

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121724AL\  
 Data File : FE051666.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Dec 2024 11:09  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 17 12:56:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121724.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 17 12:55:12 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)    | 12.022 | 15090193   | 92.277 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 184.55%      |
| 12) S 1-chlorooctadecane (S... | 13.440 | 11704671   | 92.063 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 184.13%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.494  | 11334964   | 93.761 ug/ml |
| 2) T n-Decane (C10)            | 4.725  | 11794619   | 93.917 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.411  | 13548378   | 93.884 ug/ml |
| 4) T n-Dodecane (C12)          | 6.859  | 12407529   | 94.063 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.494  | 13480303   | 93.911 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.670  | 12796763   | 93.843 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.265 | 13585460   | 93.250 ug/ml |
| 8) T n-Octadecane (C18)        | 11.699 | 13938130   | 92.431 ug/ml |
| 10) T n-Eicosane (C20)         | 12.998 | 13494589   | 92.010 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.606 | 13265831   | 91.630 ug/ml |
| 13) T n-Docosane (C22)         | 14.187 | 13142477   | 91.134 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.283 | 12898019   | 90.489 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.296 | 12458429   | 90.233 ug/ml |
| 16) T n-Octacosane (C28)       | 17.239 | 11983776   | 88.833 ug/ml |
| 17) T n-Tricontane (C30)       | 18.121 | 11920291   | 85.446 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.947 | 11281789   | 79.954 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.724 | 9890212    | 82.489 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 8743039    | 85.840 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.197 | 8330548    | 87.971 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.125 | 8768671    | 90.215 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

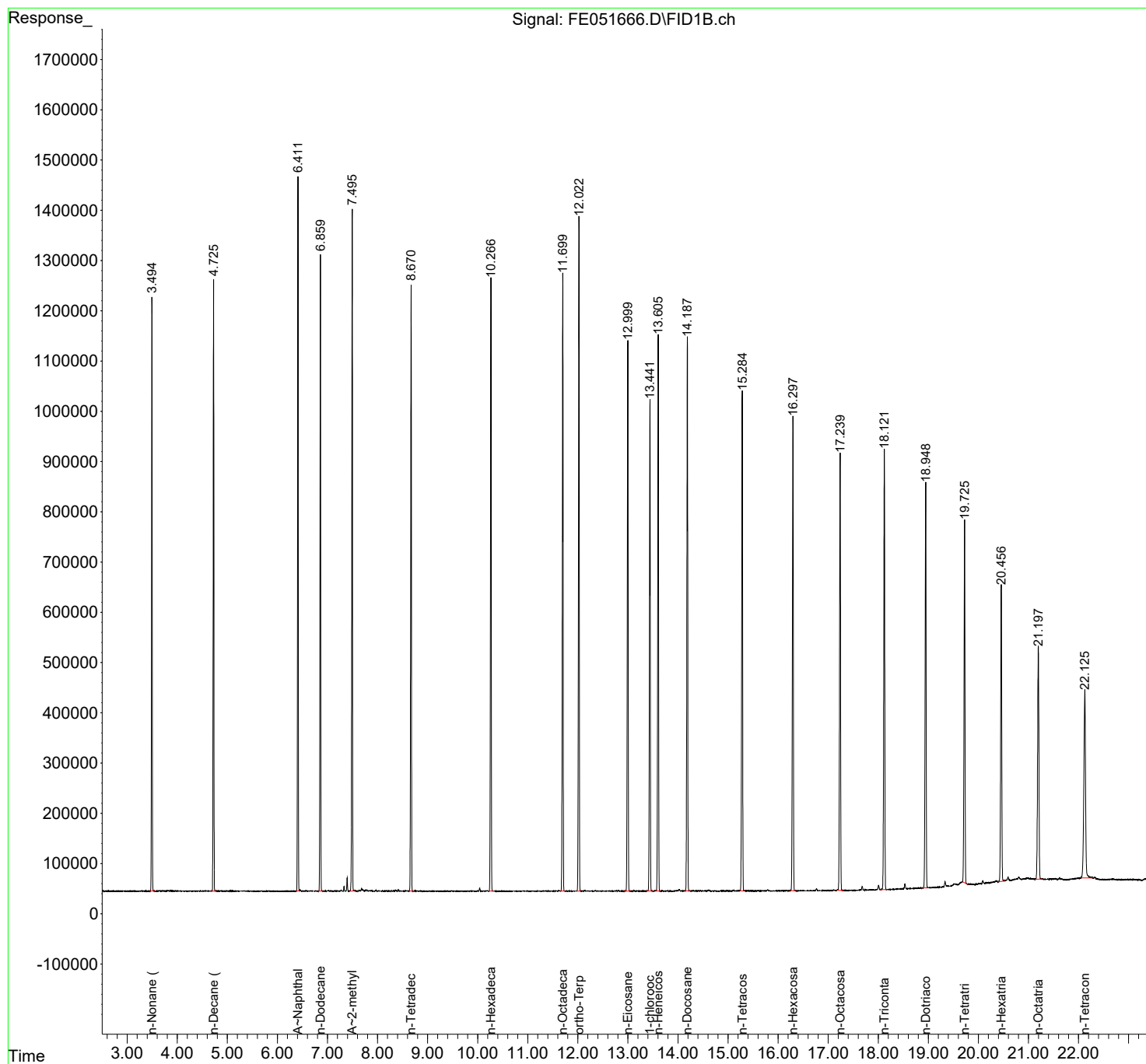
(m)=manual int.

