

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068252.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 16:24
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 11 02:30:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 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)	11.410	14212174	92.574 ug/ml
Spiked Amount 50.000		Recovery =	185.15%
12) S 1-chlorooctadecane (S...	12.849	10559687	93.495 ug/ml
Spiked Amount 50.000		Recovery =	186.99%
Target Compounds			
1) T n-Nonane (C9)	3.211	13034849	92.005 ug/ml
2) T n-Decane (C10)	4.270	13187244	92.433 ug/ml
3) T A~Naphthalene (C11.7)	5.838	14533716	93.918 ug/ml
4) T n-Dodecane (C12)	6.280	13108913	92.818 ug/ml
5) T A~2-methylnaphthalene...	6.891	13929436	94.987 ug/ml
6) T n-Tetradecane (C14)	8.068	12728359	93.377 ug/ml
7) T n-Hexadecane (C16)	9.664	12835513	93.490 ug/ml
8) T n-Octadecane (C18)	11.104	12748213	93.034 ug/ml
10) T n-Eicosane (C20)	12.408	12107311	92.743 ug/ml
11) T n-Heneicosane (C21)	13.019	11852411	92.734 ug/ml
13) T n-Docosane (C22)	13.604	11728617	92.902 ug/ml
14) T n-Tetracosane (C24)	14.704	11568914	92.905 ug/ml
15) T n-Hexacosane (C26)	15.723	11302843	92.721 ug/ml
16) T n-Octacosane (C28)	16.671	10993221	92.322 ug/ml
17) T n-Tricontane (C30)	17.556	11027160	91.890 ug/ml
18) T n-Dotriacontane (C32)	18.388	10599289	91.711 ug/ml
19) T n-Tetratriacontane (C34)	19.170	9898762	91.900 ug/ml
20) T n-Hexatriacontane (C36)	19.908	8865949	92.289 ug/ml
21) T n-Octatriacontane (C38)	20.619	8293679	91.939 ug/ml
22) T n-Tetracontane (C40)	21.474	8052023	92.913 ug/ml

