

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
 Data File : FG016071.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 14:05
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 16 06:40:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:39:56 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)	12.102	12319256	98.060 ug/ml
Spiked Amount 50.000		Recovery =	196.12%
12) S 1-chlorooctadecane (S...	13.541	9625924	98.129 ug/ml
Spiked Amount 50.000		Recovery =	196.26%
Target Compounds			
1) T n-Nonane (C9)	3.424	10265834	97.267 ug/ml
2) T n-Decane (C10)	4.684	10421015	97.345 ug/ml
3) T A~Naphthalene (C11.7)	6.401	11351238	97.258 ug/ml
4) T n-Dodecane (C12)	6.863	10500262	97.805 ug/ml
5) T A~2-methylnaphthalene...	7.504	11069941	97.522 ug/ml
6) T n-Tetradecane (C14)	8.702	10460547	97.915 ug/ml
7) T n-Hexadecane (C16)	10.321	10887397	98.243 ug/ml
8) T n-Octadecane (C18)	11.776	11131441	98.379 ug/ml
10) T n-Eicosane (C20)	13.093	10887120	98.345 ug/ml
11) T n-Heneicosane (C21)	13.709	10809123	98.180 ug/ml
13) T n-Docosane (C22)	14.299	10847807	98.085 ug/ml
14) T n-Tetracosane (C24)	15.408	10956206	97.496 ug/ml
15) T n-Hexacosane (C26)	16.436	10874105	96.775 ug/ml
16) T n-Octacosane (C28)	17.391	10660437	96.159 ug/ml
17) T n-Tricontane (C30)	18.282	10619759	94.655 ug/ml
18) T n-Dotriacontane (C32)	19.119	10002723	93.329 ug/ml
19) T n-Tetratriacontane (C34)	19.905	9047304	92.873 ug/ml
20) T n-Hexatriacontane (C36)	20.646	7775206	92.817 ug/ml
21) T n-Octatriacontane (C38)	21.437	6940056	93.207 ug/ml
22) T n-Tetracontane (C40)	22.443	6437601	94.181 ug/ml

