

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
 Data File : FD043225.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2022 16:52
 Operator : YP/AJ
 Sample : N3214-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:24:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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			
12) S 1-chlorooctadecane (S...	12.968	3025383	21.851 ug/ml
Spiked Amount 50.000		Recovery =	43.70%
Target Compounds			
1) T n-Nonane (C9)	3.312	146945	0.980 ug/ml
2) T n-Decane (C10)	4.377	182390	1.222 ug/ml
4) T n-Dodecane (C12)	6.392	308582	2.019 ug/ml
6) T n-Tetradecane (C14)	8.184	229450	1.491 ug/ml
7) T n-Hexadecane (C16)	9.780	231989	1.485 ug/ml
8) T n-Octadecane (C18)	11.218	282706	1.785 ug/ml
10) T n-Eicosane (C20)	12.523	276466	1.742 ug/ml
11) T n-Heneicosane (C21)	13.133	269550	1.688 ug/ml
13) T n-Docosane (C22)	13.718	340204	2.129 ug/ml
14) T n-Tetracosane (C24)	14.817	455365	2.836 ug/ml
15) T n-Hexacosane (C26)	15.834	481415	3.030 ug/ml
16) T n-Octacosane (C28)	16.781	558419	3.563 ug/ml
17) T n-Tricontane (C30)	17.665	611804	4.031 ug/ml
18) T n-Dotriacontane (C32)	18.495	606745	4.309 ug/ml
19) T n-Tetratriacontane (C34)	19.275	427327	3.356 ug/ml
20) T n-Hexatriacontane (C36)	20.013	294326	2.557 ug/ml
21) T n-Octatriacontane (C38)	20.733	225920	2.097 ug/ml
22) T n-Tetracontane (C40)	21.607f	190460	1.792 ug/ml

