

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102121AL\  
 Data File : FC056296.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 Oct 2021 23:28  
 Operator : AJ\MA  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Oct 21 00:10:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 21 00:09:06 2021  
 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)    | 11.624 | 1224283    | 9.925 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 19.85%       |
| 12) S 1-chlorooctadecane (S... | 13.055 | 948738     | 9.840 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 19.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.385  | 1063886    | 9.871 ug/ml  |
| 2) T n-Decane (C10)            | 4.451  | 1047544    | 9.694 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.042  | 1191739    | 9.813 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.469  | 1079704    | 9.829 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.098  | 1191950    | 9.708 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.264  | 1103999    | 9.895 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.863  | 1119701    | 9.919 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.303 | 1160322    | 9.975 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.610 | 1138213    | 9.914 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.221 | 1135539    | 9.885 ug/ml  |
| 13) T n-Docosane (C22)         | 13.806 | 1113988    | 9.875 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.905 | 1086254    | 9.800 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.923 | 1041899    | 9.834 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.870 | 1034267    | 9.963 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.753 | 1050418    | 10.291 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.583 | 967372     | 10.274 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.361 | 871192     | 10.009 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.097 | 810566     | 9.992 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.833 | 790905     | 9.925 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.746 | 819128     | 9.998 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

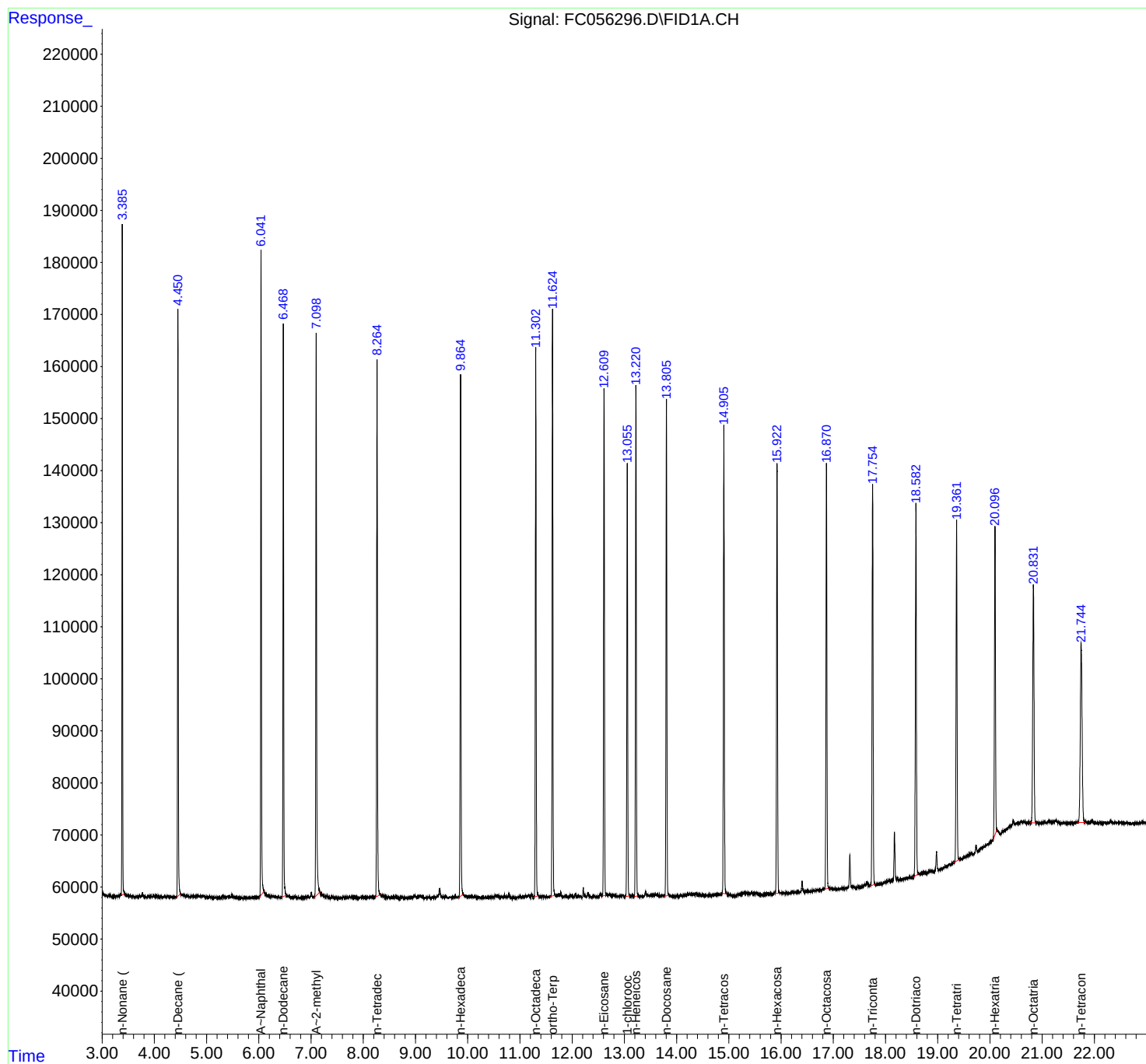
(m)=manual int.

