

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030520AL\  
 Data File : FC046126.D  
 Signal(s) : FID1A.CH  
 Acq On : 05 Mar 2020 13:57  
 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: Mar 06 01:24:45 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Feb 22 03:16:45 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)    | 11.761 | 2272863    | 19.924 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.85%       |
| 12) S 1-chlorooctadecane (S... | 13.180 | 1756578    | 19.581 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.16%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.536  | 2204914    | 21.874 ug/ml |
| 2) T n-Decane (C10)            | 4.605  | 2243415    | 22.242 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.204  | 2428286    | 21.869 ug/ml |
| 4) T n-Dodecane (C12)          | 6.615  | 2261819    | 22.170 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.256  | 2445299    | 21.983 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.401  | 2242720    | 21.909 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.995  | 2218460    | 21.427 ug/ml |
| 8) T n-Octadecane (C18)        | 11.430 | 2185543    | 20.790 ug/ml |
| 10) T n-Eicosane (C20)         | 12.734 | 2120387    | 20.058 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.344 | 2103885    | 19.725 ug/ml |
| 13) T n-Docosane (C22)         | 13.927 | 2060937    | 19.396 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.025 | 2014771    | 18.825 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.044 | 1961695    | 18.457 ug/ml |
| 16) T n-Octacosane (C28)       | 16.989 | 1924477    | 18.381 ug/ml |
| 17) T n-Tricontane (C30)       | 17.873 | 1890451    | 18.760 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.700 | 1642085    | 19.187 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.482 | 1410752    | 19.438 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.217 | 1294442    | 19.141 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.984 | 1210324    | 20.025 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.947 | 1241761    | 19.751 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

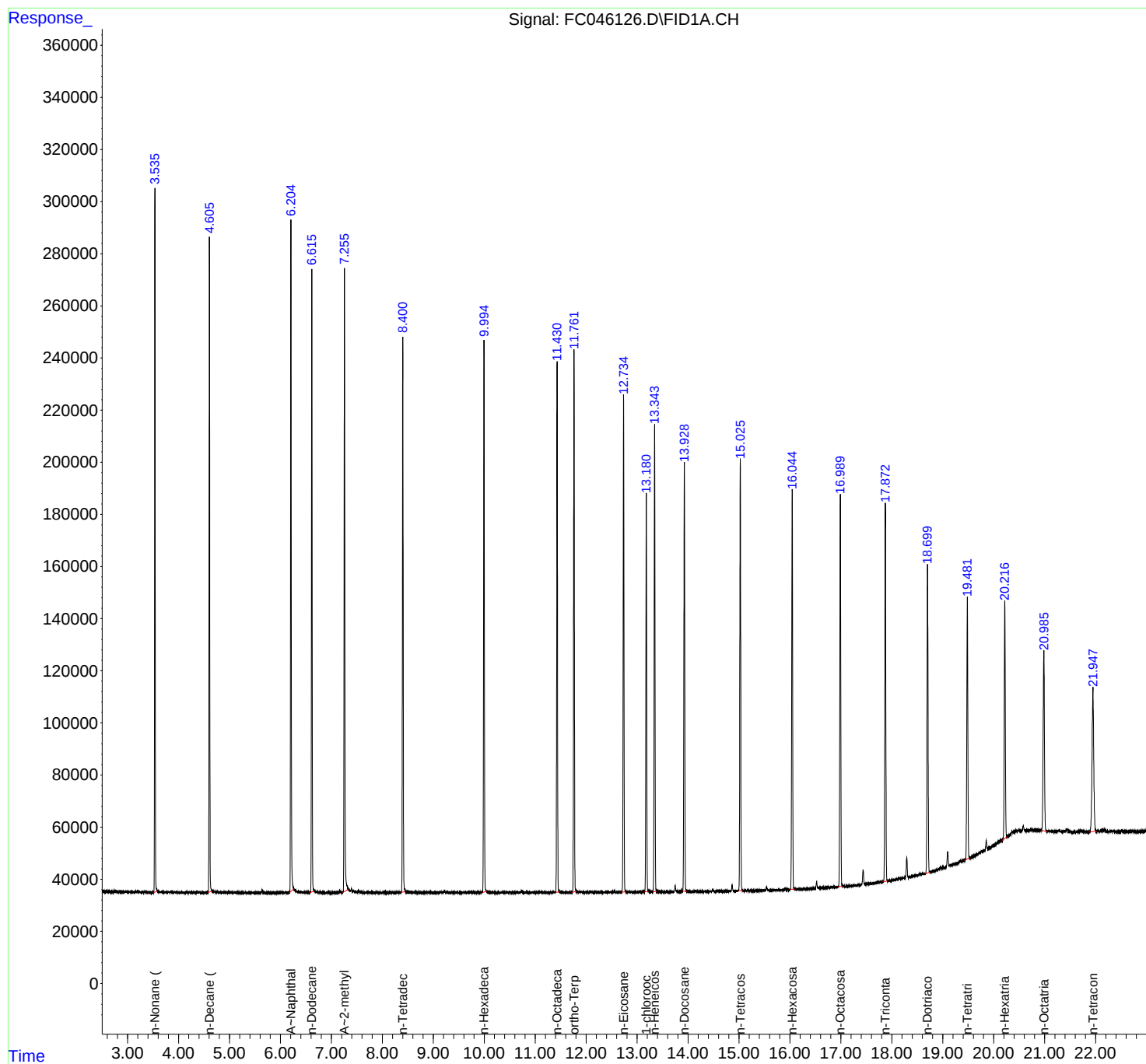
(m)=manual int.

