

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041122AL\  
 Data File : FC059168.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Apr 2022 14:51  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 12 02:14:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 25 23:18:46 2022  
 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

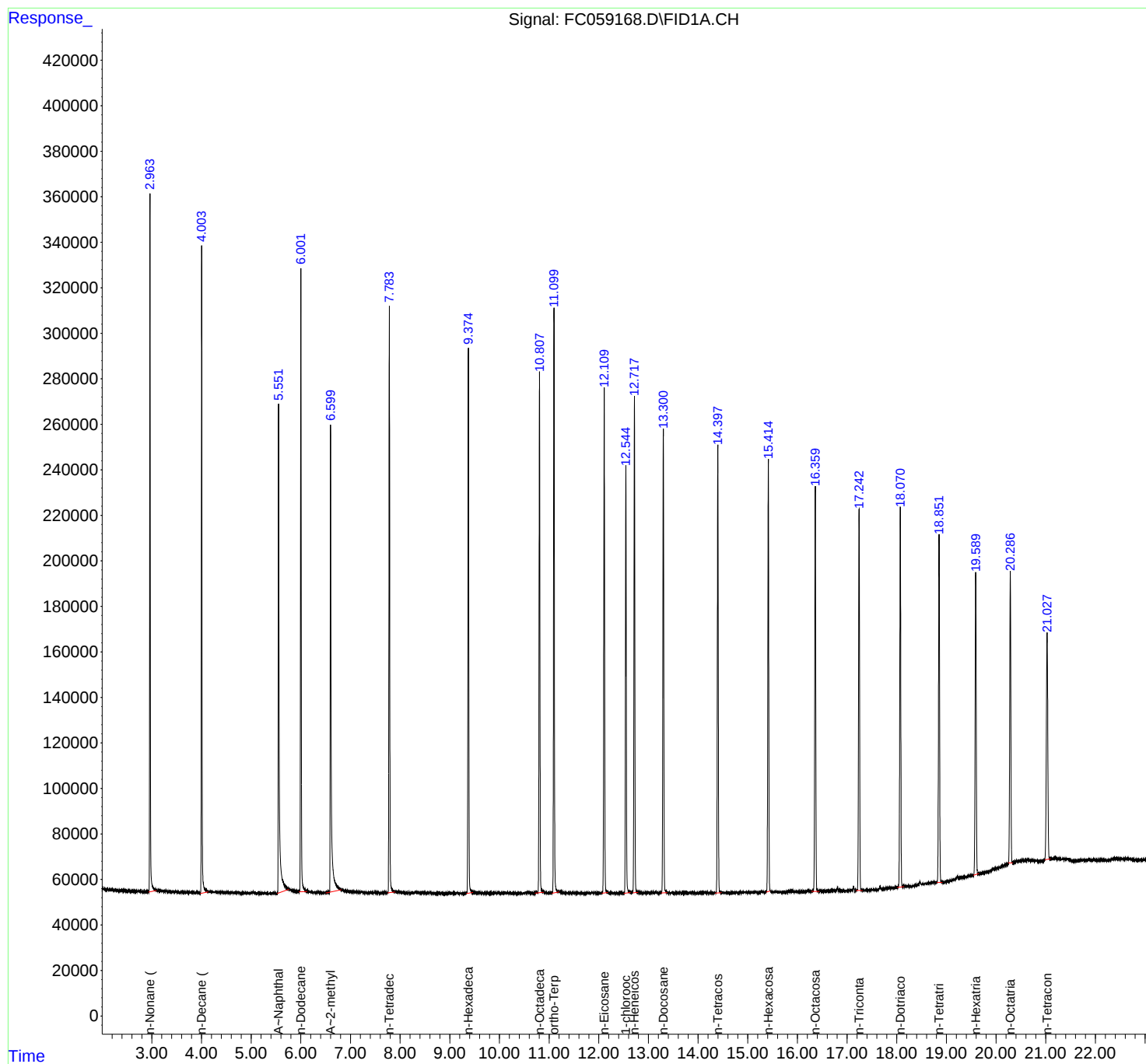
| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.098 | 2973121    | 20.635 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.27%       |
| 12) S 1-chlorooctadecane (S... | 12.545 | 2295032    | 20.474 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.95%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.963  | 2715197    | 22.157 ug/ml |
| 2) T n-Decane (C10)            | 4.004  | 2716036    | 22.164 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.552  | 2719918    | 21.663 ug/ml |
| 4) T n-Dodecane (C12)          | 6.001  | 2823538    | 22.106 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.599  | 2752920    | 21.474 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.783  | 2817721    | 21.671 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.374  | 2810819    | 21.167 ug/ml |
| 8) T n-Octadecane (C18)        | 10.807 | 2790623    | 20.989 ug/ml |
| 10) T n-Eicosane (C20)         | 12.109 | 2718825    | 20.751 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.718 | 2705323    | 20.734 ug/ml |
| 13) T n-Docosane (C22)         | 13.299 | 2672532    | 20.630 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.397 | 2590258    | 20.505 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.413 | 2501381    | 20.708 ug/ml |
| 16) T n-Octacosane (C28)       | 16.359 | 2477004    | 20.919 ug/ml |
| 17) T n-Tricontane (C30)       | 17.242 | 2435367    | 21.348 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.072 | 2337980    | 21.824 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.851 | 2229799    | 22.069 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.589 | 2107056    | 22.052 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.286 | 1998089    | 21.714 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.027 | 1984447    | 21.352 ug/ml |
| -----                          |        |            |              |

