

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF102025AL\  
 Data File : FF016568.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Oct 2025 13:46  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 20 23:18:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 100225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 03 05:49:41 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)    | 11.970 | 2626426    | 18.160 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.32%       |
| 12) S 1-chlorooctadecane (S... | 13.412 | 1981100    | 17.761 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.52%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.320  | 2149569    | 18.386 ug/ml |
| 2) T n-Decane (C10)            | 4.582  | 2222208    | 18.761 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.294  | 2342376    | 17.935 ug/ml |
| 4) T n-Dodecane (C12)          | 6.761  | 2256062    | 18.795 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.395  | 2246996    | 17.648 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.594  | 2246511    | 18.643 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.204 | 2345393    | 18.780 ug/ml |
| 8) T n-Octadecane (C18)        | 11.652 | 2416670    | 18.657 ug/ml |
| 10) T n-Eicosane (C20)         | 12.965 | 2366254    | 18.505 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.579 | 2316612    | 18.246 ug/ml |
| 13) T n-Docosane (C22)         | 14.167 | 2359875    | 18.587 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.274 | 2445949    | 19.121 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.299 | 2412799    | 19.301 ug/ml |
| 16) T n-Octacosane (C28)       | 17.253 | 2445792    | 19.962 ug/ml |
| 17) T n-Tricontane (C30)       | 18.145 | 2654010    | 21.310 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.981 | 2710753    | 22.491 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.769 | 2397895    | 21.989 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.512 | 1979934    | 21.214 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.273 | 1644138    | 19.550 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.224 | 1439743    | 18.339 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

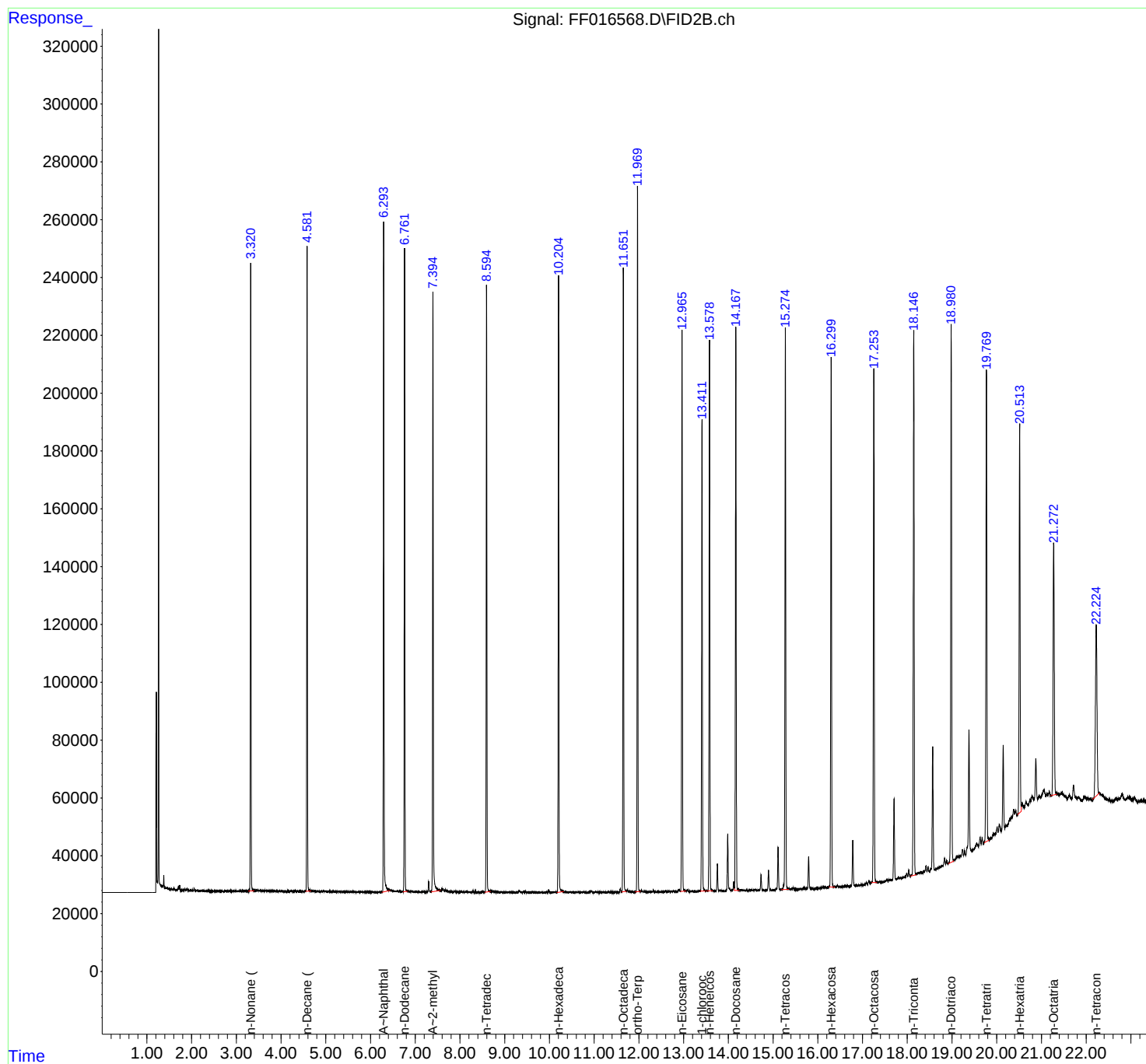
(m)=manual int.

