

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE123024AL\  
 Data File : FECCC01.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Dec 2024 14:22  
 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: Dec 31 02:53:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 30 09:52:06 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)    | 12.047 | 2934768    | 19.376 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.75%       |
| 12) S 1-chlorooctadecane (S... | 13.469 | 2258413    | 19.413 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.83%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.499  | 2226442    | 19.196 ug/ml |
| 2) T n-Decane (C10)            | 4.734  | 2322564    | 19.302 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.428  | 2689798    | 19.352 ug/ml |
| 4) T n-Dodecane (C12)          | 6.875  | 2426763    | 19.315 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.513  | 2649519    | 19.356 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.690  | 2490049    | 19.364 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.288 | 2641659    | 19.412 ug/ml |
| 8) T n-Octadecane (C18)        | 11.722 | 2719752    | 19.424 ug/ml |
| 10) T n-Eicosane (C20)         | 13.025 | 2635991    | 19.476 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.634 | 2585741    | 19.411 ug/ml |
| 13) T n-Docosane (C22)         | 14.217 | 2592565    | 19.640 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.314 | 2627508    | 20.249 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.329 | 2568983    | 20.455 ug/ml |
| 16) T n-Octacosane (C28)       | 17.275 | 2514224    | 20.826 ug/ml |
| 17) T n-Tricontane (C30)       | 18.158 | 2504340    | 20.809 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.986 | 2357548    | 20.600 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.766 | 2018025    | 20.008 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.501 | 1814366    | 20.356 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.254 | 1701682    | 19.819 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.201 | 1785263    | 20.242 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

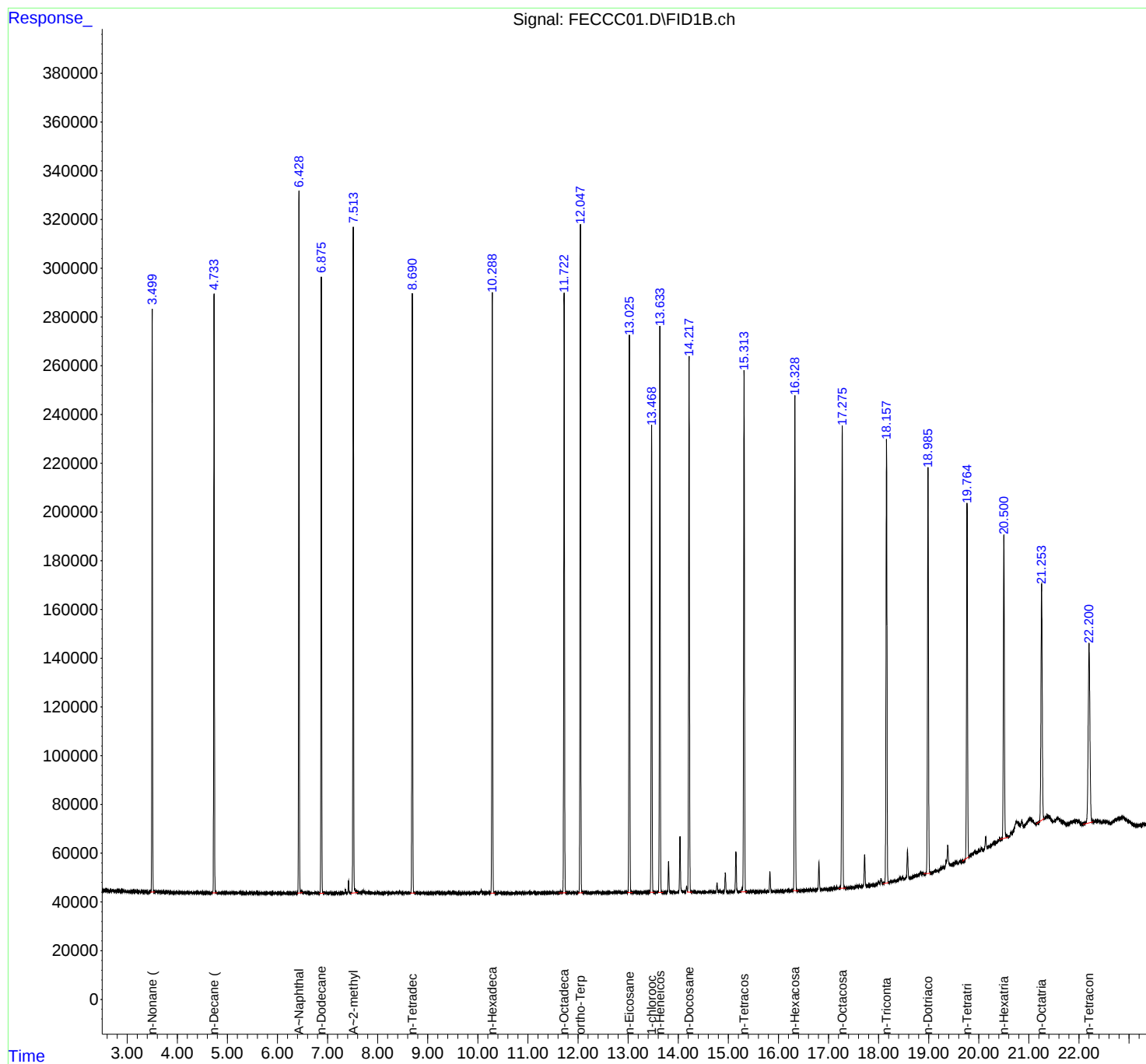
(m)=manual int.

