

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121021AL\
 Data File : FC057379.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2021 5:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 11 05:38:27 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)	11.578	2199185	21.794 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
12) S 1-chlorooctadecane (S...	13.009	1676607	22.080 ug/ml
Spiked Amount 50.000		Recovery =	44.16%
Target Compounds			
1) T n-Nonane (C9)	3.341	2026584	21.542 ug/ml
2) T n-Decane (C10)	4.407	2064893	22.061 ug/ml
3) T A~Naphthalene (C11.7)	5.999	2187531	22.260 ug/ml
4) T n-Dodecane (C12)	6.424	2065065	21.615 ug/ml
5) T A~2-methylnaphthalene...	7.055	2182075	22.302 ug/ml
6) T n-Tetradecane (C14)	8.217	2084766	21.702 ug/ml
7) T n-Hexadecane (C16)	9.816	2085452	21.516 ug/mlm
8) T n-Octadecane (C18)	11.256	2122141	21.543 ug/ml
10) T n-Eicosane (C20)	12.562	2061011	21.416 ug/mlm
11) T n-Heneicosane (C21)	13.174	2056984	21.508 ug/ml
13) T n-Docosane (C22)	13.759	2026343	21.739 ug/mlm
14) T n-Tetracosane (C24)	14.860	1976871	21.528 ug/ml
15) T n-Hexacosane (C26)	15.879	1902958	22.014 ug/ml
16) T n-Octacosane (C28)	16.827	1856367	21.770 ug/ml
17) T n-Tricontane (C30)	17.713	1820582	21.778 ug/ml
18) T n-Dotriacontane (C32)	18.541	1773460	21.683 ug/mlm
19) T n-Tetratriacontane (C34)	19.325	1819938	22.177 ug/mlm
20) T n-Hexatriacontane (C36)	20.062	1766417	22.147 ug/ml
21) T n-Octatriacontane (C38)	20.795	1802661	23.741 ug/mlm
22) T n-Tetracontane (C40)	21.696	1829769	24.479 ug/mlm

