

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042922AL\
 Data File : FC059540.D
 Signal(s) : FID1A.CH
 Acq On : 29 Apr 2022 12:59
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 23:04:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.092	3080953	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	12.538	2408970	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	2.958	2627640	20.966 ug/ml
2) T n-Decane (C10)	3.998	2642558	21.152 ug/ml
3) T A~Naphthalene (C11.7)	5.548	2750593	22.423 ug/ml
4) T n-Dodecane (C12)	5.995	2811504	21.321 ug/ml
5) T A~2-methylnaphthalene...	6.595	2727887	21.615 ug/ml
6) T n-Tetradecane (C14)	7.776	2862660	21.164 ug/ml
7) T n-Hexadecane (C16)	9.367	2917087	20.771 ug/ml
8) T n-Octadecane (C18)	10.799	2933955	20.085 ug/ml
10) T n-Eicosane (C20)	12.101	2856838	19.049 ug/ml
11) T n-Heneicosane (C21)	12.709	2824815	18.571 ug/ml
13) T n-Docosane (C22)	13.292	2801739	18.285 ug/ml
14) T n-Tetracosane (C24)	14.390	2685039	17.341 ug/ml
15) T n-Hexacosane (C26)	15.406	2553280	16.567 ug/ml
16) T n-Octacosane (C28)	16.351	2509900	16.213 ug/ml
17) T n-Tricontane (C30)	17.234	2498273	16.448 ug/ml
18) T n-Dotriacontane (C32)	18.064	2389100	16.956 ug/ml
19) T n-Tetratriacontane (C34)	18.843	2174292	17.203 ug/ml
20) T n-Hexatriacontane (C36)	19.580	1950327	17.831 ug/ml
21) T n-Octatriacontane (C38)	20.279	1693555	18.184 ug/ml
22) T n-Tetracontane (C40)	21.019	1657122	19.839 ug/ml

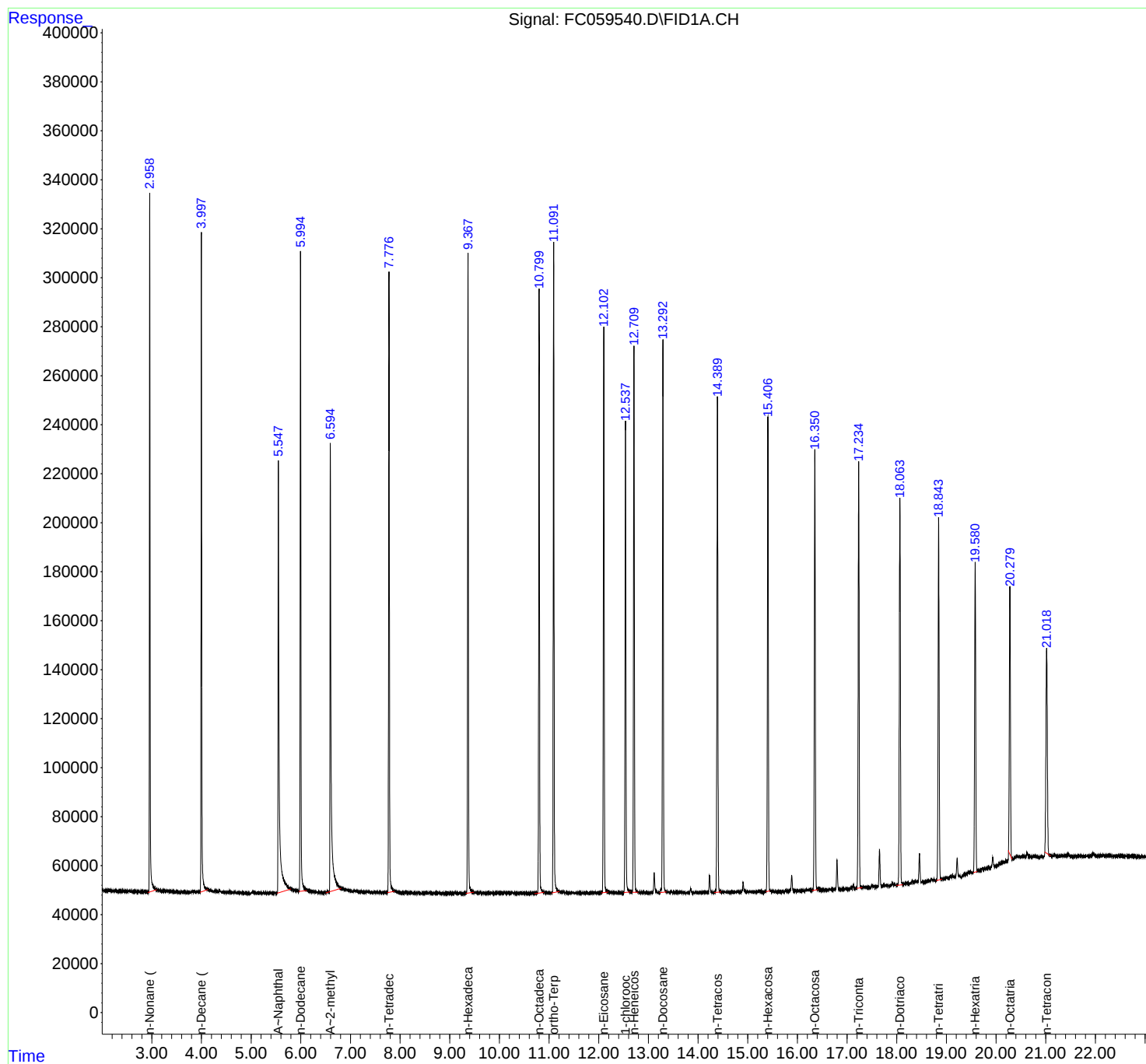
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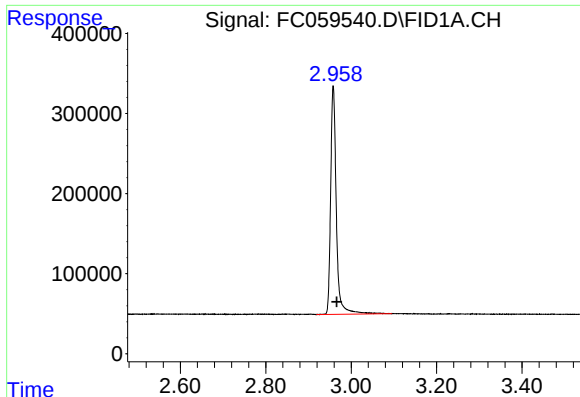
(m)=manual int.

