

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101321AL\
 Data File : FC056156.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2021 10:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 13 12:50:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.637	1927397	16.243 ug/ml
Spiked Amount 50.000		Recovery =	32.49%
12) S 1-chlorooctadecane (S...	13.068	1491321	16.232 ug/ml
Spiked Amount 50.000		Recovery =	32.46%
Target Compounds			
1) T n-Nonane (C9)	3.387	2039929	19.116 ug/ml
2) T n-Decane (C10)	4.456	2030346	18.994 ug/ml
3) T A~Naphthalene (C11.7)	6.050	2187643	18.182 ug/ml
4) T n-Dodecane (C12)	6.477	2004668	18.469 ug/ml
5) T A~2-methylnaphthalene...	7.108	2148864	17.690 ug/ml
6) T n-Tetradecane (C14)	8.273	1957659	17.695 ug/ml
7) T n-Hexadecane (C16)	9.873	1898048	17.147 ug/ml
8) T n-Octadecane (C18)	11.314	1882661	16.821 ug/ml
10) T n-Eicosane (C20)	12.622	1801021	16.489 ug/ml
11) T n-Heneicosane (C21)	13.234	1787867	16.444 ug/ml
13) T n-Docosane (C22)	13.819	1748431	16.371 ug/ml
14) T n-Tetracosane (C24)	14.919	1724685	16.493 ug/ml
15) T n-Hexacosane (C26)	15.938	1692557	16.846 ug/ml
16) T n-Octacosane (C28)	16.884	1690565	17.477 ug/ml
17) T n-Tricontane (C30)	17.770	1717163	18.507 ug/ml
18) T n-Dotriacontane (C32)	18.598	1712212	19.258 ug/ml
19) T n-Tetratriacontane (C34)	19.378	1678530	19.408 ug/ml
20) T n-Hexatriacontane (C36)	20.114	1564370	19.147 ug/ml
21) T n-Octatriacontane (C38)	20.853	1448256	18.174 ug/ml
22) T n-Tetracontane (C40)	21.774	1404870	17.526 ug/ml

