

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
 Data File : FC069669.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2025 10:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 18 01:17:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.660	2715536	18.202 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
12) S 1-chlorooctadecane (S...	13.096	2019648	18.525 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T n-Nonane (C9)	3.395	2561941	17.982 ug/ml
2) T n-Decane (C10)	4.467	2647461	18.210 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2825988	18.213 ug/ml
4) T n-Dodecane (C12)	6.490	2658666	18.187 ug/ml
5) T A~2-methylnaphthalene...	7.120	2695869	18.305 ug/ml
6) T n-Tetradecane (C14)	8.289	2614547	18.321 ug/ml
7) T n-Hexadecane (C16)	9.894	2650012	18.382 ug/ml
8) T n-Octadecane (C18)	11.339	2583555	18.270 ug/ml
10) T n-Eicosane (C20)	12.651	2407615	18.277 ug/ml
11) T n-Heneicosane (C21)	13.263	2327694	18.250 ug/ml
13) T n-Docosane (C22)	13.850	2288169	18.317 ug/ml
14) T n-Tetracosane (C24)	14.955	2213435	18.343 ug/ml
15) T n-Hexacosane (C26)	15.977	2120374	18.350 ug/ml
16) T n-Octacosane (C28)	16.927	2086021	18.610 ug/ml
17) T n-Tricontane (C30)	17.818	2213499	19.332 ug/ml
18) T n-Dotriacontane (C32)	18.651	2259998	20.345 ug/ml
19) T n-Tetratriacontane (C34)	19.436	2063890	20.269 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1760640	19.746 ug/ml
21) T n-Octatriacontane (C38)	20.939	1558302	19.372 ug/ml
22) T n-Tetracontane (C40)	21.899	1433952	19.150 ug/ml

(f)=RT Delta > 1/2 Window

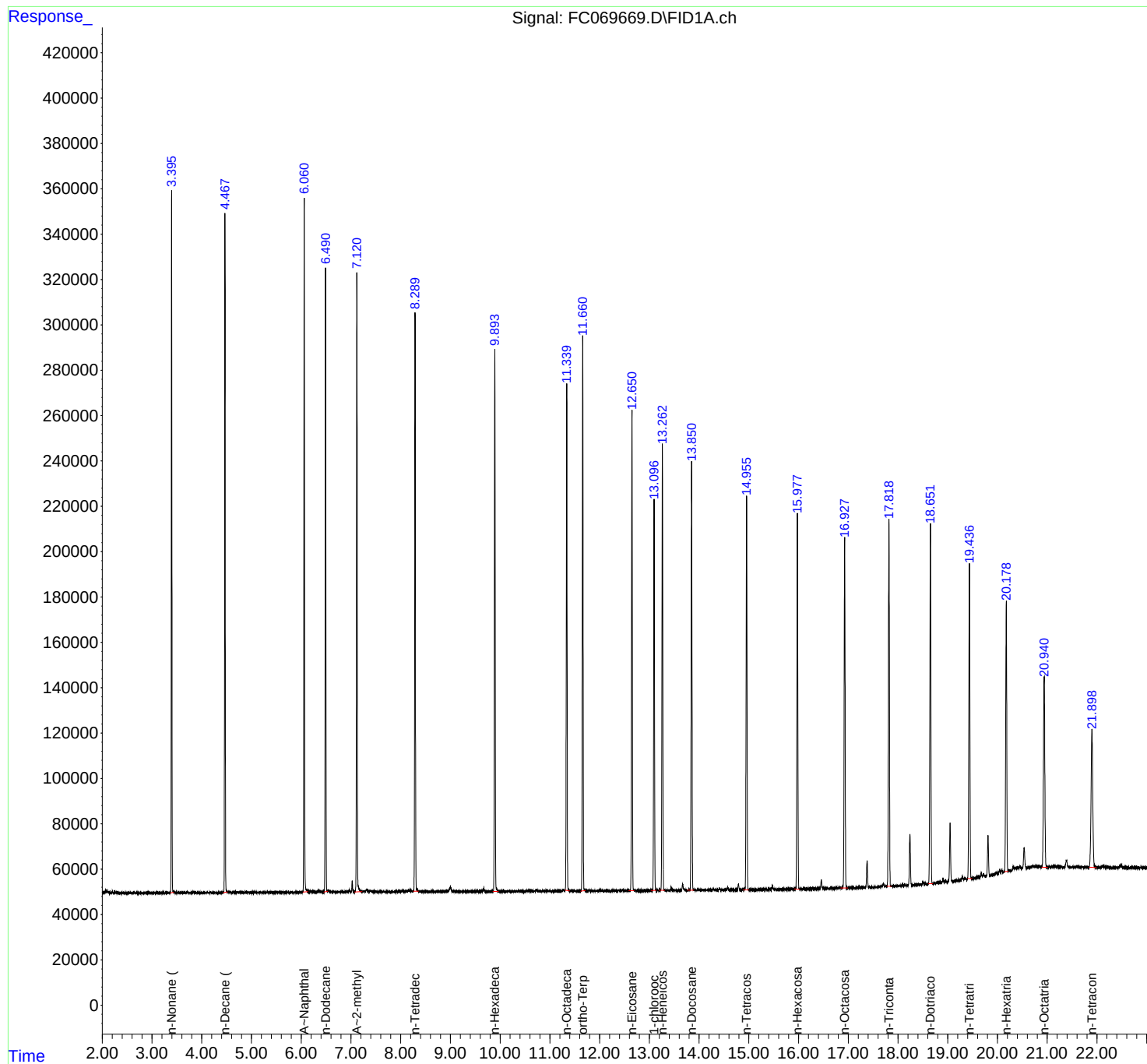
(m)=manual int.

