

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120121AL\
 Data File : FC057135.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2021 10:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 02 00:56:20 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)	11.600	2258373	19.461 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
12) S 1-chlorooctadecane (S...	13.032	1749937	19.222 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.356	2115218	20.874 ug/ml
2) T n-Decane (C10)	4.424	2151420	21.484 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2375431	21.273 ug/ml
4) T n-Dodecane (C12)	6.443	2172071	21.423 ug/ml
5) T A~2-methylnaphthalene...	7.075	2345438	21.272 ug/ml
6) T n-Tetradecane (C14)	8.238	2168319	21.401 ug/ml
7) T n-Hexadecane (C16)	9.838	2149531	20.947 ug/ml
8) T n-Octadecane (C18)	11.279	2184375	20.388 ug/ml
10) T n-Eicosane (C20)	12.587	2109546	19.724 ug/ml
11) T n-Heneicosane (C21)	13.198	2094038	19.337 ug/ml
13) T n-Docosane (C22)	13.783	2042735	19.067 ug/ml
14) T n-Tetracosane (C24)	14.884	1987204	18.357 ug/ml
15) T n-Hexacosane (C26)	15.902	1896719	17.807 ug/ml
16) T n-Octacosane (C28)	16.850	1845744	17.304 ug/ml
17) T n-Tricontane (C30)	17.734	1814525	17.024 ug/ml
18) T n-Dotriacontane (C32)	18.564	1798902	17.054 ug/ml
19) T n-Tetratriacontane (C34)	19.344	1848048	17.789 ug/mlm
20) T n-Hexatriacontane (C36)	20.082	1887797	18.690 ug/mlm
21) T n-Octatriacontane (C38)	20.815	1949300	21.235 ug/mlm
22) T n-Tetracontane (C40)	21.727	2122464	23.561 ug/mlm

