

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120524AL\  
 Data File : FE051541.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Dec 2024 07:02  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 06 02:02:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 02 14:18:35 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)    | 11.828 | 2994033    | 19.813 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.63%       |
| 12) S 1-chlorooctadecane (S... | 13.261 | 2263375    | 20.254 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.51%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.220  | 2738862    | 19.542 ug/ml |
| 2) T n-Decane (C10)            | 4.467  | 2783322    | 19.627 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.182  | 2556018    | 19.335 ug/ml |
| 4) T n-Dodecane (C12)          | 6.634  | 2809279    | 19.736 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.279  | 2297428    | 19.151 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.461  | 2761141    | 19.807 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.066 | 2828681    | 19.909 ug/ml |
| 8) T n-Octadecane (C18)        | 11.507 | 2854027    | 19.860 ug/ml |
| 10) T n-Eicosane (C20)         | 12.814 | 2746376    | 19.895 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.425 | 2696729    | 19.895 ug/ml |
| 13) T n-Docosane (C22)         | 14.011 | 2659158    | 19.859 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.112 | 2624978    | 19.866 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.132 | 2585209    | 19.936 ug/ml |
| 16) T n-Octacosane (C28)       | 17.081 | 2554666    | 20.037 ug/ml |
| 17) T n-Tricontane (C30)       | 17.967 | 2622432    | 20.253 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.800 | 2570602    | 20.534 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.582 | 2284569    | 20.228 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.321 | 2005036    | 20.819 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.042 | 1874922    | 20.593 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.917 | 1824480    | 20.819 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

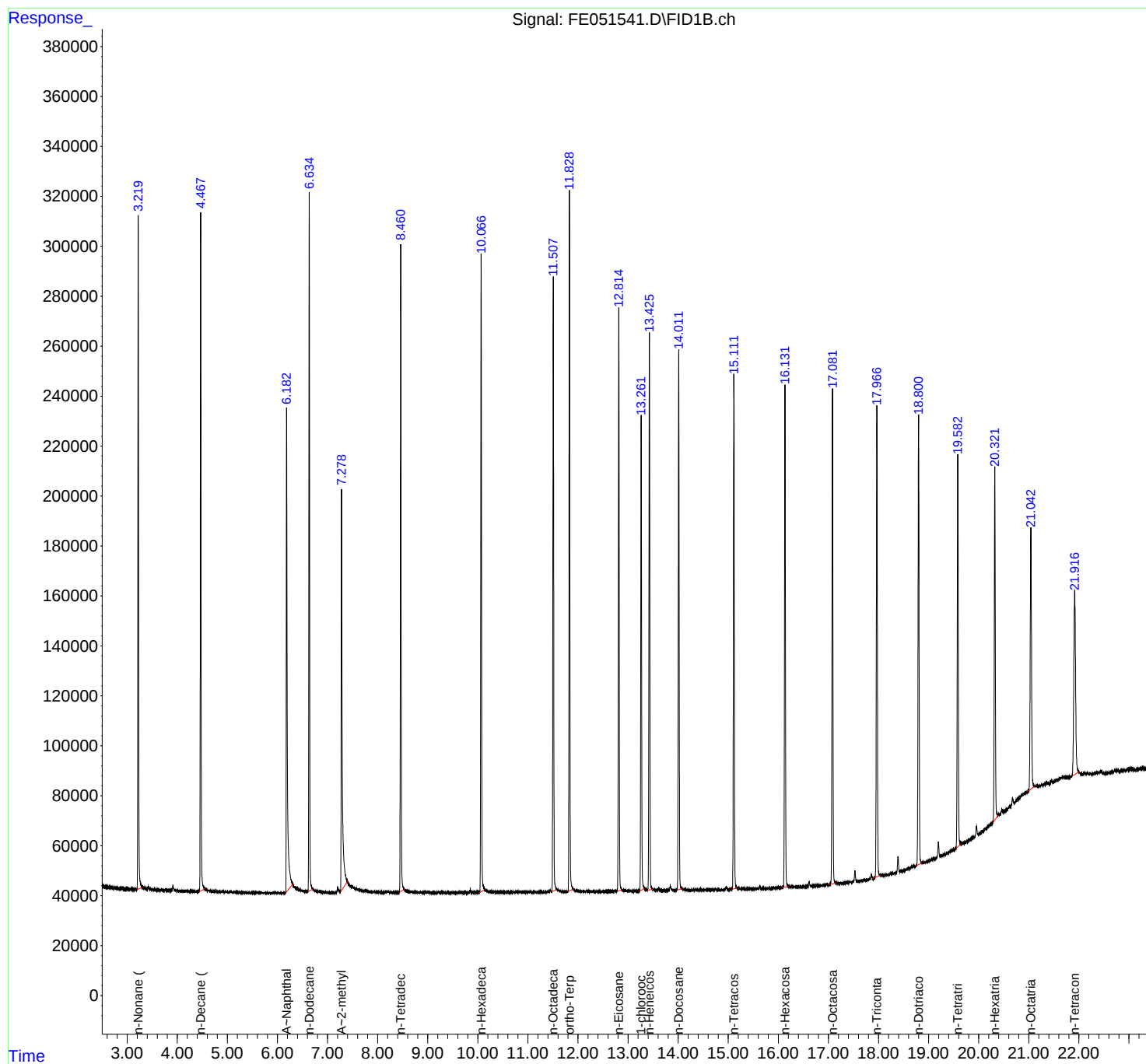
(m)=manual int.

