

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111419AL\  
 Data File : FD031517.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Nov 2019 10:12  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 15 10:43:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 06 06:45:13 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)    | 11.543 | 2688849    | 17.671 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.34%       |
| 12) S 1-chlorooctadecane (S... | 12.972 | 1998069    | 17.583 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.17%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.337  | 2528393    | 19.060 ug/ml |
| 2) T n-Decane (C10)            | 4.402  | 2539236    | 19.038 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.980  | 2837153    | 18.943 ug/ml |
| 4) T n-Dodecane (C12)          | 6.413  | 2549392    | 18.930 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.031  | 2861794    | 18.881 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.200  | 2513893    | 18.656 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.793  | 2468636    | 18.412 ug/ml |
| 8) T n-Octadecane (C18)        | 11.227 | 2415353    | 18.109 ug/ml |
| 10) T n-Eicosane (C20)         | 12.530 | 2347132    | 17.794 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.139 | 2338123    | 17.669 ug/ml |
| 13) T n-Docosane (C22)         | 13.722 | 2298339    | 17.503 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.819 | 2267361    | 17.327 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.835 | 2190842    | 16.958 ug/ml |
| 16) T n-Octacosane (C28)       | 16.779 | 2137349    | 16.703 ug/ml |
| 17) T n-Tricontane (C30)       | 17.662 | 2123990    | 16.652 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.488 | 2061506    | 16.711 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.267 | 2048683    | 17.127 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.003 | 2012839    | 17.636 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.719 | 1924994    | 18.328 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.590 | 1984532    | 18.481 ug/ml |
| -----                          |        |            |              |

