

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011922AL\
 Data File : FC058000.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2022 12:49
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 13:14:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.711	4054165	20.966 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
12) S 1-chlorooctadecane (S...	12.148	3081662	20.909 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T n-Nonane (C9)	2.635	3837807	24.000 ug/ml
2) T n-Decane (C10)	3.625	3891605	24.212 ug/ml
3) T A~Naphthalene (C11.7)	5.166	4324549	23.816 ug/ml
4) T n-Dodecane (C12)	5.598	3894131	24.145 ug/ml
5) T A~2-methylnaphthalene...	6.208	4316283	23.603 ug/ml
6) T n-Tetradecane (C14)	7.380	3927598	23.790 ug/ml
7) T n-Hexadecane (C16)	8.971	3859661	23.106 ug/ml
8) T n-Octadecane (C18)	10.406	3818501	22.189 ug/ml
10) T n-Eicosane (C20)	11.709	3639055	21.257 ug/ml
11) T n-Heneicosane (C21)	12.319	3604529	20.845 ug/ml
13) T n-Docosane (C22)	12.902	3510399	20.291 ug/ml
14) T n-Tetracosane (C24)	14.001	3410568	19.702 ug/ml
15) T n-Hexacosane (C26)	15.017	3272979	19.449 ug/ml
16) T n-Octacosane (C28)	15.964	3234791	19.767 ug/ml
17) T n-Tricontane (C30)	16.850	3213368	20.582 ug/ml
18) T n-Dotriacontane (C32)	17.681	2986673	21.421 ug/mlm
19) T n-Tetratriacontane (C34)	18.460	2712125	21.821 ug/ml
20) T n-Hexatriacontane (C36)	19.198	2305665	20.738 ug/ml
21) T n-Octatriacontane (C38)	19.904	1919786	18.404 ug/ml
22) T n-Tetracontane (C40)	20.737	1905413	19.899 ug/mlm

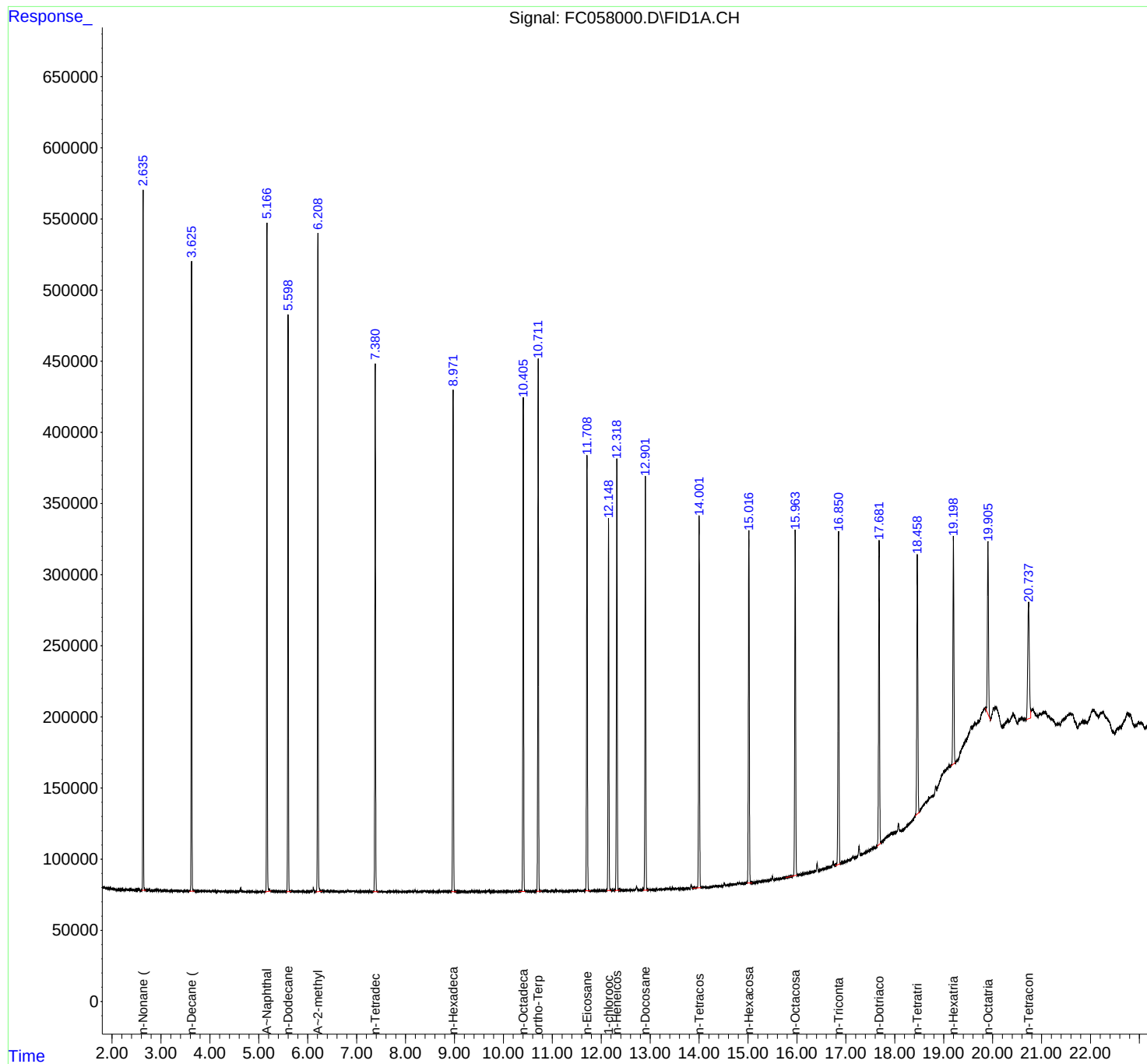
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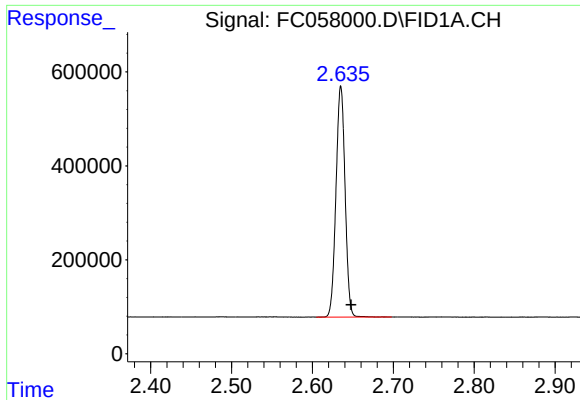
(m)=manual int.

