

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
 Data File : FG014995.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 09:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 20 13:41:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:38:09 2024
 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)	11.975	17471079	104.354 ug/ml
Spiked Amount 50.000		Recovery =	208.71%
12) S 1-chlorooctadecane (S...	13.418	13955816	104.065 ug/ml
Spiked Amount 50.000		Recovery =	208.13%
Target Compounds			
1) T n-Nonane (C9)	3.304	14096700	104.015 ug/ml
2) T n-Decane (C10)	4.565	14373119	104.032 ug/ml
3) T A~Naphthalene (C11.7)	6.278	15906545	104.347 ug/ml
4) T n-Dodecane (C12)	6.746	14601544	104.226 ug/ml
5) T A~2-methylnaphthalene...	7.382	15555136	104.463 ug/ml
6) T n-Tetradecane (C14)	8.585	14746199	104.368 ug/ml
7) T n-Hexadecane (C16)	10.203	15577701	104.196 ug/ml
8) T n-Octadecane (C18)	11.657	16140092	104.022 ug/ml
10) T n-Eicosane (C20)	12.973	15985459	103.948 ug/ml
11) T n-Heneicosane (C21)	13.587	15959006	103.919 ug/ml
13) T n-Docosane (C22)	14.177	16101607	103.845 ug/ml
14) T n-Tetracosane (C24)	15.285	16424333	103.436 ug/ml
15) T n-Hexacosane (C26)	16.311	16445616	102.816 ug/ml
16) T n-Octacosane (C28)	17.266	16239809	101.638 ug/ml
17) T n-Tricontane (C30)	18.157	16335777	99.750 ug/ml
18) T n-Dotriacontane (C32)	18.994	15460667	98.664 ug/ml
19) T n-Tetratriacontane (C34)	19.778	13401505	99.026 ug/ml
20) T n-Hexatriacontane (C36)	20.520	11398146	99.430 ug/ml
21) T n-Octatriacontane (C38)	21.274	10553068	100.594 ug/ml
22) T n-Tetracontane (C40)	22.225	9950611	101.031 ug/ml

