

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081822AL\  
 Data File : FE037153.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Aug 2022 09:57  
 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 18 12:31:18 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)    | 11.816 | 3401770    | 18.494 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.99%       |
| 12) S 1-chlorooctadecane (S... | 13.255 | 2670346    | 18.297 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.209  | 3039601    | 19.776 ug/ml |
| 2) T n-Decane (C10)            | 4.462  | 3052515    | 19.972 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.164  | 3276382    | 19.913 ug/ml |
| 4) T n-Dodecane (C12)          | 6.631  | 3112525    | 19.929 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.260  | 3257322    | 20.070 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.457  | 3119856    | 19.742 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.063 | 3120940    | 19.623 ug/ml |
| 8) T n-Octadecane (C18)        | 11.504 | 3148933    | 19.180 ug/ml |
| 10) T n-Eicosane (C20)         | 12.812 | 3056347    | 18.617 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.423 | 3024266    | 18.401 ug/ml |
| 13) T n-Docosane (C22)         | 14.009 | 2959857    | 18.191 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.111 | 2867293    | 17.740 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.130 | 2760261    | 17.401 ug/ml |
| 16) T n-Octacosane (C28)       | 17.080 | 2707802    | 17.421 ug/ml |
| 17) T n-Tricontane (C30)       | 17.967 | 2637016    | 18.082 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.800 | 2216299    | 19.072 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.583 | 1646570    | 19.981 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.324 | 1275361    | 21.111 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.044 | 1135920    | 22.273 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.914 | 1019963    | 21.191 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

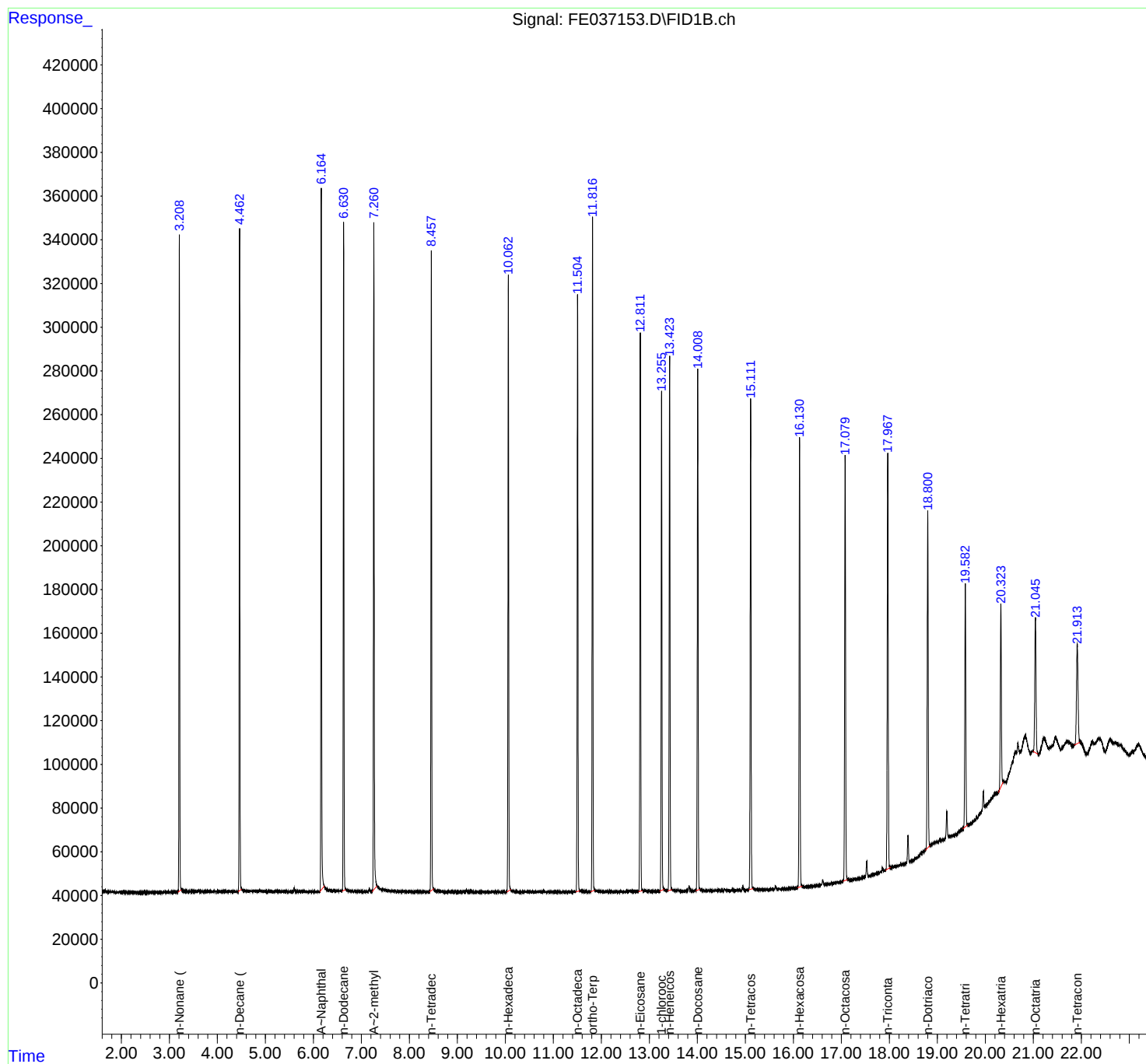
(m)=manual int.

