

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020824AL\  
 Data File : FD047206.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Feb 2024 21:18  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Feb 09 05:34:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 09 05:31:04 2024  
 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)    | 11.356 | 3621088    | 20.049 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.10%       |
| 12) S 1-chlorooctadecane (S... | 12.792 | 2776245    | 20.059 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.12%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.198  | 3189230    | 20.384 ug/ml |
| 2) T n-Decane (C10)            | 4.250  | 3258515    | 20.387 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.806  | 3561728    | 20.386 ug/ml |
| 4) T n-Dodecane (C12)          | 6.249  | 3306322    | 20.385 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.854  | 3459515    | 20.397 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.032  | 3291741    | 20.347 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.622  | 3387406    | 20.217 ug/ml |
| 8) T n-Octadecane (C18)        | 11.054 | 3436129    | 20.190 ug/ml |
| 10) T n-Eicosane (C20)         | 12.354 | 3301638    | 20.060 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.961 | 3250108    | 20.037 ug/ml |
| 13) T n-Docosane (C22)         | 13.544 | 3225843    | 20.038 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.638 | 3186910    | 20.008 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.650 | 3095067    | 19.932 ug/ml |
| 16) T n-Octacosane (C28)       | 16.593 | 2972216    | 19.858 ug/ml |
| 17) T n-Tricontane (C30)       | 17.473 | 2951392    | 19.942 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.298 | 2806677    | 19.903 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.074 | 2640847    | 19.952 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.808 | 2469611    | 19.851 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.506 | 2369736    | 19.808 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.310 | 2270999    | 19.626 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

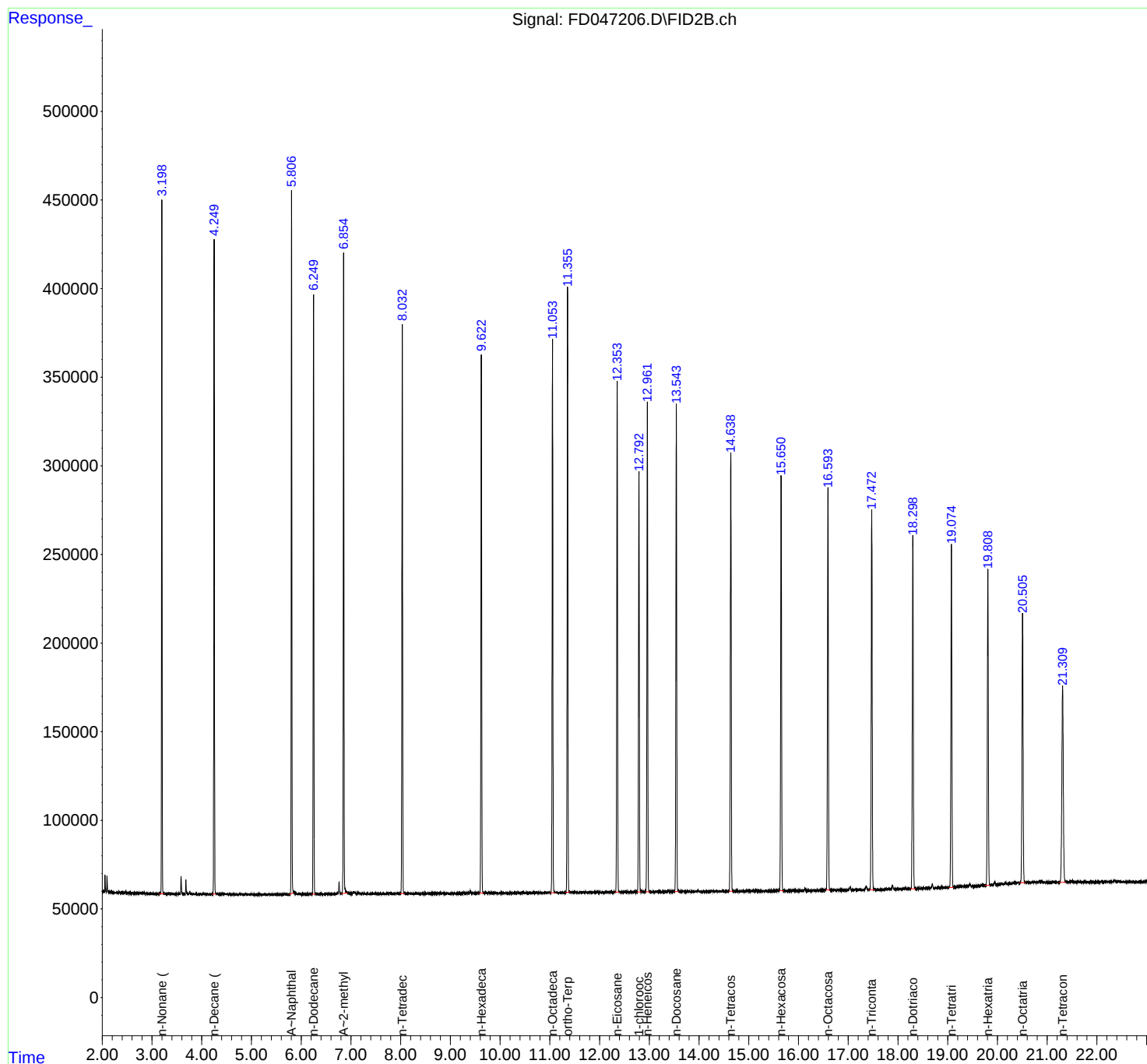
(m)=manual int.

