

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069797.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 14:17
 Operator : YP/AJ
 Sample : Q2893-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 23:32:46 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	4708567	49.209 ug/ml
Spiked Amount 50.000		Recovery =	98.42%
Target Compounds			
1) T n-Nonane (C9)	3.396	193313	1.542 ug/ml
2) T n-Decane (C10)	4.468	228961	1.797 ug/ml
4) T n-Dodecane (C12)	6.492	294800	2.301 ug/ml
6) T n-Tetradecane (C14)	8.291	317121	2.486 ug/ml
7) T n-Hexadecane (C16)	9.894	275793	2.136 ug/ml
8) T n-Octadecane (C18)	11.340	280999	2.241 ug/ml
10) T n-Eicosane (C20)	12.651	293992	2.533 ug/ml
11) T n-Heneicosane (C21)	13.264	266036	2.379 ug/ml
13) T n-Docosane (C22)	13.852	279805	2.564 ug/ml
14) T n-Tetracosane (C24)	14.955	291636	2.781 ug/mlm
15) T n-Hexacosane (C26)	15.980	283089	2.825 ug/ml
16) T n-Octacosane (C28)	16.932	283939	2.949 ug/ml
17) T n-Tricontane (C30)	17.820	285691	2.971 ug/ml
18) T n-Dotriacontane (C32)	18.654	285559	3.065 ug/ml
19) T n-Tetratriacontane (C34)	19.439	266701	3.091 ug/ml
20) T n-Hexatriacontane (C36)	20.181	250969	3.290 ug/ml
21) T n-Octatriacontane (C38)	20.945	219154	3.116 ug/ml
22) T n-Tetracontane (C40)	21.908	216882	3.265 ug/ml

