

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121218AL\  
 Data File : FC038137.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Dec 2018 00:54  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :

Integration File: sample.E  
 Quant Time: Dec 12 01:14:55 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 121018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 11 15:29:14 2018  
 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)    | 11.284 | 2583193    | 19.815 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.63%       |
| 12) S 1-chlorooctadecane (S... | 12.726 | 1968435    | 19.524 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.05%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.121  | 2263686    | 21.767 ug/ml |
| 2) T n-Decane (C10)            | 4.177  | 2295743    | 21.920 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.738  | 2662032    | 22.662 ug/ml |
| 4) T n-Dodecane (C12)          | 6.182  | 2374670    | 21.996 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.786  | 2560847    | 21.794 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.964  | 2388249    | 21.383 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.553  | 2373261    | 20.572 ug/ml |
| 8) T n-Octadecane (C18)        | 10.986 | 2363474    | 19.552 ug/ml |
| 10) T n-Eicosane (C20)         | 12.288 | 2329453    | 19.394 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.897 | 2309179    | 19.900 ug/ml |
| 13) T n-Docosane (C22)         | 13.479 | 2346841    | 20.306 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.578 | 2305651    | 20.081 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.593 | 2317079    | 20.598 ug/ml |
| 16) T n-Octacosane (C28)       | 16.539 | 2309481    | 20.547 ug/ml |
| 17) T n-Tricontane (C30)       | 17.423 | 2355073    | 21.459 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.252 | 2543606    | 24.834 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.032 | 2487522    | 28.227 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.767 | 2751623    | 35.123 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.470 | 3382755    | 43.715 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.271 | 3459798    | 39.593 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

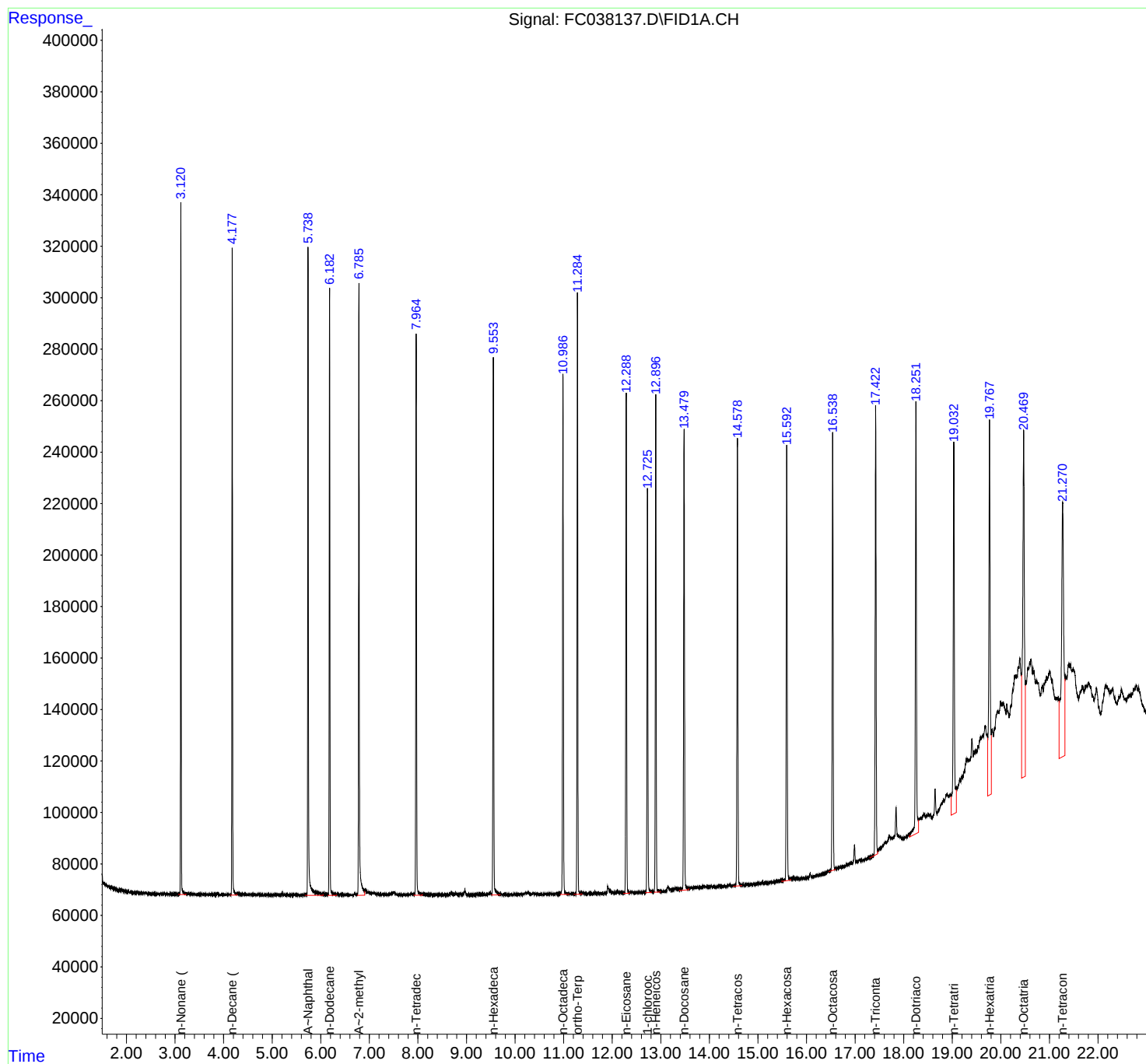
(m)=manual int.

