

2,3,7,8 TCDD Dioxin

QUALITY CONTROL SUMMARY

Case No. 1396F

Mean Accuracy, Surrogate Measurements: 11.7% # of Data Points 9

Accuracy, Fortified/Spike Field Blank: 80% Sample # 1396F04

Rel. Diff. (%), Duplicate Analysis: 0% Sample # 1396F02

005131

copy
QC Summary

Prepared by: gjn

Approved by: MM

Date: 12/19/84

MAM

TCDD DATA REPORT
California Analytical Laboratories
2544 Industrial Blvd.
W. Sacramento, CA 95691

Report Date: 1-2-20-84 Page

Lab: California Analytical Laboratories
Case No. 1396F
Batch/Shipment No.

Column: SP-2330

Cal Labs ID	Sample Number	Aliquot C Size U (ml)	ng TCDD Meas	ng/L TCDD		Inst ID	Date	Time	ng				320	322	257	328*	332	334	Comments
				Det.	Lmt				320/ 322	332/ 334	Surrng Meas	Surrng % Acc'c							
S5536MB	METHOD BLANK	N	0.500	ND	0.58	5	12/11/84	09:35:00	1.00	0.80	11.6	116	-	-	-	426288	493564	618019	
S5536	1396F02	N	0.500	ND	0.38	5	12/11/84	10:00:00	1.00	0.79	11.7	117	-	-	-	571181	656299	832169	
S5536D	1396F02D	N	0.475	ND	0.48	5	12/11/84	10:35:00	1.00	0.79	11.7	117	-	-	-	429568	492690	623295	
S5537	1396F04	N	0.500	ND	0.43	5	12/11/84	11:18:00	1.00	0.79	12.1	121	-	-	-	544611	608279	766095	
S5537NS	1396F04NS	N	0.440	8.0	-	5	12/11/84	11:47:00	0.78	0.81	11.4	114	104727	135008	52986	356527	427378	524703	80% NS Recov
S5538	1396F06	N	0.500	ND	0.10	5	12/11/84	12:40:00	1.00	0.77	11.9	119	-	-	-	490614	549703	711210	
S5539	1396F08	N	0.500	ND	0.44	5	12/11/84	13:03:00	1.00	0.79	11.7	117	-	-	-	497535	572784	721768	
S5540	1396F10	N	0.500	ND	0.48	5	12/11/84	13:26:00	1.00	0.80	11.7	117	-	-	-	514484	596728	742567	
S5541	1396F12	N	0.500	ND	0.50	5	12/11/84	14:04:00	1.00	0.81	11.6	116	-	-	-	484815	571615	703005	

MB = Method Blank FB = Field Blank
P = Partial Scan/Confirmatory Analysis ND = Not Detected
NS = Native TCDD Spike DL = Detection Limit
D = Duplicate/Fortified Field Blank RX = Re-extraction
RI = Re-injection

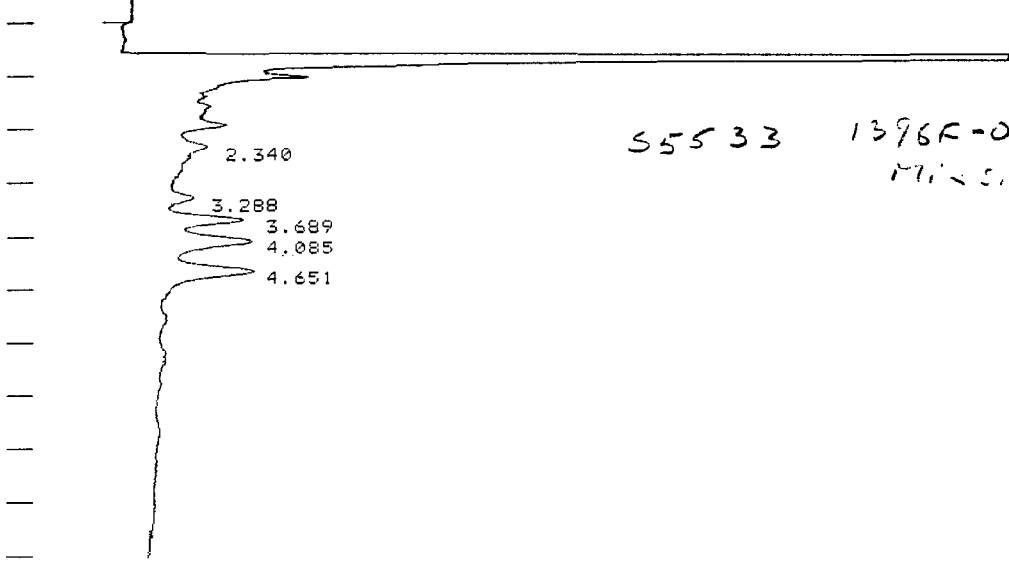
*Corrected for contribution by native TCDD; 0.9% of m/z 322 subtracted

MS

MS

phenox herbicides

178 CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



55533 1396R-0¹
Minsig

005183

varian / sunnyvale, calif. / p/n 0390636200

TITLE: ACIDS 4MM 3%OV17 T*200° 18:07 17 DEC 84

CHANNEL NO: 1 SAMPLE: 55530-113 METHOD: SGLD

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	HPEA COUNTS	SEP CODE
1		0.0000	2.340	2018	BB
2		0.0000	3.288	2150	BV
3		0.0000	3.689	7728	VV
4		0.0000	4.085	12344	VV
5	2,4-D	0.4411	4.651	13644	VB

TOTALS: 0.4411 37884

DIVISOR: 400.000 MULTIPLIER: 20.0000

176

TITLE: ACIDS 4MM 3%OV17 T=200°

17:18 17 DEC 84

CHANNEL NO: 1

SAMPLE: S5535

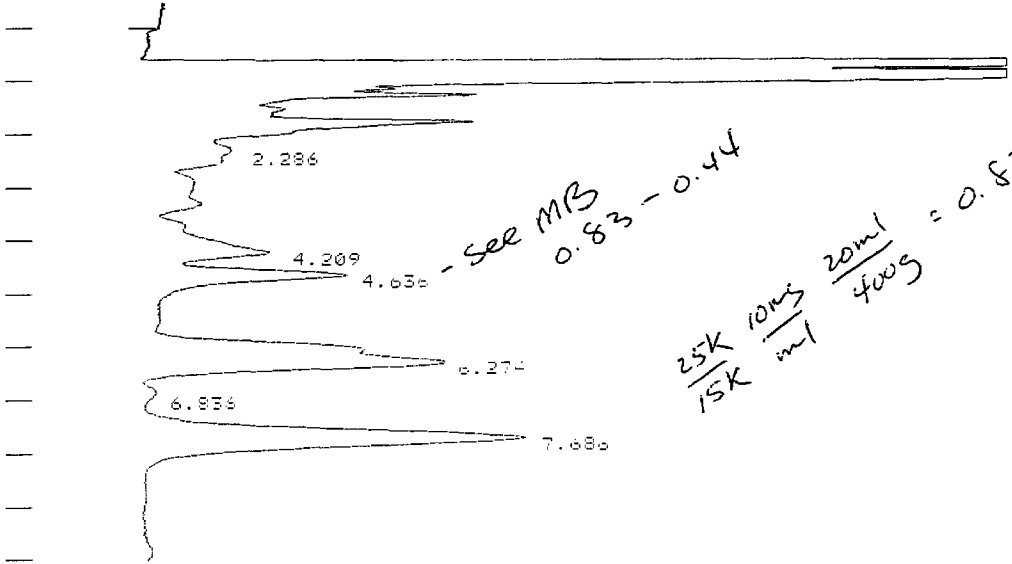
METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.0000		0	

DIVISOR: 400.000 MULTIPLIER: 2000.00

ERRORS:
NO PEAKS

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



varian / sunnyvale call p/n 03-906362-00

005184

TITLE: ACIDS 4MM 3%OV17 T=200°

17:36 17 DEC 84

CHANNEL NO: 1

SAMPLE: S5535

METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.0000	2.286	3387	BV
2		0.0000	3.419	3329	BV
3		0.0000	4.209	23588	BV
4	2,4-D	0.8207	4.635	25385	VB

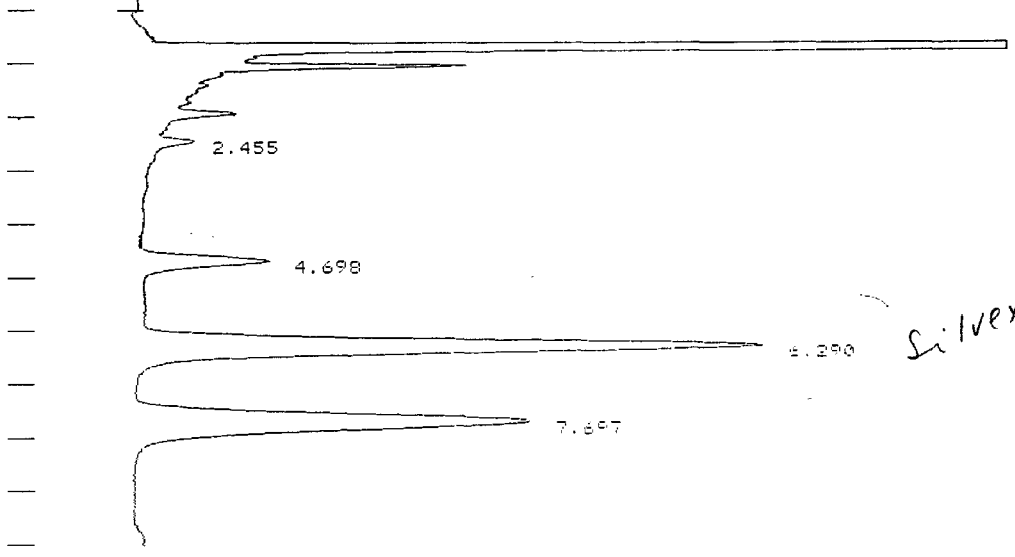
1396 F-11

177

TOTALS: 1.7247 206174

DIVISOR: 400.000 MULTIPLIER: 20.0000

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



005185

varian / sunnyvale, calif. p/n 03 90636200

TITLE: ACIDS 4MM 3XOV17 T=200° 17:55 17 DEC 84

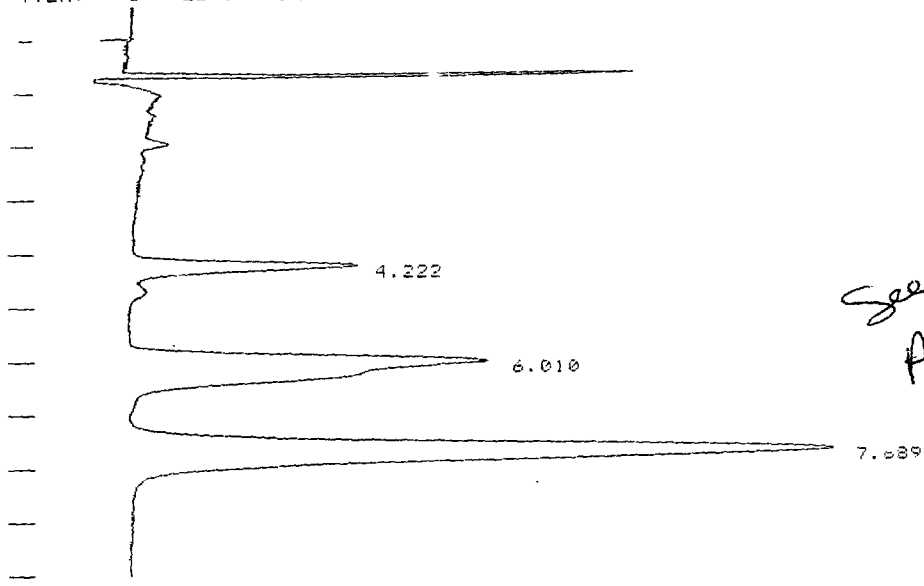
CHANNEL NO: 1 SAMPLE: STD MIX 10NG METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.0000	2.455	3734	BB
2	2.4-D	9.8371	4.698	15215	BB
3	2.4.5-TP	10.0907	6.290	75928	BB
4	2.4.5-T	10.3336	7.697	76479	BB

TOTALS: 30.2514 150344

DIVISOR: 1.00000 MULTIPLIER: 1.00000

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



See Above

005186

vertical / chimneyable calli p/n 03 906562.00

TITLE: ACIDS 4MM 3%OV17 T=200° 16:36 17 DEC 84

CHANNEL NO: 1 SAMPLE: 85534MS METHOD: SACID

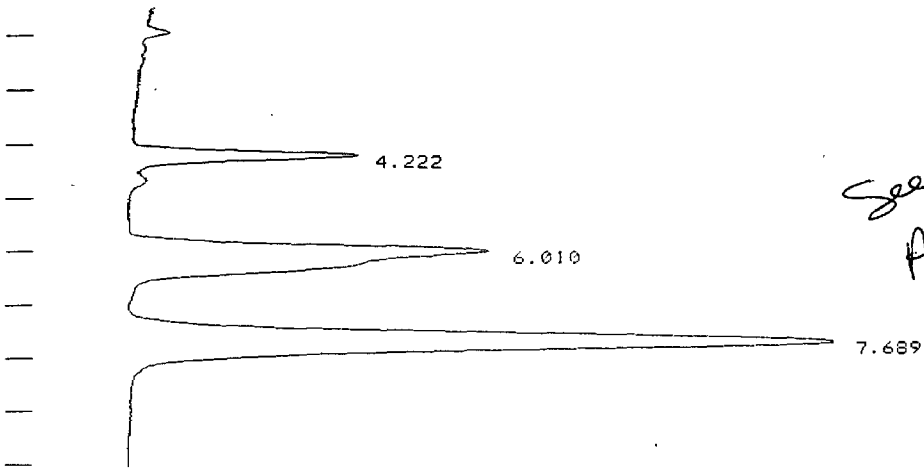
PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	153.8760	4.222	23797	BB
2	2,4,5-TP	89.9123	6.010	85476	BV
3	2,4,5-T	190.5740	7.689	141181	VB

TOTALS: 434.3620 250454

DIVISOR: 400.000 MULTIPLIER: 4000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK

Varian / Sunnyvale, Calif. P/O 03 906362 00



See Above

005187

TITLE: ACIDS 4MM 3%OV17 T=200° 16:36 17 DEC 84

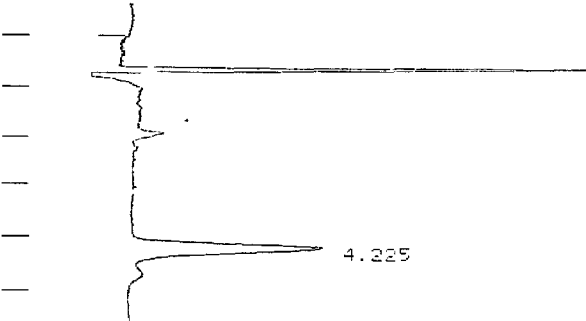
CHANNEL NO: 1 SAMPLE: S5534MS METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	153.8760	4.222	23797	BB
2	2,4,5-TP	89.9123	6.010	85476	EV
3	2,4,5-T	190.5740	7.689	141181	VB

TOTALS: 434.3620 250454

DIVISOR: 400.000 MULTIPLIER: 4000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



See

177

TITLE: ACIDS 4MM 3%OV17 T=200°

16:36 17 DEC 84

CHANNEL NO: 1

SAMPLE: S5534MS

METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	153.8760	4.222	23797	BB
2	2,4,5-TP	89.9123	6.010	85476	BV
3	2,4,5-T	190.5740	7.689	141181	VB

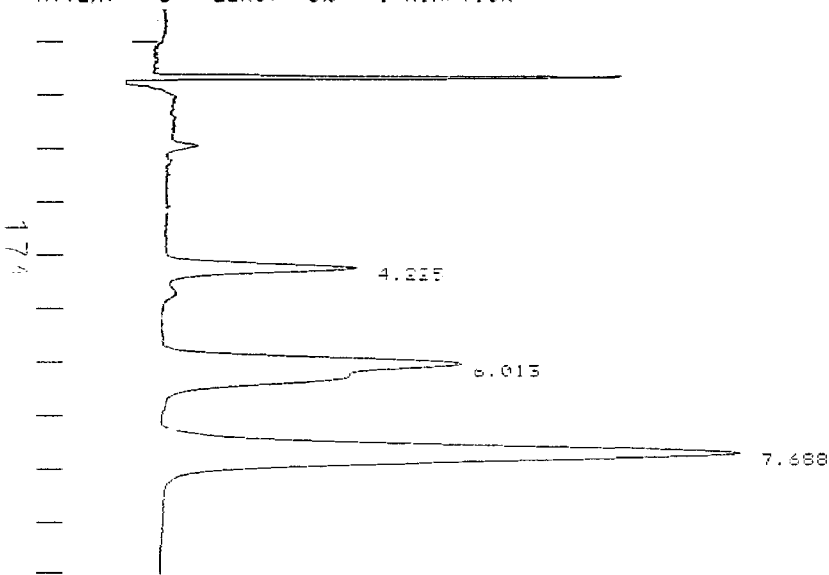
TOTALS: 434.3620

250454

DIVISOR: 400.000

MULTIPLIER: 4000.00

CHART SPEED 1.0 CM/MIN
ATTEN: B ZERO: 5% 1 MIN/TICK



005188

TITLE: ACIDS 4MM 3%OV17 T=200°

16:48 17 DEC 84

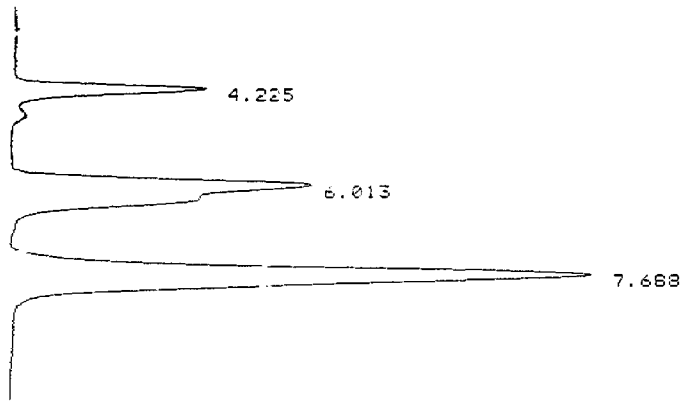
CHANNEL NO: 1

SAMPLE: S5534MSD

METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	153.8760	4.222	12780	BB

174



See Above

005189

TITLE: ACIDS 4MM 5%OV17 T=200°

16:48 17 DEC 84

varian / sunnyvale, calif p/n 03 906362 00

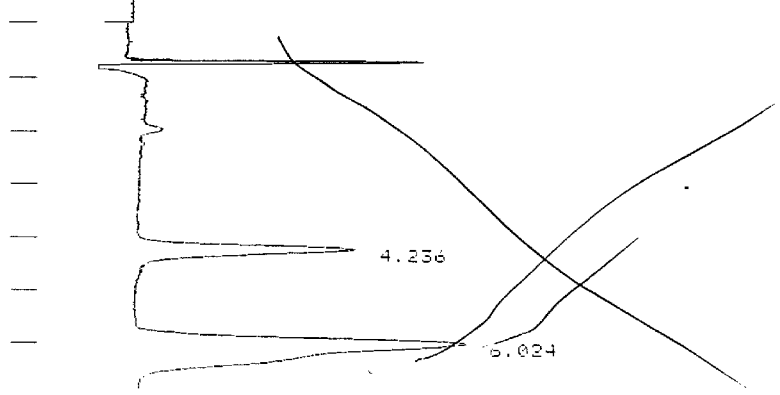
CHANNEL NO: 1 SAMPLE: E5534MSD METHOD: SACID

PEAK NO	PEAK NAME	RESULT	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	55.1980	4.225	19760	BB
2	2,4,5-TP	75.1505	6.013	69546	BV
3	2,4,5-T	152.1400	7.688	112708	VB

TOTALS: 553.1980 202034

DIVISOR: 400.000 MULTIPLIER: 4000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



172

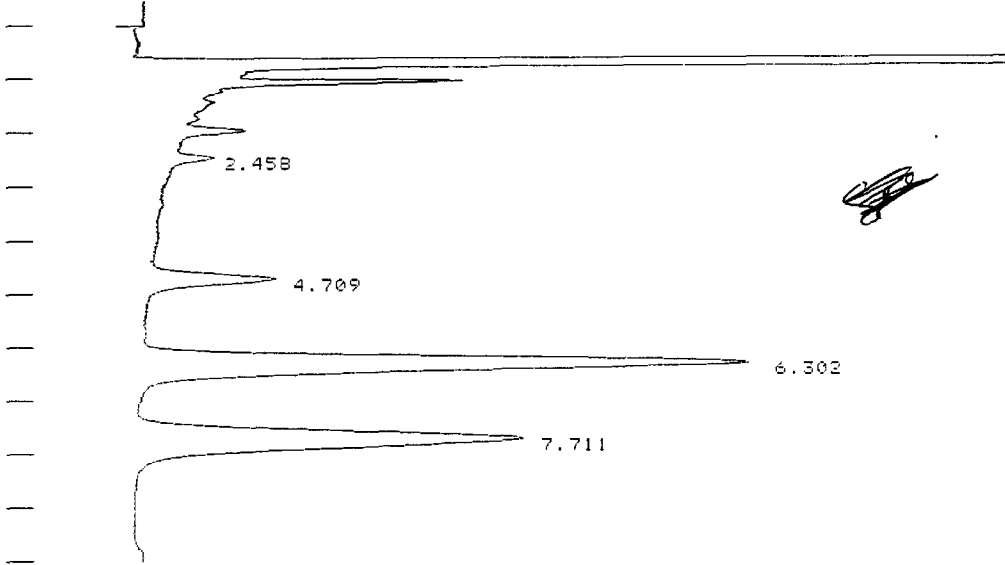
TOTALS: 303.6790

67223

DIVISOR: 400.000

MULTIPLIER: 10000.0

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



005190

Varian / Sunnyvale, Calif. P.O. 03 906362 00

TITLE: ACIDS 4MM 3%OV17 T=200°

16:11 17 DEC 84

CHANNEL NO: 1

SAMPLE: STD 10HG

METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.0000	2.458	2005	BB
2	2,4-D	9.9302	4.709	15357	BB
3	2,4,5-TP	10.1496	6.302	96488	BB
4	2,4,5-T	10.0471	7.711	74451	BB

TOTALS: 30.1269

188941

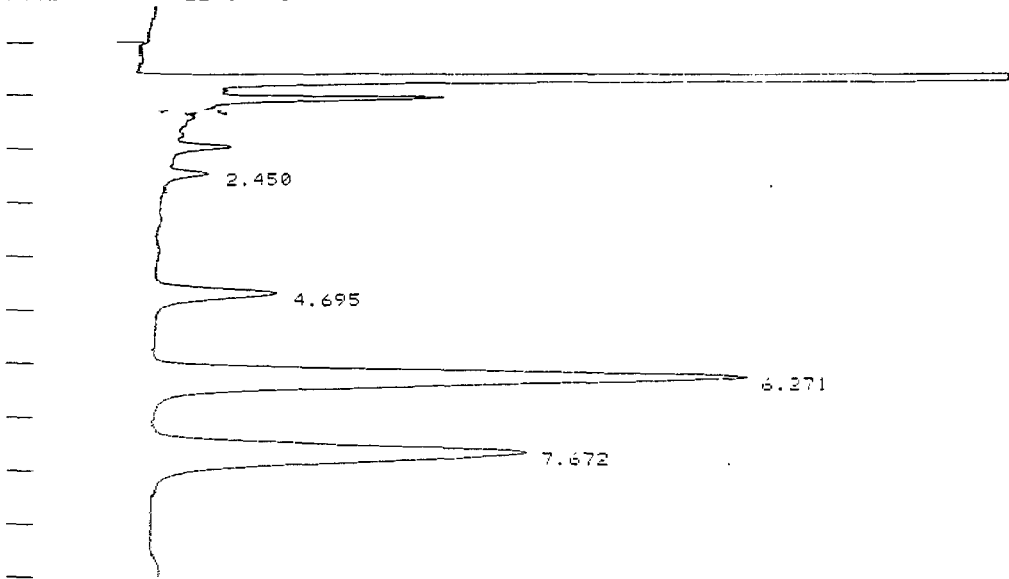
DIVISOR: 1.00000

MULTIPLIER: 1.00000

CHART SPEED 1.0 CM/MIN
ATTEN: B ZERO: 5% 1 MIN/TICK

164

005191



varian / Sunnyvale, Calif. P/O 03 506362 00

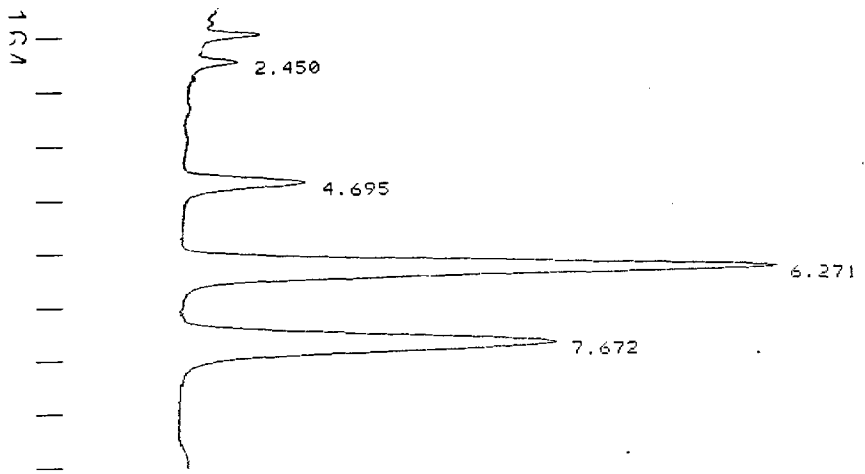
TITLE: ACIDS 4MM 3%OV17 T=200° 12:55 17 DEC 84

CHANNEL NO: 1 SAMPLE: 10NG ACIDSTD METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.0000	2.450	3256	BB
2	2,4-D	0.0000	4.695	15402	BB
3	2,4,5-TP	11.6784	6.271	95066	BV
4	2,4,5-T	10.5584	7.672	74082	VE

TOTALS: 22.2368 187468

DIVISOR: 1.00000 MULTIPLIER: 1.00000



005192

0078906 TO n/p files: ahp/area, varea /summyvle.calf p/n 03 90636200

TITLE: ACIDS 4MM 3%OV17 T=200° 12:55 17 DEC 84

CHANNEL NO: 1 SAMPLE: 10NG ACIDSTD METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.0000	2.450	2856	BB
2	2,4-D	0.0000	4.695	15465	BB
3	2,4,5-TP	11.6784	6.271	95066	BV
4	2,4,5-T	10.5584	7.672	74082	VB
TOTALS:		22.2368		187469	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

RECALO TITLE: ACIDS 4MM 3%OV17 T=200° 12:55 17 DEC 84

CHANNEL NO: 1 SAMPLE: 10NG ACIDSTD METHOD: SACID

PEAK NO	PEAK NAME	RESULT FACTOR	TIME (MIN)	AREA COUNTS	SEP CODE
1			2.450	2856	BB
2	2,4-D	6.466210U	4.695	15465	BB
3	2,4,5-TP	1.051900U	6.271	95066	BV
4	2,4,5-T	1.349860U	7.672	74082	VB
TOTALS:				187469	

GMT STD: 1.00000

167

DIVISOR: 1.00000 ⁴⁰⁰

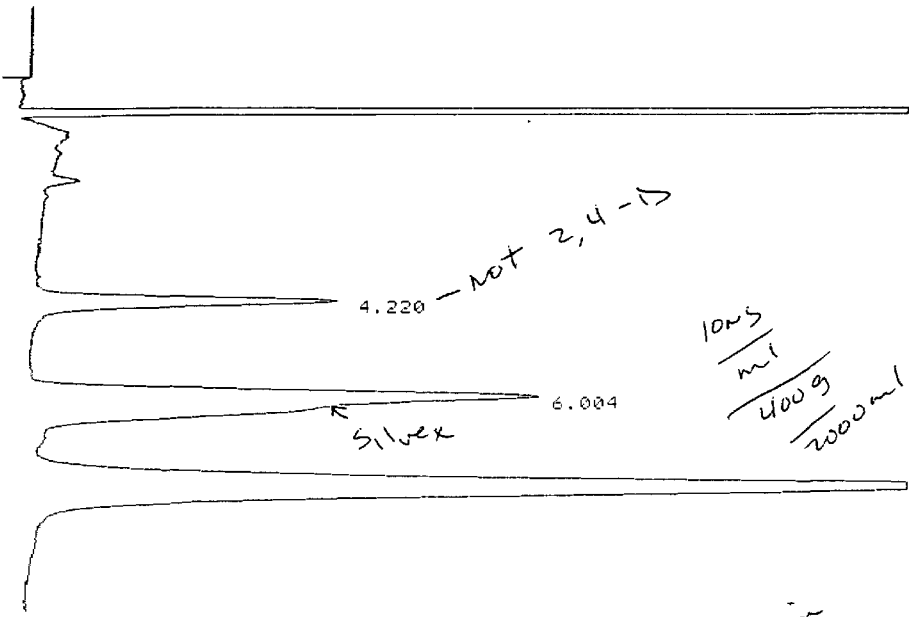
MULTIPLIER: 20.0000

ERRORS:
NO PEAKS

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK

(VA) varian / sunnyvale, calif. p/n 03 906362.00

005193



see coinjection
of S 5530 and
STANDARD
12-19-84

TITLE: ACIDS 4MM 3%OV17 T=200° 01

14:05 17 DEC 84

CHANNEL NO: 1

SAMPLE: S5530

METHOD: SMOID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	106.4500	4.220	32925	BB
2	2,4,5-TP	58.8097	6.004	111816	BV
3	2,4,5-T	135.7750	7.678	201170	VB

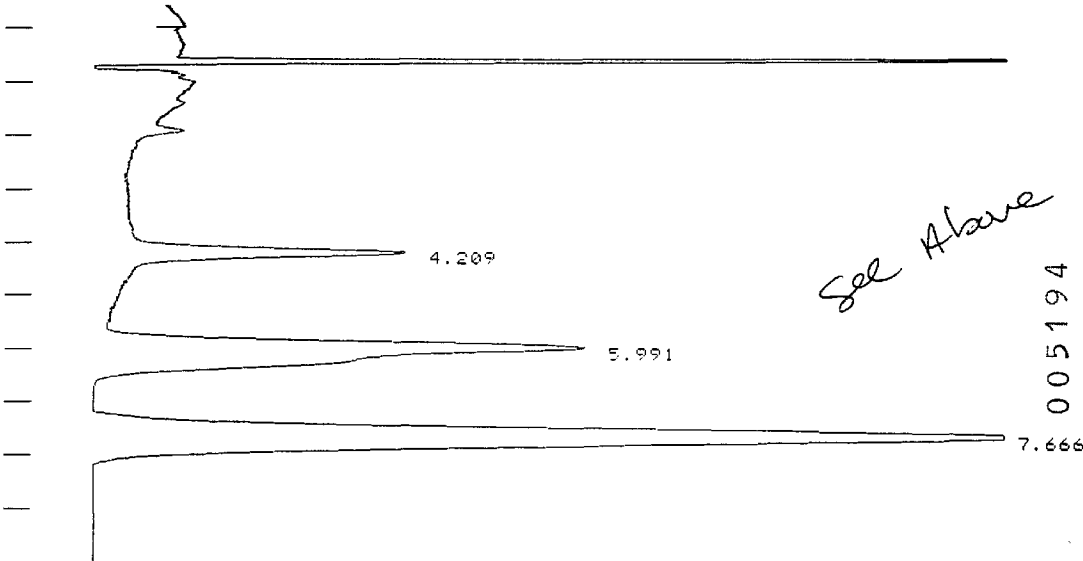
TOTALS: 301.0350 345911

DIVISOR: 400.000

MULTIPLIER: 2000.00

168

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



005194

varian / sunnyvale, calif. p/r. n. 03-906362-00

TITLE: ACIDS 4MM 3%OV17 T=200° D 2 14:24 17 DEC 84

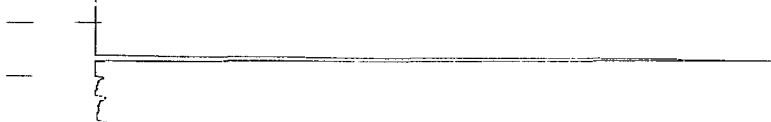
CHANNEL NO: 1 SAMPLE: S5531 METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	95.0695	4.209	29405	BB
2	2,4,5-TP	54.2055	5.991	105002	BB
3	2,4,5-T	129.0440	7.666	191107	BB

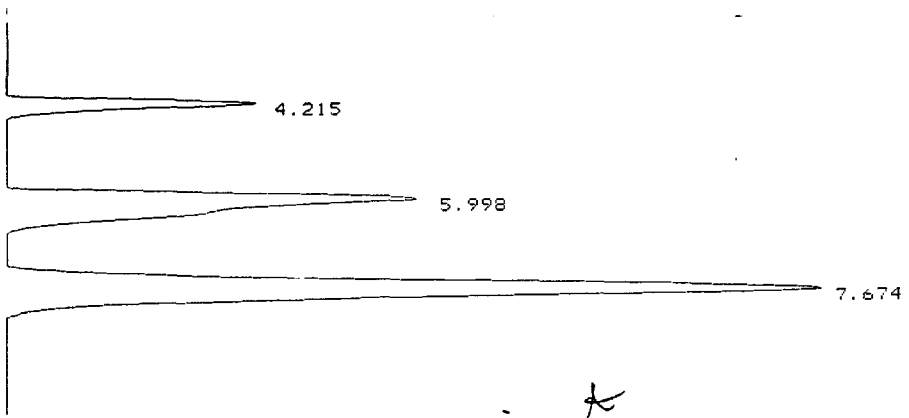
TOTALS: 278.3190 323664

DIVISOR: 400.000 MULTIPLIER: 2000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



169



Reinject

005195

TITLE: ACIDS 4MM 3%OV17 T=200°

14:43 17 DEC 84

CHANNEL NO: 1

SAMPLE: S5532

METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	87.5170	4.215	27069	BB
2	2,4,5-TP	47.5391	5.998	90387	BV
3	2,4,5-T	110.7680	7.674	164119	VB

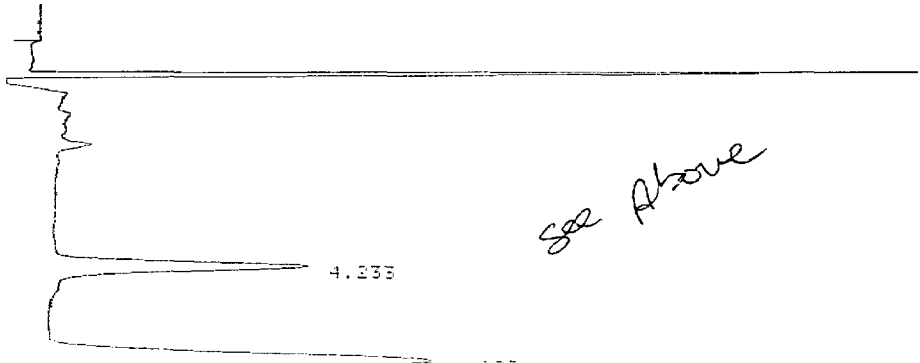
TOTALS: 245.8240

281575

DIVISOR: 400.000

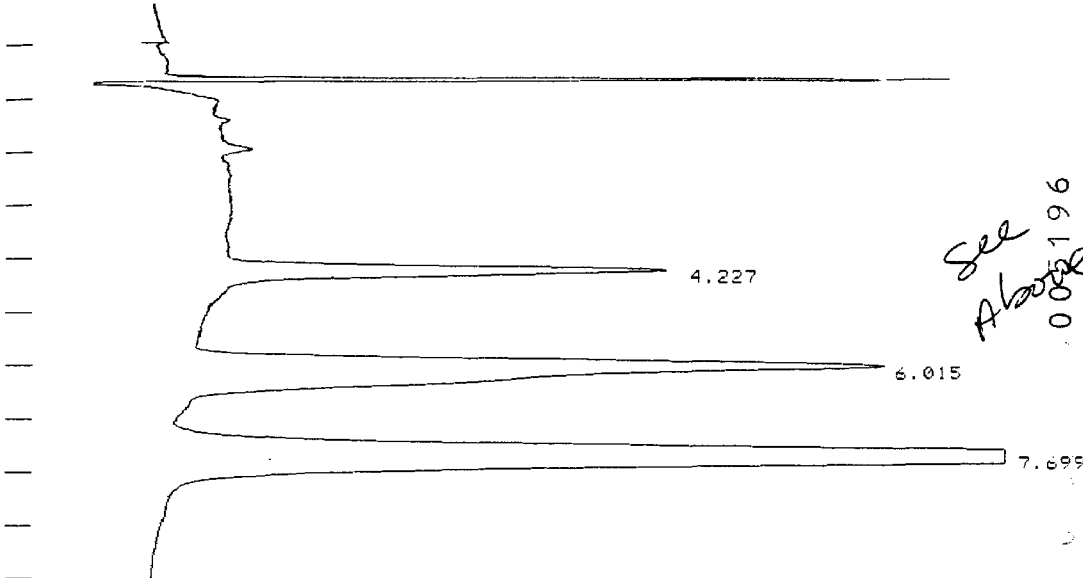
MULTIPLIER: 2000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



see Above

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



See Above
0001196

TITLE: ACIDS 4MM 3%OV17 T=200° 15:44 17 DEC 84

CHANNEL NO: 1 SAMPLE: S5534 METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	159.7670	4.227	49416	BB
2	2,4,5-TP	45.0279	6.015	142652	BB
3	2,4,5-T	171.9030	7.699	254698	BB

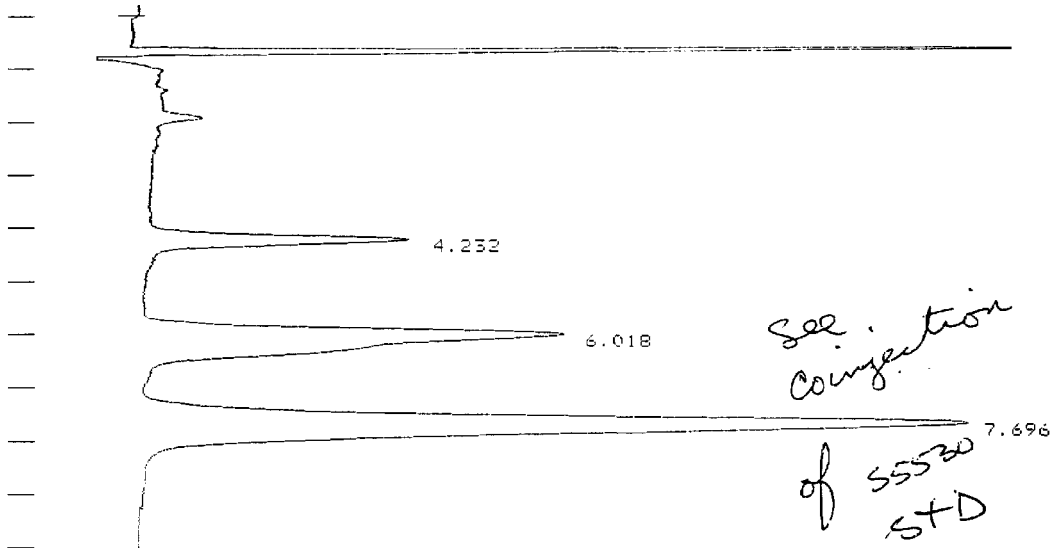
TOTALS: 406.6980 446766

DIVISOR: 400.000 MULTIPLIER: 2000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK

171

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN TICK



005197

TITLE: ACIDS 4MM 3%OV17 T=200°

12:46 19 DEC 84

CHANNEL NO: 1

SAMPLE: S5532

METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	87.2047	4.232	27591	BB
2	2,4,5-TP	47.9051	6.018	91083	BV
3	2,4,5-T	111.3150	7.696	164929	VB

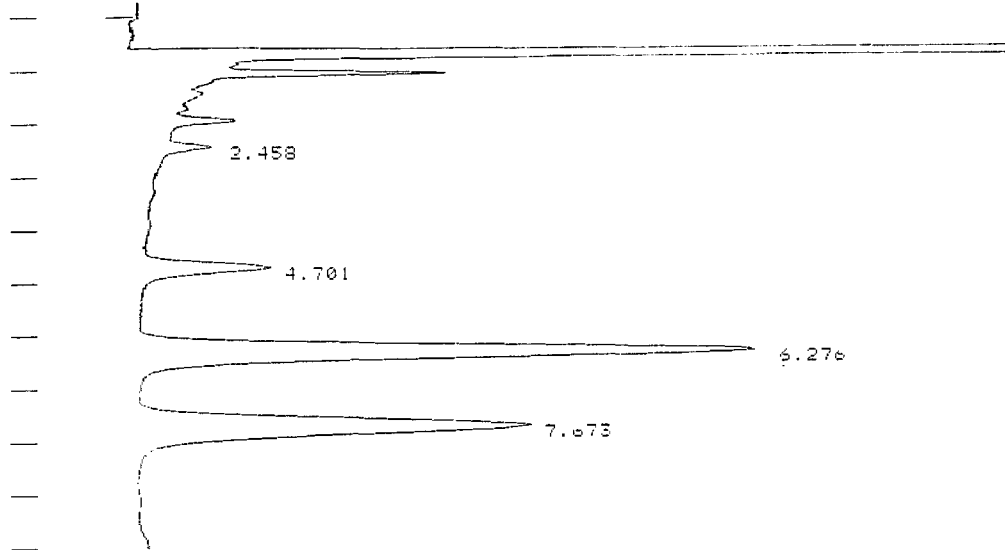
TOTALS: 248.4250

283603

DIVISOR: 400.000

MULTIPLIER: 2000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



005198

TITLE: ACIDS 4MM 5%OV17 T=200°

10:26 19 DEC 84

CHANNEL NO: 1

SAMPLE: 10NG/ML STD

METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.0000	2.458	3176	BB
2	2,4-D	10.0588	4.701	15556	BB
3	2,4,5-TP	10.1270	6.276	96273	BB
4	2,4,5-T	10.2237	7.673	75739	BB

TOTALS:

30.4095

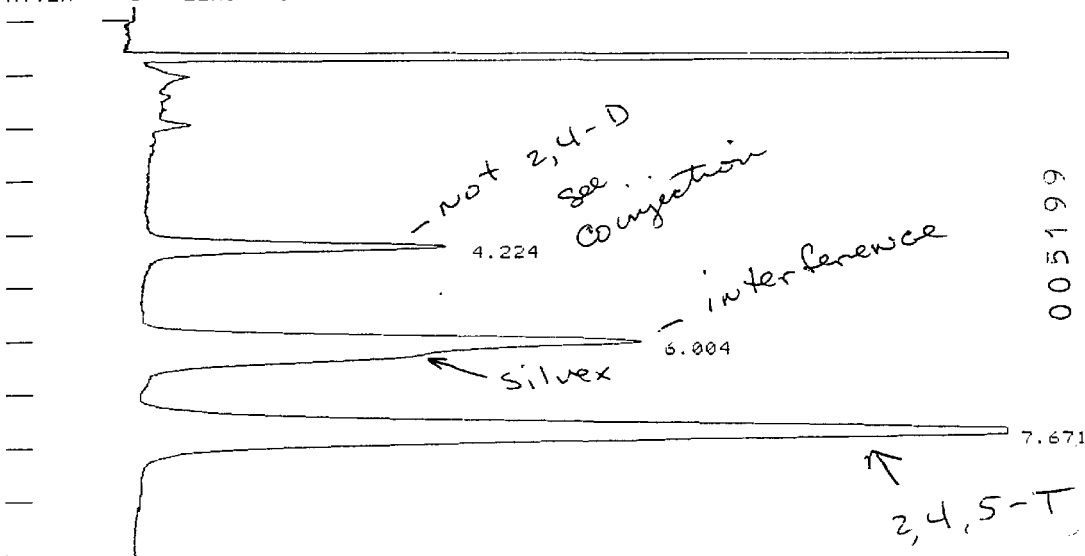
190744

DIVISOR: 1.00000

MULTIPLIER: 1.00000

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK

CHART SPEED 1.0 CM/MIN
 ATTEN: 8 ZERO: 5% 1 MIN/TICK



005199

TITLE: ACIDS 4MM ENCV17 T-3001 01

10:40 10 DEC 67

1003

CHANNEL NO: 1 SAMPLE: S5530 METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	2,4-D	110.0970	4.224	34053	BB
2	2,4,5-TP	58.2764	6.004	110802	BV
3	2,4,5-T	131.9800	7.671	195547	VB

TOTALS: 300.3550 540402

DIVISOR: 400.000 MULTIPLIER: 3000.00

CHART SPEED 1.0 CM/MIN
 ATTEN: 8 ZERO: 5% 1 MIN/TICK



TOTALS:

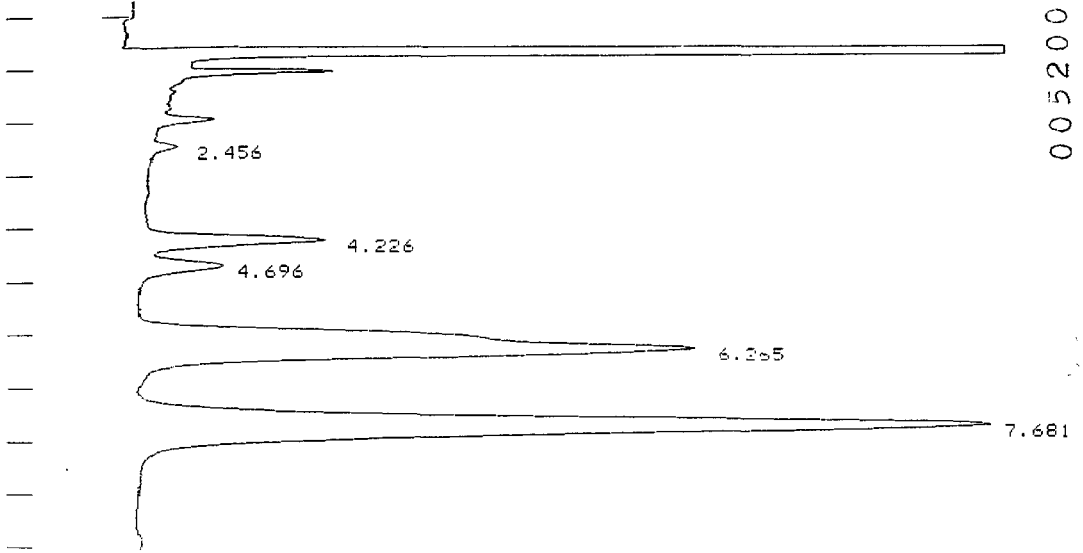
300.3530

340402

DIVISOR: 400.000

MULTIPLIER: 2000.00

CHART SPEED 1.0 CM/MIN
ATTEN: 8 ZERO: 5% 1 MIN/TICK



varian / sunnyvale, calif. p. n. 03 906362 00

TITLE: ACIDS 4MM 3%OV17 T=200° *coinjection* 12:20 19 DEC 84

CHANNEL NO: 1 SAMPLE: S5530 + STD METHOD: SACID

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.0000	2.456	1570	BB
2		0.0000	4.226	30218	BV
3		33.6599	4.696	10411	VB
4		68.8700	6.265	130944	BV
5		114.6880	7.681	169926	VB
TOTALS:		217.2180		333069	

DIVISOR: 400.000 MULTIPLIER: 2000.00

184

Std. I.D.: L41218
 Date Injected: 12/19/84
 Date Extracted: _____

Sample I.D.: 55530
1396F-01

Conc. factor (wet wt.): _____
 Conc. factor (dry wt.): _____

Attaylor

SEMI-VOLATILES (AFC)

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RR1	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/F
964	D4-1,4-DICHLOROBENZENE	1.000	538	150	121026	40	
982	2-FLUOROPHENOL	0.693	369	112	351097	140	
61	N-NITROSODIMETHYLAMINE	0.440		74			
C5	ANILINE	0.885		93			
983	PHENOL-D5	0.946	509	99	357667	125	
65	PHENOL	0.947		94			
18	BIS(2-CHLOROETHYL)ETHER	0.959		93			
24	2-CHLOROPHENOL	0.954	513	128	12736	5.4	
26	1,3-DICHLOROBENZENE	0.987		146			
27	1,4-DICHLOROBENZENE	1.003		146			
25	1,2-DICHLOROBENZENE	1.050		146			
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096		121			
12	HEXACHLOROETHANE	1.126		117			
C6	BENZYL ALCOHOL	0.791		108			
63	N-NITROSODI-N-PROPYLAMINE	0.855		130			
C2	2-METHYLPHENOL	0.828		108			
C3	4-METHYLPHENOL	0.854		108			
987	NAPHTHALENE-D8	1.000	723	136	219037	40	
988	NITROBENZENE-D5	0.872		128			
56	NITROBENZENE	0.875		123			
54	ISOPHORONE	0.920		82			
57	2-NITROPHENOL	0.935		139			
34	2,4-DIMETHYLPHENOL	0.953		122			
43	BIS(2-CHLOROETHOXY)METHANE	0.970		93			
31	2,4-DICHLOROPHENOL	0.982		162			
C1	BENZOIC ACID	0.952		122			

12-18-84
 QA-02
 005201

W. Taylor

Signatures of persons reporting data

EPA No.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/kg
8	1,2,4-TRICHLOROBENZENE	0.993	---	150	---	---	---
55	NAPHTHALENE	1.004	---	128	---	---	---
C7	4-CHLOROANILINE	1.030	---	127	---	---	---
52	HEXACHLOROBUTADIENE	1.042	---	225	---	---	---
22	4-CHLORO-3-METHYLPHENOL	1.127	---	144	---	---	---
C9	2-METHYLNAPHTHALENE	1.144	---	142	---	---	---
957	ACENAPHTHENE-D10	1.000	<u>984</u>	164	<u>100805</u>	<u>40</u>	<u>---</u>
53	HEXACHLOROCYCLOPENTADIENE	1.183	---	237	---	---	---
21	2,4,6-TRICHLOROPHENOL	1.201	<u>877</u>	196	<u>1493</u>	<u>2.4</u>	<u>---</u>
976	2-FLUOROBIPHENYL	1.217	<u>890</u>	172	<u>100810</u>	<u>3.1</u>	<u>---</u>
C4	2,4,5-TRICHLOROPHENOL	1.219	<u>883</u>	198	<u>1173</u>	<u>1.4</u>	<u>---</u>
20	2-CHLORONAPHTHALENE	1.230	---	162	---	---	---
C10	2-NITROANILINE	1.234	---	138	---	---	---
77	ACENAPHTHYLENE	1.309	---	152	---	---	---
71	DIMETHY PHTHALATE	1.308	---	163	---	---	---
36	2,6-DINITROTOLUENE	1.320	---	165	---	---	---
1	ACENAPHTHENE	0.822	---	154	---	---	---
59	2,4-DINITROPHENOL	0.834	---	184	---	---	---
C8	DIBENZOFURAN	0.843	---	168	---	---	---
35	2,4-DINITROTOLUENE	0.851	---	89	---	---	---
58	4-NITROPHENOL	0.854	---	109	---	---	---
C11	3-NITROANILINE	0.857	---	138	---	---	---
80	FLUORENE	0.882	---	166	---	---	---
40	4-CHLOROPHENYL ETHER	0.885	---	204	---	---	---
70	DIETHYL PHTHALATE	0.887	---	149	---	---	---
C12	4-NITROANILINE	0.904	---	138	---	---	---
955	2,4,6-TRIBROMOPHENOL	1.120	<u>1102</u>	332	<u>57220</u>	<u>202</u>	<u>---</u>

005202

55530
: (396F-01)

Altaylor

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RFL	SCAN NO.	ION TO QUANT	AREA	QUAN LIS	ug/L or ug/kg
962	PHENANTHRENE-D10	1.000	<u>1199</u>	188	<u>109493</u>	<u>40</u>	
60	4,6-DINITRO-O-CRESOL	0.900		198			
37	1,2-DIPHENYLHYDRAZINE			77			
62	DIPHENYLAMINE	0.901		169			
41	4-BROMOPHENYL PHENYL ETHER	0.943		248			
9	HEXACHLOROBENZENE	0.958		284			
64	PENTACHLOROPHENOL	0.982		266			
81	PHENANTHRENE	0.997		178			
78	ANTHRACENE	1.002		178			
68	DI-N-BUTYL PHTHALATE	1.081		149			
39	FLUOROANTHENE	1.142		202			
961	CHRYSENE-D12	1.000	<u>1591</u>	240	<u>34223</u>	<u>40</u>	
954	TERPHENYL-D14	1.201		244			
84	PYRENE	1.169		202			
5	BENZIDINE	0.886		184			
67	BUTYL BENZYL PHTHALATE	0.955		149			
72	BENZO(A)ANTHRACENE	0.998		228			
76	CHRYSENE	1.003		228			
28	3,3'-DICHLOROBENZIDINE	1.002		252			
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019		149			
952	PERYLENE-D12	1.000	<u>1839</u>	264	<u>17050</u>	<u>40</u>	
69	DI-N-OCTYL PHTHALATE	1.104		149			
74	3,4-BENZOFLUOROANTHENE AND/OR			252			
75	BENZO(K)FLUORANTHENE						
73	BENZO(A)PYRENE	1.004		252			
83	INDENO(1,2,3-CD)PYRENE			276			
82	DIBENZO(A,H)ANTHRACENE	1.259		278			
79	BENZO(GHI)PERYLENE	1.317		276			

005203

SYSTEM, SCIENCE + SOFTWARE DIAGNOSTICS

S553001A
 FC434
 12/18/84
 1396F-01, 500ML/ML
 F4

NO	LIB	ID	M/E	SCAN	PRED	DELTA	FIT	PUR	MATCH	AREA
1	LL	964	150	538	539	1	994	765	96.	121025.
2	LL	982	112	569	568	-1	996	886	100.	351097.
3	LL	61	74	---	99		NO PEAKS	FOUND		
4	LL	63	93	504	501	-3	636	6	40.	10.
				-494		7	636	6	34.	
				-491		10	647	23	25.	
5	LL	983	99	509	509	0	991	842	99.	357666.
6	LL	65	94	511	511	0	527	89	38.	1058.
7	LL	18	93	513	516	3	469	148	38.	247.
				-517		-1	499	112	38.	
				-522		-6	478	76	35.	
8	LL	24	128	513	513	0	910	656	86.	12735.
9	LL	26	146	532	532	0	588	149	44.	141.
				-538		4	199	24	19.	
				-540		-8	226	74	17.	
10	LL	27	146	540	540	0	588	138	33.	141.
				-540		0	216	80	22.	
				-540		1	516	59	36.	140.
11	LL	25	146	565	566	-1	449	149	37.	29.
12	LL	40	121	593	592	-1	300	56	25.	44.
13	LL	12	117	610	608	-2	210	52	15.	
				-616		-8	233	9	12.	
				-598		10	740	65	48.	28.
14	LL	66	108	575	569	-6	991	422	78.	543.
15	LL	63	130	---	614		894	233	64.	204.
16	LL	69	102	592	592	0	942	795	94.	219036.
17	LL	63	108	615	615	0	991	725	93.	2826.
18	LL	90	106	723	724	1	817	108	54.	19.
19	LL	90	108	624	624	0	818	60	51.	
20	LL	66	103	631	627	-4	586	105	42.	175.
				-627	664	-1	465	130	37.	
				-655		-6	478	77	35.	
21	LL	54	82	---	673		557	222	48.	25.
22	LL	57	139	673	673	0	804	458	71.	155.
23	LL	34	120	690	690	0	741	51	47.	73.
24	LL	43	93	702	704	-2	697	27	44.	
				-706	709	-2	927	361	72.	762.
25	LL	31	162	711	709	-2	815	180	57.	
				-715	718	-6	928	323	70.	126.
26	LL	01	122	718	718	0	955	210	66.	
				-712		6	850	10	50.	
				-723		-5	690	85	46.	59.
27	LL	8	180	718	719	1	972	135	63.	471.
28	LL	55	128	725	726	1	478	32	33.	22.
29	LL	07	127	744	744	-2	NO PEAKS	FOUND		
30	LL	22	225	---	756		-1	789	359	65.
31	LL	22	144	823	821	0	836	118	55.	16.
32	LL	69	142	828	828	0	605	123	38.	78.
				-821		7	590	28	34.	
				-823		5	997	708	93.	100804.
33	LL	957	164	---	985		1	936	689	89.
34	LL	23	237	---	863		-5	942	679	89.
35	LL	11	196	---	878		0	958	667	89.
				-883	890	0	986	527	83.	10079.
36	LL	976	172	890	890	0	985	496	82.	1992.
37	LL	04	196	877	882	5	675	175	50.	116.
				-883	897	-1	529	22	35.	
38	LL	20	162	898	897	1	890	228	63.	33.
				-901	925	1	765	103	51.	120.
39	LL	010	138	924	925	1	692	35	44.	
40	LL	77	152	960	960	0	900	205	63.	41.
				-956	962	3	875	101	42.	
41	LL	71	163	959	962	0	489	157	40.	15.
				-954	971	-1	433	142	36.	
42	LL	36	165	970	971	-1	530	49	22.	
				-972	989	-10	883	165	60.	83.
43	LL	1	154	981	989	-1	769	50	48.	
				-984		5	563	1	36.	
44	LL	59	164	1002	1002	0	418	177	37.	36.
45	LL	08	160	1012	1012	0	967	249	68.	117.
46	LL	08	160	1012	1012	0	---	---	---	---

005204

47	LL	58:	109	-1022	1021	1020	-1	286	19	23.
				-1025	1021	1020	-1	547	255	48.
				-1025	1025	1025	-5	349	173	34.
48	LL	C11:	138	984	985	985	1	225	16	20.
49	LL	60:	166	1062	1063	1063	1	805	213	38.
50	LL	40:	204	1068	1068	1068	0	718	117	47.
51	LL	70:	149	1067	1068	1068	1	905	273	66.
				-1065	1065	1065	3	653	102	45.
52	LL	C12:	138	1075	1082	1082	7	576	91	35.
				-1083	1083	1083	-1	333	35	26.
53	LL	955:	332	1102	1101	1101	-1	975	728	93.
54	LL	962:	188	1199	1200	1200	1	971	661	89.
				-1205	1205	1205	-5	889	432	74.
55	LL	60:	198	1084	1083	1083	-1	381	134	33.
56	LL	37:	77	1083	1088	1088	3	775	275	60.
				-1085	1085	1085	3	705	180	52.
				-1088	1088	1088	0	671	119	47.
57	LL	62	169	1086	1088	1088	2	918	451	76.
58	LL	41:	248	1139	1139	1139	0	701	117	48.
59	LL	9:	384	---	---	---	0	897	540	79.
60	LL	64:	266	1184	1184	1184	0	897	188	66.
61	LL	81:	178	1201	1203	1203	-2	866	293	65.
				-1207	1207	1207	-4	866	293	65.
62	LL	78:	178	1207	1209	1209	2	990	608	87.
63	LL	69:	149	1308	1309	1309	1	986	608	87.
64	LL	39:	202	1377	1378	1378	1	913	371	72.
65	LL	961:	240	1591	1592	1592	1	771	475	70.
66	LL	954:	244	1443	1442	1442	-1	992	414	76.
67	LL	84:	202	1409	1410	1410	1	959	483	80.
68	LL	5:	184	---	---	---	0	937	197	64.
69	LL	67:	149	1527	1528	1528	1	937	197	34.
				-1531	1531	1531	-3	526	12	61.
70	LL	72:	228	1594	1589	1589	-5	973	98	59.
				-1589	1589	1589	0	983	44	62.
71	LL	76:	228	1594	1595	1595	1	978	104	25.
72	LL	28:	252	1591	1595	1595	4	360	6	23.
				-1599	1599	1599	4	296	6	23.
73	LL	66:	149	1619	1619	1619	0	709	260	59.
74	LL	959:	264	1839	1839	1839	0	902	585	80.
75	LL	69:	149	1716	1717	1717	0	920	87	38.
				-1711	1711	1711	1	520	87	38.
				-1722	1722	1722	-6	177	28	18.
76	LL	74:	252	1765	1763	1763	-2	174	25	17.
				-1762	1762	1762	-2	931	93	59.
77	LL	73:	252	1825	1827	1827	1	894	74	56.
PREDICTED	SCAN	#	OUTSIDE	LIMITS			2	904	85	57.
78	LL	83:	276	---	2134	2134	0	904	85	57.
PREDICTED	SCAN	#	OUTSIDE	LIMITS			0	904	85	57.
79	LL	82:	278	---	2148	2148	0	904	85	57.
PREDICTED	SCAN	#	OUTSIDE	LIMITS			0	904	85	57.
80	LL	79:	276	---	2223	2223	0	904	85	57.
PREDICTED	SCAN	#	OUTSIDE	LIMITS			0	904	85	57.

57219.
109992.

327.
1192.

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005205

QUANTITATION REPORT FILE: S553001A

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

NO	NAME
1	964: D4-1,4-DICHLOROBENZENE (Q 150)
2	982: 2-FLUOROPHENOL (Q 112)
3	61: N-NITROSODIMETHYLAMINE (Q74, R10:2:9)
4	65: ANILINE (Q 93)
5	983: D5-PHENOL (Q99, R4:10)
6	45: PHENOL (Q94, R2:2:10)
7	18: BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24: 2-CHLOROPHENOL (Q128, R5:10:3)
9	26: 1,3-DICHLOROBENZENE (Q146, R1:10:6)
10	27: 1,4-DICHLOROBENZENE (Q146, R1:10:6)
11	25: 1,2-DICHLOROBENZENE (Q146, R1:10:6)
12	42: BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12: HEXACHLOROETHANE (Q117, R10:6:10)
14	66: BENZYL ALCOHOL (Q 109)
15	63: N-NITROSO-N-PROPYLAMINE (Q130, R6:1:2)
16	62: 2-METHYLPHENOL (Q 108)
17	63: 4-METHYLPHENOL (Q 108)
18	987: NAPHTHALENE-D8 (Q136)
19	988: NITROBENZENE-D5 (Q128)
20	56: NITROBENZENE (Q123, R1:5:10:5)
21	54: ISOPHORONE (Q82, R10:1:2)
22	57: 2-NITROPHENOL (Q139, R3:0:8:10)
23	34: 2,4-DIMETHYLPHENOL (Q122, R9:5:10)
24	43: BIS (2-CHLOROETHOXY) METHANE (Q93, R10:3:2)
25	31: 2,4-DICHLOROPHENOL (Q162, R6:10:6)
26	61: BENZOIC ACID (Q 122)
27	8: 1,2,4-TRICHLOROBENZENE (Q180, R3:10:9)
28	53: NAPHTHALENE (Q128, R1:10:1)
29	67: 4-CHLOROANILINE (Q 127)
30	52: HEXACHLOROBTADIENE (Q225, R6:10:6)
31	22: 4-CHLORO-3-METHYLPHENOL (Q 144)
32	67: 2-METHYLNAPHTHALENE (Q 142)
33	957: D10-ACENAPHTHENE (Q164)
34	53: HEXACHLOROXYCLOPENTADIENE (Q237, R6:10:1)
35	21: 2,4,6-TRICHLOROPHENOL (Q196, R10:9:3)
36	976: 2-FLUOROBIPHENYL (Q172, R1:5:2:4:10)
37	64: 2,4,6-TRICHLOROPHENOL (Q 196)
38	20: 2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	610: 3-NITROANILINE (Q 138)
40	77: ACENAPHTHYLENE (Q152, R2:10:2)
41	71: DIMETHYL PHTHALATE (Q163, R10:1:1)
42	36: 2,6-DINITROTOLUENE (Q165, R2:7:10)
43	1: ACENAPHTHENE (Q154, R5:10:10)
44	59: 2,4-DINITROPHENOL (Q184, R6:5:10)
45	68: DIBENZOFURAN (Q 168)
46	35: 2,4-DINITROTOLUENE (Q89, R7:2:10)
47	58: 4-NITROPHENOL (Q109, R10:7:5)
48	611: 3-NITROANILINE (Q 138)
49	80: FLUORENE (Q166, R8:10:1:4)
50	40: 4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70: DIETHYL PHTHALATE (Q149, R10:1:2)
52	612: 4-NITROANILINE (Q 138)
53	955: 2,4,6-TRIBROMOPHENOL (Q332)

005206

NO	NAME
54	962: D10-PHENANTHRENE (Q 188)
55	80: 4,4-DINITRO-2-METHYLPHENOL (Q 198)
56	37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
57	62: N-NITROSODIPHENYLAMINE (Q169, R5:7:10)
58	41: 4-BROMOPHENYL PHENYL ETHER (Q248, R5:10:10)
59	9: HEXACHLOROBENZENE (Q284, R3:2:10)
60	64: PENTACHLOROPHENOL (Q266, R6:10:6)
61	81: PHENANTHRENE (Q 178)
62	78: ANTHRACENE (Q 178)
63	68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
64	39: FLUORANTHENE (Q202, R1:2:10)
65	961: D12-CHRYSENE (Q240)
66	954: D14-TERPHENYL (Q244)
67	84: PYRENE (Q202, R3:2:10)
68	5: BENZIDINE (Q184, R2:10:1)
69	67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
70	72: BENZO(A)ANTHRACENE (Q 228)
71	76: CHRYSENE (Q 228)
72	28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
73	66: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
74	952: D12-PERYLENE (Q 264)
75	69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
76	74: 3,4-BENZOFLUORANTHENE &/OR BENZO(K)FLUORANTHENE (Q252)
77	73: BENZO(A)PYRENE (Q252, R2:10:2)
78	83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
79	82: DIBENZO(A,H)ANTHRACENE (Q278, R2:10:2)
80	79: BENZO(GH)PERYLENE (Q276, R4:10:3)

005207

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HCMT)	AMOUNT	UG/L	%TOT
1	150	538	9:25	1	1.000	A BV	121036	48.800	UG/L	5.43
2	112	369	6:27	1	0.686	A BB	351097	139.914	UG/L	19.01
3	NOT FOUND									
4	93	504	8:49	1	0.937	A BB	11	0.010	UG/L	0.00
5	99	509	8:54	1	0.946	A BB	357667	125.256	UG/L	17.02
6	94	511	8:57	1	0.953	A BB	1059	0.370	UG/L	0.05
7	93	513	8:59	1	0.954	A BV	243	0.074	UG/L	0.01
8	128	513	8:59	1	0.954	A BV	12736	5.355	UG/L	0.73
9	146	532	9:19	1	0.989	A BB	142	0.053	UG/L	0.01
10	146	532	9:19	1	0.989	A BB	142	0.054	UG/L	0.01
11	146	565	9:53	1	1.050	A BB	141	0.056	UG/L	0.01
12	121	593	10:23	1	1.102	A BB	30	0.035	UG/L	0.00
13	117	610	10:40	1	1.134	A BB	45	0.036	UG/L	0.00
14	108	575	10:04	1	1.069	A BB	29	0.022	UG/L	0.00
15	NOT FOUND									
16	108	592	10:22	1	1.100	A BB	544	0.273	UG/L	0.04
17	108	615	10:46	1	1.143	A BB	205	0.097	UG/L	0.01
18	136	723	12:39	18	1.000	A BV	219037	48.000	UG/L	5.43
19	128	624	10:55	18	0.863	A BB	2837	2.512	UG/L	0.34
20	123	631	11:03	18	0.873	A BB	20	0.017	UG/L	0.00
21	82	662	11:35	18	0.916	A VV	176	0.040	UG/L	0.01
22	139	673	11:47	18	0.931	A BB	25	0.024	UG/L	0.00
23	128	690	12:04	18	0.954	A BB	156	0.067	UG/L	0.01
24	93	702	12:17	18	0.971	A BB	74	0.024	UG/L	0.00
25	162	711	12:27	18	0.983	A BV	763	0.475	UG/L	0.06
26	122	718	12:34	18	0.993	A VV	127	0.174	UG/L	0.02
27	180	718	12:34	18	0.993	A BB	60	0.034	UG/L	0.00

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	UG/L	%TOT
28	128	725	12:41	18	1.003	A BB	472.	0.097	UG/L	0.01
29	127	746	13:09	18	1.032	A BB	23.	0.031	UG/L	0.00
30	NOT FOUND									
31	144	822	14:20	18	1.137	A BB	17.	0.038	UG/L	0.01
32	142	820	14:20	18	1.145	A BB	79.	0.022	UG/L	0.00
33	164	984	17:13	33	1.000	A BV	100805.	40.000	UG/L	5.43
34	NOT FOUND									
35	176	877	15:21	33	0.891	A BV	1993.	2.427	UG/L	0.33
36	172	890	15:34	33	0.904	A BB	10080	3.104	UG/L	0.42
37	196	878	15:21	33	0.871	A BV	1593	0.364	UG/L	0.32
38	152	898	15:43	33	0.913	A BV	117.	0.040	UG/L	0.01
39	138	924	16:10	33	0.939	A BB	34.	0.041	UG/L	0.01
40	152	940	16:48	33	0.976	A BB	121.	0.036	UG/L	0.00
41	163	959	16:47	33	0.975	A BB	42.	0.014	UG/L	0.00
42	165	970	16:58	33	0.986	A BB	16.	0.024	UG/L	0.00
43	154	988	17:17	33	1.004	A BB	84.	0.031	UG/L	0.00
44	184	1002	17:32	33	1.018	A BB	37.	0.029	UG/L	0.04
45	168	1012	17:42	33	1.028	A BB	118.	0.034	UG/L	0.00
46	89	1024	17:50	33	1.041	A BB	11.	0.020	UG/L	0.00
47	109	1021	17:50	33	1.038	A BB	159.	0.739	UG/L	0.10
48	138	984	17:13	33	1.000	A BB	19.	0.274	UG/L	0.04
49	166	1062	18:35	33	1.079	A BB	149.	0.055	UG/L	0.01
50	204	1068	18:41	33	1.085	A BB	35.	0.027	UG/L	0.00
51	149	1067	18:40	33	1.084	A BB	137.	0.045	UG/L	0.01
52	138	1075	18:49	33	1.072	A BB	10.	0.026	UG/L	0.01
53	332	1102	19:17	33	1.120	A BV	57220.	201.575	UG/L	27.39
54	188	1199	20:59	54	1.000	A BV	109993.	40.000	UG/L	5.43
55	198	1084	18:58	54	0.904	A BB	15.	0.056	UG/L	0.01
56	77	1082	18:57	54	0.903	A BB	86.	0.358	UG/L	0.05
57	149	1084	19:00	54	0.906	A BB	494.	0.630	UG/L	0.08
58	248	1139	19:56	54	0.950	A BB	33.	0.054	UG/L	0.01
59	NOT FOUND									
60	266	1184	20:43	54	0.987	A BB	328.	0.877	UG/L	0.12
61	178	1201	21:01	54	1.002	A BV	1193.	0.374	UG/L	0.05
62	178	1207	21:07	54	1.007	A BB	502.	0.227	UG/L	0.03
63	149	1308	22:53	54	1.071	A BB	1541.	0.400	UG/L	0.05
64	202	1377	24:06	54	1.148	A BB	368.	0.140	UG/L	0.02
65	240	1591	27:51	65	1.000	A VV	34223.	40.000	UG/L	5.43
66	244	1443	25:15	65	0.907	A BB	3983.	3.543	UG/L	0.48
67	202	1409	24:39	65	0.886	A BB	478.	0.205	UG/L	0.03
68	NOT FOUND									
69	149	1537	26:43	65	0.960	A BB	207.	0.136	UG/L	0.02
70	228	1594	27:54	65	1.002	A BV	546.	0.529	UG/L	0.07
71	228	1594	27:54	65	1.002	A BB	546.	0.522	UG/L	0.07
72	252	1591	27:51	65	1.000	A BB	10.	0.053	UG/L	0.01
73	149	1619	28:00	65	1.018	A BV	1099.	0.724	UG/L	0.10
74	264	1839	32:11	74	1.000	A BV	17059.	40.000	UG/L	5.43
75	149	1716	30:02	74	0.933	A BB	357.	0.161	UG/L	0.02
76	252	1765	30:53	74	0.960	A BV	289.	0.334	UG/L	0.05
77	252	1825	31:56	74	0.992	A BB	195.	0.371	UG/L	0.05
78	NOT FOUND									
79	NOT FOUND									
80	NOT FOUND									

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
1	9:26	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00

005208

NO	RET (L)	RATIO	RRT (L)	RATIO	AMNT	AMNT (L)	R. FAC	R. FAC (L)	RATIO
6:	27	1.00	0.685	1.00	139.91	41.70	2.783	0.829	3.36
4:	00		0.185			00.00		0.001	
0:	47	1.00	0.931	1.01	0.01	00.00	0.000	0.374	0.00
0:	00	1.00	0.946	1.00	125.26	41.70	0.835	0.944	0.00
0:	00	1.00	0.955	1.00	0.37	00.00	0.007	0.945	0.01
0:	00	0.99	0.955	0.99	0.07	00.00	0.002	1.114	0.00
0:	00	1.00	0.955	1.00	5.35	00.00	0.084	0.786	0.11
0:	00	1.00	0.955	1.00	0.05	00.00	0.001	0.893	0.00
0:	00	1.00	0.955	0.99	0.05	00.00	0.001	0.877	0.00
0:	00	1.00	0.955	1.00	0.06	00.00	0.001	0.830	0.00
0:	00	1.00	0.955	1.00	0.03	00.00	0.000	0.284	0.00
0:	00	1.00	1.100	1.00	0.04	00.00	0.000	0.418	0.00
0:	00	1.00	1.130	1.00	0.04	00.00	0.000	0.428	0.00
0:	00	1.01	0.550	1.01	0.02	00.00	0.000	0.428	0.00
0:	00	1.01	1.141	1.00		00.00		0.130	
0:	00	1.00	1.100	1.00	0.27	00.00	0.004	0.658	0.01
0:	00	1.00	1.140	1.00	0.10	00.00	0.001	0.700	0.00
0:	00	1.00	1.140	1.00	40.00	40.00	1.000	1.000	1.00
0:	00	1.00	0.800	1.00	0.51	00.00	0.020	0.200	0.12
0:	00	1.00	0.800	1.01	0.02	00.00	0.000	0.220	0.00
0:	00	1.00	0.800	1.00	0.04	00.00	0.000	0.814	0.00
0:	00	1.00	0.800	1.00	0.02	00.00	0.000	0.199	0.00
0:	00	1.00	0.800	1.00	0.09	00.00	0.001	0.327	0.00
0:	00	1.00	0.800	1.00	0.02	00.00	0.000	0.552	0.00
0:	00	1.00	0.800	1.00	0.48	00.00	0.000	0.290	0.01
0:	00	1.00	0.800	1.00	0.17	00.00	0.000	0.134	0.00
0:	00	1.00	0.800	1.00	0.03	00.00	0.000	0.324	0.00
0:	00	1.00	0.800	1.00	0.10	00.00	0.002	0.893	0.00
0:	00	1.00	0.800	1.00	0.03	00.00	0.000	0.136	0.00
0:	00	1.00	0.800	1.00		00.00		0.169	
0:	00	1.00	1.100	1.00	0.04	00.00	0.000	0.081	0.00
0:	00	1.00	1.100	1.00	0.02	00.00	0.000	0.645	0.00
0:	00	1.00	1.100	1.00	40.00	40.00	1.000	1.000	1.00
0:	00	1.00	0.800	1.00		00.00		0.254	
0:	00	1.00	0.800	1.00	20.40	20.40	0.016	0.320	0.00
0:	00	1.00	0.800	1.00	10.10	10.10	0.016	0.330	0.00
0:	00	1.00	0.800	1.00	0.36	00.00	0.001	0.330	0.00
0:	00	1.00	0.800	1.00	0.04	00.00	0.001	1.172	0.00
0:	00	1.00	0.800	1.00	0.04	00.00	0.000	0.331	0.00
0:	00	1.00	0.800	1.00	0.04	00.00	0.001	1.318	0.00
0:	00	1.00	0.800	1.00	0.01	00.00	0.000	1.229	0.00
0:	00	1.00	0.800	1.00	0.02	00.00	0.000	0.262	0.00
0:	00	1.00	0.800	1.00	0.03	00.00	0.001	1.088	0.00
0:	00	1.00	0.800	1.00	0.27	00.00	0.000	0.055	0.01
0:	00	1.00	0.800	1.00	0.03	00.00	0.001	1.372	0.00
0:	00	1.00	0.800	1.00	0.02	00.00	0.000	0.217	0.00
0:	00	1.00	0.800	1.00	0.74	00.00	0.001	0.085	0.01
0:	00	1.00	0.800	1.00	0.27	00.00	0.000	0.028	0.01
0:	00	1.00	0.800	1.00	0.06	00.00	0.001	1.070	0.00
0:	00	1.00	0.800	1.00	0.03	00.00	0.000	0.518	0.00
0:	00	1.00	0.800	1.00	0.04	00.00	0.001	1.211	0.00
0:	00	0.99	0.800	0.99	0.09	00.00	0.000	0.046	0.00
0:	00	1.00	0.800	1.00	40.58	41.70	0.544	0.113	4.83
0:	00	1.00	0.800	1.00	40.00	40.00	1.000	1.000	1.00
0:	00	1.00	0.800	1.00	0.06	00.00	0.000	0.098	0.00
0:	00	1.00	0.800	1.00	0.36	00.00	0.001	0.087	0.01
0:	00	1.00	0.800	1.00	0.62	00.00	0.004	0.290	0.01

005209

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
58	19:57	1.00	0.956	1.00	0.05	50.00	0.000	0.220	0.00
59	20:14		0.963			50.00		0.282	
60	20:44	1.00	0.987	1.00	0.88	50.00	0.002	0.136	0.02
61	21:04	1.00	1.003	1.00	0.37	50.00	0.009	1.161	0.01
62	21:10	1.00	1.000	1.00	0.23	50.00	0.004	0.805	0.00
63	22:05	1.00	1.092	1.00	0.40	50.00	0.011	1.400	0.01
64	22:44	1.00	1.149	1.00	0.14	50.00	0.003	0.958	0.00
65	23:05	1.00	1.000	1.00	40.00	50.00	1.000	1.000	1.00
66	23:15	1.00	0.905	1.00	3.54	50.00	0.224	1.314	0.17
67	23:42	1.00	0.885	1.00	0.21	50.00	0.011	2.724	0.00
68	23:55		0.924			50.00		0.001	
69	24:45	1.00	0.960	1.00	0.14	50.00	0.005	1.779	0.00
70	27:49	1.00	0.999	1.00	0.53	50.00	0.013	1.207	0.01
71	27:56	1.00	1.003	1.00	0.52	50.00	0.013	1.222	0.01
72	28:06	0.99	1.002	1.00	0.05	50.00	0.000	0.222	0.00
73	28:21	1.00	1.010	1.00	0.72	50.00	0.026	1.775	0.01
74	30:11	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
75	30:03	1.00	0.934	1.00	0.16	50.00	0.017	5.212	0.00
76	30:51	1.00	0.959	1.00	0.33	100.00	0.007	2.029	0.00
77	31:06	1.00	0.993	1.00	0.37	50.00	0.009	1.232	0.01
78	31:01		1.160			50.00		1.231	
79	31:07		1.160			50.00		0.959	
80	31:54		1.209			50.00		1.412	

005210

PIC + MASS CHROMATOGRAMS

DATA: S593001A #1

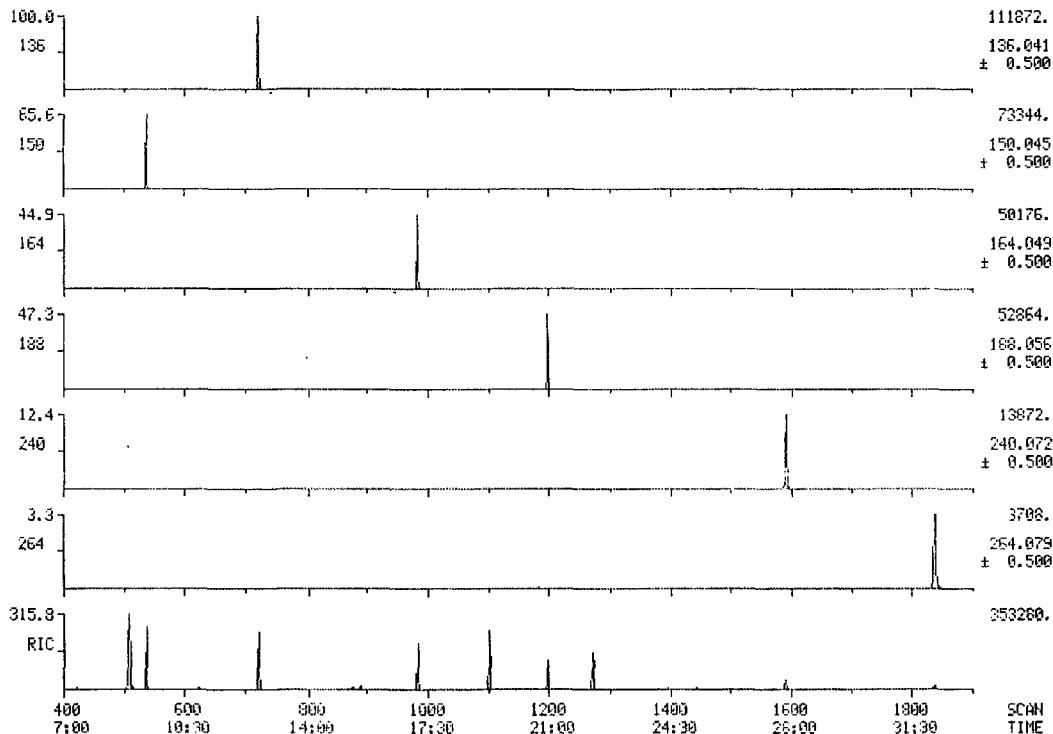
SCANS 499 TO 1900

12-18/84 9:47:00

COLI: FC434 #22

SAMPLE: 1396F-01, 500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6. 2.0 BASE: U 30, 4

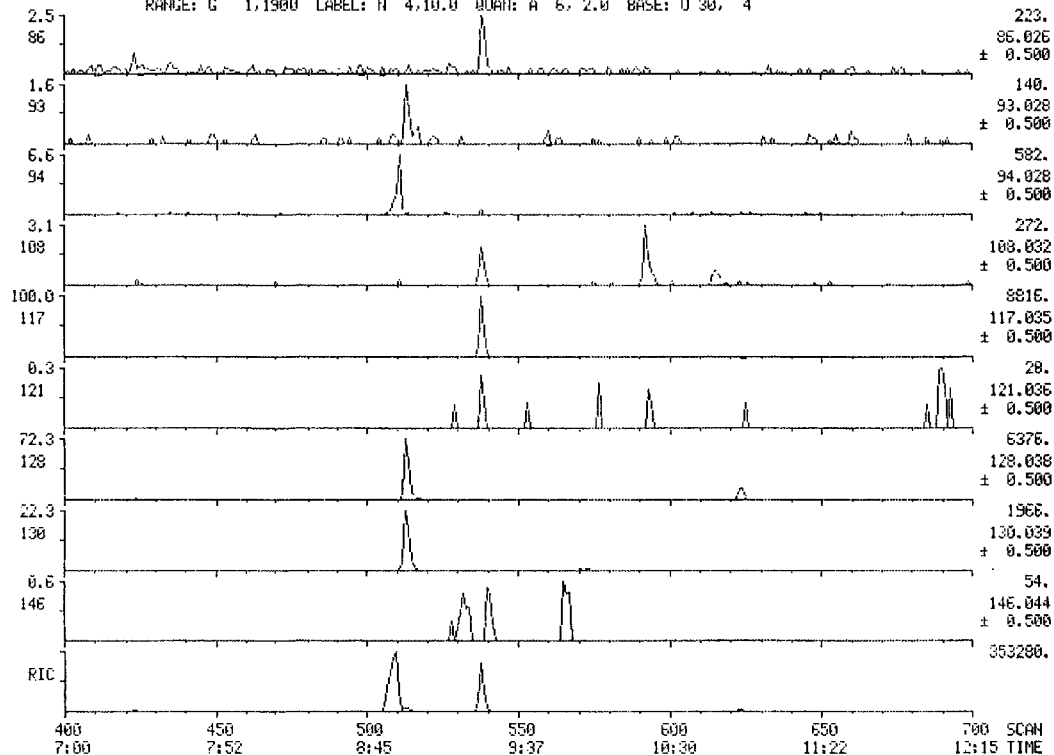


005211

RIC + MASS CHROMATOGRAMS
12/18/84 9:47:00
SAMPLE: 1336F-01.500ML/ML
RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4

DATA: S553001A #1
CALI: FC434 #22

SCANIS 400 TO 700

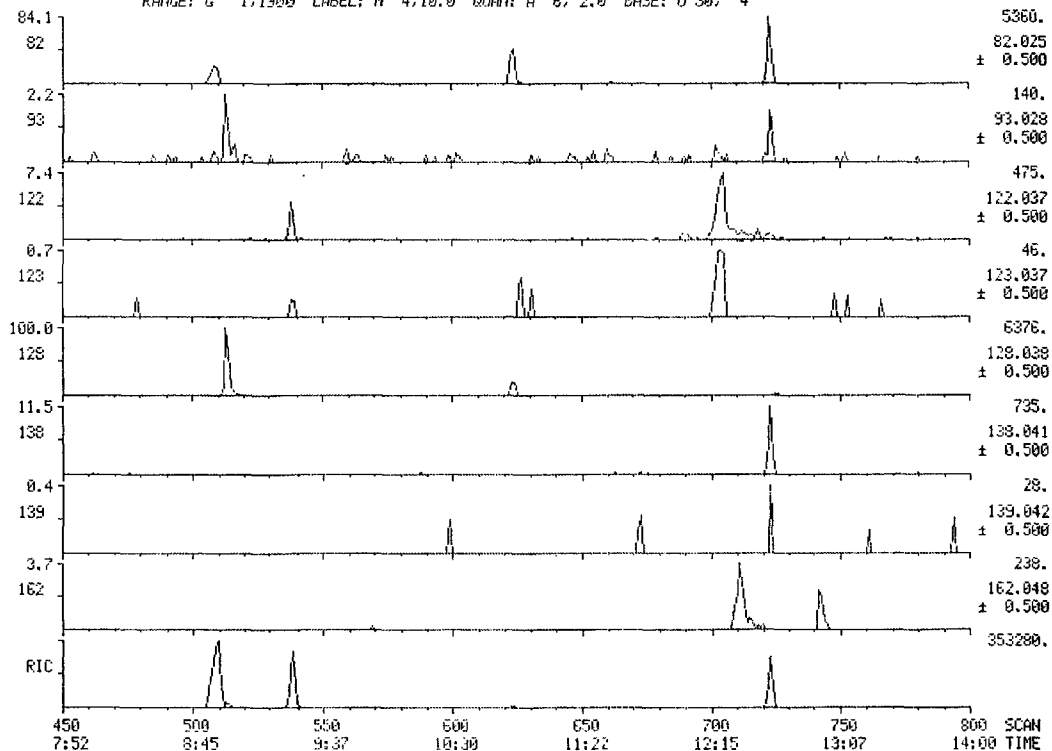


005212

RIC + MASS CHROMATOGRAMS
12/18/84 9:47:00
SAMPLE: 1396F-01,500ML/ML
RANGE: G 1,1900 LABEL: N 4,10.0 QUIN: A 5, 2.0 BASE: U 30, 4

DATA: SSS3001A #1
CALI: FC434 #22

SCANS 450 TO 800



005213

PIC + MASS CHROMATOGRAMS

12/18/84 9:47:00

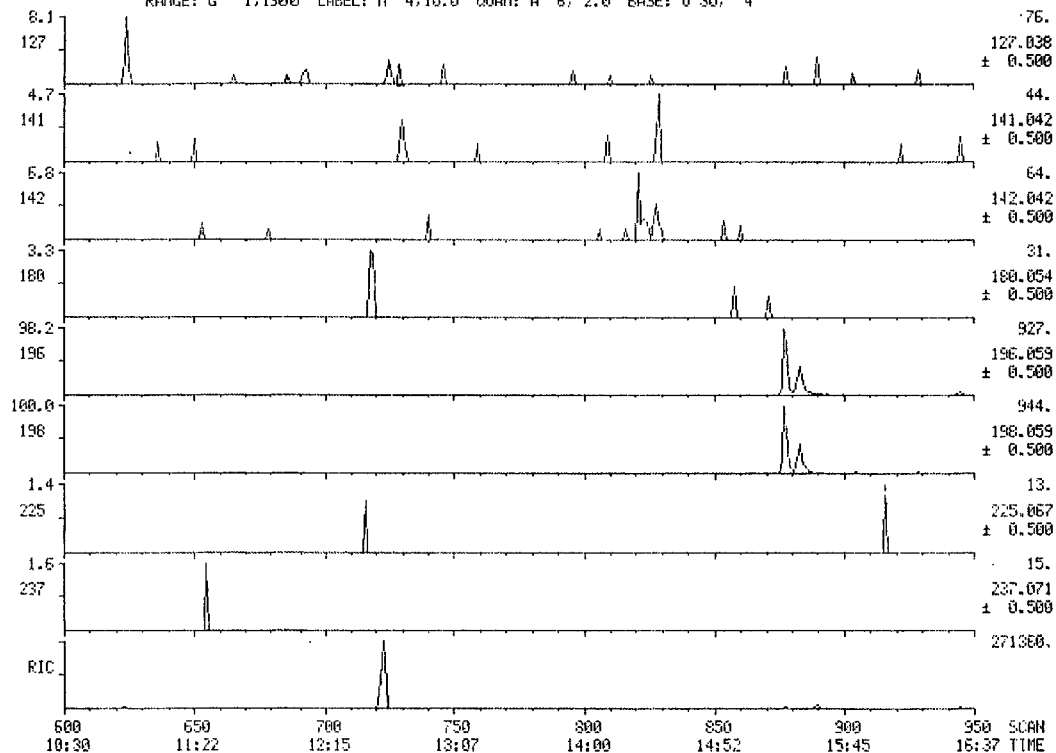
SAMPLE: 1396F-01, 500ML/MIL

RANGE: G 1,1900 LABEL: H 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4

Data: S553001A #1

Cell: FC434 #22

SCANS 600 TO 950

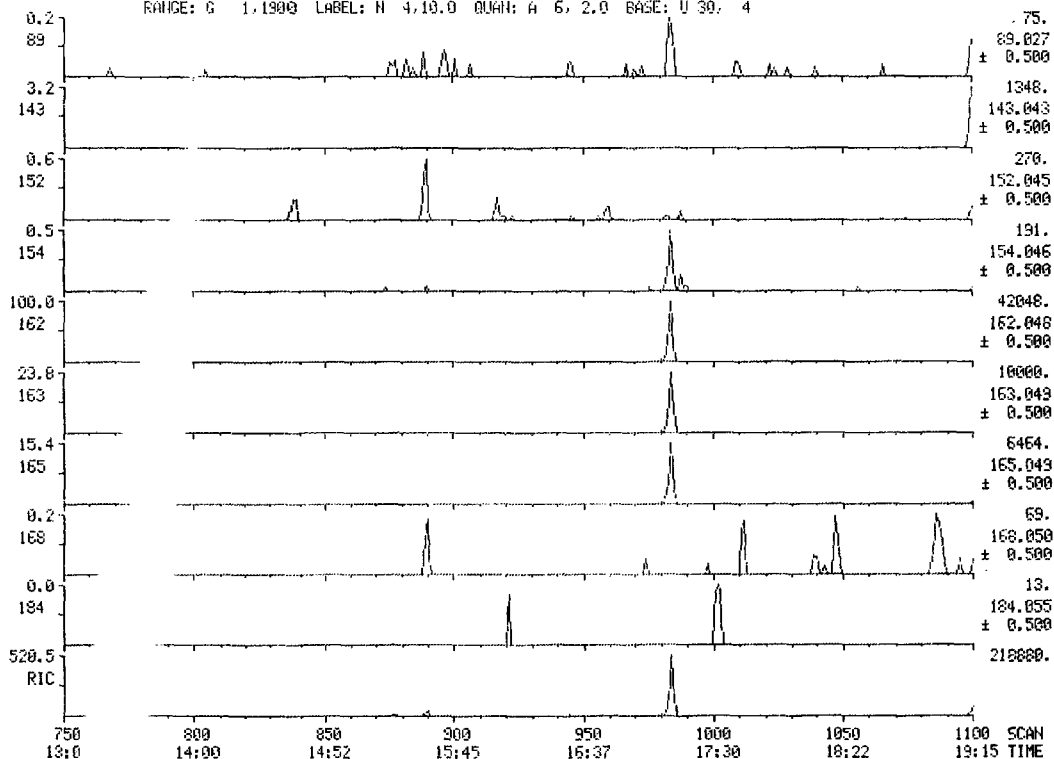


005214

PIC + MASS CHROMATOGRAMS
12/18/81 8:47:08
SAMPLE: 1396F-01, 500ML NL
RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 8553001A #1
CHLI: FC434 #22

SCAN: 750 TO 1100



005215

912500

RIC + MASS CHROMATOGRAMS

12/18/84 9:47:00

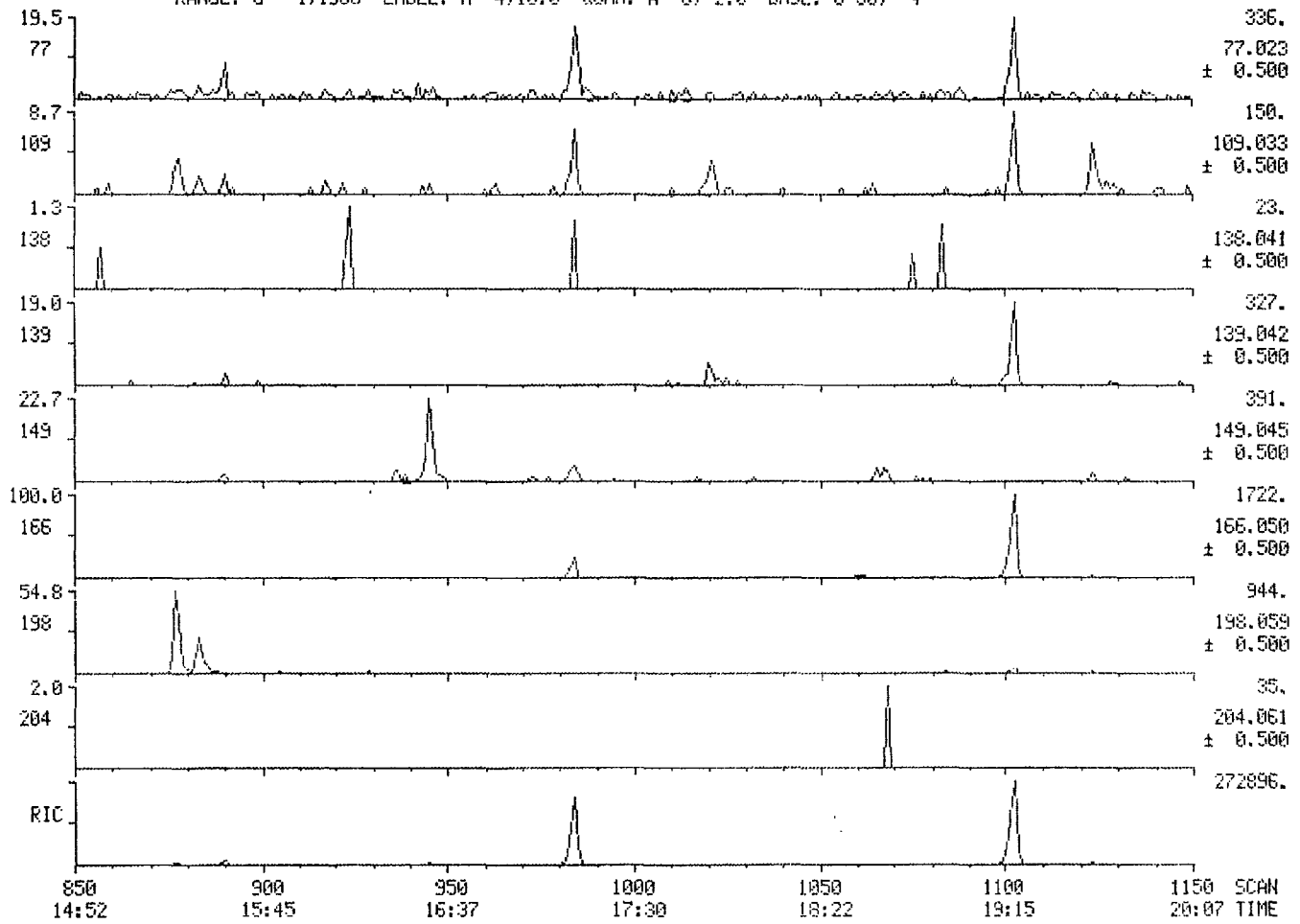
SAMPLE: 1396F-01,500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 9553001A #1

CALL: FC134 #22

SCANS 850 TO 1150



112500

RIC + MASS CHROMATOGRAMS

DATA: S553001A #1

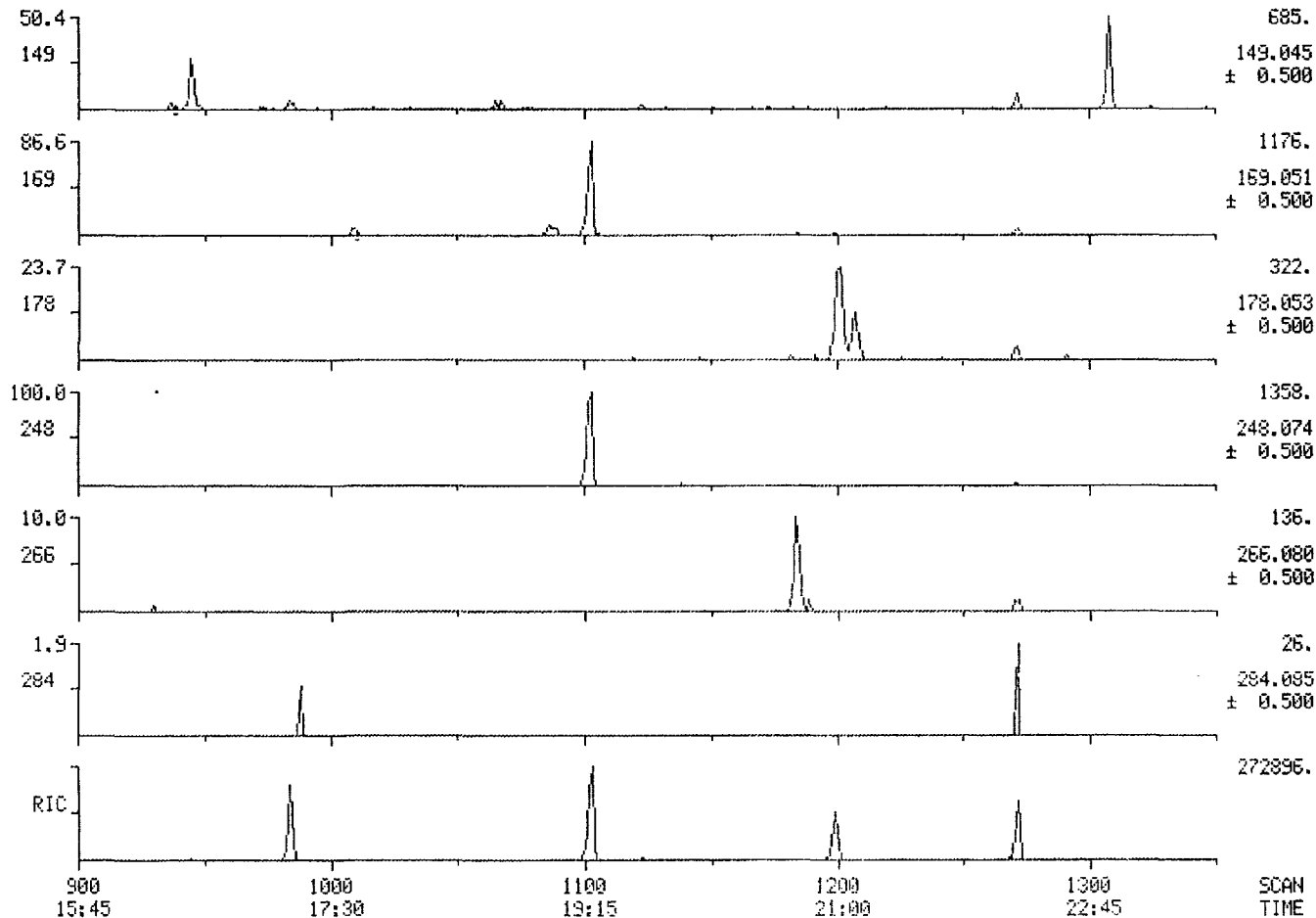
SCANS 900 TO 1350

12/18/84 9:47:00

CALI: FC434 #22

SAMPLE: 1396F-01,500ML/ML

RANGE: G 1.1900 LABEL: N 4,10.0 QUAN: A 5, 2.0 BASE: U 30, 4



812500

RIC + MASS CHROMATOGRAMS

DATA: S553001A #1

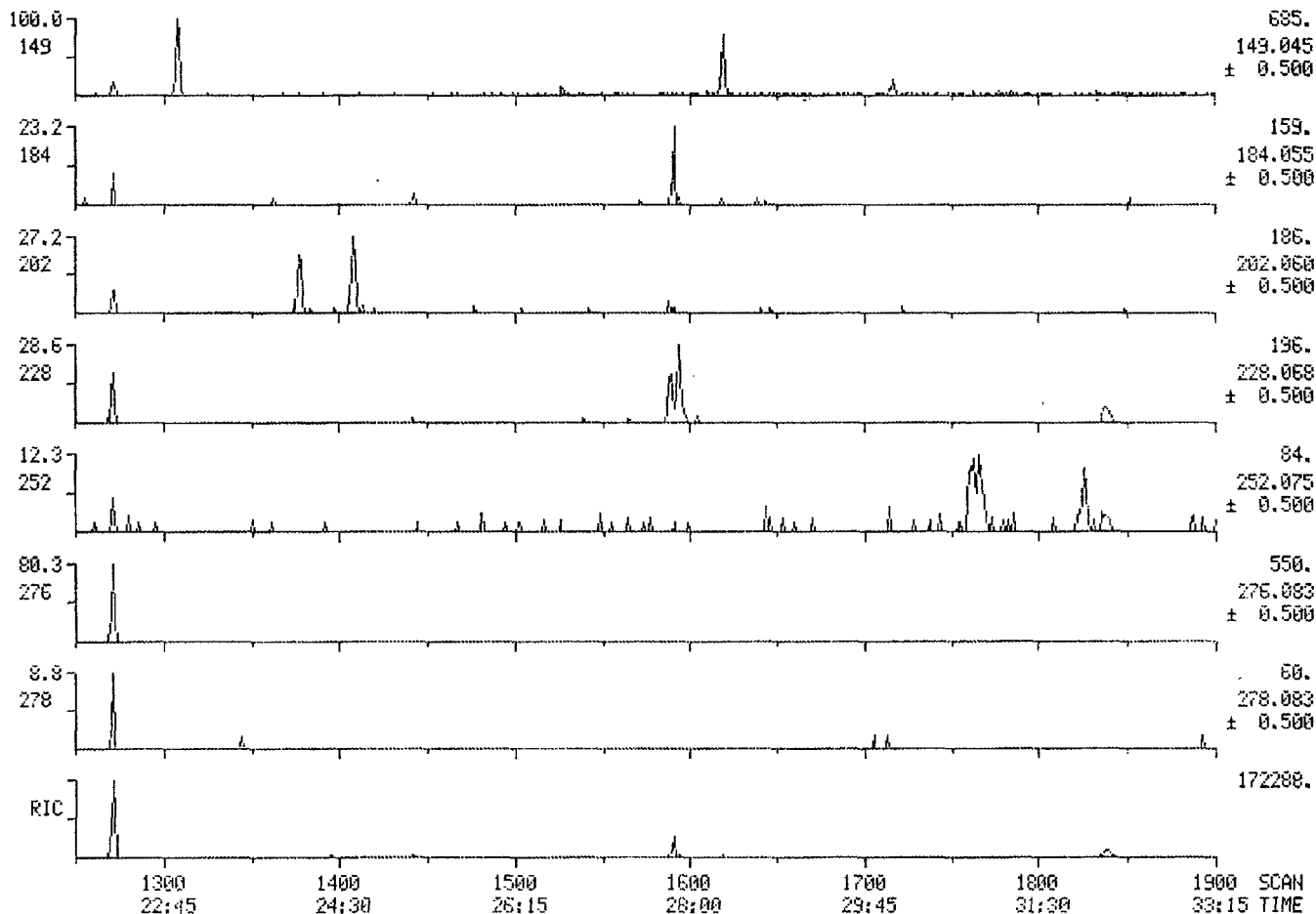
SCANS 1250 TO 1900

12/18/84 9:47:00

CALI: FC434 #22

SAMPLE: 1396F-01.500ML/ML

RANGE: G 1,1900 LABEL: N 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4



612500

RIC + MASS CHROMATOGRAMS

12/18/84 9:47:00

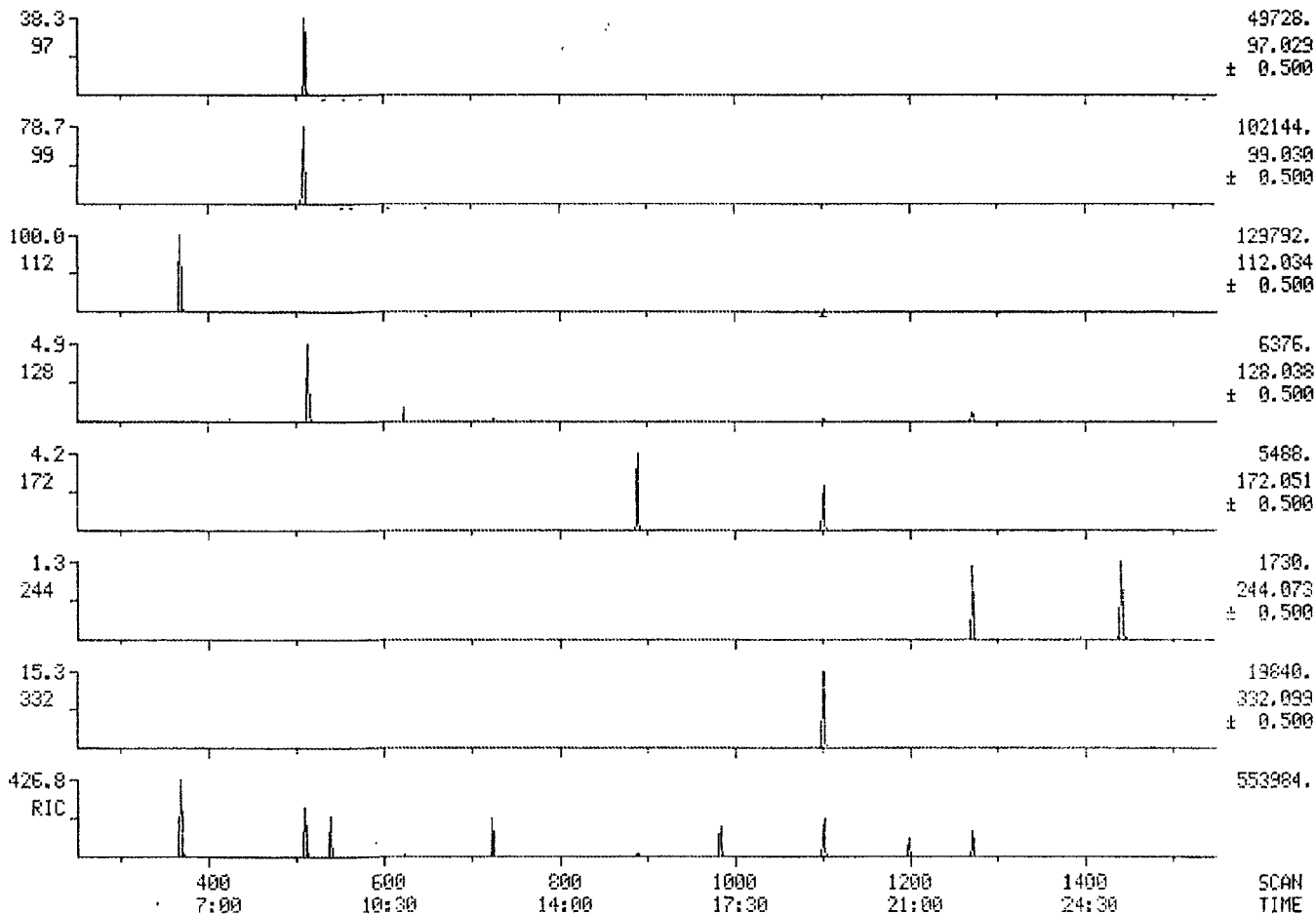
SAMPLE: 1396F-01.500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: S553001A #1

CALI: FC434 #22

SCANS 250 TO 1550



022500

RIC

DATA: S55001A #1

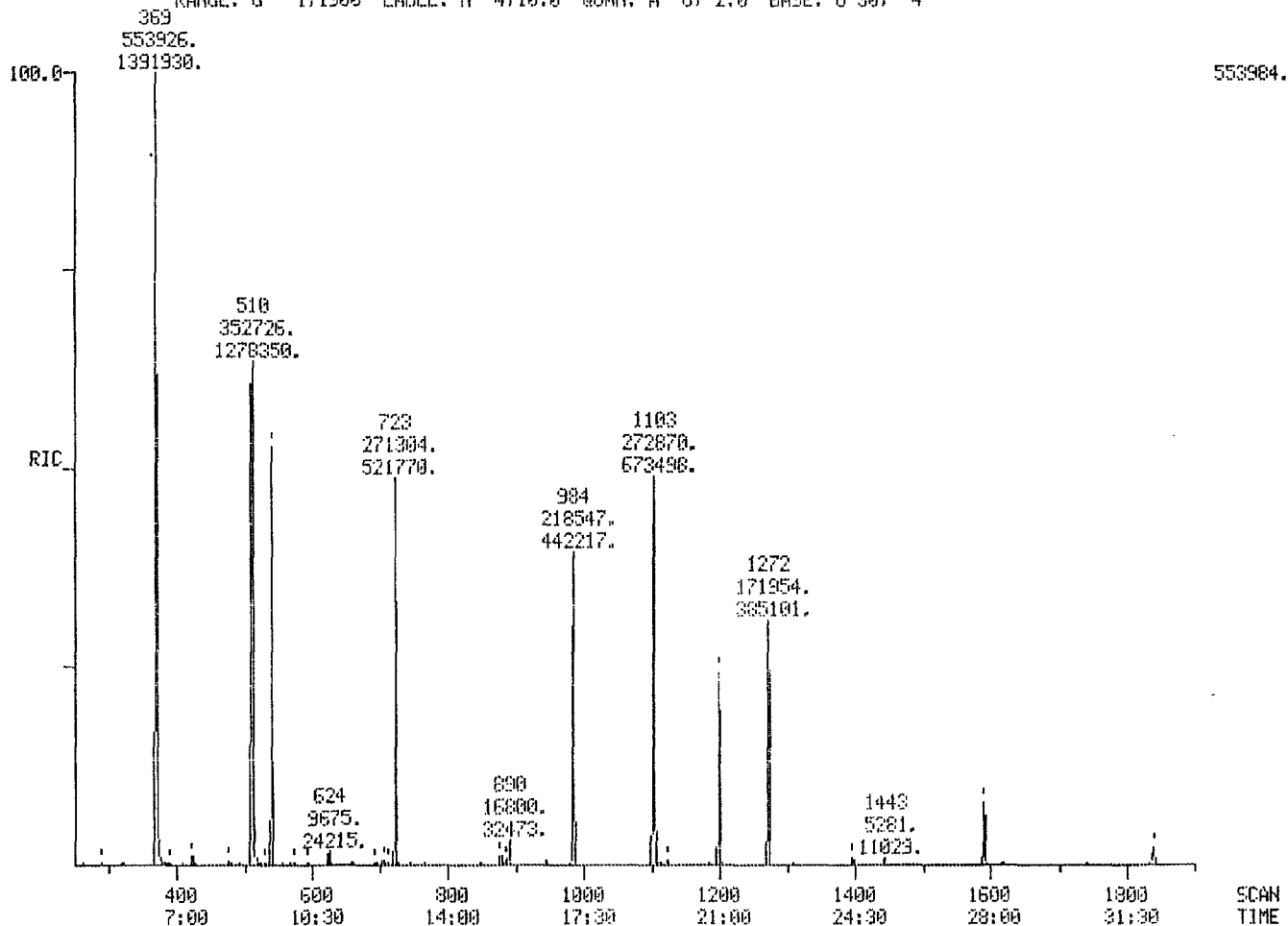
SCANS 250 TO 1500

12/19/84 9:47:00

CALI: FC434 #22

SAMPLE: 1396F-01,500ML/ML

RANGE: G 1,1900 LABEL: N 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4

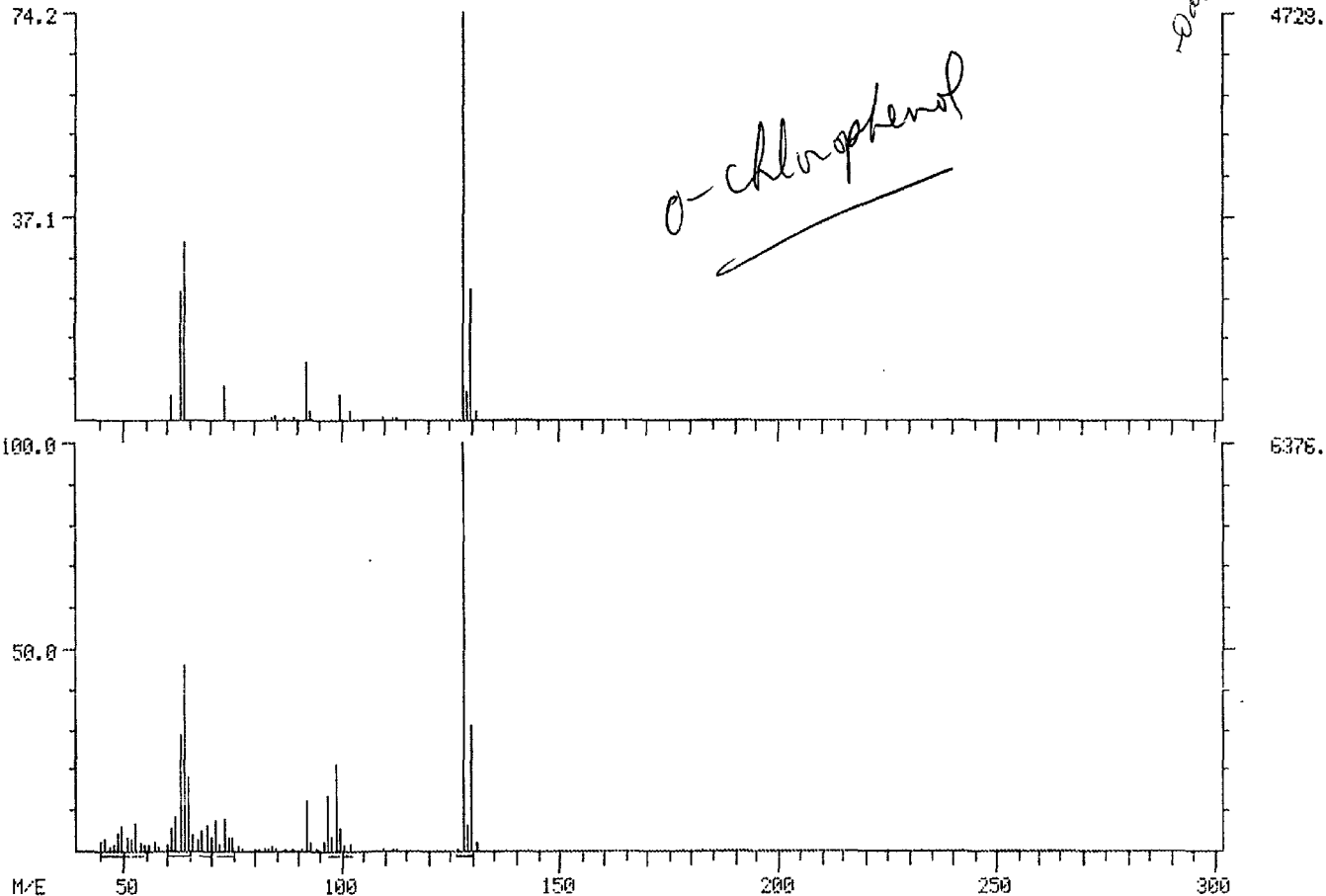


122500

DUAL MASS SPECTRUM
12/18/84 9:47:00 + 8:59
SAMPLE: 1396F-01.500ML/ML
ENHANCED (S 15B 2N 0T)

DATA: 9553001A #513
CALI: FD434 #22

BASE N-E: 128/ 128
RIG: 12335./ 25015.

