

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072121AL\  
 Data File : FD038311.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Jul 2021 15:59  
 Operator : AJ\MA  
 Sample : FCS CHECK SOL 2  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 FCS CHECK SOL 2

Integration File: sample.E  
 Quant Time: Jul 22 01:09:35 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.845 | 1925520    | 16.889 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.225  | 3079792    | 25.345 ug/ml |
| 2) T n-Decane (C10)            | 4.282  | 4101727    | 33.535 ug/ml |
| 4) T n-Dodecane (C12)          | 6.288  | 5023026    | 40.329 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.074  | 5178047    | 40.287 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.668  | 5304449    | 40.934 ug/ml |
| 8) T n-Octadecane (C18)        | 11.103 | 5548522    | 41.200 ug/ml |
| 10) T n-Eicosane (C20)         | 12.407 | 5318340    | 39.595 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.016 | 5281619    | 38.875 ug/ml |
| 13) T n-Docosane (C22)         | 13.599 | 5166502    | 38.398 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.696 | 5053863    | 37.427 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.712 | 4791083    | 36.364 ug/ml |
| 16) T n-Octacosane (C28)       | 16.658 | 4589704    | 35.200 ug/ml |
| 17) T n-Tricontane (C30)       | 17.541 | 4461879    | 34.915 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.369 | 4335349    | 35.234 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.149 | 4162959    | 35.549 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.886 | 4015524    | 36.769 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.590 | 3872602    | 38.450 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.418 | 3883595    | 39.708 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

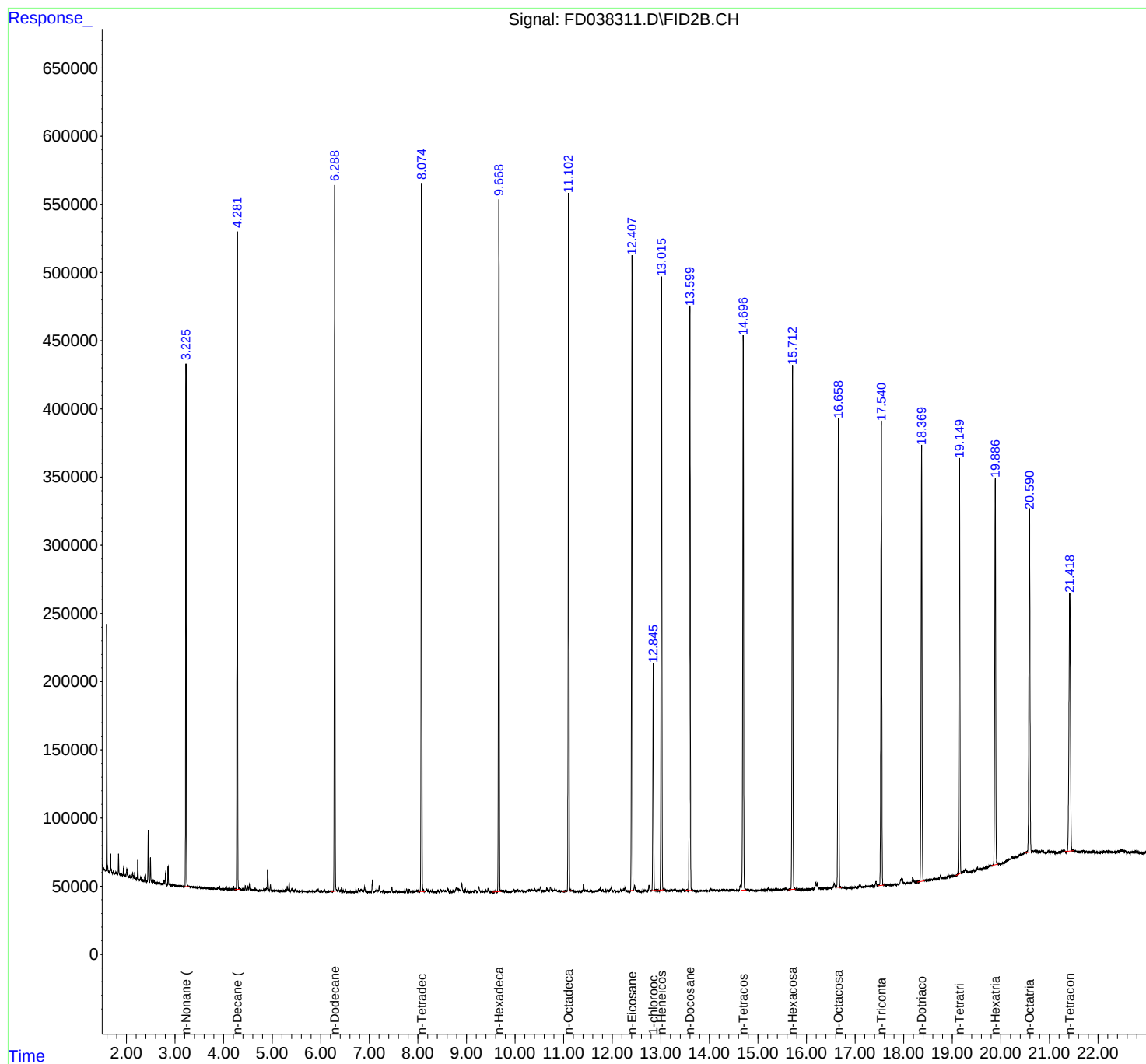
(m)=manual int.

