

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031022AL\  
 Data File : FD041477.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Mar 2022 10:26  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: Mar 10 10:51:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 24 01:21:33 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.241 | 3378825    | 19.479 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.96%       |
| 12) S 1-chlorooctadecane (S... | 12.681 | 2623122    | 19.375 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.75%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.104  | 3004564    | 20.633 ug/ml |
| 2) T n-Decane (C10)            | 4.150  | 2994719    | 20.740 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.702  | 3303962    | 20.683 ug/ml |
| 4) T n-Dodecane (C12)          | 6.148  | 3089906    | 20.863 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.748  | 3339872    | 20.870 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.925  | 3122867    | 20.860 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.512  | 3147942    | 20.678 ug/ml |
| 8) T n-Octadecane (C18)        | 10.944 | 3147982    | 20.253 ug/ml |
| 10) T n-Eicosane (C20)         | 12.243 | 3073273    | 19.796 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.851 | 3060593    | 19.546 ug/ml |
| 13) T n-Docosane (C22)         | 13.433 | 3002814    | 19.174 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.531 | 2909246    | 18.548 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.544 | 2773560    | 18.052 ug/ml |
| 16) T n-Octacosane (C28)       | 16.488 | 2666968    | 17.920 ug/ml |
| 17) T n-Tricontane (C30)       | 17.372 | 2572553    | 18.283 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.200 | 2426966    | 19.076 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.978 | 2291412    | 20.118 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.715 | 2164799    | 21.121 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.413 | 2105142    | 22.172 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.196 | 2118339    | 22.352 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

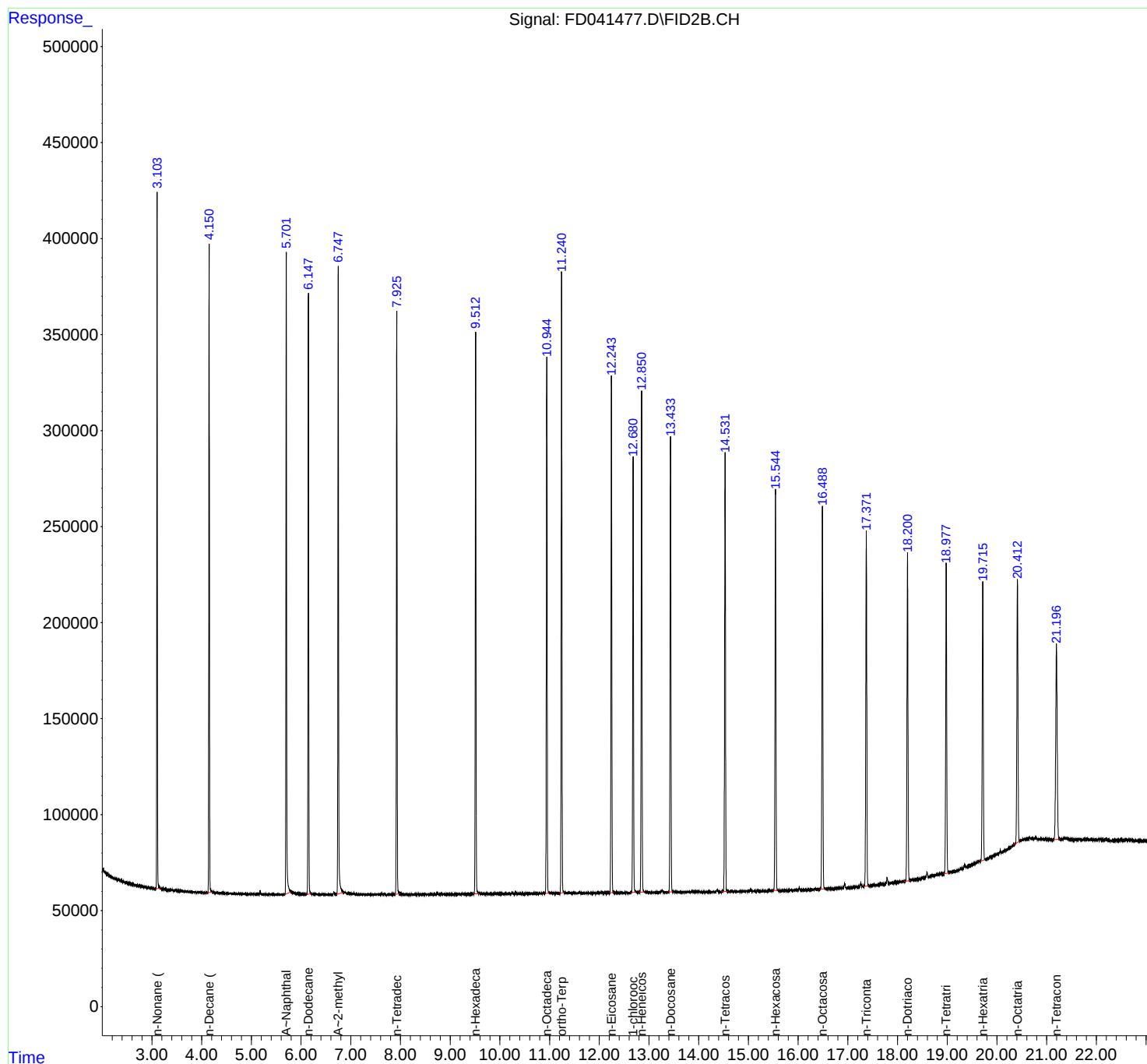
(m)=manual int.

