LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007991.D
Acq On : 28 Dec 2018 00:48
Operator : SY/AP
Sample : J6540-16
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	89	rVB	17518	40682	11.46%	1.377%
2	2.489	94	96	99	rVB	479	435	0.12%	0.015%
3	2.568	108	109	111	rBV	546	468	0.13%	0.016%
4	2.593	111	113	118	rVB	845	907	0.26%	0.031%
5	2.739	135	137	138	rBV	235	138	0.04%	0.005%
6	2.806	146	148	149	rBV	225	161	0.05%	0.005%
7	2.898	154	163	177	rVV	11895	32175	9.06%	1.089%
8	2.995	177	179	180	rVV	283	217	0.06%	0.007%
9	3.032	183	185	188	rVB3	351	310	0.09%	0.010%
10	3.129	198	201	203	rBV	240	349	0.10%	0.012%
11	3.154	203	205	207	rVV	300	267	0.08%	0.009%
12	3.172	207	208	211	rVV	235	213	0.06%	0.007%
13	3.209	212	214	219	rVB	792	1001	0.28%	0.034%
14	3.270	222	224	225	rBV	159	104	0.03%	0.004%
15	3.294	225	228	230	rVB2	288	316	0.09%	0.011%
16	3.312	230	231	233	rBV	161	100	0.03%	0.003%
17	3.385	237	243	249	rBV4	460	873	0.25%	0.030%
18	3.495	259	261	263	rBV	83	107	0.03%	0.004%
19	3.855	315	320	324	rBB3	364	659	0.19%	0.022%
20	4.007	335	345	359	rBV	38988	120221	33.86%	4.070%
21	4.129	359	365	372	rVB4	1519	4500	1.27%	0.152%
22	4.391	401	408	414	rBV2	741	1717	0.48%	0.058%
23	4.434	414	415	417	rVB2	159	106	0.03%	0.004%
24	4.684	454	456	458	rBB	144	124	0.03%	0.004%
25	4.903	487	492	493	rBV2	536	727	0.20%	0.025%
26	4.922	493	495	496	rVB2	240	212	0.06%	0.007%
27	5.123	521	528	529	rBV	407	722	0.20%	0.024%
28	5.385	565	571	573	rBV	308	533	0.15%	0.018%
29	5.415	573	576	578	rBV	112	111	0.03%	0.004%
30	5.562	578	600	619	rBV	13460	83775	23.60%	2.836%
