

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121221AL\
 Data File : FC057457.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2021 13:48
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 14:14:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.558	2380709	23.593 ug/ml
Spiked Amount 50.000		Recovery =	47.19%
12) S 1-chlorooctadecane (S...	12.986	1637352	21.563 ug/ml
Spiked Amount 50.000		Recovery =	43.13%
Target Compounds			
1) T n-Nonane (C9)	3.332	2277421	24.209 ug/ml
2) T n-Decane (C10)	4.394	2303107	24.606 ug/ml
3) T A~Naphthalene (C11.7)	5.985	2434369	24.771 ug/ml
4) T n-Dodecane (C12)	6.407	2331194	24.401 ug/ml
5) T A~2-methylnaphthalene...	7.041	2374126	24.265 ug/ml
6) T n-Tetradecane (C14)	8.199	2366678	24.637 ug/ml
7) T n-Hexadecane (C16)	9.796	2394749	24.707 ug/ml
8) T n-Octadecane (C18)	11.235	2476804	25.144 ug/ml
10) T n-Eicosane (C20)	12.540	2344781	24.364 ug/ml
11) T n-Heneicosane (C21)	13.151	2294540	23.992 ug/ml
13) T n-Docosane (C22)	13.735	2230232	23.926 ug/ml
14) T n-Tetracosane (C24)	14.834	2175413	23.690 ug/ml
15) T n-Hexacosane (C26)	15.852	2066913	23.910 ug/ml
16) T n-Octacosane (C28)	16.799	2498240	29.298 ug/ml
17) T n-Tricontane (C30)	17.684	3550788	42.476 ug/ml
18) T n-Dotriacontane (C32)	18.514	3524051	43.087 ug/ml
19) T n-Tetratriacontane (C34)	19.294	2606094	31.757 ug/ml
20) T n-Hexatriacontane (C36)	20.031	1889725	23.693 ug/ml
21) T n-Octatriacontane (C38)	20.758	830222	10.934 ug/ml
22) T n-Tetracontane (C40)	21.658	149339	1.998 ug/mlm

