

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100325AL\
 Data File : FC069924.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 01:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 08:57:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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			
9) S ortho-Terphenyl (SURR)	11.645	3756777	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
12) S 1-chlorooctadecane (S...	13.080	2903629	18.387 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T n-Nonane (C9)	3.384	3025692	23.603 ug/ml
2) T n-Decane (C10)	4.456	3260937	24.541 ug/ml
3) T A~Naphthalene (C11.7)	6.051	3635504	24.490 ug/ml
4) T n-Dodecane (C12)	6.480	3473974	24.903 ug/ml
5) T A~2-methylnaphthalene...	7.109	3596122	24.357 ug/ml
6) T n-Tetradecane (C14)	8.277	3567772	24.055 ug/ml
7) T n-Hexadecane (C16)	9.879	3728100	22.591 ug/ml
8) T n-Octadecane (C18)	11.323	3697244	20.745 ug/ml
10) T n-Eicosane (C20)	12.634	3437885	19.087 ug/ml
11) T n-Heneicosane (C21)	13.246	3305248	18.331 ug/ml
13) T n-Docosane (C22)	13.833	3239546	17.832 ug/ml
14) T n-Tetracosane (C24)	14.936	3130730	17.015 ug/ml
15) T n-Hexacosane (C26)	15.958	2966158	16.337 ug/ml
16) T n-Octacosane (C28)	16.909	2906181	16.463 ug/ml
17) T n-Tricontane (C30)	17.797	3099974	17.711 ug/ml
18) T n-Dotriacontane (C32)	18.631	3145452	19.442 ug/mlm
19) T n-Tetratriacontane (C34)	19.414	2856560	20.440 ug/ml
20) T n-Hexatriacontane (C36)	20.154	2359308	20.897 ug/ml
21) T n-Octatriacontane (C38)	20.910	2067327	21.430 ug/mlm
22) T n-Tetracontane (C40)	21.863	1875779	21.779 ug/mlm