31	5.812	639	641	645	rVB	191	266	0.07%	0.009%
32	5.867	648	650	652	rVB	131	107	0.03%	0.004%
33	5.921	655	659	660	rBV2	261	222	0.06%	0.008%
34	6.141	694	695	699	rVB	143	126	0.04%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007991.D
Acq On : 28 Dec 2018 00:48
Operator : SY/AP
Sample : J6540-16
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Title : VOC Analysis

35	6.275	716	717	720	rVB	160	124	0.03%	0.004%
36	6.306	720	722	724	rBV	107	104	0.03%	0.004%
37	6.336	726	727	730	rVB	172	124	0.03%	0.004%
38	6.385	733	735	739	rBB	109	100	0.03%	0.003%
39	6.903	817	820	822	rVV	263	241	0.07%	0.008%
40	6.921	822	823	826	rVB	153	122	0.03%	0.004%
41	7.080	839	849	857	rBV2	15598	43504	12.25%	1.473%
42	7.647	932	942	953	rBB2	66111	157237	44.29%	5.323%
43	8.275	1035	1045	1059	rBB2	114950	355051	100.00%	12.020%
44	8.695	1111	1114	1116	rBB2	123	128	0.04%	0.004%
45	8.842	1130	1138	1148	rBB	112646	221047	62.26%	7.483%
46	9.031	1165	1169	1171	rBV2	324	400	0.11%	0.014%
47	9.275	1201	1209	1218	rBB	83115	161971	45.62%	5.483%
48	9.348	1218	1221	1223	rBB	136	122	0.03%	0.004%
49	9.415	1227	1232	1237	rBB2	434	705	0.20%	0.024%
50	10.037	1326	1334	1341	rBB	51850	91632	25.81%	3.102%
51	10.323	1373	1381	1388	rBV	171882	295586	83.25%	10.007%
52	10.390	1388	1392	1397	rVB	930	1387	0.39%	0.047%
53	10.579	1416	1423	1432	rBB	37767	62671	17.65%	2.122%
54	10.707	1437	1444	1451	rBV	21884	39435	11.11%	1.335%
55	10.756	1451	1452	1454	rVV	413	390	0.11%	0.013%
56	10.780	1454	1456	1458	rVV	399	488	0.14%	0.017%
57	10.799	1458	1459	1465	rVB	368	495	0.14%	0.017%
58	10.927	1473	1480	1492	rBB	75448	120634	33.98%	4.084%
