

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111121AL\
 Data File : FC056747.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2021 4:25
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 12 05:59:10 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)	11.619	2160226	17.447 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
12) S 1-chlorooctadecane (S...	13.050	1666761	17.322 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
Target Compounds			
1) T n-Nonane (C9)	3.373	2187845	20.214 ug/ml
2) T n-Decane (C10)	4.441	2205464	20.474 ug/ml
3) T A~Naphthalene (C11.7)	6.034	2421291	19.860 ug/ml
4) T n-Dodecane (C12)	6.461	2222521	20.161 ug/ml
5) T A~2-methylnaphthalene...	7.092	2392763	19.539 ug/ml
6) T n-Tetradecane (C14)	8.256	2195859	19.559 ug/ml
7) T n-Hexadecane (C16)	9.856	2153475	18.942 ug/ml
8) T n-Octadecane (C18)	11.298	2138800	18.303 ug/ml
10) T n-Eicosane (C20)	12.605	2034446	17.702 ug/ml
11) T n-Heneicosane (C21)	13.216	2007905	17.472 ug/ml
13) T n-Docosane (C22)	13.800	1959809	17.407 ug/ml
14) T n-Tetracosane (C24)	14.900	1889570	17.146 ug/ml
15) T n-Hexacosane (C26)	15.919	1827803	17.318 ug/ml
16) T n-Octacosane (C28)	16.866	1807617	17.427 ug/ml
17) T n-Tricontane (C30)	17.750	1827648	17.640 ug/mlm
18) T n-Dotriacontane (C32)	18.579	1808161	18.873 ug/mlm
19) T n-Tetratriacontane (C34)	19.360	1879168	21.425 ug/mlm
20) T n-Hexatriacontane (C36)	20.095	1833305	22.398 ug/mlm
21) T n-Octatriacontane (C38)	20.830	1859906	23.256 ug/mlm
22) T n-Tetracontane (C40)	21.750	2024599	24.573 ug/mlm

