

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081325AL\  
 Data File : FE055281.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Aug 2025 08:17  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: sample.E  
 Quant Time: Aug 13 11:27:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 13:47:09 2025  
 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)    | 12.085 | 2631230    | 18.425 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.85%       |
| 12) S 1-chlorooctadecane (S... | 13.522 | 2012299    | 18.715 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.43%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.420  | 1958192    | 17.062 ug/ml |
| 2) T n-Decane (C10)            | 4.678  | 2086336    | 17.909 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.399  | 2395707    | 17.848 ug/ml |
| 4) T n-Dodecane (C12)          | 6.855  | 2146969    | 18.029 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.501  | 2360538    | 18.105 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.692  | 2217145    | 18.083 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.308 | 2336638    | 18.277 ug/ml |
| 8) T n-Octadecane (C18)        | 11.758 | 2414923    | 18.509 ug/ml |
| 10) T n-Eicosane (C20)         | 13.074 | 2354930    | 18.769 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.688 | 2298004    | 18.642 ug/ml |
| 13) T n-Docosane (C22)         | 14.277 | 2342966    | 19.186 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.384 | 2451004    | 20.151 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.408 | 2498079    | 20.879 ug/ml |
| 16) T n-Octacosane (C28)       | 17.361 | 2593379    | 21.862 ug/ml |
| 17) T n-Tricontane (C30)       | 18.251 | 2867201    | 23.301 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.086 | 2962018    | 24.277 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.871 | 2726891    | 23.323 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.613 | 2406952    | 22.022 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.394 | 2204509    | 20.399 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.386 | 2067252    | 19.768 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

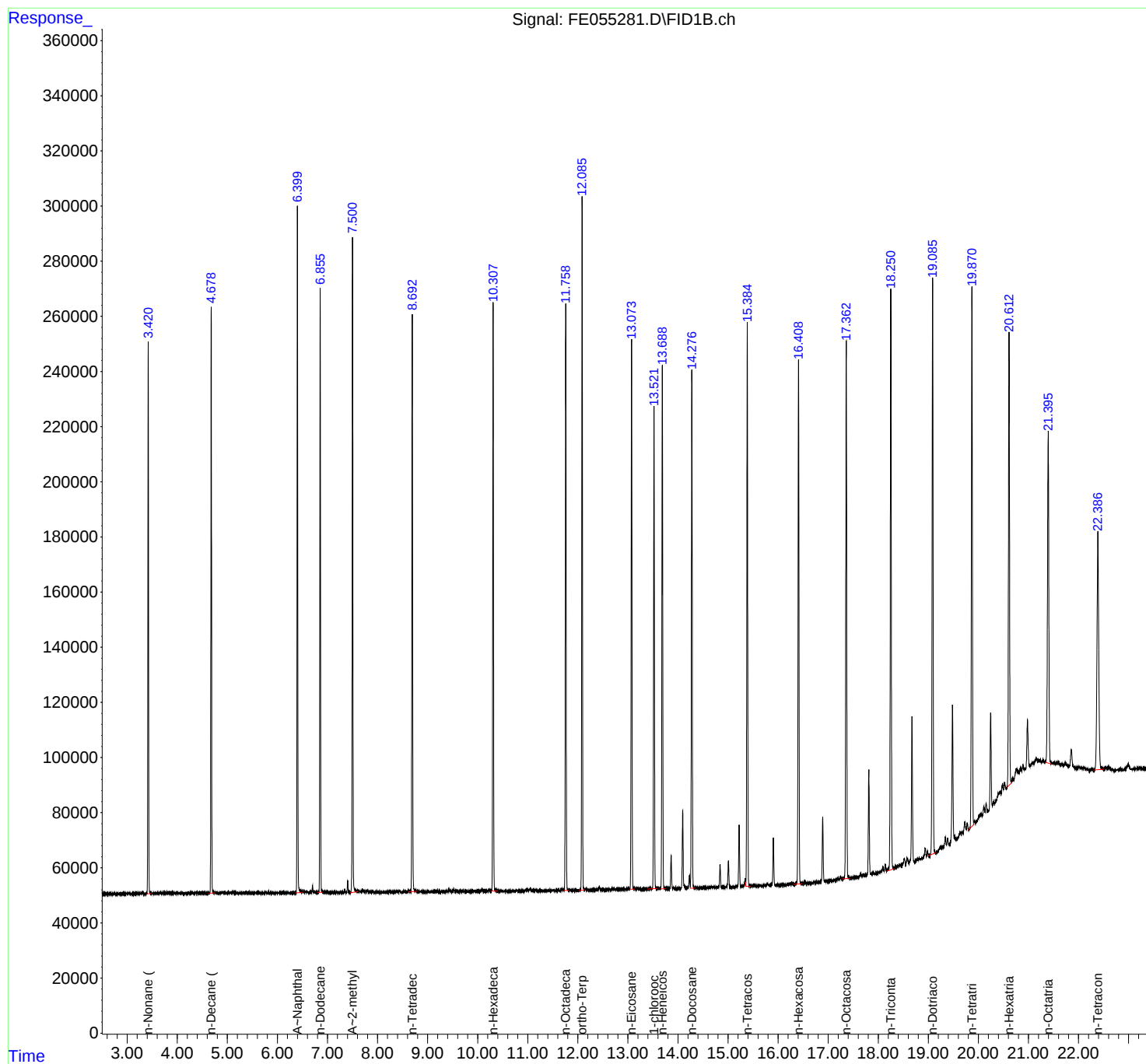
(m)=manual int.

