

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121421AL\
 Data File : FC057463.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2021 19:21
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 14 20:04:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 19:49:48 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)	10.877	1385164	10.344 ug/ml
Spiked Amount 50.000		Recovery =	20.69%
12) S 1-chlorooctadecane (S...	12.311	1143084	10.763 ug/ml
Spiked Amount 50.000		Recovery =	21.53%
Target Compounds			
1) T n-Nonane (C9)	2.724	1221538	10.296 ug/ml
2) T n-Decane (C10)	3.734	1235192	10.334 ug/ml
3) T A~Naphthalene (C11.7)	5.302	1370561	10.268 ug/ml
4) T n-Dodecane (C12)	5.724	1223763	10.296 ug/ml
5) T A~2-methylnaphthalene...	6.350	1379808	10.243 ug/ml
6) T n-Tetradecane (C14)	7.514	1221249	10.208 ug/ml
7) T n-Hexadecane (C16)	9.115	1239267	10.242 ug/ml
8) T n-Octadecane (C18)	10.556	1281696	10.257 ug/ml
10) T n-Eicosane (C20)	11.865	1284300	10.285 ug/ml
11) T n-Heneicosane (C21)	12.477	1305642	10.321 ug/ml
13) T n-Docosane (C22)	13.063	1313500	10.403 ug/ml
14) T n-Tetracosane (C24)	14.166	1329916	10.399 ug/ml
15) T n-Hexacosane (C26)	15.187	1289274	10.177 ug/ml
16) T n-Octacosane (C28)	16.137	1314835	10.454 ug/ml
17) T n-Tricontane (C30)	17.026	1351293	10.339 ug/ml
18) T n-Dotriacontane (C32)	17.859	1324645	10.206 ug/ml
19) T n-Tetratriacontane (C34)	18.643	1242926	9.681 ug/ml
20) T n-Hexatriacontane (C36)	19.384	1150611	9.862 ug/ml
21) T n-Octatriacontane (C38)	20.121	1075931	10.067 ug/ml
22) T n-Tetracontane (C40)	21.031	960025	9.505 ug/ml