(f)=RT Delta > 1/2 Window

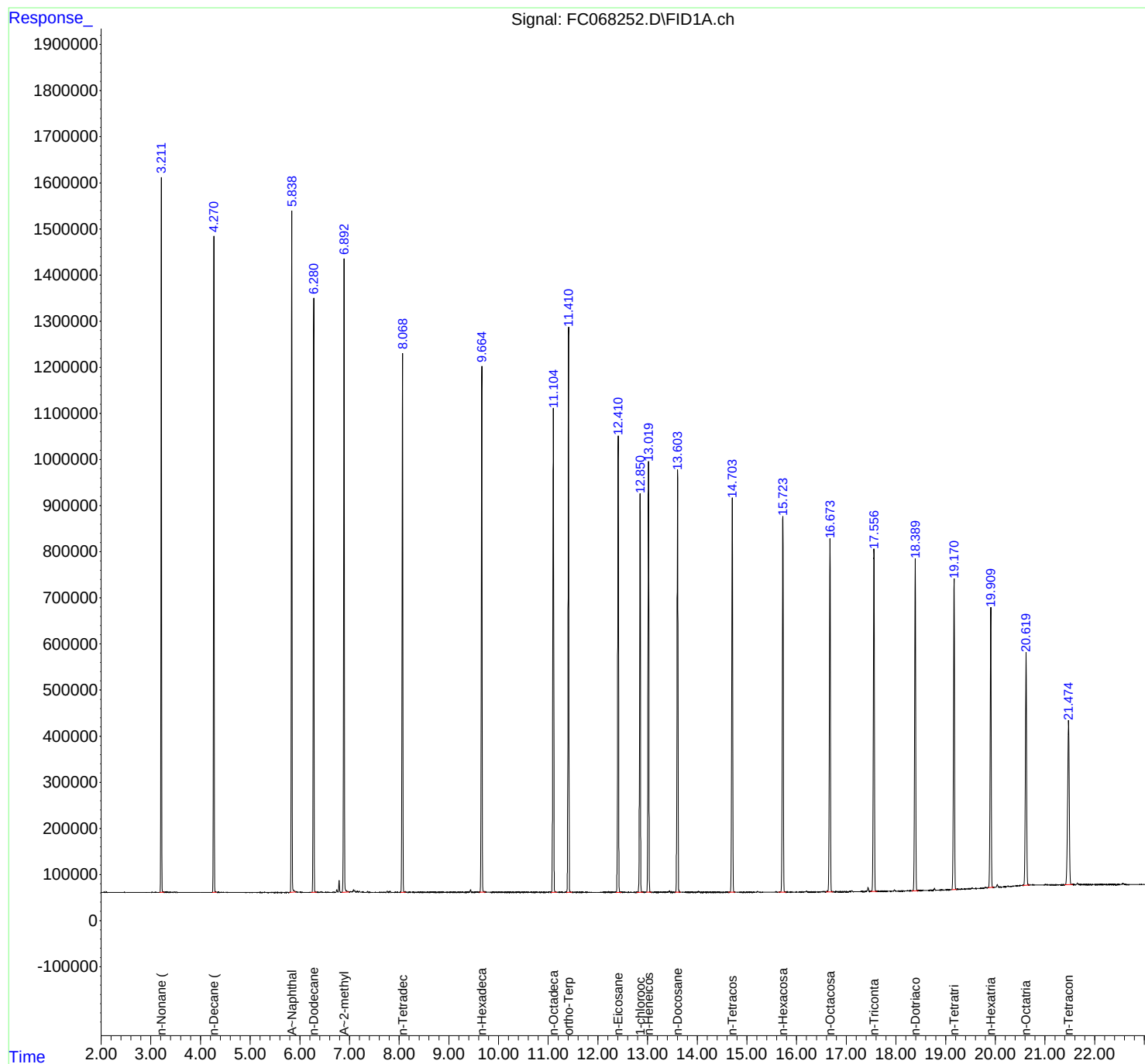
(m)=manual int.

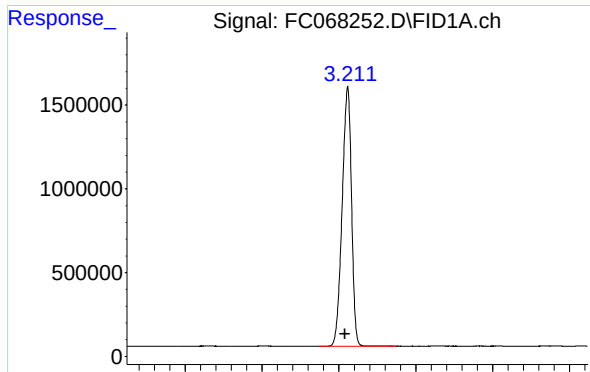
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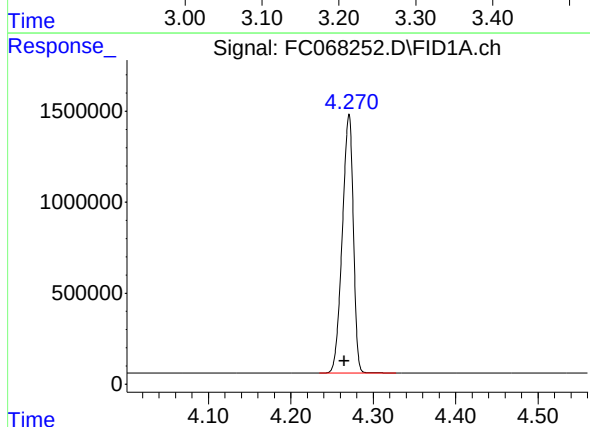




#1 n-Nonane (C9)

