

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111621AL\
 Data File : FC056868.D
 Signal(s) : FID1A.CH
 Acq On : 17 Nov 2021 9:59
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 17 10:31:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.605	2086815	16.854 ug/ml
Spiked Amount 50.000		Recovery =	33.71%
12) S 1-chlorooctadecane (S...	13.037	1604883	16.679 ug/ml
Spiked Amount 50.000		Recovery =	33.36%
Target Compounds			
1) T n-Nonane (C9)	3.365	2144150	19.810 ug/ml
2) T n-Decane (C10)	4.433	2134545	19.816 ug/ml
3) T A~Naphthalene (C11.7)	6.023	2333358	19.138 ug/ml
4) T n-Dodecane (C12)	6.451	2148816	19.492 ug/ml
5) T A~2-methylnaphthalene...	7.080	2311631	18.877 ug/ml
6) T n-Tetradecane (C14)	8.245	2119764	18.881 ug/ml
7) T n-Hexadecane (C16)	9.845	2085177	18.341 ug/ml
8) T n-Octadecane (C18)	11.285	2066190	17.681 ug/ml
10) T n-Eicosane (C20)	12.592	1964252	17.091 ug/ml
11) T n-Heneicosane (C21)	13.203	1932675	16.817 ug/ml
13) T n-Docosane (C22)	13.788	1875672	16.660 ug/ml
14) T n-Tetracosane (C24)	14.888	1823094	16.543 ug/ml
15) T n-Hexacosane (C26)	15.906	1776042	16.827 ug/ml
16) T n-Octacosane (C28)	16.853	1765746	17.023 ug/ml
17) T n-Tricontane (C30)	17.736	1793220	17.308 ug/ml
18) T n-Dotriacontane (C32)	18.565	1793209	18.717 ug/ml
19) T n-Tetratriacontane (C34)	19.345	1810237	20.639 ug/ml
20) T n-Hexatriacontane (C36)	20.080	1777039	21.711 ug/mlm
21) T n-Octatriacontane (C38)	20.815	1782067	22.282 ug/ml
22) T n-Tetracontane (C40)	21.725	1759018	21.350 ug/ml

