

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050820AL\  
 Data File : FC047343.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 May 2020 15:39  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Manual Integrations  
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 5/11/2020 4:59:49 PM

Integration File: autoint1.e  
 Quant Time: May 08 16:45:12 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050820.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 08 16:42:46 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)    | 11.748 | 549838     | 4.495 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 8.99%        |
| 12) S 1-chlorooctadecane (S... | 13.162 | 451590     | 4.499 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 9.00%        |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.553  | 432656     | 4.156 ug/ml  |
| 2) T n-Decane (C10)            | 4.617  | 441764     | 4.212 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.226  | 403419     | 3.739 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.617  | 462479     | 4.266 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.274  | 389436     | 3.556 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.396  | 456440     | 4.187 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.983  | 468396     | 4.292 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.414 | 512962     | 4.461 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.715 | 533002     | 4.579 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.322 | 535789     | 4.605 ug/ml  |
| 13) T n-Docosane (C22)         | 13.905 | 535159     | 4.616 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.002 | 532798     | 4.623 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.016 | 533686     | 4.703 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.961 | 538433     | 4.798 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.843 | 528927     | 4.897 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.671 | 485840     | 4.957 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.450 | 446742     | 4.882 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.186 | 422317     | 4.890 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.940 | 384438     | 4.737 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.892 | 389352     | 4.769 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050820AL\  
Data File : FC047343.D  
Signal(s) : FID1A.CH  
Acq On : 08 May 2020 15:39  
Operator : DD\AJ  
Sample : 5 PPM ALIPHATIC HC STD5  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

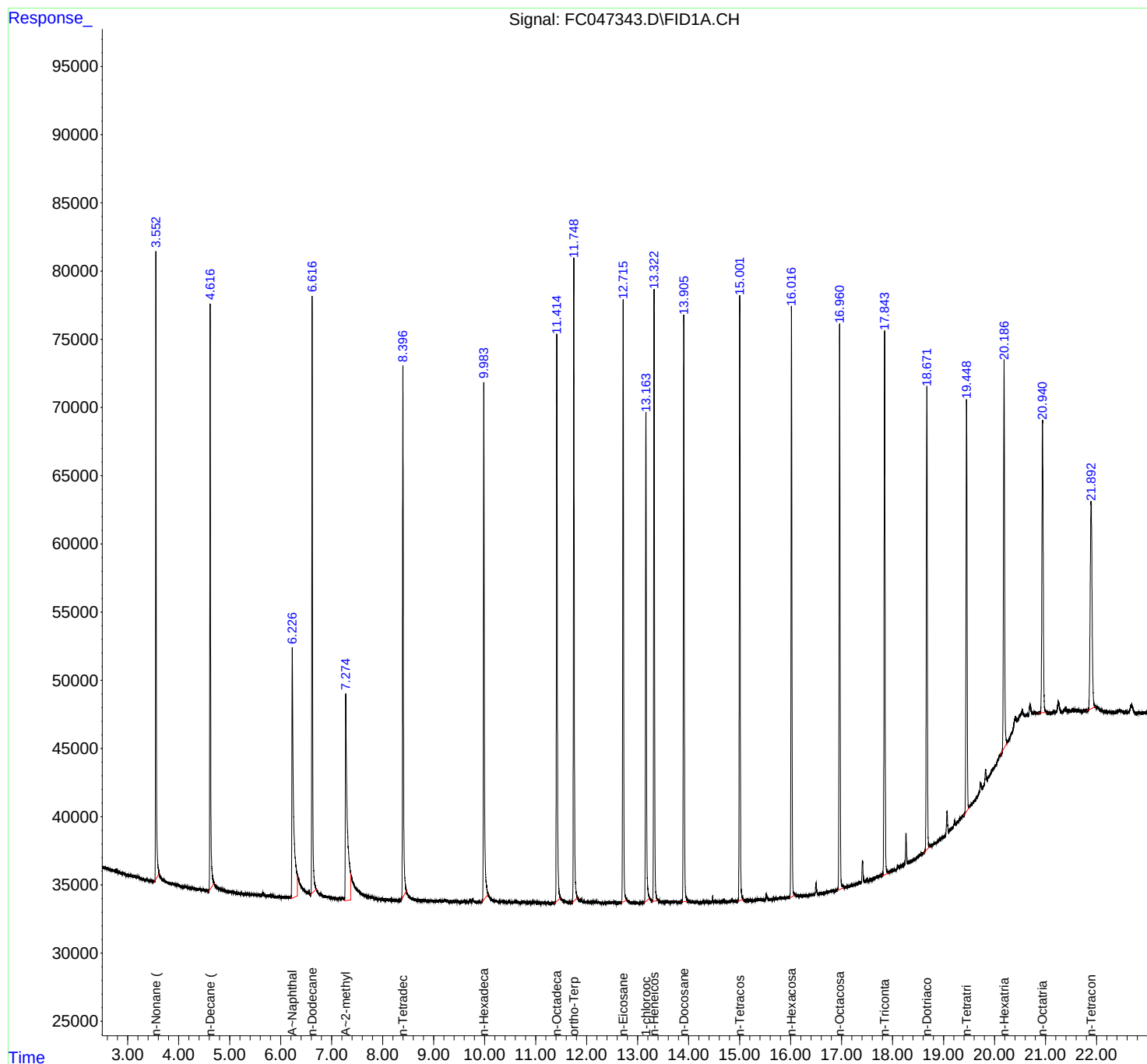
Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

