

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113021AL\
 Data File : FC057118.D
 Signal(s) : FID1A.CH
 Acq On : 30 Nov 2021 10:47
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 01 00:08:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 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)	11.595	2224662	19.170 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
12) S 1-chlorooctadecane (S...	13.027	1727342	18.974 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T n-Nonane (C9)	3.357	2039580	20.128 ug/ml
2) T n-Decane (C10)	4.423	2054190	20.513 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2286157	20.474 ug/ml
4) T n-Dodecane (C12)	6.440	2084738	20.561 ug/ml
5) T A~2-methylnaphthalene...	7.070	2287182	20.743 ug/ml
6) T n-Tetradecane (C14)	8.235	2090342	20.631 ug/ml
7) T n-Hexadecane (C16)	9.834	2086626	20.334 ug/ml
8) T n-Octadecane (C18)	11.275	2138267	19.958 ug/ml
10) T n-Eicosane (C20)	12.582	2081160	19.458 ug/ml
11) T n-Heneicosane (C21)	13.193	2072725	19.140 ug/ml
13) T n-Docosane (C22)	13.777	2023505	18.888 ug/ml
14) T n-Tetracosane (C24)	14.877	1965559	18.157 ug/ml
15) T n-Hexacosane (C26)	15.895	1858170	17.445 ug/ml
16) T n-Octacosane (C28)	16.843	1795830	16.836 ug/ml
17) T n-Tricontane (C30)	17.727	1738073	16.307 ug/ml
18) T n-Dotriacontane (C32)	18.556	1694208	16.062 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1751724	16.862 ug/ml
20) T n-Hexatriacontane (C36)	20.072	1764213	17.466 ug/mlm
21) T n-Octatriacontane (C38)	20.805	1809002	19.707 ug/mlm
22) T n-Tetracontane (C40)	21.715	1942887	21.567 ug/ml

