/L	0.12
5	62	71	3:33	1	0.382	A BV	1210.	0.196 UG/L	0.02
6	64	95	4:45	1	0.511	A BB	939.	0.142 UG/L	0.02
7	84	130	6:30	1	0.699	A VB	139429.	12.197 UG/L	1.30
~~8~~	~~49~~	~~101~~	~~5:03~~	~~1~~	~~0.543~~	~~A BB~~	~~8578.~~	~~0.870 UG/L~~	~~0.09~~
~~9~~	~~76~~	~~110~~	~~5:54~~	~~1~~	~~0.634~~	~~A BB~~	~~819.~~	~~17.789 UG/L~~	~~2.11~~
10	96	179	8:57	1	0.962	A BB	379296.	45.640 UG/L	4.88
11	63	199	9:57	1	1.070	A VV	3659.	0.216 UG/L	0.02
12	96	216	10:48	1	1.161	A BV	6250.	0.717 UG/L	0.08
13	83	227	11:21	1	1.220	A*BB	25047.	1.078 UG/L	0.12
14	NOT FOUND								
15	101	154	7:42	1	0.828	A BB	1107.	0.076 UG/L	0.01
~~16~~	~~85~~	~~76~~	~~3:48~~	~~1~~	~~0.407~~	~~A BB~~	~~2240.~~	~~14.260 UG/L~~	~~1.52~~
~~17~~	~~56~~	~~141~~	~~7:03~~	~~1~~	~~0.758~~	~~A*BB~~	~~5819.~~	~~12.765 UG/L~~	~~1.36~~
~~18~~	~~53~~	~~149~~	~~7:27~~	~~1~~	~~0.801~~	~~A*BB~~	~~6196.~~	~~288.886 UG/L~~	~~30.20~~
19	114	380	19:00	19	1.000	A BB	1406170.	50.000 UG/L	5.34

137

~~31~~	~~43~~	~~172~~	~~[illegible]~~	~~19~~	~~0.459~~	~~A BB~~	~~[illegible]~~	~~1.911 UG/L~~	~~0.14~~
32	97	200	10:00	19	0.526	A BB	812.	0.047 UG/L	0.01
33	117	253	13:39	19	0.666	A*BB	1278.	0.211 UG/L	0.02
~~34~~	~~43~~	~~189~~	~~[illegible]~~	~~19~~	~~0.496~~	~~A*BB~~	~~2210.~~	~~2.657 UG/L~~	~~0.20~~
34	83	268	13:24	19	0.705	A*BB	3419.	0.223 UG/L	0.02
35	63	299	14:57	19	0.787	A BV	2375.	0.166 UG/L	0.02
36	75	297	14:51	19	0.782	A*BB	3056.	0.192 UG/L	0.02
37	130	320	16:00	19	0.842	A BB	728535.	42.816 UG/L	4.57
38	NOT	FOUND							
39	97	333	16:39	19	0.876	A VB	2524.	0.189 UG/L	0.02
40	78	331	16:33	19	0.871	A BV	1449800.	44.433 UG/L	4.75
41	~~75~~	~~331~~	~~16:33~~	~~19~~	~~0.871~~	~~A*VB~~	~~44600.~~	~~4.840 UG/L~~	~~0.52~~
42	63	355	17:45	19	0.934	A BB	1161.	0.275 UG/L	0.03
43	173	382	19:06	19	1.005	A BB	727.	0.074 UG/L	0.01
44	117	481	24:03	34	1.000	A VB	1138070.	50.000 UG/L	5.34
~~45~~	~~43~~	~~367~~	~~18:21~~	~~34~~	~~0.768~~	~~A BB~~	~~8080.~~	~~0.960 UG/L~~	~~0.04~~
~~46~~	~~43~~	~~458~~	~~22:54~~	~~34~~	~~0.962~~	~~A*VB~~	~~69072.~~	~~11.364 UG/L~~	~~1.21~~
47	164	430	21:30	34	0.894	A BB	5858.	0.526 UG/L	0.06
48	83	428	21:24	34	0.890	A BV	5688.	0.276 UG/L	0.03
49	92	457	22:51	34	0.950	A BB	981306.	51.405 UG/L	5.49
50	112	484	24:12	34	1.006	A BB	1298750.	59.146 UG/L	6.32
51	106	528	26:24	34	1.098	A*BV	4057.	0.428 UG/L	0.05
~~52~~	~~104~~	~~666~~	~~33:18~~	~~34~~	~~1.378~~	~~A*BB~~	~~4510.~~	~~13.306 UG/L~~	~~1.42~~
~~53~~	~~106~~	~~678~~	~~33:54~~	~~34~~	~~1.396~~	~~A*VB~~	~~6750.~~	~~29.157 UG/L~~	~~3.12~~
~~54~~	~~105~~	~~716~~	~~35:54~~	~~34~~	~~1.493~~	~~A*BB~~	~~9250.~~	~~21.260 UG/L~~	~~2.27~~
55	NOT	FOUND							
56	NOT	FOUND							
57	NOT	FOUND							
58	100	453	22:39	34	0.942	A BB	828784.	51.729 UG/L	5.53
59	~~92~~	~~613~~	~~30:39~~	~~34~~	~~1.274~~	~~A BB~~	~~684616~~	45.067 UG/L	4.81

MIS IDENT

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. 765573 MSD
Date Collected: 12/07/87
Date Received: 12/08/87
Type: Miscellaneous
Point: MW #1C Hr: 1530
Date Ext: 12/14/87 Date Anal: 12/14/87
Conc./Dil. factor: 1:1 Conc: Low

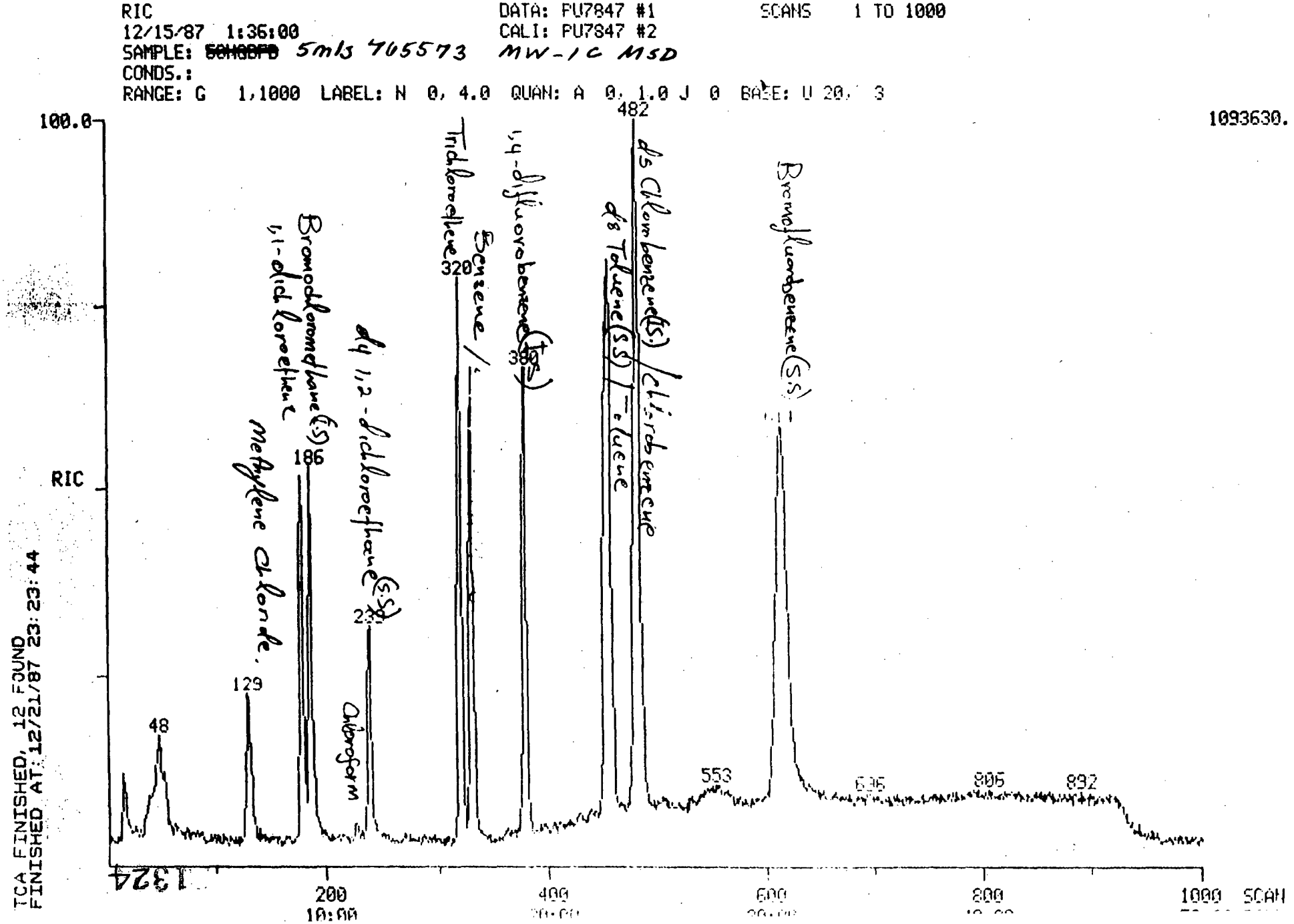
RESULTS FOR PRIORITY POLLUTANTS ANALYSIS
PURGEABLE ORGANICS

Scan #	C.A.S. Number		ug/l
	74-87-3	Chloromethane	10U
	74-83-9	Bromomethane	10U
	75-01-4	Vinyl Chloride	10U
	75-00-3	Chloroethane	10U
129	75-09-2	Methylene Chloride	26B
	75-35-4	1,1-Dichloroethene	*
	75-34-3	1,1-Dichloroethane	5U
	156-60-5	cis/trans-1,2-Dichloroethene	5U
227	67-66-3	Chloroform	1J
	107-02-2	1,2-Dichloroethane	5U
	75-69-4	Trichlorofluoromethane	5U
	71-55-6	1,1,1-Trichloroethane	5U
	56-23-5	Carbon tetrachloride	5U
	75-27-4	Bromodichloromethane	5U
	70-87-5	1,2-Dichloropropane	5U
	10061-02-6	trans-1,3-Dichloropropene	5U
	79-01-6	Trichloroethene	*
	124-48-1	Dibromochloromethane	5U
	79-00-5	1,1,2-Trichloroethane	5U
	71-43-2	Benzene	*
	10061-01-5	cis-1,3-Dichloropropene	5U
	110-75-6	2-Chloroethylvinylether	10U
	75-25-2	Bromoform	5U
	127-18-4	Tetrachloroethene	5U
	79-34-5	1,1,2,2-Tetrachloroethane	5U
	108-88-3	Toluene	*
	108-90-7	Chlorobenzene	*
	100-41-4	Ethylbenzene	5U
	541-72-1	1,3-Dichlorobenzene	5U
	95-50-1	1,2-Dichlorobenzene	5U
	106-46-7	1,4-Dichlorobenzene	5U

Date Reported: 01/05/87

John J. Molloy, P.E.
Laboratory Director

1323


RIC
12/15/87 1:36:00
SAMPLE: ~~SCHGBFB~~ 5mls 705573 MW-1C MSD
CONDS.:
RANGE: G 1,1000 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
DATA: PU7847 #1
CALI: PU7847 #2
SCANS 1 TO 1000
100.0
1093630.
RIC
48
129
186
320
380
482
553
635
805
892
Methylene chloride
1,1-dichloroethene
Bromodichloromethane (S)
Trichloroethene
Benzene
1,4-difluorobenzene (IS)
d4 1,2-dichloroethane (S)
Chloroform
d5 Chlorobenzene (IS)
d8 Toluene (SS)
Toluene
Bromofluorobenzene (SS)
200
400
600
800
1000
SCAN
10:00
1324
TCA FINISHED, 12 FOUND
FINISHED AT: 12/21/87 23:23:44

QUANTITATION REPORT FILE: PU7847

DATA: PU7847.TI
12/15/87 1:36:00
SAMPLE: SMLS MW-1C 765573 MSD
CONDS. :
SUBMITTED BY: TNH ANALYST: SS

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
RESP. FAC. FROM LIBRARY ENTRY

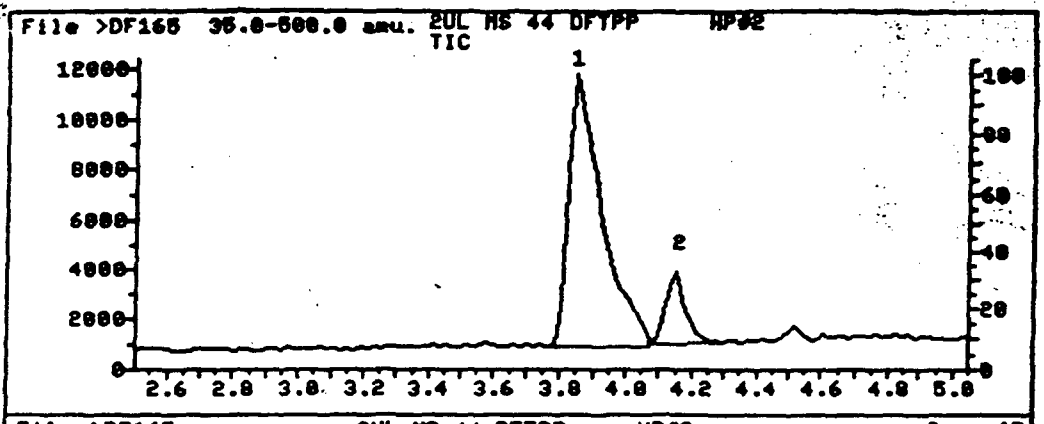
No	NAME
1	BROMOCHRLOROMETHANE (INT. STD.)
2	1,2-DICHLOROETHANE D4 (SURR. STD)
3	CHLOROMETHANE
4	BROMOMETHANE
5	VINYL CHLORIDE
6	CHLOROETHANE
7	METHYLENE CHLORIDE (C)
8	ACETONE
9	CARBON DISULPHIDE
10	1,1-DICHLOROETHENE (B)
11	1,1-DICHLOROETHANE(E)
12	TRANS -1,2-DICHLOROETHENE (D)
13	CHLOROFORM
14	1,2-DICHLOROETHANE(H)
15	TRICHLOROFLUOROMETHANE
16	DICHLOROFLUOROMETHANE
17	ACROLEIN
18	ACRYLONITRILE
19	1,4-DIFLUOROBENZENE(INT. STD)
20	2-BUTANONE (MEK)
21	1,1,1-TRICHLOROETHANE (I)
22	CARBON TETRACHLORIDE(J)
23	VINYL ACETATE
24	BROMODICHLOROMETHANE(L)
25	1,2-DICHLOROPROPANE(X)
26	TRANS 1,3-DICHLOROPROPENE (AA)
27	TRICHLOROETHENE(K)
28	DIBROMOCHLOROMETHANE(O)
29	1,1,2-TRICHROETHANE(M)
30	BENZENE(BEN)
31	CIS-1,3-DICHLOROPROPENE(Z)
32	2-CHLOROETHYLVINYLETHER(NN)
33	BROMOFORM(P)
34	CHLOROBENZENE-D5 (INT. STD)
35	2-HEXANONE(MBK)
36	4-METHYL-2-PENTANONE(MIBK)
37	TETRACHLOROETHENE(N)
38	ETHANE, 1,1,2,2-TETRACHLORO-
39	TOLUENE(TOL)
40	CHLOROBENZENE(Q)
41	ETHYLBENZENE(EB)
42	STYRENE
43	META-XYLENE
44	ORTHO/PARA-XYLENE
45	META-DICHLOROBENZENE(MDCB)
46	ORTHO-DICHLOROBENZENE (ODCB)
47	PARA-DICHLOROBENZENE(PDCB)
48	D8-TOLUENE(SURR. STD)
49	BROMOFLUORBENZENE(SURR. STD)

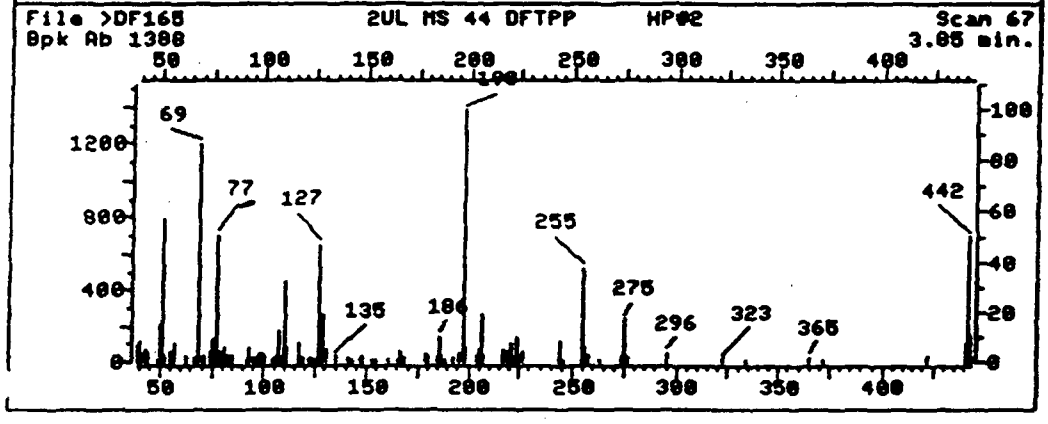
No	M/Z	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
1	128	186	9:18	1	1.000	A BB	275264.	50.000 UG/L	5.67
2	65	239	11:57	1	1.285	A BB	379441.	41.522 UG/L	4.71
3	50	25	1:15	1	0.134	A*BB	1597.	0.220 UG/L	0.02
4	94	46	2:18	1	0.247	A*BV	4807.	0.811 UG/L	0.09
5	62	62	3:06	1	0.333	A*BB	2989.	0.514 UG/L	0.06
6	64	82	4:06	1	0.441	A*BB	2309.	0.370 UG/L	0.04
7	84	129	6:27	1	0.694	A VV	277755.	25.775 UG/L	2.92
~~8~~	~~49~~	~~105~~	~~5:15~~	~~1~~	~~0.565~~	~~A BB~~	~~7962.~~	~~1.878 UG/L~~	~~0.22~~
~~9~~	~~NOT FOUND~~								
10	96	178	8:54	1	0.957	A BB	384272.	49.051 UG/L	5.56
11	63	196	9:48	1	1.054	A VB	2671.	0.168 UG/L	0.02
12	96	217	10:51	1	1.167	A*BV	6560.	0.798 UG/L	0.09
13	83	227	11:21	1	1.220	A*BV	30370.	1.387 UG/L	0.16
14	62	246	12:18	1	1.323	A*BB	1684.	0.089 UG/L	0.01
15	101	157	7:51	1	0.844	A*BB	1670.	0.122 UG/L	0.01
~~16~~	~~85~~	~~76~~	~~3:48~~	~~1~~	~~0.407~~	~~A*BB~~	~~2877.~~	~~15.077 UG/L~~	~~1.74~~
~~17~~	~~56~~	~~140~~	~~7:00~~	~~1~~	~~0.750~~	~~A*BB~~	~~6870.~~	~~17.486 UG/L~~	~~1.70~~
~~18~~	~~69~~	~~167~~	~~7:51~~	~~1~~	~~0.844~~	~~A*BV~~	~~4016.~~	~~238.613 UG/L~~	~~26.49~~
19	114	379	18:57	19	1.000	A BB	1231260.	50.000 UG/L	5.67