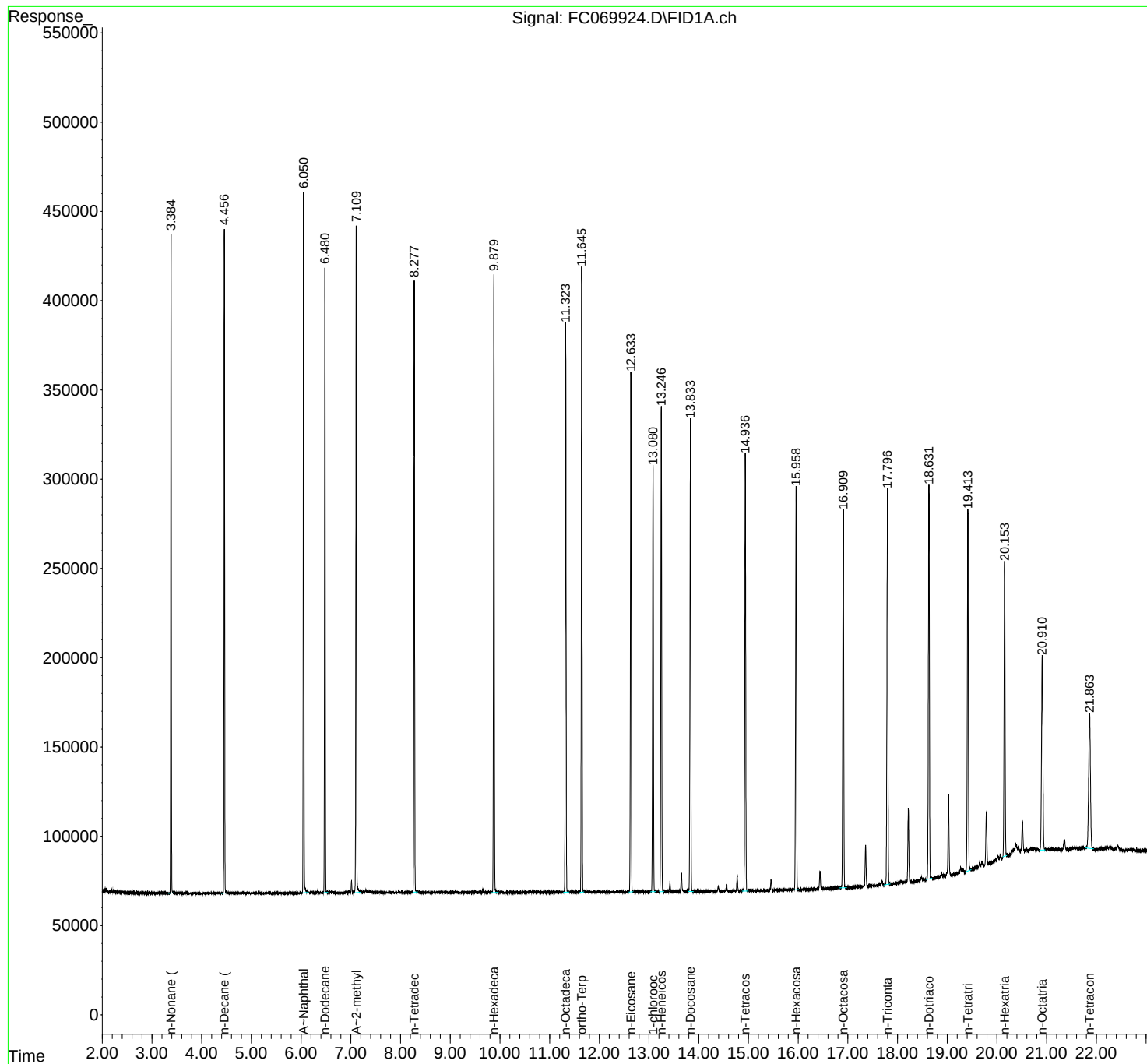
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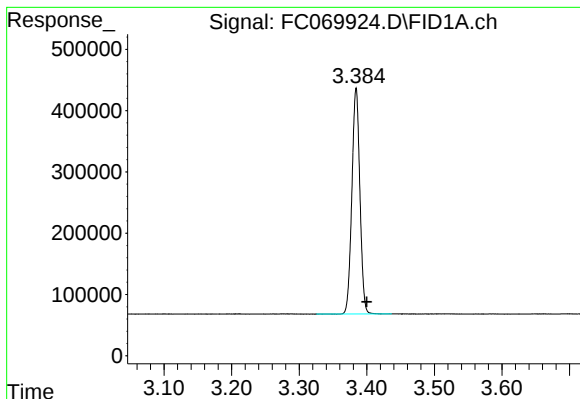
(m)=manual int.

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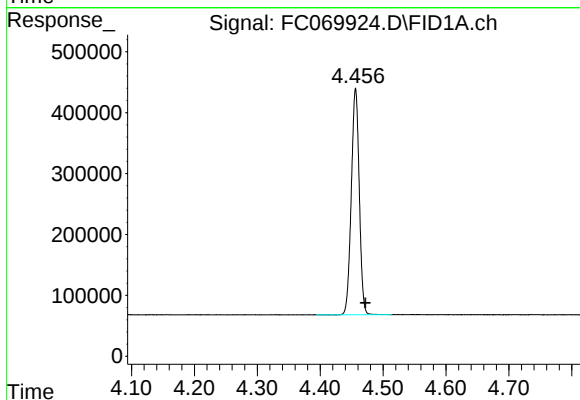
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





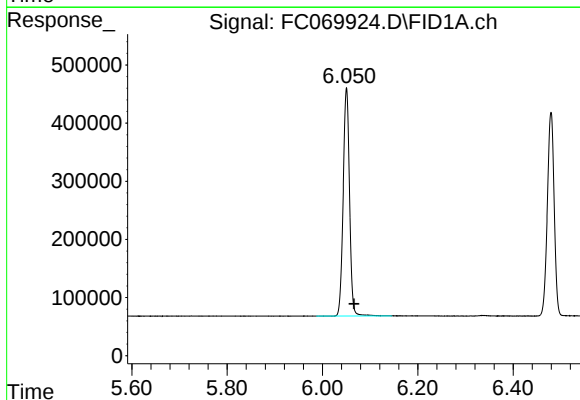
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.016 min
Response: 3025692
Conc: 23.60 ug/ml



