

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061923AL\  
 Data File : FE042705.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Jun 2023 15:00  
 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: Jun 20 01:54:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061723.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 19 02:33:05 2023  
 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)    | 11.930 | 3671535    | 18.960 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.92%       |
| 12) S 1-chlorooctadecane (S... | 13.367 | 2738316    | 18.991 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.308  | 2926608    | 18.728 ug/ml |
| 2) T n-Decane (C10)            | 4.560  | 2997530    | 18.788 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.270  | 3287984    | 19.129 ug/ml |
| 4) T n-Dodecane (C12)          | 6.730  | 3045020    | 18.815 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.367  | 3183116    | 19.228 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.560  | 3046600    | 18.901 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.168 | 3173432    | 18.862 ug/ml |
| 8) T n-Octadecane (C18)        | 11.611 | 3240625    | 18.887 ug/ml |
| 10) T n-Eicosane (C20)         | 12.921 | 3143593    | 18.941 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.533 | 3092911    | 18.986 ug/ml |
| 13) T n-Docosane (C22)         | 14.120 | 3068397    | 19.026 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.223 | 3021431    | 19.127 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.244 | 2905113    | 19.226 ug/ml |
| 16) T n-Octacosane (C28)       | 17.195 | 2763301    | 19.302 ug/ml |
| 17) T n-Tricontane (C30)       | 18.082 | 2733532    | 19.388 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.914 | 2637023    | 19.374 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.699 | 2548723    | 19.277 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.438 | 2458398    | 19.115 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.183 | 2425050    | 18.728 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.107 | 2450614    | 18.800 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

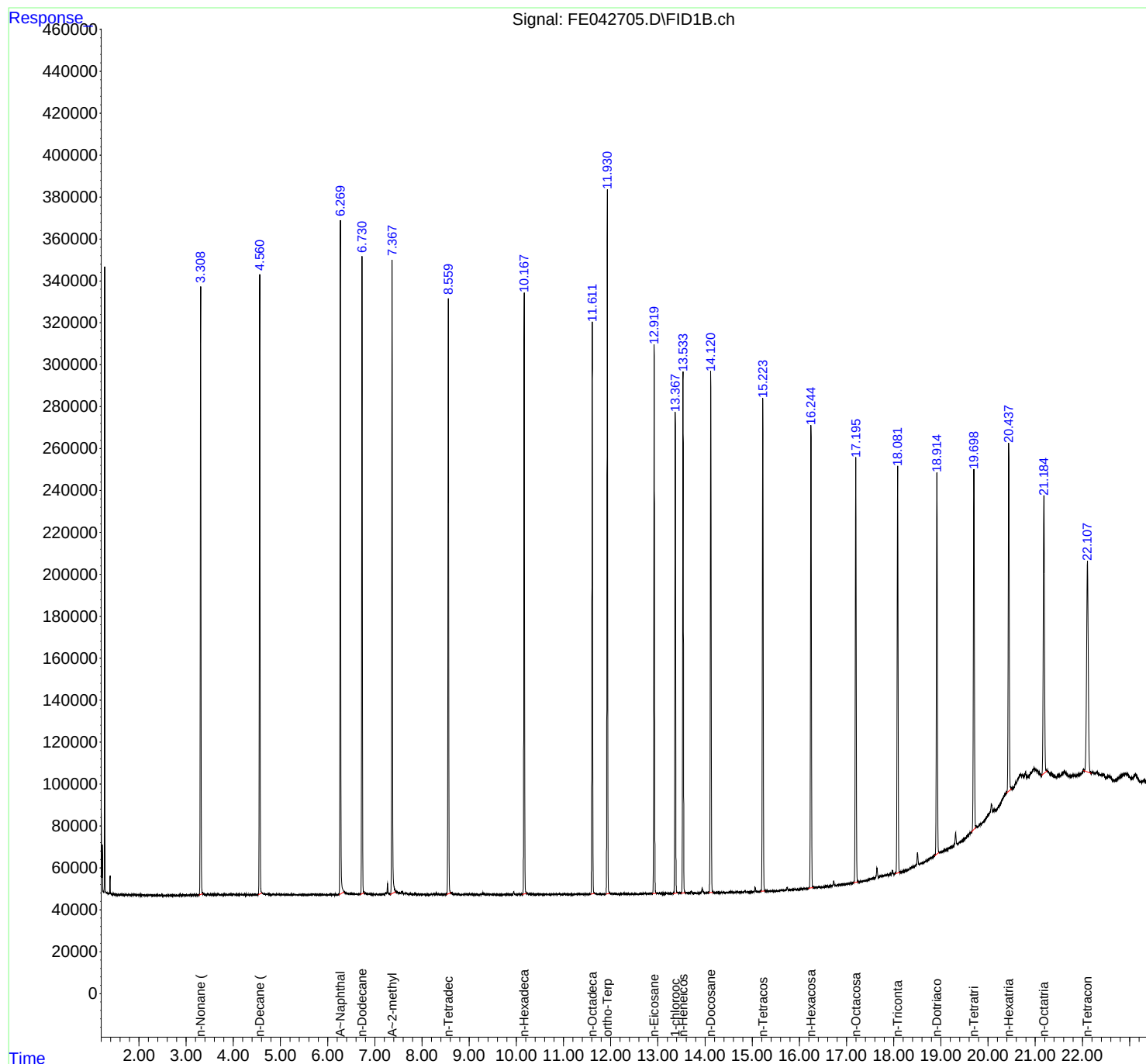
(m)=manual int.