(f)=RT Delta > 1/2 Window

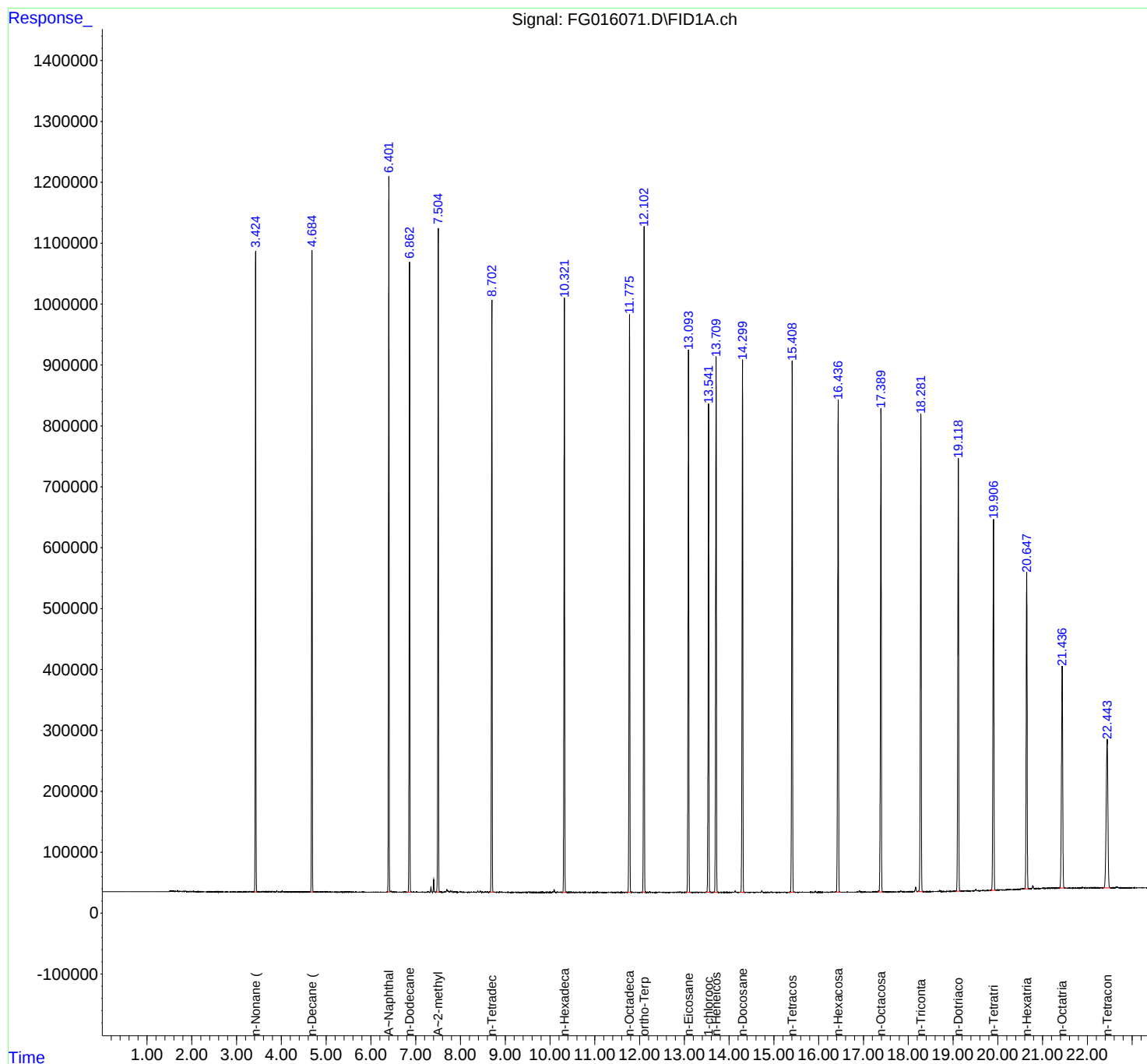
(m)=manual int.

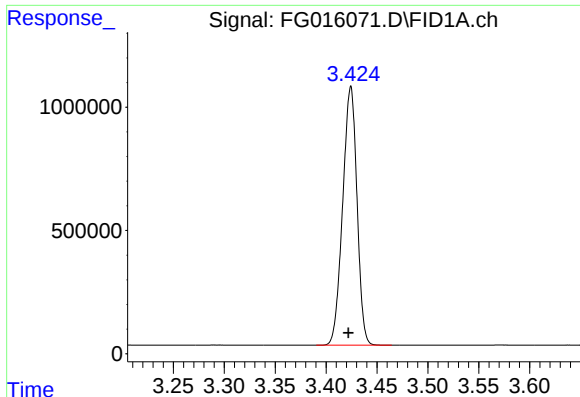
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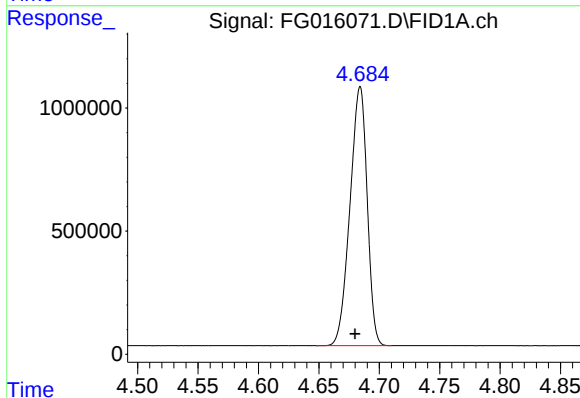




#1 n-Nonane (C9)