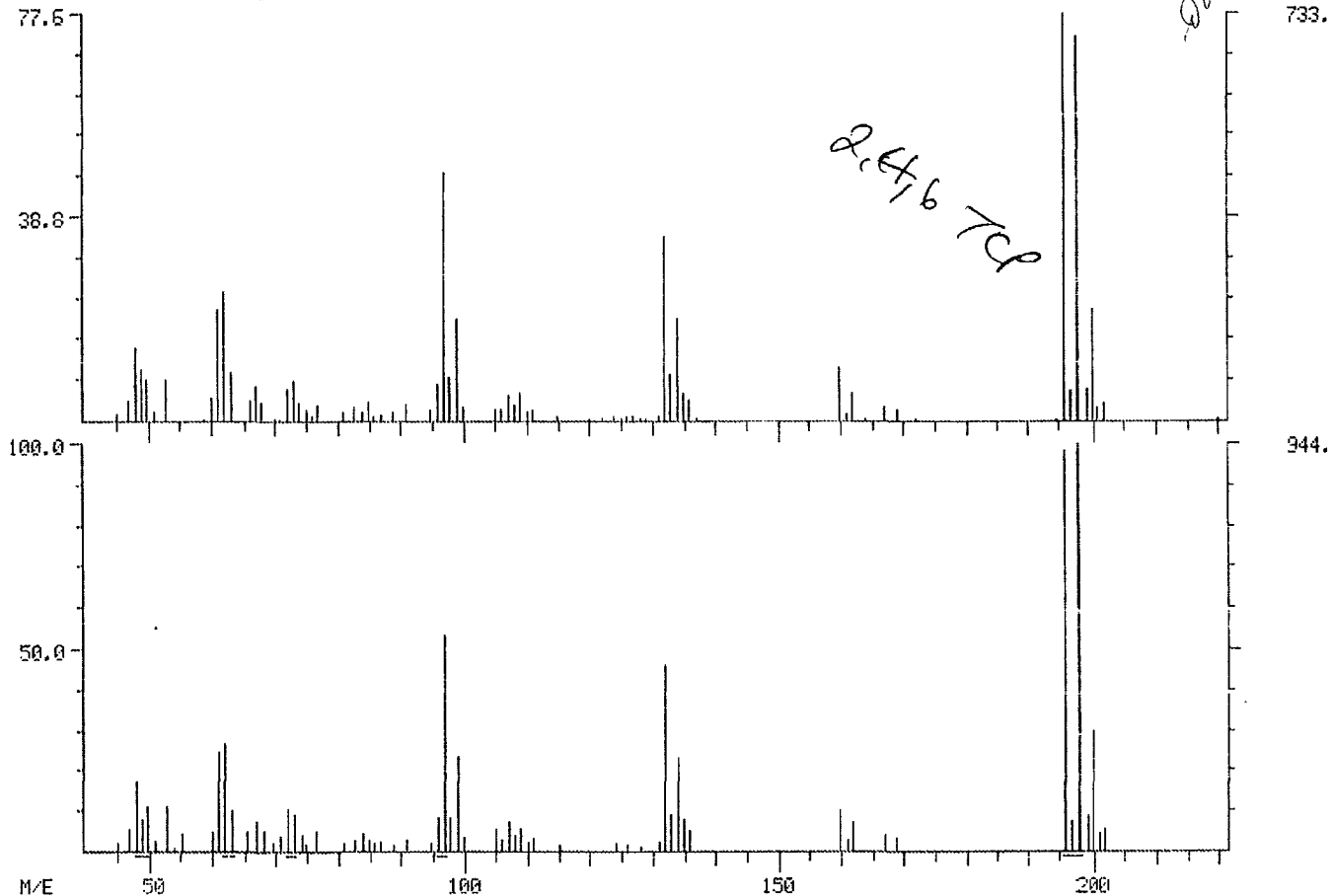


005222

DUAL MASS SPECTRUM
12/18/84 9:47:00 + 15:21
SAMPLE: 1396F-01,500ML/ML
ENHANCED (S 158 2N 0T)

DATA: 5553001A #877
CALI: FC434 #22

BASE M/E: 196/198
RIC: 5327.7 6783.

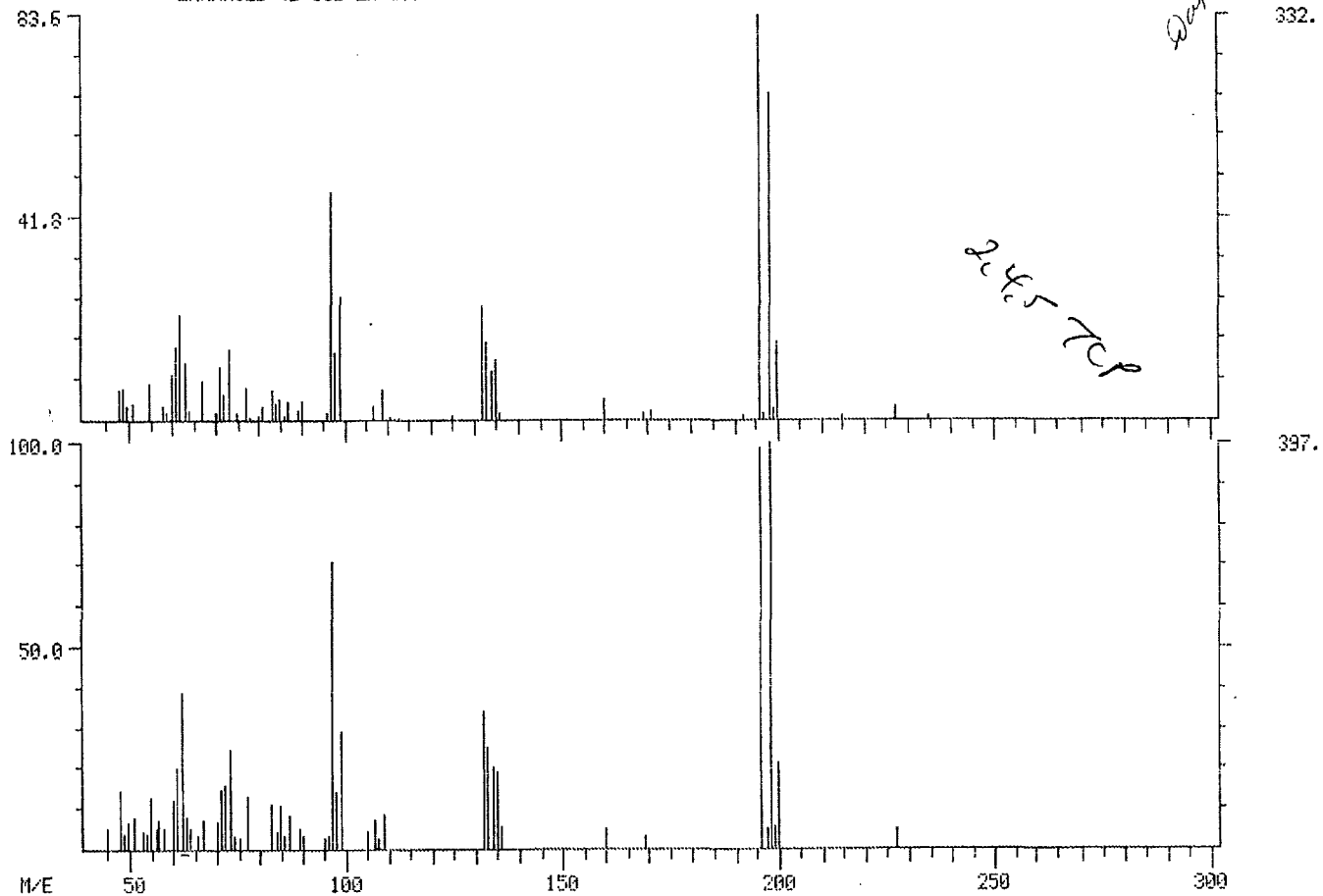


002225

DUAL MASS SPECTRUM
12/18/84 9:47:00 + 15:27
SAMPLE: 1396F-01.500ML/ML
ENHANCED (S 15B 2N 0T)

DATA: S553001A #883
CALI: FC434 #22

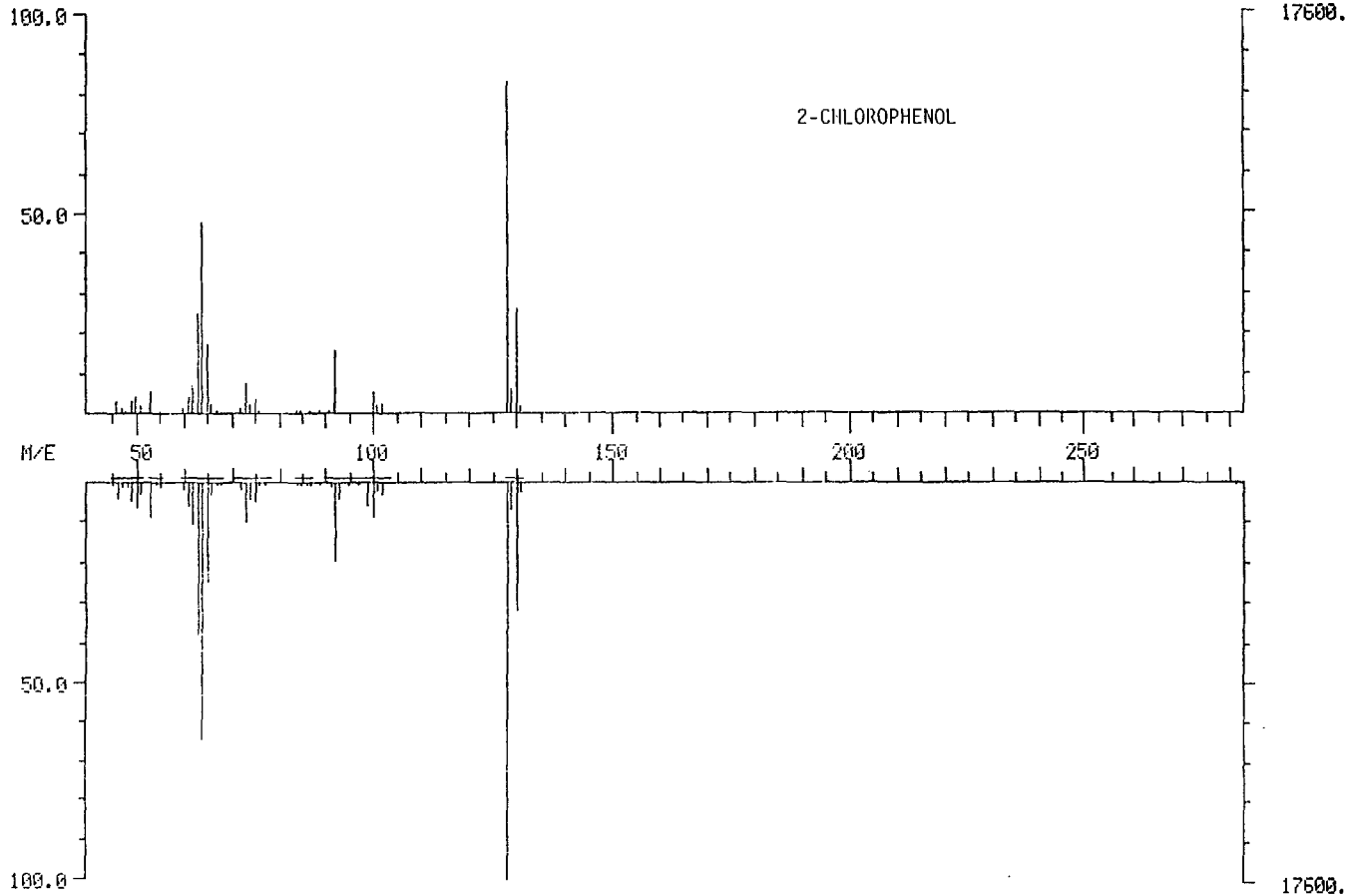
BASE M/E: 196 198
RIC: 2063.7 3171.



72200
DUAL MASS SPECTRUM
09/16/93 7:05:00 + 8:40
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 15B 2N 0T)

DATA: K40916 #495
CALL: FC43 #15

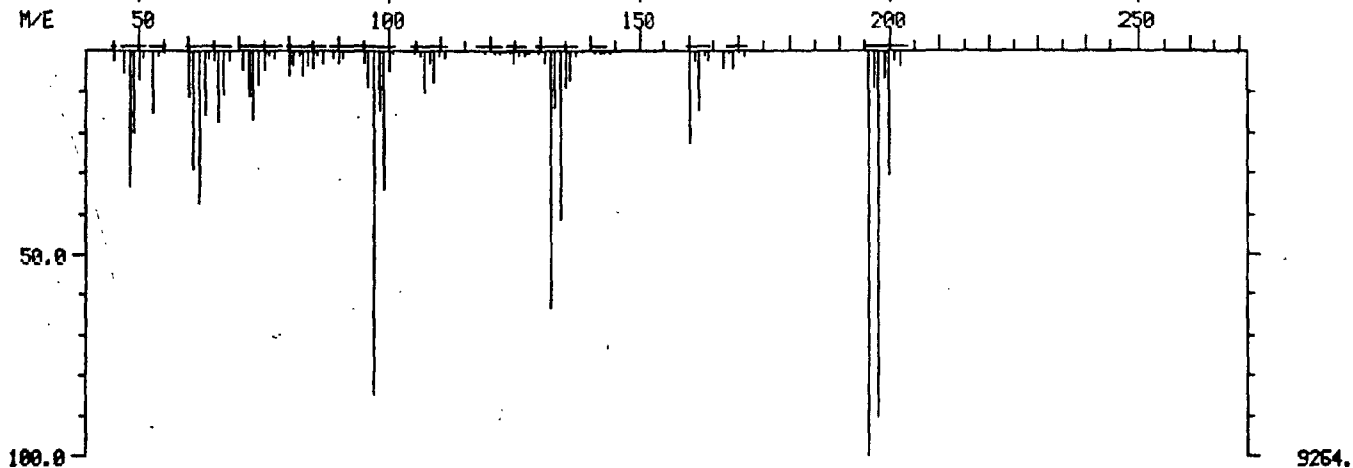
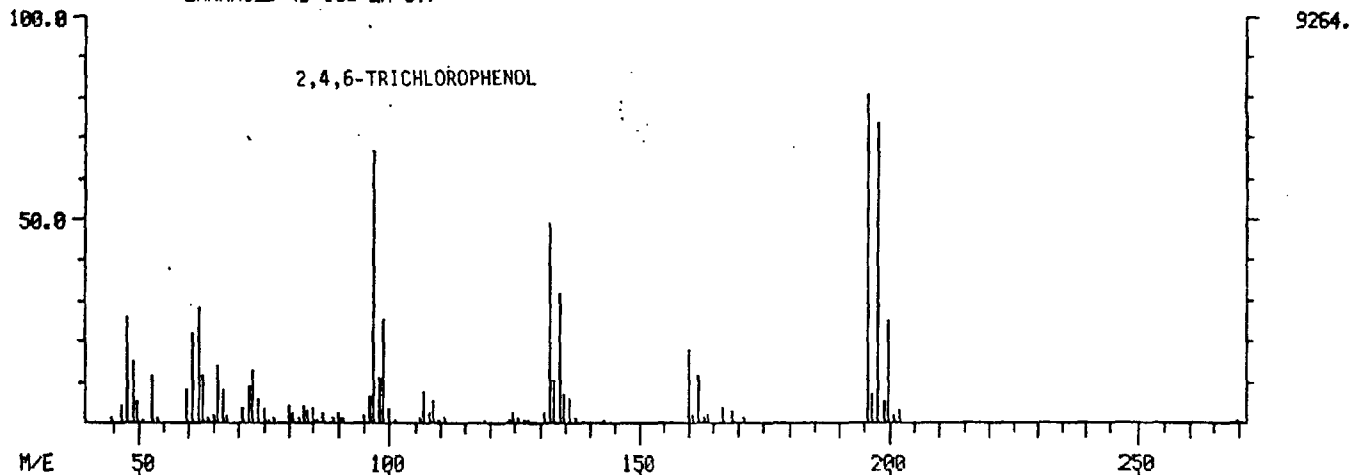
BASE M/E: 128/ 128
RIC: 49855.7 69375.



522500
DUAL MASS SPECTRUM
09/16/83 7:05:00 + 14:58
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #855
CALI: FC43 #15

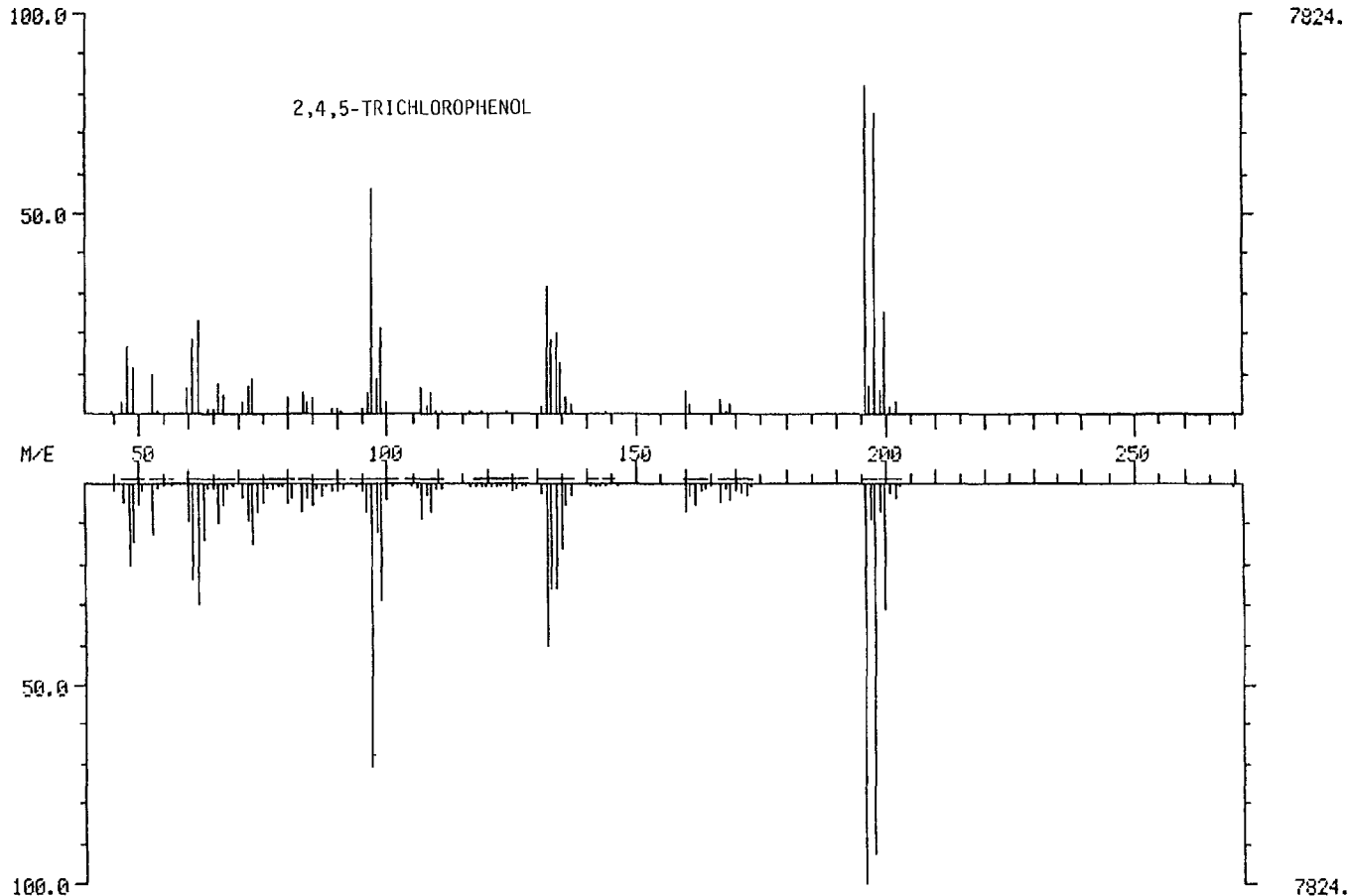
BASE M/E: 196/ 196
RIC: 65279./ 84735.



922500
DUAL MASS SPECTRUM
09/16/83 7:05:00 + 15:09
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #866
CALI: FC43 #15

BASE M/E: 196/ 196
RIC: 43775./ 61951.



Std. I.D.: L 41218
 Date Injected: 12/18/84
 Date Extracted: _____

Sample I.D.: SS530-ms
1396F-01 Matrix Spike
 Conc. factor (wet wt.): _____
 Conc. factor (dry wt.): _____

Detweiler

Signatures of persons reporting data

SEMI-VOLATILES (ABN)

EPAN NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
964	D4-1,4-DICHLOROBENZENE	1.000	538	150	123947	40	_____
982	2-FLUOROPHENOL	0.693	367	112	393046	153	_____
61	N-NITROSODIMETHYLAMINE	0.440	_____	74	_____	_____	_____
C5	ANILINE	0.885	_____	93	_____	_____	_____
983	PHENOL-D5	0.946	510	99	398300	136	_____
65	PHENOL	0.947	512	94	229097	78	_____
18	BIS(2-CHLOROETHYL)ETHER	0.959	_____	93	_____	_____	_____
24	2-CHLOROPHENOL	0.954	514	128	232257	97	_____
26	1,3-DICHLOROBENZENE	0.987	_____	146	_____	_____	_____
27	1,4-DICHLOROBENZENE	1.003	_____	146	_____	_____	_____
25	1,2-DICHLOROBENZENE	1.050	_____	146	_____	_____	_____
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096	_____	121	_____	_____	_____
12	HEXACHLOROETHANE	1.126	_____	117	_____	_____	_____
C6	BENZYL ALCOHOL	0.791	_____	108	_____	_____	_____
63	N-NITROSODI-N-PROPYLAMINE	0.855	_____	130	_____	_____	_____
C2	2-METHYLPHENOL	0.828	_____	108	_____	_____	_____
C3	4-METHYLPHENOL	0.854	_____	108	_____	_____	_____
987	NAPHTHALENE-D8	1.000	724	136	226385	40	_____
988	NITROBENZENE-D5	0.872	_____	128	_____	_____	_____
56	NITROBENZENE	0.875	_____	123	_____	_____	_____
54	ISOPHORONE	0.920	_____	82	_____	_____	_____
57	2-NITROPHENOL	0.935	_____	139	_____	_____	_____
34	2,4-DIMETHYLPHENOL	0.953	_____	122	_____	_____	_____
43	BIS(2-CHLOROETHOXY)METHANE	0.970	_____	93	_____	_____	_____
31	2,4-DICHLOROPHENOL	0.982	709	162	144911	87	_____
C1	BENZOIC ACID	0.982	_____	122	_____	_____	_____

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Q. Taylor

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	ABLA	QUAN LIST	ug/L or ug/kg
8	1,2,4-TRICHLOROBENZENE	0.993	—	186	—	—	—
55	NAPHTHALENE	1.004	—	128	—	—	—
C7	4-CHLOROANILINE	1.030	—	127	—	—	—
52	HEXACHLOROBUTADIENE	1.042	—	225	—	—	—
22	4-CHLORO-3-METHYLPHENOL	1.127	<u>822</u>	144	<u>40384</u>	<u>88</u>	—
C9	2-METHYLNAPHTHALENE	1.144	—	142	—	—	—
957	ACENAPHTHENE-D10	1.000	<u>984</u>	164	<u>104628</u>	<u>40</u>	—
53	HEXACHLOROCYCLOPENTADIENE	1.183	—	237	—	—	—
21	2,4,6-TRICHLOROPHENOL	1.201	<u>877</u>	196	<u>93622</u>	<u>105</u>	—
976	2-FLUOROETHYPHENYL	1.217	<u>890</u>	172	<u>6844</u>	<u>1.9</u>	—
C4	2,4,5-TRICHLOROPHENOL	1.219	<u>884</u>	198	<u>2325</u>	<u>2.5</u>	—
20	2-CHLORONAPHTHALENE	1.230	—	162	—	—	—
C10	2-NITROANILINE	1.234	—	138	—	—	—
77	ACENAPHTHYLENE	1.309	—	152	—	—	—
71	DIMETHYL PHTHALATE	1.308	—	163	—	—	—
36	2,6-DINITROTOLUENE	1.320	—	165	—	—	—
1	ACENAPHTHENE	0.822	—	154	—	—	—
59	2,4-DINITROPHENOL	0.834	—	184	—	—	—
C8	DIBENZOFURAN	0.843	—	168	—	—	—
35	2,4-DINITROTOLUENE	0.851	—	89	—	—	—
58	4-NITROPHENOL	0.854	<u>1020</u>	109	<u>15103</u>	<u>65</u>	—
C11	3-NITROANILINE	0.857	—	138	—	—	—
80	FLUORENE	0.882	—	166	—	—	—
40	4-CHLOROPHENYL ETHER	0.885	—	204	—	—	—
70	DIETHYL PHTHALATE	0.887	—	149	—	—	—
C12	4-NITROANILINE	0.904	—	138	—	—	—
955	2,4,6-TRIBROMOPHENOL	1.120	<u>1103</u>	332	<u>65969</u>	<u>214</u>	—

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Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RR1	SCAN NO.	ION TO QUANT	AREA	QUAN LIST	ug/L or ug/g
962	PHENANTHRENE-D10	1.000	<u>1200</u>	188	<u>12047</u>	<u>40</u>	
60	4,6-DINITRO-O-CRESOL	0.900	---	198	---	---	---
37	1,2-DIPHENYLHYDRAZINE		---	77	---	---	---
62	DIPHENYLAMINE	0.901	---	169	---	---	---
41	4-BROMOPHENYL PHENYL ETHER	0.943	---	248	---	---	---
9	HEXACHLOROBENZENE	0.958	---	284	---	---	---
64	PENTACHLOROPHENOL	0.982	<u>1105</u>	266	<u>45931</u>	<u>112</u>	
81	PHENANTHRENE	0.997	---	178	---	---	---
78	ANTHRACENE	1.002	---	178	---	---	---
68	DI-N-BUTYL PHTHALATE	1.081	---	149	---	---	---
39	FLUOROANTHENE	1.142	---	202	---	---	---
961	CHRYSENE-D12	1.000	<u>1591</u>	240	<u>25982</u>	<u>40</u>	
954	TERPHENYL-D14	1.201	---	244	---	---	---
84	PYRENE	1.169	---	202	---	---	---
5	BENZIDINE	0.886	---	184	---	---	---
67	BUTYL BENZYL PHTHALATE	0.955	---	149	---	---	---
72	BENZO(A)ANTHRACENE	0.998	---	228	---	---	---
76	CHRYSENE	1.003	---	228	---	---	---
28	3,3'-DICHLOROBENZIDINE	1.002	---	252	---	---	---
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019	---	149	---	---	---
952	PERYLENE-D12	1.000	<u>1030</u>	264	<u>11250</u>	<u>40</u>	
69	DI-N-OCTYL PHTHALATE	1.104	---	149	---	---	---
74	3,4-BENZOFLUOROANTHENE AND/OR BENZO(K)FLUORANTHENE		---	252	---	---	---
75			---				
73	BENZO(A)PYRENE	1.004	---	252	---	---	---
83	INDENO(1,2,3-CD)PYRENE		---	276	---	---	---
82	DIBENZO(A,H)ANTHRACENE	1.259	---	278	---	---	---
79	BENZO(GHI)PERYLENE	1.317	---	276	---	---	---

005220

SYSTEM, SCIENCE + SOFTWARE DIAGNOSTICS

8553001MSA
 FC434
 12/18/84
 1376F-01MATRIX SPIKE, 500ML/2ML
 F4

NO	LIB	ID	M/E	SCAN	FREQ	DELTA	FIT	PUR	MATCH	AREA
1	LL	964:	130	538	539	1	994	777	96.	123946.
2	LL	982:	112	367	368	1	992	880	100.	393043.
3	LL	61:	74	---	99	NO PEAKS FOUND				
4	LL	63:	93	505	501	-4	656	22	41.	10.
				-497		4	639	33	41.	
				-508		1	643	12	40.	
5	LL	923:	99	510	509	-1	991	855	100.	398299.
6	LL	65:	54	512	511	-1	978	599	86.	229097.
7	LL	18:	93	514	516	-2	450	184	39.	5163.
				-523		-7	594	139	38.	
				-512		4	355	166	34.	
8	LL	24:	128	514	513	-1	923	764	92.	237256.
9	LL	26:	146	540	532	-8	735	351	46.	2990.
				-532		0	414	54	31.	
10	LL	27:	146	540	540	0	729	359	62.	2990.
11	LL	25:	146	566	566	0	544	80	40.	106.
12	LL	42:	121	592	592	0	493	147	39.	19.
				-602		-10	542	150	25.	
				-582		10	434	121	21.	
13	LL	12:	117	615	608	-7	330	47	23	35.
				-605		3	209	22	19.	
				-600		8	141	12	12.	
14	LL	06:	108	573	569	-4	923	85	58.	28.
				-563		6	826	81	53.	
				-570		-1	760	91	50.	
15	LL	63:	130	612	614	-2	491	271	45.	444.
				-620		-6	384	138	34.	
				-623		-9	233	117	17.	
16	LL	02:	108	593	592	-1	762	282	70.	516.
				-598		-6	862	82	55.	
17	LL	03:	108	613	615	-3	789	101	52.	130.
				-618		0	783	107	52.	
18	LL	987:	136	724	724	0	951	799	95.	226384.
19	LL	988:	128	623	625	2	995	640	89.	2497.
20	LL	56:	123	622	628	6	813	62	51.	18.
				-627		1	725	57	47.	
				-635		-7	619	58	35.	
21	LL	54:	82	666	665	-1	585	59	40.	140.
				-671		-6	512	50	36.	
				-658		7	530	26	30.	
22	LL	57:	139	674	674	0	728	172	52	75.
				-665		9	683	153	33.	
23	LL	34:	122	691	691	0	813	316	64.	139.
				-689		2	661	127	47.	
24	LL	43:	93	705	705	0	864	57	54.	19.
				-700		5	500	36	34.	
				-709		-4	427	68	32.	
25	LL	31:	162	709	710	1	975	618	87.	144910.
26	LL	01:	122	715	719	4	767	64	49.	14.
				-724		-5	664	6	41.	
				-727		-8	842	87	40.	
27	LL	8:	180	719	720	1	973	443	78.	1823.
28	LL	55:	128	724	727	3	973	174	65.	107.
				-730		-3	723	47	46.	
29	LL	07:	127	749	745	-4	503	84	37.	27.
				-744		1	242	47	22.	
				-753		-8	328	37	19.	
30	LL	52:	225	---	757	NO PEAKS FOUND				
31	LL	22:	144	822	822	0	996	770	96.	40383.
32	LL	09:	142	835	829	-5	841	60	54.	213.
				-831		-2	755	101	50.	
				-822		7	808	165	48.	
33	LL	957:	164	984	985	1	998	724	94.	109627.
34	LL	53:	237	---	863	NO PEAKS FOUND				
35	LL	21:	196	879	878	-1	963	729	92.	93622.
				-884		-6	958	656	88.	
36	LL	976:	172	890	890	0	956	637	87.	6843.
37	LL	04:	196	879	882	3	985	527	83.	93628.
				-884		-2	987	465	80.	
38	LL	20:	162	899	899	0	652	41	42.	97.
				-892		7	694	15	37.	
				-901		-2	519	21	34.	

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40	LL	71:	163	961	962	1	818	53	51.	25.
41	LL	36:	165	972	971	3	629	18	40.	
42	LL	36:	165	972	971	-1	345	54	27.	22.
43	LL	1:	154	988	989	-3	317	51	26.	
44	LL	59:	184	988	1002	-8	373	51	22.	
45	LL	38:	168	1012	1012	1	988	595	87.	3115.
46	LL	35:	89	1026	1026	NO	NO	NO	NO	NO
47	LL	58:	109	1020	1020	0	761	91	50.	18.
48	LL	C11:	138	983	985	0	923	260	67.	485.
49	LL	80:	166	1063	1063	-3	606	60	41.	
50	LL	40:	204	1068	1068	0	424	286	43.	15102.
51	LL	70:	149	1068	1068	-7	504	238	38.	
52	LL	C12:	138	1073	1082	-9	642	217	34.	
53	LL	955:	332	1103	1101	2	229	13	20.	10.
54	LL	962:	188	1200	1200	-11	308	10	13.	
55	LL	60:	198	1084	1084	0	793	135	54.	3H.
56	LL	37:	77	1088	1089	NO	NO	NO	NO	NO
57	LL	62:	169	1087	1089	0	844	136	56.	139.
58	LL	41:	248	1132	1140	-8	625	17	30.	
59	LL	9:	284	1156	1156	9	697	92	31.	11.
60	LL	64:	266	1185	1185	-3	972	731	93.	65968.
61	LL	81:	178	1209	1204	0	973	638	68.	120146.
62	LL	78:	178	1209	1210	-6	907	274	67.	
63	LL	68:	149	1309	1310	NO	NO	NO	NO	NO
64	LL	39:	202	1378	1379	3	847	148	57.	117.
65	LL	961:	240	1591	1592	1	778	108	52.	
66	LL	954:	244	1443	1442	-6	711	76	47.	
67	LL	84:	282	1409	1410	0	955	232	67.	349.
68	LL	5:	184	1470	1470	8	431	20	23.	9.
69	LL	67:	149	1527	1528	NO	NO	NO	NO	NO
70	LL	72:	228	1588	1589	0	963	651	88.	45930.
71	LL	76:	228	1594	1595	-6	925	537	81.	
72	LL	28:	252	1595	1595	-3	918	158	61.	263.
73	LL	66:	149	1619	1619	0	990	80	61.	
74	LL	952:	264	1838	1839	1	918	158	61.	263.
75	LL	69:	149	1716	1716	-3	600	14	38.	
76	LL	74:	252	1766	1762	1	992	600	87.	4737.
77	LL	73:	252	1826	1826	1	958	248	68.	201.
PREDICTED	SCAN	#	OUTSIDE	LIMITS						
78	LL	83:	276	---	2133	NO	NO	NO	NO	NO
PREDICTED	SCAN	#	OUTSIDE	LIMITS						
79	LL	82:	278	---	2147	NO	NO	NO	NO	NO
PREDICTED	SCAN	#	OUTSIDE	LIMITS						
80	LL	79:	276	---	2222	NO	NO	NO	NO	NO

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QUANTITATION REPORT FILE: S553001MSA

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

NO	NAME
1	964: D4-1, 4-DICHLOROBENZENE (Q 150)
2	982: 2-FLUOROPHENOL (Q 112)
3	61: N-NITROSDIMETHYLAMINE (Q74, R10:2:9)
4	C5: ANILINE (Q 93)
5	983: D5-PHENOL (Q99, R4:10)
6	65: PHENOL (Q94, R2:2:10)
7	19: BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24: 2-CHLOROPHENOL (Q128, R5:10:3)
9	26: 1,3-DICHLOROBENZENE (Q146, R1:10:6)
10	27: 1,4-DICHLOROBENZENE (Q146, R1:10:6)
11	25: 1,2-DICHLOROBENZENE (Q146, R1:10:6)
12	42: BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12: HEXACHLOROETHANE (Q117, R10:6:10)
14	C6: BENZYL ALCOHOL (Q 108)
15	63: N-NITROSDI-N-PROPYLAMINE (Q130, R6:1:2)
16	C2: 2-METHYLPHENOL (Q 108)
17	C3: 4-METHYLPHENOL (Q 108)
18	987: NAPHTHALENE-D8 (Q136)
19	988: NITROBENZENE-D5 (Q128)
20	56: NITROBENZENE (Q123, R1:5:10:5)
21	54: ISOPHORONE (Q82, R10:1:2)
22	57: 2-NITROPHENOL (Q139, R3:0:8:10)
23	34: 2,4-DIMETHYLPHENOL (Q122, R9:5:10)
24	43: BIS (2-CHLOROETHOXY) METHANE (Q93, R10:3:2)
25	31: 2,4-DICHLOROPHENOL (Q162, R6:10:6)
26	C1: BENZOIC ACID (Q 122)
27	8: 1,2,4-TRICHLOROBENZENE (Q180, R3:10:9)
28	55: NAPHTHALENE (Q128, R1:10:1)
29	C7: 4-CHLOROANILINE (Q 127)
30	52: HEXACHLOROBTADIENE (Q225, R6:10:6)
31	22: 4-CHLORO-3-METHYLPHENOL (Q 144)
32	C9: 2-METHYLNAPHTHALENE (Q 142)
33	957: D10-ACENAPHTHENE (Q164)
34	53: HEXACHLOROCCYCLOPENTADIENE (Q237, R6:10:1)
35	21: 2,4,6-TRICHLOROPHENOL (Q196, R10:9:3)
36	976: 2-FLUOROBIPHENYL (Q172, R1:5:2:4:10)
37	C4: 2,4,5-TRICHLOROPHENOL (Q 196)
38	20: 2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	C10: 2-NITROANILINE (Q 138)
40	77: ACENAPHTHYLENE (Q152, R2:10:2)
41	71: DIMETHYL PHTHALATE (Q163, R10:1:1)
42	36: 2,6-DINITROTOLUENE (Q165, R2:7:10)
43	1: ACENAPHTHENE (Q154, R5:10:10)
44	59: 2,4-DINITROPHENOL (Q184, R6:5:10)
45	C8: DIBENZOFURAN (Q 168)
46	35: 2,4-DINITROTOLUENE (Q89, R7:2:10)
47	58: 4-NITROPHENOL (Q109, R10:7:5)
48	C11: 3-NITROANILINE (Q 138)
49	80: FLUORENE (Q166, R8:10:1:4)
50	40: 4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70: DIETHYL PHTHALATE (Q149, R10:1:2)
52	C12: 4-NITROANILINE (Q 138)
53	955: 2,4,6-TRIBROMOPHENOL (Q332)

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NO	NAME
54	962: D10-PHENANTHRENE (Q 188)
55	60: 4,6-DINITRO-2-METHYLPHENOL (Q 198)
56	37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
57	62: N-NITROSODIPHENYLAMINE (Q169, R5:7:10)
58	41: 4-BROMOPHENYL PHENYL ETHER (Q248, R5:10:10)
59	9: HEXACHLOROBENZENE (Q284, R3:2:10)
60	64: PENTACHLOROPHENOL (Q266, R6:10:6)
61	81: PHENANTHRENE (Q 178)
62	78: ANTHRACENE (Q 178)
63	68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
64	39: FLUORANTHENE (Q202, R1:2:10)
65	961: D12-CHRYSENE (Q240)
66	954: D14-TERPHENYL (Q244)
67	84: PYRENE (Q202, R3:2:10)
68	5: BENZIDINE (Q194, R2:10:1)
69	67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
70	72: BENZO(A)ANTHRACENE (Q 228)
71	76: CHRYSENE (Q 228)
72	28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
73	66: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
74	952: D12-PERYLENE (Q 264)
75	69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
76	74: 3,4-BENZOFUORANTHENE 3/OF BENZO(K)FLUORANTHENE (Q252)
77	73: BENZO(A)PYRENE (Q252, R2:10:2)
78	83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
79	82: DISENZO(A,H)ANTHRACENE (Q278, R2:10:2)
80	79: BENZO(GHI)PERYLENE (Q276, R4:10:3)

005233

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	UG/L	%TOT
1	150	538	9:25	1	1.000	A BV	123947.	40.000	UG/L	2.67
2	112	367	6:25	1	0.652	A BB	393046.	152.940	UG/L	10.20
3	NOT FOUND									
4	93	505	8:50	1	0.939	A BB	11.	0.009	UG/L	0.00
5	99	510	8:53	1	0.940	A BV	398300.	136.199	UG/L	9.09
6	74	512	8:56	1	0.932	A BV	329097.	79.249	UG/L	5.22
7	93	514	9:00	1	0.935	A VV	5164.	496	UG/L	0.10
8	128	514	9:00	1	0.935	A BV	237257.	97.403	UG/L	6.50
9	146	540	9:07	1	1.004	A BB	2991.	1.081	UG/L	0.07
10	146	540	9:07	1	1.004	A BB	2991.	1.101	UG/L	0.07
11	146	566	9:04	1	1.052	A BB	107.	0.042	UG/L	0.00
12	121	572	10:32	1	1.100	A BB	20.	0.023	UG/L	0.00
13	117	615	10:45	1	1.143	A BB	36.	0.028	UG/L	0.00
14	108	573	10:02	1	1.065	A BB	29.	0.022	UG/L	0.00
15	130	612	10:43	1	1.138	A BB	465.	1.152	UG/L	0.08
16	108	573	10:03	1	1.102	A BB	517.	0.254	UG/L	0.02
17	108	615	10:45	1	1.143	A BV	131.	0.060	UG/L	0.00
18	136	724	12:40	18	1.000	A BV	226385.	40.000	UG/L	2.67
19	128	623	10:54	18	0.860	A BB	2498.	2.148	UG/L	0.14
20	123	622	10:53	18	0.859	A BB	19.	0.015	UG/L	0.00
21	82	666	11:09	18	0.920	A BB	141.	0.031	UG/L	0.00
22	137	674	11:48	18	0.931	A BB	76.	0.068	UG/L	0.00
23	122	691	12:06	18	0.954	A BB	140.	0.076	UG/L	0.01
24	93	705	12:20	18	0.974	A BB	20.	0.006	UG/L	0.00
25	162	709	12:24	18	0.979	A BB	144911.	87.349	UG/L	5.63
26	122	715	12:31	18	0.982	A BB	15.	0.020	UG/L	0.00
27	160	719	12:35	18	0.993	A BB	1824.	0.995	UG/L	0.07

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	L	%TOT
28	128	724	12:40	18	1.000	A VB	108.	0.021	UG/L	0.00
29	137	749	13:06	18	1.035	A BB	28.	0.036	UG/L	0.00
30	NOT	FOUND								
31	144	822	14:23	18	1.135	A BV	40384.	87.814	UG/L	5.86
32	142	835	14:37	18	1.153	A VB	214.	0.057	UG/L	0.00
33	154	984	17:13	33	1.000	A BV	109628.	40.000	UG/L	2.67
34	NOT	FOUND								
35	196	879	15:23	33	0.893	A BV	93622.	104.840	UG/L	6.99
36	172	890	15:34	33	0.904	A BV	6844.	1.938	UG/L	0.13
37	196	874	15:23	33	0.893	A BV	53629.	102	UG/L	6.81
38	162	899	15:44	33	0.914	A BB	98.	0.031	UG/L	0.00
39	138	918	16:04	33	0.933	A BB	11.	0.012	UG/L	0.00
40	152	960	16:48	33	0.976	A BB	93	0.026	UG/L	0.00
41	163	961	16:49	33	0.977	A BB	25	0.007	UG/L	0.00
42	163	972	17:01	33	0.988	A BB	23	0.032	UG/L	0.00
43	154	988	17:17	33	1.004	A BB	3116.	1.045	UG/L	0.07
44	NOT	FOUND								
45	168	1012	17:43	33	1.028	A BB	19.	0.005	UG/L	0.00
46	189	1026	17:57	33	1.043	A BB	487.	0.819	UG/L	0.05
47	109	1020	17:51	33	1.037	A BV	15103.	64.517	UG/L	4.30
48	135	983	17:12	33	0.999	A BB	11.	0.146	UG/L	0.01
49	166	1063	18:36	33	1.080	A BB	39.	0.013	UG/L	0.00
50	NOT	FOUND								
51	149	1068	18:41	33	1.085	A BB	140.	0.042	UG/L	0.00
52	138	1073	18:47	33	1.090	A BB	12.	0.095	UG/L	0.01
53	332	1103	19:18	33	1.121	A BB	65969.	213.692	UG/L	14.26
54	188	1200	21:00	54	1.000	A BV	120147.	40.000	UG/L	2.67
55	NOT	FOUND								
56	77	1086	19:00	54	0.905	A BB	118.	0.450	UG/L	0.03
57	169	1087	19:01	54	0.906	A BB	350.	0.402	UG/L	0.02
58	248	1132	19:49	54	0.943	A BB	10.	0.015	UG/L	0.00
59	NOT	FOUND								
60	266	1185	20:44	54	0.987	A BV	45931.	112.452	UG/L	7.50
61	178	1209	21:09	54	1.007	A BB	264.	0.076	UG/L	0.01
62	178	1209	21:09	54	1.007	A BB	264.	0.109	UG/L	0.00
63	149	1309	20:25	54	1.091	A VB	4733.	1.127	UG/L	0.02
64	203	1378	20:07	54	1.148	A BB	282.	0.070	UG/L	0.00
65	246	1591	20:51	65	1.000	A BV	25962.	40.000	UG/L	2.67
66	244	1443	20:15	65	0.907	A BB	3103.	3.636	UG/L	0.24
67	202	1409	20:39	65	0.886	A BB	1282.	0.725	UG/L	0.05
68	NOT	FOUND								
69	149	1527	20:43	65	0.960	A BB	104.	0.090	UG/L	0.01
70	228	1588	20:47	65	0.998	A BV	109.	0.139	UG/L	0.01
71	228	1594	20:54	65	1.002	A VB	154.	0.194	UG/L	0.01
72	252	1595	20:55	65	1.003	A BB	11.	0.076	UG/L	0.01
73	149	1619	20:20	65	1.018	A BB	1235.	1.071	UG/L	0.07
74	264	1838	20:20	74	1.000	A BV	11258.	40.000	UG/L	2.67
75	149	1716	20:00	74	0.934	A BV	141.	0.056	UG/L	0.01
76	252	1744	20:54	74	0.961	A VB	110.	0.193	UG/L	0.01
77	252	1828	21:09	74	0.990	A BB	15.	0.043	UG/L	0.00
78	NOT	FOUND								
79	NOT	FOUND								
80	NOT	FOUND								

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
1	9:26	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00

005234

NO	RET (L)	RATIO	RRR (L)	RATIO	AMNT	AMNT (L)	R. FAC	R. FAC (L)	RATIO
1	0.00	1.00	0.00	1.00	152.94	41.70	3.042	0.829	3.67
2	0.00	1.00	0.00	1.00	0.00	50.00	0.000	0.001	0.00
3	0.00	1.00	0.00	1.00	0.00	50.00	0.000	0.374	0.00
4	0.00	1.00	0.00	1.00	136.20	41.70	3.082	0.944	3.27
5	0.00	1.00	0.00	1.00	70.00	50.00	1.479	0.945	1.00
6	0.00	1.00	0.00	1.00	1.00	50.00	0.000	1.114	0.00
7	0.00	1.00	0.00	1.00	97.40	50.00	1.531	0.786	1.00
8	0.00	1.00	0.00	1.00	1.00	50.00	0.019	0.893	0.00
9	0.00	1.00	0.00	1.00	1.00	50.00	0.019	0.877	0.00
10	0.00	1.00	0.00	1.00	0.04	50.00	0.001	0.830	0.00
11	0.00	1.00	0.00	1.00	0.02	50.00	0.000	0.284	0.00
12	0.00	1.00	0.00	1.00	0.03	50.00	0.000	0.418	0.00
13	0.00	1.00	0.00	1.00	0.02	50.00	0.000	0.428	0.00
14	0.00	1.00	0.00	1.00	0.03	50.00	0.000	0.130	0.00
15	0.00	1.00	0.00	1.00	1.15	50.00	0.003	0.658	0.02
16	0.00	1.00	0.00	1.00	0.25	50.00	0.003	0.428	0.00
17	0.00	1.00	0.00	1.00	0.06	50.00	0.001	0.700	0.00
18	0.00	1.00	0.00	1.00	40.00	40.00	1.000	1.000	1.00
19	0.00	0.99	0.00	0.99	2.15	50.00	0.021	0.205	0.10
20	0.00	0.99	0.00	0.99	0.02	50.00	0.000	0.220	0.00
21	0.00	1.00	0.00	1.00	0.03	50.00	0.000	0.814	0.00
22	0.00	1.00	0.00	1.00	0.07	50.00	0.000	0.199	0.00
23	0.00	1.00	0.00	1.00	0.08	50.00	0.000	0.327	0.00
24	0.00	1.00	0.00	1.00	0.01	50.00	0.000	0.552	0.00
25	0.00	0.97	0.00	0.97	87.05	50.00	0.512	0.293	1.75
26	0.00	0.97	0.00	0.97	0.02	50.00	0.000	0.134	0.00
27	0.00	1.00	0.00	1.00	0.97	50.00	0.006	0.324	0.00
28	0.00	1.00	0.00	1.00	0.02	50.00	0.000	0.893	0.00
29	0.00	1.01	0.00	1.01	0.04	50.00	0.000	0.136	0.00
30	0.00	1.00	0.00	1.00	0.00	50.00	0.000	0.169	0.00
31	0.00	1.00	0.00	1.00	87.81	50.00	0.143	0.081	1.76
32	0.00	1.01	0.00	1.01	0.06	50.00	0.001	0.645	0.00
33	0.00	1.00	0.00	1.00	40.00	40.00	1.000	1.000	1.00
34	0.00	1.00	0.00	1.00	0.00	50.00	0.000	0.254	0.00
35	0.00	1.00	0.00	1.00	104.84	50.00	0.683	0.326	2.10
36	0.00	1.00	0.00	1.00	1.94	50.00	0.120	1.288	0.04
37	0.00	1.00	0.00	1.00	102.10	50.00	0.483	0.335	2.09
38	0.00	1.00	0.00	1.00	0.03	50.00	0.001	1.172	0.00
39	0.00	0.99	0.00	0.99	0.01	50.00	0.000	0.331	0.00
40	0.00	1.00	0.00	1.00	0.03	50.00	0.001	1.318	0.00
41	0.00	1.00	0.00	1.00	0.01	50.00	0.000	1.229	0.00
42	0.00	1.00	0.00	1.00	0.03	50.00	0.000	0.262	0.00
43	0.00	1.00	0.00	1.00	1.05	50.00	0.023	1.088	0.02
44	0.00	1.00	0.00	1.00	0.00	50.00	0.000	0.055	0.00
45	0.00	1.00	0.00	1.00	0.01	50.00	0.000	1.372	0.00
46	0.00	1.00	0.00	1.00	0.02	50.00	0.004	0.217	0.02
47	0.00	1.00	0.00	1.00	64.52	50.00	0.110	0.085	1.29
48	0.00	1.00	0.00	1.00	0.15	50.00	0.000	0.028	0.00
49	0.00	1.00	0.00	1.00	0.01	50.00	0.000	1.070	0.00
50	0.00	1.00	0.00	1.00	0.00	50.00	0.000	0.518	0.00
51	0.00	1.00	0.00	1.00	0.04	50.00	0.001	1.211	0.00
52	0.00	0.99	0.00	0.99	0.09	50.00	0.000	0.046	0.00
53	0.00	1.00	0.00	1.00	119	41.70	0.577	0.113	5.12
54	0.00	1.00	0.00	1.00	213.69	40.00	1.000	1.000	1.00
55	0.00	1.00	0.00	1.00	40.00	50.00	0.000	0.078	0.00
56	0.00	1.00	0.00	1.00	0.45	50.00	0.001	0.057	0.01
57	0.00	1.00	0.00	1.00	0.40	50.00	0.002	0.290	0.01

005235

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
58	19: 57	0. 99	0. 950	0. 99	0. 02	50. 00	0. 000	0. 220	0. 00
59	20: 14		0. 963			50. 00		0. 282	
60	20: 44	1. 00	0. 987	1. 00	112. 45	50. 00	0. 306	0. 136	2. 25
61	21: 04	1. 00	1. 003	1. 00	0. 08	50. 00	0. 002	1. 161	0. 00
62	21: 10	1. 00	1. 008	1. 00	0. 11	50. 00	0. 002	0. 805	0. 00
63	22: 05	1. 00	1. 092	1. 00	1. 13	50. 00	0. 032	1. 400	0. 02
64	24: 08	1. 00	1. 149	1. 00	0. 07	50. 00	0. 001	0. 958	0. 00
65	27: 00	1. 00	1. 000	1. 00	40. 00	40. 00	1. 000	1. 000	1. 00
66	25: 15	1. 00	0. 906	1. 00	3. 64	20. 80	0. 230	1. 314	0. 17
67	24: 43	1. 00	0. 886	1. 00	0. 72	50. 00	0. 039	2. 724	0. 01
68	25: 50		0. 924			50. 00		0. 001	
69	26: 40	1. 00	0. 960	1. 00	0. 09	50. 00	0. 003	1. 779	0. 00
70	27: 49	1. 00	0. 999	1. 00	0. 14	50. 00	0. 003	1. 207	0. 00
71	27: 56	1. 00	1. 003	1. 00	0. 19	50. 00	0. 005	1. 222	0. 00
72	28: 06	0. 99	1. 002	1. 00	0. 08	50. 00	0. 000	0. 222	0. 00
73	28: 21	1. 00	1. 018	1. 00	1. 07	50. 00	0. 038	1. 775	0. 02
74	32: 11	1. 00	1. 000	1. 00	40. 00	40. 00	1. 000	1. 000	1. 00
75	30: 03	1. 00	0. 934	1. 00	0. 10	50. 00	0. 010	5. 212	0. 00
76	30: 01	1. 00	0. 959	1. 00	0. 19	100. 00	0. 004	2. 029	0. 00
77	31: 08	1. 00	0. 993	1. 00	0. 04	50. 00	0. 001	1. 232	0. 00
78	37: 21		1. 160			50. 00		1. 221	
79	37: 05		1. 168			50. 00		0. 939	
80	38: 04		1. 209			50. 00		1. 412	

005236

PIC + TRACE CHROMATOGRAMS

DATA: 5553001MSA.HI

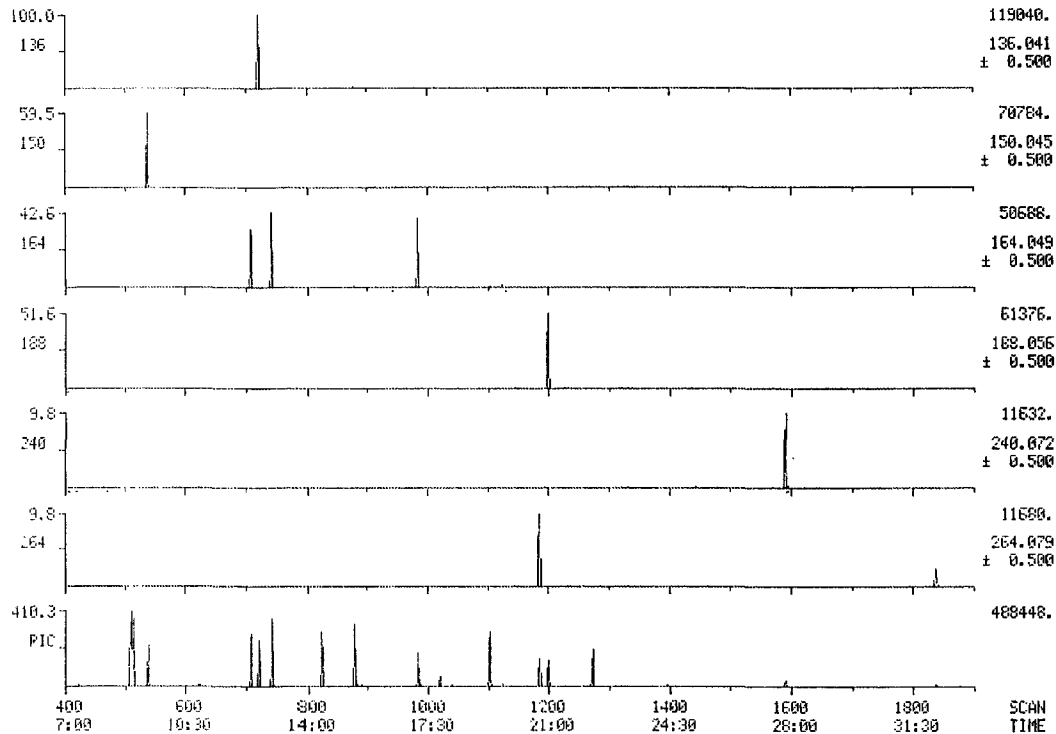
SCANS 400 TO 1900

12/18/91 12:28:00

CALI: FC434 #22

SAMPLE: 1396F-01MATRIX SPIKE/500ML/2ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUANT: A G 2.0 BASE: U 30. 4



005237

GC + MS: CHROMATOGRAMS

DATA: S553001MSA #1

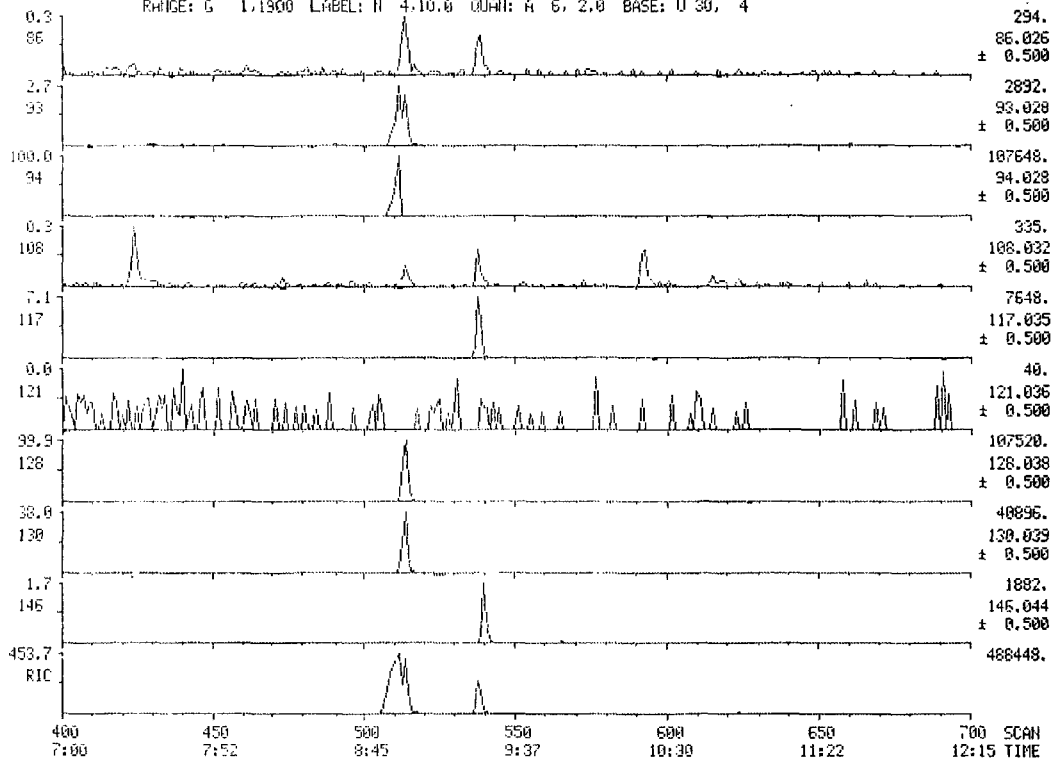
SCANS 400 TO 700

12-18-04 12:28:08

CHLT: FC434 #22

SAMPLE: 1356F-DIMETHYL SPIKE/500NL/2NL

RANGE: 5 1.1900 LABEL: H 4.10.0 QUAN: A 5, 2.0 BASE: U 30, 4



005233

FIG. 4 HPLC CHROMATOGRAMS

DATA: 595300156A #1

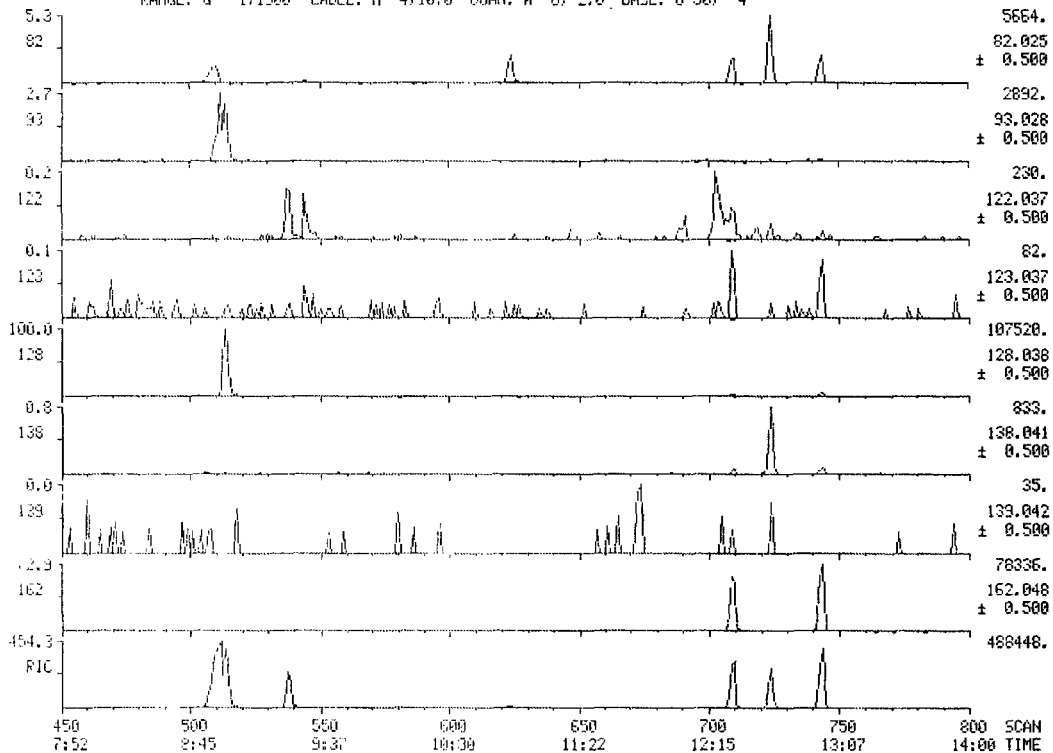
SCANS 450 TO 800

10.18.84 14:28:00

CALL: FE484 #22

SAMPLE: 1396F-BINATRIN SPIKE, 500ML/2ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6. 2.0, BASE: U 30. 4



005239

FILE: MASS CHROMATOGRAM

DATA: 555901MSA #1

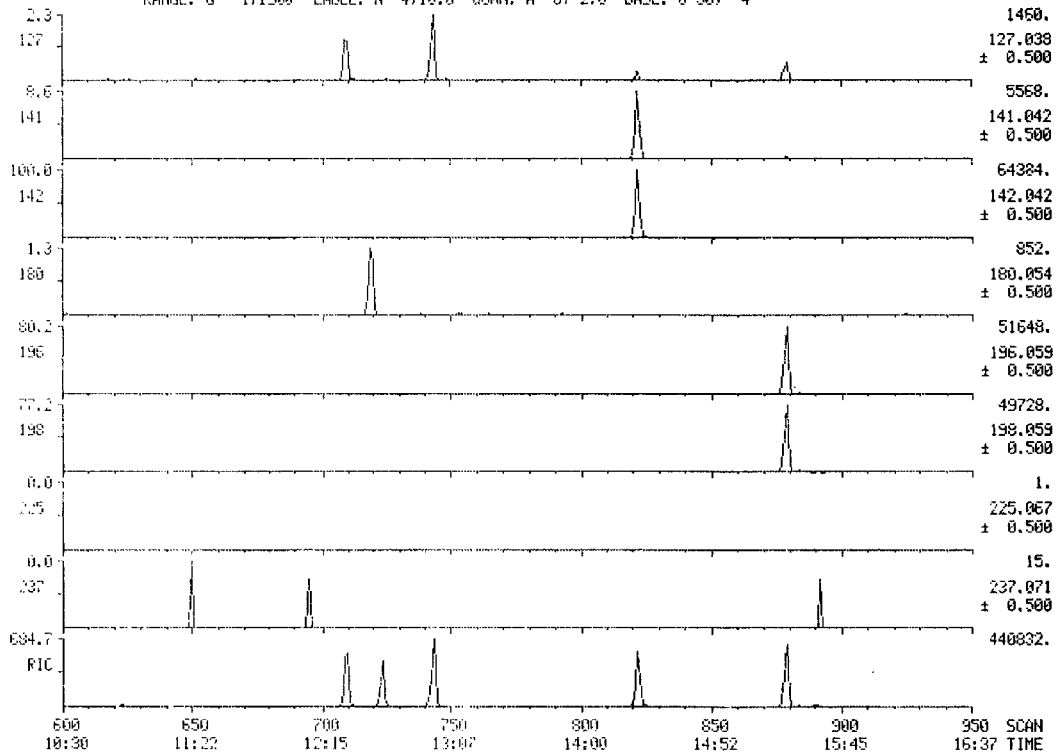
SCANS 600 TO 950

12-18-84 12:28:00

CALL: F6434 #22

SAMPLE: 1396F-01MATRIX SPIKE/500NL/2ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4



005240

PLC FIDMS CHROMATOGRAM

DATA: 3553001MSA #1

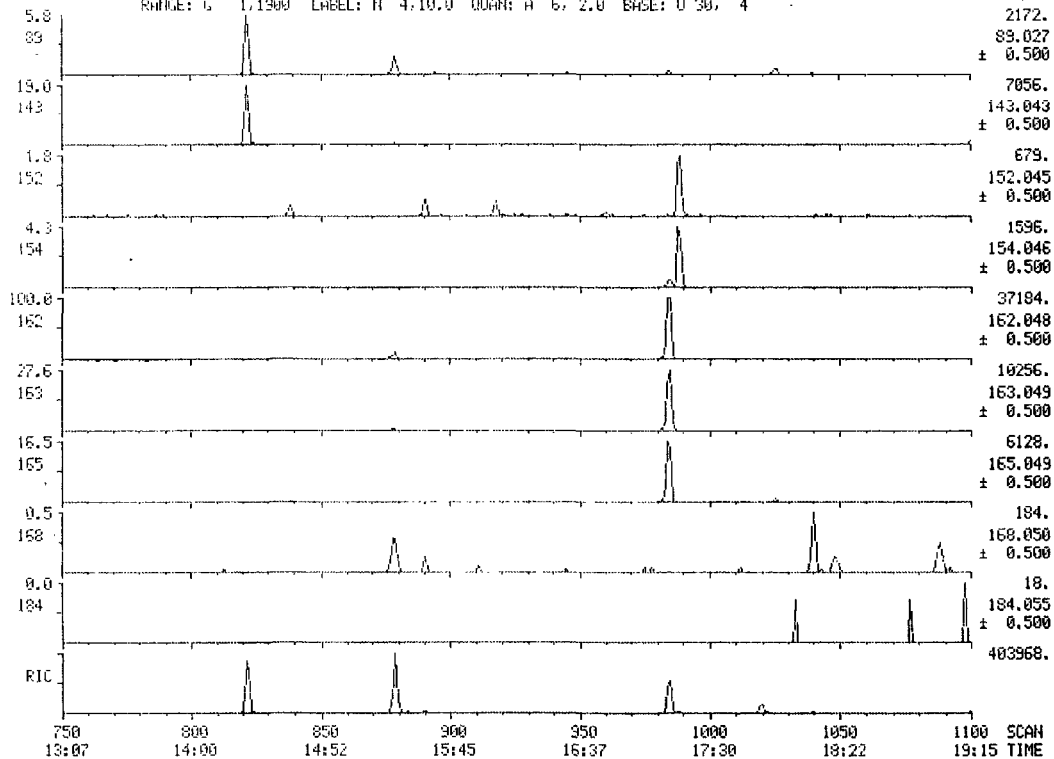
SCANS 750 TO 1100

12.18.01 12:28:00

CALI: FC434 #22

SAMPLE: 1396F-01MATRIX SPIKE-500ML/2HL

RANGE: G 1/1900 LABEL: H 4/10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005241

PIC + MASS CHROMATOGRAM

DATE: 9503001MSA #1

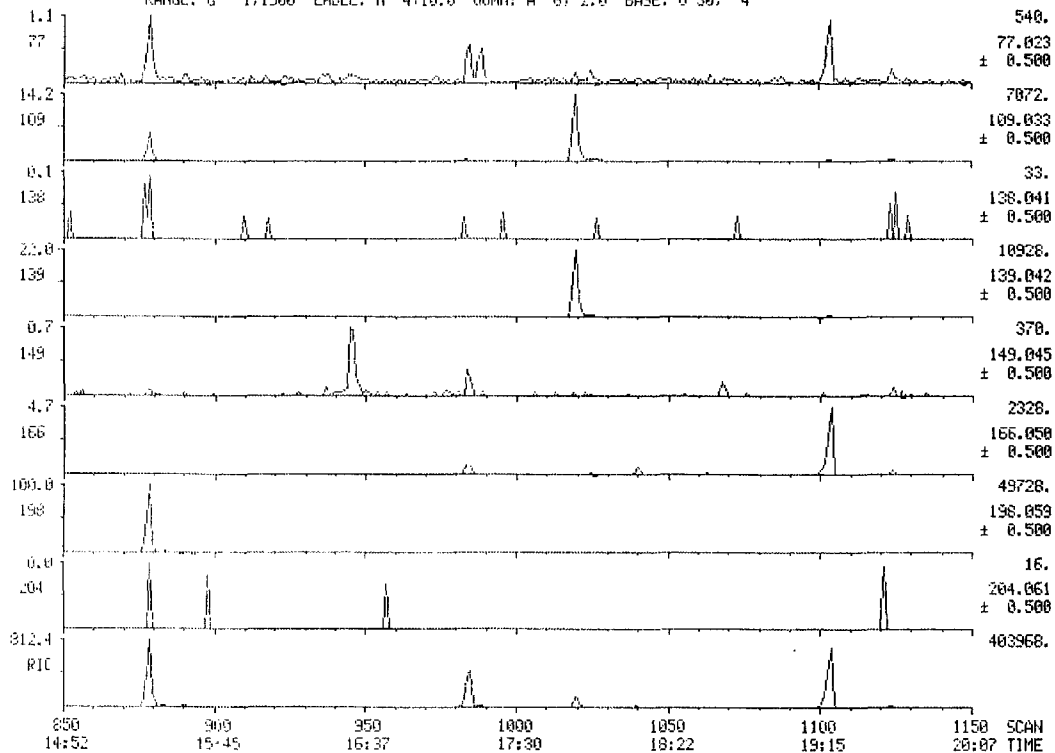
SCANS 850 TO 1150

12/18/84 12:28:00

CALL: FC434.#22

SAMPLE: 1396F-01MATRIX SPIKE-500NL-2HL

RANGE: G 1.1300 LABEL: N 4.10.0 00ML: A 6, 2.0 BASE: U 30, 4



005242

PL1: MASS CHROMATOGRAMS

DATA: S553001MSA #1

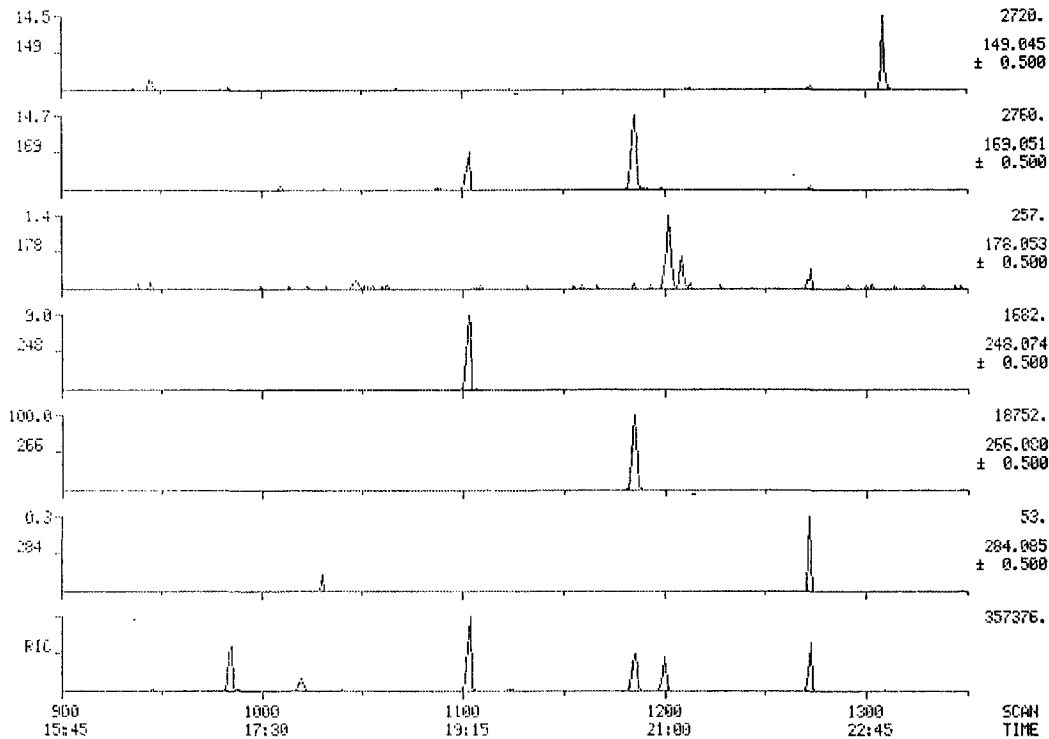
SCANS 900 TO 1350

12/13/84 12:28:00

CALI: FC434 #22

SAMPLE: 1396F-01MTRIII: SPIKE, 500NL/2ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005243

PIC + H-SS CHROMATOGRAMS

DATA: S553001NSA #1

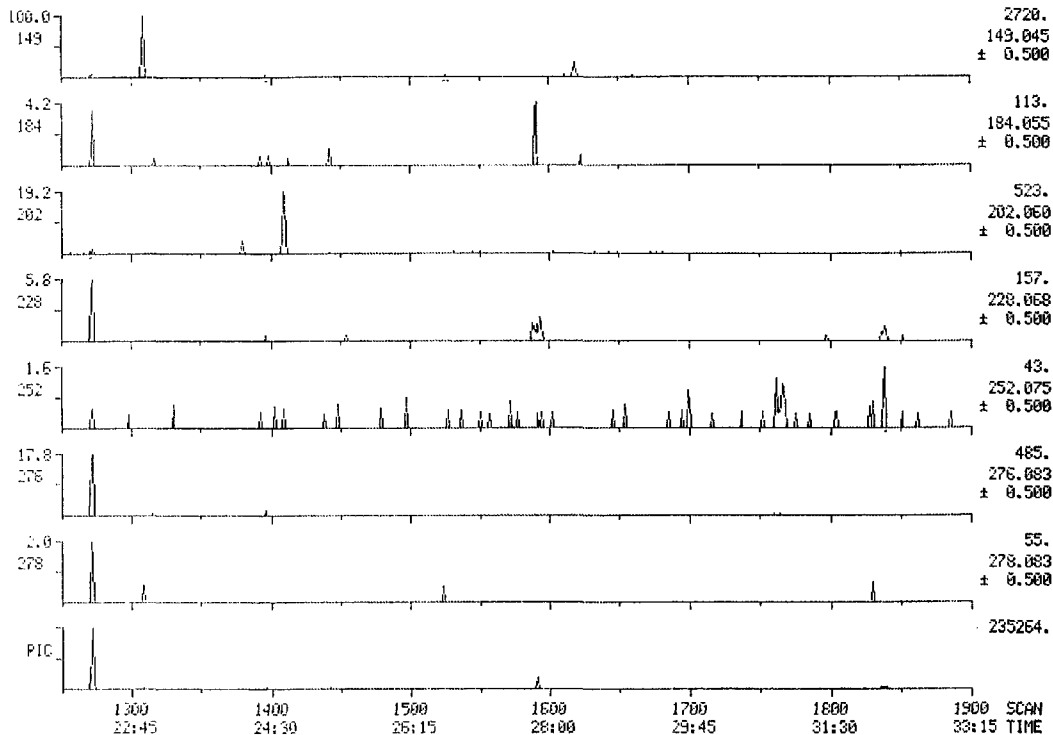
SCANS 1250 TO 1900

12 18:04 12:26:00

CALI: FC434 #22

SAMPLE: 1396F-01MTR1% SPIKE,500ML/2NL

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005244

FIT + INCS CHROMATOGRAMS

Info: S553001NSA #1

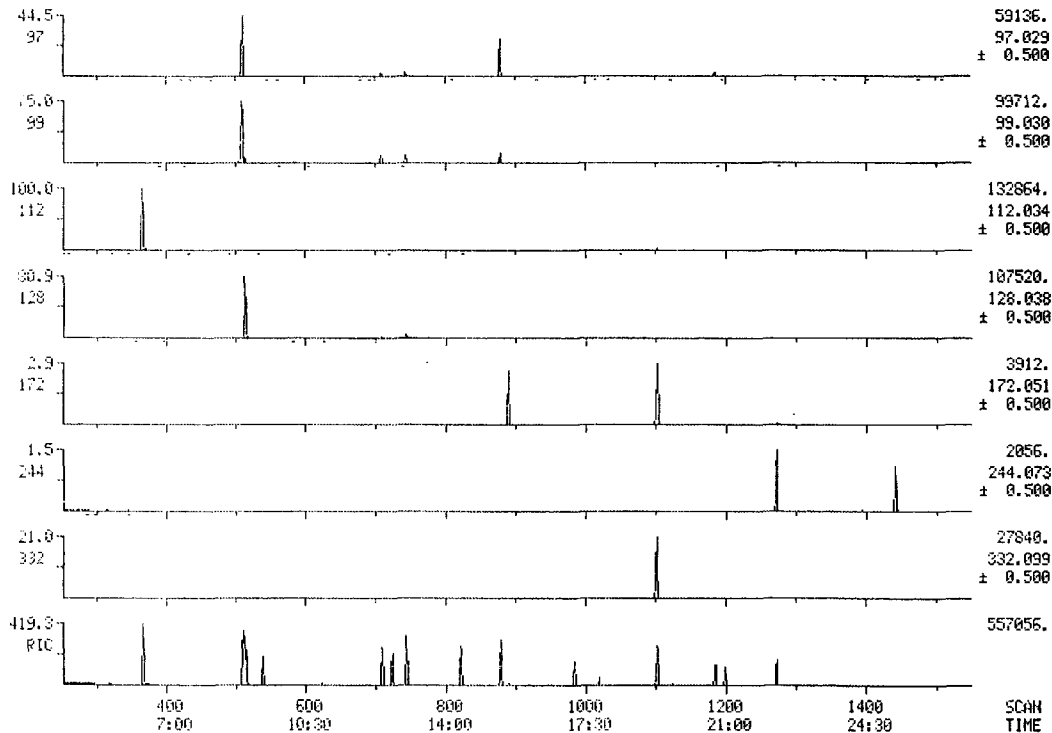
SCANS: 250 TO 1550

12/19/84 12:28:00

CALI: FC434 #22

SAMPLE: 1396F-BIMATRIX SPIKE,500ML/2ML

RANGE: G 1.1900 LABEL: H 4.10.0 OURN: A 6, 2.0 BASE: U 30, 4

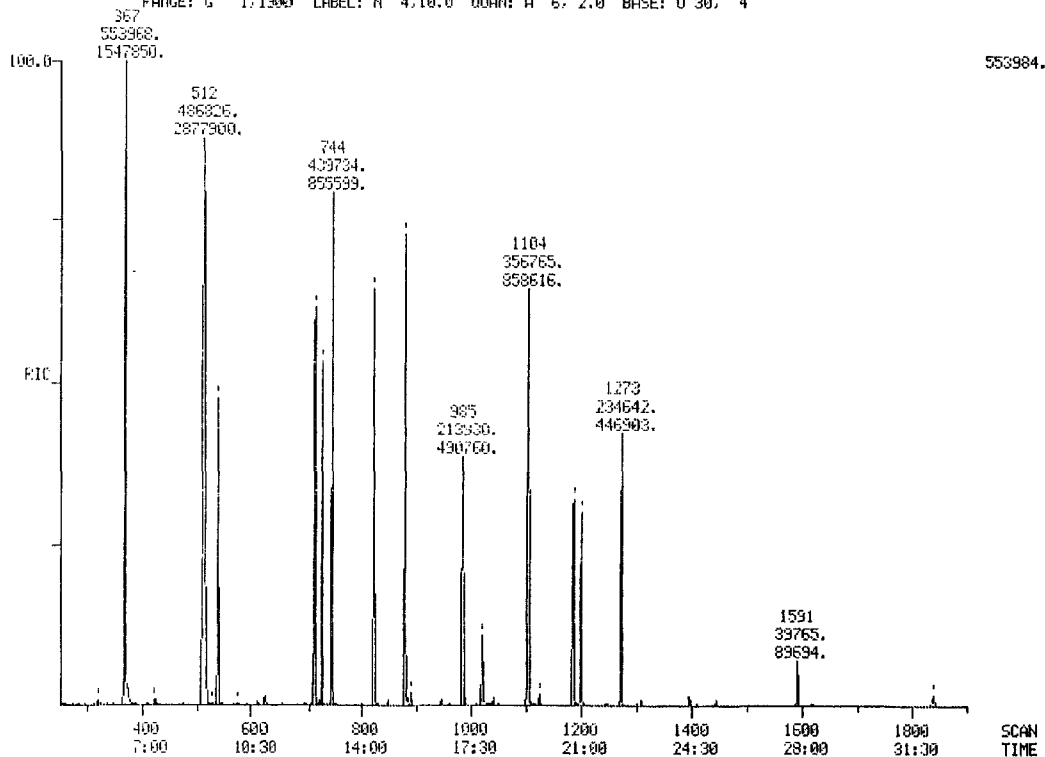


005245

F11
12 18 84 12:28:00
SAMPLE: 1396F-01MATRIX SPIKE,500ML/2NL
PAGE: G 1.1900 LABEL: N 4.18.0 QUAN: A 5. 2.0 BASE: U 30. 4

DATA: 9553001MSA #1
CALI: FC434 #22

SCANS 290 TO 1900

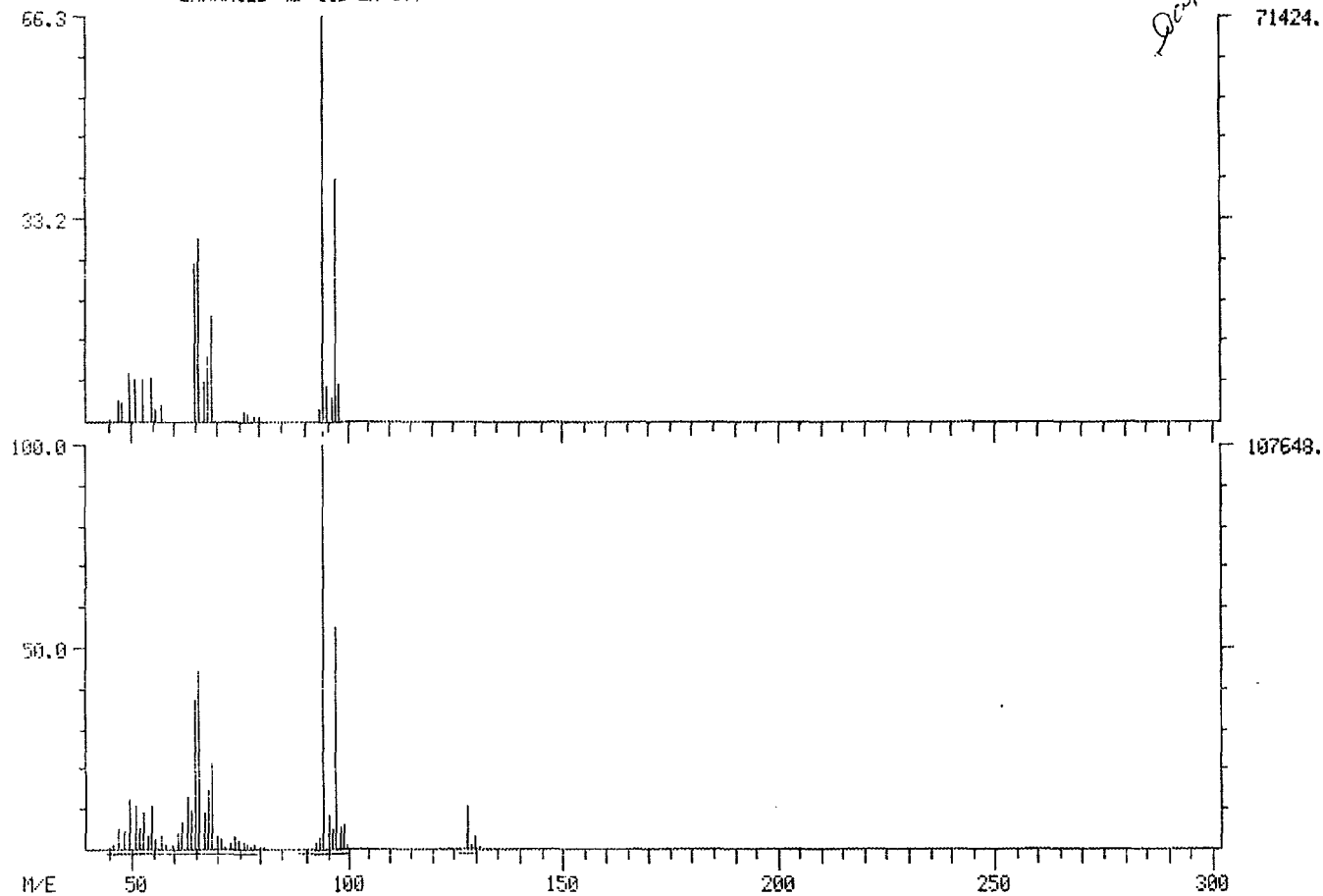


005246

DUAL MASS SPECTRUM
12/18/94 12:28:00 + 8:58
SAMPLE: 1396F-01MATRIX SPIKE,500ML/2ML
ENHANCED (S 150 ZH 0T)

DATA: S553001MSA #512
CALI: FC434 #22

BASE M/E: 94/ 94
RIC: 275967./ 497335.

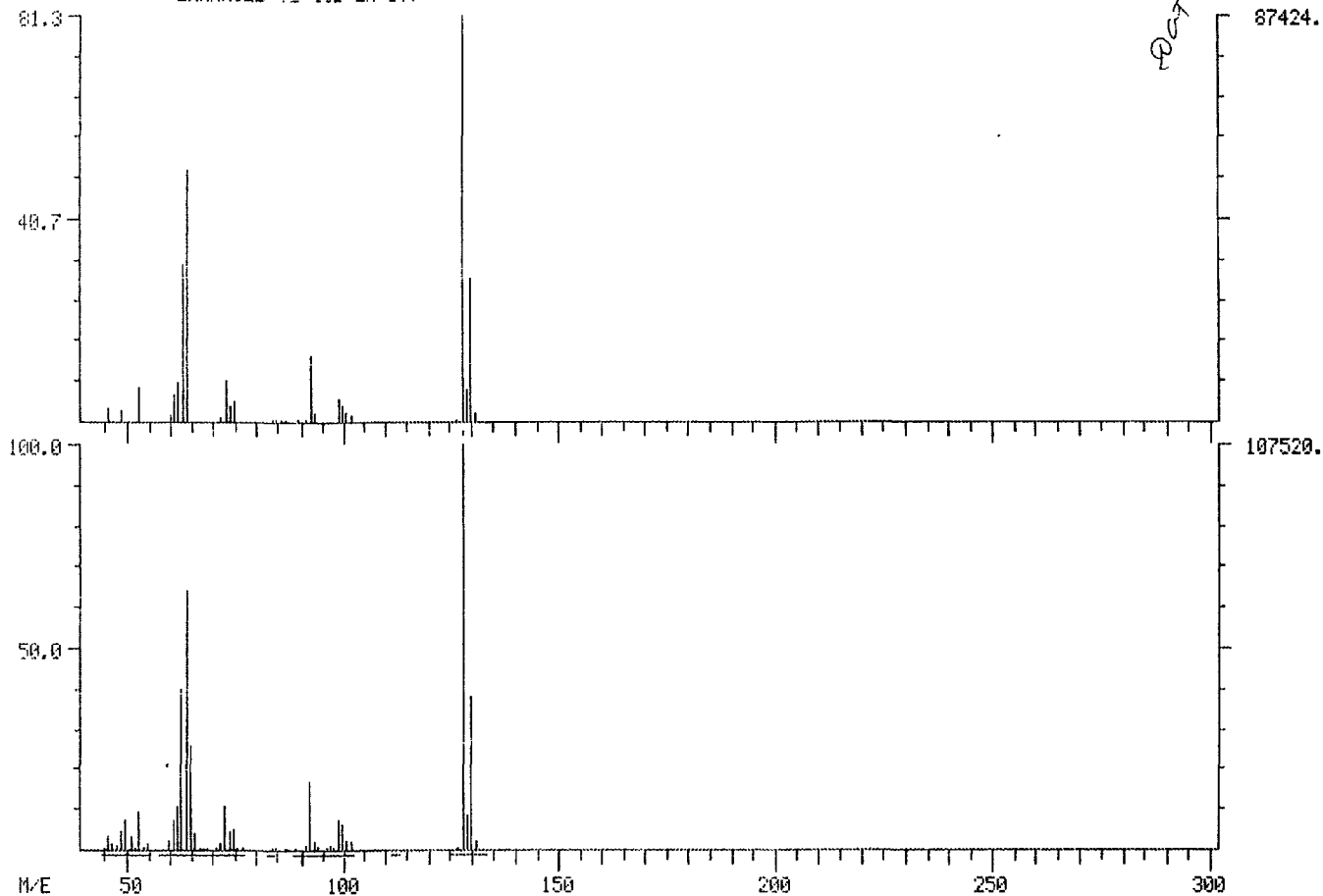


005247

DUAL MASS SPECTRUM
12/18/84 12:28:00 + 9:00
SAMPLE: 1396F-01MATRIX SPIKE,500ML/2ML
ENHANCED (S 15B 2N 0T)

DATA: 5553001MSA #514
CALI: FC434 #22

BASE M/E: 128/ 128
RIC: 293375./ 439807.



005243

DUAL MASS SPECTRUM

12/18/84 12:28:00 + 12:24

SAMPLE: 1396F-01MATRIX SPIKE,500ML/2ML

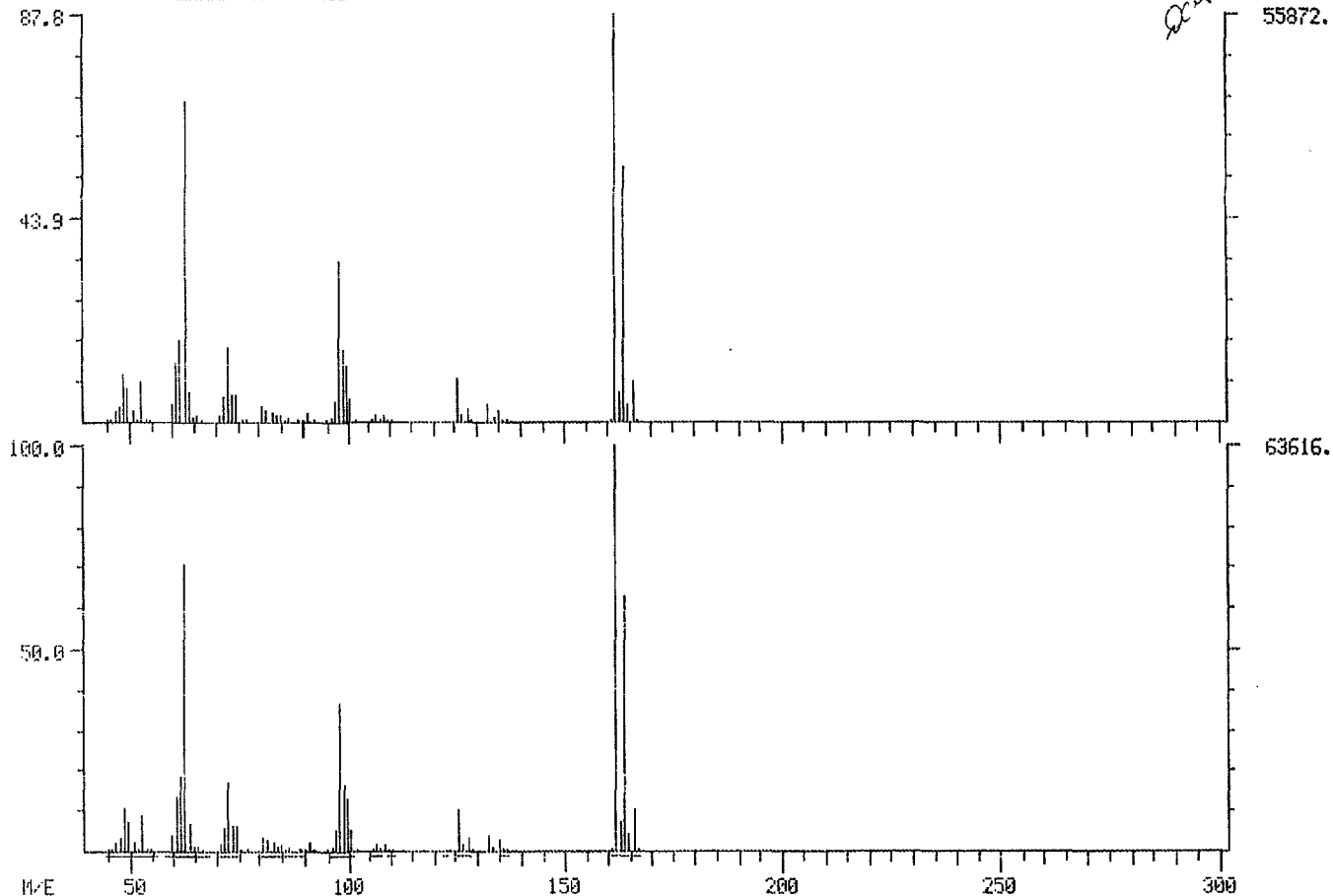
ENHANCED (S 158 2N 0T)

DATA: 5553001MSA #709

BASE M/E: 162/ 162

CALI: FC434 #22

RIC: 298495./ 319487.

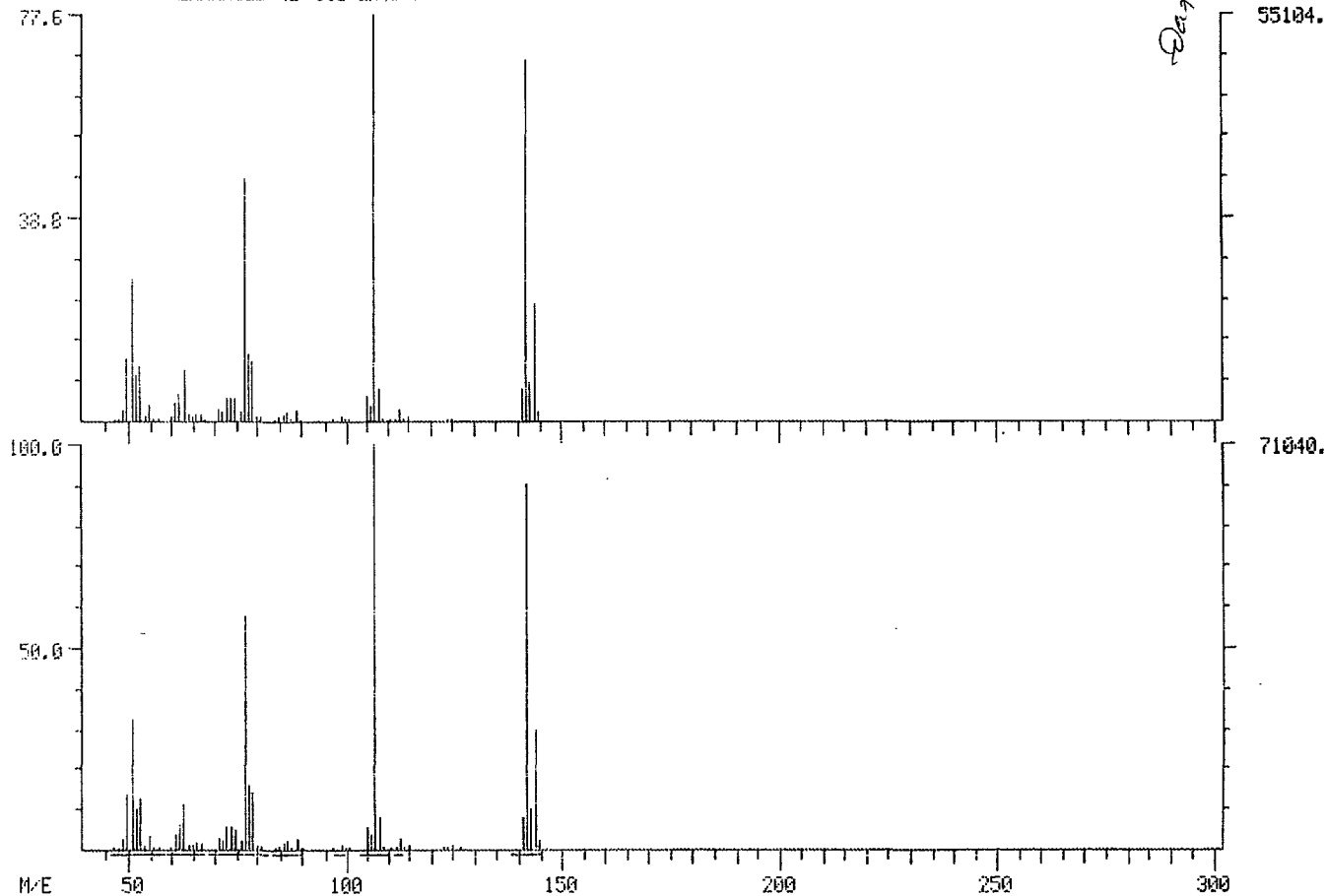


005249

DUAL MASS SPECTRUM
12/19/94 12:29:00 + 14:20
SAMPLE: 1396F-01MATRIX SPIKE,500ML/2ML
ENHANCED (S 158 2N.0T)

DATA: 5553001MSA #822
CALL: FC434 #22

BASE M/E: 107/ 107
RIC: 281087./ 356953.

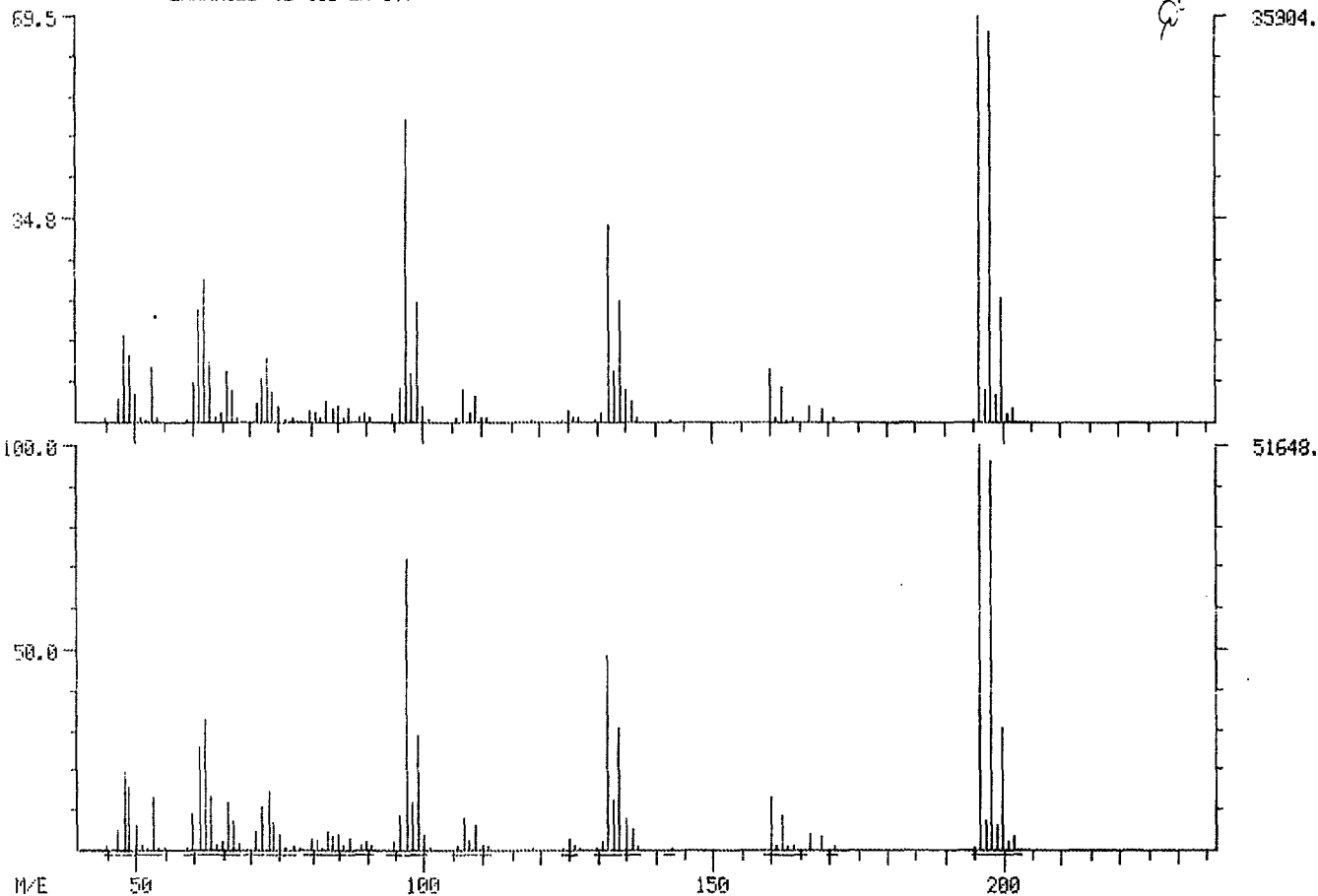


005250

DUAL MASS SPECTRUM
12-18-84 12:28:00 + 15:23
SAMPLE: 1396F-01MATRIX SPIKE, 500ML/2ML
ENHANCED (S 158 2N 0T)

DATA: S5S3001MSA #879
CALI: FC434 #22

BASE M/E: 196/ 196
RIC: 286287./ 402431.

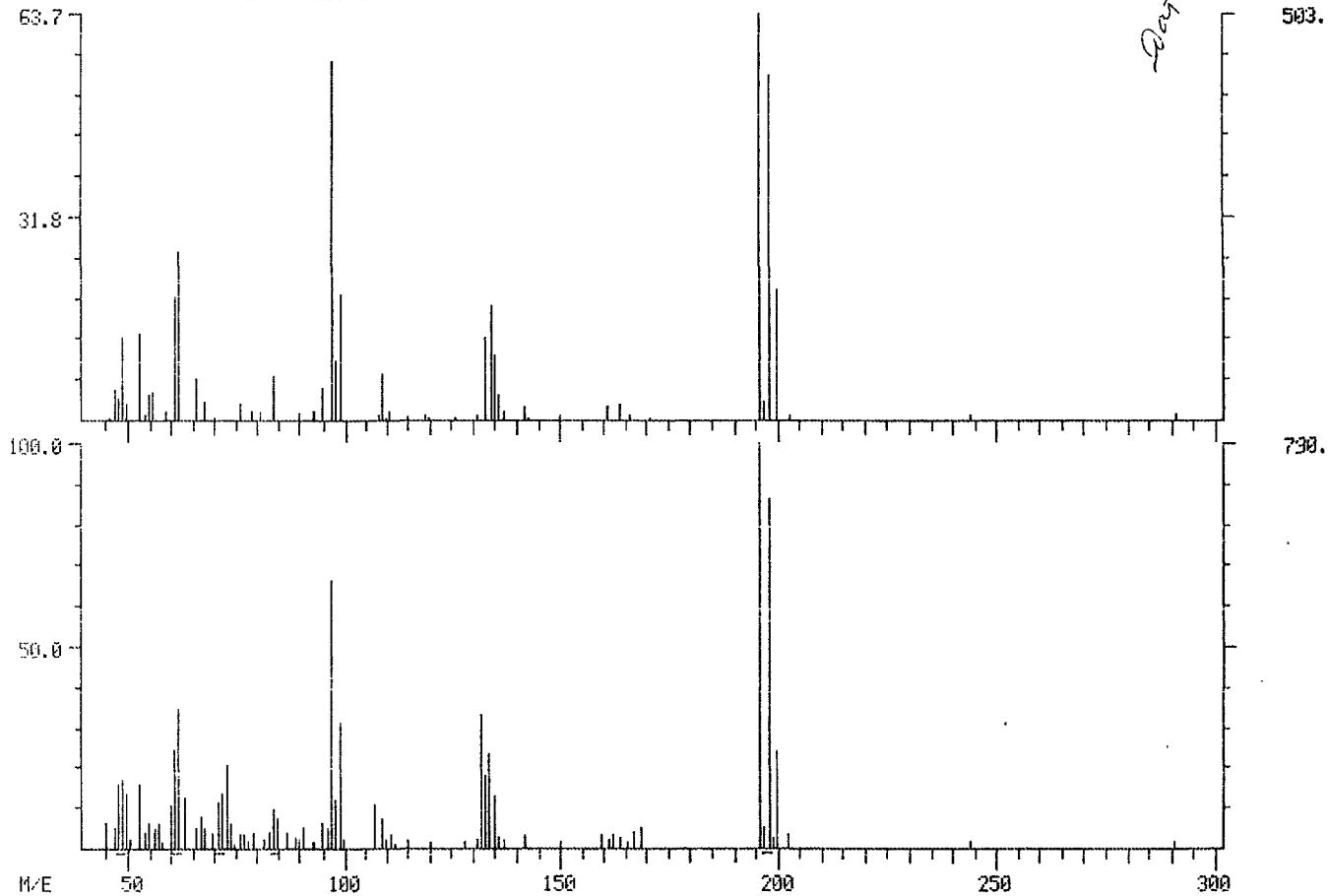


005251

DUAL MASS SPECTRUM
12/18/84 12:28:00 + 15:20
SAMPLE: 1396F-01MATRIX SPIKE,500ML/2ML
ENHANCED (S 15B 2N 0T)

DATA: 5553001MSA #884
CALI: PC434 #22

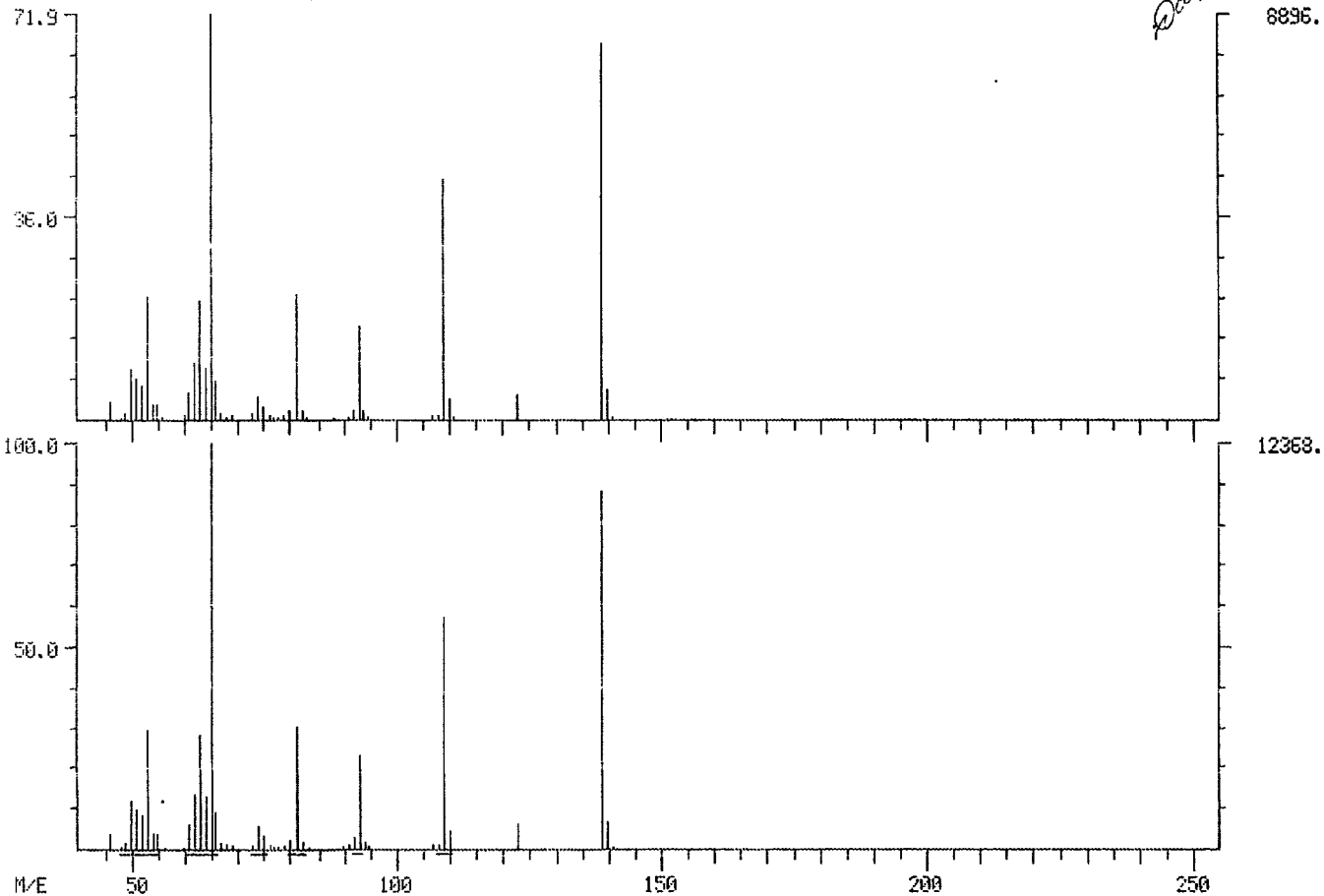
BASE M/E: 196/196
RIC: 3371.7 6471.