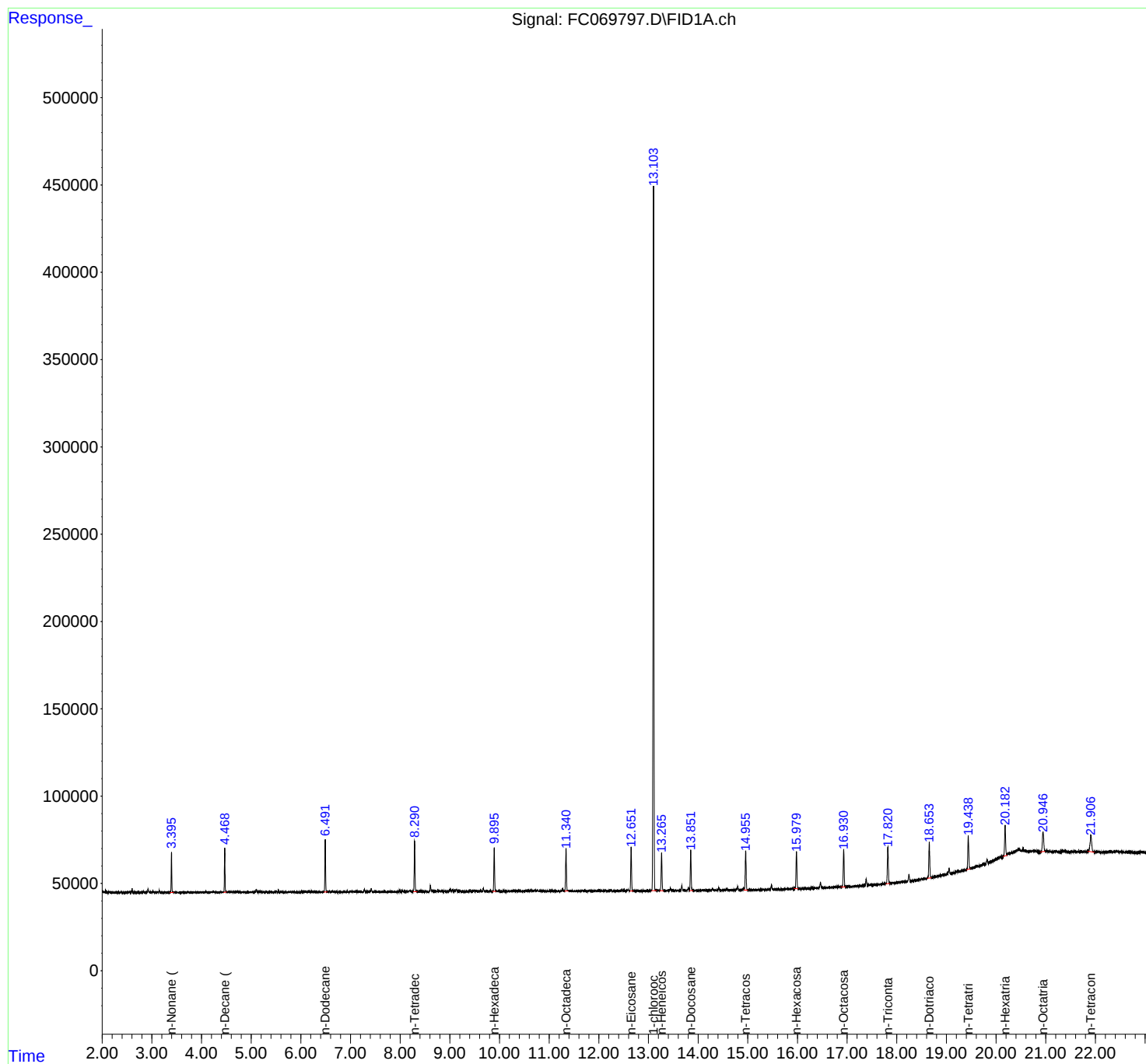
(f)=RT Delta > 1/2 Window

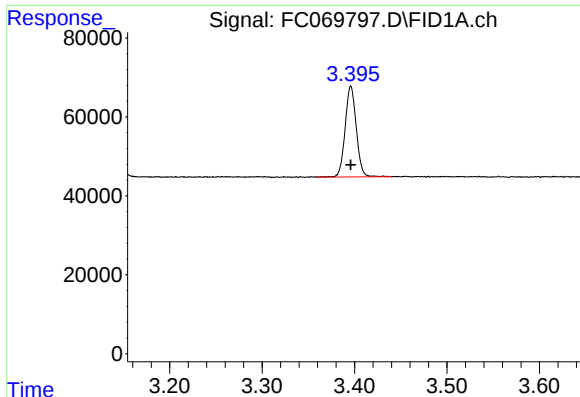
(m)=manual int.

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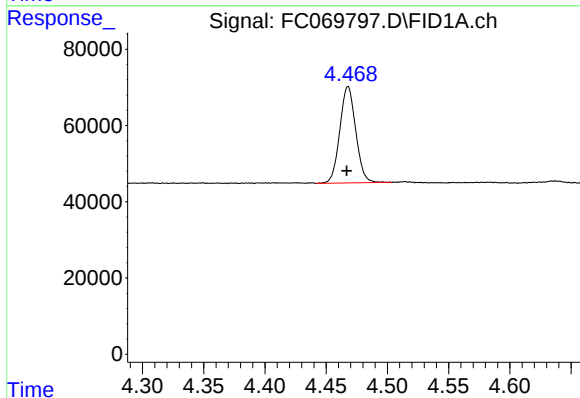
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Signal Info : 20M x 0.18mm x 0.18um