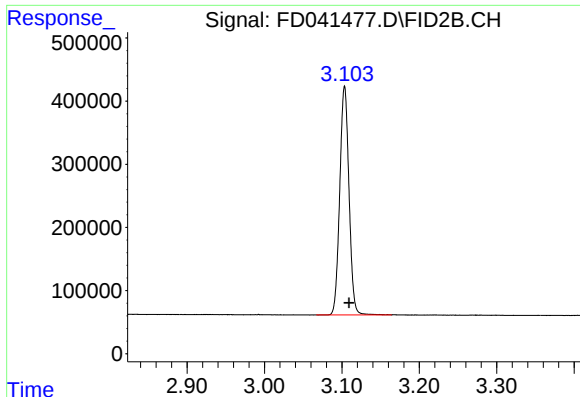
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031022AL\  
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ALS Vial : 52 Sample Multiplier: 1

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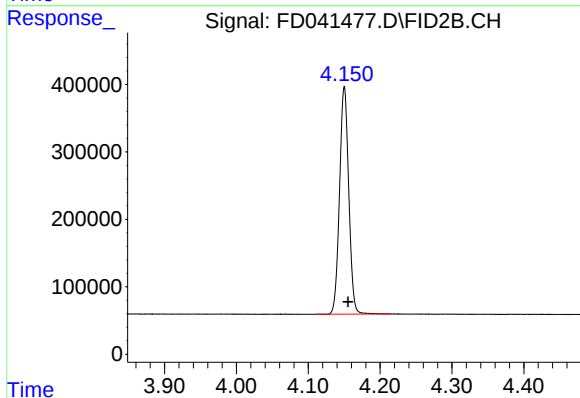




#1 n-Nonane (C9)

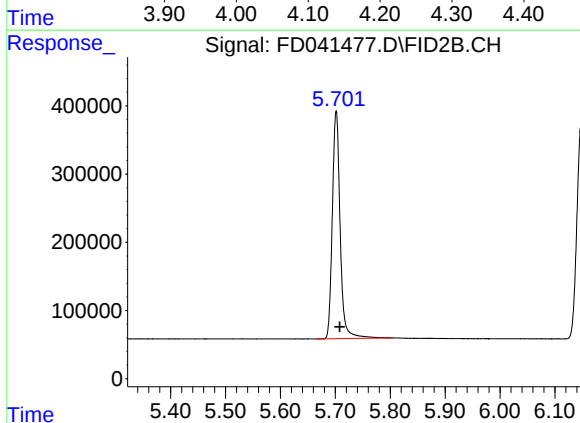
R.T.: 3.104 min  
Delta R.T.: -0.005 min  
Response: 3004564  
Conc: 20.63 ug/ml

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



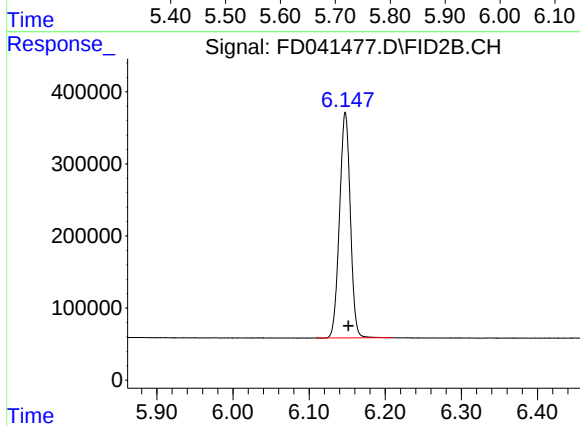
#2 n-Decane (C10)