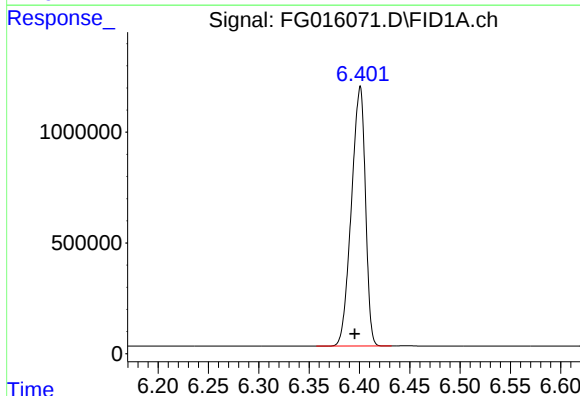
R.T.: 3.424 min
Delta R.T.: 0.002 min
Response: 10265834
Conc: 97.27 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



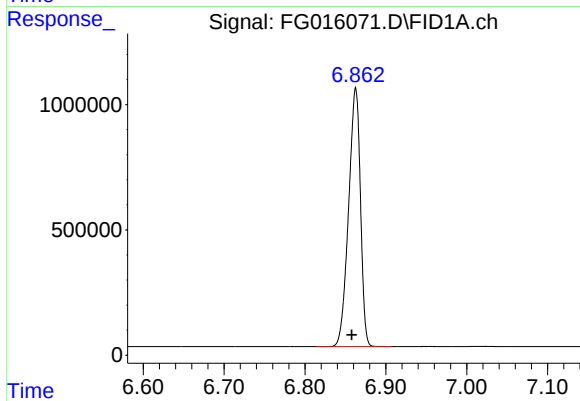
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 10421015
Conc: 97.34 ug/ml



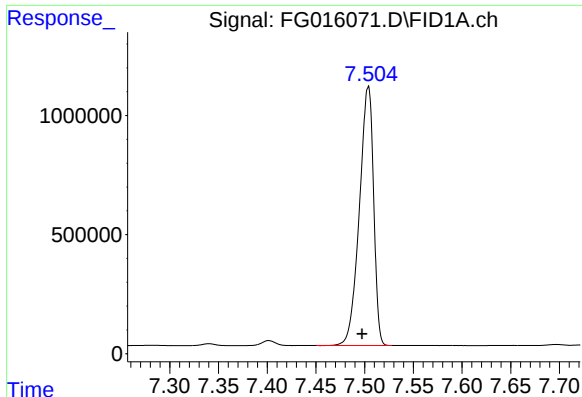
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.005 min
Response: 11351238
Conc: 97.26 ug/ml



#4 n-Dodecane (C12)

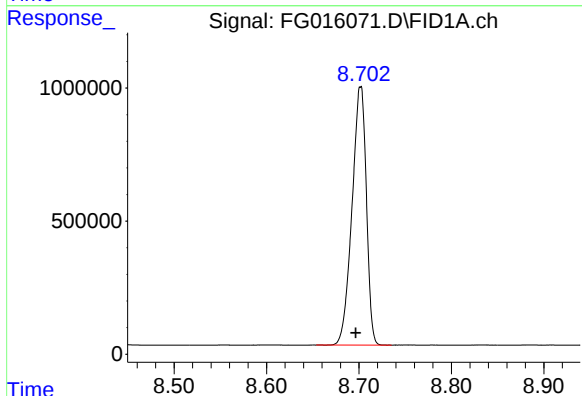
R.T.: 6.863 min
Delta R.T.: 0.005 min
Response: 10500262
Conc: 97.80 ug/ml



