

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082825AL\  
 Data File : FF016263.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Aug 2025 14:57  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Aug 29 03:22:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 29 03:19:37 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)    | 11.984 | 7114549    | 49.590 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.18%       |
| 12) S 1-chlorooctadecane (S... | 13.423 | 5517507    | 49.645 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.29%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.336  | 5756746    | 49.652 ug/ml |
| 2) T n-Decane (C10)            | 4.597  | 5868071    | 49.797 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.307  | 6496536    | 50.011 ug/ml |
| 4) T n-Dodecane (C12)          | 6.775  | 5965022    | 50.049 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.408  | 6337183    | 50.083 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.609  | 5977208    | 50.029 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.218 | 6212172    | 50.133 ug/ml |
| 8) T n-Octadecane (C18)        | 11.665 | 6422271    | 49.790 ug/ml |
| 10) T n-Eicosane (C20)         | 12.977 | 6296882    | 49.430 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.591 | 6242115    | 49.356 ug/ml |
| 13) T n-Docosane (C22)         | 14.178 | 6249577    | 49.344 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.283 | 6263355    | 49.057 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.307 | 6120648    | 48.986 ug/ml |
| 16) T n-Octacosane (C28)       | 17.259 | 5939341    | 48.338 ug/ml |
| 17) T n-Tricontane (C30)       | 18.150 | 5916904    | 47.243 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.985 | 5596193    | 46.137 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.771 | 5092975    | 46.363 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.513 | 4426683    | 47.116 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.273 | 4019342    | 47.792 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.224 | 3809752    | 48.571 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

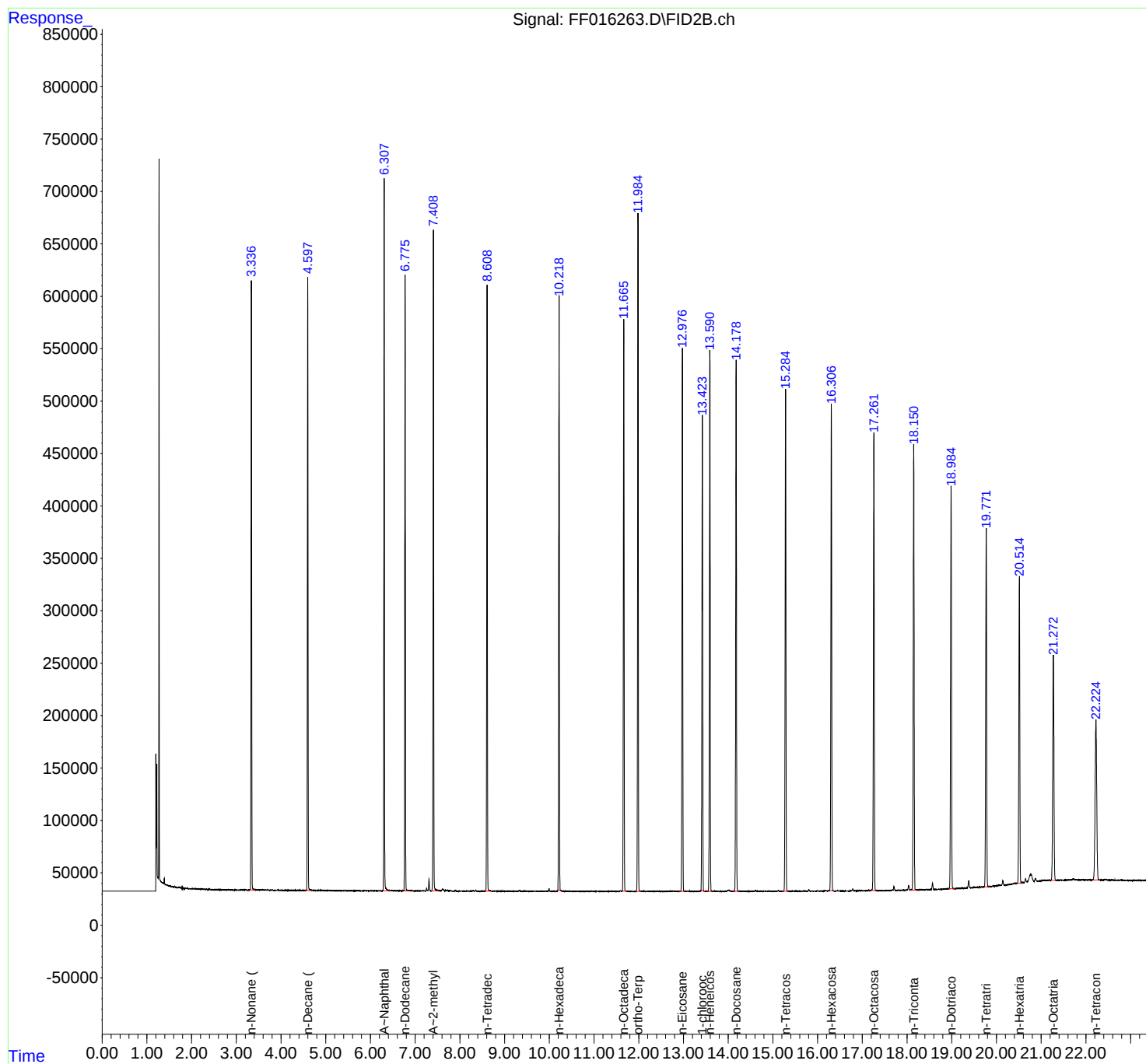
(m)=manual int.

