

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121321AL\
 Data File : FE034565.D
 Signal(s) : FID1B.CH
 Acq On : 14 Dec 2021 00:39
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 05:55:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:55:08 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)	11.651	1173517	9.662 ug/ml
Spiked Amount 50.000		Recovery =	19.32%
12) S 1-chlorooctadecane (S...	13.078	921313	9.609 ug/ml
Spiked Amount 50.000		Recovery =	19.22%
Target Compounds			
1) T n-Nonane (C9)	3.392	1047616	9.705 ug/ml
2) T n-Decane (C10)	4.464	1056259	9.715 ug/ml
3) T A~Naphthalene (C11.7)	6.066	1188907	9.683 ug/ml
4) T n-Dodecane (C12)	6.485	1047768	9.710 ug/ml
5) T A~2-methylnaphthalene...	7.121	1193712	9.670 ug/ml
6) T n-Tetradecane (C14)	8.280	1053551	9.705 ug/ml
7) T n-Hexadecane (C16)	9.880	1059230	9.685 ug/ml
8) T n-Octadecane (C18)	11.321	1090050	9.688 ug/ml
10) T n-Eicosane (C20)	12.630	1080543	9.621 ug/ml
11) T n-Heneicosane (C21)	13.242	1097459	9.651 ug/ml
13) T n-Docosane (C22)	13.828	1089362	9.616 ug/ml
14) T n-Tetracosane (C24)	14.929	1104373	9.615 ug/ml
15) T n-Hexacosane (C26)	15.950	1089971	9.627 ug/ml
16) T n-Octacosane (C28)	16.900	1079811	9.589 ug/ml
17) T n-Tricontane (C30)	17.786	1070664	9.597 ug/ml
18) T n-Dotriacontane (C32)	18.619	1018502	9.544 ug/ml
19) T n-Tetratriacontane (C34)	19.403	979449	9.550 ug/ml
20) T n-Hexatriacontane (C36)	20.143	935201	9.752 ug/ml
21) T n-Octatriacontane (C38)	20.888	825529	9.665 ug/ml
22) T n-Tetracontane (C40)	21.823	752085	9.534 ug/ml

