

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021324AL\
 Data File : FF014024.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2024 14:14
 Operator : YP\AJ
 Sample : P1187-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 22:57:24 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			
12) S 1-chlorooctadecane (S...	13.300	4690840	43.468 ug/ml
Spiked Amount 50.000		Recovery =	86.94%
Target Compounds			
1) T n-Nonane (C9)	3.259	466093	3.764 ug/ml
2) T n-Decane (C10)	4.506	585831	4.635 ug/ml
4) T n-Dodecane (C12)	6.668	658836	5.149 ug/ml
6) T n-Tetradecane (C14)	8.493	656656	5.184 ug/mlm
7) T n-Hexadecane (C16)	10.100	680099	5.142 ug/ml
8) T n-Octadecane (C18)	11.542	735747	5.404 ug/ml
10) T n-Eicosane (C20)	12.853	798733	6.034 ug/ml
11) T n-Heneicosane (C21)	13.466	769803	5.892 ug/ml
13) T n-Docosane (C22)	14.052	776506	5.988 ug/ml
14) T n-Tetracosane (C24)	15.157	795429	6.195 ug/ml
15) T n-Hexacosane (C26)	16.179	755455	6.076 ug/mlm
16) T n-Octacosane (C28)	17.129	748925	6.290 ug/ml
17) T n-Tricontane (C30)	18.019	773728	6.583 ug/ml
18) T n-Dotriacontane (C32)	18.852	795057	7.022 ug/ml
19) T n-Tetratriacontane (C34)	19.636	719258	6.708 ug/ml
20) T n-Hexatriacontane (C36)	20.375	672061	6.678 ug/mlm
21) T n-Octatriacontane (C38)	21.104	627239	6.028 ug/ml
22) T n-Tetracontane (C40)	21.992	614956	6.111 ug/mlm