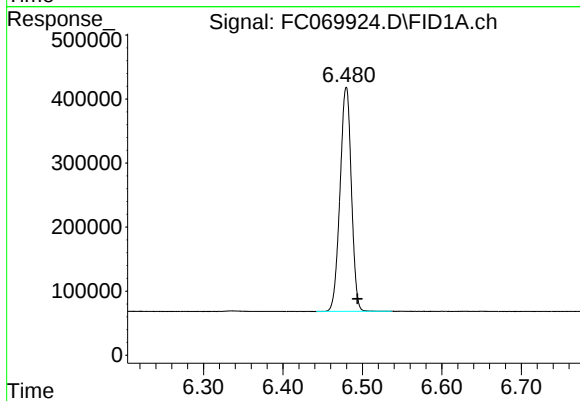
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.015 min
Response: 3260937
Conc: 24.54 ug/ml



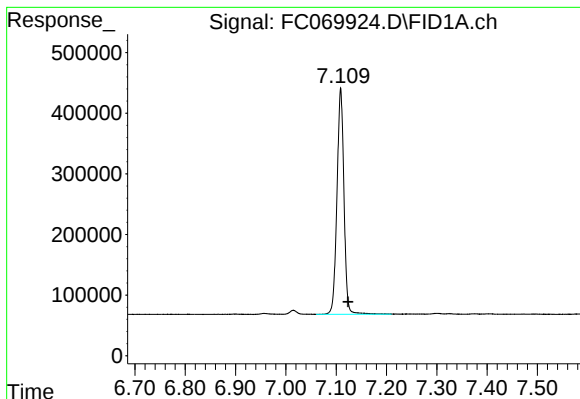
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.016 min
Response: 3635504
Conc: 24.49 ug/ml



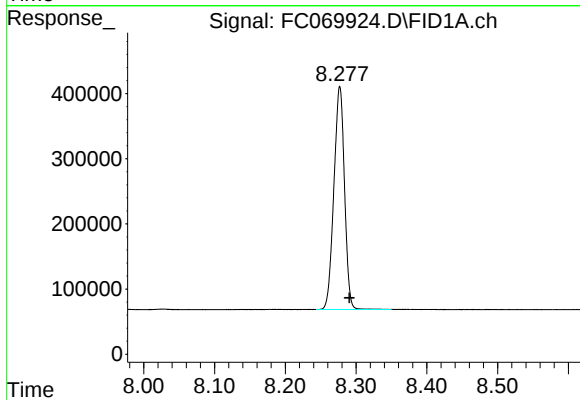
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.014 min
Response: 3473974
Conc: 24.90 ug/ml



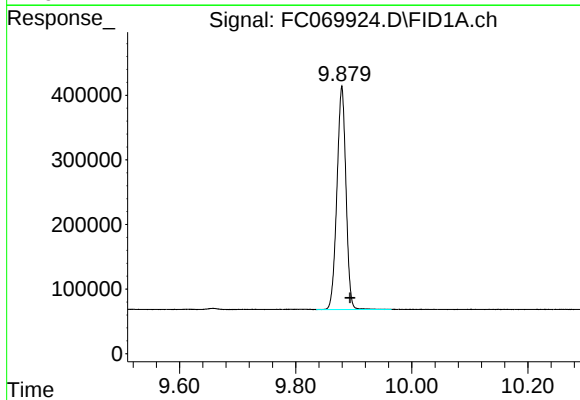
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: -0.015 min
Response: 3596122
Conc: 24.36 ug/ml



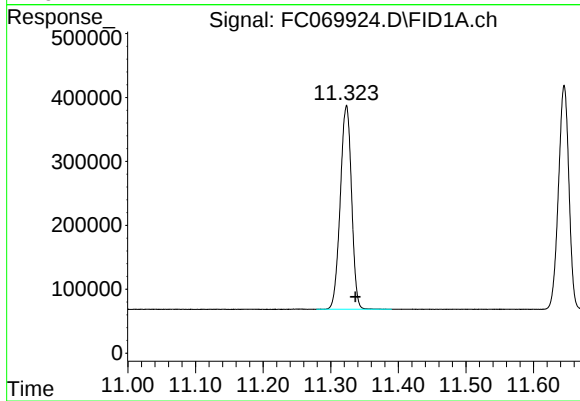
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.014 min
Response: 3567772
Conc: 24.05 ug/ml



