LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062819\
Data File : VU033062.D
Acq On : 27 Jun 2019 13:25
Operator : JC/SP
Sample : K3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF14

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_U\METHOD\SOMULM061719WMA.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	1.180	22	28	40	rVB	23554	23830	0.38%	0.179%
2	1.299	59	65	72	rBV	9703	9668	0.15%	0.073%
3	1.399	87	96	115	rBV	1543639	1620613	25.77%	12.192%
4	1.675	174	182	198	rVB	65249	81103	1.29%	0.610%
5	2.264	354	365	378	rVB2	137581	214618	3.41%	1.615%
6	2.370	392	398	407	rVB4	1685	2079	0.03%	0.016%
7	2.428	414	416	420	rBV	348	274	0.00%	0.002%
8	2.470	423	429	438	rVB3	1096	1537	0.02%	0.012%
9	2.823	532	539	542	rBV2	1043	1377	0.02%	0.010%
10	2.904	558	564	567	rBV	285	321	0.01%	0.002%
11	2.936	571	574	576	rVV2	335	252	0.00%	0.002%
12	2.978	577	587	602	rVB	16468	30121	0.48%	0.227%
13	3.151	638	641	643	rBV	272	147	0.00%	0.001%
14	3.225	661	664	666	rBV	227	141	0.00%	0.001%
15	3.563	766	769	771	rVB	248	132	0.00%	0.001%
16	3.598	776	780	783	rVB2	191	150	0.00%	0.001%
17	3.826	849	851	856	rVB2	218	130	0.00%	0.001%
18	3.891	868	871	874	rVB2	204	130	0.00%	0.001%
19	4.006	904	907	912	rVV2	259	148	0.00%	0.001%
20	4.109	934	939	944	rBV2	294	266	0.00%	0.002%
21	4.215	947	972	1021	rBV	2516462	6288054	100.00%	47.305%
22	4.640	1087	1104	1128	rBV	119276	280633	4.46%	2.111%
23	5.164	1265	1267	1270	rVB2	323	142	0.00%	0.001%
24	5.238	1286	1290	1293	rBV2	212	192	0.00%	0.001%
25	5.331	1293	1319	1352	rBV2	229203	690029	10.97%	5.191%
26	5.479	1361	1365	1368	rBV4	398	317	0.01%	0.002%
27	5.566	1387	1392	1397	rVB2	331	374	0.01%	0.003%
28	5.595	1398	1401	1403	rBV2	188	141	0.00%	0.001%
29	5.640	1413	1415	1419	rBV3	260	171	0.00%	0.001%
30	5.685	1424	1429	1430	rBV2	266	173	0.00%	0.001%
31	5.736	1442	1445	1447	rVV	279	190	0.00%	0.001%
32	5.749	1447	1449	1454	rVB2	302	218	0.00%	0.002%
33	5.878	1475	1489	1514	rBV	225010	445698	7.09%	3.353%
34	6.013	1527	1531	1538	rVB4	363	364	0.01%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062819\
Data File : VU033062.D
Acq On : 27 Jun 2019 13:25
Operator : JC/SP
Sample : K3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF14

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_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