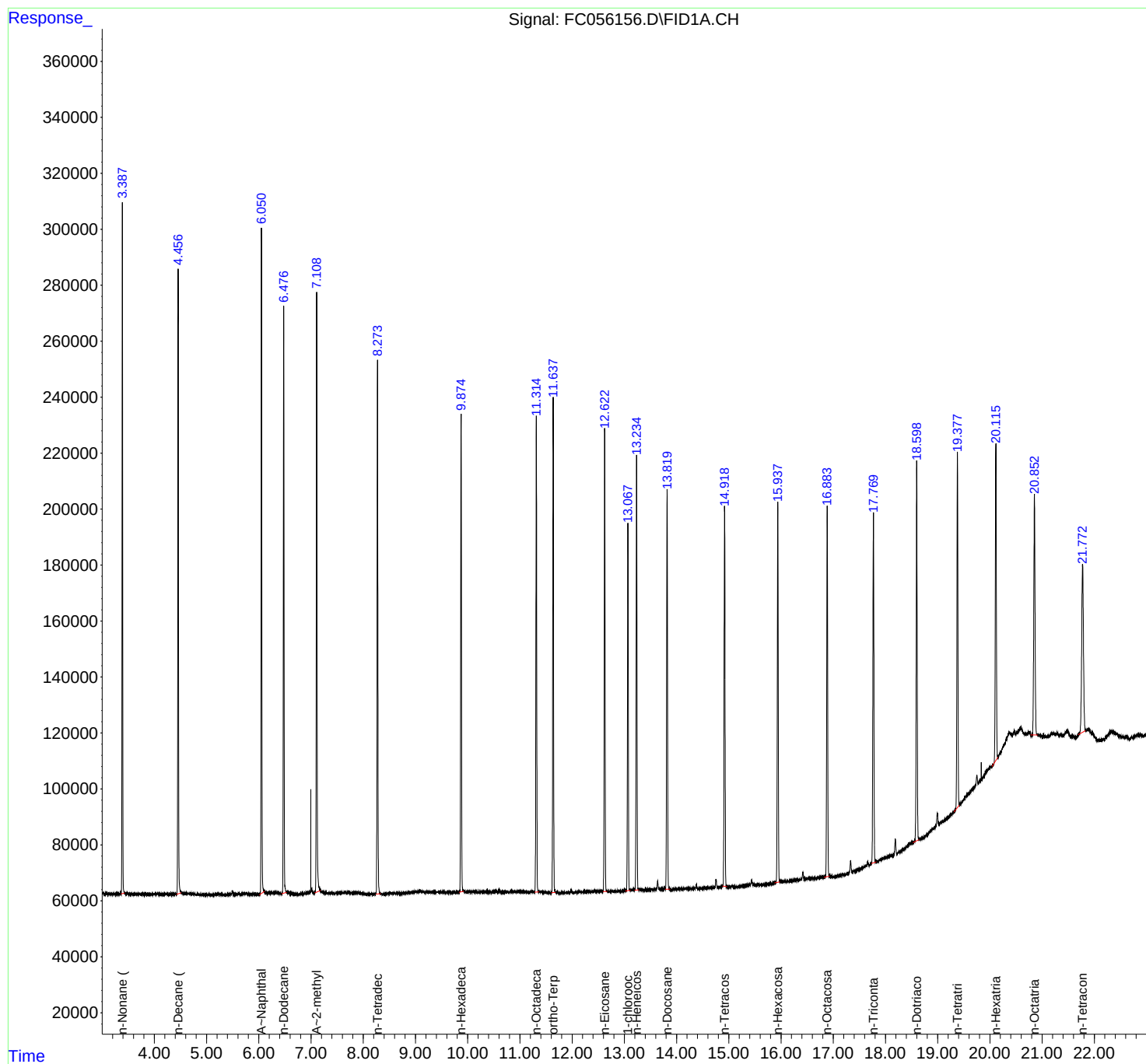
(f)=RT Delta > 1/2 Window

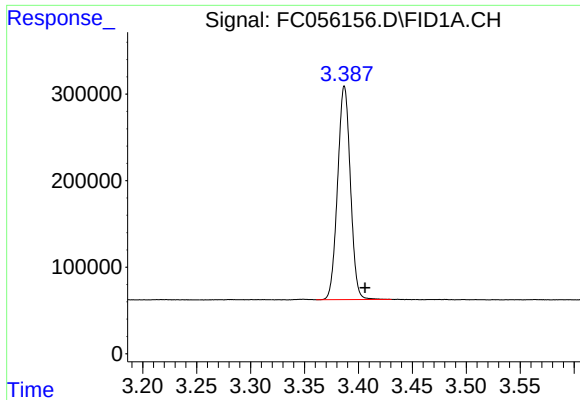
(m)=manual int.

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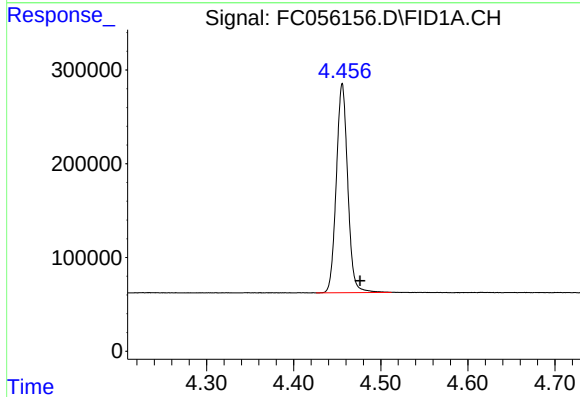
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Signal Info : 20M x 0.18mm x 0.18um





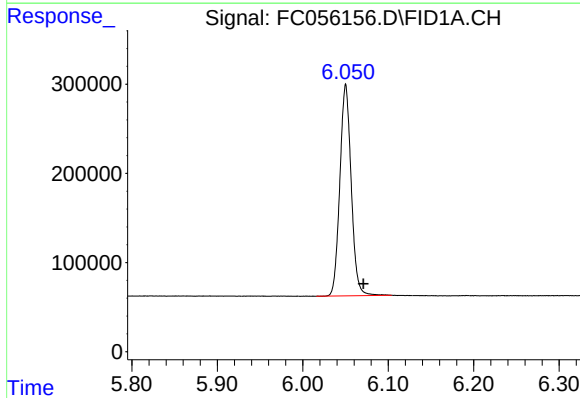
#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: -0.019 min
Response: 2039929
Conc: 19.12 ug/ml



