

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF062323AL\  
 Data File : FF012977.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Jun 2023 16:54  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 24 04:05:52 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 062023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 20 13:45:06 2023  
 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)    | 10.874 | 2681819    | 18.175 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.35%       |
| 12) S 1-chlorooctadecane (S... | 12.305 | 1935548    | 18.269 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.54%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.742  | 2252608    | 19.084 ug/ml |
| 2) T n-Decane (C10)            | 3.749  | 2282297    | 19.161 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.314  | 2355066    | 19.150 ug/ml |
| 4) T n-Dodecane (C12)          | 5.733  | 2285954    | 18.945 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.363  | 2153886    | 19.332 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.521  | 2237352    | 19.086 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.117  | 2313354    | 18.960 ug/ml |
| 8) T n-Octadecane (C18)        | 10.555 | 2359852    | 18.562 ug/ml |
| 10) T n-Eicosane (C20)         | 11.860 | 2276702    | 18.247 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.471 | 2238308    | 18.256 ug/ml |
| 13) T n-Docosane (C22)         | 13.056 | 2196976    | 17.932 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.156 | 2209256    | 18.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.176 | 2100537    | 17.461 ug/ml |
| 16) T n-Octacosane (C28)       | 16.123 | 2037442    | 17.326 ug/ml |
| 17) T n-Tricontane (C30)       | 17.007 | 2085254    | 17.509 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.839 | 2065412    | 17.664 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.621 | 2001089    | 18.023 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.359 | 1968454    | 18.569 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.082 | 1940627    | 18.571 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.961 | 1863142    | 19.231 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

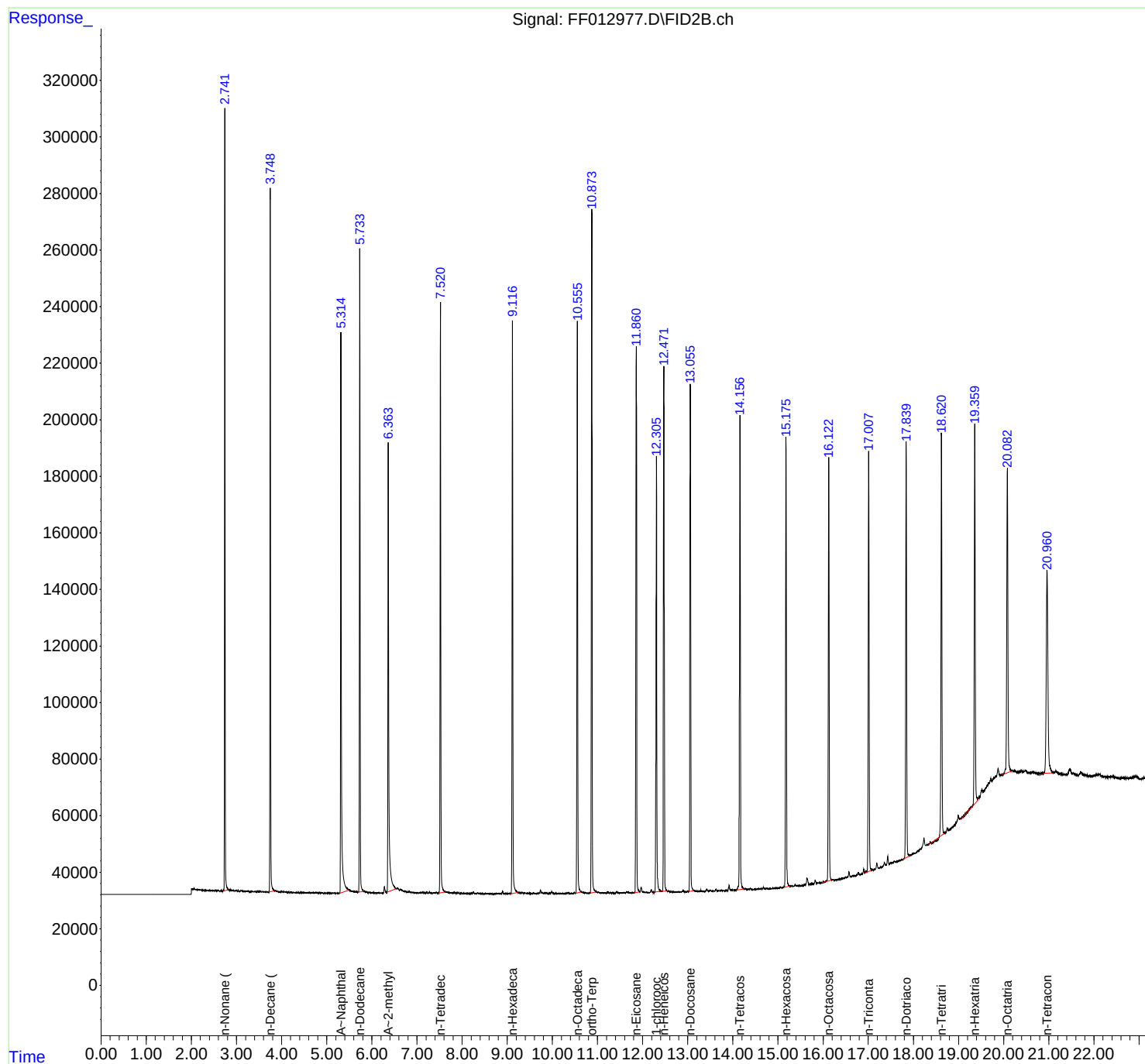
(m)=manual int.

