

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112018AL\  
 Data File : FC037804.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Nov 2018 8:34  
 Operator : AJ\SJ  
 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: Nov 21 09:00:49 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 14 03:04:33 2018  
 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)    | 11.302 | 2413531    | 22.121 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.24%       |
| 12) S 1-chlorooctadecane (S... | 12.745 | 1734373    | 20.228 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.46%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.131  | 1589764    | 19.382 ug/ml |
| 2) T n-Decane (C10)            | 4.192  | 1669954    | 20.267 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.755  | 2100173    | 22.509 ug/ml |
| 4) T n-Dodecane (C12)          | 6.199  | 1817105    | 21.385 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.804  | 2171440    | 22.858 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.981  | 1952652    | 21.836 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.571  | 2000444    | 21.564 ug/ml |
| 8) T n-Octadecane (C18)        | 11.004 | 1991518    | 20.272 ug/ml |
| 10) T n-Eicosane (C20)         | 12.307 | 2010931    | 20.125 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.915 | 1994283    | 20.177 ug/ml |
| 13) T n-Docosane (C22)         | 13.499 | 1999634    | 19.936 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.595 | 2019511    | 19.876 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.611 | 2003695    | 19.808 ug/ml |
| 16) T n-Octacosane (C28)       | 16.558 | 1989948    | 19.890 ug/ml |
| 17) T n-Tricontane (C30)       | 17.442 | 1950223    | 19.858 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.270 | 1847733    | 20.109 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.051 | 1551411    | 19.397 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.790 | 1347406    | 18.735 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.488 | 1329221    | 18.890 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.298 | 1472779    | 20.570 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

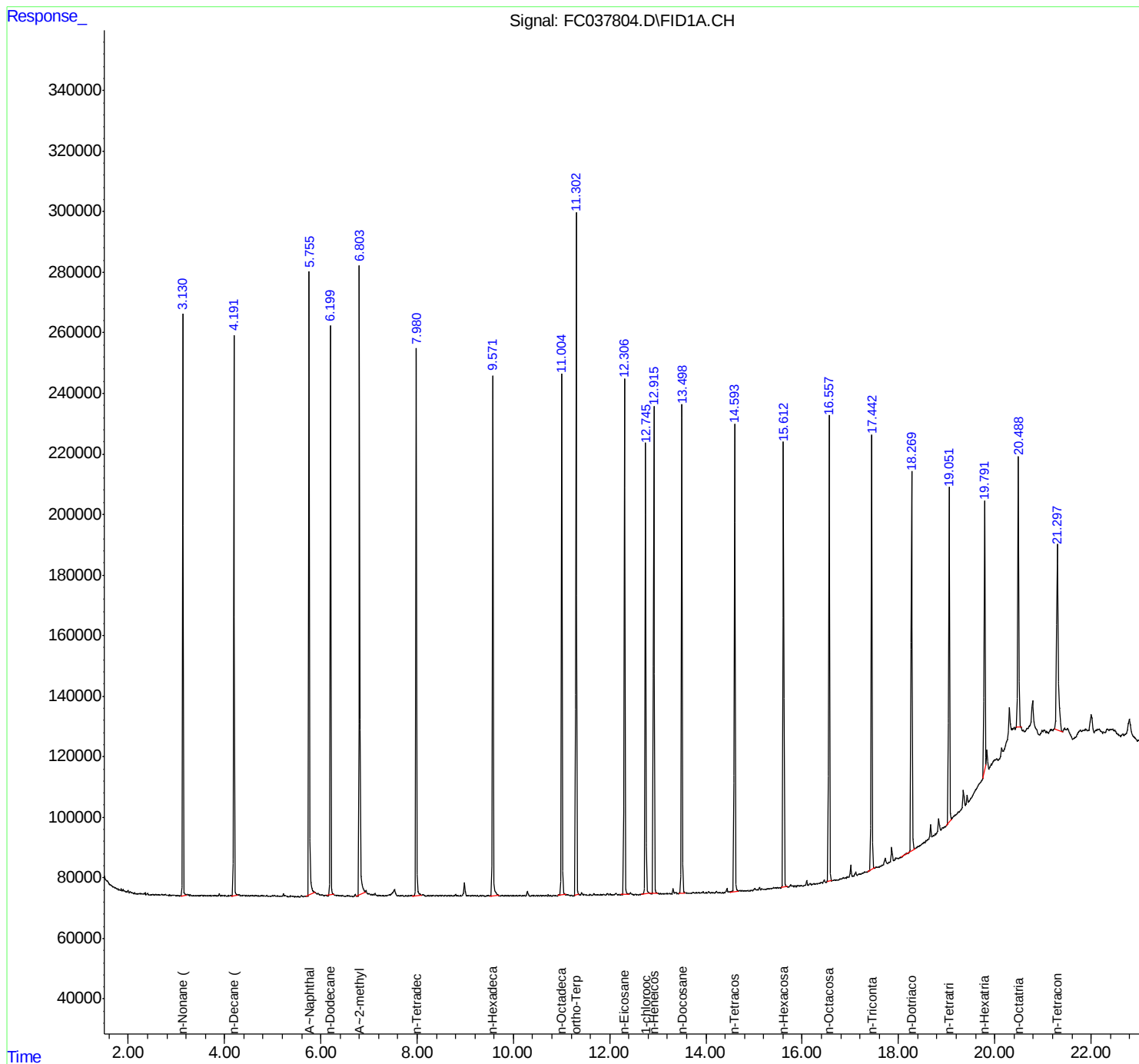
(m)=manual int.