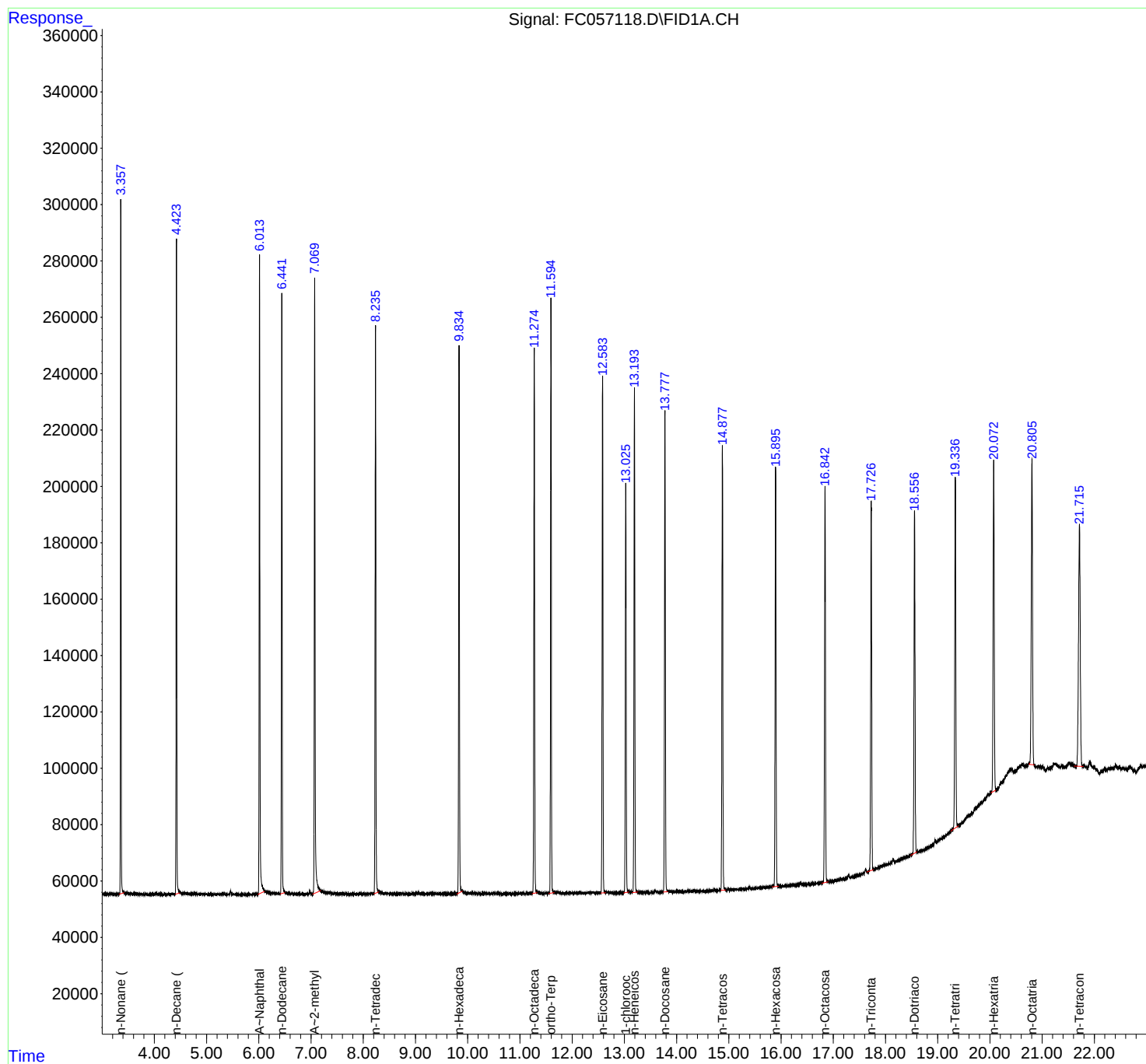
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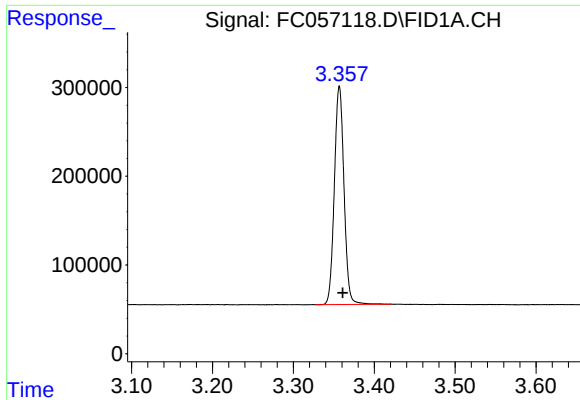
(m)=manual int.

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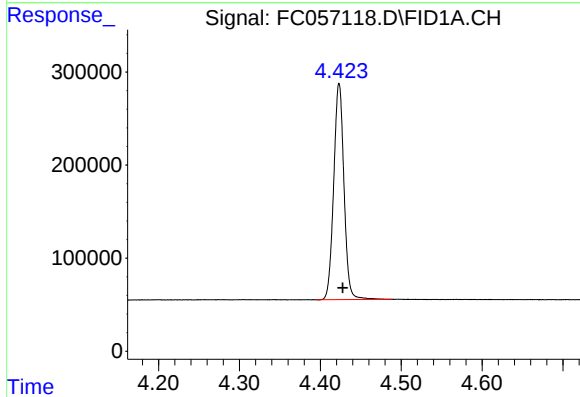
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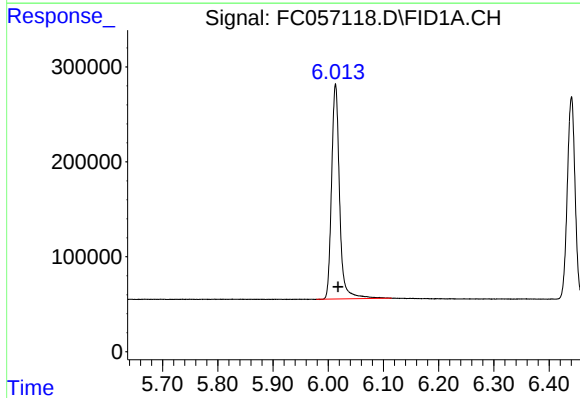
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 2039580
Conc: 20.13 ug/ml



