

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051223AL\  
 Data File : FE041903.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 May 2023 02:50  
 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: May 13 03:14:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 07:33:51 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)    | 11.970 | 3613543    | 19.261 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.52%       |
| 12) S 1-chlorooctadecane (S... | 13.406 | 2677286    | 18.952 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.90%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.347  | 2780179    | 18.913 ug/ml |
| 2) T n-Decane (C10)            | 4.601  | 2930744    | 19.541 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.308  | 3230284    | 19.520 ug/ml |
| 4) T n-Dodecane (C12)          | 6.770  | 2964364    | 19.497 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.405  | 3167300    | 19.643 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.599  | 2994478    | 19.713 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.208 | 3139578    | 19.674 ug/ml |
| 8) T n-Octadecane (C18)        | 11.651 | 3211534    | 19.593 ug/ml |
| 10) T n-Eicosane (C20)         | 12.960 | 3097778    | 19.259 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.573 | 3041012    | 19.081 ug/ml |
| 13) T n-Docosane (C22)         | 14.159 | 3024327    | 18.982 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.263 | 3021446    | 18.741 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.283 | 2932350    | 18.548 ug/ml |
| 16) T n-Octacosane (C28)       | 17.235 | 2963365    | 19.259 ug/ml |
| 17) T n-Tricontane (C30)       | 18.123 | 3155574    | 20.719 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.955 | 3189161    | 21.407 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.740 | 3004060    | 21.324 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.480 | 3015179    | 22.547 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.229 | 2897201    | 21.926 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.168 | 2834601    | 22.388 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

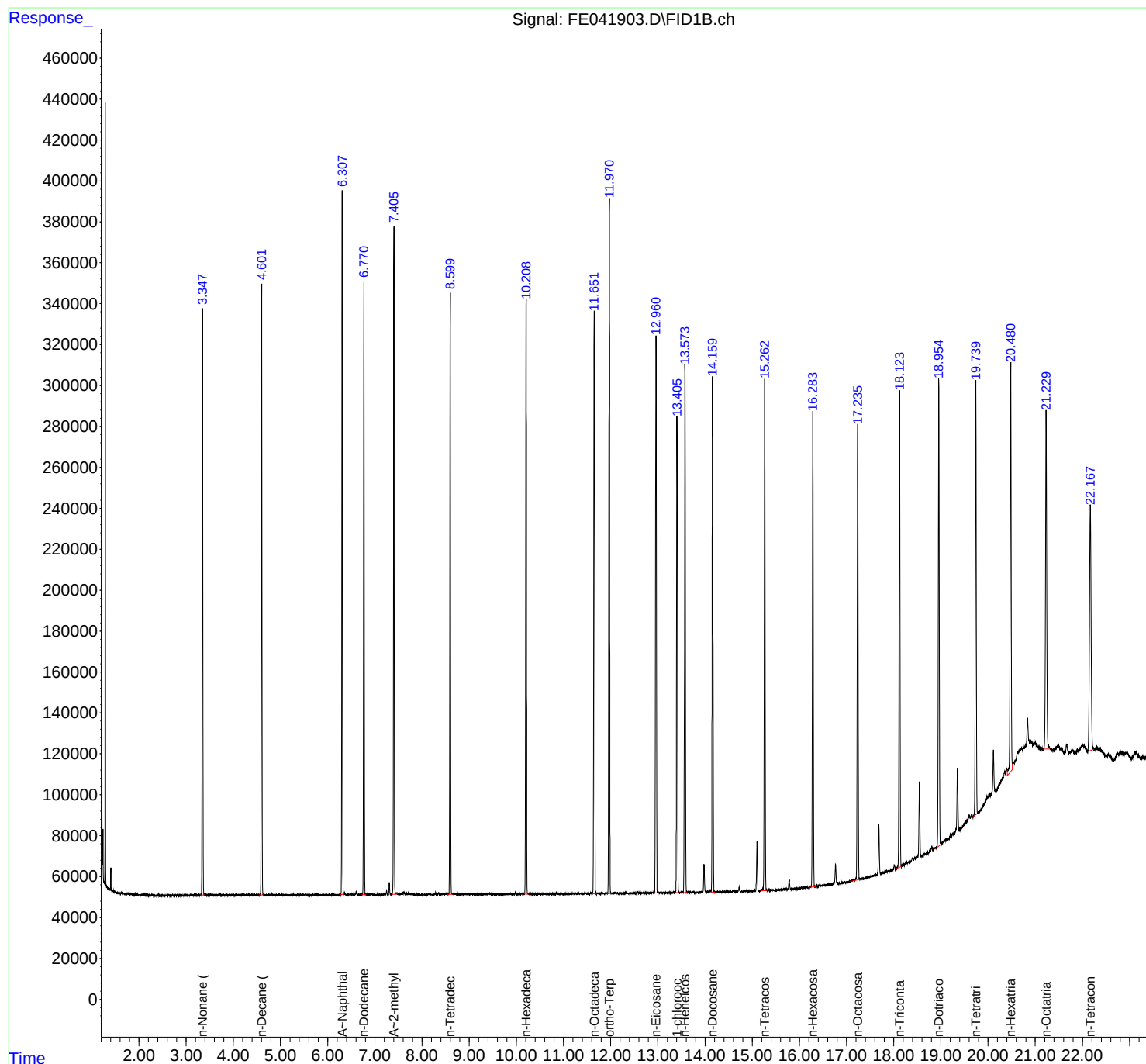
(m)=manual int.