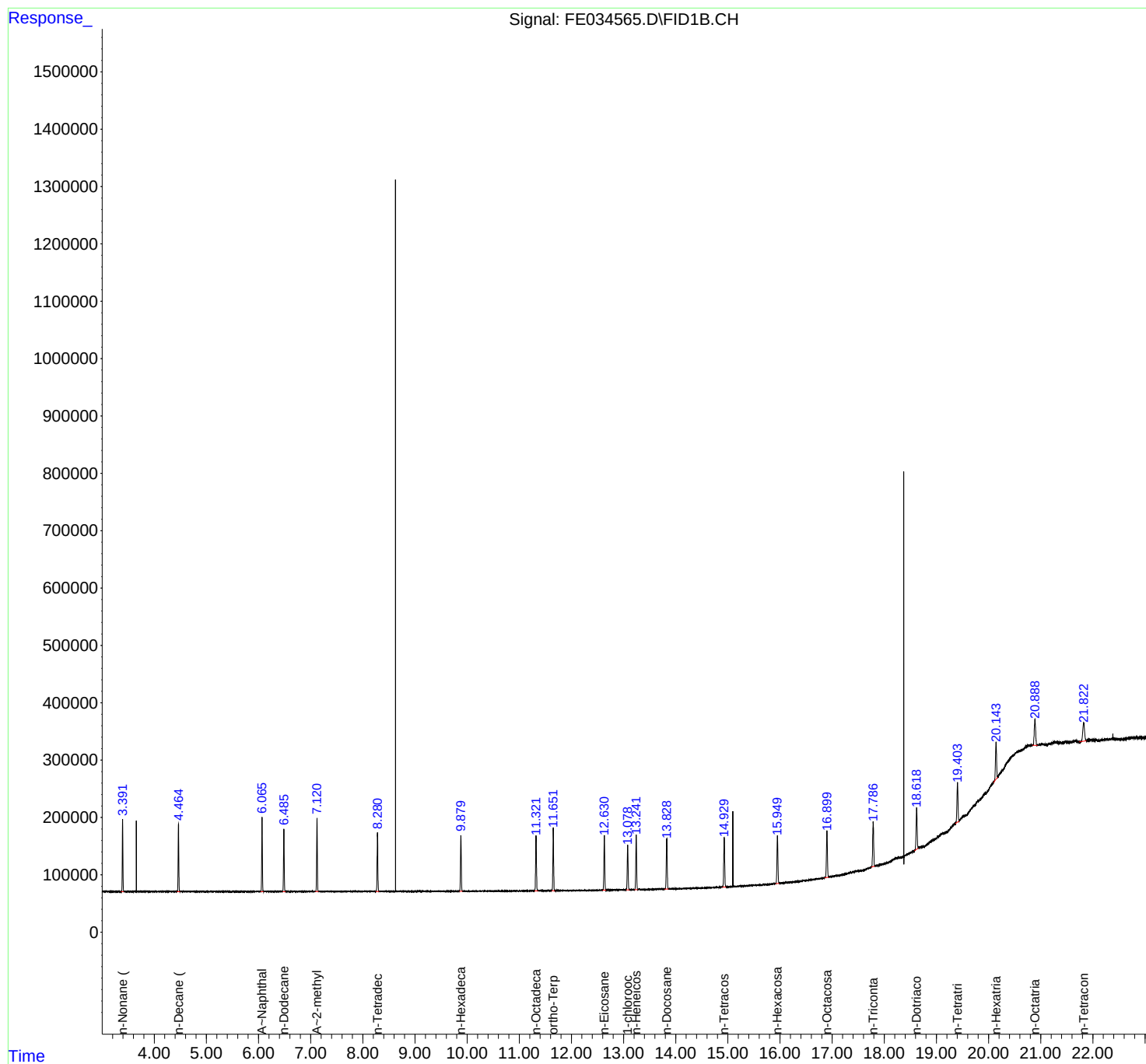
(f)=RT Delta > 1/2 Window

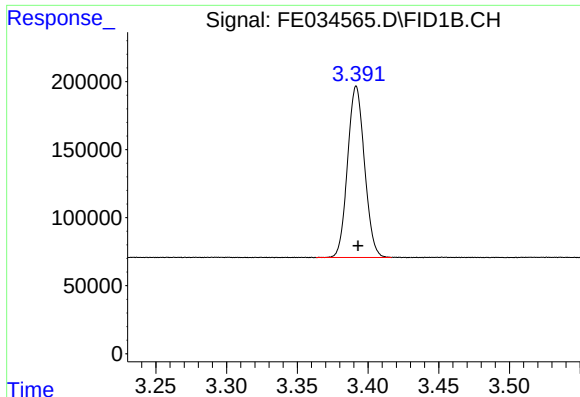
(m)=manual int.

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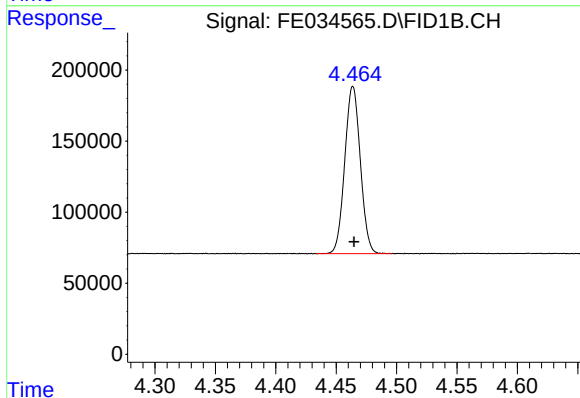
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





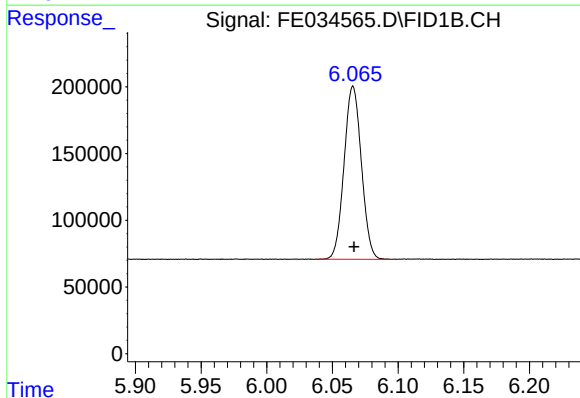
#1 n-Nonane (C9)

