

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050922AL\  
 Data File : FC059649.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 May 2022 3:28  
 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: May 10 04:02:13 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 09 11:12:42 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)    | 10.673 | 3188949    | 21.716 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.43%       |
| 12) S 1-chlorooctadecane (S... | 12.041 | 2507411    | 21.788 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.58%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.644  | 2773414    | 21.718 ug/ml |
| 2) T n-Decane (C10)            | 3.645  | 2817777    | 22.249 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.185  | 3249531    | 22.069 ug/ml |
| 4) T n-Dodecane (C12)          | 5.600  | 2908563    | 22.117 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.209  | 3304089    | 21.981 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.353  | 2972546    | 22.091 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.916  | 3023695    | 22.036 ug/ml |
| 8) T n-Octadecane (C18)        | 10.325 | 3028305    | 21.975 ug/ml |
| 10) T n-Eicosane (C20)         | 11.605 | 2946790    | 21.910 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.204 | 2894971    | 21.701 ug/ml |
| 13) T n-Docosane (C22)         | 12.776 | 2858289    | 21.779 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.854 | 2733920    | 21.729 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.851 | 2596413    | 21.740 ug/ml |
| 16) T n-Octacosane (C28)       | 15.780 | 2557749    | 22.467 ug/ml |
| 17) T n-Tricontane (C30)       | 16.646 | 2461653    | 22.394 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.460 | 2333570    | 22.572 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.225 | 1902777    | 19.489 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.947 | 1894729    | 20.410 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.630 | 1941876    | 20.399 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.280 | 1934182    | 20.432 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

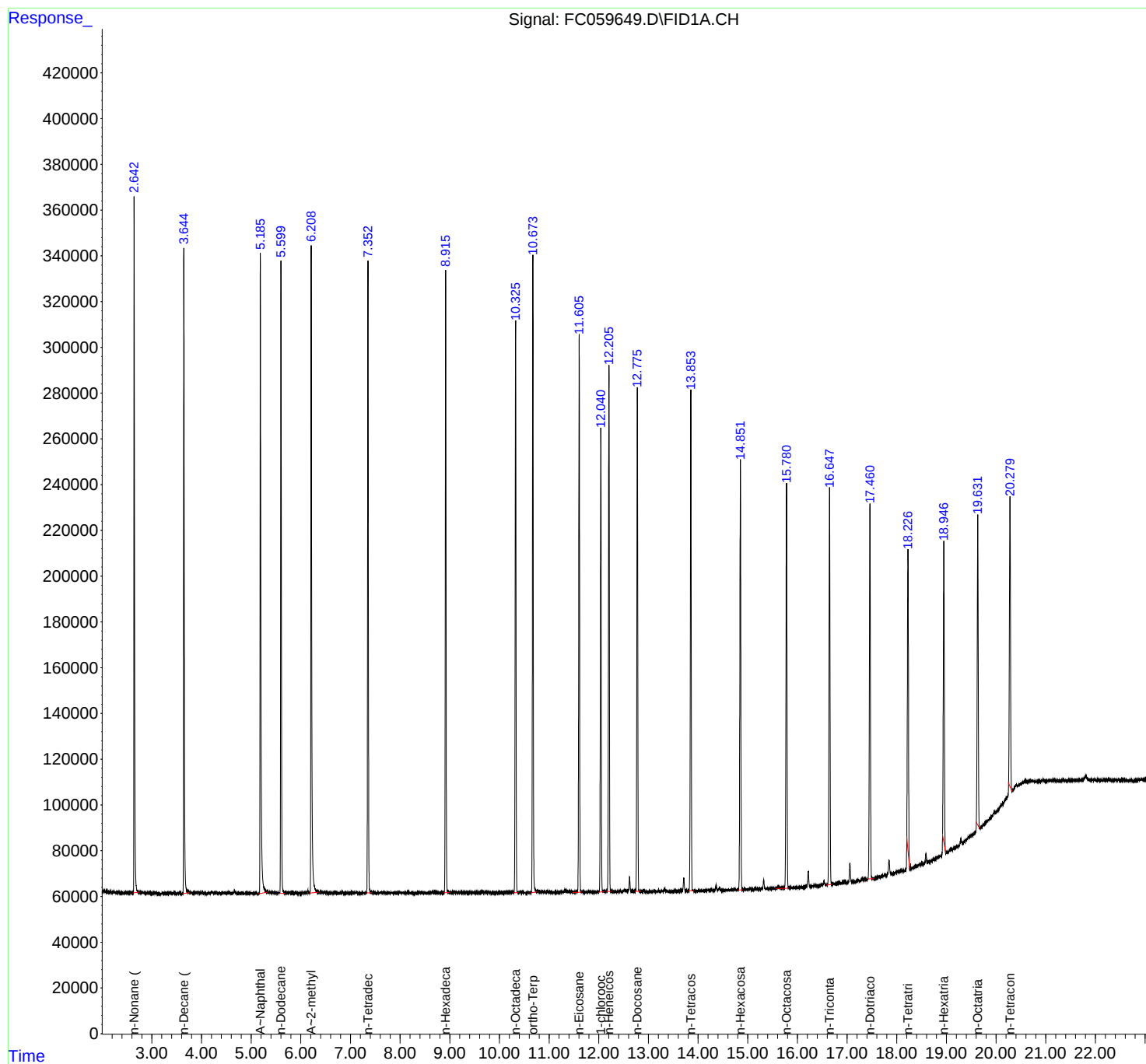
(m)=manual int.

