

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101620AL\  
 Data File : FC050161.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Oct 2020 12:05  
 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: Oct 17 01:45:36 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100620.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 07 04:53:04 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)    | 11.632 | 2071202    | 18.478 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.96%       |
| 12) S 1-chlorooctadecane (S... | 13.066 | 1600543    | 18.477 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.95%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.377  | 1975786    | 19.938 ug/ml |
| 2) T n-Decane (C10)            | 4.448  | 1984654    | 19.934 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.042  | 2158132    | 19.581 ug/ml |
| 4) T n-Dodecane (C12)          | 6.470  | 1997716    | 19.799 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.101  | 2165645    | 19.457 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.267  | 1969901    | 19.663 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.868  | 1911356    | 19.394 ug/ml |
| 8) T n-Octadecane (C18)        | 11.311 | 1965261    | 19.030 ug/ml |
| 10) T n-Eicosane (C20)         | 12.620 | 1942199    | 18.665 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.232 | 1915616    | 18.434 ug/ml |
| 13) T n-Docosane (C22)         | 13.818 | 1893540    | 18.241 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.920 | 1844861    | 17.762 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.940 | 1797385    | 17.442 ug/ml |
| 16) T n-Octacosane (C28)       | 16.889 | 1773121    | 17.133 ug/ml |
| 17) T n-Tricontane (C30)       | 17.776 | 1732384    | 16.976 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.606 | 1629074    | 16.958 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.389 | 1551746    | 16.918 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.128 | 1358704    | 15.339 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.873 | 1570473    | 19.046 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.806 | 1569030    | 18.764 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

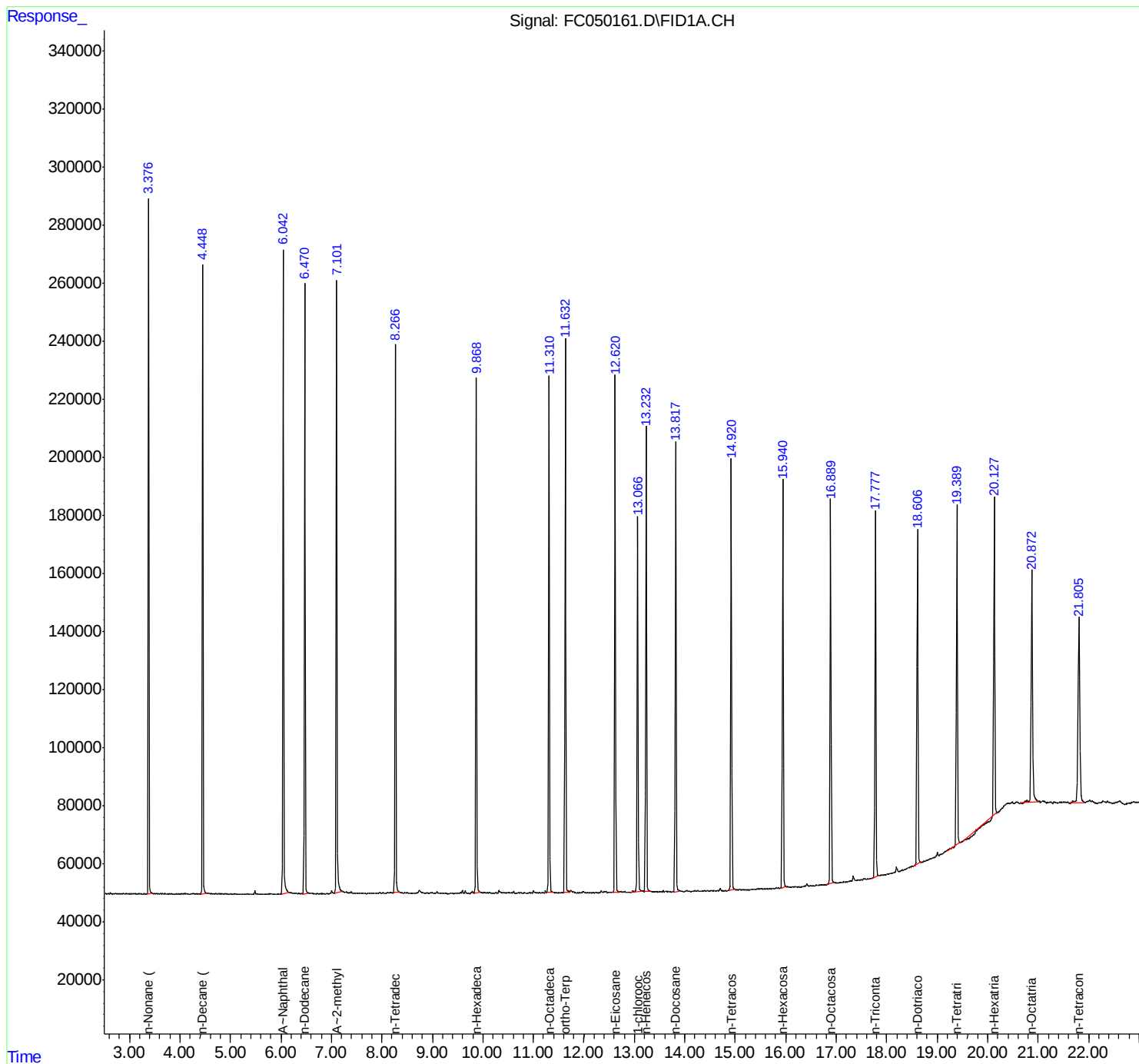
(m)=manual int.

