

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021125AL\  
 Data File : FC068253.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Feb 2025 17:01  
 Operator : YP/AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 11 02:30:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 11 02:29:33 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)    | 11.404 | 7265657    | 47.326 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 94.65%       |
| 12) S 1-chlorooctadecane (S... | 12.845 | 5379642    | 47.631 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 95.26%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.209  | 6719412    | 47.428 ug/ml |
| 2) T n-Decane (C10)            | 4.267  | 6784596    | 47.555 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.834  | 7434634    | 48.043 ug/ml |
| 4) T n-Dodecane (C12)          | 6.276  | 6736178    | 47.696 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.887  | 7096295    | 48.391 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.065  | 6521596    | 47.844 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.660  | 6569433    | 47.850 ug/ml |
| 8) T n-Octadecane (C18)        | 11.099 | 6516282    | 47.555 ug/ml |
| 10) T n-Eicosane (C20)         | 12.404 | 6182901    | 47.362 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.014 | 6051938    | 47.351 ug/ml |
| 13) T n-Docosane (C22)         | 13.599 | 5978682    | 47.357 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.700 | 5893630    | 47.329 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.718 | 5756725    | 47.224 ug/ml |
| 16) T n-Octacosane (C28)       | 16.665 | 5605157    | 47.073 ug/ml |
| 17) T n-Tricontane (C30)       | 17.551 | 5630196    | 46.917 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.383 | 5417986    | 46.879 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.165 | 5059593    | 46.973 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.902 | 4533198    | 47.188 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.614 | 4246406    | 47.073 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.465 | 4122486    | 47.570 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

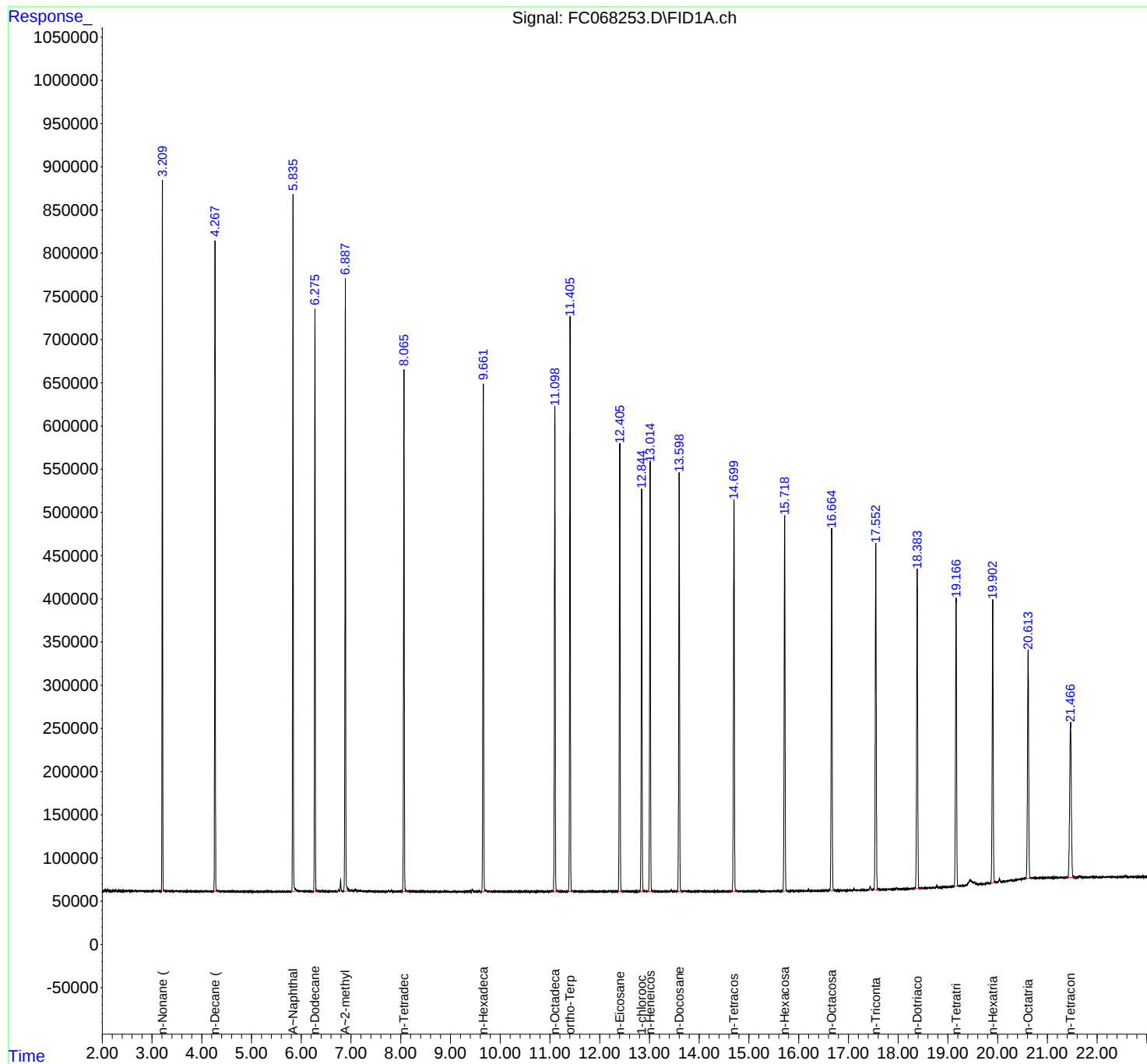
(m)=manual int.