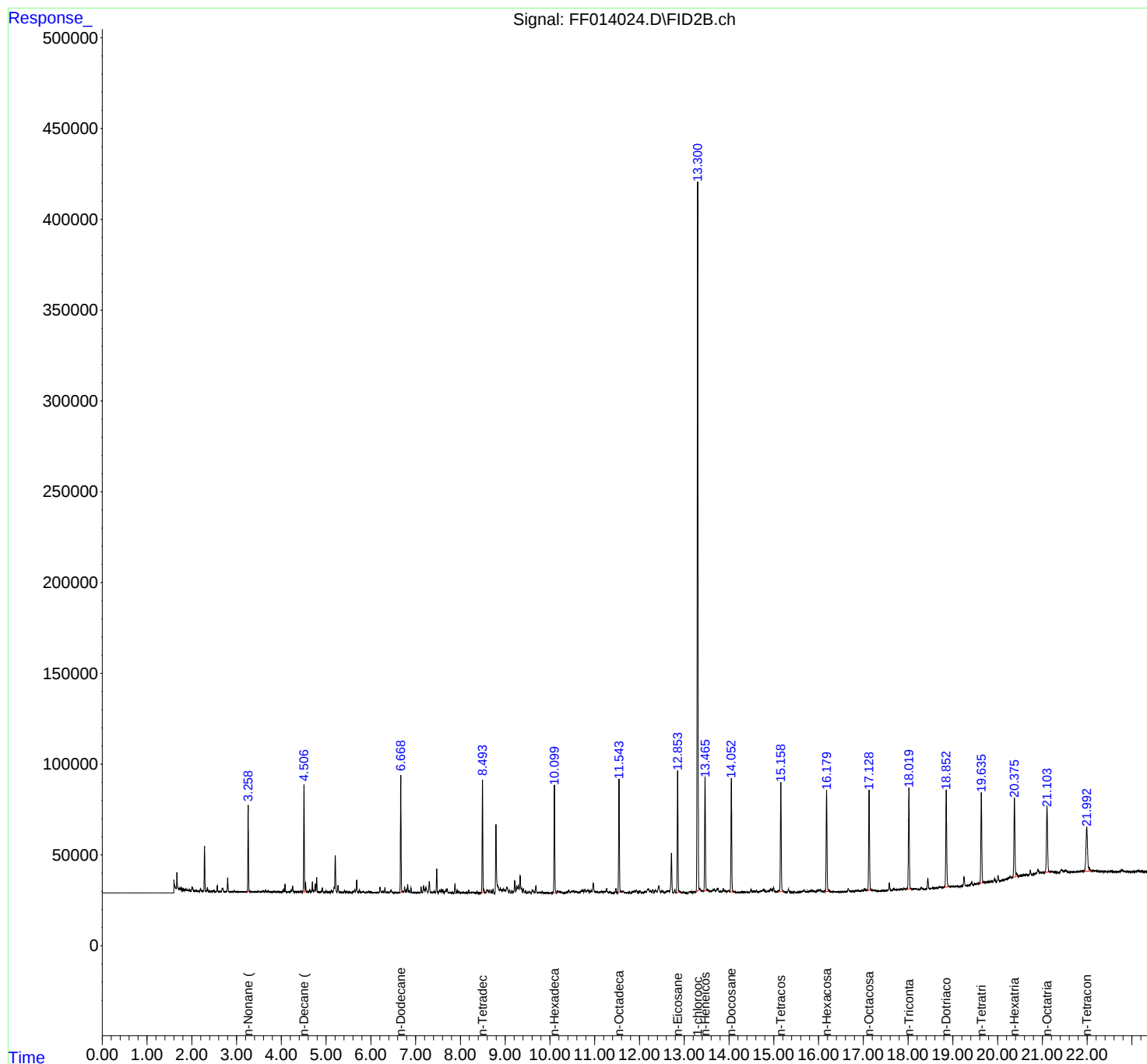
(f)=RT Delta > 1/2 Window

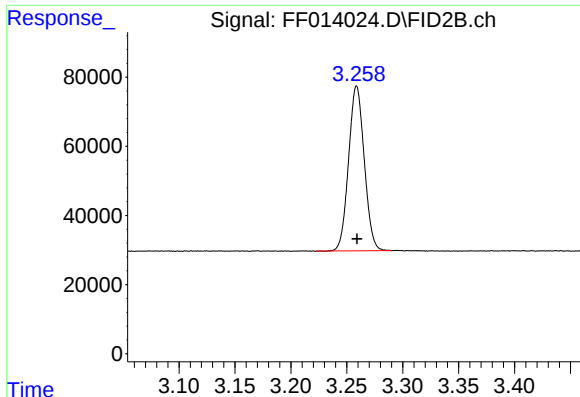
(m)=manual int.

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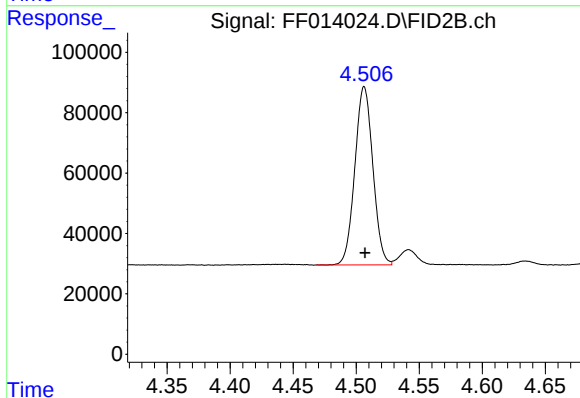
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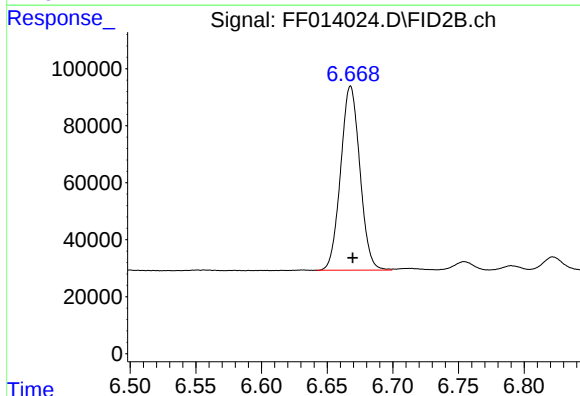
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 466093
Conc: 3.76 ug/ml