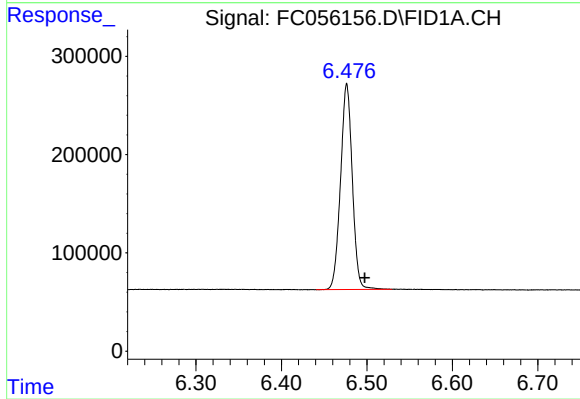
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.020 min
Response: 2030346
Conc: 18.99 ug/ml



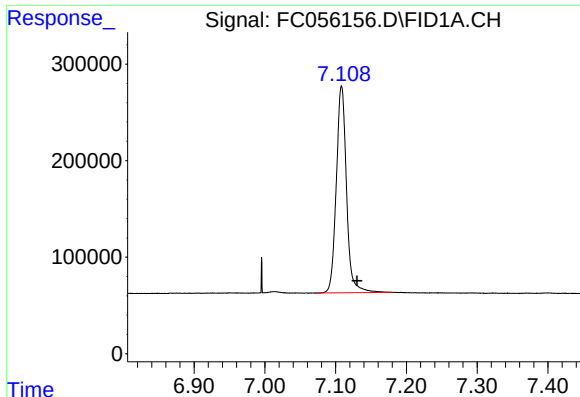
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.021 min
Response: 2187643
Conc: 18.18 ug/ml



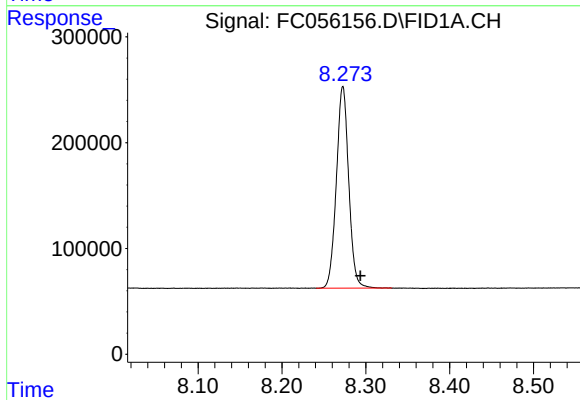
#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.021 min
Response: 2004668
Conc: 18.47 ug/ml



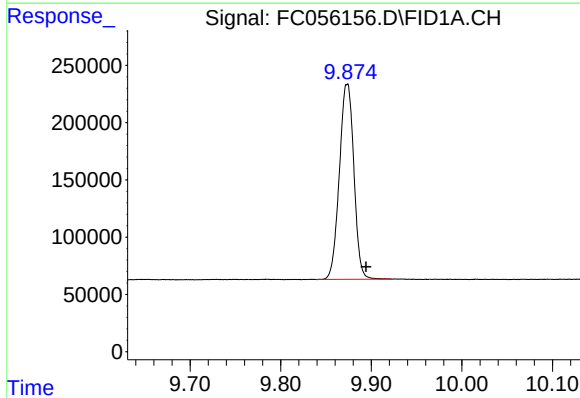
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: -0.022 min
Response: 2148864
Conc: 17.69 ug/ml



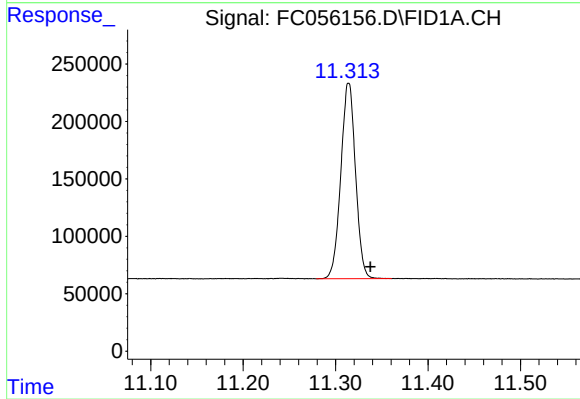
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.021 min
Response: 1957659
Conc: 17.69 ug/ml



