

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052220AL\  
 Data File : FC047577.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 May 2020 23:46  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 23 01:05:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050820.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 08 16:49:27 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)    | 11.739 | 2408637    | 20.149 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.30%       |
| 12) S 1-chlorooctadecane (S... | 13.152 | 1946072    | 19.841 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.547  | 2268062    | 22.373 ug/ml |
| 2) T n-Decane (C10)            | 4.611  | 2322114    | 22.724 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.210  | 2284144    | 21.936 ug/ml |
| 4) T n-Dodecane (C12)          | 6.611  | 2386398    | 22.593 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.257  | 2302597    | 21.927 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.388  | 2350674    | 22.223 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.976  | 2286332    | 21.608 ug/ml |
| 8) T n-Octadecane (C18)        | 11.406 | 2346029    | 20.951 ug/ml |
| 10) T n-Eicosane (C20)         | 12.706 | 2313019    | 20.328 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.313 | 2276652    | 20.025 ug/ml |
| 13) T n-Docosane (C22)         | 13.896 | 2275054    | 20.020 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.991 | 2276902    | 20.124 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.004 | 2213493    | 19.763 ug/ml |
| 16) T n-Octacosane (C28)       | 16.947 | 2216147    | 19.869 ug/ml |
| 17) T n-Tricontane (C30)       | 17.830 | 2207383    | 20.416 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.657 | 2057291    | 20.862 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.435 | 1898842    | 20.702 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.169 | 1968388    | 22.697 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.924 | 1705891    | 21.142 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.864 | 1725749    | 21.221 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

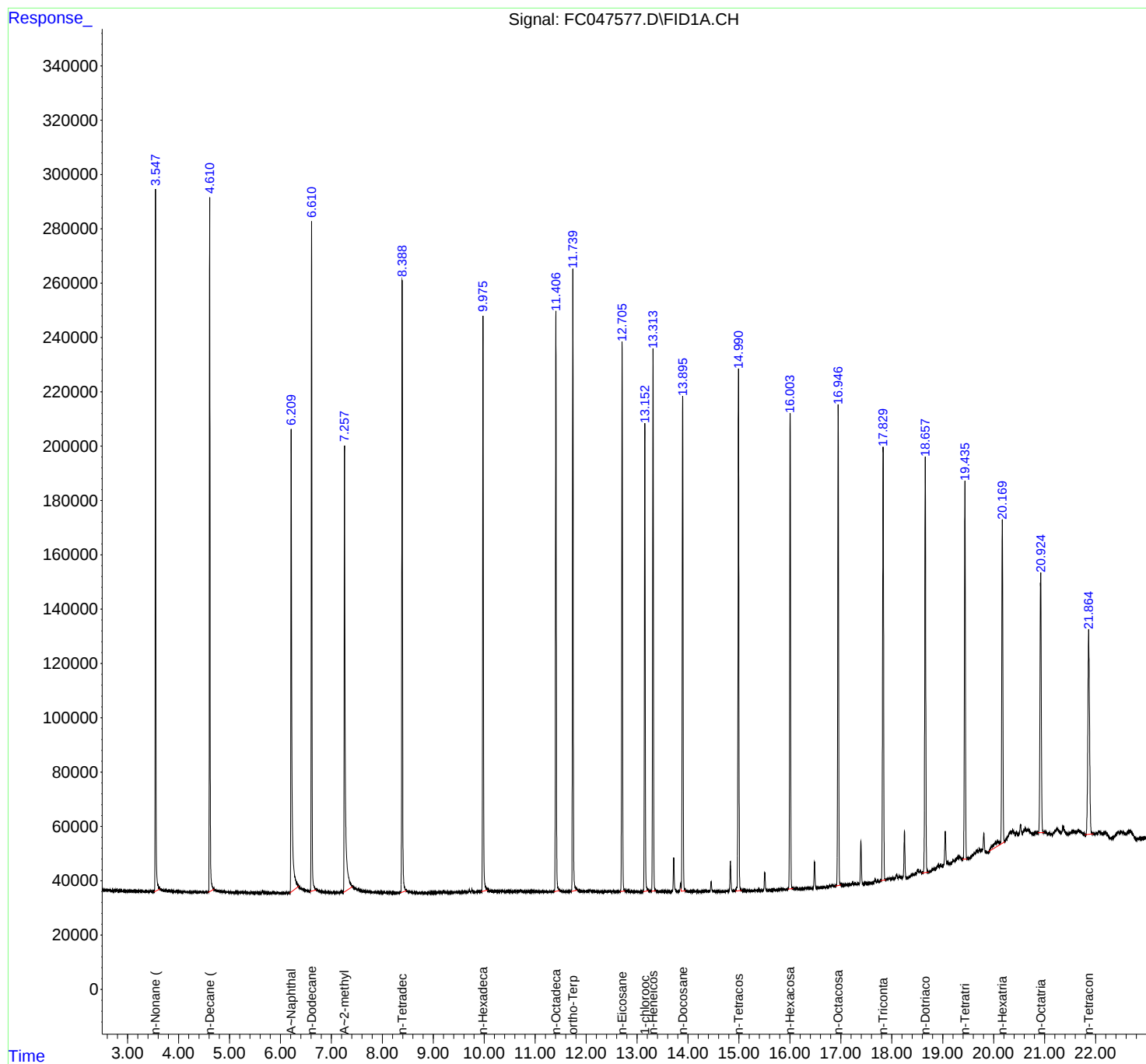
(m)=manual int.

