

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC053019AL\  
 Data File : FC041564.D  
 Signal(s) : FID1A.CH  
 Acq On : 30 May 2019 21:32  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: May 31 01:25:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 051519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 15 16:14:00 2019  
 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)    | 11.707 | 2099749    | 20.811 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.62%       |
| 12) S 1-chlorooctadecane (S... | 13.132 | 1637174    | 20.620 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.24%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.483  | 1758638    | 20.491 ug/ml |
| 2) T n-Decane (C10)            | 4.554  | 1793170    | 20.574 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.145  | 2114825    | 20.587 ug/ml |
| 4) T n-Dodecane (C12)          | 6.566  | 1805694    | 20.481 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.196  | 2126648    | 20.563 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.353  | 1828709    | 20.399 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.947  | 1841863    | 20.416 ug/ml |
| 8) T n-Octadecane (C18)        | 11.383 | 1852348    | 20.502 ug/ml |
| 10) T n-Eicosane (C20)         | 12.687 | 1876491    | 20.617 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.298 | 1872148    | 20.661 ug/ml |
| 13) T n-Docosane (C22)         | 13.882 | 1875419    | 20.703 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.982 | 1889649    | 20.783 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.000 | 1895465    | 20.884 ug/ml |
| 16) T n-Octacosane (C28)       | 16.947 | 1905644    | 20.813 ug/ml |
| 17) T n-Tricontane (C30)       | 17.833 | 1863830    | 20.745 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.663 | 1750391    | 20.918 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.445 | 1494105    | 20.900 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.182 | 1344560    | 21.101 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.935 | 1237082    | 20.500 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.880 | 1177107    | 20.006 ug/ml |
| -----                          |        |            |              |

