

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082725AL\
 Data File : FC069754.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 08:47
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 27 11:09:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 11:07:55 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)	11.670	12262642	97.875 ug/ml
Spiked Amount 50.000		Recovery =	195.75%
12) S 1-chlorooctadecane (S...	13.104	9191788	98.484 ug/ml
Spiked Amount 50.000		Recovery =	196.97%
Target Compounds			
1) T n-Nonane (C9)	3.400	11609744	96.310 ug/ml
2) T n-Decane (C10)	4.473	11868102	96.620 ug/ml
3) T A~Naphthalene (C11.7)	6.068	12562523	96.721 ug/ml
4) T n-Dodecane (C12)	6.498	12053556	97.174 ug/ml
5) T A~2-methylnaphthalene...	7.128	12111784	97.546 ug/ml
6) T n-Tetradecane (C14)	8.297	11970742	97.234 ug/ml
7) T n-Hexadecane (C16)	9.902	12167577	97.494 ug/ml
8) T n-Octadecane (C18)	11.348	11880048	97.889 ug/ml
10) T n-Eicosane (C20)	12.658	10995483	97.890 ug/ml
11) T n-Heneicosane (C21)	13.271	10619887	98.008 ug/ml
13) T n-Docosane (C22)	13.858	10359682	98.010 ug/ml
14) T n-Tetracosane (C24)	14.962	9958197	98.059 ug/ml
15) T n-Hexacosane (C26)	15.985	9491655	97.898 ug/ml
16) T n-Octacosane (C28)	16.936	9056448	97.578 ug/ml
17) T n-Tricontane (C30)	17.825	8941551	97.222 ug/ml
18) T n-Dotriacontane (C32)	18.658	8542354	96.763 ug/ml
19) T n-Tetratriacontane (C34)	19.443	7915865	96.615 ug/ml
20) T n-Hexatriacontane (C36)	20.183	7035635	96.679 ug/ml
21) T n-Octatriacontane (C38)	20.949	6498707	96.555 ug/ml
22) T n-Tetracontane (C40)	21.908	6101389	96.053 ug/ml

