

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021424AL\
 Data File : FF014033.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 11:31
 Operator : YP\AJ
 Sample : P1187-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 00:29:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 2024
 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			
9) S ortho-Terphenyl (SURR)	11.854	726444	4.994 ug/ml
Spiked Amount 50.000		Recovery =	9.99%
12) S 1-chlorooctadecane (S...	13.297	4257755	39.455 ug/ml
Spiked Amount 50.000		Recovery =	78.91%
Target Compounds			
1) T n-Nonane (C9)	3.258	191871	1.550 ug/ml
2) T n-Decane (C10)	4.506	235765	1.866 ug/ml
4) T n-Dodecane (C12)	6.668	365113	2.854 ug/ml
6) T n-Tetradecane (C14)	8.492	297519	2.349 ug/ml
7) T n-Hexadecane (C16)	10.100	303442	2.294 ug/ml
8) T n-Octadecane (C18)	11.541	349433	2.567 ug/ml
10) T n-Eicosane (C20)	12.851	384220	2.903 ug/ml
11) T n-Heneicosane (C21)	13.463	366197	2.803 ug/ml
13) T n-Docosane (C22)	14.049	394888	3.045 ug/ml
14) T n-Tetracosane (C24)	15.155	518779	4.040 ug/ml
15) T n-Hexacosane (C26)	16.177	448073	3.604 ug/ml
16) T n-Octacosane (C28)	17.127	508683	4.272 ug/ml
17) T n-Tricontane (C30)	18.015	509931	4.339 ug/ml
18) T n-Dotriacontane (C32)	18.849	496484	4.385 ug/ml
19) T n-Tetratriacontane (C34)	19.633	410960	3.833 ug/ml
20) T n-Hexatriacontane (C36)	20.374	371391	3.690 ug/ml
21) T n-Octatriacontane (C38)	21.100	397199	3.817 ug/ml
22) T n-Tetracontane (C40)	21.986	482072	4.790 ug/ml

