

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081123AL\  
 Data File : FF013197.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Aug 2023 13:09  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 12 00:59:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 081023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 10 16:05:52 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)    | 11.892 | 2590496    | 18.855 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.71%       |
| 12) S 1-chlorooctadecane (S... | 13.330 | 1971911    | 18.817 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.63%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.284  | 2013387    | 18.843 ug/ml |
| 2) T n-Decane (C10)            | 4.537  | 2017460    | 18.826 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.235  | 2231550    | 18.849 ug/ml |
| 4) T n-Dodecane (C12)          | 6.702  | 2039825    | 18.851 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.329  | 2234422    | 18.851 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.527  | 2031312    | 18.818 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.134 | 2046278    | 18.877 ug/ml |
| 8) T n-Octadecane (C18)        | 11.577 | 2062691    | 18.837 ug/ml |
| 10) T n-Eicosane (C20)         | 12.886 | 2065319    | 18.822 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.498 | 2068687    | 18.829 ug/ml |
| 13) T n-Docosane (C22)         | 14.084 | 2063490    | 18.795 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.187 | 2059541    | 18.746 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.206 | 2043831    | 18.701 ug/ml |
| 16) T n-Octacosane (C28)       | 17.156 | 2014919    | 18.662 ug/ml |
| 17) T n-Tricontane (C30)       | 18.042 | 2032203    | 18.583 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.874 | 2042516    | 18.082 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.657 | 1952449    | 18.381 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.395 | 1926357    | 18.276 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.125 | 1865845    | 18.474 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.022 | 1860578    | 18.720 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

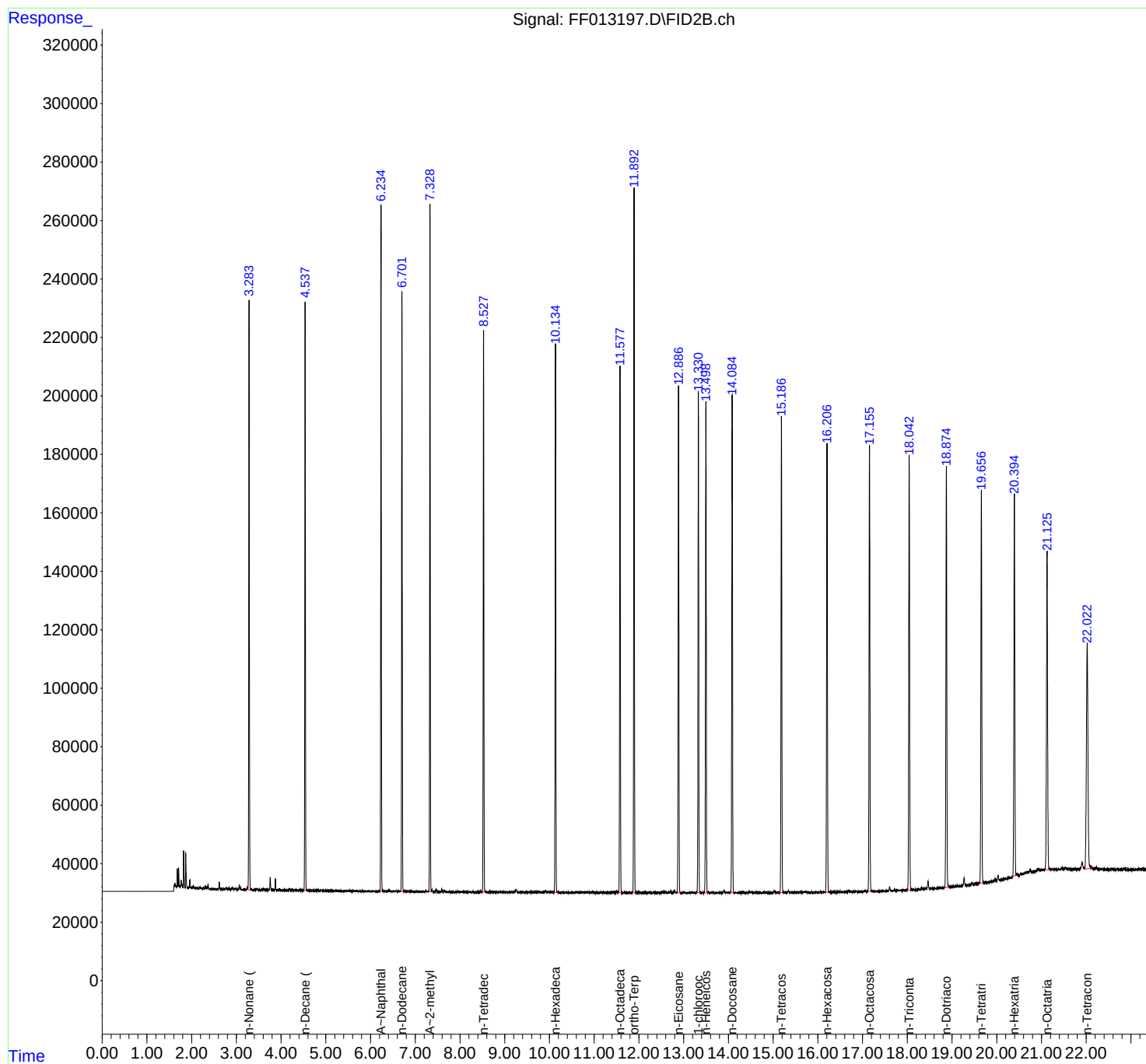
(m)=manual int.