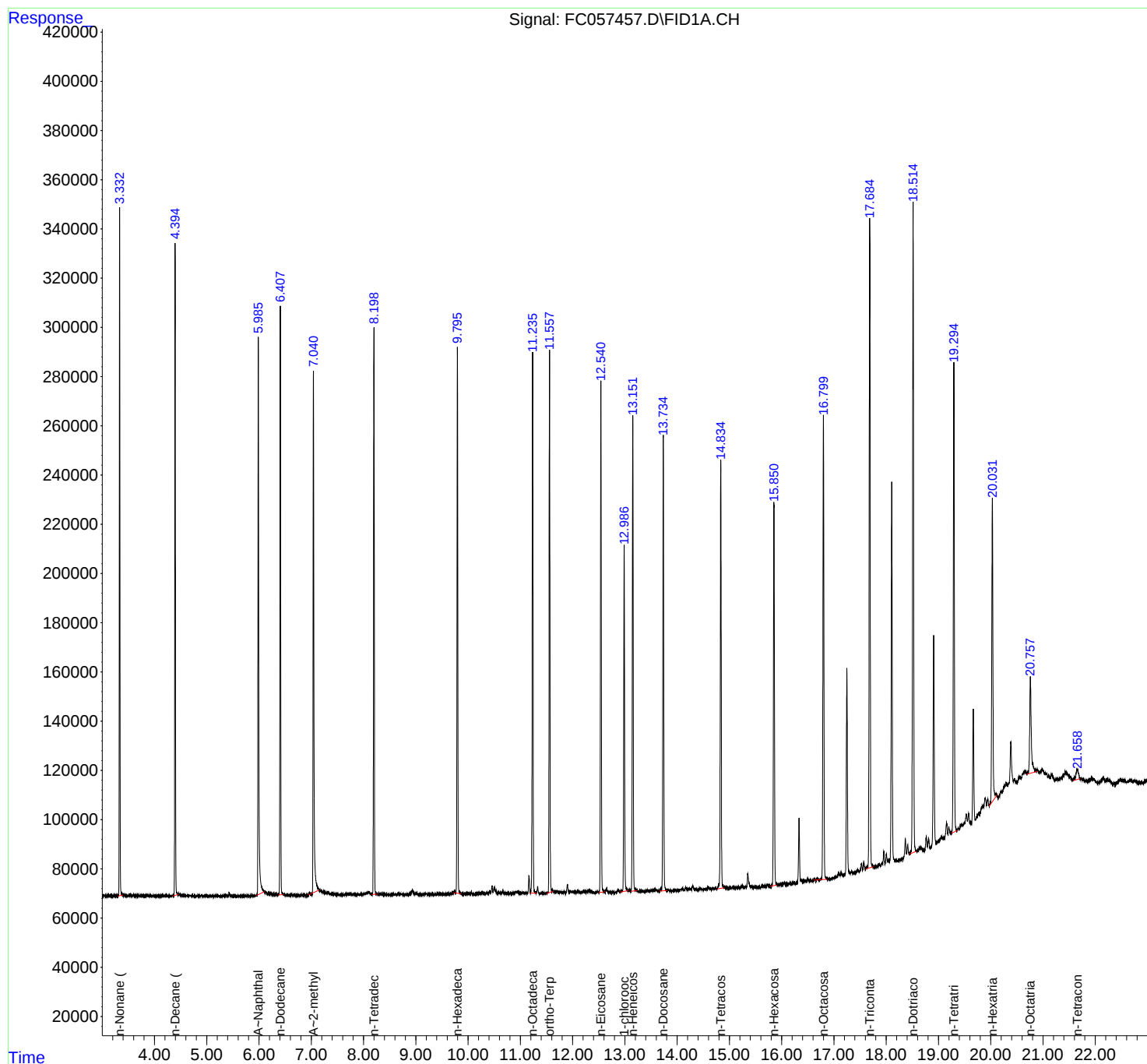
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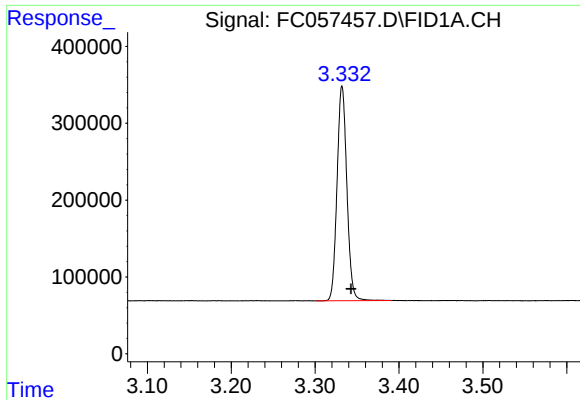
(m)=manual int.

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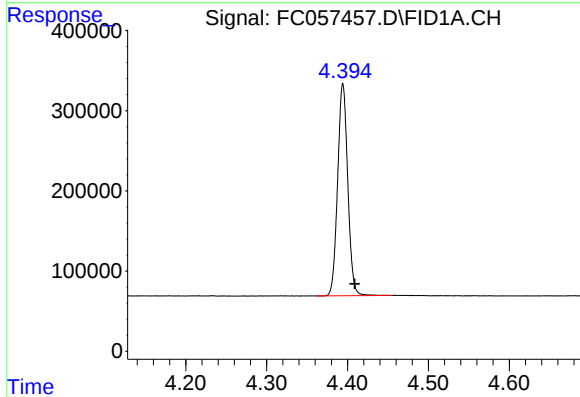
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Signal Info : 20M x 0.18mm x 0.18um





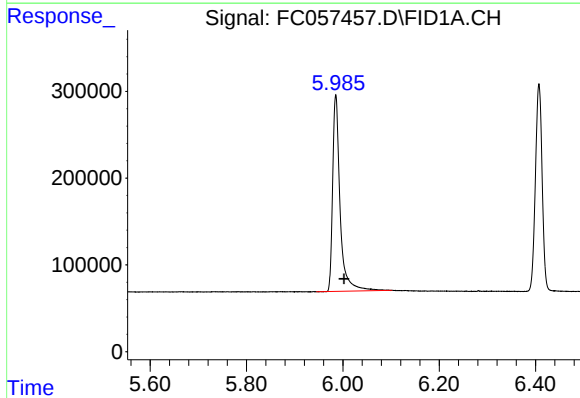
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.011 min
Response: 2277421
Conc: 24.21 ug/ml