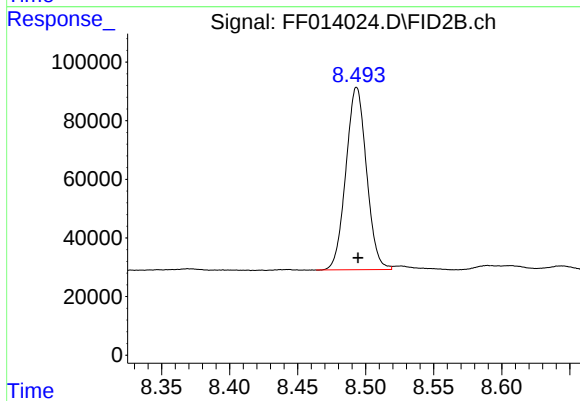
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 585831
Conc: 4.64 ug/ml



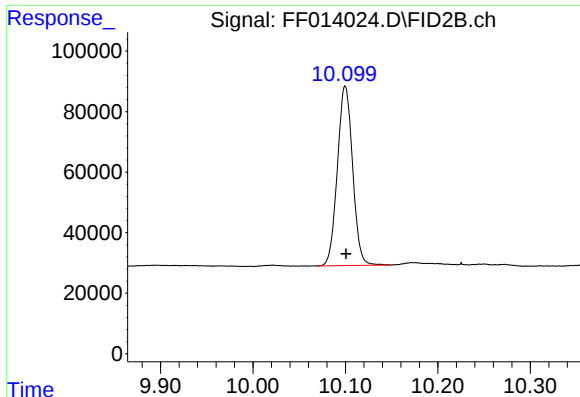
#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 658836
Conc: 5.15 ug/ml



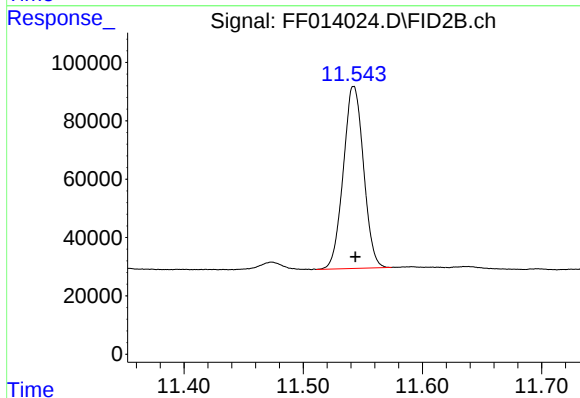
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.002 min
Response: 656656
Conc: 5.18 ug/ml m



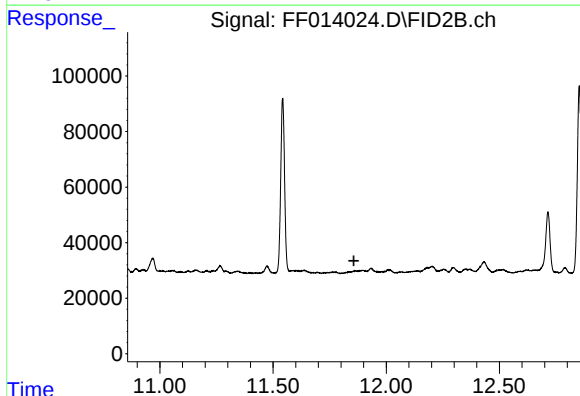
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.001 min
Response: 680099
Conc: 5.14 ug/ml



