

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120623AL\  
 Data File : FE045679.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Dec 2023 14:13  
 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: Dec 07 00:11:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 30 12:25:07 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)    | 11.859 | 3982766    | 19.046 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.09%       |
| 12) S 1-chlorooctadecane (S... | 13.303 | 2917592    | 18.543 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.245  | 3317533    | 20.921 ug/ml |
| 2) T n-Decane (C10)            | 4.496  | 3393211    | 21.190 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.197  | 3683997    | 21.149 ug/ml |
| 4) T n-Dodecane (C12)          | 6.664  | 3428945    | 21.228 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.293  | 3581366    | 21.089 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.491  | 3377272    | 21.052 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.101 | 3408109    | 20.581 ug/ml |
| 8) T n-Octadecane (C18)        | 11.546 | 3394803    | 19.801 ug/ml |
| 10) T n-Eicosane (C20)         | 12.857 | 3258326    | 18.832 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.471 | 3183081    | 18.503 ug/ml |
| 13) T n-Docosane (C22)         | 14.057 | 3132604    | 18.168 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.163 | 3031448    | 17.364 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.186 | 2948273    | 16.929 ug/ml |
| 16) T n-Octacosane (C28)       | 17.138 | 2887869    | 16.709 ug/ml |
| 17) T n-Tricontane (C30)       | 18.028 | 2938453    | 16.796 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.862 | 2964824    | 16.251 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.648 | 2852546    | 17.191 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.390 | 2847288    | 17.937 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.125 | 2849335    | 18.170 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.031 | 2946908    | 20.736 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

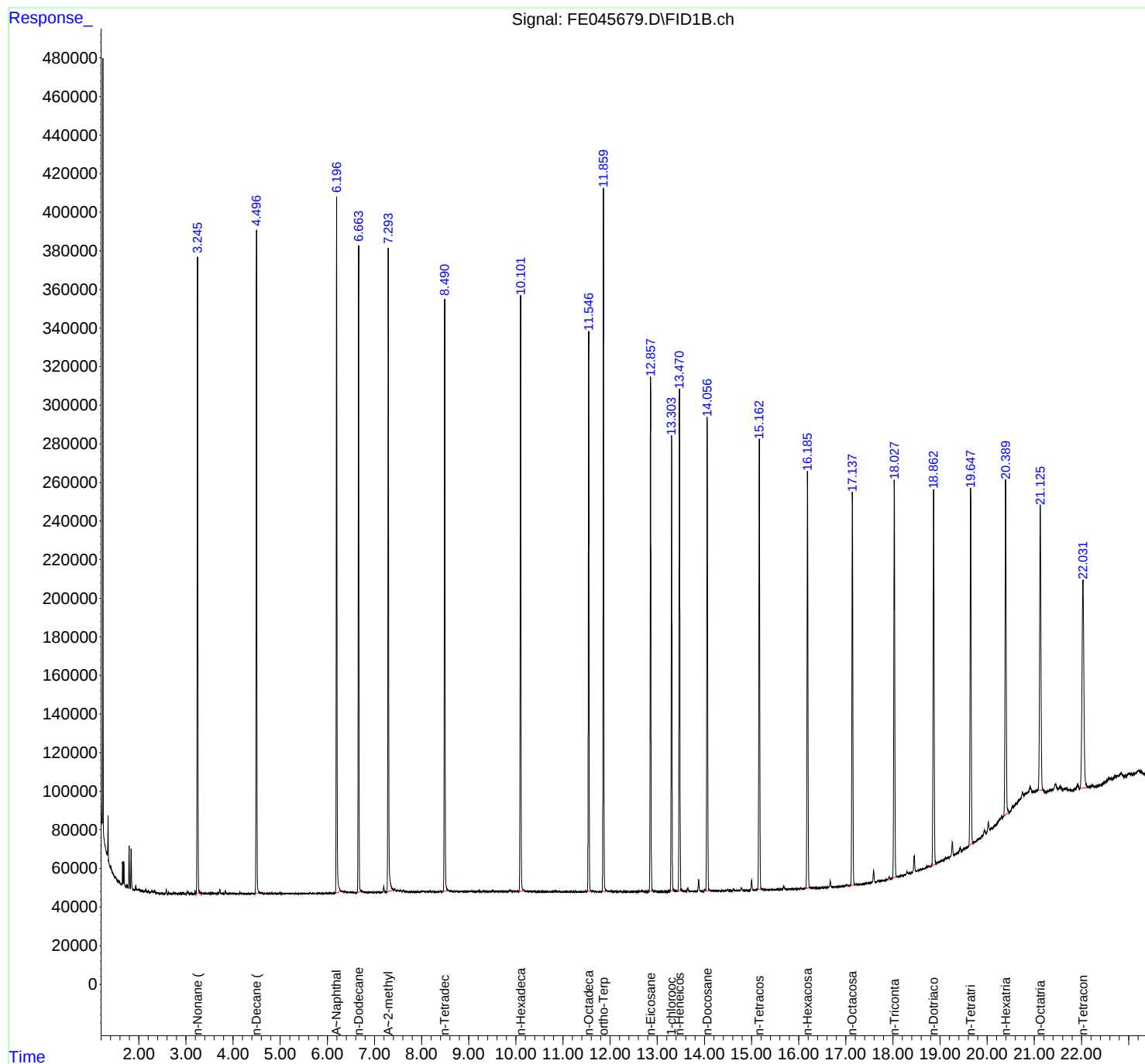
(m)=manual int.

