

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062420AL\  
 Data File : FC048056.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Jun 2020 00:18  
 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: Jun 25 01:56:57 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 060920.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 10 08:39:57 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)    | 11.723 | 2405238    | 20.051 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.10%       |
| 12) S 1-chlorooctadecane (S... | 13.135 | 1938339    | 19.792 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.58%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.536  | 2166191    | 21.647 ug/ml |
| 2) T n-Decane (C10)            | 4.598  | 2203014    | 21.926 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.198  | 2166068    | 21.468 ug/ml |
| 4) T n-Dodecane (C12)          | 6.597  | 2292904    | 21.903 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.245  | 2162957    | 20.897 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.374  | 2294041    | 21.857 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.960  | 2261981    | 21.650 ug/ml |
| 8) T n-Octadecane (C18)        | 11.390 | 2343138    | 21.079 ug/ml |
| 10) T n-Eicosane (C20)         | 12.690 | 2318609    | 20.374 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.297 | 2279258    | 19.918 ug/ml |
| 13) T n-Docosane (C22)         | 13.879 | 2232335    | 19.461 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.974 | 2144930    | 18.665 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.989 | 2051330    | 17.959 ug/ml |
| 16) T n-Octacosane (C28)       | 16.934 | 2002263    | 17.617 ug/ml |
| 17) T n-Tricontane (C30)       | 17.813 | 1961569    | 17.898 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.641 | 1822263    | 18.382 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.420 | 1743116    | 19.033 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.155 | 1680537    | 19.596 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.904 | 1618330    | 20.322 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.841 | 1642599    | 20.775 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

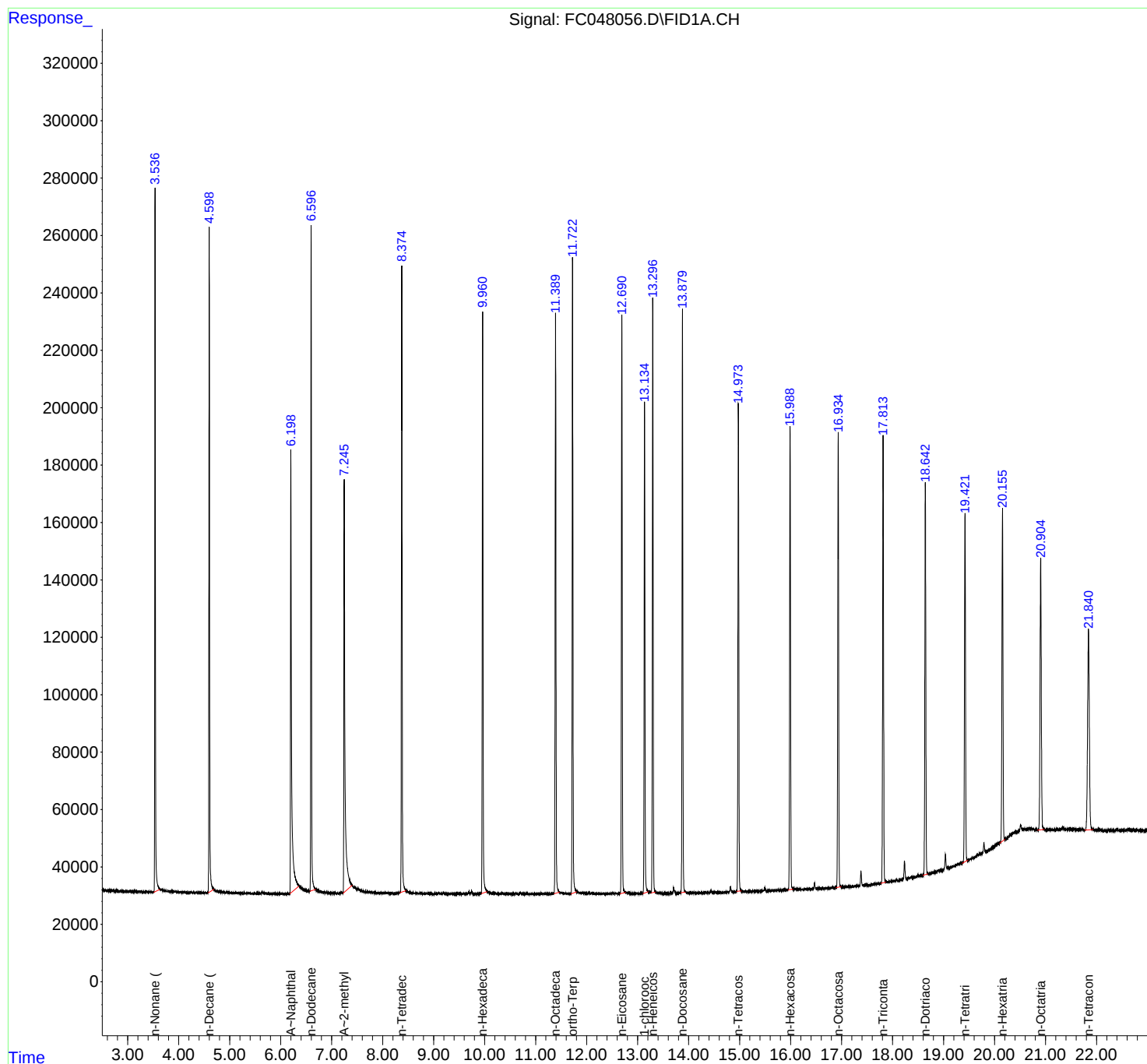
(m)=manual int.