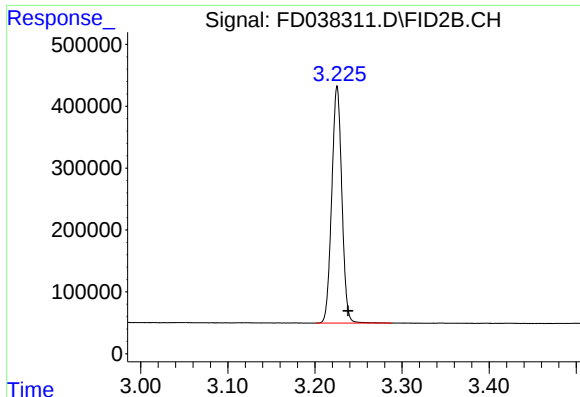
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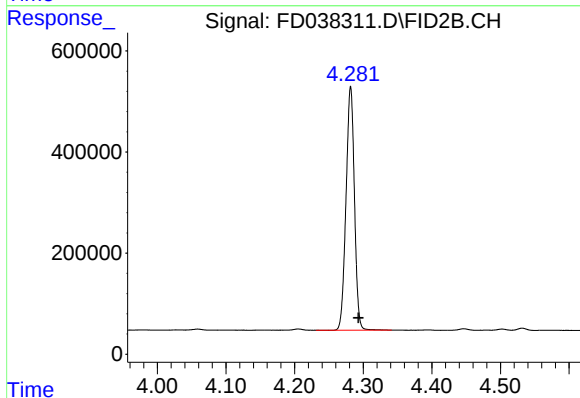




#1 n-Nonane (C9)

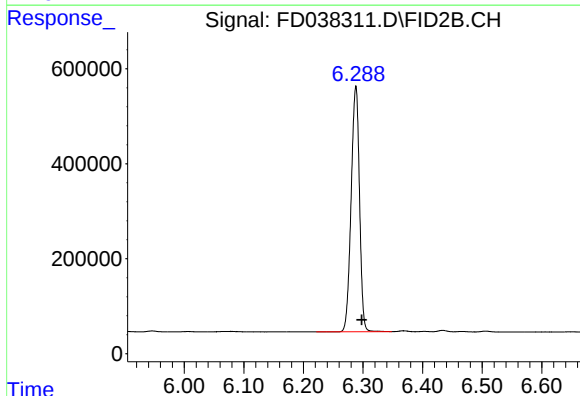
R.T.: 3.225 min  
Delta R.T.: -0.013 min  
Response: 3079792  
Conc: 25.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
FCS CHECK SOL 2



