

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 08:56:39

Sample: AE06983
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/22/02 08:56 Ended: 4/22/02 08:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE06983 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-22-2002 Time: 08:57:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 7 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\6983.D
 Acq On : 18 Apr 2002 8:45 pm
 Sample : GC/MS SCAN 3/25
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 19 8:52 2002

Vial: 10
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Apr 17 11:48:30 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	592263	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2144307	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1193751	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1744814	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1168850	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	769926	20.00	ug/l	-0.05

System Monitoring Compounds

28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount	10.000		Recovery	=	0.00%	
38) 2,4-DDD	30.66	235	84169	4.14	ug/mL	0.16
Spiked Amount	5.000		Recovery	=	82.80%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.49	74	107	N.D.	
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	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-Chloropropan	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) methane	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	15.90	128	105	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	0.00	165	0	N.D.	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	21.55	165	362	N.D.	
25) Diethylphthalate	22.62	149	892	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	

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

6983.D GCMS0412.M Fri Apr 19 08:52:59 2002

Page 1

Quantitation Report (QT Reviewed)

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 Sample : GC/MS SCAN 3/25
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 19 8:52 2002

Vial: 10
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Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Apr 17 11:48:30 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	625	N.D.	
35) Anthracene	25.58	178	625	N.D.	
36) Di-n-butylphthalate	27.56	149	1602	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.64	228	2899	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	88661	3.02 ug/l	99
44) Chrysene	33.71	228	186	N.D.	
46) Di-n-Octylphthalate	35.59	149	186	N.D.	
47) Benzo(b)fluoranthene	36.76	252	207	N.D.	
48) Benzo(k)fluoranthene	36.76	252	207	N.D.	
49) Benzo(a)pyrene	37.87	252	2990	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
 6983.D GCMS0412.M Fri Apr 19 08:53:00 2002

Page 2

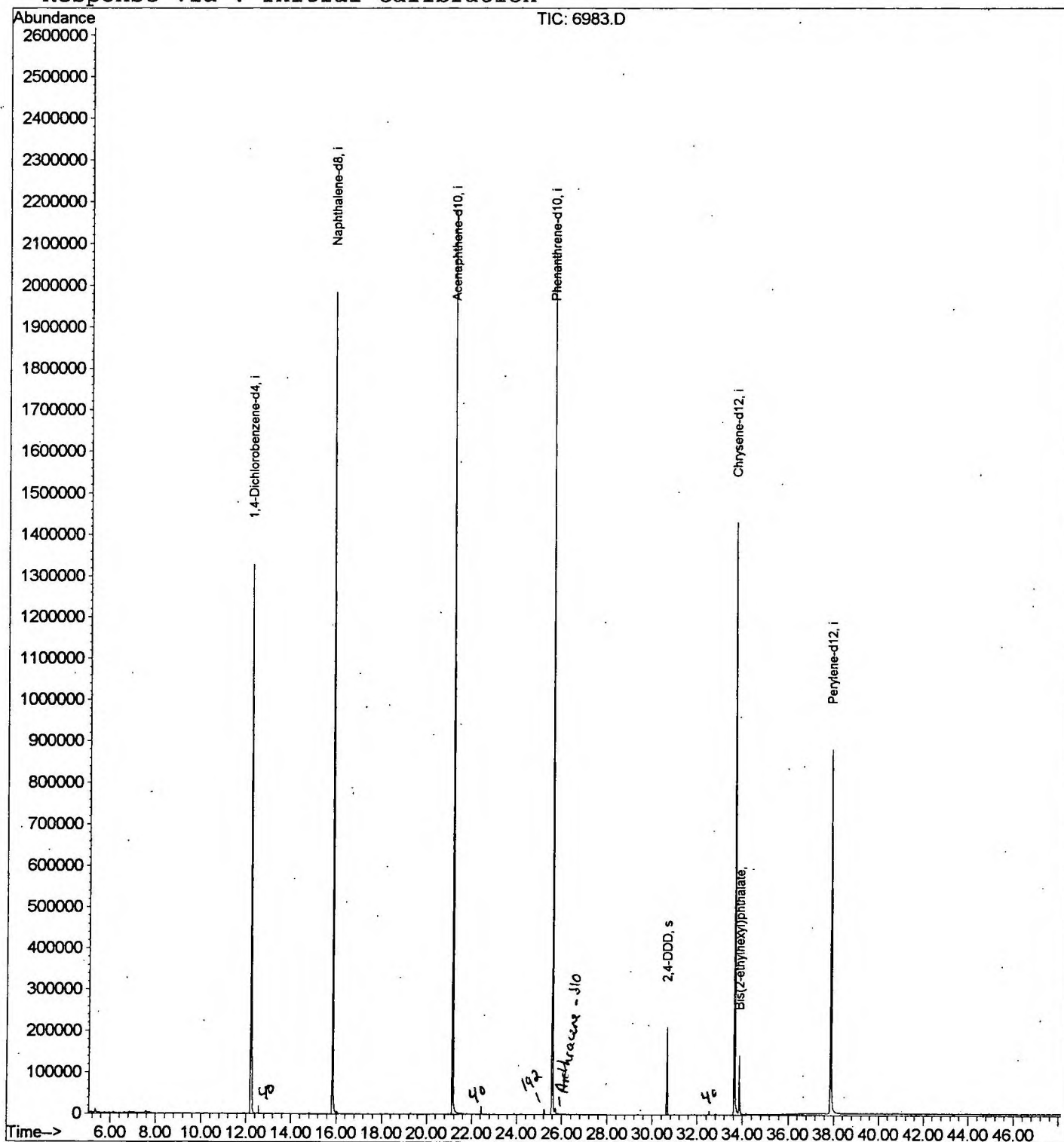
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\6983.D
Acq On : 18 Apr 2002 8:45 pm
Sample : GC/MS SCAN 3/25
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:52 2002

