

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020124AL\
 Data File : FC065582.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2024 13:29
 Operator : YP/AJ
 Sample : P1187-01
 Misc : LOD 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 08:06:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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...	12.925	5091137	37.769 ug/ml
Spiked Amount 50.000		Recovery =	75.54%
Target Compounds			
1) T n-Nonane (C9)	3.289	329446	2.109 ug/ml
2) T n-Decane (C10)	4.351	434244	2.745 ug/ml
4) T n-Dodecane (C12)	6.364	635347	3.960 ug/ml
6) T n-Tetradecane (C14)	8.152	574695	3.664 ug/ml
7) T n-Hexadecane (C16)	9.746	575864	3.601 ug/ml
8) T n-Octadecane (C18)	11.180	688827	4.206 ug/ml
10) T n-Eicosane (C20)	12.482	744118	4.672 ug/ml
11) T n-Heneicosane (C21)	13.090	735941	4.691 ug/ml
13) T n-Docosane (C22)	13.675	740691	4.744 ug/ml
14) T n-Tetracosane (C24)	14.771	761422	4.899 ug/ml
15) T n-Hexacosane (C26)	15.787	755562	4.922 ug/ml
16) T n-Octacosane (C28)	16.733	755681	5.014 ug/ml
17) T n-Tricontane (C30)	17.616	763280	4.998 ug/ml
18) T n-Dotriacontane (C32)	18.443	773213	5.135 ug/ml
19) T n-Tetratriacontane (C34)	19.224	720254	5.016 ug/ml
20) T n-Hexatriacontane (C36)	19.961	657236	4.771 ug/ml
21) T n-Octatriacontane (C38)	20.679	581318	4.202 ug/ml
22) T n-Tetracontane (C40)	21.550	476514	3.444 ug/ml

