

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071725AL\  
 Data File : FC069485.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Jul 2025 13:20  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Jul 18 00:07:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071525.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 15 12:35:59 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)    | 11.668 | 2732239    | 18.411 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.82%       |
| 12) S 1-chlorooctadecane (S... | 13.104 | 2050933    | 18.148 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.30%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.400  | 2543174    | 18.689 ug/ml |
| 2) T n-Decane (C10)            | 4.473  | 2610038    | 18.753 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.068  | 2831588    | 18.739 ug/ml |
| 4) T n-Dodecane (C12)          | 6.499  | 2635466    | 18.594 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.127  | 2715156    | 18.585 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.298  | 2614583    | 18.389 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.902  | 2643611    | 18.112 ug/ml |
| 8) T n-Octadecane (C18)        | 11.346 | 2597973    | 18.061 ug/ml |
| 10) T n-Eicosane (C20)         | 12.658 | 2426560    | 18.075 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.271 | 2349908    | 18.091 ug/ml |
| 13) T n-Docosane (C22)         | 13.858 | 2299817    | 18.107 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.963 | 2221965    | 18.205 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.985 | 2110988    | 18.170 ug/ml |
| 16) T n-Octacosane (C28)       | 16.936 | 2013566    | 18.187 ug/ml |
| 17) T n-Tricontane (C30)       | 17.825 | 1977812    | 18.062 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.660 | 1885253    | 18.168 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.442 | 1729346    | 18.353 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.184 | 1522636    | 18.434 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.950 | 1410180    | 18.566 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.912 | 1353944    | 18.484 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

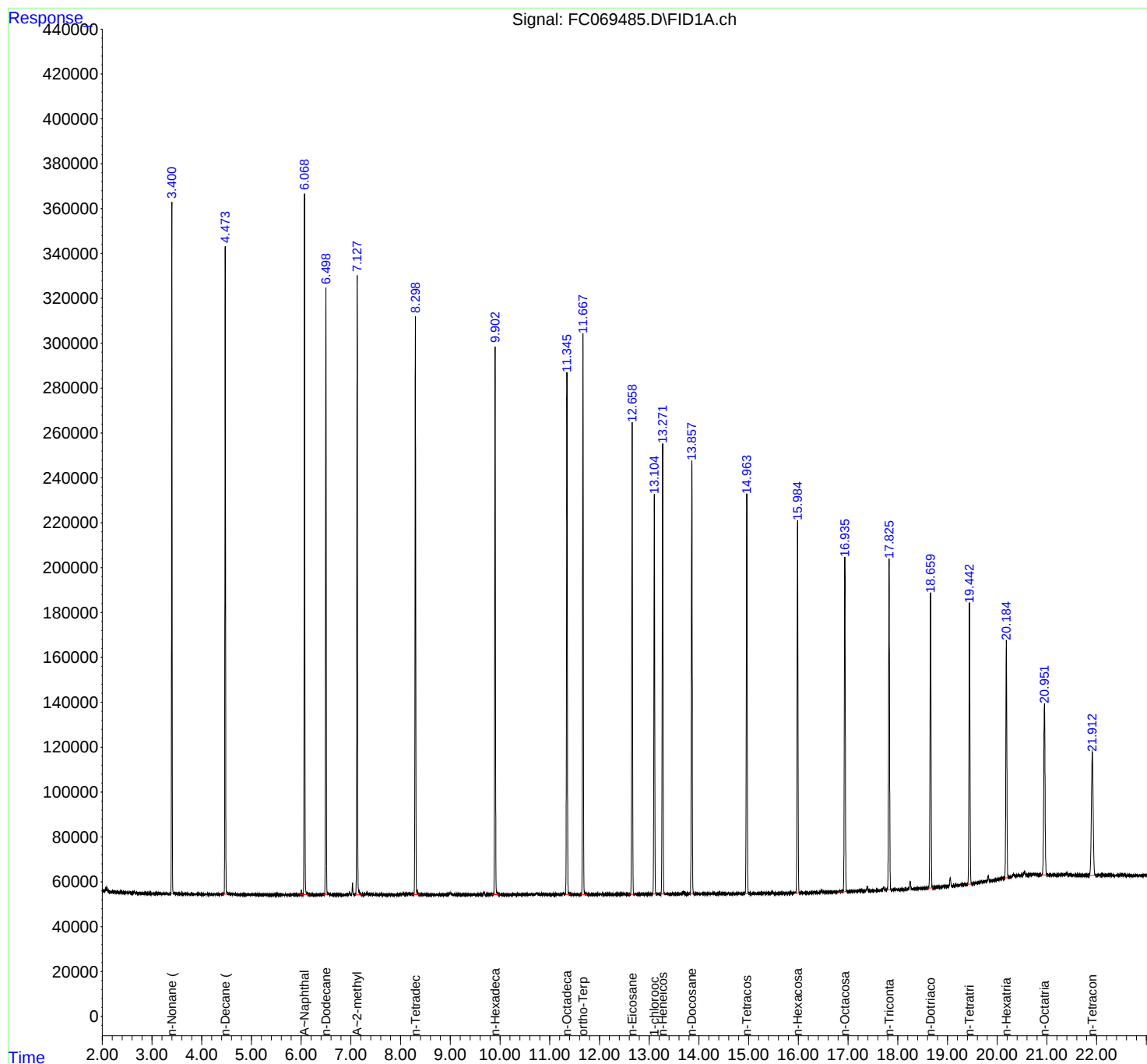
(m)=manual int.