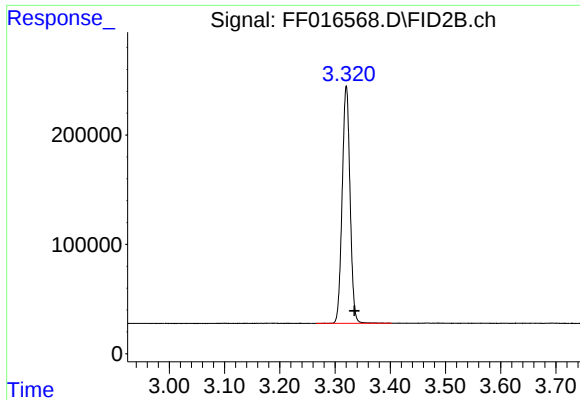
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF102025AL\  
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Volume Inj. : 1 ul  
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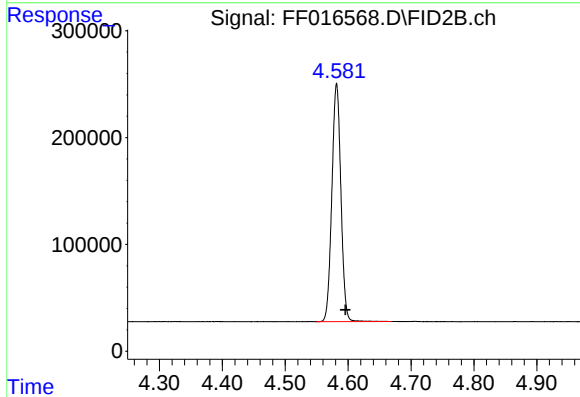




#1 n-Nonane (C9)

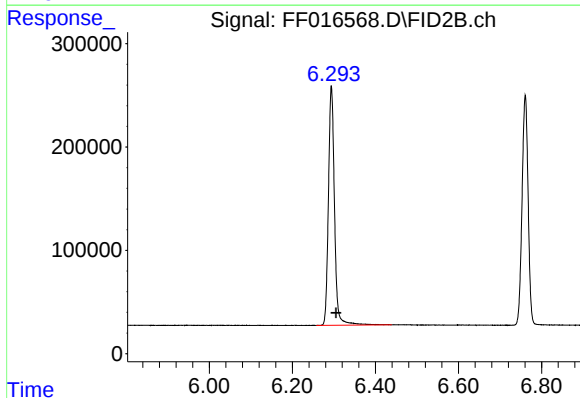
R.T.: 3.320 min  
Delta R.T.: -0.015 min  
Response: 2149569  
Conc: 18.39 ug/ml

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



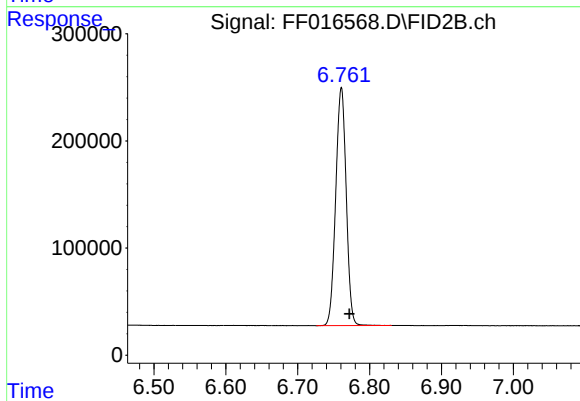
#2 n-Decane (C10)

