

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020924AL\  
 Data File : FE046663.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Feb 2024 08:55  
 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: Feb 10 03:52:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 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)    | 11.812 | 3350290    | 18.119 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.24%       |
| 12) S 1-chlorooctadecane (S... | 13.253 | 2534491    | 17.814 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.63%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.200  | 3074413    | 19.033 ug/ml |
| 2) T n-Decane (C10)            | 4.451  | 3271592    | 19.963 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.156  | 3377466    | 19.751 ug/ml |
| 4) T n-Dodecane (C12)          | 6.619  | 3302414    | 19.965 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.252  | 3143766    | 19.711 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.444  | 3230770    | 19.712 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.053 | 3282970    | 19.212 ug/ml |
| 8) T n-Octadecane (C18)        | 11.498 | 3260732    | 18.703 ug/ml |
| 10) T n-Eicosane (C20)         | 12.808 | 3079928    | 18.140 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.420 | 2992084    | 17.939 ug/ml |
| 13) T n-Docosane (C22)         | 14.008 | 2972810    | 17.944 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.111 | 2934144    | 17.782 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.133 | 2883172    | 17.863 ug/ml |
| 16) T n-Octacosane (C28)       | 17.085 | 2864480    | 18.247 ug/ml |
| 17) T n-Tricontane (C30)       | 17.972 | 2927823    | 18.692 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.808 | 2874446    | 19.016 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.593 | 2690497    | 18.969 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.335 | 2756569    | 19.998 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.061 | 2970679    | 23.173 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.947 | 2563895    | 20.505 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

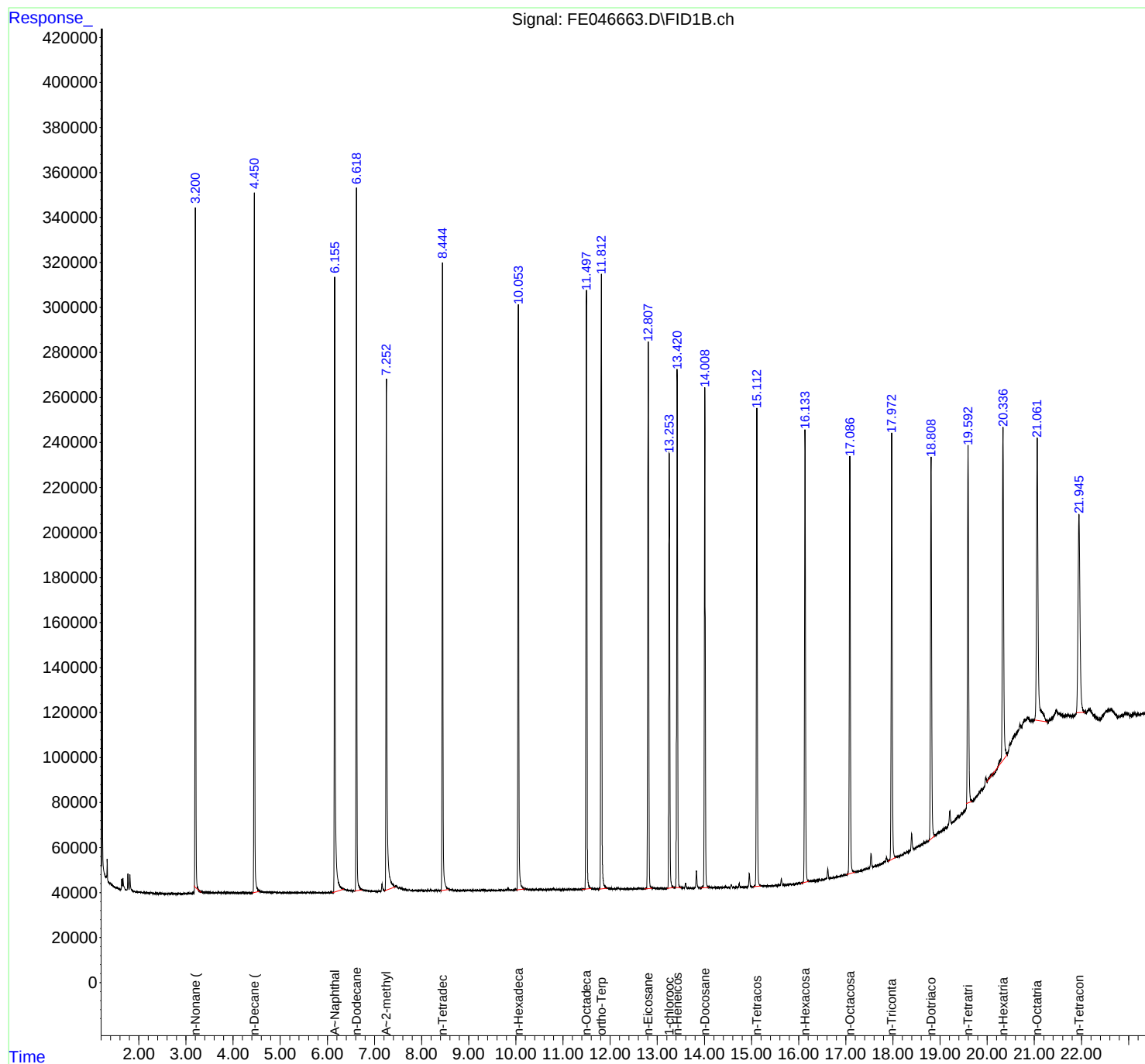
(m)=manual int.

