LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021527.D
Acq On : 18 Jul 2019 17:17
Operator : HP/JU
Sample : K3822-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-072219

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.892	659	664	675	rVB	184529	326193	6.21%	0.754%
2	7.063	688	693	702	rVB	523524	812993	15.47%	1.880%
3	7.251	719	725	737	rVB	636021	1030256	19.60%	2.382%
4	7.716	798	804	814	rVB	563469	907943	17.27%	2.099%
5	8.428	918	925	936	rBV	487227	826513	15.72%	1.911%
6	8.881	995	1002	1011	rBV	716135	1161913	22.11%	2.687%
7	9.592	1117	1123	1134	rBV	572801	978586	18.62%	2.263%
8	10.128	1207	1214	1233	rBV	833375	1548931	29.47%	3.582%
9	10.498	1270	1277	1284	rBV	750825	1286589	24.48%	2.975%
10	10.551	1284	1286	1293	rVB	26699	33284	0.63%	0.077%
11	10.669	1300	1306	1318	rVB	44380	93446	1.78%	0.216%
12	12.110	1544	1551	1558	rBV3	9282	17136	0.33%	0.040%
13	13.245	1739	1744	1749	rBV5	7038	11397	0.22%	0.026%
14	13.780	1828	1835	1839	rVV	1647791	2344036	44.59%	5.420%
15	13.827	1839	1843	1849	rVV	256161	381728	7.26%	0.883%
16	14.057	1874	1882	1893	rBV	1942086	2890870	55.00%	6.684%
