

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091020AL\  
 Data File : FC049526.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Sep 2020 21:57  
 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: Sep 11 02:14:43 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 05:58:47 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)    | 11.665 | 2312058    | 20.123 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.25%       |
| 12) S 1-chlorooctadecane (S... | 13.098 | 1784487    | 20.034 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.07%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.403  | 2170722    | 20.983 ug/ml |
| 2) T n-Decane (C10)            | 4.476  | 2200876    | 21.189 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.072  | 2444253    | 21.258 ug/ml |
| 4) T n-Dodecane (C12)          | 6.499  | 2238886    | 21.180 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.131  | 2469074    | 21.118 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.297  | 2209867    | 20.947 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.899  | 2144695    | 20.609 ug/ml |
| 8) T n-Octadecane (C18)        | 11.342 | 2196110    | 20.434 ug/ml |
| 10) T n-Eicosane (C20)         | 12.652 | 2159164    | 20.164 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.264 | 2128979    | 20.006 ug/ml |
| 13) T n-Docosane (C22)         | 13.850 | 2111535    | 19.953 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.952 | 2069370    | 19.776 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.974 | 2008914    | 19.651 ug/ml |
| 16) T n-Octacosane (C28)       | 16.921 | 1971257    | 19.615 ug/ml |
| 17) T n-Tricontane (C30)       | 17.806 | 1917236    | 19.691 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.638 | 1805761    | 19.984 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.422 | 1716970    | 20.057 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.157 | 1683783    | 20.900 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.911 | 1592740    | 21.039 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.855 | 1699515    | 21.842 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

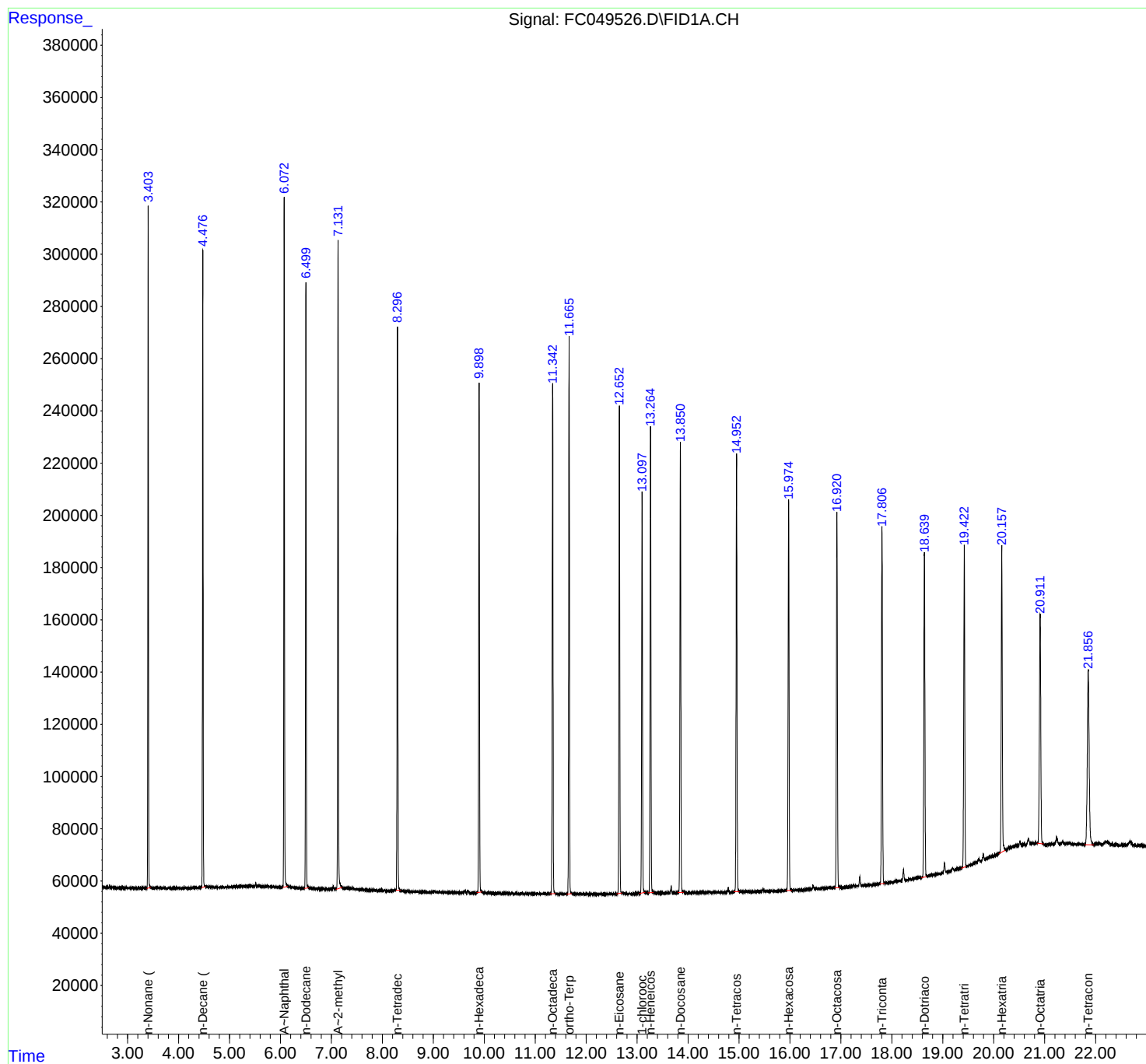
(m)=manual int.