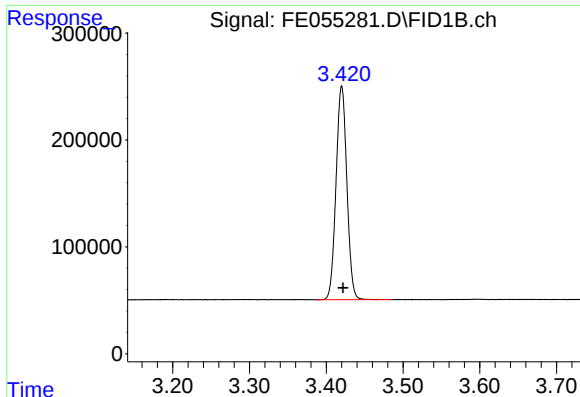
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081325AL\  
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Signal Info : 20M x 0.18mm x 0.18um

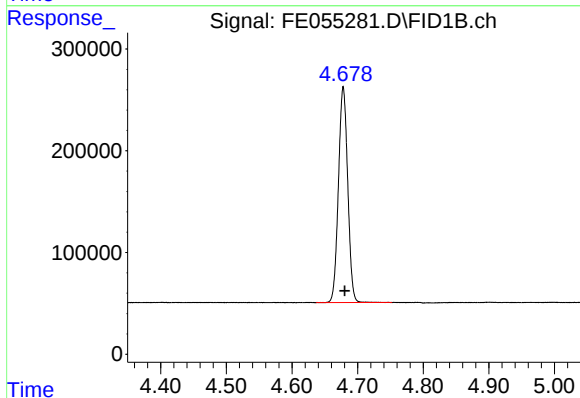




#1 n-Nonane (C9)

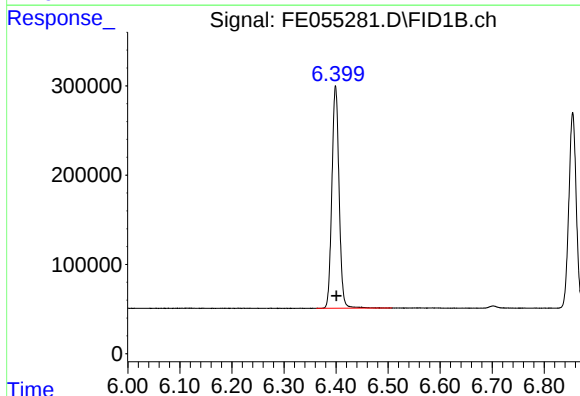
R.T.: 3.420 min  
Delta R.T.: -0.002 min  
Response: 1958192  
Conc: 17.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



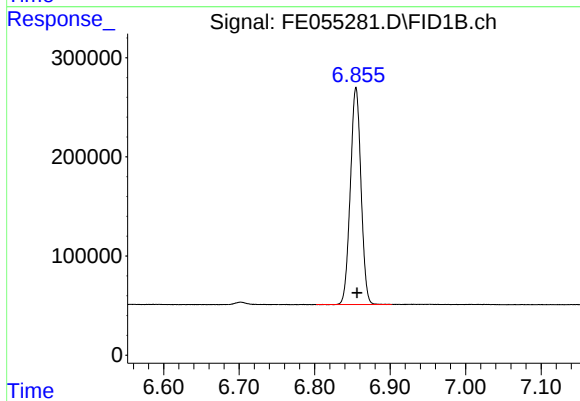
#2 n-Decane (C10)