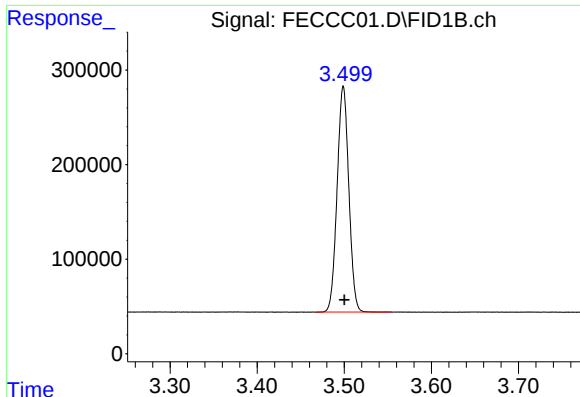
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE123024AL\  
Data File : FECCC01.D  
Signal(s) : FID1B.ch  
Acq On : 30 Dec 2024 14:22  
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Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122724.M  
Quant Title : GC Extractables  
QLast Update : Mon Dec 30 09:52:06 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

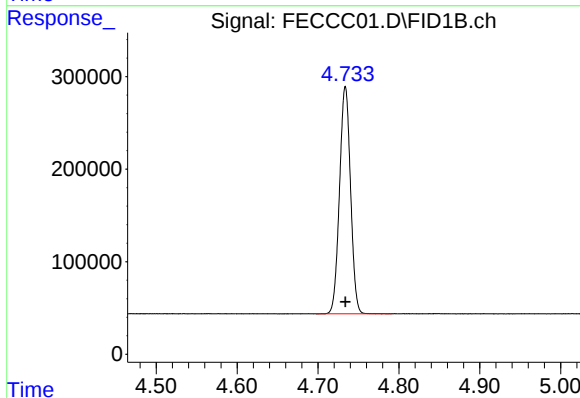




#1 n-Nonane (C9)

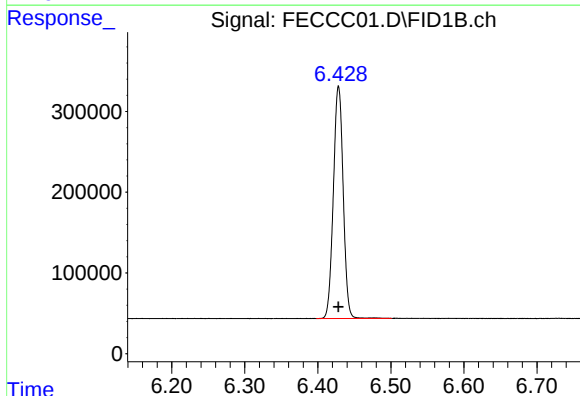
R.T.: 3.499 min  
Delta R.T.: -0.001 min  
Response: 2226442  
Conc: 19.20 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



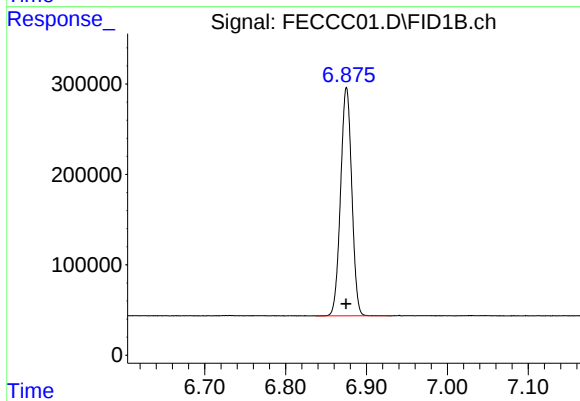
#2 n-Decane (C10)