35	6.116	1560	1563	1565	rBV2	331	151	0.00%	0.001%
36	6.132	1565	1568	1572	rVV	265	197	0.00%	0.001%
37	6.180	1572	1583	1596	rVB6	8540	16731	0.27%	0.126%
38	6.325	1613	1628	1648	rBV	161558	323496	5.14%	2.434%
39	6.463	1666	1671	1678	rVB4	592	631	0.01%	0.005%
40	6.598	1711	1713	1716	rVB2	264	138	0.00%	0.001%
41	6.624	1719	1721	1729	rVB	252	219	0.00%	0.002%
42	6.711	1746	1748	1750	rBV	244	150	0.00%	0.001%
43	6.858	1790	1794	1795	rVV3	358	271	0.00%	0.002%
44	6.871	1795	1798	1803	rVV3	586	580	0.01%	0.004%
45	7.029	1845	1847	1851	rBV2	290	231	0.00%	0.002%
46	7.100	1865	1869	1872	rBV2	346	320	0.01%	0.002%
47	7.154	1882	1886	1889	rBV2	315	337	0.01%	0.003%
48	7.222	1894	1907	1923	rBV	91676	164035	2.61%	1.234%
49	7.389	1956	1959	1962	rBV4	300	278	0.00%	0.002%
50	7.460	1976	1981	1994	rVB4	2213	3713	0.06%	0.028%
51	7.559	1998	2012	2029	rBV	301035	527151	8.38%	3.966%
52	7.704	2055	2057	2063	rVB5	427	269	0.00%	0.002%
53	7.797	2083	2086	2089	rBV3	286	197	0.00%	0.001%
54	7.846	2089	2101	2117	rBV	64388	113772	1.81%	0.856%
55	8.000	2145	2149	2151	rBV3	224	179	0.00%	0.001%
56	8.083	2174	2175	2179	rVB3	192	132	0.00%	0.001%
57	8.173	2190	2203	2217	rVB2	7239	13010	0.21%	0.098%
58	8.260	2227	2230	2233	rBV2	221	188	0.00%	0.001%
59	8.305	2233	2244	2280	rBV	200762	377228	6.00%	2.838%
60	8.479	2296	2298	2304	rVB4	562	430	0.01%	0.003%
61	8.720	2370	2373	2376	rVB2	212	159	0.00%	0.001%
62	8.800	2395	2398	2400	rBV3	444	231	0.00%	0.002%
63	8.833	2404	2408	2411	rVB3	206	152	0.00%	0.001%
64	8.852	2411	2414	2416	rBV	222	142	0.00%	0.001%
65	8.977	2451	2453	2456	rVB	254	142	0.00%	0.001%
66	9.000	2456	2460	2462	rBV	238	186	0.00%	0.001%
67	9.083	2474	2486	2521	rBV	344798	574297	9.13%	4.320%
68	9.241	2532	2535	2539	rBV3	473	530	0.01%	0.004%
69	9.302	2551	2554	2556	rBV2	264	165	0.00%	0.001%
70	9.357	2567	2571	2572	rBV2	228	186	0.00%	0.001%
71	9.373	2572	2576	2578	rBV2	950	763	0.01%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062819\
Data File : VU033062.D
Acq On : 27 Jun 2019 13:25
Operator : JC/SP
Sample : K3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF14

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_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

72	9.640	2654	2659	2662	rBV2	323	373	0.01%	0.003%
73	9.672	2666	2669	2672	rBV2	154	121	0.00%	0.001%
74	9.778	2696	2702	2707	rBV3	1165	1486	0.02%	0.011%
75	9.865	2727	2729	2732	rVB	270	175	0.00%	0.001%
76	9.900	2737	2740	2743	rBV3	262	211	0.00%	0.002%
77	10.042	2782	2784	2788	rVB3	336	149	0.00%	0.001%
78	10.157	2817	2820	2829	rBV2	492	622	0.01%	0.005%
79	10.212	2833	2837	2842	rVB2	253	285	0.00%	0.002%
80	10.238	2842	2845	2847	rBV3	192	128	0.00%	0.001%
81	10.424	2892	2903	2925	rBV	240054	387555	6.16%	2.916%
82	10.505	2925	2928	2933	rVB2	373	287	0.00%	0.002%
83	10.604	2948	2959	2973	rVB3	8757	14862	0.24%	0.112%
84	10.685	2981	2984	2985	rBV2	250	146	0.00%	0.001%
85	10.743	2997	3002	3004	rBV2	259	222	0.00%	0.002%
86	10.971	3069	3073	3077	rBV3	402	387	0.01%	0.003%
87	11.058	3096	3100	3103	rBV2	303	282	0.00%	0.002%
88	11.167	3131	3134	3138	rBV2	312	287	0.00%	0.002%
89	11.238	3154	3156	3159	rBV2	169	125	0.00%	0.001%
90	11.289	3167	3172	3176	rBV	474	546	0.01%	0.004%
91	11.411	3206	3210	3211	rBV3	726	476	0.01%	0.004%
92	11.479	3219	3231	3254	rBV	333301	544409	8.66%	4.096%
93	11.855	3333	3348	3369	rBV	309368	522451	8.31%	3.930%
94	12.318	3489	3492	3495	rBV2	341	294	0.00%	0.002%
95	12.617	3581	3585	3589	rVB4	626	588	0.01%	0.004%
96	12.678	3598	3604	3606	rBV3	431	420	0.01%	0.003%
97	12.887	3666	3669	3676	rBV3	449	378	0.01%	0.003%
98	12.967	3690	3694	3696	rBV	329	262	0.00%	0.002%
99	13.308	3797	3800	3802	rBV	315	171	0.00%	0.001%
100	13.768	3940	3943	3946	rBV	358	252	0.00%	0.002%

