

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

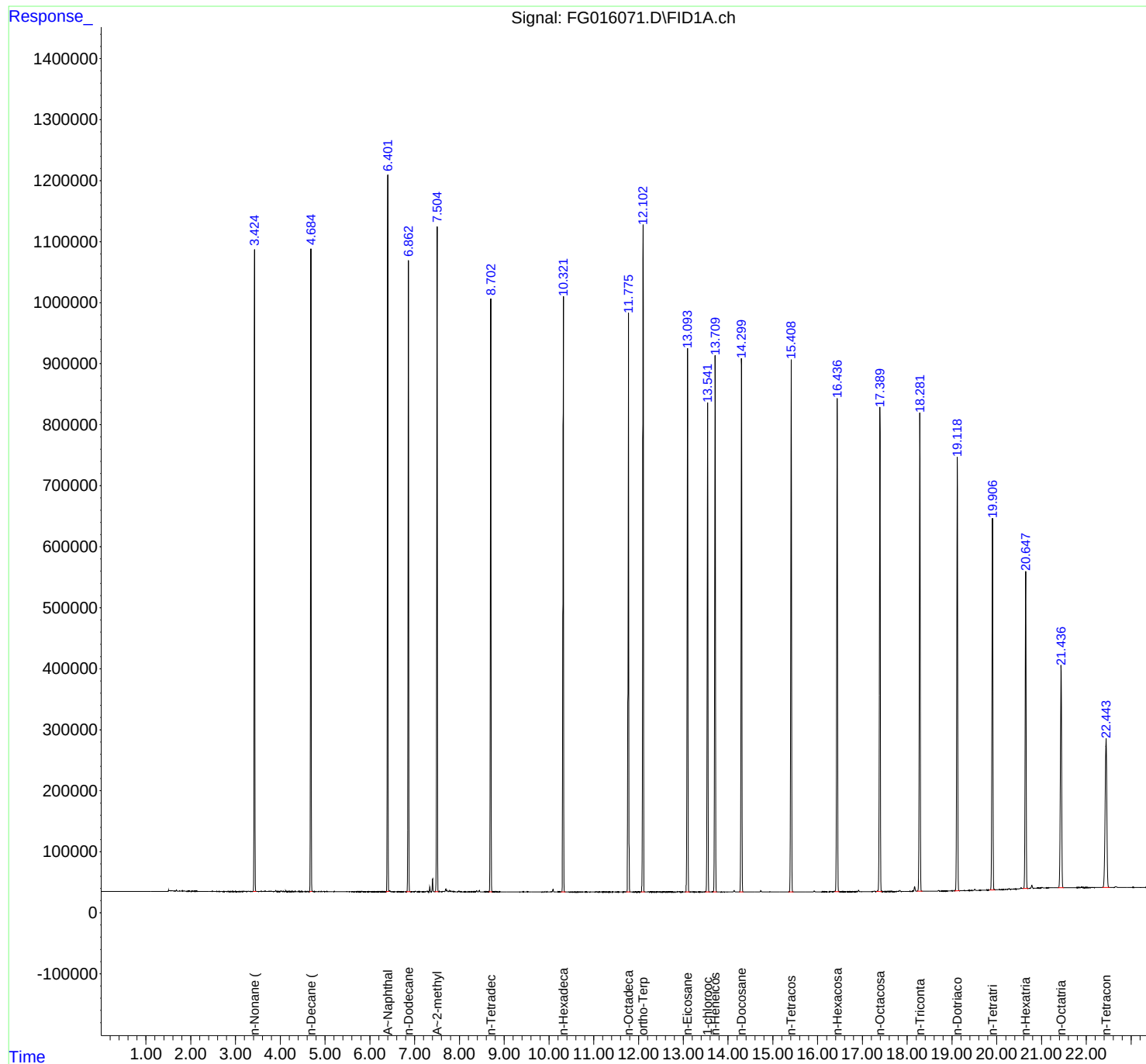
(m)=manual int.