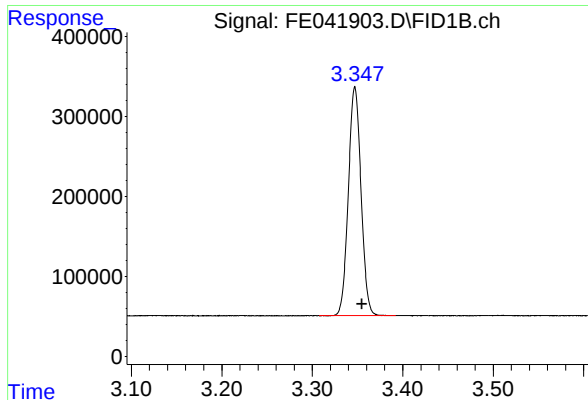
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051223AL\  
Data File : FE041903.D  
Signal(s) : FID1B.ch  
Acq On : 13 May 2023 02:50  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: May 13 03:14:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 07:33:51 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

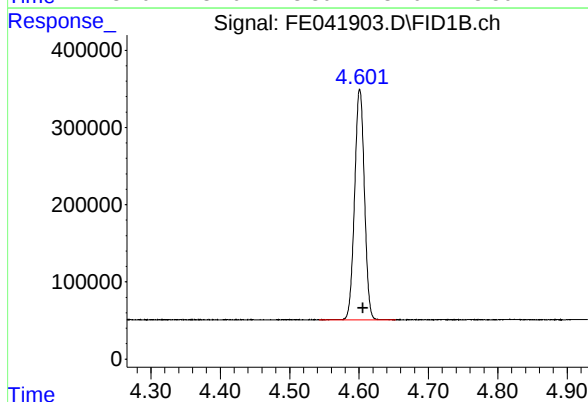




#1 n-Nonane (C9)

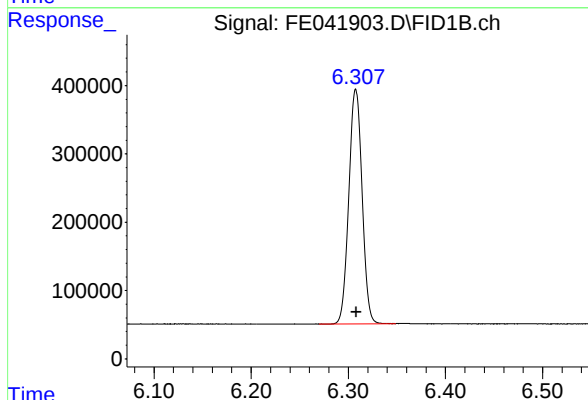
R.T.: 3.347 min  
Delta R.T.: -0.008 min  
Response: 2780179  
Conc: 18.91 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



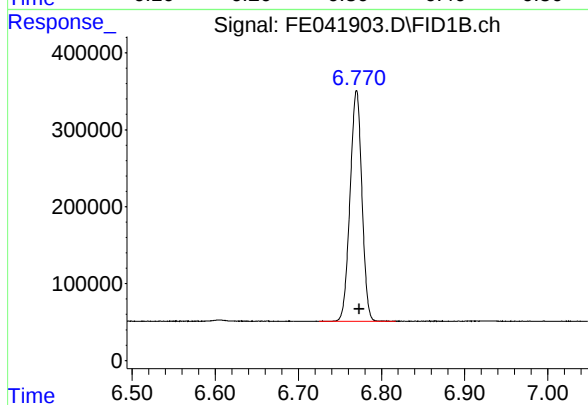
#2 n-Decane (C10)