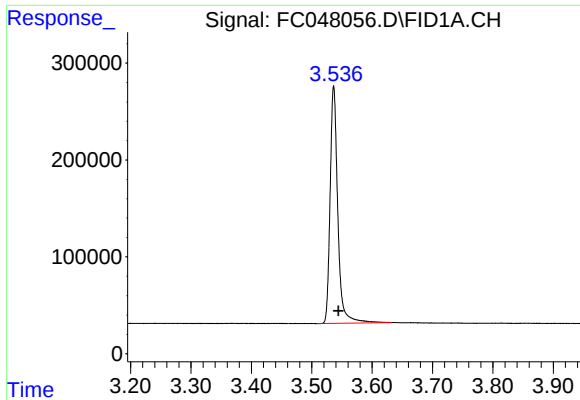
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062420AL\  
Data File : FC048056.D  
Signal(s) : FID1A.CH  
Acq On : 25 Jun 2020 00:18  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 060920.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 10 08:39:57 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

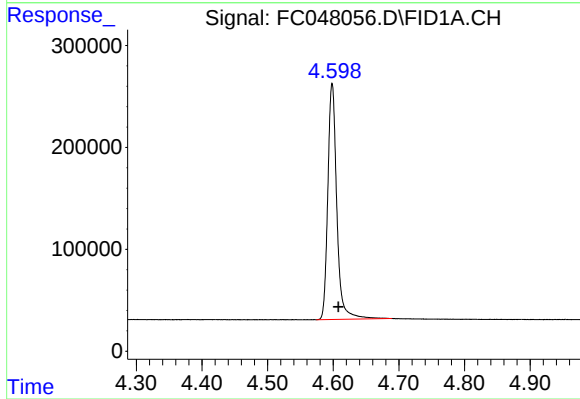




#1 n-Nonane (C9)

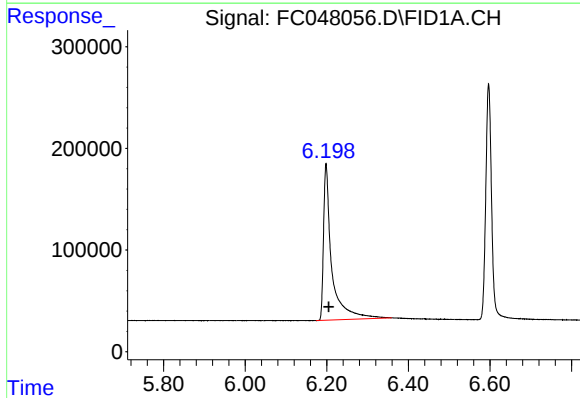
R.T.: 3.536 min  
Delta R.T.: -0.008 min  
Response: 2166191  
Conc: 21.65 ug/ml

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



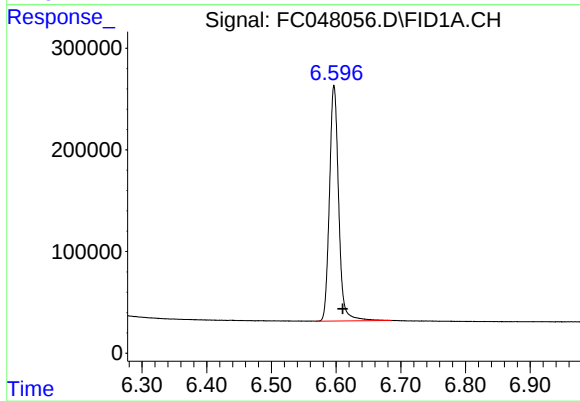
#2 n-Decane (C10)

