

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111518AL\  
 Data File : FC037740.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Nov 2018 10:11  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 16 10:35:18 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic 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)    | 11.303 | 2257598    | 20.692 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.38%       |
| 12) S 1-chlorooctadecane (S... | 12.747 | 1638445    | 19.110 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.22%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.133  | 1568582    | 19.124 ug/ml |
| 2) T n-Decane (C10)            | 4.193  | 1621851    | 19.683 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.756  | 1924368    | 20.625 ug/ml |
| 4) T n-Dodecane (C12)          | 6.200  | 1712670    | 20.156 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.805  | 1955712    | 20.587 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.982  | 1798515    | 20.112 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.573  | 1863542    | 20.088 ug/ml |
| 8) T n-Octadecane (C18)        | 11.006 | 1896303    | 19.303 ug/ml |
| 10) T n-Eicosane (C20)         | 12.308 | 1919348    | 19.209 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.916 | 1912228    | 19.347 ug/ml |
| 13) T n-Docosane (C22)         | 13.500 | 1920105    | 19.143 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.598 | 1930557    | 19.001 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.614 | 1915556    | 18.937 ug/ml |
| 16) T n-Octacosane (C28)       | 16.560 | 1928126    | 19.272 ug/ml |
| 17) T n-Tricontane (C30)       | 17.444 | 1933016    | 19.683 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.274 | 1805429    | 19.649 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.053 | 1530548    | 19.136 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.790 | 1339039    | 18.618 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.491 | 1287024    | 18.290 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.302 | 1309720    | 18.292 ug/ml |
| -----                          |        |            |              |