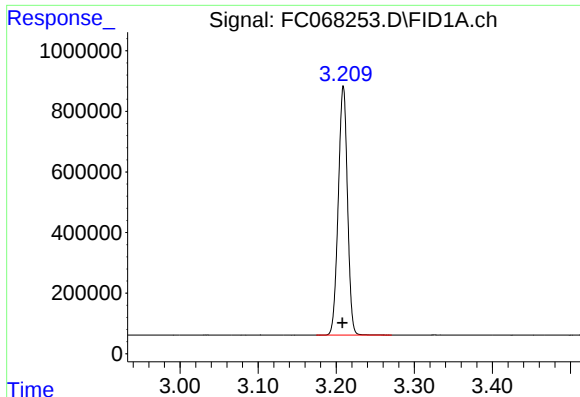
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021125AL\  
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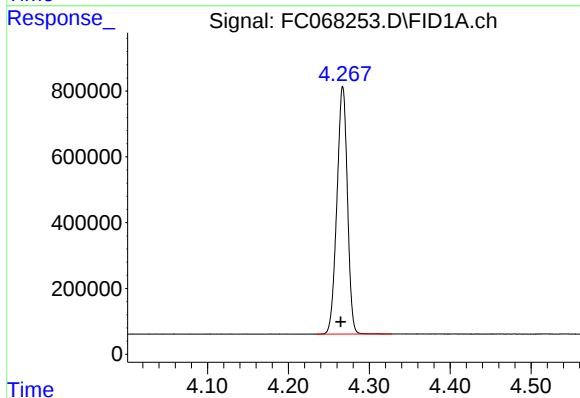




#1 n-Nonane (C9)

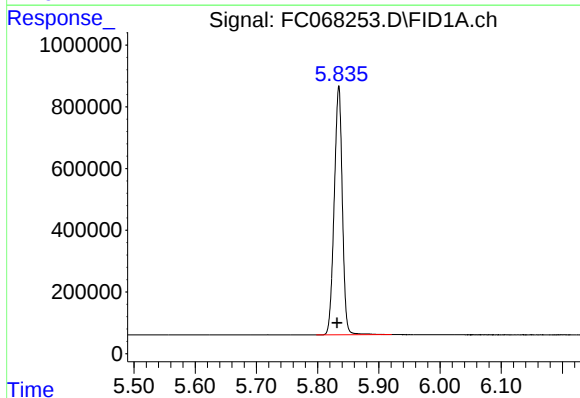
R.T.: 3.209 min  
Delta R.T.: 0.000 min  
Response: 6719412  
Conc: 47.43 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



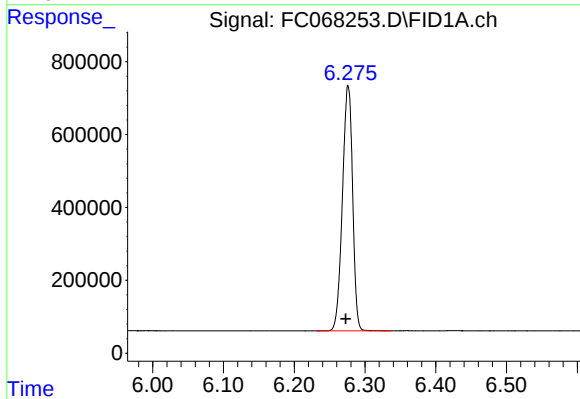
#2 n-Decane (C10)