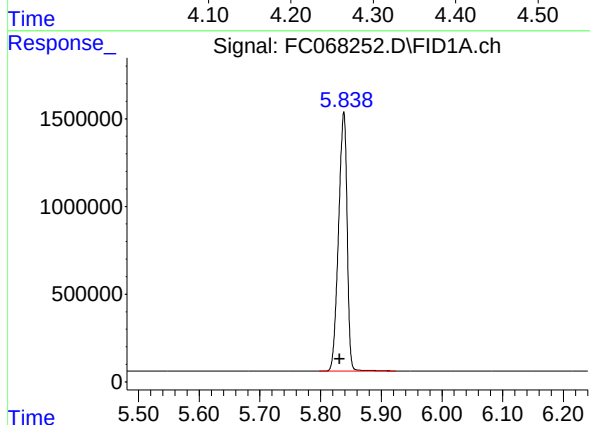
R.T.: 3.211 min
Delta R.T.: 0.003 min
Response: 13034849
Conc: 92.01 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



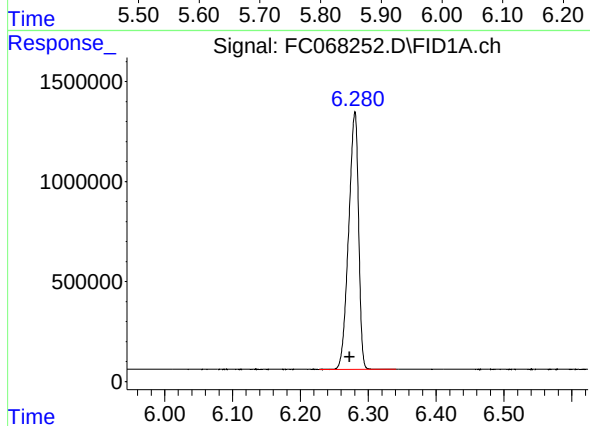
#2 n-Decane (C10)

R.T.: 4.270 min
Delta R.T.: 0.005 min
Response: 13187244
Conc: 92.43 ug/ml



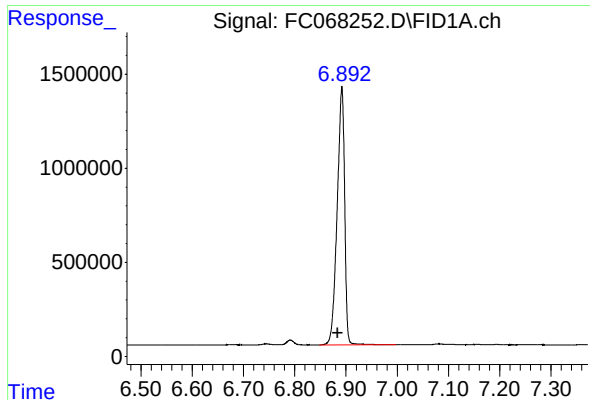
#3 A~Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: 0.006 min
Response: 14533716
Conc: 93.92 ug/ml



#4 n-Dodecane (C12)

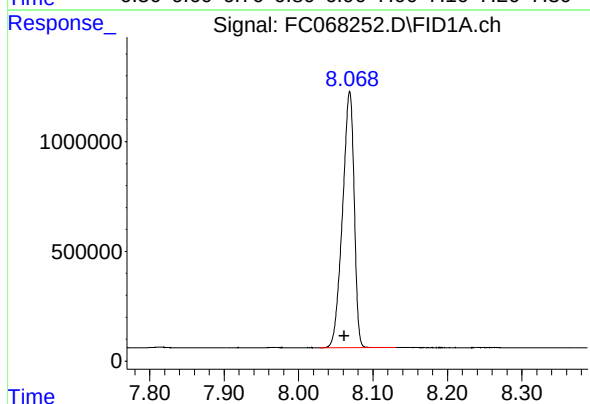
R.T.: 6.280 min
Delta R.T.: 0.007 min
Response: 13108913
Conc: 92.82 ug/ml