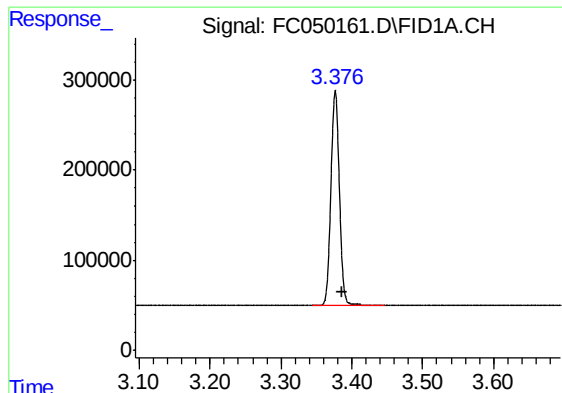
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101620AL\  
Data File : FC050161.D  
Signal(s) : FID1A.CH  
Acq On : 16 Oct 2020 12:05  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Wed Oct 07 04:53:04 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

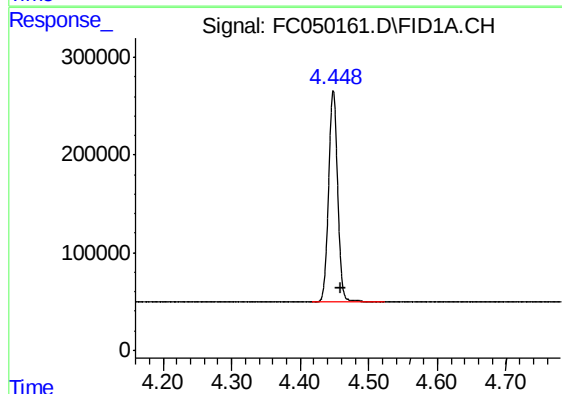




#1 n-Nonane (C9)

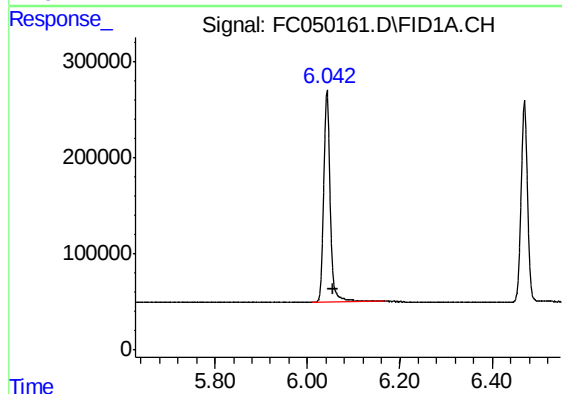
R.T.: 3.377 min  
Delta R.T.: -0.010 min  
Response: 1975786  
Conc: 19.94 ug/ml

