

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082625AL\  
 Data File : FC069751.D  
 Signal(s) : FID1A.ch  
 Acq On : 26 Aug 2025 20:51  
 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: Aug 27 01:08:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 14:14:17 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)    | 11.662 | 2861524    | 19.181 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.36%       |
| 12) S 1-chlorooctadecane (S... | 13.098 | 2143297    | 19.659 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.398  | 2712658    | 19.040 ug/ml |
| 2) T n-Decane (C10)            | 4.468  | 2815346    | 19.365 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.062  | 2964827    | 19.108 ug/ml |
| 4) T n-Dodecane (C12)          | 6.493  | 2841100    | 19.435 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.122  | 2828932    | 19.209 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.291  | 2835014    | 19.865 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.895  | 2877248    | 19.959 ug/ml |
| 8) T n-Octadecane (C18)        | 11.340 | 2800845    | 19.806 ug/ml |
| 10) T n-Eicosane (C20)         | 12.651 | 2581285    | 19.596 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.264 | 2482521    | 19.464 ug/ml |
| 13) T n-Docosane (C22)         | 13.851 | 2431585    | 19.465 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.956 | 2350681    | 19.480 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.979 | 2245576    | 19.434 ug/ml |
| 16) T n-Octacosane (C28)       | 16.929 | 2208726    | 19.705 ug/ml |
| 17) T n-Tricontane (C30)       | 17.819 | 2328341    | 20.336 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.653 | 2357930    | 21.227 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.439 | 2167947    | 21.291 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.179 | 1857761    | 20.835 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.945 | 1652304    | 20.540 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.907 | 1527083    | 20.393 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

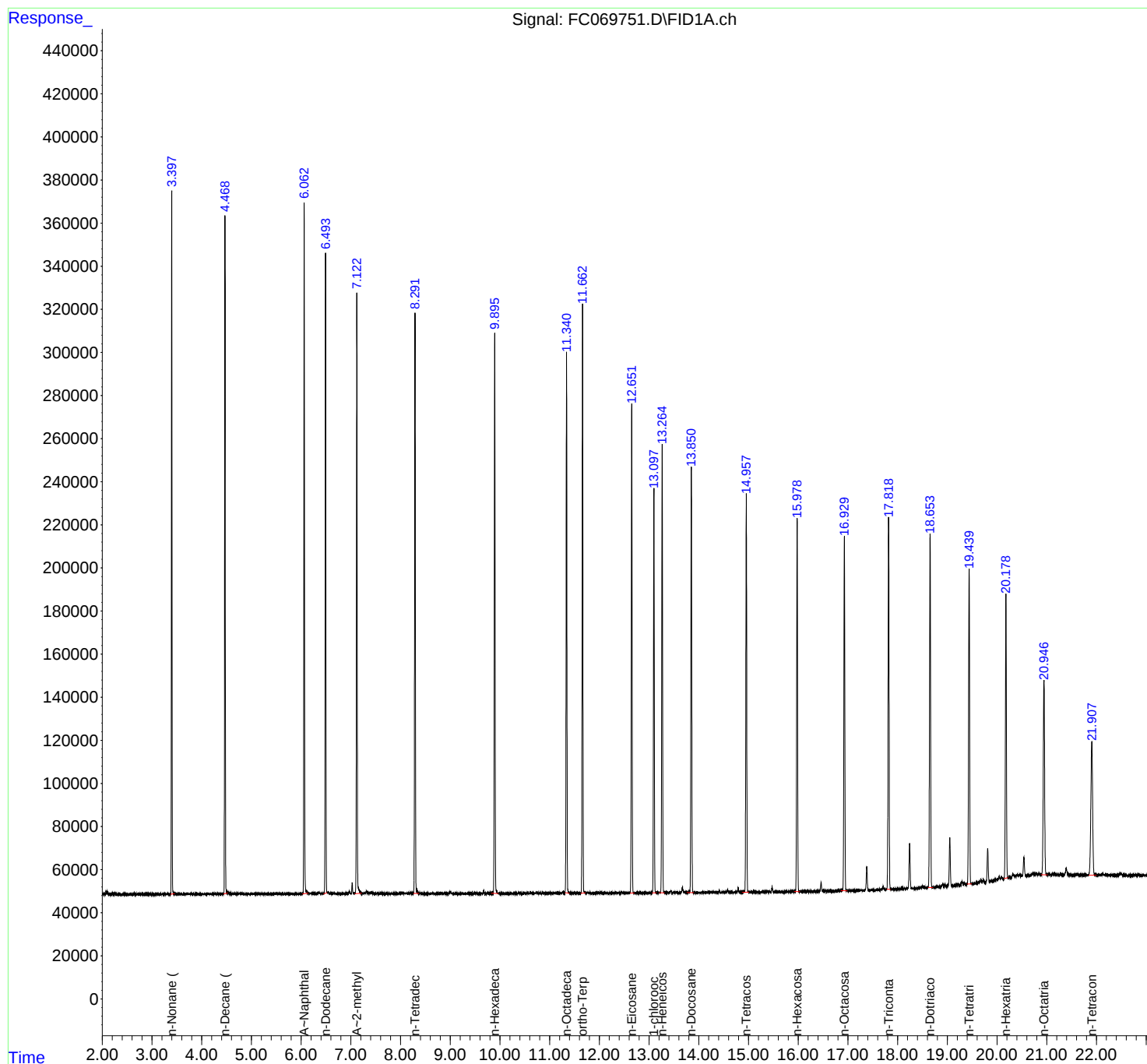
(m)=manual int.

