

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111722AL\  
 Data File : FE038800.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Nov 2022 08:54  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 18 04:37:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 26 04:49:29 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)    | 11.961 | 2896070    | 16.831 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.66%       |
| 12) S 1-chlorooctadecane (S... | 13.395 | 2245205    | 16.400 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 32.80%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.353  | 2685326    | 17.436 ug/ml |
| 2) T n-Decane (C10)            | 4.602  | 2762008    | 17.794 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.307  | 2980239    | 17.598 ug/ml |
| 4) T n-Dodecane (C12)          | 6.766  | 2748427    | 17.594 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.401  | 2900004    | 17.305 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.592  | 2735044    | 17.489 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.199 | 2753877    | 17.431 ug/ml |
| 8) T n-Octadecane (C18)        | 11.642 | 2758946    | 17.224 ug/ml |
| 10) T n-Eicosane (C20)         | 12.950 | 2720702    | 16.885 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.562 | 2704475    | 16.742 ug/ml |
| 13) T n-Docosane (C22)         | 14.148 | 2689010    | 16.656 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.250 | 2658470    | 16.574 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.271 | 2611204    | 16.440 ug/ml |
| 16) T n-Octacosane (C28)       | 17.220 | 2649899    | 16.890 ug/ml |
| 17) T n-Tricontane (C30)       | 18.108 | 2815610    | 17.646 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.941 | 3019440    | 19.150 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.726 | 2728105    | 18.505 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.465 | 2947704    | 20.630 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.208 | 2975199    | 22.028 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.137 | 3017186    | 23.902 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

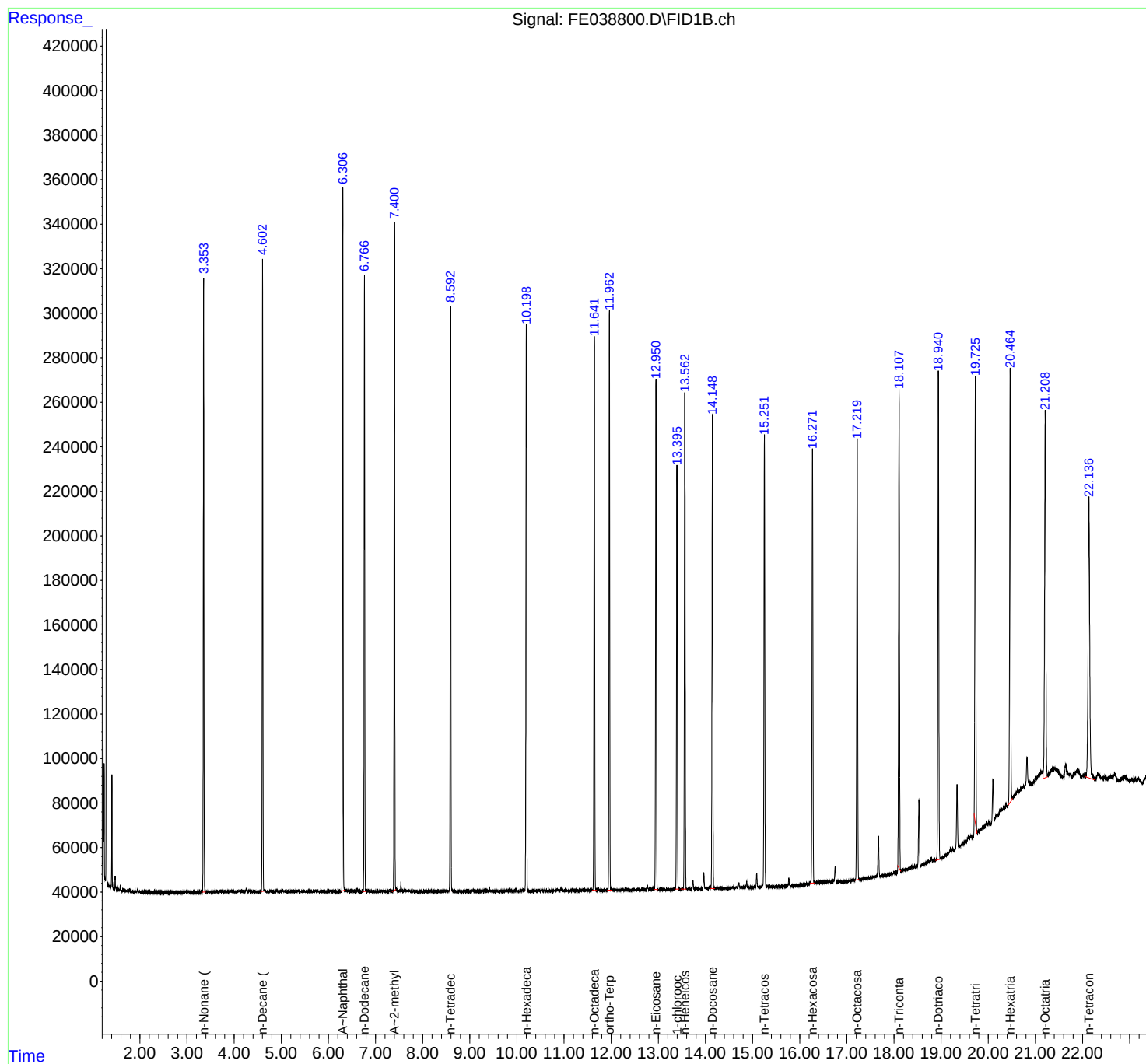
(m)=manual int.