R.T.: 4.678 min  
Delta R.T.: -0.002 min  
Response: 2086336  
Conc: 17.91 ug/ml



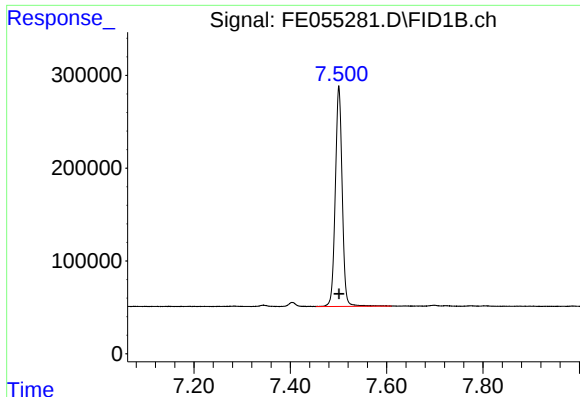
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min  
Delta R.T.: -0.002 min  
Response: 2395707  
Conc: 17.85 ug/ml



#4 n-Dodecane (C12)

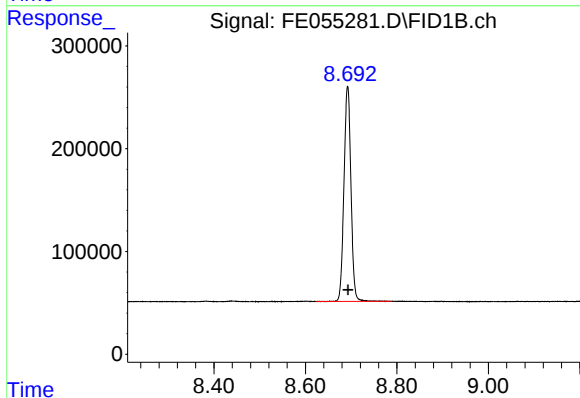
R.T.: 6.855 min  
Delta R.T.: -0.002 min  
Response: 2146969  
Conc: 18.03 ug/ml



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

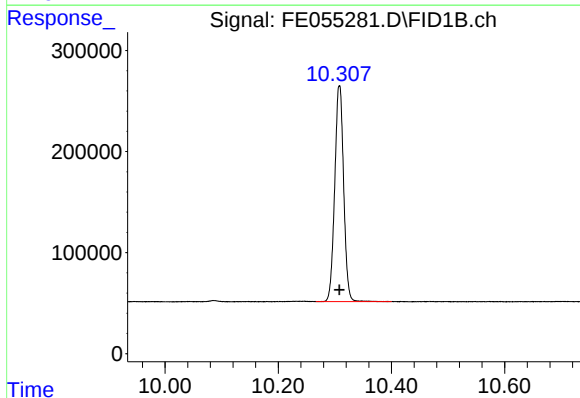
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 2360538  
Conc: 18.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



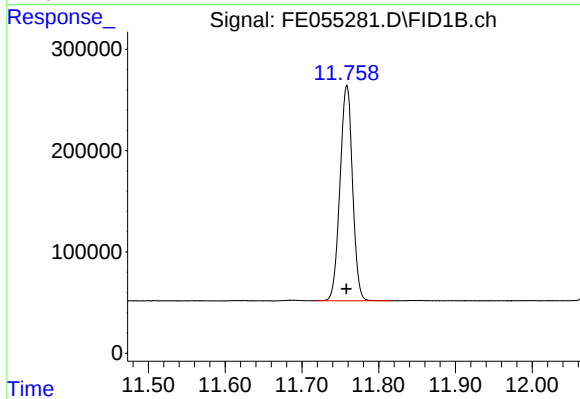
#6 n-Tetradecane (C14)

R.T.: 8.692 min  
Delta R.T.: -0.001 min  
Response: 2217145  
Conc: 18.08 ug/ml



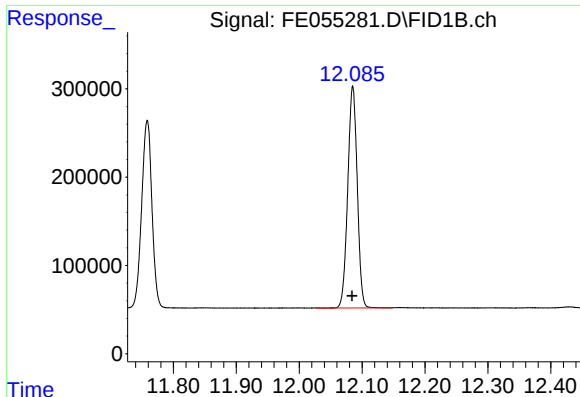
#7 n-Hexadecane (C16)

