

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE113023AL\  
 Data File : FECCC01.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Nov 2023 21:23  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 30 23:27:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 2023  
 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)    | 11.862 | 3856876    | 18.444 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.89%       |
| 12) S 1-chlorooctadecane (S... | 13.306 | 2887152    | 18.349 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.251  | 2953670    | 18.626 ug/ml |
| 2) T n-Decane (C10)            | 4.502  | 3050055    | 19.047 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.201  | 3320414    | 19.062 ug/ml |
| 4) T n-Dodecane (C12)          | 6.668  | 3095658    | 19.165 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.297  | 3269329    | 19.252 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.494  | 3082433    | 19.214 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.104 | 3172270    | 19.157 ug/ml |
| 8) T n-Octadecane (C18)        | 11.548 | 3236489    | 18.877 ug/ml |
| 10) T n-Eicosane (C20)         | 12.860 | 3198259    | 18.485 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.473 | 3141297    | 18.260 ug/ml |
| 13) T n-Docosane (C22)         | 14.061 | 3175252    | 18.416 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.166 | 3213066    | 18.405 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.188 | 3189120    | 18.312 ug/ml |
| 16) T n-Octacosane (C28)       | 17.141 | 3167642    | 18.328 ug/ml |
| 17) T n-Tricontane (C30)       | 18.030 | 3161379    | 18.070 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.866 | 3133355    | 17.175 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.651 | 2915105    | 17.568 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.392 | 2591863    | 16.328 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.125 | 2815368    | 17.953 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.032 | 3644113    | 25.642 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

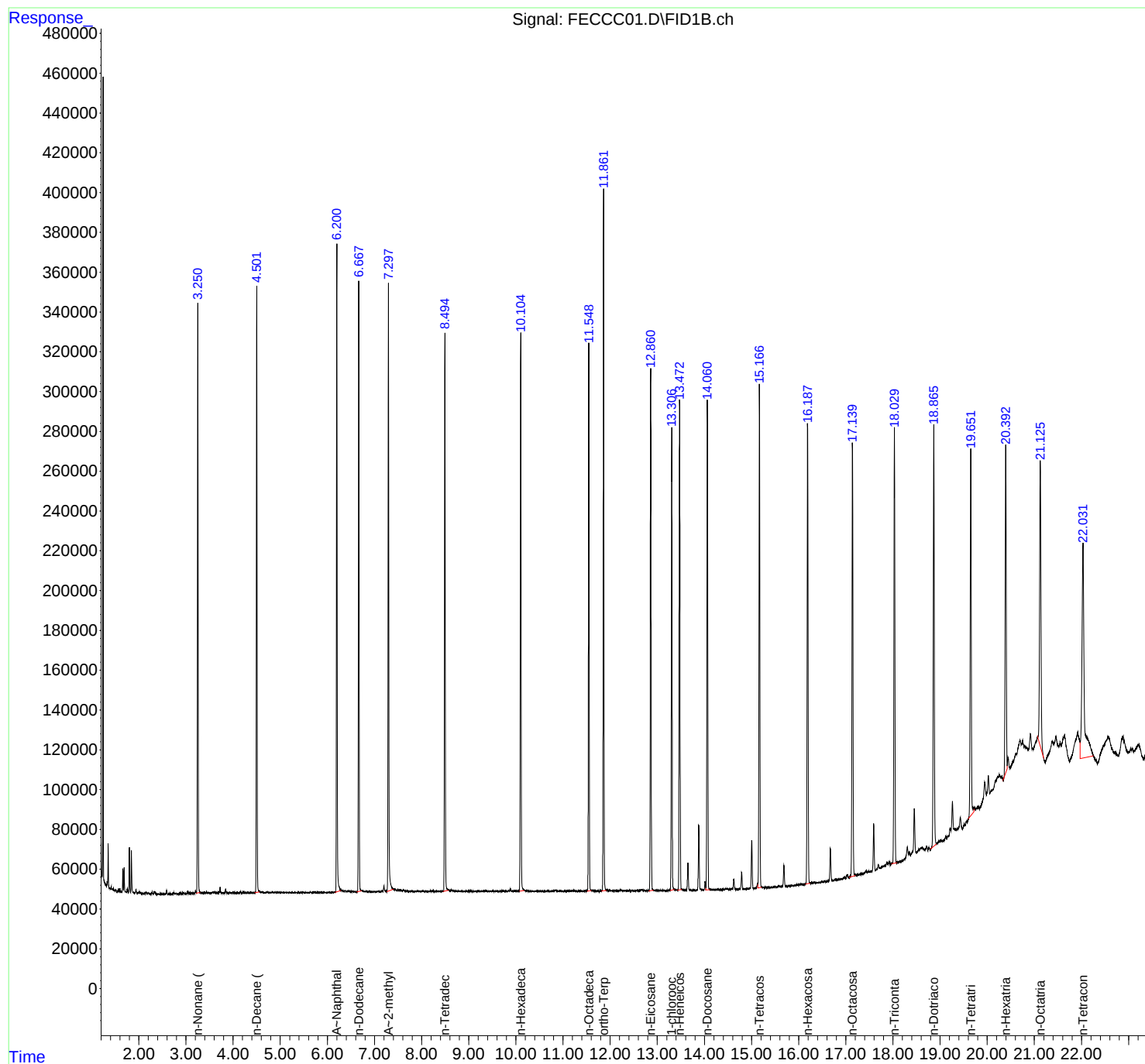
(m)=manual int.