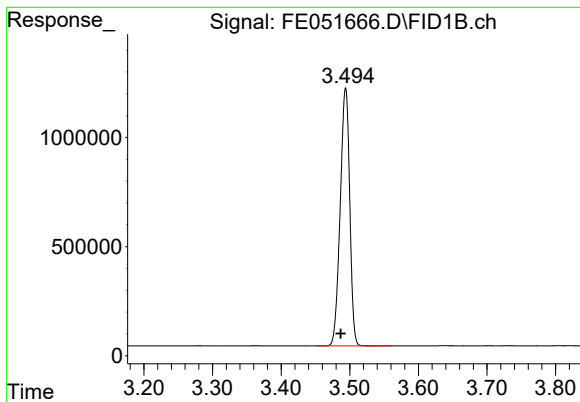
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121724AL\  
Data File : FE051666.D  
Signal(s) : FID1B.ch  
Acq On : 17 Dec 2024 11:09  
Operator : YP\AJ  
Sample : 100 PPM ALIPHATIC HC STD1  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Dec 17 12:56:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121724.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 17 12:55:12 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

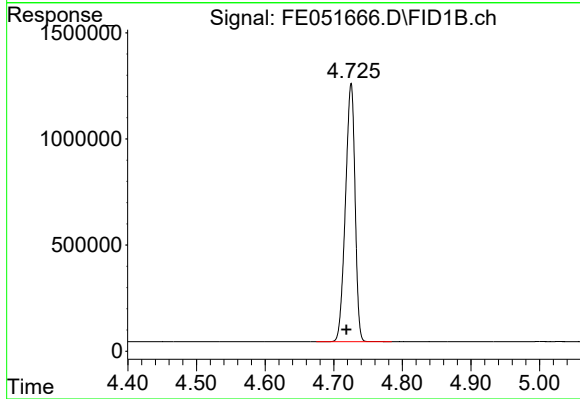




#1 n-Nonane (C9)

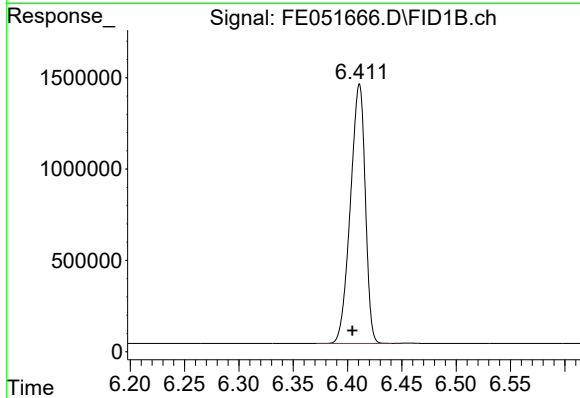
R.T.: 3.494 min  
Delta R.T.: 0.007 min  
Response: 11334964  
Conc: 93.76 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



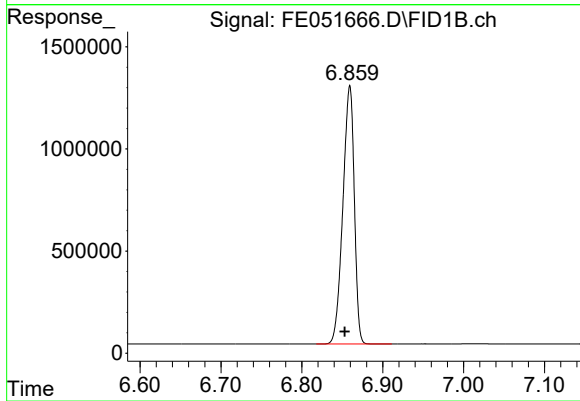
#2 n-Decane (C10)

