

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052023AL\  
 Data File : FE042017.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 May 2023 14:27  
 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: May 20 00:29:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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 | 3976150    | 22.518 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 45.04%       |
| 12) S 1-chlorooctadecane (S... | 13.406 | 2976285    | 22.399 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.80%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.348  | 3123848    | 21.664 ug/ml |
| 2) T n-Decane (C10)            | 4.600  | 3191393    | 21.558 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.308  | 3551474    | 21.767 ug/ml |
| 4) T n-Dodecane (C12)          | 6.769  | 3259931    | 21.739 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.406  | 3462781    | 21.819 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.599  | 3263684    | 21.786 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.206 | 3413086    | 21.911 ug/ml |
| 8) T n-Octadecane (C18)        | 11.650 | 3488278    | 22.059 ug/ml |
| 10) T n-Eicosane (C20)         | 12.961 | 3390181    | 22.365 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.573 | 3357790    | 22.664 ug/ml |
| 13) T n-Docosane (C22)         | 14.159 | 3324517    | 22.678 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.264 | 3274898    | 22.686 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.285 | 3150668    | 22.749 ug/ml |
| 16) T n-Octacosane (C28)       | 17.234 | 2979398    | 22.254 ug/ml |
| 17) T n-Tricontane (C30)       | 18.121 | 2904412    | 21.516 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.954 | 2772968    | 20.757 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.738 | 2633827    | 20.027 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.478 | 2616121    | 20.128 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.231 | 2554903    | 18.831 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.167 | 2530127    | 18.187 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

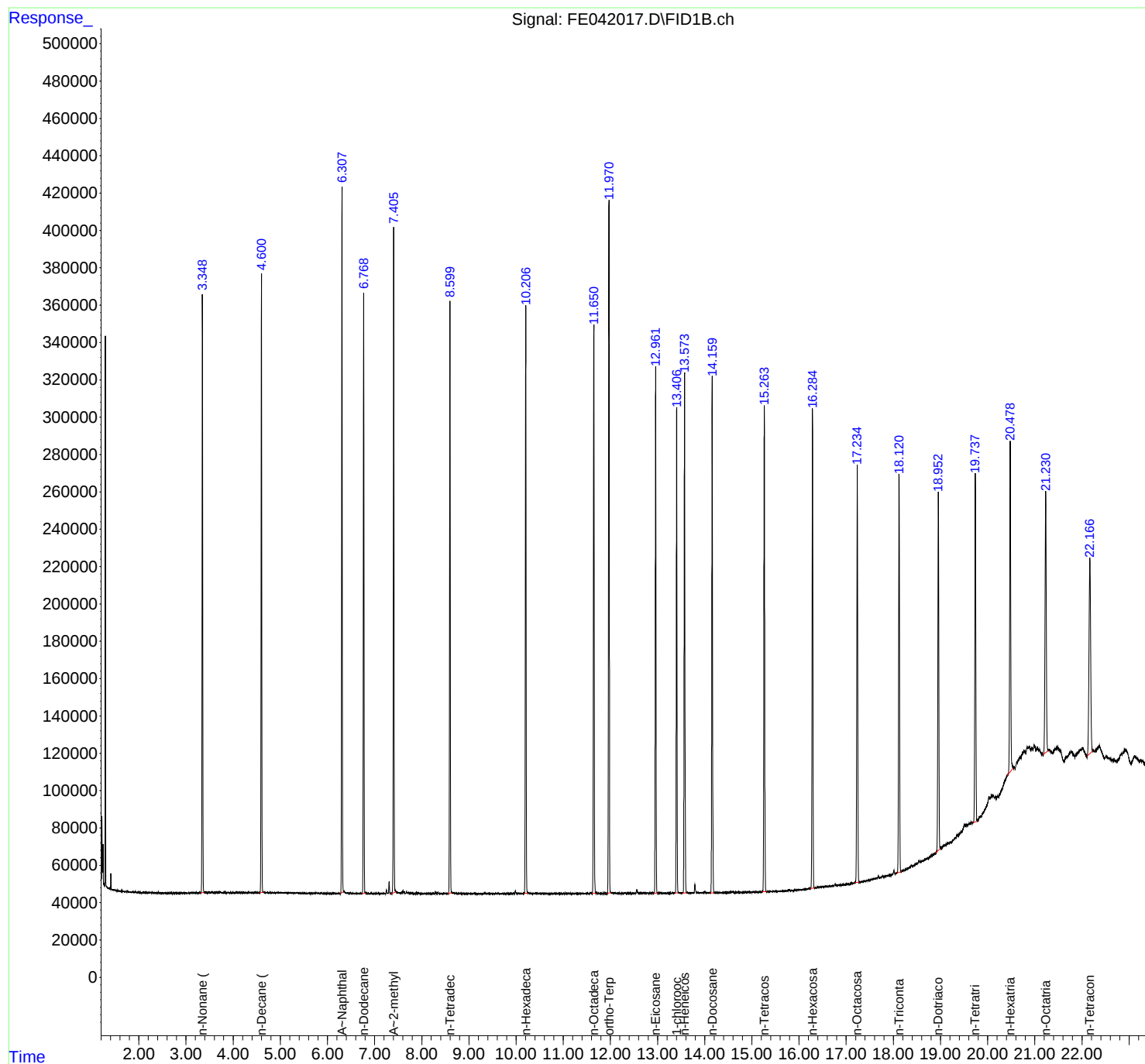
(m)=manual int.