R.T.: 4.267 min  
Delta R.T.: 0.002 min  
Response: 6784596  
Conc: 47.56 ug/ml



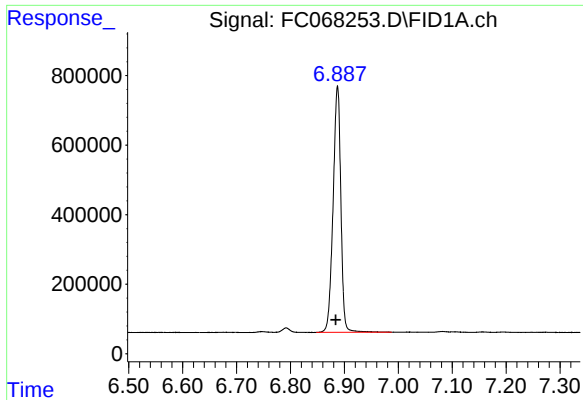
#3 A~Naphthalene (C11.7)

R.T.: 5.834 min  
Delta R.T.: 0.003 min  
Response: 7434634  
Conc: 48.04 ug/ml



#4 n-Dodecane (C12)

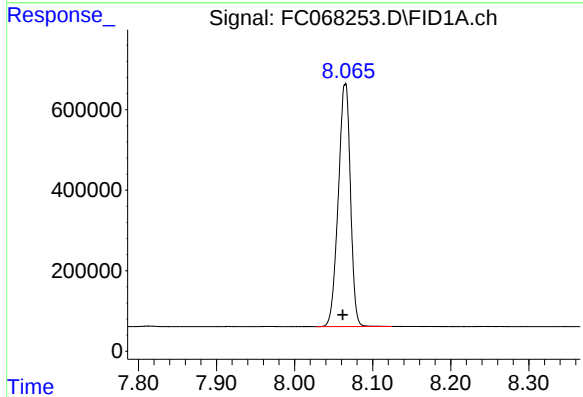
R.T.: 6.276 min  
Delta R.T.: 0.003 min  
Response: 6736178  
Conc: 47.70 ug/ml



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

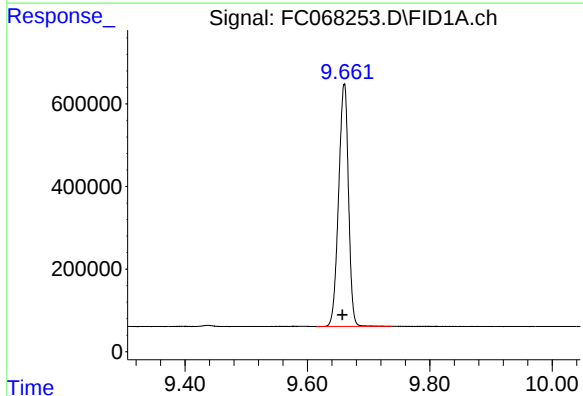
R.T.: 6.887 min  
Delta R.T.: 0.003 min  
Response: 7096295  
Conc: 48.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



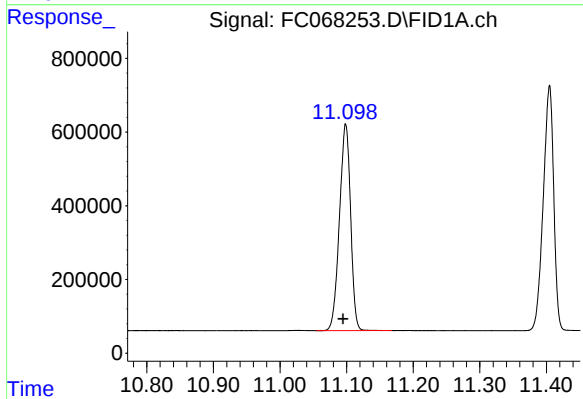
#6 n-Tetradecane (C14)

R.T.: 8.065 min  
Delta R.T.: 0.003 min  
Response: 6521596  
Conc: 47.84 ug/ml



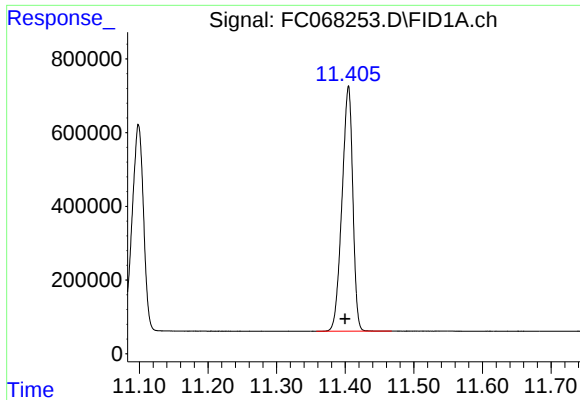
#7 n-Hexadecane (C16)