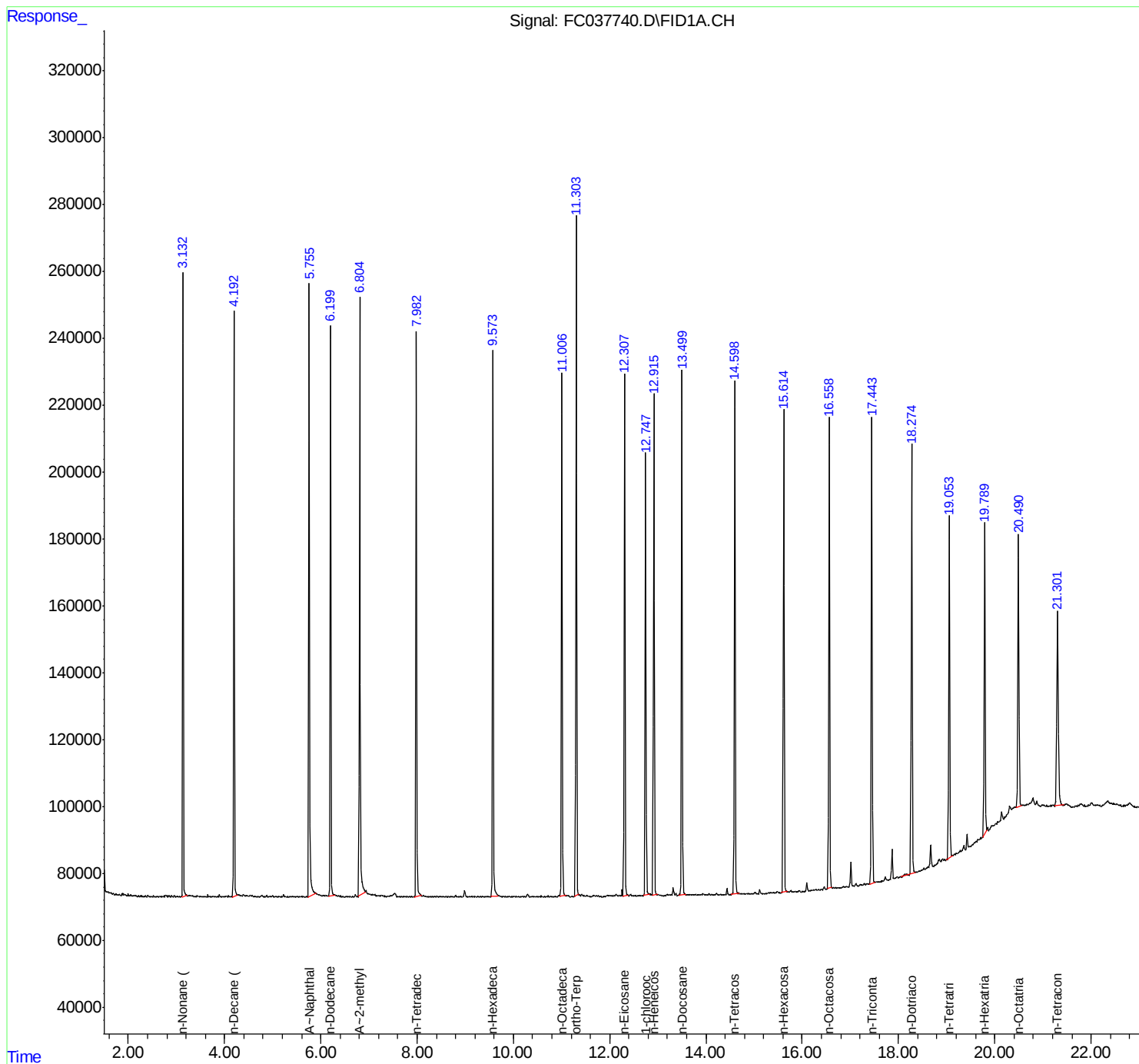
(f)=RT Delta > 1/2 Window

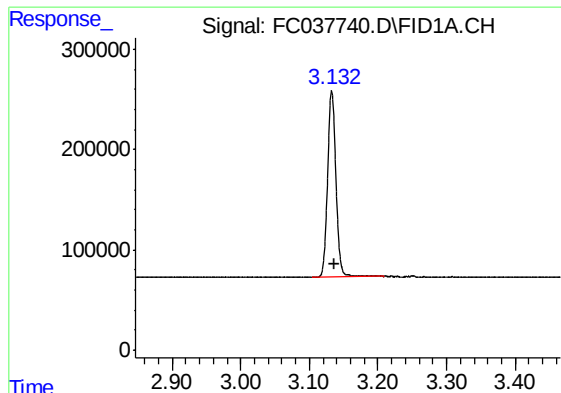
(m)=manual int.

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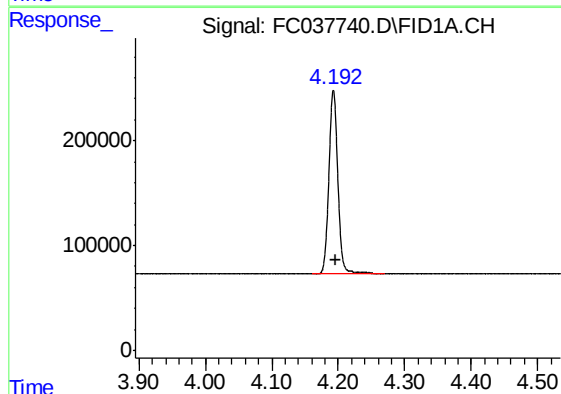
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





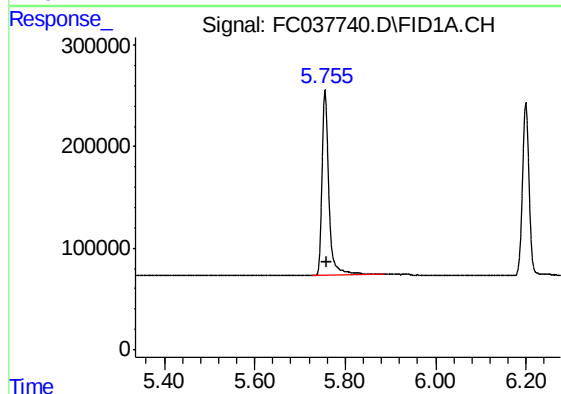
#1 n-Nonane (C9)

R.T.: 3.133 min  
Delta R.T.: -0.004 min  
Response: 1568582  
Conc: 19.12 ug/ml



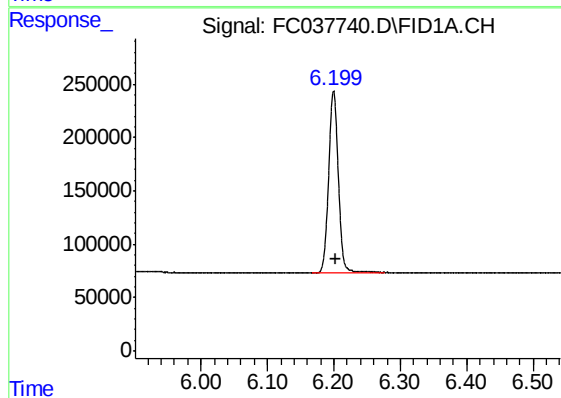
#2 n-Decane (C10)