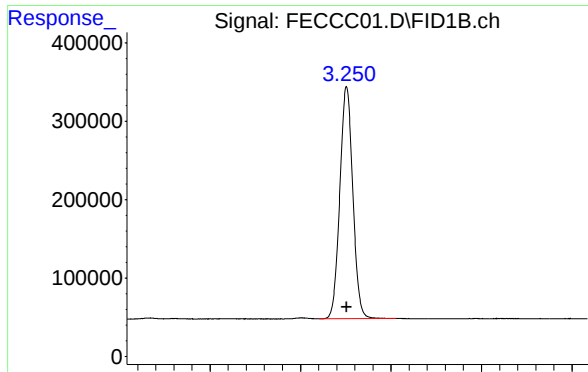
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE113023AL\  
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Signal(s) : FID1B.ch  
Acq On : 30 Nov 2023 21:23  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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ALS Vial : 3 Sample Multiplier: 1

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Integration File: autoint1.e  
Quant Time: Nov 30 23:27:39 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 30 12:25:07 2023  
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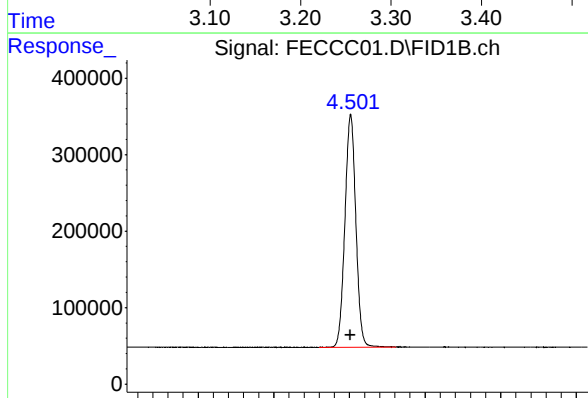




#1 n-Nonane (C9)

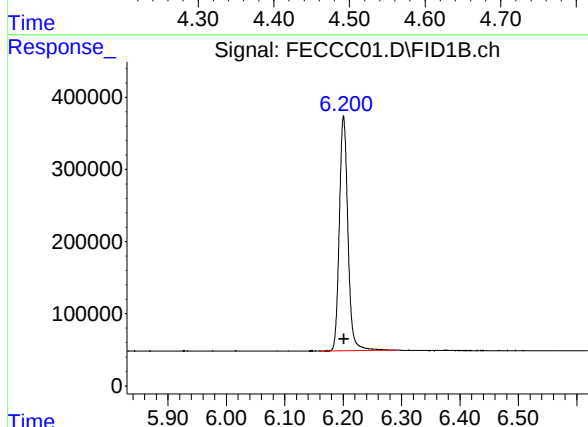
R.T.: 3.251 min  
Delta R.T.: 0.000 min  
Response: 2953670  
Conc: 18.63 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