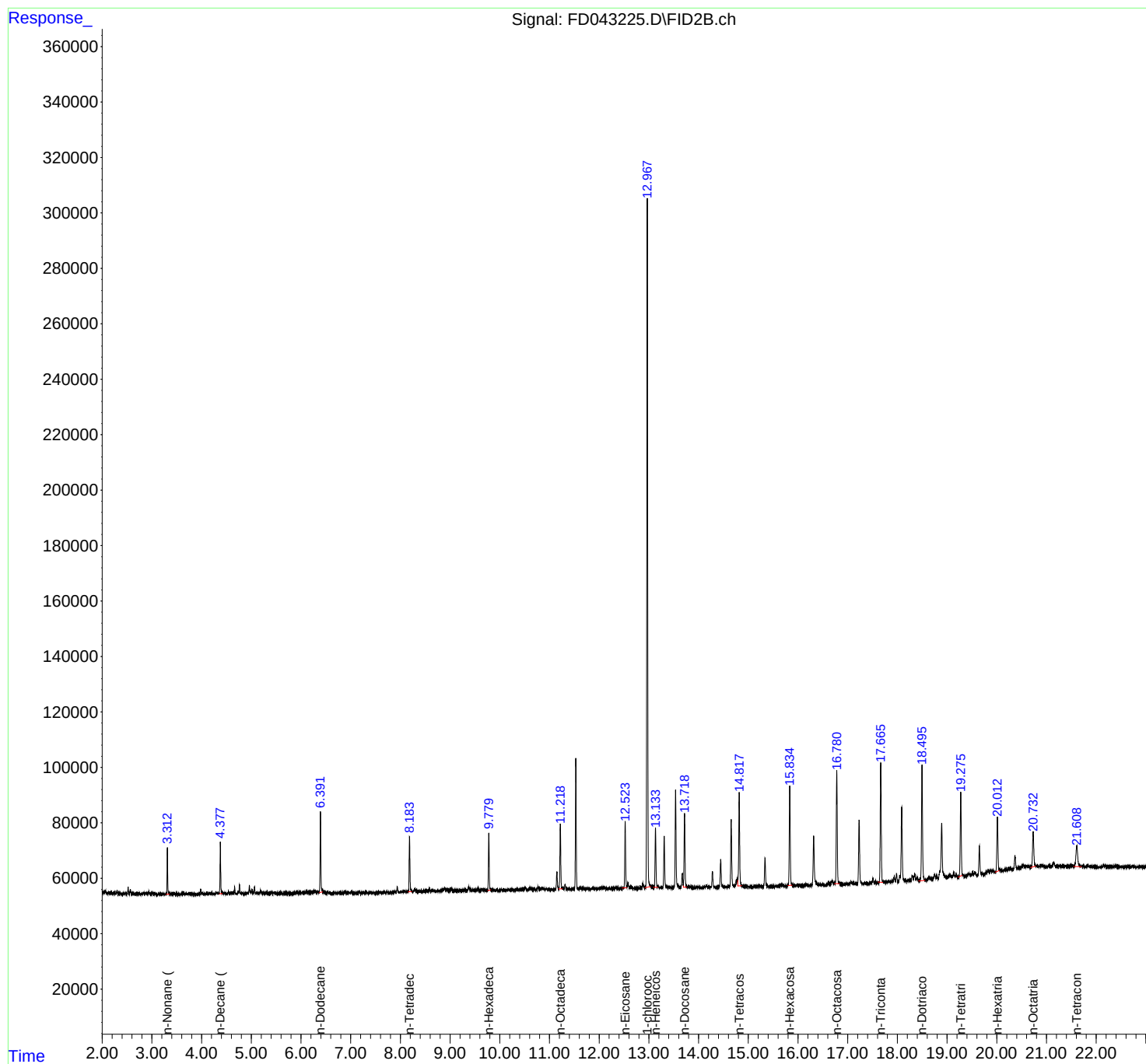
(f)=RT Delta > 1/2 Window

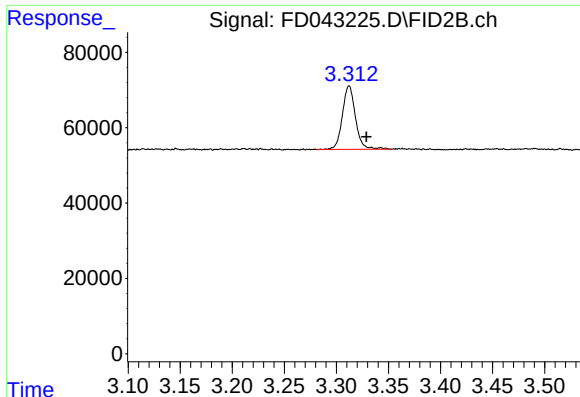
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
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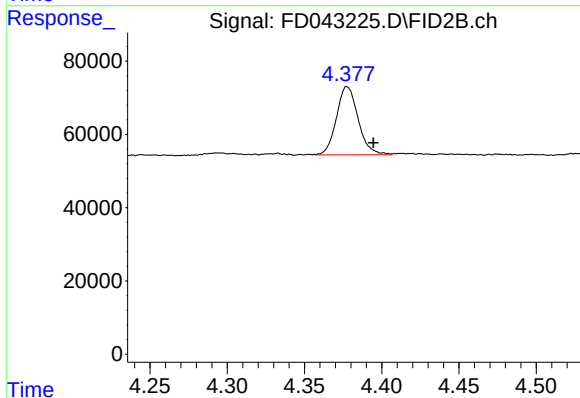
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





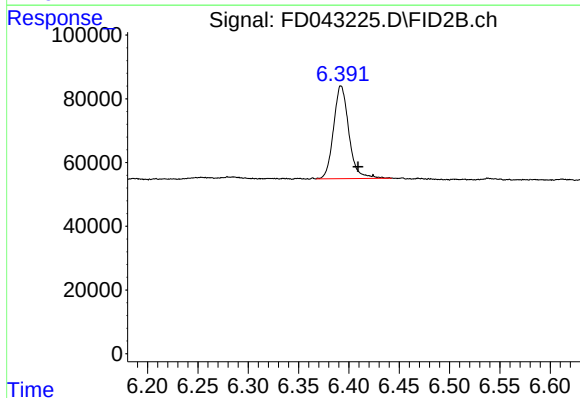
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.017 min
Response: 146945
Conc: 0.98 ug/ml



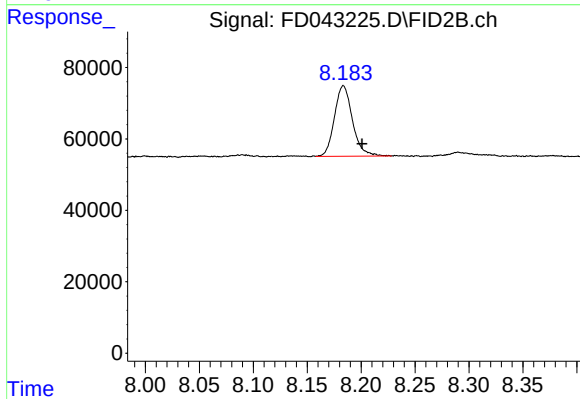
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.018 min
Response: 182390
Conc: 1.22 ug/ml m