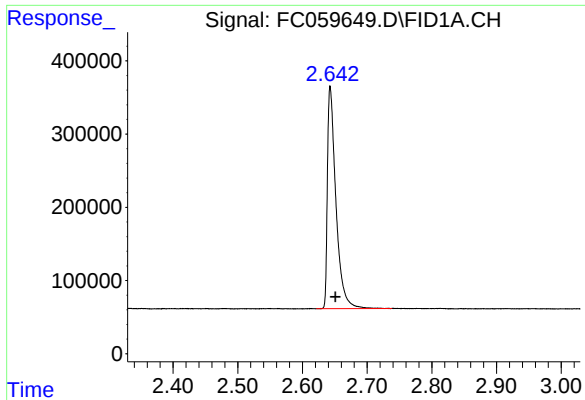
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050922AL\  
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Volume Inj. : 1 ul  
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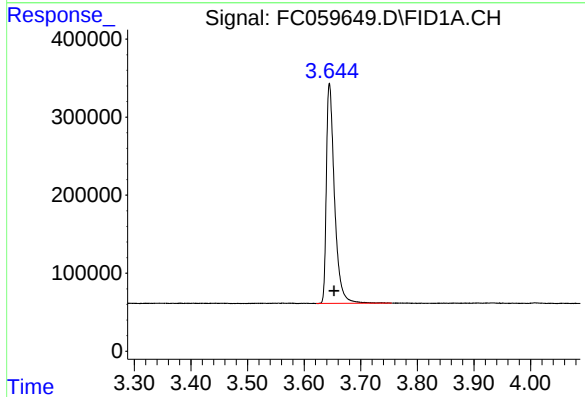




#1 n-Nonane (C9)

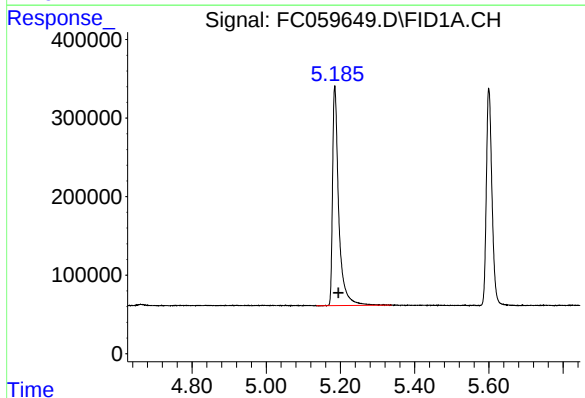
R.T.: 2.644 min  
Delta R.T.: -0.007 min  
Response: 2773414  
Conc: 21.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



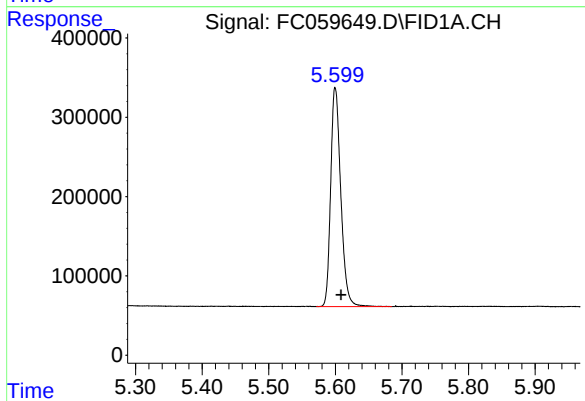
#2 n-Decane (C10)

