

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082720AL\
 Data File : FC049280.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2020 21:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 01:58:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.675	2408848	20.274 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	13.108	1956742	20.115 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T n-Nonane (C9)	3.405	2150348	20.617 ug/ml
2) T n-Decane (C10)	4.482	2211315	21.083 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2514105	21.258 ug/ml
4) T n-Dodecane (C12)	6.508	2278354	21.481 ug/ml
5) T A~2-methylnaphthalene...	7.141	2586158	21.449 ug/ml
6) T n-Tetradecane (C14)	8.306	2277680	21.629 ug/ml
7) T n-Hexadecane (C16)	9.909	2249553	21.432 ug/ml
8) T n-Octadecane (C18)	11.352	2326083	21.173 ug/ml
10) T n-Eicosane (C20)	12.662	2298396	20.654 ug/ml
11) T n-Heneicosane (C21)	13.274	2265841	20.284 ug/ml
13) T n-Docosane (C22)	13.861	2239346	19.923 ug/ml
14) T n-Tetracosane (C24)	14.963	2175888	19.139 ug/ml
15) T n-Hexacosane (C26)	15.983	2081216	18.190 ug/ml
16) T n-Octacosane (C28)	16.931	2036594	17.506 ug/ml
17) T n-Tricontane (C30)	17.818	1974368	17.080 ug/ml
18) T n-Dotriacontane (C32)	18.649	1851784	17.126 ug/ml
19) T n-Tetratriacontane (C34)	19.431	1734063	16.719 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1659457	16.690 ug/ml
21) T n-Octatriacontane (C38)	20.923	1598751	16.907 ug/ml
22) T n-Tetracontane (C40)	21.871	1640180	17.181 ug/ml