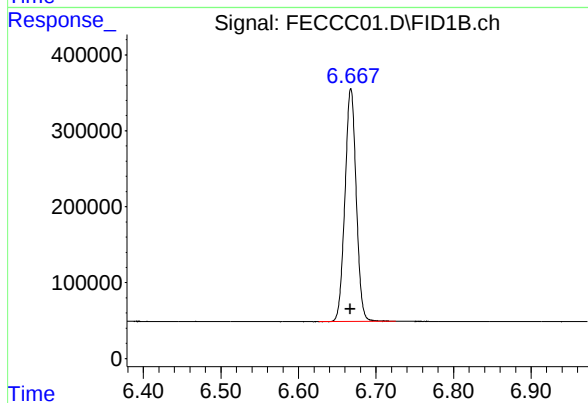
#2 n-Decane (C10)

R.T.: 4.502 min  
Delta R.T.: 0.000 min  
Response: 3050055  
Conc: 19.05 ug/ml



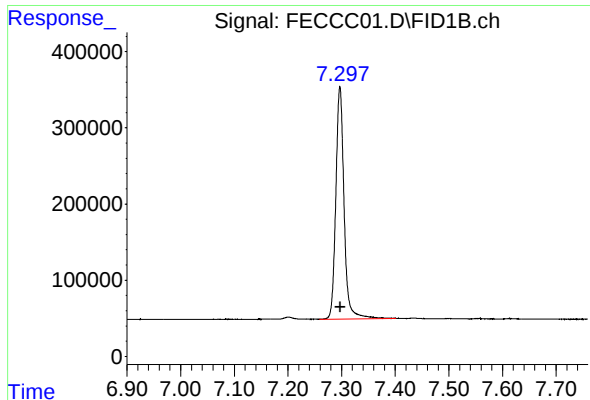
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 3320414  
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

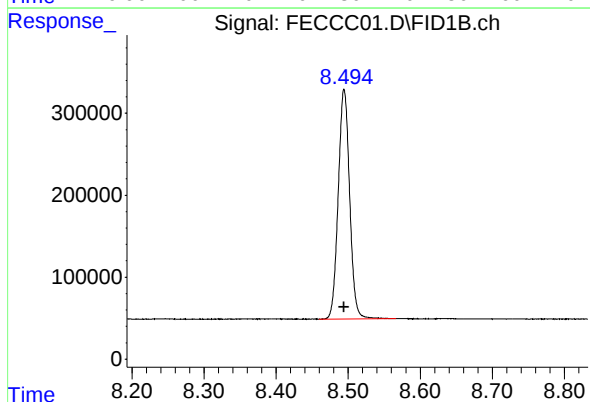
R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 3095658  
Conc: 19.16 ug/ml



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

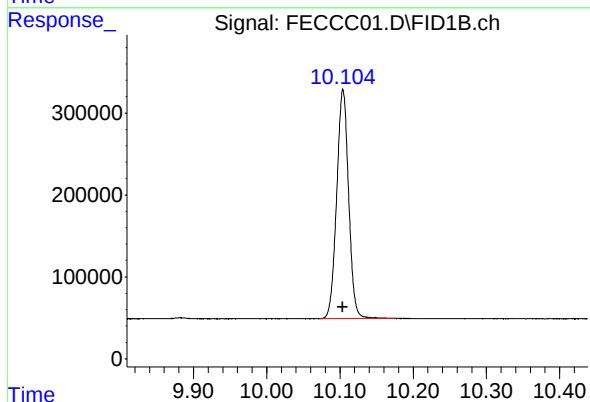
R.T.: 7.297 min  
Delta R.T.: 0.000 min  
Response: 3269329  
Conc: 19.25 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



