

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072023AL\  
 Data File : FD046162.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Jul 2023 02:02  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jul 21 03:00:03 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 14:31:50 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)    | 11.399 | 3707623    | 21.265 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.53%       |
| 12) S 1-chlorooctadecane (S... | 12.833 | 2662033    | 22.124 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.25%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.231  | 3321596    | 21.068 ug/ml |
| 2) T n-Decane (C10)            | 4.284  | 3380162    | 21.048 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.845  | 3666095    | 21.176 ug/ml |
| 4) T n-Dodecane (C12)          | 6.286  | 3407153    | 21.079 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.893  | 3510185    | 21.269 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.070  | 3357389    | 21.104 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.662  | 3442671    | 21.156 ug/ml |
| 8) T n-Octadecane (C18)        | 11.095 | 3411360    | 21.149 ug/ml |
| 10) T n-Eicosane (C20)         | 12.395 | 3183474    | 21.327 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.002 | 3080472    | 21.340 ug/ml |
| 13) T n-Docosane (C22)         | 13.584 | 2997106    | 21.450 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.680 | 2935198    | 21.316 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.692 | 2720910    | 21.283 ug/ml |
| 16) T n-Octacosane (C28)       | 16.635 | 2593224    | 21.297 ug/ml |
| 17) T n-Tricontane (C30)       | 17.516 | 2612562    | 21.109 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.342 | 2593502    | 21.240 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.118 | 2626294    | 20.527 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.853 | 2494331    | 21.780 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.552 | 2476249    | 21.994 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.371 | 2330348    | 21.725 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

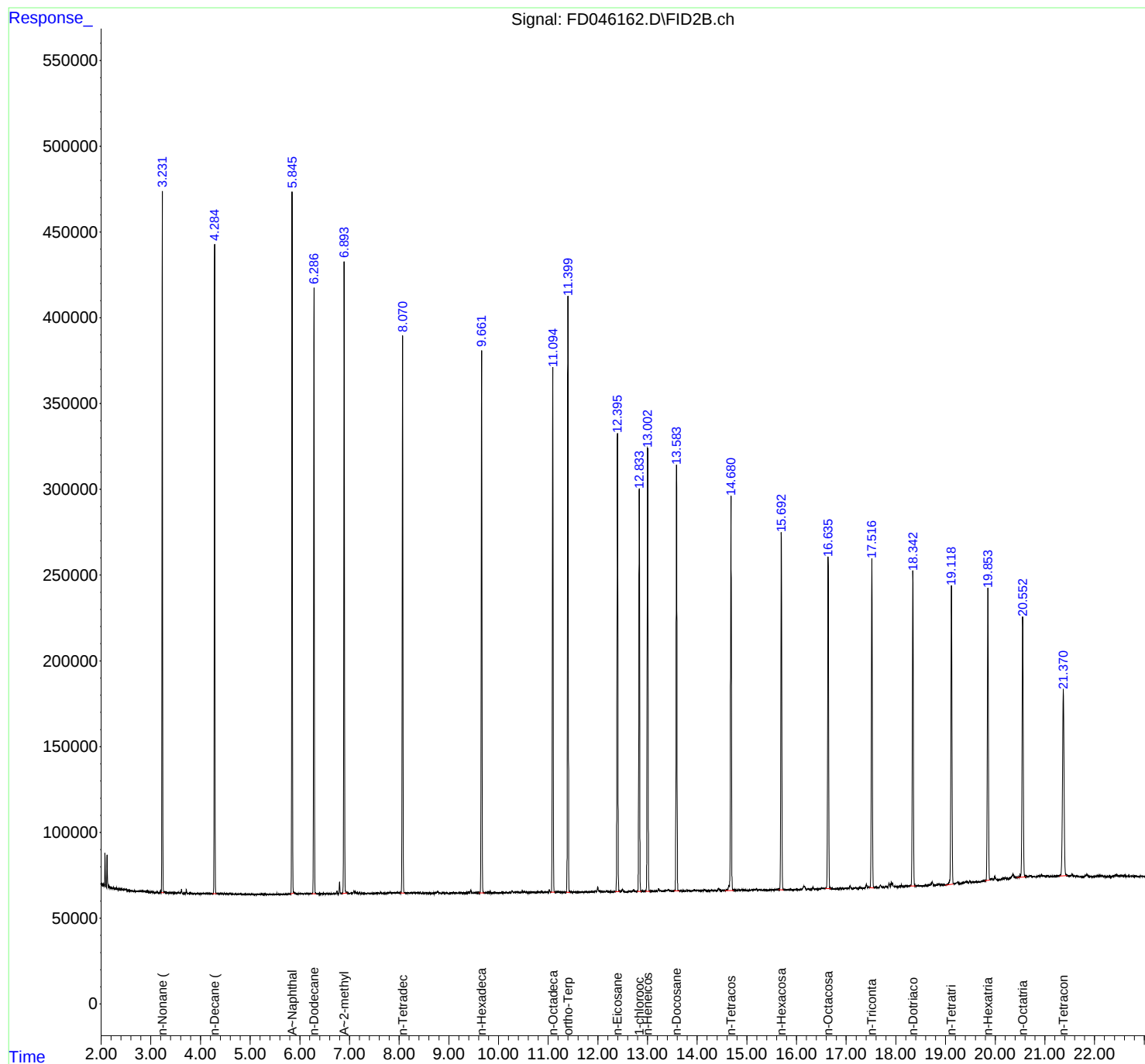
(m)=manual int.