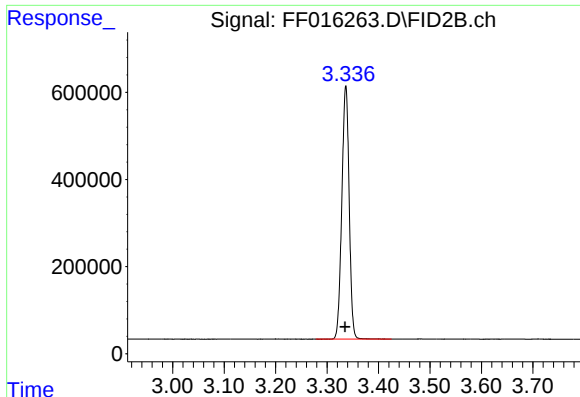
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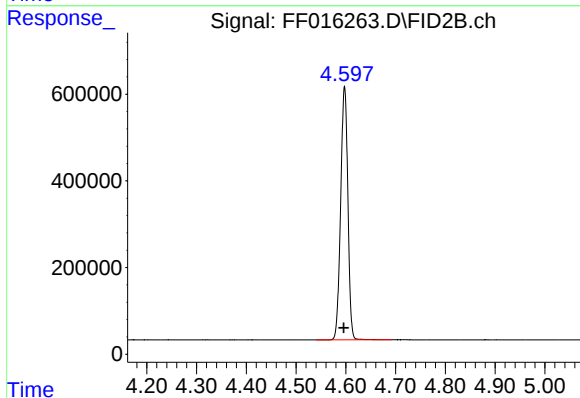




#1 n-Nonane (C9)

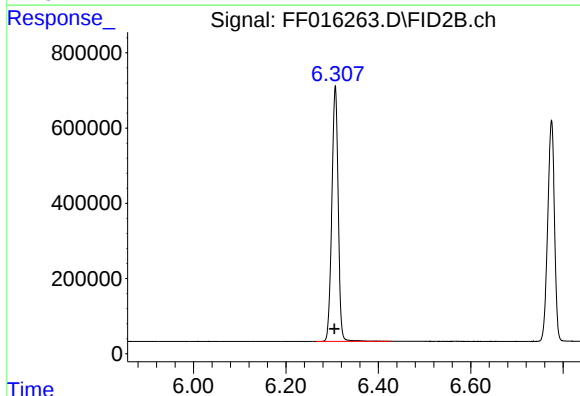
R.T.: 3.336 min  
Delta R.T.: 0.001 min  
Response: 5756746  
Conc: 49.65 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



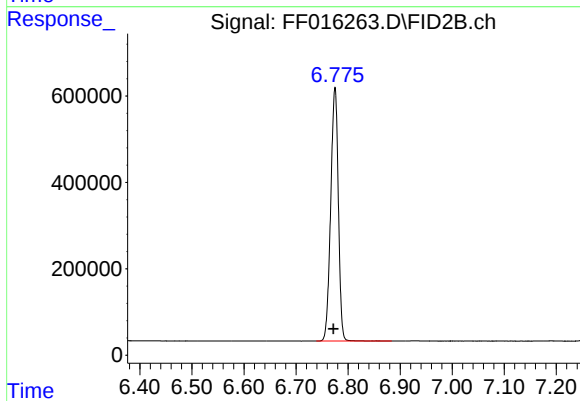
#2 n-Decane (C10)