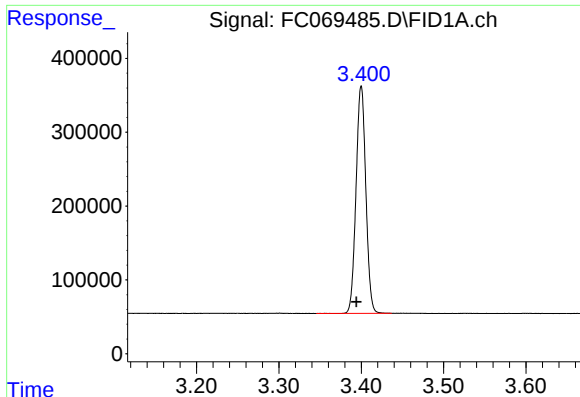
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071725AL\  
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Signal(s) : FID1A.ch  
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Operator : YP/AJ  
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Misc :  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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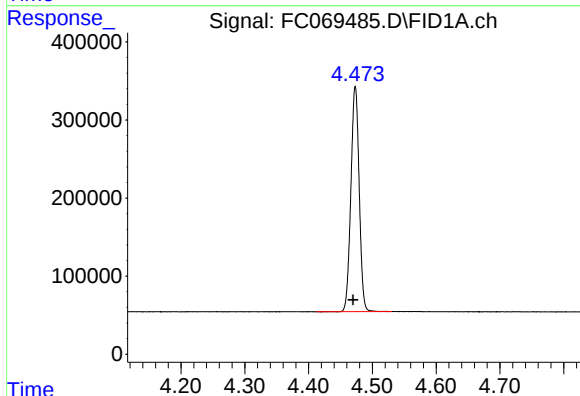




#1 n-Nonane (C9)

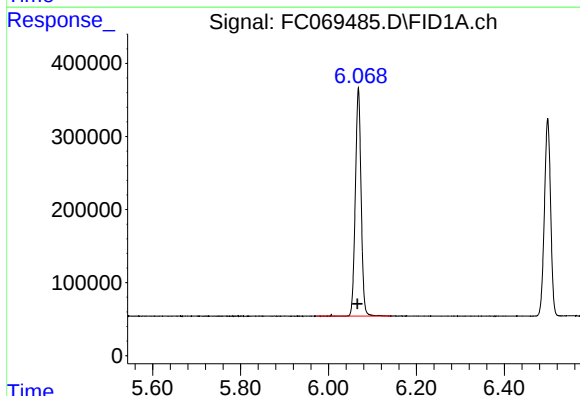
R.T.: 3.400 min  
Delta R.T.: 0.006 min  
Response: 2543174  
Conc: 18.69 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



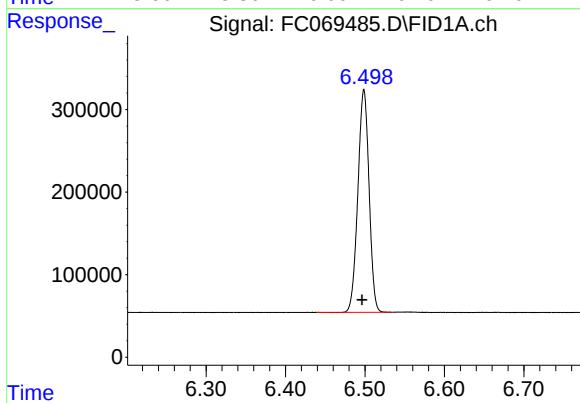
#2 n-Decane (C10)