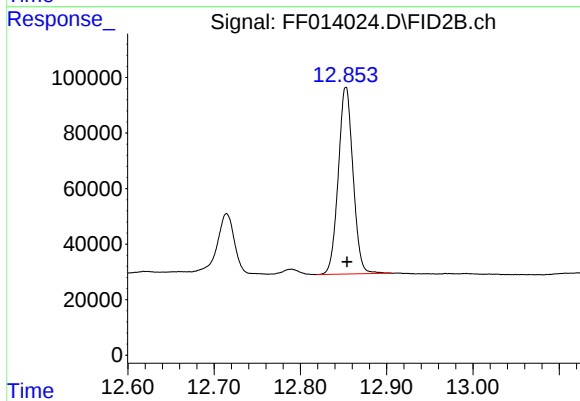
#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: -0.001 min
Response: 735747
Conc: 5.40 ug/ml



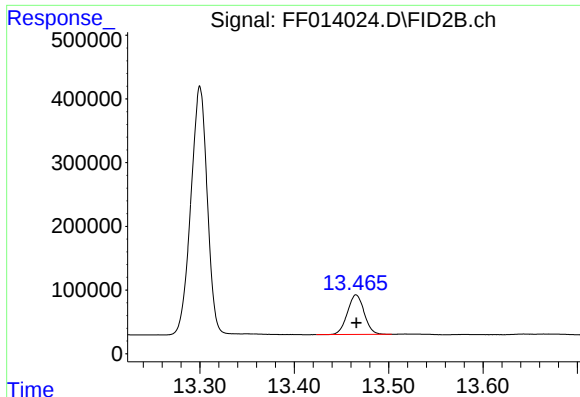
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.857 min
Response: 0
Conc: N.D.



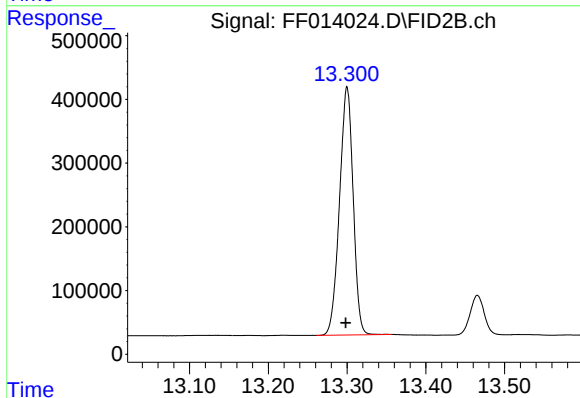
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.001 min
Response: 798733
Conc: 6.03 ug/ml



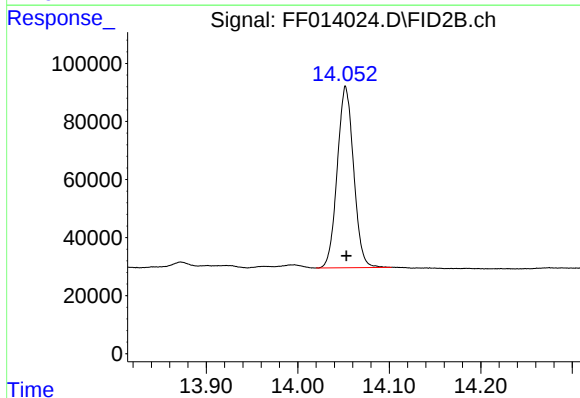
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.000 min
Response: 769803
Conc: 5.89 ug/ml



