

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058975.D
 Acq On : 11 Sep 2023 8:37
 Operator : MA/JU
 Sample : 04195-10
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YBY64

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_G\Methods\SFAM-EPA-BG091023.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058975.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	72	74	77	rBV4	5000	5790	0.29%	0.025%
2	4.075	98	100	103	rBV4	5957	6911	0.34%	0.030%
3	4.187	117	119	121	rVB2	5105	4932	0.24%	0.021%
4	4.293	135	137	141	rVB4	7321	7536	0.37%	0.033%
5	4.404	154	156	160	rVB4	10133	12357	0.61%	0.054%
6	4.434	160	161	166	rVB4	5411	5308	0.26%	0.023%
7	4.927	242	245	247	rBV2	6066	6698	0.33%	0.029%
8	5.626	362	364	366	rVB2	6413	5035	0.25%	0.022%
9	5.644	366	367	369	rVB2	7272	5100	0.25%	0.022%
10	5.662	369	370	372	rBV	6194	5158	0.26%	0.022%
11	5.744	383	384	387	rBV2	5903	5224	0.26%	0.023%
12	6.102	443	445	448	rVB2	6306	4476	0.22%	0.019%
13	6.208	461	463	466	rBV	5406	5227	0.26%	0.023%
14	6.337	481	485	489	rBV4	8170	10431	0.52%	0.045%
15	6.384	491	493	500	rVB4	6061	9193	0.46%	0.040%
16	6.519	513	516	517	rVB	5494	4425	0.22%	0.019%
17	6.572	523	525	529	rVV3	7145	9273	0.46%	0.040%
18	7.195	628	631	634	rBV4	4390	4433	0.22%	0.019%
19	7.266	638	643	645	rBV4	4793	8213	0.41%	0.036%
20	7.307	646	650	651	rVB3	5005	5945	0.29%	0.026%
21	7.383	662	663	665	rBV	5395	4403	0.22%	0.019%
22	7.430	665	671	681	rVV	361096	639177	31.66%	2.774%
23	7.512	683	685	687	rVB3	5724	4996	0.25%	0.022%
24	7.542	687	690	692	rBV3	5753	5621	0.28%	0.024%
25	7.571	692	695	697	rVB3	5208	5437	0.27%	0.024%
26	7.642	701	707	714	rVB	257234	439048	21.74%	1.905%
27	7.777	726	730	733	rVB2	3918	4869	0.24%	0.021%
28	7.835	733	740	748	rBV	226379	404569	20.04%	1.756%
29	8.323	816	823	830	rBV	294118	506780	25.10%	2.199%
30	8.687	881	885	888	rVB2	3198	4558	0.23%	0.020%
31	9.005	928	939	946	rBV	306822	538864	26.69%	2.338%
32	9.422	1008	1010	1015	rVB	4864	6783	0.34%	0.029%
33	9.522	1015	1027	1034	rBV2	219886	418869	20.75%	1.818%
34	9.745	1062	1065	1068	rBV3	4409	5760	0.29%	0.025%
35	9.939	1094	1098	1101	rVB3	2655	4761	0.24%	0.021%
36	10.074	1119	1121	1128	rVB2	8269	14101	0.70%	0.061%

