User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 11:36:36

Sample: AE10775
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/17/02 11:35 Ended: 5/17/02 11:35 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

Comments for Sample AE10775 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-17-2002 Time: 11:36:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 14:38 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 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	521456	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	1885967	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1028359	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1404734	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	852871	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	576132	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.24	209	37019	7.24	ug/L	-0.03
Spiked Amount 10.000			Recovery = 72.40%			
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	549	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	102	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.58	149	1467	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.55	178	232	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 14:38 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 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

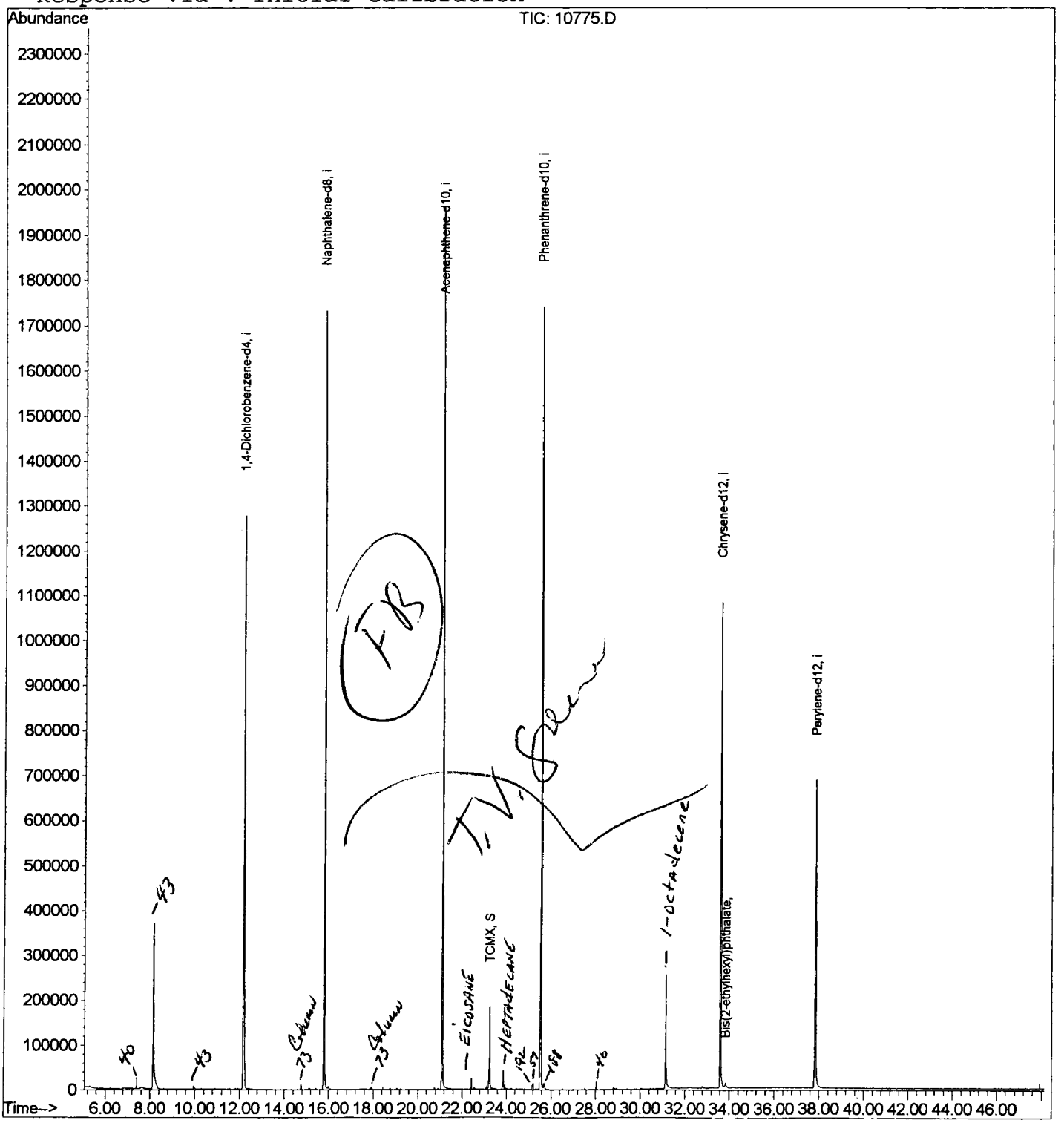
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.55	178	232	N.D.	
36)	Di-n-butylphthalate	27.52	149	5418	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.62	228	1916	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.84	149	6921	0.36 ug/l	97
43)	Chrysene	33.69	228	103	N.D.	
45)	Di-n-Octylphthalate	35.59	149	725	N.D.	
46)	Benzo(b)fluoranthene	36.69	252	295	N.D.	
47)	Benzo(k)fluoranthene	36.73	252	286	N.D.	
48)	Benzo(a)pyrene	37.84	252	2230	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 14:38 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 12:35:42 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb 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