005252

DUAL MASS SPECTRUM
12/18/84 12:28:00 + 17:51
SAMPLE: 1396F-01MATRIX SPIKE,500ML/2ML
ENHANCED (S 158 2N 0T)

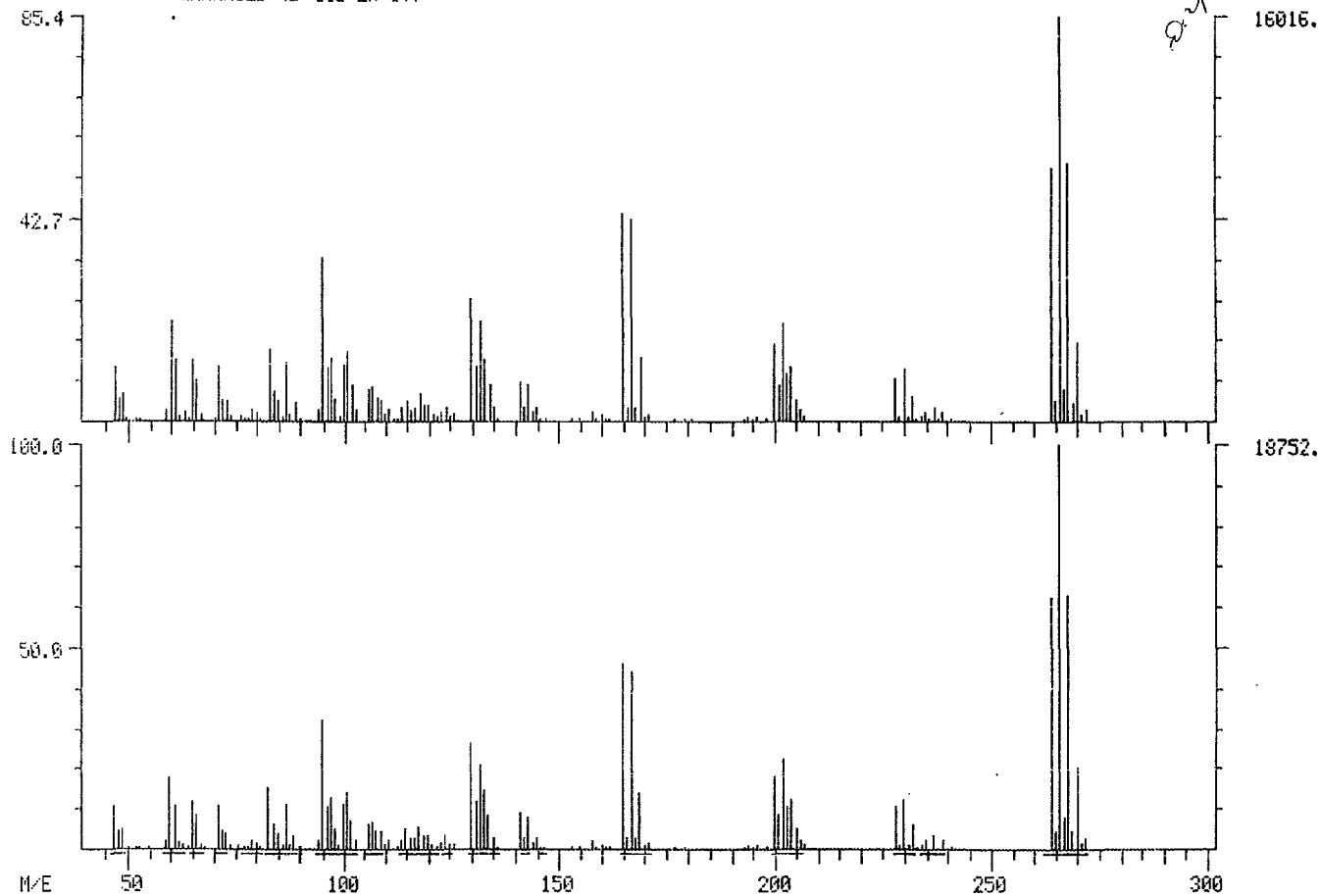
DATA: 5553001MSA #1020 BASE M/E: 65/ 65
CALI: FC434 #22 RIC: 45247./ 61119. .



005253

DUAL MASS SPECTRUM
12/19/84 12:28:00 + 20:44
SAMPLE: 1396F-01MATRIX SPIKE,500ML/2ML
ENHANCED (S 158 2N 0T)

DATA: S553001MSA #1185 BASE M/E: 266/ 266
CALI: FC434 #22 RIC: 168191./ 174591.



005254

EPA PROJECT

Lab Number: SS530-05Std. I.D.: L4120Sample I.D.: 1396F-01 Duplicate Madri SpikDate Injected: 12/18/84

Conc. factor (wet wt.): _____

Date Extracted: _____

Conc. factor (dry wt.): _____

Detweiler

Signatures of persons reporting data

SEMIVOLATILES (ABX)

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
964	D4-1,4-DICHLOROBENZENE	1.000	<u>539</u>	150	<u>122088</u>	<u>40</u>	_____
982	2-FLUOROPHENOL	0.693	<u>370</u>	112	<u>394351</u>	<u>156</u>	_____
61	N-NITROSODIMETHYLAMINE	0.440	_____	74	_____	_____	_____
C5	ANILINE	0.885	_____	93	_____	_____	_____
983	PHENOL-D5	0.946	<u>510</u>	99	<u>379368</u>	<u>132</u>	_____
65	PHENOL	0.947	<u>512</u>	94	<u>184377</u>	<u>67</u>	_____
18	BIS(2-CHLOROETHYL)ETHER	0.959	_____	93	_____	_____	_____
24	2-CHLOROPHENOL	0.954	<u>515</u>	128	<u>236909</u>	<u>99</u>	_____
26	1,3-DICHLOROBENZENE	0.987	_____	146	_____	_____	_____
27	1,4-DICHLOROBENZENE	1.003	_____	146	_____	_____	_____
25	1,2-DICHLOROBENZENE	1.050	_____	146	_____	_____	_____
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096	_____	121	_____	_____	_____
12	HEXACHLOROETHANE	1.126	_____	117	_____	_____	_____
C6	BENZYL ALCOHOL	0.791	_____	108	_____	_____	_____
63	N-NITROSODI-N-PROPYLAMINE	0.855	_____	130	_____	_____	_____
C2	2-METHYLPHENOL	0.828	_____	108	_____	_____	_____
C3	4-METHYLPHENOL	0.854	_____	108	_____	_____	_____
987	NAPHTHALENE-D8	1.000	<u>724</u>	136	<u>214853</u>	<u>40</u>	_____
988	NITROBENZENE-D5	0.872	_____	128	_____	_____	_____
56	NITROBENZENE	0.875	_____	123	_____	_____	_____
54	ISOPHORONE	0.920	_____	82	_____	_____	_____
57	2-NITROPHENOL	0.935	_____	139	_____	_____	_____
54	2,4-DIMETHYLPHENOL	0.953	_____	122	_____	_____	_____
43	BIS(2-CHLOROETHOXY)METHANE	0.970	_____	93	_____	_____	_____
31	2,4-DICHLOROPHENOL	0.982	<u>709</u>	162	<u>142964</u>	<u>89</u>	_____
C1	BENZOIC ACID	0.982	_____	122	_____	_____	_____

005255

Outfall

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RR1	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
8	1,2,4-TRICHLOROBENZENE	0.993		180			
55	NAPHTHALENE	1.004		128			
C7	4-CHLOROANILINE	1.030		127			
52	HEXACHLOROBUTADIENE	1.042		225			
22	4-CHLORO-3-METHYLPHENOL	1.127	<u>822</u>	144	<u>36845</u>	<u>83</u>	
C9	2-METHYLNAPHTHALENE	1.144		142			
957	ACENAPHTHENE-D10	1.000	<u>984</u>	164	<u>96823</u>	<u>40</u>	
53	HEXACHLOROCYCLOPENTADIENE	1.183		237			
21	2,4,6-TRICHLOROPHENOL	1.201	<u>879</u>	196	<u>96503</u>	<u>116</u>	
976	2-FLUOROBIPHENYL	1.217	<u>890</u>	172	<u>15547</u>	<u>5.0</u>	
C4	2,4,5-TRICHLOROPHENOL	1.219	<u>883</u>	198	<u>2186</u>	<u>2.7</u>	
20	2-CHLORONAPHTHALENE	1.230		162			
C10	2-NITROANILINE	1.234		138			
77	ACENAPHTHYLENE	1.309		152			
71	DIMETHYL PHTHALATE	1.308		163			
36	2,6-DINITROTOLUENE	1.320		165			
1	ACENAPHTHENE	0.822		154			
59	2,4-DINITROPHENOL	0.834		184			
C8	DIBENZOFURAN	0.843		168			
35	2,4-DINITROTOLUENE	0.851		89			
58	4-NITROPHENOL	0.854	<u>1019</u>	109	<u>13441</u>	<u>45</u>	
C11	3-NITROANILINE	0.857		138			
80	FLUORENE	0.882		166			
40	4-CHLOROPHENYL ETHER	0.855		204			
70	DIETHYL PHTHALATE	0.887		149			
C12	4-NITROANILINE	0.904		138			
955	2,4,6-TRIBROMOPHENOL	1.120	<u>1103</u>	332	<u>59069</u>	<u>217</u>	

005256

DeTayls

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT	ARLA	QUAN LIST	ug/L or ug/Kg
962	PHENANTHRENE-D10	1.000	<u>1200</u>	188	<u>105768</u>	<u>40</u>	
60	4,6-DINITRO-O-CRESOL	0.900		198			
37	1,2-DIPHENYLHYDRAZINE			77			
62	DIPHENYLAMINE	0.901		169			
41	4-BROMOPHENYL PHENYL ETHER	0.943		248			
9	HEXACHLOROBENZENE	0.958		284			
64	PENTACHLOROPHENOL	0.982	<u>1105</u>	266	<u>41484</u>	<u>115</u>	
81	PHENANTHRENE	0.997		178			
78	ANTHRACENE	1.002		178			
68	DI-N-BUTYL PHTHALATE	1.081		149			
39	FLUOROANTHENE	1.142		202			
961	CHRYSENE-D12	1.000	<u>1591</u>	240	<u>39462</u>	<u>40</u>	
954	TERPHEKYL-D14	1.201		244			
84	PYRENE	1.169		202			
5	BENZIDINE	0.886		184			
67	BUTYL BENZYL PHTHALATE	0.955		149			
72	BENZO(A)ANTHRACENE	0.998		228			
76	CHRYSENE	1.003		228			
28	3,3'-DICHLOROBENZIDINE	1.002		252			
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019		149			
952	PERYLENE-D12	1.000	<u>1039</u>	264	<u>19880</u>	<u>40</u>	
69	DI-N-OCTYL PHTHALATE	1.104		149			
74	3,4-BENZOFLUOROANTHENE AND/OR						
75	BENZO(K)FLUORANTHENE			252			
73	BENZO(A)PYRENE	1.004		252			
83	INDENO(1,2,3-CD)PYRENE			276			
82	DIBENZO(A,H)ANTHRACENE	1.259		278			
70	BENZO(A)ANTHRACENE	1.017		276			

005257

SYSTEM. SCIENCE + SOFTWARE DIAGNOSTICS

85530010SA

FC434

12/18/84

1396F-01, DUPLICATE SPIKE, 500ML/ML

F4

NO	LIB	ID	M/E	SCAN	PRED	DELTA	FIT	FUR	MATCH	AREA
1	LL	964:	150	539	539	0	997	748	95.	122057.
2	LL	982:	112	370	369	-1	993	881	100.	374350.
3	LL	61:	74	---	99	NO PEAKS	FOUND			
4	LL	65:	93	506	502	-4	530	14	35.	17.
				-512		-10	480	78	21.	
5	LL	983:	77	510	510	0	985	710	92.	377368.
6	LL	65:	94	512	512	0	977	544	84.	194376.
7	LL	18:	93	515	517	2	449	189	39.	5509.
				-521		-4	428	138	36.	
				-512		3	330	140	31.	
8	LL	24:	128	515	514	-1	913	750	91.	236908.
9	LL	26:	146	541	533	-8	852	573	59.	6562.
10	LL	27:	146	541	541	0	883	567	80.	6562.
11	LL	25:	146	566	567	1	556	138	42.	158.
12	LL	42:	121	---	593	NO PEAKS	FOUND			
13	LL	12:	117	615	609	-6	303	69	26.	26.
				-617		-8	154	12	12.	
14	LL	66:	108	---	570	NO PEAKS	FOUND			
15	LL	63:	130	613	615	2	476	324	47.	824.
				-618		-3	383	136	33.	
				-620		-5	166	52	18.	
16	LL	62:	108	593	593	0	985	369	75.	490.
17	LL	63:	108	616	616	0	913	167	61.	150.
				-618		-2	895	109	58.	
18	LL	987:	136	724	724	0	951	799	95.	219853.
19	LL	988:	128	524	523	-1	993	736	94.	4843.
20	LL	56:	123	632	628	-4	731	81	48.	10.
21	LL	54:	92	665	665	0	506	101	38.	60.
				-662		3	500	43	35.	
				-673		-8	529	19	25.	
22	LL	57:	139	673	674	1	518	123	40.	16.
23	LL	34:	122	691	691	0	775	287	61.	166.
24	LL	43:	93	703	705	2	455	5	30.	10.
				-710		-5	357	62	28.	
25	LL	31:	162	709	710	1	970	623	87.	142964.
26	LL	61:	122	715	719	4	901	81	57.	29.
				-718		1	823	79	53.	
				-724		-5	639	6	40.	
27	LL	8:	153	719	720	1	975	548	83.	3957.
28	LL	65:	128	726	727	1	990	150	63.	337.
29	LL	67:	127	744	745	1	236	48	32.	2547.
				-753		-8	261	37	17.	
30	LL	52:	225	---	757	NO PEAKS	FOUND			
31	LL	22:	144	822	822	0	995	770	96.	36894.
				-830		-6	979	764	69.	
32	LL	69:	142	835	829	-6	936	133	59.	127.
				-833		-4	768	125	52.	
				-831		-2	727	128	50.	
33	LL	957:	164	984	985	1	994	721	93.	96822.
34	LL	53:	237	---	863	NO PEAKS	FOUND			
35	LL	21:	196	879	878	-1	967	729	92.	91302.
				-883		-5	956	713	91.	
36	LL	976:	172	890	890	0	943	669	89.	15546.
37	LL	64:	166	883	882	-1	992	515	83.	2186.
				-879		3	977	516	82.	
				-884		-4	979	461	79.	
38	LL	20:	162	899	899	0	552	38	37.	30.
				-904		-5	538	17	35.	
				-900		9	560	4	24.	
39	LL	610:	130	921	925	4	357	16	26.	13.
40	LL	77	162	961	960	-1	829	71	52.	60.
				-958		2	696	31	44.	
41	LL	71:	163	961	962	1	553	67	43.	20.
42	LL	36:	165	961	971	-10	543	58	23.	157.
43	LL	1:	154	988	989	1	989	658	90.	6265.
44	LL	59:	168	---	1002	NO PEAKS	FOUND			
45	LL	68:	168	1014	1012	-2	688	49	44.	15.
46	LL	35:	89	1025	1026	1	960	482	75.	977.
47	LL	58:	109	1019	1020	1	421	289	43.	13441.
				-1022		-12	618	260	26.	
				-1035		-15	594	299	21.	

005258

QUANTITATION REPORT FILE: S553001DSA

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

NO	NAME
1	964: D4-1,4-DICHLOROBENZENE (Q 150)
2	982: 2-FLUOROPHENOL (Q 112)
3	61: N-NITROSODIMETHYLAMINE (Q74, R10:2:9)
4	65: ANILINE (Q 73)
5	983: D5-PHENOL (Q99, R4:10)
6	65: PHENOL (Q74, R2:2:10)
7	18: BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24: 2-CHLOROPHENOL (Q128, R5:10:3)
9	26: 1,3-DICHLOROBENZENE (Q146, R1:10:6)
10	27: 1,4-DICHLOROBENZENE (Q146, R1:10:6)
11	25: 1,2-DICHLOROBENZENE (Q146, R1:10:6)
12	42: BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12: HEXACHLOROETHANE (Q117, R10:6:10)
14	66: BENZYL ALCOHOL (Q 108)
15	63: N-NITROSODI-N-PROPYLAMINE (Q130, R6:1:2)
16	62: 2-METHYLPHENOL (Q 108)
17	63: 4-METHYLPHENOL (Q 106)
18	987: NAPHTHALENE-DB (Q136)
19	988: NITROBENZENE-D5 (Q128)
20	56: NITROBENZENE (Q123, R1:5:10:5)
21	54: ISOPHORONE (Q82, R10:1:2)
22	57: 2-NITROPHENOL (Q139, R3:0:8:10)
23	34: 2,4-DIMETHYLPHENOL (Q122, R9:5:10)
24	43: BIS (2-CHLOROETHOXY) METHANE (Q93, R10:3:2)
25	31: 2,4-DICHLOROPHENOL (Q162, R6:10:6)
26	61: BENZOIC ACID (Q 122)
27	8: 1,2,4-TRICHLOROBENZENE (Q180, R3:10:9)
28	55: NAPHTHALENE (Q128, R1:10:1)
29	67: 4-CHLOROANILINE (Q 127)
30	52: HEXACHLOROBTADIENE (Q225, R6:10:6)
31	22: 4-CHLORO-3-METHYLPHENOL (Q 144)
32	67: 2-METHYLNAPHTHALENE (Q 142)
33	957: D10-ACENAPHTHENE (Q164)
34	53: HEXACHLOROCYCLOPENTADIENE (Q237, R6:10:1)
35	21: 2,4,6-TRICHLOROPHENOL (Q196, R10:9:3)
36	976: 2-FLUOROBIPHENYL (Q172, R1:5:2:4:10)
37	64: 2,4,5-TRICHLOROPHENOL (Q 196)
38	20: 2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	610: 2-NITROANILINE (Q 138)
40	77: ACENAPHTHYLENE (Q152, R2:10:2)
41	71: DIMETHYL PHTHALATE (Q163, R10:1:1)
42	36: 2,6-DINITROTOLUENE (Q165, R2:7:10)
43	1: ACENAPHTHENE (Q154, R5:10:10)
44	59: 2,4-DINITROPHENOL (Q184, R6:5:10)
45	68: DIBENZOFURAN (Q 168)
46	35: 2,4-DINITROTOLUENE (Q89, R7:2:10)
47	58: 4-NITROPHENOL (Q199, R10:7:5)
48	611: 3-NITROANILINE (Q 138)
49	80: FLUORENE (Q166, R8:10:1:4)
50	40: 4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70: DIETHYL PHTHALATE (Q149, R10:1:2)
52	612: 4-NITROANILINE (Q 138)
53	955: 2,4,6-TRIBROMOPHENOL (Q332)

005260

NO	NAME
54	962: D10-PHENANTHRENE (Q 189)
55	60: 4,6-DINITRO-2-METHYLPHENOL (Q 198)
56	37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
57	62: N-NITROSODIPHENYLAMINE (Q169, R5:7:10)
58	41: 4-BROMOPHENYL PHENYL ETHER (Q248, R5:10:10)
59	9: HEXACHLOROBENZENE (Q284, R3:2:10)
60	64: PENTACHLOROPHENOL (Q266, R6:10:6)
61	81: PHENANTHRENE (Q 178)
62	78: ANTHRACENE (Q 178)
63	68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
64	39: FLUORANTHENE (Q202, R1:2:10)
65	961: D12-CHRYSENE (Q240)
66	954: D14-TERPHENYL (Q244)
67	84: PYRENE (Q202, R3:2:10)
68	5: BENZIDINE (Q184, R2:10:1)
69	67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
70	72: BENZO(A)ANTHRACENE (Q 228)
71	76: CHRYSENE (Q 228)
72	28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
73	66: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
74	952: D12-PERYLENE (Q 264)
75	69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
76	74: 3,4-BENZOFUORANTHENE &/OR BENZO(K)FLUORANTHENE (Q252)
77	73: BENZO(A)PYRENE (Q252, R2:10:2)
78	83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
79	82: DIBENZO(A,H)ANTHRACENE (Q278, R2:10:2)
80	79: BENZO(CHI)PERYLENE (Q276, R4:10:3)

005261

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	UG/L	%TOT
1	150	539	9:26	1	1.000	A BB	122058	40.000	UG/L	2.82
2	112	370	6:26	1	0.686	A BB	394351	155.822	UG/L	10.99
3		NOT FOUND								
4	73	506	8:51	1	0.939	A BB	18	0.016	UG/L	0.00
5	99	510	8:55	1	0.946	A BV	379368	131.733	UG/L	9.29
6	94	513	8:58	1	0.950	A BV	194377	67.418	UG/L	4.75
7	93	515	9:01	1	0.955	A VB	5510	1.521	UG/L	0.11
8	128	515	9:01	1	0.955	A BV	236909	98.766	UG/L	6.96
9	146	541	9:28	1	1.004	A BB	6563	2.408	UG/L	0.17
10	146	541	9:28	1	1.004	A BB	6563	2.452	UG/L	0.17
11	146	566	9:34	1	1.050	A BB	157	0.062	UG/L	0.00
12		NOT FOUND								
13	117	615	10:46	1	1.141	A BB	27	0.021	UG/L	0.00
14		NOT FOUND								
15	130	613	10:44	1	1.137	A BB	225	2.076	UG/L	0.15
16	108	593	10:23	1	1.100	A BB	491	0.245	UG/L	0.02
17	108	616	10:47	1	1.143	A BB	151	0.071	UG/L	0.00
18	136	724	12:43	18	1.000	A BV	219853	40.000	UG/L	2.82
19	108	624	10:55	18	0.862	A BB	4844	4.289	UG/L	0.30
20	123	632	11:04	18	0.873	A BB	11	0.007	UG/L	0.00
21	82	665	11:08	18	0.919	A BB	61	0.014	UG/L	0.00
22	109	673	11:47	18	0.930	A BB	17	0.016	UG/L	0.00
23	122	691	12:06	18	0.954	A BB	167	0.093	UG/L	0.01
24	93	703	12:18	18	0.971	A BB	11	0.004	UG/L	0.00
25	142	709	12:24	18	0.979	A BV	142964	88.735	UG/L	6.26
26	122	715	12:31	18	0.988	A BB	38	0.041	UG/L	0.00
27	120	719	12:30	18	0.993	A BB	3958	2.223	UG/L	0.16

NO	M/E	SCAN	TIME	REF	RT	METH	AREA(HGHT)	AMOUNT	UG/L	%TOT
28	128	726	12:42	18	1.003	A VB	358.	0.073	UG/L	0.01
29	127	744	13:01	18	1.028	A BB	2548.	3.409	UG/L	0.24
30	NOT FOUND									
31	144	822	14:23	18	1.135	A BV	36895.	82.611	UG/L	5.82
32	142	835	14:37	18	1.153	A VV	128.	0.036	UG/L	0.00
33	164	984	17:13	33	1.000	A BV	96823.	40.000	UG/L	2.82
34	NOT FOUND									
35	196	879	15:23	33	0.893	A BV	91303.	115.764	UG/L	8.16
36	172	890	15:34	33	0.904	A BV	15547.	4.985	UG/L	0.35
37	196	883	15:27	33	0.897	A VV	2186.	2.700	UG/L	0.19
38	162	899	15:44	33	0.914	A BB	31.	0.011	UG/L	0.00
39	138	921	16:07	33	0.936	A BB	14.	0.017	UG/L	0.00
40	152	951	16:49	33	0.977	A BB	61.	0.019	UG/L	0.00
41	163	951	16:49	33	0.977	A BB	21.	0.007	UG/L	0.00
42	165	951	17:10	33	0.977	A BB	158.	0.249	UG/L	0.02
43	154	988	17:17	33	1.004	A VB	6266.	2.380	UG/L	0.17
44	NOT FOUND									
45	168	1014	17:45	33	1.030	A BB	16.	0.005	UG/L	0.00
46	89	1025	17:56	33	1.042	A BB	978.	1.863	UG/L	0.13
47	109	1019	17:50	33	1.036	A BV	13441.	65.011	UG/L	4.58
48	138	984	17:13	33	1.000	A BB	26.	0.390	UG/L	0.03
49	166	1060	18:03	33	1.077	A BB	56.	0.022	UG/L	0.00
50	NOT FOUND									
51	149	1068	18:41	33	1.085	A BB	29.	0.010	UG/L	0.00
52	138	1075	18:49	33	1.092	A BB	18.	0.161	UG/L	0.01
53	332	1103	19:18	33	1.121	A BB	59069.	216.648	UG/L	15.27
54	188	1200	21:00	33	1.000	A BV	105768.	40.000	UG/L	2.82
55	198	1083	19:37	33	0.902	A BB	11.	0.043	UG/L	0.00
56	77	1094	19:09	33	0.912	A BB	32.	0.139	UG/L	0.01
57	169	1067	19:01	33	0.906	A BB	206.	0.269	UG/L	0.02
58	NOT FOUND									
59	NOT FOUND									
60	266	1185	20:44	33	0.987	A BV	41484.	115.373	UG/L	8.13
61	178	1231	21:01	33	1.001	A BV	546.	0.178	UG/L	0.01
62	178	1207	21:07	33	1.005	A BB	133.	0.062	UG/L	0.00
63	149	1309	22:04	33	1.091	A VB	6255.	1.690	UG/L	0.12
64	202	1378	23:07	33	1.148	A BB	67.	0.026	UG/L	0.00
65	240	1591	27:01	33	1.000	A BV	39462.	40.000	UG/L	2.82
66	244	1443	27:03	33	0.907	A BV	5812.	4.488	UG/L	0.32
67	202	1409	24:09	33	0.886	A BB	2186.	0.813	UG/L	0.06
68	NOT FOUND									
69	149	1527	26:40	33	0.960	A BB	30.	0.017	UG/L	0.00
70	228	1504	27:40	33	1.002	A BB	54.	0.045	UG/L	0.00
71	228	1573	27:40	33	1.001	A BB	69.	0.057	UG/L	0.00
72	252	1579	27:40	33	1.005	A BB	11.	0.050	UG/L	0.00
73	149	1619	28:00	33	1.018	A BB	880.	0.503	UG/L	0.04
74	264	1839	33:11	74	1.000	A BV	19790.	40.000	UG/L	2.82
75	149	1712	28:00	74	0.931	A BB	30.	0.012	UG/L	0.00
76	252	1762	30:00	74	0.958	A BB	76.	0.075	UG/L	0.01
77	252	1826	31:07	74	0.993	A BB	15.	0.024	UG/L	0.00
78	NOT FOUND									
79	NOT FOUND									
80	NOT FOUND									

0.05262

NO	RET(L)	RATIO	RT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
1	9:26	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
58	19:57		0.950			50.00		0.220	
59	20:14		0.963			50.00		0.282	
60	20:44	1.00	0.987	1.00	115.37	50.00	0.314	0.136	2.31
61	21:04	1.00	1.003	1.00	0.18	50.00	0.004	1.161	0.00
62	21:10	1.00	1.008	1.00	0.06	50.00	0.001	0.805	0.00
63	22:55	1.00	1.092	1.00	1.67	50.00	0.047	1.400	0.03
64	24:00	1.00	1.147	1.00	0.03	50.00	0.001	0.958	0.00
65	27:52	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
66	25:15	1.00	0.905	1.00	4.47	20.00	0.204	1.314	0.22
67	24:42	1.00	0.886	1.00	0.81	50.00	0.044	2.724	0.02
68	25:55		0.924			50.00		0.001	
69	26:45	1.00	0.960	1.00	0.02	50.00	0.001	1.779	0.00
70	27:49	1.00	0.949	1.00	0.05	50.00	0.001	1.207	0.00
71	27:56	1.00	1.003	1.00	0.06	50.00	0.001	1.222	0.00
72	28:06	1.00	1.002	1.00	0.05	50.00	0.000	0.223	0.00
73	28:21	1.00	1.018	1.00	0.50	50.00	0.016	1.775	0.01
74	32:11	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
75	33:00	1.00	0.934	1.00	0.01	50.00	0.001	5.213	0.00
76	33:01	1.00	0.959	1.00	0.07	100.00	0.002	0.224	0.00
77	31:58	1.00	0.993	1.00	0.02	50.00	0.001	0.222	0.00
78	37:21		1.160			50.00		1.221	
79	37:40		1.160			50.00		0.224	
80	38:44		1.209			0.00		1.412	

005264

PIC + HPLC CHROMATOGRAMS

12-18-84 13:39:00

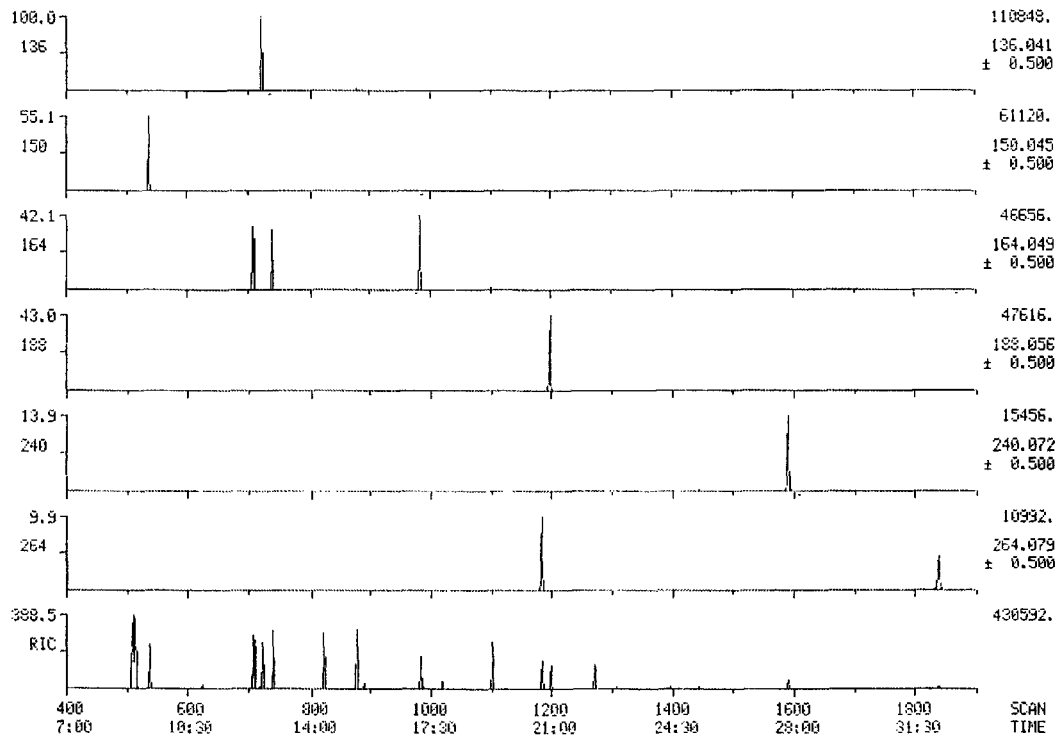
SAMPLE: 139SF-01, DUPLICATE SPIKE, 500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 955.00100- #1

CALI: PL434 #22

SCANS: 400 TO 1900



005265

FIG. 4 MASS CHROMATOGRAMS

12/13/84 13:38:00

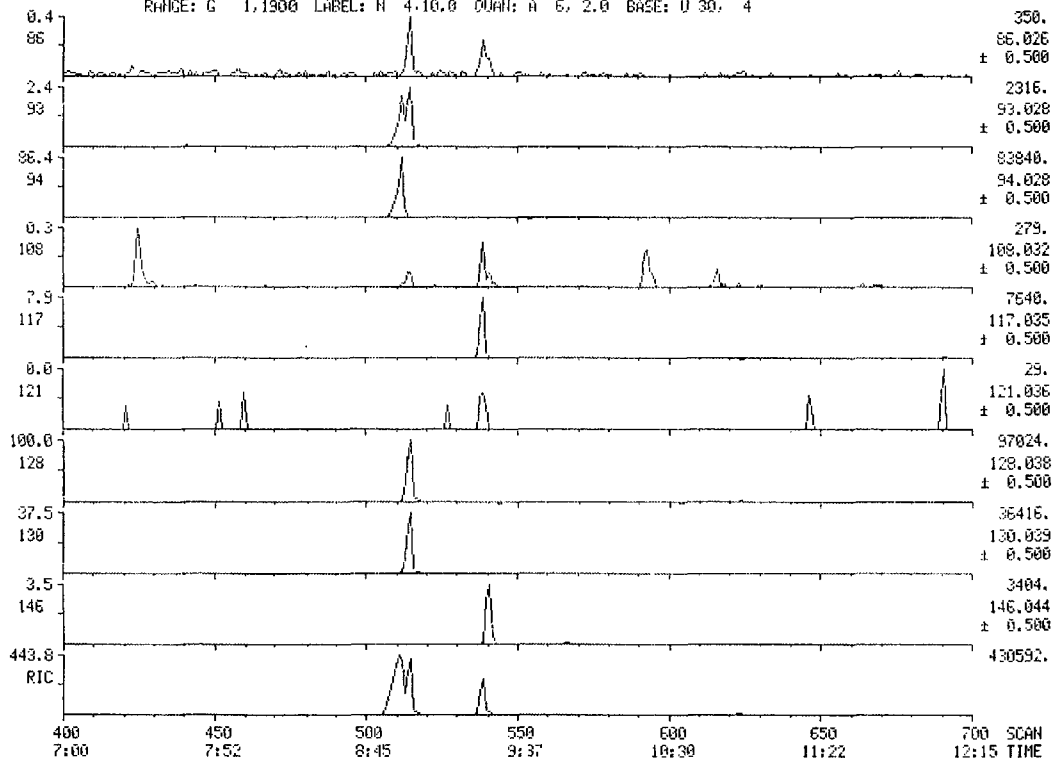
SAMPLE: 1336F-01, DUPLICATE SPIKE, 500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

Inln: 5553001DS4 #1

URL: FC434 #22

SCAN# 400 TO 700



005266

RIC + MASS CHROMATOGRAMS

12 18 84 13:38:00

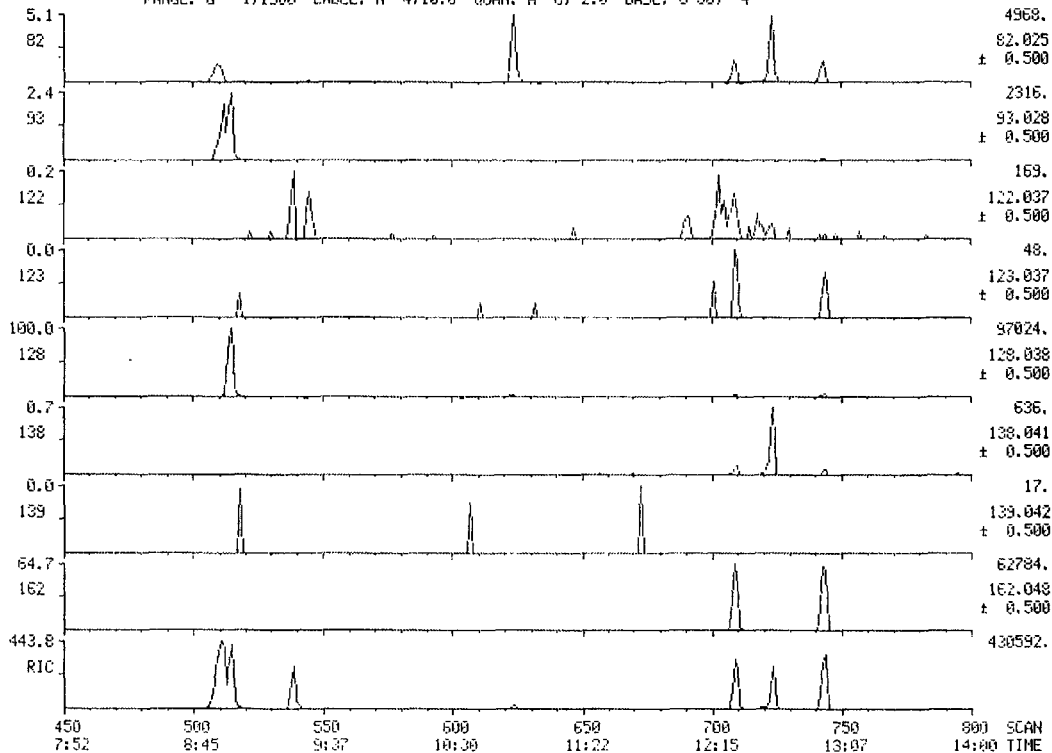
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML

RANGE: G 1,1900 LABEL: N 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 555300105A #1

CALL: FC431 #22

SCAN# 450 TO 800



005267

RIC + MASS CHROMATOGRAMS

12-18-84 13:38:00

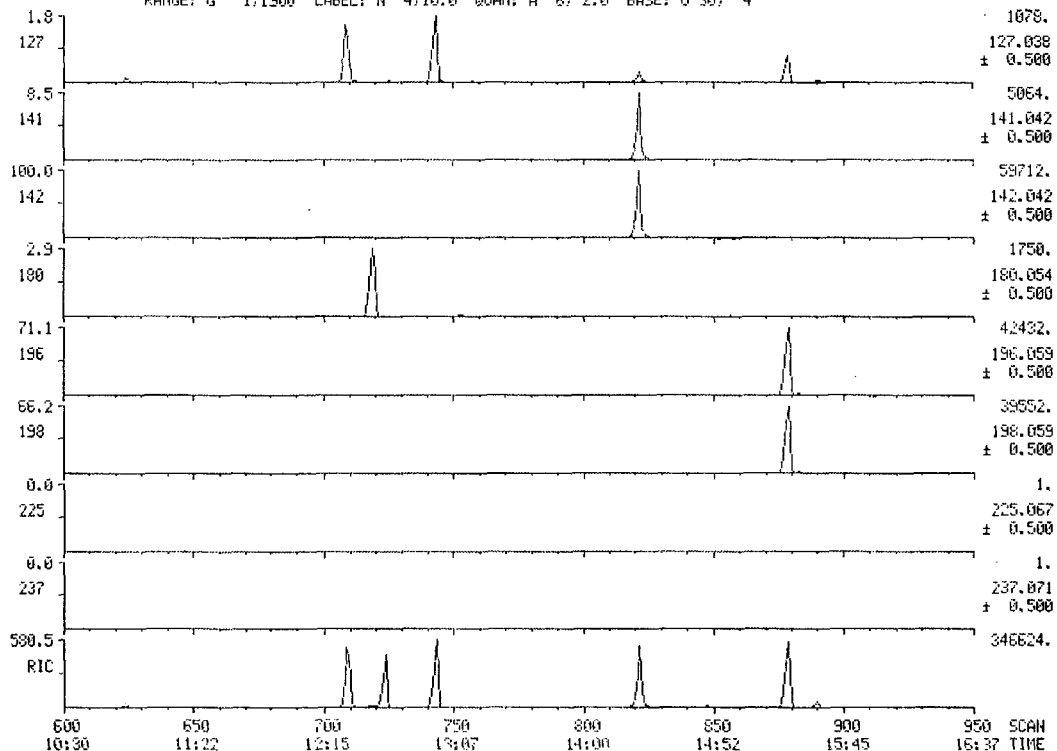
SAMPLE: 1395F-01, DUPLICATE SPIKE, 500ML/ML

RANGE: G 1.1300 LABEL: N 4.10.0 QUAN: A 6; 2.0 BASE: U 30, 4

DATA: S553001054 #1

CALI: FC434 #22

SCAN# 600 TO 950



005268

RIC + MASS CHROMATOGRAMS

DATA: S953001054 41

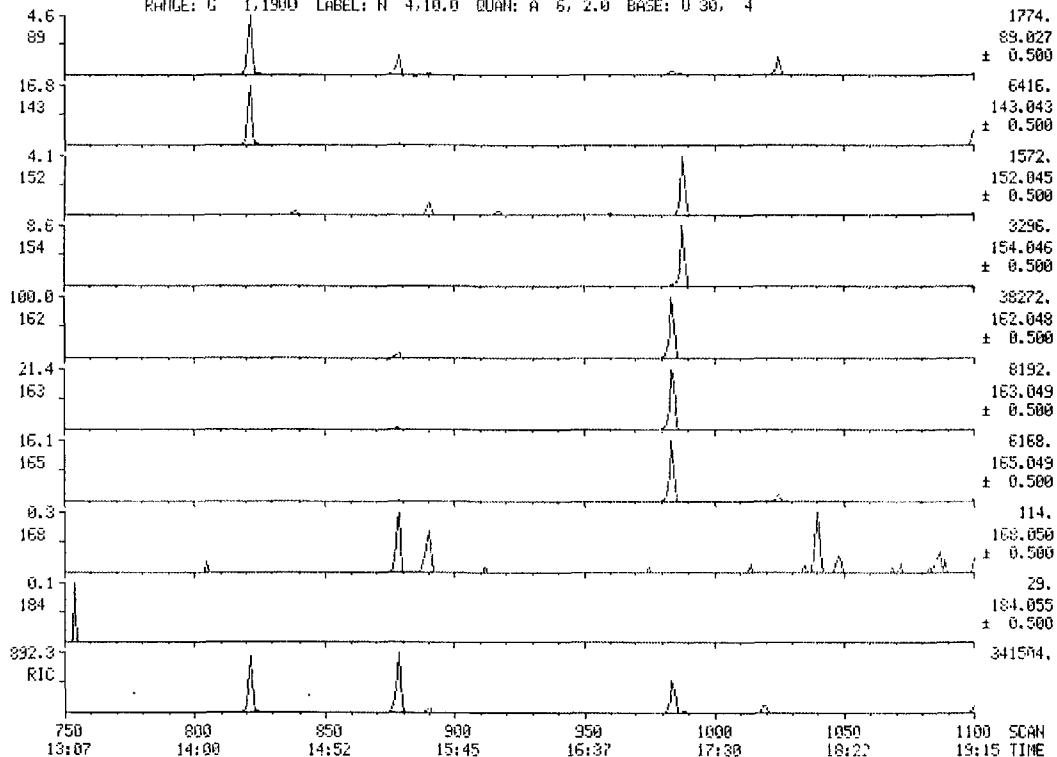
SCANS 750 TO 1100

12-18-84 12:38:00

CALI: FC434 #22

SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/NL

RANGE: C 1.1900 LABEL: N 4.10.0 QUAN: A 5, 2.0 BASE: U 30, 4



005269

RIC + MASS CHROMATOGRAMS

DATA: 855001054 #1

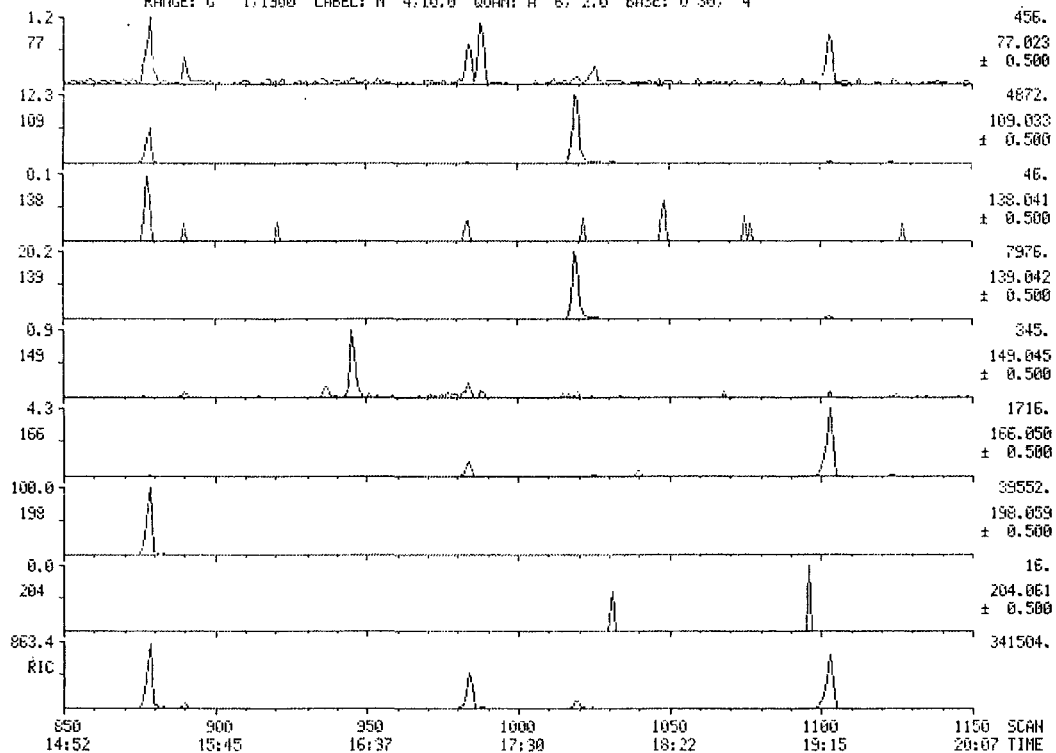
SCAN# 856 10 1150

12 18 84 13:38:00

CALL: FC134 #22

SAMPLE: 1386F-01, DUPLICATE SPIKE, 500NL/ML

RANGE: G 1,1900 LABEL: N 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005270

RIC + MASS CHROMATOGRAMS

Data: S99300105A #1

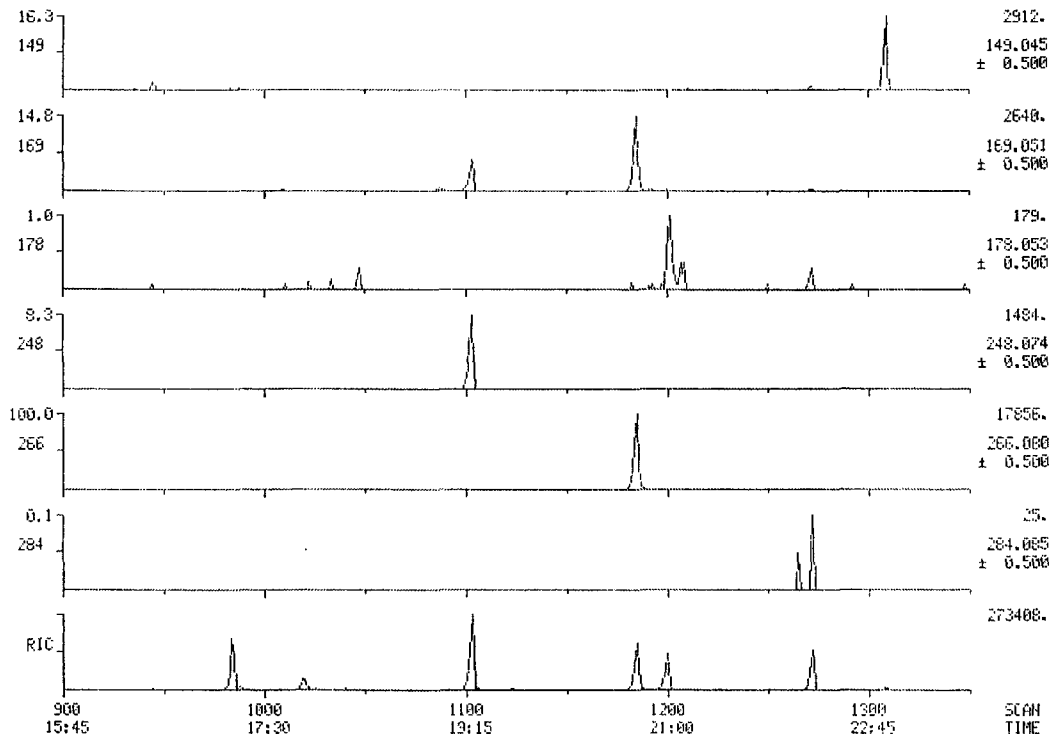
SCANS 900 TO 1350

12-18-04 13:33:00

CALL: FC434 #22

SAMPLE: 1396F-01, DUPLICATE SPIKE, 500NL-NL

RUNGE: G 1.1900 LABEL: N 4.10.0 C0001: A 6, 2.0 BASE: U 30, 4



005271

FIG + MASS CHROMATOGRAMS

12-18-84 13:38:00

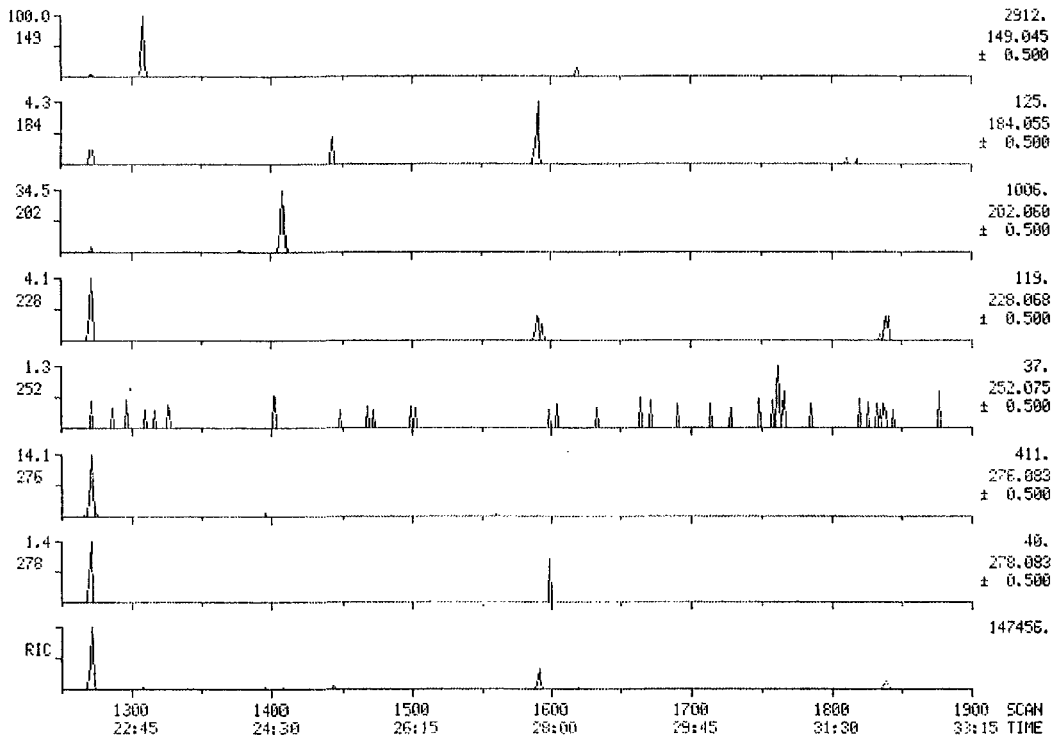
SAMPLE: 1336F-81, DUPLICATE SPIKE, 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6. 2.0 BASE: U 30, 4

Data: S55300105H.FI

CHLI: FC431 IL22

SCANS 1250 TO 1900



005272

RI: + NRES CHROMATOGRAMS

12/18/84 13:32:00

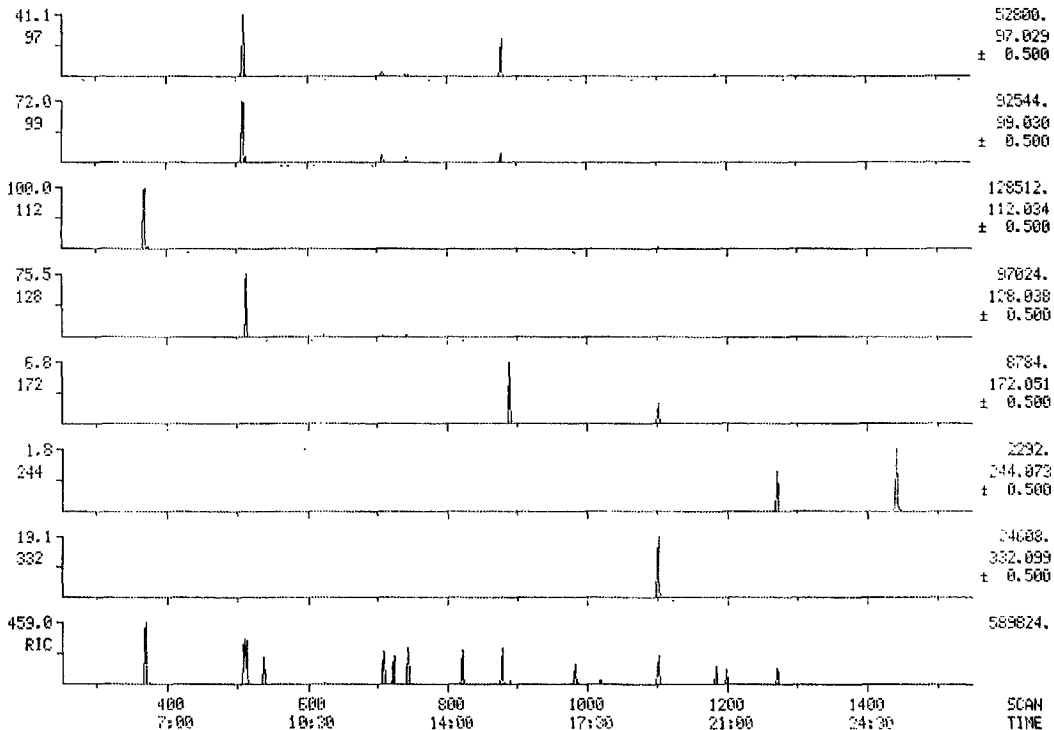
SAMPLE: 1386F-81, DUPLICATE SPIKE, 500NL NL

RANGE: G 1,1900 LABEL: II 4:10,0 QUNT: A 6, 2,0 BASE: U 30, 4

Date: 95500105A #1

FILE: F0034 022

SCANS 150 TO 1550

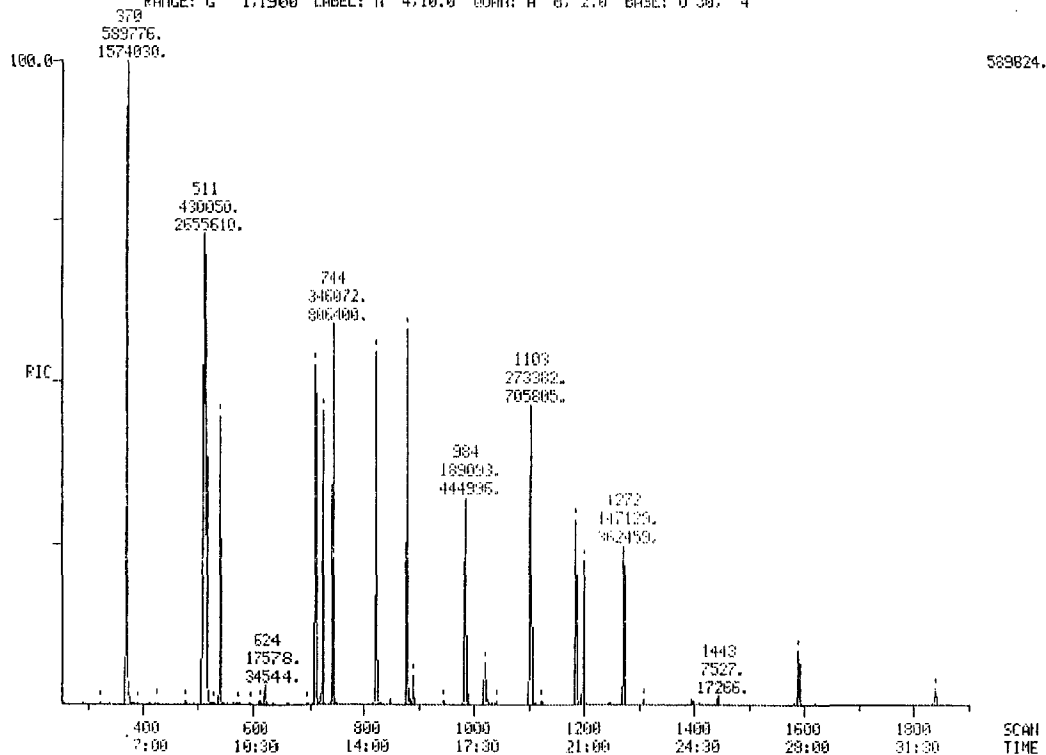


005273

FIC
12-18-64 13:38:00
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
RANGE: G 1.1900 LABEL: N 4.10.0 QUAR: A 6, 2.0 BASE: U 30, 4

Date: 059300105- 01
CALL: FC434 122

Scale: 250 10 1500

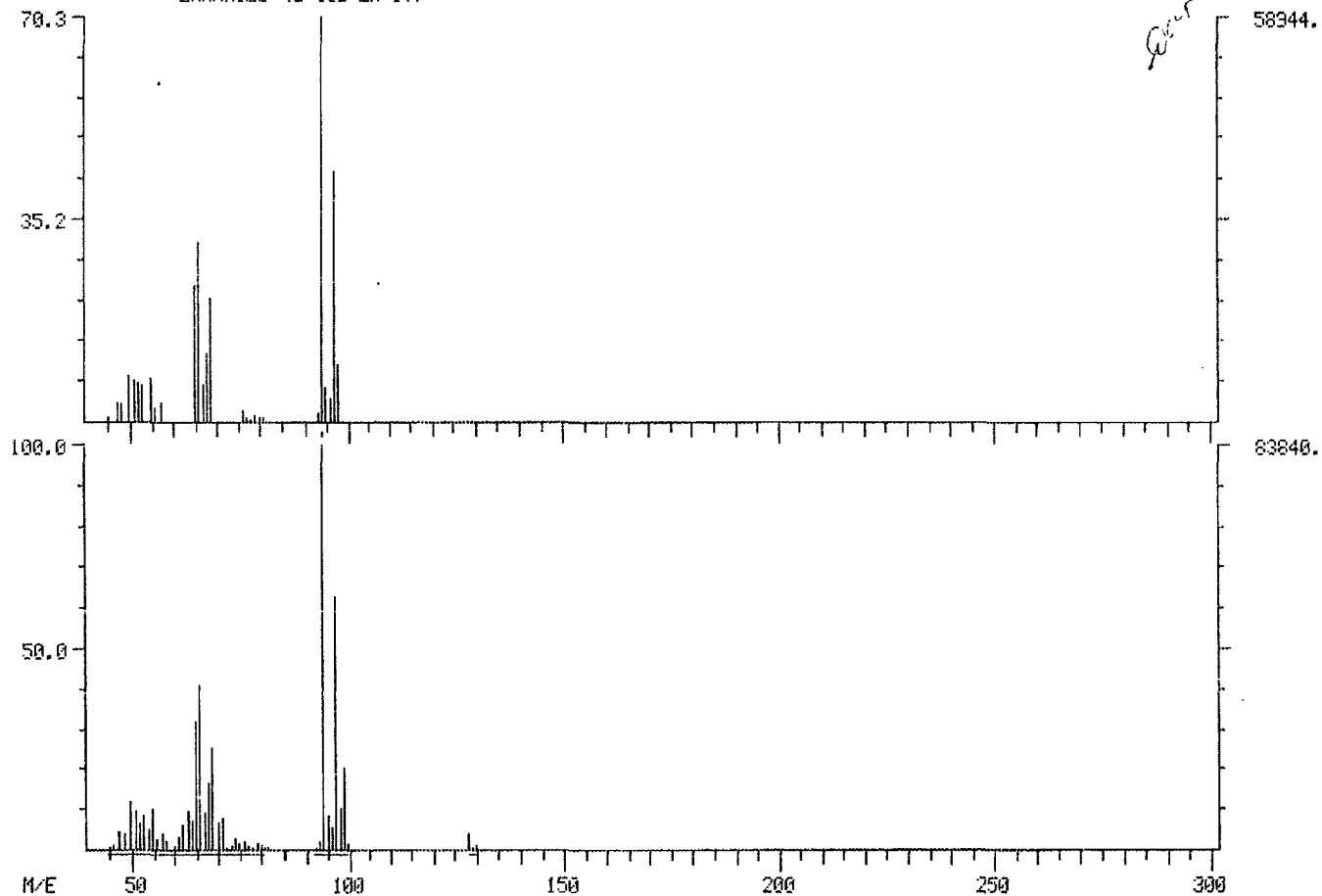


005274

DUAL MASS SPECTRUM
12/18/94 13:38:00 + 8:58
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
ENHANCED (S 15B 2N 0T)

DATA: 555300105A #512
CALI: FC434 #22

BASE M/E: 94/ 94
RIC: 237311.4 392191.

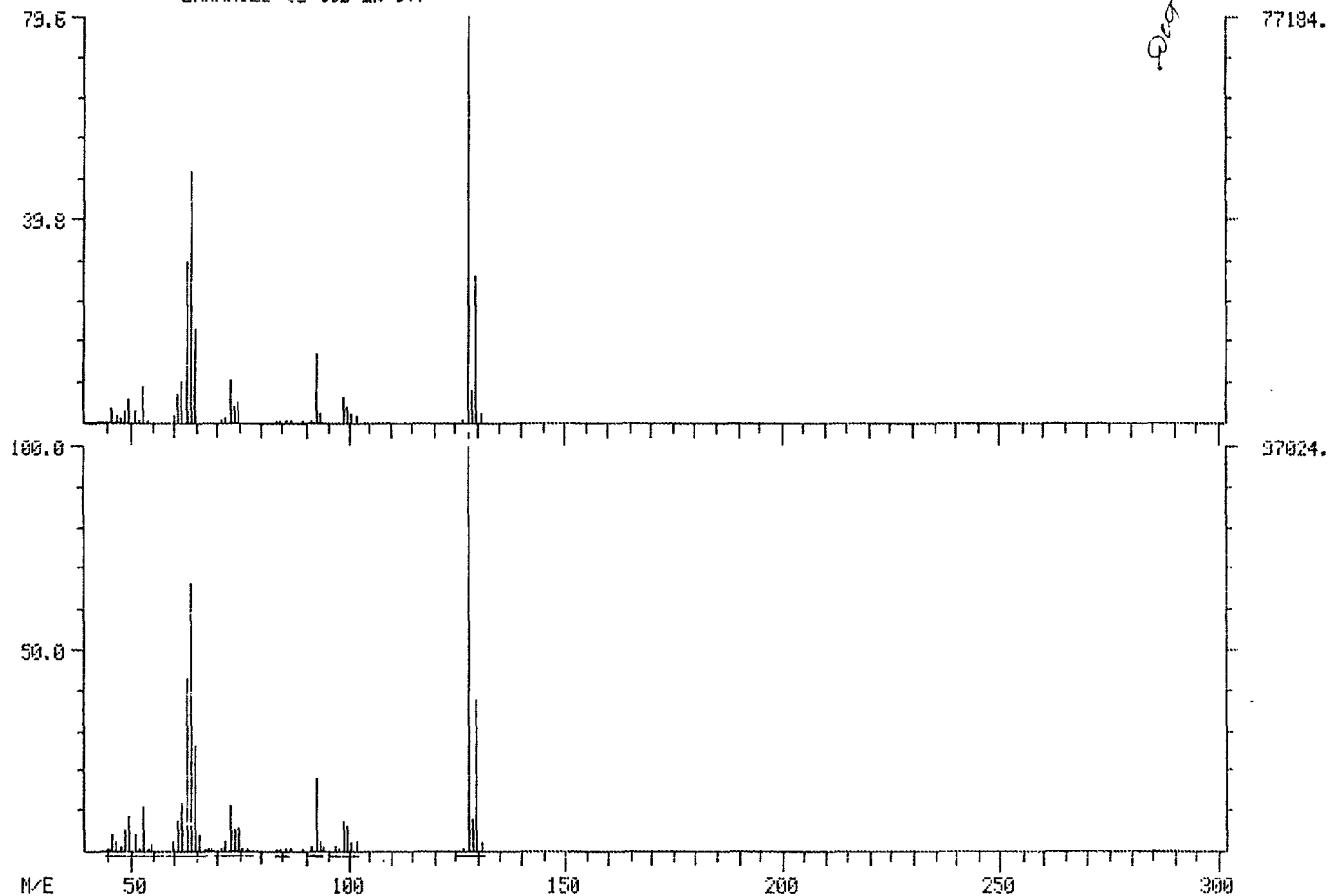


005275

DUAL MASS SPECTRUM
12/18/04 13:33:00 + 9:01
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
ENHANCED (S 15B 2N 0T)

DATA: SSS300105A #515
CALI: FC434 #22

BASE N/E: 129/ 129
RIC: 289791./ 488063.



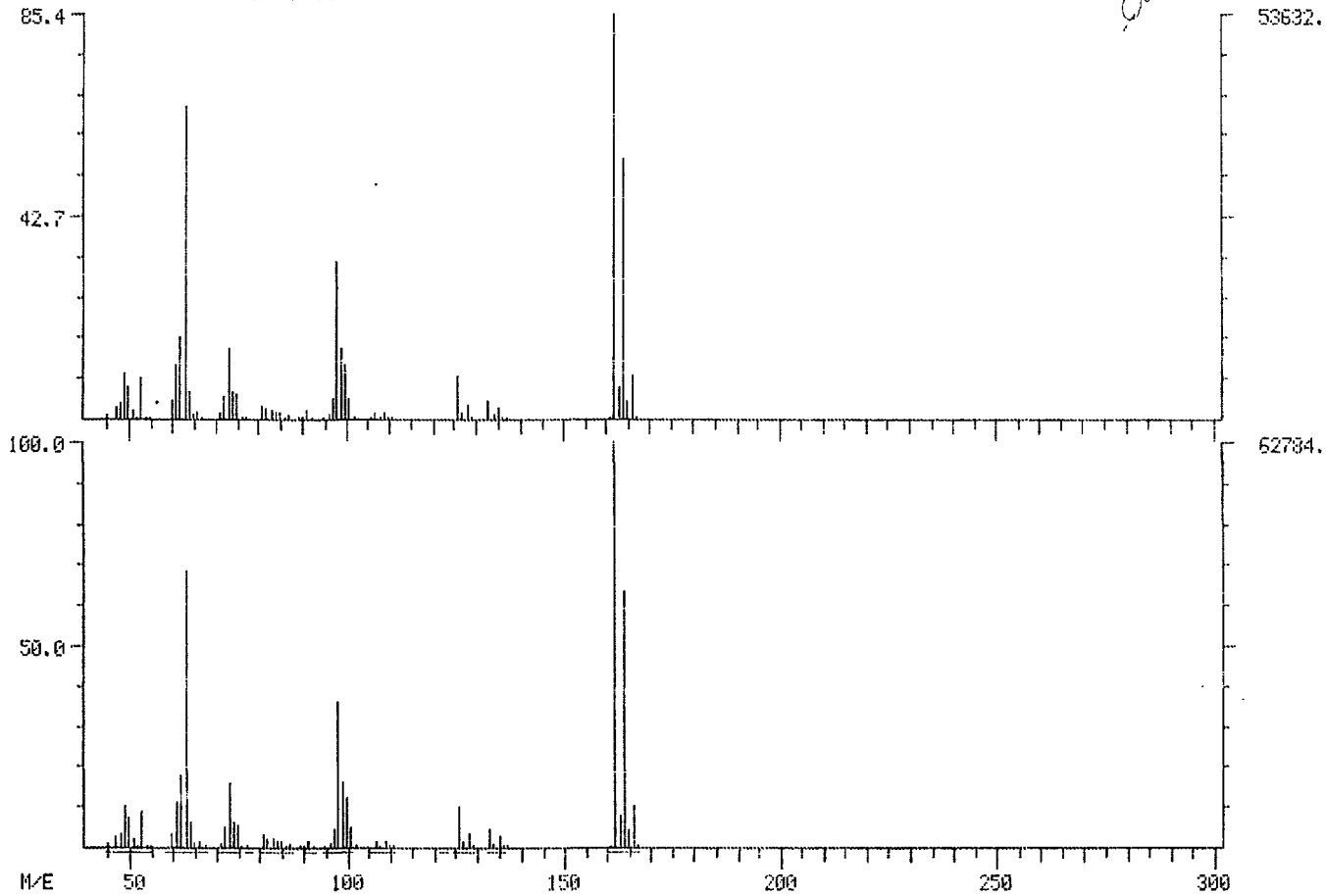
005276

DUAL MASS SPECTRUM
12/18/84 13:38:00 + 12:24
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
ENHANCED (S 15B 2H 0T)

DATA: 555300105A #709
CALI: FC434 #22

BASE M/E: 162 162
RIC: 281387.009759.

Oct

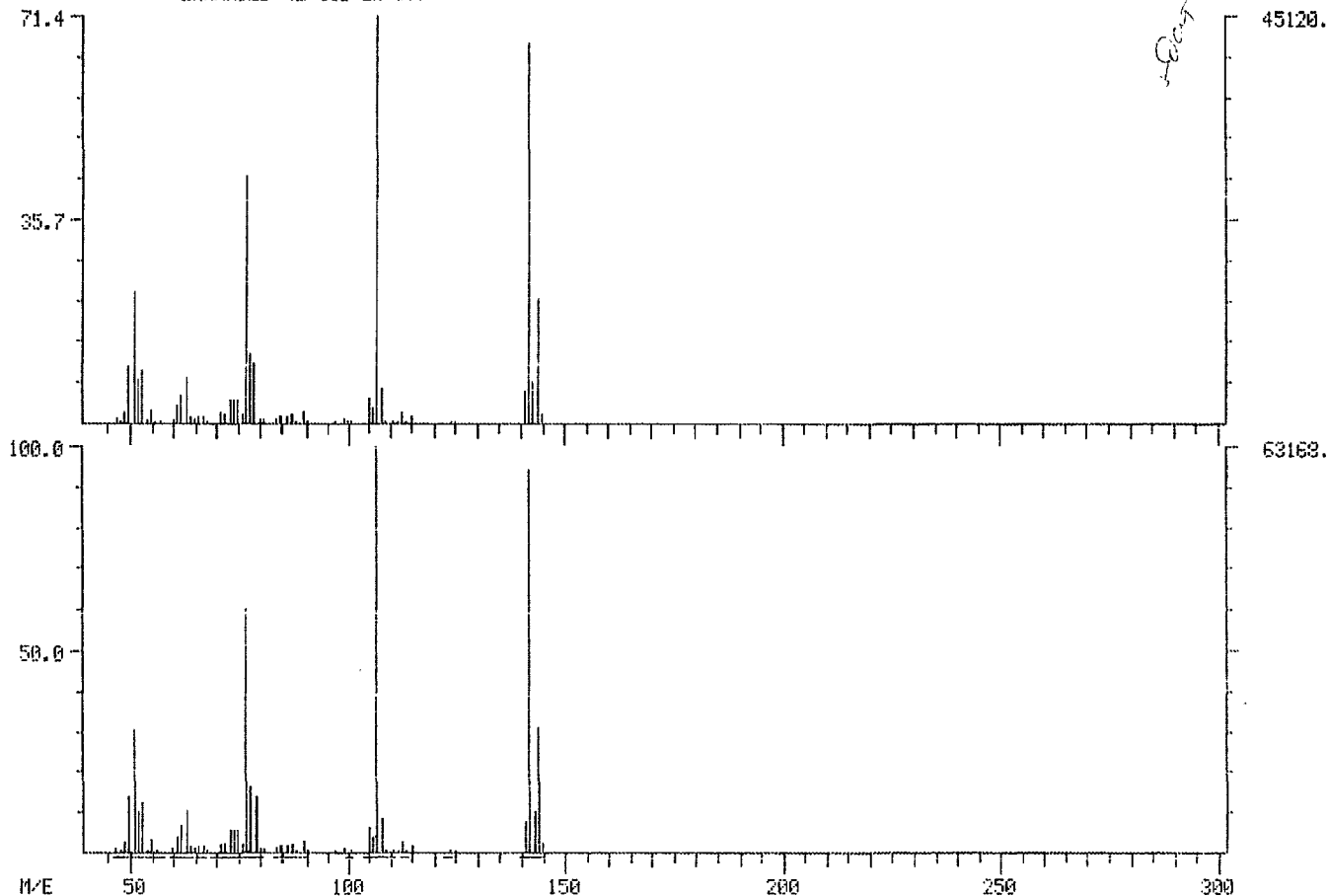


005277

DUAL MASS SPECTRUM
12/18/84 13:38:00 + 14:23
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
ENHANCED (S 158 2H 0T)

DATA: 555300105A #022
CALI: FC434 #22

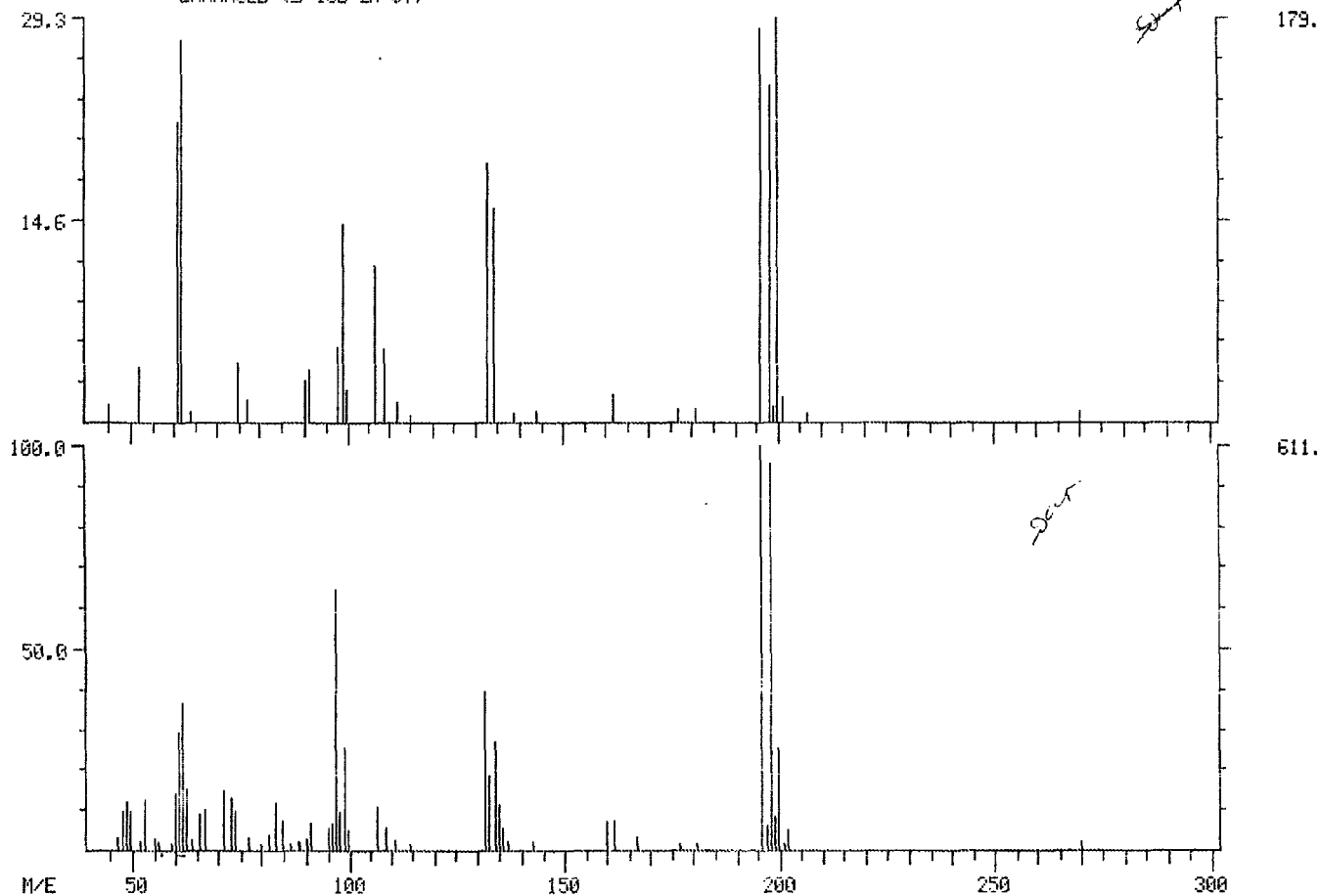
BASE M/E: 107/ 107
RIC: 230911.7 322047.



005278

DUAL MASS SPECTRUM
12/18/84 13:38:00 + 15:27
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
ENHANCED (S 15B 2N 0T)

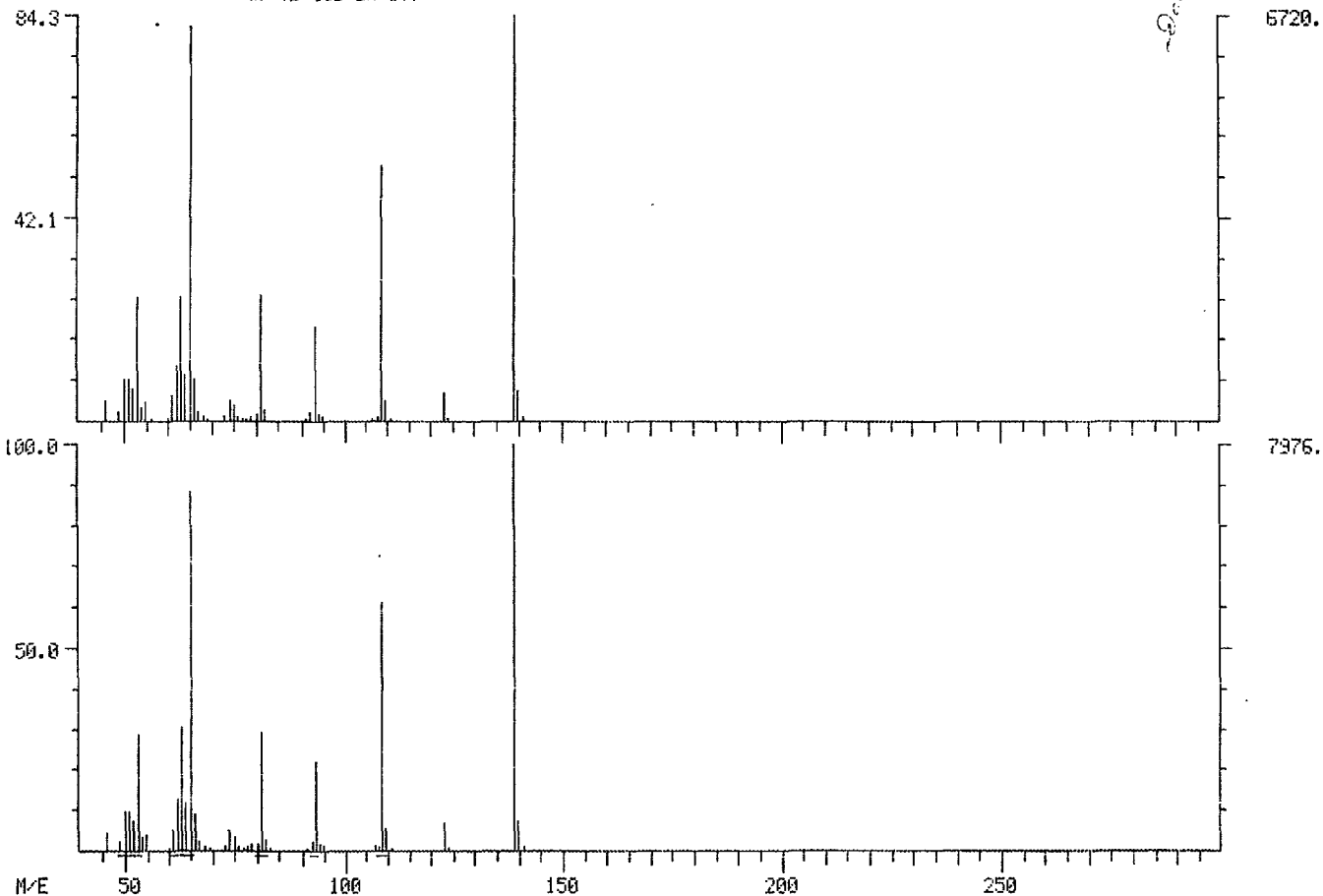
DATA: S55300105A #883 BASE M-E: 200/ 136
CALI: PC434 #22 RIC: 1497.7 4687.



005279

DUAL MASS SPECTRUM
12/18/84 13:38:00 + 17:50
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
ENHANCED (S 150 2N 0T)

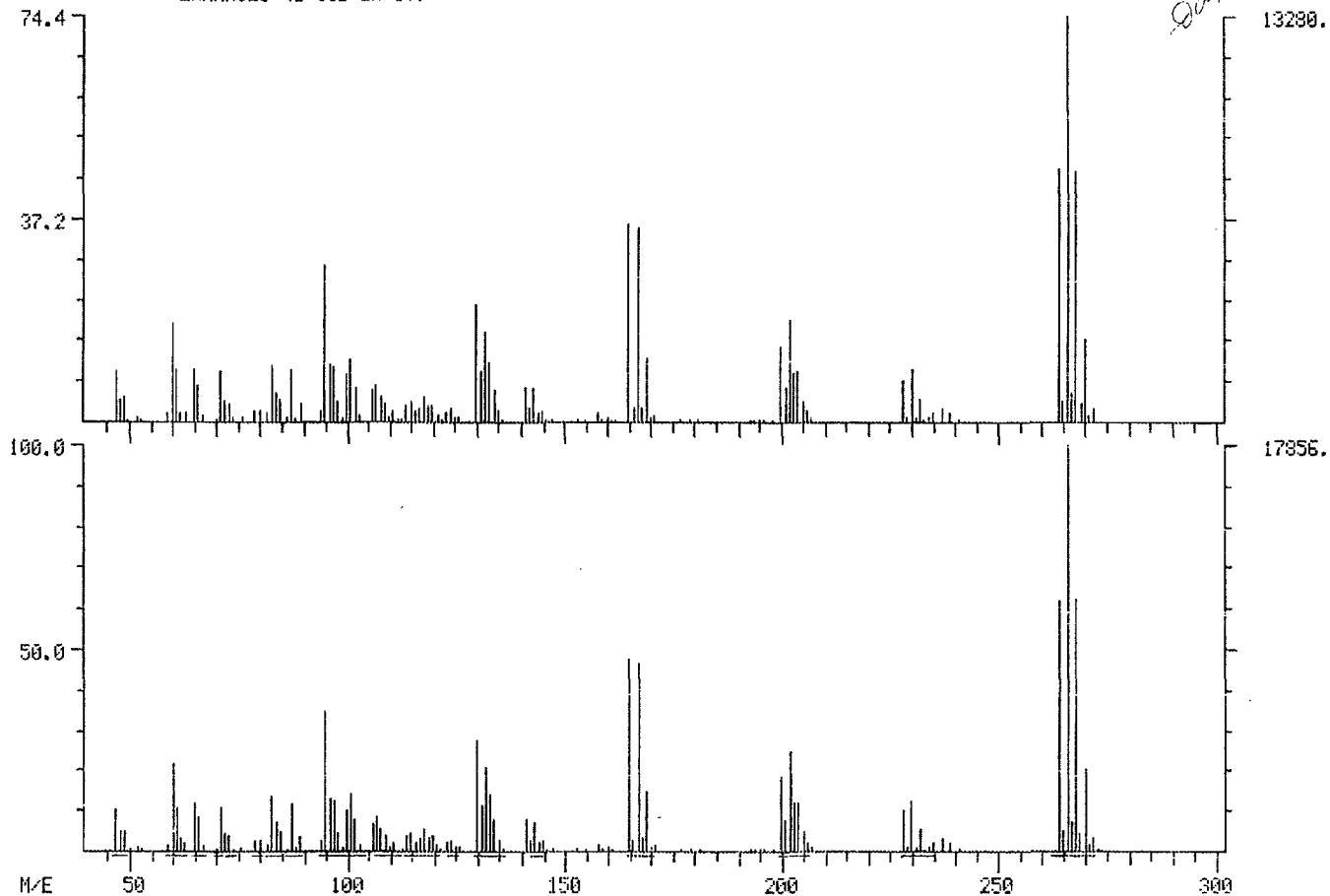
DATA: 5553001050 #1019 BASE N-E: 139. 139
CALI: FC434 #22 RIC: 34303. 39231.



005280

DUAL MASS SPECTRUM
12/18/84 13:38:00 + 20:44
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500ML/ML
ENHANCED (S 158 2N 0T)

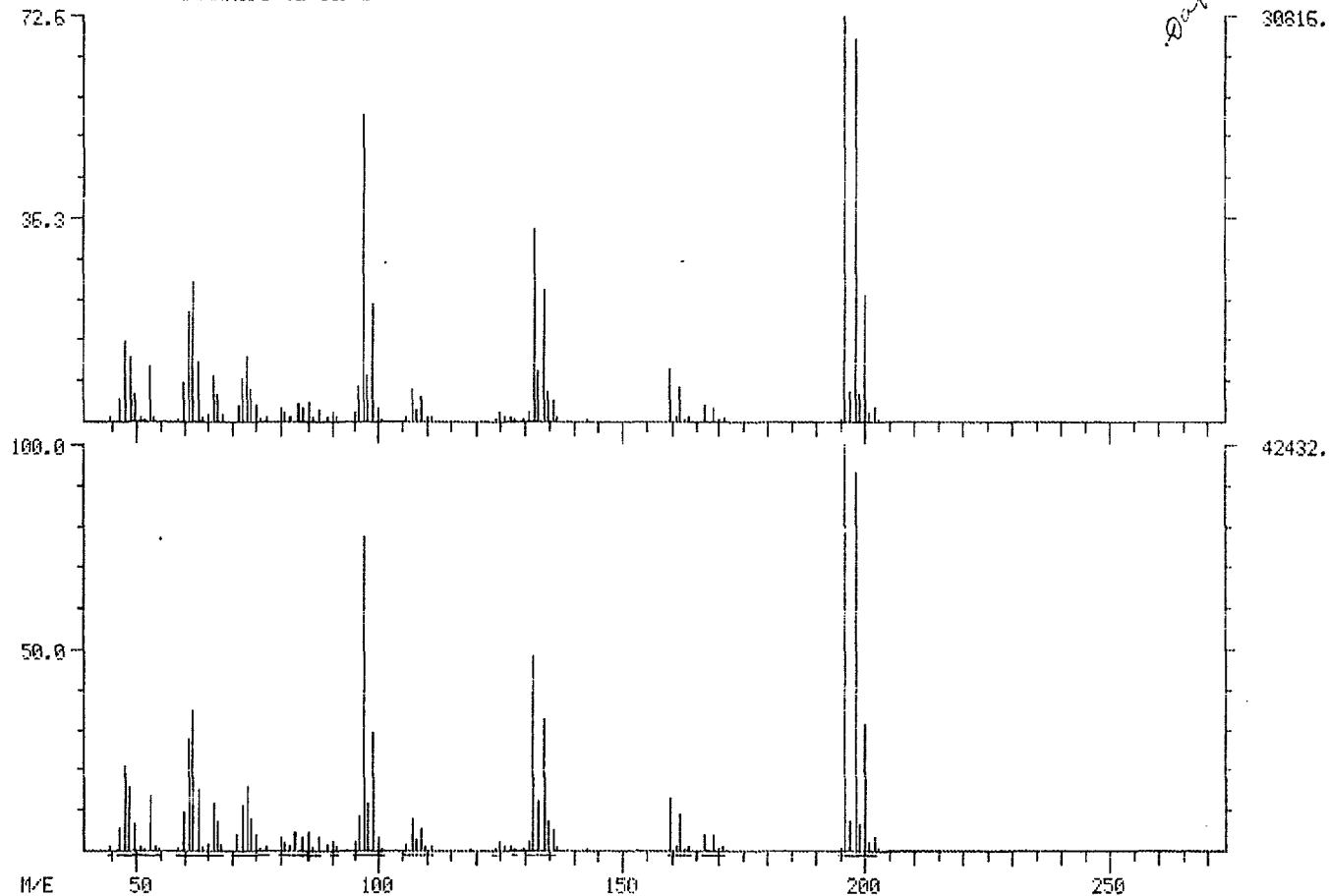
DATA: S553001DSA #1185 BASE M/E: 266/ 266
CALI: F0434 #22 RIC: 132607.1 178239.



005281

DUAL MASS SPECTRUM
12/18/84 13:39:00 + 15:23
SAMPLE: 1396F-01, DUPLICATE SPIKE, 500NL/ML
ENHANCED (S 150 2N 0T)

DATA: S55300109A #879 BASE M/E: 196/196
CALI: FC434 #22 RIC: 243455./ 339967.



005282

Std. I.D.: L41217
 Date Injected: 12/17/84
 Date Extracted: _____

LIA ANALYSIS

Sample I.D.: 55531-1396F-03
 Conc. factor (wet wt.): _____
 Conc. factor (dry wt.): _____

Alt Taylor

SEMIVOLATILES (AEN)

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRI	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
964	D4-1,4-DICHLOROBENZENE	1.000	<u>546</u>	150	<u>88242</u>	<u>40</u>	_____
982	2-FLUOROPHENOL	0.693	<u>377</u>	112	<u>268122</u>	<u>150</u>	_____
61	N-NITROSODIMETHYLAMINE	0.440	_____	74	_____	_____	_____
C5	ANILINE	0.885	_____	93	_____	_____	_____
983	PHENOL-D5	0.945	<u>517</u>	99	<u>248972</u>	<u>128</u>	_____
65	PHENOL	0.947	_____	94	_____	_____	_____
18	BIS(2-CHLOROETHYL)ETHER	0.959	_____	93	_____	_____	_____
24	2-CHLOROPHENOL	0.954	<u>522</u>	128	<u>8752</u>	<u>53</u>	_____
26	1,3-DICHLOROBENZENE	0.987	_____	146	_____	_____	_____
27	1,4-DICHLOROBENZENE	1.003	_____	146	_____	_____	_____
25	1,2-DICHLOROBENZENE	1.050	_____	146	_____	_____	_____
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096	_____	121	_____	_____	_____
12	HEXACHLOROETHANE	1.126	_____	117	_____	_____	_____
C6	BENZYL ALCOHOL	0.791	_____	108	_____	_____	_____
63	N-NITROSODI-N-PROPYLAMINE	0.855	_____	130	_____	_____	_____
C2	2-METHYLPHENOL	0.828	_____	108	_____	_____	_____
C3	4-METHYLPHENOL	0.854	_____	108	_____	_____	_____
987	NAPHTHALENE-D8	1.000	<u>732</u>	136	<u>178216</u>	<u>40</u>	_____
988	NITROBENZENE-D5	0.872	_____	128	_____	_____	_____
56	NITROBENZENE	0.875	_____	123	_____	_____	_____
54	ISOPHORONE	0.920	_____	82	_____	_____	_____
57	2-NITROPHENOL	0.935	_____	139	_____	_____	_____
34	2,4-DIMETHYLPHENOL	0.953	_____	122	_____	_____	_____
43	BIS(2-CHLOROETHOXY)METHANE	0.970	_____	93	_____	_____	_____
31	2,4-DICHLOROPHENOL	0.982	_____	162	_____	_____	_____
C1	BENZOIC ACID	0.982	_____	122	_____	_____	_____

005283

Old Taylor

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RKI	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
8	1,2,4-TRICHLOROENZENE	0.993		150			
55	NAPHTHALENE	1.004		128			
C7	4-CHLOROANILINE	1.030		127			
52	HEXACHLOROBUTADIENE	1.042		225			
22	4-CHLORO-3-METHYLPHENOL	1.127		144			
C9	2-METHYLNAPHTHALENE	1.144		142			
957	ACENAPHTHENE-D10	1.000	<u>994</u>	164	<u>87285</u>	<u>40</u>	
53	HEXACHLOROCYCLOPENTADIENE	1.183		237			
21	2,4,6-TRICHLOROPHENOL	1.201	<u>895</u>	196	<u>1242</u>	<u>1.8</u>	
976	2-FLUOROBIPHENYL	1.217		172			
C4	2,4,5-TRICHLOROPHENOL	1.219	<u>905</u>	1986	<u>873</u>	<u>1.2</u>	
20	2-CHLORONAPHTHALENE	1.230		162			
C10	2-NITROANILINE	1.234		138			
77	ACENAPHTHYLENE	1.309		152			
71	DIMETHY PHTHALATE	1.308		163			
36	2,6-DINITROTOLUENE	1.320		165			
1	ACENAPHTHENE	0.822		154			
59	2,4-DINITROPHENOL	0.834		184			
C8	DIBENZOFURAN	0.843		168			
35	2,4-DINITROTOLUENE	0.851		89			
58	4-NITROPHENOL	0.854		109			
C11	3-NITROANILINE	0.857		138			
80	FLUORENE	0.882		166			
40	4-CHLOROPHENYL ETHER	0.885		204			
70	DIETHYL PHTHALATE	0.887		149			
C12	4-NITROANILINE	0.904		138			
955	2,4,6-TRIBROMOPHENOL	1.120	<u>1114</u>	332	<u>48642</u>	<u>210</u>	

005284

55531
1396 F. 03

Details
Signatures of persons reporting data

EPA NO.	COMPOUND NAME	REF	SCAN No.	ION TO QUANT	AREA	QUAN LIST	ug/L or ug/kg
962	PHENANTHRENE-D10	1.000	<u>1211</u>	184	<u>101064</u>	<u>40</u>	_____
60	4,6-DINITRO-O-CRESOL	0.900	_____	198	_____	_____	_____
37	1,2-DIPHENYLHYDRAZINE	_____	_____	77	_____	_____	_____
62	DIPHENYLAMINE	0.901	_____	169	_____	_____	_____
41	4-BROMOPHENYL PHENYL ETHER	0.943	_____	248	_____	_____	_____
9	HEXACHLOROBENZENE	0.958	_____	284	_____	_____	_____
64	PENTACHLOROPHENOL	0.982	_____	266	_____	_____	_____
81	PHENANTHRENE	0.997	_____	178	_____	_____	_____
78	ANTHRACENE	1.002	_____	178	_____	_____	_____
68	DI-N-BUTYL PHTHALATE	1.051	_____	149	_____	_____	_____
39	FLUOROANTHENE	1.142	_____	202	_____	_____	_____
961	CHRYSENE-D12	1.000	<u>1605</u>	240	<u>44190</u>	<u>40</u>	_____
954	TERPHENYL-D14	1.201	_____	244	_____	_____	_____
84	PYRENE	1.169	_____	202	_____	_____	_____
5	BENZIDINE	0.886	_____	184	_____	_____	_____
67	BUTYL BENZYL PHTHALATE	0.955	_____	149	_____	_____	_____
72	BENZO(A)ANTHRACENE	0.998	_____	228	_____	_____	_____
76	CHRYSENE	1.003	_____	228	_____	_____	_____
28	3,3'-DICHLOROBENZIDINE	1.002	_____	252	_____	_____	_____
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019	_____	149	_____	_____	_____
952	PERYLENE-D12	1.000	<u>1865</u>	264	<u>25548</u>	<u>40</u>	_____
69	DI-N-OCTYL PHTHALATE	1.104	_____	149	_____	_____	_____
74	3,4-BENZOFLUOROANTHENE AND/OR	_____	_____	252	_____	_____	_____
75	BENZO(K)FLUORANTHENE	_____	_____	252	_____	_____	_____
73	BENZO(A)PYRENE	1.004	_____	252	_____	_____	_____
83	INDENO(1,2,3-CD)PYRENE	_____	_____	276	_____	_____	_____
82	DIBENZO(A,H)ANTHRACENE	1.259	_____	278	_____	_____	_____
79	BENZO(GHI)PERYLENE	1.317	_____	276	_____	_____	_____

005285

SYSTEM, SCIENCE + SOFTWARE DIAGNOSTICS

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FO434

12/17/84

1376F-03, 1UL OF 1ML CONC., 500ML/ML

F4

NO	LIB	ID	M/E	SCAN	FREQ	DELTA	FIT	FUR	MATCH	AREA
1	LL	964:	150	546	547	1	994	765	95.	88241.
2	LL	982:	112	377	373	-2	990	886	100.	268122.
3	LL	61:	74	---	101	NO PEAKS	FOUND			
4	LL	CS:	93	510	508	-2	843	41	52.	22.
				-506		2	629	15	48.	
				-504		4	613	15	39.	
5	LL	983:	99	517	517	0	991	837	99.	248972.
6	LL	65:	94	514	519	5	634	45	41.	46.
				-525		-6	553	81	39.	
				-521		-2	539	70	38.	
7	LL	18:	93	522	523	-1	464	114	36.	308.
				-528		-1	462	61	34.	
				-530		-7	477	59	29.	
8	LL	24:	128	522	521	-1	783	439	69.	8752.
9	LL	26:	146	540	539	-1	719	219	54.	591.
10	LL	27:	146	540	548	8	717	217	41.	591.
				-548		0	226	75	23.	
				-552		-4	212	48	20.	
11	LL	25:	146	574	574	0	663	196	46.	238.
				-566		8	467	35	24.	
12	LL	42:	121	596	600	4	416	76	32.	15.
13	LL	12:	117	624	616	-8	317	63	20.	162.
				-610		6	220	16	19.	
				-606		10	242	19	12.	
14	LL	64:	108	570	577	-7	777	59	42.	18.
15	LL	63:	130	622	622	0	357	114	31.	18.
				-619		-10	323	100	30.	
				-625		-10	323	86	27.	
16	LL	62:	108	604	600	-4	779	62	51.	161.
				-602		-10	679	46	44.	
				-598		-10	524	22	35.	
17	LL	63:	108	628	623	-5	790	59	50.	27.
				-621		0	763	55	48.	
				-618		0	662	57	43.	
18	LL	987:	136	732	733	1	929	790	93.	178216.
19	LL	988:	128	634	632	-2	994	690	92.	4354.
20	LL	56:	129	641	636	-5	887	44	54.	23.
				-637		-1	347	9	25.	
21	LL	54:	82	669	672	3	650	37	42.	26.
				-675		-3	599	88	42.	
				-678		-6	520	84	38.	
22	LL	57:	139	---	682	NO PEAKS	FOUND			
23	LL	34:	122	---	698	NO PEAKS	FOUND			
24	LL	43:	93	717	712	-5	667	42	43.	26.
				-707		0	676	23	42.	
				-709		0	621	42	41.	
25	LL	31:	162	729	719	-10	282	19	14.	11.
26	LL	61:	122	732	727	-5	619	10	39.	73.
				-728		-1	591	30	39.	
				-718		-9	867	99	37.	
27	LL	8:	180	728	728	0	630	39	41.	23.
28	LL	55:	128	728	735	-7	683	32	37.	14.
				-740		-5	476	11	32.	
				-730		-5	469	8	31.	
29	LL	67:	127	760	758	-2	527	20	35.	10.
30	LL	52:	225	---	744	NO PEAKS	FOUND			
31	LL	22:	144	826	831	5	206	26	19.	10.
32	LL	69:	142	846	836	-9	837	42	39.	78.
				-837		1	370	15	27.	
33	LL	937:	164	994	995	1	994	703	92.	87285.
34	LL	53:	237	---	872	NO PEAKS	FOUND			
35	LL	21:	196	895	887	-8	943	587	63.	1241.
36	LL	976:	172	901	899	-2	960	660	88.	20434.
37	LL	64:	196	895	887	-8	966	428	58.	1241.
38	LL	20:	162	---	909	NO PEAKS	FOUND			
39	LL	C10:	138	---	937	NO PEAKS	FOUND			
40	LL	77:	152	970	970	0	800	28	49.	39.
				-966		4	717	67	47.	
				-972		-2	731	31	46.	
41	LL	71:	163	964	972	8	625	21	38.	11.

