

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092719AL\  
 Data File : FC043700.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Sep 2019 6:01  
 Operator : DD\AJ  
 Sample : FCS CHECK SOL 3  
 Misc : LOT#M00793  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 FCS CHECK SOL 3

Integration File: autoint1.e  
 Quant Time: Sep 28 06:32:22 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 10:57:53 2019  
 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... | 13.004 | 5515069    | 46.517 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 93.03%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.431  | 6252738    | 51.717 ug/ml |
| 2) T n-Decane (C10)            | 4.485  | 6420907    | 53.048 ug/ml |
| 4) T n-Dodecane (C12)          | 6.477  | 6670271    | 52.738 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.251  | 6852667    | 53.237 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.835  | 6884074    | 52.282 ug/ml |
| 8) T n-Octadecane (C18)        | 11.264 | 6921363    | 50.746 ug/ml |
| 10) T n-Eicosane (C20)         | 12.562 | 6806348    | 48.765 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.169 | 6801652    | 47.860 ug/ml |
| 13) T n-Docosane (C22)         | 13.751 | 6702257    | 47.170 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.845 | 6508335    | 45.335 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.859 | 6226979    | 43.546 ug/ml |
| 16) T n-Octacosane (C28)       | 16.802 | 5948654    | 41.964 ug/ml |
| 17) T n-Tricontane (C30)       | 17.686 | 5743405    | 40.952 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.512 | 5397408    | 40.632 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.290 | 5218818    | 41.770 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.027 | 4749194    | 41.088 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.750 | 4871811    | 45.774 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.635 | 5023830    | 48.048 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

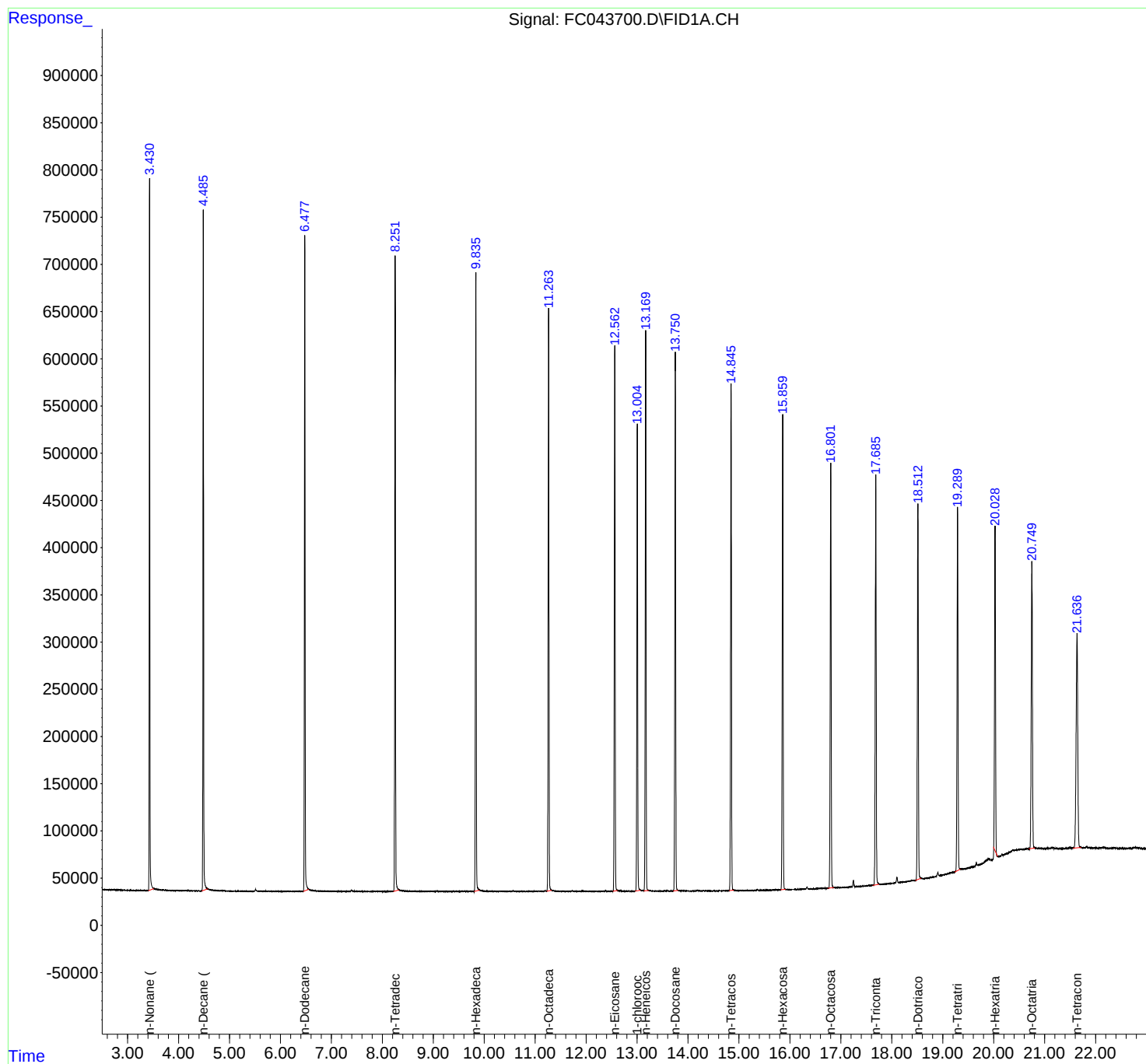
(m)=manual int.