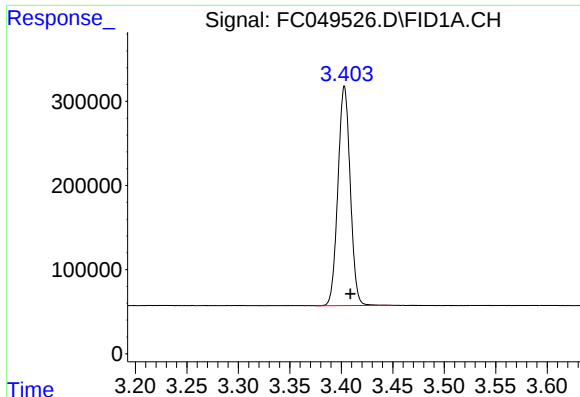
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091020AL\  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
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Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um

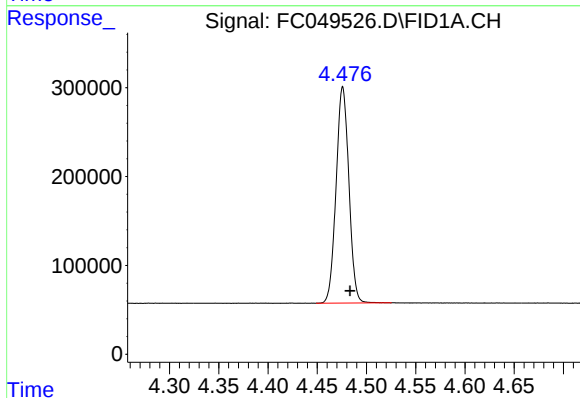




#1 n-Nonane (C9)

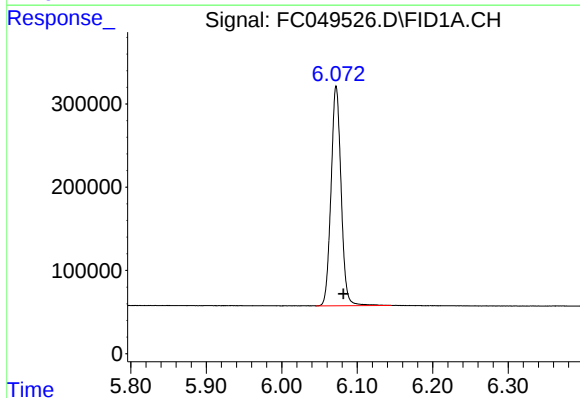
R.T.: 3.403 min  
Delta R.T.: -0.006 min  
Response: 2170722  
Conc: 20.98 ug/ml

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



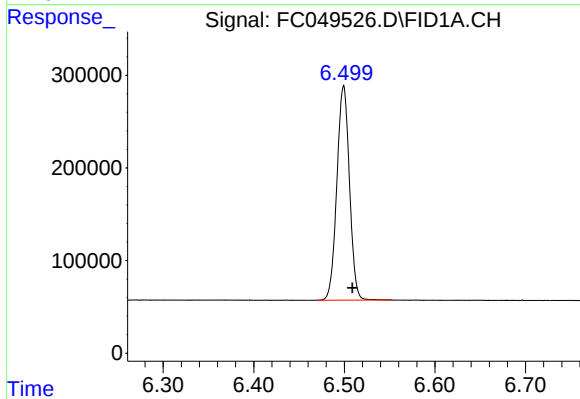
#2 n-Decane (C10)