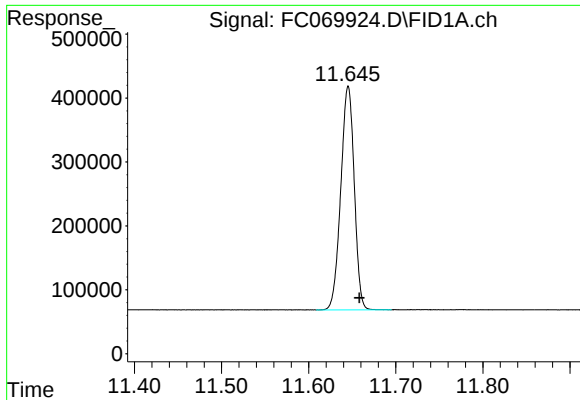
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.014 min
Response: 3728100
Conc: 22.59 ug/ml



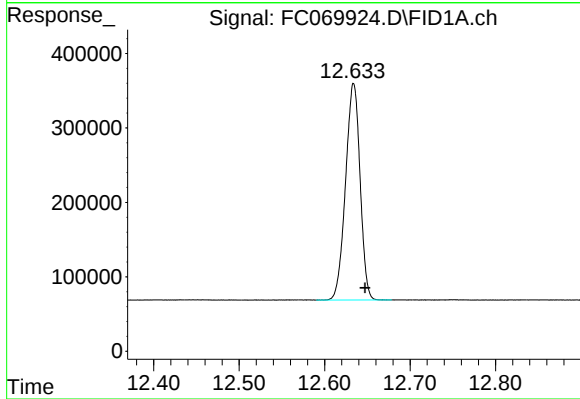
#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.013 min
Response: 3697244
Conc: 20.75 ug/ml



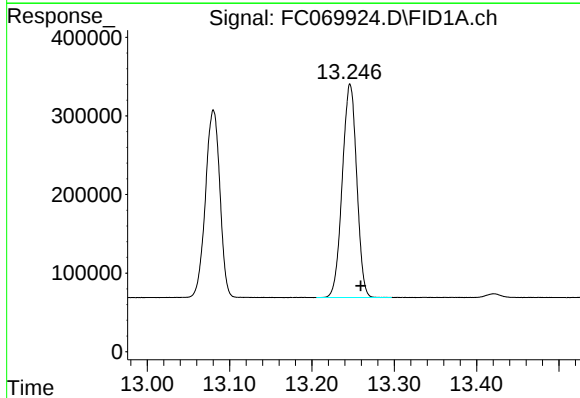
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.013 min
Response: 3756777
Conc: 20.06 ug/ml



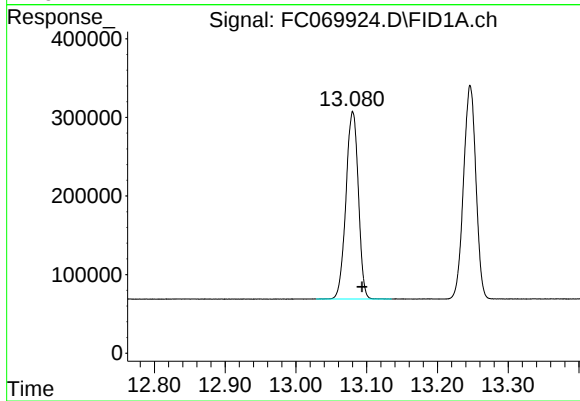
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.014 min
Response: 3437885
Conc: 19.09 ug/ml



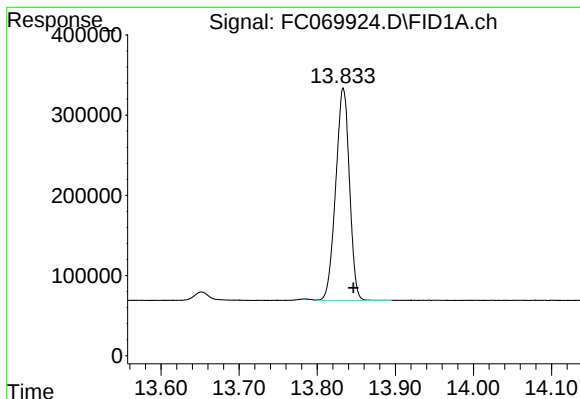
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: -0.013 min
Response: 3305248
Conc: 18.33 ug/ml



