

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022125AL\  
 Data File : FE052457.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Feb 2025 01:16  
 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 22 01:43:28 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 | 3265079    | 17.467 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.93%       |
| 12) S 1-chlorooctadecane (S... | 13.360 | 2467359    | 17.751 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.50%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.254  | 3023869    | 19.699 ug/ml |
| 2) T n-Decane (C10)            | 4.516  | 3081199    | 19.727 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.229  | 3390452    | 19.624 ug/ml |
| 4) T n-Dodecane (C12)          | 6.698  | 3061022    | 19.393 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.332  | 3258021    | 19.399 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.535  | 2964356    | 18.820 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.150 | 3008218    | 18.406 ug/ml |
| 8) T n-Octadecane (C18)        | 11.599 | 2986716    | 18.051 ug/ml |
| 10) T n-Eicosane (C20)         | 12.914 | 2838684    | 17.806 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.528 | 2782908    | 17.763 ug/ml |
| 13) T n-Docosane (C22)         | 14.117 | 2754988    | 17.604 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.223 | 2733279    | 17.380 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.247 | 2686195    | 17.343 ug/ml |
| 16) T n-Octacosane (C28)       | 17.199 | 2637645    | 17.244 ug/ml |
| 17) T n-Tricontane (C30)       | 18.089 | 2672404    | 17.120 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.922 | 2584253    | 16.888 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.708 | 2305758    | 16.208 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.450 | 2075804    | 16.655 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.192 | 2028628    | 18.560 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.112 | 2184553    | 21.718 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

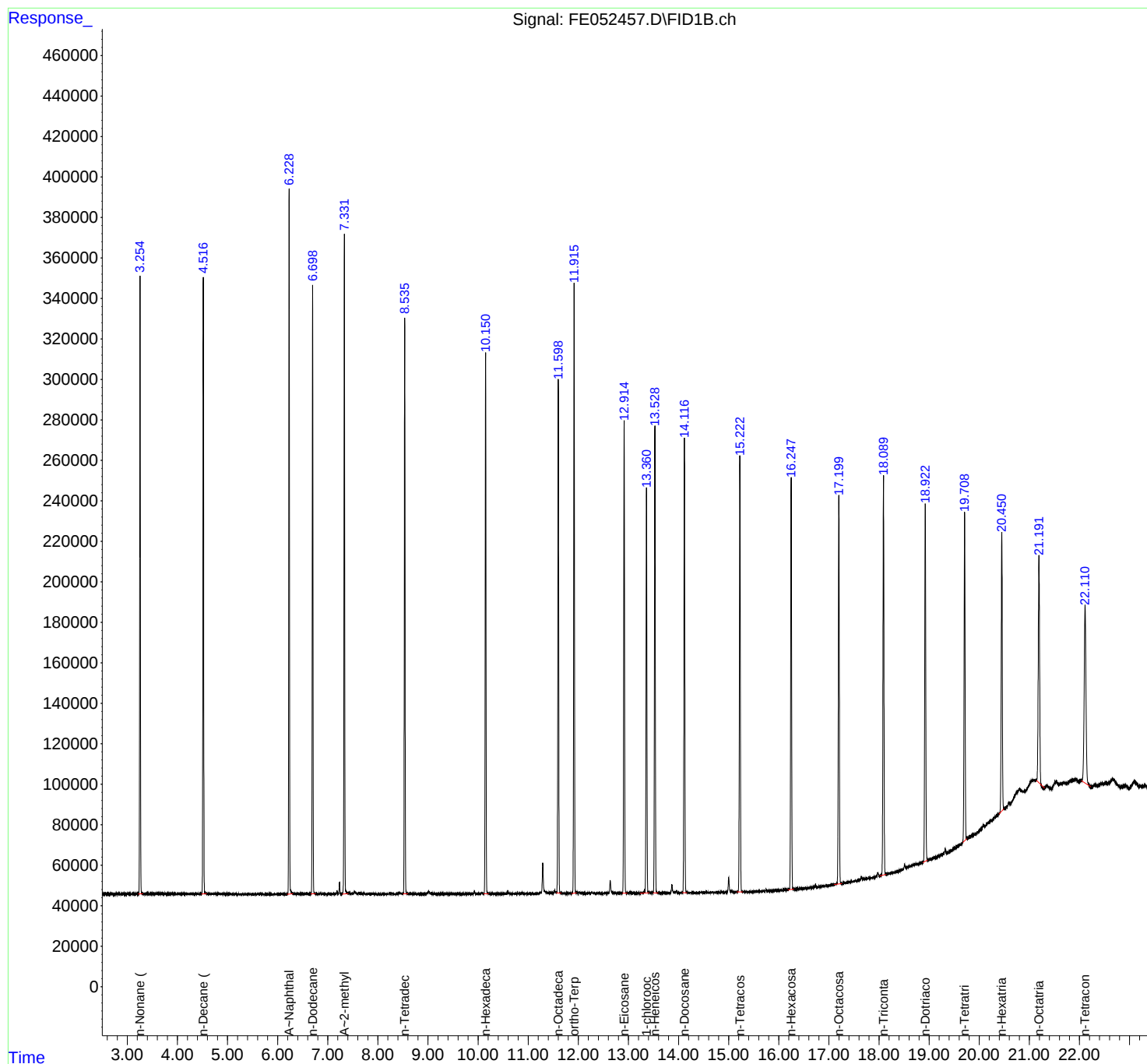
(m)=manual int.