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



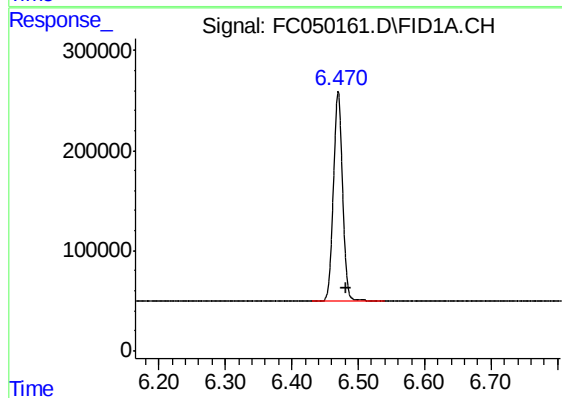
#2 n-Decane (C10)

R.T.: 4.448 min  
Delta R.T.: -0.011 min  
Response: 1984654  
Conc: 19.93 ug/ml



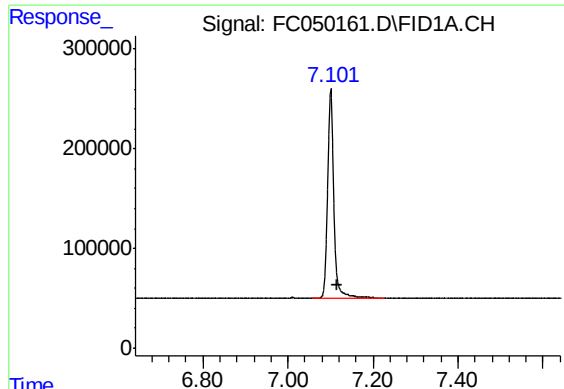
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min  
Delta R.T.: -0.014 min  
Response: 2158132  
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

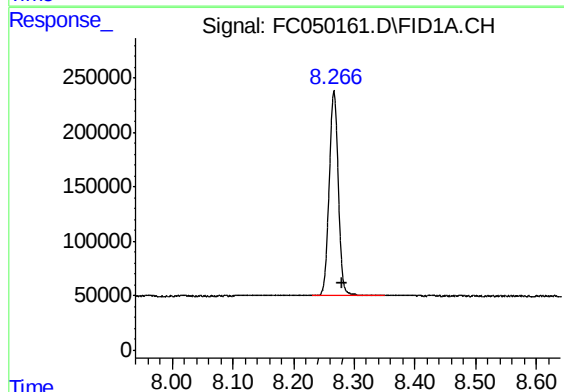
R.T.: 6.470 min  
Delta R.T.: -0.012 min  
Response: 1997716  
Conc: 19.80 ug/ml



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

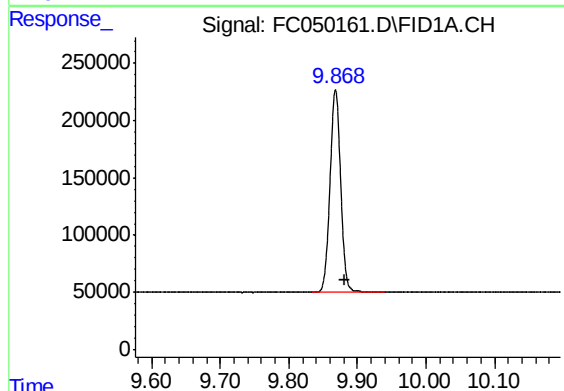
R.T.: 7.101 min  
Delta R.T.: -0.014 min  
Response: 2165645  
Conc: 19.46 ug/ml

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



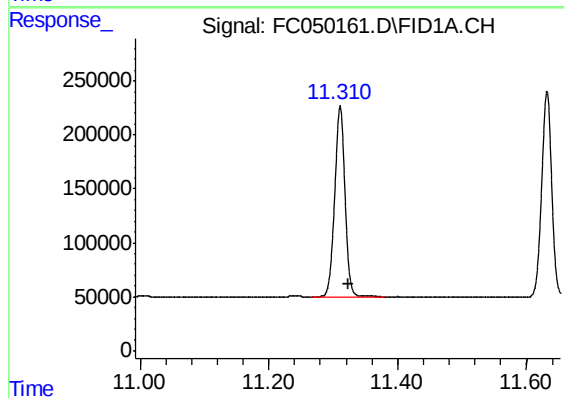
#6 n-Tetradecane (C14)

