

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072021AL\  
 Data File : FD038287.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Jul 2021 13:27  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 21 02:10:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 07 10:58:41 2021  
 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)    | 11.412 | 2946358    | 20.383 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.77%       |
| 12) S 1-chlorooctadecane (S... | 12.847 | 2249124    | 19.727 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.227  | 2775567    | 22.841 ug/ml |
| 2) T n-Decane (C10)            | 4.282  | 2807842    | 22.956 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.852  | 3094510    | 22.637 ug/ml |
| 4) T n-Dodecane (C12)          | 6.288  | 2849679    | 22.880 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.903  | 3090799    | 22.439 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.074  | 2897191    | 22.541 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.667  | 2874826    | 22.185 ug/ml |
| 8) T n-Octadecane (C18)        | 11.103 | 2873534    | 21.337 ug/ml |
| 10) T n-Eicosane (C20)         | 12.406 | 2752147    | 20.490 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.014 | 2724176    | 20.051 ug/ml |
| 13) T n-Docosane (C22)         | 13.597 | 2656239    | 19.742 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.695 | 2570603    | 19.037 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.711 | 2420352    | 18.370 ug/ml |
| 16) T n-Octacosane (C28)       | 16.657 | 2352512    | 18.042 ug/ml |
| 17) T n-Tricontane (C30)       | 17.540 | 2310839    | 18.083 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.367 | 2277864    | 18.512 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.149 | 2287206    | 19.531 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.884 | 2262190    | 20.715 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.590 | 2199471    | 21.838 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.415 | 2285556    | 23.369 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

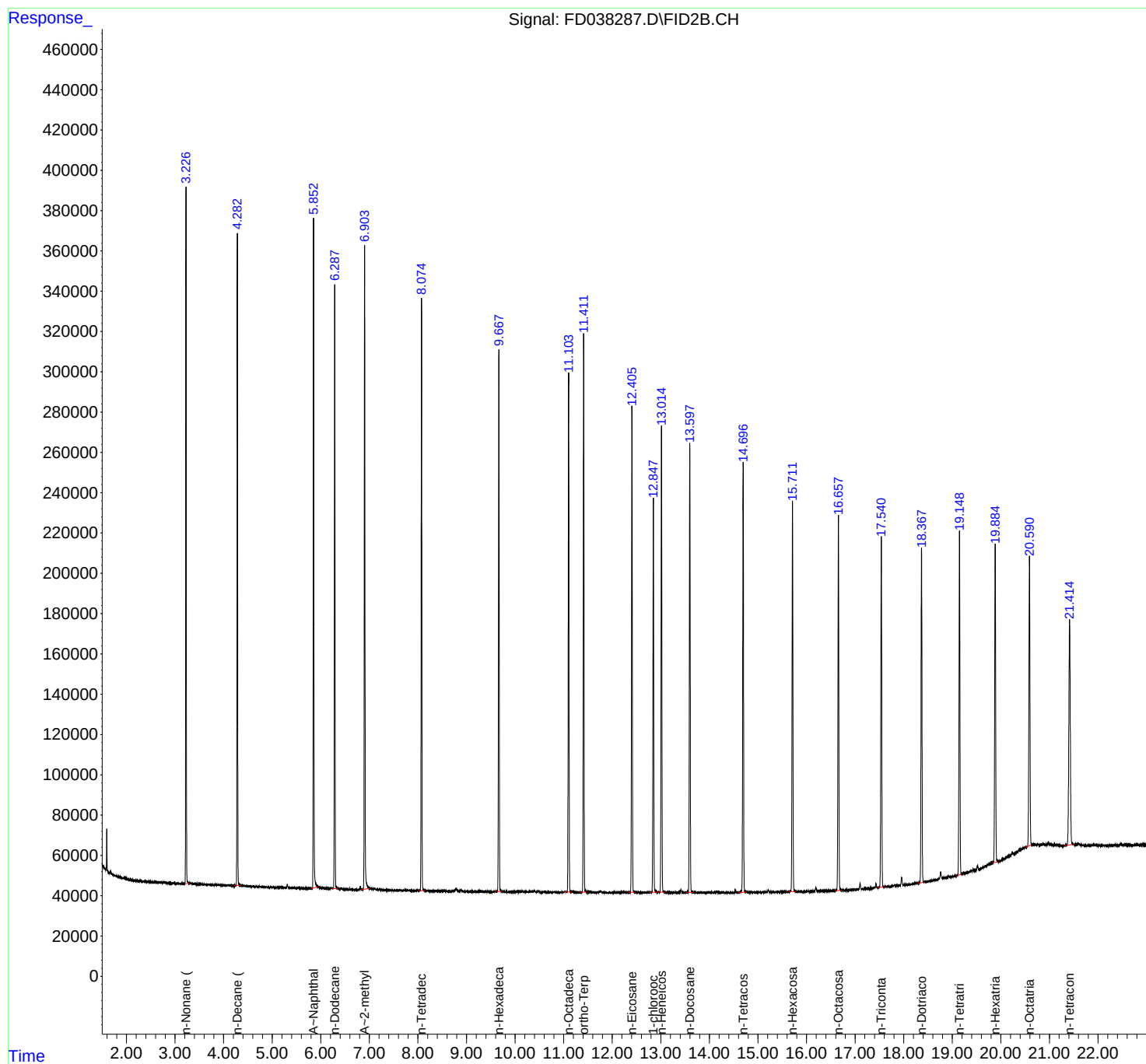
(m)=manual int.