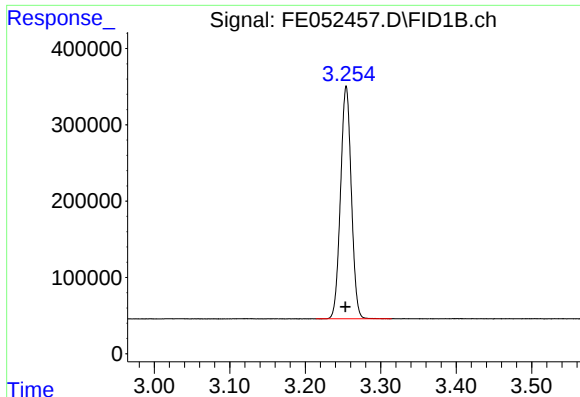
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022125AL\  
Data File : FE052457.D  
Signal(s) : FID1B.ch  
Acq On : 22 Feb 2025 01:16  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Feb 22 01:43:28 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

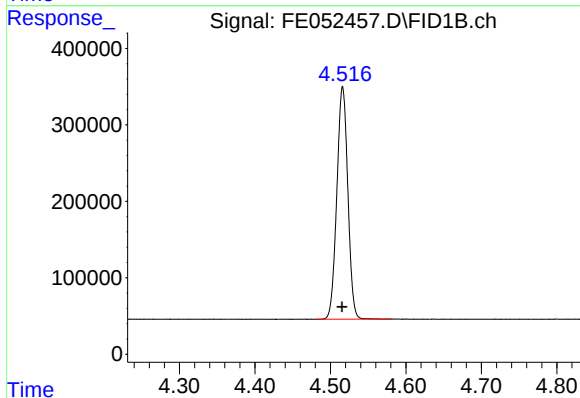




#1 n-Nonane (C9)

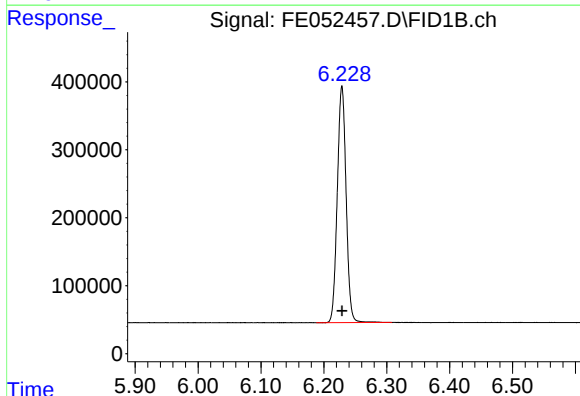
R.T.: 3.254 min  
Delta R.T.: 0.001 min  
Response: 3023869  
Conc: 19.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



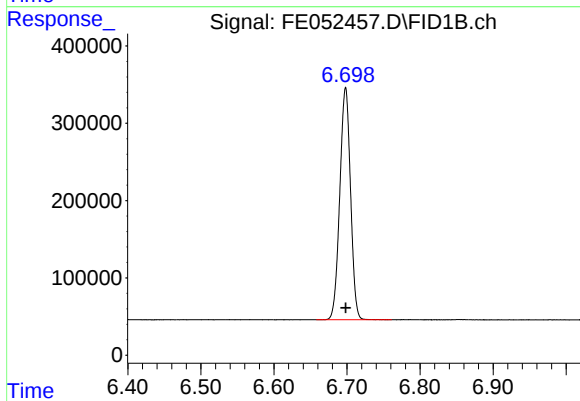
#2 n-Decane (C10)