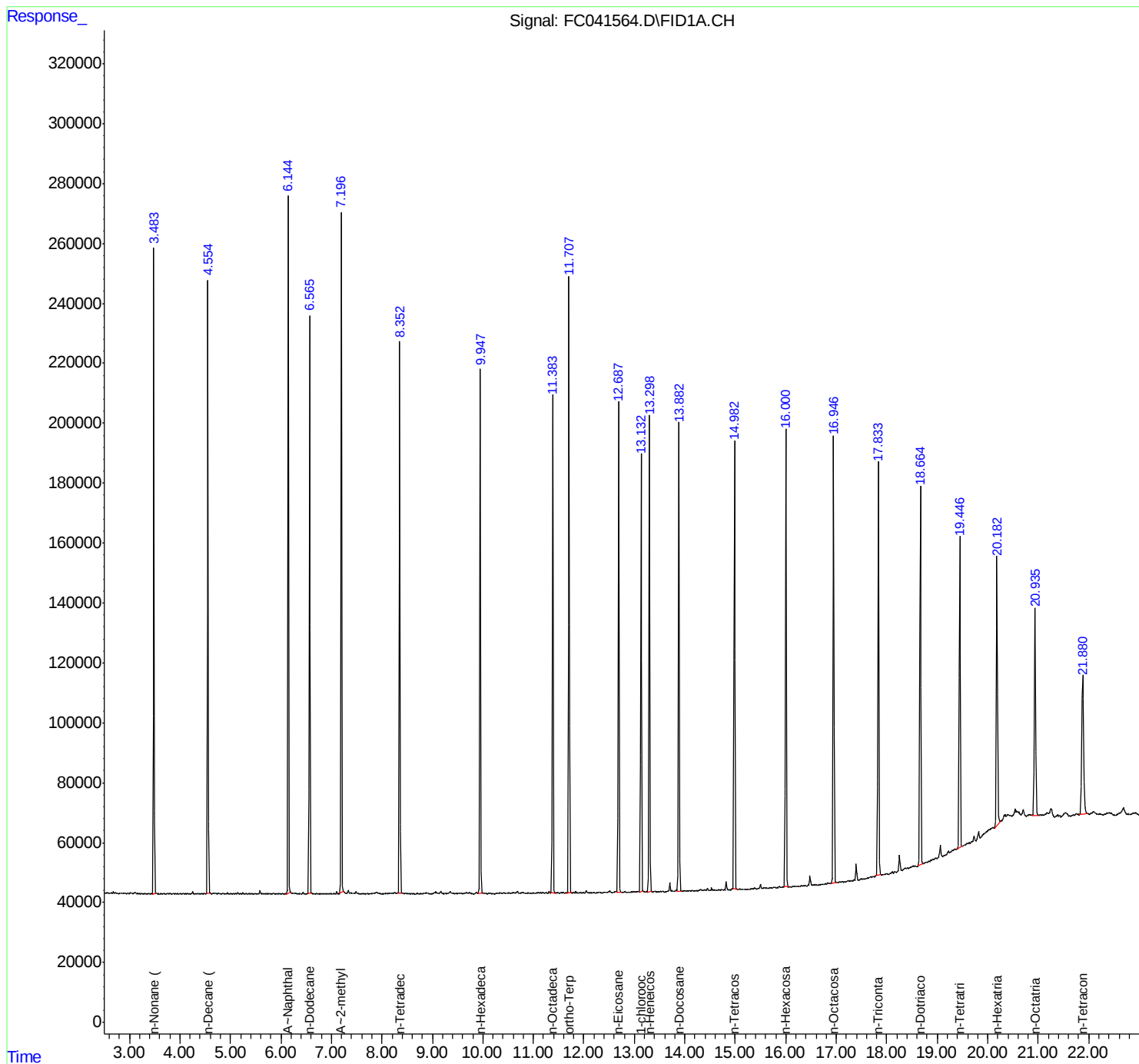
(f)=RT Delta > 1/2 Window

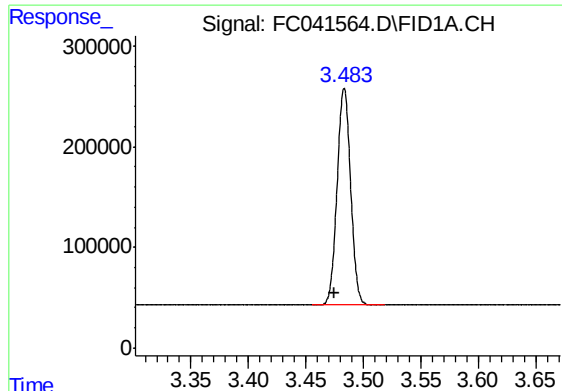
(m)=manual int.

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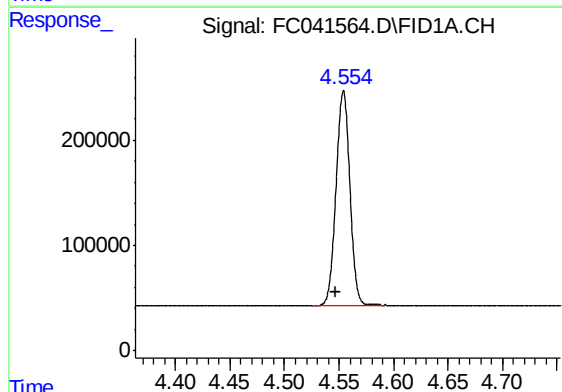
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





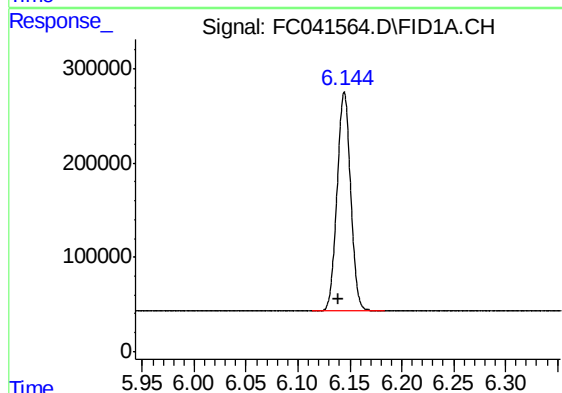
#1 n-Nonane (C9)

R.T.: 3.483 min  
Delta R.T.: 0.008 min  
Response: 1758638  
Conc: 20.49 ug/ml



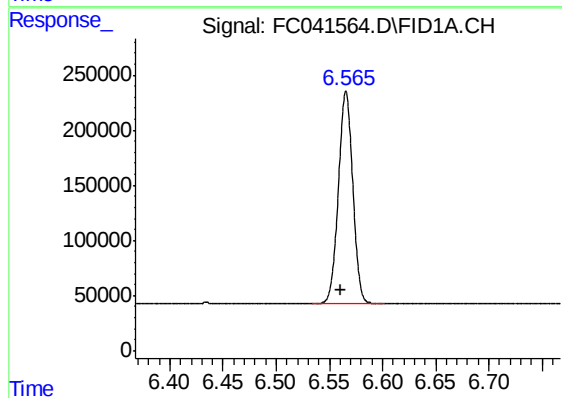
#2 n-Decane (C10)

