

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060520AL\  
 Data File : FC047767.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Jun 2020 3:53  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 06 06:37:23 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)    | 11.737 | 2215393    | 18.532 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.06%       |
| 12) S 1-chlorooctadecane (S... | 13.151 | 1778591    | 18.134 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.544  | 2176715    | 21.472 ug/ml |
| 2) T n-Decane (C10)            | 4.607  | 2193709    | 21.467 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.207  | 2156186    | 20.707 ug/ml |
| 4) T n-Dodecane (C12)          | 6.608  | 2226743    | 21.082 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.255  | 2163141    | 20.599 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.387  | 2180772    | 20.617 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.974  | 2113611    | 19.976 ug/ml |
| 8) T n-Octadecane (C18)        | 11.405 | 2154905    | 19.244 ug/ml |
| 10) T n-Eicosane (C20)         | 12.705 | 2110361    | 18.547 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.313 | 2080187    | 18.297 ug/ml |
| 13) T n-Docosane (C22)         | 13.895 | 2044995    | 17.996 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.991 | 1995391    | 17.636 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.007 | 1951495    | 17.423 ug/ml |
| 16) T n-Octacosane (C28)       | 16.949 | 1963662    | 17.605 ug/ml |
| 17) T n-Tricontane (C30)       | 17.832 | 1962937    | 18.155 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.660 | 1895752    | 19.224 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.438 | 1723291    | 18.788 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.176 | 1865544    | 21.511 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.927 | 1604280    | 19.883 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.874 | 1731569    | 21.293 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

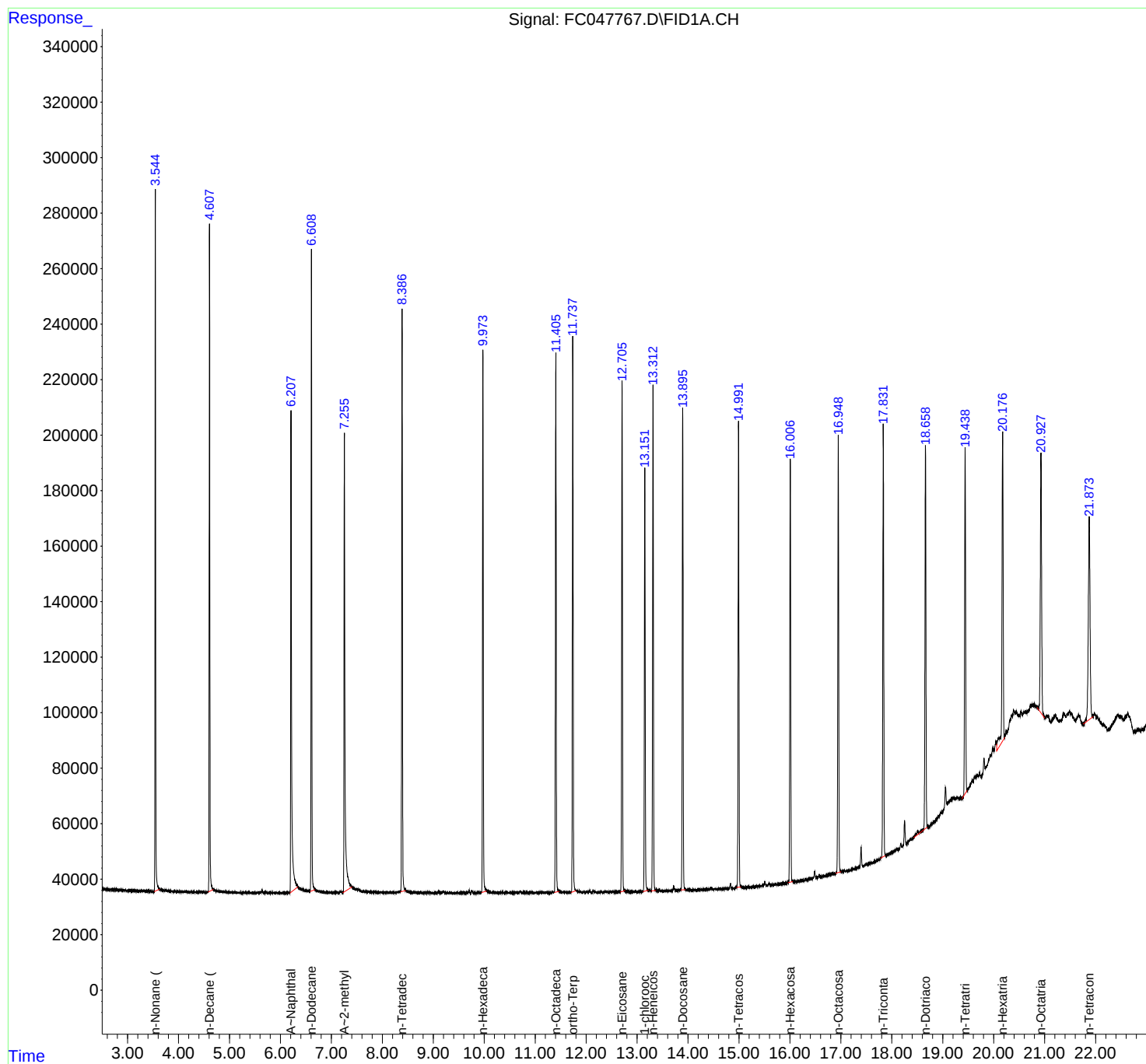
(m)=manual int.

