

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022522AL\  
 Data File : FC058465.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Feb 2022 12:01  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 25 22:03:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 23 17:15:11 2022  
 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)    | 11.387 | 2898351    | 19.899 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.80%       |
| 12) S 1-chlorooctadecane (S... | 12.820 | 2324438    | 20.507 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.01%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.243  | 2412591    | 20.063 ug/ml |
| 2) T n-Decane (C10)            | 4.292  | 2432387    | 20.440 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.852  | 2605946    | 20.079 ug/ml |
| 4) T n-Dodecane (C12)          | 6.288  | 2458603    | 19.986 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.897  | 2611805    | 20.034 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.065  | 2488427    | 19.859 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.652  | 2513079    | 19.515 ug/ml |
| 8) T n-Octadecane (C18)        | 11.082 | 2553662    | 19.406 ug/ml |
| 10) T n-Eicosane (C20)         | 12.382 | 2599675    | 19.770 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.989 | 2584033    | 19.552 ug/ml |
| 13) T n-Docosane (C22)         | 13.571 | 2575448    | 19.755 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.667 | 2557665    | 19.806 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.682 | 2466893    | 19.942 ug/ml |
| 16) T n-Octacosane (C28)       | 16.627 | 2411723    | 20.261 ug/ml |
| 17) T n-Tricontane (C30)       | 17.510 | 2360875    | 20.974 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.339 | 2284065    | 21.241 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.120 | 2095124    | 21.624 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.856 | 1998716    | 22.155 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.560 | 1898007    | 21.810 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.383 | 1820641    | 21.696 ug/ml |
| -----                          |        |            |              |