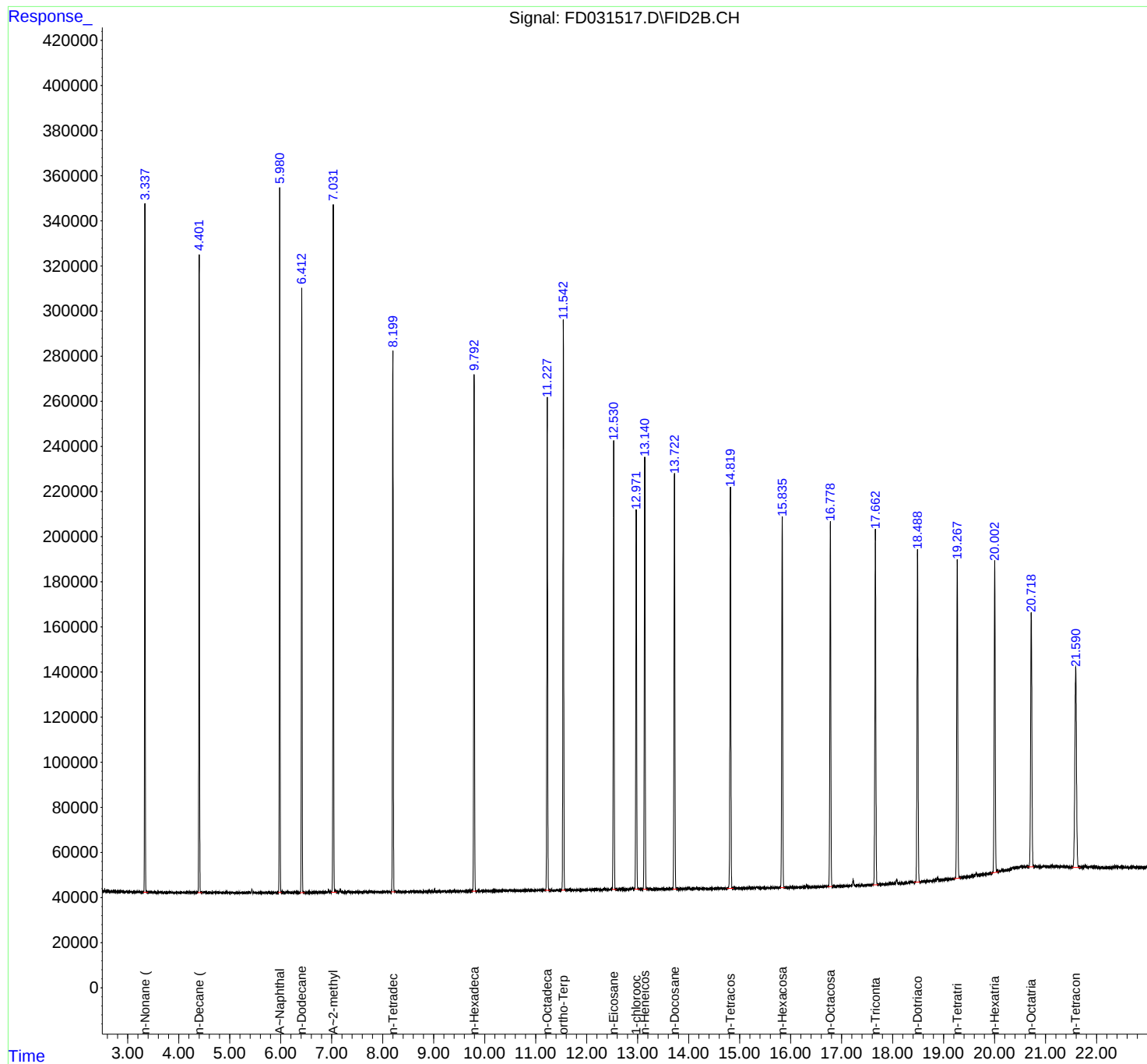
(f)=RT Delta > 1/2 Window

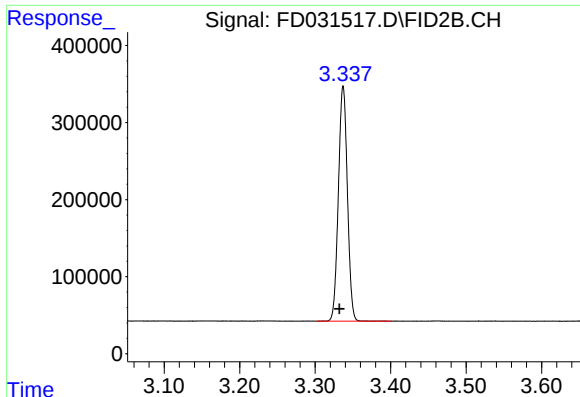
(m)=manual int.

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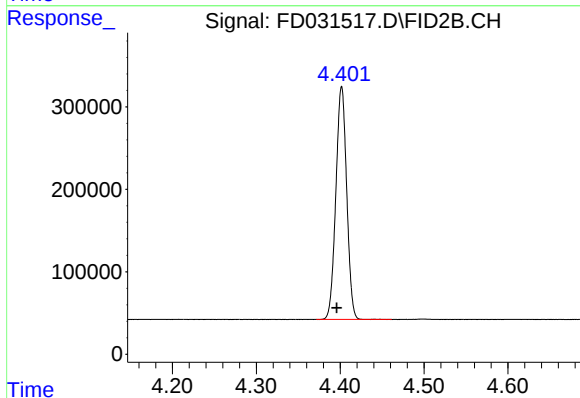
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





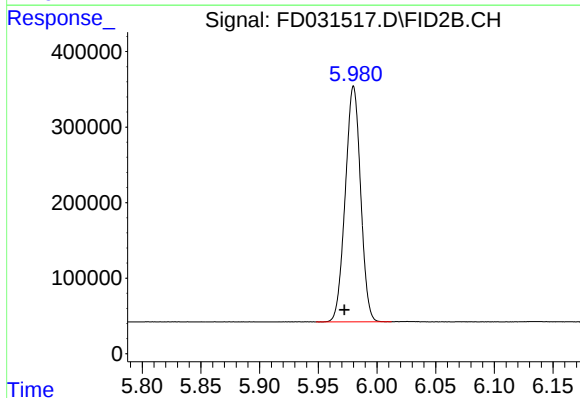
#1 n-Nonane (C9)

R.T.: 3.337 min  
Delta R.T.: 0.005 min  
Response: 2528393  
Conc: 19.06 ug/ml



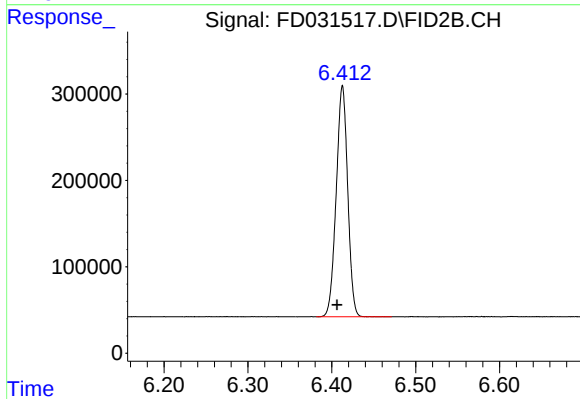
#2 n-Decane (C10)

