

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110320AL\  
 Data File : FD035289.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Nov 2020 1:58  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 04 04:46:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 11:48:08 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)    | 11.542 | 2620696    | 20.146 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.29%        |
| 12) S 1-chlorooctadecane (S... | 12.974 | 2088727    | 20.042 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.08%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.334  | 2297234    | 20.401 ug/ml  |
| 2) T n-Decane (C10)            | 4.398  | 2315404    | 20.490 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.977  | 2522918    | 20.630 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.408  | 2371827    | 20.515 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.030  | 2555705    | 20.425 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.196  | 2378237    | 20.651 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.791  | 2343269    | 20.507 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.227 | 2449676    | 20.299 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.531 | 2468250    | 20.127 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.141 | 2465378    | 20.052 ug/ml  |
| 13) T n-Docosane (C22)         | 13.724 | 2458077    | 19.935 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.822 | 2437911    | 19.706 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.838 | 2379385    | 19.331 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.783 | 2329213    | 18.918 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.667 | 2239602    | 18.531 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.494 | 2057926    | 18.303 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.273 | 1898961    | 18.092 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.006 | 2056091    | 21.463 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.728 | 1631706    | 18.370 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.608 | 1700399    | 19.375 ug/ml  |
| -----                          |        |            |               |

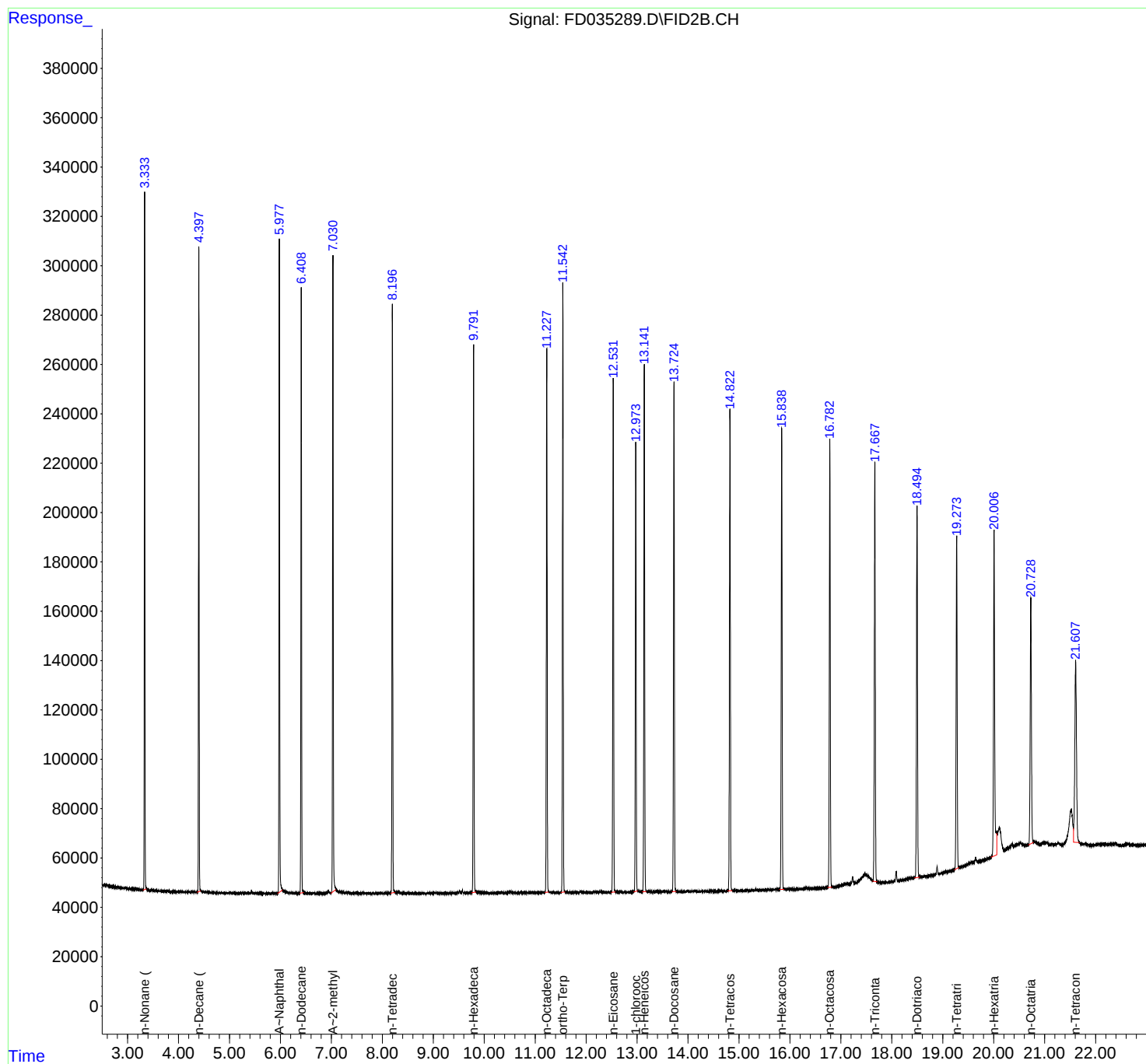
(f)=RT Delta > 1/2 Window

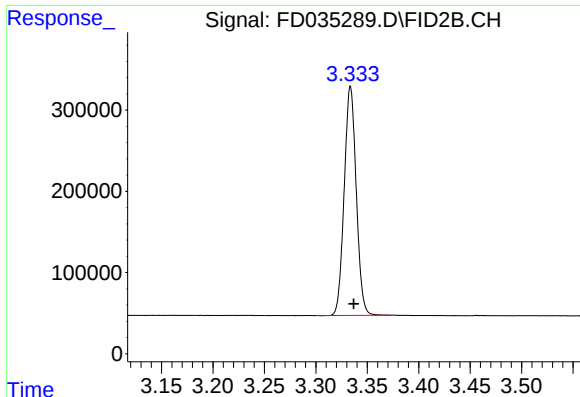
(m)=manual int.

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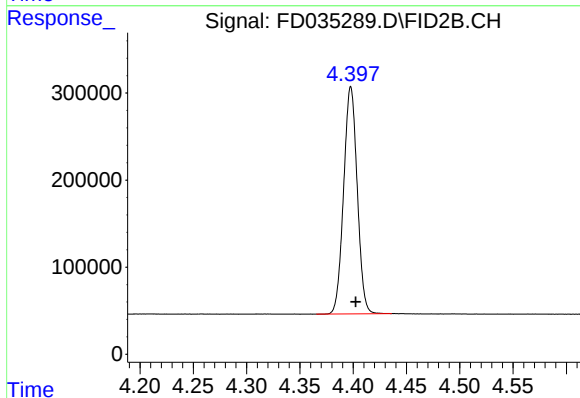
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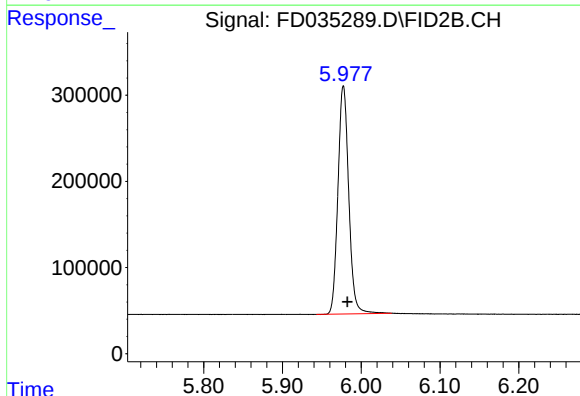
#1 n-Nonane (C9)

R.T.: 3.334 min  
Delta R.T.: -0.003 min  
Response: 2297234  
Conc: 20.40 ug/ml



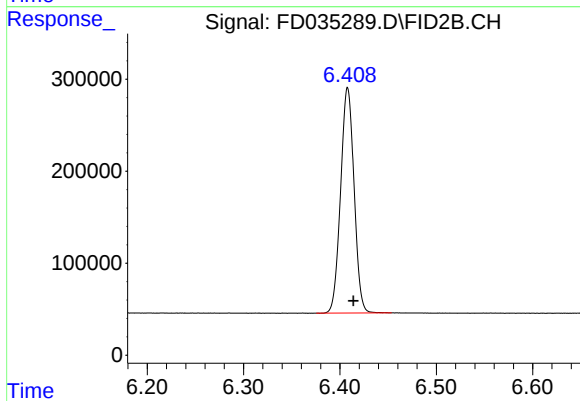
#2 n-Decane (C10)