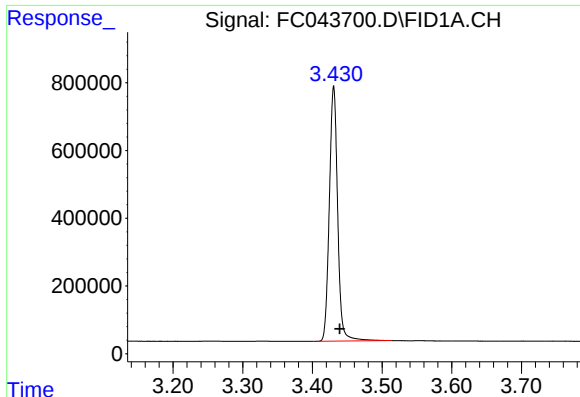
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092719AL\  
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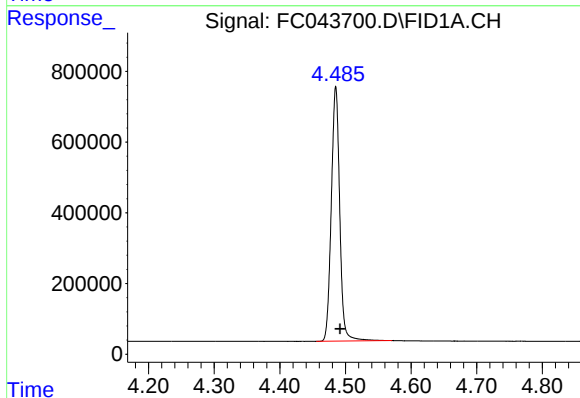




#1 n-Nonane (C9)

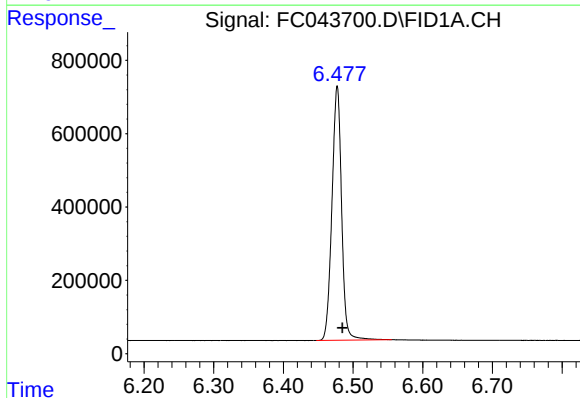
R.T.: 3.431 min  
Delta R.T.: -0.008 min  
Response: 6252738  
Conc: 51.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
FCS CHECK SOL 3