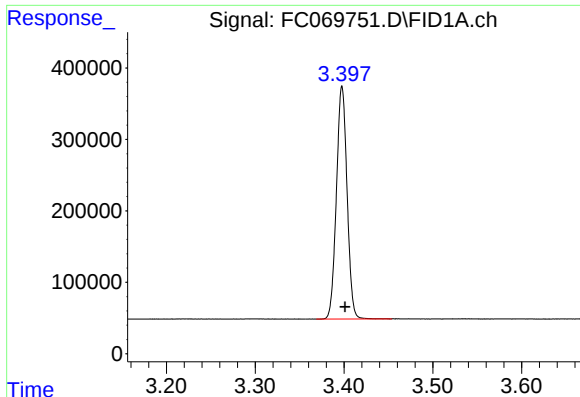
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082625AL\  
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QLast Update : Fri Aug 01 14:14:17 2025  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

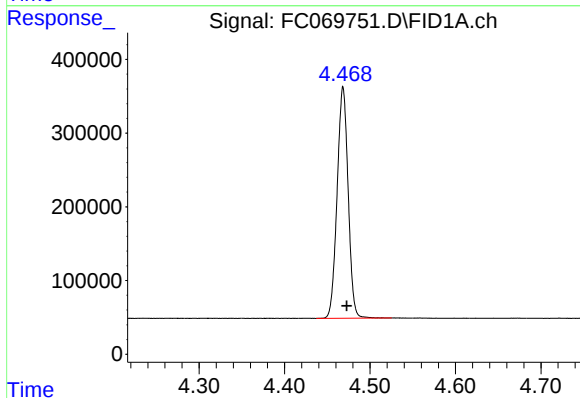




#1 n-Nonane (C9)

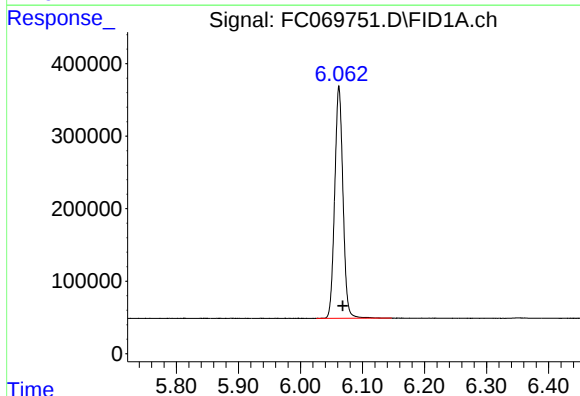
R.T.: 3.398 min  
Delta R.T.: -0.003 min  
Response: 2712658  
Conc: 19.04 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



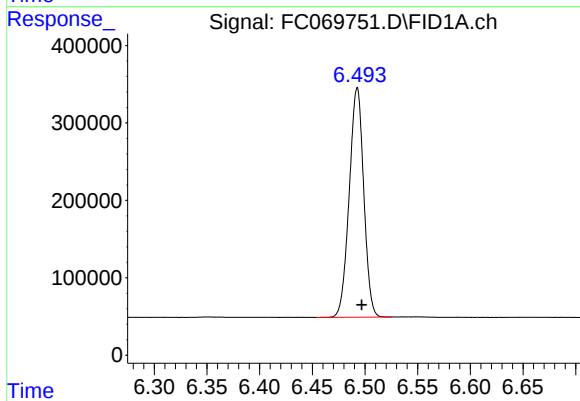
#2 n-Decane (C10)

R.T.: 4.468 min  
Delta R.T.: -0.005 min  
Response: 2815346  
Conc: 19.37 ug/ml



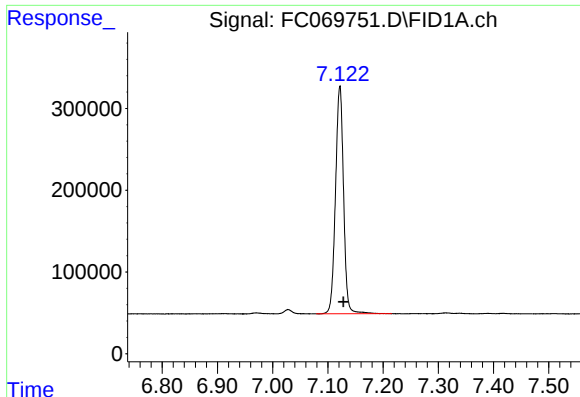
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min  
Delta R.T.: -0.006 min  
Response: 2964827  
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

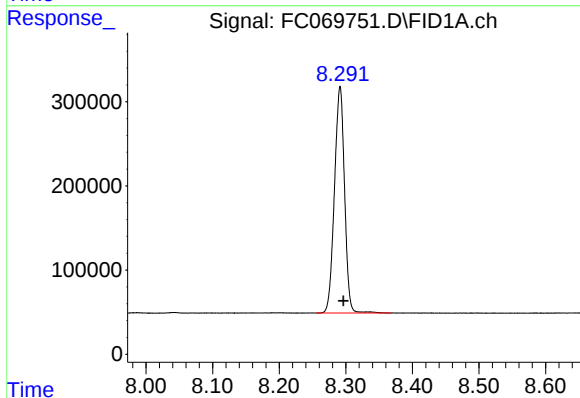
R.T.: 6.493 min  
Delta R.T.: -0.005 min  
Response: 2841100  
Conc: 19.44 ug/ml



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

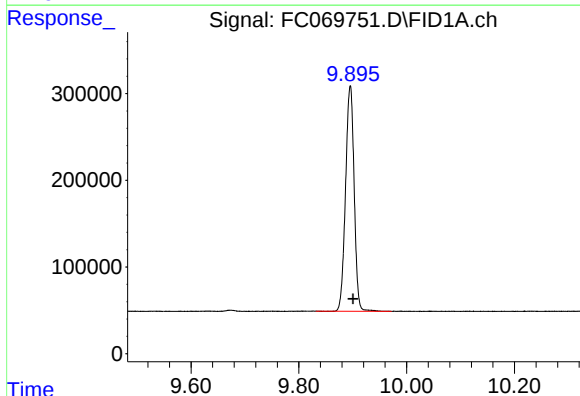
R.T.: 7.122 min  
Delta R.T.: -0.006 min  
Response: 2828932  
Conc: 19.21 ug/ml

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



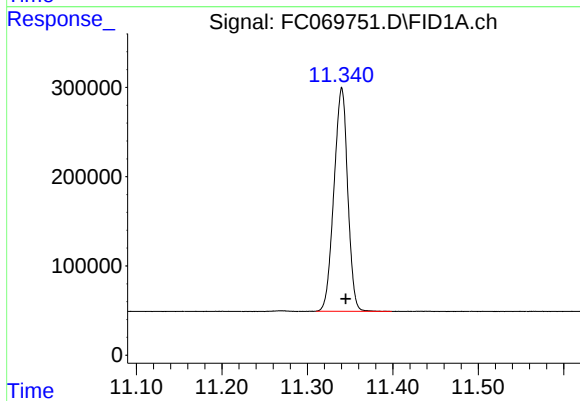
#6 n-Tetradecane (C14)

R.T.: 8.291 min  
Delta R.T.: -0.005 min  
Response: 2835014  
Conc: 19.87 ug/ml



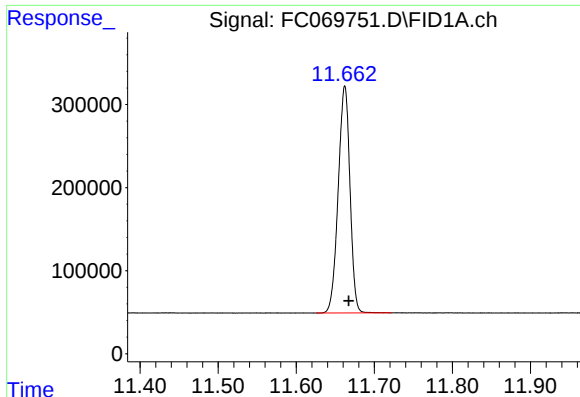
#7 n-Hexadecane (C16)

R.T.: 9.895 min  
Delta R.T.: -0.006 min  
Response: 2877248  
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

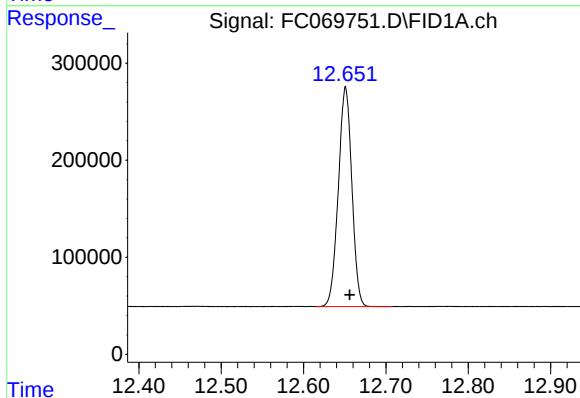
R.T.: 11.340 min  
Delta R.T.: -0.005 min  
Response: 2800845  
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

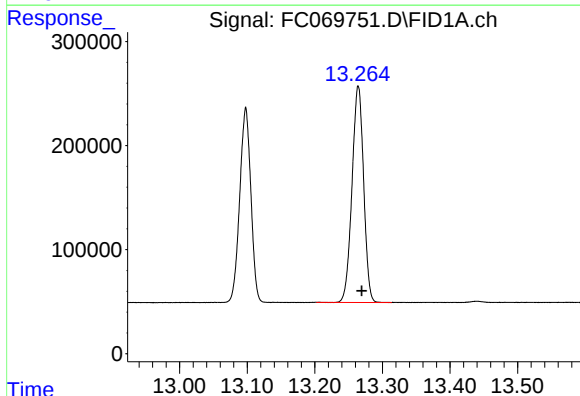
R.T.: 11.662 min  
Delta R.T.: -0.005 min  
Response: 2861524  
Conc: 19.18 ug/ml

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



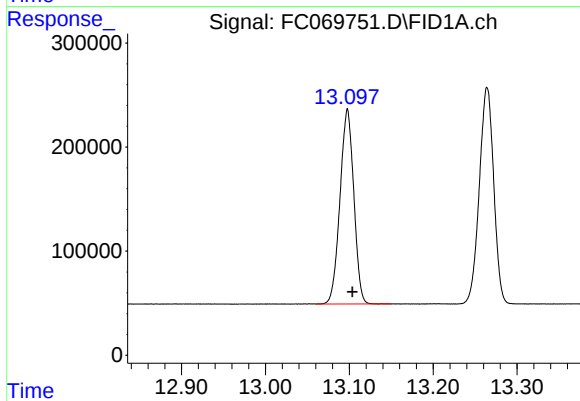
#10 n-Eicosane (C20)

R.T.: 12.651 min  
Delta R.T.: -0.005 min  
Response: 2581285  
Conc: 19.60 ug/ml



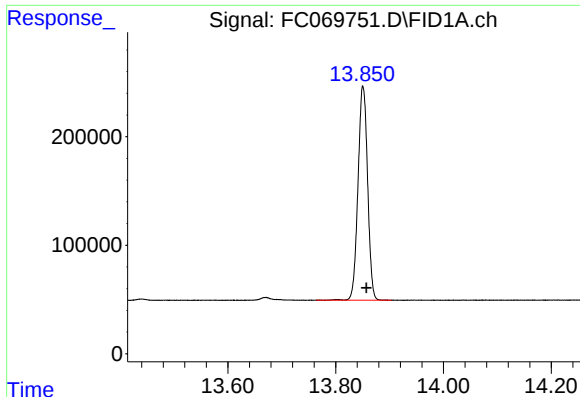
#11 n-Heneicosane (C21)

R.T.: 13.264 min  
Delta R.T.: -0.005 min  
Response: 2482521  
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

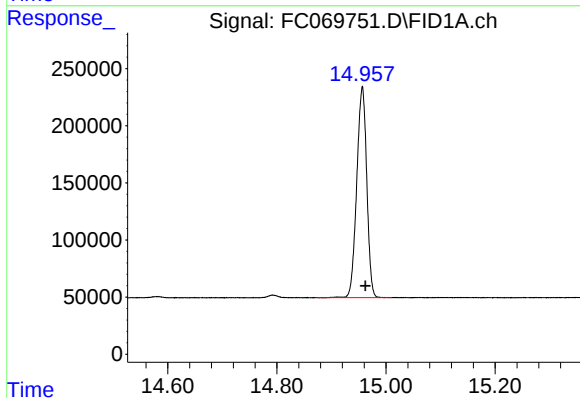
R.T.: 13.098 min  
Delta R.T.: -0.006 min  
Response: 2143297  
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

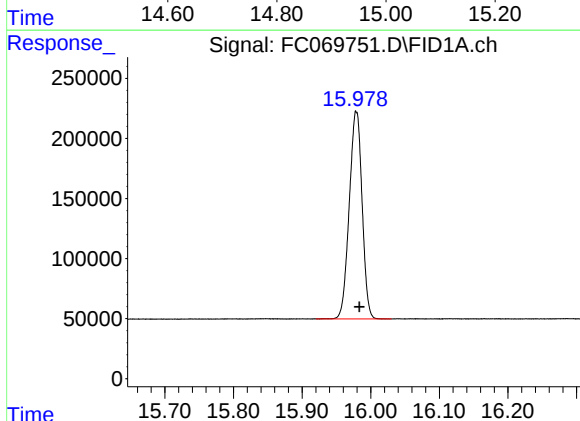
R.T.: 13.851 min  
Delta R.T.: -0.006 min  
Response: 2431585  
Conc: 19.47 ug/ml

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



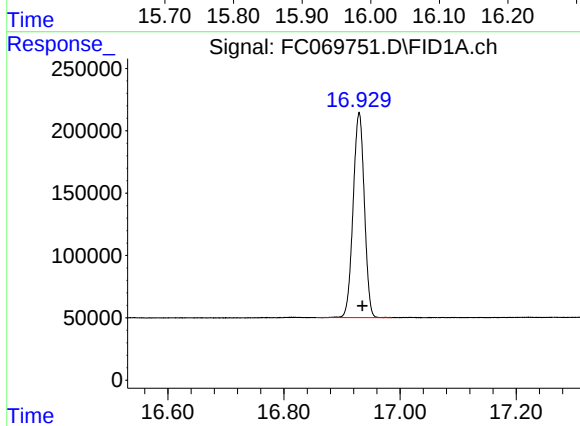
#14 n-Tetracosane (C24)

R.T.: 14.956 min  
Delta R.T.: -0.006 min  
Response: 2350681  
Conc: 19.48 ug/ml



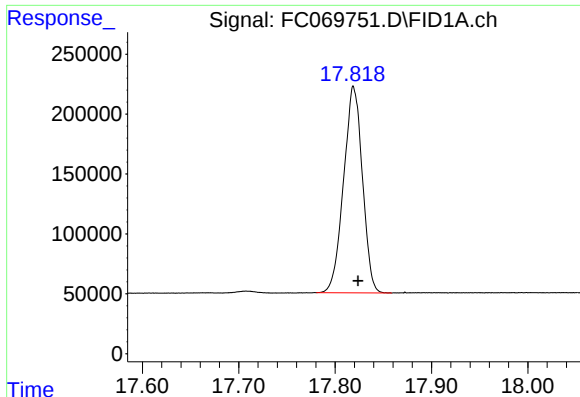
#15 n-Hexacosane (C26)

R.T.: 15.979 min  
Delta R.T.: -0.005 min  
Response: 2245576  
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

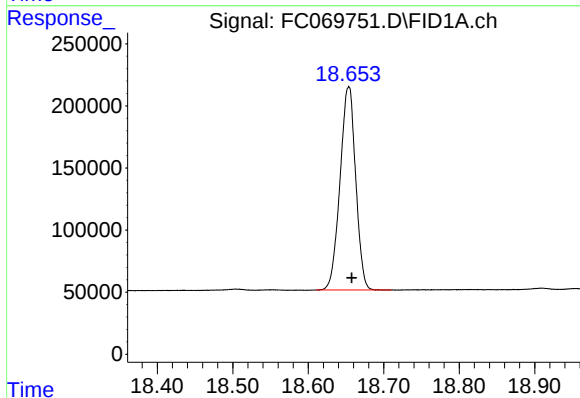
R.T.: 16.929 min  
Delta R.T.: -0.006 min  
Response: 2208726  
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

