

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060420AL\  
 Data File : FC047730.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Jun 2020 21:14  
 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: Jun 05 05:34:09 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)    | 11.736 | 2134489    | 17.856 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.71%       |
| 12) S 1-chlorooctadecane (S... | 13.149 | 1714888    | 17.484 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.97%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.545  | 2047613    | 20.198 ug/ml |
| 2) T n-Decane (C10)            | 4.607  | 2063212    | 20.190 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 6.206  | 2000580    | 19.213 ug/ml |
| 4) T n-Dodecane (C12)          | 6.607  | 2106139    | 19.940 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.254  | 2007263    | 19.114 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.385  | 2077133    | 19.637 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.972  | 2016894    | 19.062 ug/ml |
| 8) T n-Octadecane (C18)        | 11.403 | 2071017    | 18.495 ug/ml |
| 10) T n-Eicosane (C20)         | 12.702 | 2034699    | 17.882 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.310 | 2010467    | 17.684 ug/ml |
| 13) T n-Docosane (C22)         | 13.892 | 1976731    | 17.395 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.988 | 1922127    | 16.988 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.003 | 1868100    | 16.679 ug/ml |
| 16) T n-Octacosane (C28)       | 16.946 | 1861869    | 16.693 ug/ml |
| 17) T n-Tricontane (C30)       | 17.828 | 1848422    | 17.096 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.655 | 1734173    | 17.585 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.435 | 1648673    | 17.974 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.171 | 1596873    | 18.413 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.925 | 1524829    | 18.898 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.867 | 1565165    | 19.247 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

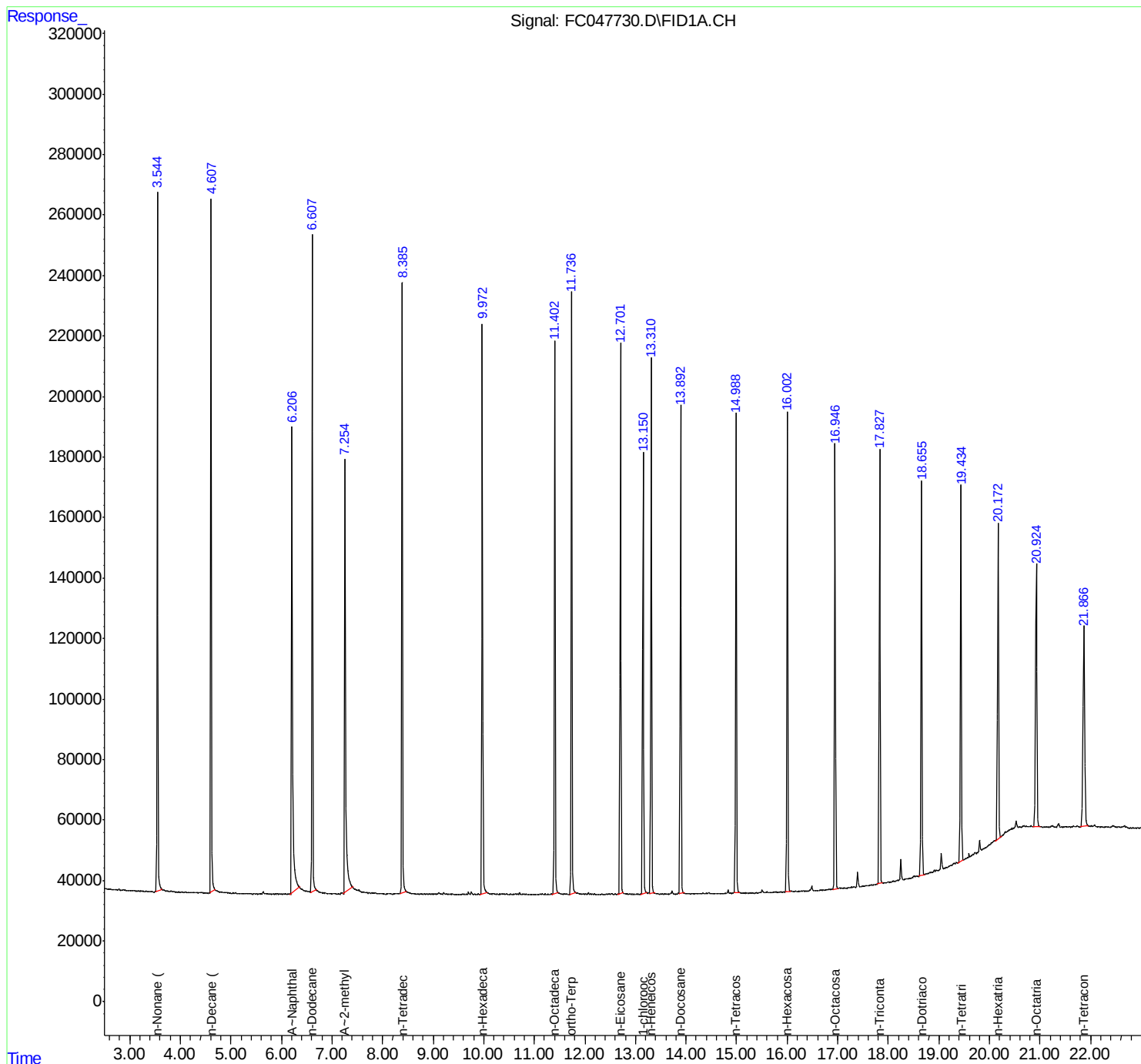
(m)=manual int.