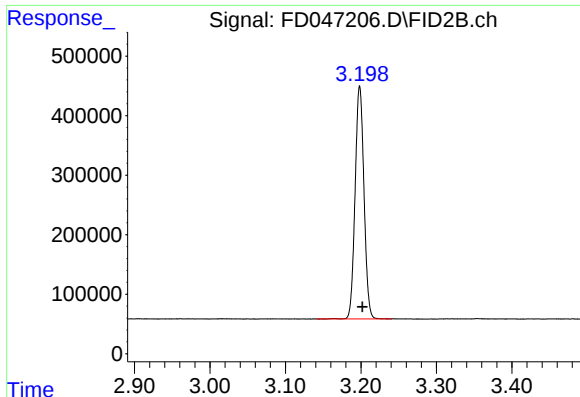
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020824AL\  
Data File : FD047206.D  
Signal(s) : FID2B.ch  
Acq On : 08 Feb 2024 21:18  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

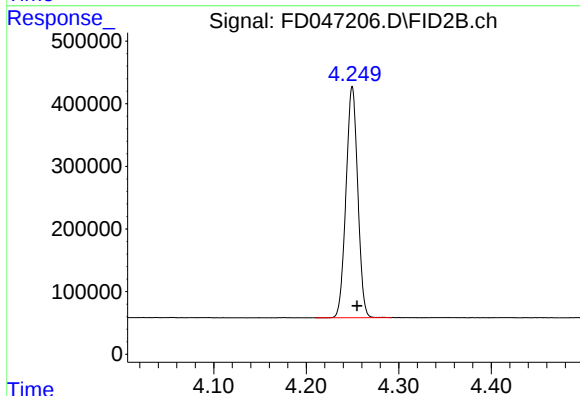




#1 n-Nonane (C9)

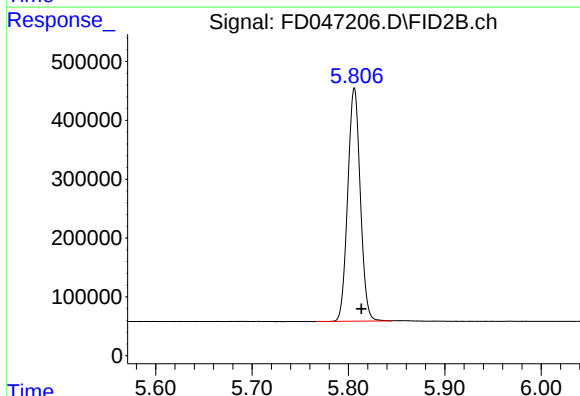
R.T.: 3.198 min  
Delta R.T.: -0.004 min  
Response: 3189230  
Conc: 20.38 ug/ml

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



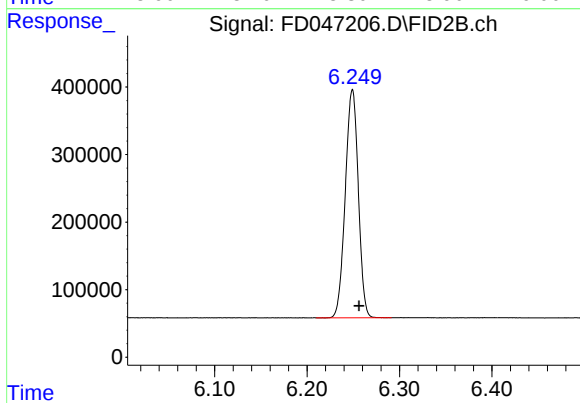
#2 n-Decane (C10)