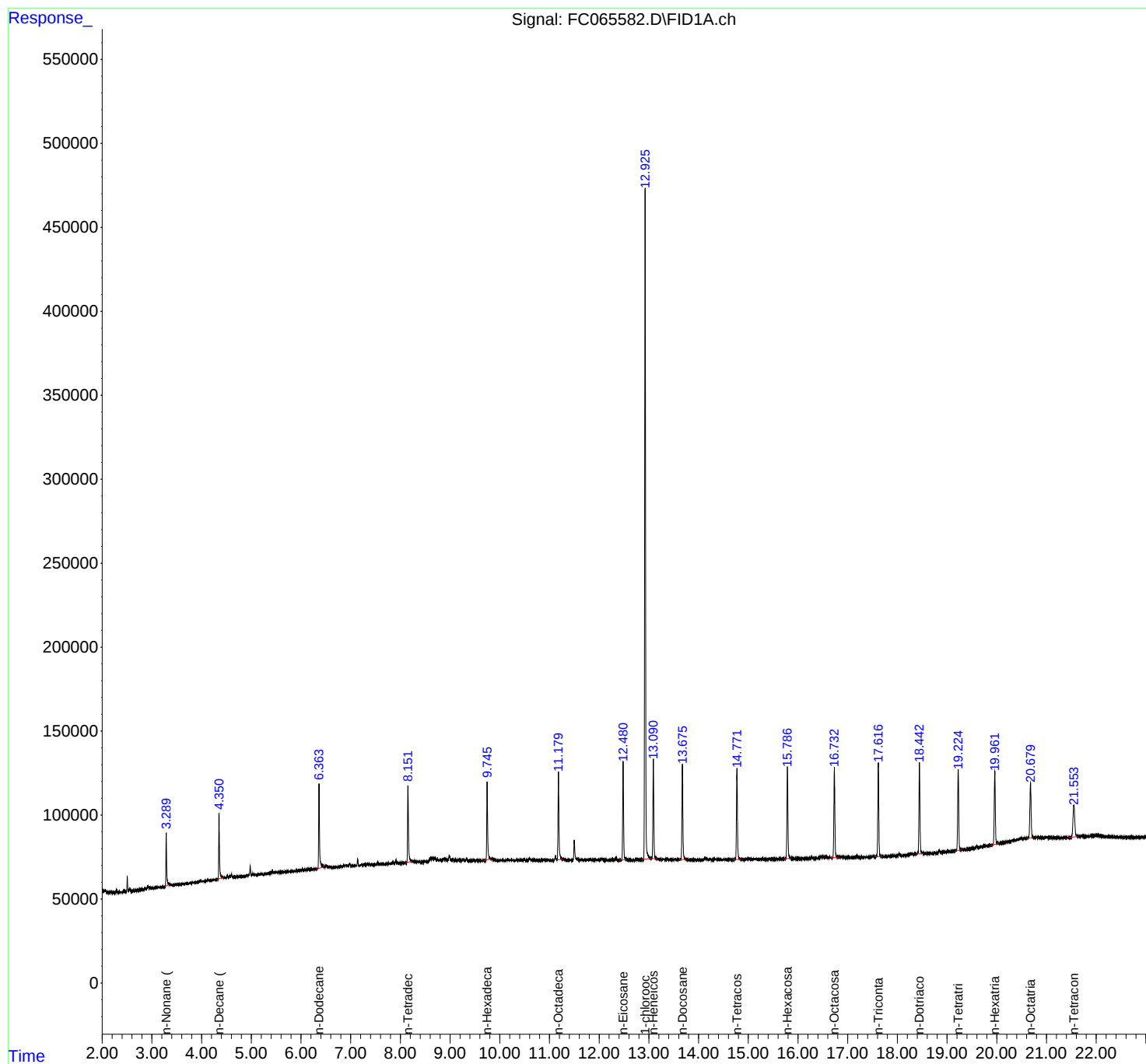
(f)=RT Delta > 1/2 Window

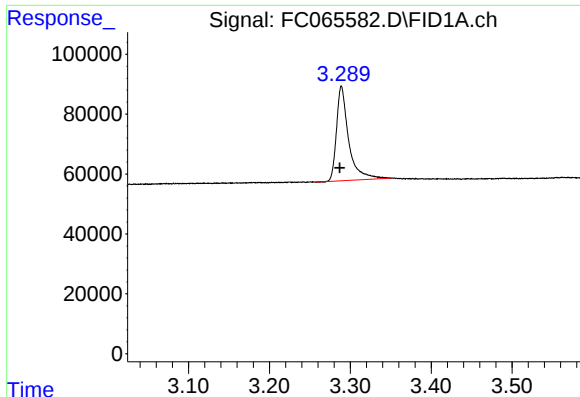
(m)=manual int.

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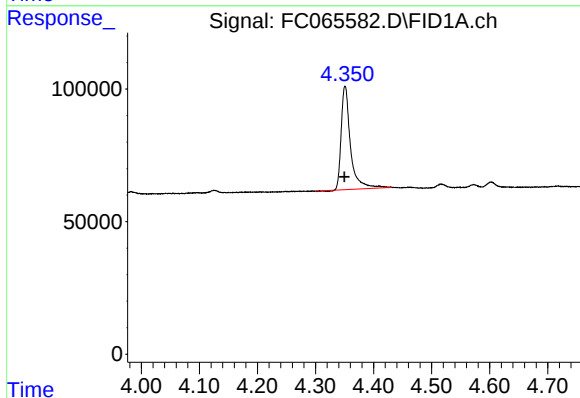
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Signal Info : 20M x 0.18mm x 0.18um