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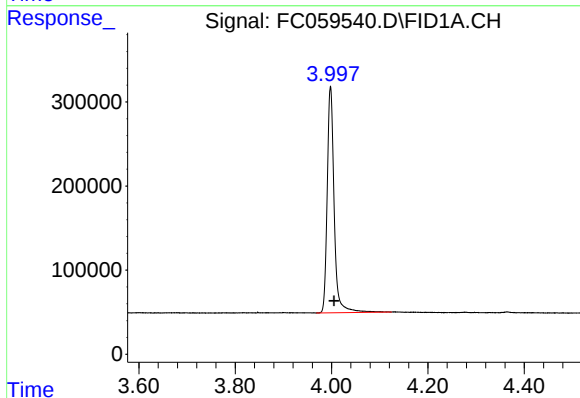
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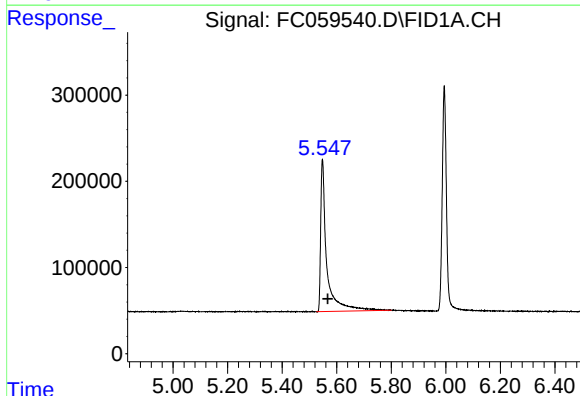
#1 n-Nonane (C9)

R.T.: 2.958 min
Delta R.T.: -0.008 min
Response: 2627640
Conc: 20.97 ug/ml



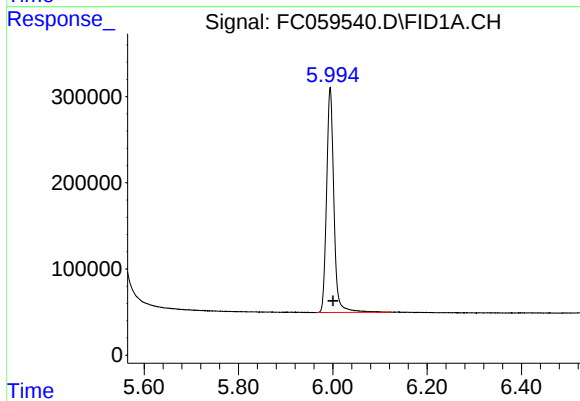
#2 n-Decane (C10)