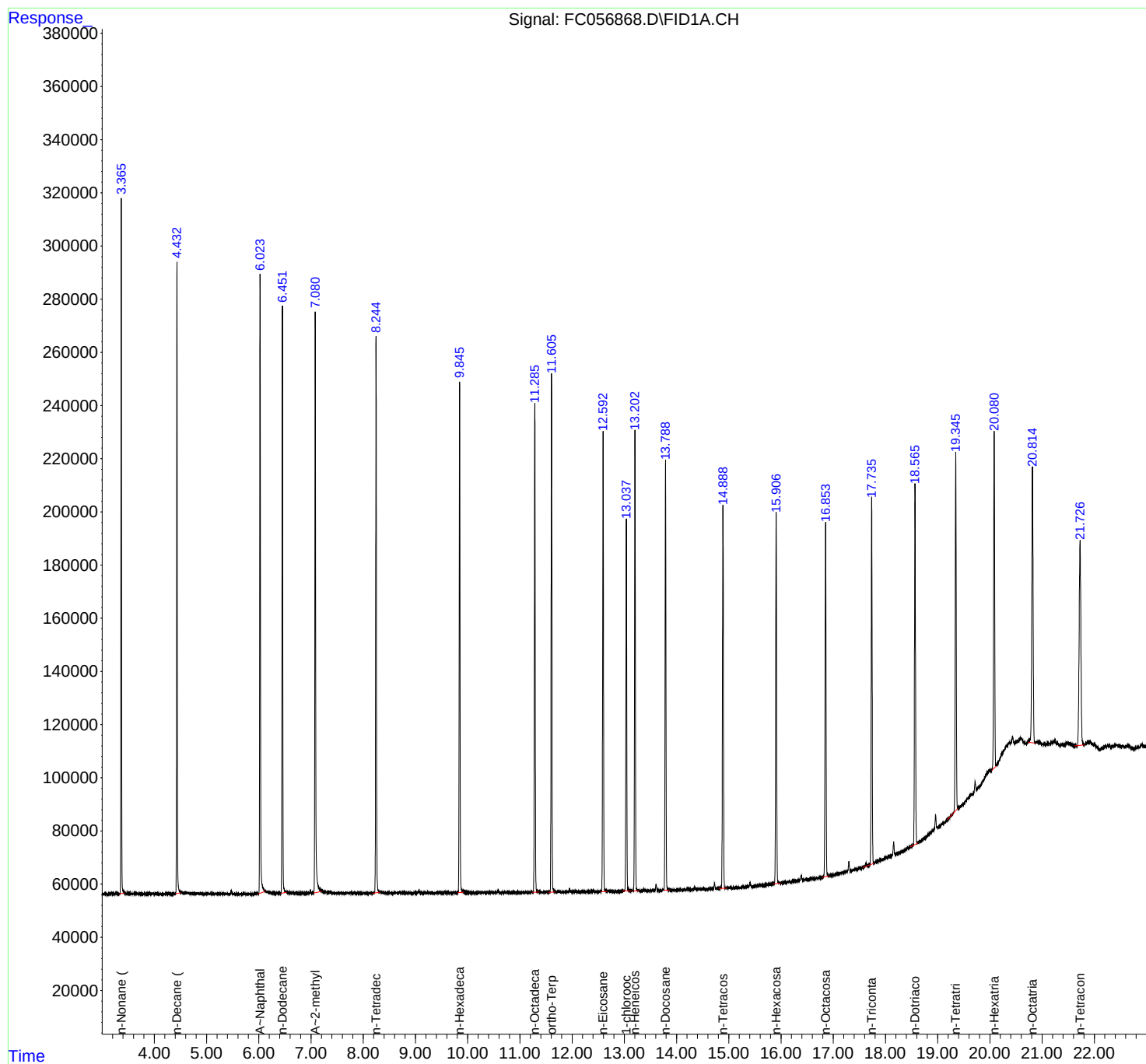
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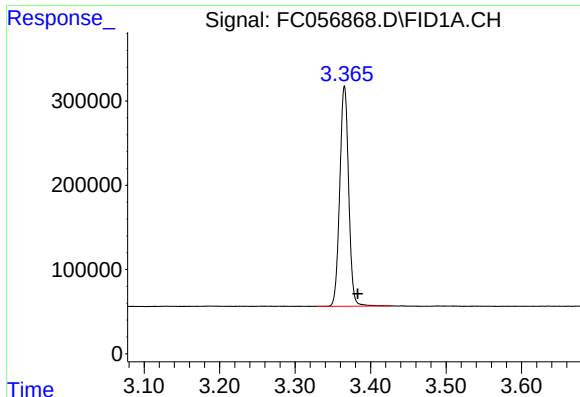
(m)=manual int.

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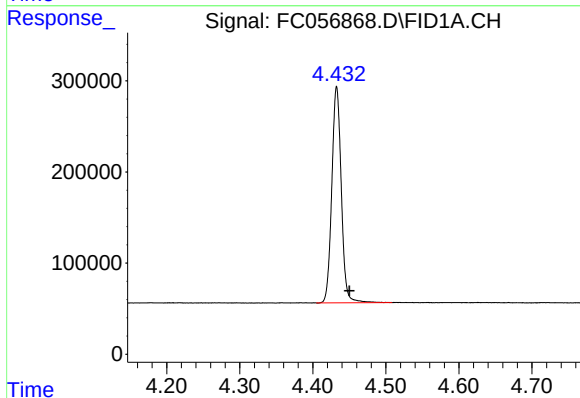
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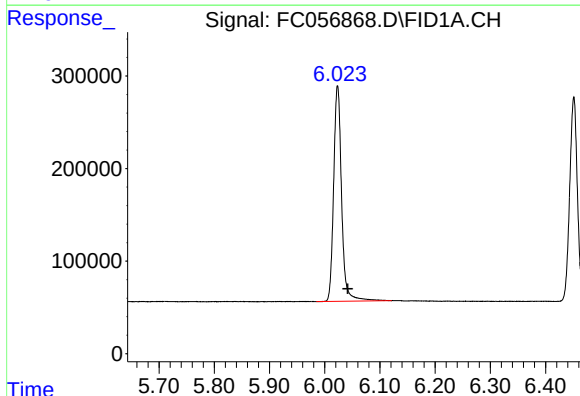
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.018 min
Response: 2144150
Conc: 19.81 ug/ml