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43	LL	1:	154	991	998	-10	511	61	22.	
				995		3	567	2	36.	293.
				991		7	467	6	27.	
44	LL	59:	184	---	1017	NO	PEAKS	FOUND		
45	LL	09:	168	---	1022	-4	838	56	52.	11.
46	LL	35:	89	---	1041	-4	200	19	18.	11.
				-1046		-9	351	49	18.	
47	LL	58:	107	---	1038	2	311	68	26.	11.
				-1045	1040	-5	325	54	26.	
				-1033		7	303	45	22.	
48	LL	C11:	138	---	995	NO	PEAKS	FOUND		
49	LL	80:	166	---	1073	0	613	51	41.	12.
				-1075		-2	326	26	25.	
50	LL	40:	204	---	1079	NO	PEAKS	FOUND		
51	LL	70:	149	---	1077	0	738	51	47.	19.
				-1079		-2	636	33	41.	
				-1081		-4	615	17	39.	
52	LL	C12:	138	---	1103	NO	PEAKS	FOUND		
53	LL	955:	332	---	1114	-1	974	716	92.	44641.
54	LL	962:	188	---	1211	0	979	660	89.	101064.
55	LL	60:	198	---	1096	NO	PEAKS	FOUND		
56	LL	37:	77	---	1106	-6	833	88	54.	62.
				-1100	1100	0	756	72	49.	
				-1095		5	696	90	47.	
57	LL	62:	169	---	1101	-1	935	266	68.	492.
				-1103		-3	793	188	57.	
58	LL	41:	248	---	1154	-4	527	57	37.	10.
				-1143	1150	7	569	63	34.	
59	LL	9:	284	---	1167	NO	PEAKS	FOUND		
60	LL	64:	266	---	1207	-9	503	41	23.	57.
61	LL	81:	178	---	1214	1	889	11	52.	388.
				-1220	1215	-4	710	16	44.	
				-1211		4	557	1	35.	
62	LL	78:	178	---	1220	1	710	16	44.	160.
				-1222	1221	-1	662	15	41.	
				-1224		-3	622	19	40.	
63	LL	68:	149	---	1321	-1	954	328	72.	1564.
				-1314	1320	6	846	17	51.	
64	LL	39:	202	---	1396	-5	651	26	41.	69.
				-1387	1391	4	600	9	38.	
65	LL	961:	240	---	1605	-1	786	401	67.	44189.
				-1597	1604	7	710	30	38.	
66	LL	954:	244	---	1457	-1	992	382	76.	11771.
				-1453	1456	3	987	174	66.	
67	LL	84:	202	---	1425	-1	695	50	45.	134.
				-1419	1424	-5	529	7	34.	
				-1433		-9	571	11	24.	
68	LL	5:	184	---	1483	NO	PEAKS	FOUND		
69	LL	67:	149	---	1541	-1	637	28	41.	55.
				-1539	1540	1	622	22	40.	
				-1536		4	600	24	37.	
70	LL	72:	228	---	1605	-2	783	3	47.	135.
				-1608	1603	-5	589	4	37.	
				-1599		4	352	4	25.	
71	LL	76:	228	---	1607	0	848	6	50.	133.
				-1605	1609	4	720	3	44.	
				-1611		-2	610	5	38.	
72	LL	28:	252	---	1605	4	397	4	28.	12.
73	LL	66:	149	---	1630	1	728	135	51.	1586.
***** WARNING: QUESTIONABLE AREA MEASUREMENT # 73 *****										
				-1636		-5	415	35	30.	
				-1625		6	331	29	25.	
74	LL	952:	264	---	1865	-3	973	418	77.	25547.
				-1856	1862	6	982	62	60.	
75	LL	69:	149	---	1733	-1	242	31	21.	78.
				-1729	1734	-5	208	31	19.	
				-1737		-3	202	32	17.	
76	LL	74:	252	---	1789	0	515	8	34.	25.
				-1791	1789	-2	475	8	32.	
				-1793		-4	425	6	29.	
77	LL	73:	252	---	1854	-2	471	8	31.	15.
				-1857	1852	-5	415	8	29.	
				-1849		3	263	4	21.	
PREDICTED	SCAN	#	OUTSIDE	LIMITS						
78	LL	83:	276	---	2172	NO	PEAKS	FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS						
79	LL	82:	278	---	2187	NO	PEAKS	FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS						
80	LL	79:	276	---	2267	NO	PEAKS	FOUND		

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QUANTITATION REPORT FILE: S553101A8

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

NO	NAME
1	964: D4-1,4-DICHLOROBENZENE (Q 150)
2	982: 2-FLUOROPHENOL (Q 112)
3	61: N-NITROSODIMETHYLAMINE (Q74, R10:2:9)
4	65: ANILINE (Q 93)
5	983: D5-PHENOL (Q99, R4:10)
6	65: PHENOL (Q94, R2:2:10)
7	18: BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24: 2-CHLOROPHENOL (Q128, R5:10:3)
9	26: 1,3-DICHLOROBENZENE (Q146, R1:10:6)
10	27: 1,4-DICHLOROBENZENE (Q146, R1,10,6)
11	25: 1,2-DICHLOROBENZENE (Q146, R1:10:6)
12	42: BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12: HEXACHLOROETHANE (Q117, R10:6:10)
14	66: BENZYL ALCOHOL (Q 108)
15	63: N-NITROSODI-N-PROPYLAMINE (Q130, R6:1:2)
16	62: 2-METHYLPHENOL (Q 108)
17	63: 4-METHYLPHENOL (Q 108)
18	987: NAPHTHALENE-D8 (Q136)
19	988: NITROBENZENE-D5 (Q128)
20	56: NITROBENZENE (Q123, R1,5:10:5)
21	54: ISOPHORONE (Q82, R10:1:2)
22	57: 2-NITROPHENOL (Q139, R3:0,8:10)
23	34: 2,4-DIMETHYLPHENOL (Q122, R9:5:10)
24	43: BIS (2-CHLOROETHOXY) METHANE (Q73, R10:3:2)
25	31: 2,4-DICHLOROPHENOL (Q162, R6:10:6)
26	61: BENZOIC ACID (Q 122)
27	8: 1,2,4-TRICHLOROBENZENE (Q180, R3:10:9)
28	55: NAPHTHALENE (Q128, R1:10:1)
29	67: 4-CHLOROANILINE (Q 127)
30	52: HEXACHLOROBUTADIENE (Q225, R6:10:6)
31	22: 4-CHLORO-3-METHYLPHENOL (Q 144)
32	69: 2-METHYLNAPHTHALENE (Q 142)
33	957: D10-ACENAPHTHENE (Q164)
34	53: HEXACHLOROCYCLOPENTADIENE (Q237, R6:10:1)
35	21: 2,4,6-TRICHLOROPHENOL (Q176, R10:9:3)
36	976: 2-FLUOROBIPHENYL (Q172, R1,5,2,4:10)
37	64: 2,4,5-TRICHLOROPHENOL (Q 176)
38	20: 2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	610: 2-NITROANILINE (Q 138)
40	77: ACENAPHTHYLENE (Q152, R2:10:2)
41	71: DIMETHYL PHTHALATE (Q163, R10:1:1)
42	36: 2,6-DINITROTOLUENE (Q165, R2:7:10)
43	1: ACENAPHTHENE (Q154, R5:10:10)
44	59: 2,4-DINITROPHENOL (Q184, R6:5:10)
45	68: DIBENZOFURAN (Q 168)
46	35: 2,4-DINITROTOLUENE (Q89, R7:2:10)
47	58: 4-NITROPHENOL (Q109, R10:7:5)
48	C11: 3-NITROANILINE (Q 138)
49	80: FLUORENE (Q166, R8:10:1,4)
50	40: 4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70: DIETHYL PHTHALATE (Q149, R10:1:2)
52	C12: 4-NITROANILINE (Q 138)
53	955: 2,4,6-TRIBROMOPHENOL (Q332)

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- NO NAME
- 54 962: D10-PHENANTHRENE (Q 188)
- 55 60: 4,6-DINITRO-2-METHYLPHENOL (Q 198)
- 56 37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
- 57 62: N-NITROSODIPHENYLAMINE (Q169, R5:7:10)
- 58 41: 4-BROMOPHENYL PHENYL ETHER (Q248, R5:10:10)
- 59 9: HEXACHLOROBENZENE (Q284, R3:2:10)
- 60 64: PENTACHLOROPHENOL (Q266, R6:10:6)
- 61 81: PHENANTHRENE (Q 178)
- 62 78: ANTHRACENE (Q 178)
- 63 68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
- 64 39: FLUORANTHENE (Q202, R1:2:10)
- 65 961: D12-CHRYSENE (Q240)
- 66 954: D14-TERPHENYL (Q244)
- 67 84: PYRENE (Q202, R3:2:10)
- 68 5: BENZIDINE (Q184, R2:10:1)
- 69 67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
- 70 72: BENZO(A)ANTHRACENE (Q 228)
- 71 76: CHRYSENE (Q 228)
- 72 28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
- 73 66: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
- 74 932: D12-PERYLENE (Q 264)
- 75 69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
- 76 74: 3,4-BENZOFLUORANTHENE &/OR BENZO(K)FLUORANTHENE (Q252)
- 77 73: BENZO(A)PYRENE (Q252, R2:10:2)
- 78 83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
- 79 82: DIBENZO(A,H)ANTHRACENE (Q278, R2:10:2)
- 80 79: BENZO(GH)PERYLENE (Q276, R4:10:3)

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	XTOT	
1	150	546	9:33	1	1.000	A BV	98242.	40.000 UG/L	5.24	
2	112	377	6:36	1	0.690	A BB	266122.	149.978 UG/L	19.66	
3	NOT FOUND									
4	93	510	8:55	1	0.934	A BV	23.	0.045 UG/L	0.01	
5	99	517	9:03	1	0.947	A BB	248972.	127.659 UG/L	16.73	
6	94	514	9:00	1	0.941	A BB	47.	0.020 UG/L	0.00	
7	93	522	9:08	1	0.936	A BV	309.	0.131 UG/L	0.02	
8	128	522	9:08	1	0.936	A BB	8752.	5.343 UG/L	0.70	
9	146	540	9:27	1	0.989	A BV	592.	0.312 UG/L	0.04	
10	146	540	9:27	1	0.989	A BV	592.	0.331 UG/L	0.04	
11	146	574	10:03	1	1.051	A BB	239.	0.124 UG/L	0.02	
12	121	596	10:26	1	1.072	A BB	16.	0.026 UG/L	0.00	
13	117	624	10:39	1	1.143	A BB	163.	0.180 UG/L	0.02	
14	108	579	9:59	1	1.044	A BB	19.	0.024 UG/L	0.00	
15	130	622	10:53	1	1.139	A BB	19.	0.065 UG/L	0.01	
16	108	604	10:34	1	1.106	A BV	162.	0.117 UG/L	0.02	
17	108	628	10:59	1	1.150	A BB	28.	0.020 UG/L	0.00	
18	136	732	12:49	18	1.000	A BB	178216.	40.000 UG/L	5.24	
19	123	634	11:06	18	0.866	A BV	4355.	4.559 UG/L	0.60	
20	123	641	11:13	18	0.876	A BB	24.	0.022 UG/L	0.00	
21	82	669	11:42	18	0.914	A BV	27.	0.008 UG/L	0.00	
22	NOT FOUND									
23	NOT FOUND									
24	93	717	12:33	18	0.980	A BB	27.	0.012 UG/L	0.00	
25	162	729	12:45	18	0.996	A BB	12.	0.009 UG/L	0.00	
26	122	732	12:49	18	1.000	A BB	74.	0.155 UG/L	0.02	
27	180	728	12:44	18	0.995	A BB	24.	0.016 UG/L	0.00	

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HCHT)	AMOUNT	%TOT
28	128	728	12:44	18	0.995	A BB	15.	0.004 UG/L	0.00
29	127	749	13:18	18	1.038	A BB	11.	0.028 UG/L	0.00
30	NOT FOUND								
31	144	826	14:27	18	1.128	A BB	11.	0.029 UG/L	0.00
32	142	846	14:48	18	1.156	A BB	79.	0.023 UG/L	0.00
33	164	994	17:24	33	1.000	A BV	87285.	40.000 UG/L	5.24
34	NOT FOUND								
35	196	895	18:40	33	0.900	A BB	1242.	1.755 UG/L	0.23
36	172	901	18:46	33	0.906	A BB	20433.	7.148 UG/L	0.94
37	196	905	18:40	33	0.900	A BB	1242.	1.748 UG/L	0.23
38	NOT FOUND								
39	NOT FOUND								
40	152	970	16:58	33	0.976	A BB	40.	0.014 UG/L	0.00
41	163	964	16:52	33	0.970	A BB	12.	0.005 UG/L	0.00
42	165	981	17:10	33	0.987	A BB	49.	0.061 UG/L	0.01
43	154	995	17:25	33	1.001	A BB	294.	0.129 UG/L	0.02
44	NOT FOUND								
45	168	1026	17:57	33	1.032	A BB	12.	0.004 UG/L	0.00
46	87	1041	18:13	33	1.047	A BB	12.	0.027 UG/L	0.00
47	109	1038	18:10	33	1.044	A BB	12.	0.061 UG/L	0.01
48	NOT FOUND								
49	166	1073	18:47	33	1.079	A BB	13.	0.006 UG/L	0.00
50	NOT FOUND								
51	149	1077	18:51	33	1.084	A BB	20.	0.008 UG/L	0.00
52	NOT FOUND								
53	332	1114	19:30	33	1.121	A BB	44642.	209.635 UG/L	27.47
54	188	1211	21:12	54	1.000	A BV	101064.	40.000 UG/L	5.24
55	NOT FOUND								
56	77	1106	19:21	54	0.913	A VB	63.	0.269 UG/L	0.04
57	167	1101	19:16	54	0.907	A BV	493.	0.632 UG/L	0.08
58	248	1154	20:10	54	0.953	A BB	11.	0.019 UG/L	0.00
59	NOT FOUND								
60	266	1207	21:07	54	0.997	A BB	58.	0.241 UG/L	0.03
61	178	1214	21:13	54	1.002	A BV	387.	0.128 UG/L	0.02
62	178	1230	21:01	54	1.007	A VV	161.	0.077 UG/L	0.01
63	149	1321	22:07	54	1.091	A BV	1565.	0.372 UG/L	0.05
64	202	1390	22:44	54	1.153	A BB	70.	0.030 UG/L	0.00
65	240	1608	23:03	55	1.000	A VV	44190.	40.000 UG/L	5.24
66	244	1457	22:00	55	0.908	A BB	11772.	10.181 UG/L	1.33
67	202	1425	22:06	55	0.888	A BV	135.	0.048 UG/L	0.01
68	NOT FOUND								
69	144	1541	23:08	55	0.960	A BB	56.	0.031 UG/L	0.00
70	208	1606	23:00	55	1.000	A BV	136.	0.100 UG/L	0.01
71	208	1607	23:00	55	1.002	A VB	134.	0.102 UG/L	0.01
72	252	1600	23:00	55	1.000	A BB	13.	0.053 UG/L	0.01
73	149	1630	23:01	55	1.016	A BB	1587.	0.824 UG/L	0.11
74	264	1665	23:03	74	1.000	A VV	25548.	40.000 UG/L	5.24
75	149	1733	23:00	74	0.929	A VV	79.	0.023 UG/L	0.00
76	252	1789	23:10	74	0.959	A BB	26.	0.021 UG/L	0.00
77	252	1854	23:07	74	0.994	A BB	16.	0.024 UG/L	0.00
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								

005290

NO	RET(L)	RATIO	FRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
1	9:34	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
2	6:35	1.00	0.687	1.00	149.98	41.70	2.915	0.810	3.60
3	4:00		0.185			50.00		0.001	
4	8:54	1.00	0.931	1.00	0.04	50.00	0.000	0.234	0.00
5	9:04	1.00	0.947	1.00	127.66	41.70	2.706	0.884	3.06
6	9:06	0.99	0.951	1.00	0.02	50.00	0.000	1.072	0.00
7	9:10	1.00	0.958	1.00	0.13	50.00	0.003	1.073	0.00
8	9:08	1.00	0.954	1.00	0.34	50.00	0.079	0.743	0.11
9	9:07	1.00	0.957	1.00	0.31	50.00	0.093	0.865	0.01
10	9:06	0.98	1.000	0.99	0.33	50.00	0.090	0.812	0.01
11	10:04	1.00	1.000	1.00	0.12	50.00	0.000	0.877	0.00
12	10:31	0.99	1.000	0.99	0.03	50.00	0.000	0.281	0.00
13	10:48	1.01	1.129	1.01	0.18	50.00	0.001	0.411	0.00
14	10:07	0.99	1.057	0.99	0.02	50.00	0.000	0.362	0.00
15	10:54	1.00	1.139	1.00	0.07	50.00	0.000	0.132	0.00
16	10:31	1.00	1.099	1.01	0.12	50.00	0.001	0.626	0.00
17	10:55	1.01	1.141	1.01	0.02	50.00	0.000	0.647	0.00
18	10:50	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
19	11:05	1.00	0.864	1.00	4.56	20.00	0.047	0.214	0.22
20	11:09	1.01	0.869	1.01	0.02	50.00	0.000	0.248	0.00
21	11:47	0.99	0.918	1.00	0.01	50.00	0.000	0.762	0.00
22	11:57		0.932			50.00		0.188	
23	12:14		0.954			50.00		0.301	
24	12:09	1.01	0.973	1.01	0.01	50.00	0.000	0.508	0.00
25	12:06	1.01	0.980	1.01	0.01	50.00	0.000	0.303	0.00
26	12:44	1.01	0.980	1.01	0.15	50.00	0.000	0.303	0.00
27	12:45	1.00	0.990	1.00	0.02	50.00	0.000	0.107	0.00
28	12:50	0.99	1.004	0.99	0.02	50.00	0.000	0.332	0.00
29	12:17	1.00	1.035	1.00	0.03	50.00	0.000	0.029	0.00
30	10:03		1.044			50.00		0.169	
31	14:04	0.99	1.135	0.99	0.03	50.00	0.000	0.034	0.00
32	14:41	1.01	1.145	1.01	0.02	50.00	0.000	0.773	0.00
33	17:05	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
34	15:17		0.877			50.00		0.247	
35	15:02	1.01	0.892	1.01	1.75	50.00	0.011	0.324	0.04
36	15:45	1.00	0.905	1.00	7.15	20.00	0.450	1.310	0.34
37	15:02	1.01	0.892	1.01	1.75	50.00	0.011	0.326	0.03
38	15:05		0.915			50.00		1.294	
39	14:05		0.943			50.00		0.344	
40	17:00	1.00	0.976	1.00	0.01	50.00	0.000	1.325	0.00
41	17:00	0.99	0.977	0.99	0.01	50.00	0.000	1.147	0.00
42	17:11	1.00	0.987	1.00	0.02	50.00	0.000	0.299	0.00
43	17:09	1.00	1.004	1.00	0.13	50.00	0.003	1.043	0.00
44	17:49		1.023			50.00		0.642	
45	17:54	1.00	1.022	1.00	0.02	50.00	0.000	1.465	0.00
46	16:10	1.00	1.043	1.00	0.03	50.00	0.000	0.206	0.00
47	16:13	1.00	1.046	1.00	0.02	50.00	0.000	0.091	0.00
48	17:06		1.061			50.00		0.034	
49	16:48	1.00	1.079	1.00	0.01	50.00	0.000	1.030	0.00
50	16:54		1.085			50.00		0.576	
51	16:52	1.00	1.083	1.00	0.01	50.00	0.000	1.143	0.00
52	16:19		1.110			50.00		0.055	
53	19:30	1.00	1.120	1.00	209.64	41.70	0.491	0.098	5.03
54	21:12	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
55	19:11		0.905			50.00		0.075	
56	19:15	1.01	0.908	1.01	0.27	50.00	0.000	0.093	0.01
57	19:15	1.00	0.908	1.00	0.53	50.00	0.004	0.099	0.01

005291

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
58	20:07	1.00	0.950	1.00	0.02	50.00	0.000	0.235	0.00
59	20:25		0.964			50.00		0.268	
60	20:58	1.01	0.989	1.01	0.24	50.00	0.000	0.095	0.00
61	21:16	1.00	1.003	1.00	0.13	50.00	0.003	1.201	0.00
62	21:22	1.00	1.008	1.00	0.08	50.00	0.001	0.829	0.00
63	23:06	1.00	1.090	1.00	0.37	50.00	0.012	1.663	0.01
64	24:21	1.00	1.149	1.00	0.03	50.00	0.001	0.935	0.00
65	25:04	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
66	25:08	1.00	0.907	1.00	10.18	20.80	0.512	1.047	0.49
67	24:54	1.00	0.887	1.00	0.05	50.00	0.002	2.565	0.00
68	25:53		0.924			50.00		0.001	
69	25:56	1.00	0.959	1.00	0.03	50.00	0.001	1.619	0.00
70	25:02	1.00	0.999	1.00	0.10	50.00	0.002	1.228	0.00
71	25:08	1.00	1.002	1.00	0.10	50.00	0.002	1.190	0.00
72	25:06	1.00	1.002	1.00	0.05	50.00	0.000	0.222	0.00
73	25:31	1.00	1.016	1.00	0.02	50.00	0.000	1.743	0.02
74	32:35	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
75	30:18	1.00	0.930	1.00	0.02	50.00	0.002	5.301	0.00
76	31:15	1.00	0.959	1.00	0.02	100.00	0.000	1.961	0.00
77	32:21	1.00	0.993	1.00	0.02	50.00	0.001	1.063	0.00
78	37:57		1.165			50.00		0.825	
79	38:12		1.172			50.00		0.567	
80	39:06		1.210			50.00		1.066	

005292

PIC + IONS CHROMATOGRAMS

DATA: S553101AB #1

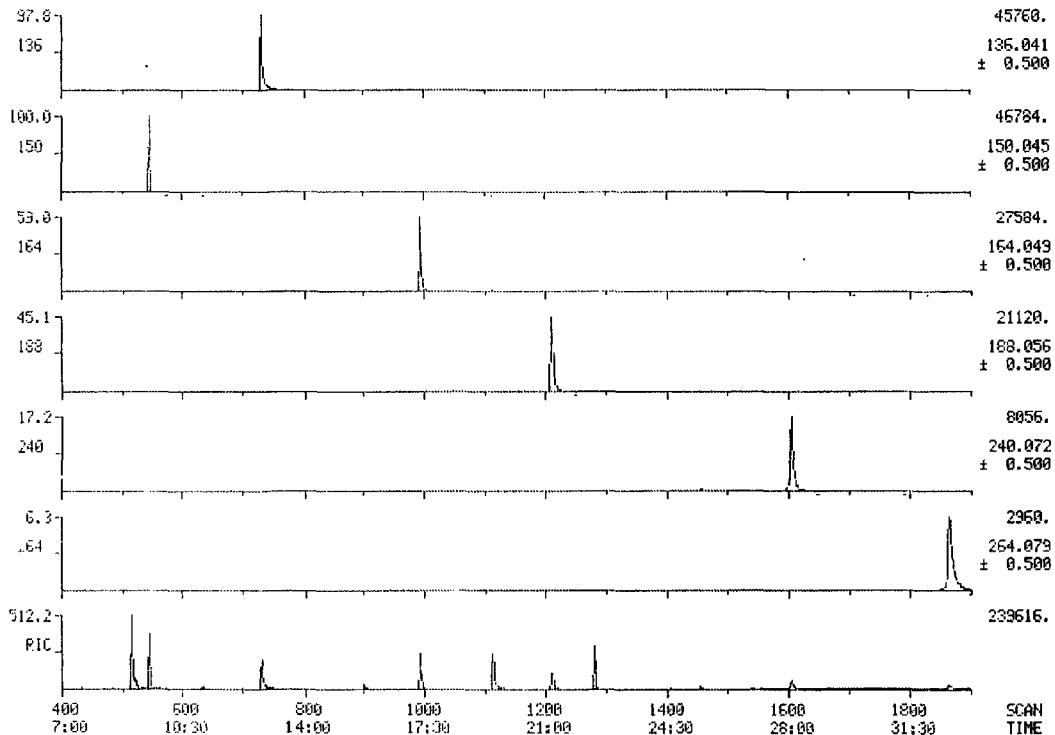
SCANS 490 TO 1900

12/17/84 21:04:00

CELL: FC434 #22

SAMPLE: 1396F-03, IUL OF 1ML CONC., 500ML/MIL

FRANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4



005293

PLC + GPC CHROMATOGRAMS

12-17-84 21:04:00

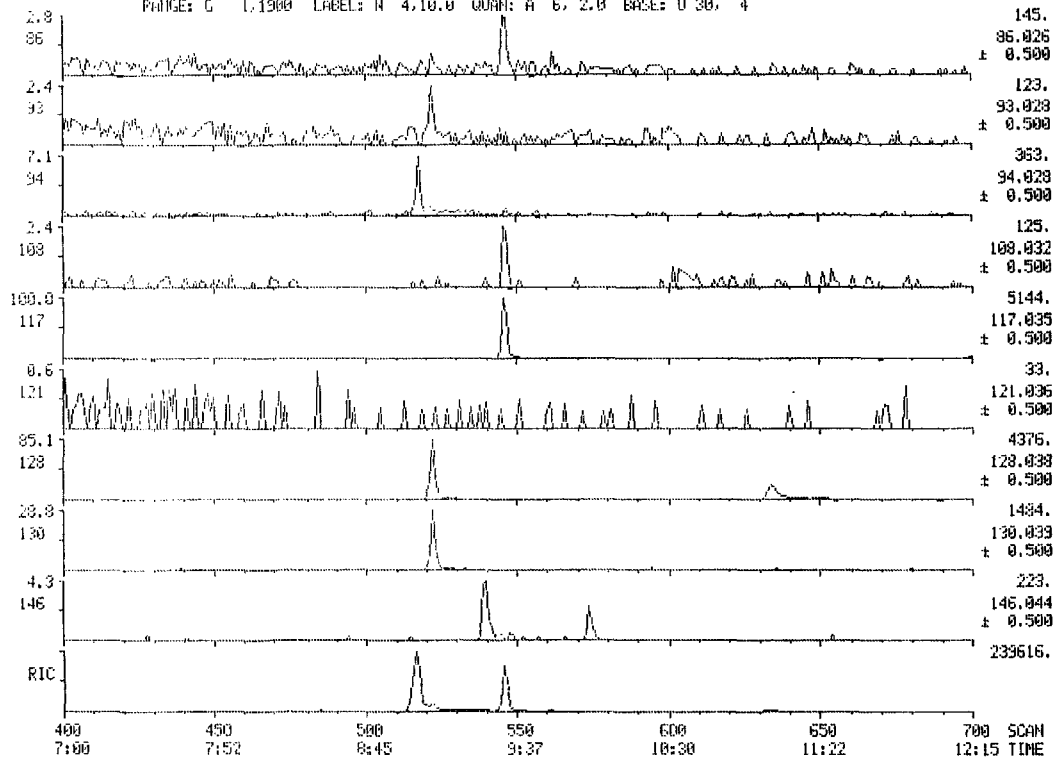
SAMPLE: 1396F-03, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

Instr: 555310108 #1

ChLI: FC434 #22

SCANS 400 TO 700



005294

RT: HPLC CHROMATOGRAMS

DATA: S553101AB #1

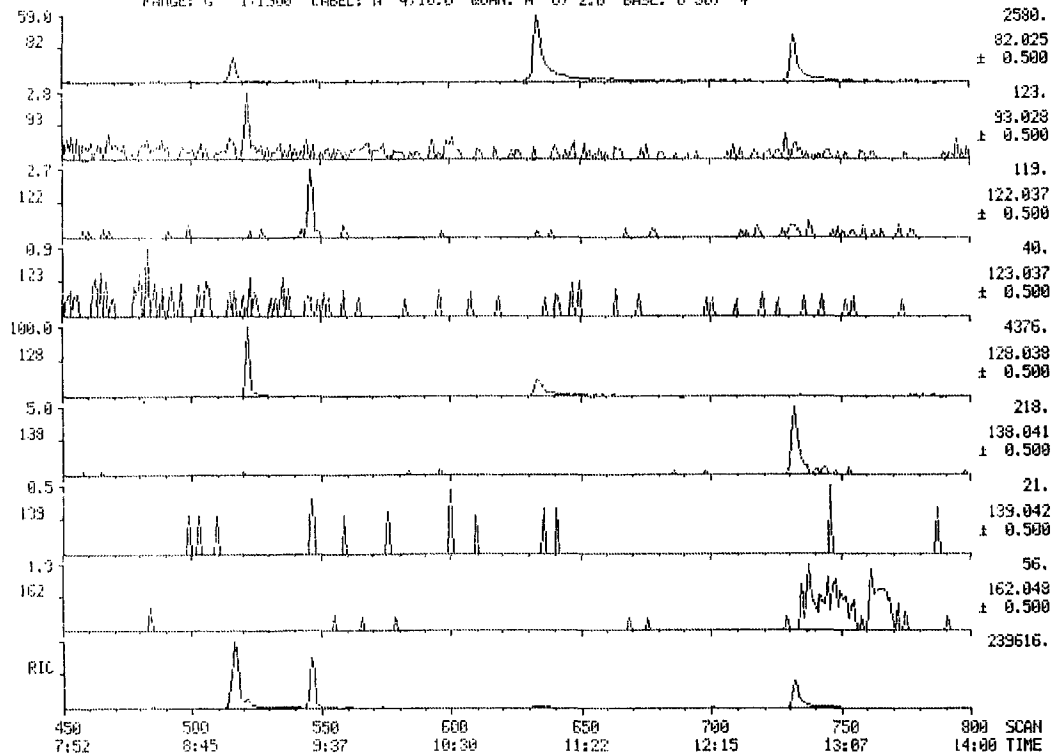
SCANS 450 TO 800

13:17:04 23:04:00

CALI: FC434 #22

SAMPLE: 1336F-03. 1UL OF IML CONC., 500ML/ML

RANGE: G 1-1300 LABEL: H 4-10.0 DUAN: A 6, 2.0 BASE: U 30, 4



005295

FID + MASS CHROMATOGRAMS

Data: S55310148 #1

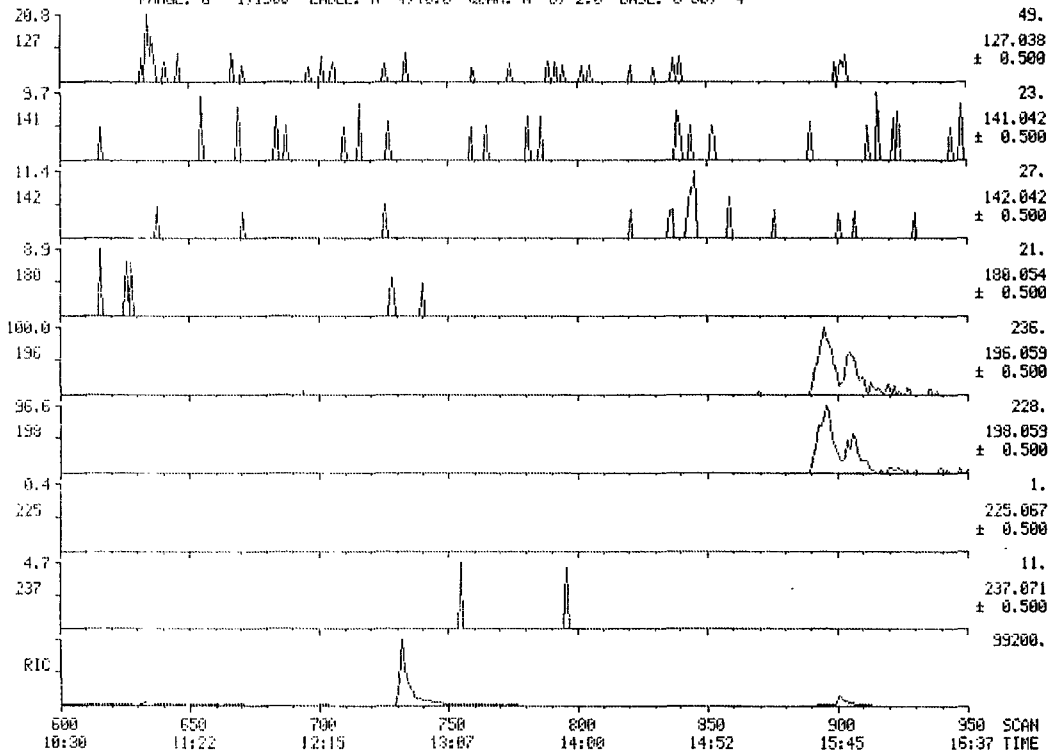
SCANIS 600 TO 950

12:17:54 21:04:00

CALL: FC434 #22

SAMPLE: 1396F-03, 1UL OF 1ML CONC. - 500ML-ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005296

PIC 1 HPLC CHROMATOGRAMS

DATA: S55310148 #1

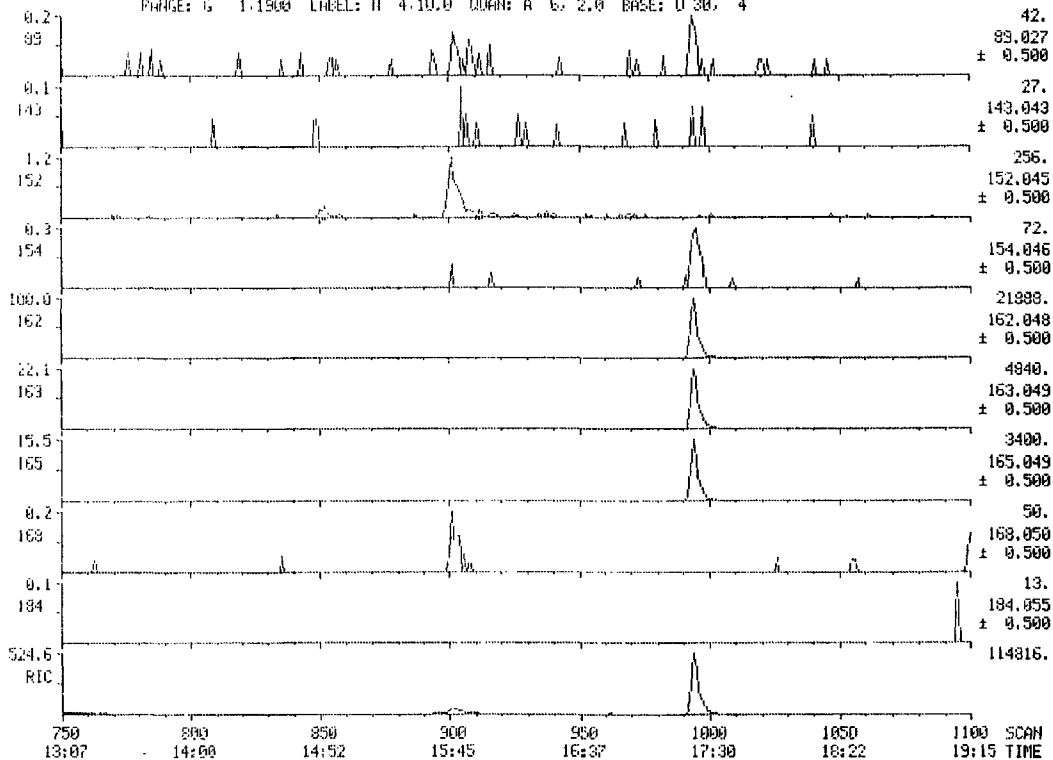
SCANS 750 TO 1100

13-17-84 21:04:00

CALI: FC434 #22

SAMPLE: 1336F-03, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A G. 2.0 BASE: U 30. 4



005297

PIC 4 MASS CHROMATOGRAMS

DATA: S358101AB #1

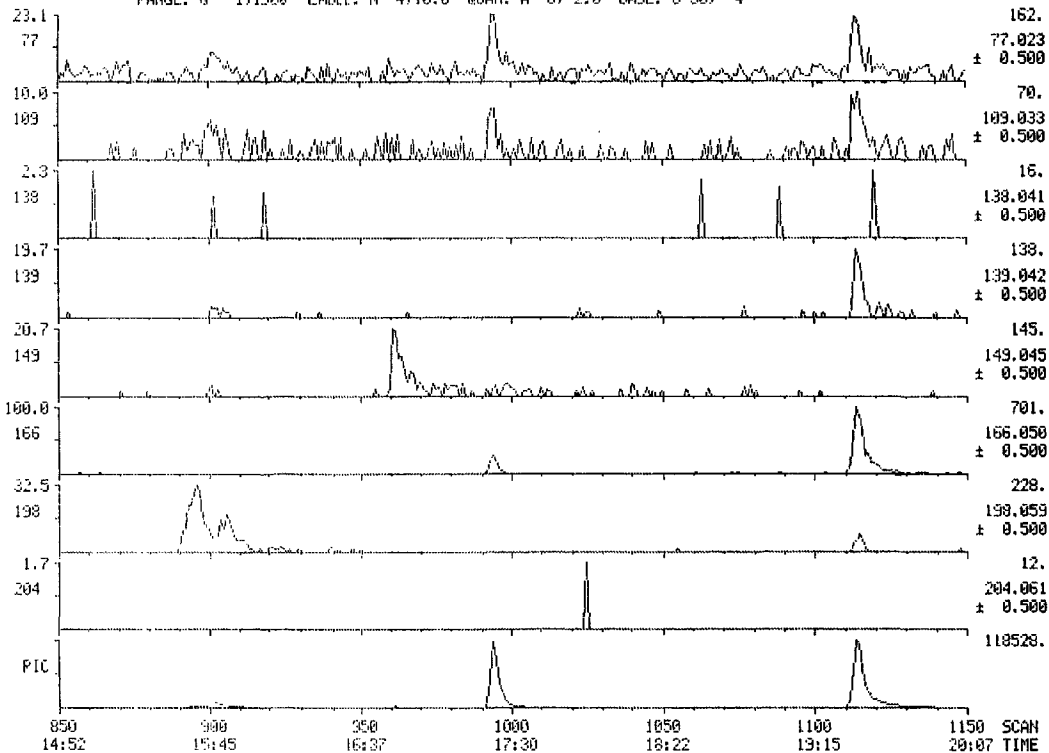
SCANS 850 TO 1150

12-17 84 21:04:00

CALL: FC434 #22

SAMPLE: 1396F-03, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 GUAN: A 6, 2.0 BASE: U 30, 4



005298

FIG. 1 HPLC CHROMATOGRAMS

12-17-89 21:04:00

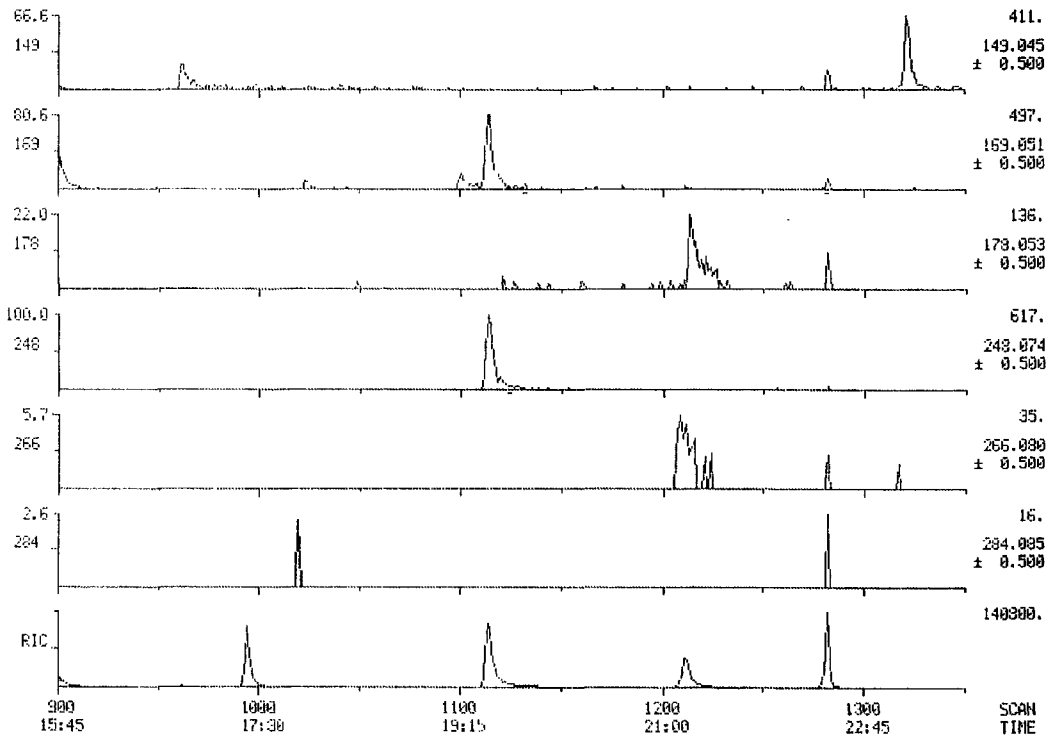
SAMPLE: 199EF-03, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 55531014B #1

CALI: FC434 #22

SCANS 900 TO 1350



005299

PIC F-MS-CHROMATOGRAMS

DATA: 5553101AB #1

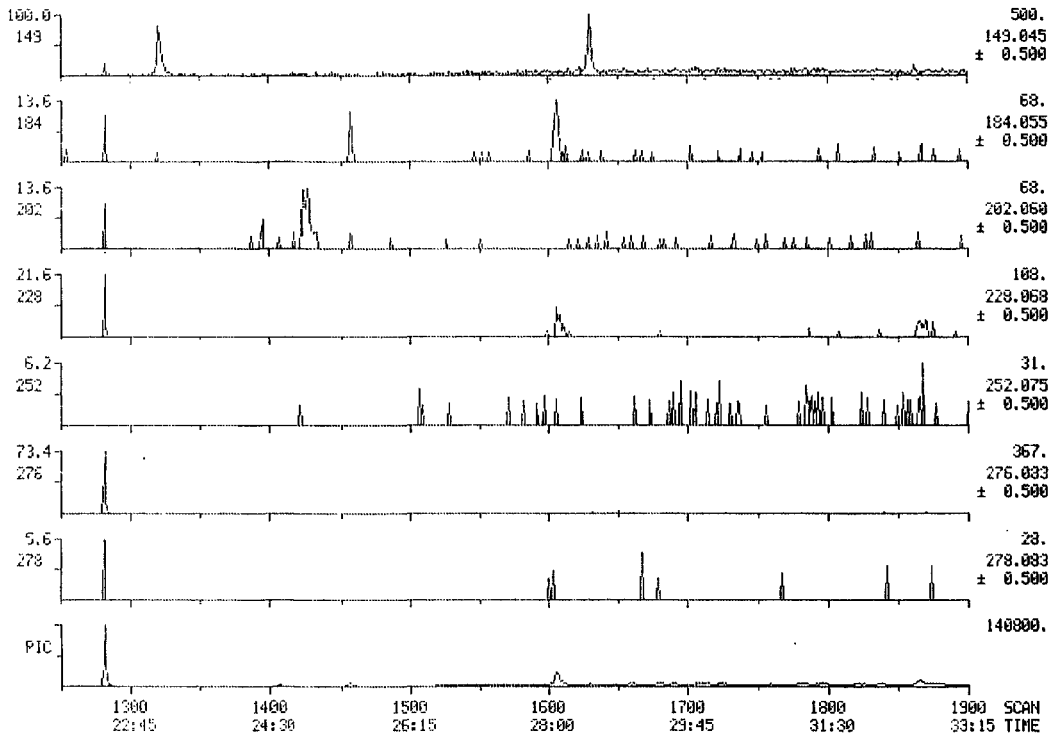
SCANS 1250 TO 1900

12/17/84 21:04:00

CALI: FC434 #22

SAMPLE: 1336F-03, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1-1900 LABEL: N 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4



005300

RIC + MASS CHROMATOGRAMS

DATA: S553161AB #1

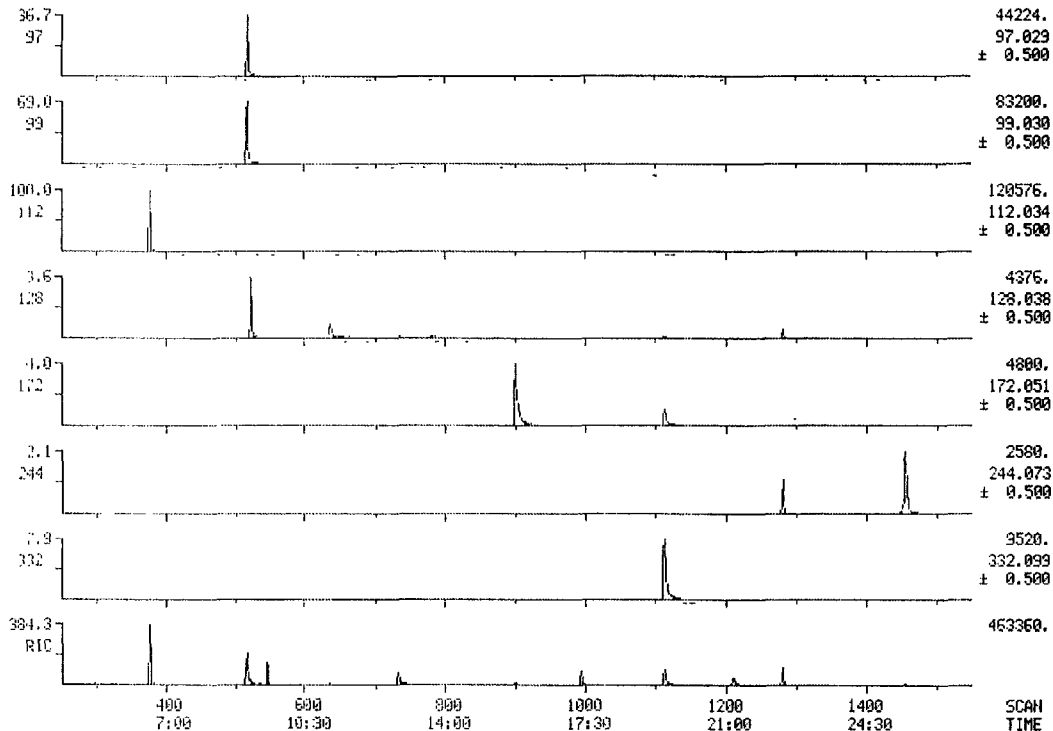
SCANS 250 TO 1550

12-17-84 21:04:00

CALI: FC-134 #22

SAMPLE: 1396F-03, 1UL OF JML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

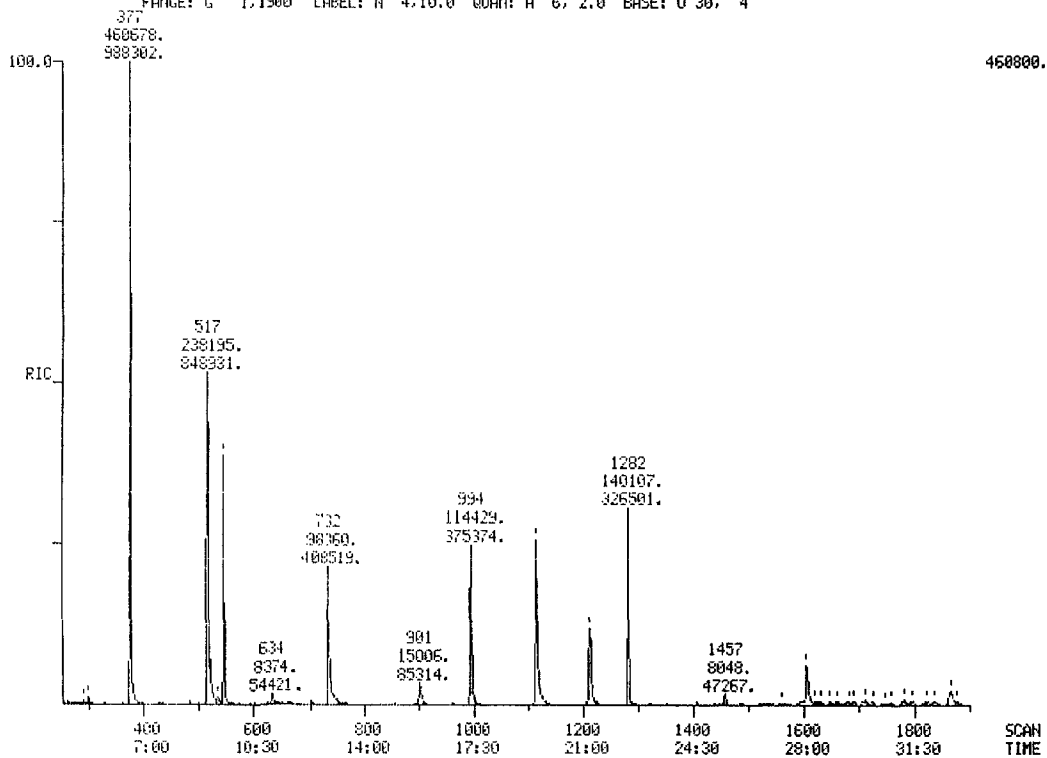


005301

FIG
12 17 84 21:04:00
SAMPLE: 1396F-03, 1UL OF 1ML CONC., 500ML/ML
RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A G, 2.0 BASE: U 30, 4

DATA: 5553101AB #1
CALI: FC434 #22

SCANS 250 TO 1900

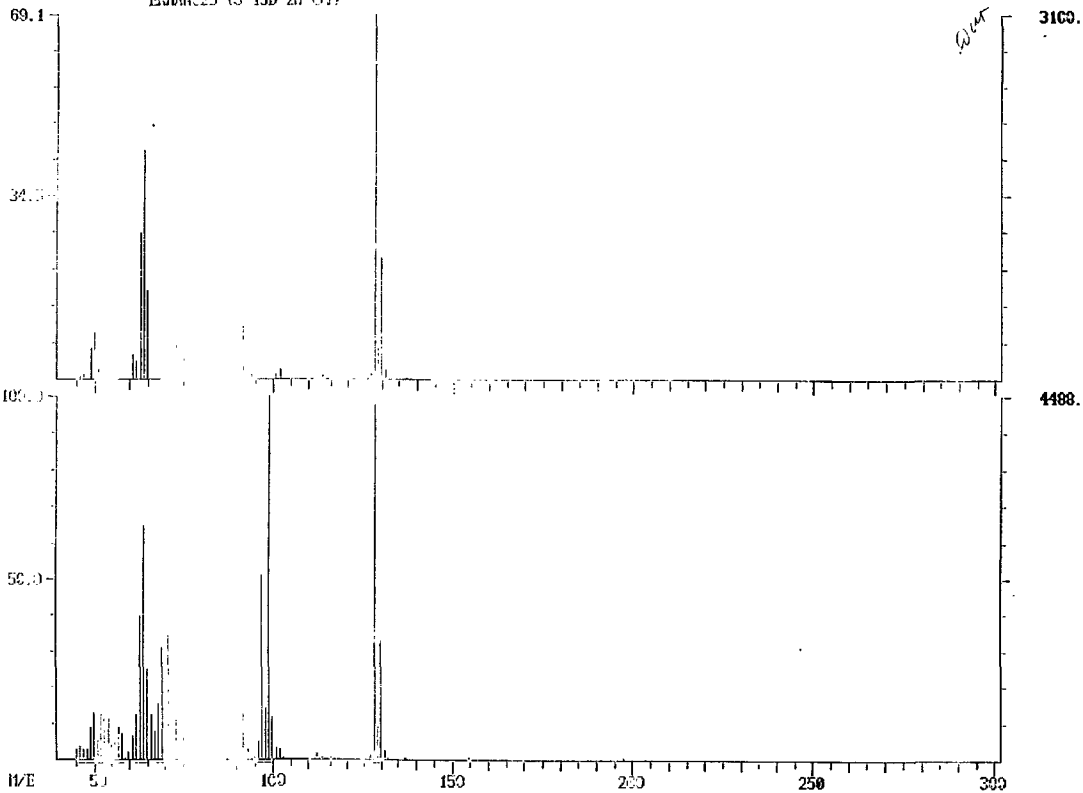


005302

DUAL MASS SPECTRUM
12/17/91 21:04:09 - 0100
SAMPLE: 12067-03. 400.07 NG CONC. 90000.00
ENHANCED (S 150 ZI 07)

DATA: 8553101AD 0322
CALI: FC431 022

BASE P/W: 120/ 99
R/C: 11103./ 34431.

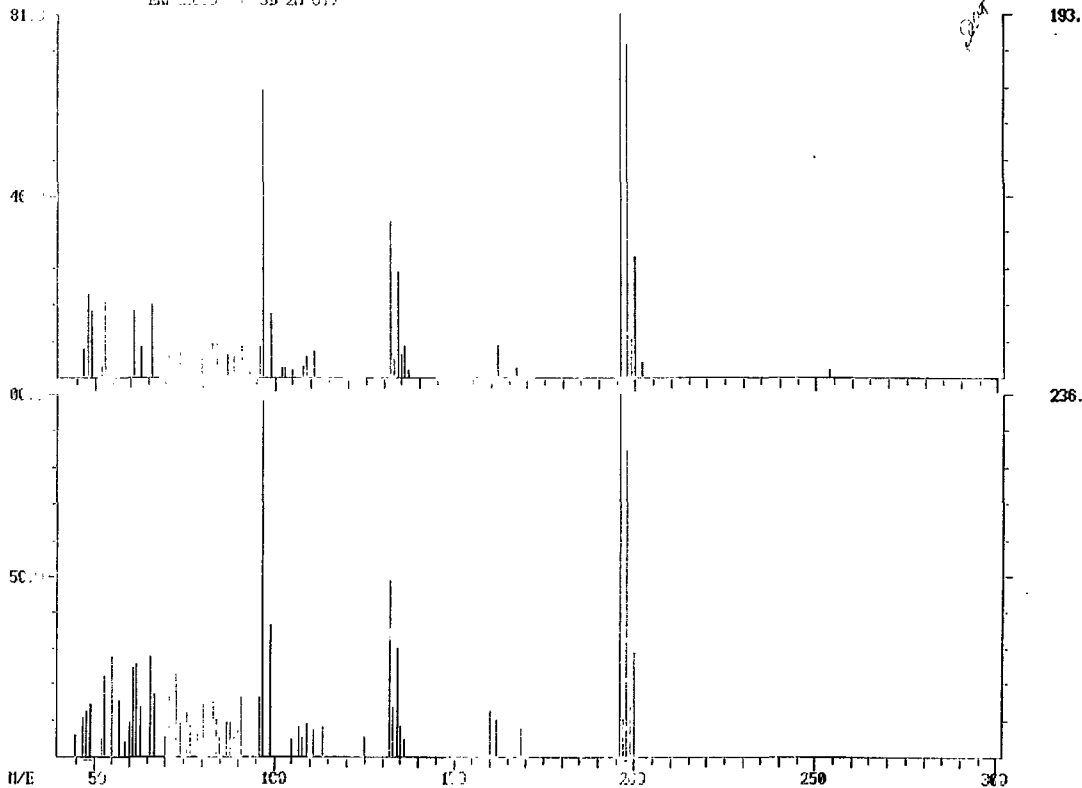


005303

DVA
12/11/01 11:00 + 15.0
SAL 03.00 -03.00 (1.00 CAL CONC., 1.00 CAL/VOL
EQ 1.00 (1.00 21.00)

DATA: S553101AD 0005
CALI: FC434 022

BASE W/E: 100/100
RIC: 1000.7 2359.

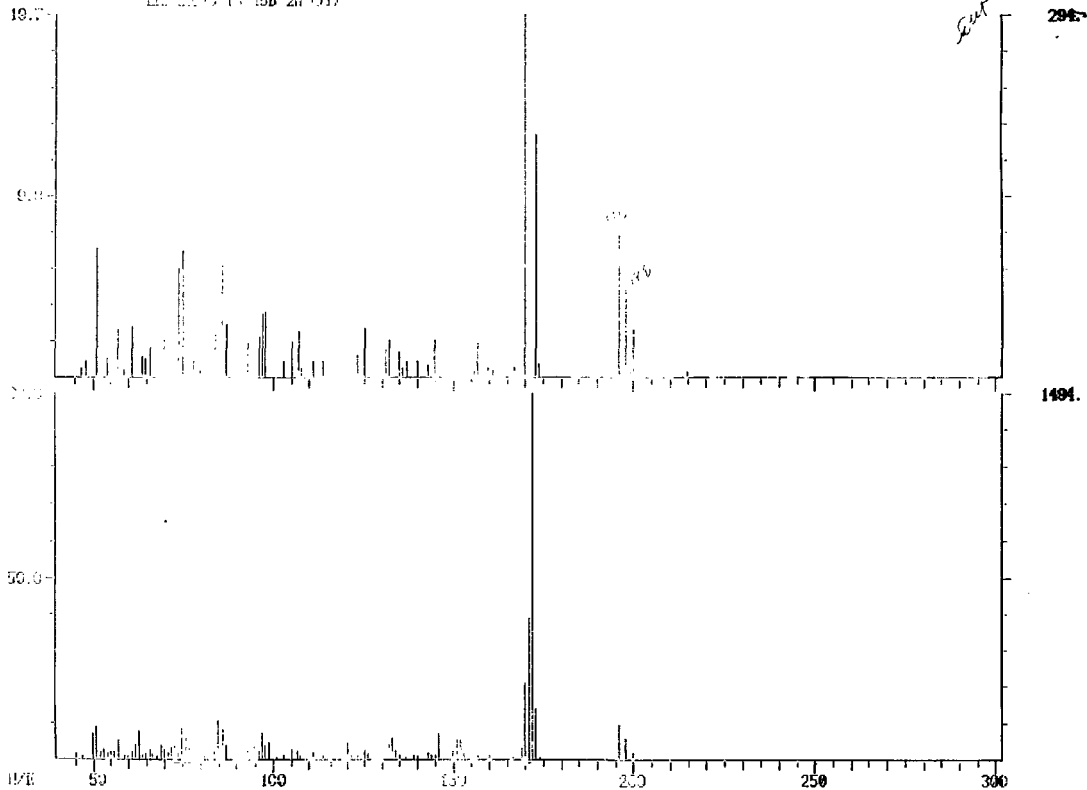


005304

INSTRUMENT: FTIR
12/10/01 2:41:03 - 15:00
SAMPLE: SP-03, 1% OF HIL CGMC, CONTROL
EXTRACTED IN 15B 2H Q/D

DATA: 553101AD.CS03

BASE W/E: 170/172
R/C: 2051./6431.

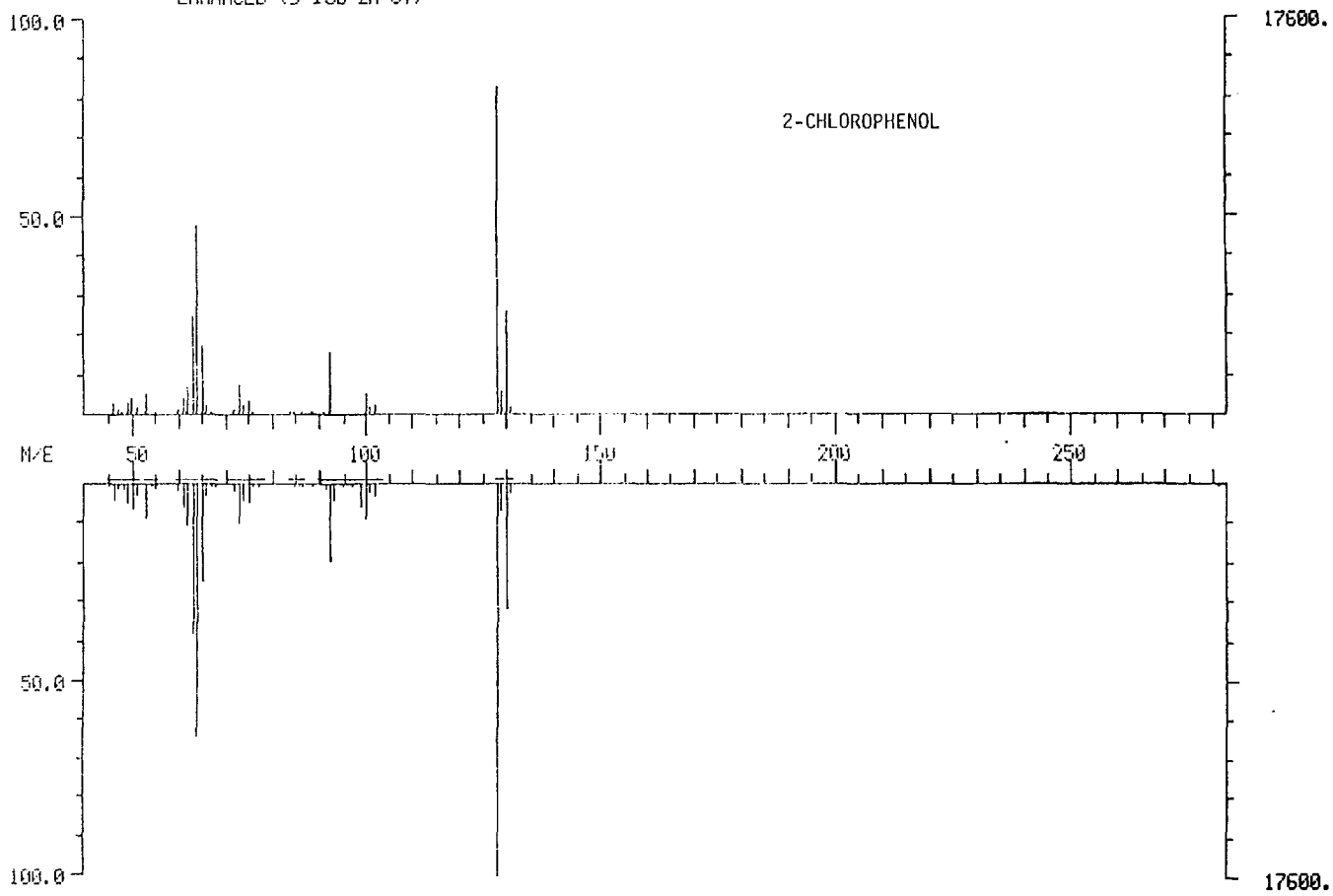


005305

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 8:40
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 15B 2N 0T)

DATA: K40916 #495
CALI: FC43 #15

BASE M/E: 128/ 128
RIC: 49855.7 69375.

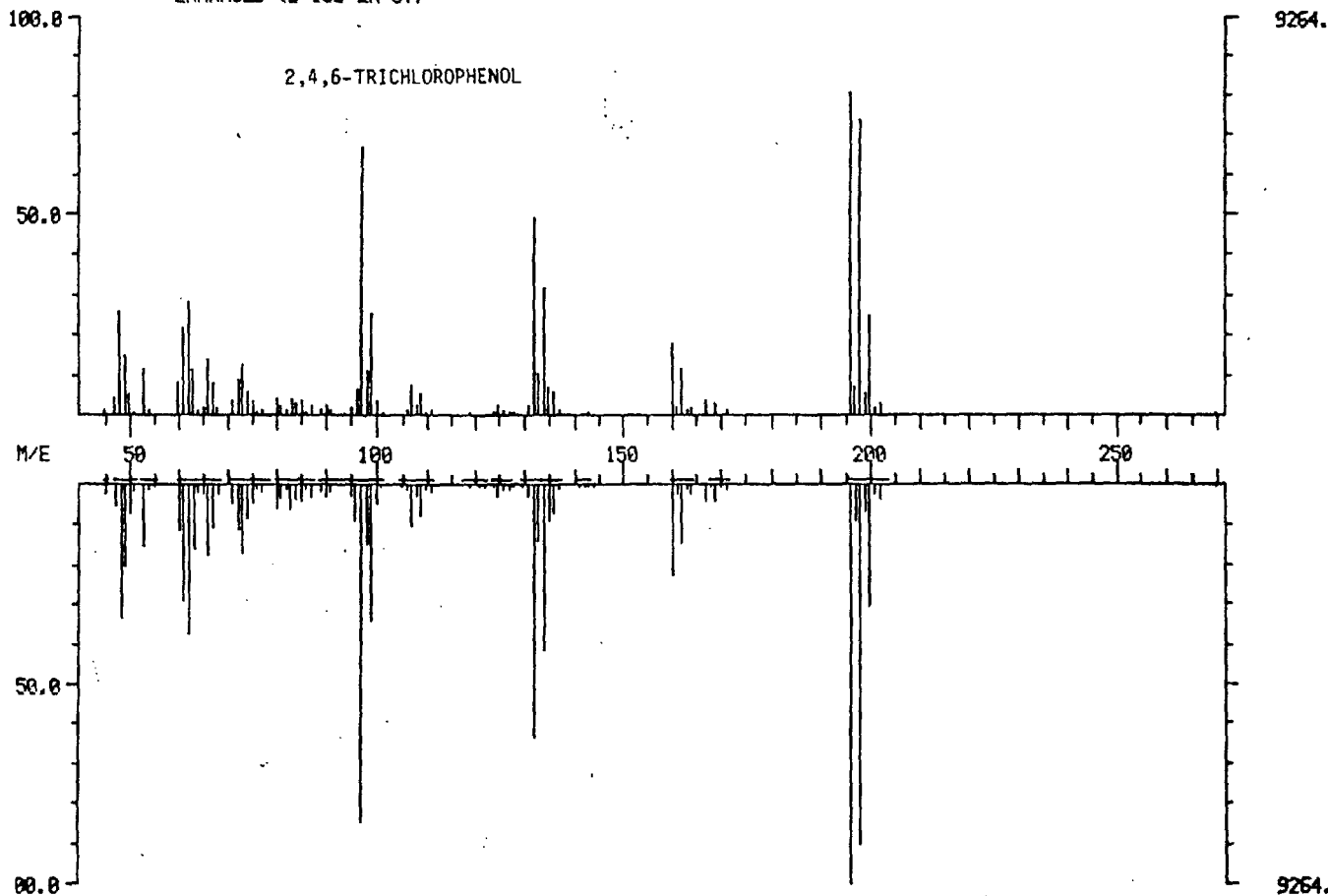


005306

DUAL MASS SPECTRUM
09/16/93 7:05:00 + 14:50
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 07)

DATA: K40916 #855
CALI: FC43 #15

BASE M/E: 196/ 196
RIC: 65279./ 84735.

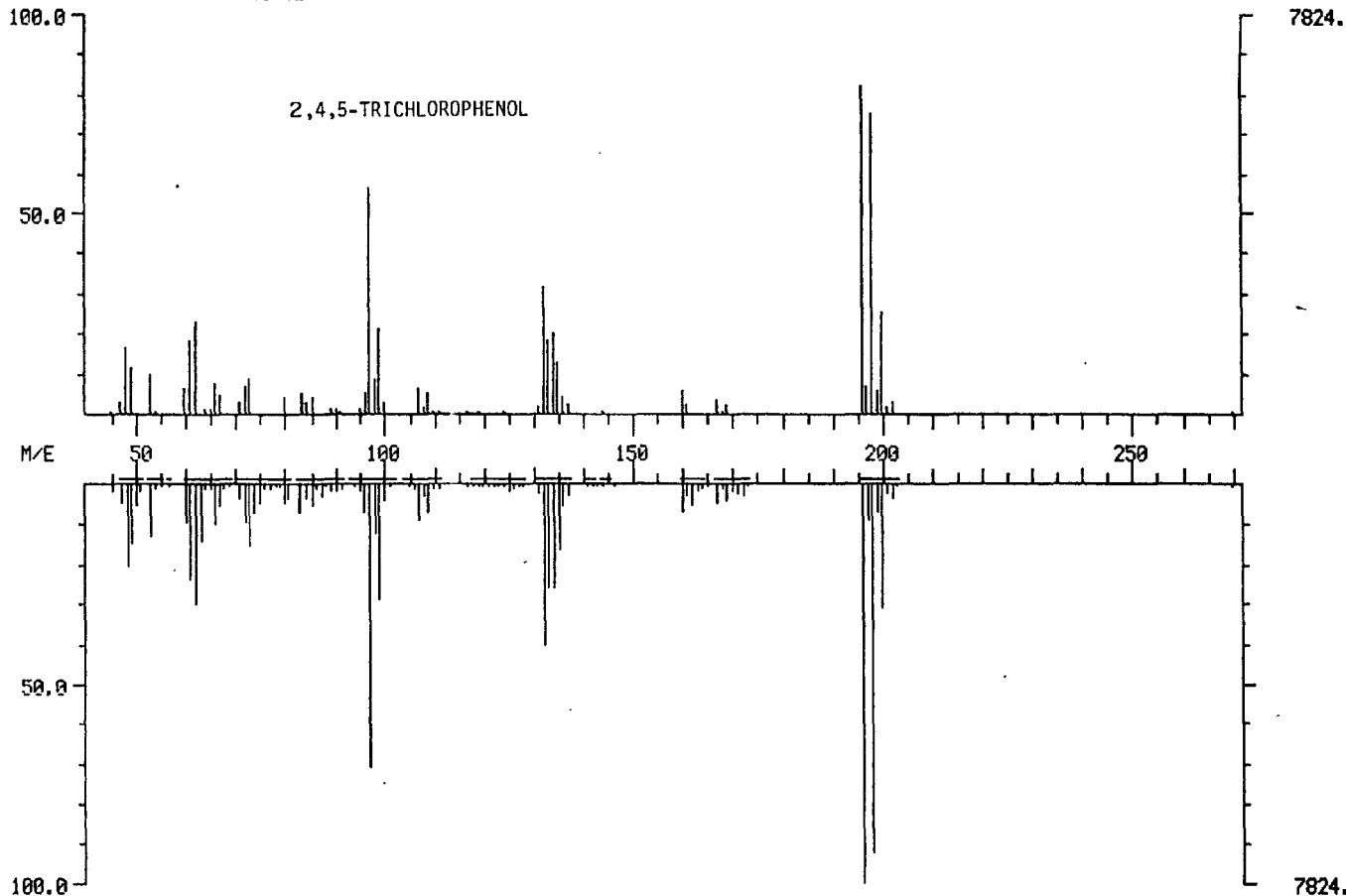


005307

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 15:03
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 15B 2N 0T)

DATA: K40916 #866
CALI: FC43 #15

BASE M/E: 196/ 196
RIC: 43775./ 61951.



005308

EPA PROJECT

Lab Number: SS532Std. I.D.: LU217Sample I.D.: 1396F-05Date Injected: 12/17/84

Conc. factor (wet wt.): _____

Date Extracted: _____

Conc. factor (dry wt.): _____

DeTouche

Signatures of persons reporting data

SEMIVOLATILES (ABN)

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
964	D4-1,4-DICHLOROBENZENE	1.000	<u>546</u>	150	<u>90565</u>	<u>40</u>	
982	2-FLUOROPHENOL	0.693	<u>376</u>	112	<u>299522</u>	<u>163</u> <u>160.007</u>	
61	N-NITROSODIMETHYLAMINE	0.440	---	74	---	---	
C5	ANILINE	0.885	---	93	---	---	
983	PHENOL-D5	0.946	<u>516</u>	99	<u>261433</u>	<u>131</u>	
65	PHENOL	0.947	---	94	---	---	
18	BIS(2-CHLOROETHYL)ETHER	0.959	---	93	---	---	
24	2-CHLOROPHENOL	0.954	<u>522</u>	128	<u>7397</u>	<u>4.4</u>	
26	1,3-DICHLOROBENZENE	0.987	---	146	---	---	
27	1,4-DICHLOROBENZENE	1.003	---	146	---	---	
25	1,2-DICHLOROBENZENE	1.050	---	146	---	---	
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096	---	121	---	---	
12	HEXACHLOROETHANE	1.126	---	117	---	---	
C6	BENZYL ALCOHOL	0.791	---	108	---	---	
63	N-NITROSODI-N-PROPYLAMINE	0.855	---	130	---	---	
C2	2-METHYLPHENOL	0.828	---	108	---	---	
C3	4-METHYLPHENOL	0.854	---	108	---	---	
987	NAPHTHALENE-D8	1.000	<u>732</u>	136	<u>173998</u>	<u>40</u>	
988	NITROBENZENE-D5	0.872	---	128	---	---	
56	NITROBENZENE	0.875	---	123	---	---	
54	ISOPHORONE	0.920	---	82	---	---	
57	2-NITROPHENOL	0.935	---	139	---	---	
34	2,4-DIMETHYLPHENOL	0.953	---	122	---	---	
43	BIS(2-CHLOROETHOXY)METHANE	0.970	---	93	---	---	
31	2,4-DICHLOROPHENOL	0.982	---	162	---	---	

005309

55532
 1396F-05

AD Taylor

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LISI	ug/L or ug/Kg
8	1,2,4-TRICHLOROBENZENE	0.993	1	180			
55	NAPHTHALENE	1.004		128			
C7	4-CHLOROANILINE	1.030		127			
52	HEXACHLOROBUTADIENE	1.042		225			
22	4-CHLORO-3-METHYLPHENOL	1.127		144			
C9	2-METHYLNAPHTHALENE	1.144		142			
957	ACENAPHTHENE-D10	1.000	994	164	83481	40	
53	HEXACHLOROCYCLOPENTADIENE	1.183		237			
21	2,4,6-TRICHLOROPHENOL	1.201	894	196	1679	2.5	
976	2-FLUOROBIPHENYL	1.217		172			
C4	2,4,5-TRICHLOROPHENOL	1.219	905	198	718	1.1	
20	2-CHLORONAPHTHALENE	1.230		162			
C10	2-NITROANILINE	1.234		138			
77	ACENAPHTHYLENE	1.309		152			
71	DIMETHY PHTHALATE	1.308		163			
36	2,6-DINITROTOLUENE	1.320		165			
1	ACENAPHTHENE	0.822		154			
59	2,4-DINITROPHENOL	0.834		184			
C8	DIBENZOFURAN	0.843		168			
35	2,4-DINITROTOLUENE	0.851		89			
58	4-NITROPHENOL	0.854		109			
C11	3-NITROANILINE	0.857		138			
80	FLUORENE	0.882		166			
40	4-CHLOROPHENYL ETHER	0.885		204			
70	DIETHYL PHTHALATE	0.887		149			
C12	4-NITROANILINE	0.904		138			
955	2,4,6-TRIBROMOPHENOL	1.120	1114	222	11943	2.1	

005310

55532

1396 F-05

DeTaylr

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT	AREA	QUAN LIST	ug/L or ug/kg
962	PHENANTHRENE-D10	1.000	<u>1211</u>	188	<u>98122</u>	<u>40</u>	
60	4,6-DINITRO-O-CRESOL	0.900	_____	198	_____	_____	_____
37	1,2-DIPHENYLHYDRAZINE		_____	77	_____	_____	_____
62	DIPHENYLAMINE	0.901	_____	169	_____	_____	_____
41	4-BROMOPHENYL PHENYL ETHER	0.943	_____	248	_____	_____	_____
9	HEXACHLOROBENZENE	0.958	_____	284	_____	_____	_____
64	PENTACHLOROPHENOL	0.982	_____	266	_____	_____	_____
81	PHENANTHRENE	0.997	_____	178	_____	_____	_____
78	ANTHRACENE	1.002	_____	178	_____	_____	_____
68	DI-N-BUTYL PHTHALATE	1.081	_____	149	_____	_____	_____
39	FLUOROANTHENE	1.142	_____	202	_____	_____	_____
961	CHRYSENE-D12	1.000	<u>1605</u>	240	<u>40708</u>	<u>40</u>	
954	TERPHENYL-D14	1.201	_____	244	_____	_____	_____
84	PYRENE	1.169	_____	202	_____	_____	_____
5	BENZIDINE	0.886	_____	184	_____	_____	_____
67	BUTYL BENZYL PHTHALATE	0.955	_____	149	_____	_____	_____
72	BENZO(A)ANTHRACENE	0.998	_____	228	_____	_____	_____
76	CHRYSENE	1.003	_____	228	_____	_____	_____
28	3,3'-DICHLOROBENZIDINE	1.002	_____	252	_____	_____	_____
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019	_____	149	_____	_____	_____
952	PERYLENE-D12	1.000	<u>1866</u>	264	<u>25900</u>	<u>40</u>	
69	DI-N-OCTYL PHTHALATE	1.104	_____	149	_____	_____	_____
74	3,4-BENZOFLUOROANTHENE AND/OR		_____	252	_____	_____	_____
75	BENZO(K)FLUORANTHENE		_____	252	_____	_____	_____
73	BENZO(A)PYRENE	1.004	_____	252	_____	_____	_____
83	INDENO(1,2,3-CD)PYRENE		_____	276	_____	_____	_____
82	DIBENZO(A,H)ANTHRACENE	1.259	_____	278	_____	_____	_____

005311

SYSTEM, SCIENCE + SOFTWARE DIAGNOSTICS

S553201AB

FC434

12/17/84

1396F-05, 1UL OF 1ML CONC., 500ML/ML

F4

NO	LIB	ID	M/E	SCAN	PRED	DELTA	FIT	PUR	MATCH	AREA
1	LL	764:	150	546	347	-1	975	754	93.	90565.
2	LL	962:	112	376	375	-1	988	887	100.	297522.
3	LL	61:	74	---	101	NO	PEAKS	FOUND		
4	LL	05:	93	510	508	-2	678	23	44.	59.
				-506		-2	667	42	43.	
				-508		0	667	21	42.	
5	LL	983:	99	516	517	-1	989	895	100.	261433.
6	LL	65:	94	524	519	-5	552	71	39.	50.
				-518		-1	514	69	37.	
				-522		-3	463	87	35.	
7	LL	18:	93	521	523	-2	460	106	36.	217.
				-527		-4	474	52	34.	
				-529		-6	376	39	28.	
8	LL	24:	128	522	521	-1	746	397	65.	7396.
9	LL	26:	146	539	539	0	603	176	46.	424.
				-543		-4	307	42	25.	
10	LL	27:	146	539	548	9	580	165	30.	424.
				-543		0	253	41	22.	
				-548		0	216	72	22.	
11	LL	25:	146	574	574	0	587	84	41.	189.
12	LL	42:	121	598	600	-2	327	47	26.	13.
				-609		-9	485	116	25.	
13	LL	12:	117	622	616	-6	315	38	25.	25.
				-610		-6	273	21	22.	
				-625		-9	379	68	20.	
14	LL	06:	108	574	577	-3	702	46	45.	22.
				-582		-9	479	41	22.	
15	LL	63:	130	---	622	NO	PEAKS	FOUND		
16	LL	02:	108	605	600	-5	911	87	57.	123.
				-609		-9	846	94	36.	
				-593		7	500	22	29.	
17	LL	03:	108	622	623	-1	773	55	49.	30.
				-626		-1	756	53	48.	
				-618		-9	674	49	44.	
18	LL	987:	136	732	733	-1	925	787	93.	173997.
19	LL	988:	128	634	632	-2	995	664	90.	3039.
20	LL	56:	123	634	636	-2	624	14	39.	11.
				-626		10	871	68	33.	
21	LL	54:	82	670	672	-2	651	71	44.	72.
				-667		-5	571	80	40.	
				-677		-5	494	69	36.	
22	LL	57:	139	683	682	-1	604	86	42.	12.
23	LL	34:	122	706	698	-8	473	63	26.	9.
24	LL	43:	93	704	712	8	823	77	39.	25.
				-719		-7	566	33	32.	
				-716		-4	375	18	27.	
25	LL	31:	162	---	719	NO	PEAKS	FOUND		
26	LL	01:	128	732	727	-5	616	6	39.	28.
				-715		-1	886	71	29.	
				-736		-9	631	7	26.	
27	LL	8:	180	728	728	0	568	25	37.	9.
				-731		-3	173	1	16.	
28	LL	55:	128	735	735	0	532	9	35.	267.
				-731		4	500	9	33.	
				-741		-6	482	10	32.	
29	LL	C7:	127	765	758	-7	579	28	32.	16.
				-748		10	539	14	21.	
30	LL	53:	225	---	764	NO	PEAKS	FOUND		
31	LL	22:	144	---	831	NO	PEAKS	FOUND		
32	LL	C9:	142	838	838	0	500	11	33.	13.
				-843		-5	446	50	32.	
				-848		-10	386	47	17.	
33	LL	957:	164	974	995	1	995	695	92.	83481.
34	LL	53:	207	---	872	NO	PEAKS	FOUND		
35	LL	21:	196	894	887	-7	971	641	76.	682.
36	LL	976:	172	901	899	-2	971	637	88.	14221.
37	LL	C4:	176	894	887	-9	977	419	66.	682.
				-896		-9	985	430	52.	
38	LL	20:	162	908	909	1	542	5	35.	11.
				-903		6	375	3	26.	

005312

				-475				-3	636	17	40.
				-762				8	613	73	31.
41	LL	71:	163	975	972			-3	852	57	53.
42	LL	36:	165	981	981			0	485	87	36.
				-977				4	318	74	27.
				-988				-7	364	91	26.
43	LL	1:	154	994	998			4	632	1	39.
				-1000				-2	586	3	37.
				-977				1	382	1	27.
44	LL	59:	184	---	1017			NO PEAKS	FOUND		
45	LL	08:	168	1020	1022			2	672	17	43.
46	LL	35:	89	1033	1037			4	211	10	17.
				-1045				-8	286	24	17.
47	LL	58:	109	1047	1040			-7	265	96	22.
				-1053				-13	412	111	16.
				-1029				11	208	28	11.
48	LL	C11:	138	---	995			NO PEAKS	FOUND		
49	LL	80:	166	1075	1073			-2	627	115	45.
50	LL	40:	204	---	1079			NO PEAKS	FOUND		
51	LL	70:	149	1078	1077			-1	514	34	35.
				-1075				2	500	21	34.
				-1084				-7	583	15	32.
52	LL	C12:	138	---	1103			NO PEAKS	FOUND		
53	LL	95:	332	1114	1113			-1	968	719	92.
54	LL	96:	189	1211	1211			0	978	640	88.
55	LL	60:	198	---	1076			NO PEAKS	FOUND		
56	LL	37:	77	1075	1100			3	717	113	49.
				-1103				-3	679	82	46.
				-1101				-1	661	89	43.
57	LL	62:	169	1101	1100			-1	910	353	71.
58	LL	41:	248	1143	1150			7	462	47	28.
59	LL	9:	284	---	1167			NO PEAKS	FOUND		
60	LL	64:	266	---	1198			NO PEAKS	FOUND		
61	LL	81:	178	1214	1215			1	765	6	46.
				-1216				-1	745	9	45.
62	LL	78:	178	1216	1221			5	745	9	45.
				-1221				0	699	11	43.
				-1223				-2	604	12	38.
63	LL	68:	149	1321	1320			-1	989	383	76.
				-1327				-7	890	82	48.
64	LL	39:	202	1375	1391			-4	571	12	37.
65	LL	961:	240	1605	1604			-1	775	443	68.
66	LL	954:	244	1458	1456			-2	988	400	77.
67	LL	84:	202	1428	1424			-4	623	46	41.
				-1426				-2	563	14	36.
				-1422				2	533	10	35.
68	LL	5:	184	---	1483			NO PEAKS	FOUND		
69	LL	67:	149	1541	1540			-1	713	47	45.
				-1546				-6	652	32	42.
				-1543				-3	623	46	41.
70	LL	72:	228	1606	1603			-3	647	4	40.
				-1608				-5	560	3	36.
71	LL	76:	228	1606	1609			3	570	2	36.
				-1609				1	469	3	31.
				-1610				-1	431	3	29.
72	LL	28:	252	1610	1609			-1	316	6	24.
73	LL	66:	149	1630	1631			1	680	122	48.
				-1635				-4	451	47	32.
				-1637				-6	386	33	28.
74	LL	952:	264	1866	1862			-4	972	484	80.
75	LL	69:	149	1741	1735			-6	209	27	19.
				-1737				-2	189	26	18.
				-1732				3	174	27	18.
76	LL	74:	252	1791	1790			-1	567	15	37.
				-1786				4	386	10	27.
				-1798				-8	432	9	22.
77	LL	73:	252	1857	1853			-4	410	6	38.
				-1864				-11	651	6	32.
				-1866				-13	517	4	15.
PREDICTED	SCAN	#	OUTSIDE	LIMITS				NO PEAKS	FOUND		
78	LL	83:	276	---	2174			NO PEAKS	FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS				NO PEAKS	FOUND		
79	LL	82:	278	---	2188			NO PEAKS	FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS				NO PEAKS	FOUND		
80	LL	79:	276	---	2268			NO PEAKS	FOUND		

005313

QUANTITATION REPORT FILE: S553201AB

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

NO	NAME
1	964: D4-1,4-DICHLOROBENZENE (Q 150)
2	982: 2-FLUOROPHENOL (Q 112)
3	61: N-NITROSODIMETHYLAMINE (Q74, R10:2:9)
4	C5: ANILINE (Q 93)
5	983: D5-PHENOL (Q77, R4:10)
6	65: PHENOL (Q94, R2:2:10)
7	18: BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24: 2-CHLOROPHENOL (Q128, R5:10:3)
9	26: 1,3-DICHLOROBENZENE (Q146, R1:10:6)
10	27: 1,4-DICHLOROBENZENE (Q146, R1:10:6)
11	25: 1,2-DICHLOROBENZENE (Q146, R1:10:6)
12	42: BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12: HEXACHLOROETHANE (Q117, R10:6:10)
14	C6: BENZYL ALCOHOL (Q 106)
15	63: N-NITROSODI-N-PROPYLAMINE (Q130, R6:1:2)
16	C2: 2-METHYLPHENOL (Q 108)
17	C3: 4-METHYLPHENOL (Q 108)
18	987: NAPHTHALENE-DB (Q136)
19	988: NITROBENZENE-D5 (Q128)
20	56: NITROBENZENE (Q123, R1.5:10:5)
21	54: ISOPHORONE (Q82, R10:1:2)
22	57: 2-NITROPHENOL (Q139, R3:0.8:10)
23	34: 2,4-DIMETHYLPHENOL (Q122, R9:5:10)
24	43: BIS (2-CHLOROETHOXY) METHANE (Q93, R10:3:2)
25	31: 2,4-DICHLOROPHENOL (Q162, R6:10:6)
26	C1: BENZOIC ACID (Q 122)
27	9: 1,2,4-TRICHLOROBENZENE (Q190, R3:10:9)
28	55: NAPHTHALENE (Q128, R1:10:1)
29	C7: 4-CHLOROANILINE (Q 127)
30	52: HEXACHLOROBTADIENE (Q225, R6:10:6)
31	22: 4-CHLORO-3-METHYLPHENOL (Q 144)
32	C9: 2-METHYLNAPHTHALENE (Q 142)
33	957: D10-ACENAPHTHENE (Q164)
34	53: HEXACHLOROCYCLOPENTADIENE (Q237, R6:10:1)
35	21: 2,4,6-TRICHLOROPHENOL (Q176, R10:9:3)
36	976: 2-FLUOROBIPHENYL (Q172, R1.5:2.4:10)
37	C4: 2,4,5-TRICHLOROPHENOL (Q 176)
38	20: 2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	C10: 2-NITROANILINE (Q 138)
40	77: ACENAPHTHYLENE (Q152, R2:10:2)
41	71: DIMETHYL PHTHALATE (Q163, R10:1:1)
42	36: 2,6-DINITROTOLUENE (Q165, R2:7:10)
43	1: ACENAPHTHENE (Q154, R5:10:10)
44	59: 2,4-DINITROPHENOL (Q184, R6:5:10)
45	C8: DIBENZOFURAN (Q 168)
46	35: 2,4-DINITROTOLUENE (Q89, R7:2:10)
47	58: 4-NITROPHENOL (Q109, R10:7:5)
48	C11: 3-NITROANILINE (Q 138)
49	80: FLUORENE (Q166, R8:10:1.4)
50	40: 4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70: DIETHYL PHTHALATE (Q149, R10:1:2)
52	C12: 4-NITROANILINE (Q 138)
53	955: 2,4,6-TRIBROMOPHENOL (Q332)

005314

005315

NO	NAME
54	962: D10-PHENANTHRENE (Q 188)
55	60: 4,6-DINITRO-2-METHYLPHENOL (Q 178)
56	37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
57	62: N-NITROSODIPHENYLAMINE (Q169, R5:7:10)
58	41: 4-BROMOPHENYL PHENYL ETHER (Q248, R5:10:10)
59	9: HEXACHLOROBENZENE (Q284, R3:2:10)
60	64: PENTACHLOROPHENOL (Q266, R6:10:6)
61	51: PHENANTHRENE (Q 178)
62	78: ANTHRACENE (Q 178)
63	68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
64	39: FLUORANTHENE (Q202, R1:2:10)
65	961: D12-CHRYSENE (Q240)
65	954: D14-TERPHENYL (Q244)
67	84: PYRENE (Q202, R3:2:10)
68	5: BENZIDINE (Q184, R2:10:1)
69	67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
70	72: BENZO(A)ANTHRACENE (Q 228)
71	76: CHRYSENE (Q 228)
72	28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
73	66: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
74	952: D12-PERYLENE (Q 264)
75	69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
76	74: 3,4-BENZOFLUORANTHENE &/OR BENZO(K)FLUORANTHENE (Q252)
77	73: BENZO(A)PYRENE (Q252, R2:10:2)
78	83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
79	82: DIBENZO(A,H)ANTHRACENE (Q278, R2:10:2)
80	79: BENZO(GHI)PERYLENE (Q276, R4:10:3)

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	UG/L	%TOT
1	150	546	9:33	1	1.000	A BV	90565.	40.000	UG/L	5.06
2	112	376	6:35	1	0.689	A BB	299522.	163.244	UG/L	20.64
3		FOUND								
4	93	510	8:55	1	0.934	A BB	60.	0.113	UG/L	0.01
5	99	516	9:02	1	0.945	A BB	261433.	130.610	UG/L	16.51
6	94	524	9:10	1	0.960	A BB	50.	0.020	UG/L	0.02
7	93	521	9:07	1	0.954	A BB	218.	0.090	UG/L	0.01
8	128	522	9:08	1	0.956	A BV	7397.	4.400	UG/L	0.56
9	146	539	9:25	1	0.987	A BV	425.	0.218	UG/L	0.03
10	146	539	9:26	1	0.987	A BV	425.	0.231	UG/L	0.03
11	146	574	10:03	1	1.051	A BB	170.	0.076	UG/L	0.01
12	121	598	10:28	1	1.095	A BB	14.	0.022	UG/L	0.00
13	117	622	10:53	1	1.139	A BB	26.	0.028	UG/L	0.00
14	108	574	10:03	1	1.051	A BB	23.	0.028	UG/L	0.00
15		FOUND								
16	108	605	10:35	1	1.108	A BB	124.	0.068	UG/L	0.01
17	108	622	10:53	1	1.139	A BB	31.	0.021	UG/L	0.00
18	136	732	12:49	18	1.000	A BB	173998.	40.000	UG/L	5.06
19	128	634	11:06	18	0.866	A BV	3040.	3.260	UG/L	0.41
20	123	634	11:06	18	0.866	A BB	12.	0.011	UG/L	0.00
21	82	570	11:43	18	0.915	A BV	73.	0.022	UG/L	0.00
22	139	683	11:57	18	0.933	A BB	13.	0.016	UG/L	0.00
23	122	706	12:21	18	0.964	A BB	19.	0.008	UG/L	0.00
24	93	704	12:10	18	0.962	A BB	25.	0.011	UG/L	0.00
25		FOUND								
26	122	732	12:49	18	1.000	A BB	29.	0.062	UG/L	0.01
27	100	728	12:44	18	0.995	A BB	10.	0.007	UG/L	0.00

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA (HGT)	AMOUNT	UG/L	ZTOT
28	128	735	12:52	18	1.004	A BV	268.	0.066	UG/L	0.01
29	127	765	13:23	18	1.045	A BB	17.	0.045	UG/L	0.01
30	NOT FOUND									
31	NOT FOUND									
32	142	838	14:40	18	1.145	A BB	14.	0.004	UG/L	0.00
33	164	994	17:24	33	1.000	A BV	83481.	40.000	UG/L	5.06
34	NOT FOUND									
35	196	894	15:39	33	0.899	A BB	685.	1.007	UG/L	0.13
36	172	901	15:46	33	0.906	A BB	14221.	5.201	UG/L	0.64
37	196	894	15:39	33	0.899	A BB	685.	1.007	UG/L	0.13
38	162	909	15:53	33	0.913	A BB	12.	0.004	UG/L	0.00
39	138	941	16:23	33	0.947	A BB	14.	0.020	UG/L	0.00
40	152	971	17:00	33	0.977	A BB	35.	0.013	UG/L	0.00
41	163	975	17:04	33	0.981	A BB	27.	0.011	UG/L	0.00
42	165	981	17:10	33	0.987	A BB	36.	0.062	UG/L	0.01
43	154	994	17:24	33	1.000	A BV	266.	0.131	UG/L	0.02
44	NOT FOUND									
45	168	1020	17:51	33	1.026	A BB	13.	0.004	UG/L	0.00
46	89	1033	18:05	33	1.039	A BB	19.	0.044	UG/L	0.01
47	109	1047	18:19	33	1.053	A BB	27.	0.143	UG/L	0.02
48	NOT FOUND									
49	166	1075	18:49	33	1.081	A BB	16.	0.007	UG/L	0.00
50	NOT FOUND									
51	149	1078	18:52	33	1.085	A BB	64.	0.027	UG/L	0.00
52	NOT FOUND									
53	332	1114	19:30	33	1.121	A BB	46982.	230.682	UG/L	29.17
54	188	1211	21:12	54	1.000	A BB	98122.	40.000	UG/L	5.06
55	NOT FOUND									
56	77	1095	19:10	54	0.904	A BB	90.	0.395	UG/L	0.05
57	169	1101	19:16	54	0.909	A BV	337.	0.445	UG/L	0.06
58	248	1143	20:00	54	0.944	A BB	11.	0.019	UG/L	0.00
59	NOT FOUND									
60	NOT FOUND									
61	178	1214	21:15	54	1.002	A BB	212.	0.072	UG/L	0.01
62	178	1216	21:17	54	1.004	A VV	329.	0.162	UG/L	0.02
63	149	1321	23:07	54	1.071	A BV	1055.	0.259	UG/L	0.03
64	202	1395	24:25	54	1.152	A BB	14.	0.006	UG/L	0.00
65	240	1605	28:05	65	1.000	A VV	40700.	40.000	UG/L	5.06
66	244	1458	25:31	65	0.908	A BB	8016.	7.525	UG/L	0.95
67	202	1428	24:59	65	0.890	A BB	45.	0.017	UG/L	0.00
68	NOT FOUND									
69	149	1541	26:38	65	0.960	A BB	95.	0.058	UG/L	0.01
70	228	1606	28:06	65	1.001	A BB	87.	0.071	UG/L	0.01
71	228	1606	28:06	65	1.001	A BV	87.	0.073	UG/L	0.01
72	252	1610	28:10	65	1.003	A BB	13.	0.058	UG/L	0.01
73	149	1630	28:31	65	1.016	A BV	1146.	0.646	UG/L	0.08
74	264	1826	32:39	74	1.000	A VB	20900.	40.000	UG/L	5.06
75	149	1741	30:00	74	0.933	A BB	48.	0.015	UG/L	0.00
76	252	1791	31:21	74	0.960	A BB	32.	0.027	UG/L	0.00
77	252	1857	32:00	74	0.975	A BB	15.	0.024	UG/L	0.00
78	NOT FOUND									
79	NOT FOUND									
80	NOT FOUND									

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
1	9:34	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00

005316

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
2	6:35	1.00	687	1.00	163.24	41.70	3.172	0.810	3.91
3	4:00	1.00	99	1.00	0.11	0.00	0.001	0.001	0.00
4	8:54	1.00	183	1.00	130.61	41.70	2.769	0.884	3.13
5	9:04	1.00	47	1.00	0.02	0.00	0.000	1.092	0.00
6	9:06	1.01	51	1.01	0.09	0.00	0.002	1.073	0.00
7	9:10	0.99	55	1.00	4.40	0.00	0.065	0.743	0.00
8	9:08	0.00	44	1.00	0.22	0.00	0.004	0.841	0.00
9	9:07	1.00	77	1.00	0.00	0.00	0.004	0.812	0.00
10	9:06	0.00	44	1.00	0.00	0.00	0.002	0.877	0.00
11	10:31	1.00	91	1.00	0.02	0.00	0.000	0.281	0.00
12	10:48	0.01	91	1.00	0.03	0.00	0.000	0.411	0.00
13	10:57	0.99	77	0.99	0.03	0.00	0.000	0.362	0.00
14	10:54	1.00	99	1.00	0.09	0.00	0.001	1.322	0.00
15	10:31	1.01	91	1.01	0.02	0.00	0.001	0.626	0.00
16	10:55	1.00	10	1.00	4.00	0.00	1.000	0.647	0.00
17	11:00	1.00	00	1.00	3.26	0.00	0.034	0.214	0.16
18	11:05	1.00	04	1.00	0.01	0.00	0.000	0.248	0.00
19	11:47	1.00	00	1.00	0.02	0.00	0.000	0.762	0.00
20	11:57	1.00	00	1.00	0.02	0.00	0.000	0.188	0.00
21	12:14	1.01	00	1.01	0.01	0.00	0.000	0.301	0.00
22	12:29	0.99	00	0.99	0.01	0.00	0.000	0.508	0.00
23	12:56	1.01	00	1.01	0.06	0.00	0.000	0.380	0.00
24	12:44	1.00	00	1.00	0.01	0.00	0.000	0.107	0.00
25	12:44	1.00	00	1.00	0.07	0.00	0.001	0.332	0.00
26	13:00	1.01	00	1.01	0.04	0.00	0.000	0.931	0.00
27	13:23	1.00	00	1.00	0.00	0.00	0.000	0.088	0.00
28	14:44	1.00	00	1.00	0.00	0.00	0.000	0.168	0.00
29	14:44	1.00	00	1.00	0.00	0.00	0.000	0.254	0.00
30	17:41	1.00	00	1.00	0.00	0.00	0.000	0.773	0.00
31	17:25	1.00	00	1.00	40.00	40.00	1.000	1.000	1.00
32	15:17	1.00	00	1.00	1.01	0.00	0.007	0.247	0.00
33	15:33	1.01	00	1.01	5.20	0.00	0.328	0.324	0.02
34	15:43	1.01	00	1.01	1.00	0.00	0.007	1.310	0.02
35	15:33	1.00	00	1.00	0.00	0.00	0.000	0.326	0.02
36	15:33	1.00	00	1.00	0.00	0.00	1.000	0.296	0.00
37	16:00	1.00	00	1.00	0.02	0.00	0.000	0.344	0.00
38	17:00	1.00	00	1.00	0.01	0.00	0.000	1.325	0.00
39	17:00	1.00	00	1.00	0.01	0.00	0.000	1.167	0.00
40	17:00	0.00	00	1.00	0.06	0.00	0.000	0.279	0.00
41	17:44	0.99	00	1.00	0.13	0.00	0.003	1.043	0.00
42	17:44	1.00	00	1.00	0.00	0.00	0.000	0.040	0.00
43	17:54	1.00	00	1.00	0.00	0.00	0.000	1.462	0.00
44	18:10	1.00	00	1.00	0.04	0.00	0.000	0.206	0.00
45	18:10	1.01	00	1.01	0.14	0.00	0.000	0.091	0.00
46	17:00	1.00	00	1.00	0.00	0.00	0.000	0.034	0.00
47	18:40	1.00	00	1.00	0.01	0.00	0.000	1.030	0.00
48	18:50	1.00	00	1.00	0.03	0.00	0.001	0.576	0.00
49	19:00	1.00	00	1.00	230.68	41.70	0.540	0.143	0.00
50	19:30	1.00	00	1.00	40.00	40.00	1.000	0.055	0.00
51	19:10	1.00	00	1.00	0.00	0.00	0.000	0.098	5.53
52	19:11	1.00	00	1.00	0.00	0.00	0.000	1.000	1.00
53	19:15	1.00	00	1.00	0.40	0.00	0.001	0.075	0.00
54	19:15	0.00	00	1.00	0.44	0.00	0.003	0.093	0.01
55	19:15	0.00	00	1.00	0.00	0.00	0.000	0.309	0.01

005317

NO	RET (L)	RATIO	RRT (L)	RATIO	AMNT	AMNT (L)	R. FAC	R. FAC (L)	RATIO
58	20:07	0.99	0.950	0.99	0.02	50.00	0.000	0.235	0.00
59	20:25		0.944			50.00		0.268	
60	20:58		0.989			50.00		0.093	
61	21:16	1.00	1.003	1.00	0.07	50.00	0.002	1.201	0.00
62	21:22	1.00	1.008	1.00	0.16	50.00	0.003	0.829	0.00
63	23:06	1.00	1.090	1.00	0.26	50.00	0.007	1.663	0.01
64	24:21	1.00	1.149	1.00	0.01	50.00	0.000	0.935	0.00
65	23:04	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
66	23:28	1.00	0.907	1.00	7.52	20.00	0.379	1.047	0.36
67	24:54	1.00	0.887	1.00	0.02	50.00	0.001	2.565	0.00
68	25:55		0.924			50.00		0.001	
69	26:56	1.00	0.959	1.00	0.06	50.00	0.002	1.617	0.00
70	28:02	1.00	0.999	1.00	0.07	50.00	0.002	1.228	0.00
71	28:08	1.00	1.002	1.00	0.07	50.00	0.002	1.170	0.00
72	28:06	1.00	1.002	1.00	0.06	50.00	0.000	0.222	0.00
73	28:31	1.00	1.016	1.00	0.65	50.00	0.023	1.743	0.01
74	30:35	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
75	30:18	1.01	0.930	1.00	0.02	50.00	0.002	5.301	0.00
76	31:15	1.00	0.959	1.00	0.03	100.00	0.001	1.761	0.00
77	32:21	1.00	0.993	1.00	0.02	50.00	0.001	1.063	0.00
78	37:57		1.165			50.00		0.825	
79	38:12		1.172			50.00		0.567	
80	39:36		1.215			50.00		1.066	

005310

PIC + MASS CHROMATOGRAMS

DATA: S553201AB #1

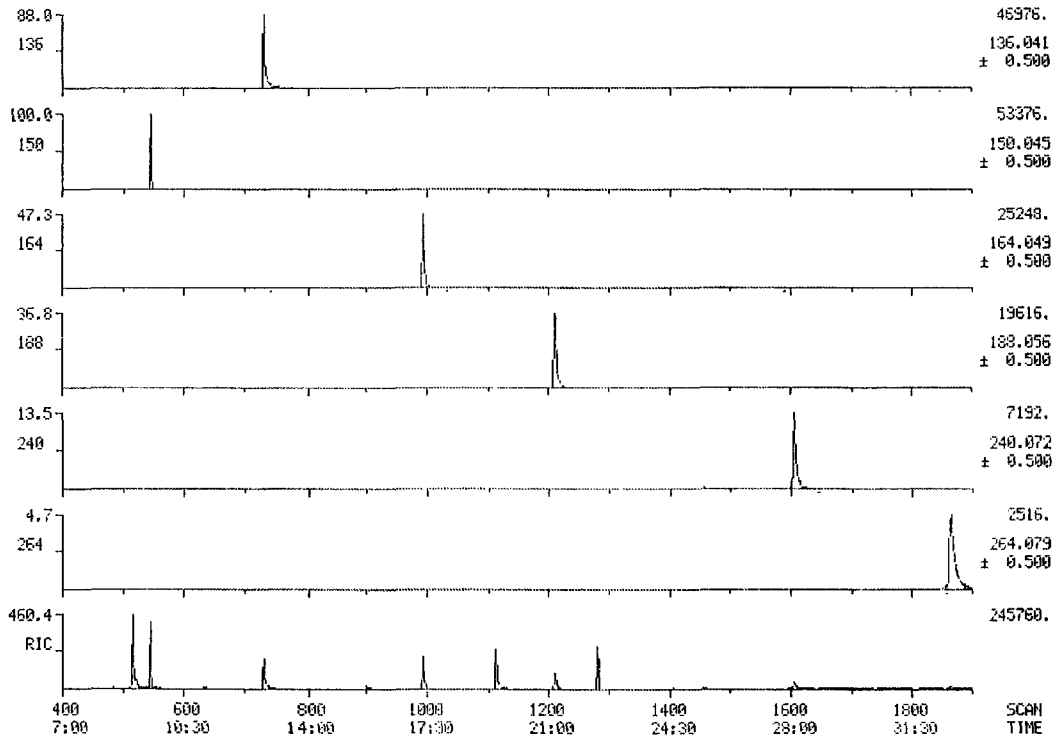
SCANS 400 TO 1900

12/17/84 22:15:00

CALI: FC431 #22

SAMPLE: 1396F-05, 1UL OF INL CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.18.0 QUAN: A 5, 2.0 BASE: U 30, 4



005319

FIC + MASS CHROMATOGRAMS

DATA: S5532BIAB #1

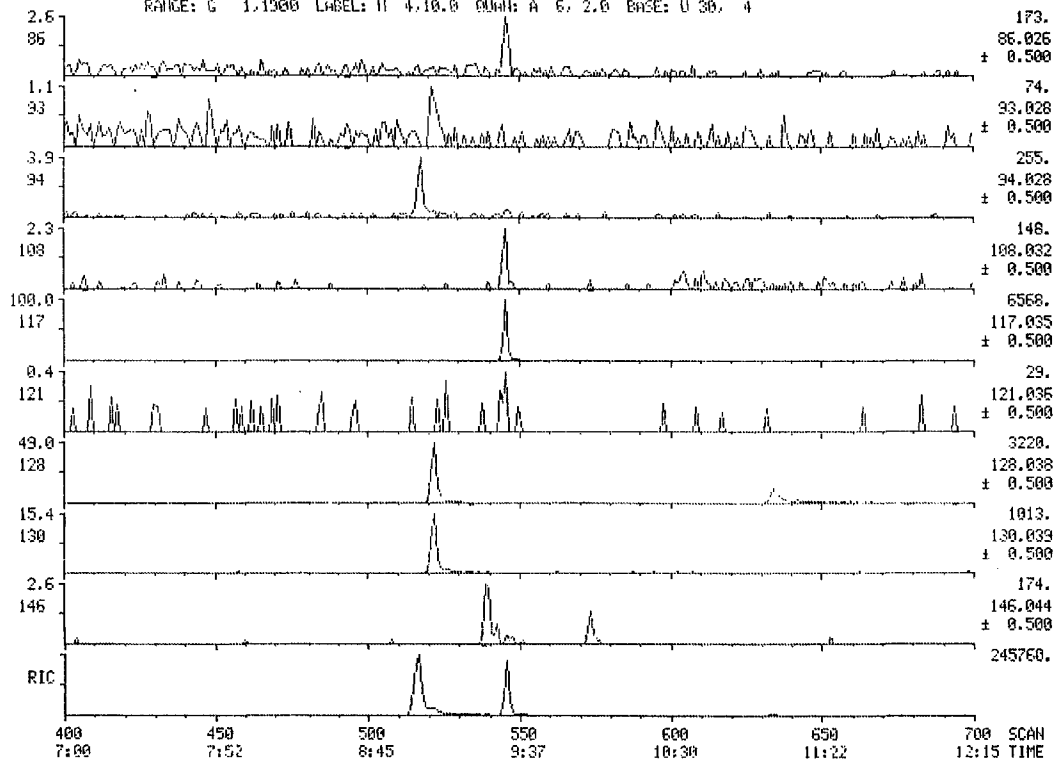
SCAN# 400 TO 700

12/17/84 22:15:00

CHLI: FC134 #22

SAMPLE: 1396F-85, IUL OF IML CONC., 500ML/ML

RANGE: G 1.1300 LABEL: H 9.10.0 QUAN: A 5, 2.0 BASE: U 30, 4



005320

PIC + MASS CHROMATOGRAMS

DATA: 35932R1HG #1

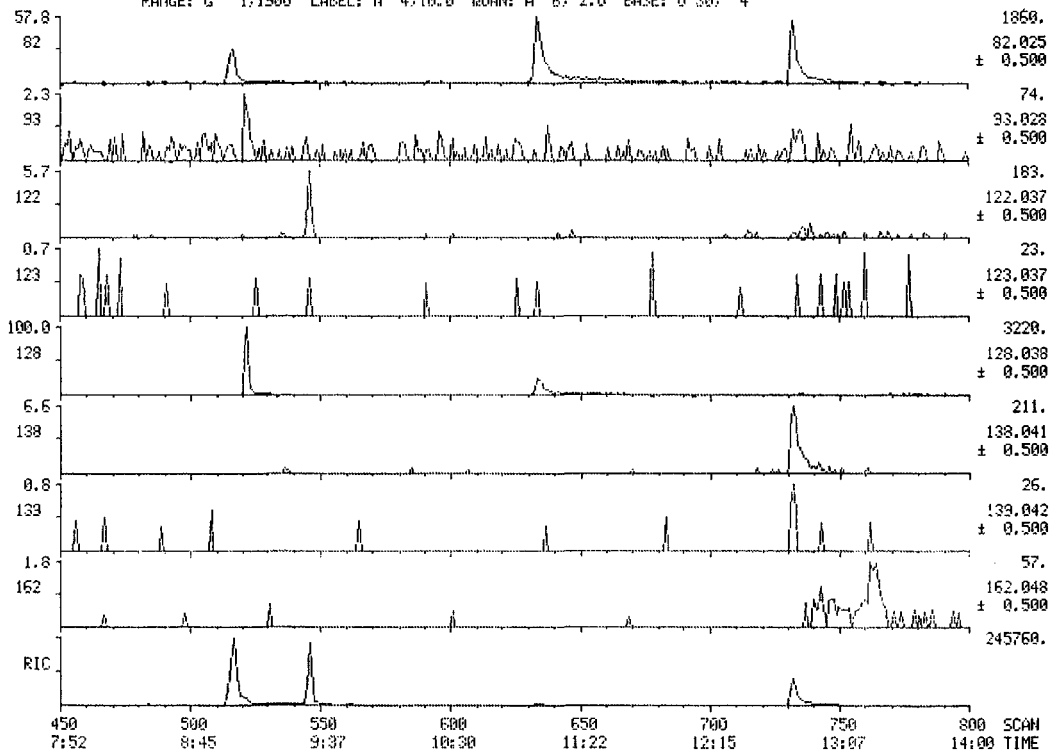
SCANS 450 TO 800

12-17-84 22:15:00

CALI: FC434 #22

SAMPLE: 1396F-05, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.18.0 RUN#: A 6, 2.0 BASE: U 30, 4



005321

FIC + MASS CHROMATOGRAMS

DATA: S553201HR #1

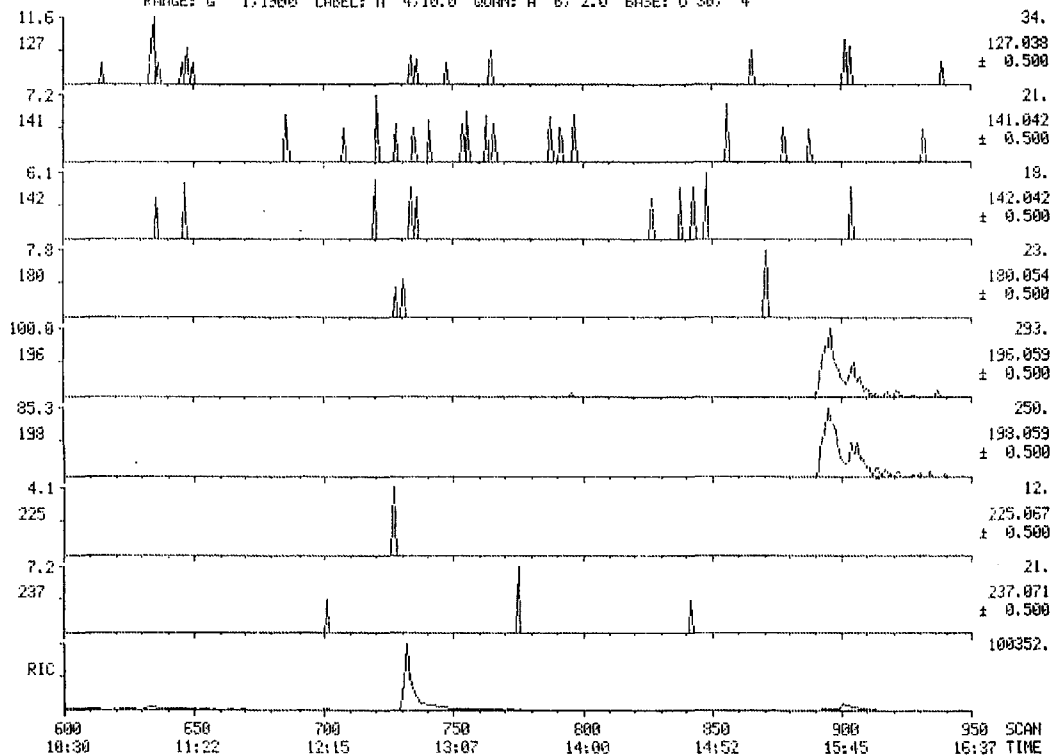
SCAN: 600 TO 950

12-17-84 22:15:00

CALI: FC434 #22

SAMPLE: 1396F-05, 1UL OF 1NL CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUN: A 6, 2.0 BASE: U 30, 4



005322

PIC + MASS CHROMATOGRAMS

DATA: S553201AB #1

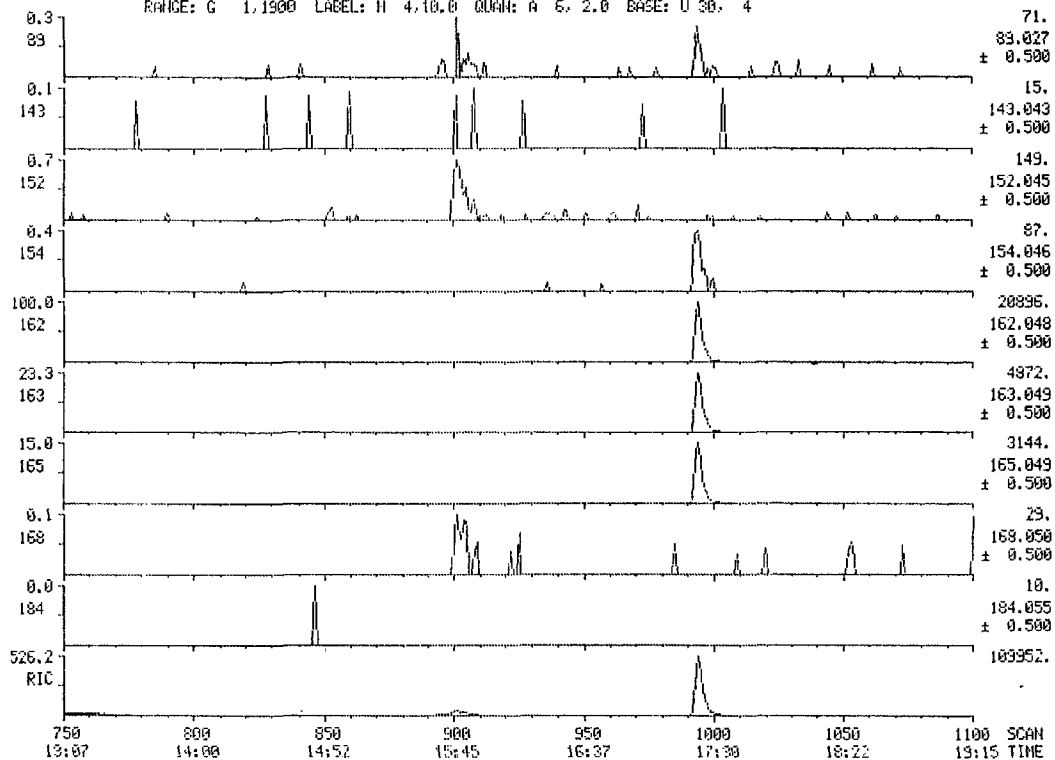
SCANS 750 TO 1100

12-17-84 22:15:00

CALI: FC434 #22

SAMPLE: 1396F-05, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 5. 2.0 BASE: U 30. 4



005323

PIC + MASS CHROMATOGRAMS

DATA: S553201AB #1

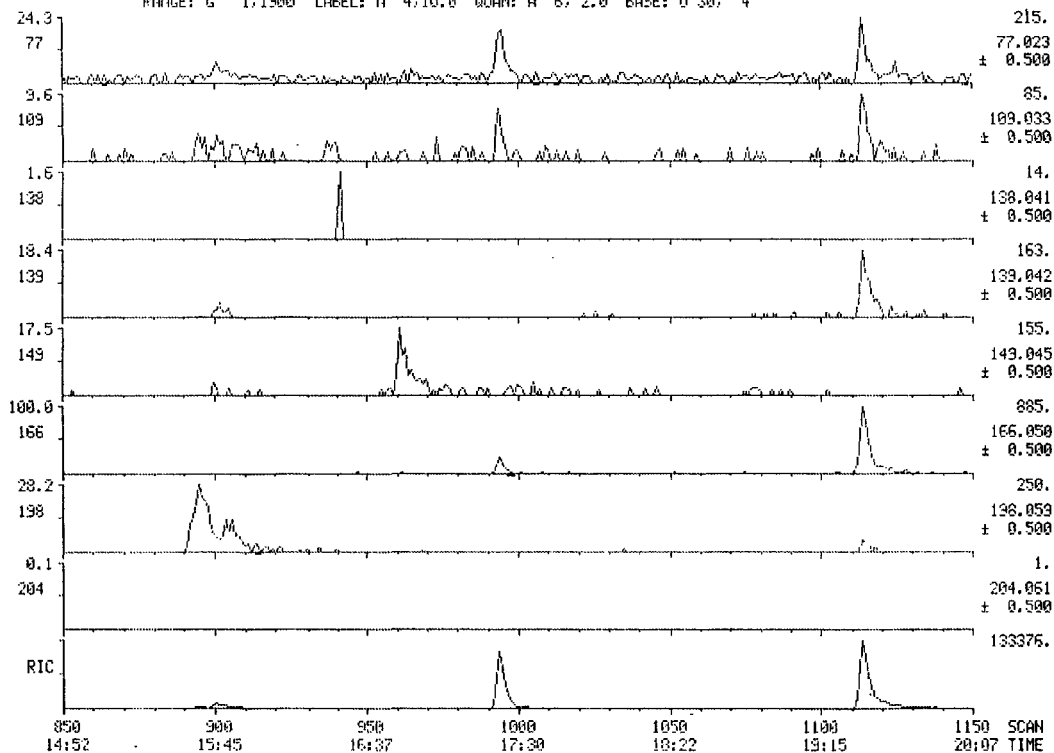
SCANS 850 TO 1150

12/17/84 22:15:00

CALI: FC434 #22

SAMPLE: 1396F-05, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005324

RIC + MASS CHROMATOGRAMS

12/17/84 22:15:00

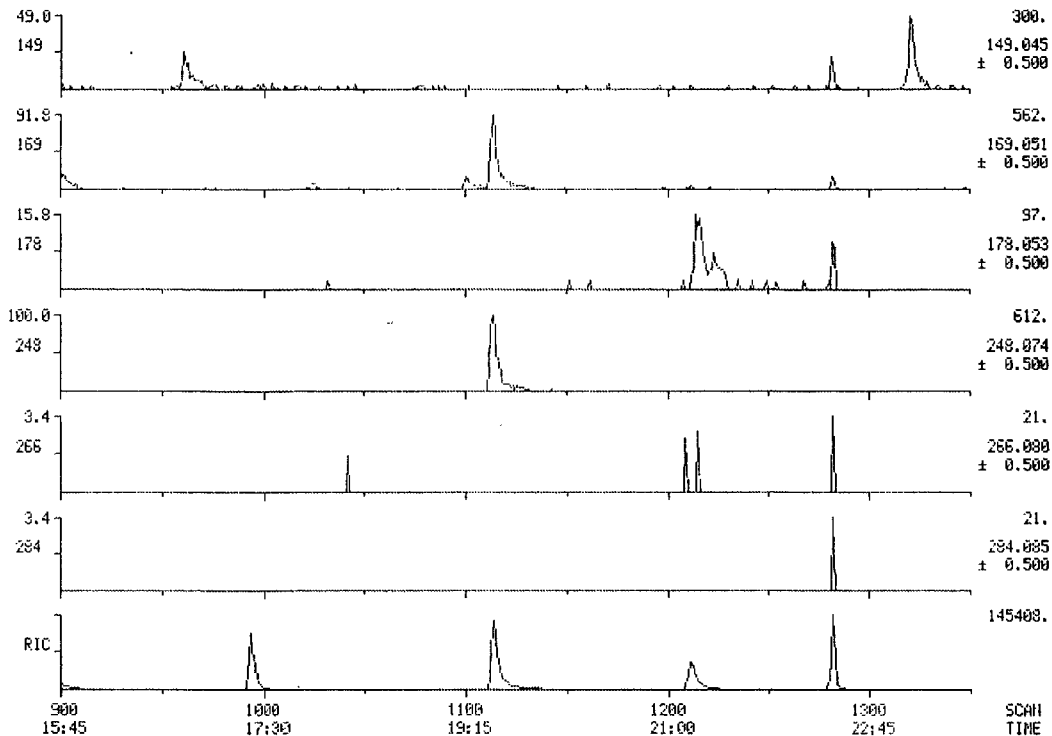
SAMPLE: 1396F-85, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1300 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 5553201AB #1

CALI: FC434 #22

SCALE: 900 TO 1350



005325

FIT + MASS CHROMATOGRAMS

12/17/84 22:15:00

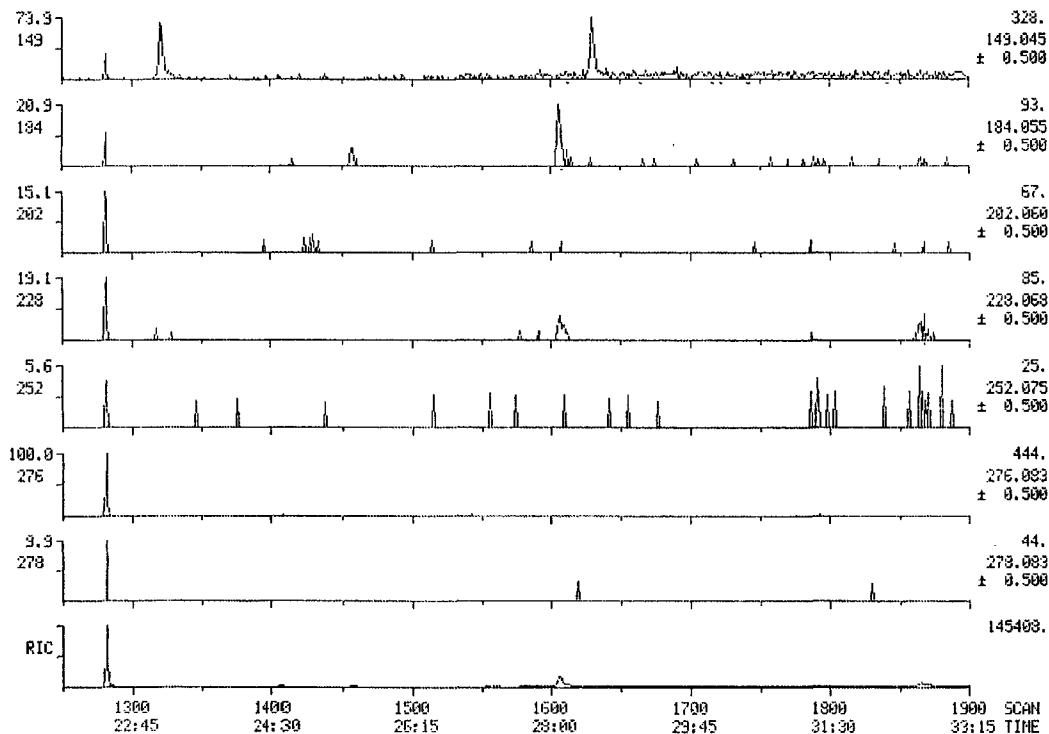
SAMPLE: 1395F-05, 1UL OF 1ML CONC., 500NL/ML

RANGE: G 1.1900 LABEL: H 4.10,0 QUAN: A 5, 2.0 BASE: U 30, 4

DATA: 5553201AB #1

CALI: FC434 #22

SCANS 1250 TO 1900



005326

RIC + MASS CHROMATOGRAMS

DATA: 5553201AB #1

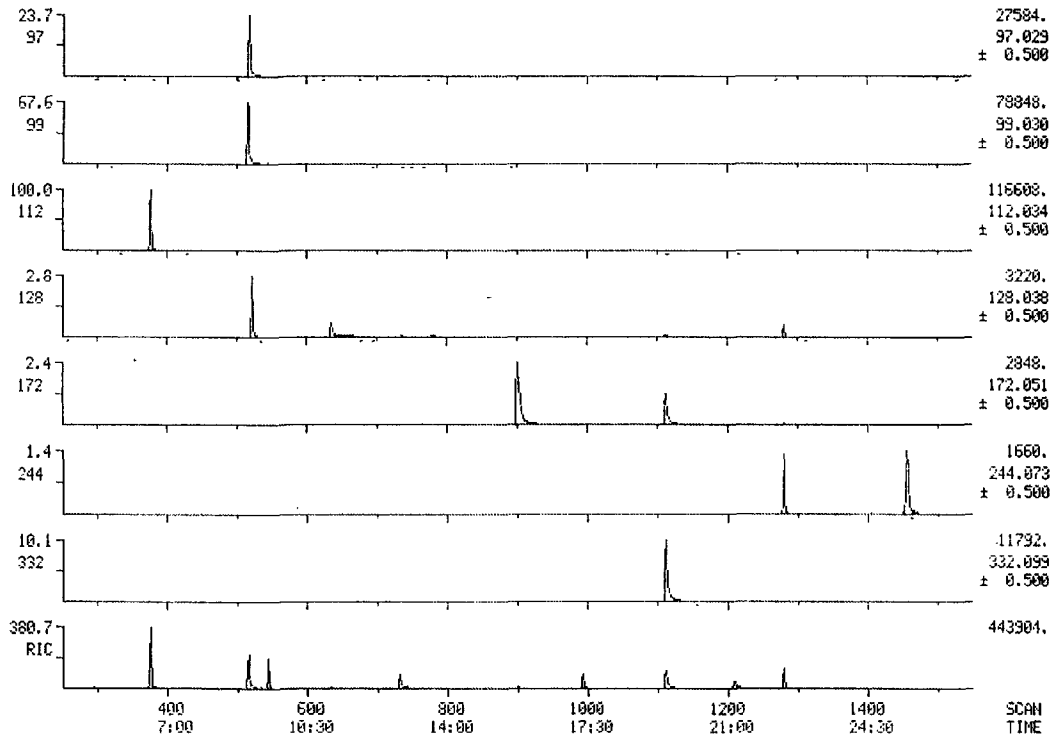
SCANS 250 TO 1550

12/17/84 22:15:09

COLI: FC434 #22

SAMPLE: 1396F-05, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A G, 2.0 BASE: U 30, 4

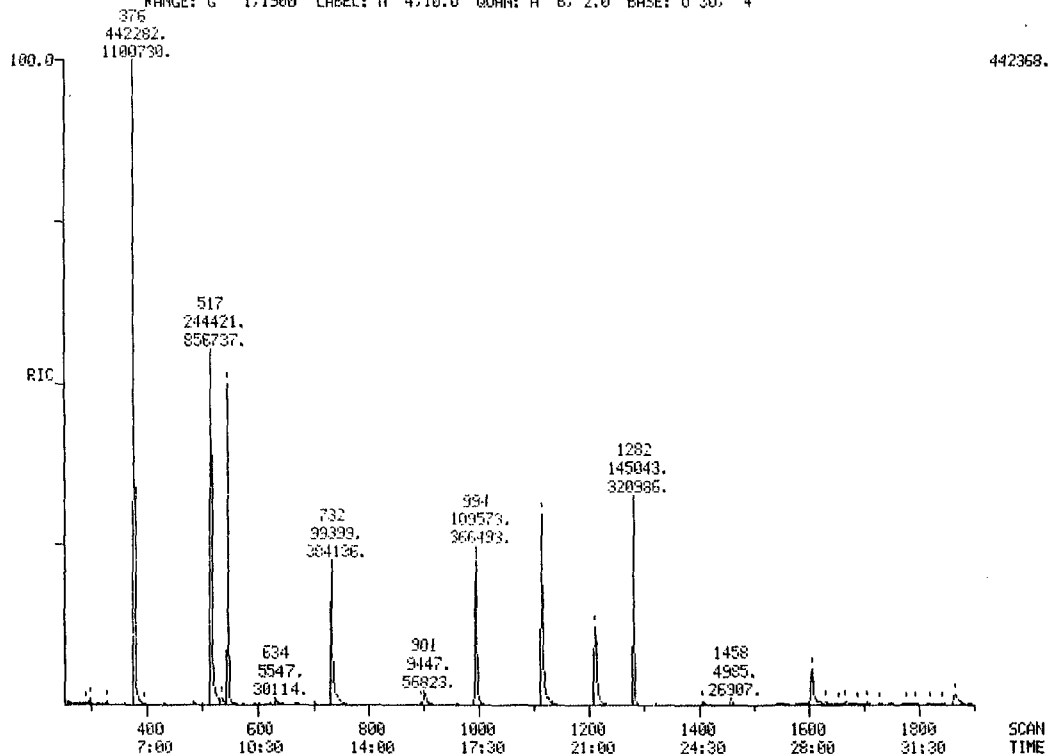


005327

FIC
12 17:34 22:15:00
SAMPLE: 1396F-85, 3UL OF 1ML CONC., 500ML/ML
RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4

DATA: S553201AB #1
CALI: FC434 #22

SCANS 250 TO 1900

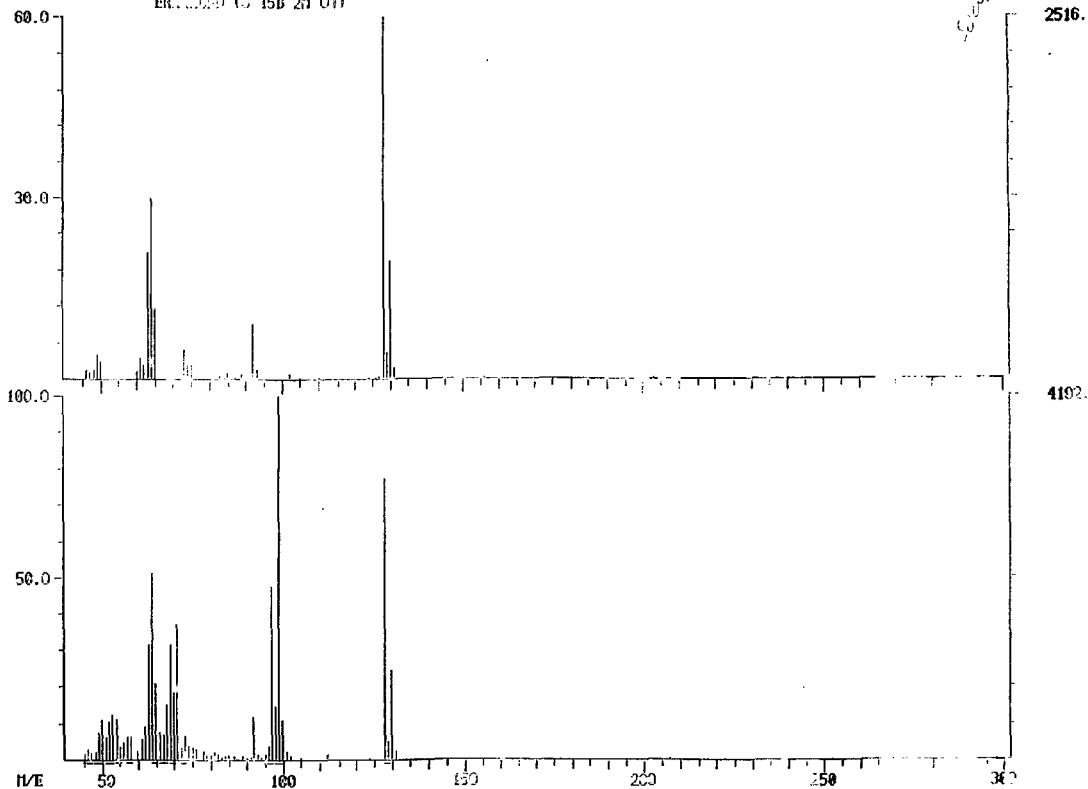


005328

HM L F I M D S P E C T R U M
12/12/81 22:45:00 + 9:00
SAI 16: 15007-05. 10L 07 M L C O N C . 0 . 0 0 0 0 0 0
ER. 0000 (S 15B 21 07)

DATA: 0553204AD 0522
NAME: FC121 022

BASE L I N E 107.90
R I C : 0007.7 27095.