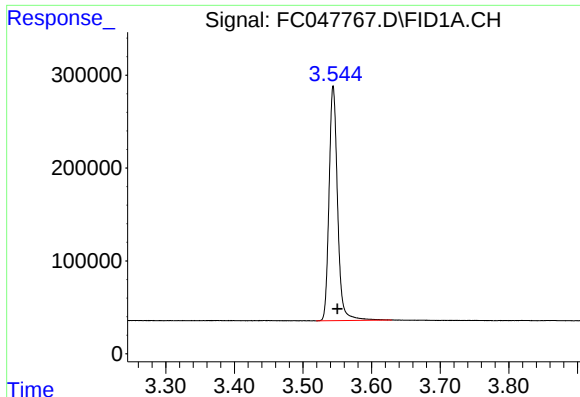
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060520AL\  
Data File : FC047767.D  
Signal(s) : FID1A.CH  
Acq On : 06 Jun 2020 3:53  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
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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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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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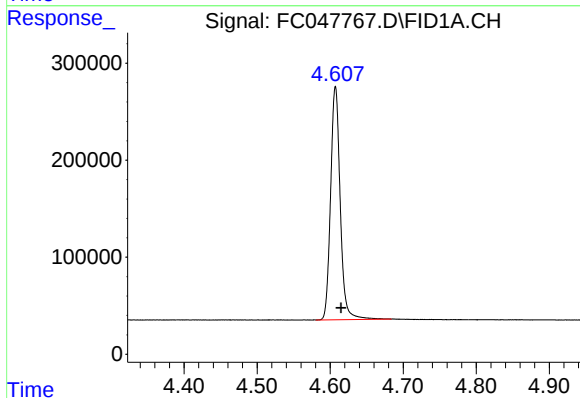




#1 n-Nonane (C9)

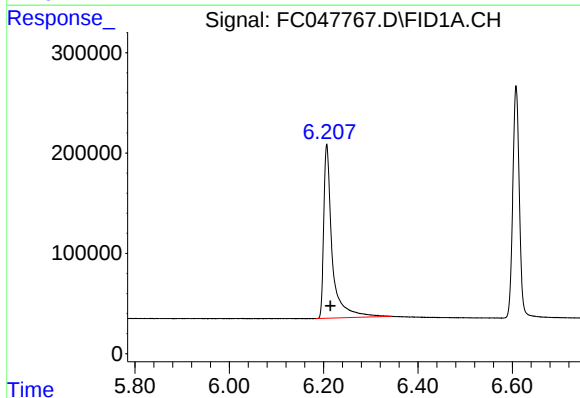
R.T.: 3.544 min  
Delta R.T.: -0.006 min  
Response: 2176715  
Conc: 21.47 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



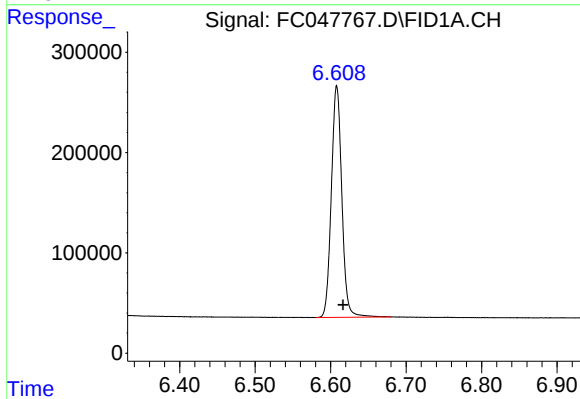
#2 n-Decane (C10)

