

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082923AL\  
 Data File : FF013426.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Aug 2023 09:12  
 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 29 11:26:33 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 | 2514207    | 18.299 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.60%       |
| 12) S 1-chlorooctadecane (S... | 13.332 | 1948713    | 18.596 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.279  | 1907065    | 17.848 ug/ml |
| 2) T n-Decane (C10)            | 4.534  | 1921527    | 17.931 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.234  | 2126218    | 17.960 ug/ml |
| 4) T n-Dodecane (C12)          | 6.699  | 1967950    | 18.187 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.329  | 2133252    | 17.997 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.526  | 1986837    | 18.406 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.133 | 2025908    | 18.689 ug/ml |
| 8) T n-Octadecane (C18)        | 11.576 | 2058392    | 18.798 ug/ml |
| 10) T n-Eicosane (C20)         | 12.887 | 2069845    | 18.863 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.499 | 2051915    | 18.676 ug/ml |
| 13) T n-Docosane (C22)         | 14.086 | 2085164    | 18.993 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.189 | 2148537    | 19.556 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.210 | 2128592    | 19.476 ug/ml |
| 16) T n-Octacosane (C28)       | 17.160 | 2140208    | 19.822 ug/ml |
| 17) T n-Tricontane (C30)       | 18.047 | 2211247    | 20.220 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.880 | 2209366    | 19.559 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.662 | 1979746    | 18.638 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.401 | 1910078    | 18.122 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.131 | 1831422    | 18.133 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.028 | 1941936    | 19.538 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

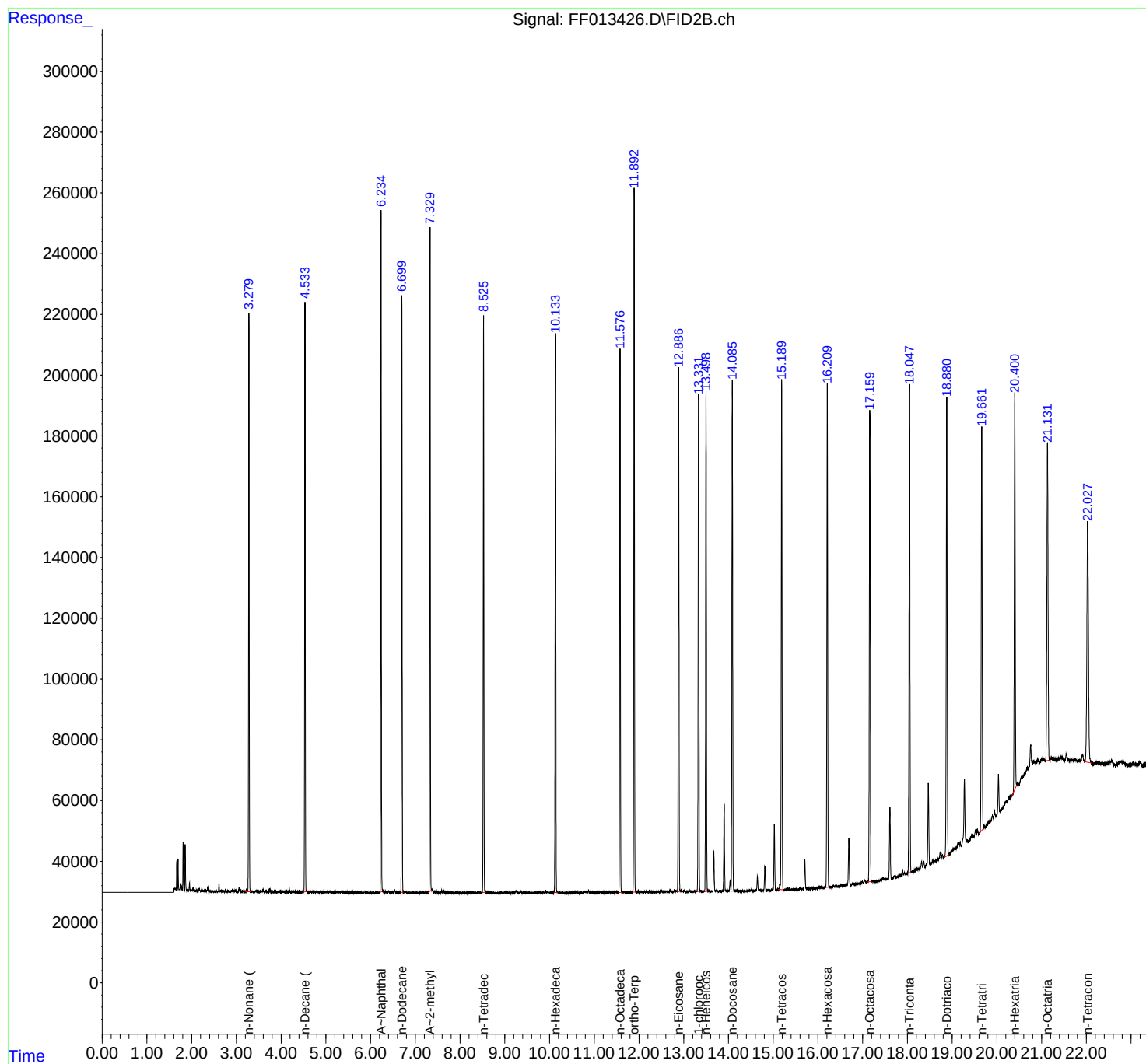
(m)=manual int.

