

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069793.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 11:22
 Operator : YP/AJ
 Sample : Q2893-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 23:31:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 2025
 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...	13.103	5069316	52.979 ug/ml
Spiked Amount 50.000		Recovery =	105.96%
Target Compounds			
1) T n-Nonane (C9)	3.397	382112	3.048 ug/ml
2) T n-Decane (C10)	4.468	455504	3.575 ug/ml
4) T n-Dodecane (C12)	6.492	539847	4.213 ug/ml
6) T n-Tetradecane (C14)	8.292	574706	4.506 ug/ml
7) T n-Hexadecane (C16)	9.895	549187	4.253 ug/ml
8) T n-Octadecane (C18)	11.339	571325	4.557 ug/ml
10) T n-Eicosane (C20)	12.651	592790	5.107 ug/ml
11) T n-Heneicosane (C21)	13.265	544840	4.872 ug/ml
13) T n-Docosane (C22)	13.853	551961	5.058 ug/ml
14) T n-Tetracosane (C24)	14.957	534075	5.093 ug/ml
15) T n-Hexacosane (C26)	15.980	507889	5.068 ug/mlm
16) T n-Octacosane (C28)	16.932	492230	5.112 ug/mlm
17) T n-Tricontane (C30)	17.820	508358	5.286 ug/ml
18) T n-Dotriacontane (C32)	18.656	516991	5.550 ug/ml
19) T n-Tetratriacontane (C34)	19.441	514595	5.963 ug/ml
20) T n-Hexatriacontane (C36)	20.183	500107	6.555 ug/ml
21) T n-Octatriacontane (C38)	20.947	467747	6.651 ug/ml
22) T n-Tetracontane (C40)	21.910	487938	7.345 ug/ml