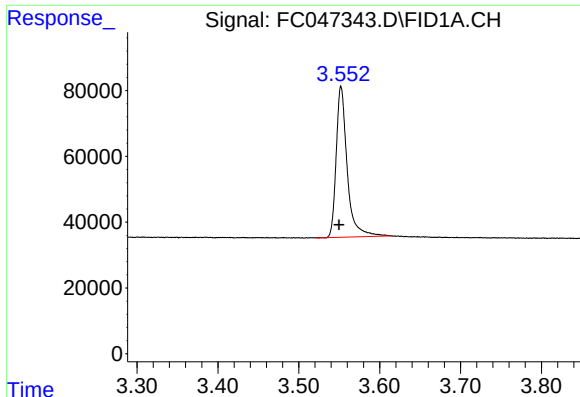
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Integration File: autoint1.e  
Quant Time: May 08 16:45:12 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050820.M  
Quant Title : GC Extractables  
QLast Update : Fri May 08 16:42:46 2020  
Response via : Initial Calibration  
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





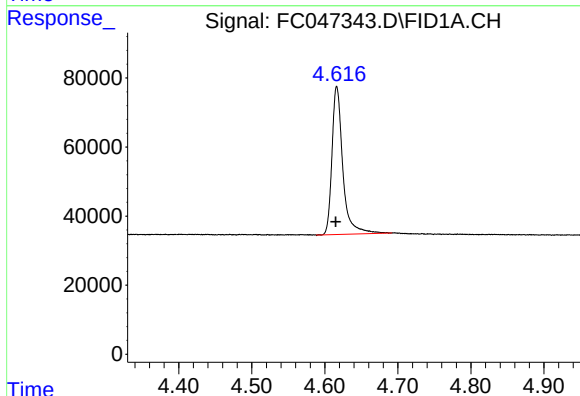
#1 n-Nonane (C9)

R.T.: 3.553 min  
Delta R.T.: 0.003 min  
Response: 432656  
Conc: 4.16 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

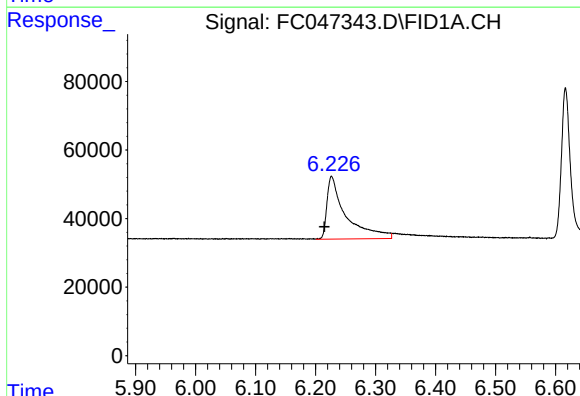
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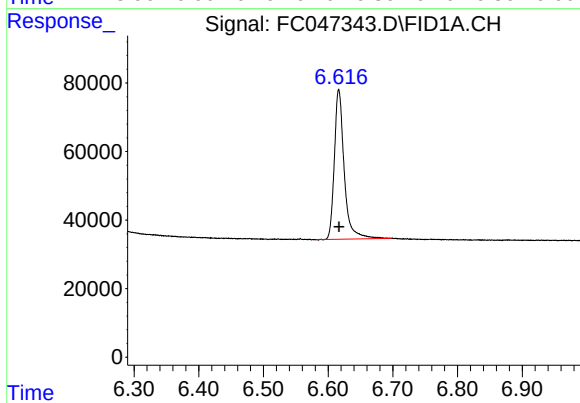
#2 n-Decane (C10)

