

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069792.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 10:38
 Operator : YP/AJ
 Sample : Q2893-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 23:30:56 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...	13.102	4623378	48.319 ug/ml
Spiked Amount 50.000		Recovery =	96.64%
Target Compounds			
1) T n-Nonane (C9)	3.397	268225	2.140 ug/ml
2) T n-Decane (C10)	4.468	309772	2.431 ug/ml
4) T n-Dodecane (C12)	6.492	373397	2.914 ug/ml
6) T n-Tetradecane (C14)	8.292	401246	3.146 ug/ml
7) T n-Hexadecane (C16)	9.894	374989	2.904 ug/mlm
8) T n-Octadecane (C18)	11.339	384475	3.066 ug/ml
10) T n-Eicosane (C20)	12.651	398060	3.429 ug/ml
11) T n-Heneicosane (C21)	13.265	365914	3.272 ug/ml
13) T n-Docosane (C22)	13.852	369004	3.381 ug/ml
14) T n-Tetracosane (C24)	14.957	357567	3.410 ug/mlm
15) T n-Hexacosane (C26)	15.979	338270	3.375 ug/mlm
16) T n-Octacosane (C28)	16.931	334276	3.472 ug/ml
17) T n-Tricontane (C30)	17.820	343548	3.572 ug/ml
18) T n-Dotriacontane (C32)	18.655	356053	3.822 ug/ml
19) T n-Tetratriacontane (C34)	19.440	352281	4.082 ug/ml
20) T n-Hexatriacontane (C36)	20.182	351339	4.605 ug/ml
21) T n-Octatriacontane (C38)	20.947	294040	4.181 ug/ml
22) T n-Tetracontane (C40)	21.908	317455	4.779 ug/mlm

