LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033134.D
Acq On : 18 Nov 2021 00:00
Operator : CG/JU
Sample : M4677-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AB1

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\SFAM-EPA-BM111721.M
Title : SVOA CALIBRATION

Signal : TIC: BM033134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.425	11	15	20	rVB	18518	25729	1.09%	0.121%
2	3.849	84	87	98	rBV	87851	148051	6.26%	0.698%
3	4.072	119	125	131	rVB	8849	17801	0.75%	0.084%
4	4.160	135	140	145	rBV4	5192	10190	0.43%	0.048%
5	4.378	174	177	185	rBV7	6213	9766	0.41%	0.046%
6	4.690	226	230	233	rBV5	4995	7720	0.33%	0.036%
7	4.796	242	248	251	rVB8	2749	5120	0.22%	0.024%
8	5.102	295	300	302	rBV6	3189	4749	0.20%	0.022%
9	5.931	437	441	445	rVB6	1769	2413	0.10%	0.011%
10	5.984	445	450	452	rVV4	3201	4447	0.19%	0.021%
11	7.125	638	644	656	rVB	76946	137959	5.83%	0.651%
12	7.301	668	674	685	rBV	269493	444917	18.81%	2.098%
13	7.501	702	708	719	rVV	283465	449915	19.03%	2.122%
14	7.595	719	724	726	rVB6	2327	3479	0.15%	0.016%
15	7.972	780	788	795	rBV	289503	471728	19.95%	2.225%
16	8.031	795	798	804	rVB6	4116	7485	0.32%	0.035%
17	8.666	898	906	915	rBV2	211807	346194	14.64%	1.633%
18	9.131	978	985	993	rBV	357643	597899	25.28%	2.820%
19	9.201	995	997	1001	rVB5	2359	2712	0.11%	0.013%
20	9.537	1047	1054	1063	rVB5	8135	16559	0.70%	0.078%
21	9.848	1100	1107	1116	rBV	242691	417866	17.67%	1.971%
22	10.295	1181	1183	1188	rVB5	1559	2375	0.10%	0.011%
23	10.384	1191	1198	1207	rBV	387982	654746	27.69%	3.088%
24	10.548	1221	1226	1234	rBV2	32654	57391	2.43%	0.271%
25	10.772	1256	1264	1272	rBV	373193	637935	26.98%	3.009%
26	10.901	1279	1286	1296	rBV	366412	642285	27.16%	3.029%
27	11.319	1355	1357	1360	rVB3	2370	2378	0.10%	0.011%
28	12.007	1470	1474	1475	rBV4	2036	2630	0.11%	0.012%
29	12.348	1527	1532	1537	rVB	8413	13973	0.59%	0.066%
30	12.960	1633	1636	1639	rVB5	4050	4905	0.21%	0.023%
31	13.207	1672	1678	1686	rVB7	4309	9043	0.38%	0.043%
32	13.413	1710	1713	1720	rVB6	4207	6265	0.26%	0.030%
33	13.483	1720	1725	1731	rBV5	4074	7042	0.30%	0.033%
34	13.554	1731	1737	1742	rBV8	4441	8637	0.37%	0.041%
35	13.860	1786	1789	1792	rBV4	1783	2396	0.10%	0.011%
36	13.995	1806	1812	1819	rBV	800846	1155597	48.87%	5.450%

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Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Title : SVOA CALIBRATION