R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 1047616
Conc: 9.70 ug/ml



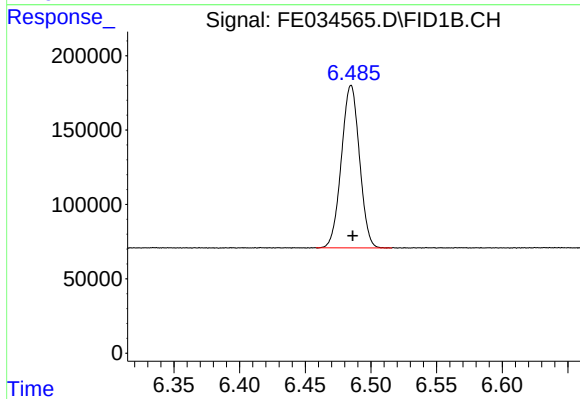
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 1056259
Conc: 9.72 ug/ml



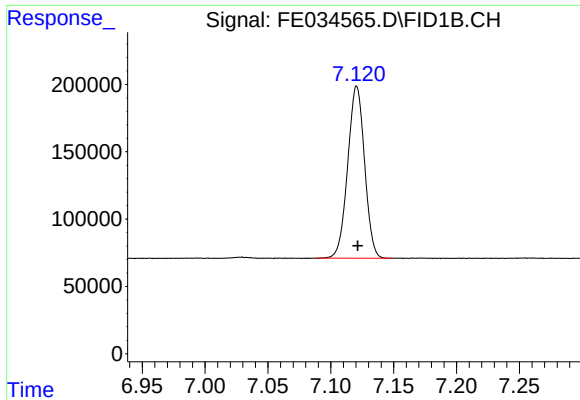
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 1188907
Conc: 9.68 ug/ml



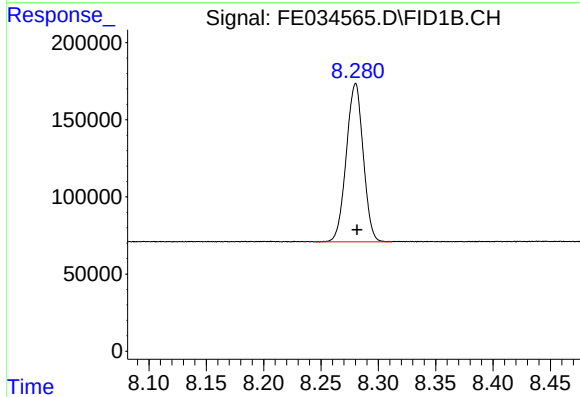
#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 1047768
Conc: 9.71 ug/ml



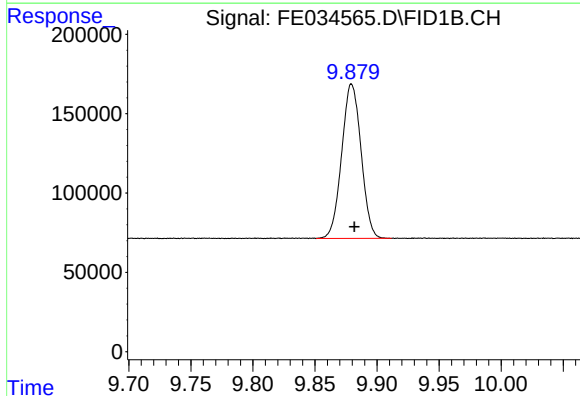
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 1193712
Conc: 9.67 ug/ml



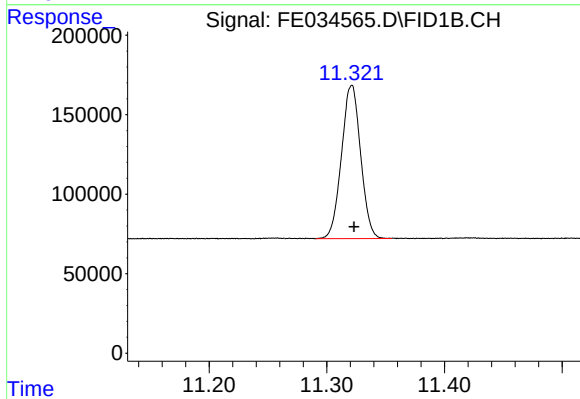
#6 n-Tetradecane (C14)

