

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052820AL\  
 Data File : FC047613.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 May 2020 10:23  
 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  
 5/29/2020 12:26:44 PM

Integration File: autoint1.e  
 Quant Time: May 29 02:37:16 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 | 2218975    | 18.562 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.12%        |
| 12) S 1-chlorooctadecane (S... | 13.155 | 1774304    | 18.090 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.18%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.547  | 2143099    | 21.140 ug/ml  |
| 2) T n-Decane (C10)            | 4.610  | 2165674    | 21.193 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.208  | 2130090    | 20.456 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.611  | 2195417    | 20.785 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.256  | 2133784    | 20.319 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.389  | 2147869    | 20.306 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.977  | 2076906    | 19.629 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.409 | 2133423    | 19.052 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.709 | 2106905    | 18.516 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.316 | 2078651    | 18.284 ug/ml  |
| 13) T n-Docosane (C22)         | 13.899 | 2045408    | 18.000 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.994 | 1997717    | 17.656 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.009 | 1945466    | 17.370 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.953 | 1938799    | 17.383 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.835 | 1914731    | 17.709 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.661 | 1783954    | 18.090 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.442 | 1714213    | 18.689 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.176 | 1685156    | 19.431 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.931 | 1595566    | 19.775 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.877 | 1685273    | 20.724 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052820AL\  
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Signal(s) : FID1A.CH  
Acq On : 28 May 2020 10:23  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

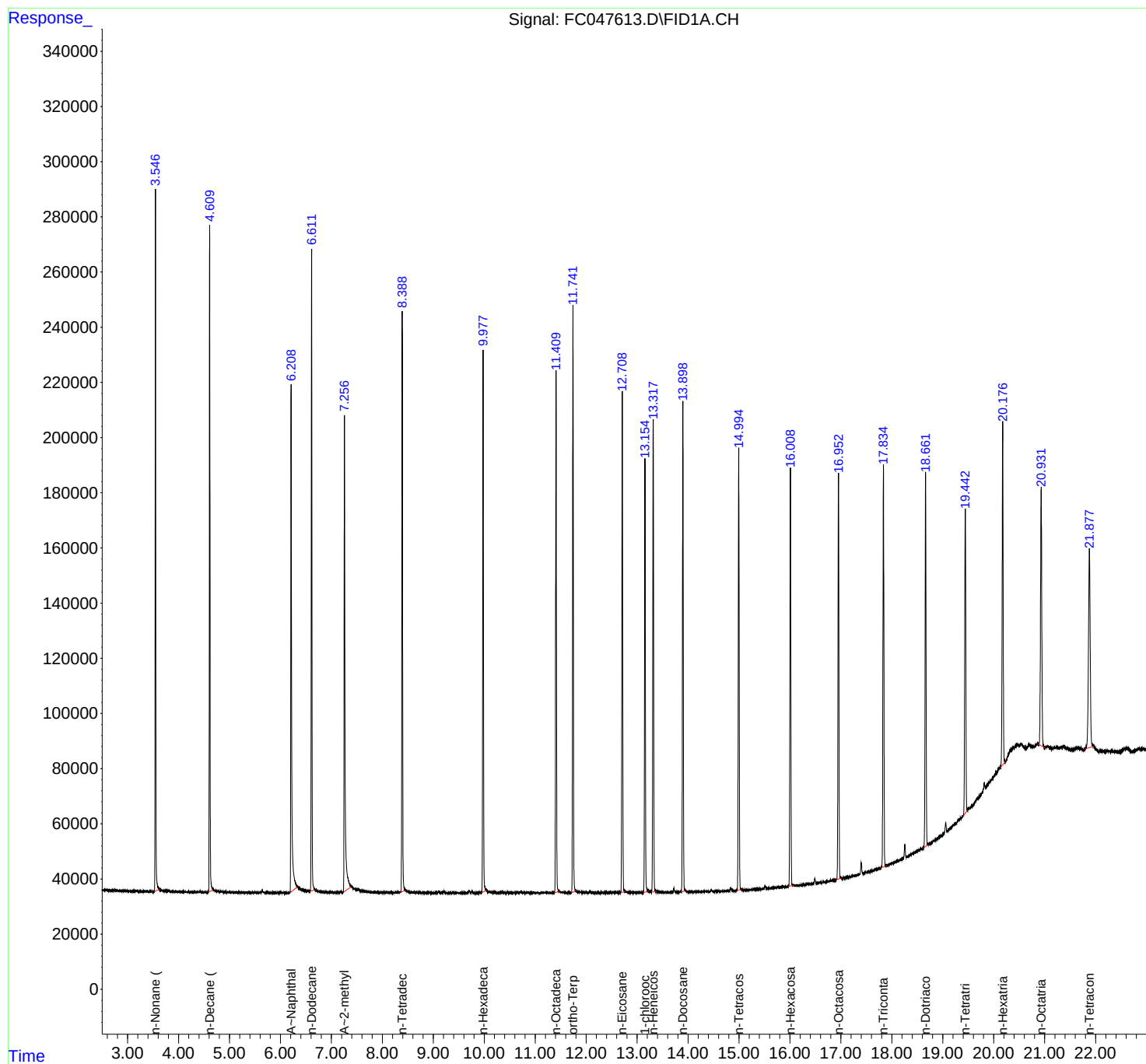
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