1325

~~21~~	~~1~~	~~17~~	~~8:42~~	~~19~~	~~0.444~~	~~A*BB~~	~~7995.~~	~~1.618~~	~~UG/L~~	~~0.18~~
22	NOT	FOUND								
23	117	255	12:45	19	0.673	A*BB	1334.	0.251	UG/L	0.03
~~24~~	~~1~~	~~184~~	~~9:48~~	~~19~~	~~0.517~~	~~A BB~~	~~3823.~~	~~1.262~~	~~UG/L~~	~~0.14~~
24	83	270	13:30	19	0.712	A*BB	3093.	0.230	UG/L	0.03
25	NOT	FOUND								
26	75	299	14:57	19	0.789	A BB	808.	0.058	UG/L	0.01
27	130	320	16:00	19	0.844	A BB	622782.	41.801	UG/L	4.74
28	NOT	FOUND								
29	97	331	16:33	19	0.873	A*VV	7610.	0.649	UG/L	0.07
30	78	331	16:33	19	0.873	A VV	1273500.	44.575	UG/L	5.06
~~31~~	~~75~~	~~331~~	~~16:33~~	~~19~~	~~0.873~~	~~A VB~~	~~27675.~~	~~3.430~~	~~UG/L~~	~~0.39~~
32	NOT	FOUND								
33	173	379	18:57	19	1.000	A BB	785.	0.091	UG/L	0.01
34	117	480	24:00	34	1.000	A VB	1021170.	50.000	UG/L	5.67
~~35~~	~~16~~	~~360~~	~~18:00~~	~~34~~	~~0.750~~	~~A*VB~~	~~16800.~~	~~0.837~~	~~UG/L~~	~~0.05~~
~~36~~	~~13~~	~~457~~	~~22:51~~	~~34~~	~~0.952~~	~~A BV~~	~~59560.~~	~~12.760~~	~~UG/L~~	~~1.45~~
37	164	430	21:30	34	0.896	A*BB	5992.	0.600	UG/L	0.07
38	83	421	21:03	34	0.877	A*BB	5075.	0.274	UG/L	0.03
39	92	457	22:51	34	0.952	A BB	862302.	50.342	UG/L	5.71
40	112	483	24:09	34	1.006	A BB	1165970.	59.178	UG/L	6.71
41	106	537	26:51	34	1.119	A*BB	5814.	0.683	UG/L	0.08
~~42~~	~~134~~	~~676~~	~~33:48~~	~~34~~	~~1.408~~	~~A*BB~~	~~5287.~~	~~17.384~~	~~UG/L~~	~~1.97~~
~~43~~	~~134~~	~~708~~	~~35:00~~	~~34~~	~~1.458~~	~~A BV~~	~~8846.~~	~~29.643~~	~~UG/L~~	~~3.35~~
~~44~~	~~146~~	~~745~~	~~37:15~~	~~34~~	~~1.552~~	~~A BB~~	~~1350.~~	~~9.885~~	~~UG/L~~	~~1.12~~
45	146	814	40:42	34	1.696	A BB	1371.	0.104	UG/L	0.01
46	146	853	42:39	34	1.777	A*BV	3833.	0.335	UG/L	0.04
47	146	853	42:39	34	1.777	A*BV	3833.	0.297	UG/L	0.03
48	190	453	22:39	34	0.944	A BB	725612.	50.474	UG/L	5.72
49	95	613	30:39	34	1.277	A BB	626408.	45.823	UG/L	5.20

1326

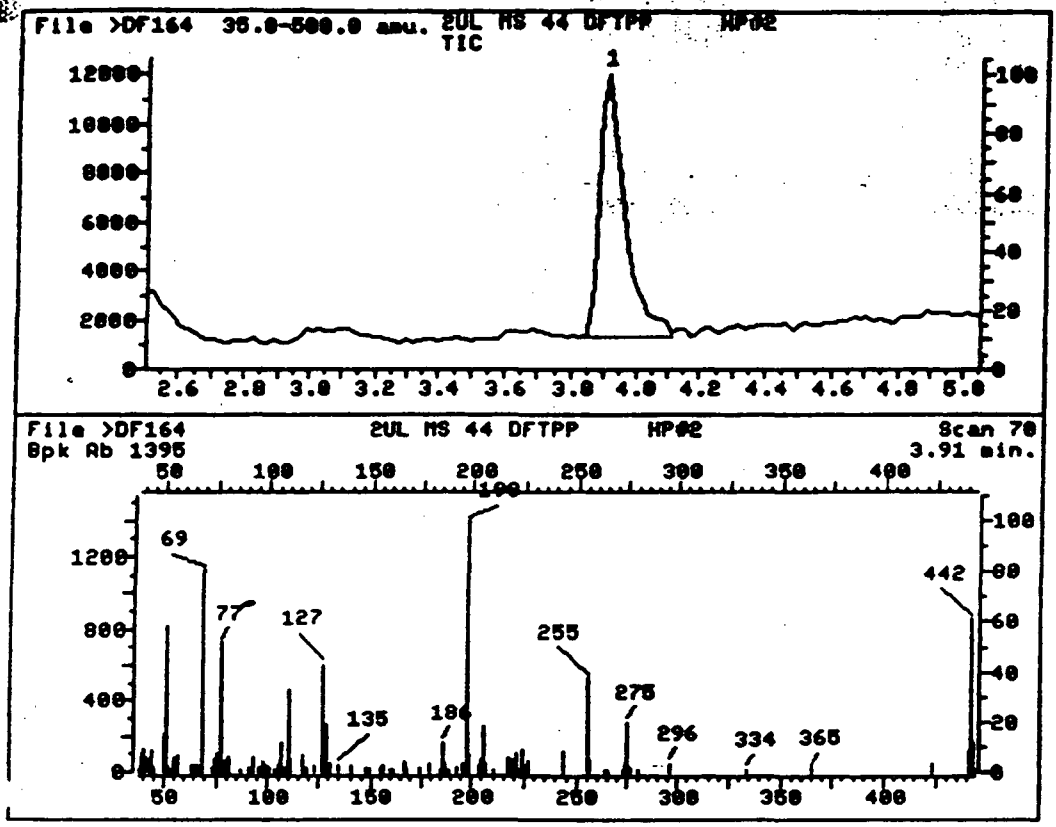




>DF165 2UL MS 44 DFTPP HP#2
67 NRM

File: >DF165 Scan #: 67 Retn. time: 3.85

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.95	7.061	78.95	4.035	117.00	7.493	178.95	3.314	244.00	8.069
39.95	8.285	79.85	2.450	118.85	1.652	179.95	2.161	245.00	1.297
40.95	3.746	80.95	5.836	121.95	1.009	184.90	1.873	245.80	.865
43.05	5.403	81.95	2.017	122.95	1.945	185.90	10.375	254.95	37.392
43.95	4.323	82.95	2.594	123.95	1.009	187.00	2.594	255.95	5.476
48.95	1.009	83.95	.937	124.95	1.225	188.90	.865	257.95	2.161
49.95	15.346	84.95	2.810	126.95	46.686	193.00	1.513	263.95	1.297
51.05	57.061	91.95	.937	127.95	3.890	195.90	3.026	273.90	2.882
51.95	2.954	92.95	5.548	128.95	19.092	197.90	100.000	275.00	17.435
55.00	4.179	95.05	2.017	130.95	5.403	198.90	6.268	275.90	2.378
56.00	2.522	96.05	1.441	134.95	2.522	203.95	2.305	276.90	1.369
56.90	7.277	97.00	1.801	140.90	2.017	204.95	5.115	295.85	3.458
63.00	2.233	98.00	3.602	142.80	.865	205.95	18.876	323.00	1.657
67.00	1.441	98.90	3.530	146.90	1.441	206.95	2.954	333.85	.865
68.90	86.311	100.00	3.098	147.90	2.522	216.95	5.331	364.90	1.801
70.00	1.369	100.90	2.810	152.90	1.009	218.95	4.539	372.00	.937
71.00	2.594	104.00	1.009	154.90	1.153	221.05	7.277	422.95	2.810
74.00	4.179	105.00	1.657	161.00	1.297	223.05	1.441	441.00	7.277
75.00	9.438	107.00	12.104	165.95	1.009	223.95	9.654	442.00	50.216
76.05	2.666	107.90	2.089	166.95	3.890	225.05	2.882	443.00	10.663
76.95	50.440	110.00	31.998	167.95	1.945	226.90	4.035	444.00	1.441



>DF164 2UL MS 44 DFTPP HP#2
70 NRM

File: >DF164 Scan #: 70 Retn. time: 3.91

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.95	1.147	75.00	7.240	110.00	33.262	178.95	3.226	226.90	3.943
38.95	7.599	75.95	2.724	111.00	5.018	184.90	1.290	244.00	8.315
39.95	9.247	76.95	51.756	116.90	6.667	185.90	11.685	254.95	37.778
41.05	5.735	78.05	3.584	118.85	1.649	187.00	3.154	255.95	5.376
43.05	5.018	78.95	4.158	122.95	2.366	188.90	.717	263.95	1.219
43.95	8.029	79.95	2.939	126.95	43.441	192.90	1.362	265.05	1.075
44.95	1.434	80.95	5.520	127.95	3.799	195.90	3.154	272.80	1.290
50.05	14.695	86.95	1.219	128.95	18.925	197.90	100.000	273.90	3.513
51.05	58.423	90.95	2.151	130.95	3.728	199.00	6.523	274.90	20.072
52.05	2.796	91.85	1.290	135.05	2.796	203.95	2.652	276.00	2.366
52.85	1.147	92.95	5.591	140.90	2.294	204.95	4.659	276.90	1.434
55.00	6.237	95.95	1.362	142.00	2.007	205.95	17.849	280.90	1.147
56.00	2.222	97.00	1.649	148.90	1.362	206.95	3.656	295.95	3.799
57.00	6.953	98.00	3.871	155.80	1.362	210.55	.932	333.95	.932
63.90	2.437	98.80	2.652	156.00	2.222	216.85	5.735	365.00	1.720
64.90	2.939	99.90	2.437	160.00	1.004	218.85	5.090	422.95	3.728
65.90	2.867	100.90	1.864	160.80	1.147	220.95	7.455	440.90	8.530
67.00	2.294	103.90	1.290	166.95	4.444	222.85	.932	442.00	61.075
68.90	80.860	105.00	2.581	167.95	1.864	223.95	9.462	442.90	11.254
73.00	2.151	106.90	12.043	174.95	1.577	224.95	2.652	443.90	1.004

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab Number Method Blank 228
Conc. Factor: 500 Conc.: Low
Date Ext: 12/09/87 Date Anal: 12/17/87

#	Number		Scan ug/l	C.A.S. Number		C.A.S. ug/l	Scan
	65-75-9	N-Nitrosodimethylamine	10U	83-32-9	Acenaphthene	10U	
	108-95-2	Phenol	10U	51-28-5	2,4-Dinitrophenol	50U	
	111-44-4	bis(2-Chloroethyl)ether	10U	100-02-7	4-Nitrophenol	50U	
	95-57-8	2-Chlorophenol	10U	121-14-2	2,4-Dinitrotoluene	10U	
	541-73-1	1,3-Dichlorobenzene	10U	606-20-2	2,6-Dinitrotoluene	10U	
	106-46-7	1,4-Dichlorobenzene	10U	84-66-2	Diethylphthalate	10U	
	95-50-1	1,2-Dichlorobenzene	10U	7005-72-3	4-Chlorophenyl-phenylether	10U	
	39638329	bis(2-chloroisopropyl)ether	10U	86-73-7	Fluorene	10U	
	621-64-7	N-Nitroso-Di-n-Propylamine	10U	534-52-1	4,6-Dinitro-2-Methylphenol	50U	
	67-72-1	Hexachloroethane	10U	86-30-6	N-Nitrososdiphenylamine(1)	10U	
	98-95-3	Nitrobenzene	10U				
	78-59-1	Isophorone	10U	101-55-3	4-Bromophenyl-phenylether	10U	
	88-75-5	2-Nitrophenol	10U	118-74-1	Hexachlorobenzene	10U	
	105-67-9	2,4-Dimethylphenol	10U	87-86-5	Pentachlorophenol	50U	
				85-01-8	Phenanthrene	10U	
	111-91-1	bis(2-Chloroethoxy)Methane	10U	120-12-7	Anthracene	10U	
	120-83-2	2,4-Dichlorophenol	10U	84-74-2	Di-n-Butylphthalate	10U	
	120-82-1	1,2,4-Trichlorobenzene	10U	206-44-0	Fluoranthene	10U	
	91-20-3	Naphthalene	10U	129-00-0	Pyrene	10U	
	87-68-3	Hexachlorobutadiene	10U	85-68-7	Butylbenzylphthalate	10U	
	59-50-7	4-Chloro-3-Methylphenol	10U	91-94-1	3,3'-Dichlorobenzidine	20U	
				56-55-3	Benzo(a)Anthracene	10U	
	77-47-4	Hexachlorocyclopentadiene	10U	117-81-7	bis(2-Ethylhexyl)Phthalate	41	1511
	88-06-2	2,4,6-Trichlorophenol	10U	218-01-9	Chrysene	10U	
				117-84-0	Di-n-Octyl Phthalate	10U	
	91-58-7	2-Chloronaphthalene	10U	205-99-2	Benzo(b)Fluoranthene	10U	
				207-08-9	Benzo(k)Fluoranthene	10U	
	131-11-3	Dimethyl Phthalate	10U	50-32-8	Benzo(a)Pyrene	10U	
	208-96-8	Acenaphthylene	10U	193-39-5	Indeno(1,2,3-cd)Pyrene	10U	
				53-70-3	Dibenzo(a,h)Anthracene	10U	
				191-24-2	Benzo(g,h,i)Perylene	10U	
				92-87-5	Benzidine	80U	

(1) - Cannot be separated from diphenylamine

Date Reported: 01/05/88

John J. Molloy, P.E.
Laboratory Director

1329

H2M LABS, INC.
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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 228

Tentatively Identified Compounds

C.A.S. Number	Compound Name	% Probability Fit	Scan #	Estimated Concentration ug/l
---	Unknown	---	183	12J
---	Unknown	---	1148	12J

Date Reported: 01/05/88

John J. Molloy, P.E.
Laboratory Director

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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab Number Method Blank 229
Conc. Factor: 500 Conc.: Low
Date Ext: 12/11/87 Date Anal: 12/16/87

#	Number		Scan ug/l	C.A.S. Number		C.A.S. ug/l	Scan
	65-75-9	N-Nitrosodimethylamine	10U	83-32-9	Acenaphthene	10U	
	108-95-2	Phenol	10U	51-28-5	2,4-Dinitrophenol	50U	
	111-44-4	bis(2-Chloroethyl)ether	10U	100-02-7	4-Nitrophenol	50U	
	95-57-8	2-Chlorophenol	10U	121-14-2	2,4-Dinitrotoluene	10U	
	541-73-1	1,3-Dichlorobenzene	10U	606-20-2	2,6-Dinitrotoluene	10U	
	106-46-7	1,4-Dichlorobenzene	10U	84-66-2	Diethylphthalate	10U	
	95-50-1	1,2-Dichlorobenzene	10U	7005-72-3	4-Chlorophenyl-phenylether	10U	
	39638329	bis(2-chloroisopropyl)ether	10U	86-73-7	Fluorene	10U	
	621-64-7	N-Nitroso-Di-n-Propylamine	10U	534-52-1	4,6-Dinitro-2-Methylphenol	50U	
	67-72-1	Hexachloroethane	10U	86-30-6	N-Nitrososdiphenylamine(1)	10U	
	98-95-3	Nitrobenzene	10U				
	78-59-1	Isophorone	10U	101-55-3	4-Bromophenyl-phenylether	10U	
	88-75-5	2-Nitrophenol	10U	118-74-1	Hexachlorobenzene	10U	
	105-67-9	2,4-Dimethylphenol	10U	87-86-5	Pentachlorophenol	50U	
				85-01-8	Phenanthrene	10U	
	111-91-1	bis(2-Chloroethoxy)Methane	10U	120-12-7	Anthracene	10U	
	120-83-2	2,4-Dichlorophenol	10U	84-74-2	Di-n-Butylphthalate	10U	
	120-82-1	1,2,4-Trichlorobenzene	10U	206-44-0	Fluoranthene	10U	
	91-20-3	Naphthalene	10U	129-00-0	Pyrene	10U	
	87-68-3	Hexachlorobutadiene	10U	85-68-7	Butylbenzylphthalate	10U	
	59-50-7	4-Chloro-3-Methylphenol	10U	91-94-1	3,3'-Dichlorobenzidine	20U	
				56-55-3	Benzo(a)Anthracene	10U	
	77-47-4	Hexachlorocyclopentadiene	10U	117-81-7	bis(2-Ethylhexyl)Phthalate	25	1515
	88-06-2	2,4,6-Trichlorophenol	10U	218-01-9	Chrysene	10U	
				117-84-0	Di-n-Octyl Phthalate	10U	
	91-58-7	2-Chloronaphthalene	10U	205-99-2	Benzo(b)Fluoranthene	10U	
				207-08-9	Benzo(k)Fluoranthene	10U	
	131-11-3	Dimethyl Phthalate	10U	50-32-8	Benzo(a)Pyrene	10U	
	208-96-8	Acenaphthylene	10U	193-39-5	Indeno(1,2,3-cd)Pyrene	10U	
				53-70-3	Dibenzo(a,h)Anthracene	10U	
				191-24-2	Benzo(g,h,i)Perylene	10U	
				92-87-5	Benzidine	80U	

(1) - Cannot be separated from diphenylamine

Date Reported: 01/05/88

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John J. Molloy, P.E.
Laboratory Director

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 229

Tentatively Identified Compounds

C.A.S. Number	Compound Name	% Probability Fit	Scan #	Estimated Concentration ug/l
---	Unknown	---	185	50J
21964498	1,13-Tetradecadiene	81	1250	10J

Date Reported: 01/05/88

John J. Molloy, P.E.
Laboratory Director

1332

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab Number Method Blank 230
Conc. Factor: 500 Conc.: Low
Date Ext: 12/14/87 Date Anal: 12/17/87

#	C.A.S. Number		Scan ug/l	C.A.S. Number		C.A.S. ug/l	Scan
	65-75-9	N-Nitrosodimethylamine	10U	83-32-9	Acenaphthene	10U	
	108-95-2	Phenol	10U	51-28-5	2,4-Dinitrophenol	50U	
	111-44-4	bis(2-Chloroethyl)ether	10U	100-02-7	4-Nitrophenol	50U	
	95-57-8	2-Chlorophenol	10U	121-14-2	2,4-Dinitrotoluene	10U	
	541-73-1	1,3-Dichlorobenzene	10U	606-20-2	2,6-Dinitrotoluene	10U	
	106-46-7	1,4-Dichlorobenzene	10U	84-66-2	Diethylphthalate	10U	
	95-50-1	1,2-Dichlorobenzene	10U	7005-72-3	4-Chlorophenyl-phenylether	10U	
	39638329	bis(2-chloroisopropyl)ether	10U	86-73-7	Fluorene	10U	
	621-64-7	N-Nitroso-Di-n-Propylamine	10U	534-52-1	4,6-Dinitro-2-Methylphenol	50U	
	67-72-1	Hexachloroethane	10U	86-30-6	N-Nitrososdiphenylamine(1)	10U	
	98-95-3	Nitrobenzene	10U				
	78-59-1	Isophorone	10U	101-55-3	4-Bromophenyl-phenylether	10U	
	88-75-5	2-Nitrophenol	10U	118-74-1	Hexachlorobenzene	10U	
	105-67-9	2,4-Dimethylphenol	10U	87-86-5	Pentachlorophenol	50U	
				85-01-8	Phenanthrene	10U	
	111-91-1	bis(2-Chloroethoxy)Methane	10U	120-12-7	Anthracene	10U	
	120-83-2	2,4-Dichlorophenol	10U	84-74-2	Di-n-Butylphthalate	10U	
	120-82-1	1,2,4-Trichlorobenzene	10U	206-44-0	Fluoranthene	10U	
	91-20-3	Naphthalene	10U	129-00-0	Pyrene	10U	
	87-68-3	Hexachlorobutadiene	10U	85-68-7	Butylbenzylphthalate	10U	
	59-50-7	4-Chloro-3-Methylphenol	10U	91-94-1	3,3'-Dichlorobenzidine	20U	
				56-55-3	Benzo(a)Anthracene	10U	
	77-47-4	Hexachlorocyclopentadiene	10U	117-81-7	bis(2-Ethylhexyl)Phthalate	38	1512
	88-06-2	2,4,6-Trichlorophenol	10U	218-01-9	Chrysene	10U	
				117-84-0	Di-n-Octyl Phthalate	10U	
	91-58-7	2-Chloronaphthalene	10U	205-99-2	Benzo(b)Fluoranthene	10U	
				207-08-9	Benzo(k)Fluoranthene	10U	
	131-11-3	Dimethyl Phthalate	10U	50-32-8	Benzo(a)Pyrene	10U	
	208-96-8	Acenaphthylene	10U	193-39-5	Indeno(1,2,3-cd)Pyrene	10U	
				53-70-3	Dibenzo(a,h)Anthracene	10U	
				191-24-2	Benzo(g,h,i)Perylene	10U	
				92-87-5	Benzidine	80U	

(1) - Cannot be separated from diphenylamine

Date Reported: 01/05/88

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John J. Molloy, P.E.
Laboratory Director

1383

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 230

Tentatively Identified Compounds

C.A.S. Number	Compound Name	% Probability Fit	Scan #	Estimated Concentration ug/l
---.	Unknown	---	184	14J

