User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 15:32:59

Sample: AE09683
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/9/02 15:30 Ended: 5/10/02 15:30 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		< MRL	2.0
2	bis(2-Chloroethyl)ether		< MRL	2.0
3	1,3-Dichlorobenzene		< MRL	2.0
4	1,4-Dichlorobenzene		< MRL	2.0
5	1,2-Dichlorobenzene		< MRL	2.0
6	2,2'-oxybis(1-Chloropropane)		< MRL	2.0
7	n-Nitrosodi-n-propylamine		< MRL	2.0
8	Hexachloroethane		< MRL	2.0
9	Nitrobenzene		< MRL	2.0
10	Isophorone		< MRL	2.0
11	bis(2-Chloroethoxy)methane		< MRL	2.0
12	1,2,4-Trichlorobenzene		< MRL	2.0
13	Naphthalene		< MRL	2.0
14	Hexachlorobutadiene		< MRL	2.0
15	2-Chloronaphthalene		< MRL	2.0
16	Dimethylphthalate		< MRL	2.0
17	2,6-Dinitrotoluene		< MRL	2.0
18	Acenaphthylene		< MRL	2.0
19	Acenaphthene		< MRL	2.0
20	2,4-Dinitrotoluene		< MRL	2.0
21	Diethylphthalate		< MRL	2.0
22	4-Chlorophenylphenylether		< MRL	2.0
23	Fluorene		< MRL	2.0
24	Azobenzene		< MRL	2.0
25	n-Nitrosodiphenylamine		< MRL	2.0
26	4-Bromophenylphenylether		< MRL	2.0
27	Hexachlorobenzene		< MRL	2.0
28	Phenanthrene		< MRL	2.0
29	Anthracene		< MRL	2.0
30	Di-n-butylphthalate		< MRL	2.0
31	Fluoranthene		< MRL	2.0
32	Pyrene		< MRL	2.0
33	Butylbenzylphthalate		< MRL	2.0
34	Benzo(a)anthracene		< MRL	2.0
35	bis(2-Ethylhexyl)phthalate		< MRL	2.0
36	Chrysene		< MRL	2.0
37	Di-n-octylphthalate		< MRL	2.0
38	Benzo(b)fluoranthene		< MRL	2.0
39	Benzo(k)fluoranthene		< MRL	2.0
40	Benzo(a)pyrene		< MRL	2.0
41	Indeno(1,2,3-cd)pyrene		< MRL	2.0
42	Dibenz(a,h)anthracene		< MRL	2.0
43	Benzo(g,h,i)perylene		< MRL	2.0

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\LB.D Vial: 3
Acq On : 10 May 2002 3:01 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:01 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	474642	40.00	ug/l	-0.04
10) Naphthalene-d8	15.80	136	1728239	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	941691	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1298943	40.00	ug/l	-0.03
38) Chrysene-d12	33.62	240	701491	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	406606	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.25	209	150299	32.09	ug/L	-0.03
Spiked Amount 40.000			Recovery = 80.23%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.39	77	2067	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	15.85	128	395	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	20.45	163	491	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	21.19	153	106	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.59	149	3519	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	22.72	166	191	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.25	168	477	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.61	178	607	N.D.		

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

NYC-WTC_000023552

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\LB.D Vial: 3
Acq On : 10 May 2002 3:01 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:01 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.61	178	607	N.D.	
36)	Di-n-butylphthalate	27.52	149	1916	N.D.	
37)	Fluoranthene	29.25	202	230	N.D.	
39)	Pyrene	29.93	202	189	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	3229	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	4177	0.26 ug/l #	96
43)	Chrysene	33.69	228	1733	N.D.	
45)	Di-n-Octylphthalate	35.58	149	324	N.D.	
46)	Benzo(b)fluoranthene	36.68	252	972	N.D.	
47)	Benzo(k)fluoranthene	36.73	252	1419	N.D.	
48)	Benzo(a)pyrene	37.65	252	860	N.D.	
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