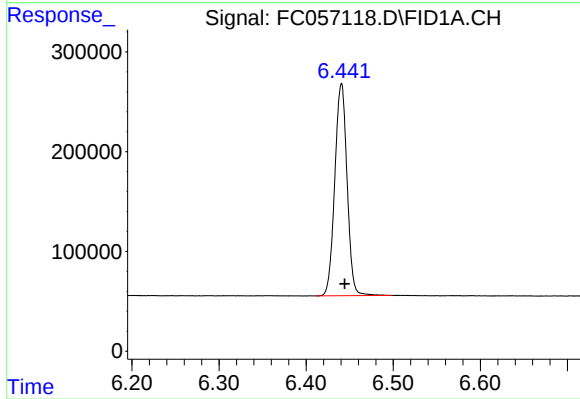
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.004 min
Response: 2054190
Conc: 20.51 ug/ml



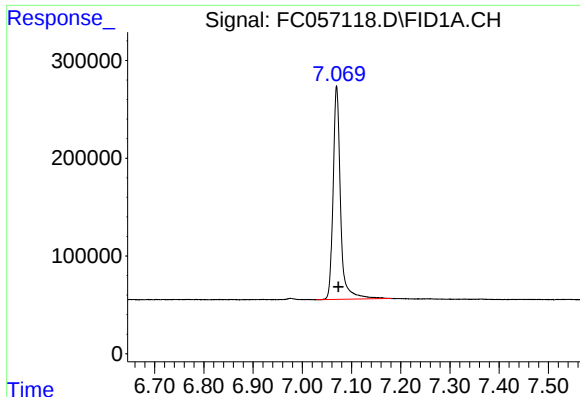
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 2286157
Conc: 20.47 ug/ml



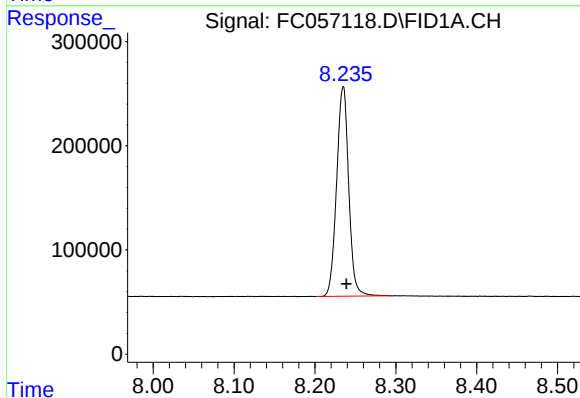
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: -0.004 min
Response: 2084738
Conc: 20.56 ug/ml



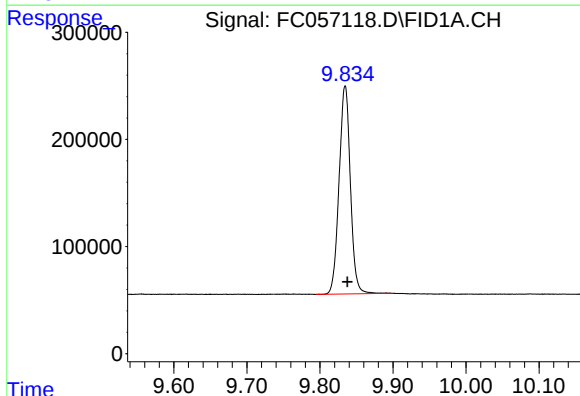
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 2287182
Conc: 20.74 ug/ml



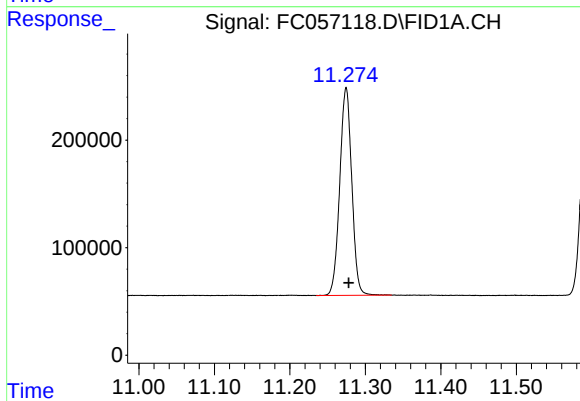
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2090342
Conc: 20.63 ug/ml