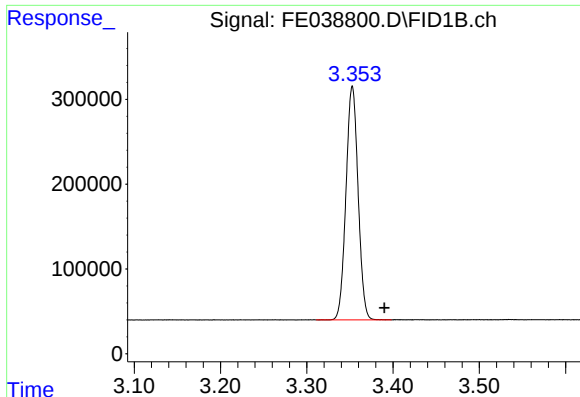
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111722AL\  
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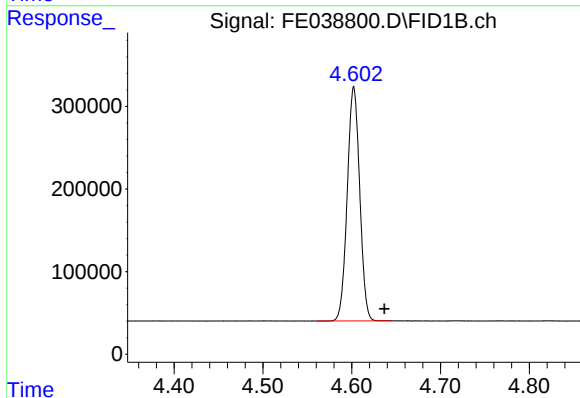




#1 n-Nonane (C9)

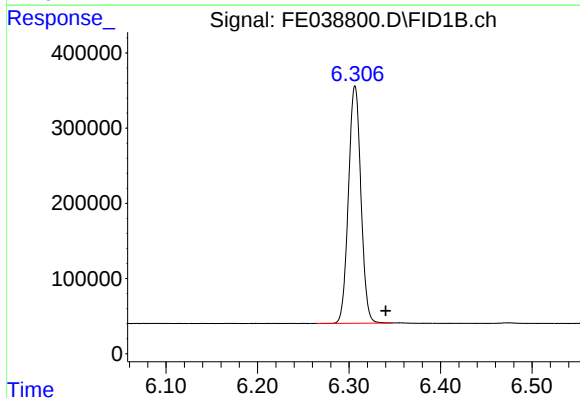
R.T.: 3.353 min  
Delta R.T.: -0.037 min  
Response: 2685326  
Conc: 17.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



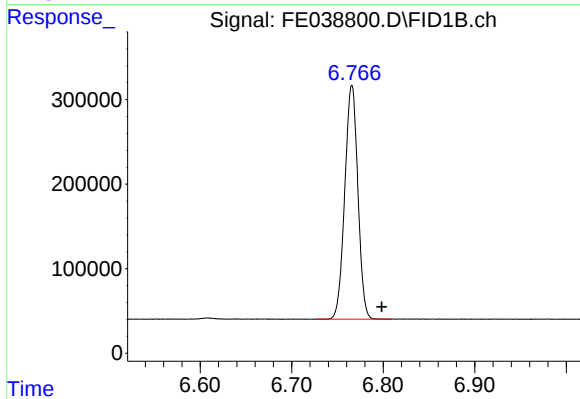
#2 n-Decane (C10)