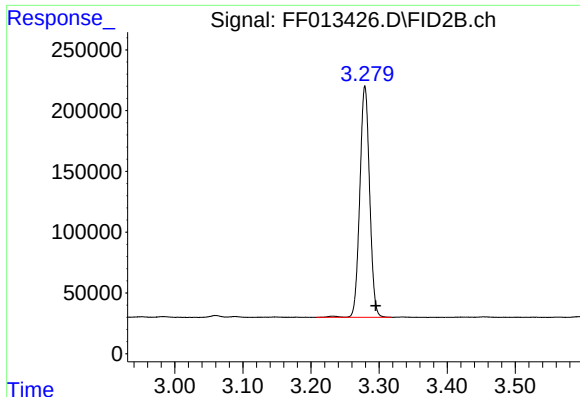
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082923AL\  
Data File : FF013426.D  
Signal(s) : FID2B.ch  
Acq On : 29 Aug 2023 09:12  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

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Quant Title : GC Extractables  
QLast Update : Thu Aug 10 16:05:52 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

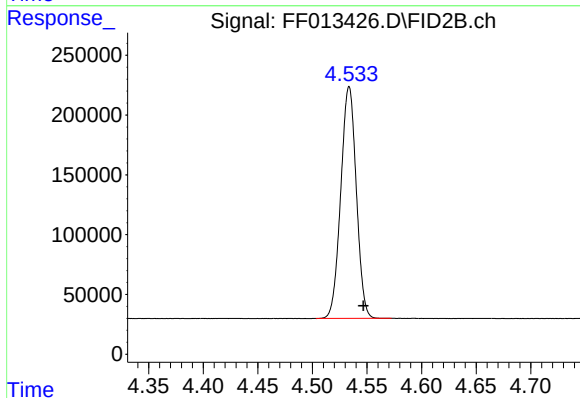




#1 n-Nonane (C9)

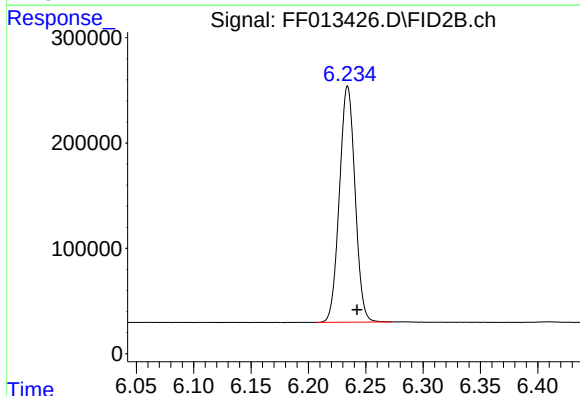
R.T.: 3.279 min  
Delta R.T.: -0.016 min  
Response: 1907065  
Conc: 17.85 ug/ml

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



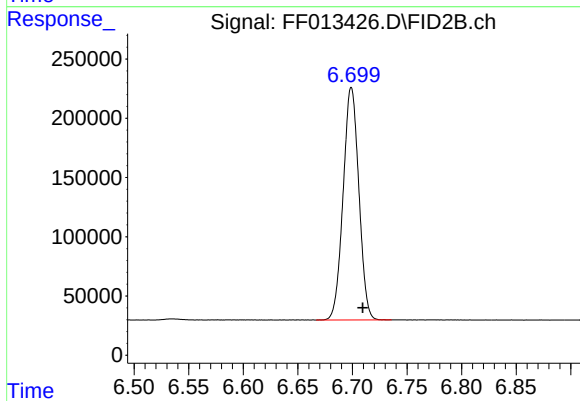
#2 n-Decane (C10)