Date Reported: 01/05/88

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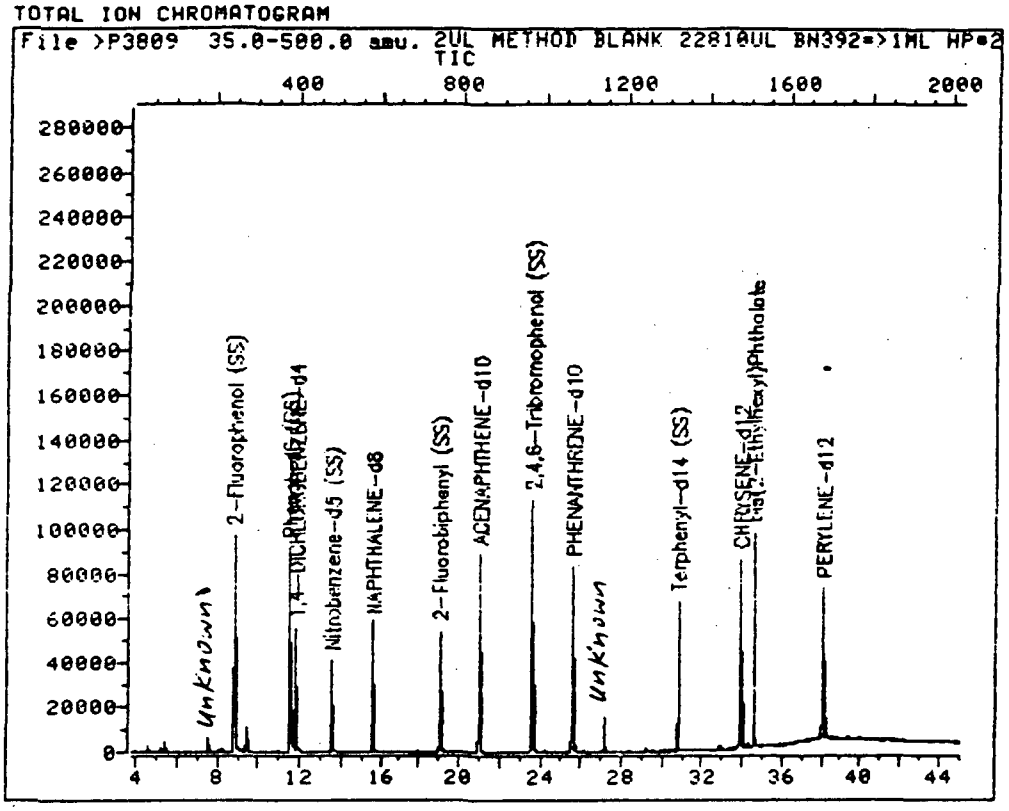
John J. Molloy, P.E.
Laboratory Director

1334

TOTAL ION CHROMATOGRAM



Data File: >P3809::B2 Quant Output File: ^P3809::QT
Name: 2UL METHOD BLANK 228
Misc: 10UL BN392=>1ML HP#2 BTL#27

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871217 23:39
Injected at: 871217 22:52

QUANT REPORT

Operator ID: GLENN
Output File: ^P3809::QT
Data File: >P3809::B2
Name: 2UL METHOD BLANK 228
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871217 23:39
Injected at: 871217 22:52
Dilution Factor: 1.00000

BTL#27

ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.79	394	21087	40.00	ug/mL	93
3)	2-Fluorophenol (SS)	8.75	245	53837	96.95	ug/mL	67
6)	Phenol-d6 (SS)	11.50	380	69272	79.81	ug/mL	98
14)	*NAPHTHALENE-d8	15.54	578	75491	40.00	ug/mL	56
15)	Nitrobenzene-d5 (SS)	13.50	478	29933	23.49	ug/mL	78
26)	*ACENAPHTHENE-d10	21.01	847	45587	40.00	ug/mL	93
30)	2-Fluorobiphenyl (SS)	19.04	750	40595	33.34	ug/mL	99
41)	2,4,6-Tribromophenol (SS)	23.56	972	46534	94.40	ug/mL	83
42)	*PHENANTHRENE-d10	25.58	1071	88230	40.00	ug/mL	64
52)	*CHRYSENE-d12	33.91	1480	94630	40.00	ug/mL	53
53)	Terphenyl-d14 (SS)	30.77	1326	64257	33.02	ug/mL	40
59)	bis(2-Ethylhexyl)Phthalate	34.54	1511	59461	20.52	ug/mL	87
61)	*PERYLENE-d12	38.07	1684	80589	40.00	ug/mL	77

* Compound is ISTD

MS data file header from : >P3809

Sample: 2UL METHOD BLANK 228 Operator: GLENN MS 12/17/87 22:52
Misc : 10UL BN392=>1ML HP#2 BTL#27
Sys. #: 2 MS model: 70 SW/HW rev.: IA ALS # : 0
Method file: EXTBNA Tuning file: MT8002 No. of extra records: 2
Source temp.: 0 Analyzer temp.: 280 Transfer line temp. : 0

Chromatographic temperatures :	30.	300.	0.	0.	0.
Chromatographic times, min. :	4.0	7.3	0.0	0.0	0.0
Chromatographic rate, deg/min:	8.0	0.0	0.0	.5	0.0

>P3809 2UL METHOD BLANK 22810UL BN392=>1ML HP#2
35.01 500.0 CLP ADC TIC
Upslope: .20 Area Reject: 14095. Max Peaks: 2 Bunching: 1
Dnslope: 0.00 Results File IP3809 Sorted by Time/Area INT

Peak #	R.T. min.	first scan	max scan	last scan	peak height	raw area	corr. area	corr. % max.	% of total
1	7.49	181	183	194	5843	21686	20257	57.96	36.693
2	27.15	1145	1148	1151	15527	35633	34950	100.00	63.307

Sum of corrected areas: 55207.

Summary of Unknowns PBM Library Search and Quantitation

Standard	Concentration	Area	Retention Time	Unknown Window
1	40.0	140950.	11.79	3.78 - 13.66
2	40.0	166185.	15.54	13.66 - 18.28
3	40.0	206460.	21.01	18.28 - 23.30
4	40.0	234005.	25.58	23.30 - 29.74
5	40.0	260295.	33.91	29.74 - 35.99
6	40.0	234490.	38.07	35.99 - 45.03

Dilution Factor (DF) = 1.00 Fractional Solids (FS) = 1.00
Amount Method (AM) = 0.00 Amount Used (AU) = 0.00

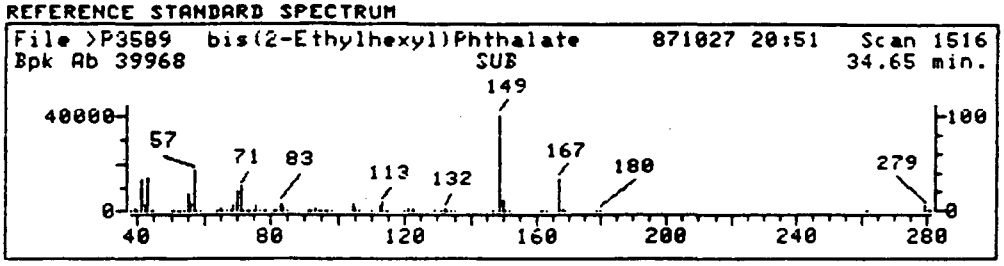
Correction Factor = ******** = (AM / AU) / (DF * FS)

$$\text{Unknown Concentration} = \frac{\text{Conc Int Std}}{\text{Area Int Std}} * \text{Area Unk} * \text{Correction Factor}$$

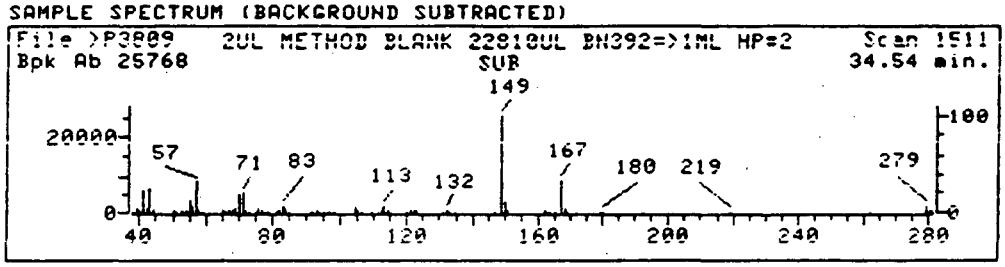
11:47 PM THU., 17 DEC., 1987

1387

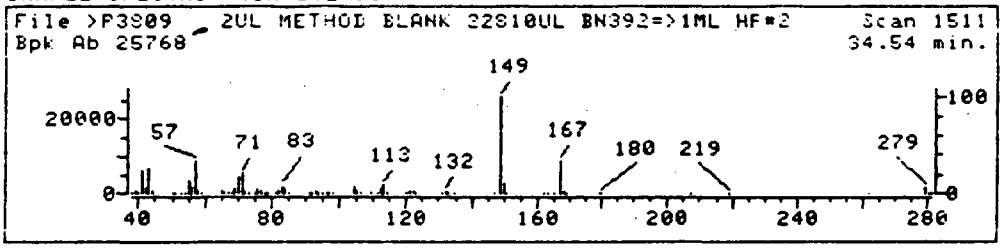
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

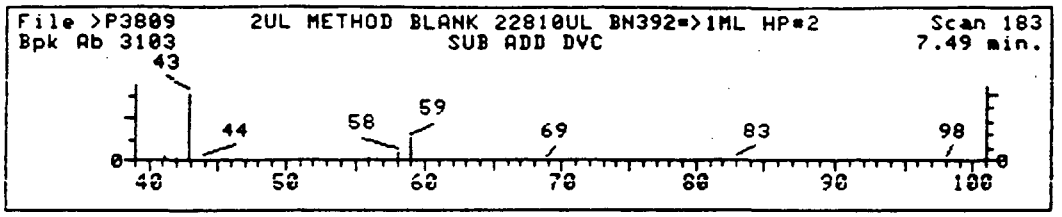


SAMPLE SPECTRUM (UNALTERED)



Data File: >P3809::B2 Quant Output File: ^P3809::QT
Name: 2UL METHOD BLANK 228
Misc: 10UL BN392=>1ML HP#2 BTL#27
Quant Time: 871217 23:39 Quant ID File: !IDXPP::ME
Injected at: 871217 22:52 Last Calibration: 871216 19:15

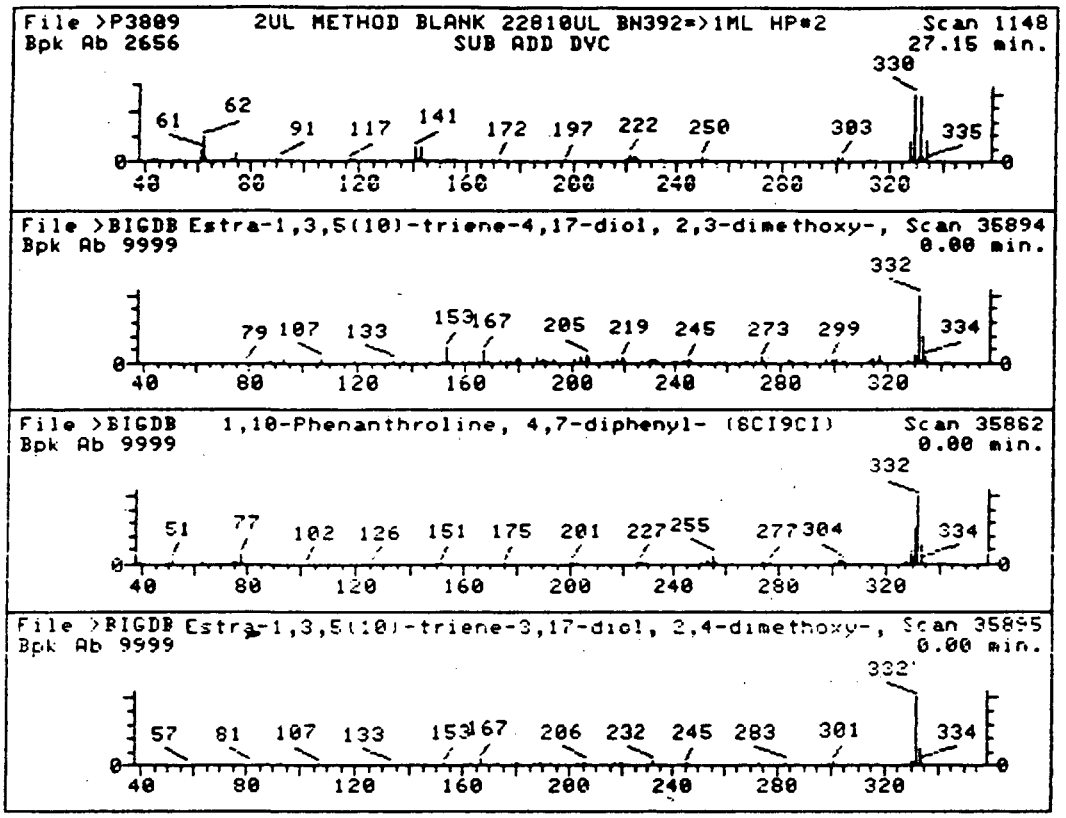
Compound No: 59
Compound Name: bis(2-Ethylhexyl)Phthalate
Scan Number: 1511
Retention Time: 34.54 min.
Quant Ion: 149.0
Area: 59461
Concentration: 20.52 ug/mL
q-value: 87



. Unknown #,1
Area = 20257.00 Tentative Concentration is 6.00

Sample file: >P3809 Spectrum #: 183

No data base entries were retrieved.



. Unknown #,2
Area = 34950.00 Tentative Concentration is 6.00

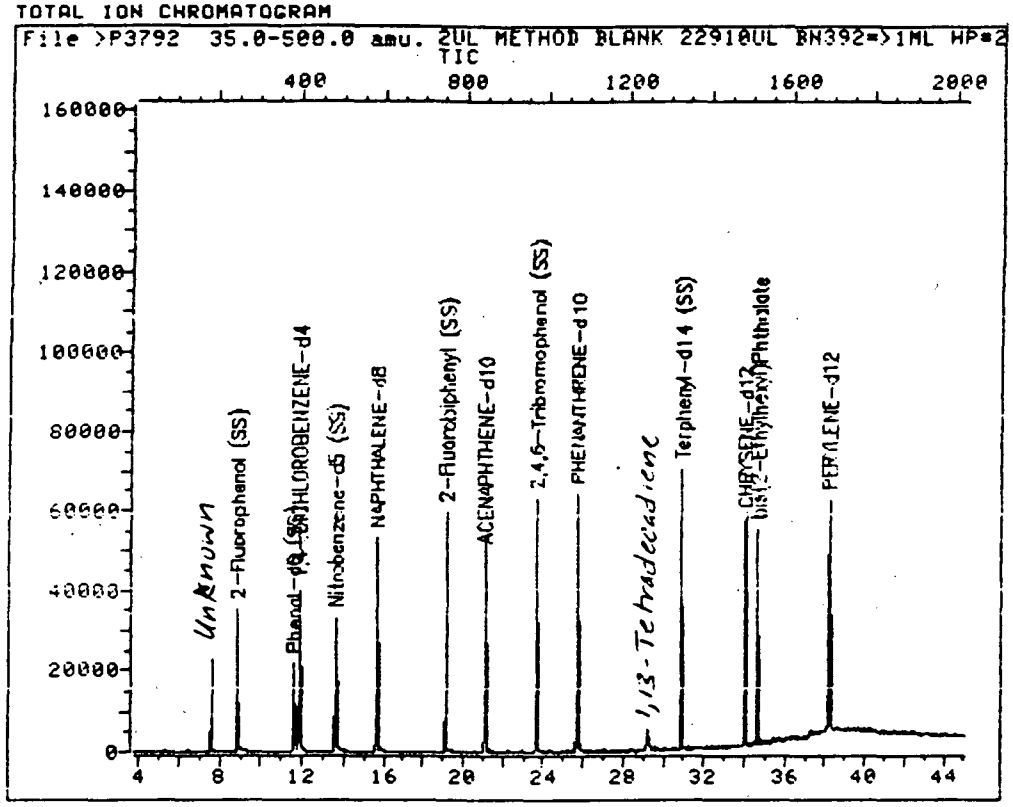
1.	Estra-1,3,5(10)-triene-4,17-diol, 2,3-dimethoxy-, (17.beta.)- (9CI)	332	C20H28O4
2.	1,10-Phenanthroline, 4,7-diphenyl- (8CI9CI)	332	C24H16N2
3.	Estra-1,3,5(10)-triene-3,17-diol, 2,4-dimethoxy-, (17.beta.)- (9CI)	332	C20H28O4
4.	Diacenaphtho[1,2-b:1',2'-d]thiophene (8CI9CI)	332	C24H12S
5.	1,4-Benzenediamine, N,N'-bis(1-methylheptyl)- (9CI)	332	C22H40N2
6.	Benzene, 1,1',1'',1'''-(1,2-ethenediylidene)tetrakis- (9CI)	332	C26H20
7.	Phenanthrene, 9,10-diphenyl- (8CI9CI)	330	C26H18

1340

Sample file: >P3809 Spectrum #: 1148
Search speed: 1 Tilting option: N No. of ion ranges searched: 46

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	20*	65968981	35894	"BIGDB	30	136	2	0	95	55	5	14

TOTAL ION CHROMATOGRAM



Data File: >P3792::B2 Quant Output File: ^P3792::QT
Name: 2UL METHOD BLANK 229
Misc: 10UL BN392=>1ML HP#2 BTL#27

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871216 20:03
Injected at: 871216 19:17

QUANT REPORT

Operator ID: GLENN
Output File: ^P3792::QT
Data File: >P3792::B2
Name: 2UL METHOD BLANK 229
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871216 20:03
Injected at: 871216 19:17
Dilution Factor: 1.00000
BTL#27

ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.85	397	13980	40.00	ug/mL	94
3)	2-Fluorophenol (SS)	8.81	248	24019	65.25	ug/mL	66
6)	Phenol-d6 (SS)	11.56	383	26286	45.68	ug/mL	91
14)	*NAPHTHALENE-d8	15.61	582	51195	40.00	ug/mL	59
15)	Nitrobenzene-d5 (SS)	13.56	481	29187	40.97	ug/mL	83
26)	*ACENAPHTHENE-d10	21.07	850	33202	40.00	ug/mL	92
30)	2-Fluorobiphenyl (SS)	19.12	754	50331	56.76	ug/mL	99
41)	2,4,6-Tribromophenol (SS)	23.62	975	27627	76.95	ug/mL	81
42)	*PHENANTHRENE-d10	25.66	1075	66529	40.00	ug/mL	62
52)	*CHRYSENE-d12	33.99	1484	73706	40.00	ug/mL	51
53)	Terphenyl-d14 (SS)	30.85	1330	76125	50.22	ug/mL	37
59)	bis(2-Ethylhexyl)Phthalate	34.62	1515	28544	12.65	ug/mL	89
61)	*PERYLENE-d12	38.17	1689	66137	40.00	ug/mL	78

* Compound is ISTD

MS data file header from : >P3792

Sample: 2UL METHOD BLANK 229 Operator: GLENN MS 12/16/87 19:17
Misc : 10UL BN392=>1ML HP#2 BTL#27
Sys. #: 2 MS model: 70 SW/HW rev.: IA ALS # : 0
Method file: EXTBNA Tuning file: MT8002 No. of extra records: 2
Source temp.: 0 Analyzer temp.: 280 Transfer line temp. : 0

Chromatographic temperatures :	30.	300.	0.	0.	0.
Chromatographic times, min. :	4.0	7.3	0.0	0.0	0.0
Chromatographic rate, deg/min:	8.0	0.0	0.0	.5	0.0

>P3792 2UL METHOD BLANK 22910UL BN392=>1ML HP#2
35.01 500.0 CLP ADC TIC
Upslope: .20 Area Reject: 8916. Max Peaks: 2 Bunching: 1
Dnslope: 0.00 Results File IP3792 Sorted by Time/Area INT

Peak #	R.T. min.	first scan	max scan	last scan	peak height	raw area	corr. area	corr. % max.	% of total
1	7.53	183	185	188	22489	56526	56128	100.00	73.170
2	29.22	1246	1250	1252	5294	22841	20581	36.67	26.830

Sum of corrected areas: 76709.