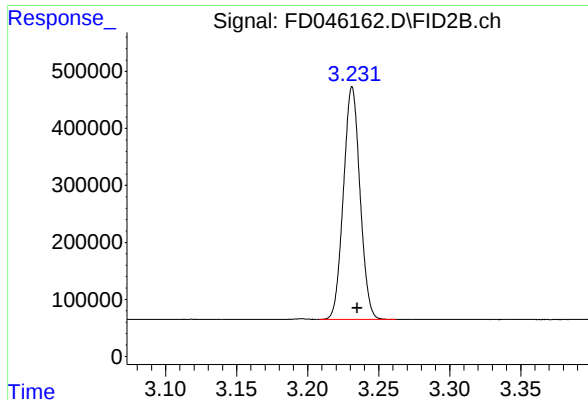
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072023AL\  
Data File : FD046162.D  
Signal(s) : FID2B.ch  
Acq On : 21 Jul 2023 02:02  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Jul 21 03:00:03 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072023.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 20 14:31:50 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

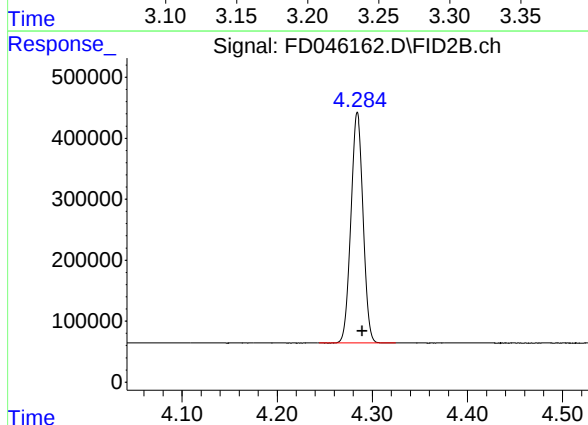




#1 n-Nonane (C9)

