

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081822AL\  
 Data File : FE037181.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Aug 2022 02:09  
 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: Aug 19 04:31:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 12 07:36:15 2022  
 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 | 3406046    | 18.518 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.04%       |
| 12) S 1-chlorooctadecane (S... | 13.250 | 2676500    | 18.339 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.207  | 3089228    | 20.099 ug/ml |
| 2) T n-Decane (C10)            | 4.460  | 3094718    | 20.248 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.161  | 3275091    | 19.905 ug/ml |
| 4) T n-Dodecane (C12)          | 6.628  | 3128121    | 20.029 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.256  | 3227553    | 19.886 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.453  | 3108397    | 19.670 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.059 | 3108570    | 19.546 ug/ml |
| 8) T n-Octadecane (C18)        | 11.500 | 3141164    | 19.132 ug/ml |
| 10) T n-Eicosane (C20)         | 12.807 | 3064243    | 18.665 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.418 | 3037005    | 18.479 ug/ml |
| 13) T n-Docosane (C22)         | 14.004 | 2973071    | 18.273 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.105 | 2891421    | 17.890 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.126 | 2793899    | 17.613 ug/ml |
| 16) T n-Octacosane (C28)       | 17.076 | 2753456    | 17.715 ug/ml |
| 17) T n-Tricontane (C30)       | 17.962 | 2700441    | 18.517 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.793 | 2287148    | 19.682 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.577 | 1694281    | 20.560 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.317 | 1292185    | 21.390 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.038 | 1119901    | 21.959 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.905 | 1078672    | 22.411 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

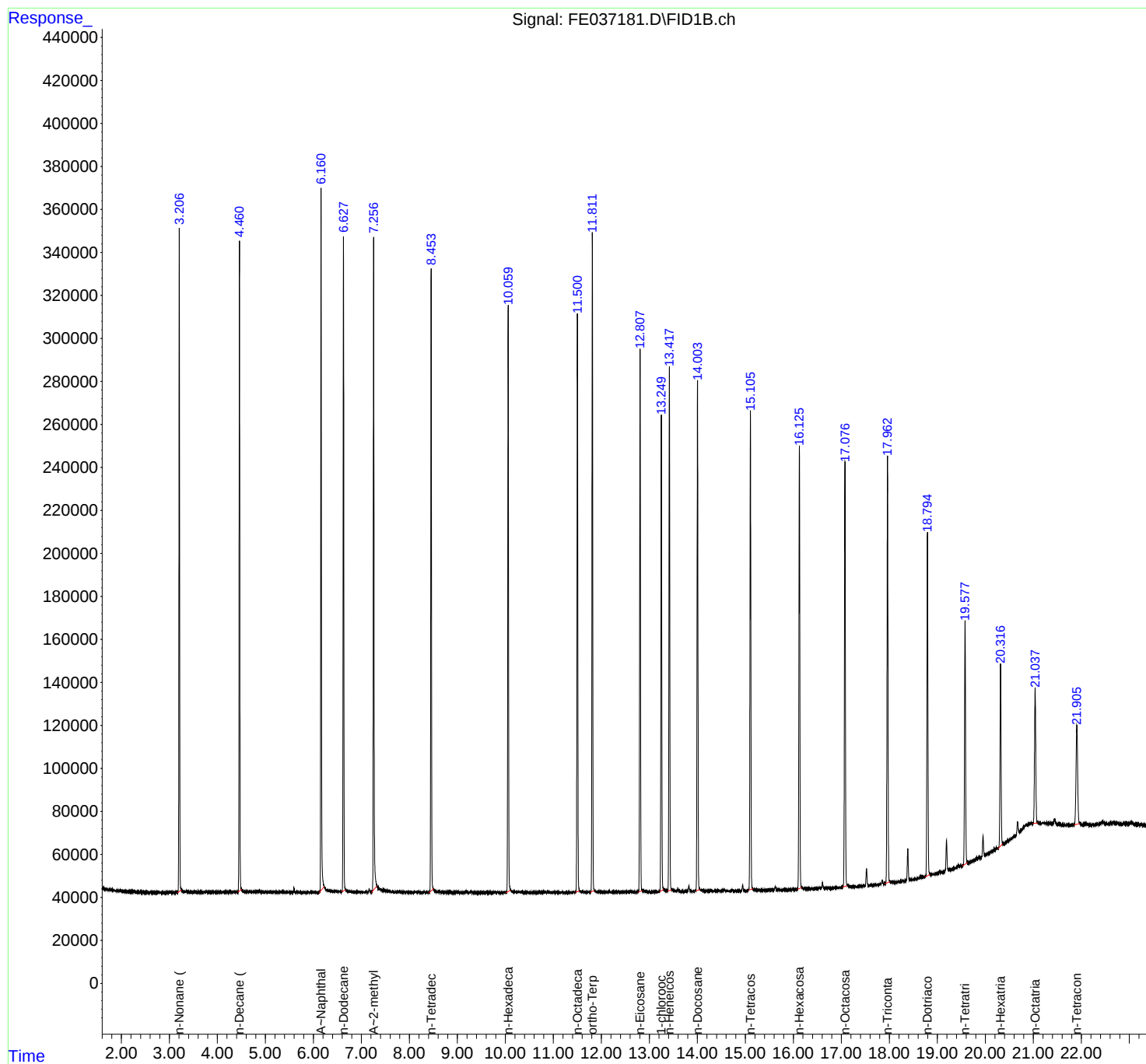
(m)=manual int.