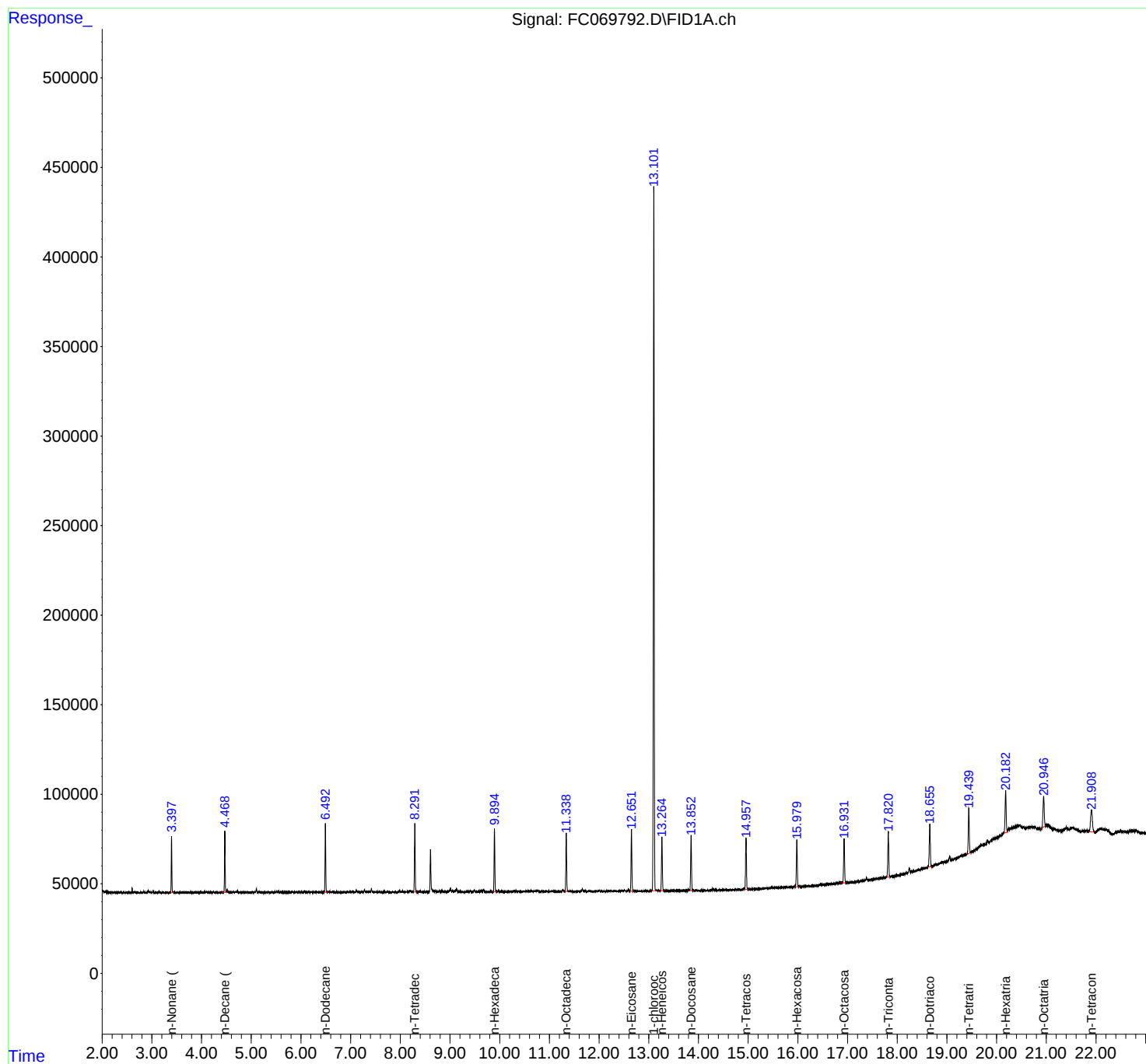
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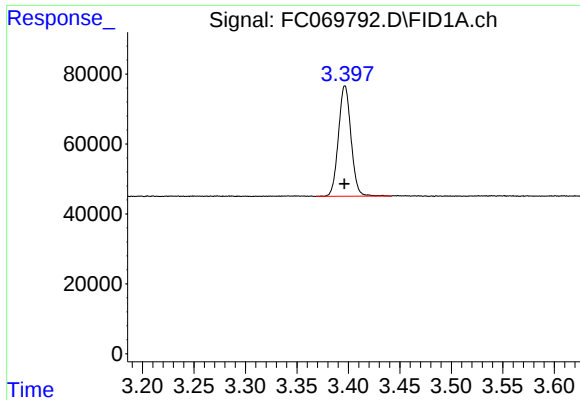
(m)=manual int.

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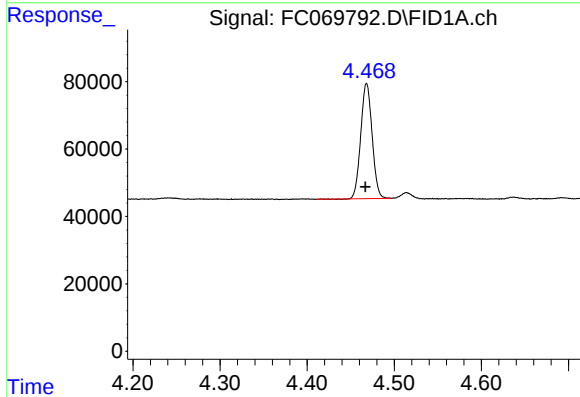
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Signal Info : 20M x 0.18mm x 0.18um





