User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 12:29:27

Sample: AE03255
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 12:28 Ended: 4/3/02 12:28 Analyst: DLV
Page: 1

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

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Comments for Sample AE03255 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 12:29:43

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 11 of the 43 compounds in the LCS Standard were low.

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03255.D Vial: 22
Acq On : 2 Mar 2002 6:20 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 02 12:04:09 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	9.57	150	1473367	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3857349	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	2153308	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3331688	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	3030475	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	1918036	20.00	ug/L	-0.02
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	208245	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	0.00	165	0	N.D.	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	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	79370	0.36	ug/L	95
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	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.93	149	5248	0.04	ug/L	88
43) Chrysene	0.00	228	0	N.D.	d	
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

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03255.D Vial: 22
Acq On : 2 Mar 2002 6:20 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 02 12:04:09 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	0.00	252	0	N.D.	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
03255.D 5080202.M Tue Apr 02 12:11:20 2002 Page 2

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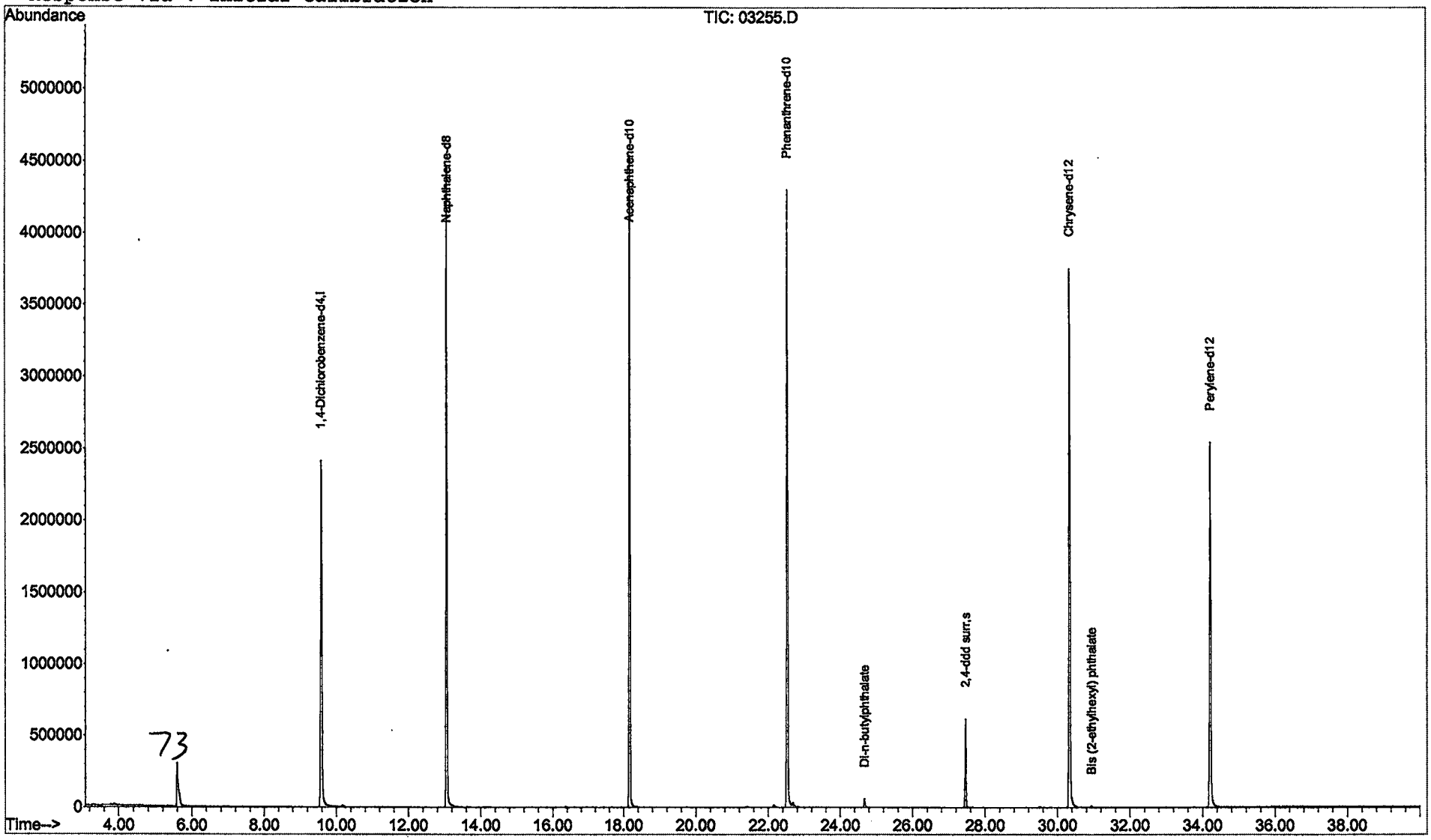
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03255.D Vial: 22
Acq On : 2 Mar 2002 6:20 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 2 12:11 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