R.T.: 4.476 min  
Delta R.T.: -0.007 min  
Response: 2200876  
Conc: 21.19 ug/ml



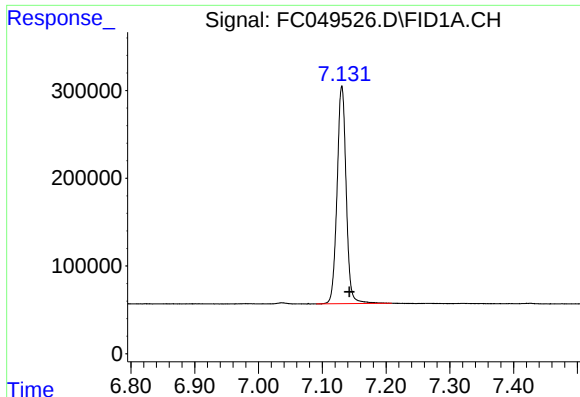
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min  
Delta R.T.: -0.010 min  
Response: 2444253  
Conc: 21.26 ug/ml



#4 n-Dodecane (C12)

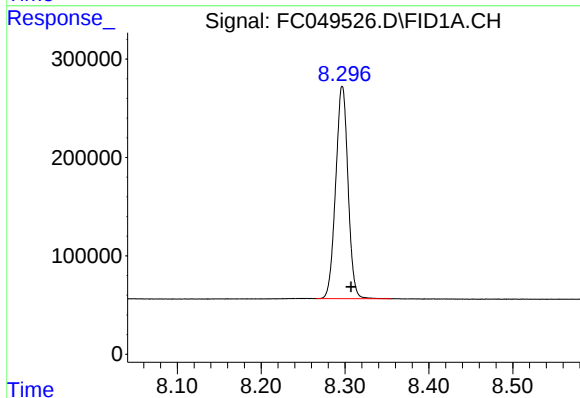
R.T.: 6.499 min  
Delta R.T.: -0.010 min  
Response: 2238886  
Conc: 21.18 ug/ml



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

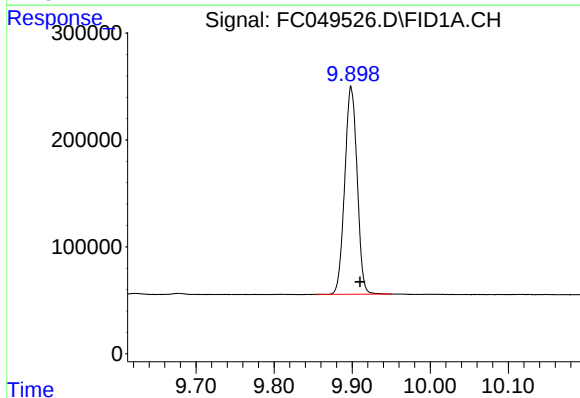
R.T.: 7.131 min  
Delta R.T.: -0.012 min  
Response: 2469074  
Conc: 21.12 ug/ml

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



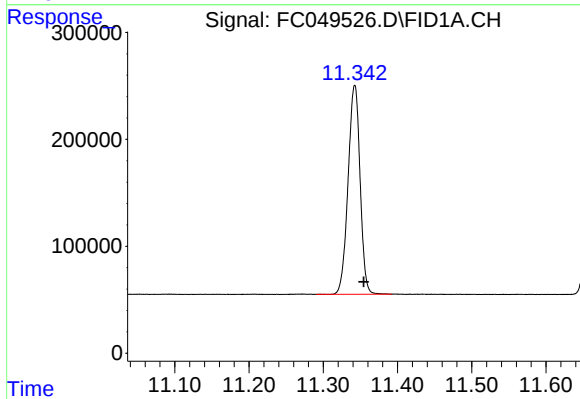
#6 n-Tetradecane (C14)