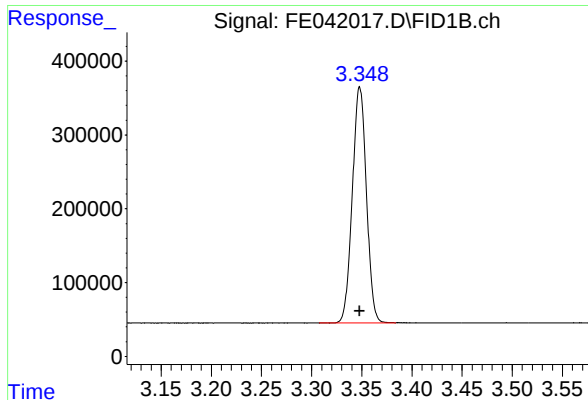
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052023AL\  
Data File : FE042017.D  
Signal(s) : FID1B.ch  
Acq On : 19 May 2023 14:27  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: May 20 00:29:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
Quant Title : GC Extractables  
QLast Update : Thu May 18 06:27:12 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

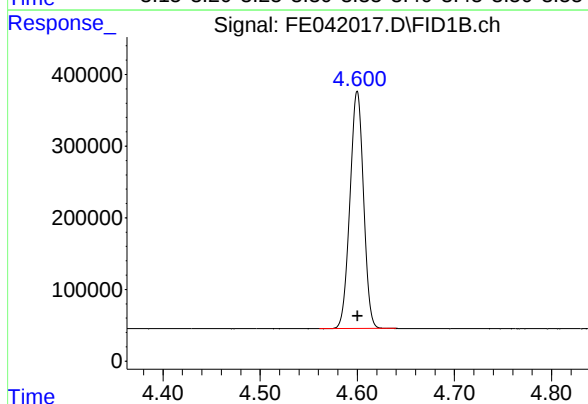




#1 n-Nonane (C9)

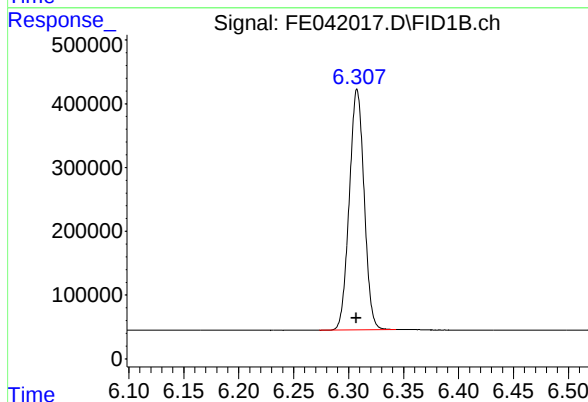
R.T.: 3.348 min  
Delta R.T.: 0.000 min  
Response: 3123848  
Conc: 21.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