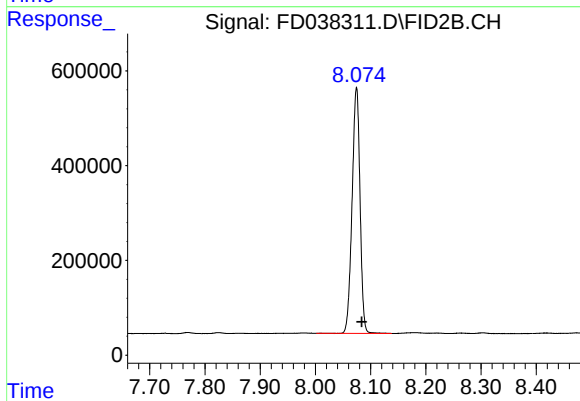
#2 n-Decane (C10)

R.T.: 4.282 min  
Delta R.T.: -0.011 min  
Response: 4101727  
Conc: 33.53 ug/ml



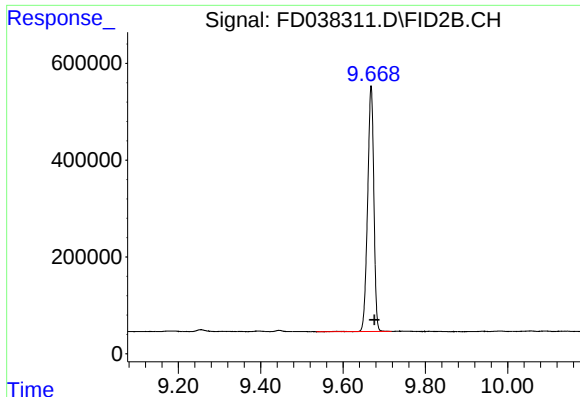
#4 n-Dodecane (C12)

R.T.: 6.288 min  
Delta R.T.: -0.010 min  
Response: 5023026  
Conc: 40.33 ug/ml



#6 n-Tetradecane (C14)

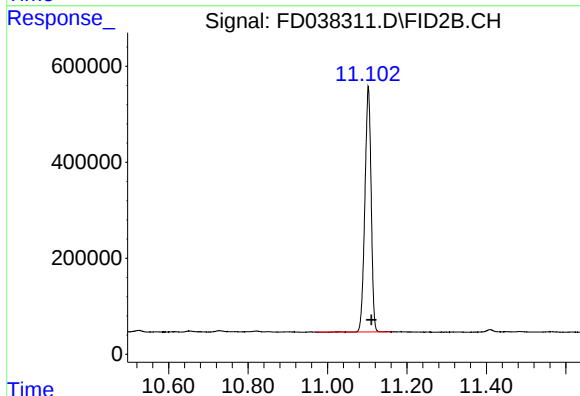
R.T.: 8.074 min  
Delta R.T.: -0.009 min  
Response: 5178047  
Conc: 40.29 ug/ml



#7 n-Hexadecane (C16)

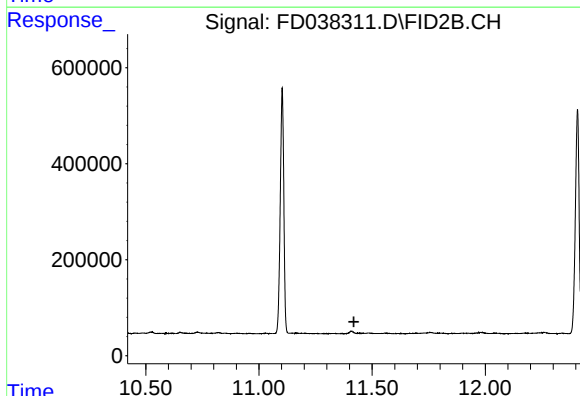
R.T.: 9.668 min  
Delta R.T.: -0.008 min  
Response: 5304449  
Conc: 40.93 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
FCS CHECK SOL 2