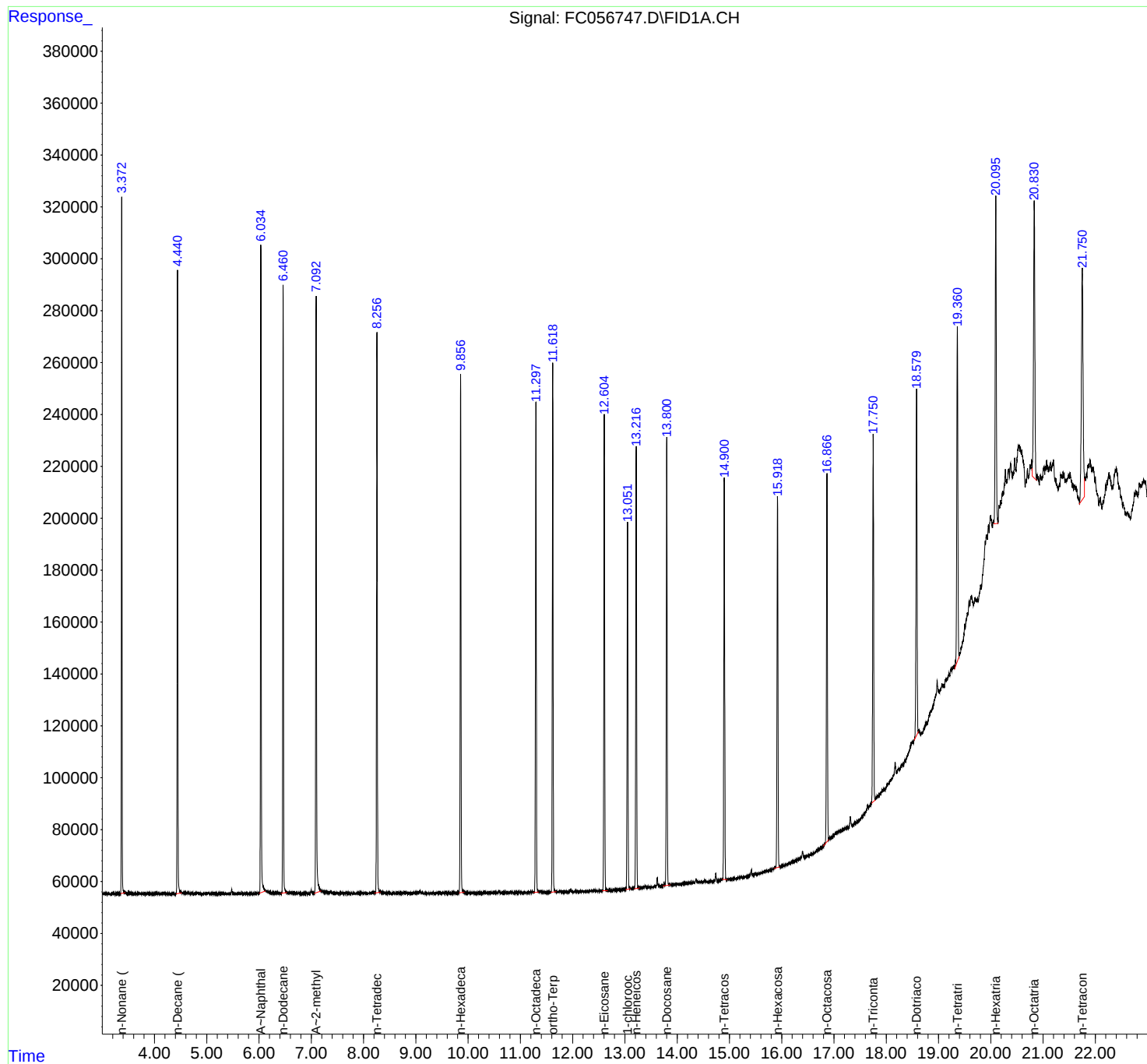
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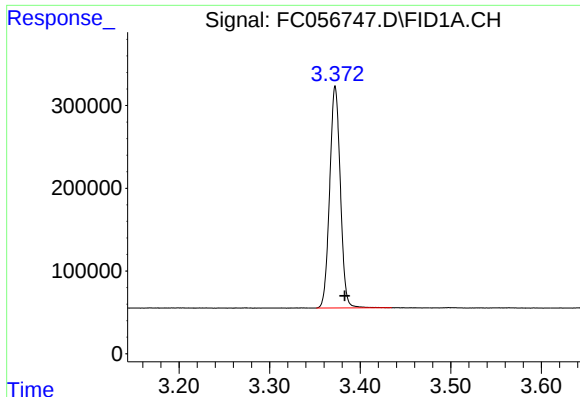
(m)=manual int.

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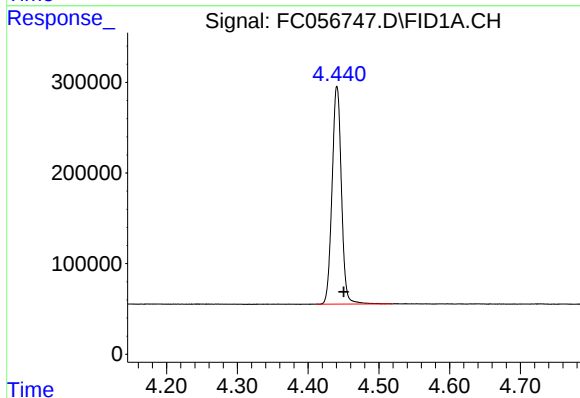
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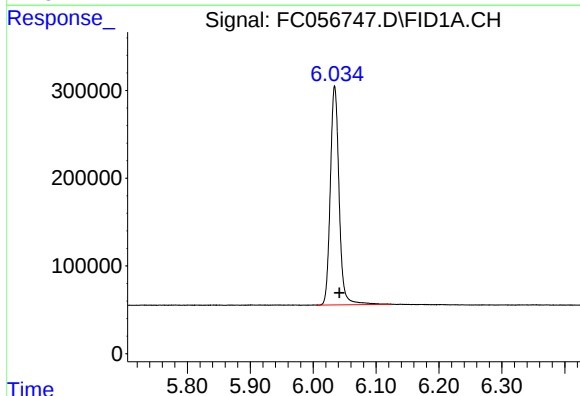
#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: -0.010 min
Response: 2187845
Conc: 20.21 ug/ml