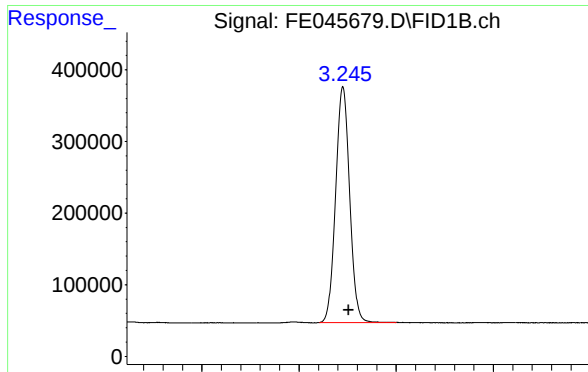
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120623AL\  
Data File : FE045679.D  
Signal(s) : FID1B.ch  
Acq On : 06 Dec 2023 14:13  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Integration File: autoint1.e  
Quant Time: Dec 07 00:11:37 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 30 12:25:07 2023  
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Volume Inj. : 1 ul  
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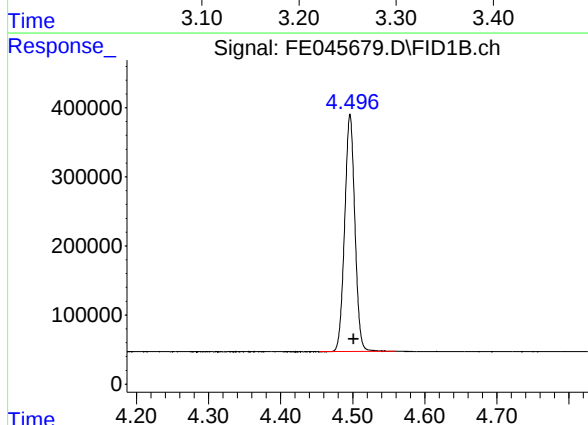




#1 n-Nonane (C9)