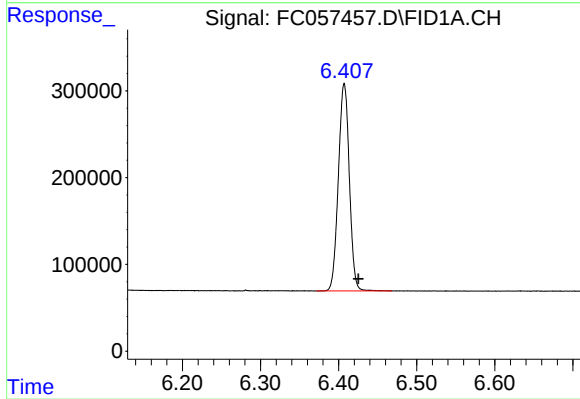
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.015 min
Response: 2303107
Conc: 24.61 ug/ml



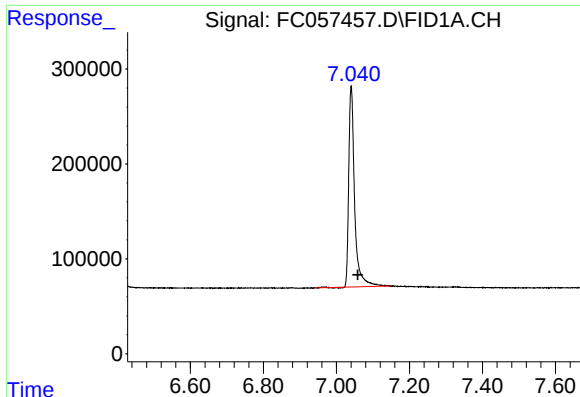
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.017 min
Response: 2434369
Conc: 24.77 ug/ml



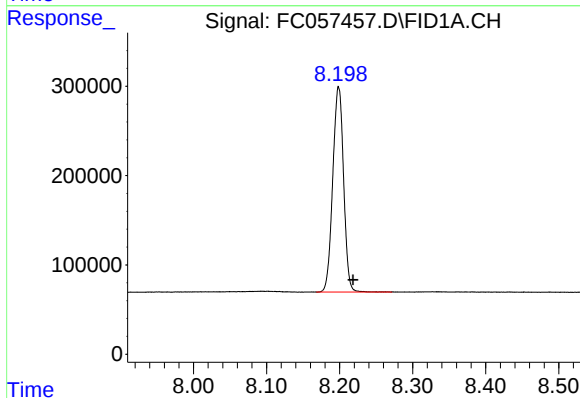
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: -0.018 min
Response: 2331194
Conc: 24.40 ug/ml



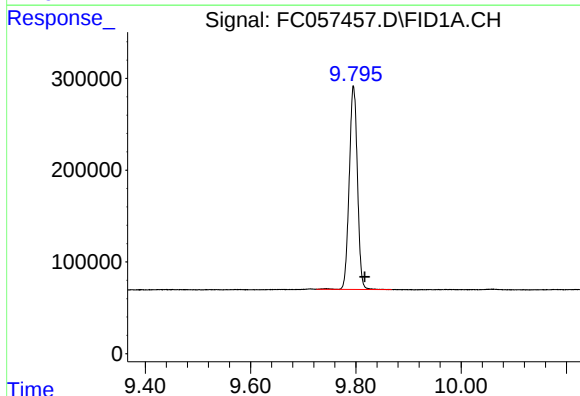
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.018 min
Response: 2374126
Conc: 24.26 ug/ml



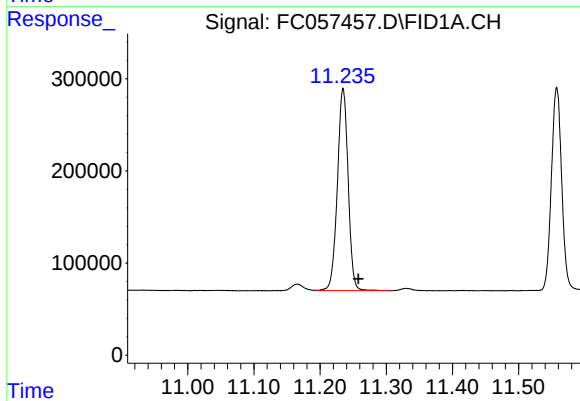
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.020 min
Response: 2366678
Conc: 24.64 ug/ml