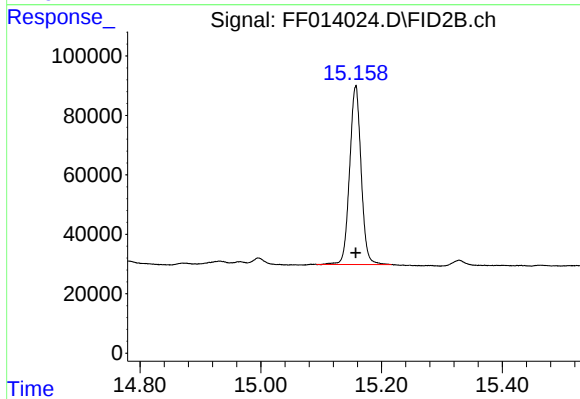
#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min
Delta R.T.: 0.002 min
Response: 4690840
Conc: 43.47 ug/ml



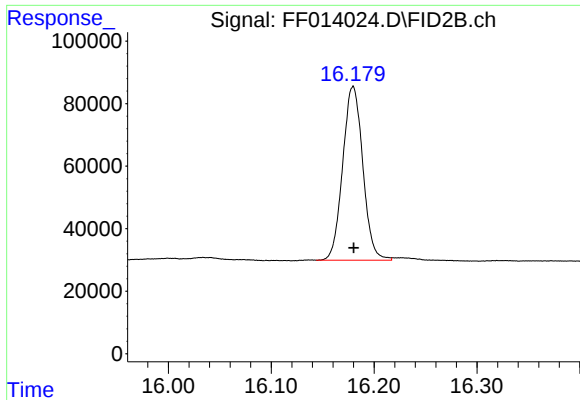
#13 n-Docosane (C22)

R.T.: 14.052 min
Delta R.T.: 0.000 min
Response: 776506
Conc: 5.99 ug/ml



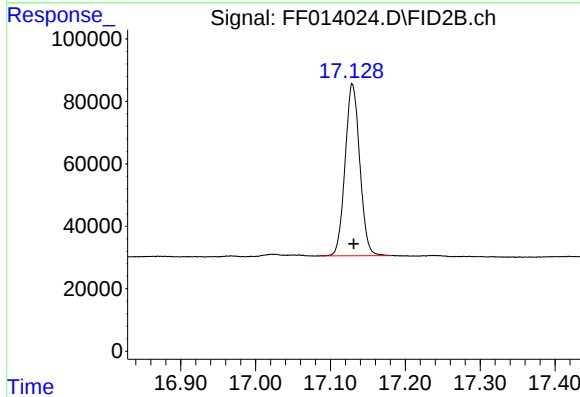
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: 0.000 min
Response: 795429
Conc: 6.19 ug/ml



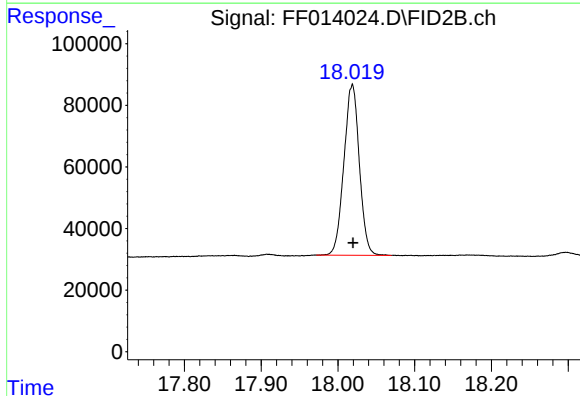
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 755455
Conc: 6.08 ug/ml m



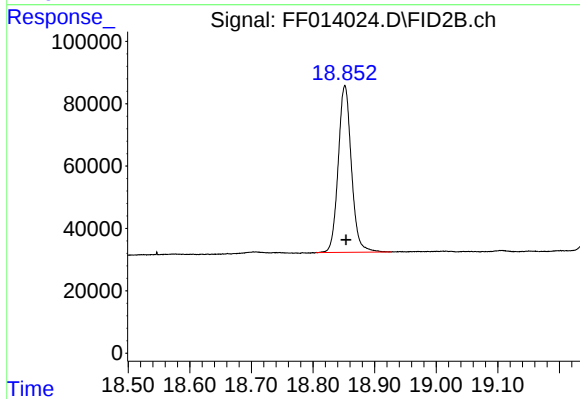
#16 n-Octacosane (C28)