R.T.: 4.734 min  
Delta R.T.: 0.000 min  
Response: 2322564  
Conc: 19.30 ug/ml



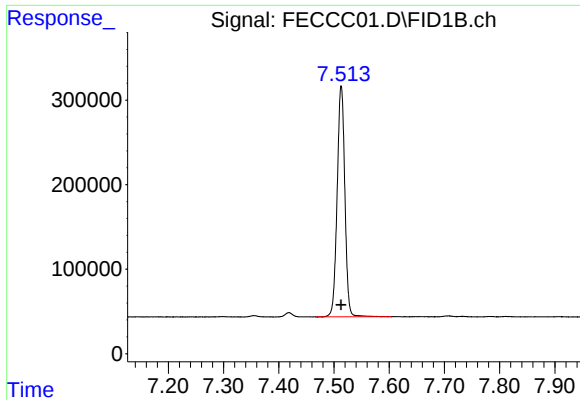
#3 A~Naphthalene (C11.7)

R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 2689798  
Conc: 19.35 ug/ml



#4 n-Dodecane (C12)

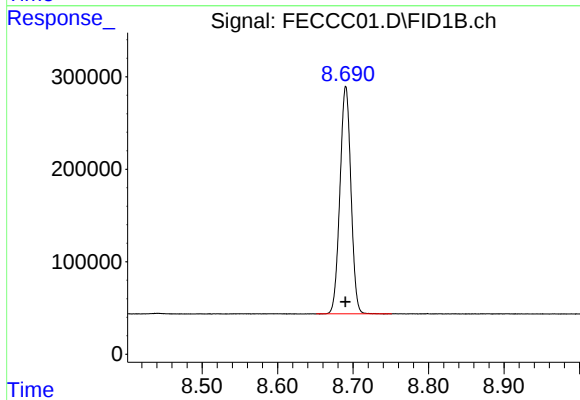
R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 2426763  
Conc: 19.32 ug/ml



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

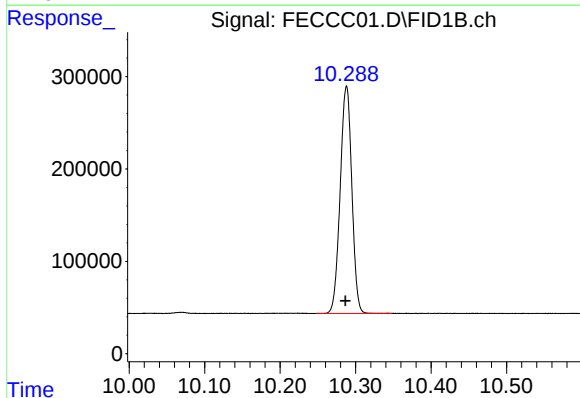
R.T.: 7.513 min  
Delta R.T.: 0.000 min  
Response: 2649519  
Conc: 19.36 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



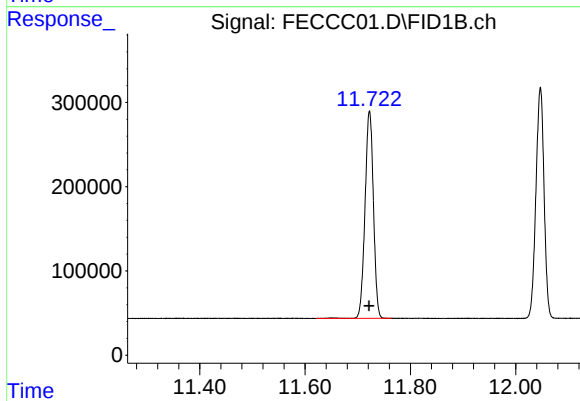
#6 n-Tetradecane (C14)