R.T.: 4.516 min  
Delta R.T.: 0.000 min  
Response: 3081199  
Conc: 19.73 ug/ml



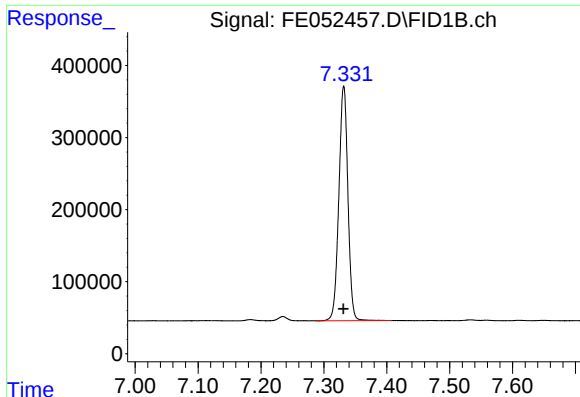
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 3390452  
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

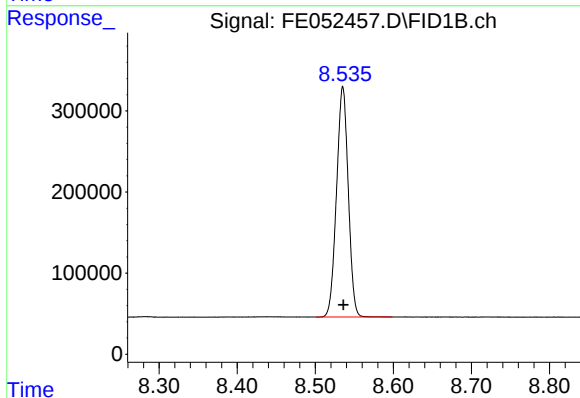
R.T.: 6.698 min  
Delta R.T.: 0.000 min  
Response: 3061022  
Conc: 19.39 ug/ml



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

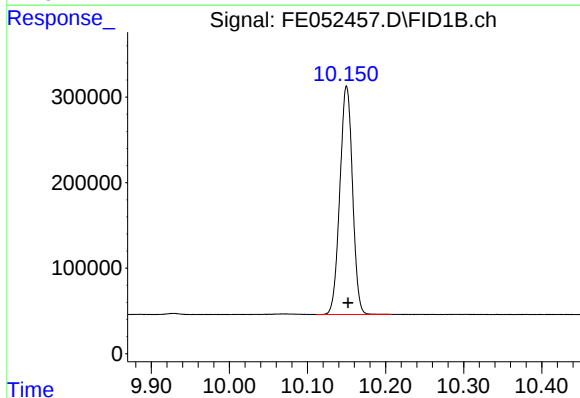
R.T.: 7.332 min  
Delta R.T.: 0.000 min  
Response: 3258021  
Conc: 19.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



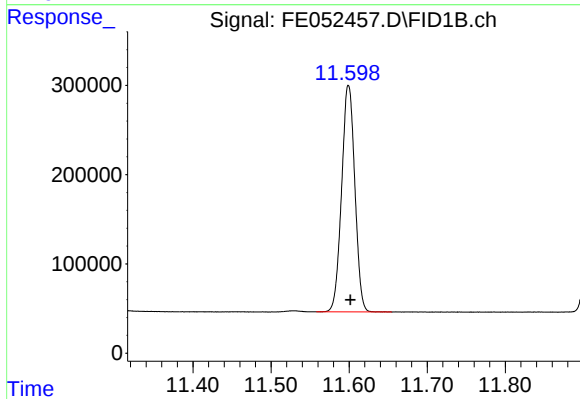
#6 n-Tetradecane (C14)

R.T.: 8.535 min  
Delta R.T.: 0.000 min  
Response: 2964356  
Conc: 18.82 ug/ml



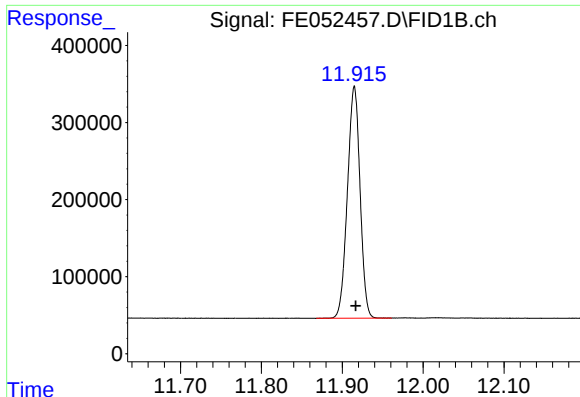
#7 n-Hexadecane (C16)