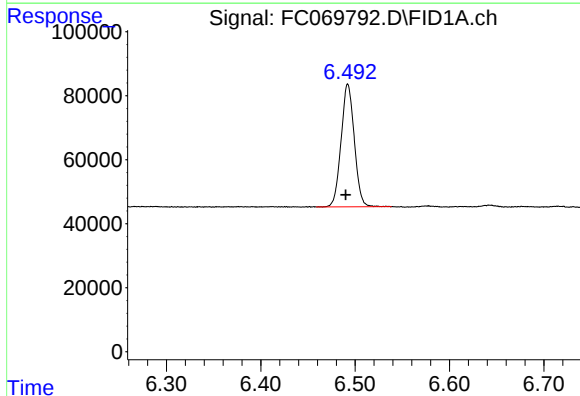
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 268225
Conc: 2.14 ug/ml



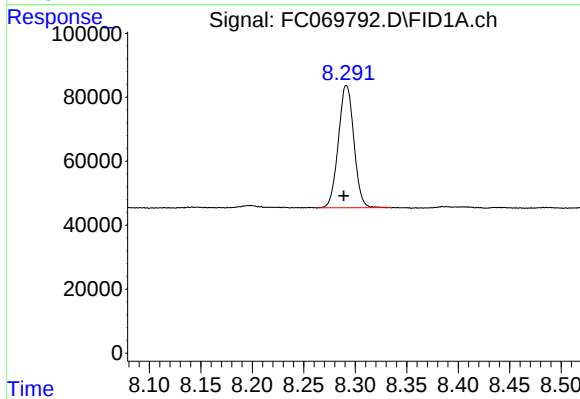
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 309772
Conc: 2.43 ug/ml



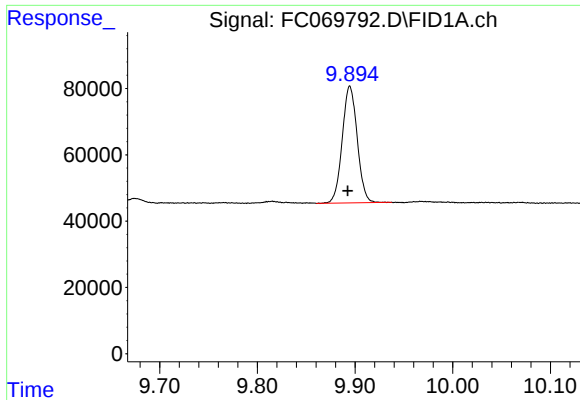
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 373397
Conc: 2.91 ug/ml



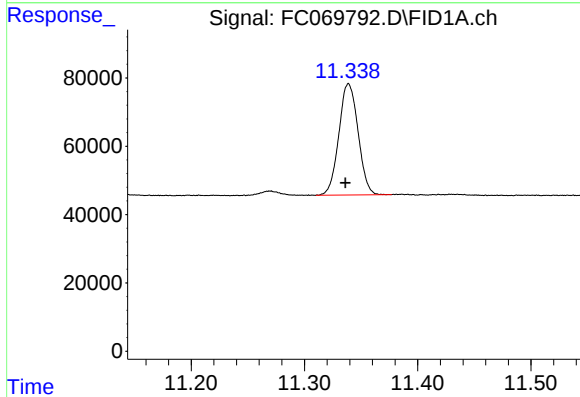
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.003 min
Response: 401246
Conc: 3.15 ug/ml



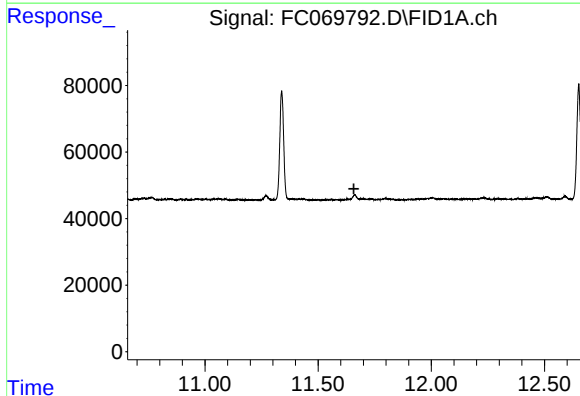
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 374989
Conc: 2.90 ug/ml m