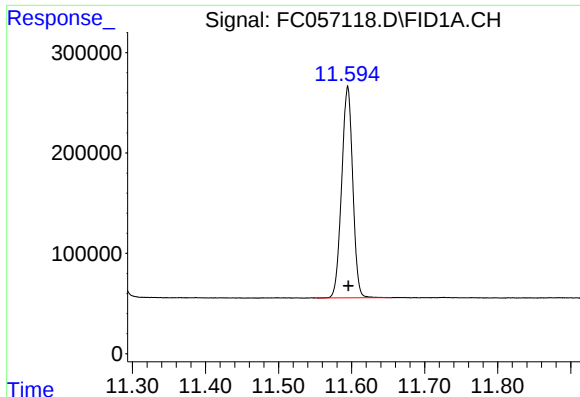
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.003 min
Response: 2086626
Conc: 20.33 ug/ml



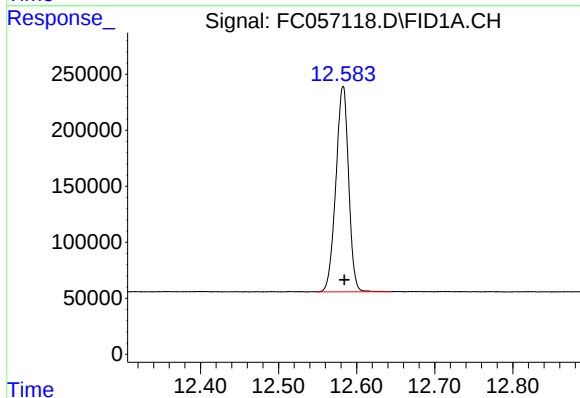
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2138267
Conc: 19.96 ug/ml



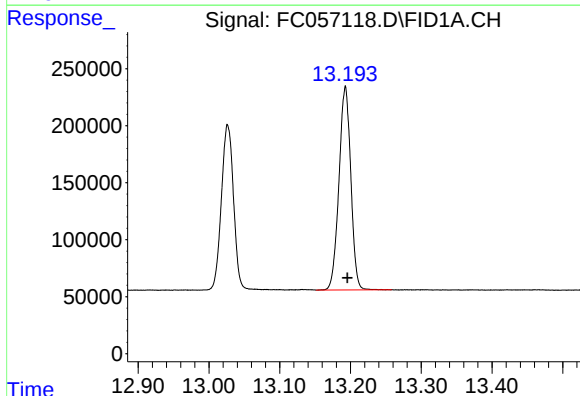
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: -0.001 min
Response: 2224662
Conc: 19.17 ug/ml



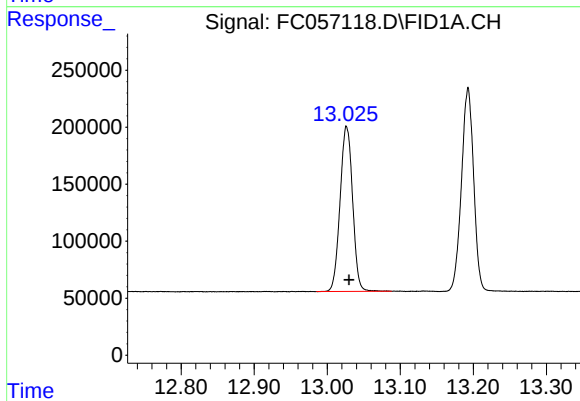
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.002 min
Response: 2081160
Conc: 19.46 ug/ml



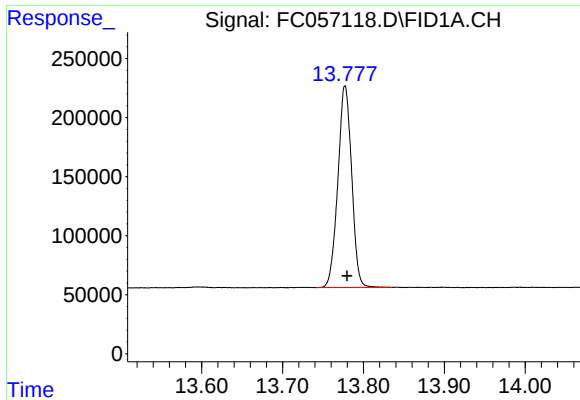
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 2072725
Conc: 19.14 ug/ml