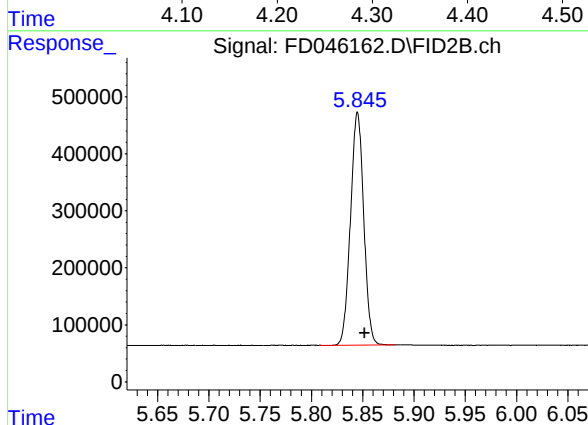
R.T.: 3.231 min  
Delta R.T.: -0.004 min  
Response: 3321596  
Conc: 21.07 ug/ml

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



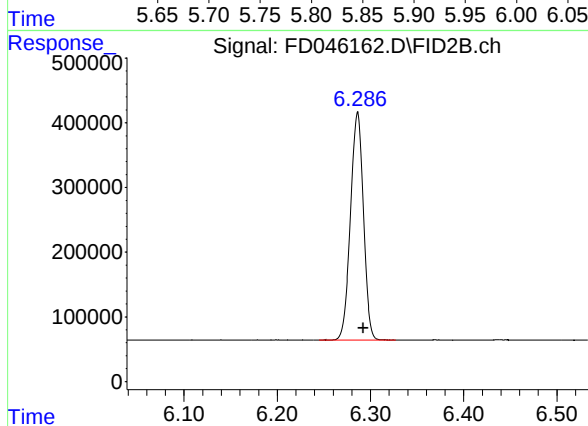
#2 n-Decane (C10)

R.T.: 4.284 min  
Delta R.T.: -0.005 min  
Response: 3380162  
Conc: 21.05 ug/ml



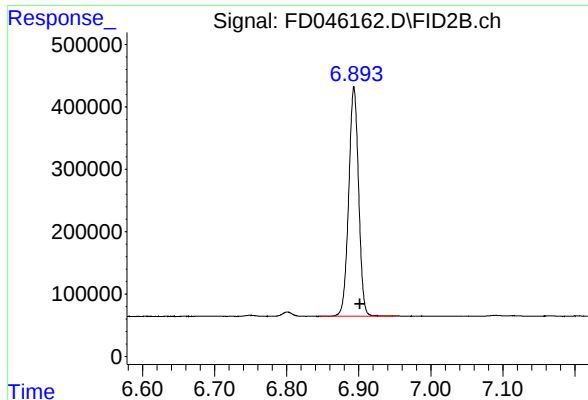
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min  
Delta R.T.: -0.007 min  
Response: 3666095  
Conc: 21.18 ug/ml



#4 n-Dodecane (C12)

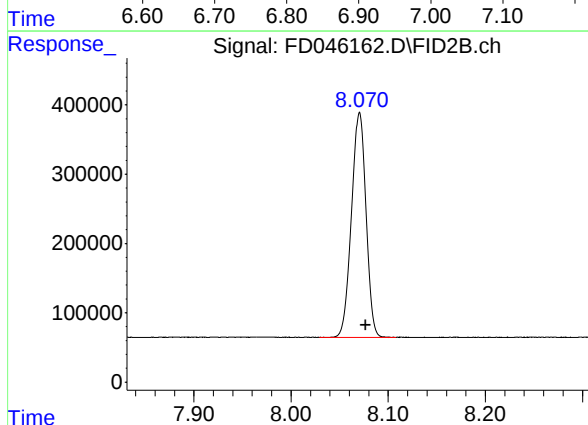
R.T.: 6.286 min  
Delta R.T.: -0.006 min  
Response: 3407153  
Conc: 21.08 ug/ml