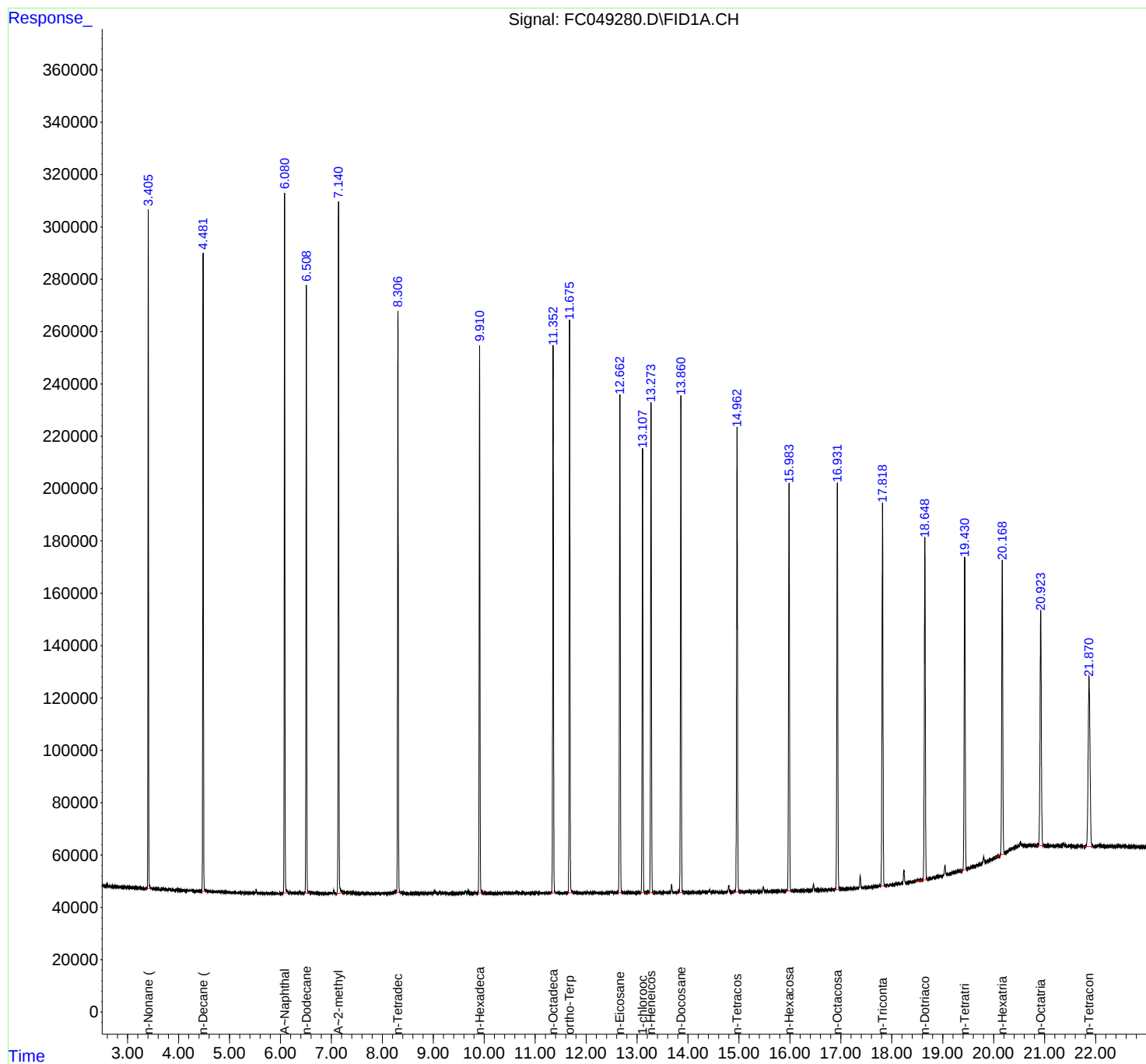
(f)=RT Delta > 1/2 Window

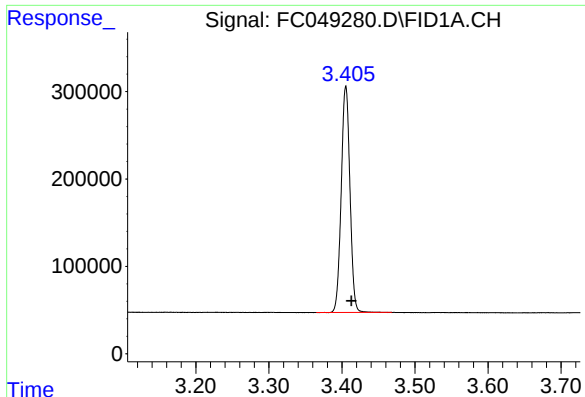
(m)=manual int.

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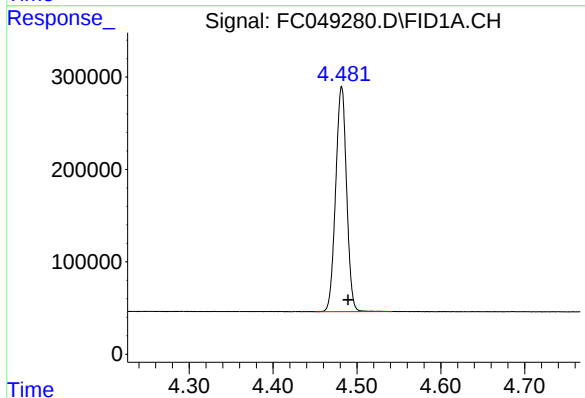
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





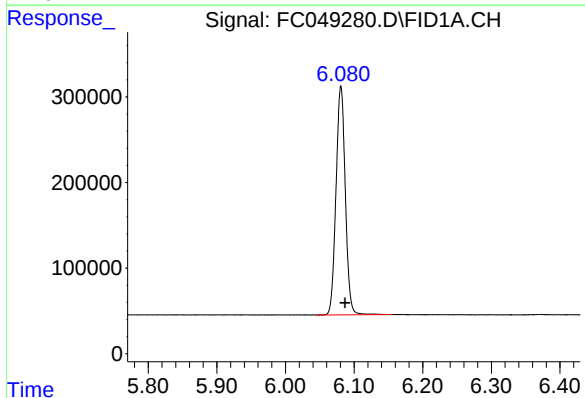
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.008 min
Response: 2150348
Conc: 20.62 ug/ml