R.T.: 4.193 min  
Delta R.T.: -0.004 min  
Response: 1621851  
Conc: 19.68 ug/ml



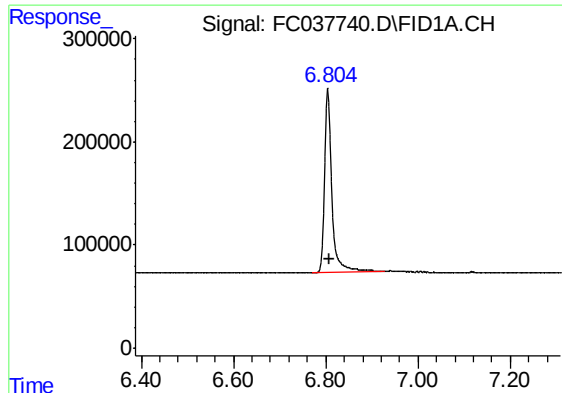
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min  
Delta R.T.: -0.005 min  
Response: 1924368  
Conc: 20.62 ug/ml



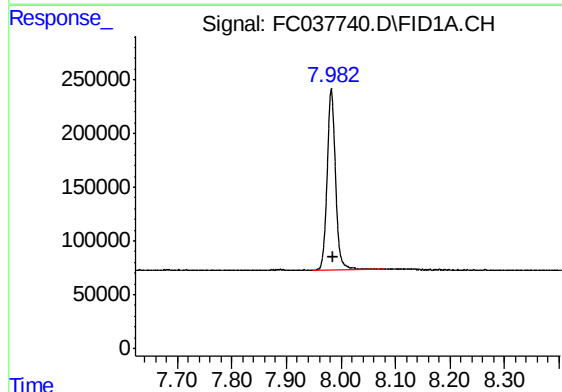
#4 n-Dodecane (C12)

R.T.: 6.200 min  
Delta R.T.: -0.004 min  
Response: 1712670  
Conc: 20.16 ug/ml



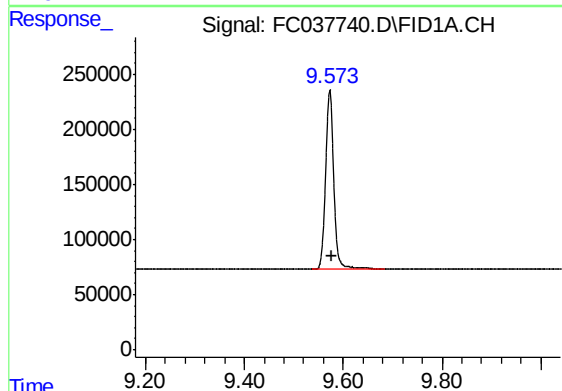
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min  
Delta R.T.: -0.004 min  
Response: 1955712  
Conc: 20.59 ug/ml



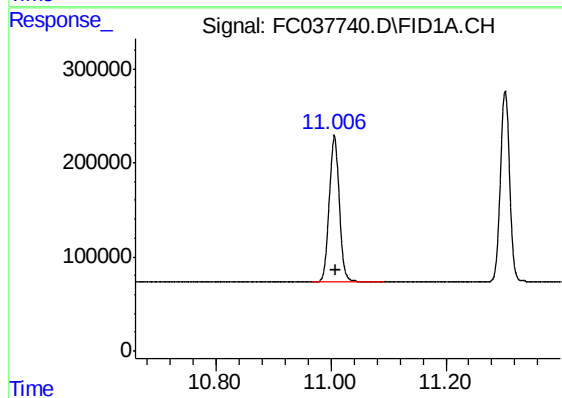
#6 n-Tetradecane (C14)

R.T.: 7.982 min  
Delta R.T.: -0.004 min  
Response: 1798515  
Conc: 20.11 ug/ml



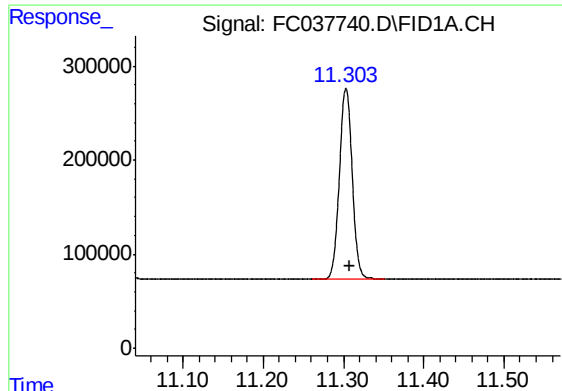
#7 n-Hexadecane (C16)