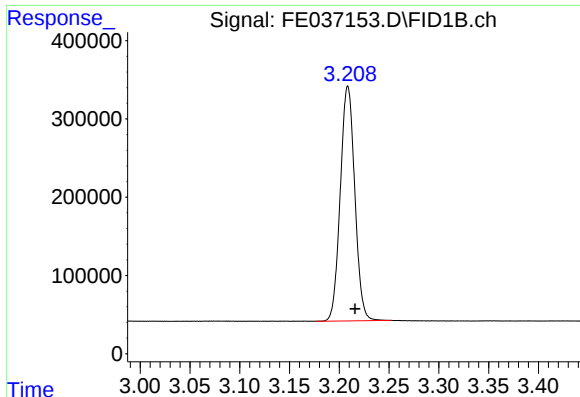
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081822AL\  
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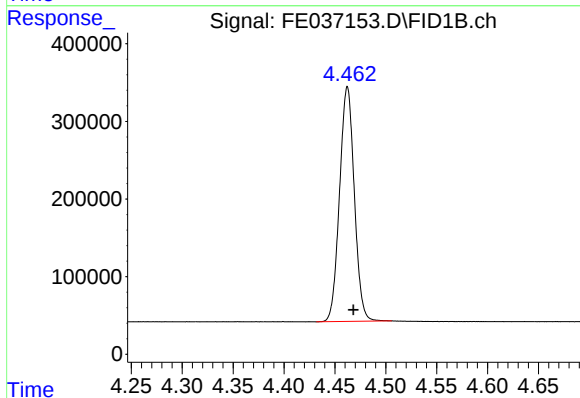




#1 n-Nonane (C9)

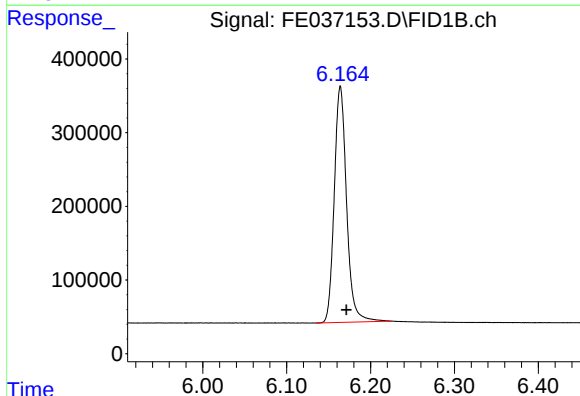
R.T.: 3.209 min  
Delta R.T.: -0.007 min  
Response: 3039601  
Conc: 19.78 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



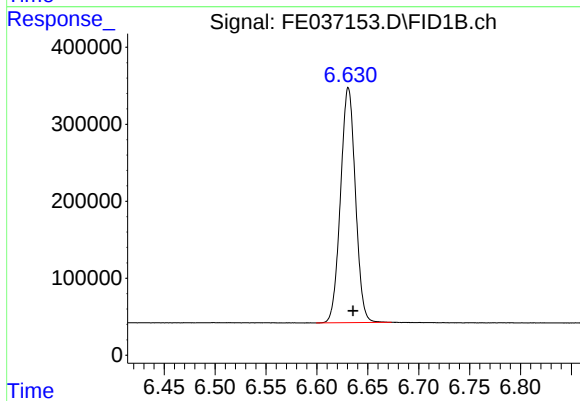
#2 n-Decane (C10)