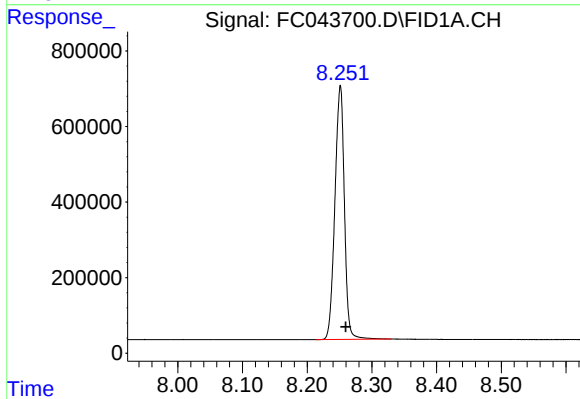
#2 n-Decane (C10)

R.T.: 4.485 min  
Delta R.T.: -0.007 min  
Response: 6420907  
Conc: 53.05 ug/ml



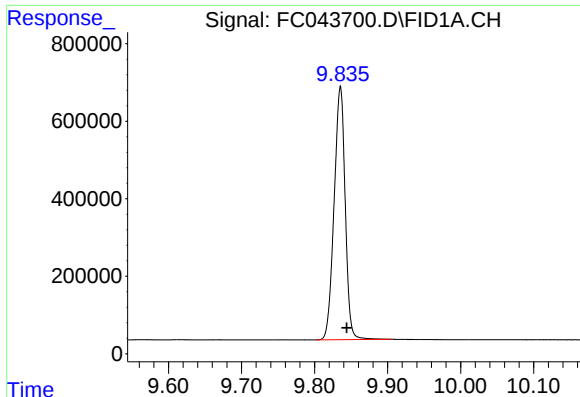
#4 n-Dodecane (C12)

R.T.: 6.477 min  
Delta R.T.: -0.007 min  
Response: 6670271  
Conc: 52.74 ug/ml



#6 n-Tetradecane (C14)

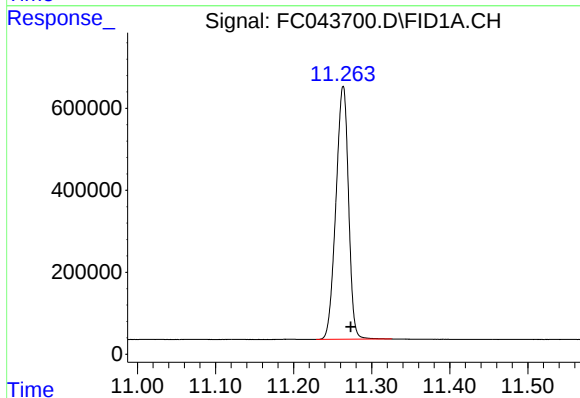
R.T.: 8.251 min  
Delta R.T.: -0.008 min  
Response: 6852667  
Conc: 53.24 ug/ml



#7 n-Hexadecane (C16)

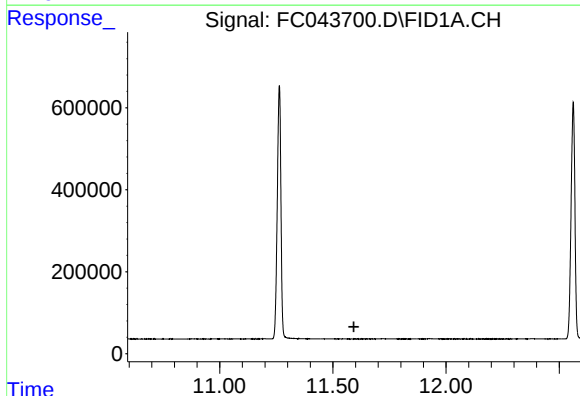
R.T.: 9.835 min  
Delta R.T.: -0.009 min  
Response: 6884074  
Conc: 52.28 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
FCS CHECK SOL 3