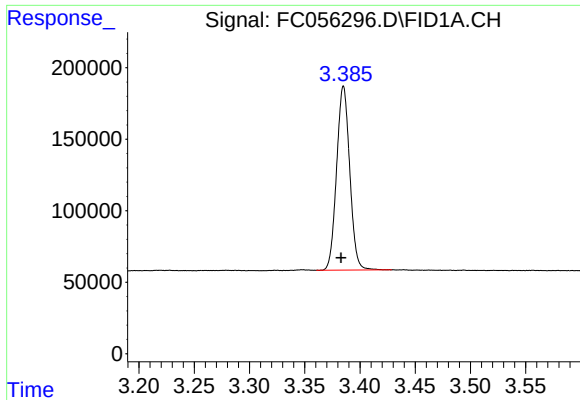
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102121AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

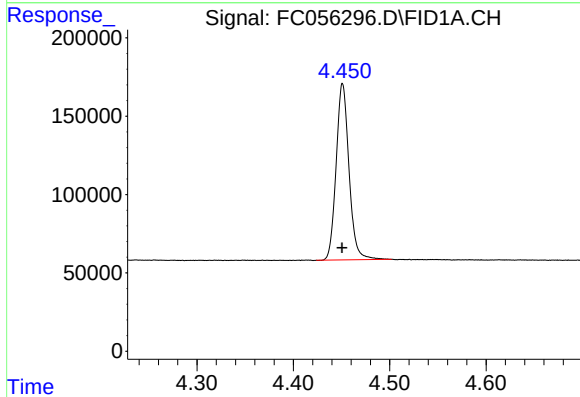




#1 n-Nonane (C9)

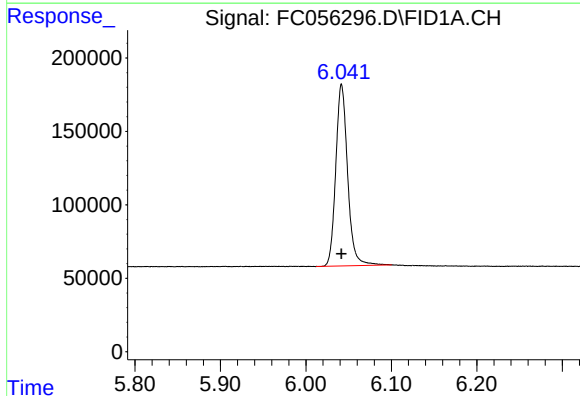
R.T.: 3.385 min  
Delta R.T.: 0.002 min  
Response: 1063886  
Conc: 9.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



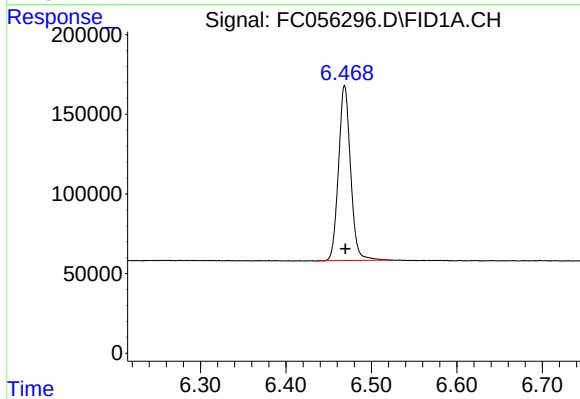
#2 n-Decane (C10)