R.T.: 4.150 min  
Delta R.T.: -0.005 min  
Response: 2994719  
Conc: 20.74 ug/ml



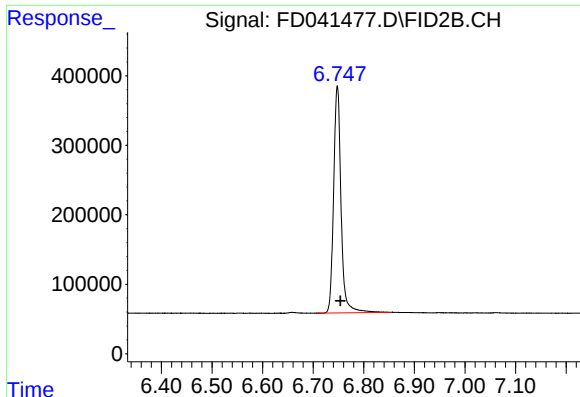
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min  
Delta R.T.: -0.006 min  
Response: 3303962  
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

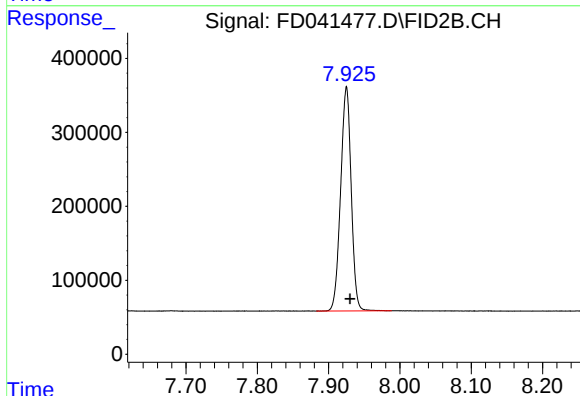
R.T.: 6.148 min  
Delta R.T.: -0.004 min  
Response: 3089906  
Conc: 20.86 ug/ml



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

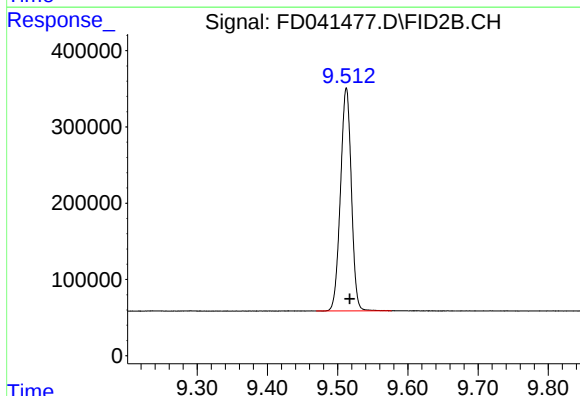
R.T.: 6.748 min  
Delta R.T.: -0.006 min  
Response: 3339872  
Conc: 20.87 ug/ml

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



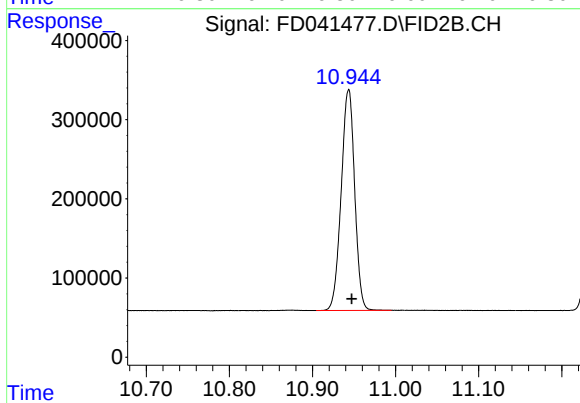
#6 n-Tetradecane (C14)