R.T.: 8.267 min  
Delta R.T.: -0.012 min  
Response: 1969901  
Conc: 19.66 ug/ml



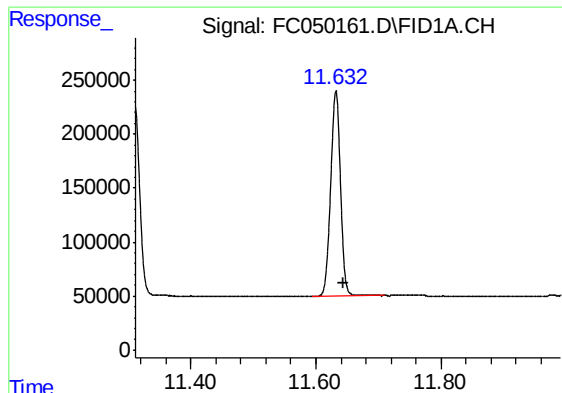
#7 n-Hexadecane (C16)

R.T.: 9.868 min  
Delta R.T.: -0.013 min  
Response: 1911356  
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

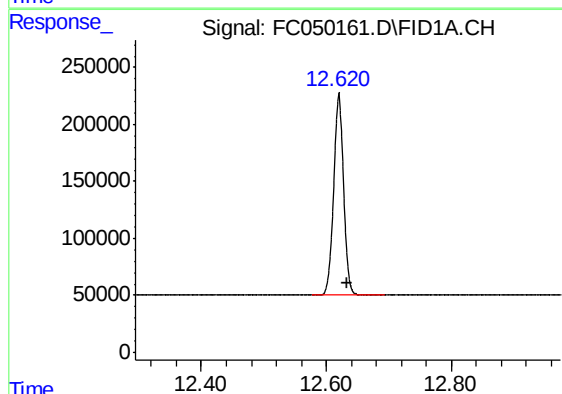
R.T.: 11.311 min  
Delta R.T.: -0.012 min  
Response: 1965261  
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

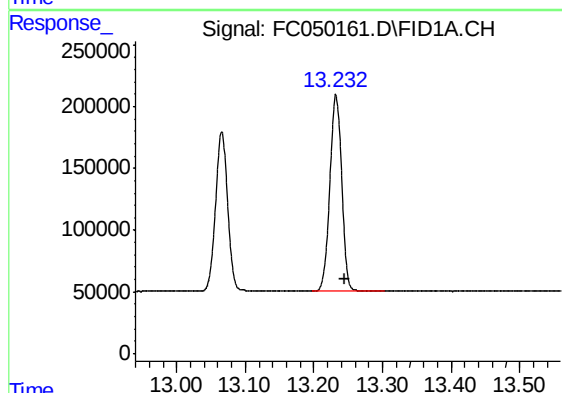
R.T.: 11.632 min  
Delta R.T.: -0.013 min  
Response: 2071202  
Conc: 18.48 ug/ml

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



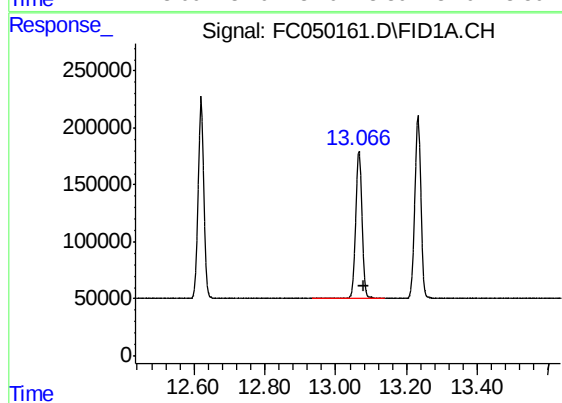
#10 n-Eicosane (C20)

R.T.: 12.620 min  
Delta R.T.: -0.012 min  
Response: 1942199  
Conc: 18.67 ug/ml



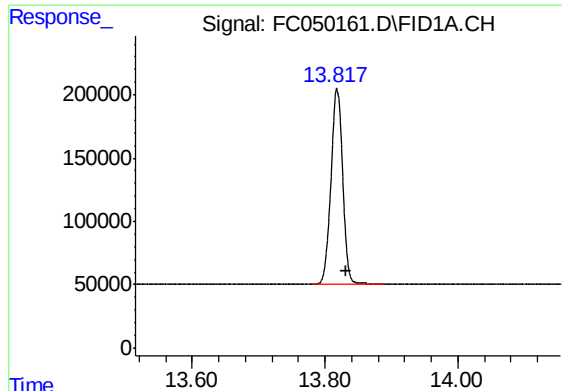
#11 n-Heneicosane (C21)