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

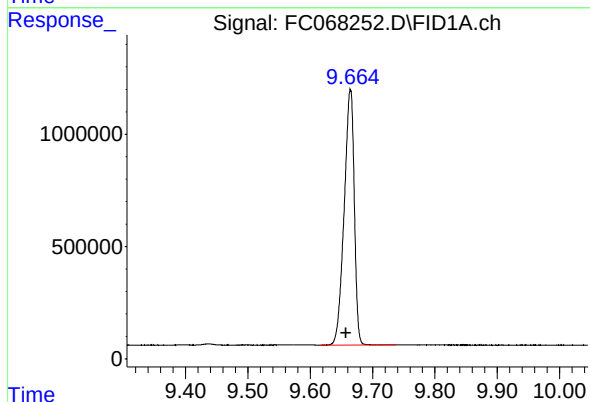
R.T.: 6.891 min
Delta R.T.: 0.007 min
Response: 13929436
Conc: 94.99 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



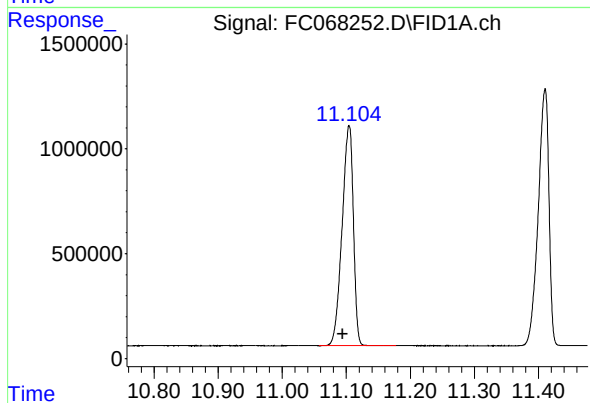
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: 0.007 min
Response: 12728359
Conc: 93.38 ug/ml



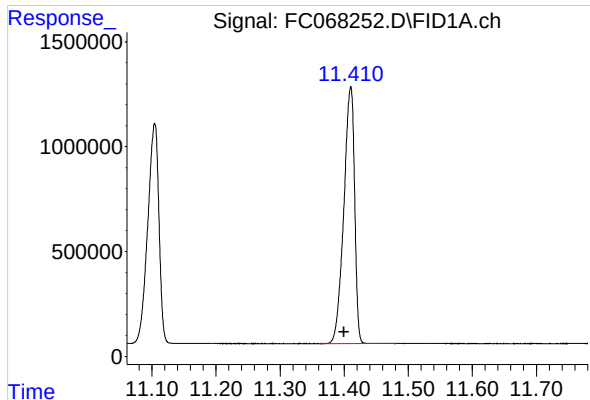
#7 n-Hexadecane (C16)

R.T.: 9.664 min
Delta R.T.: 0.007 min
Response: 12835513
Conc: 93.49 ug/ml



#8 n-Octadecane (C18)

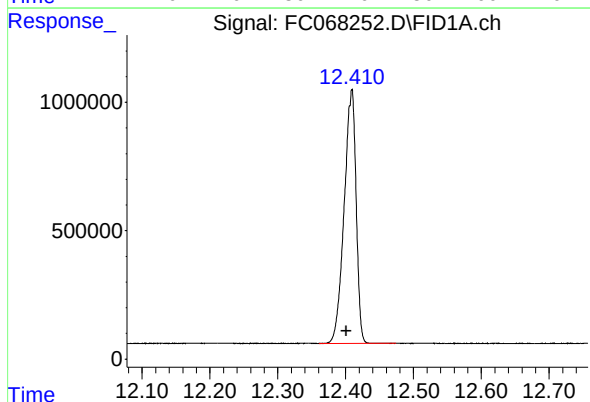
R.T.: 11.104 min
Delta R.T.: 0.009 min
Response: 12748213
Conc: 93.03 ug/ml



#9 ortho-Terphenyl (SURR)