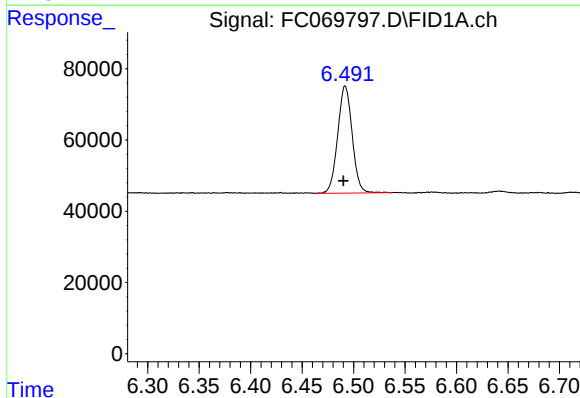
#1 n-Nonane (C9)

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 193313
Conc: 1.54 ug/ml



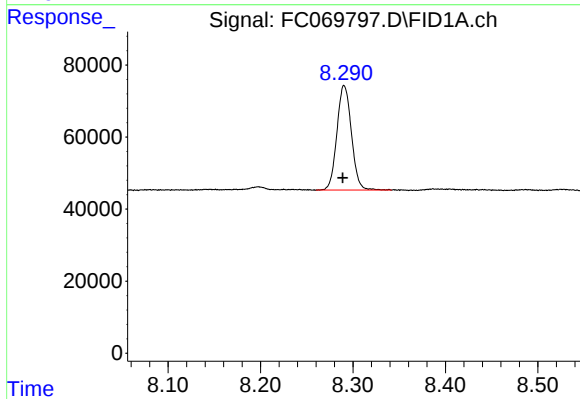
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 228961
Conc: 1.80 ug/ml



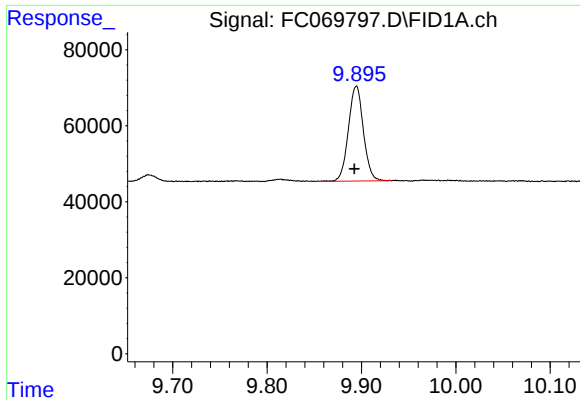
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 294800
Conc: 2.30 ug/ml



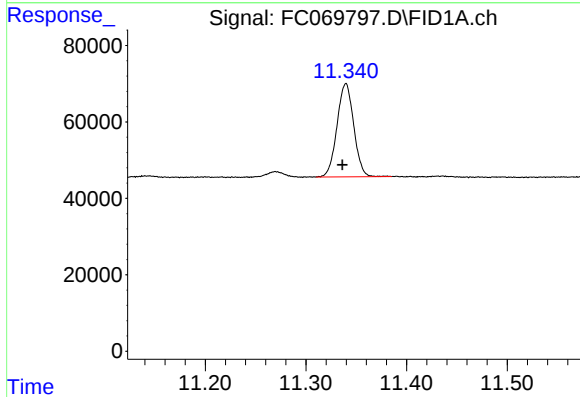
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.002 min
Response: 317121
Conc: 2.49 ug/ml



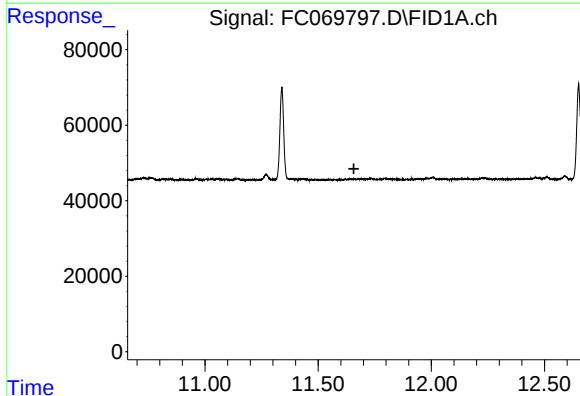
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 275793
Conc: 2.14 ug/ml