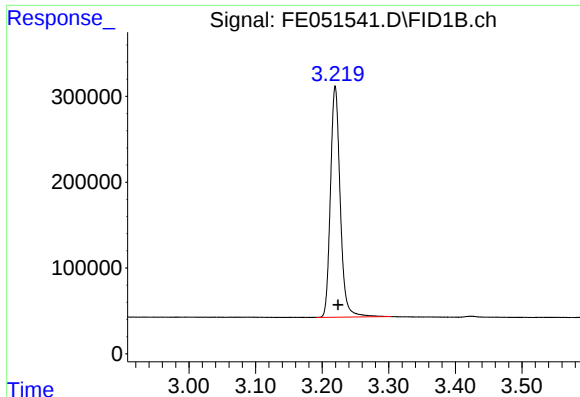
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120524AL\  
Data File : FE051541.D  
Signal(s) : FID1B.ch  
Acq On : 05 Dec 2024 07:02  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: Dec 06 02:02:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 120224.M  
Quant Title : GC Extractables  
QLast Update : Mon Dec 02 14:18:35 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

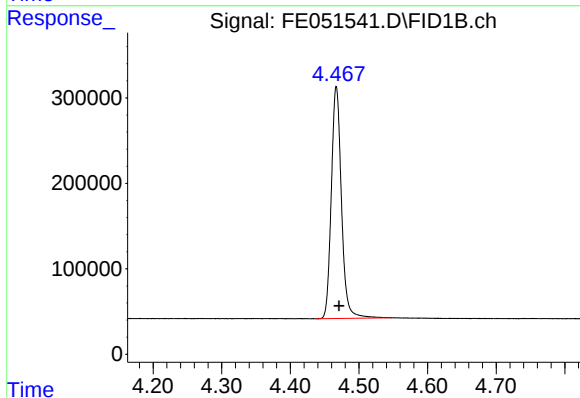




#1 n-Nonane (C9)

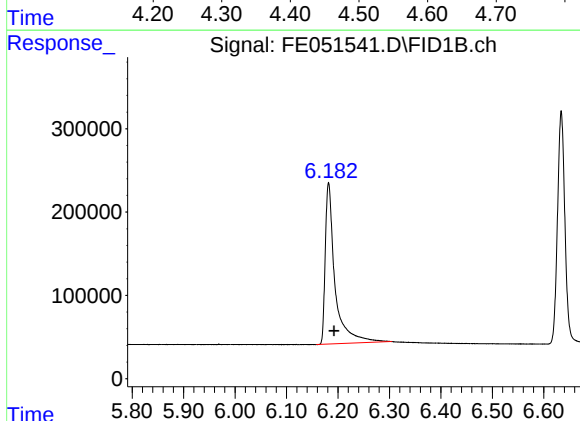
R.T.: 3.220 min  
Delta R.T.: -0.004 min  
Response: 2738862  
Conc: 19.54 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



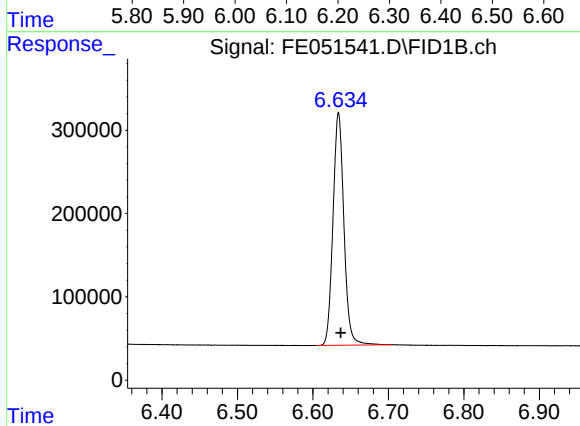
#2 n-Decane (C10)