R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 1053551
Conc: 9.71 ug/ml



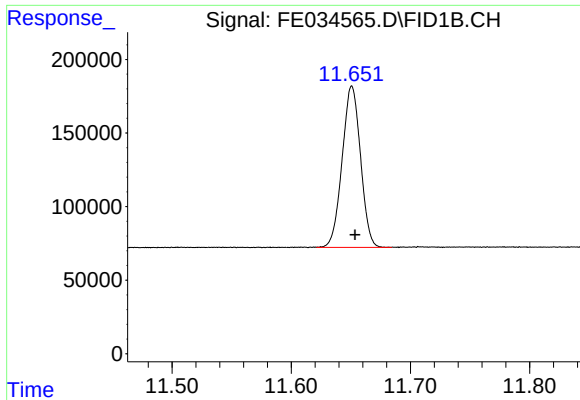
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.002 min
Response: 1059230
Conc: 9.68 ug/ml



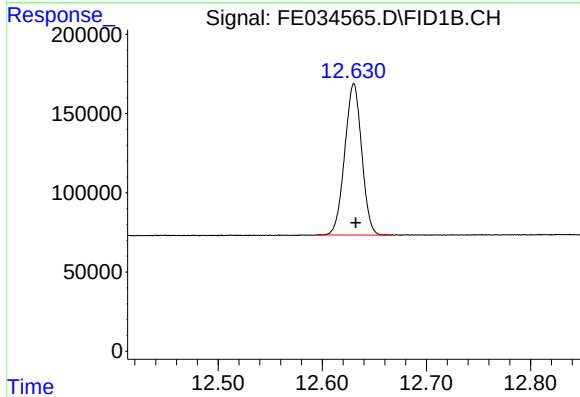
#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.002 min
Response: 1090050
Conc: 9.69 ug/ml



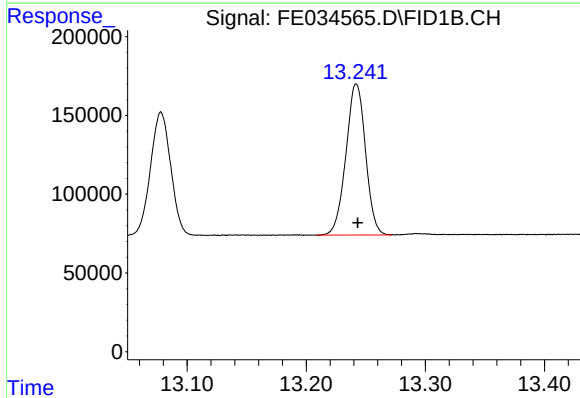
#9 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.003 min
Response: 1173517
Conc: 9.66 ug/ml



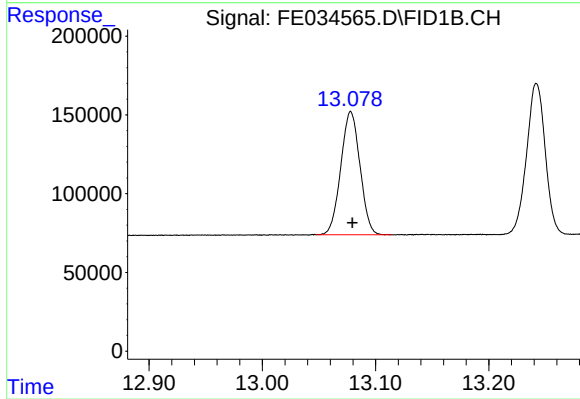
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.002 min
Response: 1080543
Conc: 9.62 ug/ml



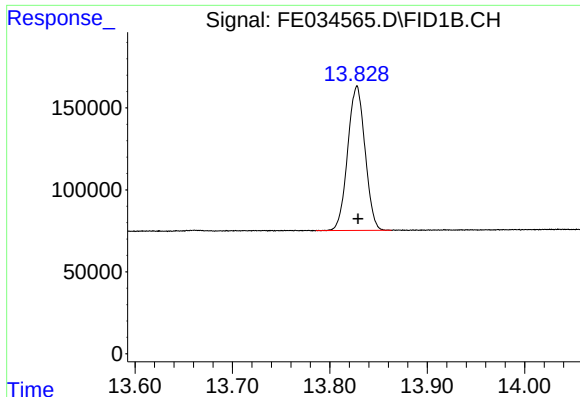
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: -0.001 min
Response: 1097459
Conc: 9.65 ug/ml