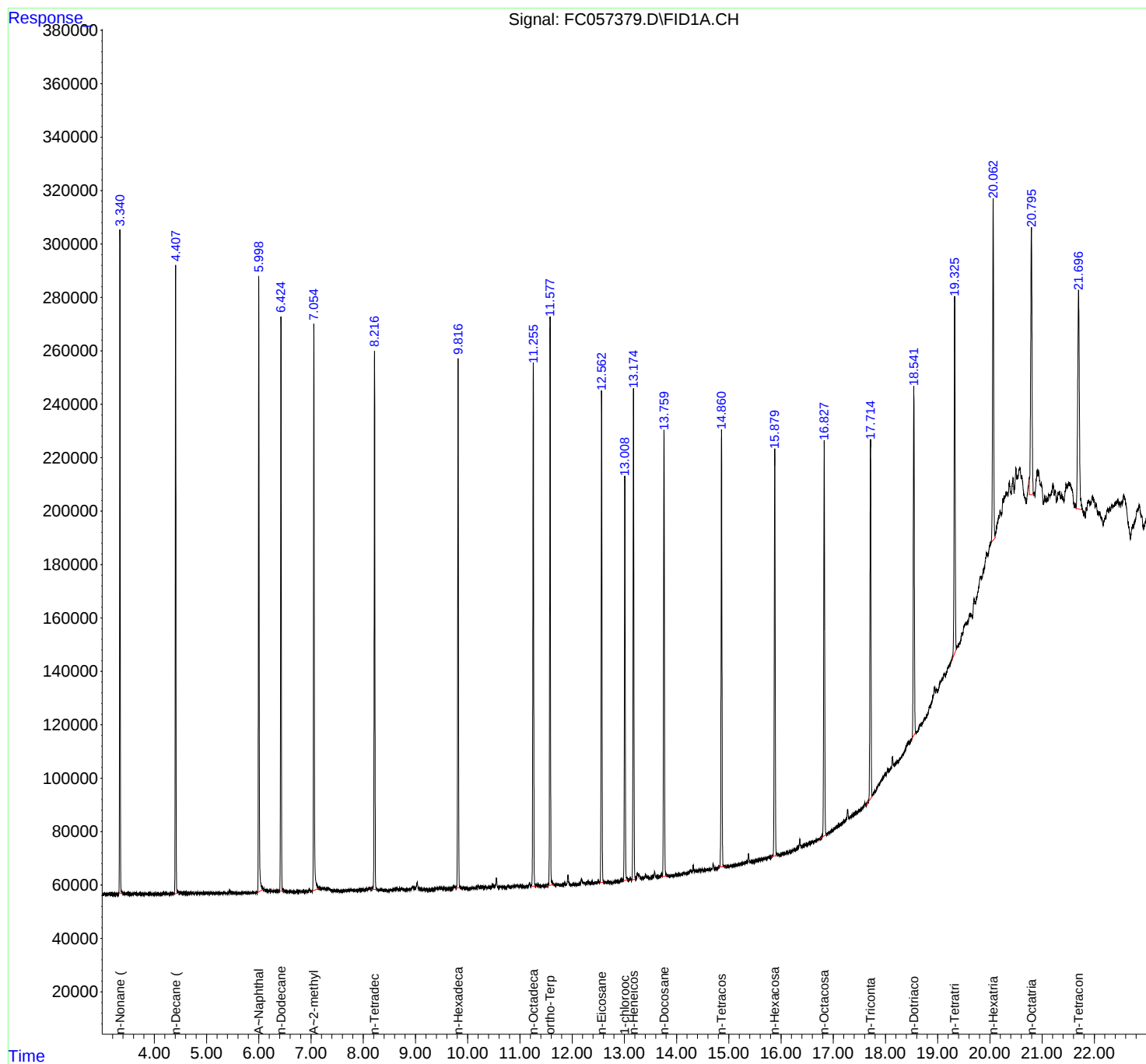
(f)=RT Delta > 1/2 Window

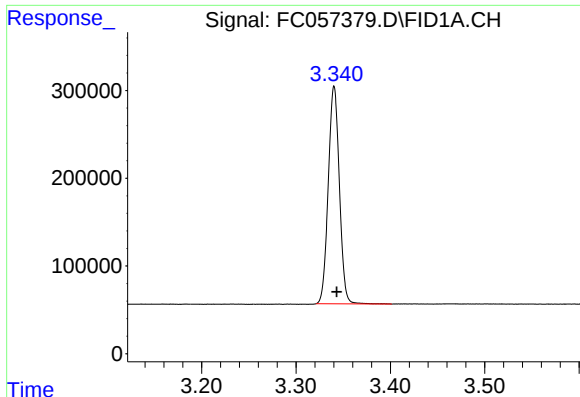
(m)=manual int.

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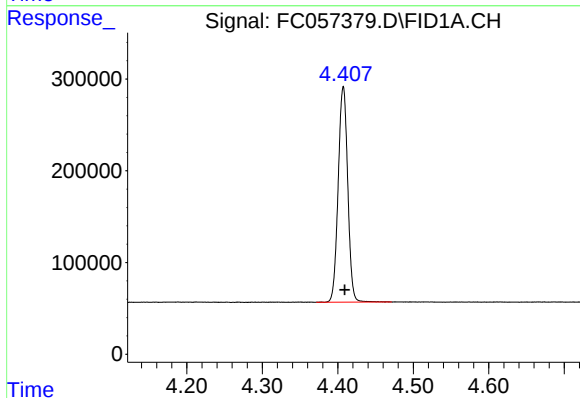
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





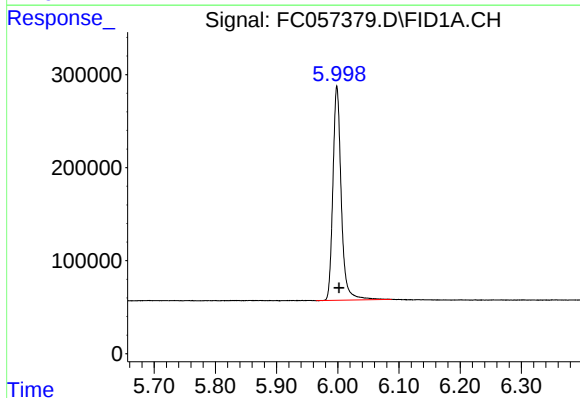
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.002 min
Response: 2026584
Conc: 21.54 ug/ml