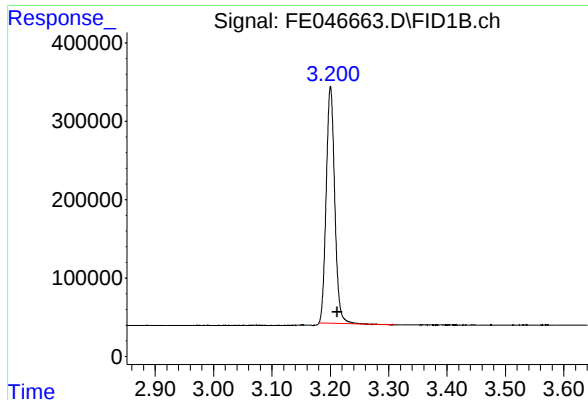
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020924AL\  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
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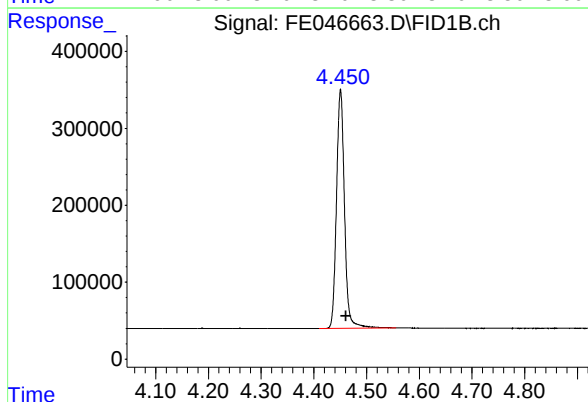




#1 n-Nonane (C9)

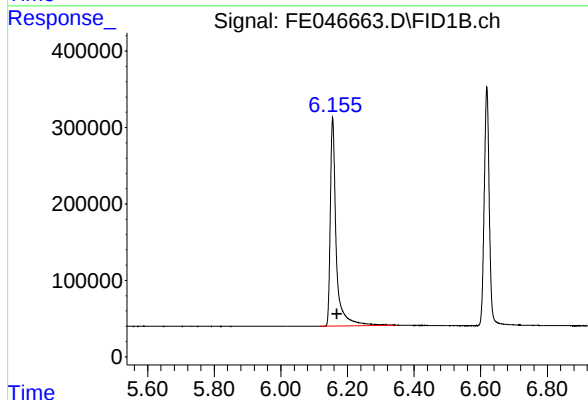
R.T.: 3.200 min  
Delta R.T.: -0.012 min  
Response: 3074413  
Conc: 19.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