R.T.: 4.250 min  
Delta R.T.: -0.005 min  
Response: 3258515  
Conc: 20.39 ug/ml



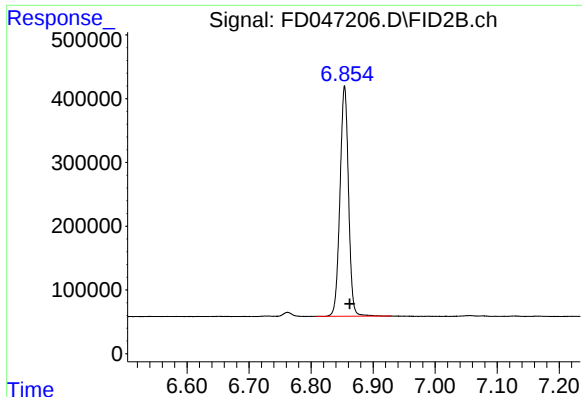
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min  
Delta R.T.: -0.007 min  
Response: 3561728  
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

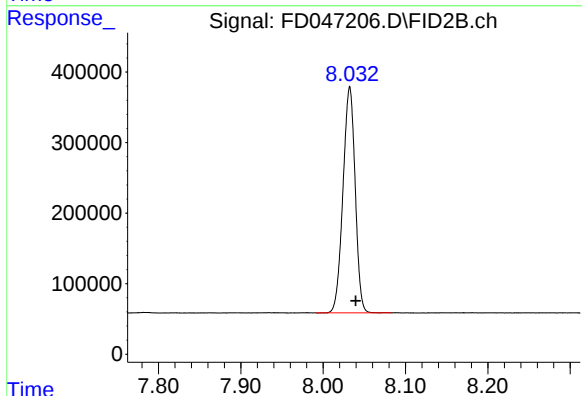
R.T.: 6.249 min  
Delta R.T.: -0.007 min  
Response: 3306322  
Conc: 20.39 ug/ml



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

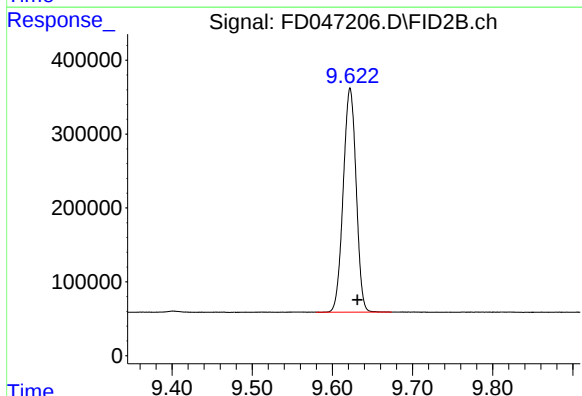
R.T.: 6.854 min  
Delta R.T.: -0.009 min  
Response: 3459515  
Conc: 20.40 ug/ml

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



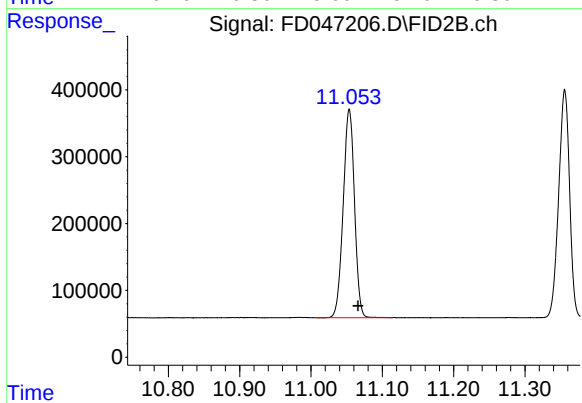
#6 n-Tetradecane (C14)