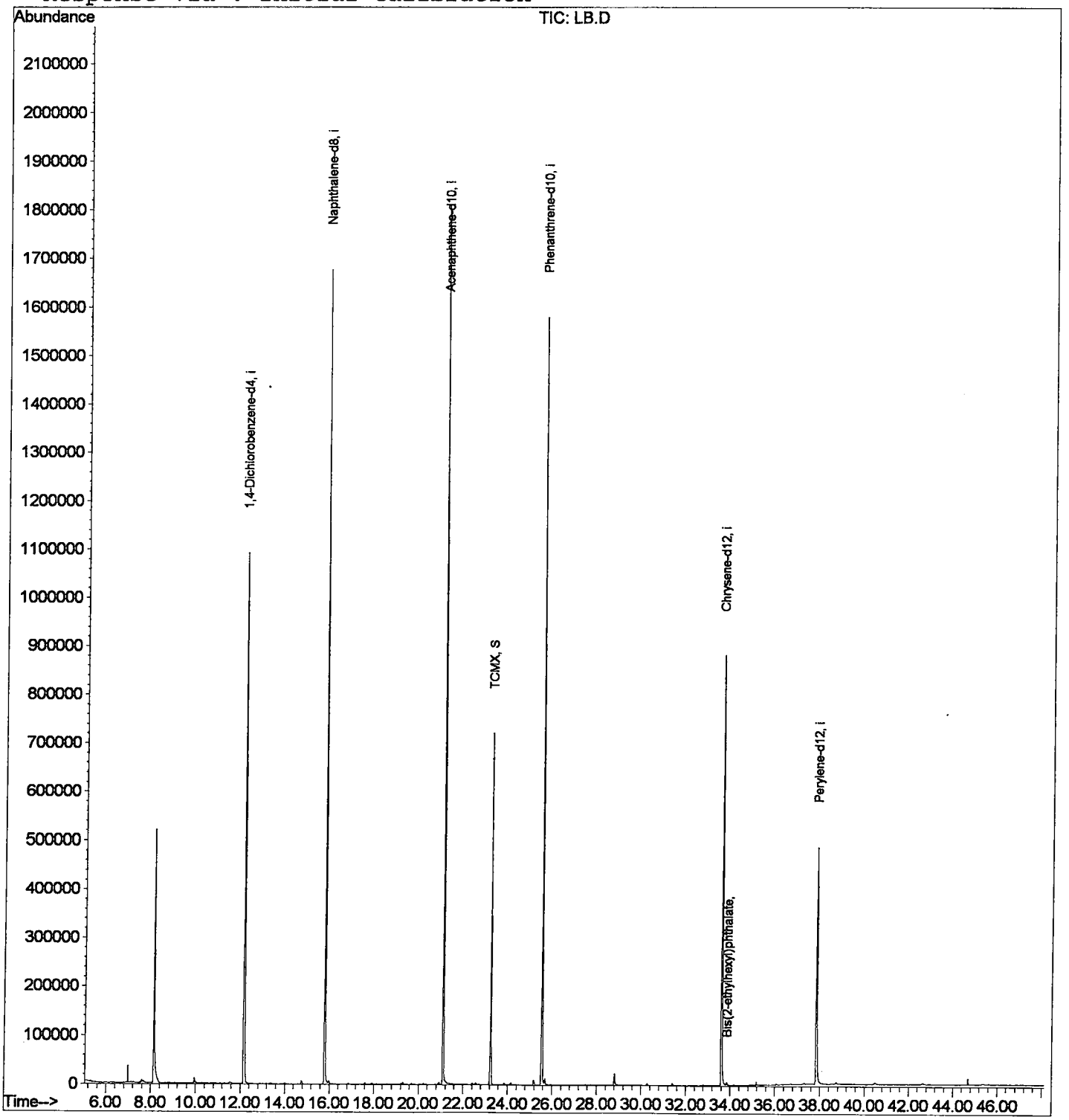
NYC-WTC_000023553

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\LB.D Vial: 3
Acq On : 10 May 2002 3:01 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:01 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration



NYC-WTC_000023554

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\LB.D Vial: 3
Acq On : 10 May 2002 3:01 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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	8.135	334	338	372	rVB	518806	1196233	31.64%	6.131%
2	12.158	772	777	796	rBV	1091660	2686171	71.04%	13.767%
3	15.796	1168	1174	1191	rBV	1676141	3400499	89.93%	17.429%
4	21.101	1747	1753	1766	rBV	1811352	3781355	100.00%	19.381%
5	23.246	1978	1987	1994	rBV	721301	1443179	38.17%	7.397%
6	25.546	2231	2238	2250	rBV2	1579277	3443280	91.06%	17.648%
7	28.808	2588	2594	2601	rBV	23102	53735	1.42%	0.275%
8	33.619	3110	3119	3137	rBV2	881663	2098581	55.50%	10.756%
9	37.843	3572	3580	3598	rBV	484685	1407983	37.23%	7.216%

