

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112320AL\
 Data File : FD035635.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2020 2:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 03:23:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.526	2227537	17.124 ug/ml
Spiked Amount 50.000		Recovery =	34.25%
12) S 1-chlorooctadecane (S...	12.958	1758696	16.875 ug/ml
Spiked Amount 50.000		Recovery =	33.75%
Target Compounds			
1) T n-Nonane (C9)	3.313	2033835	18.062 ug/ml
2) T n-Decane (C10)	4.378	2057729	18.209 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2257392	18.459 ug/ml
4) T n-Dodecane (C12)	6.389	2111401	18.262 ug/ml
5) T A~2-methylnaphthalene...	7.013	2307289	18.440 ug/ml
6) T n-Tetradecane (C14)	8.178	2125066	18.453 ug/ml
7) T n-Hexadecane (C16)	9.773	2095067	18.335 ug/ml
8) T n-Octadecane (C18)	11.210	2159523	17.895 ug/ml
10) T n-Eicosane (C20)	12.515	2142263	17.469 ug/ml
11) T n-Heneicosane (C21)	13.125	2104732	17.119 ug/ml
13) T n-Docosane (C22)	13.710	2086238	16.919 ug/ml
14) T n-Tetracosane (C24)	14.808	2021080	16.336 ug/ml
15) T n-Hexacosane (C26)	15.825	1952480	15.863 ug/ml
16) T n-Octacosane (C28)	16.770	1921396	15.606 ug/ml
17) T n-Tricontane (C30)	17.653	1920477	15.891 ug/ml
18) T n-Dotriacontane (C32)	18.481	2735119	24.325 ug/ml
19) T n-Tetratriacontane (C34)	19.261	1625772	15.490 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1790287	18.689 ug/ml
21) T n-Octatriacontane (C38)	20.717	3081373	34.690 ug/ml
22) T n-Tetracontane (C40)	21.597	2471283	28.159 ug/ml