37	14.230	1848	1852	1854	rBV5	4287	5948	0.25%	0.028%
38	14.283	1854	1861	1869	rVB	832333	1246639	52.72%	5.880%
39	14.483	1891	1895	1899	rVB5	4451	6024	0.25%	0.028%
40	14.548	1902	1906	1907	rVV3	4510	5399	0.23%	0.025%
41	14.589	1907	1913	1922	rVB	560622	844519	35.71%	3.983%
42	14.766	1936	1943	1959	rBV	65926	115022	4.86%	0.542%
43	14.995	1979	1982	1985	rBV5	3116	4021	0.17%	0.019%
44	15.389	2042	2049	2052	rBV7	2877	7278	0.31%	0.034%
45	15.418	2052	2054	2060	rVB5	2979	4932	0.21%	0.023%
46	15.577	2075	2081	2088	rBV	1137570	1649606	69.76%	7.780%
47	15.683	2092	2099	2111	rBV	320934	464035	19.62%	2.189%
48	15.818	2117	2122	2126	rBV8	5855	10335	0.44%	0.049%
49	15.983	2147	2150	2154	rBV4	2722	3614	0.15%	0.017%
50	16.030	2155	2158	2161	rVB5	2877	3542	0.15%	0.017%
51	16.071	2162	2165	2167	rBV4	2178	2511	0.11%	0.012%
52	16.148	2176	2178	2181	rVB4	2612	2424	0.10%	0.011%
53	16.289	2198	2202	2204	rBV5	4334	4354	0.18%	0.021%
54	16.454	2227	2230	2231	rBV3	3491	3878	0.16%	0.018%
55	16.589	2249	2253	2254	rBV4	3276	4061	0.17%	0.019%
56	17.077	2333	2336	2338	rBV3	2849	3463	0.15%	0.016%
57	17.130	2342	2345	2348	rVB6	3594	5396	0.23%	0.025%
58	17.324	2371	2378	2386	rBV	685923	976819	41.31%	4.607%
59	17.424	2389	2395	2404	rBV	1331615	1879802	79.49%	8.866%
60	17.512	2408	2410	2412	rVB3	3516	2736	0.12%	0.013%
61	17.683	2437	2439	2440	rBV2	3051	2634	0.11%	0.012%
62	17.989	2487	2491	2496	rVB3	21492	26404	1.12%	0.125%
63	18.048	2499	2501	2503	rBV3	2512	2588	0.11%	0.012%
64	18.107	2509	2511	2515	rBV5	2821	3328	0.14%	0.016%
65	18.207	2523	2528	2534	rBV2	102426	158214	6.69%	0.746%
66	18.289	2538	2542	2548	rVB3	40353	60817	2.57%	0.287%
67	18.748	2618	2620	2621	rBV2	4627	4194	0.18%	0.020%
68	18.912	2646	2648	2649	rBV2	5081	4207	0.18%	0.020%
69	19.106	2676	2681	2684	rBV5	11444	19037	0.81%	0.090%
70	19.271	2706	2709	2716	rVB7	15888	24293	1.03%	0.115%
71	19.336	2716	2720	2725	rBV2	25776	42900	1.81%	0.202%
72	19.477	2740	2744	2750	rBV3	69743	102725	4.34%	0.484%
73	19.701	2776	2782	2794	rBV	1674747	2286230	96.68%	10.783%
74	21.183	3030	3034	3042	rBV3	238934	350676	14.83%	1.654%
75	21.477	3079	3084	3089	rBV	804100	1086877	45.96%	5.126%
76	23.671	3451	3457	3469	rVB	1129977	2364806	100.00%	11.153%

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77	23.824	3477	3483	3490	rVB2	531844	1066079	45.08%	5.028%