R.T.: 4.467 min  
Delta R.T.: -0.004 min  
Response: 2783322  
Conc: 19.63 ug/ml



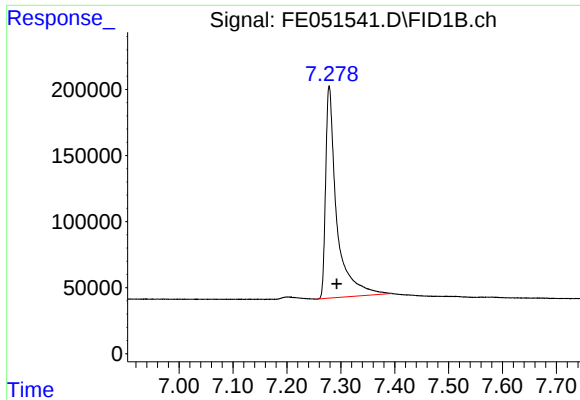
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min  
Delta R.T.: -0.010 min  
Response: 2556018  
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

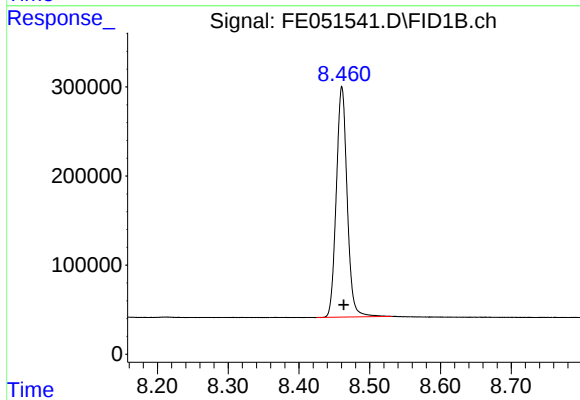
R.T.: 6.634 min  
Delta R.T.: -0.003 min  
Response: 2809279  
Conc: 19.74 ug/ml



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

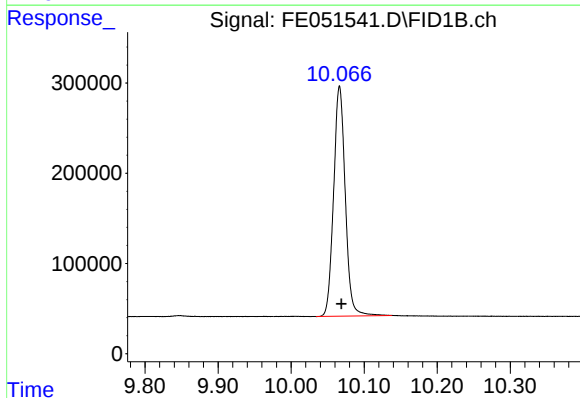
R.T.: 7.279 min  
Delta R.T.: -0.013 min  
Response: 2297428  
Conc: 19.15 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



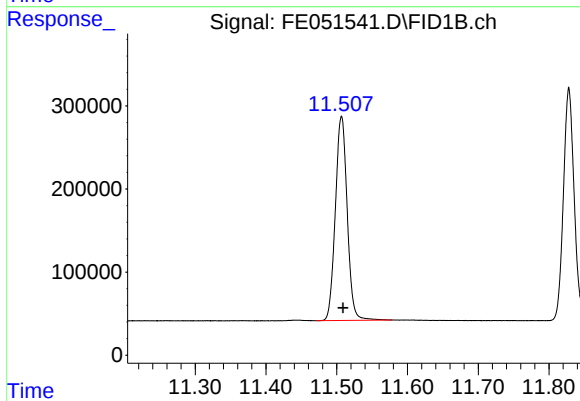
#6 n-Tetradecane (C14)