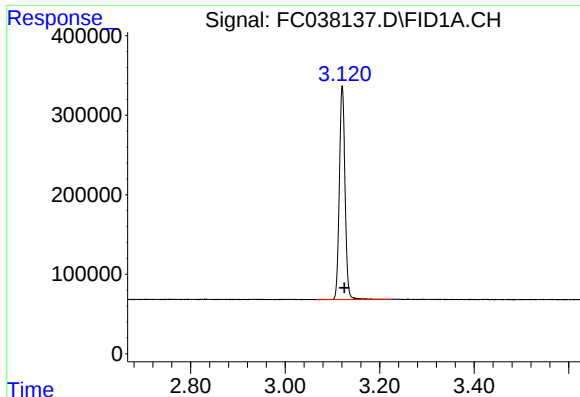
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121218AL\  
Data File : FC038137.D  
Signal(s) : FID1A.CH  
Acq On : 12 Dec 2018 00:54  
Operator : AJ\SJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampled :

Integration File: sample.E  
Quant Time: Dec 12 01:14:55 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121018.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 11 15:29:14 2018  
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

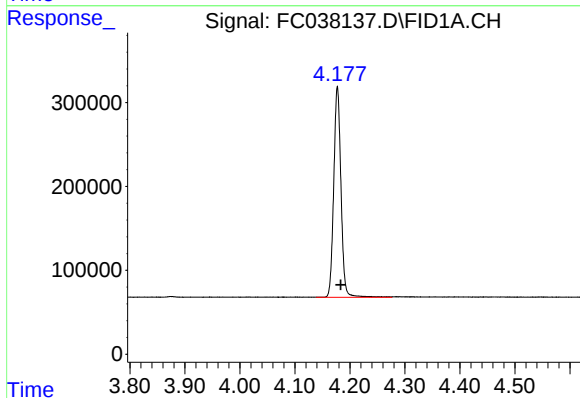




#1 n-Nonane (C9)

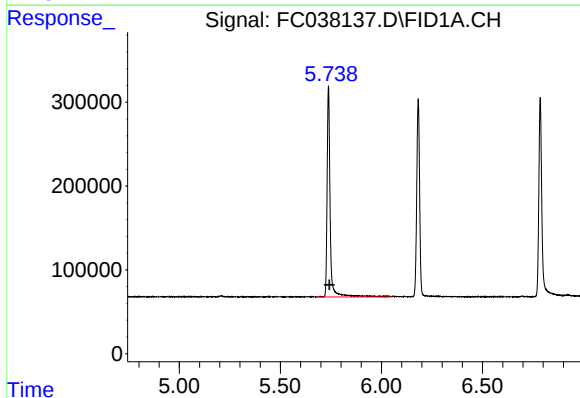
R.T.: 3.121 min  
Delta R.T.: -0.004 min  
Response: 2263686  
Conc: 21.77 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



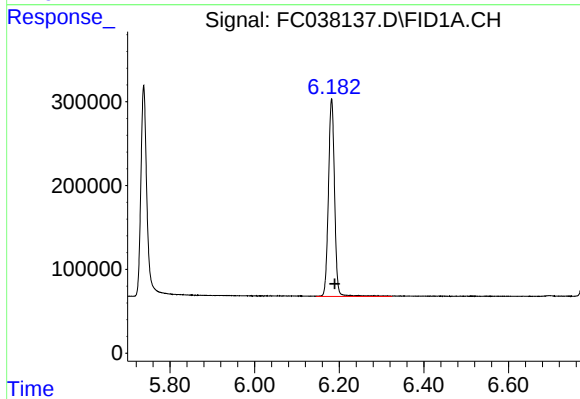
#2 n-Decane (C10)