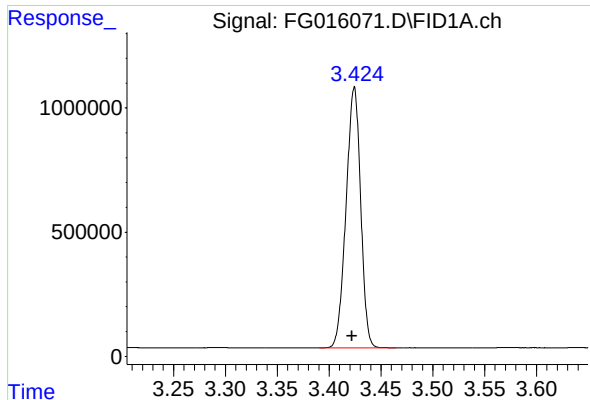
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG061325AL\  
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Volume Inj. : 1 ul  
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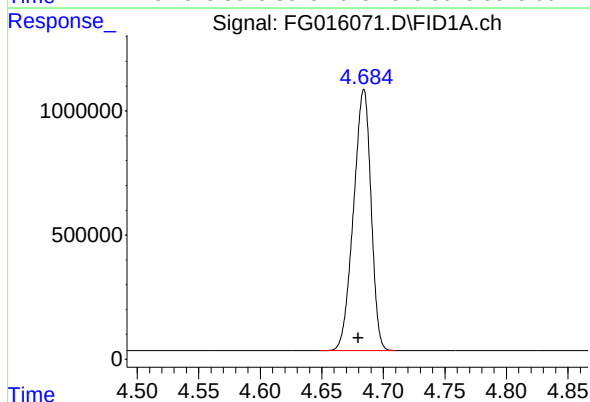




#1 n-Nonane (C9)

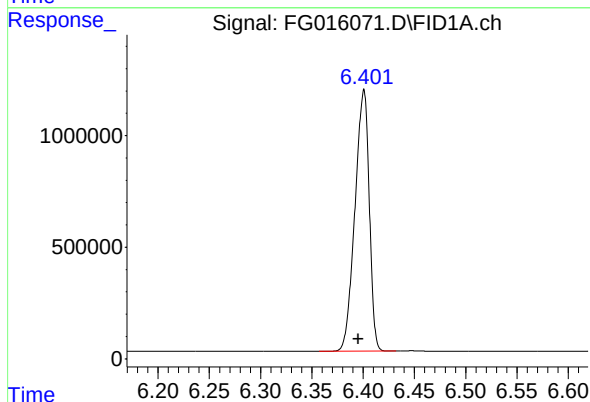
R.T.: 3.424 min  
Delta R.T.: 0.002 min  
Response: 10265834  
Conc: 97.27 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



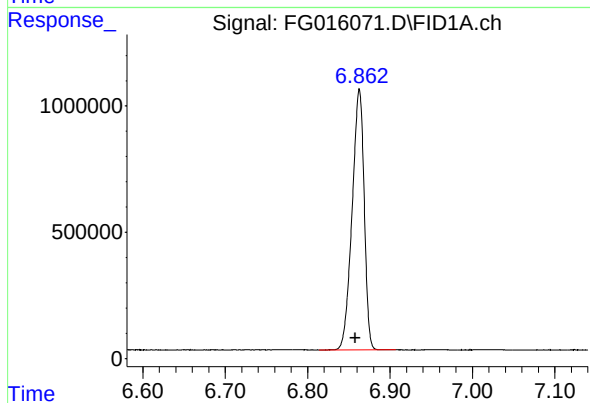
#2 n-Decane (C10)

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



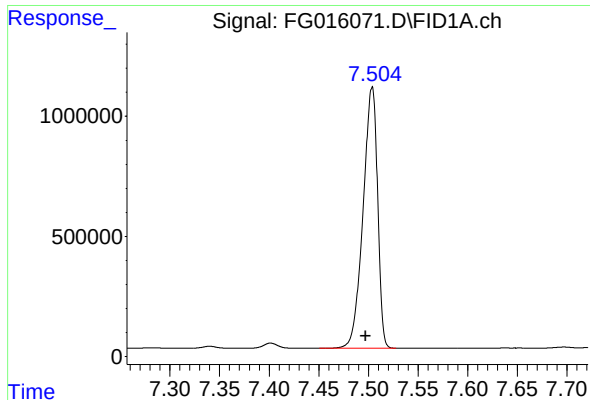
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

