Comments for Sample AE00948 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 15:28:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compolunds. The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 15:28:14

Sample: AE00948
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 15:24 Ended: 2/27/02 15:24 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022202\0948.D Vial: 15
Acq On : 23 Feb 2002 12:28 am Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:26:01 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1008998	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	2653017	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	1440264	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	2167345	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	2059694	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	1454475	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.47	235	135522	3.94	ug/L	0.00
Spiked Amount 5.000			Recovery = 78.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	d	
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.		
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2 ' - oxybis (1-Chloropr	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	18.16	165	187682	9.37	ug/L #	25
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	24.67	149	15294	0.11	ug/L	88
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	30.34	228	4855	0.04	ug/L	39
42) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
43) Chrysene	30.34	228	4855	0.04	ug/L	37
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 23 Feb 2002 12:28 am Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 06:26:01 2002 Quant Results File: 5080202.RES

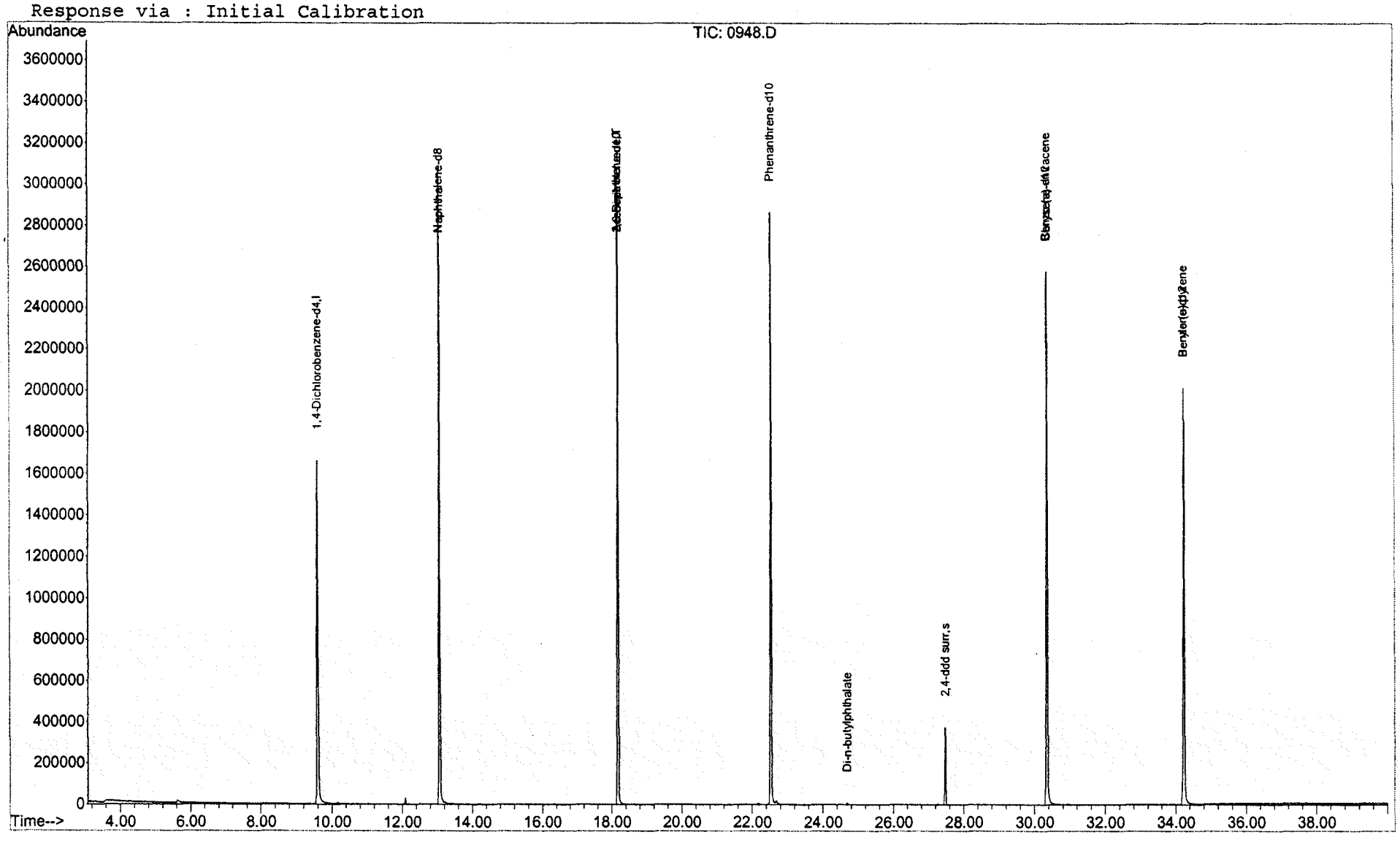
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (a) pyrene	34.21	252	5761	0.05 ug/L	78
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
0948.D 5080202.M Wed Feb 27 11:41:53 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\022202\0948.D Vial: 15
Acq On : 23 Feb 2002 12:28 am Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Feb 27 11:41 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022202\0948.D Vial: 15
Acq On : 23 Feb 2002 12:28 am Operator: McLean
Sample : 1/14/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

