

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG093024AL\  
 Data File : FG014361.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Sep 2024 20:44  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 01 09:29:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 01 09:26:57 2024  
 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)    | 11.808 | 2558199    | 18.627 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.25%       |
| 12) S 1-chlorooctadecane (S... | 13.255 | 1879812    | 18.971 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.94%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.189  | 2318857    | 18.594 ug/ml |
| 2) T n-Decane (C10)            | 4.439  | 2353079    | 18.567 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.138  | 2318857    | 18.793 ug/ml |
| 4) T n-Dodecane (C12)          | 6.610  | 2332752    | 18.651 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.237  | 2023228    | 19.082 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.441  | 2294960    | 19.276 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.053 | 2372049    | 18.841 ug/ml |
| 8) T n-Octadecane (C18)        | 11.499 | 2436951    | 18.860 ug/ml |
| 10) T n-Eicosane (C20)         | 12.811 | 2338423    | 18.866 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.425 | 2281931    | 18.786 ug/ml |
| 13) T n-Docosane (C22)         | 14.013 | 2318864    | 19.260 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.118 | 2392649    | 19.868 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.142 | 2405491    | 20.405 ug/ml |
| 16) T n-Octacosane (C28)       | 17.094 | 2418773    | 20.801 ug/ml |
| 17) T n-Tricontane (C30)       | 17.984 | 2459037    | 20.583 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.818 | 2364657    | 20.484 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.603 | 1946481    | 19.477 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.346 | 1637145    | 18.843 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.073 | 1443760    | 19.002 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.963 | 1265434    | 19.115 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

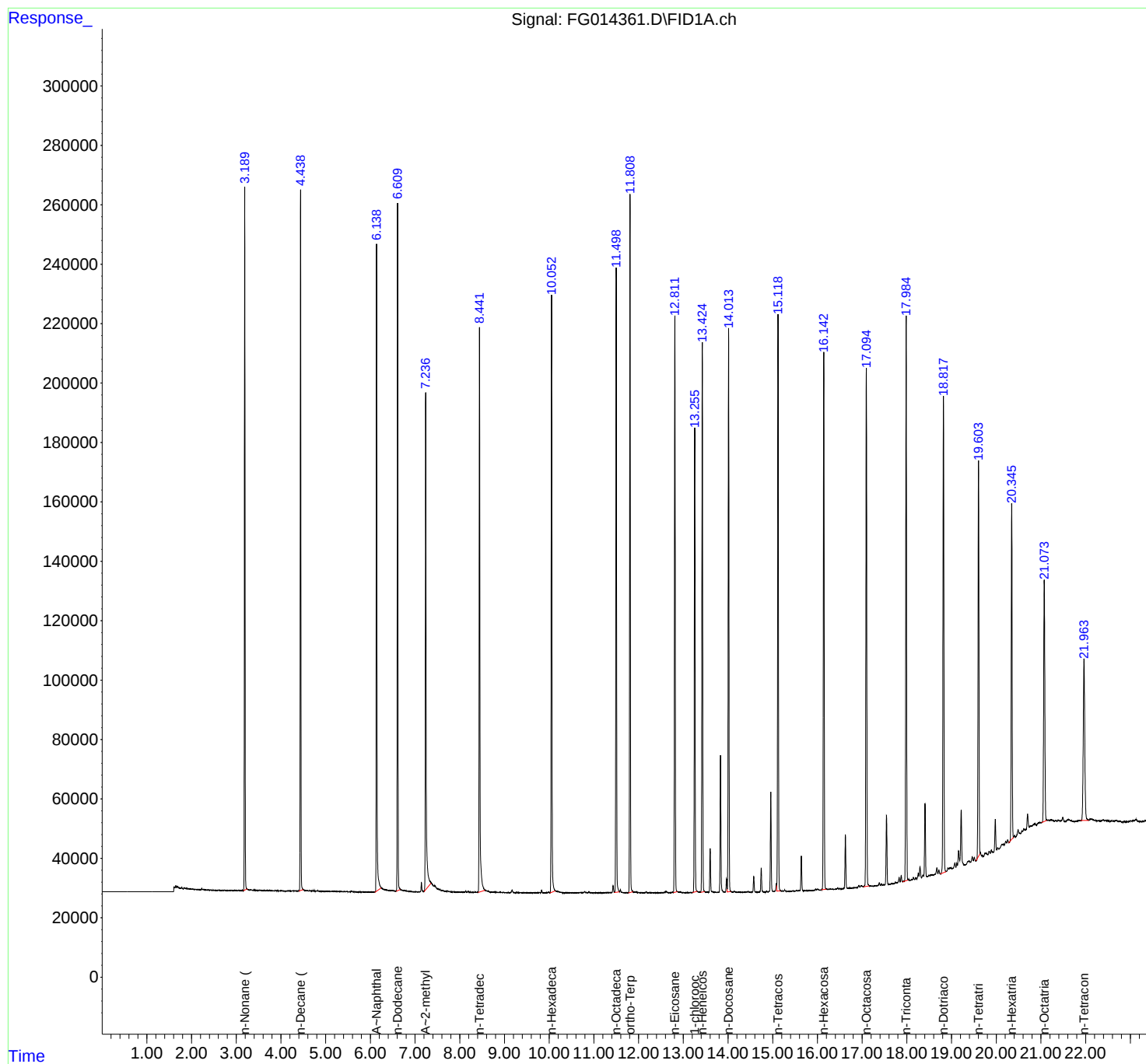
(m)=manual int.