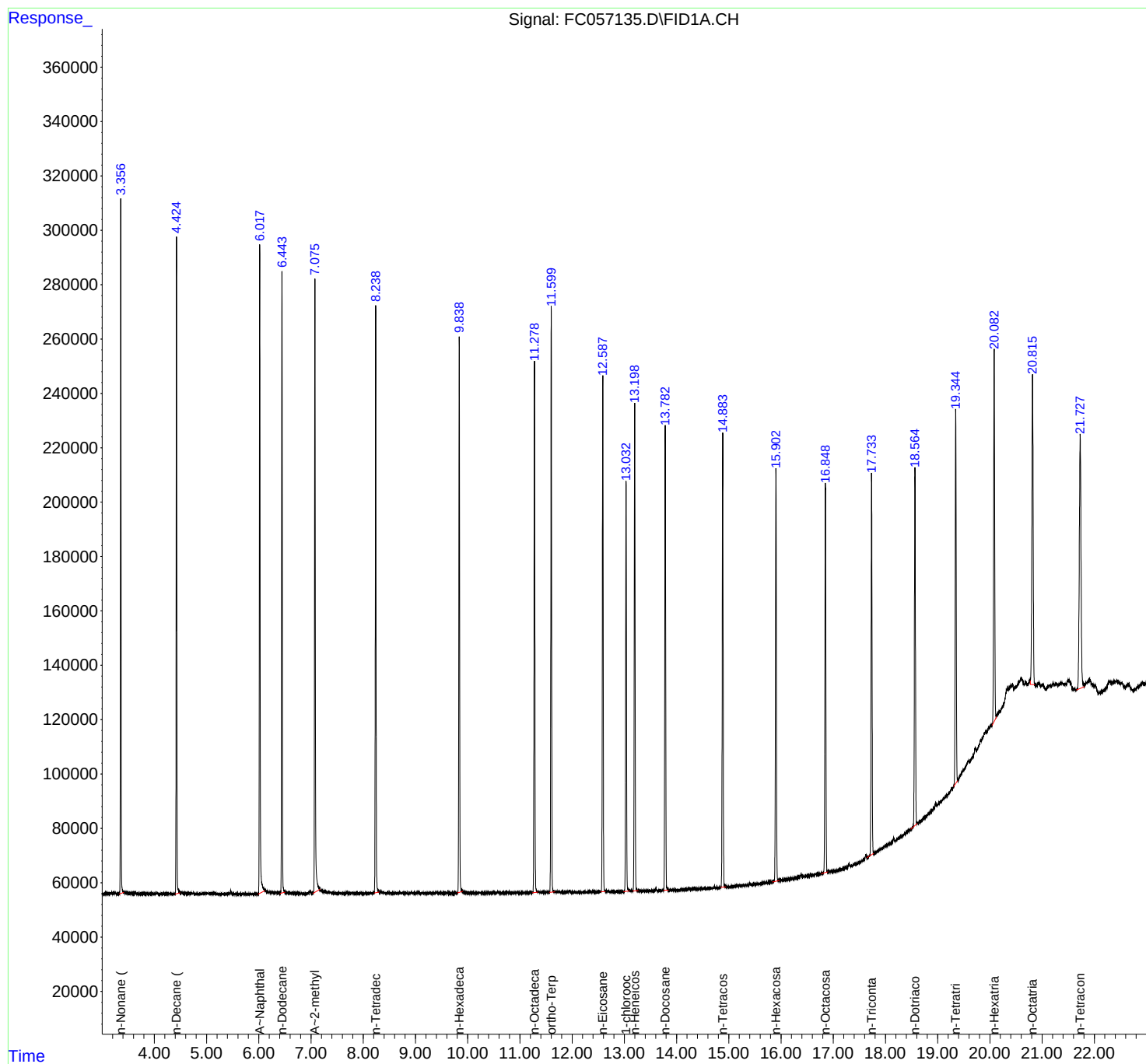
(f)=RT Delta > 1/2 Window

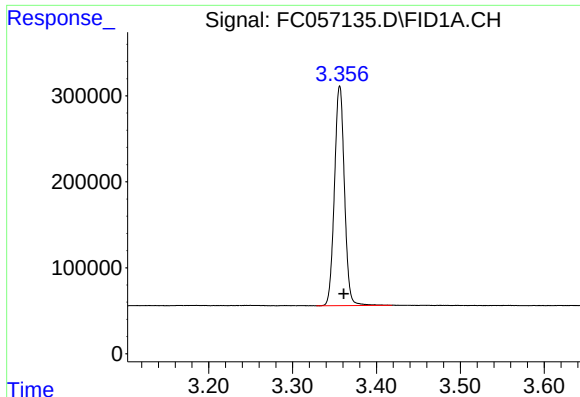
(m)=manual int.

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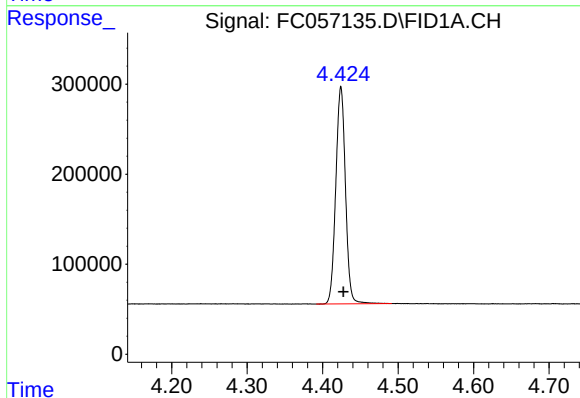
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





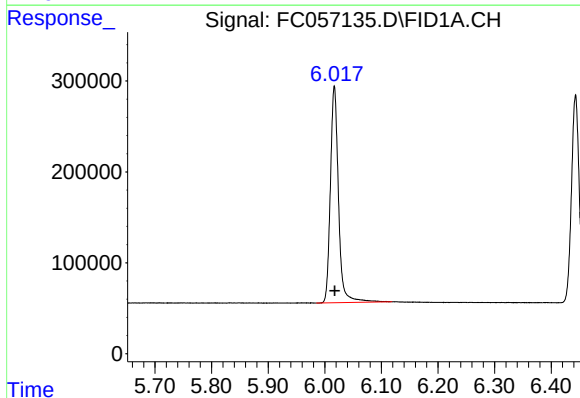
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 2115218
Conc: 20.87 ug/ml