R.T.: 13.232 min  
Delta R.T.: -0.013 min  
Response: 1915616  
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

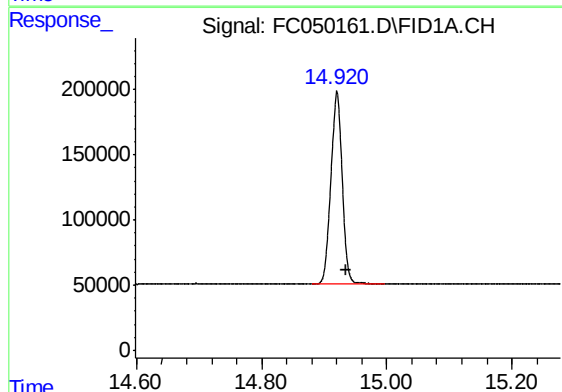
R.T.: 13.066 min  
Delta R.T.: -0.013 min  
Response: 1600543  
Conc: 18.48 ug/ml



#13 n-Docosane (C22)

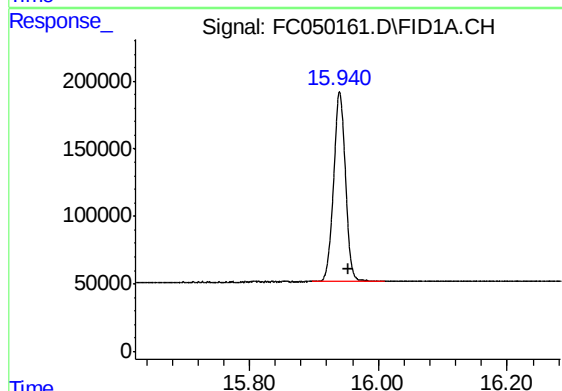
R.T.: 13.818 min  
Delta R.T.: -0.013 min  
Response: 1893540  
Conc: 18.24 ug/ml

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



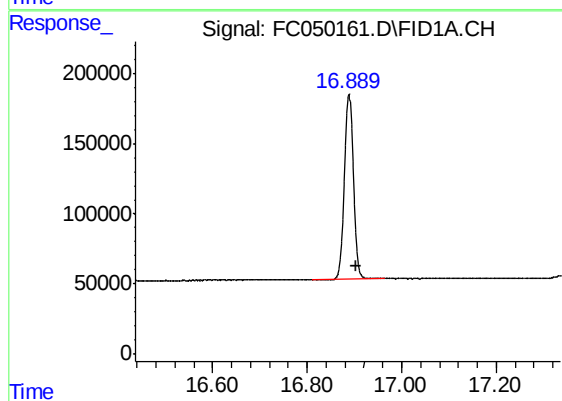
#14 n-Tetracosane (C24)

R.T.: 14.920 min  
Delta R.T.: -0.014 min  
Response: 1844861  
Conc: 17.76 ug/ml



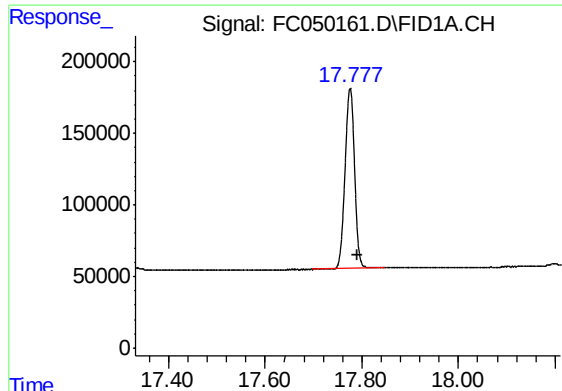
#15 n-Hexacosane (C26)

R.T.: 15.940 min  
Delta R.T.: -0.014 min  
Response: 1797385  
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

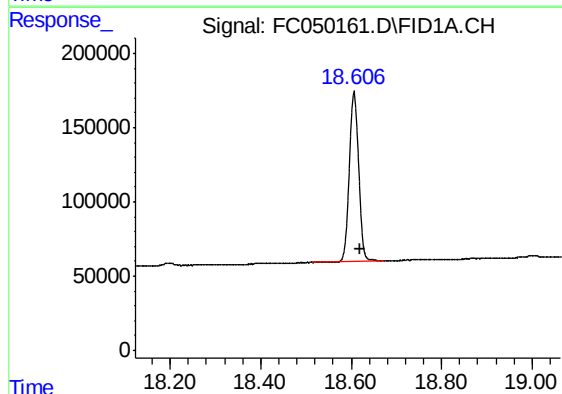
R.T.: 16.889 min  
Delta R.T.: -0.015 min  
Response: 1773121  
Conc: 17.13 ug/ml