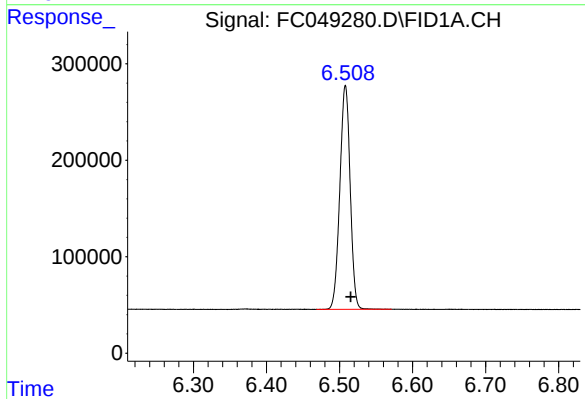
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.008 min
Response: 2211315
Conc: 21.08 ug/ml



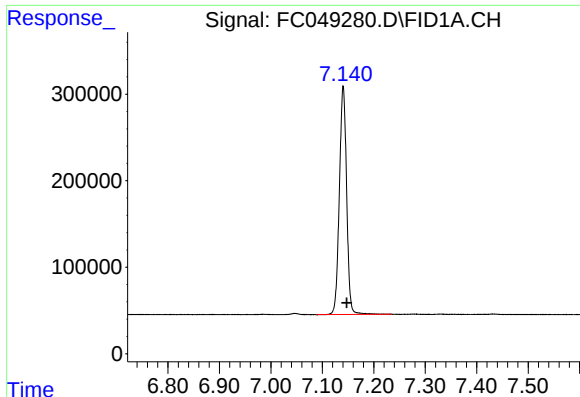
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 2514105
Conc: 21.26 ug/ml



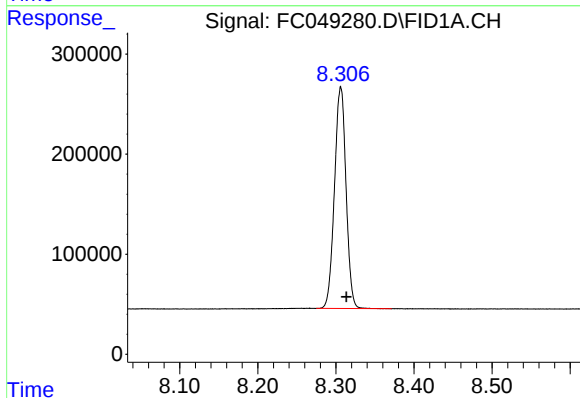
#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 2278354
Conc: 21.48 ug/ml



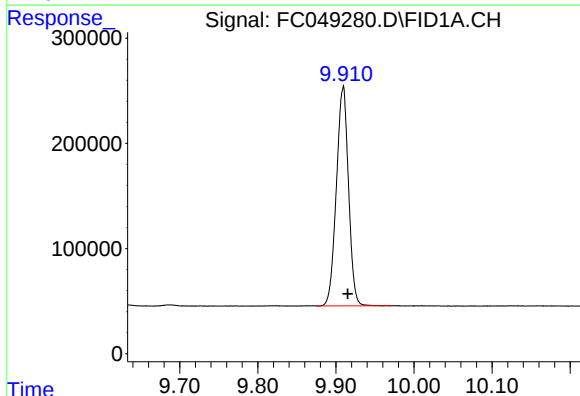
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.007 min
Response: 2586158
Conc: 21.45 ug/ml



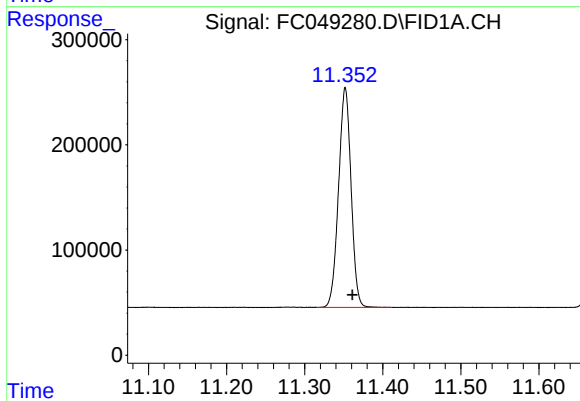
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.007 min
Response: 2277680
Conc: 21.63 ug/ml