R.T.: 4.451 min  
Delta R.T.: 0.000 min  
Response: 1047544  
Conc: 9.69 ug/ml



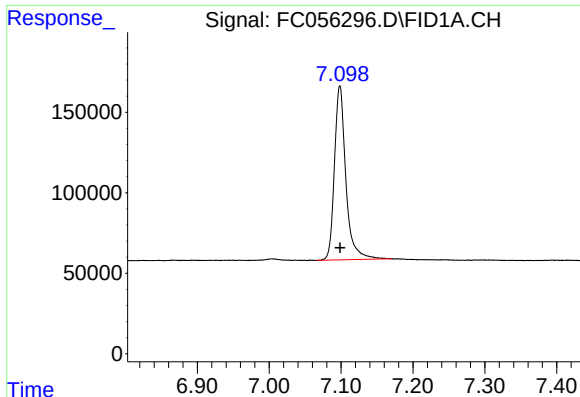
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 1191739  
Conc: 9.81 ug/ml



#4 n-Dodecane (C12)

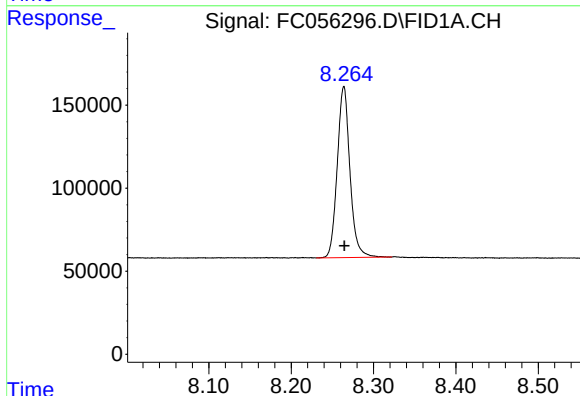
R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 1079704  
Conc: 9.83 ug/ml



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

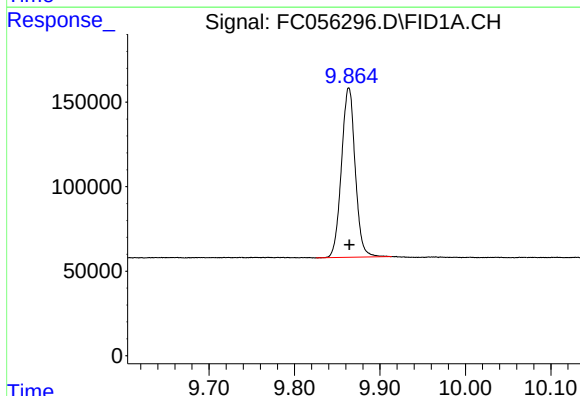
R.T.: 7.098 min  
Delta R.T.: 0.000 min  
Response: 1191950  
Conc: 9.71 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



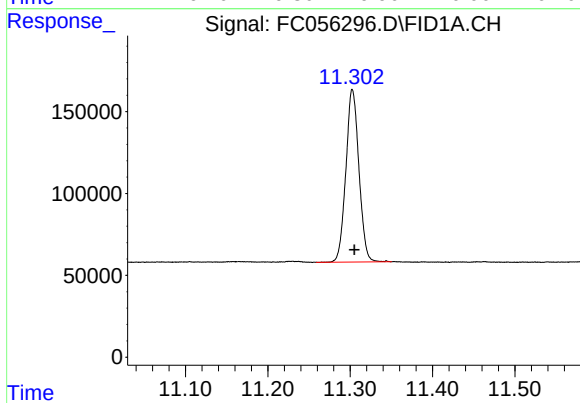
#6 n-Tetradecane (C14)

R.T.: 8.264 min  
Delta R.T.: 0.000 min  
Response: 1103999  
Conc: 9.89 ug/ml



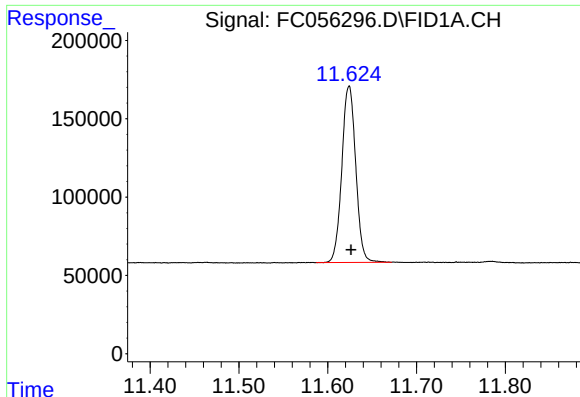
#7 n-Hexadecane (C16)