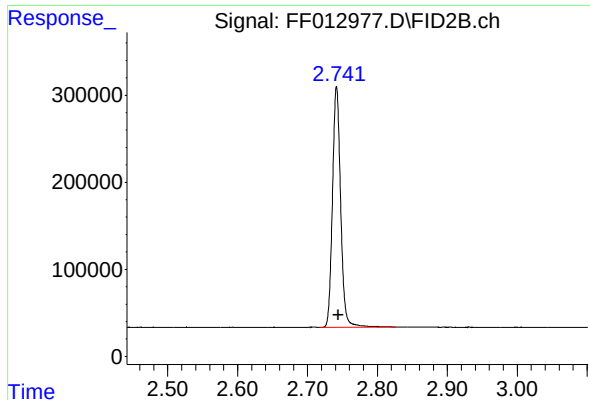
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF062323AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

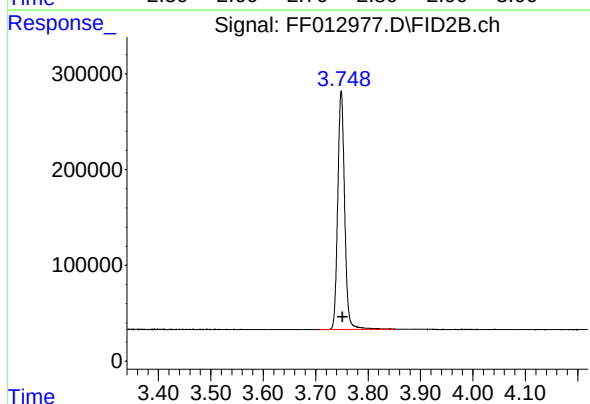




#1 n-Nonane (C9)

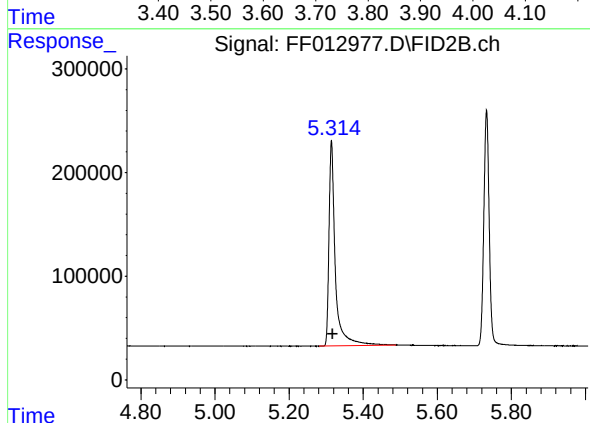
R.T.: 2.742 min  
Delta R.T.: -0.002 min  
Response: 2252608  
Conc: 19.08 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