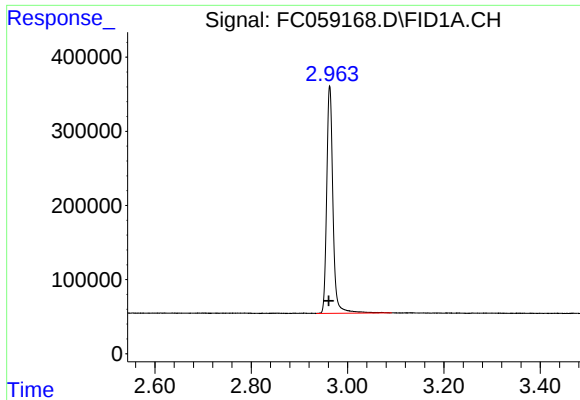
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :  
FID\_C  
ClientSampleId :

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

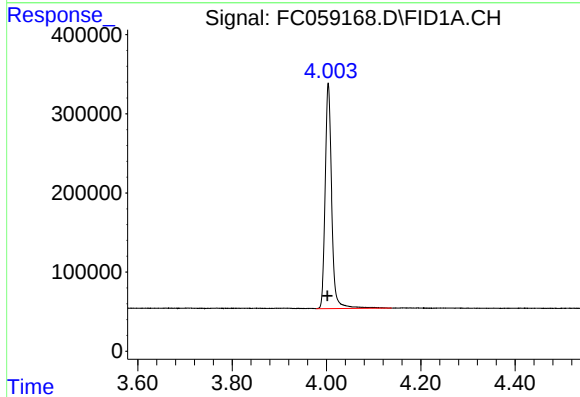




#1 n-Nonane (C9)

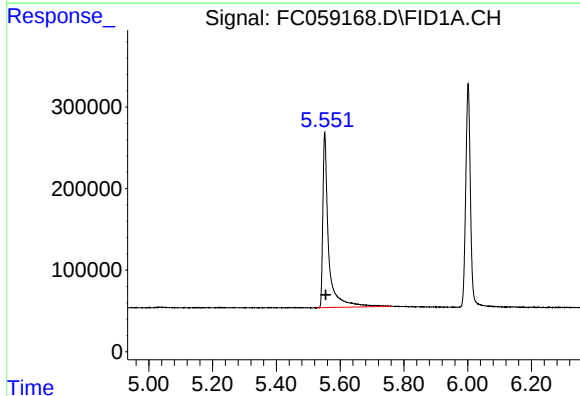
R.T.: 2.963 min  
Delta R.T.: 0.002 min  
Response: 2715197  
Conc: 22.16 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



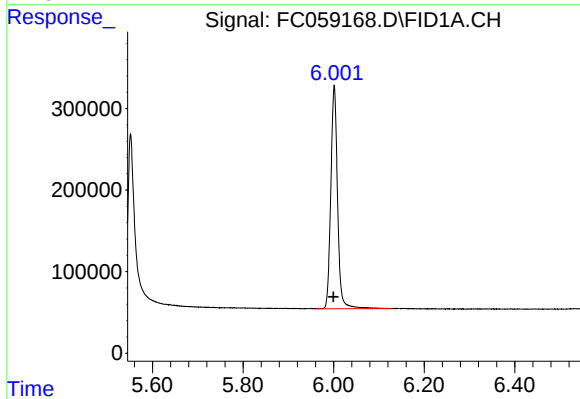
#2 n-Decane (C10)