R.T.: 4.597 min  
Delta R.T.: 0.002 min  
Response: 5868071  
Conc: 49.80 ug/ml



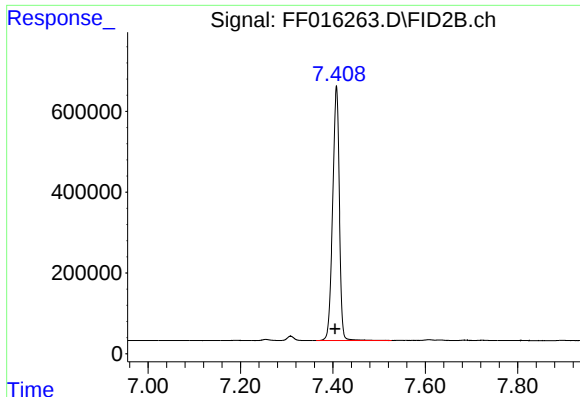
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min  
Delta R.T.: 0.002 min  
Response: 6496536  
Conc: 50.01 ug/ml



#4 n-Dodecane (C12)

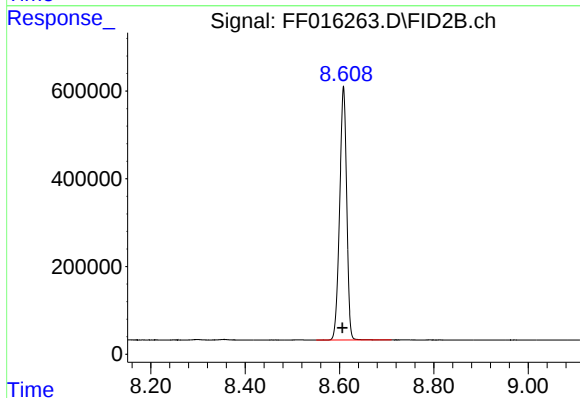
R.T.: 6.775 min  
Delta R.T.: 0.003 min  
Response: 5965022  
Conc: 50.05 ug/ml



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

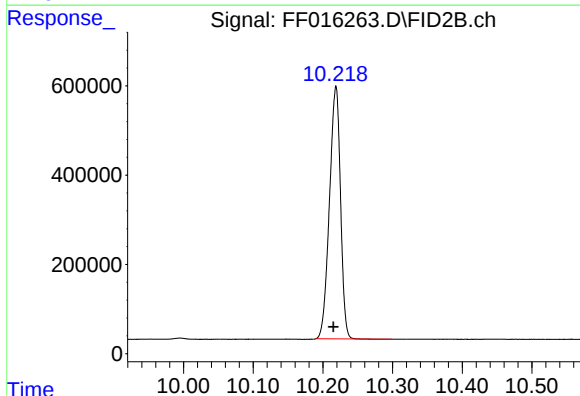
R.T.: 7.408 min  
Delta R.T.: 0.003 min  
Response: 6337183  
Conc: 50.08 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



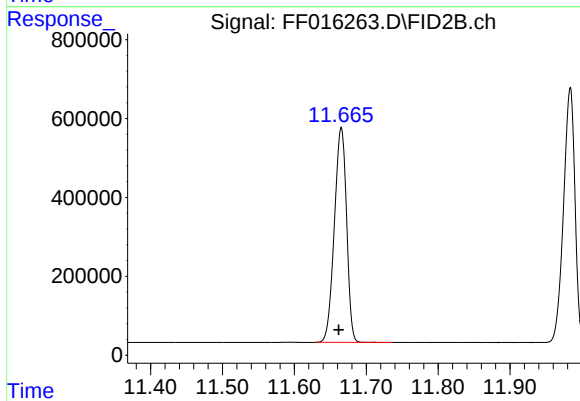
#6 n-Tetradecane (C14)

R.T.: 8.609 min  
Delta R.T.: 0.003 min  
Response: 5977208  
Conc: 50.03 ug/ml



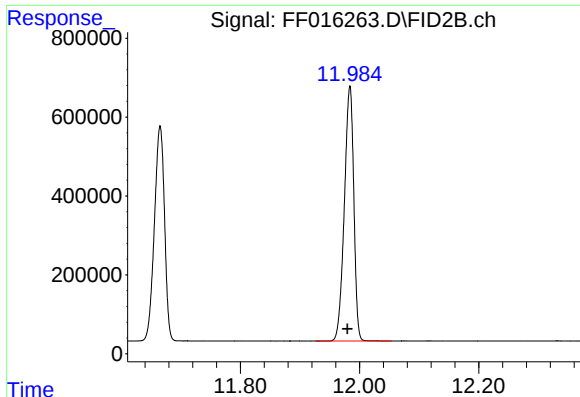
#7 n-Hexadecane (C16)