R.T.: 4.554 min  
Delta R.T.: 0.008 min  
Response: 1793170  
Conc: 20.57 ug/ml



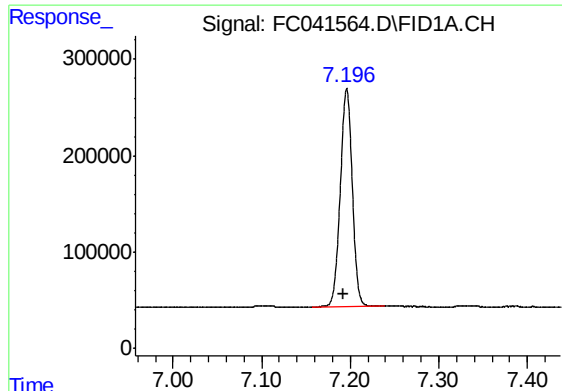
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min  
Delta R.T.: 0.006 min  
Response: 2114825  
Conc: 20.59 ug/ml



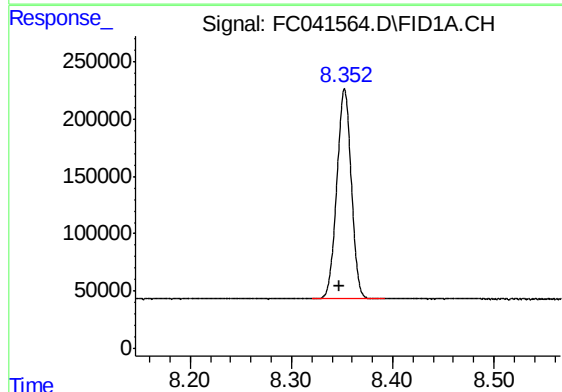
#4 n-Dodecane (C12)

R.T.: 6.566 min  
Delta R.T.: 0.005 min  
Response: 1805694  
Conc: 20.48 ug/ml



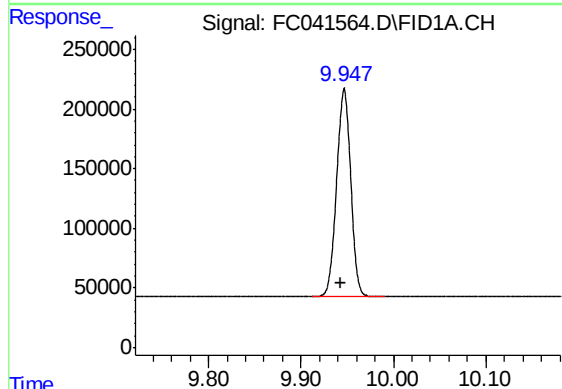
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.196 min  
Delta R.T.: 0.004 min  
Response: 2126648  
Conc: 20.56 ug/ml



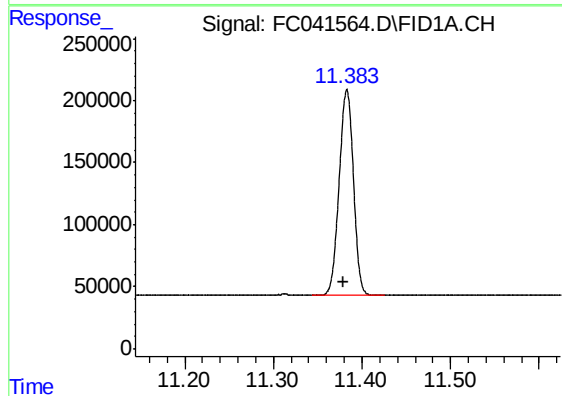
#6 n-Tetradecane (C14)

R.T.: 8.353 min  
Delta R.T.: 0.004 min  
Response: 1828709  
Conc: 20.40 ug/ml



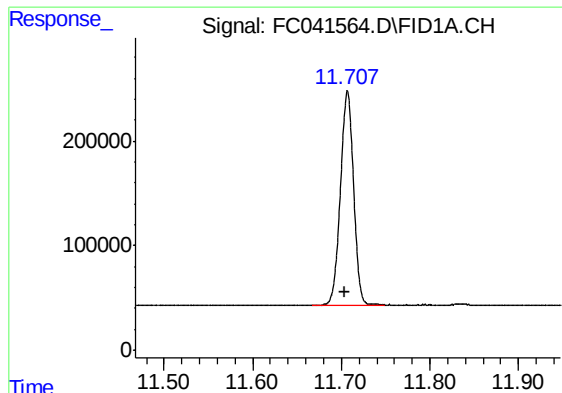
#7 n-Hexadecane (C16)