R.T.: 4.004 min  
Delta R.T.: 0.002 min  
Response: 2716036  
Conc: 22.16 ug/ml



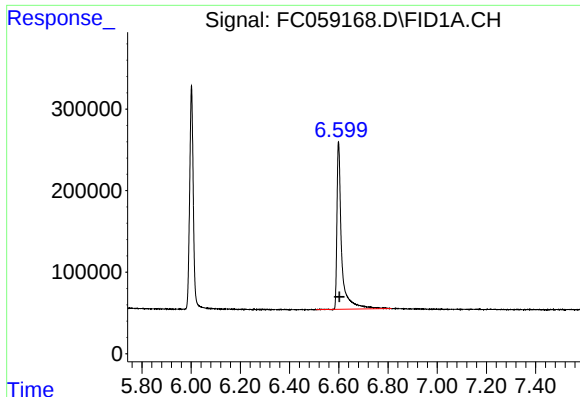
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min  
Delta R.T.: -0.003 min  
Response: 2719918  
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

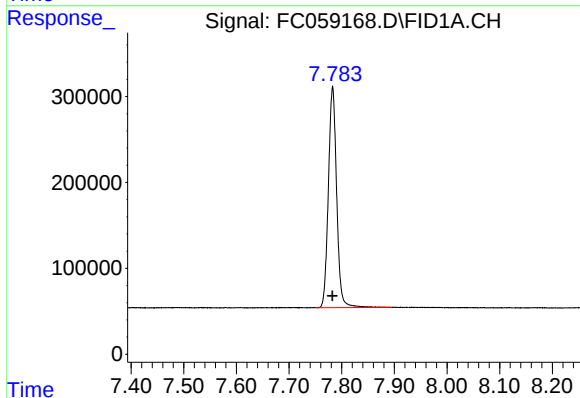
R.T.: 6.001 min  
Delta R.T.: 0.001 min  
Response: 2823538  
Conc: 22.11 ug/ml



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

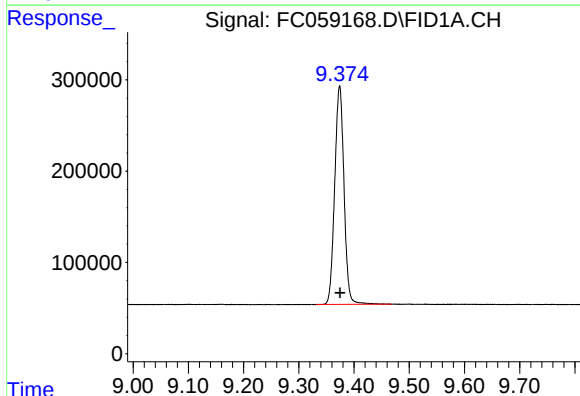
R.T.: 6.599 min  
Delta R.T.: -0.003 min  
Response: 2752920  
Conc: 21.47 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



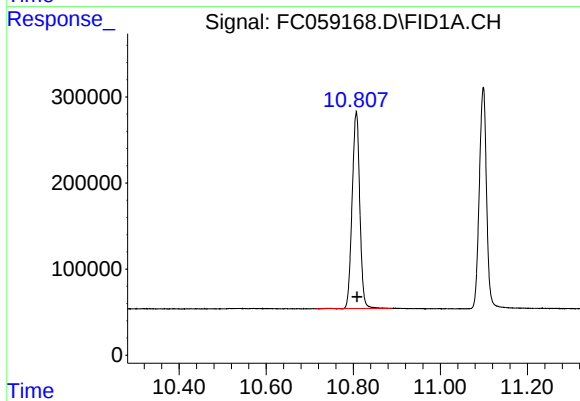
#6 n-Tetradecane (C14)

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 2817721  
Conc: 21.67 ug/ml