R.T.: 4.534 min  
Delta R.T.: -0.013 min  
Response: 1921527  
Conc: 17.93 ug/ml



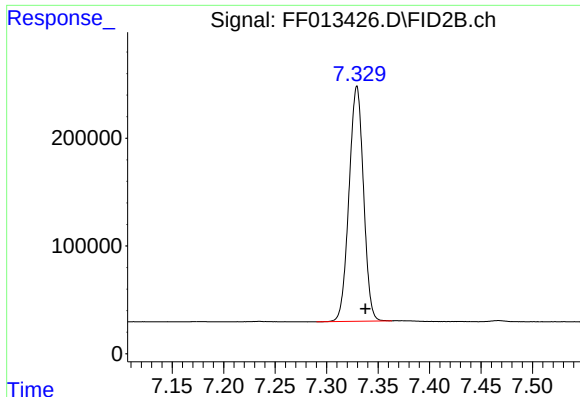
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min  
Delta R.T.: -0.008 min  
Response: 2126218  
Conc: 17.96 ug/ml



#4 n-Dodecane (C12)

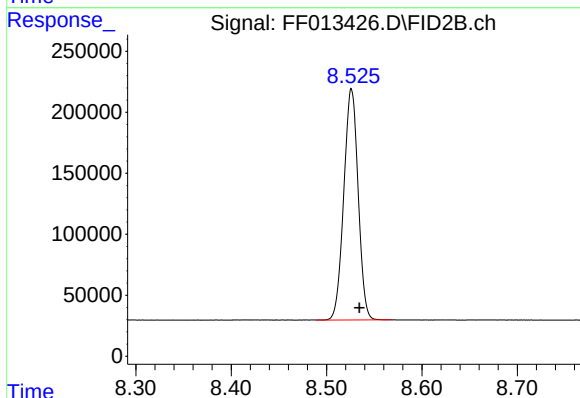
R.T.: 6.699 min  
Delta R.T.: -0.010 min  
Response: 1967950  
Conc: 18.19 ug/ml



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

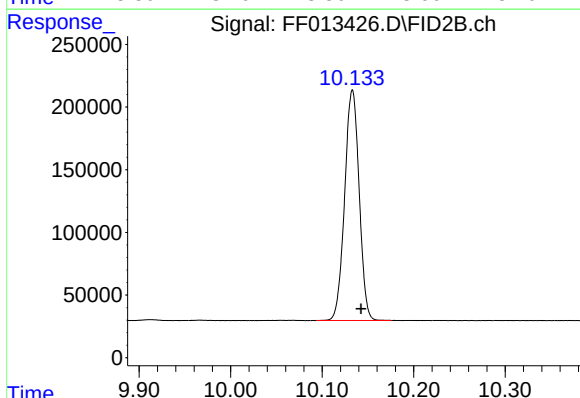
R.T.: 7.329 min  
Delta R.T.: -0.008 min  
Response: 2133252  
Conc: 18.00 ug/ml

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



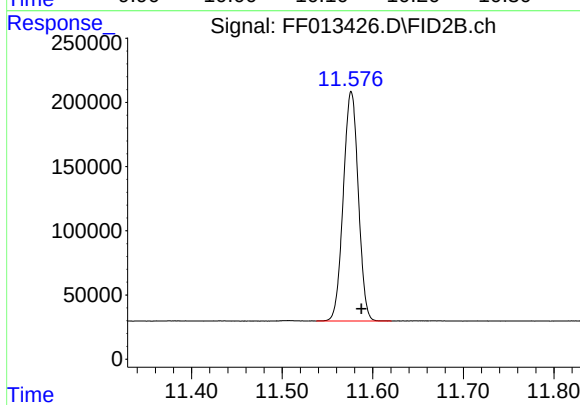
#6 n-Tetradecane (C14)