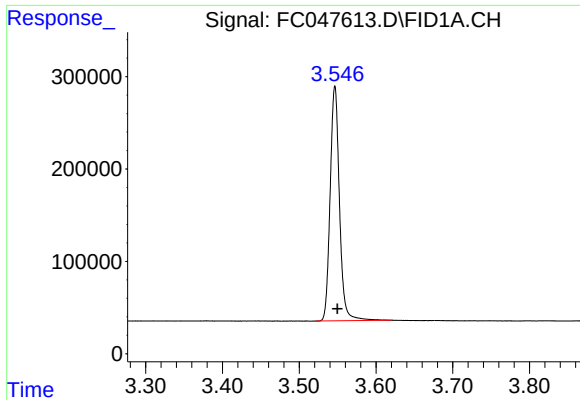
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Integration File: autoint1.e  
Quant Time: May 29 02:37:16 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050820.M  
Quant Title : GC Extractables  
QLast Update : Fri May 08 16:49:27 2020  
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Integrator: 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





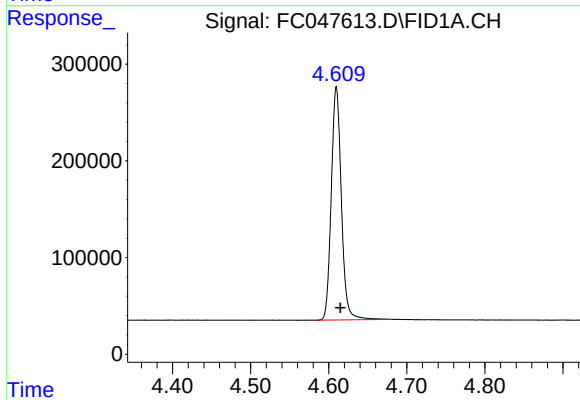
#1 n-Nonane (C9)

R.T.: 3.547 min  
Delta R.T.: -0.003 min  
Response: 2143099  
Conc: 21.14 ug/ml

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

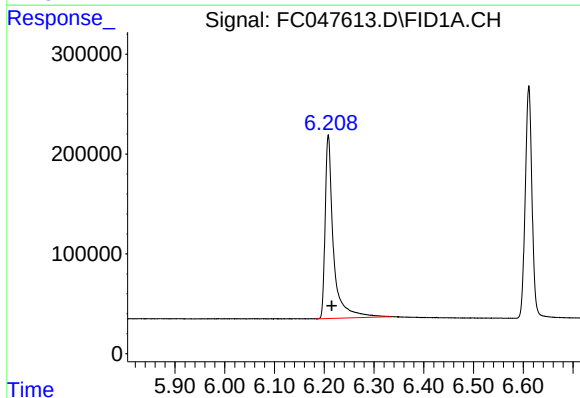
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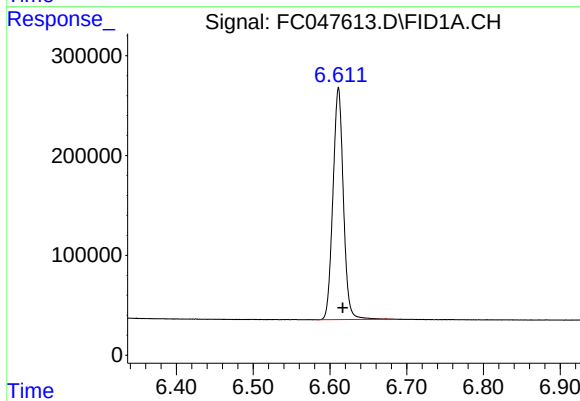
#2 n-Decane (C10)