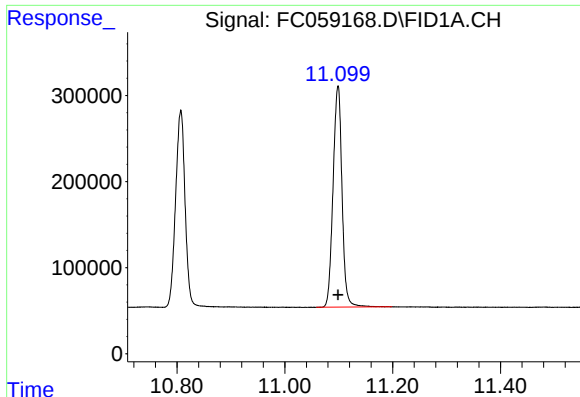
#7 n-Hexadecane (C16)

R.T.: 9.374 min  
Delta R.T.: 0.000 min  
Response: 2810819  
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

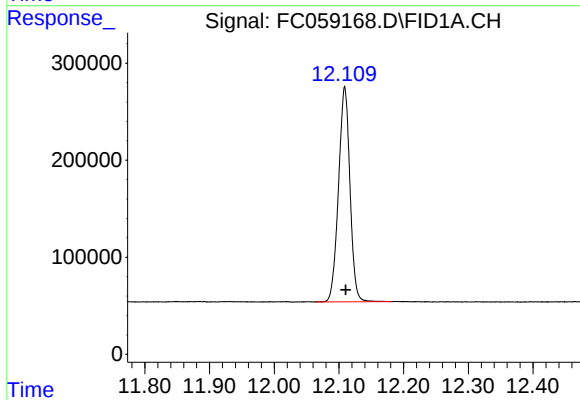
R.T.: 10.807 min  
Delta R.T.: -0.002 min  
Response: 2790623  
Conc: 20.99 ug/ml



#9 ortho-Terphenyl (SURR)

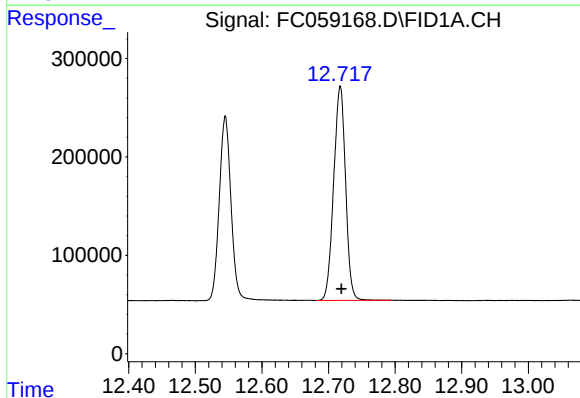
R.T.: 11.098 min  
Delta R.T.: 0.000 min  
Response: 2973121  
Conc: 20.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



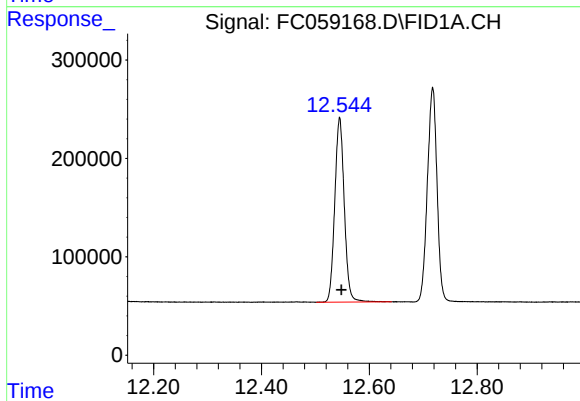
#10 n-Eicosane (C20)

R.T.: 12.109 min  
Delta R.T.: -0.002 min  
Response: 2718825  
Conc: 20.75 ug/ml



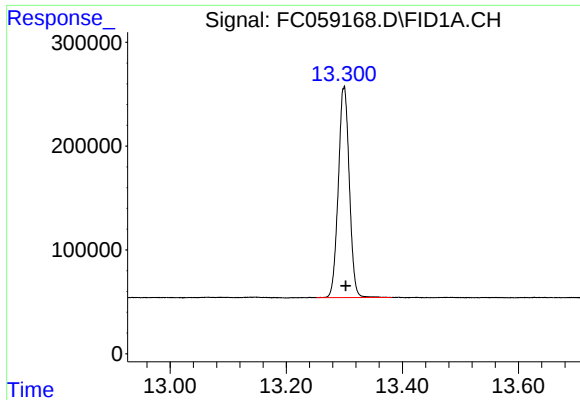
#11 n-Heneicosane (C21)