R.T.: 10.218 min  
Delta R.T.: 0.003 min  
Response: 6212172  
Conc: 50.13 ug/ml



#8 n-Octadecane (C18)

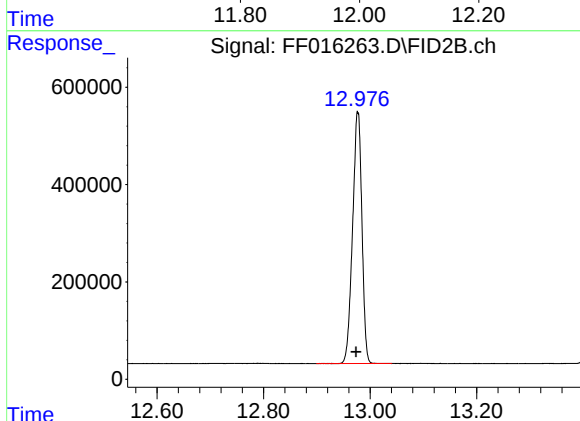
R.T.: 11.665 min  
Delta R.T.: 0.003 min  
Response: 6422271  
Conc: 49.79 ug/ml



#9 ortho-Terphenyl (SURR)

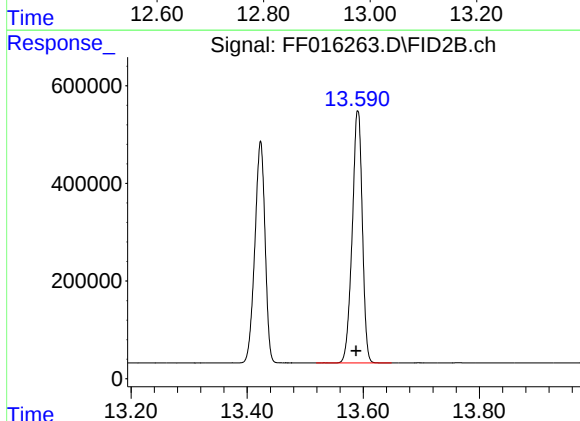
R.T.: 11.984 min  
Delta R.T.: 0.004 min  
Response: 7114549  
Conc: 49.59 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



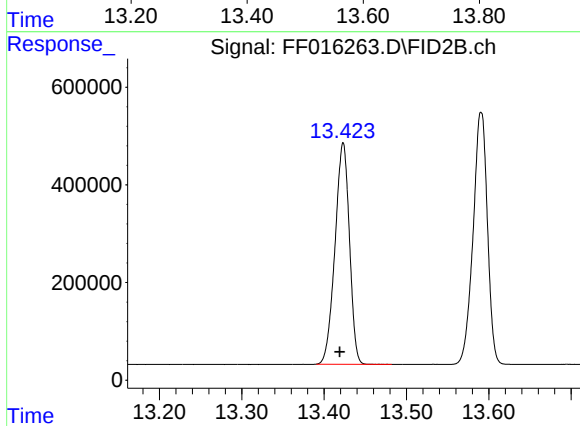
#10 n-Eicosane (C20)

R.T.: 12.977 min  
Delta R.T.: 0.003 min  
Response: 6296882  
Conc: 49.43 ug/ml



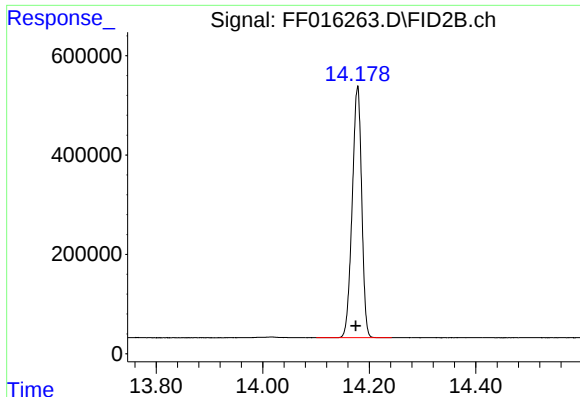
#11 n-Heneicosane (C21)

R.T.: 13.591 min  
Delta R.T.: 0.003 min  
Response: 6242115  
Conc: 49.36 ug/ml



#12 1-chlorooctadecane (SURR)