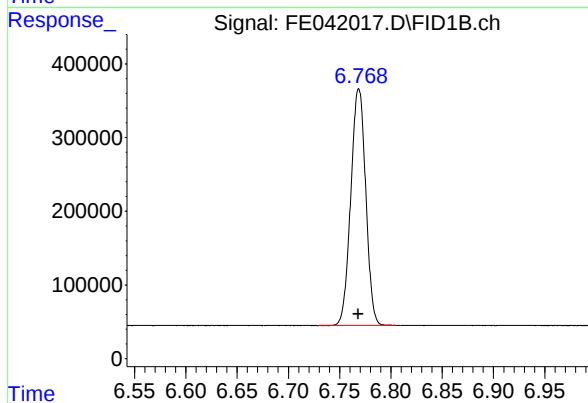
#2 n-Decane (C10)

R.T.: 4.600 min  
Delta R.T.: 0.000 min  
Response: 3191393  
Conc: 21.56 ug/ml



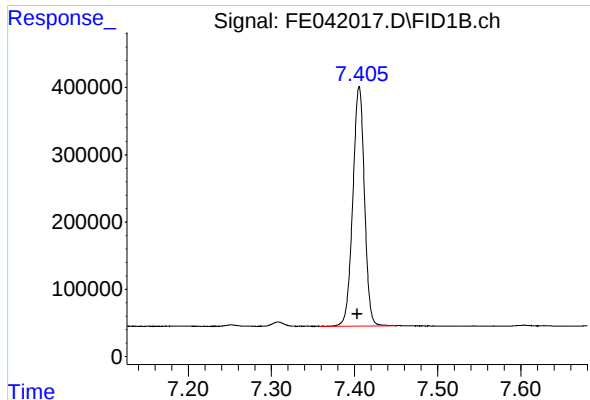
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min  
Delta R.T.: 0.001 min  
Response: 3551474  
Conc: 21.77 ug/ml



#4 n-Dodecane (C12)

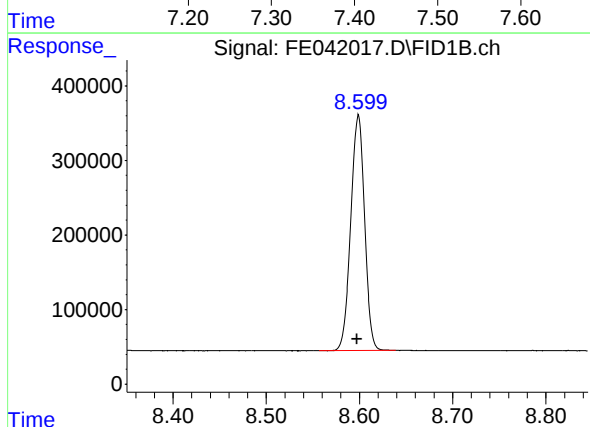
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 3259931  
Conc: 21.74 ug/ml



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

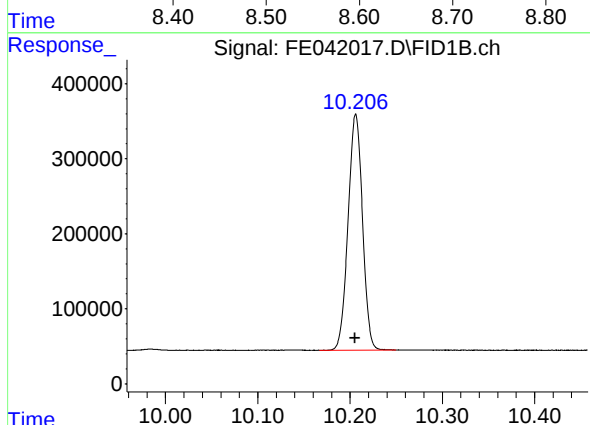
R.T.: 7.406 min  
Delta R.T.: 0.002 min  
Response: 3462781  
Conc: 21.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