R.T.: 8.032 min  
Delta R.T.: -0.007 min  
Response: 3291741  
Conc: 20.35 ug/ml



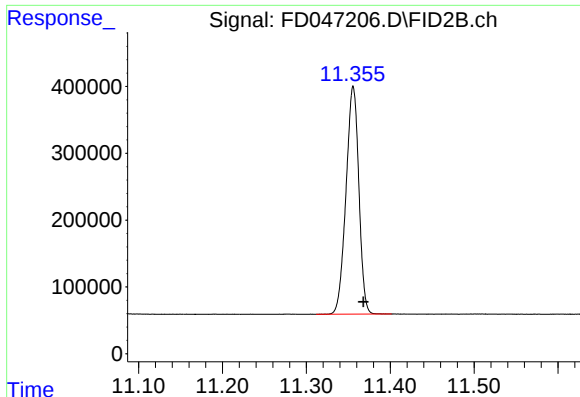
#7 n-Hexadecane (C16)

R.T.: 9.622 min  
Delta R.T.: -0.009 min  
Response: 3387406  
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

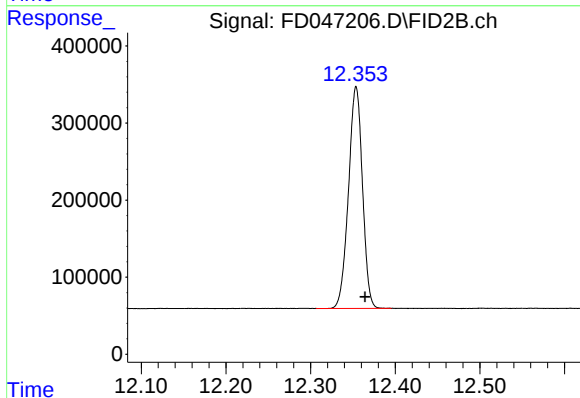
R.T.: 11.054 min  
Delta R.T.: -0.012 min  
Response: 3436129  
Conc: 20.19 ug/ml



#9 ortho-Terphenyl (SURR)

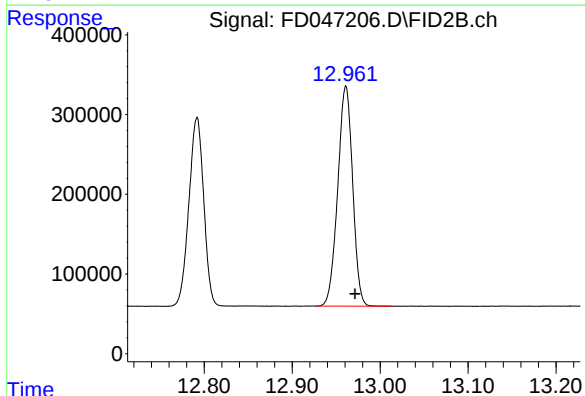
R.T.: 11.356 min  
Delta R.T.: -0.012 min  
Response: 3621088  
Conc: 20.05 ug/ml

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



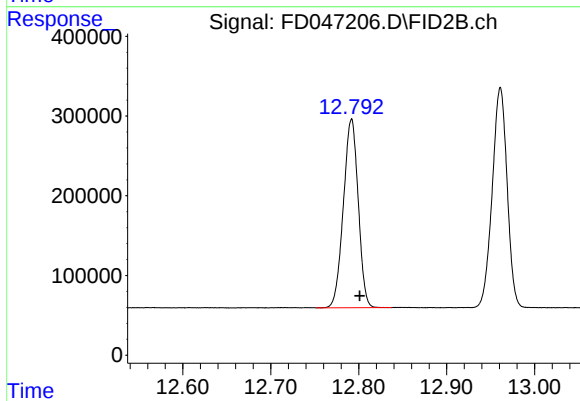
#10 n-Eicosane (C20)

R.T.: 12.354 min  
Delta R.T.: -0.010 min  
Response: 3301638  
Conc: 20.06 ug/ml



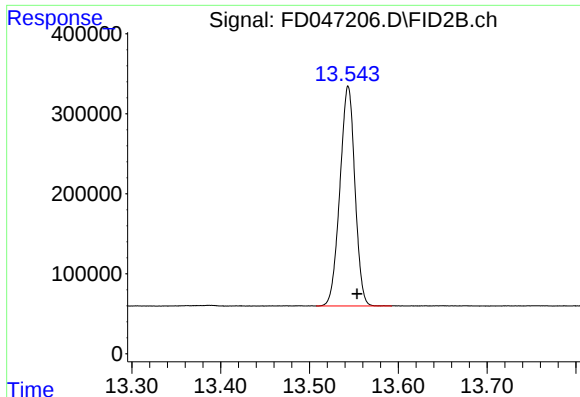
#11 n-Heneicosane (C21)