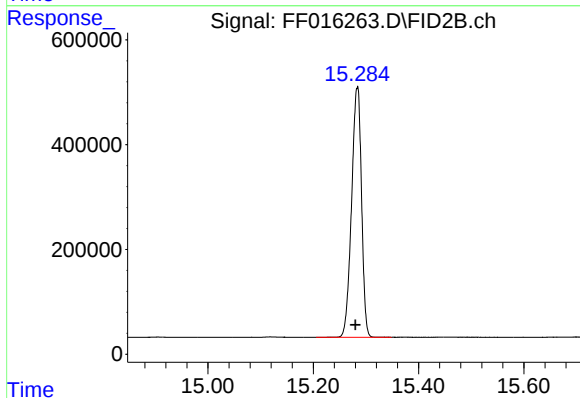
R.T.: 13.423 min  
Delta R.T.: 0.004 min  
Response: 5517507  
Conc: 49.65 ug/ml



#13 n-Docosane (C22)

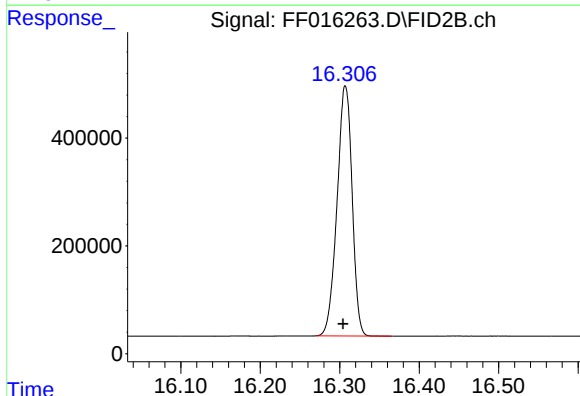
R.T.: 14.178 min  
Delta R.T.: 0.003 min  
Response: 6249577  
Conc: 49.34 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



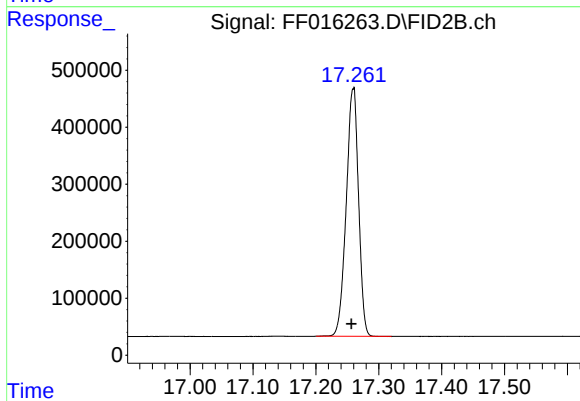
#14 n-Tetracosane (C24)

R.T.: 15.283 min  
Delta R.T.: 0.003 min  
Response: 6263355  
Conc: 49.06 ug/ml



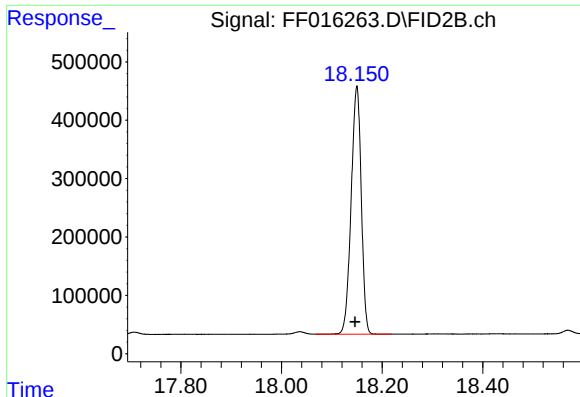
#15 n-Hexacosane (C26)

R.T.: 16.307 min  
Delta R.T.: 0.003 min  
Response: 6120648  
Conc: 48.99 ug/ml



#16 n-Octacosane (C28)

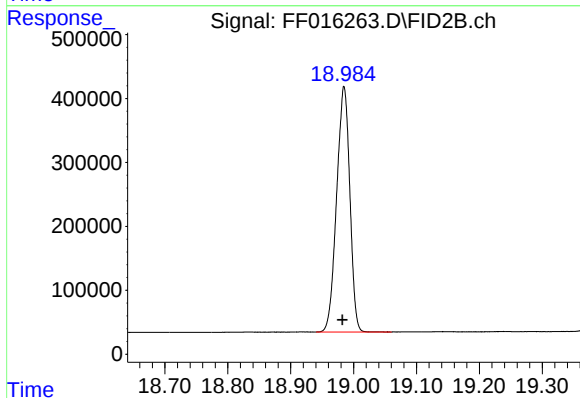
R.T.: 17.259 min  
Delta R.T.: 0.003 min  
Response: 5939341  
Conc: 48.34 ug/ml



