

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110119AL\  
 Data File : FD031307.D  
 Signal(s) : FID2B.CH  
 Acq On : 01 Nov 2019 9:39  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 01 15:14:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 07:46:23 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)    | 11.421 | 2215999    | 17.669 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.34%        |
| 12) S 1-chlorooctadecane (S... | 12.852 | 1669716    | 17.833 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.67%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.252  | 2177411    | 20.816 ug/ml  |
| 2) T n-Decane (C10)            | 4.306  | 2312241    | 22.057 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.875  | 2303122    | 20.099 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.306  | 2269670    | 21.220 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.923  | 2305172    | 19.997 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.089  | 2181432    | 20.283 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.678  | 2172925    | 20.177 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.111 | 2155555    | 19.716 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.411 | 2020099    | 18.474 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.018 | 1995406    | 18.155 ug/ml  |
| 13) T n-Docosane (C22)         | 13.601 | 1973200    | 18.043 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.696 | 1886320    | 17.273 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.709 | 1909296    | 17.642 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.652 | 1838411    | 17.125 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.531 | 1868506    | 17.541 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.357 | 1851706    | 17.987 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.134 | 1840202    | 18.725 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.867 | 1783013    | 19.356 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.568 | 1721221    | 19.889 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.395 | 1778272    | 20.013 ug/mlm |
| -----                          |        |            |               |