R.T.: 8.690 min  
Delta R.T.: 0.000 min  
Response: 2490049  
Conc: 19.36 ug/ml



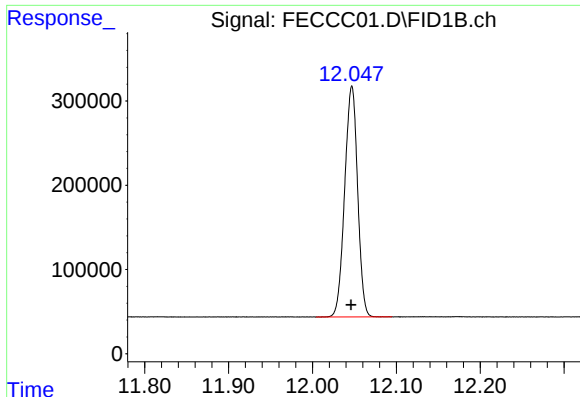
#7 n-Hexadecane (C16)

R.T.: 10.288 min  
Delta R.T.: 0.001 min  
Response: 2641659  
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

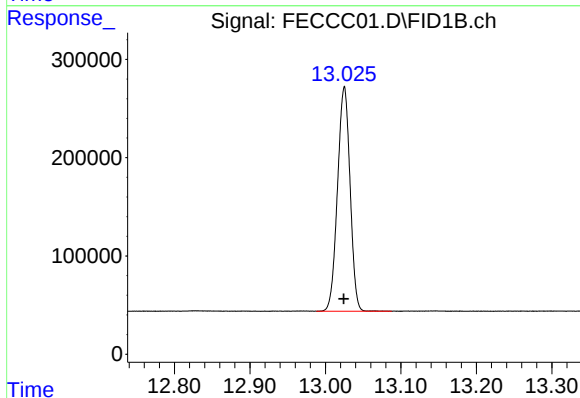
R.T.: 11.722 min  
Delta R.T.: 0.001 min  
Response: 2719752  
Conc: 19.42 ug/ml



#9 ortho-Terphenyl (SURR)

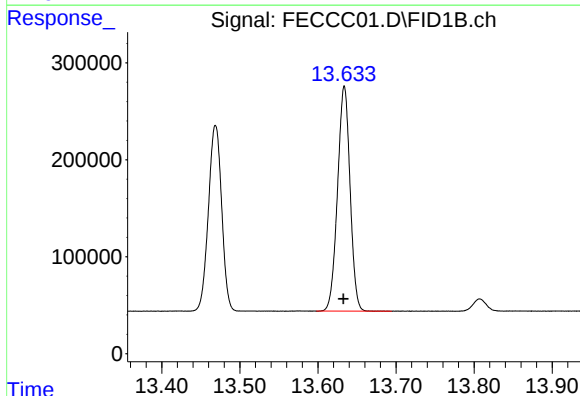
R.T.: 12.047 min  
Delta R.T.: 0.000 min  
Response: 2934768  
Conc: 19.38 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



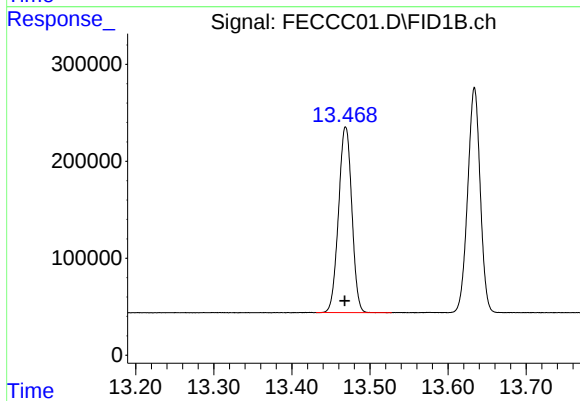
#10 n-Eicosane (C20)

R.T.: 13.025 min  
Delta R.T.: 0.000 min  
Response: 2635991  
Conc: 19.48 ug/ml



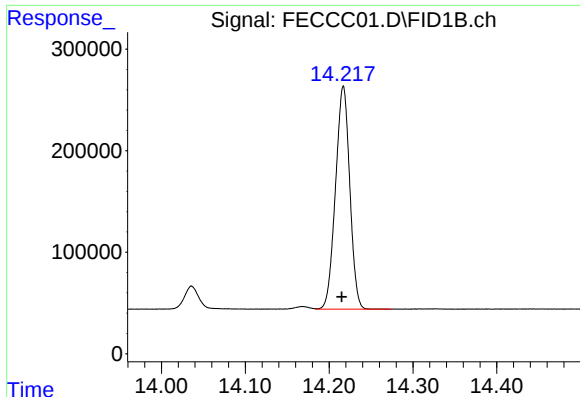
#11 n-Heneicosane (C21)

R.T.: 13.634 min  
Delta R.T.: 0.001 min  
Response: 2585741  
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