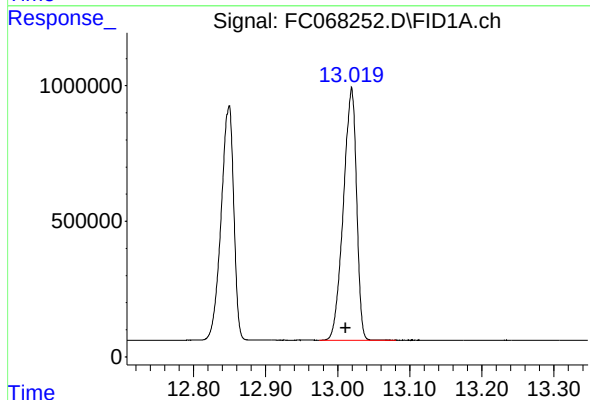
R.T.: 11.410 min
Delta R.T.: 0.010 min
Response: 14212174
Conc: 92.57 ug/ml

Instrument :
FID_C
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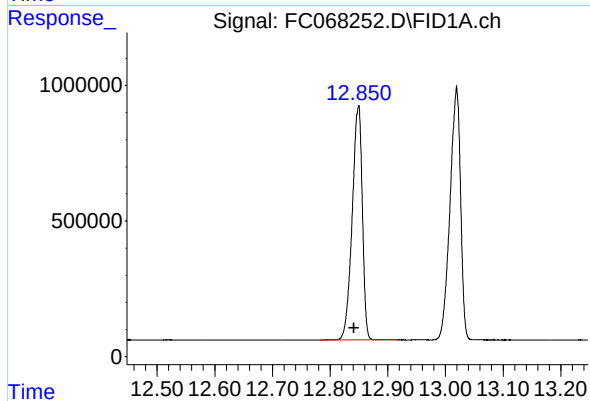
#10 n-Eicosane (C20)

R.T.: 12.408 min
Delta R.T.: 0.007 min
Response: 12107311
Conc: 92.74 ug/ml



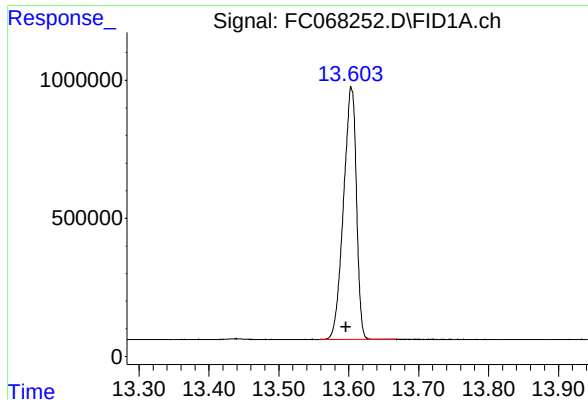
#11 n-Heneicosane (C21)

R.T.: 13.019 min
Delta R.T.: 0.008 min
Response: 11852411
Conc: 92.73 ug/ml



#12 1-chlorooctadecane (SURR)

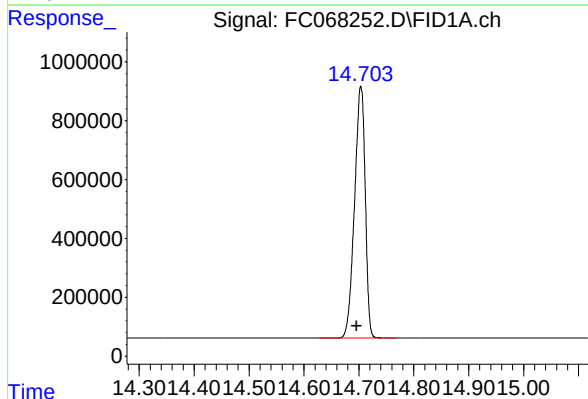
R.T.: 12.849 min
Delta R.T.: 0.007 min
Response: 10559687
Conc: 93.50 ug/ml



#13 n-Docosane (C22)