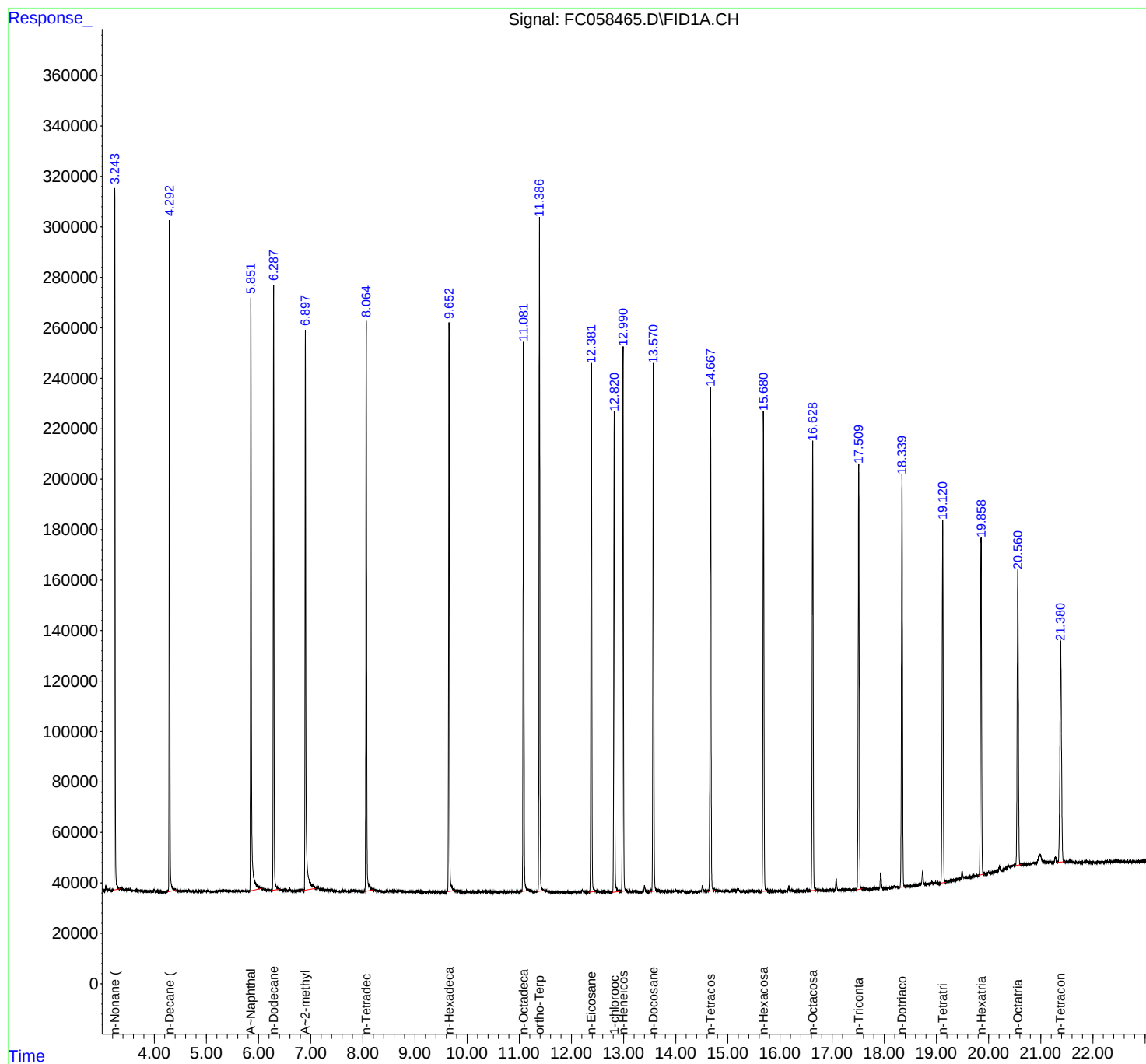
(f)=RT Delta > 1/2 Window

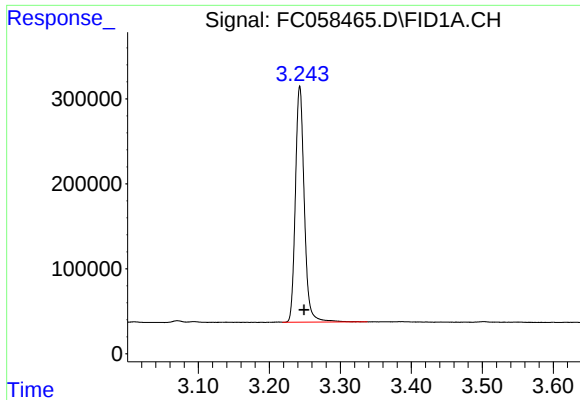
(m)=manual int.

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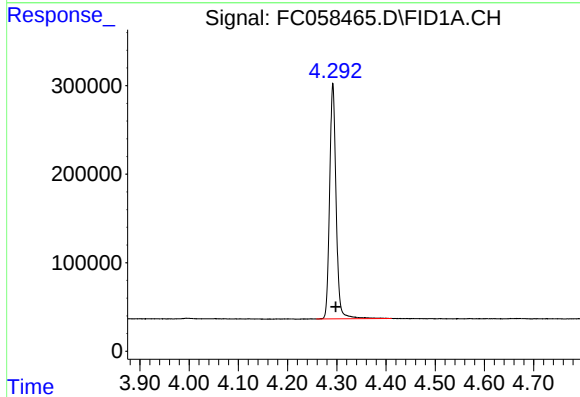
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





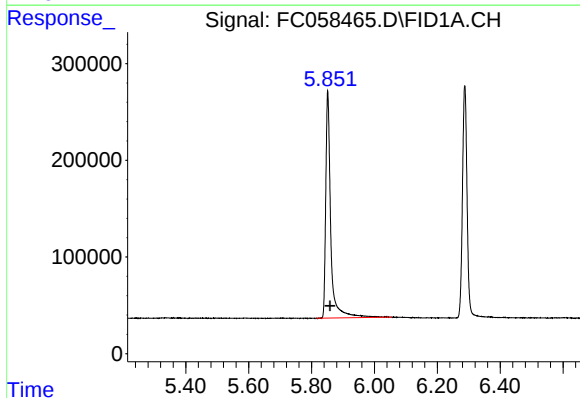
#1 n-Nonane (C9)

R.T.: 3.243 min  
Delta R.T.: -0.006 min  
Response: 2412591  
Conc: 20.06 ug/ml



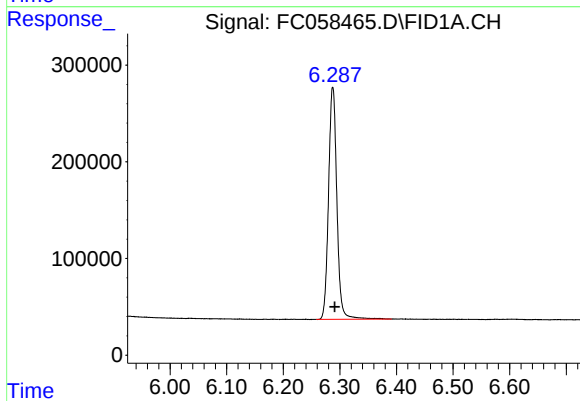
#2 n-Decane (C10)