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\6983.D
 Acq On : 18 Apr 2002 8:45 pm
 Sample : GC/MS SCAN 3/25
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 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	peak area	peak % max.	% of total
1	12.213	775	781	794	rVB	1326526	3151469	69.02%	13.848%
2	15.848	1171	1177	1193	rBV	1983659	4031137	88.29%	17.714%
3	21.145	1748	1754	1779	rBV	2180531	4565701	100.00%	20.063%
4	25.588	2231	2238	2250	rBV2	2077896	4352359	95.33%	19.125%
5	30.656	2785	2790	2801	rVB	210339	407224	8.92%	1.789%
6	33.649	3108	3116	3131	rBV2	1430192	3348950	73.35%	14.716%
7	33.860	3134	3139	3150	rVB	140074	293112	6.42%	1.288%
8	37.872	3568	3576	3600	rBV2	877577	2606920	57.10%	11.456%

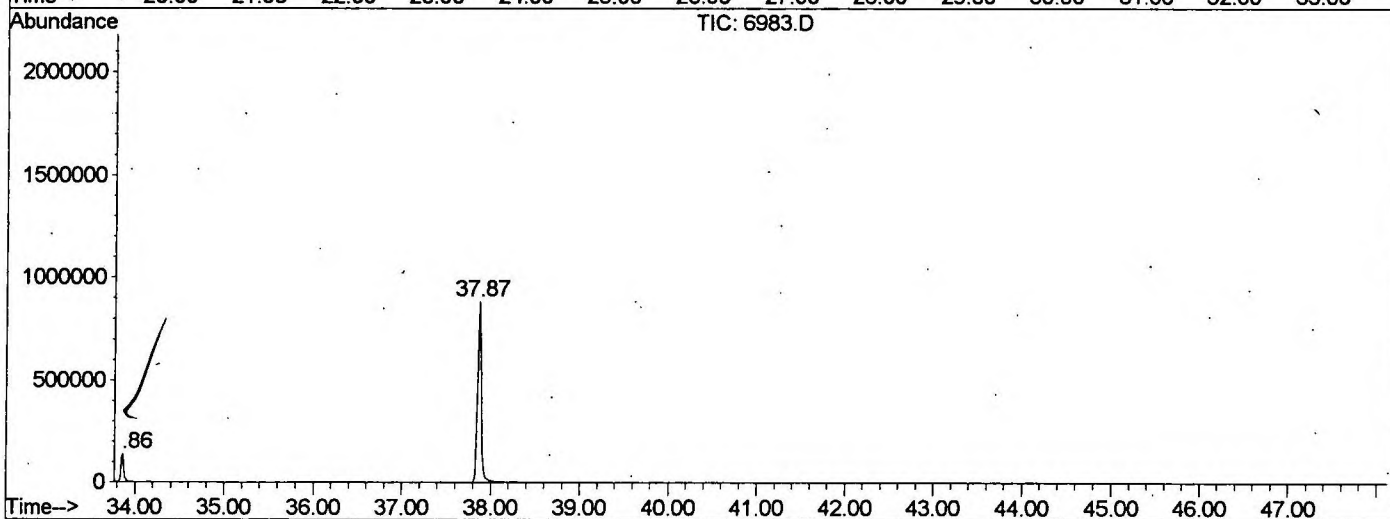