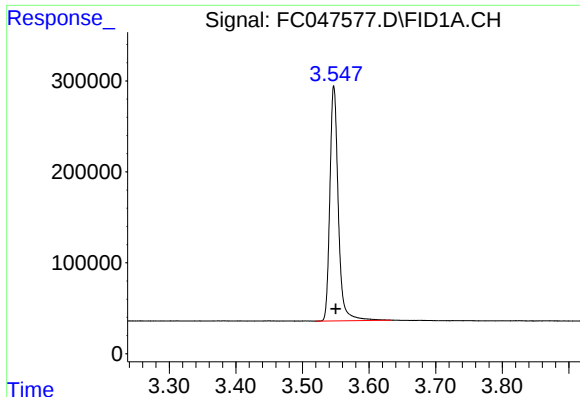
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052220AL\  
Data File : FC047577.D  
Signal(s) : FID1A.CH  
Acq On : 22 May 2020 23:46  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
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20 PPM ALIPHATIC HC STD

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

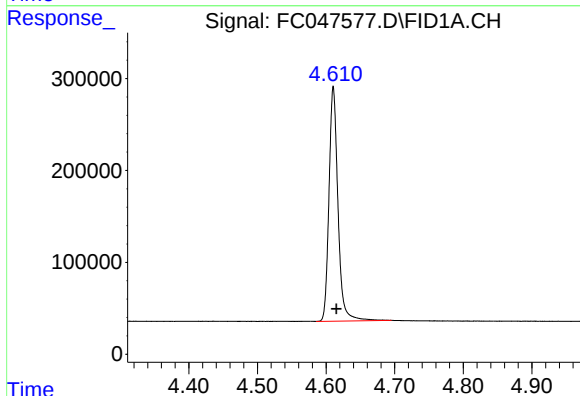




#1 n-Nonane (C9)

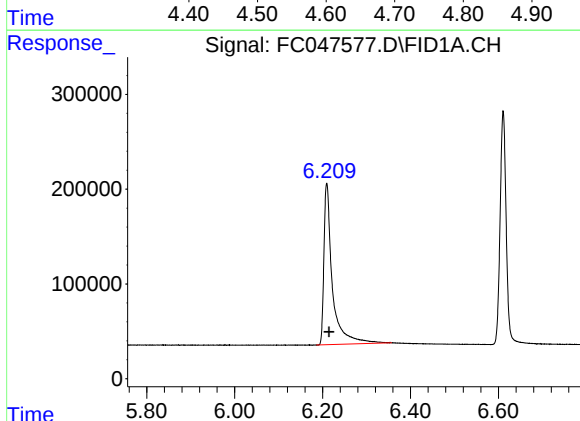
R.T.: 3.547 min  
Delta R.T.: -0.003 min  
Response: 2268062  
Conc: 22.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



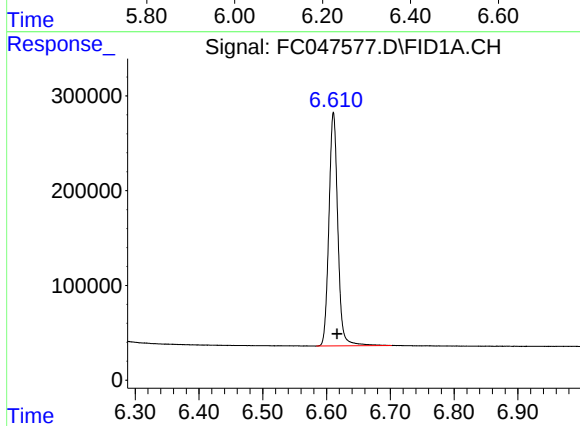
#2 n-Decane (C10)