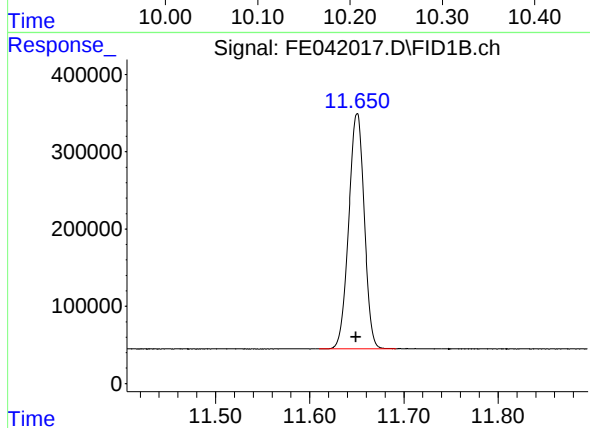
#6 n-Tetradecane (C14)

R.T.: 8.599 min  
Delta R.T.: 0.002 min  
Response: 3263684  
Conc: 21.79 ug/ml



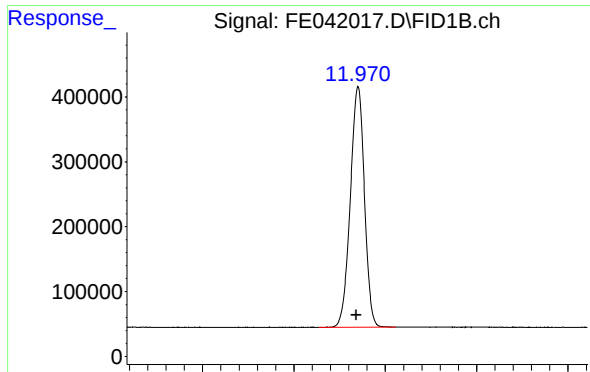
#7 n-Hexadecane (C16)

R.T.: 10.206 min  
Delta R.T.: 0.000 min  
Response: 3413086  
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

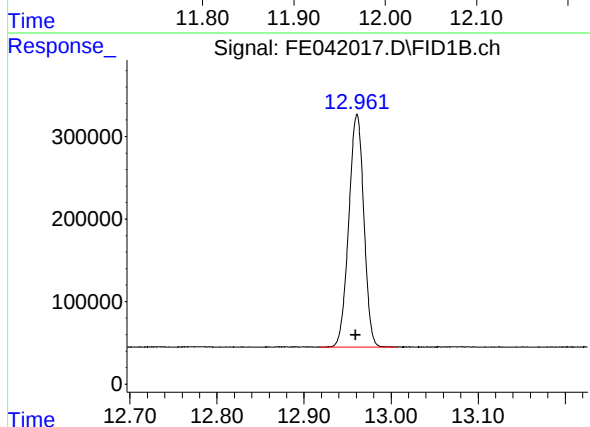
R.T.: 11.650 min  
Delta R.T.: 0.001 min  
Response: 3488278  
Conc: 22.06 ug/ml



#9 ortho-Terphenyl (SURR)

