

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072320AL\  
 Data File : FC048649.D  
 Signal(s) : FID1A.CH  
 Acq On : 24 Jul 2020 9:16  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 24 10:10:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 03:03:00 2020  
 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)    | 11.681 | 2735820    | 19.933 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.87%       |
| 12) S 1-chlorooctadecane (S... | 13.114 | 2216680    | 19.671 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.34%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.415  | 2580693    | 21.649 ug/ml |
| 2) T n-Decane (C10)            | 4.489  | 2639671    | 21.930 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.086  | 2943734    | 21.875 ug/ml |
| 4) T n-Dodecane (C12)          | 6.514  | 2688983    | 21.979 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.145  | 3001062    | 21.773 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.312  | 2702999    | 21.942 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.915  | 2614443    | 21.357 ug/ml |
| 8) T n-Octadecane (C18)        | 11.357 | 2668057    | 20.847 ug/ml |
| 10) T n-Eicosane (C20)         | 12.668 | 2618454    | 20.245 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.280 | 2577349    | 19.883 ug/ml |
| 13) T n-Docosane (C22)         | 13.865 | 2540508    | 19.567 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.968 | 2476926    | 18.896 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.987 | 2367466    | 18.207 ug/ml |
| 16) T n-Octacosane (C28)       | 16.937 | 2314008    | 17.709 ug/ml |
| 17) T n-Tricontane (C30)       | 17.821 | 2245054    | 17.463 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.653 | 2055834    | 17.402 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.434 | 1919366    | 17.195 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.175 | 2084516    | 19.820 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.928 | 2013056    | 20.506 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.879 | 1824466    | 18.775 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

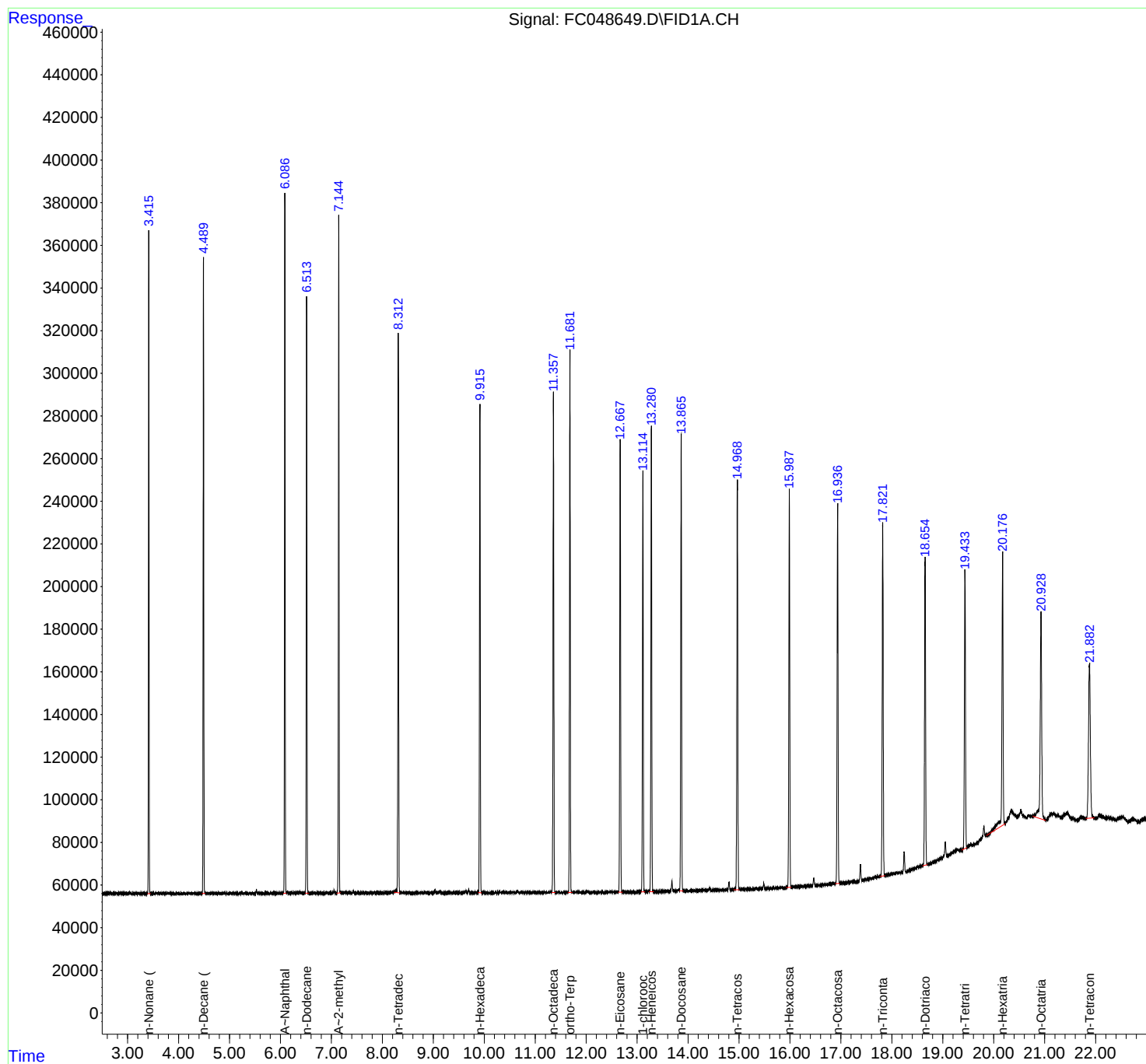
(m)=manual int.

