

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102021AL\  
 Data File : FD039175.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Oct 2021 7:20  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 21 07:54:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 092921.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 30 02:13:43 2021  
 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)    | 11.678 | 2604232    | 18.349 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.70%       |
| 12) S 1-chlorooctadecane (S... | 13.103 | 2028726    | 18.042 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.08%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.435  | 2583885    | 20.485 ug/ml |
| 2) T n-Decane (C10)            | 4.505  | 2614522    | 20.485 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.098  | 2865339    | 20.122 ug/ml |
| 4) T n-Dodecane (C12)          | 6.521  | 2606951    | 20.356 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.154  | 2854214    | 19.938 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.314  | 2596878    | 20.013 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.913  | 2557464    | 19.609 ug/ml |
| 8) T n-Octadecane (C18)        | 11.352 | 2550307    | 19.069 ug/ml |
| 10) T n-Eicosane (C20)         | 12.658 | 2457001    | 18.526 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.268 | 2431610    | 18.159 ug/ml |
| 13) T n-Docosane (C22)         | 13.852 | 2387893    | 18.002 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.953 | 2366545    | 17.860 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.969 | 2303284    | 17.894 ug/ml |
| 16) T n-Octacosane (C28)       | 16.917 | 2260767    | 17.929 ug/ml |
| 17) T n-Tricontane (C30)       | 17.800 | 2249575    | 18.444 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.629 | 2209069    | 19.054 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.410 | 2165761    | 20.063 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.145 | 2100959    | 21.471 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.887 | 2080205    | 23.172 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.818 | 2156345    | 24.478 ug/ml |
| -----                          |        |            |              |