R.T.: 4.398 min  
Delta R.T.: -0.005 min  
Response: 2315404  
Conc: 20.49 ug/ml



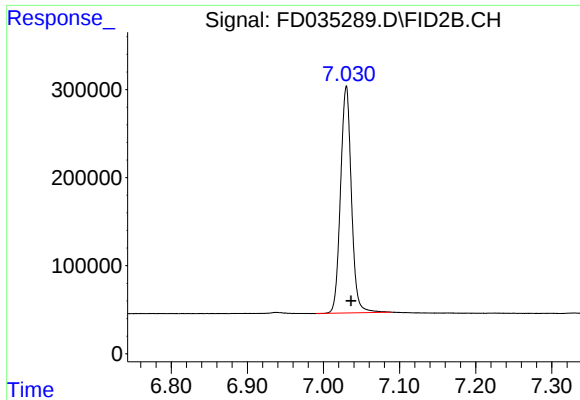
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min  
Delta R.T.: -0.005 min  
Response: 2522918  
Conc: 20.63 ug/ml



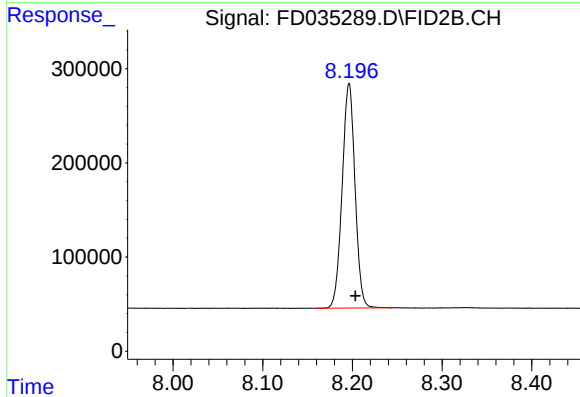
#4 n-Dodecane (C12)

R.T.: 6.408 min  
Delta R.T.: -0.006 min  
Response: 2371827  
Conc: 20.51 ug/ml



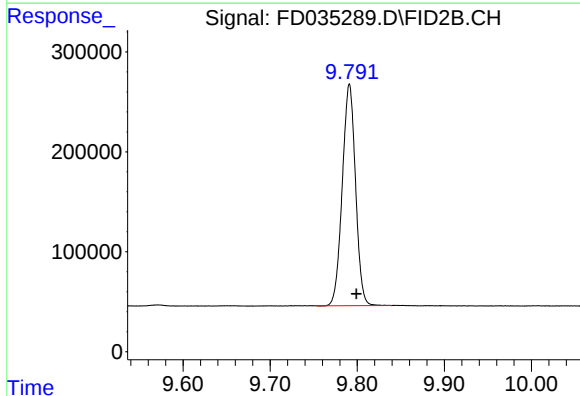
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.030 min  
Delta R.T.: -0.006 min  
Response: 2555705  
Conc: 20.43 ug/ml



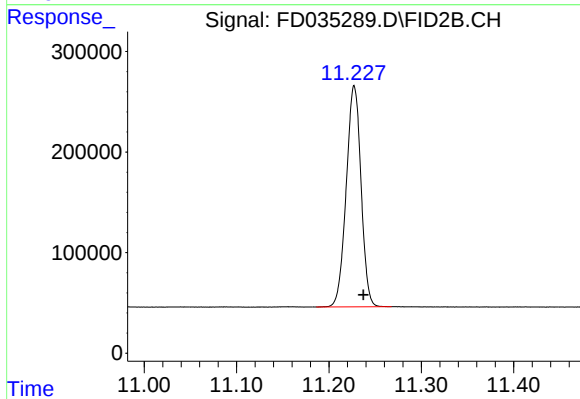
#6 n-Tetradecane (C14)

R.T.: 8.196 min  
Delta R.T.: -0.007 min  
Response: 2378237  
Conc: 20.65 ug/ml



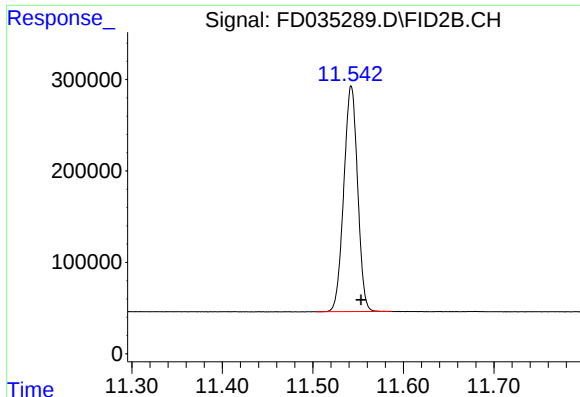
#7 n-Hexadecane (C16)