R.T.: 4.582 min  
Delta R.T.: -0.014 min  
Response: 2222208  
Conc: 18.76 ug/ml



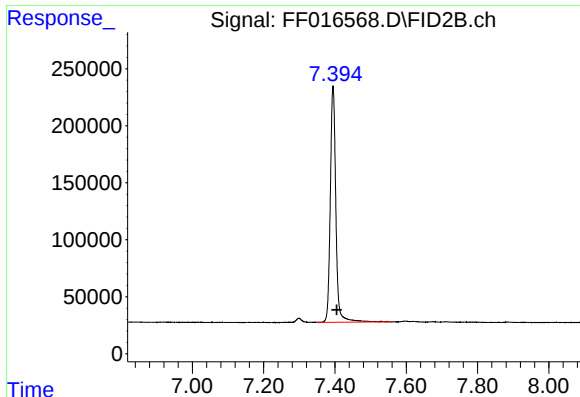
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min  
Delta R.T.: -0.011 min  
Response: 2342376  
Conc: 17.93 ug/ml



#4 n-Dodecane (C12)

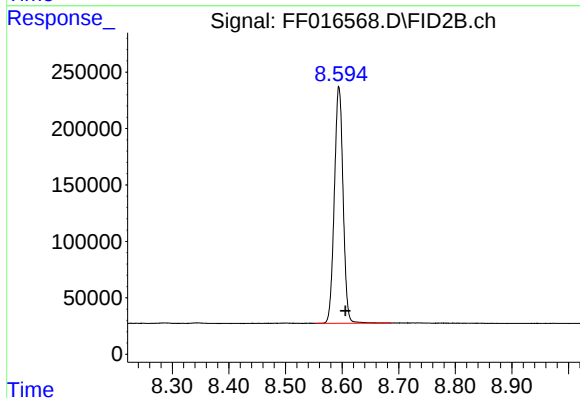
R.T.: 6.761 min  
Delta R.T.: -0.011 min  
Response: 2256062  
Conc: 18.80 ug/ml



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

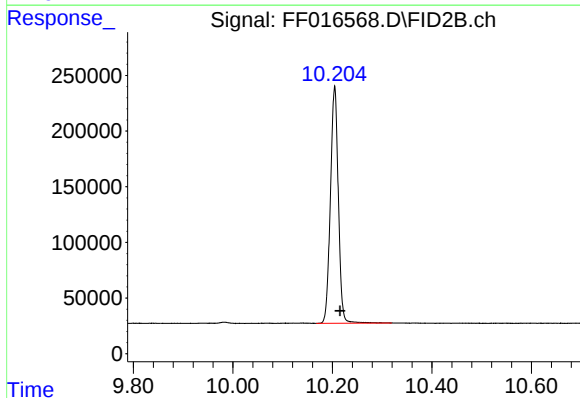
R.T.: 7.395 min  
Delta R.T.: -0.010 min  
Response: 2246996  
Conc: 17.65 ug/ml

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



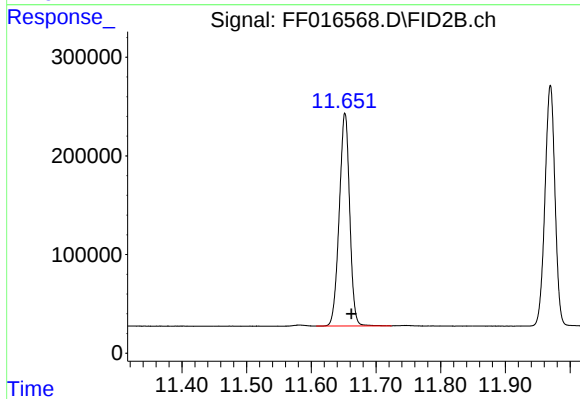
#6 n-Tetradecane (C14)

R.T.: 8.594 min  
Delta R.T.: -0.012 min  
Response: 2246511  
Conc: 18.64 ug/ml



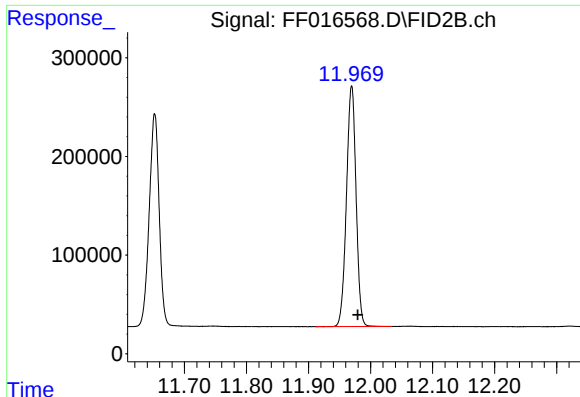
#7 n-Hexadecane (C16)