R.T.: 3.645 min  
Delta R.T.: -0.007 min  
Response: 2817777  
Conc: 22.25 ug/ml



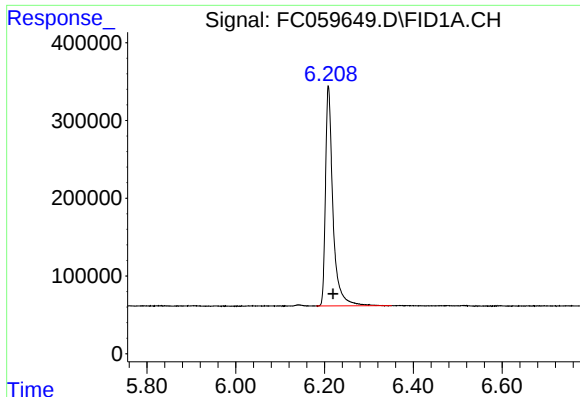
#3 A~Naphthalene (C11.7)

R.T.: 5.185 min  
Delta R.T.: -0.009 min  
Response: 3249531  
Conc: 22.07 ug/ml



#4 n-Dodecane (C12)

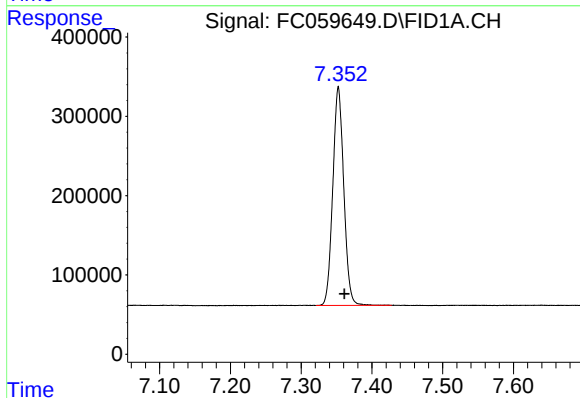
R.T.: 5.600 min  
Delta R.T.: -0.008 min  
Response: 2908563  
Conc: 22.12 ug/ml



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

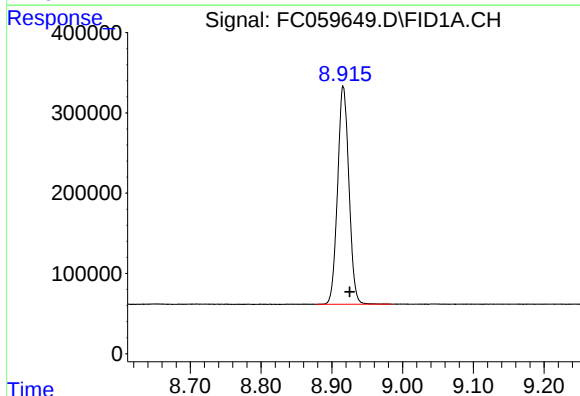
R.T.: 6.209 min  
Delta R.T.: -0.010 min  
Response: 3304089  
Conc: 21.98 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



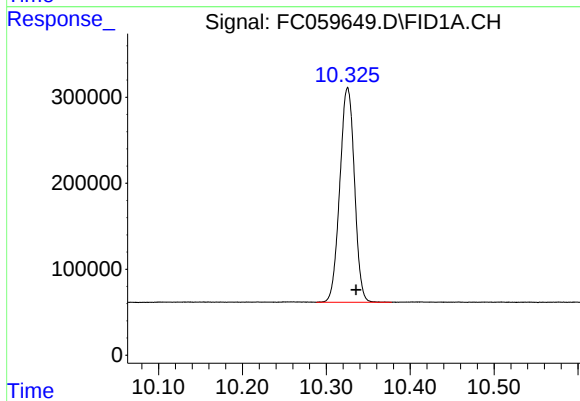
#6 n-Tetradecane (C14)

R.T.: 7.353 min  
Delta R.T.: -0.008 min  
Response: 2972546  
Conc: 22.09 ug/ml



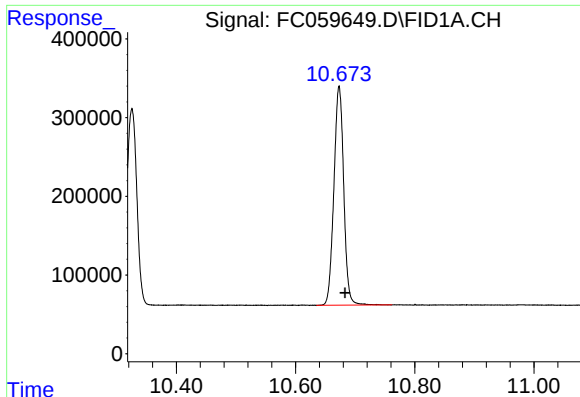
#7 n-Hexadecane (C16)