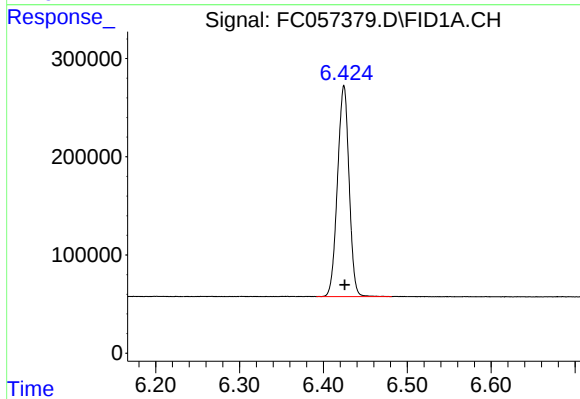
#2 n-Decane (C10)

R.T.: 4.407 min
Delta R.T.: -0.002 min
Response: 2064893
Conc: 22.06 ug/ml



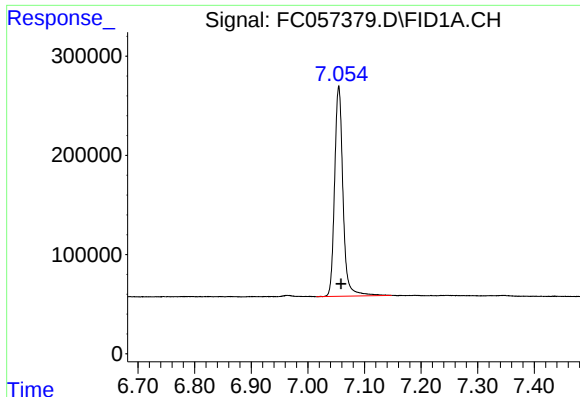
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 2187531
Conc: 22.26 ug/ml



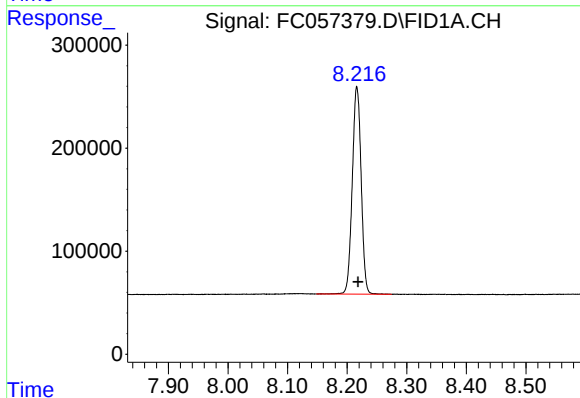
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 2065065
Conc: 21.62 ug/ml



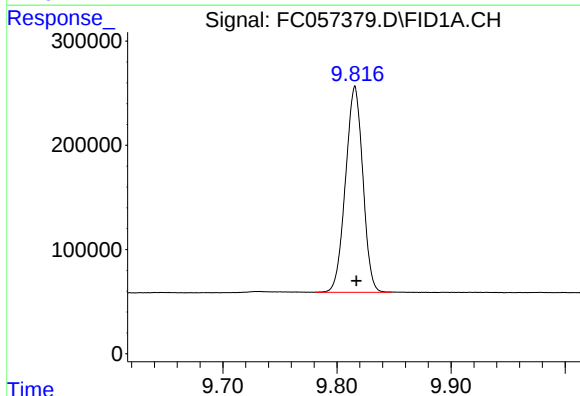
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 2182075
Conc: 22.30 ug/ml



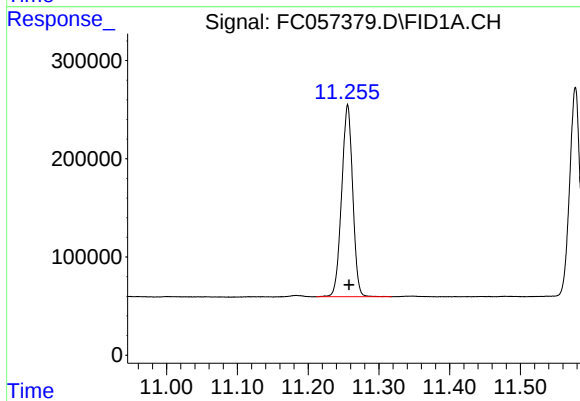
#6 n-Tetradecane (C14)

