

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC073019AL\  
 Data File : FC042646.D  
 Signal(s) : FID1A.CH  
 Acq On : 31 Jul 2019 2:44  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 31 06:59:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070919.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 10 08:56:11 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)    | 11.686 | 2540995    | 19.198 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.40%       |
| 12) S 1-chlorooctadecane (S... | 13.108 | 2077742    | 18.953 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.91%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.492  | 2468622    | 21.203 ug/ml |
| 2) T n-Decane (C10)            | 4.554  | 2525533    | 21.406 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.140  | 2730489    | 21.034 ug/ml |
| 4) T n-Dodecane (C12)          | 6.557  | 2543177    | 21.433 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.189  | 2734306    | 21.043 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.339  | 2534639    | 21.303 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.929  | 2516857    | 20.961 ug/ml |
| 8) T n-Octadecane (C18)        | 11.362 | 2483797    | 20.353 ug/ml |
| 10) T n-Eicosane (C20)         | 12.664 | 2444524    | 19.601 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.273 | 2401422    | 19.184 ug/ml |
| 13) T n-Docosane (C22)         | 13.856 | 2358999    | 18.808 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.954 | 2286447    | 18.050 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.971 | 2218628    | 17.546 ug/ml |
| 16) T n-Octacosane (C28)       | 16.916 | 2173832    | 17.227 ug/ml |
| 17) T n-Tricontane (C30)       | 17.800 | 2101789    | 17.145 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.630 | 1948674    | 17.441 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.410 | 1659495    | 17.919 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.148 | 1493273    | 18.737 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.891 | 1424010    | 19.862 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.821 | 1427820    | 20.576 ug/ml |
| -----                          |        |            |              |