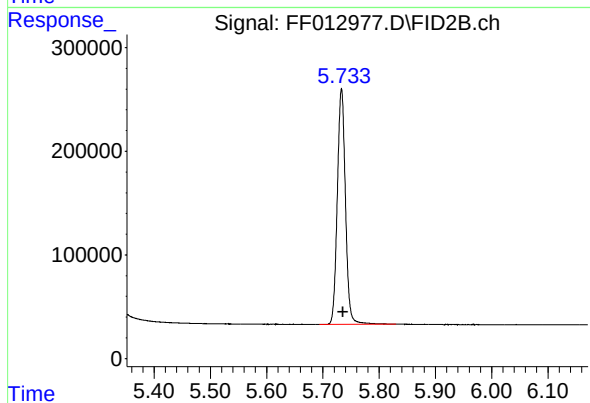
#2 n-Decane (C10)

R.T.: 3.749 min  
Delta R.T.: -0.003 min  
Response: 2282297  
Conc: 19.16 ug/ml



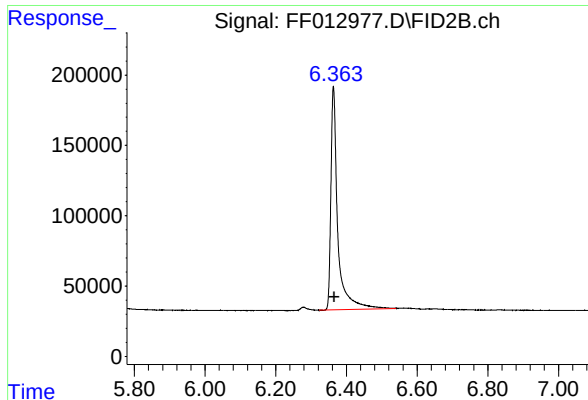
#3 A~Naphthalene (C11.7)

R.T.: 5.314 min  
Delta R.T.: -0.003 min  
Response: 2355066  
Conc: 19.15 ug/ml



#4 n-Dodecane (C12)

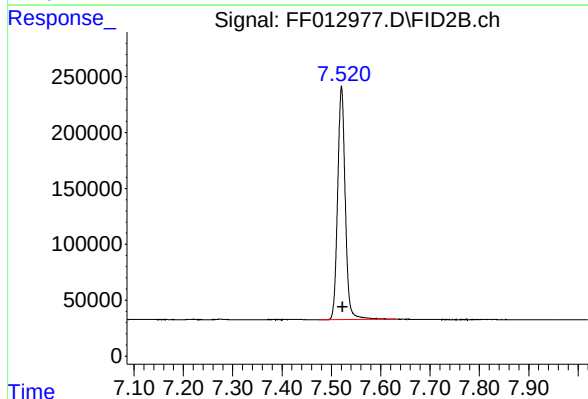
R.T.: 5.733 min  
Delta R.T.: -0.003 min  
Response: 2285954  
Conc: 18.94 ug/ml



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

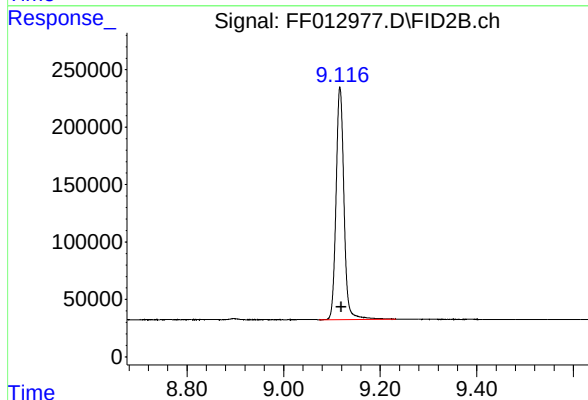
R.T.: 6.363 min  
Delta R.T.: -0.003 min  
Response: 2153886  
Conc: 19.33 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