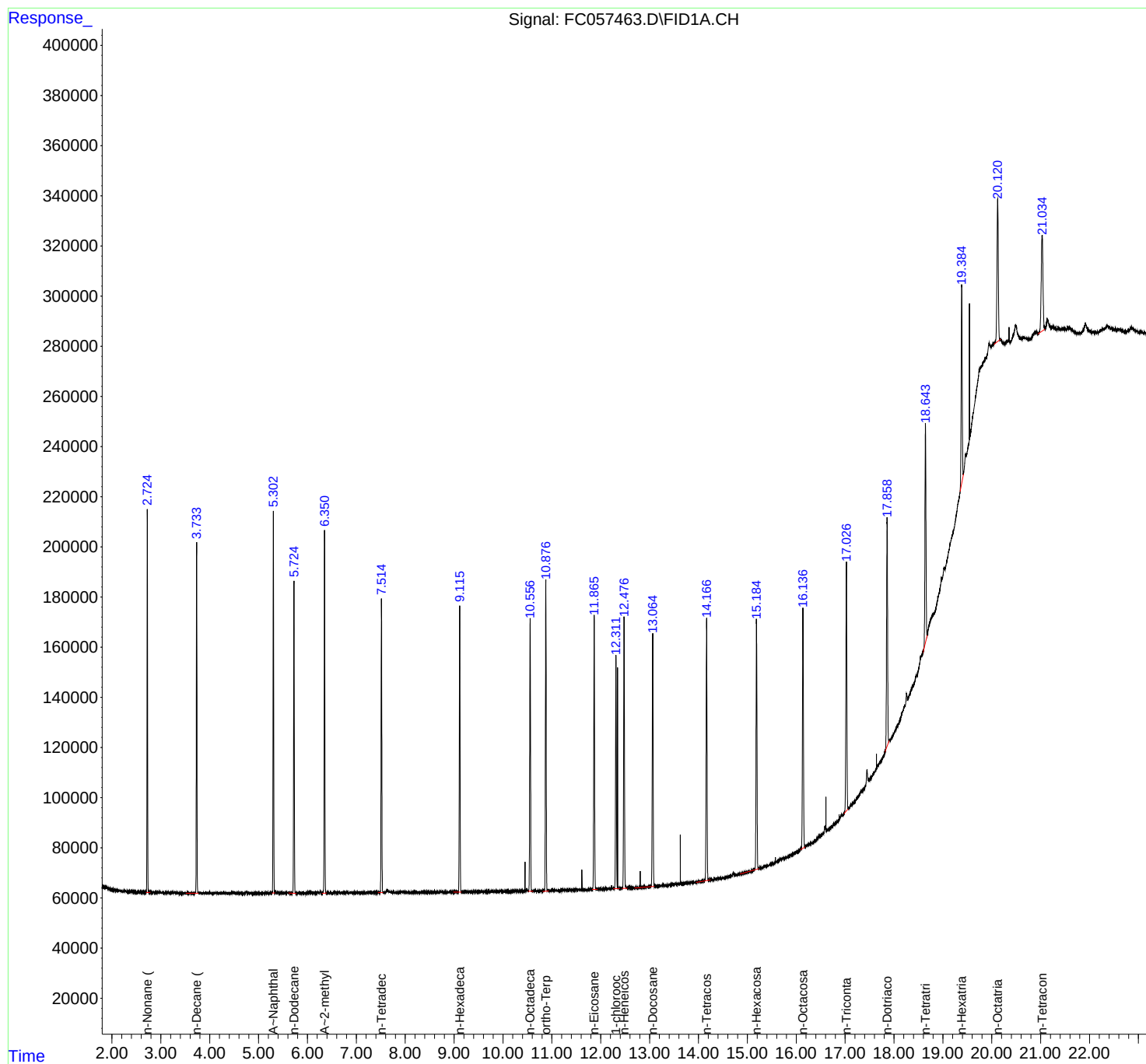
(f)=RT Delta > 1/2 Window

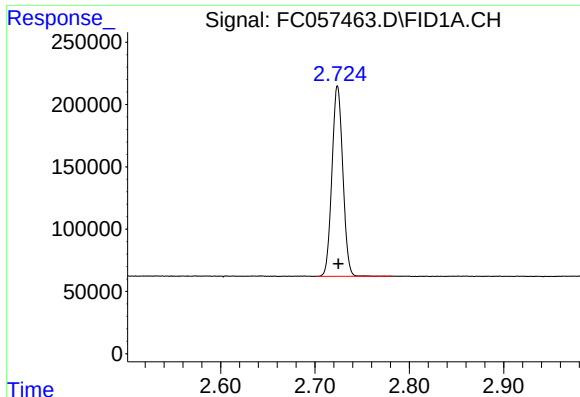
(m)=manual int.

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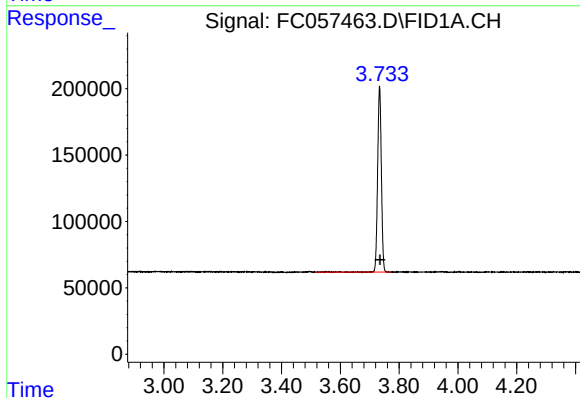
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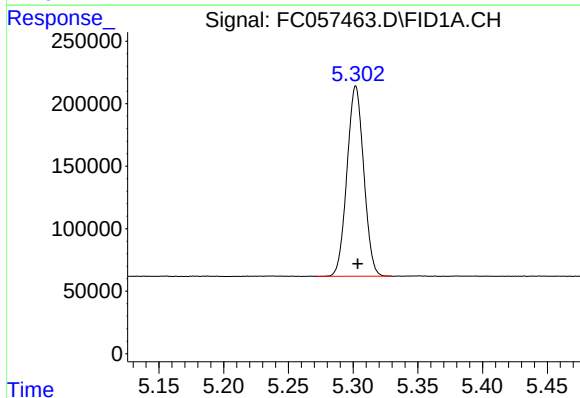
#1 n-Nonane (C9)