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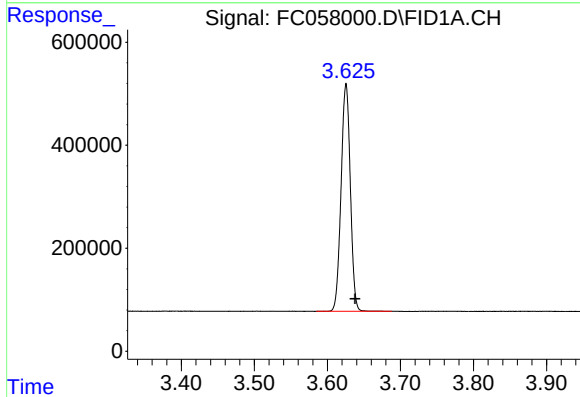
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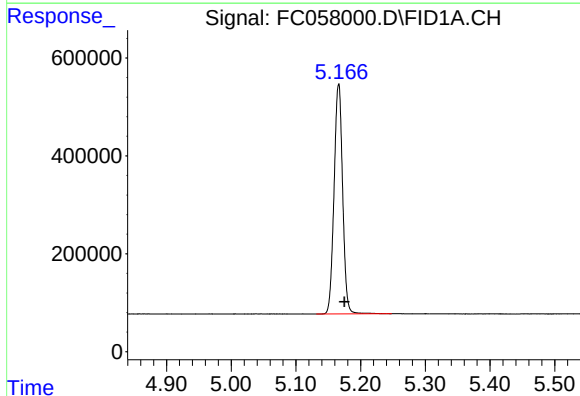
#1 n-Nonane (C9)