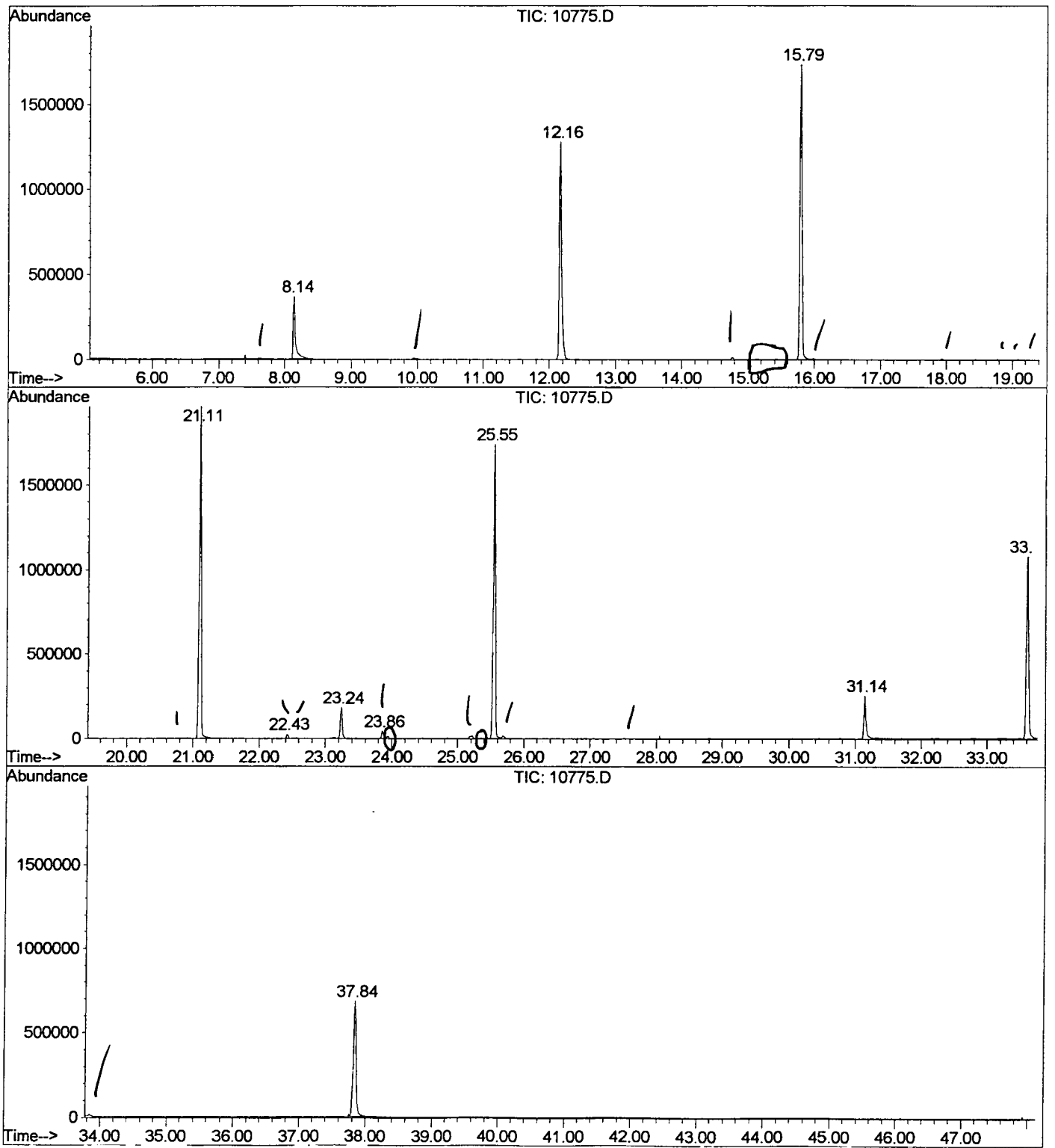
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.141	334	338	364	rBV	368503	880826	21.34%	4.195%
2	12.164	771	777	793	rVB	1275091	2952311	71.52%	14.059%
3	15.792	1167	1173	1191	rBV	1730893	3711970	89.92%	17.677%
4	21.107	1746	1753	1765	rBV	1963440	4128001	100.00%	19.658%
5	22.427	1892	1897	1904	rVB	24356	45537	1.10%	0.217%
6	23.242	1977	1986	1994	rVB	183125	371490	9.00%	1.769%
7	23.856	2046	2053	2058	rBV	42013	80975	1.96%	0.386%
8	25.552	2231	2238	2249	rBV2	1738638	3734180	90.46%	17.783%
9	31.142	2843	2848	2863	rBV	254876	560597	13.58%	2.670%
10	33.616	3111	3118	3132	rBV2	1079073	2535864	61.43%	12.076%
11	37.840	3571	3579	3602	rVB	682374	1997221	48.38%	9.511%