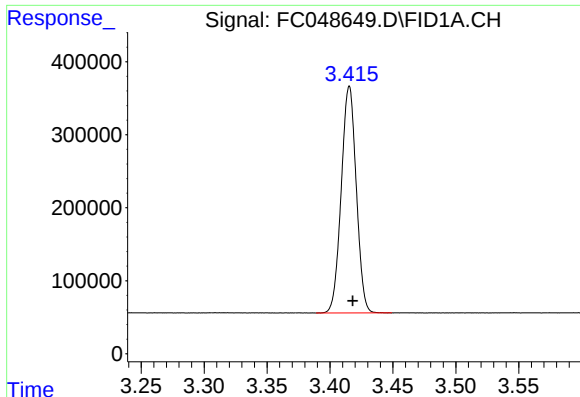
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072320AL\  
Data File : FC048649.D  
Signal(s) : FID1A.CH  
Acq On : 24 Jul 2020 9:16  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampled :

Integration File: autoint1.e  
Quant Time: Jul 24 10:10:39 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 070820.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 08 03:03:00 2020  
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

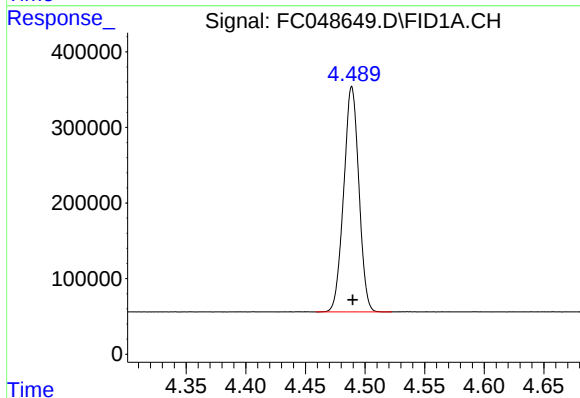




#1 n-Nonane (C9)

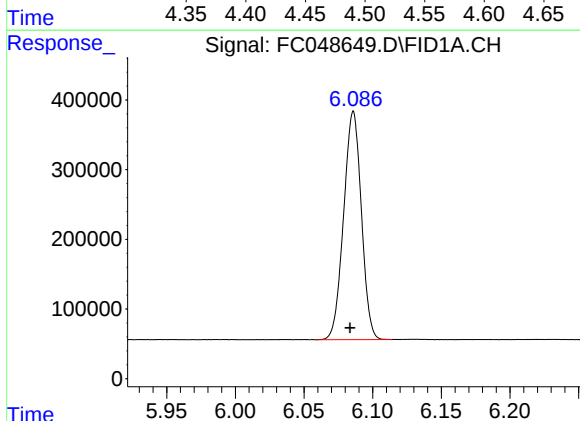
R.T.: 3.415 min  
Delta R.T.: -0.003 min  
Response: 2580693  
Conc: 21.65 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