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

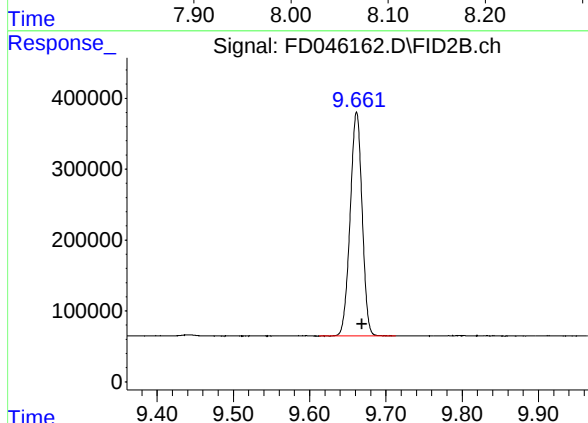
R.T.: 6.893 min  
Delta R.T.: -0.008 min  
Response: 3510185  
Conc: 21.27 ug/ml

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



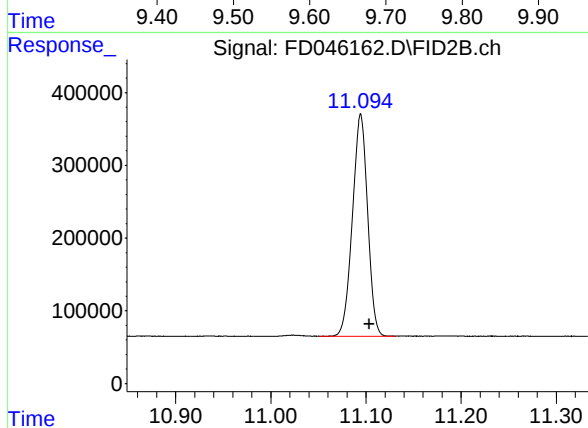
#6 n-Tetradecane (C14)

R.T.: 8.070 min  
Delta R.T.: -0.006 min  
Response: 3357389  
Conc: 21.10 ug/ml



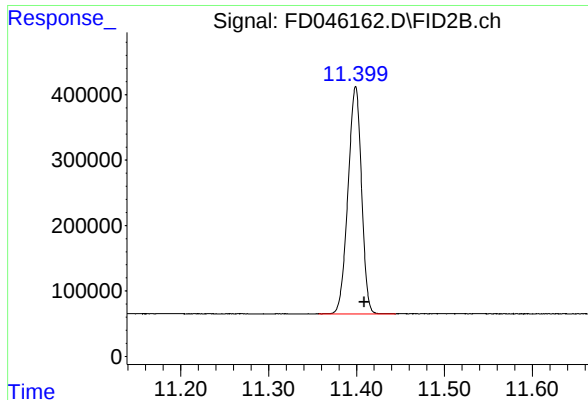
#7 n-Hexadecane (C16)

R.T.: 9.662 min  
Delta R.T.: -0.007 min  
Response: 3442671  
Conc: 21.16 ug/ml



#8 n-Octadecane (C18)

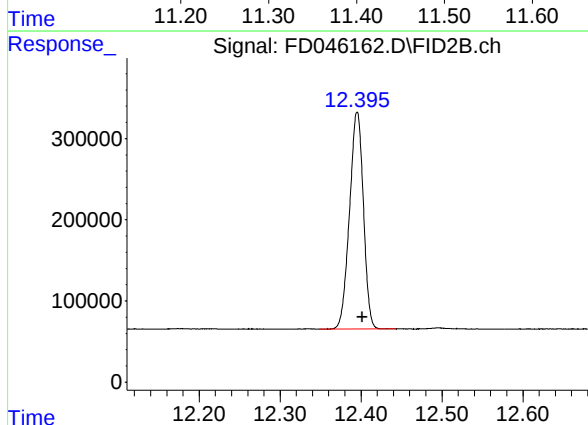
R.T.: 11.095 min  
Delta R.T.: -0.009 min  
Response: 3411360  
Conc: 21.15 ug/ml



#9 ortho-Terphenyl (SURR)