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Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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37	10.133	1128	1131	1134	rBV	5040	6473	0.32%	0.028%
38	10.239	1142	1149	1156	rVB	198454	347019	17.19%	1.506%
39	10.432	1176	1182	1185	rVB3	3741	5829	0.29%	0.025%
40	10.679	1220	1224	1226	rVB2	4789	5229	0.26%	0.023%
41	10.761	1230	1238	1246	rBV	321426	571250	28.29%	2.479%
42	10.879	1253	1258	1260	rVB	3978	4604	0.23%	0.020%
43	11.167	1299	1307	1317	rBV	447676	824133	40.82%	3.576%
44	11.308	1322	1331	1339	rBV	219901	391039	19.37%	1.697%
45	11.590	1376	1379	1382	rVV	4026	4708	0.23%	0.020%
46	12.548	1539	1542	1545	rVB2	3775	4558	0.23%	0.020%
47	12.648	1556	1559	1561	rBV2	4638	5204	0.26%	0.023%
48	12.730	1569	1573	1575	rBV4	4810	4858	0.24%	0.021%
49	13.276	1662	1666	1670	rVB2	5402	8121	0.40%	0.035%
50	13.570	1712	1716	1721	rVB3	4007	8810	0.44%	0.038%
51	13.699	1735	1738	1743	rVB3	7811	11562	0.57%	0.050%
52	13.781	1747	1752	1762	rVB3	26912	46680	2.31%	0.203%
53	14.128	1809	1811	1816	rVV4	6028	7356	0.36%	0.032%
54	14.346	1842	1848	1854	rVB	596433	883328	43.75%	3.833%
55	14.651	1893	1900	1907	rVB	658622	1025428	50.79%	4.450%
56	14.945	1944	1950	1957	rBV	768738	1244129	61.62%	5.399%
57	15.109	1971	1978	1987	rBV2	310638	481171	23.83%	2.088%
58	15.291	2003	2009	2014	rVB5	12939	23837	1.18%	0.103%
59	15.338	2014	2017	2018	rBV2	6343	6199	0.31%	0.027%
60	15.685	2072	2076	2079	rBV2	4480	6794	0.34%	0.029%
61	15.838	2098	2102	2104	rVB2	3643	4426	0.22%	0.019%
62	15.932	2110	2118	2126	rBV	864344	1346280	66.68%	5.842%
63	16.032	2129	2135	2143	rBV	221950	351617	17.41%	1.526%
64	16.102	2145	2147	2152	rVB3	4977	7103	0.35%	0.031%
65	16.578	2225	2228	2230	rBV3	5998	6283	0.31%	0.027%
66	16.713	2248	2251	2252	rBV2	6219	5989	0.30%	0.026%
67	16.966	2292	2294	2296	rBV	4762	4896	0.24%	0.021%
68	17.013	2299	2302	2306	rBV5	11201	15469	0.77%	0.067%
69	17.107	2315	2318	2319	rBV	4428	4538	0.22%	0.020%
70	17.483	2379	2382	2384	rBV3	7080	8209	0.41%	0.036%
71	17.577	2393	2398	2399	rBV3	4819	5874	0.29%	0.025%
72	17.695	2411	2418	2426	rVB	1101058	1696059	84.00%	7.360%
73	17.794	2428	2435	2442	rBV	990859	1522853	75.42%	6.608%
74	18.024	2472	2474	2476	rVB2	6937	4916	0.24%	0.021%
75	18.200	2501	2504	2506	rBV4	4942	4449	0.22%	0.019%
76	18.264	2513	2515	2518	rBV3	4857	4931	0.24%	0.021%

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77	18.306	2520	2522	2523	rBV2	9567	7495	0.37%	0.033%
78	18.523	2553	2559	2568	rBV	385321	557213	27.60%	2.418%
79	18.799	2603	2606	2609	rBV4	7405	9503	0.47%	0.041%
80	18.887	2619	2621	2623	rBV3	4784	4950	0.25%	0.021%
81	18.946	2628	2631	2634	rVB3	4711	6361	0.32%	0.028%
82	18.987	2637	2638	2642	rBV4	4883	5380	0.27%	0.023%
83	19.099	2655	2657	2660	rBV3	4235	4815	0.24%	0.021%
84	19.169	2665	2669	2671	rBV5	8010	11302	0.56%	0.049%
85	19.369	2701	2703	2704	rBV2	6740	4586	0.23%	0.020%
86	19.463	2716	2719	2725	rBV6	7820	13989	0.69%	0.061%
87	19.639	2744	2749	2751	rBV4	36121	59934	2.97%	0.260%
88	19.780	2768	2773	2778	rBV2	261235	336927	16.69%	1.462%
89	19.927	2796	2798	2807	rVB8	16805	24029	1.19%	0.104%
90	19.998	2807	2810	2811	rBV2	7487	5890	0.29%	0.026%
91	20.068	2815	2822	2830	rVB	1197591	1776836	88.00%	7.710%
92	20.333	2865	2867	2870	rVB4	8675	6930	0.34%	0.030%
93	20.356	2870	2871	2874	rBV3	7483	6261	0.31%	0.027%
94	21.572	3074	3078	3088	rBV3	164722	295108	14.62%	1.281%
95	22.019	3147	3154	3161	rVB	1033305	1796026	88.95%	7.793%
96	22.818	3286	3290	3294	rBV5	38828	66314	3.28%	0.288%
97	24.475	3566	3572	3578	rBV2	61449	130087	6.44%	0.564%
98	25.333	3707	3718	3730	rVB2	608823	1827855	90.53%	7.932%
99	25.585	3748	3761	3774	rBV	609934	2019078	100.00%	8.761%
100	26.649	3940	3942	3943	rBV2	10858	5962	0.30%	0.026%