Sum of corrected areas: 21202664

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Instrument :
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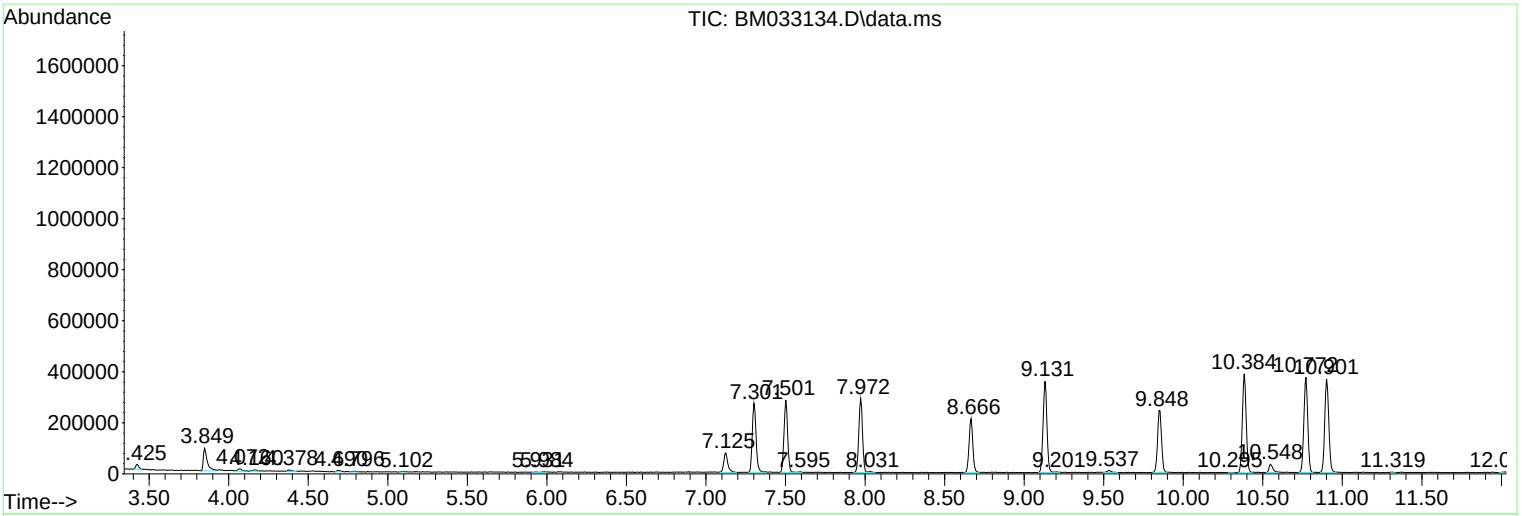
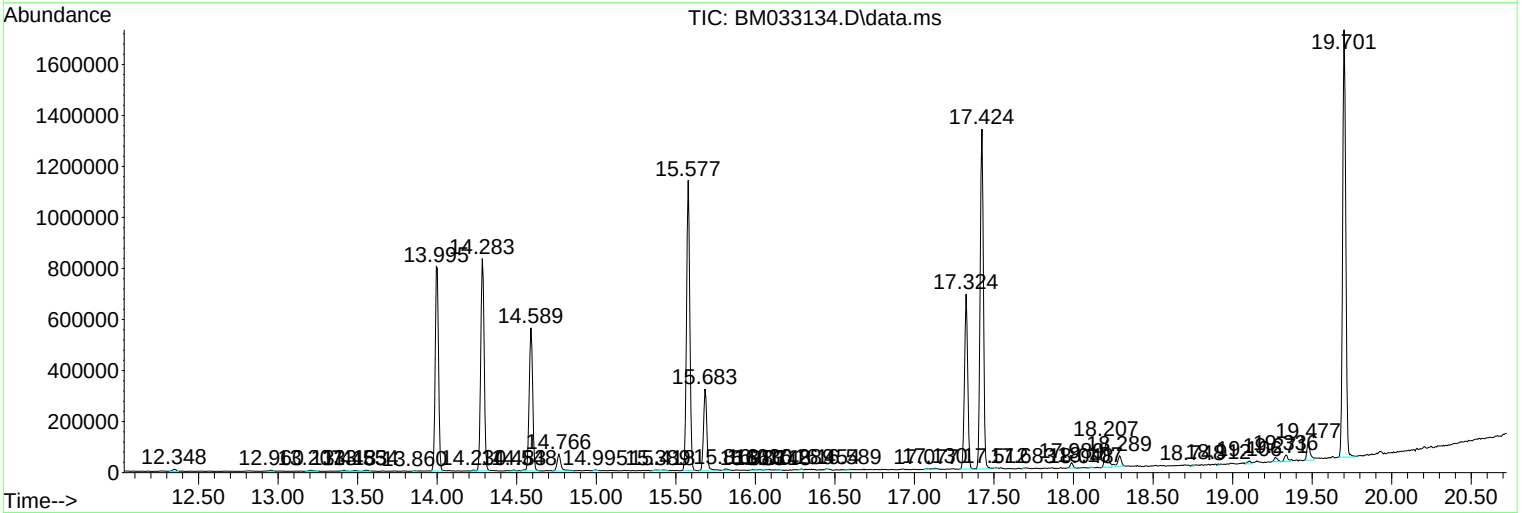
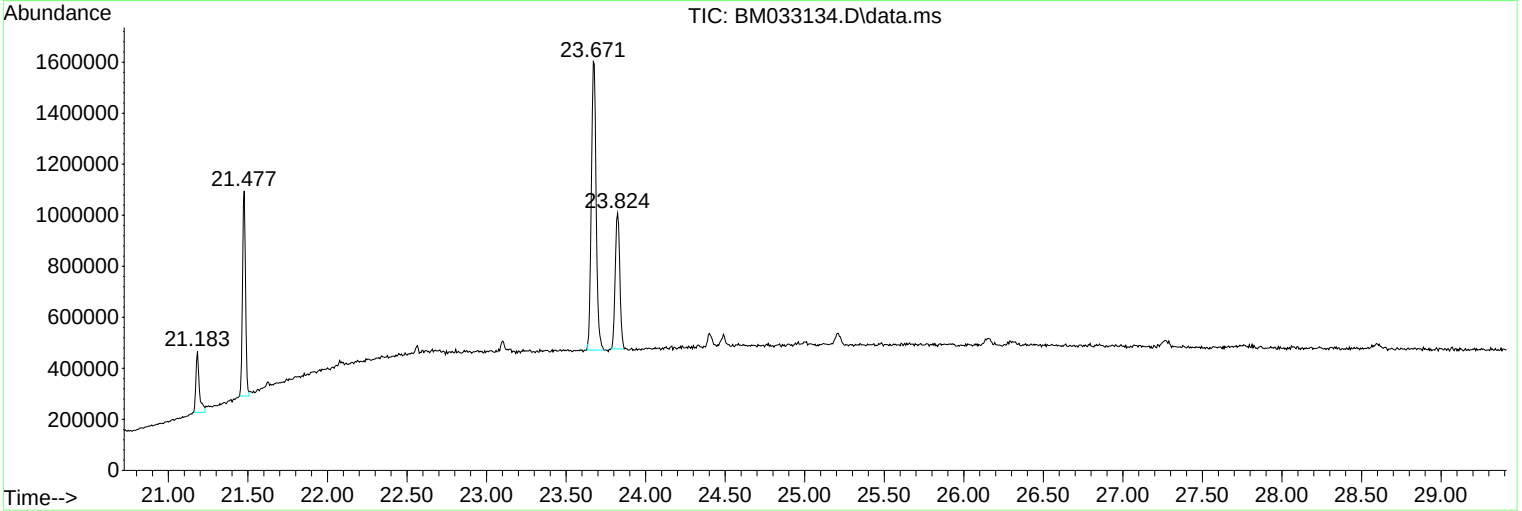
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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







