

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070059.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 11:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 29 03:45:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.639	3243042	18.468 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
12) S 1-chlorooctadecane (S...	13.074	2497183	18.396 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
Target Compounds			
1) T n-Nonane (C9)	3.377	2501892	18.220 ug/ml
2) T n-Decane (C10)	4.449	2680247	18.644 ug/ml
3) T A~Naphthalene (C11.7)	6.044	2954563	18.281 ug/ml
4) T n-Dodecane (C12)	6.472	2814718	18.364 ug/ml
5) T A~2-methylnaphthalene...	7.103	2904882	18.207 ug/ml
6) T n-Tetradecane (C14)	8.270	2902965	18.253 ug/ml
7) T n-Hexadecane (C16)	9.873	3061271	18.166 ug/ml
8) T n-Octadecane (C18)	11.317	3114110	18.304 ug/ml
10) T n-Eicosane (C20)	12.627	2951485	18.397 ug/ml
11) T n-Heneicosane (C21)	13.240	2865634	18.455 ug/ml
13) T n-Docosane (C22)	13.827	2835316	18.424 ug/ml
14) T n-Tetracosane (C24)	14.932	2787500	18.384 ug/ml
15) T n-Hexacosane (C26)	15.954	2661271	18.387 ug/ml
16) T n-Octacosane (C28)	16.905	2597399	18.780 ug/ml
17) T n-Tricontane (C30)	17.794	2770012	20.288 ug/ml
18) T n-Dotriacontane (C32)	18.627	2749646	21.326 ug/ml
19) T n-Tetratriacontane (C34)	19.410	2481732	21.751 ug/ml
20) T n-Hexatriacontane (C36)	20.151	2033537	21.027 ug/ml
21) T n-Octatriacontane (C38)	20.909	1803927	20.697 ug/ml
22) T n-Tetracontane (C40)	21.859	1645448	20.027 ug/ml

(f)=RT Delta > 1/2 Window

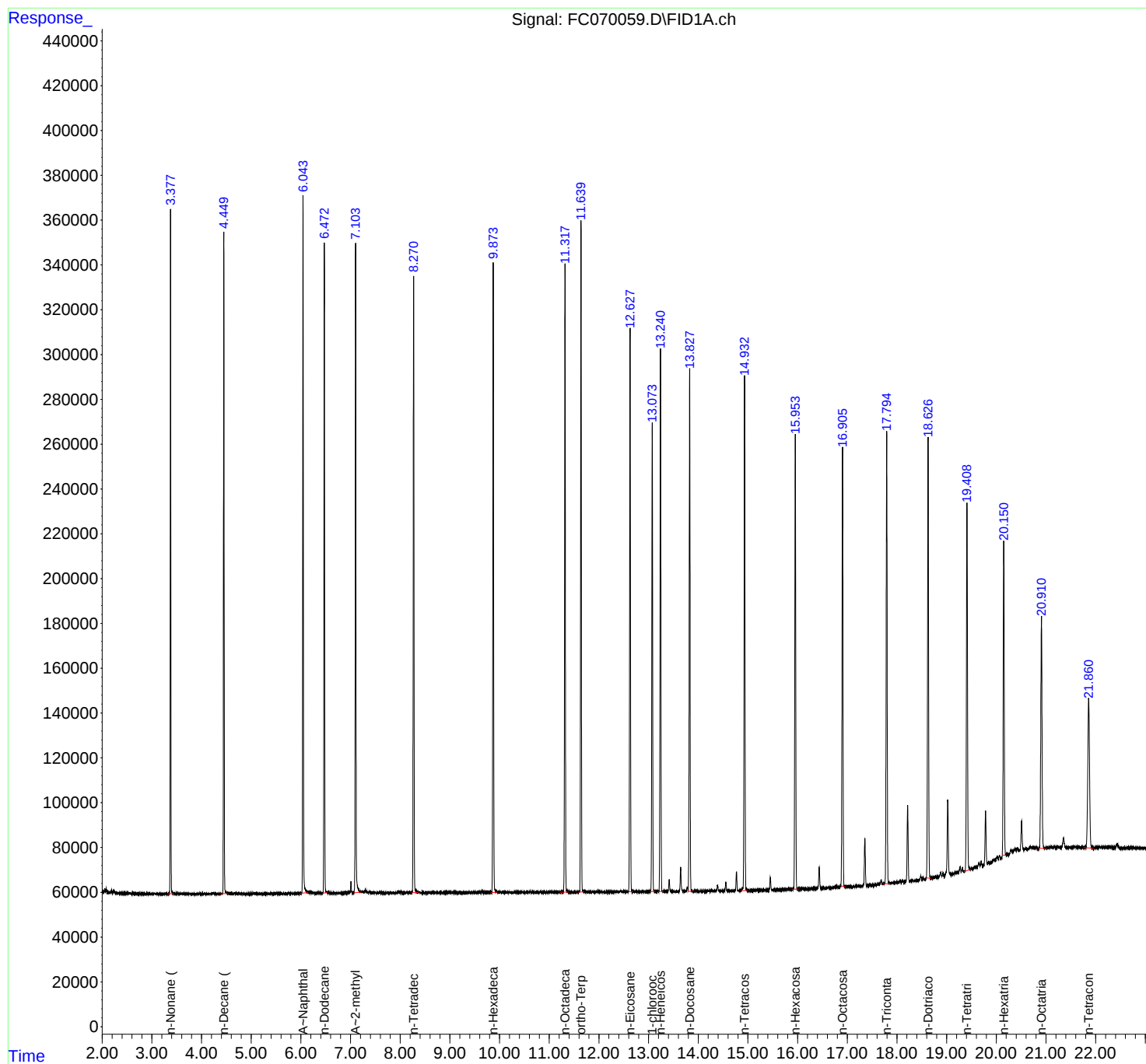
(m)=manual int.