Sum of corrected areas: 23045303

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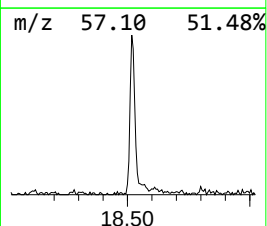
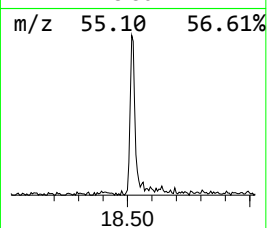
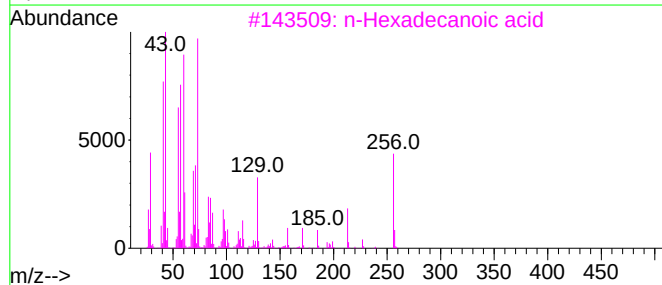
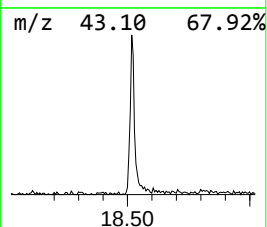
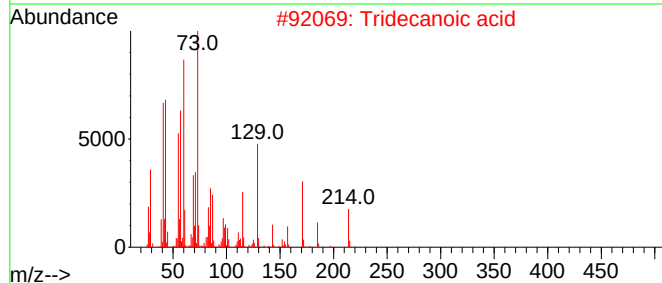
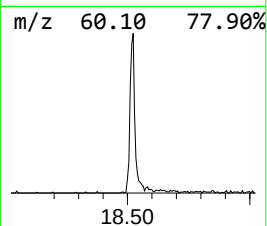
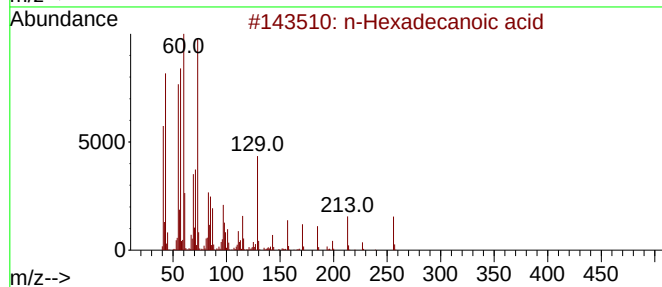
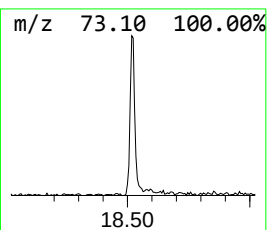
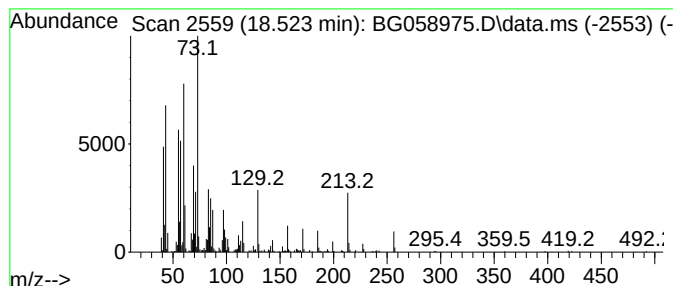
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.523	6.57 ng/ul	557213	Phenanthrene-d10	17.695