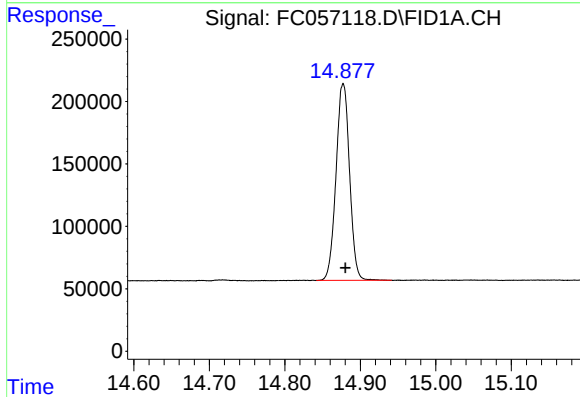
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 1727342
Conc: 18.97 ug/ml



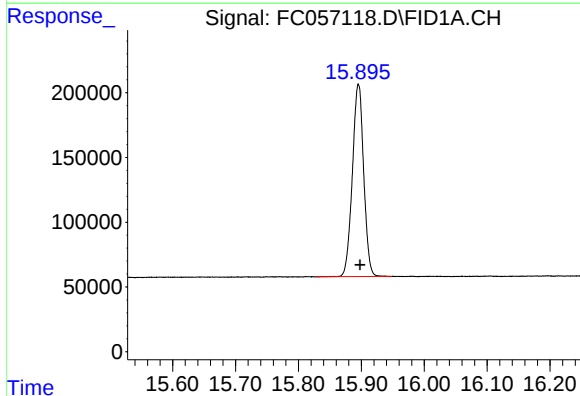
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: -0.002 min
Response: 2023505
Conc: 18.89 ug/ml



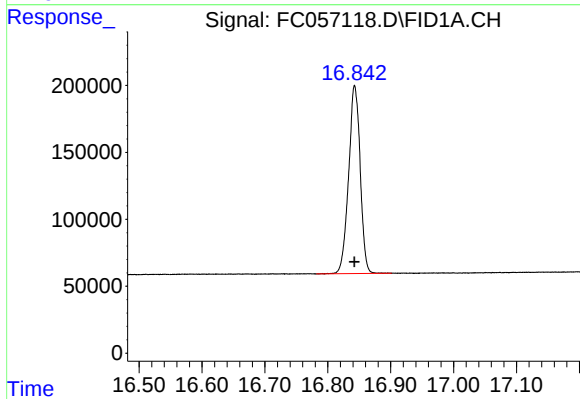
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 1965559
Conc: 18.16 ug/ml



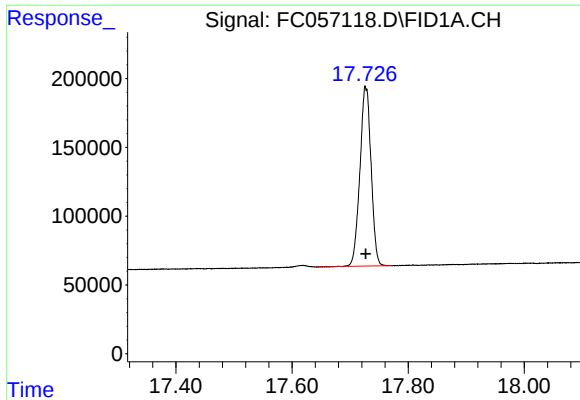
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 1858170
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 1795830
Conc: 16.84 ug/ml



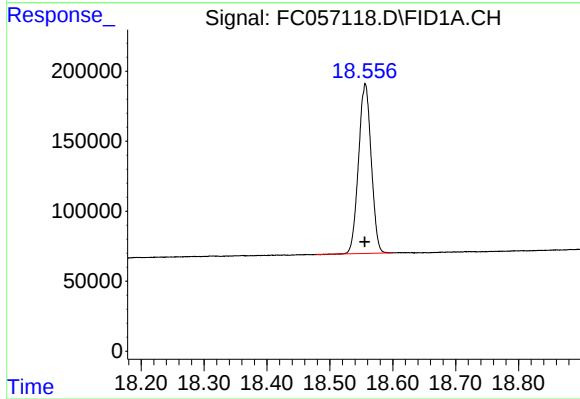
#17 n-Tricontane (C30)

