

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040722AL\
 Data File : FC059161.D
 Signal(s) : FID1A.CH
 Acq On : 09 Apr 2022 6:28
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 09 06:56:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.100	2437921	16.920 ug/ml
Spiked Amount 50.000		Recovery =	33.84%
12) S 1-chlorooctadecane (S...	12.547	1924191	17.166 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
Target Compounds			
1) T n-Nonane (C9)	2.962	2126689	17.354 ug/ml
2) T n-Decane (C10)	4.004	2167896	17.691 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2190096	17.443 ug/ml
4) T n-Dodecane (C12)	6.002	2271420	17.783 ug/ml
5) T A~2-methylnaphthalene...	6.602	2190501	17.087 ug/ml
6) T n-Tetradecane (C14)	7.784	2294742	17.649 ug/ml
7) T n-Hexadecane (C16)	9.375	2300930	17.327 ug/ml
8) T n-Octadecane (C18)	10.807	2290541	17.228 ug/ml
10) T n-Eicosane (C20)	12.110	2248948	17.164 ug/ml
11) T n-Heneicosane (C21)	12.718	2218495	17.003 ug/ml
13) T n-Docosane (C22)	13.301	2213537	17.087 ug/mlm
14) T n-Tetracosane (C24)	14.397	2219903	17.573 ug/mlm
15) T n-Hexacosane (C26)	15.415	2209465	18.291 ug/ml
16) T n-Octacosane (C28)	16.362	2306653	19.480 ug/ml
17) T n-Tricontane (C30)	17.246	2439238	21.382 ug/ml
18) T n-Dotriacontane (C32)	18.077	2398329	22.387 ug/ml
19) T n-Tetratriacontane (C34)	18.857	2177245	21.549 ug/ml
20) T n-Hexatriacontane (C36)	19.594	1948214	20.390 ug/ml
21) T n-Octatriacontane (C38)	20.292	1827139	19.856 ug/ml
22) T n-Tetracontane (C40)	21.035	1773146	19.079 ug/ml