Sum of corrected areas: 20998972

10775.D GCMS0510.M Mon May 13 14:55:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10775.D
Operator :
Acquired : 11 May 2002 6:37 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/6 fb
Misc Info :
Vial Number: 19
Quant File :GCMS0510.RES (RTE Integrator)



10775.D GCMS0510.M Mon May 13 14:55:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

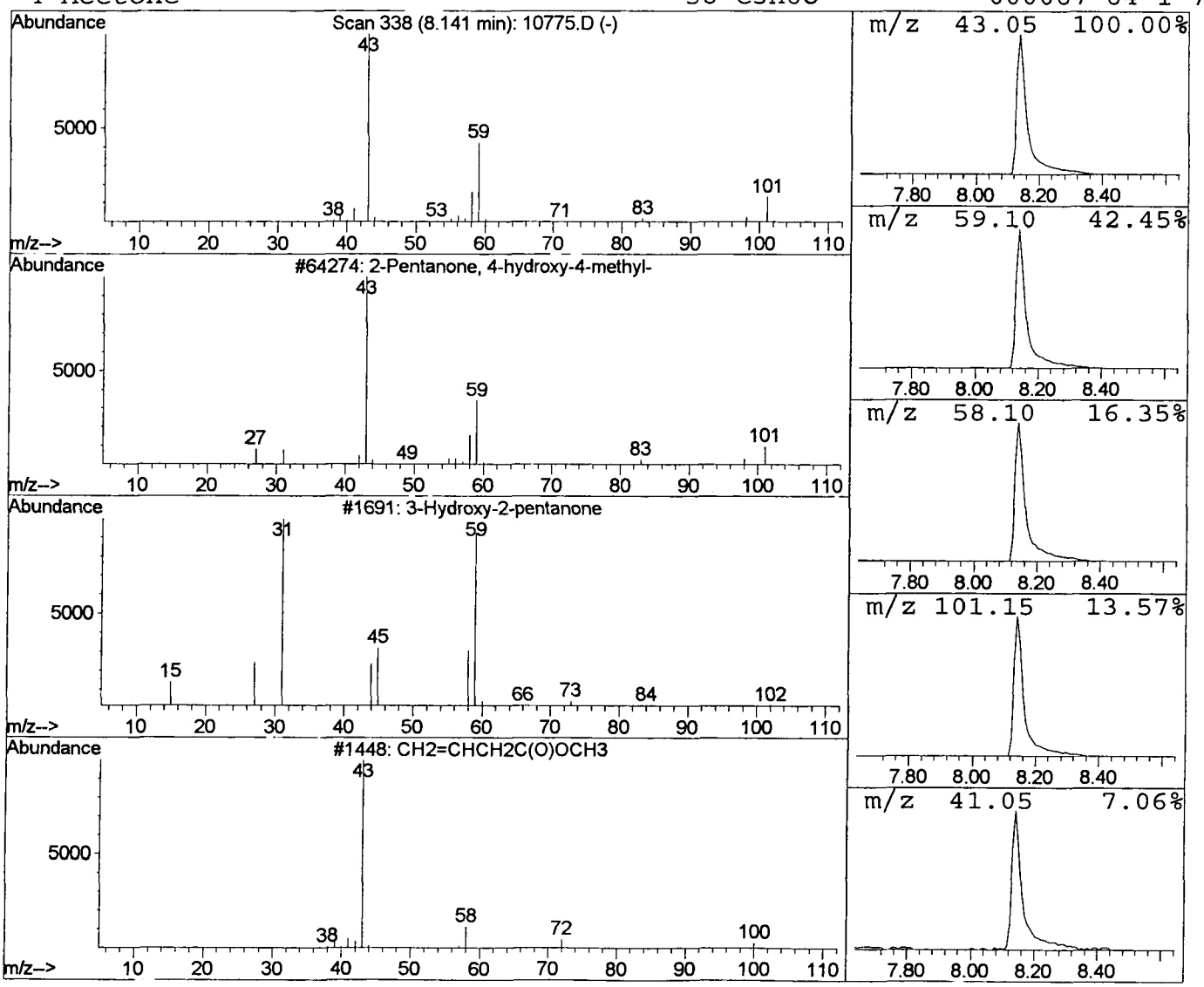
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	11.93 ug/l	880826	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	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb 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

