

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112823AL\  
 Data File : FE045550.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Nov 2023 11:29  
 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: Nov 28 23:05:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 04 05:16:05 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)    | 11.865 | 3797954    | 19.892 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.78%       |
| 12) S 1-chlorooctadecane (S... | 13.308 | 2583558    | 18.757 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.252  | 3239608    | 19.610 ug/ml |
| 2) T n-Decane (C10)            | 4.503  | 3325000    | 19.830 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.203  | 3495169    | 19.581 ug/ml |
| 4) T n-Dodecane (C12)          | 6.670  | 3341132    | 19.783 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.299  | 3313093    | 19.294 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.497  | 3287989    | 19.728 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.107 | 3302225    | 19.632 ug/ml |
| 8) T n-Octadecane (C18)        | 11.552 | 3307102    | 19.759 ug/ml |
| 10) T n-Eicosane (C20)         | 12.864 | 3133388    | 19.780 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.477 | 3032121    | 19.720 ug/ml |
| 13) T n-Docosane (C22)         | 14.064 | 2997047    | 19.781 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.168 | 2974645    | 20.084 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.192 | 2936306    | 20.145 ug/ml |
| 16) T n-Octacosane (C28)       | 17.144 | 2949903    | 20.187 ug/ml |
| 17) T n-Tricontane (C30)       | 18.033 | 3026263    | 19.923 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.868 | 3084577    | 19.745 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.655 | 3035795    | 19.443 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.395 | 3003996    | 18.507 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.129 | 2957596    | 17.802 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.039 | 2738329    | 16.032 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

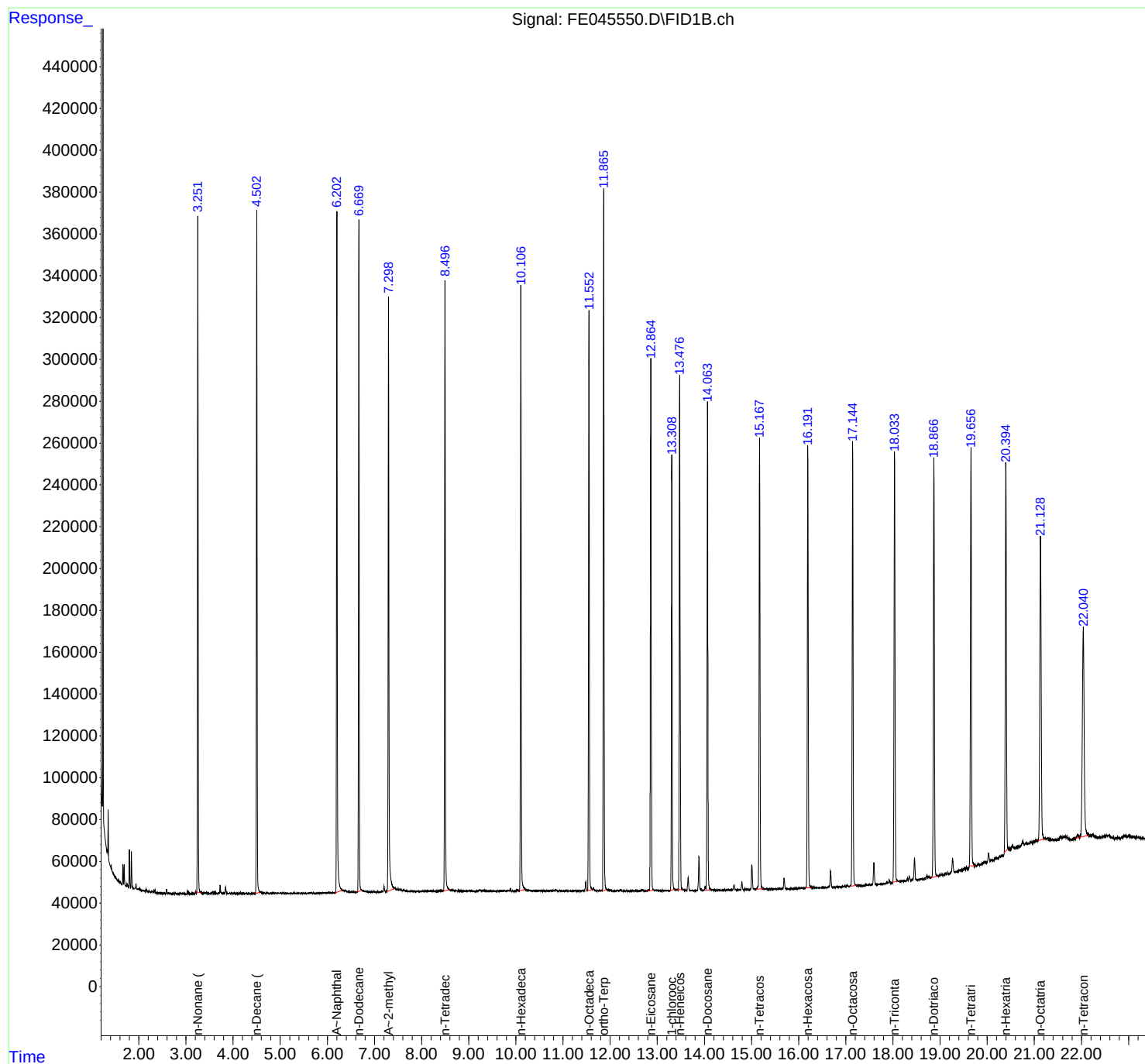
(m)=manual int.

