

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052620AL\  
 Data File : FC047610.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 May 2020 11:15  
 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

Manual Integrations  
 APPROVED

Sohil  
 5/28/2020 8:41:30 AM

Integration File: autoint1.e  
 Quant Time: May 27 11:38:48 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)    | 11.741 | 2212078    | 18.505 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.01%        |
| 12) S 1-chlorooctadecane (S... | 13.153 | 1766150    | 18.007 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.01%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.549  | 2134189    | 21.052 ug/ml  |
| 2) T n-Decane (C10)            | 4.612  | 2178683    | 21.320 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.209  | 2164866    | 20.790 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.612  | 2211056    | 20.933 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.257  | 2164981    | 20.616 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.390  | 2163010    | 20.449 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.977  | 2082022    | 19.677 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.408 | 2135991    | 19.075 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.707 | 2103381    | 18.485 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.316 | 2067335    | 18.184 ug/ml  |
| 13) T n-Docosane (C22)         | 13.898 | 2065839    | 18.179 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.994 | 2068123    | 18.278 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.009 | 2029614    | 18.121 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.952 | 2037004    | 18.263 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.835 | 2010846    | 18.598 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.661 | 1838712    | 18.645 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.439 | 1747582    | 19.053 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.176 | 1779382    | 20.518 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.929 | 1692965    | 20.982 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.875 | 1794314    | 22.064 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052620AL\  
Data File : FC047610.D  
Signal(s) : FID1A.CH  
Acq On : 27 May 2020 11:15  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

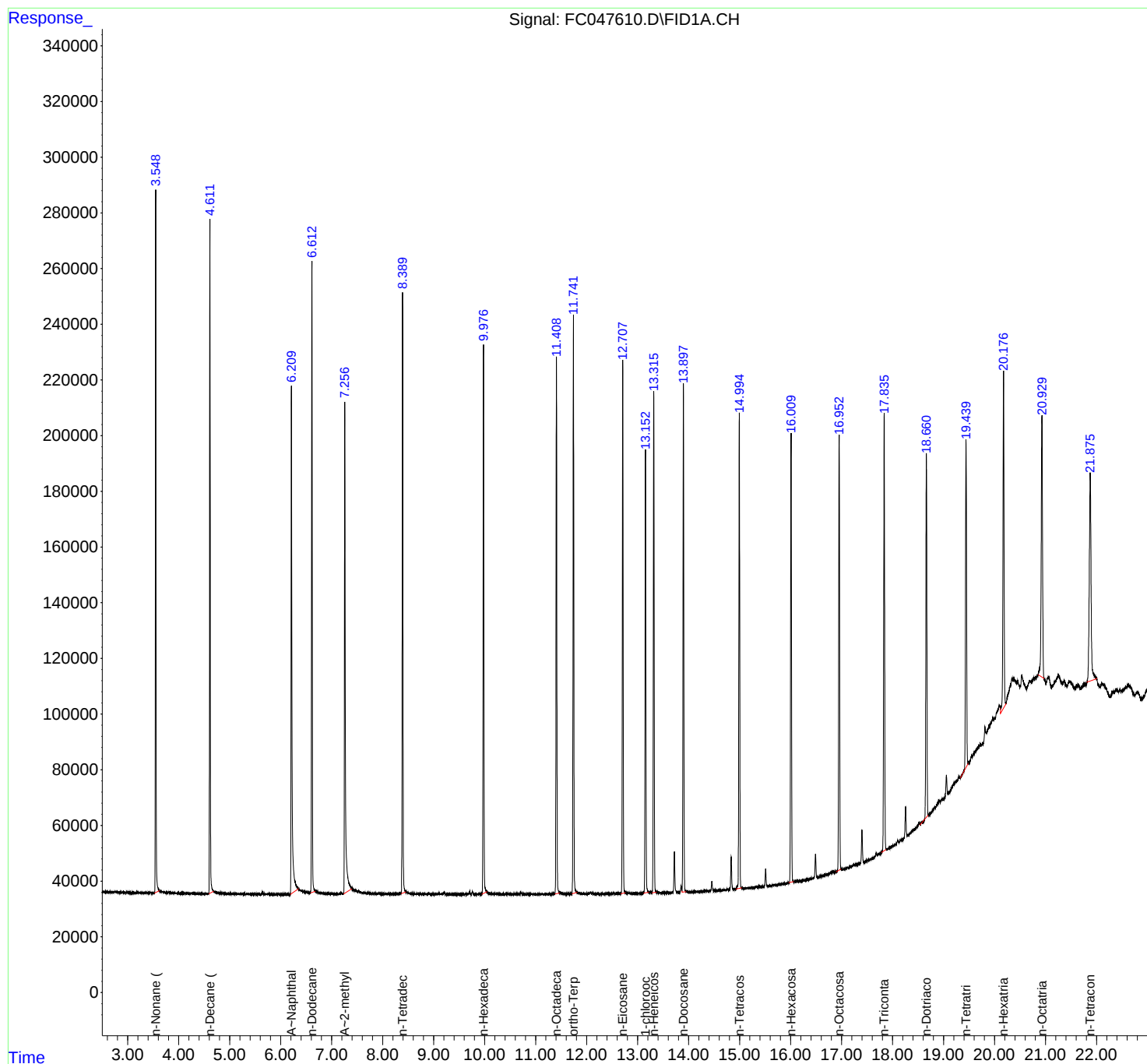
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