R.T.: 4.177 min  
Delta R.T.: -0.006 min  
Response: 2295743  
Conc: 21.92 ug/ml



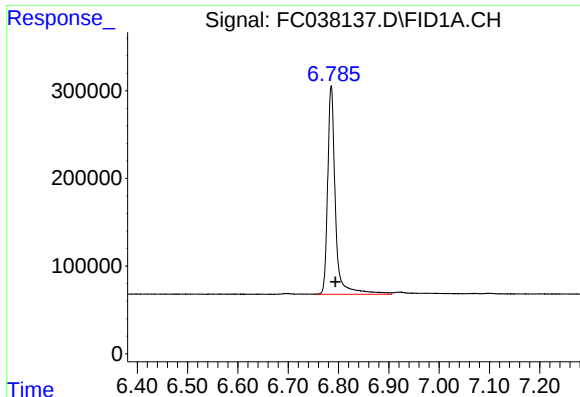
#3 A~Naphthalene (C11.7)

R.T.: 5.738 min  
Delta R.T.: -0.006 min  
Response: 2662032  
Conc: 22.66 ug/ml



#4 n-Dodecane (C12)

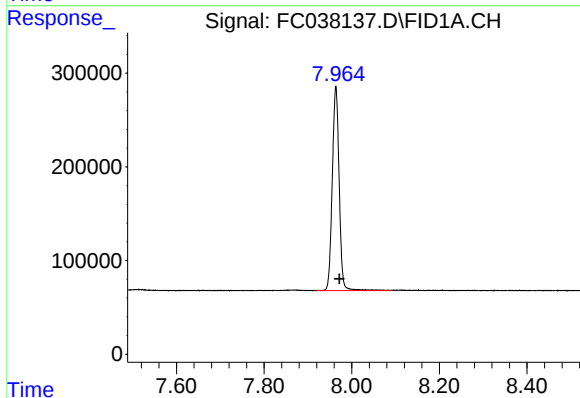
R.T.: 6.182 min  
Delta R.T.: -0.008 min  
Response: 2374670  
Conc: 22.00 ug/ml



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

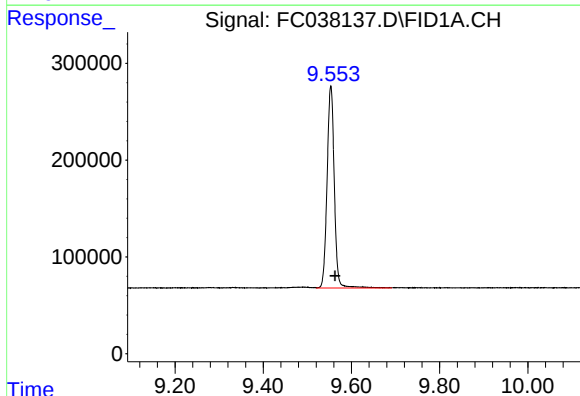
R.T.: 6.786 min  
Delta R.T.: -0.008 min  
Response: 2560847  
Conc: 21.79 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



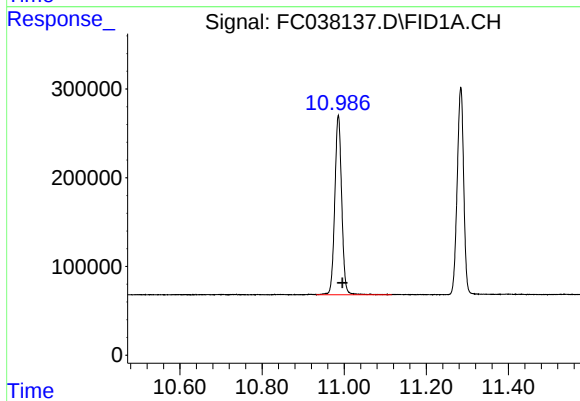
#6 n-Tetradecane (C14)