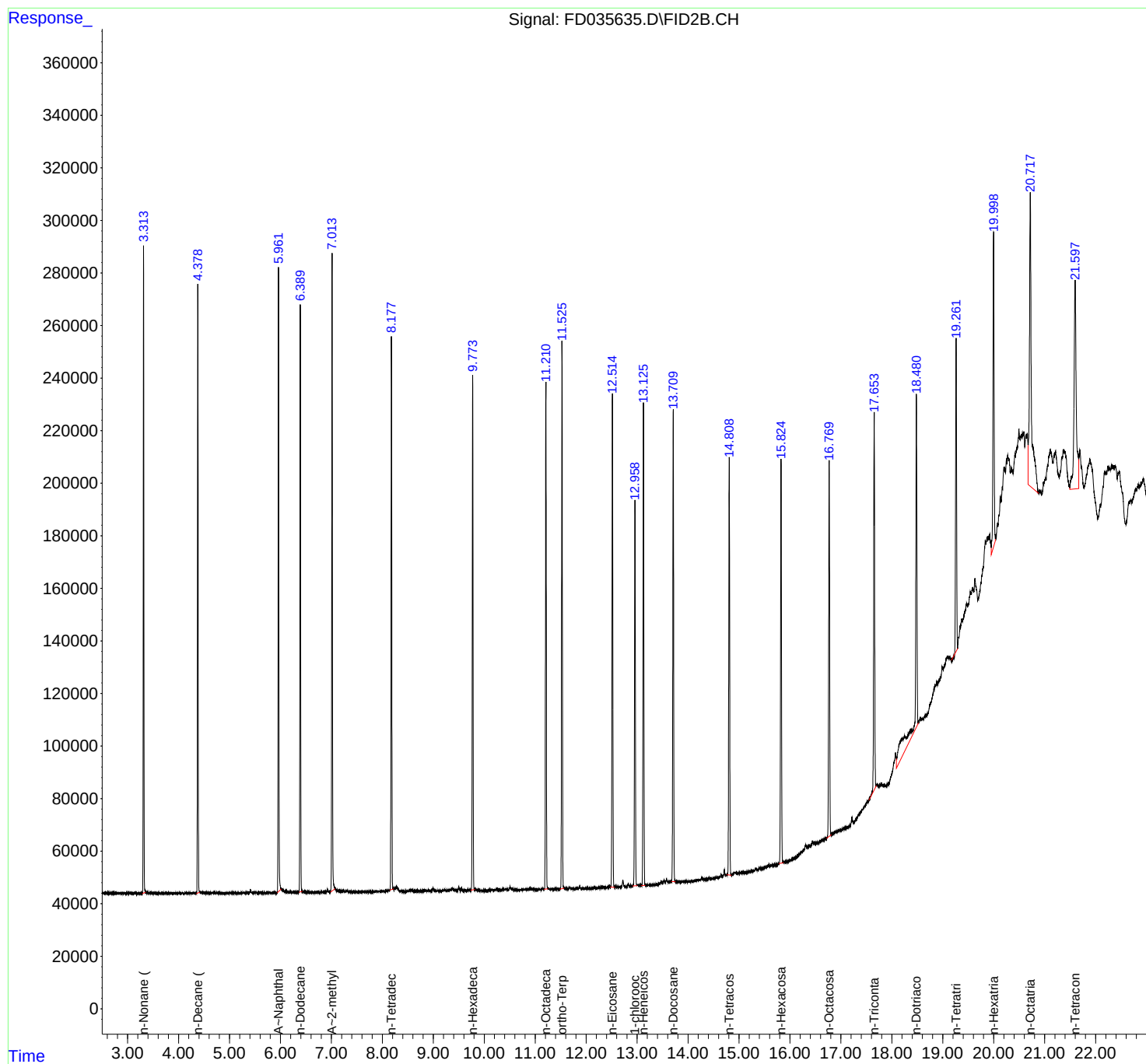
(f)=RT Delta > 1/2 Window

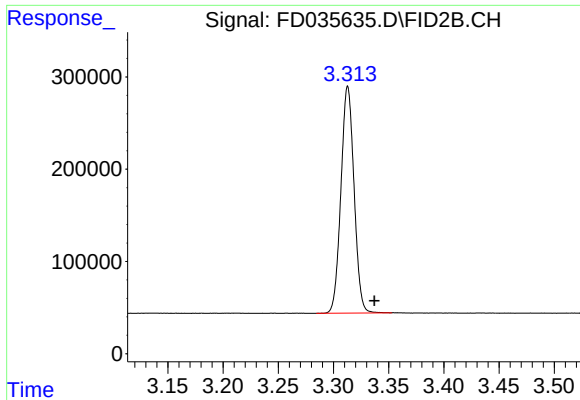
(m)=manual int.

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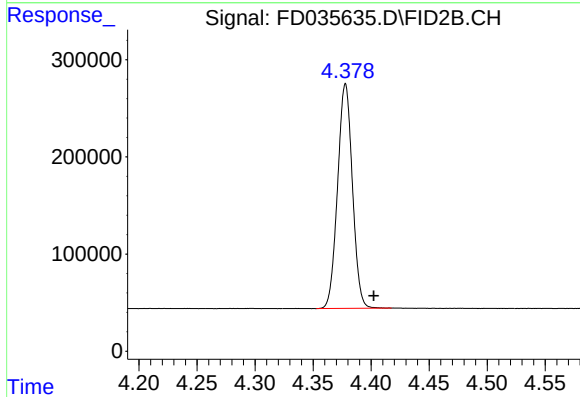
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Signal Info : 20M x 0.18mm x 0.18um





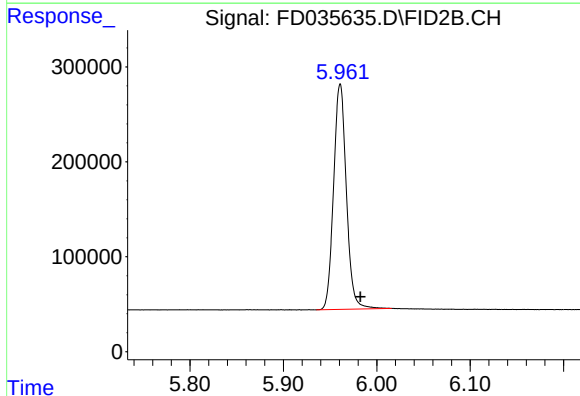
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.024 min
Response: 2033835
Conc: 18.06 ug/ml