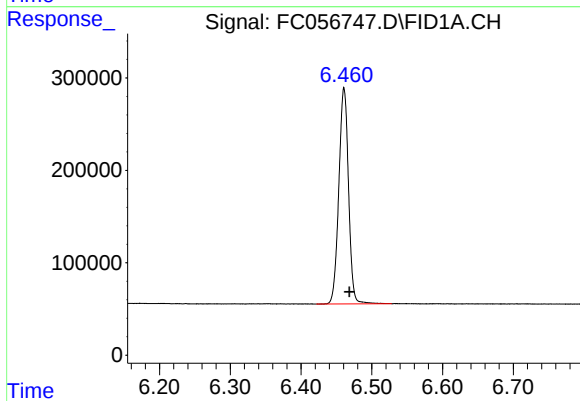
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: -0.009 min
Response: 2205464
Conc: 20.47 ug/ml



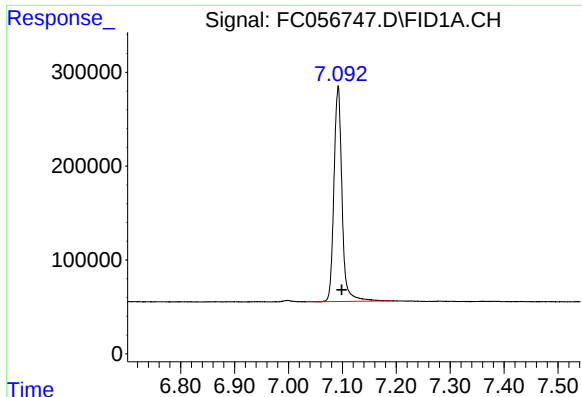
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.008 min
Response: 2421291
Conc: 19.86 ug/ml



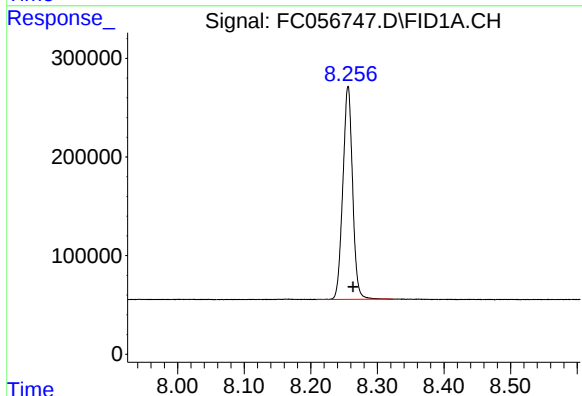
#4 n-Dodecane (C12)

R.T.: 6.461 min
Delta R.T.: -0.008 min
Response: 2222521
Conc: 20.16 ug/ml



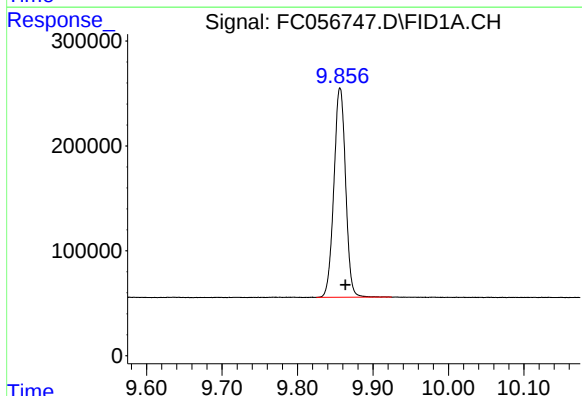
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.007 min
Response: 2392763
Conc: 19.54 ug/ml



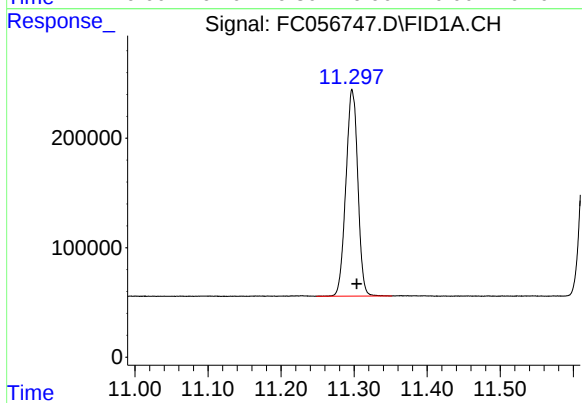
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.008 min
Response: 2195859
Conc: 19.56 ug/ml