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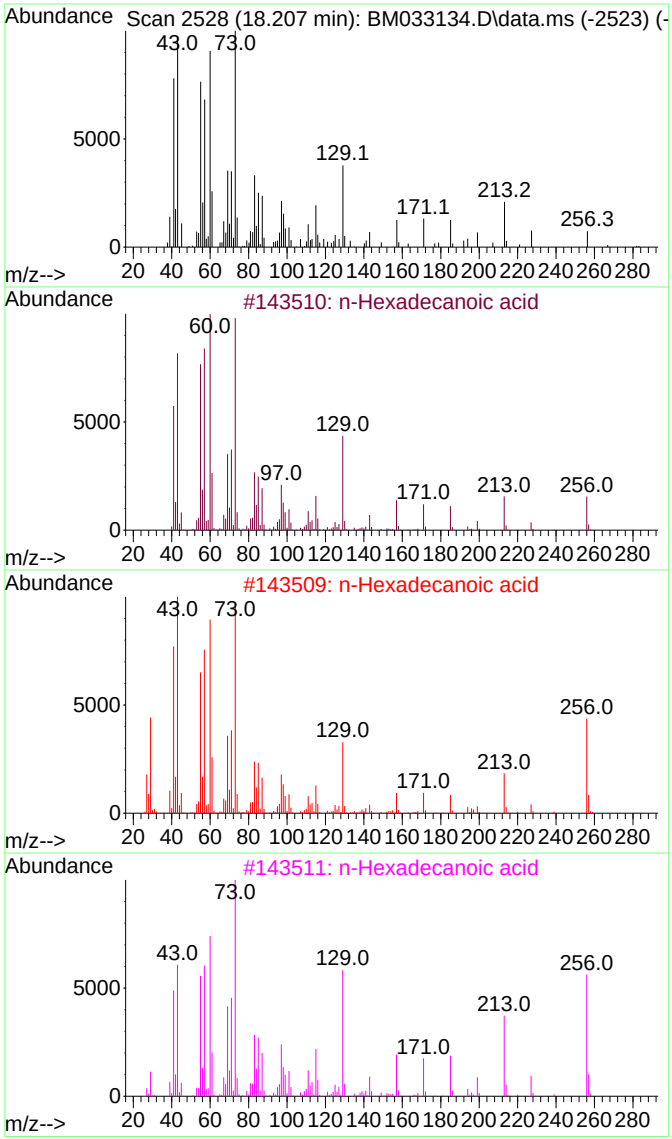
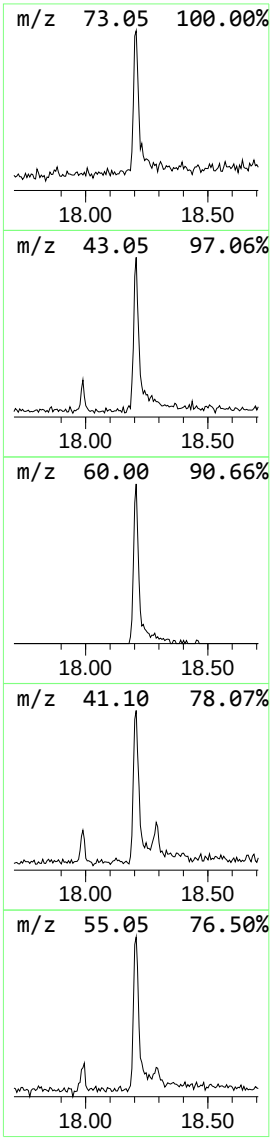
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	3.24 ng/ul	158214	Phenanthrene-d10	17.324