R.T.: 4.610 min  
Delta R.T.: -0.005 min  
Response: 2165674  
Conc: 21.19 ug/ml



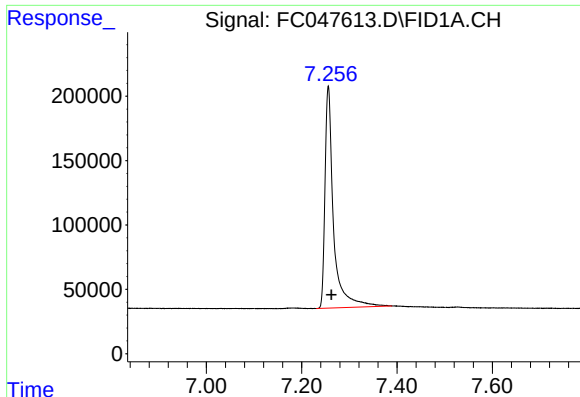
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min  
Delta R.T.: -0.007 min  
Response: 2130090  
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.611 min  
Delta R.T.: -0.006 min  
Response: 2195417  
Conc: 20.79 ug/ml



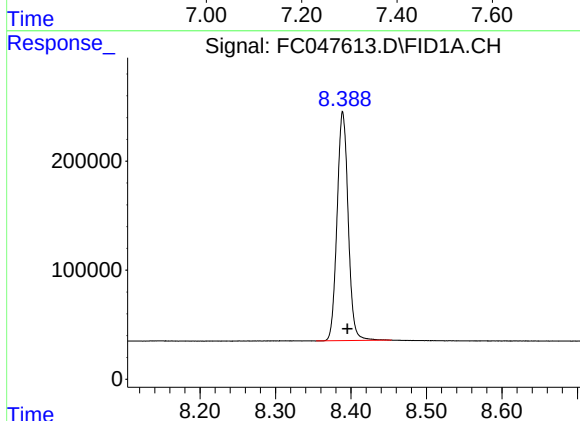
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min  
Delta R.T.: -0.007 min  
Response: 2133784  
Conc: 20.32 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

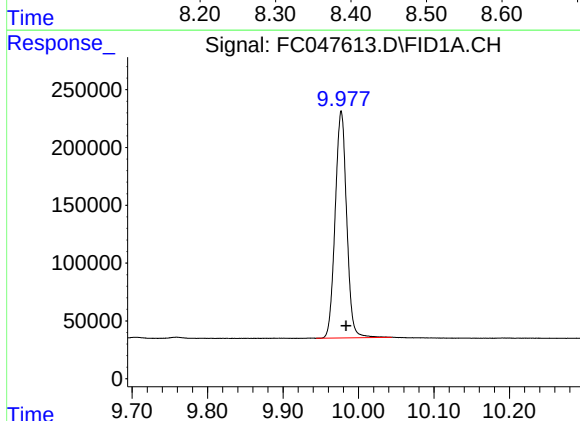
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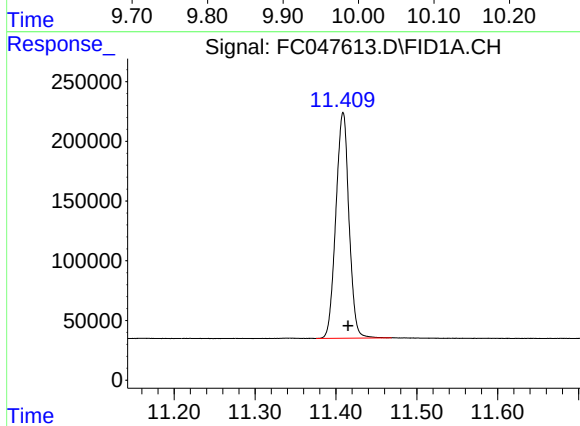
#6 n-Tetradecane (C14)