R.T.: 4.292 min  
Delta R.T.: -0.006 min  
Response: 2432387  
Conc: 20.44 ug/ml



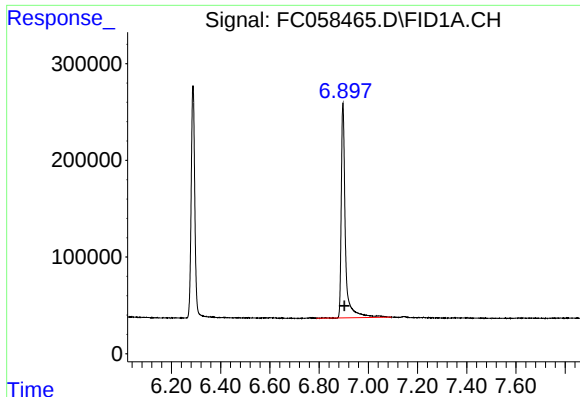
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min  
Delta R.T.: -0.007 min  
Response: 2605946  
Conc: 20.08 ug/ml



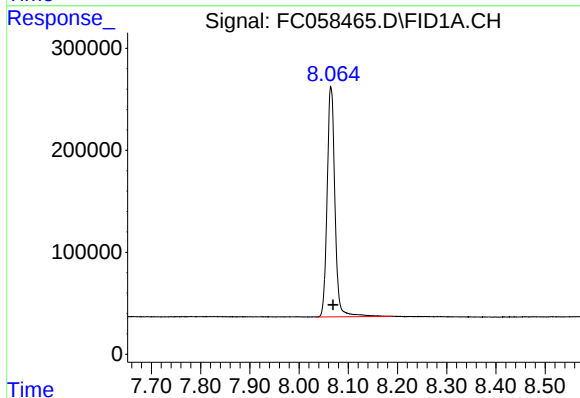
#4 n-Dodecane (C12)

R.T.: 6.288 min  
Delta R.T.: -0.004 min  
Response: 2458603  
Conc: 19.99 ug/ml



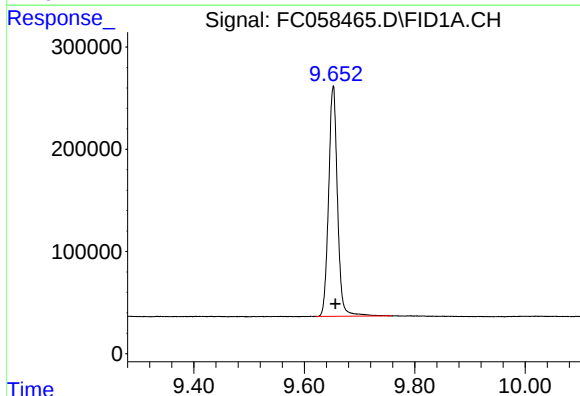
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.897 min  
Delta R.T.: -0.006 min  
Response: 2611805  
Conc: 20.03 ug/ml



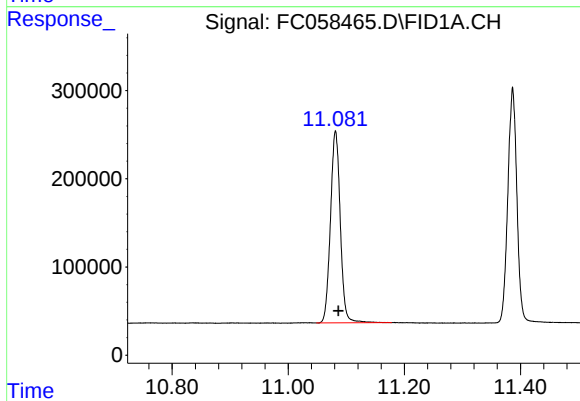
#6 n-Tetradecane (C14)

R.T.: 8.065 min  
Delta R.T.: -0.004 min  
Response: 2488427  
Conc: 19.86 ug/ml



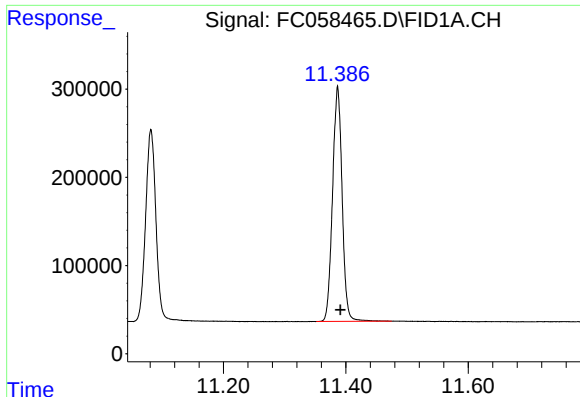
#7 n-Hexadecane (C16)