R.T.: 8.916 min  
Delta R.T.: -0.009 min  
Response: 3023695  
Conc: 22.04 ug/ml



#8 n-Octadecane (C18)

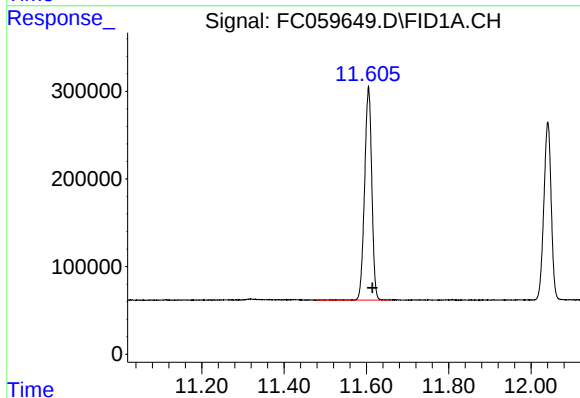
R.T.: 10.325 min  
Delta R.T.: -0.010 min  
Response: 3028305  
Conc: 21.97 ug/ml



#9 ortho-Terphenyl (SURR)

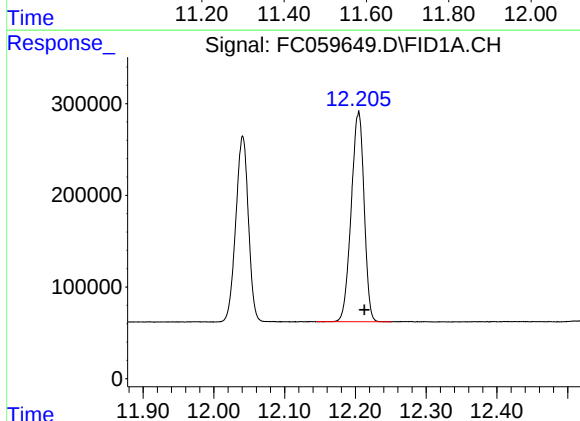
R.T.: 10.673 min  
Delta R.T.: -0.010 min  
Response: 3188949  
Conc: 21.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



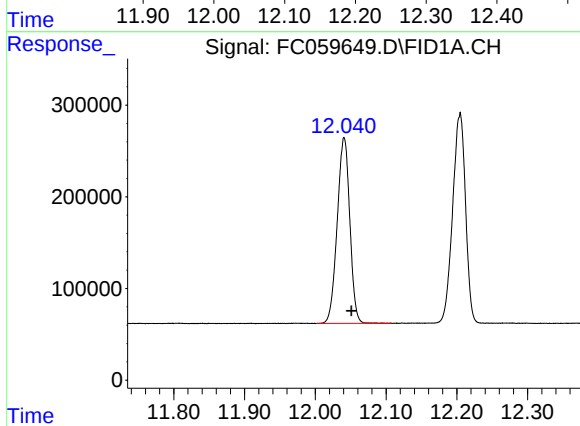
#10 n-Eicosane (C20)

R.T.: 11.605 min  
Delta R.T.: -0.009 min  
Response: 2946790  
Conc: 21.91 ug/ml



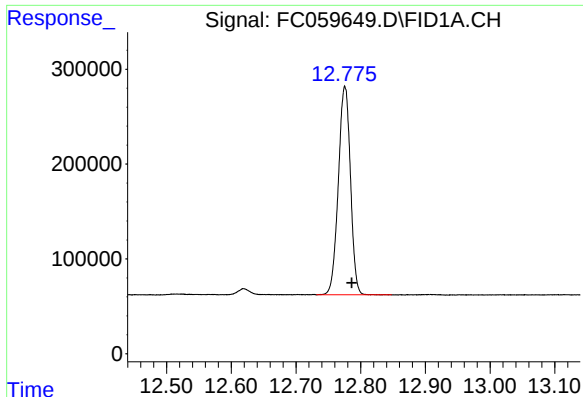
#11 n-Heneicosane (C21)