R.T.: 4.617 min  
Delta R.T.: 0.002 min  
Response: 441764  
Conc: 4.21 ug/ml



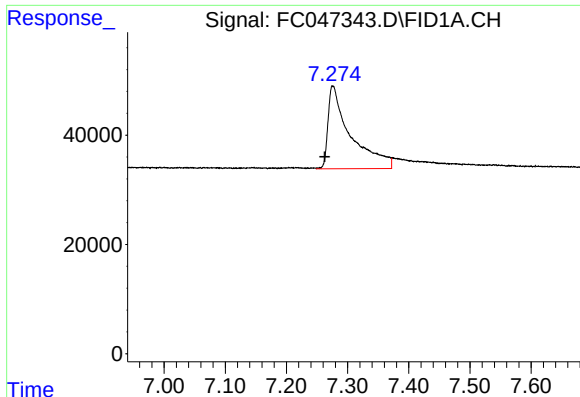
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min  
Delta R.T.: 0.011 min  
Response: 403419  
Conc: 3.74 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.617 min  
Delta R.T.: 0.000 min  
Response: 462479  
Conc: 4.27 ug/ml



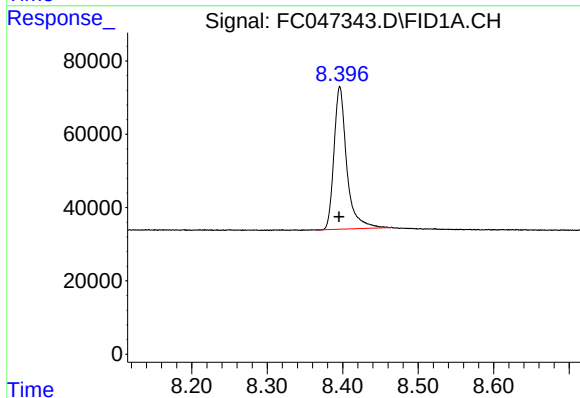
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min  
Delta R.T.: 0.011 min  
Response: 389436  
Conc: 3.56 ug/ml m

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

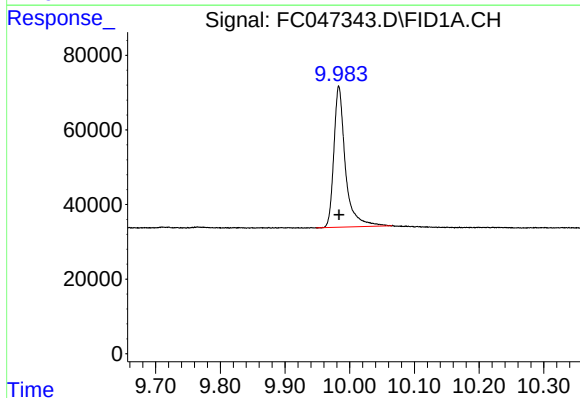
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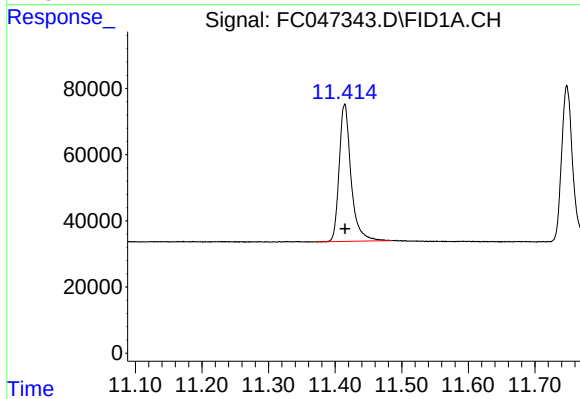
#6 n-Tetradecane (C14)

R.T.: 8.396 min  
Delta R.T.: 0.001 min  
Response: 456440  
Conc: 4.19 ug/ml



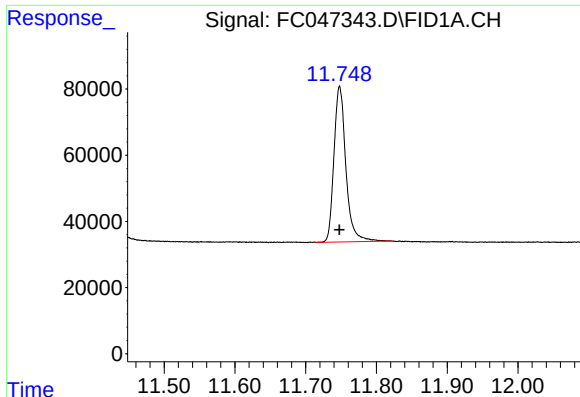
#7 n-Hexadecane (C16)