(f)=RT Delta > 1/2 Window

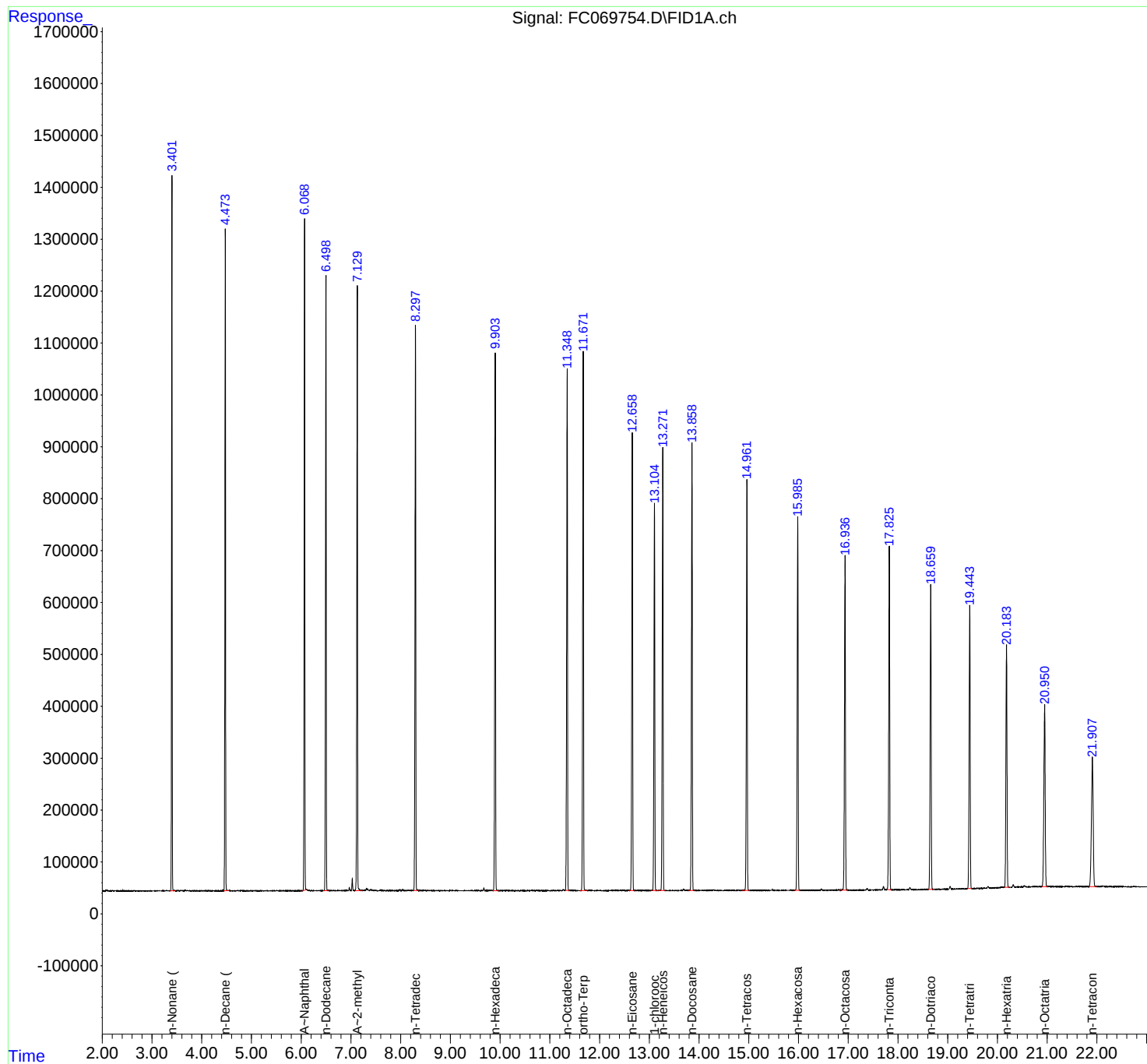
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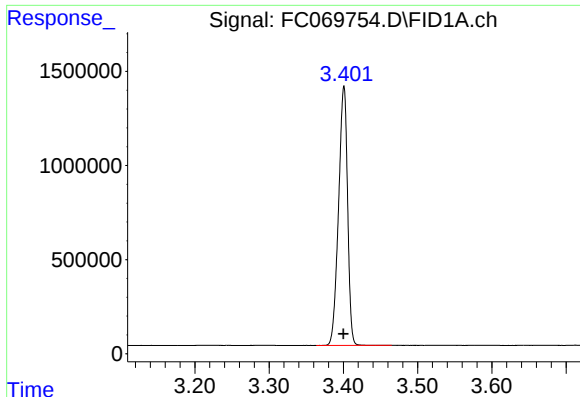
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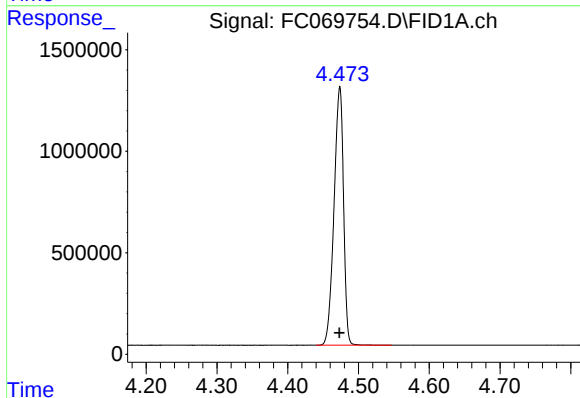




#1 n-Nonane (C9)

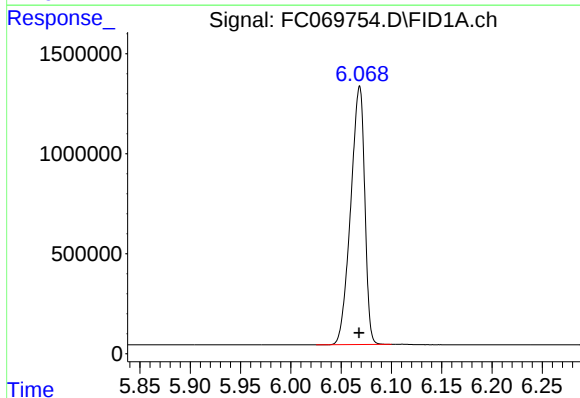
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 11609744
Conc: 96.31 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