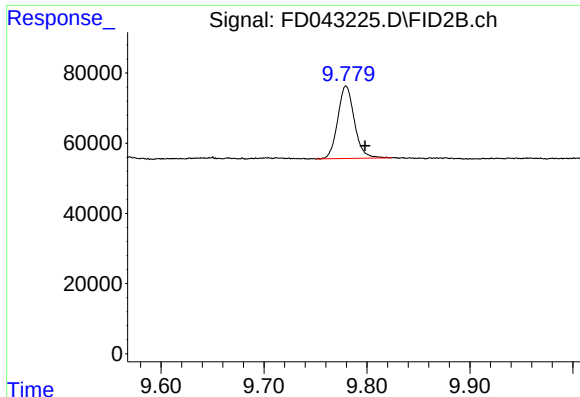
#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: -0.017 min
Response: 308582
Conc: 2.02 ug/ml



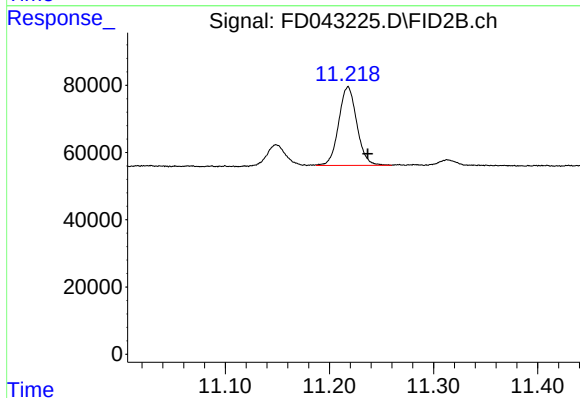
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.017 min
Response: 229450
Conc: 1.49 ug/ml



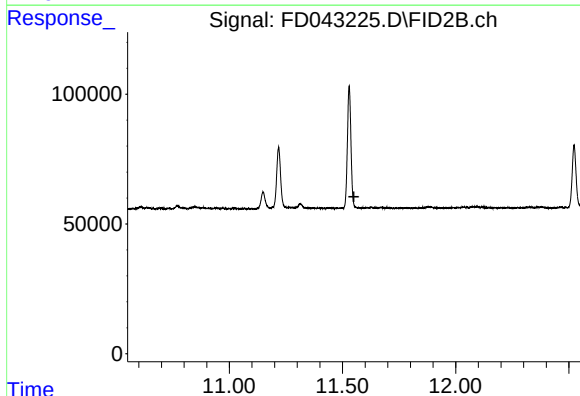
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.019 min
Response: 231989
Conc: 1.48 ug/ml



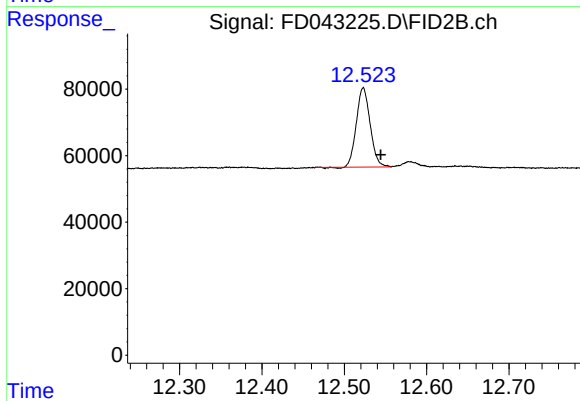
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.019 min
Response: 282706
Conc: 1.78 ug/ml



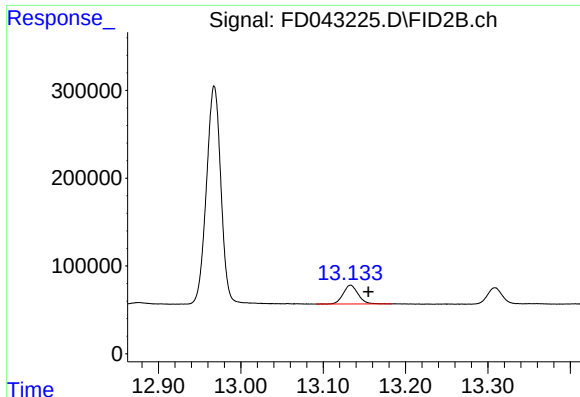
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.550 min
Response: 0
Conc: N.D.