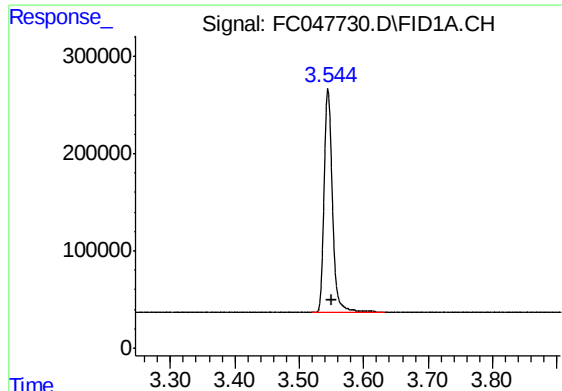
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060420AL\  
Data File : FC047730.D  
Signal(s) : FID1A.CH  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
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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

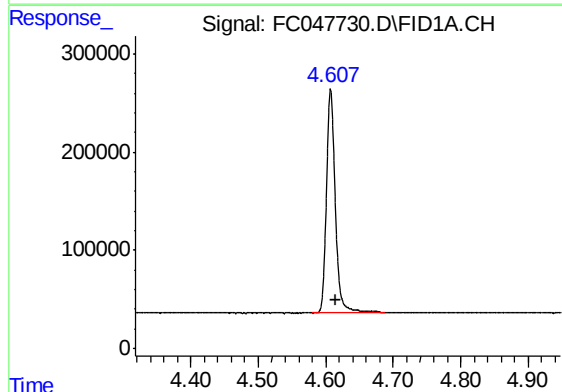




#1 n-Nonane (C9)

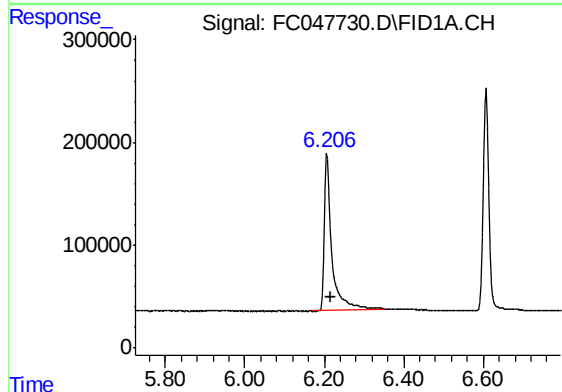
R.T.: 3.545 min  
Delta R.T.: -0.005 min  
Response: 2047613  
Conc: 20.20 ug/ml

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



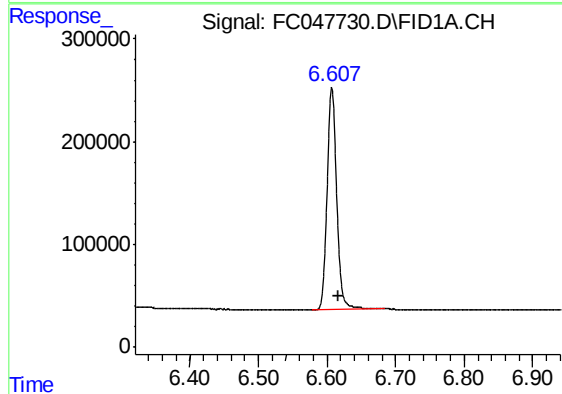
#2 n-Decane (C10)

