

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122021AL\
 Data File : FC057632.D
 Signal(s) : FID1A.CH
 Acq On : 20 Dec 2021 21:51
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 01:16:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.799	3070390	22.064 ug/ml
Spiked Amount 50.000		Recovery =	44.13%
12) S 1-chlorooctadecane (S...	12.238	2360630	21.317 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
Target Compounds			
1) T n-Nonane (C9)	2.670	2848359	23.055 ug/mlm
2) T n-Decane (C10)	3.673	2943625	23.633 ug/ml
3) T A~Naphthalene (C11.7)	5.227	3294861	23.750 ug/ml
4) T n-Dodecane (C12)	5.660	2959343	23.963 ug/ml
5) T A~2-methylnaphthalene...	6.275	3339762	23.882 ug/ml
6) T n-Tetradecane (C14)	7.449	2954447	23.859 ug/ml
7) T n-Hexadecane (C16)	9.048	2921147	23.297 ug/ml
8) T n-Octadecane (C18)	10.488	2935256	22.677 ug/ml
10) T n-Eicosane (C20)	11.796	2831580	21.796 ug/ml
11) T n-Heneicosane (C21)	12.408	2802891	21.357 ug/ml
13) T n-Docosane (C22)	12.993	2747760	20.905 ug/ml
14) T n-Tetracosane (C24)	14.096	2676278	20.122 ug/mlm
15) T n-Hexacosane (C26)	15.117	2575193	19.639 ug/mlm
16) T n-Octacosane (C28)	16.066	2583952	19.649 ug/ml
17) T n-Tricontane (C30)	16.953	2573005	18.827 ug/ml
18) T n-Dotriacontane (C32)	17.784	2529210	18.864 ug/mlm
19) T n-Tetratriacontane (C34)	18.569	2521614	19.338 ug/mlm
20) T n-Hexatriacontane (C36)	19.309	2558274	21.545 ug/mlm
21) T n-Octatriacontane (C38)	20.031	2384882	21.714 ug/mlm
22) T n-Tetracontane (C40)	20.904	2443093	24.469 ug/mlm