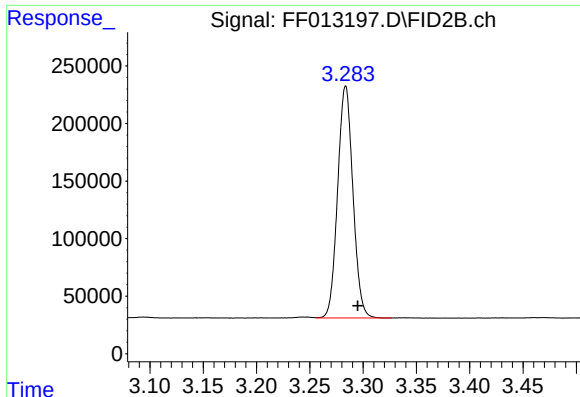
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081123AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

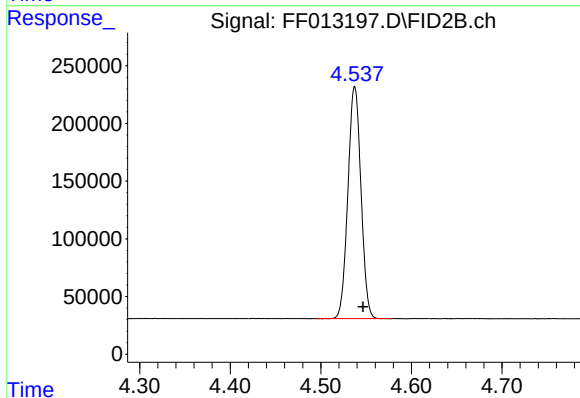




#1 n-Nonane (C9)

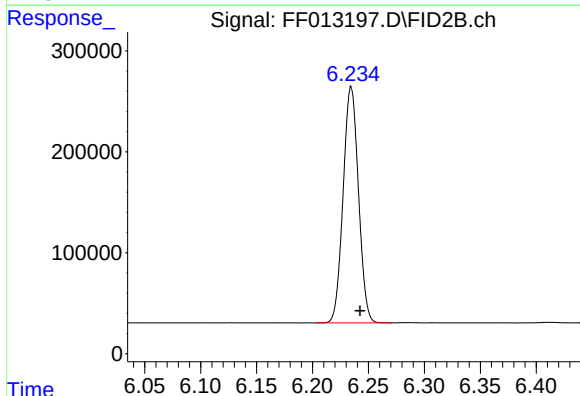
R.T.: 3.284 min  
Delta R.T.: -0.011 min  
Response: 2013387  
Conc: 18.84 ug/ml

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



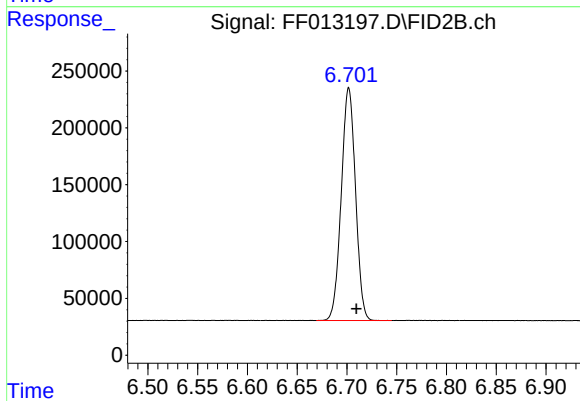
#2 n-Decane (C10)