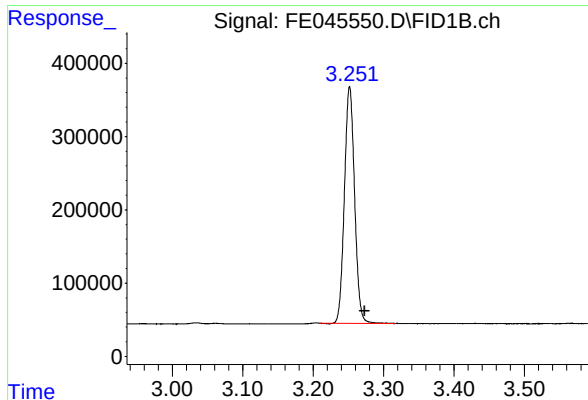
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112823AL\  
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QLast Update : Sat Nov 04 05:16:05 2023  
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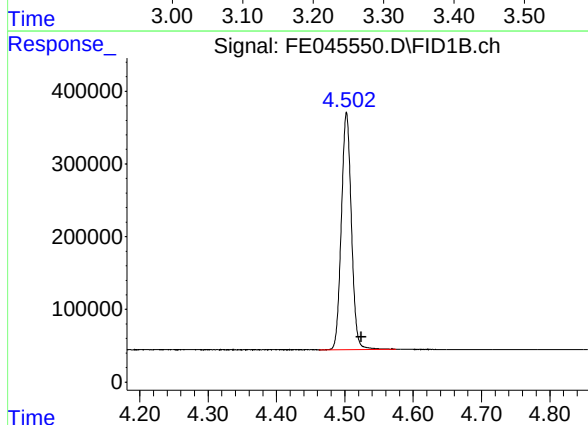




#1 n-Nonane (C9)

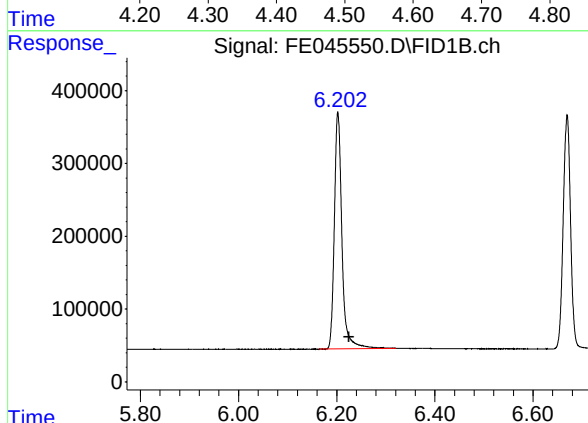
R.T.: 3.252 min  
Delta R.T.: -0.021 min  
Response: 3239608  
Conc: 19.61 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



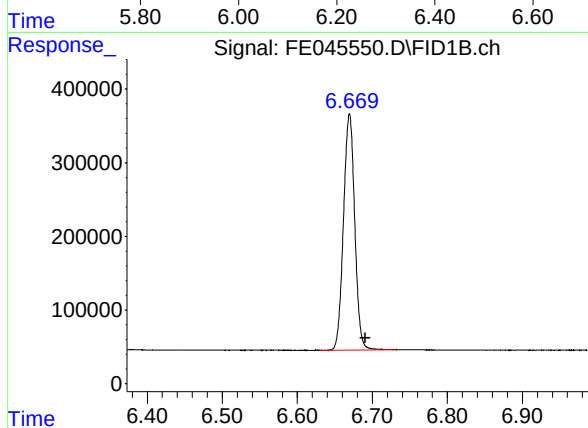
#2 n-Decane (C10)