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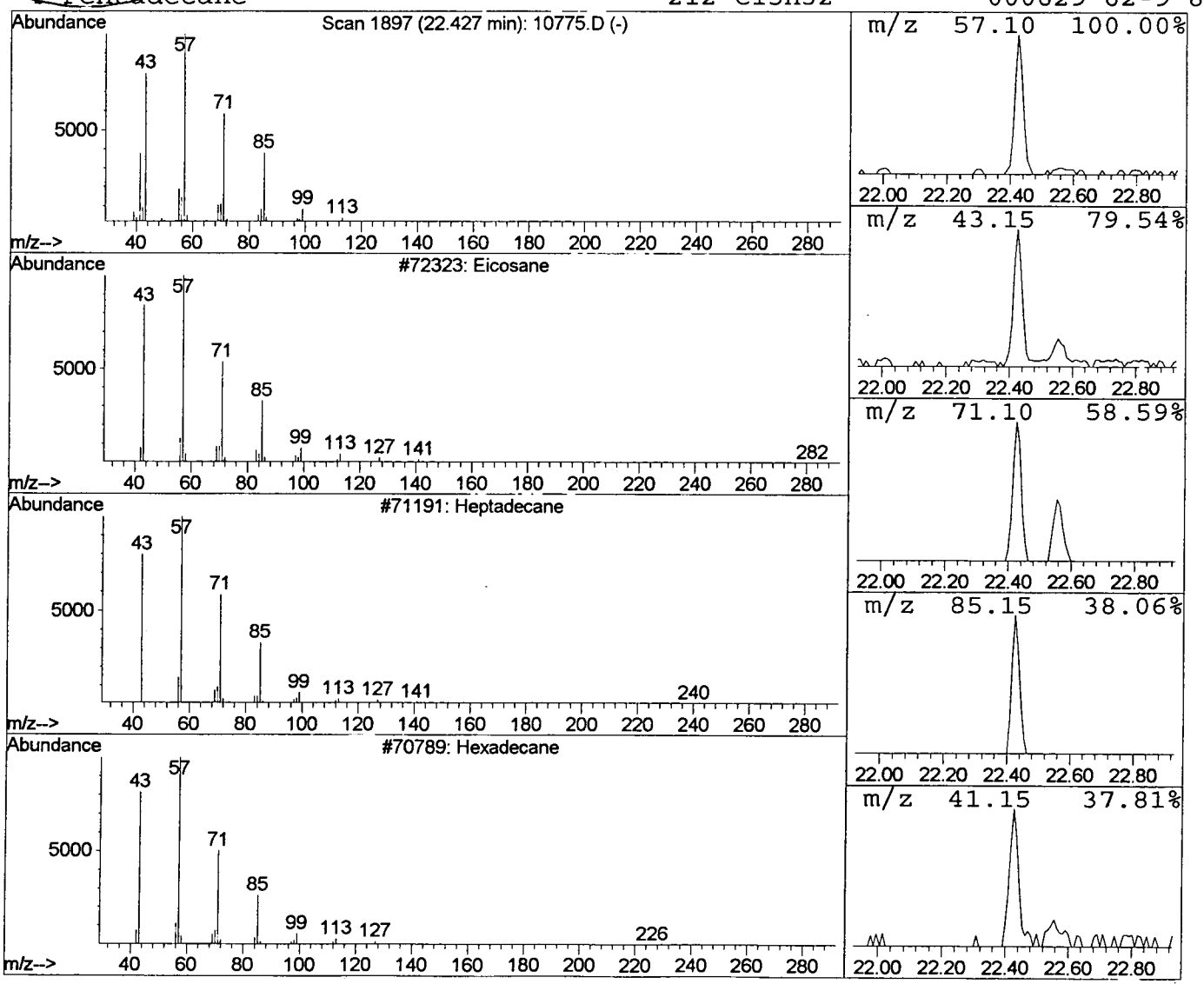
Peak Number 2 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	0.44 ug/l	45537	Acenaphthene-d10	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane	212	C15H32	000629-62-9	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb 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