R.T.: 2.635 min
Delta R.T.: -0.013 min
Response: 3837807
Conc: 24.00 ug/ml



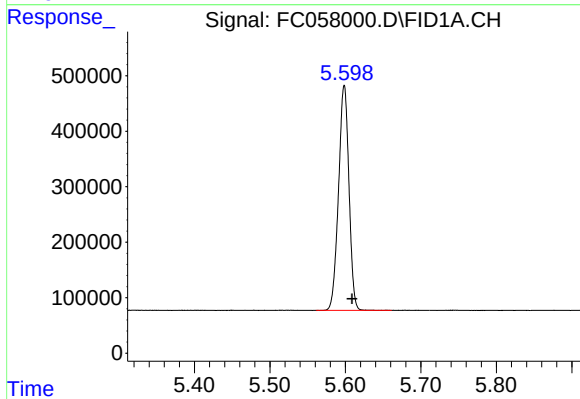
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.013 min
Response: 3891605
Conc: 24.21 ug/ml



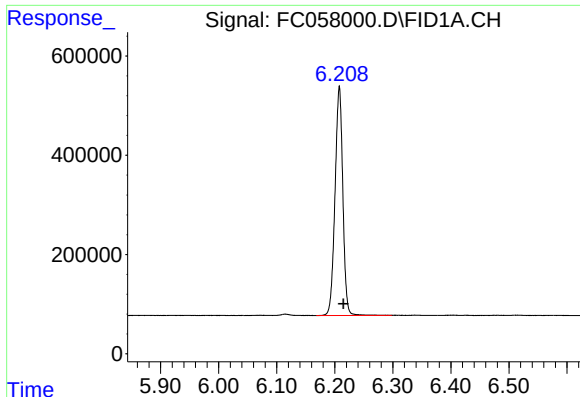
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.009 min
Response: 4324549
Conc: 23.82 ug/ml



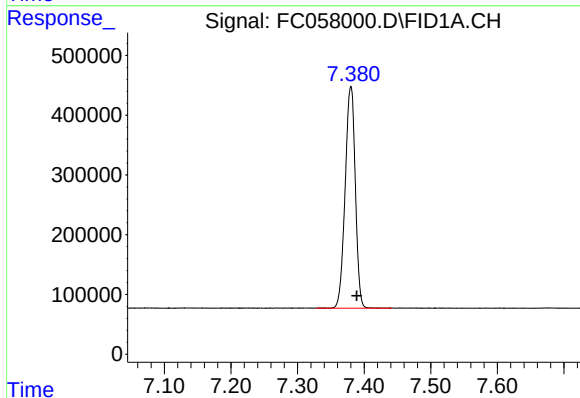
#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 3894131
Conc: 24.15 ug/ml



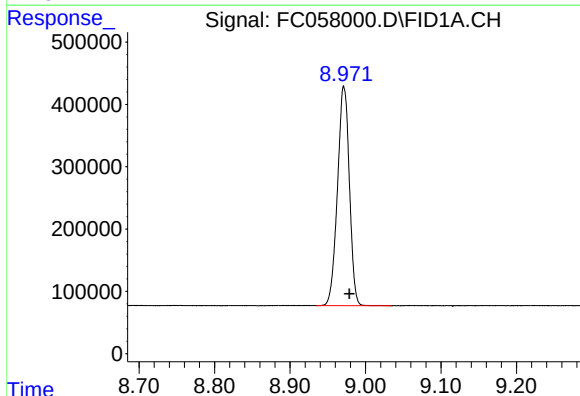
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 4316283
Conc: 23.60 ug/ml



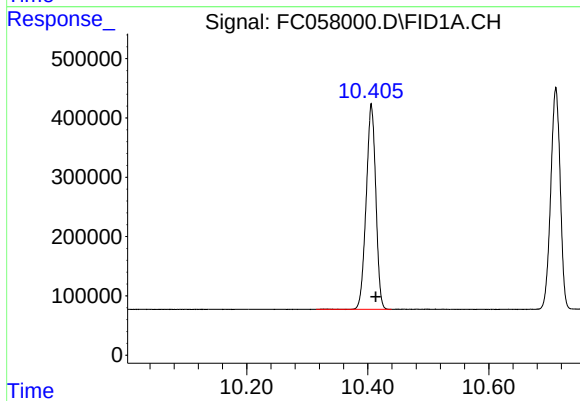
#6 n-Tetradecane (C14)