R.T.: 17.129 min
Delta R.T.: -0.002 min
Response: 748925
Conc: 6.29 ug/ml



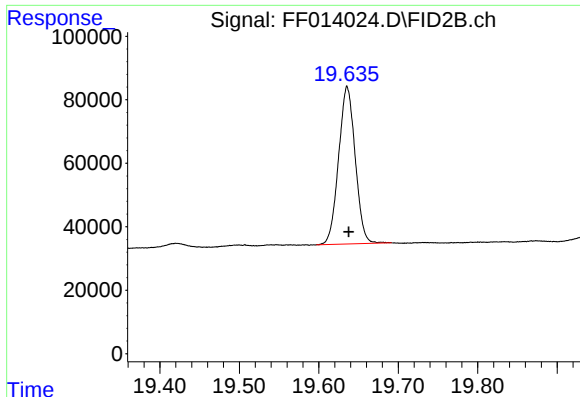
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.001 min
Response: 773728
Conc: 6.58 ug/ml



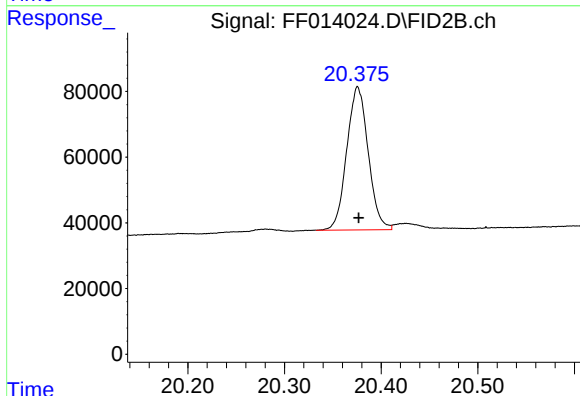
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.002 min
Response: 795057
Conc: 7.02 ug/ml



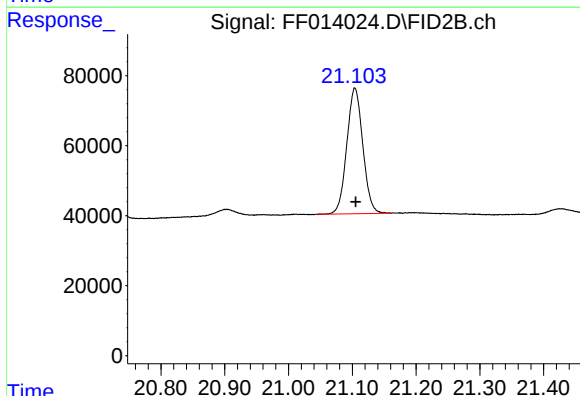
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.002 min
Response: 719258
Conc: 6.71 ug/ml



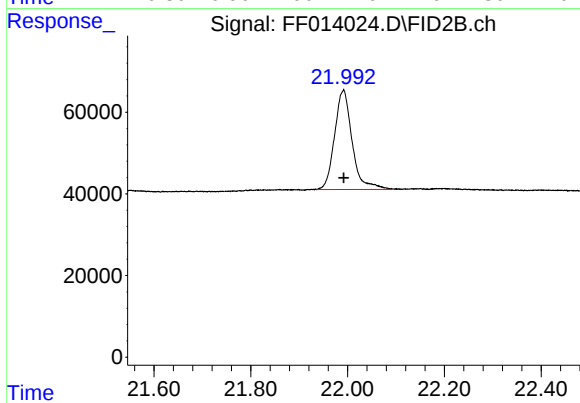
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.002 min
Response: 672061
Conc: 6.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.001 min
Response: 627239
Conc: 6.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 614956
Conc: 6.11 ug/ml m