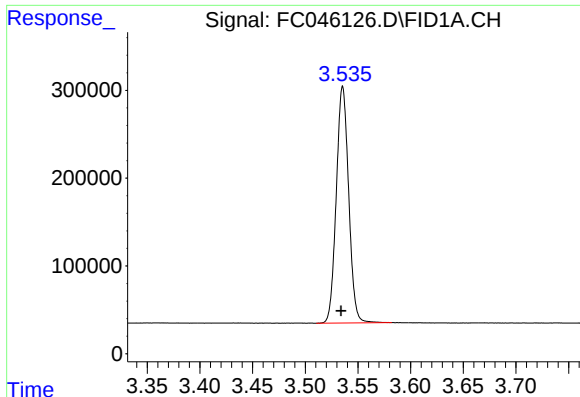
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030520AL\  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022120.M  
Quant Title : GC Extractables  
QLast Update : Sat Feb 22 03:16:45 2020  
Response via : Initial Calibration  
Integrator: 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

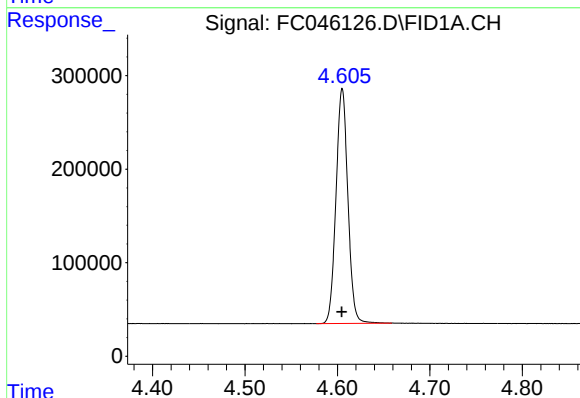




#1 n-Nonane (C9)

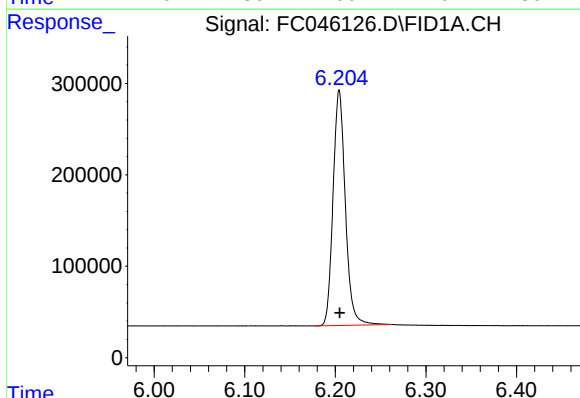
R.T.: 3.536 min  
Delta R.T.: 0.002 min  
Response: 2204914  
Conc: 21.87 ug/ml

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



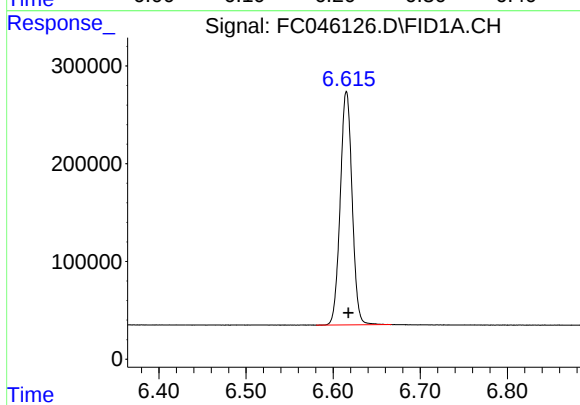
#2 n-Decane (C10)