R.T.: 7.964 min  
Delta R.T.: -0.008 min  
Response: 2388249  
Conc: 21.38 ug/ml



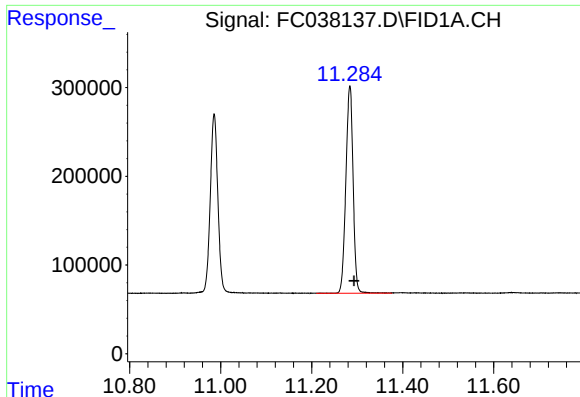
#7 n-Hexadecane (C16)

R.T.: 9.553 min  
Delta R.T.: -0.009 min  
Response: 2373261  
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

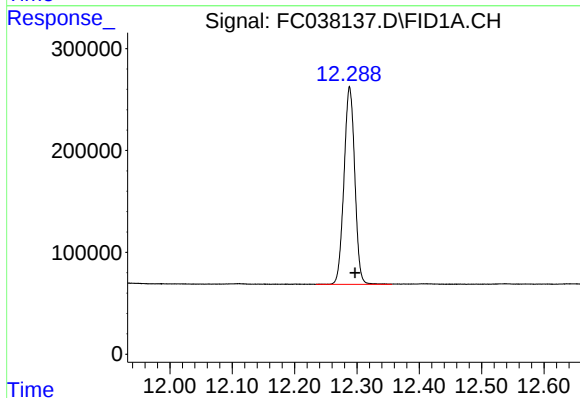
R.T.: 10.986 min  
Delta R.T.: -0.010 min  
Response: 2363474  
Conc: 19.55 ug/ml



#9 ortho-Terphenyl (SURR)

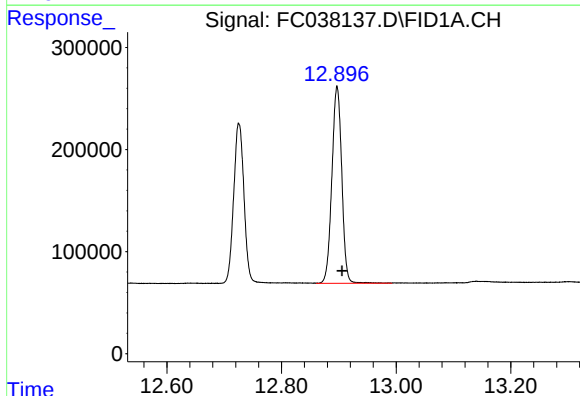
R.T.: 11.284 min  
Delta R.T.: -0.010 min  
Response: 2583193  
Conc: 19.81 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



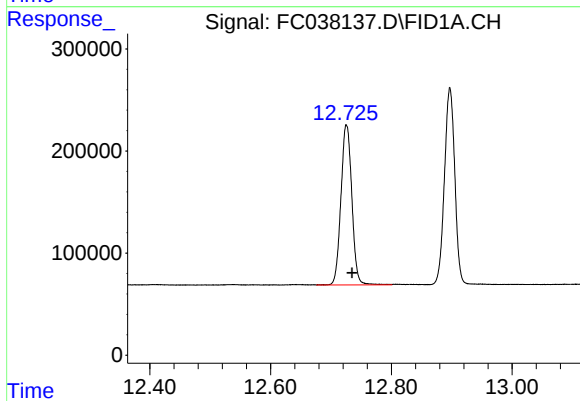
#10 n-Eicosane (C20)

R.T.: 12.288 min  
Delta R.T.: -0.009 min  
Response: 2329453  
Conc: 19.39 ug/ml



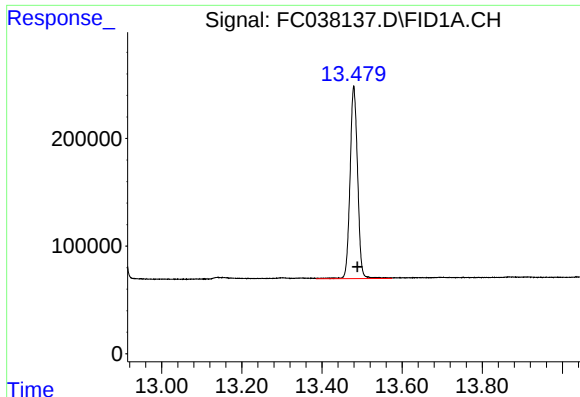
#11 n-Heneicosane (C21)