R.T.: 2.724 min
Delta R.T.: 0.000 min
Response: 1221538
Conc: 10.30 ug/ml



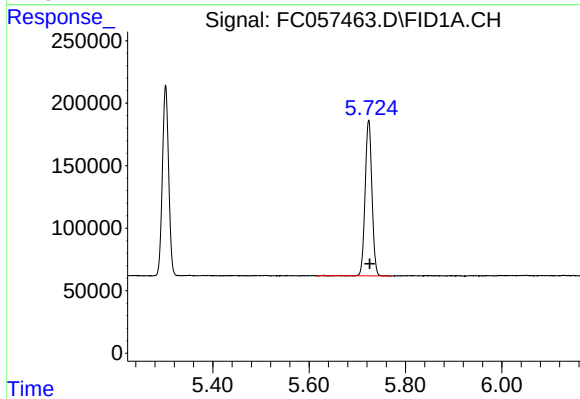
#2 n-Decane (C10)

R.T.: 3.734 min
Delta R.T.: -0.001 min
Response: 1235192
Conc: 10.33 ug/ml



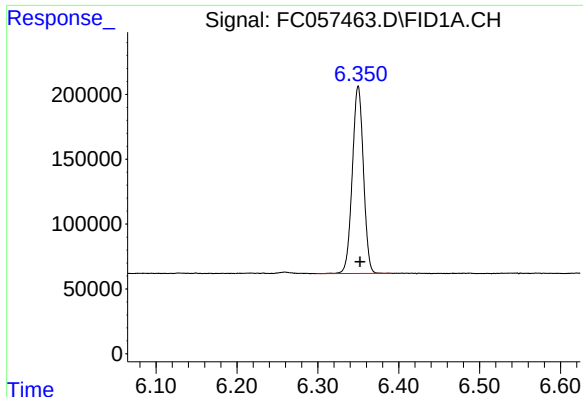
#3 A~Naphthalene (C11.7)

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 1370561
Conc: 10.27 ug/ml



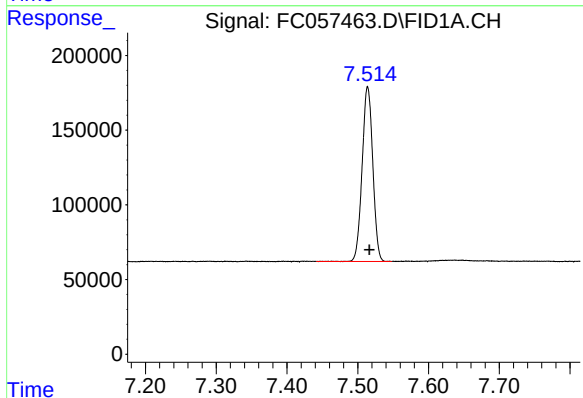
#4 n-Dodecane (C12)

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 1223763
Conc: 10.30 ug/ml



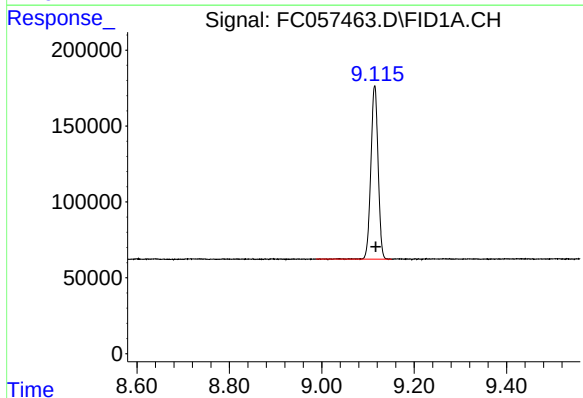
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 1379808
Conc: 10.24 ug/ml



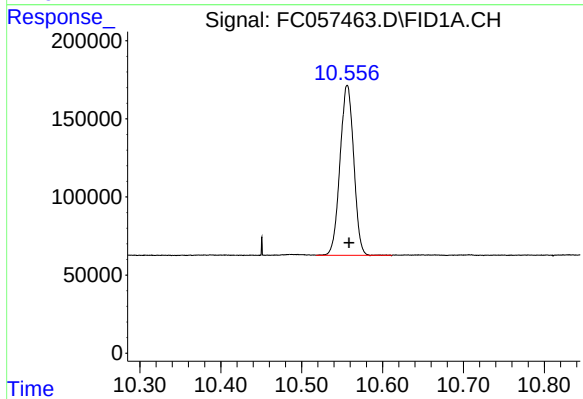
#6 n-Tetradecane (C14)