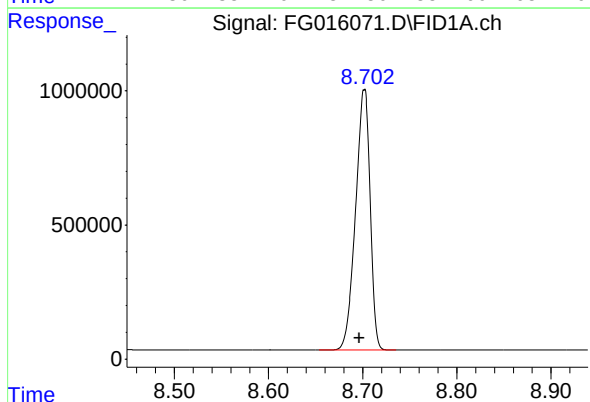
R.T.: 6.863 min  
Delta R.T.: 0.005 min  
Response: 10500262  
Conc: 97.80 ug/ml



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

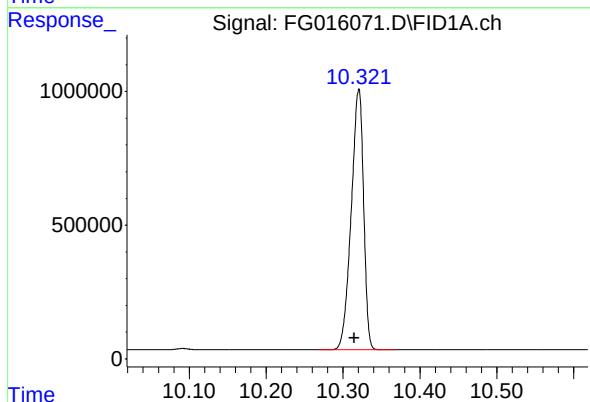
R.T.: 7.504 min  
Delta R.T.: 0.006 min  
Response: 11069941  
Conc: 97.52 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



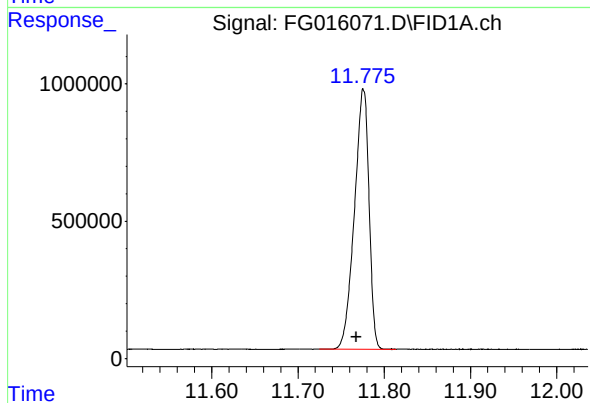
#6 n-Tetradecane (C14)

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



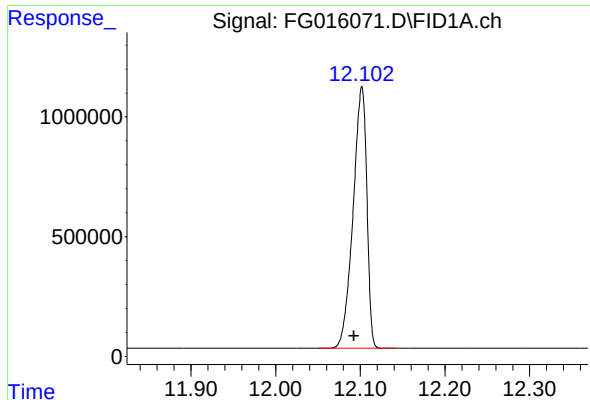
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

