

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030322AL\  
 Data File : FC058572.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Mar 2022 00:47  
 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: Mar 04 01:26:29 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 23 17:15:11 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)    | 11.392 | 2717983    | 18.661 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.32%       |
| 12) S 1-chlorooctadecane (S... | 12.825 | 2098948    | 18.517 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.03%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.248  | 2410412    | 20.044 ug/ml |
| 2) T n-Decane (C10)            | 4.298  | 2414561    | 20.291 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.857  | 2591917    | 19.971 ug/ml |
| 4) T n-Dodecane (C12)          | 6.292  | 2476660    | 20.133 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.902  | 2633730    | 20.202 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.069  | 2515936    | 20.078 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.656  | 2544355    | 19.757 ug/ml |
| 8) T n-Octadecane (C18)        | 11.086 | 2544130    | 19.333 ug/ml |
| 10) T n-Eicosane (C20)         | 12.386 | 2483372    | 18.885 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.993 | 2455936    | 18.583 ug/ml |
| 13) T n-Docosane (C22)         | 13.576 | 2458728    | 18.860 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.671 | 2458758    | 19.040 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.685 | 2389464    | 19.316 ug/ml |
| 16) T n-Octacosane (C28)       | 16.630 | 2428959    | 20.406 ug/ml |
| 17) T n-Tricontane (C30)       | 17.513 | 2476587    | 22.002 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.341 | 2393756    | 22.261 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.121 | 2173559    | 22.433 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.856 | 2013734    | 22.321 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.562 | 1919953    | 22.063 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.385 | 1862337    | 22.193 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

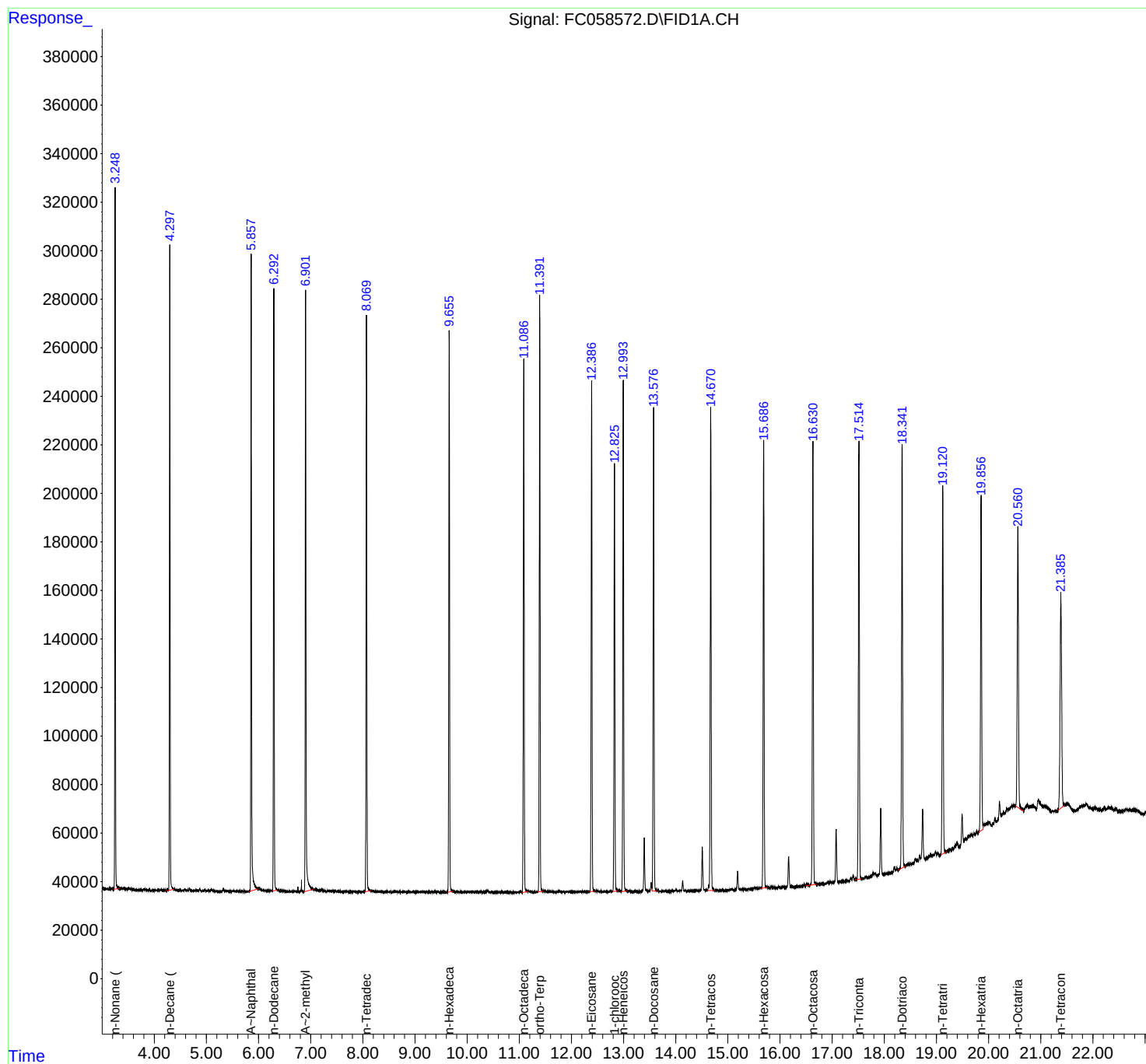
(m)=manual int.