R.T.: 8.389 min  
Delta R.T.: -0.006 min  
Response: 2147869  
Conc: 20.31 ug/ml



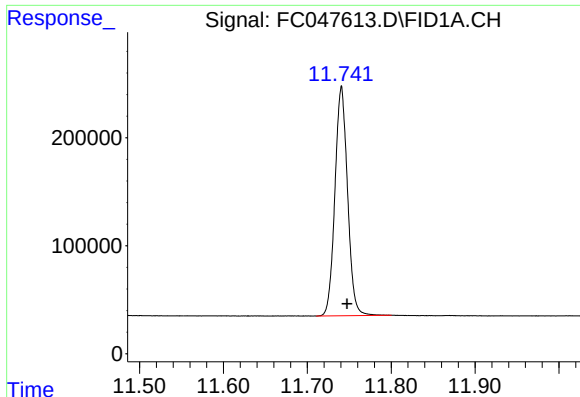
#7 n-Hexadecane (C16)

R.T.: 9.977 min  
Delta R.T.: -0.006 min  
Response: 2076906  
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.409 min  
Delta R.T.: -0.006 min  
Response: 2133423  
Conc: 19.05 ug/ml



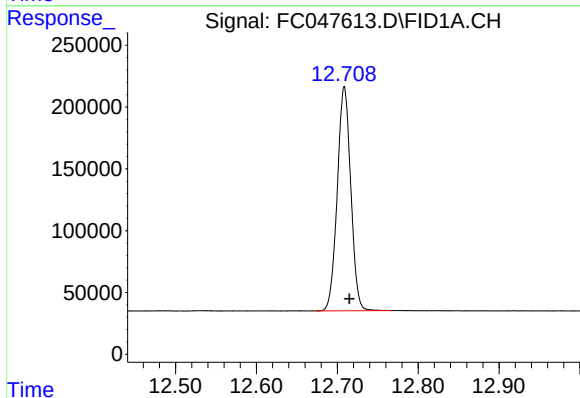
#9 ortho-Terphenyl (SURR)

R.T.: 11.741 min  
Delta R.T.: -0.007 min  
Response: 2218975  
Conc: 18.56 ug/ml

Instrument :  
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20 PPM ALIPHATIC HC STD

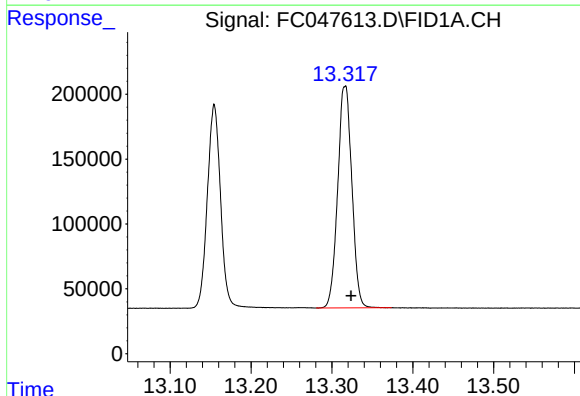
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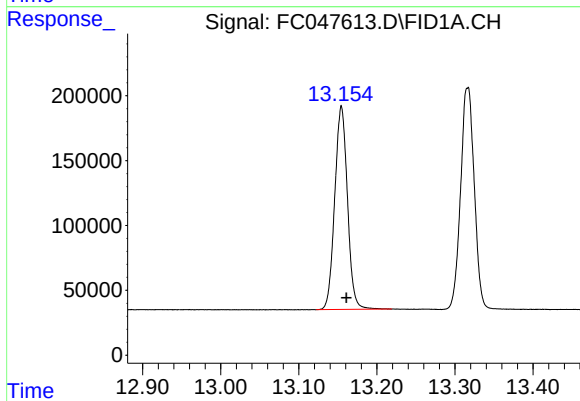
#10 n-Eicosane (C20)

R.T.: 12.709 min  
Delta R.T.: -0.006 min  
Response: 2106905  
Conc: 18.52 ug/ml



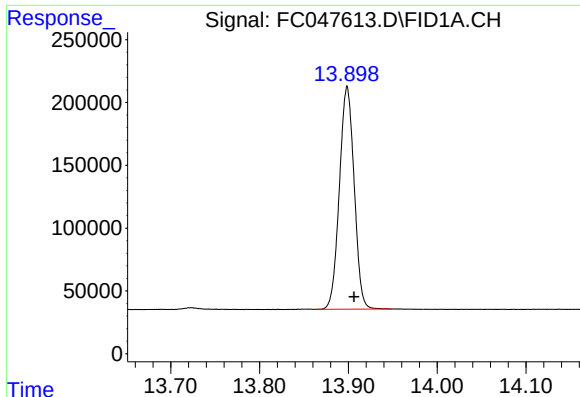
#11 n-Heneicosane (C21)