R.T.: 4.462 min  
Delta R.T.: -0.006 min  
Response: 3052515  
Conc: 19.97 ug/ml



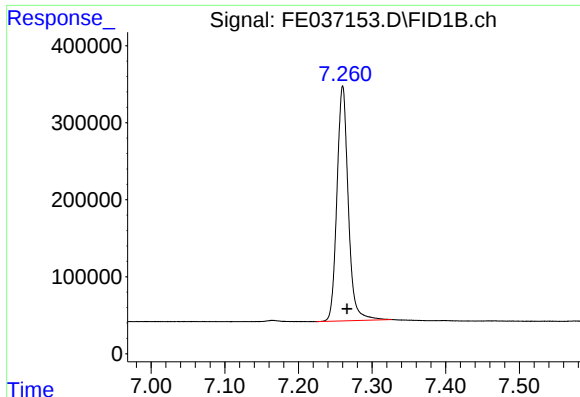
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min  
Delta R.T.: -0.007 min  
Response: 3276382  
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

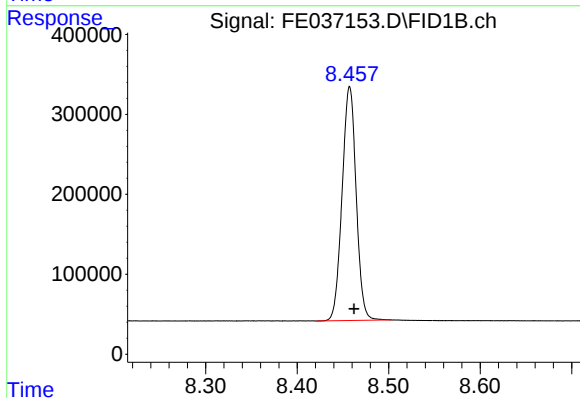
R.T.: 6.631 min  
Delta R.T.: -0.005 min  
Response: 3112525  
Conc: 19.93 ug/ml



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

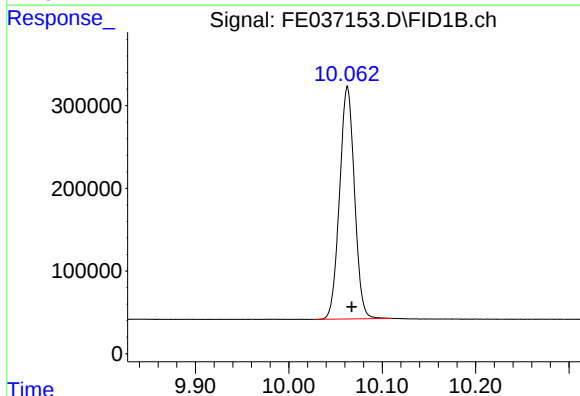
R.T.: 7.260 min  
Delta R.T.: -0.006 min  
Response: 3257322  
Conc: 20.07 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



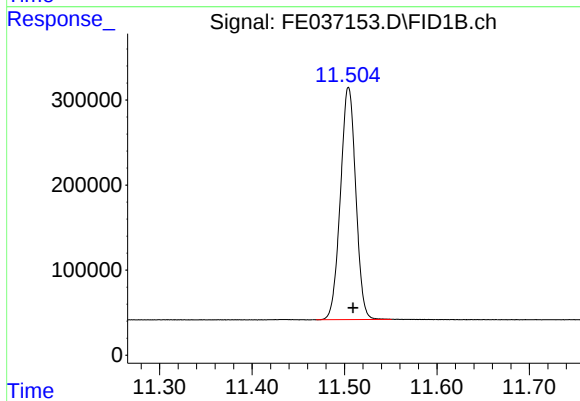
#6 n-Tetradecane (C14)