R.T.: 9.791 min  
Delta R.T.: -0.008 min  
Response: 2343269  
Conc: 20.51 ug/ml



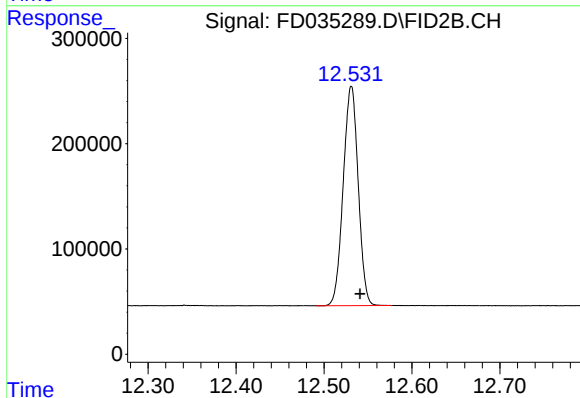
#8 n-Octadecane (C18)

R.T.: 11.227 min  
Delta R.T.: -0.010 min  
Response: 2449676  
Conc: 20.30 ug/ml



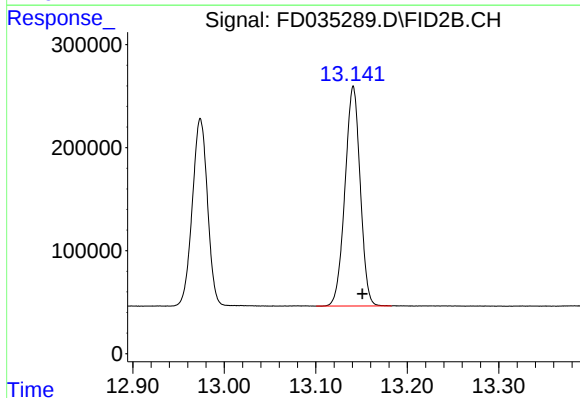
#9 ortho-Terphenyl (SURR)

R.T.: 11.542 min  
Delta R.T.: -0.011 min  
Response: 2620696  
Conc: 20.15 ug/ml



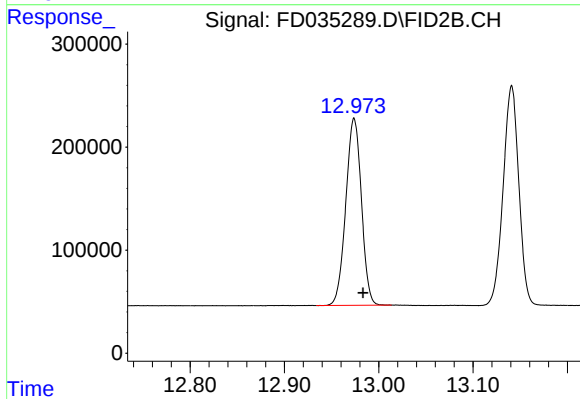
#10 n-Eicosane (C20)

R.T.: 12.531 min  
Delta R.T.: -0.010 min  
Response: 2468250  
Conc: 20.13 ug/ml



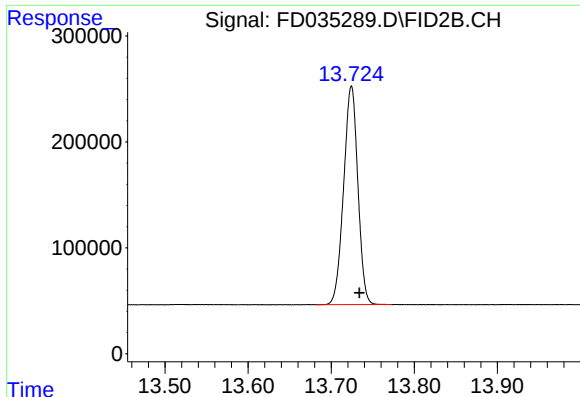
#11 n-Heneicosane (C21)

R.T.: 13.141 min  
Delta R.T.: -0.010 min  
Response: 2465378  
Conc: 20.05 ug/ml