R.T.: 4.537 min  
Delta R.T.: -0.009 min  
Response: 2017460  
Conc: 18.83 ug/ml



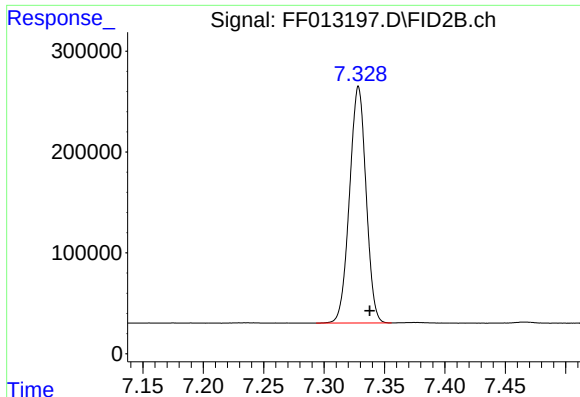
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min  
Delta R.T.: -0.008 min  
Response: 2231550  
Conc: 18.85 ug/ml



#4 n-Dodecane (C12)

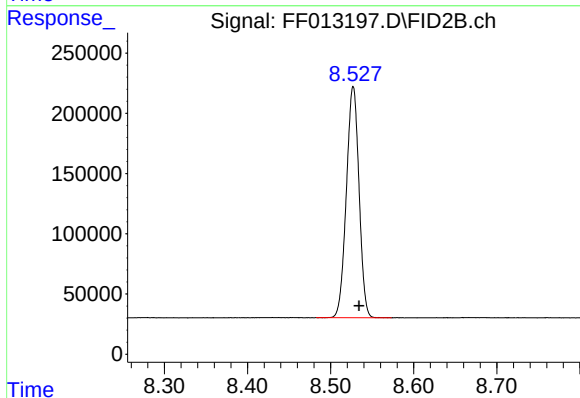
R.T.: 6.702 min  
Delta R.T.: -0.007 min  
Response: 2039825  
Conc: 18.85 ug/ml



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

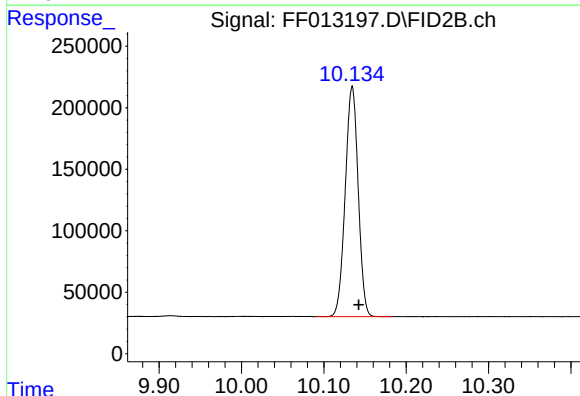
R.T.: 7.329 min  
Delta R.T.: -0.009 min  
Response: 2234422  
Conc: 18.85 ug/ml

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



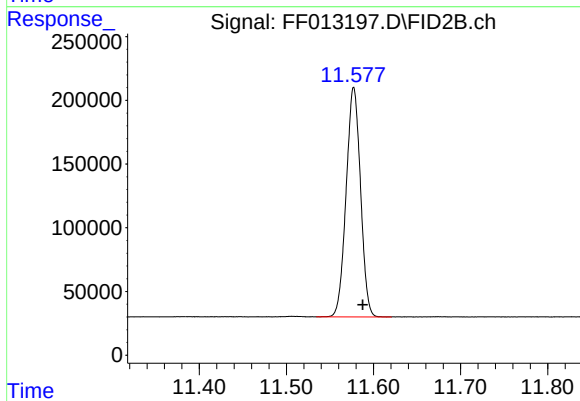
#6 n-Tetradecane (C14)

R.T.: 8.527 min  
Delta R.T.: -0.007 min  
Response: 2031312  
Conc: 18.82 ug/ml



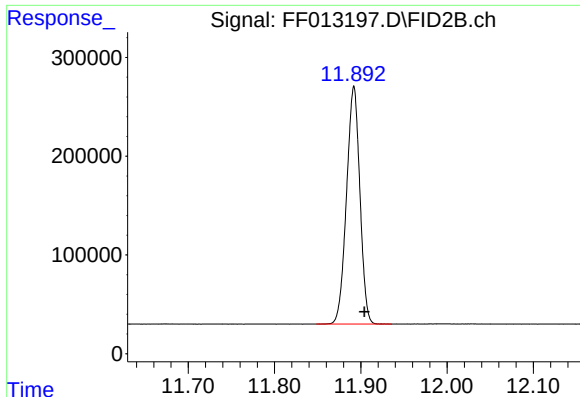
#7 n-Hexadecane (C16)