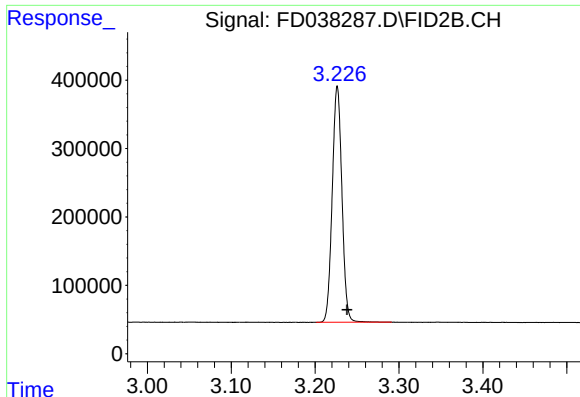
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072021AL\  
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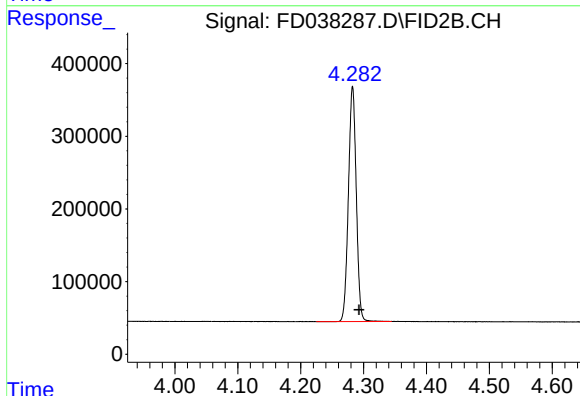




#1 n-Nonane (C9)

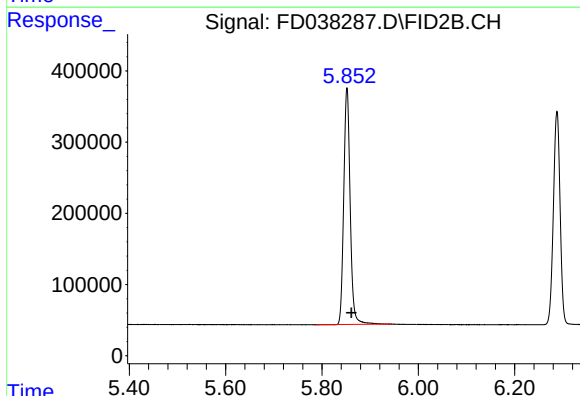
R.T.: 3.227 min  
Delta R.T.: -0.011 min  
Response: 2775567  
Conc: 22.84 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



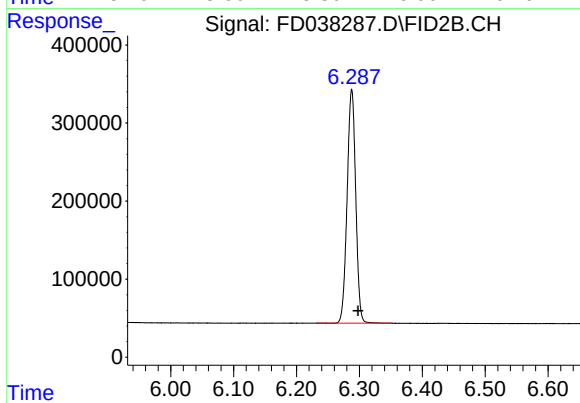
#2 n-Decane (C10)