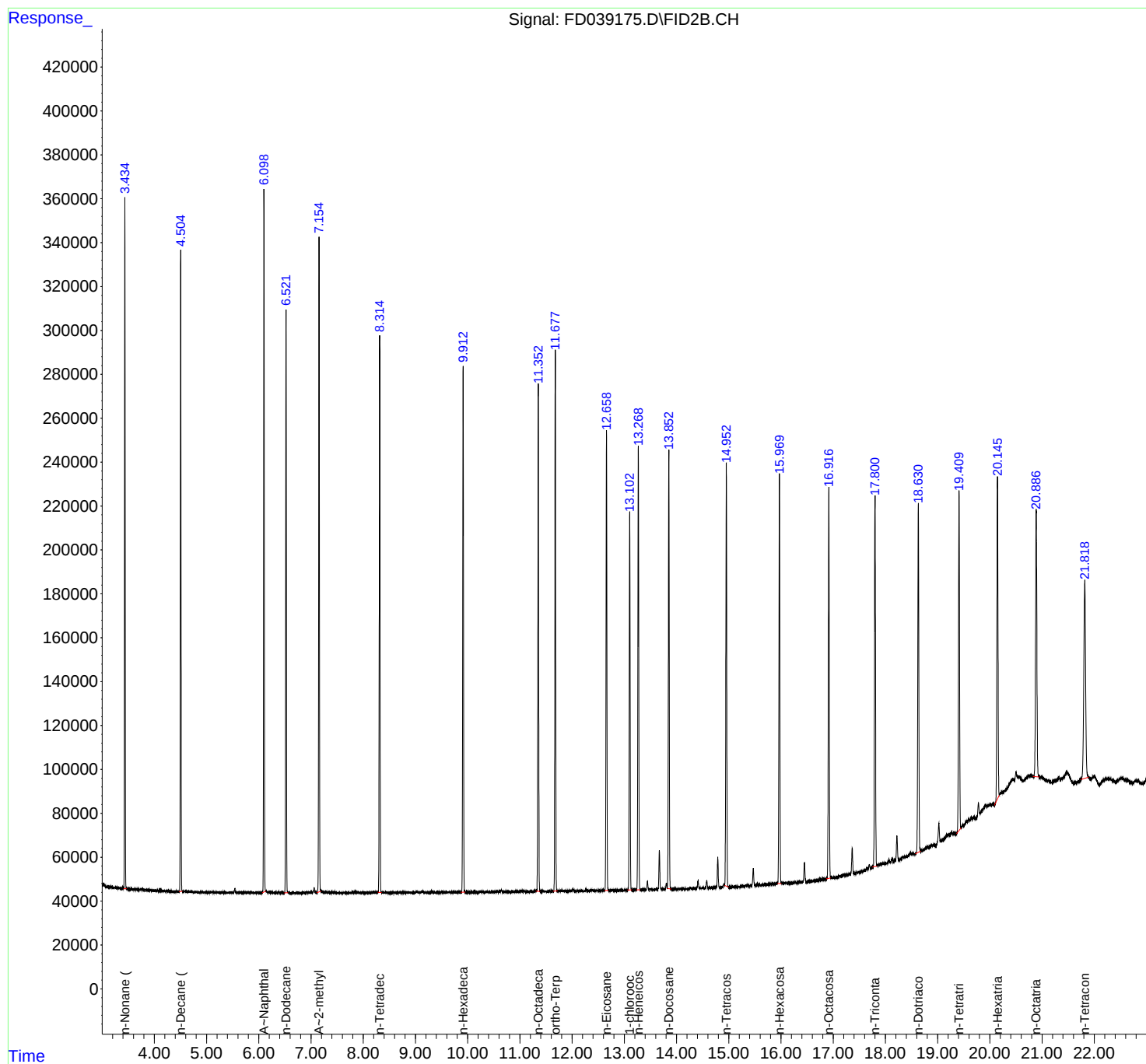
(f)=RT Delta > 1/2 Window

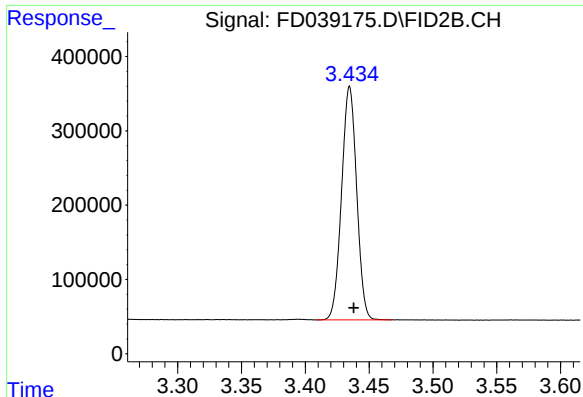
(m)=manual int.

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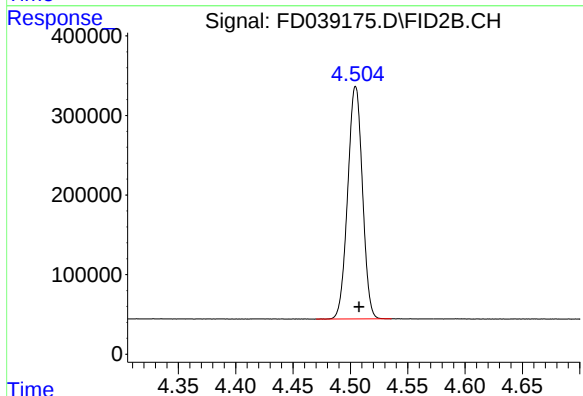
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





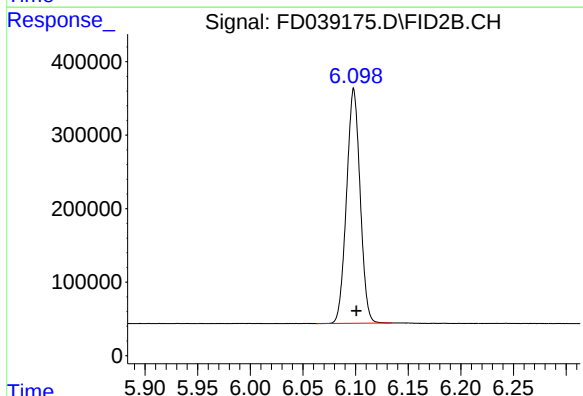
#1 n-Nonane (C9)

R.T.: 3.435 min  
Delta R.T.: -0.003 min  
Response: 2583885  
Conc: 20.48 ug/ml



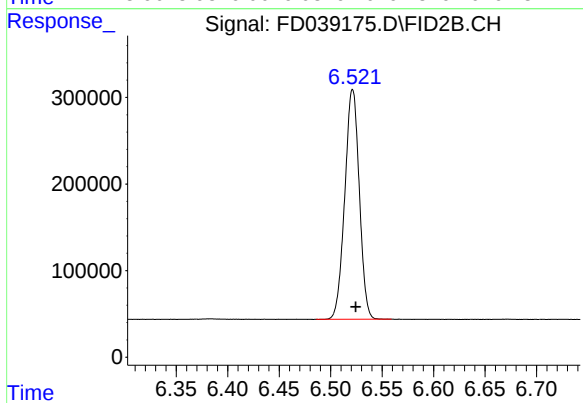
#2 n-Decane (C10)