R.T.: 10.308 min  
Delta R.T.: 0.000 min  
Response: 2336638  
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

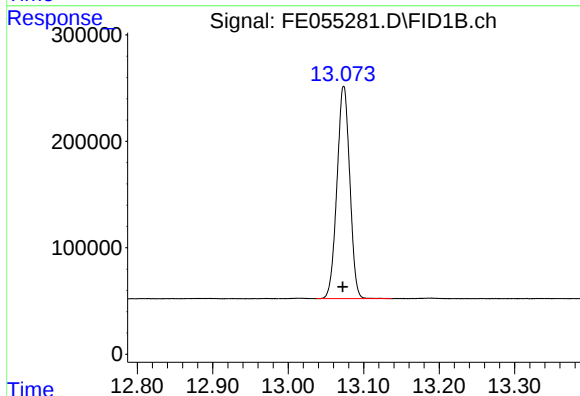
R.T.: 11.758 min  
Delta R.T.: 0.000 min  
Response: 2414923  
Conc: 18.51 ug/ml



#9 ortho-Terphenyl (SURR)

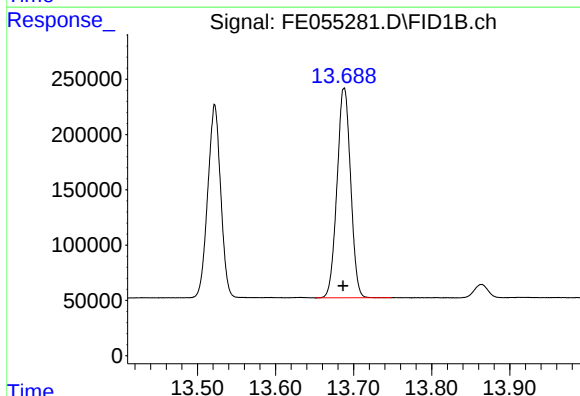
R.T.: 12.085 min  
Delta R.T.: 0.001 min  
Response: 2631230  
Conc: 18.43 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



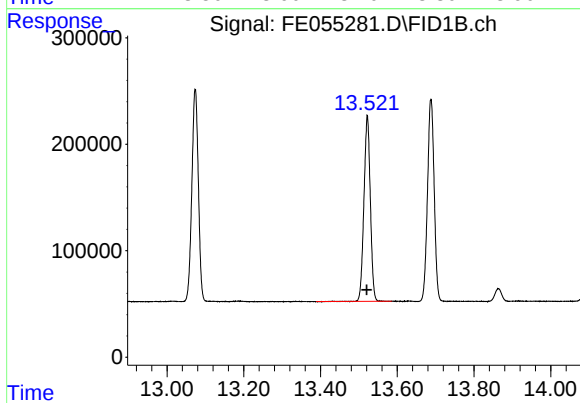
#10 n-Eicosane (C20)

R.T.: 13.074 min  
Delta R.T.: 0.001 min  
Response: 2354930  
Conc: 18.77 ug/ml



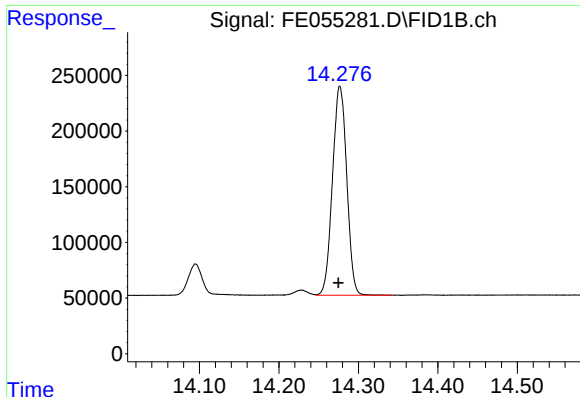
#11 n-Heneicosane (C21)

R.T.: 13.688 min  
Delta R.T.: 0.002 min  
Response: 2298004  
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