R.T.: 4.282 min  
Delta R.T.: -0.010 min  
Response: 2807842  
Conc: 22.96 ug/ml



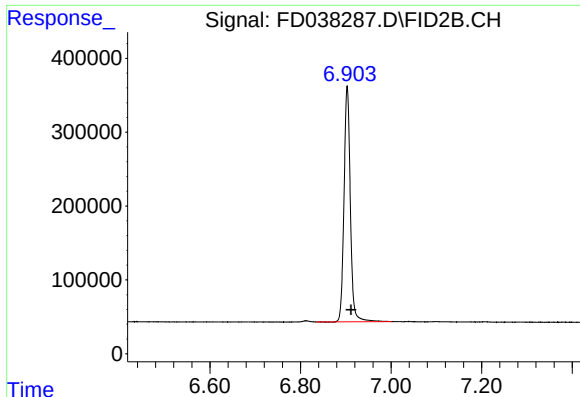
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min  
Delta R.T.: -0.009 min  
Response: 3094510  
Conc: 22.64 ug/ml



#4 n-Dodecane (C12)

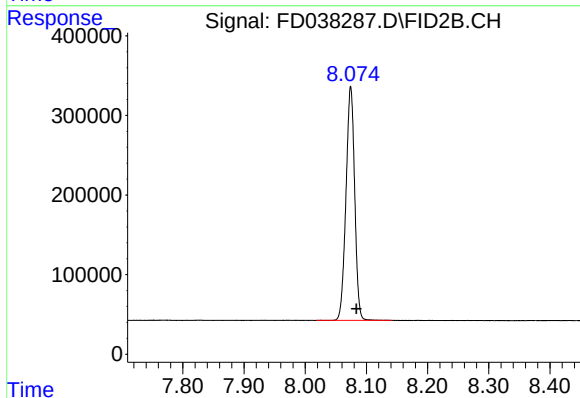
R.T.: 6.288 min  
Delta R.T.: -0.010 min  
Response: 2849679  
Conc: 22.88 ug/ml



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

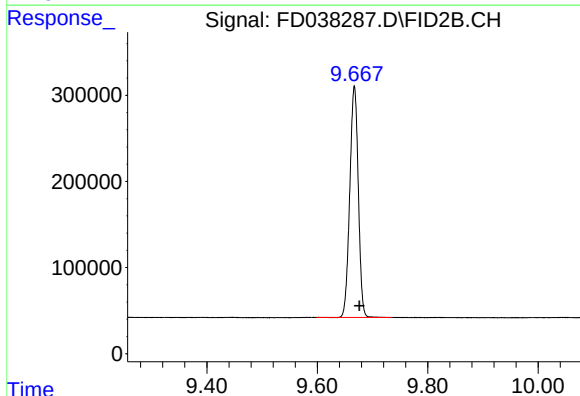
R.T.: 6.903 min  
Delta R.T.: -0.009 min  
Response: 3090799  
Conc: 22.44 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



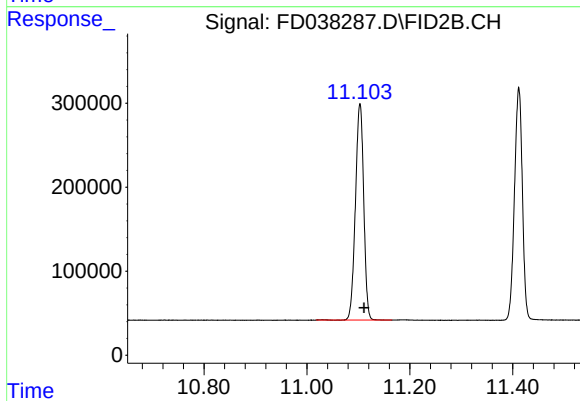
#6 n-Tetradecane (C14)

