LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024606.D
Acq On : 29 Mar 2023 12:27
Operator : CG/JU
Sample : 01982-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EYGB5

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_N\Methods\SFAM-EPA-BN032923.M
Title : SVOA CALIBRATION

Signal : TIC: BN024606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.370	10	14	30	rVB	70973	116811	1.81%	0.164%
2	3.670	63	65	71	rBV4	5088	8757	0.14%	0.012%
3	3.799	84	87	106	rBV	799397	1312560	20.37%	1.846%
4	4.134	140	144	149	rVB	21299	35608	0.55%	0.050%
5	4.234	159	161	165	rVB5	6562	6683	0.10%	0.009%
6	4.511	206	208	213	rVB6	6255	7174	0.11%	0.010%
7	4.717	239	243	248	rVB7	4721	7913	0.12%	0.011%
8	5.070	298	303	309	rVB	25453	37640	0.58%	0.053%
9	6.375	521	525	529	rBV5	6928	10195	0.16%	0.014%
10	7.152	650	657	676	rVB	1104893	1804615	28.01%	2.538%
11	7.322	679	686	699	rVV	893907	1424063	22.10%	2.003%
12	7.528	713	721	729	rBV	1072632	1693641	26.29%	2.382%
13	7.999	792	801	809	rBV	1070822	1711640	26.57%	2.407%
14	8.063	809	812	820	rVB5	8631	11046	0.17%	0.016%
15	8.705	912	921	932	rBV	1225245	1976681	30.68%	2.780%
16	9.169	992	1000	1008	rBV	1067244	1715211	26.62%	2.412%
17	9.269	1013	1017	1021	rVV7	7992	14718	0.23%	0.021%
18	9.328	1024	1027	1033	rVB7	8188	15143	0.24%	0.021%
19	9.581	1064	1070	1074	rBV3	17398	27228	0.42%	0.038%
20	9.893	1115	1123	1132	rBV	851808	1386552	21.52%	1.950%
21	10.110	1157	1160	1166	rBV8	4214	7798	0.12%	0.011%
22	10.310	1190	1194	1200	rBV9	3698	9305	0.14%	0.013%
23	10.434	1208	1215	1226	rBV	1268913	2080644	32.29%	2.926%
24	10.816	1270	1280	1288	rBV	1577861	2564545	39.80%	3.606%
25	10.952	1296	1303	1314	rVV	1294437	2178554	33.81%	3.064%
26	11.475	1385	1392	1393	rBV7	3603	6940	0.11%	0.010%
27	11.599	1408	1413	1419	rBV6	7839	16724	0.26%	0.024%
28	11.834	1447	1453	1457	rVB9	3680	6916	0.11%	0.010%
29	11.993	1476	1480	1483	rBV6	4195	6744	0.10%	0.009%
30	12.228	1515	1520	1524	rBV3	14356	23369	0.36%	0.033%
31	12.304	1529	1533	1540	rBV9	3774	8490	0.13%	0.012%
32	12.399	1544	1549	1555	rBV	24758	39866	0.62%	0.056%
33	13.028	1654	1656	1660	rVB5	6320	8108	0.13%	0.011%
34	13.175	1676	1681	1684	rBV6	4061	7329	0.11%	0.010%
35	13.457	1723	1729	1736	rVB	26097	37339	0.58%	0.053%
36	13.598	1750	1753	1755	rBV3	6596	7454	0.12%	0.010%

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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