R.T.: 8.526 min  
Delta R.T.: -0.008 min  
Response: 1986837  
Conc: 18.41 ug/ml



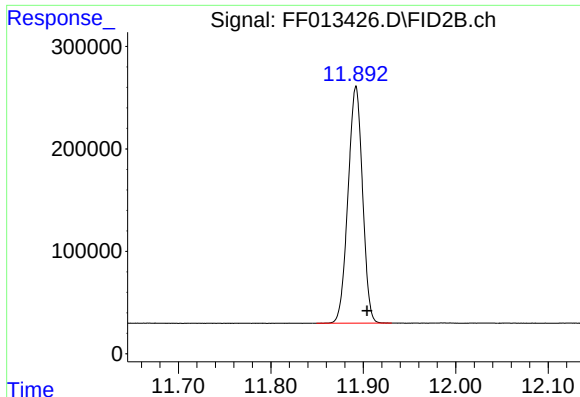
#7 n-Hexadecane (C16)

R.T.: 10.133 min  
Delta R.T.: -0.010 min  
Response: 2025908  
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

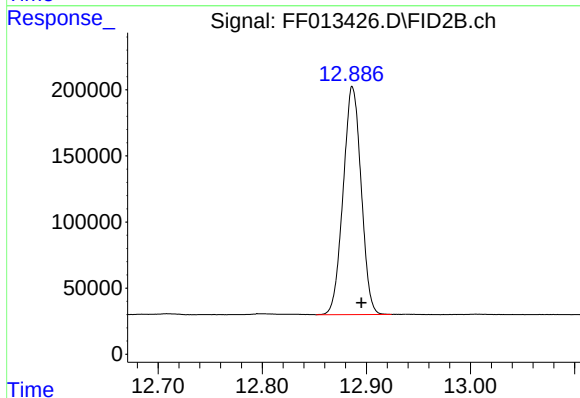
R.T.: 11.576 min  
Delta R.T.: -0.011 min  
Response: 2058392  
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

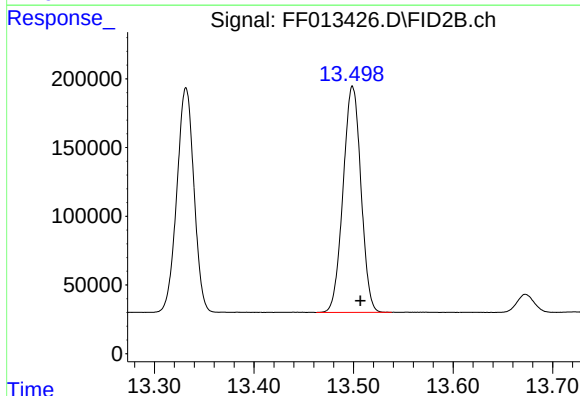
R.T.: 11.892 min  
Delta R.T.: -0.012 min  
Response: 2514207  
Conc: 18.30 ug/ml

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



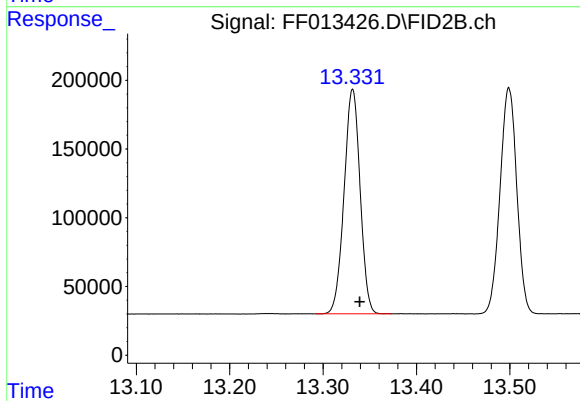
#10 n-Eicosane (C20)

R.T.: 12.887 min  
Delta R.T.: -0.009 min  
Response: 2069845  
Conc: 18.86 ug/ml



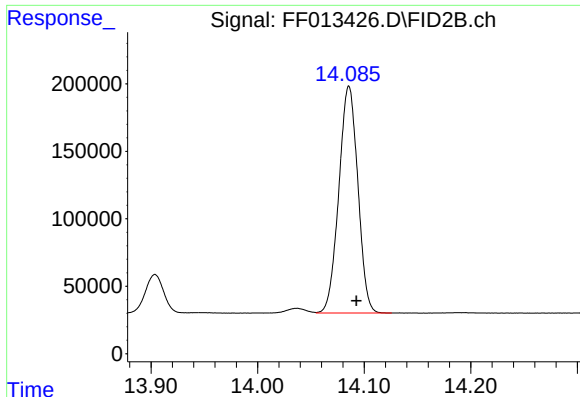
#11 n-Heneicosane (C21)

R.T.: 13.499 min  
Delta R.T.: -0.008 min  
Response: 2051915  
Conc: 18.68 ug/ml