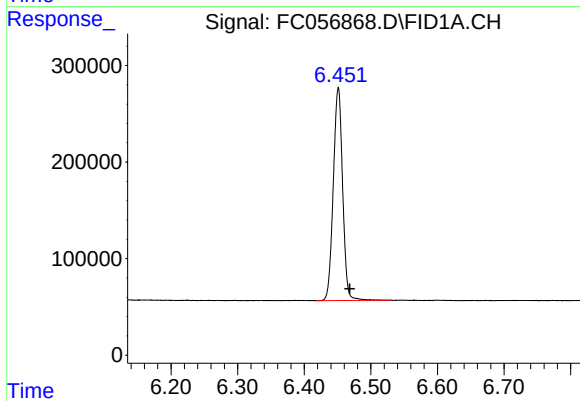
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.018 min
Response: 2134545
Conc: 19.82 ug/ml



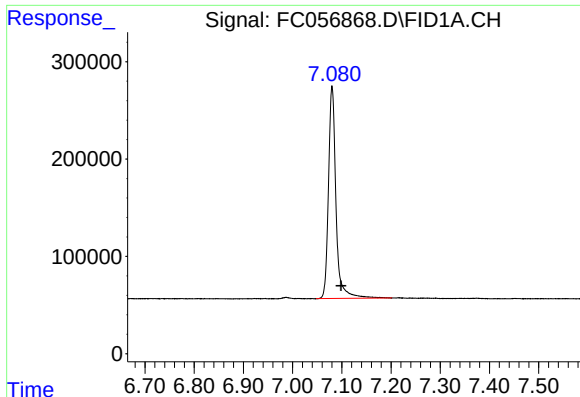
#3 A~Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.018 min
Response: 2333358
Conc: 19.14 ug/ml



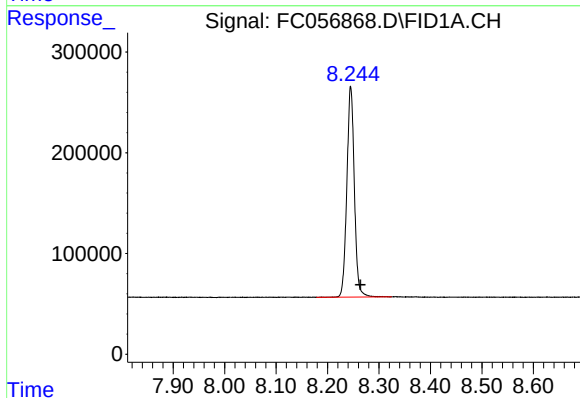
#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.018 min
Response: 2148816
Conc: 19.49 ug/ml



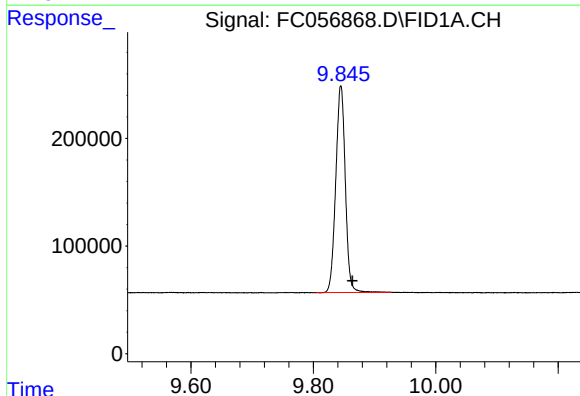
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: -0.018 min
Response: 2311631
Conc: 18.88 ug/ml



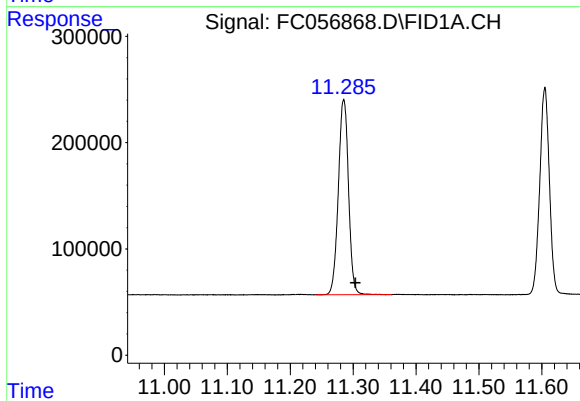
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.019 min
Response: 2119764
Conc: 18.88 ug/ml