59	11.073	1500	1504	1510	rBB	1826	2729	0.77%	0.092%
60	11.634	1589	1596	1606	rBB	162810	273097	76.92%	9.245%
61	11.713	1607	1609	1611	rBV	150	150	0.04%	0.005%
62	11.835	1626	1629	1634	rBB	259	422	0.12%	0.014%
63	12.170	1680	1684	1687	rBB2	322	436	0.12%	0.015%
64	12.347	1709	1713	1715	rBB	239	266	0.07%	0.009%
65	12.615	1750	1757	1763	rBB	36905	59139	16.66%	2.002%
66	12.695	1763	1770	1777	rBB	92062	146531	41.27%	4.961%
67	12.871	1796	1799	1800	rBV	207	165	0.05%	0.006%
68	12.896	1800	1803	1807	rVB3	1077	1566	0.44%	0.053%
69	13.280	1859	1866	1871	rBB3	1413	2648	0.75%	0.090%
70	13.402	1882	1886	1888	rBV2	571	613	0.17%	0.021%
71	13.560	1905	1912	1920	rBB	172530	270614	76.22%	9.161%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007991.D
Acq On : 28 Dec 2018 00:48
Operator : SY/AP
Sample : J6540-16
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Title : VOC Analysis

72	13.652	1920	1927	1935	rBV	23078	34082	9.60%	1.154%
73	13.713	1935	1937	1940	rVB	286	257	0.07%	0.009%
74	13.859	1954	1961	1968	rBB	174478	287245	80.90%	9.724%
75	14.079	1991	1997	2004	rBB	10453	16062	4.52%	0.544%
76	14.329	2031	2038	2043	rBB5	2844	4725	1.33%	0.160%
77	14.396	2048	2049	2053	rBB	133	133	0.04%	0.005%
78	14.524	2068	2070	2078	rBV5	758	1420	0.40%	0.048%
79	14.835	2119	2121	2123	rBB5	161	110	0.03%	0.004%
80	15.194	2178	2180	2182	rBV	209	188	0.05%	0.006%
81	15.219	2182	2184	2185	rVB	176	118	0.03%	0.004%
82	15.292	2194	2196	2197	rBV	165	101	0.03%	0.003%
83	15.371	2208	2209	2212	rVB	131	102	0.03%	0.003%
84	15.414	2213	2216	2217	rBB	133	112	0.03%	0.004%