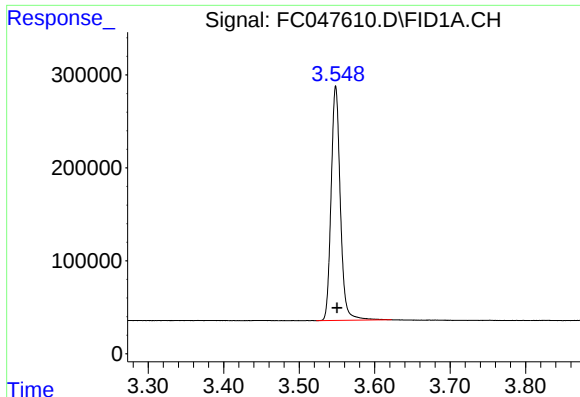
Manual Integrations  
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Integration File: autoint1.e  
Quant Time: May 27 11:38:48 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050820.M  
Quant Title : GC Extractables  
QLast Update : Fri May 08 16:49:27 2020  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





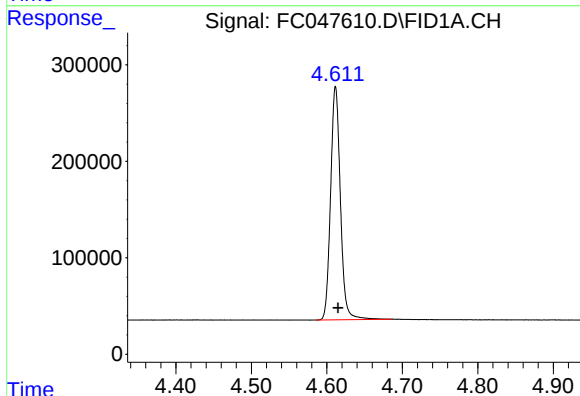
#1 n-Nonane (C9)

R.T.: 3.549 min  
Delta R.T.: -0.001 min  
Response: 2134189  
Conc: 21.05 ug/ml

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

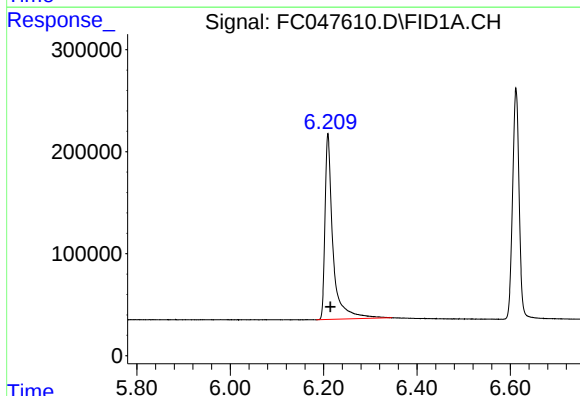
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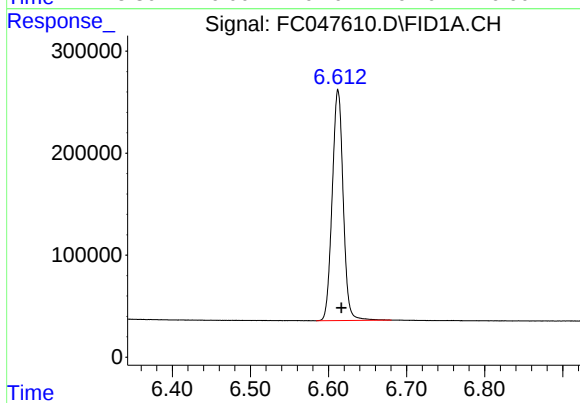
#2 n-Decane (C10)