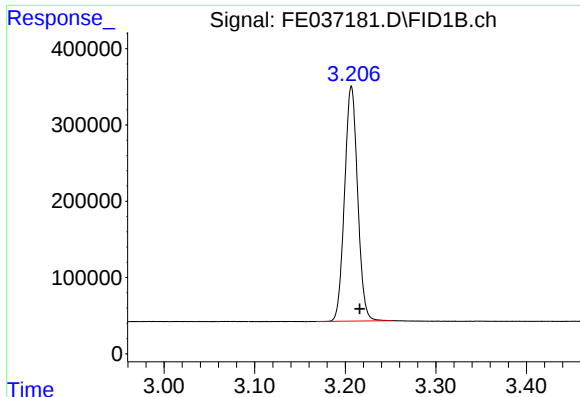
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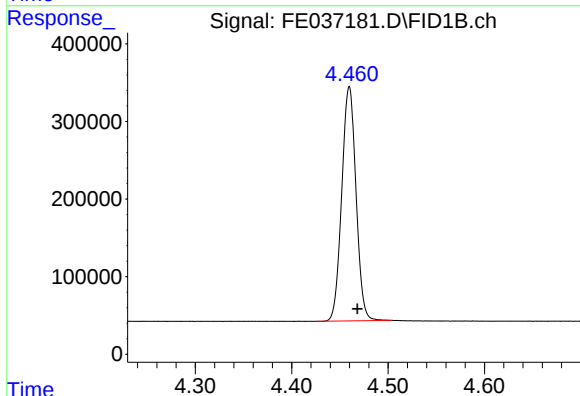




#1 n-Nonane (C9)

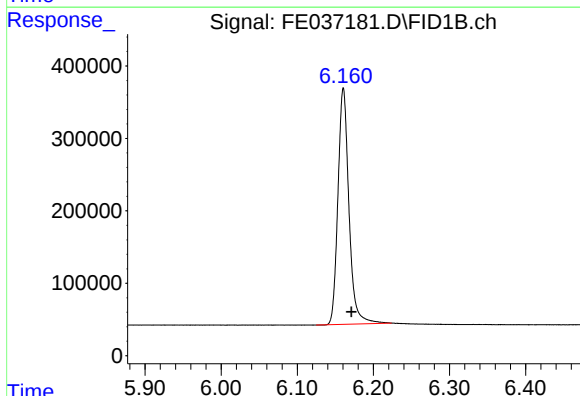
R.T.: 3.207 min  
Delta R.T.: -0.009 min  
Response: 3089228  
Conc: 20.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



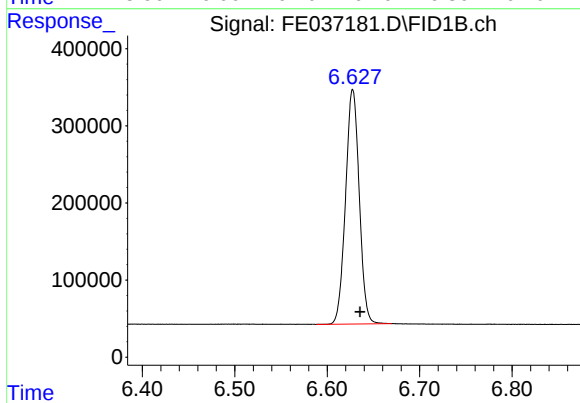
#2 n-Decane (C10)