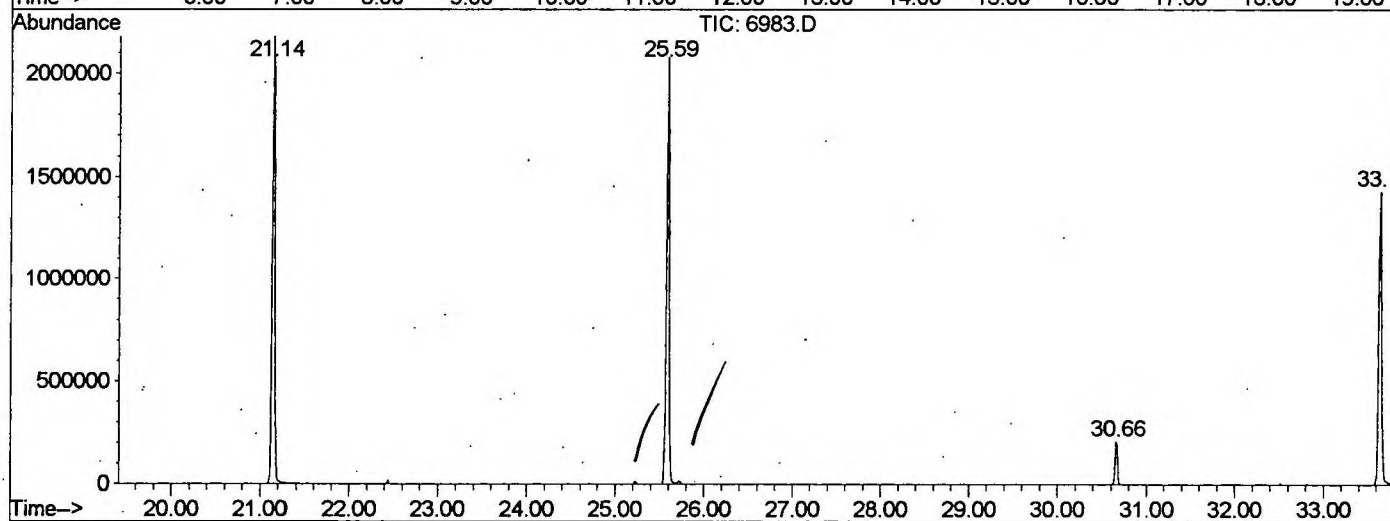
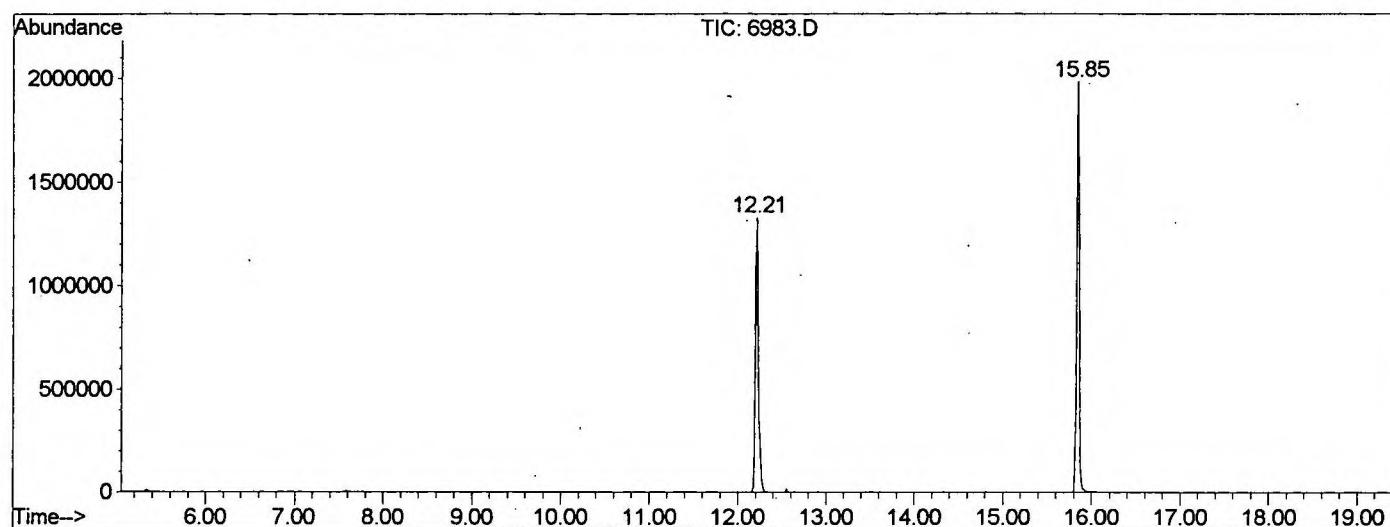
Sum of corrected areas: 22756872

6983.D GCMS0412.M

Fri Apr 19 09:05:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\6983.D
 Operator :
 Acquired : 18 Apr 2002 8:45 pm using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: GC/MS SCAN 3/25
 Misc Info :
 Vial Number: 10
 Quant File :GCMS0412.RES (RTE Integrator)



6983.D GCMS0412.M Fri Apr 19 09:05:33 2002

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 18 Apr 2002 8:45 pm
Data File: C:\HPCHEM\1\DATA\APR1802\6983.D
Name: GC/MS SCAN 3/25
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top	Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
6983.D	GCMS0412.M	Fri Apr 19 09:05:34 2002							