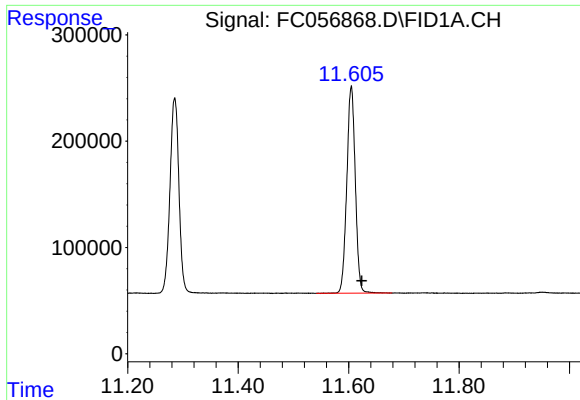
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.019 min
Response: 2085177
Conc: 18.34 ug/ml



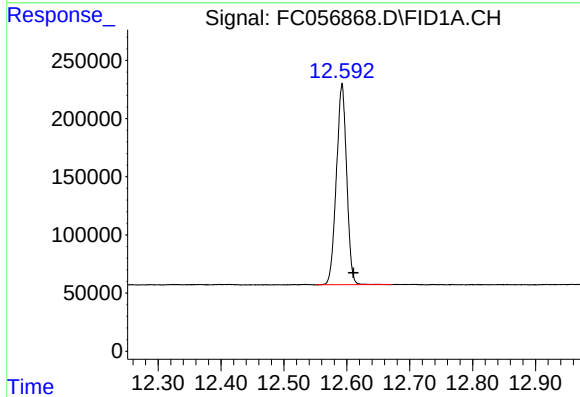
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: -0.018 min
Response: 2066190
Conc: 17.68 ug/ml



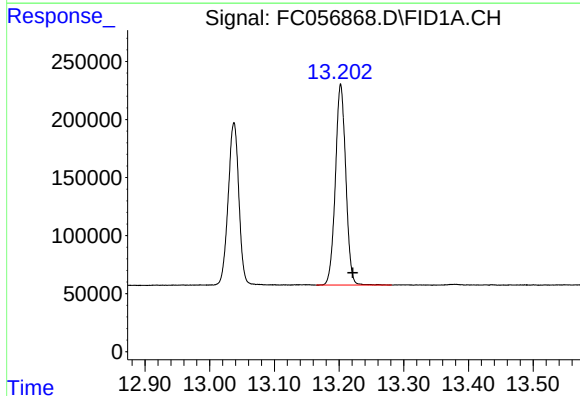
#9 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: -0.019 min
Response: 2086815
Conc: 16.85 ug/ml



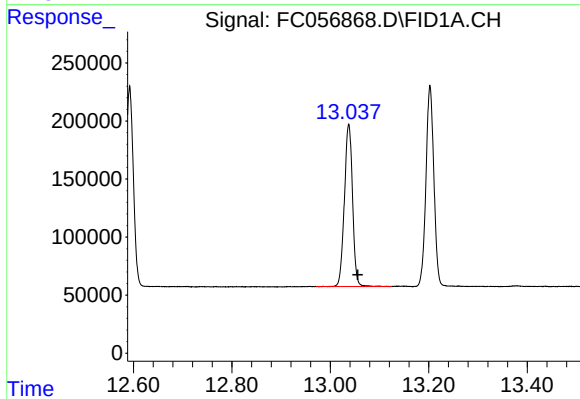
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: -0.018 min
Response: 1964252
Conc: 17.09 ug/ml



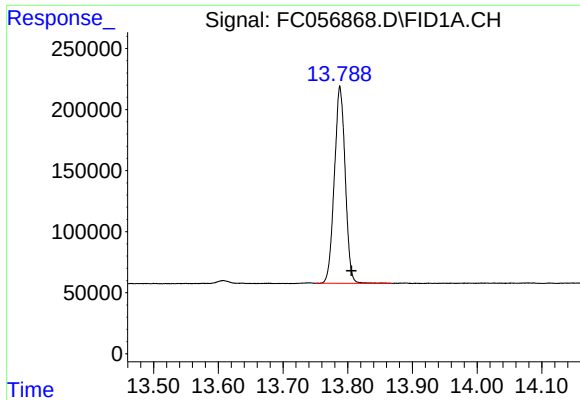
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.019 min
Response: 1932675
Conc: 16.82 ug/ml