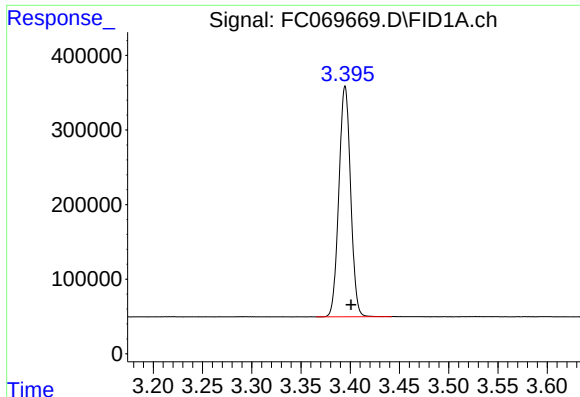
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
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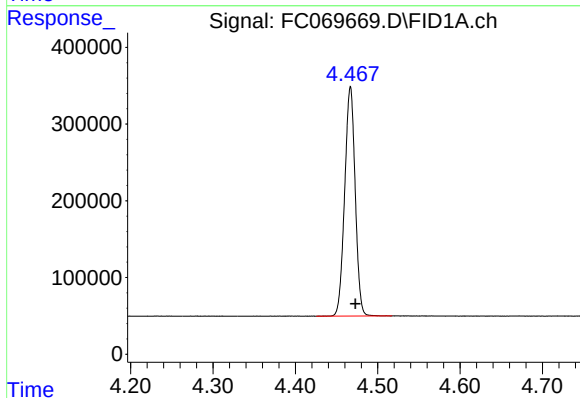




#1 n-Nonane (C9)

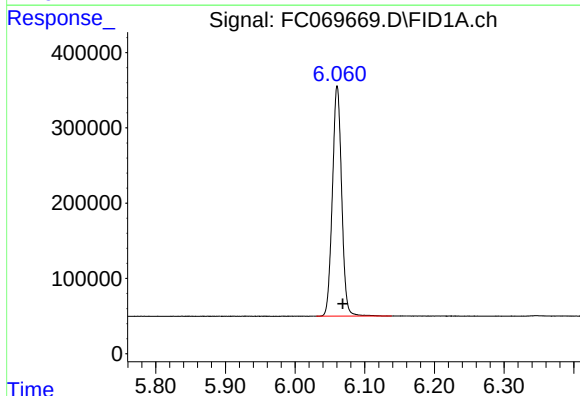
R.T.: 3.395 min
Delta R.T.: -0.006 min
Response: 2561941
Conc: 17.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