R.T.: 4.460 min  
Delta R.T.: -0.008 min  
Response: 3094718  
Conc: 20.25 ug/ml



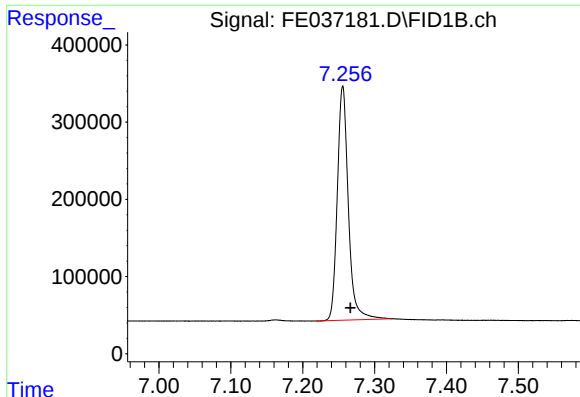
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min  
Delta R.T.: -0.011 min  
Response: 3275091  
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

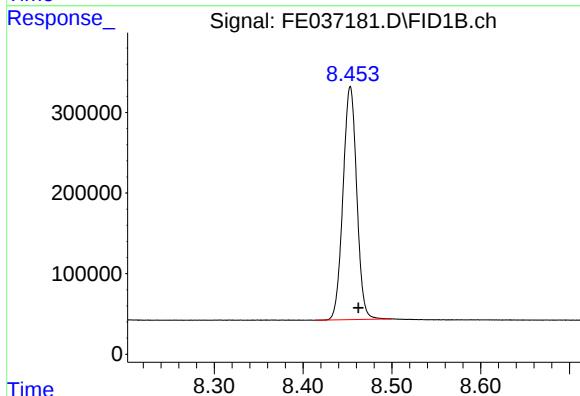
R.T.: 6.628 min  
Delta R.T.: -0.008 min  
Response: 3128121  
Conc: 20.03 ug/ml



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

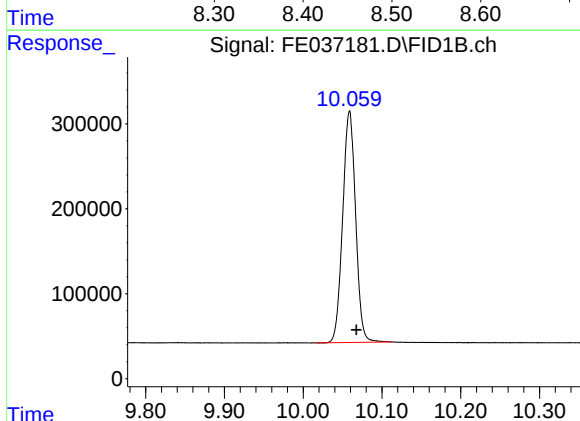
R.T.: 7.256 min  
Delta R.T.: -0.011 min  
Response: 3227553  
Conc: 19.89 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



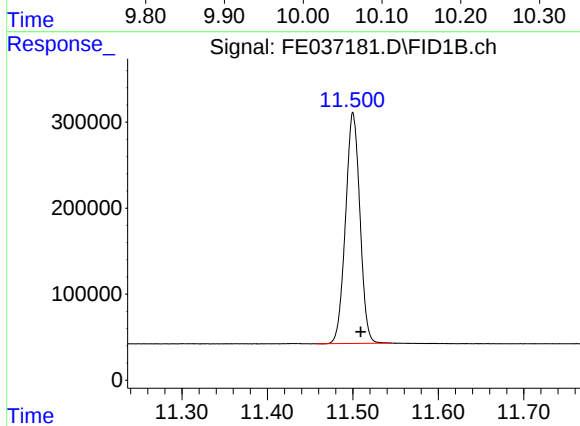
#6 n-Tetradecane (C14)