R.T.: 4.598 min  
Delta R.T.: -0.010 min  
Response: 2203014  
Conc: 21.93 ug/ml



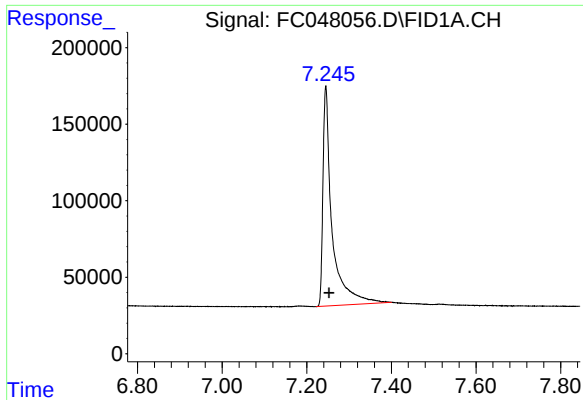
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min  
Delta R.T.: -0.006 min  
Response: 2166068  
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

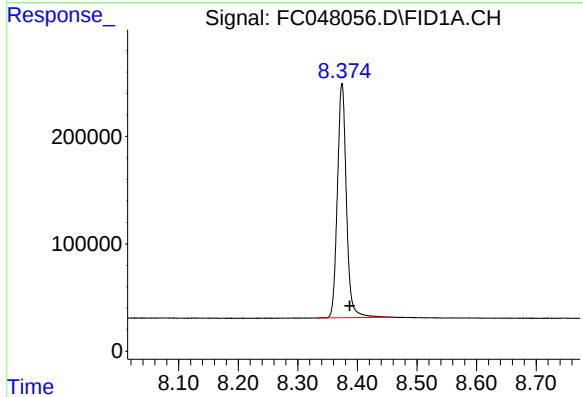
R.T.: 6.597 min  
Delta R.T.: -0.013 min  
Response: 2292904  
Conc: 21.90 ug/ml



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

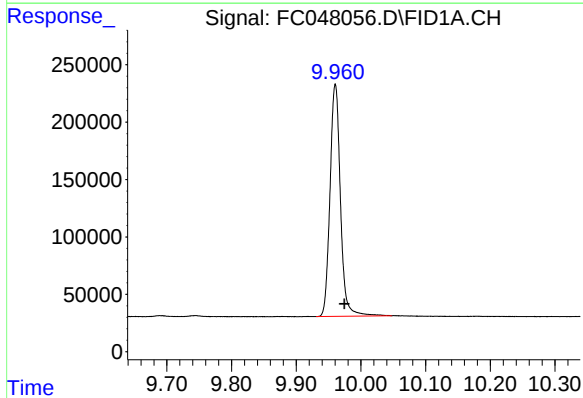
R.T.: 7.245 min  
Delta R.T.: -0.007 min  
Response: 2162957  
Conc: 20.90 ug/ml

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



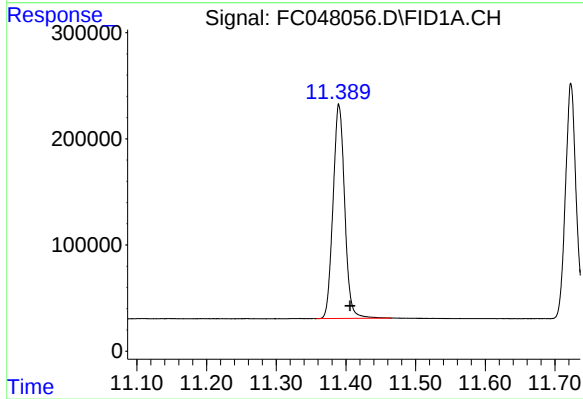
#6 n-Tetradecane (C14)

