

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022125AL\  
 Data File : FE052435.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Feb 2025 11:35  
 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: Feb 21 22:03:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 021325.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Feb 14 00:50:00 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)    | 11.915 | 3368561    | 18.020 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.04%       |
| 12) S 1-chlorooctadecane (S... | 13.360 | 2494795    | 17.949 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.90%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.254  | 3078464    | 20.055 ug/ml |
| 2) T n-Decane (C10)            | 4.515  | 3129156    | 20.034 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.228  | 3455449    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.698  | 3111234    | 19.711 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.331  | 3323618    | 19.789 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.535  | 3021213    | 19.181 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.150 | 3071024    | 18.790 ug/ml |
| 8) T n-Octadecane (C18)        | 11.600 | 3054368    | 18.460 ug/ml |
| 10) T n-Eicosane (C20)         | 12.915 | 2903158    | 18.211 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.529 | 2846367    | 18.168 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 2815633    | 17.992 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.224 | 2783817    | 17.701 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.248 | 2724916    | 17.593 ug/ml |
| 16) T n-Octacosane (C28)       | 17.200 | 2664578    | 17.420 ug/ml |
| 17) T n-Tricontane (C30)       | 18.090 | 2681852    | 17.181 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.924 | 2584372    | 16.889 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.710 | 2299434    | 16.163 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.451 | 2043413    | 16.395 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.194 | 1999204    | 18.291 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.115 | 2024436    | 20.126 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

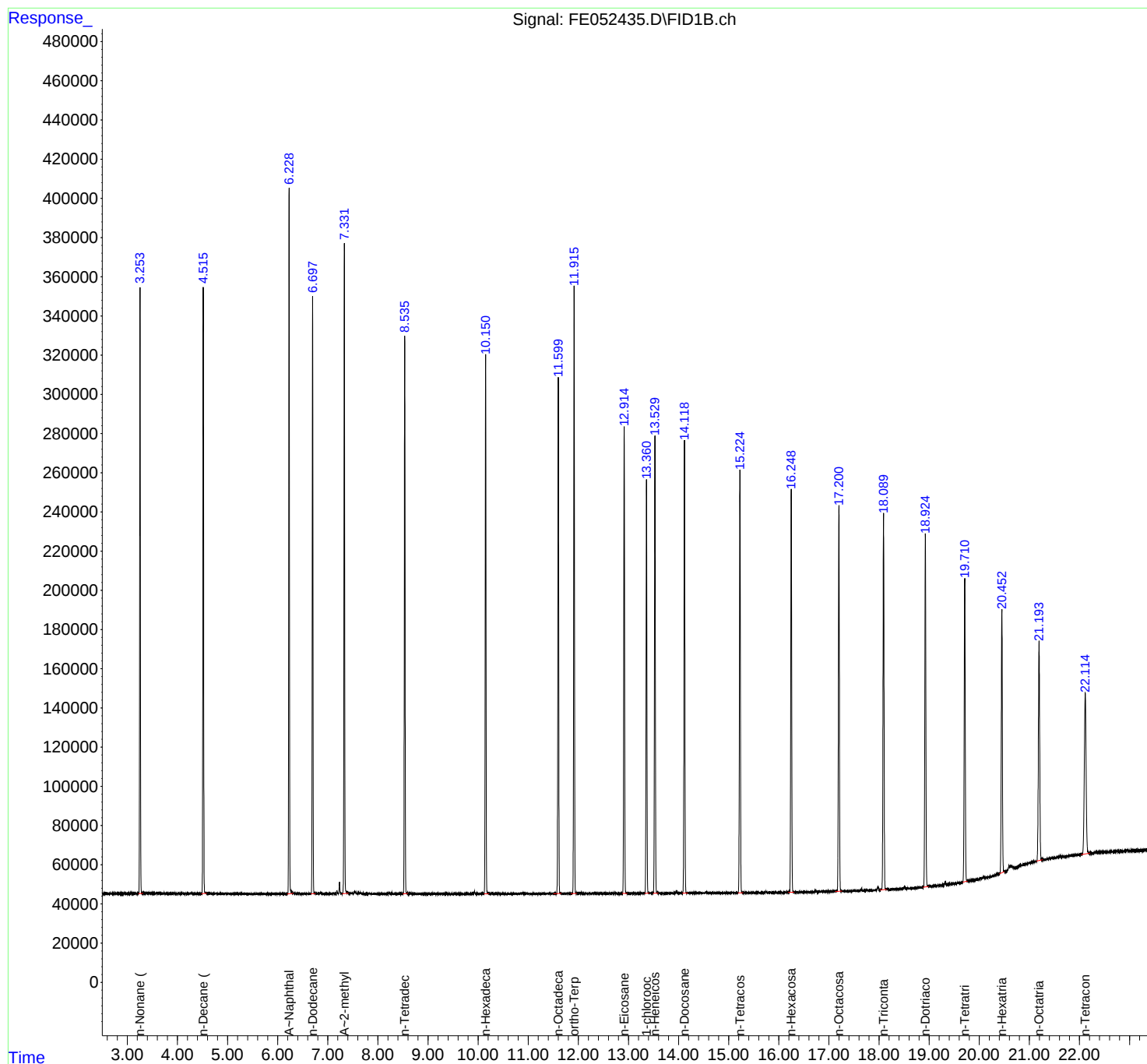
(m)=manual int.