R.T.: 10.134 min  
Delta R.T.: -0.008 min  
Response: 2046278  
Conc: 18.88 ug/ml



#8 n-Octadecane (C18)

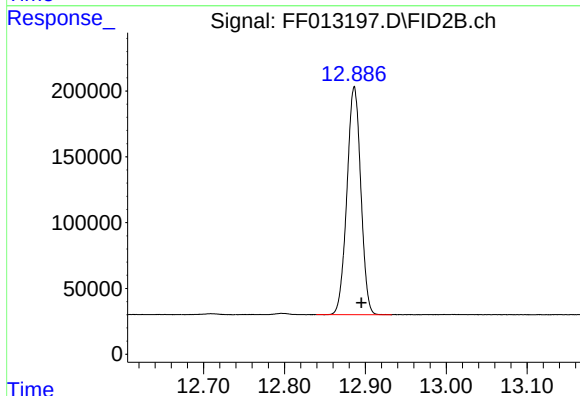
R.T.: 11.577 min  
Delta R.T.: -0.010 min  
Response: 2062691  
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

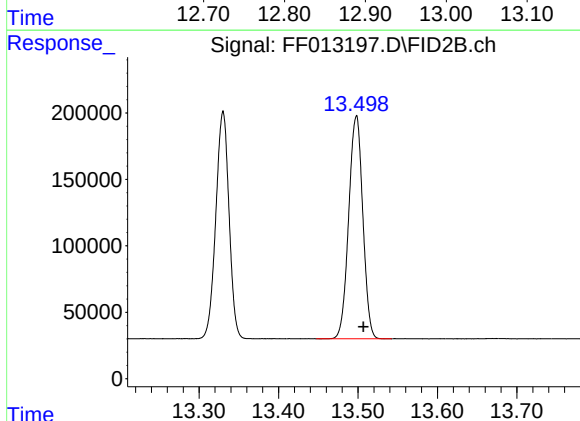
R.T.: 11.892 min  
Delta R.T.: -0.012 min  
Response: 2590496  
Conc: 18.85 ug/ml

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



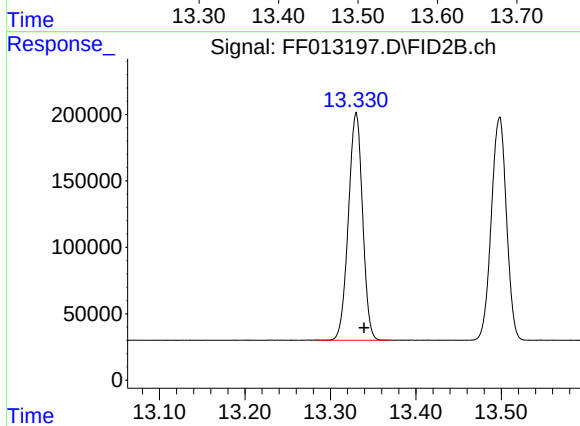
#10 n-Eicosane (C20)

R.T.: 12.886 min  
Delta R.T.: -0.009 min  
Response: 2065319  
Conc: 18.82 ug/ml



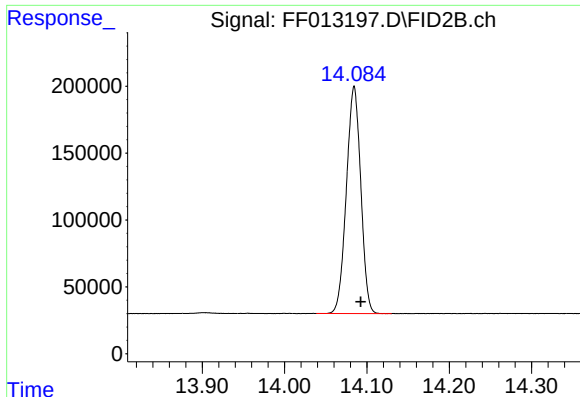
#11 n-Heneicosane (C21)

R.T.: 13.498 min  
Delta R.T.: -0.009 min  
Response: 2068687  
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