R.T.: 4.725 min  
Delta R.T.: 0.006 min  
Response: 11794619  
Conc: 93.92 ug/ml



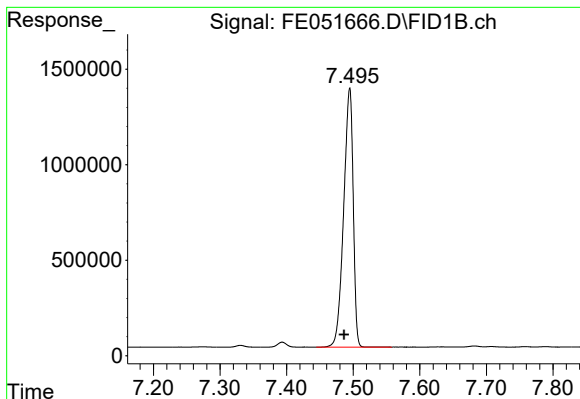
#3 A~Naphthalene (C11.7)

R.T.: 6.411 min  
Delta R.T.: 0.006 min  
Response: 13548378  
Conc: 93.88 ug/ml



#4 n-Dodecane (C12)

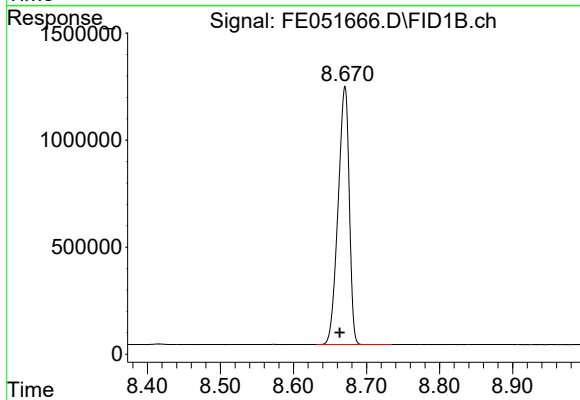
R.T.: 6.859 min  
Delta R.T.: 0.006 min  
Response: 12407529  
Conc: 94.06 ug/ml



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

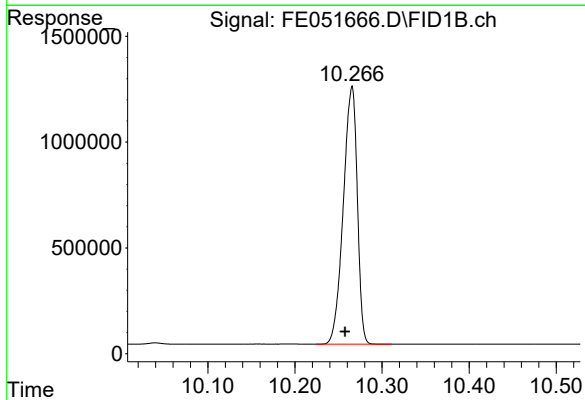
R.T.: 7.494 min  
Delta R.T.: 0.008 min  
Response: 13480303  
Conc: 93.91 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



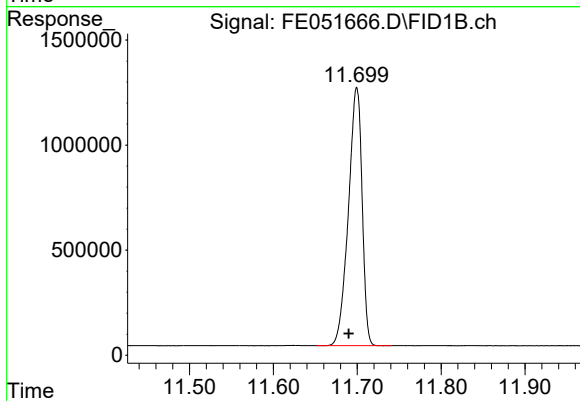
#6 n-Tetradecane (C14)