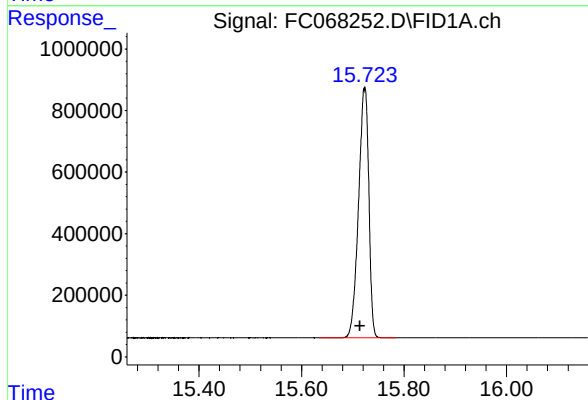
R.T.: 13.604 min
Delta R.T.: 0.008 min
Response: 11728617
Conc: 92.90 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



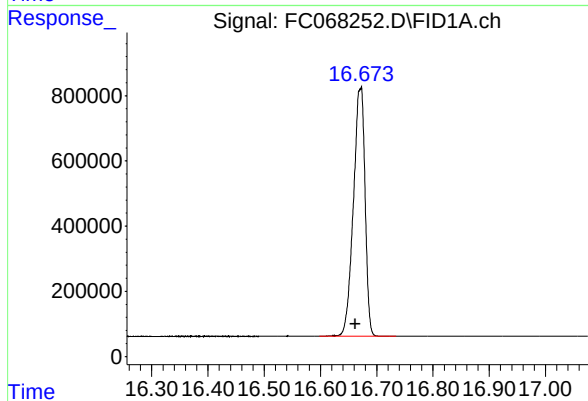
#14 n-Tetracosane (C24)

R.T.: 14.704 min
Delta R.T.: 0.008 min
Response: 11568914
Conc: 92.91 ug/ml



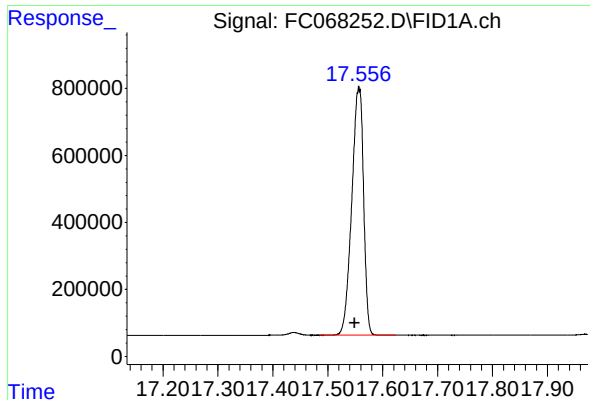
#15 n-Hexacosane (C26)

R.T.: 15.723 min
Delta R.T.: 0.009 min
Response: 11302843
Conc: 92.72 ug/ml



#16 n-Octacosane (C28)

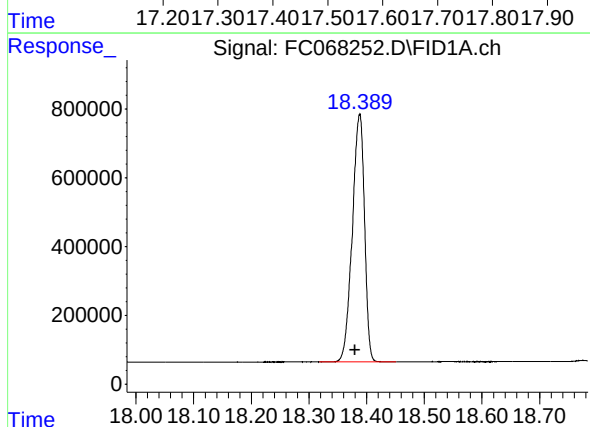
R.T.: 16.671 min
Delta R.T.: 0.009 min
Response: 10993221
Conc: 92.32 ug/ml



#17 n-Tricontane (C30)