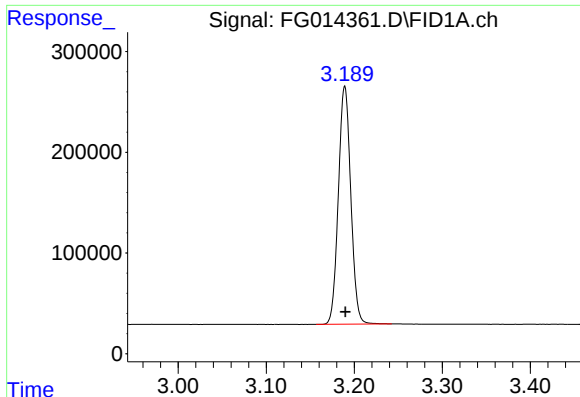
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG093024AL\  
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Signal(s) : FID1A.ch  
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Volume Inj. : 1 ul  
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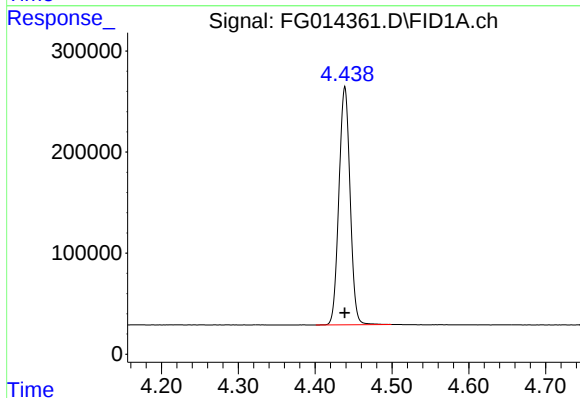




#1 n-Nonane (C9)

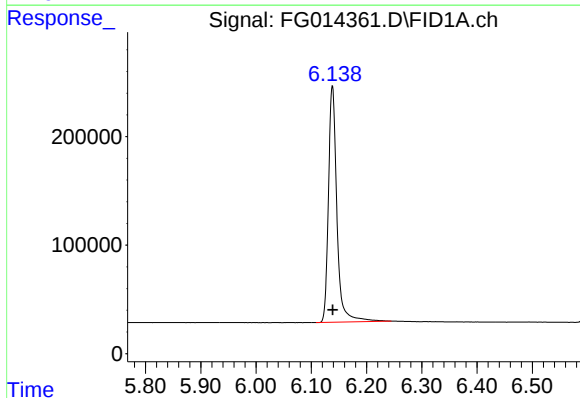
R.T.: 3.189 min  
Delta R.T.: 0.000 min  
Response: 2318857  
Conc: 18.59 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



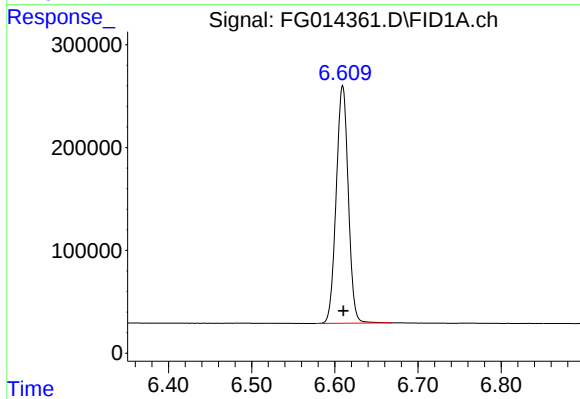
#2 n-Decane (C10)