R.T.: 8.297 min  
Delta R.T.: -0.010 min  
Response: 2209867  
Conc: 20.95 ug/ml



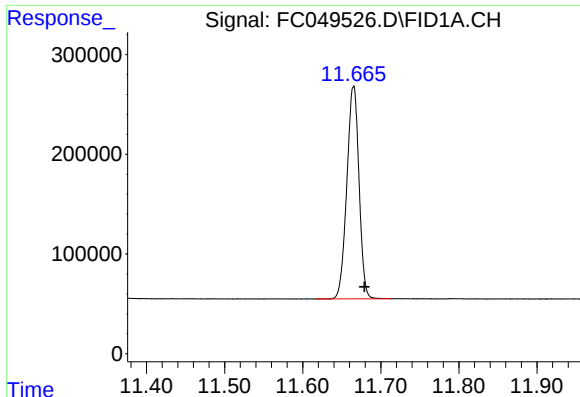
#7 n-Hexadecane (C16)

R.T.: 9.899 min  
Delta R.T.: -0.011 min  
Response: 2144695  
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

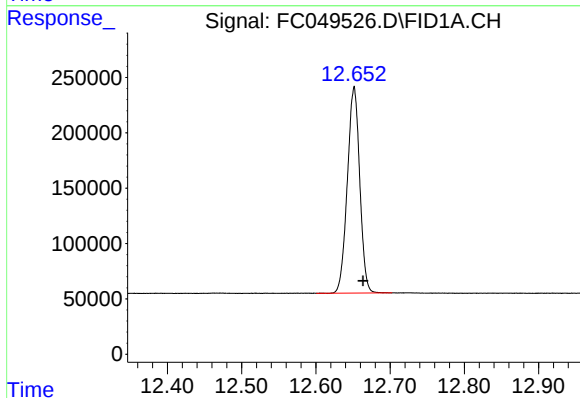
R.T.: 11.342 min  
Delta R.T.: -0.012 min  
Response: 2196110  
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

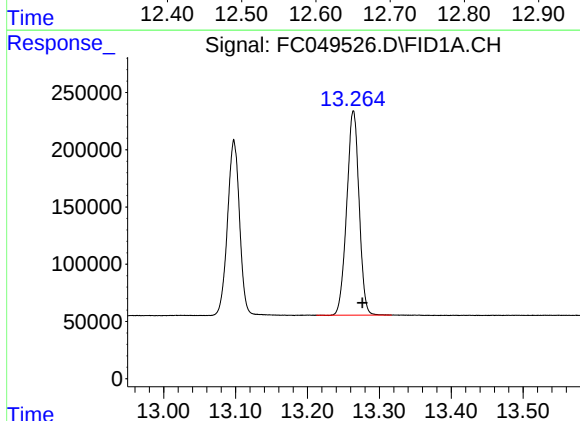
R.T.: 11.665 min  
Delta R.T.: -0.014 min  
Response: 2312058  
Conc: 20.12 ug/ml

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



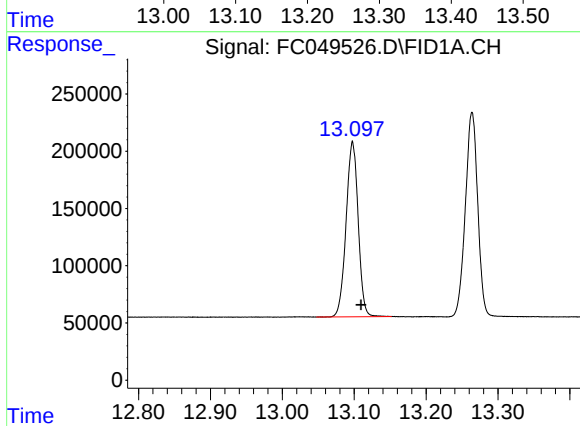
#10 n-Eicosane (C20)

R.T.: 12.652 min  
Delta R.T.: -0.012 min  
Response: 2159164  
Conc: 20.16 ug/ml



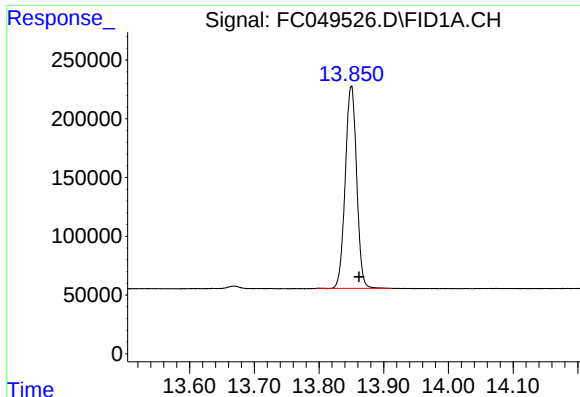
#11 n-Heneicosane (C21)