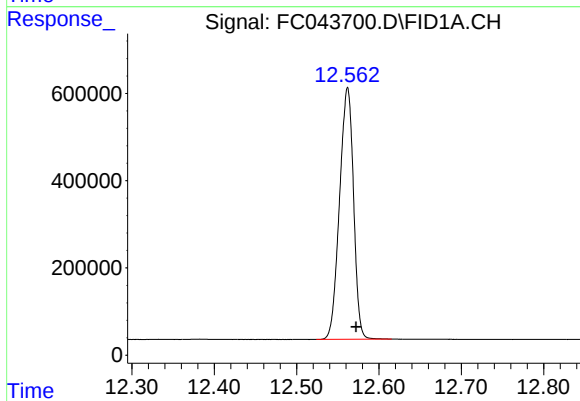
#8 n-Octadecane (C18)

R.T.: 11.264 min  
Delta R.T.: -0.010 min  
Response: 6921363  
Conc: 50.75 ug/ml



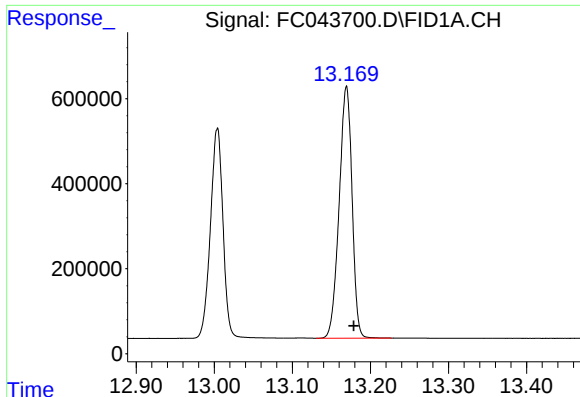
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.593 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

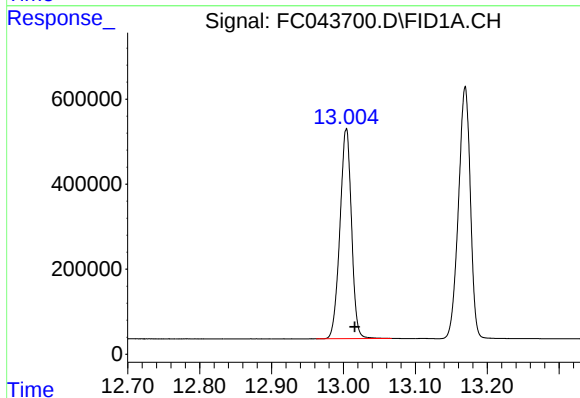
R.T.: 12.562 min  
Delta R.T.: -0.010 min  
Response: 6806348  
Conc: 48.76 ug/ml



#11 n-Heneicosane (C21)

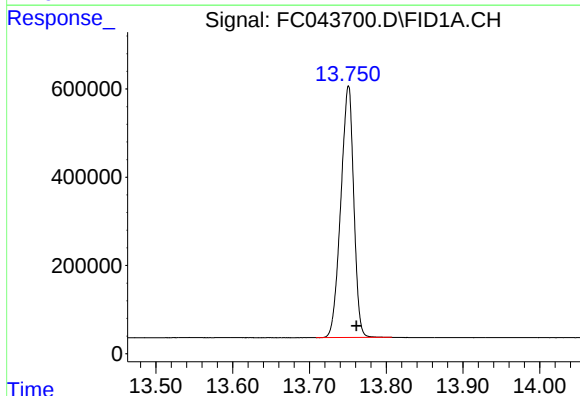
R.T.: 13.169 min  
Delta R.T.: -0.009 min  
Response: 6801652  
Conc: 47.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
FCS CHECK SOL 3



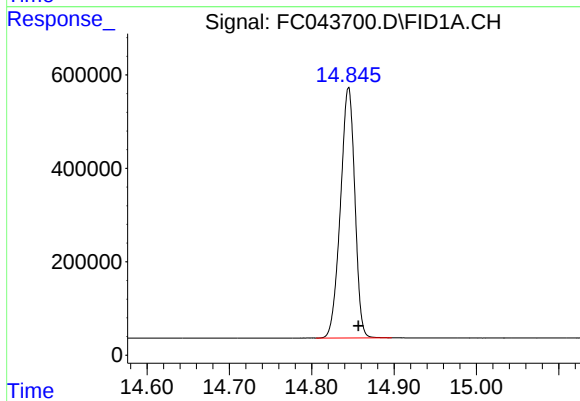
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min  
Delta R.T.: -0.012 min  
Response: 5515069  
Conc: 46.52 ug/ml