R.T.: 4.611 min  
Delta R.T.: -0.004 min  
Response: 2322114  
Conc: 22.72 ug/ml



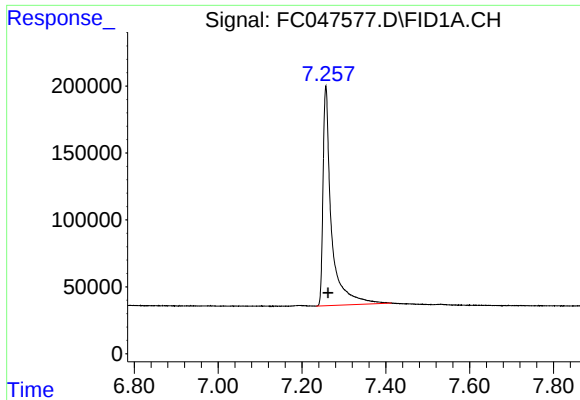
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min  
Delta R.T.: -0.005 min  
Response: 2284144  
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

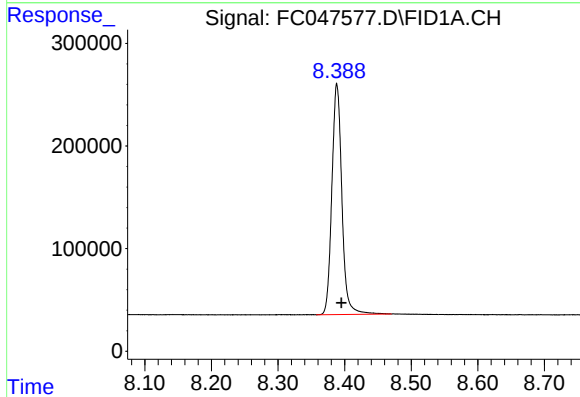
R.T.: 6.611 min  
Delta R.T.: -0.006 min  
Response: 2386398  
Conc: 22.59 ug/ml



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

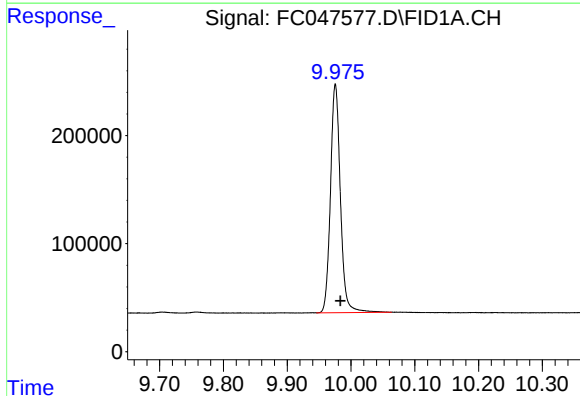
R.T.: 7.257 min  
Delta R.T.: -0.005 min  
Response: 2302597  
Conc: 21.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



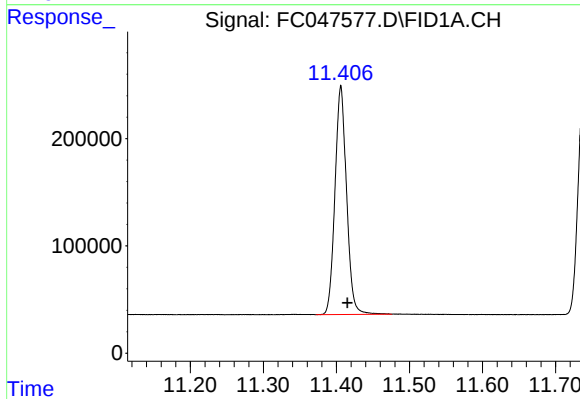
#6 n-Tetradecane (C14)