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5			Tridecanoic acid	214	C13H26O2	000638-53-9	93



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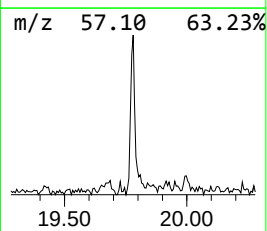
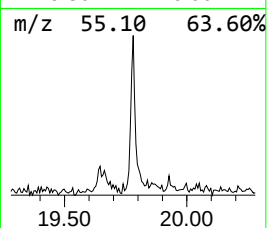
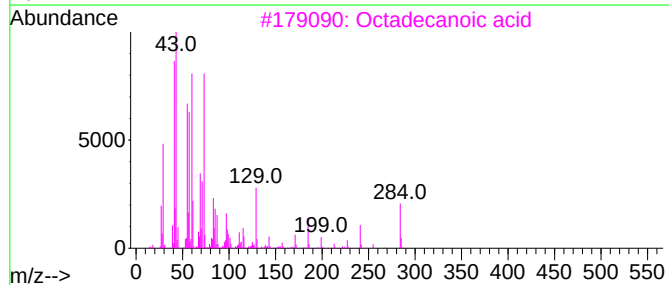
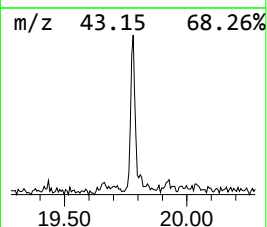
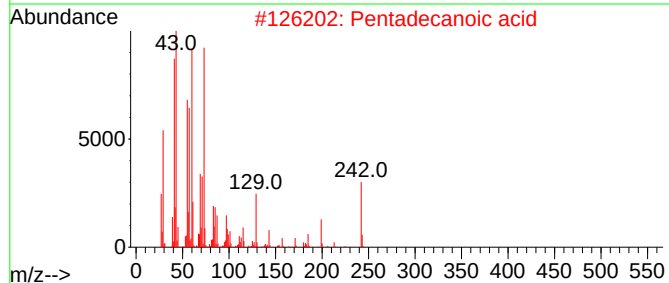
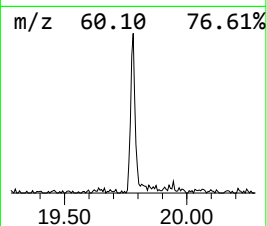
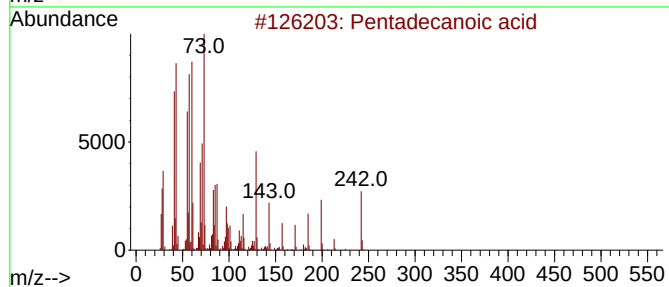
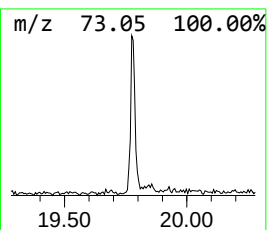
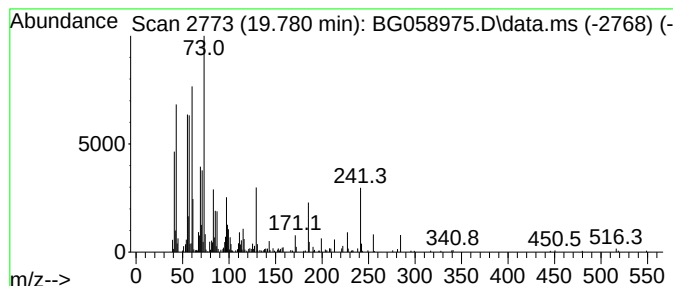
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.780	3.97 ng/ul	336927	Phenanthrene-d10	17.695

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3			Octadecanoic acid	284	C18H36O2	000057-11-4	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Octadecanoic acid	284	C18H36O2	000057-11-4	62



