

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071421AL\  
 Data File : FD038206.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Jul 2021 3:29  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 15 04:45:27 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)    | 11.426 | 2537596    | 17.555 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.11%       |
| 12) S 1-chlorooctadecane (S... | 12.861 | 1966270    | 17.246 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.49%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.233  | 2442683    | 20.102 ug/ml |
| 2) T n-Decane (C10)            | 4.290  | 2481906    | 20.292 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.864  | 2742944    | 20.065 ug/ml |
| 4) T n-Dodecane (C12)          | 6.298  | 2516703    | 20.206 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.916  | 2730377    | 19.823 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.085  | 2559002    | 19.910 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.679  | 2526434    | 19.496 ug/ml |
| 8) T n-Octadecane (C18)        | 11.115 | 2513383    | 18.663 ug/ml |
| 10) T n-Eicosane (C20)         | 12.418 | 2400973    | 17.875 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.027 | 2374622    | 17.478 ug/ml |
| 13) T n-Docosane (C22)         | 13.611 | 2331942    | 17.331 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.709 | 2311451    | 17.118 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.725 | 2180012    | 16.546 ug/ml |
| 16) T n-Octacosane (C28)       | 16.670 | 2126655    | 16.310 ug/ml |
| 17) T n-Tricontane (C30)       | 17.554 | 2121512    | 16.601 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.383 | 2150134    | 17.474 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.162 | 2063349    | 17.620 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.899 | 1912107    | 17.509 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.606 | 2834147    | 28.139 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.440 | 1975645    | 20.200 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

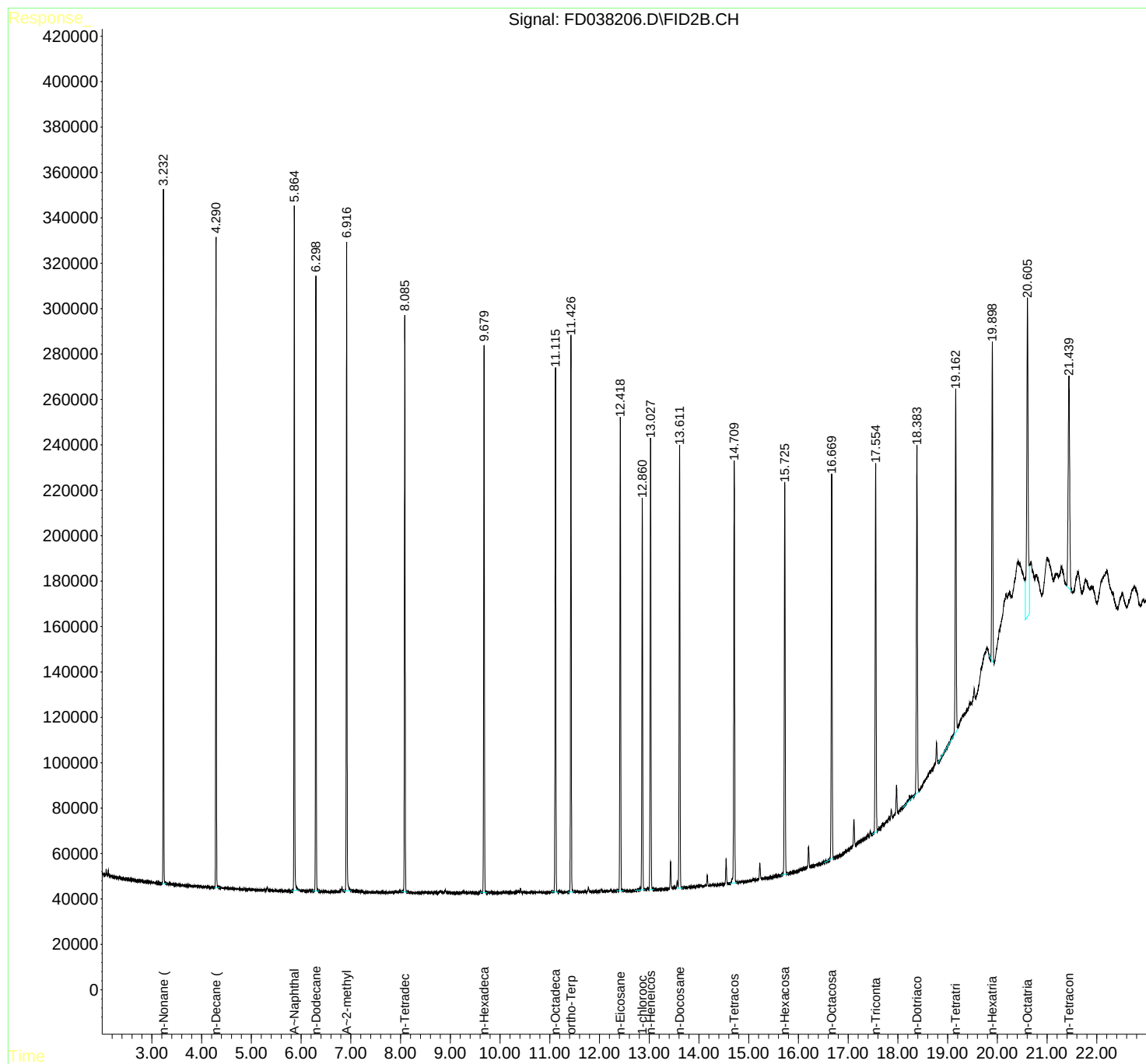
(m)=manual int.