R.T.: 12.204 min  
Delta R.T.: -0.009 min  
Response: 2894971  
Conc: 21.70 ug/ml



#12 1-chlorooctadecane (SURR)

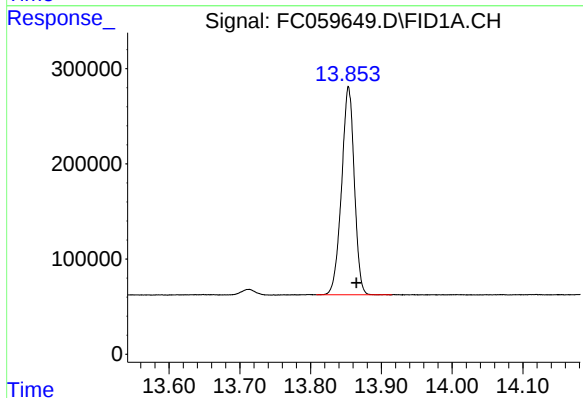
R.T.: 12.041 min  
Delta R.T.: -0.010 min  
Response: 2507411  
Conc: 21.79 ug/ml



#13 n-Docosane (C22)

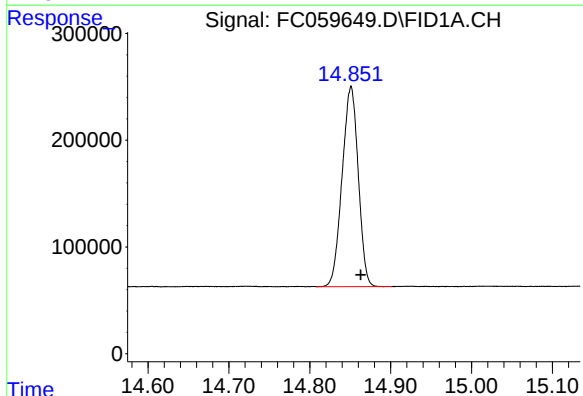
R.T.: 12.776 min  
Delta R.T.: -0.011 min  
Response: 2858289  
Conc: 21.78 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



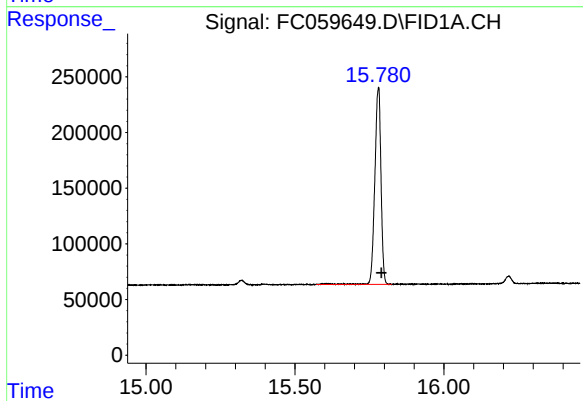
#14 n-Tetracosane (C24)

R.T.: 13.854 min  
Delta R.T.: -0.011 min  
Response: 2733920  
Conc: 21.73 ug/ml



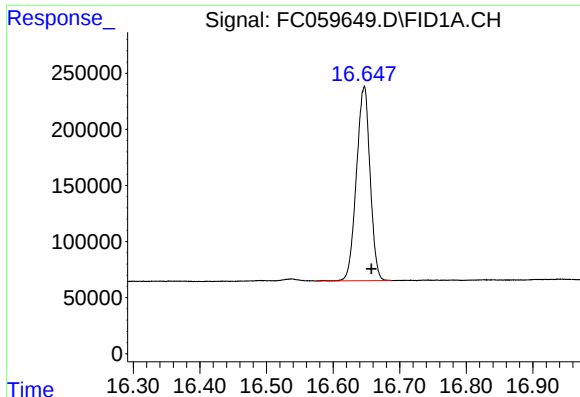
#15 n-Hexacosane (C26)

R.T.: 14.851 min  
Delta R.T.: -0.012 min  
Response: 2596413  
Conc: 21.74 ug/ml



#16 n-Octacosane (C28)