#12 1-chlorooctadecane (SURR)

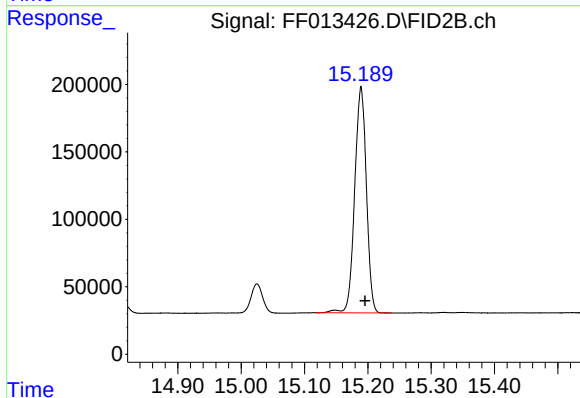
R.T.: 13.332 min  
Delta R.T.: -0.008 min  
Response: 1948713  
Conc: 18.60 ug/ml



#13 n-Docosane (C22)

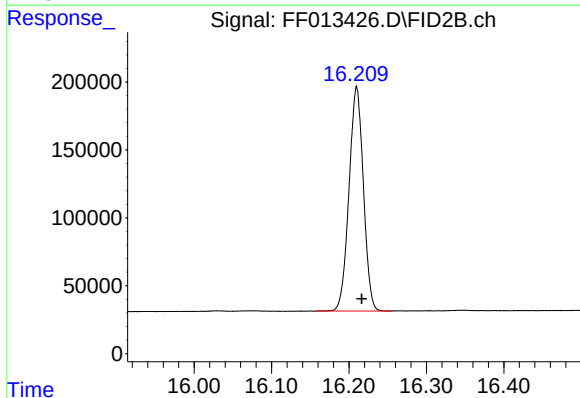
R.T.: 14.086 min  
Delta R.T.: -0.007 min  
Response: 2085164  
Conc: 18.99 ug/ml

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



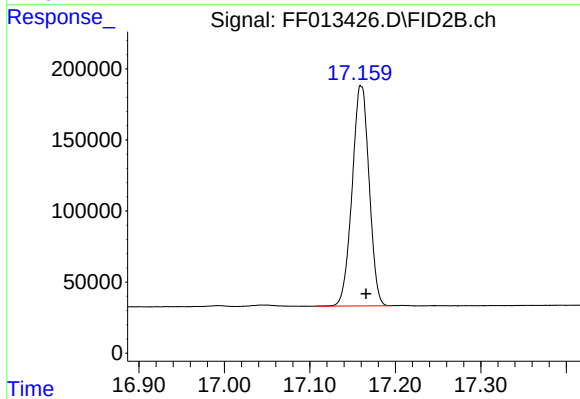
#14 n-Tetracosane (C24)

R.T.: 15.189 min  
Delta R.T.: -0.006 min  
Response: 2148537  
Conc: 19.56 ug/ml



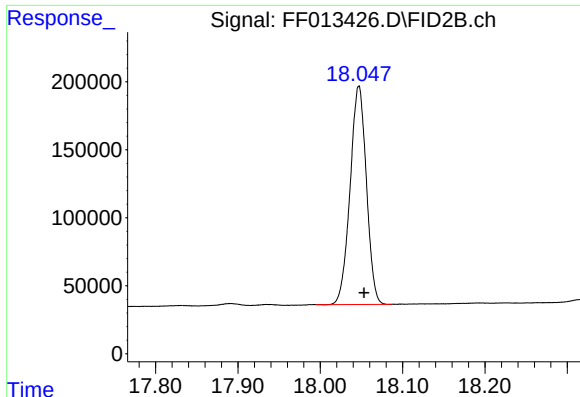
#15 n-Hexacosane (C26)

R.T.: 16.210 min  
Delta R.T.: -0.007 min  
Response: 2128592  
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

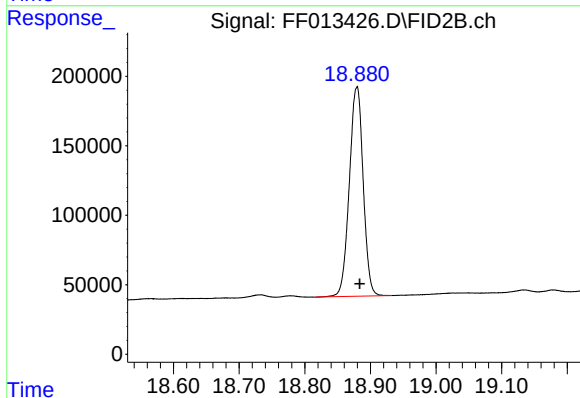
R.T.: 17.160 min  
Delta R.T.: -0.006 min  
Response: 2140208  
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