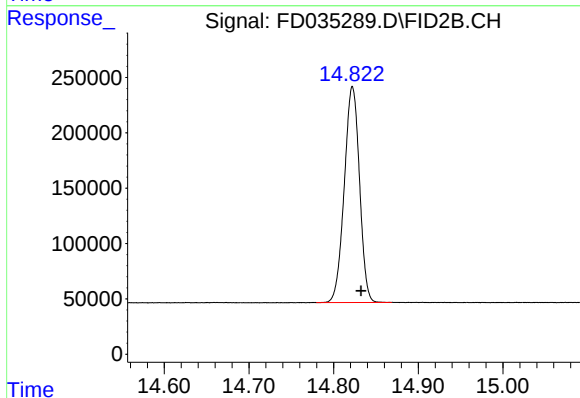
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min  
Delta R.T.: -0.009 min  
Response: 2088727  
Conc: 20.04 ug/ml



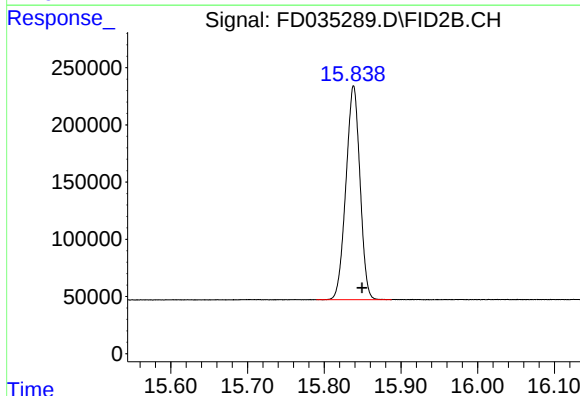
#13 n-Docosane (C22)

R.T.: 13.724 min  
Delta R.T.: -0.010 min  
Response: 2458077  
Conc: 19.93 ug/ml



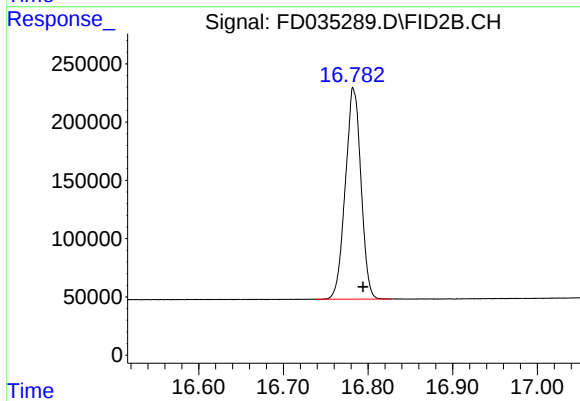
#14 n-Tetracosane (C24)

R.T.: 14.822 min  
Delta R.T.: -0.010 min  
Response: 2437911  
Conc: 19.71 ug/ml



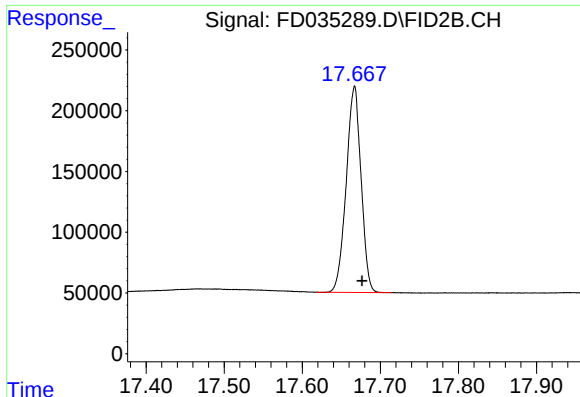
#15 n-Hexacosane (C26)

R.T.: 15.838 min  
Delta R.T.: -0.011 min  
Response: 2379385  
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.783 min  
Delta R.T.: -0.011 min  
Response: 2329213  
Conc: 18.92 ug/ml