R.T.: 4.607 min  
Delta R.T.: -0.008 min  
Response: 2063212  
Conc: 20.19 ug/ml



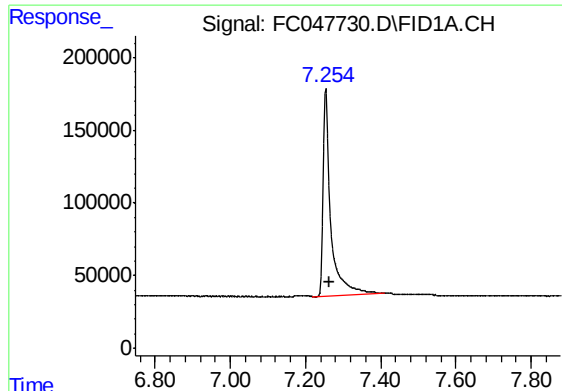
#3 A-Naphthalene (C11.7)

R.T.: 6.206 min  
Delta R.T.: -0.008 min  
Response: 2000580  
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

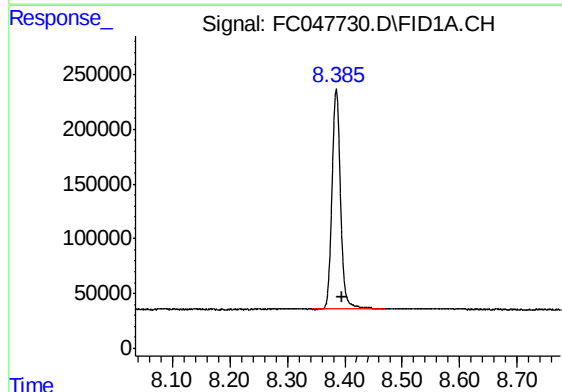
R.T.: 6.607 min  
Delta R.T.: -0.010 min  
Response: 2106139  
Conc: 19.94 ug/ml



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

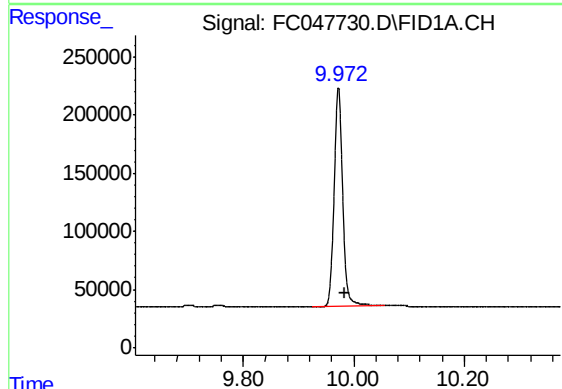
R.T.: 7.254 min  
Delta R.T.: -0.009 min  
Response: 2007263  
Conc: 19.11 ug/ml

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



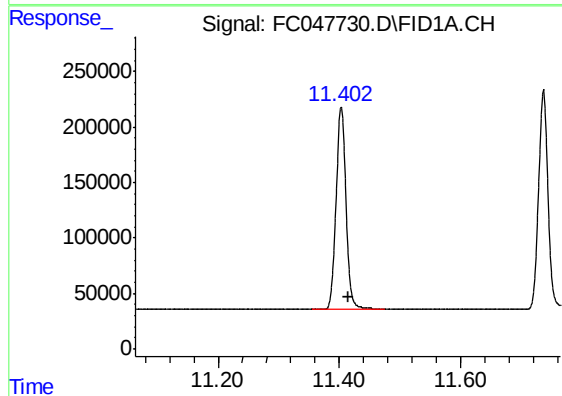
#6 n-Tetradecane (C14)

R.T.: 8.385 min  
Delta R.T.: -0.010 min  
Response: 2077133  
Conc: 19.64 ug/ml



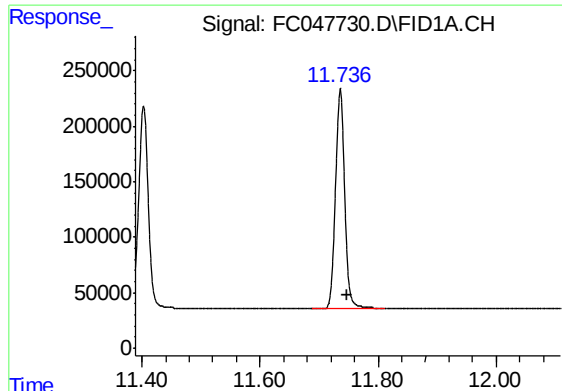
#7 n-Hexadecane (C16)