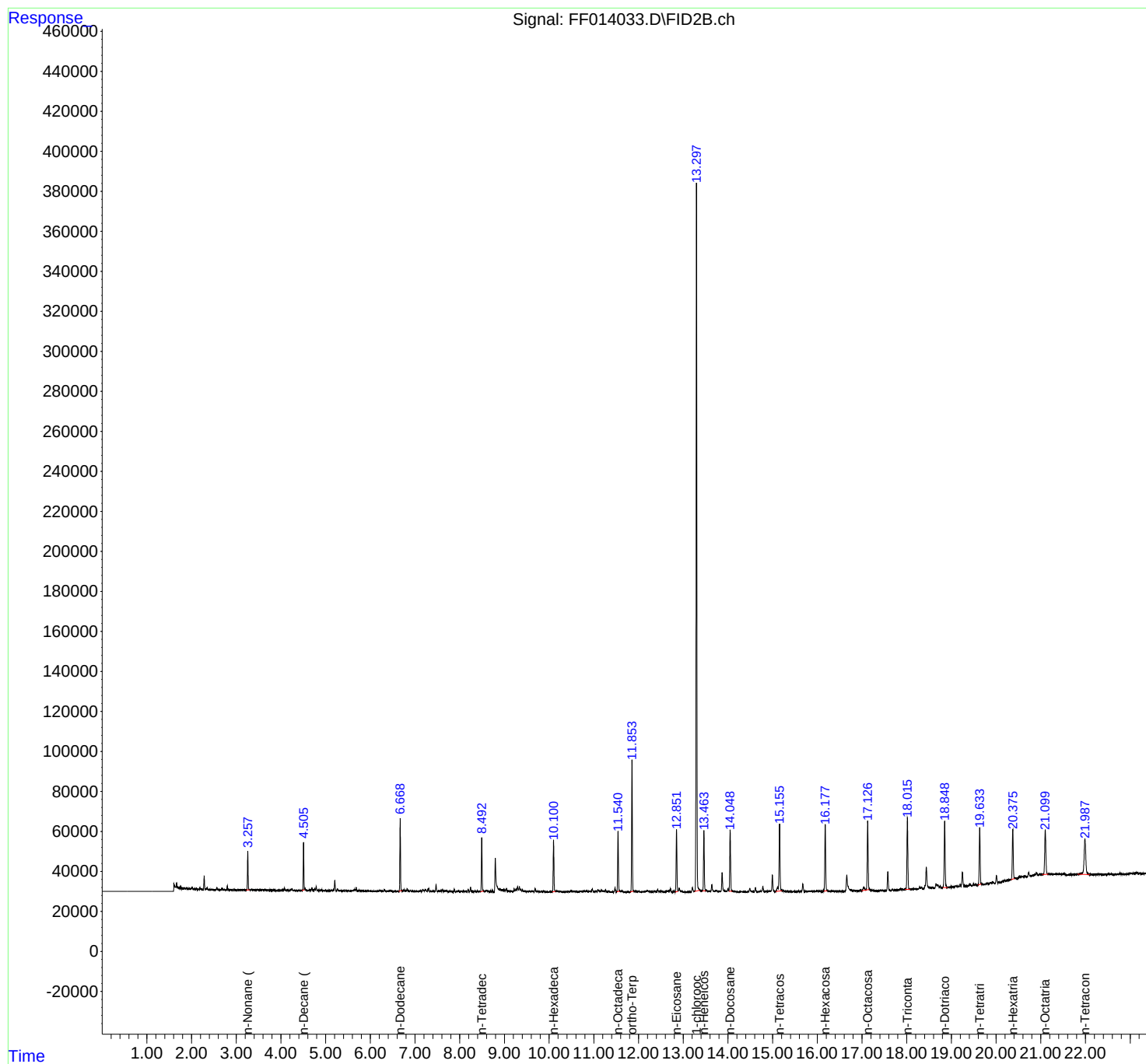
(f)=RT Delta > 1/2 Window

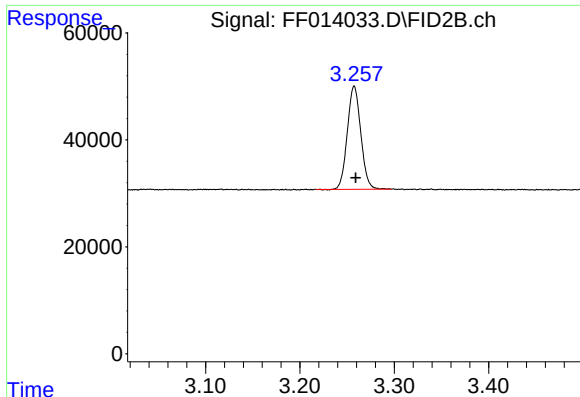
(m)=manual int.

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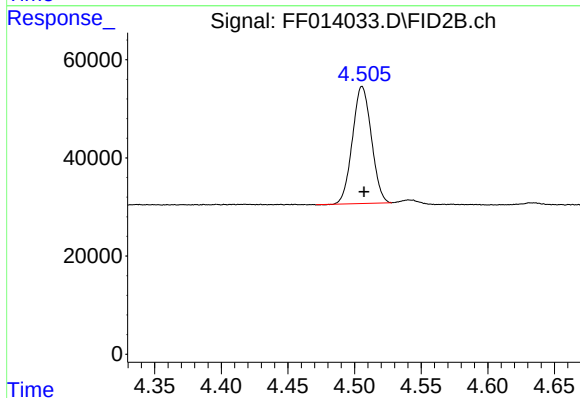
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