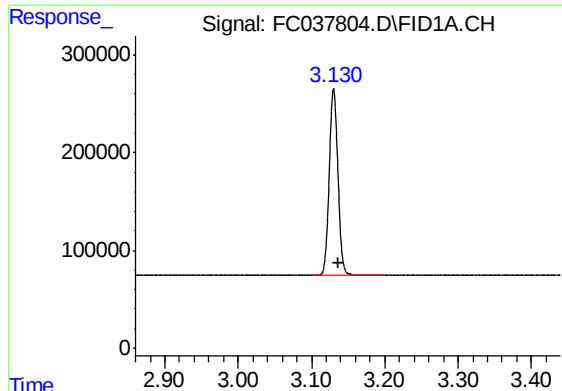
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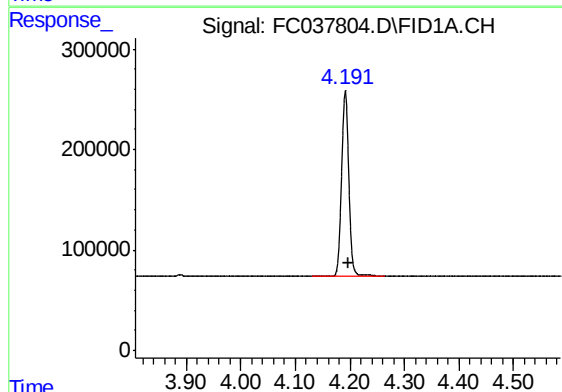




#1 n-Nonane (C9)

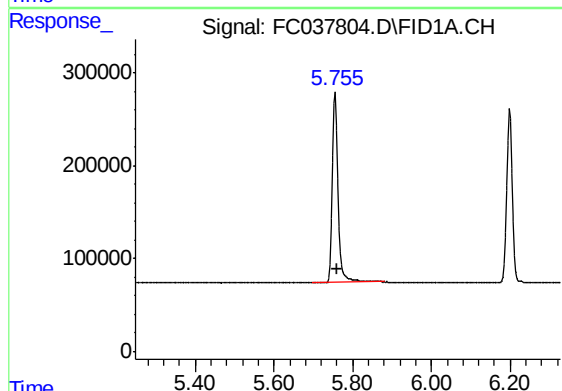
R.T.: 3.131 min  
Delta R.T.: -0.006 min  
Response: 1589764  
Conc: 19.38 ug/ml

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



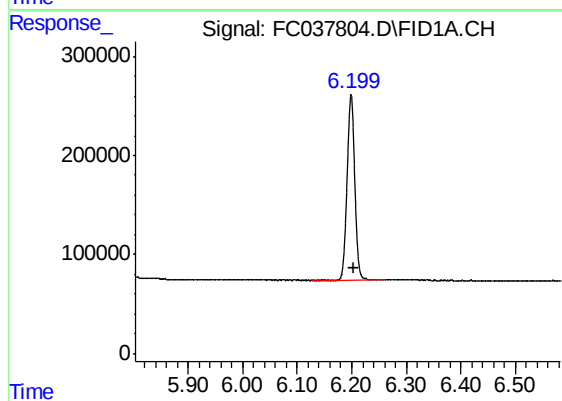
#2 n-Decane (C10)