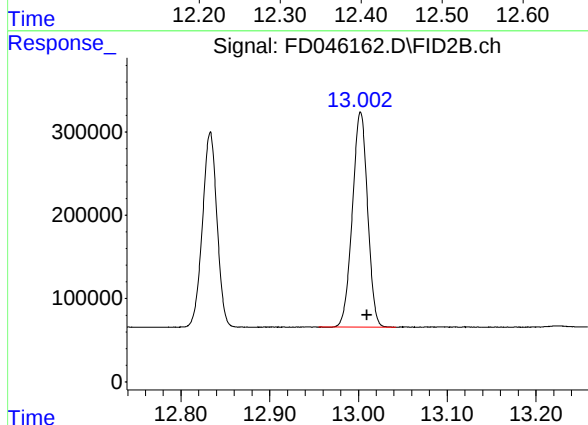
R.T.: 11.399 min  
Delta R.T.: -0.010 min  
Response: 3707623  
Conc: 21.27 ug/ml

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



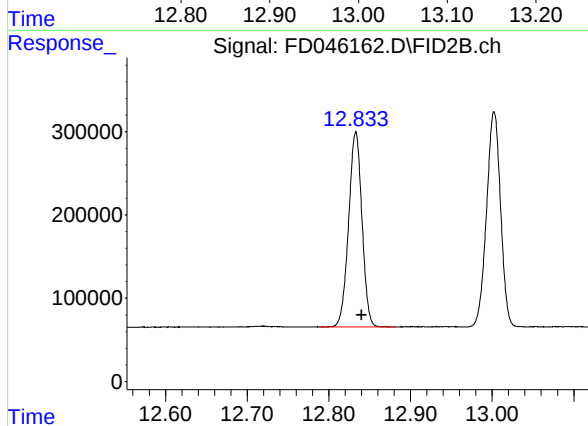
#10 n-Eicosane (C20)

R.T.: 12.395 min  
Delta R.T.: -0.006 min  
Response: 3183474  
Conc: 21.33 ug/ml



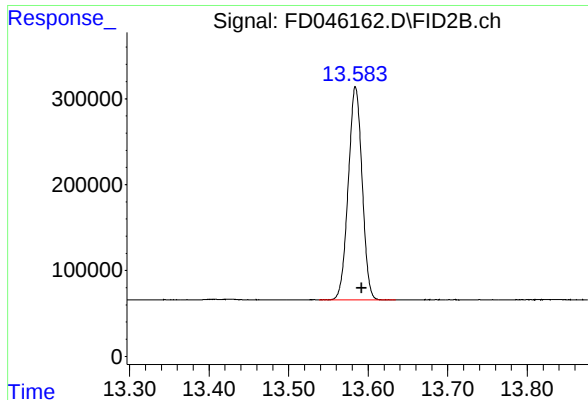
#11 n-Heneicosane (C21)

R.T.: 13.002 min  
Delta R.T.: -0.007 min  
Response: 3080472  
Conc: 21.34 ug/ml



#12 1-chlorooctadecane (SURR)

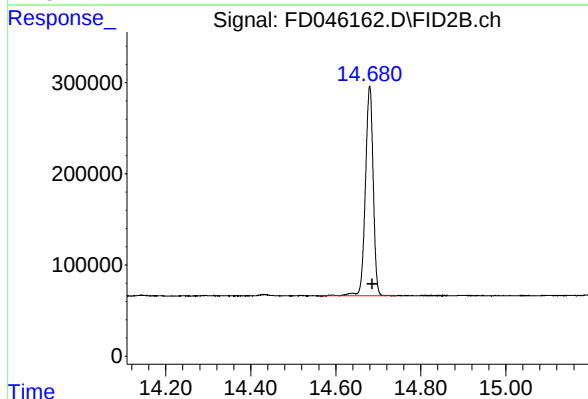
R.T.: 12.833 min  
Delta R.T.: -0.007 min  
Response: 2662033  
Conc: 22.12 ug/ml



#13 n-Docosane (C22)