R.T.: 4.402 min  
Delta R.T.: 0.006 min  
Response: 2539236  
Conc: 19.04 ug/ml



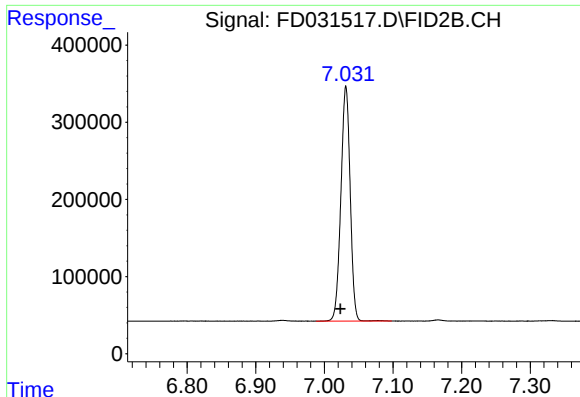
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min  
Delta R.T.: 0.008 min  
Response: 2837153  
Conc: 18.94 ug/ml



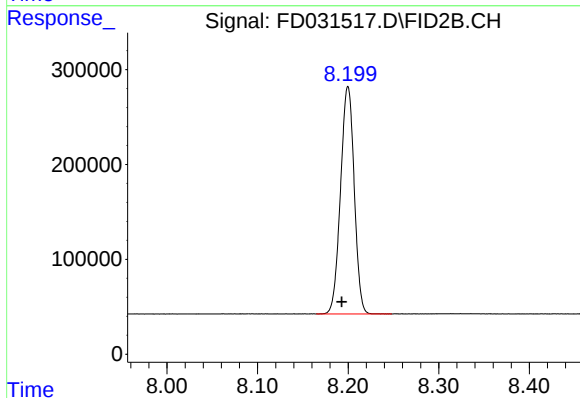
#4 n-Dodecane (C12)

R.T.: 6.413 min  
Delta R.T.: 0.006 min  
Response: 2549392  
Conc: 18.93 ug/ml



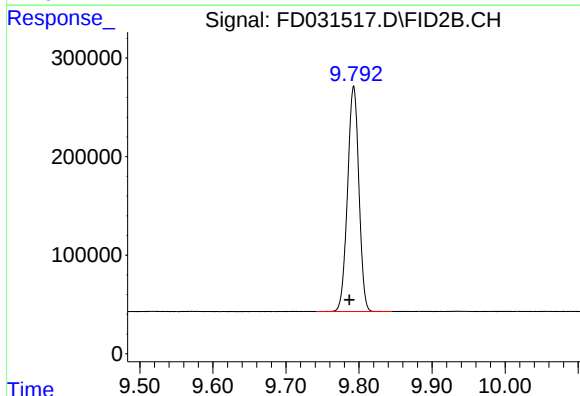
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.031 min  
Delta R.T.: 0.008 min  
Response: 2861794  
Conc: 18.88 ug/ml



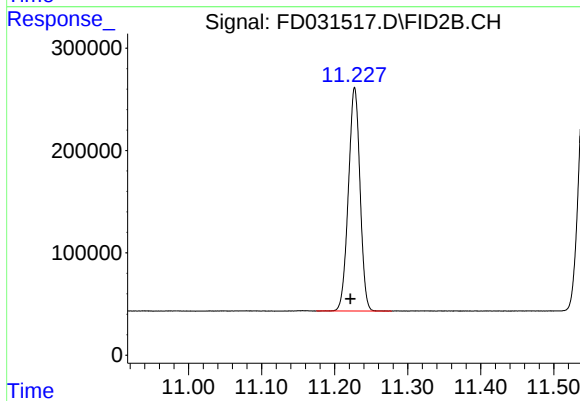
#6 n-Tetradecane (C14)

R.T.: 8.200 min  
Delta R.T.: 0.007 min  
Response: 2513893  
Conc: 18.66 ug/ml



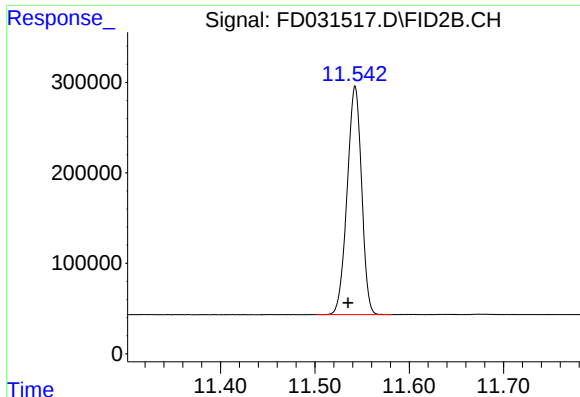
#7 n-Hexadecane (C16)