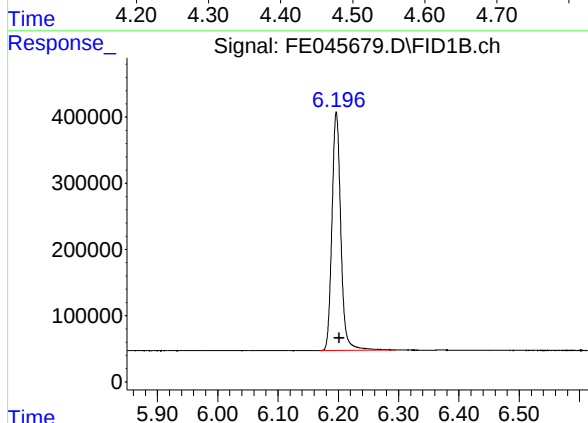
R.T.: 3.245 min  
Delta R.T.: -0.006 min  
Response: 3317533  
Conc: 20.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



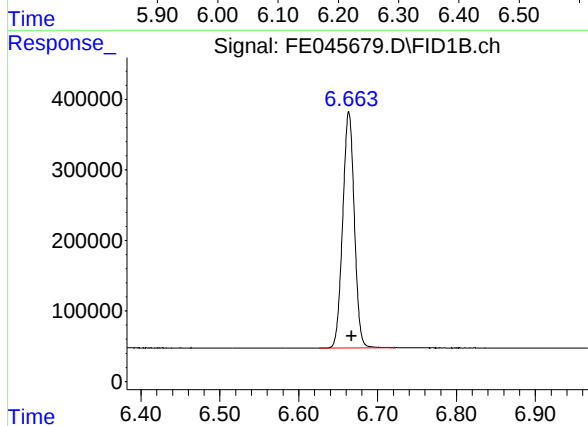
#2 n-Decane (C10)

R.T.: 4.496 min  
Delta R.T.: -0.005 min  
Response: 3393211  
Conc: 21.19 ug/ml



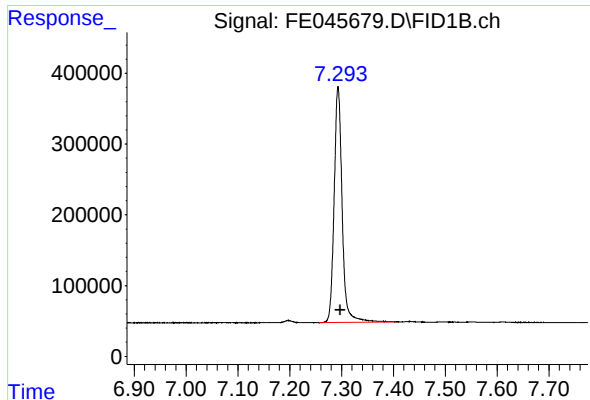
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min  
Delta R.T.: -0.005 min  
Response: 3683997  
Conc: 21.15 ug/ml



#4 n-Dodecane (C12)

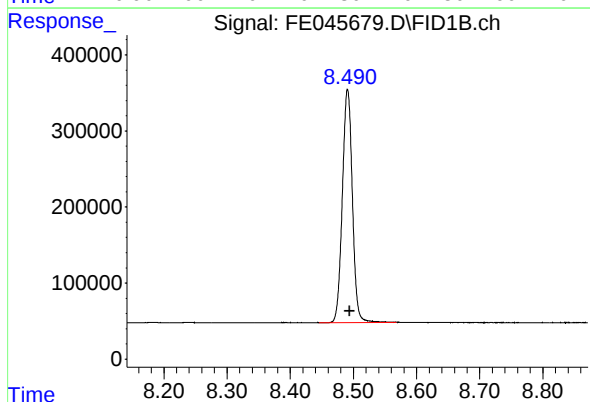
R.T.: 6.664 min  
Delta R.T.: -0.003 min  
Response: 3428945  
Conc: 21.23 ug/ml