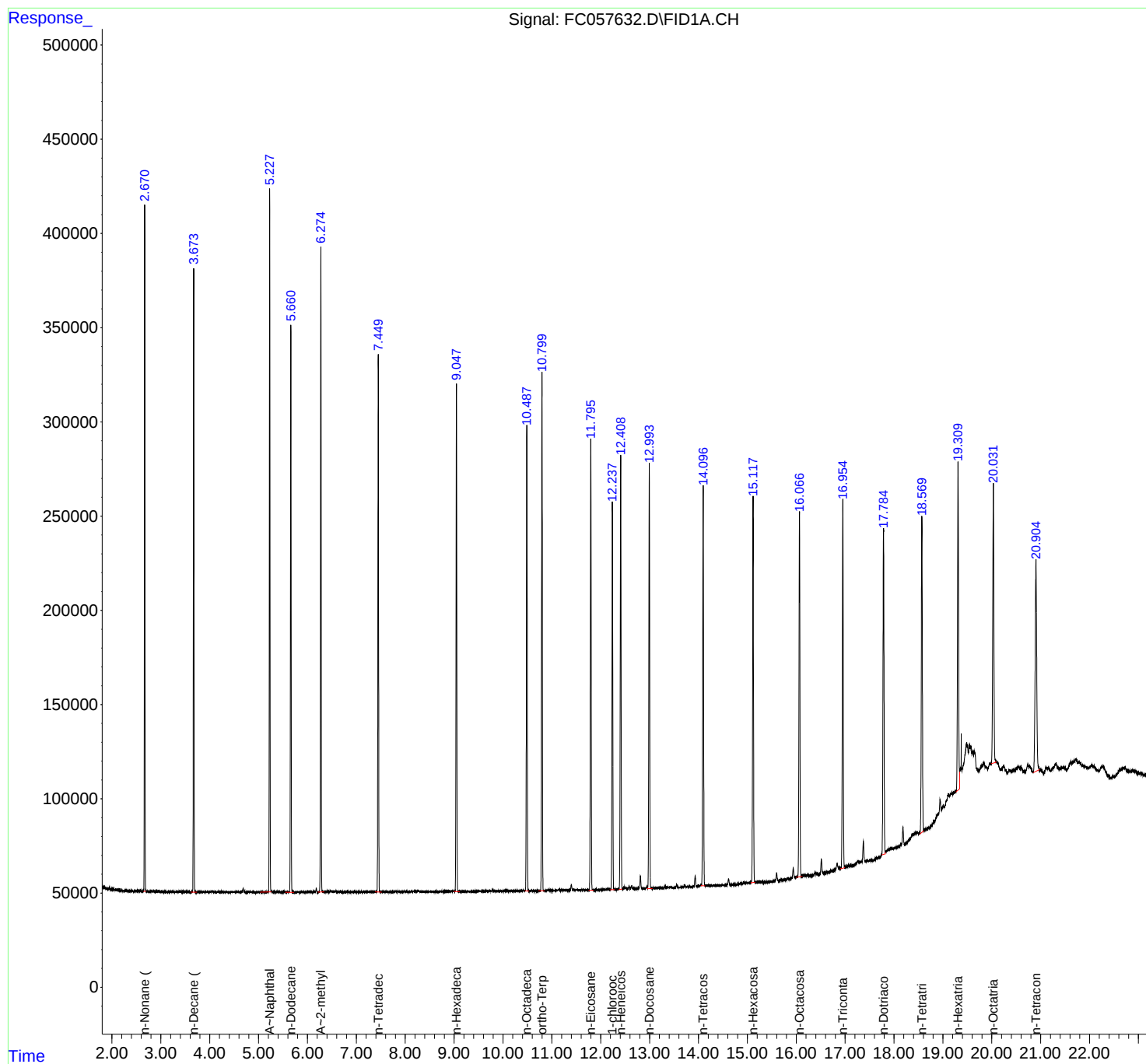
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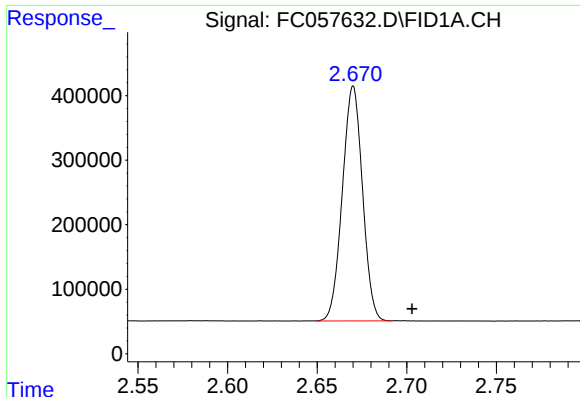
(m)=manual int.

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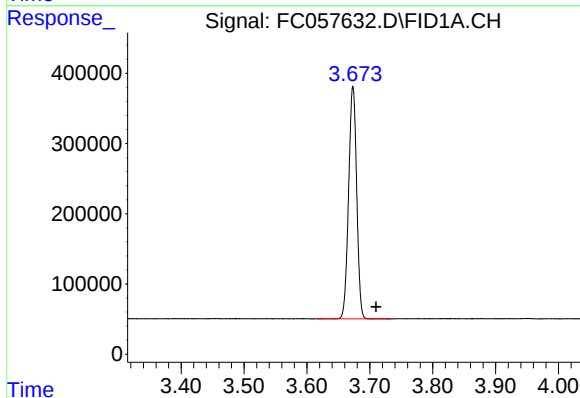
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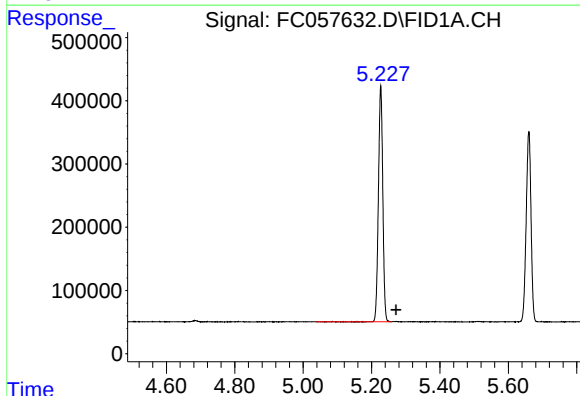
#1 n-Nonane (C9)