R.T.: 10.150 min  
Delta R.T.: -0.002 min  
Response: 3008218  
Conc: 18.41 ug/ml



#8 n-Octadecane (C18)

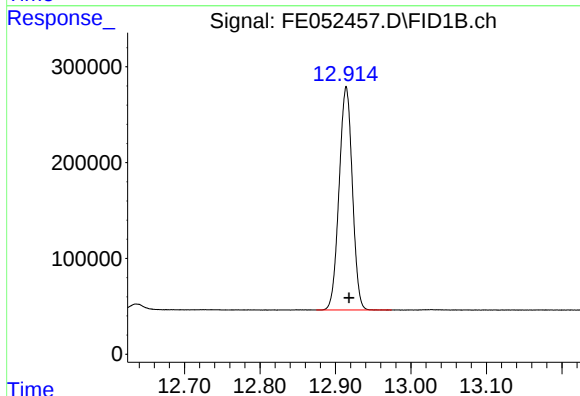
R.T.: 11.599 min  
Delta R.T.: -0.003 min  
Response: 2986716  
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

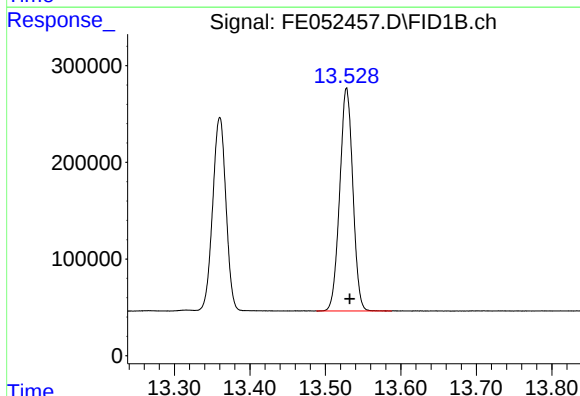
R.T.: 11.915 min  
Delta R.T.: -0.002 min  
Response: 3265079  
Conc: 17.47 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



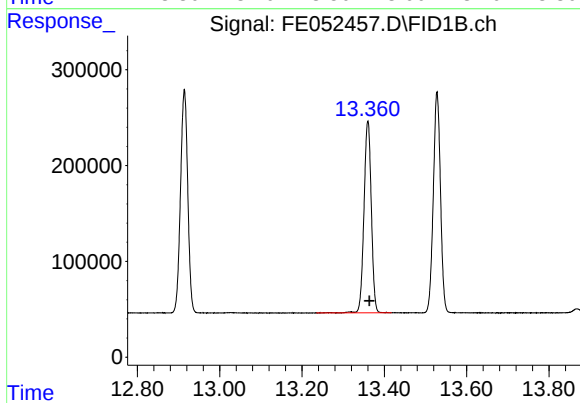
#10 n-Eicosane (C20)

R.T.: 12.914 min  
Delta R.T.: -0.004 min  
Response: 2838684  
Conc: 17.81 ug/ml



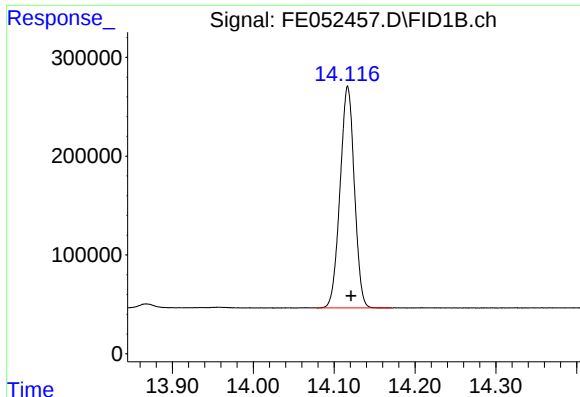
#11 n-Heneicosane (C21)

R.T.: 13.528 min  
Delta R.T.: -0.004 min  
Response: 2782908  
Conc: 17.76 ug/ml



#12 1-chlorooctadecane (SURR)