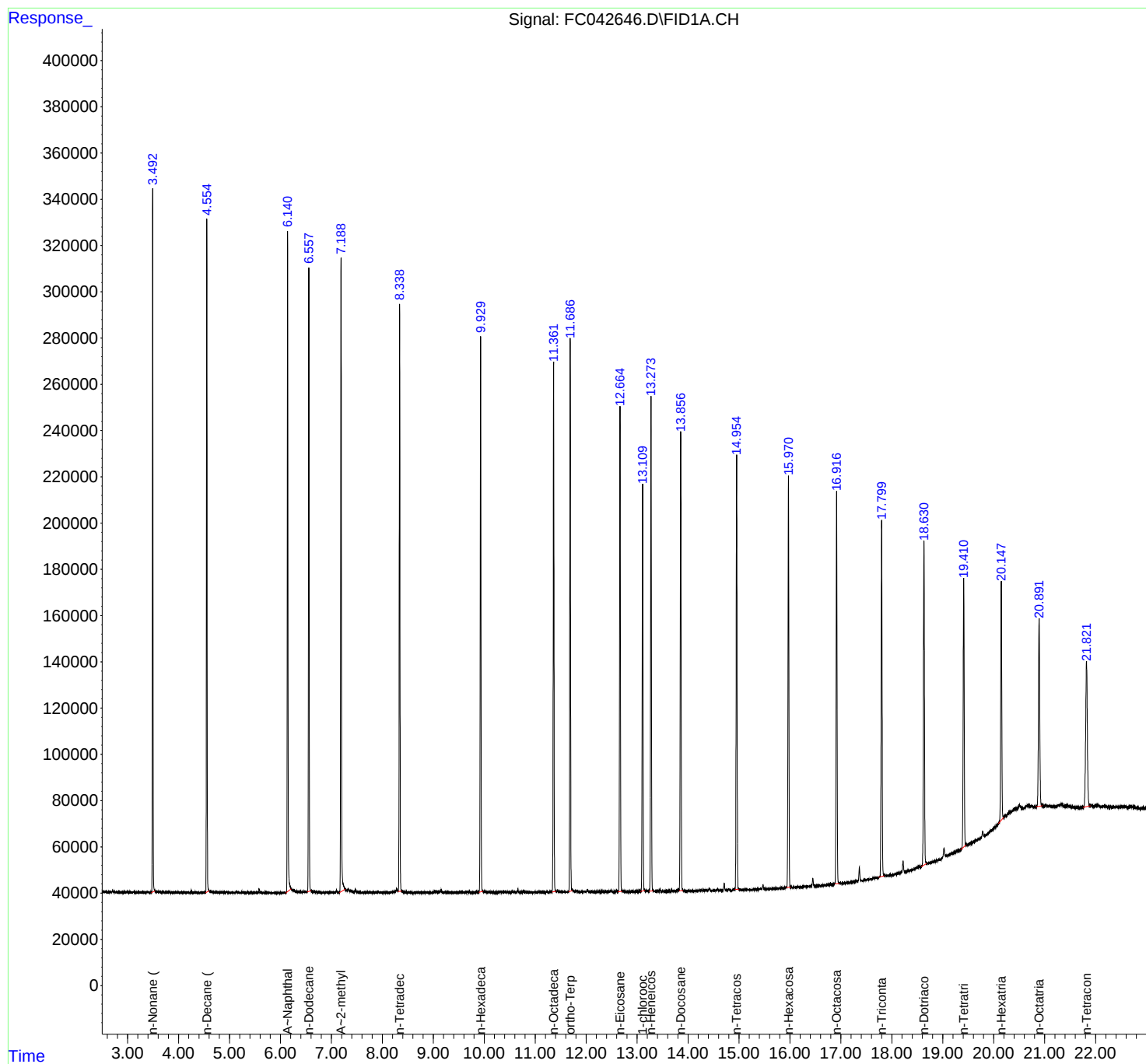
(f)=RT Delta > 1/2 Window

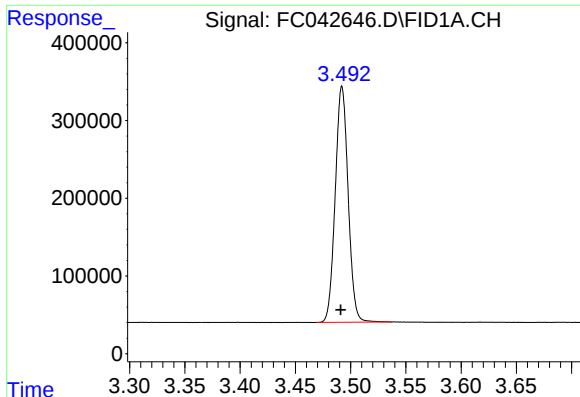
(m)=manual int.

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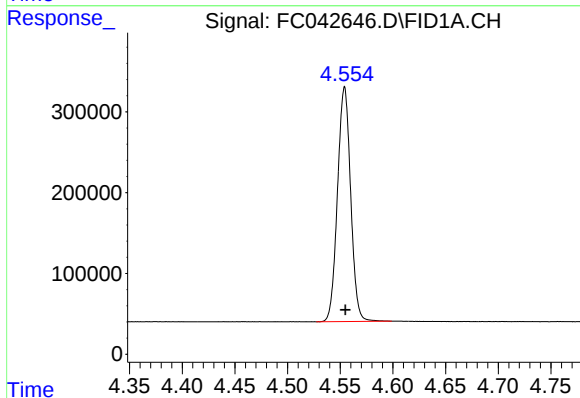
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





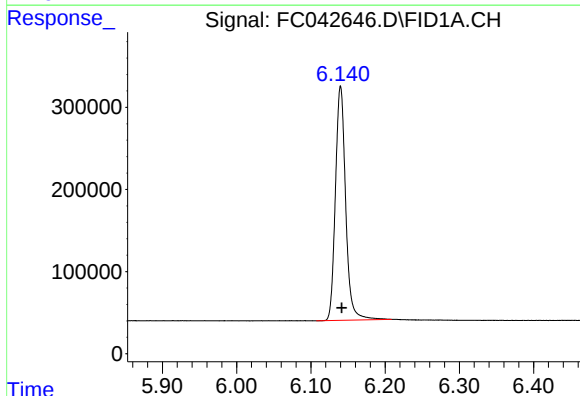
#1 n-Nonane (C9)

R.T.: 3.492 min  
Delta R.T.: 0.001 min  
Response: 2468622  
Conc: 21.20 ug/ml



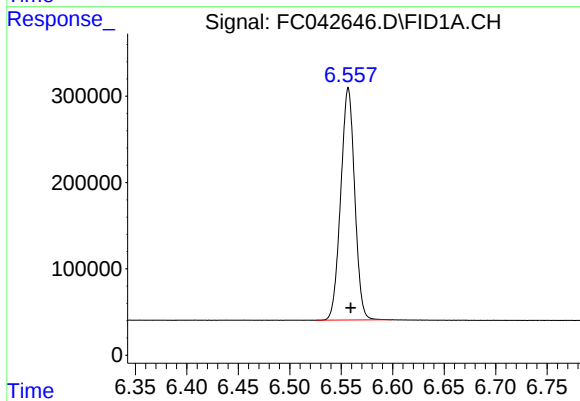
#2 n-Decane (C10)