R.T.: 13.264 min  
Delta R.T.: -0.013 min  
Response: 2128979  
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

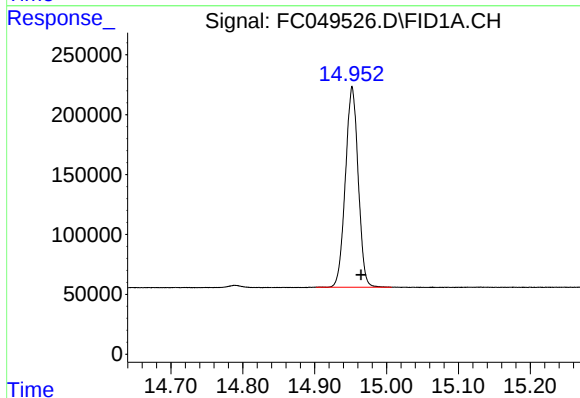
R.T.: 13.098 min  
Delta R.T.: -0.012 min  
Response: 1784487  
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

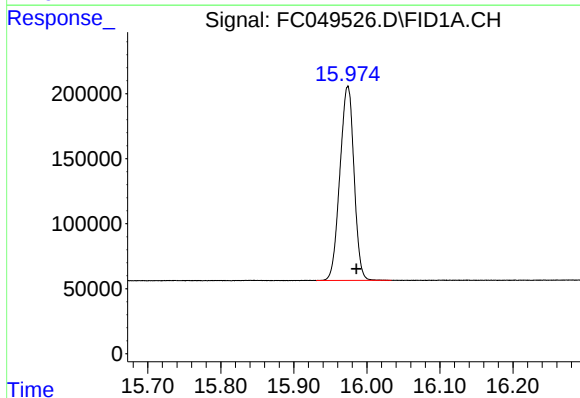
R.T.: 13.850 min  
Delta R.T.: -0.012 min  
Response: 2111535  
Conc: 19.95 ug/ml

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



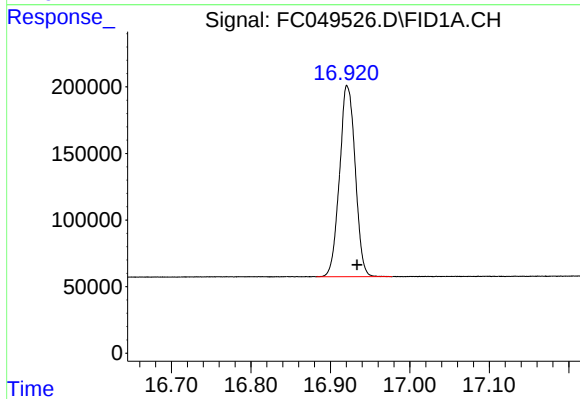
#14 n-Tetracosane (C24)

R.T.: 14.952 min  
Delta R.T.: -0.012 min  
Response: 2069370  
Conc: 19.78 ug/ml



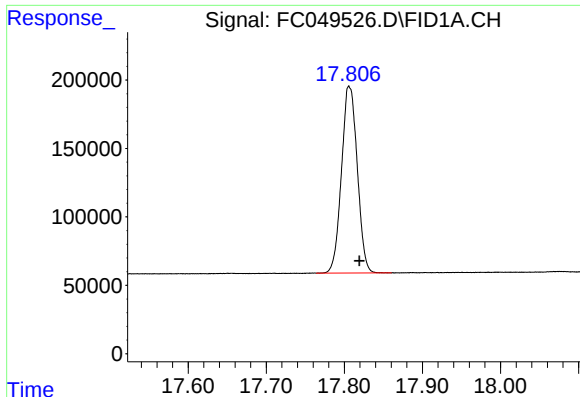
#15 n-Hexacosane (C26)

R.T.: 15.974 min  
Delta R.T.: -0.012 min  
Response: 2008914  
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

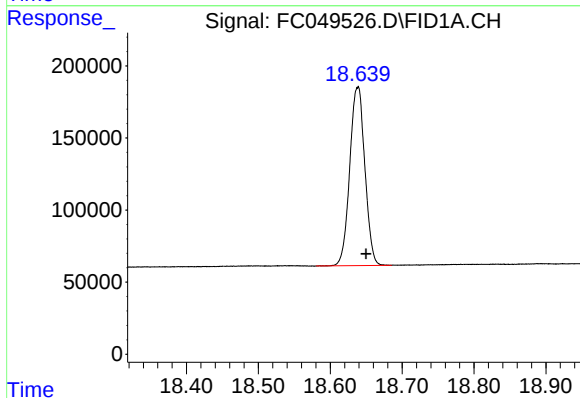
R.T.: 16.921 min  
Delta R.T.: -0.012 min  
Response: 1971257  
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