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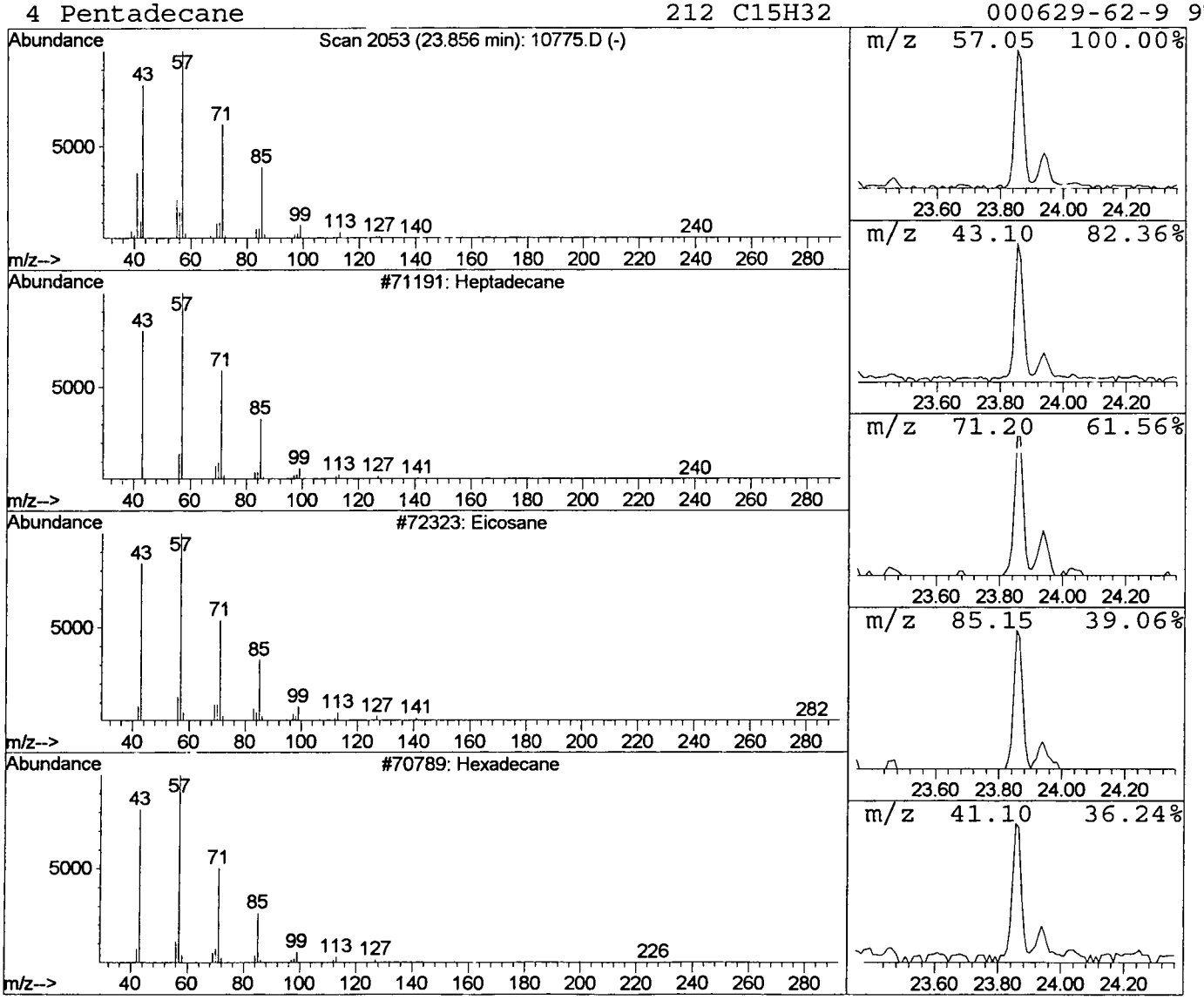
Peak Number 3 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	0.87 ug/l	80975	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10775.D Vial: 19
Acq On : 11 May 2002 6:37 am Operator:
Sample : GC/MS SCAN 5/6 fb 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