R.T.: 9.863 min  
Delta R.T.: -0.001 min  
Response: 1119701  
Conc: 9.92 ug/ml



#8 n-Octadecane (C18)

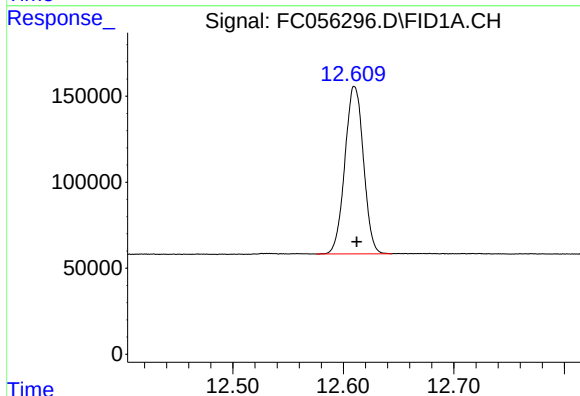
R.T.: 11.303 min  
Delta R.T.: -0.002 min  
Response: 1160322  
Conc: 9.98 ug/ml



#9 ortho-Terphenyl (SURR)

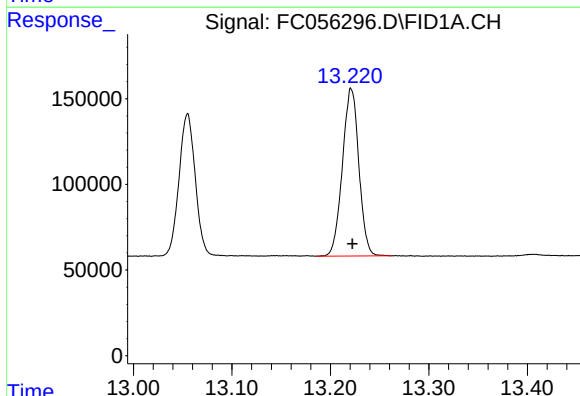
R.T.: 11.624 min  
Delta R.T.: -0.002 min  
Response: 1224283  
Conc: 9.92 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



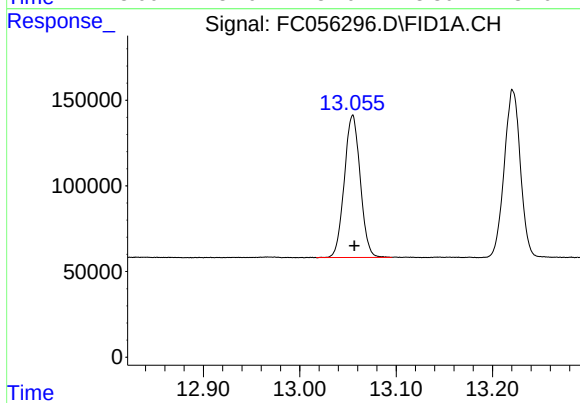
#10 n-Eicosane (C20)

R.T.: 12.610 min  
Delta R.T.: -0.002 min  
Response: 1138213  
Conc: 9.91 ug/ml



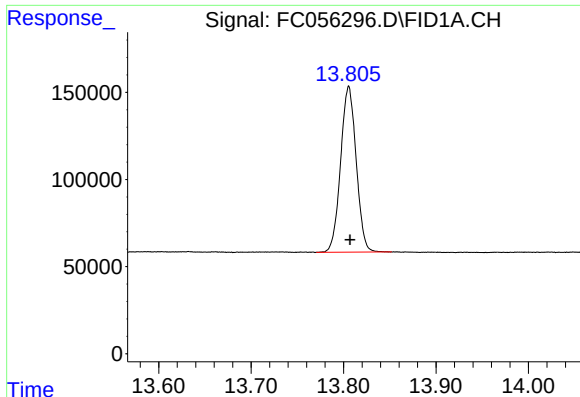
#11 n-Heneicosane (C21)

R.T.: 13.221 min  
Delta R.T.: -0.001 min  
Response: 1135539  
Conc: 9.89 ug/ml



#12 1-chlorooctadecane (SURR)