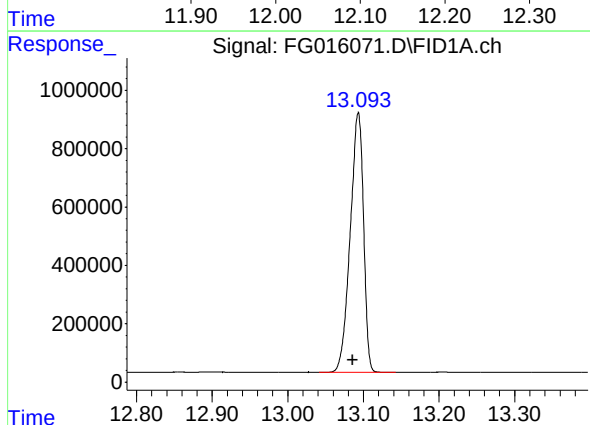
R.T.: 11.776 min  
Delta R.T.: 0.009 min  
Response: 11131441  
Conc: 98.38 ug/ml



#9 ortho-Terphenyl (SURR)

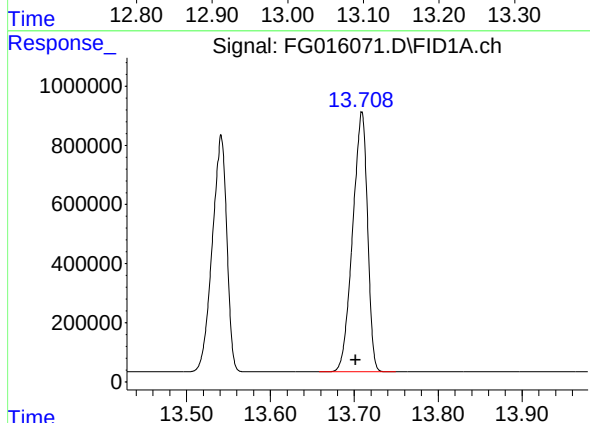
R.T.: 12.102 min  
Delta R.T.: 0.009 min  
Response: 12319256  
Conc: 98.06 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



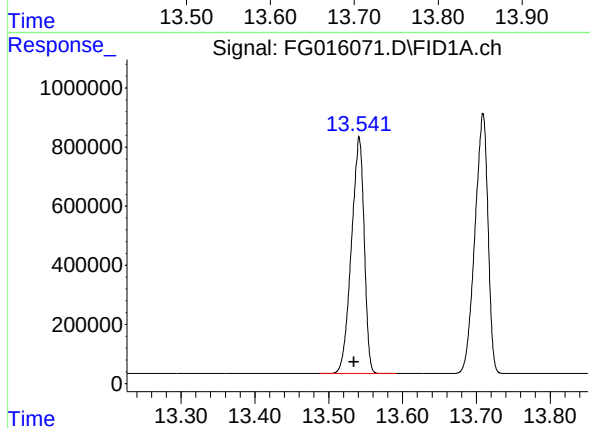
#10 n-Eicosane (C20)

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



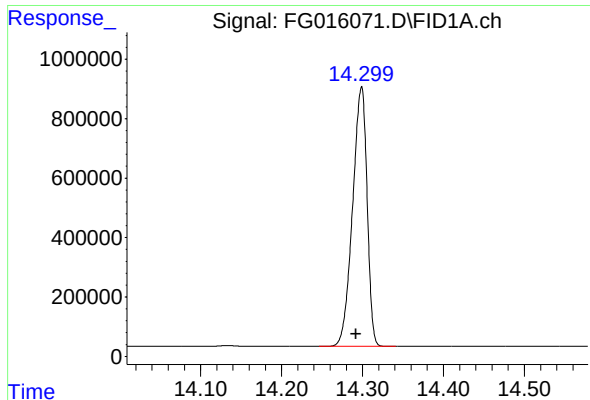
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