R.T.: 4.602 min  
Delta R.T.: -0.034 min  
Response: 2762008  
Conc: 17.79 ug/ml



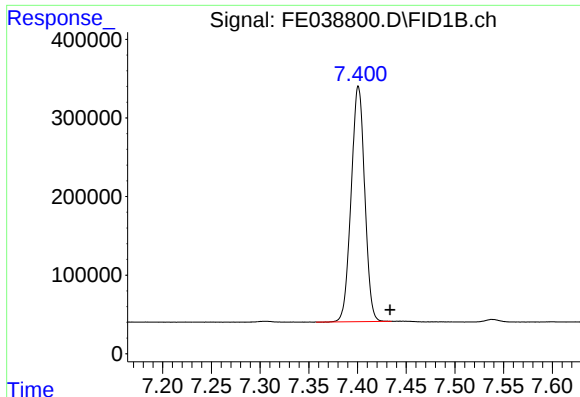
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min  
Delta R.T.: -0.034 min  
Response: 2980239  
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

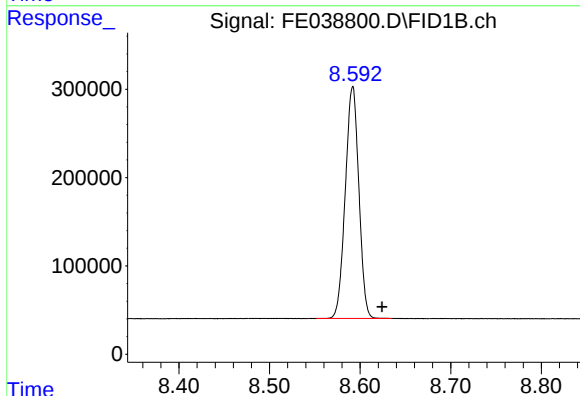
R.T.: 6.766 min  
Delta R.T.: -0.033 min  
Response: 2748427  
Conc: 17.59 ug/ml



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

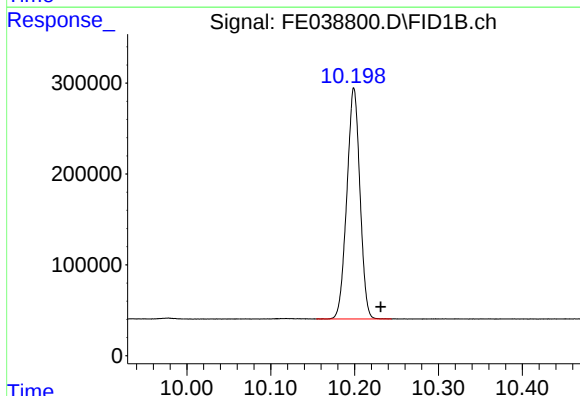
R.T.: 7.401 min  
Delta R.T.: -0.033 min  
Response: 2900004  
Conc: 17.30 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



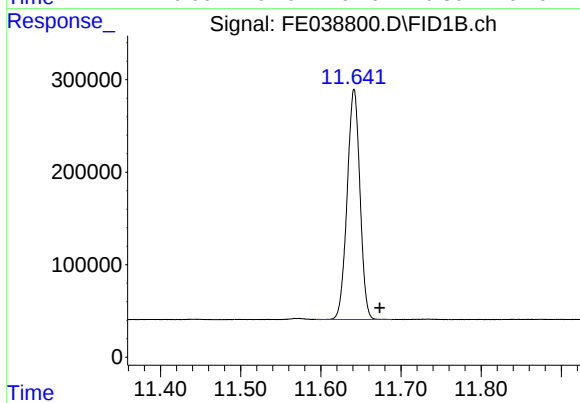
#6 n-Tetradecane (C14)

R.T.: 8.592 min  
Delta R.T.: -0.033 min  
Response: 2735044  
Conc: 17.49 ug/ml



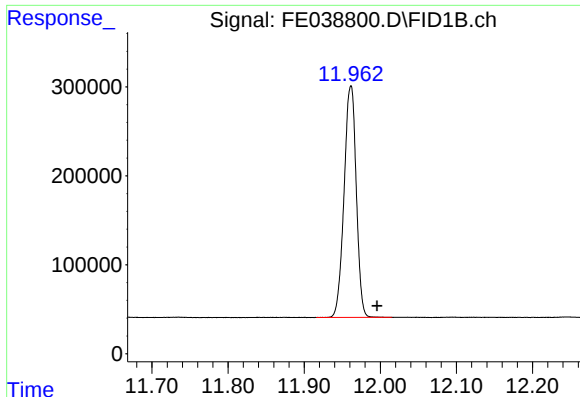
#7 n-Hexadecane (C16)