R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 2084766
Conc: 21.70 ug/ml



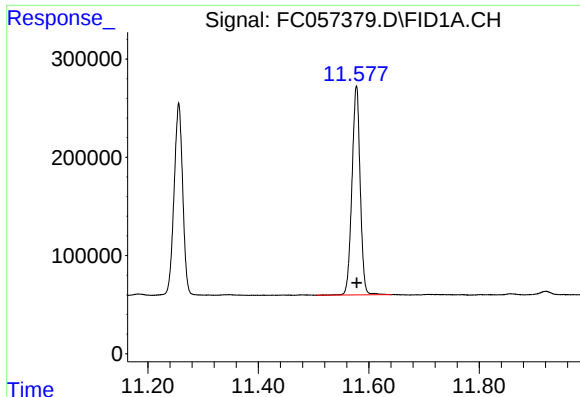
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.001 min
Response: 2085452
Conc: 21.52 ug/ml m



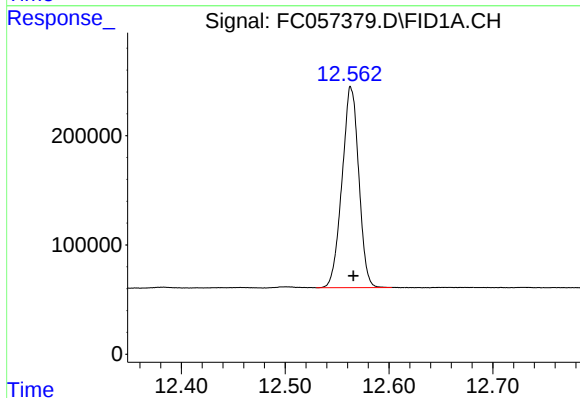
#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: -0.002 min
Response: 2122141
Conc: 21.54 ug/ml



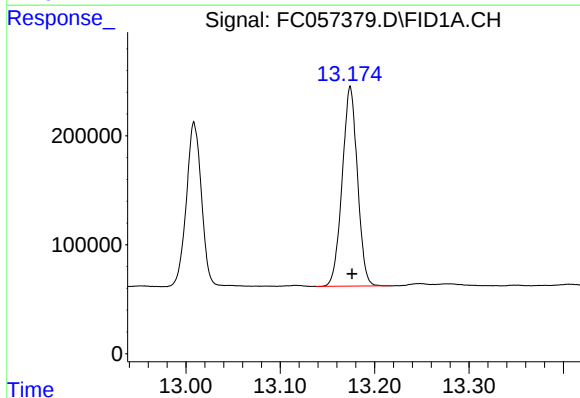
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 2199185
Conc: 21.79 ug/ml



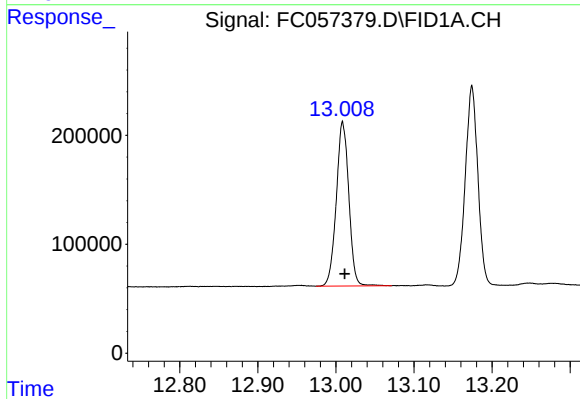
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.003 min
Response: 2061011
Conc: 21.42 ug/ml m



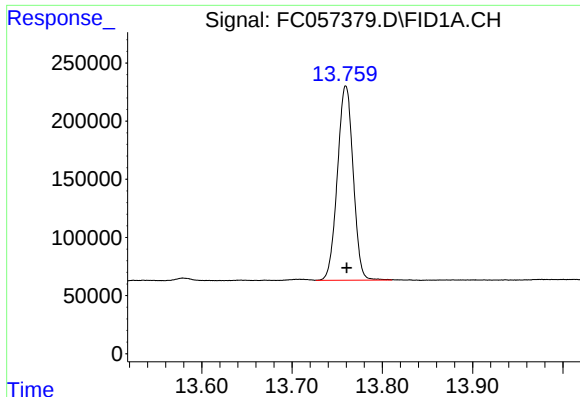
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.002 min
Response: 2056984
Conc: 21.51 ug/ml