R.T.: 9.793 min  
Delta R.T.: 0.006 min  
Response: 2468636  
Conc: 18.41 ug/ml



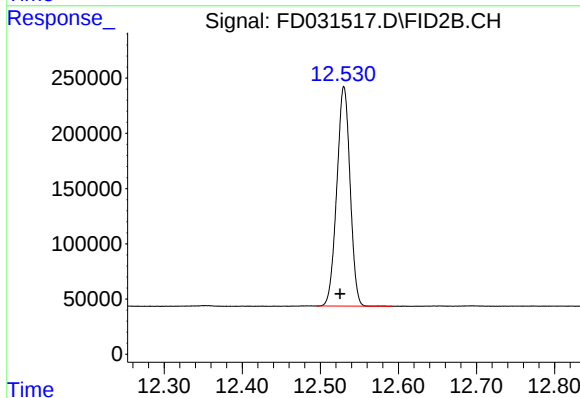
#8 n-Octadecane (C18)

R.T.: 11.227 min  
Delta R.T.: 0.006 min  
Response: 2415353  
Conc: 18.11 ug/ml



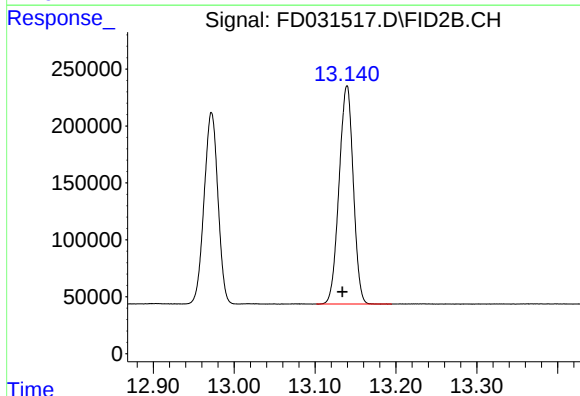
#9 ortho-Terphenyl (SURR)

R.T.: 11.543 min  
Delta R.T.: 0.007 min  
Response: 2688849  
Conc: 17.67 ug/ml



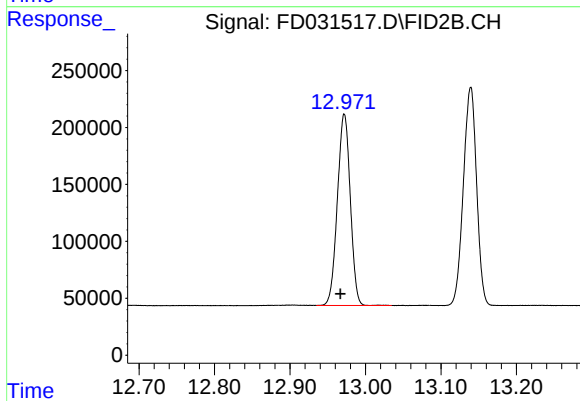
#10 n-Eicosane (C20)

R.T.: 12.530 min  
Delta R.T.: 0.005 min  
Response: 2347132  
Conc: 17.79 ug/ml



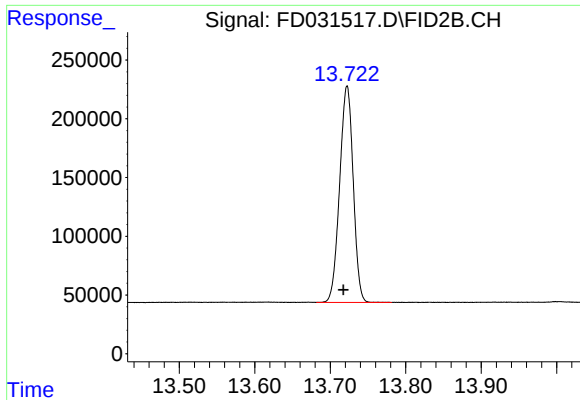
#11 n-Heneicosane (C21)