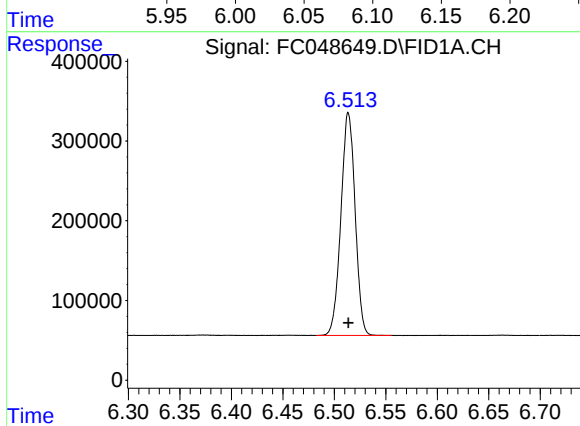
#2 n-Decane (C10)

R.T.: 4.489 min  
Delta R.T.: 0.000 min  
Response: 2639671  
Conc: 21.93 ug/ml



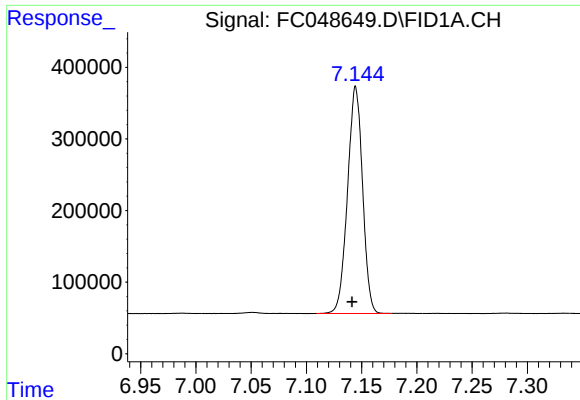
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min  
Delta R.T.: 0.002 min  
Response: 2943734  
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

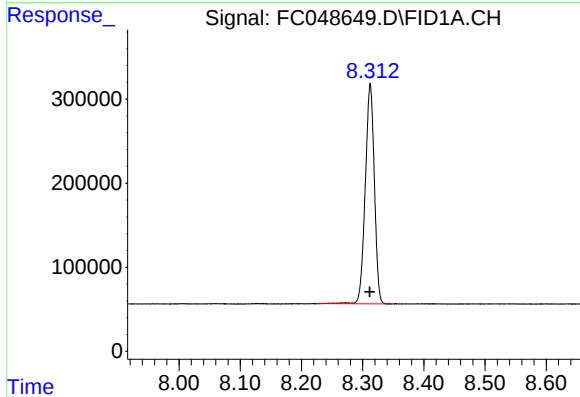
R.T.: 6.514 min  
Delta R.T.: 0.000 min  
Response: 2688983  
Conc: 21.98 ug/ml



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

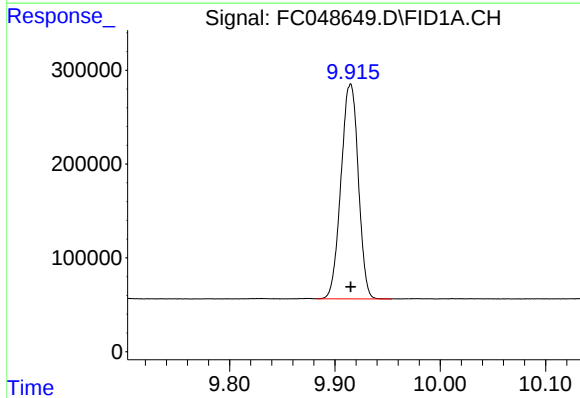
R.T.: 7.145 min  
Delta R.T.: 0.003 min  
Response: 3001062  
Conc: 21.77 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



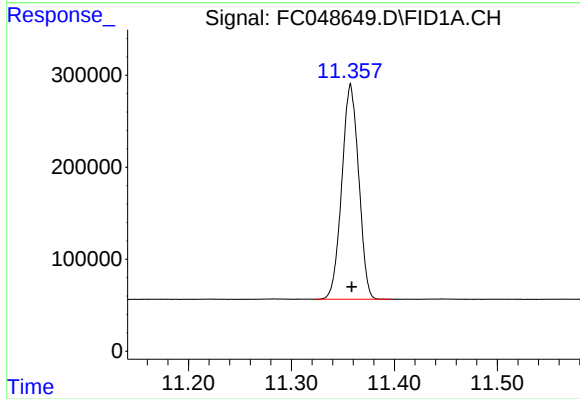
#6 n-Tetradecane (C14)