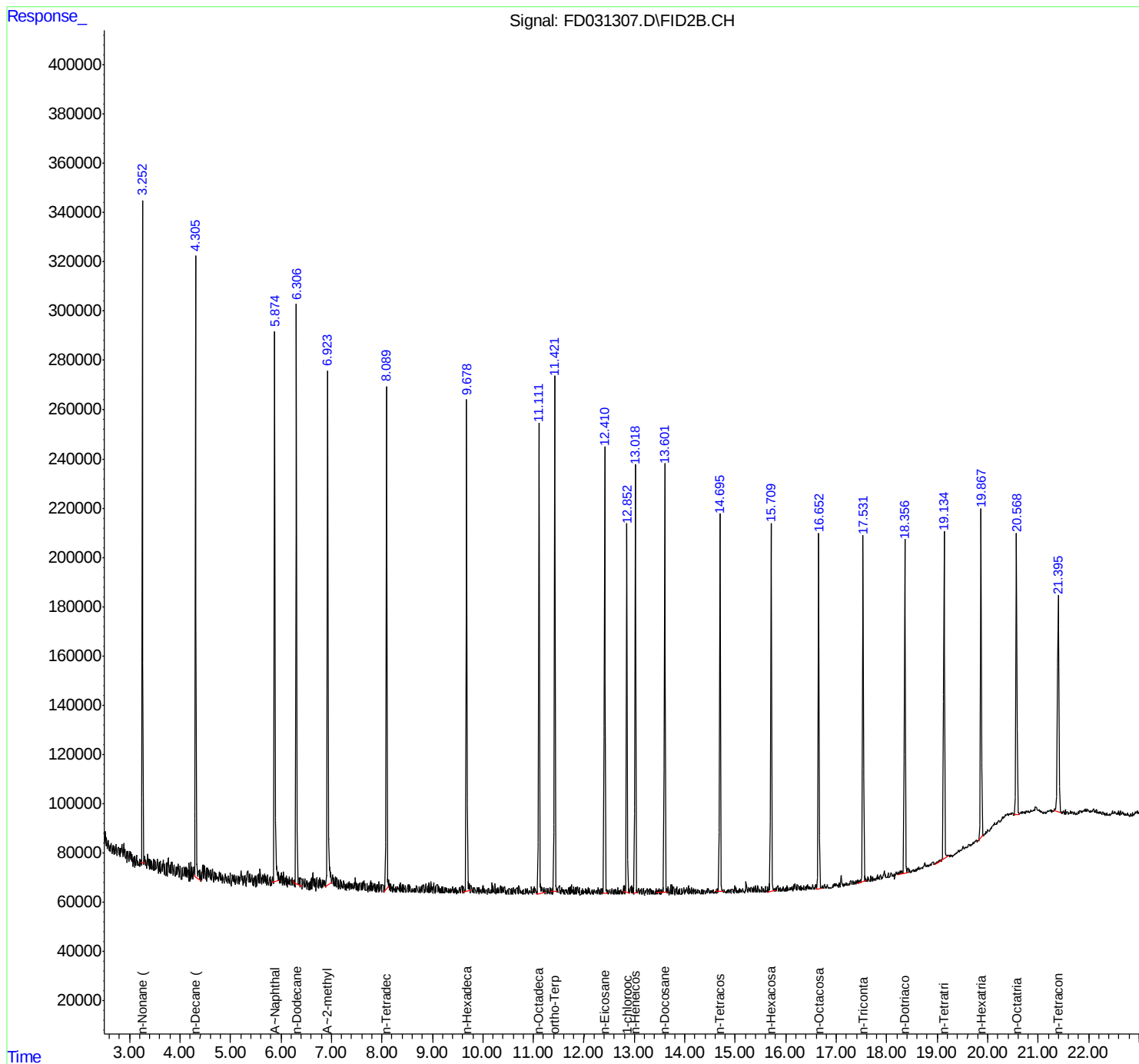
(f)=RT Delta > 1/2 Window

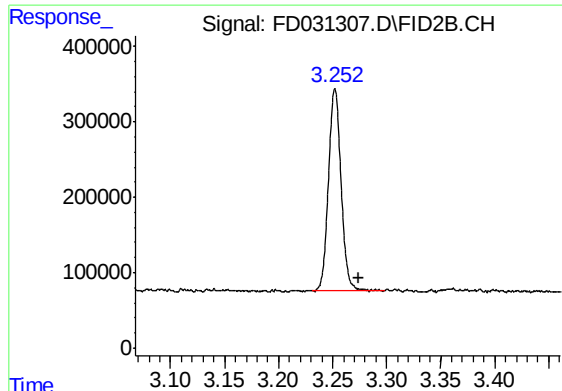
(m)=manual int.

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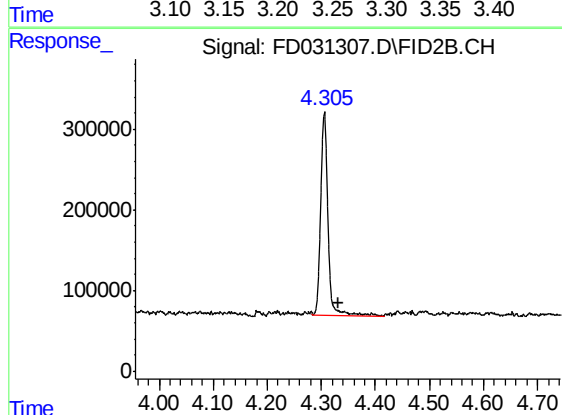
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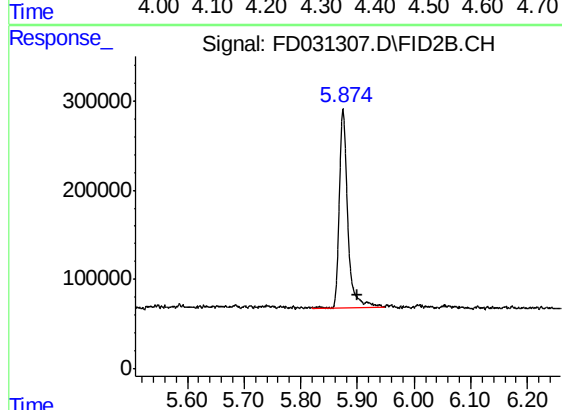
#1 n-Nonane (C9)

R.T.: 3.252 min  
Delta R.T.: -0.022 min  
Response: 2177411  
Conc: 20.82 ug/ml



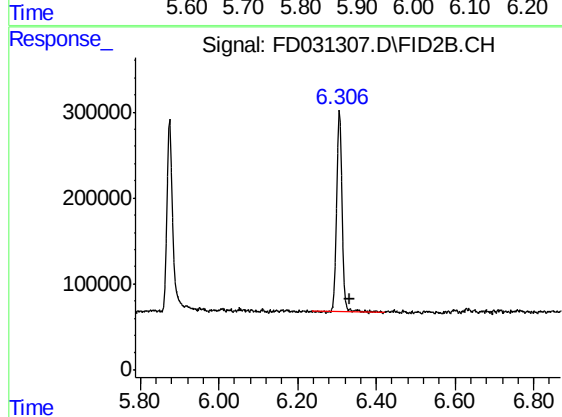
#2 n-Decane (C10)