17	14.363	1927	1934	1941	rBV2	1141220	1728858	32.89%	3.998%
18	14.421	1941	1944	1949	rVB	18238	24571	0.47%	0.057%
19	14.604	1968	1975	1989	rBV2	72800	185118	3.52%	0.428%
20	14.763	1999	2002	2008	rVB	12690	21316	0.41%	0.049%
21	15.021	2041	2046	2052	rBV2	36739	50694	0.96%	0.117%
22	15.204	2073	2077	2080	rVB3	7006	8723	0.17%	0.020%
23	15.357	2097	2103	2110	rBV	2558534	3607586	68.63%	8.342%
24	15.410	2110	2112	2118	rVV	21172	29713	0.57%	0.069%
25	15.492	2121	2126	2138	rBV	570986	857850	16.32%	1.984%
26	15.598	2141	2144	2149	rVB	24011	34144	0.65%	0.079%
27	15.868	2186	2190	2193	rVB5	3166	5656	0.11%	0.013%
28	16.068	2219	2224	2227	rBV5	4400	7215	0.14%	0.017%
29	16.145	2233	2237	2240	rVB3	10065	15019	0.29%	0.035%
30	16.862	2355	2359	2361	rBV3	6192	8993	0.17%	0.021%
31	16.904	2362	2366	2375	rVB6	8883	16291	0.31%	0.038%
32	17.115	2394	2402	2412	rBV	1461869	2081180	39.59%	4.812%
33	17.215	2412	2419	2429	rVV	2576019	3828912	72.84%	8.854%
34	17.339	2436	2440	2444	rVB2	5232	8218	0.16%	0.019%

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Instrument : BNA_M