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

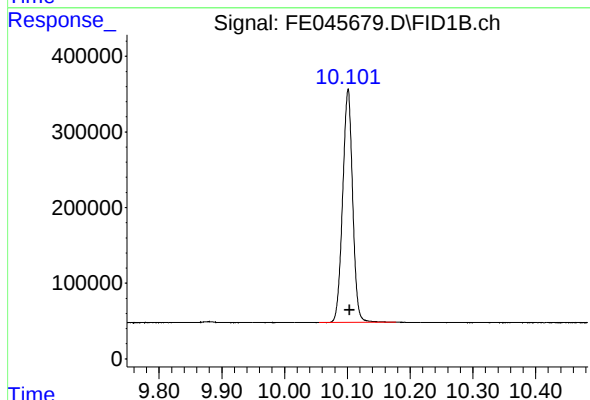
R.T.: 7.293 min  
Delta R.T.: -0.004 min  
Response: 3581366  
Conc: 21.09 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



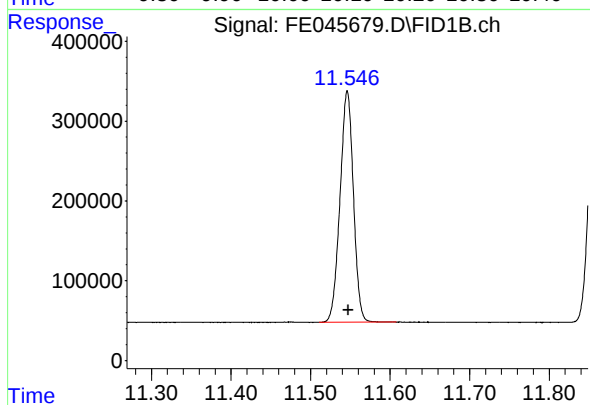
#6 n-Tetradecane (C14)

R.T.: 8.491 min  
Delta R.T.: -0.003 min  
Response: 3377272  
Conc: 21.05 ug/ml



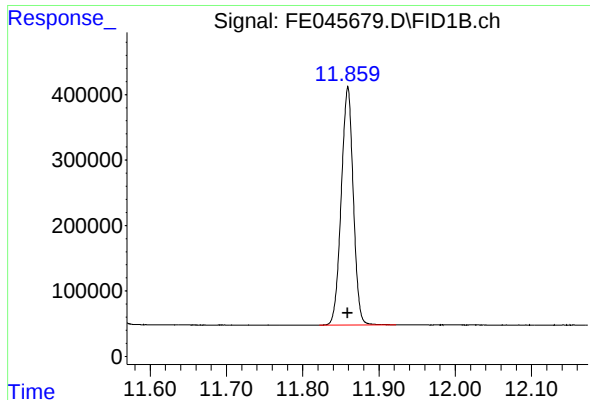
#7 n-Hexadecane (C16)

R.T.: 10.101 min  
Delta R.T.: -0.003 min  
Response: 3408109  
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

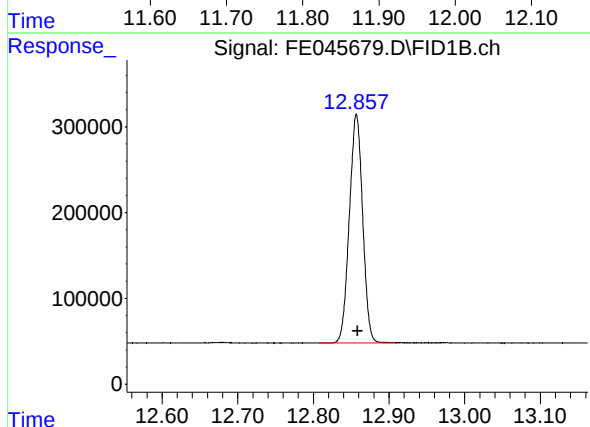
R.T.: 11.546 min  
Delta R.T.: -0.001 min  
Response: 3394803  
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