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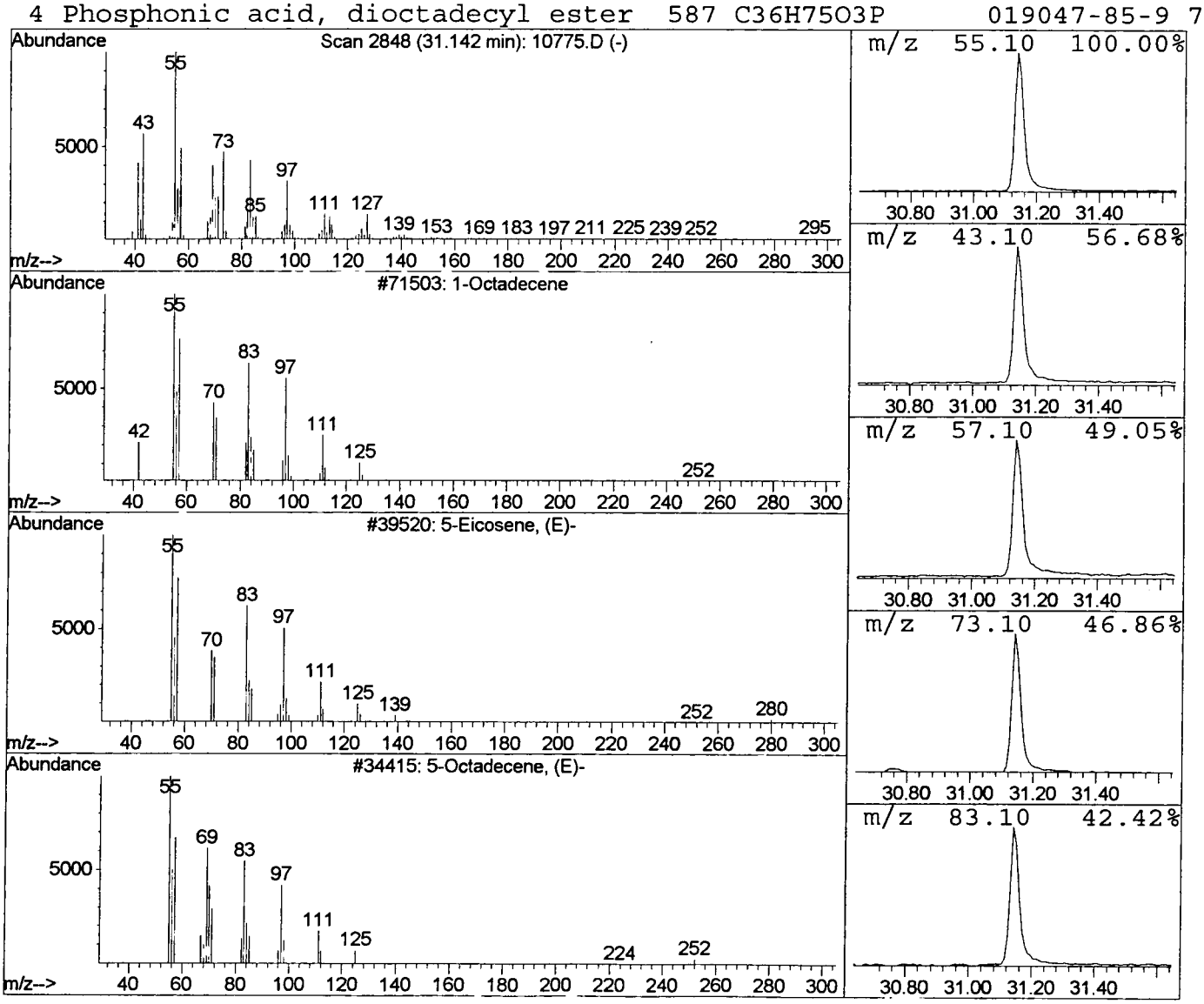
Peak Number 4 1-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.14	8.84 ug/l	560597	Chrysene-d12	33.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	76
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	76
4	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	76



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 6:37 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10775.D
Name: GC/MS SCAN 5/6 fb
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	8.14	11.9	ug/l	880826	ISTD01	12.16	2952310	40.0
Eicosane	22.43	0.4	ug/l	45537	ISTD03	21.11	4128000	40.0
Heptadecane	23.86	0.9	ug/l	80975	ISTD04	25.55	3734180	40.0
1-Octadecene	31.14	8.8	ug/l	560597	ISTD05	33.62	2535860	40.0

10775.D GCMS0510.M Mon May 13 14:55:34 2002