R.T.: 4.607 min  
Delta R.T.: -0.008 min  
Response: 2193709  
Conc: 21.47 ug/ml



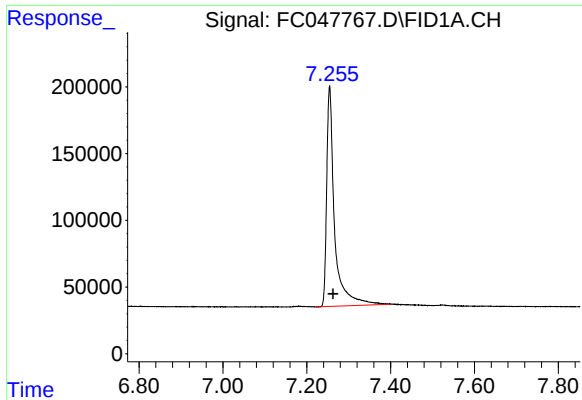
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min  
Delta R.T.: -0.008 min  
Response: 2156186  
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

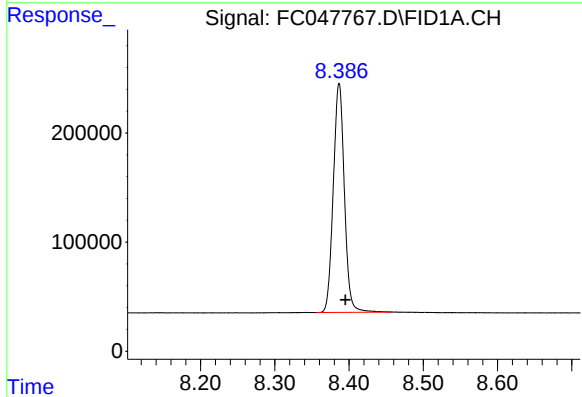
R.T.: 6.608 min  
Delta R.T.: -0.009 min  
Response: 2226743  
Conc: 21.08 ug/ml



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

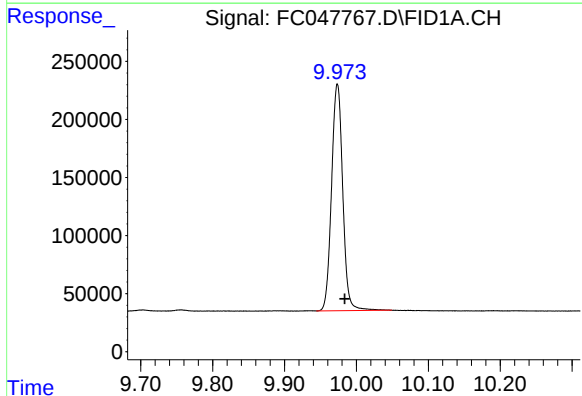
R.T.: 7.255 min  
Delta R.T.: -0.008 min  
Response: 2163141  
Conc: 20.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



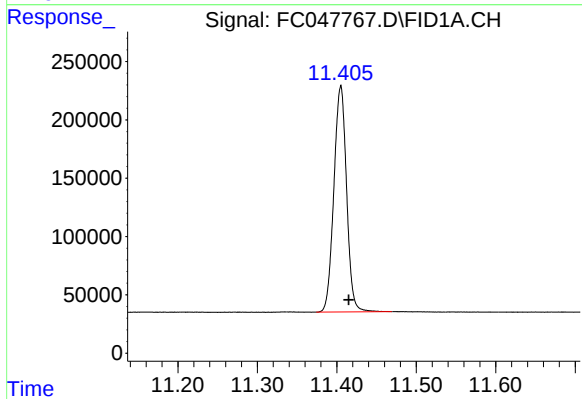
#6 n-Tetradecane (C14)