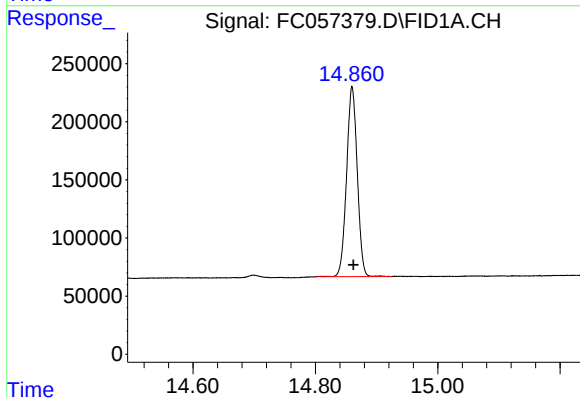
#12 1-chlorooctadecane (SURR)

R.T.: 13.009 min
Delta R.T.: -0.002 min
Response: 1676607
Conc: 22.08 ug/ml



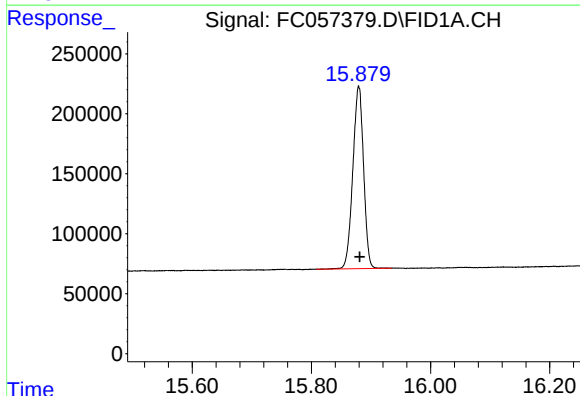
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: -0.002 min
Response: 2026343
Conc: 21.74 ug/ml m



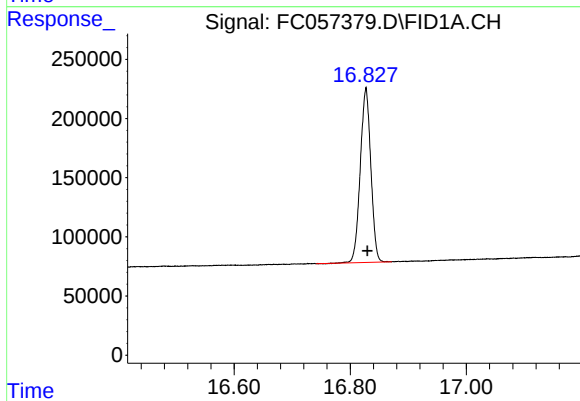
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.002 min
Response: 1976871
Conc: 21.53 ug/ml



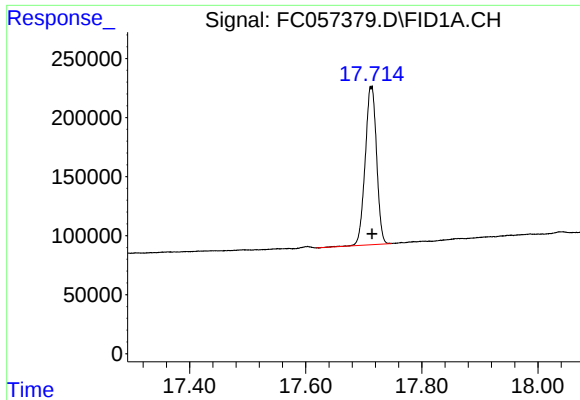
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.002 min
Response: 1902958
Conc: 22.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: -0.003 min
Response: 1856367
Conc: 21.77 ug/ml



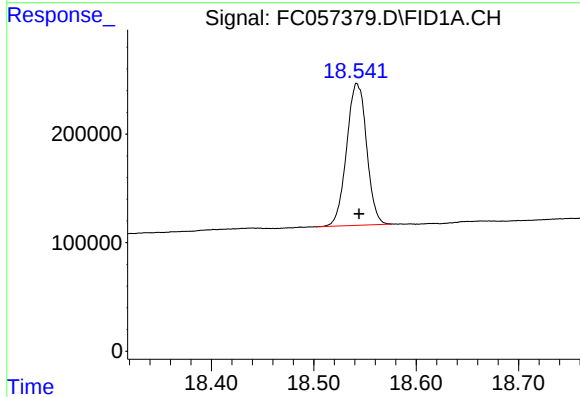
#17 n-Tricontane (C30)