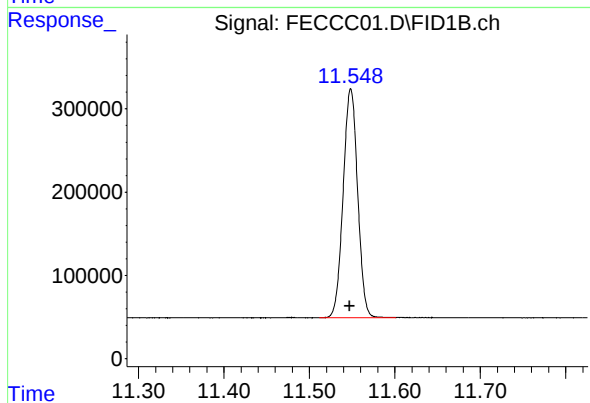
#6 n-Tetradecane (C14)

R.T.: 8.494 min  
Delta R.T.: 0.000 min  
Response: 3082433  
Conc: 19.21 ug/ml



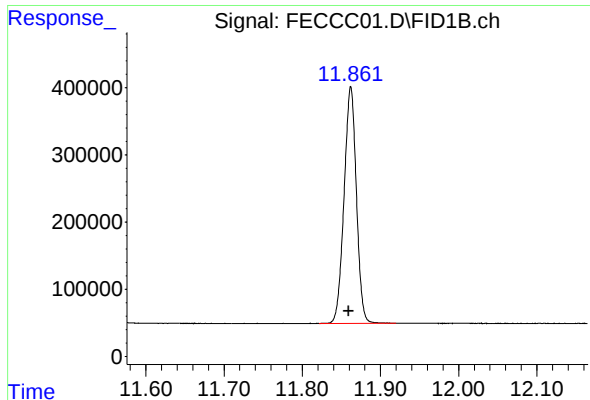
#7 n-Hexadecane (C16)

R.T.: 10.104 min  
Delta R.T.: 0.000 min  
Response: 3172270  
Conc: 19.16 ug/ml



#8 n-Octadecane (C18)

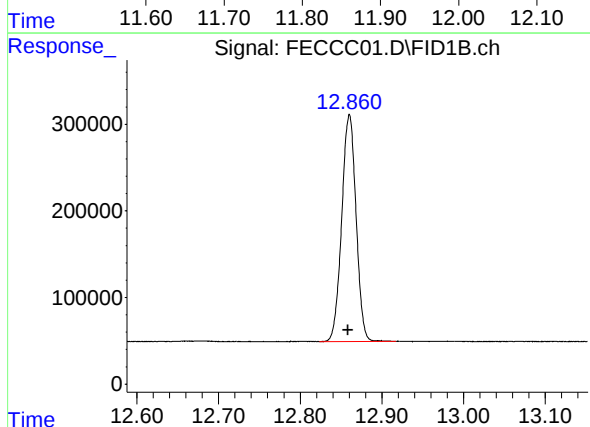
R.T.: 11.548 min  
Delta R.T.: 0.001 min  
Response: 3236489  
Conc: 18.88 ug/ml



#9 ortho-Terphenyl (SURR)

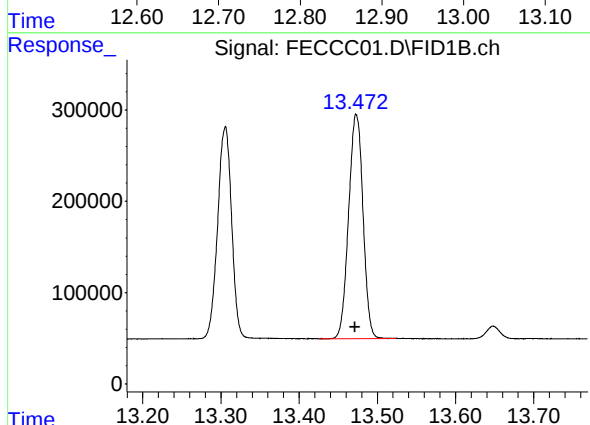
R.T.: 11.862 min  
Delta R.T.: 0.003 min  
Response: 3856876  
Conc: 18.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