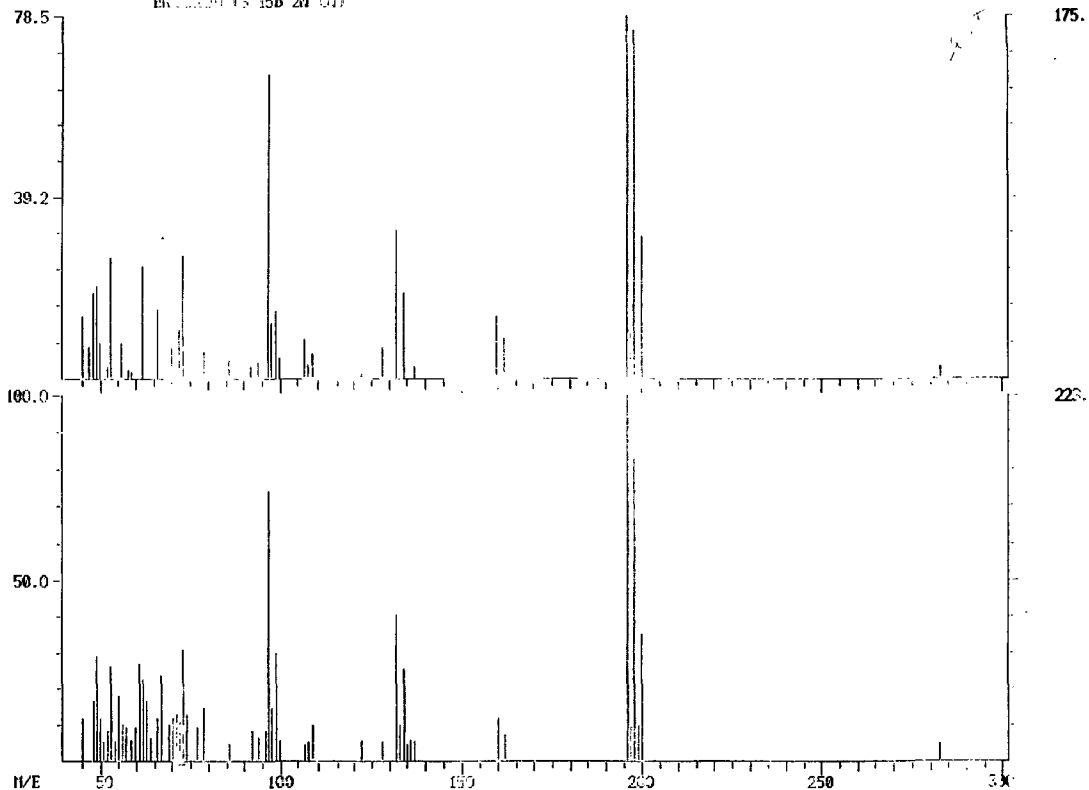


005329

DUAL MASS SPECTRUM
12/17/21 22:15:09 + 15:30
SAMPLE: 10308-05, 1ML OF 1ML CONC., 5000L/ML
EXTENDED 13 15B 2N 07)

DATA: S553201A1.D101
DATE: 06/18/21

BASE PE: 103V 103
RIC: 1341.7 2075.

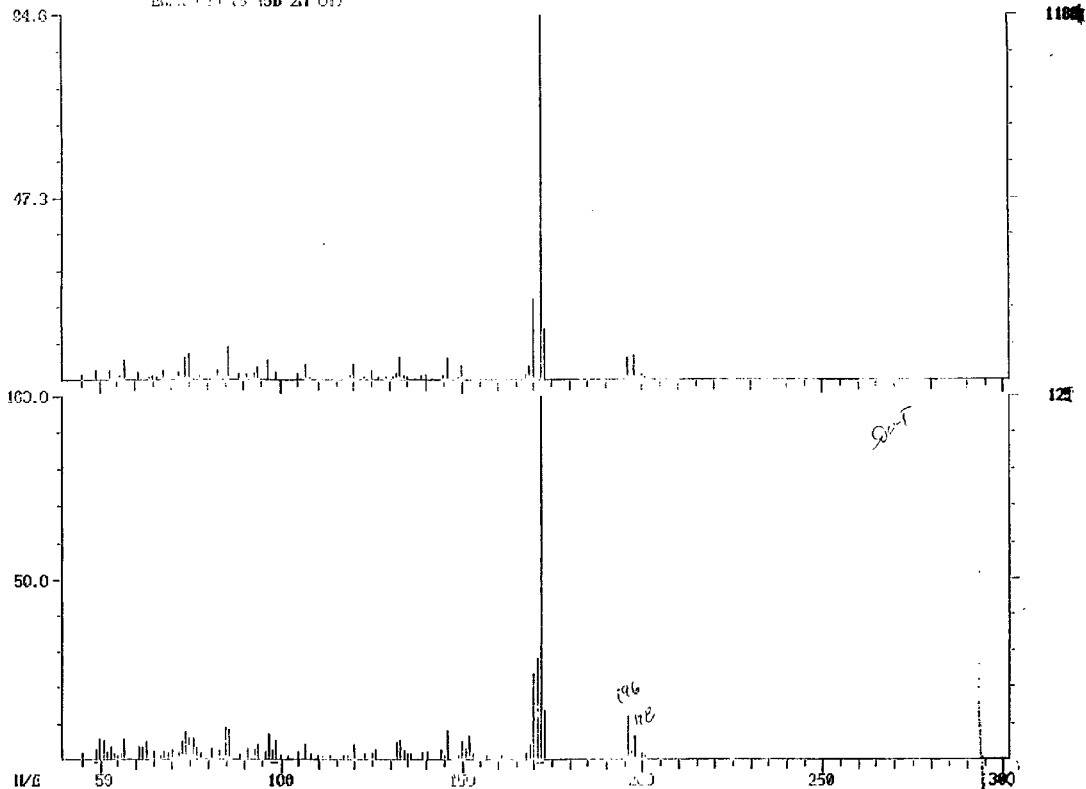


005330

DATA MASS SPECTRUM
12/17/81 22:15:00 + 15.80
SERIAL: 43734-05, PH. OF MIL CONC., ESCALAL
EQUIP: (3 15B 21 07)

DATA: S75320M1 0805
CALI: F0334 (2)

BASE PVR: 172/172
RIG: 3210.7 5194

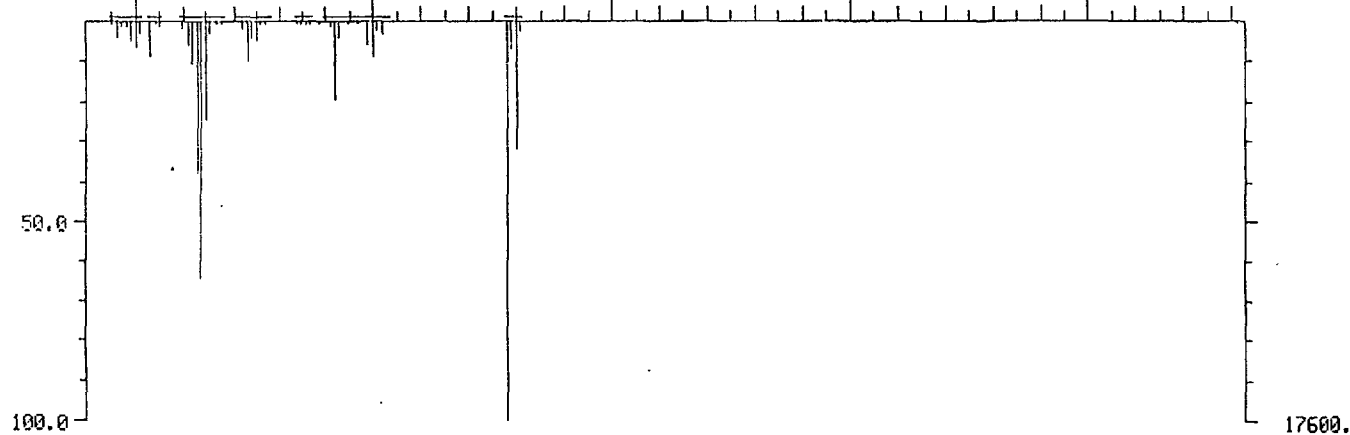
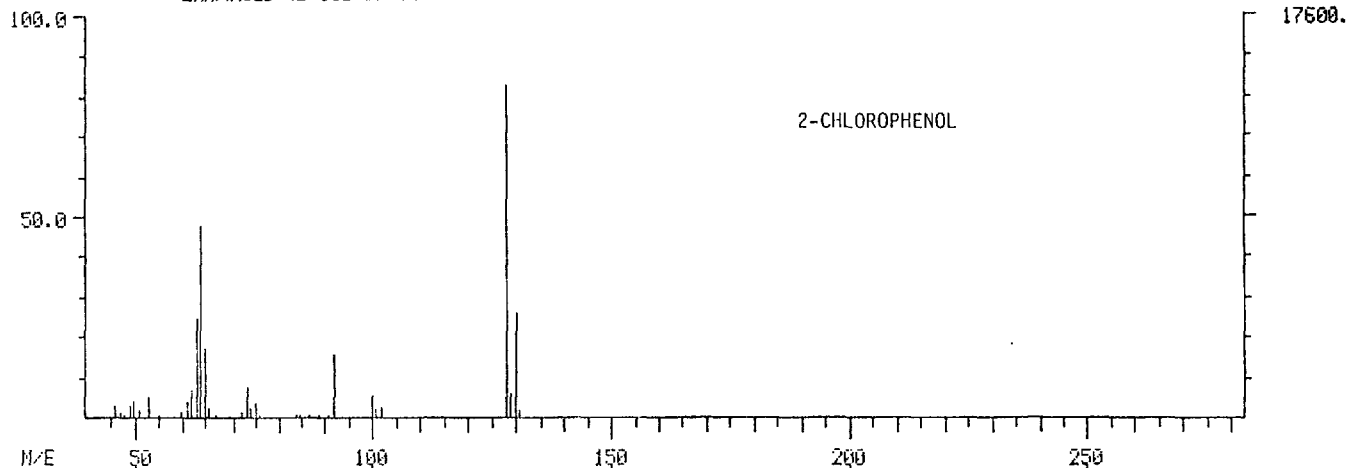


005331

DUAL MASS SPECTRUM
09/16/82 7:05:00 + 8:40
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #495
CALI: FC43 #15

BASE M/E: 128/ 128
RIC: 49855./ 69375.

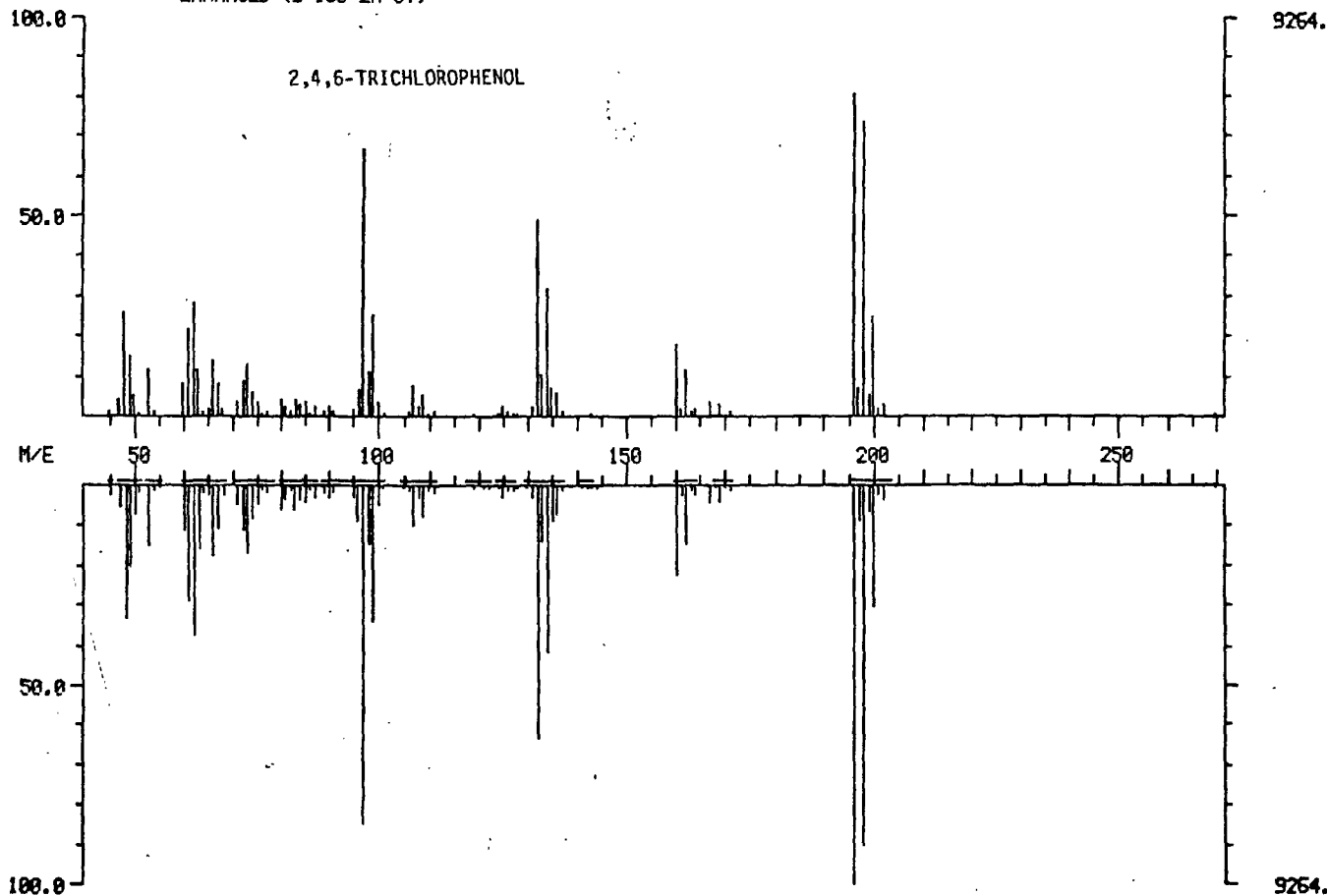


005332

DUAL MASS SPECTRUM
09/16/93 7:05:00 + 14:58
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #855
CALI: FC43 #15

BASE M/E: 196/ 196
RIC: 65279./ 84735.

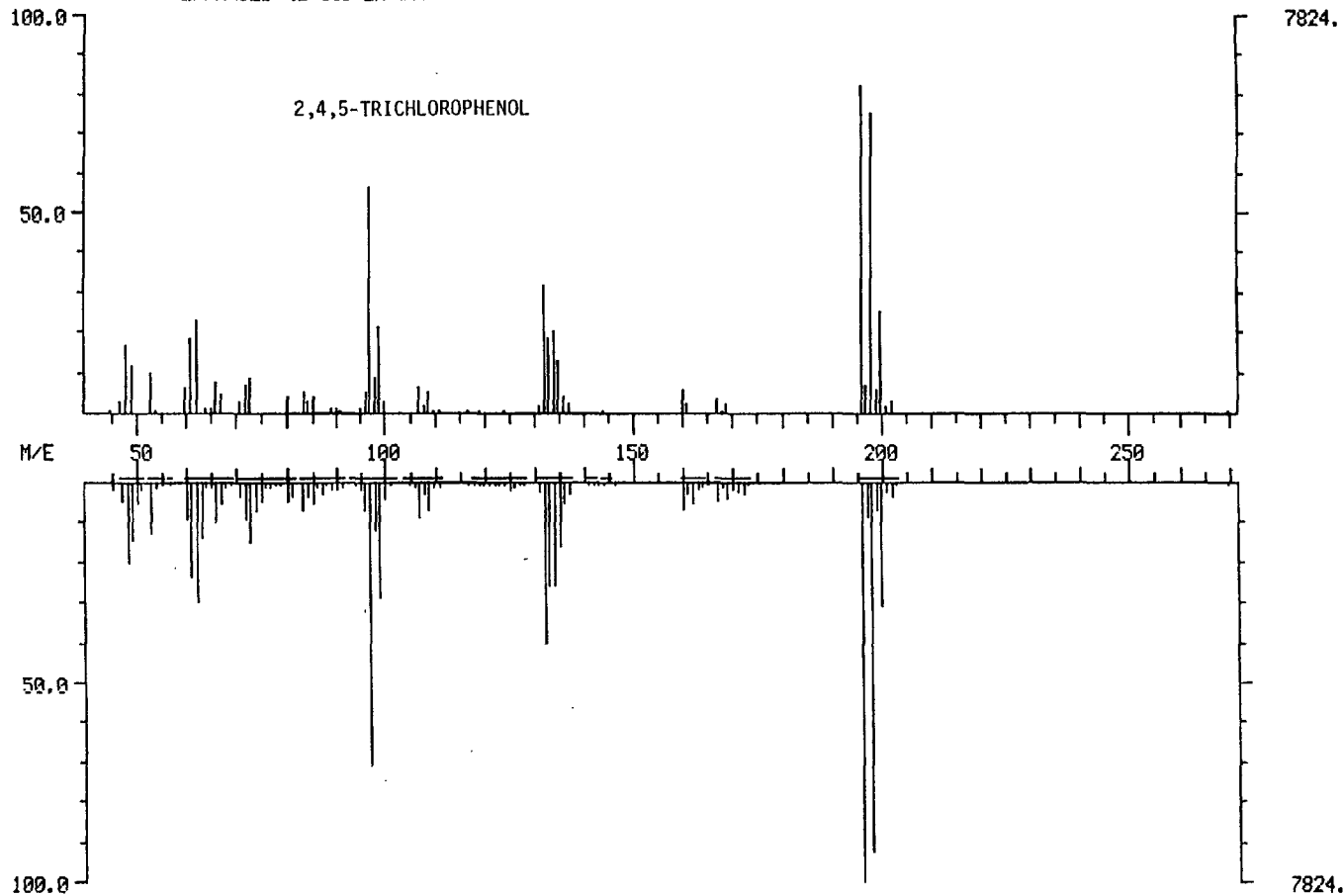


005333

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 15:09
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 15B 2N 0T)

DATA: K40916 #866
CALI: FC43 #15

BASE M/E: 196 / 196
RIC: 43775. / 61951.



005334

EPA PROJECT

Lab Number: 553301A

Std. I.D.: ST284 L4121E

Sample I.D.: 1396F-07

Date Injected: 12-12-84

Conc. factor (wet wt.): _____

Date Extracted: _____

Conc. factor (dry wt.): _____

J. L. ...

SEMI-VOLATILES (ABX)

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUAN.	AREA	QUAN LIST	ug/L or ug/Kg
964	D4-1,4-DICHLOROBENZENE	1.000	<u>539</u>	150	<u>115722</u>	<u>40</u>	_____
982	2-FLUOROPHENOL	0.693	<u>370</u>	112	<u>330775</u>	<u>138</u>	_____
61	N-NITROSODIMETHYLAMINE	0.440	_____	<u>74</u>	_____	_____	_____
05	ANILINE	0.835	_____	93	_____	_____	_____
983	PHENOL-D5	0.946	<u>510</u>	99	<u>317507</u>	<u>116</u>	_____
65	PHENOL	0.947	_____	<u>94</u>	_____	_____	_____
18	BIS(2-CHLOROETHYL)ETHER	0.959	_____	93	_____	_____	_____
24	2-CHLOROPHENOL	0.954	<u>514</u>	128	<u>8444</u>	<u>3.7</u>	_____
26	1,3-DICHLOROBENZENE	0.987	_____	146	_____	_____	_____
27	1,4-DICHLOROBENZENE	1.003	_____	146	_____	_____	_____
25	1,2-DICHLOROBENZENE	1.050	_____	146	_____	_____	_____
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096	_____	121	_____	_____	_____
12	HEXACHLOROETHANE	1.126	_____	117	_____	_____	_____
C6	BENZYL ALCOHOL	0.791	_____	108	_____	_____	_____
63	N-NITROSODI-N-PROPYLAMINE	0.855	_____	130	_____	_____	_____
C2	2-METHYLPHENOL	0.828	_____	108	_____	_____	_____
C3	4-METHYLPHENOL	0.854	_____	108	_____	_____	_____
987	NAPHTHALENE-D8	1.000	<u>724</u>	136	<u>210584</u>	<u>40</u>	_____
988	NITROBENZENE-D5	0.872	_____	128	_____	_____	_____
56	NITROBENZENE	0.875	_____	128	_____	_____	_____
54	ISOPHORONE	0.920	_____	82	_____	_____	_____
57	2-NITROPHENOL	0.935	_____	139	_____	_____	_____
34	2,4-DIMETHYLPHENOL	0.953	_____	122	_____	_____	_____
43	BIS(2-CHLOROETHOXY)METHANE	0.970	_____	93	_____	_____	_____
31	2,4-DICHLOROPHENOL	0.982	<u>709</u>	162	<u>1640</u>	<u>1.1</u>	_____
01	BENZYL ALCOHOL	0.982	_____	122	_____	_____	_____

005335

LAB NO.: _____
 SAMPLE ID: _____

Fuller

 Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
8	1,2,4-TRICHLOROBENZENE	0.993	---	180	---	---	---
55	NAPHTHALENE	1.004	---	128	---	---	---
C7	4-CHLOROANILINE	1.030	---	127	---	---	---
52	HEXACHLOROBUTADIENE	1.042	---	225	---	---	---
22	4-CHLORO-3-METHYLPHENOL	1.127	<u>822</u>	144	<u>432</u> <u>14773</u>	<u>1.0</u>	---
C9	2-METHYLNAPHTHALENE	1.144	---	142	---	---	---
957	ACENAPHTHENE-D10	1.000	<u>984</u>	164	<u>97151</u>	<u>40</u>	---
53	HEXACHLOROCYCLOPENTADIENE	1.183	---	237	---	---	---
21	2,4,6-TRICHLOROPHENOL	1.201	<u>878</u>	196	<u>2715</u>	<u>3.4</u>	---
976	2-FLUOROBIPHENYL	1.217	---	172	---	---	---
C4	2,4,5-TRICHLOROPHENOL	1.219	<u>834</u>	198	<u>531</u>	<u>0.7</u>	---
20	2-CHLORONAPHTHALENE	1.230	---	162	---	---	---
C10	2-NITROANILINE	1.234	---	138	---	---	---
77	ACENAPHTHYLENE	1.309	---	152	---	---	---
71	DIMETHY PHTHALATE	1.308	---	163	---	---	---
36	2,6-DINITROTOLUENE	1.320	---	165	---	---	---
1	ACENAPHTHENE	0.822	---	154	---	---	---
59	2,4-DINITROPHENOL	0.834	---	184	---	---	---
C8	DIBENZOFURAN	0.843	---	168	---	---	---
35	2,4-DINITROTOLUENE	0.851	---	89	---	---	---
58	4-NITROPHENOL	0.854	<u>1020</u>	109	<u>618</u>	<u>3.0</u>	---
C11	3-NITROANILINE	0.857	---	138	---	---	---
80	FLUORENE	0.882	---	166	---	---	---
40	4-CHLOROPHENYL ETHER	0.885	---	204	---	---	---
70	DIETHYL PHTHALATE	0.887	---	149	---	---	---
C12	4-NITROANILINE	0.904	---	138	---	---	---
955	2,4,6-TRIBROMOPHENOL	1.120	<u>1103</u>	332	<u>53531</u>	<u>197</u>	---

005336

LAB NO.: _____
 SAMPLE ID: _____

Paul Cal

 Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT	AREA	QUAN LIST	ug/L or ug/Kg
962	PHENANTHRENE-D10	1.000	<u>1200</u>	188	<u>100512</u>	<u>40</u>	_____
60	4,6-DINITRO-O-CRESOL	0.900	_____	198	_____	_____	_____
37	1,2-DIPHENYLHYDRAZINE	_____	_____	77	_____	_____	_____
62	DIPHENYLAMINE	0.901	_____	169	_____	_____	_____
41	4-BROMOPHENYL PHENYL ETHER	0.943	_____	248	_____	_____	_____
9	HEXACHLOROBENZENE	0.958	_____	284	_____	_____	_____
64	PENTACHLOROPHENOL	0.982	<u>1185</u>	266	<u>1500</u>	<u>4.4</u>	_____
81	PHENANTHRENE	0.997	_____	178	_____	_____	_____
78	ANTHRACENE	1.002	_____	178	_____	_____	_____
68	DI-N-BUTYL PHTHALATE	1.081	_____	149	_____	_____	_____
39	FLUOROANTHENE	1.142	_____	202	_____	_____	_____
961	CHRYSENE-D12	1.000	<u>1591</u>	240	<u>29762</u>	<u>40</u>	_____
954	TERPHENYL-D14	1.201	_____	244	_____	_____	_____
84	PYRENE	1.169	_____	202	_____	_____	_____
5	BENZIDINE	0.886	_____	184	_____	_____	_____
67	BUTYL BENZYL PHTHALATE	0.955	_____	149	_____	_____	_____
72	BENZO(A)ANTHRACENE	0.998	_____	228	_____	_____	_____
76	CHRYSENE	1.003	_____	228	_____	_____	_____
28	3,3'-DICHLOROBENZIDINE	1.002	_____	252	_____	_____	_____
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019	_____	149	_____	_____	_____
952	PERYLENE-D12	1.000	<u>1839</u>	264	<u>13930</u>	<u>40</u>	_____
69	DI-N-OCTYL PHTHALATE	1.104	_____	149	_____	_____	_____
74	3,4-BENZOFLUOROANTHENE AND/OR	_____	_____	252	_____	_____	_____
75	BENZO(K)FLUORANTHENE	_____	_____	252	_____	_____	_____
73	BENZO(A)PYRENE	1.004	_____	252	_____	_____	_____
83	INDENO(1,2,3-CD)PYRENE	_____	_____	276	_____	_____	_____
82	DI(BENZO(A,H)ANTHRACENE	1.259	_____	278	_____	_____	_____

005337

SYSTEM, SCIENCE + SOFTWARE DIAGNOSTICS

S553301A
 FC434
 12/18/84
 1396F-07, 500ML/ML
 F4

NO	LIB	ID	M/E	SCAN	PRED	DELTA	FIT	PUR	MATCH	AREA
1	LL	944:	153	539	539	0	974	752	95.	113721.
2	LL	982:	112	370	369	-1	989	885	100.	330754.
3	LL	61	74	---	99	NO PEAKS	FOUND			
4	LL	CS:	93	503	502	-1	611	62	41.	17.
				-507		-5	363	10	26.	
				-492		10	667	30	25.	
5	LL	983:	99	510	510	0	987	817	98	317506.
6	LL	65:	94	511	512	1	567	75	40.	1701.
				-515		-3	447	106	35.	
7	LL	18:	93	513	517	4	448	144	37.	156.
				-523		-6	418	81	32.	
				-517		0	391	79	31.	
8	LL	24:	128	514	514	0	904	644	85.	8443.
9	LL	26:	146	532	533	1	377	107	32.	27.
				-541		-8	230	75	17.	
10	LL	27:	146	541	541	0	224	86	23.	42.
				-532		9	400	84	21.	
				566	567	1	524	94	38.	101.
11	LL	25:	146	573	573	NO PEAKS	FOUND			
12	LL	42:	121	---	593	-6	175	34	18.	9.
13	LL	12:	117	615	609	NO PEAKS	FOUND			
14	LL	CS:	198	---	570	NO PEAKS	FOUND			
15	LL	63:	132	613	615	2	161	36	17	15.
				-624		-9	180	102	14.	
16	LL	CS:	10	593	593	0	972	487	80.	335.
17	LL	CS:	108	616	616	0	720	125	50.	56.
18	LL	981:	108	724	724	0	946	795	95.	210583.
19	LL	980:	108	624	625	1	974	761	95.	3552.
20	LL	986:	123	---	628	NO PEAKS	FOUND			
21	LL	94:	82	663	665	2	548	101	40.	89.
				-669		-4	525	85	38.	
				-661		4	553	24	36.	
22	LL	57:	139	---	674	NO PEAKS	FOUND			
23	LL	54:	129	691	691	0	360	200	45.	46.
				-674		-3	404	42	30.	
				-700		-9	310	57	17.	
24	LL	43:	93	698	705	7	417	24	25.	11.
25	LL	31:	162	709	710	1	974	523	82.	1639.
				-714		-4	840	426	71.	
26	LL	01:	122	715	719	4	870	177	60.	45.
				-719		0	733	151	52.	
				-723		-4	665	6	41.	
27	LL	8:	180	719	720	1	343	27	26.	22.
28	LL	55:	128	726	727	1	991	155	65.	335.
				-733		-6	643	51	42.	
29	LL	07:	127	749	745	-4	618	59	41.	9.
30	LL	52:	225	---	757	NO PEAKS	FOUND			
31	LL	82:	144	822	822	0	991	725	93.	431.
32	LL	09:	142	822	829	7	852	164	50.	1478.
				-828		1	392	117	43.	
				-830		-1	500	67	36.	
33	LL	957:	164	984	985	1	972	739	94.	97150.
34	LL	33:	237	---	863	NO PEAKS	FOUND			
35	LL	21:	196	878	878	0	951	704	90.	2714.
				-884		-6	928	681	88.	
36	LL	976:	172	890	890	0	949	673	89.	11667.
37	LL	C4:	196	878	882	4	982	513	82.	2714.
				-884		-2	983	481	81.	
38	LL	20:	162	---	979	NO PEAKS	FOUND			
39	LL	C10:	108	---	925	NO PEAKS	FOUND			
40	LL	77:	152	960	960	0	636	26	41.	10.
41	LL	71:	163	---	962	NO PEAKS	FOUND			
42	LL	36:	163	972	971	-1	293	87	26.	26.
				-981		-10	558	72	23.	
43	LL	1:	154	988	989	1	685	75	45.	31.
				-984		5	478	1	31.	
44	LL	39:	184	---	1002	NO PEAKS	FOUND			
45	LL	08:	168	1010	1012	2	445	109	35.	9.
46	LL	33:	89	---	1026	NO PEAKS	FOUND			
47	LL	58:	109	1020	1020	0	433	233	41.	617.
48	LL	C11:	138	985	985	0	223	16	19.	50.
49	LL	80:	166	1061	1063	2	759	140	52.	25.
				-1063		0	390	64	30.	

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52	LL	C12:	158	---	1082	NO PEAKS FOUND		
53	LL	755:	332	1103	1101	-2	969	721
54	LL	762:	188	1200	1200	0	973	651
55	LL	60:	198	---	1084	NO PEAKS FOUND		
56	LL	37:	77	1089	1089	0	689	120
				-1091		-2	571	114
				-1085		4	600	69
57	LL	62:	169	1089	1089	0	910	391
				-1087		2	771	469
58	LL	41:	248	---	1140	NO PEAKS FOUND		
59	LL	9:	284	---	1156	NO PEAKS FOUND		
60	LL	64:	266	1185	1185	0	957	614
61	LL	81:	178	1201	1204	3	984	103
				-1209		-5	747	248
62	LL	76:	178	1209	1210	1	747	248
63	LL	68:	149	1309	1310	1	986	639
64	LL	39:	202	1377	1379	2	550	173
65	LL	761:	240	1591	1592	1	773	484
66	LL	954:	244	1443	1442	-1	976	519
67	LL	84:	282	1410	1410	0	822	321
				-1416		-6	500	74
68	LL	5:	184	---	1470	NO PEAKS FOUND		
69	LL	67:	149	1527	1528	1	723	142
70	LL	72:	228	1592	1589	-3	639	4
				-1590		-1	591	7
				-1594		-5	510	3
71	LL	76:	228	1595	1595	0	632	14
				-1590		5	395	2
72	LL	28:	252	---	1595	NO PEAKS FOUND		
73	LL	66:	149	1619	1619	0	788	341
74	LL	952:	264	1839	1839	0	981	606
75	LL	69:	149	1716	1717	1	323	63
				-1711		6	292	30
				-1707		10	221	36
76	LL	74:	252	1766	1763	-3	595	38
				-1763		0	568	25
				-1771		-8	545	17
77	LL	73:	252	1821	1827	6	633	32
				-1838		-11	568	3
				-1812		15	615	13
PREDICTED	SCAN	#	OUTSIDE	LIMITS				
78	LL	83:	276	---	2134	NO PEAKS FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS				
79	LL	82:	278	---	2148	NO PEAKS FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS				
80	LL	79:	276	---	2223	NO PEAKS FOUND		

53530.
100511.
39.
123.
1499.
679.
178.
1075.
39.
29161.
3789.
123.
41.
51.
40.
37.
40.
27.
64.
87.
27.
24.
12.
39.
37.
27.
41.
30.
16.
726.
13937.
48.
38.
15.

005339

QUANTITATION REPORT FILE: S553301A

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

NO	NAME
1	964: D4-1,4-DICHLOROBENZENE (Q 150)
2	982: 2-FLUOROPHENOL (Q 112)
3	61: N-NITROSODIMETHYLAMINE (Q74, R10:2:9)
4	C5: ANILINE (Q 93)
5	983: DS-PHENOL (Q99, R4:10)
6	65: PHENOL (Q94, R2:2:10)
7	18: BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24: 2-CHLOROPHENOL (Q128, R5:10:3)
9	26: 1,3-DICHLOROBENZENE (Q146, R1:10:6)
10	27: 1,4-DICHLOROBENZENE (Q146, R1:10:6)
11	25: 1,2-DICHLOROBENZENE (Q146, R1:10:6)
12	42: BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12: HEXACHLOROETHANE (Q117, R10:6:10)
14	C6: BENZYL ALCOHOL (Q 108)
15	63: N-NITROSODI-N-PROPYLAMINE (Q130, R6:1:2)
16	C2: 2-METHYLPHENOL (Q 108)
17	C3: 4-METHYLPHENOL (Q 108)
18	987: NAPHTHALENE-D8 (Q136)
19	988: NITROBENZENE-D5 (Q128)
20	56: NITROBENZENE (Q123, R1:5:10:5)
21	54: ISOPHORONE (Q82, R10:1:2)
22	57: 2-NITROPHENOL (Q137, R3:0:8:10)
23	34: 2,4-DIMETHYLPHENOL (Q122, R7:5:10)
24	43: BIS (2-CHLOROETHOXY) METHANE (Q73, R10:3:2)
25	31: 2,4-DICHLOROPHENOL (Q162, R6:10:6)
26	C1: BENZOIC ACID (Q 122)
27	8: 1,2,4-TRICHLOROBENZENE (Q180, R3:10:9)
28	55: NAPHTHALENE (Q128, R1:10:1)
29	C7: 4-CHLOROANILINE (Q 127)
30	52: HEXACHLOROBUTADIENE (Q225, R6:10:6)
31	22: 4-CHLORO-3-METHYLPHENOL (Q 144)
32	C9: 2-METHYLNAPHTHALENE (Q 142)
33	957: D10-ACENAPHTHENE (Q164)
34	53: HEXACHLOROCCYCLOPENTADIENE (Q237, R6:10:1)
35	21: 2,4,6-TRICHLOROPHENOL (Q196, R10:9:3)
36	976: 2-FLUOROBIPHENYL (Q172, R1:5:2:4:10)
37	C4: 2,4,5-TRICHLOROPHENOL (Q 196)
38	20: 2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	C10: 2-NITROANILINE (Q 138)
40	77: ACENAPHTHYLENE (Q152, R2:10:2)
41	71: DIMETHYL PHTHALATE (Q163, R10:1:1)
42	36: 2,6-DINITROTOLUENE (Q165, R2:7:10)
43	1: ACENAPHTHENE (Q154, R5:10:10)
44	59: 2,4-DINITROPHENOL (Q184, R6:5:10)
45	C8: DIBENZOFURAN (Q 168)
46	35: 2,4-DINITROTOLUENE (Q89, R7:2:10)
47	58: 4-NITROPHENOL (Q109, R10:7:5)
48	C11: 3-NITROANILINE (Q 138)
49	80: FLUORENE (Q166, R8:10:1:4)
50	40: 4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70: DIETHYL PHTHALATE (Q149, R10:1:2)
52	C12: 4-NITROANILINE (Q 138)
53	955: 2,4,6-TRIBROMOPHENOL (Q332)

005340

005341

NO	NAME
542	962: D10-PHENANTHRENE (Q 188)
543	60: 4,6-DINITRO-2-METHYLPHENOL (Q 198)
544	37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
545	62: N-NITROSODIPHENYLAMINE (Q149, R5:7:10)
546	41: 4-BROMOPHENYL PHENYL ETHER (Q248, R5:10:10)
547	9: HEXACHLOROBENZENE (Q284, R3:2:10)
548	64: PENTACHLOROPHENOL (Q266, R6:10:6)
549	81: PHENANTHRENE (Q 178)
550	78: ANTHRACENE (Q 178)
551	68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
552	39: FLUORANTHENE (Q202, R1:2:10)
553	961: D12-CHRYSENE (Q240)
554	954: D14-TERFHENYL (Q244)
555	84: PYRENE (Q202, R3:2:10)
556	5: BENZIDINE (Q184, R2:10:1)
557	67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
558	72: BENZO(A)ANTHRACENE (Q 228)
559	76: CHRYSENE (Q 228)
560	28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
561	66: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
562	952: D12-PERYLENE (Q 264)
563	69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
564	74: 3,4-BENZOFLUORANTHENE &/OR BENZO(K)FLUORANTHENE (Q252)
565	73: BENZO(A)PYRENE (Q252, R2:10:2)
566	83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
567	82: DIBENZO(A,H)ANTHRACENE (Q278, R2:10:2)
568	79: BENZO(GHI)PERYLENE (Q276, R4:10:3)

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HCHT)	AMOUNT	UC/L	%TOT
1	150	539	9:36	1	1.000	A 88	115722.	40.000		5.52
2	112	378	9:38	1	0.686	A 88	330755.	137.849	UG/L	19.81
3		FOUND								
4	93	503	9:40	1	0.933	A 88		0.017	UG/L	0.00
5	77	510	9:40	1	0.946	A 88	317567.	116.288	UG/L	16.04
6	74	511	9:40	1	0.948	A 88	1702.	0.623	UG/L	0.00
7	93	513	9:40	1	0.952	A 88		0.049	UG/L	0.01
8	128	514	9:40	1	0.954	A 88	8444.	3.713	UG/L	0.51
9	146	532	9:49	1	0.987	A 88		0.011	UG/L	0.00
10	146	541	9:50	1	1.004	A 88		0.017	UG/L	0.00
11	146	566	9:54	1	1.050	A 88	102.	0.042	UG/L	0.01
12		FOUND								
13	117	615	10:46	1	1.141	A 88	10.	0.008	UG/L	0.00
14		FOUND								
15	130	613	10:44	1	1.137	A 88	16.	0.042	UG/L	0.01
16	108	593	10:23	1	1.100	A 88	336.	0.177	UG/L	0.02
17	108	616	10:47	1	1.143	A 88		0.028	UG/L	0.00
18	136	724	12:40	18	0.888	A 88	210584.	49.888	UG/L	5.52
19	128	624	10:55	18	0.862	A 88	25556.	3.264	UL/L	0.45
20		FOUND								
21	82	663	11:36	18	0.916	A 88	90.	0.021	UG/L	0.00
22		FOUND								
23	122	691	12:06	18	0.954	A 88	47.	0.027	UG/L	0.00
24	93	698	12:13	18	0.964	A 88	12.	0.004	UG/L	0.00
25	162	709	12:24	18	0.979	A 88	1640.	1.063	UG/L	0.15
26	122	715	12:31	18	0.988	A 88		0.065	UG/L	0.01
27	180	719	12:35	18	0.993	A 88	23	0.013	UG/L	0.00

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA (HGHT)	AMOUNT	%TOT
30	128	724	12:42	18	1.003	A BE	336.	0.071 UG/L	0.01
31	127	749	13:06	18	1.035	A BE	10.	0.014 UG/L	0.00
32	NOT FOUND								
33	144	822	14:23	18	1.135	A BE	432.	1.010 UG/L	0.14
34	142	822	14:23	18	1.135	A BV	1477.	0.438 UG/L	0.05
35	164	984	17:13	33	1.000	A BV	97151.	40.000 UG/L	5.52
36	NOT FOUND								
37	196	878	15:22	33	0.892	A BV	2715.	3.431 UG/L	0.47
38	172	870	15:34	33	0.904	A BE	11668.	3.728 UG/L	0.51
39	196	878	15:22	33	0.892	A BV	2715.	3.431 UG/L	0.46
40	NOT FOUND								
41	152	960	16:48	33	0.976	A BE	11.	0.003 UG/L	0.00
42	NOT FOUND								
43	145	972	17:01	33	0.988	A BE	27.	0.042 UG/L	0.01
44	154	988	17:17	33	1.004	A BE	32.	0.012 UG/L	0.00
45	NOT FOUND								
46	168	1010	17:40	33	1.026	A BE	10.	0.003 UG/L	0.00
47	NOT FOUND								
48	109	1020	17:51	33	1.037	A BE	618.	2.979 UG/L	0.41
49	138	985	17:14	33	1.001	A BE	50.	0.747 UG/L	0.10
50	166	1051	18:34	33	1.078	A BE	25.	0.010 UG/L	0.00
51	NOT FOUND								
52	149	1046	18:41	33	1.085	A BE	25.	0.009 UG/L	0.00
53	NOT FOUND								
54	332	1103	19:18	33	1.121	A BE	53531.	195.673 UG/L	26.99
55	188	1200	21:00	54	1.000	A BV	100512.	40.000 UG/L	5.52
56	NOT FOUND								
57	77	1089	19:03	54	0.907	A BE	40.	0.182 UG/L	0.03
58	169	1089	19:03	54	0.907	A BE	124.	0.170 UG/L	0.02
59	NOT FOUND								
60	NOT FOUND								
61	356	1185	20:44	54	0.987	A BE	1560.	4.390 UG/L	0.61
62	175	1201	21:01	54	1.001	A BV	680.	0.233 UG/L	0.03
63	178	1209	21:09	54	1.007	A BE	177.	0.088 UG/L	0.01
64	149	1309	22:08	54	1.091	A BE	1076.	0.306 UG/L	0.04
65	202	1377	22:24	54	1.147	A BE	40.	0.017 UG/L	0.00
66	240	1591	22:31	65	1.000	A BV	29162.	40.000 UG/L	5.52
67	244	1443	23:15	65	0.907	A BV	3790.	3.958 UG/L	0.55
68	202	1410	24:40	65	0.886	A BE	124.	0.062 UG/L	0.01
69	NOT FOUND								
70	149	1527	26:43	65	0.960	A BE	42.	0.032 UG/L	0.00
71	228	1592	27:32	65	1.001	A BE	52.	0.059 UG/L	0.01
72	228	1595	27:55	65	1.003	A BE	76.	0.085 UG/L	0.01
73	NOT FOUND								
74	149	1619	28:20	65	1.018	A BE	727.	0.562 UG/L	0.08
75	264	1839	32:11	74	1.000	A BV	13938.	40.000 UG/L	5.52
76	149	1716	30:02	74	0.933	A BE	49.	0.027 UG/L	0.00
77	252	1766	30:54	74	0.960	A BE	39.	0.055 UG/L	0.01
78	252	1821	31:02	74	0.990	A BE	16.	0.037 UG/L	0.01
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

10
0.7

005342

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
1	9:26	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00

NO	RET (L)	RATIO	RRT (L)	RATIO	AMNT	AMNT (L)	R. FAC	R. FAC (L)	RATIO
6	27	1.00	9.685	1.00	137.85	41.70	2.742	0.829	3.31
4	00	1.00	9.185	1.00		50.00		0.001	
8	47	1.00	9.931	1.00	0.02	50.00	0.000	0.374	0.00
9	00	1.00	9.946	1.00	116.27	41.70	0.000	0.944	0.79
9	00	1.00	9.930	1.00	0.62	50.00	0.000	0.945	0.01
9	00	1.00	9.934	1.00	0.05	50.00	0.001	1.114	0.00
9	00	1.00	9.934	1.00	3.71	50.00	0.000	0.786	0.07
9	00	1.00	9.934	1.00	0.01	50.00	0.000	0.893	0.00
9	00	1.00	9.934	1.00	0.02	50.00	0.000	0.877	0.00
9	00	1.00	0.052	1.00	0.04	50.00	0.001	0.830	0.00
10	23	1.00	1.100	1.00		50.00		0.284	
10	13	1.01	1.130	1.01	0.01	50.00	0.000	0.418	0.00
9	00	1.00	1.058	1.00		50.00		0.428	
10	46	1.00	1.141	1.00	0.04	50.00	0.000	0.130	0.00
10	23	1.00	1.100	1.00	0.10	50.00	0.002	0.658	0.00
10	47	1.00	1.143	1.00	0.03	50.00	0.000	0.700	0.00
12	49	1.00	0.000	1.00	40.00	40.00	1.000	1.000	1.00
10	56	1.00	0.603	1.00	0.20	20.00	0.002	0.205	0.16
10	59	1.00	0.667	1.00		50.00		0.220	
11	10	1.00	0.999	1.00	0.02	50.00	0.000	0.814	0.00
11	11	1.00	0.999	1.00		50.00		1.199	
12	00	1.00	0.999	1.00	0.03	50.00	0.000	0.327	0.00
12	00	1.00	0.999	1.00	1.00	50.00	0.000	0.552	0.00
12	00	1.00	0.999	1.00	1.00	50.00	0.000	0.293	0.00
12	00	1.00	0.999	1.00	0.07	50.00	0.000	0.134	0.00
12	00	1.00	0.999	1.00	0.01	50.00	0.000	0.324	0.00
12	00	1.00	0.004	1.00	0.07	50.00	0.001	0.893	0.00
13	00	1.01	1.000	1.01	0.01	50.00	0.000	0.136	0.00
13	00	1.00	0.000	1.00		50.00		0.169	
14	00	1.00	1.133	1.00	1.01	50.00	0.002	0.081	0.02
14	00	1.00	1.100	1.00	0.44	50.00	0.000	0.645	0.01
17	14	1.00	1.100	1.00	40.00	40.00	1.000	1.000	1.00
15	00	1.00	0.000	1.00		50.00		0.254	
15	00	1.00	0.000	1.00	0.43	50.00	0.000	0.306	0.07
15	00	1.00	0.000	1.00	0.73	50.00	0.000	0.380	0.18
15	00	1.00	0.000	1.00	1.00	50.00	0.000	0.380	0.07
16	00	1.00	0.000	1.00		50.00		1.172	
16	00	1.00	0.000	1.00		50.00		0.331	
16	00	1.00	0.000	1.00	0.00	50.00	0.000	1.318	0.00
17	00	1.00	0.000	1.00	0.04	50.00	0.000	1.229	
17	00	1.00	0.000	1.00	0.01	50.00	0.000	0.262	0.00
17	00	1.00	0.000	1.00	0.01	50.00	0.000	0.088	0.00
17	00	1.00	0.000	1.00	0.00	50.00	0.000	0.055	
17	00	1.00	0.000	1.00	0.00	50.00	0.000	1.372	0.00
17	00	1.00	0.000	1.00		50.00		0.217	
17	00	1.00	0.000	1.00	0.98	50.00	0.005	0.085	0.06
17	00	1.00	0.000	1.00	0.75	50.00	0.000	0.028	0.01
18	00	1.00	0.000	1.00	0.01	50.00	0.000	1.070	0.00
18	00	1.00	0.000	1.00		50.00		0.518	
18	00	1.00	0.000	1.00	0.01	50.00	0.000	1.211	0.00
19	00	1.00	1.100	1.00		50.00		0.044	
19	00	1.00	1.100	1.00	40.67	41.70	0.529	0.113	4.69
19	00	1.00	0.000	1.00	0.00	50.00	1.000	1.000	1.00
19	00	1.00	0.000	1.00	0.18	50.00	0.000	0.098	
19	00	1.00	0.000	1.00	0.17	50.00	0.001	0.087	0.00

005343

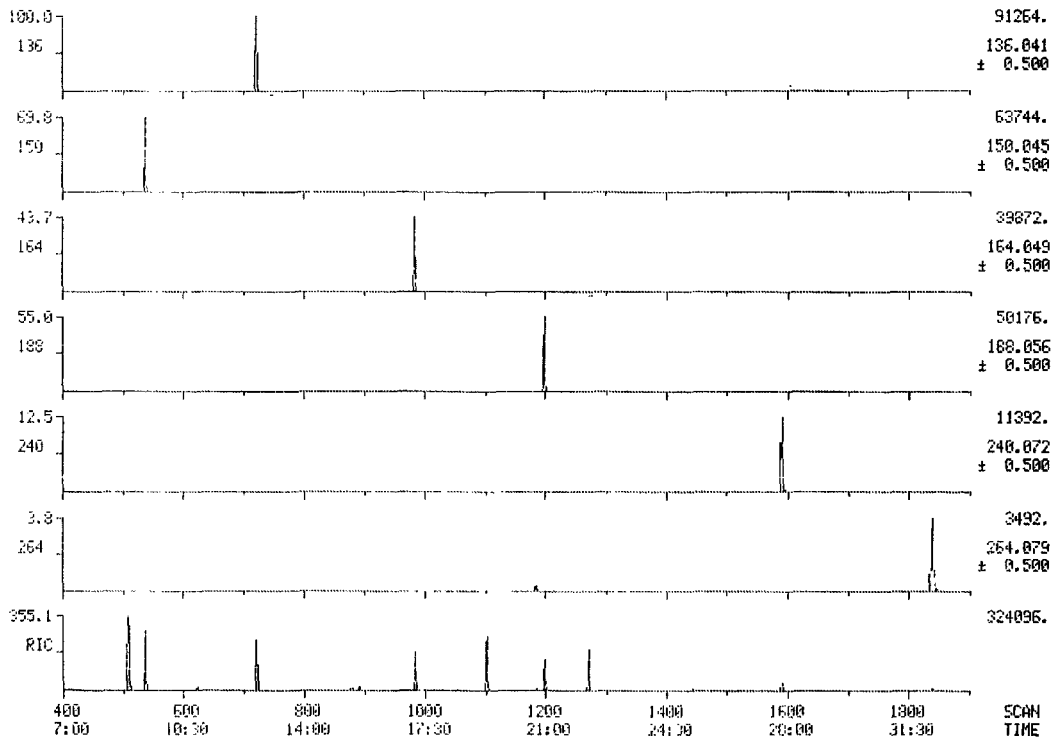
NO	RET (L)	RATIO	RRT (L)	RATIO	AMNT	AMNT (L)	R. FAC	R. FAC (L)	RATIO
58	19: 57		0. 950			50. 00		0. 220	
59	20: 14		0. 963			50. 00		0. 282	
60	20: 44	1. 00	0. 987	1. 00	4. 37	50. 00	0. 012	0. 136	0. 07
61	21: 04	1. 00	1. 000	1. 00	0. 23	50. 00	0. 005	1. 161	0. 00
62	21: 10	1. 00	1. 000	1. 00	0. 07	50. 00	0. 001	0. 805	0. 00
63	22: 50	1. 00	1. 042	1. 00	0. 31	50. 00	0. 007	1. 400	0. 01
64	22: 44	1. 00	1. 147	1. 00	0. 02	50. 00	0. 000	0. 958	0. 00
65	22: 50	1. 00	1. 000	1. 00	40. 00	40. 00	1. 000	1. 000	1. 00
66	22: 15	1. 00	0. 806	1. 00	3. 95	50. 00	0. 000	1. 314	0. 17
67	22: 44	1. 00	0. 856	1. 00	0. 06	50. 00	0. 000	2. 724	0. 00
68	22: 50		0. 924			50. 00		0. 001	
69	22: 06	1. 00	0. 960	1. 00	0. 03	50. 00	0. 001	1. 779	0. 00
70	22: 47	1. 00	0. 997	1. 00	0. 06	50. 00	0. 001	1. 207	0. 00
71	22: 47	1. 00	0. 993	1. 00	0. 07	50. 00	0. 002	1. 222	0. 00
72	22: 00		0. 920			50. 00		0. 323	
73	22: 21	1. 00	1. 010	1. 00	40. 56	50. 00	0. 000	1. 775	0. 01
74	22: 11	1. 00	0. 910	1. 00	40. 00	40. 00	1. 000	1. 000	1. 00
75	22: 00	1. 00	0. 934	1. 00	0. 03	50. 00	0. 003	5. 212	0. 00
76	22: 51	1. 00	0. 959	1. 00	0. 06	100. 00	0. 001	2. 029	0. 00
77	22: 50	1. 00	0. 993	1. 00	0. 04	50. 00	0. 001	1. 232	0. 00
78	22: 21		1. 160			50. 00		1. 021	
79	22: 05		1. 160			50. 00		0. 939	
80	22: 54		0. 909			50. 00		1. 412	

005344

FILE: C:\MSDCHEM\060605
11:18:34 11/5/99
SAMPLE: 1396F-07.500ML.ML
PARGE: G 1,1500 LABEL: H 4-10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: S59301A.H
CALI: FC434.H22

SCANS: 400 TO 1900



005345

PIC: 1 BASE CHROMATOGRAMS

DATA: 5553301A #1

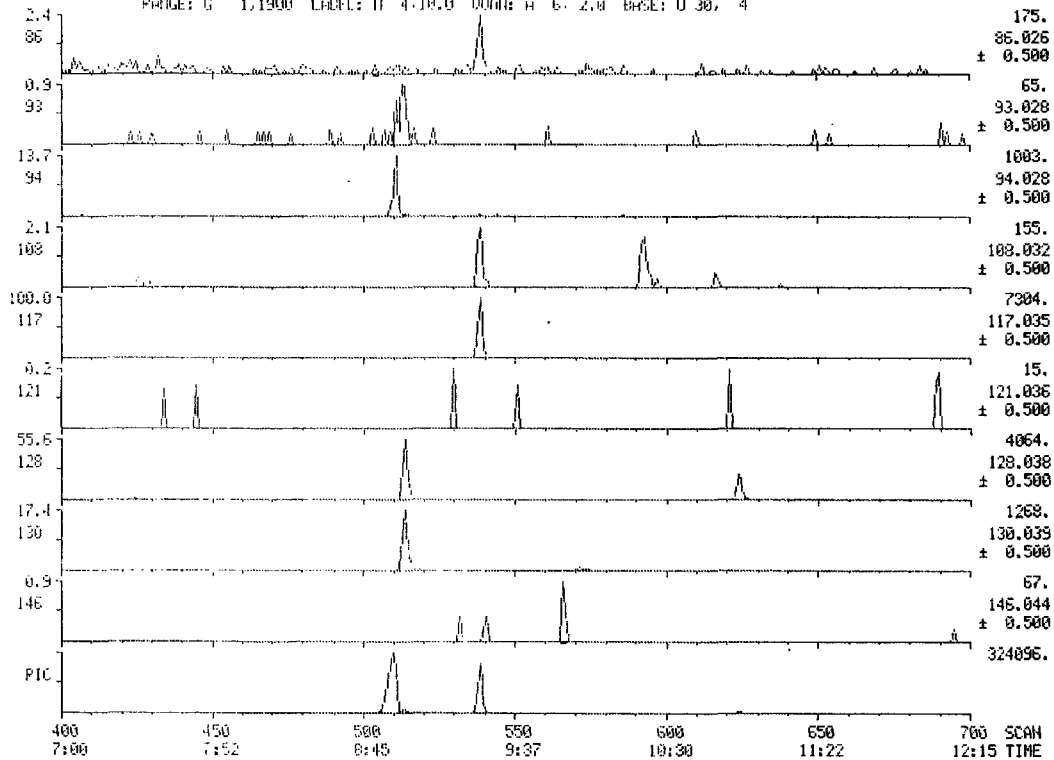
SCANS 400 TO 700

12:15:24 14:53:00

CALI: F0434 922

SAMPLE: 1396F-07.500ML/ML

PRGE: G 1.1900 LABEL: H 4.10.0 OVIN: H 6. 2.0 BASE: U 30, 4



005346

FILE: PULSE CHROMATOGRAMS

DATA: 5553301A #1

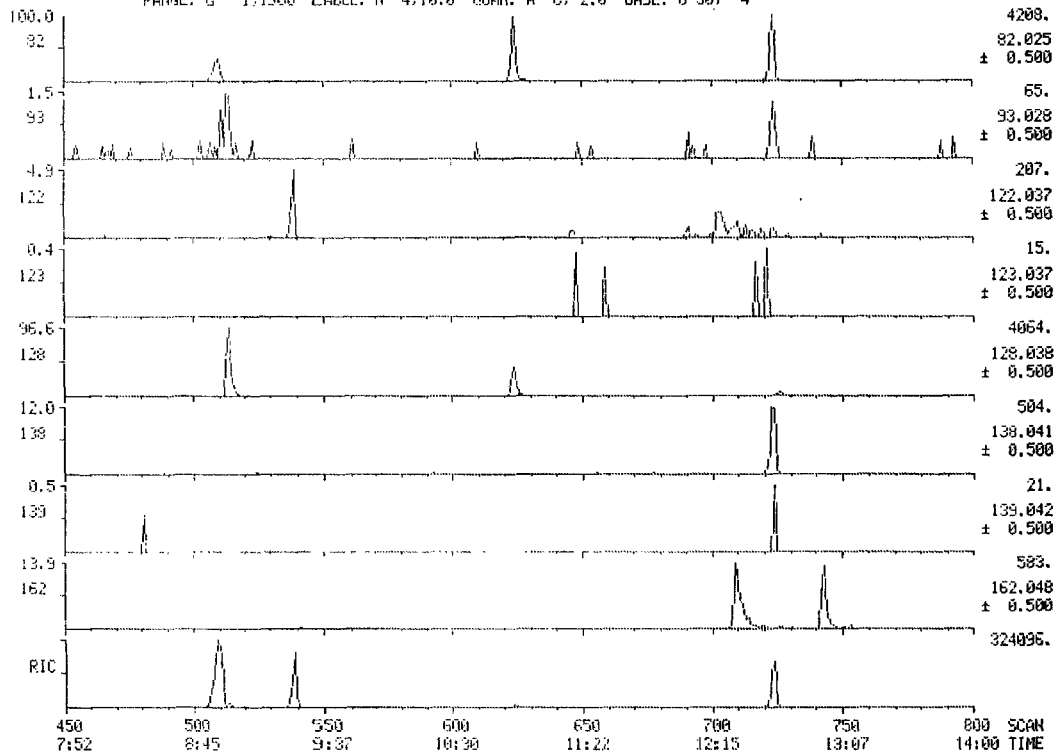
SCANS 450 TO 800

12:13:41 14:53:00

CALL: FC434 #22

SAMPLE: 1395F-07.500NL/NL

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005347

PLI: 1 BASE: CHROMATOGRAPH

12 18 84 14:53:00

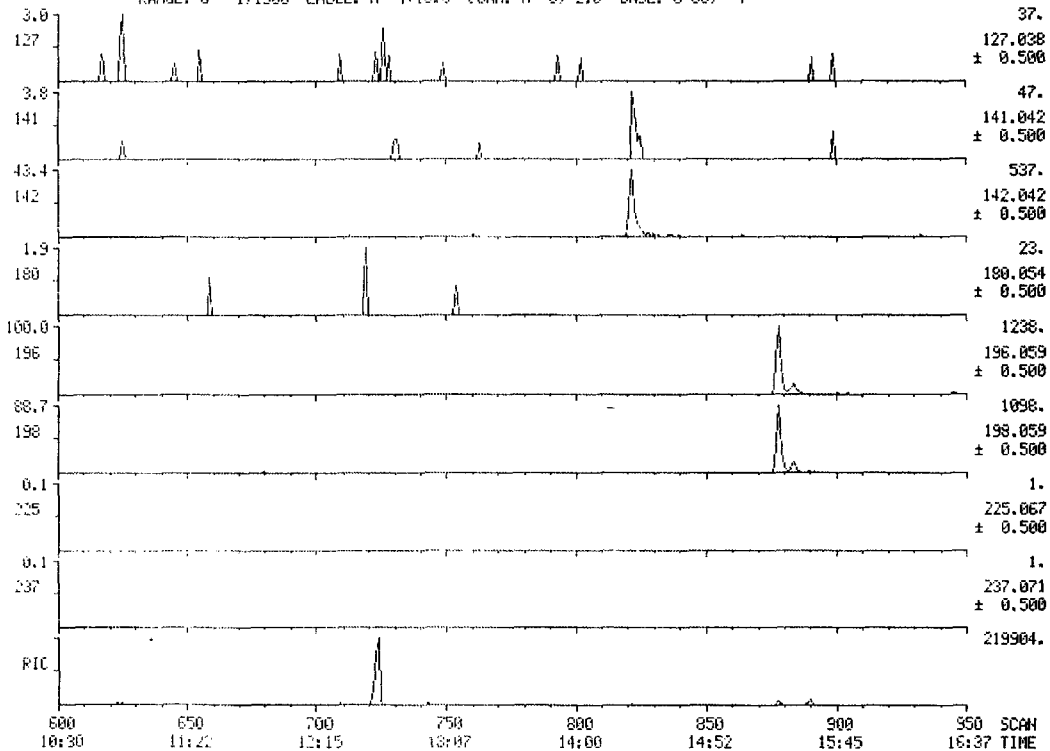
SAMPLE: 1396F-07.500ML.ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUANT: A 6. 2.0 BASE: U 30. 4

DATA: 3553301A.HI

CALI: FC134 #22

SCANS 600 TO 950



005348

FILE: H:\MSDCHEM\MSDCHEM

12 18 94 14:53:00

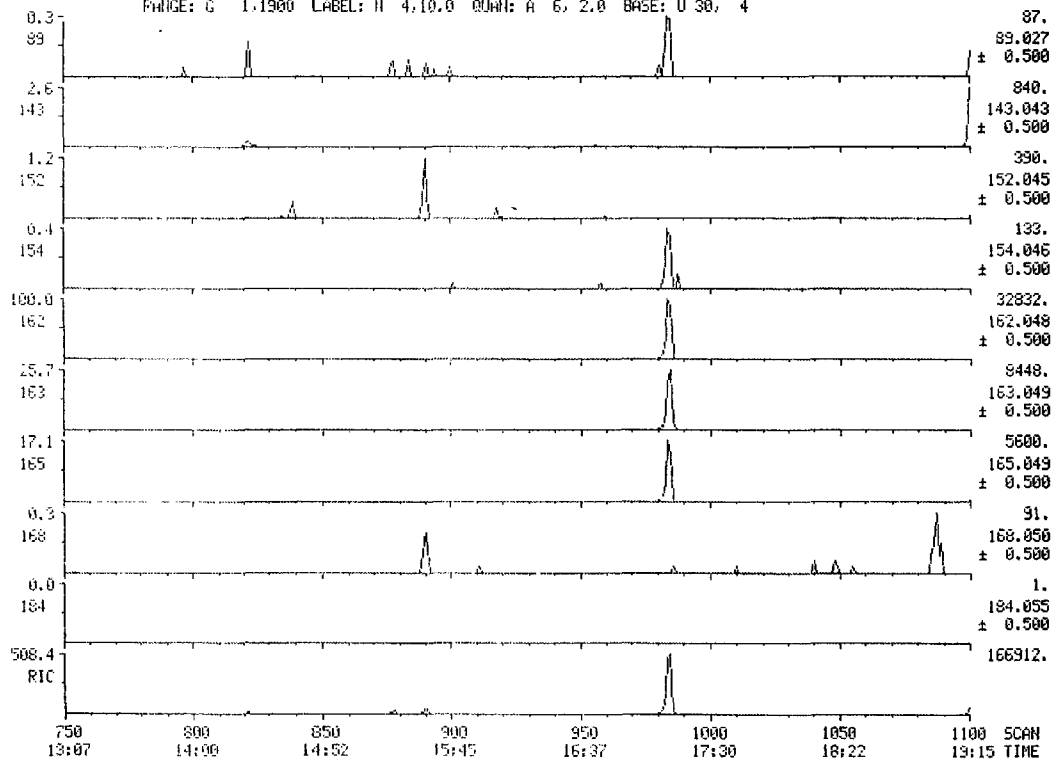
SAMPLE: 1396F-07.500ML/ML

PHASE: G 1.1900 LABEL: H 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4

Date: SS53301A #1

CALL: FC434 #22

SCANS 750 TO 1100

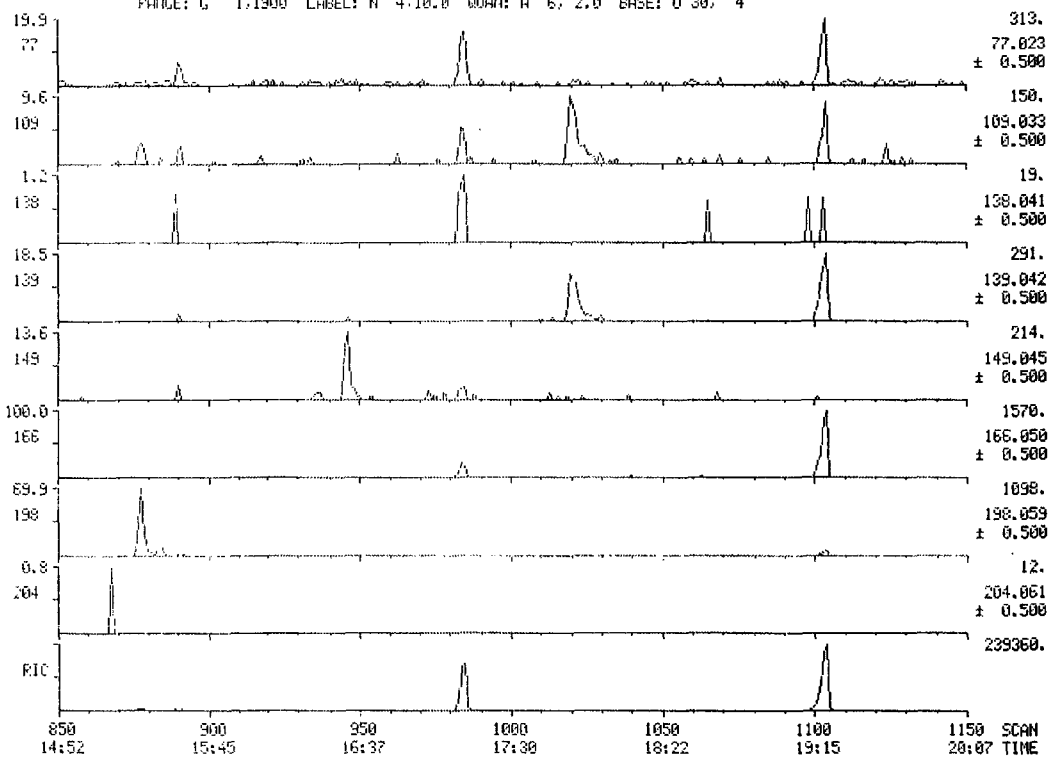


005349

FILE NAME: CHROMATOGRAMS
DATE: 07/14/98
SAMPLE: 1396F-07.500ML.ML
PRICE: 0 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: S553801A #1
CALI: F0484 #22

SCANS 850 TO 1150

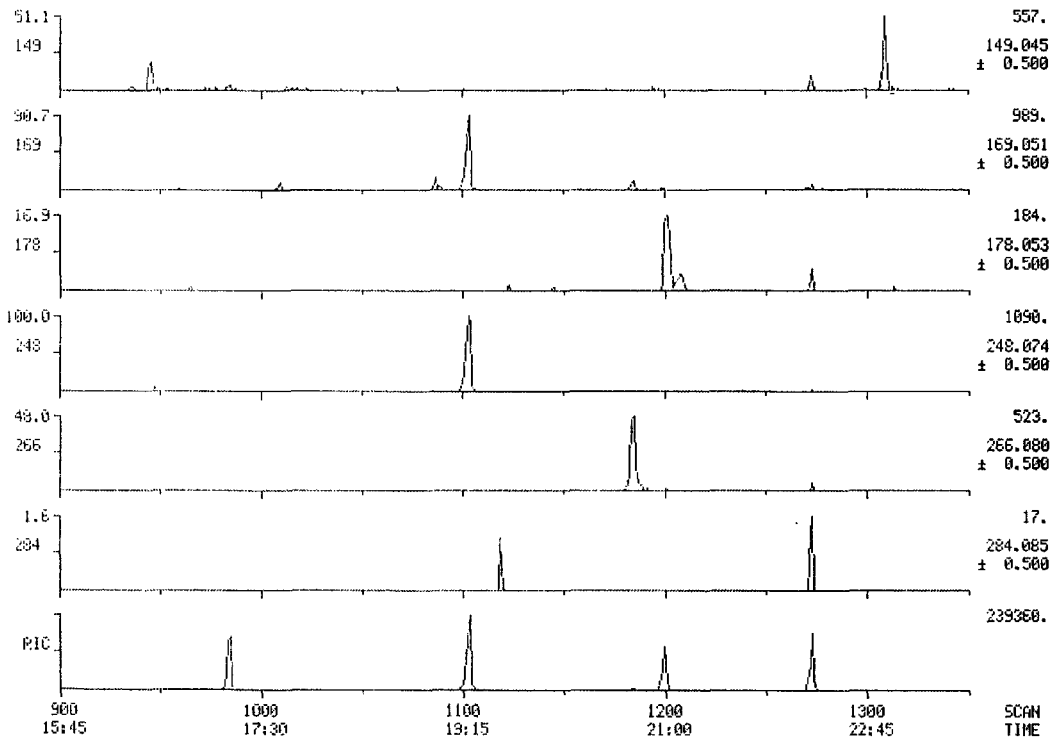


005350

FD-1000 CHROMATOGRAM
12-18-84 14:53:09
SAMPLE: 1395F-07,500ML-ML
RANGE: G 1.1900 LABEL: H 4.10.0 QUN: A 6, 2.0 BASE: U 30, 4

Data: 5553301A.DL
Cell: FC434 #22

SCANS 900 TO 1350



005351

FIG 1 MS. CHROMATOGRAMS

DATA: S553301A #1

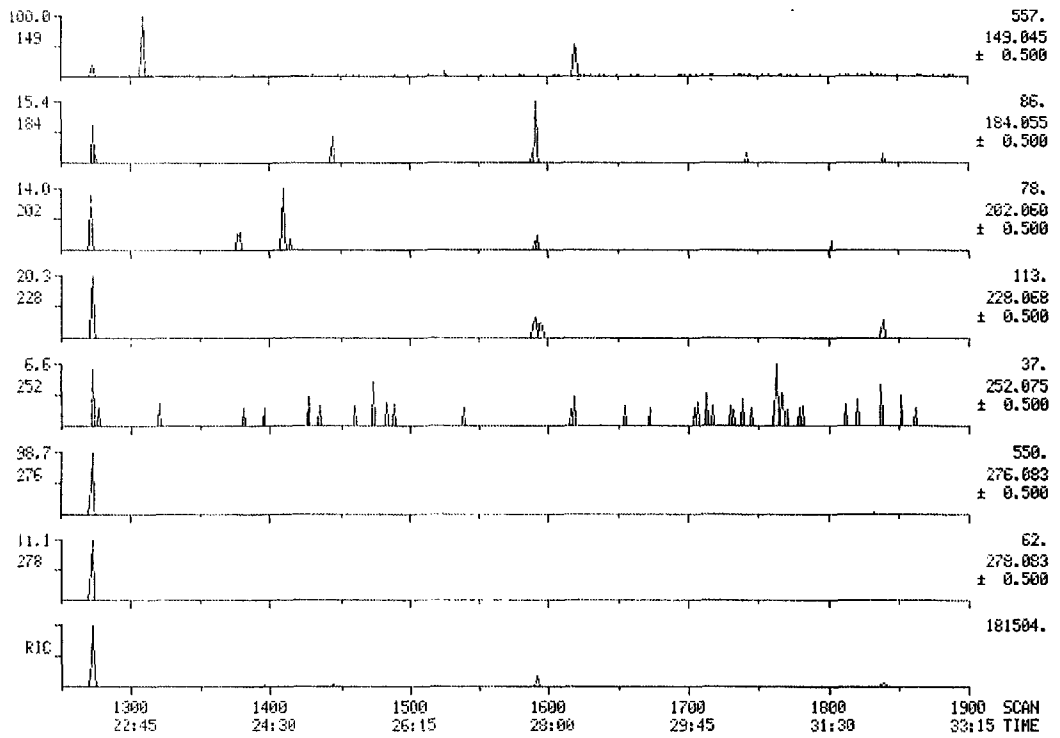
SCANS 1250 TO 1900

12/18/84 14:53:00

CALLI: FC434 #22

SAMPLE: 1396F-07.500ML-ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUANT: A 5. 2.0 BASE: U 30. 4



005352

PLC + NICES CHROMATOGRAMS

12/13/81 14:53:00

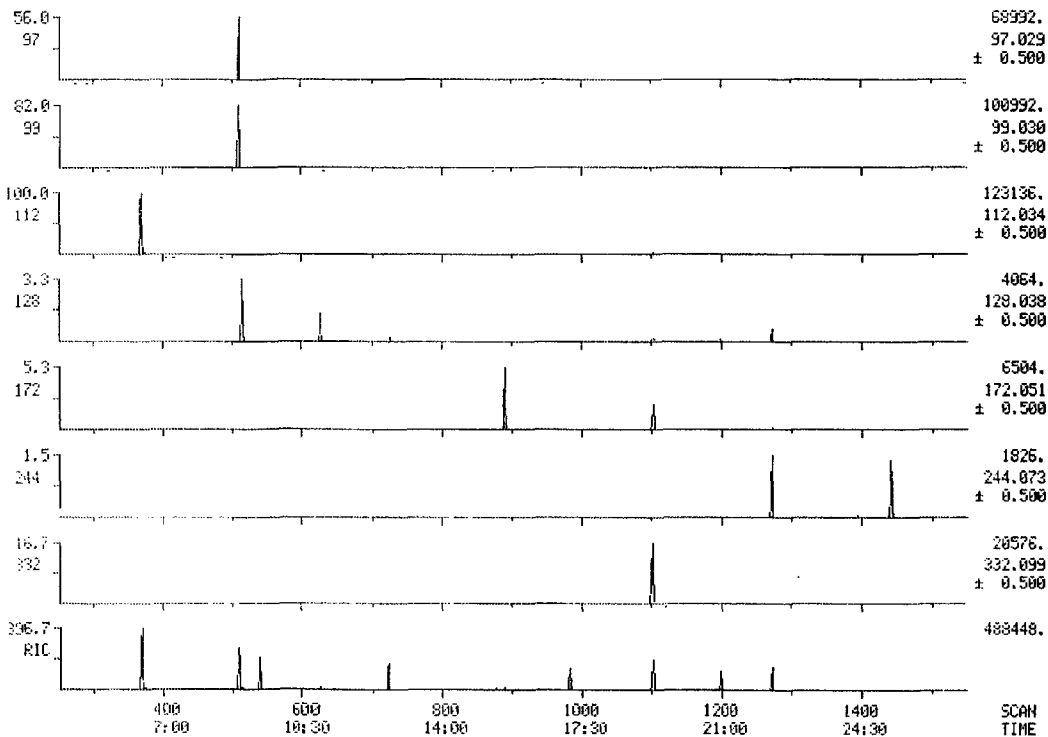
SAMPLE: 1396F-07.500ML/NL

RANGE: G 1.1900 LABEL: H 4.10.0 QUnit: a 6, 2.0 BASE: U 30, 4

Date: 575330In #1

Cell: FC434 #22

SCANS 250 TO 1550

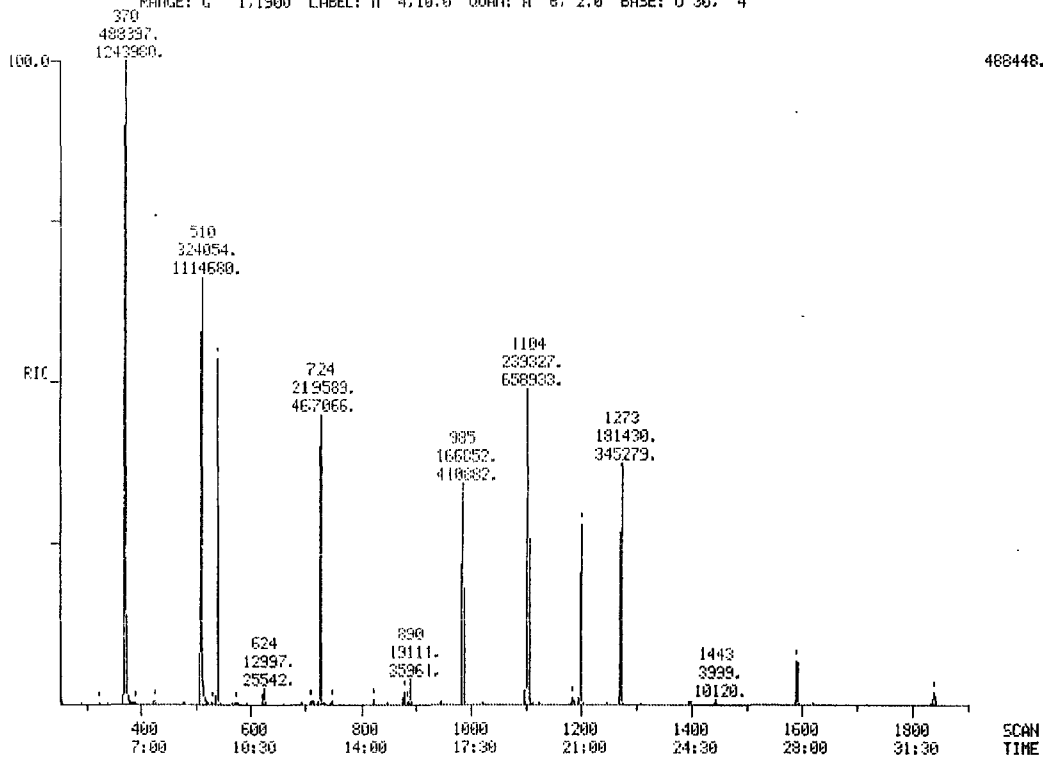


005353

11
11/18/04 14:55:00
SAMPLE: 1396F-07.500ML-ML
PARGE: G 1,1900 LABEL: H 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 5951301A #1
CAL1: FC434 #22

SCANS 250 TO 1900

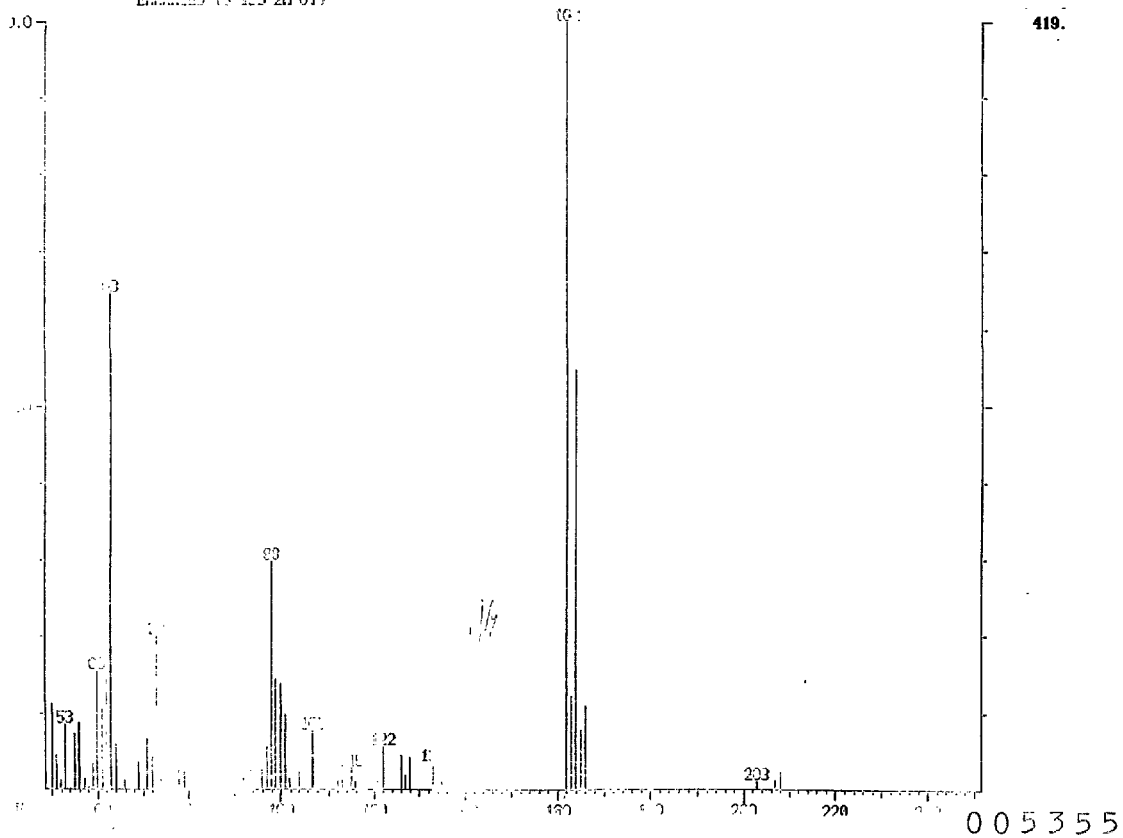


005354

MASS SPECTRUM
12/18/91 14:53:00 + 1.2121
SAMPLE: 11557-07.50001/ML
EVM000 (S 153 21 07)

WA: 000001A 0700
TIME: 00101 022

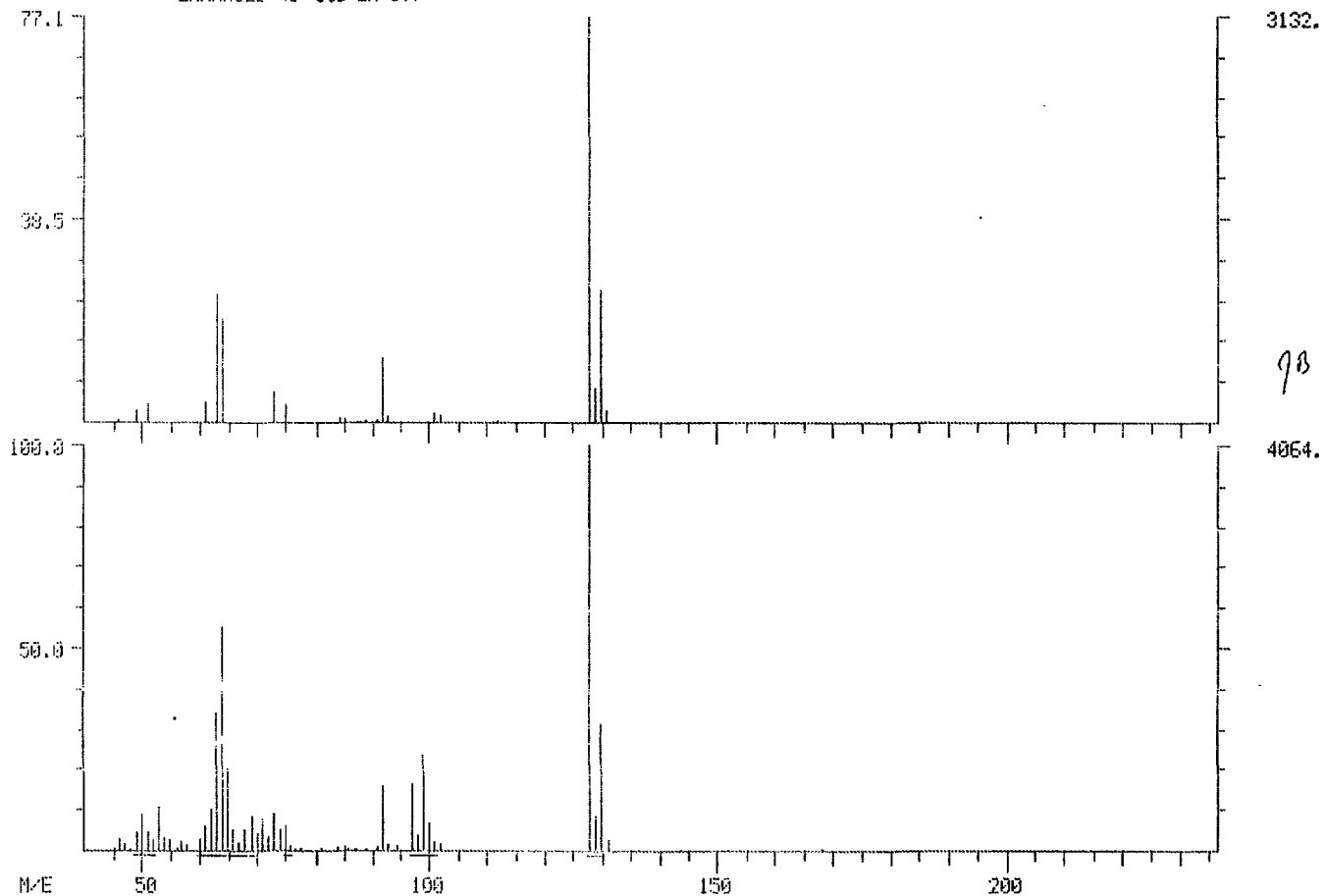
MASS W/E: 162
R/C: 2320.



DUAL MASS SPECTRUM
12/18/84 14:53:00 + 9:00
SAMPLE: 1396F-07.500ML/ML
ENHANCED (S 15B 2N 0T)

DATA: S553301A #514
CALI: FC434 #22

BASE M/E: 128/ 128
RIC: 7855.7 18527.

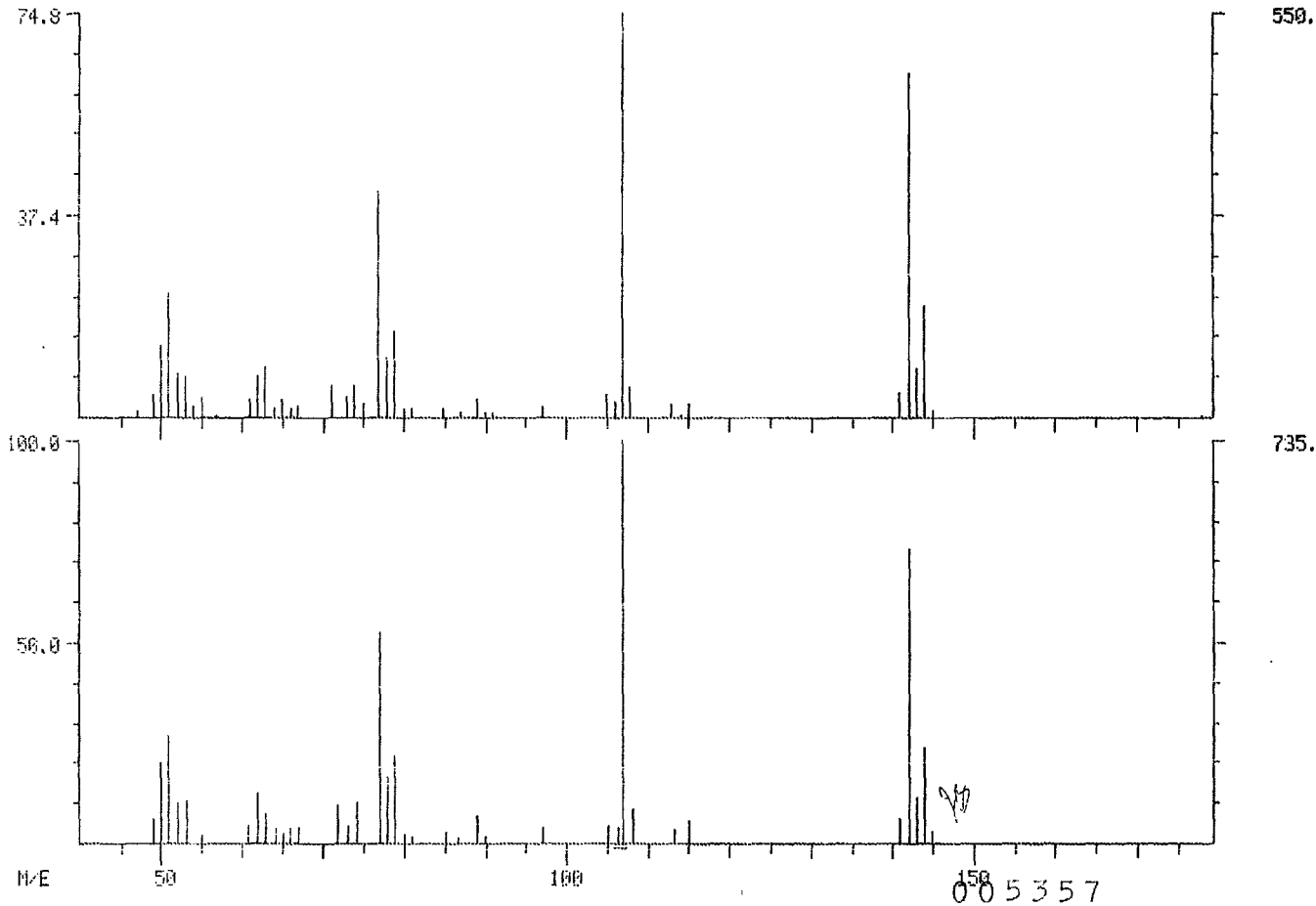


005356

DUAL MASS SPECTRUM
12/18/81 14:53:00 + 14:23
SAMPLE: 1395F-07.500ML/ML
ENHANCED (S 158 2H 0T)

DATA: 5553301A #022
CALL: FC434 #22

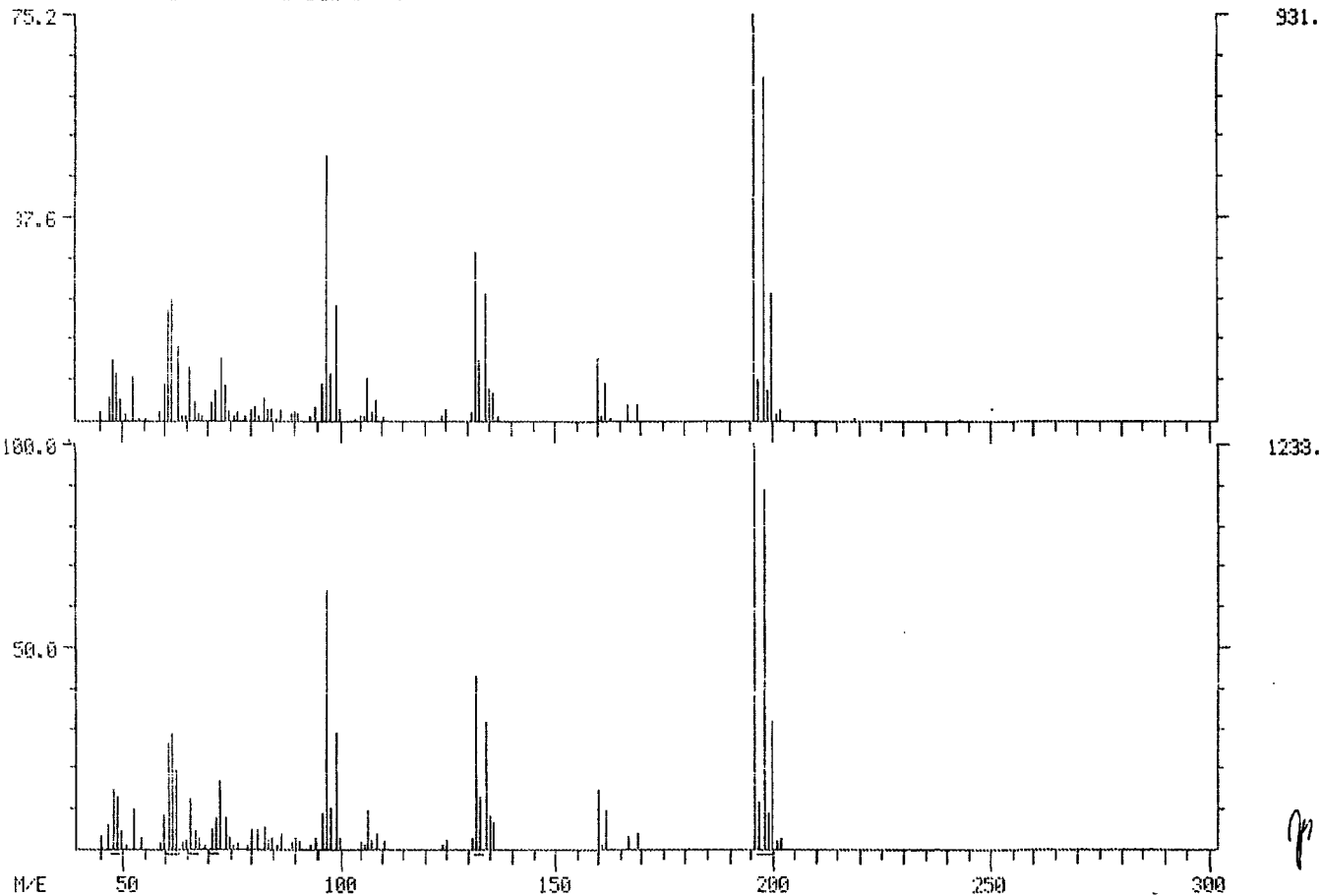
BASE M/E: 107/ 107
RIC: 2835.7 3531.



DUWL NINE SPECTRUM
12/18/84 14:53:00 + 19:22
SAMPLE: 1396F-07.500ML/ML
ENHANCED (S 15B 2N 0T)

DATA: 9950301A #878
CALI: FC434 #22

BASE M/E: 196 / 196
RTO: 7091.7 9535.



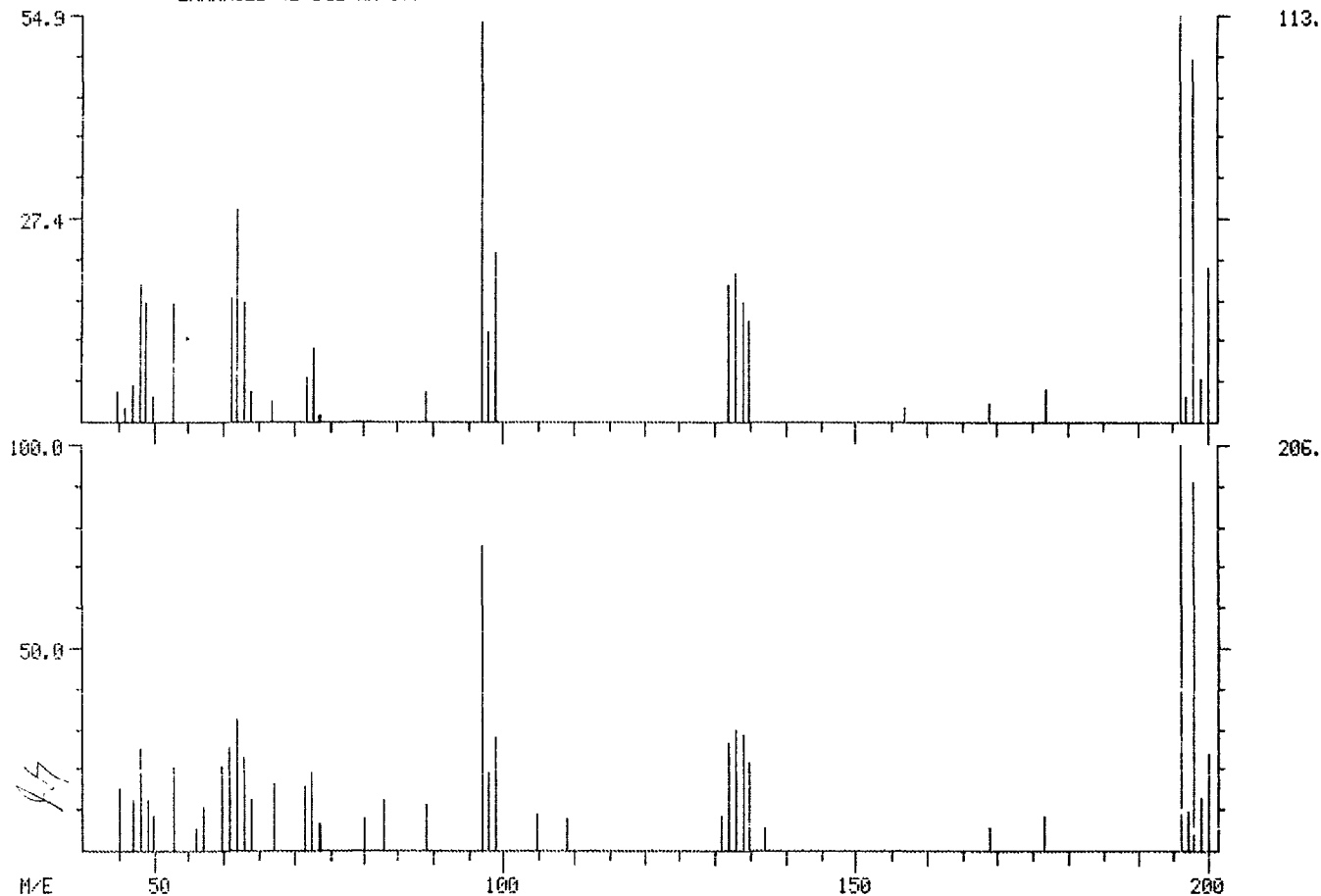
005358

sp

DUAL MASS SPECTRUM
12/18/84 14:53:00 + 15:28
SAMPLE: 1396F-07,500ML/ML
ENHANCED (S 158 24 0T)

DATA: 5553001A #884
CALI: FC434 #22

BASE M/E: 196/ 196
RIC: 331.7 1707.

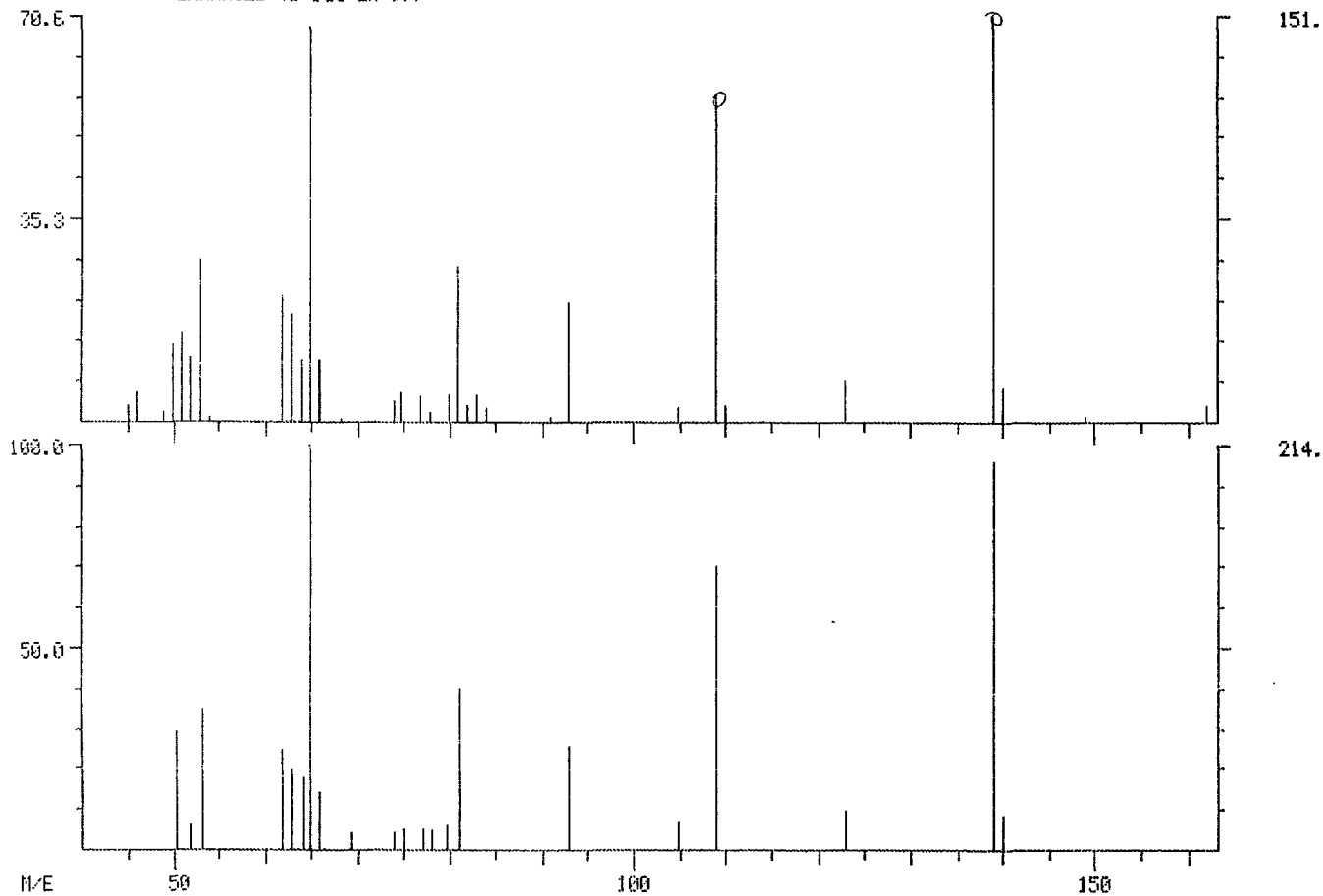


005359

DUAL MASS SPECTRUM
12/18/84 14:53:00 + 17:51
SAMPLE: 1396F-07,500ML/ML
ENHANCED (S 150 2N 0T)

DATA: 555301A #1020
CALI: FC434 #22

BASE M/E: 139/ 65
RIC: 933.7 1141.