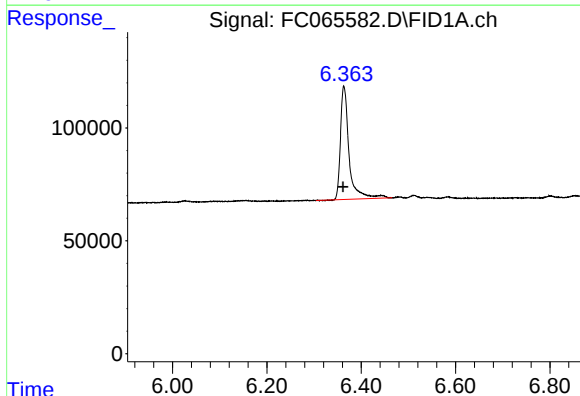
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.002 min
Response: 329446
Conc: 2.11 ug/ml



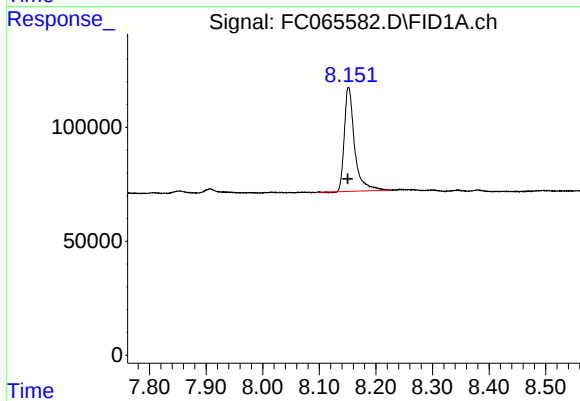
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.002 min
Response: 434244
Conc: 2.74 ug/ml



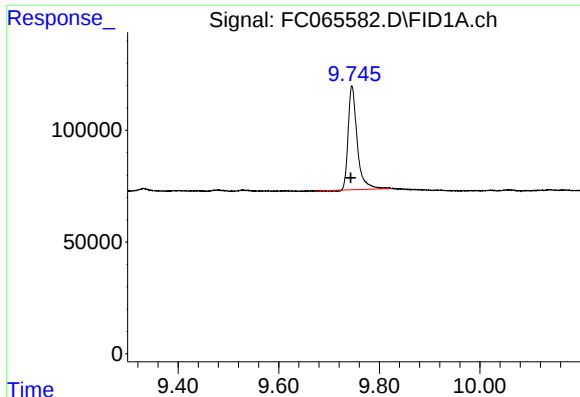
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 635347
Conc: 3.96 ug/ml



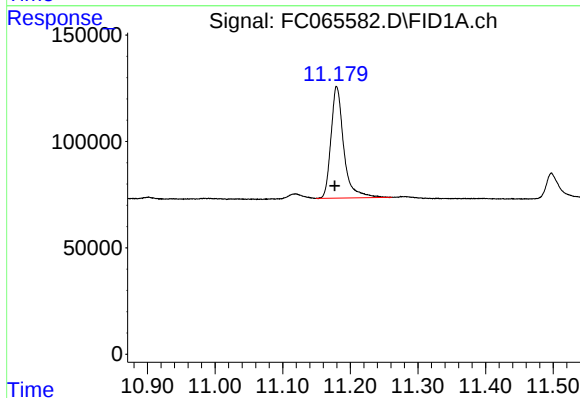
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.002 min
Response: 574695
Conc: 3.66 ug/ml



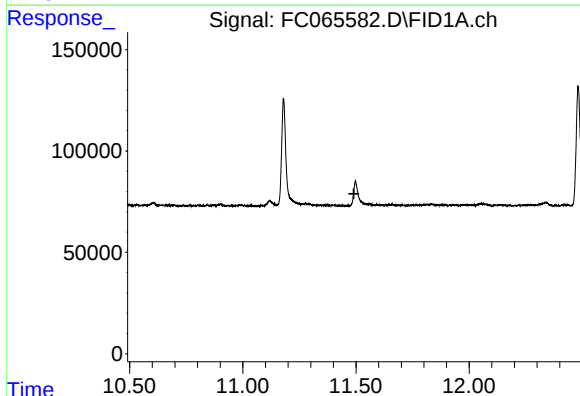
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.002 min
Response: 575864
Conc: 3.60 ug/ml