R.T.: 9.972 min  
Delta R.T.: -0.011 min  
Response: 2016894  
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

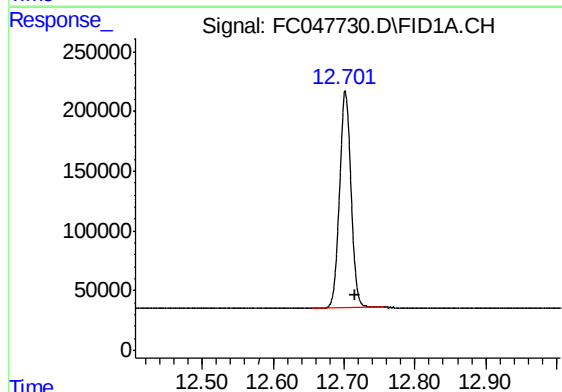
R.T.: 11.403 min  
Delta R.T.: -0.012 min  
Response: 2071017  
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

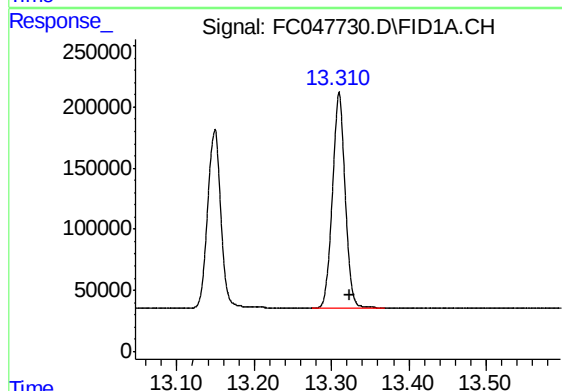
R.T.: 11.736 min  
Delta R.T.: -0.011 min  
Response: 2134489  
Conc: 17.86 ug/ml

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



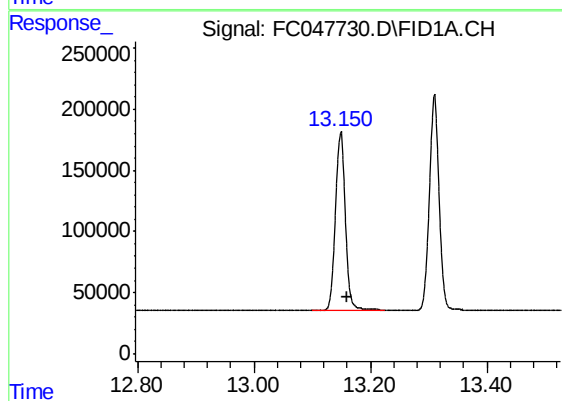
#10 n-Eicosane (C20)

R.T.: 12.702 min  
Delta R.T.: -0.013 min  
Response: 2034699  
Conc: 17.88 ug/ml



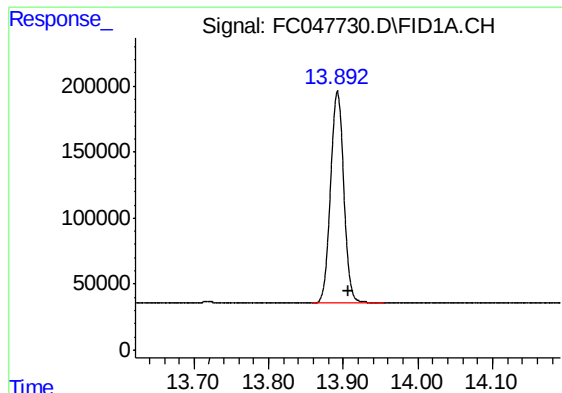
#11 n-Heneicosane (C21)

R.T.: 13.310 min  
Delta R.T.: -0.014 min  
Response: 2010467  
Conc: 17.68 ug/ml



#12 1-chlorooctadecane (SURR)