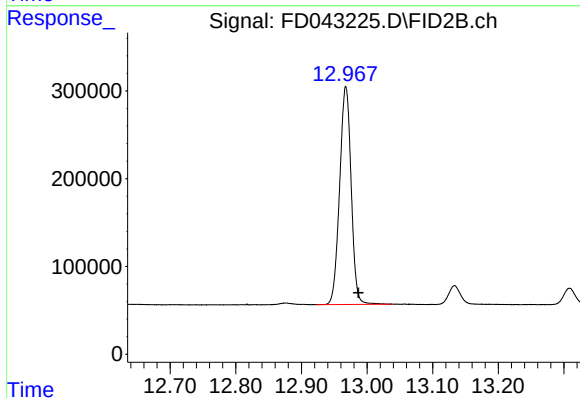
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.021 min
Response: 276466
Conc: 1.74 ug/ml



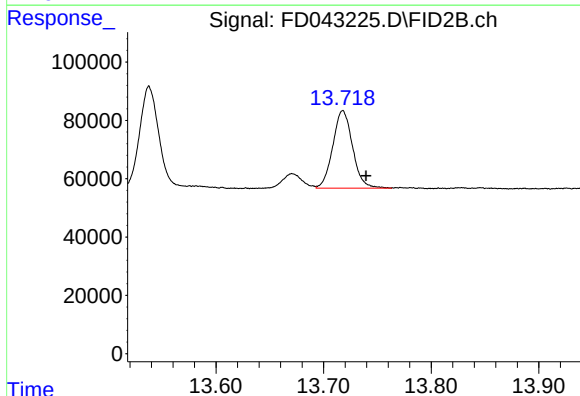
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.022 min
Response: 269550
Conc: 1.69 ug/ml



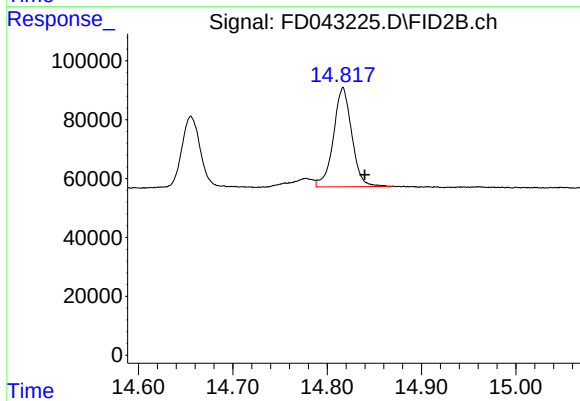
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.019 min
Response: 3025383
Conc: 21.85 ug/ml



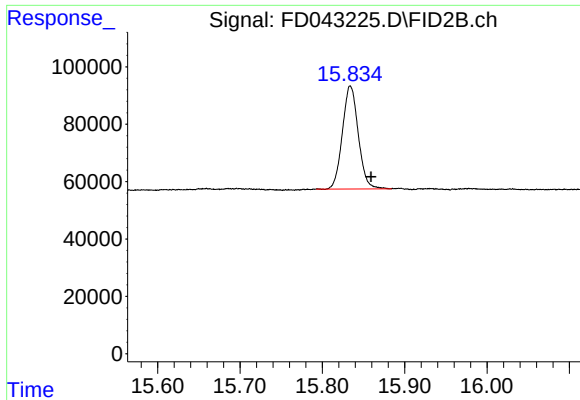
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.022 min
Response: 340204
Conc: 2.13 ug/ml



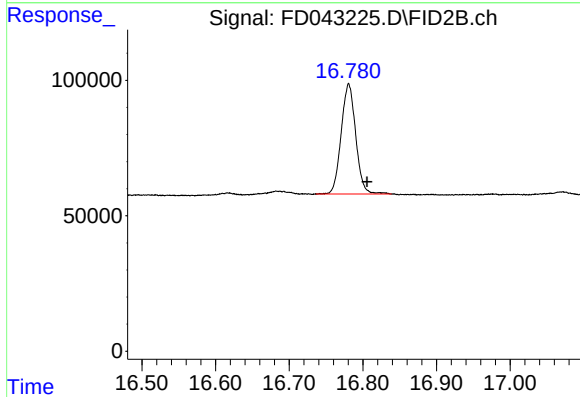
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: -0.023 min
Response: 455365
Conc: 2.84 ug/ml



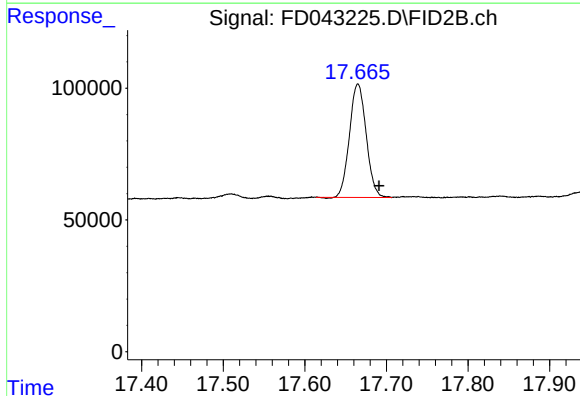
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.025 min
Response: 481415
Conc: 3.03 ug/ml