R.T.: 8.387 min  
Delta R.T.: -0.009 min  
Response: 2180772  
Conc: 20.62 ug/ml



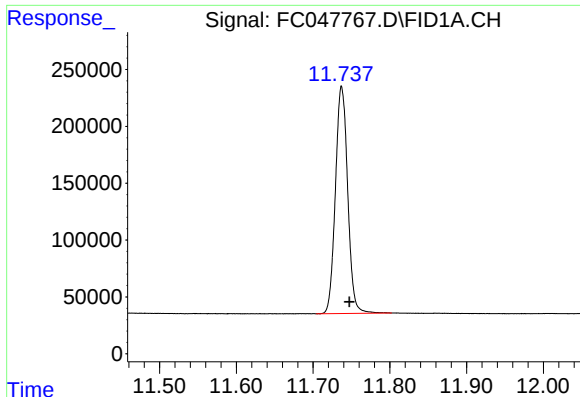
#7 n-Hexadecane (C16)

R.T.: 9.974 min  
Delta R.T.: -0.010 min  
Response: 2113611  
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

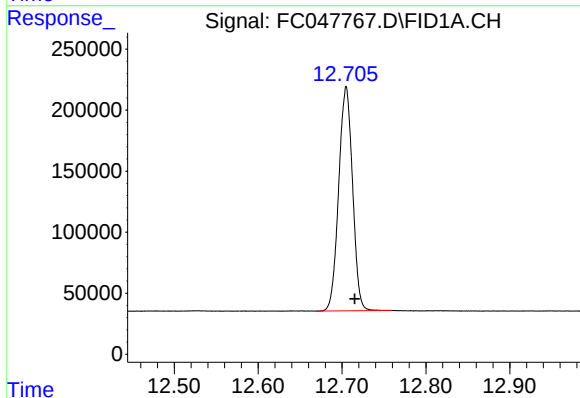
R.T.: 11.405 min  
Delta R.T.: -0.010 min  
Response: 2154905  
Conc: 19.24 ug/ml



#9 ortho-Terphenyl (SURR)

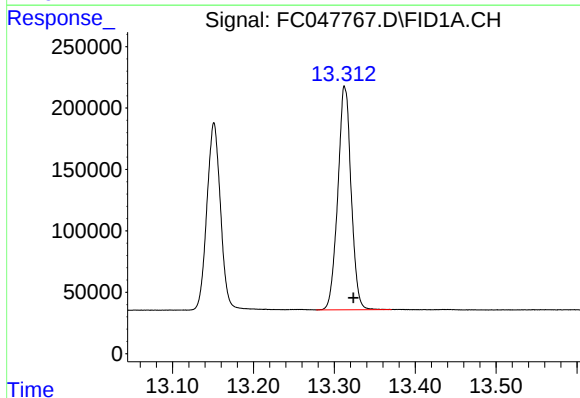
R.T.: 11.737 min  
Delta R.T.: -0.010 min  
Response: 2215393  
Conc: 18.53 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



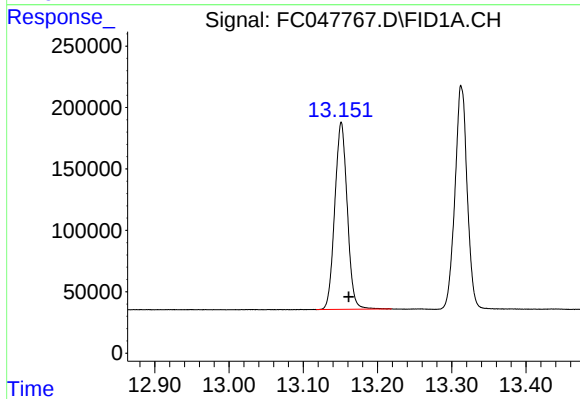
#10 n-Eicosane (C20)

R.T.: 12.705 min  
Delta R.T.: -0.010 min  
Response: 2110361  
Conc: 18.55 ug/ml



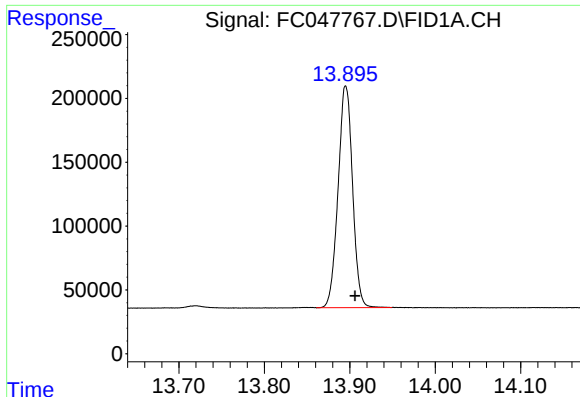
#11 n-Heneicosane (C21)

R.T.: 13.313 min  
Delta R.T.: -0.011 min  
Response: 2080187  
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