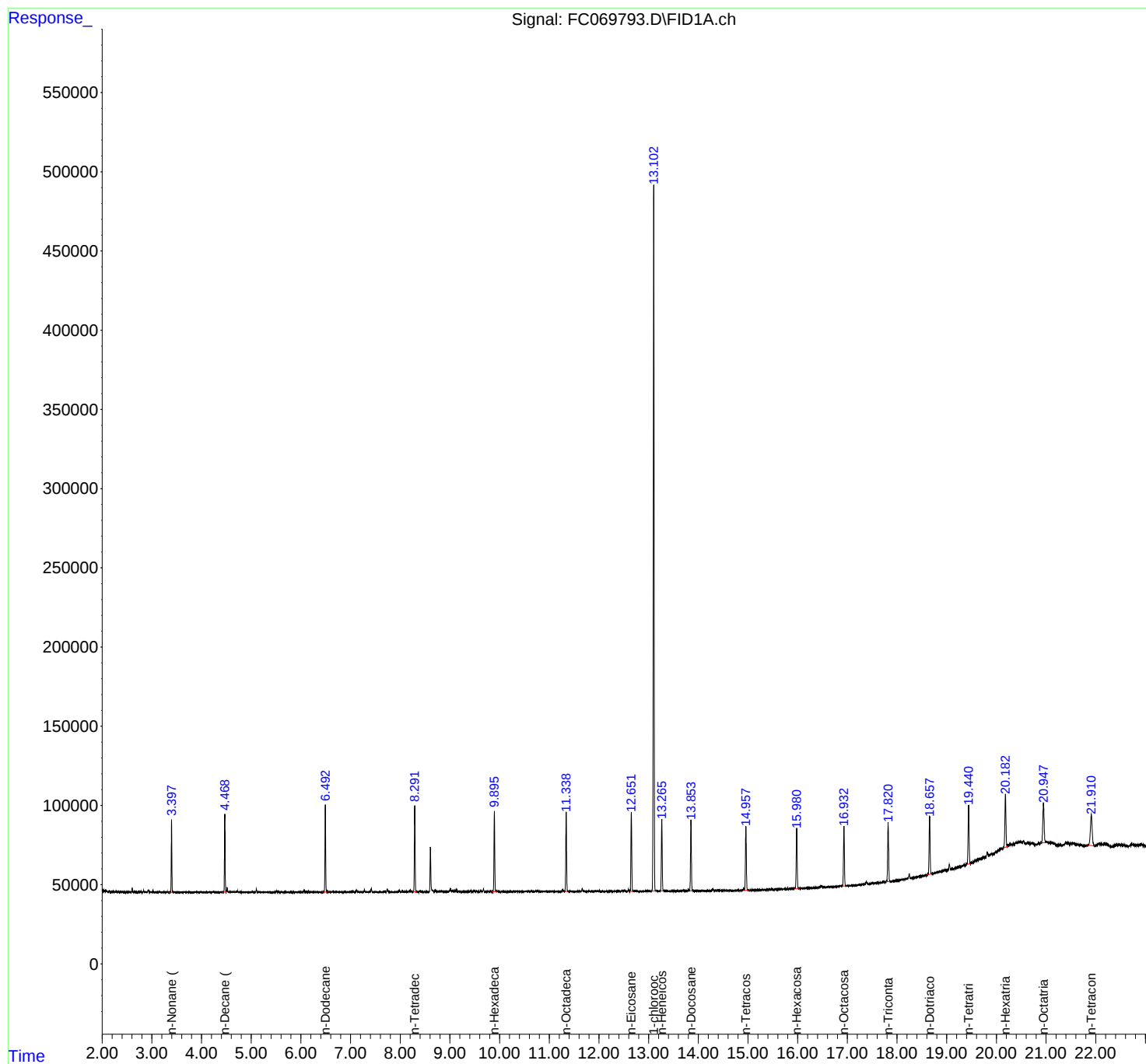
(f)=RT Delta > 1/2 Window

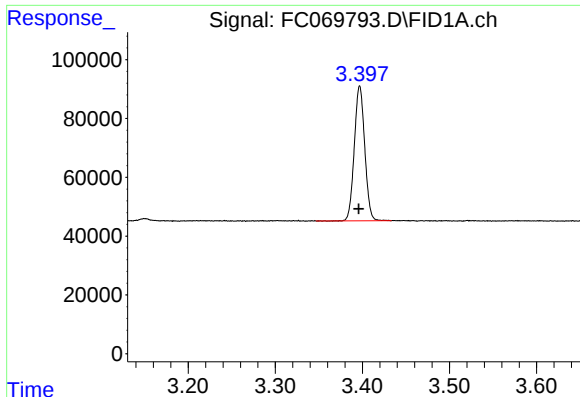
(m)=manual int.

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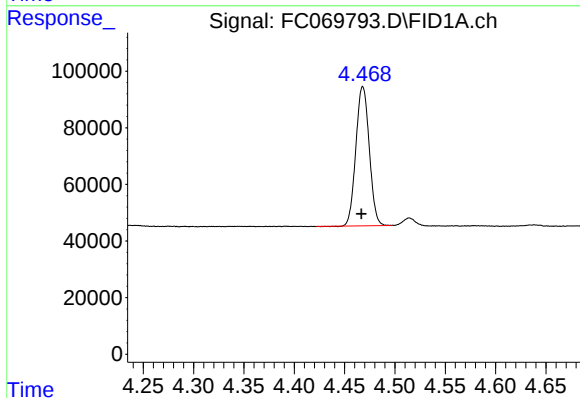
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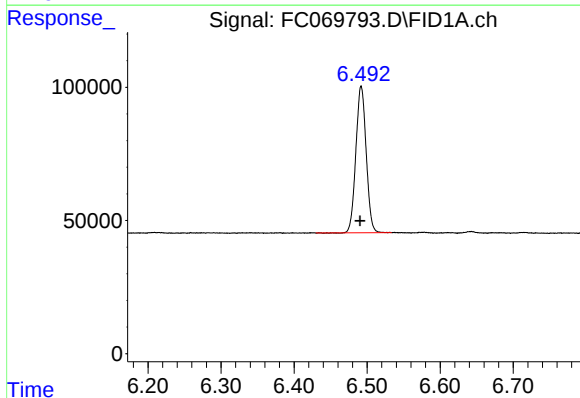
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 382112
Conc: 3.05 ug/ml