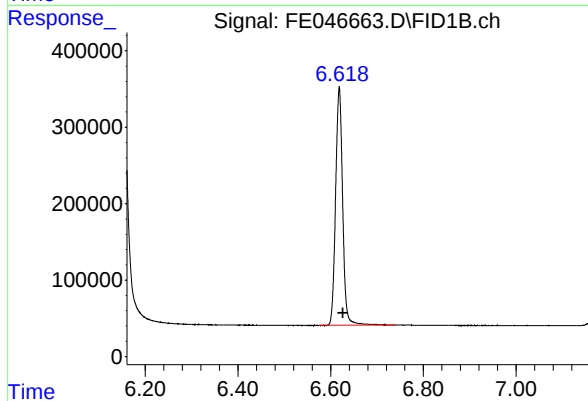
#2 n-Decane (C10)

R.T.: 4.451 min  
Delta R.T.: -0.010 min  
Response: 3271592  
Conc: 19.96 ug/ml



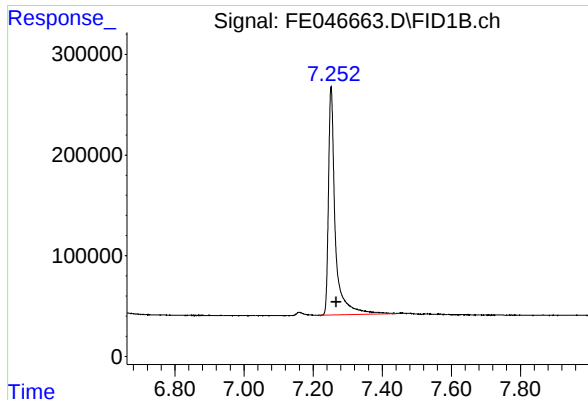
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min  
Delta R.T.: -0.013 min  
Response: 3377466  
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

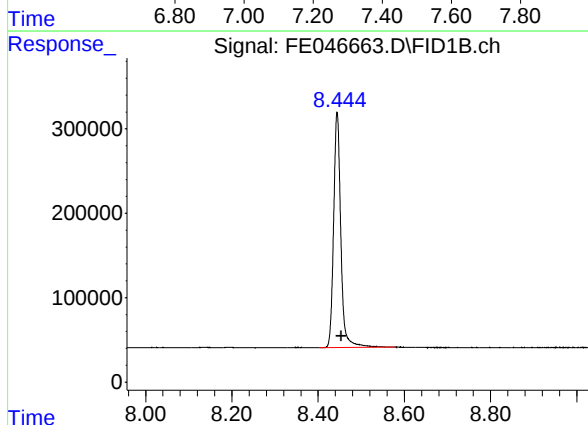
R.T.: 6.619 min  
Delta R.T.: -0.008 min  
Response: 3302414  
Conc: 19.96 ug/ml



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

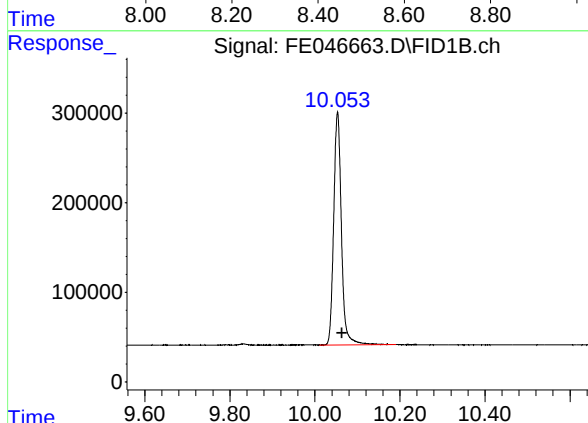
R.T.: 7.252 min  
Delta R.T.: -0.015 min  
Response: 3143766  
Conc: 19.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