R.T.: 9.660 min  
Delta R.T.: 0.003 min  
Response: 6569433  
Conc: 47.85 ug/ml



#8 n-Octadecane (C18)

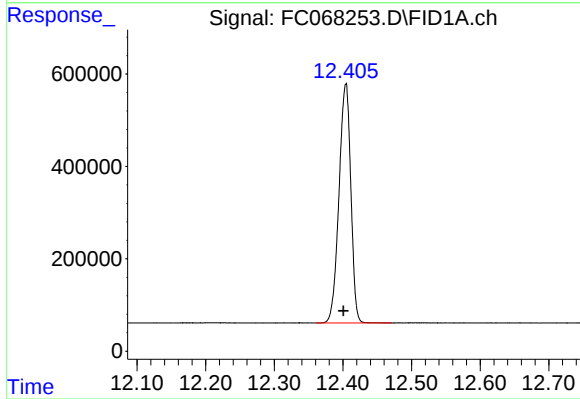
R.T.: 11.099 min  
Delta R.T.: 0.004 min  
Response: 6516282  
Conc: 47.55 ug/ml



#9 ortho-Terphenyl (SURR)

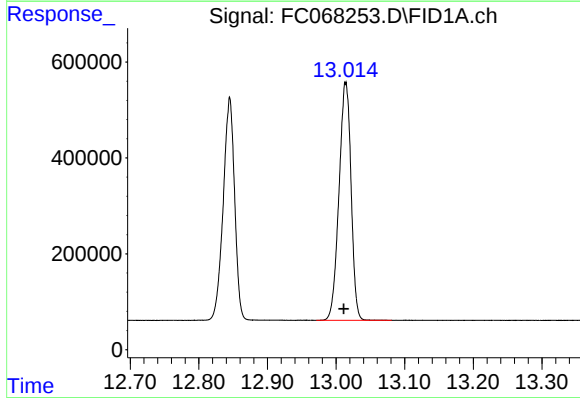
R.T.: 11.404 min  
Delta R.T.: 0.005 min  
Response: 7265657  
Conc: 47.33 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



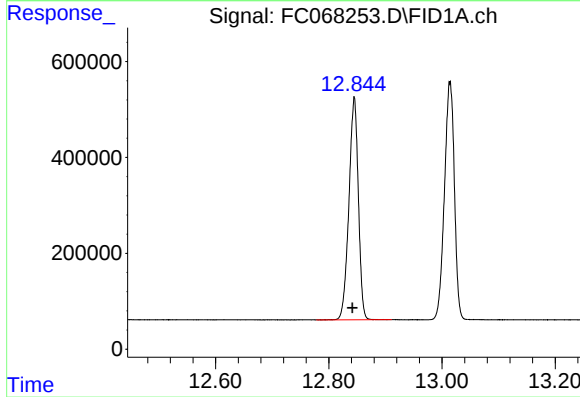
#10 n-Eicosane (C20)

R.T.: 12.404 min  
Delta R.T.: 0.003 min  
Response: 6182901  
Conc: 47.36 ug/ml



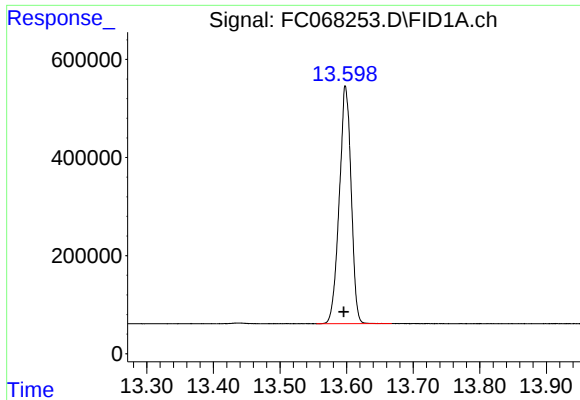
#11 n-Heneicosane (C21)

R.T.: 13.014 min  
Delta R.T.: 0.003 min  
Response: 6051938  
Conc: 47.35 ug/ml



#12 1-chlorooctadecane (SURR)