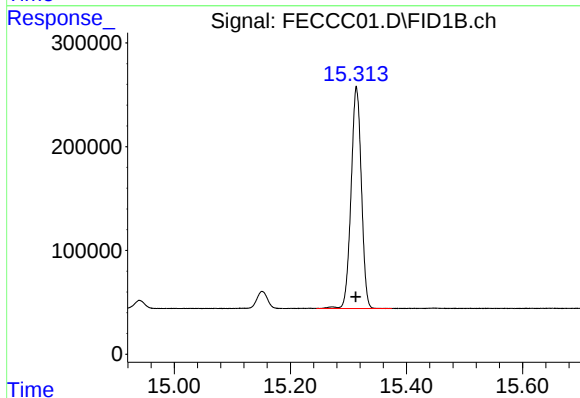
R.T.: 13.469 min  
Delta R.T.: 0.001 min  
Response: 2258413  
Conc: 19.41 ug/ml



#13 n-Docosane (C22)

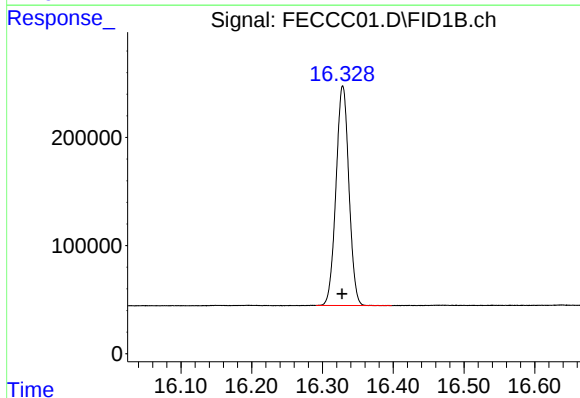
R.T.: 14.217 min  
Delta R.T.: 0.002 min  
Response: 2592565  
Conc: 19.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



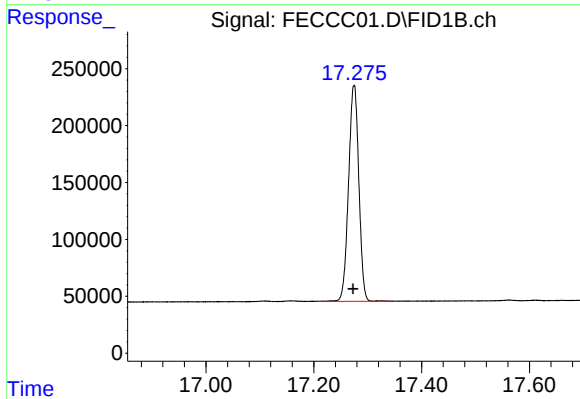
#14 n-Tetracosane (C24)

R.T.: 15.314 min  
Delta R.T.: 0.001 min  
Response: 2627508  
Conc: 20.25 ug/ml



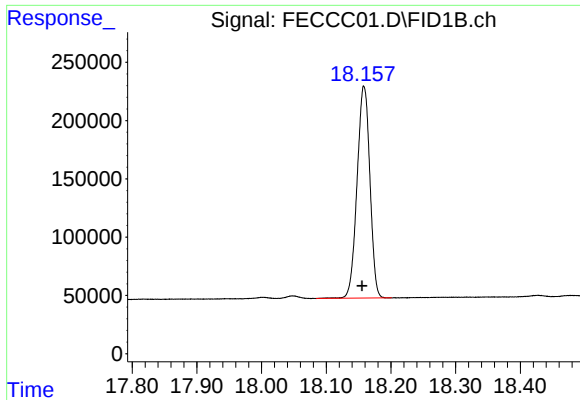
#15 n-Hexacosane (C26)

R.T.: 16.329 min  
Delta R.T.: 0.001 min  
Response: 2568983  
Conc: 20.45 ug/ml



#16 n-Octacosane (C28)

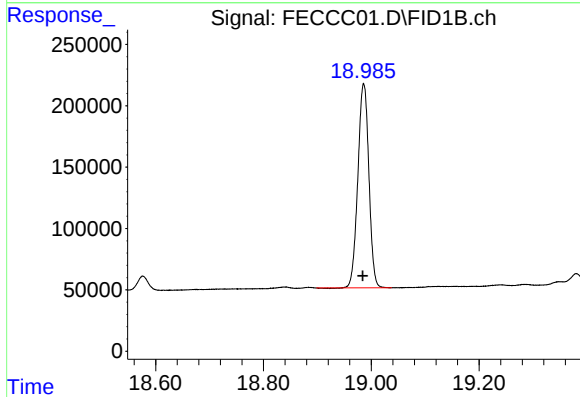
R.T.: 17.275 min  
Delta R.T.: 0.002 min  
Response: 2514224  
Conc: 20.83 ug/ml