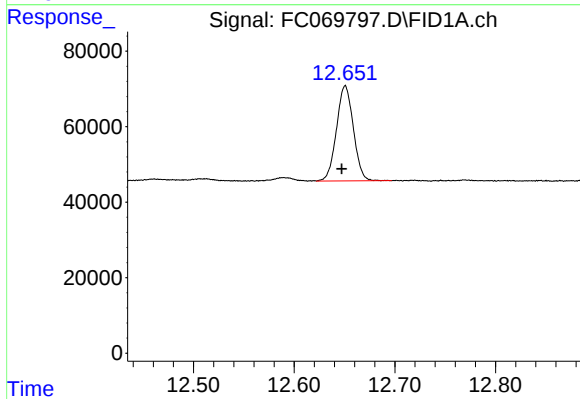
#8 n-Octadecane (C18)

R.T.: 11.340 min
Delta R.T.: 0.003 min
Response: 280999
Conc: 2.24 ug/ml



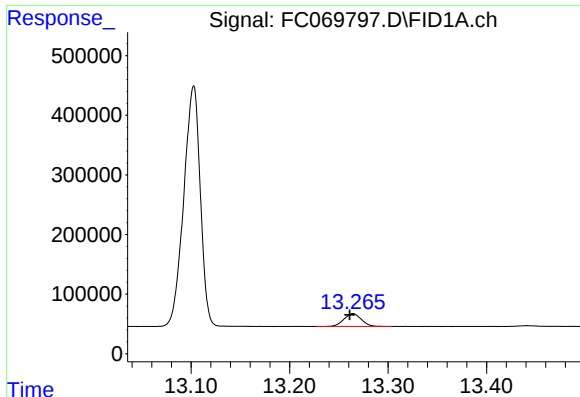
#9 ortho-Terphenyl (SURR)

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



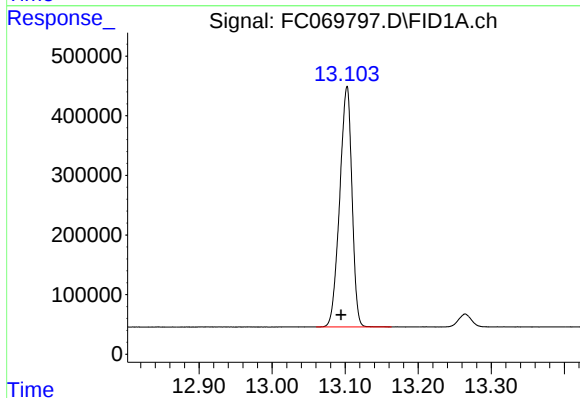
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: 0.003 min
Response: 293992
Conc: 2.53 ug/ml



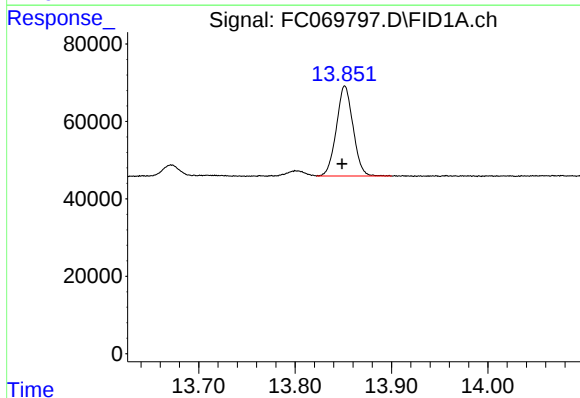
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: 0.003 min
Response: 266036
Conc: 2.38 ug/ml