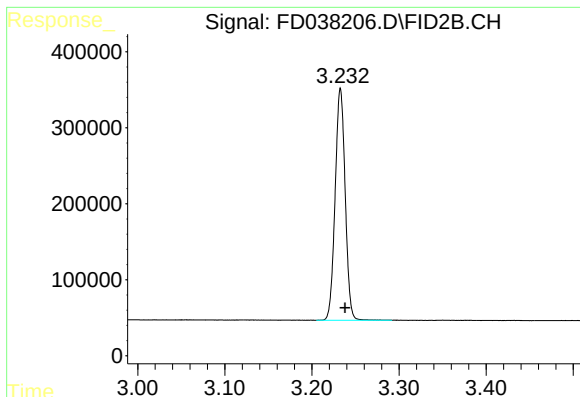
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071421AL\  
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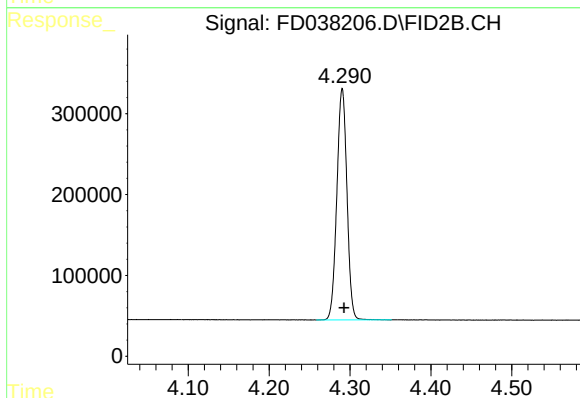




#1 n-Nonane (C9)

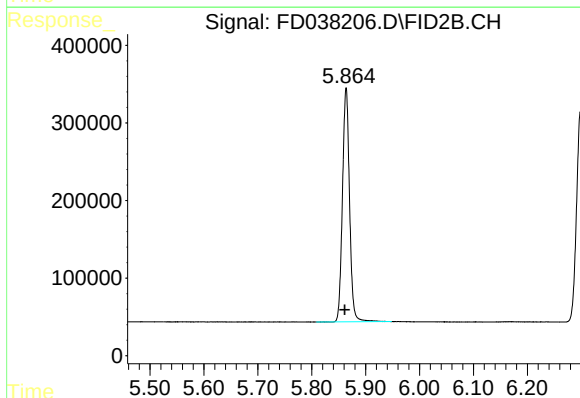
R.T.: 3.233 min  
Delta R.T.: -0.005 min  
Response: 2442683  
Conc: 20.10 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



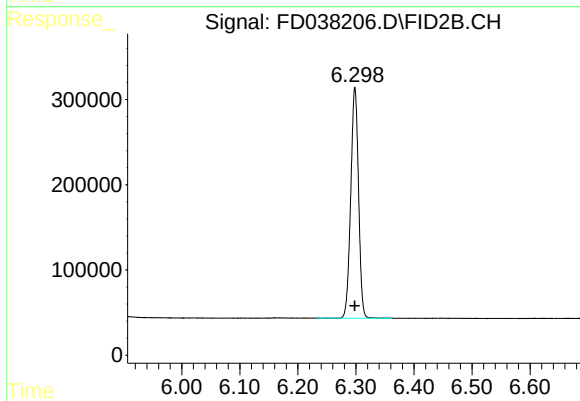
#2 n-Decane (C10)

