

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012221AL\  
 Data File : FD036158.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Jan 2021 22:17  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 22 23:03:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 011121.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 12 02:11:59 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)    | 11.523 | 2843051    | 19.179 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.36%       |
| 12) S 1-chlorooctadecane (S... | 12.954 | 2213659    | 18.819 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.64%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.311  | 2753016    | 21.355 ug/ml |
| 2) T n-Decane (C10)            | 4.375  | 2792388    | 21.460 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.953  | 3111654    | 21.247 ug/ml |
| 4) T n-Dodecane (C12)          | 6.388  | 2849126    | 21.425 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.006  | 3159970    | 21.039 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.177  | 2822771    | 21.124 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.772  | 2718359    | 20.540 ug/ml |
| 8) T n-Octadecane (C18)        | 11.208 | 2746970    | 19.965 ug/ml |
| 10) T n-Eicosane (C20)         | 12.513 | 2664791    | 19.286 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.123 | 2611228    | 18.896 ug/ml |
| 13) T n-Docosane (C22)         | 13.706 | 2556951    | 18.624 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.804 | 2448634    | 18.012 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.820 | 2331837    | 17.565 ug/ml |
| 16) T n-Octacosane (C28)       | 16.765 | 2247236    | 17.369 ug/ml |
| 17) T n-Tricontane (C30)       | 17.647 | 2174677    | 17.638 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.474 | 2025203    | 18.375 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.254 | 1915052    | 19.318 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.989 | 1821529    | 20.252 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.703 | 1764259    | 21.235 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.566 | 1938397    | 23.047 ug/ml |
| -----                          |        |            |              |