R.T.: 8.457 min  
Delta R.T.: -0.005 min  
Response: 3119856  
Conc: 19.74 ug/ml



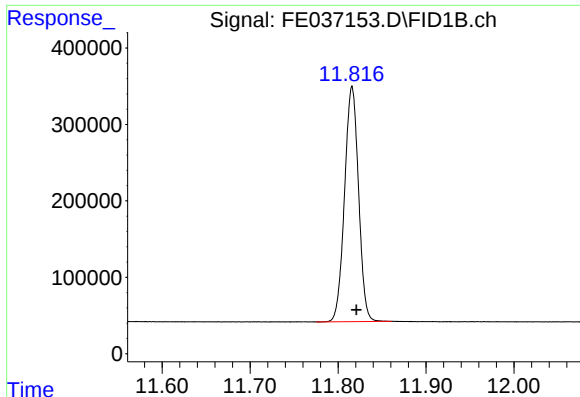
#7 n-Hexadecane (C16)

R.T.: 10.063 min  
Delta R.T.: -0.005 min  
Response: 3120940  
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

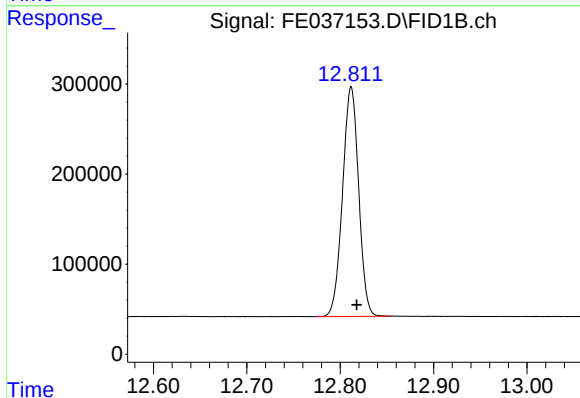
R.T.: 11.504 min  
Delta R.T.: -0.005 min  
Response: 3148933  
Conc: 19.18 ug/ml



#9 ortho-Terphenyl (SURR)

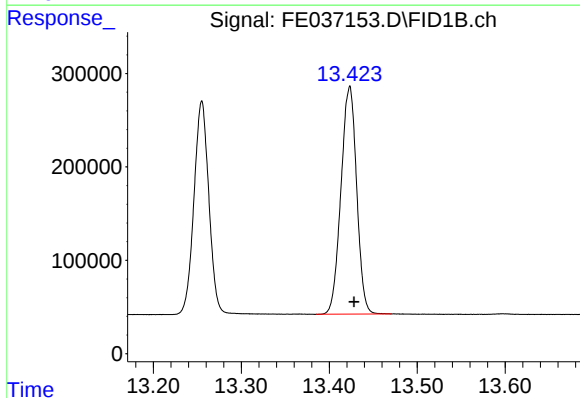
R.T.: 11.816 min  
Delta R.T.: -0.005 min  
Response: 3401770  
Conc: 18.49 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



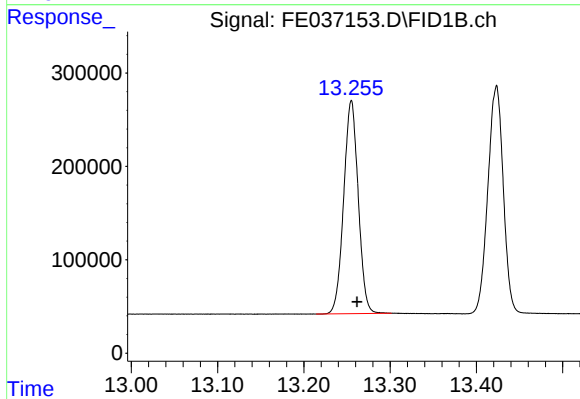
#10 n-Eicosane (C20)

R.T.: 12.812 min  
Delta R.T.: -0.006 min  
Response: 3056347  
Conc: 18.62 ug/ml



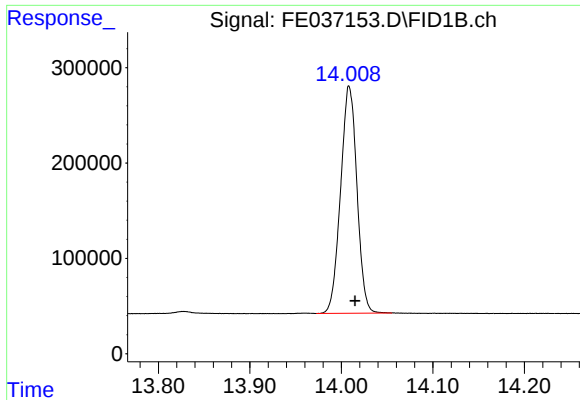
#11 n-Heneicosane (C21)