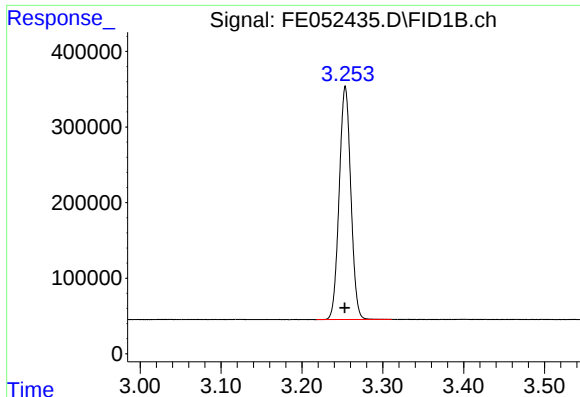
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022125AL\  
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Acq On : 21 Feb 2025 11:35  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 021325.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 14 00:50:00 2025  
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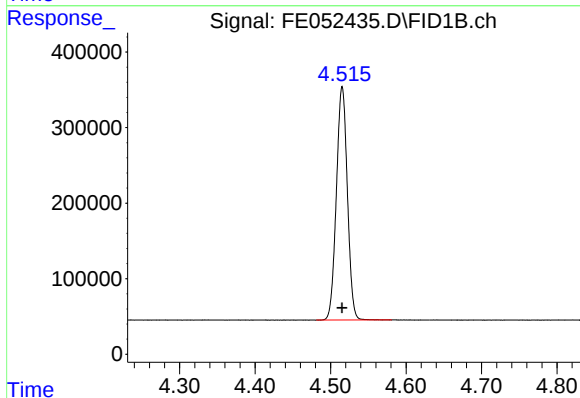




#1 n-Nonane (C9)

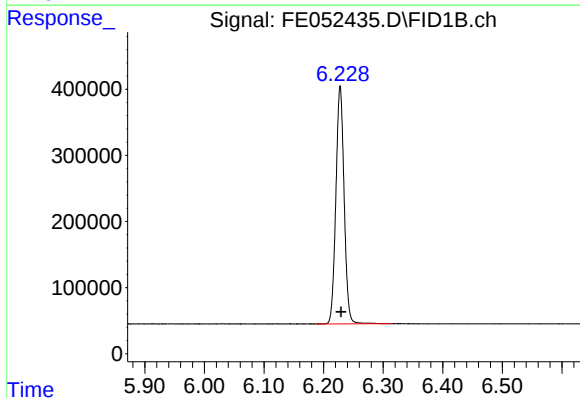
R.T.: 3.254 min  
Delta R.T.: 0.000 min  
Response: 3078464  
Conc: 20.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



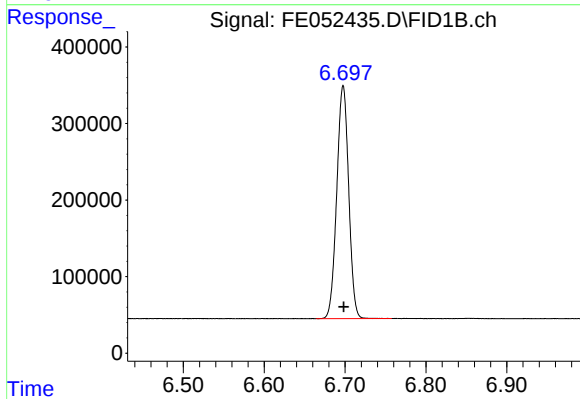
#2 n-Decane (C10)