R.T.: 7.380 min
Delta R.T.: -0.009 min
Response: 3927598
Conc: 23.79 ug/ml



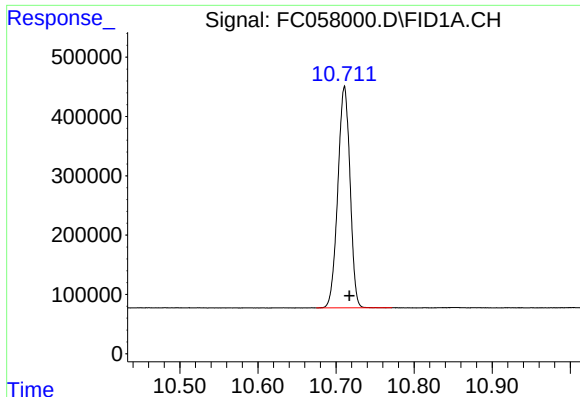
#7 n-Hexadecane (C16)

R.T.: 8.971 min
Delta R.T.: -0.008 min
Response: 3859661
Conc: 23.11 ug/ml



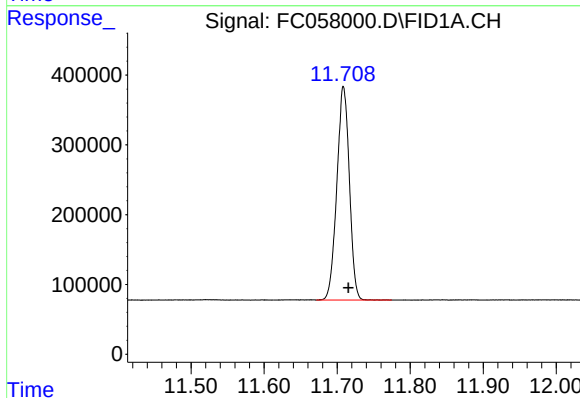
#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 3818501
Conc: 22.19 ug/ml



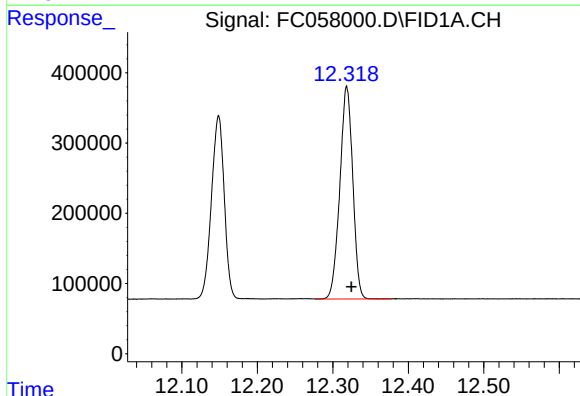
#9 ortho-Terphenyl (SURR)

R.T.: 10.711 min
Delta R.T.: -0.007 min
Response: 4054165
Conc: 20.97 ug/ml



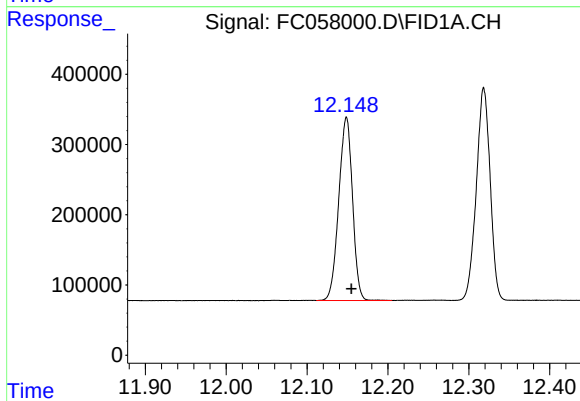
#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.007 min
Response: 3639055
Conc: 21.26 ug/ml



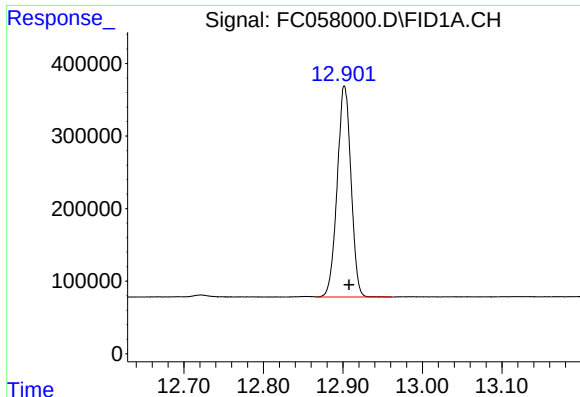
#11 n-Heneicosane (C21)