R.T.: 4.601 min  
Delta R.T.: -0.005 min  
Response: 2930744  
Conc: 19.54 ug/ml



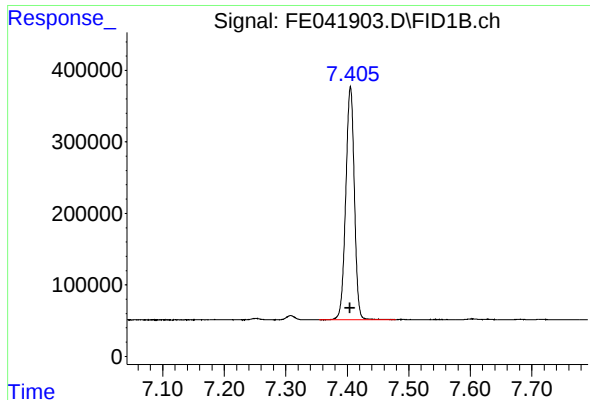
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 3230284  
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

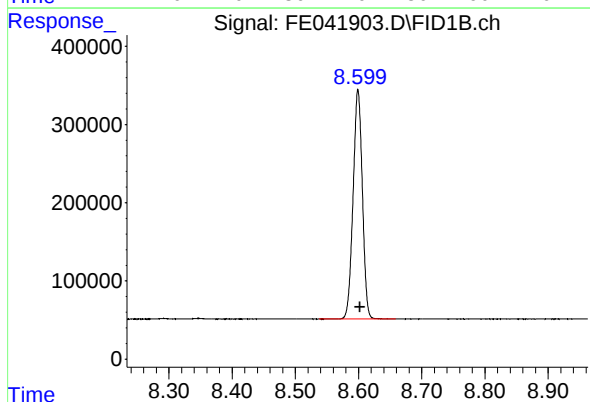
R.T.: 6.770 min  
Delta R.T.: -0.003 min  
Response: 2964364  
Conc: 19.50 ug/ml



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

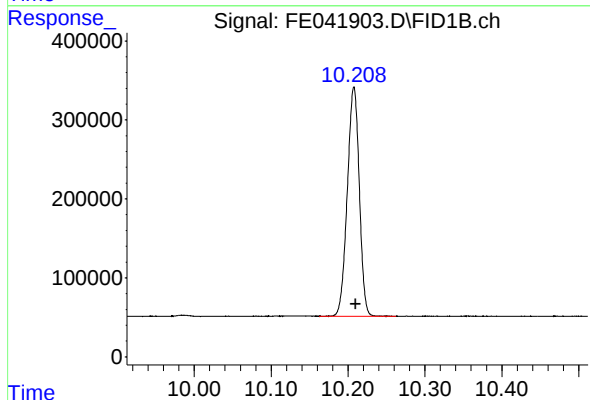
R.T.: 7.405 min  
Delta R.T.: 0.000 min  
Response: 3167300  
Conc: 19.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



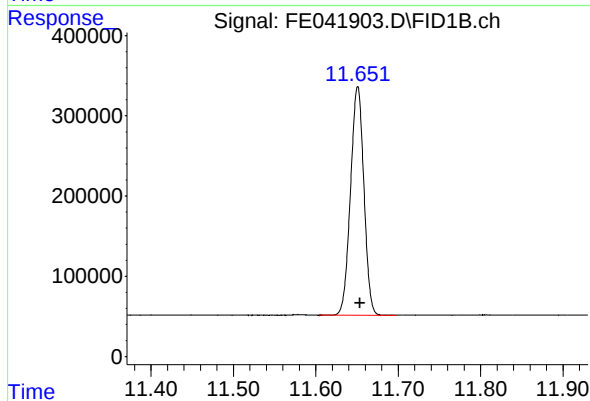
#6 n-Tetradecane (C14)

R.T.: 8.599 min  
Delta R.T.: -0.003 min  
Response: 2994478  
Conc: 19.71 ug/ml



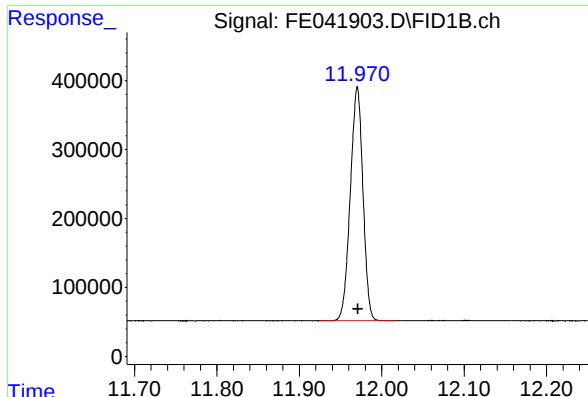
#7 n-Hexadecane (C16)