R.T.: 4.605 min  
Delta R.T.: 0.000 min  
Response: 2243415  
Conc: 22.24 ug/ml



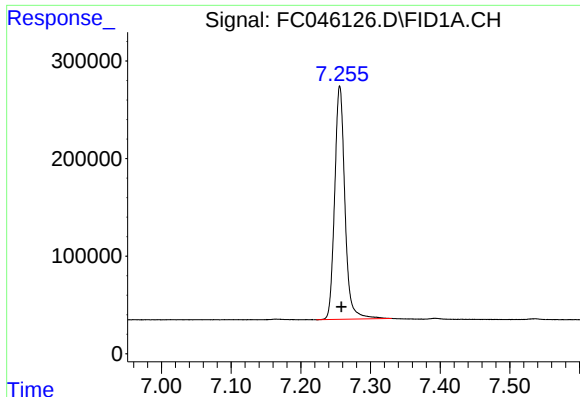
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 2428286  
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

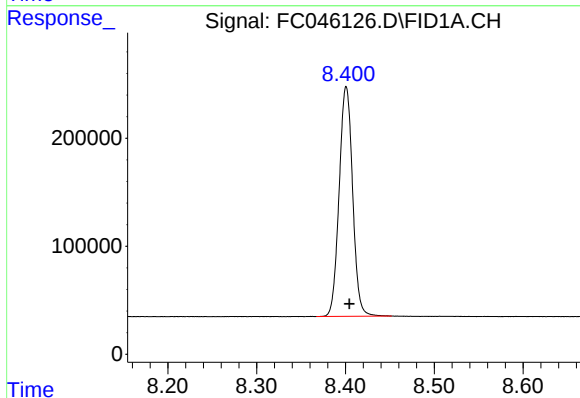
R.T.: 6.615 min  
Delta R.T.: -0.002 min  
Response: 2261819  
Conc: 22.17 ug/ml



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

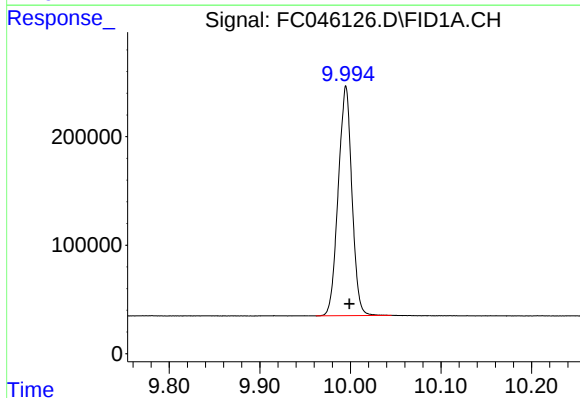
R.T.: 7.256 min  
Delta R.T.: -0.003 min  
Response: 2445299  
Conc: 21.98 ug/ml

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



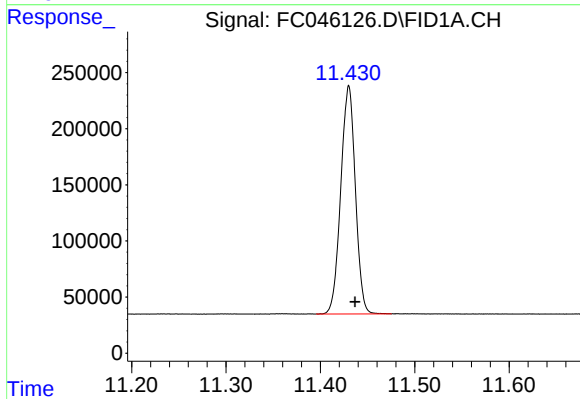
#6 n-Tetradecane (C14)