Summary of Unknowns PBM Library Search and Quantitation

Standard	Concentration	Area	Retention Time	Unknown Window
1	40.0	89160.	11.85	3.78 - 13.73
2	40.0	117038.	15.61	13.73 - 18.34
3	40.0	149172.	21.07	18.34 - 23.36
4	40.0	172754.	25.66	23.36 - 29.82
5	40.0	198139.	33.99	29.82 - 36.08
6	40.0	189406.	38.17	36.08 - 45.05

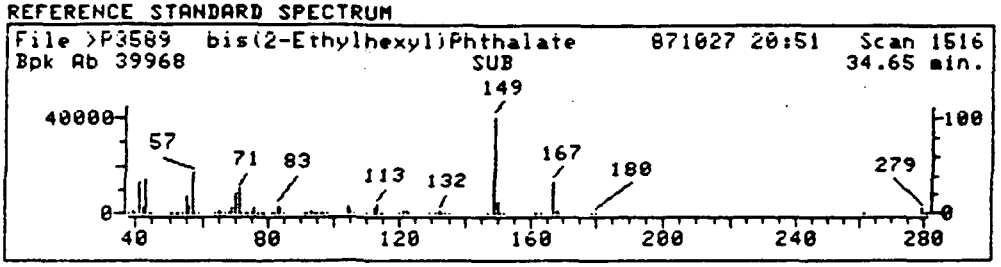
Dilution Factor (DF) = 1.00 Fractional Solids (FS) = 1.00
Amount Method (AM) = 0.00 Amount Used (AU) = 0.00

Correction Factor = ******** = (AM / AU) / (DF * FS)

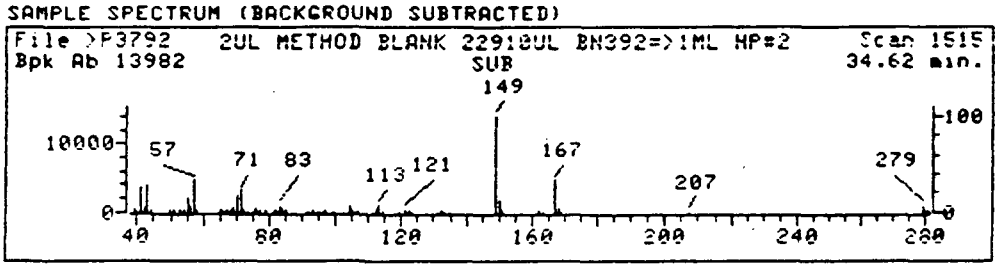
$$\text{Unknown Concentration} = \frac{\text{Conc Int Std}}{\text{Area Int Std}} * \text{Area Unk} * \text{Correction Factor}$$

8:11 PM WED., 16 DEC., 1987

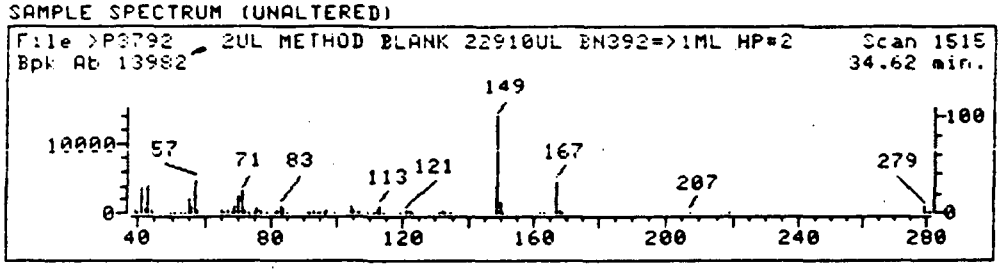
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

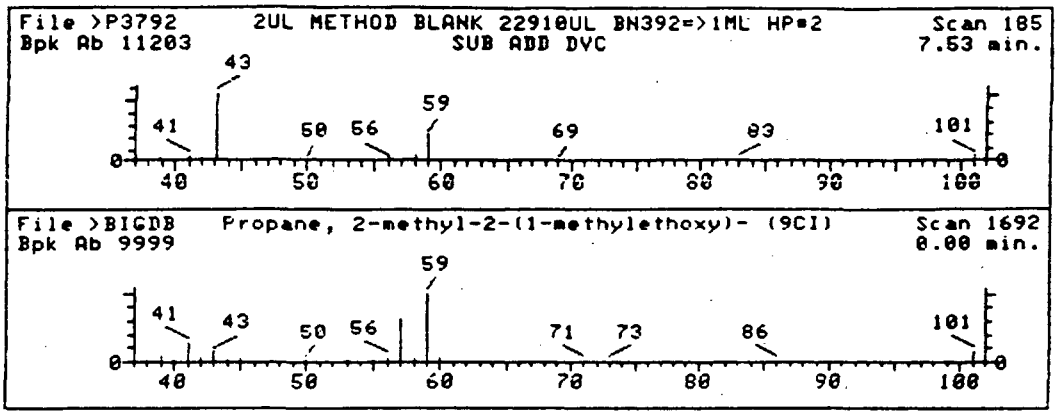


SAMPLE SPECTRUM (UNALTERED)



Data File: >P3792::B2 Quant Output File: ^P3792::QT
Name: 2UL METHOD BLANK 229
Misc: 10UL BN392=>1ML HP#2 BTL#27
Quant Time: 871216 20:03 Quant ID File: !IDXPP::ME
Injected at: 871216 19:17 Last Calibration: 871216 19:15

Compound No: 59
Compound Name: bis(2-Ethylhexyl)Phthalate
Scan Number: 1515
Retention Time: 34.62 min.
Quant Ion: 149.0
Area: 28544
Concentration: 12.65 ug/mL
q-value: 89

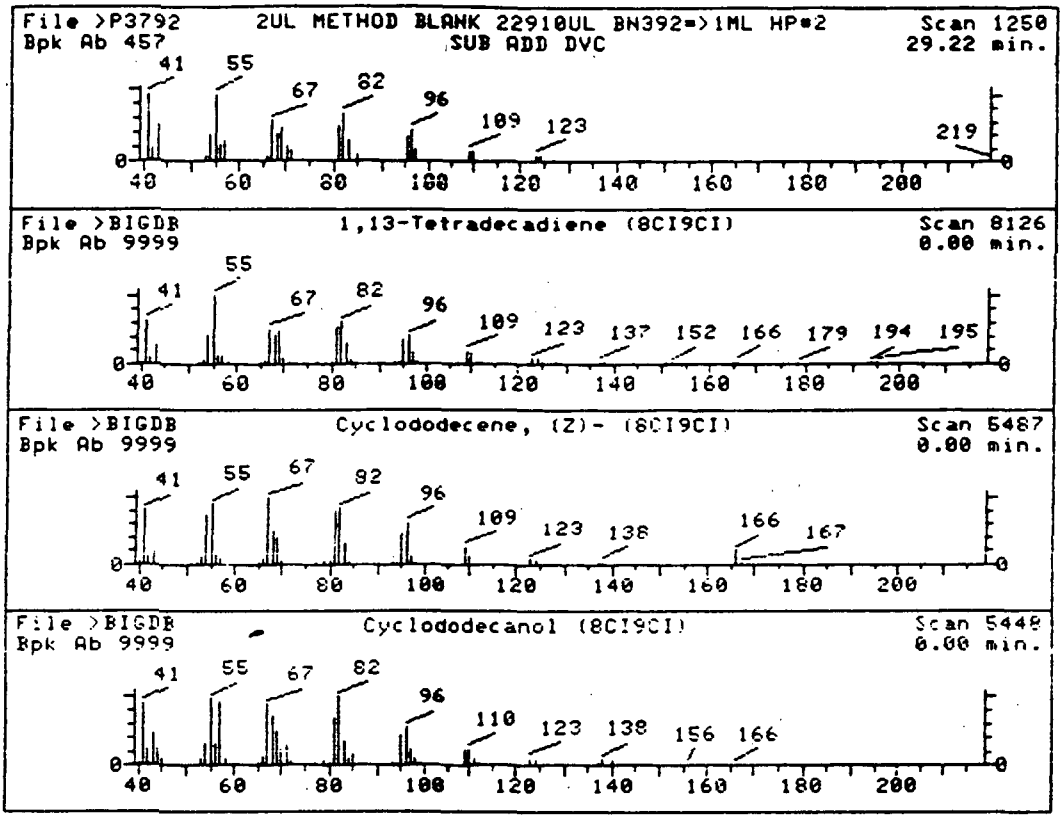


. Unknown #,1
Area = 56128.00 Tentative Concentration is 25.00

1. Propane, 2-methyl-2-(1-methylethoxy)- (9CI) 116 C7H16O

Sample file: >P3792 Spectrum #: 185
Search speed: 1 Tilting option: N No. of ion ranges searched: 46

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	15	17348593	1692	"BIGDB	35	31	1	0	31	58	3	13



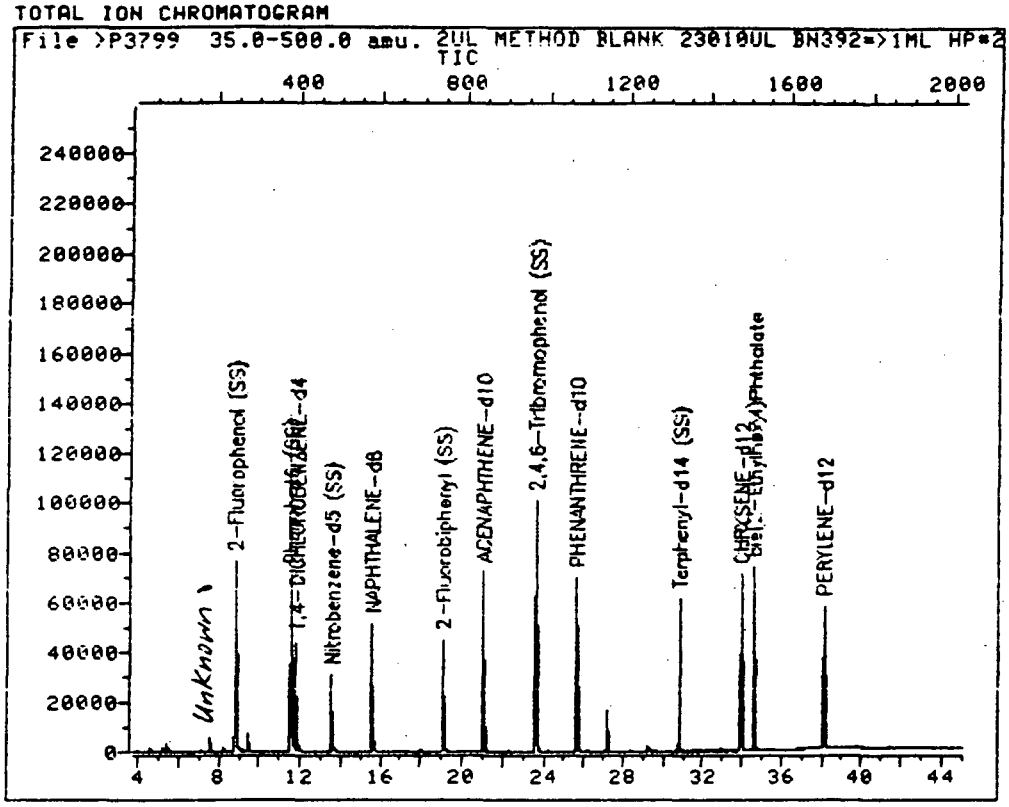
Unknown #,2
Area = 20581.00 Tentative Concentration is 5.00

1.	1,13-Tetradecadiene (8CI9CI)	194 C14H26
2.	Cyclododecene, (Z)- (8CI9CI)	166 C12H22
3.	Cyclododecanol (8CI9CI)	184 C12H24O
4.	Cyclododecene, (E)- (8CI9CI)	166 C12H22
5.	Bicyclo[4.1.0]heptane, 2-methyl- (9CI)	110 C8H14
6.	1,12-Dodecanediol (8CI9CI)	202 C12H26O2
7.	1,14-Tetradecanediol (8CI9CI)	230 C14H30O2

Sample file: >P3792 Spectrum #: 1250
Search speed: 1 Tilting option: N No. of ion ranges searched: 48

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IU
1.	81	21964498	8126	"BIGDB	111	17	2	0	97	7	53	49

TOTAL ION CHROMATOGRAM



Data File: >P3799::B3 Quant Output File: ^P3799::QT
Name: 2UL METHOD BLANK 230
Misc: 10UL BN392=>1ML HP#2 BTL#34

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871217 02:35
Injected at: 871217 01:48

QUANT REPORT

Operator ID: GLENN
Output File: ^P3799::QT
Data File: >P3799::B3
Name: 2UL METHOD BLANK 230
Misc: 10UL BN392=>1ML HP#2

Quant Rev: 6 Quant Time: 871217 02:35
Injected at: 871217 01:48
Dilution Factor: 1.00000

BTL#34

ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.81	395	16195	40.00	ug/mL	94
3)	2-Fluorophenol (SS)	8.77	246	39419	92.43	ug/mL	61
6)	Phenol-d6 (SS)	11.52	381	61906	92.87	ug/mL	92
14)	*NAPHTHALENE-d8	15.57	580	57770	40.00	ug/mL	60
15)	Nitrobenzene-d5 (SS)	13.52	479	22706	28.24	ug/mL	81
26)	*ACENAPHTHENE-d10	21.03	848	37569	40.00	ug/mL	95
30)	2-Fluorobiphenyl (SS)	19.06	751	34462	34.35	ug/mL	98
41)	2,4,6-Tribromophenol (SS)	23.58	973	47412	116.70	ug/mL	78
42)	*PHENANTHRENE-d10	25.59	1072	77131	40.00	ug/mL	61
52)	*CHRYSENE-d12	33.93	1481	88417	40.00	ug/mL	50
53)	Terphenyl-d14 (SS)	30.79	1327	59398	32.67	ug/mL	37
59)	bis(2-Ethylhexyl)Phthalate	34.56	1512	51105	18.87	ug/mL	86
61)	*PERYLENE-d12	38.08	1685	74404	40.00	ug/mL	77

* Compound is ISTD

MS data file header from : >P3799

Sample: 2UL METHOD BLANK 230 Operator: GLENN MS 12/17/87 1:48
Misc : 10UL BN392=>1ML HP#2 BTL#34
Sys. #: 2 MS model: 70 SW/HW rev.: IA ALS # : 0
Method file: EXTBNA Tuning file: MT8002 No. of extra records: 2
Source temp.: 0 Analyzer temp.: 280 Transfer line temp. : 0

Chromatographic temperatures :	30.	300.	0.	0.	0.
Chromatographic times, min. :	4.0	7.3	0.0	0.0	0.0
Chromatographic rate, deg/min:	8.0	0.0	0.0	.5	0.0

>P3799 2UL METHOD BLANK 23010UL BN392=>1ML HP#2
35.01 500.0 CLP ADC TIC
Upslope: .20 Area Reject: 9784. Max Peaks: 3 Bunching: 1
Dnslope: 0.00 Results File IP3799 Sorted by Time/Area INT

Peak #	R.T. min.	first scan	max scan	last scan	peak height	raw area	corr. area	corr. % max.	% of total
1	7.51	182	184	190	5652	18468	17989	51.91	26.392
2	27.16	1146	1149	1152	16166	36208	34652	100.00	50.839
3	29.20	1246	1249	1261	1986	18966	15519	44.79	22.768

Sum of corrected areas: 68160.

Summary of Unknowns PBM Library Search and Quantitation

Standard	Concentration	Area	Retention Time	Unknown Window
1	40.0	97838.	11.81	3.78 - 13.69
2	40.0	126890.	15.57	13.69 - 18.30
3	40.0	169477.	21.03	18.30 - 23.31
4	40.0	197788.	25.60	23.31 - 29.76
5	40.0	226684.	33.93	29.76 - 36.00
6	40.0	206187.	38.08	36.00 - 45.03

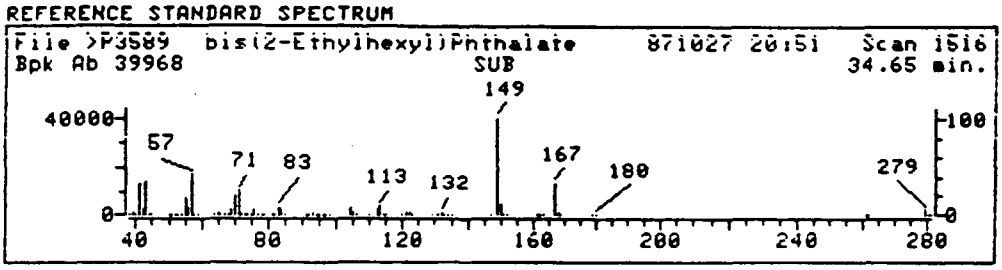
Dilution Factor (DF) = 1.00 Fractional Solids (FS) = 1.00
Amount Method (AM) = 0.00 Amount Used (AU) = 0.00

Correction Factor = ******** = (AM / AU) / (DF * FS)

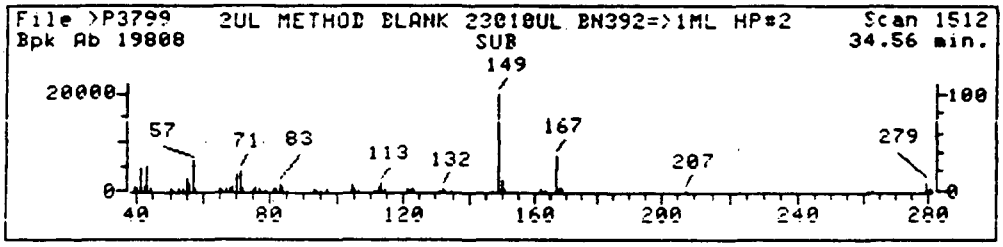
$$\text{Unknown Concentration} = \frac{\text{Conc Int Std}}{\text{Area Int Std}} * \text{Area Unk} * \text{Correction Factor}$$

2:43 AM THU., 17 DEC., 1987

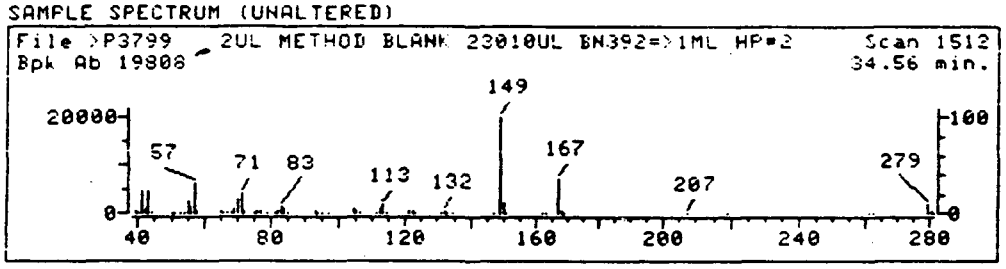
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

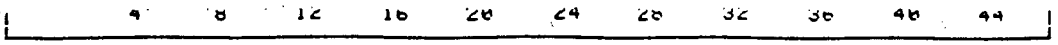


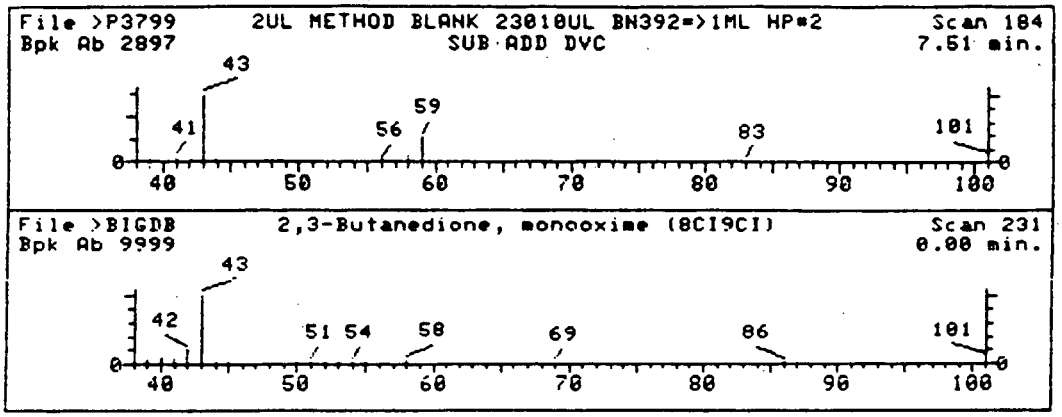
SAMPLE SPECTRUM (UNALTERED)



Data File: >P3799::B3 Quant Output File: ^P3799::QT
Name: 2UL METHOD BLANK 230
Misc: 10UL BN392=>1ML HP#2 BTL#34
Quant Time: 871217 02:35 Quant ID File: !IDXPP::ME
Injected at: 871217 01:48 Last Calibration: 871216 19:15

Compound No: 59
Compound Name: bis(2-Ethylhexyl)Phthalate
Scan Number: 1512
Retention Time: 34.56 min.
Quant Ion: 149.0
Area: 51105
Concentration: 18.87 ug/mL
q-value: 86





. Unknown #,1
Area = 17989.00 Tentative Concentration is 7.00

1. 2,3-Butanedione, monooxime (8CI9CI) 101 C4H7NO2

Sample file: >P3799 Spectrum #: 184
Search speed: 1 Tilting option: N No. of ion ranges searched: 47

	Prob.	CAS #	CON #	ROOT	K	DK	#FLG	TILT	%	CON	C_I	R_IV
1.	42*	57716	231	"BIGDB	22	51	2	0	100	25	17	13

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab Number 765573 MS
Point: MW1C
Date Extracted: 12/09/87 Date Analyzed: 12/18/87
Conc. Factor: 250 Concentration: Low