R.T.: 4.554 min  
Delta R.T.: 0.000 min  
Response: 2525533  
Conc: 21.41 ug/ml



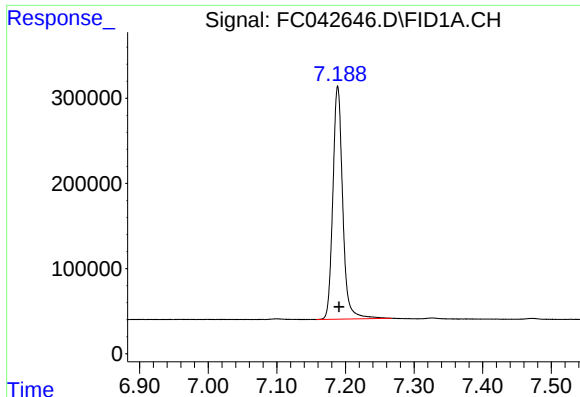
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min  
Delta R.T.: -0.002 min  
Response: 2730489  
Conc: 21.03 ug/ml



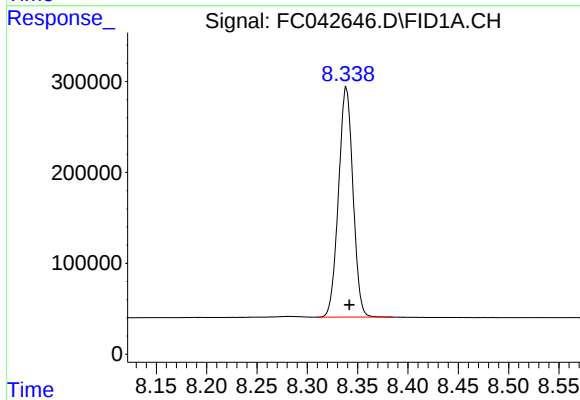
#4 n-Dodecane (C12)

R.T.: 6.557 min  
Delta R.T.: -0.002 min  
Response: 2543177  
Conc: 21.43 ug/ml



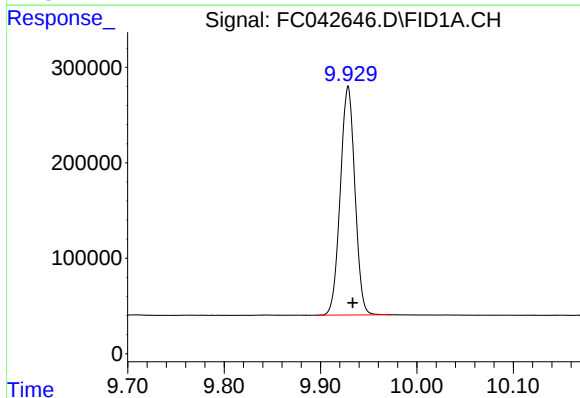
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.189 min  
Delta R.T.: -0.002 min  
Response: 2734306  
Conc: 21.04 ug/ml



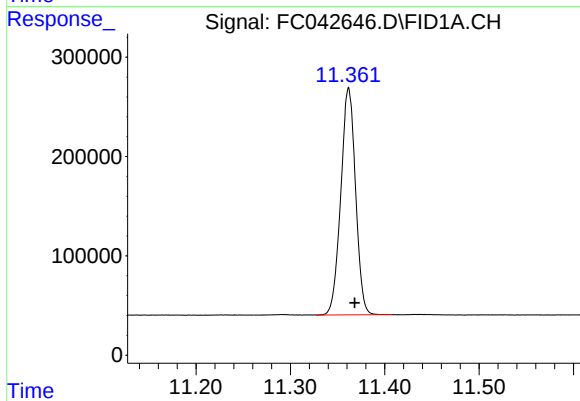
#6 n-Tetradecane (C14)