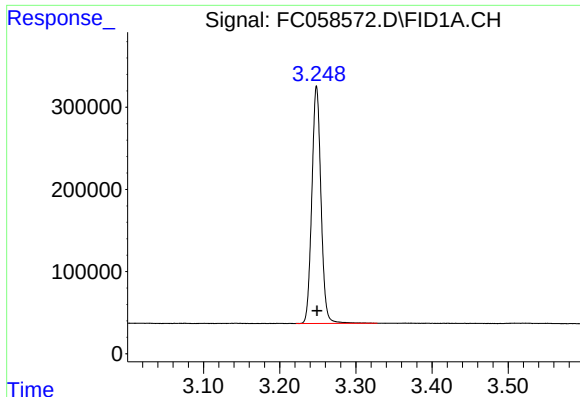
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030322AL\  
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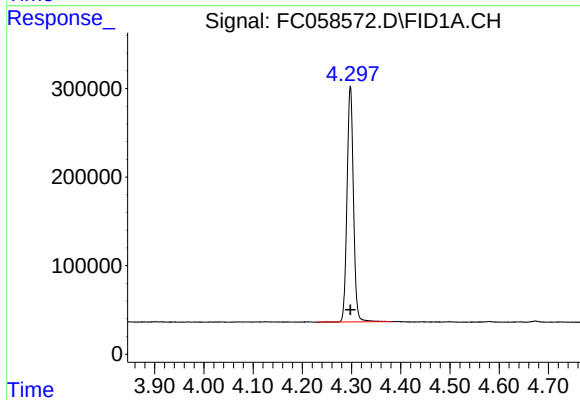




#1 n-Nonane (C9)

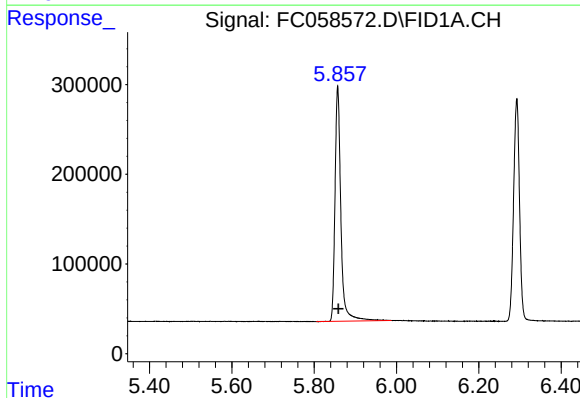
R.T.: 3.248 min  
Delta R.T.: 0.000 min  
Response: 2410412  
Conc: 20.04 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



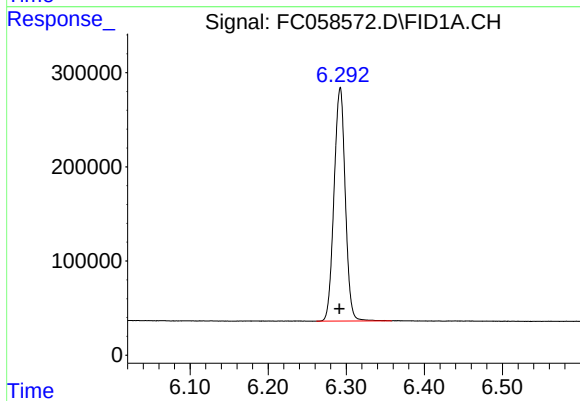
#2 n-Decane (C10)