R.T.: 4.505 min  
Delta R.T.: -0.003 min  
Response: 2614522  
Conc: 20.49 ug/ml



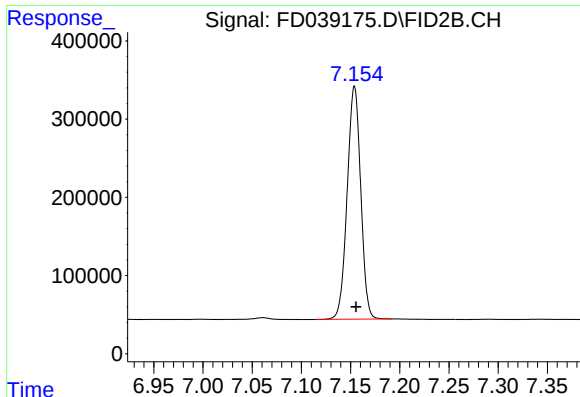
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min  
Delta R.T.: -0.003 min  
Response: 2865339  
Conc: 20.12 ug/ml



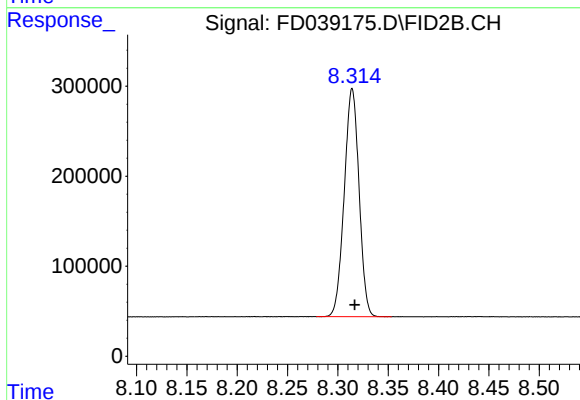
#4 n-Dodecane (C12)

R.T.: 6.521 min  
Delta R.T.: -0.003 min  
Response: 2606951  
Conc: 20.36 ug/ml



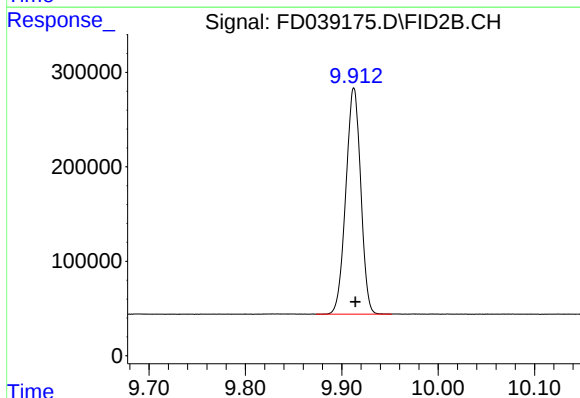
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.154 min  
Delta R.T.: -0.002 min  
Response: 2854214  
Conc: 19.94 ug/ml



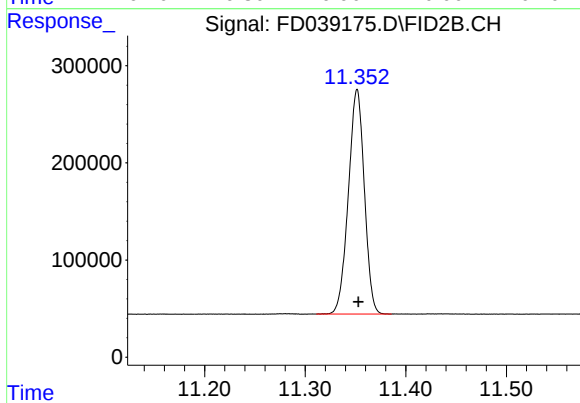
#6 n-Tetradecane (C14)