R.T.: 8.401 min  
Delta R.T.: -0.004 min  
Response: 2242720  
Conc: 21.91 ug/ml



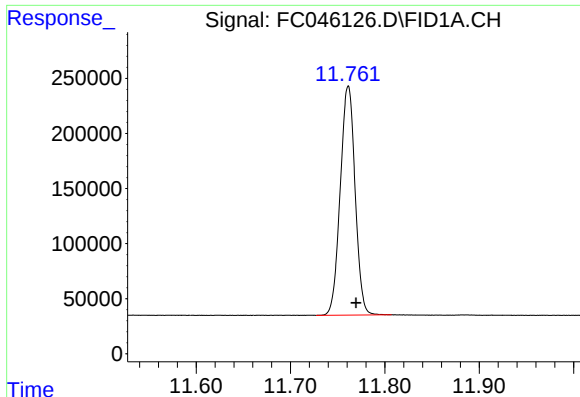
#7 n-Hexadecane (C16)

R.T.: 9.995 min  
Delta R.T.: -0.004 min  
Response: 2218460  
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

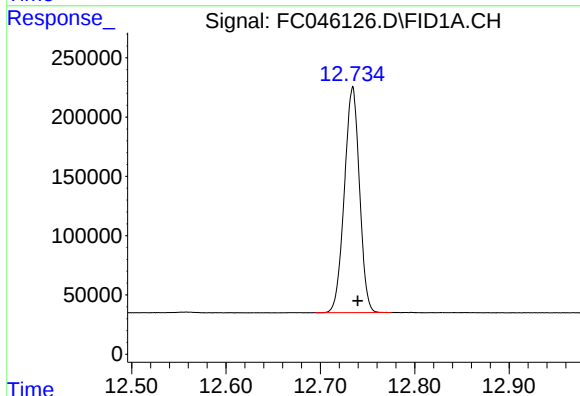
R.T.: 11.430 min  
Delta R.T.: -0.007 min  
Response: 2185543  
Conc: 20.79 ug/ml



#9 ortho-Terphenyl (SURR)

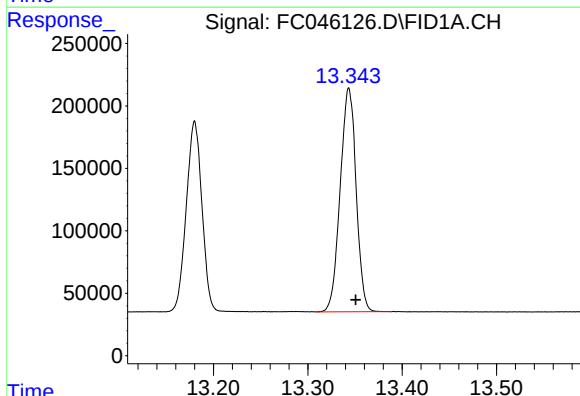
R.T.: 11.761 min  
Delta R.T.: -0.008 min  
Response: 2272863  
Conc: 19.92 ug/ml

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



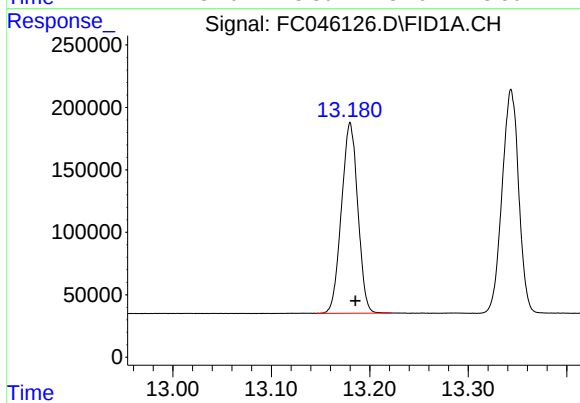
#10 n-Eicosane (C20)

R.T.: 12.734 min  
Delta R.T.: -0.006 min  
Response: 2120387  
Conc: 20.06 ug/ml



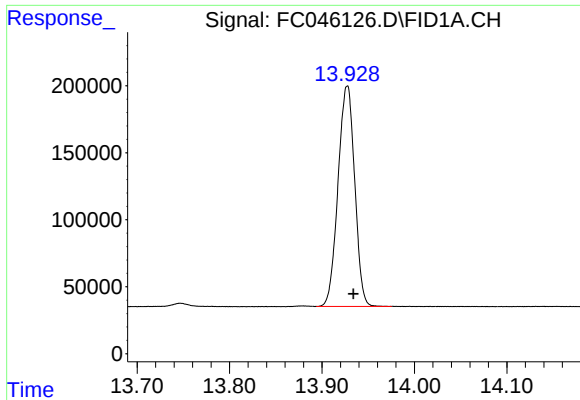
#11 n-Heneicosane (C21)