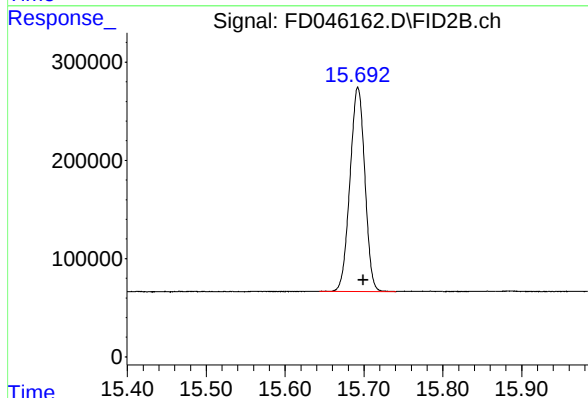
R.T.: 13.584 min  
Delta R.T.: -0.008 min  
Response: 2997106  
Conc: 21.45 ug/ml

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



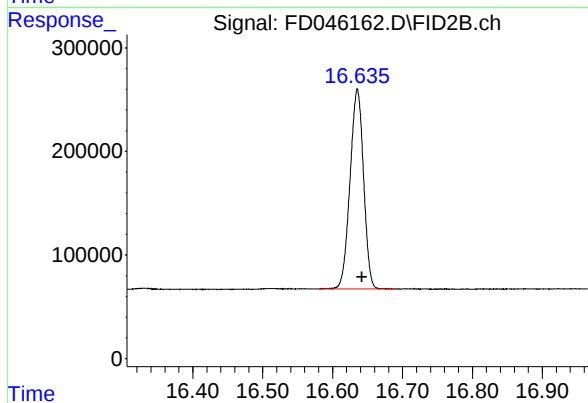
#14 n-Tetracosane (C24)

R.T.: 14.680 min  
Delta R.T.: -0.006 min  
Response: 2935198  
Conc: 21.32 ug/ml



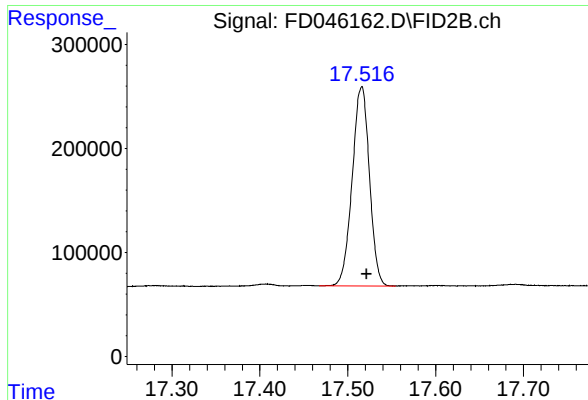
#15 n-Hexacosane (C26)

R.T.: 15.692 min  
Delta R.T.: -0.007 min  
Response: 2720910  
Conc: 21.28 ug/ml



#16 n-Octacosane (C28)

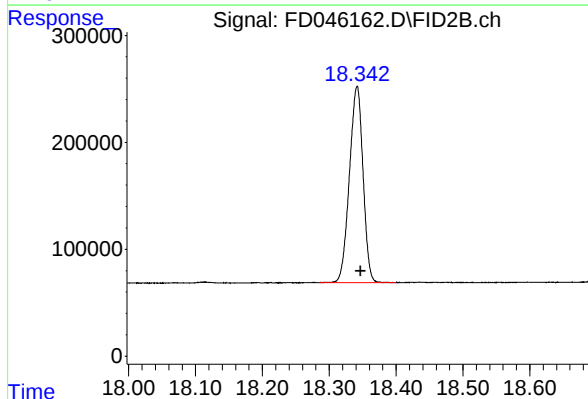
R.T.: 16.635 min  
Delta R.T.: -0.007 min  
Response: 2593224  
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