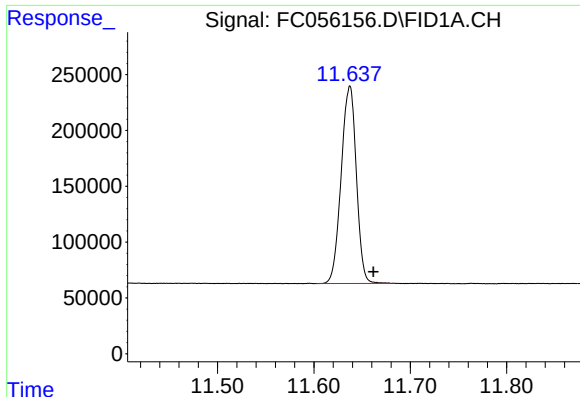
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.021 min
Response: 1898048
Conc: 17.15 ug/ml



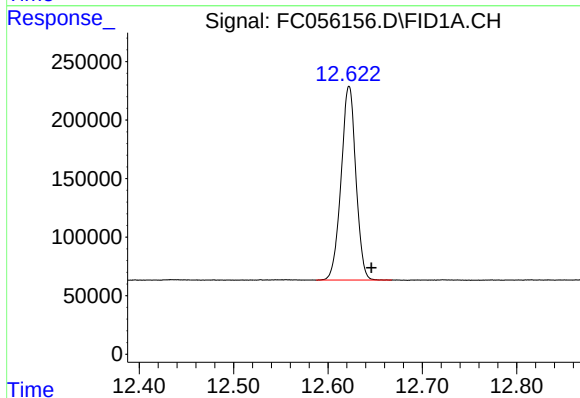
#8 n-Octadecane (C18)

R.T.: 11.314 min
Delta R.T.: -0.024 min
Response: 1882661
Conc: 16.82 ug/ml



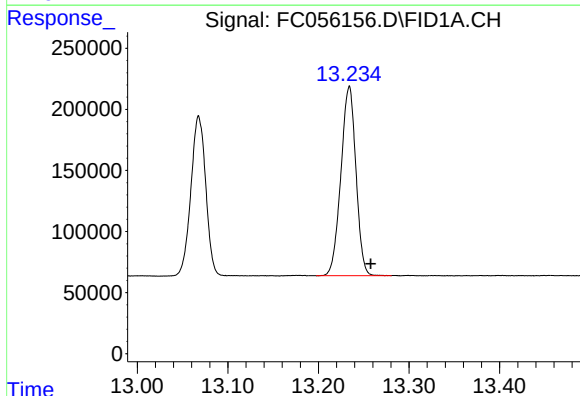
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min
Delta R.T.: -0.025 min
Response: 1927397
Conc: 16.24 ug/ml



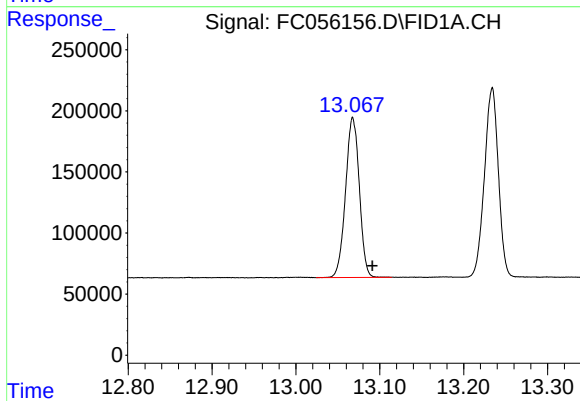
#10 n-Eicosane (C20)

R.T.: 12.622 min
Delta R.T.: -0.024 min
Response: 1801021
Conc: 16.49 ug/ml



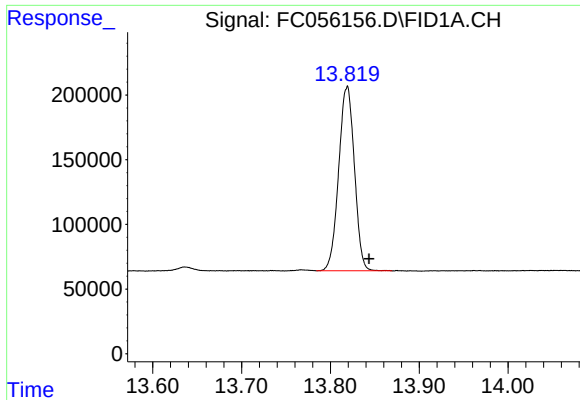
#11 n-Heneicosane (C21)