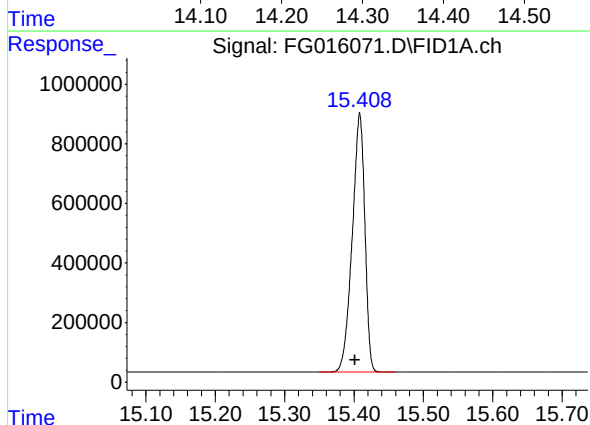
R.T.: 13.541 min  
Delta R.T.: 0.007 min  
Response: 9625924  
Conc: 98.13 ug/ml



#13 n-Docosane (C22)

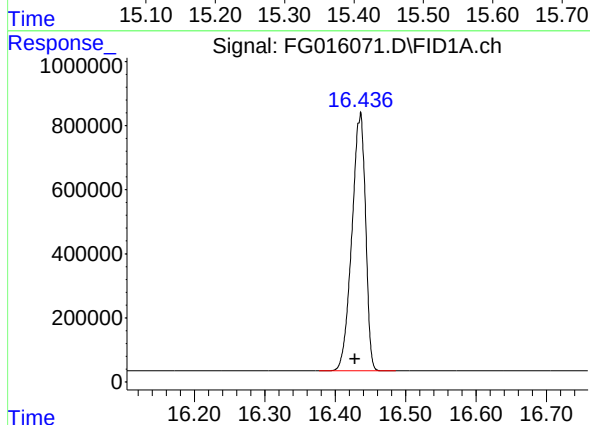
R.T.: 14.299 min  
Delta R.T.: 0.007 min  
Response: 10847807  
Conc: 98.09 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
100 PPM ALIPHATIC HC STD1



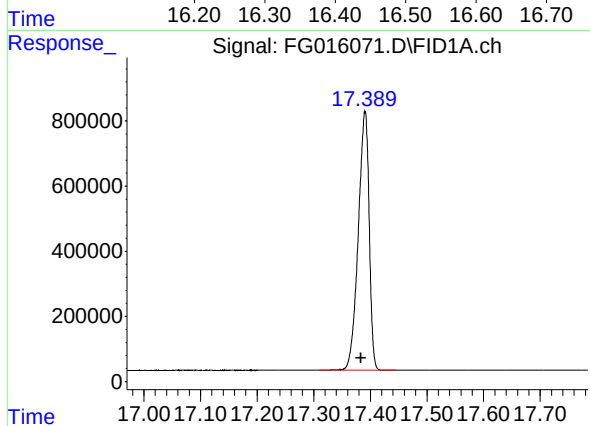
#14 n-Tetracosane (C24)

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



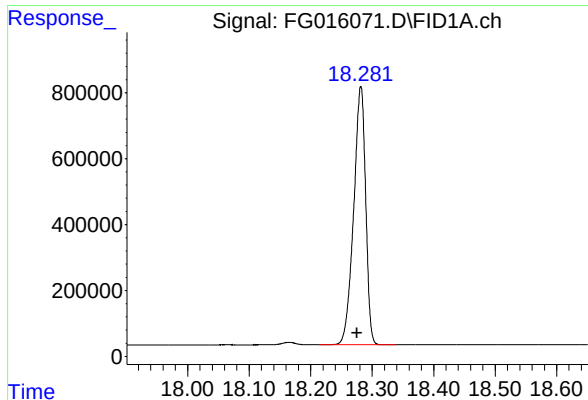
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

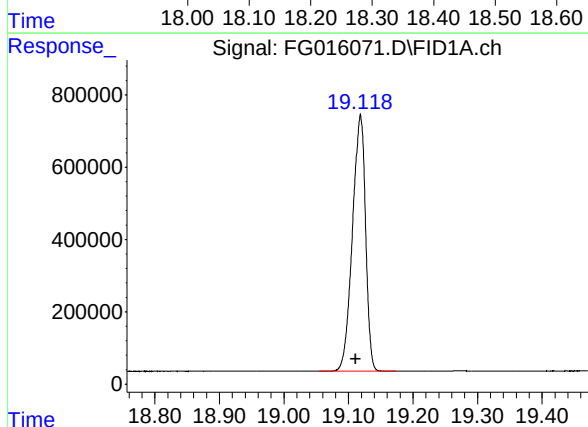
R.T.: 17.391 min  
Delta R.T.: 0.007 min  
Response: 10660437  
Conc: 96.16 ug/ml