R.T.: 4.612 min  
Delta R.T.: -0.003 min  
Response: 2178683  
Conc: 21.32 ug/ml



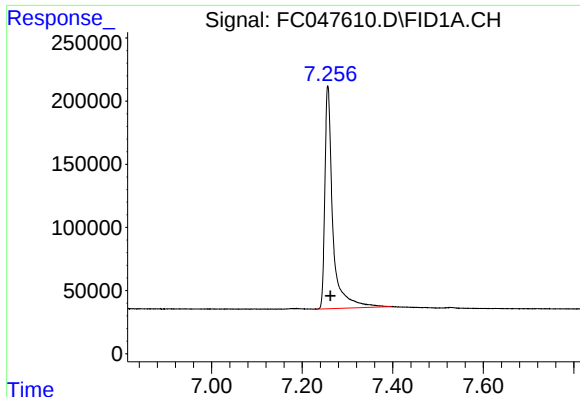
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min  
Delta R.T.: -0.005 min  
Response: 2164866  
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.612 min  
Delta R.T.: -0.004 min  
Response: 2211056  
Conc: 20.93 ug/ml



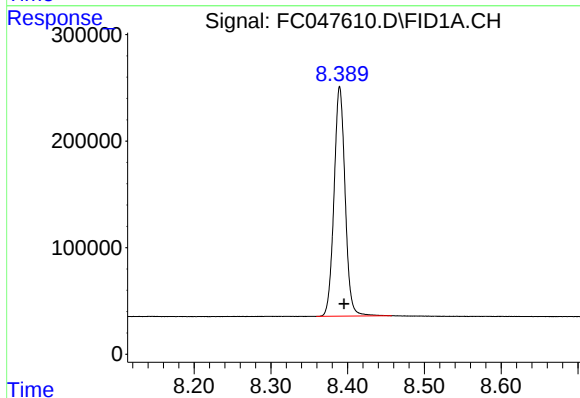
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min  
Delta R.T.: -0.006 min  
Response: 2164981  
Conc: 20.62 ug/ml

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

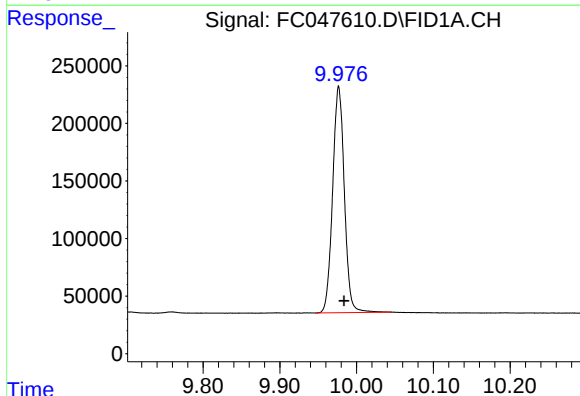
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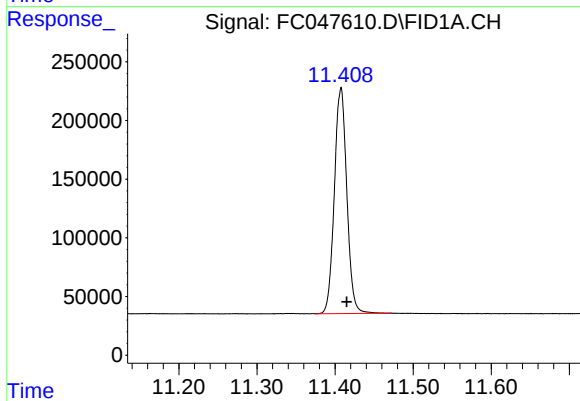
#6 n-Tetradecane (C14)