R.T.: 13.316 min  
Delta R.T.: -0.007 min  
Response: 2078651  
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.155 min  
Delta R.T.: -0.006 min  
Response: 1774304  
Conc: 18.09 ug/ml



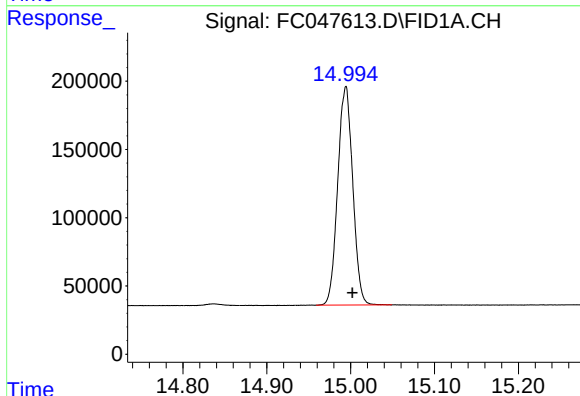
#13 n-Docosane (C22)

R.T.: 13.899 min  
Delta R.T.: -0.008 min  
Response: 2045408  
Conc: 18.00 ug/ml

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

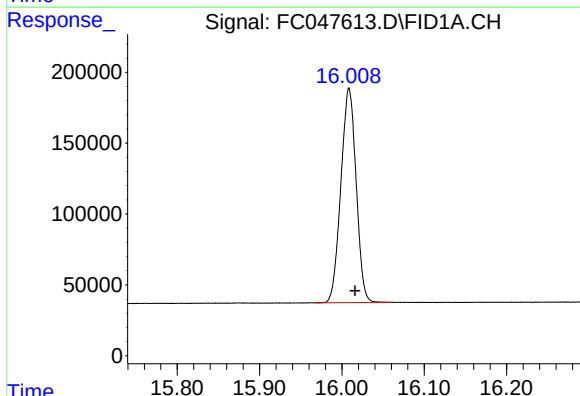
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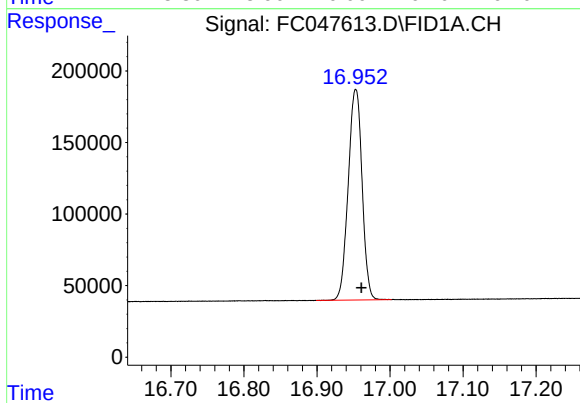
#14 n-Tetracosane (C24)

R.T.: 14.994 min  
Delta R.T.: -0.008 min  
Response: 1997717  
Conc: 17.66 ug/ml



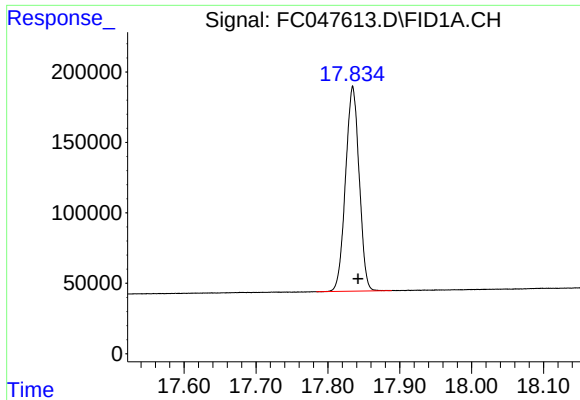
#15 n-Hexacosane (C26)

R.T.: 16.009 min  
Delta R.T.: -0.007 min  
Response: 1945466  
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.953 min  
Delta R.T.: -0.008 min  
Response: 1938799  
Conc: 17.38 ug/ml



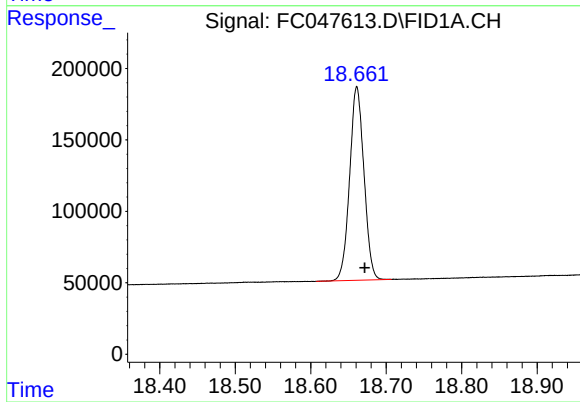
#17 n-Tricontane (C30)