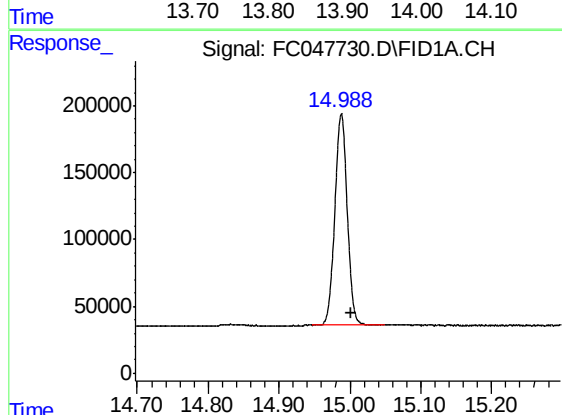
R.T.: 13.149 min  
Delta R.T.: -0.012 min  
Response: 1714888  
Conc: 17.48 ug/ml



#13 n-Docosane (C22)

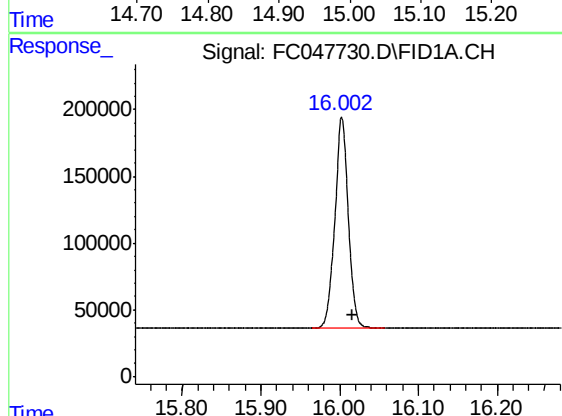
R.T.: 13.892 min  
Delta R.T.: -0.014 min  
Response: 1976731  
Conc: 17.40 ug/ml

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



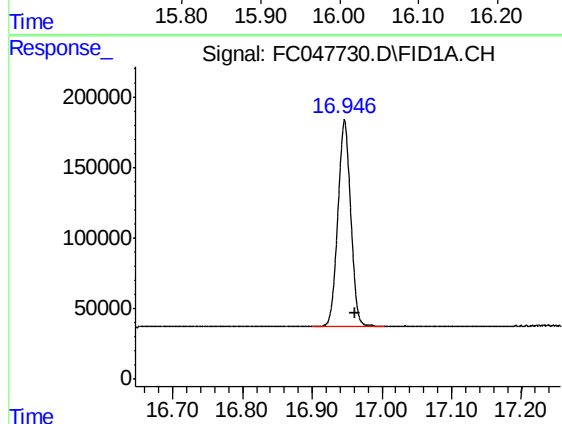
#14 n-Tetracosane (C24)

R.T.: 14.988 min  
Delta R.T.: -0.014 min  
Response: 1922127  
Conc: 16.99 ug/ml



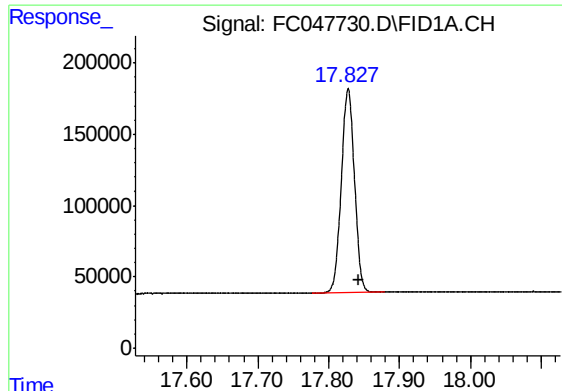
#15 n-Hexacosane (C26)

R.T.: 16.003 min  
Delta R.T.: -0.013 min  
Response: 1868100  
Conc: 16.68 ug/ml



#16 n-Octacosane (C28)

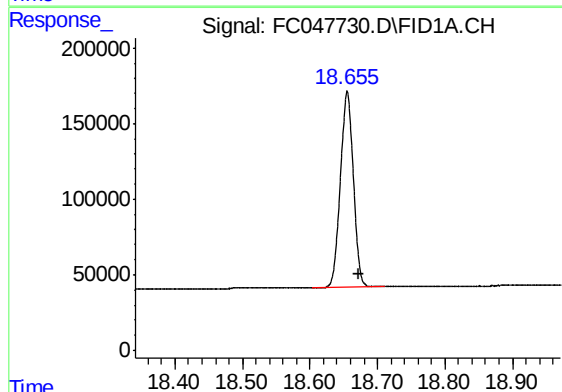
R.T.: 16.946 min  
Delta R.T.: -0.014 min  
Response: 1861869  
Conc: 16.69 ug/ml