R.T.: 9.573 min  
Delta R.T.: -0.004 min  
Response: 1863542  
Conc: 20.09 ug/ml



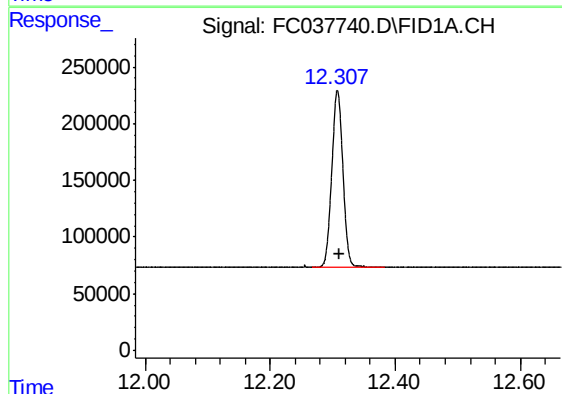
#8 n-Octadecane (C18)

R.T.: 11.006 min  
Delta R.T.: -0.003 min  
Response: 1896303  
Conc: 19.30 ug/ml



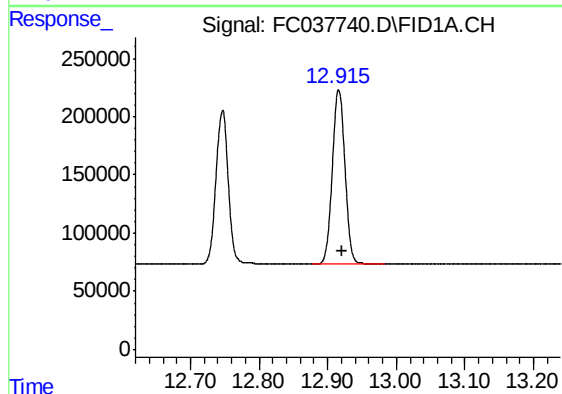
#9 ortho-Terphenyl (SURR)

R.T.: 11.303 min  
Delta R.T.: -0.005 min  
Response: 2257598  
Conc: 20.69 ug/ml



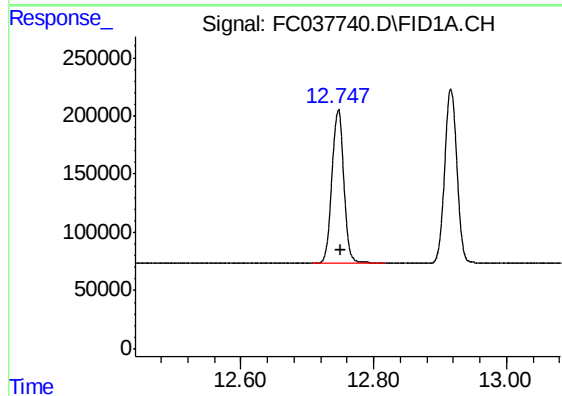
#10 n-Eicosane (C20)

R.T.: 12.308 min  
Delta R.T.: -0.004 min  
Response: 1919348  
Conc: 19.21 ug/ml



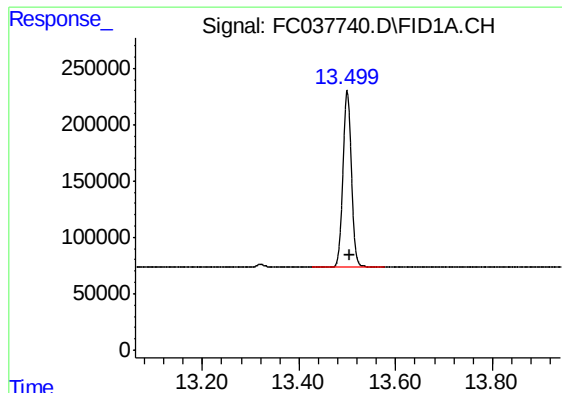
#11 n-Heneicosane (C21)

R.T.: 12.916 min  
Delta R.T.: -0.004 min  
Response: 1912228  
Conc: 19.35 ug/ml