R.T.: 8.312 min  
Delta R.T.: 0.000 min  
Response: 2702999  
Conc: 21.94 ug/ml



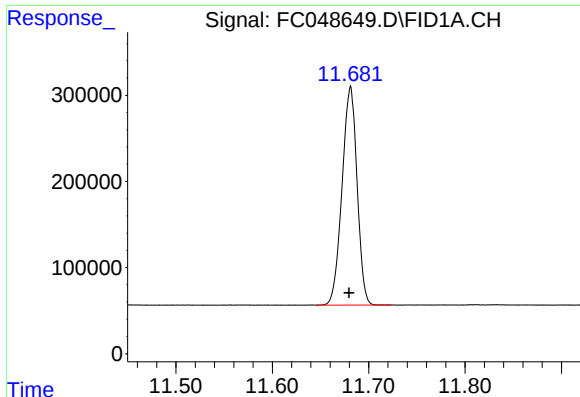
#7 n-Hexadecane (C16)

R.T.: 9.915 min  
Delta R.T.: 0.000 min  
Response: 2614443  
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

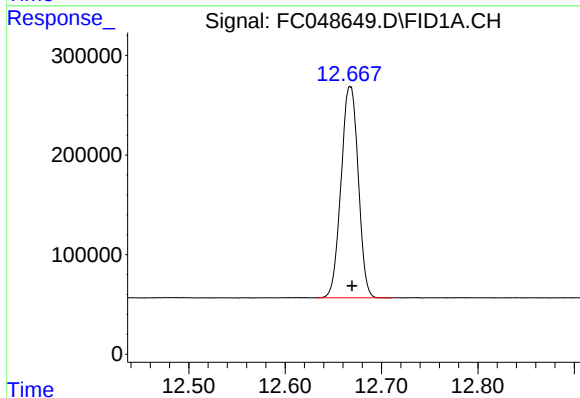
R.T.: 11.357 min  
Delta R.T.: -0.001 min  
Response: 2668057  
Conc: 20.85 ug/ml



#9 ortho-Terphenyl (SURR)

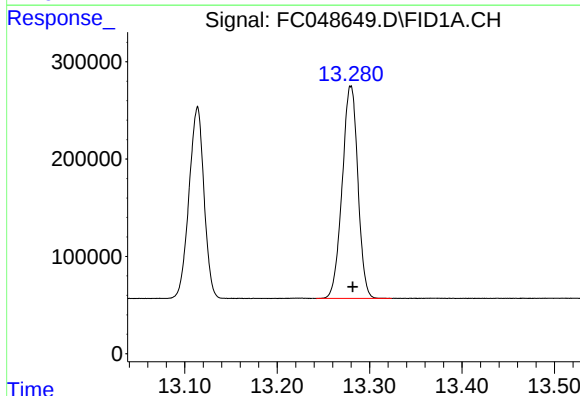
R.T.: 11.681 min  
Delta R.T.: 0.002 min  
Response: 2735820  
Conc: 19.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



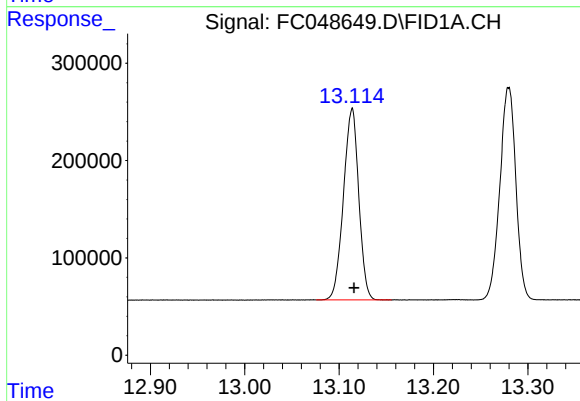
#10 n-Eicosane (C20)

R.T.: 12.668 min  
Delta R.T.: -0.002 min  
Response: 2618454  
Conc: 20.25 ug/ml



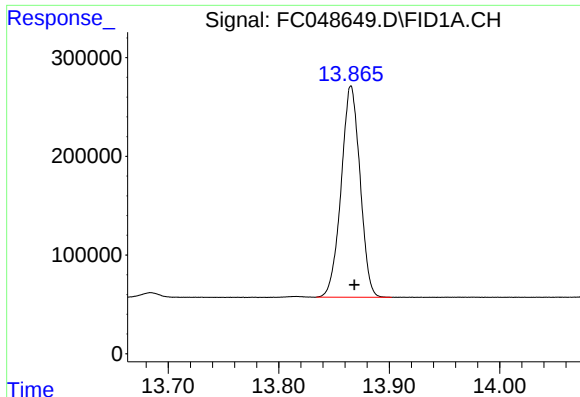
#11 n-Heneicosane (C21)