#17 n-Tricontane (C30)

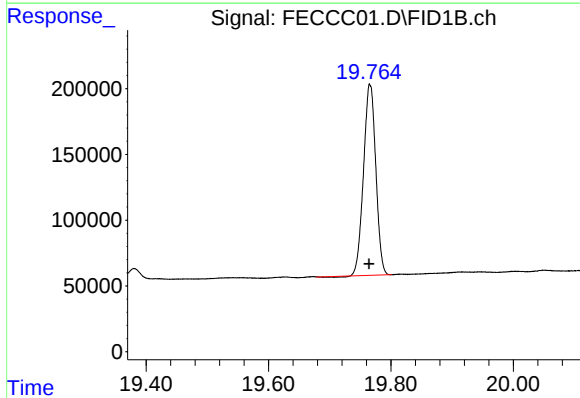
R.T.: 18.158 min  
Delta R.T.: 0.003 min  
Response: 2504340  
Conc: 20.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



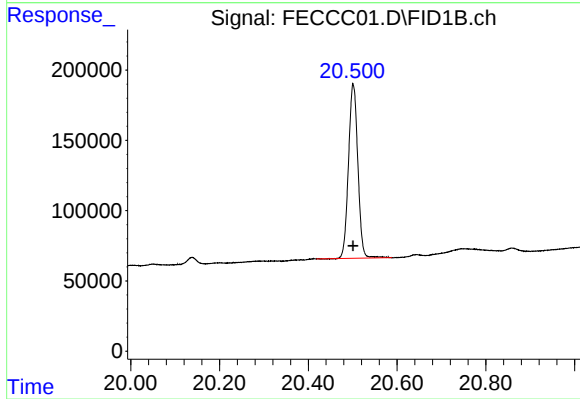
#18 n-Dotriacontane (C32)

R.T.: 18.986 min  
Delta R.T.: 0.002 min  
Response: 2357548  
Conc: 20.60 ug/ml



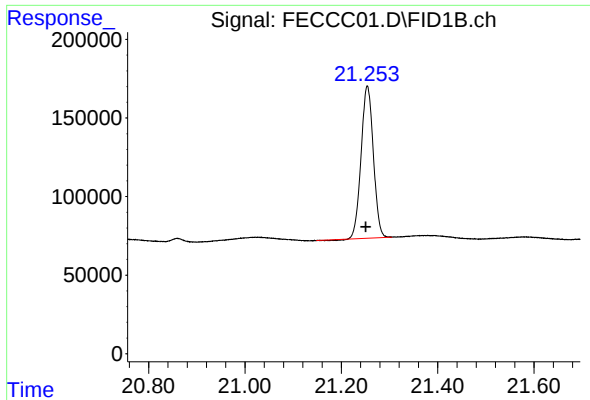
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min  
Delta R.T.: 0.002 min  
Response: 2018025  
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

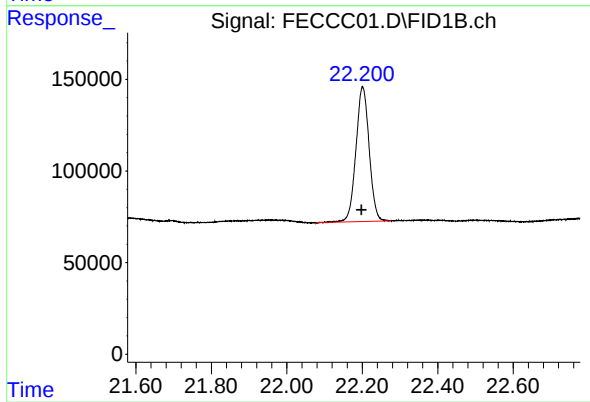
R.T.: 20.501 min  
Delta R.T.: 0.000 min  
Response: 1814366  
Conc: 20.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.254 min  
Delta R.T.: 0.003 min  
Response: 1701682  
Conc: 19.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.201 min  
Delta R.T.: 0.003 min  
Response: 1785263  
Conc: 20.24 ug/ml