Scan #	C.A.S. Number		ug/l	C.A.S. Number		ug/l	Scan #
	65-75-9	N-Nitrosodimethylamine	10U				
	111-44-4	bis(2-Chloroethyl)ether	10U	51-28-5	2,4-Dinitrophenol	50U	
	541-73-1	1,3-Dichlorobenzene	10U	606-20-2	2,6-Dinitrotoluene	10U	
				84-66-2	Diethylphthalate	10U	
	95-50-1	1,2-Dichlorobenzene	10U	7005-72-3	4-Chlorophenyl-phenylether	10U	
	39638329	bis(2-chloroisopropyl)ether	10U	86-73-7	Fluorene	10U	
	67-72-1	Hexachloroethane	10U	534-52-1	4,6-Dinitro-2-Methylphenol	50U	
	98-95-3	Nitrobenzene	10U	86-30-6	N-Nitrososdiphenylamine (1)	10U	
	78-59-1	Isophorone	10U	101-55-3	4-Bromophenyl-phenylether	10U	
	88-75-5	2-Nitrophenol	10U	118-74-1	Hexachlorobenzene	10U	
	105-67-9	2,4-Dimethylphenol	10U	85-01-8	Phenanthrene	10U	
	111-91-1	bis(2-Chloroethoxy)Methane	10U	120-12-7	Anthracene	10U	
	120-83-2	2,4-Dichlorophenol	10U	84-74-2	Di-n-Butylphthalate	10U	
				206-44-0	Fluoranthene	10U	
	91-20-3	Naphthalene	10U				
	87-68-3	Hexachlorobutadiene	10U	85-68-7	Butylbenzylphthalate	10U	
				91-94-1	3,3'-Dichlorobenzidine	20U	
				56-55-3	Benzo(a)Anthracene	10U	
	77-47-4	Hexachlorocyclopentadiene	10U	117-81-7	bis(2-Ethylhexyl)Phthalate	40B	1512
	88-06-2	2,4,6-Trichlorophenol	10U	218-01-9	Chrysene	10U	
				117-84-0	Di-n-Octyl Phthalate	10U	
	91-58-7	2-Chloronaphthalene	10U	205-99-2	Benzo(b)Fluoranthene	10U	
				207-08-9	Benzo(k)Fluoranthene	10U	
	131-11-3	Dimethyl Phthalate	10U	50-32-8	Benzo(a)Pyrene	10U	
	208-96-8	Acenaphthylene	10U	193-39-5	Indeno(1,2,3-cd)Pyrene	10U	
				53-70-3	Dibenzo(a,h)Anthracene	10U	
				191-24-2	Benzo(g,h,i)Perylene	10U	
				92-87-5	Benzidine	80U	

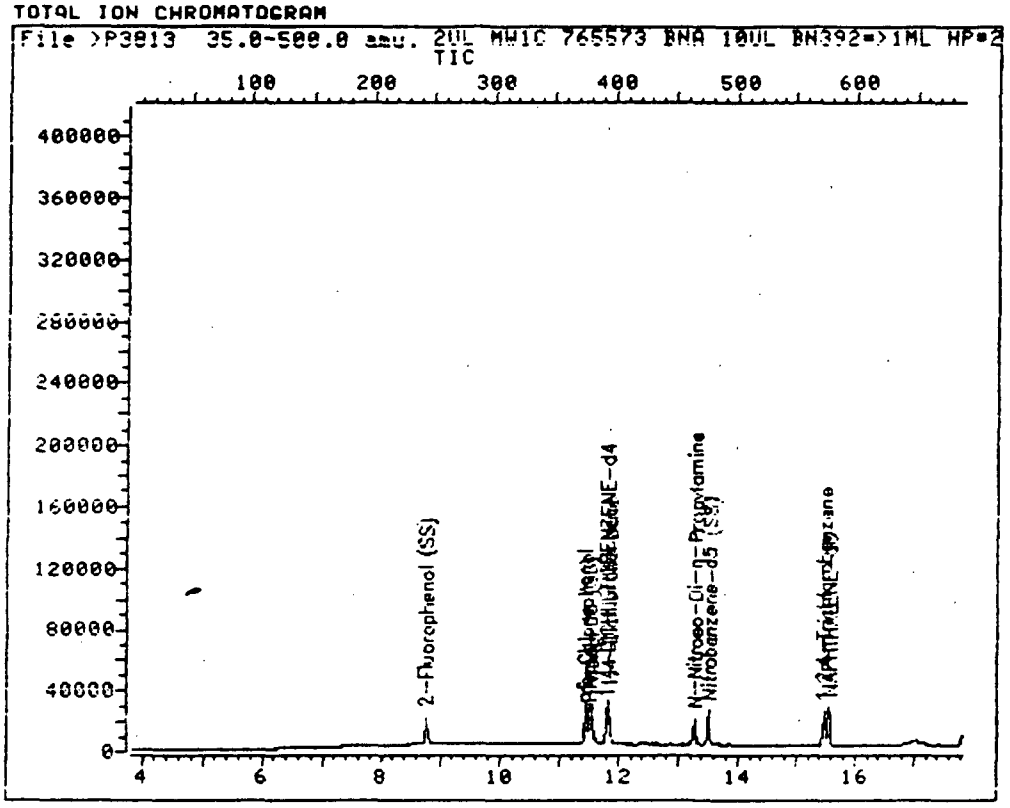
(1) - Cannot be separated from diphenylamine

Date Reported: 01/05/88

****
* *
* *
****
John J. Molloy, P.E.
Laboratory Director

1352

TOTAL ION CHROMATOGRAM



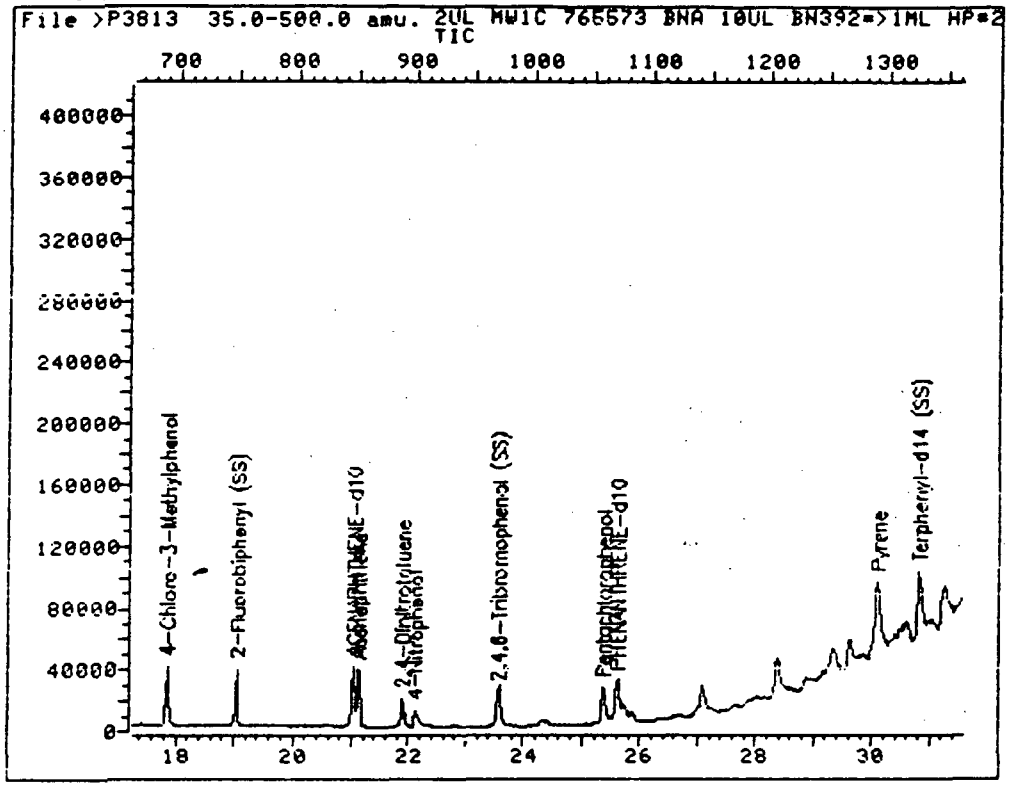
Data File: >P3813::B2 Quant Output File: ^P3813::QT
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MS BTL#31

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871218 03:23
Injected at: 871218 02:36

TIC page 1 of 3

TOTAL ION CHROMATOGRAM



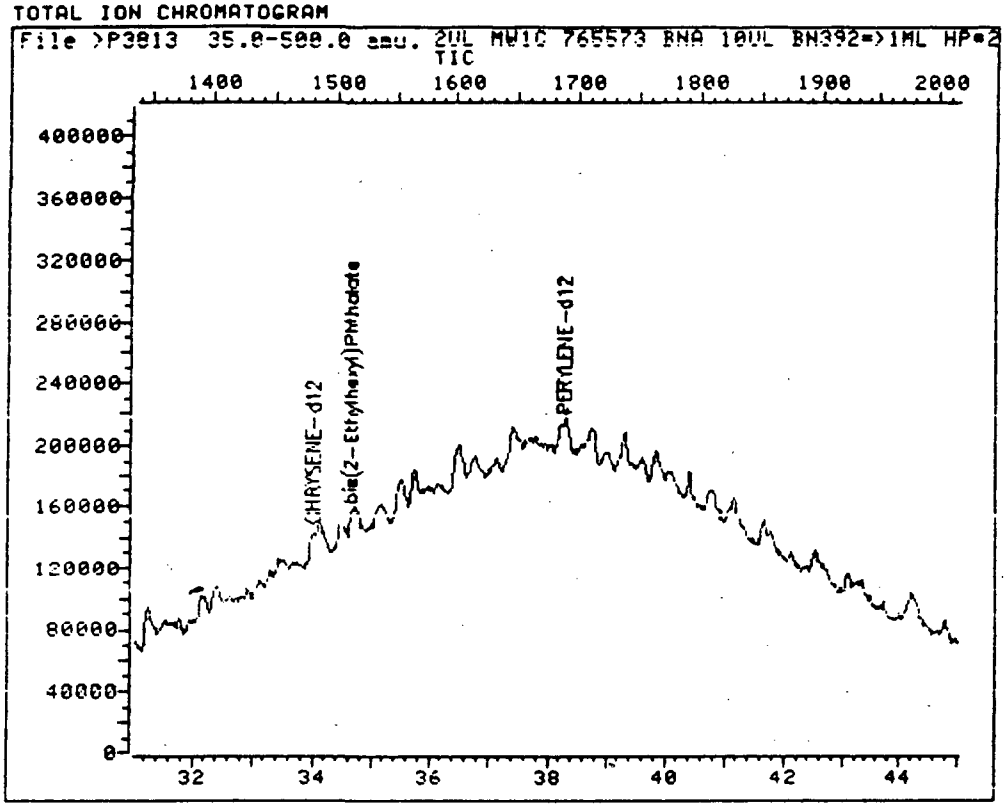
Data File: >P3813::B2 Quant Output File: ^P3813::QT
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MS BTL#31

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871218 03:23
Injected at: 871218 02:36

TIC page 2 of 3

TOTAL ION CHROMATOGRAM



Data File: >P3813::B2 Quant Output File: ^P3813::QT
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MS BTL#31

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871218 03:23
Injected at: 871218 02:36

TIC page 3 of 3

QUANT REPORT

Operator ID: GLENN
Output File: ^P3813::QT
Data File: >P3813::B2
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MS

Quant Rev: 6 Quant Time: 871218 03:23
Injected at: 871218 02:36
Dilution Factor: 1.00000
BTL#31

ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.81	394	7533	40.00	ug/mL	94
3)	2-Fluorophenol (SS)	8.75	244	14437	72.78	ug/mL	71
4)	Phenol	11.54	381	18701	57.98	ug/mL	77
6)	Phenol-d6 (SS)	11.50	379	18577	59.91	ug/mL	98
7)	2-Chlorophenol	11.44	376	19987	69.56	ug/mL	76
9)	1,4-Dichlorobenzene	11.85	396	12683	39.05	ug/mL	92
12)	N-Nitroso-Di-n-Propylamine	13.28	466	10112	34.72	ug/mL	73
14)	*NAPHTHALENE-d8	15.56	578	30357	40.00	ug/mL	56
15)	Nitrobenzene-d5 (SS)	13.52	478	19113	45.25	ug/mL	79
22)	1,2,4-Trichlorobenzene	15.48	574	11909	34.47	ug/mL	98
25)	4-Chloro-3-Methylphenol	17.86	691	23529	55.38	ug/mL	93
26)	*ACENAPHTHENE-d10	21.04	847	22587	40.00	ug/mL	89
30)	2-Fluorobiphenyl (SS)	19.06	750	30665	50.84	ug/mL	98
33)	Acenaphthene	21.12	851	29688	41.23	ug/mL	94
35)	4-Nitrophenol	22.12	900	8570	35.95	ug/mL	74
36)	2,4-Dinitrotoluene	21.89	889	9183	41.23	ug/mL	75
41)	2,4,6-Tribromophenol (SS)	23.56	971	11142	45.62	ug/mL	95
42)	*PHENANTHRENE-d10	25.60	1071	56397	40.00	ug/mL	69
47)	Pentachlorophenol	25.36	1059	12176	31.65	ug/mL	92
52)	*CHRYSENE-d12	33.99	1481	56434	40.00	ug/mL	56
53)	Terphenyl-d14 (SS)	30.81	1326	60220	51.89	ug/mL	43
55)	Pyrene	30.10	1291	87323	50.32	ug/mL	58
59)	bis(2-Ethylhexyl)Phthalate	34.63	1512	17446	10.09	ug/mL	88
61)	*PERYLENE-d12	38.25	1688	35504	40.00	ug/mL	78

* Compound is ISTD

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab Number 765573 MSD
Point: MW1C
Date Extracted: 12/09/87 Date Analyzed: 12/18/87
Conc. Factor: 250 Concentration: Low

Scan #	C.A.S. Number		ug/l
	65-75-9	N-Nitrosodimethylamine	10U
	111-44-4	bis(2-Chloroethyl)ether	10U
	541-73-1	1,3-Dichlorobenzene	10U
	95-50-1	1,2-Dichlorobenzene	10U
	39638329	bis(2-chloroisopropyl)ether	10U
	67-72-1	Hexachloroethane	10U
	98-95-3	Nitrobenzene	10U
	78-59-1	Isophorone	10U
	88-75-5	2-Nitrophenol	10U
	105-67-9	2,4-Dimethylphenol	10U
	111-91-1	bis(2-Chloroethoxy)Methane	10U
	120-83-2	2,4-Dichlorophenol	10U
	91-20-3	Naphthalene	10U
	87-68-3	Hexachlorobutadiene	10U
	77-47-4	Hexachlorocyclopentadiene	10U
	88-06-2	2,4,6-Trichlorophenol	10U
	91-58-7	2-Chloronaphthalene	10U
	131-11-3	Dimethyl Phthalate	10U
	208-96-8	Acenaphthylene	10U

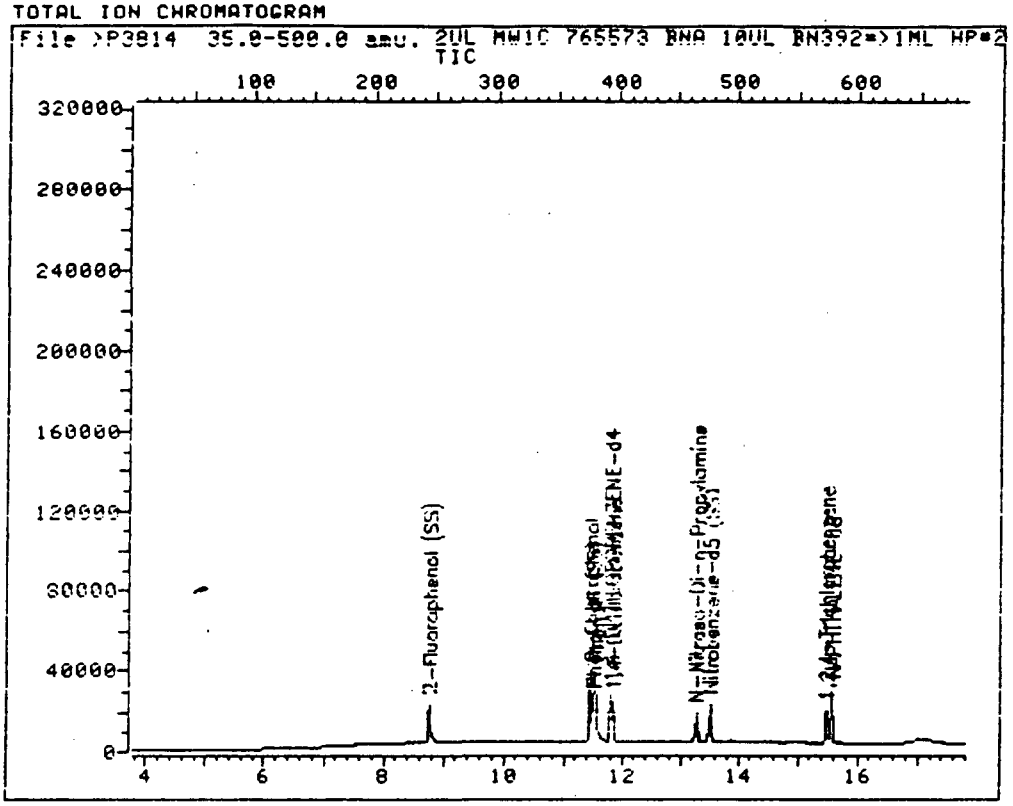
C.A.S. Number		ug/l	Scan #
51-28-5	2,4-Dinitrophenol	50U	
606-20-2	2,6-Dinitrotoluene	10U	
84-66-2	Diethylphthalate	10U	
7005-72-3	4-Chlorophenyl-phenylether	10U	
86-73-7	Fluorene	10U	
534-52-1	4,6-Dinitro-2-Methylphenol	50U	
86-30-6	N-Nitrososdiphenylamine (1)	10U	
101-55-3	4-Bromophenyl-phenylether	10U	
118-74-1	Hexachlorobenzene	10U	
85-01-8	Phenanthrene	10U	
120-12-7	Anthracene	10U	
84-74-2	Di-n-Butylphthalate	10U	
206-44-0	Fluoranthene	10U	
85-68-7	Butylbenzylphthalate	10U	
91-94-1	3,3'-Dichlorobenzidine	20U	
56-55-3	Benzo(a)Anthracene	10U	
117-81-7	bis(2-Ethylhexyl)Phthalate	55B	151
218-01-9	Chrysene	10U	
117-84-0	Di-n-Octyl Phthalate	10U	
205-99-2	Benzo(b)Fluoranthene	10U	
207-08-9	Benzo(k)Fluoranthene	10U	
50-32-8	Benzo(a)Pyrene	10U	
193-39-5	Indeno(1,2,3-cd)Pyrene	10U	
53-70-3	Dibenzo(a,h)Anthracene	10U	
191-24-2	Benzo(g,h,i)Perylene	10U	
92-87-5	Benzidine	80U	

(1) - Cannot be separated from diphenylamine

Date Reported: 01/05/88

John J. Molloy, P.E.
Laboratory Director

TOTAL ION CHROMATOGRAM



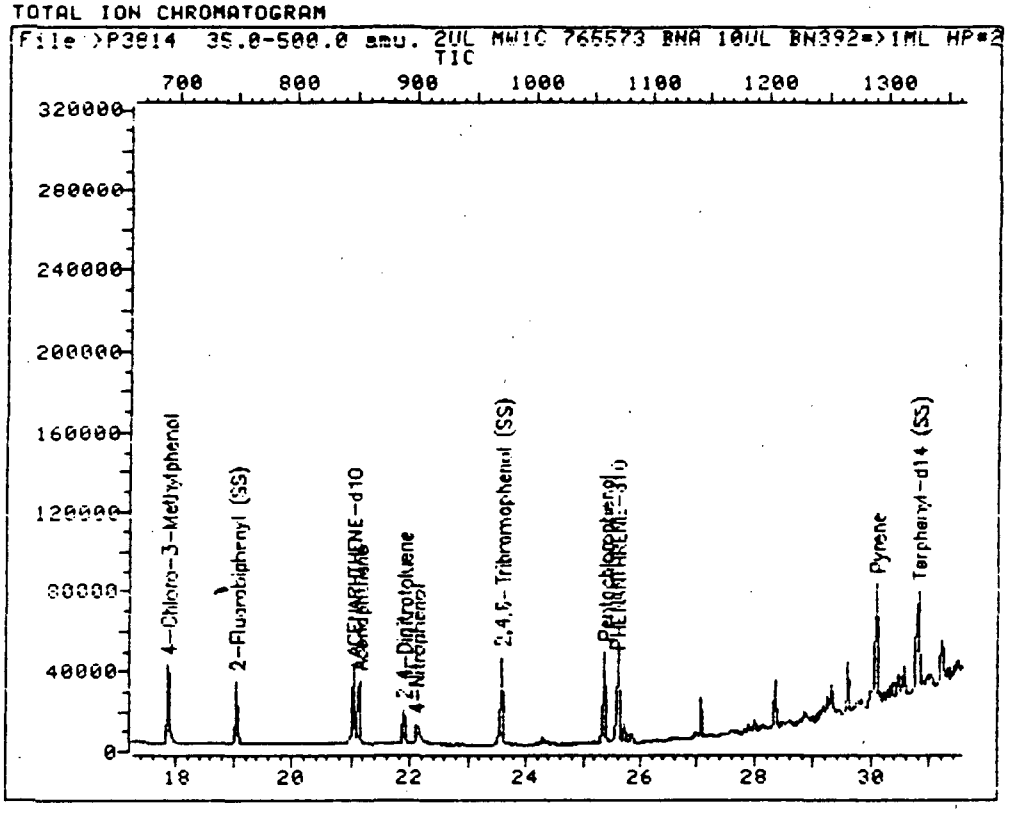
Data File: >P3814::B2 Quant Output File: ^P3814::QT
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MSD BTL#32