R.T.: 3.998 min
Delta R.T.: -0.007 min
Response: 2642558
Conc: 21.15 ug/ml



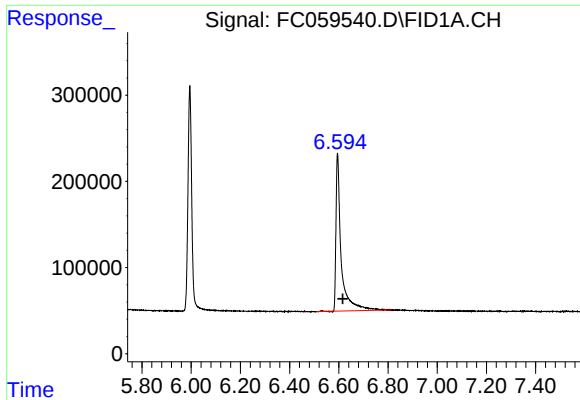
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min
Delta R.T.: -0.019 min
Response: 2750593
Conc: 22.42 ug/ml



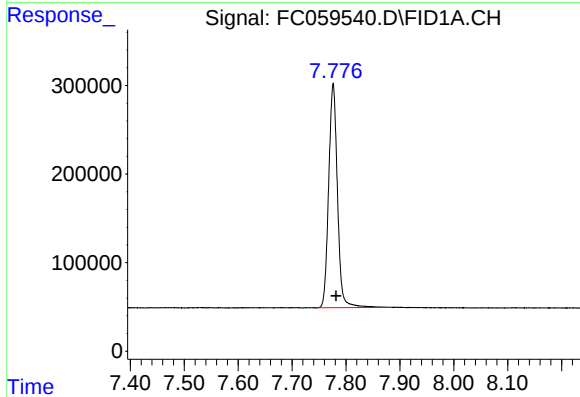
#4 n-Dodecane (C12)

R.T.: 5.995 min
Delta R.T.: -0.006 min
Response: 2811504
Conc: 21.32 ug/ml



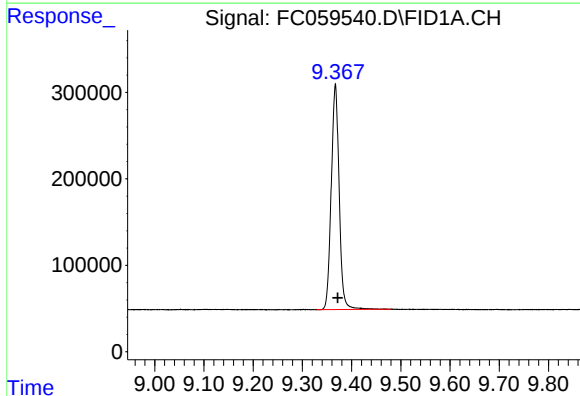
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.595 min
Delta R.T.: -0.020 min
Response: 2727887
Conc: 21.61 ug/ml



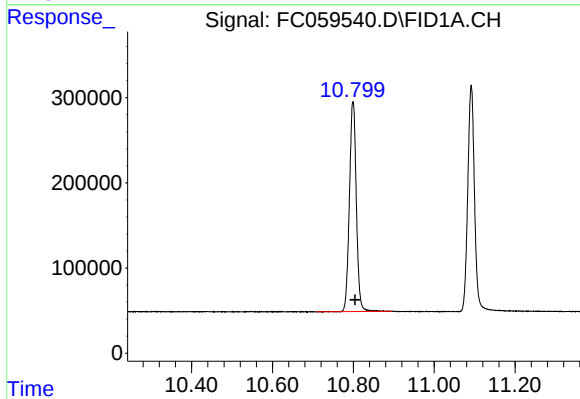
#6 n-Tetradecane (C14)