R.T.: 9.652 min  
Delta R.T.: -0.004 min  
Response: 2513079  
Conc: 19.51 ug/ml



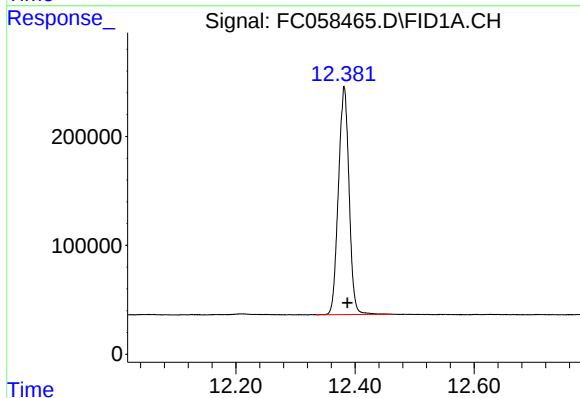
#8 n-Octadecane (C18)

R.T.: 11.082 min  
Delta R.T.: -0.005 min  
Response: 2553662  
Conc: 19.41 ug/ml



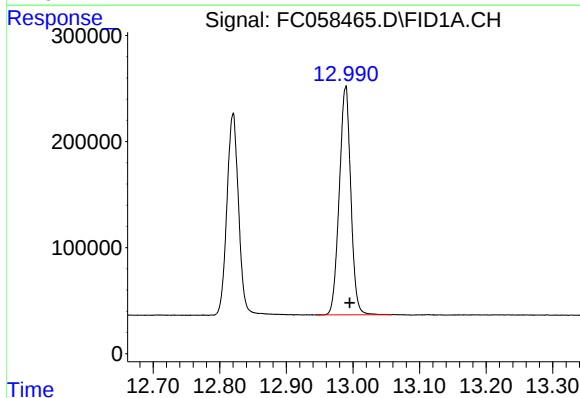
#9 ortho-Terphenyl (SURR)

R.T.: 11.387 min  
Delta R.T.: -0.005 min  
Response: 2898351  
Conc: 19.90 ug/ml



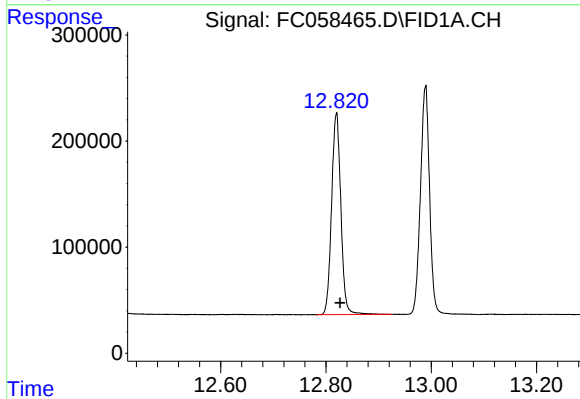
#10 n-Eicosane (C20)

R.T.: 12.382 min  
Delta R.T.: -0.006 min  
Response: 2599675  
Conc: 19.77 ug/ml



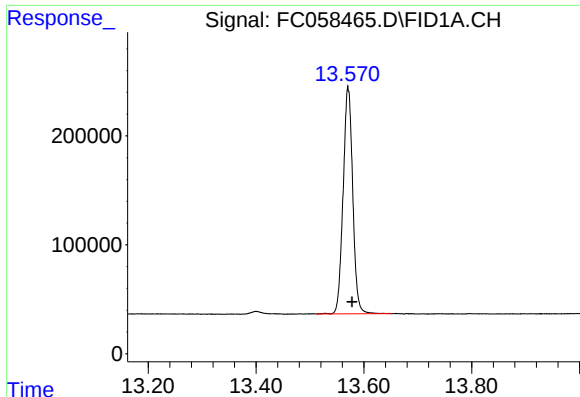
#11 n-Heneicosane (C21)

R.T.: 12.989 min  
Delta R.T.: -0.007 min  
Response: 2584033  
Conc: 19.55 ug/ml



