LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007986.D
Acq On : 27 Dec 2018 22:38
Operator : SY/AP
Sample : J6540-11
Misc : 5.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP2

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	1.959	5	9	15	rVB3	682	1222	0.35%	0.043%
2	2.062	24	26	30	rVB2	221	237	0.07%	0.008%
3	2.105	31	33	34	rVB	210	127	0.04%	0.005%
4	2.129	34	37	38	rVB	153	147	0.04%	0.005%
5	2.142	38	39	40	rBV	273	129	0.04%	0.005%
6	2.154	40	41	44	rVB	250	209	0.06%	0.007%
7	2.197	47	48	51	rVB	368	274	0.08%	0.010%
8	2.233	51	54	55	rBV	252	307	0.09%	0.011%
9	2.288	61	63	65	rVB	155	131	0.04%	0.005%
10	2.361	66	75	87	rBV	15667	36071	10.21%	1.280%
11	2.489	92	96	103	rBV3	949	1942	0.55%	0.069%
12	2.568	105	109	111	rBV2	350	350	0.10%	0.012%
13	2.648	120	122	125	rBV	203	256	0.07%	0.009%
14	2.678	125	127	129	rVV2	190	191	0.05%	0.007%
15	2.703	129	131	132	rVV	152	121	0.03%	0.004%
16	2.757	138	140	142	rVB	187	141	0.04%	0.005%
17	2.776	142	143	145	rBV2	177	134	0.04%	0.005%
18	2.898	155	163	178	rVV3	10052	28673	8.12%	1.018%
19	2.995	178	179	183	rVV2	199	178	0.05%	0.006%
20	3.038	185	186	191	rBV2	152	223	0.06%	0.008%
21	3.148	200	204	206	rVV2	123	180	0.05%	0.006%
22	3.276	223	225	227	rBV2	151	177	0.05%	0.006%
23	3.312	229	231	232	rVV	176	144	0.04%	0.005%
24	3.379	238	242	245	rVV	117	254	0.07%	0.009%
25	3.416	245	248	250	rVB	86	114	0.03%	0.004%
26	3.507	262	263	266	rVV	112	123	0.03%	0.004%
27	3.580	273	275	278	rBB	124	144	0.04%	0.005%
28	3.623	280	282	286	rVV	110	188	0.05%	0.007%
29	3.654	286	287	290	rVV	118	147	0.04%	0.005%
30	3.684	290	292	294	rVV	108	130	0.04%	0.005%
31	3.708	294	296	298	rVV	87	112	0.03%	0.004%
32	3.843	314	318	319	rBV	195	248	0.07%	0.009%
33	3.861	319	321	323	rVV	280	334	0.09%	0.012%
34	3.879	323	324	327	rVB	284	172	0.05%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007986.D
Acq On : 27 Dec 2018 22:38
Operator : SY/AP
Sample : J6540-11
Misc : 5.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP2