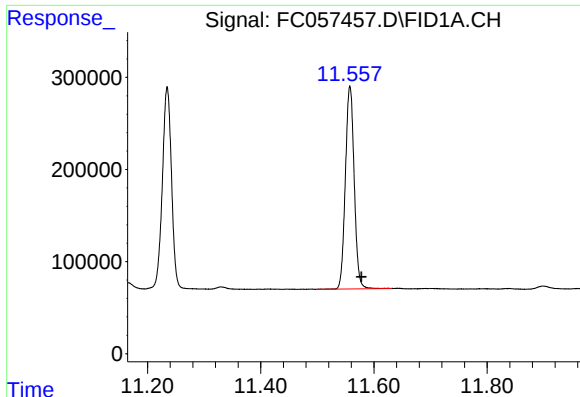
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: -0.021 min
Response: 2394749
Conc: 24.71 ug/ml



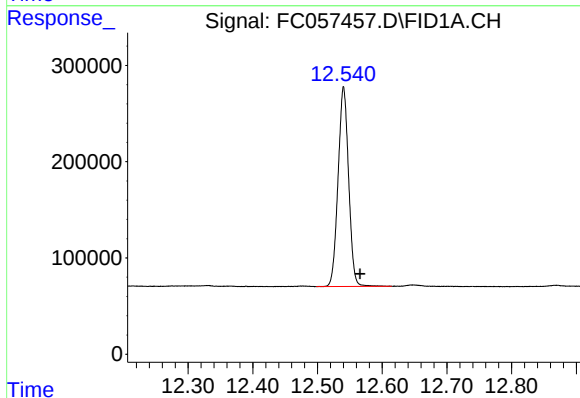
#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: -0.023 min
Response: 2476804
Conc: 25.14 ug/ml



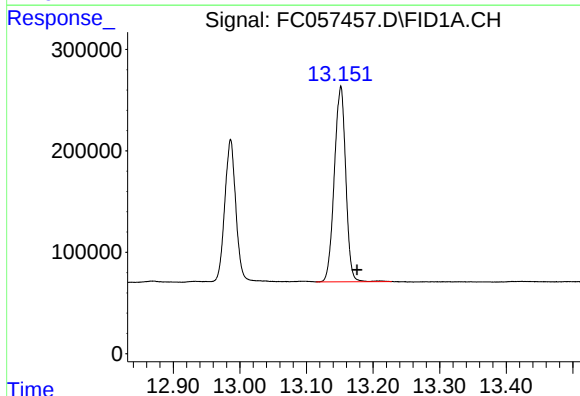
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.021 min
Response: 2380709
Conc: 23.59 ug/ml



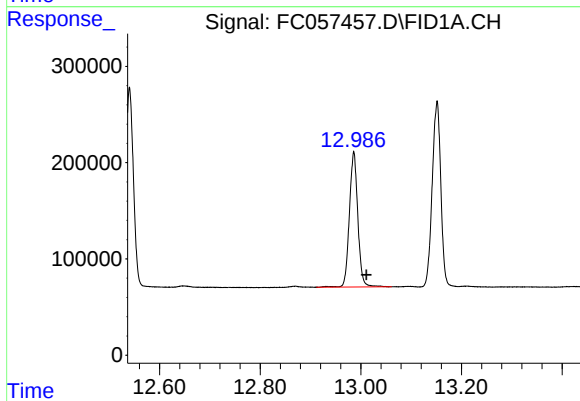
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: -0.025 min
Response: 2344781
Conc: 24.36 ug/ml



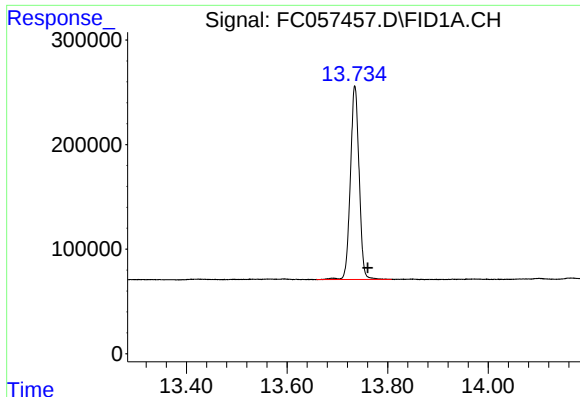
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: -0.025 min
Response: 2294540
Conc: 23.99 ug/ml