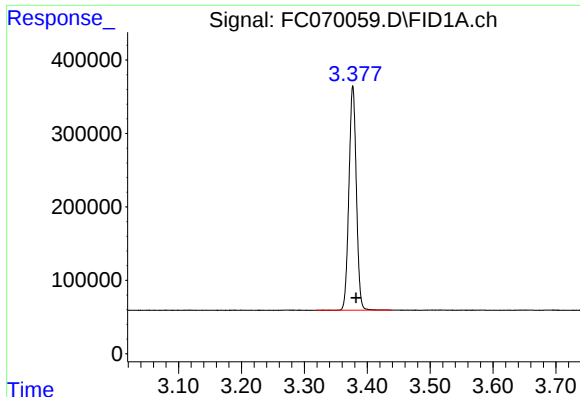
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
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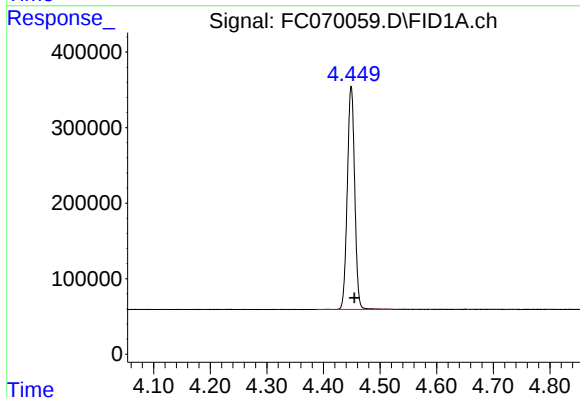




#1 n-Nonane (C9)

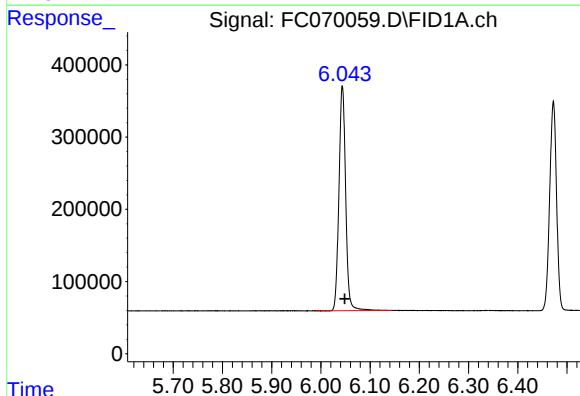
R.T.: 3.377 min
Delta R.T.: -0.005 min
Response: 2501892
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