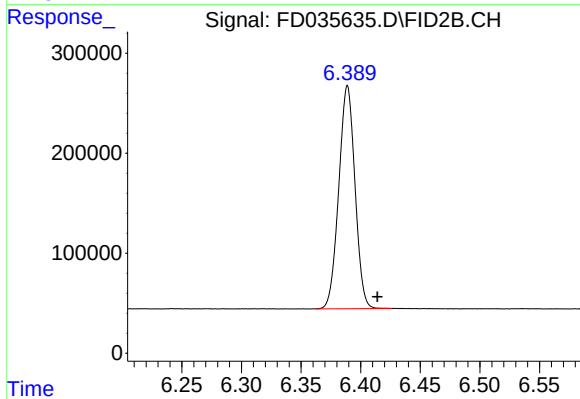
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.024 min
Response: 2057729
Conc: 18.21 ug/ml



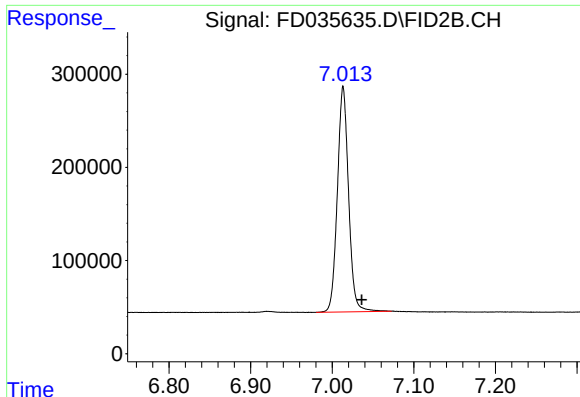
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.022 min
Response: 2257392
Conc: 18.46 ug/ml



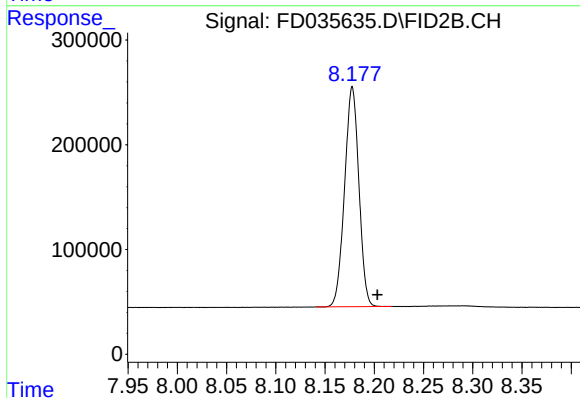
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.025 min
Response: 2111401
Conc: 18.26 ug/ml



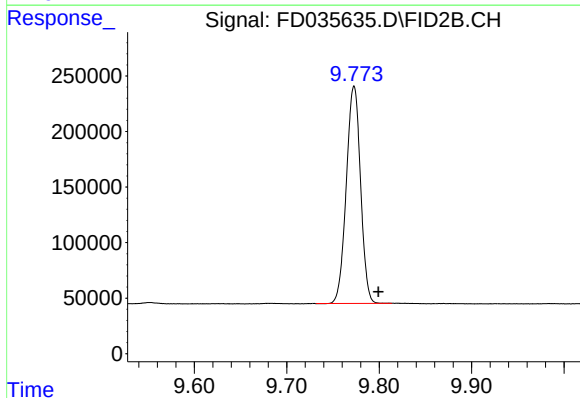
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: -0.023 min
Response: 2307289
Conc: 18.44 ug/ml



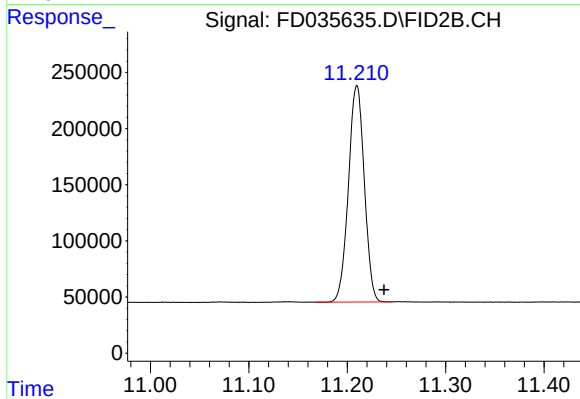
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.026 min
Response: 2125066
Conc: 18.45 ug/ml