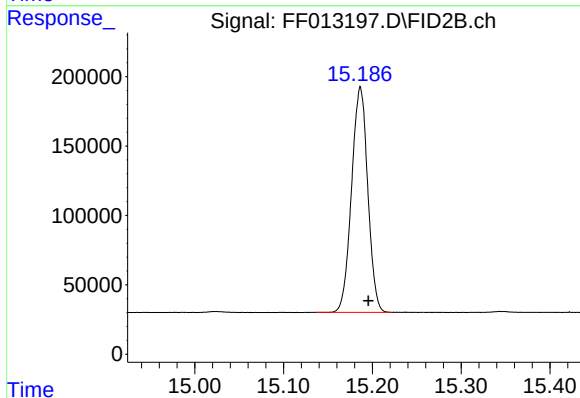
R.T.: 13.330 min  
Delta R.T.: -0.009 min  
Response: 1971911  
Conc: 18.82 ug/ml



#13 n-Docosane (C22)

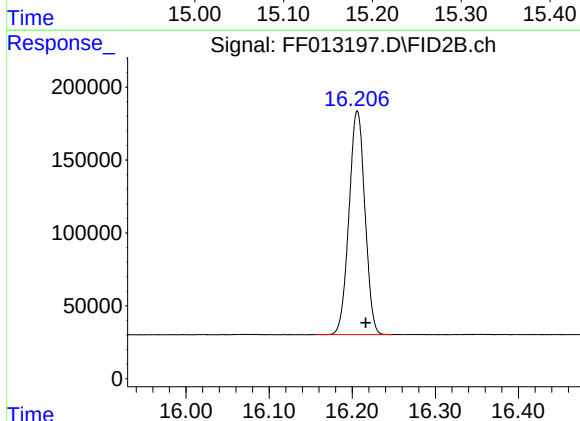
R.T.: 14.084 min  
Delta R.T.: -0.008 min  
Response: 2063490  
Conc: 18.80 ug/ml

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



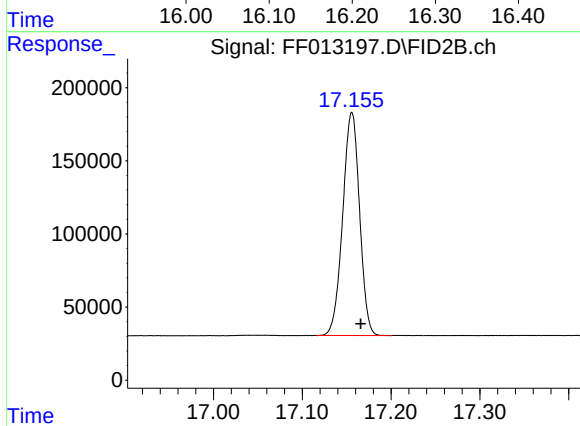
#14 n-Tetracosane (C24)

R.T.: 15.187 min  
Delta R.T.: -0.009 min  
Response: 2059541  
Conc: 18.75 ug/ml



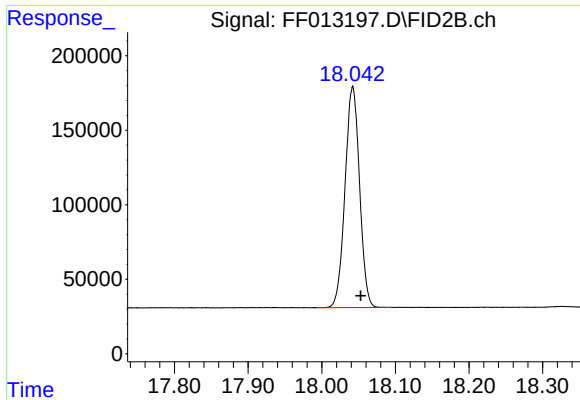
#15 n-Hexacosane (C26)

R.T.: 16.206 min  
Delta R.T.: -0.010 min  
Response: 2043831  
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

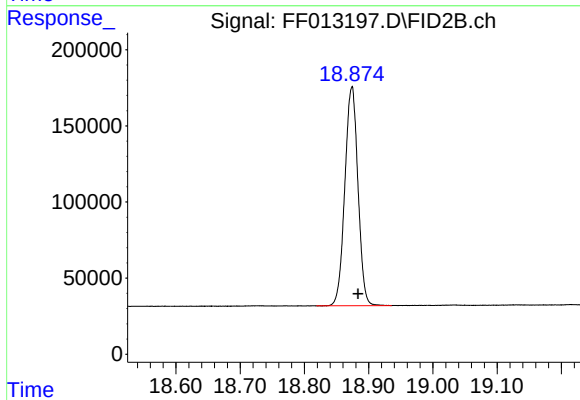
R.T.: 17.156 min  
Delta R.T.: -0.010 min  
Response: 2014919  
Conc: 18.66 ug/ml