R.T.: 10.199 min  
Delta R.T.: -0.032 min  
Response: 2753877  
Conc: 17.43 ug/ml



#8 n-Octadecane (C18)

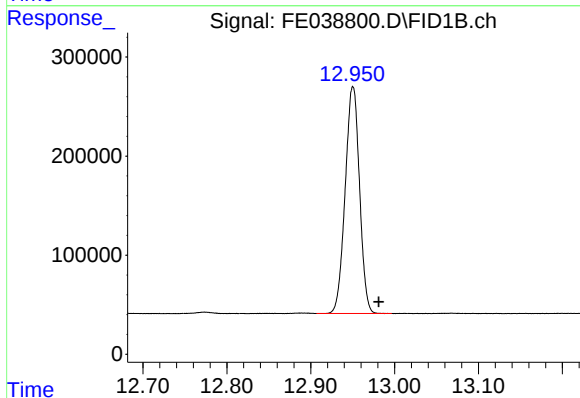
R.T.: 11.642 min  
Delta R.T.: -0.032 min  
Response: 2758946  
Conc: 17.22 ug/ml



#9 ortho-Terphenyl (SURR)

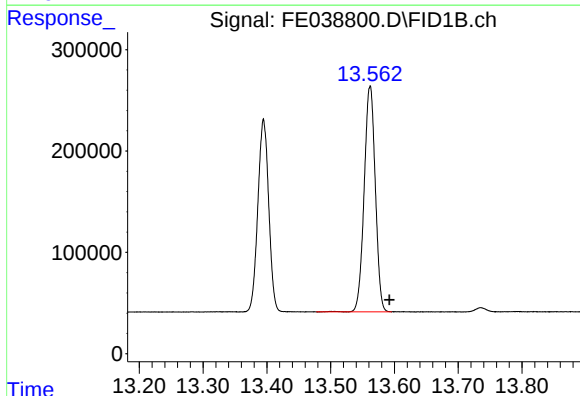
R.T.: 11.961 min  
Delta R.T.: -0.034 min  
Response: 2896070  
Conc: 16.83 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



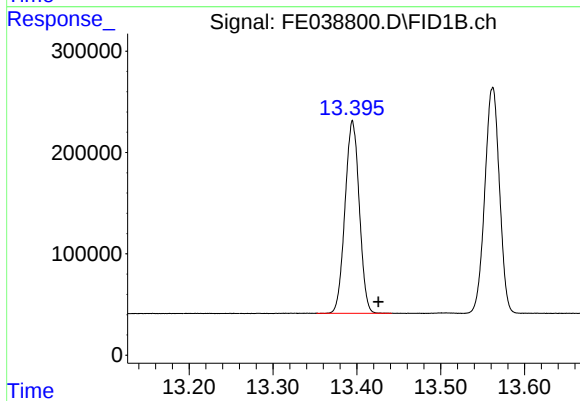
#10 n-Eicosane (C20)

R.T.: 12.950 min  
Delta R.T.: -0.031 min  
Response: 2720702  
Conc: 16.89 ug/ml



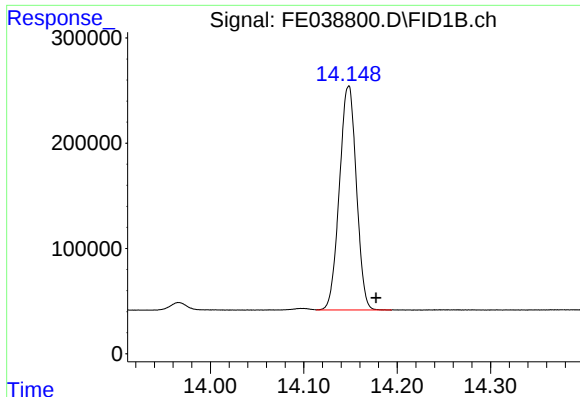
#11 n-Heneicosane (C21)

R.T.: 13.562 min  
Delta R.T.: -0.030 min  
Response: 2704475  
Conc: 16.74 ug/ml



#12 1-chlorooctadecane (SURR)