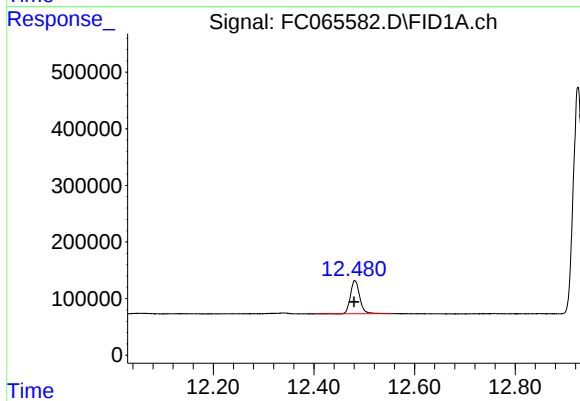
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 688827
Conc: 4.21 ug/ml



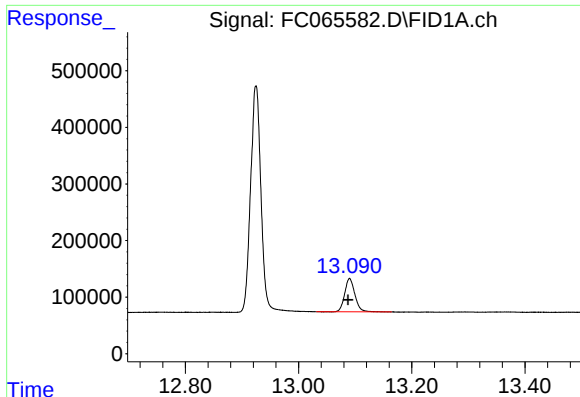
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.491 min
Response: 0
Conc: N.D.



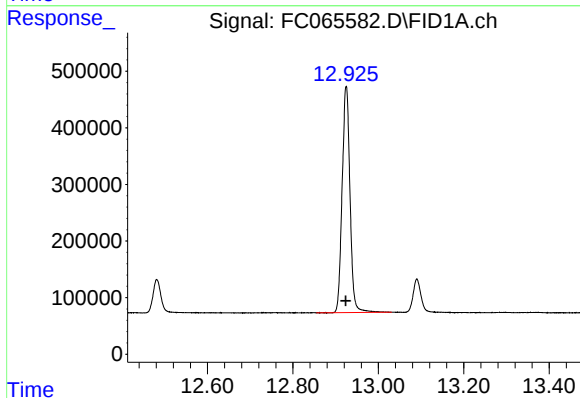
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.002 min
Response: 744118
Conc: 4.67 ug/ml



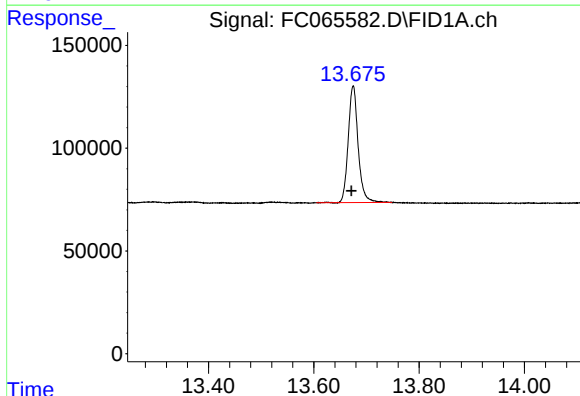
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.003 min
Response: 735941
Conc: 4.69 ug/ml