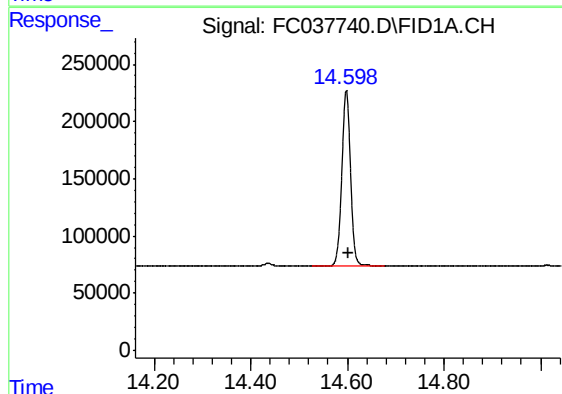
#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min  
Delta R.T.: -0.004 min  
Response: 1638445  
Conc: 19.11 ug/ml



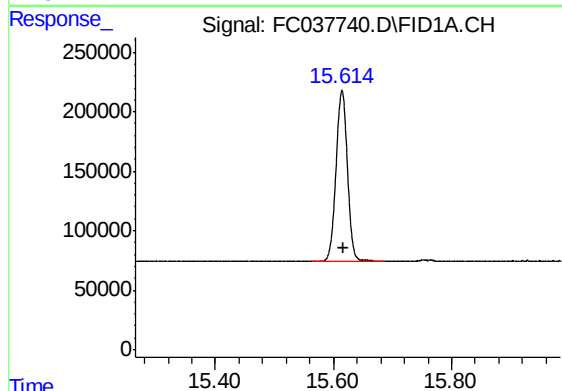
#13 n-Docosane (C22)

R.T.: 13.500 min  
Delta R.T.: -0.004 min  
Response: 1920105  
Conc: 19.14 ug/ml



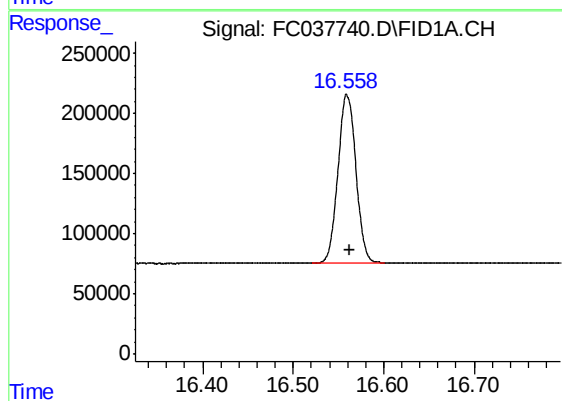
#14 n-Tetracosane (C24)

R.T.: 14.598 min  
Delta R.T.: -0.004 min  
Response: 1930557  
Conc: 19.00 ug/ml



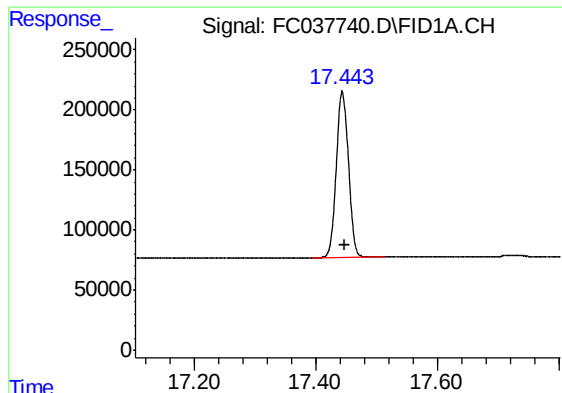
#15 n-Hexacosane (C26)

R.T.: 15.614 min  
Delta R.T.: -0.003 min  
Response: 1915556  
Conc: 18.94 ug/ml



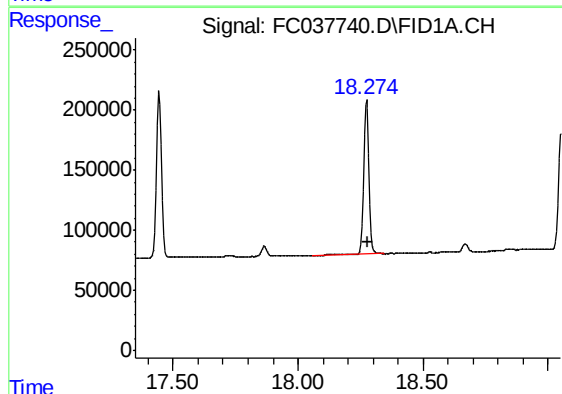
#16 n-Octacosane (C28)