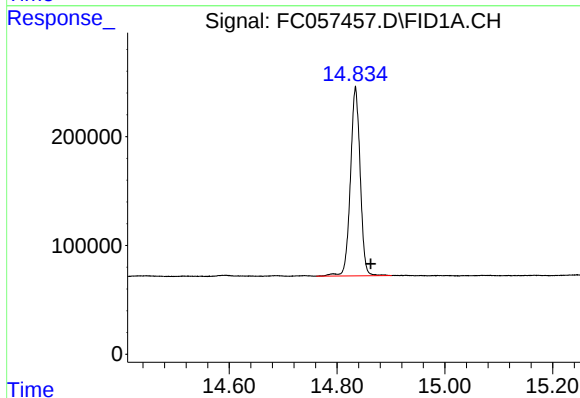
#12 1-chlorooctadecane (SURR)

R.T.: 12.986 min
Delta R.T.: -0.025 min
Response: 1637352
Conc: 21.56 ug/ml



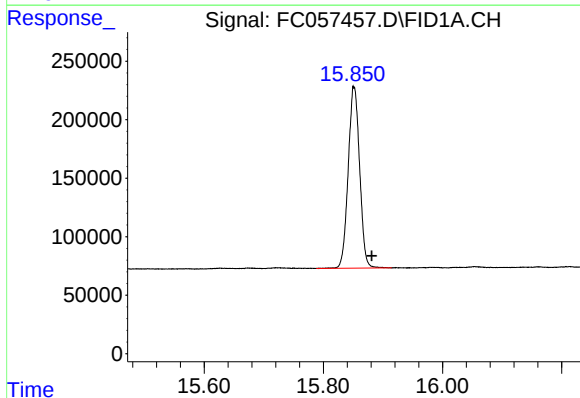
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: -0.026 min
Response: 2230232
Conc: 23.93 ug/ml



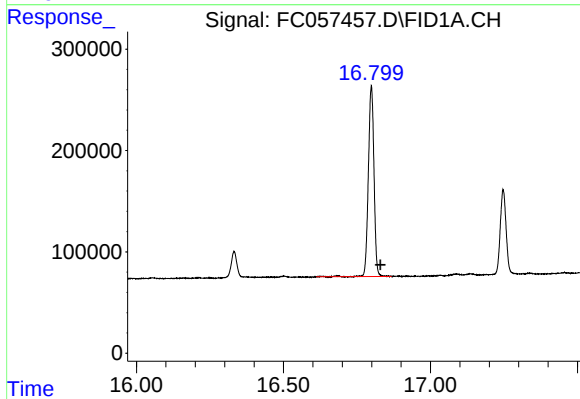
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.028 min
Response: 2175413
Conc: 23.69 ug/ml



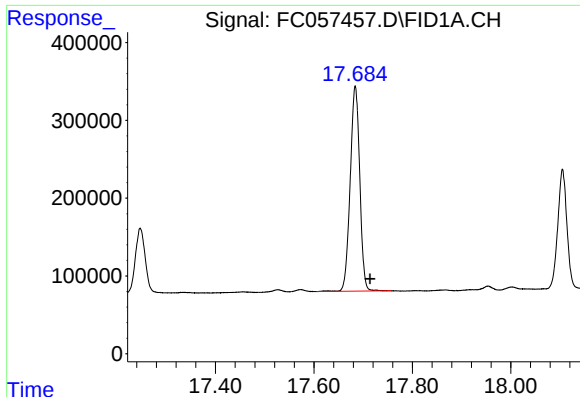
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.029 min
Response: 2066913
Conc: 23.91 ug/ml