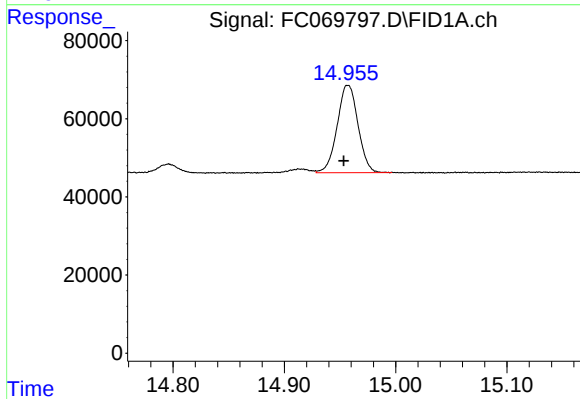
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: 0.008 min
Response: 4708567
Conc: 49.21 ug/ml



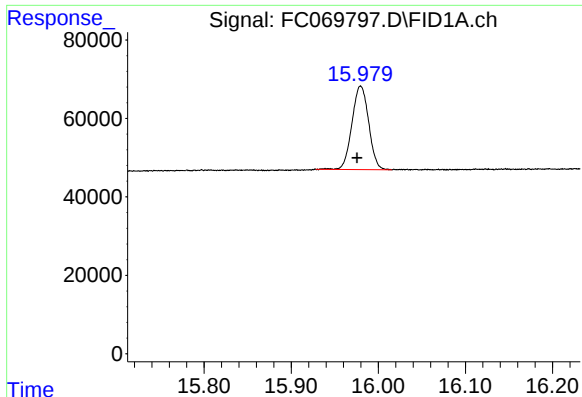
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.003 min
Response: 279805
Conc: 2.56 ug/ml



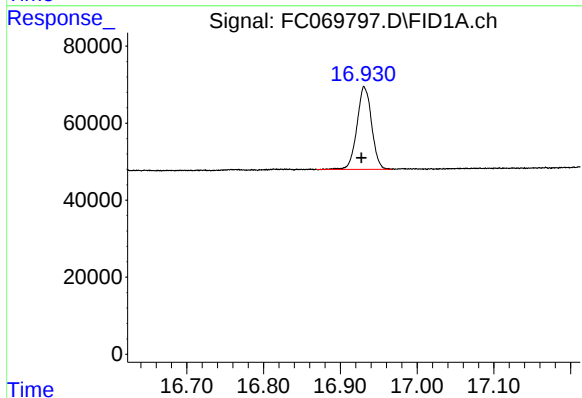
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.002 min
Response: 291636
Conc: 2.78 ug/ml m



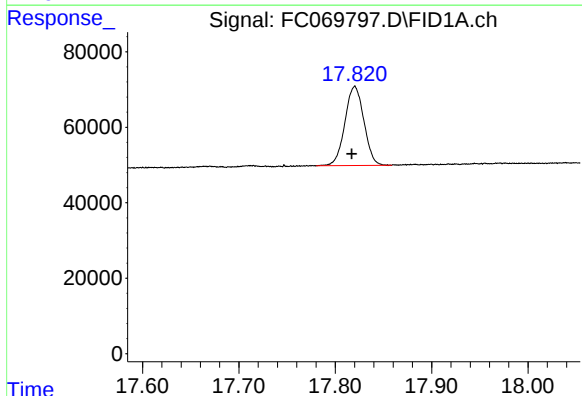
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: 0.004 min
Response: 283089
Conc: 2.82 ug/ml



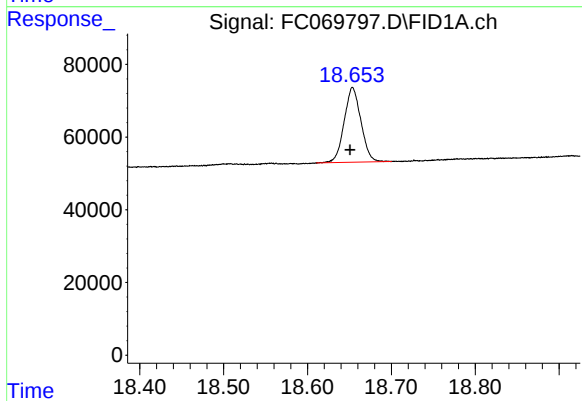
#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: 0.004 min
Response: 283939
Conc: 2.95 ug/ml