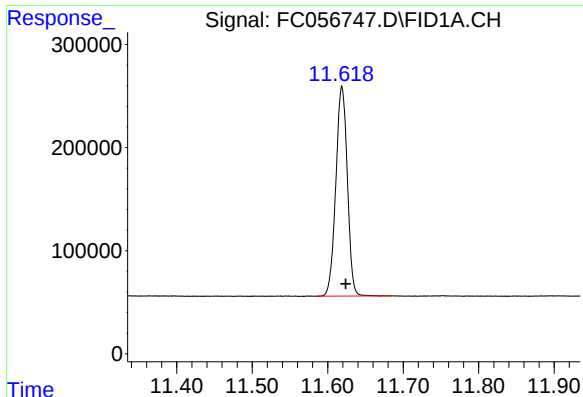
#7 n-Hexadecane (C16)

R.T.: 9.856 min
Delta R.T.: -0.007 min
Response: 2153475
Conc: 18.94 ug/ml



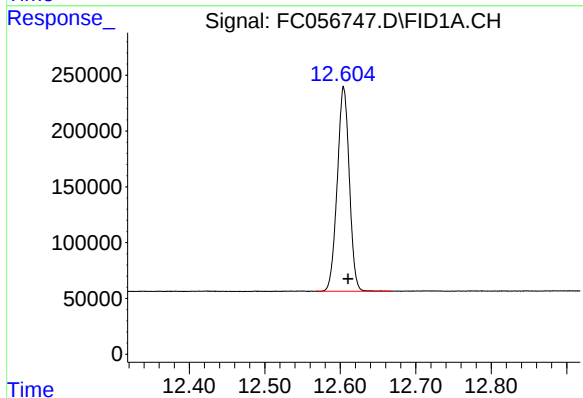
#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.006 min
Response: 2138800
Conc: 18.30 ug/ml



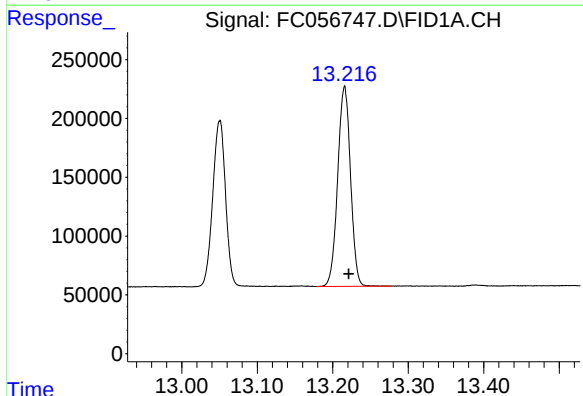
#9 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: -0.005 min
Response: 2160226
Conc: 17.45 ug/ml



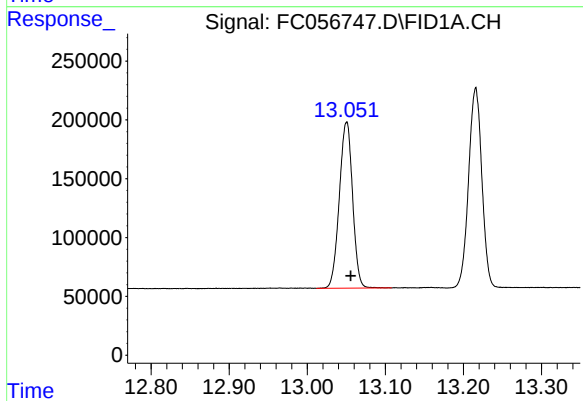
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.006 min
Response: 2034446
Conc: 17.70 ug/ml



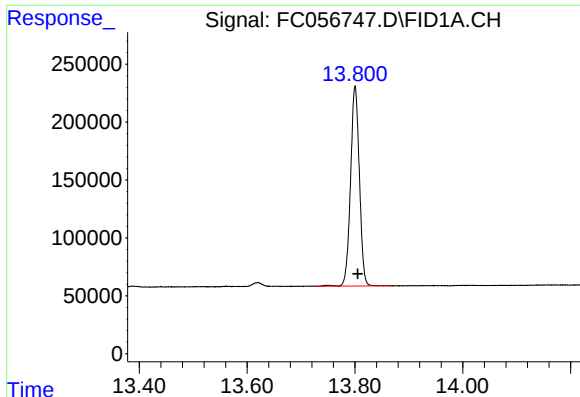
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.006 min
Response: 2007905
Conc: 17.47 ug/ml