#17 n-Tricontane (C30)

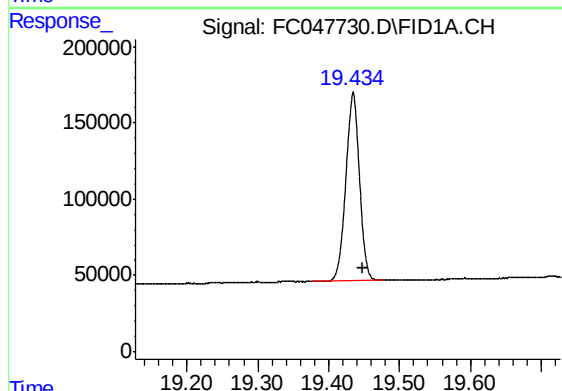
R.T.: 17.828 min  
Delta R.T.: -0.014 min  
Response: 1848422  
Conc: 17.10 ug/ml

Instrument :  
FID\_C  
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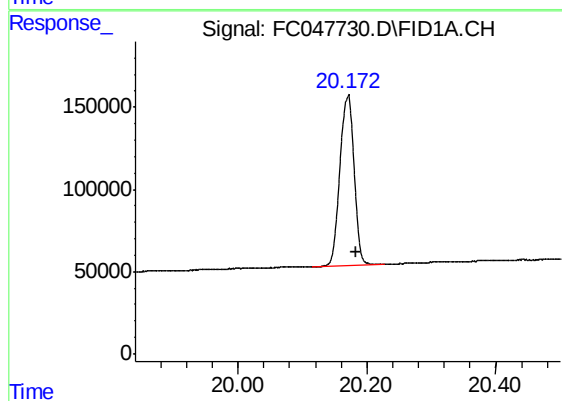
#18 n-Dotriacontane (C32)

R.T.: 18.655 min  
Delta R.T.: -0.016 min  
Response: 1734173  
Conc: 17.59 ug/ml



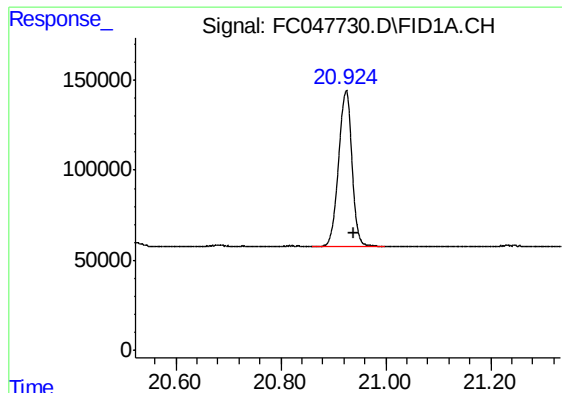
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min  
Delta R.T.: -0.014 min  
Response: 1648673  
Conc: 17.97 ug/ml



#20 n-Hexatriacontane (C36)

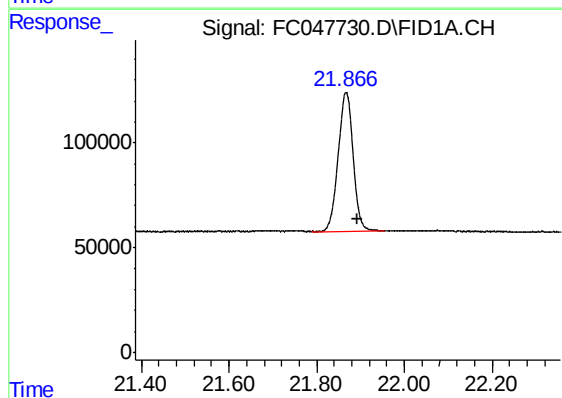
R.T.: 20.171 min  
Delta R.T.: -0.013 min  
Response: 1596873  
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.925 min  
Delta R.T.: -0.015 min  
Response: 1524829  
Conc: 18.90 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.867 min  
Delta R.T.: -0.025 min  
Response: 1565165  
Conc: 19.25 ug/ml