R.T.: 8.390 min  
Delta R.T.: -0.005 min  
Response: 2163010  
Conc: 20.45 ug/ml



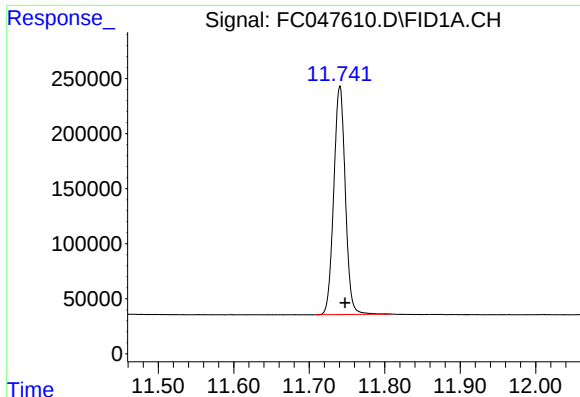
#7 n-Hexadecane (C16)

R.T.: 9.977 min  
Delta R.T.: -0.007 min  
Response: 2082022  
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.408 min  
Delta R.T.: -0.007 min  
Response: 2135991  
Conc: 19.08 ug/ml



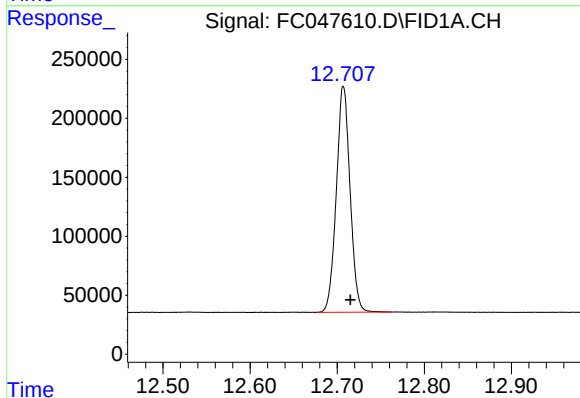
#9 ortho-Terphenyl (SURR)

R.T.: 11.741 min  
Delta R.T.: -0.007 min  
Response: 2212078  
Conc: 18.50 ug/ml

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

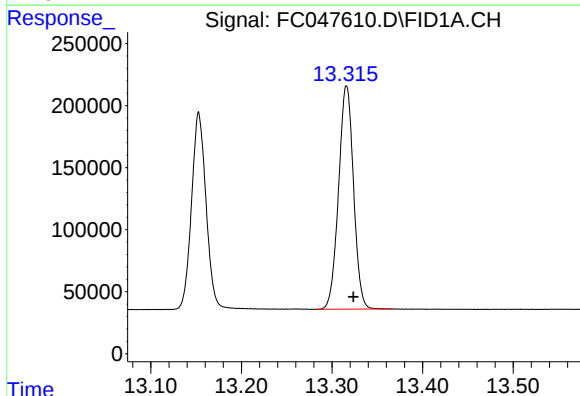
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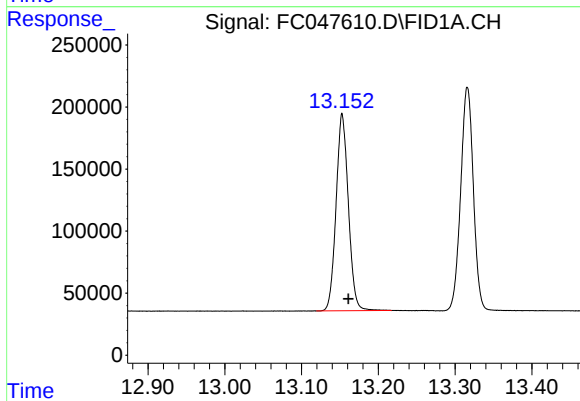
#10 n-Eicosane (C20)

R.T.: 12.707 min  
Delta R.T.: -0.008 min  
Response: 2103381  
Conc: 18.49 ug/ml



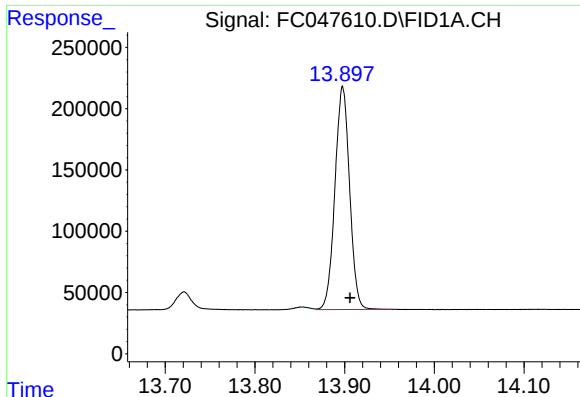
#11 n-Heneicosane (C21)