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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03255.D Vial: 22
Acq On : 2 Mar 2002 6:20 am Operator: McLean
Sample : 2/13/02 GC SCAN 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	5.589	274	277	294	rBV	302328	954436	10.52%	1.912%
2	9.570	711	716	738	rBV	2414444	6159882	67.87%	12.342%
3	13.053	1094	1100	1115	rBV	4462322	8359021	92.10%	16.748%
4	18.160	1657	1663	1682	rBV	4532399	8911768	98.19%	17.855%
5	22.523	2137	2144	2155	rBV2	4303275	9075813	100.00%	18.184%
6	24.672	2376	2381	2388	rBV	61755	120706	1.33%	0.242%
7	27.457	2683	2688	2699	rVB	616487	1107591	12.20%	2.219%
8	30.332	2998	3005	3029	rBV2	3753674	8856181	97.58%	17.744%
9	34.214	3424	3433	3451	rBV2	2543230	6366309	70.15%	12.755%

Sum of corrected areas: 49911707

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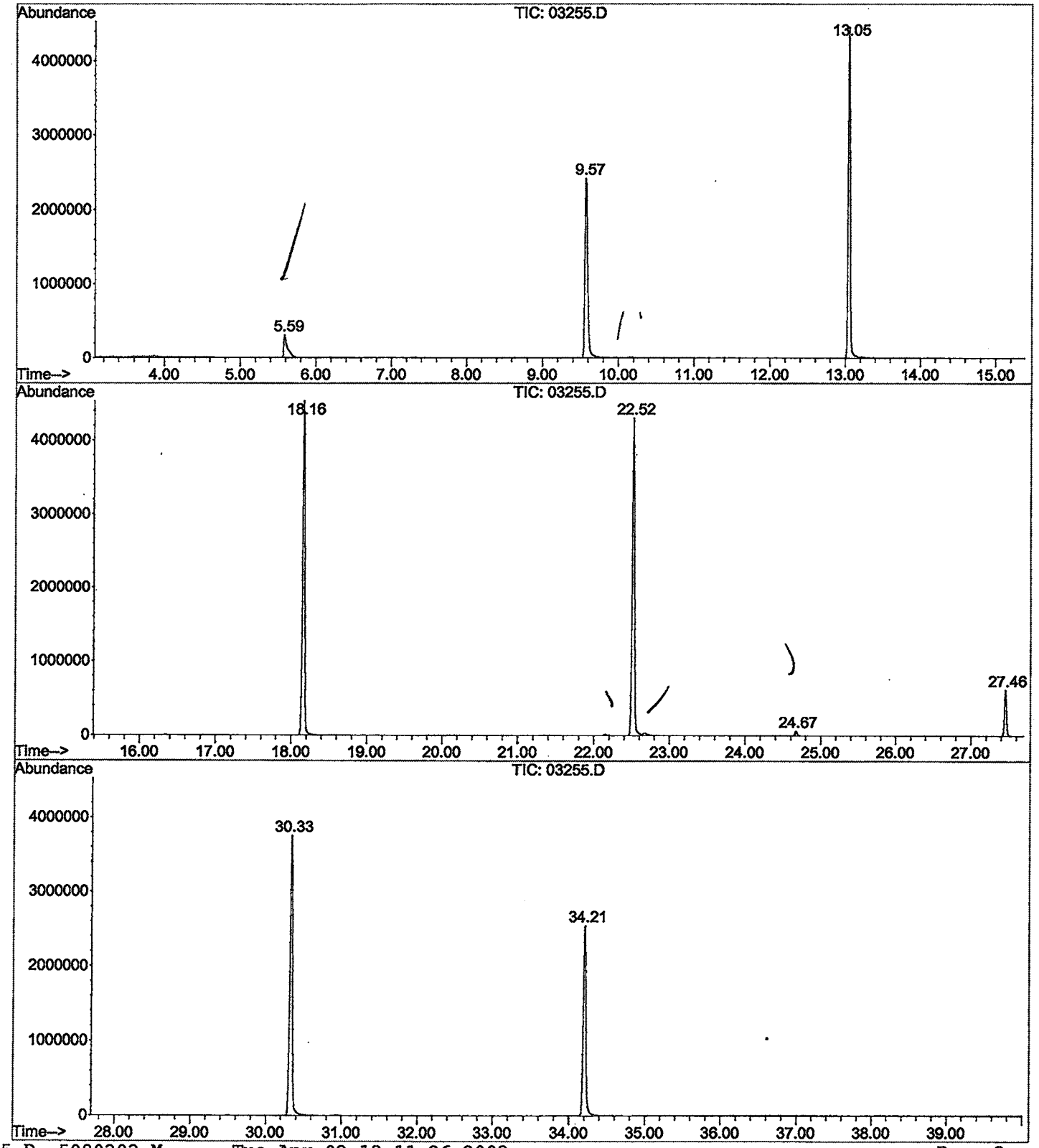
LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03255.D
Operator : McLean
Acquired : 2 Mar 2002 6:20 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/13/02 GC SCAN
Misc Info :
Vial Number: 22
Quant File :5080202.RES (RTE Integrator)



NYC-WTC_000011256

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Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03255.D Vial: 22
Acq On : 2 Mar 2002 6:20 am Operator: McLean
Sample : 2/13/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