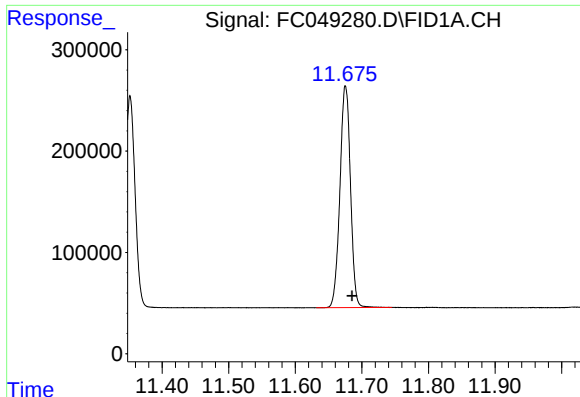
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2249553
Conc: 21.43 ug/ml



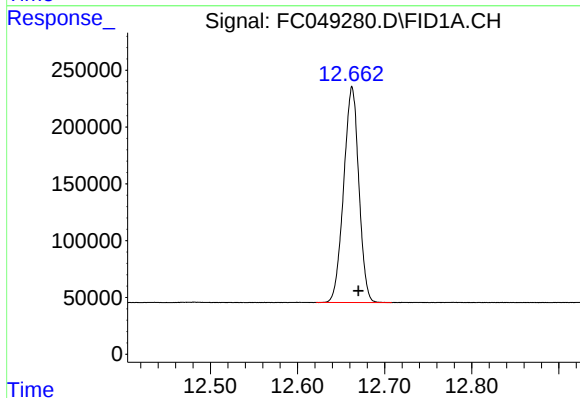
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: -0.009 min
Response: 2326083
Conc: 21.17 ug/ml



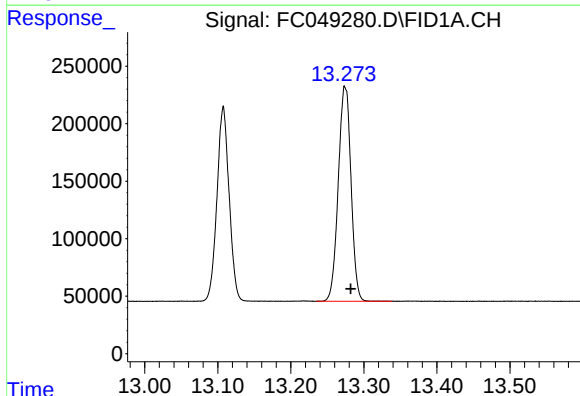
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.010 min
Response: 2408848
Conc: 20.27 ug/ml



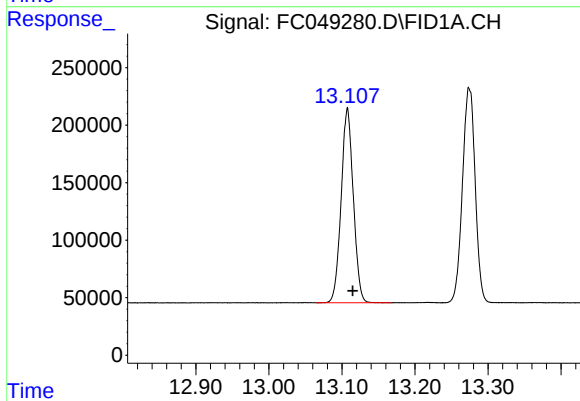
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.007 min
Response: 2298396
Conc: 20.65 ug/ml



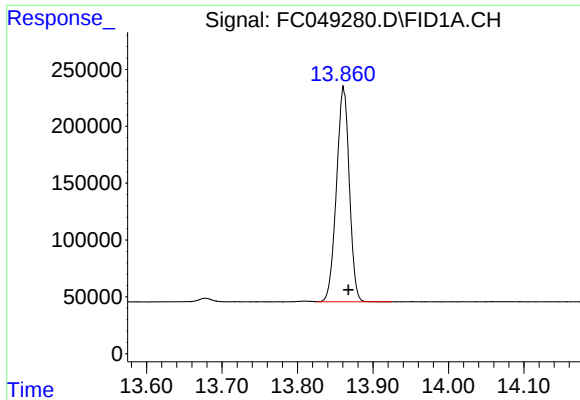
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.008 min
Response: 2265841
Conc: 20.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.007 min
Response: 1956742
Conc: 20.11 ug/ml