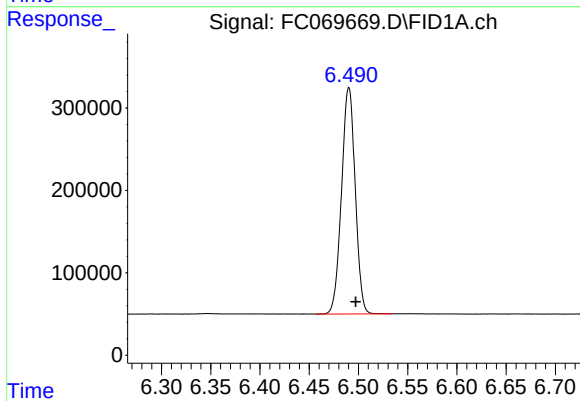
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.006 min
Response: 2647461
Conc: 18.21 ug/ml



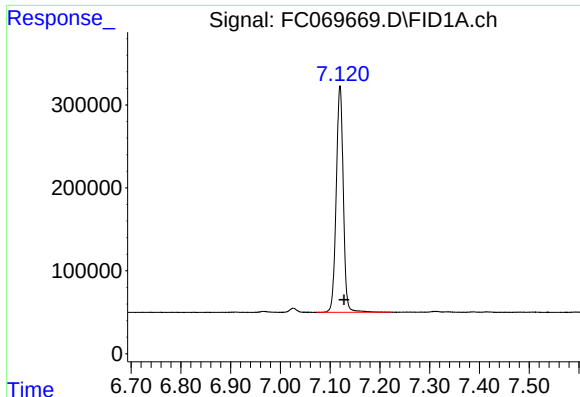
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.008 min
Response: 2825988
Conc: 18.21 ug/ml



#4 n-Dodecane (C12)

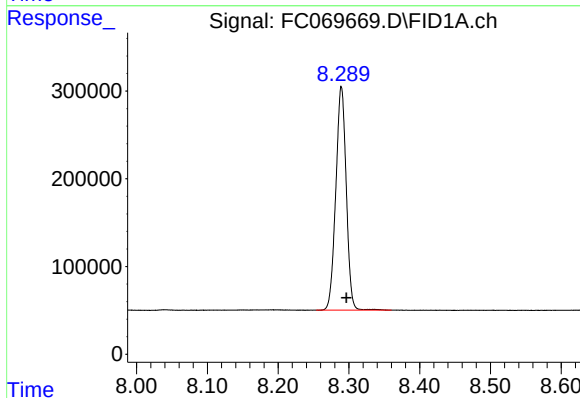
R.T.: 6.490 min
Delta R.T.: -0.007 min
Response: 2658666
Conc: 18.19 ug/ml



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

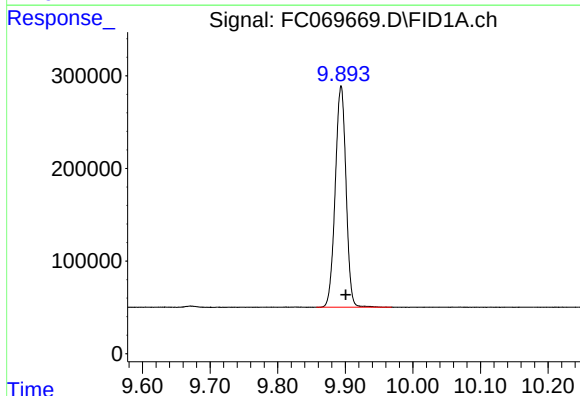
R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 2695869
Conc: 18.31 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



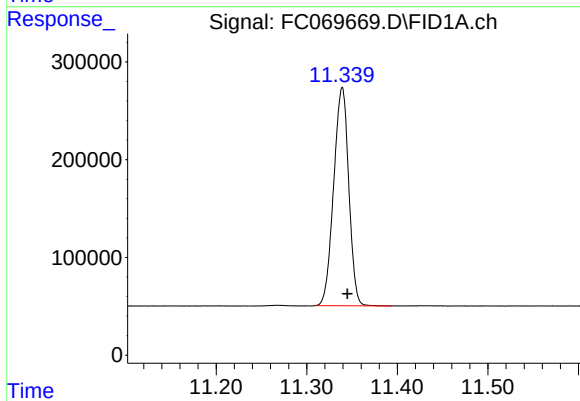
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 2614547
Conc: 18.32 ug/ml