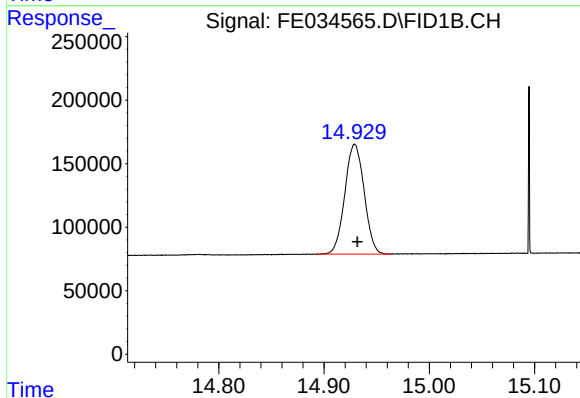
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.001 min
Response: 921313
Conc: 9.61 ug/ml



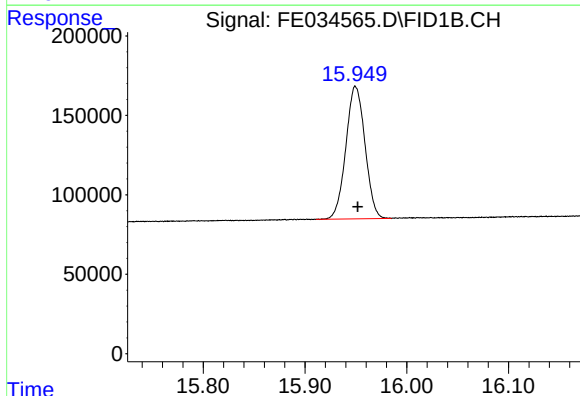
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.001 min
Response: 1089362
Conc: 9.62 ug/ml



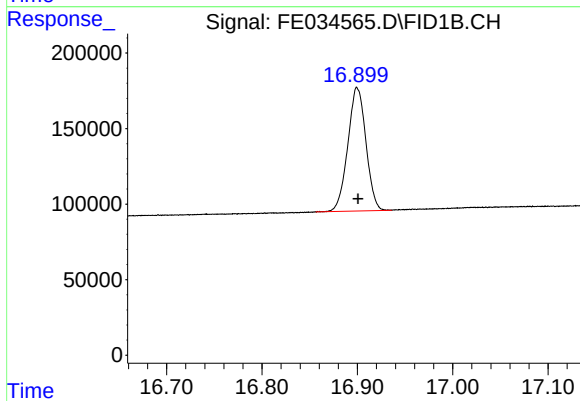
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: -0.003 min
Response: 1104373
Conc: 9.62 ug/ml



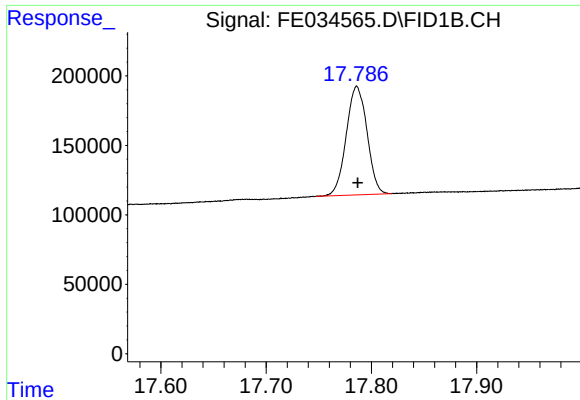
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.002 min
Response: 1089971
Conc: 9.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: -0.001 min
Response: 1079811
Conc: 9.59 ug/ml