R.T.: 13.316 min  
Delta R.T.: -0.008 min  
Response: 2067335  
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.153 min  
Delta R.T.: -0.008 min  
Response: 1766150  
Conc: 18.01 ug/ml



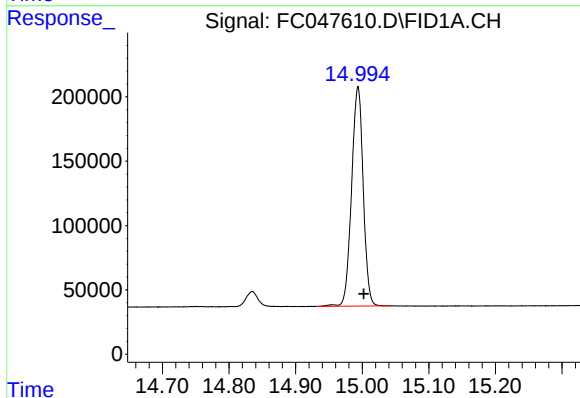
#13 n-Docosane (C22)

R.T.: 13.898 min  
Delta R.T.: -0.008 min  
Response: 2065839  
Conc: 18.18 ug/ml

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

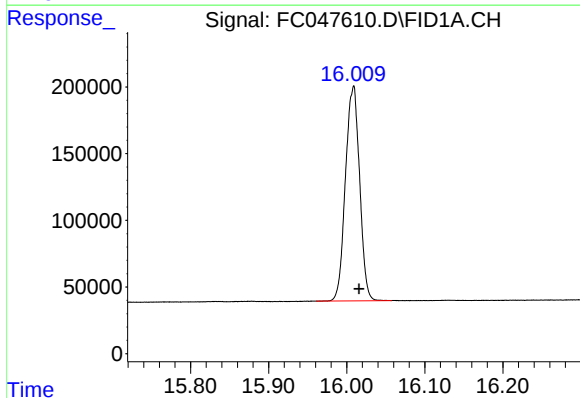
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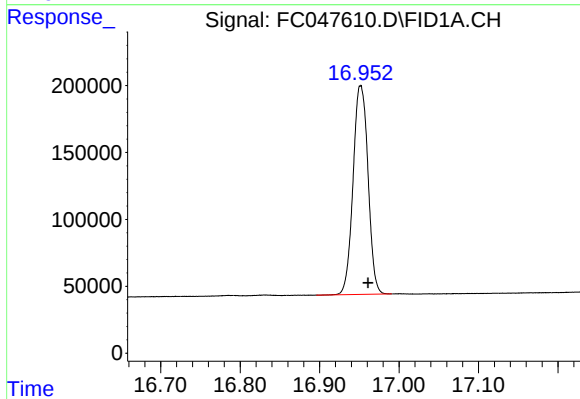
#14 n-Tetracosane (C24)

R.T.: 14.994 min  
Delta R.T.: -0.008 min  
Response: 2068123  
Conc: 18.28 ug/ml



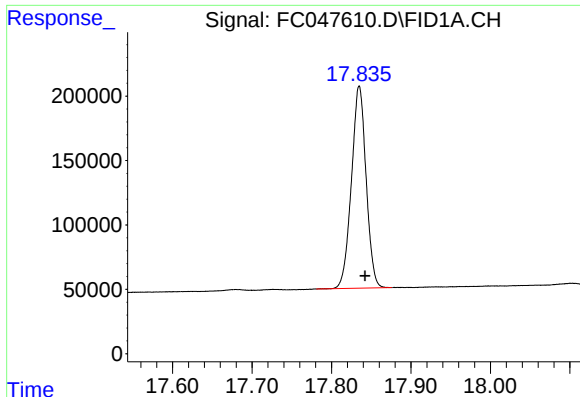
#15 n-Hexacosane (C26)

R.T.: 16.009 min  
Delta R.T.: -0.007 min  
Response: 2029614  
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min  
Delta R.T.: -0.009 min  
Response: 2037004  
Conc: 18.26 ug/ml



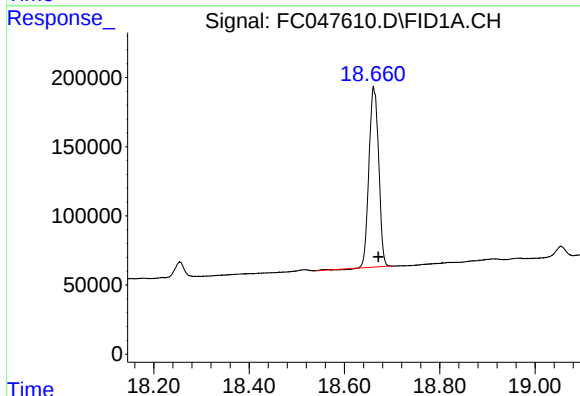
#17 n-Tricontane (C30)