R.T.: 8.388 min  
Delta R.T.: -0.007 min  
Response: 2350674  
Conc: 22.22 ug/ml



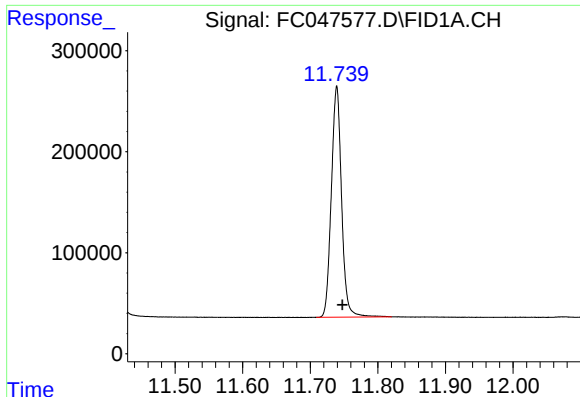
#7 n-Hexadecane (C16)

R.T.: 9.976 min  
Delta R.T.: -0.008 min  
Response: 2286332  
Conc: 21.61 ug/ml



#8 n-Octadecane (C18)

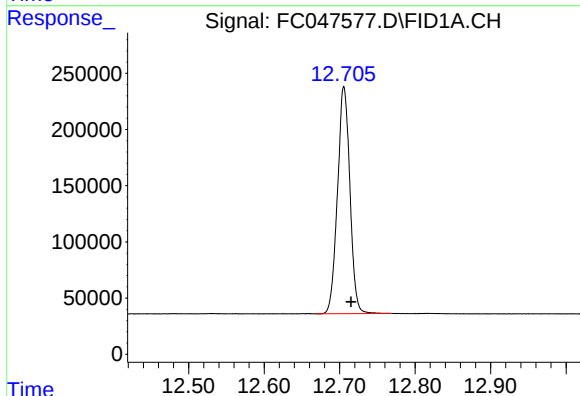
R.T.: 11.406 min  
Delta R.T.: -0.009 min  
Response: 2346029  
Conc: 20.95 ug/ml



#9 ortho-Terphenyl (SURR)

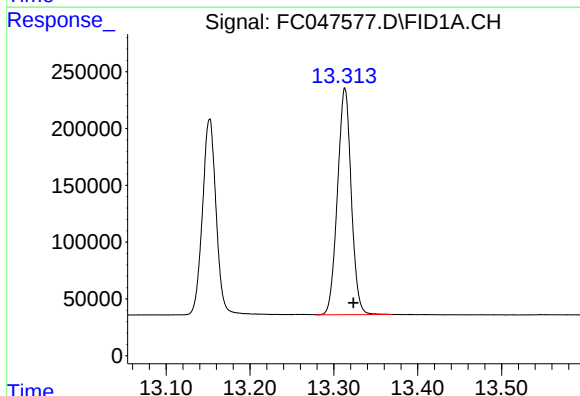
R.T.: 11.739 min  
Delta R.T.: -0.008 min  
Response: 2408637  
Conc: 20.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



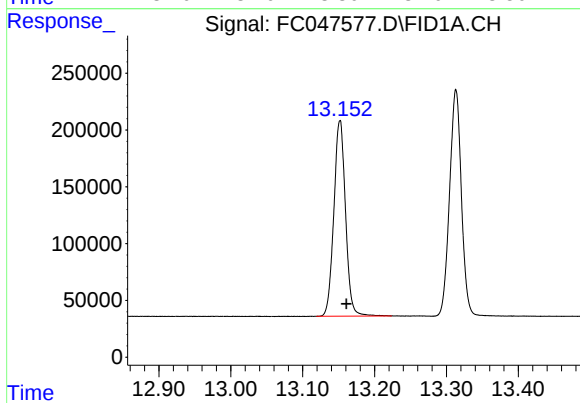
#10 n-Eicosane (C20)

R.T.: 12.706 min  
Delta R.T.: -0.009 min  
Response: 2313019  
Conc: 20.33 ug/ml



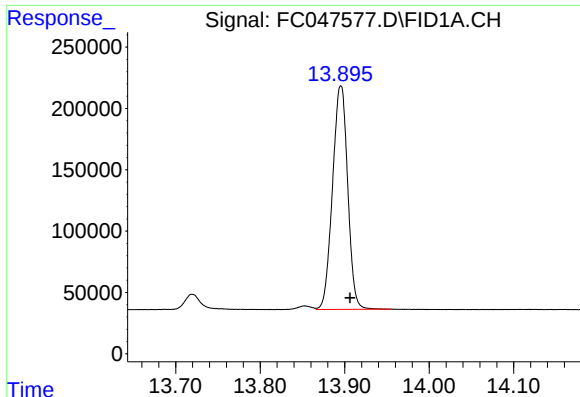
#11 n-Heneicosane (C21)