R.T.: 2.670 min
Delta R.T.: -0.033 min
Response: 2848359
Conc: 23.05 ug/ml m



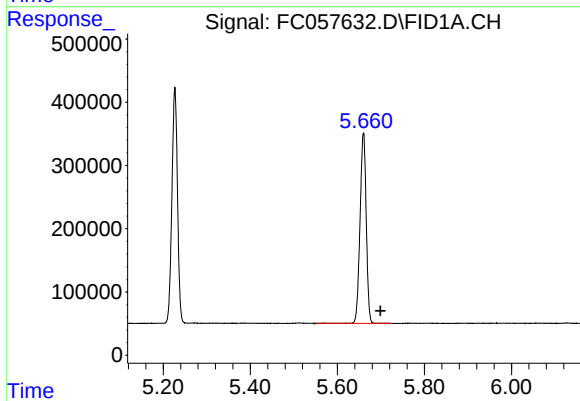
#2 n-Decane (C10)

R.T.: 3.673 min
Delta R.T.: -0.037 min
Response: 2943625
Conc: 23.63 ug/ml



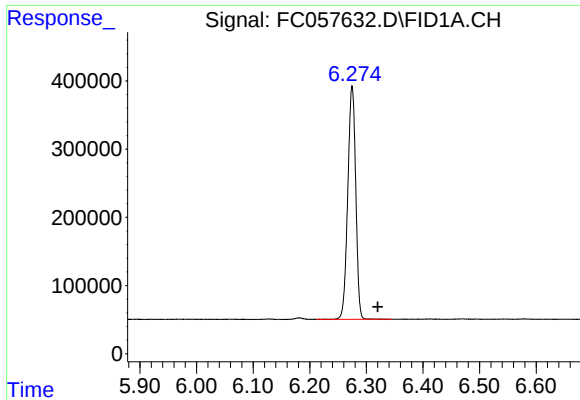
#3 A~Naphthalene (C11.7)

R.T.: 5.227 min
Delta R.T.: -0.045 min
Response: 3294861
Conc: 23.75 ug/ml



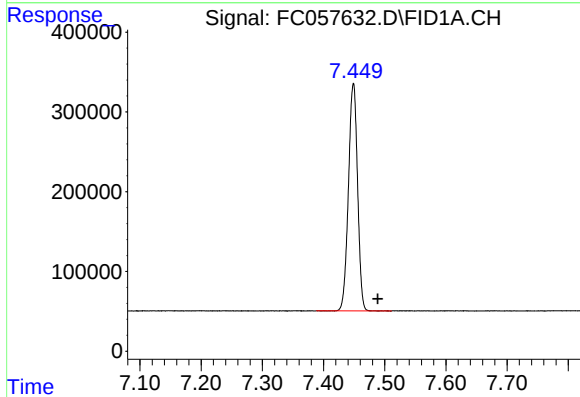
#4 n-Dodecane (C12)