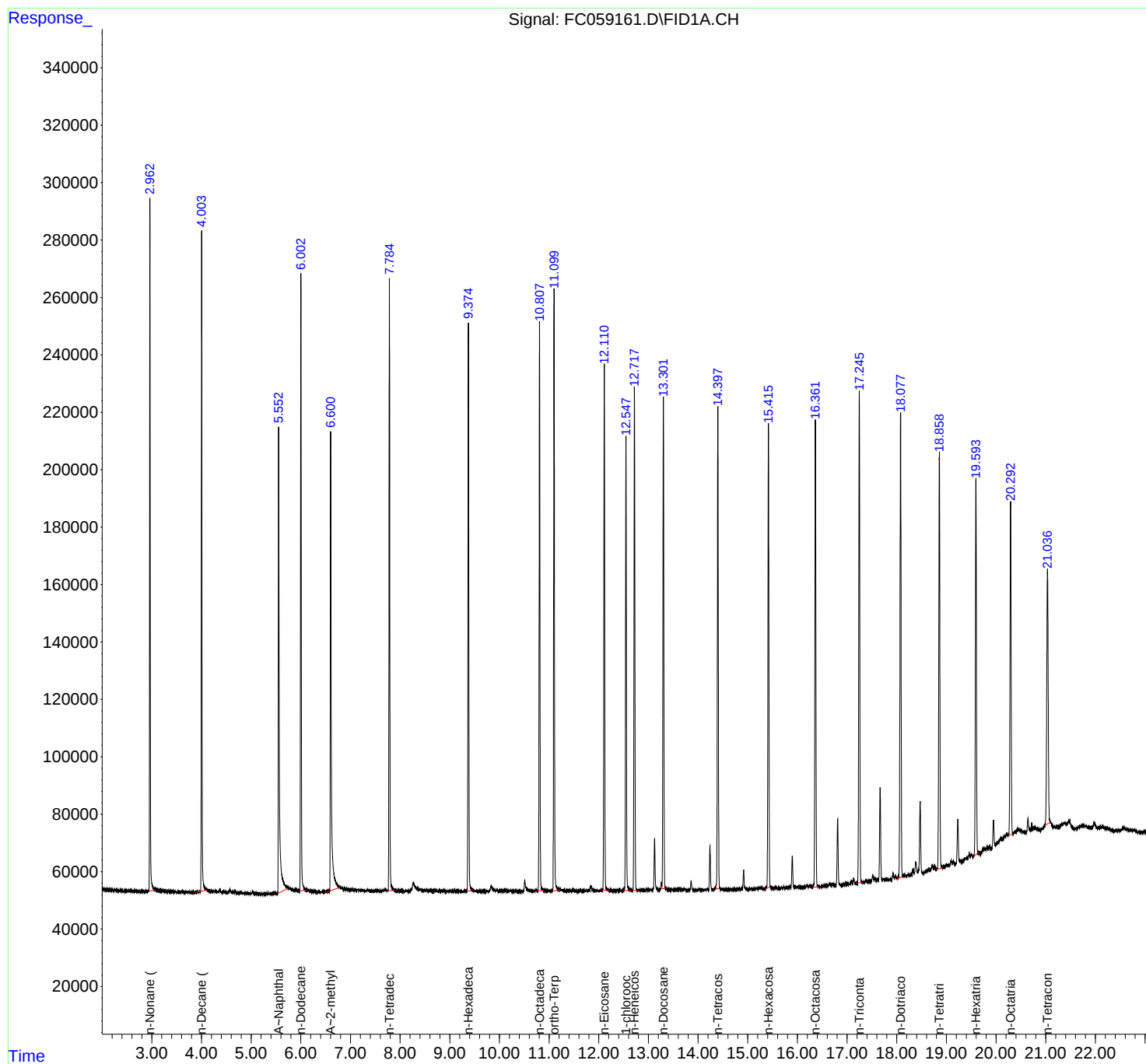
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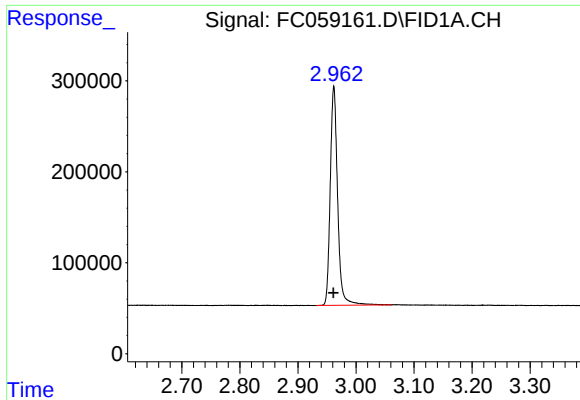
(m)=manual int.

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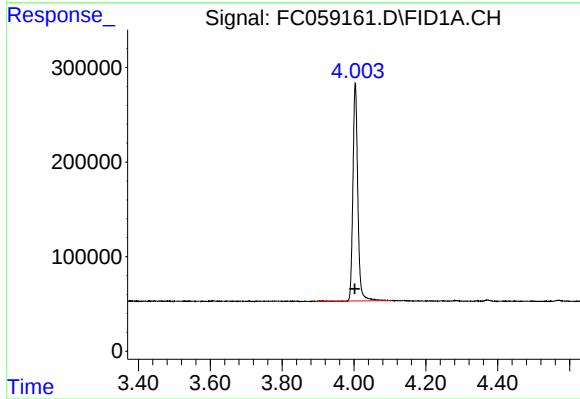
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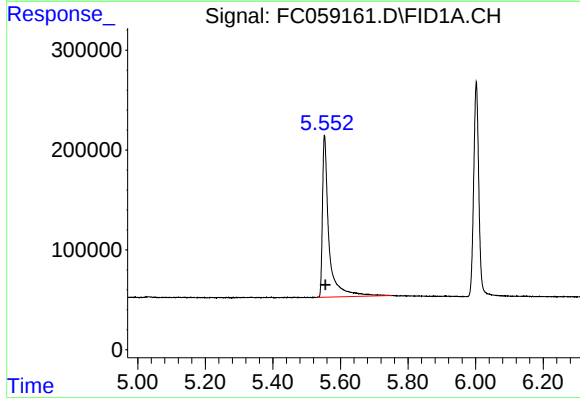
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: 0.000 min
Response: 2126689
Conc: 17.35 ug/ml