R.T.: 4.473 min  
Delta R.T.: 0.004 min  
Response: 2610038  
Conc: 18.75 ug/ml



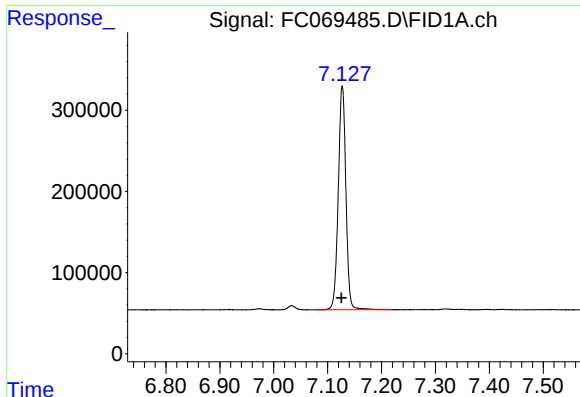
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min  
Delta R.T.: 0.002 min  
Response: 2831588  
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

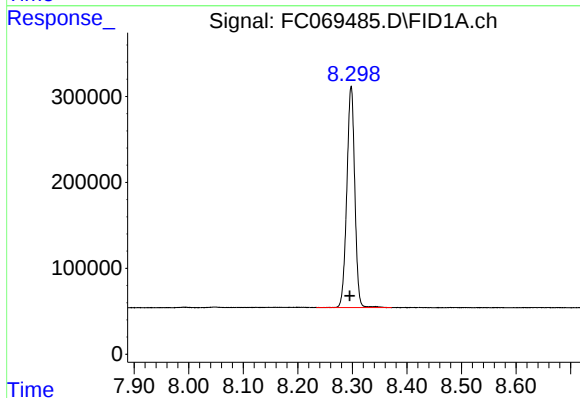
R.T.: 6.499 min  
Delta R.T.: 0.002 min  
Response: 2635466  
Conc: 18.59 ug/ml



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

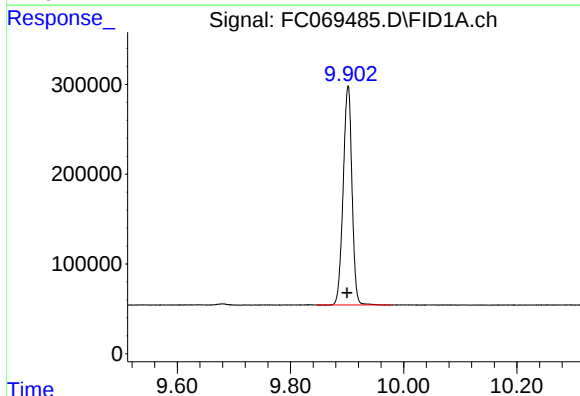
R.T.: 7.127 min  
Delta R.T.: 0.002 min  
Response: 2715156  
Conc: 18.59 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



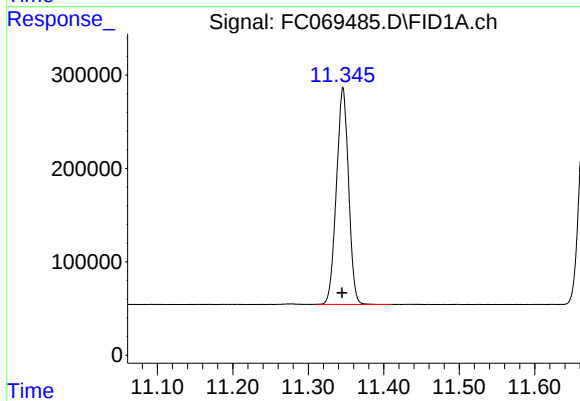
#6 n-Tetradecane (C14)