R.T.: 7.776 min
Delta R.T.: -0.006 min
Response: 2862660
Conc: 21.16 ug/ml



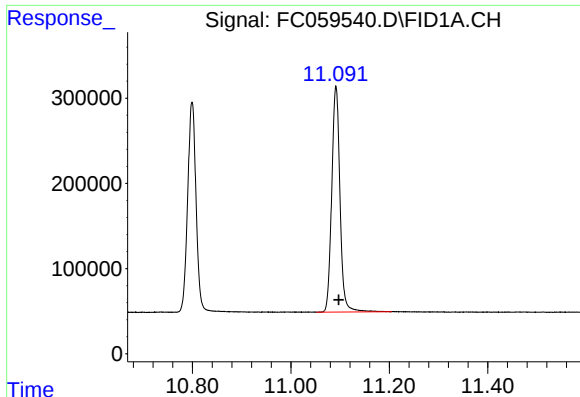
#7 n-Hexadecane (C16)

R.T.: 9.367 min
Delta R.T.: -0.005 min
Response: 2917087
Conc: 20.77 ug/ml



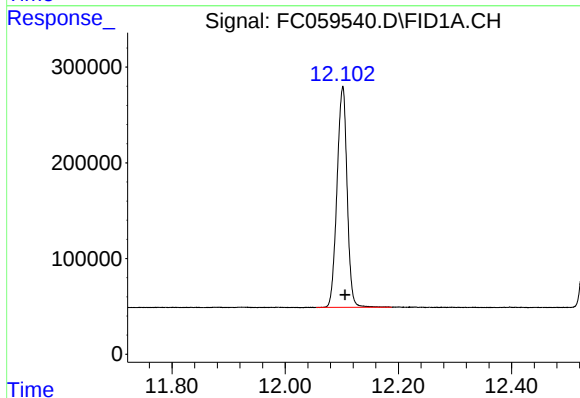
#8 n-Octadecane (C18)

R.T.: 10.799 min
Delta R.T.: -0.005 min
Response: 2933955
Conc: 20.09 ug/ml



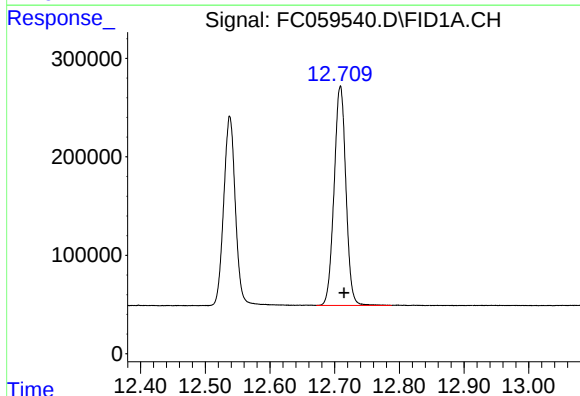
#9 ortho-Terphenyl (SURR)

R.T.: 11.092 min
Delta R.T.: -0.006 min
Response: 3080953
Conc: 19.17 ug/ml



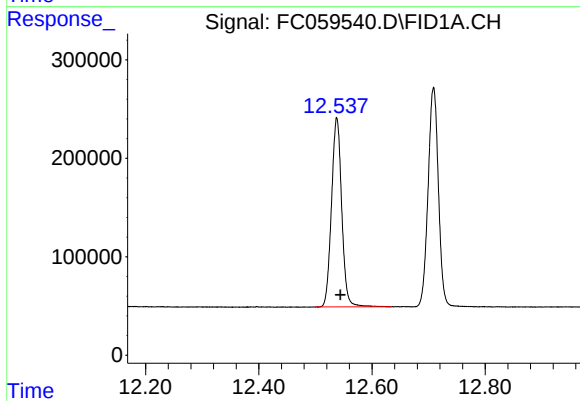
#10 n-Eicosane (C20)

R.T.: 12.101 min
Delta R.T.: -0.004 min
Response: 2856838
Conc: 19.05 ug/ml



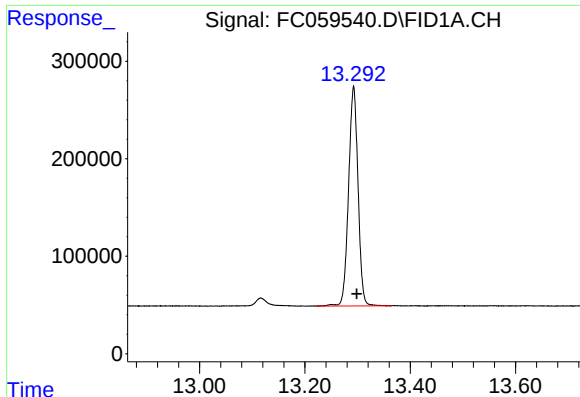
#11 n-Heneicosane (C21)