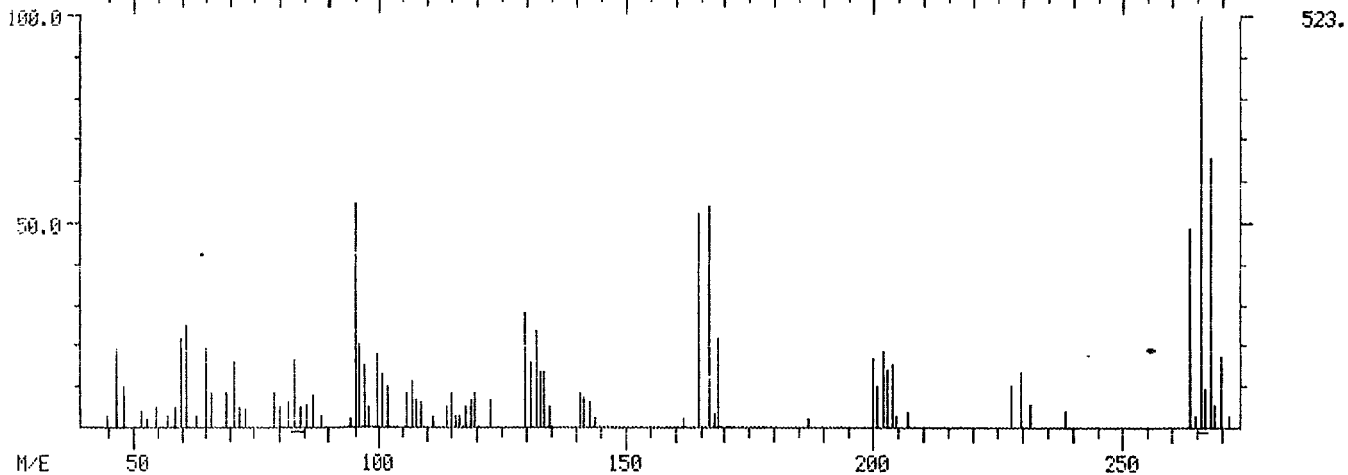
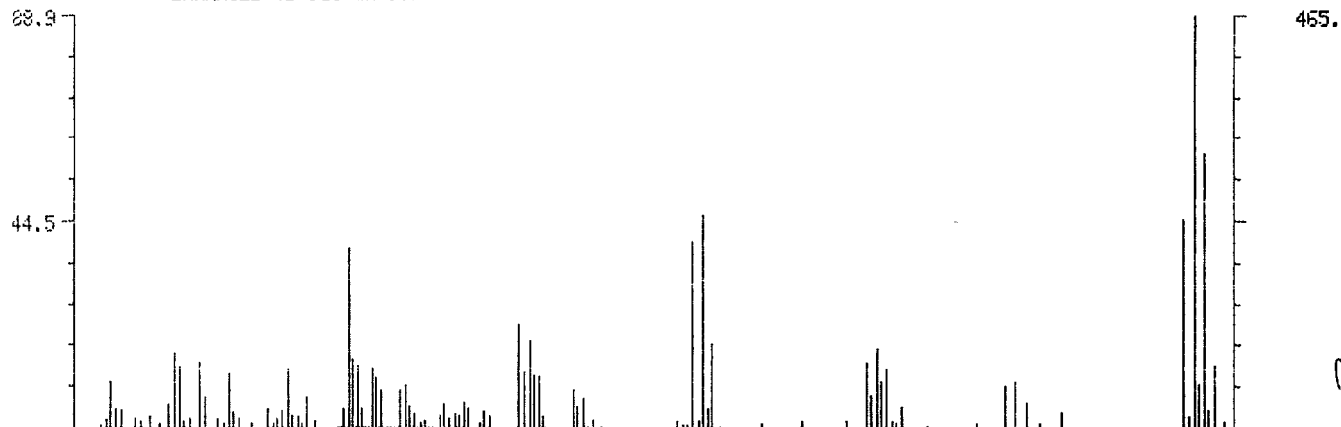


005360

DUAL MASS SPECTRUM
12/13/84 14:53:00 + 20:44
SAMPLE: 1396F-07.500ML/ML
ENHANCED (S 158 2N 0T)

DATA: S553301A #1185
CALI: FC434 #22

BASE M/E: 266/ 266
RIC: 4431.7 5599.

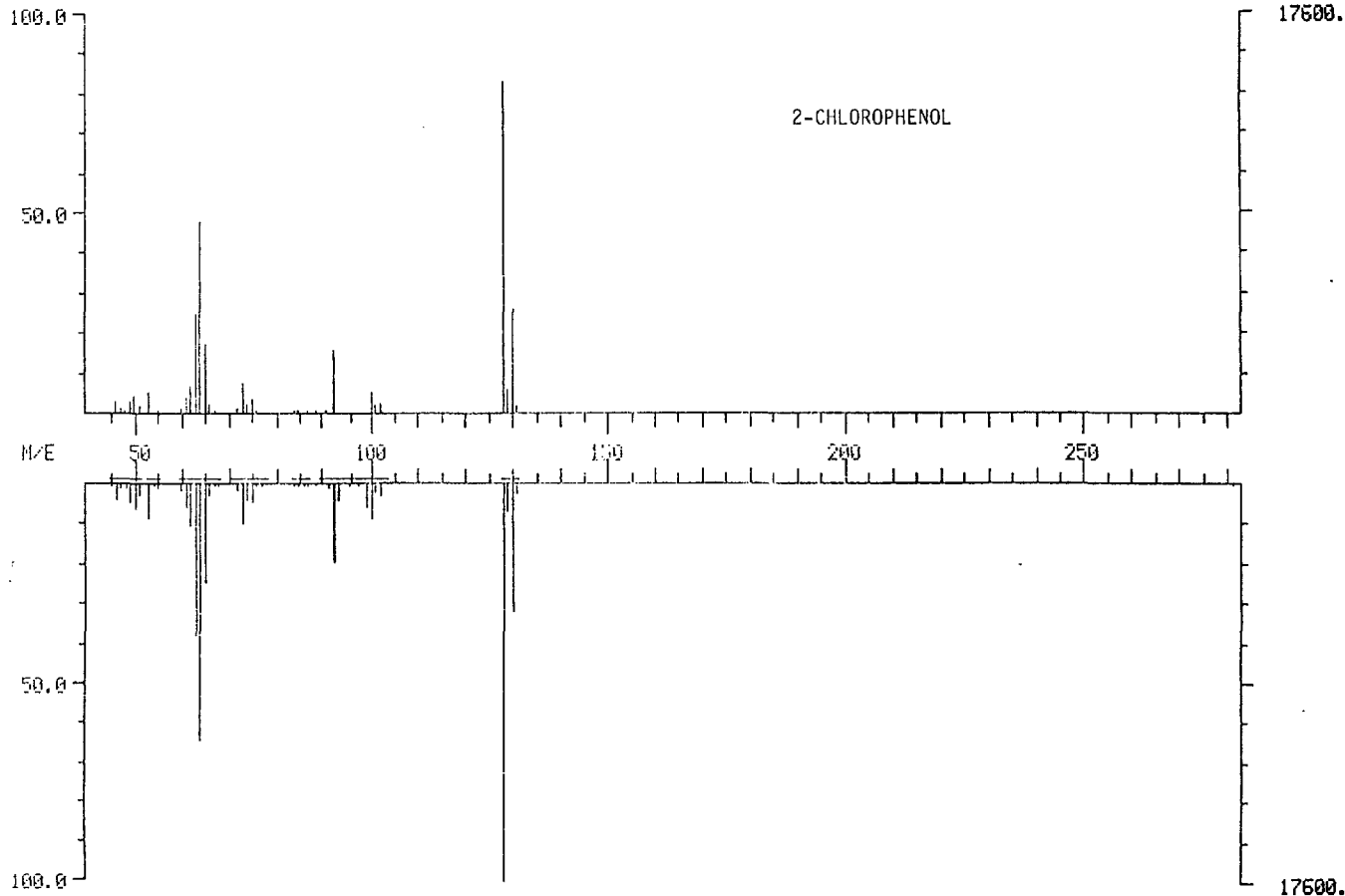


005361

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 8:40
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #495
CALL: FC43 #15

BASE M/E: 128/ 128
RIC: 49855.7 69375.

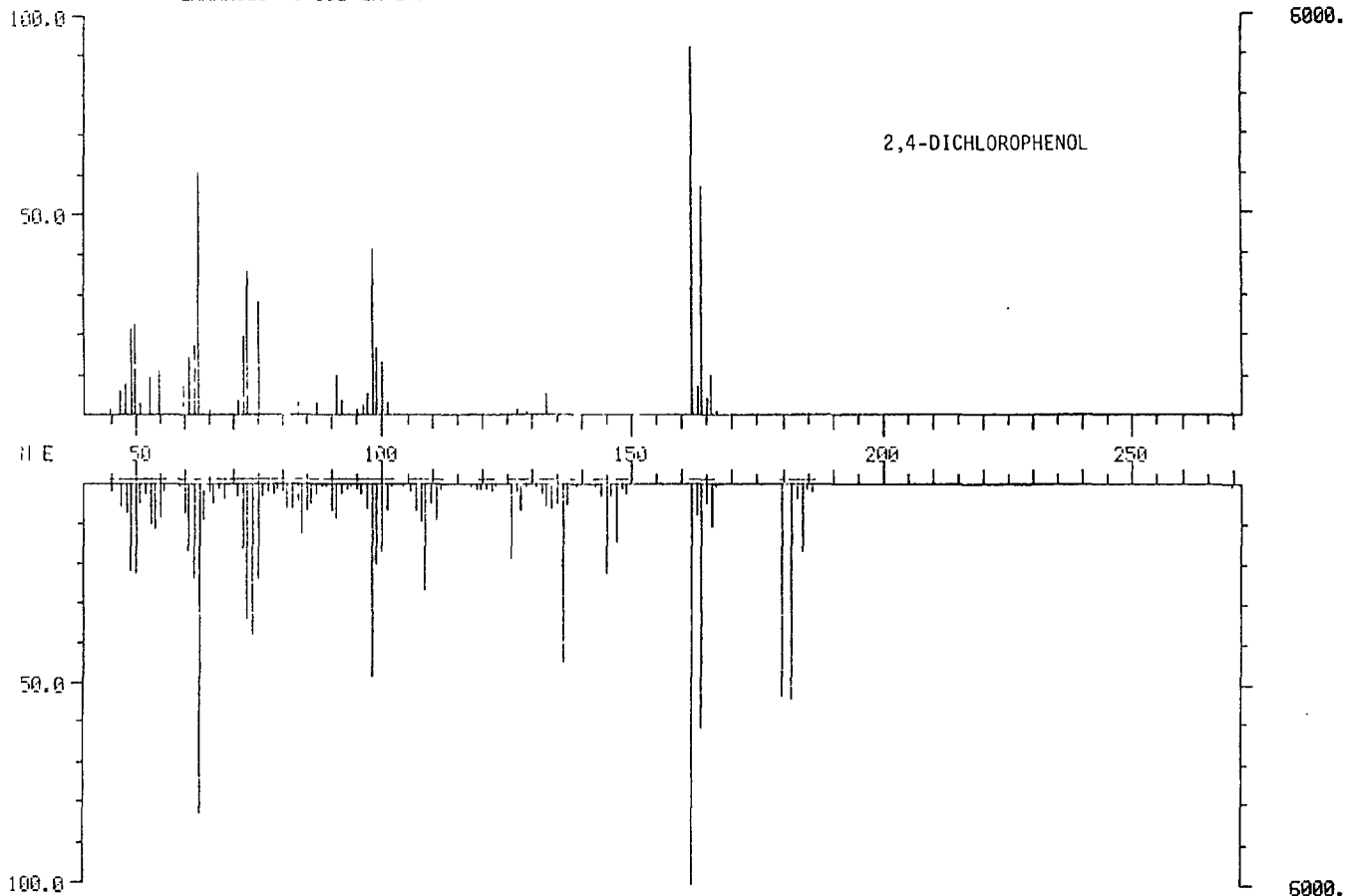


005362

DUAL M/E SPECTRUM
09/16/83 7:05:00 + 12:08
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 15B 2N 0T)

DATA: K40916 #693
CALI: FC43 #15

BASE M/E: 162/ 162
RIC: 33535.7 63295.

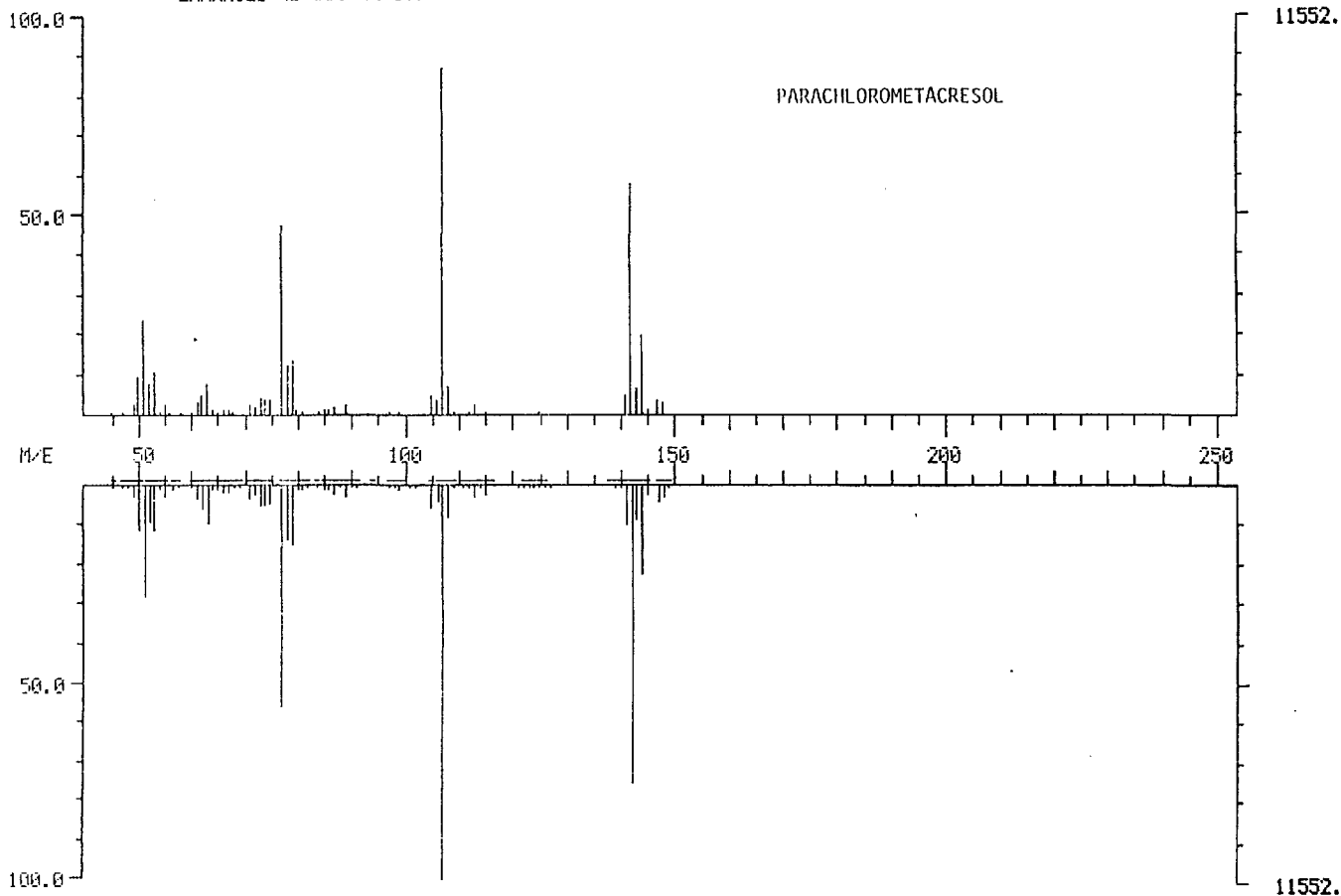


005363

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 14:00
SAMPLE: 50 NG PP/HSL STD
ENHANCED (5 150 2N 0T)

DATA: K40916 #808
CALI: FC43 #15

BASE M/E: 107/ 107
RIC: 43967. / 54783.

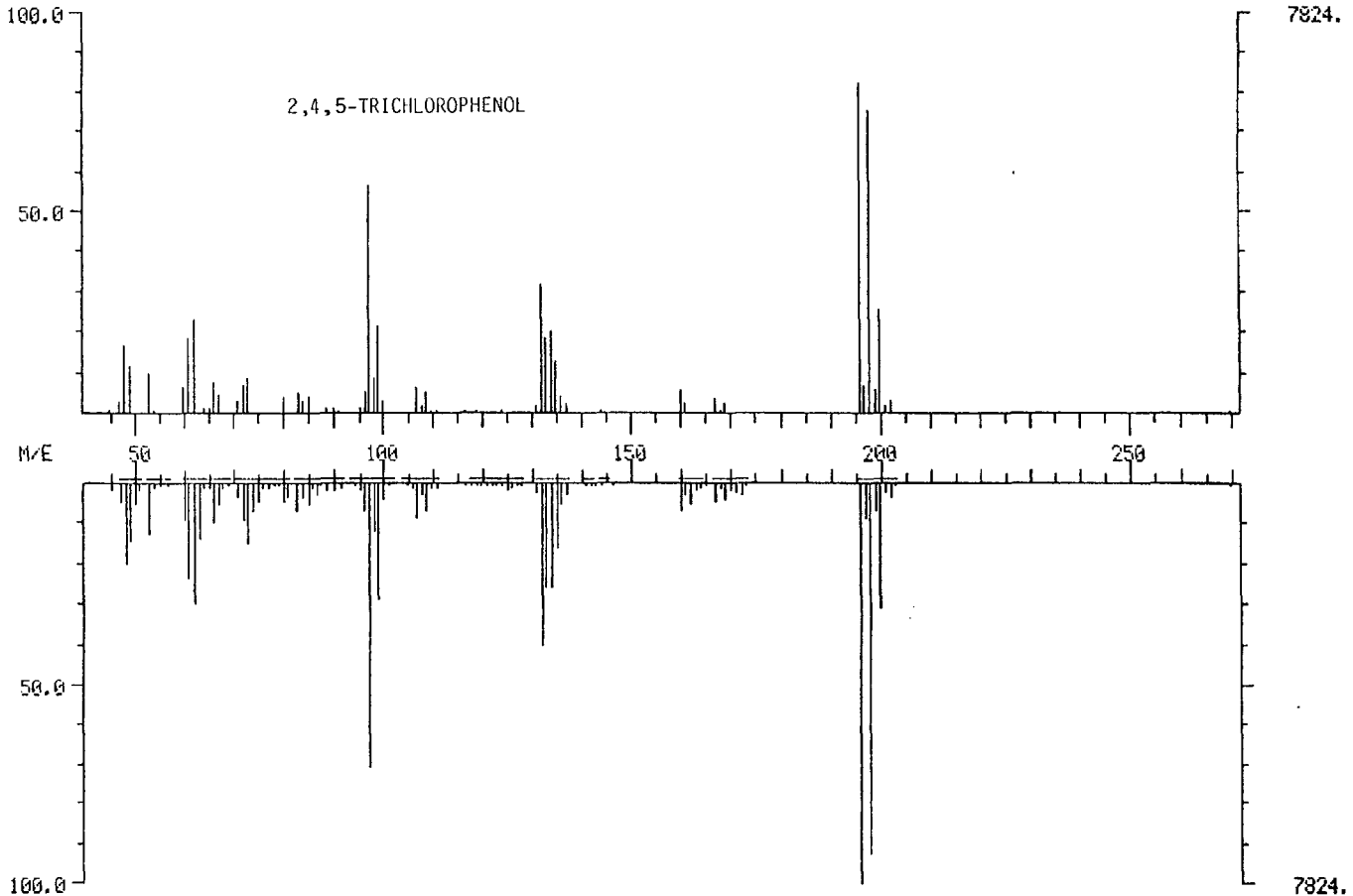


005364

DUAL MASS SPECTRUM
09/16/93 7:05:00 + 15:09
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 15B 2N 0T)

DATA: K40916 #866
CALI: FC43 #15

BASE M/E: 196/ 196
RIC: 43775./ 61951.

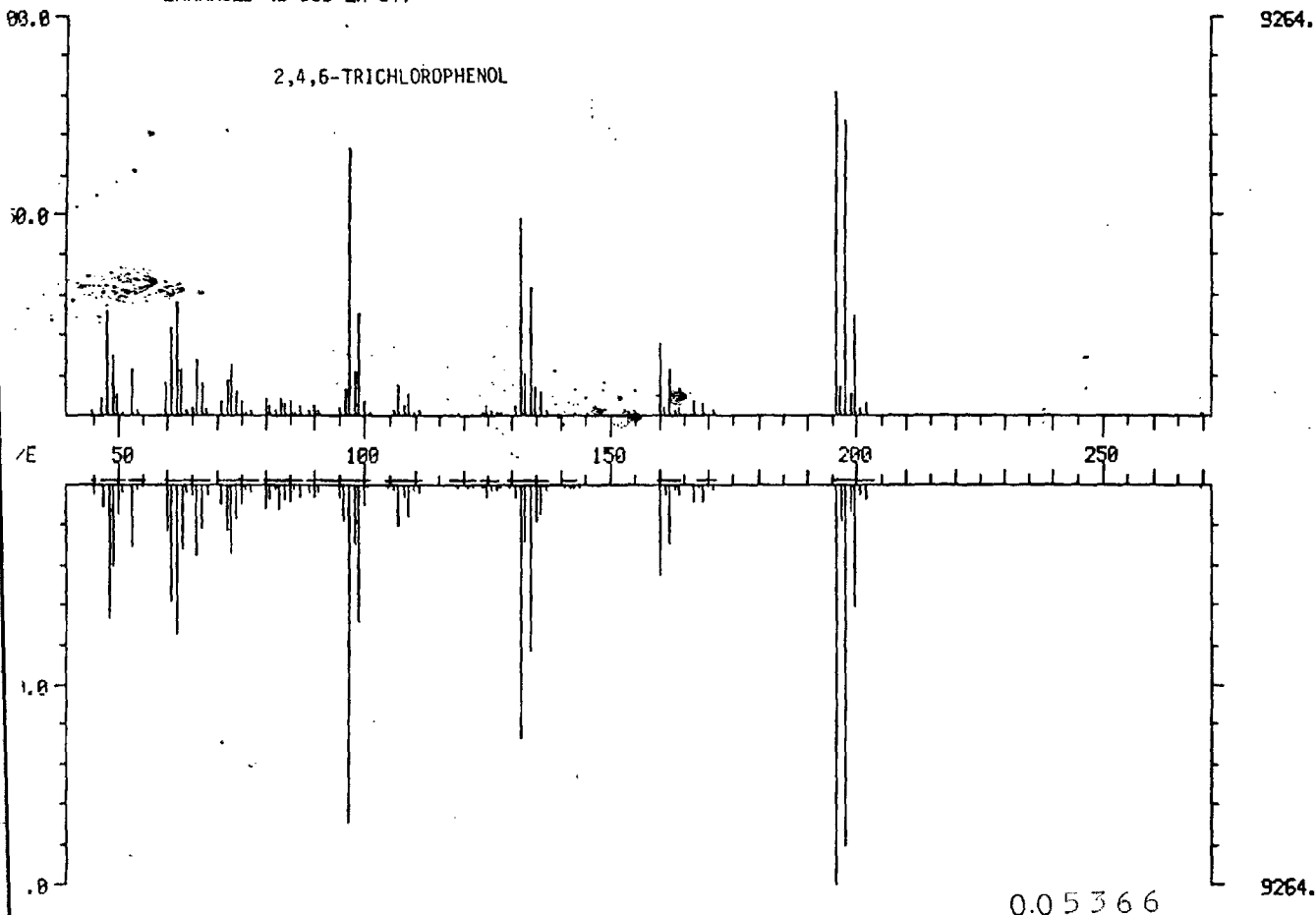


005365

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 14:58
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #855
CALI: FC43 #15

BASE M/E: 196/196
RIC: 65279./ 84735.



DUAL MASS SPECTRUM

11/29/83 17:28:00 + 10:14

SAMPLE: 1UL OF 100NG/UL PP/HSL CALIBRATION STD MIX

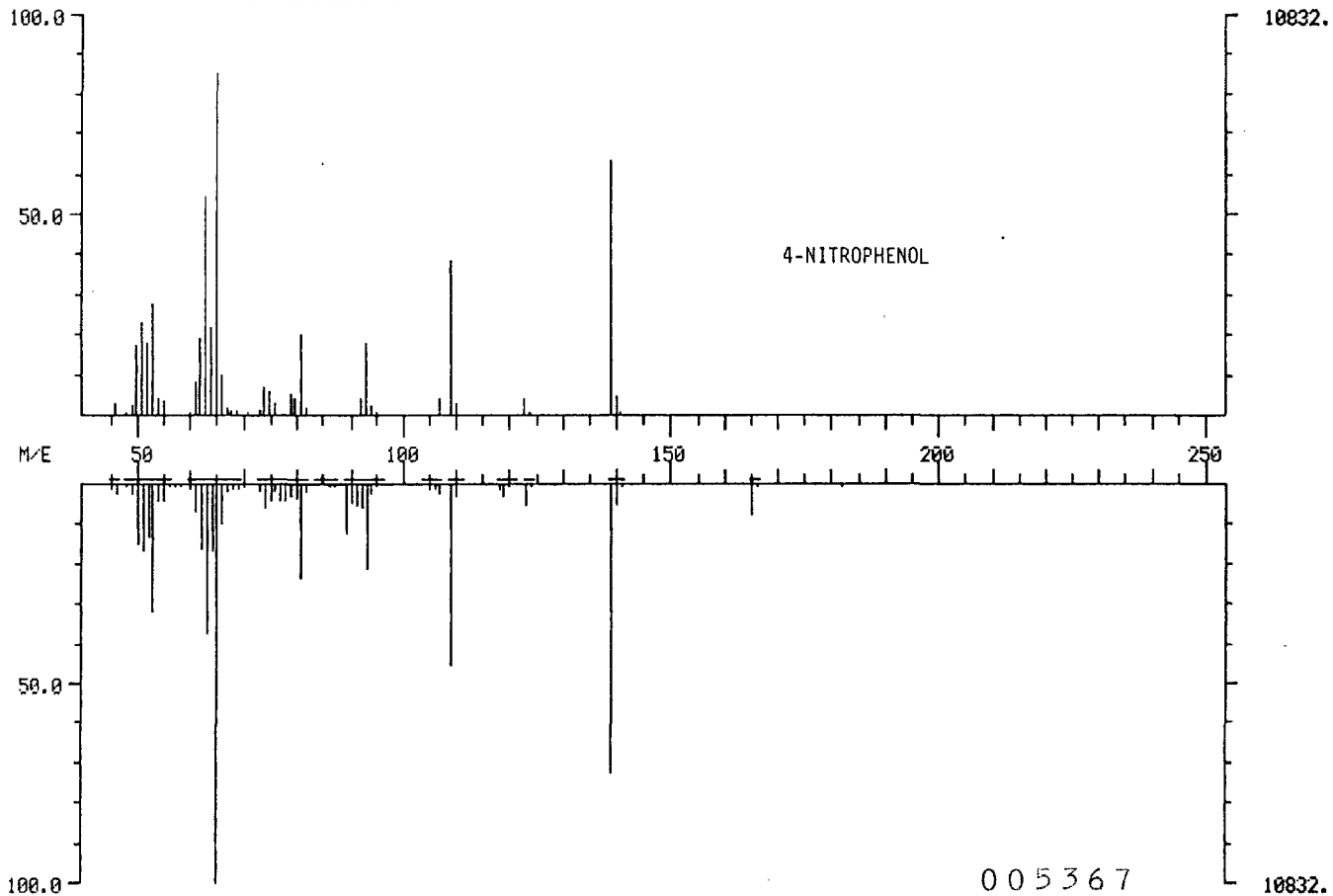
ENHANCED (S 15B 2N 0T)

DATA: K411298 #1042

CALI: FC43 #15

BASE M/E: 65/ 65

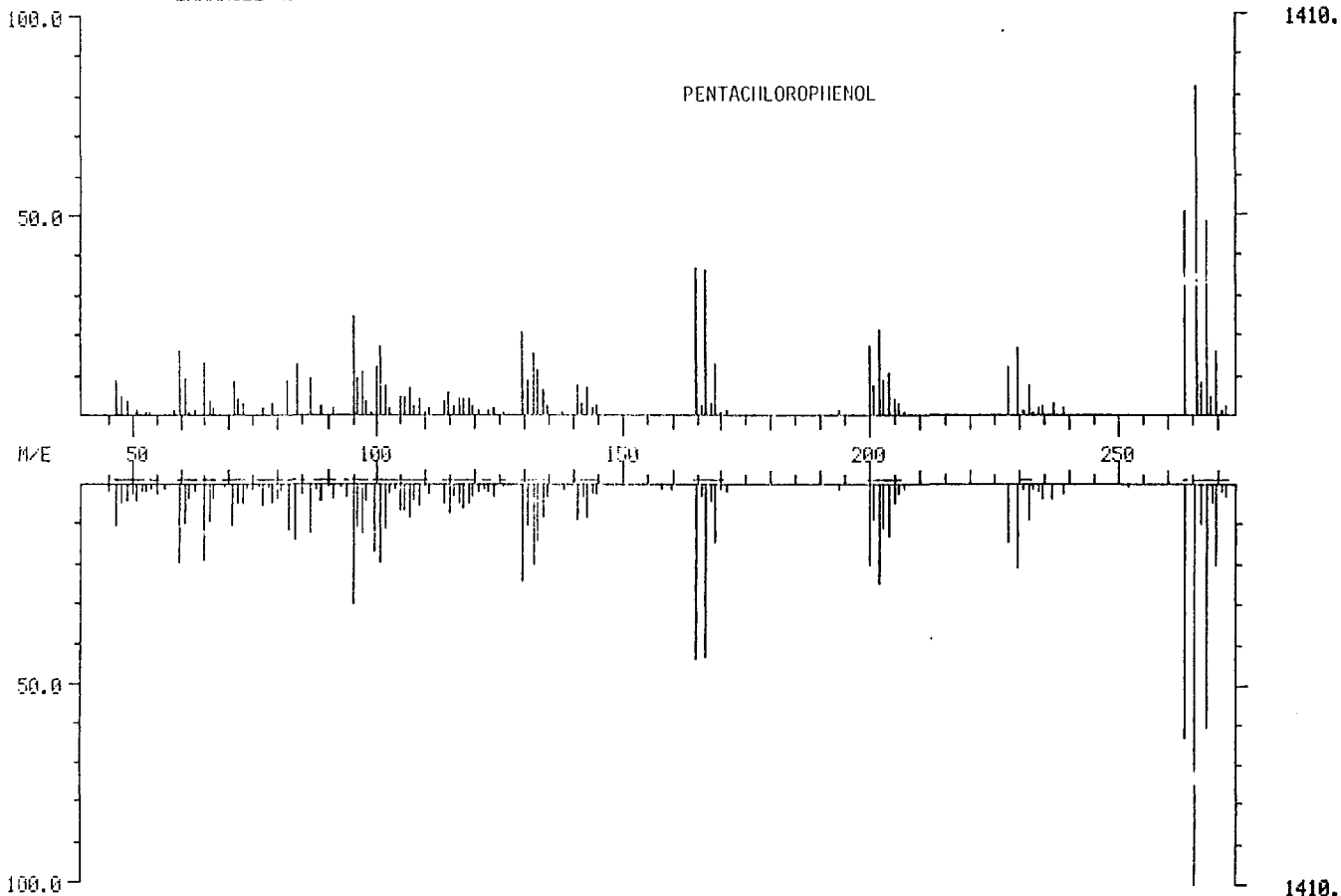
RIC: 53439./ 58623.



DUPLICATE MASS SPECTRUM
03/15/83 7:05:00 + 20:17
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40915 #1159
CALI: FC43 #15

BASE M/E: 265/ 266
RIC: 10943./ 14143.

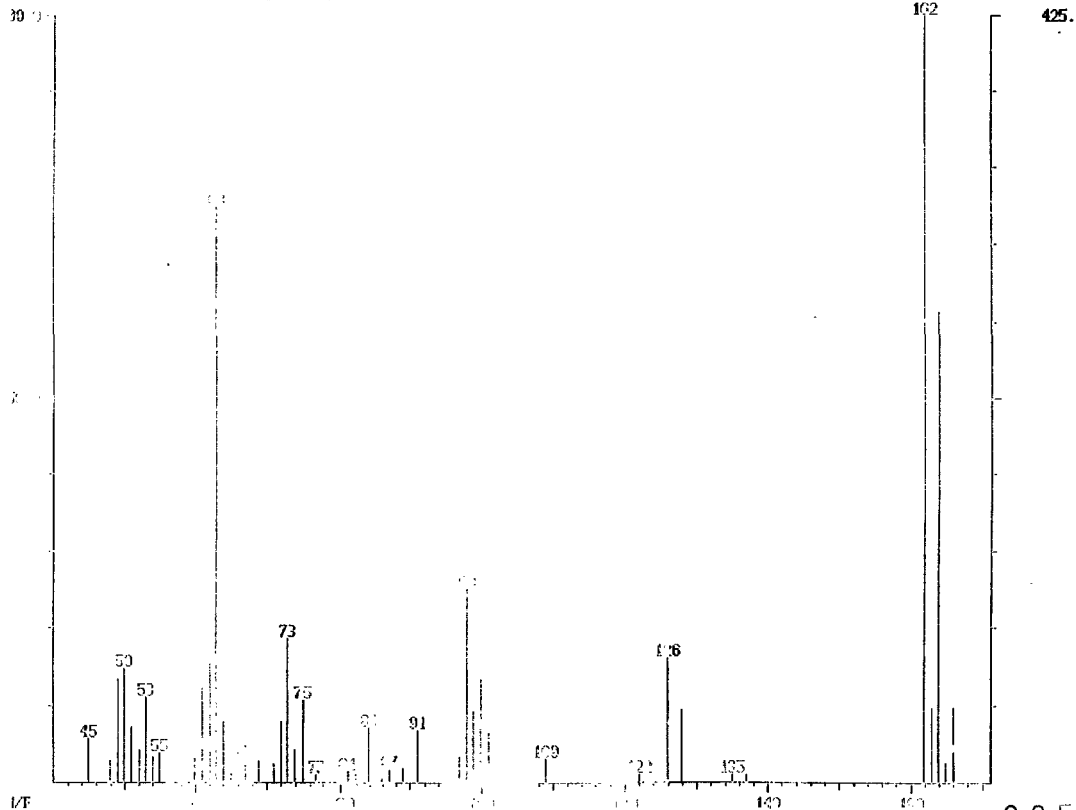


0.05368

BASE LVE: 162
12:13:34.13: 13:09 + 10:00
SAMPLE: 02 - 07.50% 2.0
EPC: 0.001 IN 15B 2N 013

DATA: S553301A 0743
CALI: F0434 022

BASE LVE: 162
R:C: 2273.



005369

EPA PROJECT

Lab Number: 5553401AStd. I.D.: L41218Sample I.D.: 12LF-09Date Injected: 12-18-87

Conc. factor (wet wt.): _____

Date Extracted: _____

Conc. factor (dry wt.): _____

SEMIVOLATILES (ABX)

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
964	D4-1,4-DICHLOROBENZENE	1.000	<u>538</u>	150	<u>81493</u>	<u>40</u>	_____
982	2-FLUOROPHENOL	0.693	<u>367</u>	112	<u>270359</u>	<u>160</u>	_____
61	N-NITROSODIMETHYLAMINE	0.440	_____	74	_____	_____	_____
C5	ANILINE	0.885	_____	93	_____	_____	_____
983	PHENOL-D5	0.946	<u>509</u>	99	<u>246504</u>	<u>128</u>	_____
65	PHENOL	0.947	_____	94	_____	_____	_____
18	BIS(2-CHLOROETHYL)ETHER	0.959	_____	93	_____	_____	_____
24	2-CHLOROPHENOL	0.954	<u>513</u>	128	<u>6507</u>	<u>4.1</u>	_____
26	1,3-DICHLOROBENZENE	0.987	_____	146	_____	_____	_____
27	1,4-DICHLOROBENZENE	1.003	_____	146	_____	_____	_____
25	1,2-DICHLOROBENZENE	1.050	_____	146	_____	_____	_____
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096	_____	121	_____	_____	_____
12	HEXACHLOROETHANE	1.126	_____	117	_____	_____	_____
C6	BENZYL ALCOHOL	0.791	_____	108	_____	_____	_____
63	N-NITROSODI-N-PROPYLAMINE	0.855	_____	130	_____	_____	_____
C2	2-METHYLPHENOL	0.828	_____	108	_____	_____	_____
C3	4-METHYLPHENOL	0.854	_____	108	_____	_____	_____
987	NAPHTHALENE-D8	1.000	<u>723</u>	136	<u>160223</u>	<u>40</u>	_____
988	NITROBENZENE-D5	0.872	_____	128	_____	_____	_____
56	NITROBENZENE	0.875	_____	123	_____	_____	_____
54	ISOPHORONE	0.920	_____	82	_____	_____	_____
57	2-NITROPHENOL	0.935	_____	139	_____	_____	_____
34	2,4-DIMETHYLPHENOL	0.953	_____	122	_____	_____	_____
43	BIS(2-CHLOROETHOXY)METHANE	0.970	_____	93	_____	_____	_____
31	2,4-DICHLOROPHENOL	0.982	<u>709</u>	162	<u>1004</u>	<u>0.8</u>	_____
C1	BENZOIC ACID	0.982	_____	122	_____	_____	_____

005370

LAB NO.: _____
 SAMPLE ID: _____

Jalco
 Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
8	1,2,4-TRICHLOROBENZENE	0.993	—	180	—	—	—
55	NAPHTHALENE	1.004	—	128	—	—	—
C7	4-CHLOROANTLINE	1.030	—	127	—	—	—
52	HEXACHLOROBUTADIENE	1.042	—	225	—	—	—
22	4-CHLORO-3-METHYLPHENOL	1.127	—	144	—	—	—
C9	2-METHYLNAPHTHALENE	1.144	—	142	—	—	—
957	ACENAPHTHENE-D10	1.000	<u>984</u>	164	<u>79071</u>	<u>40</u>	—
53	HEXACHLOROCYCLOPENTADIENE	1.183	—	237	—	—	—
21	2,4,6-TRICHLOROPHENOL	1.201	<u>877</u>	196	<u>2055</u>	<u>32</u>	—
976	2-FLUOROBIPHENYL	1.217	—	172	—	—	—
C4	2,4,5-TRICHLOROPHENOL	1.219	<u>883</u>	198	<u>691</u>	<u>1.0</u>	—
20	2-CHLORONAPHTHALENE	1.230	—	162	—	—	—
C10	2-NITROANILINE	1.234	—	138	—	—	—
77	ACENAPHTHYLENE	1.309	—	152	—	—	—
71	DIMETHY PHTHALATE	1.308	—	163	—	—	—
36	2,6-DINITROTOLUENE	1.320	—	165	—	—	—
1	ACENAPHTHENE	0.822	—	154	—	—	—
59	2,4-DINITROPHENOL	0.834	—	184	—	—	—
C8	DIBENZOFURAN	0.843	—	168	—	—	—
35	2,4-DINITROTOLUENE	0.851	—	89	—	—	—
58	4-NITROPHENOL	0.854	—	109	—	—	—
C11	3-NITROANILINE	0.857	—	138	—	—	—
80	FLUORENE	0.882	—	166	—	—	—
40	4-CHLOROPHENYL ETHER	0.885	—	204	—	—	—
70	DIETHYL PHTHALATE	0.887	—	149	—	—	—
C12	4-NITROANILINE	0.904	—	138	—	—	—
955	2,4,6-TRIBROMOPHENOL	1.120	<u>1103</u>	332	<u>46736</u>	<u>210</u>	—

005371

LAB NO.: _____
SAMPLE ID: _____

Jack Crow

Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT	AREA	QUAN LIST	ug/L or ug/Kg
962	PHENANTHRENE-D10	1.000	—	188	—	—	—
60	4,6-DINITRO-O-CRESOL	0.900	—	198	—	—	—
37	1,2-DIPHENYLHYDRAZINE	—	—	77	—	—	—
62	DIPHENYLAMINE	0.901	—	169	—	—	—
41	4-BROMOPHENYL PHENYL ETHER	0.943	—	248	—	—	—
9	HEXACHLOROBENZENE	0.958	—	284	—	—	—
64	PENTACHLOROPHENOL	0.982	<u>1184</u>	266	<u>1492</u>	<u>5.1</u>	—
81	PHENANTHRENE	0.997	—	178	—	—	—
78	ANTHRACENE	1.002	—	178	—	—	—
68	DI-N-BUTYL PHTHALATE	1.081	—	149	—	—	—
39	FLUOROANTHENE	1.142	—	202	—	—	—
961	CHRYSENE-D12	1.000	<u>1591</u>	240	<u>27244</u>	<u>40</u>	—
954	TERPHENYL-D14	1.201	—	244	—	—	—
84	PYRENE	1.169	—	202	—	—	—
5	BENZIDINE	0.886	—	184	—	—	—
67	BUTYL BENZYL PHTHALATE	0.955	—	149	—	—	—
72	BENZO(A)ANTHRACENE	0.998	—	228	—	—	—
76	CHRYSENE	1.003	—	228	—	—	—
28	3,3'-DICHLOROBENZIDINE	1.002	—	252	—	—	—
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019	—	149	—	—	—
952	PERYLENE-D12	1.000	<u>1839</u>	264	<u>14825</u>	<u>40</u>	—
69	DI-N-OCTYL PHTHALATE	1.104	—	149	—	—	—
74	3,4-BENZOFLUOROANTHENE AND/OR	—	—	252	—	—	—
75	BENZO(K)FLUORANTHENE	—	—	252	—	—	—
73	BENZO(A)PYRENE	1.004	—	252	—	—	—
83	INDENO(1,2,3-CD)PYRENE	—	—	276	—	—	—
82	DIBENZO(A,H)ANTHRACENE	1.259	—	278	—	—	—

005372

SYSTEM, SCIENCE + SOFTWARE DIAGNOSTICS

SS53401A
 FC434
 12/18/84
 1396F-09, 1UL OF 1ML CONC., 500ML/ML
 F4

NO	LIB	ID	M/E	SCAN	FREQ	DELTA	FIT	PUR	MATCH	AREA
1	LL	964:	150	538	539	1	976	744	94.	81492.
2	LL	982:	112	367	368	1	986	887	100.	270358.
3	LL	61	74	---	99	NO PEAKS FOUND				
4	LL	05:	93	504	501	-3	636	44	41.	21.
				-507		-6	369	9	26.	
				-510		-9	355	12	17.	
5	LL	983:	99	509	509	0	987	810	97.	246503.
6	LL	65:	94	509	511	-1	550	85	37.	1281.
				-513		-2	480	104	33.	
				-521		-10	451	70	20.	
7	LL	18:	93	514	516	2	526	154	41.	128.
				-510		6	319	38	23.	
				-520		-4	175	18	17.	
8	LL	24:	128	513	513	0	901	663	86.	6506.
9	LL	26:	146	530	532	2	281	46	24.	17.
				-539		-7	211	65	18.	
				-532		0	170	35	18.	
10	LL	27:	146	539	540	1	203	74	21.	76.
				-530		10	299	39	15.	
				-532		8	165	33	13.	
11	LL	25:	146	566	566	0	444	114	35.	109.
12	LL	40:	121	590	592	2	194	33	19.	14.
13	LL	12:	117	614	608	-6	214	71	22.	72.
14	LL	06:	108	571	567	-2	271	13	22.	11.
15	LL	63:	130	613	614	1	306	57	26.	9.
				-623		-9	162	96	14.	
16	LL	02:	108	592	592	0	987	458	80.	354.
17	LL	03:	108	615	615	0	823	111	54.	70.
18	LL	987:	106	723	724	1	933	793	94.	160222.
19	LL	988:	128	623	624	1	988	761	95.	4860.
				-629		-5	897	378	71.	
20	LL	56:	123	---	627	NO PEAKS FOUND				
21	LL	54:	82	662	664	2	600	140	44.	88.
				-672		-8	460	101	27.	
				-656		8	484	19	24.	
22	LL	57:	139	---	673	NO PEAKS FOUND				
23	LL	34:	123	690	690	0	703	286	57.	93.
24	LL	42:	90	709	704	-5	364	45	38.	13.
25	LL	31:	162	709	709	0	982	459	80.	987.
26	LL	01:	122	712	718	6	909	194	63.	88.
				-716		2	779	174	55.	
				-718		0	737	206	55.	
27	LL	8:	100	719	719	0	680	159	49.	72.
28	LL	55:	128	725	726	1	916	85	58.	239.
29	LL	07:	127	742	744	2	290	37	24.	12.
30	LL	52	225	---	756	NO PEAKS FOUND				
31	LL	22:	144	821	821	0	983	787	96.	239.
32	LL	09:	142	828	828	0	854	212	61.	27.
				-821		7	739	146	44.	
				-830		-2	500	53	35.	
33	LL	957:	164	984	985	1	995	726	94.	79070.
				-991		-6	845	476	74.	
34	LL	53:	237	---	863	NO PEAKS FOUND				
35	LL	21:	196	877	878	1	938	720	90.	2854.
				-883		-5	894	629	84.	
36	LL	976:	172	890	890	0	763	690	90.	17365.
37	LL	04:	196	877	882	5	985	551	84.	2054.
				-883		-1	991	498	82.	
38	LL	20:	162	899	899	0	542	44	37.	23.
39	LL	010:	138	---	925	NO PEAKS FOUND				
40	LL	77:	152	961	960	-1	700	60	45.	37.
41	LL	71:	163	961	962	1	860	103	56.	30.
42	LL	36:	165	972	971	-1	429	66	32.	26.
				-981		-10	427	41	19.	
43	LL	1:	154	984	989	5	613	1	38.	286.
				-988		1	462	4	31.	
				-993		-4	417	29	30.	
44	LL	59:	184	1008	1002	-6	358	130	32.	10.
45	LL	08:	168	1009	1012	3	332	62	38.	10.
46	LL	35:	89	1025	1026	1	283	49	24.	9.
47	LL	58:	109	1024	1020	-4	517	385	53.	96.
				-1019		1	356	253	38.	
48	LL	01:	120	884	888	4	311	14	10	10

005373

49	LL	80	188	188	1083	1	583	57	25.
50	LL	40	224	---	1068	NO PEAKS	FOUND		
51	LL	70	149	1067	1068	1	766	266	59.
				-1061		7	615	77	36.
52	LL	C12	138	---	1082	NO PEAKS	FOUND		
53	LL	955	332	1103	1101	-2	973	720	92.
54	LL	962	188	1199	1200	-1	972	673	90.
				-1283		-3	847	461	73.
55	LL	60	198	1083	1083	-2	130	40	16.
56	LL	37	77	1082	1088	6	571	113	42.
				-1093		-7	388	179	39.
				-1089		-1	477	79	33.
57	LL	62	169	1088	1088	0	754	381	64.
58	LL	41	240	---	1137	NO PEAKS	FOUND		
59	LL	9	384	---	1155	NO PEAKS	FOUND		
60	LL	64	266	1184	1184	0	960	652	88.
61	LL	81	178	1202	1203	1	985	188	66.
				-1208		-5	733	255	57.
62	LL	78	178	1208	1209	1	733	255	57.
				-1211		-2	636	29	41.
63	LL	68	149	1309	1309	0	988	529	83.
				-1315		-6	857	166	56.
64	LL	39	202	1378	1378	0	887	234	54.
65	LL	961	240	1571	1572	1	776	475	70.
66	LL	954	244	1443	1442	-1	997	452	80.
67	LL	84	202	1409	1410	1	890	366	71.
68	LL	5	184	---	1470	NO PEAKS	FOUND		
69	LL	67	149	1527	1528	1	768	196	56.
				-1532		-4	538	27	36.
				-1533		-7	538	23	30.
70	LL	72	229	1594	1589	-5	975	110	62.
				-1588		1	784	53	49.
				-1591		-2	617	2	38.
71	LL	76	238	1594	1595	1	987	103	58.
				-1591		4	504	2	33.
72	LL	28	233	1689	1595	6	333	3	24.
73	LL	66	148	1619	1619	0	814	321	64.
74	LL	953	264	1839	1839	0	985	632	88.
75	LL	69	168	1716	1717	1	769	211	58.
				-1723		-3	333	49	27.
76	LL	74	252	1766	1763	-3	921	161	62.
				-1761		2	785	123	49.
77	LL	73	252	1824	1827	-3	694	67	46.
				-1839		-12	649	3	20.
PREDICTED	SCAN	#	OUTSIDE	LIMITS					
78	LL	83	276	---	2134	NO PEAKS	FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS					
79	LL	82	276	---	2148	NO PEAKS	FOUND		
PREDICTED	SCAN	#	OUTSIDE	LIMITS					
80	LL	79	276	---	2223	NO PEAKS	FOUND		

46735.
84670.
10.
13.
218.
1491.
487.
171.
858.
154.
27223.
5784.
294.
97.
233.
233.
9.
882.
14824.
256.
214.
133.

005374

QUANTITATION REPORT FILE: S553401A

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

NO	NAME
1	964: D4-1,4-DICHLOROBENZENE (Q 150)
2	982: 2-FLUOROPHENOL (Q 112)
3	61: N-NITROSODIMETHYLAMINE (Q74, R10:2:9)
4	65: ANILINE (Q 93)
5	983: D5-PHENOL (Q99, R4:10)
6	65: PHENOL (Q94, R2:2:10)
7	18: BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24: 2-CHLOROPHENOL (Q128, R5:10:3)
9	26: 1,3-DICHLOROBENZENE (Q146, R1:10:6)
10	27: 1,4-DICHLOROBENZENE (Q146, R1:10:6)
11	25: 1,2-DICHLOROBENZENE (Q146, R1:10:6)
12	42: BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12: HEXACHLOROETHANE (Q117, R10:6:10)
14	66: BENZYL ALCOHOL (Q 108)
15	63: N-NITROSODI-N-PROPYLAMINE (Q130, R6:1:2)
16	62: 2-METHYLPHENOL (Q 108)
17	63: 4-METHYLPHENOL (Q 108)
18	987: NAPHTHALENE-D8 (Q136)
19	988: NITROBENZENE-D5 (Q128)
20	56: NITROBENZENE (Q123, R1:5:10:5)
21	54: ISOPHORONE (Q82, R10:1:2)
22	57: 2-NITROPHENOL (Q139, R3:0:8:10)
23	43: 2,4-DIMETHYLPHENOL (Q122, R9:5:10)
24	34: BIS (2-CHLOROETHOXY) METHANE (Q93, R10:2:2)
25	31: 2,4-DICHLOROPHENOL (Q162, R6:10:6)
26	61: BENZOIC ACID (Q 122)
27	6: 1,2,4-TRICHLOROBENZENE (Q180, R3:10:9)
28	55: NAPHTHALENE (Q129, R1:10:1)
29	67: 4-CHLOROANILINE (Q 127)
30	52: HEXACHLOROBTADIENE (Q225, R6:10:6)
31	22: 4-CHLORO-3-METHYLPHENOL (Q 144)
32	69: 2-METHYLNAPHTHALENE (Q 142)
33	957: D10-ACENAPHTHENE (Q164)
34	53: HEXACHLOROCYCLOPENTADIENE (Q237, R6:10:1)
35	21: 2,4,6-TRICHLOROPHENOL (Q196, R10:9:3)
36	976: 2-FLUOROBIPHENYL (Q172, R1:5:2:4:10)
37	64: 2,4,5-TRICHLOROPHENOL (Q 176)
38	20: 2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	610: 2-NITROANILINE (Q 138)
40	77: ACENAPHTHYLENE (Q152, R2:10:2)
41	71: DIMETHYL PHTHALATE (Q150, R10:1:1)
42	36: 2,6-DINITROTOLUENE (Q165, R2:7:10)
43	1: ACENAPHTHENE (Q154, R5:10:10)
44	59: 2,4-DINITROPHENOL (Q184, R6:5:10)
45	68: DIBENZOFURAN (Q 168)
46	35: 2,4-DINITROTOLUENE (Q89, R7:2:10)
47	58: 4-NITROPHENOL (Q109, R10:7:5)
48	C11: 3-NITROANILINE (Q 138)
49	80: FLUORENE (Q166, R8:10:1:4)
50	40: 4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70: DIETHYL PHTHALATE (Q149, R10:1:2)
52	612: 4-NITROANILINE (Q 138)
53	955: 2,4,6-TRIBROMOPHENOL (Q332)

005375

NO	NAME
54	962: D10-PHENANTHRENE (Q 188)
55	60: 4,6-DINITRO-2-METHYLPHENOL (Q 198)
56	37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
57	62: N-NITROSODIPHENYLAMINE (Q169, R5:7:10)
58	41: 4-BROMOPHENYL PHENYL ETHER (Q248, R3:10:10)
59	9: HEXACHLOROBENZENE (Q284, R3:2:10)
60	64: PENTACHLOROPHENOL (Q266, R6:10:6)
61	81: PHENANTHRENE (Q 178)
62	78: ANTHRACENE (Q 178)
63	68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
64	39: FLUORANTHENE (Q202, R1:2:10)
65	961: D12-CHRYSENE (Q240)
66	954: D14-TERPHENYL (Q244)
67	84: PYRENE (Q202, R3:2:10)
68	5: BENZIDINE (Q184, R2:10:1)
69	67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
70	72: BENZO(A)ANTHRACENE (Q 228)
71	76: CHRYSENE (Q 228)
72	28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
73	68: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
74	952: D12-PERYLENE (Q 264)
75	69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
76	74: 3,4-BENZOFUORANTHENE &/OR BENZO(K)FLUORANTHENE (Q252)
77	73: BENZO(A)PYRENE (Q252, R2:10:2)
78	83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
79	82: DIBENZO(A,H)ANTHRACENE (Q276, R2:10:2)
80	79: BENZO(GHI)PERYLENE (Q276, R4:10:3)

005376

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	UG/L	%TOT
1	150	538	9:23	1	1.000	A BV	81493.	40.000	UG/L	5.12
2	112	347	8:25	1	0.682	A BB	270359.	160.003	UG/L	20.49
3		NOT FOUND								
4	93	504	8:49	1	0.937	A BB	22.	0.029	UG/L	0.00
5	99	509	8:54	1	0.946	A BV	246504.	120.204	UG/L	16.42
6	94	510	8:55	1	0.948	A BB	1282.	0.666	UG/L	0.09
7	93	514	9:00	1	0.955	A BB	129.	0.057	UG/L	0.01
8	128	513	8:59	1	0.954	A BB	6507.	4.053	UG/L	0.52
9	146	530	9:16	1	0.985	A BB	18.	0.010	UG/L	0.00
10	146	537	9:26	1	1.002	A BB	77.	0.043	UG/L	0.01
11	146	566	9:54	1	1.052	A BB	110.	0.055	UG/L	0.01
12	121	590	10:19	1	1.097	A BB	15.	0.026	UG/L	0.00
13	117	614	10:45	1	1.141	A BB	73.	0.086	UG/L	0.01
14	108	571	10:00	1	1.061	A BB	12.	0.014	UG/L	0.00
15	130	613	10:44	1	1.139	A BB	10.	0.038	UG/L	0.00
16	108	592	10:22	1	1.100	A BB	355.	0.265	UG/L	0.03
17	108	615	10:46	1	1.143	A BB	71.	0.050	UG/L	0.01
18	136	723	12:39	18	1.000	A BV	160223.	40.000	UG/L	5.12
19	128	623	10:54	18	0.862	A BV	4861.	5.906	UL/L	0.76
20		NOT FOUND								
21	82	662	11:35	18	0.916	A BB	89.	0.027	UG/L	0.00
22		NOT FOUND								
23	132	690	12:04	18	0.954	A BB	94.	0.072	UG/L	0.01
24	93	709	12:04	18	0.981	A BB	14.	0.006	UG/L	0.00
25	162	709	12:04	18	0.981	A BB	988.	0.841	UG/L	0.11
26	122	712	12:25	18	0.985	A BV	89.	0.166	UG/L	0.02
27	180	719	12:35	18	0.994	A BB	73.	0.056	UG/L	0.01

NO	M/E	SCAN	TIME	REF	RET	METH	AREA (HGHT)	AMOUNT	ZTOT
28		128	12:41	18	1.003	A BB	240.	0.067	UG/L 0.01
29		127	12:59	18	1.026	A BB	13.	0.024	UG/L 0.00
30		NOT FOUND							
31		144	14:22	18	1.136	A BB	240.	0.737	UG/L 0.09
32		142	14:29	18	1.145	A BB	28.	0.011	UG/L 0.00
33		164	17:13	33	1.000	A BB	79071.	40.000	UG/L 5.12
34		NOT FOUND							
35		196	15:21	33	0.891	A BV	2055.	3.191	UG/L 0.41
36		172	15:34	33	0.904	A BV	17366.	6.810	UG/L 0.87
37		196	15:39	33	0.891	A BV	2055.	3.191	UG/L 0.40
38		162	15:41	33	0.914	A BB	24.	0.010	UG/L 0.00
39		NOT FOUND							
40		152	16:49	33	0.977	A BB	38.	0.015	UG/L 0.00
41		163	16:49	33	0.977	A BB	31.	0.013	UG/L 0.00
42		165	17:01	33	0.988	A BB	37.	0.052	UG/L 0.01
43		154	17:13	33	1.000	A BB	287.	0.133	UG/L 0.03
44		184	17:38	33	1.024	A BB	11.	0.182	UG/L 0.01
45		168	17:38	33	1.023	A BB	11.	0.004	UG/L 0.00
46		89	17:38	33	1.042	A BB	10.	0.023	UG/L 0.00
47		109	17:38	33	1.041	A VB	97.	0.574	UG/L 0.07
48		138	17:38	33	1.000	A BB	11.	0.202	UG/L 0.03
49		166	18:33	33	1.079	A BB	26.	0.012	UG/L 0.00
50		NOT FOUND							
51		149	19:40	33	1.084	A BB	74	0.031	UG/L 0.00
52		NOT FOUND							
53		332	19:18	33	1.121	A BV	46736.	209.897	UG/L 26.88
54		188	20:09	34	1.000	A BV	84671.	40.000	UG/L 5.12
55		198	18:59	34	0.905	A BB	11.	0.053	UG/L 0.01
56		77	18:56	34	0.902	A BB	14.	0.076	UG/L 0.01
57		169	19:02	34	0.907	A BB	219.	0.357	UG/L 0.05
58		NOT FOUND							
59		NOT FOUND							
60		266	18:09	34	0.987	A BB	1492.	5.183	UG/L 0.66
61		178	12:08	34	1.000	A BB	488.	0.199	UG/L 0.03
62		178	12:08	34	1.000	A BB	172.	0.101	UG/L 0.01
63		149	13:09	34	1.072	A BB	859.	0.290	UG/L 0.04
64		202	13:7	34	1.149	A BB	155.	0.076	UG/L 0.01
65		240	15:1	35	1.000	A VV	27224.	40.000	UG/L 5.12
66		244	14:43	35	0.907	A BV	5705.	6.379	UG/L 0.82
67		202	14:09	35	0.886	A BB	295.	0.159	UG/L 0.02
68		NOT FOUND							
69		149	15:27	35	0.960	A BB	98.	0.081	UG/L 0.01
70		228	15:9	35	1.002	A VB	234.	0.285	UG/L 0.04
71		228	15:9	35	1.002	A VB	234.	0.281	UG/L 0.04
72		252	15:8	35	0.999	A BB	10.	0.066	UG/L 0.01
73		149	16:19	35	1.018	A BB	883.	0.731	UG/L 0.09
74		264	18:39	74	1.000	A VV	14825.	40.000	UG/L 5.12
75		149	17:16	74	0.933	A BB	257.	0.133	UG/L 0.02
76		252	17:6	74	0.960	A VB	215.	0.285	UG/L 0.04
77		253	18:24	74	0.992	A BB	134.	0.293	UG/L 0.04
78		NOT FOUND							
79		NOT FOUND							
80		NOT FOUND							

NO RET(L) RATIO RT(L) RATIO AMNT AMNT(L) R. FAC R. FAC(L) RATIO

1 9:26 1.00 1.000 1.00 40.00 40.00 1.000 1.000 1.00

005377

REF (L)	RATIO	AMNT	FAC	R. FAC (L)	RATIO
1	1.00	160.00	41.70	0.001	0.00
1	1.00	120.20	50.00	0.000	0.00
1	1.00	0.67	50.00	0.013	0.00
1	1.00	0.06	50.00	0.001	1.114
1	1.00	4.06	50.00	0.064	0.786
1	1.00	0.01	50.00	0.000	0.893
1	1.00	0.04	50.00	0.001	0.877
1	1.00	0.07	50.00	0.001	0.830
1	1.00	0.03	50.00	0.000	0.284
1	1.01	0.09	50.00	0.001	0.418
1	1.00	0.01	50.00	0.000	0.428
1	1.00	0.04	50.00	0.000	0.130
1	1.00	0.26	50.00	0.003	0.658
1	1.00	0.05	50.00	0.001	0.700
1	1.00	0.91	50.00	0.000	0.000
1	1.00	0.03	50.00	0.000	0.220
1	1.00	0.03	50.00	0.000	0.014
1	1.00	0.07	50.00	0.000	0.177
1	1.01	0.01	50.00	0.000	0.000
1	1.00	0.04	50.00	0.000	0.290
1	0.97	0.17	50.00	0.000	0.134
1	1.00	0.06	50.00	0.000	0.324
1	1.00	0.07	50.00	0.001	0.893
1	1.00	0.02	50.00	0.000	0.136
1	1.00	0.46	50.00	0.000	0.169
1	1.00	0.74	50.00	0.001	0.081
1	1.00	0.01	50.00	0.000	0.645
1	1.00	40.00	50.00	1.000	1.000
1	1.00	0.19	50.00	0.000	0.205
1	0.97	3.11	50.00	0.040	0.000
1	1.00	0.01	50.00	0.000	1.172
1	1.00	0.01	50.00	0.000	0.000
1	1.00	0.01	50.00	0.000	1.000
1	1.00	0.05	50.00	0.000	0.262
1	0.97	0.13	50.00	0.000	1.088
1	1.01	0.10	50.00	0.000	0.055
1	1.00	0.00	50.00	0.000	1.372
1	1.00	0.02	50.00	0.000	0.217
1	1.00	0.57	50.00	0.001	0.085
1	1.00	0.20	50.00	0.000	0.028
1	1.00	0.01	50.00	0.000	1.070
1	1.00	0.03	50.00	0.001	0.518
1	1.00	0.03	50.00	1.000	0.040
1	1.00	209.90	41.70	0.567	0.113
1	1.00	40.00	40.00	1.000	1.000
1	1.00	0.05	50.00	0.000	0.078
1	0.97	0.08	50.00	0.000	0.087
1	1.00	0.36	50.00	0.002	0.001

005378

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
58	19:57		0.950			50.00		0.220	
59	20:14		0.963			50.00		0.282	
60	20:44	1.00	0.987	1.00	5.18	50.00	0.014	0.136	0.10
61	21:04	1.00	1.000	1.00	0.20	50.00	0.005	1.161	0.00
62	21:10	1.00	1.000	1.00	0.10	50.00	0.002	0.805	0.00
63	22:00	1.00	1.092	1.00	0.29	50.00	0.008	1.400	0.01
64	24:00	1.00	1.149	1.00	0.08	50.00	0.001	0.958	0.00
65	27:00	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
66	25:10	1.00	0.906	1.00	6.38	50.00	0.403	1.314	0.31
67	24:40	1.00	0.886	1.00	0.16	50.00	0.009	2.724	0.00
68	25:00		0.924			50.00		0.001	
69	26:00	1.00	0.960	1.00	0.08	50.00	0.003	1.779	0.00
70	27:00	1.00	0.949	1.00	0.28	50.00	0.007	1.207	0.01
71	27:00	1.00	1.000	1.00	0.28	50.00	0.007	1.222	0.01
72	28:00	0.49	1.000	1.00	0.07	50.00	0.000	0.202	0.00
73	28:11	1.00	1.015	1.00	0.73	50.00	0.026	1.775	0.01
74	32:11	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
75	30:00	1.00	0.934	1.00	0.13	50.00	0.014	5.212	0.00
76	31:00	1.00	0.957	1.00	0.29	50.00	0.006	2.027	0.00
77	31:00	1.00	0.953	1.00	0.29	100.00	0.007	1.232	0.01
78	37:21		1.160			50.00		1.221	
79	37:00		1.160			50.00		0.939	
80	38:04		1.200			50.00		1.412	

005379

PIC 1 MASS CHROMATOGRAMS

DATA: 9553401A #1

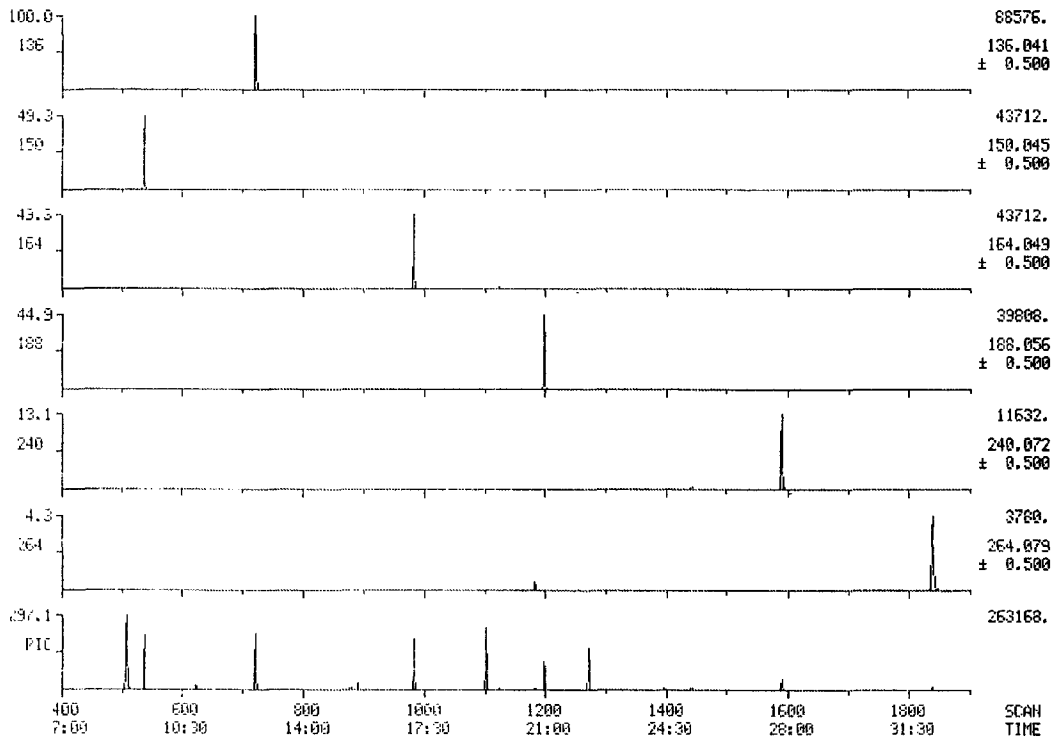
SCANS 400 TO 1900

12/13/84 15:56:00

CALI: FC434 #22

SAMPLE: 1396F-03, LUL OF IRL CONC.: 500ML/ML

RANGE: G 1,1900 LABEL: H 4,10.0 QUAN: A 5, 2.0 BASE: U 30, 4



005380

FIC + INGE CHROMATOGRAMS

12 18 84 19:56:00

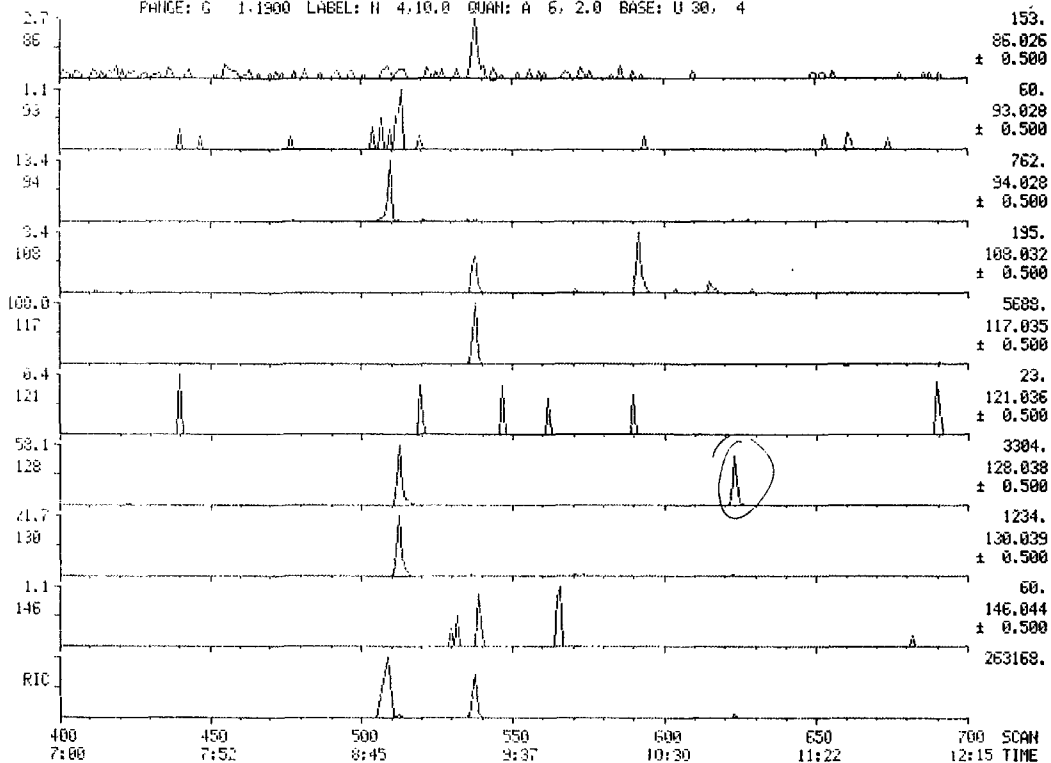
SAMPLE: 1396F-03, IUL OF 1ML CONC., 500ML/ML

PRAGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: S553401A #1

CHLI: FC434 #22

SCANS 400 TO 700



005381

PLOT OF MASS CHROMATOGRAMS

DATA: S593481A #1

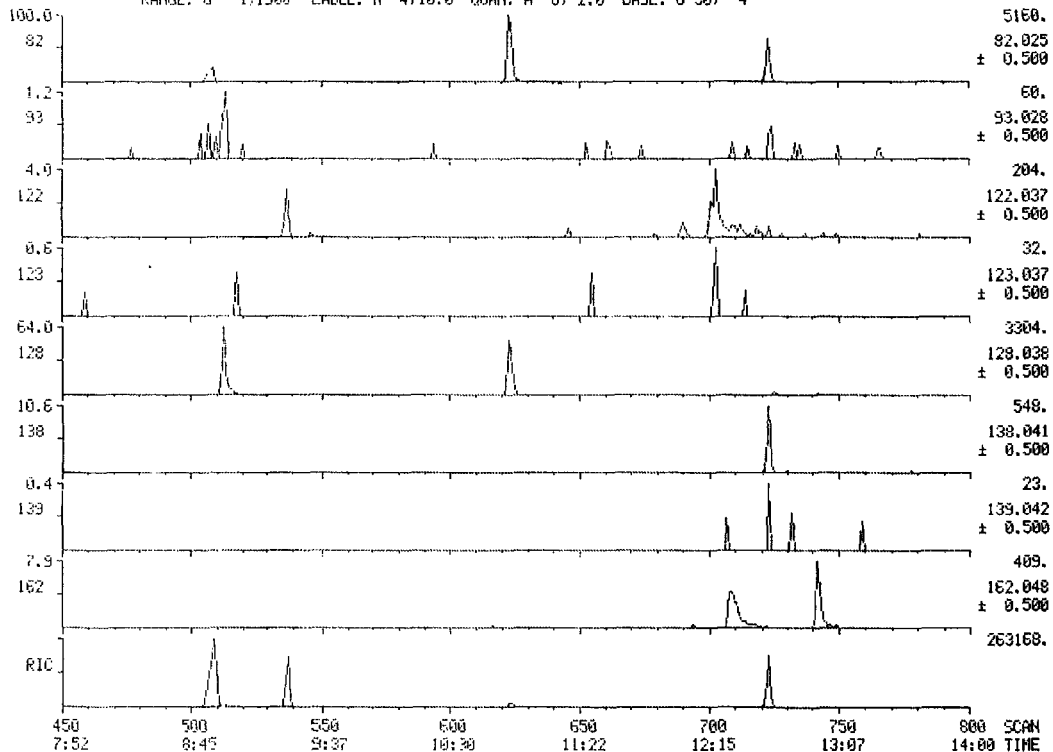
SCANS: 450 TO 800

11/18/84 15:56:00

CALI: FC434 #22

SAMPLE: 1396F-83, 1UL OF INL CONC., 500NL/ML

RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005382

FID FLAMES CHROMATOGRAMS

DATE: 850301A.HI

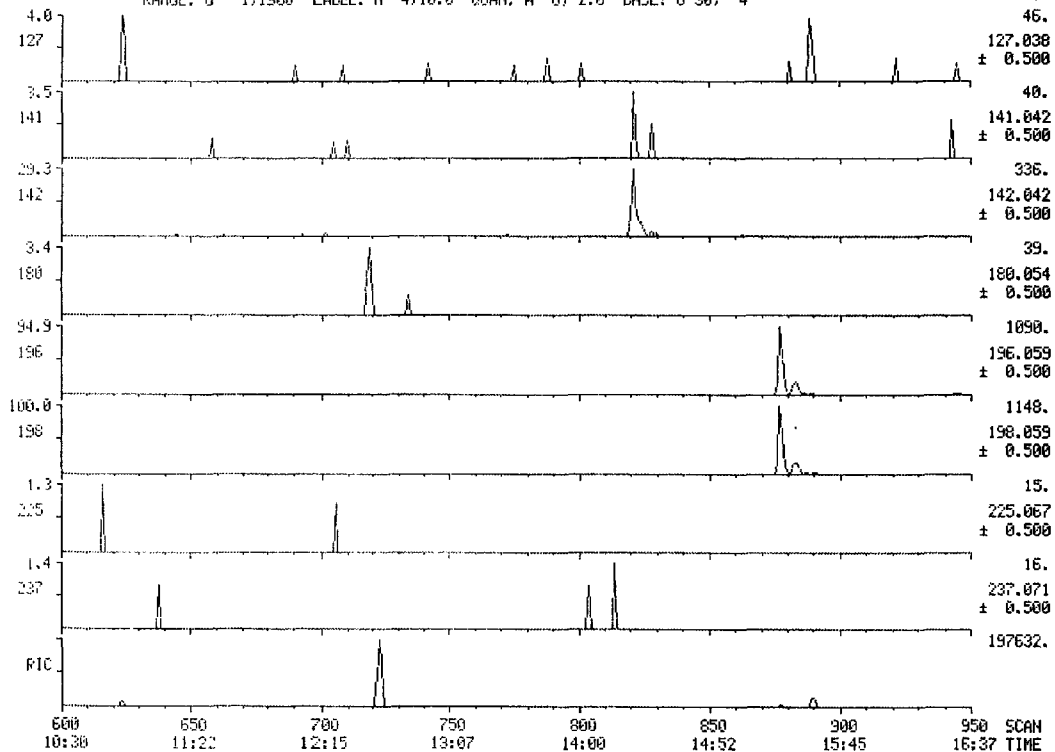
SCANS 600 TO 950

12:18:34 15:56:00

CALI: FC434.B22

SAMPLE: 1396F-09, 1UL OF INL CONC., 500NL/NL

RANGE: C 1,1900 LABEL: N 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005383

PLI F IAGS CHROMATOGRAM

DATA: S553401A #1

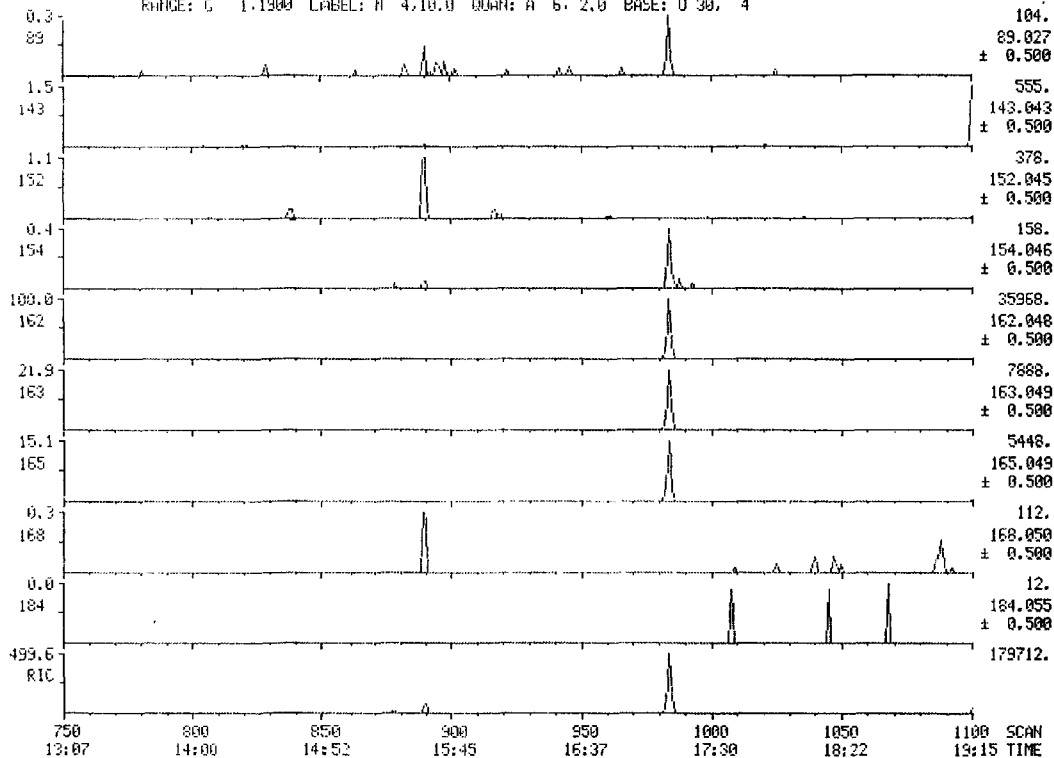
SCANS 750 TO 1100

12 18 84 15:55:00

CAL1: FC434 #22

SAMPLE: 1395F-09. IUL OF INL CONC.: 500ML/NL

RANGE: 0 1.1900 LABEL: H 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4



005384

FIC F-RASS CHROMATOGRAMS

DATA: 5553401A #1

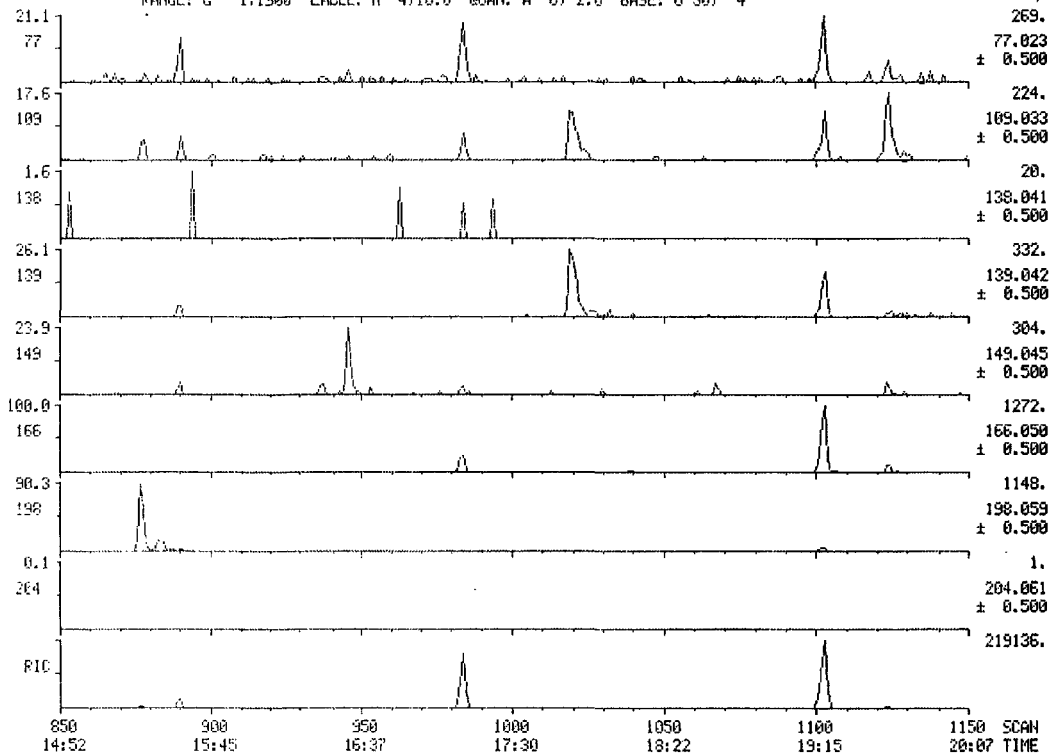
SCANS 850 TO 1150

12:18:34 15:56:00

CALI: FC434 #22

SAMPLE: 1396F-03, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4/10.0 QUAN: A 5, 2.0 BASE: U 30, 4



005385

FTI + MASS CHROMATOGRAMS

DATA: S553401A #1

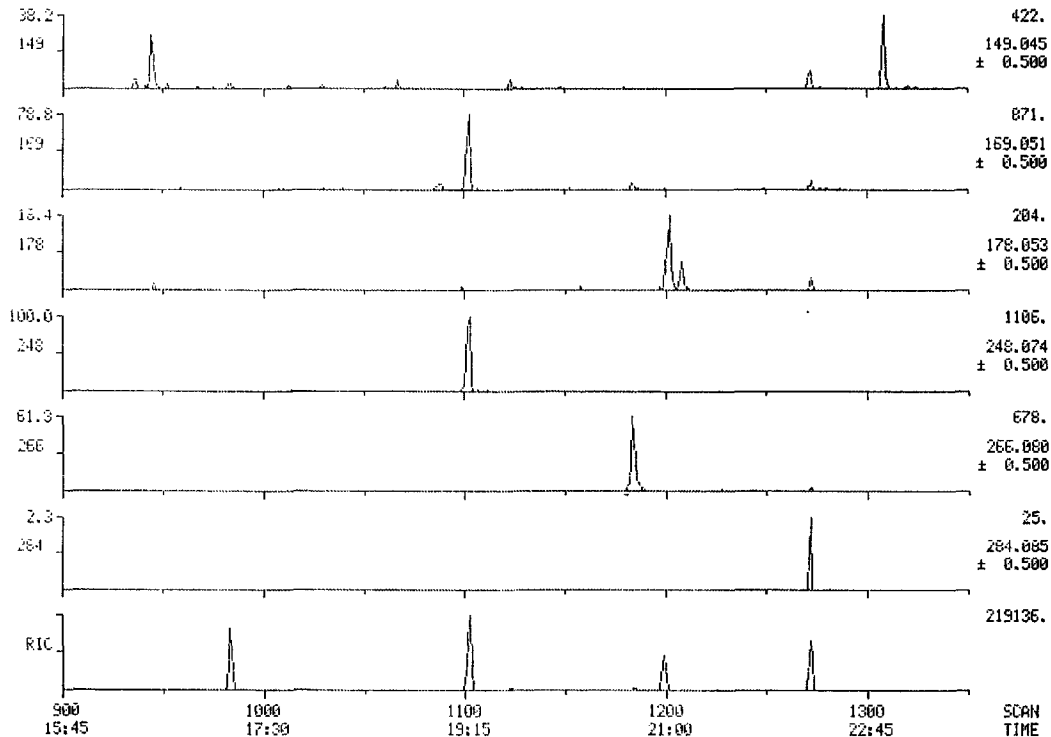
SCANS 900 TO 1350

12-18-84 15:56:00

CAL1: FC434 #22

SAMPLE: 1336F-09, 1UL OF 1ML CONC., 500ML/ML

RANGE: G 1,1900 LABEL: N 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005386

GC-MS CHROMATOGRAMS

DATA: S953401A #1

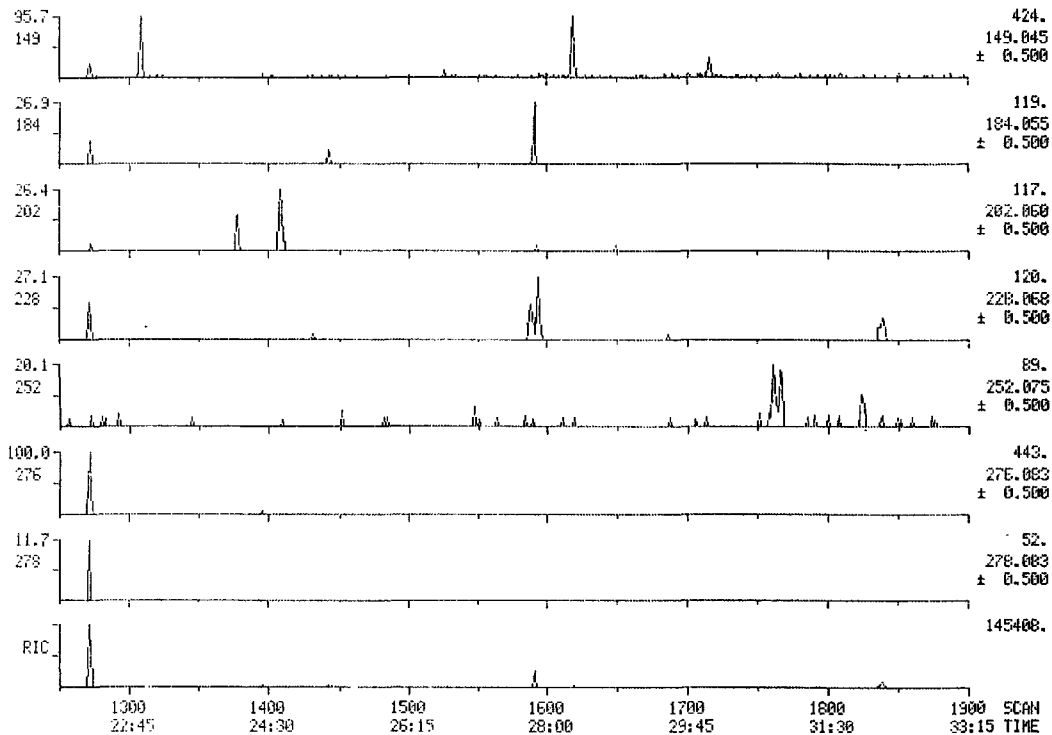
SCANS 1250 TO 1900

12/13/84 10:56:00

CALL: FC434 #22

SAMPLE: 1396F-09, 1UL OF INL CONC., 500ML/ML

RANGE: G 1-1900 LABEL: H 4;10.0 QUAN: A 5, 2.0 BASE: U 30, 4



005387

RIC + MASS CHROMATOGRAMS

Date: 950301a #1

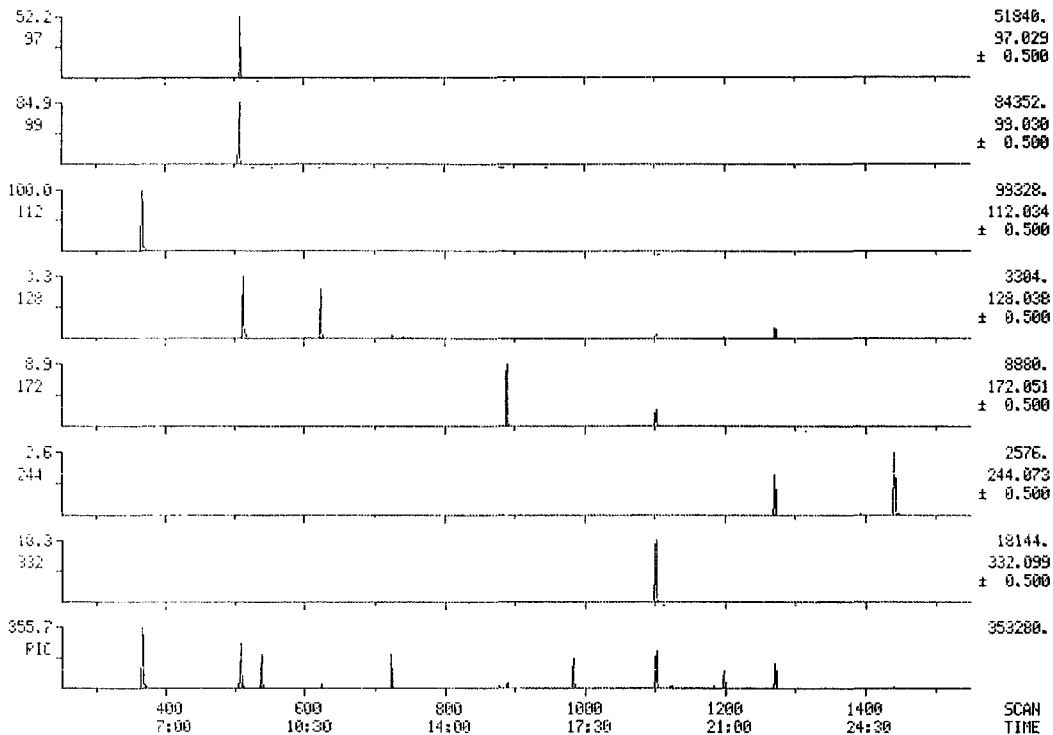
SCANS 250 TO 1550

12:18:34 15:55:08

CALL: F0431 #22

SAMPLE: 1396F-09, 1UL OF 1ML CONC., 500ML ML

RANGE: C 1,1900 LABEL: H 4,10.0 QUAN: A 6, 2.0 BASE: U 30, 4

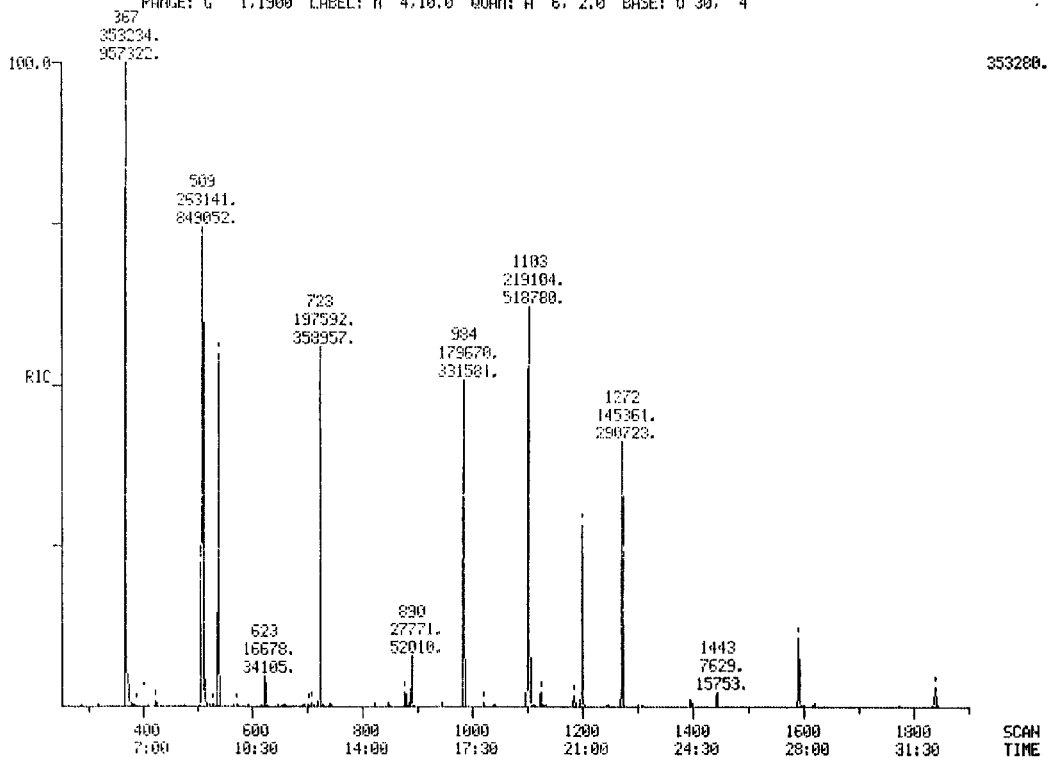


005388

111
12:18:34 10:58:00
SAMPLE: 1396F-09, IUL OF IML CONC., 500ML/ML
RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 5553101A #1
CALI: FC434 #22

SCANS 250 TO 1900

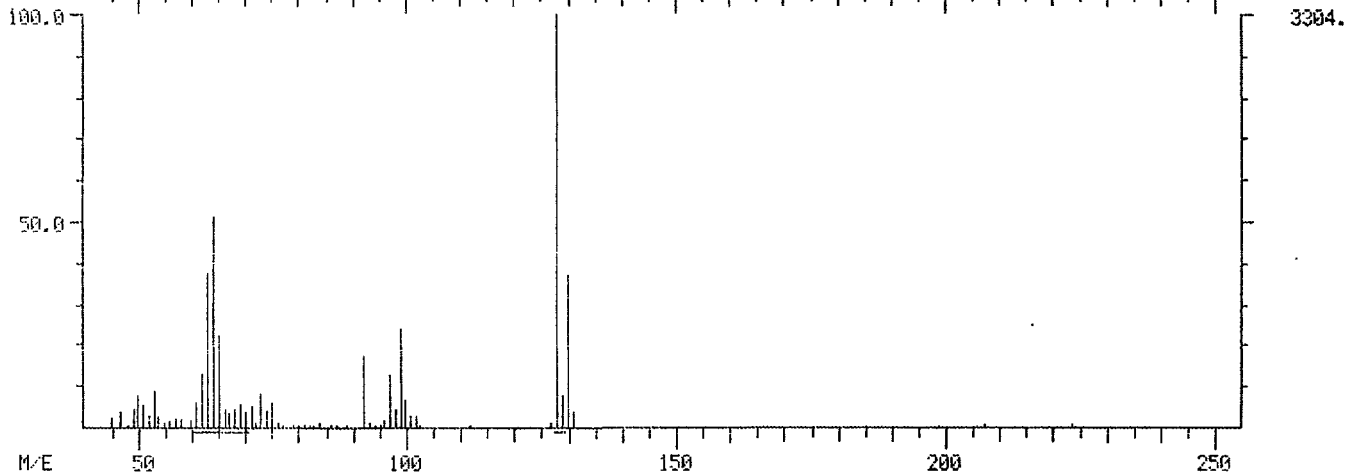
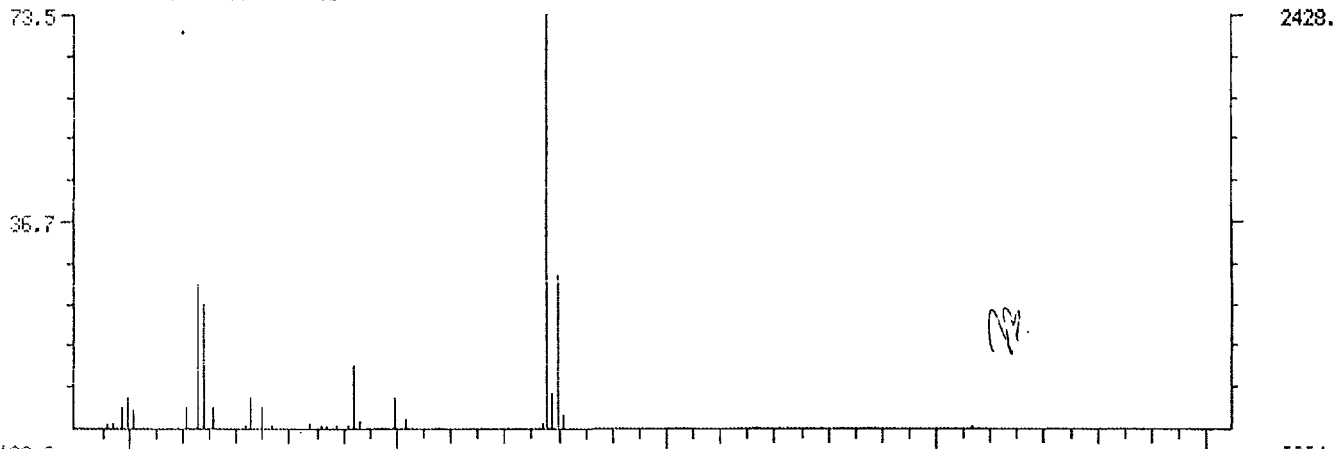


005389

DUAL MASS SPECTRUM
12/18/84 15:56:00 + 8:53
SAMPLE: 1396F-09, 1UL OF 1ML CONC., 500ML/NL
ENHANCED (S 158 2N 0T)

DATA: 5553401A #513
CALI: FC434 #22

BASE M/E: 128/128
RIC: 7053.7 15231.

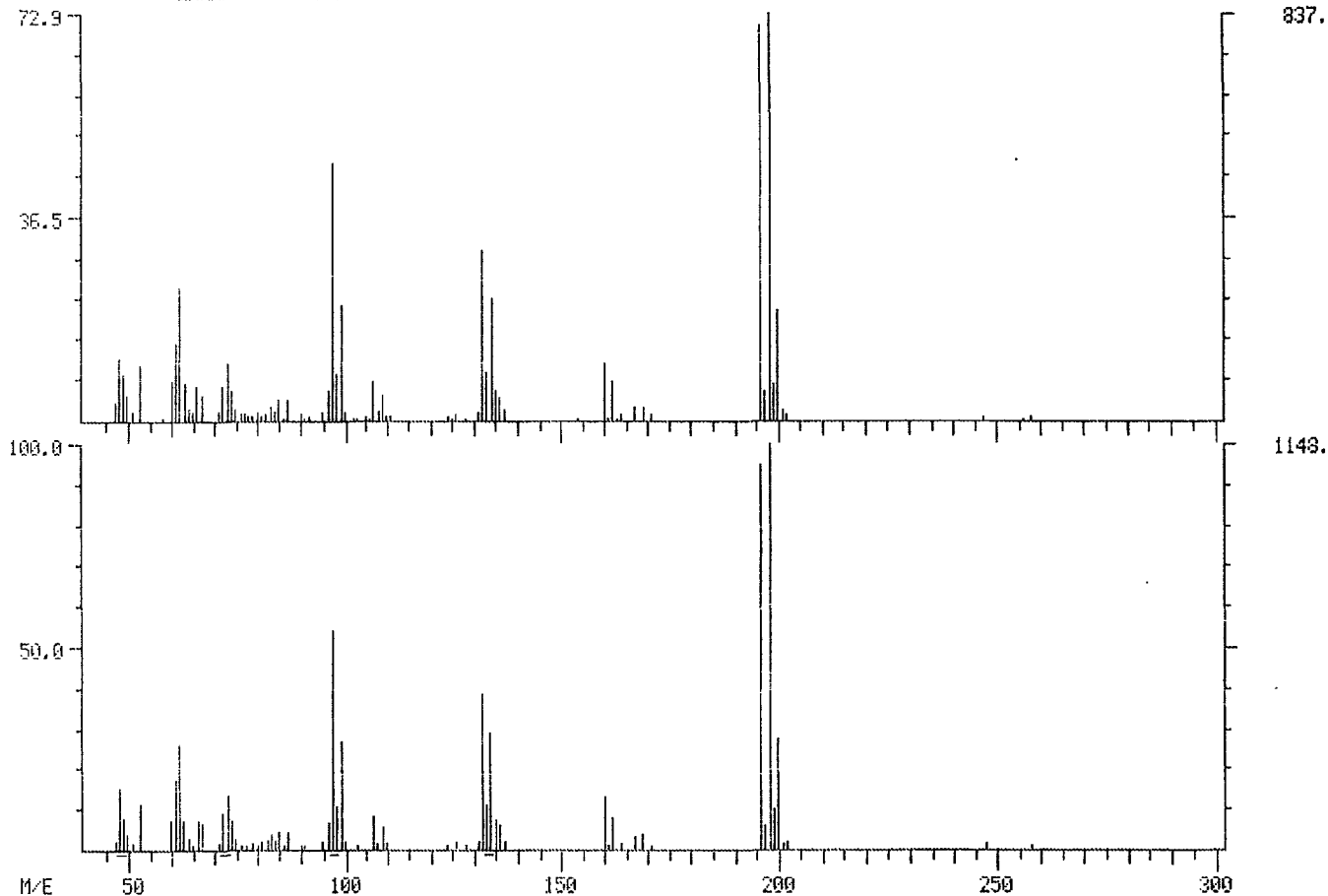


005390

DUAL MASS SPECTRUM
12/13/84 15:56:00 + 15:21
SAMPLE: 1396F-09, 1UL OF 1ML CONC., 500ML/ML
ENHANCED (S 158 2N 0T)

DATA: S553401A #877
CALI: FC434 #22

BASE M/E: 198/198
RIC: 6207./ 7887.

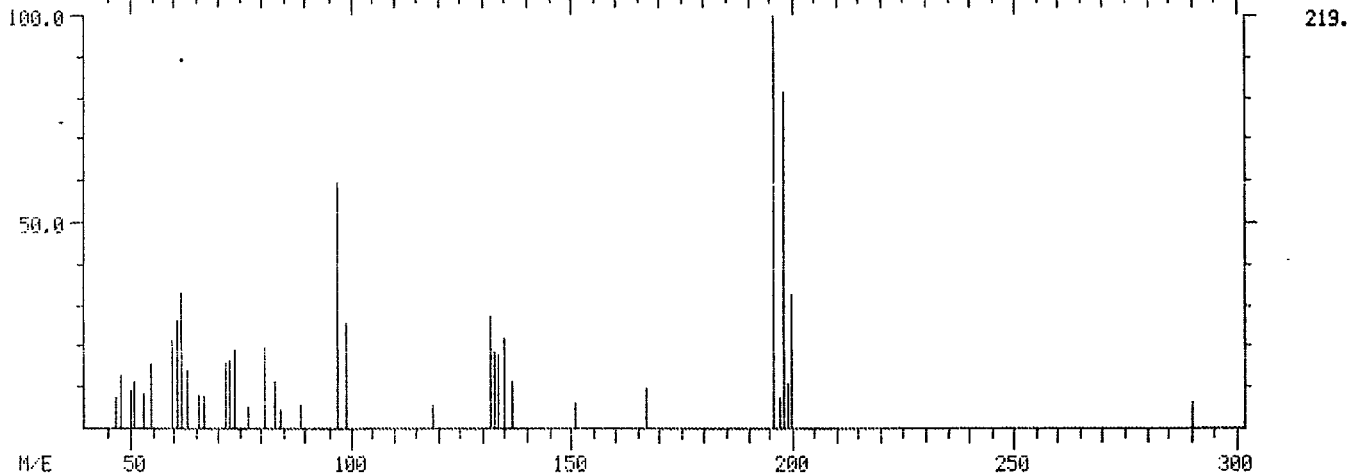
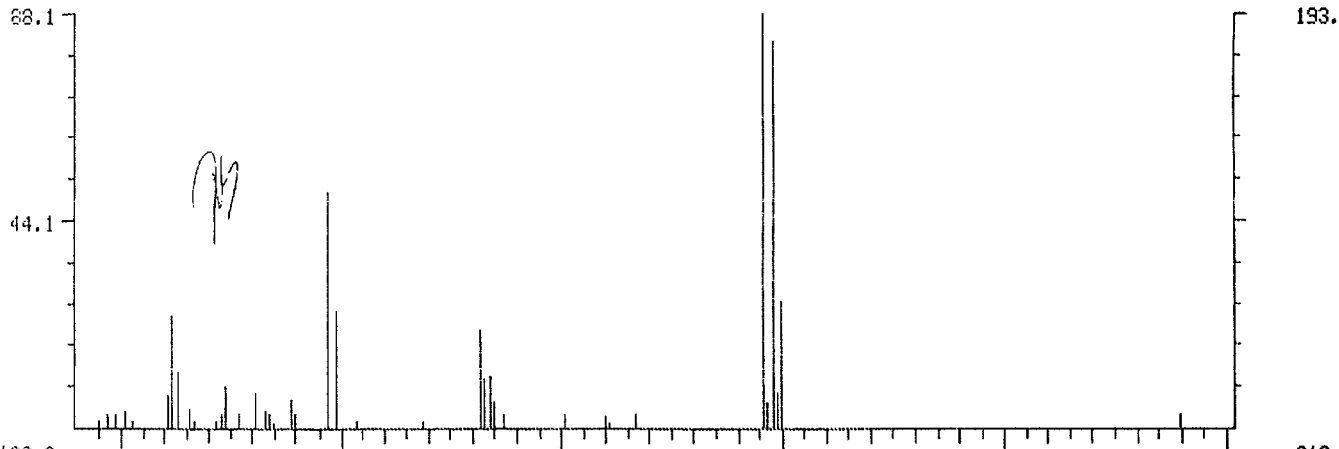


005391

DUAL MASS SPECTRUM
12/18/84 15:56:00 + 15:27
SAMPLE: 1396F-09, 1UL OF 1ML CONC., 500ML/ML
ENHANCED (S 158 2H 0T)

DATA: 5553401A #883
CALI: PC434 #22

BASE M/E: 196/ 196
RIC: 997./ 1569.

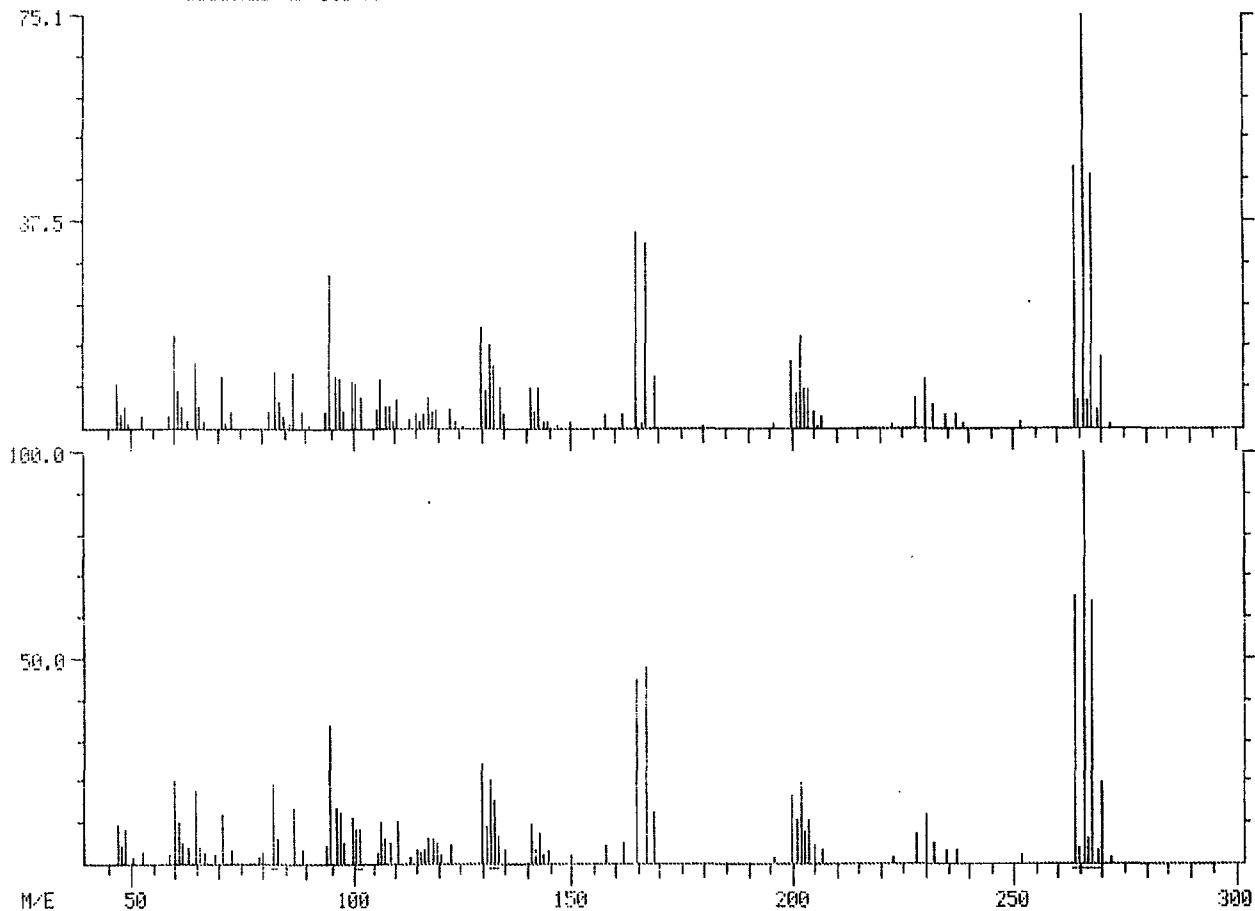


005392

LIQUID MASS SPECTRUM
12/13/84 19:56:00 + 20:45
SAMPLE: 1395F-09, 1UL OF INL CONC., 500ML/NL
ENHANCED (S 158 2N 0T)

DATA: 55534014 #1194
CALI: FC434 #22

BASE M/E: 266/ 266
RIC: 4679.7 6247.



509.

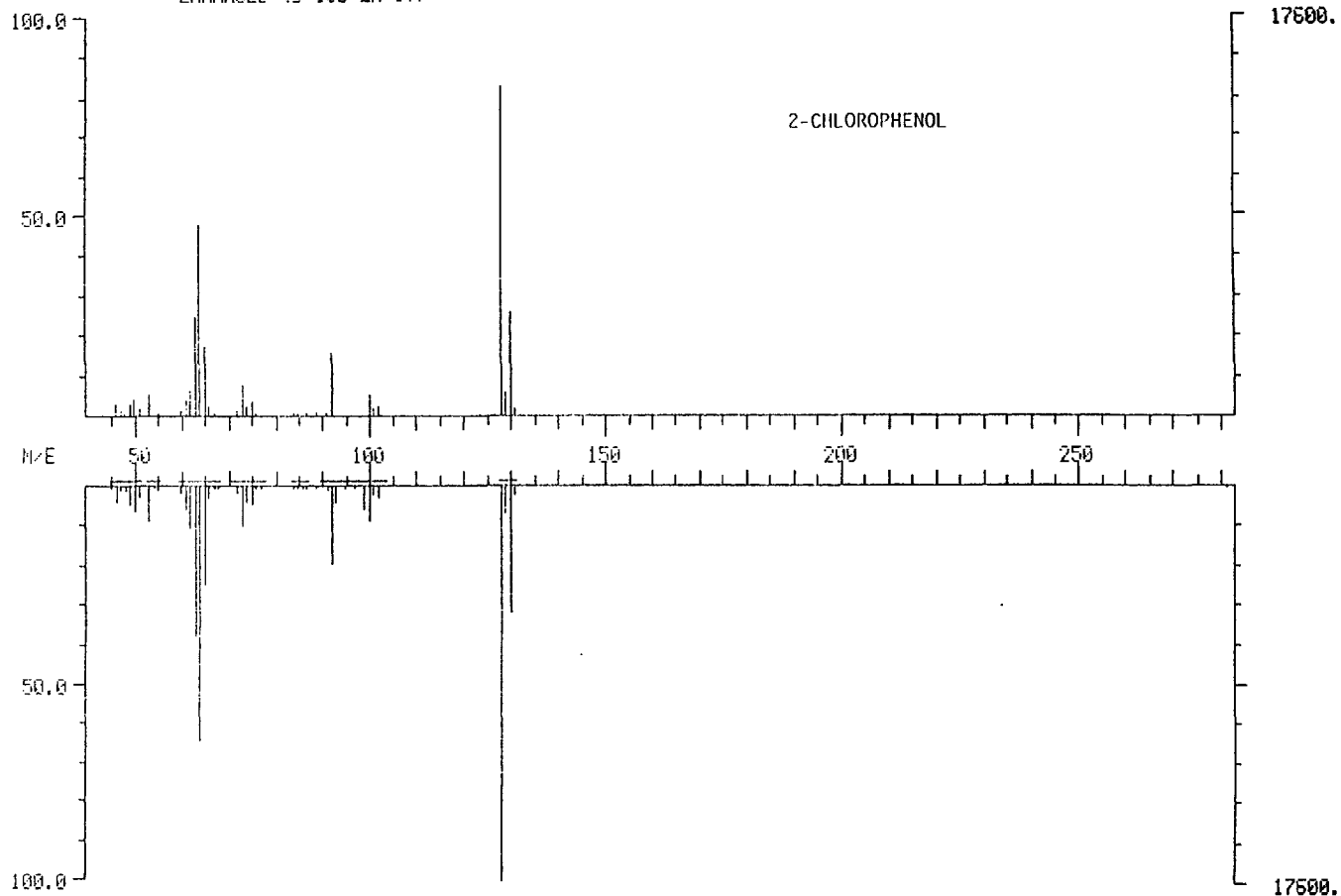
M
678.

005393

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 0:40
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 150 2N 0T)

Data: M0916 #495
CALI: FC43 #15

BASE M/E: 128/ 128
RIC: 49855.7 69375.