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871218 04:19
Injected at: 871218 03:32

TIC page 1 of 3

TOTAL ION CHROMATOGRAM



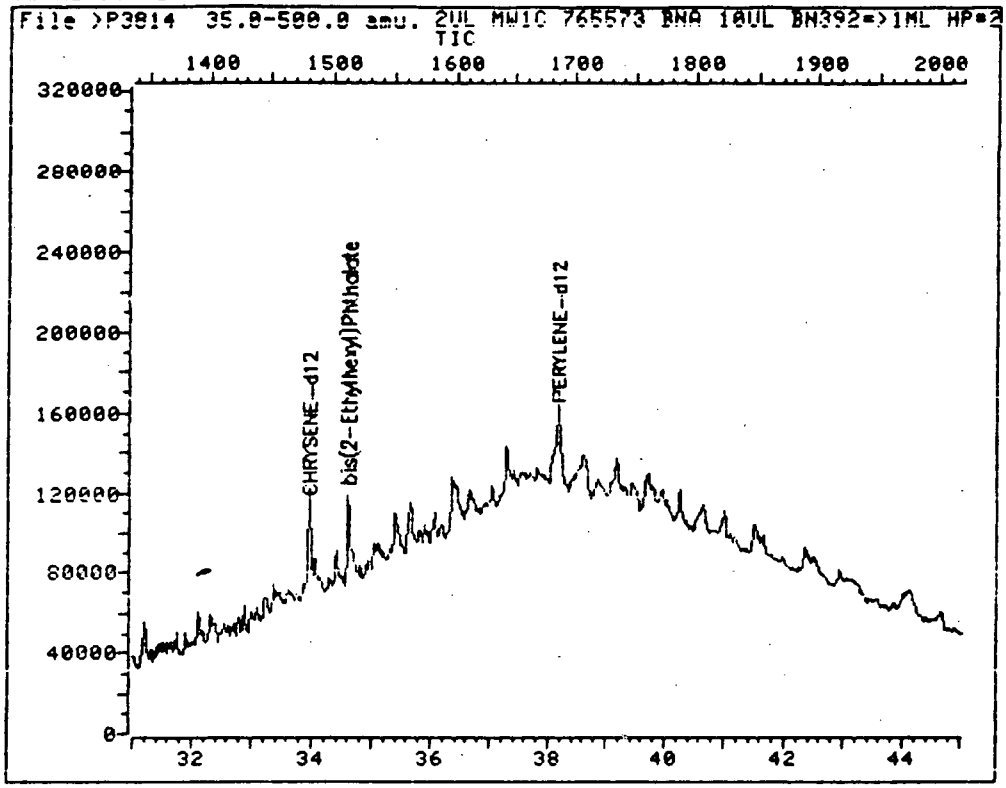
Data File: >P3814::B2 Quant Output File: ^P3814::QT
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MSD BTL#32

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871218 04:19
Injected at: 871218 03:32

TIC page 2 of 3

TOTAL ION CHROMATOGRAM



Data File: >P3814::B2 Quant Output File: ^P3814::QT
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MSD BTL#32

Id File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

Operator ID: GLENN
Quant Time: 871218 04:19
Injected at: 871218 03:32

TIC page 3 of 3

QUANT REPORT

Operator ID: GLENN
Output File: ^P3814::QT
Data File: >P3814::B2
Name: 2UL MW1C 765573 BNA
Misc: 10UL BN392=>1ML HP#2 MSD

Quant Rev: 6 Quant Time: 871218 04:19
Injected at: 871218 03:32
Dilution Factor: 1.00000
BTL#32

ID File: !IDXPP::ME
Title: PRIORITY POLLUTANTS
Last Calibration: 871216 19:15

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*1,4-DICHLOROBENZENE-d4	11.81	395	7042	40.00	ug/mL	94
3)	2-Fluorophenol (SS)	8.77	246	15643	84.36	ug/mL	54
4)	Phenol	11.54	382	20835	69.10	ug/mL	74
6)	Phenol-d6 (SS)	11.50	380	20109	69.37	ug/mL	98
7)	2-Chlorophenol	11.46	378	21616	80.48	ug/mL	59
9)	1,4-Dichlorobenzene	11.85	397	8873	29.22	ug/mL	89
12)	N-Nitroso-Di-n-Propylamine	13.27	467	8117	29.82	ug/mL	74
14)	*NAPHTHALENE-d8	15.57	580	28348	40.00	ug/mL	63
15)	Nitrobenzene-d5 (SS)	13.52	479	13876	35.18	ug/mL	80
22)	1,2,4-Trichlorobenzene	15.47	575	8563	26.54	ug/mL	97
25)	4-Chloro-3-Methylphenol	17.85	692	26216	66.08	ug/mL	89
26)	*ACENAPHTHENE-d10	21.03	848	19817	40.00	ug/mL	90
30)	2-Fluorobiphenyl (SS)	19.06	751	21852	41.29	ug/mL	99
33)	Acenaphthene	21.13	853	21168	33.51	ug/mL	95
35)	4-Nitrophenol	22.11	901	9096	43.49	ug/mL	84
36)	2,4-Dinitrotoluene	21.89	890	6894	35.28	ug/mL	81
41)	2,4,6-Tribromophenol (SS)	23.58	973	11548	53.89	ug/mL	98
42)	*PHENANTHRENE-d10	25.60	1072	50941	40.00	ug/mL	65
47)	Pentachlorophenol	25.37	1061	14139	40.69	ug/mL	94
52)	*CHRYSENE-d12	33.96	1481	58426	40.00	ug/mL	57
53)	Terphenyl-d14 (SS)	30.80	1327	46137	38.40	ug/mL	40
55)	Pyrene	30.09	1292	63319	35.24	ug/mL	57
59)	bis(2-Ethylhexyl)Phthalate	34.59	1512	24708	13.81	ug/mL	89
61)	*PERYLENE-d12	38.17	1686	45036	40.00	ug/mL	79

* Compound is ISTD

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 228
Concentration: Low Conc. Factor: 333
Date Ext. 12/09/87 Date Anal. 12/23/87

C.A.S. NUMBER		ug/l
319-84-6	alpha-BHC	0.05U
319-87-7	beta-BHC	0.05U
319-86-8	delta-BHC	0.05U
58-89-8	gamma-BHC (Lindane)	0.05U
76-44-8	Heptachlor	0.05U
309-00-2	Aldrin	0.05U
1024-57-3	Heptachlor Epoxide	0.05U
959-98-8	Endosulfan I	0.05U
60-57-1	Dieldrin	0.10U
72-55-9	4,4'-DDE	0.10U
72-20-8	Endrin	0.10U
33213-65-9	Endosulfan II	0.10U
72-54-8	4,4'-DDD	0.10U
1031-07-8	Endosulfan Sulfate	0.10U
50-29-3	4,4'-DDT	0.10U
72-43-5	Methoxychlor	0.50U
53494-70-5	Endrin Ketone	0.10U
57-74-9	Chlordane	0.50U
8001-35-2	Toxaphene	1.0 U
12674-11-2	Aroclor 1016	0.50U
11104-28-2	Aroclor 1221	0.50U
11141-16-5	Aroclor 1232	0.50U
53469-21-9	Aroclor 1242	0.50U
12672-29-6	Aroclor 1248	0.50U
11097-69-1	Aroclor 1254	1.0 U
11096-82-5	Aroclor 1260	1.0 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Vt = Volume of total extract (mL)
Ws = Weight of sample extracted (g)

Vs = 500 mL Vt = 1.5 ml Vi = 5 uL Ws = g

Date Reported: 1/07/88

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John J. Molloy, P.E.
Laboratory Director

1962

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 228

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT # min	Estimated Concentration ug/l
---	No Unknowns Found	Pest	--	0.20U

Date Reported: 01/07/88

John J. Molloy, P.E.
Laboratory Director

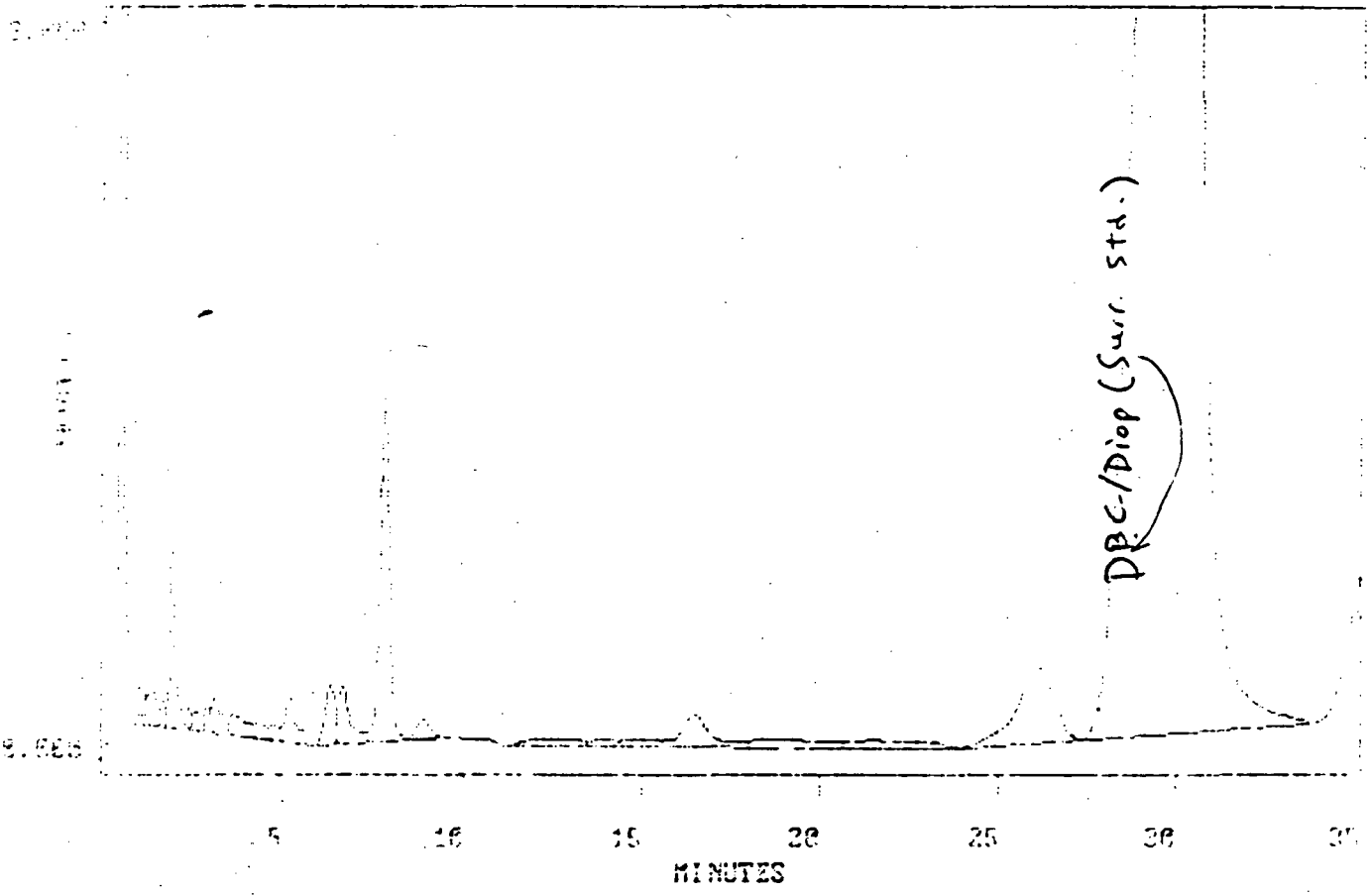
01363

METHOD BLANK-228

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12:47:08 Date MON 04 JAN 88
Time 16:27:10 Date WED 23 DEC 87
Method PESTCLP

FILE: 1:PESTC129 RANGE (MIN.): 0.833 TO 35.000



Channel 4 RPINT Time 12 49 11 Date MON 04 JAN 88

Sample Name
Data file 1 PESTC129
Method name PESTCLP

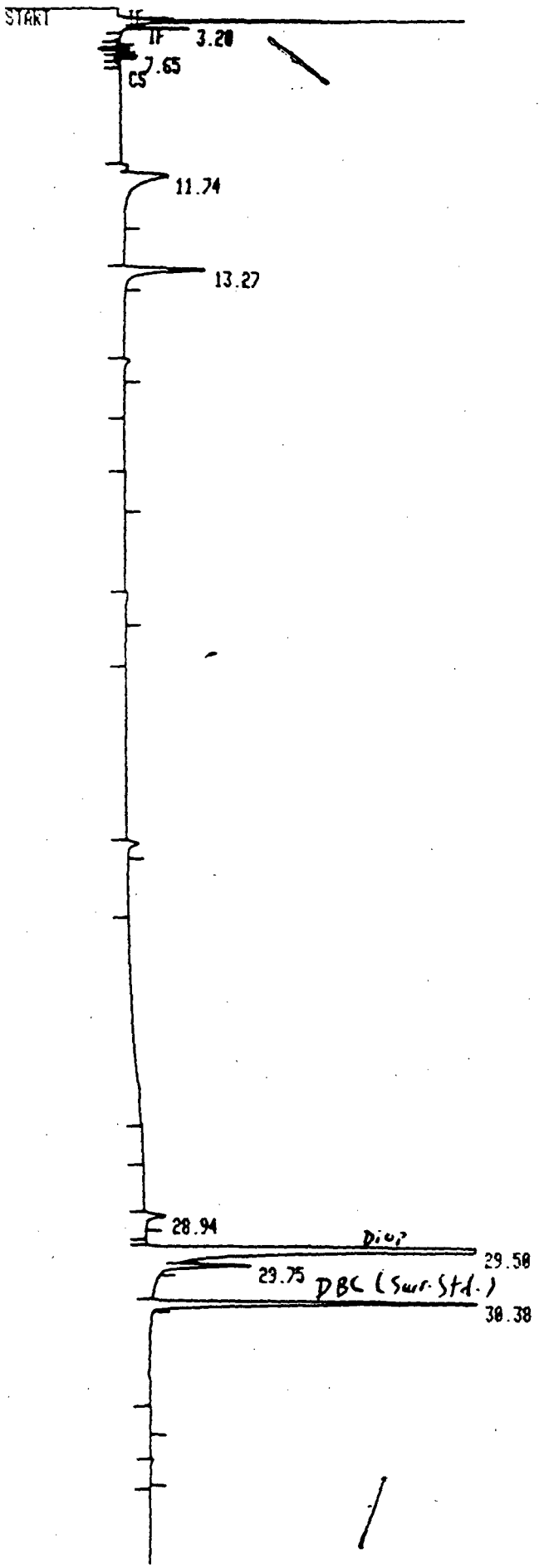
Analyst MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-1401 ON 100/120
Notes EXPCALCDFCRT

Run time 45 00 min Delay time 0 00 min
Acq time 16 37 10 Acq date WED 28 DEC 87
Start FW 30 00 sec End FW 150 00 sec.
Actual FW 141 0
Value zero 0 75 uv sec

Sig. rate 1 200
Sig. rate 1 2 0

AREA PERCENT REPORT

Peak	R T	min	D F	Peak name	Area %	Area	Peak Ht	BL
		13.			55 017	.1970117	185334	BV
		17			0 211	757	136	T
		11.			0 121	433	4	
		..			1 111	3978	11	
					1 ..	1755	11	
		..			1	4913	771	
	2	13.			1 .72	.513	96	BV
3	2	247			0 .95	2046	89	BV
4	2	566			0 .94	1413	113	BV
5	3	130			0 149	3143	154	BV
11	7	474			0 .57	8333	91	BV
12	7	943			0 133	2548	63	BV
13	7	199			0 313	6337	201	VB
14	8	390			0 214	4553	202	BV
15	8	609			0 241	5587	245	VV
16	7	806			1 255	26689	1431	VB
17	8	933			0 094	2009	80	BB
18	12	167			0 099	2111	32	BV
19	13	000			0 060	1285	34	VV
20	10	773			0.068	1438	31	VV
21	14	967			0 100	2122	33	VV
22	16	523			0.385	8182	138	VV
23	18	878			0 208	4417	36	VV
24	21	567			0.192	4091	32	VB
25	26	202			1 077	22910	316	BV
	29	201		DBC/Diop(Surr Std.)	39 [illegible]	[illegible]	[illegible]	VB



STD

RUN # 8305 DEC/28/87 22:24:15
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 6

AREA%

	RT	AREA	TYPE	AR/HT	AREA%
	3.20	51231	BB	0.053	1.931
	7.65	16818	BV	0.057	0.634
	11.74	155470	VB	0.187	5.859
	13.27	118780	PB	0.081	4.476
	28.94	27335	BB	0.074	1.030
	29.50	1723500	PB	0.076	64.946
	29.75	66420	BB	0.050	2.503
DBC	30.38 (Surr. Std.)	494200	BB	0.056	18.623

TOTAL AREA= 2653700
MUL FACTOR= 1.0000E+00

RAW DATA TRANSMITTED FILE: RW4066::-27
CARD-PTS TRANSMITTED FILE: CP4097::-27

METHOD BLANK 228

Scott D'Amelio

12/30/87

13669

H2M LABS, INC.
575 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 • 516-694-3040
HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 468
Concentration: Low Conc. Factor: 333
Date Ext. 12/10/87 Date Anal. 12/23/87

C.A.S. NUMBER		ug/l
319-84-6	alpha-BHC	0.05U
319-87-7	beta-BHC	0.05U
319-86-8	delta-BHC	0.05U
58-89-8	gamma-BHC (Lindane)	0.05U
76-44-8	Heptachlor	0.05U
309-00-2	Aldrin	0.05U
1024-57-3	Heptachlor Epoxide	0.05U
959-98-8	Endosulfan I	0.05U
60-57-1	Dieldrin	0.10U
72-55-9	4,4'-DDE	0.10U
72-20-8	Endrin	0.10U
33213-65-9	Endosulfan II	0.10U
72-54-8	4,4'-DDD	0.10U
1031-07-8	Endosulfan Sulfate	0.10U
50-29-3	4,4'-DDT	0.10U
72-43-5	Methoxychlor	0.50U
53494-70-5	Endrin Ketone	0.10U
57-74-9	Chlordane	0.50U
8001-35-2	Toxaphene	1.0 U
12674-11-2	Aroclor 1016	0.50U
11104-28-2	Aroclor 1221	0.50U
11141-16-5	Aroclor 1232	0.50U
53469-21-9	Aroclor 1242	0.50U
12672-29-6	Aroclor 1248	0.50U
11097-69-1	Aroclor 1254	1.0 U
11096-82-5	Aroclor 1260	1.0 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Vt = Volume of total extract (mL)
Ws = Weight of sample extracted (g)

Vs = 500 mL Vt = 1.5 ml Vi = 5 uL Ws = g

Date Reported: 1/07/88

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John J. Molloy, P.E.
Laboratory Director

1367

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 468

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT # min	Estimated Concentration ug/l
---	Unknown	Pest	24.620	0.54J
---	Unknown	Pest	31.640	0.45J