R.T.: 9.947 min  
Delta R.T.: 0.004 min  
Response: 1841863  
Conc: 20.42 ug/ml



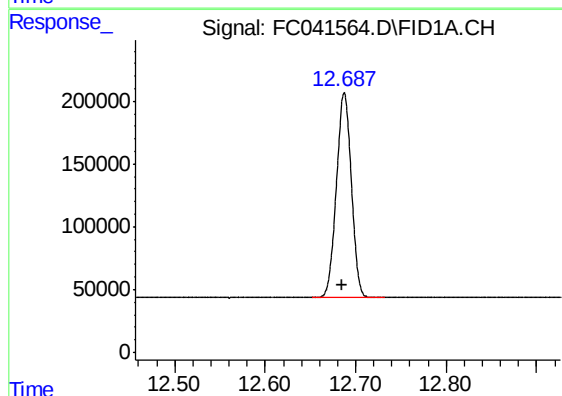
#8 n-Octadecane (C18)

R.T.: 11.383 min  
Delta R.T.: 0.004 min  
Response: 1852348  
Conc: 20.50 ug/ml



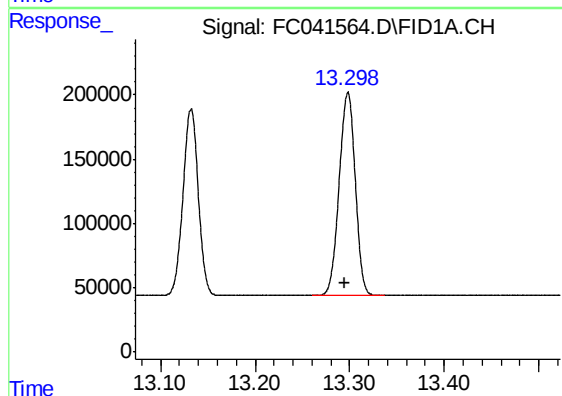
#9 ortho-Terphenyl (SURR)

R.T.: 11.707 min  
Delta R.T.: 0.004 min  
Response: 2099749  
Conc: 20.81 ug/ml



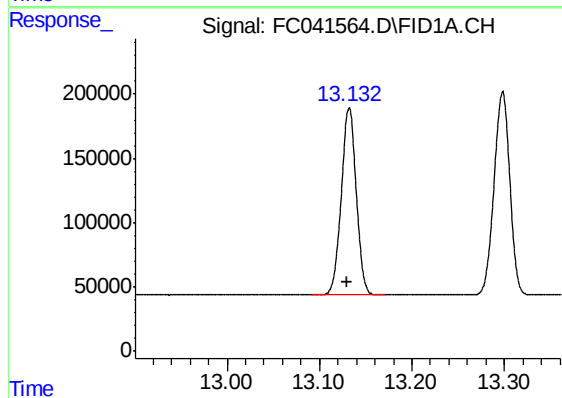
#10 n-Eicosane (C20)

R.T.: 12.687 min  
Delta R.T.: 0.003 min  
Response: 1876491  
Conc: 20.62 ug/ml



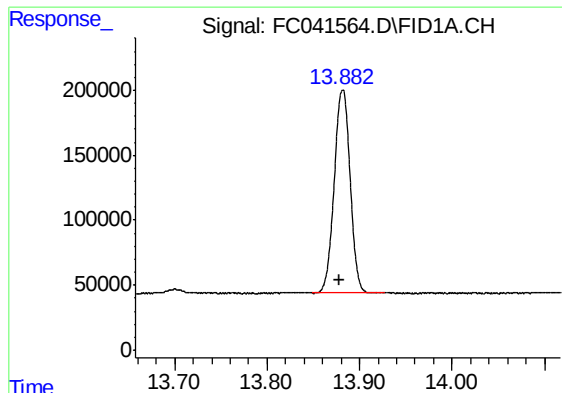
#11 n-Heneicosane (C21)