R.T.: 16.560 min  
Delta R.T.: -0.003 min  
Response: 1928126  
Conc: 19.27 ug/ml



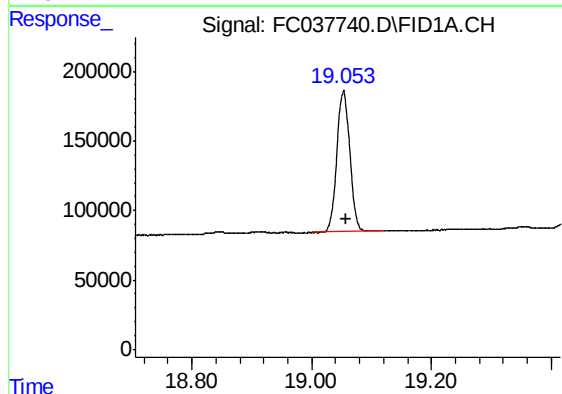
#17 n-Tricontane (C30)

R.T.: 17.444 min  
Delta R.T.: -0.003 min  
Response: 1933016  
Conc: 19.68 ug/ml



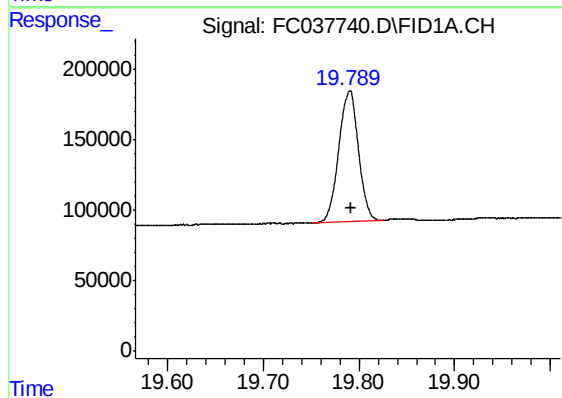
#18 n-Dotriacontane (C32)

R.T.: 18.274 min  
Delta R.T.: -0.003 min  
Response: 1805429  
Conc: 19.65 ug/ml



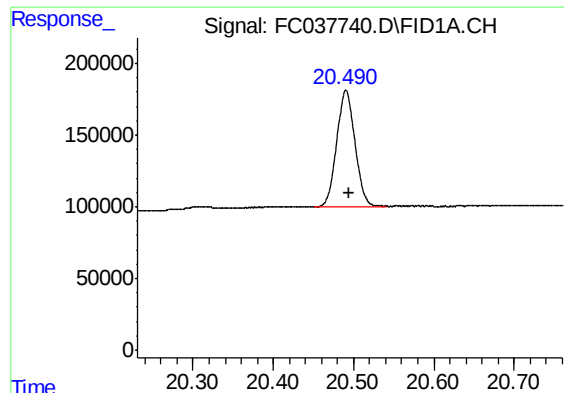
#19 n-Tetratriacontane (C34)

R.T.: 19.053 min  
Delta R.T.: -0.004 min  
Response: 1530548  
Conc: 19.14 ug/ml



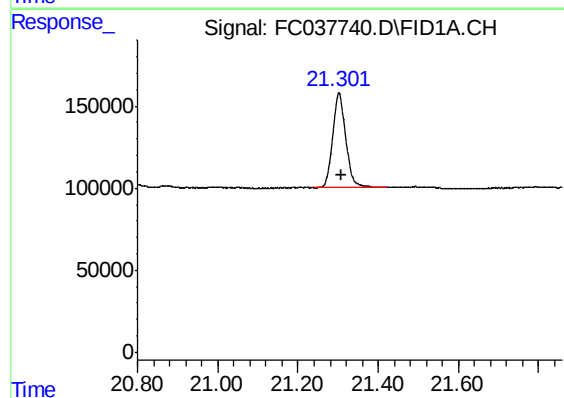
#20 n-Hexatriacontane (C36)

R.T.: 19.790 min  
Delta R.T.: -0.002 min  
Response: 1339039  
Conc: 18.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.491 min  
Delta R.T.: -0.005 min  
Response: 1287024  
Conc: 18.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.302 min  
Delta R.T.: -0.006 min  
Response: 1309720  
Conc: 18.29 ug/ml