R.T.: 7.925 min  
Delta R.T.: -0.005 min  
Response: 3122867  
Conc: 20.86 ug/ml



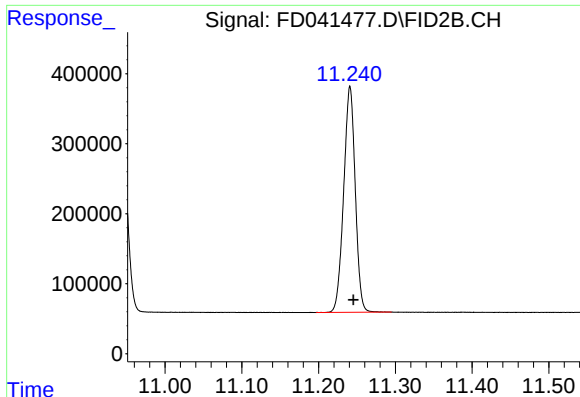
#7 n-Hexadecane (C16)

R.T.: 9.512 min  
Delta R.T.: -0.005 min  
Response: 3147942  
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

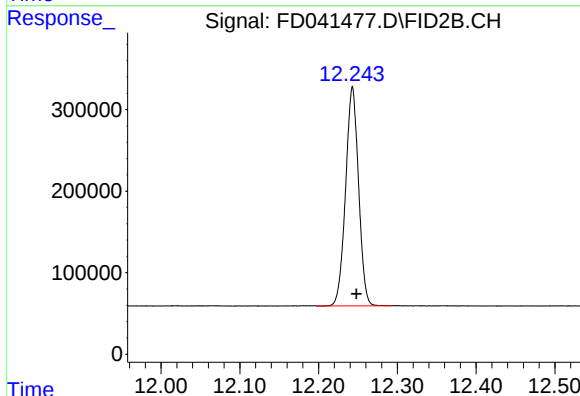
R.T.: 10.944 min  
Delta R.T.: -0.004 min  
Response: 3147982  
Conc: 20.25 ug/ml



#9 ortho-Terphenyl (SURR)

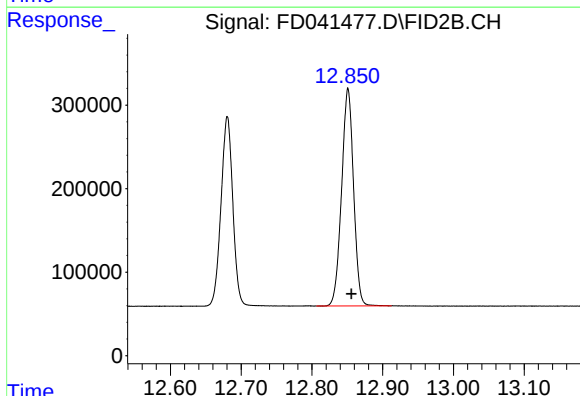
R.T.: 11.241 min  
Delta R.T.: -0.005 min  
Response: 3378825  
Conc: 19.48 ug/ml

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



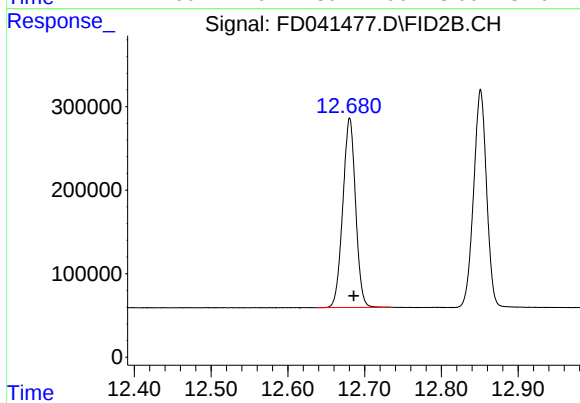
#10 n-Eicosane (C20)

R.T.: 12.243 min  
Delta R.T.: -0.005 min  
Response: 3073273  
Conc: 19.80 ug/ml



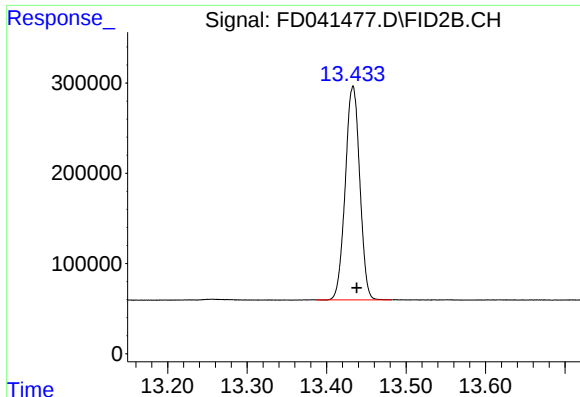
#11 n-Heneicosane (C21)