R.T.: 17.713 min

Delta R.T.: -0.001 min

Response: 1820582

Conc: 21.78 ug/ml



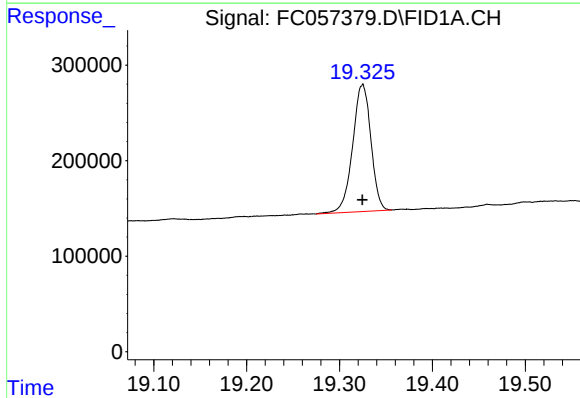
#18 n-Dotriacontane (C32)

R.T.: 18.541 min

Delta R.T.: -0.003 min

Response: 1773460

Conc: 21.68 ug/ml m



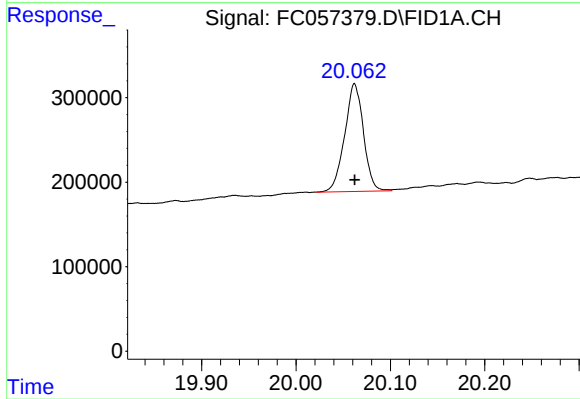
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min

Delta R.T.: 0.000 min

Response: 1819938

Conc: 22.18 ug/ml m



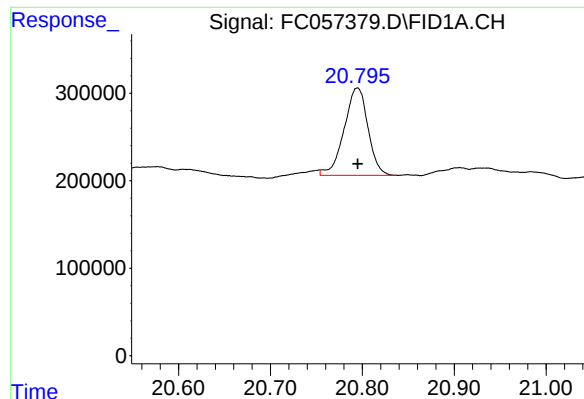
#20 n-Hexatriacontane (C36)

R.T.: 20.062 min

Delta R.T.: 0.000 min

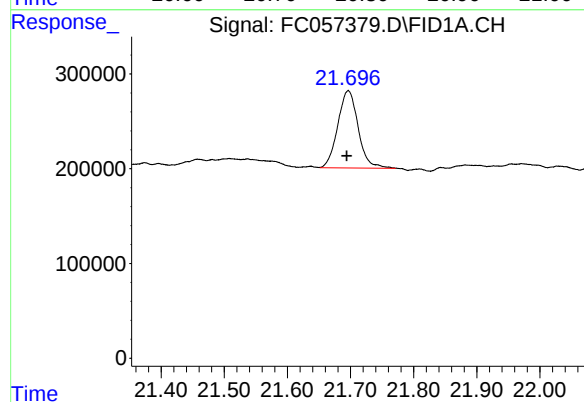
Response: 1766417

Conc: 22.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: 0.000 min
Response: 1802661
Conc: 23.74 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: 0.002 min
Response: 1829769
Conc: 24.48 ug/ml m