R.T.: 12.897 min  
Delta R.T.: -0.009 min  
Response: 2309179  
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

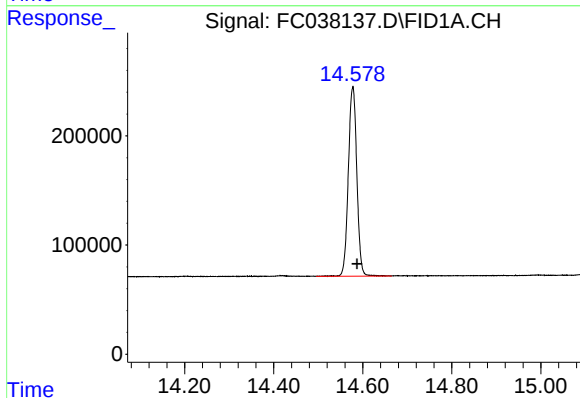
R.T.: 12.726 min  
Delta R.T.: -0.009 min  
Response: 1968435  
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

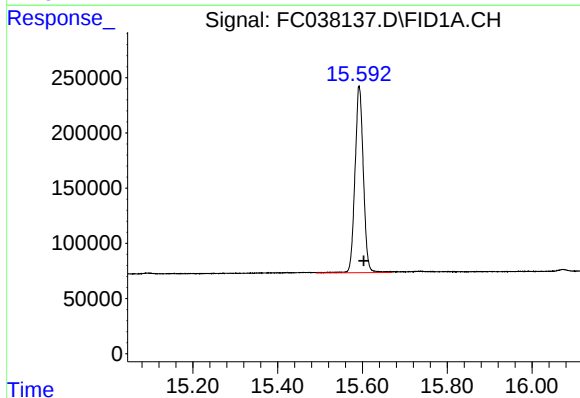
R.T.: 13.479 min  
Delta R.T.: -0.010 min  
Response: 2346841  
Conc: 20.31 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



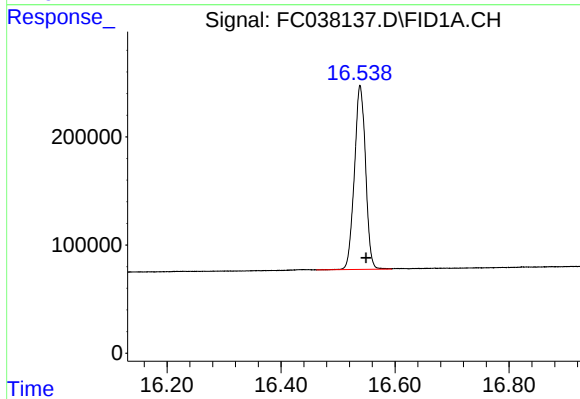
#14 n-Tetracosane (C24)

R.T.: 14.578 min  
Delta R.T.: -0.009 min  
Response: 2305651  
Conc: 20.08 ug/ml



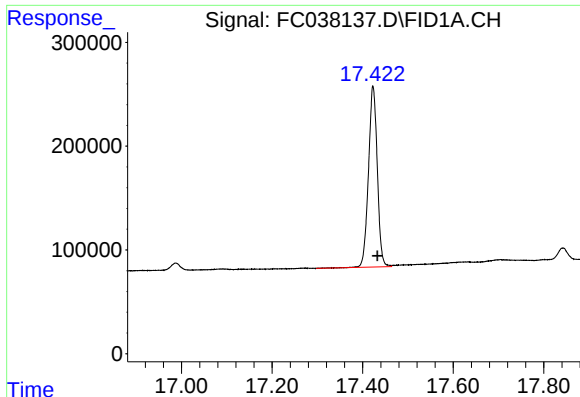
#15 n-Hexacosane (C26)

R.T.: 15.593 min  
Delta R.T.: -0.010 min  
Response: 2317079  
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

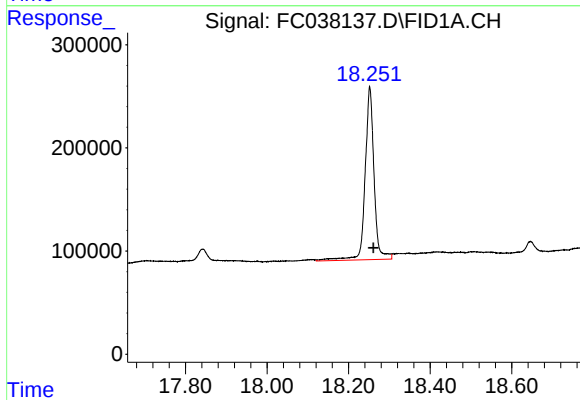
R.T.: 16.539 min  
Delta R.T.: -0.010 min  
Response: 2309481  
Conc: 20.55 ug/ml