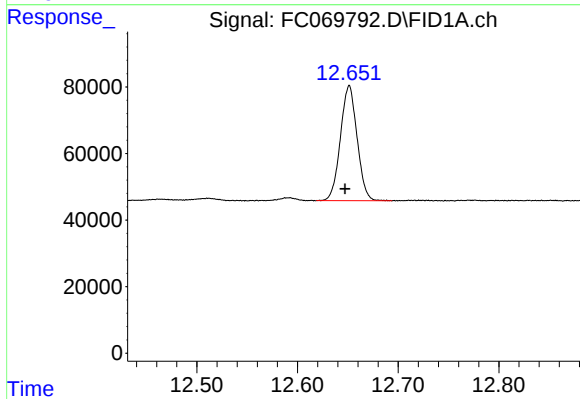
#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: 0.003 min
Response: 384475
Conc: 3.07 ug/ml



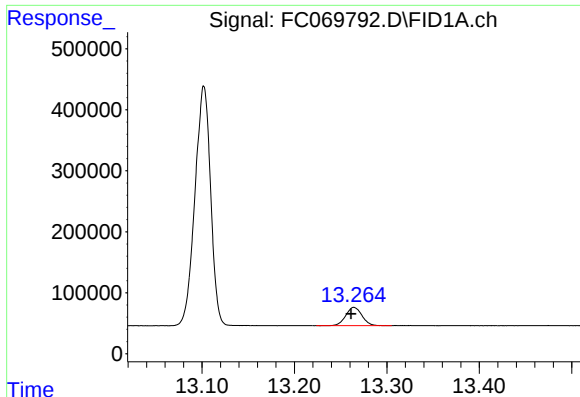
#9 ortho-Terphenyl (SURR)

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



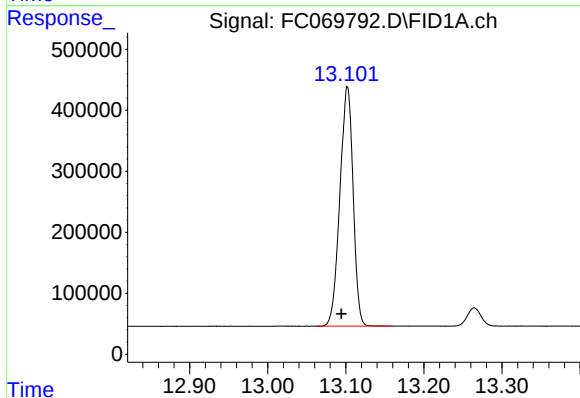
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: 0.004 min
Response: 398060
Conc: 3.43 ug/ml



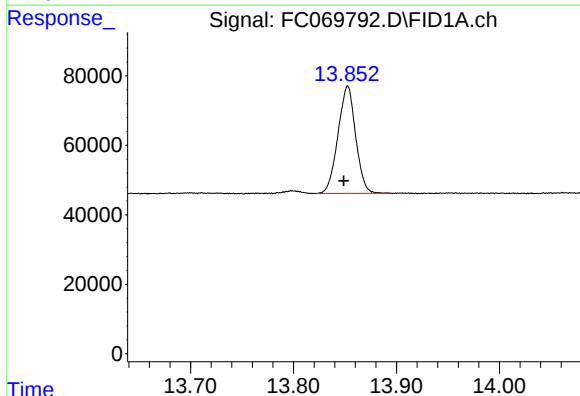
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: 0.003 min
Response: 365914
Conc: 3.27 ug/ml