R.T.: 4.306 min  
Delta R.T.: -0.025 min  
Response: 2312241  
Conc: 22.06 ug/ml



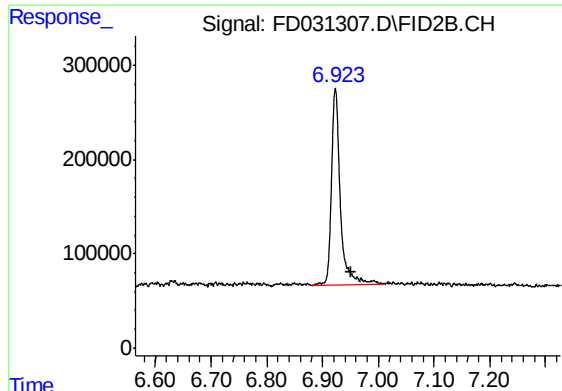
#3 A~Naphthalene (C11.7)

R.T.: 5.875 min  
Delta R.T.: -0.025 min  
Response: 2303122  
Conc: 20.10 ug/ml



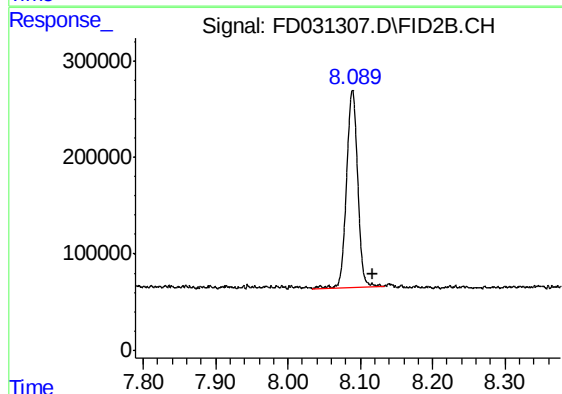
#4 n-Dodecane (C12)

R.T.: 6.306 min  
Delta R.T.: -0.028 min  
Response: 2269670  
Conc: 21.22 ug/ml



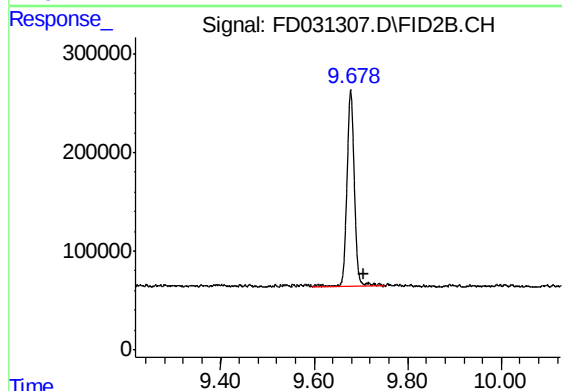
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.923 min  
Delta R.T.: -0.027 min  
Response: 2305172  
Conc: 20.00 ug/ml



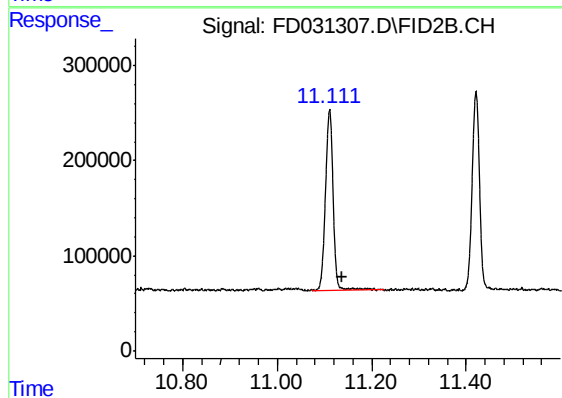
#6 n-Tetradecane (C14)

R.T.: 8.089 min  
Delta R.T.: -0.028 min  
Response: 2181432  
Conc: 20.28 ug/ml



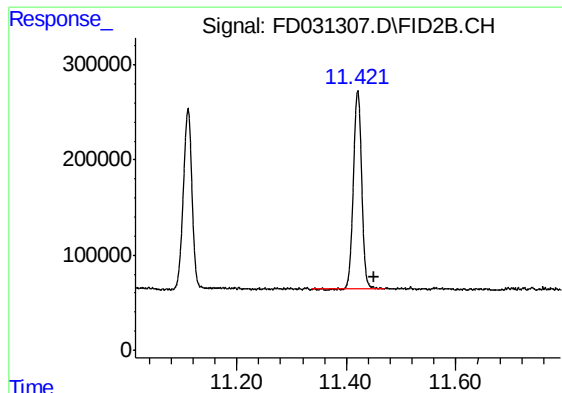
#7 n-Hexadecane (C16)