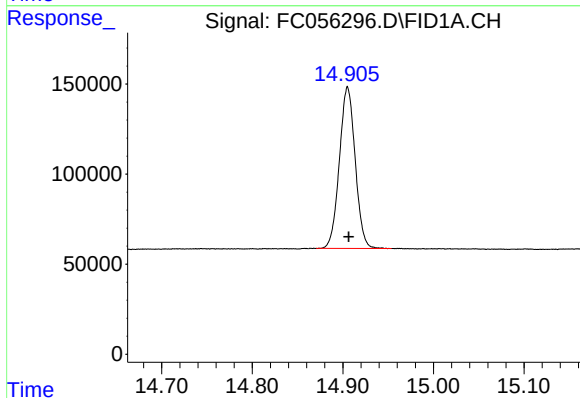
R.T.: 13.055 min  
Delta R.T.: -0.002 min  
Response: 948738  
Conc: 9.84 ug/ml



#13 n-Docosane (C22)

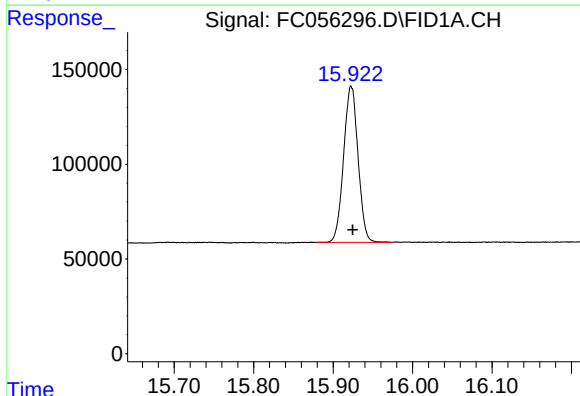
R.T.: 13.806 min  
Delta R.T.: -0.001 min  
Response: 1113988  
Conc: 9.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



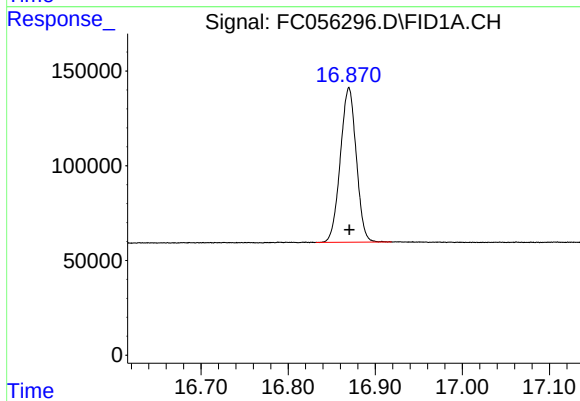
#14 n-Tetracosane (C24)

R.T.: 14.905 min  
Delta R.T.: -0.001 min  
Response: 1086254  
Conc: 9.80 ug/ml



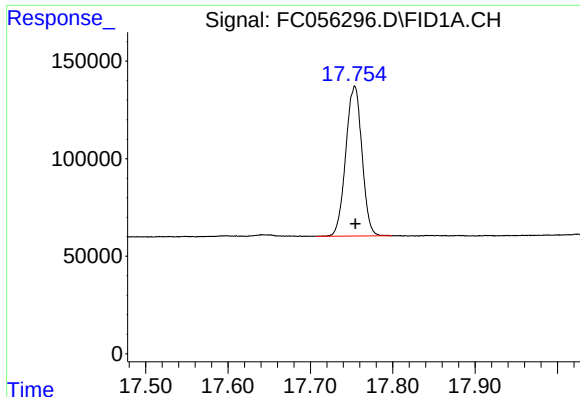
#15 n-Hexacosane (C26)

R.T.: 15.923 min  
Delta R.T.: -0.002 min  
Response: 1041899  
Conc: 9.83 ug/ml



#16 n-Octacosane (C28)

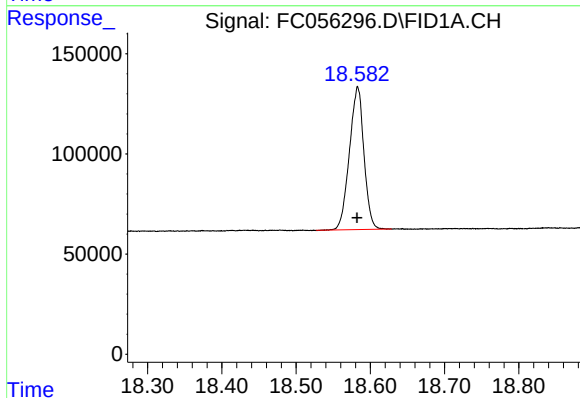
R.T.: 16.870 min  
Delta R.T.: 0.000 min  
Response: 1034267  
Conc: 9.96 ug/ml