R.T.: 12.851 min  
Delta R.T.: -0.005 min  
Response: 3060593  
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

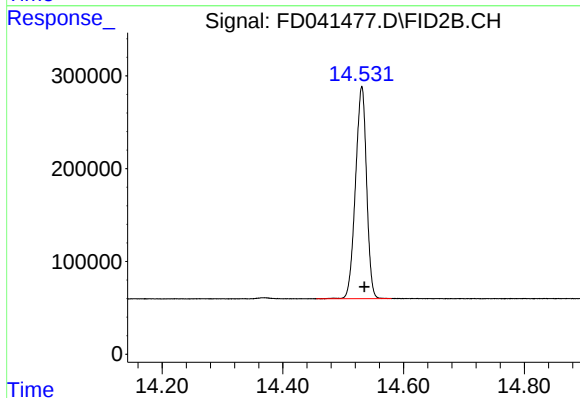
R.T.: 12.681 min  
Delta R.T.: -0.005 min  
Response: 2623122  
Conc: 19.38 ug/ml



#13 n-Docosane (C22)

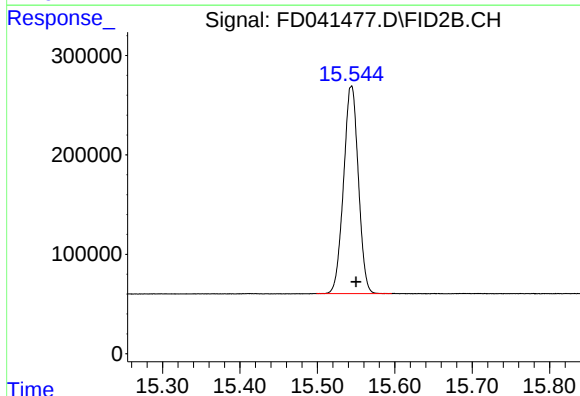
R.T.: 13.433 min  
Delta R.T.: -0.005 min  
Response: 3002814  
Conc: 19.17 ug/ml

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



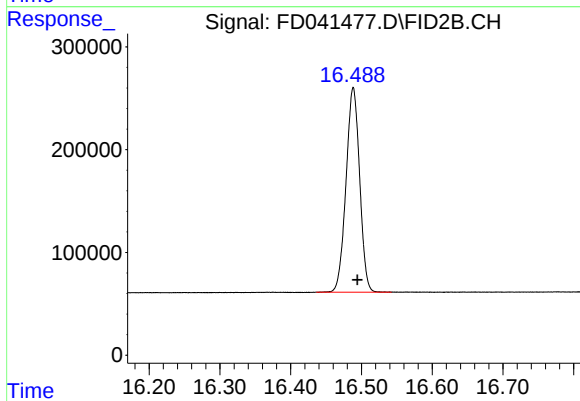
#14 n-Tetracosane (C24)

R.T.: 14.531 min  
Delta R.T.: -0.004 min  
Response: 2909246  
Conc: 18.55 ug/ml



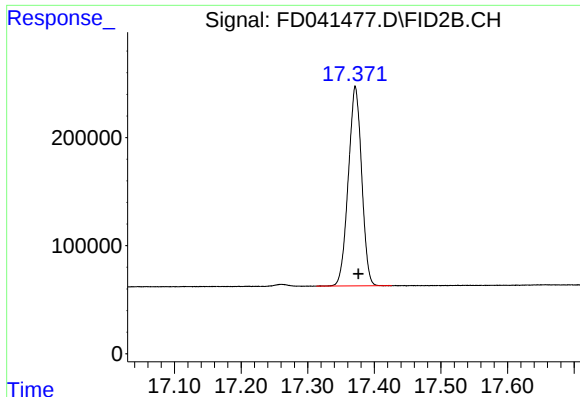
#15 n-Hexacosane (C26)

R.T.: 15.544 min  
Delta R.T.: -0.006 min  
Response: 2773560  
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

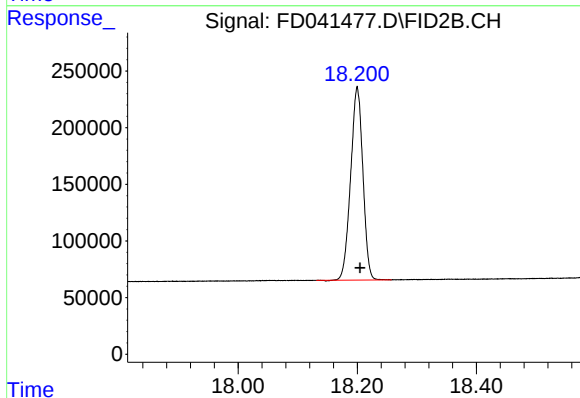
R.T.: 16.488 min  
Delta R.T.: -0.006 min  
Response: 2666968  
Conc: 17.92 ug/ml