R.T.: 10.204 min  
Delta R.T.: -0.011 min  
Response: 2345393  
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

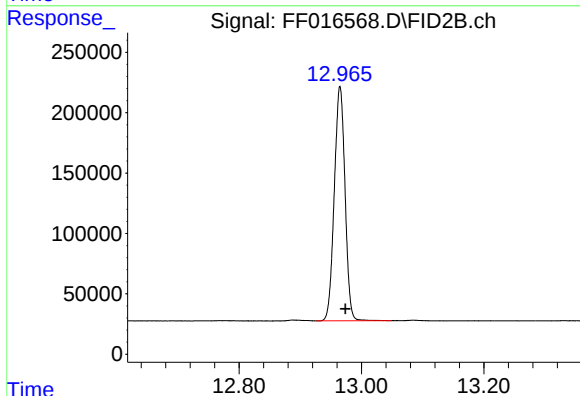
R.T.: 11.652 min  
Delta R.T.: -0.010 min  
Response: 2416670  
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

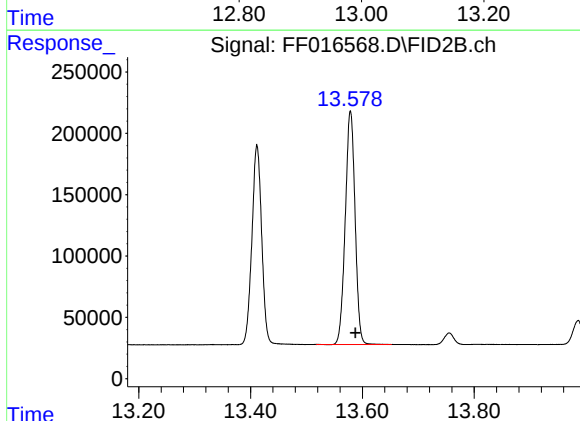
R.T.: 11.970 min  
Delta R.T.: -0.010 min  
Response: 2626426  
Conc: 18.16 ug/ml

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



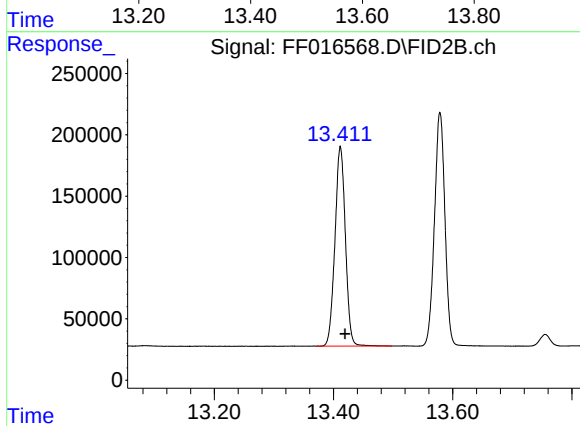
#10 n-Eicosane (C20)

R.T.: 12.965 min  
Delta R.T.: -0.009 min  
Response: 2366254  
Conc: 18.51 ug/ml



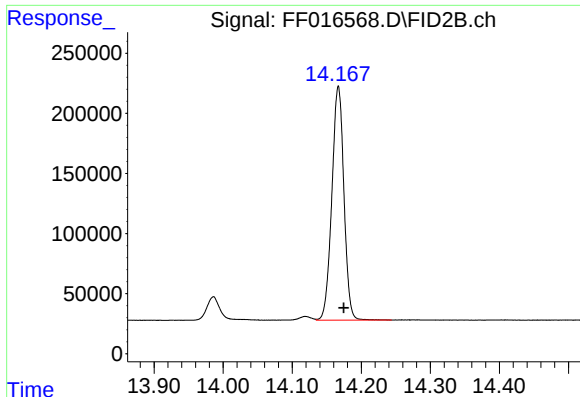
#11 n-Heneicosane (C21)

R.T.: 13.579 min  
Delta R.T.: -0.009 min  
Response: 2316612  
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