R.T.: 8.453 min  
Delta R.T.: -0.009 min  
Response: 3108397  
Conc: 19.67 ug/ml



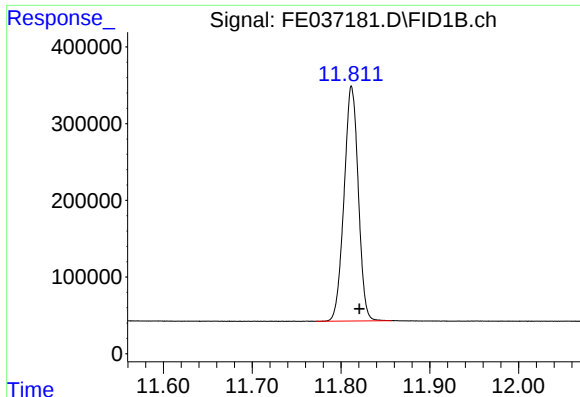
#7 n-Hexadecane (C16)

R.T.: 10.059 min  
Delta R.T.: -0.009 min  
Response: 3108570  
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

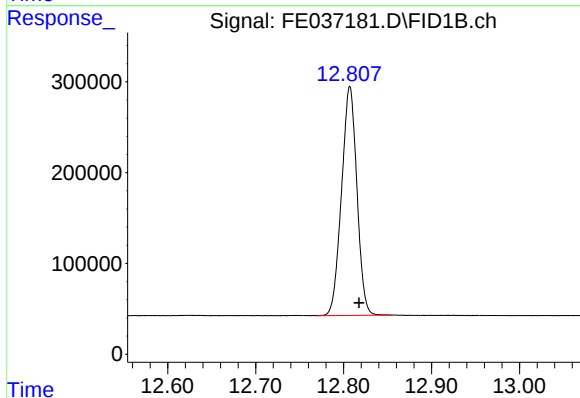
R.T.: 11.500 min  
Delta R.T.: -0.009 min  
Response: 3141164  
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

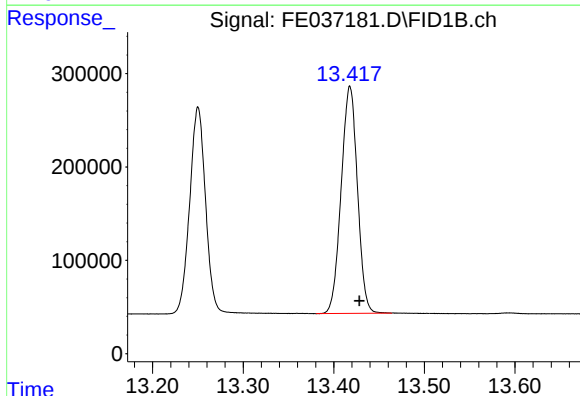
R.T.: 11.812 min  
Delta R.T.: -0.009 min  
Response: 3406046  
Conc: 18.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



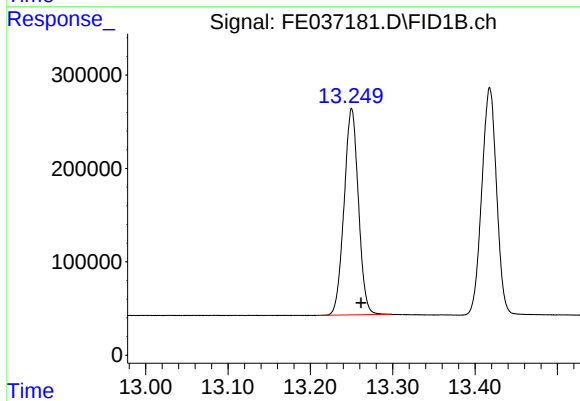
#10 n-Eicosane (C20)

R.T.: 12.807 min  
Delta R.T.: -0.011 min  
Response: 3064243  
Conc: 18.66 ug/ml



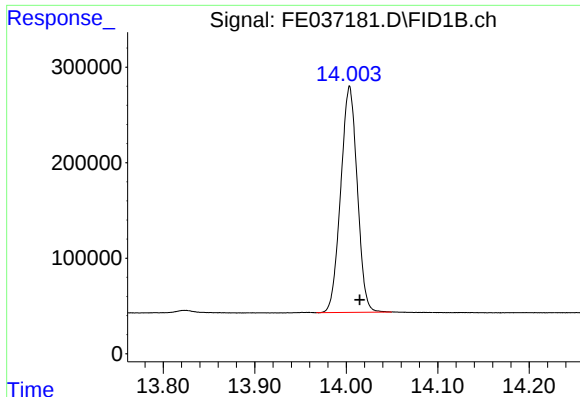
#11 n-Heneicosane (C21)

R.T.: 13.418 min  
Delta R.T.: -0.010 min  
Response: 3037005  
Conc: 18.48 ug/ml