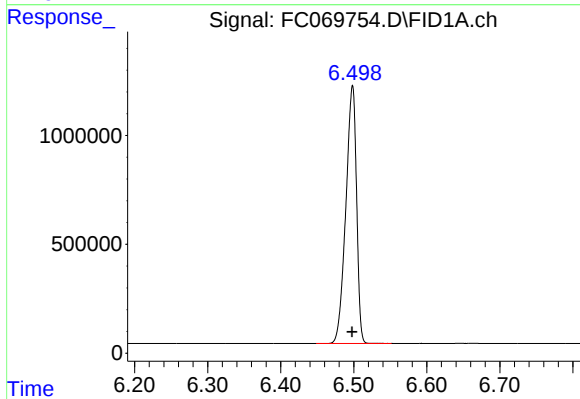
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 11868102
Conc: 96.62 ug/ml



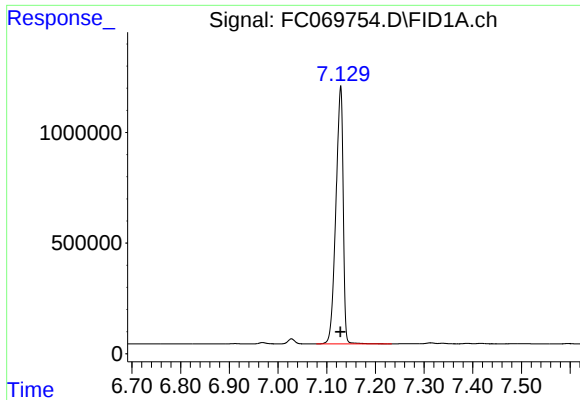
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 12562523
Conc: 96.72 ug/ml



#4 n-Dodecane (C12)

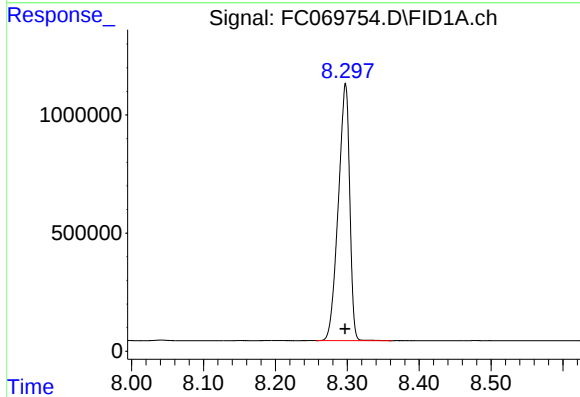
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 12053556
Conc: 97.17 ug/ml



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

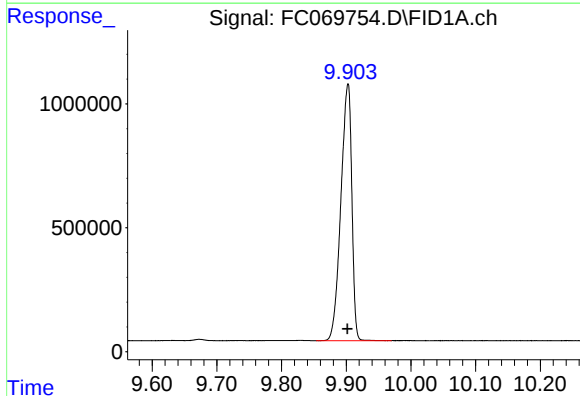
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 12111784
Conc: 97.55 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



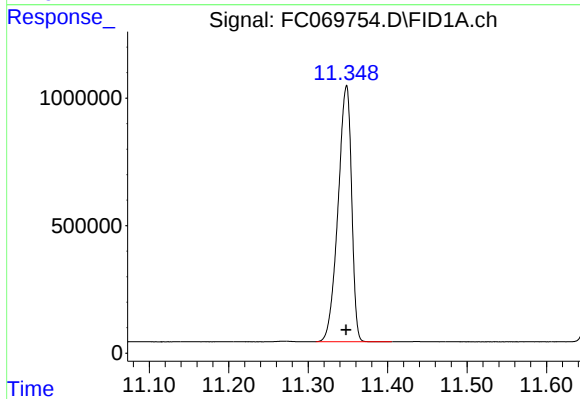
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 11970742
Conc: 97.23 ug/ml