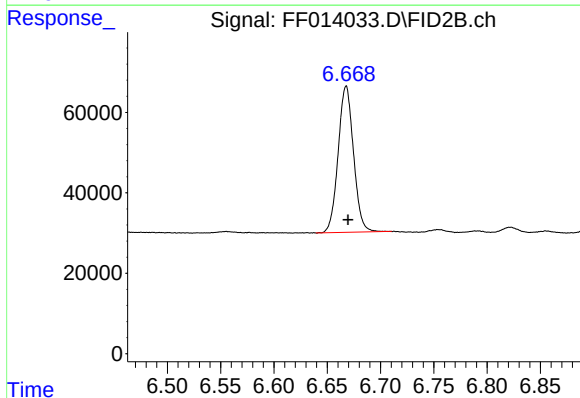
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.001 min
Response: 191871
Conc: 1.55 ug/ml



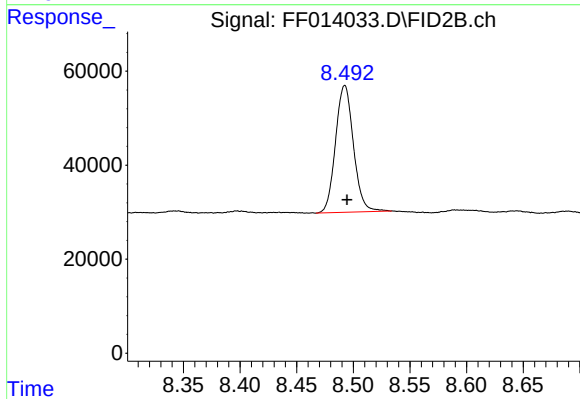
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 235765
Conc: 1.87 ug/ml



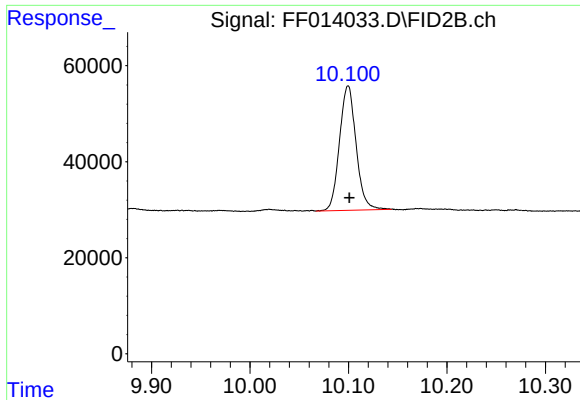
#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 365113
Conc: 2.85 ug/ml



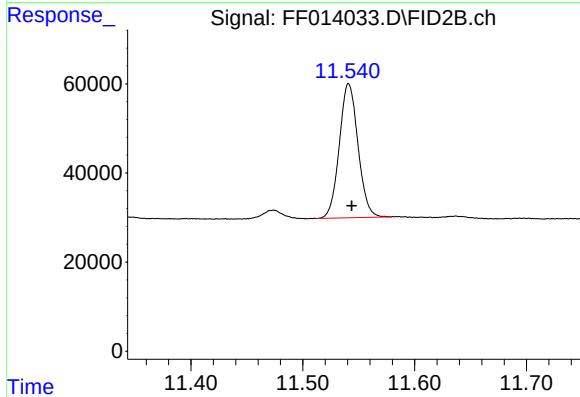
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 297519
Conc: 2.35 ug/ml



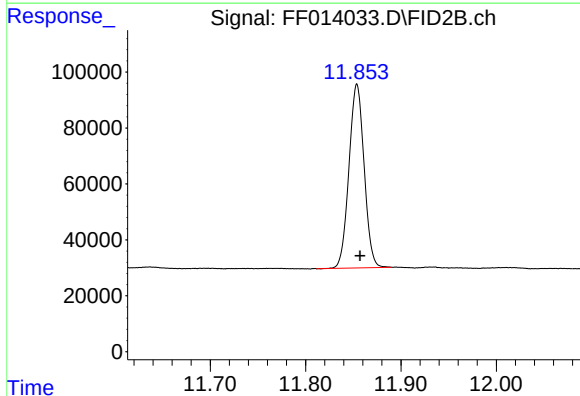
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.001 min
Response: 303442
Conc: 2.29 ug/ml