R.T.: 8.374 min  
Delta R.T.: -0.013 min  
Response: 2294041  
Conc: 21.86 ug/ml



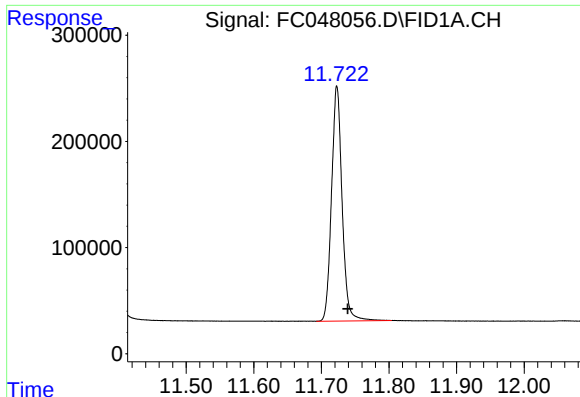
#7 n-Hexadecane (C16)

R.T.: 9.960 min  
Delta R.T.: -0.014 min  
Response: 2261981  
Conc: 21.65 ug/ml



#8 n-Octadecane (C18)

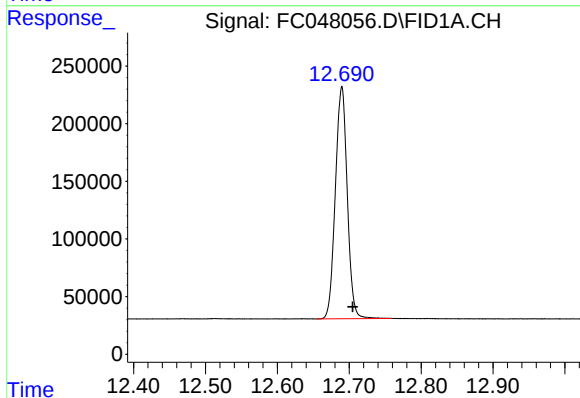
R.T.: 11.390 min  
Delta R.T.: -0.016 min  
Response: 2343138  
Conc: 21.08 ug/ml



#9 ortho-Terphenyl (SURR)

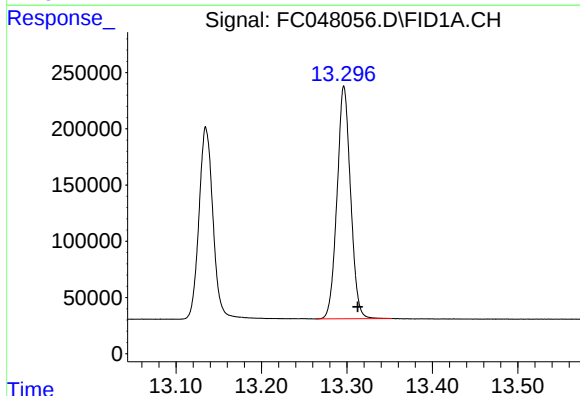
R.T.: 11.723 min  
Delta R.T.: -0.016 min  
Response: 2405238  
Conc: 20.05 ug/ml

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



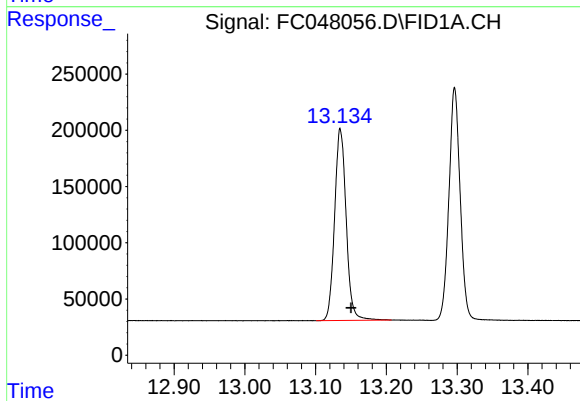
#10 n-Eicosane (C20)

R.T.: 12.690 min  
Delta R.T.: -0.015 min  
Response: 2318609  
Conc: 20.37 ug/ml



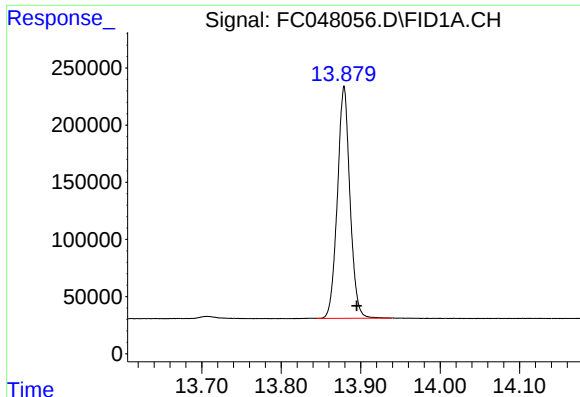
#11 n-Heneicosane (C21)