#17 n-Tricontane (C30)

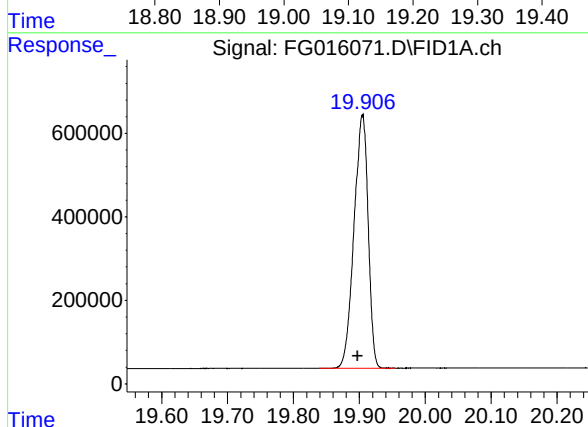
R.T.: 18.282 min  
Delta R.T.: 0.007 min  
Response: 10619759  
Conc: 94.65 ug/ml

Instrument :  
FID\_G  
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100 PPM ALIPHATIC HC STD1



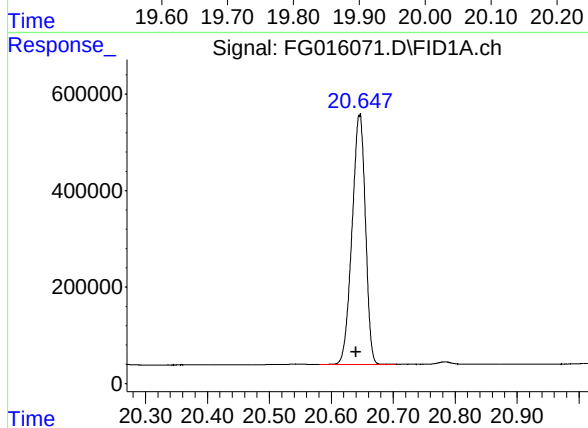
#18 n-Dotriacontane (C32)

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



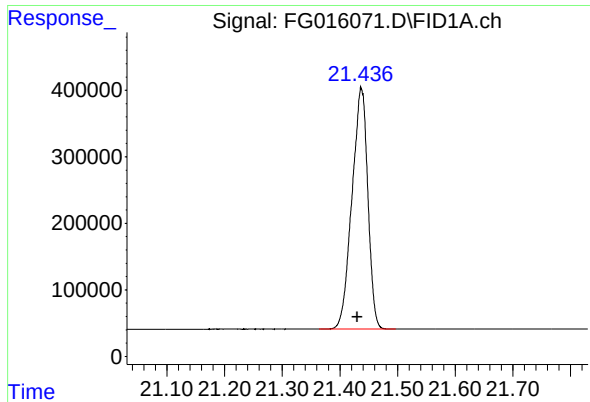
#19 n-Tetatriacontane (C34)

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)

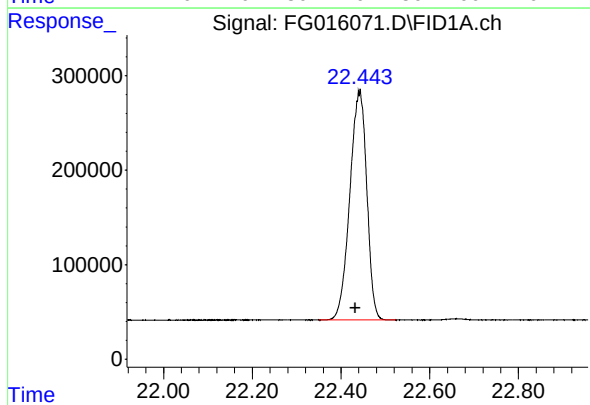
R.T.: 21.437 min  
Delta R.T.: 0.007 min  
Response: 6940056  
Conc: 93.21 ug/ml

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