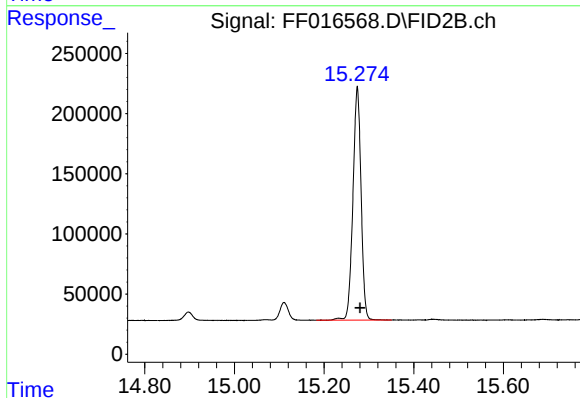
R.T.: 13.412 min  
Delta R.T.: -0.008 min  
Response: 1981100  
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

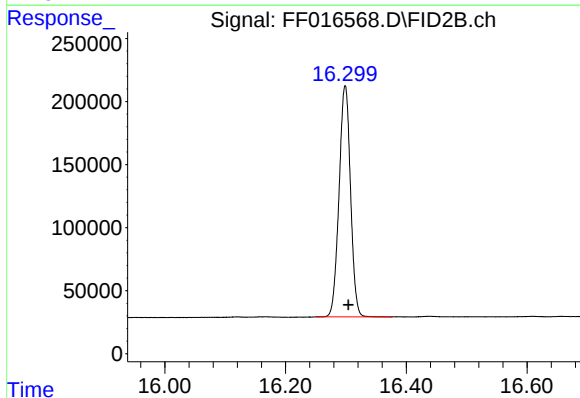
R.T.: 14.167 min  
Delta R.T.: -0.008 min  
Response: 2359875  
Conc: 18.59 ug/ml

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



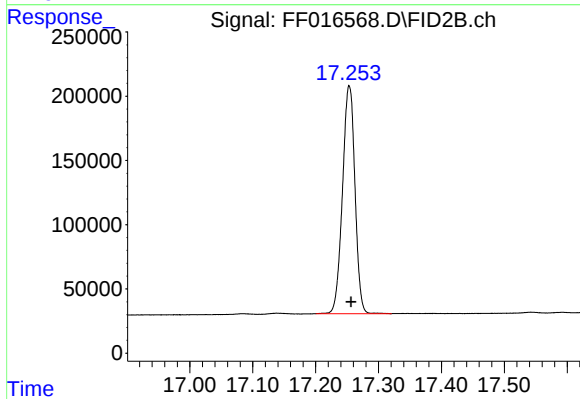
#14 n-Tetracosane (C24)

R.T.: 15.274 min  
Delta R.T.: -0.006 min  
Response: 2445949  
Conc: 19.12 ug/ml



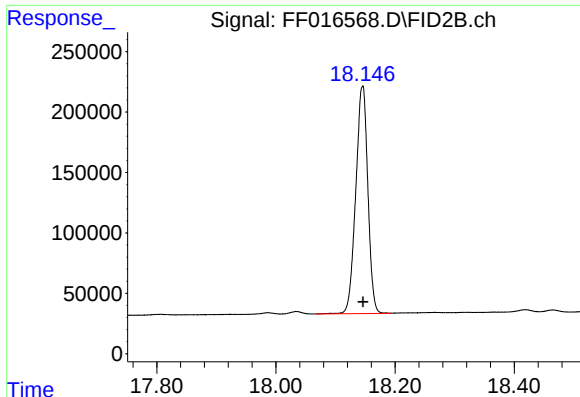
#15 n-Hexacosane (C26)

R.T.: 16.299 min  
Delta R.T.: -0.005 min  
Response: 2412799  
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

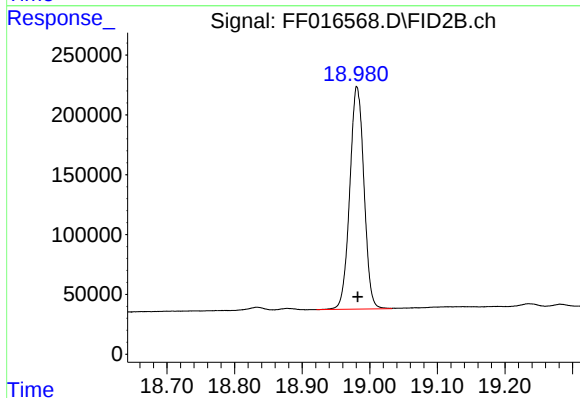
R.T.: 17.253 min  
Delta R.T.: -0.003 min  
Response: 2445792  
Conc: 19.96 ug/ml