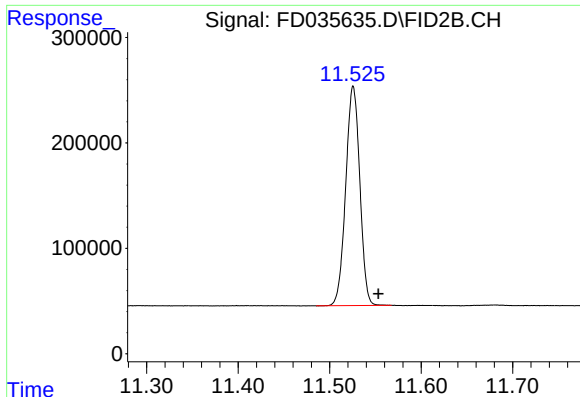
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.026 min
Response: 2095067
Conc: 18.34 ug/ml



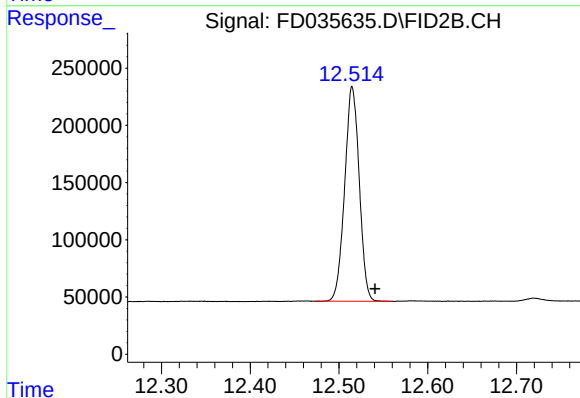
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.027 min
Response: 2159523
Conc: 17.90 ug/ml



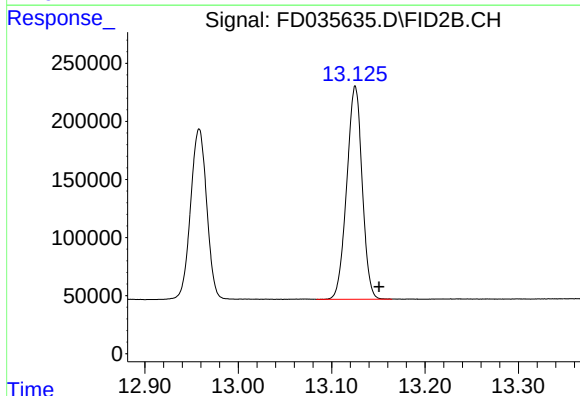
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.028 min
Response: 2227537
Conc: 17.12 ug/ml



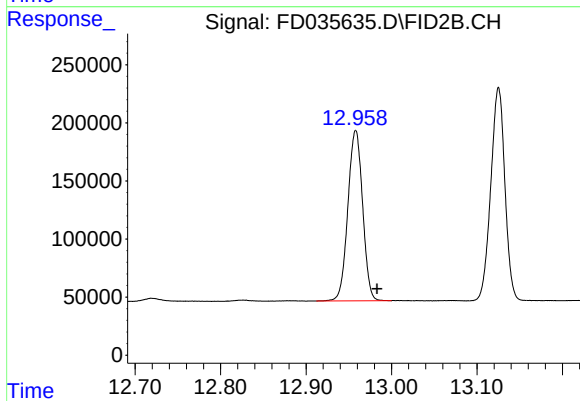
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.026 min
Response: 2142263
Conc: 17.47 ug/ml



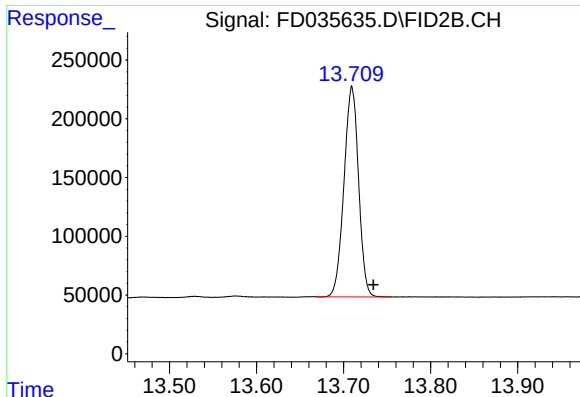
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.026 min
Response: 2104732
Conc: 17.12 ug/ml