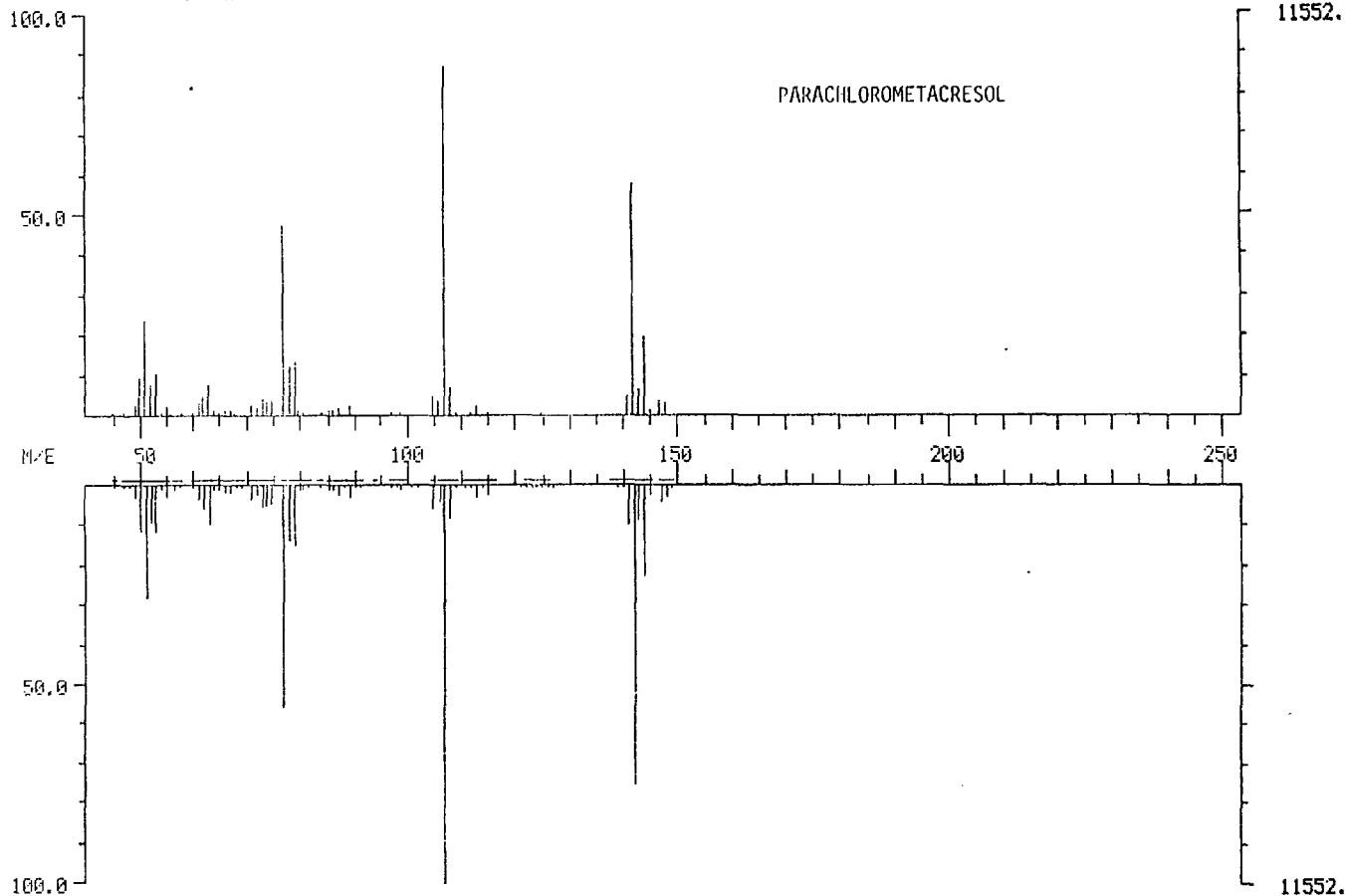


005394

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 14:08
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 150 2N 0T)

DATA: K40916 #808
CALI: FC43 #15

BASE M/E: 107/ 107
RIC: 43967./ 54783.

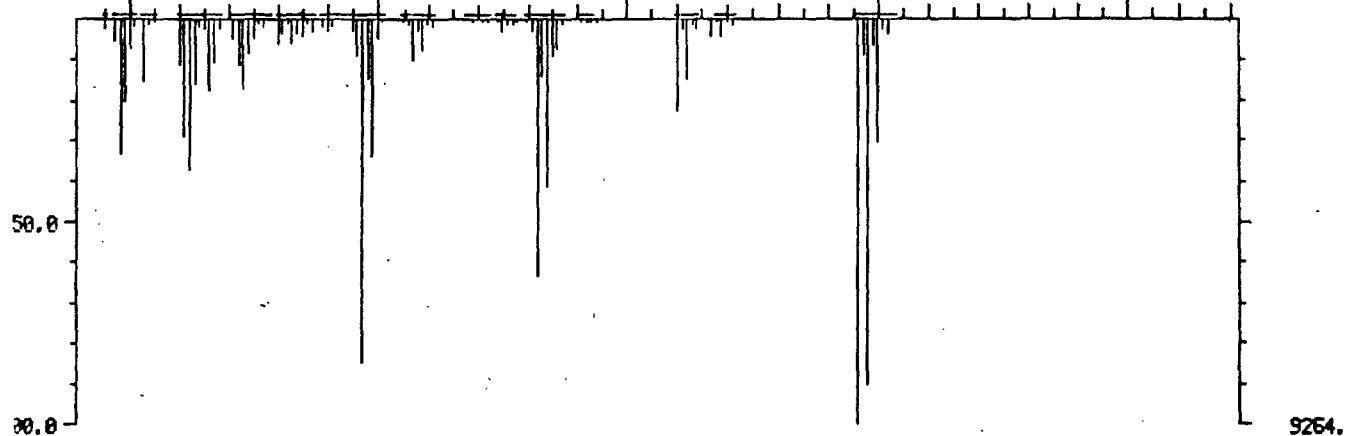
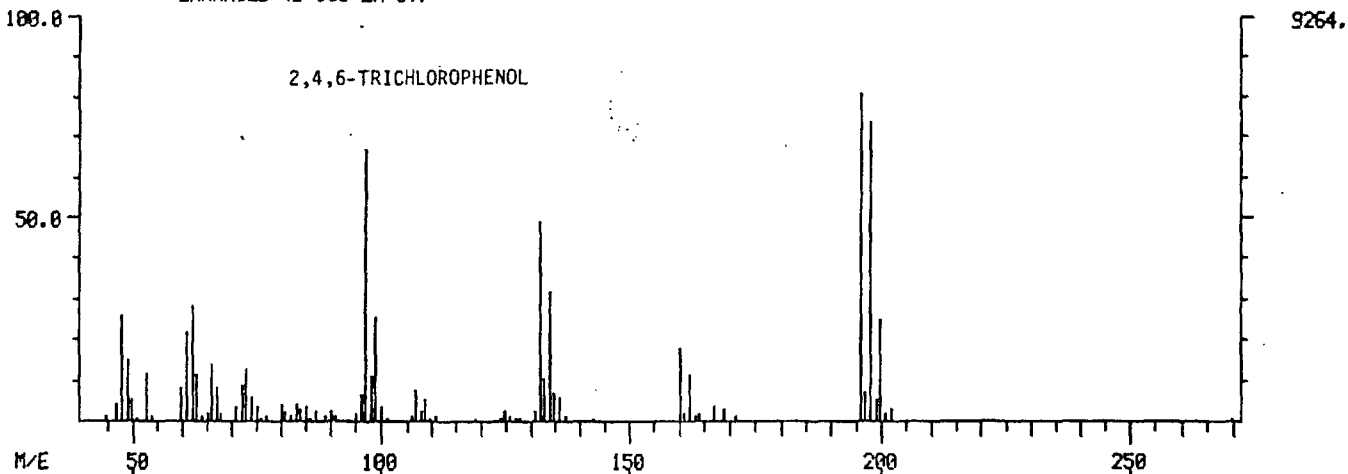


005395

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 14:58
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #855
CALI: FC43 #15

BASE M/E: 196/ 196
RIC: 65279./ 84735.

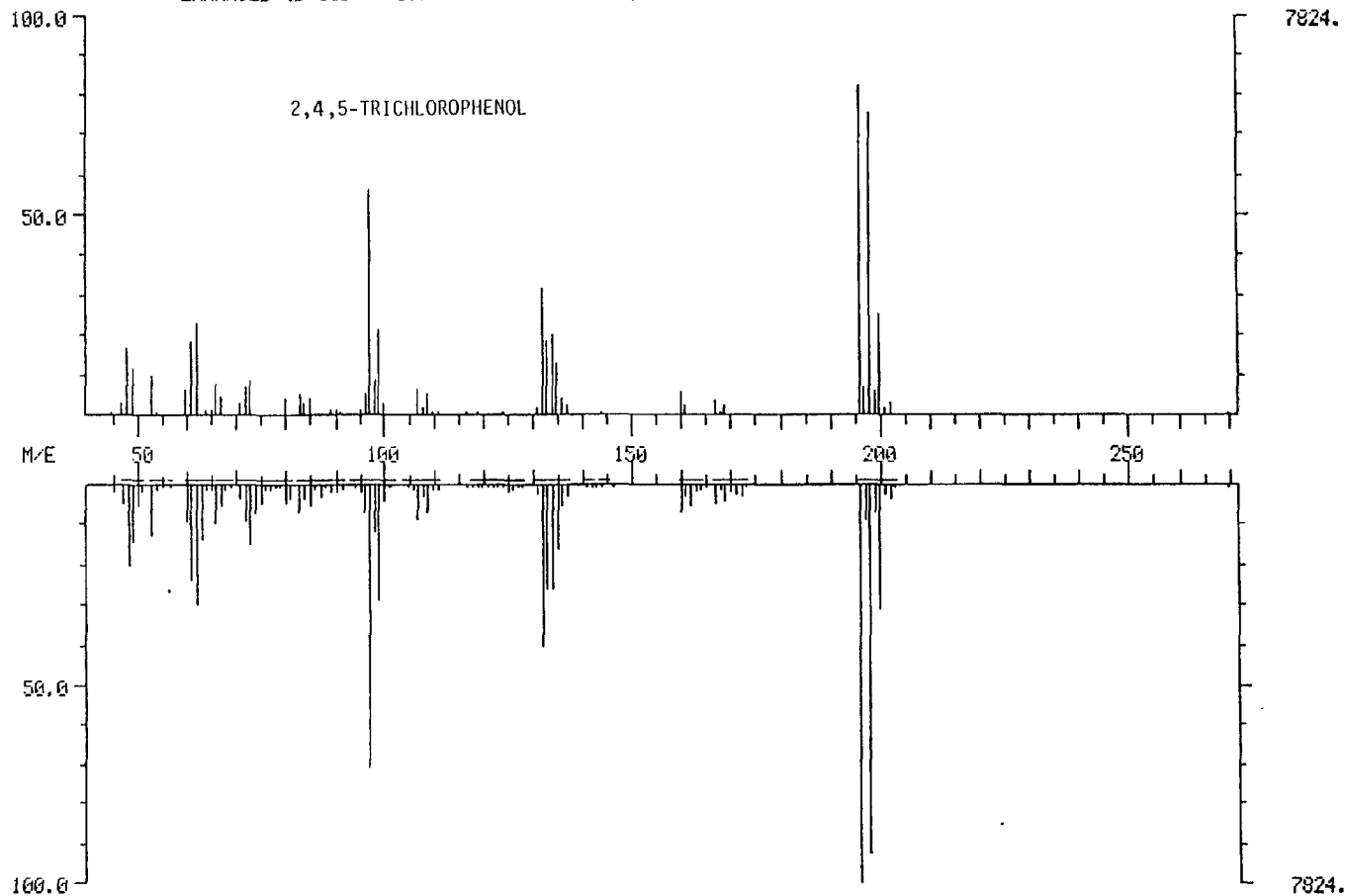


005396

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 15:09
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 15B 2N 0T)

DATA: K40916 #066
CALI: FC43 #15

BASE M/E: 196/ 196
RIC: 43775./ 61951.

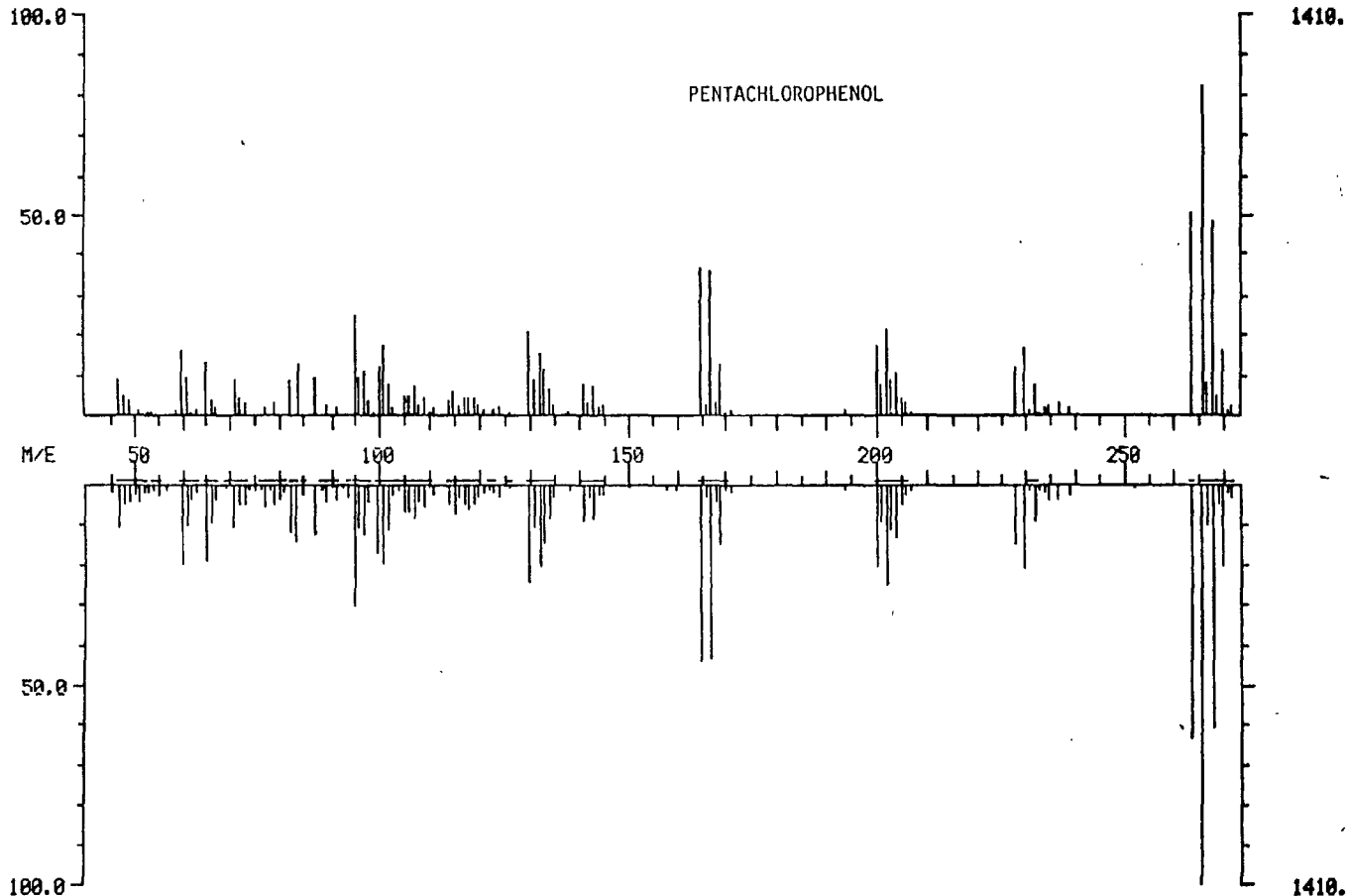


005397

DUAL MASS SPECTRUM
09/16/83 7:05:00 + 20:17
SAMPLE: 50 NG PP/HSL STD
ENHANCED (S 158 2N 0T)

DATA: K40916 #1159
CALI: FC43 #15

BASE M/E: 266/266
RIC: 10943./ 14143.

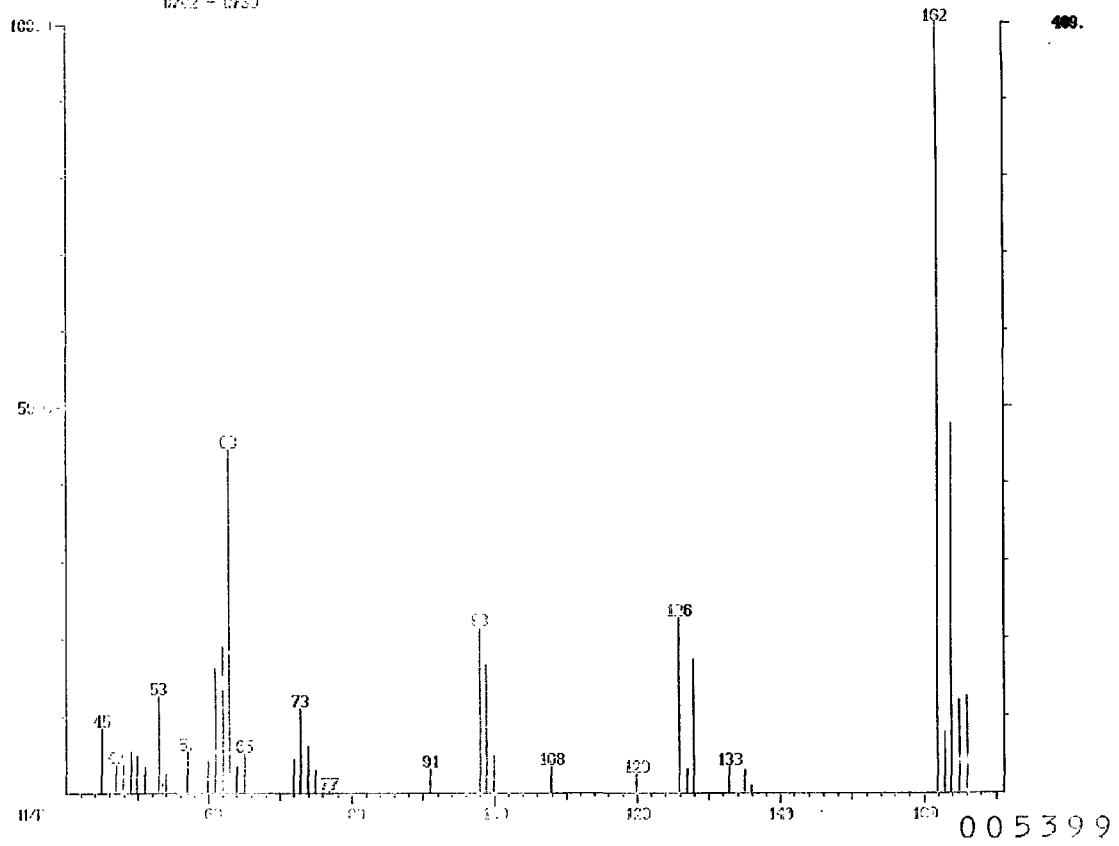


005398

MS: 51 05: 01
12/18/94 15:06:09 + 12:09
SAMPL: 13025-89. MUL OF MUL CONC.. SEC/MIN
0702 - 0730

DATA: S553401A.D742
CALI: FC434.022

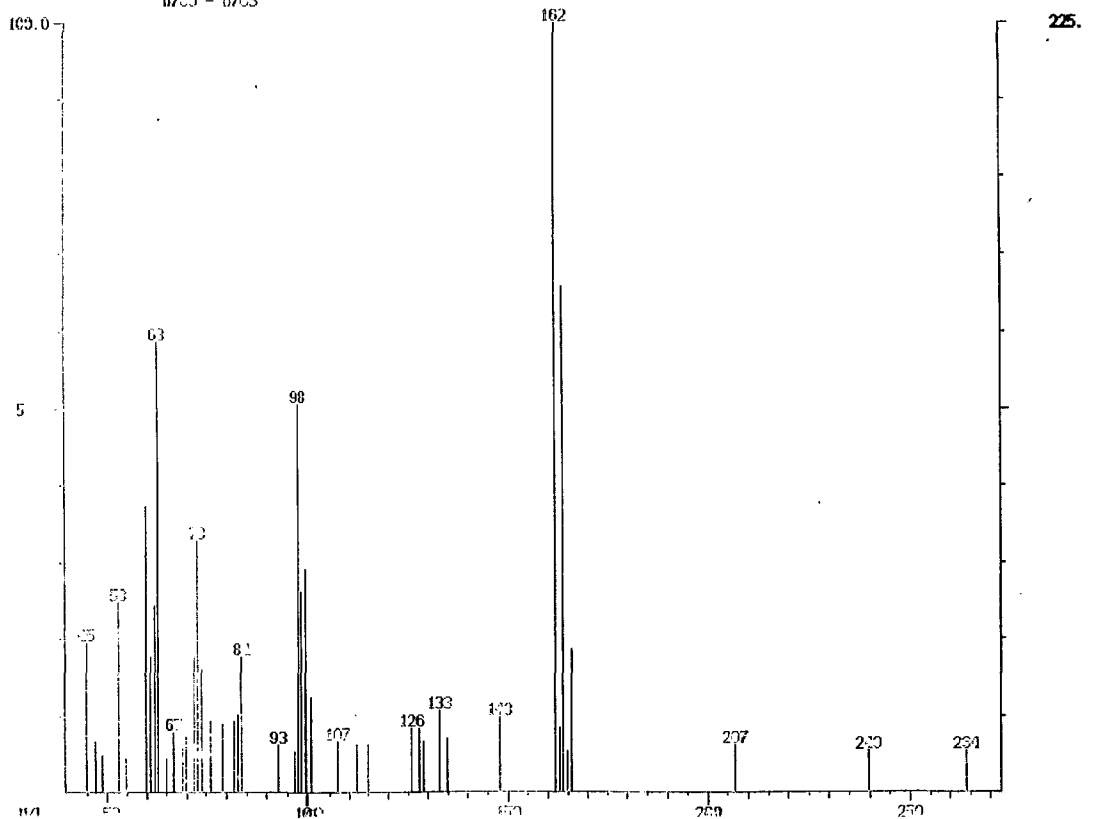
BASE P/W: 162
R/C: 1041.



MASS SPECTRUM
12/14/01 15:56:00 + 12:24
SAMPLE: 15557-09, 1UL OF HIL CONC., 5000.00
0700 - 0705

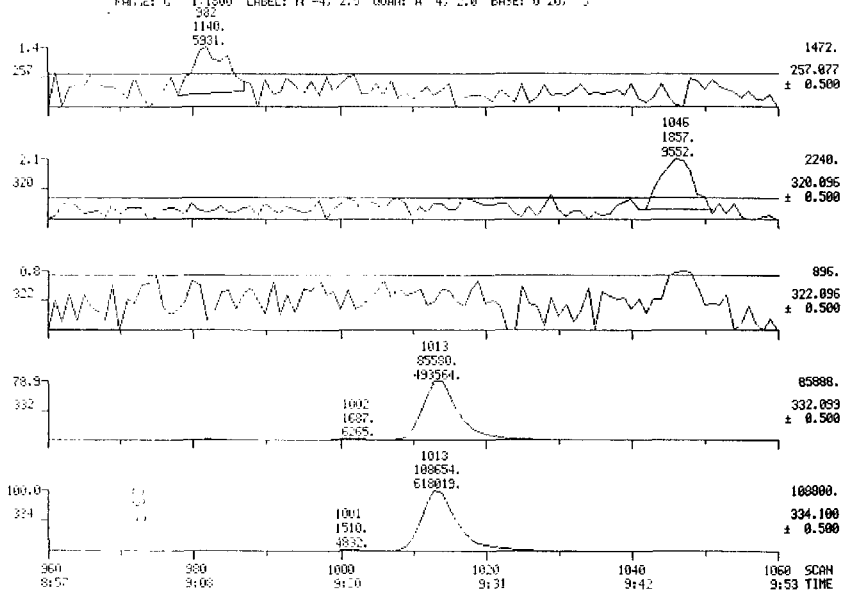
DATA: 0053401A.D700
NAME: FC431.B22

BASE PE: 162
R1C: 1721.



005400

010 0105 016004006401 Date: 885368B #1280 SCAN# 960 TO 1060
 12:11:24 3125100 CALI: F5841211 #14
 SAMPLE: SOL OF 500L CONC., 1396F METHOD: BLANK(5000L) IPB:502
 PARAMETER: 1.1500 LABEL: N -4, 2.5 QUAD: A 4, 2.0 Base: U 20, 5



005401

110 INCS CHROMATOGRAMS

DATA: S5536MB #1200

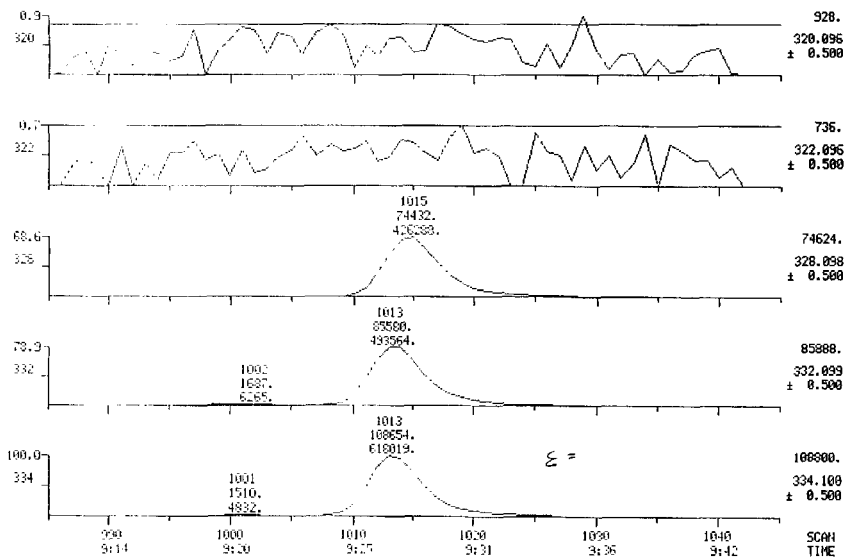
SCANS 985 TO 1045

12/11/84 9:35:00

UNIT: F5641211 #14

SAMPLE: 20L OF 50ML CONC... 1296F METHOD BLANK:500ML; 1FB:50Z

SMILE: G 1:1.00 LABEL: H =4; 2.5 @MIN: H 4; 2.0 @MAX: U 20; 5



005402

STD MASS CHROMATOGRAMS

12-11-84 9:35:08

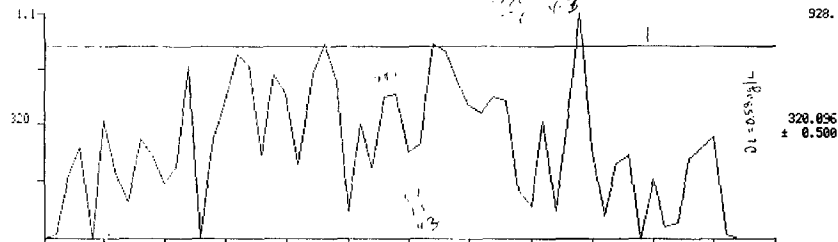
DATE: 555381B #1200

CALL: F5841211 #14

SCANS 985 TO 1045

SAMPLE: 2ML OF SOIL CONC. 150CF METHOD BLANK(500ML) IFC-502

INLET: 6 1.1200 LHEEL: 11-4 2.5 (WHI: A 4) 2.0 BAGE: 0 20. 5



005403

HID INDEX CHROMATOGRAM

DATE: 855368B #1200

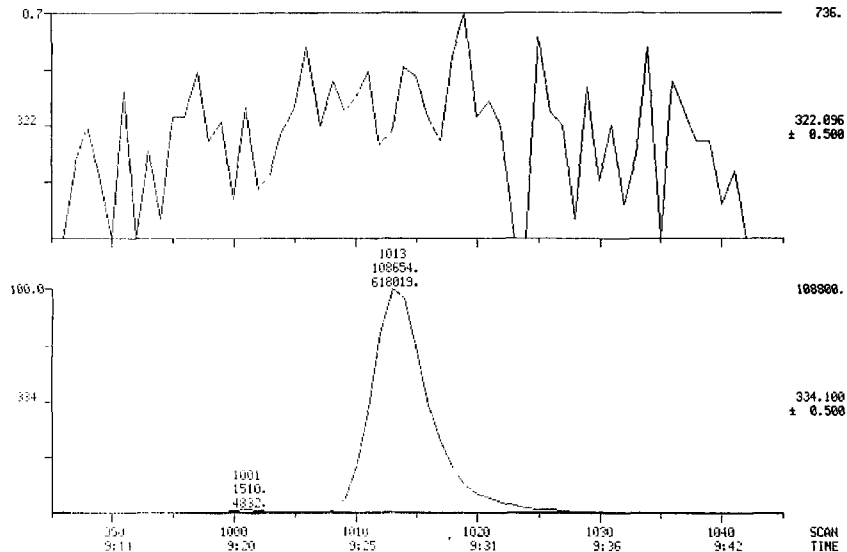
SCANS: 985 TO 1045

12/11/84 9:25:00

CALI: F5841211 #14

SAMPLE: 2UL OF SOUL CONC. - 1396F NETINO BLANK/500ML + 1FB-502

RANGE: G 1.1200 LUREL: W -4. 2.5 14940; W 4. 2.0 BASE: U 20. 5



005404

HID INES CHROMATOGRAMS

DATA: 55536 #1200

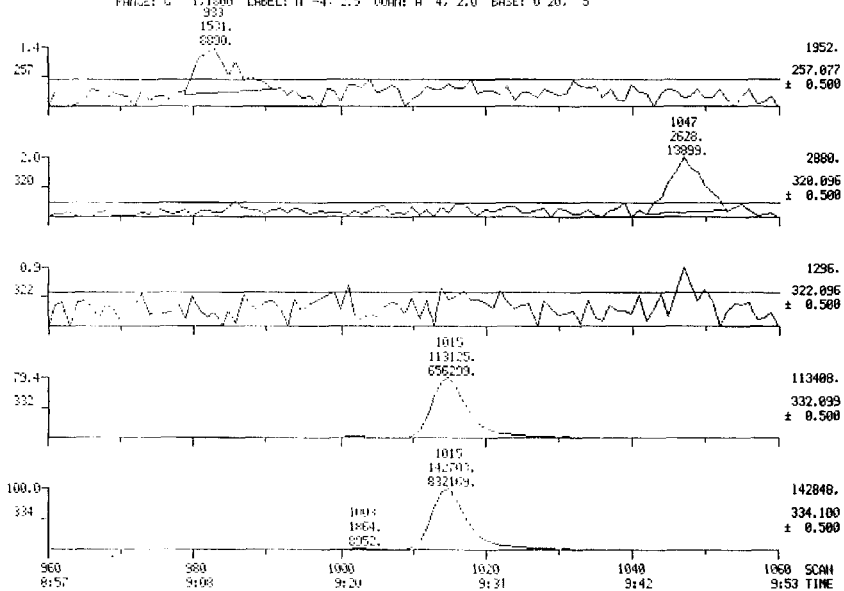
SCANS 950 TO 1060

12/11/84 10:00:00

CAL1: F5841211 #14

SAMPLE: 2UL OF SOUL CONC. 1346F-02(500ML) IFB:502

INJUL: C 1.1800 LABEL: U -4, 2.5 (UNN: A 4, 2.0 BASE: U 20, 5



005405

HID MASS CHROMATOGRAMS

12-11-84 10:00:00

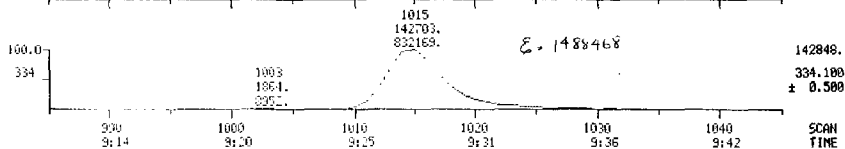
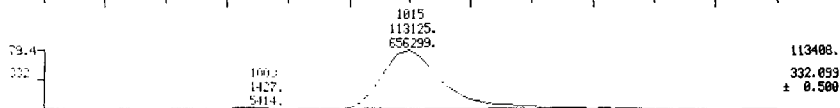
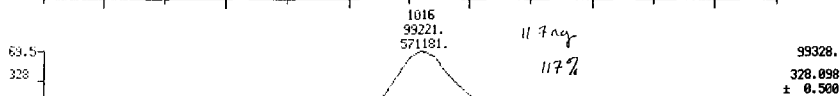
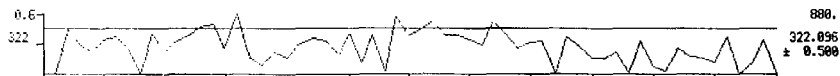
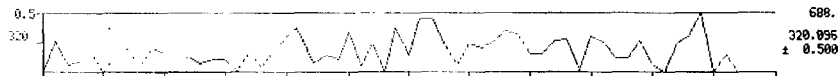
SMILE: CUL OF SOUL COND.: 133WF-02 500MLY IPB-503

FRAGE: G L:1200 LABEL: H -4: 2.5 000R: H 4: 2.0 ENGE: H 20: 5

Date: 55536 #1200

CALL: F5841211 #14

SCANS 985 TO 1045



005406

HTO MASS CHROMATOGRAMS

DATE: 55536 #1200

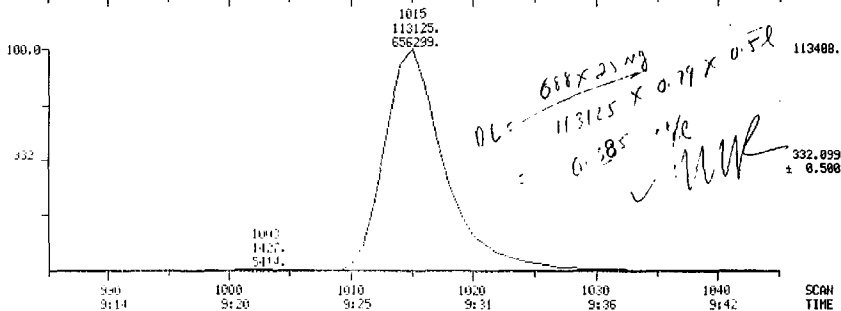
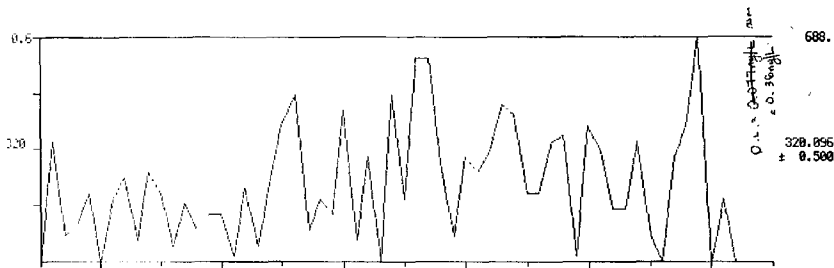
SCANS 965 TO 1045

12-11-84 10:00:00

CAL: F5841211 #14

SAMPLE: 2UL OF 50UL CONC., 1396F-02(500ML) IFD,5BZ

PULSE: G, 1,1200 LABEL: 11-4, 2.5 OURN: A 4, 2.0 BxSE: U 20, 5



005407

IID Desc: CHROMATOGRAMS

Date: 55536 #1200

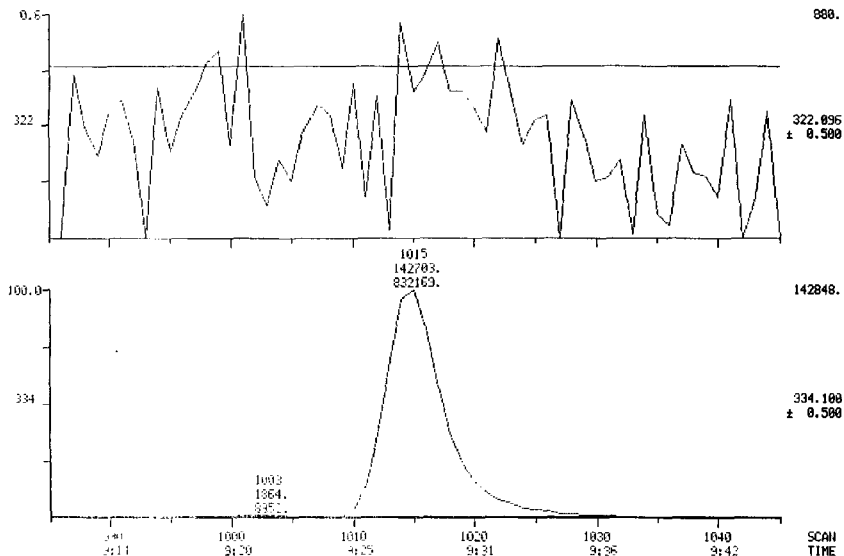
SCANS 985 TO 1045

12-11-84 10:00:00

ChLI: F5841211 #14

SAMPLE: 2UL OF 500L CONC. 1396F-02(500ML) JFB:502

FWHGE: G 1.1200 LABEL: H -4, 2.5 OADR: R 4, 2.0 BASE: U 20, 5



005408

110 INGS CHROMATOGRAMS

12-11-84 10:35:00

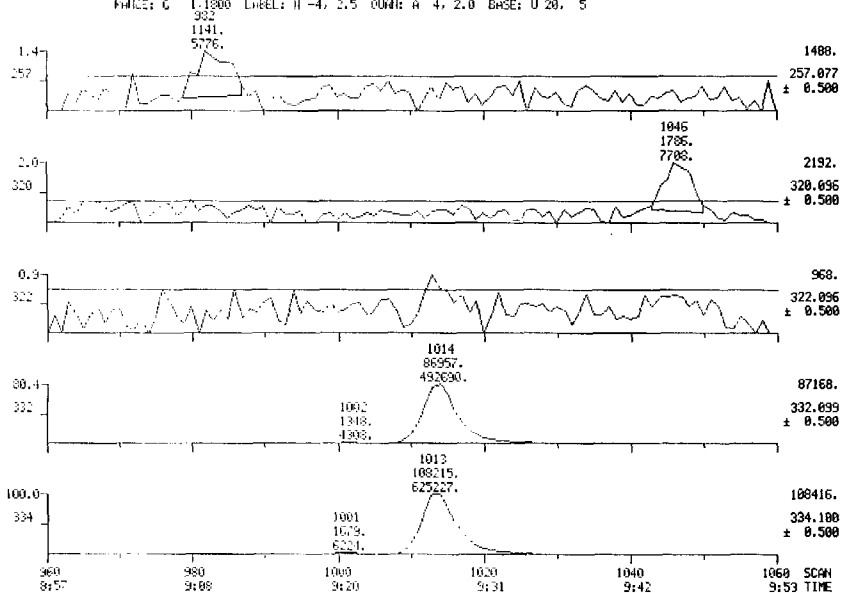
SAMPLE: 30L OF 500L CONC., 139CF-02(475HLD) IF6.50C

FRACE: C L-1800 LABEL: H-4; 2.5 OADR: A 4; 2.0 BASE: U 20; 5

DATA: S55360 #1200

CALI: F5841211 #14

SCAN# 960 TO 1060



005409

HID INSD CHROMATOGRAM

DATA: 555360 #1200

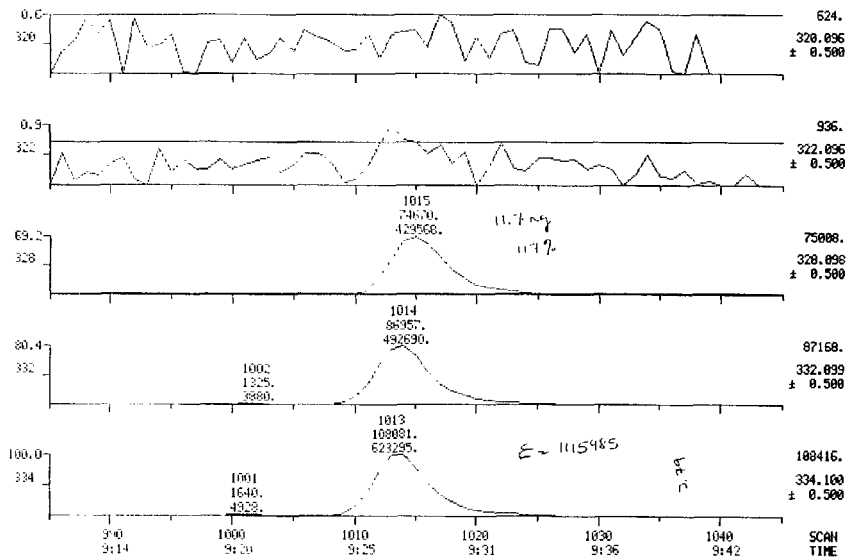
SCANS 985 TO 1045

11-11-84 10:35:00

CALL: F5841211 #14

SAMPLE: SOL OF 500L CONC.: 133CF-02-475HL) IFB-50R

RANGE: G 1.1200 LABEL: II-4- 2.5 QUANT: A 4; 2.0 BASE: U 20; 5



005410

HID HXSS CHROMATOGRAMS

DATE: 55360 #1200

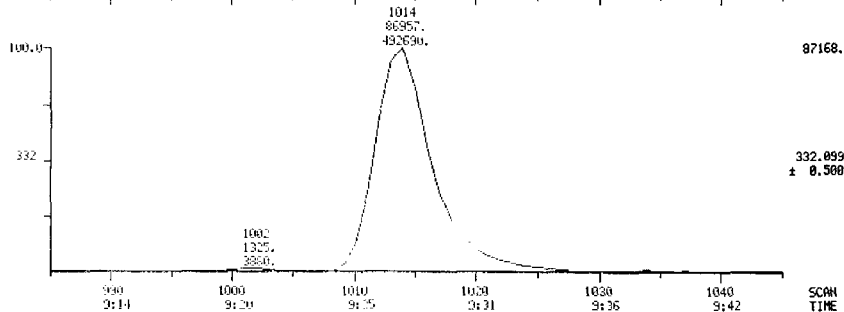
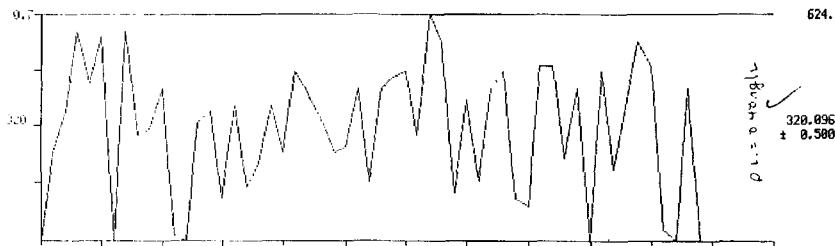
SCANS 385 TO 1045

12/11/84 10:35:00

CALI: F5841211 #14

SAMPLE: CUL OF SOUL COINC. 1386F-02(475NL) IFS-502

INJECT: G 1.1200 LABEL: H -4. 2.5 P/NAL: H 4. 2.0 BtGE: U 20. 5



005411

THREE LINES CHROMATOGRAMS

12/11/84 10435100

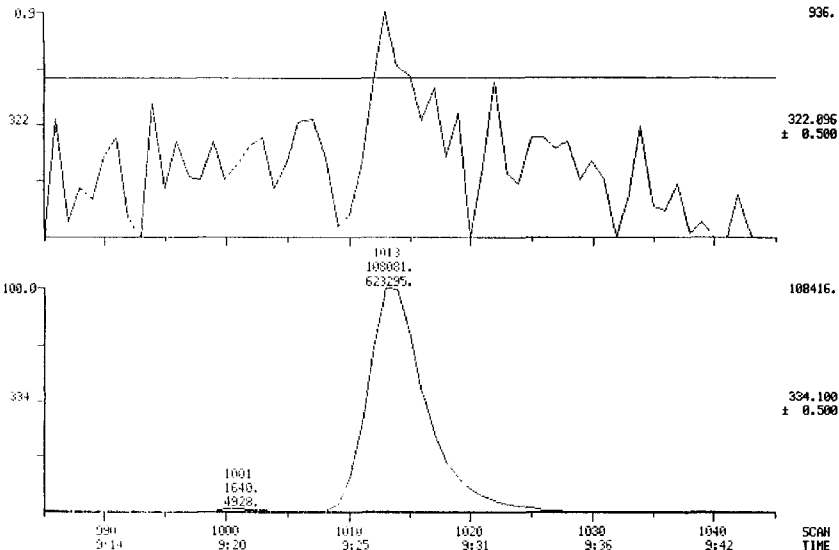
SAMPLE: COL OF SOUL CONC.: 1.396F-02-175ML) IFB-502

PAK: 6 1-1.00 LABEL: II -4, 2.5 BURN: A 4, 2.0 BASE: U 20, 5

DATA: 555860 #1200

CAL1: F5841211 #14

SCANS 985 TO 1045



005412

MID MASS CHROMATOGRAMS

DWTR: S5537 #1200

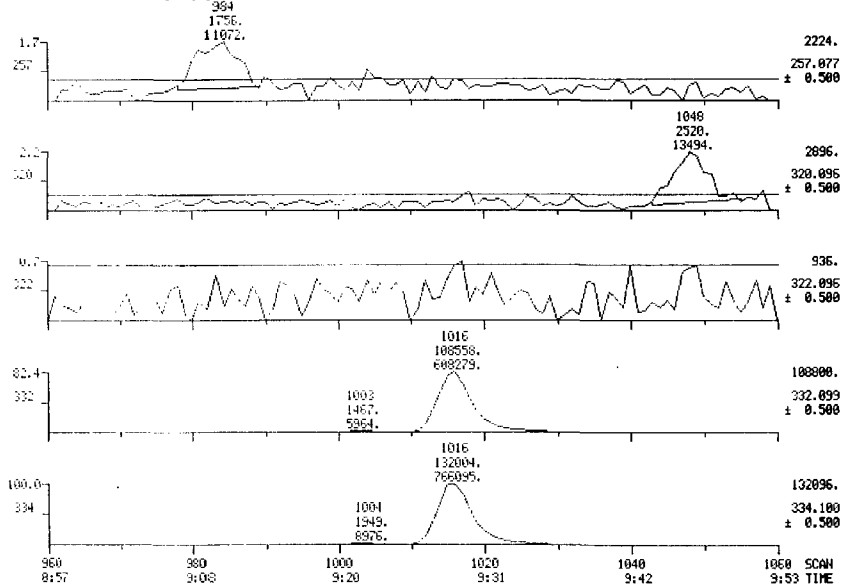
SCAN# 960 TO 1060

12/11/84 11:18:00

CALL: F5941Z11 #14

SAMPLE: 20L OF 500L CONC. 1396F-04 500ML * 1FB-507

RANGE: G 1-1300 LABEL: H -4; 2.5 UNIT: H 4; 2.0 ENGE: U 20; 5



005413

OLD LINE C600M106PMS

12-11-84 11:18:00

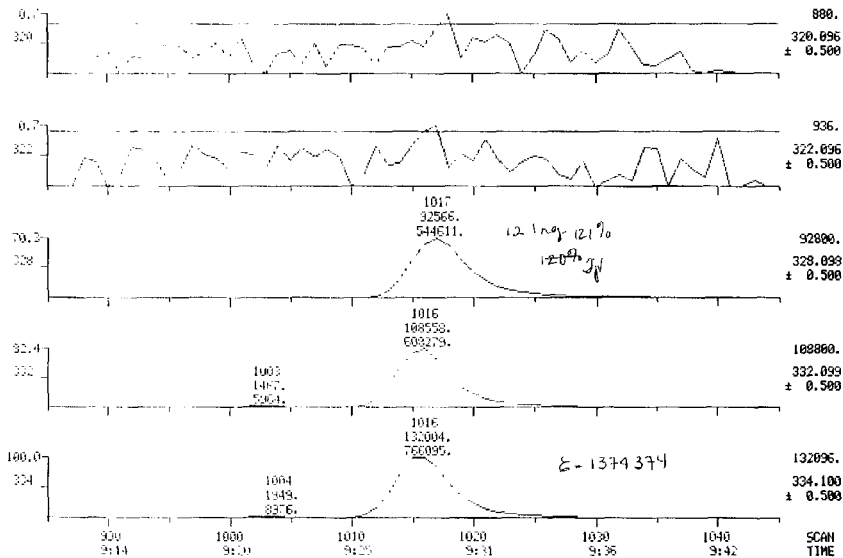
SAMPLE VOL OF SQUID COIL - 1.36F-04-500ML - IFR-50C

FLOW: G 1-1200 LRECL: H 4- 2.5 QUADR: R 4- 2.0 PHSE: U 20- 5

DATE: 55537 #1200

CALL: F5841211 #14

SCANS 985 TO 1045



005414

THE INDEX CHROMATOGRAMS

12-11-54 11:18:00

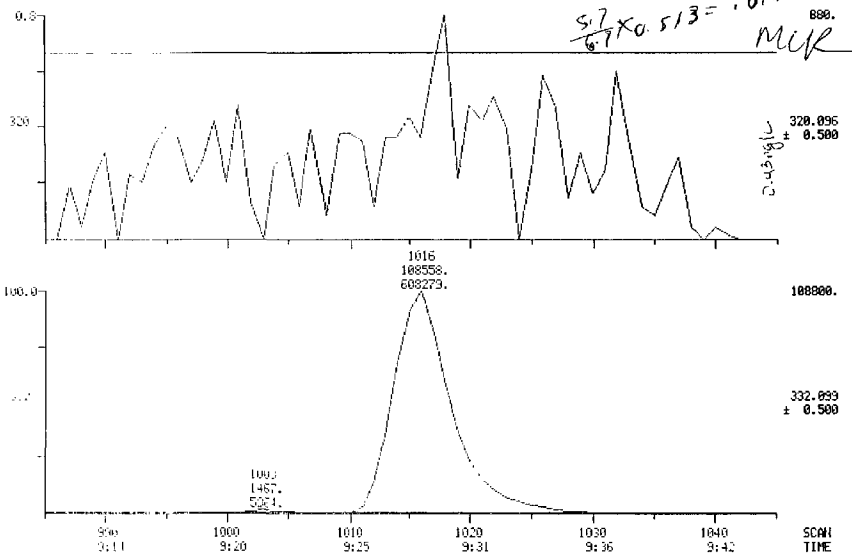
SAMPLE: 20L OF 500L CONC. - 1336F-04-SUMMI - 1FB-SAC

INJECT: G 1-1.200 LABEL: H-4- 2.5 INJECT: H 4- 2.0 BASE: U 20. 5

DATE: 55537 41200

CALC: F5841211 814

SCANS: 995 TO 1045



005415

HD PMS CHROMTOURMS

DATA: 5557 #1200

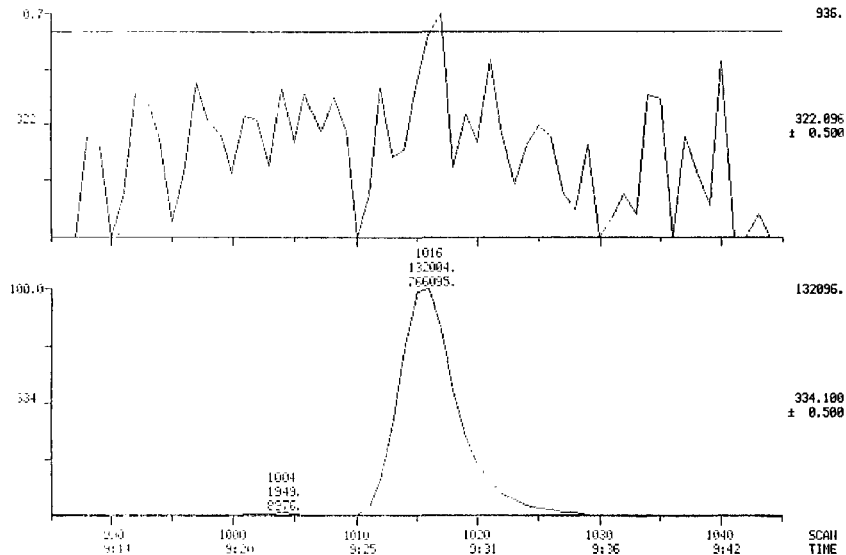
SCANS 985 TO 1045

12-11-84 11:18:00

CALL: F5841211 #14

SAMPLE: 2UL OF 500L (CONC.: 1.396F-04-5000L) IFB-502

PAUSE: G 1.1200 LABEL: H -4: 2.5 COUNT: H 4: 2.0 ERSE: U 20, 5



005416

STD MASS CHROMATOGRAM

12/11/84 11:47:00

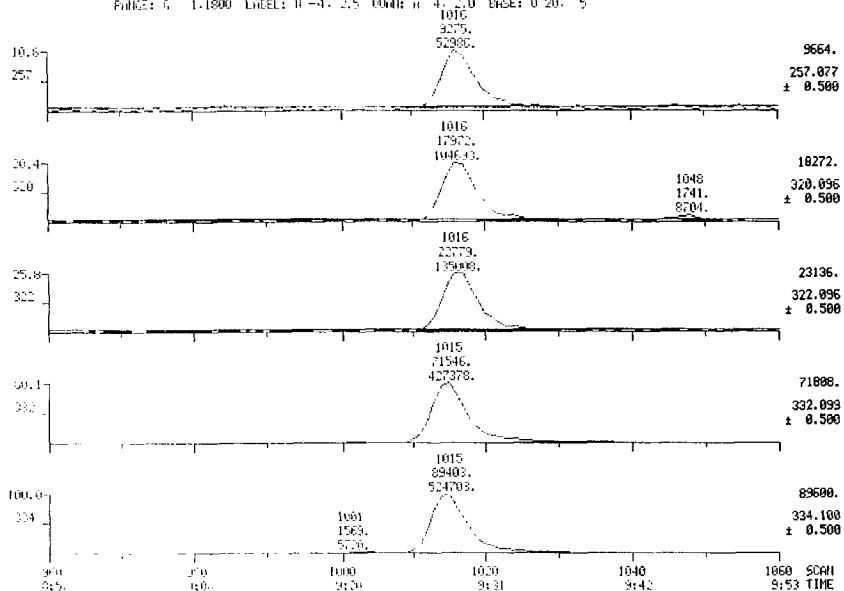
SAMPLE: OIL OF SAFFRON (1390F-09-400L) IFC 50% INTIME SPIRE

RANGE: 6 1.1800 LEVEL: 0-4 2.5 0048 n 4 7.0 BASE: 0 20 5

DATE: 5953715 #1200

CALL: F5841211 #14

SCAN# 960 TO 1060



005417

STD MASS CHROMATOGRAMS

12 11 84 11:47:00

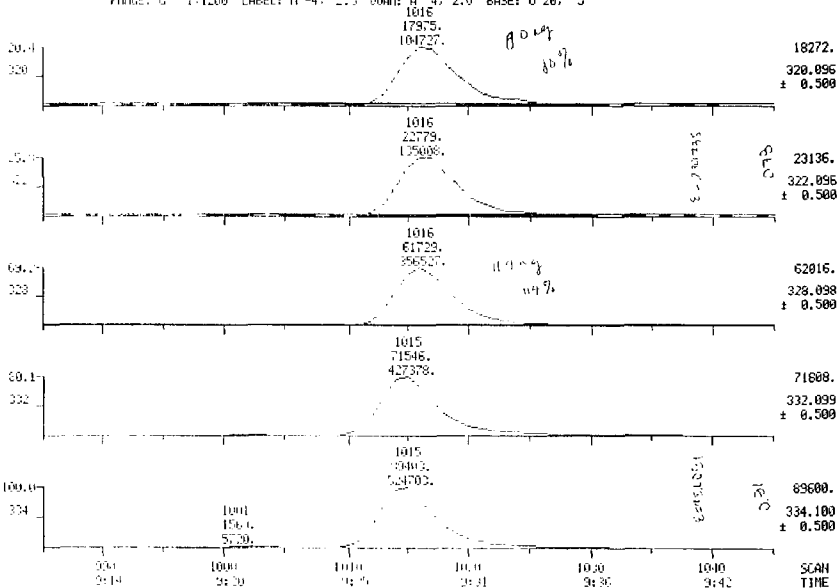
SAMPLE: OIL OF SOUL CONC.: 1396F-04-440IL; 1F6,50% DATIVE SPIKE

FINISH: G 1-1200 LABEL: H-4-2.5 004H; 4, 2.0 BASE: U 20, 5

DATA: S5537HS #1200

SCAN# 985 TO 1045

CALL: F5841211 #14



005418

010 1100 010001000000

17 11 04 11:47:00

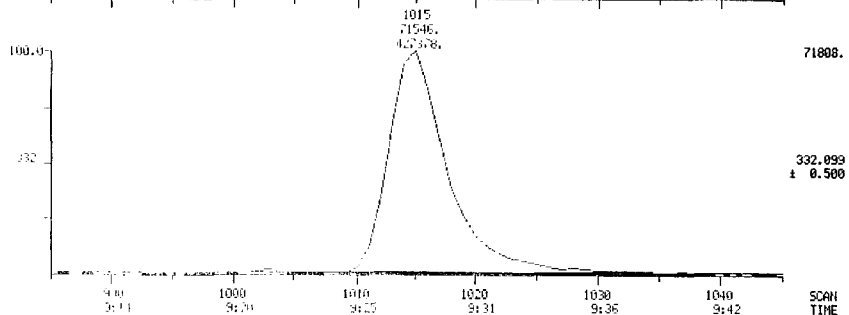
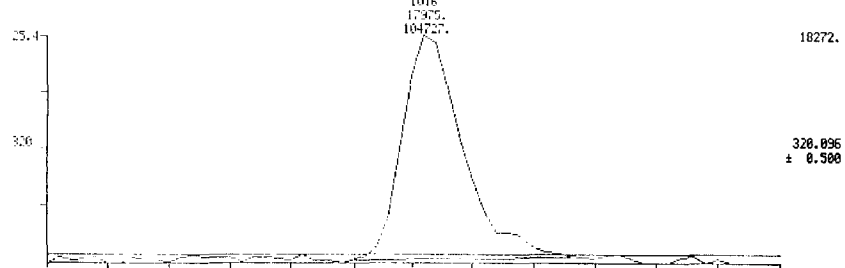
SAMPLE: SOL OF 500L CONC. (1326F-04-460L) IFR-500 IN-TIME SPINE

INTEGR: G 1:1200 LABEL: H-4: 0.5 00-00 R 4: 2.0 INSE: U 20: 5

Date: 55537NS #1200

CALL: F9341211 #14

SCANS 985 TO 1045



005419

1110 11-22 CHROMATOGRAMS

Date: 5553715 #1200

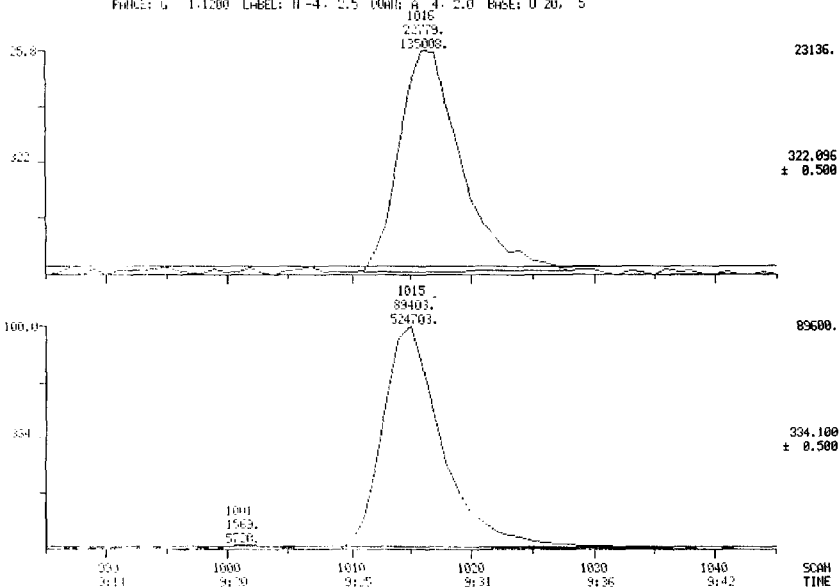
SCAN# 985 TO 1045

12/11/84 11:47:00

CH#1: F5841211 #14

SAMPLE: 2UL OF 50UL CONC. 1296F-04-4461L 1FD-50C NATIVE SPIKE

INJCE: G 1.1200 LABEL: U-4. 2.5 00018 A. J. 2.0 BASE: U 20. 5



005420

HPD INCL. CHROM1000.P05

DATE: 55538 #1200

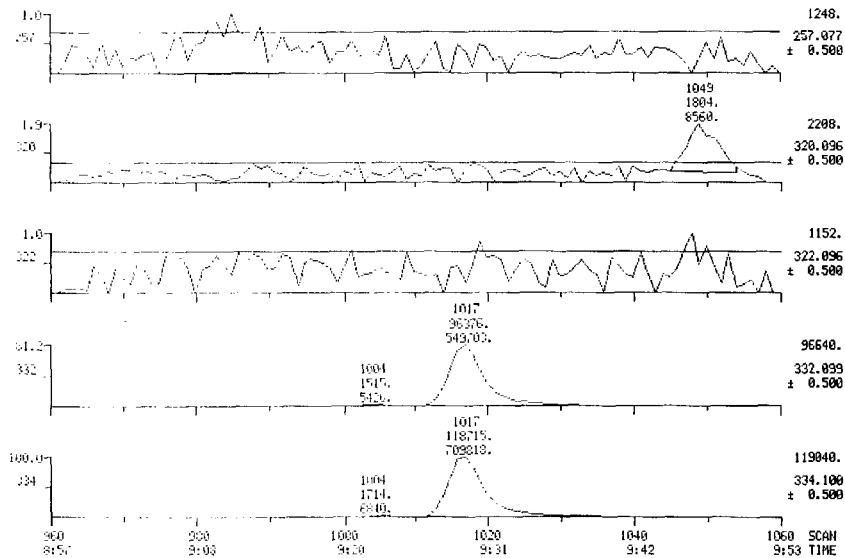
SCANS 360 TO 1060

12-11-84 12:40:00

CALL: F5841211 #14

SAMPLE: 20UL OF 500L CONC. 120CF-06 500ML; IFS:50C

WAVE: n 1 1300 LABEL: n -4, 2.5 0000; n 4, 2.0 BASE: 0.20, 5



005421

RED INCL: CUPROANITROGENS

12-11-91 12:40:00

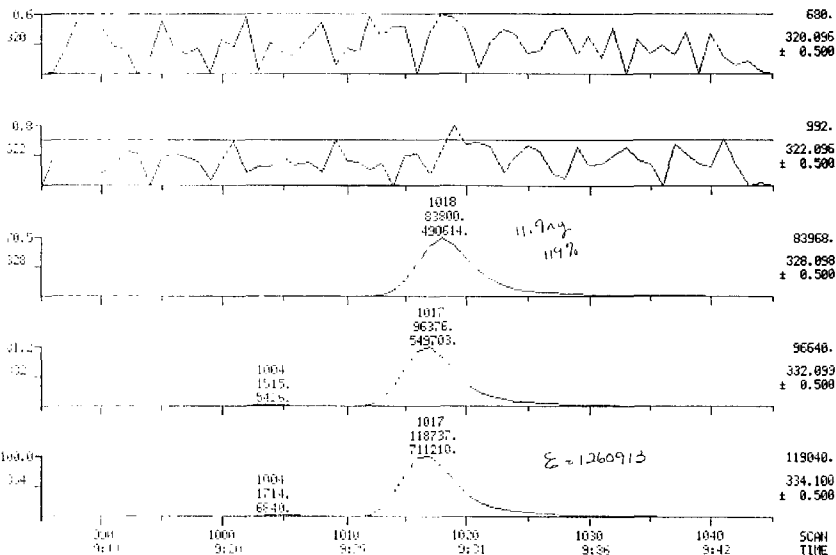
SAMPLE: 20L OF 500L CONC., 130CF-06(5000L) IRB-502

FRIDGE: G 1-1200 LABEL: N-4, 2.5 0046; H 4, 2.0 base: U 20, 5

Date: 85538 #1200

Col: F5841211 #14

SCAN# 995 TO 1045



005422

RIID TIMES CHROMATOGRAMS

DATA: 55538 #1200

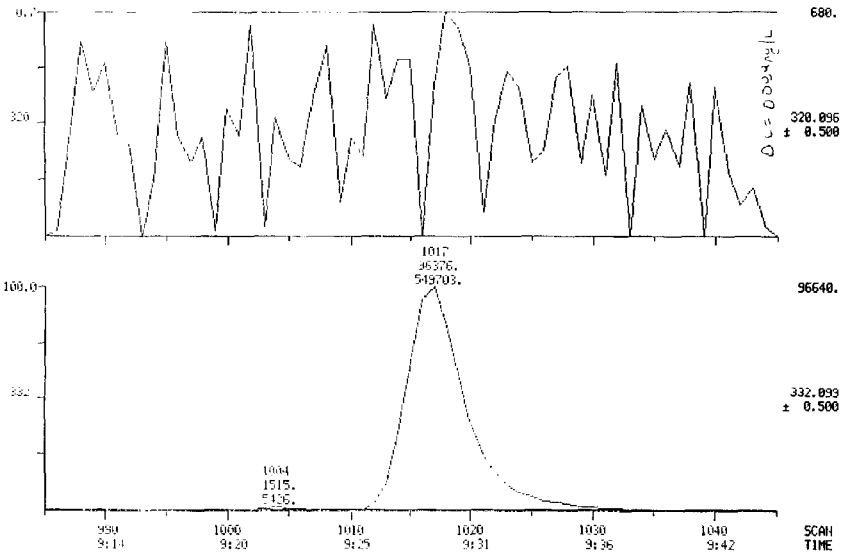
SCANS 885 TO 1045

12-11-84 12:48:00

CALC: F5841211 #14

SAMPLE: 10L OF SOIL CONC.: 139CF-06(900RL) IFB, 50%

INSTR: 6 1-1200 LABEL: H-4, 2.5 OHH: H 4, 2.0 BRCE: U 20, 5



005423

HIO INCS C1808-7006415

DATE: 88538 #1200

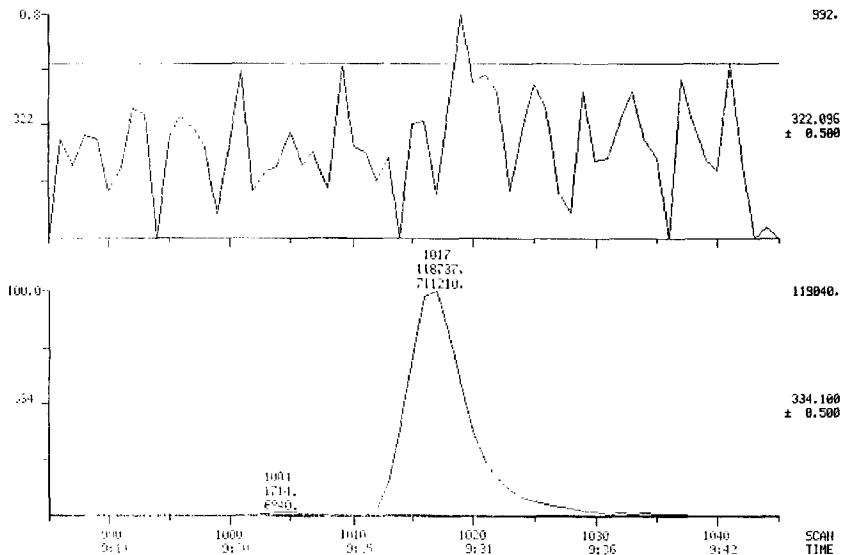
SCANS: 985 TO 1045

12/11/84 12:40:00

CALI: F5841211 #14

SAMPLE: 20UL OF 500L CONC. 1290F-00-5000 / IFR-500

PARAM: G 1.1200 LWELL: H-4. 2.5 WAVE: H 4. 2.0 DAGE: U 20. 5



005424

MLU INEED CHROMATOGRAMS

Date: 55533 #1200

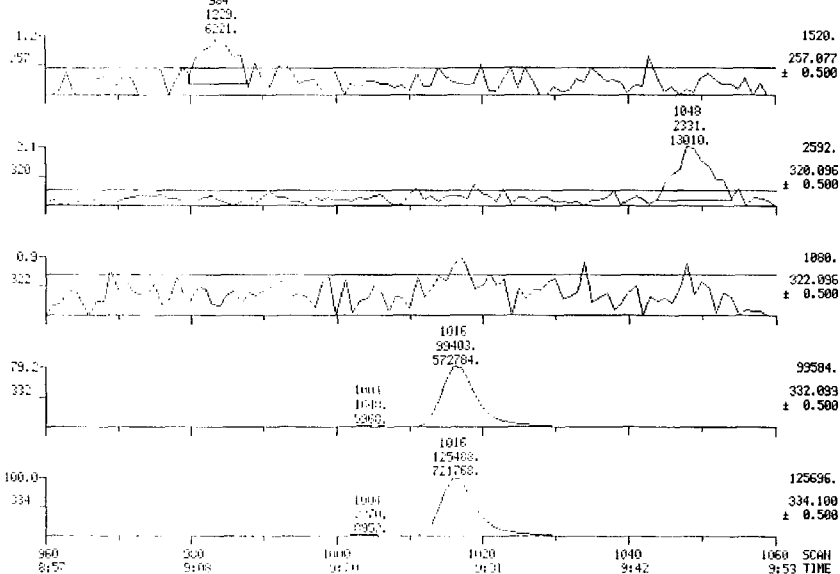
SCAN# 960 TO 1060

12:11:24 13:03:00

CALL: F5841211 #14

SAMPLE: CUL OF SOUL CONC.: 1396F-08X500(L) JFB-503

INJECT: G 1-1500 L:DEE: U-4, 2.5 OADR: R 4, 2.0 INGE: U 20, 5



005425

NO TRACE CHROMATOGRAM

11-11-84 13:03:00

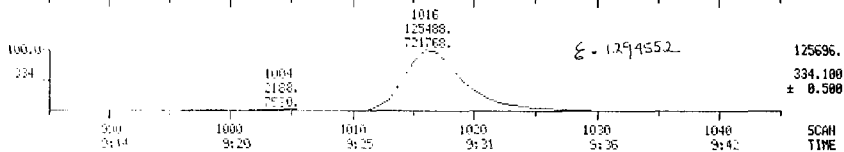
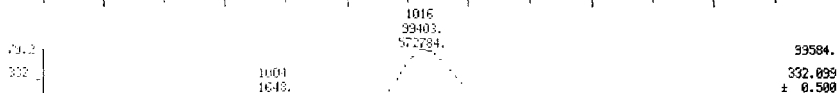
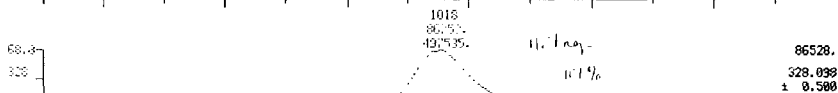
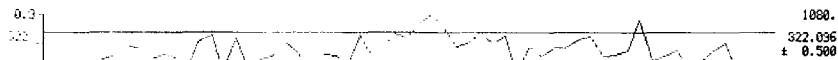
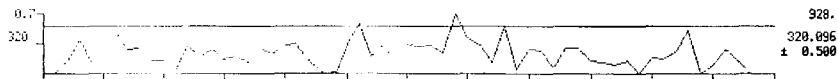
SAMPLE: 20L OF 500L CONC. 1.39E-03 500ML IFB-50C

INJECT: 0.1-1200 LABEL: H-4-2.5 CONC: H 4.2.0 SIZE: 0.20 5

DATA: 85939 #1200

CALL: F5841211 #14

SCANS 985 TO 1045



005426

HPD INSTR: C1090N1006WMS

DATA: 55533 #1200

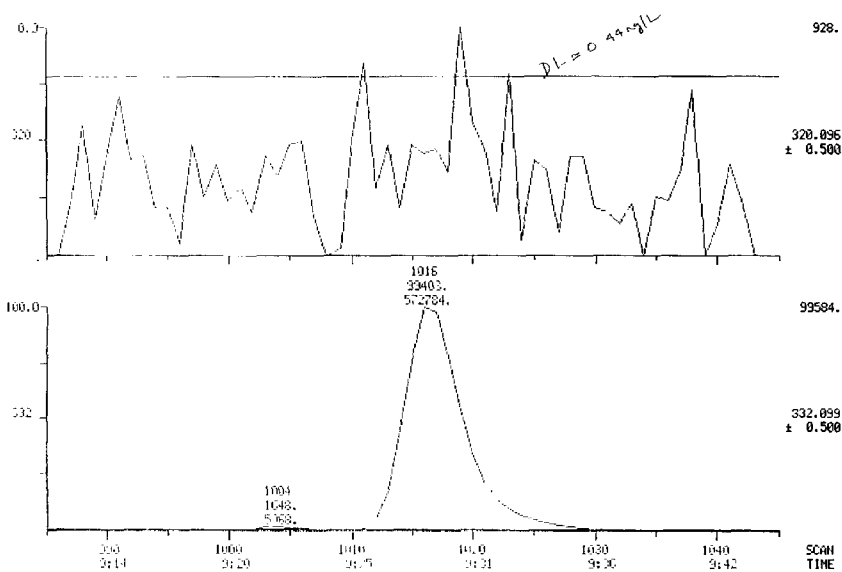
SCANS: 965 TO 1045

10/11/84 13:03:00

CALL: F5841211 #14

SAMPLE: VOL OF 50ML CONC.: 1396F-08/500ML IFB:50C

INSTR: G 1/1200 LABEL: II-4/ 2.5 QUNT: A 4/ 2.0 BGSE: U 20/ 5



005427

HID INDEX CHROMATOGRAM

12-11-84 13:03:00

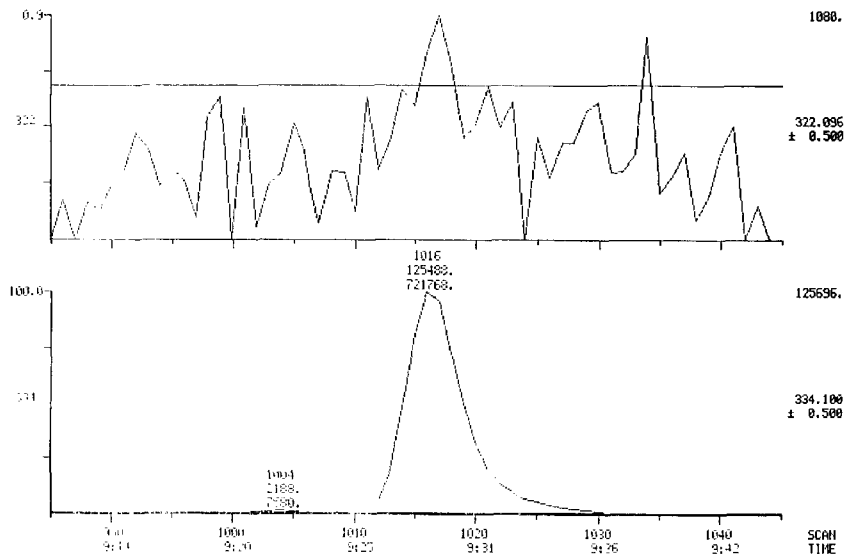
SAMPLE: CUL OF SONI COMF. L396F-08(SOONL) IFB-502

RANGE: 0 1.1200 LNEED: 0 -4; 2.5 0000: 0 4; 2.0 BASE: 0.20, 5

DATA: S5539 #1200

CHL: F5841211 #14

SCANS 985 TO 1045



005428

HID NINES CHROMATOGRAMS

DATA: S5540 #1200

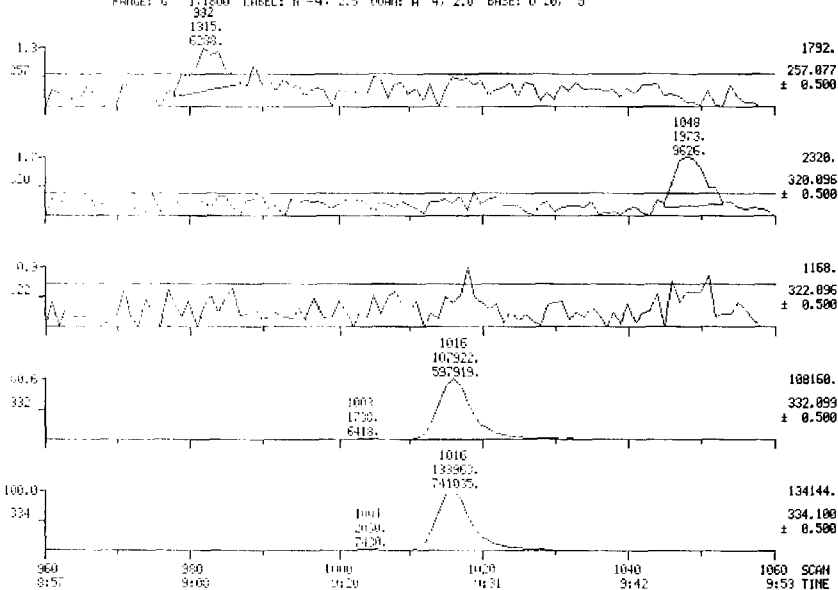
SCANS 960 TO 1060

12-11-84 15:28:00

CAL1: F5841211 #14

SAMPLE: 30% OF 500L CONC., 1396F-10/5000UL, 1FB-50Z

RANGE: G 1.1500 LABEL: N-4, 2.5 0040: N 4, 2.0 BAGE: U 20, 5



005429

110 TIMES UPDOWNTOGRMS

12/11/84 13:28:00

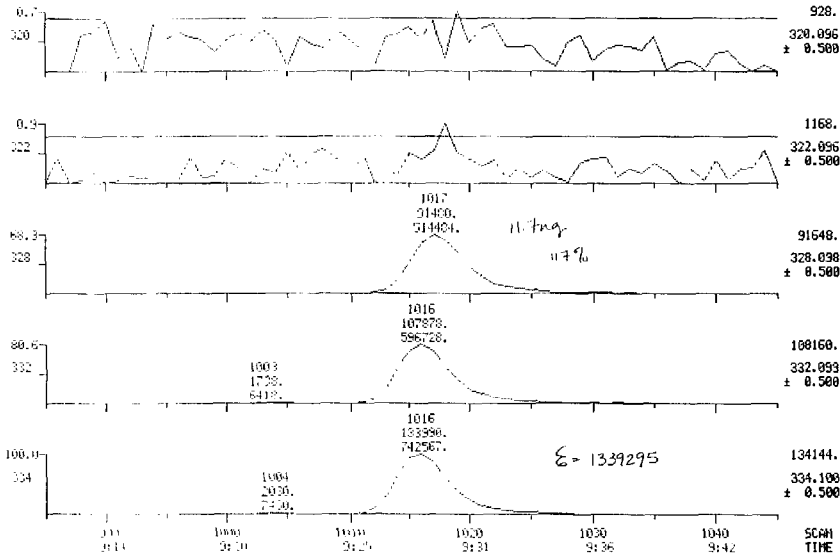
INFILE: JOL OF SOUL COUL. (386F-10-500) IFB-500

PRGR: G 1-1200 LABEL: H-4, 2.5 CMR: H 4, 2.0 BAGE: U 20, 5

DATA: S5540 #1200

CALL: F5841111 #14

SCANS 985 TO 1045



005430

110 IN35 CHROMH006415

Date: 05540 #1200

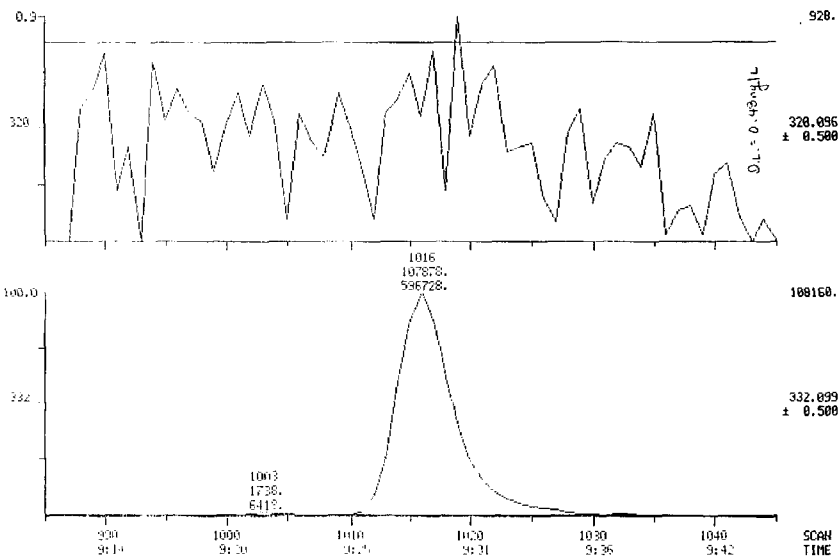
SCAN# 985 TO 1045

10:11:04 10:26:00

CALL: F5841211 #14

SAMPLE: SOL OF SOLU CONC.: 1395F-10(500ML) 1FB,502

RANGE: G 1-1200 LABEL: H-4- 2.5 (MMH) A 4- 2.0 BASE: U 20, 5



005431

HWI1305.616070000000000

11/11/94 12:28:00

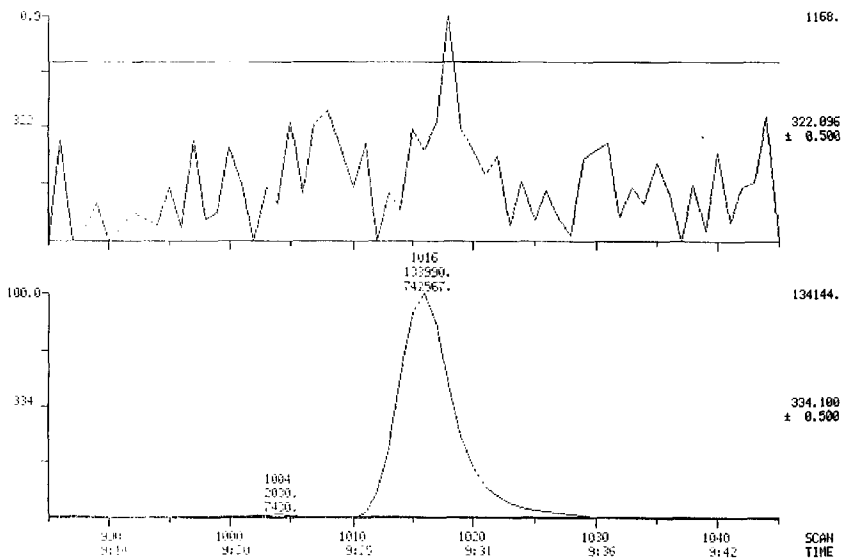
INSTR: 04L OF 500L CONC.: 13967.10/500ML/ 1FB:50C

INJECT: 0.1:1200 1:600 2:1.5 3:4.0 4: 2.0 5: 20. 5

Unit: S5540 #1200

CALL: F5841211 #14

SCAN# 305 TO 1045



005432

HTO INGESTION CHRONOGRAMS

DATE: 55541 #1200

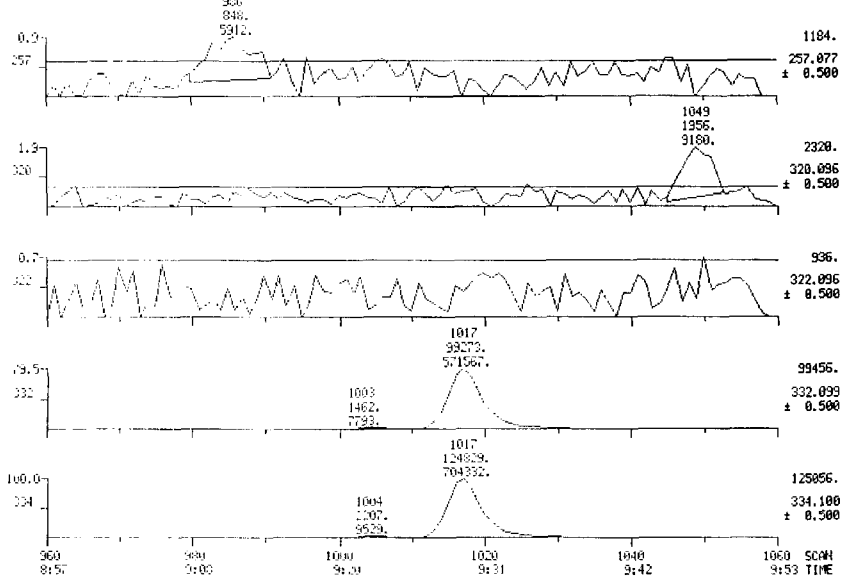
SCANS 960 TO 1060

12:11:54 14:04:00

CALL: F5841211 #14

SAMPLE: 2UL OF 500L CONC. 1396F-10-500ML 1FB-50C

RANGE: G 1,1000 LABEL: H-4: 2.5 10000: R 4: 2.0 BRSE: U 20: 5



005433

110 INVS CHROMATOGRAMS

12-11-84 14:04:00

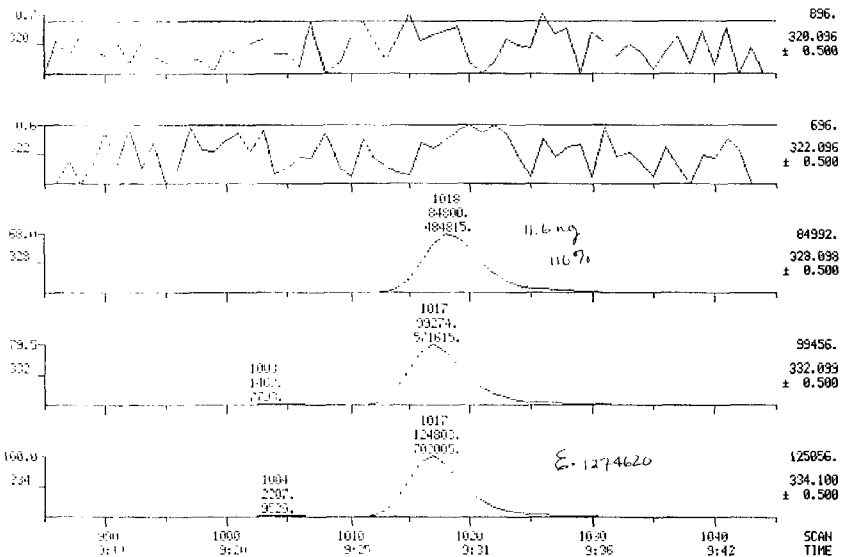
SMFLE: 2UL OF SOLU CONC.: 1396F-12/500ML-1FB:502

PHASE: G 1-1200 LABEL: H-4, 2.5 QUANT: A 4, 2.0 SIZE: U 20, 5

DATA: S5541 #1288

CALI: F5241211 #14

SCAN# 935 TO 1045



005434

MSD MASS CHEMIST006143

12-11-84 14:04:00

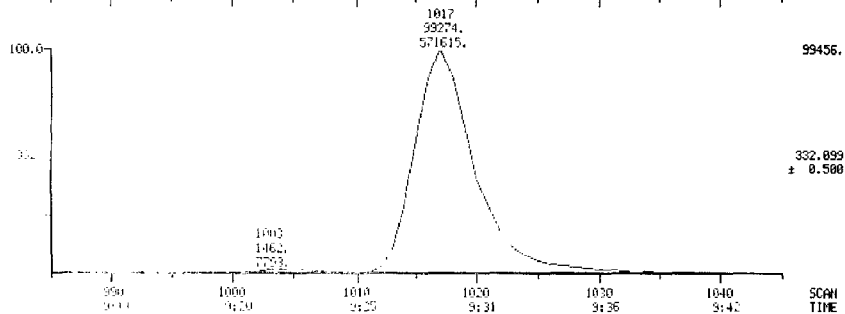
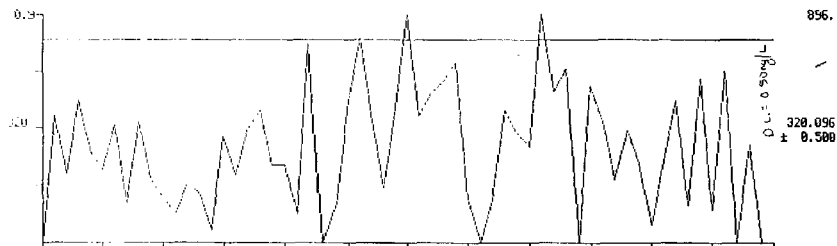
SAMPLE: OIL OF SOUL CONC. 1396-F-12-5000 - 1F8-502

PARAM: G 1-1.00 LVELL: 11-4 2.0 WAVE: 4 2.0 RATE: 0.20 5

DATA: 55541 41200

CHL: F5841211 #14

SCANS 985 TO 1045



005435

HID FUSED CHROMATOGRAMS

11-11-91 14:04:00

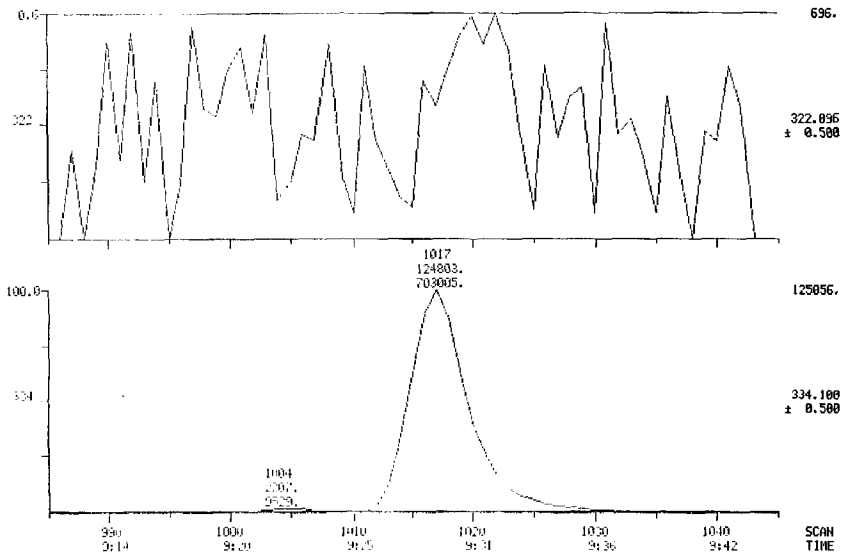
SAMPLE: 2ML OF 500L CONC., 1396F-12(500ML) 1FE-50G

PARAM: G 1.1200 LABEL: H-4. 2.5 CURR: A 4. 2.0 BASE: U 20. 5

Date: 55541 #1200

CALL: F5841211 #14

SCANS 985 TO 1045



005436

EPA PROJECT

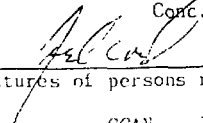
Lab Number: 555501AStd. I.D.: L41218Sample I.D.: 1396F-11Date Injected: 12-12-84

Conc. factor (wet wt.): _____

Date Extracted: _____

Conc. factor (dry wt.): _____

SEMIVOLATILES (ABN)


 Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
964	D4-1,4-DICHLOROBENZENE	1.000	<u>538</u>	150	<u>79127</u>	<u>40</u>	_____
982	2-FLUOROPHENOL	0.693	<u>307</u>	112	<u>65975</u>	<u>40</u>	_____
61	N-NITROSODIMETHYLAMINE	0.440	_____	74	_____	_____	_____
C5	ANILINE	0.885	_____	93	_____	_____	_____
983	PHENOL-D5	0.946	<u>508</u>	99	<u>44716</u>	<u>27</u>	_____
65	PHENOL	0.947	_____	94	_____	_____	_____
18	BIS(2-CHLOROETHYL)ETHER	0.959	_____	93	_____	_____	_____
24	2-CHLOROPHENOL	0.954	_____	128	_____	_____	_____
26	1,3-DICHLOROBENZENE	0.987	_____	146	_____	_____	_____
27	1,4-DICHLOROBENZENE	1.003	_____	146	_____	_____	_____
25	1,2-DICHLOROBENZENE	1.050	_____	146	_____	_____	_____
42	BIS(2-CHLOROISOPROPYL)ETHER	1.096	_____	121	_____	_____	_____
12	HEXACHLOROETHANE	1.126	_____	117	_____	_____	_____
C6	BENZYL ALCOHOL	0.791	_____	108	_____	_____	_____
63	N-NITROSODI-N-PROPYLAMINE	0.855	_____	130	_____	_____	_____
C2	2-METHYLPHENOL	0.828	_____	108	_____	_____	_____
C3	4-METHYLPHENOL	0.854	_____	108	_____	_____	_____
987	NAPHTHALENE-D8	1.000	<u>723</u>	136	<u>144059</u>	<u>40</u>	_____
988	NITROBENZENE-D5	0.872	_____	128	_____	_____	_____
56	NITROBENZENE	0.875	_____	123	_____	_____	_____
54	ISOPHORONE	0.920	_____	82	_____	_____	_____
57	2-NITROPHENOL	0.935	_____	139	_____	_____	_____
34	2,4-DIMETHYLPHENOL	0.953	_____	122	_____	_____	_____
43	BIS(2-CHLOROETHOXY)METHANE	0.970	_____	93	_____	_____	_____
31	2,4-DICHLOROPHENOL	0.982	_____	162	_____	_____	_____

005437

LAB NO.: _____
 SAMPLE ID: _____

Just
 Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT.	AREA	QUAN LIST	ug/L or ug/Kg
8	1,2,4-TRICHLOROBENZENE	0.993	—	180	—	—	—
55	NAPHTHALENE	1.004	—	128	—	—	—
C7	4-CHLOROANILINE	1.030	—	127	—	—	—
52	HEXACHLOROBUTADIENE	1.042	—	225	—	—	—
22	4-CHLORO-3-METHYLPHENOL	1.127	—	144	—	—	—
C9	2-METHYLNAPHTHALENE	1.144	—	142	—	—	—
957	ACENAPHTHENE-DIO	1.000	<u>984</u>	164	<u>73624</u>	<u>40</u>	—
53	HEXACHLOROCYCLOPENTADIENE	1.183	—	237	—	—	—
21	2,4,6-TRICHLOROPHENOL	1.201	—	196	—	—	—
976	2-FLUOROBIPHENYL	1.217	—	172	—	—	—
C4	2,4,5-TRICHLOROPHENOL	1.219	—	198	—	—	—
20	2-CHLORONAPHTHALENE	1.230	—	162	—	—	—
C10	2-NITROANILINE	1.234	—	138	—	—	—
77	ACENAPHTHYLENE	1.309	—	152	—	—	—
71	DIMETHY PHTHALATE	1.308	—	163	—	—	—
36	2,6-DINITROTOLUENE	1.320	—	165	—	—	—
1	ACENAPHTHENE	0.822	—	154	—	—	—
59	2,4-DINITROPHENOL	0.834	—	184	—	—	—
C8	DIBENZOFURAN	0.843	—	168	—	—	—
35	2,4-DINITROTOLUENE	0.851	—	89	—	—	—
58	4-NITROPHENOL	0.854	—	109	—	—	—
C11	3-NITROANILINE	0.857	—	138	—	—	—
80	FLUORENE	0.882	—	166	—	—	—
40	4-CHLOROPHENYL ETHER	0.885	—	204	—	—	—
70	DIETHYL PHTHALATE	0.887	—	149	—	—	—
C12	4-NITROANILINE	0.904	—	138	—	—	—
955	2,4,6-TRIBROMOPHENOL	1.120	<u>1102</u>	332	<u>29004</u>	<u>140</u>	—

005438

LAB NO.: _____
 SAMPLE ID: _____

J. Paul

 Signatures of persons reporting data

EPA NO.	COMPOUND NAME	RRT	SCAN NO.	ION TO QUANT	AREA	QUAN LIST	ug/L or ug/Kg
962	PHENANTHRENE-D10	1.000	<u>1199</u>	188	<u>78824</u>	<u>40</u>	_____
60	4,6-DINITRO-O-CRESOL	0.900	_____	198	_____	_____	_____
37	1,2-DIPHENYLHYDRAZINE	_____	_____	77	_____	_____	_____
62	DIPHENYLAMINE	0.901	_____	169	_____	_____	_____
41	4-BROMOPHENYL PHENYL ETHER	0.943	_____	248	_____	_____	_____
9	HEXACHLOROBENZENE	0.958	_____	284	_____	_____	_____
64	PENTACHLOROPHENOL	0.982	_____	266	_____	_____	_____
81	PHENANTHRENE	0.997	_____	178	_____	_____	_____
78	ANTHRACENE	1.002	_____	178	_____	_____	_____
68	DI-N-BUTYL PHTHALATE	1.081	_____	149	_____	_____	_____
39	FLUOROANTHRENE	1.142	_____	202	_____	_____	_____
961	CHRYSENE-D12	1.000	<u>1591</u>	240	<u>23924</u>	<u>40</u>	_____
954	TERPHENYL-D14	1.201	_____	244	_____	_____	_____
84	PYRENE	1.169	_____	202	_____	_____	_____
5	BENZIDINE	0.886	_____	184	_____	_____	_____
67	BUTYL BENZYL PHTHALATE	0.955	_____	149	_____	_____	_____
72	BENZO(A)ANTHRACENE	0.998	_____	228	_____	_____	_____
76	CHRYSENE	1.003	_____	228	_____	_____	_____
28	3,3'-DICHLOROBENZIDINE	1.002	_____	252	_____	_____	_____
66	BIS(2-ETHYLHEXYL)PHTHALATE	1.019	_____	149	_____	_____	_____
952	PERYLENE-D12	1.000	<u>1838</u>	264	<u>12836</u>	<u>40</u>	_____
69	DI-N-OCTYL PHTHALATE	1.104	_____	149	_____	_____	_____
74	3,4-BENZOFLUOROANTHRENE AND/OR	_____	_____	252	_____	_____	_____
75	BENZO(K)FLUORANTHRENE	_____	_____	252	_____	_____	_____
73	BENZO(A)PYRENE	1.004	_____	252	_____	_____	_____
83	INDENO(1,2,3-CD)PYRENE	_____	_____	276	_____	_____	_____
82	BENZO(A)ANTHRACENE	1.259	_____	278	_____	_____	_____

005439

SYSTEM, SCIENCE + SOFTWARE DIAGNOSTICS

S553501A
 FC434
 12/18/84
 1396F-11, 1UL OF 1ML CONC., 500ML/ML
 F4

NO	LIB	ID	M/E	SCAN	PRED	DELTA	FIT	PUR	MATCH	AREA
1	LL	964:	150	538	539	1	998	771	96.	79126.
2	LL	982:	112	367	368	1	977	881	100.	65974.
3	LL	61:	74	---	99	NO PEAKS FOUND				
4	LL	05:	93	509	501	-8	356	10	19.	17.
5	LL	983:	99	508	509	1	972	862	99.	49716.
6	LL	65:	94	515	511	-4	589	73	41.	16.
				-509		2	467	64	34.	
7	LL	18:	93	509	516	7	333	40	22.	17.
				-525		-9	181	36	12.	
8	LL	24:	128	514	513	-1	517	118	39.	87.
				-516		-3	156	22	16.	
9	LL	26:	146	---	532	NO PEAKS FOUND				
10	LL	27:	146	---	540	NO PEAKS FOUND				
11	LL	25:	146	---	566	NO PEAKS FOUND				
12	LL	42:	121	---	592	NO PEAKS FOUND				
13	LL	12:	117	---	608	NO PEAKS FOUND				
14	LL	06:	108	---	567	NO PEAKS FOUND				
15	LL	63:	130	---	614	NO PEAKS FOUND				
16	LL	02:	108	583	592	9	381	78	20.	20.
17	LL	03:	108	---	615	NO PEAKS FOUND				
18	LL	987:	136	723	724	1	926	798	94.	149058.
19	LL	988:	123	---	624	NO PEAKS FOUND				
20	LL	56:	123	---	627	NO PEAKS FOUND				
21	LL	54:	82	663	664	1	513	256	46.	19.
				-665		-1	529	101	39.	
				-671		-7	512	50	31.	
22	LL	57:	130	---	673	NO PEAKS FOUND				
23	LL	34:	123	---	690	NO PEAKS FOUND				
24	LL	40:	93	---	704	NO PEAKS FOUND				
25	LL	31:	122	---	710	NO PEAKS FOUND				
26	LL	01:	122	714	718	-1	765	425	67.	99.
				-723		4	542	123	41.	31.
				-732		-5	613	5	38.	
				---		16	965	584	32.	
27	LL	88:	180	---	719	NO PEAKS FOUND				
28	LL	55:	128	726	726	0	954	157	63.	188.
				-734		-8	714	53	34.	
29	LL	07:	137	743	744	1	224	35	20.	9.
30	LL	52:	223	---	756	NO PEAKS FOUND				
31	LL	22:	144	823	821	-2	129	36	16.	18.
32	LL	09:	142	822	828	6	491	141	39.	83.
33	LL	957:	164	984	985	1	995	725	93.	73623.
				-992		-7	824	583	67.	
34	LL	53:	237	---	863	NO PEAKS FOUND				
35	LL	21:	196	877	878	1	588	443	59.	85.
				-883		-5	526	451	56.	
36	LL	976:	172	890	890	0	437	348	47.	88.
				-894		-4	318	40	25.	
37	LL	04:	196	877	882	5	930	645	86.	85.
				-881		1	893	606	82.	
38	LL	20:	162	---	899	NO PEAKS FOUND				
39	LL	C10:	130	---	925	NO PEAKS FOUND				
40	LL	77:	152	960	960	0	667	75	45.	11.
41	LL	71:	163	961	962	1	867	123	57.	25.
42	LL	36:	165	971	971	0	400	44	30.	9.
				-981		-10	368	24	16.	
43	LL	1:	154	984	989	5	418	1	28.	253.
44	LL	59:	184	1003	1002	-1	258	137	27.	13.
45	LL	08:	168	---	1012	NO PEAKS FOUND				
46	LL	35:	89	---	1026	NO PEAKS FOUND				
47	LL	58:	109	1022	1020	-2	449	287	44.	60.
				-1026		-6	267	104	26.	
				-1024		-4	128	31	15.	
48	LL	C11:	138	989	985	-4	320	33	25.	11.
49	LL	80:	166	1060	1063	3	421	327	45.	33.
50	LL	40:	204	---	1068	NO PEAKS FOUND				
51	LL	70:	147	1067	1069	1	630	221	50.	42.
52	LL	C12:	138	1078	1082	4	308	7	23.	12.
53	LL	955:	332	1102	1101	-1	968	719	92.	29003.
54	LL	962:	188	1199	1200	1	976	678	90.	78803.
				-1205		-5	845	629	81.	
55	LL	60:	198	---	1083	NO PEAKS FOUND				
56	LL	37:	77	1093	1088	-5	704	224	54	16

005440

57	LL	62:	169	1086	1088	2	965	467	79.	375.
58	LL	41:	248	---	1139	NO	PEAKS	FOUND		
59	LL	9:	264	---	1155	NO	PEAKS	FOUND		
60	LL	64:	266	1184	1184	0	815	350	66.	200.
61	LL	81:	178	1201	1203	2	898	80	56.	595.
				-1207		-4	667	147	48.	
				-1205		-2	591	27	38.	
62	LL	78:	178	1207	1207	-2	667	147	48.	153.
				-1211		-2	636	93	44.	
				-1205		4	591	27	38.	
63	LL	68:	149	1308	1309	1	992	736	94.	1034.
64	LL	39:	202	1377	1378	1	667	388	60.	95.
65	LL	961:	240	1591	1592	1	785	516	73.	23928.
66	LL	954:	244	1442	1442	0	999	534	84.	1327.
67	LL	84:	202	1409	1410	1	647	322	56.	169.
68	LL	5:	184	---	1470	NO	PEAKS	FOUND		
69	LL	67	149	1526	1528	2	811	323	64	84.
70	LL	72:	228	1594	1595	-5	866	68	54.	110.
				-1588		1	675	18	42.	
71	LL	76:	228	1594	1595	-1	819	65	52.	118.
				-1597		-2	583	12	37.	
72	LL	28:	252	1588	1595	7	342	9	21.	20.
73	LL	66:	149	1619	1619	0	765	330	62.	724.
74	LL	952:	264	1838	1839	1	979	648	89.	12833.
75	LL	69:	149	1713	1716	3	472	90	36.	59.
				-1715		1	413	93	33.	
				-1722		-6	264	64	24.	
76	LL	74:	252	1766	1762	-4	679	87	46.	94.
				-1761		1	600	68	41.	
				-1769		-7	538	15	39.	
77	LL	73	252	1824	1826	2	553	50	38.	56.
				-1832		-6	556	25	37.	
				-1838		-12	600	1	19.	
PREDICTED	SCAN	#	OUTSIDE	LIMITS		NO	PEAKS	FOUND		
78	LL	83:	276	---	2133					
PREDICTED	SCAN	#	OUTSIDE	LIMITS		NO	PEAKS	FOUND		
79	LL	82:	278	---	2147					
PREDICTED	SCAN	#	OUTSIDE	LIMITS		NO	PEAKS	FOUND		
80	LL	79:	276	---	2222					

005441

QUANTITATION REPORT FILE: S553501A

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

NO	NAME	
1	964:	O4-1, 4-DICHLOROBENZENE (Q 150)
2	982:	2-FLUOROPHENOL (Q 112)
3	61:	N-NITROSODIMETHYLAMINE (Q74, R10:2:9)
4	C5:	ANILINE (Q 93)
5	963:	O5-PHENOL (Q99, R4:10)
6	65:	PHENOL (Q94, R2:2:10)
7	15:	BIS (2-CHLOROETHYL) ETHER (Q93, R10:10:9)
8	24:	2-CHLOROPHENOL (Q125, R5:10:3)
9	26:	1, 3-DICHLOROBENZENE (Q146, R1:10:6)
10	27:	1, 4-DICHLOROBENZENE (Q146, R1:10:6)
11	25:	1, 2-DICHLOROBENZENE (Q146, R1:10:6)
12	42:	BIS (2-CHLOROISOPROPYL) ETHER (Q121, R10:2:8)
13	12:	HEXACHLOROETHANE (Q117, R10:6:10)
14	C6:	BENZYL ALCOHOL (Q 108)
15	63:	N-NITROSOO-N-PROPYLAMINE (Q130, R6:1:2)
16	C2:	2-METHYLPHENOL (Q 102)
17	C3:	4-METHYLPHENOL (Q 108)
18	987:	NAPHTHALENE-O8 (Q136)
19	988:	NITROBENZENE-O5 (Q128)
20	56:	NITROBENZENE (Q123, R1:5:10:5)
21	C4:	ISOPHORONE (Q82, R10:1:2)
22	37:	2-NITROPHENOL (Q139, R3:8:10)
23	34:	2, 4-DIMETHYLPHENOL (Q122, R9:5:10)
24	43:	BIS (2-CHLOROETHOXY) METHANE (Q93, R10:3:2)
25	G1:	2, 4-DICHLOROPHENOL (Q162, R6:10:6)
26	C1:	BENZOIC ACID (Q 122)
27	8:	1, 2, 4-TRICHLOROBENZENE (Q180, R3:10:9)
28	58:	NAPHTHALENE (Q128, R1:10:1)
29	C7:	4-CHLOROANILINE (Q 127)
30	58:	HEXACHLOROBTADIENE (Q225, R6:10:6)
31	22:	4-CHLORO-3-METHYLPHENOL (Q 144)
32	C9:	2-METHYLNAPHTHALENE (Q 142)
33	957:	O10-ACENAPHTHENE (Q164)
34	59:	HEXACHLOROCYCLOPENTADIENE (Q237, R6:10:1)
35	21:	2, 4, 6-TRICHLOROPHENOL (Q196, R10:9:3)
36	974:	2-FLUOROBIPHENYL (Q172, R1:5:2:4:10)
37	C4:	2, 4, 5-TRICHLOROPHENOL (Q 196)
38	20:	2-CHLORONAPHTHALENE (Q162, R3:10:3)
39	C10:	2-NITROANILINE (Q 138)
40	77:	ACENAPHTHYLENE (Q152, R2:10:2)
41	71:	DIMETHYL PHTHALATE (Q163, R10:1:1)
42	35:	2, 6-DINITROTOLUENE (Q165, R2:7:10)
43	1:	ACENAPHTHENE (Q154, R5:10:10)
44	59:	2, 4-DINITROPHENOL (Q184, R6:5:10)
45	C8:	DIBENZOFURAN (Q 168)
46	35:	2, 4-DINITROTOLUENE (Q89, R7:2:10)
47	58:	4-NITROPHENOL (Q109, R10:7:5)
48	C11:	3-NITROANILINE (Q 138)
49	38:	FLUORENE (Q166, R8:10:1:4)
50	40:	4-CHLOROPHENYL PHENYL ETHER (Q204, R3:10:3)
51	70:	DIETHYL PHTHALATE (Q149, R10:1:2)
52	C13:	4-NITROANILINE (Q 138)
53	955:	2, 4, 6-TRIBROMOPHENOL (Q332)

005442

NO NAME
 54 962: D10-PHENANTHRENE (Q 18B)
 55 60: 4,6-DINITRO-2-METHYLPHENOL (Q 19B)
 56 37: 1,2-DIPHENYLHYDRAZINE (Q77, R10:6:3)
 57 62: N-NITROSDIPHENYLAMINE (Q169, R5:7:10)
 58 41: 4-BROMOPHENYL PHENYL ETHER (Q248, R5:10:10)
 59 49: HEXACHLOROBENZENE (Q284, R3:2:10)
 60 64: PENTACHLOROPHENOL (Q266, R6:10:6)
 61 81: PHENANTHRENE (Q 17B)
 62 78: ANTHRACENE (Q 17B)
 63 68: DI-N-BUTYL PHTHALATE (Q149, R1:10:3)
 64 39: FLUORANTHENE (Q202, R1:2:10)
 65 961: D12-CHRYSENE (Q240)
 66 954: D14-TERPHEYL (Q244)
 67 84: PYRENE (Q302, R3:2:10)
 68 5: BENZIDINE (Q184, R2:10:1)
 69 67: BUTYL BENZYL PHTHALATE (Q149, R5:10)
 70 72: BENZO(A)ANTHRACENE (Q 22B)
 71 76: CHRYSENE (Q 22B)
 72 28: 3,3'-DICHLOROBENZIDINE (Q252, R2:10:7)
 73 66: BIS (2-ETHYLHEXYL) PHTHALATE (Q149, R10:3:3)
 74 952: D12-PERYLENE (Q 264)
 75 69: DI-N-OCTYL PHTHALATE (Q149, R10:1)
 76 74: 3,4-BENZOFLUORANTHENE %/OR BENZO(K)FLUORANTHENE (Q252)
 77 73: BENZO(A)PYRENE (Q252, R2:10:2)
 78 83: INDENO(1,2,3-CD)PYRENE (IMPURE) (Q276, R3:10:3)
 79 82: DIBENZO(A,H)ANTHRACENE (Q276, R2:10:2)
 80 79: BENZO(GHI)PERYLENE (Q276, R4:10:3)

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT	%TOT
1	150	538	9:25	1	1.000	A BB	79127.	40.000 UG/L	8.81
2	112	347	6:25	1	0.682	A BB	65975.	40.213 UG/L	8.85
3	NOT FOUND								
4	93	509	8:54	1	0.946	A BB	13.	0.024 UG/L	0.01
5	99	508	8:53	1	0.944	A BV	49712.	26.630 UG/L	5.84
6	94	515	9:01	1	0.957	A BB	17.	0.037 UG/L	0.00
7	93	509	8:54	1	0.946	A BB	13.	0.026 UG/L	0.00
8	128	514	9:00	1	0.955	A BB	88.	0.057 UG/L	0.01
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	108	583	10:12	1	1.084	A BB	21.	0.016 UG/L	0.00
17	NOT FOUND								
18	136	723	12:39	18	1.000	A BV	149059.	40.000 UG/L	8.81
19	NOT FOUND								
20	NOT FOUND								
21	82	663	11:36	18	0.917	A BB	20.	0.007 UG/L	0.00
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	162	710	12:25	18	0.982	A BB	100.	0.092 UG/L	0.02
26	122	714	12:30	18	0.982	A BB	32.	0.064 UG/L	0.01
27	NOT FOUND								