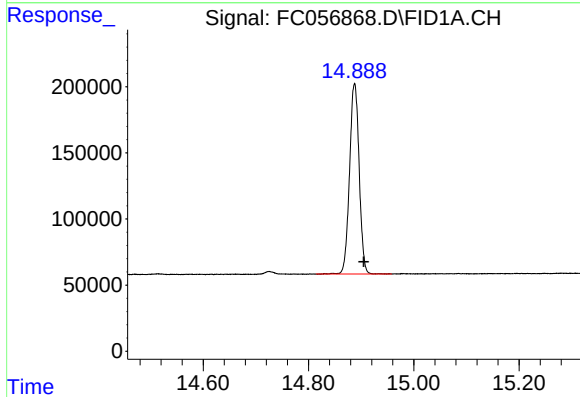
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.018 min
Response: 1604883
Conc: 16.68 ug/ml



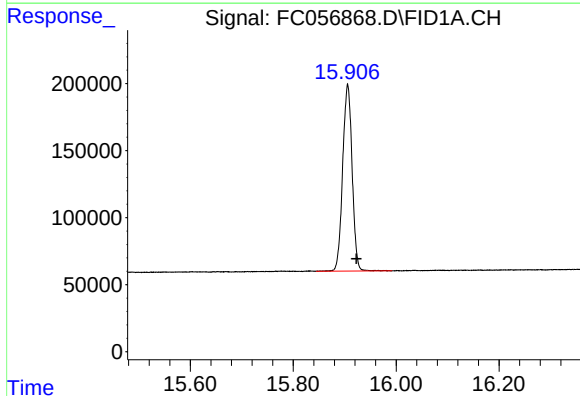
#13 n-Docosane (C22)

R.T.: 13.788 min
Delta R.T.: -0.017 min
Response: 1875672
Conc: 16.66 ug/ml



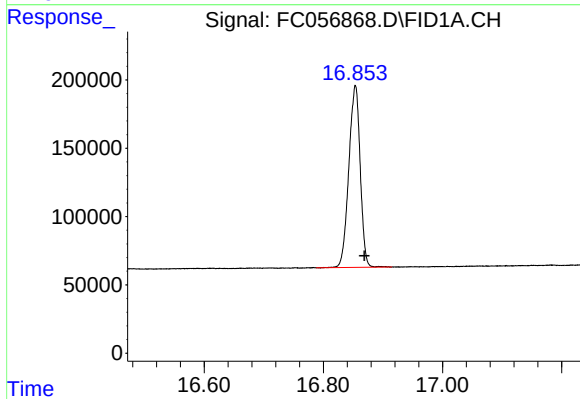
#14 n-Tetracosane (C24)

R.T.: 14.888 min
Delta R.T.: -0.017 min
Response: 1823094
Conc: 16.54 ug/ml



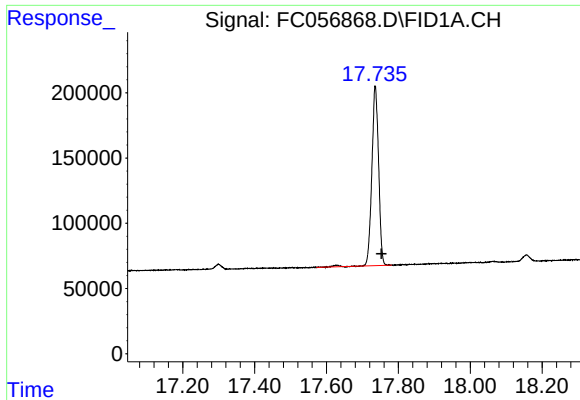
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.017 min
Response: 1776042
Conc: 16.83 ug/ml