R.T.: 8.074 min  
Delta R.T.: -0.009 min  
Response: 2897191  
Conc: 22.54 ug/ml



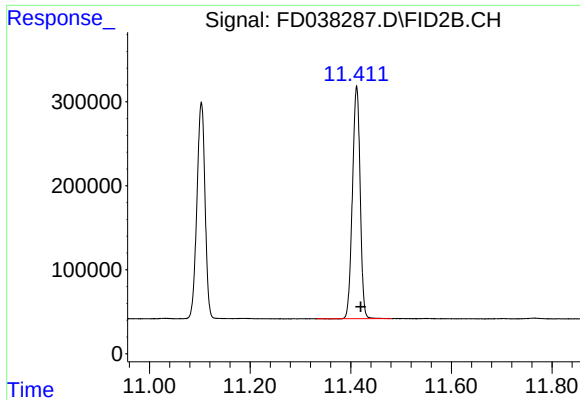
#7 n-Hexadecane (C16)

R.T.: 9.667 min  
Delta R.T.: -0.009 min  
Response: 2874826  
Conc: 22.18 ug/ml



#8 n-Octadecane (C18)

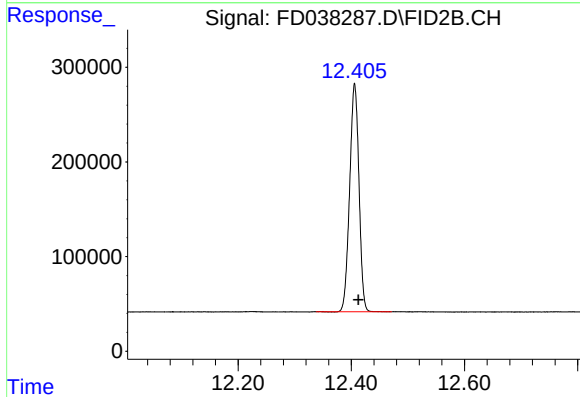
R.T.: 11.103 min  
Delta R.T.: -0.008 min  
Response: 2873534  
Conc: 21.34 ug/ml



#9 ortho-Terphenyl (SURR)

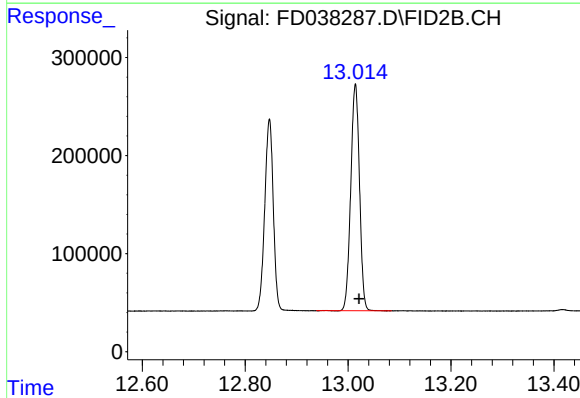
R.T.: 11.412 min  
Delta R.T.: -0.008 min  
Response: 2946358  
Conc: 20.38 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



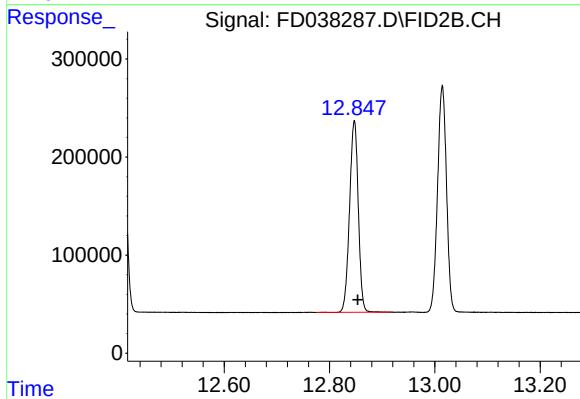
#10 n-Eicosane (C20)

R.T.: 12.406 min  
Delta R.T.: -0.007 min  
Response: 2752147  
Conc: 20.49 ug/ml



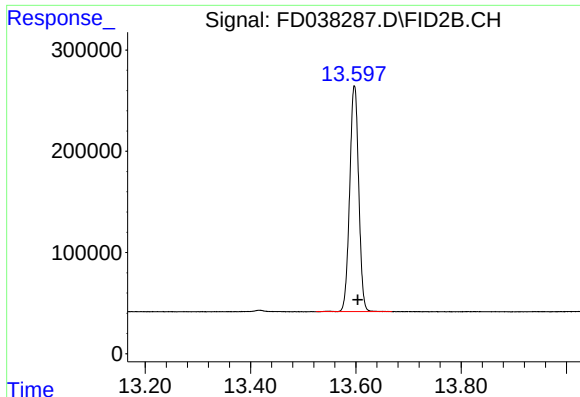
#11 n-Heneicosane (C21)