R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 2353079  
Conc: 18.57 ug/ml



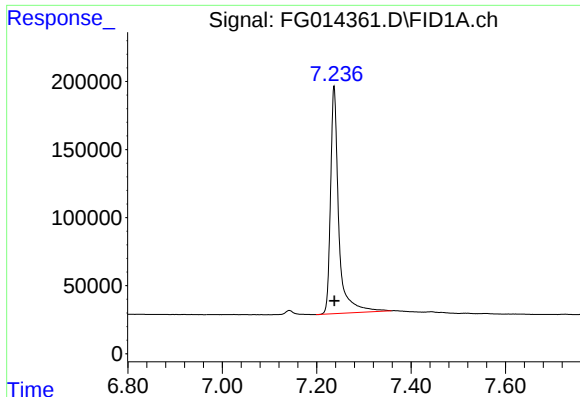
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min  
Delta R.T.: 0.000 min  
Response: 2318857  
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

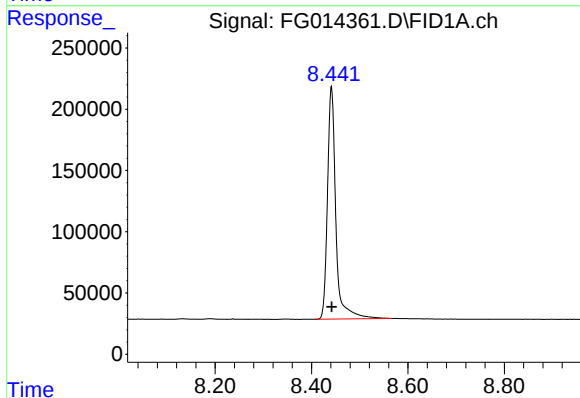
R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 2332752  
Conc: 18.65 ug/ml



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

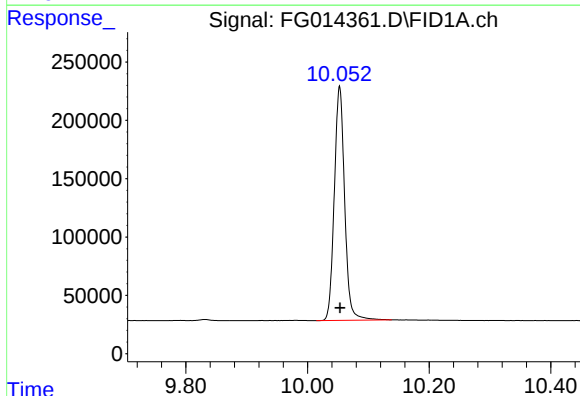
R.T.: 7.237 min  
Delta R.T.: 0.000 min  
Response: 2023228  
Conc: 19.08 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



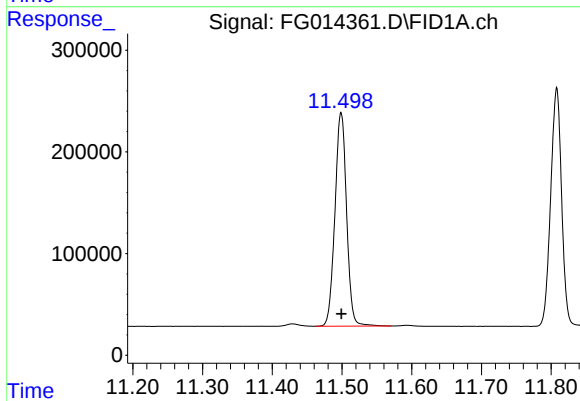
#6 n-Tetradecane (C14)