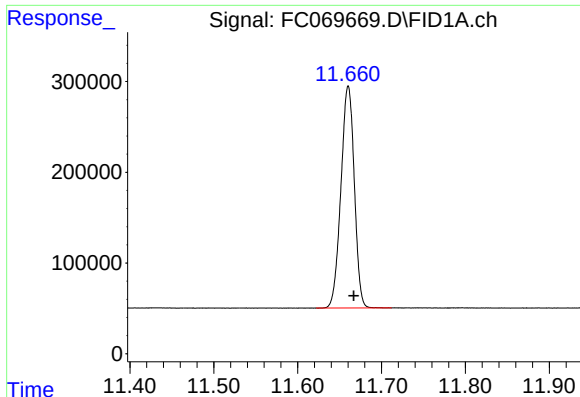
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.007 min
Response: 2650012
Conc: 18.38 ug/ml



#8 n-Octadecane (C18)

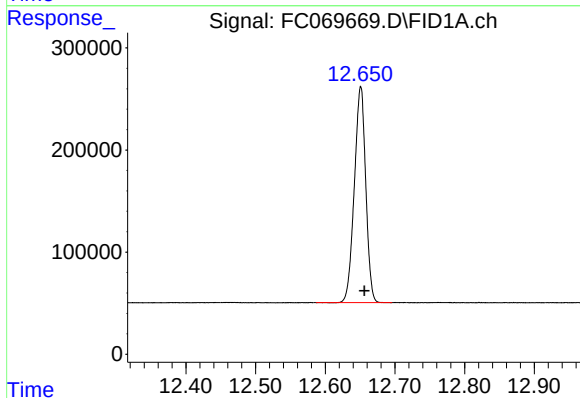
R.T.: 11.339 min
Delta R.T.: -0.006 min
Response: 2583555
Conc: 18.27 ug/ml



#9 ortho-Terphenyl (SURR)

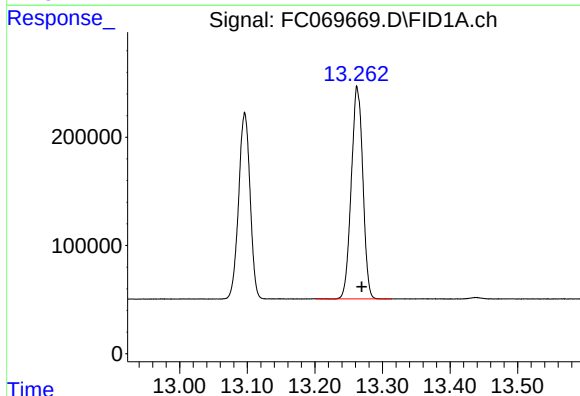
R.T.: 11.660 min
Delta R.T.: -0.007 min
Response: 2715536
Conc: 18.20 ug/ml

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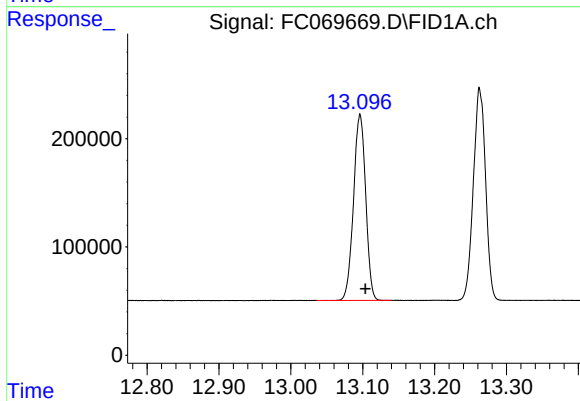
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.006 min
Response: 2407615
Conc: 18.28 ug/ml



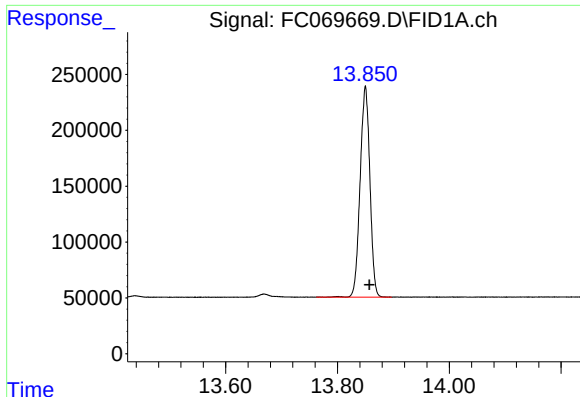
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.007 min
Response: 2327694
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