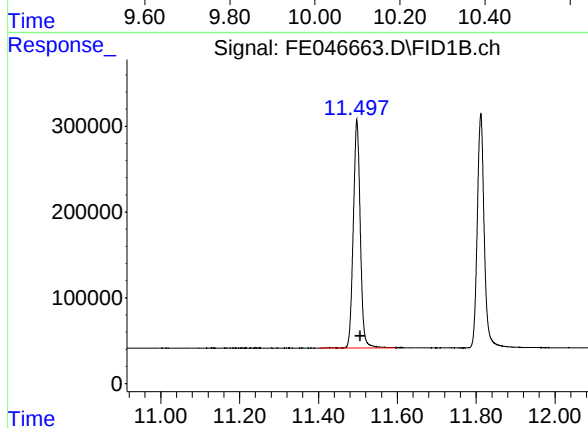
#6 n-Tetradecane (C14)

R.T.: 8.444 min  
Delta R.T.: -0.010 min  
Response: 3230770  
Conc: 19.71 ug/ml



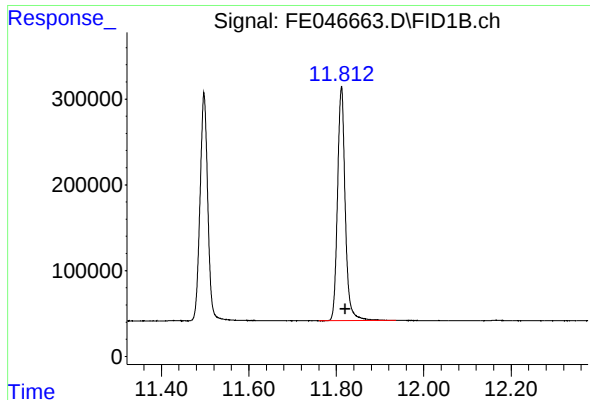
#7 n-Hexadecane (C16)

R.T.: 10.053 min  
Delta R.T.: -0.011 min  
Response: 3282970  
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.498 min  
Delta R.T.: -0.009 min  
Response: 3260732  
Conc: 18.70 ug/ml



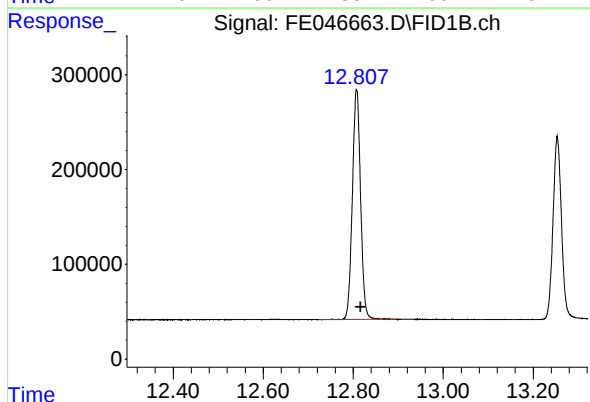
#9 ortho-Terphenyl (SURR)

R.T.: 11.812 min  
Delta R.T.: -0.008 min  
Response: 3350290  
Conc: 18.12 ug/ml

Instrument :

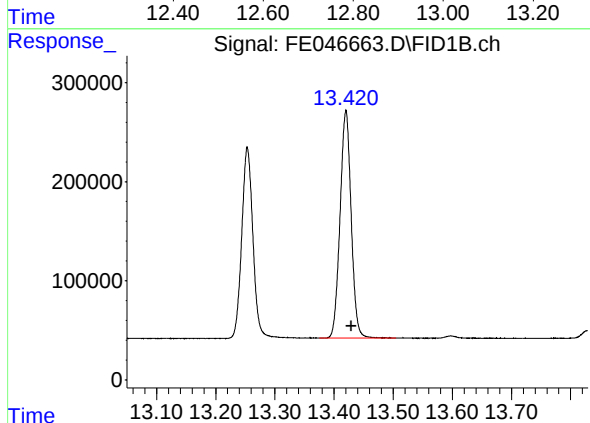
FID\_E

ClientSampleId :