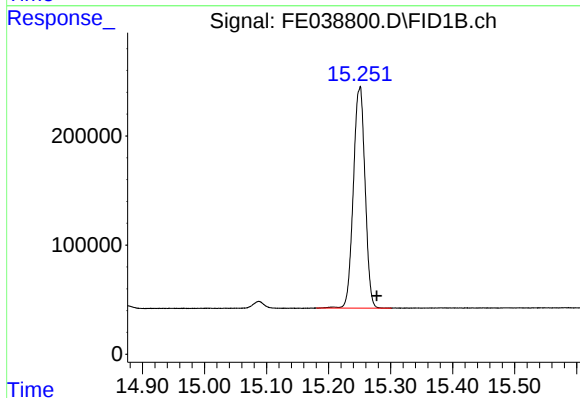
R.T.: 13.395 min  
Delta R.T.: -0.031 min  
Response: 2245205  
Conc: 16.40 ug/ml



#13 n-Docosane (C22)

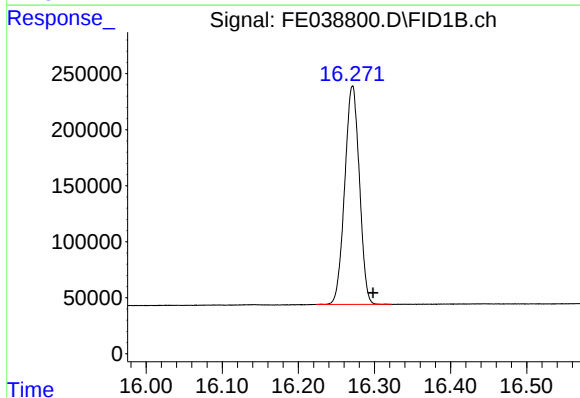
R.T.: 14.148 min  
Delta R.T.: -0.030 min  
Response: 2689010  
Conc: 16.66 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



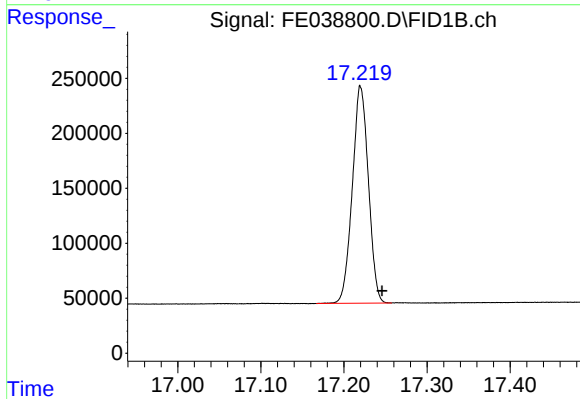
#14 n-Tetracosane (C24)

R.T.: 15.250 min  
Delta R.T.: -0.027 min  
Response: 2658470  
Conc: 16.57 ug/ml



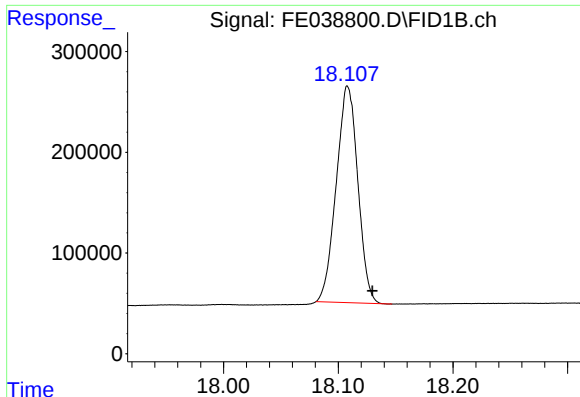
#15 n-Hexacosane (C26)

R.T.: 16.271 min  
Delta R.T.: -0.027 min  
Response: 2611204  
Conc: 16.44 ug/ml



#16 n-Octacosane (C28)

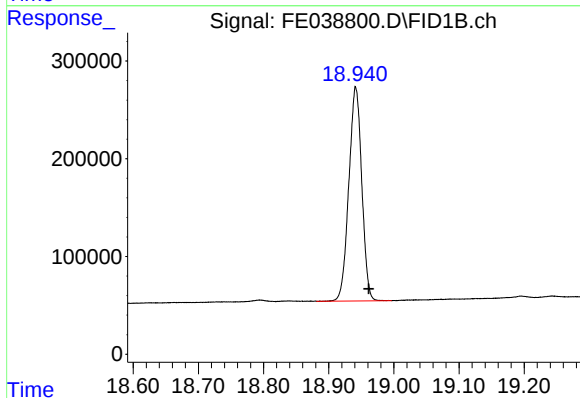
R.T.: 17.220 min  
Delta R.T.: -0.026 min  
Response: 2649899  
Conc: 16.89 ug/ml