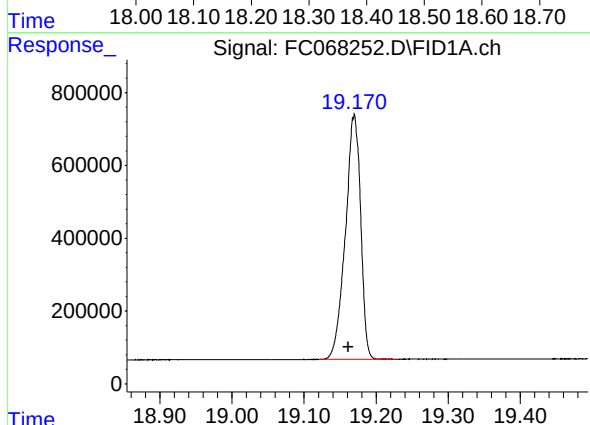
R.T.: 17.556 min
Delta R.T.: 0.007 min
Response: 11027160
Conc: 91.89 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



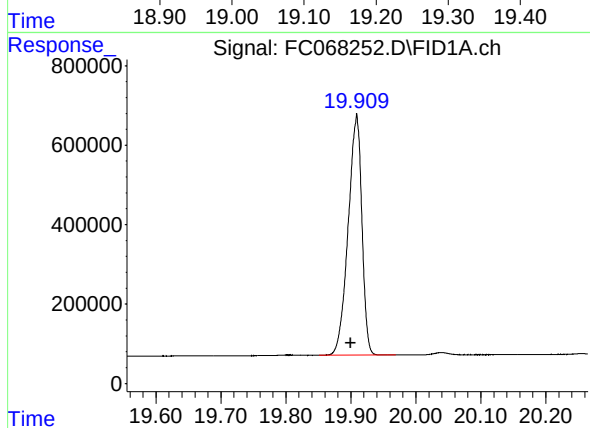
#18 n-Dotriacontane (C32)

R.T.: 18.388 min
Delta R.T.: 0.008 min
Response: 10599289
Conc: 91.71 ug/ml



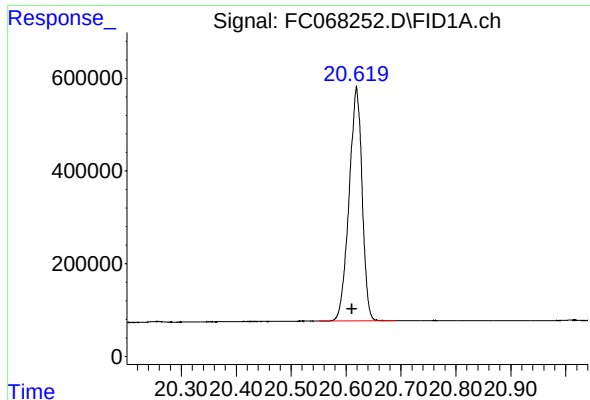
#19 n-Tetratriacontane (C34)

R.T.: 19.170 min
Delta R.T.: 0.008 min
Response: 9898762
Conc: 91.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: 0.008 min
Response: 8865949
Conc: 92.29 ug/ml



#21 n-Octatriacontane (C38)

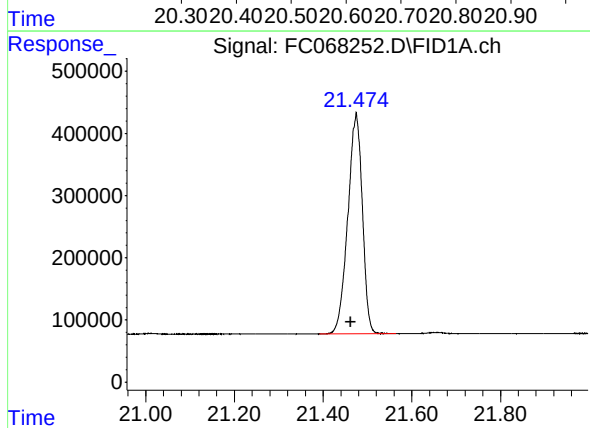
R.T.: 20.619 min
Delta R.T.: 0.008 min
Response: 8293679
Conc: 91.94 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: 0.012 min
Response: 8052023
Conc: 92.91 ug/ml