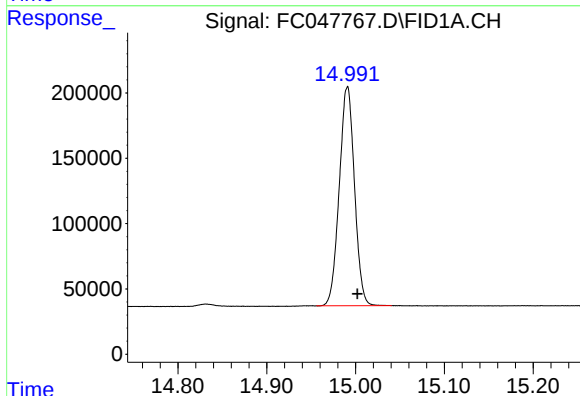
R.T.: 13.151 min  
Delta R.T.: -0.010 min  
Response: 1778591  
Conc: 18.13 ug/ml



#13 n-Docosane (C22)

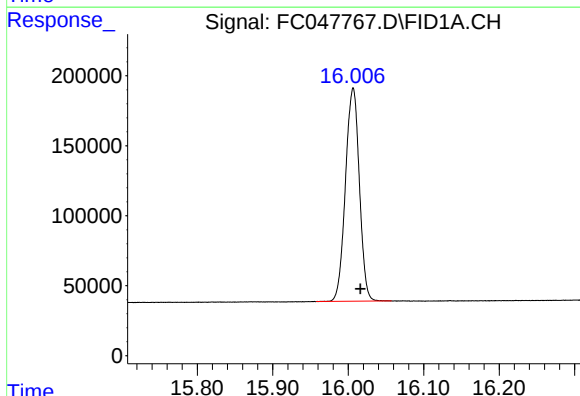
R.T.: 13.895 min  
Delta R.T.: -0.011 min  
Response: 2044995  
Conc: 18.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



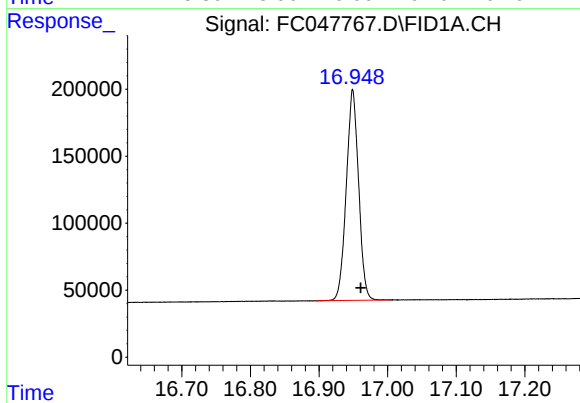
#14 n-Tetracosane (C24)

R.T.: 14.991 min  
Delta R.T.: -0.011 min  
Response: 1995391  
Conc: 17.64 ug/ml



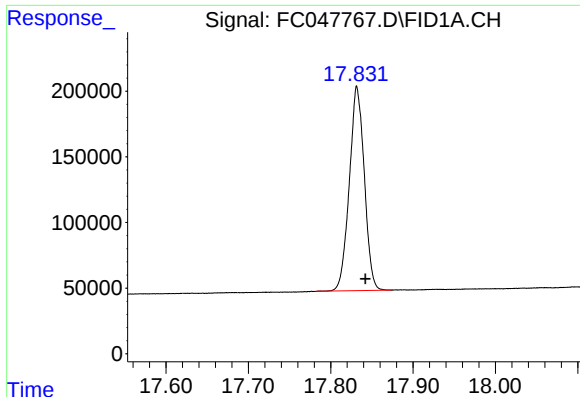
#15 n-Hexacosane (C26)

R.T.: 16.007 min  
Delta R.T.: -0.009 min  
Response: 1951495  
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

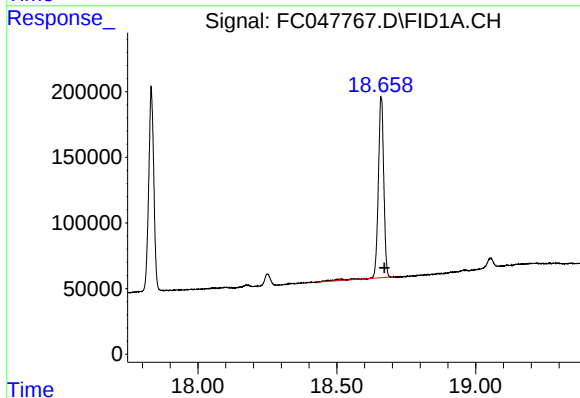
R.T.: 16.949 min  
Delta R.T.: -0.012 min  
Response: 1963662  
Conc: 17.61 ug/ml