R.T.: 4.503 min  
Delta R.T.: -0.022 min  
Response: 3325000  
Conc: 19.83 ug/ml



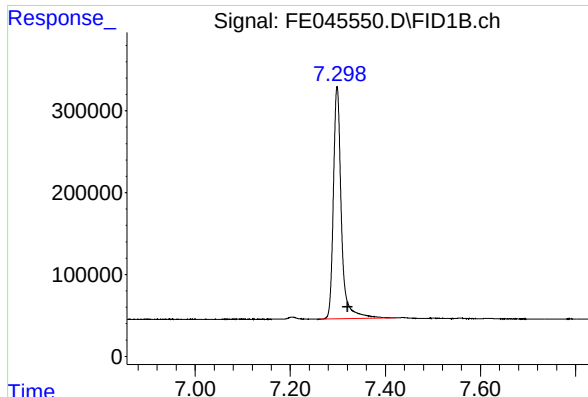
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min  
Delta R.T.: -0.022 min  
Response: 3495169  
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

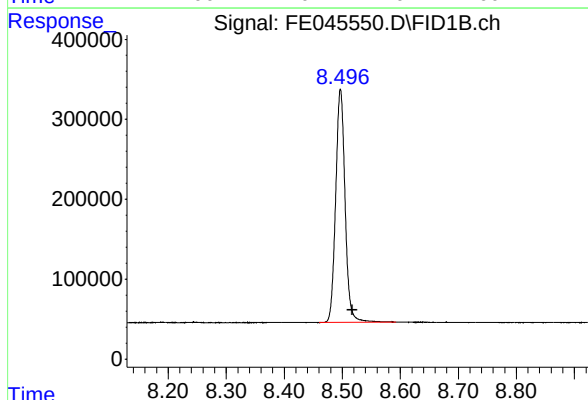
R.T.: 6.670 min  
Delta R.T.: -0.021 min  
Response: 3341132  
Conc: 19.78 ug/ml



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

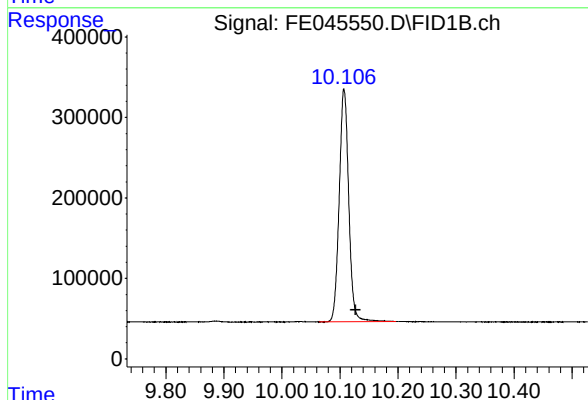
R.T.: 7.299 min  
Delta R.T.: -0.022 min  
Response: 3313093  
Conc: 19.29 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



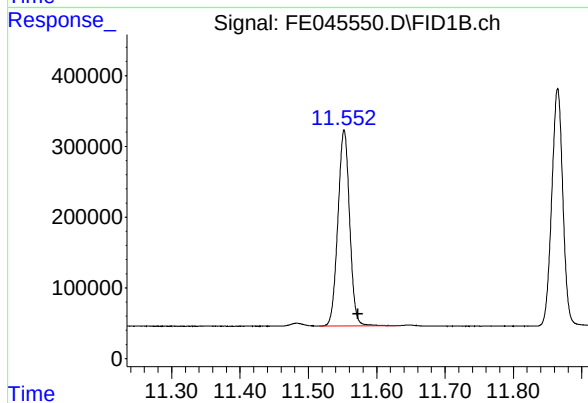
#6 n-Tetradecane (C14)

R.T.: 8.497 min  
Delta R.T.: -0.021 min  
Response: 3287989  
Conc: 19.73 ug/ml



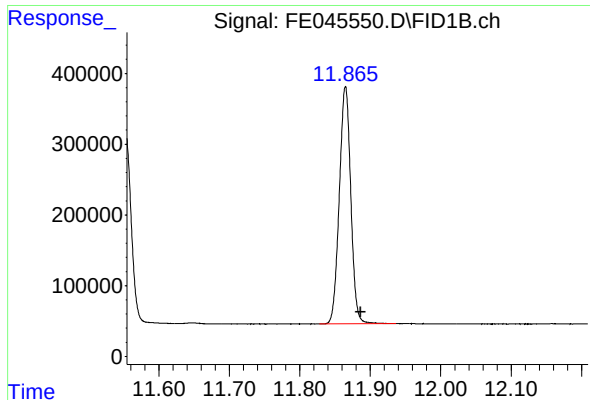
#7 n-Hexadecane (C16)