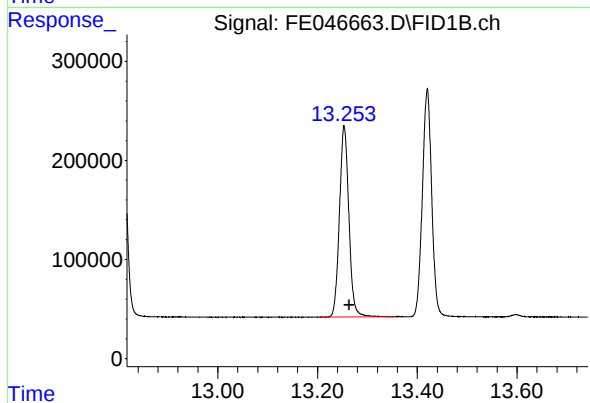
#10 n-Eicosane (C20)

R.T.: 12.808 min  
Delta R.T.: -0.009 min  
Response: 3079928  
Conc: 18.14 ug/ml



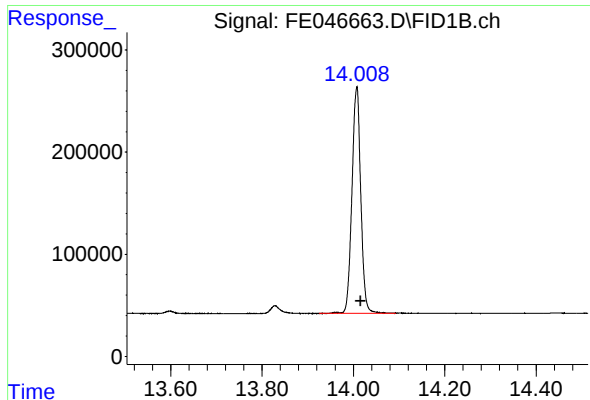
#11 n-Heneicosane (C21)

R.T.: 13.420 min  
Delta R.T.: -0.009 min  
Response: 2992084  
Conc: 17.94 ug/ml



#12 1-chlorooctadecane (SURR)

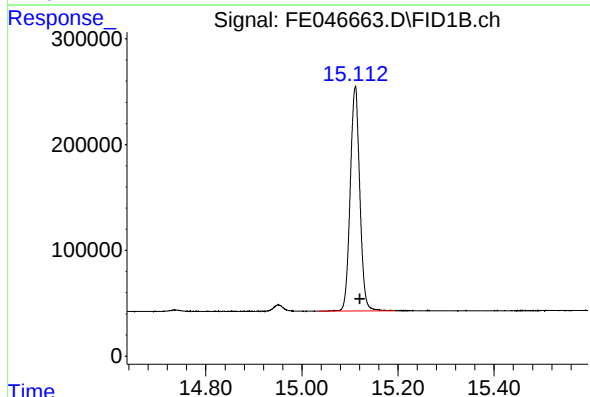
R.T.: 13.253 min  
Delta R.T.: -0.010 min  
Response: 2534491  
Conc: 17.81 ug/ml



#13 n-Docosane (C22)