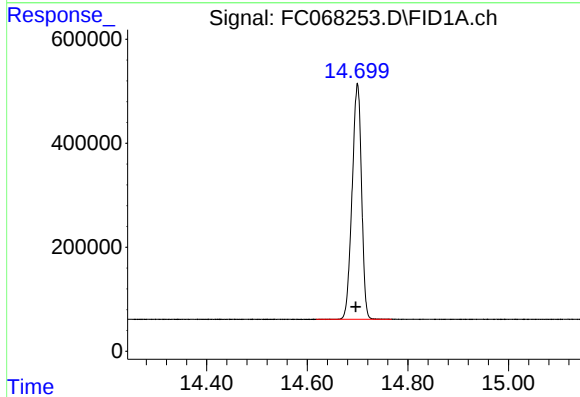
R.T.: 12.845 min  
Delta R.T.: 0.003 min  
Response: 5379642  
Conc: 47.63 ug/ml



#13 n-Docosane (C22)

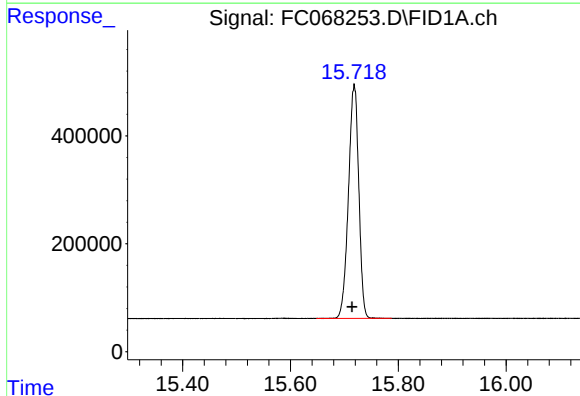
R.T.: 13.599 min  
Delta R.T.: 0.003 min  
Response: 5978682  
Conc: 47.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



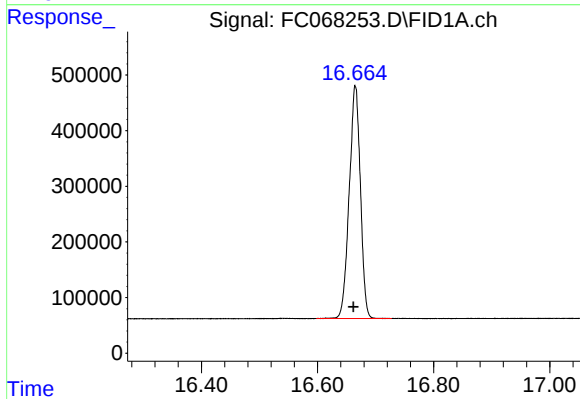
#14 n-Tetracosane (C24)

R.T.: 14.700 min  
Delta R.T.: 0.004 min  
Response: 5893630  
Conc: 47.33 ug/ml



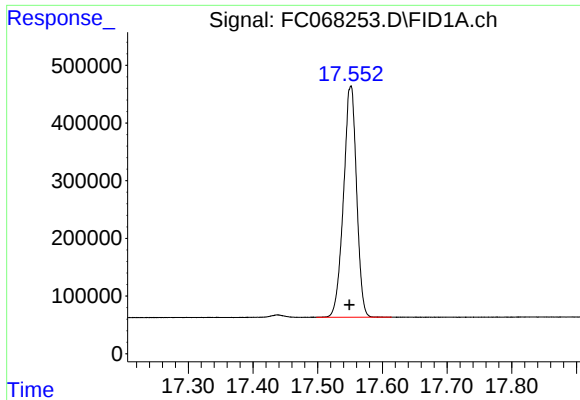
#15 n-Hexacosane (C26)

R.T.: 15.718 min  
Delta R.T.: 0.004 min  
Response: 5756725  
Conc: 47.22 ug/ml



#16 n-Octacosane (C28)

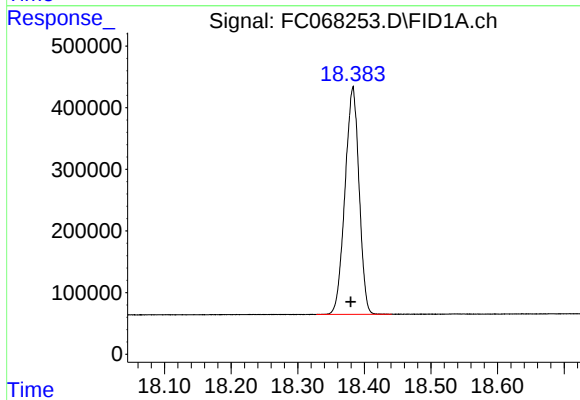
R.T.: 16.665 min  
Delta R.T.: 0.003 min  
Response: 5605157  
Conc: 47.07 ug/ml