R.T.: 13.344 min  
Delta R.T.: -0.007 min  
Response: 2103885  
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

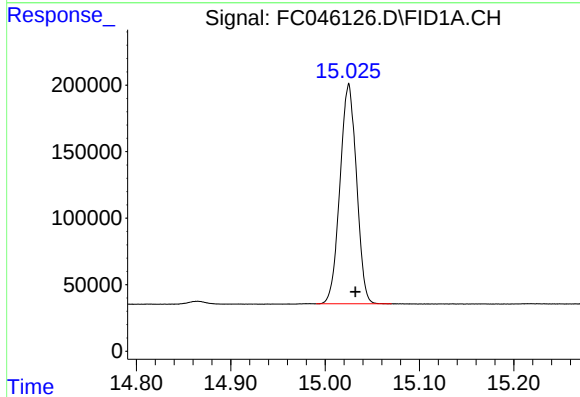
R.T.: 13.180 min  
Delta R.T.: -0.005 min  
Response: 1756578  
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

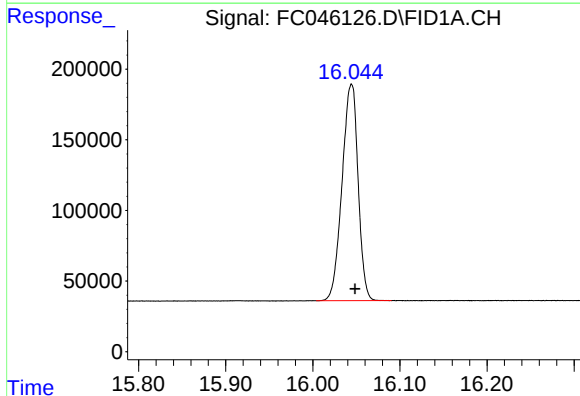
R.T.: 13.927 min  
Delta R.T.: -0.007 min  
Response: 2060937  
Conc: 19.40 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



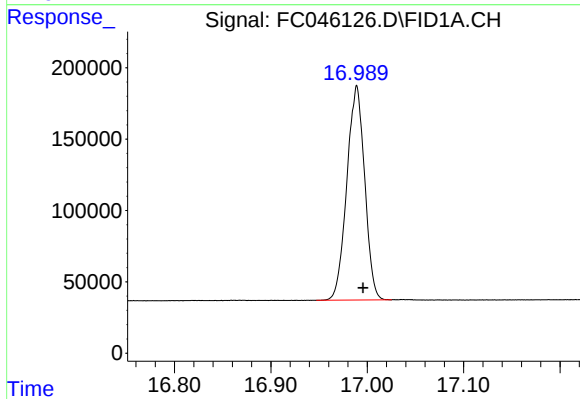
#14 n-Tetracosane (C24)

R.T.: 15.025 min  
Delta R.T.: -0.007 min  
Response: 2014771  
Conc: 18.82 ug/ml



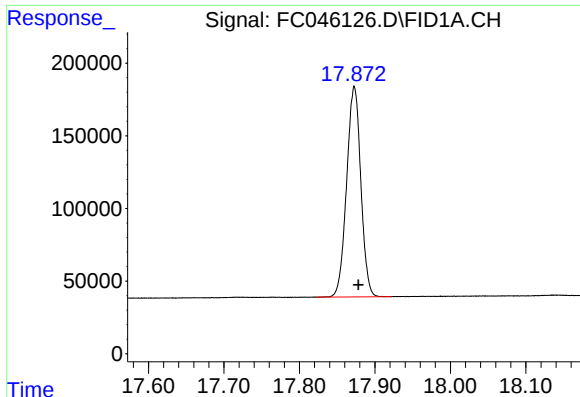
#15 n-Hexacosane (C26)

R.T.: 16.044 min  
Delta R.T.: -0.004 min  
Response: 1961695  
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