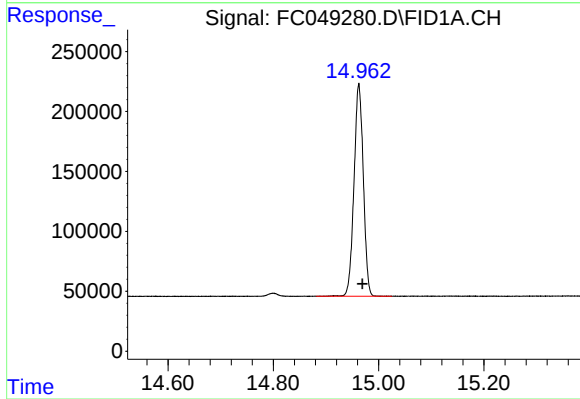
#13 n-Docosane (C22)

R.T.: 13.861 min

Delta R.T.: -0.006 min

Response: 2239346

Conc: 19.92 ug/ml



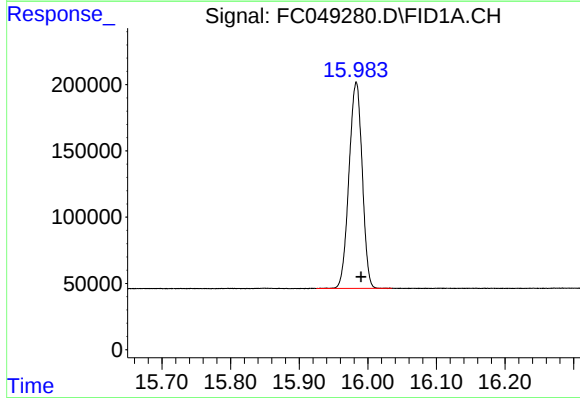
#14 n-Tetracosane (C24)

R.T.: 14.963 min

Delta R.T.: -0.007 min

Response: 2175888

Conc: 19.14 ug/ml



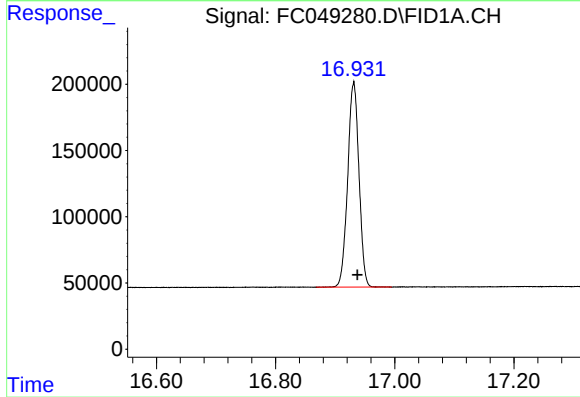
#15 n-Hexacosane (C26)

R.T.: 15.983 min

Delta R.T.: -0.007 min

Response: 2081216

Conc: 18.19 ug/ml



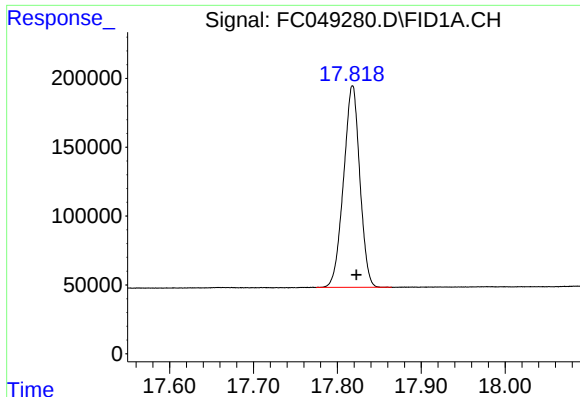
#16 n-Octacosane (C28)

R.T.: 16.931 min

Delta R.T.: -0.007 min

Response: 2036594

Conc: 17.51 ug/ml



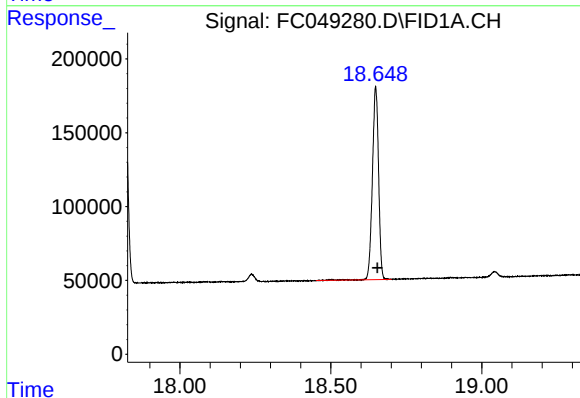
#17 n-Tricontane (C30)