Sum of corrected areas: 13292670

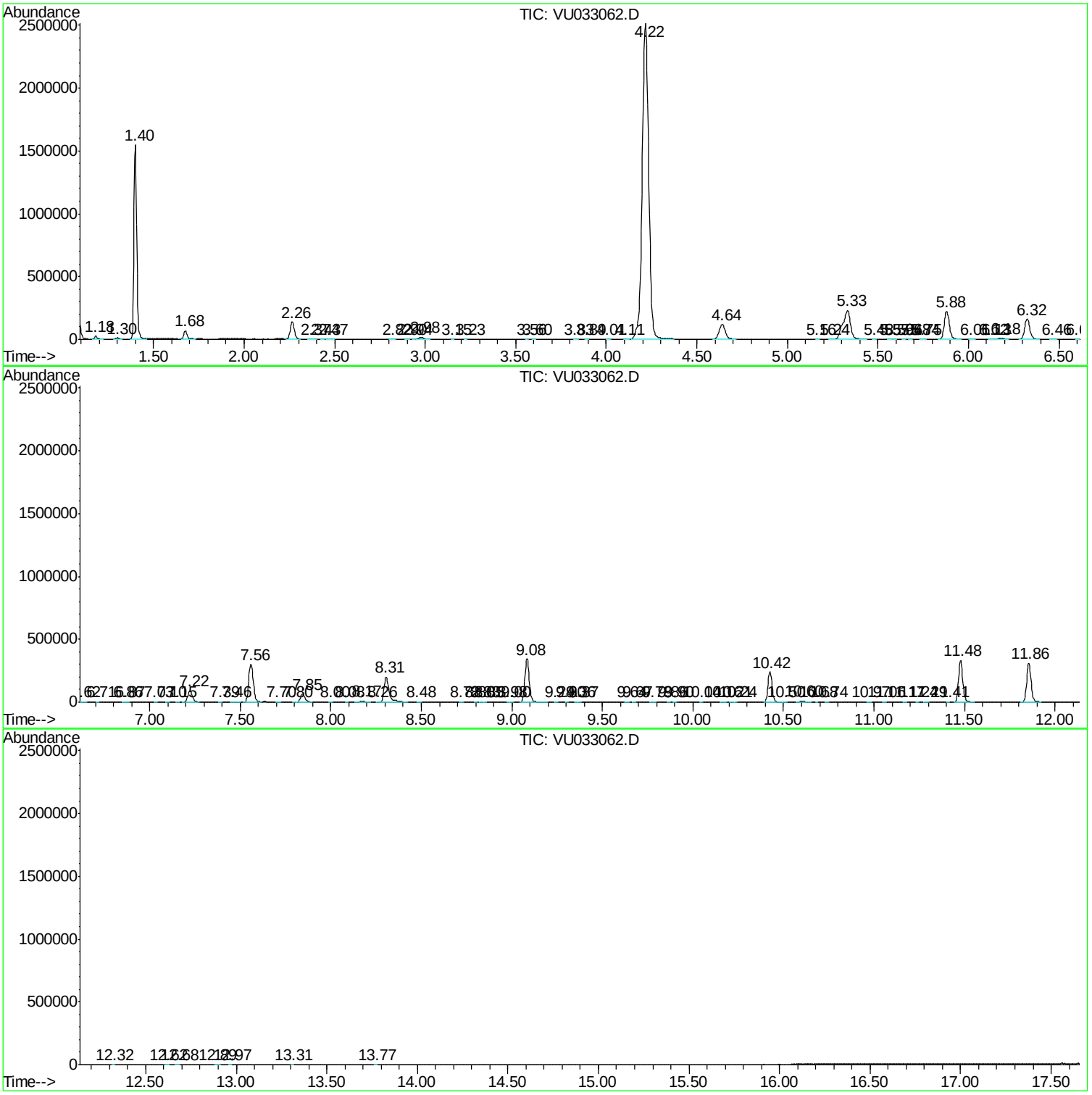
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062819\
Data File : VU033062.D
Acq On : 27 Jun 2019 13:25
Operator : JC/SP
Sample : K3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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 U\DATA\VU062819\
Data File : VU033062.D
Acq On : 27 Jun 2019 13:25
Operator : JC/SP
Sample : K3463-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