Date Reported: 01/07/88

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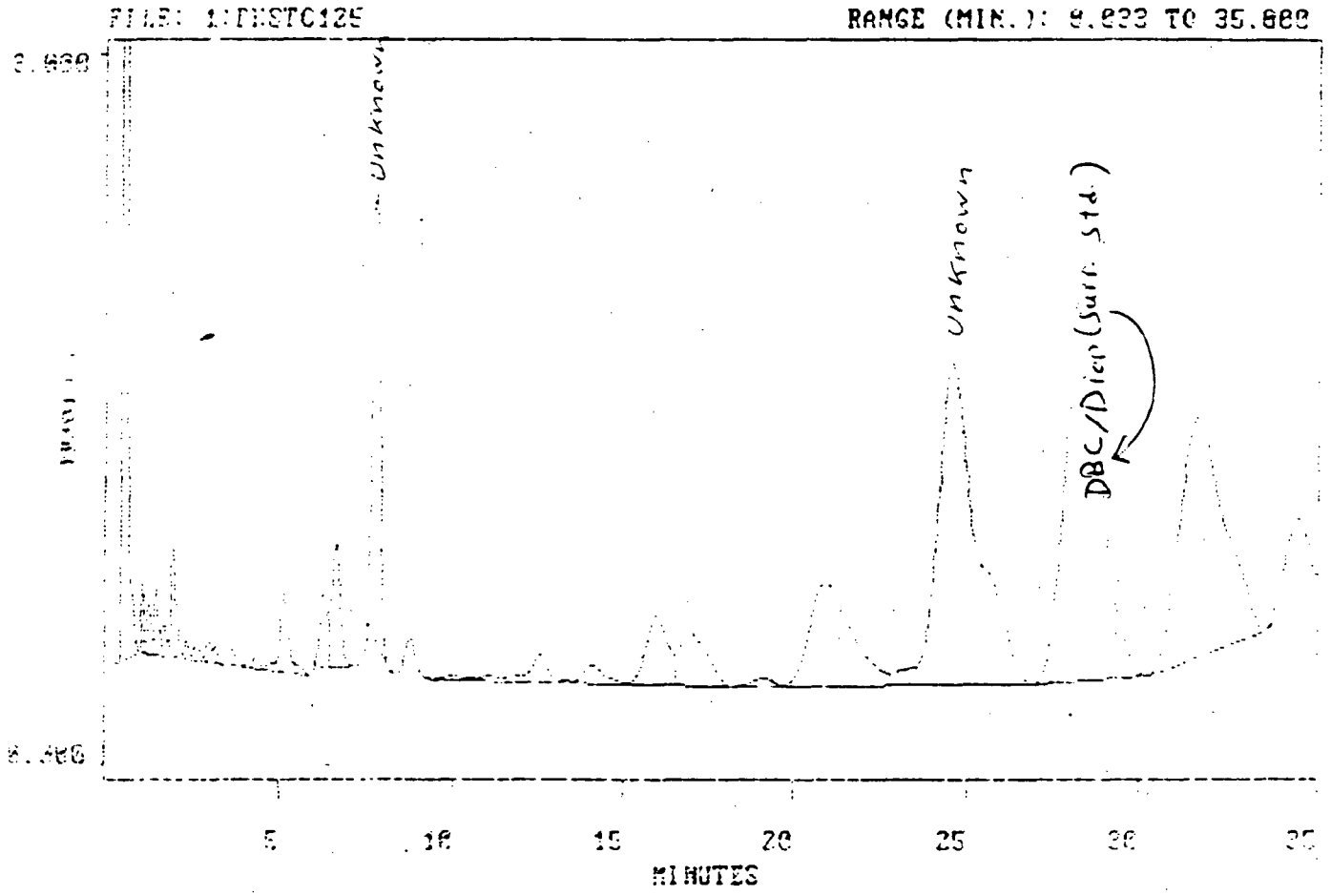
John J. Molloy, P.E.
Laboratory Director

1368

Method Blank
B-468

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 18 24 48 Date:WED 23 DEC 87
Time 13 59 44 Date:WED 23 DEC 87
Method PESTCLP



Channel # REINT Time 18 33 46 Date WED 23 DEC 87

Sample name
Data file 1 PESTC125
Method name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1 5% SP-2250/1 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 25 00 min Delay time 0 00 min
Alt time 18 58 44 Acq date WED 23 DEC 87
Start PW 20 00 sec End PW 150 00 sec
Actual PW 148 0

Slope sens 0 70 uv/sec

Area reject 100
Peaks found 28

Scott D'Zmilla
12/28/87

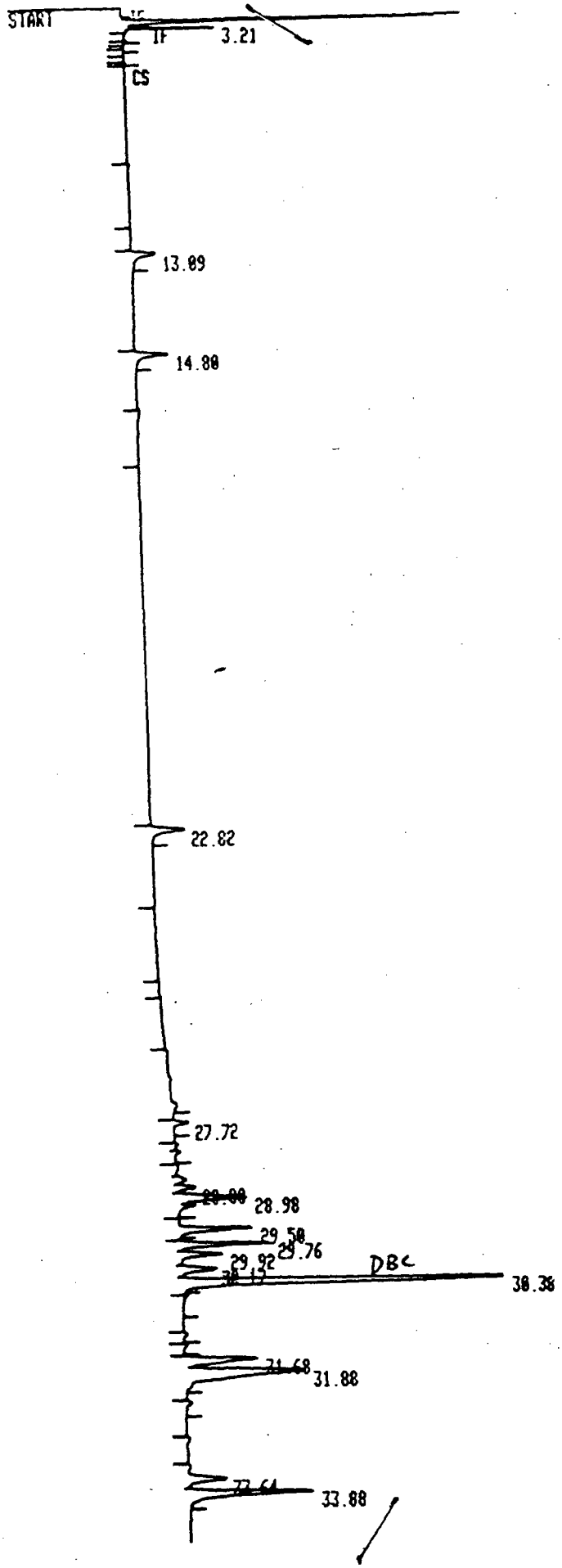
AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	Area %	Area C	Area PF	Peak Ht	BL
	7 737			64 379	99584		35614	BB
	1 [illegible]			0 102	1579		311	BV
	1 [illegible]			0 [illegible]	[illegible]		111	[illegible]
	[illegible]			[illegible]	[illegible]		[illegible]	VV
	[illegible]			0 09[illegible]	[illegible]		151	VV
	[illegible]			0 [illegible]	107		499	VB
	2 334			0 044	663		73	BV
	2 [illegible]			0 077	1150		62	BV
	2 995			0 072	1077		91	BV
	3 171			0 081	1218		80	BV
	3 702			0 075	1134		78	VV
	4 [illegible]			0 053	790		50	VV
	5 158			0 428	6423		351	VB
	6 [illegible]			0 336	5037		308	BV
	6 607			0 570	8551		532	VB
	7 [illegible]		Endo/Ifan I (7.66-7.98) Unknown (STD)	2 005 (SSD)	30076 (SSD)		1940	BB
	10 000			0 053	800		20	BV
	11 111			0 188	2822		25	VV
	12 598			0 912	13678		117	VV
	14 122			0 221	3320		81	VV
	16 061		P,P'-DDT (16.21-(15.72-16.37)) (STD)	0 960 (SSD) 0.13	14409 (SSD) 65.3		302	VV
	17 040			0 887	13301		240	VB
	19 212			0 114	1717		40	BV
	20 983			2 612	39191		451	VV
	24 620		unknown	7 548 0.54	113238 125		1421	VB
	28 [illegible]		DBC/Dion (Surr. Std.)	[illegible]	[illegible]		[illegible]	[illegible]

1340

20	34.490	C 982	14738	328	EB

TOTALS	100.000	1500246



RUN # STD / 306 DEC/28/87 23:12:27
WORKFILE ID: B1
WORKFILE NAME:
SAMPLE # 7

AREA%

RT	AREA	TYPE	AR/HT	AREA%
3.21	88626	BB	0.063	4.663
13.09	38121	PB	0.084	2.006
14.80	48816	PB	0.079	2.569
22.82	49650	PB	0.080	2.612
27.72	16517	PB	0.057	0.869
28.80	22301	VV	0.064	1.173
28.98	101710	VV	0.081	5.351
29.50	83570	BB	0.063	4.397
29.76	89003	PV	0.055	4.683
29.92	50948	VP	0.067	2.681
30.17	50707	PP	0.076	2.668
DBC 30.38	607850	PB	0.069	31.982
31.68	122360	BV	0.091	6.438
31.88	269310	VB	0.123	14.170
33.64	61978	PV	0.087	3.261
33.88	199160	VB	0.088	10.479

METHOD BLANK 468

STD

Scott D'Zmura
12/30/87

1372

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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 230
Concentration: Low Conc. Factor: 333
Date Ext. 12/14/87 Date Anal. 12/23/87

C.A.S. NUMBER		ug/l
319-84-6	alpha-BHC	0.05U
319-87-7	beta-BHC	0.05U
319-86-8	delta-BHC	0.05U
58-89-8	gamma-BHC (Lindane)	0.05U
76-44-8	Heptachlor	0.05U
309-00-2	Aldrin	0.05U
1024-57-3	Heptachlor Epoxide	0.05U
959-98-8	Endosulfan I	0.05U
60-57-1	Dieldrin	0.10U
72-55-9	4,4'-DDE	0.10U
72-20-8	Endrin	0.10U
33213-65-9	Endosulfan II	0.10U
72-54-8	4,4'-DDD	0.10U
1031-07-8	Endosulfan Sulfate	0.10U
50-29-3	4,4'-DDT	0.10U
72-43-5	Methoxychlor	0.50U
53494-70-5	Endrin Ketone	0.10U
57-74-9	Chlordane	0.50U
8001-35-2	Toxaphene	1.0 U
12674-11-2	Aroclor 1016	0.50U
11104-28-2	Aroclor 1221	0.50U
11141-16-5	Aroclor 1232	0.50U
53469-21-9	Aroclor 1242	0.50U
12672-29-6	Aroclor 1248	0.50U
11097-69-1	Aroclor 1254	1.0 U
11096-82-5	Aroclor 1260	1.0 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Vt = Volume of total extract (mL)
Ws = Weight of sample extracted (g)

Vs = 500 mL Vt = 1.5 ml Vi = 5 uL Ws = g

Date Reported: 1/07/88

John J. Molloy, P.E.
Laboratory Director

013973

H2M LABS, INC.
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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 230

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT # min	Estimated Concentration ug/l
---	No Unknowns Found	Pest	--	0.20U

Date Reported: 01/07/88

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John J. Molloy, P.E.
Laboratory Director

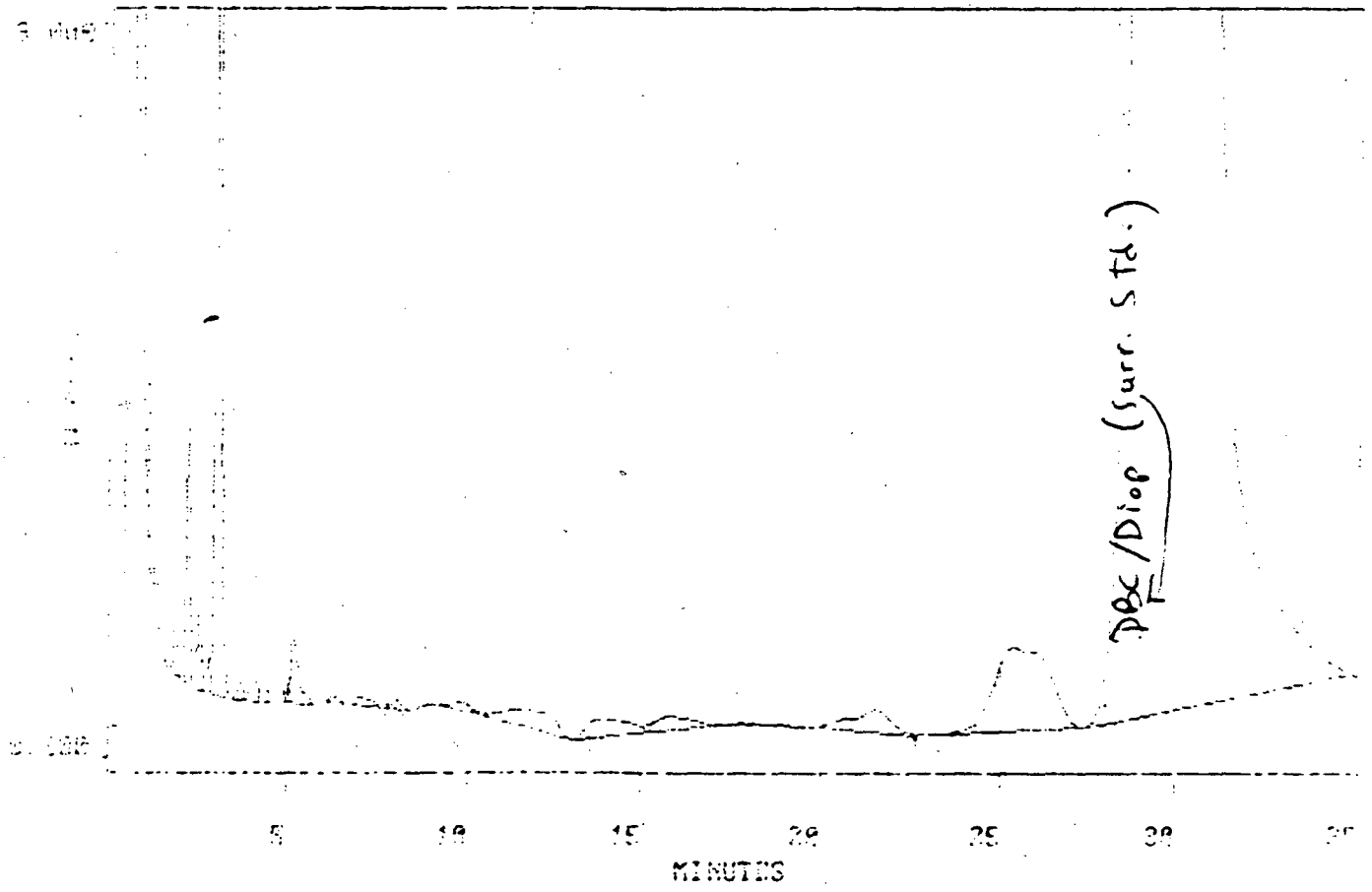
1374

METHOD BLANK 230

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 13 41 47 Date MON 04 JAN 88
Time 12 47 08 Date WED 23 DEC 87
Method PESTCLP

FILE: 1:PESTC123 RANGE (MIN.): 0.033 TO 35.960



Channel = REINT Time 12 40 14 Date MON 04 JAN 88

Sample name
Data file 1 PEST0103
Method name PESTCLP

Author MLD
Instrument TRACOR 550
Column 1 5% SP-2330 1 95% SP-2401 ON 100/120
Notes BUTELDEPORT

Run time [illegible] min Delay time 0 00 min
Acq. time 12 47 03 Acq. date WED 28 DEC 87
Start PW 20 00 sec End PW 150 00 sec
Actual PW .140 0
Bile sens 0 [illegible] uv/sec

[illegible]
[illegible]

AREA PERCENT REPORT

Peak	R T (min)	R S	Peak name	Area %	Area	Peak Ht	BC
[illegible]	0 5 9			27 500	889507	27[illegible]	BV
2	1 [illegible]			11 807	381[illegible]	21[illegible]	[illegible]
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2 [illegible]			0 [illegible]	[illegible]	[illegible]	[illegible]
7	2 [illegible]			0.242	7851	1.89	VB
8	2 608			0 087	2849	348	BV
9	3 [illegible]			0 059	1795	171	VV
10	3 [illegible]			1 340	43905	4445	VB
11	3 804			0 038	1238	84	BV
12	4 [illegible]			0 040	1305	103	VV
13	4 372			0 031	995	61	VV
14	4 812			0 054	1750	91	VV
15	5 107			0.012	390	110	VV
16	5 220			0 103	3365	281	VB
17	6 217			0 019	597	20	BB
18	7 075			0.044	1341	39	BV
19	8 071			0.021	638	35	VB
20	9.883			0.039	1178	35	BV
21	11.400			0.230	7023	63	VB
22	13.867			0 573	17501	76	BV
23	15.800			0.150	4576	60	VB
24	21.533			0 260	7921	98	BB
25	25.456			1 239	39306	353	BB
[illegible]	[illegible]		NBA/Diuo (Surr. Std.)	[illegible]	[illegible]	[illegible]	[illegible]

1376

TOTALS 100 000 114,508

1377

H2M LABS, INC.
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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 229
Concentration: Low Conc. Factor: 333
Date Ext. 12/11/87 Date Anal. 12/23/87

C.A.S. NUMBER		ug/l
319-84-6	alpha-BHC	0.05U
319-87-7	beta-BHC	0.05U
319-86-8	delta-BHC	0.05U
58-89-8	gamma-BHC (Lindane)	0.05U
76-44-8	Heptachlor	0.05U
309-00-2	Aldrin	0.05U
1024-57-3	Heptachlor Epoxide	0.05U
959-98-8	Endosulfan I	0.05U
60-57-1	Dieldrin	0.10U
72-55-9	4,4'-DDE	0.10U
72-20-8	Endrin	0.10U
33213-65-9	Endosulfan II	0.10U
72-54-8	4,4'-DDD	0.10U
1031-07-8	Endosulfan Sulfate	0.10U
50-29-3	4,4'-DDT	0.10U
72-43-5	Methoxychlor	0.50U
53494-70-5	Endrin Ketone	0.10U
57-74-9	Chlordane	0.50U
8001-35-2	Toxaphene	1.0 U
12674-11-2	Aroclor 1016	0.50U
11104-28-2	Aroclor 1221	0.50U
11141-16-5	Aroclor 1232	0.50U
53469-21-9	Aroclor 1242	0.50U
12672-29-6	Aroclor 1248	0.50U
11097-69-1	Aroclor 1254	1.0 U
11096-82-5	Aroclor 1260	1.0 U

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Vt = Volume of total extract (mL)
Ws = Weight of sample extracted (g)

Vs = 500 mL Vt = 1.5 ml Vi = 5 uL Ws = g

Date Reported: 1/07/88

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* *
* JJM *
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John J. Molloy, P.E.
Laboratory Director

1378

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Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. Method Blank 229

Tentatively Identified Compounds

C.A.S. Number	Compound Name	Fraction	RT # min	Estimated Concentration ug/l
---	No Unknowns Found	Pest	--	0.20U

Date Reported: 01/07/88

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* *
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John J. Molloy, P.E.
Laboratory Director