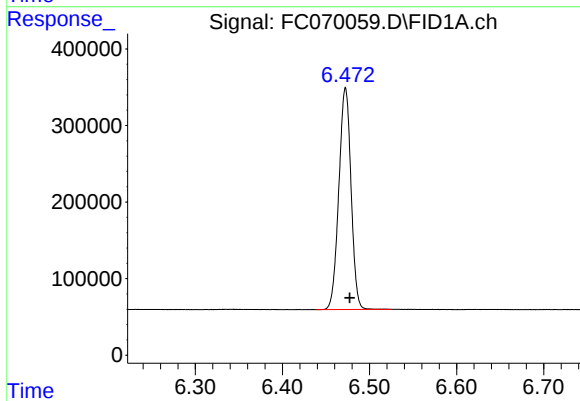
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.006 min
Response: 2680247
Conc: 18.64 ug/ml



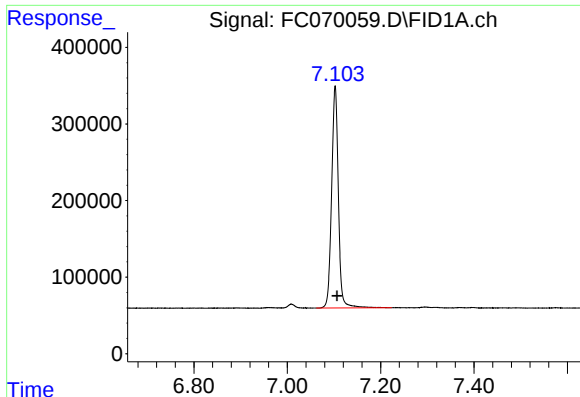
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.004 min
Response: 2954563
Conc: 18.28 ug/ml



#4 n-Dodecane (C12)

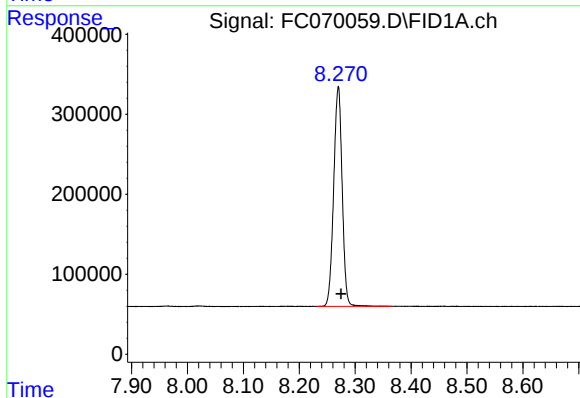
R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 2814718
Conc: 18.36 ug/ml



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

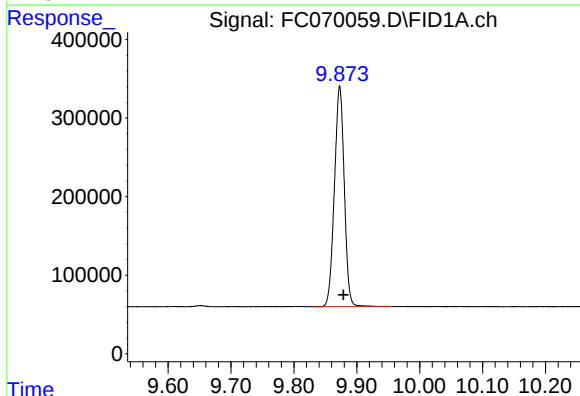
R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 2904882
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



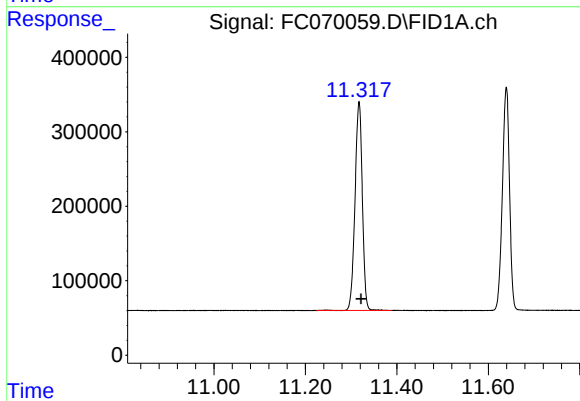
#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.005 min
Response: 2902965
Conc: 18.25 ug/ml