R.T.: 9.678 min  
Delta R.T.: -0.028 min  
Response: 2172925  
Conc: 20.18 ug/ml



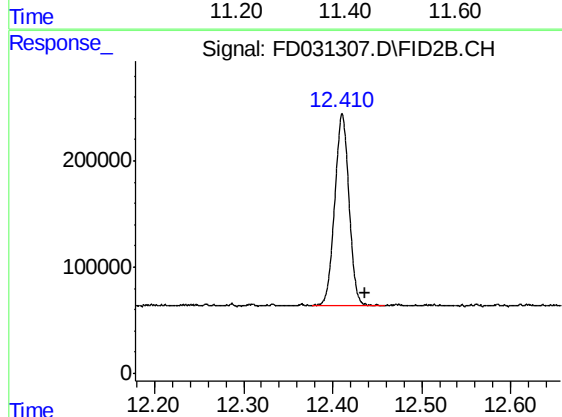
#8 n-Octadecane (C18)

R.T.: 11.111 min  
Delta R.T.: -0.028 min  
Response: 2155555  
Conc: 19.72 ug/ml



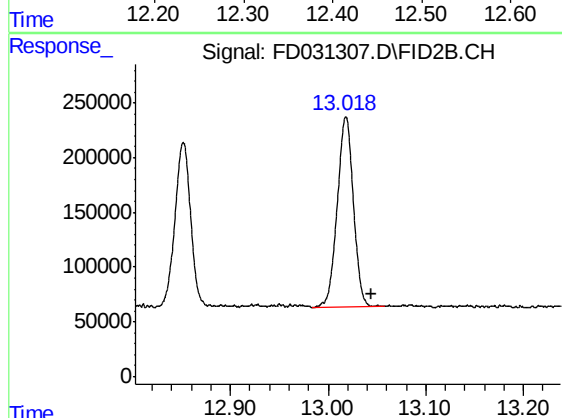
#9 ortho-Terphenyl (SURR)

R.T.: 11.421 min  
Delta R.T.: -0.030 min  
Response: 2215999  
Conc: 17.67 ug/ml



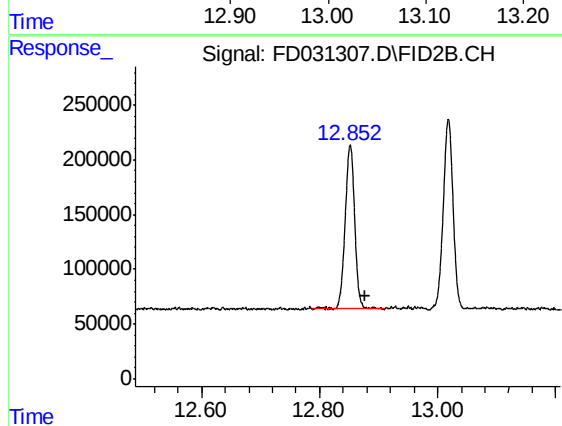
#10 n-Eicosane (C20)

R.T.: 12.411 min  
Delta R.T.: -0.026 min  
Response: 2020099  
Conc: 18.47 ug/ml



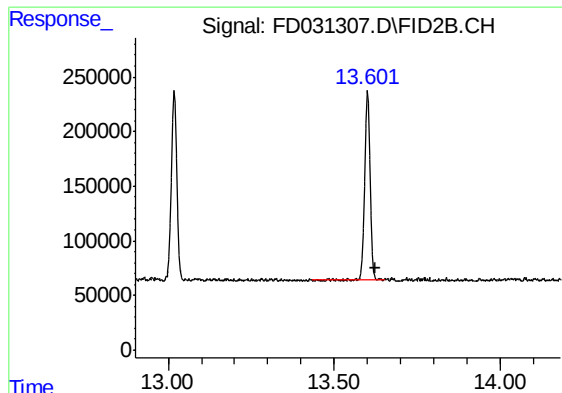
#11 n-Heneicosane (C21)

R.T.: 13.018 min  
Delta R.T.: -0.026 min  
Response: 1995406  
Conc: 18.16 ug/ml