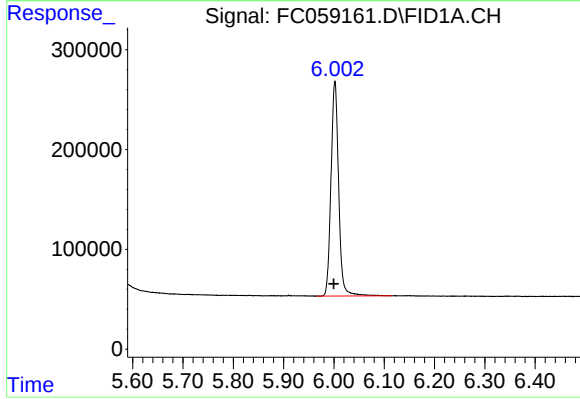
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 2167896
Conc: 17.69 ug/ml



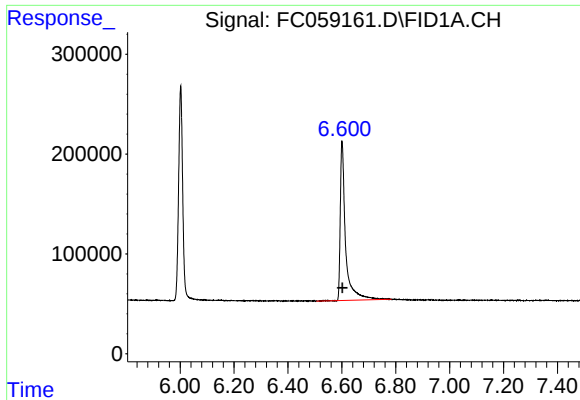
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 2190096
Conc: 17.44 ug/ml



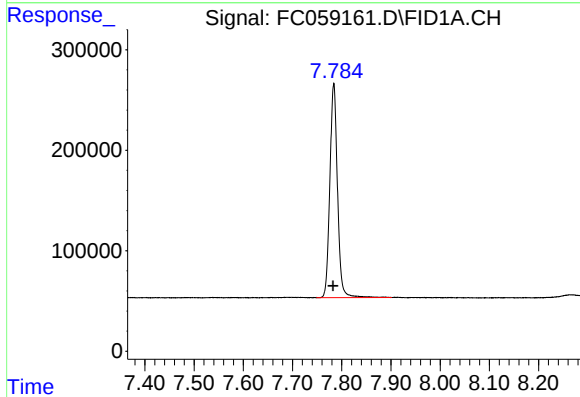
#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 2271420
Conc: 17.78 ug/ml



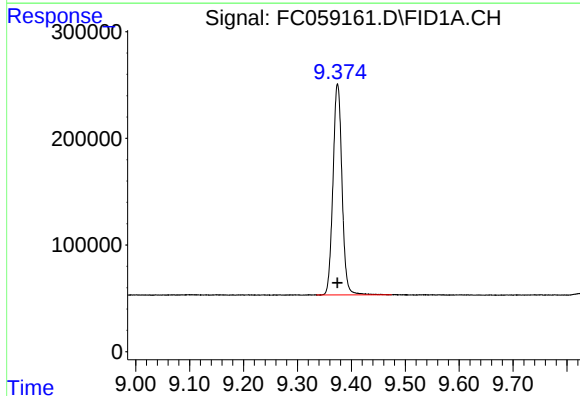
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 2190501
Conc: 17.09 ug/ml



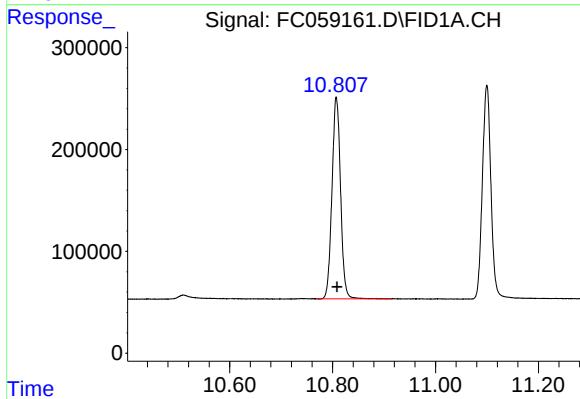
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.001 min
Response: 2294742
Conc: 17.65 ug/ml