R.T.: 8.298 min  
Delta R.T.: 0.002 min  
Response: 2614583  
Conc: 18.39 ug/ml



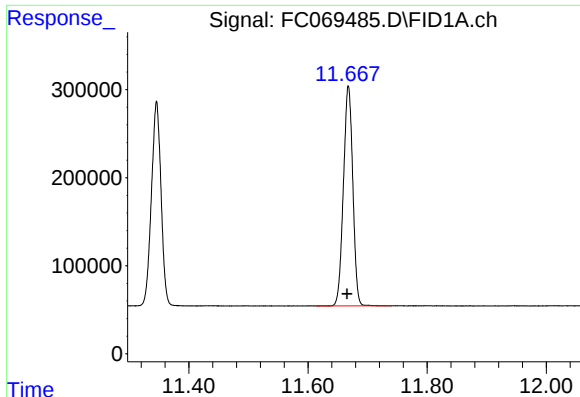
#7 n-Hexadecane (C16)

R.T.: 9.902 min  
Delta R.T.: 0.002 min  
Response: 2643611  
Conc: 18.11 ug/ml



#8 n-Octadecane (C18)

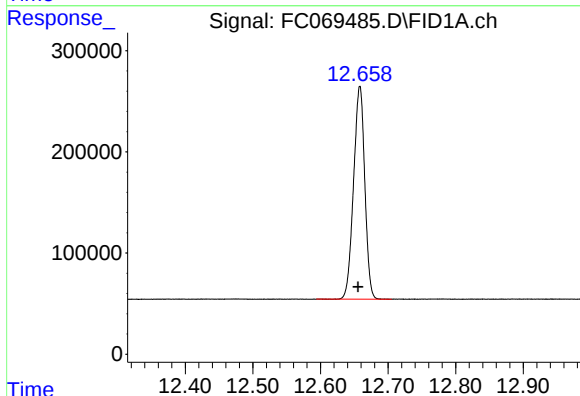
R.T.: 11.346 min  
Delta R.T.: 0.001 min  
Response: 2597973  
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

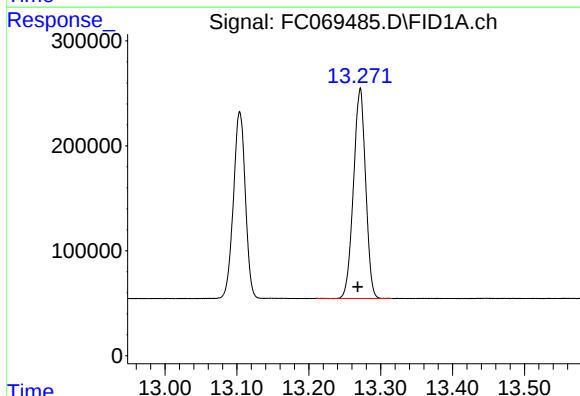
R.T.: 11.668 min  
Delta R.T.: 0.002 min  
Response: 2732239  
Conc: 18.41 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



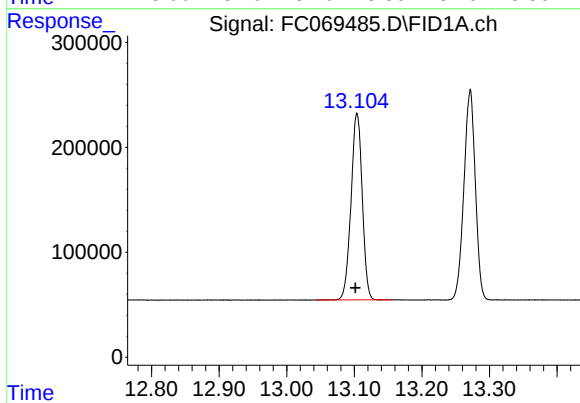
#10 n-Eicosane (C20)

R.T.: 12.658 min  
Delta R.T.: 0.002 min  
Response: 2426560  
Conc: 18.07 ug/ml



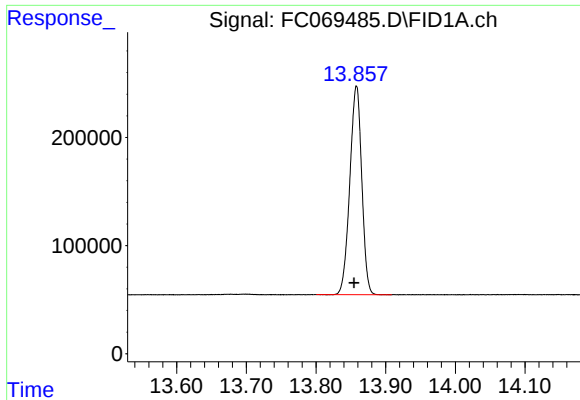
#11 n-Heneicosane (C21)