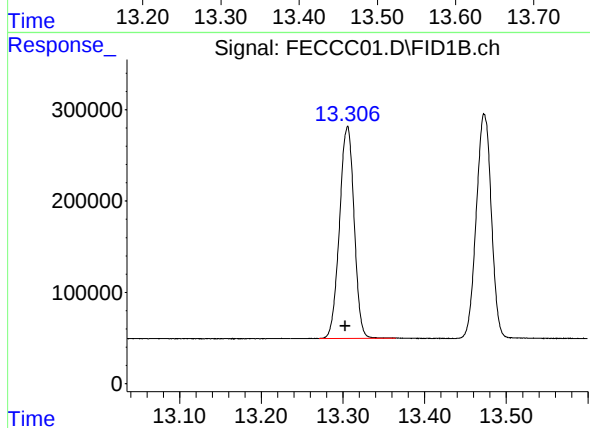
#10 n-Eicosane (C20)

R.T.: 12.860 min  
Delta R.T.: 0.002 min  
Response: 3198259  
Conc: 18.48 ug/ml



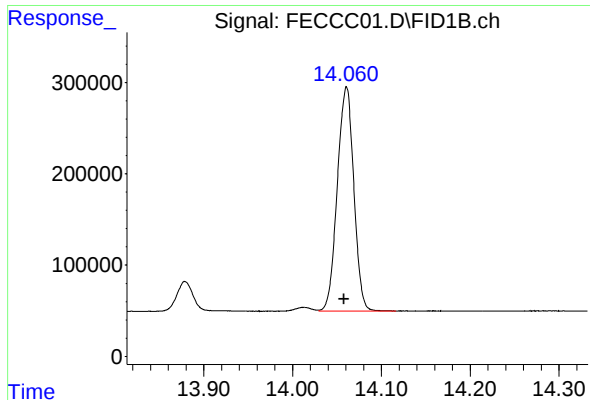
#11 n-Heneicosane (C21)

R.T.: 13.473 min  
Delta R.T.: 0.002 min  
Response: 3141297  
Conc: 18.26 ug/ml



#12 1-chlorooctadecane (SURR)

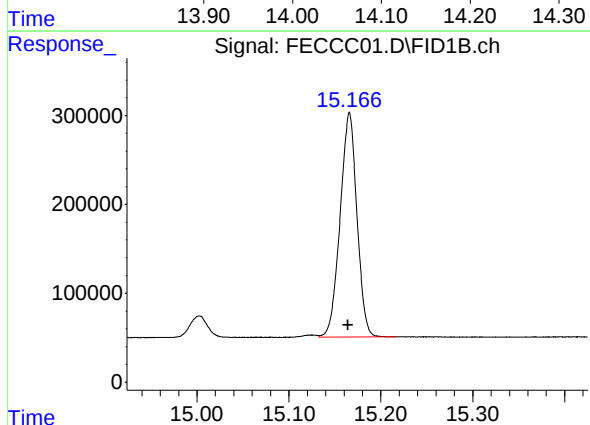
R.T.: 13.306 min  
Delta R.T.: 0.003 min  
Response: 2887152  
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