R.T.: 4.290 min  
Delta R.T.: -0.002 min  
Response: 2481906  
Conc: 20.29 ug/ml



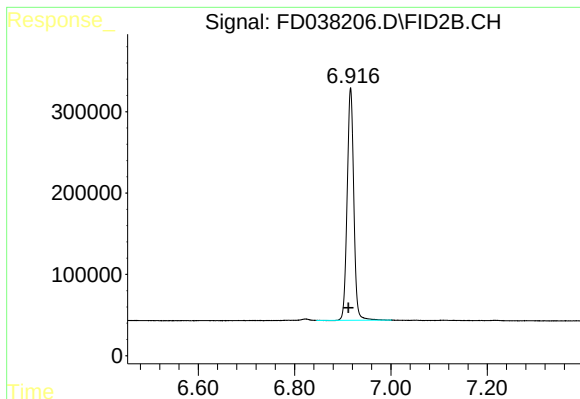
#3 A~Naphthalene (C11.7)

R.T.: 5.864 min  
Delta R.T.: 0.003 min  
Response: 2742944  
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

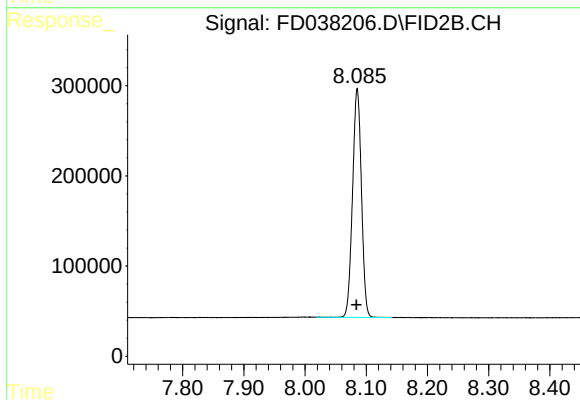
R.T.: 6.298 min  
Delta R.T.: 0.000 min  
Response: 2516703  
Conc: 20.21 ug/ml



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

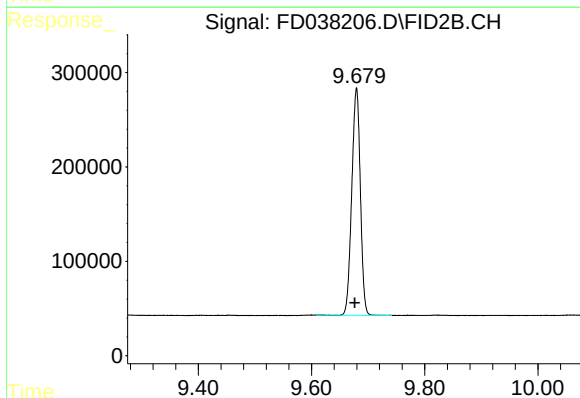
R.T.: 6.916 min  
Delta R.T.: 0.004 min  
Response: 2730377  
Conc: 19.82 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



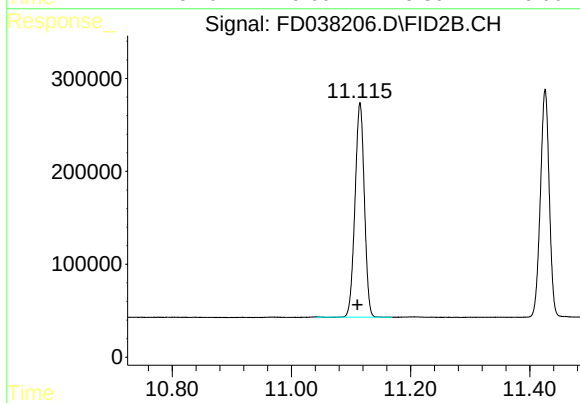
#6 n-Tetradecane (C14)

R.T.: 8.085 min  
Delta R.T.: 0.002 min  
Response: 2559002  
Conc: 19.91 ug/ml



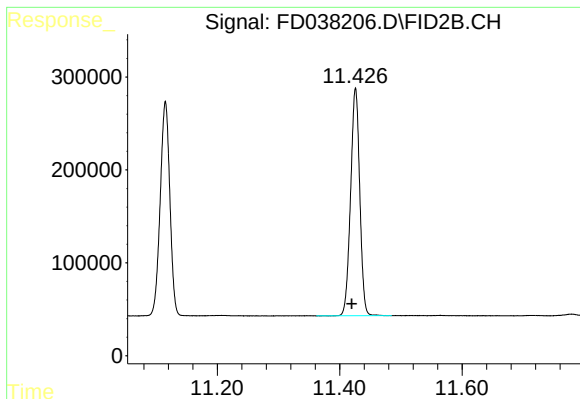
#7 n-Hexadecane (C16)