R.T.: 5.660 min
Delta R.T.: -0.039 min
Response: 2959343
Conc: 23.96 ug/ml



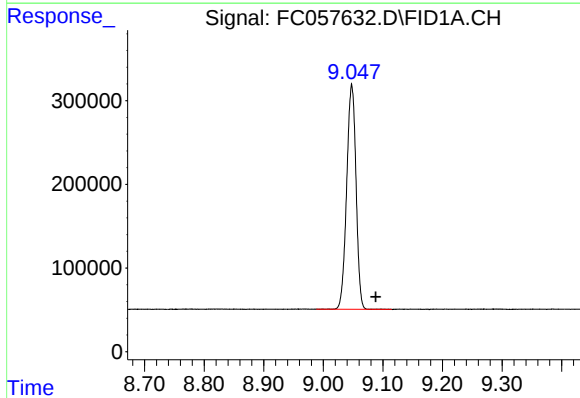
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.275 min
Delta R.T.: -0.045 min
Response: 3339762
Conc: 23.88 ug/ml



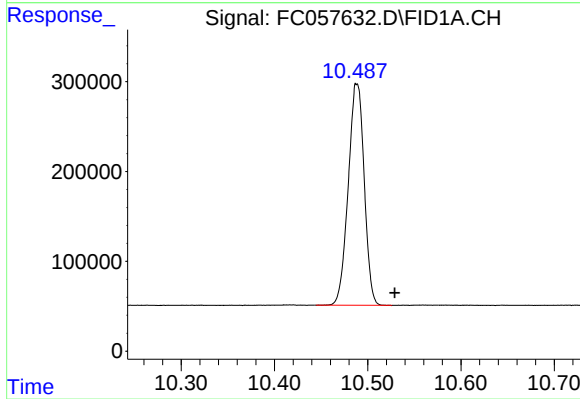
#6 n-Tetradecane (C14)

R.T.: 7.449 min
Delta R.T.: -0.040 min
Response: 2954447
Conc: 23.86 ug/ml



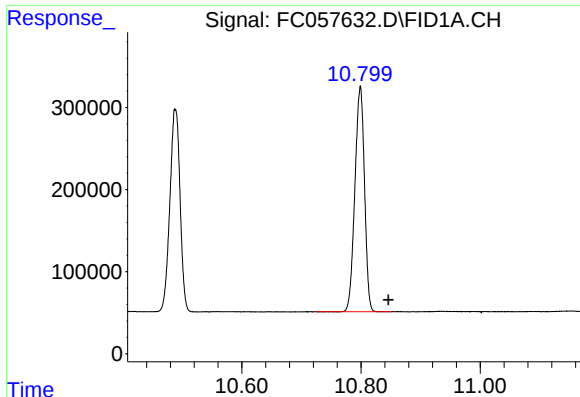
#7 n-Hexadecane (C16)

R.T.: 9.048 min
Delta R.T.: -0.040 min
Response: 2921147
Conc: 23.30 ug/ml



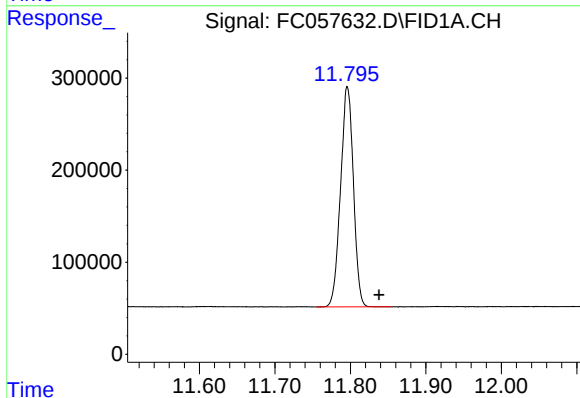
#8 n-Octadecane (C18)