R.T.: 12.718 min  
Delta R.T.: -0.002 min  
Response: 2705323  
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

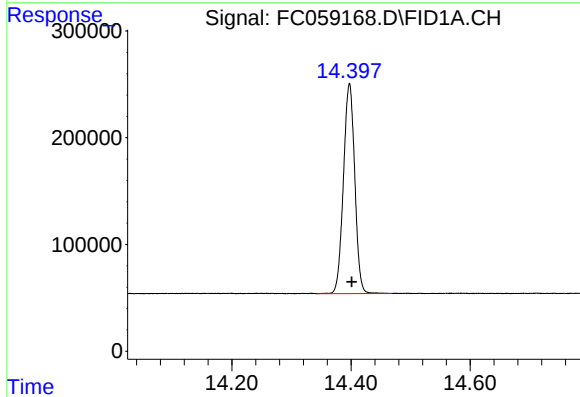
R.T.: 12.545 min  
Delta R.T.: -0.004 min  
Response: 2295032  
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

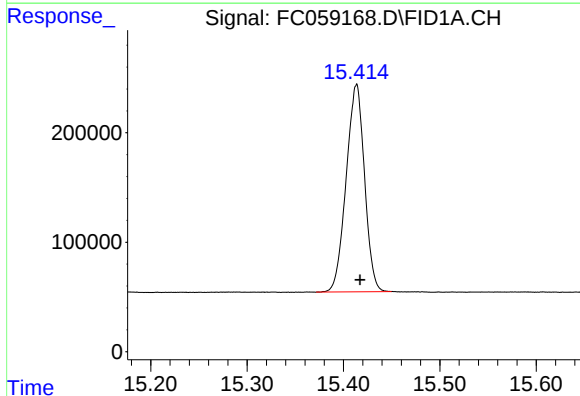
R.T.: 13.299 min  
Delta R.T.: -0.003 min  
Response: 2672532  
Conc: 20.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



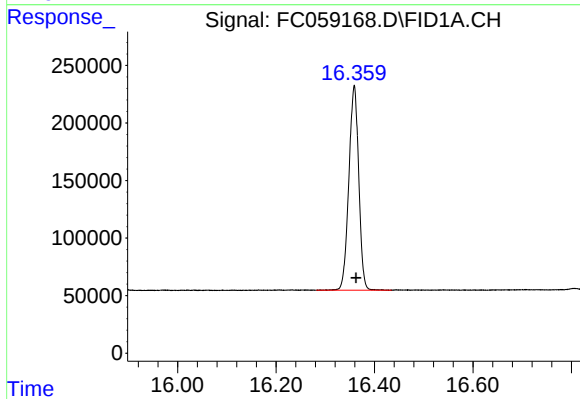
#14 n-Tetracosane (C24)

R.T.: 14.397 min  
Delta R.T.: -0.004 min  
Response: 2590258  
Conc: 20.50 ug/ml



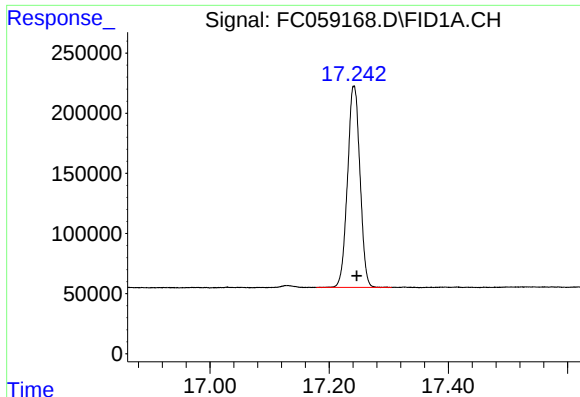
#15 n-Hexacosane (C26)

R.T.: 15.413 min  
Delta R.T.: -0.004 min  
Response: 2501381  
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

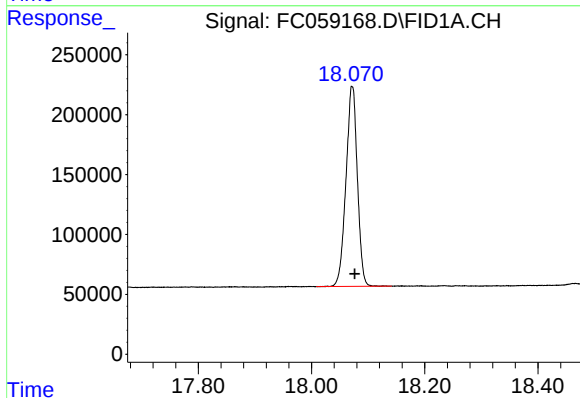
R.T.: 16.359 min  
Delta R.T.: -0.004 min  
Response: 2477004  
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