(f)=RT Delta > 1/2 Window

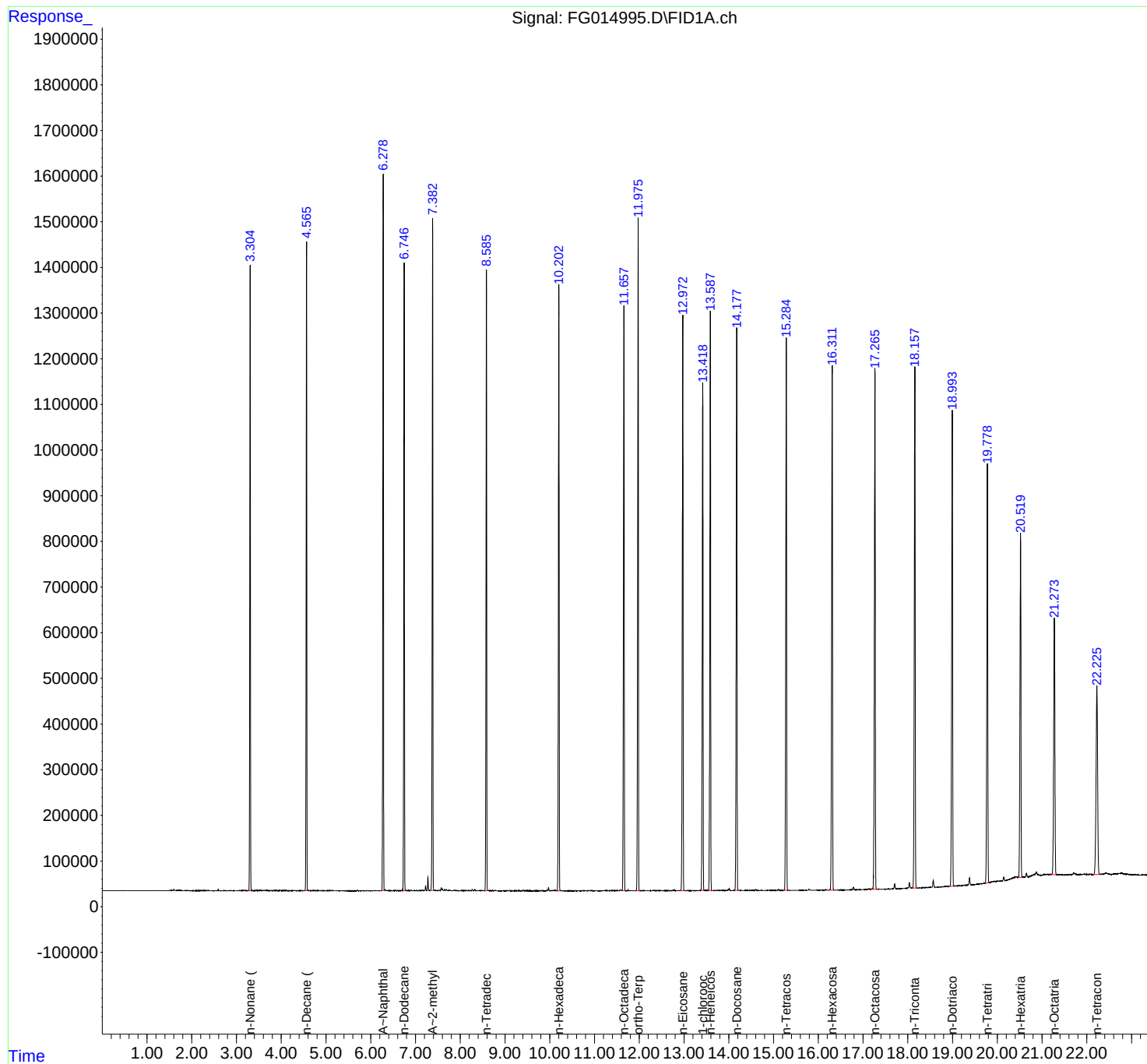
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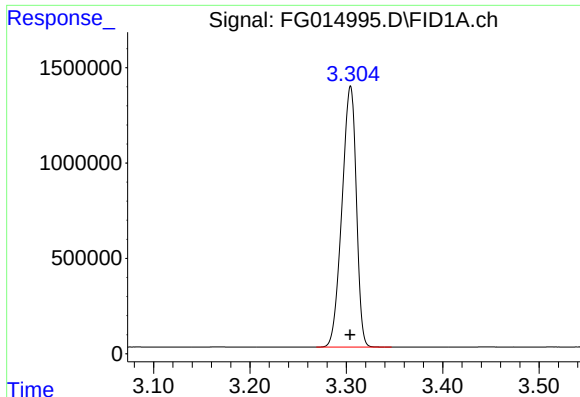
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
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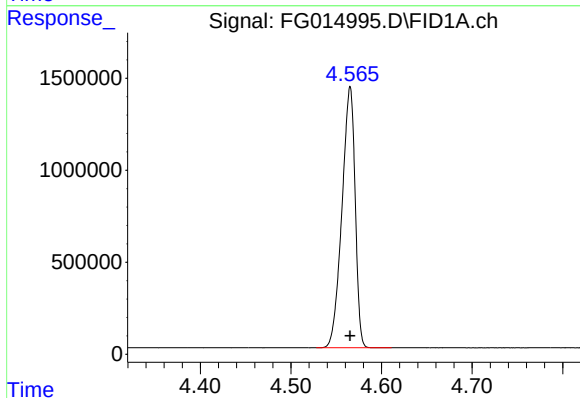




#1 n-Nonane (C9)

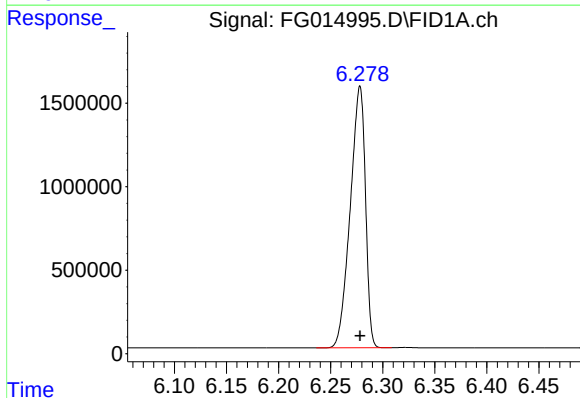
R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 14096700
Conc: 104.01 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