R.T.: 13.271 min  
Delta R.T.: 0.003 min  
Response: 2349908  
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

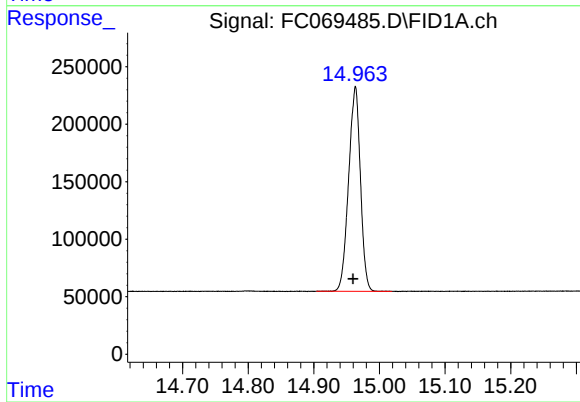
R.T.: 13.104 min  
Delta R.T.: 0.002 min  
Response: 2050933  
Conc: 18.15 ug/ml



#13 n-Docosane (C22)

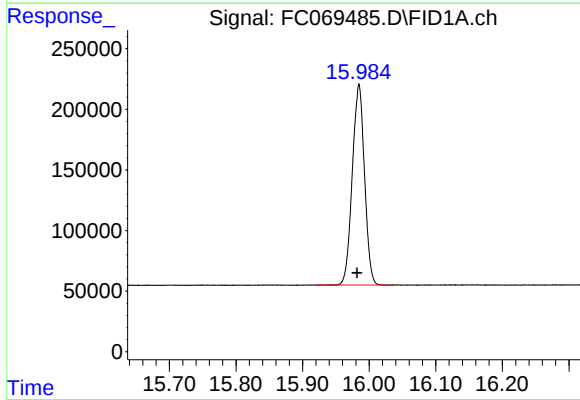
R.T.: 13.858 min  
Delta R.T.: 0.003 min  
Response: 2299817  
Conc: 18.11 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



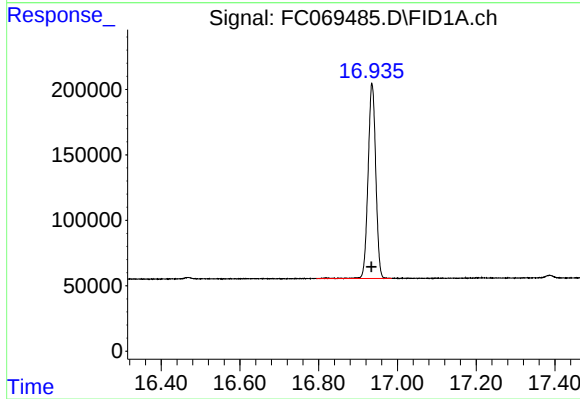
#14 n-Tetracosane (C24)

R.T.: 14.963 min  
Delta R.T.: 0.004 min  
Response: 2221965  
Conc: 18.20 ug/ml



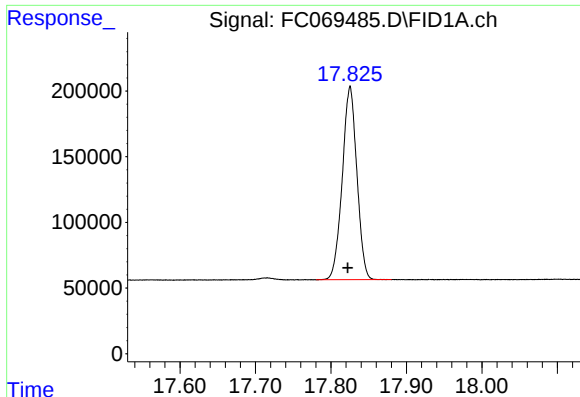
#15 n-Hexacosane (C26)

R.T.: 15.985 min  
Delta R.T.: 0.002 min  
Response: 2110988  
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

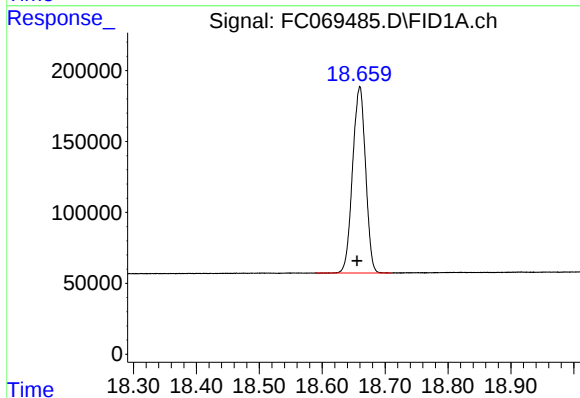
R.T.: 16.936 min  
Delta R.T.: 0.002 min  
Response: 2013566  
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