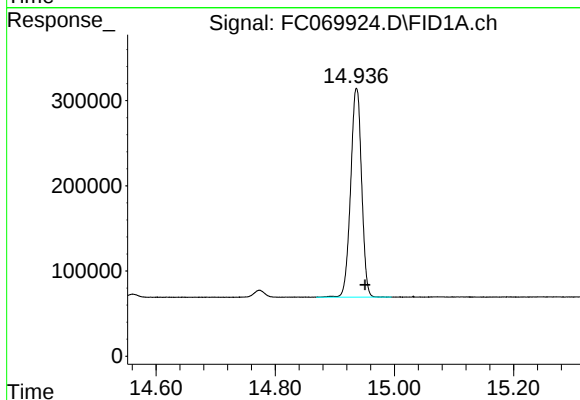
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: -0.013 min
Response: 2903629
Conc: 18.39 ug/ml



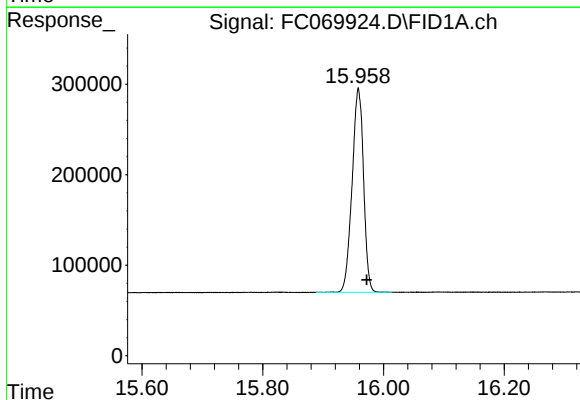
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.013 min
Response: 3239546
Conc: 17.83 ug/ml



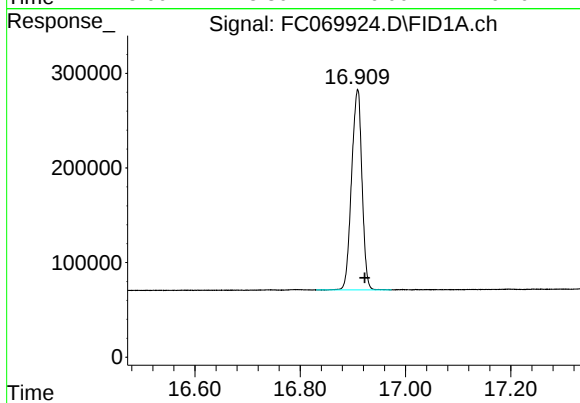
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: -0.014 min
Response: 3130730
Conc: 17.01 ug/ml



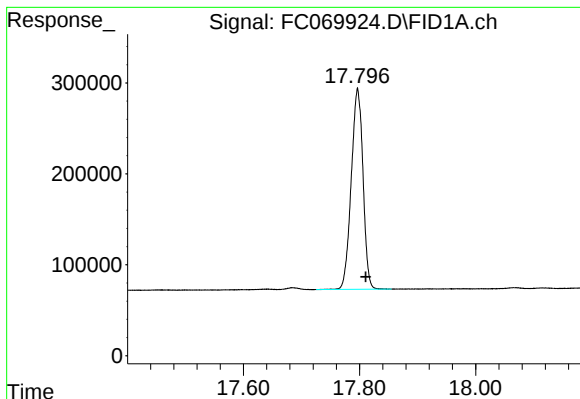
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: -0.014 min
Response: 2966158
Conc: 16.34 ug/ml