R.T.: 8.670 min  
Delta R.T.: 0.007 min  
Response: 12796763  
Conc: 93.84 ug/ml



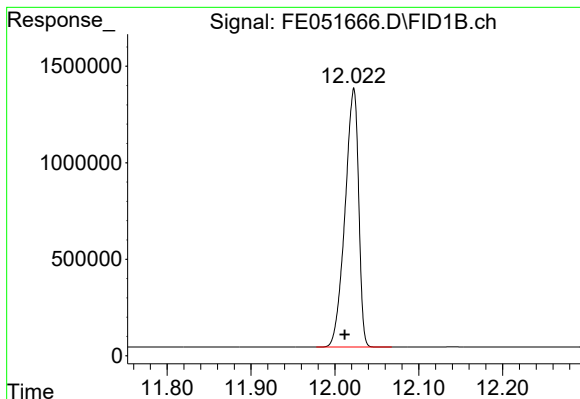
#7 n-Hexadecane (C16)

R.T.: 10.265 min  
Delta R.T.: 0.007 min  
Response: 13585460  
Conc: 93.25 ug/ml



#8 n-Octadecane (C18)

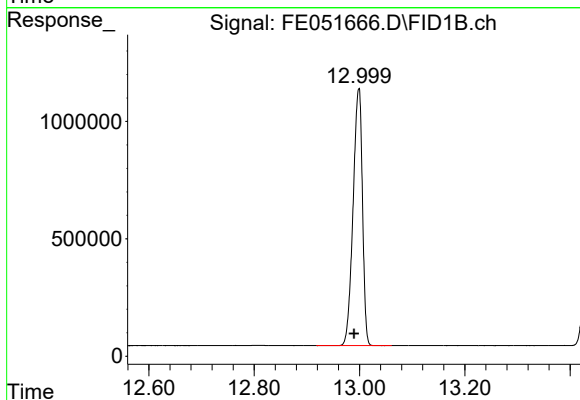
R.T.: 11.699 min  
Delta R.T.: 0.009 min  
Response: 13938130  
Conc: 92.43 ug/ml



#9 ortho-Terphenyl (SURR)

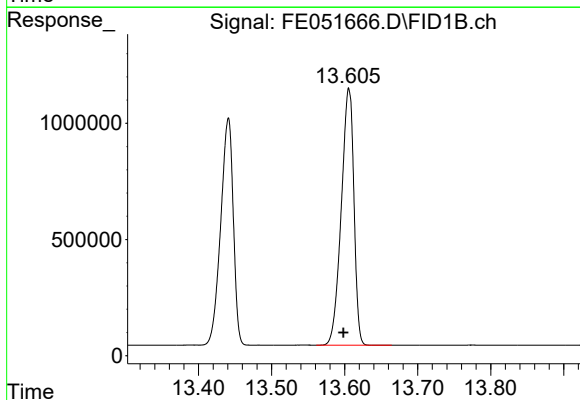
R.T.: 12.022 min  
Delta R.T.: 0.010 min  
Response: 15090193  
Conc: 92.28 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



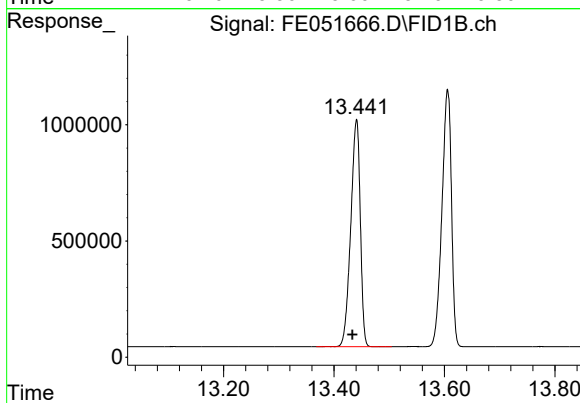
#10 n-Eicosane (C20)

R.T.: 12.998 min  
Delta R.T.: 0.008 min  
Response: 13494589  
Conc: 92.01 ug/ml



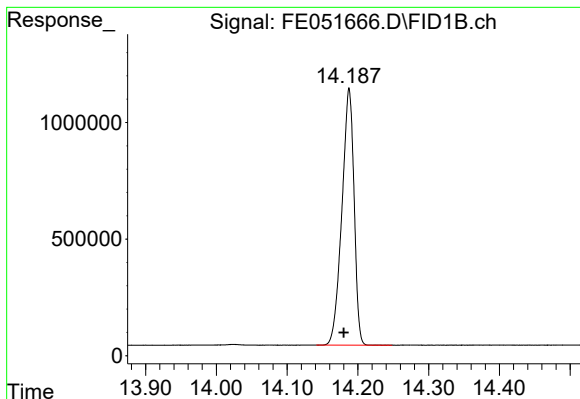
#11 n-Heneicosane (C21)