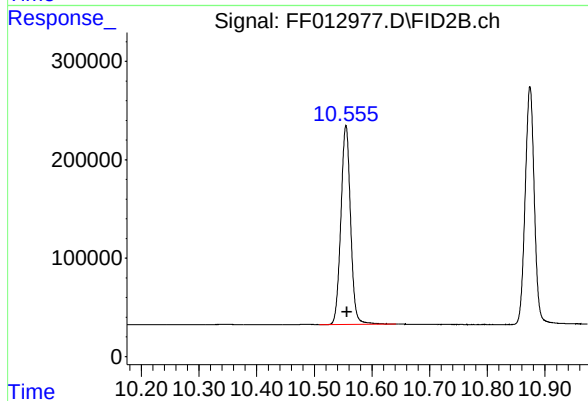
#6 n-Tetradecane (C14)

R.T.: 7.521 min  
Delta R.T.: -0.003 min  
Response: 2237352  
Conc: 19.09 ug/ml



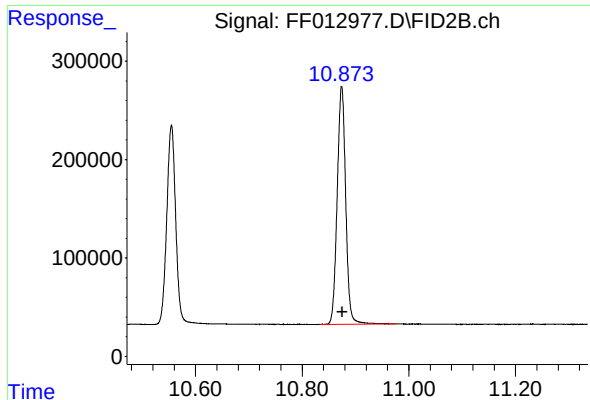
#7 n-Hexadecane (C16)

R.T.: 9.117 min  
Delta R.T.: -0.002 min  
Response: 2313354  
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

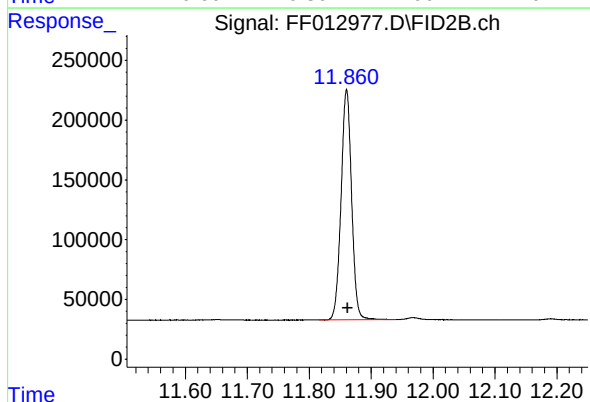
R.T.: 10.555 min  
Delta R.T.: -0.002 min  
Response: 2359852  
Conc: 18.56 ug/ml



#9 ortho-Terphenyl (SURR)