R.T.: 9.983 min  
Delta R.T.: 0.000 min  
Response: 468396  
Conc: 4.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.414 min  
Delta R.T.: 0.000 min  
Response: 512962  
Conc: 4.46 ug/ml



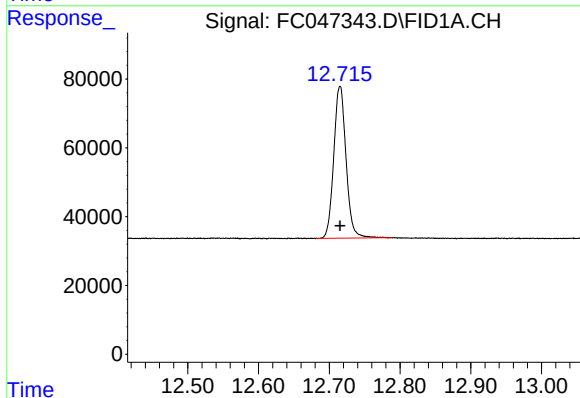
#9 ortho-Terphenyl (SURR)

R.T.: 11.748 min  
Delta R.T.: 0.000 min  
Response: 549838  
Conc: 4.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

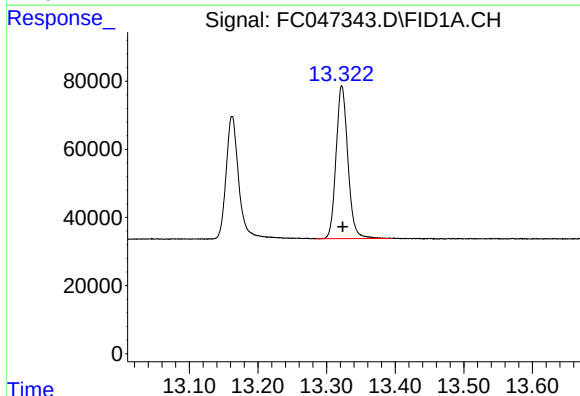
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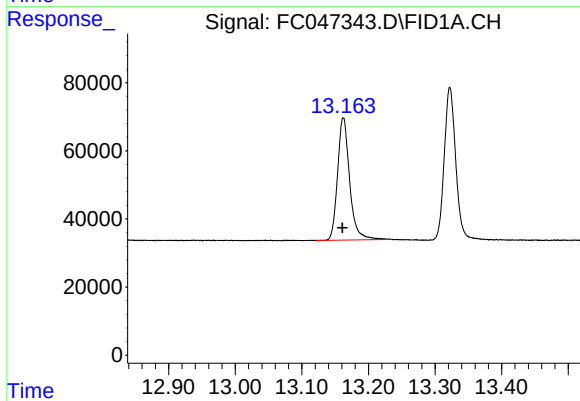
#10 n-Eicosane (C20)

R.T.: 12.715 min  
Delta R.T.: 0.000 min  
Response: 533002  
Conc: 4.58 ug/ml



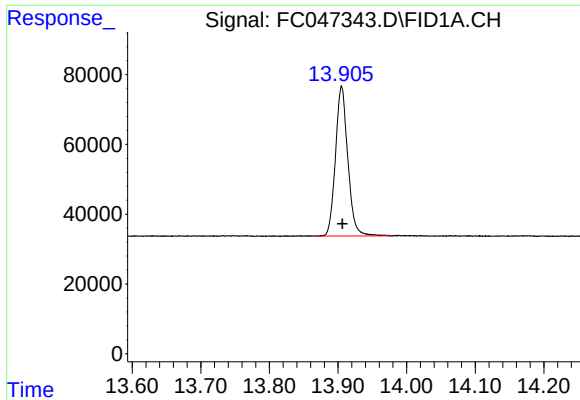
#11 n-Heneicosane (C21)

R.T.: 13.322 min  
Delta R.T.: -0.001 min  
Response: 535789  
Conc: 4.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.162 min  
Delta R.T.: 0.001 min  
Response: 451590  
Conc: 4.50 ug/ml