R.T.: 8.461 min  
Delta R.T.: -0.003 min  
Response: 2761141  
Conc: 19.81 ug/ml



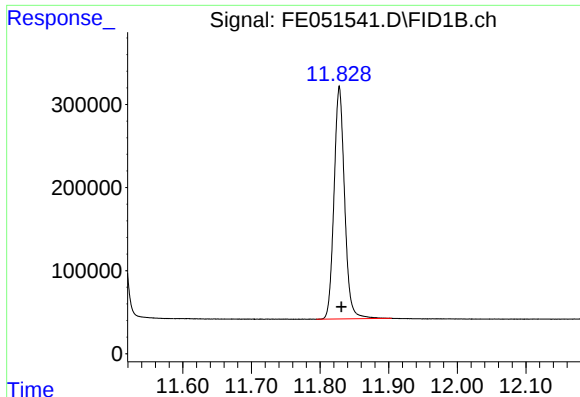
#7 n-Hexadecane (C16)

R.T.: 10.066 min  
Delta R.T.: -0.003 min  
Response: 2828681  
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

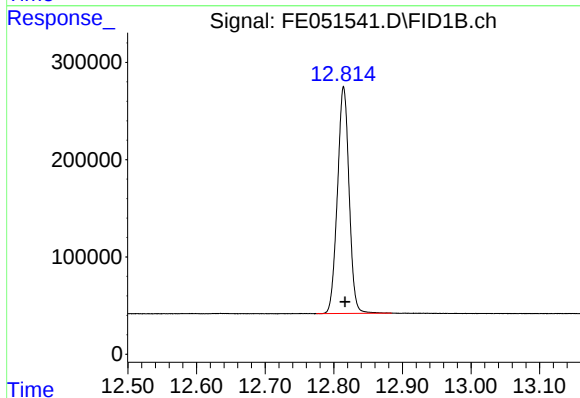
R.T.: 11.507 min  
Delta R.T.: -0.002 min  
Response: 2854027  
Conc: 19.86 ug/ml



#9 ortho-Terphenyl (SURR)

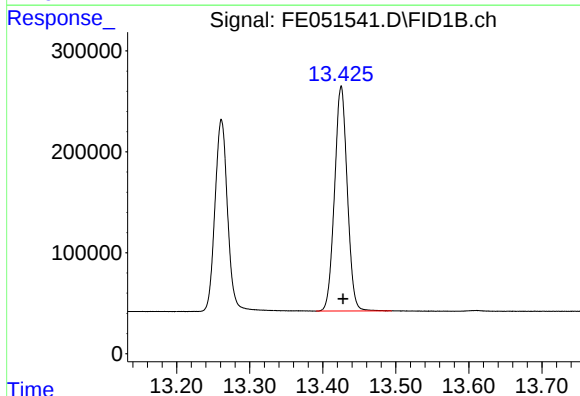
R.T.: 11.828 min  
Delta R.T.: -0.003 min  
Response: 2994033  
Conc: 19.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



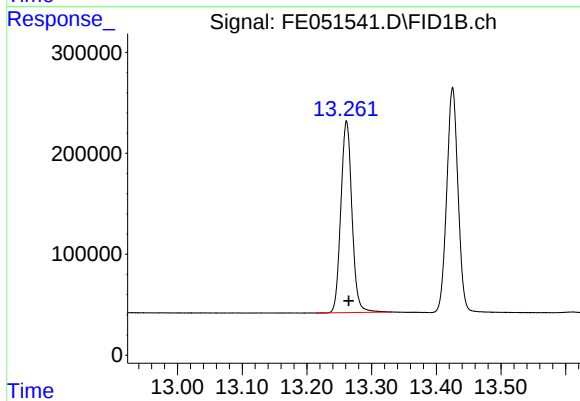
#10 n-Eicosane (C20)

R.T.: 12.814 min  
Delta R.T.: -0.002 min  
Response: 2746376  
Conc: 19.90 ug/ml



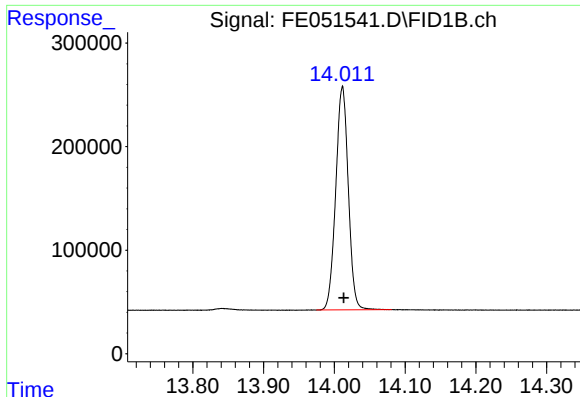
#11 n-Heneicosane (C21)