R.T.: 13.014 min  
Delta R.T.: -0.007 min  
Response: 2724176  
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

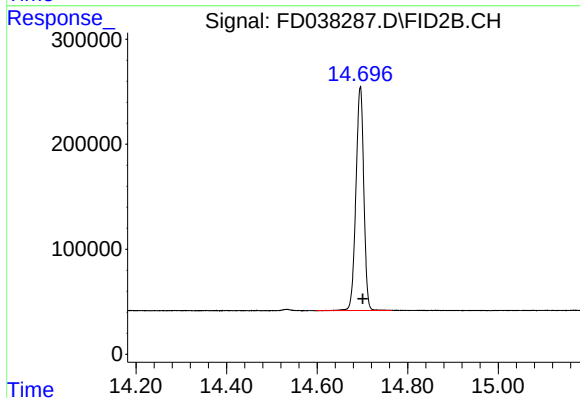
R.T.: 12.847 min  
Delta R.T.: -0.007 min  
Response: 2249124  
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

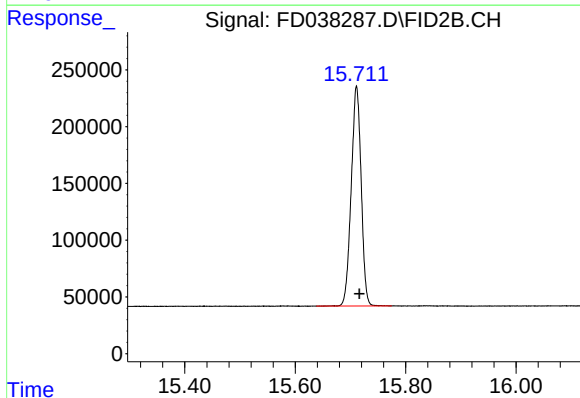
R.T.: 13.597 min  
Delta R.T.: -0.006 min  
Response: 2656239  
Conc: 19.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



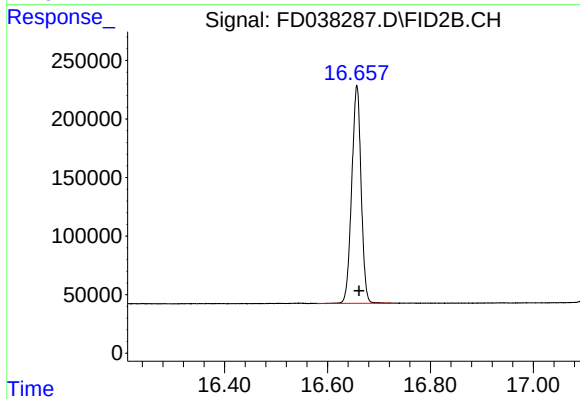
#14 n-Tetracosane (C24)

R.T.: 14.695 min  
Delta R.T.: -0.006 min  
Response: 2570603  
Conc: 19.04 ug/ml



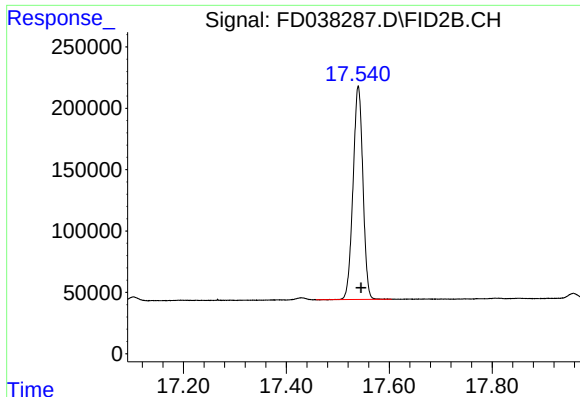
#15 n-Hexacosane (C26)

R.T.: 15.711 min  
Delta R.T.: -0.005 min  
Response: 2420352  
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

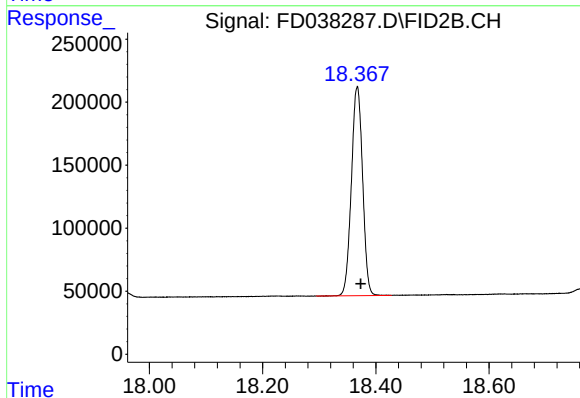
R.T.: 16.657 min  
Delta R.T.: -0.004 min  
Response: 2352512  
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