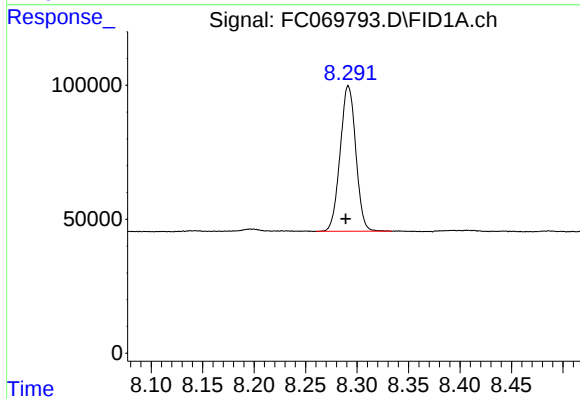
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 455504
Conc: 3.57 ug/ml



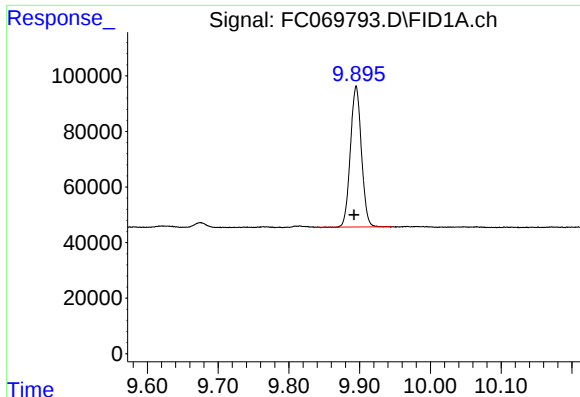
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 539847
Conc: 4.21 ug/ml



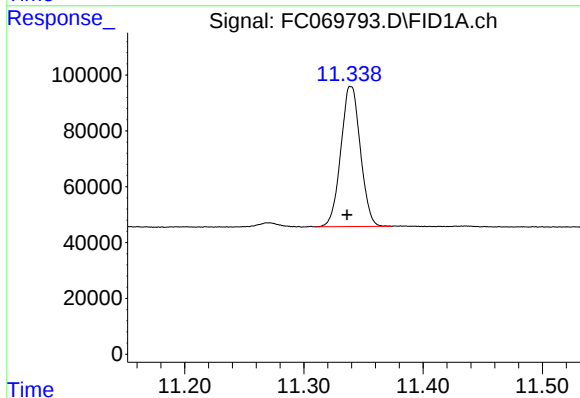
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.003 min
Response: 574706
Conc: 4.51 ug/ml



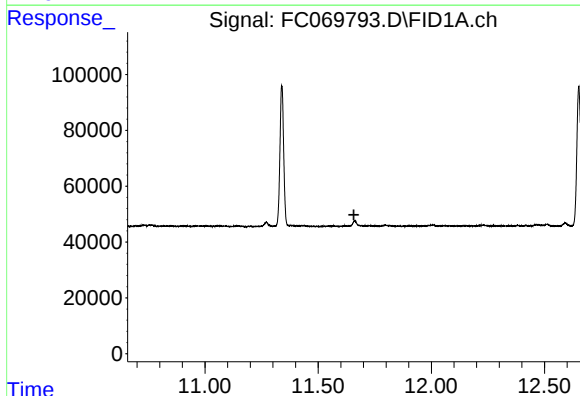
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 549187
Conc: 4.25 ug/ml