R.T.: 4.298 min  
Delta R.T.: 0.000 min  
Response: 2414561  
Conc: 20.29 ug/ml



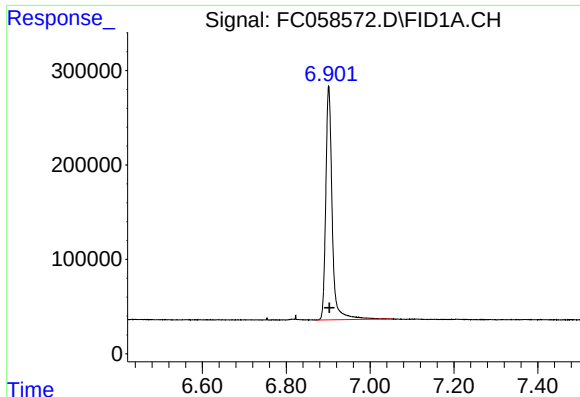
#3 A~Naphthalene (C11.7)

R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 2591917  
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

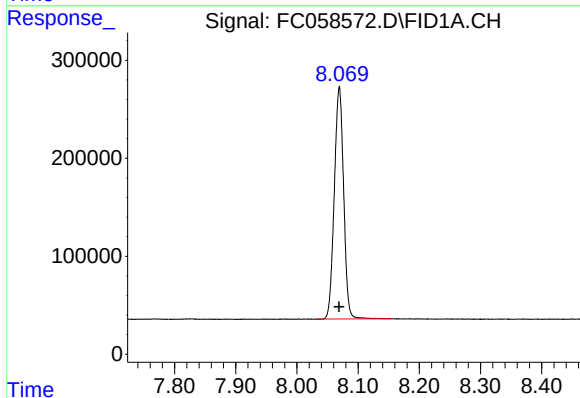
R.T.: 6.292 min  
Delta R.T.: 0.000 min  
Response: 2476660  
Conc: 20.13 ug/ml



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

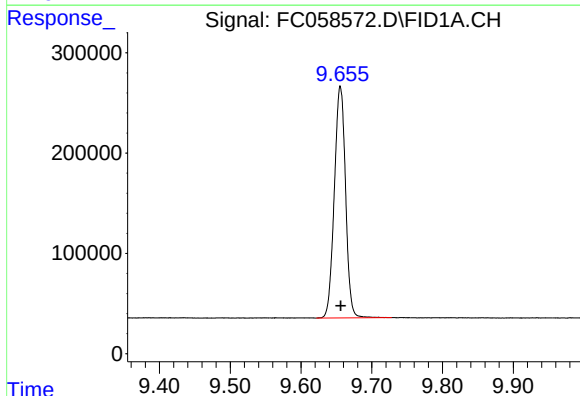
R.T.: 6.902 min  
Delta R.T.: -0.001 min  
Response: 2633730  
Conc: 20.20 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



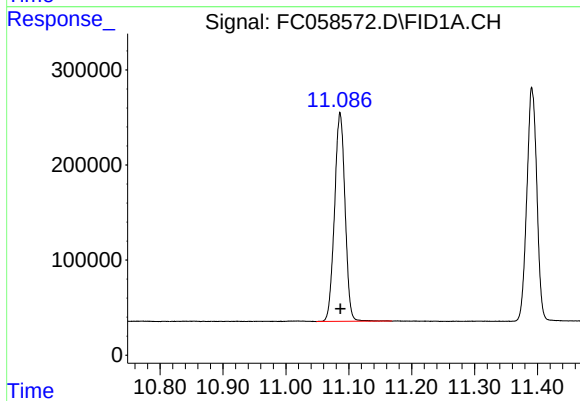
#6 n-Tetradecane (C14)

R.T.: 8.069 min  
Delta R.T.: 0.000 min  
Response: 2515936  
Conc: 20.08 ug/ml



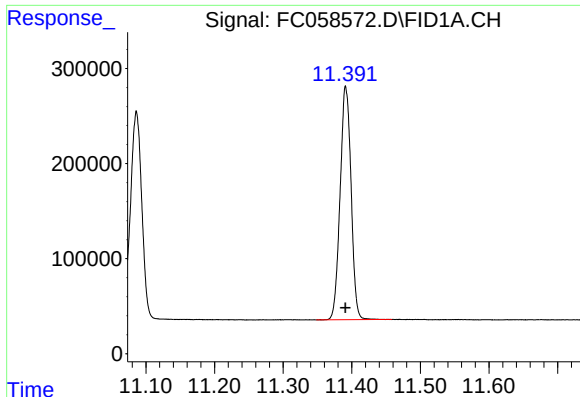
#7 n-Hexadecane (C16)