R.T.: 10.107 min  
Delta R.T.: -0.020 min  
Response: 3302225  
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

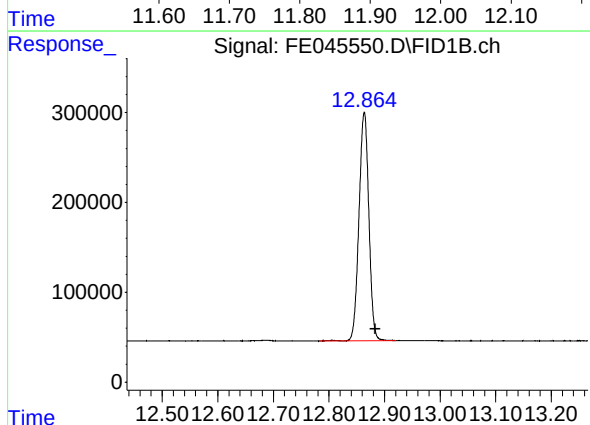
R.T.: 11.552 min  
Delta R.T.: -0.021 min  
Response: 3307102  
Conc: 19.76 ug/ml



#9 ortho-Terphenyl (SURR)

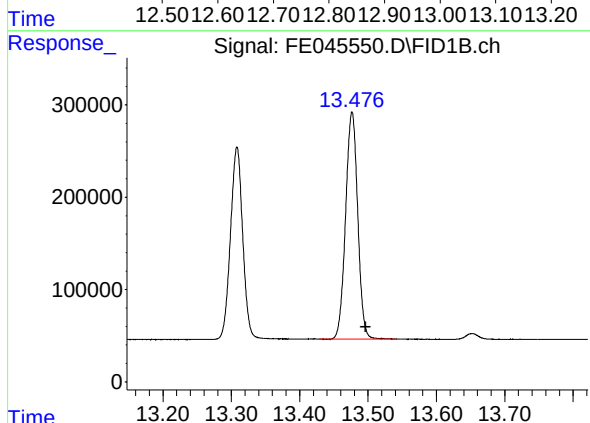
R.T.: 11.865 min  
Delta R.T.: -0.022 min  
Response: 3797954  
Conc: 19.89 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



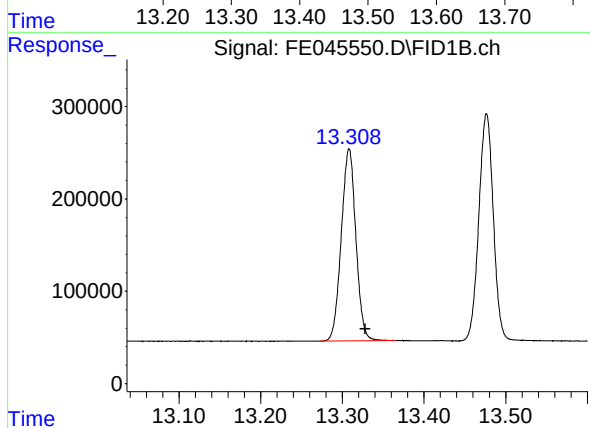
#10 n-Eicosane (C20)

R.T.: 12.864 min  
Delta R.T.: -0.020 min  
Response: 3133388  
Conc: 19.78 ug/ml



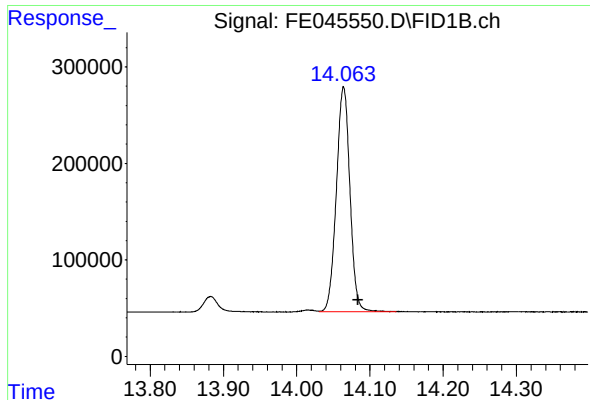
#11 n-Heneicosane (C21)