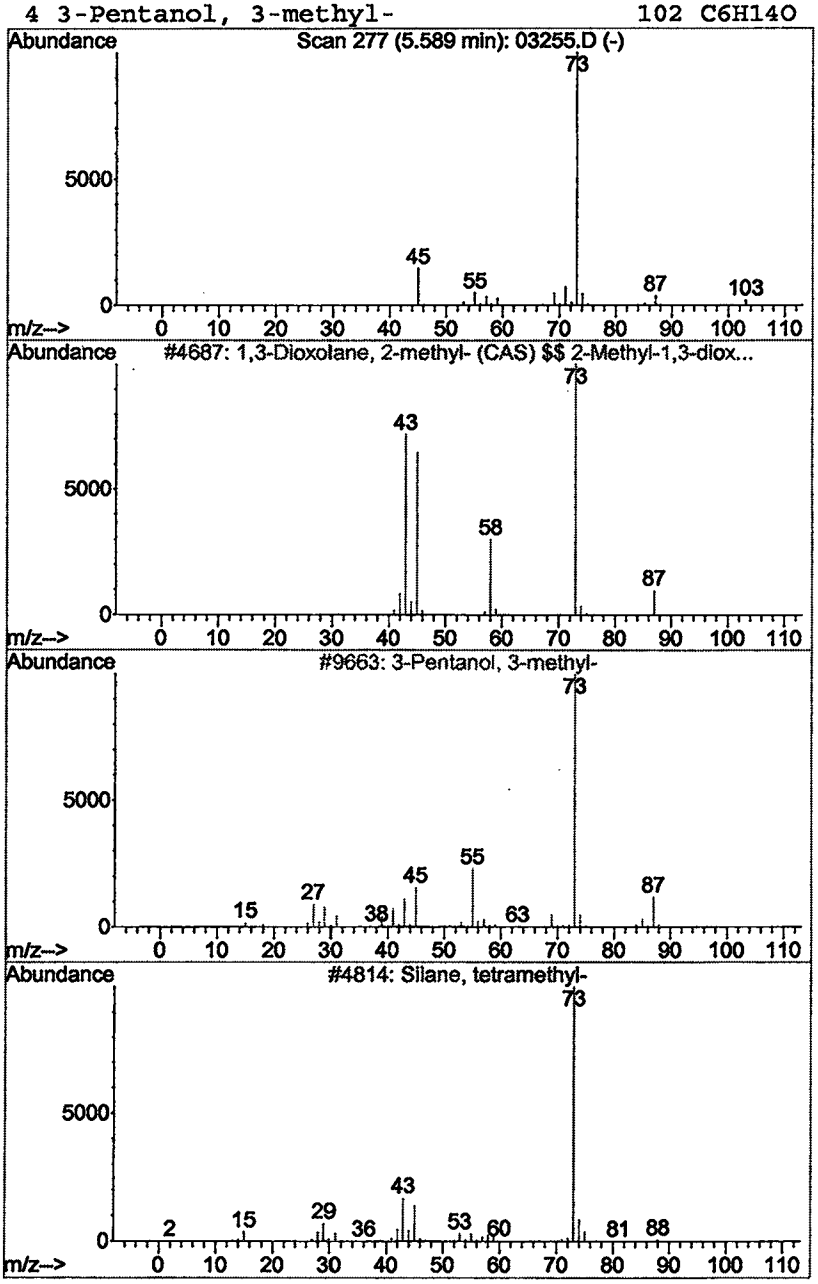
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

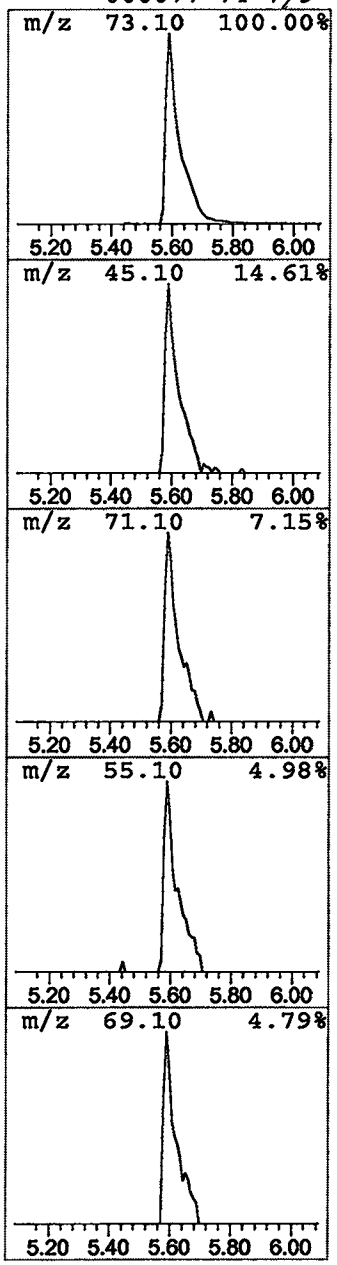
****

Peak Number 1 1,3-Dioxolane, 2-methyl- (C... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	3.10 ug/L	954436	1,4-Dichlorobenzene-d4	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl- (CAS) $...	88	C4H8O2	000497-26-7	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9





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Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 2 Mar 2002 6:20 am
Data File: C:\MSDCHEM\1\DATA\022802\03255.D
Name: 2/13/02 GC SCAN
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Dioxolane, 2-...	5.59	3.1	ug/L	954436	1	9.57	6159880	20.0

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