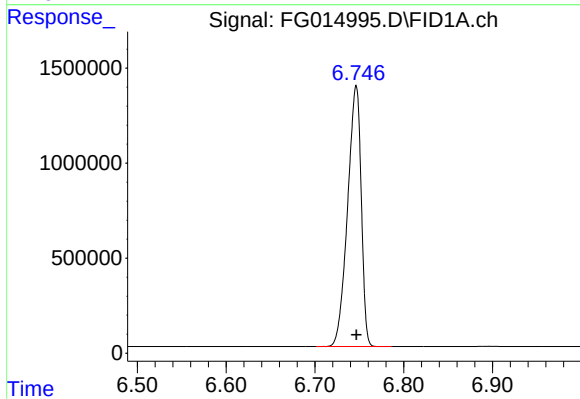
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 14373119
Conc: 104.03 ug/ml



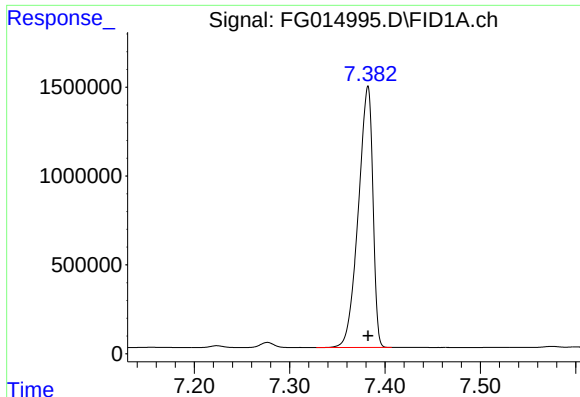
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 15906545
Conc: 104.35 ug/ml



#4 n-Dodecane (C12)

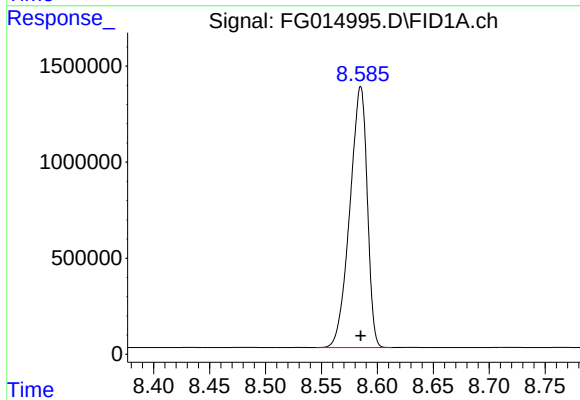
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 14601544
Conc: 104.23 ug/ml



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

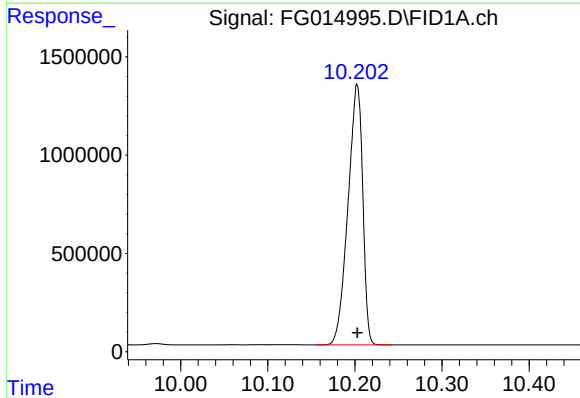
R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 15555136
Conc: 104.46 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



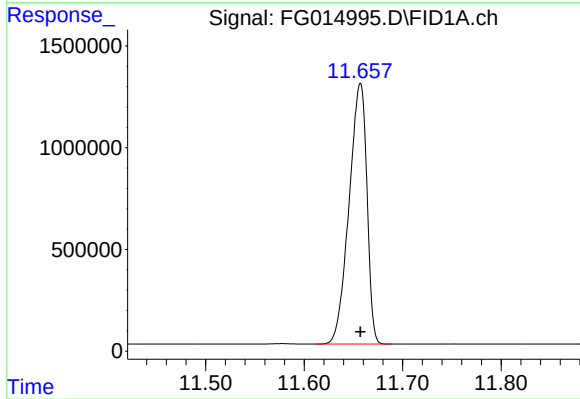
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 14746199
Conc: 104.37 ug/ml