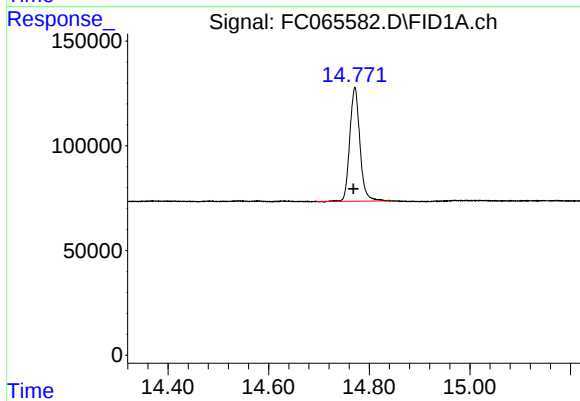
#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.001 min
Response: 5091137
Conc: 37.77 ug/ml



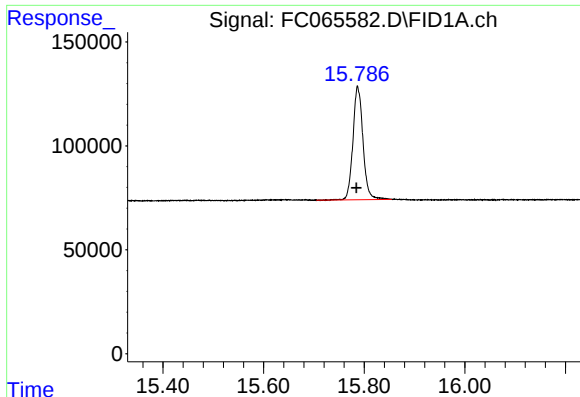
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.003 min
Response: 740691
Conc: 4.74 ug/ml



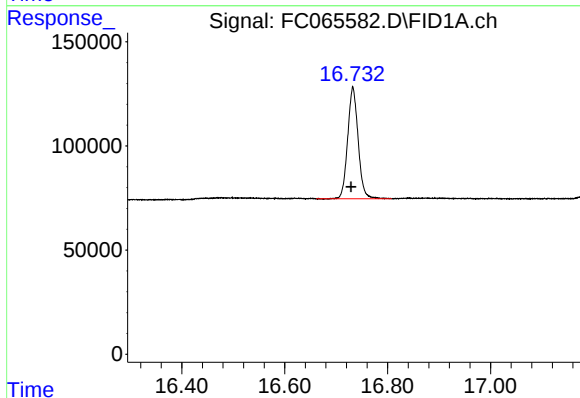
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.003 min
Response: 761422
Conc: 4.90 ug/ml



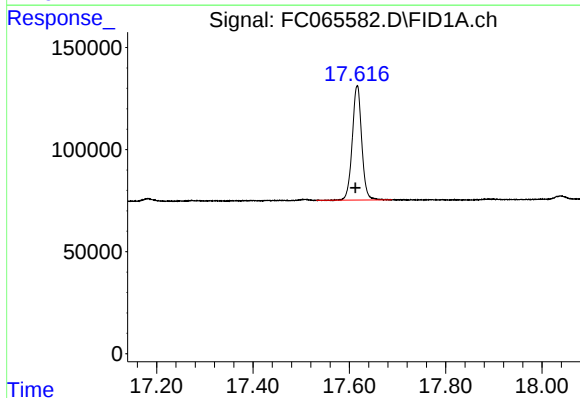
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.003 min
Response: 755562
Conc: 4.92 ug/ml



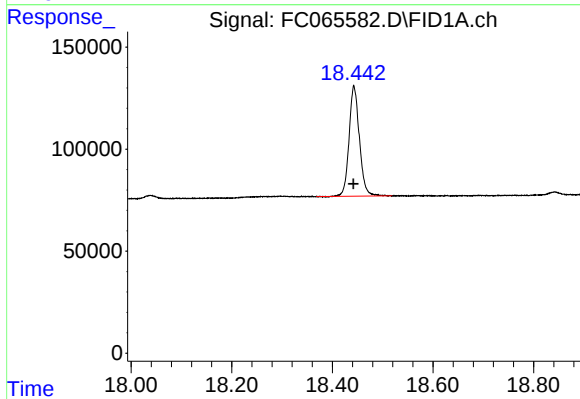
#16 n-Octacosane (C28)