#17 n-Tricontane (C30)

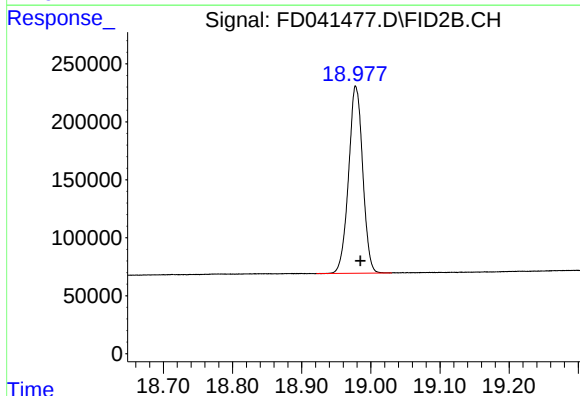
R.T.: 17.372 min  
Delta R.T.: -0.005 min  
Response: 2572553  
Conc: 18.28 ug/ml

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



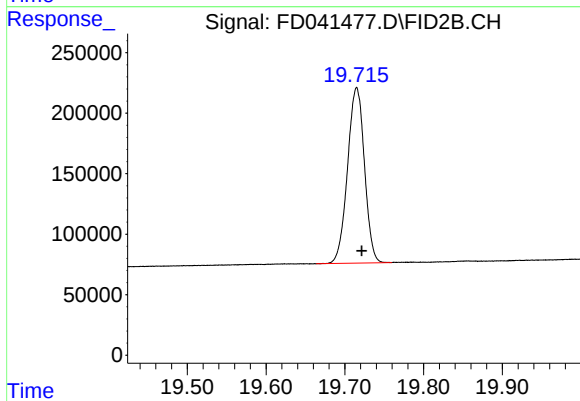
#18 n-Dotriacontane (C32)

R.T.: 18.200 min  
Delta R.T.: -0.005 min  
Response: 2426966  
Conc: 19.08 ug/ml



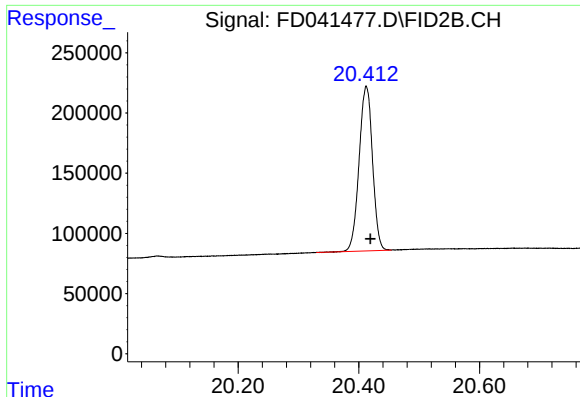
#19 n-Tetratriacontane (C34)

R.T.: 18.978 min  
Delta R.T.: -0.007 min  
Response: 2291412  
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

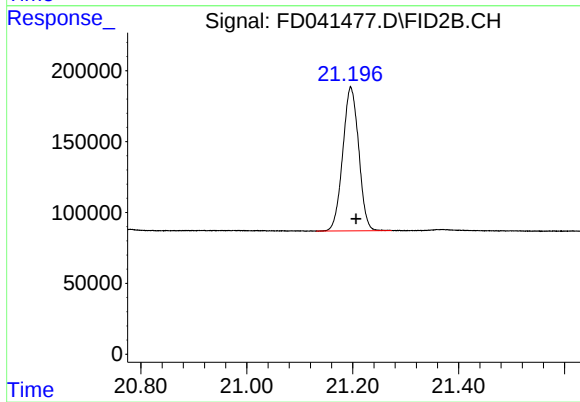
R.T.: 19.715 min  
Delta R.T.: -0.006 min  
Response: 2164799  
Conc: 21.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.413 min  
Delta R.T.: -0.007 min  
Response: 2105142  
Conc: 22.17 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.196 min  
Delta R.T.: -0.010 min  
Response: 2118339  
Conc: 22.35 ug/ml