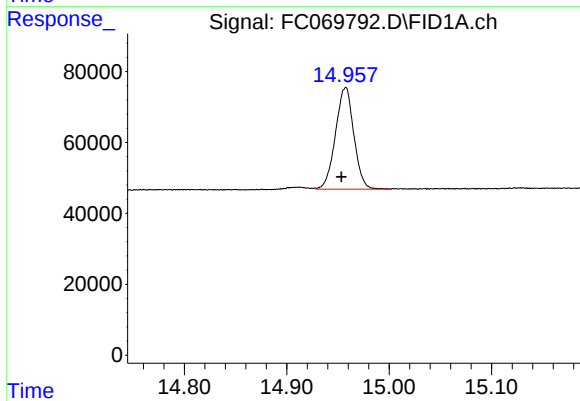
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: 0.008 min
Response: 4623378
Conc: 48.32 ug/ml



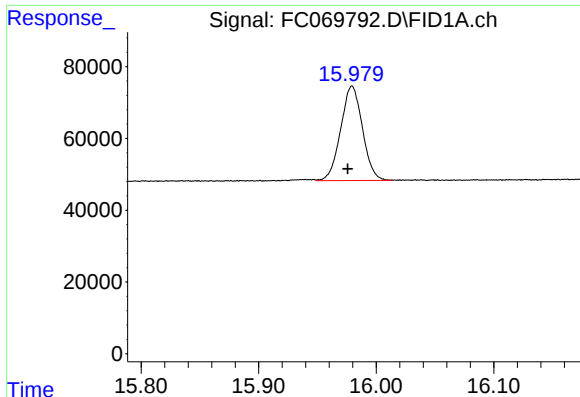
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.004 min
Response: 369004
Conc: 3.38 ug/ml



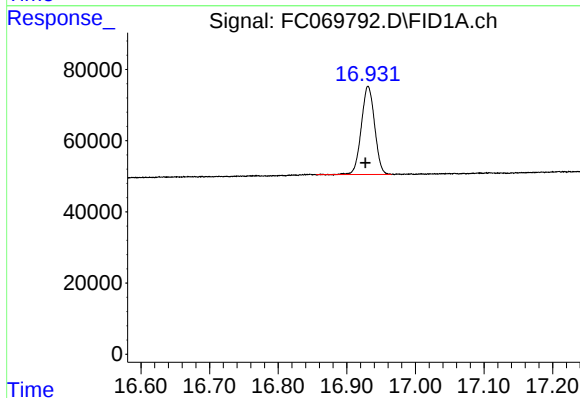
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.004 min
Response: 357567
Conc: 3.41 ug/ml m



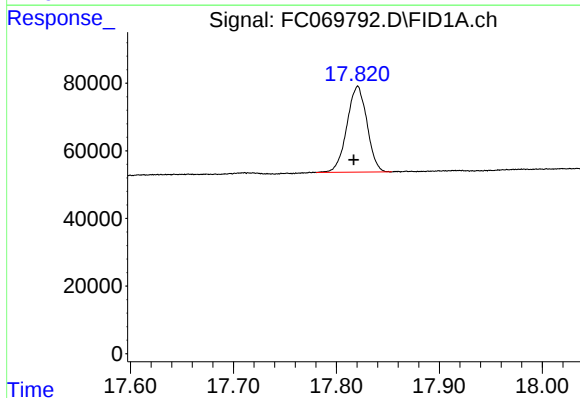
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: 0.003 min
Response: 338270
Conc: 3.38 ug/ml m



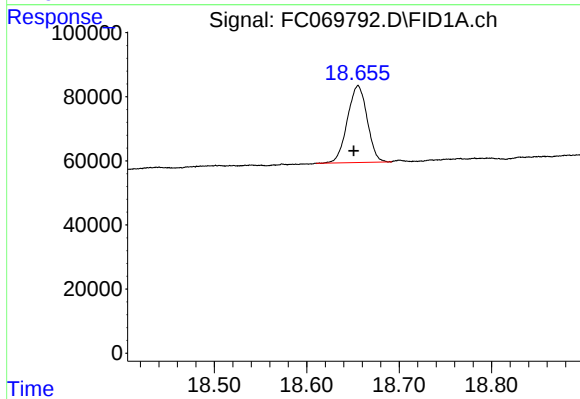
#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: 0.004 min
Response: 334276
Conc: 3.47 ug/ml