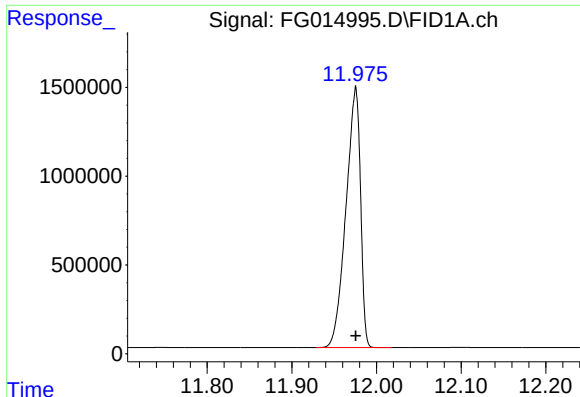
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: 0.000 min
Response: 15577701
Conc: 104.20 ug/ml



#8 n-Octadecane (C18)

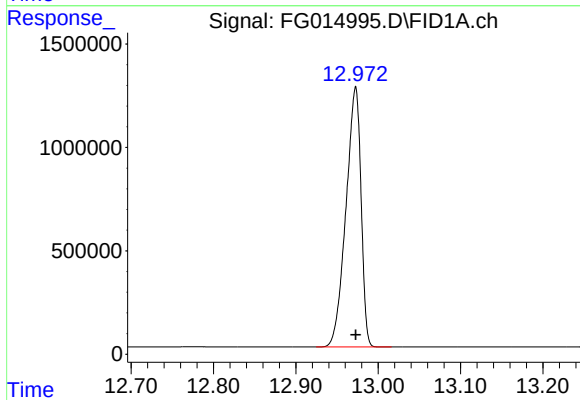
R.T.: 11.657 min
Delta R.T.: 0.000 min
Response: 16140092
Conc: 104.02 ug/ml



#9 ortho-Terphenyl (SURR)

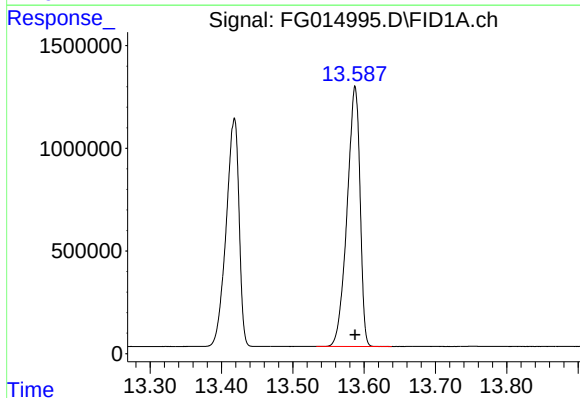
R.T.: 11.975 min
Delta R.T.: 0.000 min
Response: 17471079
Conc: 104.35 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



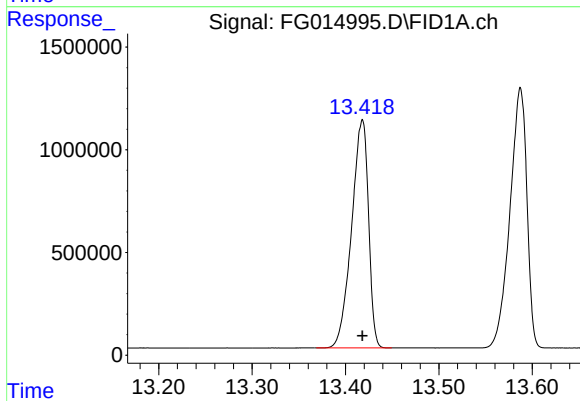
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 15985459
Conc: 103.95 ug/ml



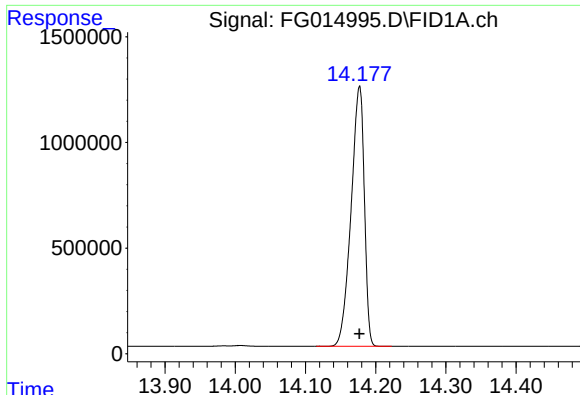
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.000 min
Response: 15959006
Conc: 103.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.000 min
Response: 13955816
Conc: 104.07 ug/ml



#13 n-Docosane (C22)