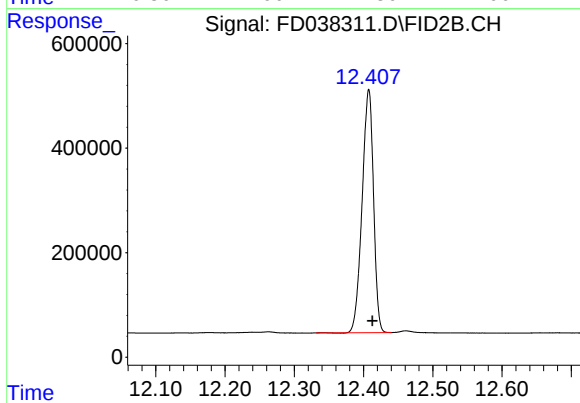
#8 n-Octadecane (C18)

R.T.: 11.103 min  
Delta R.T.: -0.008 min  
Response: 5548522  
Conc: 41.20 ug/ml



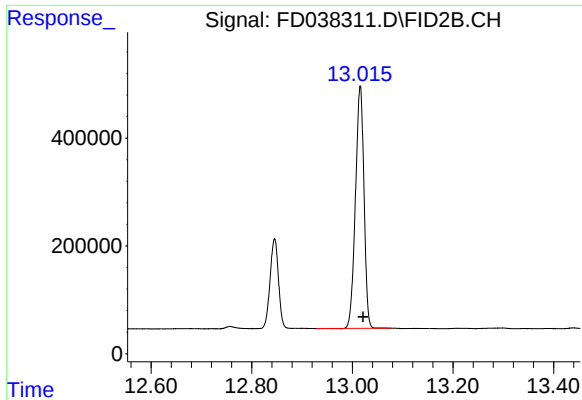
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.420 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

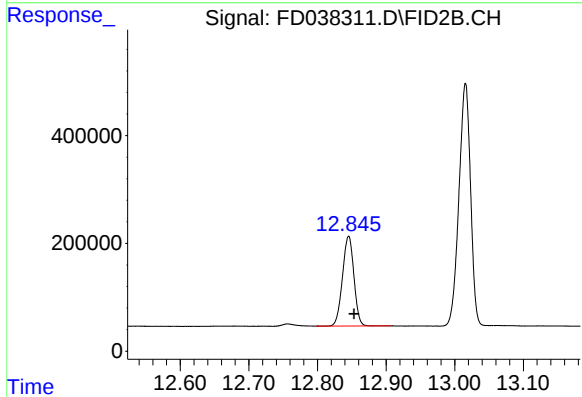
R.T.: 12.407 min  
Delta R.T.: -0.005 min  
Response: 5318340  
Conc: 39.60 ug/ml



#11 n-Heneicosane (C21)

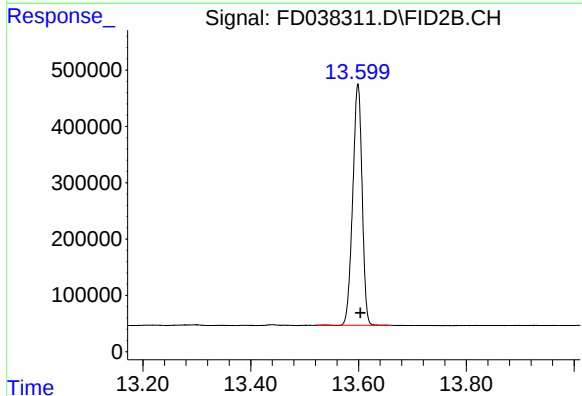
R.T.: 13.016 min  
Delta R.T.: -0.006 min  
Response: 5281619  
Conc: 38.88 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
FCS CHECK SOL 2



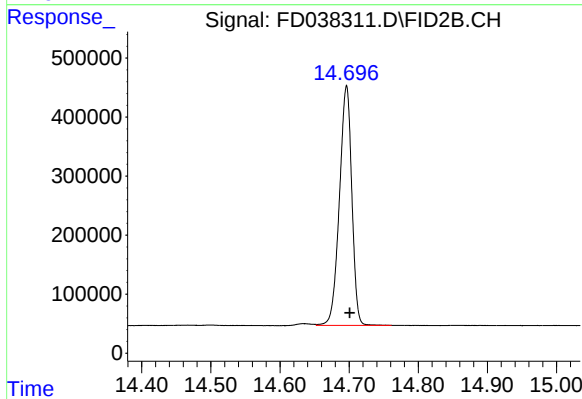
#12 1-chlorooctadecane (SURR)