R.T.: 13.423 min  
Delta R.T.: -0.005 min  
Response: 3024266  
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

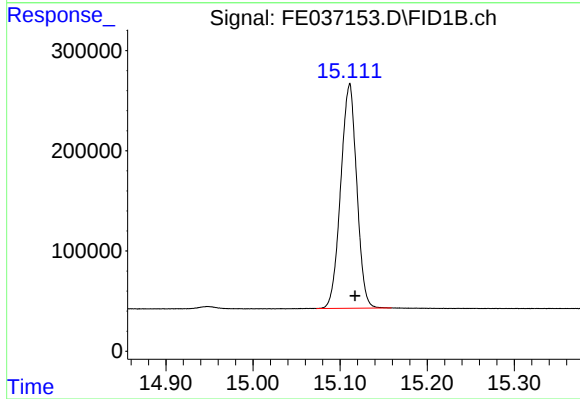
R.T.: 13.255 min  
Delta R.T.: -0.006 min  
Response: 2670346  
Conc: 18.30 ug/ml



#13 n-Docosane (C22)

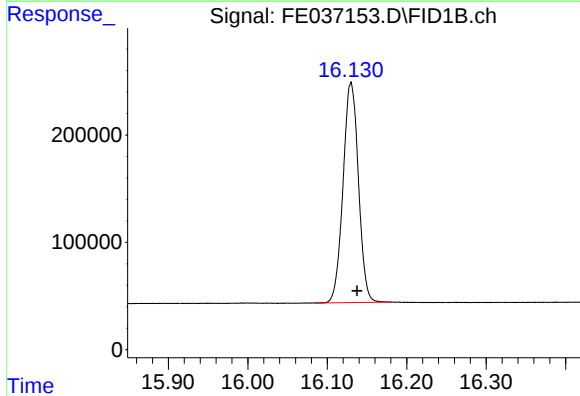
R.T.: 14.009 min  
Delta R.T.: -0.006 min  
Response: 2959857  
Conc: 18.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



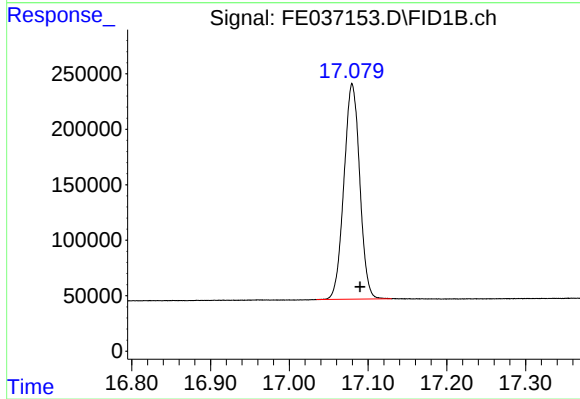
#14 n-Tetracosane (C24)

R.T.: 15.111 min  
Delta R.T.: -0.006 min  
Response: 2867293  
Conc: 17.74 ug/ml



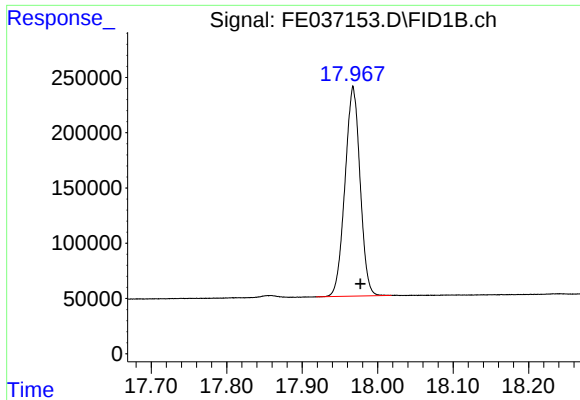
#15 n-Hexacosane (C26)

R.T.: 16.130 min  
Delta R.T.: -0.007 min  
Response: 2760261  
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

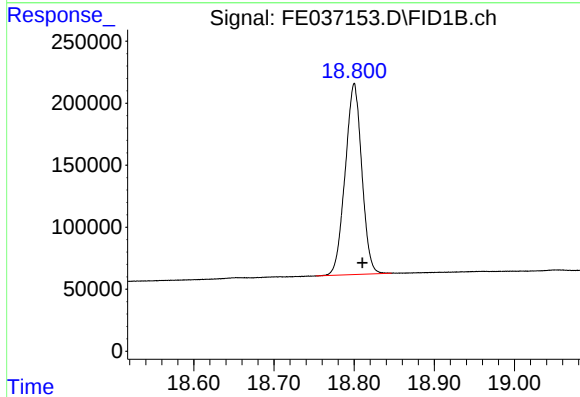
R.T.: 17.080 min  
Delta R.T.: -0.010 min  
Response: 2707802  
Conc: 17.42 ug/ml