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

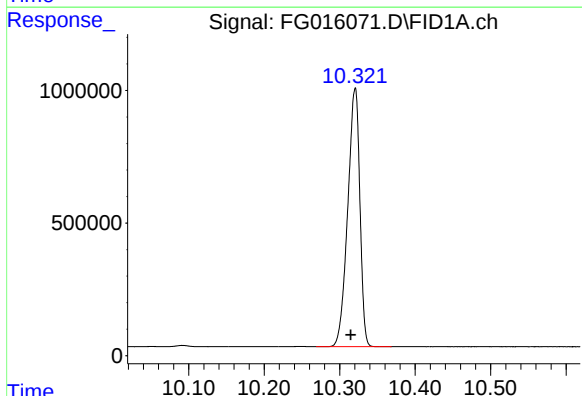
R.T.: 7.504 min
Delta R.T.: 0.006 min
Response: 11069941
Conc: 97.52 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



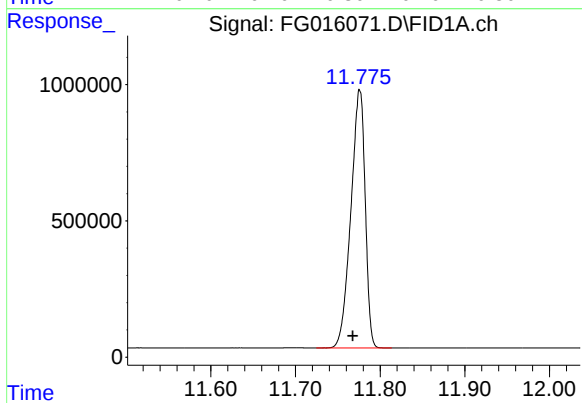
#6 n-Tetradecane (C14)

R.T.: 8.702 min
Delta R.T.: 0.005 min
Response: 10460547
Conc: 97.92 ug/ml



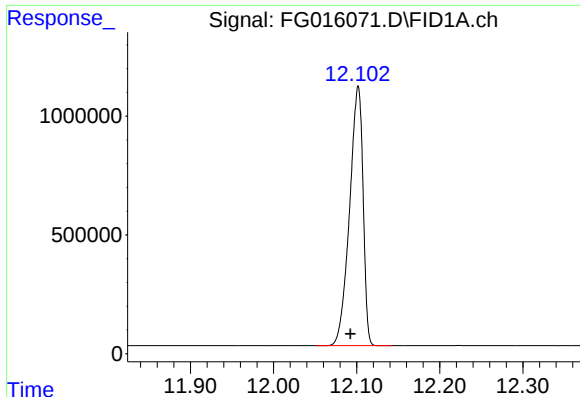
#7 n-Hexadecane (C16)

R.T.: 10.321 min
Delta R.T.: 0.006 min
Response: 10887397
Conc: 98.24 ug/ml



#8 n-Octadecane (C18)

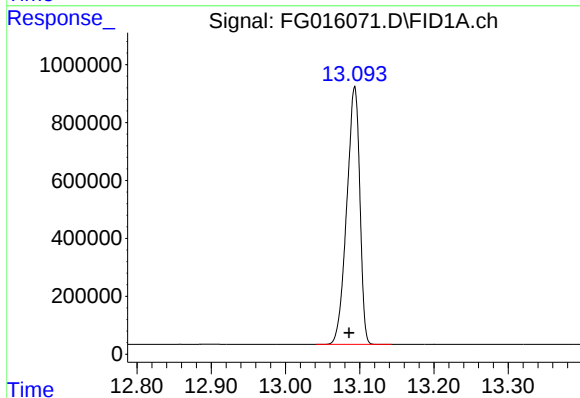
R.T.: 11.776 min
Delta R.T.: 0.009 min
Response: 11131441
Conc: 98.38 ug/ml



#9 ortho-Terphenyl (SURR)