R.T.: 10.488 min
Delta R.T.: -0.041 min
Response: 2935256
Conc: 22.68 ug/ml



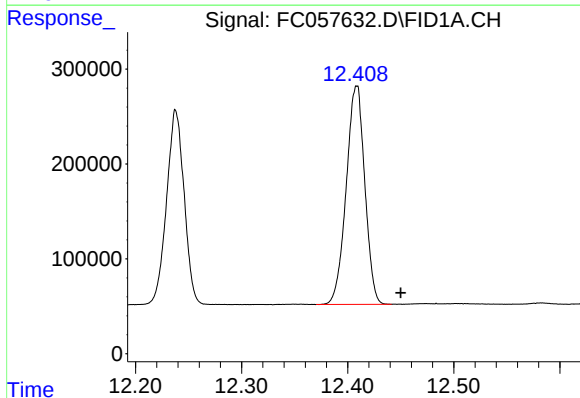
#9 ortho-Terphenyl (SURR)

R.T.: 10.799 min
Delta R.T.: -0.047 min
Response: 3070390
Conc: 22.06 ug/ml



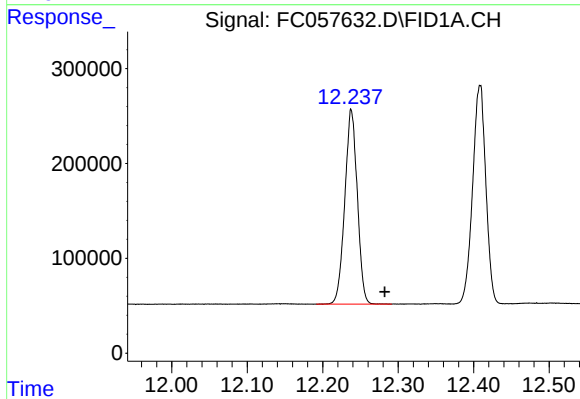
#10 n-Eicosane (C20)

R.T.: 11.796 min
Delta R.T.: -0.042 min
Response: 2831580
Conc: 21.80 ug/ml



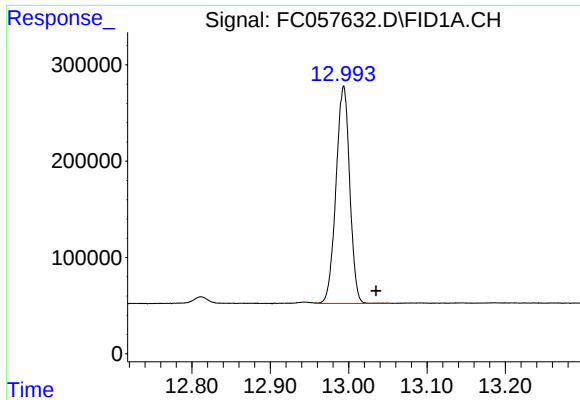
#11 n-Heneicosane (C21)

R.T.: 12.408 min
Delta R.T.: -0.042 min
Response: 2802891
Conc: 21.36 ug/ml



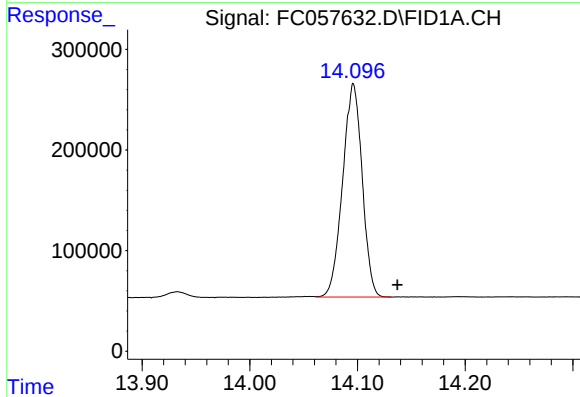
#12 1-chlorooctadecane (SURR)