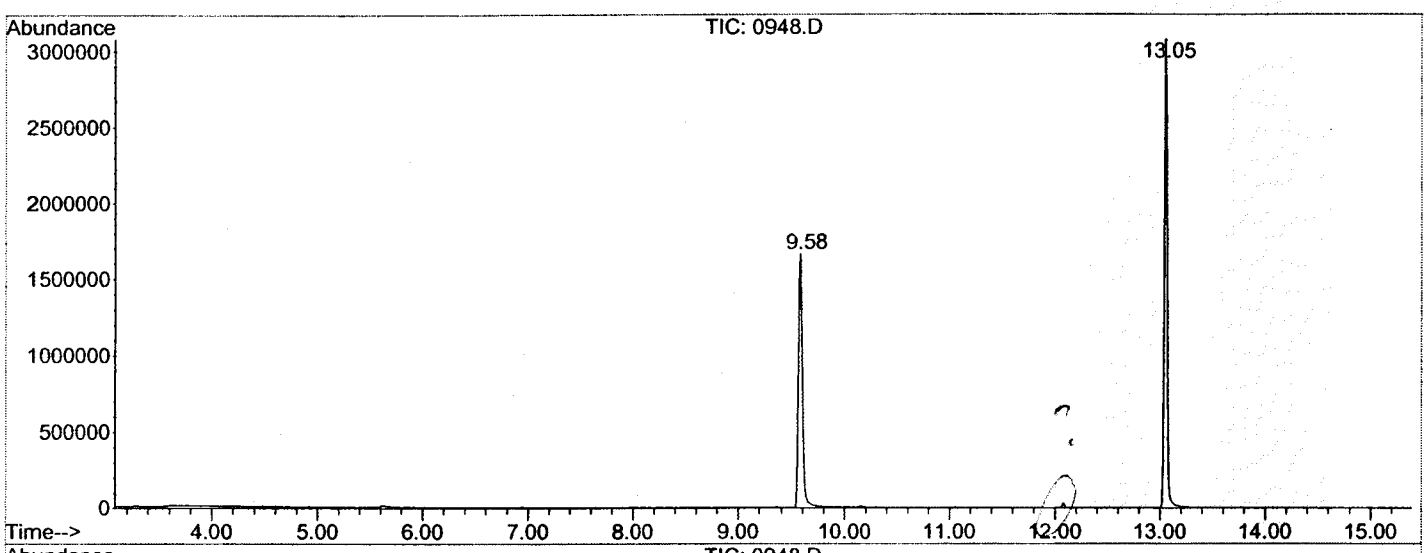
Signal : TIC

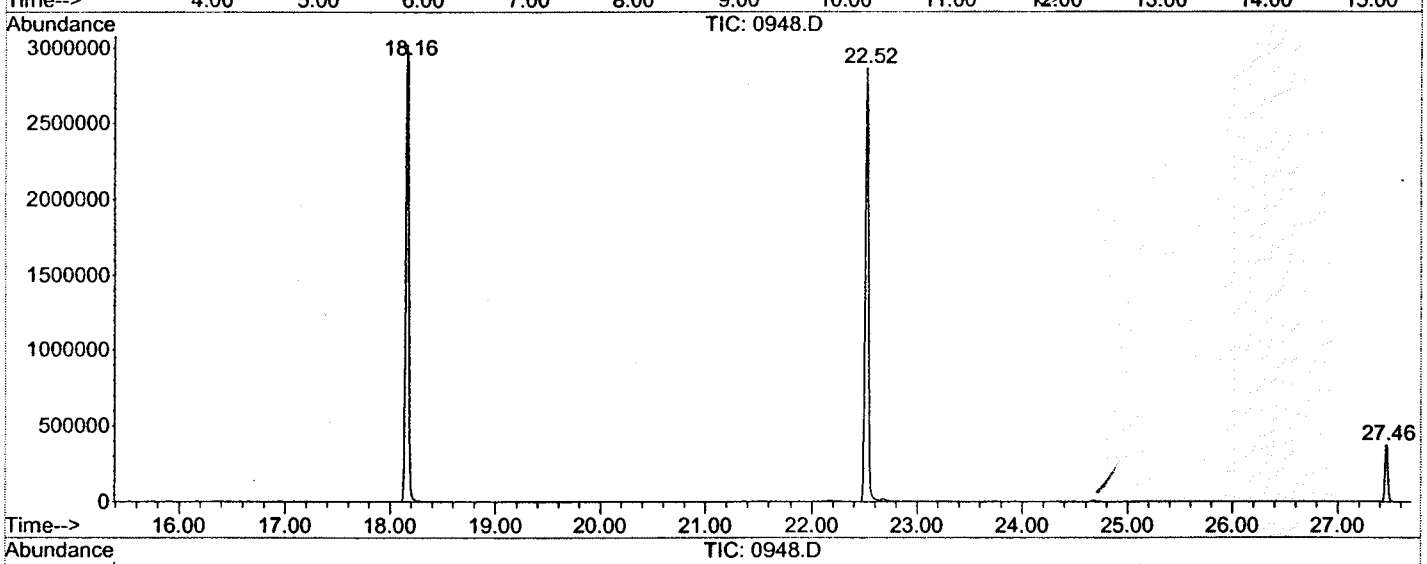
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.579	712	717	738	rBV	1660827	4250853	70.82%	12.692%
2	13.053	1095	1100	1115	rBV	3076045	5728717	95.44%	17.105%
3	18.160	1658	1663	1678	rBV	3020566	6001599	99.99%	17.920%
4	22.523	2138	2144	2156	rBV2	2864863	5994074	99.86%	17.898%
5	27.457	2684	2688	2696	rBV	373539	695035	11.58%	2.075%
6	30.341	2999	3006	3018	rBV2	2578655	6002236	100.00%	17.922%
7	34.214	3426	3433	3455	rBV2	2013531	4818602	80.28%	14.388%