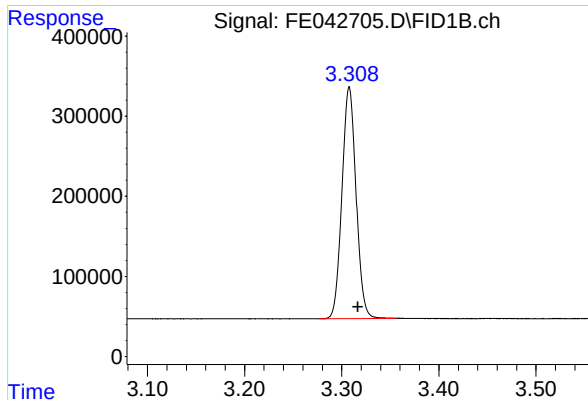
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061923AL\  
Data File : FE042705.D  
Signal(s) : FID1B.ch  
Acq On : 19 Jun 2023 15:00  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Jun 20 01:54:20 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061723.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 19 02:33:05 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

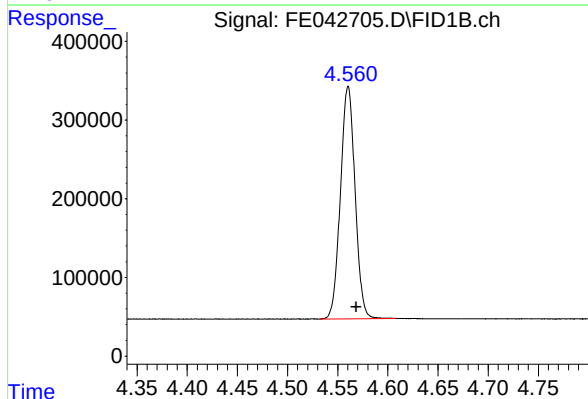




#1 n-Nonane (C9)

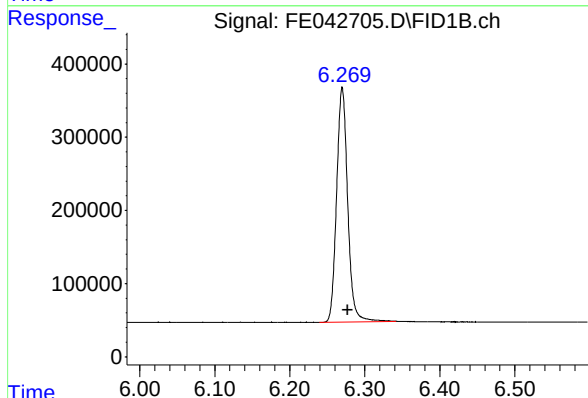
R.T.: 3.308 min  
Delta R.T.: -0.009 min  
Response: 2926608  
Conc: 18.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



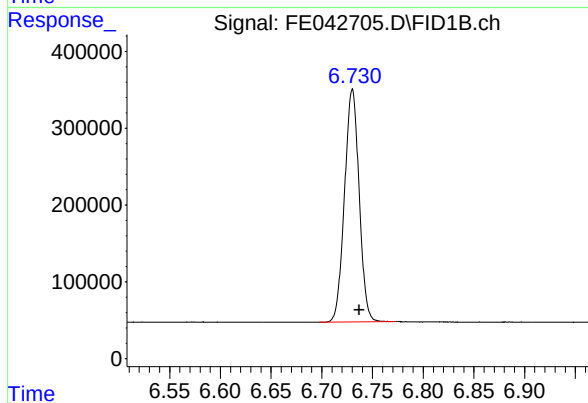
#2 n-Decane (C10)