R.T.: 8.339 min  
Delta R.T.: -0.003 min  
Response: 2534639  
Conc: 21.30 ug/ml



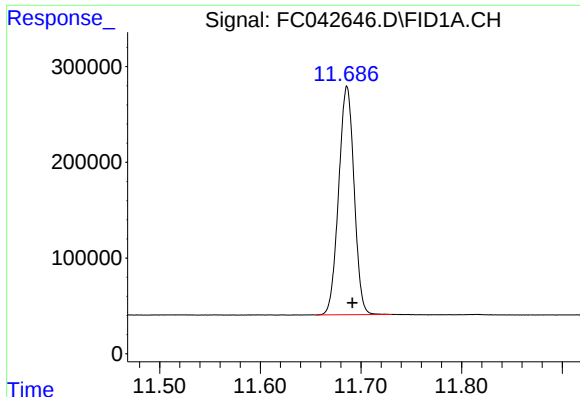
#7 n-Hexadecane (C16)

R.T.: 9.929 min  
Delta R.T.: -0.004 min  
Response: 2516857  
Conc: 20.96 ug/ml



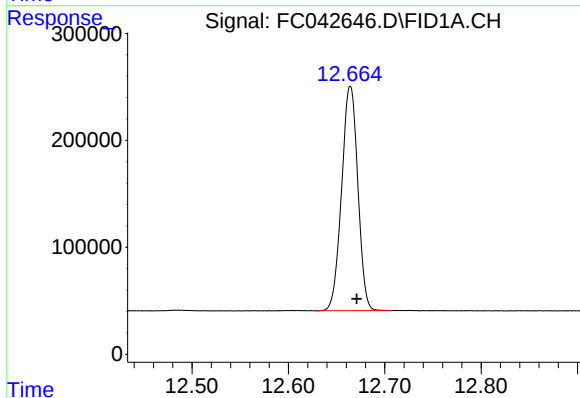
#8 n-Octadecane (C18)

R.T.: 11.362 min  
Delta R.T.: -0.007 min  
Response: 2483797  
Conc: 20.35 ug/ml



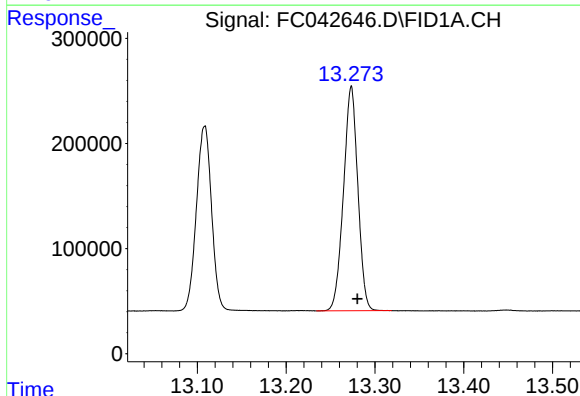
#9 ortho-Terphenyl (SURR)

R.T.: 11.686 min  
Delta R.T.: -0.005 min  
Response: 2540995  
Conc: 19.20 ug/ml



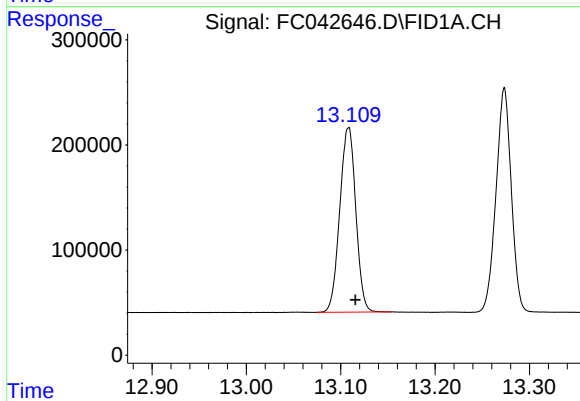
#10 n-Eicosane (C20)

R.T.: 12.664 min  
Delta R.T.: -0.006 min  
Response: 2444524  
Conc: 19.60 ug/ml



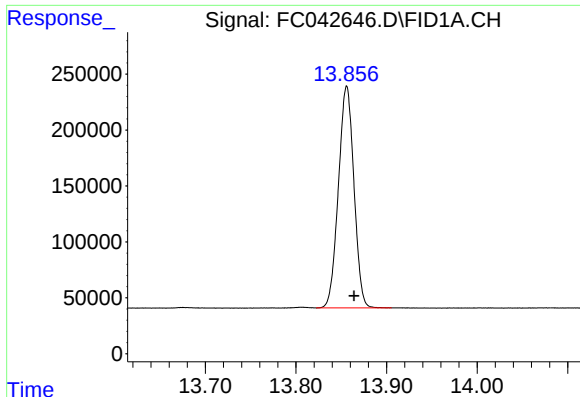
#11 n-Heneicosane (C21)