R.T.: 4.192 min  
Delta R.T.: -0.005 min  
Response: 1669954  
Conc: 20.27 ug/ml



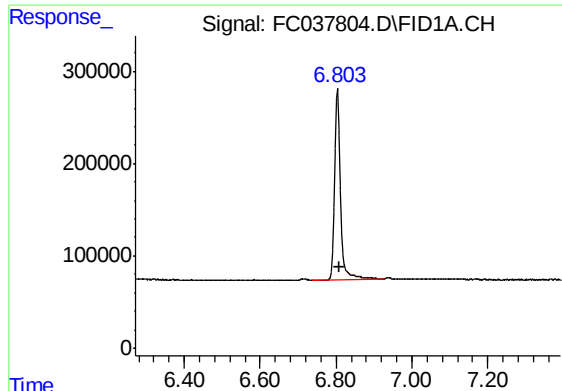
#3 A-Naphthalene (C11.7)

R.T.: 5.755 min  
Delta R.T.: -0.005 min  
Response: 2100173  
Conc: 22.51 ug/ml



#4 n-Dodecane (C12)

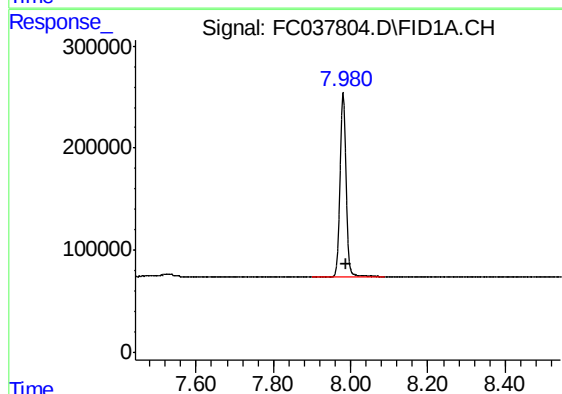
R.T.: 6.199 min  
Delta R.T.: -0.005 min  
Response: 1817105  
Conc: 21.38 ug/ml



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

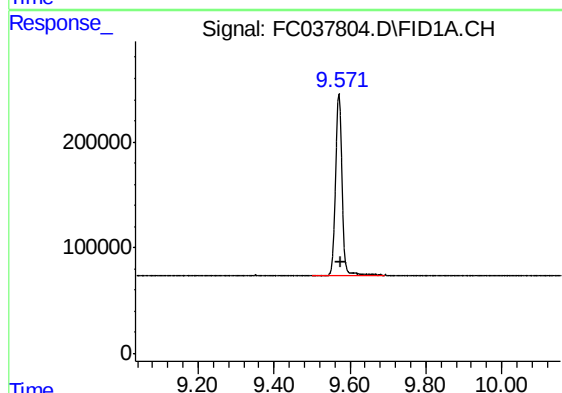
R.T.: 6.804 min  
Delta R.T.: -0.005 min  
Response: 2171440  
Conc: 22.86 ug/ml

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



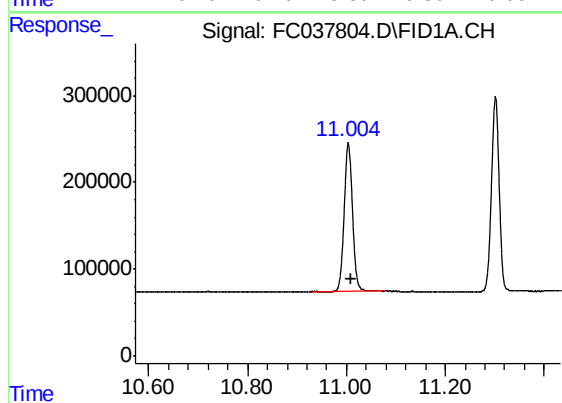
#6 n-Tetradecane (C14)