R.T.: 12.238 min
Delta R.T.: -0.044 min
Response: 2360630
Conc: 21.32 ug/ml



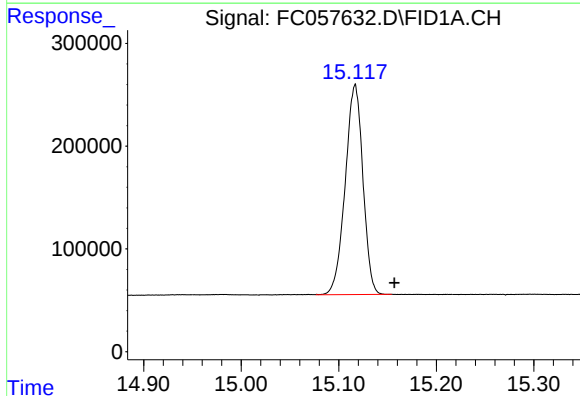
#13 n-Docosane (C22)

R.T.: 12.993 min
Delta R.T.: -0.042 min
Response: 2747760
Conc: 20.91 ug/ml



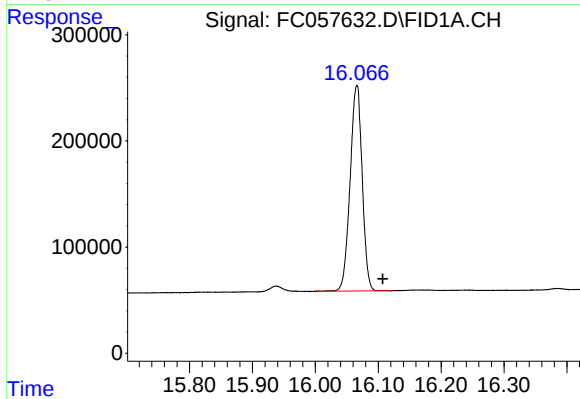
#14 n-Tetracosane (C24)

R.T.: 14.096 min
Delta R.T.: -0.041 min
Response: 2676278
Conc: 20.12 ug/ml m



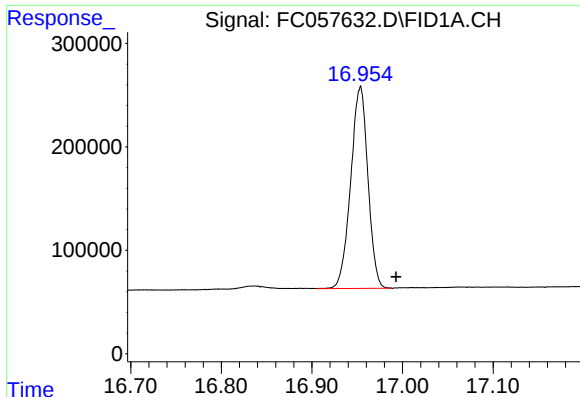
#15 n-Hexacosane (C26)

R.T.: 15.117 min
Delta R.T.: -0.040 min
Response: 2575193
Conc: 19.64 ug/ml m



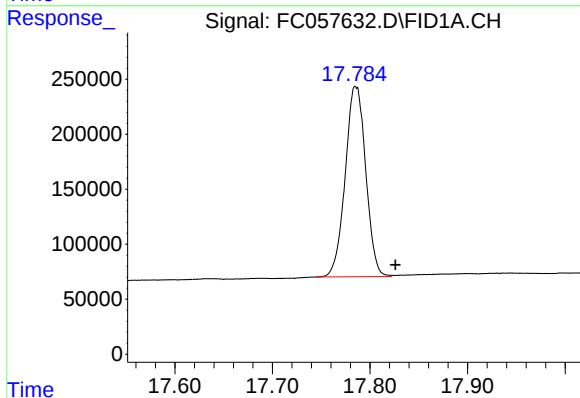
#16 n-Octacosane (C28)