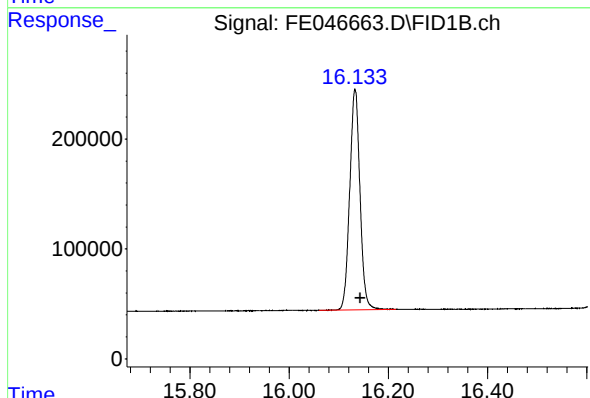
R.T.: 14.008 min  
Delta R.T.: -0.008 min  
Response: 2972810  
Conc: 17.94 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



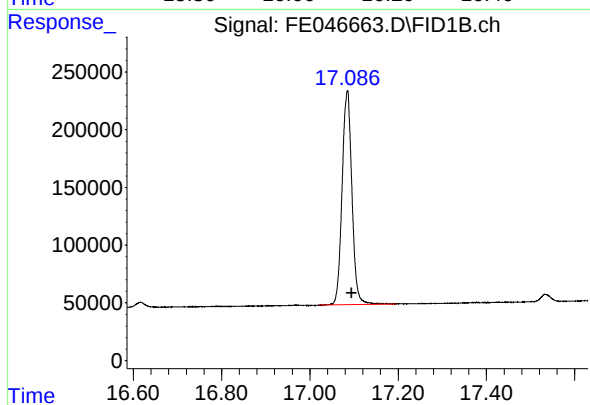
#14 n-Tetracosane (C24)

R.T.: 15.111 min  
Delta R.T.: -0.010 min  
Response: 2934144  
Conc: 17.78 ug/ml



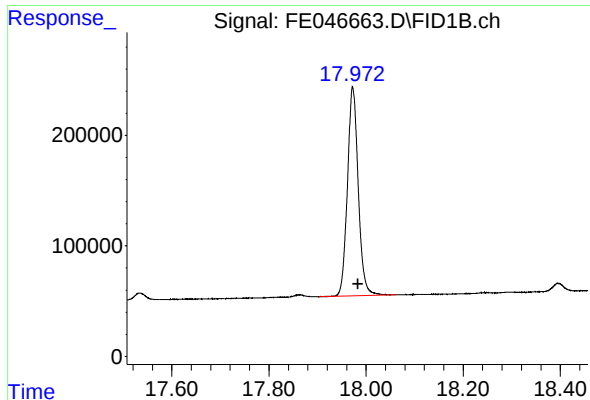
#15 n-Hexacosane (C26)

R.T.: 16.133 min  
Delta R.T.: -0.011 min  
Response: 2883172  
Conc: 17.86 ug/ml



#16 n-Octacosane (C28)

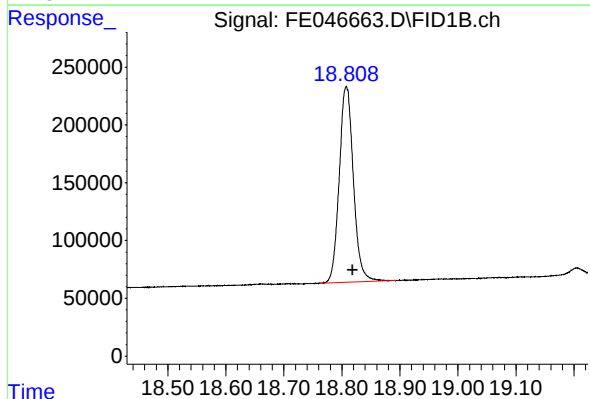
R.T.: 17.085 min  
Delta R.T.: -0.010 min  
Response: 2864480  
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