#17 n-Tricontane (C30)

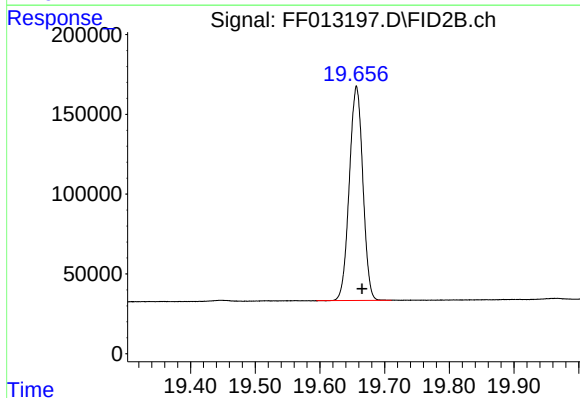
R.T.: 18.042 min  
Delta R.T.: -0.011 min  
Response: 2032203  
Conc: 18.58 ug/ml

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



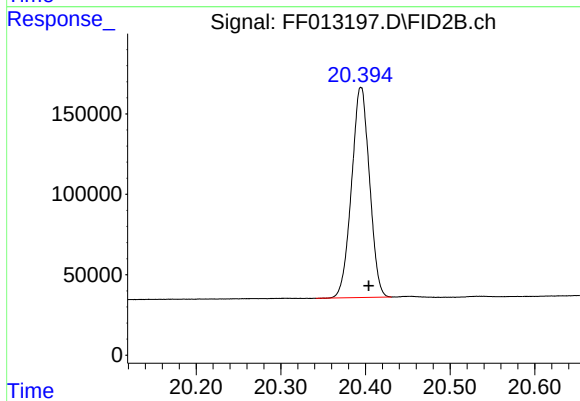
#18 n-Dotriacontane (C32)

R.T.: 18.874 min  
Delta R.T.: -0.010 min  
Response: 2042516  
Conc: 18.08 ug/ml



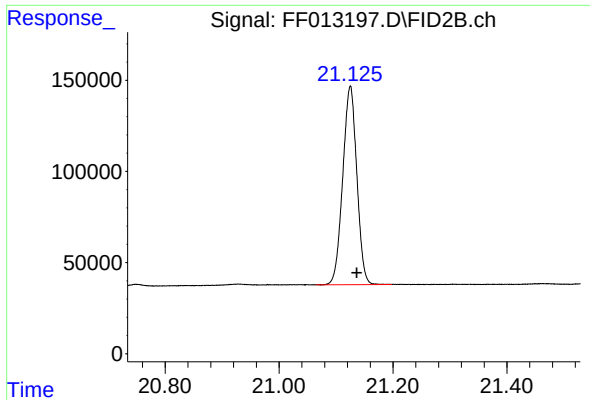
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min  
Delta R.T.: -0.009 min  
Response: 1952449  
Conc: 18.38 ug/ml



#20 n-Hexatriacontane (C36)

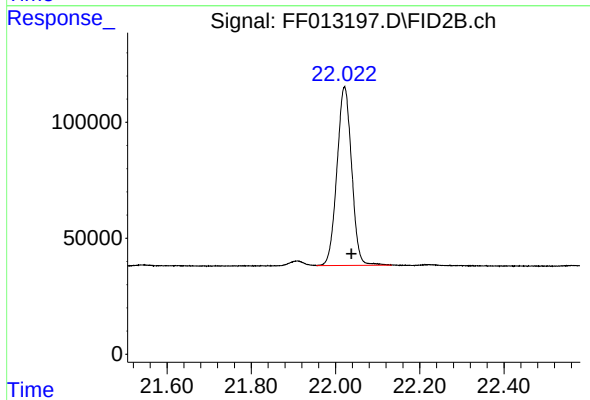
R.T.: 20.395 min  
Delta R.T.: -0.009 min  
Response: 1926357  
Conc: 18.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min  
Delta R.T.: -0.011 min  
Response: 1865845  
Conc: 18.47 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.022 min  
Delta R.T.: -0.017 min  
Response: 1860578  
Conc: 18.72 ug/ml