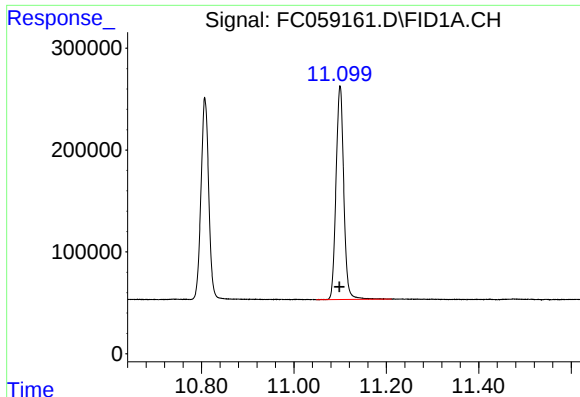
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 2300930
Conc: 17.33 ug/ml



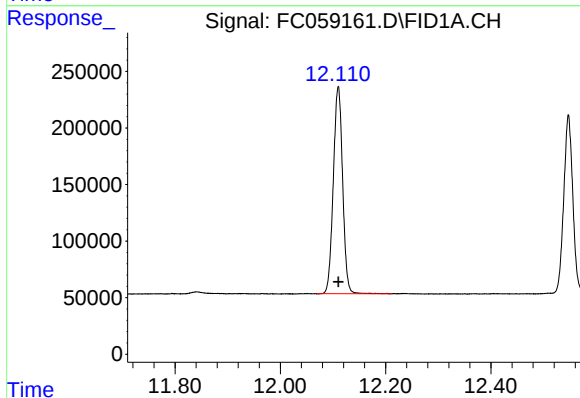
#8 n-Octadecane (C18)

R.T.: 10.807 min
Delta R.T.: -0.001 min
Response: 2290541
Conc: 17.23 ug/ml



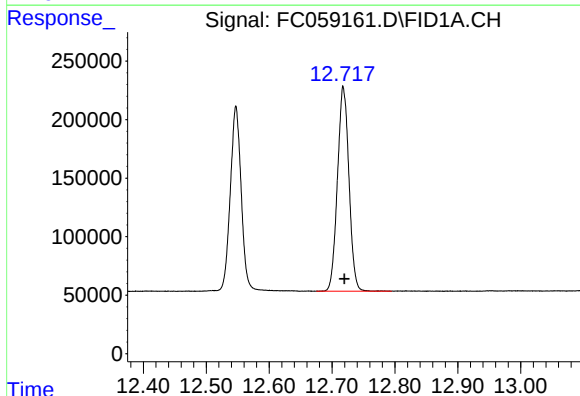
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.000 min
Response: 2437921
Conc: 16.92 ug/ml



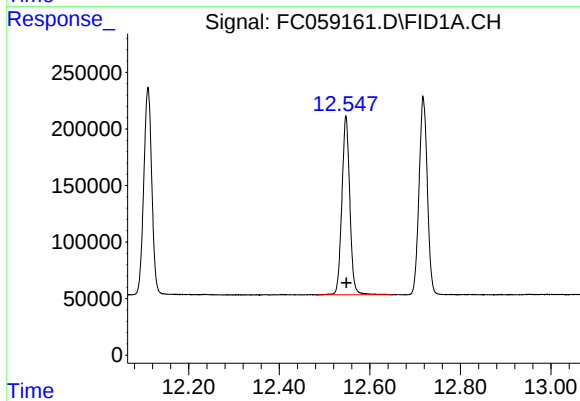
#10 n-Eicosane (C20)

R.T.: 12.110 min
Delta R.T.: 0.000 min
Response: 2248948
Conc: 17.16 ug/ml



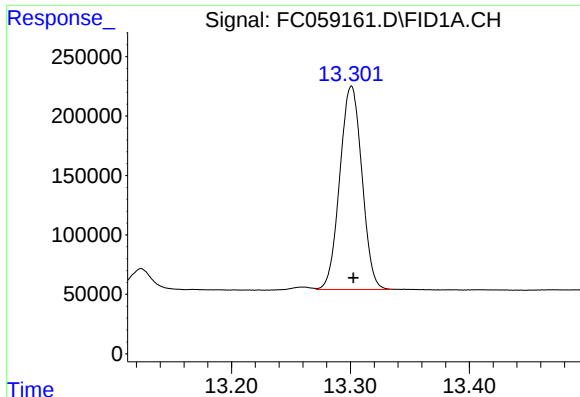
#11 n-Heneicosane (C21)