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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Title : SVOA CALIBRATION

35	17.398	2446	2450	2454	rBV4	3915	6653	0.13%	0.015%
36	17.504	2464	2468	2471	rBV5	5244	7825	0.15%	0.018%
37	17.592	2481	2483	2488	rBV5	7547	13195	0.25%	0.031%
38	17.780	2512	2515	2521	rBV5	11916	15165	0.29%	0.035%
39	18.003	2548	2553	2564	rBV2	129640	212815	4.05%	0.492%
40	18.292	2599	2602	2605	rBV5	8213	10832	0.21%	0.025%
41	18.356	2611	2613	2620	rVB6	8567	11801	0.22%	0.027%
42	19.145	2744	2747	2751	rBV2	35731	49850	0.95%	0.115%
43	19.292	2768	2772	2778	rBV3	51348	83786	1.59%	0.194%
44	19.398	2787	2790	2794	rVB	30256	42651	0.81%	0.099%
45	19.509	2803	2809	2822	rBV	3365892	4675534	88.95%	10.811%
46	21.009	3061	3064	3070	rBV3	117207	188620	3.59%	0.436%
47	21.303	3109	3114	3120	rBV	1833768	2391143	45.49%	5.529%
48	21.880	3209	3212	3215	rBV	109294	123660	2.35%	0.286%
49	22.344	3288	3291	3295	rVB2	148876	191493	3.64%	0.443%
50	22.850	3374	3377	3382	rVB	207358	274236	5.22%	0.634%
51	23.415	3466	3473	3486	rVB	2841701	5256332	100.00%	12.154%
52	23.562	3491	3498	3507	rVB2	1282382	2519924	47.94%	5.827%

Sum of corrected areas: 43247386