R.T.: 17.727 min

Delta R.T.: 0.000 min

Response: 1738073

Conc: 16.31 ug/ml



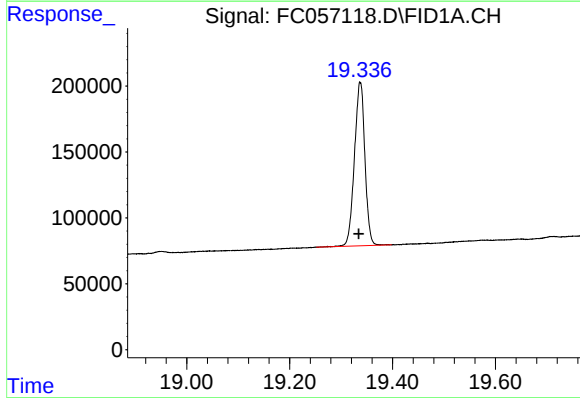
#18 n-Dotriacontane (C32)

R.T.: 18.556 min

Delta R.T.: 0.000 min

Response: 1694208

Conc: 16.06 ug/ml



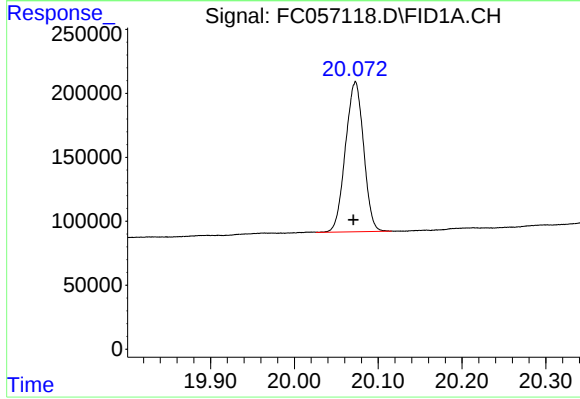
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min

Delta R.T.: 0.003 min

Response: 1751724

Conc: 16.86 ug/ml



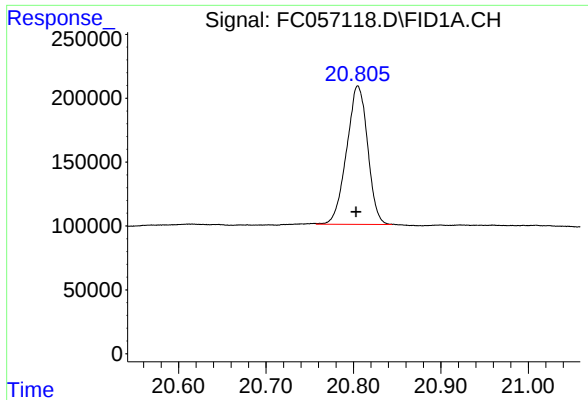
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min

Delta R.T.: 0.002 min

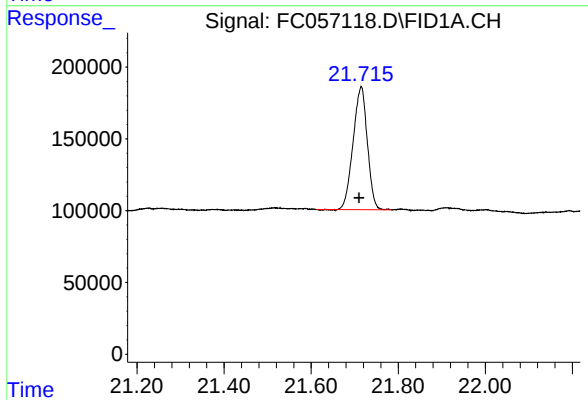
Response: 1764213

Conc: 17.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.002 min
Response: 1809002
Conc: 19.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: 0.005 min
Response: 1942887
Conc: 21.57 ug/ml