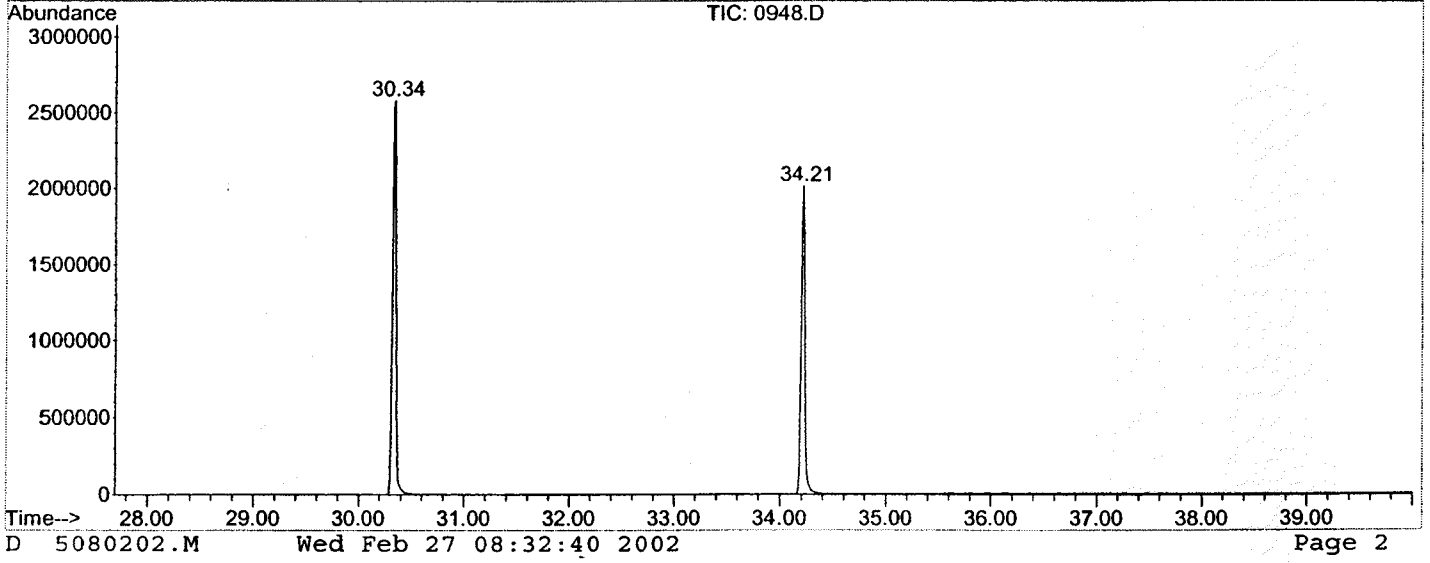
Sum of corrected areas: 33491116

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022202\0948.D
Operator : McLean
Acquired : 23 Feb 2002 12:28 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 1/14/02
Misc Info :
Vial Number: 15
Quant File :5080202.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 23 Feb 2002 12:28 am
Data File: C:\MSDCHEM\1\DATA\022202\0948.D
Name: 1/14/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc