

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071725AL\  
 Data File : FC069479.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Jul 2025 08:56  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 17 11:30:39 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 | 2729639    | 18.393 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.79%       |
| 12) S 1-chlorooctadecane (S... | 13.104 | 2043560    | 18.083 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.17%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.403  | 2557439    | 18.794 ug/ml |
| 2) T n-Decane (C10)            | 4.475  | 2619537    | 18.821 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.068  | 2840328    | 18.797 ug/ml |
| 4) T n-Dodecane (C12)          | 6.499  | 2639826    | 18.625 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.127  | 2723268    | 18.641 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.297  | 2607814    | 18.341 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.902  | 2636243    | 18.061 ug/ml |
| 8) T n-Octadecane (C18)        | 11.346 | 2587101    | 17.985 ug/ml |
| 10) T n-Eicosane (C20)         | 12.658 | 2416192    | 17.998 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.270 | 2341284    | 18.025 ug/ml |
| 13) T n-Docosane (C22)         | 13.858 | 2290760    | 18.036 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.963 | 2205185    | 18.067 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.985 | 2096405    | 18.044 ug/ml |
| 16) T n-Octacosane (C28)       | 16.936 | 1982306    | 17.905 ug/ml |
| 17) T n-Tricontane (C30)       | 17.824 | 1946946    | 17.780 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.658 | 1851444    | 17.842 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.443 | 1700969    | 18.052 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.184 | 1502956    | 18.196 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.949 | 1392818    | 18.338 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.913 | 1341519    | 18.315 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

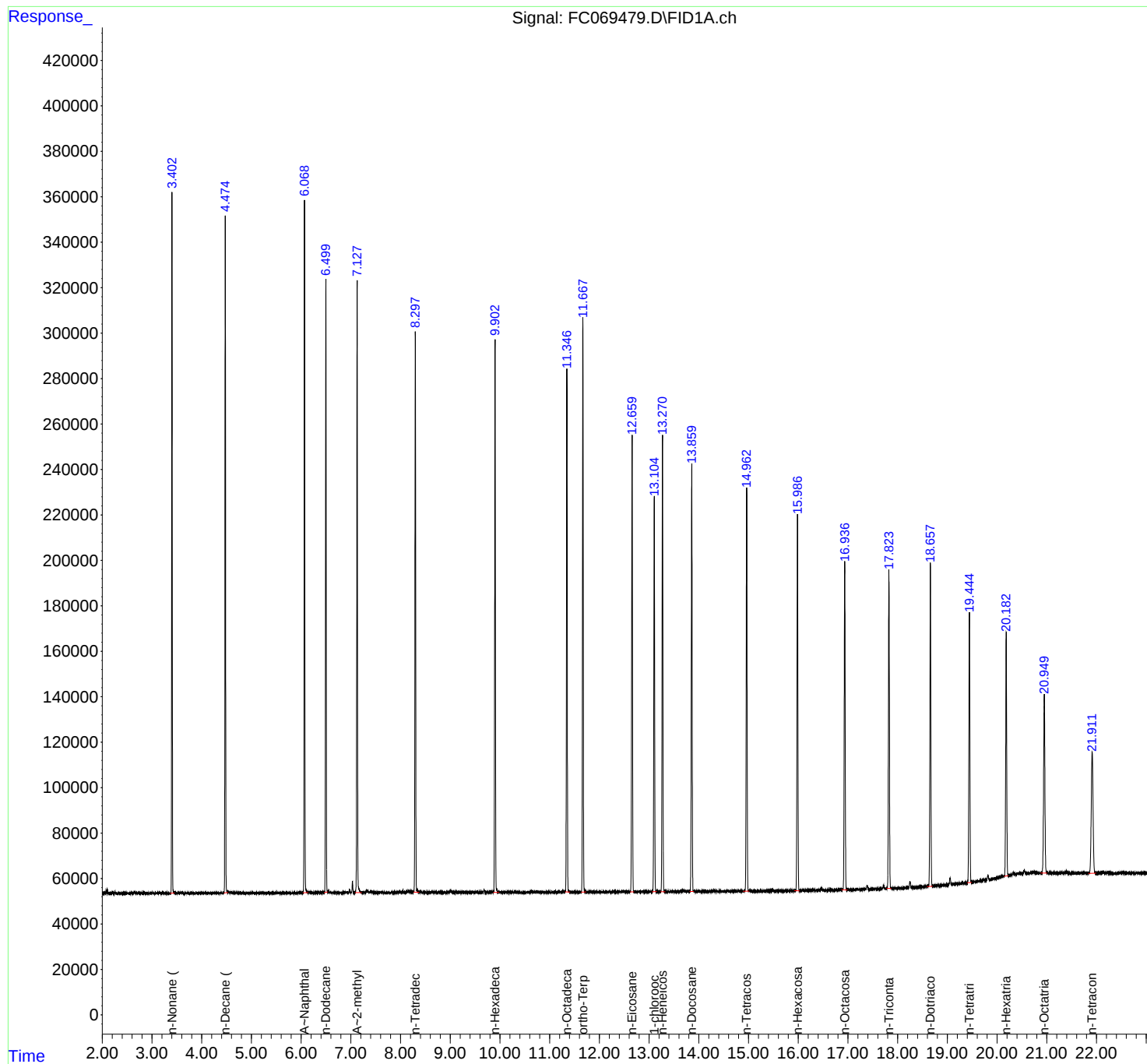
(m)=manual int.

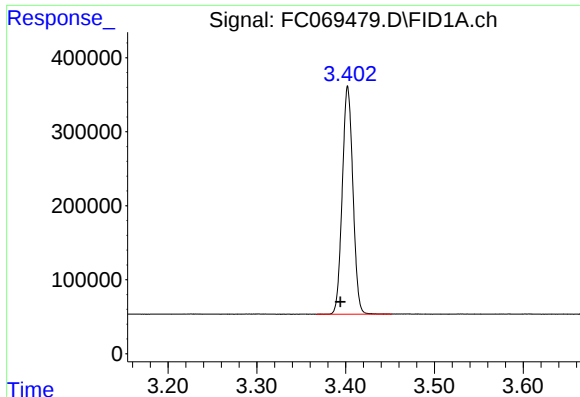
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071725AL\  
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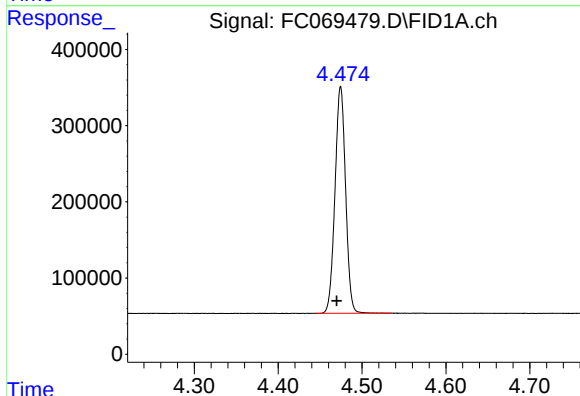




#1 n-Nonane (C9)

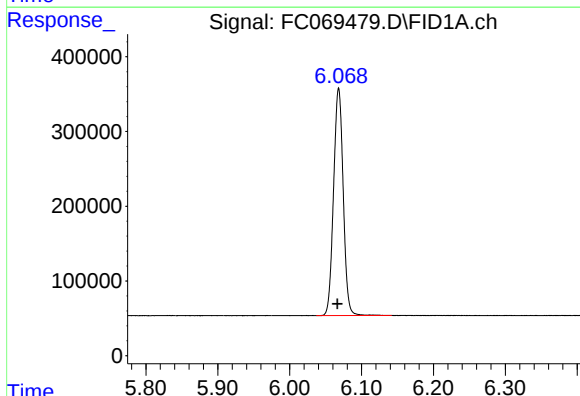
R.T.: 3.403 min  
Delta R.T.: 0.009 min  
Response: 2557439  
Conc: 18.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



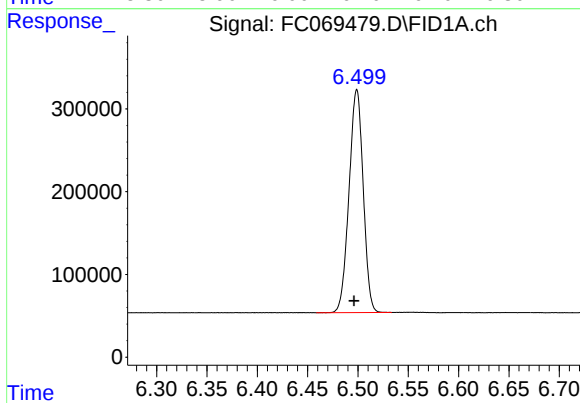
#2 n-Decane (C10)

R.T.: 4.475 min  
Delta R.T.: 0.005 min  
Response: 2619537  
Conc: 18.82 ug/ml



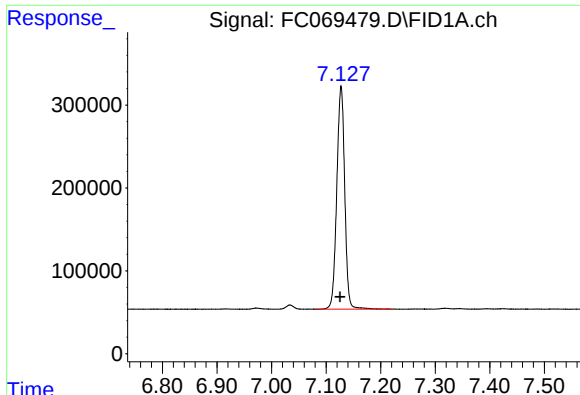
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min  
Delta R.T.: 0.002 min  
Response: 2840328  
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

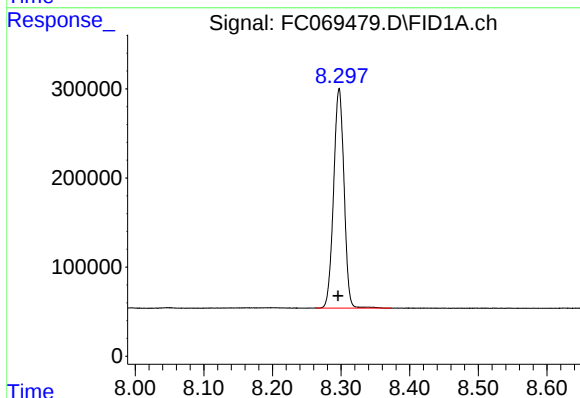
R.T.: 6.499 min  
Delta R.T.: 0.002 min  
Response: 2639826  
Conc: 18.62 ug/ml



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

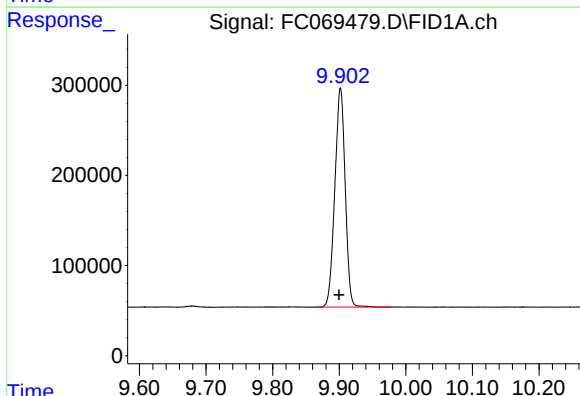
R.T.: 7.127 min  
Delta R.T.: 0.002 min  
Response: 2723268  
Conc: 18.64 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



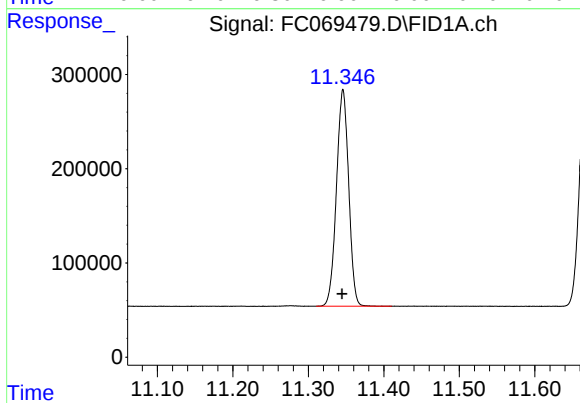
#6 n-Tetradecane (C14)

R.T.: 8.297 min  
Delta R.T.: 0.002 min  
Response: 2607814  
Conc: 18.34 ug/ml



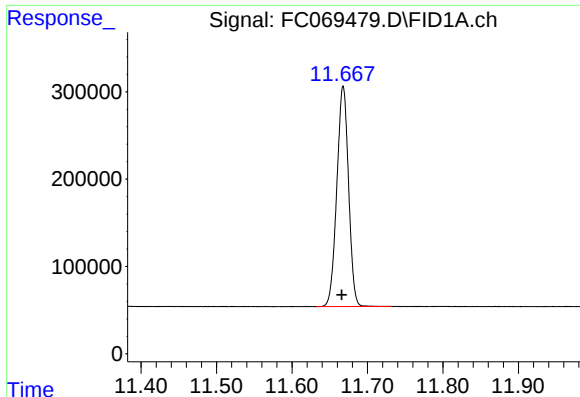
#7 n-Hexadecane (C16)

R.T.: 9.902 min  
Delta R.T.: 0.002 min  
Response: 2636243  
Conc: 18.06 ug/ml



#8 n-Octadecane (C18)

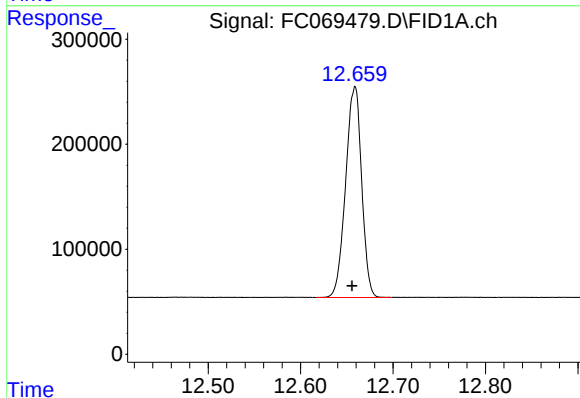
R.T.: 11.346 min  
Delta R.T.: 0.001 min  
Response: 2587101  
Conc: 17.98 ug/ml



#9 ortho-Terphenyl (SURR)

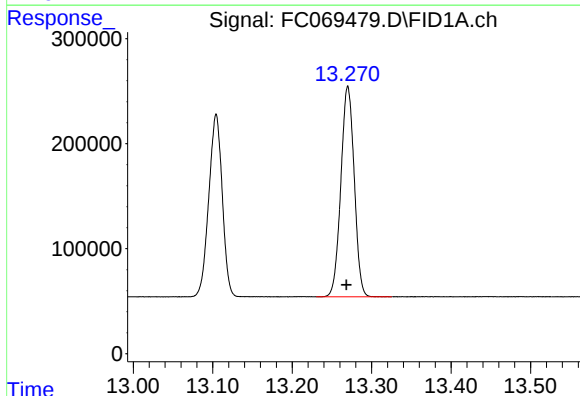
R.T.: 11.668 min  
Delta R.T.: 0.002 min  
Response: 2729639  
Conc: 18.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



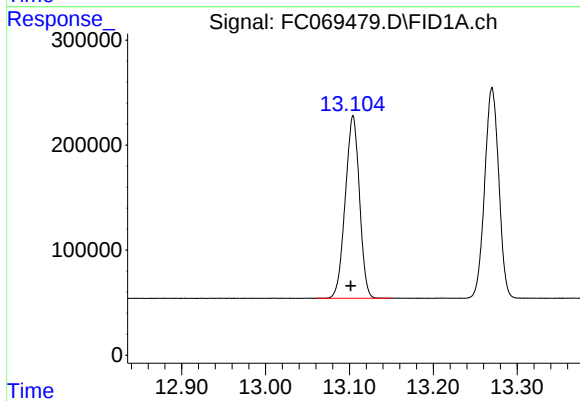
#10 n-Eicosane (C20)

R.T.: 12.658 min  
Delta R.T.: 0.003 min  
Response: 2416192  
Conc: 18.00 ug/ml



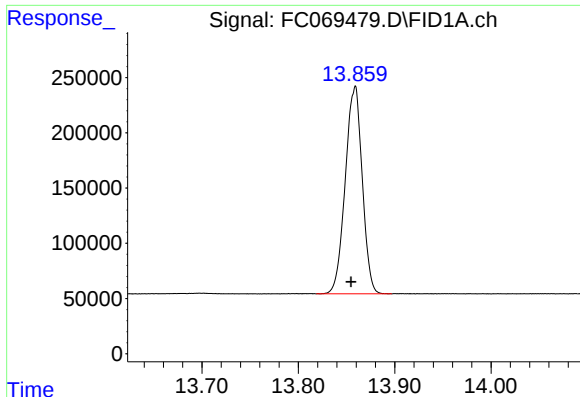
#11 n-Heneicosane (C21)

R.T.: 13.270 min  
Delta R.T.: 0.002 min  
Response: 2341284  
Conc: 18.02 ug/ml



#12 1-chlorooctadecane (SURR)

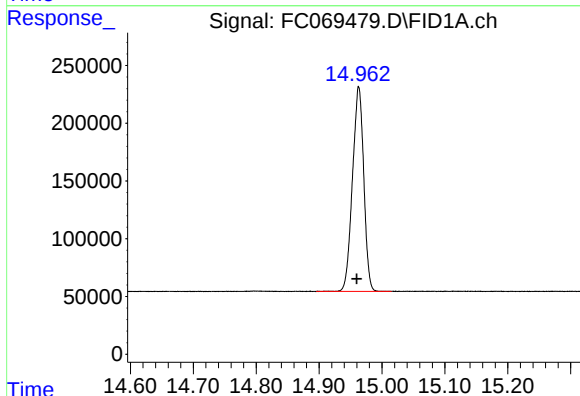
R.T.: 13.104 min  
Delta R.T.: 0.003 min  
Response: 2043560  
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

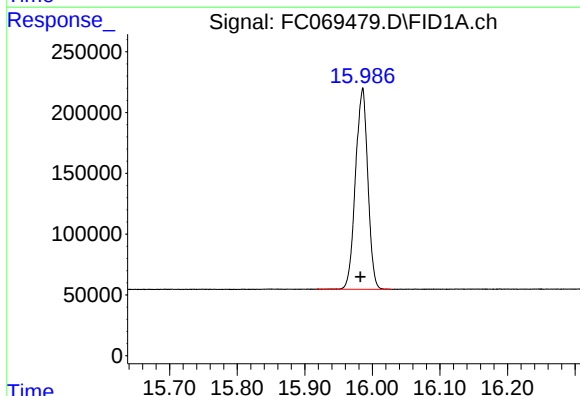
R.T.: 13.858 min  
Delta R.T.: 0.004 min  
Response: 2290760  
Conc: 18.04 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



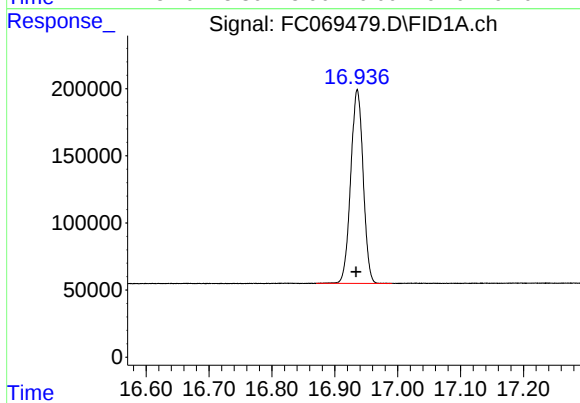
#14 n-Tetracosane (C24)

R.T.: 14.963 min  
Delta R.T.: 0.004 min  
Response: 2205185  
Conc: 18.07 ug/ml



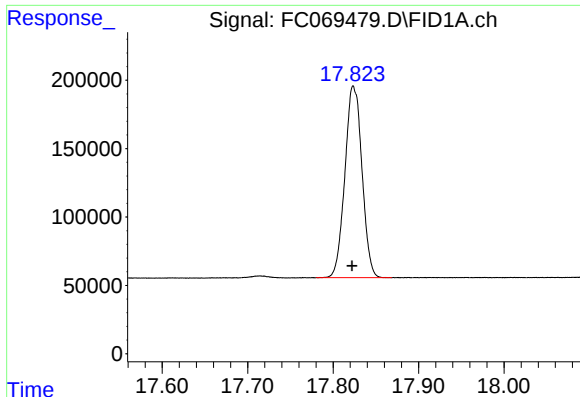
#15 n-Hexacosane (C26)

R.T.: 15.985 min  
Delta R.T.: 0.003 min  
Response: 2096405  
Conc: 18.04 ug/ml



#16 n-Octacosane (C28)

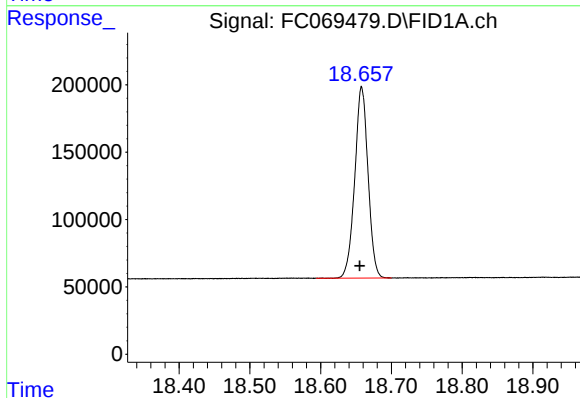
R.T.: 16.936 min  
Delta R.T.: 0.002 min  
Response: 1982306  
Conc: 17.90 ug/ml



#17 n-Tricontane (C30)

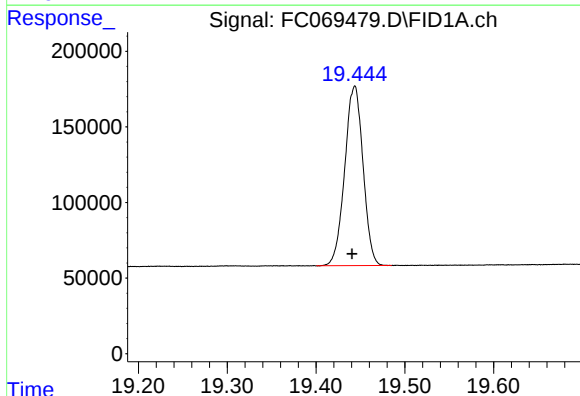
R.T.: 17.824 min  
Delta R.T.: 0.002 min  
Response: 1946946  
Conc: 17.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



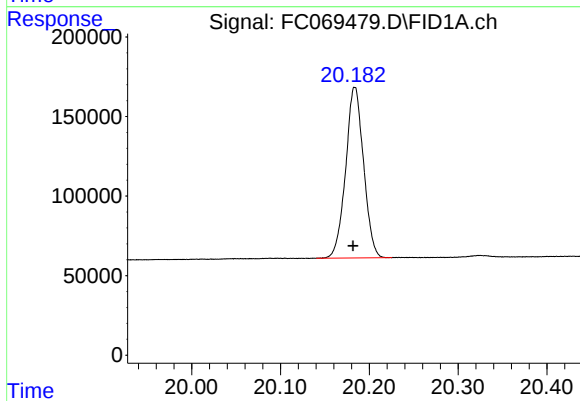
#18 n-Dotriacontane (C32)

R.T.: 18.658 min  
Delta R.T.: 0.003 min  
Response: 1851444  
Conc: 17.84 ug/ml



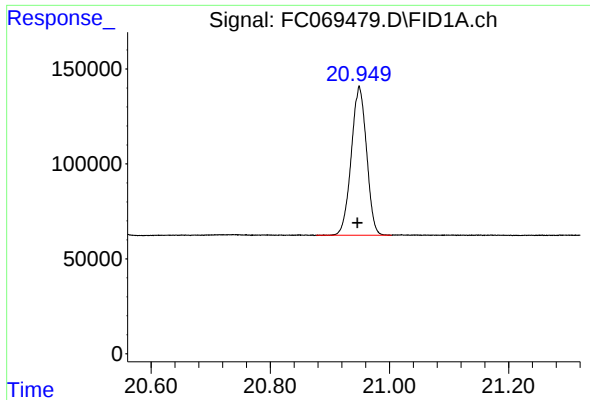
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min  
Delta R.T.: 0.003 min  
Response: 1700969  
Conc: 18.05 ug/ml



#20 n-Hexatriacontane (C36)

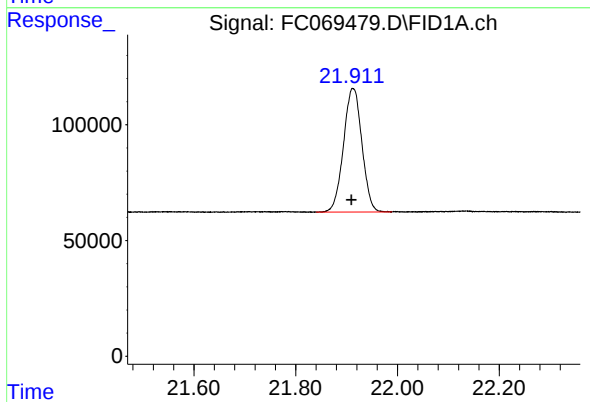
R.T.: 20.184 min  
Delta R.T.: 0.002 min  
Response: 1502956  
Conc: 18.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min  
Delta R.T.: 0.003 min  
Response: 1392818  
Conc: 18.34 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.913 min  
Delta R.T.: 0.004 min  
Response: 1341519  
Conc: 18.31 ug/ml