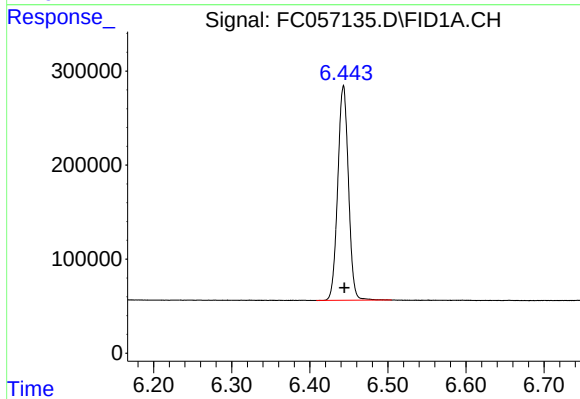
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.003 min
Response: 2151420
Conc: 21.48 ug/ml



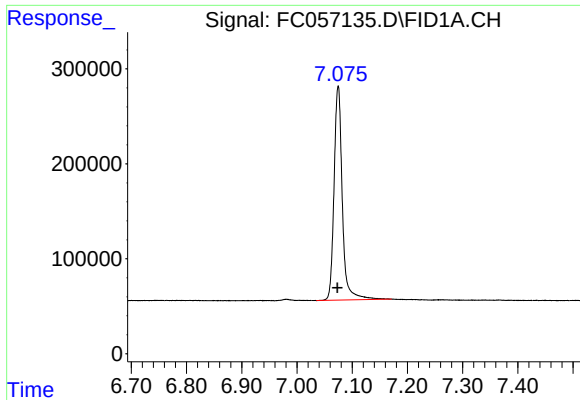
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 2375431
Conc: 21.27 ug/ml



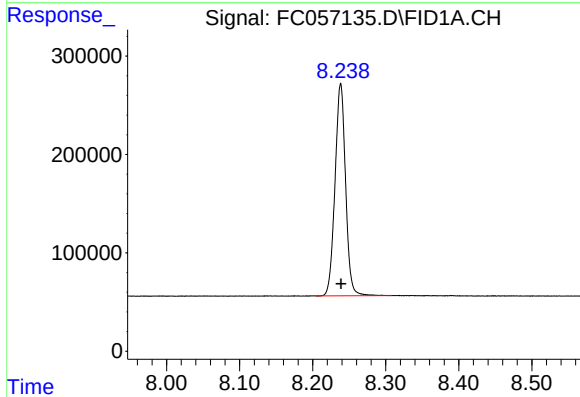
#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 2172071
Conc: 21.42 ug/ml



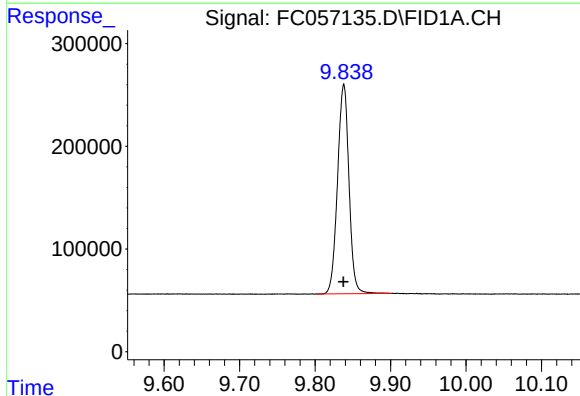
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 2345438
Conc: 21.27 ug/ml



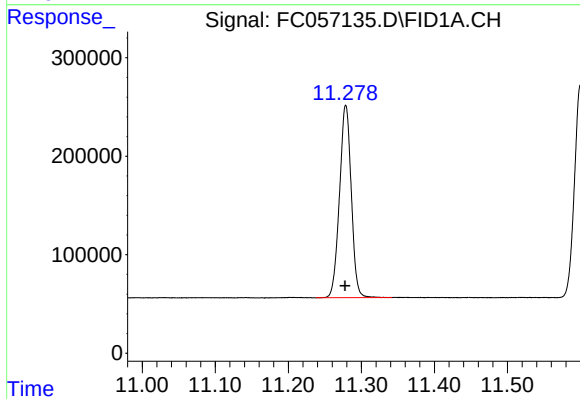
#6 n-Tetradecane (C14)