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 3129156  
Conc: 20.03 ug/ml



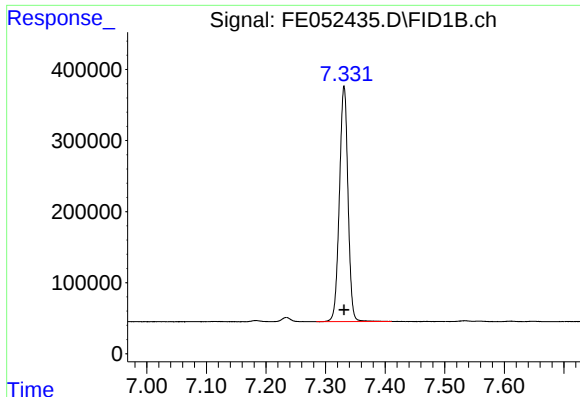
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 3455449  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

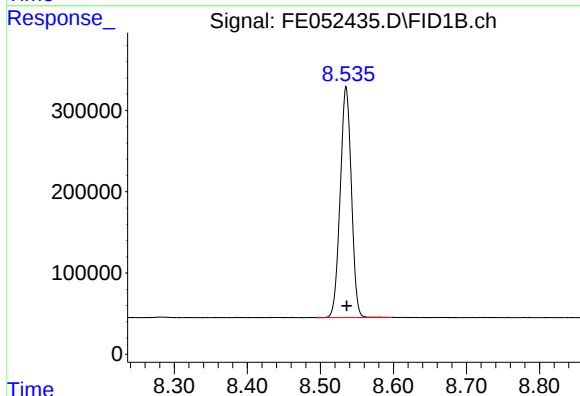
R.T.: 6.698 min  
Delta R.T.: 0.000 min  
Response: 3111234  
Conc: 19.71 ug/ml



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

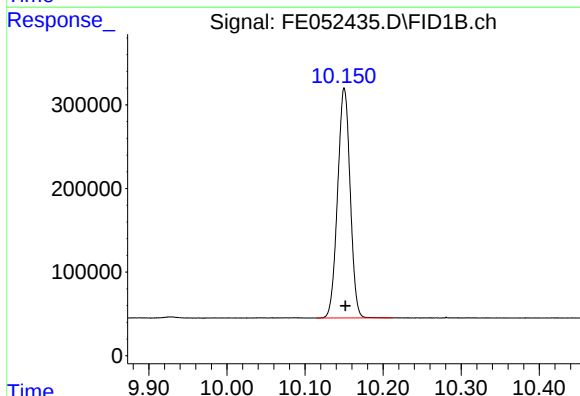
R.T.: 7.331 min  
Delta R.T.: 0.000 min  
Response: 3323618  
Conc: 19.79 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



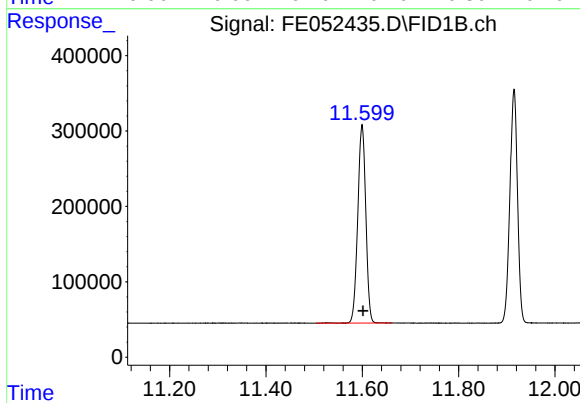
#6 n-Tetradecane (C14)

R.T.: 8.535 min  
Delta R.T.: 0.000 min  
Response: 3021213  
Conc: 19.18 ug/ml



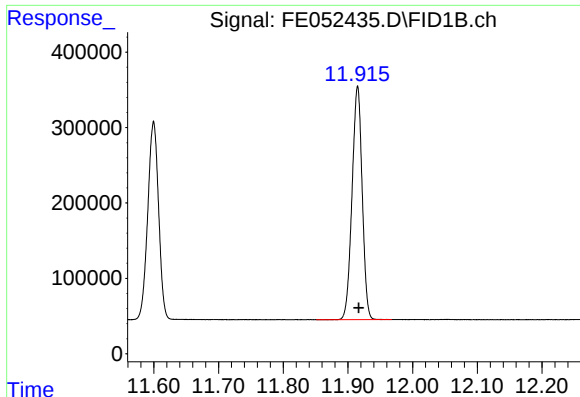
#7 n-Hexadecane (C16)