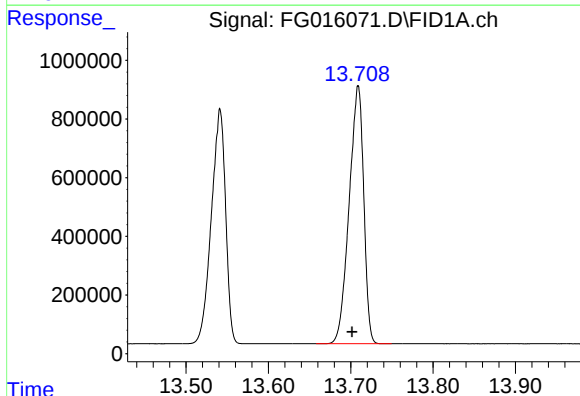
R.T.: 12.102 min
Delta R.T.: 0.009 min
Response: 12319256
Conc: 98.06 ug/ml

Instrument :
FID_G
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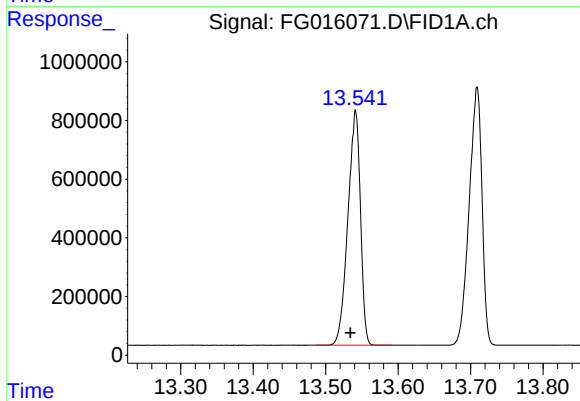
#10 n-Eicosane (C20)

R.T.: 13.093 min
Delta R.T.: 0.008 min
Response: 10887120
Conc: 98.35 ug/ml



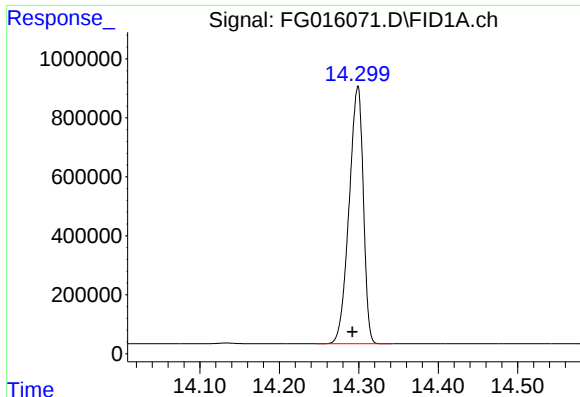
#11 n-Heneicosane (C21)

R.T.: 13.709 min
Delta R.T.: 0.008 min
Response: 10809123
Conc: 98.18 ug/ml



#12 1-chlorooctadecane (SURR)

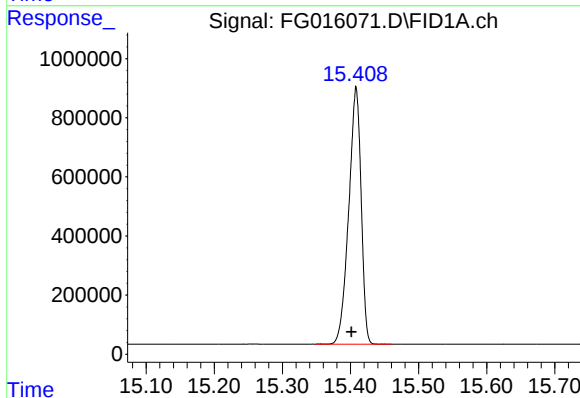
R.T.: 13.541 min
Delta R.T.: 0.007 min
Response: 9625924
Conc: 98.13 ug/ml



#13 n-Docosane (C22)