R.T.: 8.441 min  
Delta R.T.: 0.000 min  
Response: 2294960  
Conc: 19.28 ug/ml



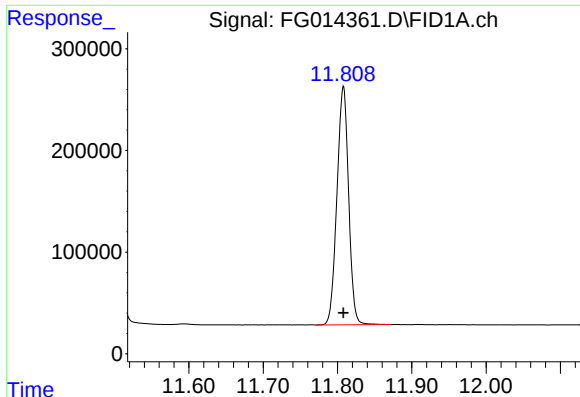
#7 n-Hexadecane (C16)

R.T.: 10.053 min  
Delta R.T.: 0.000 min  
Response: 2372049  
Conc: 18.84 ug/ml



#8 n-Octadecane (C18)

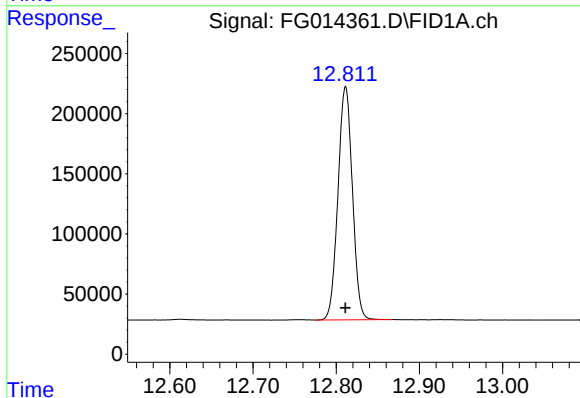
R.T.: 11.499 min  
Delta R.T.: 0.000 min  
Response: 2436951  
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

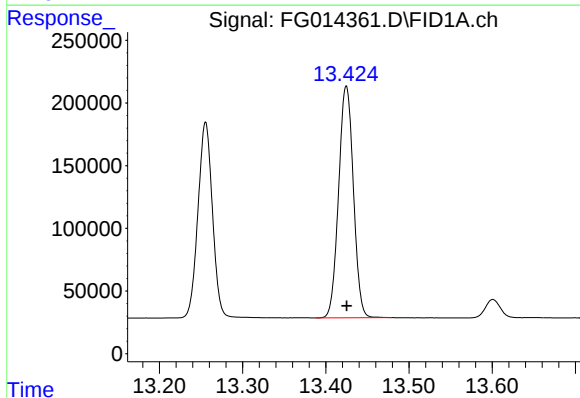
R.T.: 11.808 min  
Delta R.T.: 0.000 min  
Response: 2558199  
Conc: 18.63 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



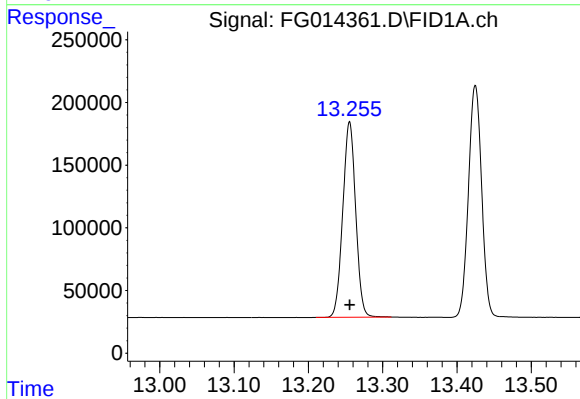
#10 n-Eicosane (C20)

R.T.: 12.811 min  
Delta R.T.: 0.000 min  
Response: 2338423  
Conc: 18.87 ug/ml



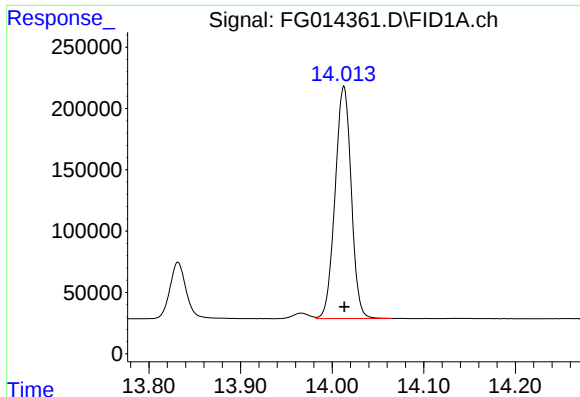
#11 n-Heneicosane (C21)

R.T.: 13.425 min  
Delta R.T.: 0.000 min  
Response: 2281931  
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