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Title : SVOA CALIBRATION

37	13.910	1801	1806	1808	rBV3	5564	6867	0.11%	0.010%
38	14.046	1822	1829	1839	rBV	2422534	3130490	48.59%	4.402%
39	14.334	1871	1878	1887	rBV	2621695	3745461	58.13%	5.267%
40	14.522	1906	1910	1915	rVB4	9323	14296	0.22%	0.020%
41	14.640	1922	1930	1939	rBV	2325532	3396862	52.72%	4.777%
42	14.828	1953	1962	1976	rBV	1014137	1443345	22.40%	2.030%
43	15.051	1994	2000	2006	rVB5	20329	35240	0.55%	0.050%
44	15.410	2058	2061	2063	rBV4	5208	6912	0.11%	0.010%
45	15.628	2091	2098	2106	rBV	3336656	4876077	75.68%	6.857%
46	15.745	2111	2118	2128	rBV	830849	1130447	17.55%	1.590%
47	15.863	2135	2138	2145	rVB3	17628	27927	0.43%	0.039%
48	15.992	2155	2160	2164	rBV	47421	66026	1.02%	0.093%
49	16.769	2288	2292	2296	rBV6	4023	6662	0.10%	0.009%
50	16.857	2302	2307	2311	rVB8	3997	7822	0.12%	0.011%
51	17.134	2350	2354	2357	rBV6	5908	7917	0.12%	0.011%
52	17.169	2357	2360	2365	rVV3	10115	15455	0.24%	0.022%
53	17.210	2365	2367	2373	rVB7	4069	6469	0.10%	0.009%
54	17.387	2390	2397	2405	rBV	2978309	4101866	63.66%	5.768%
55	17.486	2407	2414	2425	rVV	3606521	5168003	80.21%	7.267%
56	17.569	2425	2428	2439	rVB4	43098	71196	1.11%	0.100%
57	17.757	2458	2460	2464	rVB4	8118	9128	0.14%	0.013%
58	17.881	2475	2481	2485	rBV8	5077	11687	0.18%	0.016%
59	18.039	2506	2508	2515	rVB8	7616	12447	0.19%	0.018%
60	18.145	2522	2526	2528	rBV4	5569	7801	0.12%	0.011%
61	18.269	2542	2547	2556	rBV	296501	428167	6.65%	0.602%
62	18.351	2558	2561	2566	rVB3	11954	19700	0.31%	0.028%
63	18.698	2616	2620	2624	rBV5	14395	20392	0.32%	0.029%
64	19.339	2725	2729	2734	rBV3	47331	67275	1.04%	0.095%
65	19.410	2736	2741	2746	rBV	53004	100985	1.57%	0.142%
66	19.539	2760	2763	2770	rBV3	75830	105972	1.64%	0.149%
67	19.775	2797	2803	2816	rBV2	4593631	6104413	94.74%	8.584%
68	20.304	2891	2893	2898	rVB2	39328	35831	0.56%	0.050%
69	20.798	2975	2977	2981	rVB4	54988	57901	0.90%	0.081%
70	21.263	3052	3056	3067	rBV2	522263	819223	12.71%	1.152%
71	21.569	3103	3108	3116	rBV	3504024	4548595	70.60%	6.396%
72	23.880	3494	3501	3513	rBV2	2993460	6443001	100.00%	9.060%
73	24.045	3522	3529	3542	rVB2	2348122	4719424	73.25%	6.637%

Sum of corrected areas: 71111286

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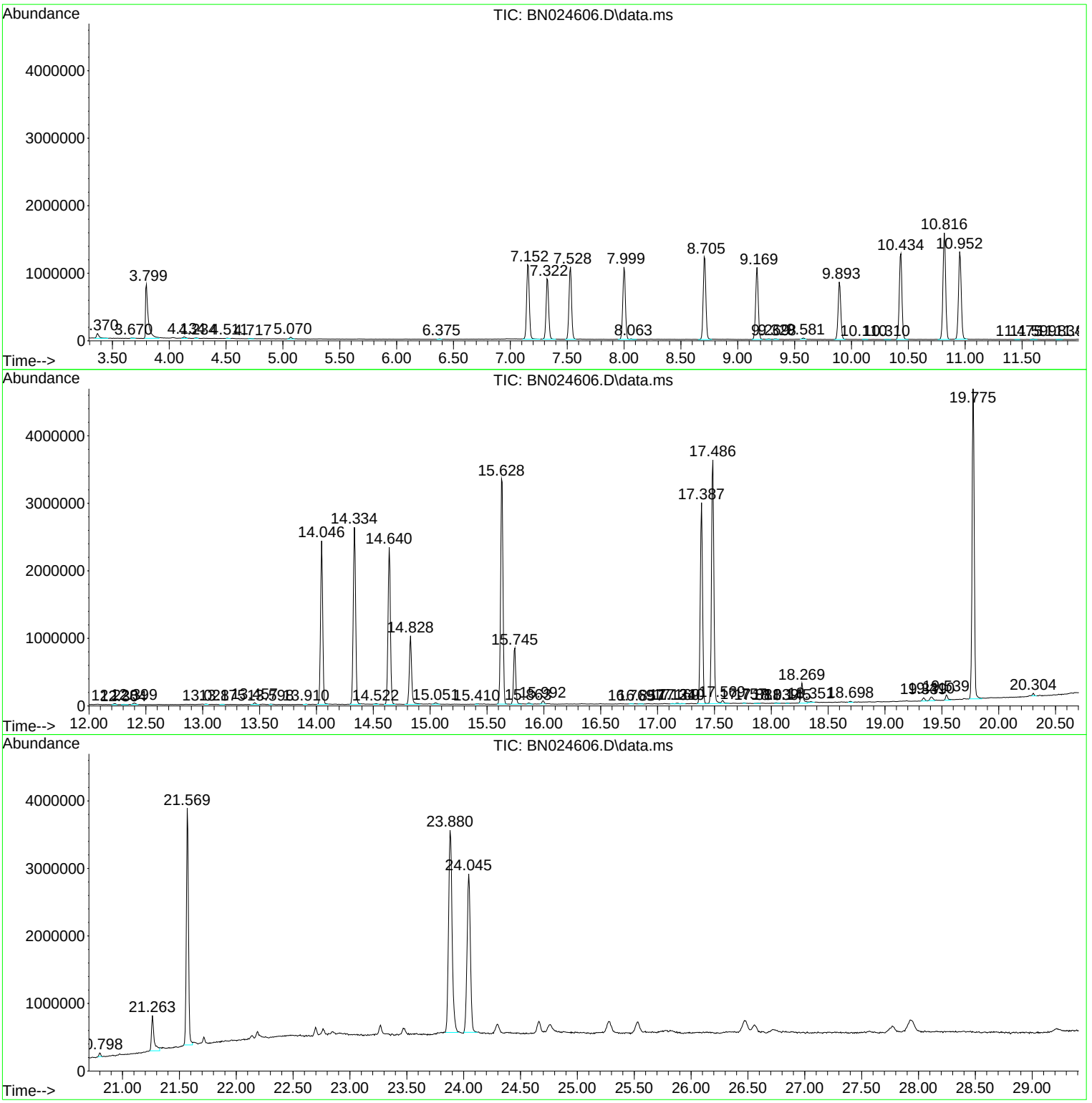
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