R.T.: 9.656 min  
Delta R.T.: 0.000 min  
Response: 2544355  
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

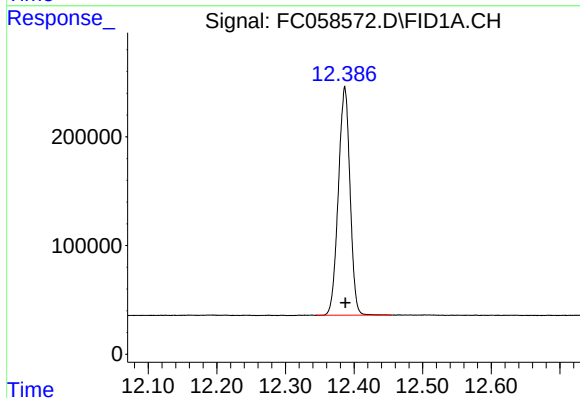
R.T.: 11.086 min  
Delta R.T.: 0.000 min  
Response: 2544130  
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

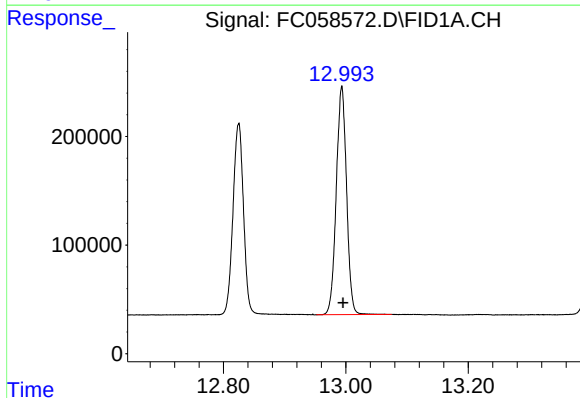
R.T.: 11.392 min  
Delta R.T.: 0.000 min  
Response: 2717983  
Conc: 18.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



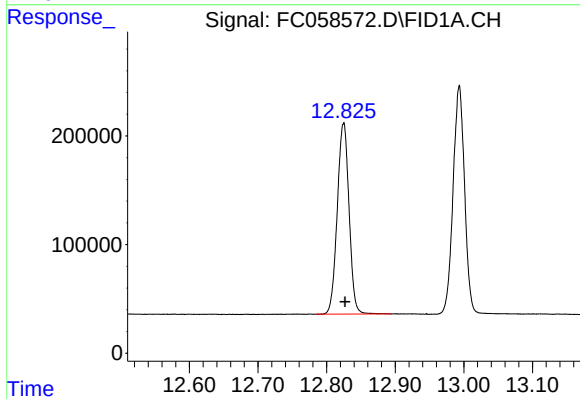
#10 n-Eicosane (C20)

R.T.: 12.386 min  
Delta R.T.: -0.001 min  
Response: 2483372  
Conc: 18.89 ug/ml



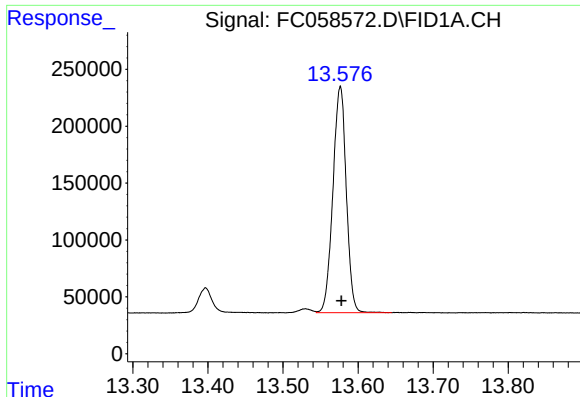
#11 n-Heneicosane (C21)

R.T.: 12.993 min  
Delta R.T.: -0.002 min  
Response: 2455936  
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