R.T.: 13.273 min  
Delta R.T.: -0.007 min  
Response: 2401422  
Conc: 19.18 ug/ml



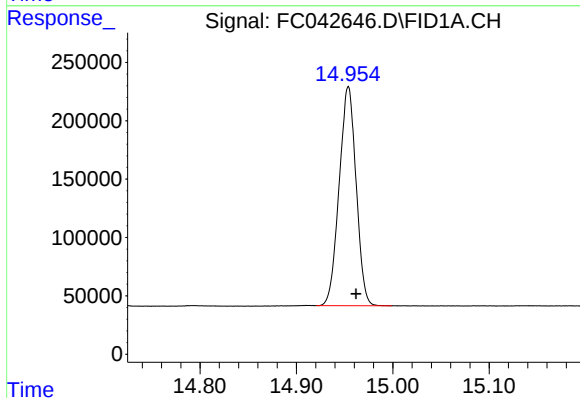
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min  
Delta R.T.: -0.007 min  
Response: 2077742  
Conc: 18.95 ug/ml



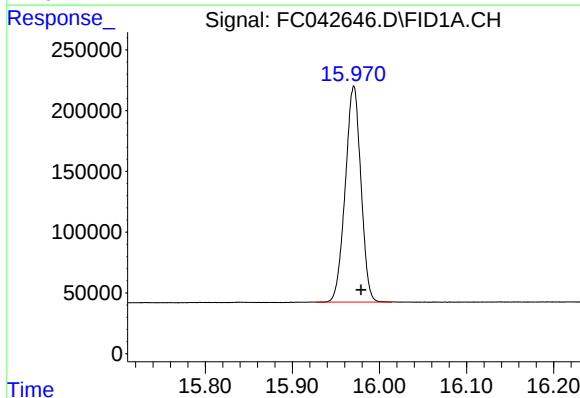
#13 n-Docosane (C22)

R.T.: 13.856 min  
Delta R.T.: -0.008 min  
Response: 2358999  
Conc: 18.81 ug/ml



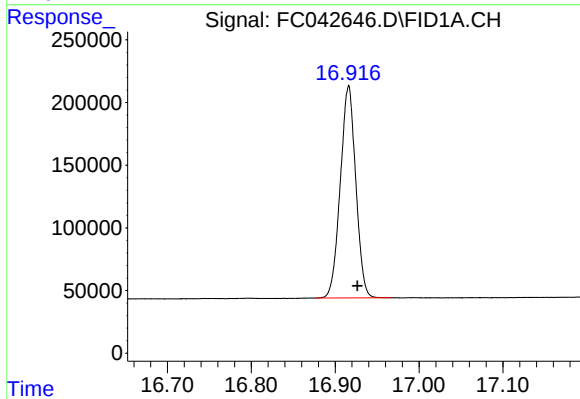
#14 n-Tetracosane (C24)

R.T.: 14.954 min  
Delta R.T.: -0.008 min  
Response: 2286447  
Conc: 18.05 ug/ml



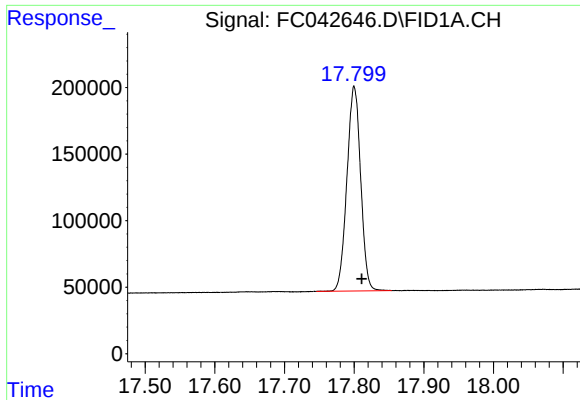
#15 n-Hexacosane (C26)

R.T.: 15.971 min  
Delta R.T.: -0.008 min  
Response: 2218628  
Conc: 17.55 ug/ml



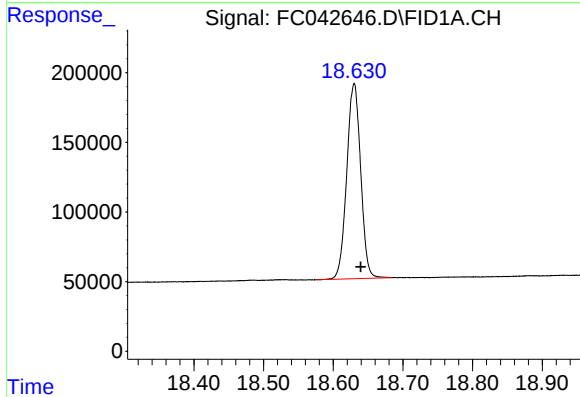
#16 n-Octacosane (C28)