R.T.: 10.208 min  
Delta R.T.: -0.002 min  
Response: 3139578  
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

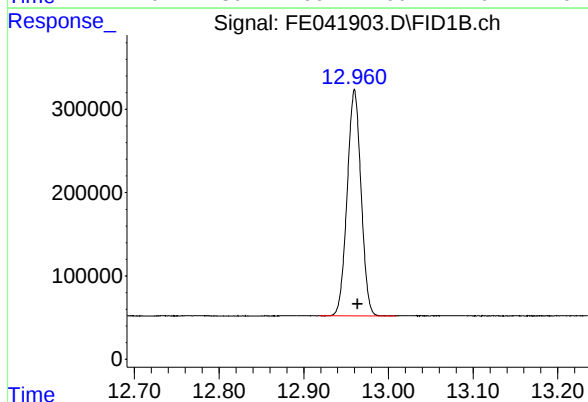
R.T.: 11.651 min  
Delta R.T.: -0.003 min  
Response: 3211534  
Conc: 19.59 ug/ml



#9 ortho-Terphenyl (SURR)

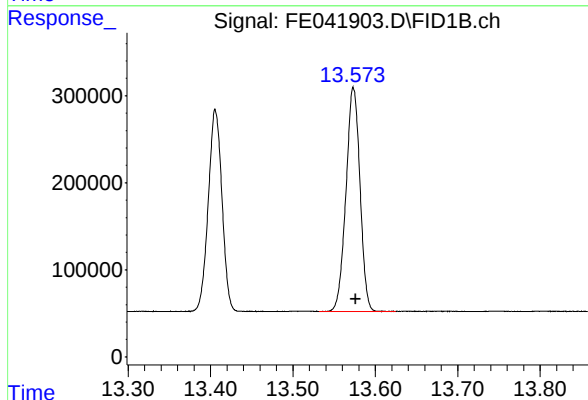
R.T.: 11.970 min  
Delta R.T.: -0.001 min  
Response: 3613543  
Conc: 19.26 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



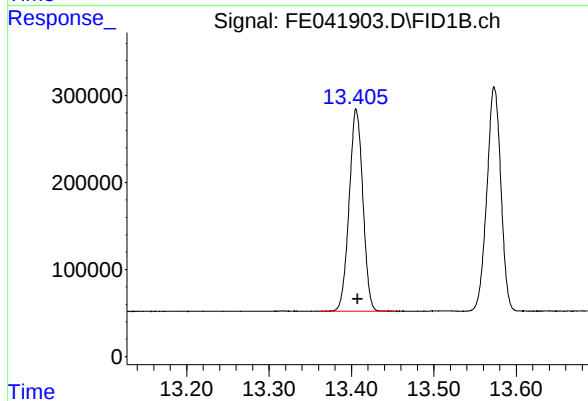
#10 n-Eicosane (C20)

R.T.: 12.960 min  
Delta R.T.: -0.004 min  
Response: 3097778  
Conc: 19.26 ug/ml



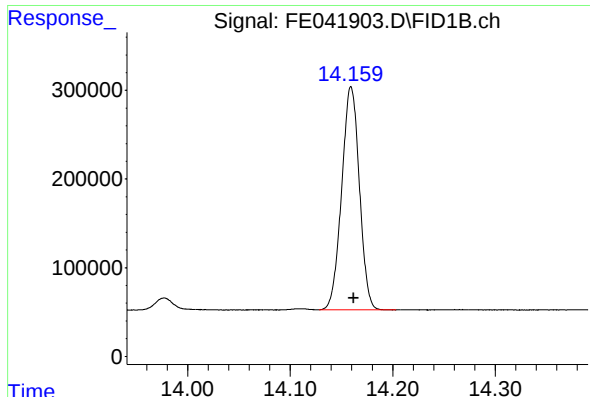
#11 n-Heneicosane (C21)

R.T.: 13.573 min  
Delta R.T.: -0.003 min  
Response: 3041012  
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min  
Delta R.T.: -0.002 min  
Response: 2677286  
Conc: 18.95 ug/ml