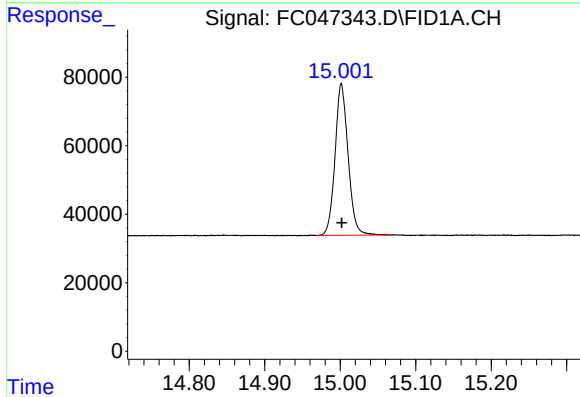
#13 n-Docosane (C22)

R.T.: 13.905 min  
Delta R.T.: -0.001 min  
Response: 535159  
Conc: 4.62 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

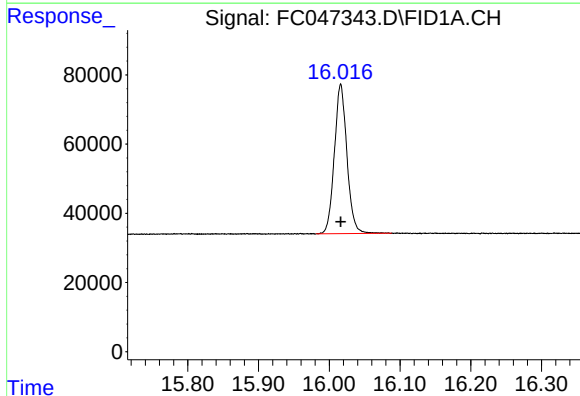
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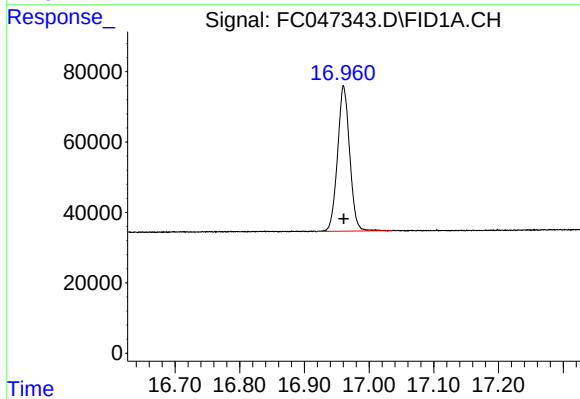
#14 n-Tetracosane (C24)

R.T.: 15.002 min  
Delta R.T.: 0.000 min  
Response: 532798  
Conc: 4.62 ug/ml



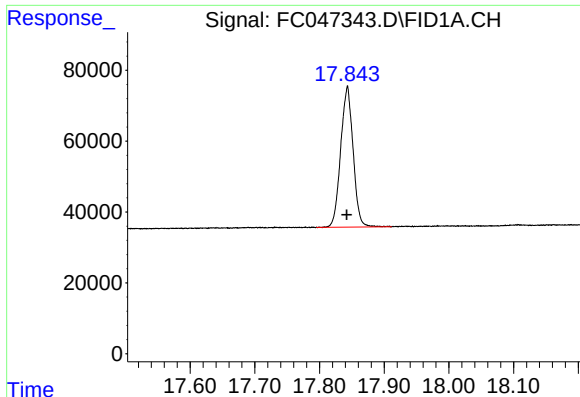
#15 n-Hexacosane (C26)

R.T.: 16.016 min  
Delta R.T.: 0.000 min  
Response: 533686  
Conc: 4.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.961 min  
Delta R.T.: 0.000 min  
Response: 538433  
Conc: 4.80 ug/ml



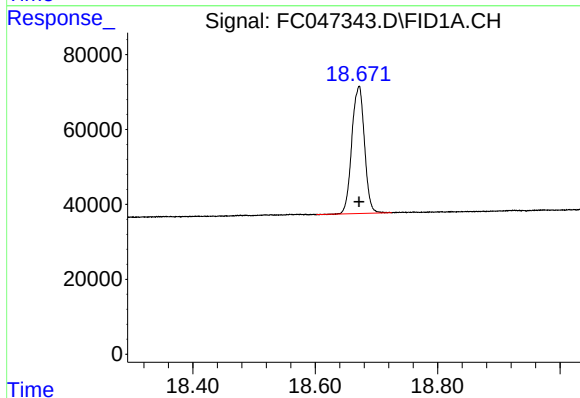
#17 n-Tricontane (C30)