R.T.: 12.718 min
Delta R.T.: -0.001 min
Response: 2218495
Conc: 17.00 ug/ml



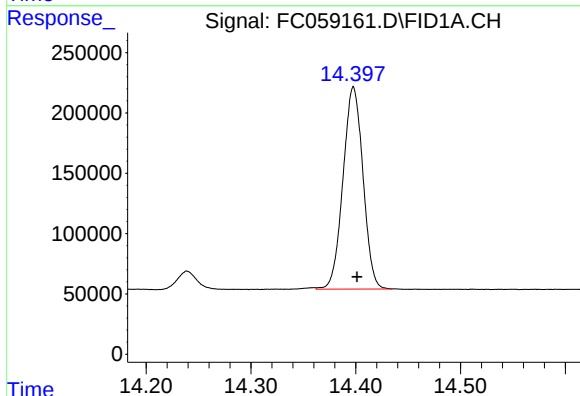
#12 1-chlorooctadecane (SURR)

R.T.: 12.547 min
Delta R.T.: -0.001 min
Response: 1924191
Conc: 17.17 ug/ml



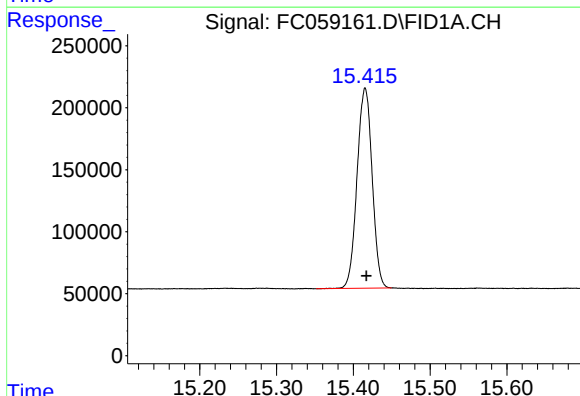
#13 n-Docosane (C22)

R.T.: 13.301 min
Delta R.T.: -0.002 min
Response: 2213537
Conc: 17.09 ug/ml m



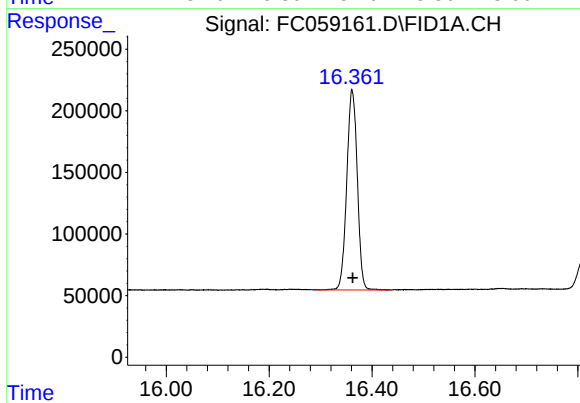
#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: -0.004 min
Response: 2219903
Conc: 17.57 ug/ml m



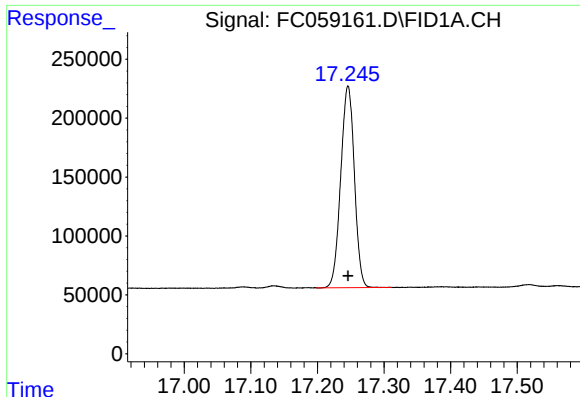
#15 n-Hexacosane (C26)