R.T.: 13.313 min  
Delta R.T.: -0.010 min  
Response: 2276652  
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

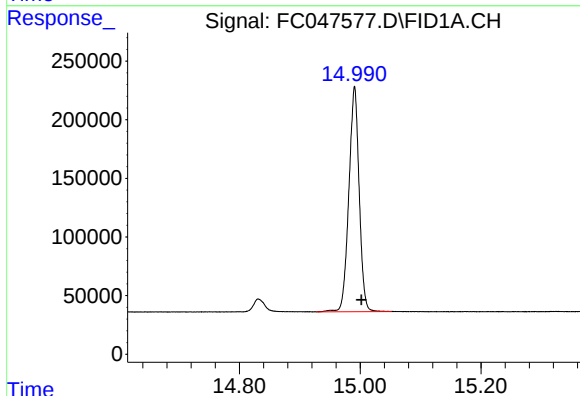
R.T.: 13.152 min  
Delta R.T.: -0.009 min  
Response: 1946072  
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

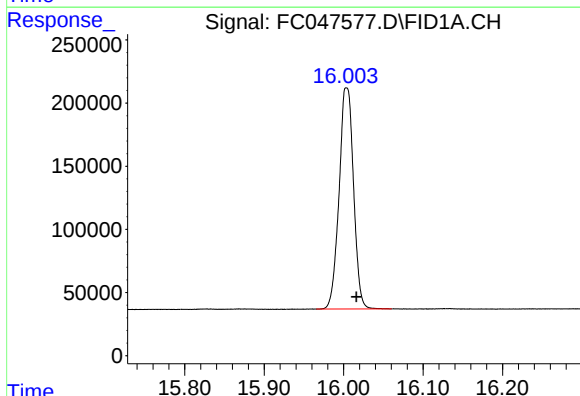
R.T.: 13.896 min  
Delta R.T.: -0.011 min  
Response: 2275054  
Conc: 20.02 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



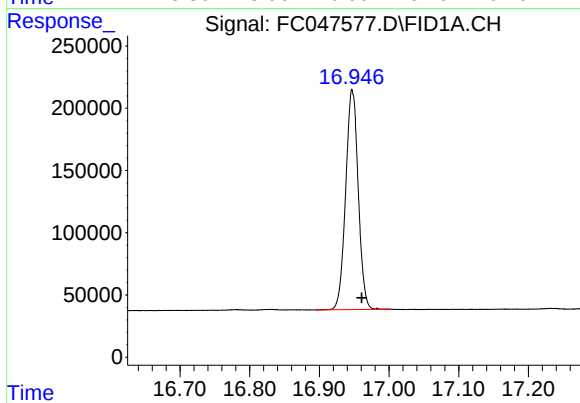
#14 n-Tetracosane (C24)

R.T.: 14.991 min  
Delta R.T.: -0.011 min  
Response: 2276902  
Conc: 20.12 ug/ml



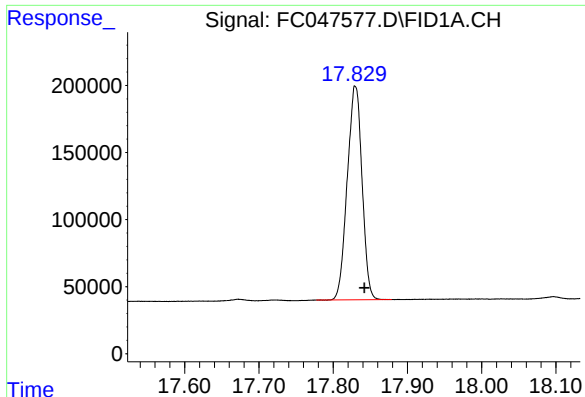
#15 n-Hexacosane (C26)

R.T.: 16.004 min  
Delta R.T.: -0.012 min  
Response: 2213493  
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

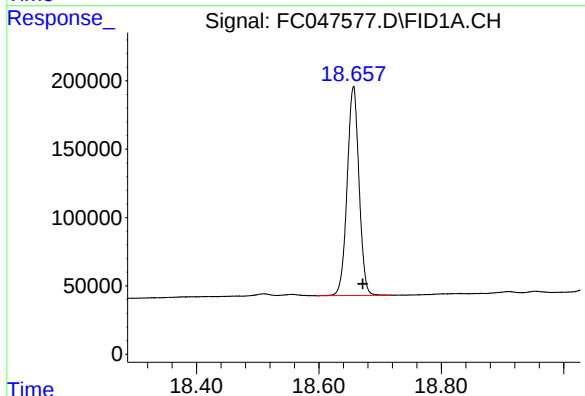
R.T.: 16.947 min  
Delta R.T.: -0.014 min  
Response: 2216147  
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