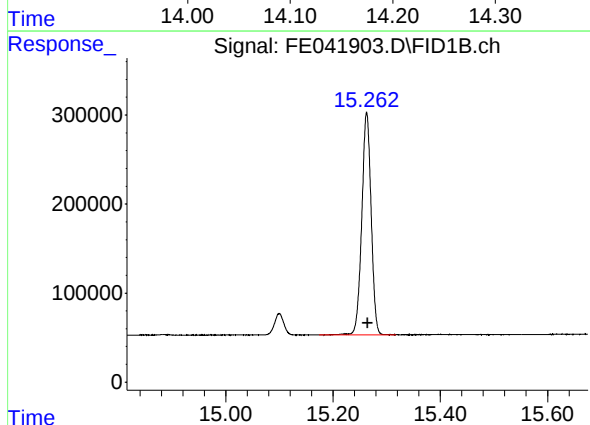
#13 n-Docosane (C22)

R.T.: 14.159 min  
Delta R.T.: -0.003 min  
Response: 3024327  
Conc: 18.98 ug/ml

Instrument :

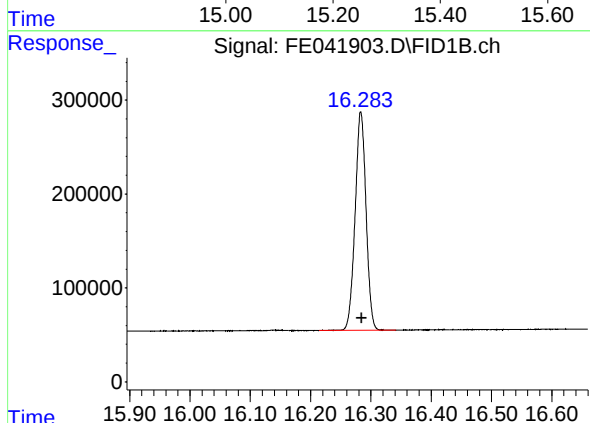
FID\_E

ClientSampleId :



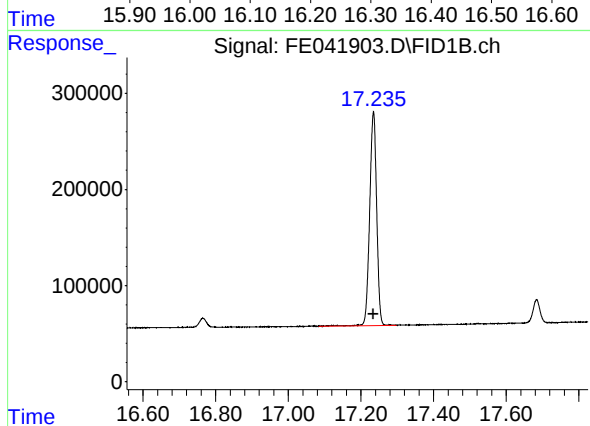
#14 n-Tetracosane (C24)

R.T.: 15.263 min  
Delta R.T.: -0.002 min  
Response: 3021446  
Conc: 18.74 ug/ml



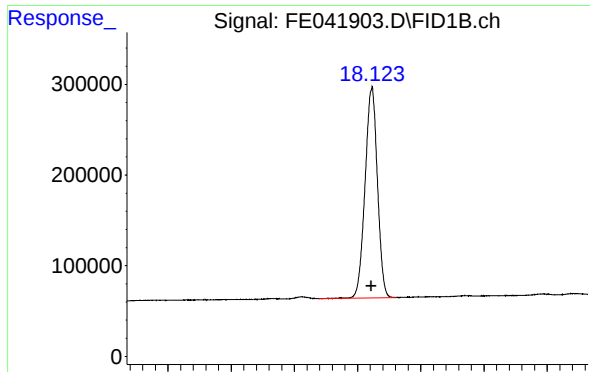
#15 n-Hexacosane (C26)

R.T.: 16.283 min  
Delta R.T.: -0.001 min  
Response: 2932350  
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

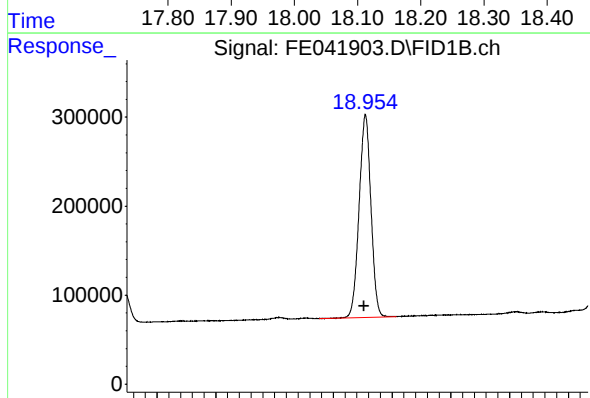
R.T.: 17.235 min  
Delta R.T.: 0.000 min  
Response: 2963365  
Conc: 19.26 ug/ml