R.T.: 4.560 min  
Delta R.T.: -0.008 min  
Response: 2997530  
Conc: 18.79 ug/ml



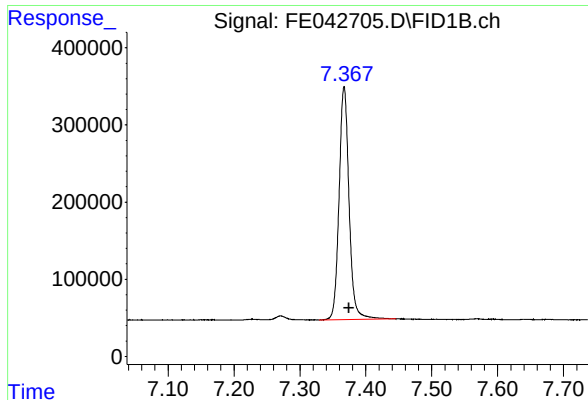
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min  
Delta R.T.: -0.007 min  
Response: 3287984  
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

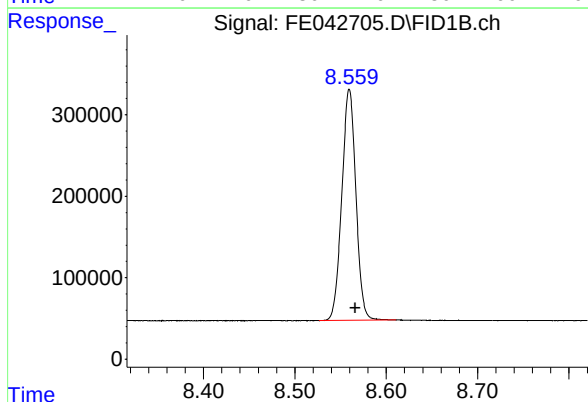
R.T.: 6.730 min  
Delta R.T.: -0.007 min  
Response: 3045020  
Conc: 18.82 ug/ml



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

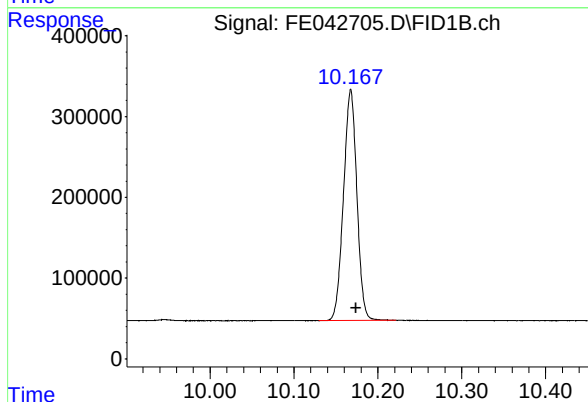
R.T.: 7.367 min  
Delta R.T.: -0.007 min  
Response: 3183116  
Conc: 19.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



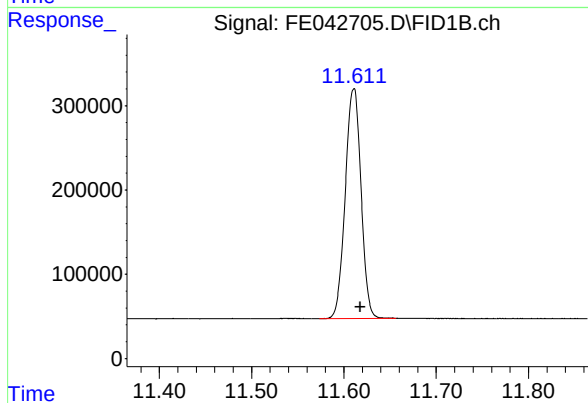
#6 n-Tetradecane (C14)

R.T.: 8.560 min  
Delta R.T.: -0.007 min  
Response: 3046600  
Conc: 18.90 ug/ml



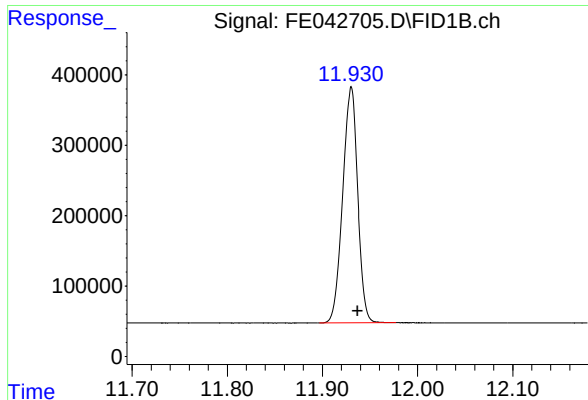
#7 n-Hexadecane (C16)