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 1221249
Conc: 10.21 ug/ml



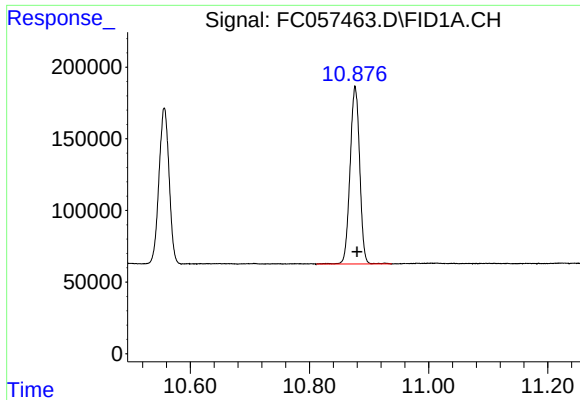
#7 n-Hexadecane (C16)

R.T.: 9.115 min
Delta R.T.: -0.002 min
Response: 1239267
Conc: 10.24 ug/ml



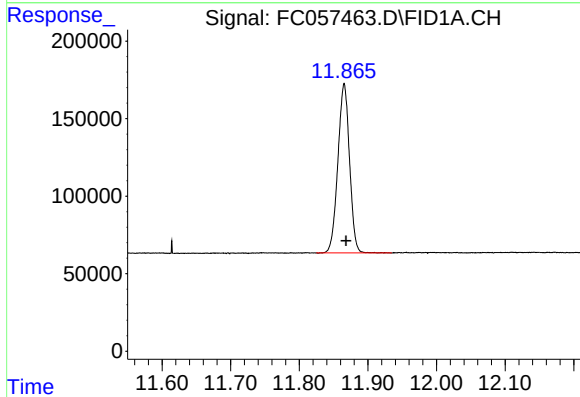
#8 n-Octadecane (C18)

R.T.: 10.556 min
Delta R.T.: -0.002 min
Response: 1281696
Conc: 10.26 ug/ml



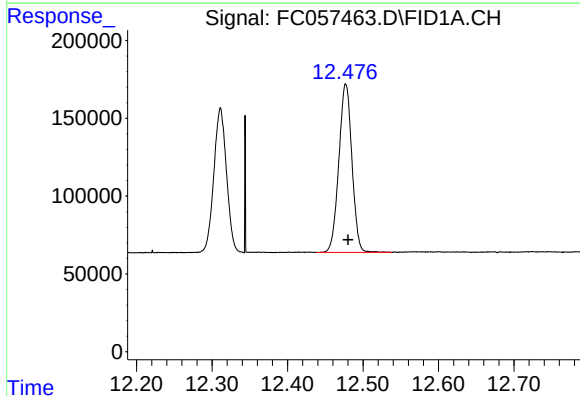
#9 ortho-Terphenyl (SURRE)

R.T.: 10.877 min
Delta R.T.: -0.003 min
Response: 1385164
Conc: 10.34 ug/ml



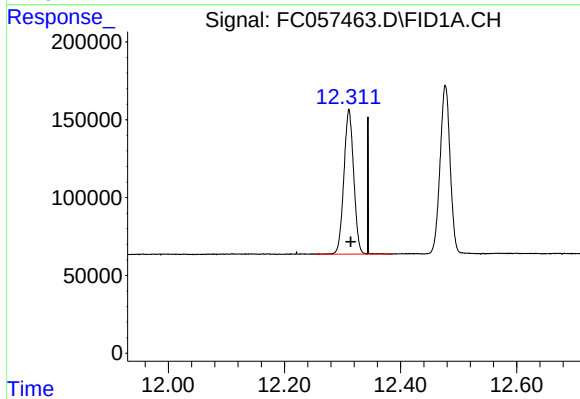
#10 n-Eicosane (C20)

R.T.: 11.865 min
Delta R.T.: -0.003 min
Response: 1284300
Conc: 10.28 ug/ml



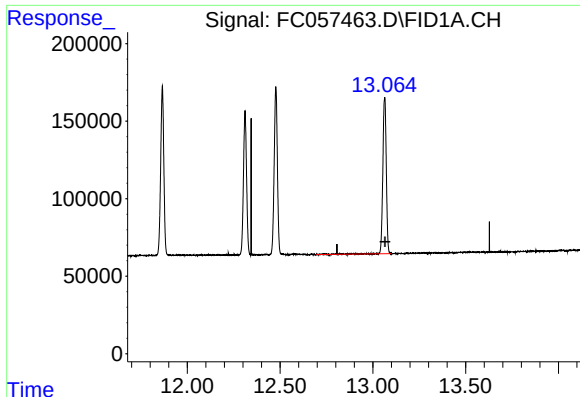
#11 n-Heneicosane (C21)