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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

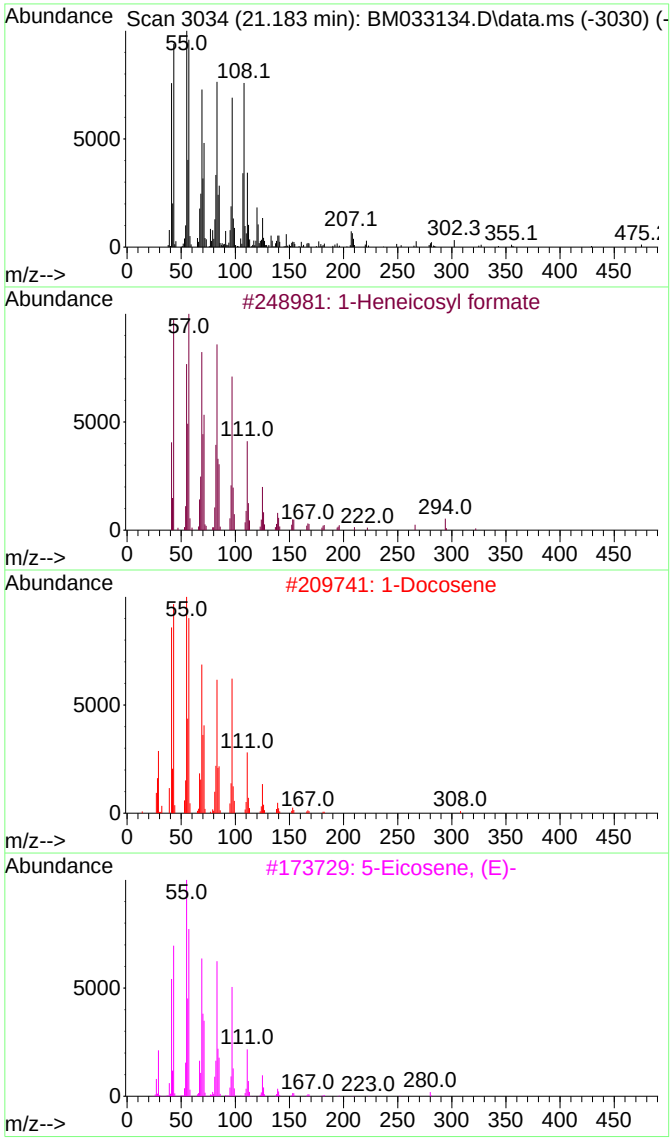
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

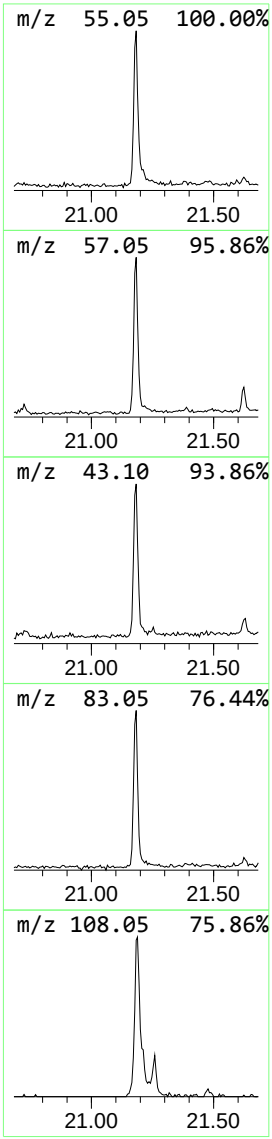
****

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.183	6.45 ng/ul	350676	Chrysene-d12	21.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.206	3.2	ng/ul	158214	4	17.324	976819	20.0
1-Heneicosyl fo...	21.183	6.5	ng/ul	350676	5	21.477	1086880	20.0