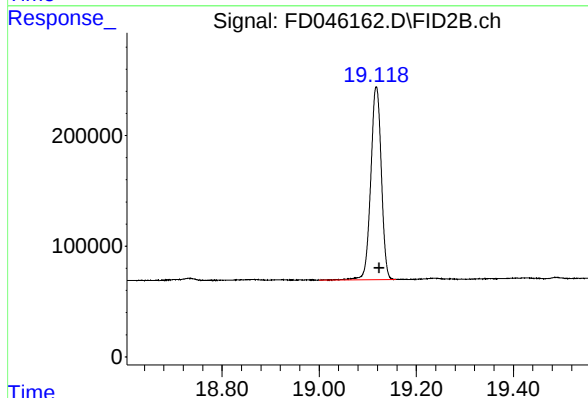
R.T.: 17.516 min  
Delta R.T.: -0.006 min  
Response: 2612562  
Conc: 21.11 ug/ml

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



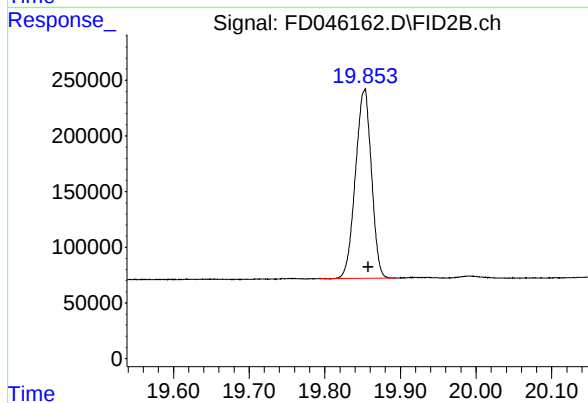
#18 n-Dotriacontane (C32)

R.T.: 18.342 min  
Delta R.T.: -0.005 min  
Response: 2593502  
Conc: 21.24 ug/ml



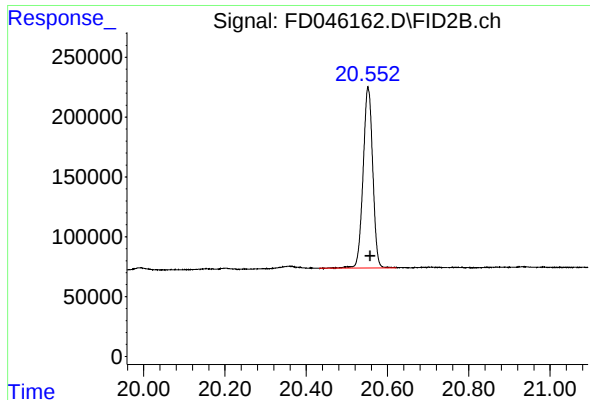
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min  
Delta R.T.: -0.006 min  
Response: 2626294  
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

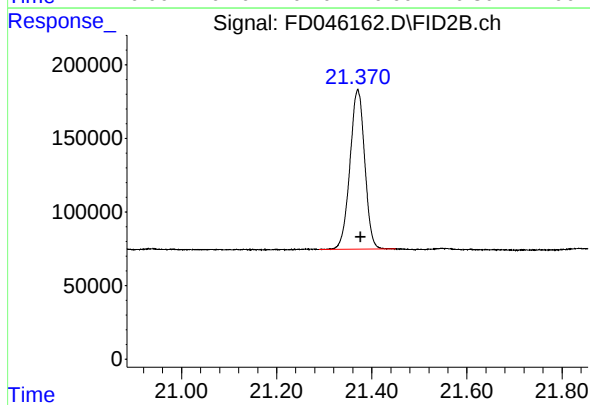
R.T.: 19.853 min  
Delta R.T.: -0.005 min  
Response: 2494331  
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.552 min  
Delta R.T.: -0.006 min  
Response: 2476249  
Conc: 21.99 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.371 min  
Delta R.T.: -0.006 min  
Response: 2330348  
Conc: 21.72 ug/ml