R.T.: 9.679 min  
Delta R.T.: 0.003 min  
Response: 2526434  
Conc: 19.50 ug/ml



#8 n-Octadecane (C18)

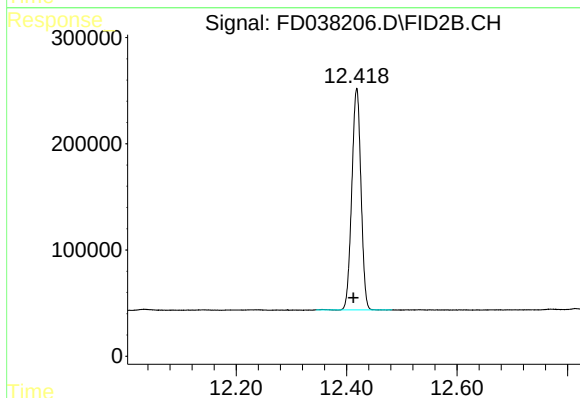
R.T.: 11.115 min  
Delta R.T.: 0.004 min  
Response: 2513383  
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

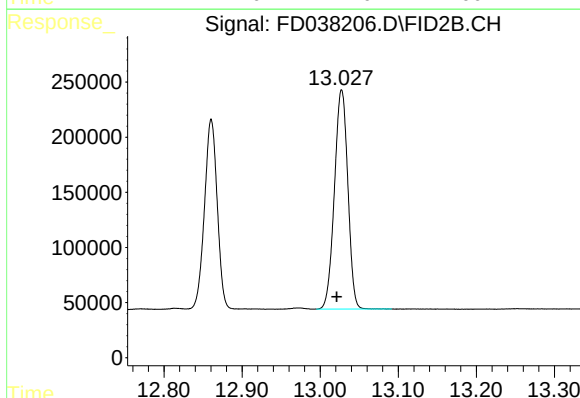
R.T.: 11.426 min  
Delta R.T.: 0.006 min  
Response: 2537596  
Conc: 17.56 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



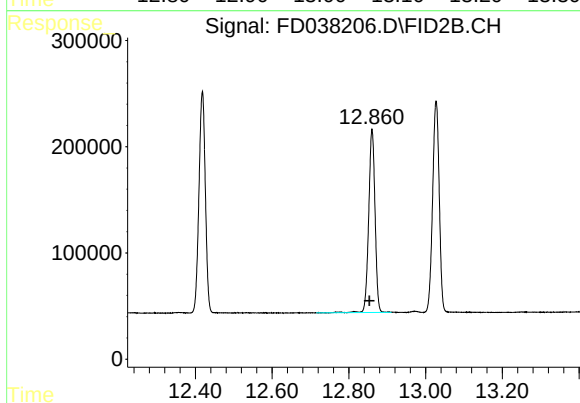
#10 n-Eicosane (C20)

R.T.: 12.418 min  
Delta R.T.: 0.006 min  
Response: 2400973  
Conc: 17.88 ug/ml



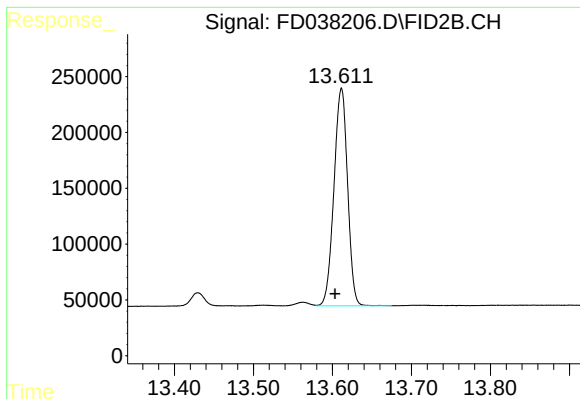
#11 n-Heneicosane (C21)

R.T.: 13.027 min  
Delta R.T.: 0.006 min  
Response: 2374622  
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