R.T.: 8.314 min  
Delta R.T.: -0.003 min  
Response: 2596878  
Conc: 20.01 ug/ml



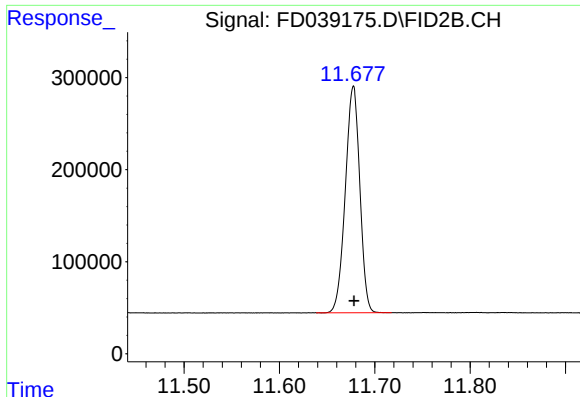
#7 n-Hexadecane (C16)

R.T.: 9.913 min  
Delta R.T.: -0.001 min  
Response: 2557464  
Conc: 19.61 ug/ml



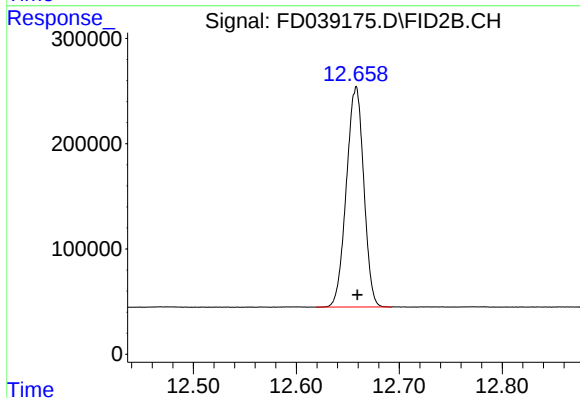
#8 n-Octadecane (C18)

R.T.: 11.352 min  
Delta R.T.: -0.001 min  
Response: 2550307  
Conc: 19.07 ug/ml



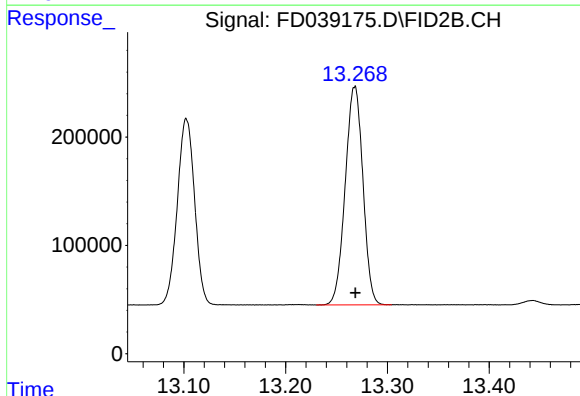
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min  
Delta R.T.: 0.000 min  
Response: 2604232  
Conc: 18.35 ug/ml



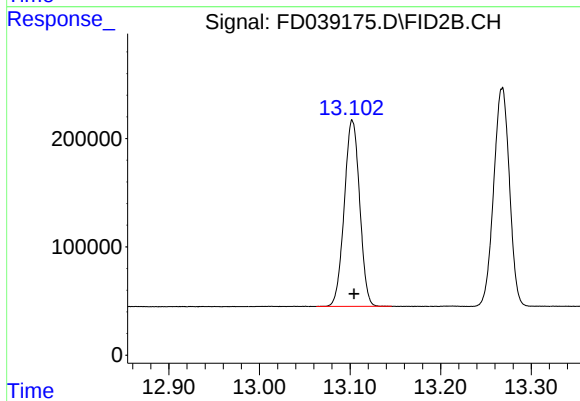
#10 n-Eicosane (C20)

R.T.: 12.658 min  
Delta R.T.: -0.001 min  
Response: 2457001  
Conc: 18.53 ug/ml



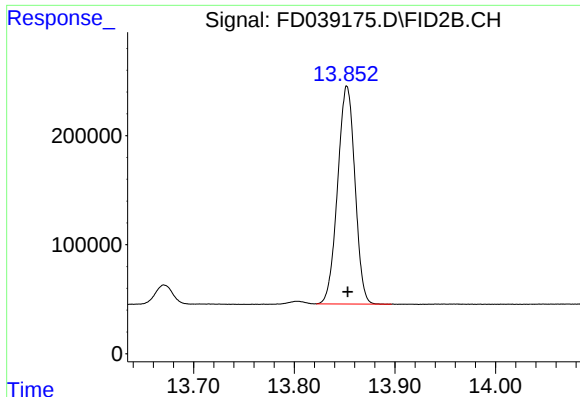
#11 n-Heneicosane (C21)