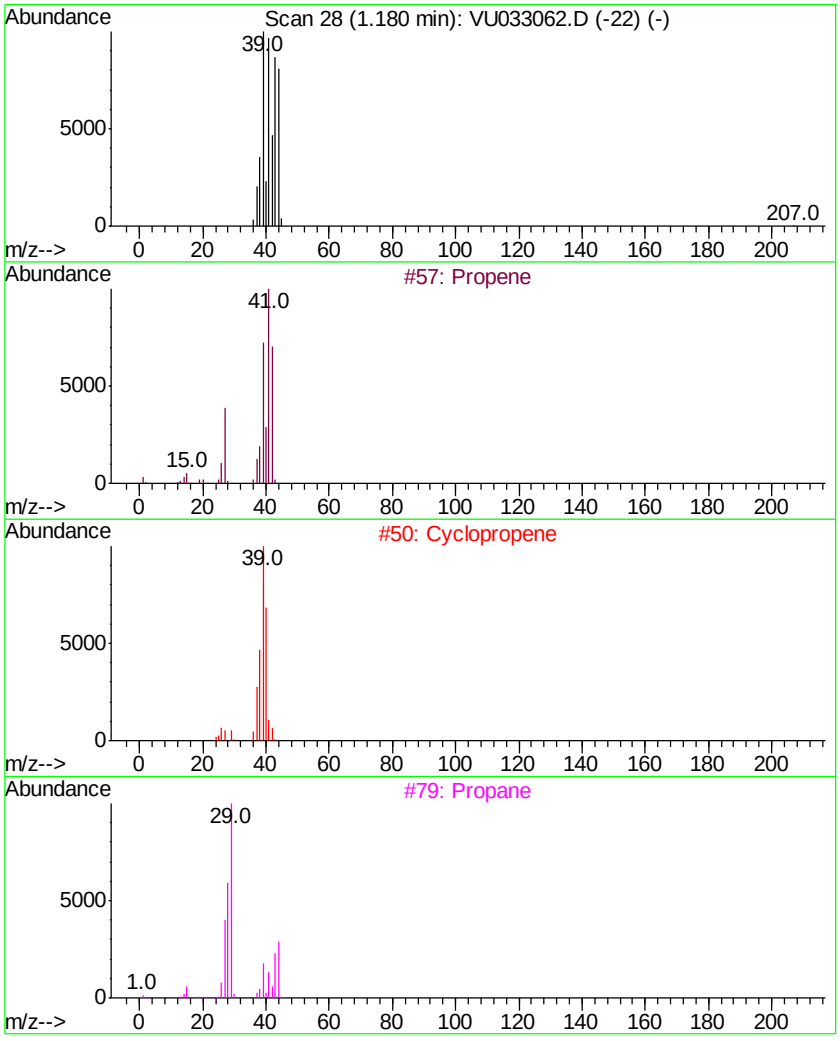
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

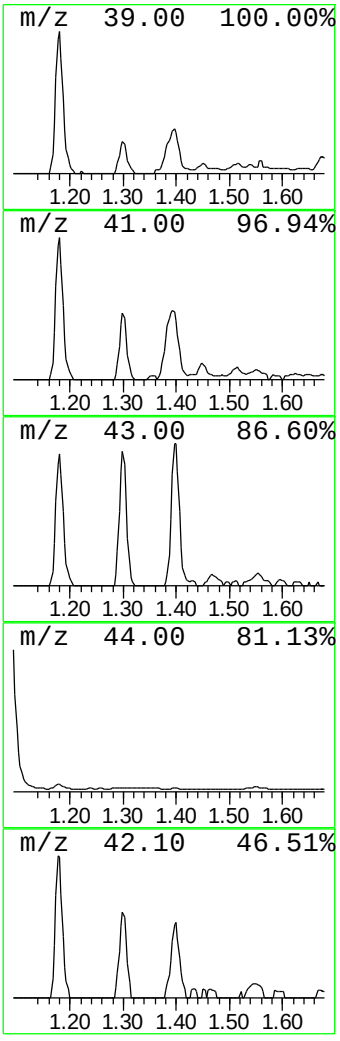
****

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	2.67 ug/L	23830	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	9
2	Cyclopropene	40	C3H4	002781-85-3	4
3	Propane	44	C3H8	000074-98-6	4
4	Propane	44	C3H8	000074-98-6	4
5	Propane	44	C3H8	000074-98-6	3





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062819\
Data File : VU033062.D
Acq On : 27 Jun 2019 13:25
Operator : JC/SP
Sample : K3463-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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
(DEL) Alkane: Cyc...	1.18	2.7	ug/L	23830	1	5.88	445698	50.0