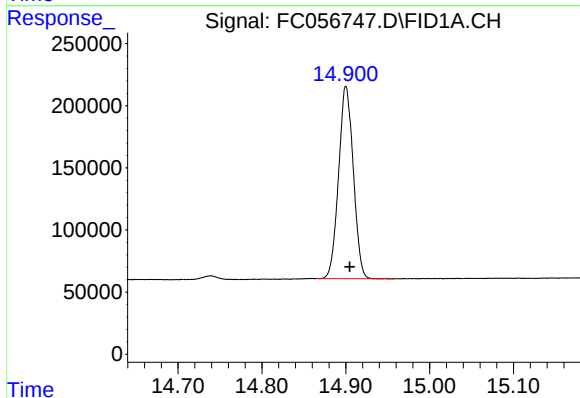
#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.005 min
Response: 1666761
Conc: 17.32 ug/ml



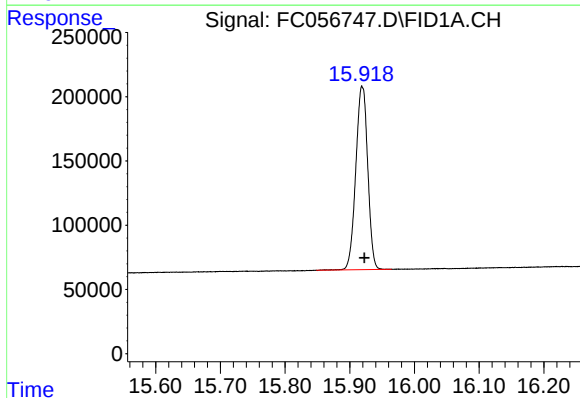
#13 n-Docosane (C22)

R.T.: 13.800 min
Delta R.T.: -0.005 min
Response: 1959809
Conc: 17.41 ug/ml



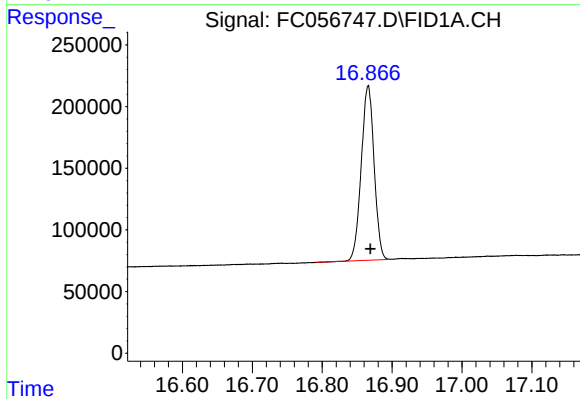
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: -0.004 min
Response: 1889570
Conc: 17.15 ug/ml



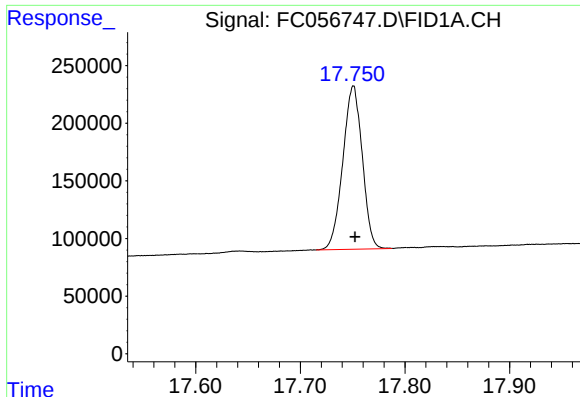
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: -0.004 min
Response: 1827803
Conc: 17.32 ug/ml



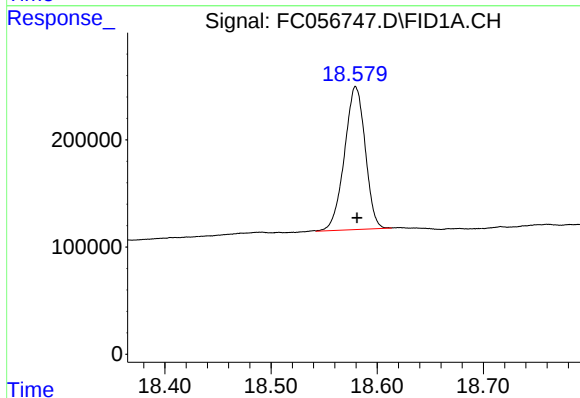
#16 n-Octacosane (C28)