R.T.: 7.981 min  
Delta R.T.: -0.006 min  
Response: 1952652  
Conc: 21.84 ug/ml



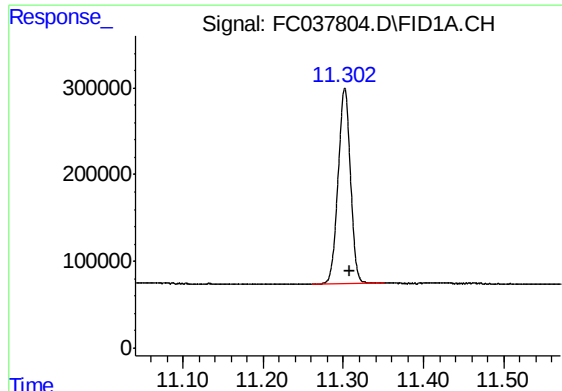
#7 n-Hexadecane (C16)

R.T.: 9.571 min  
Delta R.T.: -0.006 min  
Response: 2000444  
Conc: 21.56 ug/ml



#8 n-Octadecane (C18)

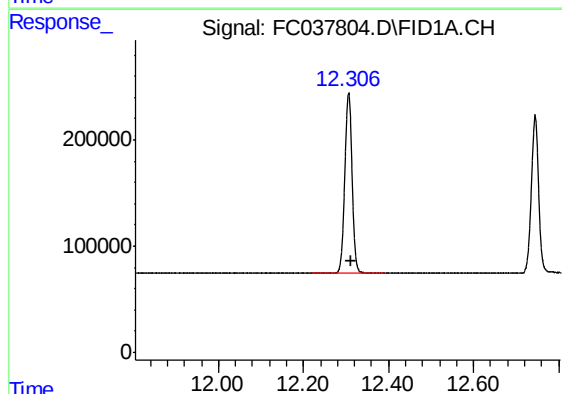
R.T.: 11.004 min  
Delta R.T.: -0.005 min  
Response: 1991518  
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

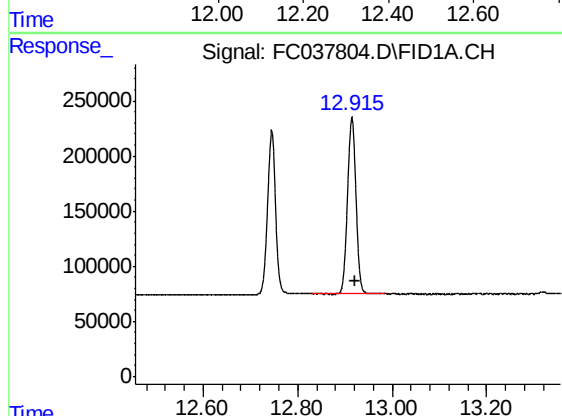
R.T.: 11.302 min  
Delta R.T.: -0.006 min  
Response: 2413531  
Conc: 22.12 ug/ml

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



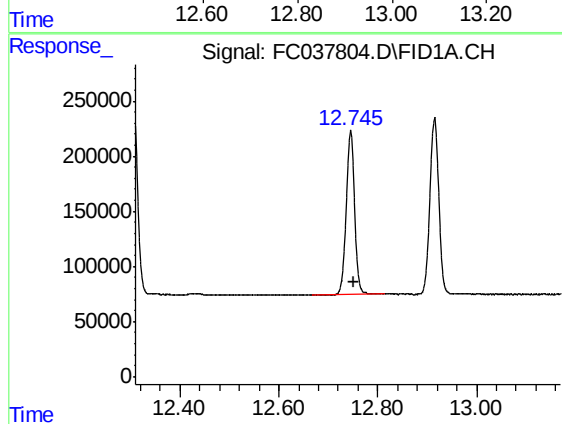
#10 n-Eicosane (C20)

R.T.: 12.307 min  
Delta R.T.: -0.006 min  
Response: 2010931  
Conc: 20.13 ug/ml



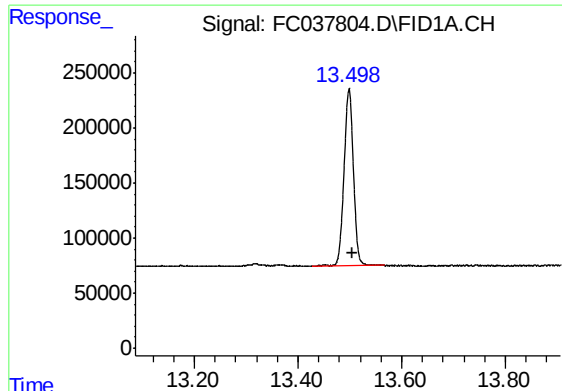
#11 n-Heneicosane (C21)