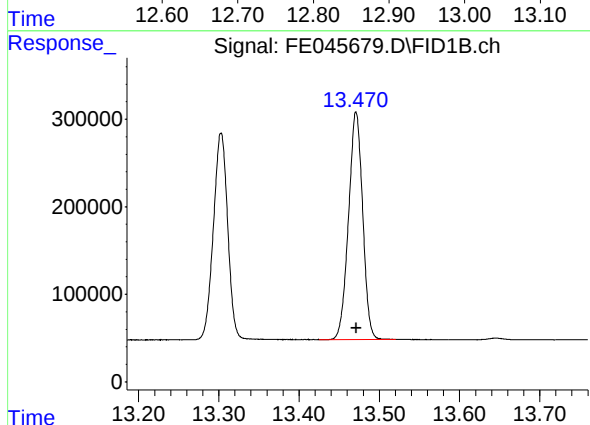
R.T.: 11.859 min  
Delta R.T.: 0.000 min  
Response: 3982766  
Conc: 19.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



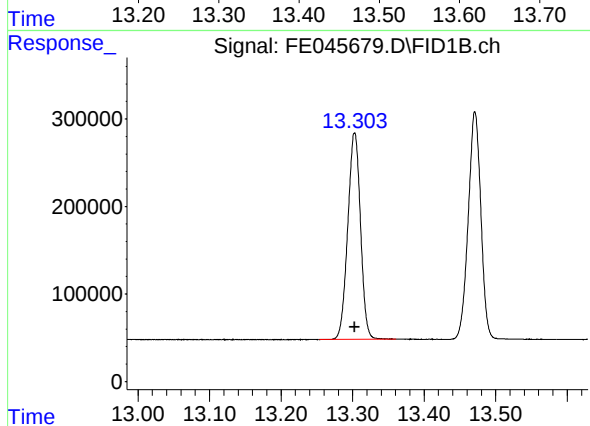
#10 n-Eicosane (C20)

R.T.: 12.857 min  
Delta R.T.: -0.001 min  
Response: 3258326  
Conc: 18.83 ug/ml



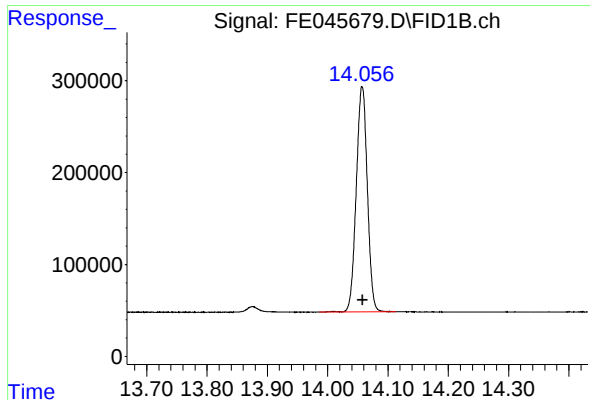
#11 n-Heneicosane (C21)

R.T.: 13.471 min  
Delta R.T.: 0.000 min  
Response: 3183081  
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

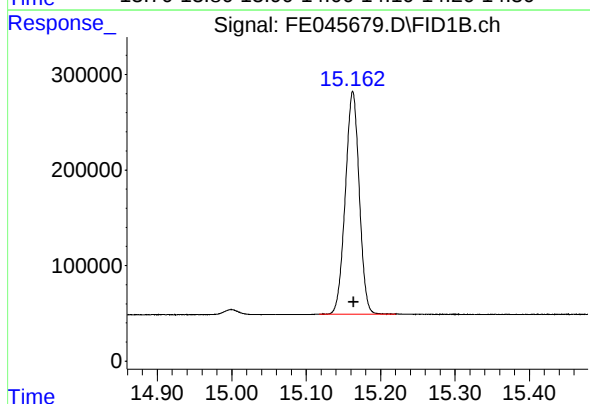
R.T.: 13.303 min  
Delta R.T.: 0.000 min  
Response: 2917592  
Conc: 18.54 ug/ml



#13 n-Docosane (C22)