R.T.: 12.961 min  
Delta R.T.: -0.011 min  
Response: 3250108  
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

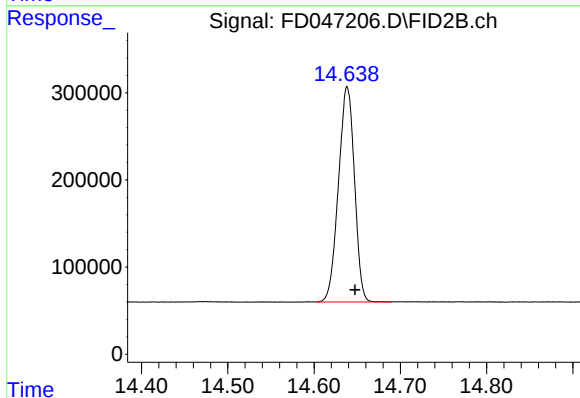
R.T.: 12.792 min  
Delta R.T.: -0.009 min  
Response: 2776245  
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

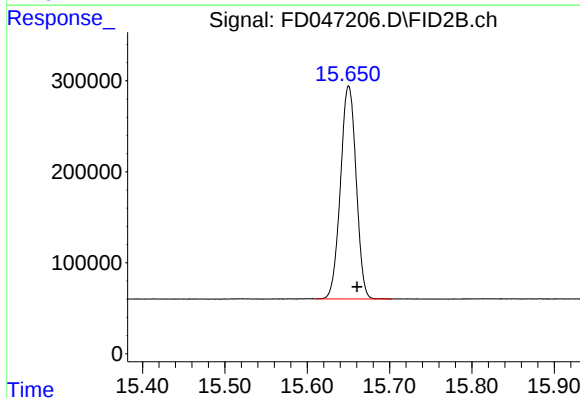
R.T.: 13.544 min  
Delta R.T.: -0.010 min  
Response: 3225843  
Conc: 20.04 ug/ml

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



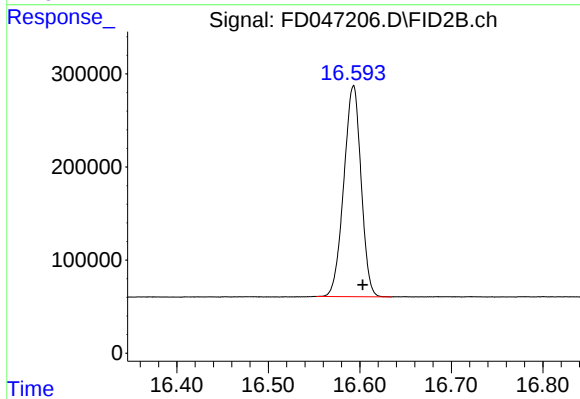
#14 n-Tetracosane (C24)

R.T.: 14.638 min  
Delta R.T.: -0.009 min  
Response: 3186910  
Conc: 20.01 ug/ml



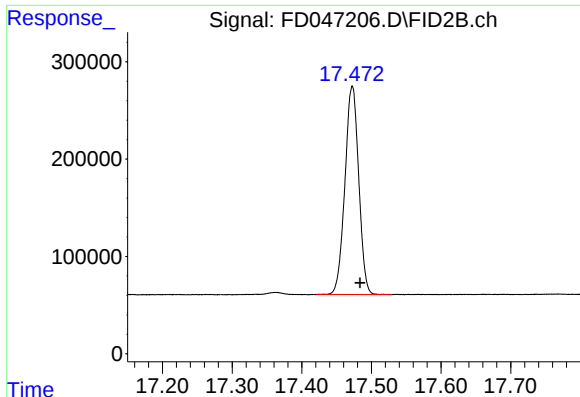
#15 n-Hexacosane (C26)

R.T.: 15.650 min  
Delta R.T.: -0.010 min  
Response: 3095067  
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

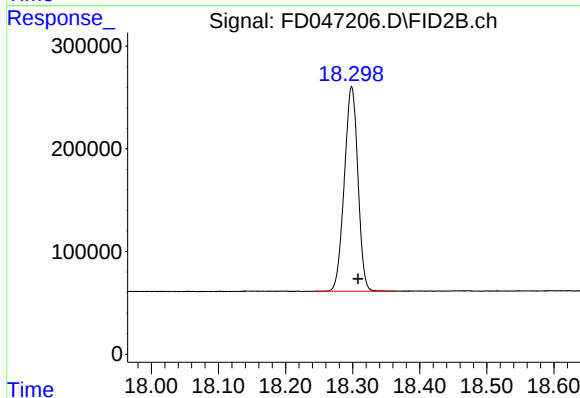
R.T.: 16.593 min  
Delta R.T.: -0.010 min  
Response: 2972216  
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