R.T.: 13.298 min  
Delta R.T.: 0.004 min  
Response: 1872148  
Conc: 20.66 ug/ml



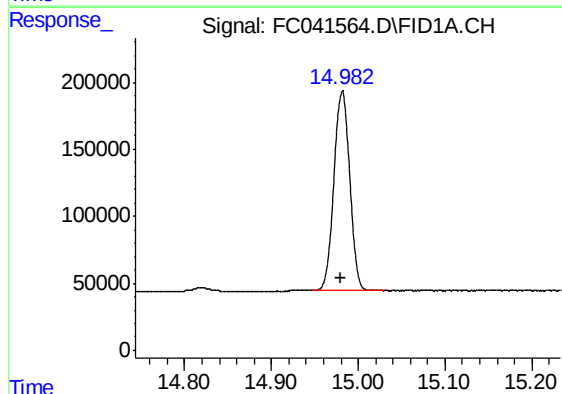
#12 1-chlorooctadecane (SURR)

R.T.: 13.132 min  
Delta R.T.: 0.003 min  
Response: 1637174  
Conc: 20.62 ug/ml



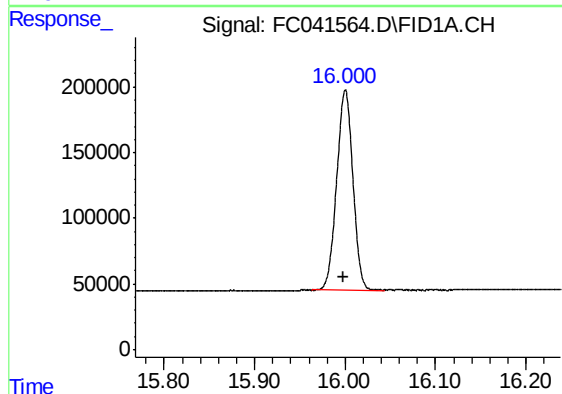
#13 n-Docosane (C22)

R.T.: 13.882 min  
Delta R.T.: 0.003 min  
Response: 1875419  
Conc: 20.70 ug/ml



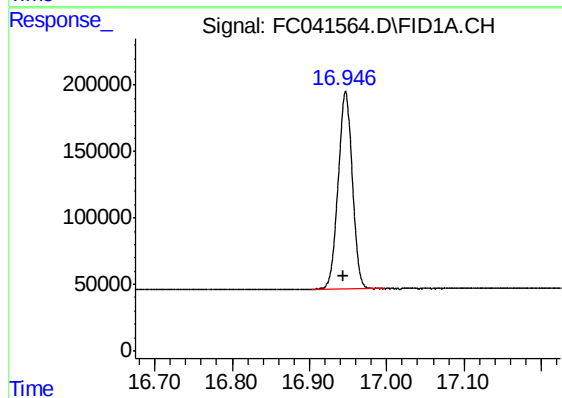
#14 n-Tetracosane (C24)

R.T.: 14.982 min  
Delta R.T.: 0.002 min  
Response: 1889649  
Conc: 20.78 ug/ml



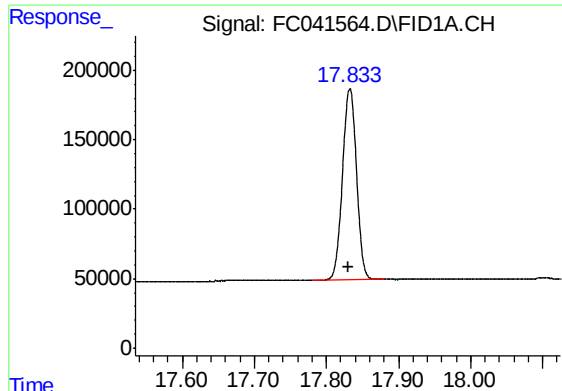
#15 n-Hexacosane (C26)

R.T.: 16.000 min  
Delta R.T.: 0.003 min  
Response: 1895465  
Conc: 20.88 ug/ml



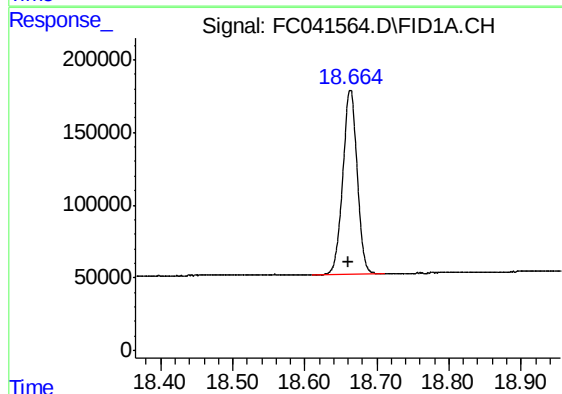
#16 n-Octacosane (C28)