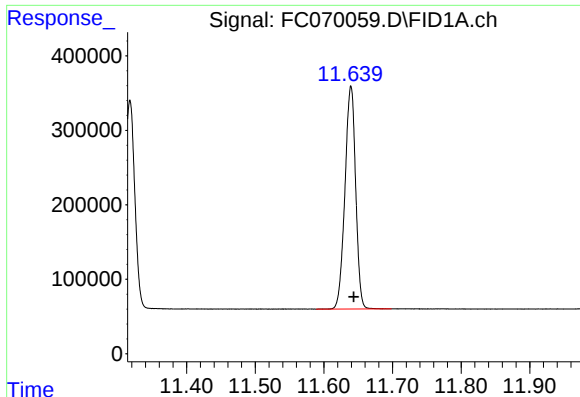
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.006 min
Response: 3061271
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

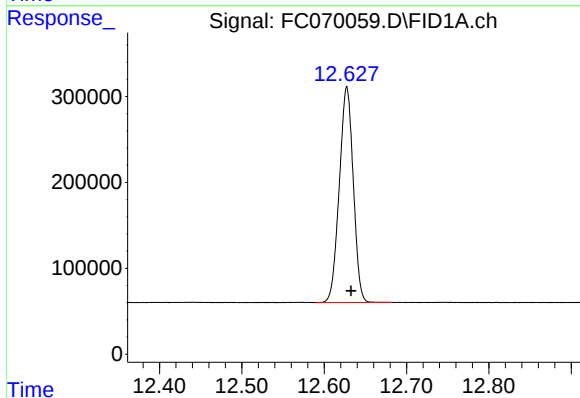
R.T.: 11.317 min
Delta R.T.: -0.005 min
Response: 3114110
Conc: 18.30 ug/ml



#9 ortho-Terphenyl (SURR)

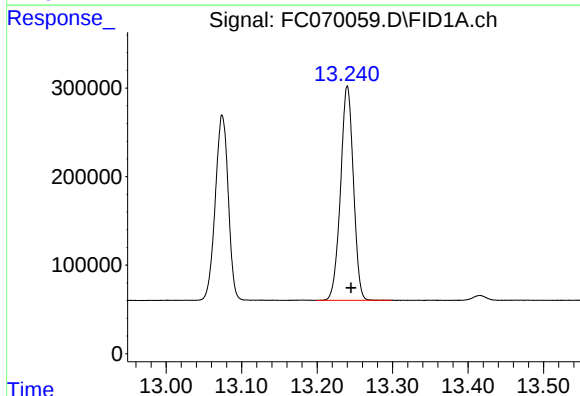
R.T.: 11.639 min
Delta R.T.: -0.004 min
Response: 3243042
Conc: 18.47 ug/ml

Instrument :
FID_C
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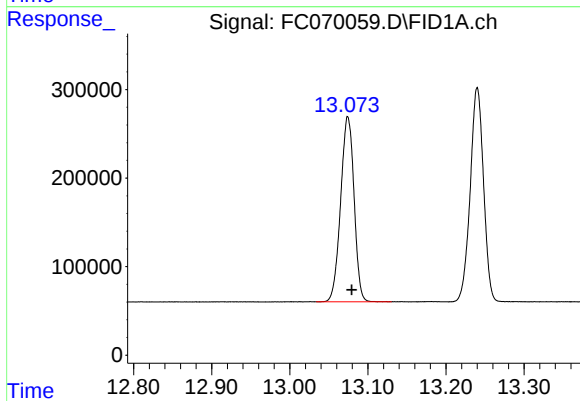
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: -0.005 min
Response: 2951485
Conc: 18.40 ug/ml



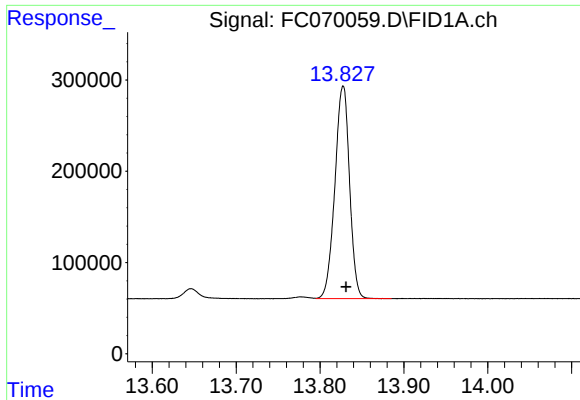
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: -0.005 min
Response: 2865634
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