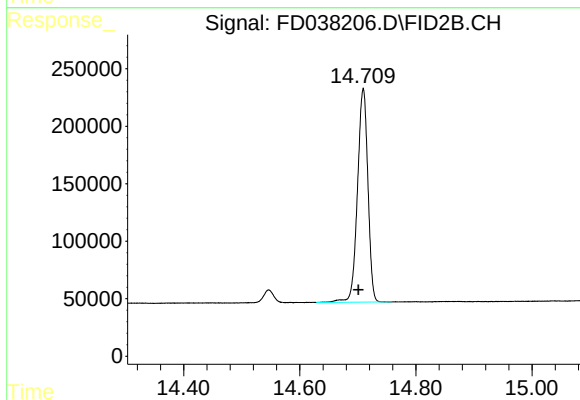
R.T.: 12.861 min  
Delta R.T.: 0.007 min  
Response: 1966270  
Conc: 17.25 ug/ml



#13 n-Docosane (C22)

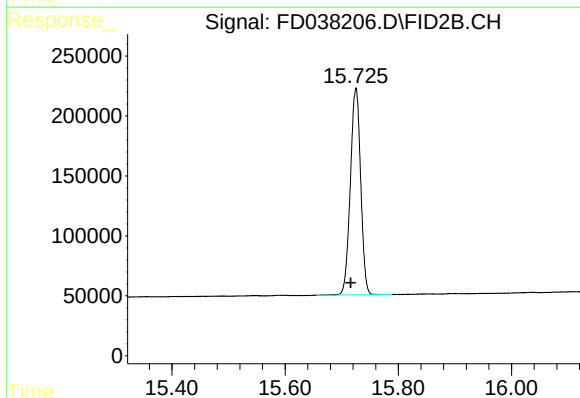
R.T.: 13.611 min  
Delta R.T.: 0.008 min  
Response: 2331942  
Conc: 17.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



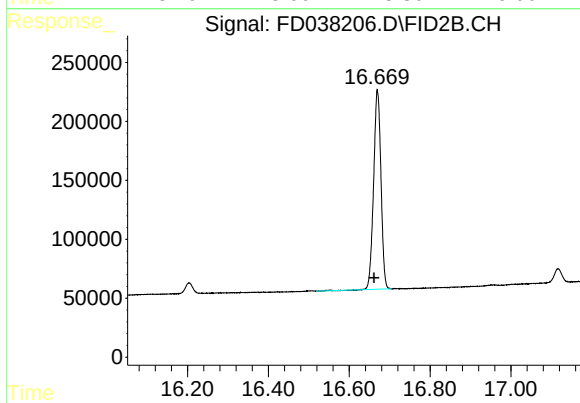
#14 n-Tetracosane (C24)

R.T.: 14.709 min  
Delta R.T.: 0.008 min  
Response: 2311451  
Conc: 17.12 ug/ml



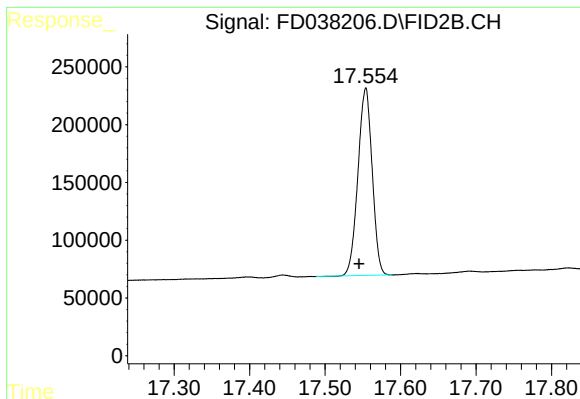
#15 n-Hexacosane (C26)

R.T.: 15.725 min  
Delta R.T.: 0.009 min  
Response: 2180012  
Conc: 16.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.670 min  
Delta R.T.: 0.009 min  
Response: 2126655  
Conc: 16.31 ug/ml



#17 n-Tricontane (C30)