R.T.: 12.319 min
Delta R.T.: -0.006 min
Response: 3604529
Conc: 20.84 ug/ml



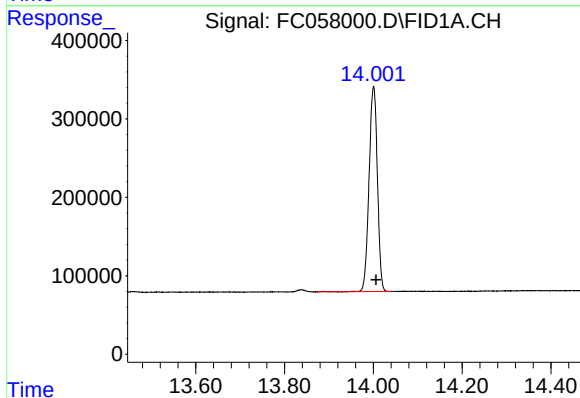
#12 1-chlorooctadecane (SURR)

R.T.: 12.148 min
Delta R.T.: -0.006 min
Response: 3081662
Conc: 20.91 ug/ml



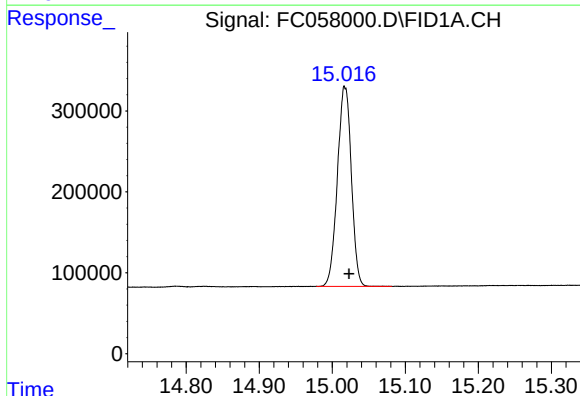
#13 n-Docosane (C22)

R.T.: 12.902 min
Delta R.T.: -0.006 min
Response: 3510399
Conc: 20.29 ug/ml



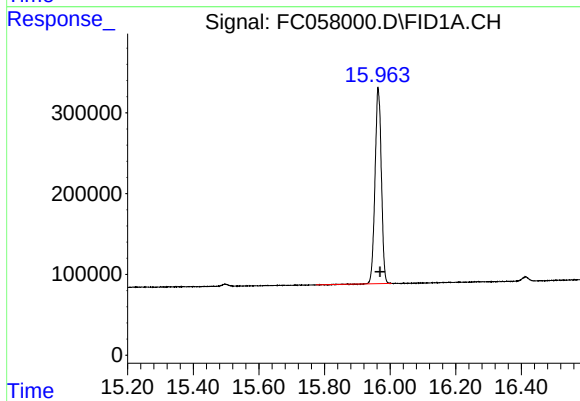
#14 n-Tetracosane (C24)

R.T.: 14.001 min
Delta R.T.: -0.006 min
Response: 3410568
Conc: 19.70 ug/ml



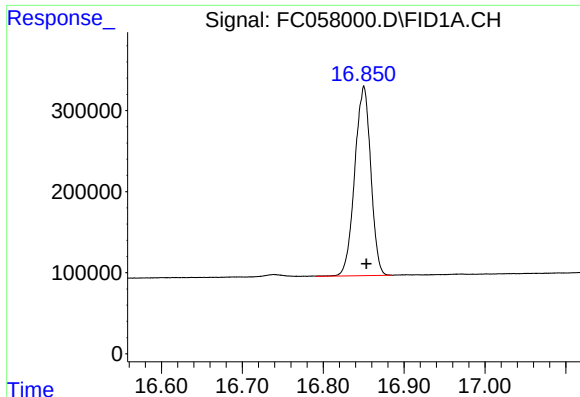
#15 n-Hexacosane (C26)

R.T.: 15.017 min
Delta R.T.: -0.006 min
Response: 3272979
Conc: 19.45 ug/ml



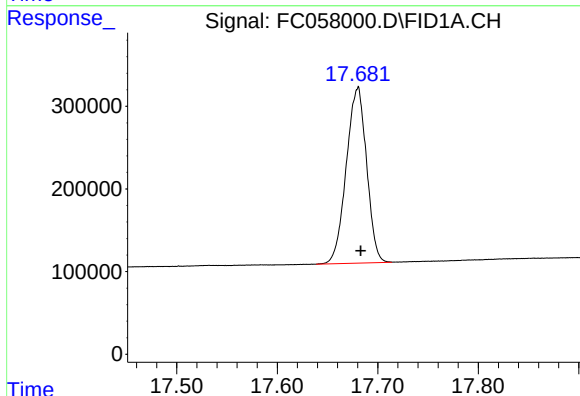
#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.006 min
Response: 3234791
Conc: 19.77 ug/ml