#17 n-Tricontane (C30)

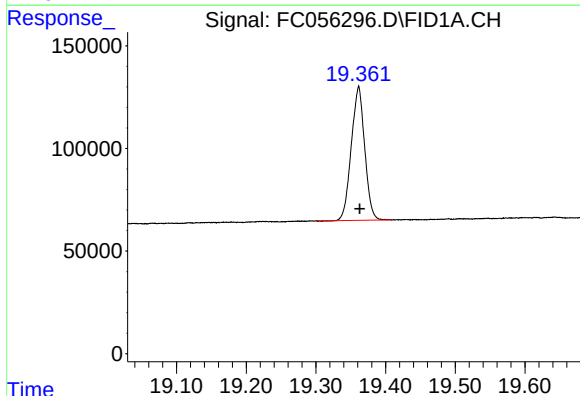
R.T.: 17.753 min  
Delta R.T.: -0.001 min  
Response: 1050418  
Conc: 10.29 ug/ml

Instrument :  
FID\_C  
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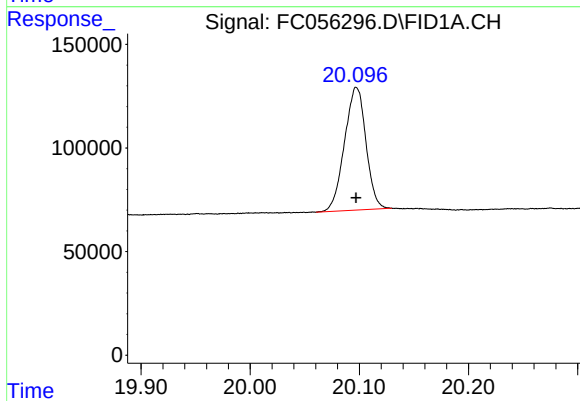
#18 n-Dotriacontane (C32)

R.T.: 18.583 min  
Delta R.T.: 0.000 min  
Response: 967372  
Conc: 10.27 ug/ml



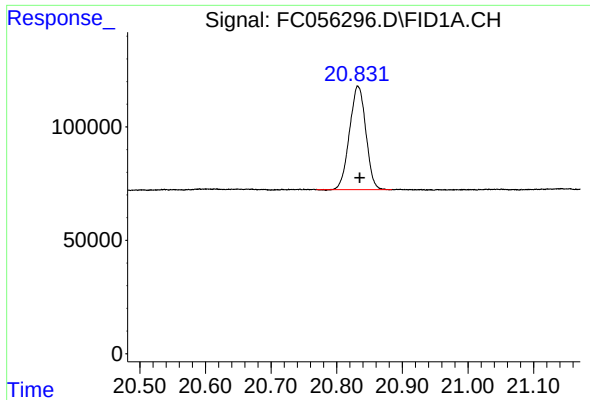
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min  
Delta R.T.: -0.002 min  
Response: 871192  
Conc: 10.01 ug/ml



#20 n-Hexatriacontane (C36)

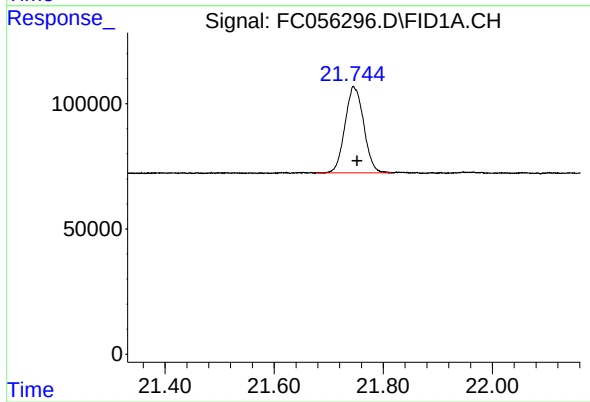
R.T.: 20.097 min  
Delta R.T.: 0.000 min  
Response: 810566  
Conc: 9.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min  
Delta R.T.: -0.002 min  
Response: 790905  
Conc: 9.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.746 min  
Delta R.T.: -0.006 min  
Response: 819128  
Conc: 10.00 ug/ml