R.T.: 13.606 min  
Delta R.T.: 0.007 min  
Response: 13265831  
Conc: 91.63 ug/ml



#12 1-chlorooctadecane (SURR)

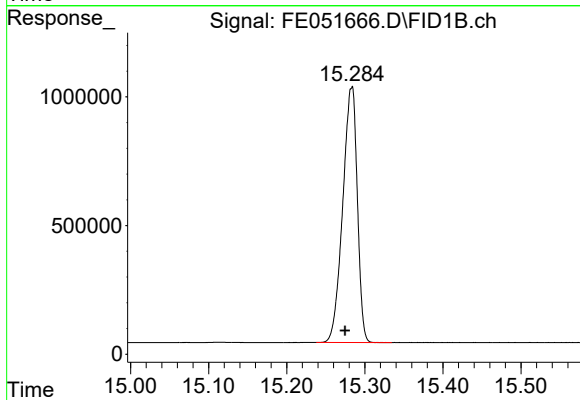
R.T.: 13.440 min  
Delta R.T.: 0.007 min  
Response: 11704671  
Conc: 92.06 ug/ml



#13 n-Docosane (C22)

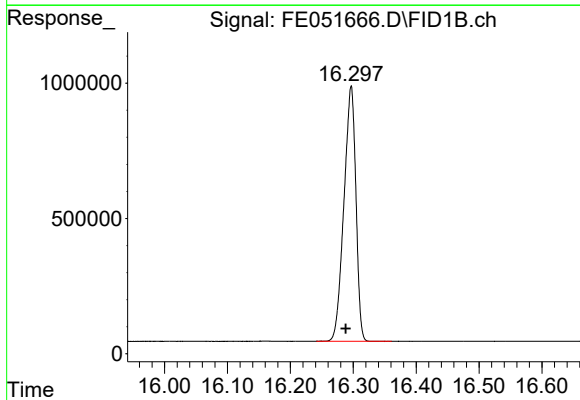
R.T.: 14.187 min  
Delta R.T.: 0.007 min  
Response: 13142477  
Conc: 91.13 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



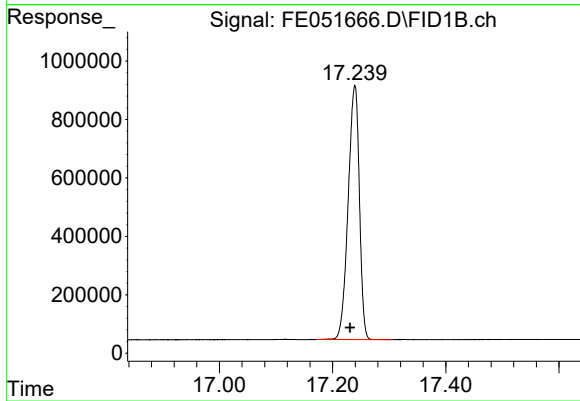
#14 n-Tetracosane (C24)

R.T.: 15.283 min  
Delta R.T.: 0.008 min  
Response: 12898019  
Conc: 90.49 ug/ml



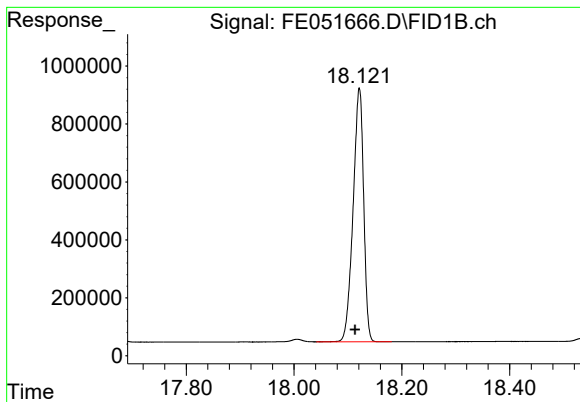
#15 n-Hexacosane (C26)

R.T.: 16.296 min  
Delta R.T.: 0.008 min  
Response: 12458429  
Conc: 90.23 ug/ml



#16 n-Octacosane (C28)