R.T.: 10.150 min  
Delta R.T.: -0.002 min  
Response: 3071024  
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

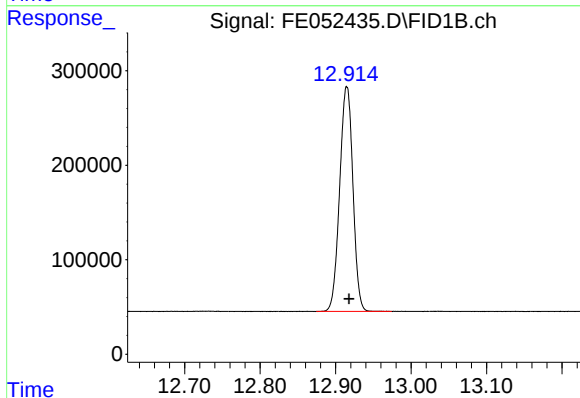
R.T.: 11.600 min  
Delta R.T.: -0.002 min  
Response: 3054368  
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

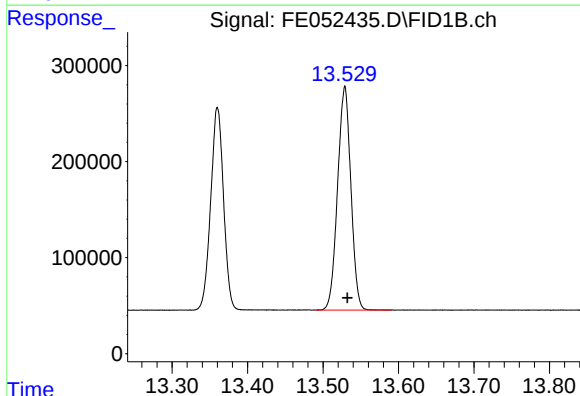
R.T.: 11.915 min  
Delta R.T.: -0.002 min  
Response: 3368561  
Conc: 18.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



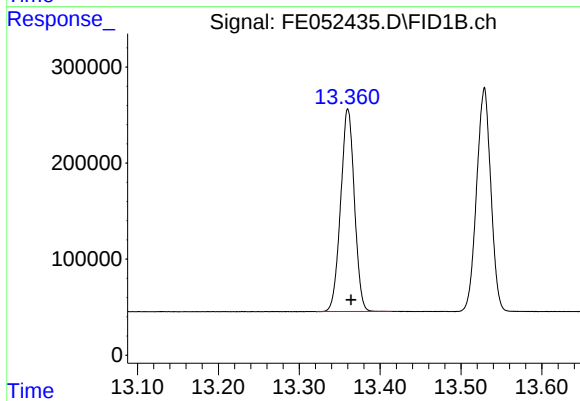
#10 n-Eicosane (C20)

R.T.: 12.915 min  
Delta R.T.: -0.003 min  
Response: 2903158  
Conc: 18.21 ug/ml



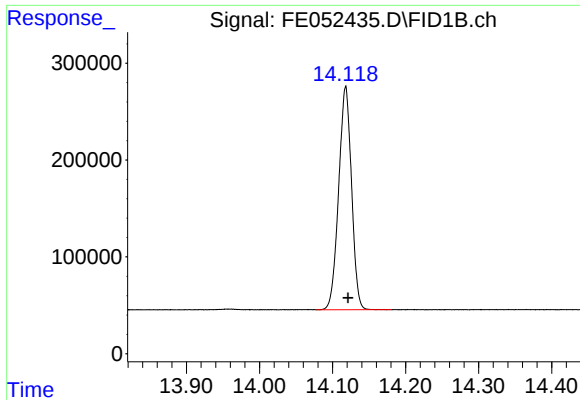
#11 n-Heneicosane (C21)

R.T.: 13.529 min  
Delta R.T.: -0.004 min  
Response: 2846367  
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