Sum of corrected areas: 19511016

LB.D GCMS0510.M Tue May 14 14:37:52 2002

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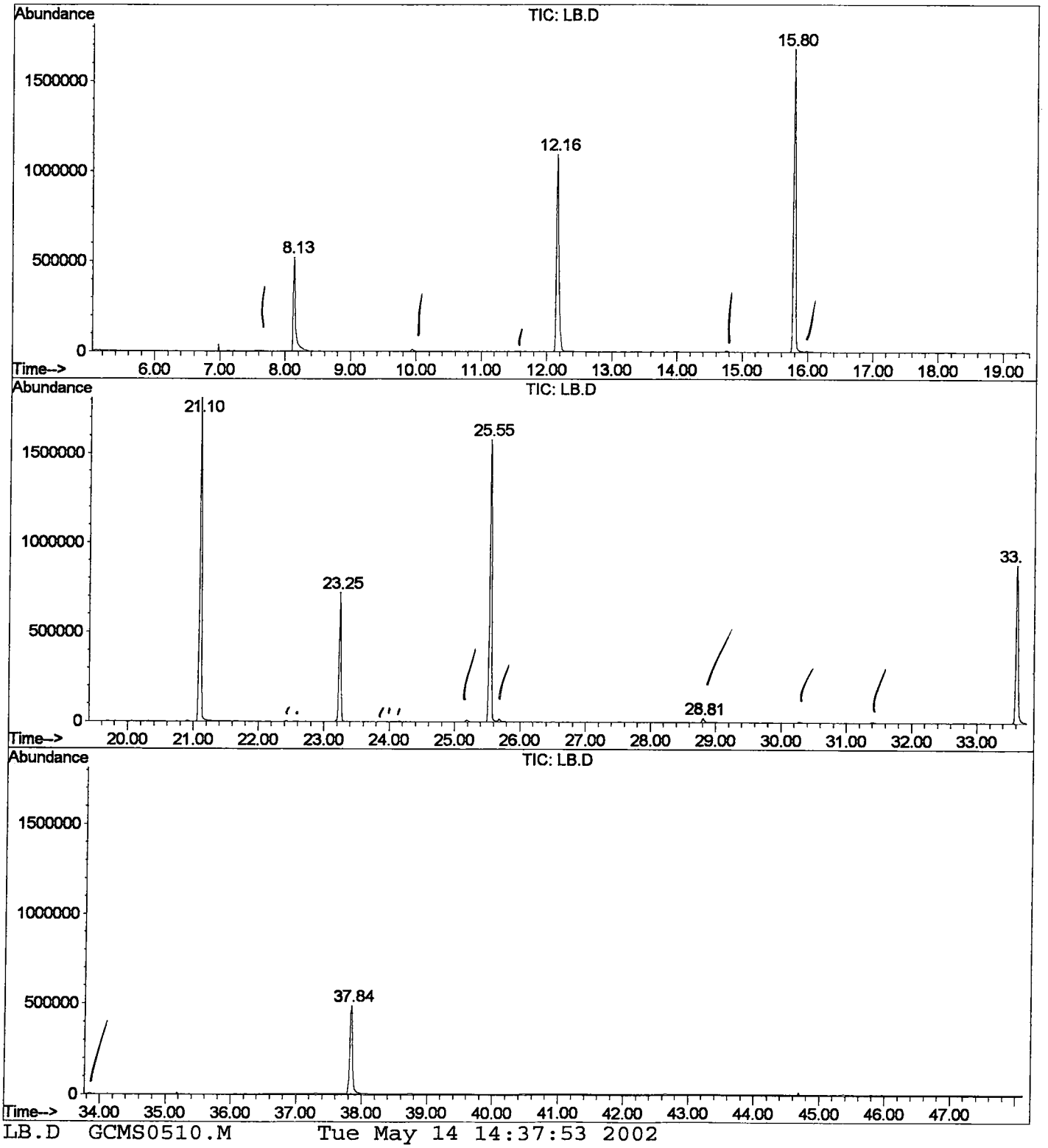
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\LB.D
Operator :
Acquired : 10 May 2002 3:01 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/9
Misc Info :
Vial Number: 3
Quant File :GCMS0510.RES (RTE Integrator)



LB.D GCMS0510.M Tue May 14 14:37:53 2002

NYC-WTC_000023556

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\LB.D Vial: 3
Acq On : 10 May 2002 3:01 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	17.81 ug/l	1196230	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetone	58	C3H6O	000067-64-1	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7
5	Butane	58	C4H10	000106-97-8	5

****

Peak Number 2 1-Hexacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.81	0.62 ug/l	53735	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	80
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	64
3	1-Tetracosanol	354	C24H50O	000506-51-4	64
4	1-Hexadecanol	242	C16H34O	036653-82-4	58
5	1-Tridecene	182	C13H26	002437-56-1	49

NYC-WTC_000023557

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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 3:01 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\LB.D
Name: GC/MS SCAN 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
2-Pentanone, 4-hydro	8.13	17.8	ug/l	1196230	ISTD01	12.16	2686170	40.0
1-Hexacosanol	28.81	0.6	ug/l	53735	ISTD04	25.55	3443280	40.0

LB.D GCMS0510.M Tue May 14 14:37:54 2002