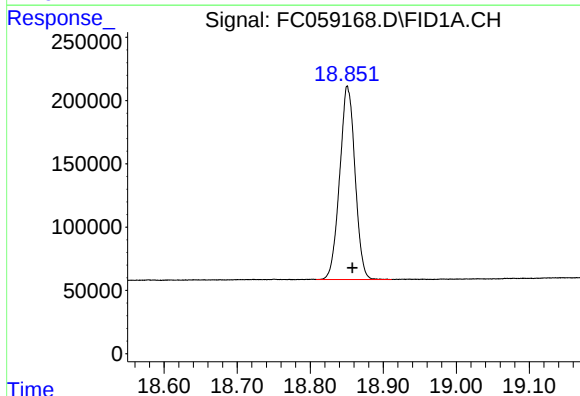
R.T.: 17.242 min  
Delta R.T.: -0.004 min  
Response: 2435367  
Conc: 21.35 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



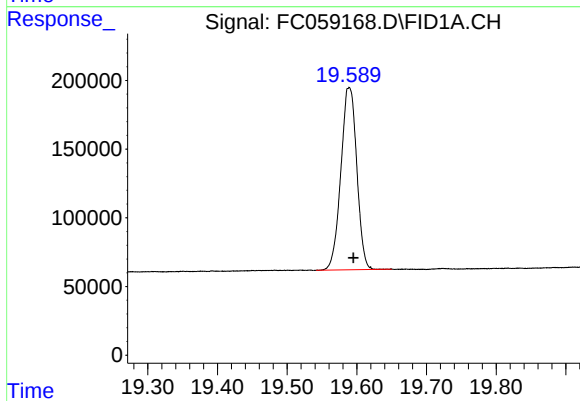
#18 n-Dotriacontane (C32)

R.T.: 18.072 min  
Delta R.T.: -0.005 min  
Response: 2337980  
Conc: 21.82 ug/ml



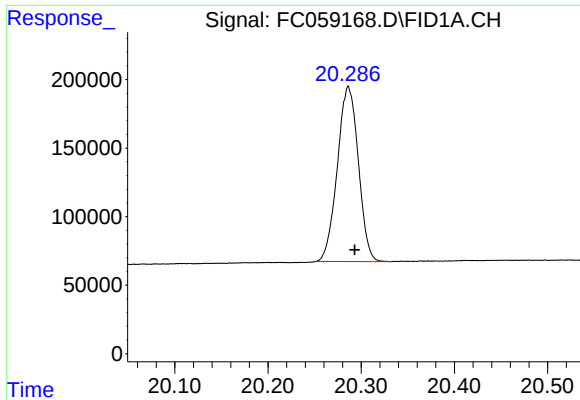
#19 n-Tetratriacontane (C34)

R.T.: 18.851 min  
Delta R.T.: -0.007 min  
Response: 2229799  
Conc: 22.07 ug/ml



#20 n-Hexatriacontane (C36)

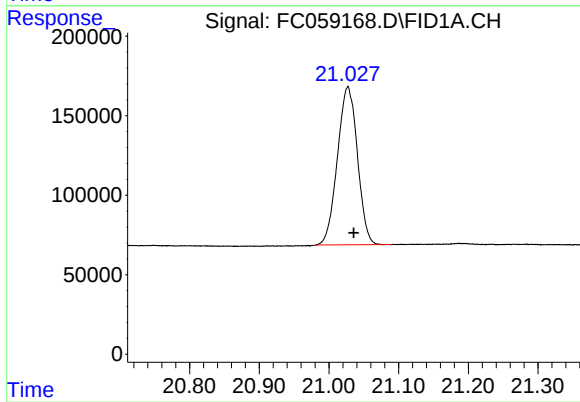
R.T.: 19.589 min  
Delta R.T.: -0.006 min  
Response: 2107056  
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.286 min  
Delta R.T.: -0.007 min  
Response: 1998089  
Conc: 21.71 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.027 min  
Delta R.T.: -0.009 min  
Response: 1984447  
Conc: 21.35 ug/ml