85	15.505	2225	2231	2237	rBB3	1264	2153	0.61%	0.073%
86	15.700	2259	2263	2264	rBB3	75	100	0.03%	0.003%
87	15.804	2278	2280	2283	rBB	145	112	0.03%	0.004%
88	15.859	2287	2289	2292	rBV	116	147	0.04%	0.005%
89	15.962	2304	2306	2307	rBV	175	108	0.03%	0.004%
90	16.042	2318	2319	2324	rVB	163	224	0.06%	0.008%
91	16.109	2327	2330	2332	rBB	140	124	0.03%	0.004%
92	16.249	2349	2353	2354	rVB	160	173	0.05%	0.006%
93	16.261	2354	2355	2358	rBB	162	156	0.04%	0.005%
94	16.316	2362	2364	2365	rBV	155	105	0.03%	0.004%
95	16.389	2373	2376	2378	rBV	165	180	0.05%	0.006%
96	16.444	2383	2385	2386	rBV	137	104	0.03%	0.004%
97	16.487	2390	2392	2394	rVV	120	128	0.04%	0.004%
98	16.602	2409	2411	2414	rVB	90	105	0.03%	0.004%
99	16.633	2414	2416	2419	rBV	152	186	0.05%	0.006%
100	16.700	2425	2427	2428	rBV	146	108	0.03%	0.004%

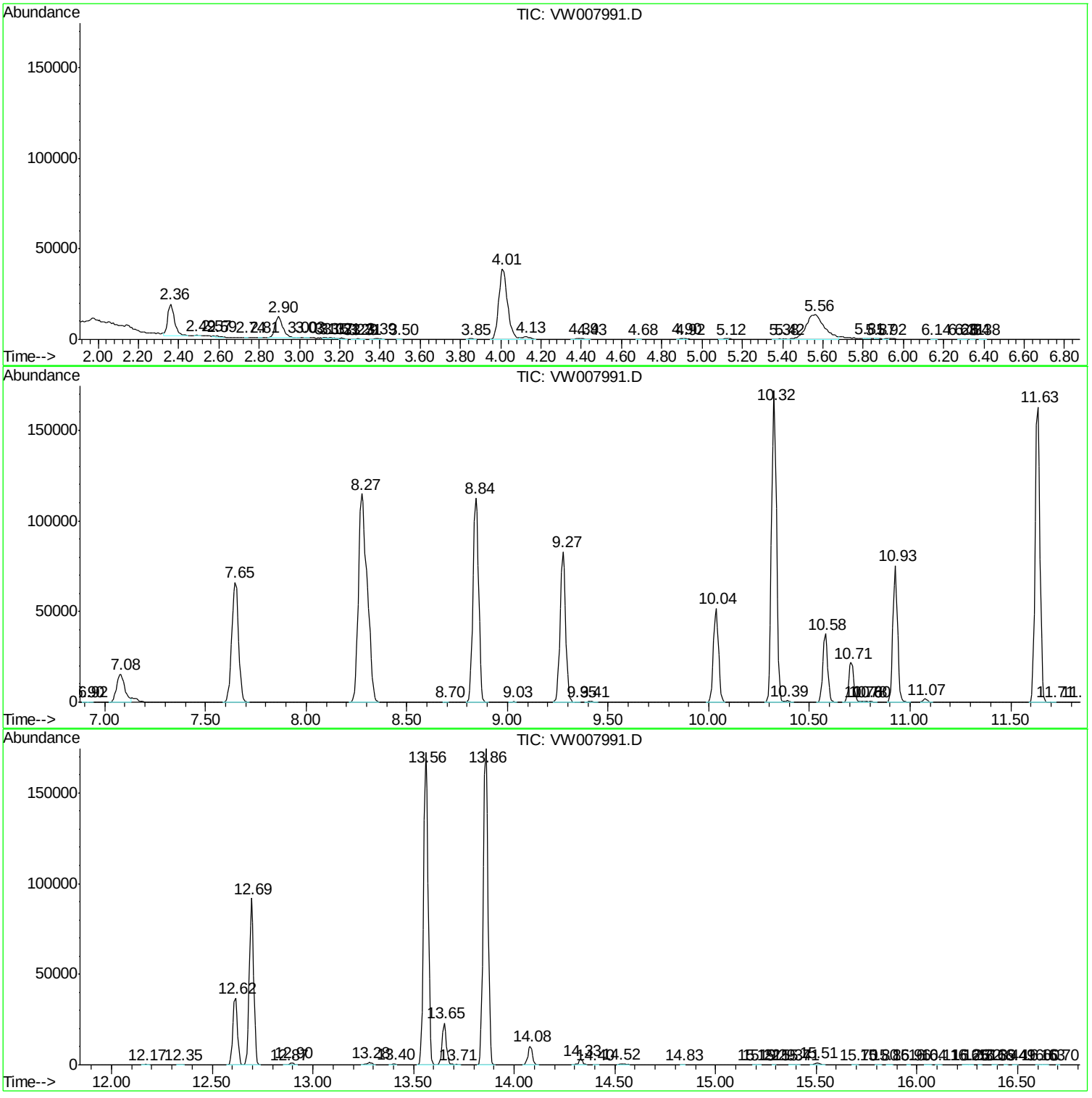
Sum of corrected areas: 2953893

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007991.D
Acq On : 28 Dec 2018 00:48
Operator : SY/AP
Sample : J6540-16
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007991.D
Acq On : 28 Dec 2018 00:48
Operator : SY/AP
Sample : J6540-16
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

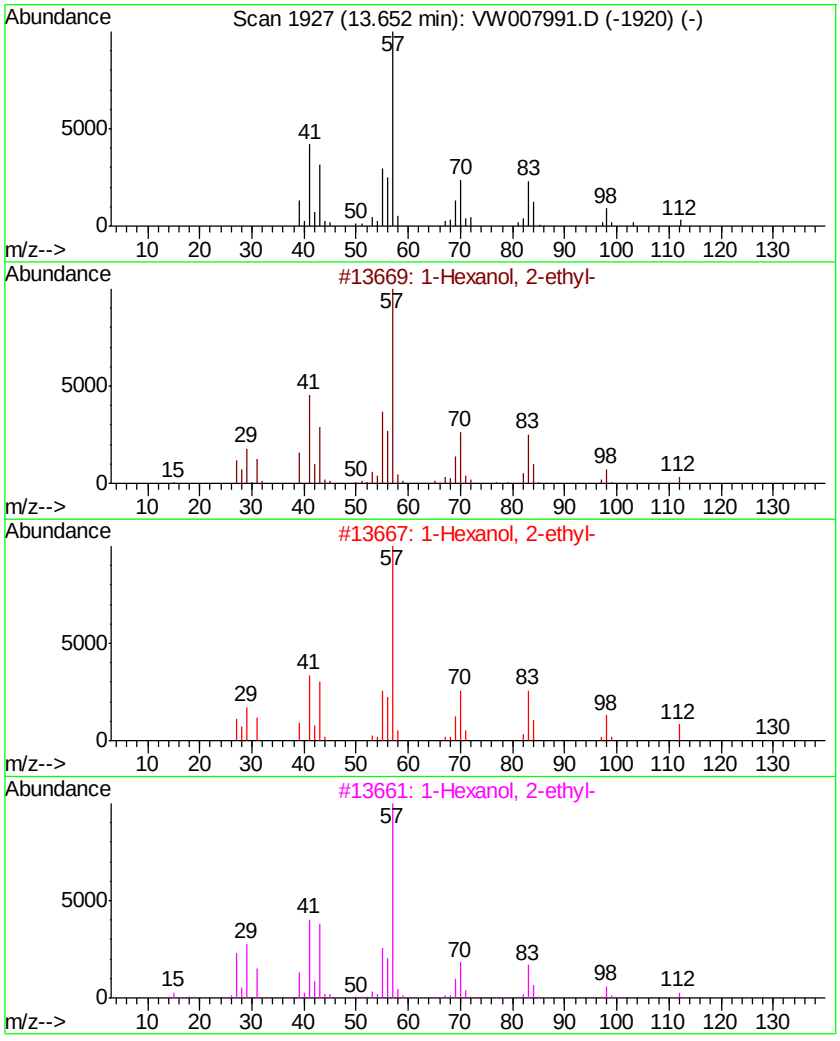
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

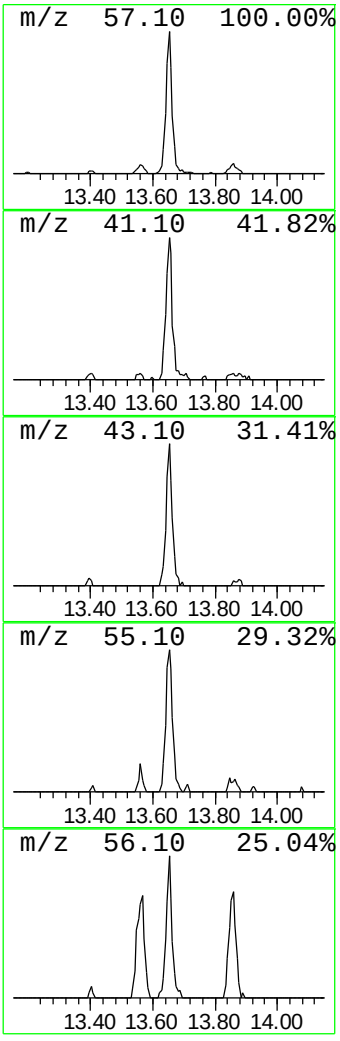
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.15 ug/L	34082	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007991.D
Acq On : 28 Dec 2018 00:48
Operator : SY/AP
Sample : J6540-16
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	13.65	3.1	ug/L	34082	3	13.56	270614	25.0