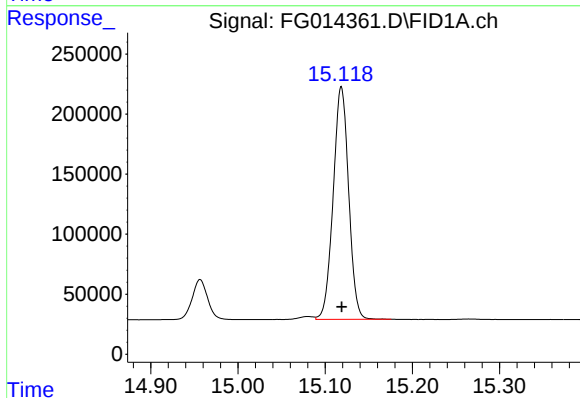
R.T.: 13.255 min  
Delta R.T.: 0.000 min  
Response: 1879812  
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

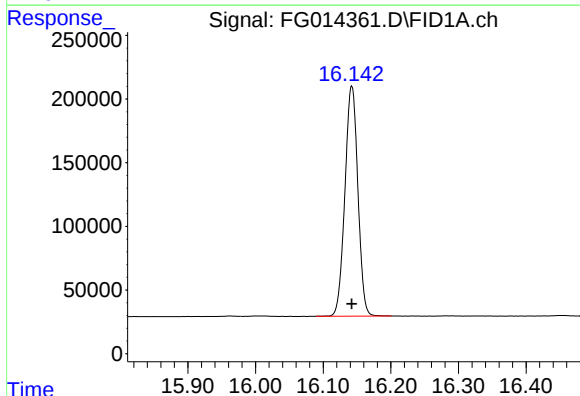
R.T.: 14.013 min  
Delta R.T.: 0.000 min  
Response: 2318864  
Conc: 19.26 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



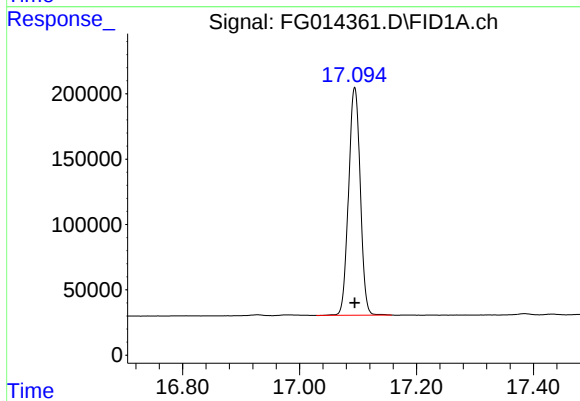
#14 n-Tetracosane (C24)

R.T.: 15.118 min  
Delta R.T.: 0.000 min  
Response: 2392649  
Conc: 19.87 ug/ml



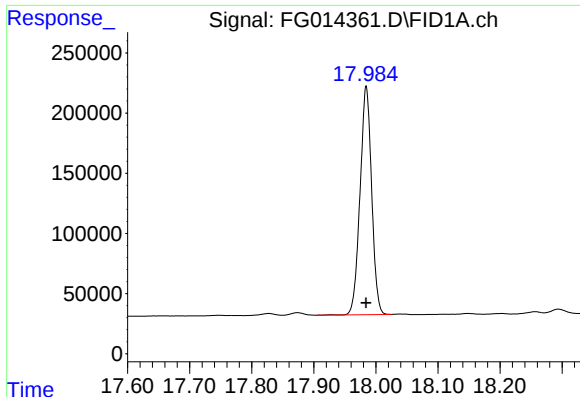
#15 n-Hexacosane (C26)

R.T.: 16.142 min  
Delta R.T.: 0.000 min  
Response: 2405491  
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

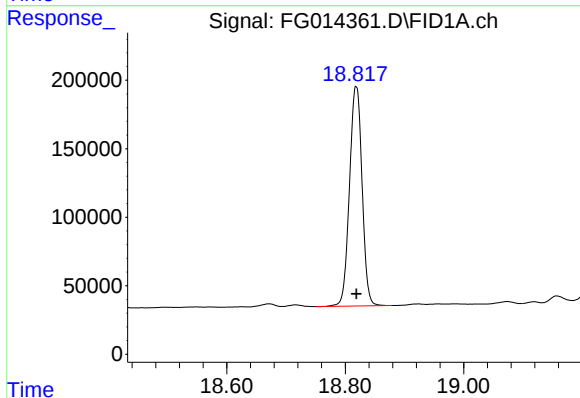
R.T.: 17.094 min  
Delta R.T.: 0.000 min  
Response: 2418773  
Conc: 20.80 ug/ml