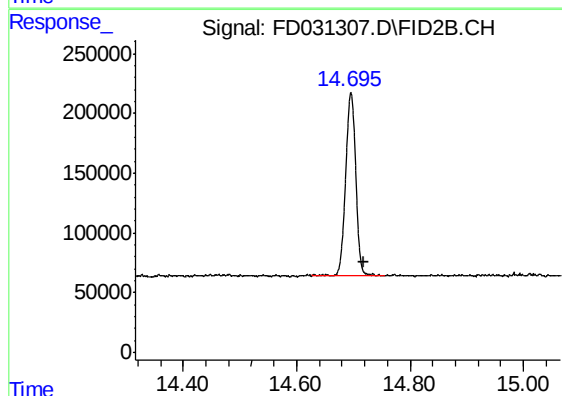
#12 1-chlorooctadecane (SURR)

R.T.: 12.852 min  
Delta R.T.: -0.025 min  
Response: 1669716  
Conc: 17.83 ug/ml



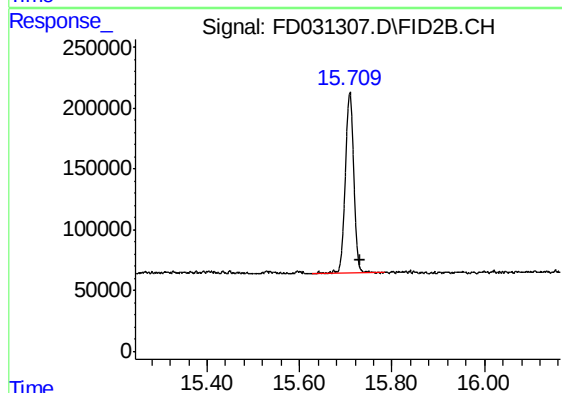
#13 n-Docosane (C22)

R.T.: 13.601 min  
Delta R.T.: -0.025 min  
Response: 1973200  
Conc: 18.04 ug/ml



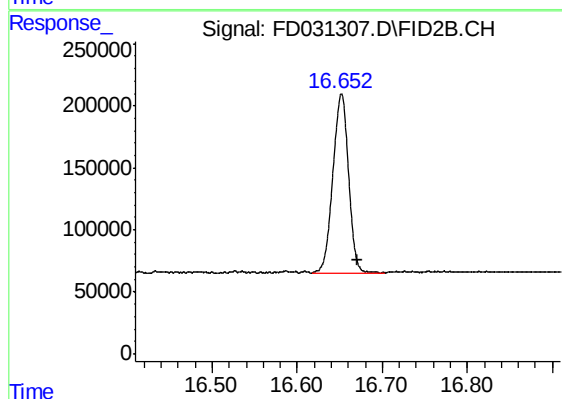
#14 n-Tetracosane (C24)

R.T.: 14.696 min  
Delta R.T.: -0.023 min  
Response: 1886320  
Conc: 17.27 ug/ml



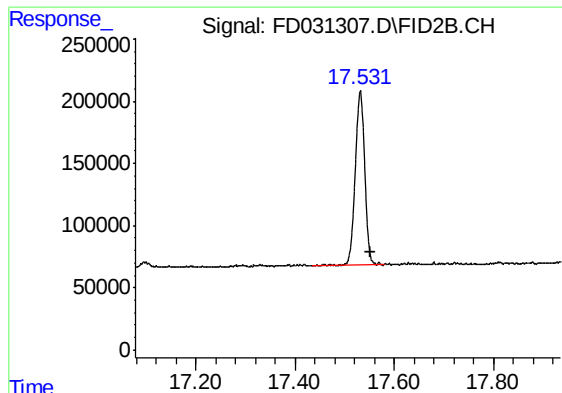
#15 n-Hexacosane (C26)

R.T.: 15.709 min  
Delta R.T.: -0.022 min  
Response: 1909296  
Conc: 17.64 ug/ml



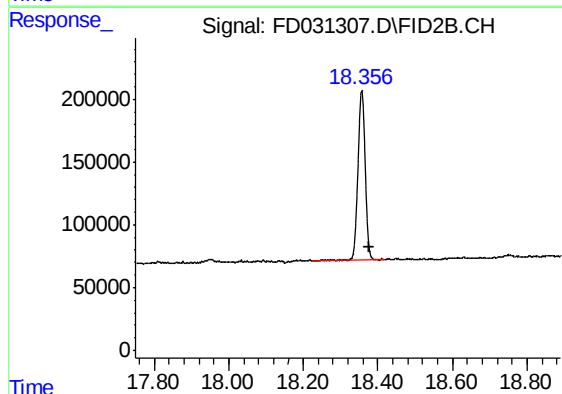
#16 n-Octacosane (C28)