#17 n-Tricontane (C30)

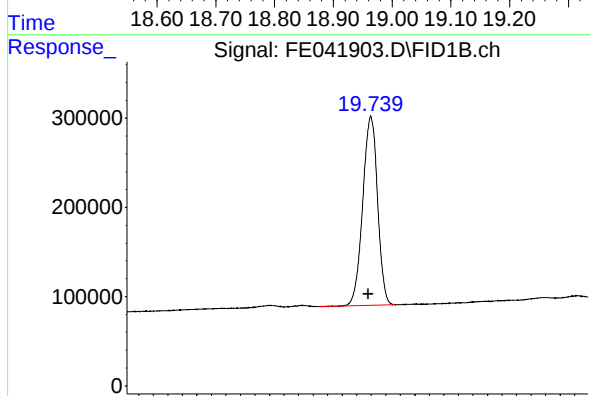
R.T.: 18.123 min  
Delta R.T.: 0.001 min  
Response: 3155574  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



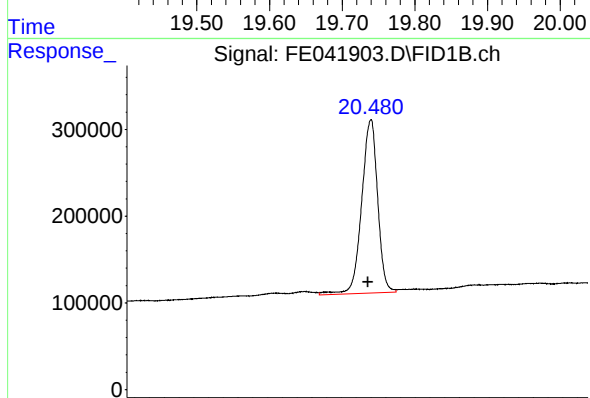
#18 n-Dotriacontane (C32)

R.T.: 18.955 min  
Delta R.T.: 0.003 min  
Response: 3189161  
Conc: 21.41 ug/ml



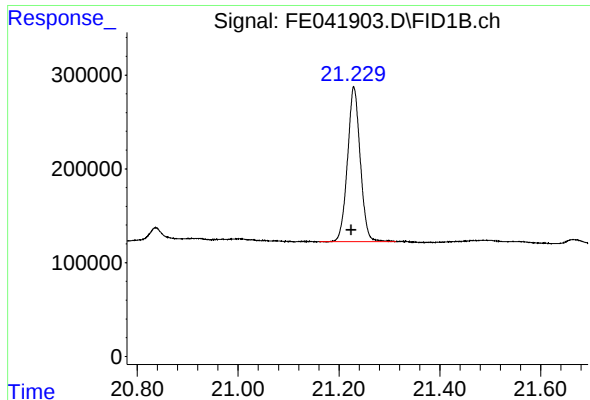
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min  
Delta R.T.: 0.004 min  
Response: 3004060  
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

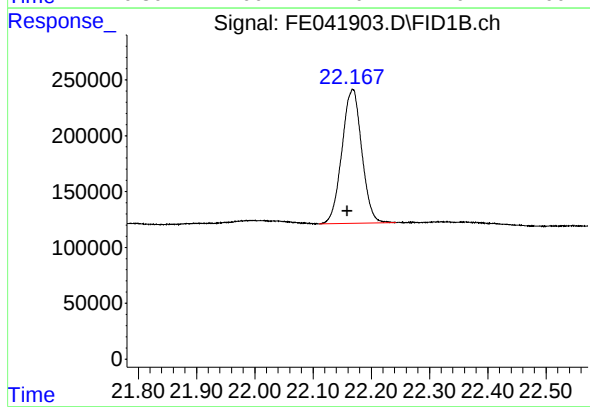
R.T.: 20.480 min  
Delta R.T.: 0.004 min  
Response: 3015179  
Conc: 22.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min  
Delta R.T.: 0.005 min  
Response: 2897201  
Conc: 21.93 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.168 min  
Delta R.T.: 0.010 min  
Response: 2834601  
Conc: 22.39 ug/ml