R.T.: 12.845 min  
Delta R.T.: -0.008 min  
Response: 1925520  
Conc: 16.89 ug/ml



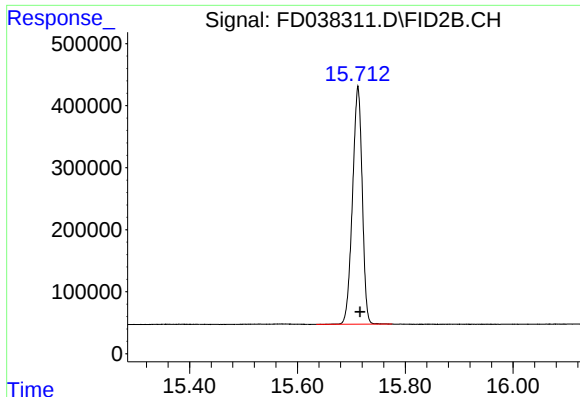
#13 n-Docosane (C22)

R.T.: 13.599 min  
Delta R.T.: -0.005 min  
Response: 5166502  
Conc: 38.40 ug/ml



#14 n-Tetracosane (C24)

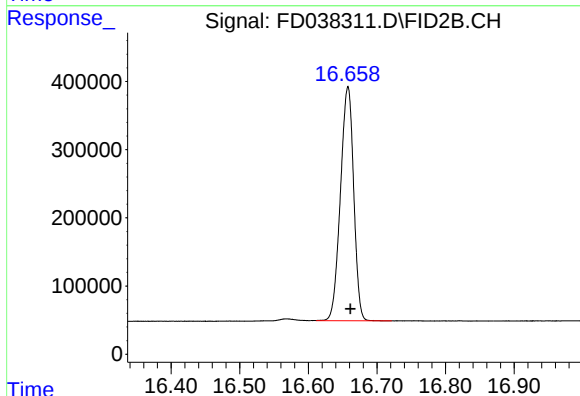
R.T.: 14.696 min  
Delta R.T.: -0.005 min  
Response: 5053863  
Conc: 37.43 ug/ml



#15 n-Hexacosane (C26)

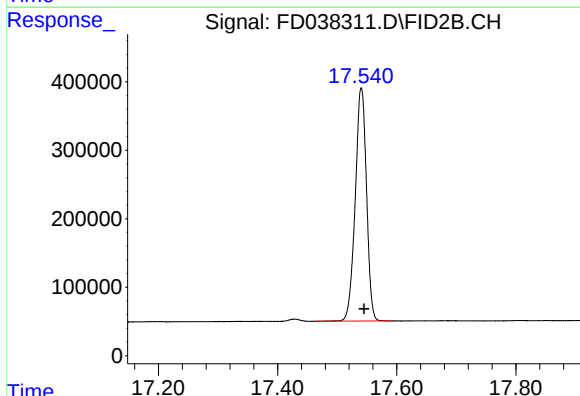
R.T.: 15.712 min  
Delta R.T.: -0.004 min  
Response: 4791083  
Conc: 36.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
FCS CHECK SOL 2



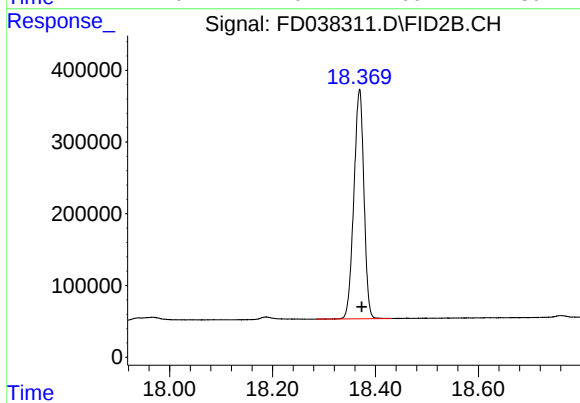
#16 n-Octacosane (C28)

R.T.: 16.658 min  
Delta R.T.: -0.004 min  
Response: 4589704  
Conc: 35.20 ug/ml