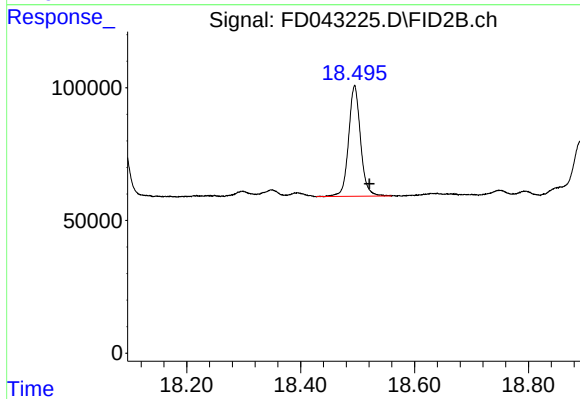
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.025 min
Response: 558419
Conc: 3.56 ug/ml



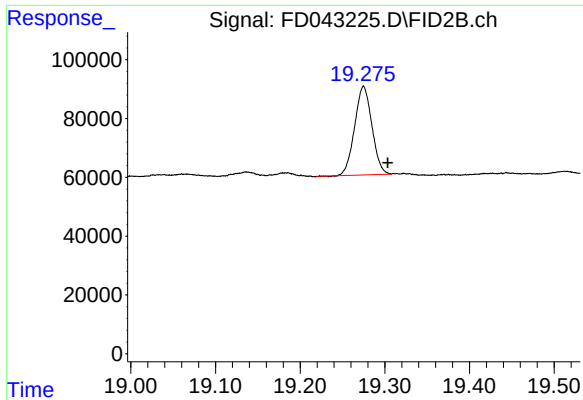
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.026 min
Response: 611804
Conc: 4.03 ug/ml



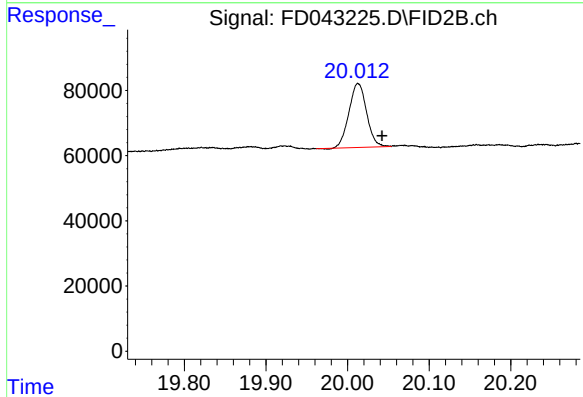
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.026 min
Response: 606745
Conc: 4.31 ug/ml



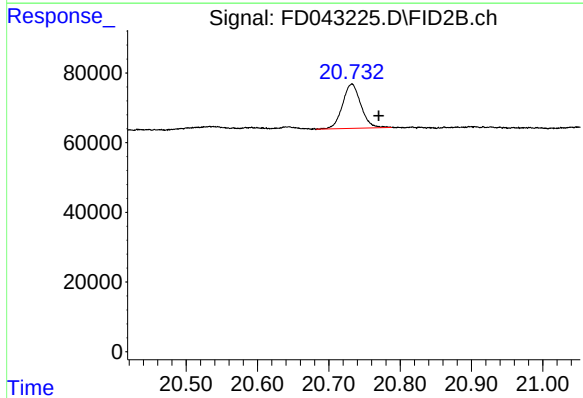
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: -0.028 min
Response: 427327
Conc: 3.36 ug/ml



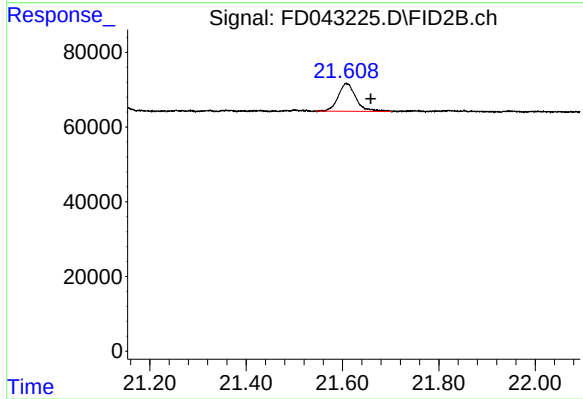
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.029 min
Response: 294326
Conc: 2.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.037 min
Response: 225920
Conc: 2.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: -0.052 min
Response: 190460
Conc: 1.79 ug/ml