R.T.: 10.168 min  
Delta R.T.: -0.006 min  
Response: 3173432  
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

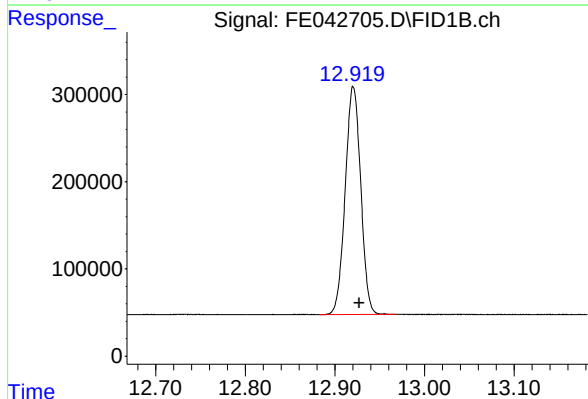
R.T.: 11.611 min  
Delta R.T.: -0.007 min  
Response: 3240625  
Conc: 18.89 ug/ml



#9 ortho-Terphenyl (SURR)

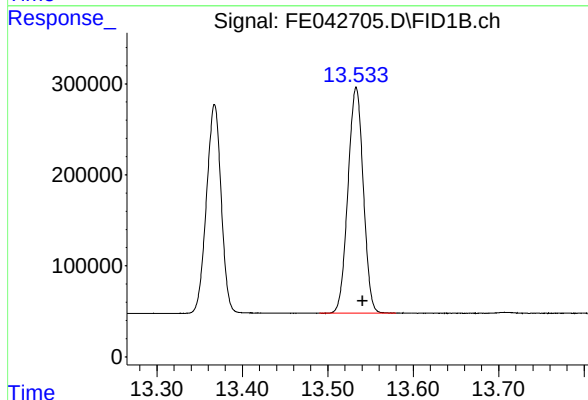
R.T.: 11.930 min  
Delta R.T.: -0.007 min  
Response: 3671535  
Conc: 18.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



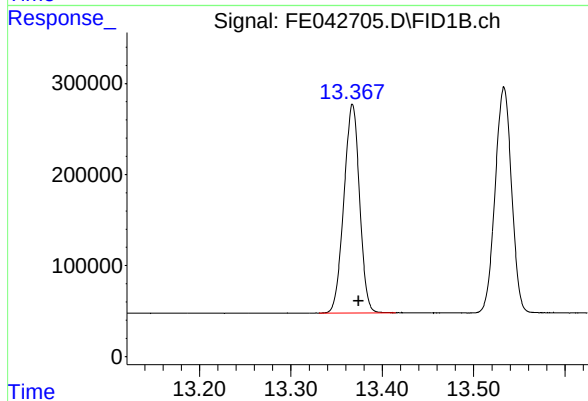
#10 n-Eicosane (C20)

R.T.: 12.921 min  
Delta R.T.: -0.007 min  
Response: 3143593  
Conc: 18.94 ug/ml



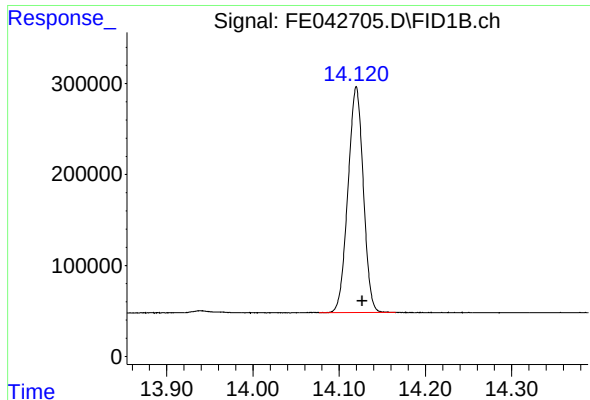
#11 n-Heneicosane (C21)

R.T.: 13.533 min  
Delta R.T.: -0.007 min  
Response: 3092911  
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