#17 n-Tricontane (C30)

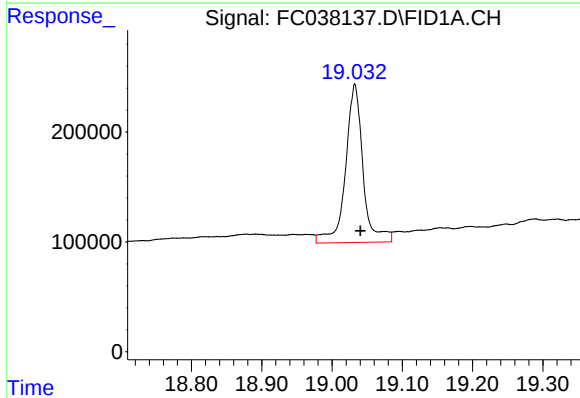
R.T.: 17.423 min  
Delta R.T.: -0.010 min  
Response: 2355073  
Conc: 21.46 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



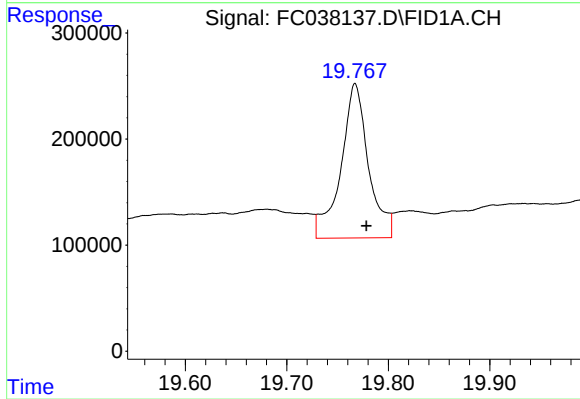
#18 n-Dotriacontane (C32)

R.T.: 18.252 min  
Delta R.T.: -0.009 min  
Response: 2543606  
Conc: 24.83 ug/ml



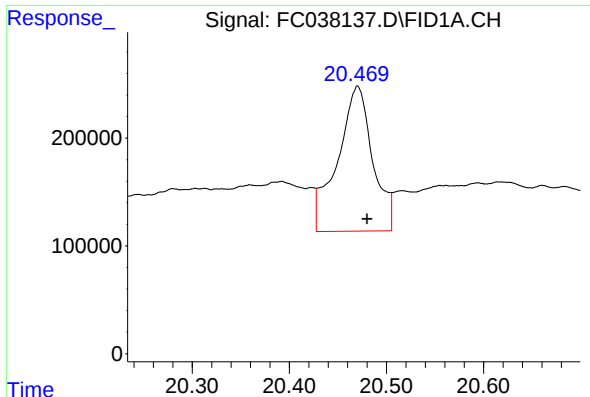
#19 n-Tetratriacontane (C34)

R.T.: 19.032 min  
Delta R.T.: -0.008 min  
Response: 2487522  
Conc: 28.23 ug/ml



#20 n-Hexatriacontane (C36)

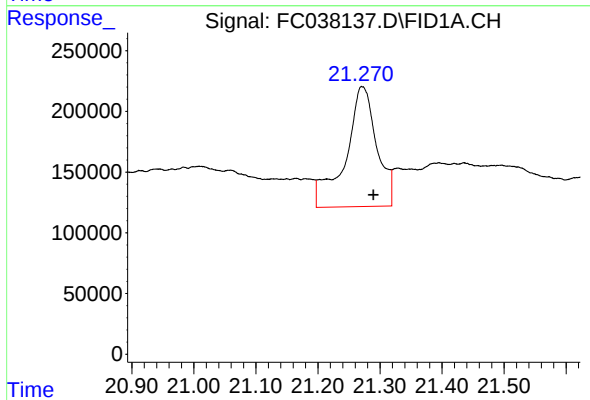
R.T.: 19.767 min  
Delta R.T.: -0.011 min  
Response: 2751623  
Conc: 35.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.470 min  
Delta R.T.: -0.010 min  
Response: 3382755  
Conc: 43.71 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.271 min  
Delta R.T.: -0.018 min  
Response: 3459798  
Conc: 39.59 ug/ml