R.T.: 16.733 min
Delta R.T.: 0.003 min
Response: 755681
Conc: 5.01 ug/ml



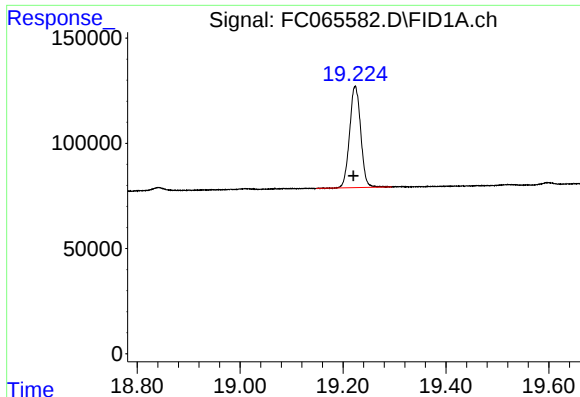
#17 n-Tricontane (C30)

R.T.: 17.616 min
Delta R.T.: 0.004 min
Response: 763280
Conc: 5.00 ug/ml



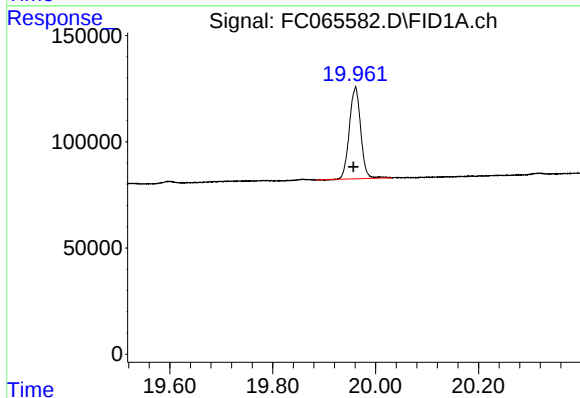
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.001 min
Response: 773213
Conc: 5.14 ug/ml



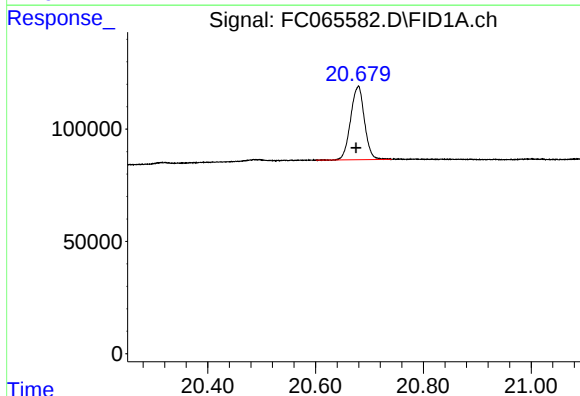
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.004 min
Response: 720254
Conc: 5.02 ug/ml



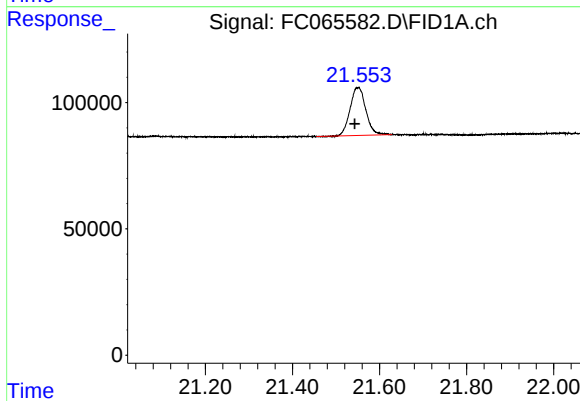
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.003 min
Response: 657236
Conc: 4.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.004 min
Response: 581318
Conc: 4.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.007 min
Response: 476514
Conc: 3.44 ug/ml