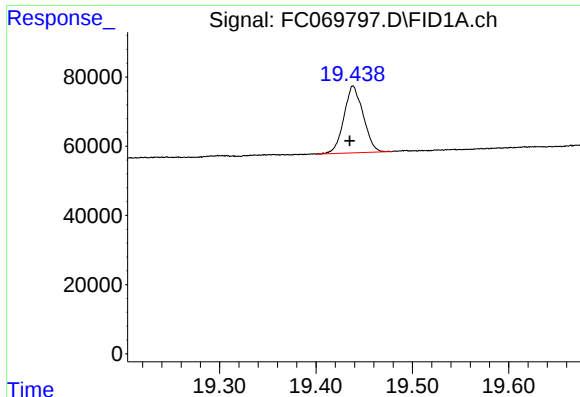
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: 0.003 min
Response: 285691
Conc: 2.97 ug/ml



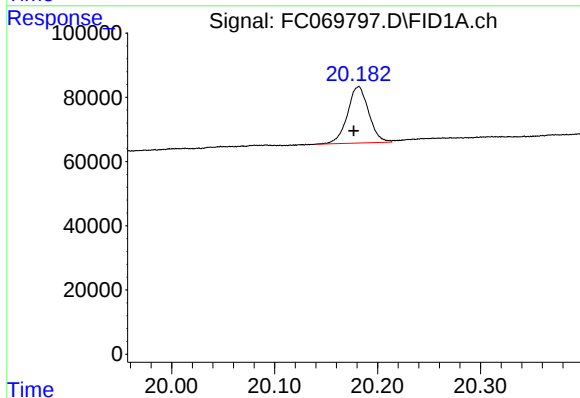
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: 0.003 min
Response: 285559
Conc: 3.07 ug/ml



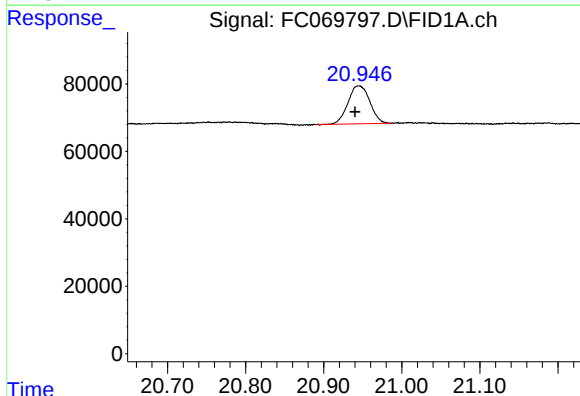
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: 0.004 min
Response: 266701
Conc: 3.09 ug/ml



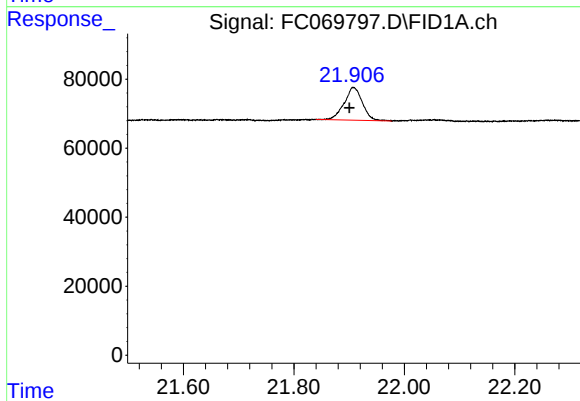
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: 0.004 min
Response: 250969
Conc: 3.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: 0.005 min
Response: 219154
Conc: 3.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: 0.007 min
Response: 216882
Conc: 3.26 ug/ml