R.T.: 13.477 min  
Delta R.T.: -0.020 min  
Response: 3032121  
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

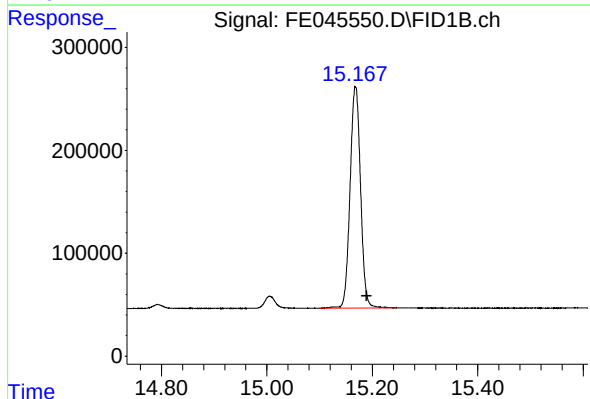
R.T.: 13.308 min  
Delta R.T.: -0.020 min  
Response: 2583558  
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

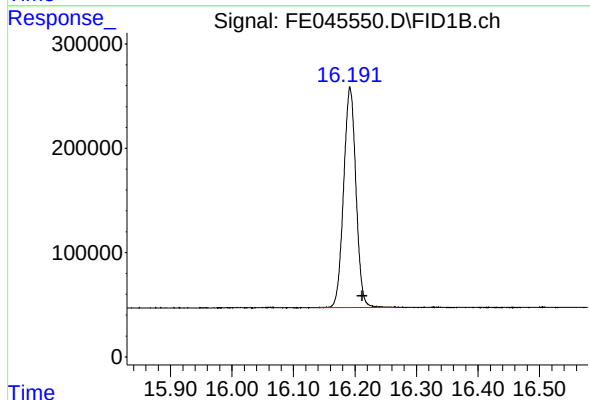
R.T.: 14.064 min  
Delta R.T.: -0.020 min  
Response: 2997047  
Conc: 19.78 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



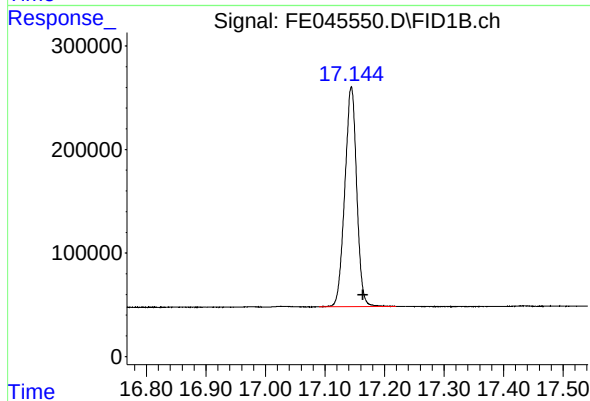
#14 n-Tetracosane (C24)

R.T.: 15.168 min  
Delta R.T.: -0.021 min  
Response: 2974645  
Conc: 20.08 ug/ml



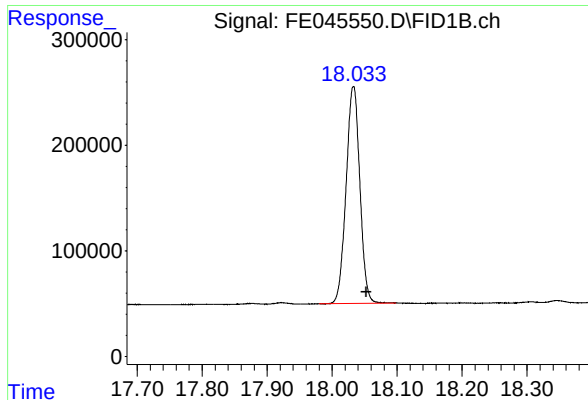
#15 n-Hexacosane (C26)

R.T.: 16.192 min  
Delta R.T.: -0.020 min  
Response: 2936306  
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