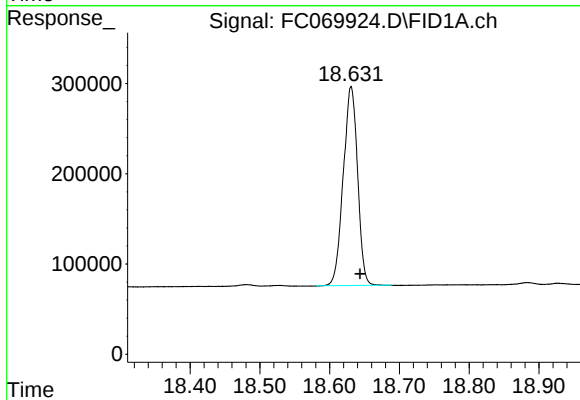
#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: -0.014 min
Response: 2906181
Conc: 16.46 ug/ml



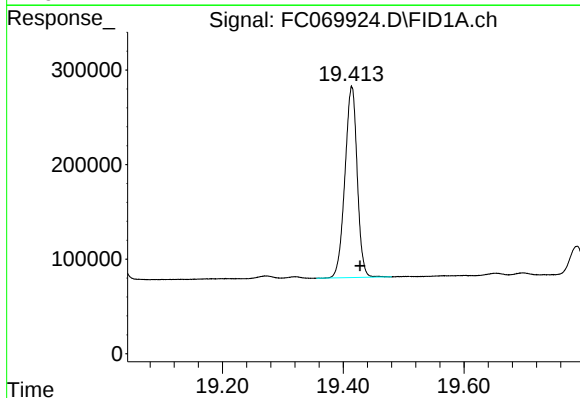
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: -0.014 min
Response: 3099974
Conc: 17.71 ug/ml



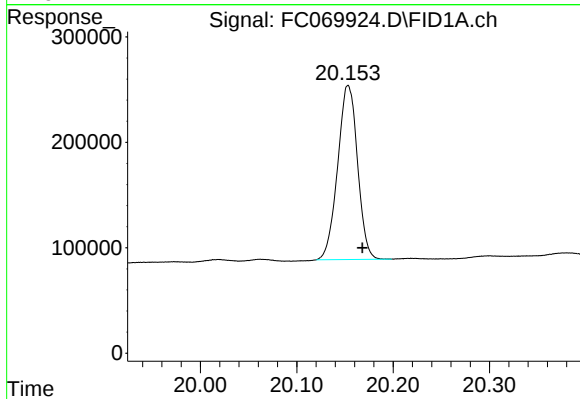
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.013 min
Response: 3145452
Conc: 19.44 ug/ml m



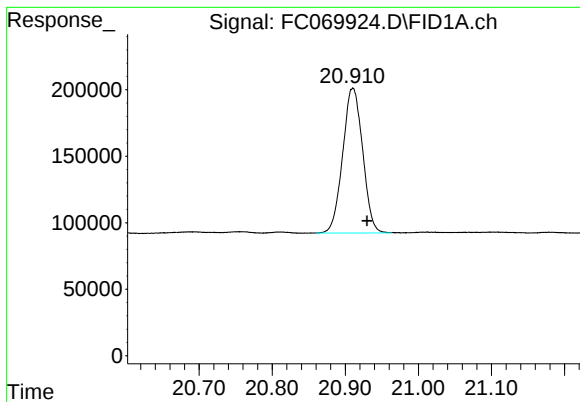
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.014 min
Response: 2856560
Conc: 20.44 ug/ml



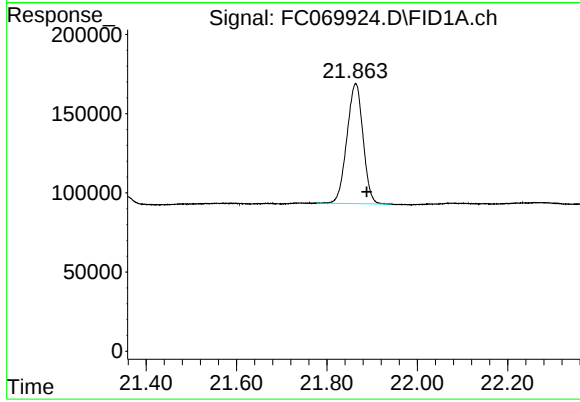
#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: -0.015 min
Response: 2359308
Conc: 20.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.020 min
Response: 2067327
Conc: 21.43 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: -0.025 min
Response: 1875779
Conc: 21.78 ug/ml m