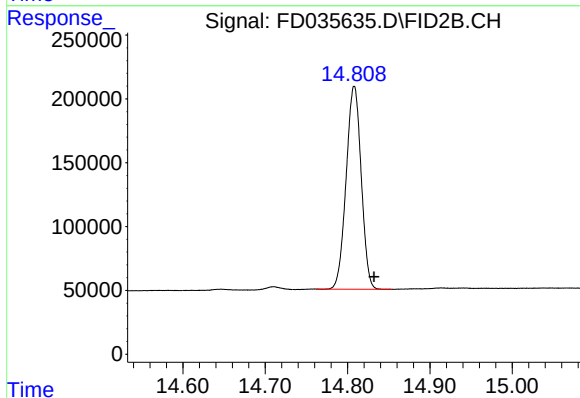
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.025 min
Response: 1758696
Conc: 16.88 ug/ml



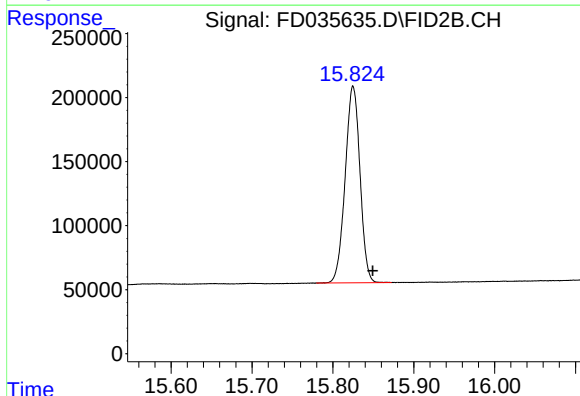
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.025 min
Response: 2086238
Conc: 16.92 ug/ml



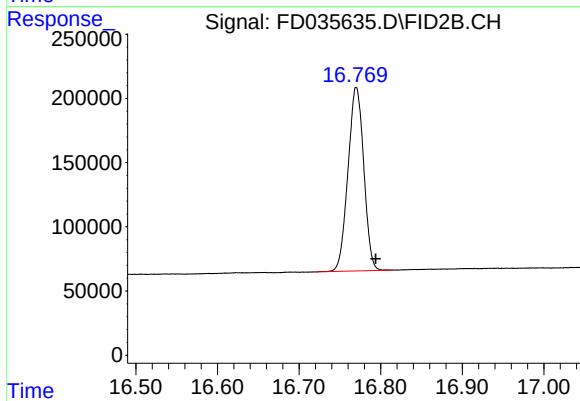
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.024 min
Response: 2021080
Conc: 16.34 ug/ml



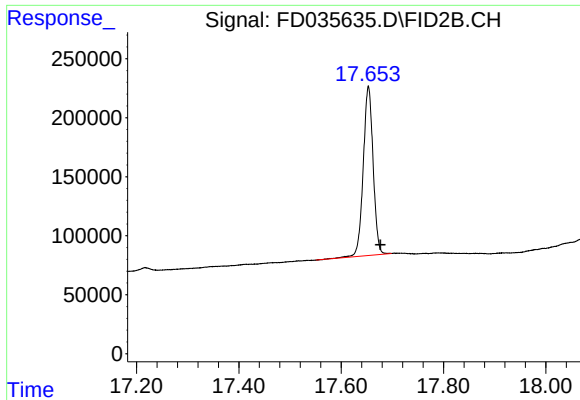
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.024 min
Response: 1952480
Conc: 15.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: -0.024 min
Response: 1921396
Conc: 15.61 ug/ml



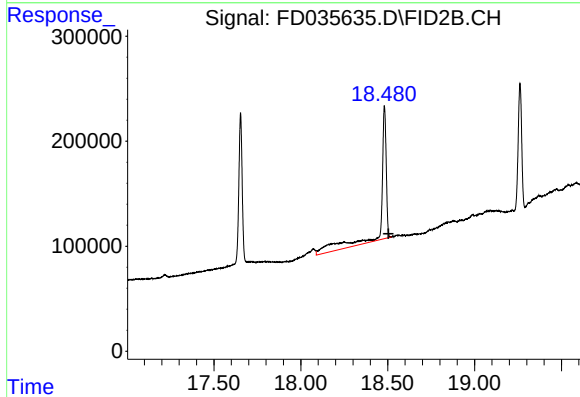
#17 n-Tricontane (C30)