#17 n-Tricontane (C30)

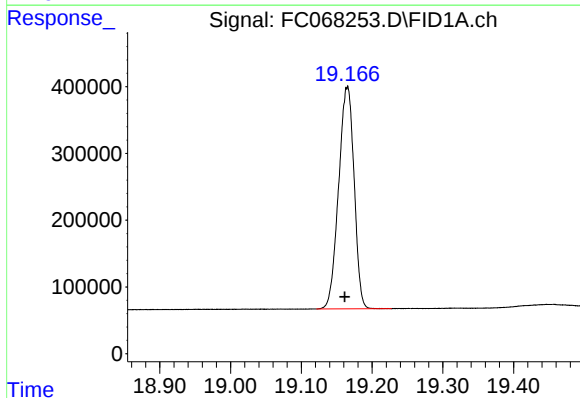
R.T.: 17.551 min  
Delta R.T.: 0.002 min  
Response: 5630196  
Conc: 46.92 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



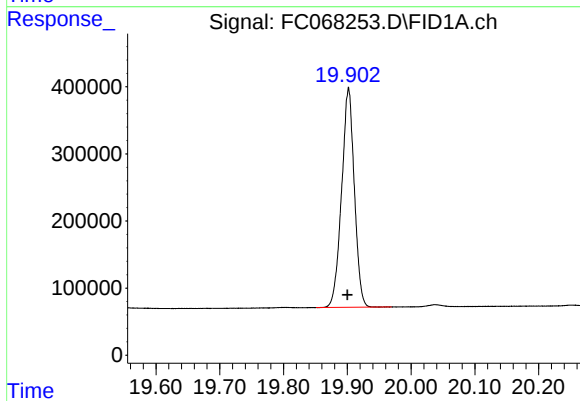
#18 n-Dotriacontane (C32)

R.T.: 18.383 min  
Delta R.T.: 0.003 min  
Response: 5417986  
Conc: 46.88 ug/ml



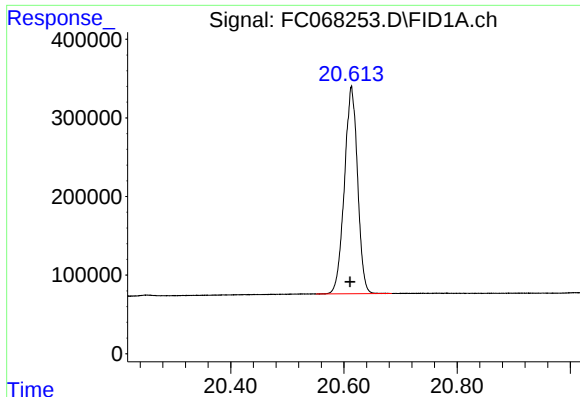
#19 n-Tetratriacontane (C34)

R.T.: 19.165 min  
Delta R.T.: 0.004 min  
Response: 5059593  
Conc: 46.97 ug/ml



#20 n-Hexatriacontane (C36)

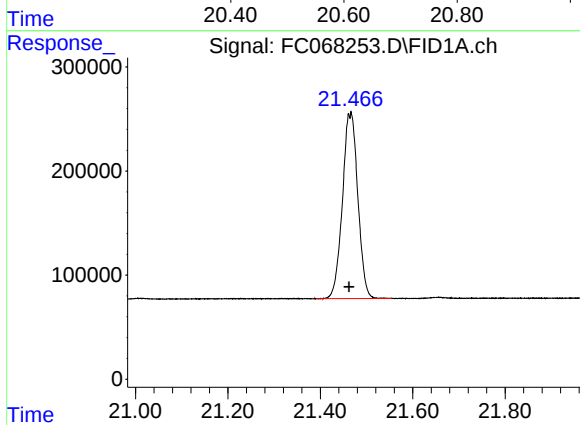
R.T.: 19.902 min  
Delta R.T.: 0.002 min  
Response: 4533198  
Conc: 47.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.614 min  
Delta R.T.: 0.003 min  
Response: 4246406  
Conc: 47.07 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.465 min  
Delta R.T.: 0.002 min  
Response: 4122486  
Conc: 47.57 ug/ml