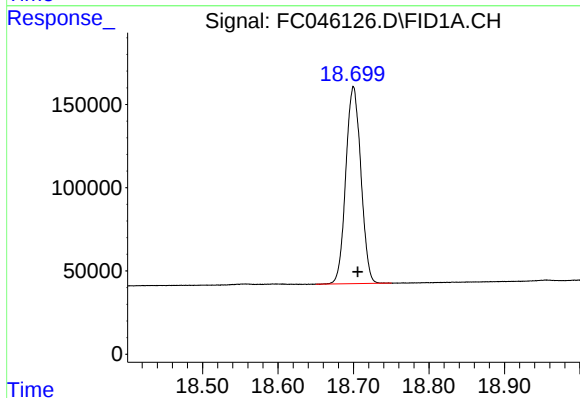
R.T.: 16.989 min  
Delta R.T.: -0.007 min  
Response: 1924477  
Conc: 18.38 ug/ml



#17 n-Tricontane (C30)

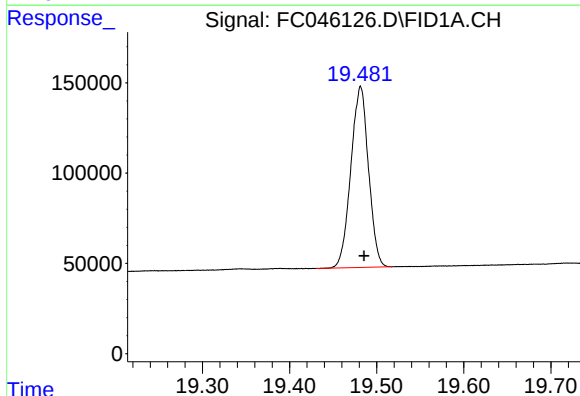
R.T.: 17.873 min  
Delta R.T.: -0.005 min  
Response: 1890451  
Conc: 18.76 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



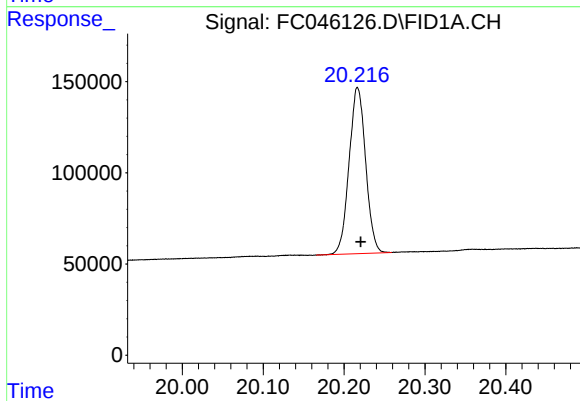
#18 n-Dotriacontane (C32)

R.T.: 18.700 min  
Delta R.T.: -0.006 min  
Response: 1642085  
Conc: 19.19 ug/ml



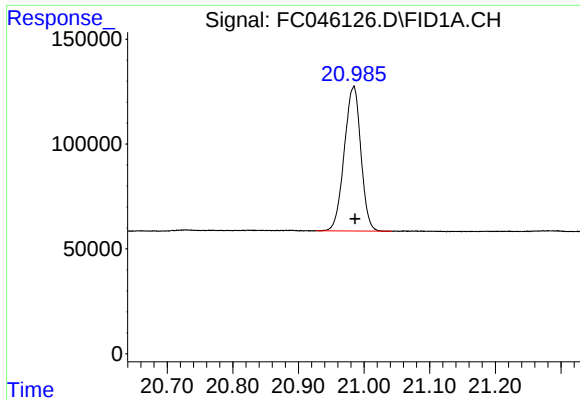
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min  
Delta R.T.: -0.004 min  
Response: 1410752  
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

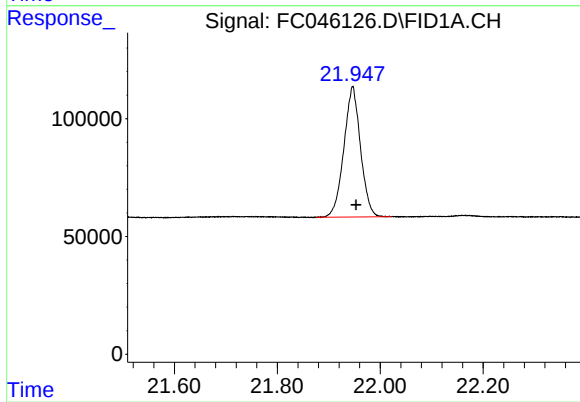
R.T.: 20.217 min  
Delta R.T.: -0.004 min  
Response: 1294442  
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.984 min  
Delta R.T.: -0.002 min  
Response: 1210324  
Conc: 20.02 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.947 min  
Delta R.T.: -0.006 min  
Response: 1241761  
Conc: 19.75 ug/ml