#12 1-chlorooctadecane (SURR)

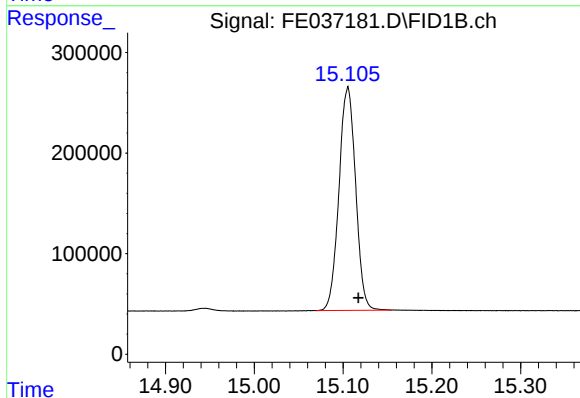
R.T.: 13.250 min  
Delta R.T.: -0.011 min  
Response: 2676500  
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

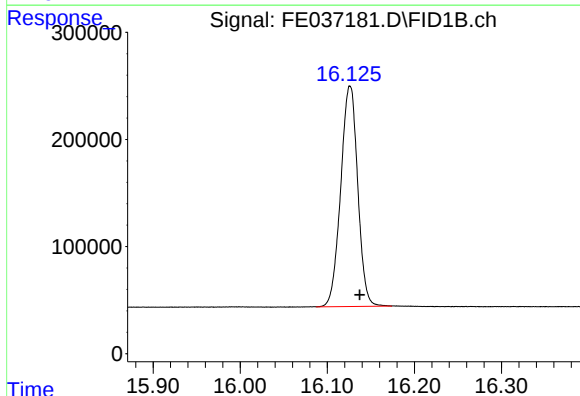
R.T.: 14.004 min  
Delta R.T.: -0.011 min  
Response: 2973071  
Conc: 18.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



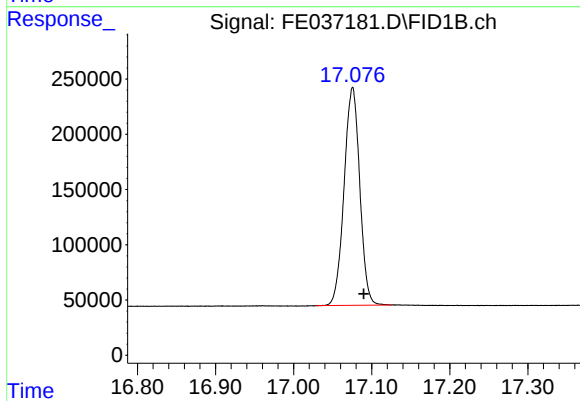
#14 n-Tetracosane (C24)

R.T.: 15.105 min  
Delta R.T.: -0.012 min  
Response: 2891421  
Conc: 17.89 ug/ml



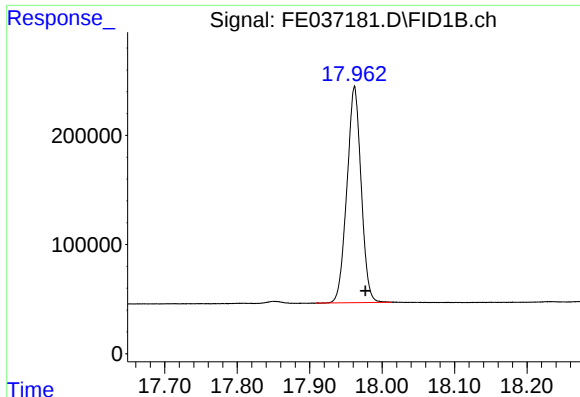
#15 n-Hexacosane (C26)

R.T.: 16.126 min  
Delta R.T.: -0.011 min  
Response: 2793899  
Conc: 17.61 ug/ml



#16 n-Octacosane (C28)

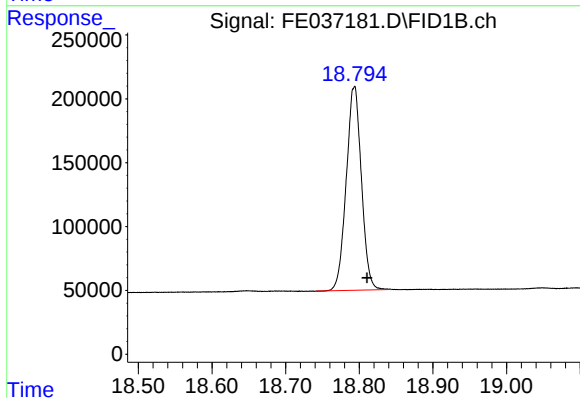
R.T.: 17.076 min  
Delta R.T.: -0.014 min  
Response: 2753456  
Conc: 17.71 ug/ml