#17 n-Tricontane (C30)

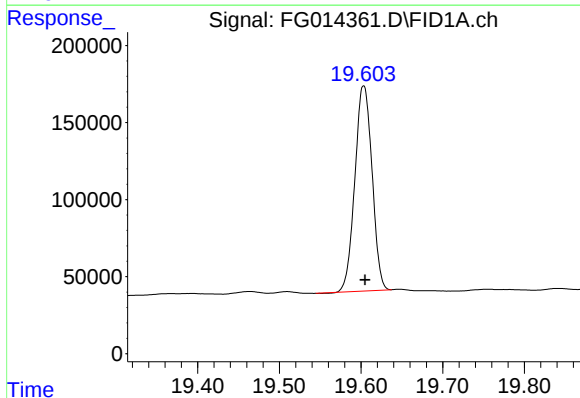
R.T.: 17.984 min  
Delta R.T.: 0.000 min  
Response: 2459037  
Conc: 20.58 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



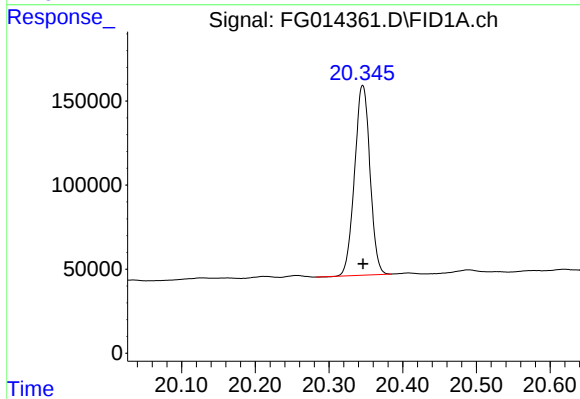
#18 n-Dotriacontane (C32)

R.T.: 18.818 min  
Delta R.T.: 0.000 min  
Response: 2364657  
Conc: 20.48 ug/ml



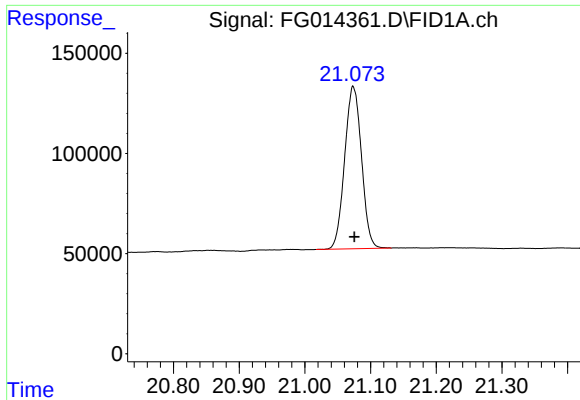
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min  
Delta R.T.: -0.002 min  
Response: 1946481  
Conc: 19.48 ug/ml



#20 n-Hexatriacontane (C36)

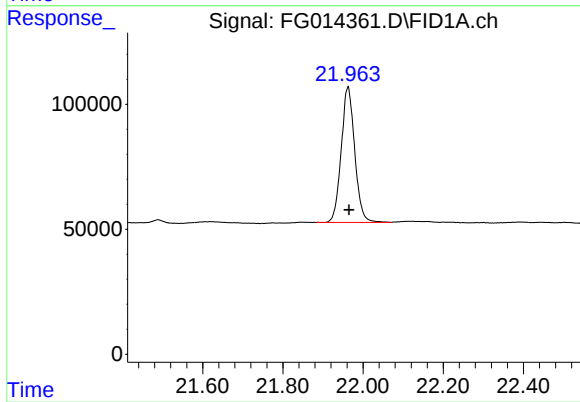
R.T.: 20.346 min  
Delta R.T.: 0.000 min  
Response: 1637145  
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min  
Delta R.T.: -0.002 min  
Response: 1443760  
Conc: 19.00 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.963 min  
Delta R.T.: -0.003 min  
Response: 1265434  
Conc: 19.11 ug/ml