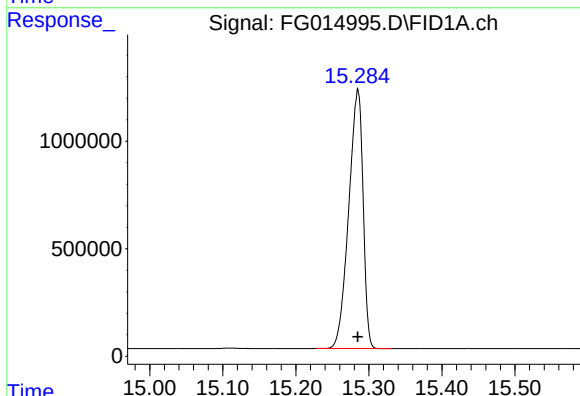
R.T.: 14.177 min
Delta R.T.: 0.000 min
Response: 16101607
Conc: 103.85 ug/ml

Instrument :

FID_G

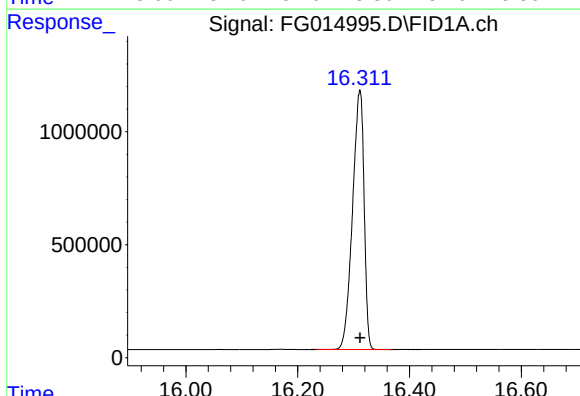
ClientSampleId :

100 PPM ALIPHATIC HC STD1



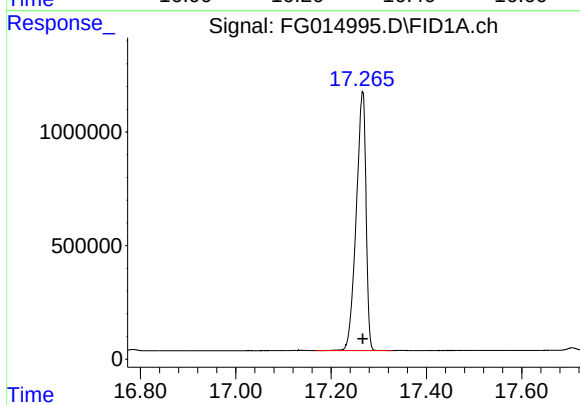
#14 n-Tetracosane (C24)

R.T.: 15.285 min
Delta R.T.: 0.000 min
Response: 16424333
Conc: 103.44 ug/ml



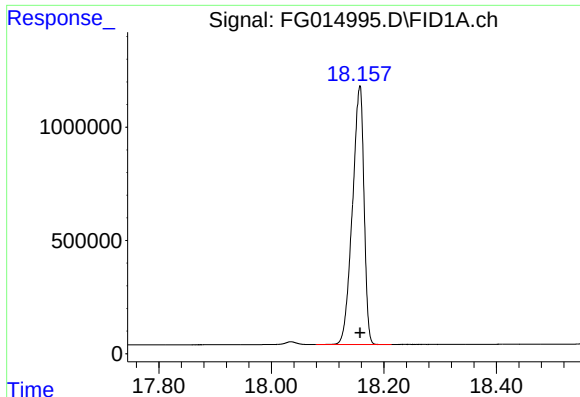
#15 n-Hexacosane (C26)

R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 16445616
Conc: 102.82 ug/ml



#16 n-Octacosane (C28)

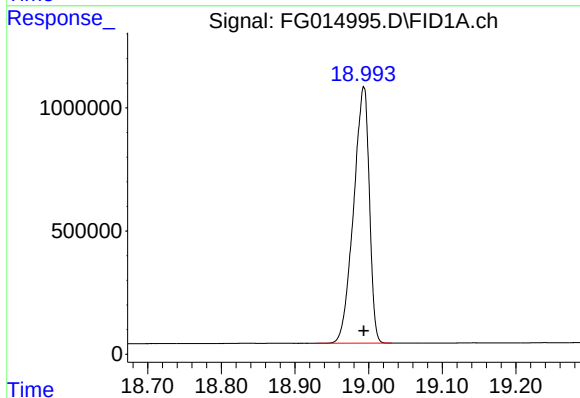
R.T.: 17.266 min
Delta R.T.: 0.000 min
Response: 16239809
Conc: 101.64 ug/ml