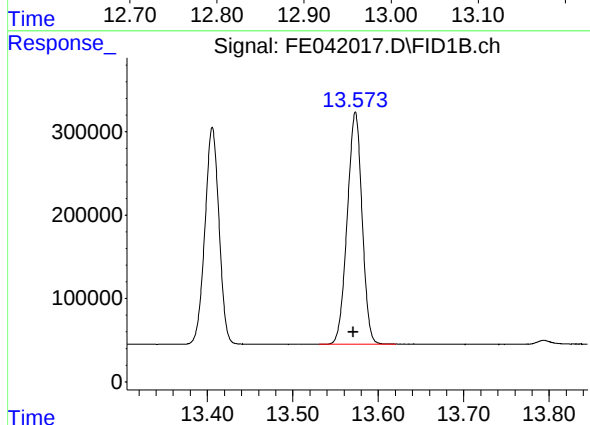
R.T.: 11.970 min  
Delta R.T.: 0.002 min  
Response: 3976150  
Conc: 22.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



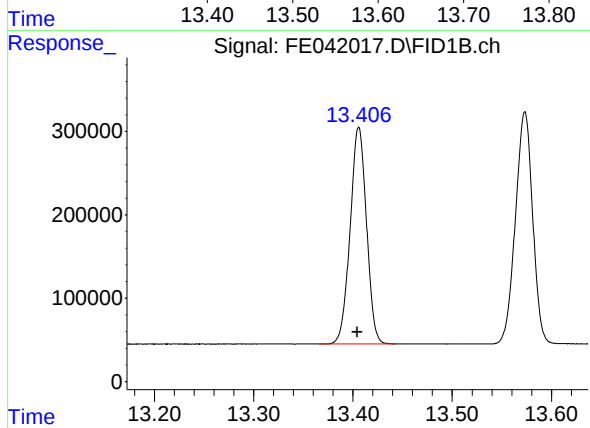
#10 n-Eicosane (C20)

R.T.: 12.961 min  
Delta R.T.: 0.002 min  
Response: 3390181  
Conc: 22.37 ug/ml



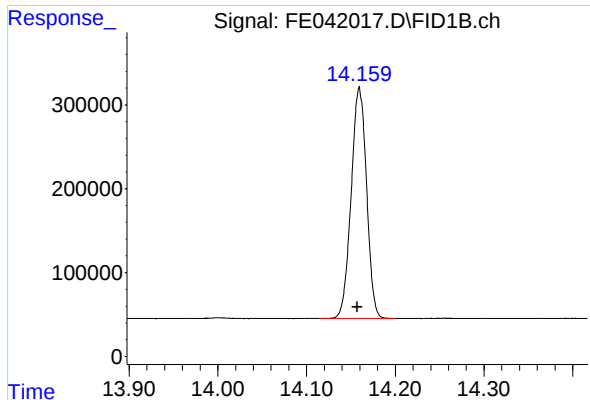
#11 n-Heneicosane (C21)

R.T.: 13.573 min  
Delta R.T.: 0.002 min  
Response: 3357790  
Conc: 22.66 ug/ml



#12 1-chlorooctadecane (SURR)

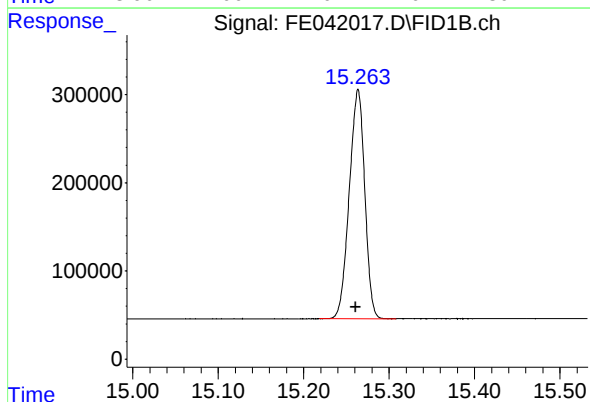
R.T.: 13.406 min  
Delta R.T.: 0.002 min  
Response: 2976285  
Conc: 22.40 ug/ml



#13 n-Docosane (C22)