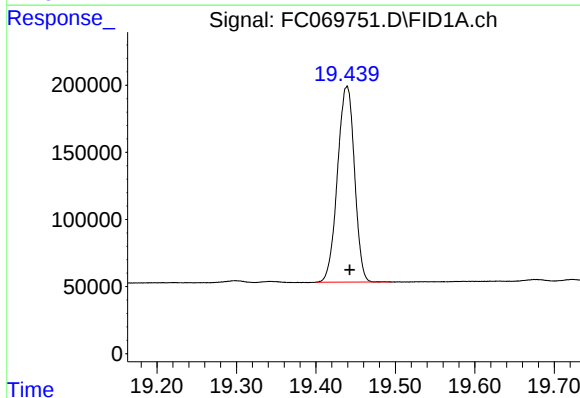
R.T.: 17.819 min  
Delta R.T.: -0.004 min  
Response: 2328341  
Conc: 20.34 ug/ml

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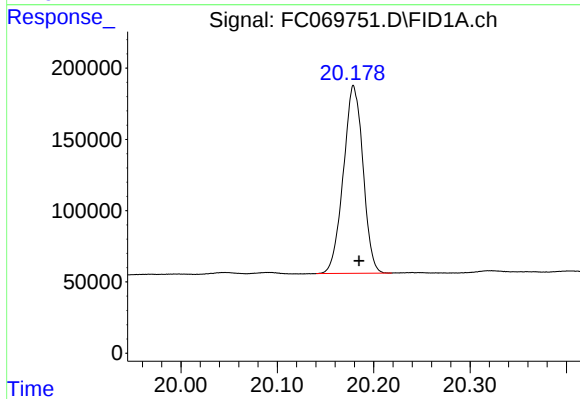
#18 n-Dotriacontane (C32)

R.T.: 18.653 min  
Delta R.T.: -0.004 min  
Response: 2357930  
Conc: 21.23 ug/ml



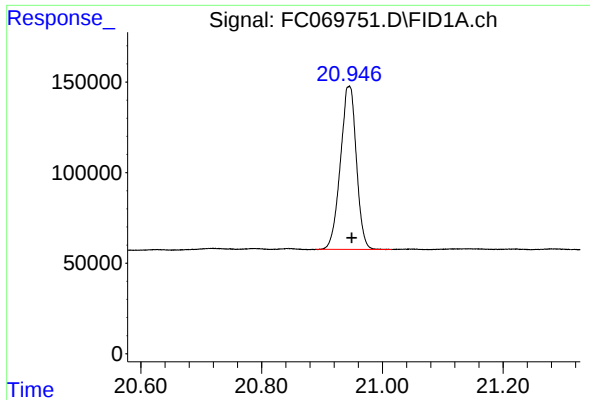
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min  
Delta R.T.: -0.004 min  
Response: 2167947  
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

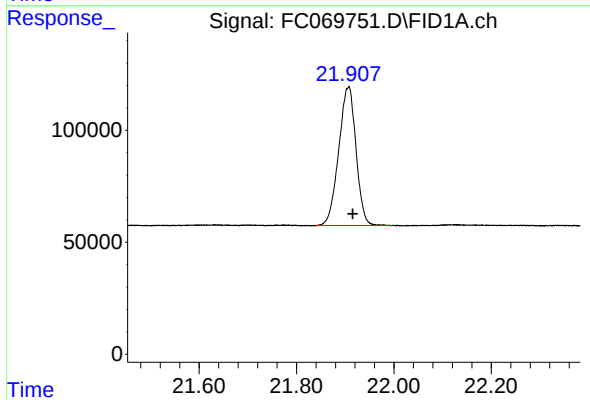
R.T.: 20.179 min  
Delta R.T.: -0.005 min  
Response: 1857761  
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min  
Delta R.T.: -0.004 min  
Response: 1652304  
Conc: 20.54 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.907 min  
Delta R.T.: -0.009 min  
Response: 1527083  
Conc: 20.39 ug/ml