#17 n-Tricontane (C30)

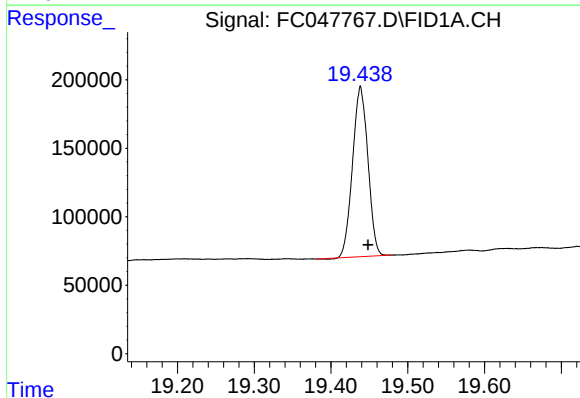
R.T.: 17.832 min  
Delta R.T.: -0.010 min  
Response: 1962937  
Conc: 18.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



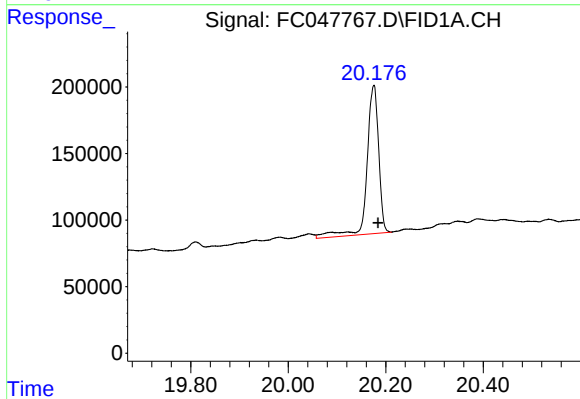
#18 n-Dotriacontane (C32)

R.T.: 18.660 min  
Delta R.T.: -0.012 min  
Response: 1895752  
Conc: 19.22 ug/ml



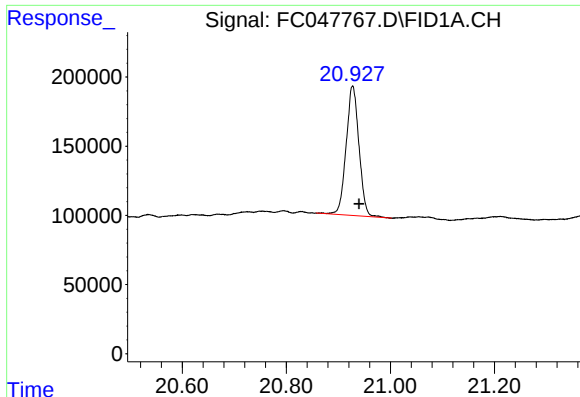
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min  
Delta R.T.: -0.010 min  
Response: 1723291  
Conc: 18.79 ug/ml



#20 n-Hexatriacontane (C36)

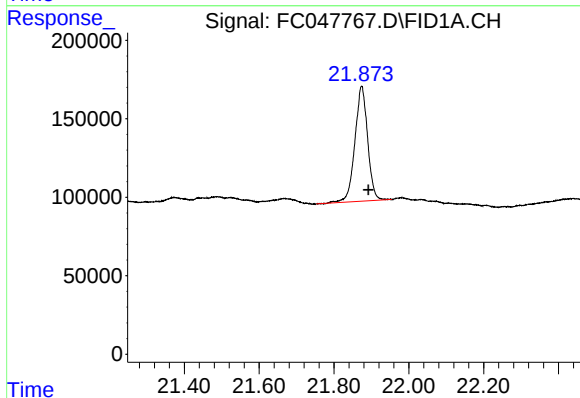
R.T.: 20.176 min  
Delta R.T.: -0.009 min  
Response: 1865544  
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.927 min  
Delta R.T.: -0.012 min  
Response: 1604280  
Conc: 19.88 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.874 min  
Delta R.T.: -0.018 min  
Response: 1731569  
Conc: 21.29 ug/ml