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



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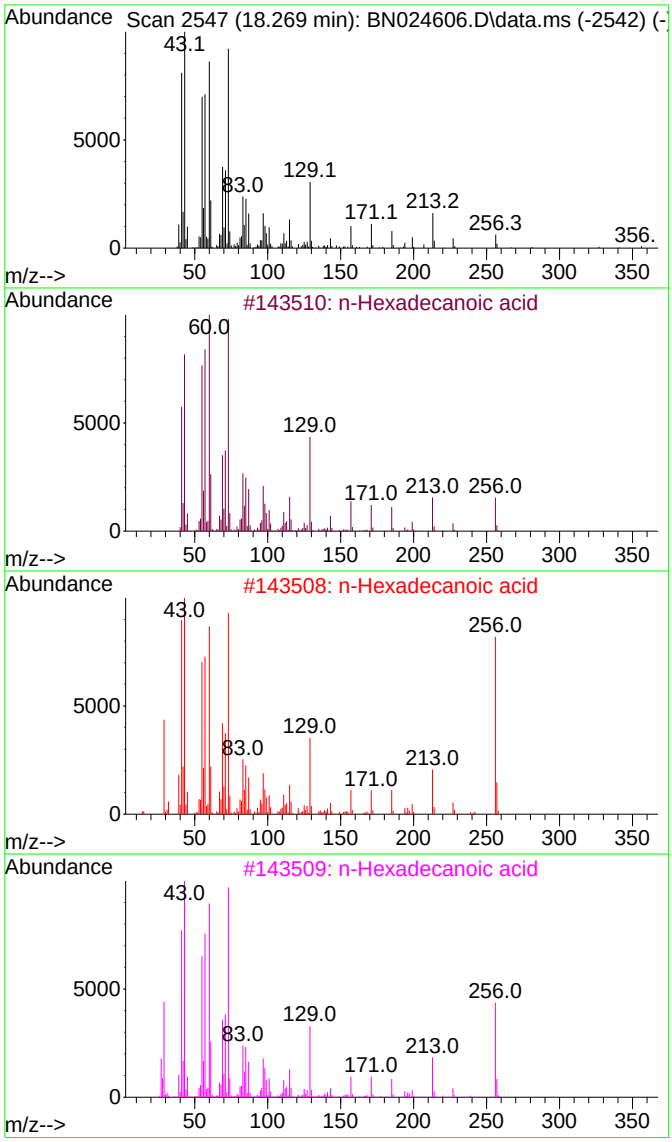
TIC Integration Parameters: LSCINT.P