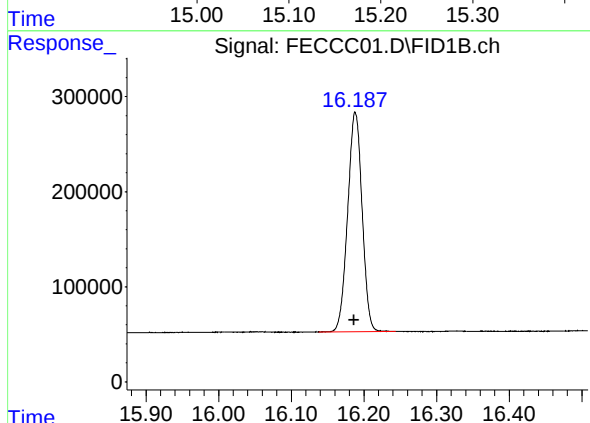
R.T.: 14.061 min  
Delta R.T.: 0.003 min  
Response: 3175252  
Conc: 18.42 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



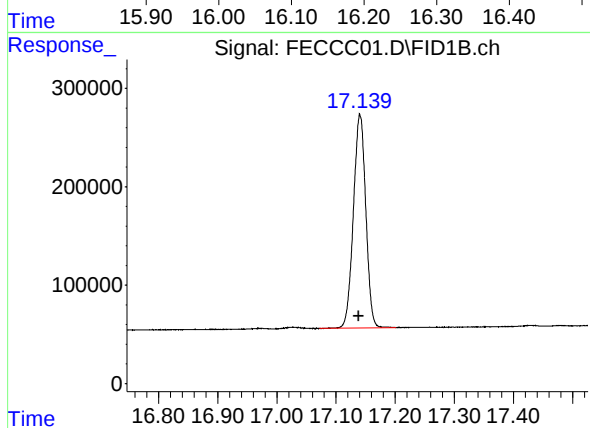
#14 n-Tetracosane (C24)

R.T.: 15.166 min  
Delta R.T.: 0.002 min  
Response: 3213066  
Conc: 18.40 ug/ml



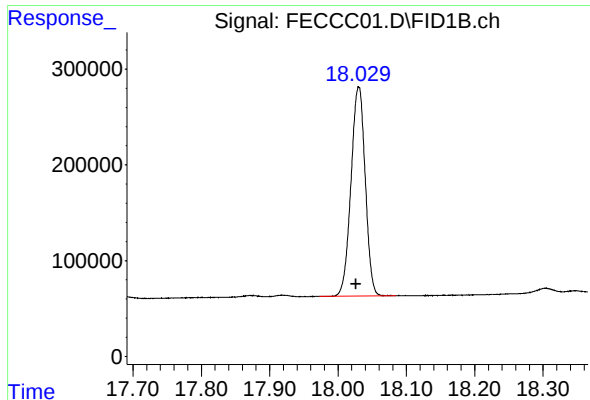
#15 n-Hexacosane (C26)

R.T.: 16.188 min  
Delta R.T.: 0.002 min  
Response: 3189120  
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

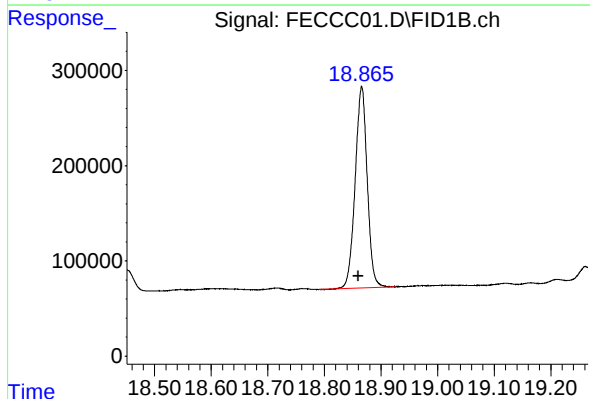
R.T.: 17.141 min  
Delta R.T.: 0.002 min  
Response: 3167642  
Conc: 18.33 ug/ml



#17 n-Tricontane (C30)