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	4.007	335	345	359	rBV	34696	118806	33.63%	4.217%
36	4.117	359	363	376	rVB3	2457	7206	2.04%	0.256%
37	4.397	401	409	418	rBB3	1020	2784	0.79%	0.099%
38	4.897	487	491	492	rBV	570	639	0.18%	0.023%
39	5.105	522	525	526	rVV	342	281	0.08%	0.010%
40	5.123	526	528	531	rVB	273	286	0.08%	0.010%
41	5.934	654	661	662	rBV	464	618	0.17%	0.022%
42	6.897	815	819	825	rBV4	666	1292	0.37%	0.046%
43	7.080	839	849	856	rBV	16106	42637	12.07%	1.513%
44	7.647	933	942	953	rBB	65244	155205	43.93%	5.509%
45	8.275	1035	1045	1059	rBV2	115811	353301	100.00%	12.540%
46	8.842	1130	1138	1146	rBV	114868	218259	61.78%	7.747%
47	9.037	1165	1170	1173	rBB2	392	664	0.19%	0.024%
48	9.275	1201	1209	1218	rBB2	79847	157652	44.62%	5.596%
49	9.342	1219	1220	1223	rBB	218	156	0.04%	0.006%
50	9.409	1227	1231	1237	rBB	1593	2532	0.72%	0.090%
51	10.037	1327	1334	1342	rBB	50623	90210	25.53%	3.202%
52	10.323	1374	1381	1389	rBV	168667	293519	83.08%	10.418%
53	10.384	1389	1391	1396	rVB2	682	1064	0.30%	0.038%
54	10.579	1416	1423	1430	rBB	36703	61723	17.47%	2.191%
55	10.707	1437	1444	1452	rBV	17033	29870	8.45%	1.060%
56	10.786	1455	1457	1459	rBB	145	135	0.04%	0.005%
57	10.927	1473	1480	1491	rBB	74157	120743	34.18%	4.286%
58	11.073	1499	1504	1509	rBV2	4634	7205	2.04%	0.256%
59	11.634	1589	1596	1604	rBB	156800	264681	74.92%	9.395%
60	11.713	1605	1609	1611	rBV	144	184	0.05%	0.007%
61	11.737	1611	1613	1615	rVB	159	138	0.04%	0.005%
62	11.841	1626	1630	1633	rBB	330	394	0.11%	0.014%
63	12.158	1678	1682	1683	rBV	394	391	0.11%	0.014%
64	12.237	1693	1695	1698	rBB	205	186	0.05%	0.007%
65	12.341	1708	1712	1717	rBB3	2891	4193	1.19%	0.149%
66	12.615	1751	1757	1763	rBB	22277	35974	10.18%	1.277%
67	12.695	1763	1770	1777	rBB	89137	143060	40.49%	5.078%
68	12.871	1797	1799	1801	rBV	134	128	0.04%	0.005%
69	12.896	1801	1803	1806	rVB	245	234	0.07%	0.008%
70	12.932	1806	1809	1812	rBB2	333	412	0.12%	0.015%
71	13.274	1858	1865	1870	rBB2	911	1481	0.42%	0.053%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007986.D
Acq On : 27 Dec 2018 22:38
Operator : SY/AP
Sample : J6540-11
Misc : 5.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP2

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	13.402	1881	1886	1891	rBB2	4455	6422	1.82%	0.228%
73	13.560	1905	1912	1919	rBV	168800	267939	75.84%	9.510%
74	13.652	1921	1927	1937	rVV	21460	33495	9.48%	1.189%
75	13.859	1954	1961	1970	rBB	170269	283888	80.35%	10.077%
76	14.018	1984	1987	1988	rBV	246	182	0.05%	0.006%
77	14.079	1991	1997	2003	rVB	9786	15764	4.46%	0.560%
78	14.335	2033	2039	2043	rBV2	5772	8359	2.37%	0.297%
79	14.530	2066	2071	2075	rBB3	1032	1378	0.39%	0.049%
80	15.188	2174	2179	2185	rBB	1387	1790	0.51%	0.064%
81	15.261	2186	2191	2193	rBV	194	246	0.07%	0.009%
82	15.371	2206	2209	2212	rBB	209	206	0.06%	0.007%
83	15.414	2213	2216	2221	rBB2	310	376	0.11%	0.013%
84	15.505	2225	2231	2237	rBB2	1603	2754	0.78%	0.098%
85	15.676	2256	2259	2261	rBB	89	118	0.03%	0.004%
86	15.749	2269	2271	2272	rBV	144	143	0.04%	0.005%
87	15.810	2279	2281	2285	rBB	231	254	0.07%	0.009%
88	15.914	2295	2298	2300	rBV	118	141	0.04%	0.005%
89	15.956	2304	2305	2308	rBV	121	113	0.03%	0.004%
90	16.011	2311	2314	2316	rBV	113	143	0.04%	0.005%
91	16.035	2316	2318	2321	rVB	204	181	0.05%	0.006%
92	16.139	2333	2335	2338	rBV	108	158	0.04%	0.006%
93	16.322	2362	2365	2368	rBB	123	144	0.04%	0.005%
94	16.395	2375	2377	2382	rVB	104	176	0.05%	0.006%
95	16.468	2387	2389	2390	rBV	119	118	0.03%	0.004%
96	16.511	2395	2396	2399	rVB	154	110	0.03%	0.004%
97	16.602	2406	2411	2412	rBV	201	214	0.06%	0.008%
98	16.676	2420	2423	2430	rVB2	176	364	0.10%	0.013%
99	16.730	2430	2432	2434	rBB	153	150	0.04%	0.005%
100	16.773	2435	2439	2441	rBB	190	207	0.06%	0.007%