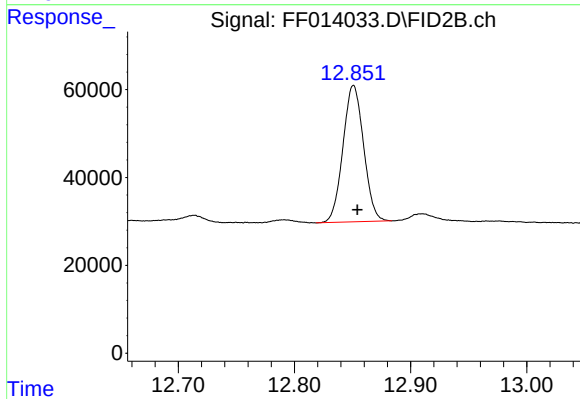
#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 349433
Conc: 2.57 ug/ml



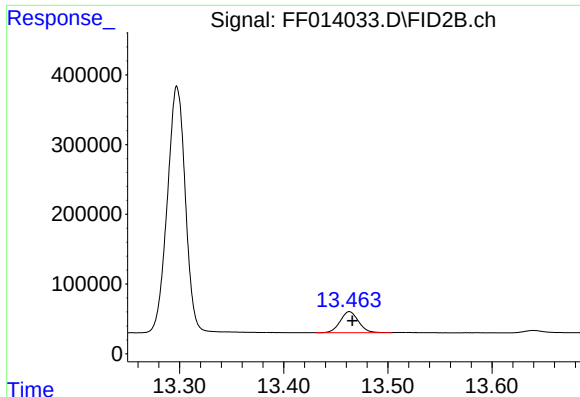
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: -0.003 min
Response: 726444
Conc: 4.99 ug/ml



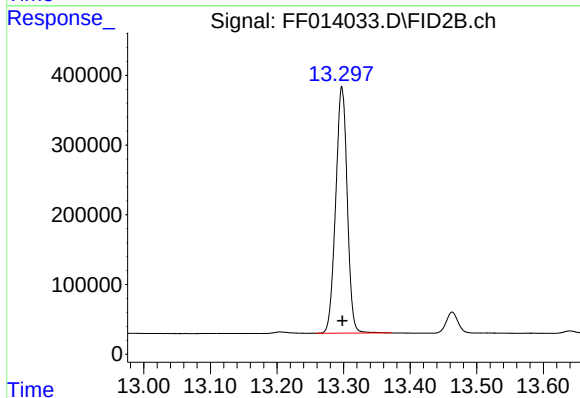
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.003 min
Response: 384220
Conc: 2.90 ug/ml



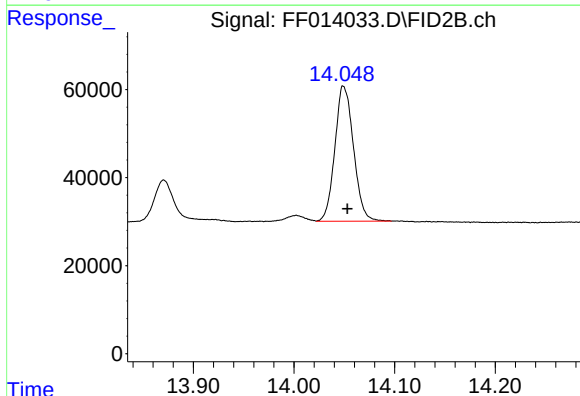
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.003 min
Response: 366197
Conc: 2.80 ug/ml