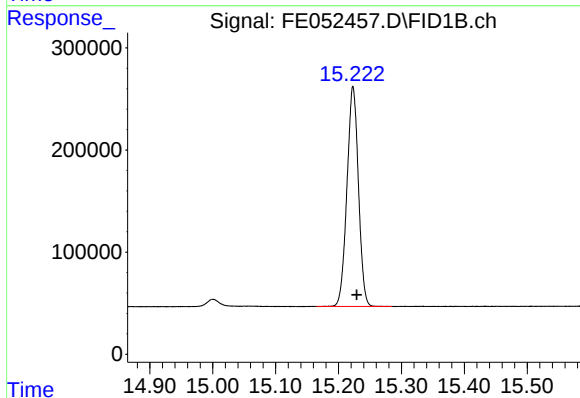
R.T.: 13.360 min  
Delta R.T.: -0.004 min  
Response: 2467359  
Conc: 17.75 ug/ml



#13 n-Docosane (C22)

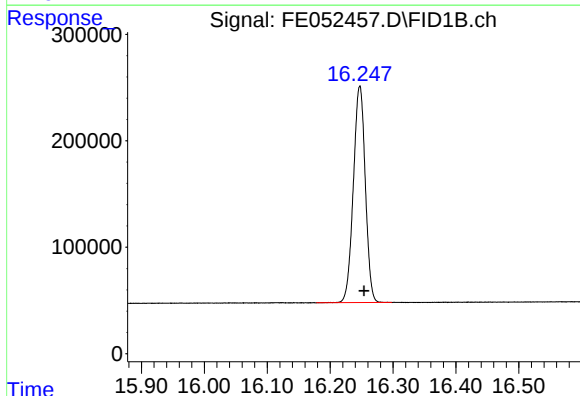
R.T.: 14.117 min  
Delta R.T.: -0.004 min  
Response: 2754988  
Conc: 17.60 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



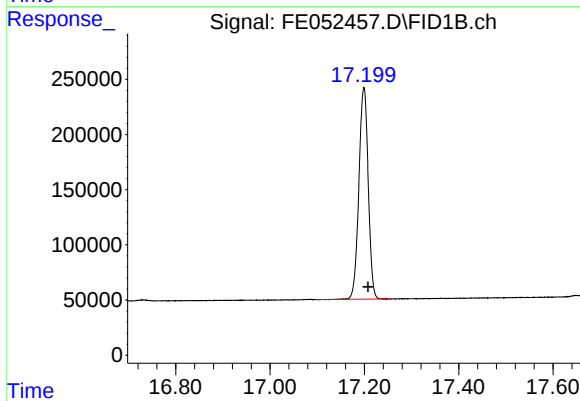
#14 n-Tetracosane (C24)

R.T.: 15.223 min  
Delta R.T.: -0.006 min  
Response: 2733279  
Conc: 17.38 ug/ml



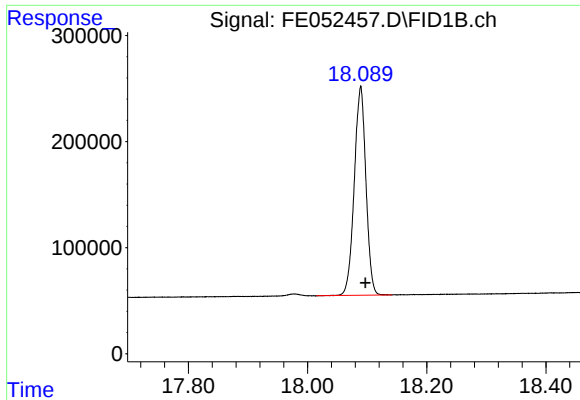
#15 n-Hexacosane (C26)

R.T.: 16.247 min  
Delta R.T.: -0.007 min  
Response: 2686195  
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

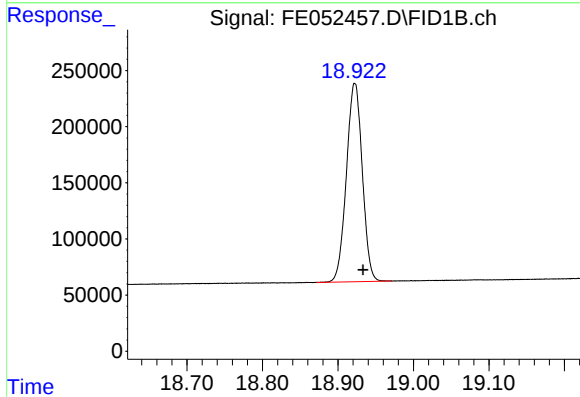
R.T.: 17.199 min  
Delta R.T.: -0.009 min  
Response: 2637645  
Conc: 17.24 ug/ml