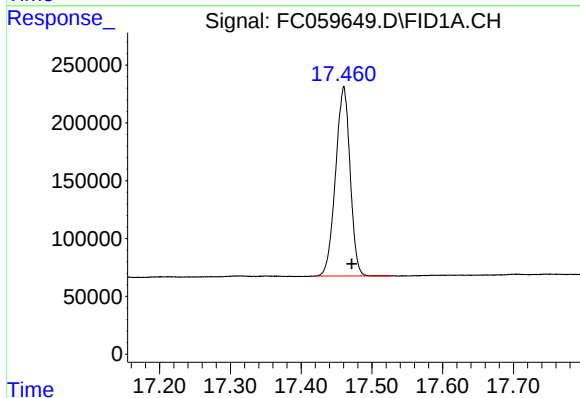
R.T.: 15.780 min  
Delta R.T.: -0.010 min  
Response: 2557749  
Conc: 22.47 ug/ml



#17 n-Tricontane (C30)

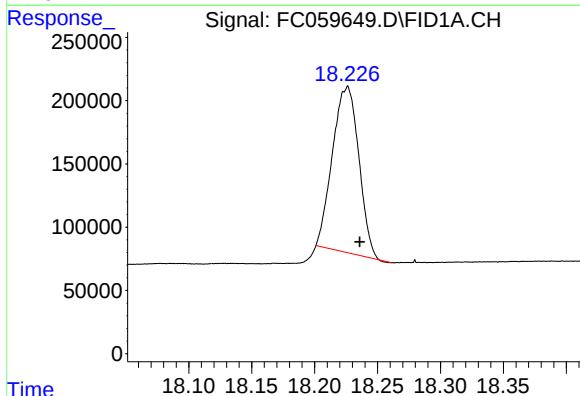
R.T.: 16.646 min  
Delta R.T.: -0.011 min  
Response: 2461653  
Conc: 22.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



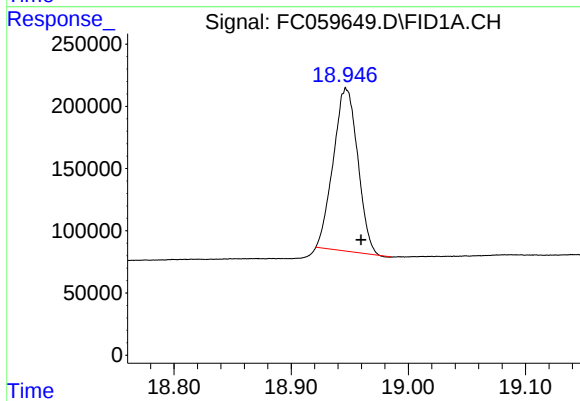
#18 n-Dotriacontane (C32)

R.T.: 17.460 min  
Delta R.T.: -0.012 min  
Response: 2333570  
Conc: 22.57 ug/ml



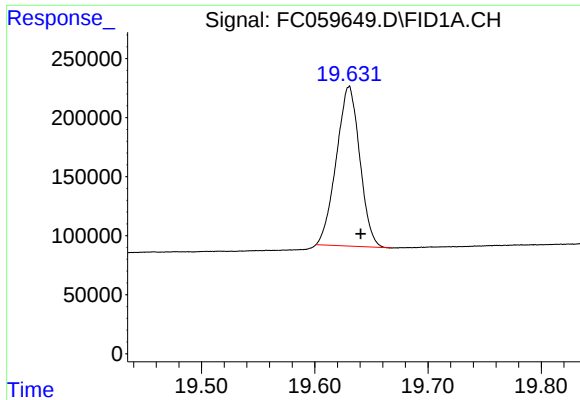
#19 n-Tetratriacontane (C34)

R.T.: 18.225 min  
Delta R.T.: -0.010 min  
Response: 1902777  
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

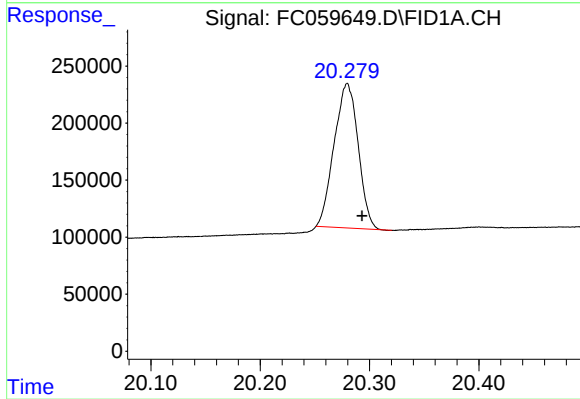
R.T.: 18.947 min  
Delta R.T.: -0.013 min  
Response: 1894729  
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.630 min  
Delta R.T.: -0.010 min  
Response: 1941876  
Conc: 20.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.280 min  
Delta R.T.: -0.013 min  
Response: 1934182  
Conc: 20.43 ug/ml