R.T.: 12.709 min
Delta R.T.: -0.006 min
Response: 2824815
Conc: 18.57 ug/ml



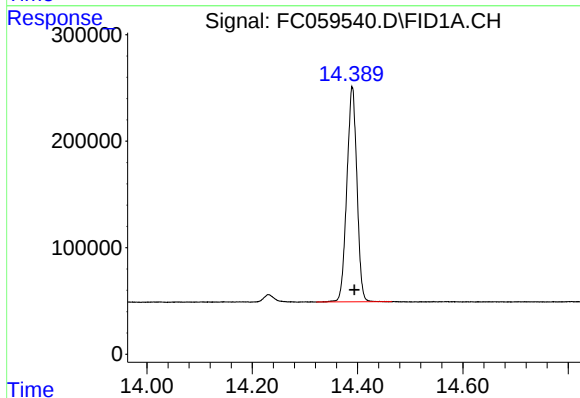
#12 1-chlorooctadecane (SURR)

R.T.: 12.538 min
Delta R.T.: -0.007 min
Response: 2408970
Conc: 18.45 ug/ml



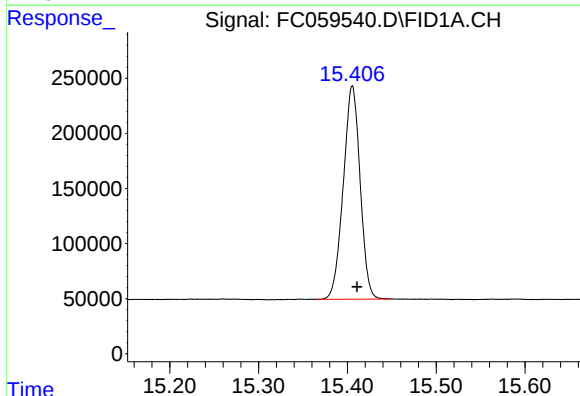
#13 n-Docosane (C22)

R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 2801739
Conc: 18.29 ug/ml



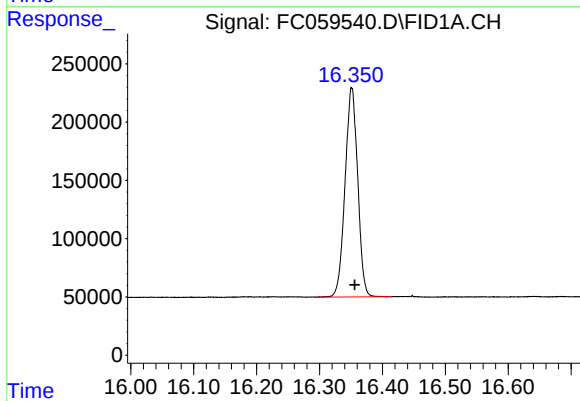
#14 n-Tetracosane (C24)

R.T.: 14.390 min
Delta R.T.: -0.004 min
Response: 2685039
Conc: 17.34 ug/ml



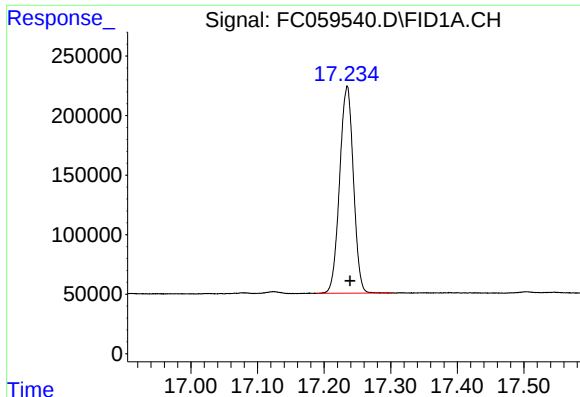
#15 n-Hexacosane (C26)

R.T.: 15.406 min
Delta R.T.: -0.005 min
Response: 2553280
Conc: 16.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.351 min
Delta R.T.: -0.005 min
Response: 2509900
Conc: 16.21 ug/ml