R.T.: 12.477 min
Delta R.T.: -0.003 min
Response: 1305642
Conc: 10.32 ug/ml



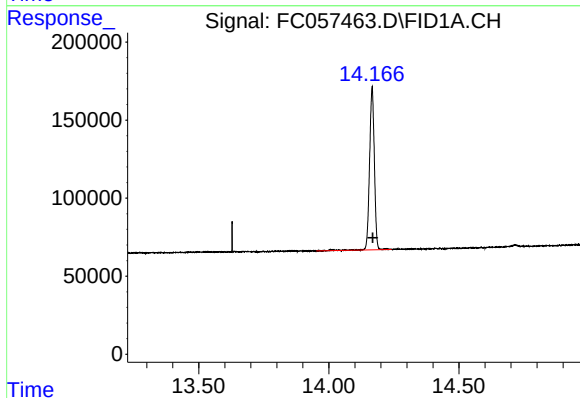
#12 1-chlorooctadecane (SURRE)

R.T.: 12.311 min
Delta R.T.: -0.003 min
Response: 1143084
Conc: 10.76 ug/ml



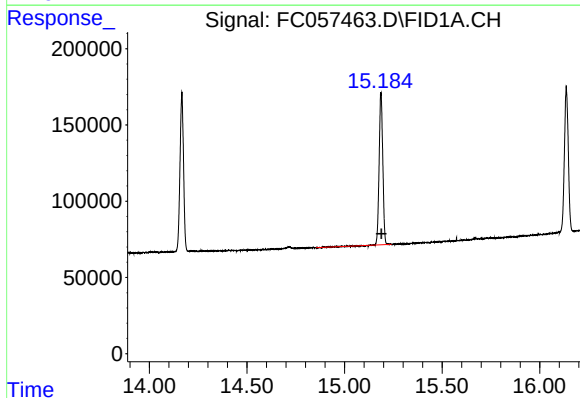
#13 n-Docosane (C22)

R.T.: 13.063 min
Delta R.T.: -0.003 min
Response: 1313500
Conc: 10.40 ug/ml



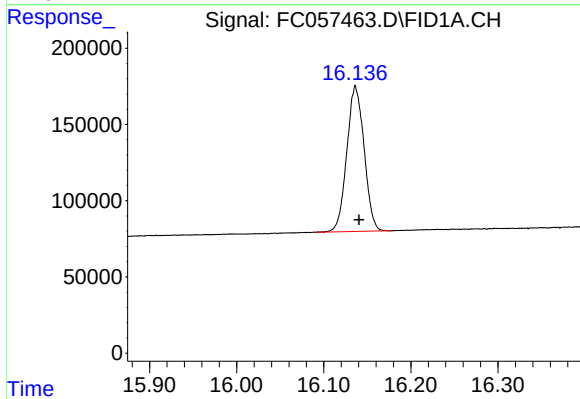
#14 n-Tetracosane (C24)

R.T.: 14.166 min
Delta R.T.: -0.003 min
Response: 1329916
Conc: 10.40 ug/ml



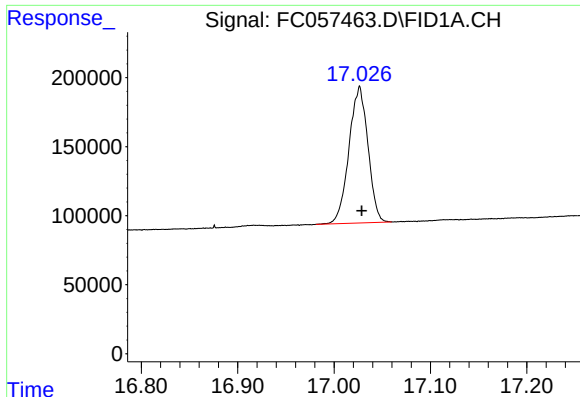
#15 n-Hexacosane (C26)

R.T.: 15.187 min
Delta R.T.: -0.003 min
Response: 1289274
Conc: 10.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.137 min
Delta R.T.: -0.004 min
Response: 1314835
Conc: 10.45 ug/ml