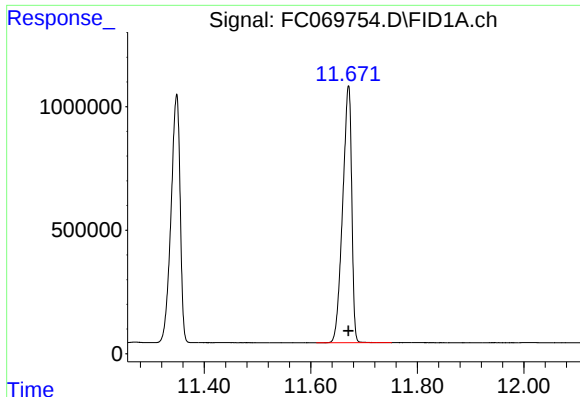
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 12167577
Conc: 97.49 ug/ml



#8 n-Octadecane (C18)

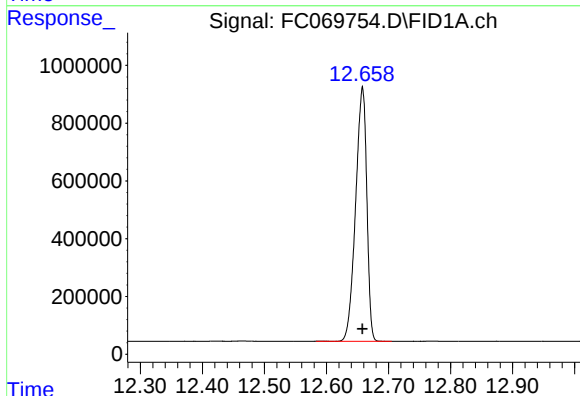
R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 11880048
Conc: 97.89 ug/ml



#9 ortho-Terphenyl (SURR)

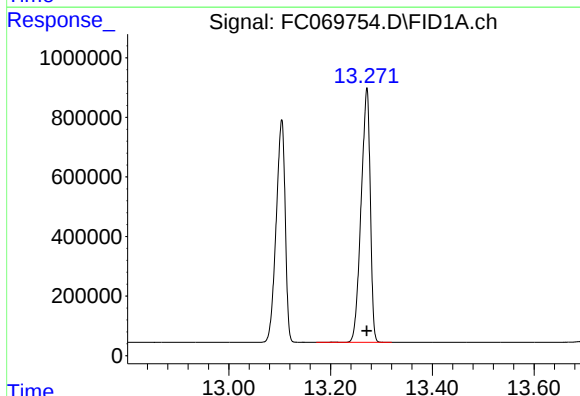
R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 12262642
Conc: 97.88 ug/ml

Instrument :
FID_C
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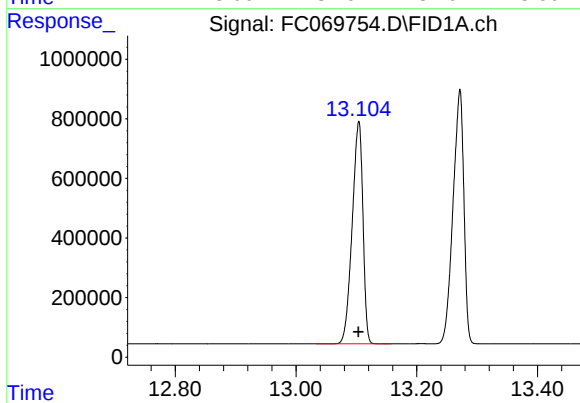
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 10995483
Conc: 97.89 ug/ml



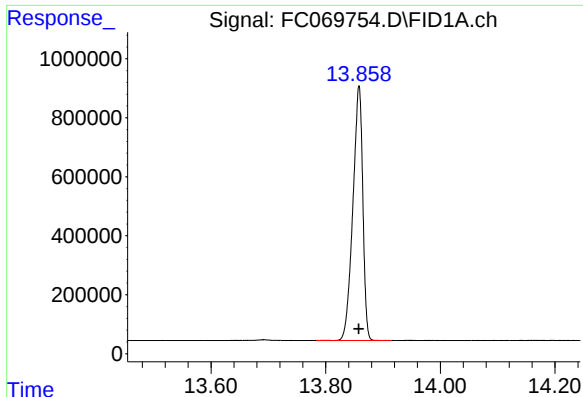
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.000 min
Response: 10619887
Conc: 98.01 ug/ml