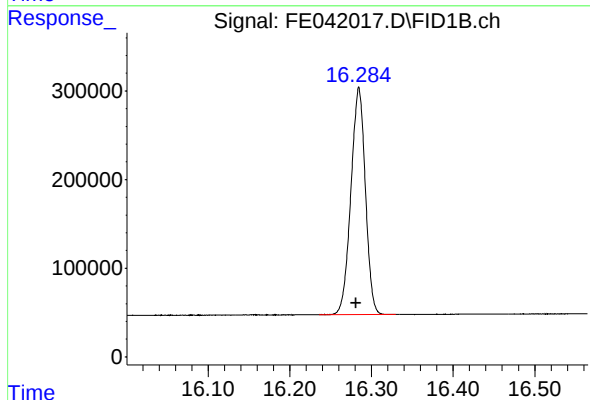
R.T.: 14.159 min  
Delta R.T.: 0.002 min  
Response: 3324517  
Conc: 22.68 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



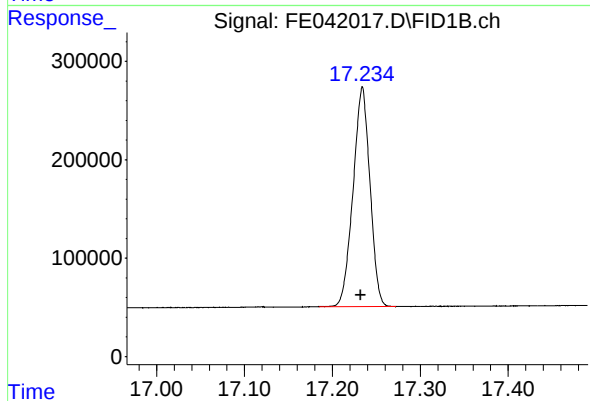
#14 n-Tetracosane (C24)

R.T.: 15.264 min  
Delta R.T.: 0.003 min  
Response: 3274898  
Conc: 22.69 ug/ml



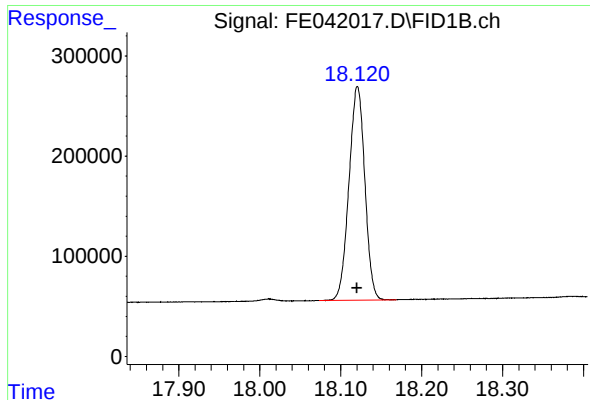
#15 n-Hexacosane (C26)

R.T.: 16.285 min  
Delta R.T.: 0.004 min  
Response: 3150668  
Conc: 22.75 ug/ml



#16 n-Octacosane (C28)

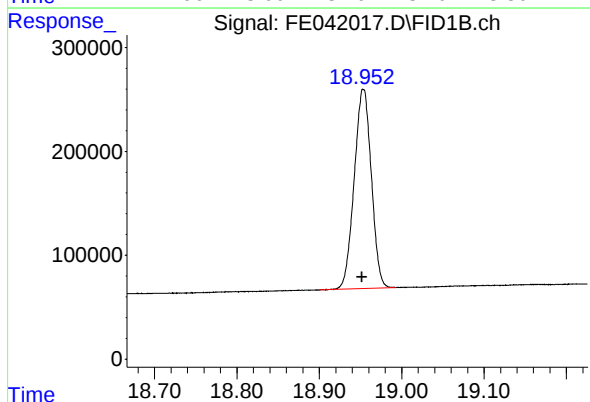
R.T.: 17.234 min  
Delta R.T.: 0.002 min  
Response: 2979398  
Conc: 22.25 ug/ml



#17 n-Tricontane (C30)