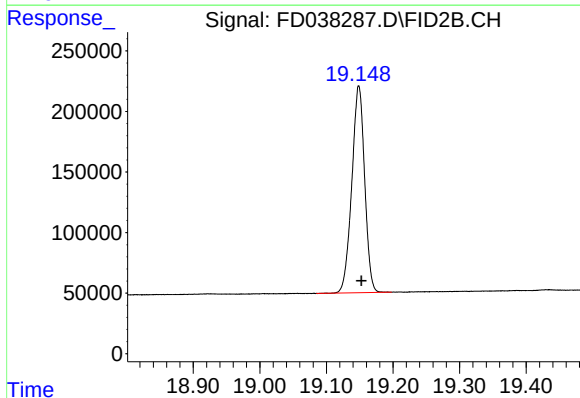
R.T.: 17.540 min  
Delta R.T.: -0.005 min  
Response: 2310839  
Conc: 18.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



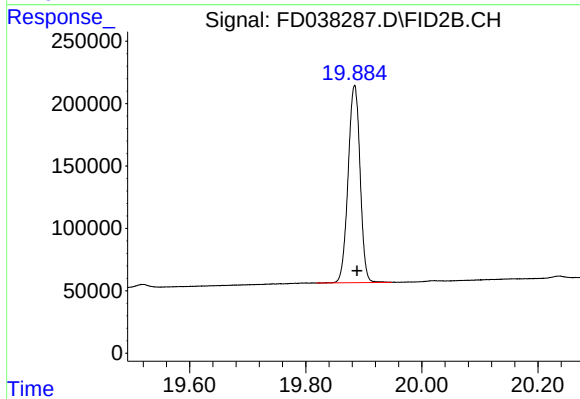
#18 n-Dotriacontane (C32)

R.T.: 18.367 min  
Delta R.T.: -0.006 min  
Response: 2277864  
Conc: 18.51 ug/ml



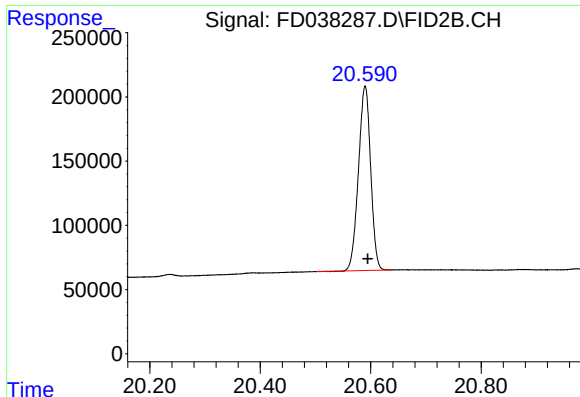
#19 n-Tetratriacontane (C34)

R.T.: 19.149 min  
Delta R.T.: -0.004 min  
Response: 2287206  
Conc: 19.53 ug/ml



#20 n-Hexatriacontane (C36)

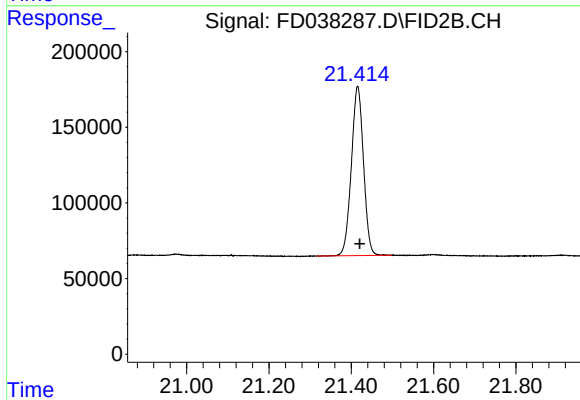
R.T.: 19.884 min  
Delta R.T.: -0.005 min  
Response: 2262190  
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min  
Delta R.T.: -0.005 min  
Response: 2199471  
Conc: 21.84 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.415 min  
Delta R.T.: -0.005 min  
Response: 2285556  
Conc: 23.37 ug/ml