#12 1-chlorooctadecane (SURR)

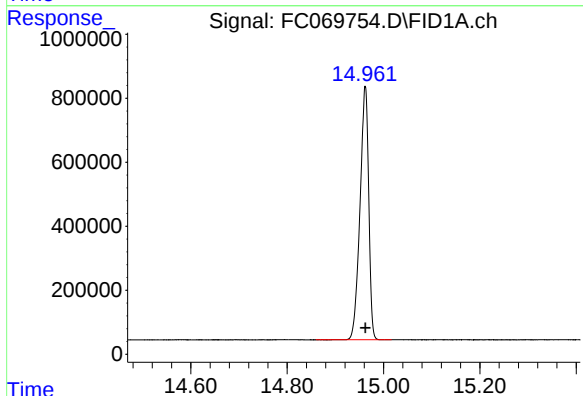
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 9191788
Conc: 98.48 ug/ml



#13 n-Docosane (C22)

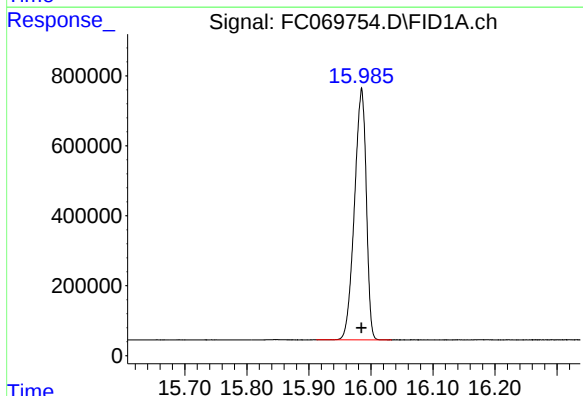
R.T.: 13.858 min
Delta R.T.: 0.000 min
Response: 10359682
Conc: 98.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



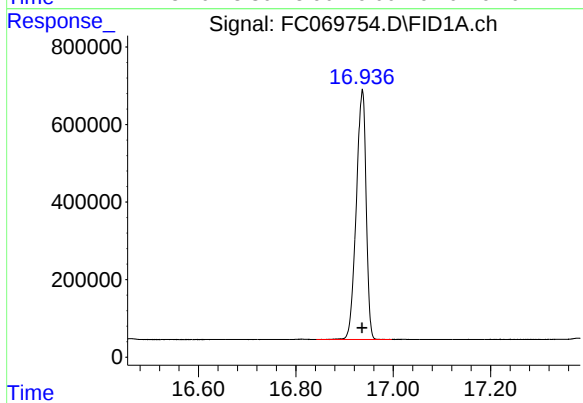
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 9958197
Conc: 98.06 ug/ml



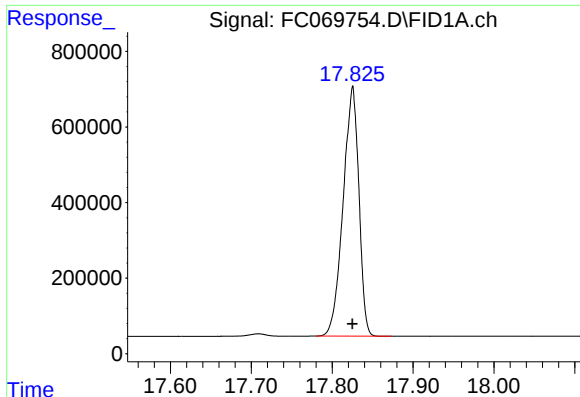
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.000 min
Response: 9491655
Conc: 97.90 ug/ml



#16 n-Octacosane (C28)

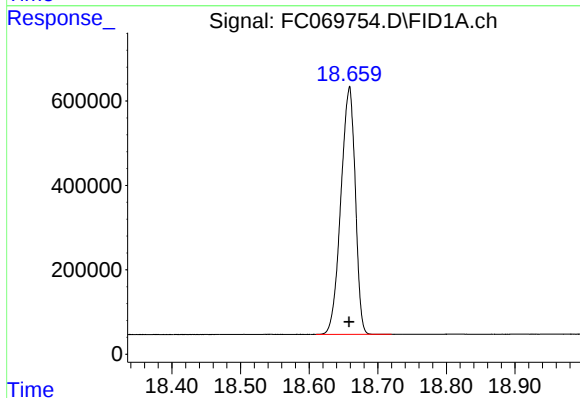
R.T.: 16.936 min
Delta R.T.: 0.000 min
Response: 9056448
Conc: 97.58 ug/ml