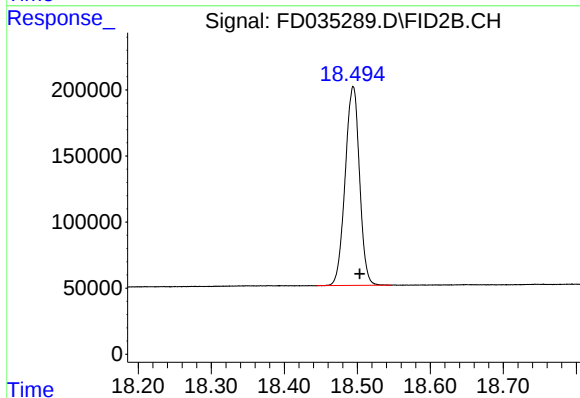
#17 n-Tricontane (C30)

R.T.: 17.667 min

Delta R.T.: -0.010 min

Response: 2239602

Conc: 18.53 ug/ml



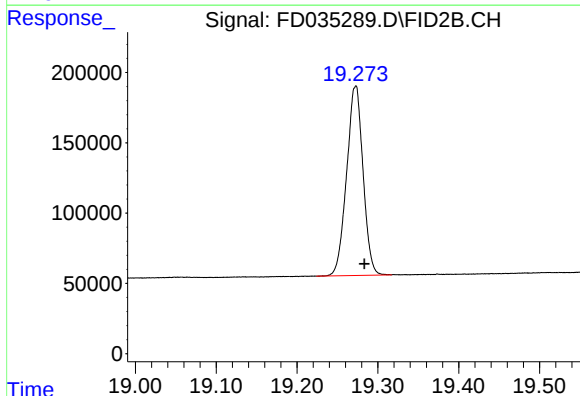
#18 n-Dotriacontane (C32)

R.T.: 18.494 min

Delta R.T.: -0.009 min

Response: 2057926

Conc: 18.30 ug/ml



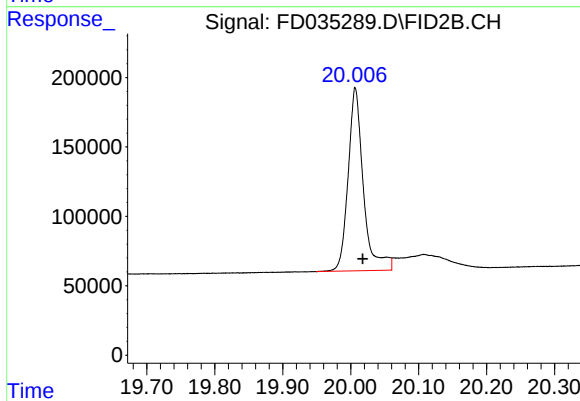
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min

Delta R.T.: -0.011 min

Response: 1898961

Conc: 18.09 ug/ml



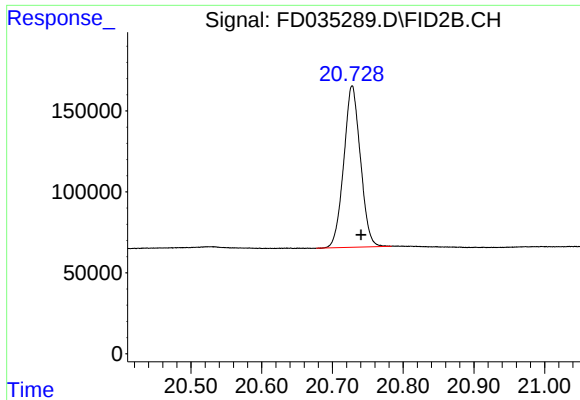
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min

Delta R.T.: -0.012 min

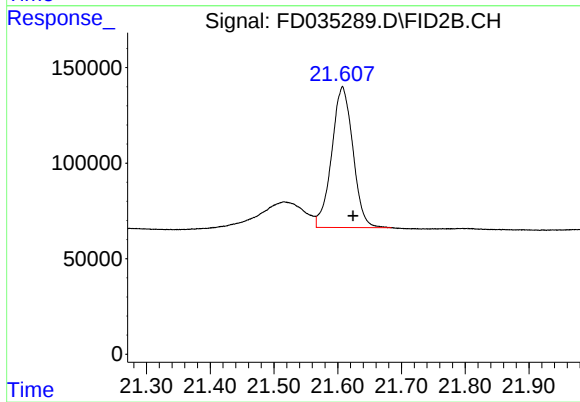
Response: 2056091

Conc: 21.46 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.728 min  
Delta R.T.: -0.013 min  
Response: 1631706  
Conc: 18.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.608 min  
Delta R.T.: -0.016 min  
Response: 1700399  
Conc: 19.37 ug/ml