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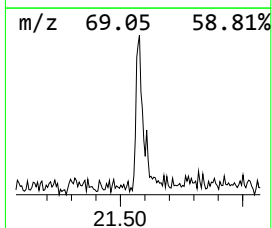
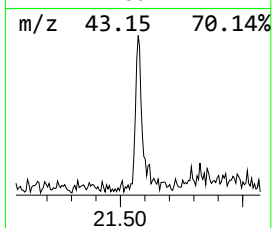
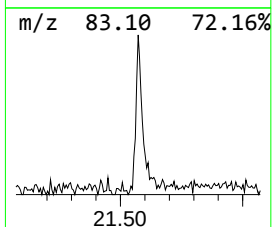
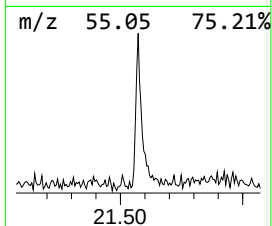
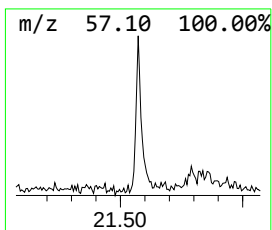
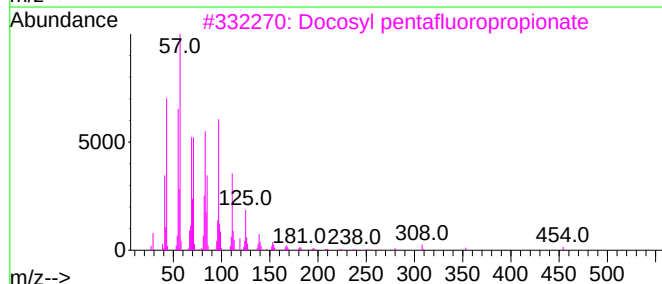
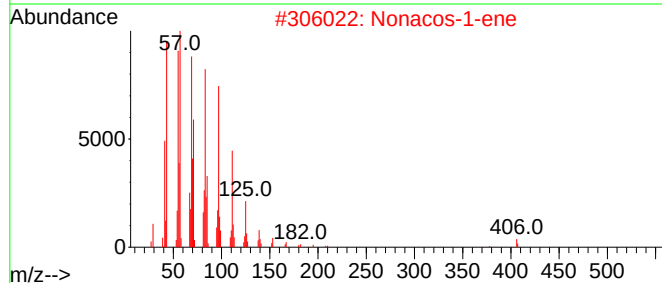
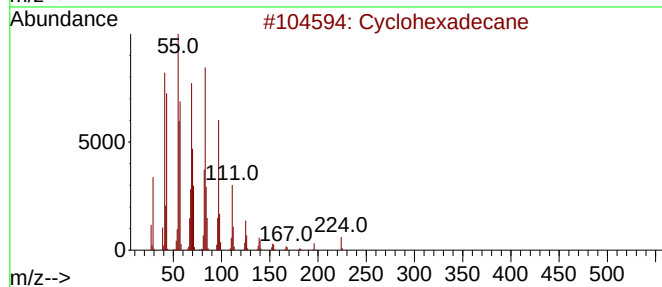
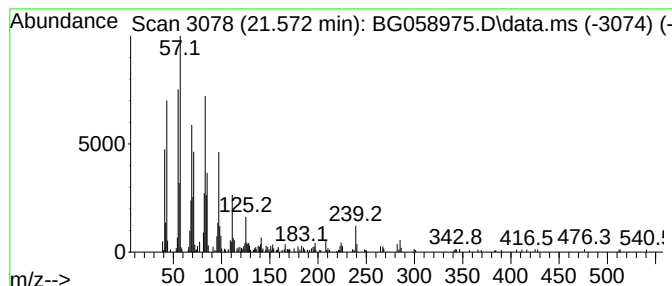
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.572 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.572	3.29 ng/ul	295108	Chrysene-d12	22.019

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	95
2			Nonacos-1-ene	406	C29H58	018835-35-3	91
3			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
4			Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
5			Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	90



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.523	6.6	ng/ul	557213	4	17.695	1696060	20.0
Pentadecanoic acid	19.780	4.0	ng/ul	336927	4	17.695	1696060	20.0
(DEL) Alkane: C...	21.572	3.3	ng/ul	295108	5	22.019	1796030	20.0