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 2168319
Conc: 21.40 ug/ml



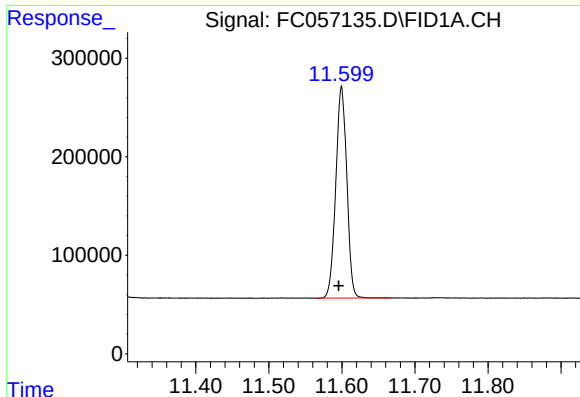
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 2149531
Conc: 20.95 ug/ml



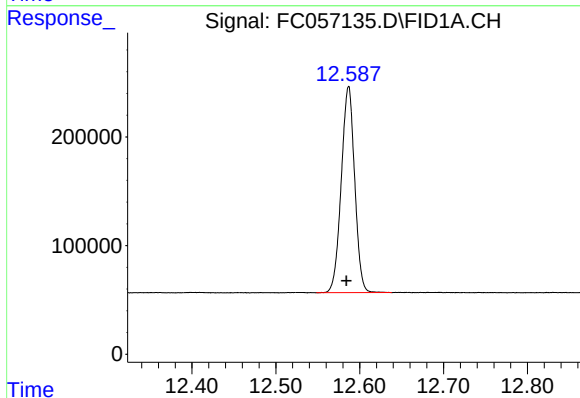
#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 2184375
Conc: 20.39 ug/ml



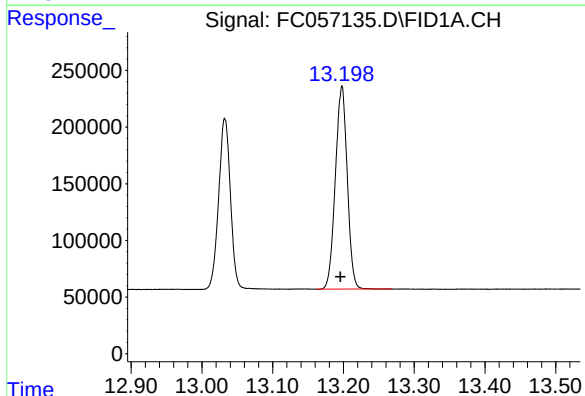
#9 ortho-Terphenyl (SURR)

R.T.: 11.600 min
Delta R.T.: 0.004 min
Response: 2258373
Conc: 19.46 ug/ml



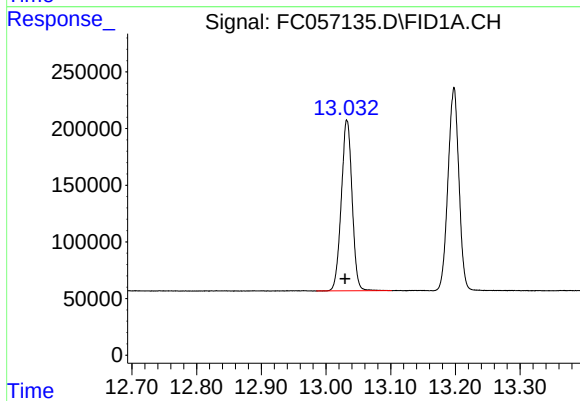
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: 0.002 min
Response: 2109546
Conc: 19.72 ug/ml



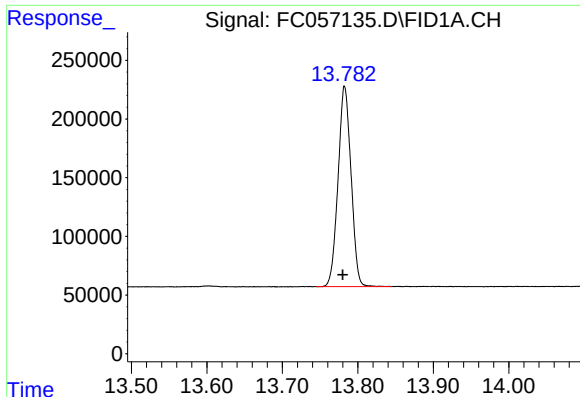
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: 0.002 min
Response: 2094038
Conc: 19.34 ug/ml