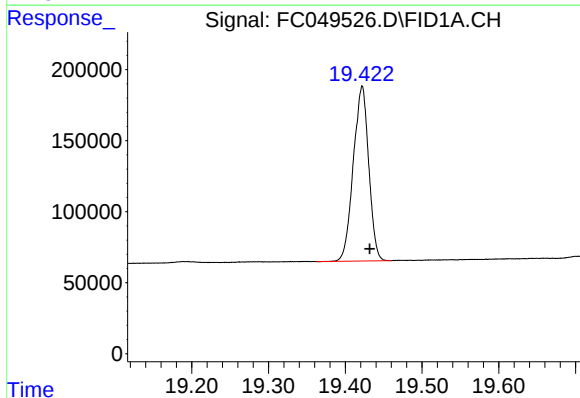
R.T.: 17.806 min  
Delta R.T.: -0.013 min  
Response: 1917236  
Conc: 19.69 ug/ml

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



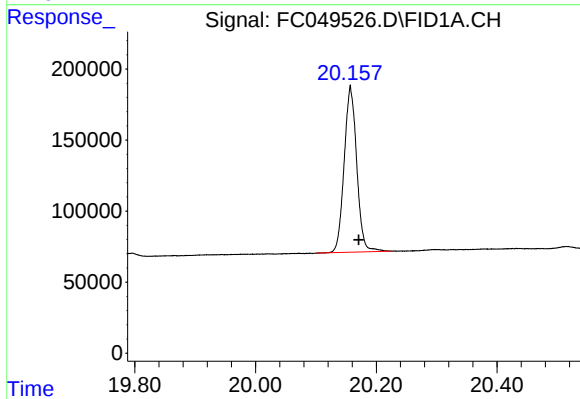
#18 n-Dotriacontane (C32)

R.T.: 18.638 min  
Delta R.T.: -0.011 min  
Response: 1805761  
Conc: 19.98 ug/ml



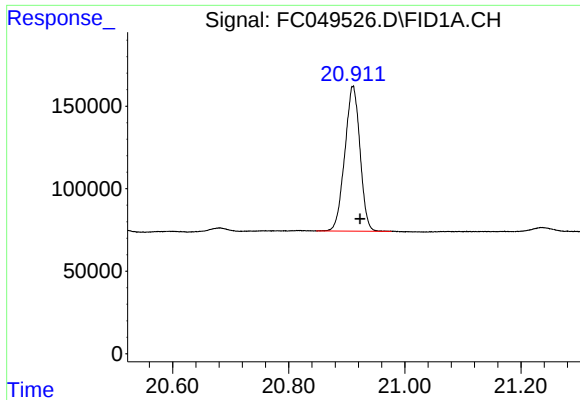
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min  
Delta R.T.: -0.010 min  
Response: 1716970  
Conc: 20.06 ug/ml



#20 n-Hexatriacontane (C36)

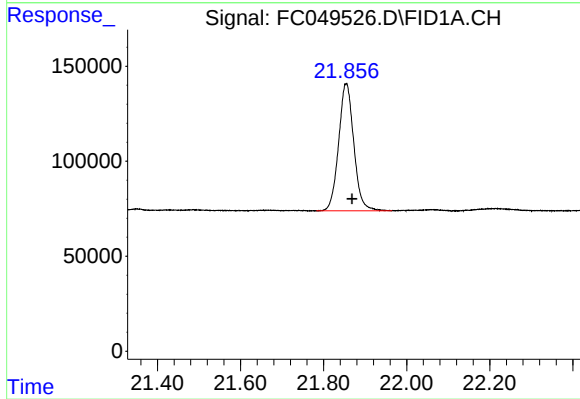
R.T.: 20.157 min  
Delta R.T.: -0.014 min  
Response: 1683783  
Conc: 20.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.911 min  
Delta R.T.: -0.012 min  
Response: 1592740  
Conc: 21.04 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.855 min  
Delta R.T.: -0.014 min  
Response: 1699515  
Conc: 21.84 ug/ml