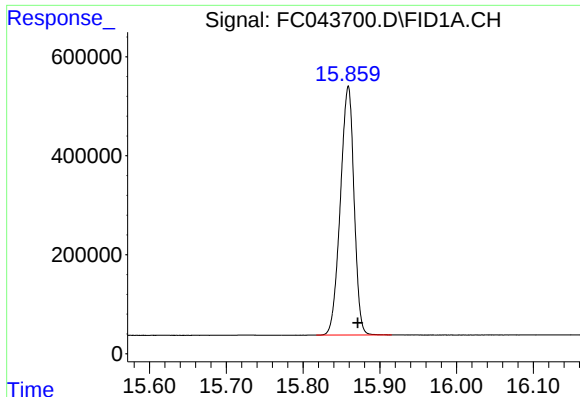
#13 n-Docosane (C22)

R.T.: 13.751 min  
Delta R.T.: -0.010 min  
Response: 6702257  
Conc: 47.17 ug/ml



#14 n-Tetracosane (C24)

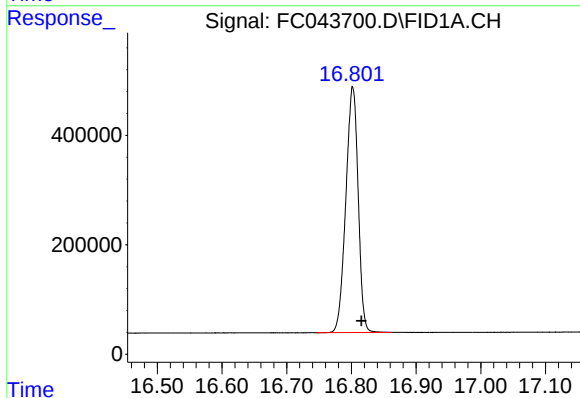
R.T.: 14.845 min  
Delta R.T.: -0.012 min  
Response: 6508335  
Conc: 45.34 ug/ml



#15 n-Hexacosane (C26)

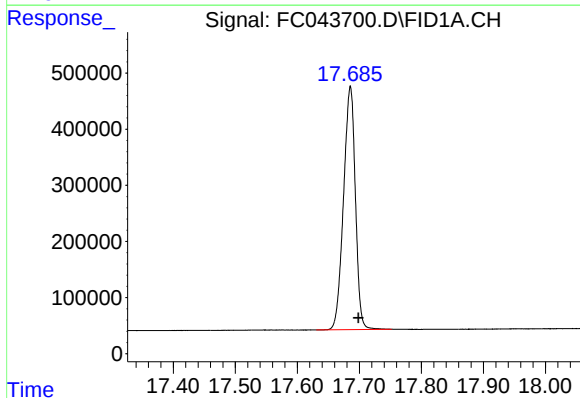
R.T.: 15.859 min  
Delta R.T.: -0.012 min  
Response: 6226979  
Conc: 43.55 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
FCS CHECK SOL 3



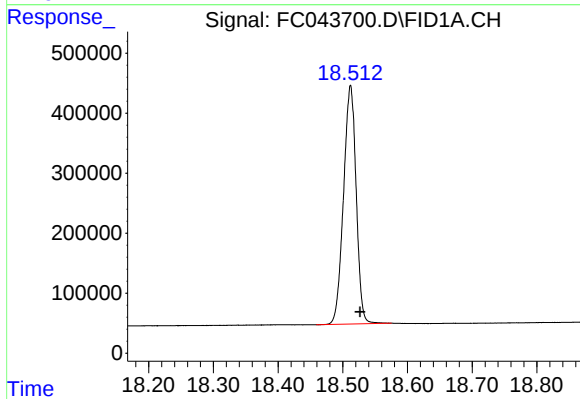
#16 n-Octacosane (C28)

R.T.: 16.802 min  
Delta R.T.: -0.014 min  
Response: 5948654  
Conc: 41.96 ug/ml