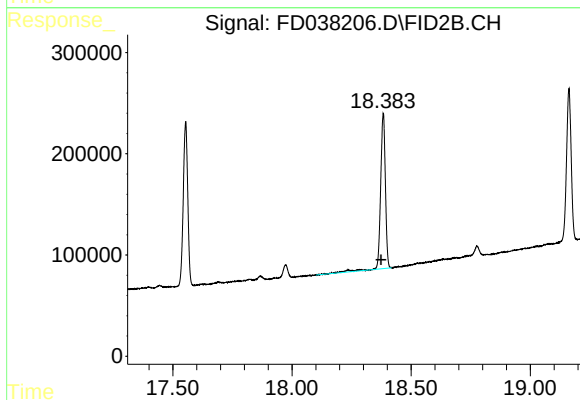
R.T.: 17.554 min

Delta R.T.: 0.009 min

Response: 2121512

Conc: 16.60 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



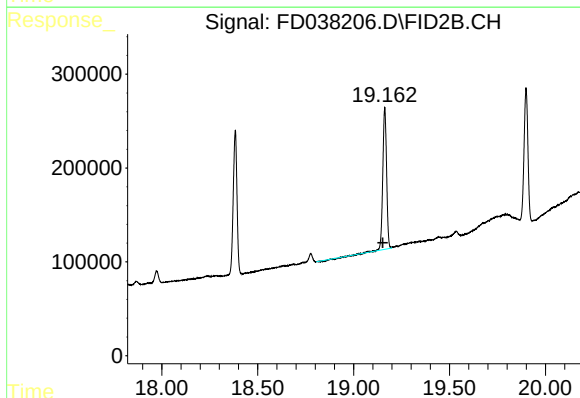
#18 n-Dotriacontane (C32)

R.T.: 18.383 min

Delta R.T.: 0.010 min

Response: 2150134

Conc: 17.47 ug/ml



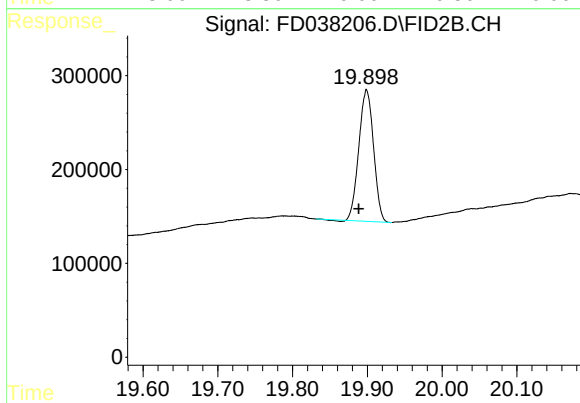
#19 n-Tetratriacontane (C34)

R.T.: 19.162 min

Delta R.T.: 0.010 min

Response: 2063349

Conc: 17.62 ug/ml



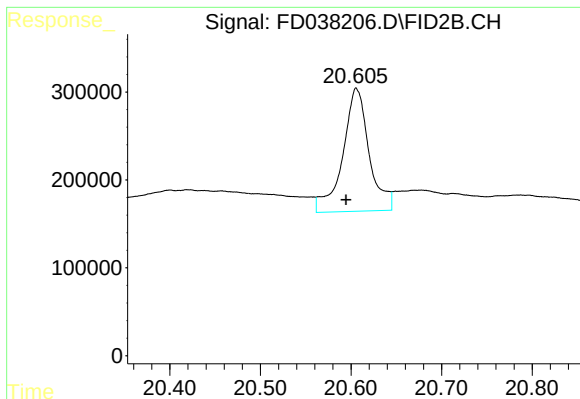
#20 n-Hexatriacontane (C36)

R.T.: 19.899 min

Delta R.T.: 0.010 min

Response: 1912107

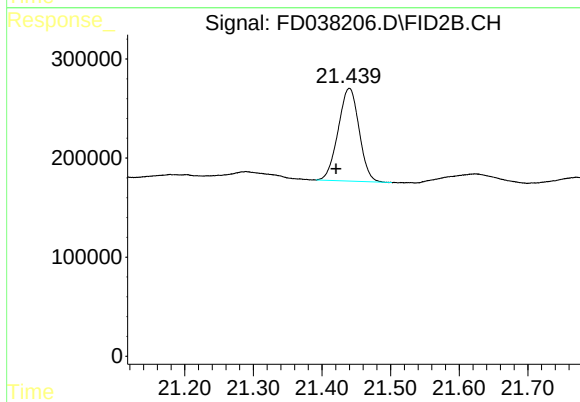
Conc: 17.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min  
Delta R.T.: 0.012 min  
Response: 2834147  
Conc: 28.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.440 min  
Delta R.T.: 0.019 min  
Response: 1975645  
Conc: 20.20 ug/ml