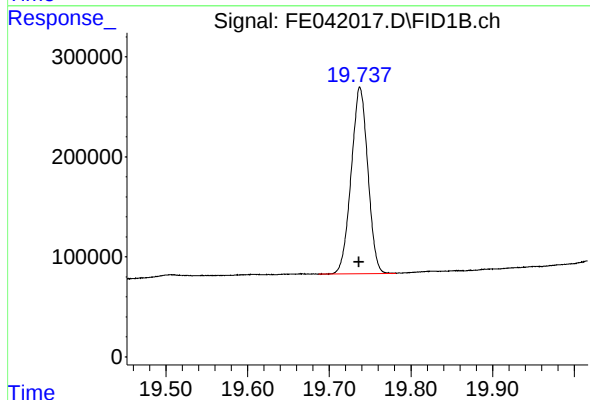
R.T.: 18.121 min  
Delta R.T.: 0.000 min  
Response: 2904412  
Conc: 21.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



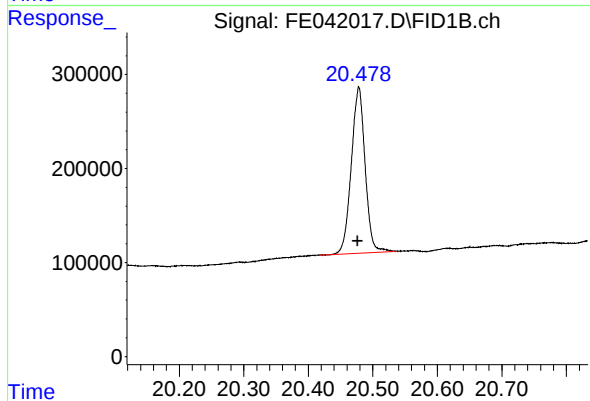
#18 n-Dotriacontane (C32)

R.T.: 18.954 min  
Delta R.T.: 0.002 min  
Response: 2772968  
Conc: 20.76 ug/ml



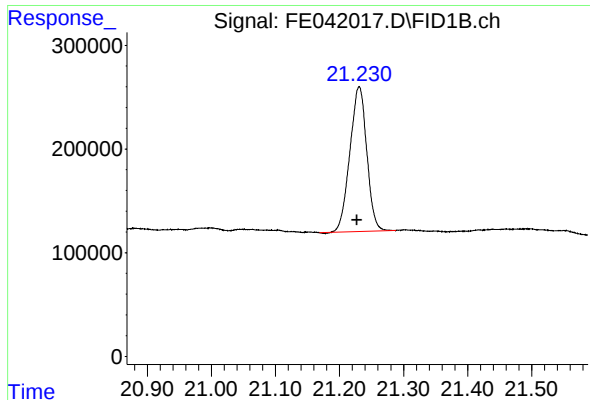
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min  
Delta R.T.: 0.001 min  
Response: 2633827  
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

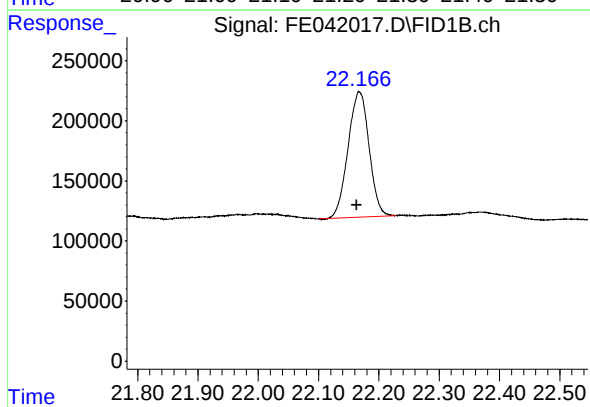
R.T.: 20.478 min  
Delta R.T.: 0.002 min  
Response: 2616121  
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min  
Delta R.T.: 0.003 min  
Response: 2554903  
Conc: 18.83 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.167 min  
Delta R.T.: 0.004 min  
Response: 2530127  
Conc: 18.19 ug/ml