R.T.: 13.139 min  
Delta R.T.: 0.005 min  
Response: 2338123  
Conc: 17.67 ug/ml



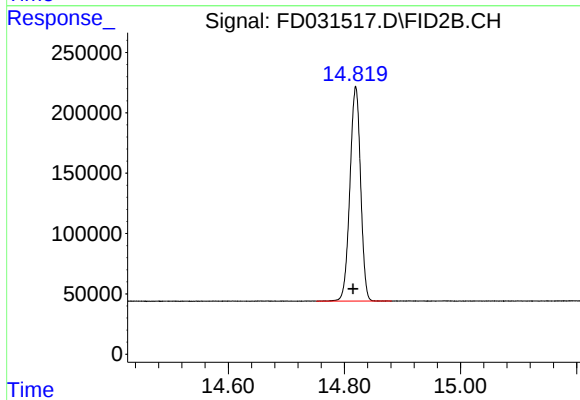
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min  
Delta R.T.: 0.005 min  
Response: 1998069  
Conc: 17.58 ug/ml



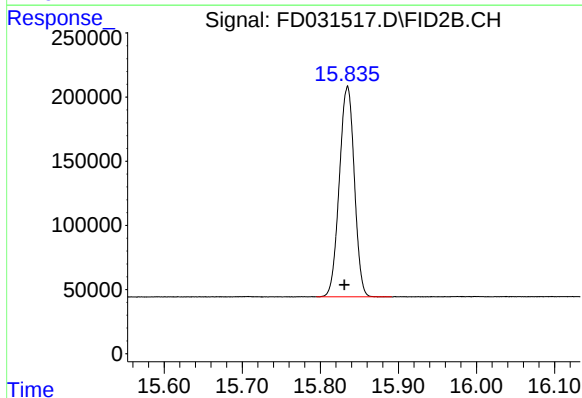
#13 n-Docosane (C22)

R.T.: 13.722 min  
Delta R.T.: 0.005 min  
Response: 2298339  
Conc: 17.50 ug/ml



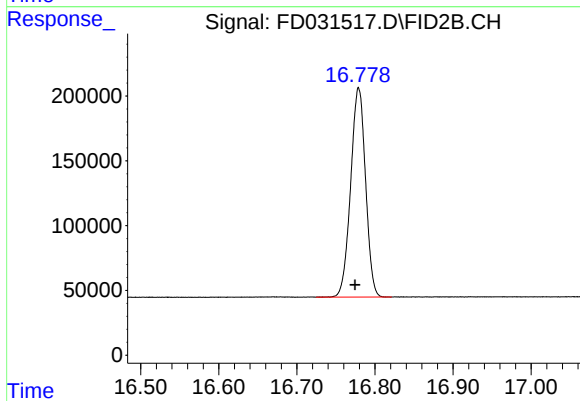
#14 n-Tetracosane (C24)

R.T.: 14.819 min  
Delta R.T.: 0.005 min  
Response: 2267361  
Conc: 17.33 ug/ml



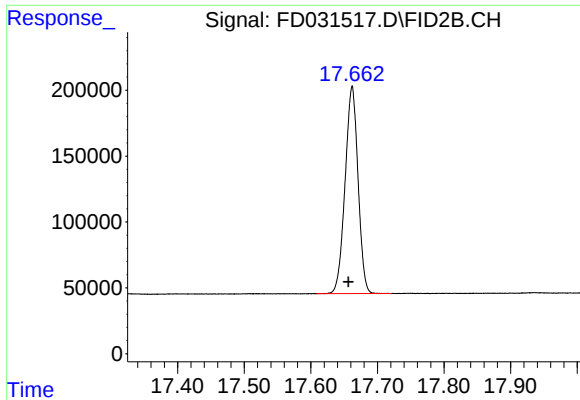
#15 n-Hexacosane (C26)

R.T.: 15.835 min  
Delta R.T.: 0.004 min  
Response: 2190842  
Conc: 16.96 ug/ml



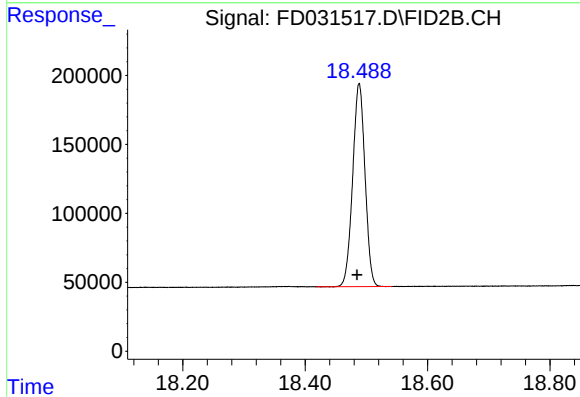
#16 n-Octacosane (C28)