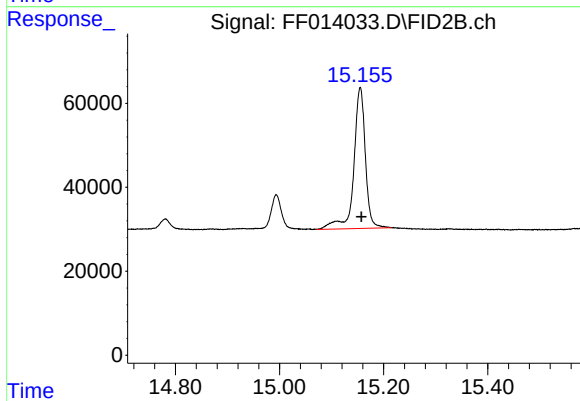
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 425775
Conc: 39.45 ug/ml



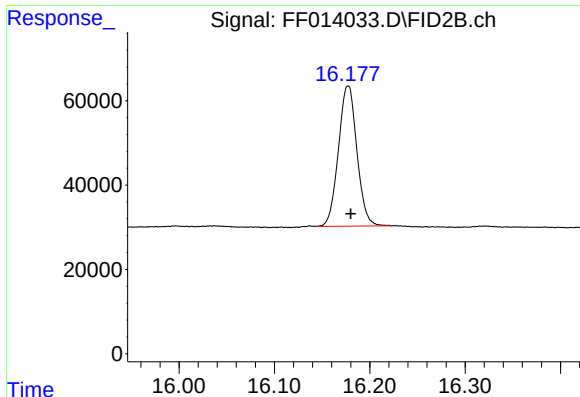
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.004 min
Response: 394888
Conc: 3.05 ug/ml



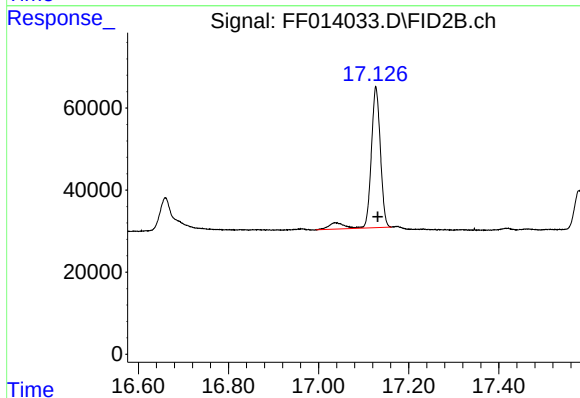
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.002 min
Response: 518779
Conc: 4.04 ug/ml



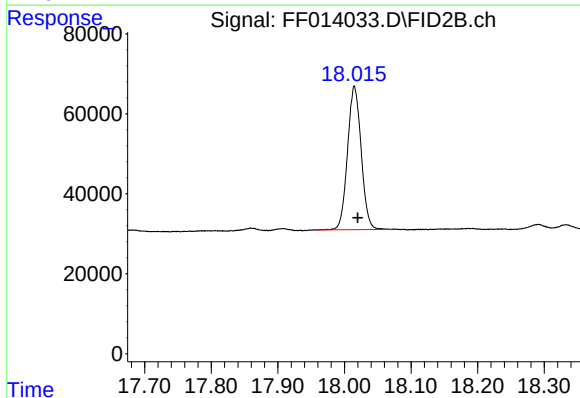
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: -0.003 min
Response: 448073
Conc: 3.60 ug/ml



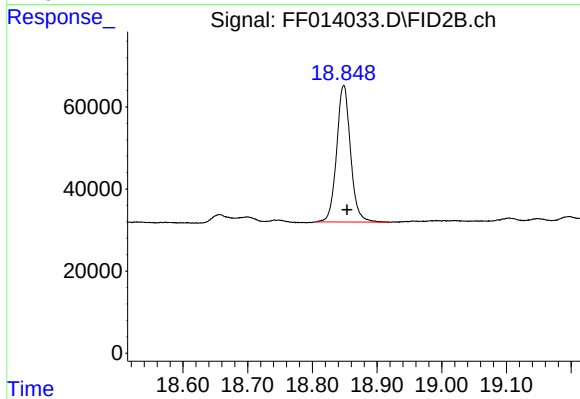
#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.004 min
Response: 508683
Conc: 4.27 ug/ml