R.T.: 13.234 min
Delta R.T.: -0.024 min
Response: 1787867
Conc: 16.44 ug/ml



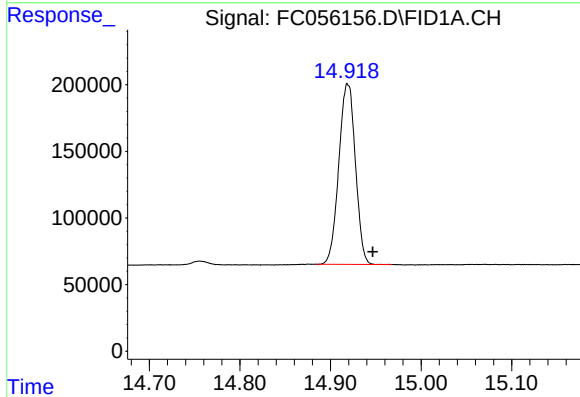
#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: -0.023 min
Response: 1491321
Conc: 16.23 ug/ml



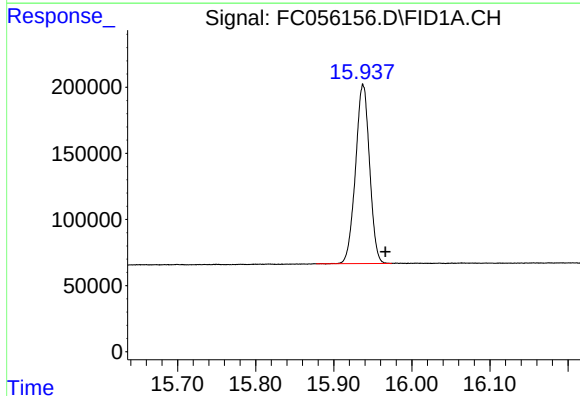
#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: -0.025 min
Response: 1748431
Conc: 16.37 ug/ml



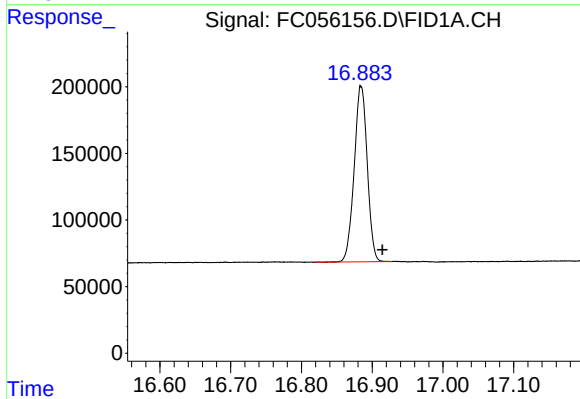
#14 n-Tetracosane (C24)

R.T.: 14.919 min
Delta R.T.: -0.028 min
Response: 1724685
Conc: 16.49 ug/ml



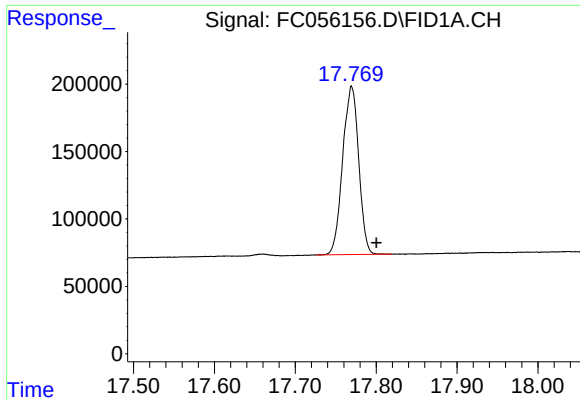
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: -0.029 min
Response: 1692557
Conc: 16.85 ug/ml



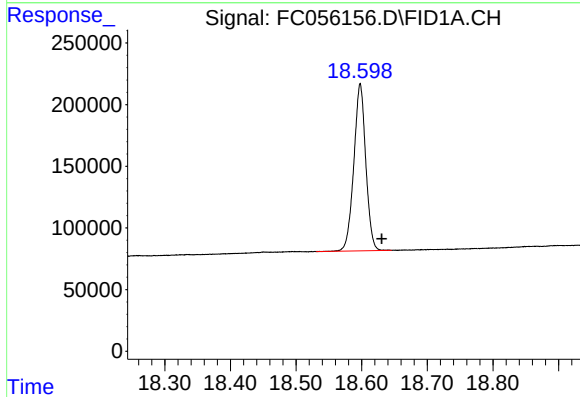
#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: -0.030 min
Response: 1690565
Conc: 17.48 ug/ml