R.T.: 16.947 min  
Delta R.T.: 0.002 min  
Response: 1905644  
Conc: 20.81 ug/ml



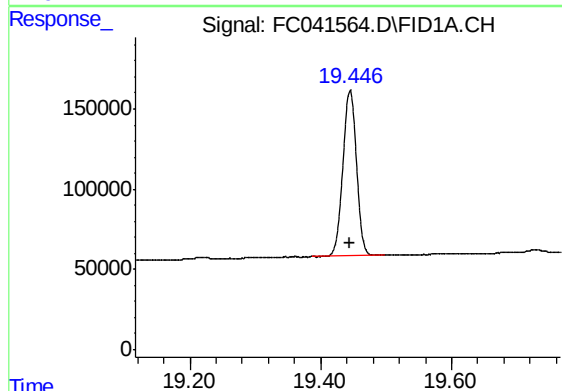
#17 n-Tricontane (C30)

R.T.: 17.833 min  
Delta R.T.: 0.002 min  
Response: 1863830  
Conc: 20.74 ug/ml



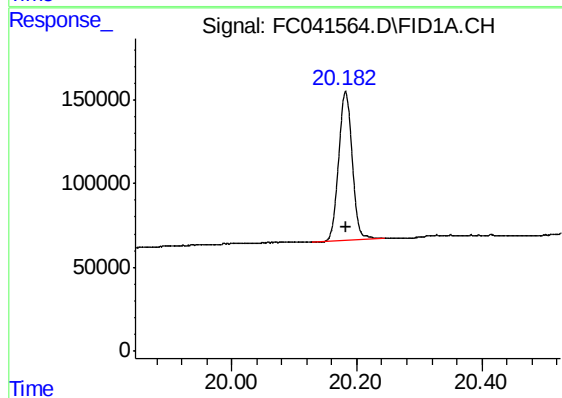
#18 n-Dotriacontane (C32)

R.T.: 18.663 min  
Delta R.T.: 0.002 min  
Response: 1750391  
Conc: 20.92 ug/ml



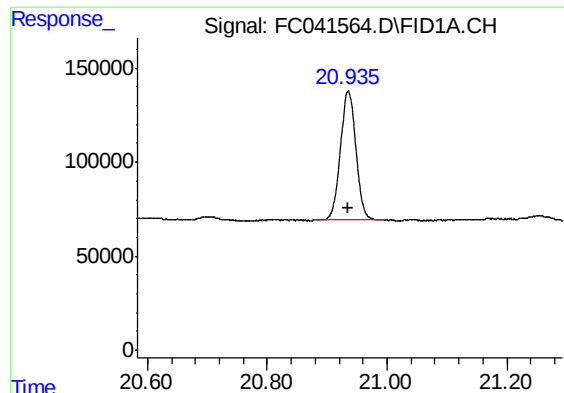
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min  
Delta R.T.: 0.001 min  
Response: 1494105  
Conc: 20.90 ug/ml



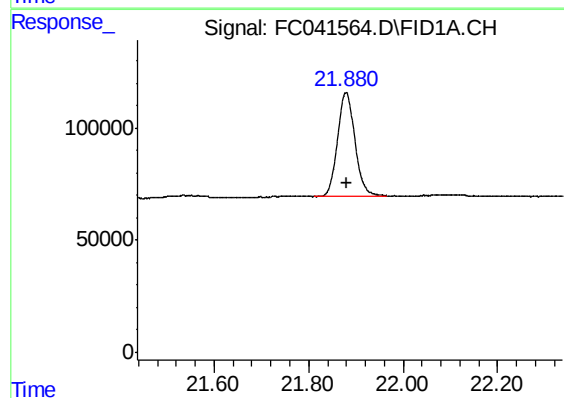
#20 n-Hexatriacontane (C36)

R.T.: 20.182 min  
Delta R.T.: 0.000 min  
Response: 1344560  
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min  
Delta R.T.: 0.001 min  
Response: 1237082  
Conc: 20.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.880 min  
Delta R.T.: 0.000 min  
Response: 1177107  
Conc: 20.01 ug/ml