005443

NO	M/E	SCAN	TIME	REF	RRT	METH	AREA(HGHT)	AMOUNT		%TOT
28	128	726	12:43	18	1.004	A BB	189.	0.057	UG/L	0.01
29	127	743	13:00	18	1.028	A BB	10.	0.020	UG/L	0.00
30	NOT FOUND									
31	144	823	14:24	18	1.138	A BB	19.	0.063	UG/L	0.01
32	142	822	14:23	18	1.137	A BB	84.	0.235	UG/L	0.01
33	164	984	17:13	33	1.000	A BB	73624.	40.000	UG/L	8.81
34	NOT FOUND									
35	196	877	15:21	33	0.891	A BB	86.	0.143	UG/L	0.03
36	172	890	15:34	33	0.904	A BB	89.	0.038	UG/L	0.01
37	196	877	15:21	33	0.891	A BB	86.	0.140	UG/L	0.03
38	NOT FOUND									
39	NOT FOUND									
40	152	960	16:48	33	0.976	A BB	12.	0.005	UG/L	0.00
41	163	961	16:49	33	0.977	A BB	26.	0.011	UG/L	0.00
42	165	971	17:00	33	0.987	A BB	10.	0.021	UG/L	0.00
43	154	984	17:13	33	1.000	A BB	254.	0.127	UG/L	0.03
44	184	1003	17:33	33	1.019	A BB	14.	0.140	UG/L	0.01
45	NOT FOUND									
46	NOT FOUND									
47	109	1022	17:53	33	1.039	A BB	61.	0.388	UG/L	0.09
48	138	989	17:13	33	1.005	A BB	12.	0.237	UG/L	0.03
49	166	1060	18:33	33	1.077	A BB	34.	0.017	UG/L	0.00
50	NOT FOUND									
51	149	1067	18:40	33	1.064	A BB	40.	0.019	UG/L	0.00
52	138	1078	18:52	33	1.076	A BB	13.	0.153	UG/L	0.03
53	332	1102	19:17	33	1.120	A BB	29004.	139.898	UG/L	30.80
54	188	1199	19:59	54	1.000	A BV	78804.	40.000	UG/L	8.81
55	NOT FOUND									
56	77	1093	19:08	34	0.912	A BB	17.	0.099	UG/L	0.02
57	169	1086	19:00	34	0.906	A BB	373.	0.657	UG/L	0.14
58	NOT FOUND									
59	NOT FOUND									
60	266	1184	20:43	54	0.987	A BB	201.	0.750	UG/L	0.17
61	178	1201	21:01	54	1.002	A BB	596.	0.261	UG/L	0.06
62	178	1207	21:07	54	1.007	A BB	154.	0.097	UG/L	0.02
63	149	1308	22:53	54	1.091	A BB	1035.	0.375	UG/L	0.09
64	202	1377	22:06	54	1.148	A BB	96.	0.051	UG/L	0.01
65	240	1591	23:51	65	1.000	A BV	23929.	40.000	UG/L	8.81
66	244	1442	23:14	65	0.906	A BB	1328.	1.689	UG/L	0.37
67	202	1409	24:39	65	0.886	A BB	170.	0.104	UG/L	0.02
68	NOT FOUND									
69	149	1526	26:42	65	0.959	A BB	85.	0.080	UG/L	0.02
70	228	1594	27:34	65	1.002	A BV	119.	0.165	UG/L	0.04
71	228	1594	27:54	65	1.002	A BB	119.	0.163	UG/L	0.04
72	252	1588	27:47	65	0.998	A BB	21.	0.158	UG/L	0.03
73	149	1619	28:20	65	1.018	A BB	725.	0.683	UG/L	0.15
74	264	1838	30:10	74	1.000	A BV	12836.	40.000	UG/L	8.81
75	149	1713	30:59	74	0.932	A BB	60.	0.036	UG/L	0.01
76	252	1766	30:04	74	0.961	A BV	95.	0.146	UG/L	0.03
77	252	1824	31:55	74	0.992	A BB	57.	0.144	UG/L	0.03
78	NOT FOUND									
79	NOT FOUND									
80	NOT FOUND									

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
1	9:26	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00

005444

NO	RET (L)	RATIO	RR (L)	RATIO	AMNT	AMNT (L)	R. FAC	R. FAC (L)	RATIO
00	6.27	0.99	0.685	1.00	40.21	41.70	0.800	0.829	0.96
01	4.00		0.185			50.00		0.001	
02	8.47	1.01	0.931	1.02	0.02	50.00	0.000	0.374	0.00
03	8.05	1.00	0.944	1.00	26.63	41.70	0.603	0.944	0.64
04	8.08	1.01	0.950	1.01	0.01	0.00	0.000	0.943	0.00
05	8.03	0.98	0.959	0.99	0.01	0.00	0.000	1.114	0.00
06	8.03	1.00	0.954	1.00	0.06	0.00	0.001	0.786	0.00
07	8.03		0.959			0.00		0.693	
08	8.03		0.954			0.00		0.877	
09	8.03		0.952			0.00		0.890	
10	8.03		0.952			0.00		0.284	
11	8.03		0.952			0.00		0.418	
12	8.03		0.953			0.00		0.428	
13	8.03		0.953			0.00		0.130	
14	8.03		0.953			0.00		0.553	
15	8.03	0.98	0.953	0.98	0.02	0.00	0.000	0.700	0.00
16	8.03		0.953			0.00		0.600	
17	8.03		0.953			0.00		0.200	
18	8.03	1.00	0.953	1.00	40.00	40.00	1.000	1.000	1.00
19	8.03		0.953			0.00		0.220	
20	8.03	1.00	0.953	1.00	0.01	0.00	0.000	0.814	0.00
21	8.03		0.953			0.00		0.199	
22	8.03		0.953			0.00		0.327	
23	8.03		0.953			0.00		0.552	
24	8.03	1.00	0.953	1.00	0.09	0.00	0.001	0.292	0.00
25	8.03	0.99	0.953	0.99	0.06	0.00	0.000	0.134	0.00
26	8.03		0.953			0.00		0.324	
27	8.03	1.00	0.953	1.00	0.06	0.00	0.001	0.893	0.00
28	8.03	1.00	0.953	1.00	0.02	0.00	0.000	0.130	0.00
29	8.03		0.953			0.00		0.169	
30	8.03	1.00	0.953	1.00	0.06	0.00	0.000	0.081	0.00
31	8.03		0.953			0.00		0.643	0.00
32	8.03		0.953			0.00		0.813	0.00
33	8.03	1.00	0.953	1.00	40.00	40.00	1.000	1.000	1.00
34	8.03		0.953			0.00		0.054	
35	8.03	1.00	0.953	1.00	0.14	0.00	0.001	0.326	0.00
36	8.03		0.953			0.00		1.288	0.00
37	8.03	0.99	0.953	0.99	0.14	0.00	0.001	0.335	0.00
38	8.03		0.953			0.00		1.172	
39	8.03		0.953			0.00		0.331	
40	8.03	1.00	0.953	1.00	0.00	0.00	0.000	1.318	0.00
41	8.03	1.00	0.953	1.00	0.01	0.00	0.000	1.229	0.00
42	8.03	0.99	0.953	0.99	0.02	0.00	0.000	0.262	0.00
43	8.03	0.99	0.953	0.99	0.13	0.00	0.000	1.000	0.00
44	8.03	1.00	0.953	1.00	0.14	0.00	0.000	0.000	0.00
45	8.03		0.953			0.00		1.372	
46	8.03		0.953			0.00		0.217	
47	8.03	1.00	0.953	1.00	0.39	0.00	0.001	0.085	0.01
48	8.03	1.00	0.953	1.00	0.24	0.00	0.000	0.023	0.00
49	8.03	1.00	0.953	1.00	0.02	0.00	0.000	1.070	0.00
50	8.03		0.953			0.00		0.518	
51	8.03	1.00	0.953	1.00	0.02	0.00	0.000	1.211	0.00
52	8.03	1.00	0.953	1.00	0.15	0.00	0.000	0.046	0.00
53	8.03	1.00	0.953	1.00	11.9	41.70	0.378	0.113	3.35
54	8.03	1.00	0.953	1.00	40.00	40.00	1.000	1.000	1.00
55	8.03		0.953			0.00		0.978	
56	8.03	1.00	0.953	1.00	0.10	0.00	0.000	0.087	0.00
57	8.03	1.00	0.953	1.00	0.66	0.00	0.004	0.290	0.01

005445

NO	RET(L)	RATIO	RRT(L)	RATIO	AMNT	AMNT(L)	R. FAC	R. FAC(L)	RATIO
55	19:57		0.950			50.00		0.220	
56	0:14		0.963			50.00		0.282	
59	0:44	1.00	0.987	1.00	0.75	50.00	0.002	0.136	0.02
61	1:04	1.00	1.000	1.00	0.26	50.00	0.006	1.161	0.01
62	1:12	1.00	1.000	1.00	0.10	50.00	0.002	0.805	0.00
63	2:55	1.00	1.042	1.00	0.38	50.00	0.011	1.400	0.01
64	4:00	1.00	1.147	1.00	0.05	50.00	0.001	0.958	0.00
65	7:52	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
66	15:15	1.00	0.926	1.00	1.67	50.00	0.107	1.314	0.00
67	24:42	1.00	0.806	1.00	0.10	50.00	0.006	2.724	0.00
68	5:55		0.924			50.00		0.001	
69	26:45	1.00	0.960	1.00	0.08	50.00	0.003	1.779	0.00
70	27:49	1.00	0.977	1.00	0.16	50.00	0.004	1.207	0.00
71	27:56	1.00	1.000	1.00	0.16	50.00	0.004	1.222	0.00
72	28:06	0.99	1.000	1.00	0.16	50.00	0.001	0.222	0.00
73	28:11	1.00	1.010	1.00	0.68	50.00	0.024	1.775	0.01
74	30:11	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
75	30:00	1.00	0.934	1.00	0.04	50.00	0.004	5.212	0.00
76	30:51	1.00	0.959	1.00	0.15	50.00	0.003	2.029	0.00
77	31:00	1.00	0.953	1.00	0.14	50.00	0.004	1.232	0.00
78	37:00		1.160			50.00		1.221	
79	37:00		1.160			50.00		0.959	
80	50:4	1.00	1.000			50.00		1.412	

FIC + DMSO CHROMATOGRAM

Date: 5550591A.HI

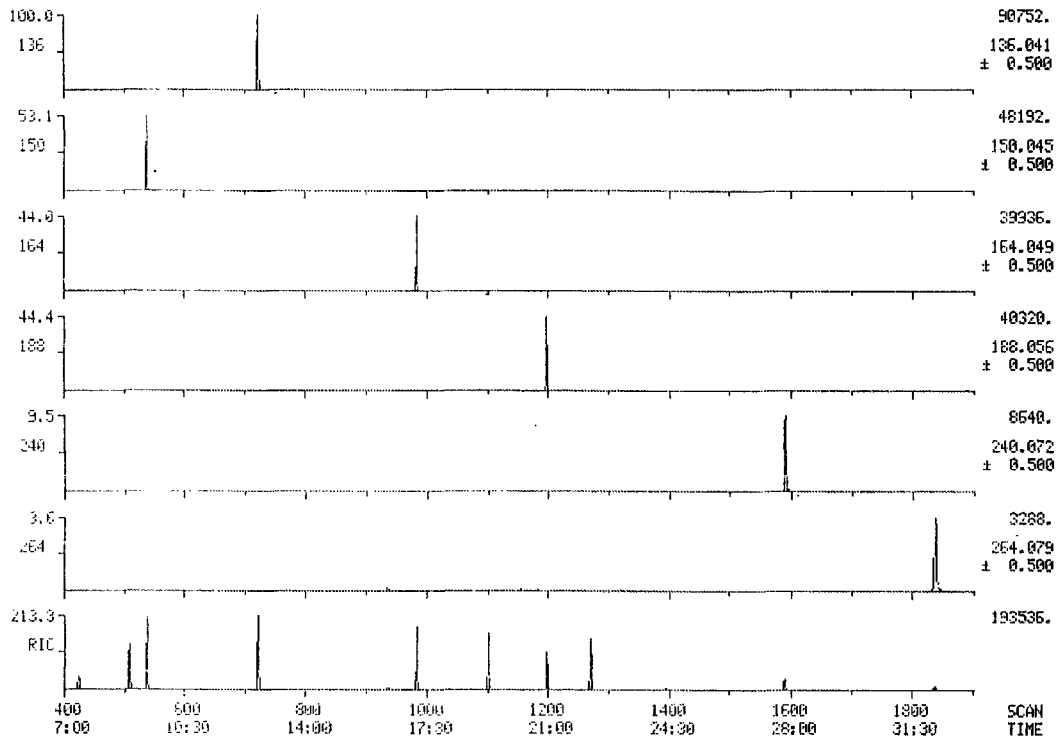
SCANS 400 TO 1900

12 18 84 17:12:00

CALI: FC134 #22

SAMPLE: 1396F-11, 1UL OF THL CONC., 500ML/ML

RANGE: G 1,1900 LABEL: II 4,10,0 QUANT: A 6, 2,0 BASE: U 30, 4



005447

ED: 1166 CHROMATOGRAMS

DATA: S553501A #1

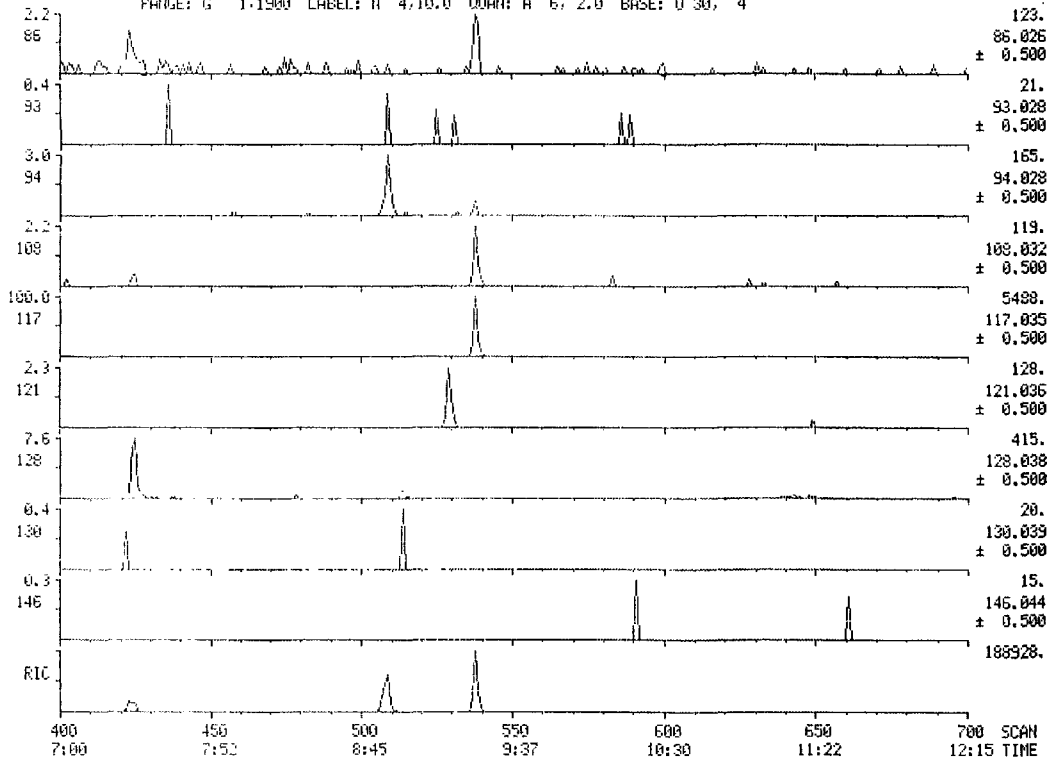
SCANS 400 TO 700

12 18 94 17:12:00

CELL: FC434 #22

SAMPLE: 1396F-11. 1UL OF 1ML CONC.: 500ML/ML

PNNGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4



005448

PIC + INES CHROMATOGRAMS

DATA: S553501A #1

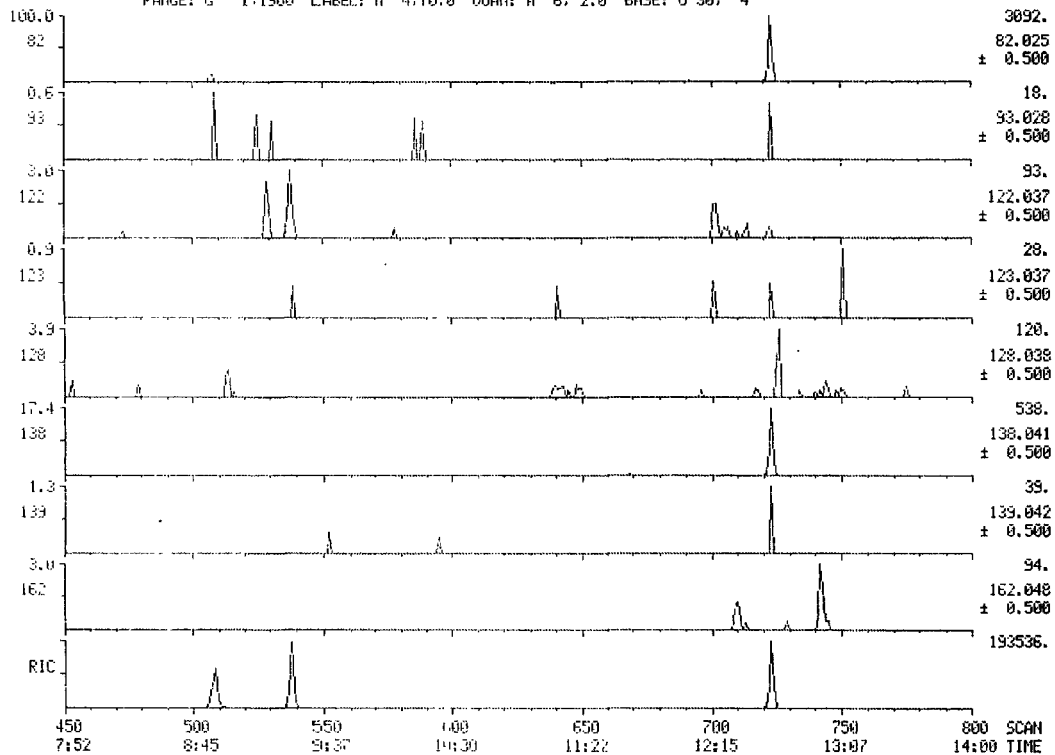
SCANS 450 TO 800

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CALIB: FC434 #22

SAMPLE: 1395F-11. 1UL OF INL CONC., 500NL/NL

PHASE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005449

MR F DCEL CARBONATIONPHAS

DATA: 8253500H #1

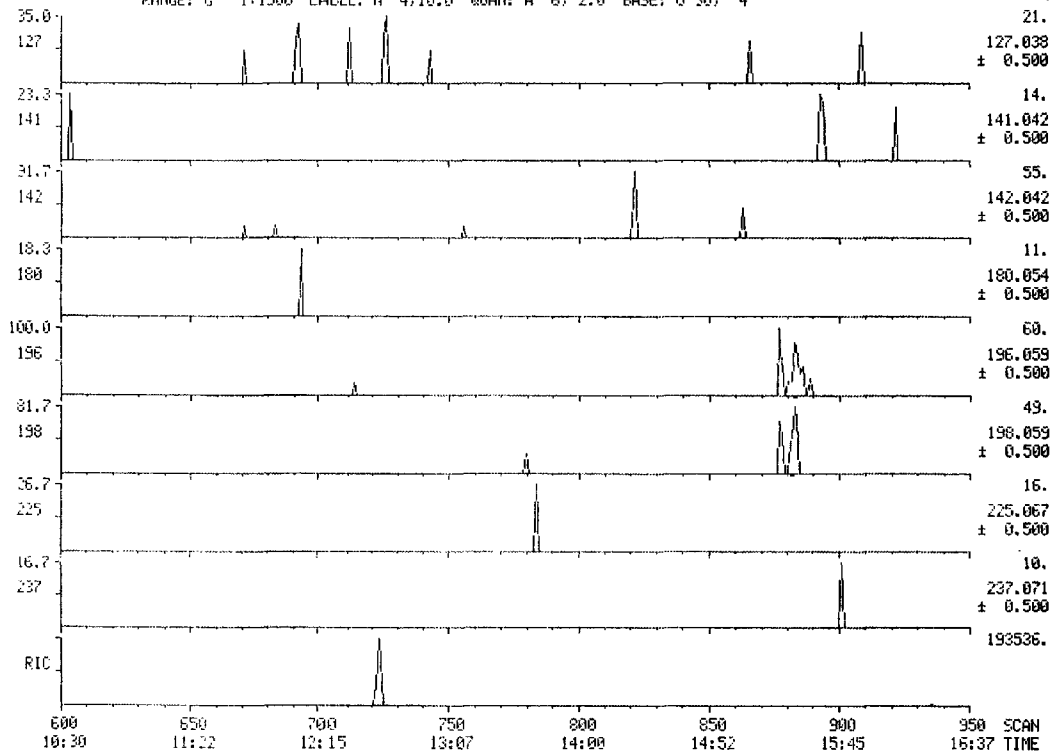
SCANS 600 TO 950

12:18 04 17:12:09

CALI: FC434 #22

SAMPLE: 1396F-11. IUL OF IML CONC.: 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005450

PIC - MASS CHROMATOGRAM

12-18-84 17:12:00

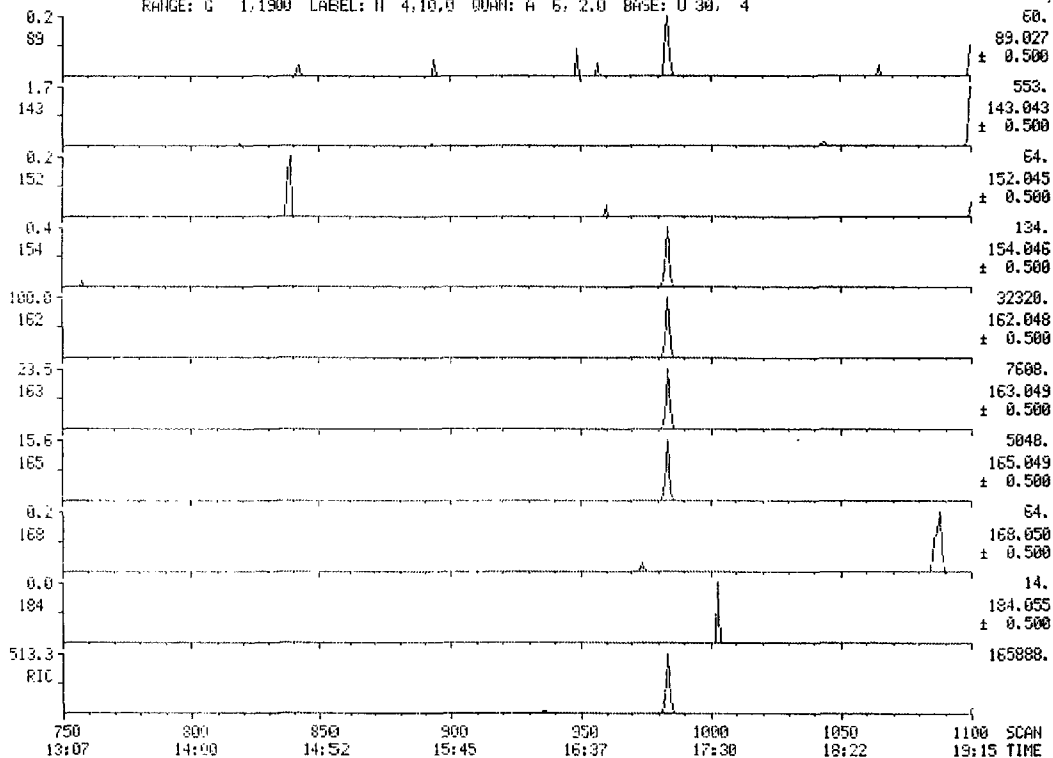
SAMPLE: 1396F-11, 1UL OF IML CONC., 500NL/ML

RANGE: G 1.1900 LABEL: H 4,10,9 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 07035011.M

FILE: FC434.M22

SCAN: 750 TO 1100



005451

10 4 MASS CHROMATOGRAMS

DATA: 55535014 #1

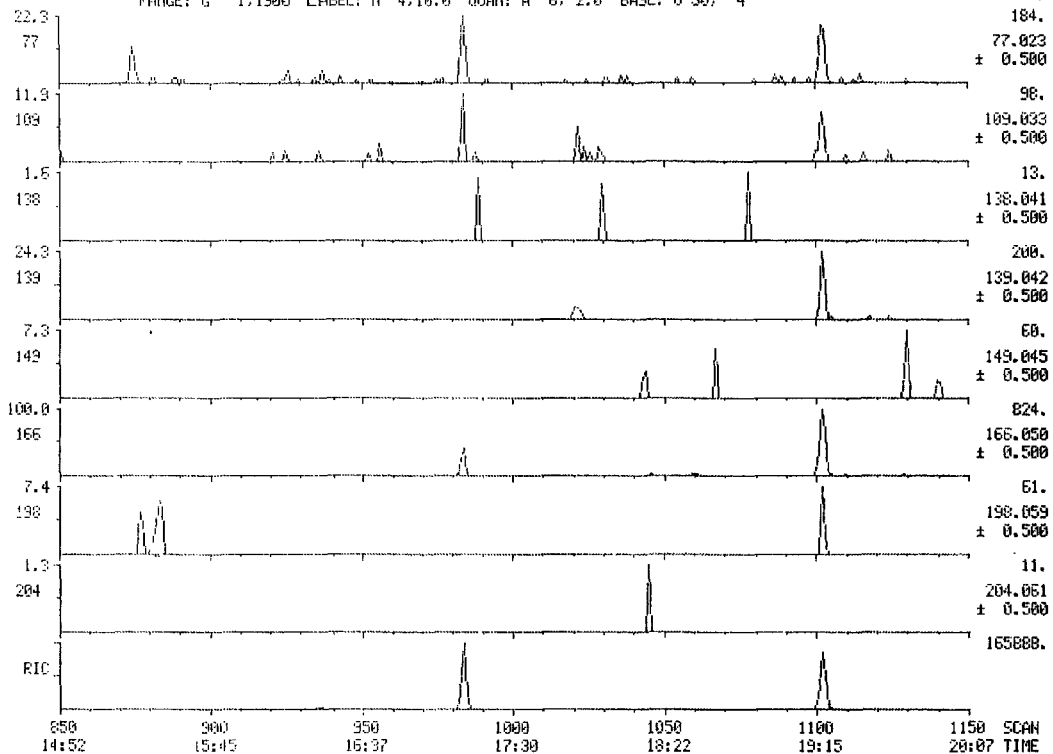
SCANS 850 TO 1150

TC 13:34 17:12:00

CALI: FC434 #22

SAMPLE: 1336F-11, 1UL OF 1ML CONC., 500UL/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4



005452

PLC + UVES CHROMATOGRAMS

DATE: 5553581A #1

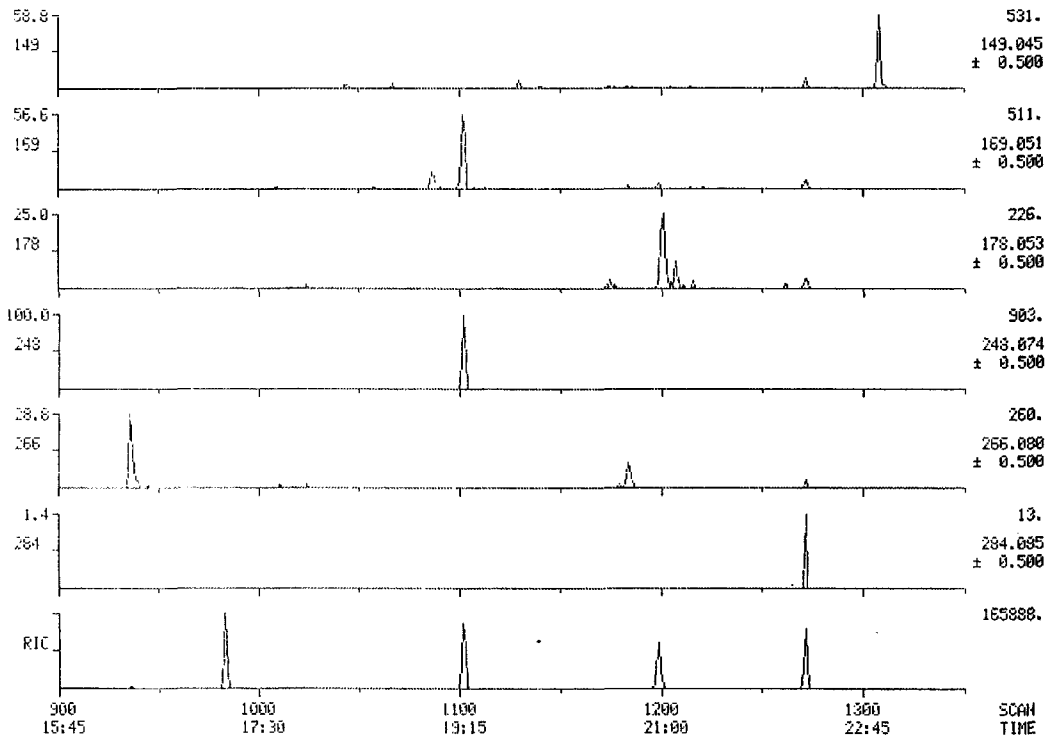
SCANS 900 TO 1350

12:18:34 17:12:00

CHL: PC434 #22

SAMPLE: 1336F-11, IUL OF 1ML CONC., 500ML/ML

RANGE: G 1,1900 LABEL: H 4,10,0 QUAN: A 6, 2.0 BASE: U 30, 4



005453

FILE: RANGS CHROMATOGRAM

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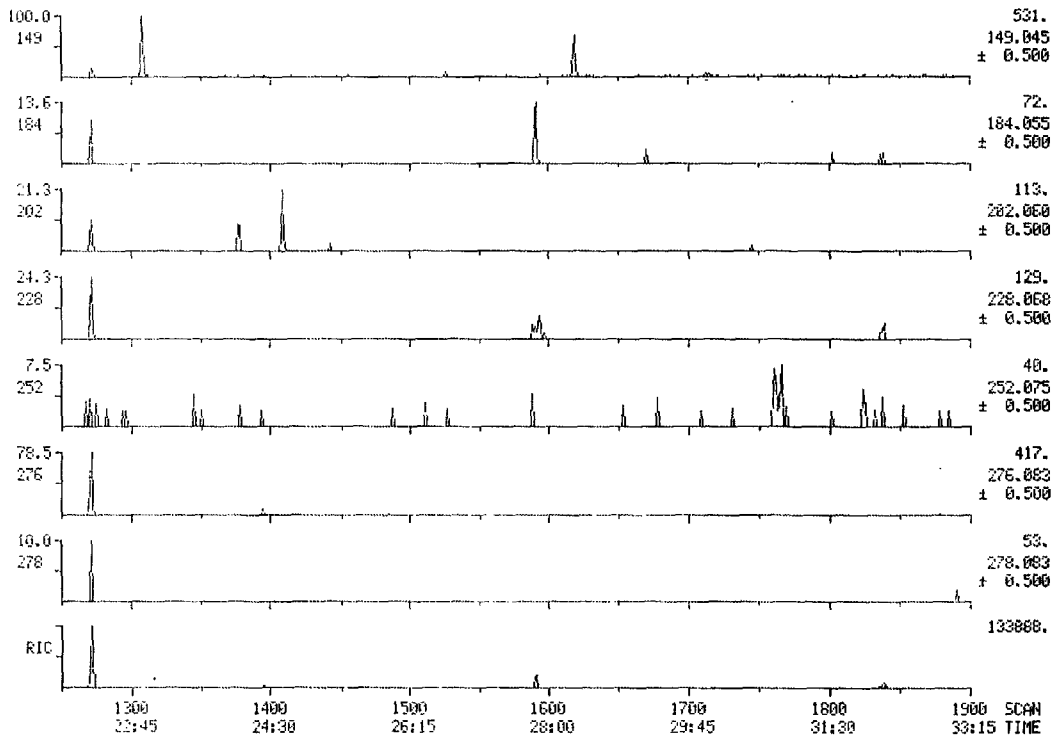
SCANS 1250 TO 1900

12-18-84 17:12:00

CALI: FC434 #22

SAMPLE: 1396F-11. IUL OF IML CONC.: 500ML/ML

RANGE: G 1.1500 LABEL: N 4.10.0 QUAN: A 6. 2.0 BASE: U 30. 4



005454

FIC + MASS CHROMATOGRAMS

DATA: 5583501A #1

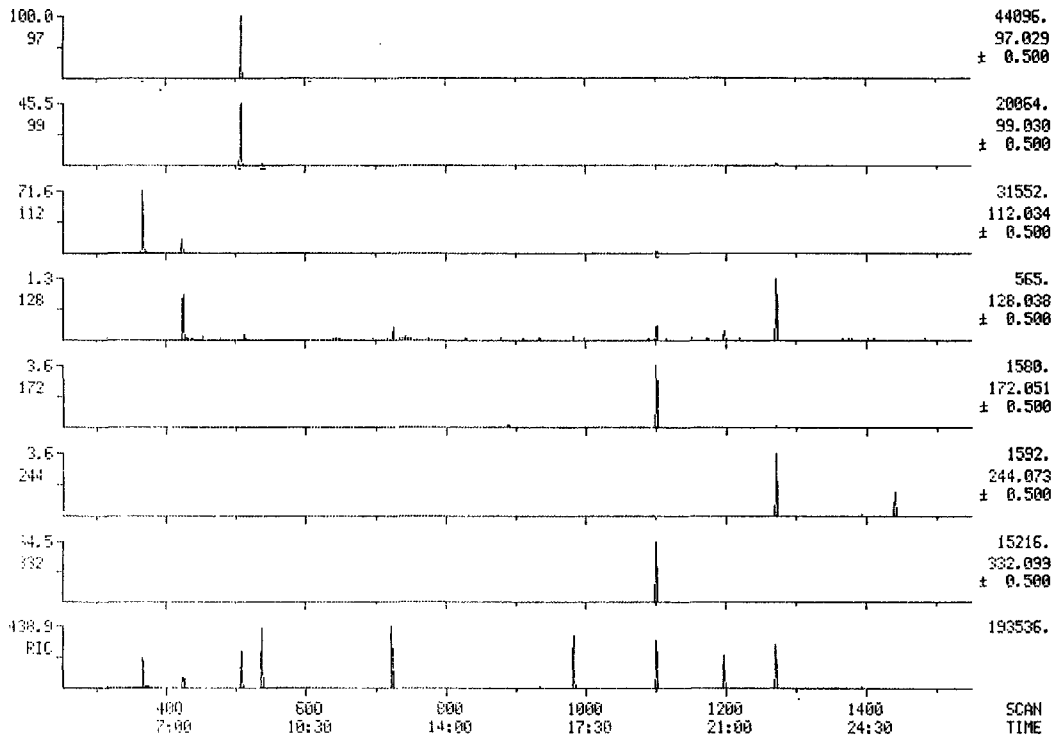
SCANS 250 TO 1550

12-18-84 17:12:00

CELL: FC434 #22

SAMPLE: 1396F-11, 1UL OF INL CONC., 500ML/ML

RANGE: G 1.1900 LABEL: H 4.10.0 QUANT: A 6, 2.0 BASE: U 30, 4

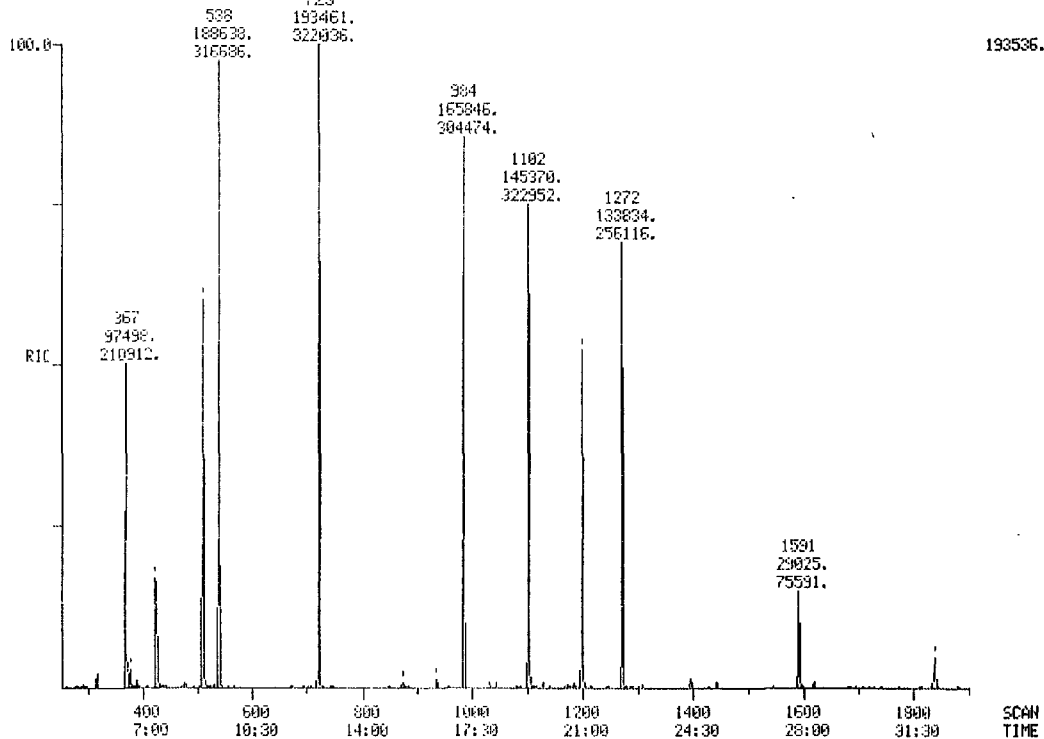


005455

11
11 13 84 17:12:00
SAMPLE: 1396F-11, LUL OF 1ML CONC., 500ML/ML
RANGE: G 1.1900 LABEL: N 4.10.0 QUAN: A 6, 2.0 BASE: U 30, 4

DATA: 5553501A #1
CALI: FC434 #22

SCANS 250 TO 1900



005456

Dioxins

WCS

California Analytical Laboratories Daily Calibration Summary

Native Conc ug/ml	ID	Injection Date	Injection Time	Standard ID	A320	A322	A323	A328	A332	A334	TCDD Isomer Resolutions		
											RF Native	RF Surr.	
PC	5	12/11/84	07:49:00	DH5841211	383264	488321	61317	280539	614543	777184		.99	11.90
0.20	5	12/11/84	08:27:00	ST5841211	147280	189328		374176	506838	639034	.73	.81	
1.00	5	12/11/84	08:49:00	ST5841211A	1028710	1320080		503535	663581	829826	.79	.82	
5.00	5	12/11/84	09:12:00	ST5841211B	9670200	12378100		990600	1156150	1458530	.84	.84	
0.20	5	12/11/84	14:31:00	ST5841211C	147216	193588		397423	502816	630892	.75	.87	
PC	5	12/11/84	14:52:00	DH5841211A	209119	266909	34165	174751	347328	438505		1.10	23.90

PC = Performance check solution

Average Response Factors used from three-point curve: Native RF = 0.79
Surr. RF = 0.82

005457

NIG MASS CHROMATOGRAMS

12/11/84 7:49:00

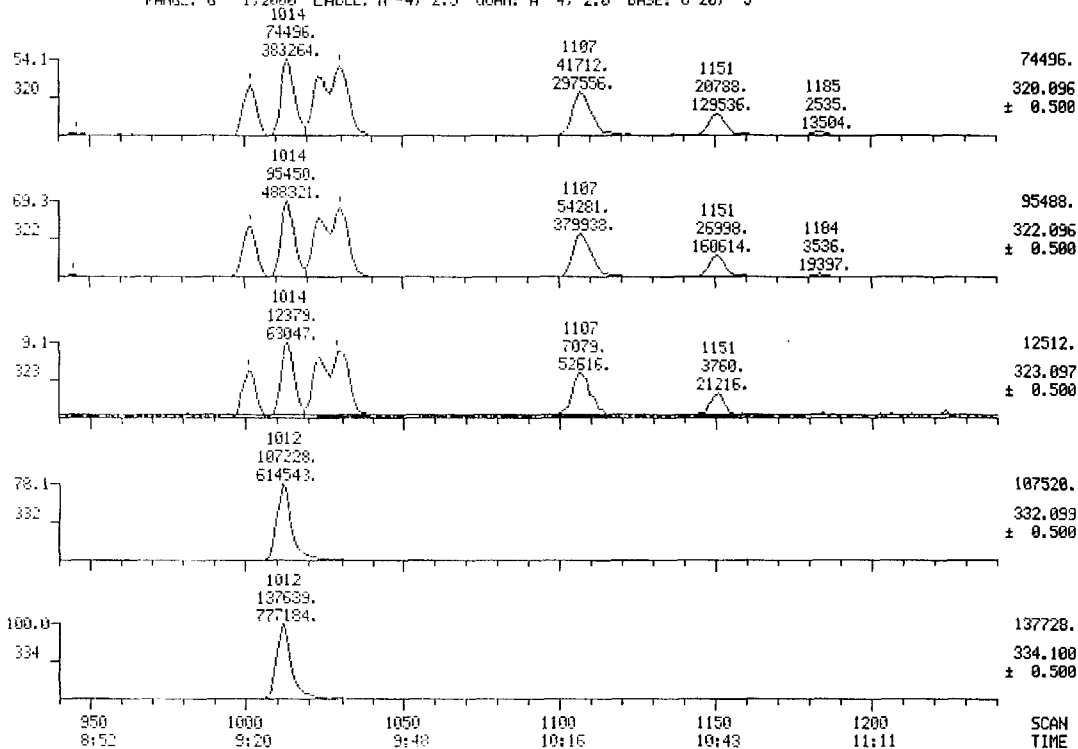
SAMPLE: ZUL OF CFSH

RANGE: G 1.2000 LABEL: N-4; 2.5 QUAN: A 4; 2.0 BASE: U 20; 5

DATA: DH5841211 #1450

SCANS 940 TO 1240

CALI: F5841211 #14



005458

MID MASS CHROMATOGRAMS

12/11/84 7:49:00

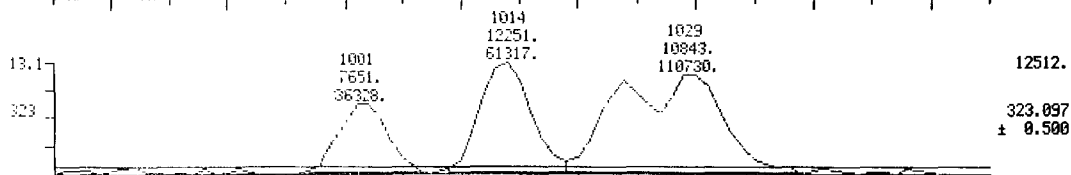
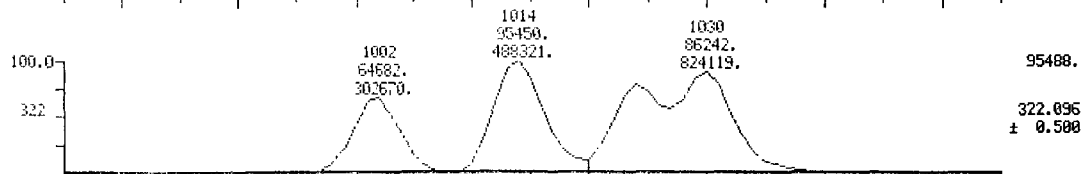
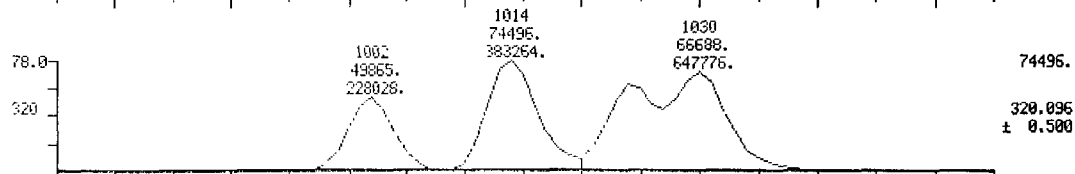
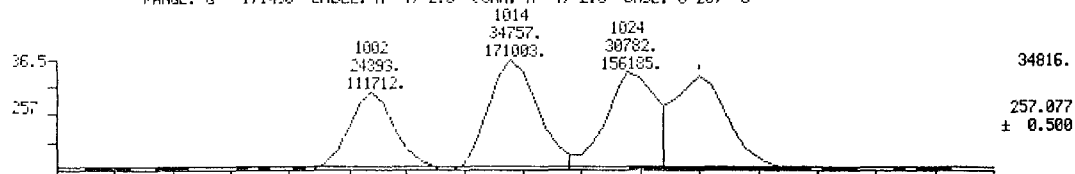
SAMPLE: DUL OF GPM

RANGE: G 1,1450 LABEL: N -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: DHS841211 #1450

SCANS 975 TO 1055

CALI: F5841211 #14



980 9:08 990 9:14 1000 9:20 1010 9:25 1020 9:31 1030 9:36 1040 9:42 1050 9:48

SCAN
TIME

005459

MID MASS CHROMATOGRAMS

12/11/84 7:49:00

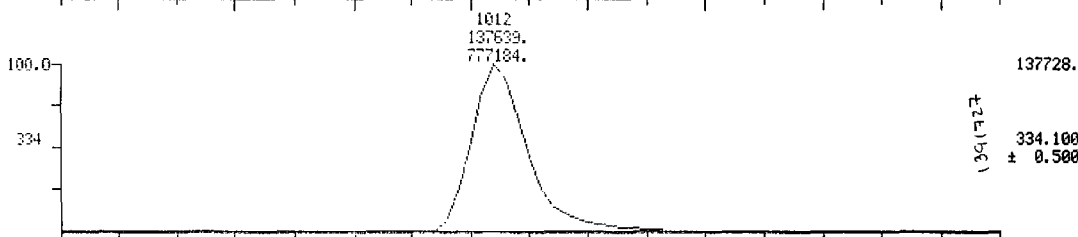
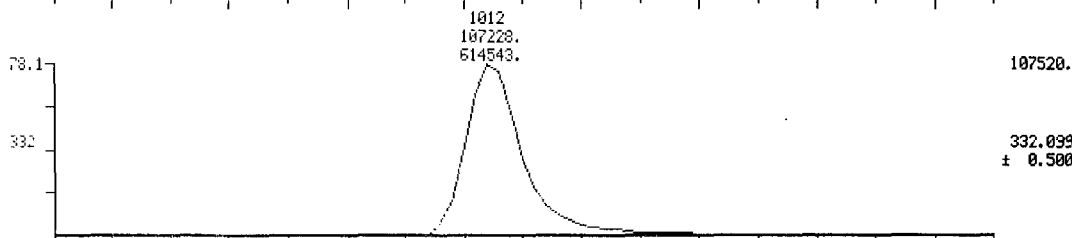
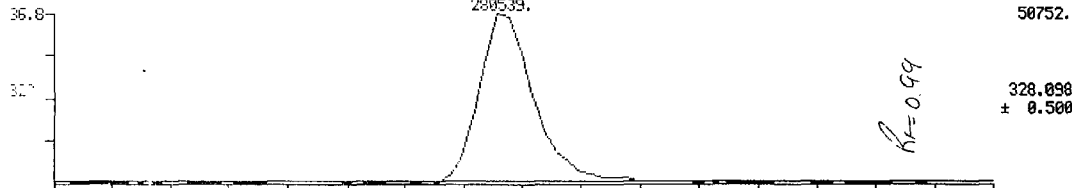
SAMPLE: CUL OF CPSM

RANGE: G 1,1450 LABEL: H -4, 2.5 CUIH: A 4, 2.0 BASE: U 20, 5

DATA: DHS841211 #1450

SCANS 975 TO 1055

CALI: F5841211 #14



980 9:08 990 9:14 1000 9:20 1010 9:25 1020 9:31 1030 9:36 1040 9:42 1050 9:48

SCAN
TIME

005460

MSD MASS CHROMATOGRAMS

12/11/84 7:49:00

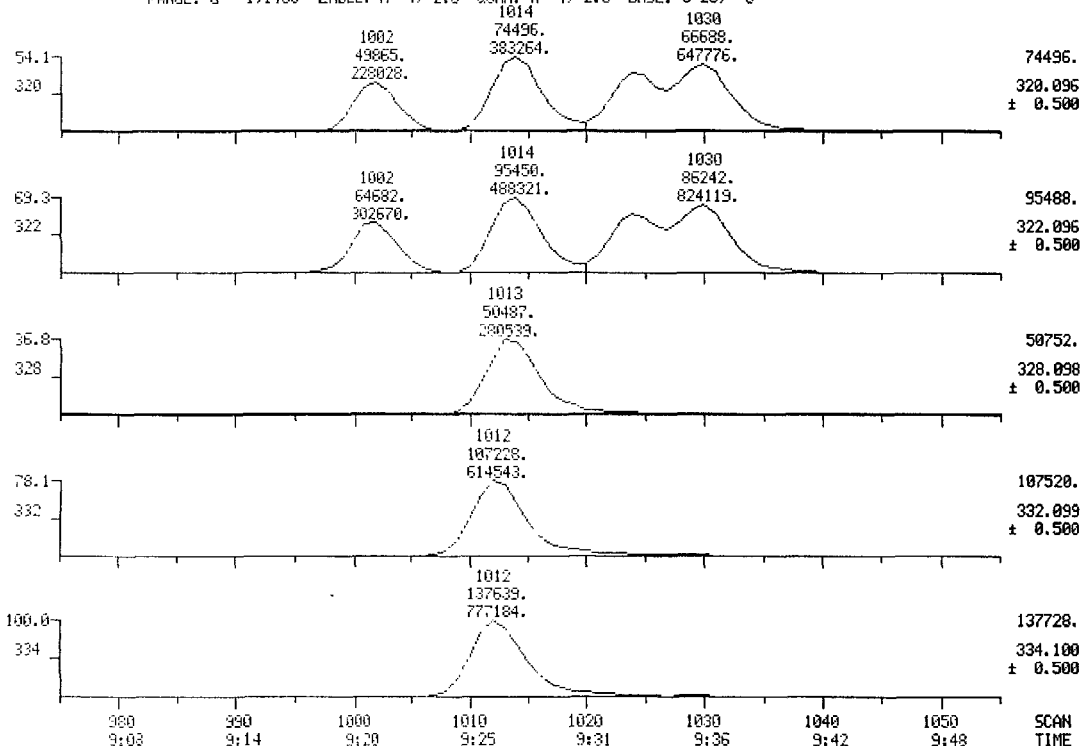
SAMPLE: 2UL OF CPSM

PHASE: G 1.1450 LABEL: H -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: 0H5841211 #1450

SCANS 975 TO 1055

CALI: F5841211 #14



005461

MID MASS CHROMATOGRAMS

12/11/84 7:49:00

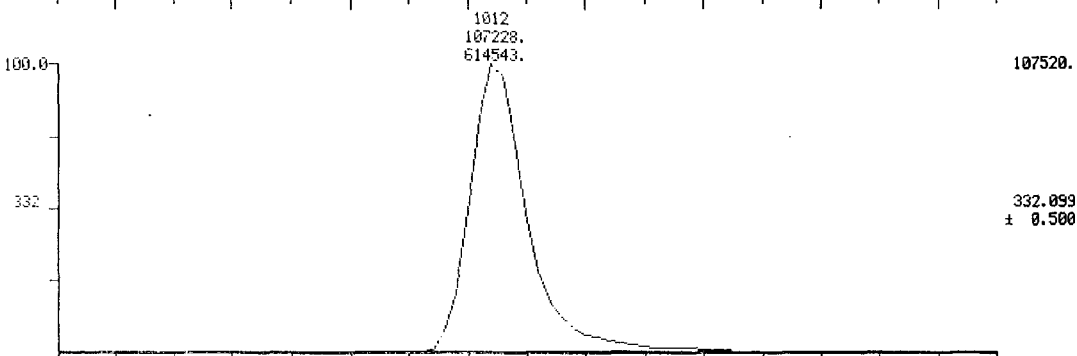
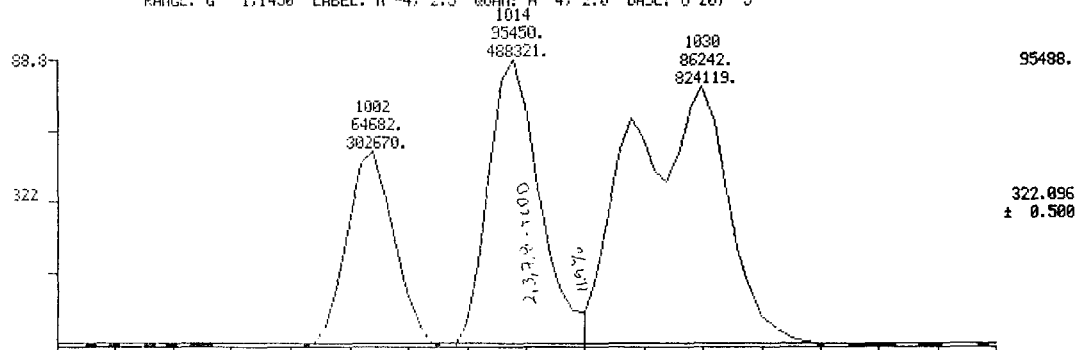
SAMPLE: 2UL OF CPSM

RANGE: G 1.1450 LABEL: H -4, 2.5 QUH1: H 4, 2.0 BASE: U 20, 5

DATA: DH5841211 #1450

SCANS 975 TO 1055

CALI: F5841211 #14



980 9:03 990 9:14 1000 9:20 1010 9:25 1020 9:31 1030 9:36 1040 9:42 1050 9:48

SCAN TIME

005462

HID H-SS CHROMATOGRAMS

12/11/84 8:27:00

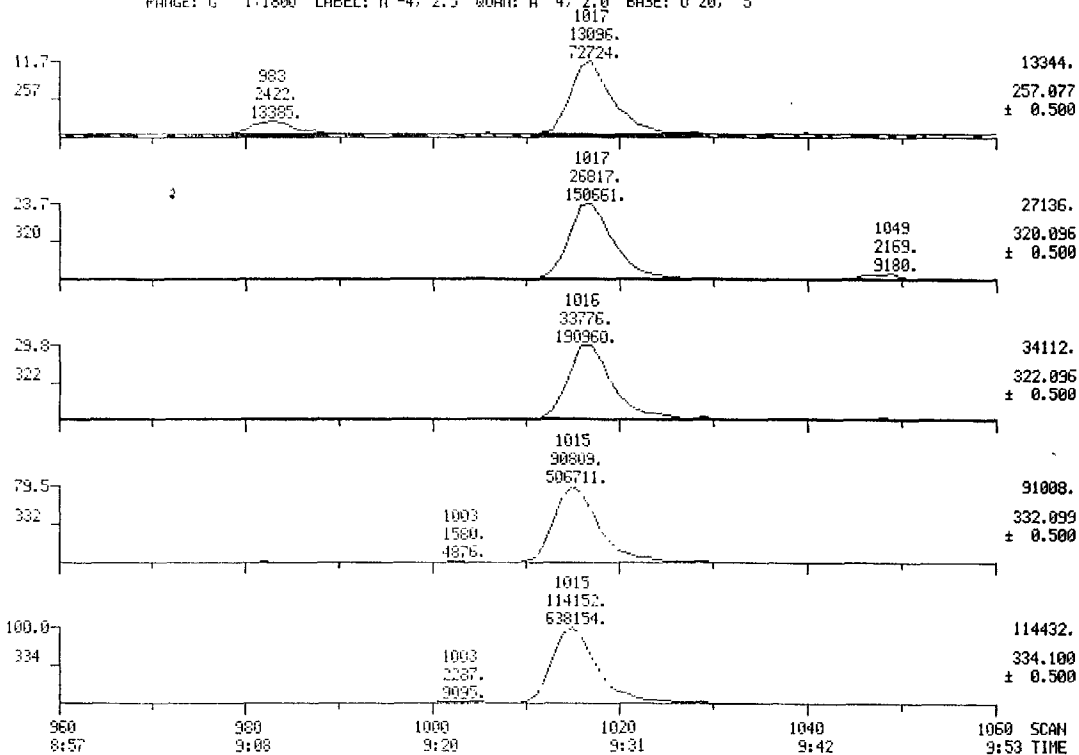
SAMPLE: ZUL OF 0.2HG UL TCOO STD MI: 001-320

PHASE: G 1.1800 LABEL: H-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: ST5841211 #1200

SCANS 950 TO 1050

CALI: F5841211 #14



005463

MID MASS CHROMATOGRAMS

DATA: ST5841211 #1200

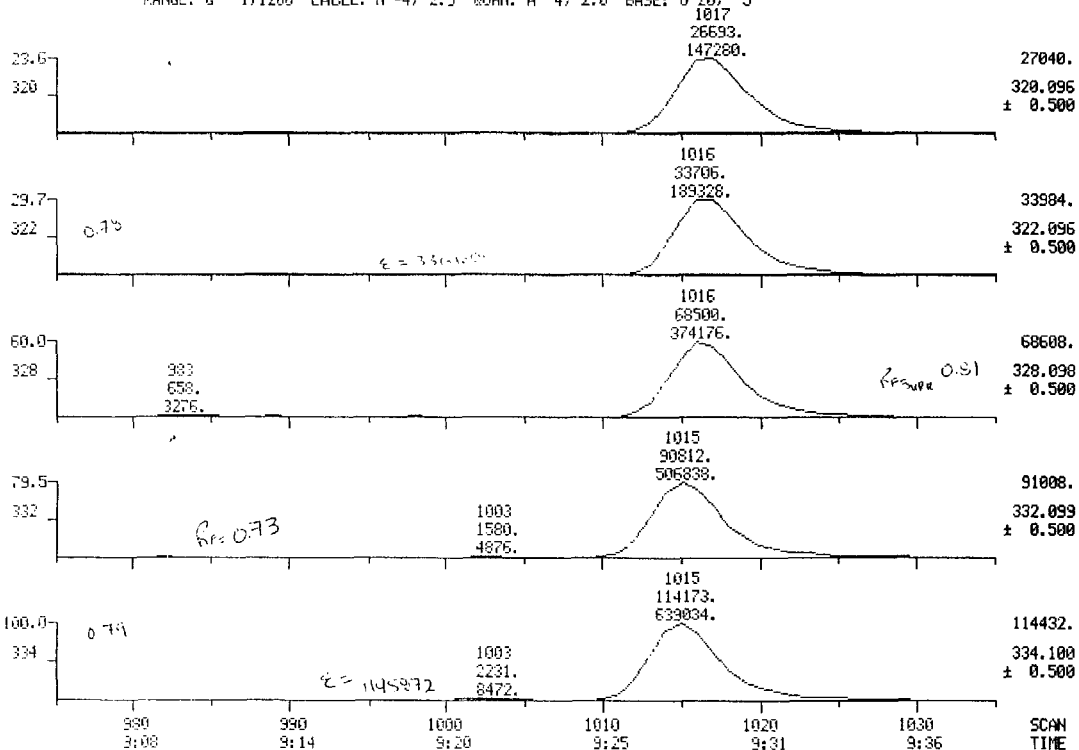
SCANS 975 TO 1035

12/11/84 9:27:00

CALI: F5841211 #14

SAMPLE: 2UL OF 0.2NG/UL TCDD STD MIX DDI-320

RANGE: G 1,1200 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5



005464

MID MASS CHROMATOGRAMS

12/11/84 8:27:00

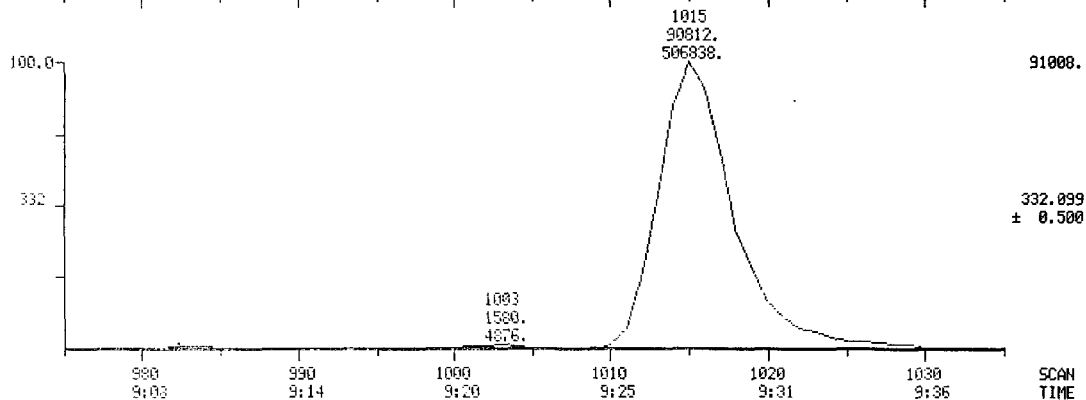
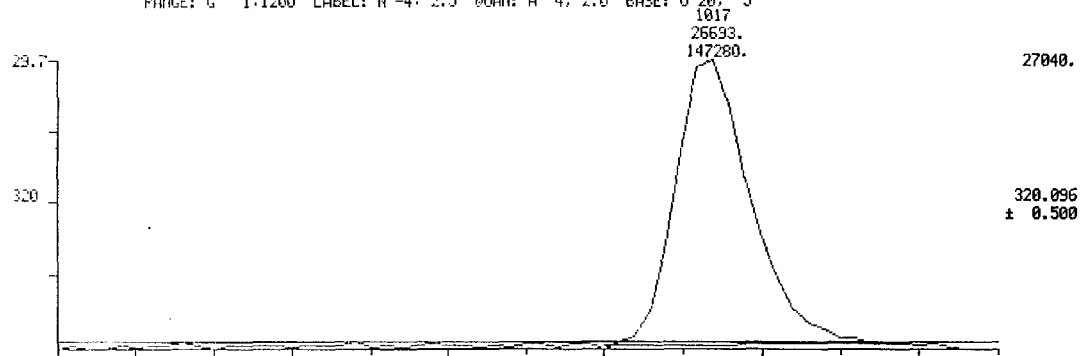
SAMPLE: CUL OF 0.2MG/UL TCDD STD MIX DUI-320

INJ: G 1.1200 LABEL: N-4. 2.5 QUANT: A 4. 2.0 INSE: U 20. 5

DATA: ST5841211 #1200

SCANS 975 TO 1035

CALI: F5841211 #14



SCAN
TIME
005465

NID MASS CHROMATOGRAMS

12/11/84 8:27:00

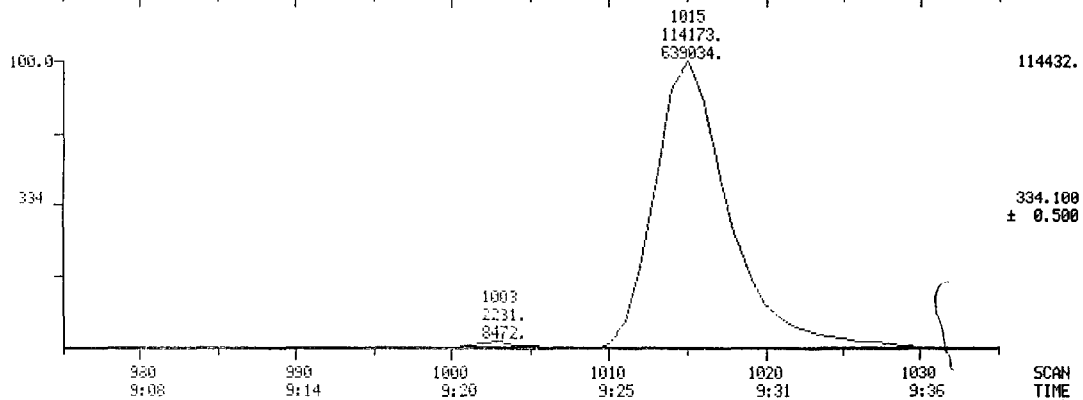
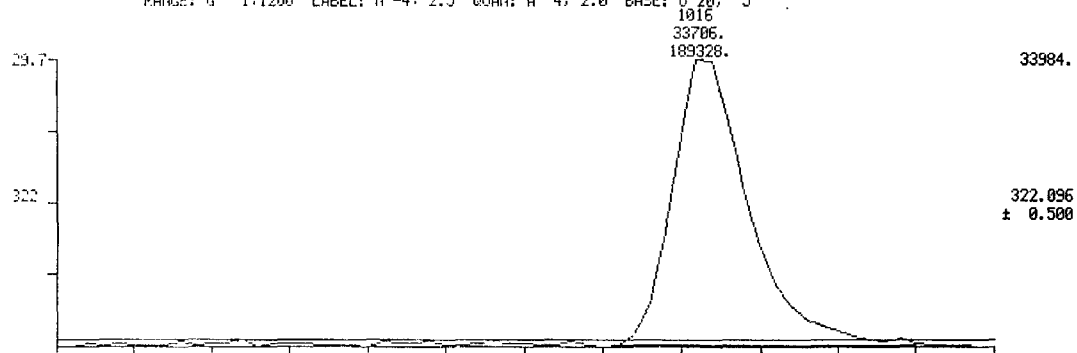
SAMPLE: 2UL OF 0.2MG-UL TCDD STD MIX: DDI-32D

RANGE: G 1.1200 LABEL: H-4. 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: ST5841211 #1200

SCANS 975 TO 1035

CALI: F5841211 #14



SCAN
TIME
005466

MID MASS CHROMATOGRAMS

DATA: ST5841211A #1200

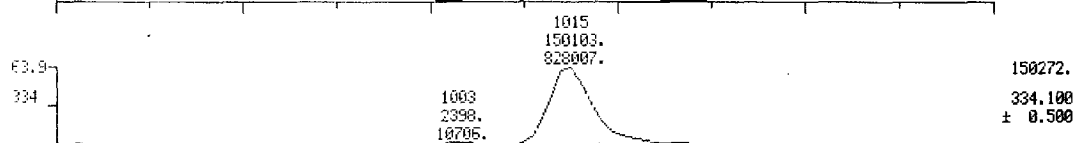
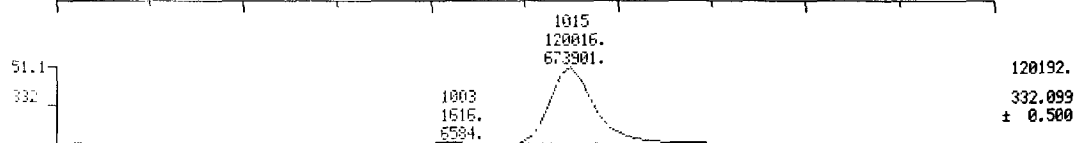
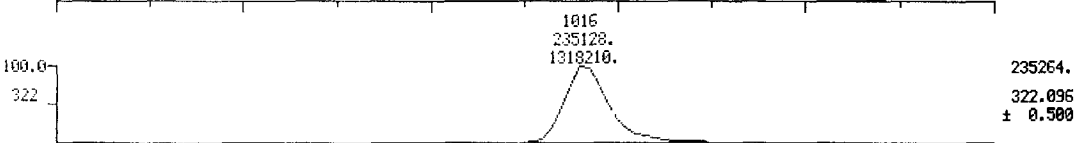
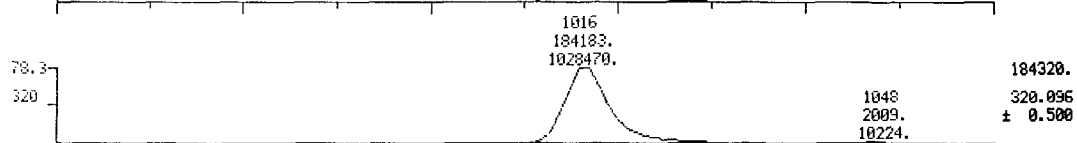
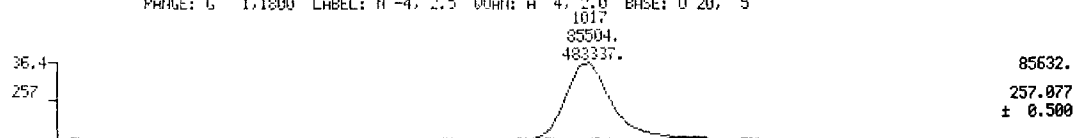
SCANS 960 TO 1060

12/11/84 8:49:00

CALI: F5841211 #14

SAMPLE: 20L OF 1.0MG-UL TCDD STD MIX DB1-32E

RANGE: G 1.1800 LABEL: N-4, 2.5 CURR: H 4, 2.0 BASE: U 20, 5



960 8:57 980 9:08 1000 9:20 1020 9:31 1040 9:42 1060 9:53 SCAN TIME

005467

NID MASS CHROMATOGRAMS

12/11/84 8:43:08

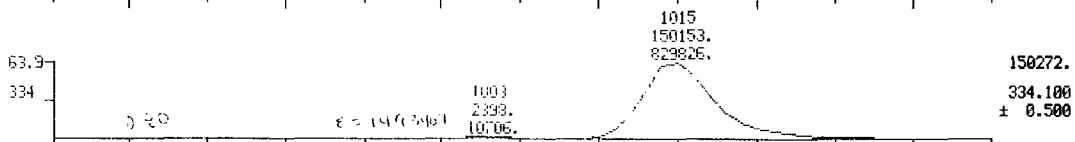
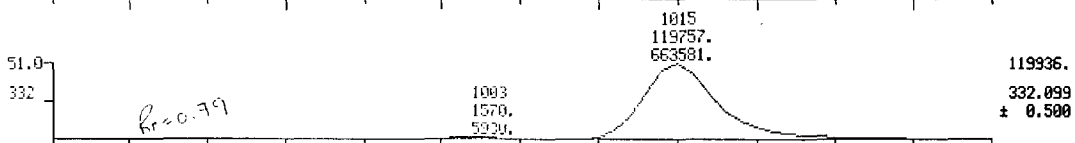
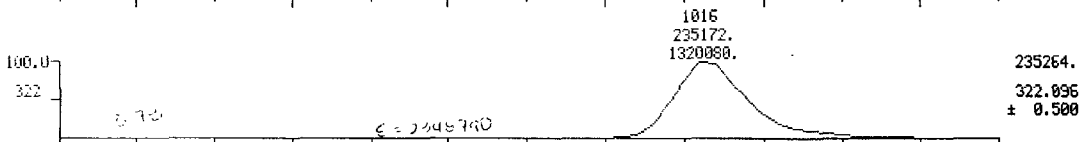
SAMPLE: 2UL OF 1.0MG/UL TSD STD MIX DDI-32E

RANGE: G 1.1200 LABEL: H-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: ST5841211A #1200

SCANS 975 TO 1035

CALI: F5841211 #14



980
9:08

990
9:14

1000
9:20

1010
9:25

1020
9:31

1030
9:36

SCAN
TIME

005468

MID MASS CHROMATOGRAMS

12/11/84 8:49:00

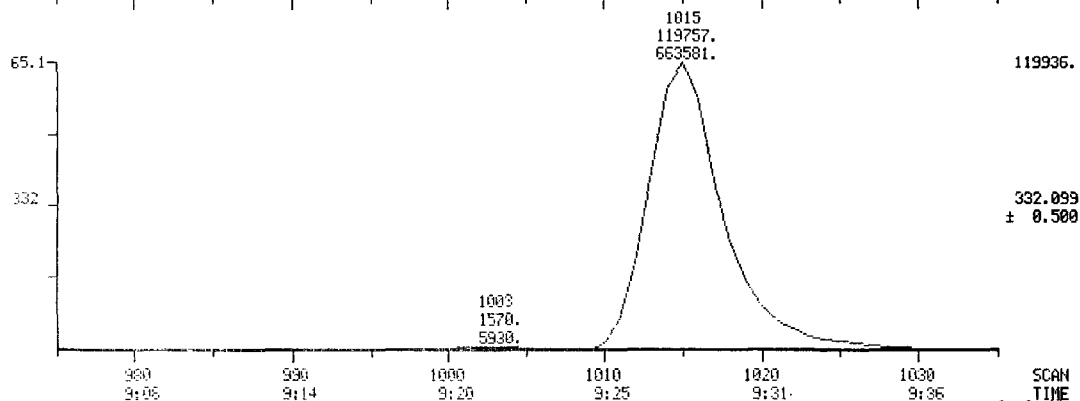
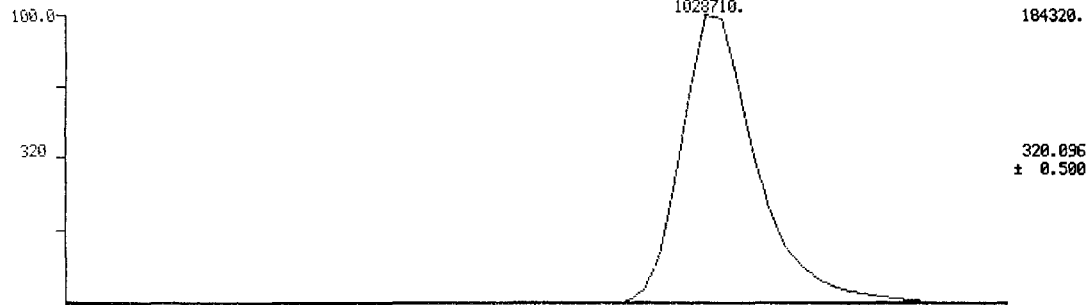
SAMPLE: 20L OF 1.0MG/UL TCDD STD MIX D01-32E

RANGE: G 1.1200 LABEL: N-4, 2.5 DWIN: A 4, 2.0 BASE: U 20, 5

DATA: ST5841211A #1200

SCANS 975 TO 1035

CALI: F5841211 #14



MID MASS CHROMATOGRAMS

12/11/84 8:49:00

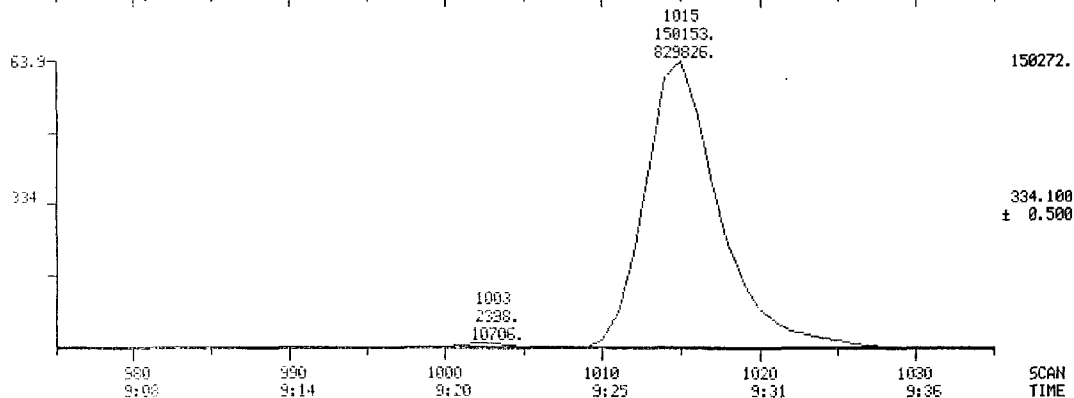
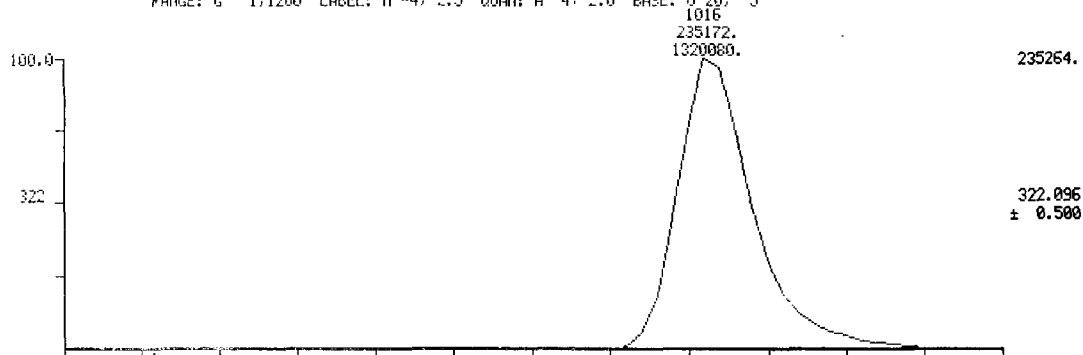
SAMPLE: 2UL OF 1.0MG UL TCDD STD MIX: DDI-32E

RANGE: 6 1.1200 LABEL: H-4, 2.5 QUANT: A 4, 2.0 BASE: 0.20, 5

DATA: ST5841211A #1200

SCANS 975 TO 1035

CAL: F5841211 #14



MID MASS CHROMATOGRAMS

DATA: ST5841211B #1200

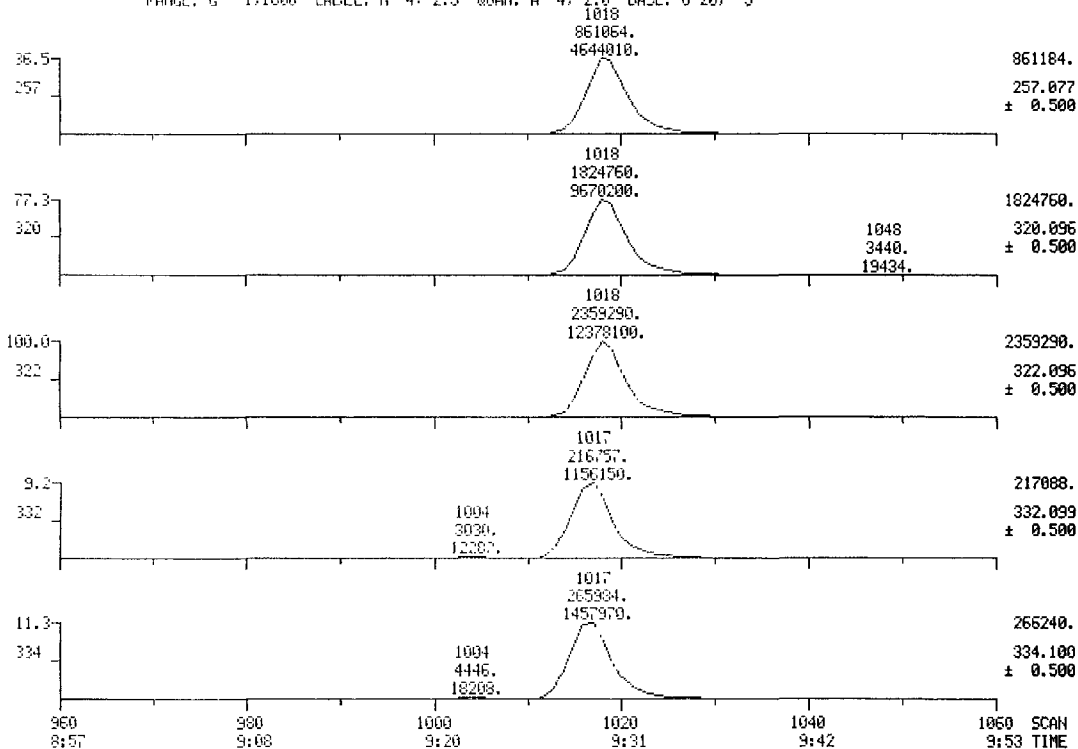
SCANS 960 TO 1060

12-11-84 9:12:00

CALI: F5841211 #14

SAMPLE: 2UL OF 5.0MG UL TCDD STD MIX DDI-33A

PHASE: G 1.1800 LABEL: H -4. 2.5 QUAN: A 4. 2.0 BASE: U 20. 5



005471

MID MASS CHROMATOGRAMS

12/11/84 9:12:00

SAMPLE: ZUL OF 5.0MG/UL TODD STD MIX 001-33A

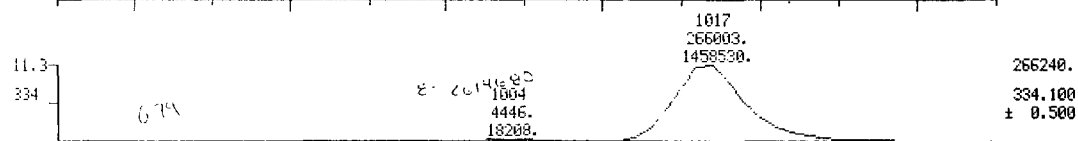
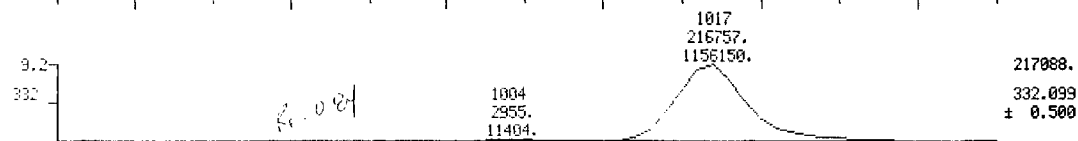
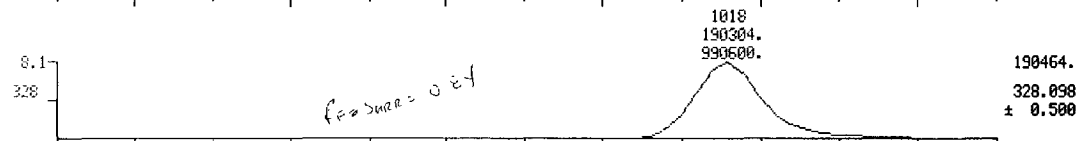
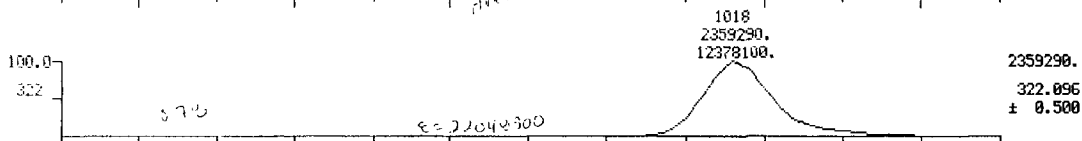
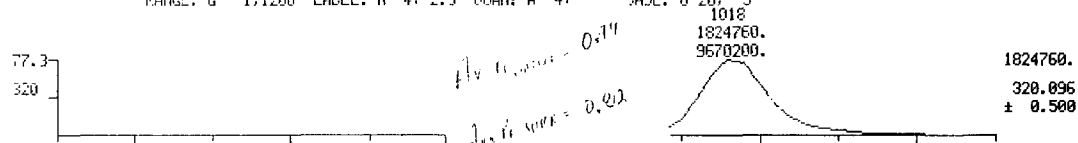
RANGE: G 1.1200 LABEL: N-4. 2.5 00HR: R 4. 00

DATA: ST58412118 #1200

SCANS 975 TO 1035

CAL1: F5841211 #14

BASE: U 20. 5



9:09

9:14

9:20

9:25

9:31

9:36

SCAN
TIME

005472

MID MASS CHROMATOGRAMS

DATA: ST5841211B #1200

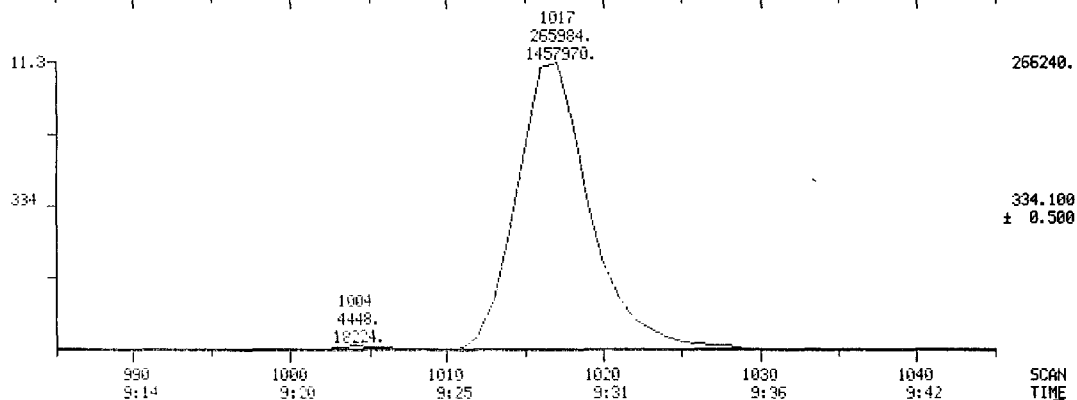
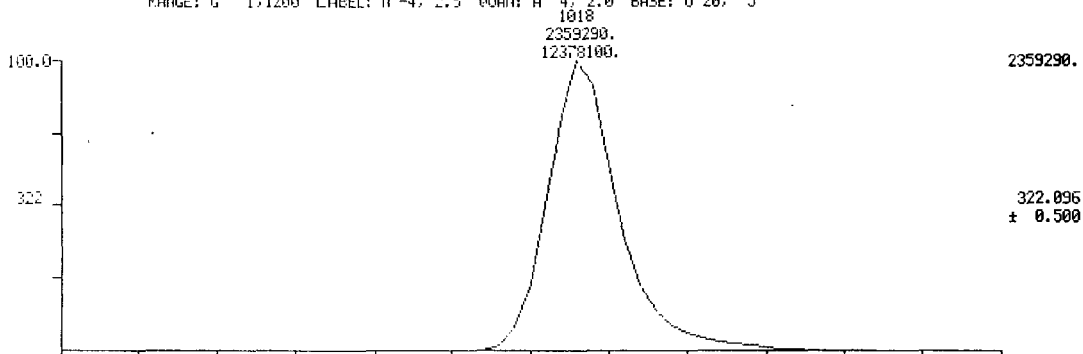
SCANS 985 TO 1045

12/11/84 9:12:00

CALI: F5841211 #14

SAMPLE: QUL OF 5.0MG/UL TCDD STD MI: DDI-33A

RANGE: G 1:1200 LABEL: H-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5



SCAN
TIME
005473

MID MASS CHROMATOGRAMS

12/11/84 14:31:00

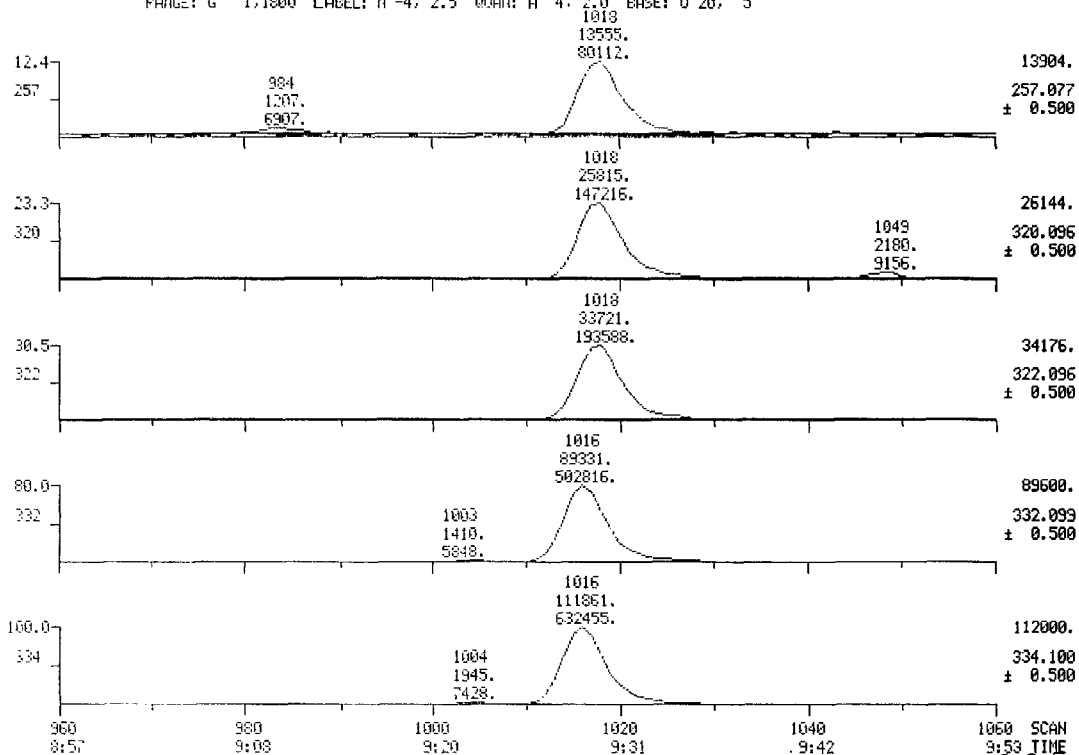
SAMPLE: 2UL OF 0.2MG/UL TCDD STD MIX; DDI-320

RANGE: G 1.1800 LABEL: H-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: ST5841211C #1200

SCANS 960 TO 1060

CALL: F5841211 #14



005474

MID MASS CHROMATOGRAMS

DATA: ST5841211C #1200

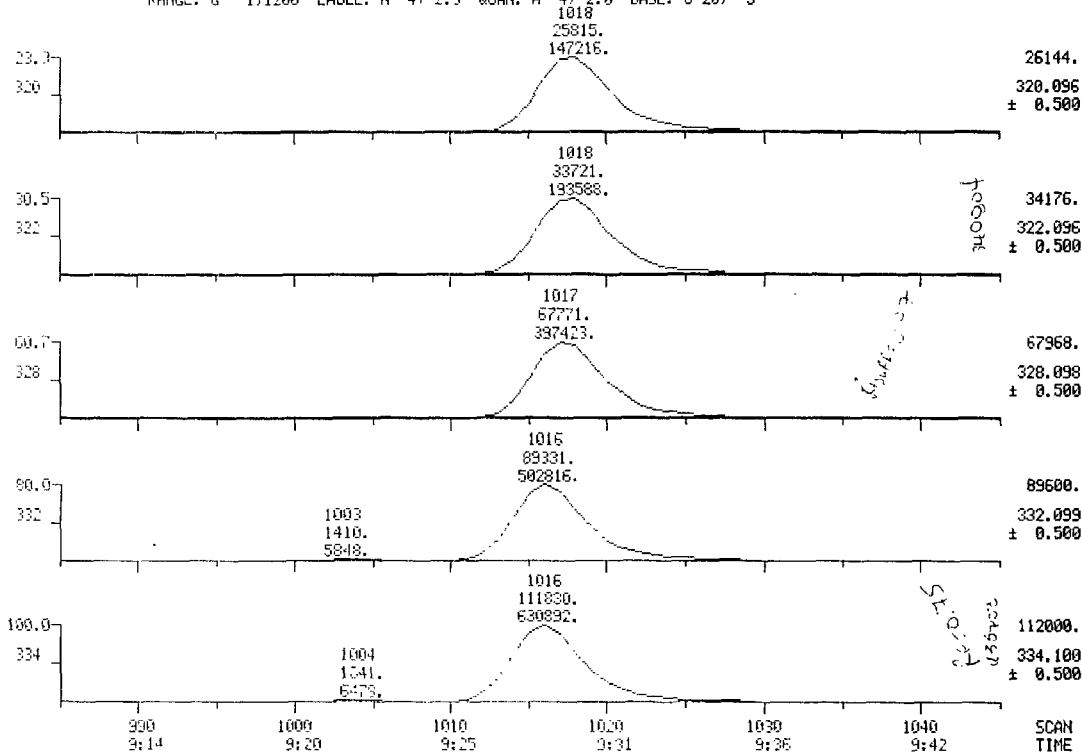
SCANS 985 TO 1045

12/11/84 14:31:00

CALI: F5841211 #14

SAMPLE: 2UL OF 0.2MG/UL TCDD STD MIX DDI-320

RANGE: G 1.1200 LABEL: N-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5



005475

MID MASS CHROMATOGRAMS

12/11/84 14:31:00

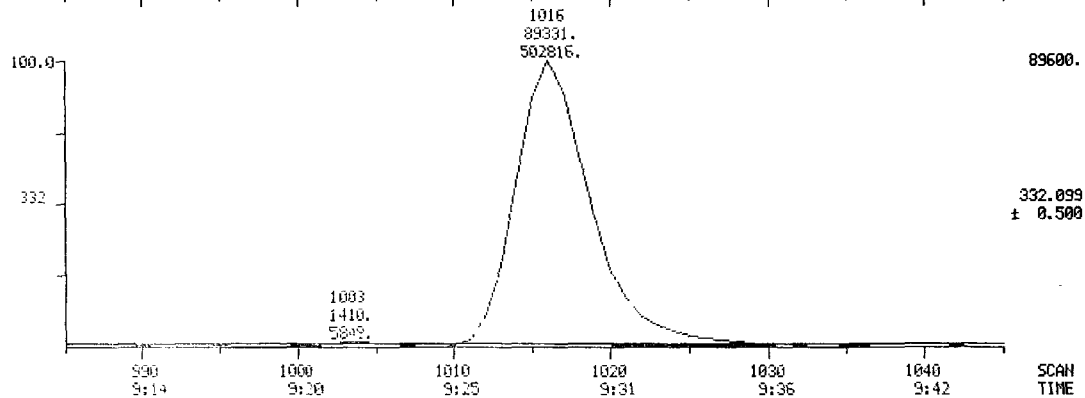
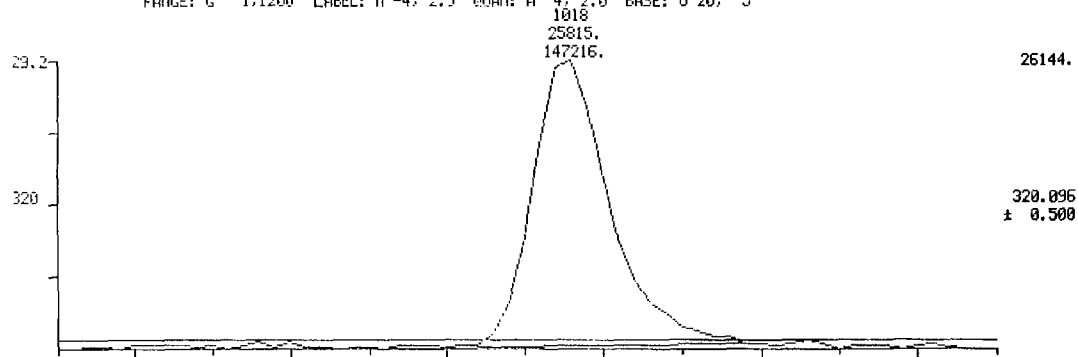
SAMPLE: 2UL OF 0.2MG/UL TCDD STD MIX: DOI-320

RANGE: G 1:1200 LABEL: H -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: ST5841211C #1200

SCANS 985 TO 1045

CALI: F5841211 #14



005476

MID INES CHROMATOGRAMS

12/11/84 14:31:00

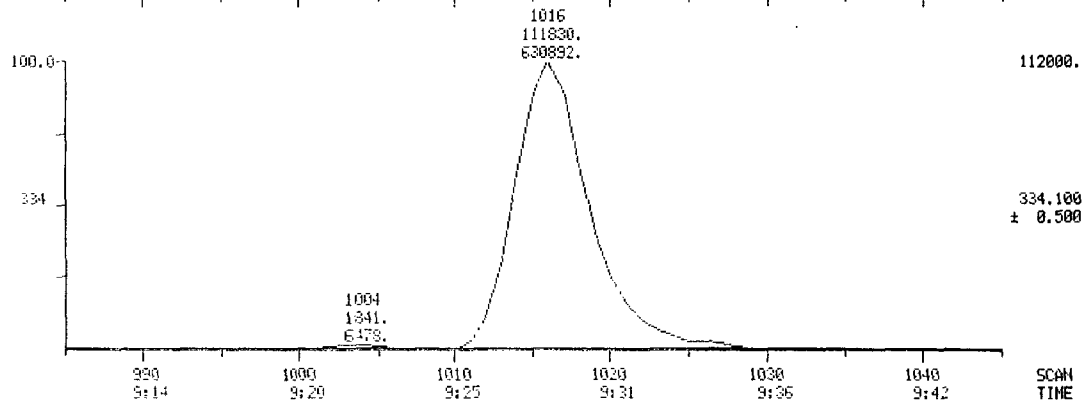
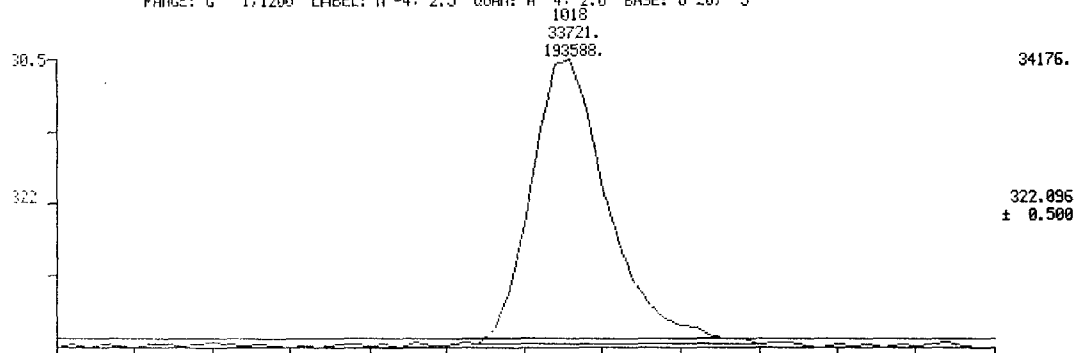
SAMPLE: 20L OF 0.2MG/UL TCDD STD MIX DOI-320

PHASE: G 1.1200 LABEL: H-4. 2.5 QUANT: A 4. 2.0 BASE: U 20. 5

DATA: ST5841211C #1200

SCANS 985 TO 1045

CAL1: F5841211 #14



005477

HID MASS CHROMATOGRAMS

12/11 '84 14:52:00

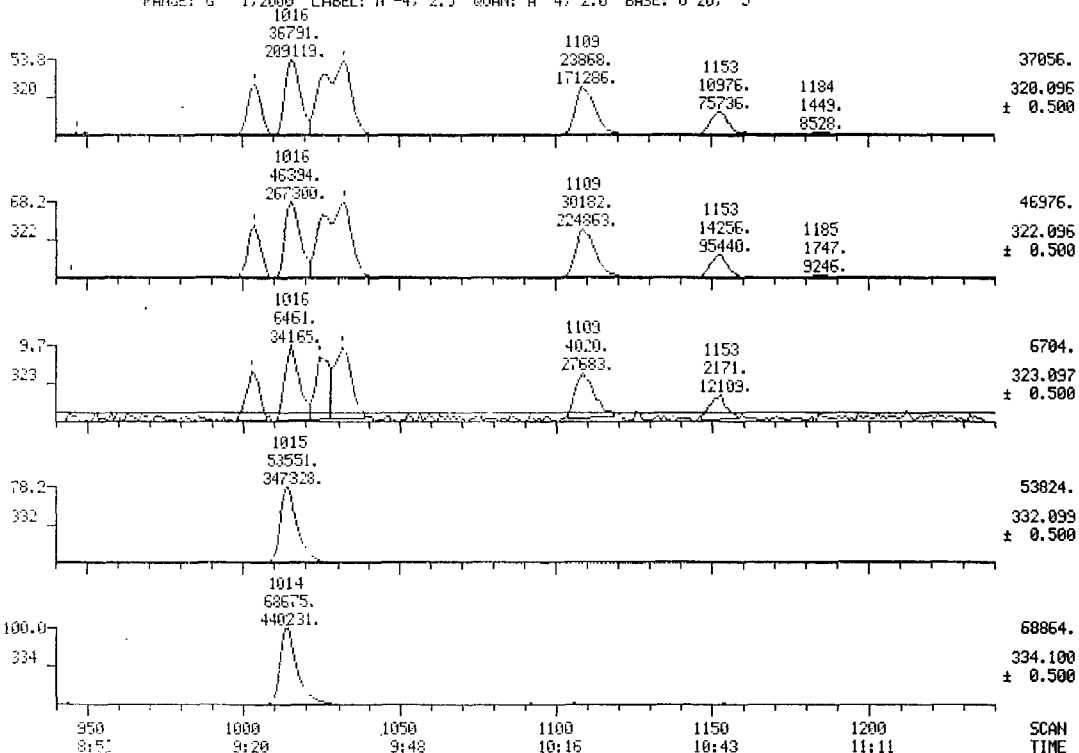
SAMPLE: 2UL OF CPSH

PHASE: G 1.2000 LABEL: H -4, 2.5 @UNH: A 4, 2.0 BASE: U 20, 5

DATA: DH5841211A #1450

SCANS 940 TO 1240

CALI: F5841211 #14



005478

MID PHASE CHROMATOGRAMS

12/11/84 14:52:00

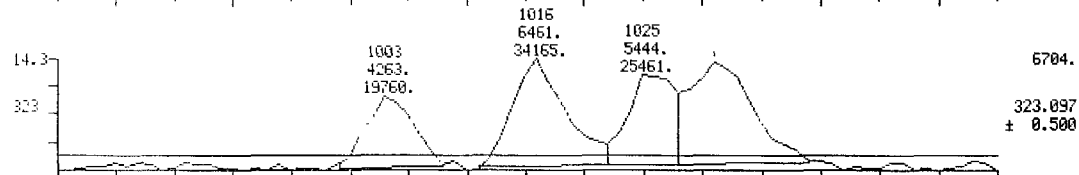
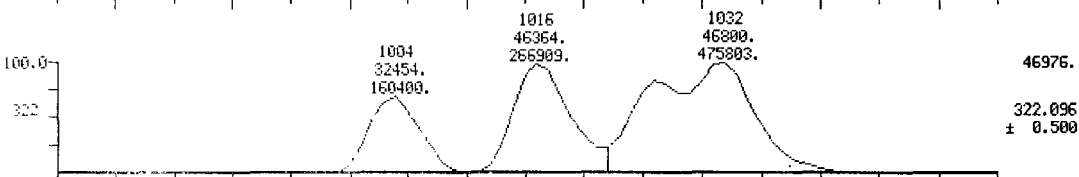
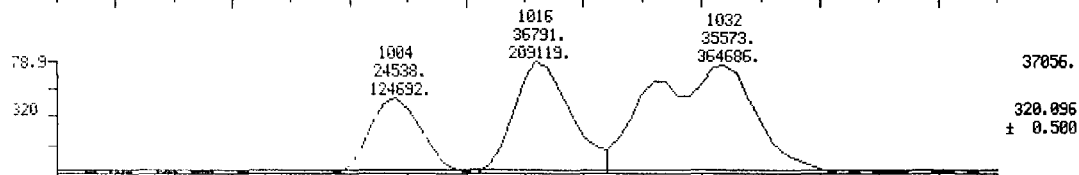
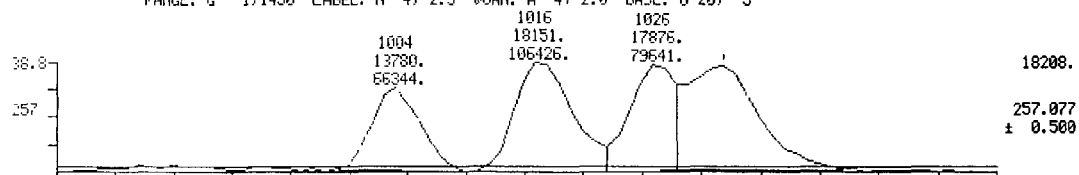
SAMPLE: 2UL OF CPSM

RANGE: G 1,1450 LABEL: H-4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: DH5841211A #1450

SCANS 975 TO 1055

CALI: F5841211 #14



980 9:08 990 9:14 1000 9:20 1010 9:25 1020 9:31 1030 9:36 1040 9:42 1050 9:48

SCAN
TIME

005479

MID MASS CHROMATOGRAMS

12/11/84 14:52:00

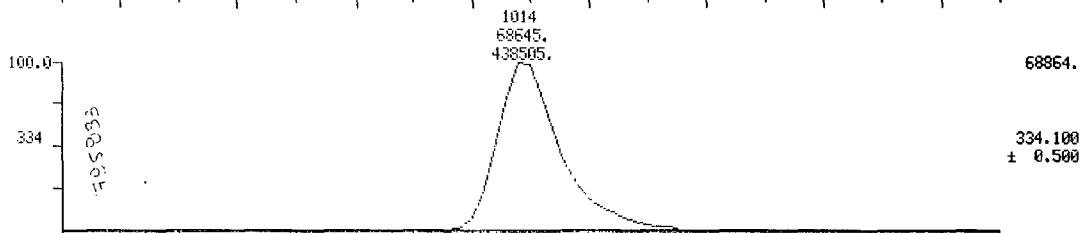
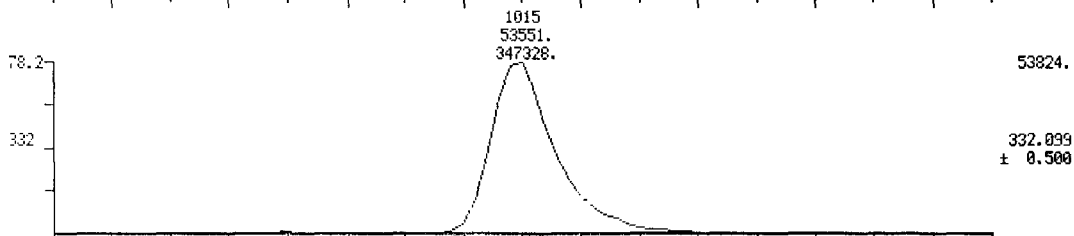
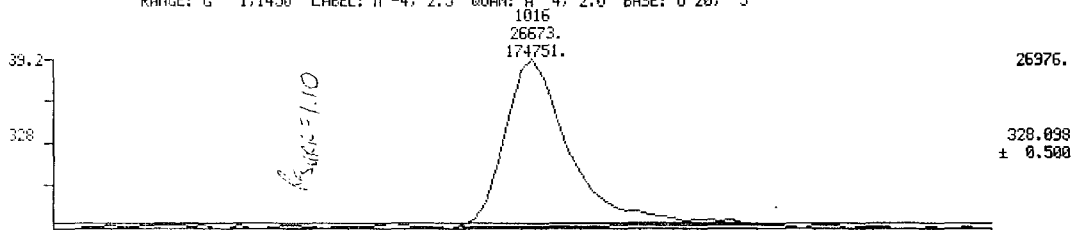
SAMPLE: ZUL OF CP3M

RANGE: G 1.1450 LABEL: II -4, 2.5 QUAN: A 4, 2.0 BASE: U 20, 5

DATA: DHS841211A #1450

SCANS 975 TO 1055

CALI: FS841211 #14



980 9:08 990 9:14 1000 9:20 1010 9:25 1020 9:31 1030 9:35 1040 9:42 1050 9:48

SCAN
TIME

005480

MTO MASS CHROMATOGRAMS

12/11/84 14:52:00

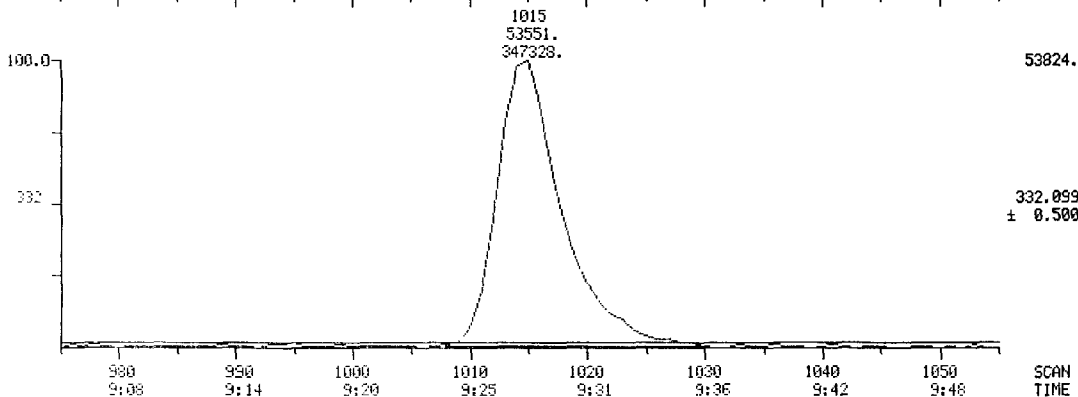
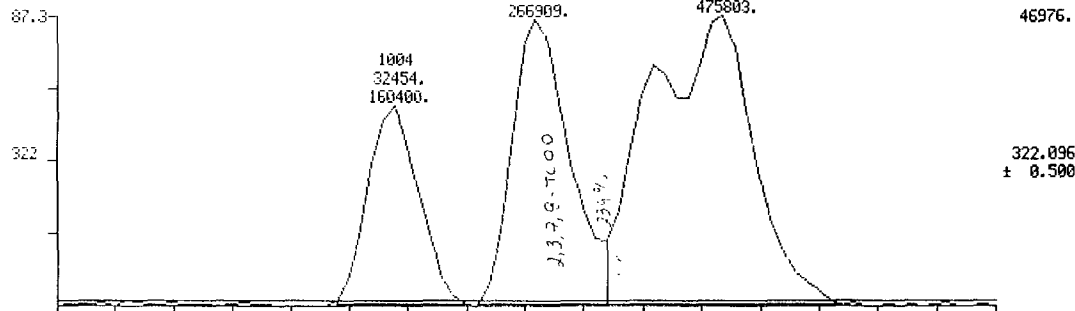
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DATA: DHS941211A #1450

SCANS 975 TO 1055

CALI: F5841211 #14



SCAN
TIME
005481

MID MASS CHROMATOGRAMS

12/11/84 14:52:00

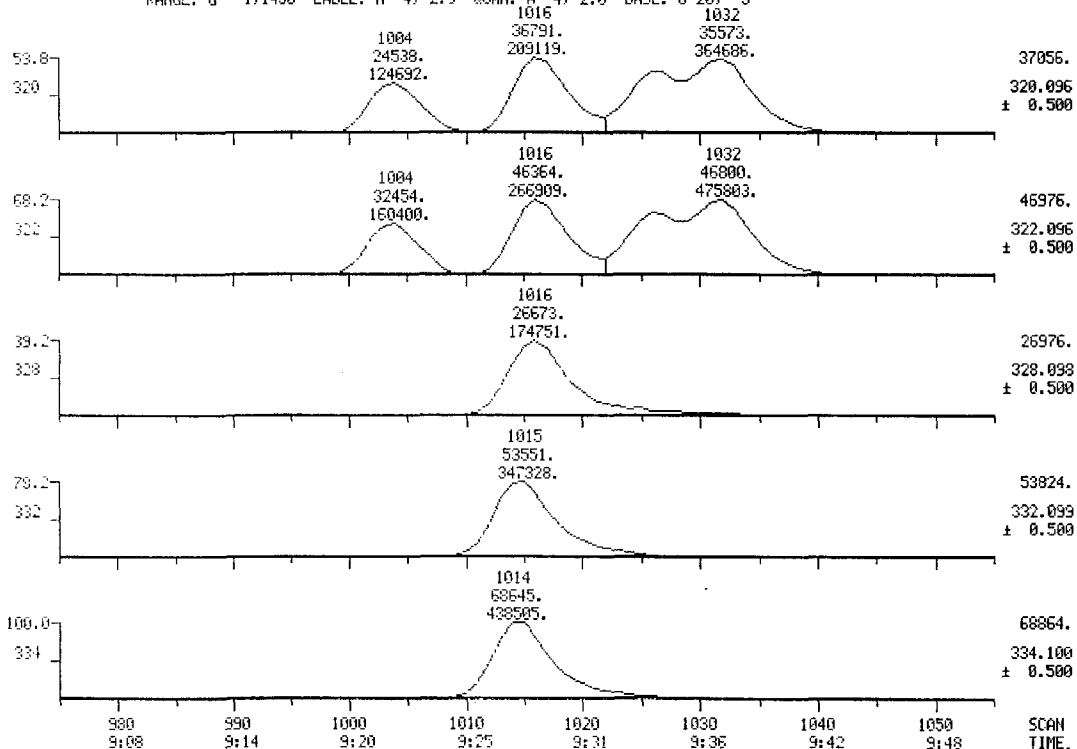
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SCANS 975 TO 1055

CALI: F5841211 #14



005482