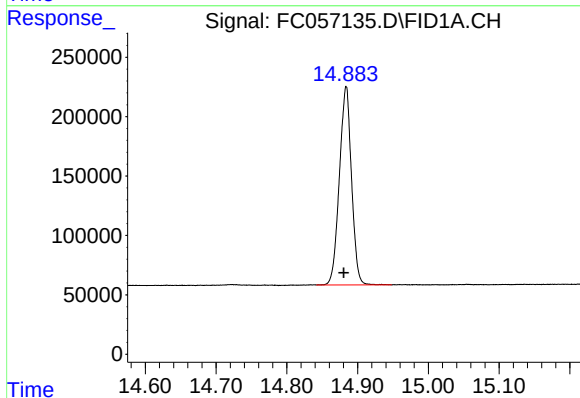
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: 0.003 min
Response: 1749937
Conc: 19.22 ug/ml



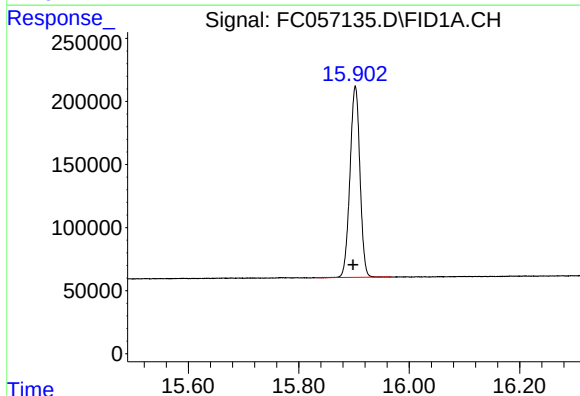
#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: 0.003 min
Response: 2042735
Conc: 19.07 ug/ml



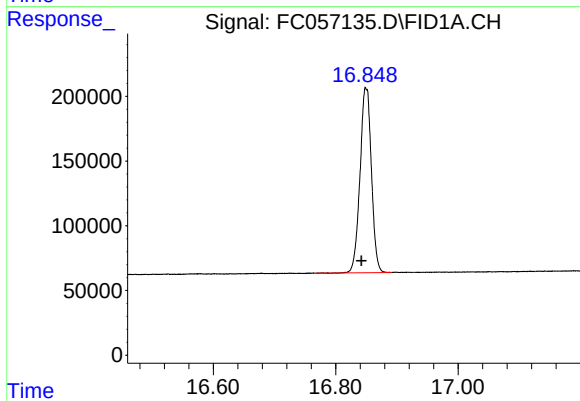
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.003 min
Response: 1987204
Conc: 18.36 ug/ml



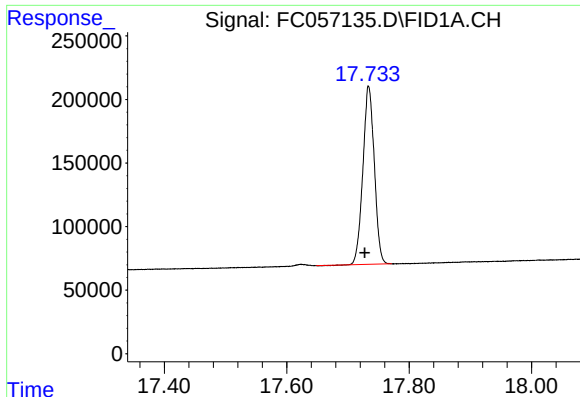
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: 0.004 min
Response: 1896719
Conc: 17.81 ug/ml