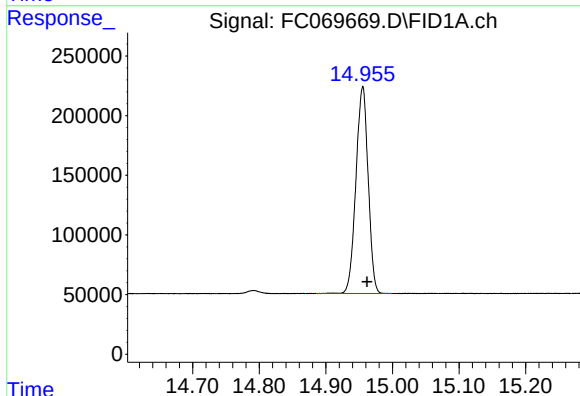
R.T.: 13.096 min
Delta R.T.: -0.007 min
Response: 2019648
Conc: 18.52 ug/ml



#13 n-Docosane (C22)

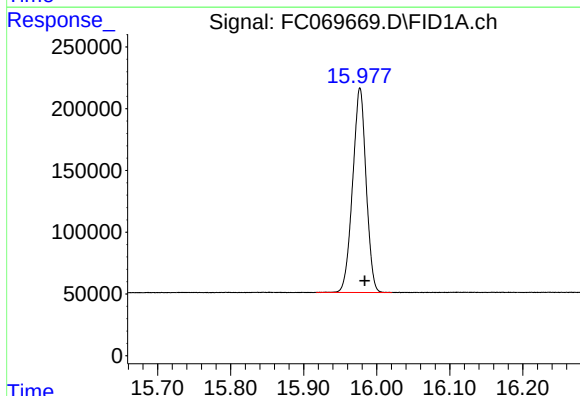
R.T.: 13.850 min
Delta R.T.: -0.007 min
Response: 2288169
Conc: 18.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



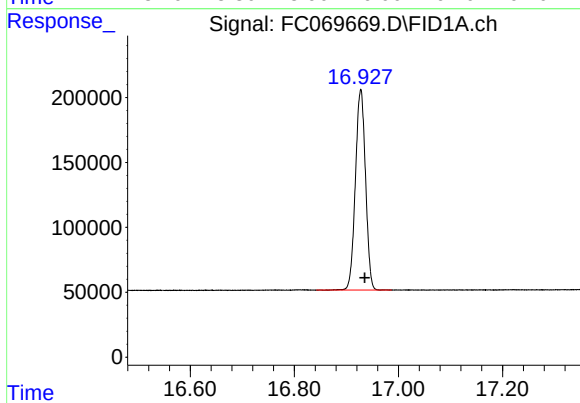
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: -0.007 min
Response: 2213435
Conc: 18.34 ug/ml



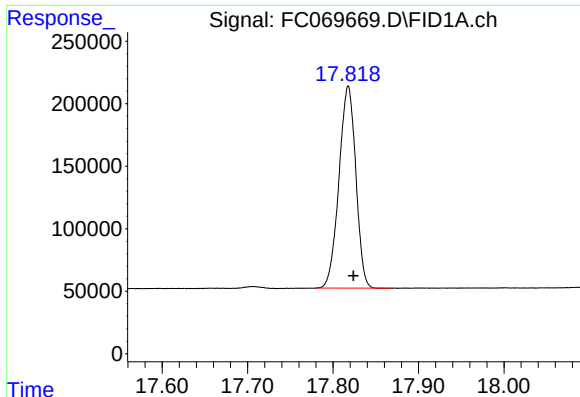
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: -0.007 min
Response: 2120374
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