R.T.: 13.425 min  
Delta R.T.: -0.002 min  
Response: 2696729  
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

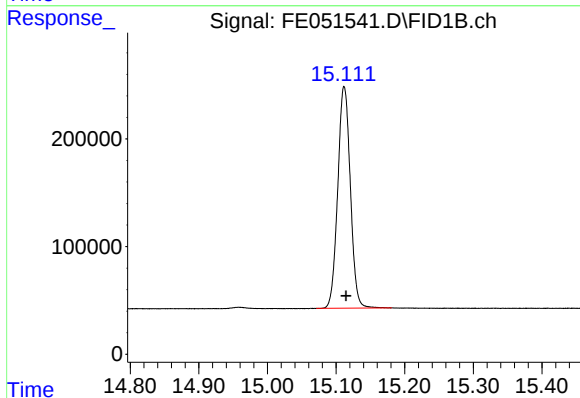
R.T.: 13.261 min  
Delta R.T.: -0.003 min  
Response: 2263375  
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

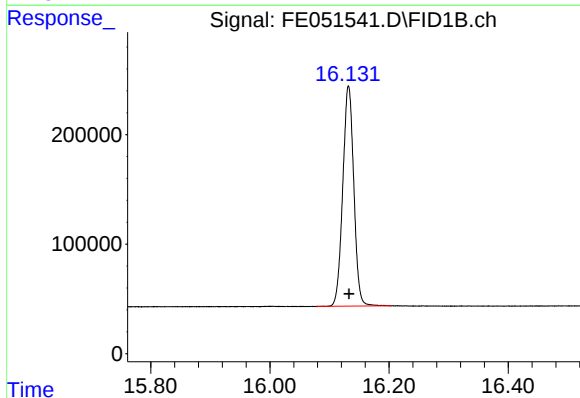
R.T.: 14.011 min  
Delta R.T.: -0.002 min  
Response: 2659158  
Conc: 19.86 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



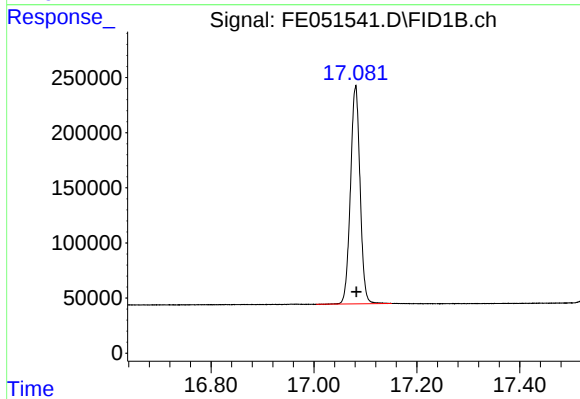
#14 n-Tetracosane (C24)

R.T.: 15.112 min  
Delta R.T.: -0.003 min  
Response: 2624978  
Conc: 19.87 ug/ml



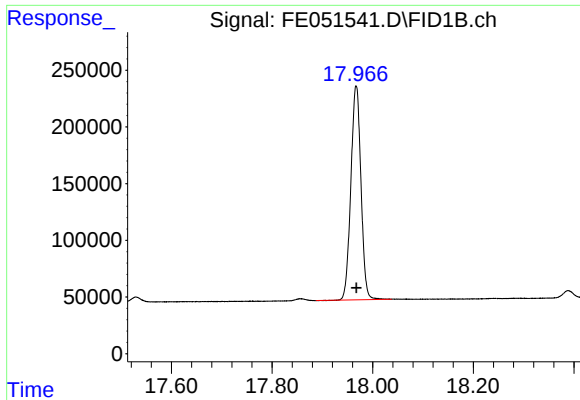
#15 n-Hexacosane (C26)

R.T.: 16.132 min  
Delta R.T.: -0.001 min  
Response: 2585209  
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

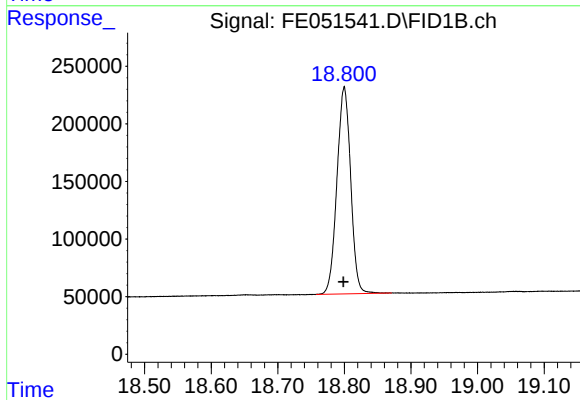
R.T.: 17.081 min  
Delta R.T.: -0.001 min  
Response: 2554666  
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