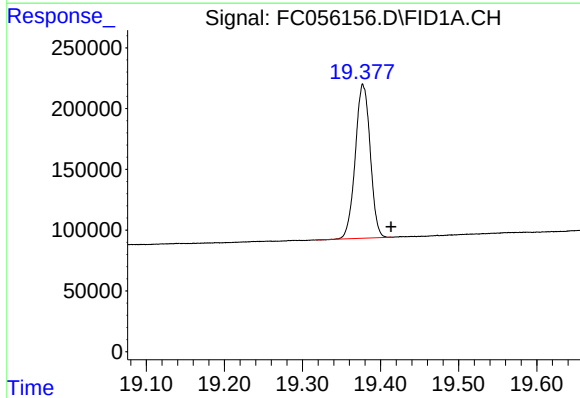
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: -0.031 min
Response: 1717163
Conc: 18.51 ug/ml



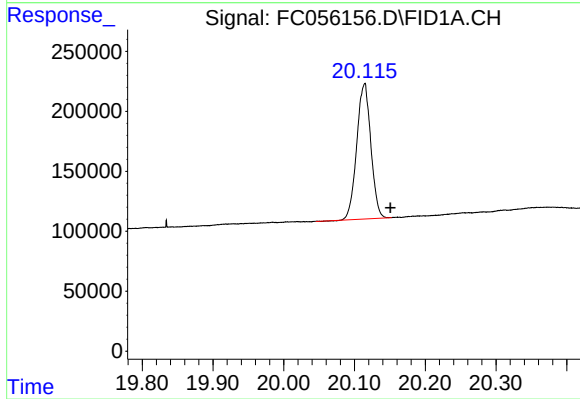
#18 n-Dotriacontane (C32)

R.T.: 18.598 min
Delta R.T.: -0.033 min
Response: 1712212
Conc: 19.26 ug/ml



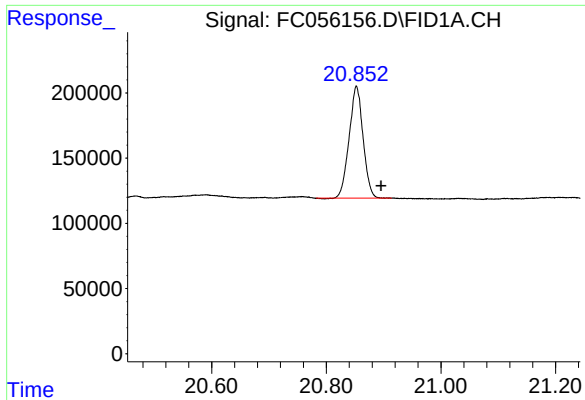
#19 n-Tetratriacontane (C34)

R.T.: 19.378 min
Delta R.T.: -0.036 min
Response: 1678530
Conc: 19.41 ug/ml



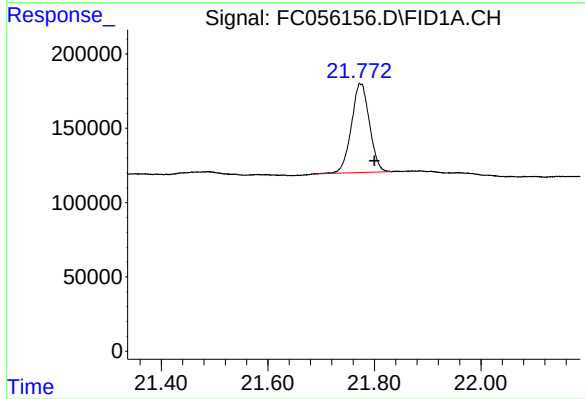
#20 n-Hexatriacontane (C36)

R.T.: 20.114 min
Delta R.T.: -0.037 min
Response: 1564370
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.853 min
Delta R.T.: -0.043 min
Response: 1448256
Conc: 18.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.774 min
Delta R.T.: -0.026 min
Response: 1404870
Conc: 17.53 ug/ml