R.T.: 16.916 min  
Delta R.T.: -0.011 min  
Response: 2173832  
Conc: 17.23 ug/ml



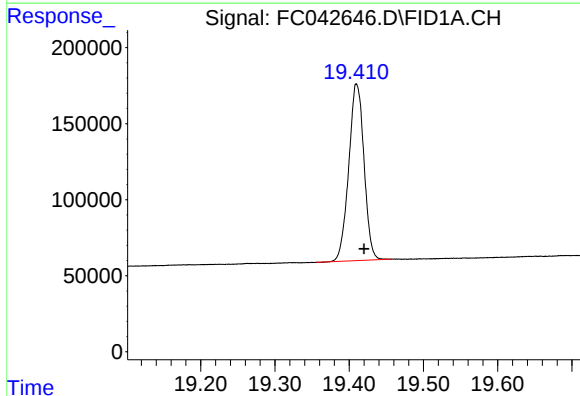
#17 n-Tricontane (C30)

R.T.: 17.800 min  
Delta R.T.: -0.011 min  
Response: 2101789  
Conc: 17.14 ug/ml



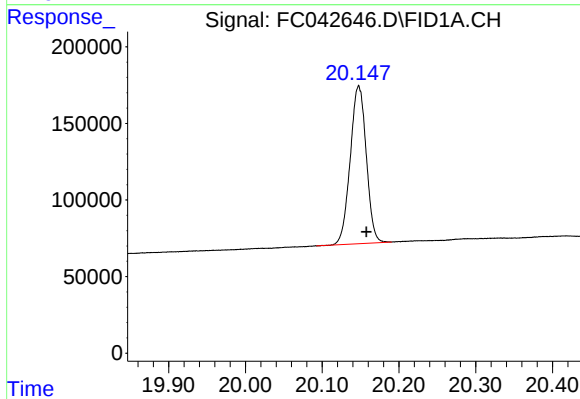
#18 n-Dotriacontane (C32)

R.T.: 18.630 min  
Delta R.T.: -0.009 min  
Response: 1948674  
Conc: 17.44 ug/ml



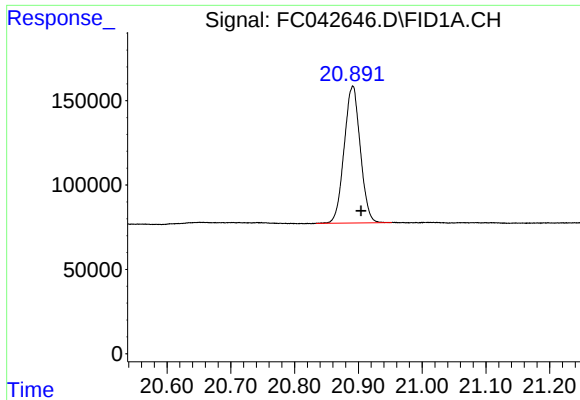
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min  
Delta R.T.: -0.010 min  
Response: 1659495  
Conc: 17.92 ug/ml



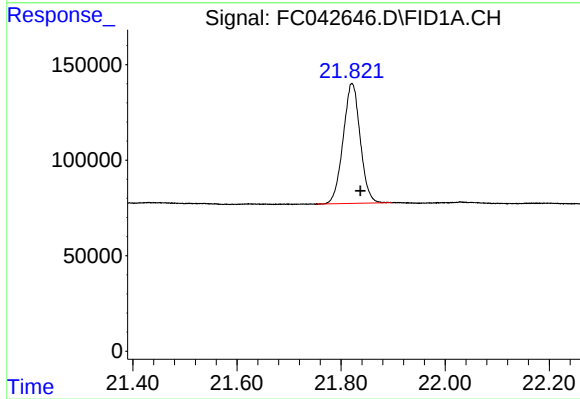
#20 n-Hexatriacontane (C36)

R.T.: 20.148 min  
Delta R.T.: -0.010 min  
Response: 1493273  
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min  
Delta R.T.: -0.013 min  
Response: 1424010  
Conc: 19.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.821 min  
Delta R.T.: -0.016 min  
Response: 1427820  
Conc: 20.58 ug/ml