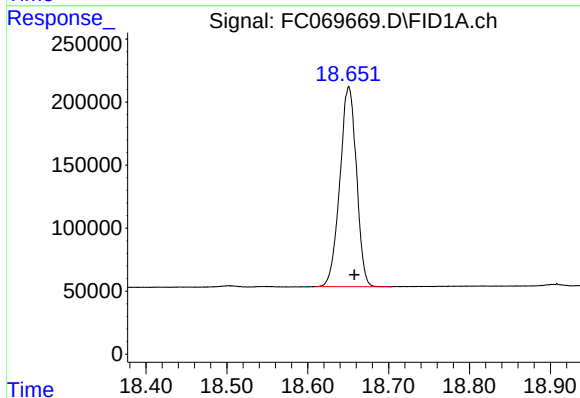
R.T.: 16.927 min
Delta R.T.: -0.008 min
Response: 2086021
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

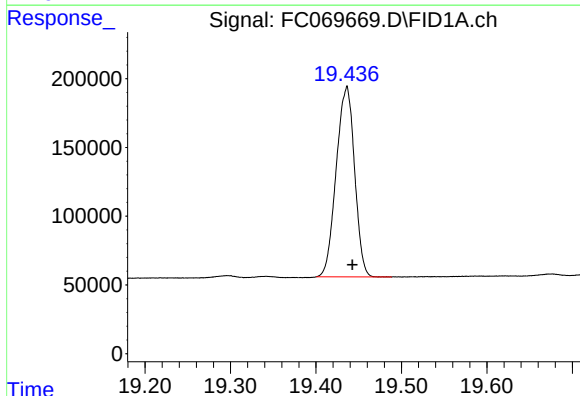
R.T.: 17.818 min
Delta R.T.: -0.006 min
Response: 2213499
Conc: 19.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



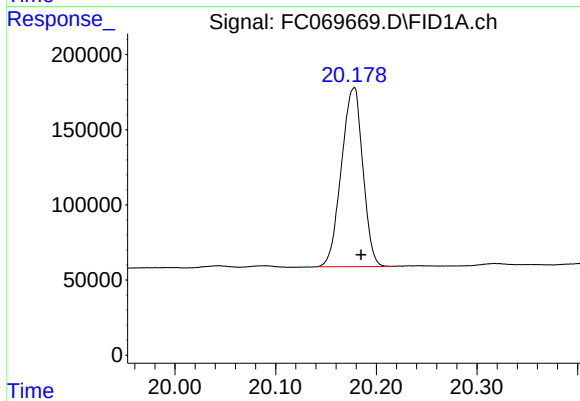
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.007 min
Response: 2259998
Conc: 20.35 ug/ml



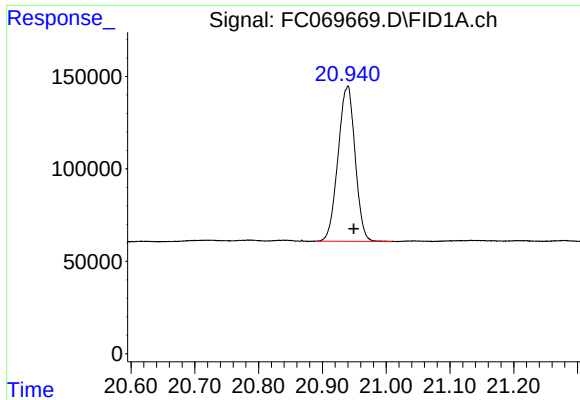
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min
Delta R.T.: -0.007 min
Response: 2063890
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

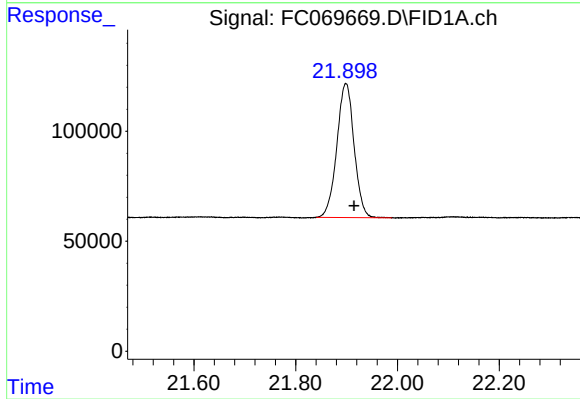
R.T.: 20.177 min
Delta R.T.: -0.008 min
Response: 1760640
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.939 min
Delta R.T.: -0.010 min
Response: 1558302
Conc: 19.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.899 min
Delta R.T.: -0.016 min
Response: 1433952
Conc: 19.15 ug/ml