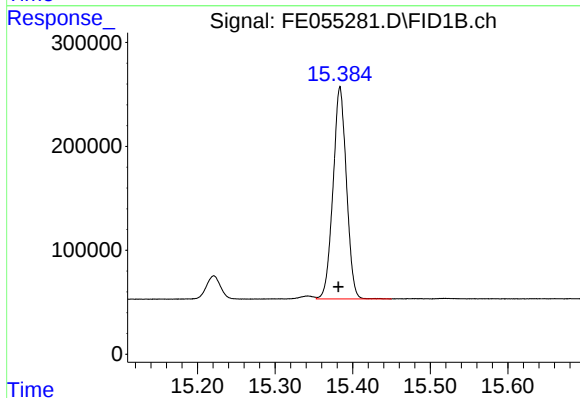
R.T.: 13.522 min  
Delta R.T.: 0.002 min  
Response: 2012299  
Conc: 18.71 ug/ml



#13 n-Docosane (C22)

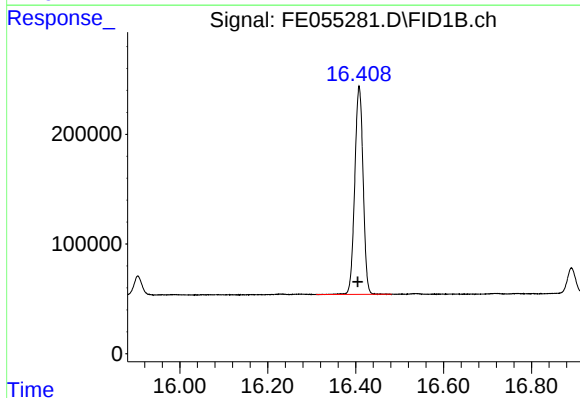
R.T.: 14.277 min  
Delta R.T.: 0.002 min  
Response: 2342966  
Conc: 19.19 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



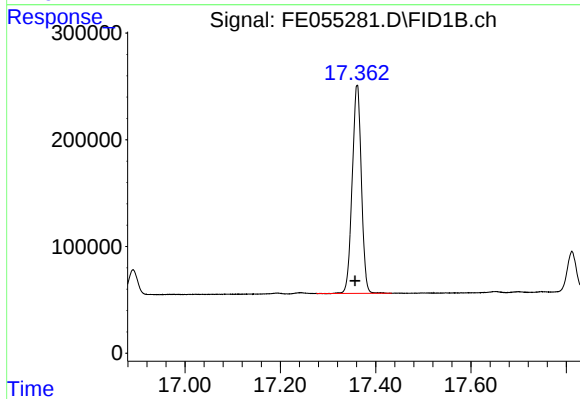
#14 n-Tetracosane (C24)

R.T.: 15.384 min  
Delta R.T.: 0.002 min  
Response: 2451004  
Conc: 20.15 ug/ml



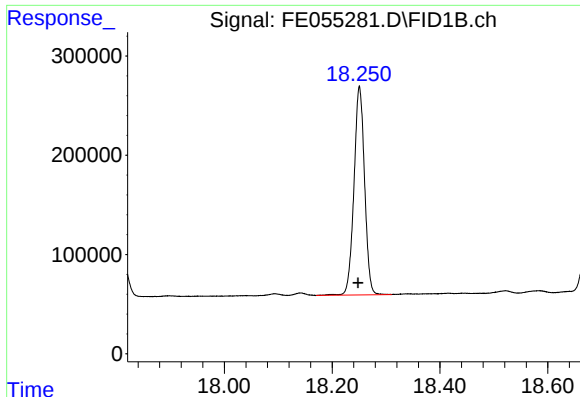
#15 n-Hexacosane (C26)

R.T.: 16.408 min  
Delta R.T.: 0.003 min  
Response: 2498079  
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

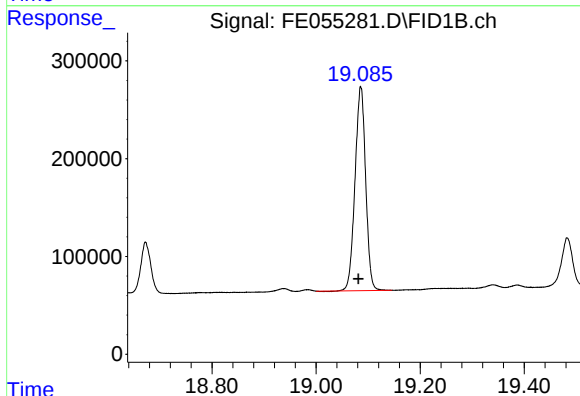
R.T.: 17.361 min  
Delta R.T.: 0.004 min  
Response: 2593379  
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