#17 n-Tricontane (C30)

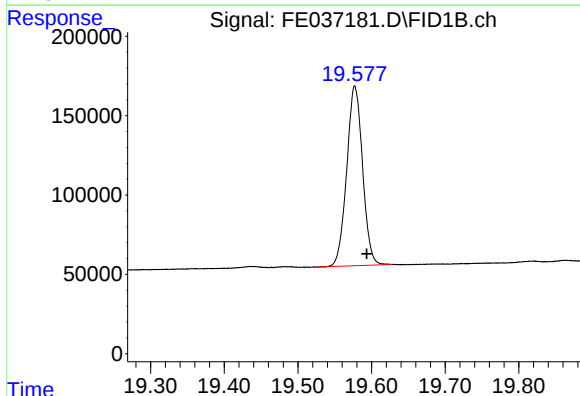
R.T.: 17.962 min  
Delta R.T.: -0.015 min  
Response: 2700441  
Conc: 18.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



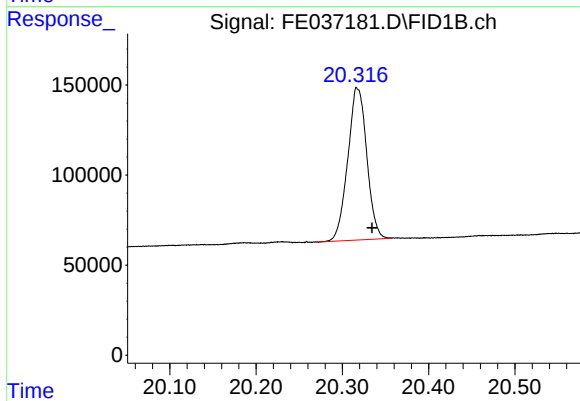
#18 n-Dotriacontane (C32)

R.T.: 18.793 min  
Delta R.T.: -0.017 min  
Response: 2287148  
Conc: 19.68 ug/ml



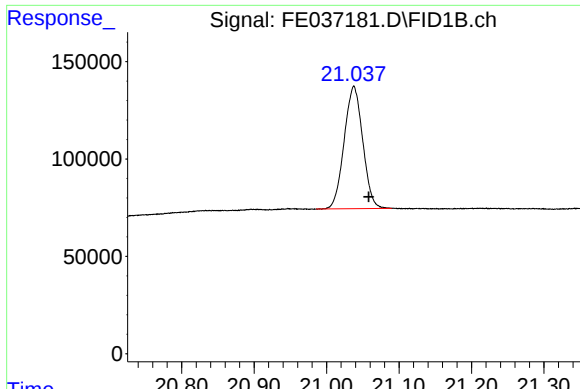
#19 n-Tetratriacontane (C34)

R.T.: 19.577 min  
Delta R.T.: -0.017 min  
Response: 1694281  
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

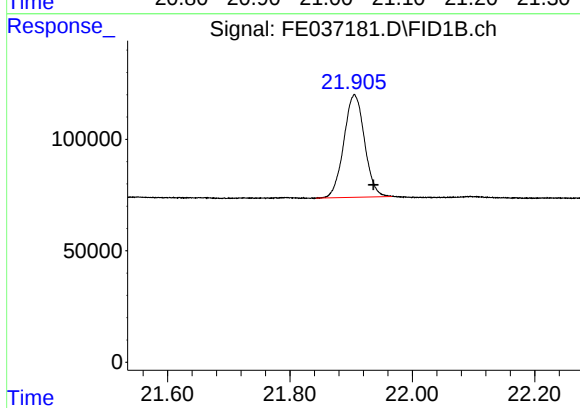
R.T.: 20.317 min  
Delta R.T.: -0.017 min  
Response: 1292185  
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.038 min  
Delta R.T.: -0.021 min  
Response: 1119901  
Conc: 21.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.905 min  
Delta R.T.: -0.031 min  
Response: 1078672  
Conc: 22.41 ug/ml