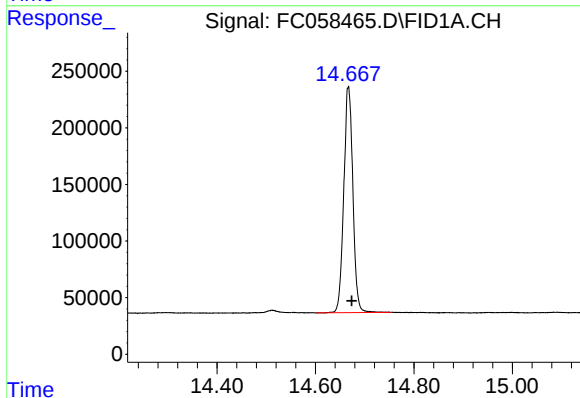
#12 1-chlorooctadecane (SURR)

R.T.: 12.820 min  
Delta R.T.: -0.007 min  
Response: 2324438  
Conc: 20.51 ug/ml



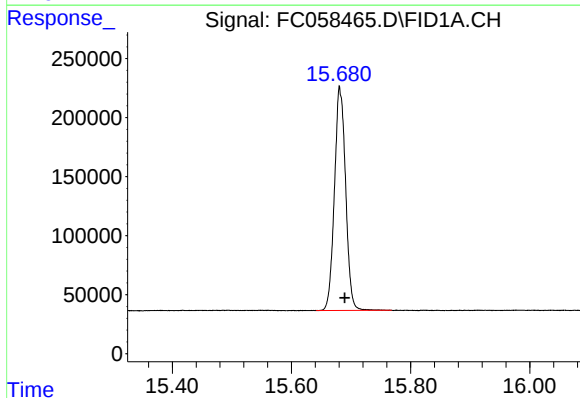
#13 n-Docosane (C22)

R.T.: 13.571 min  
Delta R.T.: -0.007 min  
Response: 2575448  
Conc: 19.75 ug/ml



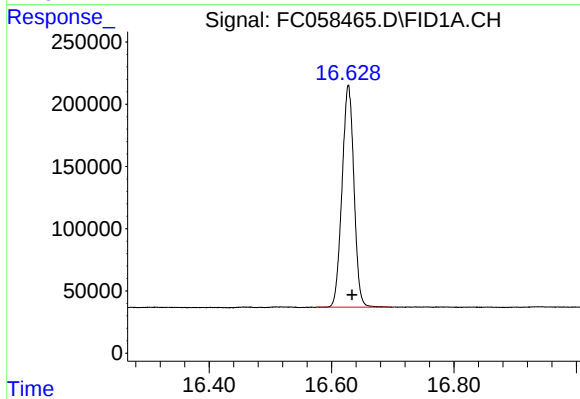
#14 n-Tetracosane (C24)

R.T.: 14.667 min  
Delta R.T.: -0.007 min  
Response: 2557665  
Conc: 19.81 ug/ml



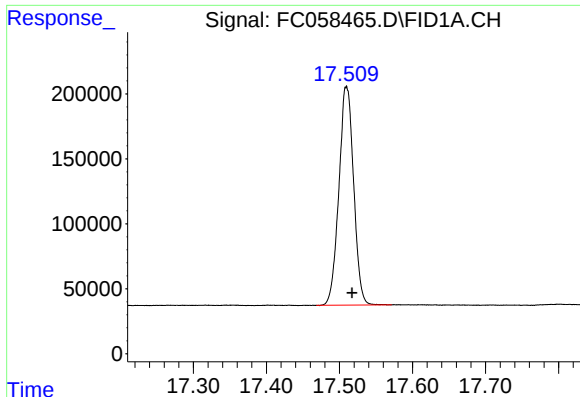
#15 n-Hexacosane (C26)

R.T.: 15.682 min  
Delta R.T.: -0.008 min  
Response: 2466893  
Conc: 19.94 ug/ml



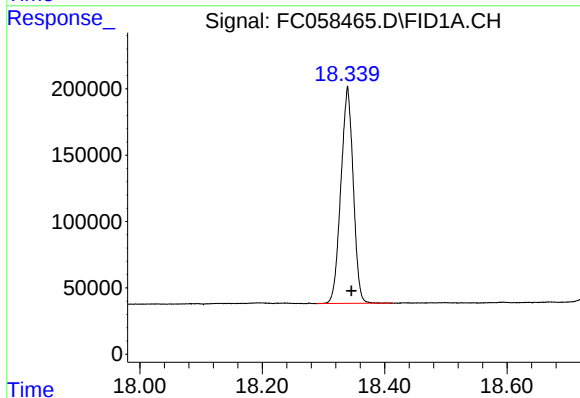
#16 n-Octacosane (C28)