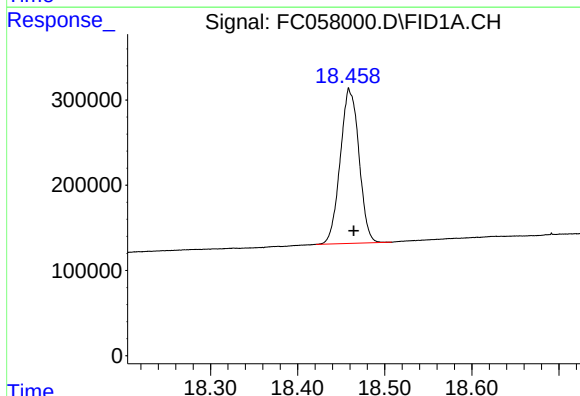
#17 n-Tricontane (C30)

R.T.: 16.850 min
Delta R.T.: -0.004 min
Response: 3213368
Conc: 20.58 ug/ml



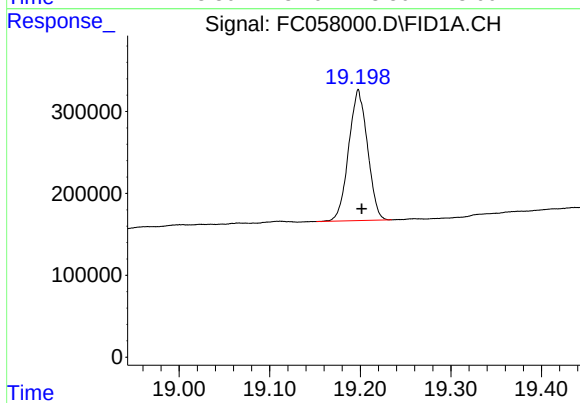
#18 n-Dotriacontane (C32)

R.T.: 17.681 min
Delta R.T.: -0.002 min
Response: 2986673
Conc: 21.42 ug/ml m



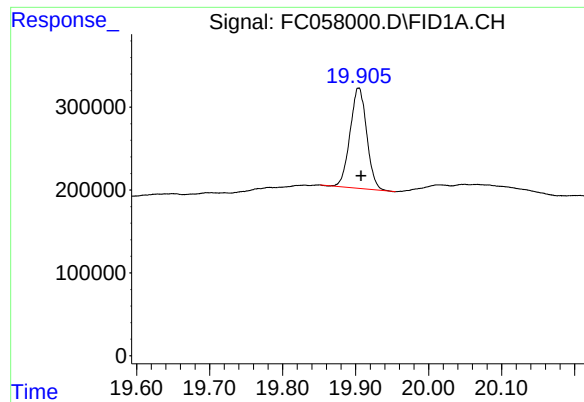
#19 n-Tetratriacontane (C34)

R.T.: 18.460 min
Delta R.T.: -0.004 min
Response: 2712125
Conc: 21.82 ug/ml



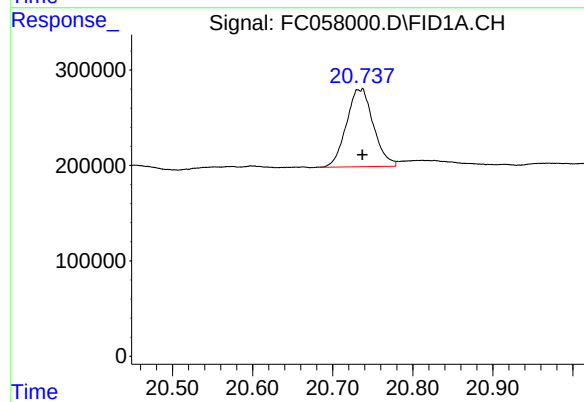
#20 n-Hexatriacontane (C36)

R.T.: 19.198 min
Delta R.T.: -0.004 min
Response: 2305665
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.904 min
Delta R.T.: -0.003 min
Response: 1919786
Conc: 18.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 1905413
Conc: 19.90 ug/ml m