#17 n-Tricontane (C30)

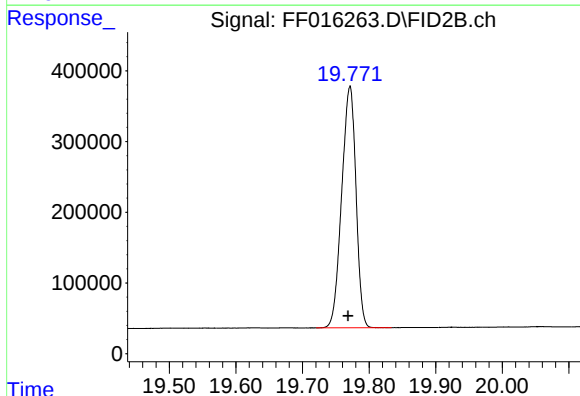
R.T.: 18.150 min  
Delta R.T.: 0.003 min  
Response: 5916904  
Conc: 47.24 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



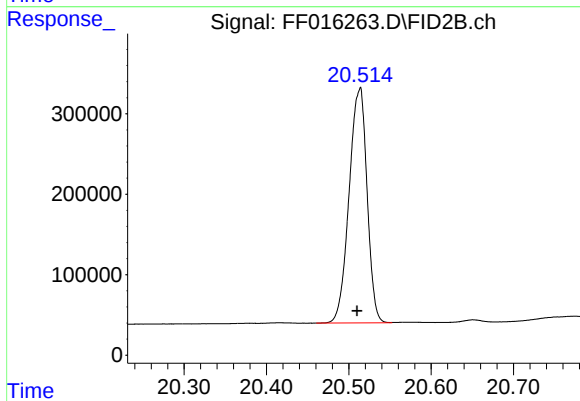
#18 n-Dotriacontane (C32)

R.T.: 18.985 min  
Delta R.T.: 0.002 min  
Response: 5596193  
Conc: 46.14 ug/ml



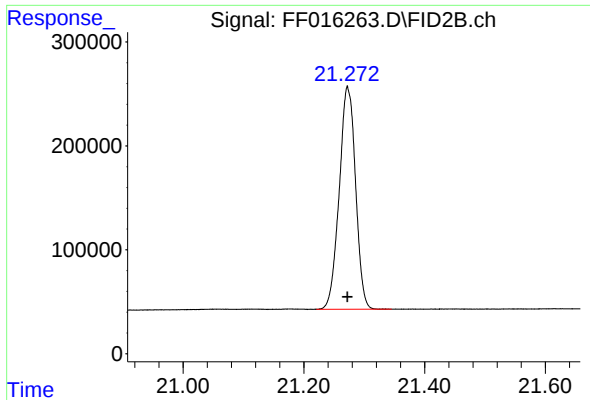
#19 n-Tetratriacontane (C34)

R.T.: 19.771 min  
Delta R.T.: 0.003 min  
Response: 5092975  
Conc: 46.36 ug/ml



#20 n-Hexatriacontane (C36)

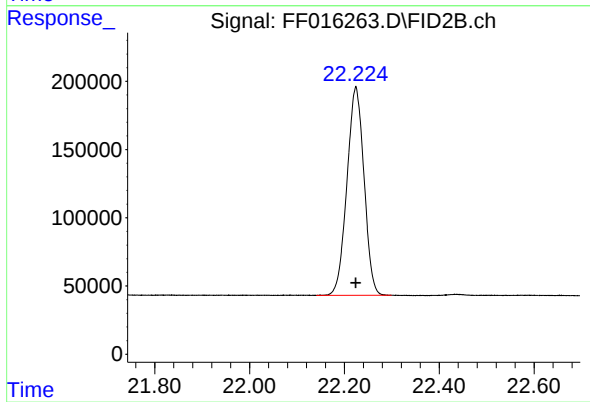
R.T.: 20.513 min  
Delta R.T.: 0.003 min  
Response: 4426683  
Conc: 47.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.273 min  
Delta R.T.: 0.000 min  
Response: 4019342  
Conc: 47.79 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.224 min  
Delta R.T.: 0.000 min  
Response: 3809752  
Conc: 48.57 ug/ml