R.T.: 16.066 min
Delta R.T.: -0.041 min
Response: 2583952
Conc: 19.65 ug/ml



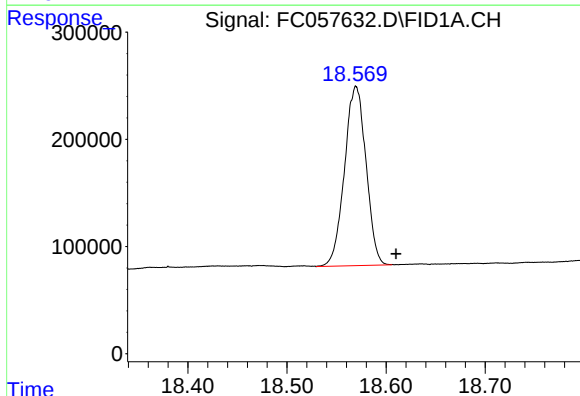
#17 n-Tricontane (C30)

R.T.: 16.953 min
Delta R.T.: -0.040 min
Response: 2573005
Conc: 18.83 ug/ml



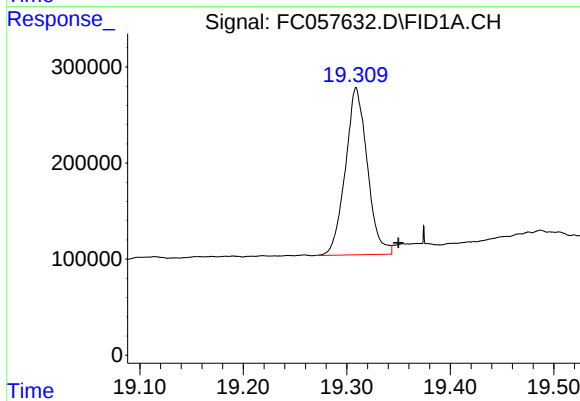
#18 n-Dotriacontane (C32)

R.T.: 17.784 min
Delta R.T.: -0.042 min
Response: 2529210
Conc: 18.86 ug/ml m



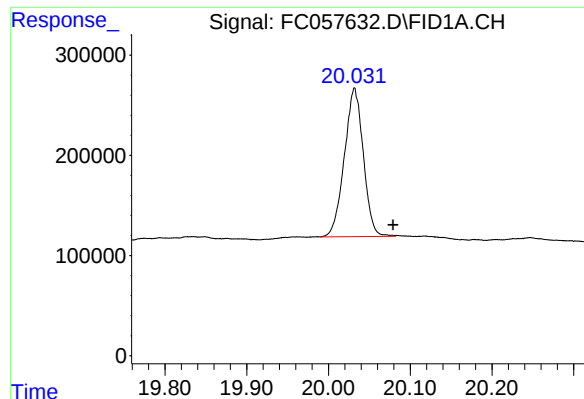
#19 n-Tetratriacontane (C34)

R.T.: 18.569 min
Delta R.T.: -0.041 min
Response: 2521614
Conc: 19.34 ug/ml m



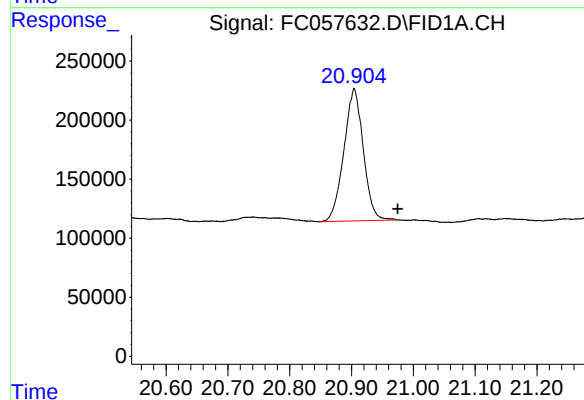
#20 n-Hexatriacontane (C36)

R.T.: 19.309 min
Delta R.T.: -0.041 min
Response: 2558274
Conc: 21.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.031 min
Delta R.T.: -0.048 min
Response: 2384882
Conc: 21.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.904 min
Delta R.T.: -0.071 min
Response: 2443093
Conc: 24.47 ug/ml m