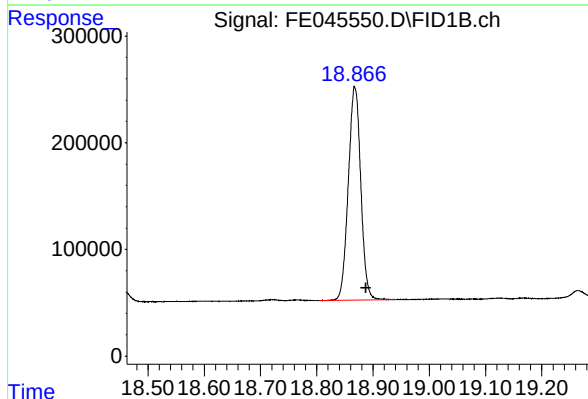
R.T.: 17.144 min  
Delta R.T.: -0.019 min  
Response: 2949903  
Conc: 20.19 ug/ml



#17 n-Tricontane (C30)

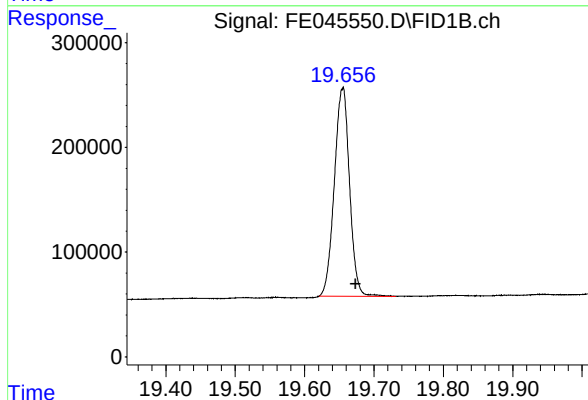
R.T.: 18.033 min  
Delta R.T.: -0.020 min  
Response: 3026263  
Conc: 19.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



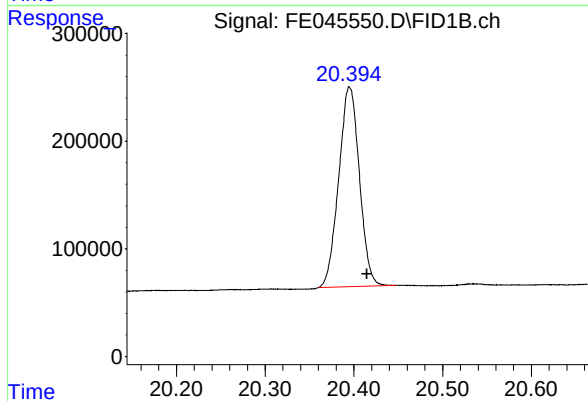
#18 n-Dotriacontane (C32)

R.T.: 18.868 min  
Delta R.T.: -0.020 min  
Response: 3084577  
Conc: 19.74 ug/ml



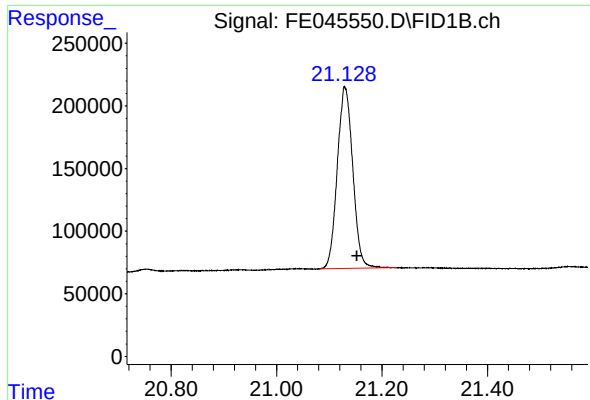
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min  
Delta R.T.: -0.018 min  
Response: 3035795  
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

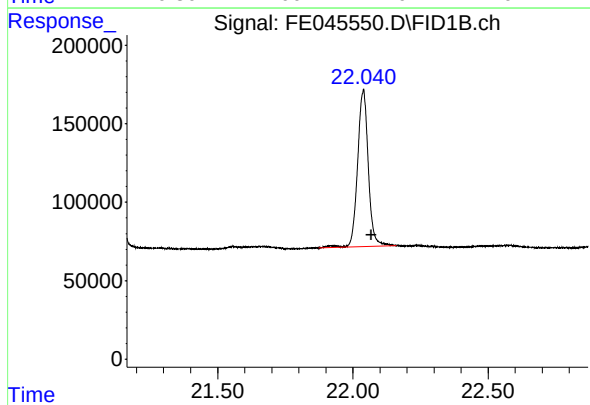
R.T.: 20.395 min  
Delta R.T.: -0.020 min  
Response: 3003996  
Conc: 18.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min  
Delta R.T.: -0.023 min  
Response: 2957596  
Conc: 17.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.039 min  
Delta R.T.: -0.028 min  
Response: 2738329  
Conc: 16.03 ug/ml