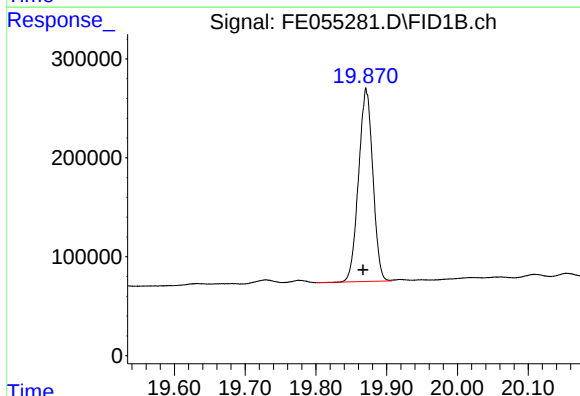
R.T.: 18.251 min  
Delta R.T.: 0.003 min  
Response: 2867201  
Conc: 23.30 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



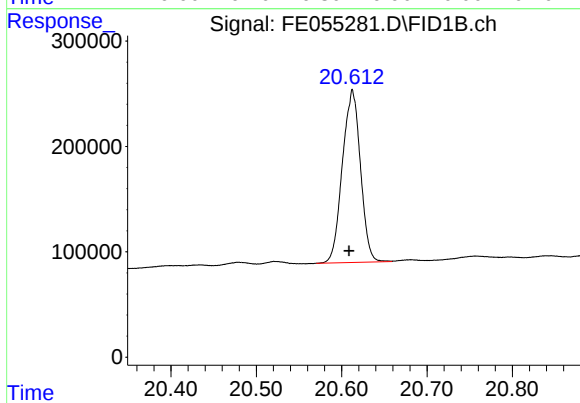
#18 n-Dotriacontane (C32)

R.T.: 19.086 min  
Delta R.T.: 0.004 min  
Response: 2962018  
Conc: 24.28 ug/ml



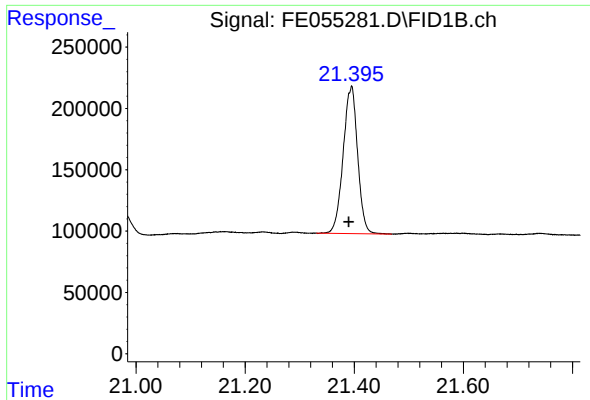
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min  
Delta R.T.: 0.004 min  
Response: 2726891  
Conc: 23.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min  
Delta R.T.: 0.004 min  
Response: 2406952  
Conc: 22.02 ug/ml



#21 n-Octatriacontane (C38)

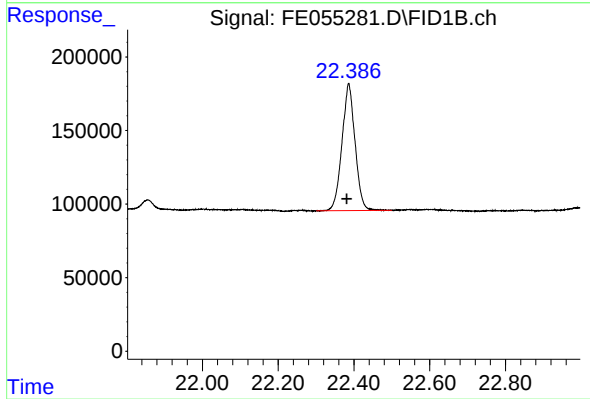
R.T.: 21.394 min  
Delta R.T.: 0.005 min  
Response: 2204509  
Conc: 20.40 ug/ml

Instrument :

FID\_E

ClientSampleId :

20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.386 min  
Delta R.T.: 0.005 min  
Response: 2067252  
Conc: 19.77 ug/ml