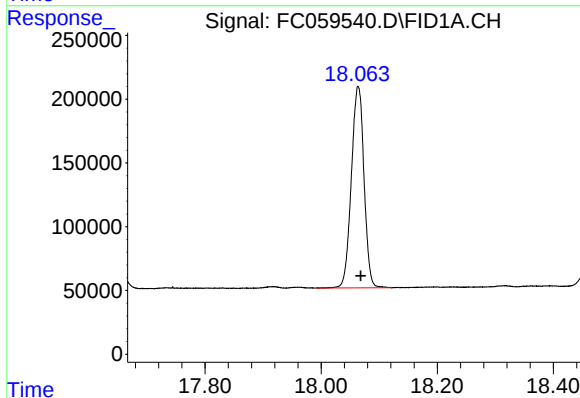
#17 n-Tricontane (C30)

R.T.: 17.234 min

Delta R.T.: -0.005 min

Response: 2498273

Conc: 16.45 ug/ml



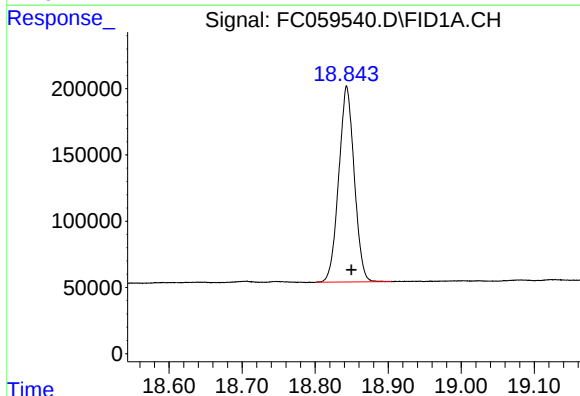
#18 n-Dotriacontane (C32)

R.T.: 18.064 min

Delta R.T.: -0.004 min

Response: 2389100

Conc: 16.96 ug/ml



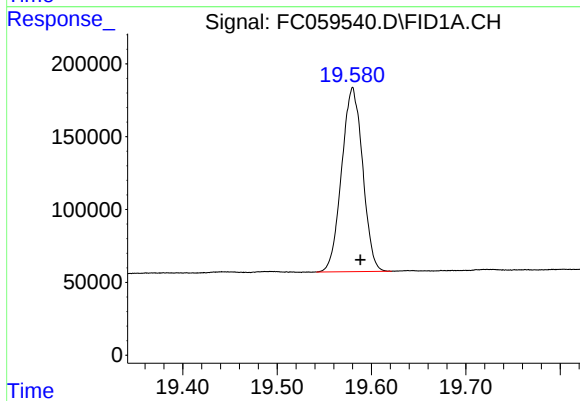
#19 n-Tetratriacontane (C34)

R.T.: 18.843 min

Delta R.T.: -0.006 min

Response: 2174292

Conc: 17.20 ug/ml



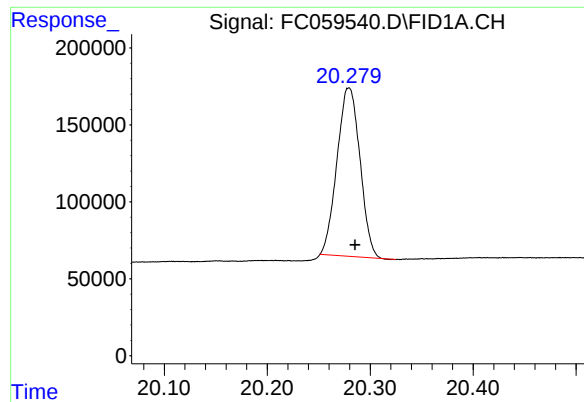
#20 n-Hexatriacontane (C36)

R.T.: 19.580 min

Delta R.T.: -0.008 min

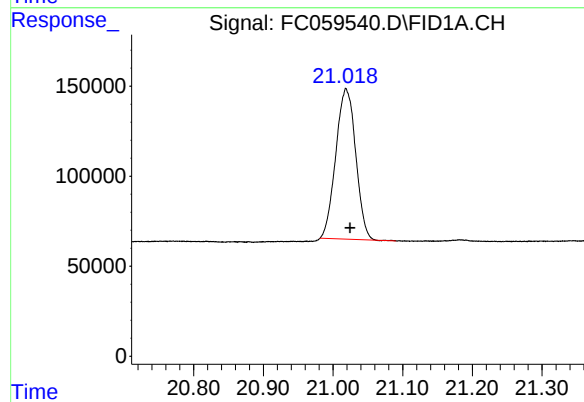
Response: 1950327

Conc: 17.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.279 min
Delta R.T.: -0.006 min
Response: 1693555
Conc: 18.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.019 min
Delta R.T.: -0.006 min
Response: 1657122
Conc: 19.84 ug/ml