R.T.: 12.915 min  
Delta R.T.: -0.005 min  
Response: 1994283  
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

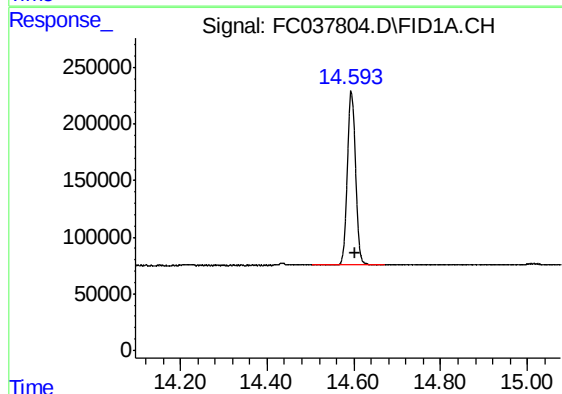
R.T.: 12.745 min  
Delta R.T.: -0.005 min  
Response: 1734373  
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

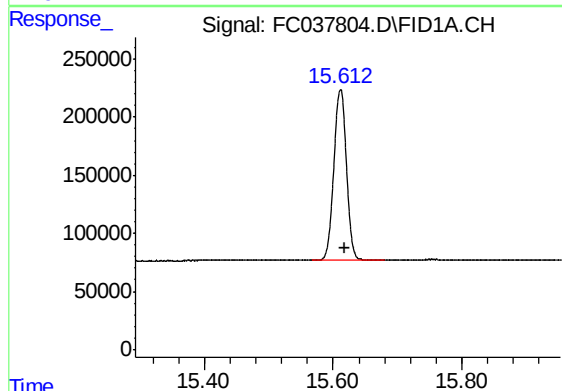
R.T.: 13.499 min  
Delta R.T.: -0.005 min  
Response: 1999634  
Conc: 19.94 ug/ml

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



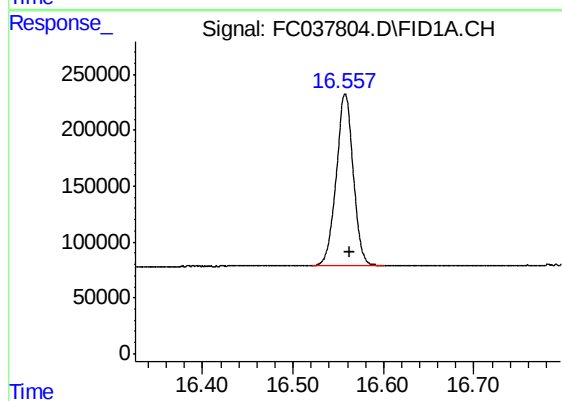
#14 n-Tetracosane (C24)

R.T.: 14.595 min  
Delta R.T.: -0.007 min  
Response: 2019511  
Conc: 19.88 ug/ml



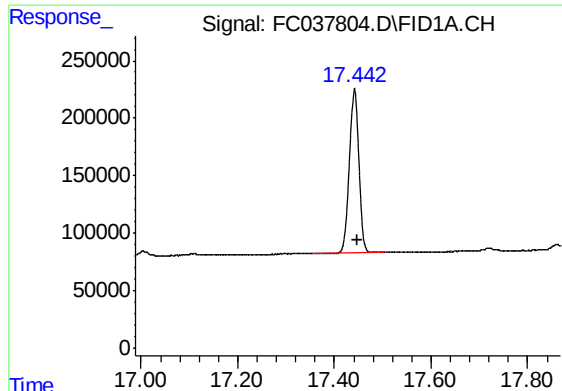
#15 n-Hexacosane (C26)

R.T.: 15.611 min  
Delta R.T.: -0.006 min  
Response: 2003695  
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

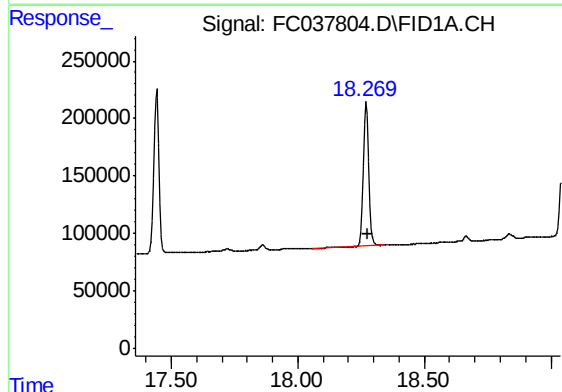
R.T.: 16.558 min  
Delta R.T.: -0.005 min  
Response: 1989948  
Conc: 19.89 ug/ml