R.T.: 13.268 min  
Delta R.T.: 0.000 min  
Response: 2431610  
Conc: 18.16 ug/ml



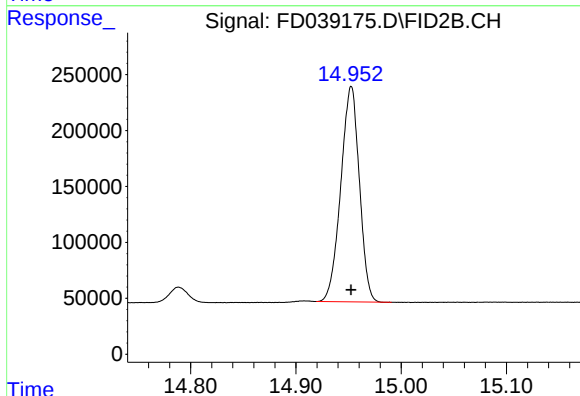
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min  
Delta R.T.: -0.002 min  
Response: 2028726  
Conc: 18.04 ug/ml



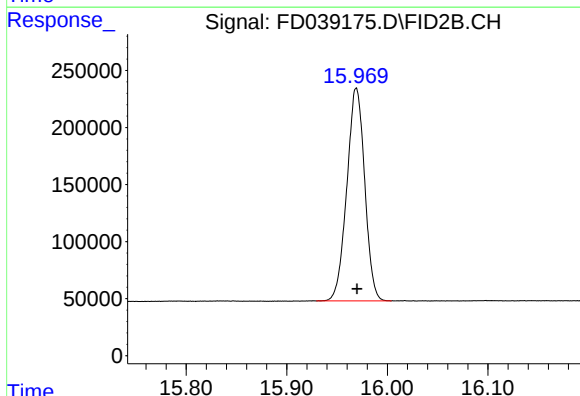
#13 n-Docosane (C22)

R.T.: 13.852 min  
Delta R.T.: 0.000 min  
Response: 2387893  
Conc: 18.00 ug/ml



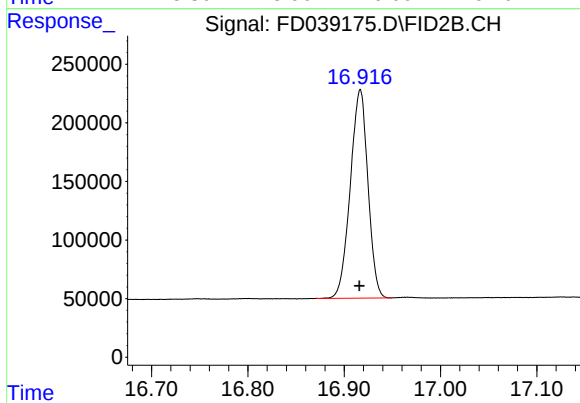
#14 n-Tetracosane (C24)

R.T.: 14.953 min  
Delta R.T.: 0.000 min  
Response: 2366545  
Conc: 17.86 ug/ml



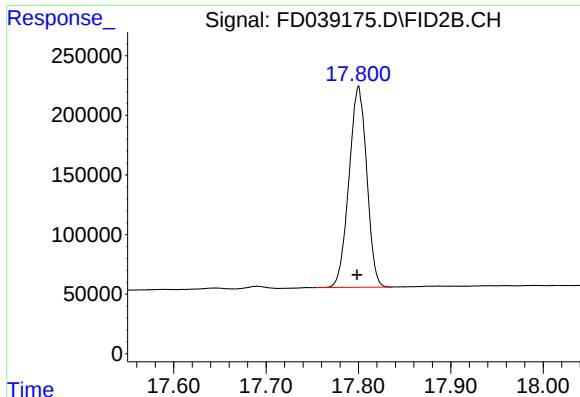
#15 n-Hexacosane (C26)

R.T.: 15.969 min  
Delta R.T.: 0.000 min  
Response: 2303284  
Conc: 17.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.917 min  
Delta R.T.: 0.000 min  
Response: 2260767  
Conc: 17.93 ug/ml