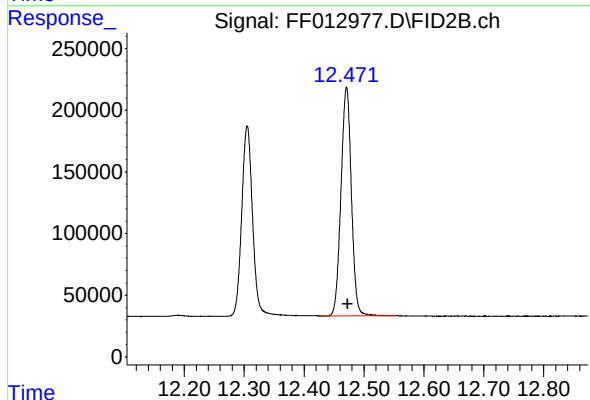
R.T.: 10.874 min  
Delta R.T.: -0.002 min  
Response: 2681819  
Conc: 18.18 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



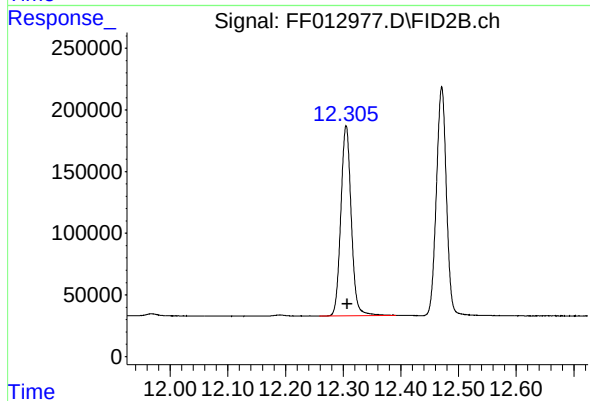
#10 n-Eicosane (C20)

R.T.: 11.860 min  
Delta R.T.: -0.001 min  
Response: 2276702  
Conc: 18.25 ug/ml



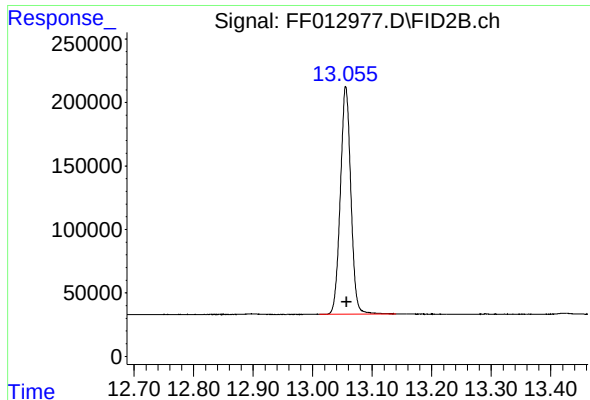
#11 n-Heneicosane (C21)

R.T.: 12.471 min  
Delta R.T.: -0.001 min  
Response: 2238308  
Conc: 18.26 ug/ml



#12 1-chlorooctadecane (SURR)

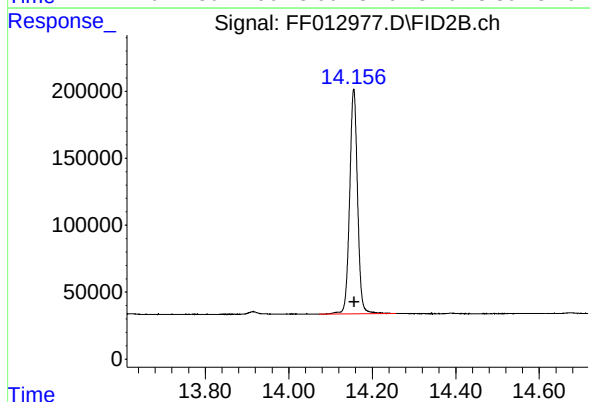
R.T.: 12.305 min  
Delta R.T.: -0.002 min  
Response: 1935548  
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