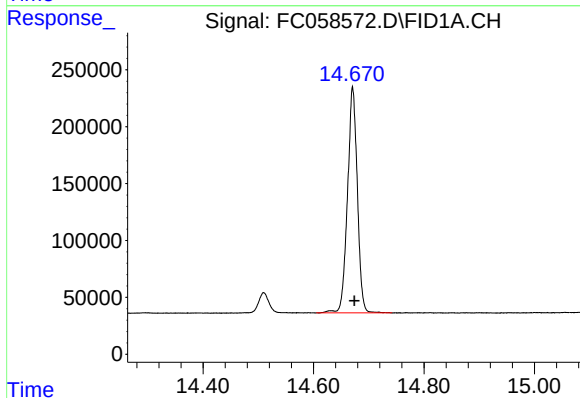
R.T.: 12.825 min  
Delta R.T.: -0.002 min  
Response: 2098948  
Conc: 18.52 ug/ml



#13 n-Docosane (C22)

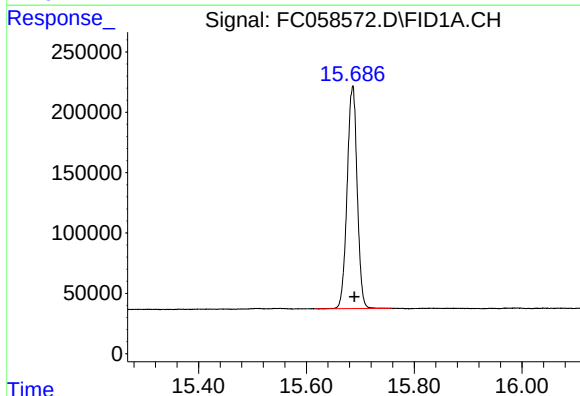
R.T.: 13.576 min  
Delta R.T.: -0.002 min  
Response: 2458728  
Conc: 18.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



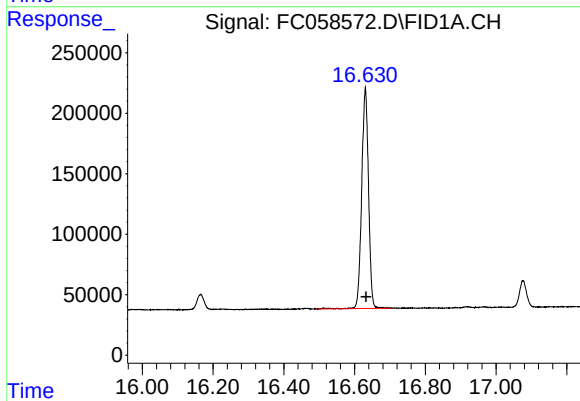
#14 n-Tetracosane (C24)

R.T.: 14.671 min  
Delta R.T.: -0.003 min  
Response: 2458758  
Conc: 19.04 ug/ml



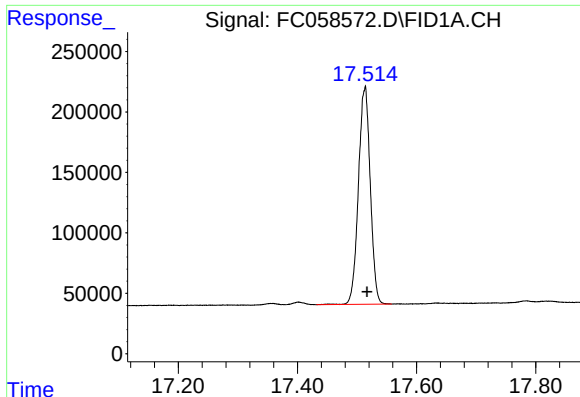
#15 n-Hexacosane (C26)

R.T.: 15.685 min  
Delta R.T.: -0.004 min  
Response: 2389464  
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

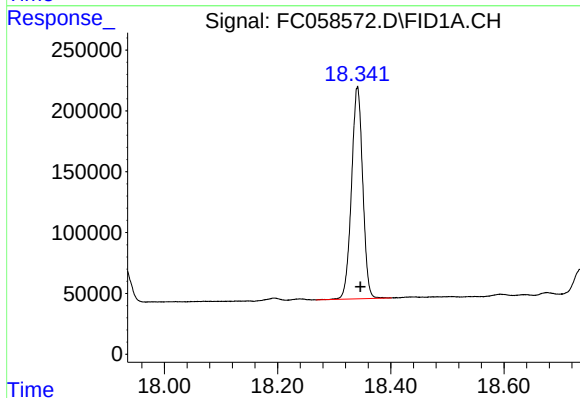
R.T.: 16.630 min  
Delta R.T.: -0.003 min  
Response: 2428959  
Conc: 20.41 ug/ml