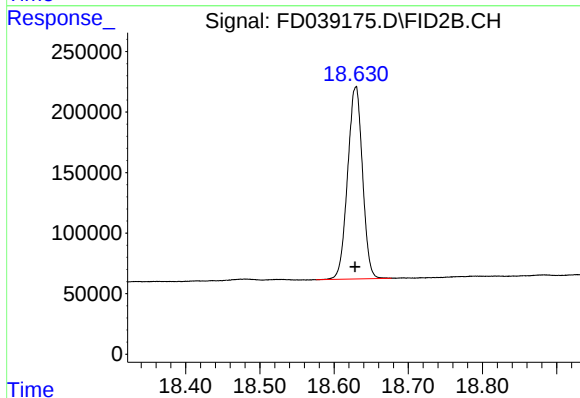
#17 n-Tricontane (C30)

R.T.: 17.800 min

Delta R.T.: 0.001 min

Response: 2249575

Conc: 18.44 ug/ml



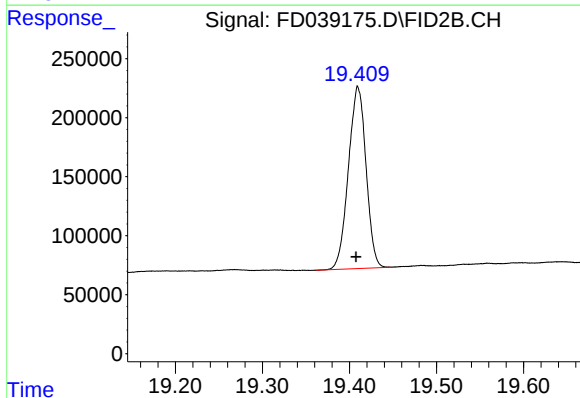
#18 n-Dotriacontane (C32)

R.T.: 18.629 min

Delta R.T.: 0.000 min

Response: 2209069

Conc: 19.05 ug/ml



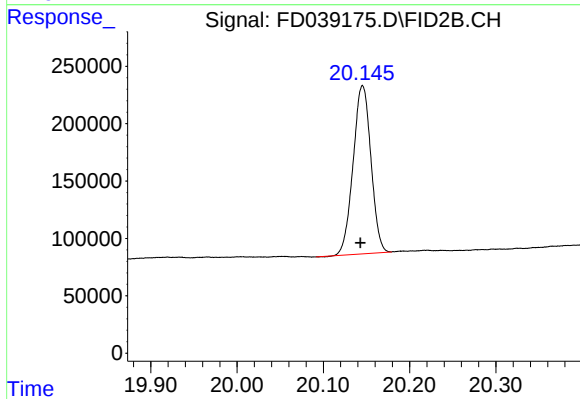
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min

Delta R.T.: 0.002 min

Response: 2165761

Conc: 20.06 ug/ml



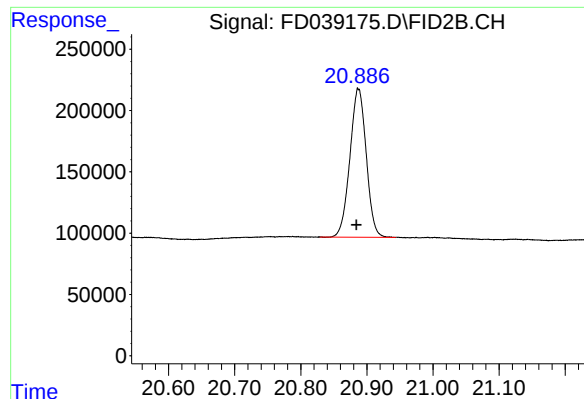
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min

Delta R.T.: 0.003 min

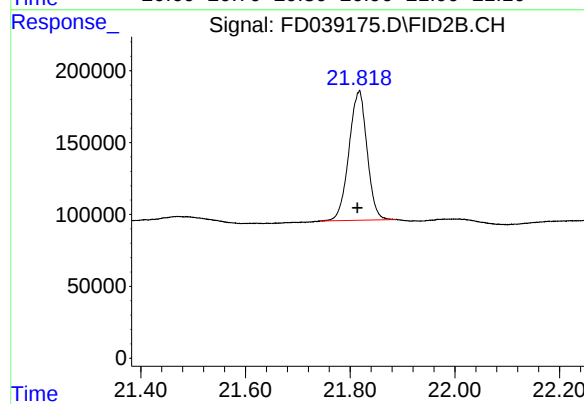
Response: 2100959

Conc: 21.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min  
Delta R.T.: 0.003 min  
Response: 2080205  
Conc: 23.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.818 min  
Delta R.T.: 0.004 min  
Response: 2156345  
Conc: 24.48 ug/ml