R.T.: 13.297 min  
Delta R.T.: -0.016 min  
Response: 2279258  
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

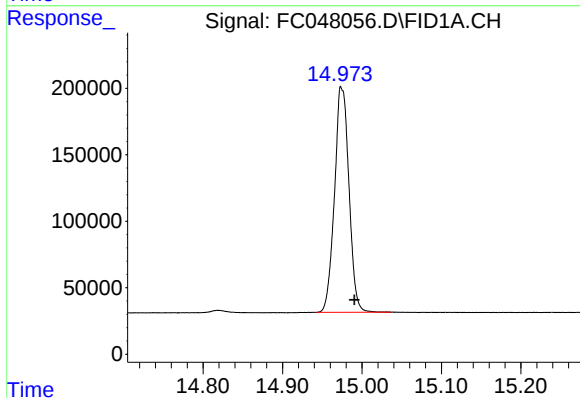
R.T.: 13.135 min  
Delta R.T.: -0.015 min  
Response: 1938339  
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

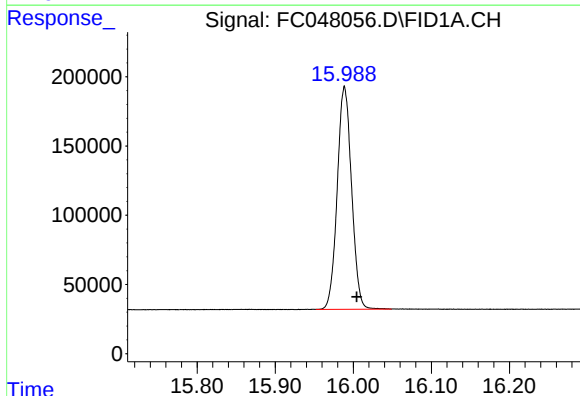
R.T.: 13.879 min  
Delta R.T.: -0.016 min  
Response: 2232335  
Conc: 19.46 ug/ml

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



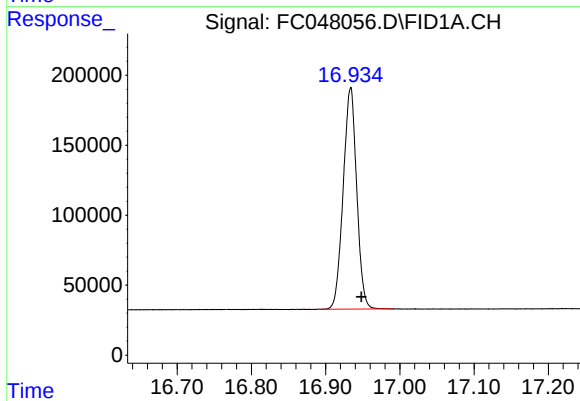
#14 n-Tetracosane (C24)

R.T.: 14.974 min  
Delta R.T.: -0.016 min  
Response: 2144930  
Conc: 18.67 ug/ml



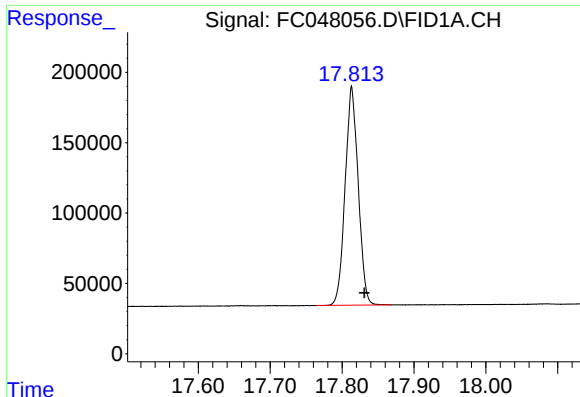
#15 n-Hexacosane (C26)

R.T.: 15.989 min  
Delta R.T.: -0.016 min  
Response: 2051330  
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

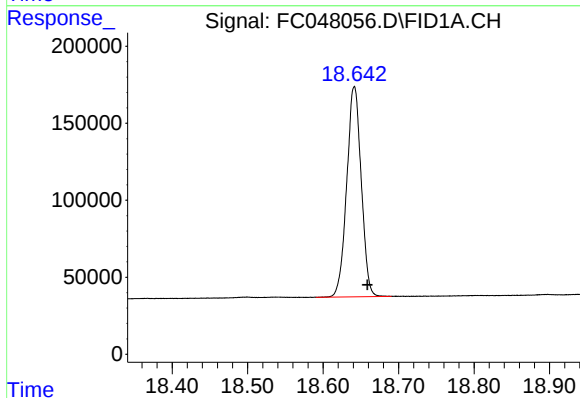
R.T.: 16.934 min  
Delta R.T.: -0.015 min  
Response: 2002263  
Conc: 17.62 ug/ml