#17 n-Tricontane (C30)

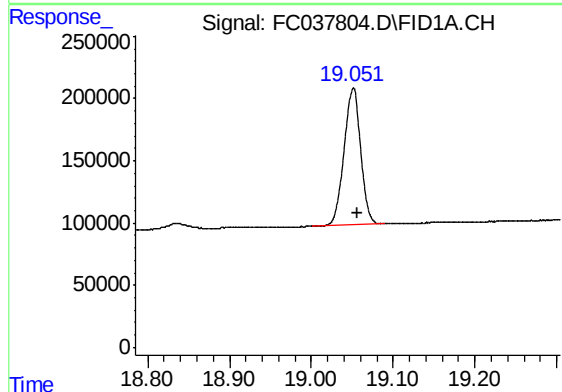
R.T.: 17.442 min  
Delta R.T.: -0.005 min  
Response: 1950223  
Conc: 19.86 ug/ml

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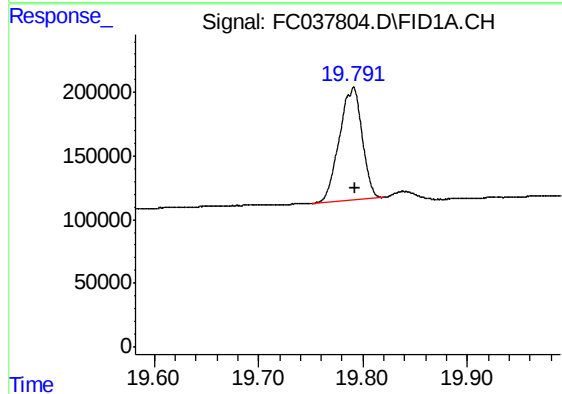
#18 n-Dotriacontane (C32)

R.T.: 18.270 min  
Delta R.T.: -0.006 min  
Response: 1847733  
Conc: 20.11 ug/ml



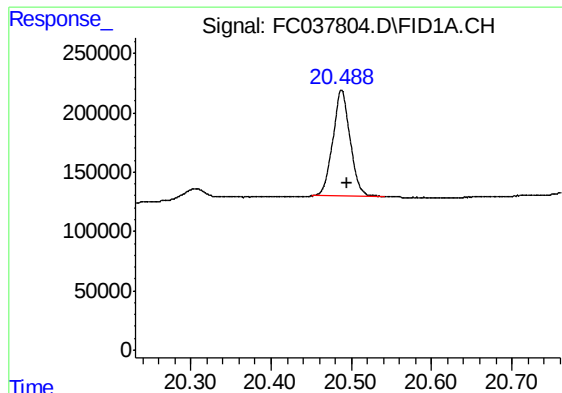
#19 n-Tetratriacontane (C34)

R.T.: 19.051 min  
Delta R.T.: -0.006 min  
Response: 1551411  
Conc: 19.40 ug/ml



#20 n-Hexatriacontane (C36)

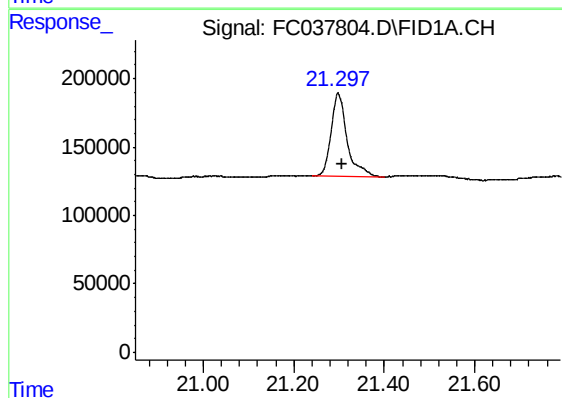
R.T.: 19.790 min  
Delta R.T.: -0.002 min  
Response: 1347406  
Conc: 18.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.488 min  
Delta R.T.: -0.008 min  
Response: 1329221  
Conc: 18.89 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.298 min  
Delta R.T.: -0.009 min  
Response: 1472779  
Conc: 20.57 ug/ml