R.T.: 17.653 min

Delta R.T.: -0.023 min

Response: 1920477

Conc: 15.89 ug/ml



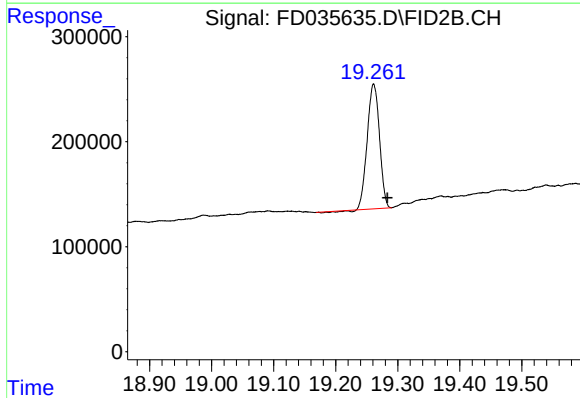
#18 n-Dotriacontane (C32)

R.T.: 18.481 min

Delta R.T.: -0.023 min

Response: 2735119

Conc: 24.33 ug/ml



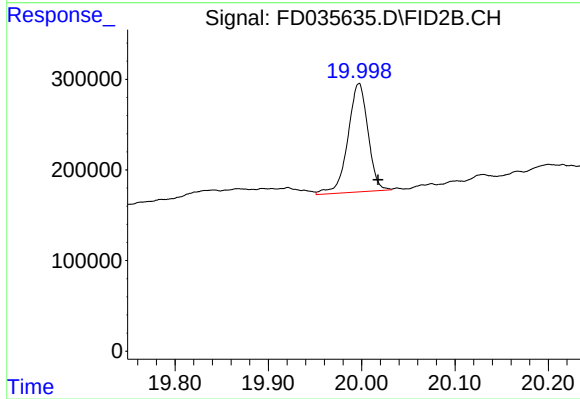
#19 n-Tetratriacontane (C34)

R.T.: 19.261 min

Delta R.T.: -0.022 min

Response: 1625772

Conc: 15.49 ug/ml



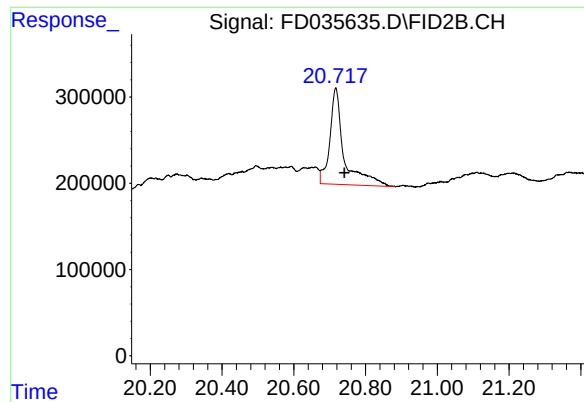
#20 n-Hexatriacontane (C36)

R.T.: 19.997 min

Delta R.T.: -0.021 min

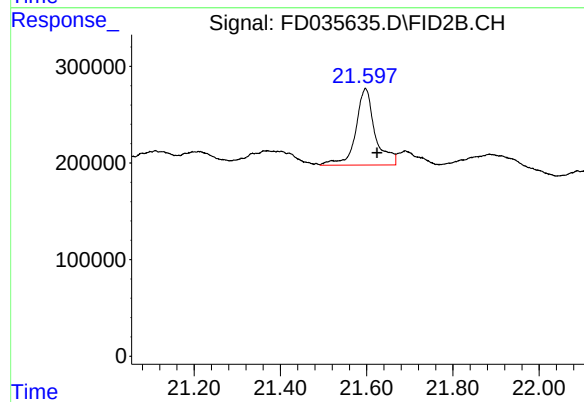
Response: 1790287

Conc: 18.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.024 min
Response: 3081373
Conc: 34.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.027 min
Response: 2471283
Conc: 28.16 ug/ml