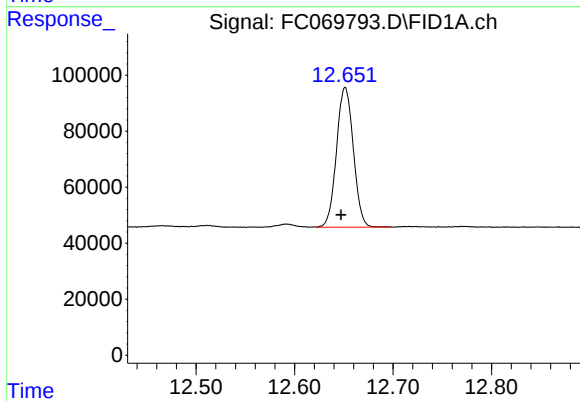
#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: 0.003 min
Response: 571325
Conc: 4.56 ug/ml



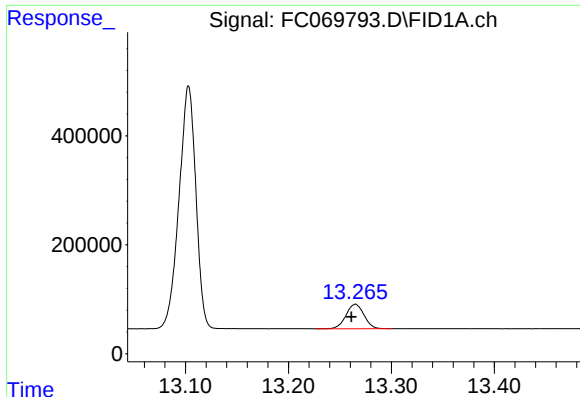
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



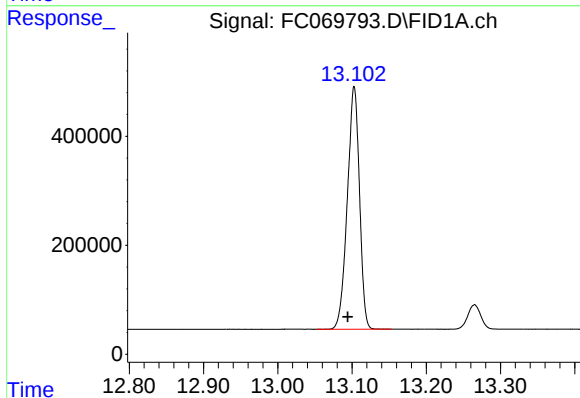
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: 0.004 min
Response: 592790
Conc: 5.11 ug/ml



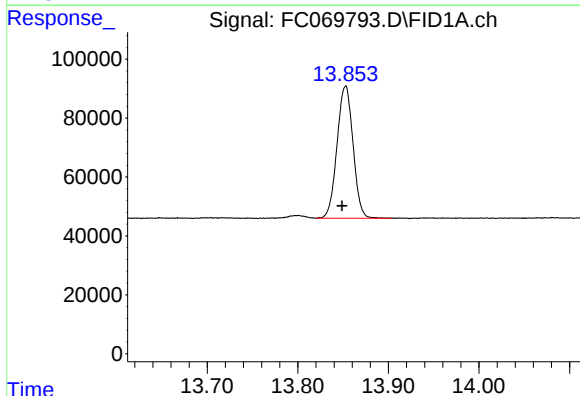
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: 0.004 min
Response: 544840
Conc: 4.87 ug/ml



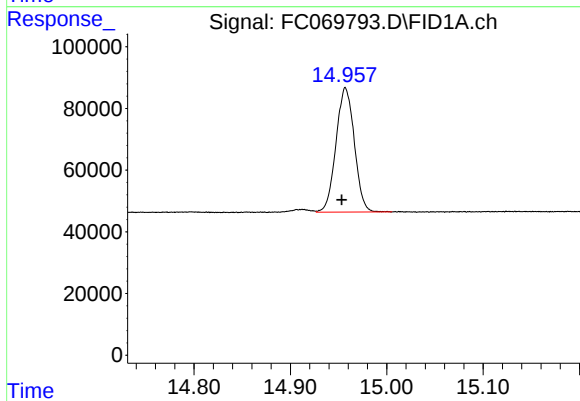
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: 0.009 min
Response: 5069316
Conc: 52.98 ug/ml