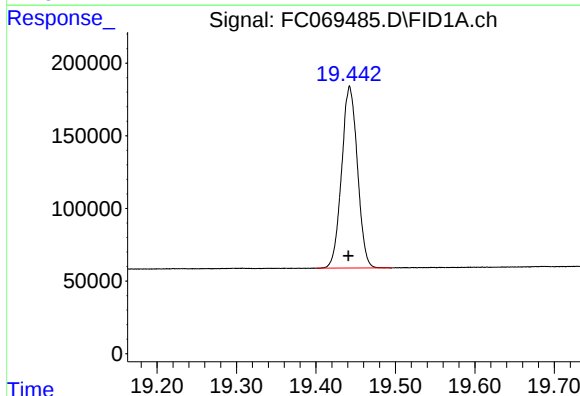
R.T.: 17.825 min  
Delta R.T.: 0.003 min  
Response: 1977812  
Conc: 18.06 ug/ml

Instrument :  
FID\_C  
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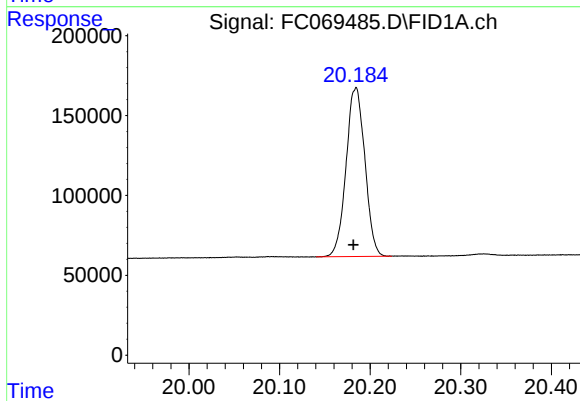
#18 n-Dotriacontane (C32)

R.T.: 18.660 min  
Delta R.T.: 0.004 min  
Response: 1885253  
Conc: 18.17 ug/ml



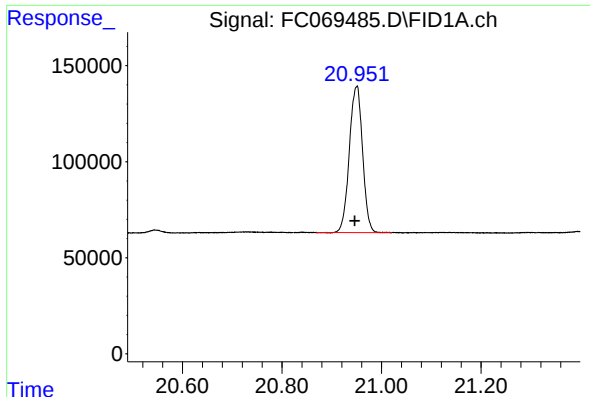
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min  
Delta R.T.: 0.002 min  
Response: 1729346  
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

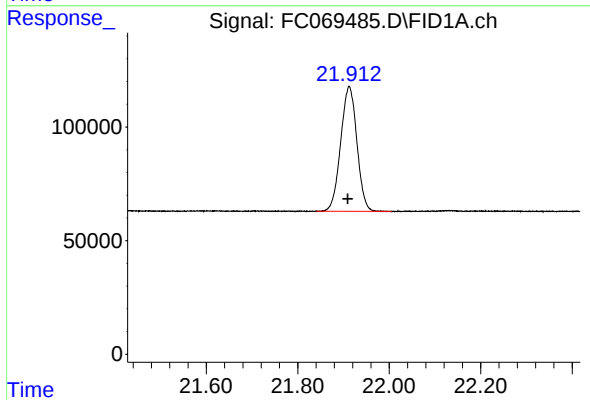
R.T.: 20.184 min  
Delta R.T.: 0.002 min  
Response: 1522636  
Conc: 18.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min  
Delta R.T.: 0.004 min  
Response: 1410180  
Conc: 18.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.912 min  
Delta R.T.: 0.003 min  
Response: 1353944  
Conc: 18.48 ug/ml