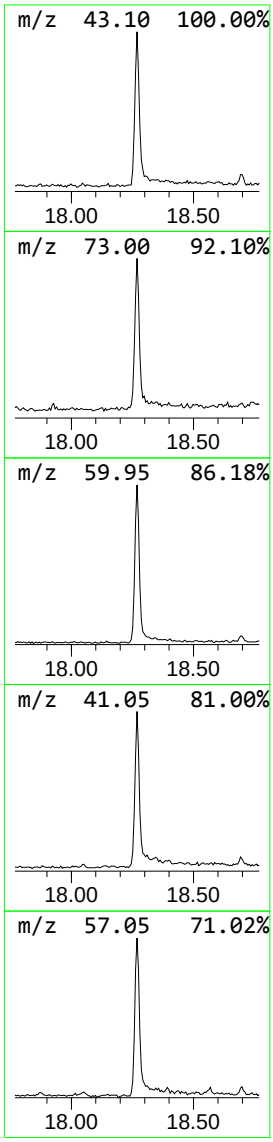
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	2.09 ng/ul	428167	Phenanthrene-d10	17.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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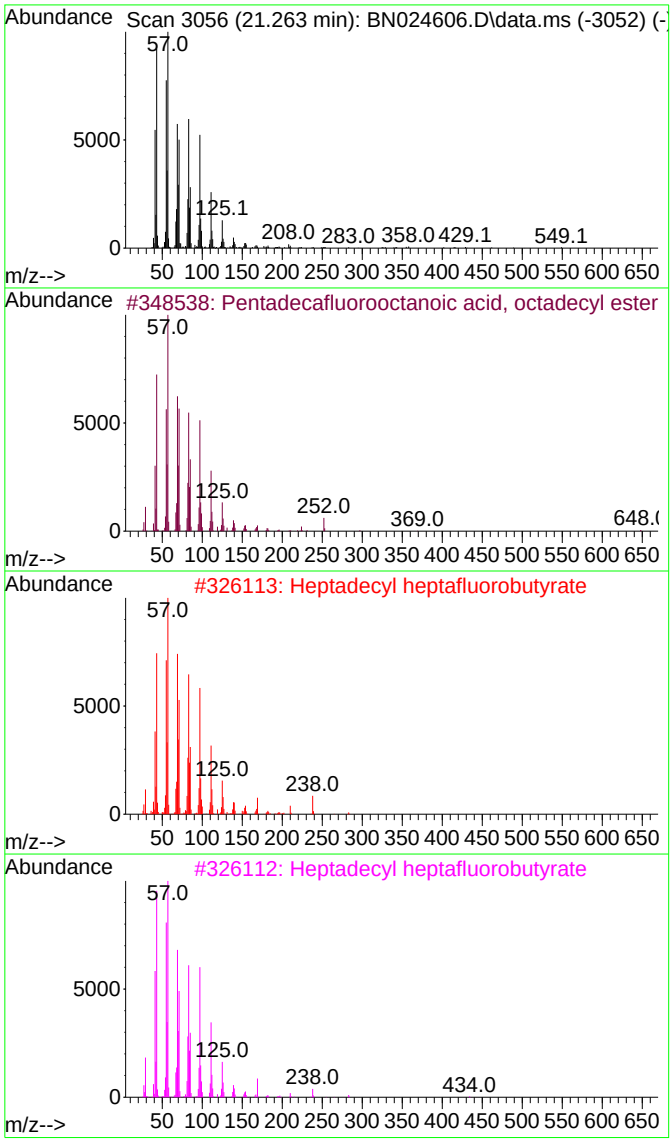
Quant Title : SVOA CALIBRATION

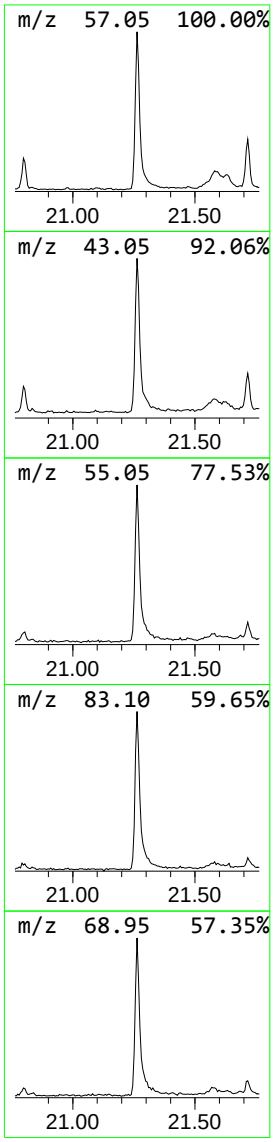
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.263	3.60 ng/ul	819223	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	1-Docosene	308	C22H44	001599-67-3	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.269	2.1	ng/ul	428167	4	17.387	4101870	20.0
Pentadecafluoro...	21.263	3.6	ng/ul	819223	5	21.569	4548600	20.0