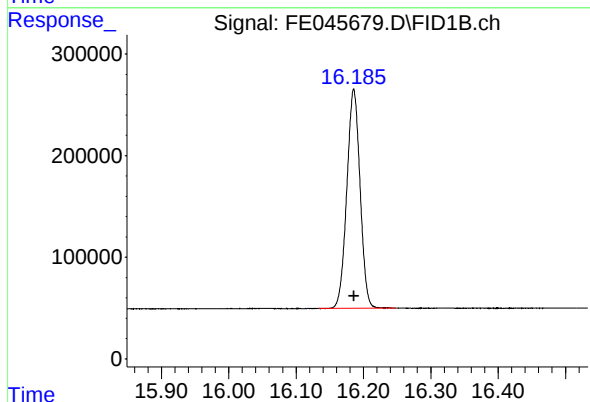
R.T.: 14.057 min  
Delta R.T.: 0.000 min  
Response: 3132604  
Conc: 18.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



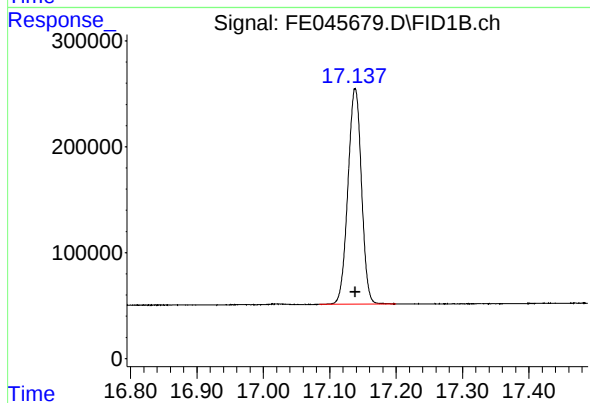
#14 n-Tetracosane (C24)

R.T.: 15.163 min  
Delta R.T.: -0.001 min  
Response: 3031448  
Conc: 17.36 ug/ml



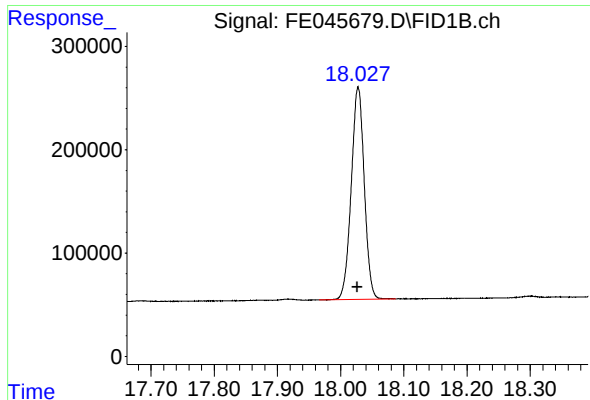
#15 n-Hexacosane (C26)

R.T.: 16.186 min  
Delta R.T.: 0.000 min  
Response: 2948273  
Conc: 16.93 ug/ml



#16 n-Octacosane (C28)

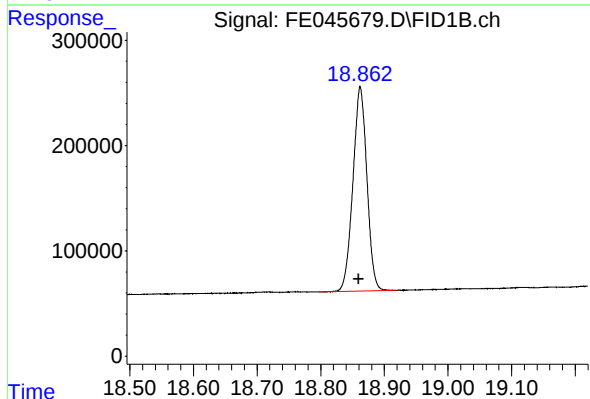
R.T.: 17.138 min  
Delta R.T.: 0.000 min  
Response: 2887869  
Conc: 16.71 ug/ml



#17 n-Tricontane (C30)