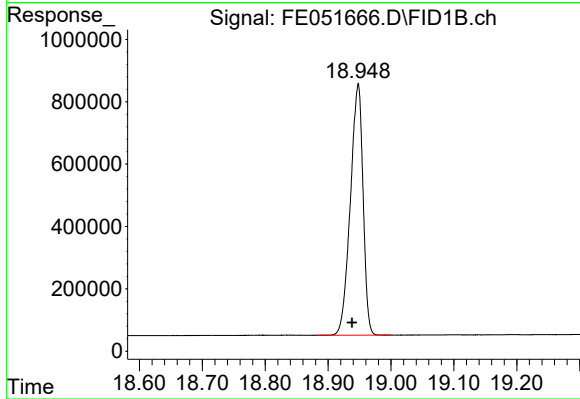
R.T.: 17.239 min  
Delta R.T.: 0.008 min  
Response: 11983776  
Conc: 88.83 ug/ml



#17 n-Tricontane (C30)

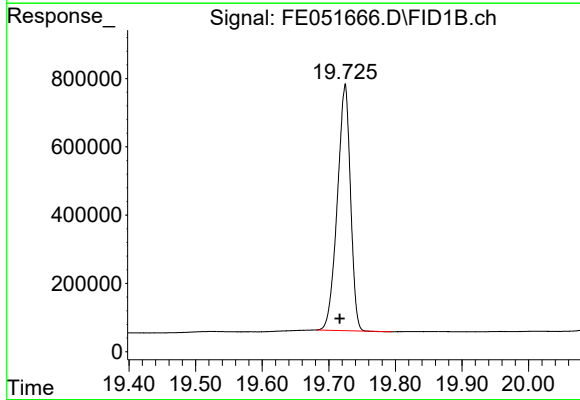
R.T.: 18.121 min  
Delta R.T.: 0.008 min  
Response: 11920291  
Conc: 85.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



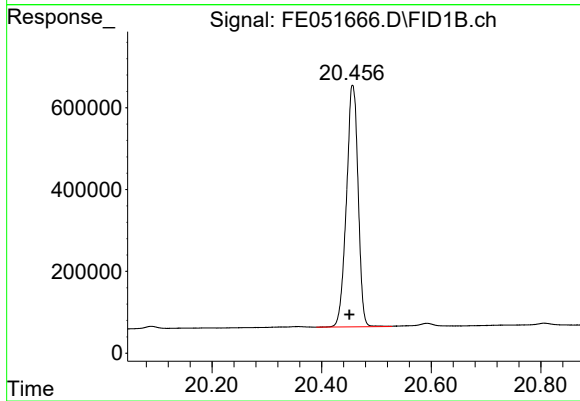
#18 n-Dotriacontane (C32)

R.T.: 18.947 min  
Delta R.T.: 0.009 min  
Response: 11281789  
Conc: 79.95 ug/ml



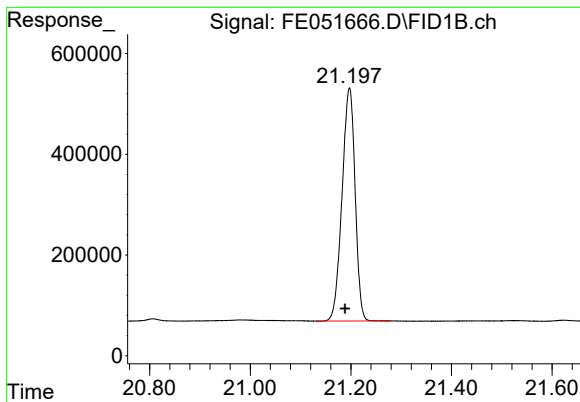
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min  
Delta R.T.: 0.008 min  
Response: 9890212  
Conc: 82.49 ug/ml



#20 n-Hexatriacontane (C36)

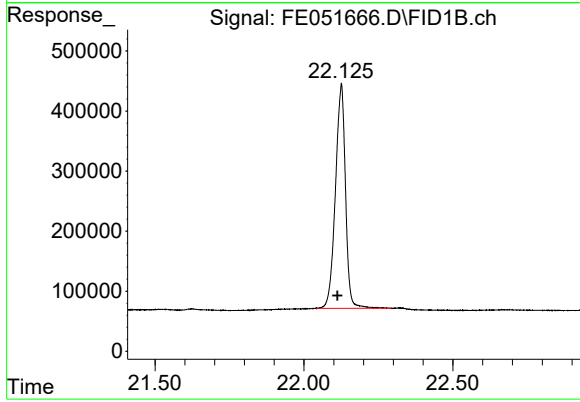
R.T.: 20.457 min  
Delta R.T.: 0.006 min  
Response: 8743039  
Conc: 85.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min  
Delta R.T.: 0.008 min  
Response: 8330548  
Conc: 87.97 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.125 min  
Delta R.T.: 0.012 min  
Response: 8768671  
Conc: 90.21 ug/ml