R.T.: 17.835 min  
Delta R.T.: -0.007 min  
Response: 1914731  
Conc: 17.71 ug/ml

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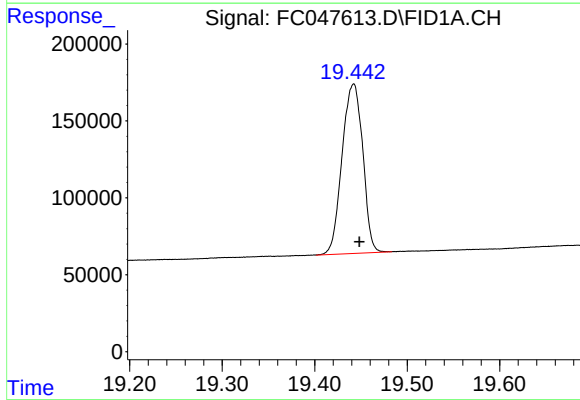
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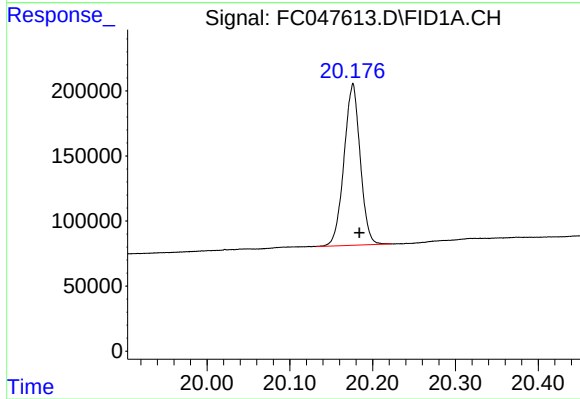
#18 n-Dotriacontane (C32)

R.T.: 18.661 min  
Delta R.T.: -0.010 min  
Response: 1783954  
Conc: 18.09 ug/ml



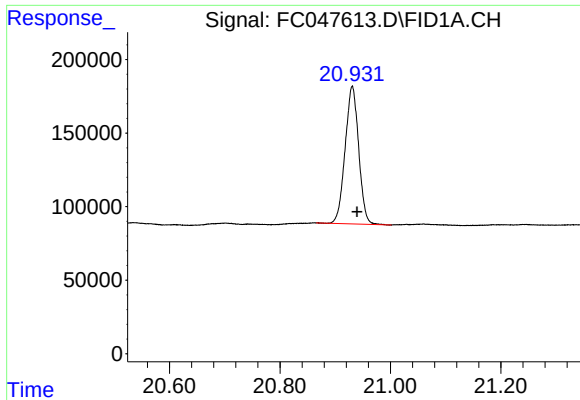
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min  
Delta R.T.: -0.007 min  
Response: 1714213  
Conc: 18.69 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.176 min  
Delta R.T.: -0.008 min  
Response: 1685156  
Conc: 19.43 ug/ml m



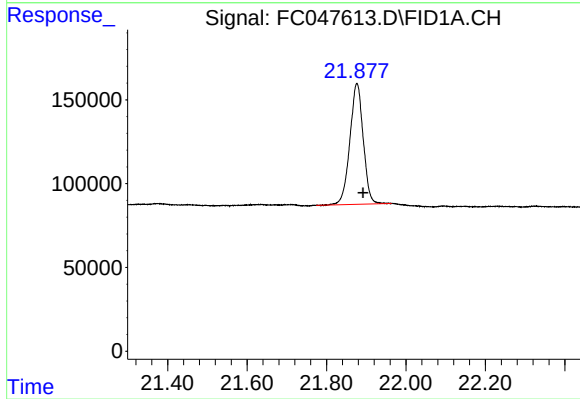
#21 n-Octatriacontane (C38)

R.T.: 20.931 min  
Delta R.T.: -0.009 min  
Response: 1595566  
Conc: 19.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.877 min  
Delta R.T.: -0.016 min  
Response: 1685273  
Conc: 20.72 ug/ml