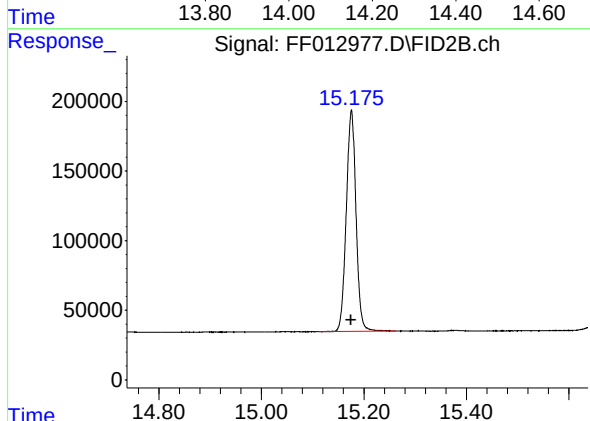
R.T.: 13.056 min  
Delta R.T.: -0.001 min  
Response: 2196976  
Conc: 17.93 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



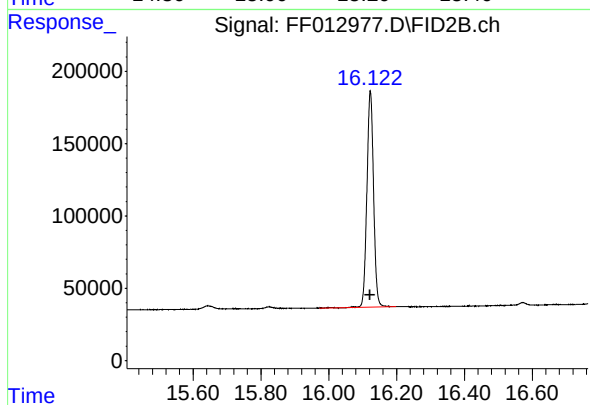
#14 n-Tetracosane (C24)

R.T.: 14.156 min  
Delta R.T.: -0.001 min  
Response: 2209256  
Conc: 18.00 ug/ml



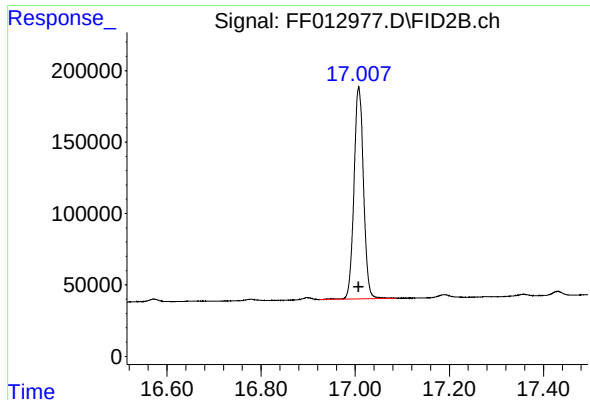
#15 n-Hexacosane (C26)

R.T.: 15.176 min  
Delta R.T.: 0.001 min  
Response: 2100537  
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

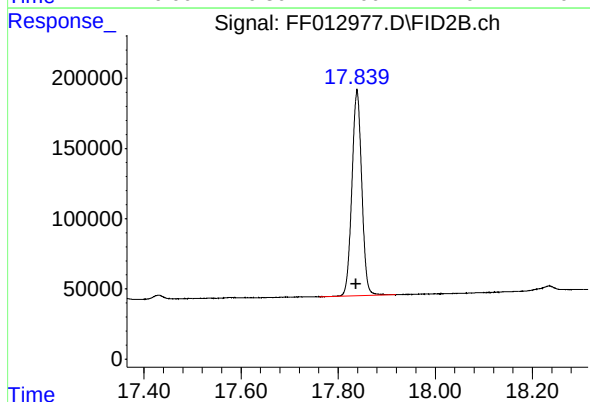
R.T.: 16.123 min  
Delta R.T.: 0.000 min  
Response: 2037442  
Conc: 17.33 ug/ml



#17 n-Tricontane (C30)