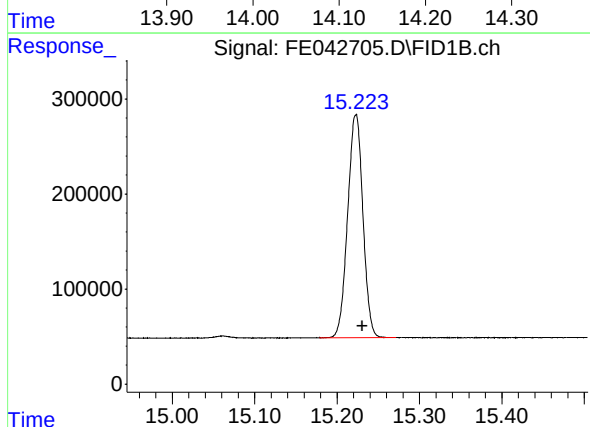
R.T.: 13.367 min  
Delta R.T.: -0.007 min  
Response: 2738316  
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

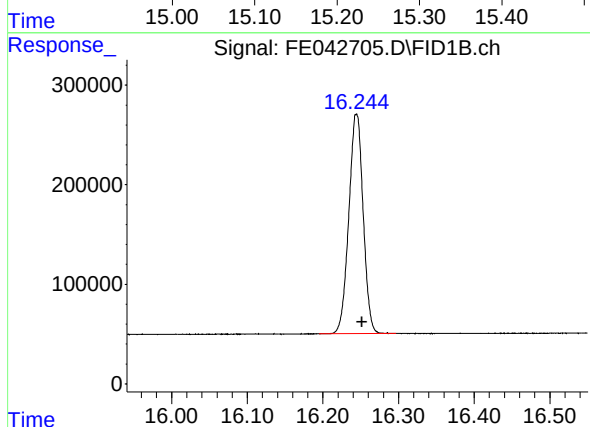
R.T.: 14.120 min  
Delta R.T.: -0.007 min  
Response: 3068397  
Conc: 19.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



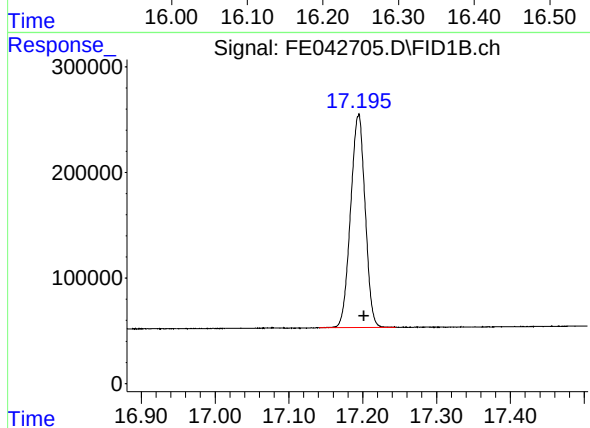
#14 n-Tetracosane (C24)

R.T.: 15.223 min  
Delta R.T.: -0.008 min  
Response: 3021431  
Conc: 19.13 ug/ml



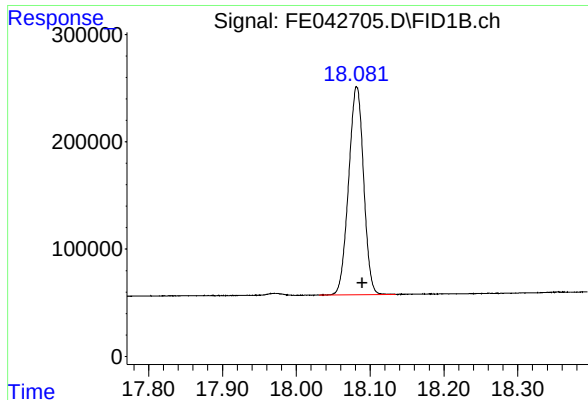
#15 n-Hexacosane (C26)

R.T.: 16.244 min  
Delta R.T.: -0.007 min  
Response: 2905113  
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

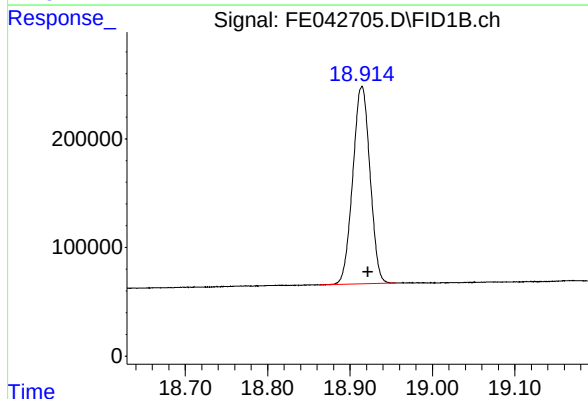
R.T.: 17.195 min  
Delta R.T.: -0.007 min  
Response: 2763301  
Conc: 19.30 ug/ml