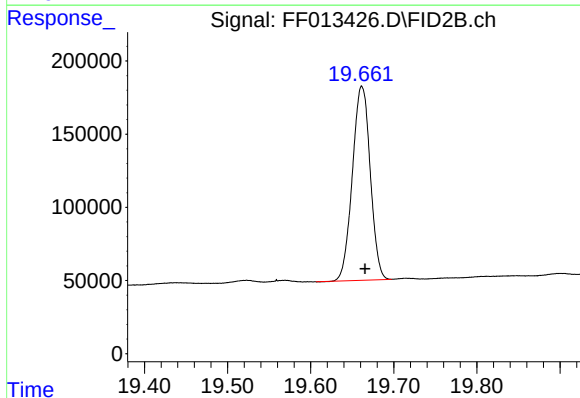
R.T.: 18.047 min  
Delta R.T.: -0.006 min  
Response: 2211247  
Conc: 20.22 ug/ml

Instrument :  
FID\_F  
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20 PPM ALIPHATIC HC STD



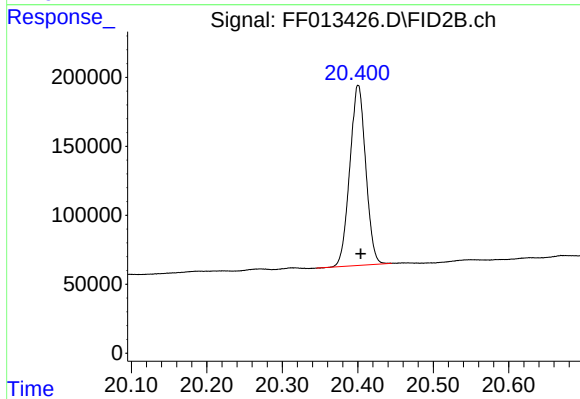
#18 n-Dotriacontane (C32)

R.T.: 18.880 min  
Delta R.T.: -0.004 min  
Response: 2209366  
Conc: 19.56 ug/ml



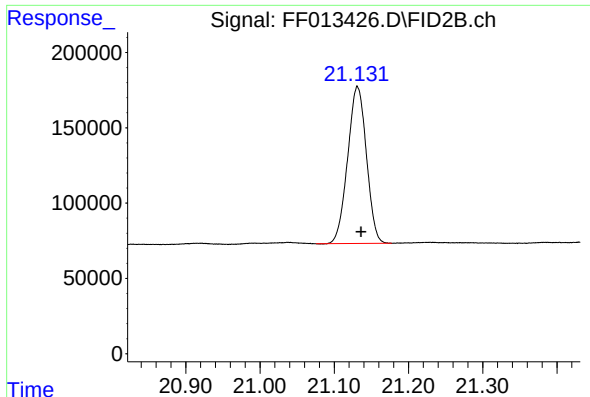
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min  
Delta R.T.: -0.004 min  
Response: 1979746  
Conc: 18.64 ug/ml



#20 n-Hexatriacontane (C36)

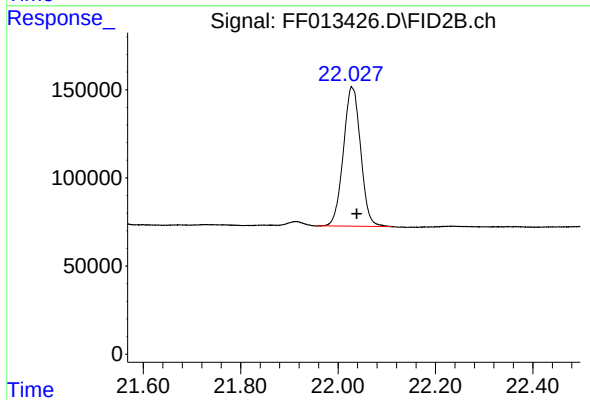
R.T.: 20.401 min  
Delta R.T.: -0.003 min  
Response: 1910078  
Conc: 18.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min  
Delta R.T.: -0.005 min  
Response: 1831422  
Conc: 18.13 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.028 min  
Delta R.T.: -0.010 min  
Response: 1941936  
Conc: 19.54 ug/ml