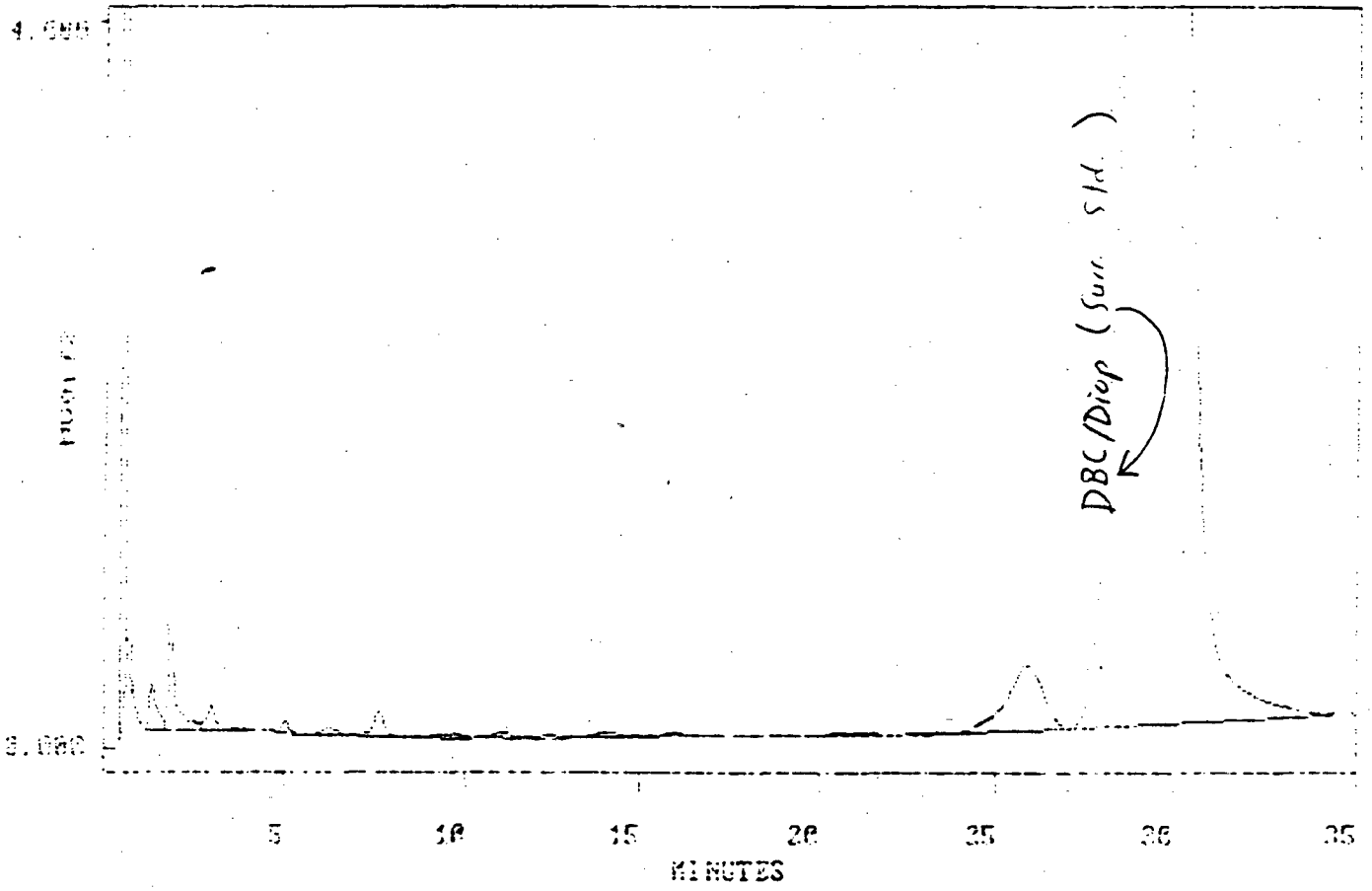
1379

Method Blank
B-229

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 14:49:14 Date WED 30 DEC 87
Time 10:19:36 Date WED 23 DEC 87
Method PESTCLP

FILE: 1:PESTC119 RANGE (MIN.): 0.000 TO 35.000



1380

Channel # REINT Time 14:44:20 Date WED 23 DEC 87

Sample name
Data file 1:PESTC11S
Method name PESTCLP

Author MLR
Instrument TRACOR 950
Column 1: 5% SP-2250/1.95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 31.00 min Delay time 0.00 min
Acq. time 10:19:16 Acq. date WED 23 DEC 87
Start FW 20.00 sec End FW 150.00 sec
Start area 1.00e+00 Initial FW 141.7
Area rej 111

Scott D'Breille
12/23/87

AREA PERCENT REPORT

Peak #	R T (min)	R/C	Peak name	Area %	Area	Peak Ht	BI
1	8.761			51.405	1117342	887951	BB
2	9.217			1.181	1639	171	BB
3	11.371			7.316	4407	571	BV
4	11.733			1.497	9231	721	VV
5	13.044			0.147	3151	149	VB
6	15.063			0.041	855	67	BB
7	16.251			0.071	1507	97	BV
8	17.626			0.154	3330	144	VV
9	19.733			0.053	1139	74	VB
10	21.117			0.049	1031	70	BB
11	21.917			0.035	737	47	BV
12	24.008			0.051	1078	51	VV
13	25.758			0.029	614	34	VB
14	27.200			0.040	846	52	BB
15	29.950			1.247	26324	343	BB
16	32.692	PBC/Diop (Surr. Std.)		44.889	947620	8648	BB
TOTALS				100.000	2111036		

1381

III. 2. Reporting Package for
DEC I.D. # MW #1C 765573
Matrix Spike

H2M LABS, INC.
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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. 765573 MS
Date Collected: 12/7/87
Date Received: 12/8/87
Type: Miscellaneous
Point: MW #1C
Collected By: VH 03
Concentration: Low Conc. Factor: 167
Date Ext. 12/10/87 Date Anal. 12/23/87

C.A.S. NUMBER		ug/l
319-84-6	alpha-BHC	0.1U
319-87-7	beta-BHC	0.1U
319-86-8	delta-BHC	0.1U
58-89-8	gamma-BHC (Lindane)	*
76-44-8	Heptachlor	*
309-00-2	Aldrin	*
1024-57-3	Heptachlor Epoxide	0.1U
959-98-8	Endosulfan I	0.1U
60-57-1	Dieldrin	*
72-55-9	4,4'-DDE	0.2U
72-20-8	Endrin	*
33213-65-9	Endosulfan II	0.2U
72-54-8	4,4'-DDD	0.2U
1031-07-8	Endosulfan Sulfate	0.2U
50-29-3	4,4'-DDT	*
72-43-5	Methoxychlor	1.0U
53494-70-5	Endrin Ketone	0.2U
57-74-9	Chlordane	1.0U
8001-35-2	Toxaphene	2.0U
12674-11-2	Aroclor 1016	1.0U
11104-28-2	Aroclor 1221	1.0U
11141-16-5	Aroclor 1232	1.0U
53469-21-9	Aroclor 1242	1.0U
12672-29-6	Aroclor 1248	1.0U
11097-69-1	Aroclor 1254	2.0U
11096-82-5	Aroclor 1260	2.0U

* Targeted compounds spiked into sample. See table for results.

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Vt = Volume of total extract (mL)
Ws = Weight of sample extracted (g)

Vs = 500 mL Vt = 3 ml Vi = 5 uL Ws = g

Date Reported: 1/07/88

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*
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John J. Molloy, P.E.
Laboratory Director

1383

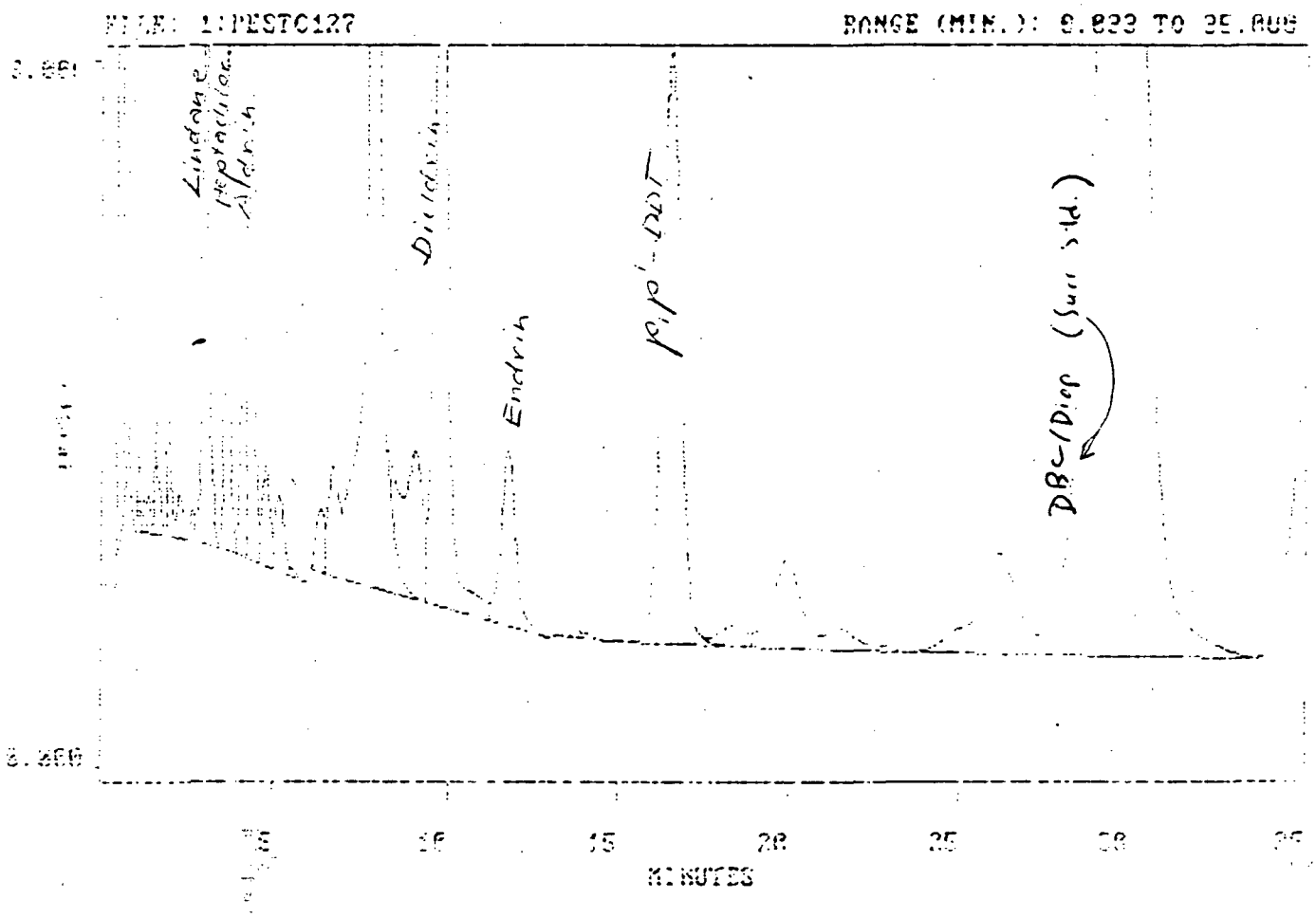
765573 STD ~~MS~~ Matrix Spike

MW #1C

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 15 33 05 Date WED 23 DEC 87

Time 15 14 14 Date WED 23 DEC 87
Method PESTCLP



Channel # REINT Time 18 31 00 Date WED 23 DEC 87

Sample name
Data file 1 PEST0127
Method name PESTCLP

Analyst MLR
Instrument TRACOR 551
Column 1 5% SP-2250 / 5% SP-2401 ON 100/120
Notes SUPELCOPORT

Run time 31 51 min Delay time 0 00 min
Acq time 15 14 14 Acq date WED 23 DEC 87
Start PW 23 00 sec End PW 130 00 sec
Actual PW 140 0

Slope sens 0 70 uv/sec

Area reject 200
Peak find 10

Scott D'Emilio
12/29/87

AREA PERCENT REPORT

Peak	R T (min)	R/S	Peak name	20R	Area %	C/	Area	RF	Peak Ht	Bl
1	3 379				40 378		9.1387		308503	BB
2	1 [illegible]				0 321		[illegible]		1670	BB
	[illegible]				[illegible]		[illegible]		[illegible]	PV
	1 21				0 [illegible]		[illegible]		- [illegible]	[illegible]
	[illegible]				[illegible]		[illegible]		[illegible]	VV
	1 [illegible]				0 218		[illegible]		221	VB
7	[illegible]				0 206		3938		584	BV
8	2 237				0 118		2258		206	VB
9	2 559				0 067		1279		135	BV
3	3 004	Lindane		80	1 [illegible]	0.32	[illegible]	124.1	8152	VB
11	3 655	Heptachlor		43	1 [illegible]	0.17	[illegible]	170.0	2377	BV
12	4 128				0 687		13149		1073	VV
13	4 371	Aldrin		50	1 [illegible]	0.20	[illegible]	148.7	2088	VV
14	4 782				0 [illegible]		[illegible]		459	VV
15	5 156				0.336		6415		350	VB
16	6 348				0 274		5233		291	BV
17	6 710				0 566		10801		492	VV
18	7 869				6 865		130929		4755	VB
19	9 085				1 466		27969		658	BV
20	9 793	Dieldrin		99	4.777	0.99	91104	110.0	3471	VV
21	11 802	Endrin		39	1.263	0.31	24094	92.5	786	VB
22	13 900				0 042		798		25	BB
23	16 553	p,p'-DDT		186	5.410	1.86	103179	66.7	2626	VB
24	18 392				0.268		5107		90	BV
25	19 972				1.172		22345		387	VV
26	21 583				0 [illegible]		[illegible]		[illegible]	VB

1388

TOTALE	100.000	1907249

III. 2. Reporting Package for
I.D. # MW #1C 765573
Matrix Spike Duplicate

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HOLZMACHER, McLENDON and MURRELL, P.C. • ENVIRONMENTAL and INDUSTRIAL ANALYTICAL SERVICES

Town of Southampton
Hampton Road
Southampton, NY 11968

Sample Lab No. 765573 MSD
Date Collected: 12/7/87
Date Received: 12/8/87
Type: Miscellaneous
Point: MW #1C
Collected By: VH 03
Concentration: Low Conc. Factor: 167
Date Ext. 12/10/87 Date Anal. 12/23/87

C.A.S. NUMBER		ug/l
319-84-6	alpha-BHC	0.1U
319-87-7	beta-BHC	0.1U
319-86-8	delta-BHC	0.1U
58-89-8	gamma-BHC (Lindane)	*
76-44-8	Heptachlor	*
309-00-2	Aldrin	*
1024-57-3	Heptachlor Epoxide	0.1U
959-98-8	Endosulfan I	0.1U
60-57-1	Dieldrin	*
72-55-9	4,4'-DDE	0.2U
72-20-8	Endrin	*
33213-65-9	Endosulfan II	0.2U
72-54-8	4,4'-DDD	0.2U
1031-07-8	Endosulfan Sulfate	0.2U
50-29-3	4,4'-DDT	*
72-43-5	Methoxychlor	1.0U
53494-70-5	Endrin Ketone	0.2U
57-74-9	Chlordane	1.0U
8001-35-2	Toxaphene	2.0U
12674-11-2	Aroclor 1016	1.0U
11104-28-2	Aroclor 1221	1.0U
11141-16-5	Aroclor 1232	1.0U
53469-21-9	Aroclor 1242	1.0U
12672-29-6	Aroclor 1248	1.0U
11097-69-1	Aroclor 1254	2.0U
11096-82-5	Aroclor 1260	2.0U

* Targeted compounds spiked into sample. See table for results.

Vi = Volume of extract injected (uL)
Vs = Volume of water extracted (mL)
Vt = Volume of total extract (mL)
Ws = Weight of sample extracted (g)

Vs = 500 mL Vt = 3 ml Vi = 5 uL Ws = g

Date Reported: 1/07/88

John J. Molloy, P.E.
Laboratory Director

1388

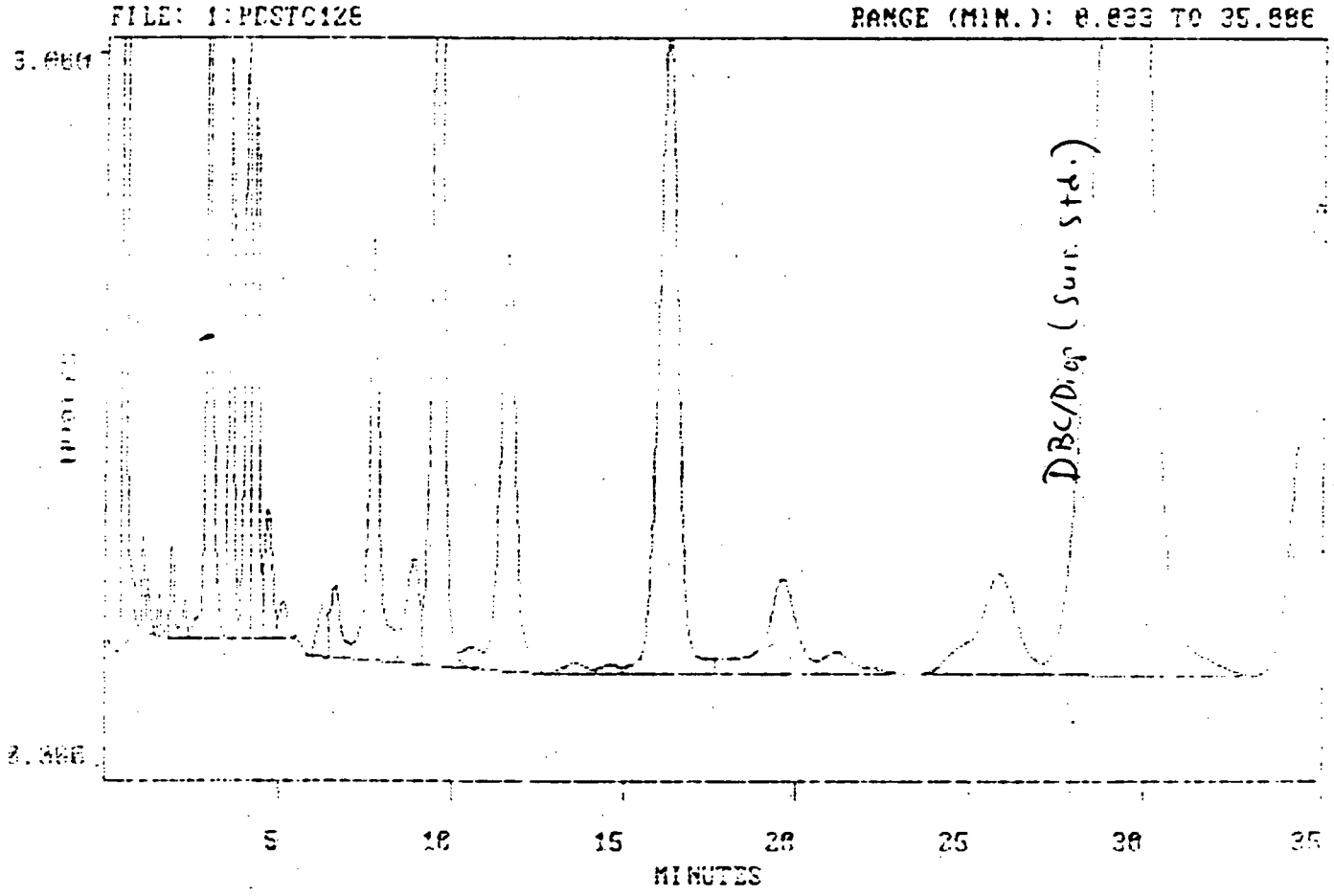
765573 ~~MS~~ SSD Matrix Spike Duplicate

M#1C

RECONSTRUCT SCREEN DUMP
Data Acquisition

Time 12 35 45 Date WED 23 DEC 87

Time 15 50 42 Date WED 23 DEC 87
Method PESTCLP



Chromatogram RCINT Time 10:34:45 Date WED 23 DEC 87

Sample Name
Data File 1:PEST0:19
Method Name PESTCLP

Author MLR
Instrument TRACOR 550
Column 1.5% SP-2251 95% SP-2401 ON 100/120
Notes SUPELCOPORT

Run Time 35.00 min Delay time 0.00 min
Acq Time 15:50:42 Acq date WED 23 DEC 87
Start PW 20.00 sec End PW 150.00 sec
Actual PW 140.0
Digital Res 0.70 uv/sec

Area Reject 500
Peaks found 26

Scott D'Emilio
12/29/87

AREA PERCENT REPORT

Peak #	T (min)	R/S	Peak Name	No.	Area %	C	Area	RF	Peak Ht	BC
1	2.303				43.550		793060		223700	BB
2	2.879				0.130		2380		1402	BV
3	3.313				0.094		1714		511	VV
4	3.711				0.241		4391		1171	VB
5	3.926				0.159		2895		870	VV
6	4.112				0.068		1245		519	VV
7	4.215		Lindane	93	2.167	0.37	39452	124.1	3334	VV
8	4.609		Heptachlor	45	1.362	0.18	24877	170.0	2607	VV
9	4.874				1.736		31588		2683	VV
10	4.914		Aldrin	55	1.468	0.22	26727	1487	2413	VV
11	4.698				0.476		8678		571	VV
12	5.142				0.130		2382		163	VB
13	5.272				0.248		4534		231	BV
14	6.614				0.335		6124		307	VV
15	7.734				2.195		40083		1848	VV
16	8.921				0.693		12664		448	VV
17	9.594		Dieldrin	92	4.609	0.42	84177	110.0	3542	VB
18	10.600				0.181		3311		85	BV
19	11.586		Endrin	90	3.020	0.72	55158	92.5	1848	VB
20	13.622				0.127		2312		48	BV
21	14.600				0.084		1539		40	VV
22	16.264		p,p'-DDT	205	6.248	2.05	114126	66.7	2824	VV
23	19.651				1.490		27222		409	VV
24	21.183				0.355		6477		93	VB
25	25.935				1.926		35177		428	BV
26	28.427		DBC (Mirex/Comp. S...)		27.161		496080		8838	VB

1390

SEA 003
1391