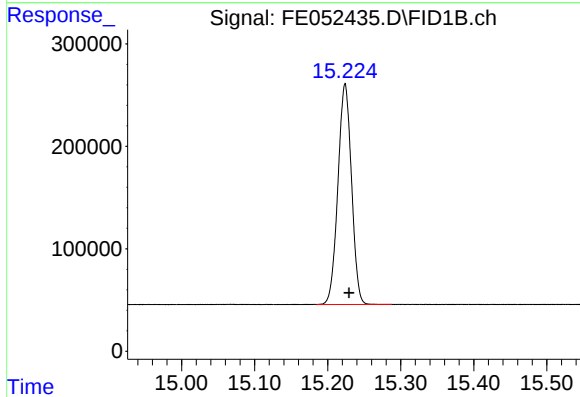
R.T.: 13.360 min  
Delta R.T.: -0.004 min  
Response: 2494795  
Conc: 17.95 ug/ml



#13 n-Docosane (C22)

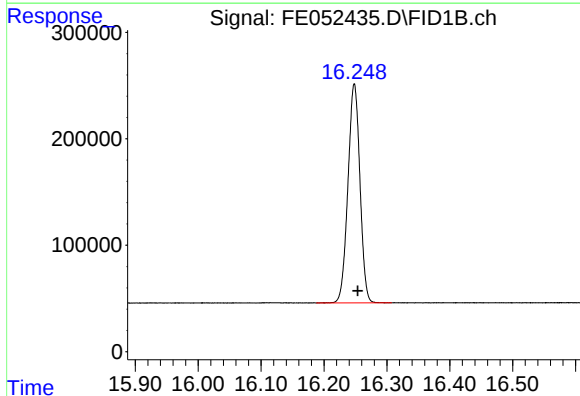
R.T.: 14.118 min  
Delta R.T.: -0.003 min  
Response: 2815633  
Conc: 17.99 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



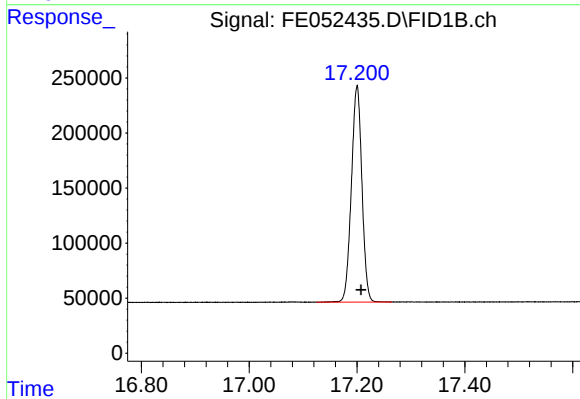
#14 n-Tetracosane (C24)

R.T.: 15.224 min  
Delta R.T.: -0.005 min  
Response: 2783817  
Conc: 17.70 ug/ml



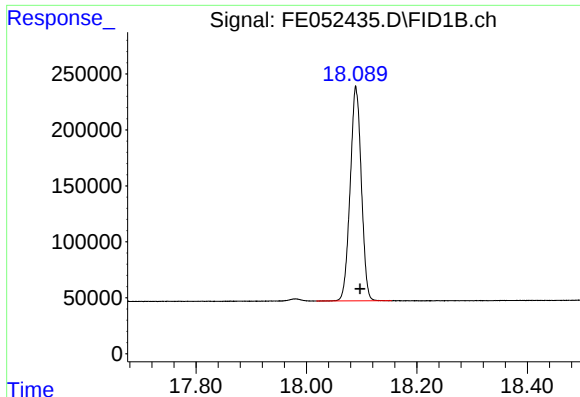
#15 n-Hexacosane (C26)

R.T.: 16.248 min  
Delta R.T.: -0.005 min  
Response: 2724916  
Conc: 17.59 ug/ml



#16 n-Octacosane (C28)

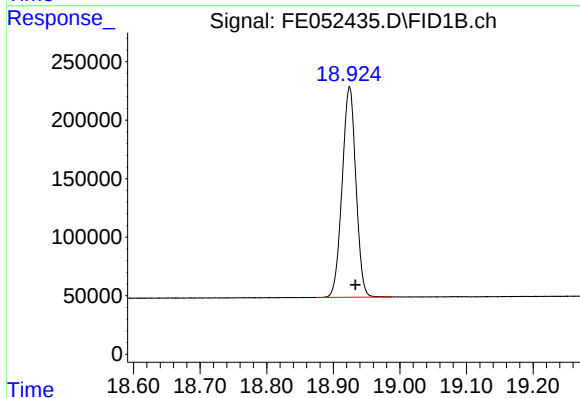
R.T.: 17.200 min  
Delta R.T.: -0.008 min  
Response: 2664578  
Conc: 17.42 ug/ml