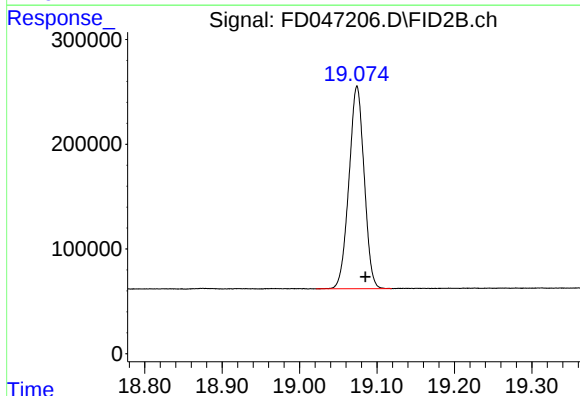
R.T.: 17.473 min  
Delta R.T.: -0.011 min  
Response: 2951392  
Conc: 19.94 ug/ml

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



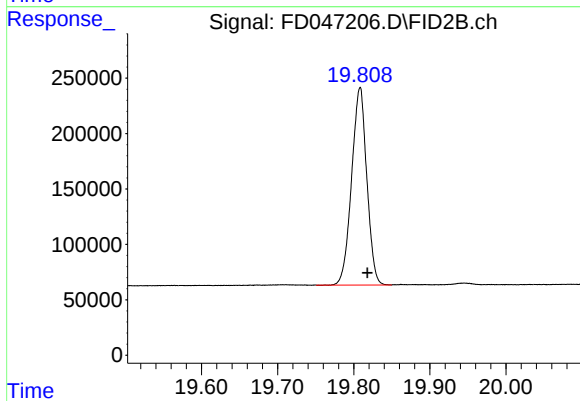
#18 n-Dotriacontane (C32)

R.T.: 18.298 min  
Delta R.T.: -0.010 min  
Response: 2806677  
Conc: 19.90 ug/ml



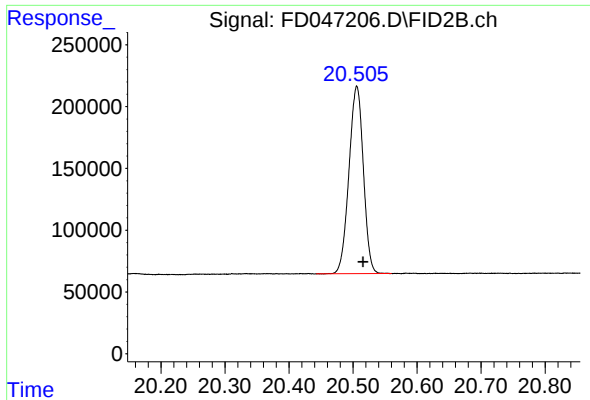
#19 n-Tetratriacontane (C34)

R.T.: 19.074 min  
Delta R.T.: -0.011 min  
Response: 2640847  
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

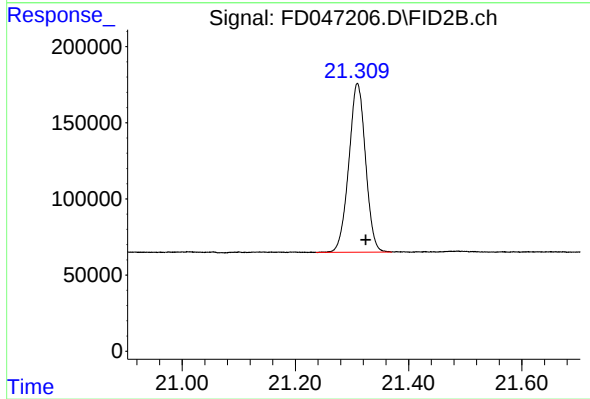
R.T.: 19.808 min  
Delta R.T.: -0.010 min  
Response: 2469611  
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.506 min  
Delta R.T.: -0.010 min  
Response: 2369736  
Conc: 19.81 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.310 min  
Delta R.T.: -0.015 min  
Response: 2270999  
Conc: 19.63 ug/ml