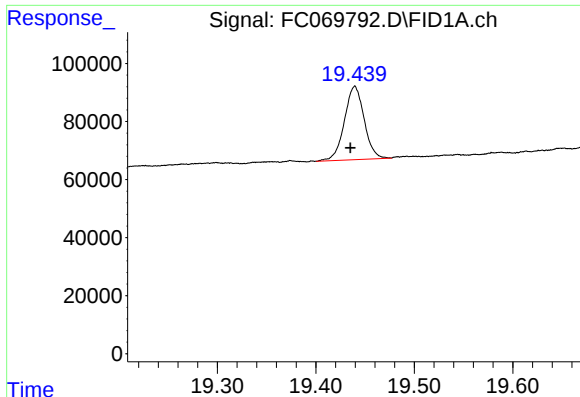
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: 0.004 min
Response: 343548
Conc: 3.57 ug/ml



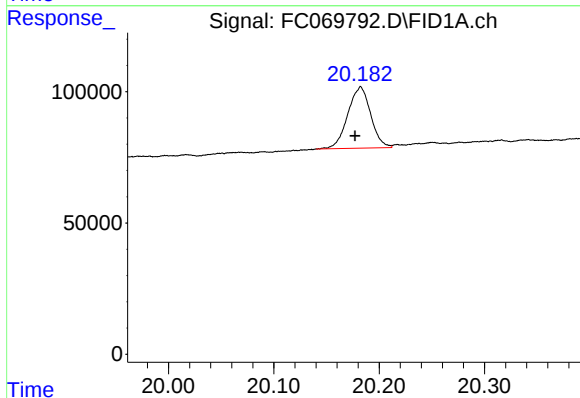
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: 0.005 min
Response: 356053
Conc: 3.82 ug/ml



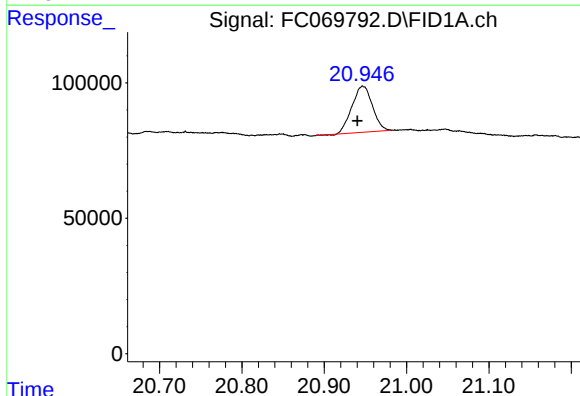
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: 0.004 min
Response: 352281
Conc: 4.08 ug/ml



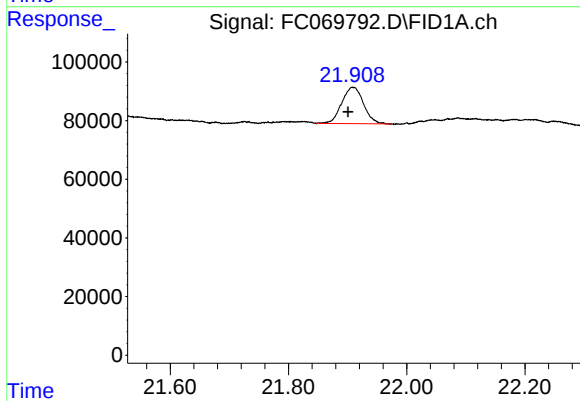
#20 n-Hexatriacontane (C36)

R.T.: 20.182 min
Delta R.T.: 0.005 min
Response: 351339
Conc: 4.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: 0.007 min
Response: 294040
Conc: 4.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: 0.008 min
Response: 317455
Conc: 4.78 ug/ml m