R.T.: 16.779 min  
Delta R.T.: 0.004 min  
Response: 2137349  
Conc: 16.70 ug/ml



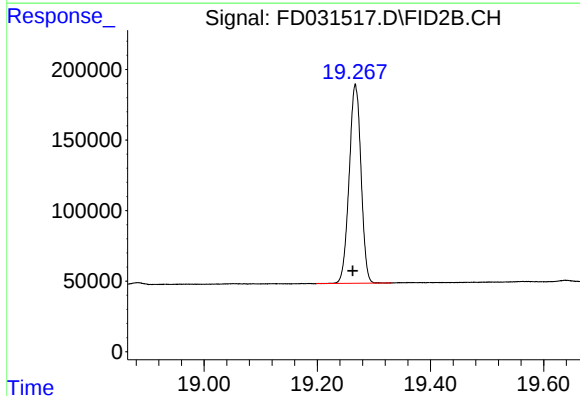
#17 n-Tricontane (C30)

R.T.: 17.662 min  
Delta R.T.: 0.005 min  
Response: 2123990  
Conc: 16.65 ug/ml



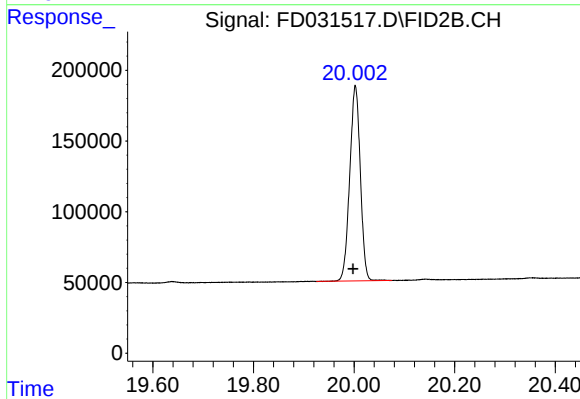
#18 n-Dotriacontane (C32)

R.T.: 18.488 min  
Delta R.T.: 0.004 min  
Response: 2061506  
Conc: 16.71 ug/ml



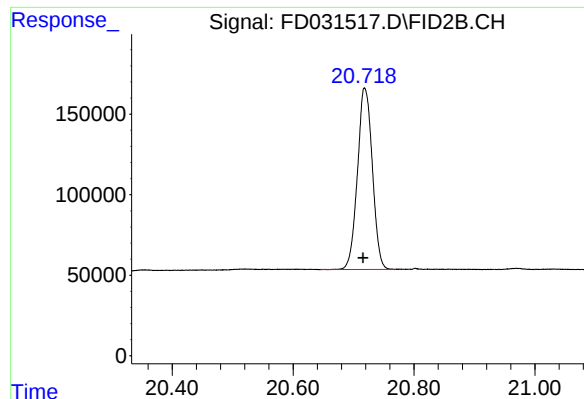
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min  
Delta R.T.: 0.005 min  
Response: 2048683  
Conc: 17.13 ug/ml



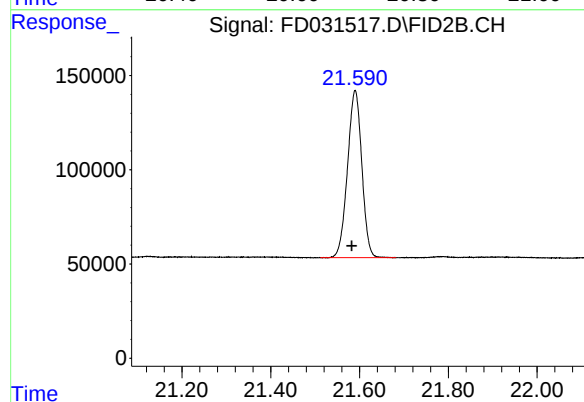
#20 n-Hexatriacontane (C36)

R.T.: 20.003 min  
Delta R.T.: 0.005 min  
Response: 2012839  
Conc: 17.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min  
Delta R.T.: 0.003 min  
Response: 1924994  
Conc: 18.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.590 min  
Delta R.T.: 0.008 min  
Response: 1984532  
Conc: 18.48 ug/ml