#17 n-Tricontane (C30)

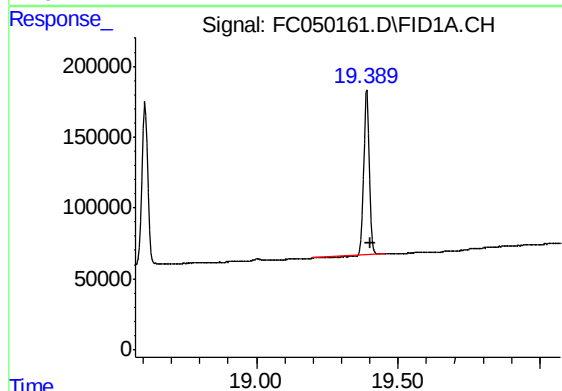
R.T.: 17.776 min  
Delta R.T.: -0.015 min  
Response: 1732384  
Conc: 16.98 ug/ml

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



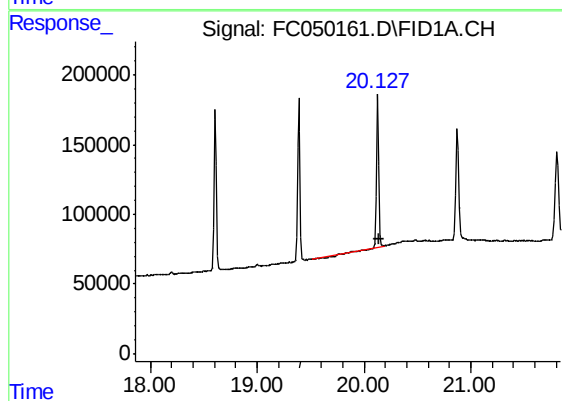
#18 n-Dotriacontane (C32)

R.T.: 18.606 min  
Delta R.T.: -0.015 min  
Response: 1629074  
Conc: 16.96 ug/ml



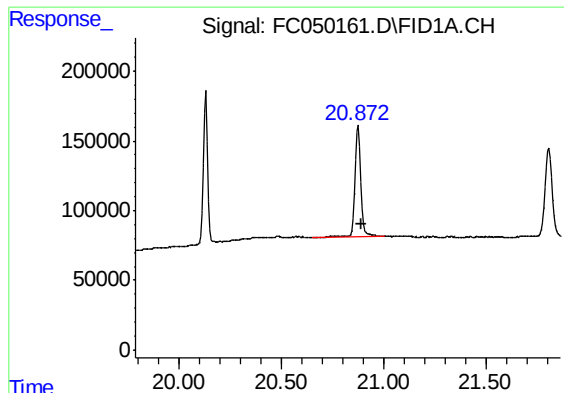
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min  
Delta R.T.: -0.014 min  
Response: 1551746  
Conc: 16.92 ug/ml



#20 n-Hexatriacontane (C36)

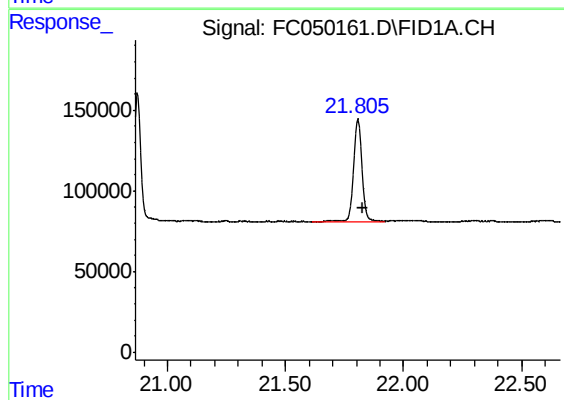
R.T.: 20.128 min  
Delta R.T.: -0.014 min  
Response: 1358704  
Conc: 15.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.873 min  
Delta R.T.: -0.019 min  
Response: 1570473  
Conc: 19.05 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.806 min  
Delta R.T.: -0.023 min  
Response: 1569030  
Conc: 18.76 ug/ml