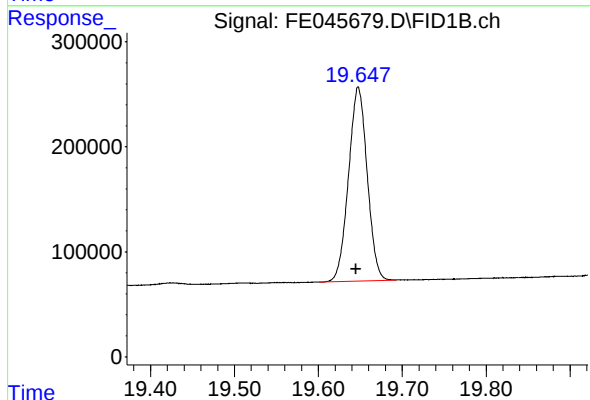
R.T.: 18.028 min  
Delta R.T.: 0.002 min  
Response: 2938453  
Conc: 16.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



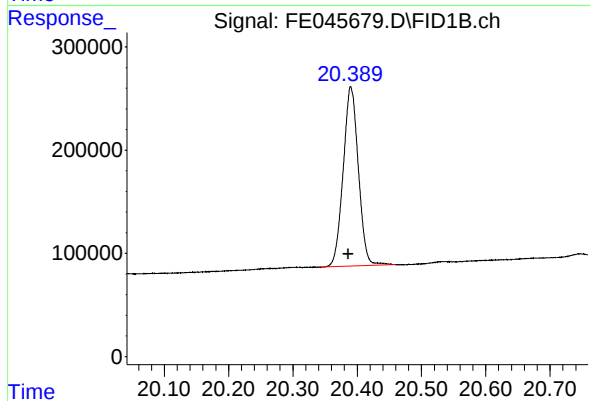
#18 n-Dotriacontane (C32)

R.T.: 18.862 min  
Delta R.T.: 0.002 min  
Response: 2964824  
Conc: 16.25 ug/ml



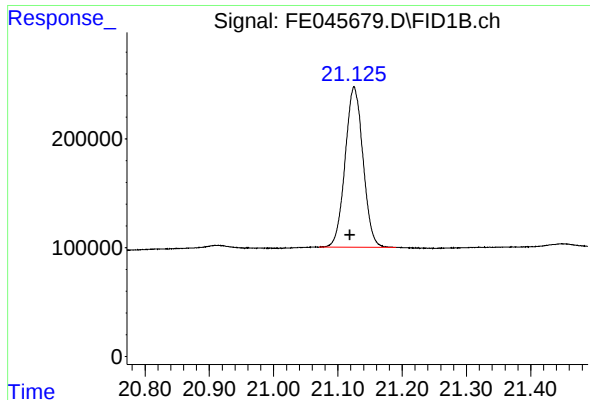
#19 n-Tetatriacontane (C34)

R.T.: 19.648 min  
Delta R.T.: 0.003 min  
Response: 2852546  
Conc: 17.19 ug/ml



#20 n-Hexatriacontane (C36)

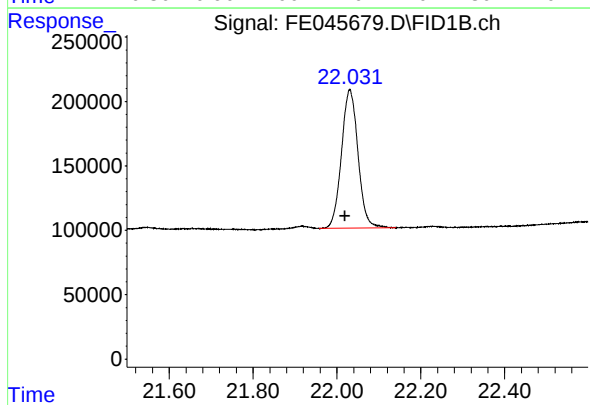
R.T.: 20.390 min  
Delta R.T.: 0.004 min  
Response: 2847288  
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min  
Delta R.T.: 0.006 min  
Response: 2849335  
Conc: 18.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.031 min  
Delta R.T.: 0.011 min  
Response: 2946908  
Conc: 20.74 ug/ml