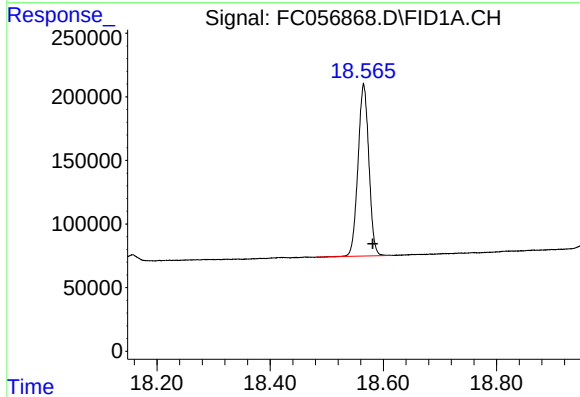
#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: -0.016 min
Response: 1765746
Conc: 17.02 ug/ml



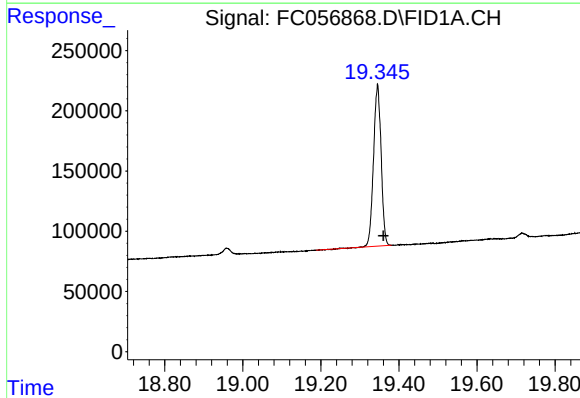
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.016 min
Response: 1793220
Conc: 17.31 ug/ml



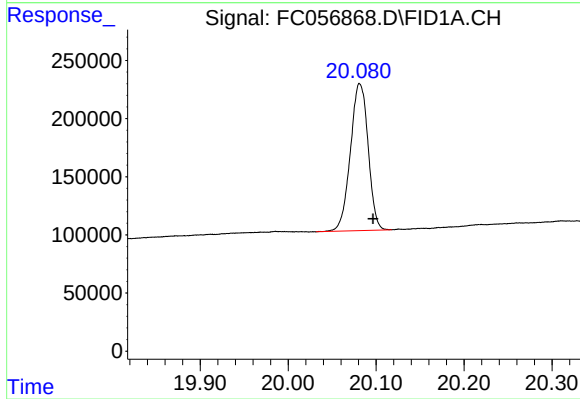
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.016 min
Response: 1793209
Conc: 18.72 ug/ml



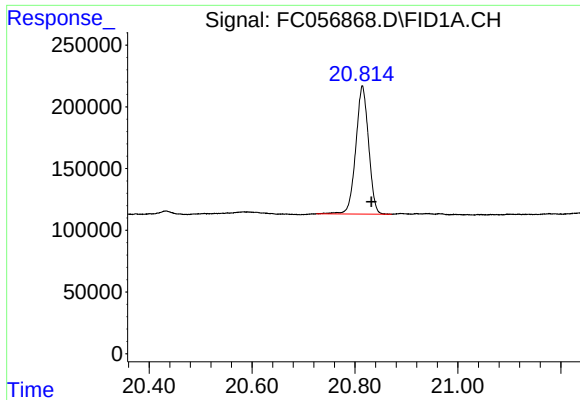
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.016 min
Response: 1810237
Conc: 20.64 ug/ml



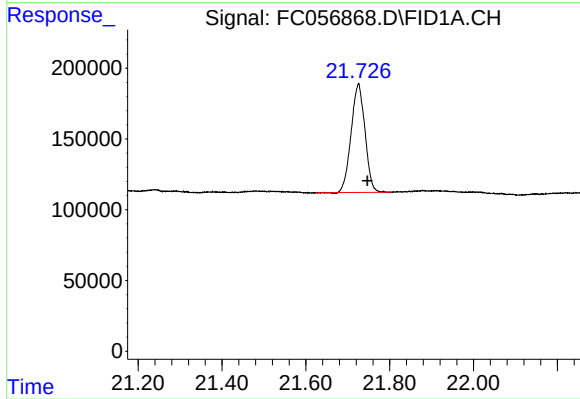
#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.016 min
Response: 1777039
Conc: 21.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: -0.018 min
Response: 1782067
Conc: 22.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: -0.022 min
Response: 1759018
Conc: 21.35 ug/ml