R.T.: 13.280 min  
Delta R.T.: -0.002 min  
Response: 2577349  
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

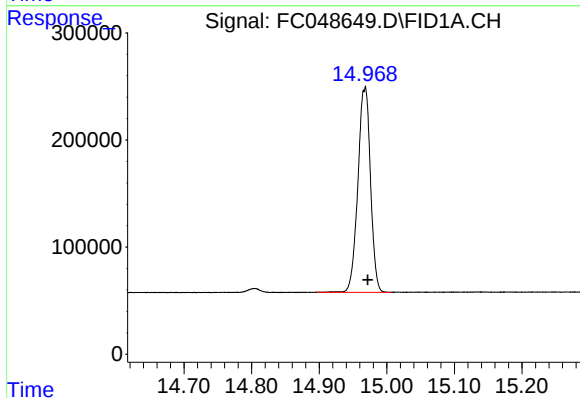
R.T.: 13.114 min  
Delta R.T.: -0.002 min  
Response: 2216680  
Conc: 19.67 ug/ml



#13 n-Docosane (C22)

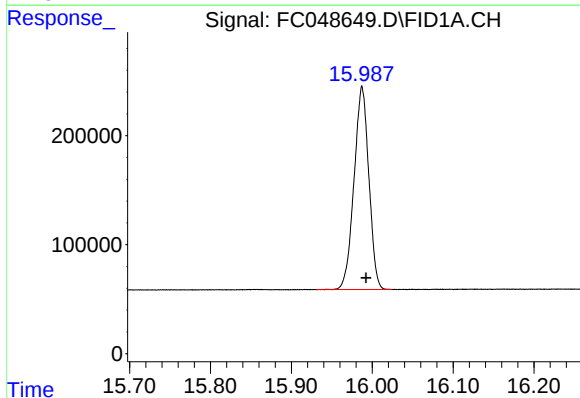
R.T.: 13.865 min  
Delta R.T.: -0.003 min  
Response: 2540508  
Conc: 19.57 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



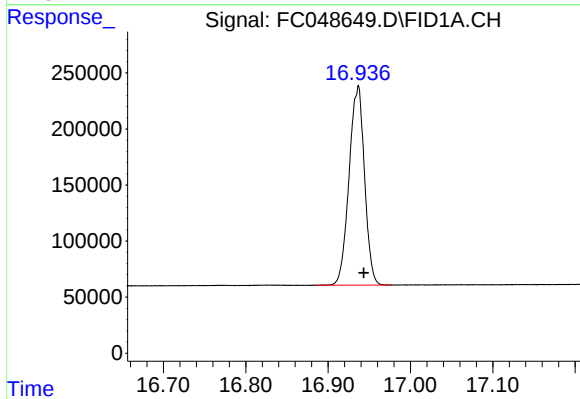
#14 n-Tetracosane (C24)

R.T.: 14.968 min  
Delta R.T.: -0.004 min  
Response: 2476926  
Conc: 18.90 ug/ml



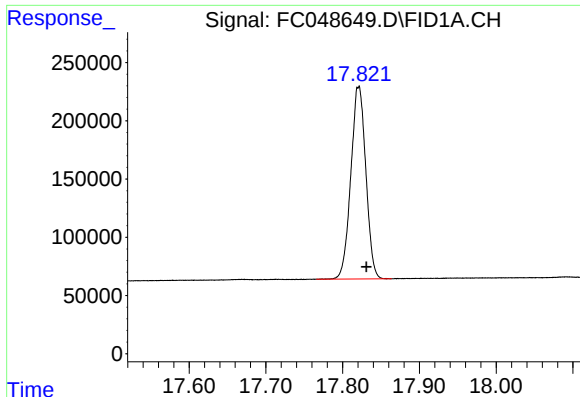
#15 n-Hexacosane (C26)

R.T.: 15.987 min  
Delta R.T.: -0.005 min  
Response: 2367466  
Conc: 18.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.937 min  
Delta R.T.: -0.007 min  
Response: 2314008  
Conc: 17.71 ug/ml



#17 n-Tricontane (C30)