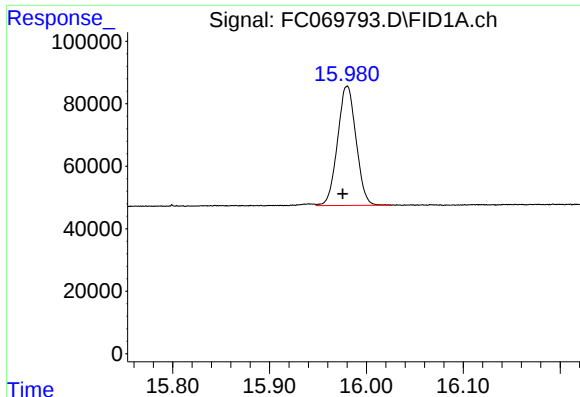
#13 n-Docosane (C22)

R.T.: 13.853 min
Delta R.T.: 0.004 min
Response: 551961
Conc: 5.06 ug/ml



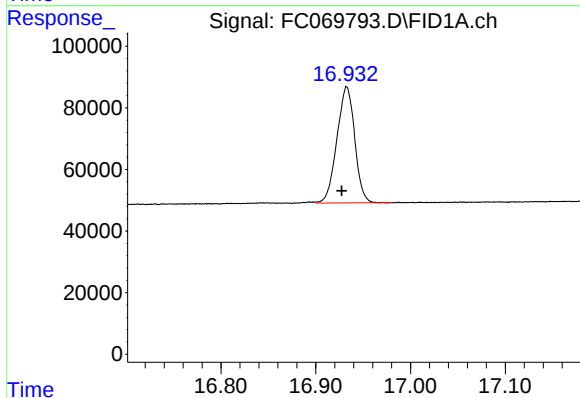
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.004 min
Response: 534075
Conc: 5.09 ug/ml



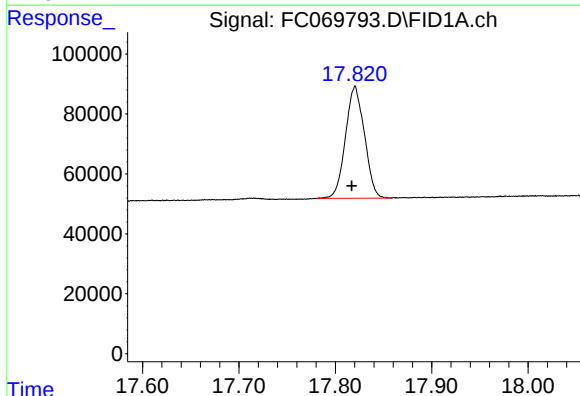
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: 0.004 min
Response: 507889
Conc: 5.07 ug/ml m



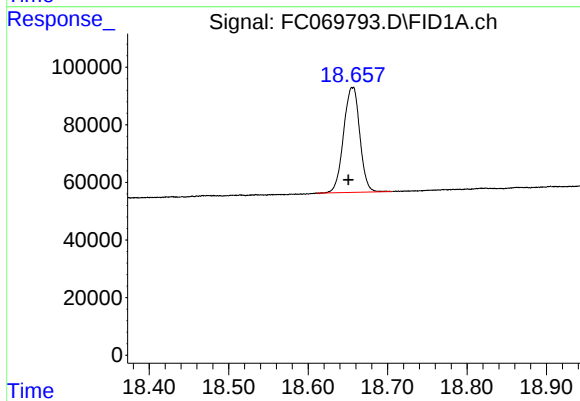
#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: 0.004 min
Response: 492230
Conc: 5.11 ug/ml m