#17 n-Tricontane (C30)

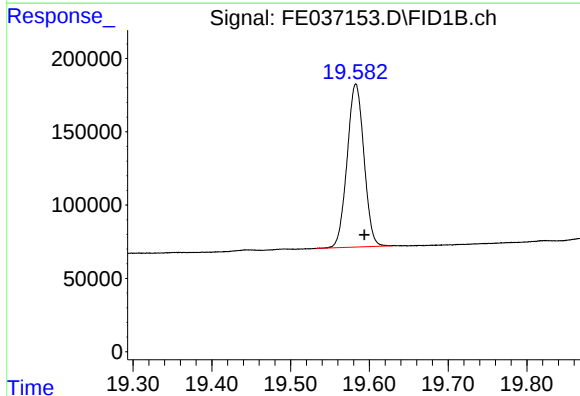
R.T.: 17.967 min  
Delta R.T.: -0.009 min  
Response: 2637016  
Conc: 18.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



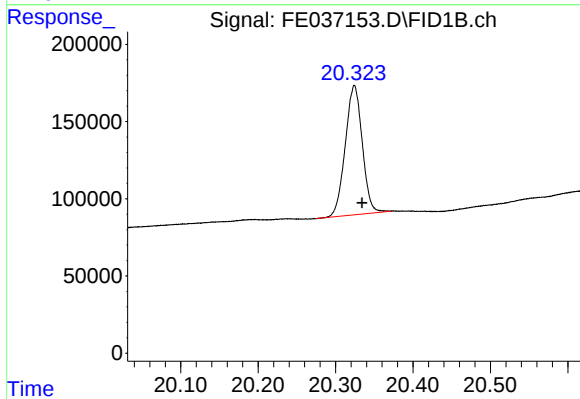
#18 n-Dotriacontane (C32)

R.T.: 18.800 min  
Delta R.T.: -0.011 min  
Response: 2216299  
Conc: 19.07 ug/ml



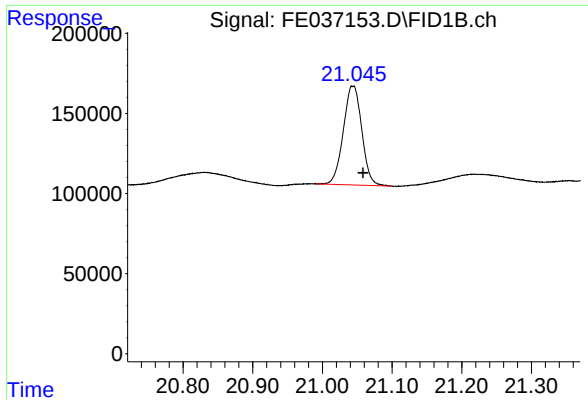
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min  
Delta R.T.: -0.011 min  
Response: 1646570  
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

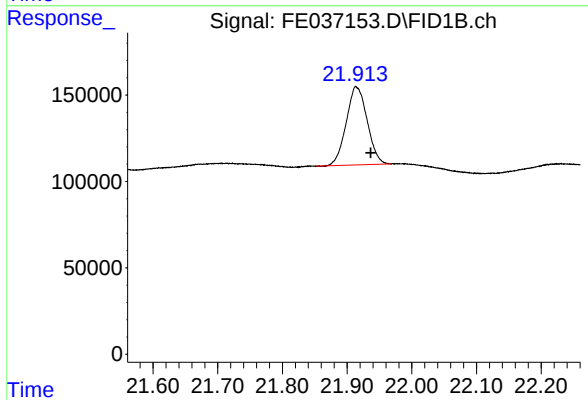
R.T.: 20.324 min  
Delta R.T.: -0.010 min  
Response: 1275361  
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.044 min  
Delta R.T.: -0.015 min  
Response: 1135920  
Conc: 22.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.914 min  
Delta R.T.: -0.023 min  
Response: 1019963  
Conc: 21.19 ug/ml