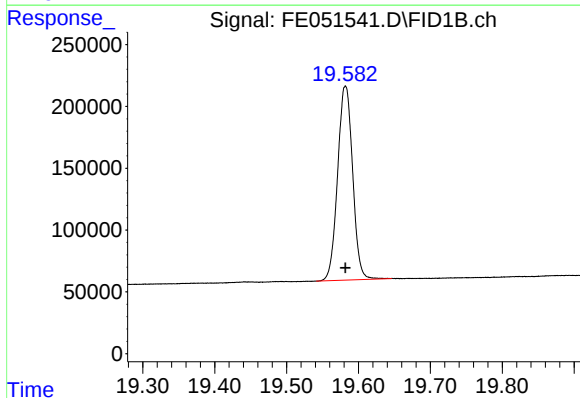
R.T.: 17.967 min  
Delta R.T.: 0.000 min  
Response: 2622432  
Conc: 20.25 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



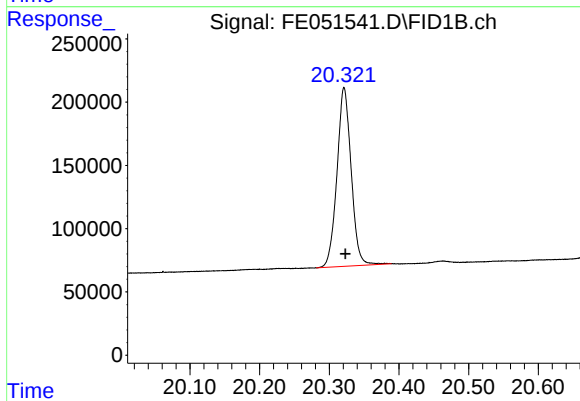
#18 n-Dotriacontane (C32)

R.T.: 18.800 min  
Delta R.T.: 0.001 min  
Response: 2570602  
Conc: 20.53 ug/ml



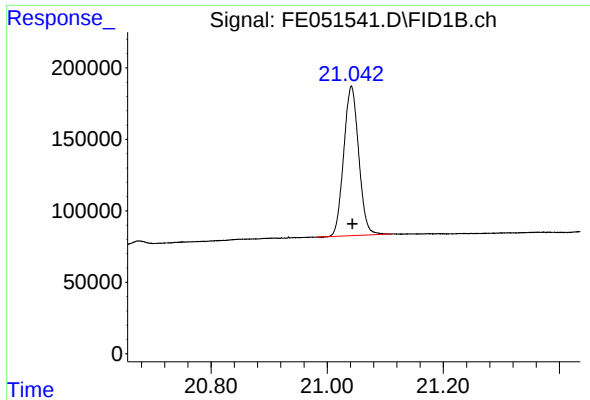
#19 n-Tetratriacontane (C34)

R.T.: 19.582 min  
Delta R.T.: 0.000 min  
Response: 2284569  
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

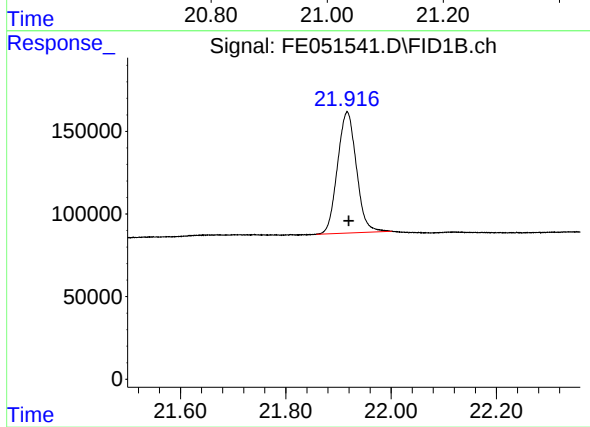
R.T.: 20.321 min  
Delta R.T.: -0.002 min  
Response: 2005036  
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.042 min  
Delta R.T.: -0.002 min  
Response: 1874922  
Conc: 20.59 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.917 min  
Delta R.T.: -0.003 min  
Response: 1824480  
Conc: 20.82 ug/ml