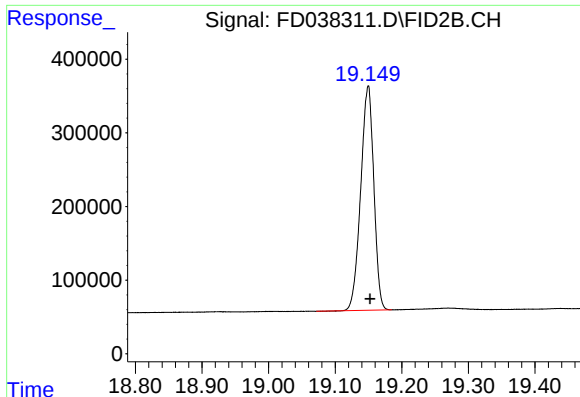
#17 n-Tricontane (C30)

R.T.: 17.541 min  
Delta R.T.: -0.004 min  
Response: 4461879  
Conc: 34.91 ug/ml



#18 n-Dotriacontane (C32)

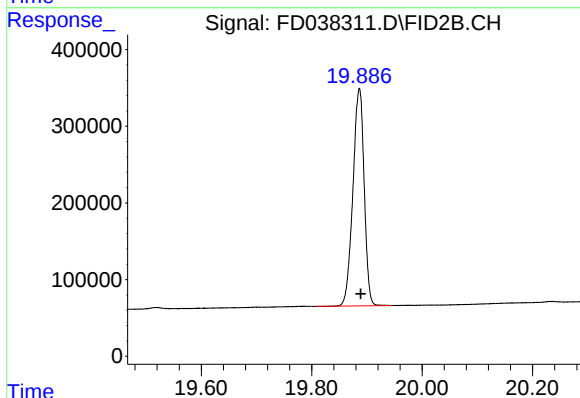
R.T.: 18.369 min  
Delta R.T.: -0.005 min  
Response: 4335349  
Conc: 35.23 ug/ml



#19 n-Tetratriacontane (C34)

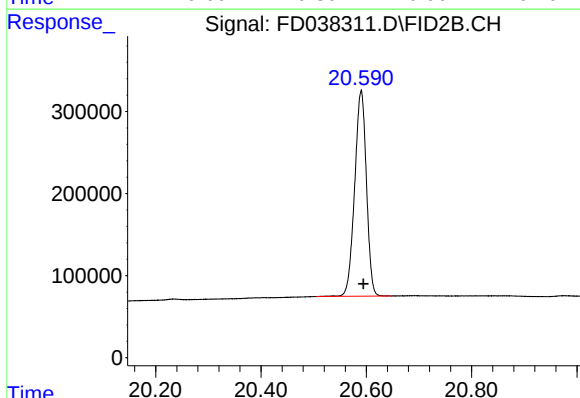
R.T.: 19.149 min  
Delta R.T.: -0.003 min  
Response: 4162959  
Conc: 35.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
FCS CHECK SOL 2



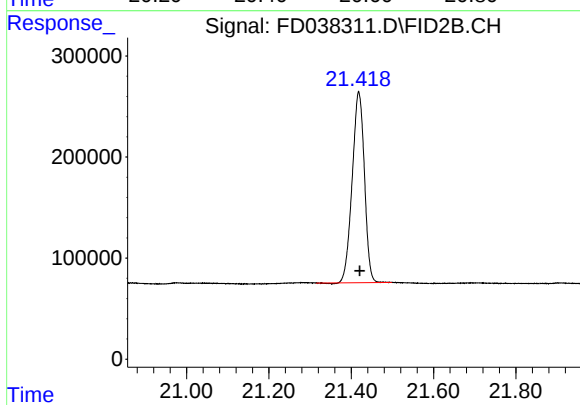
#20 n-Hexatriacontane (C36)

R.T.: 19.886 min  
Delta R.T.: -0.003 min  
Response: 4015524  
Conc: 36.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min  
Delta R.T.: -0.004 min  
Response: 3872602  
Conc: 38.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.418 min  
Delta R.T.: -0.002 min  
Response: 3883595  
Conc: 39.71 ug/ml