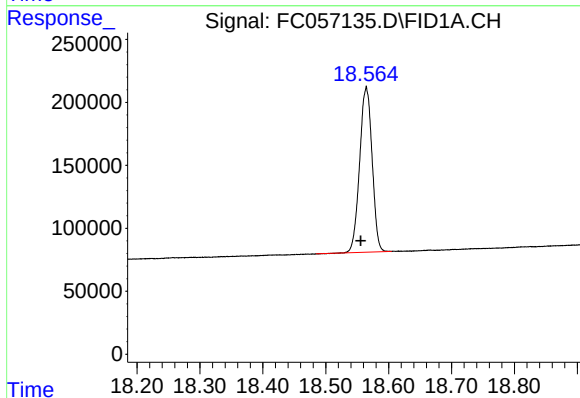
#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: 0.007 min
Response: 1845744
Conc: 17.30 ug/ml



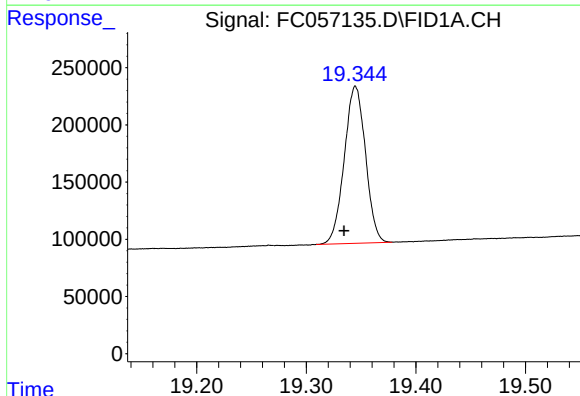
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: 0.007 min
Response: 1814525
Conc: 17.02 ug/ml



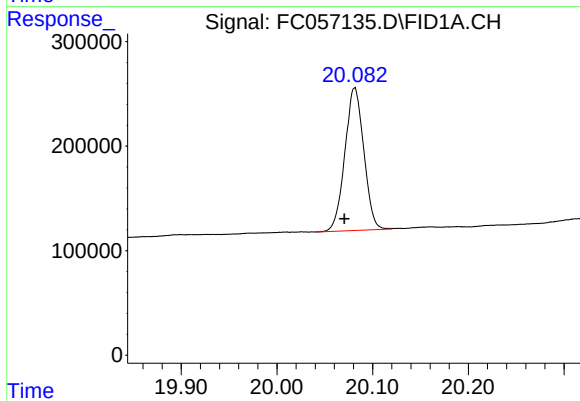
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.009 min
Response: 1798902
Conc: 17.05 ug/ml



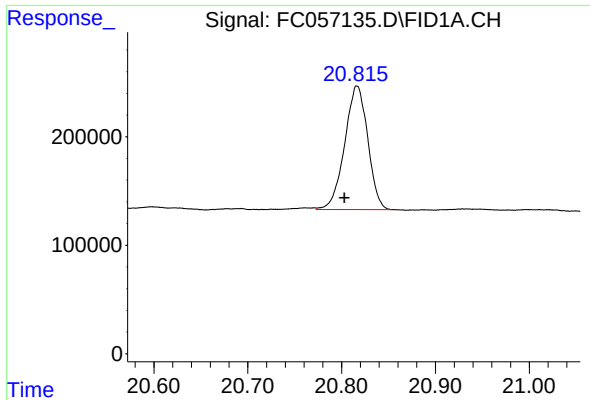
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: 0.010 min
Response: 1848048
Conc: 17.79 ug/ml m



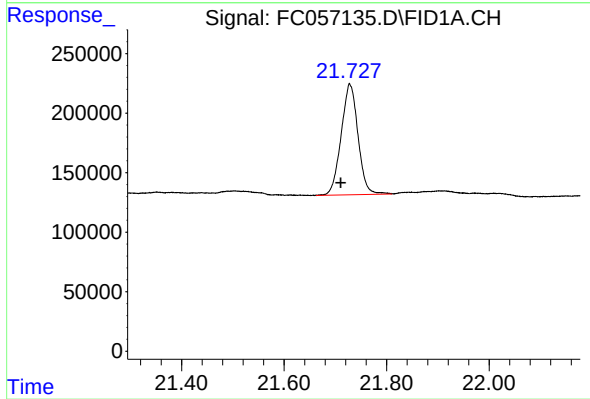
#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: 0.011 min
Response: 1887797
Conc: 18.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.012 min
Response: 1949300
Conc: 21.24 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.017 min
Response: 2122464
Conc: 23.56 ug/ml m