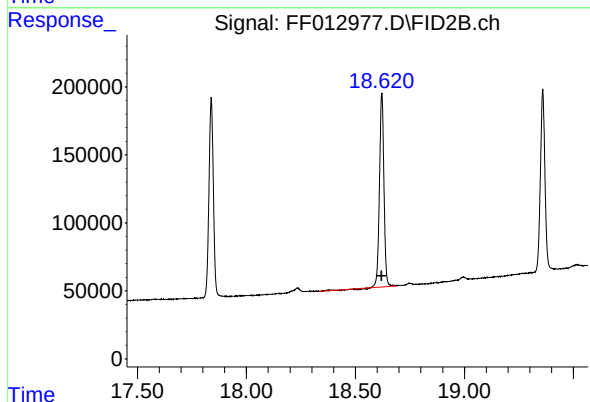
R.T.: 17.007 min  
Delta R.T.: 0.000 min  
Response: 2085254  
Conc: 17.51 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



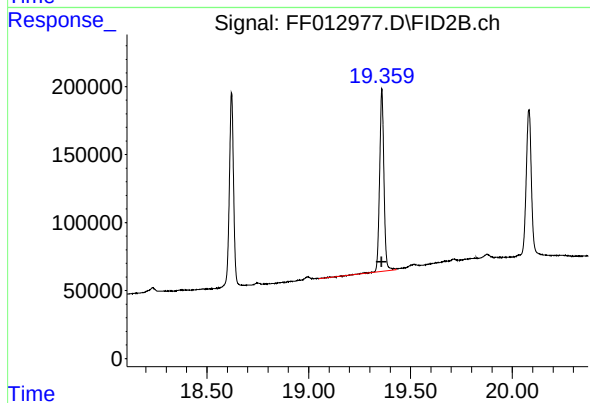
#18 n-Dotriacontane (C32)

R.T.: 17.839 min  
Delta R.T.: 0.002 min  
Response: 2065412  
Conc: 17.66 ug/ml



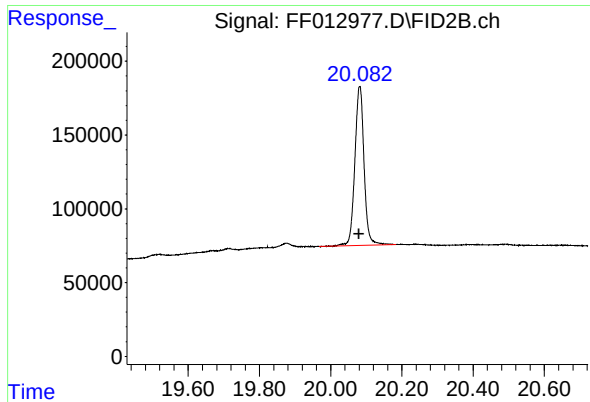
#19 n-Tetratriacontane (C34)

R.T.: 18.621 min  
Delta R.T.: 0.002 min  
Response: 2001089  
Conc: 18.02 ug/ml



#20 n-Hexatriacontane (C36)

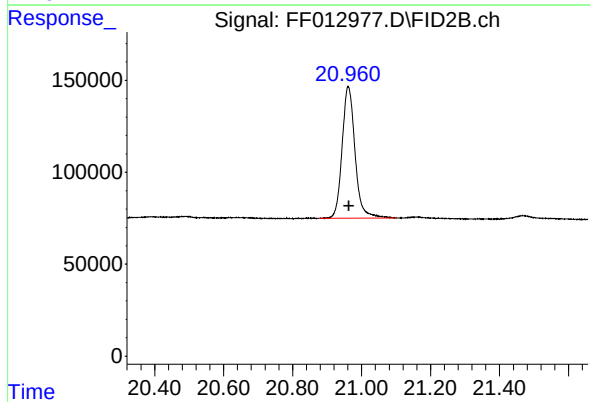
R.T.: 19.359 min  
Delta R.T.: 0.002 min  
Response: 1968454  
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.082 min  
Delta R.T.: 0.001 min  
Response: 1940627  
Conc: 18.57 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.961 min  
Delta R.T.: -0.002 min  
Response: 1863142  
Conc: 19.23 ug/ml