R.T.: 16.652 min  
Delta R.T.: -0.020 min  
Response: 1838411  
Conc: 17.12 ug/ml



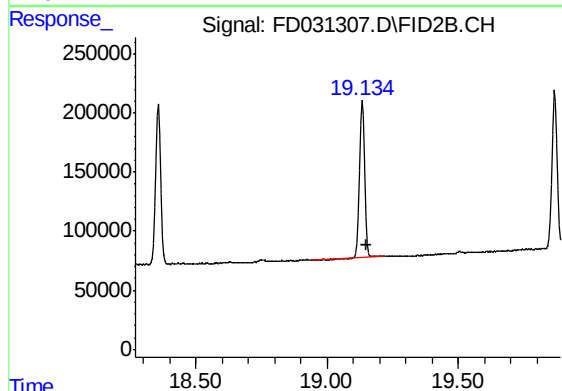
#17 n-Tricontane (C30)

R.T.: 17.531 min  
Delta R.T.: -0.020 min  
Response: 1868506  
Conc: 17.54 ug/ml



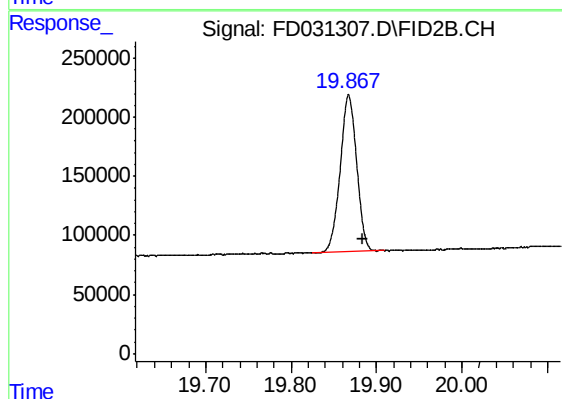
#18 n-Dotriacontane (C32)

R.T.: 18.357 min  
Delta R.T.: -0.019 min  
Response: 1851706  
Conc: 17.99 ug/ml



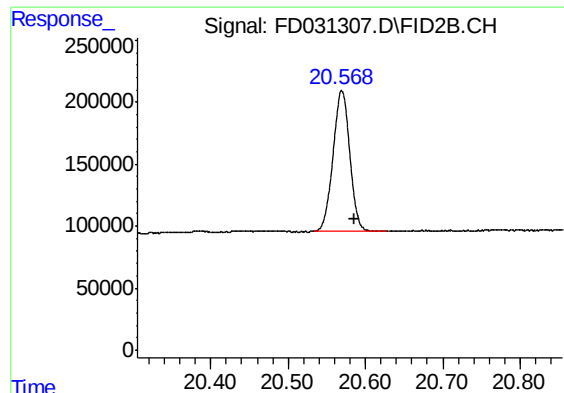
#19 n-Tetatriacontane (C34)

R.T.: 19.134 min  
Delta R.T.: -0.018 min  
Response: 1840202  
Conc: 18.73 ug/ml



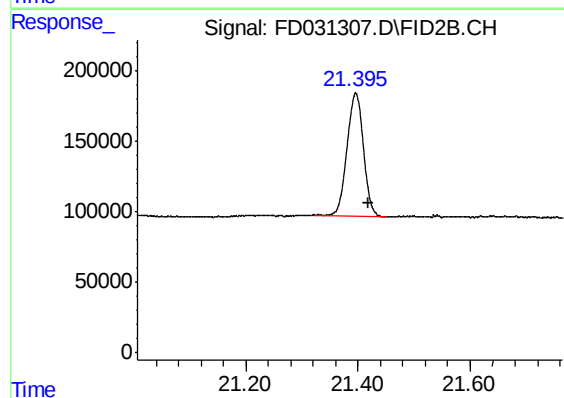
#20 n-Hexatriacontane (C36)

R.T.: 19.867 min  
Delta R.T.: -0.017 min  
Response: 1783013  
Conc: 19.36 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.568 min  
Delta R.T.: -0.018 min  
Response: 1721221  
Conc: 19.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.395 min  
Delta R.T.: -0.022 min  
Response: 1778272  
Conc: 20.01 ug/ml m