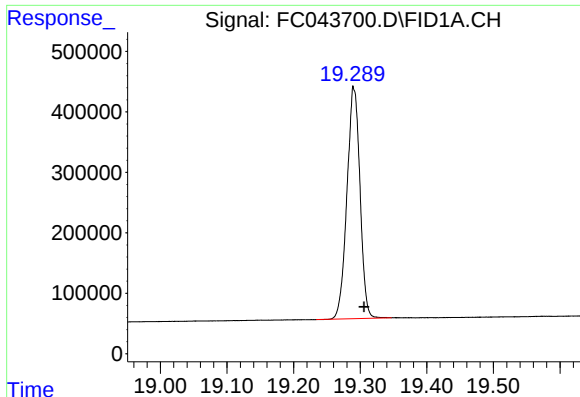
#17 n-Tricontane (C30)

R.T.: 17.686 min  
Delta R.T.: -0.013 min  
Response: 5743405  
Conc: 40.95 ug/ml



#18 n-Dotriacontane (C32)

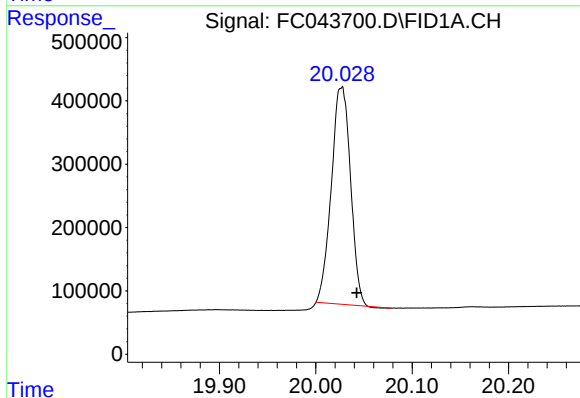
R.T.: 18.512 min  
Delta R.T.: -0.015 min  
Response: 5397408  
Conc: 40.63 ug/ml



#19 n-Tetratriacontane (C34)

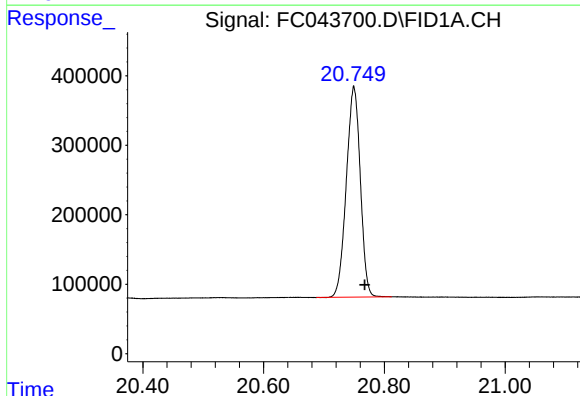
R.T.: 19.290 min  
Delta R.T.: -0.015 min  
Response: 5218818  
Conc: 41.77 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
FCS CHECK SOL 3



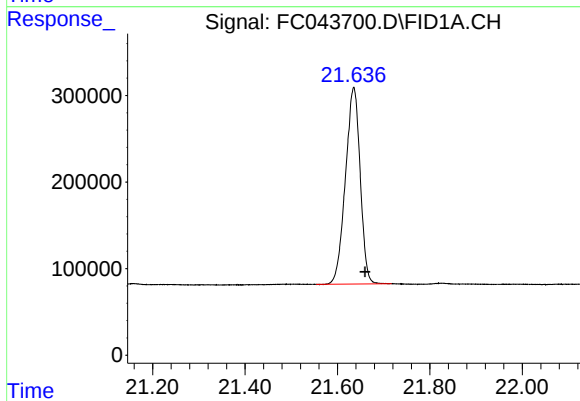
#20 n-Hexatriacontane (C36)

R.T.: 20.027 min  
Delta R.T.: -0.016 min  
Response: 4749194  
Conc: 41.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min  
Delta R.T.: -0.018 min  
Response: 4871811  
Conc: 45.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.635 min  
Delta R.T.: -0.025 min  
Response: 5023830  
Conc: 48.05 ug/ml