#17 n-Tricontane (C30)

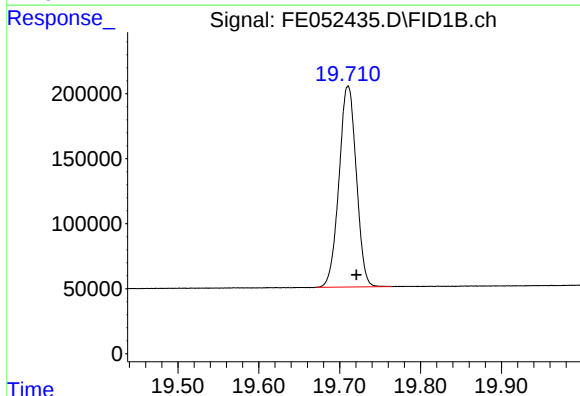
R.T.: 18.090 min  
Delta R.T.: -0.008 min  
Response: 2681852  
Conc: 17.18 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



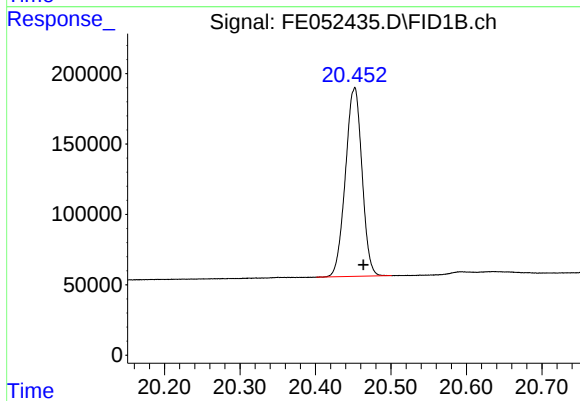
#18 n-Dotriacontane (C32)

R.T.: 18.924 min  
Delta R.T.: -0.009 min  
Response: 2584372  
Conc: 16.89 ug/ml



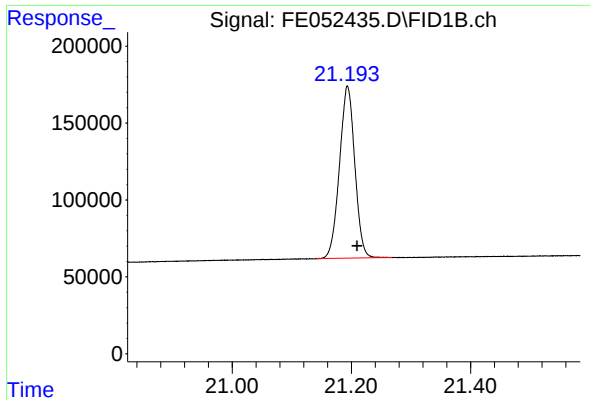
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min  
Delta R.T.: -0.010 min  
Response: 2299434  
Conc: 16.16 ug/ml



#20 n-Hexatriacontane (C36)

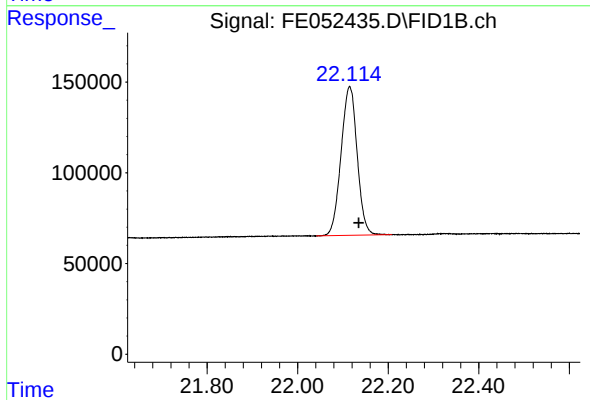
R.T.: 20.451 min  
Delta R.T.: -0.012 min  
Response: 2043413  
Conc: 16.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min  
Delta R.T.: -0.016 min  
Response: 1999204  
Conc: 18.29 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.115 min  
Delta R.T.: -0.020 min  
Response: 2024436  
Conc: 20.13 ug/ml