#17 n-Tricontane (C30)

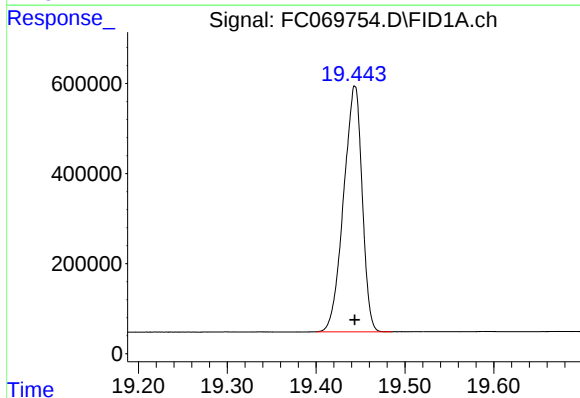
R.T.: 17.825 min
Delta R.T.: 0.000 min
Response: 8941551
Conc: 97.22 ug/ml

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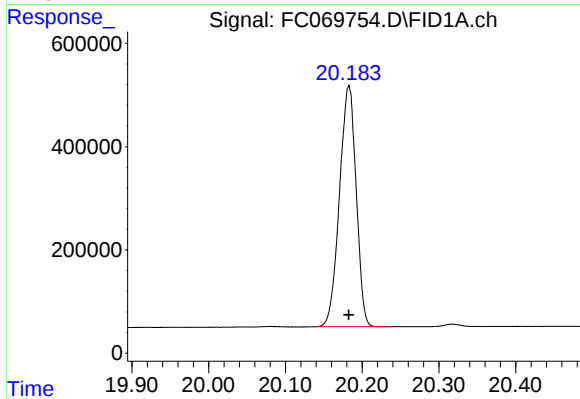
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.000 min
Response: 8542354
Conc: 96.76 ug/ml



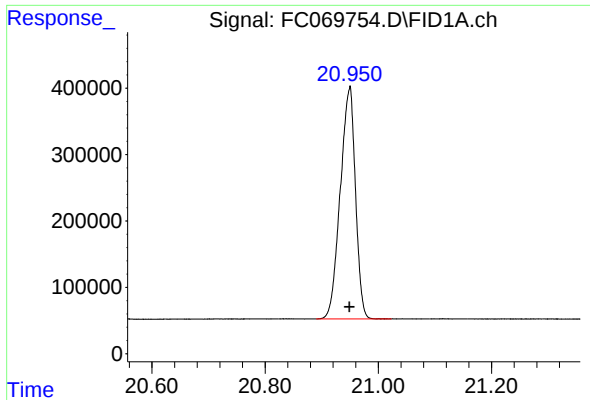
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.000 min
Response: 7915865
Conc: 96.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.183 min
Delta R.T.: 0.000 min
Response: 7035635
Conc: 96.68 ug/ml



#21 n-Octatriacontane (C38)

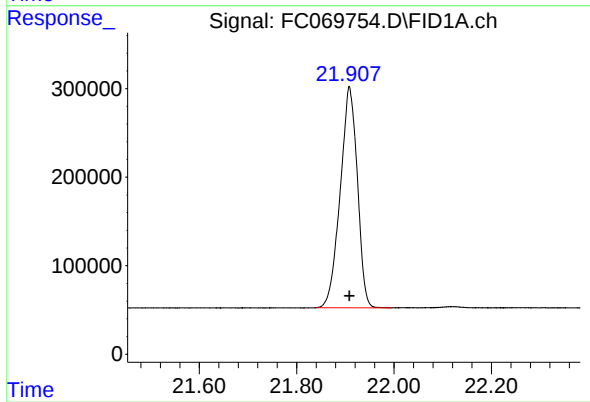
R.T.: 20.949 min
Delta R.T.: 0.000 min
Response: 6498707
Conc: 96.56 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: 0.000 min
Response: 6101389
Conc: 96.05 ug/ml