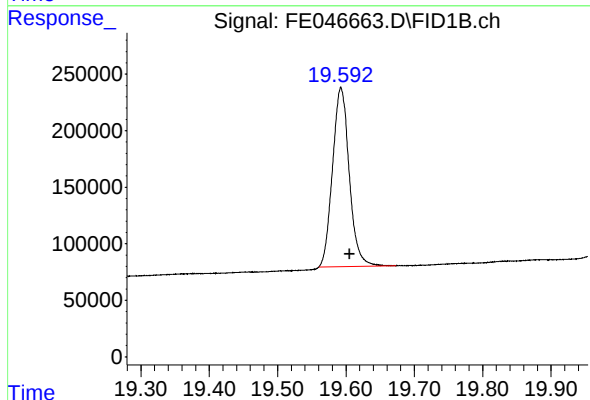
R.T.: 17.972 min  
Delta R.T.: -0.011 min  
Response: 2927823  
Conc: 18.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



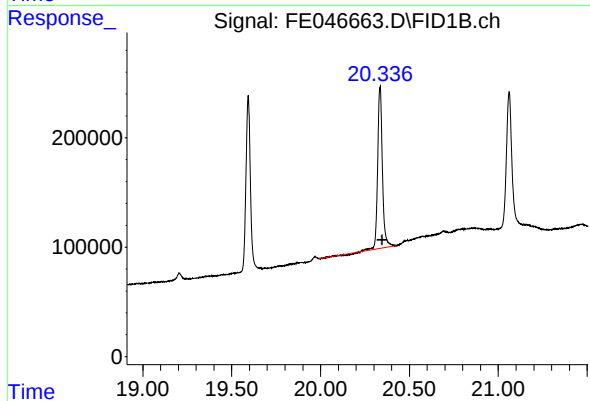
#18 n-Dotriacontane (C32)

R.T.: 18.808 min  
Delta R.T.: -0.011 min  
Response: 2874446  
Conc: 19.02 ug/ml



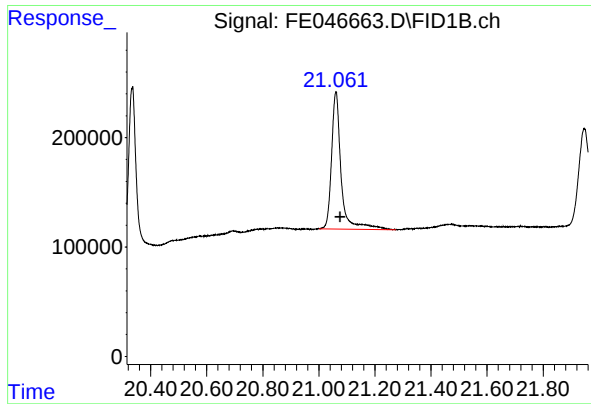
#19 n-Tetratriacontane (C34)

R.T.: 19.593 min  
Delta R.T.: -0.013 min  
Response: 2690497  
Conc: 18.97 ug/ml



#20 n-Hexatriacontane (C36)

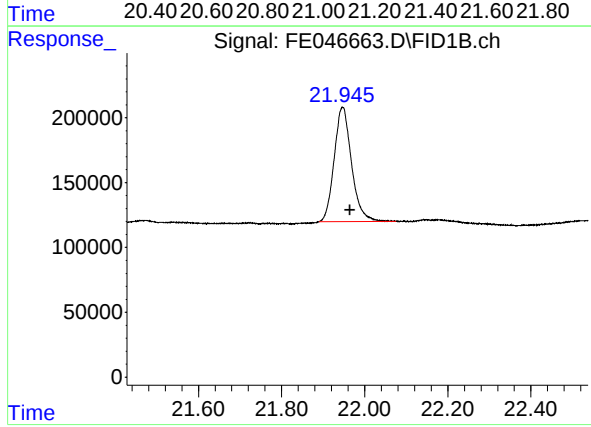
R.T.: 20.335 min  
Delta R.T.: -0.012 min  
Response: 2756569  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.061 min  
Delta R.T.: -0.015 min  
Response: 2970679  
Conc: 23.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.947 min  
Delta R.T.: -0.018 min  
Response: 2563895  
Conc: 20.51 ug/ml