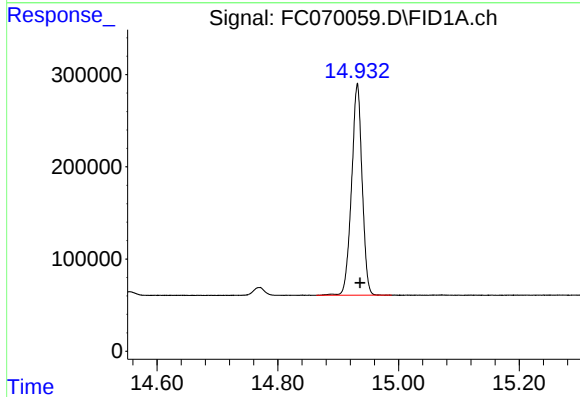
R.T.: 13.074 min
Delta R.T.: -0.005 min
Response: 2497183
Conc: 18.40 ug/ml



#13 n-Docosane (C22)

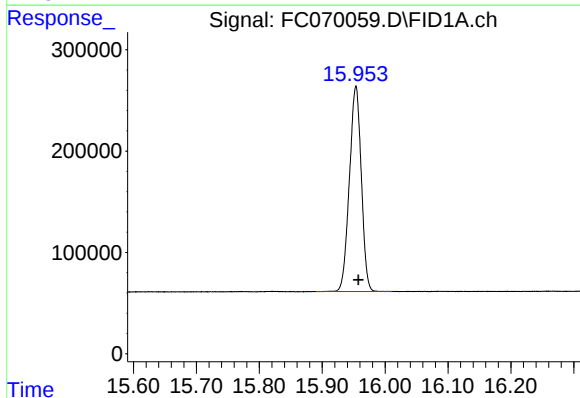
R.T.: 13.827 min
Delta R.T.: -0.004 min
Response: 2835316
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



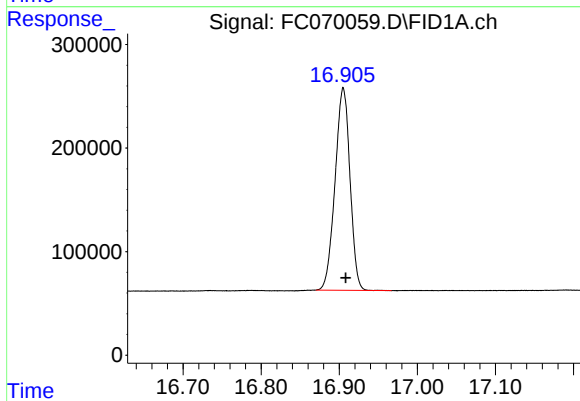
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 2787500
Conc: 18.38 ug/ml



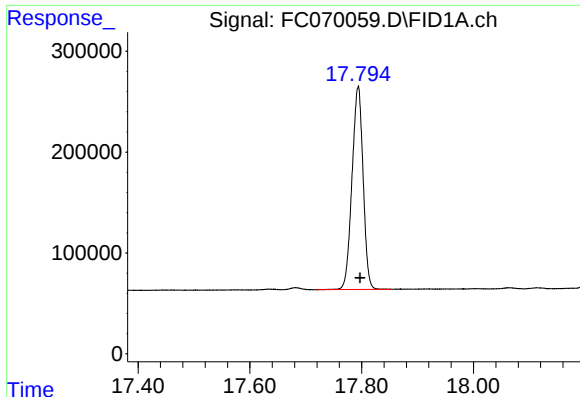
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.004 min
Response: 2661271
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