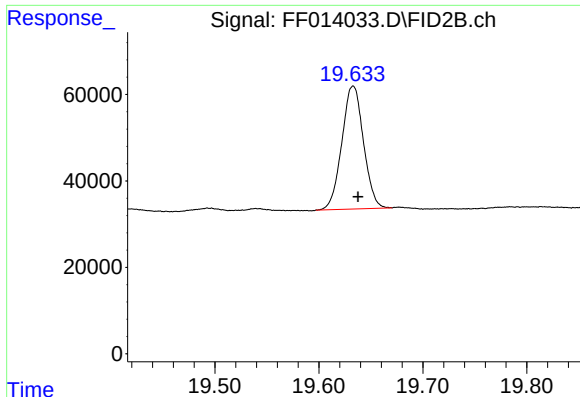
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.005 min
Response: 509931
Conc: 4.34 ug/ml



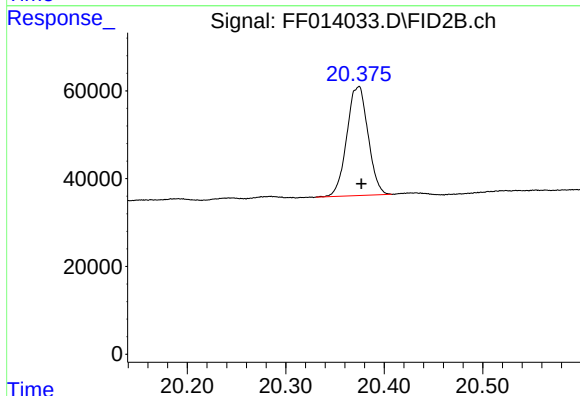
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.005 min
Response: 496484
Conc: 4.39 ug/ml



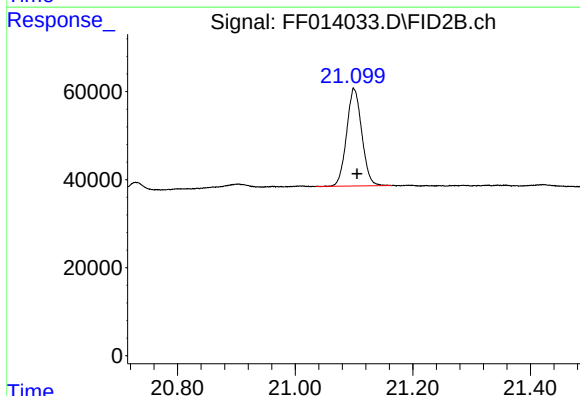
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.005 min
Response: 410960
Conc: 3.83 ug/ml



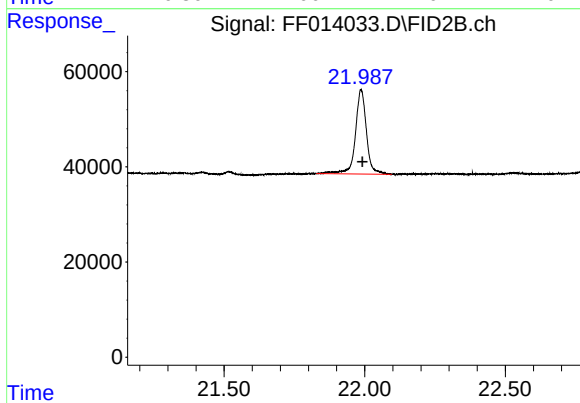
#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.003 min
Response: 371391
Conc: 3.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.006 min
Response: 397199
Conc: 3.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.005 min
Response: 482072
Conc: 4.79 ug/ml