#17 n-Tricontane (C30)

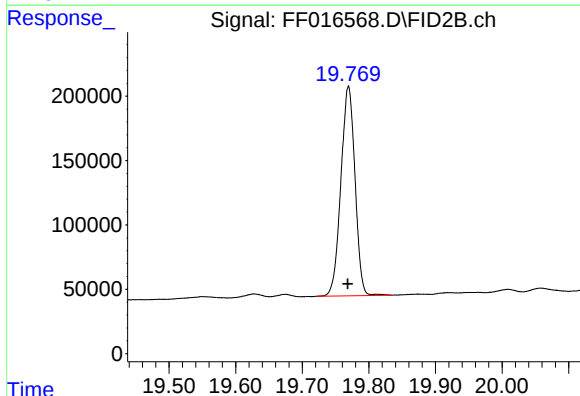
R.T.: 18.145 min  
Delta R.T.: -0.001 min  
Response: 2654010  
Conc: 21.31 ug/ml

Instrument :  
FID\_F  
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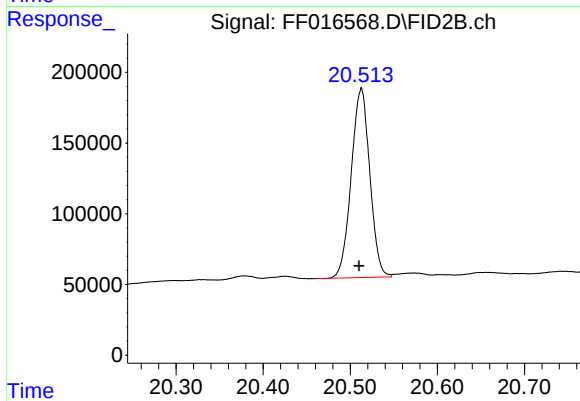
#18 n-Dotriacontane (C32)

R.T.: 18.981 min  
Delta R.T.: -0.001 min  
Response: 2710753  
Conc: 22.49 ug/ml



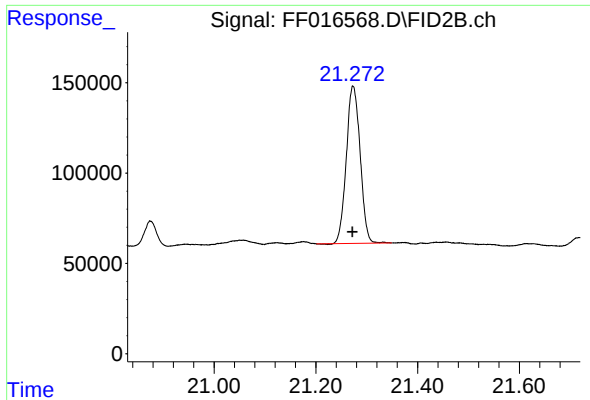
#19 n-Tetratriacontane (C34)

R.T.: 19.769 min  
Delta R.T.: 0.001 min  
Response: 2397895  
Conc: 21.99 ug/ml



#20 n-Hexatriacontane (C36)

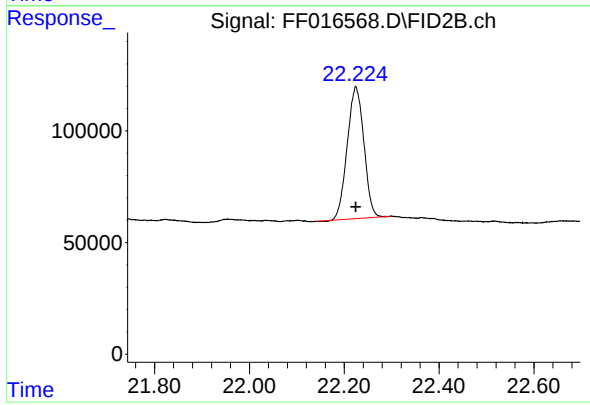
R.T.: 20.512 min  
Delta R.T.: 0.002 min  
Response: 1979934  
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.273 min  
Delta R.T.: 0.001 min  
Response: 1644138  
Conc: 19.55 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.224 min  
Delta R.T.: 0.000 min  
Response: 1439743  
Conc: 18.34 ug/ml