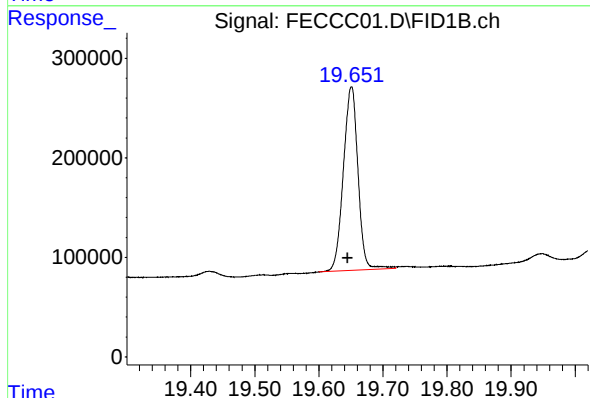
R.T.: 18.030 min  
Delta R.T.: 0.004 min  
Response: 3161379  
Conc: 18.07 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



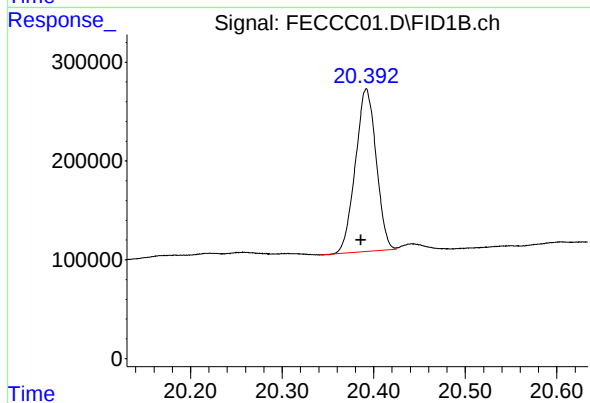
#18 n-Dotriacontane (C32)

R.T.: 18.866 min  
Delta R.T.: 0.006 min  
Response: 3133355  
Conc: 17.18 ug/ml



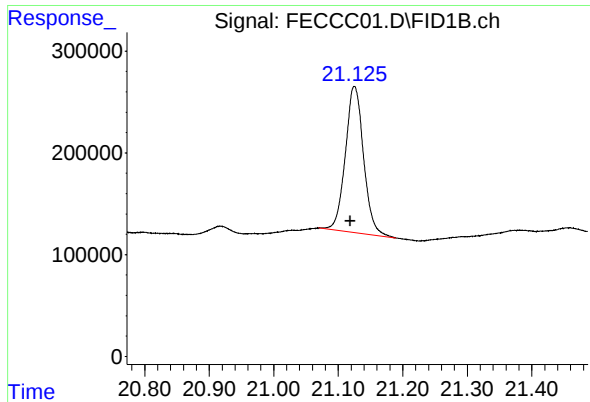
#19 n-Tetatriacontane (C34)

R.T.: 19.651 min  
Delta R.T.: 0.006 min  
Response: 2915105  
Conc: 17.57 ug/ml



#20 n-Hexatriacontane (C36)

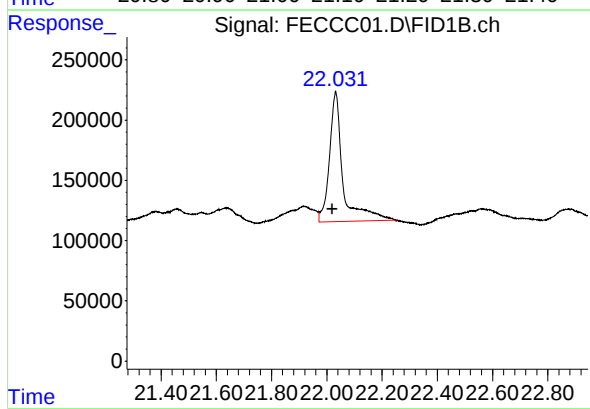
R.T.: 20.392 min  
Delta R.T.: 0.006 min  
Response: 2591863  
Conc: 16.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min  
Delta R.T.: 0.006 min  
Response: 2815368  
Conc: 17.95 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.032 min  
Delta R.T.: 0.013 min  
Response: 3644113  
Conc: 25.64 ug/ml