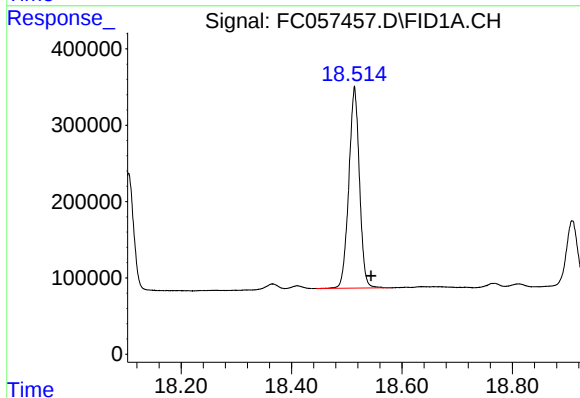
#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.031 min
Response: 2498240
Conc: 29.30 ug/ml



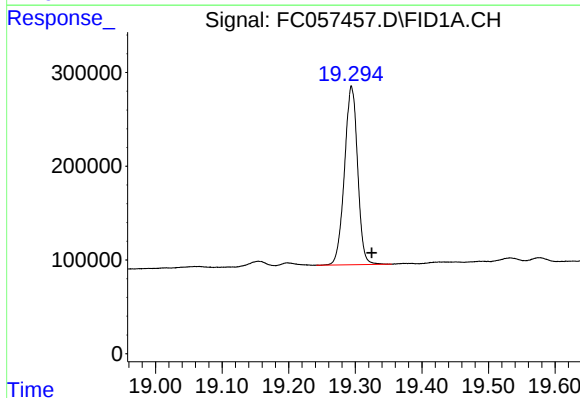
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.030 min
Response: 3550788
Conc: 42.48 ug/ml



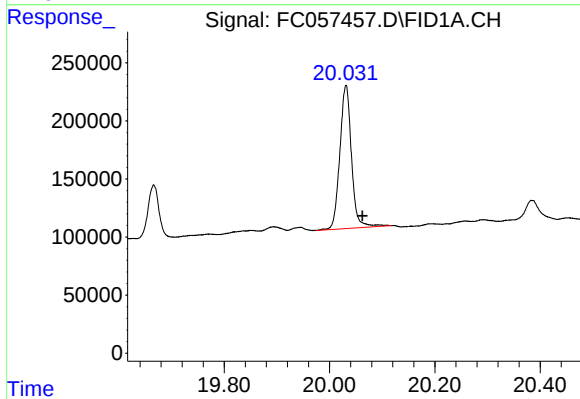
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.030 min
Response: 3524051
Conc: 43.09 ug/ml



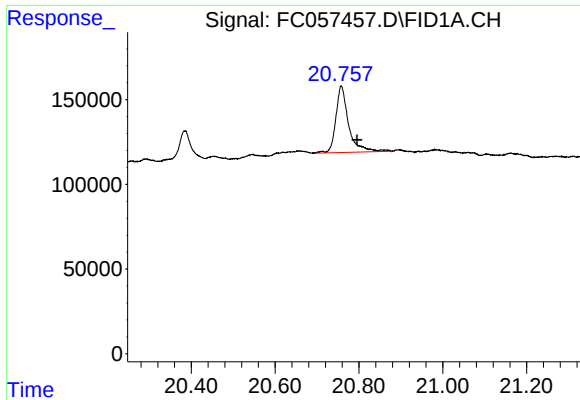
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: -0.030 min
Response: 2606094
Conc: 31.76 ug/ml



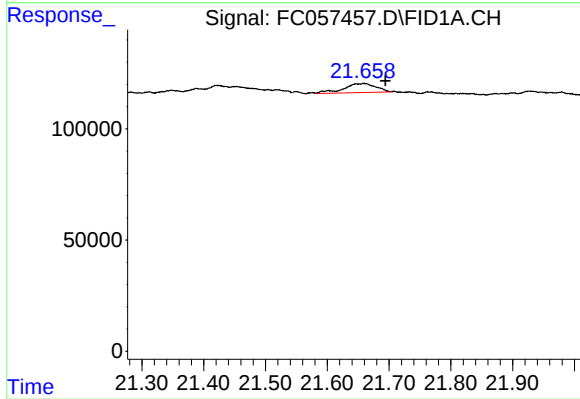
#20 n-Hexatriacontane (C36)

R.T.: 20.031 min
Delta R.T.: -0.031 min
Response: 1889725
Conc: 23.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: -0.037 min
Response: 830222
Conc: 10.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: -0.036 min
Response: 149339
Conc: 2.00 ug/ml m