Sum of corrected areas: 2817306

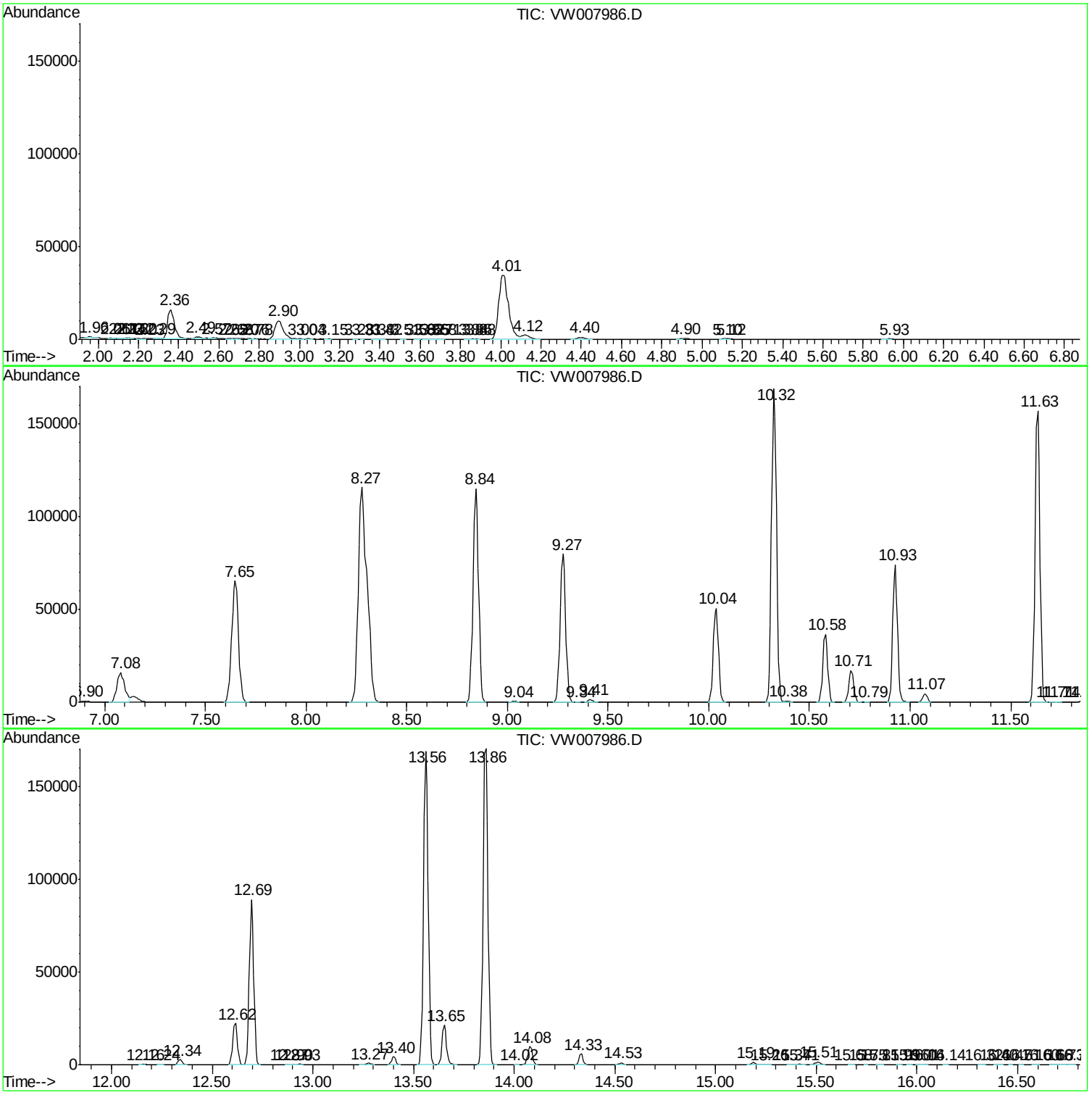
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007986.D
Acq On : 27 Dec 2018 22:38
Operator : SY/AP
Sample : J6540-11
Misc : 5.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP2

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007986.D
Acq On : 27 Dec 2018 22:38
Operator : SY/AP
Sample : J6540-11
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP2