R.T.: 16.627 min  
Delta R.T.: -0.006 min  
Response: 2411723  
Conc: 20.26 ug/ml



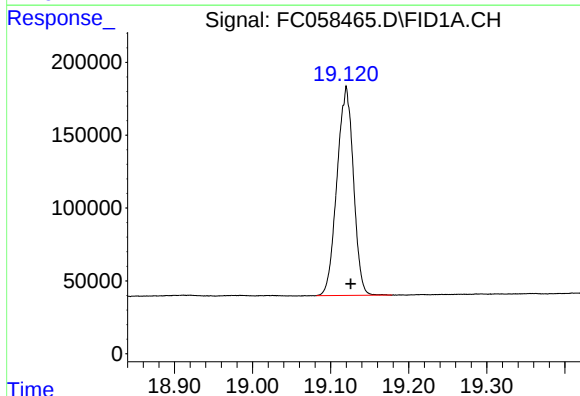
#17 n-Tricontane (C30)

R.T.: 17.510 min  
Delta R.T.: -0.007 min  
Response: 2360875  
Conc: 20.97 ug/ml



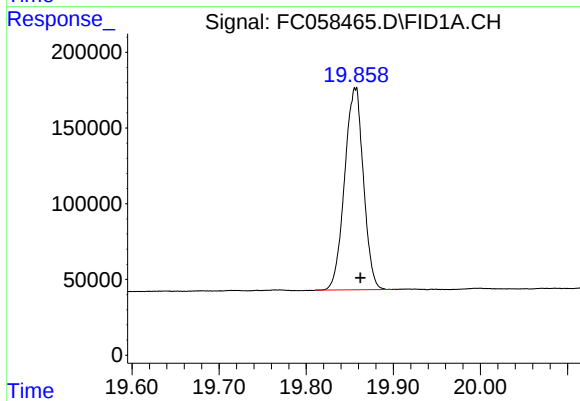
#18 n-Dotriacontane (C32)

R.T.: 18.339 min  
Delta R.T.: -0.007 min  
Response: 2284065  
Conc: 21.24 ug/ml



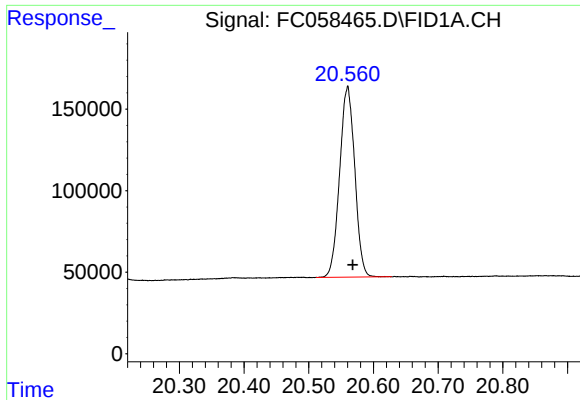
#19 n-Tetratriacontane (C34)

R.T.: 19.120 min  
Delta R.T.: -0.006 min  
Response: 2095124  
Conc: 21.62 ug/ml



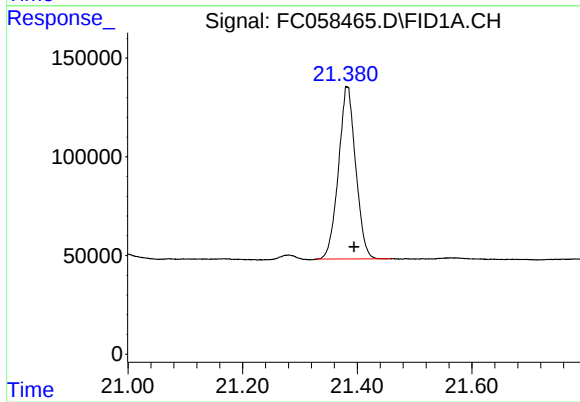
#20 n-Hexatriacontane (C36)

R.T.: 19.856 min  
Delta R.T.: -0.006 min  
Response: 1998716  
Conc: 22.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.560 min  
Delta R.T.: -0.008 min  
Response: 1898007  
Conc: 21.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.383 min  
Delta R.T.: -0.012 min  
Response: 1820641  
Conc: 21.70 ug/ml