#17 n-Tricontane (C30)

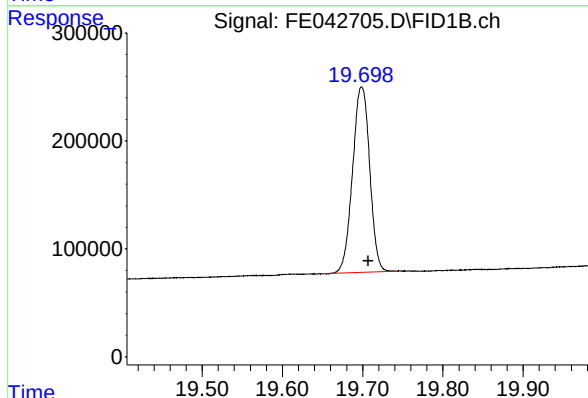
R.T.: 18.082 min  
Delta R.T.: -0.008 min  
Response: 2733532  
Conc: 19.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



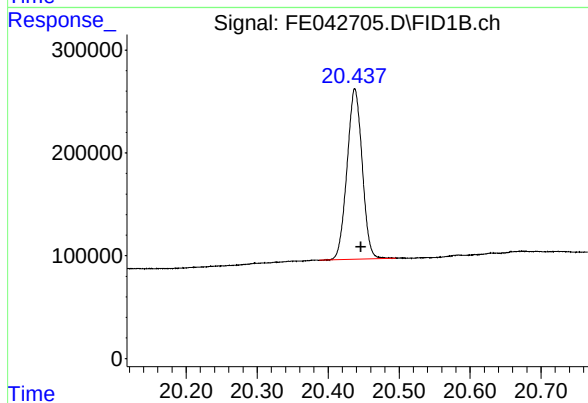
#18 n-Dotriacontane (C32)

R.T.: 18.914 min  
Delta R.T.: -0.007 min  
Response: 2637023  
Conc: 19.37 ug/ml



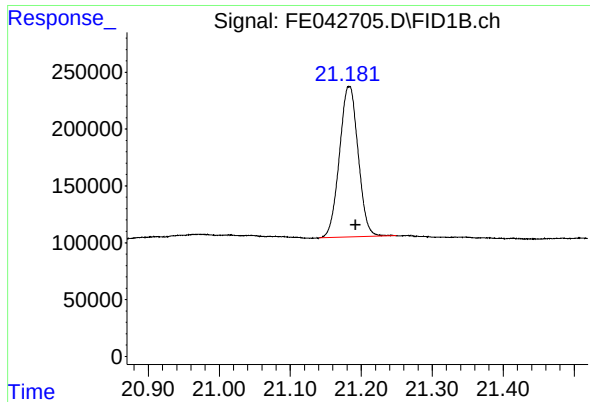
#19 n-Tetatriacontane (C34)

R.T.: 19.699 min  
Delta R.T.: -0.008 min  
Response: 2548723  
Conc: 19.28 ug/ml



#20 n-Hexatriacontane (C36)

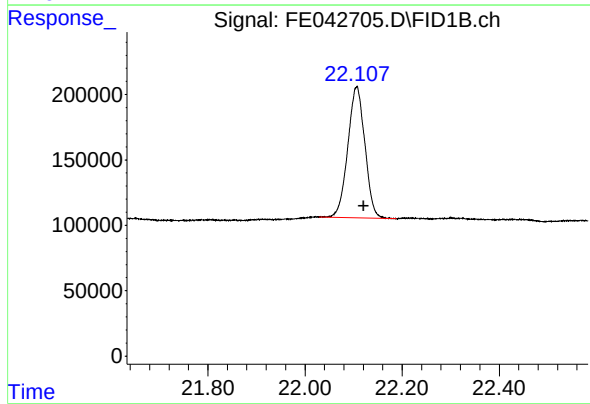
R.T.: 20.438 min  
Delta R.T.: -0.009 min  
Response: 2458398  
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min  
Delta R.T.: -0.009 min  
Response: 2425050  
Conc: 18.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.107 min  
Delta R.T.: -0.014 min  
Response: 2450614  
Conc: 18.80 ug/ml