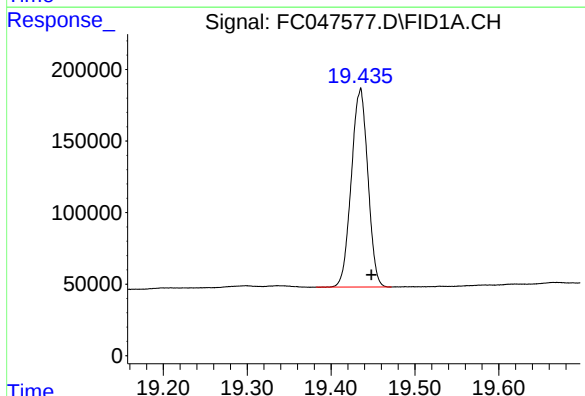
R.T.: 17.830 min  
Delta R.T.: -0.012 min  
Response: 2207383  
Conc: 20.42 ug/ml

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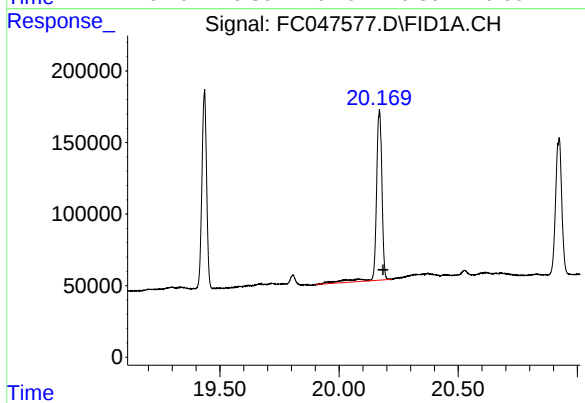
#18 n-Dotriacontane (C32)

R.T.: 18.657 min  
Delta R.T.: -0.015 min  
Response: 2057291  
Conc: 20.86 ug/ml



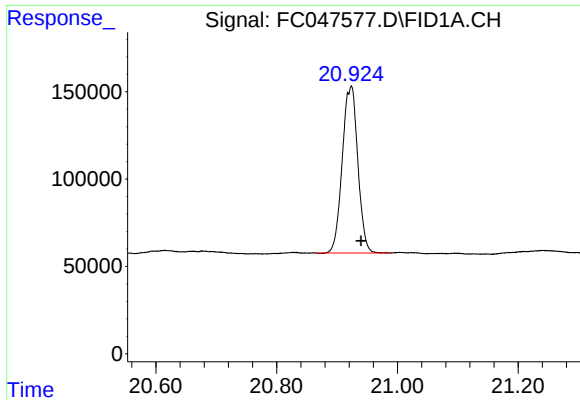
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min  
Delta R.T.: -0.013 min  
Response: 1898842  
Conc: 20.70 ug/ml



#20 n-Hexatriacontane (C36)

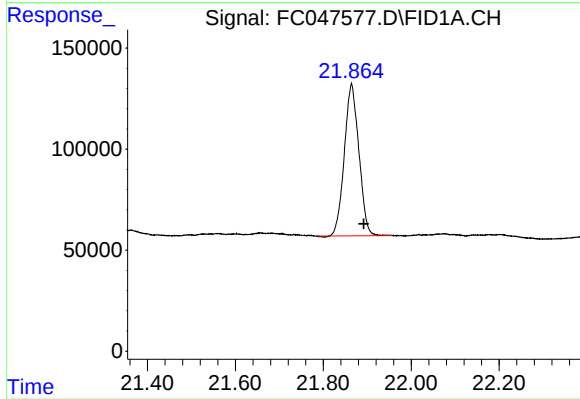
R.T.: 20.169 min  
Delta R.T.: -0.015 min  
Response: 1968388  
Conc: 22.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.924 min  
Delta R.T.: -0.016 min  
Response: 1705891  
Conc: 21.14 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.864 min  
Delta R.T.: -0.028 min  
Response: 1725749  
Conc: 21.22 ug/ml