#17 n-Tricontane (C30)

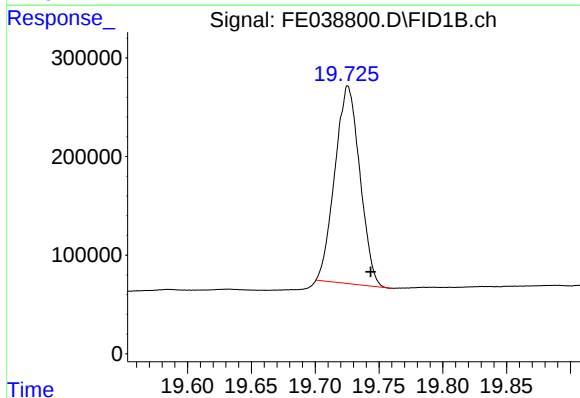
R.T.: 18.108 min  
Delta R.T.: -0.022 min  
Response: 2815610  
Conc: 17.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



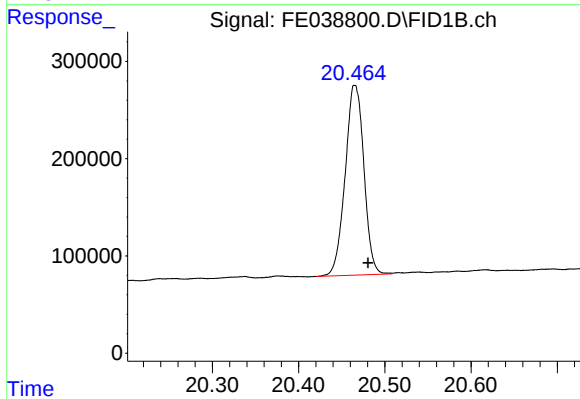
#18 n-Dotriacontane (C32)

R.T.: 18.941 min  
Delta R.T.: -0.020 min  
Response: 3019440  
Conc: 19.15 ug/ml



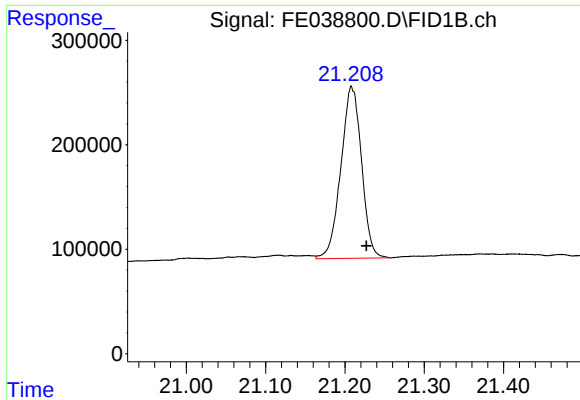
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min  
Delta R.T.: -0.018 min  
Response: 2728105  
Conc: 18.51 ug/ml



#20 n-Hexatriacontane (C36)

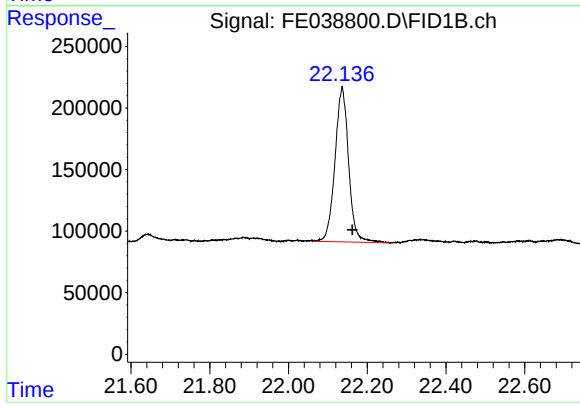
R.T.: 20.465 min  
Delta R.T.: -0.015 min  
Response: 2947704  
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min  
Delta R.T.: -0.019 min  
Response: 2975199  
Conc: 22.03 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.137 min  
Delta R.T.: -0.026 min  
Response: 3017186  
Conc: 23.90 ug/ml