#17 n-Tricontane (C30)

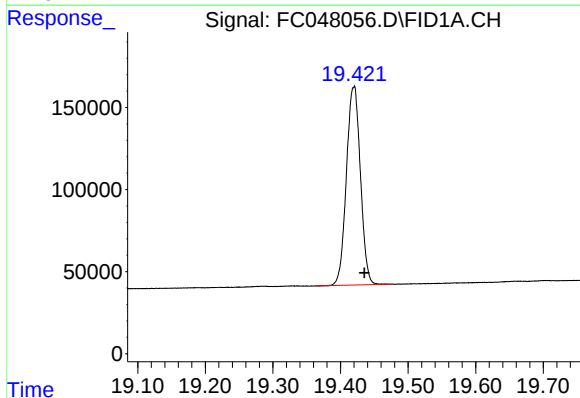
R.T.: 17.813 min  
Delta R.T.: -0.017 min  
Response: 1961569  
Conc: 17.90 ug/ml

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



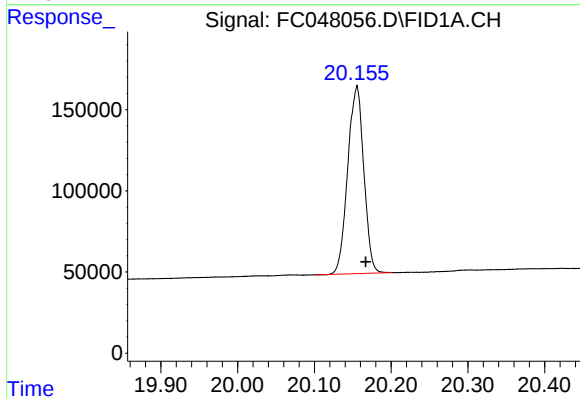
#18 n-Dotriacontane (C32)

R.T.: 18.641 min  
Delta R.T.: -0.017 min  
Response: 1822263  
Conc: 18.38 ug/ml



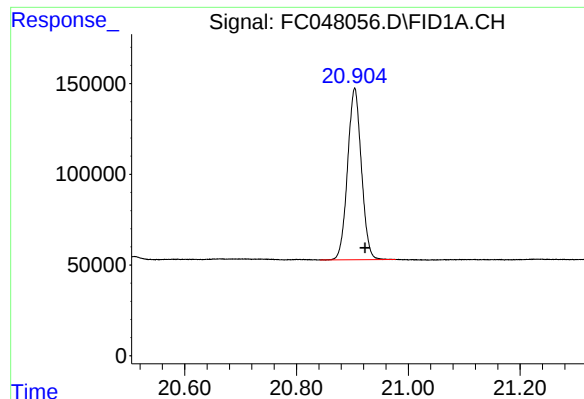
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min  
Delta R.T.: -0.015 min  
Response: 1743116  
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

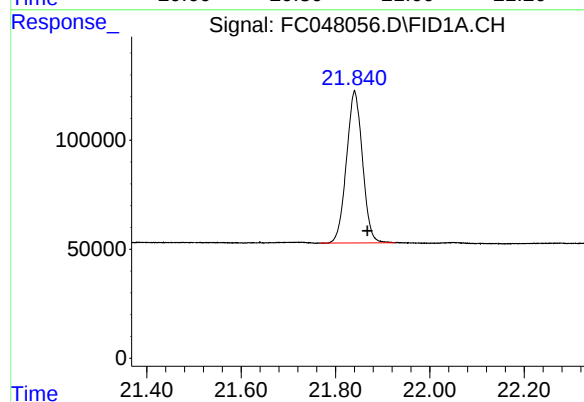
R.T.: 20.155 min  
Delta R.T.: -0.012 min  
Response: 1680537  
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.904 min  
Delta R.T.: -0.019 min  
Response: 1618330  
Conc: 20.32 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.841 min  
Delta R.T.: -0.027 min  
Response: 1642599  
Conc: 20.77 ug/ml