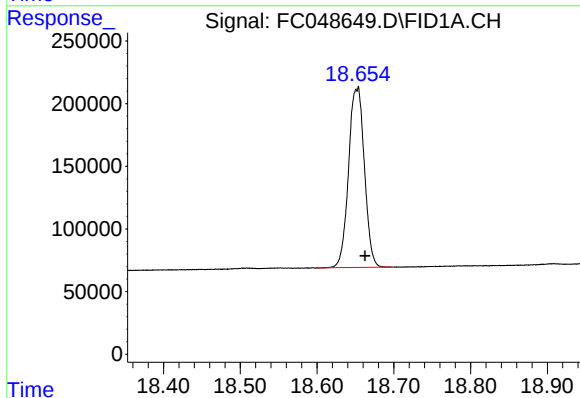
R.T.: 17.821 min

Delta R.T.: -0.010 min

Response: 2245054

Conc: 17.46 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



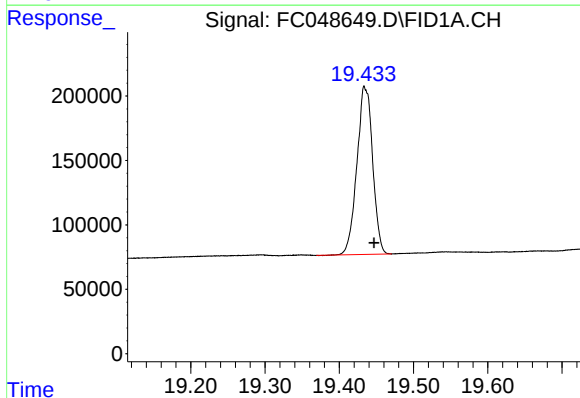
#18 n-Dotriacontane (C32)

R.T.: 18.653 min

Delta R.T.: -0.010 min

Response: 2055834

Conc: 17.40 ug/ml



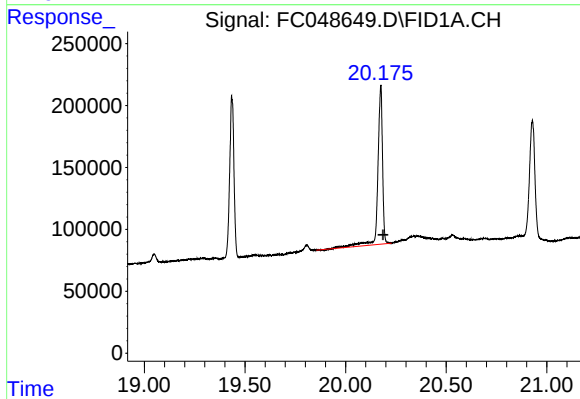
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min

Delta R.T.: -0.013 min

Response: 1919366

Conc: 17.20 ug/ml



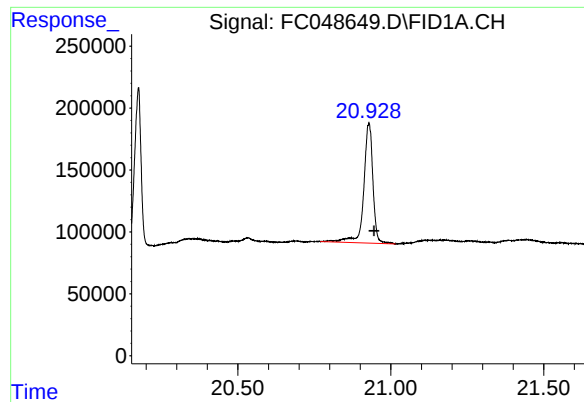
#20 n-Hexatriacontane (C36)

R.T.: 20.175 min

Delta R.T.: -0.012 min

Response: 2084516

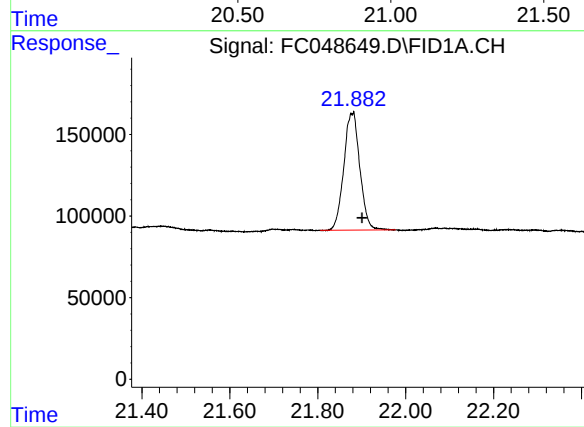
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min  
Delta R.T.: -0.017 min  
Response: 2013056  
Conc: 20.51 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.879 min  
Delta R.T.: -0.022 min  
Response: 1824466  
Conc: 18.77 ug/ml