R.T.: 17.818 min

Delta R.T.: -0.005 min

Response: 1974368

Conc: 17.08 ug/ml



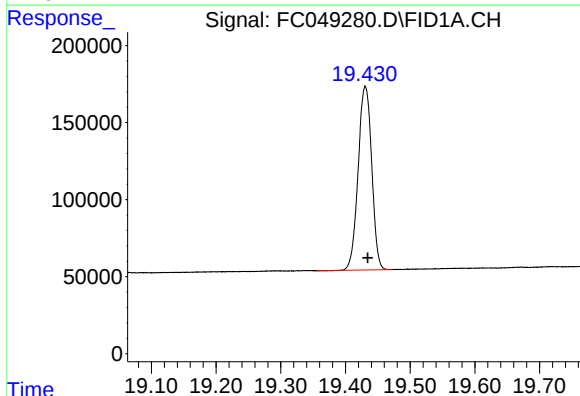
#18 n-Dotriacontane (C32)

R.T.: 18.649 min

Delta R.T.: -0.005 min

Response: 1851784

Conc: 17.13 ug/ml



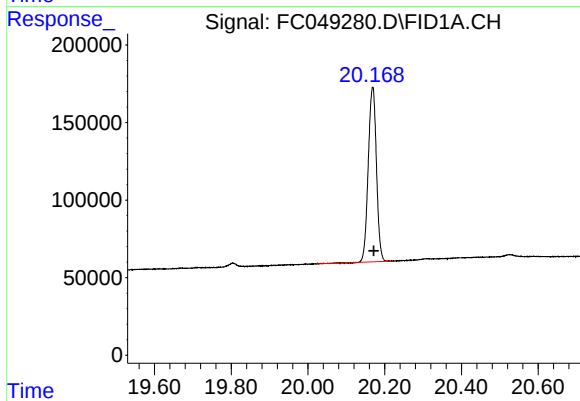
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min

Delta R.T.: -0.004 min

Response: 1734063

Conc: 16.72 ug/ml



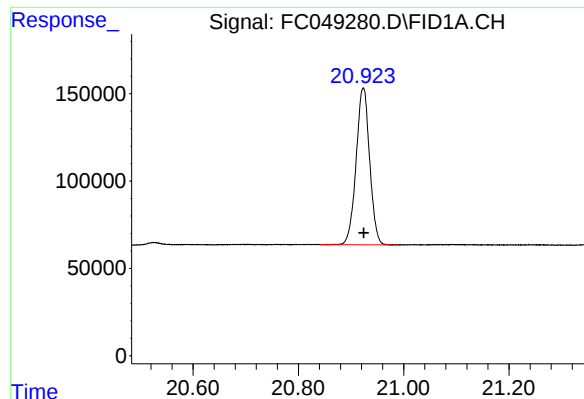
#20 n-Hexatriacontane (C36)

R.T.: 20.169 min

Delta R.T.: -0.003 min

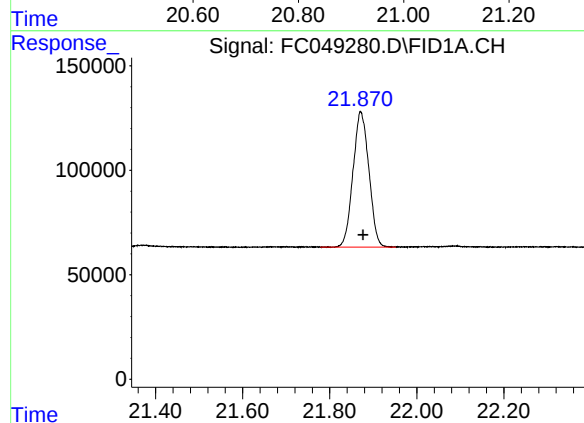
Response: 1659457

Conc: 16.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.923 min
Delta R.T.: -0.001 min
Response: 1598751
Conc: 16.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: -0.006 min
Response: 1640180
Conc: 17.18 ug/ml