R.T.: 17.843 min  
Delta R.T.: 0.000 min  
Response: 528927  
Conc: 4.90 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
5 PPM ALIPHATIC HC STD5

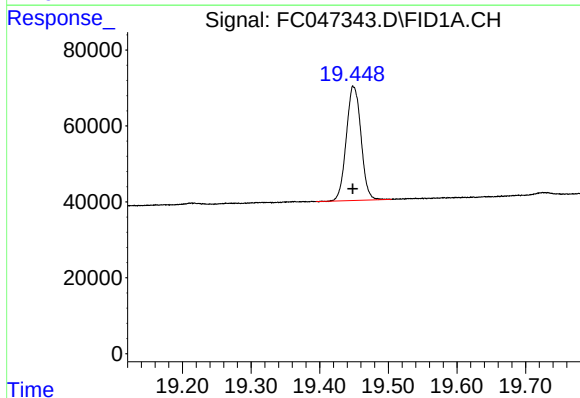
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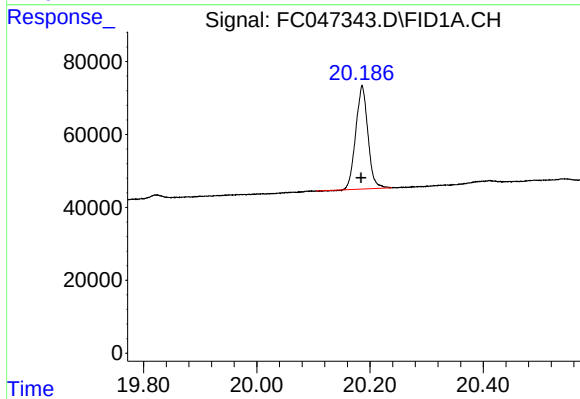
#18 n-Dotriacontane (C32)

R.T.: 18.671 min  
Delta R.T.: 0.000 min  
Response: 485840  
Conc: 4.96 ug/ml



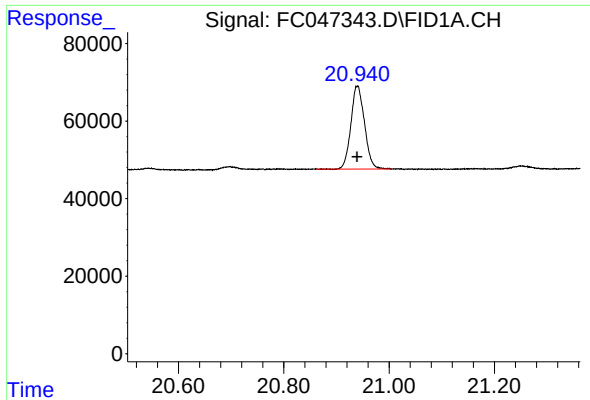
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min  
Delta R.T.: 0.001 min  
Response: 446742  
Conc: 4.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.186 min  
Delta R.T.: 0.002 min  
Response: 422317  
Conc: 4.89 ug/ml



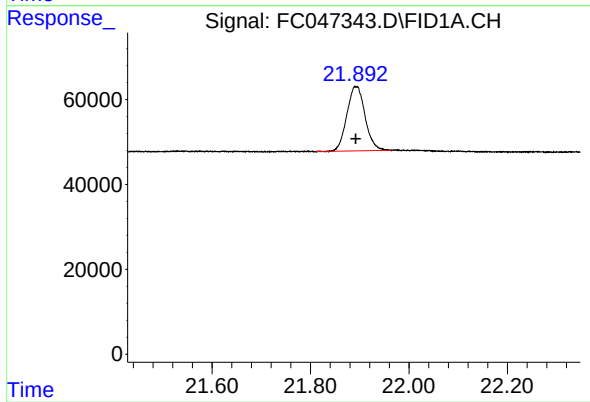
#21 n-Octatriacontane (C38)

R.T.: 20.940 min  
Delta R.T.: 0.000 min  
Response: 384438  
Conc: 4.74 ug/ml

Instrument :  
FID\_C  
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5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.892 min  
Delta R.T.: 0.000 min  
Response: 389352  
Conc: 4.77 ug/ml