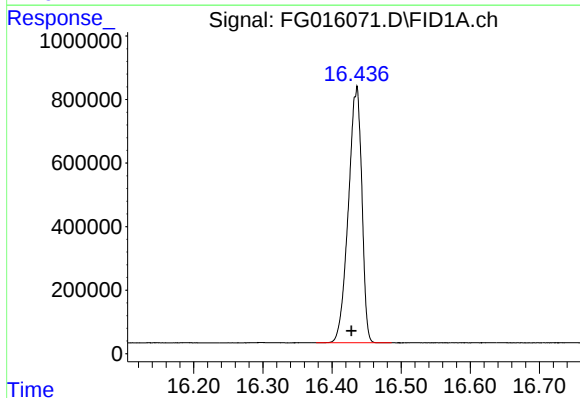
R.T.: 14.299 min
Delta R.T.: 0.007 min
Response: 10847807
Conc: 98.09 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



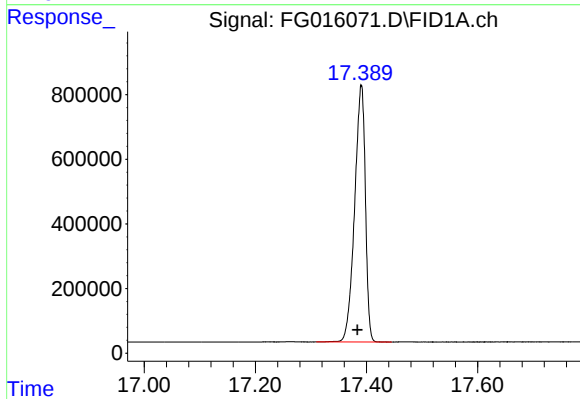
#14 n-Tetracosane (C24)

R.T.: 15.408 min
Delta R.T.: 0.007 min
Response: 10956206
Conc: 97.50 ug/ml



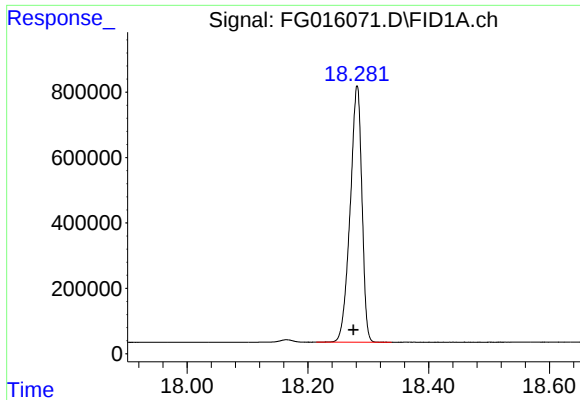
#15 n-Hexacosane (C26)

R.T.: 16.436 min
Delta R.T.: 0.008 min
Response: 10874105
Conc: 96.78 ug/ml



#16 n-Octacosane (C28)

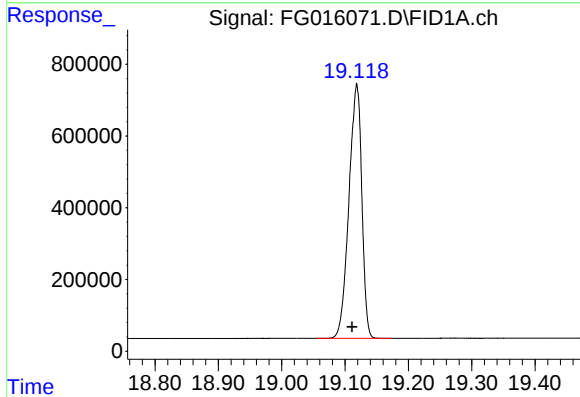
R.T.: 17.391 min
Delta R.T.: 0.007 min
Response: 10660437
Conc: 96.16 ug/ml



#17 n-Tricontane (C30)