R.T.: 15.415 min
Delta R.T.: -0.002 min
Response: 2209465
Conc: 18.29 ug/ml



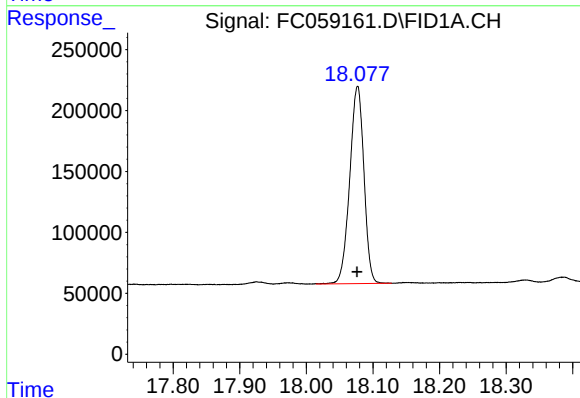
#16 n-Octacosane (C28)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2306653
Conc: 19.48 ug/ml



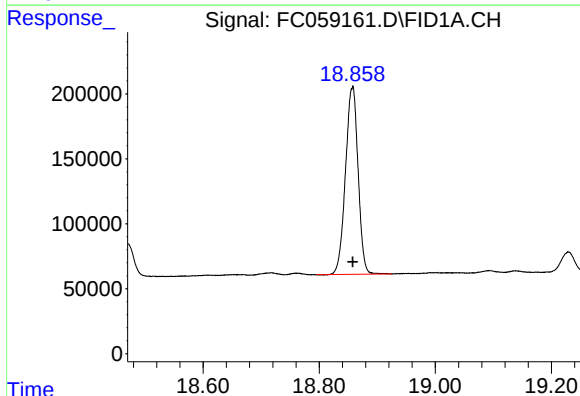
#17 n-Tricontane (C30)

R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2439238
Conc: 21.38 ug/ml



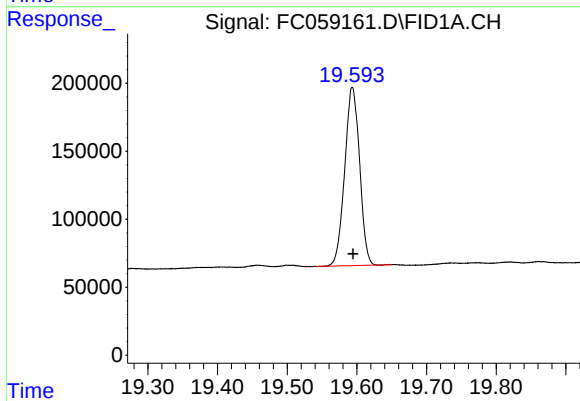
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2398329
Conc: 22.39 ug/ml



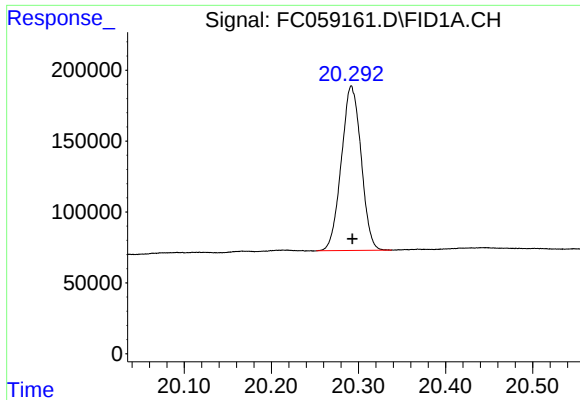
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: -0.001 min
Response: 2177245
Conc: 21.55 ug/ml



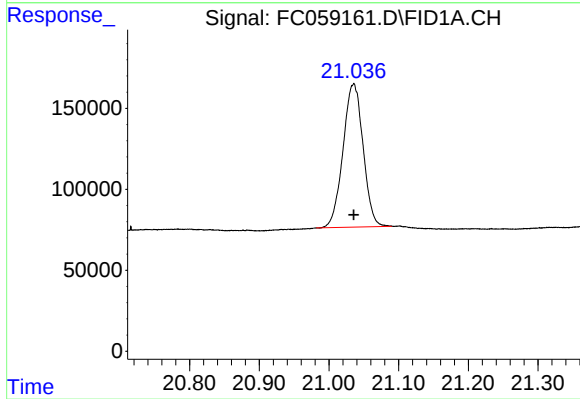
#20 n-Hexatriacontane (C36)

R.T.: 19.594 min
Delta R.T.: -0.001 min
Response: 1948214
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: 0.000 min
Response: 1827139
Conc: 19.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: 0.000 min
Response: 1773146
Conc: 19.08 ug/ml