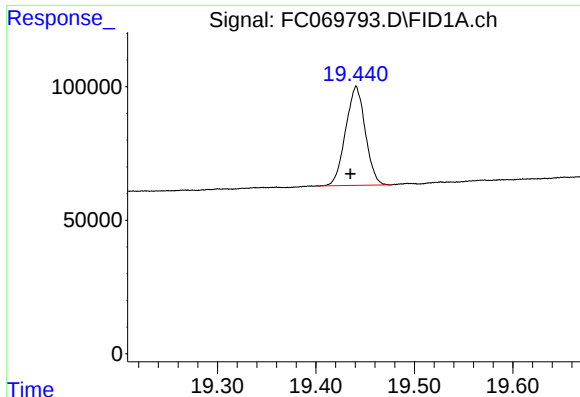
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: 0.003 min
Response: 508358
Conc: 5.29 ug/ml



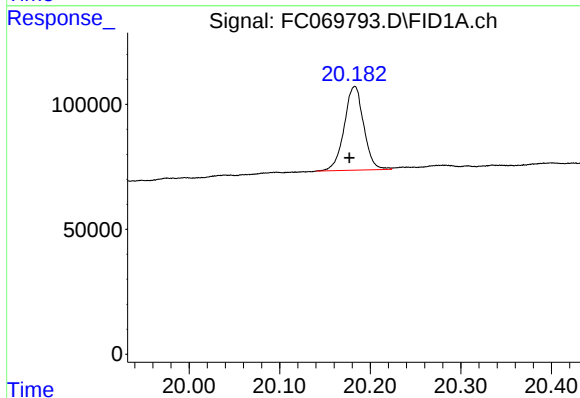
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: 0.005 min
Response: 516991
Conc: 5.55 ug/ml



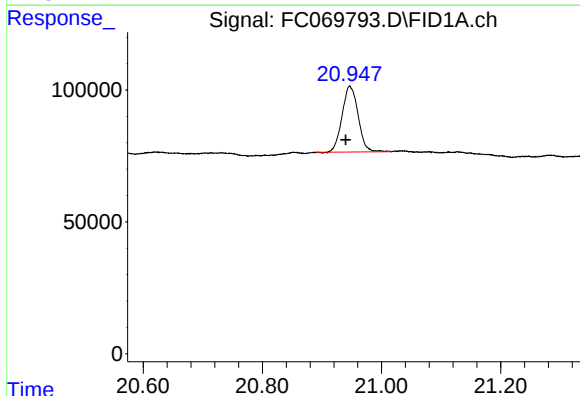
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: 0.006 min
Response: 514595
Conc: 5.96 ug/ml



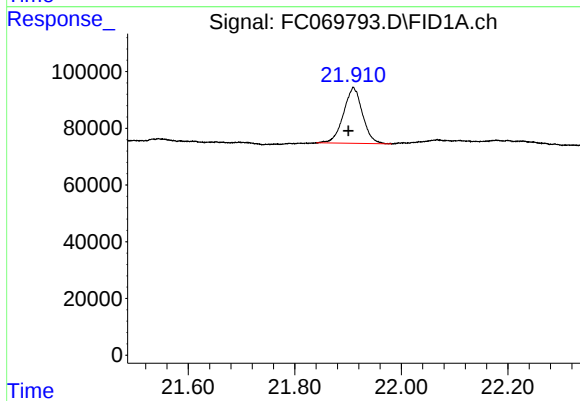
#20 n-Hexatriacontane (C36)

R.T.: 20.183 min
Delta R.T.: 0.006 min
Response: 500107
Conc: 6.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: 0.007 min
Response: 467747
Conc: 6.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: 0.010 min
Response: 487938
Conc: 7.35 ug/ml