#17 n-Tricontane (C30)

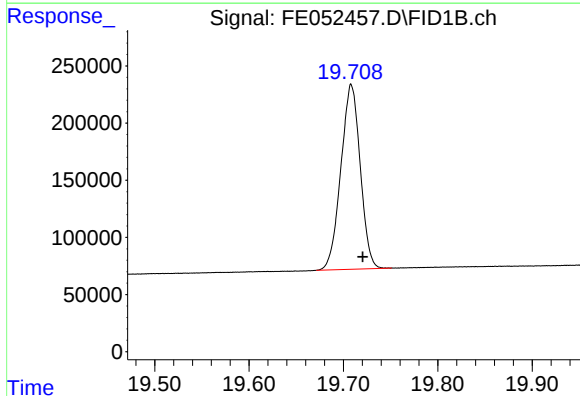
R.T.: 18.089 min  
Delta R.T.: -0.008 min  
Response: 2672404  
Conc: 17.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



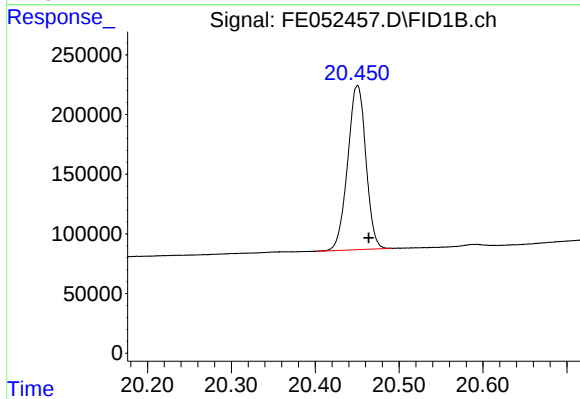
#18 n-Dotriacontane (C32)

R.T.: 18.922 min  
Delta R.T.: -0.011 min  
Response: 2584253  
Conc: 16.89 ug/ml



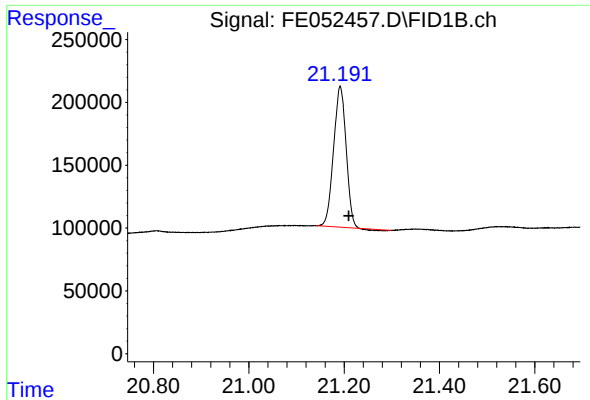
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min  
Delta R.T.: -0.012 min  
Response: 2305758  
Conc: 16.21 ug/ml



#20 n-Hexatriacontane (C36)

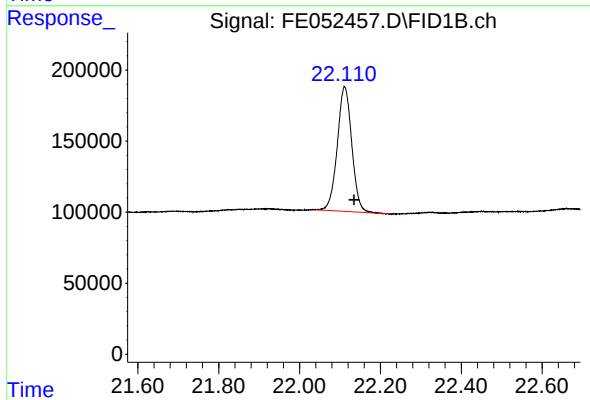
R.T.: 20.450 min  
Delta R.T.: -0.013 min  
Response: 2075804  
Conc: 16.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min  
Delta R.T.: -0.018 min  
Response: 2028628  
Conc: 18.56 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.112 min  
Delta R.T.: -0.024 min  
Response: 2184553  
Conc: 21.72 ug/ml