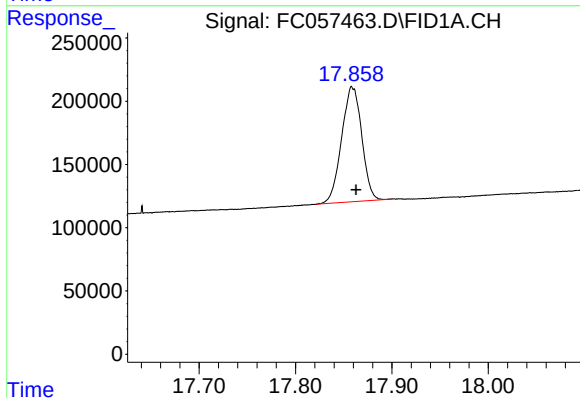
#17 n-Tricontane (C30)

R.T.: 17.026 min

Delta R.T.: -0.003 min

Response: 1351293

Conc: 10.34 ug/ml



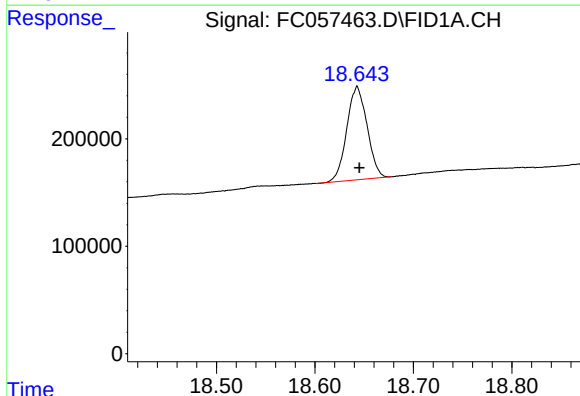
#18 n-Dotriacontane (C32)

R.T.: 17.859 min

Delta R.T.: -0.004 min

Response: 1324645

Conc: 10.21 ug/ml



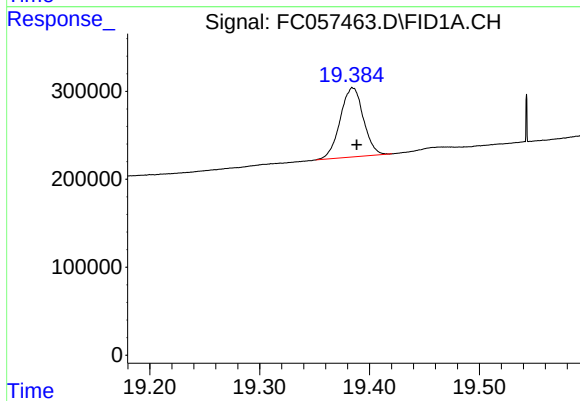
#19 n-Tetratriacontane (C34)

R.T.: 18.643 min

Delta R.T.: -0.002 min

Response: 1242926

Conc: 9.68 ug/ml



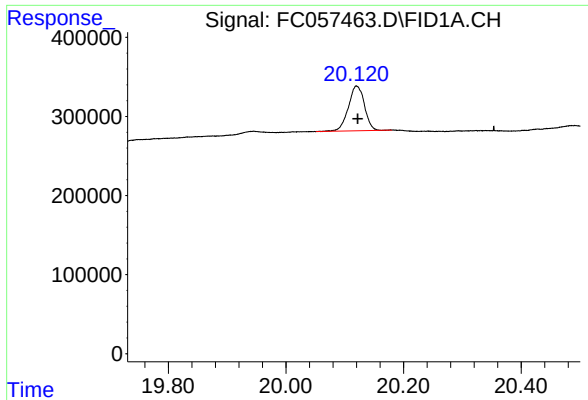
#20 n-Hexatriacontane (C36)

R.T.: 19.384 min

Delta R.T.: -0.004 min

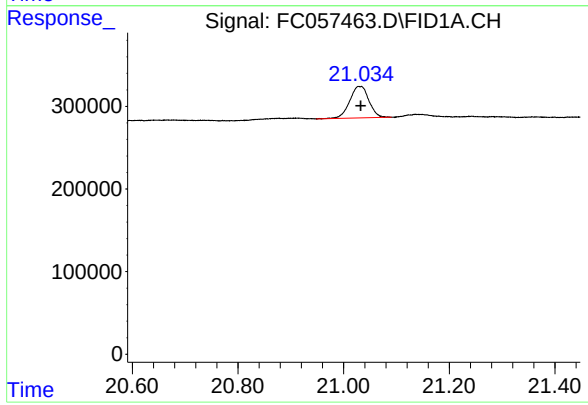
Response: 1150611

Conc: 9.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.121 min
Delta R.T.: -0.002 min
Response: 1075931
Conc: 10.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.031 min
Delta R.T.: -0.002 min
Response: 960025
Conc: 9.51 ug/ml