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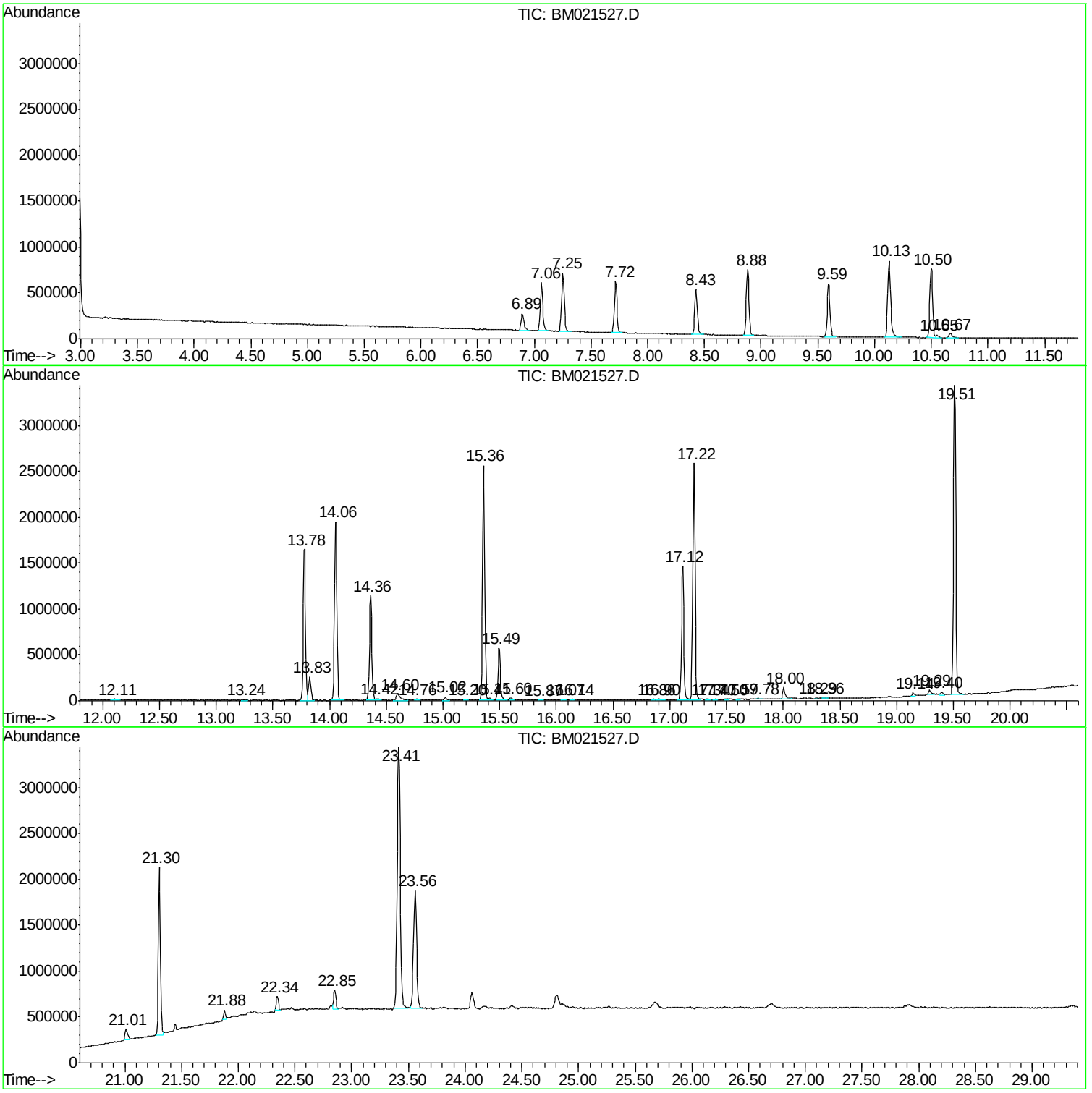
ClientSampleId :
HD-02-072219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM021527.D
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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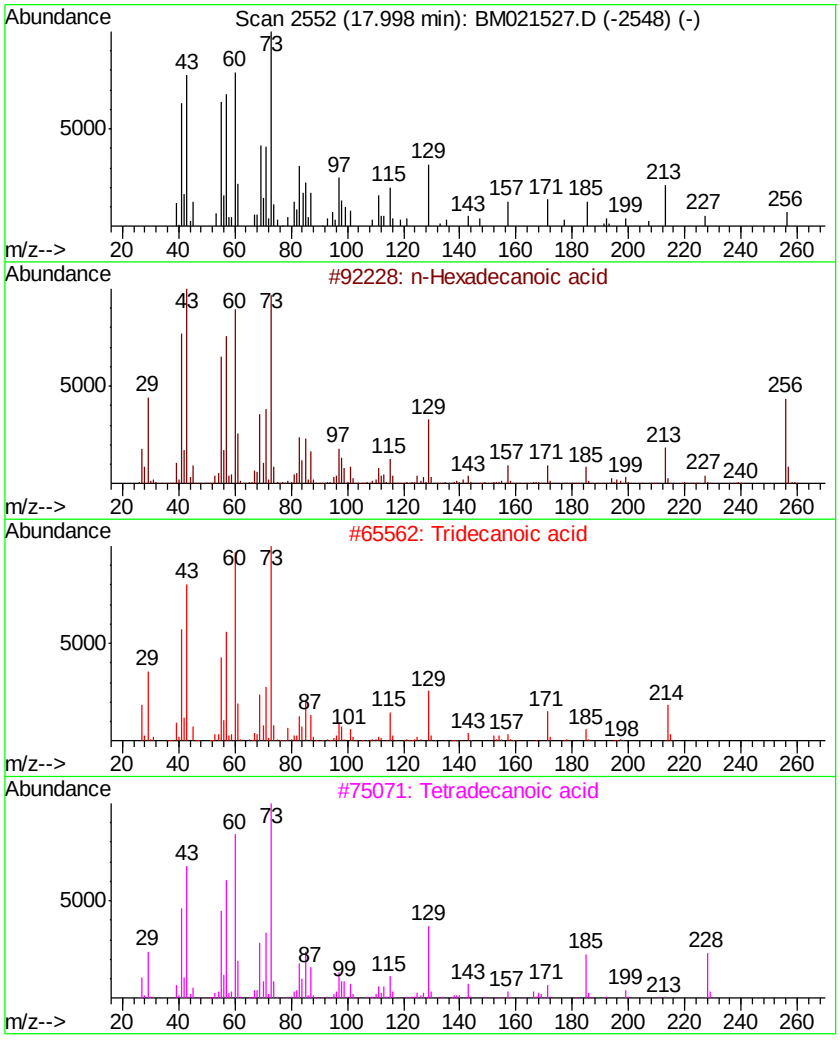
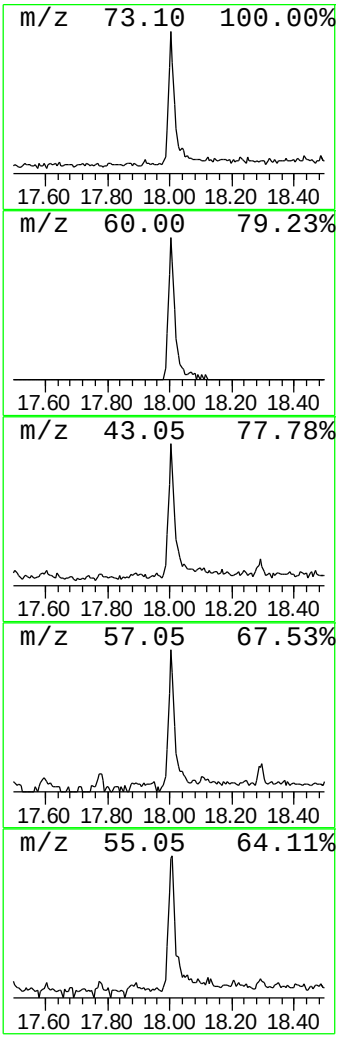
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.05 ng/ul	212815	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Instrument : BNA_M
ClientSampleId : HD-02-072219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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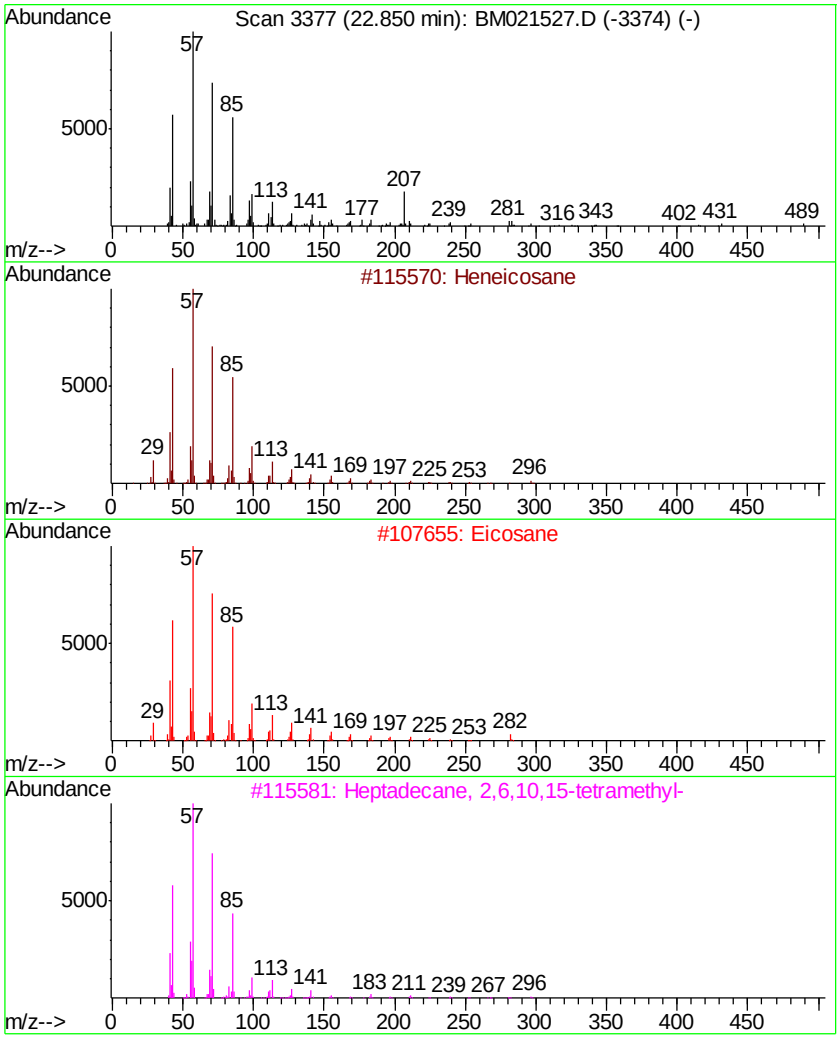
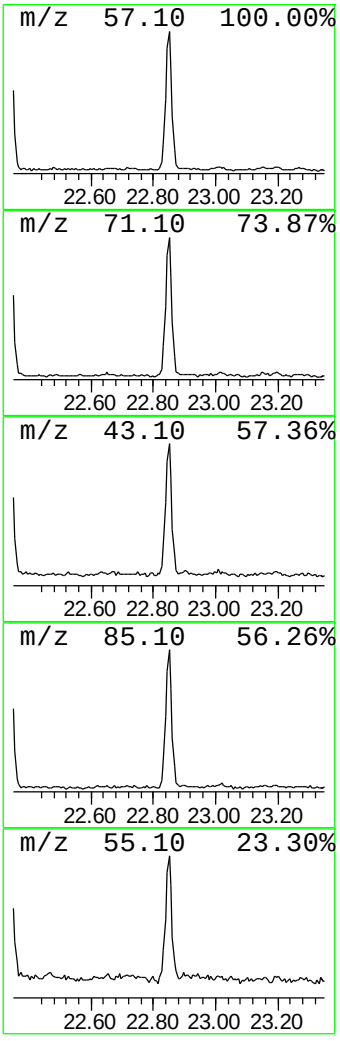
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.18 ng/ul	274236	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Triacontane	422	C30H62	000638-68-6	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : HD-02-072219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	2.0	ng/ul	212815	4	17.12	2081180	20.0
(DEL) Alkane: Str...	22.85	2.2	ng/ul	274236	6	23.56	2519920	20.0