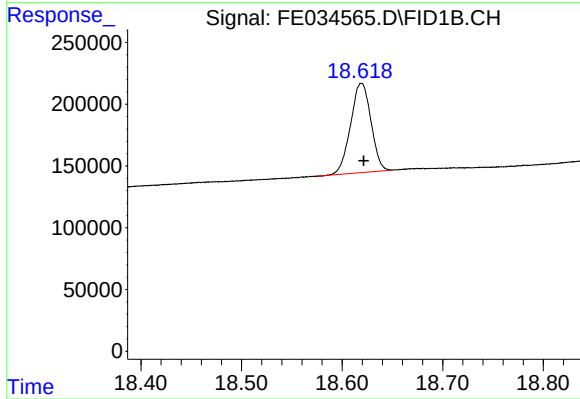
#17 n-Tricontane (C30)

R.T.: 17.786 min

Delta R.T.: -0.001 min

Response: 1070664

Conc: 9.60 ug/ml



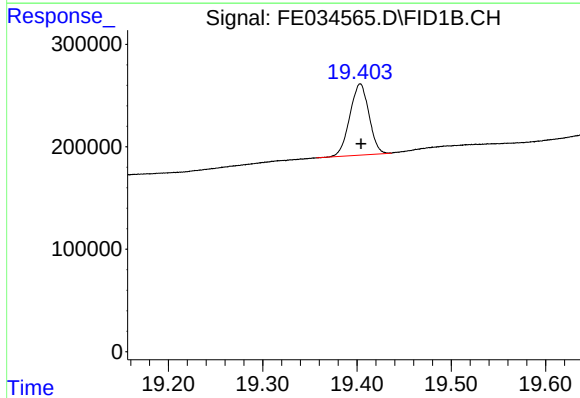
#18 n-Dotriacontane (C32)

R.T.: 18.619 min

Delta R.T.: -0.002 min

Response: 1018502

Conc: 9.54 ug/ml



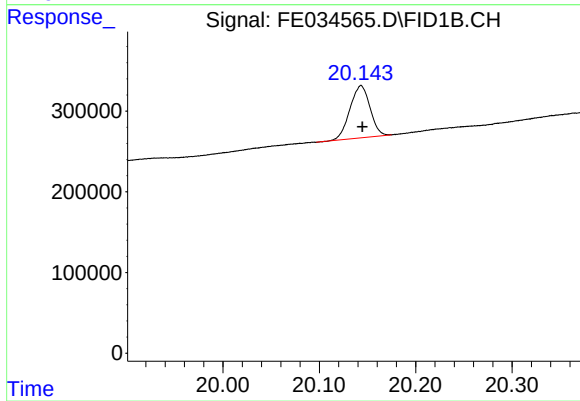
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min

Delta R.T.: 0.000 min

Response: 979449

Conc: 9.55 ug/ml



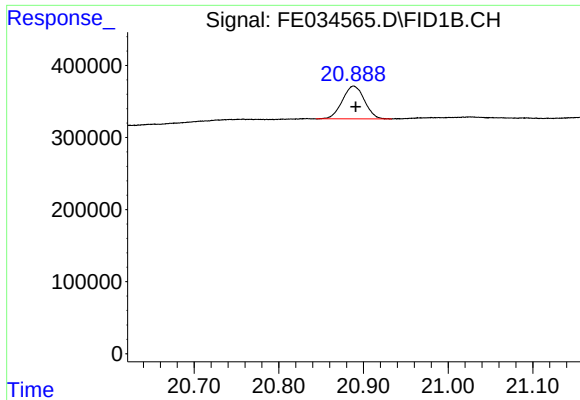
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min

Delta R.T.: -0.001 min

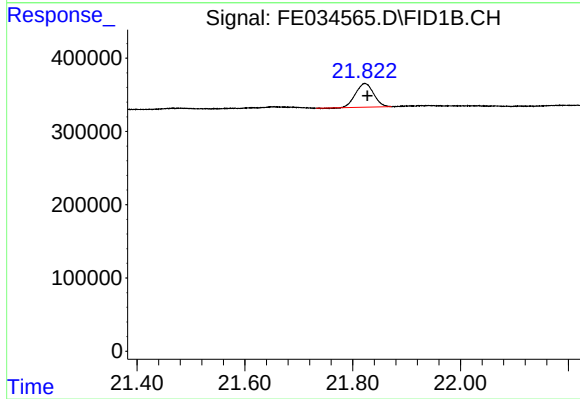
Response: 935201

Conc: 9.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: -0.002 min
Response: 825529
Conc: 9.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.823 min
Delta R.T.: -0.005 min
Response: 752085
Conc: 9.53 ug/ml