R.T.: 17.835 min  
Delta R.T.: -0.007 min  
Response: 2010846  
Conc: 18.60 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

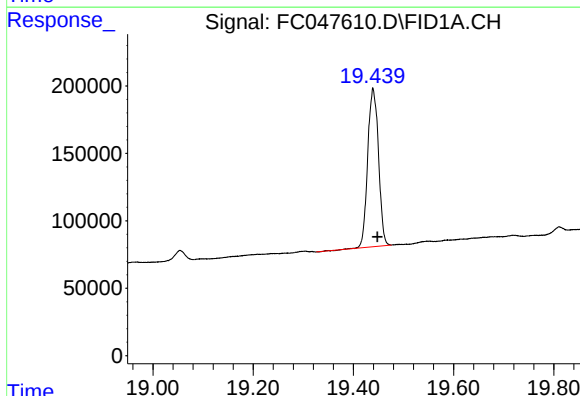
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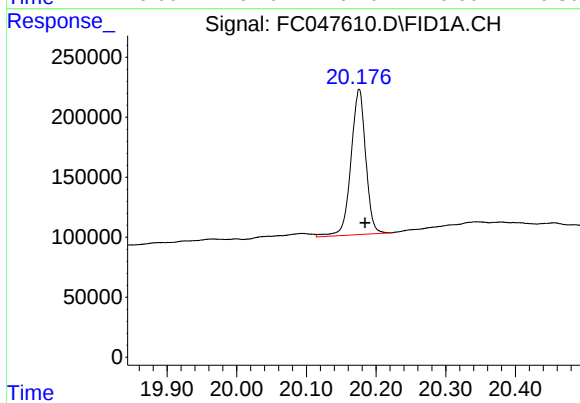
#18 n-Dotriacontane (C32)

R.T.: 18.661 min  
Delta R.T.: -0.010 min  
Response: 1838712  
Conc: 18.65 ug/ml



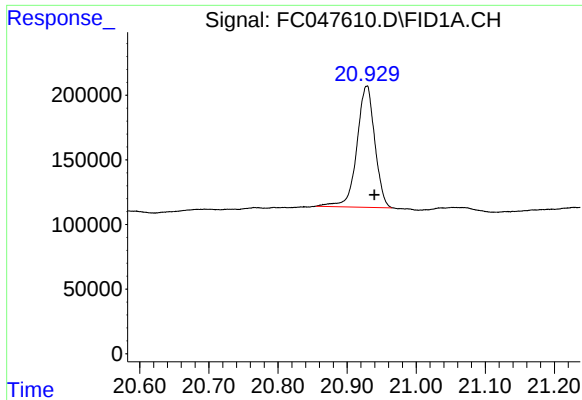
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min  
Delta R.T.: -0.009 min  
Response: 1747582  
Conc: 19.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.176 min  
Delta R.T.: -0.008 min  
Response: 1779382  
Conc: 20.52 ug/ml



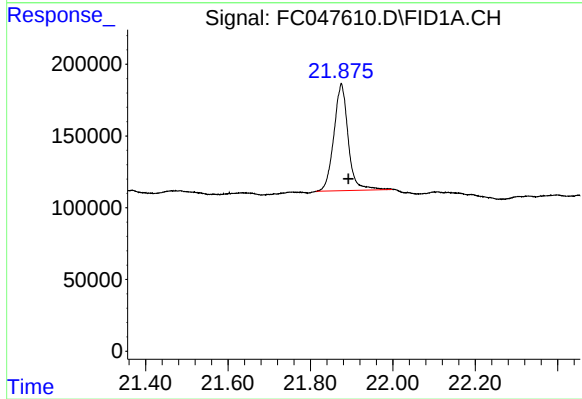
#21 n-Octatriacontane (C38)

R.T.: 20.929 min  
Delta R.T.: -0.010 min  
Response: 1692965  
Conc: 20.98 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.875 min  
Delta R.T.: -0.018 min  
Response: 1794314  
Conc: 22.06 ug/ml m