#17 n-Tricontane (C30)

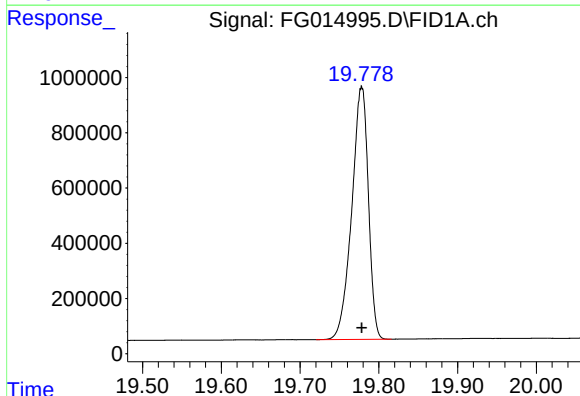
R.T.: 18.157 min
Delta R.T.: 0.000 min
Response: 16335777
Conc: 99.75 ug/ml

Instrument :
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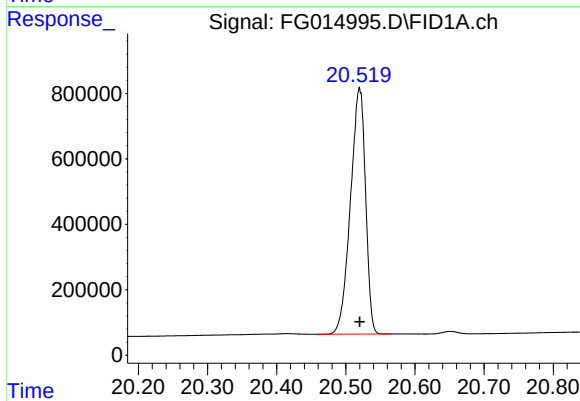
#18 n-Dotriacontane (C32)

R.T.: 18.994 min
Delta R.T.: 0.000 min
Response: 15460667
Conc: 98.66 ug/ml



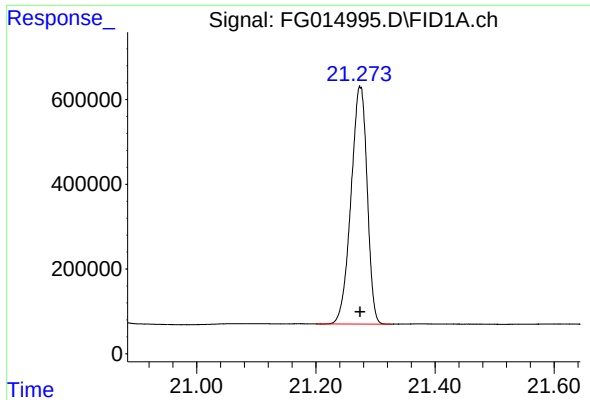
#19 n-Tetratriacontane (C34)

R.T.: 19.778 min
Delta R.T.: 0.000 min
Response: 13401505
Conc: 99.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.520 min
Delta R.T.: 0.000 min
Response: 11398146
Conc: 99.43 ug/ml



#21 n-Octatriacontane (C38)

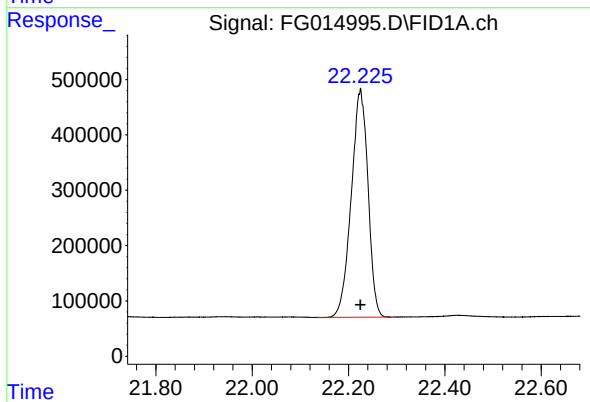
R.T.: 21.274 min
Delta R.T.: 0.000 min
Response: 10553068
Conc: 100.59 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.225 min
Delta R.T.: 0.000 min
Response: 9950611
Conc: 101.03 ug/ml