#17 n-Tricontane (C30)

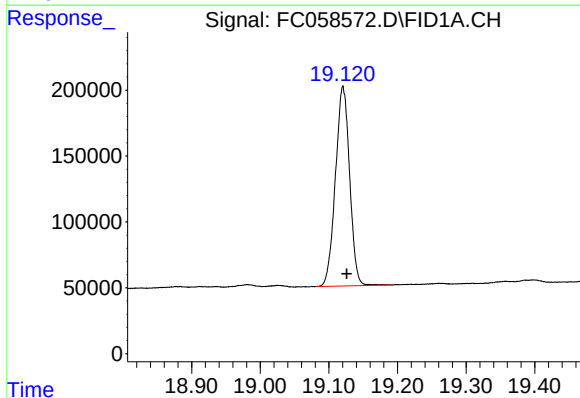
R.T.: 17.513 min  
Delta R.T.: -0.004 min  
Response: 2476587  
Conc: 22.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



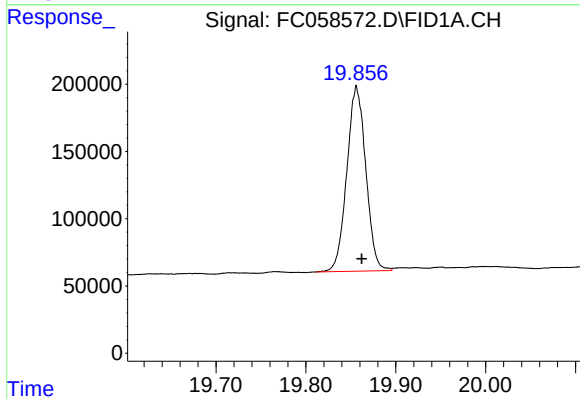
#18 n-Dotriacontane (C32)

R.T.: 18.341 min  
Delta R.T.: -0.005 min  
Response: 2393756  
Conc: 22.26 ug/ml



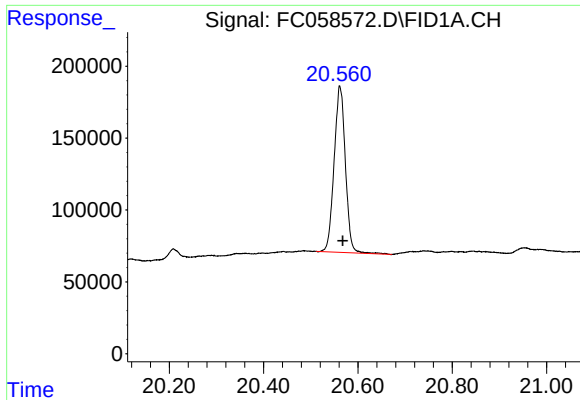
#19 n-Tetratriacontane (C34)

R.T.: 19.121 min  
Delta R.T.: -0.005 min  
Response: 2173559  
Conc: 22.43 ug/ml



#20 n-Hexatriacontane (C36)

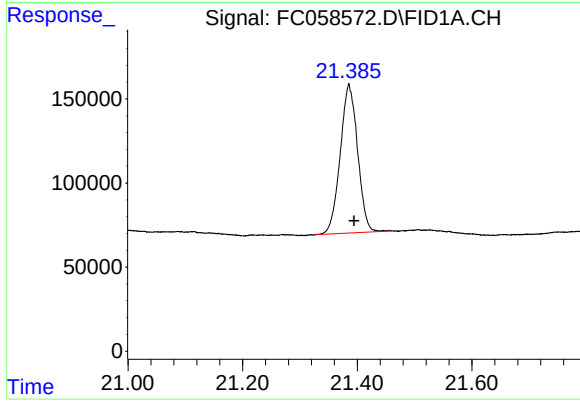
R.T.: 19.856 min  
Delta R.T.: -0.006 min  
Response: 2013734  
Conc: 22.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.562 min  
Delta R.T.: -0.006 min  
Response: 1919953  
Conc: 22.06 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.385 min  
Delta R.T.: -0.009 min  
Response: 1862337  
Conc: 22.19 ug/ml