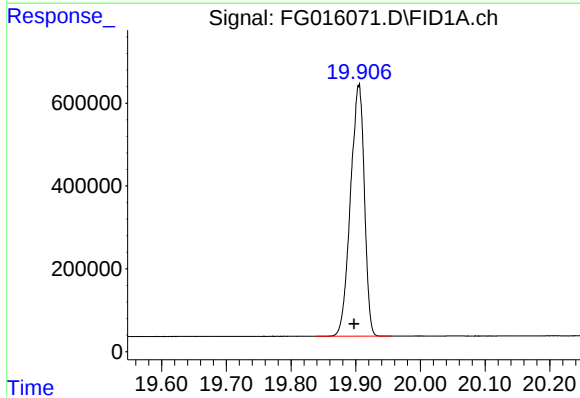
R.T.: 18.282 min
Delta R.T.: 0.007 min
Response: 10619759
Conc: 94.65 ug/ml

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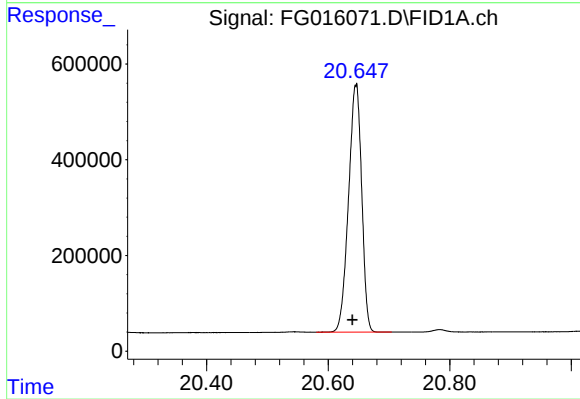
#18 n-Dotriacontane (C32)

R.T.: 19.119 min
Delta R.T.: 0.008 min
Response: 10002723
Conc: 93.33 ug/ml



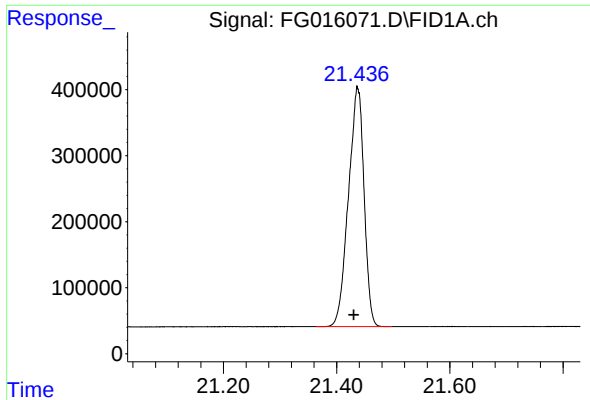
#19 n-Tetratriacontane (C34)

R.T.: 19.905 min
Delta R.T.: 0.007 min
Response: 9047304
Conc: 92.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.646 min
Delta R.T.: 0.006 min
Response: 7775206
Conc: 92.82 ug/ml



#21 n-Octatriacontane (C38)

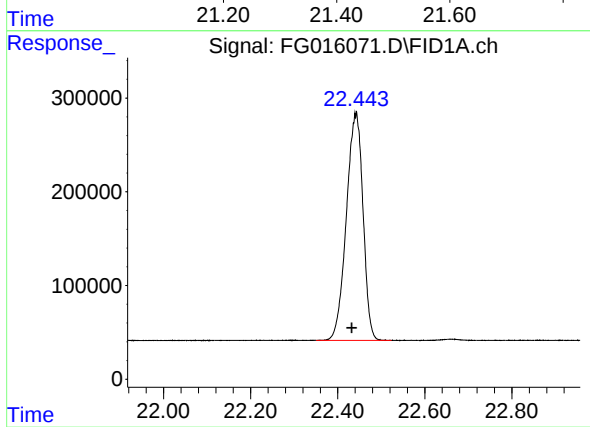
R.T.: 21.437 min
Delta R.T.: 0.007 min
Response: 6940056
Conc: 93.21 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.443 min
Delta R.T.: 0.011 min
Response: 6437601
Conc: 94.18 ug/ml