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

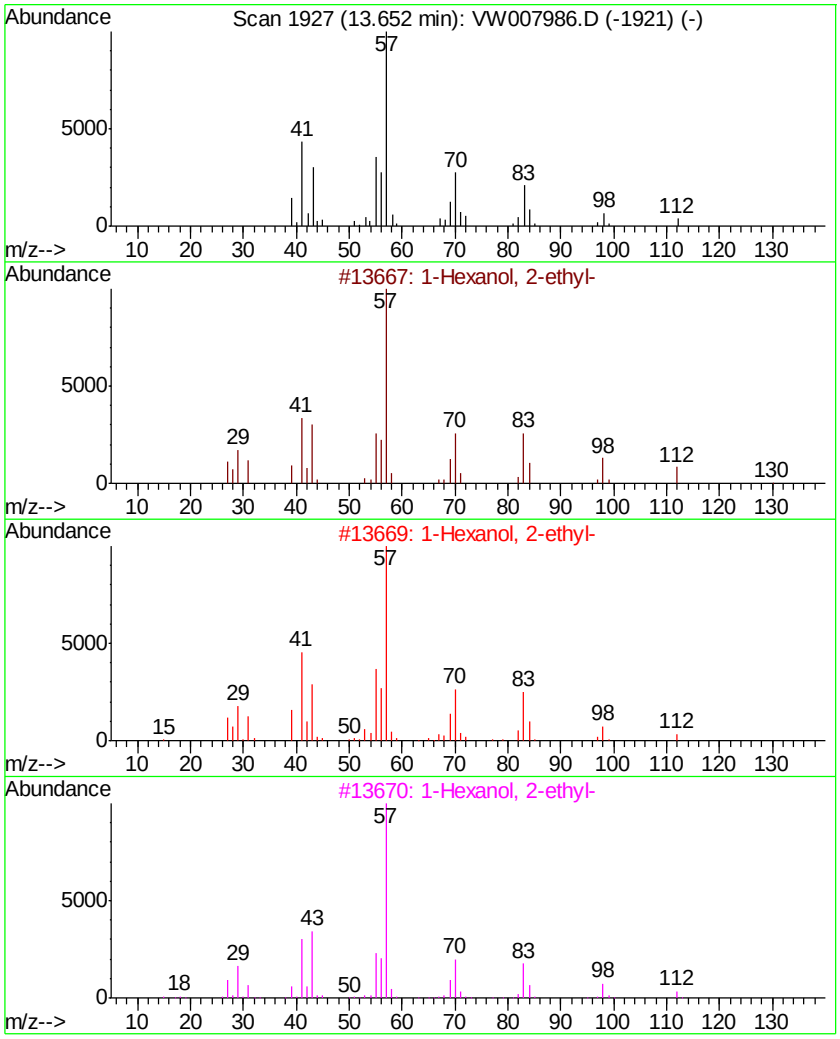
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

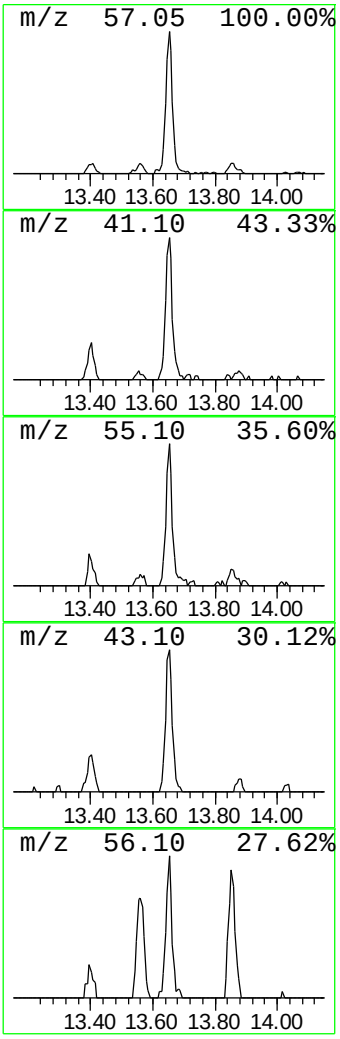
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.13 ug/L	33495	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007986.D
Acq On : 27 Dec 2018 22:38
Operator : SY/AP
Sample : J6540-11
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP2

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	33495	3	13.56	267939	25.0