R.T.: 16.866 min
Delta R.T.: -0.003 min
Response: 1807617
Conc: 17.43 ug/ml



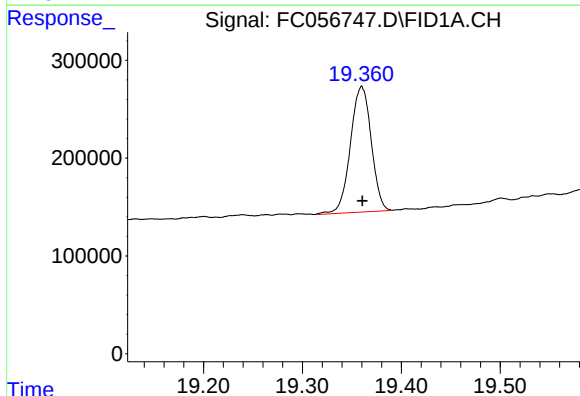
#17 n-Tricontane (C30)

R.T.: 17.750 min
Delta R.T.: -0.002 min
Response: 1827648
Conc: 17.64 ug/ml m



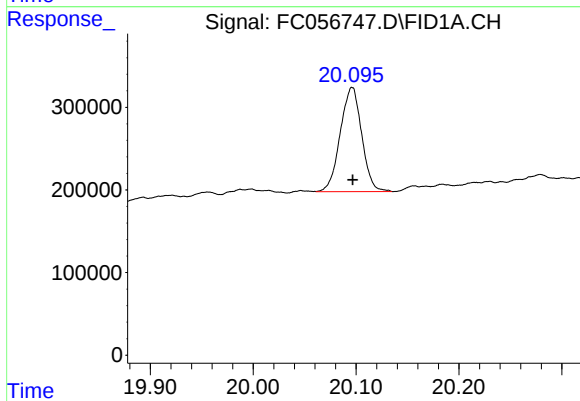
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.002 min
Response: 1808161
Conc: 18.87 ug/ml m



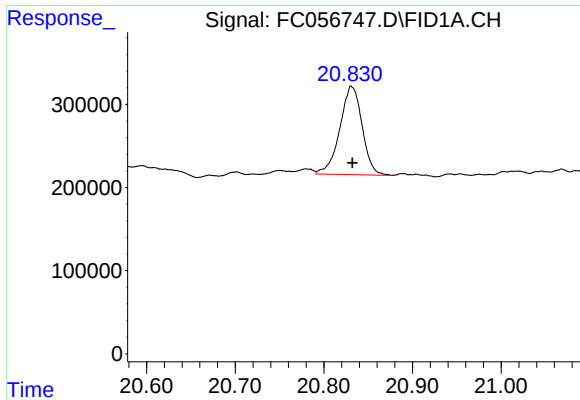
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min
Delta R.T.: 0.000 min
Response: 1879168
Conc: 21.42 ug/ml m



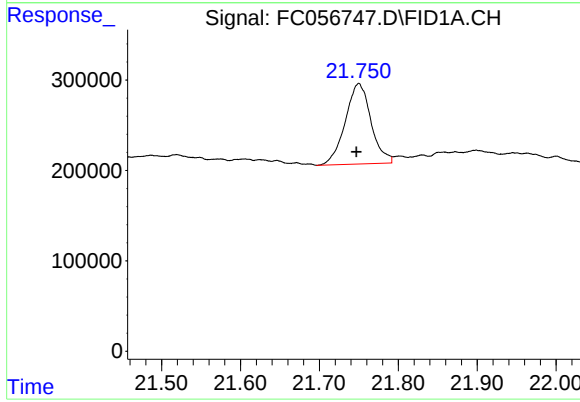
#20 n-Hexatriacontane (C36)

R.T.: 20.095 min
Delta R.T.: -0.001 min
Response: 1833305
Conc: 22.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: -0.002 min
Response: 1859906
Conc: 23.26 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: 0.003 min
Response: 2024599
Conc: 24.57 ug/ml m