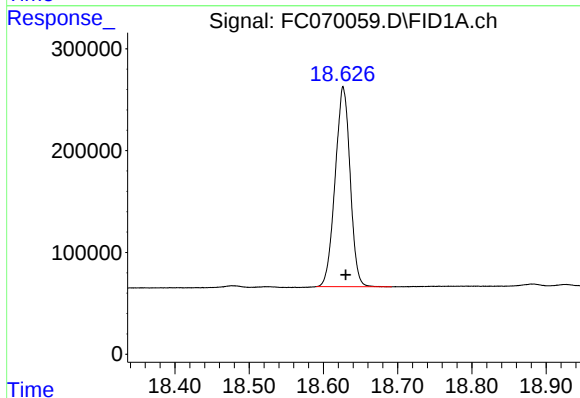
R.T.: 16.905 min
Delta R.T.: -0.003 min
Response: 2597399
Conc: 18.78 ug/ml



#17 n-Tricontane (C30)

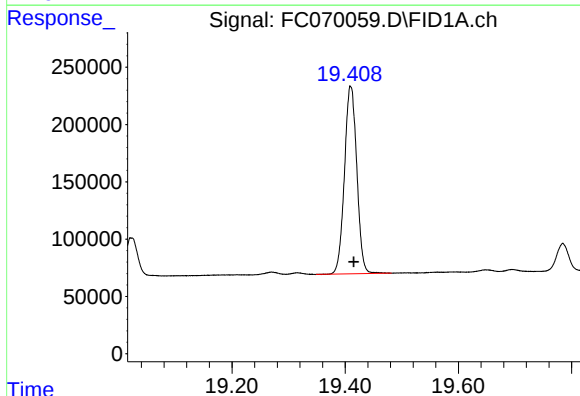
R.T.: 17.794 min
Delta R.T.: -0.003 min
Response: 2770012
Conc: 20.29 ug/ml

Instrument :
FID_C
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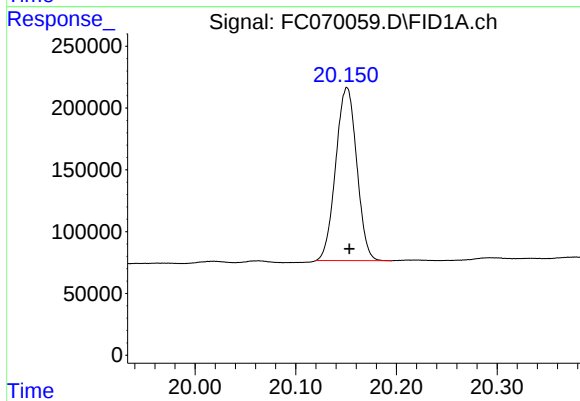
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.003 min
Response: 2749646
Conc: 21.33 ug/ml



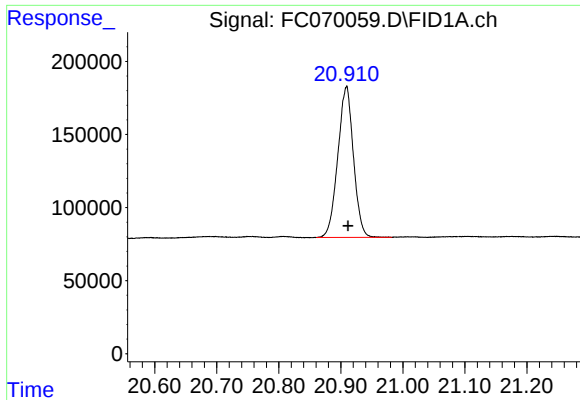
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: -0.005 min
Response: 2481732
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

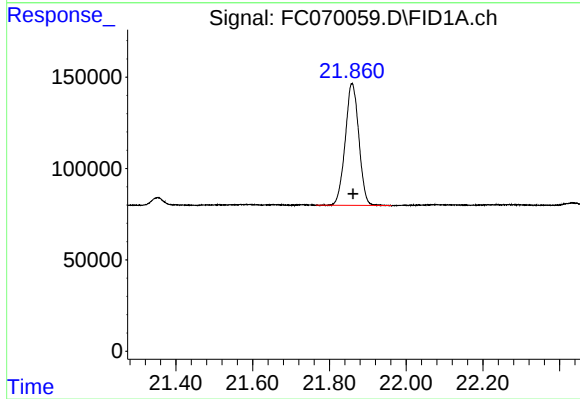
R.T.: 20.151 min
Delta R.T.: -0.003 min
Response: 2033537
Conc: 21.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.003 min
Response: 1803927
Conc: 20.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.003 min
Response: 1645448
Conc: 20.03 ug/ml