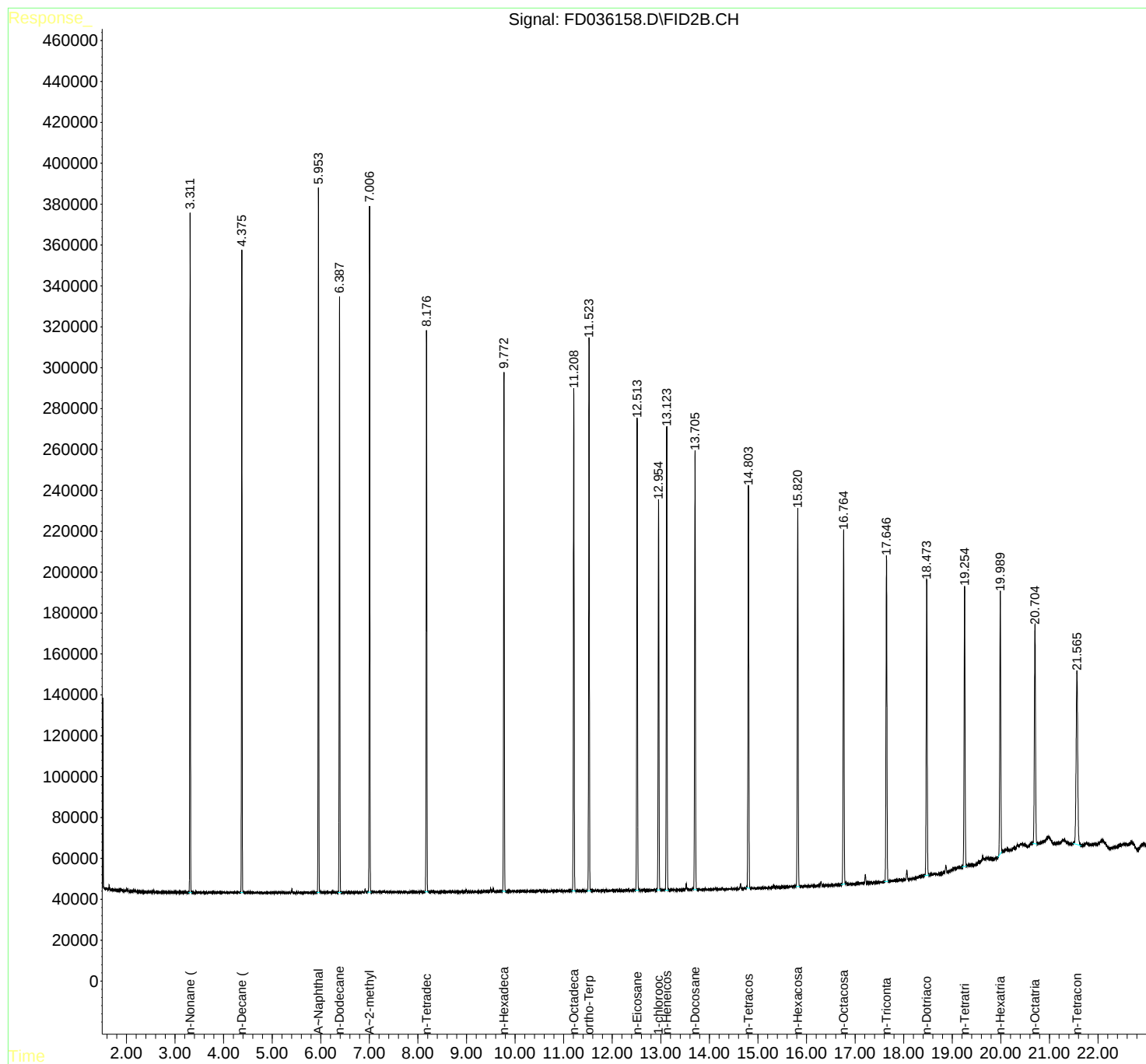
(f)=RT Delta > 1/2 Window

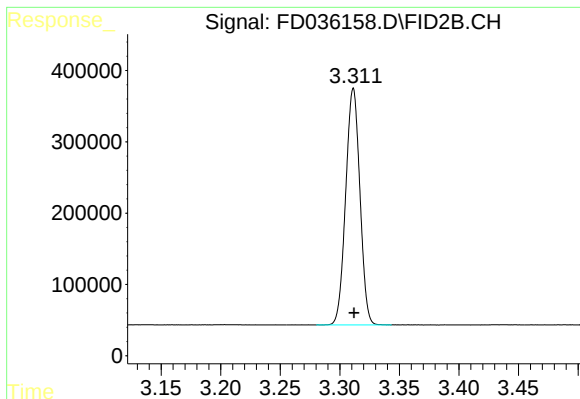
(m)=manual int.

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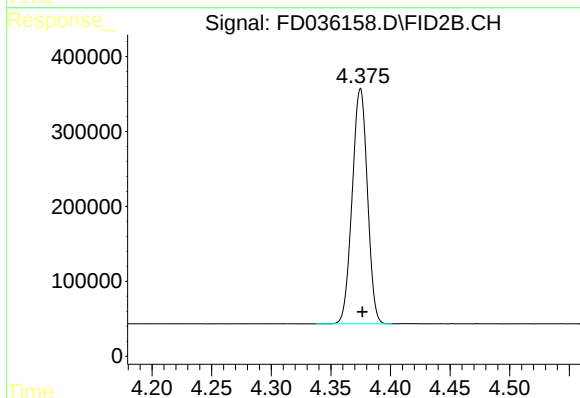
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





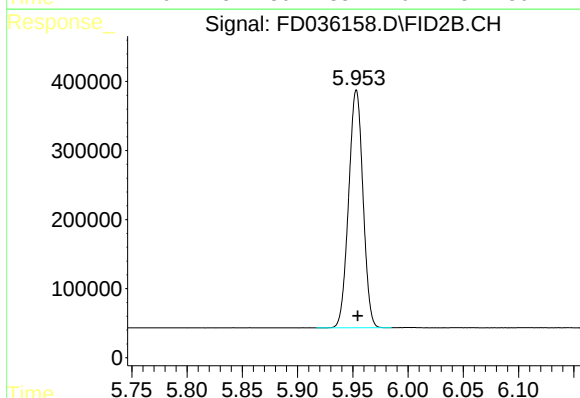
#1 n-Nonane (C9)

R.T.: 3.311 min  
Delta R.T.: 0.000 min  
Response: 2753016  
Conc: 21.36 ug/ml



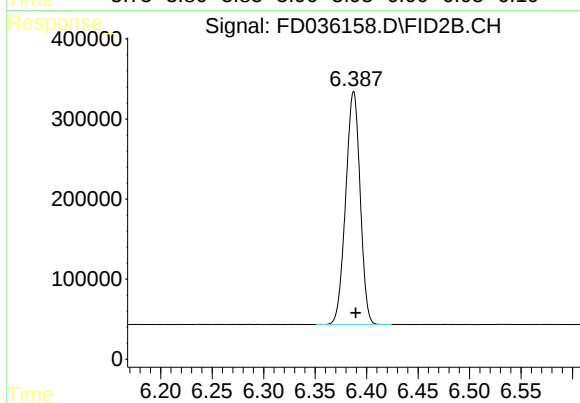
#2 n-Decane (C10)

R.T.: 4.375 min  
Delta R.T.: -0.002 min  
Response: 2792388  
Conc: 21.46 ug/ml



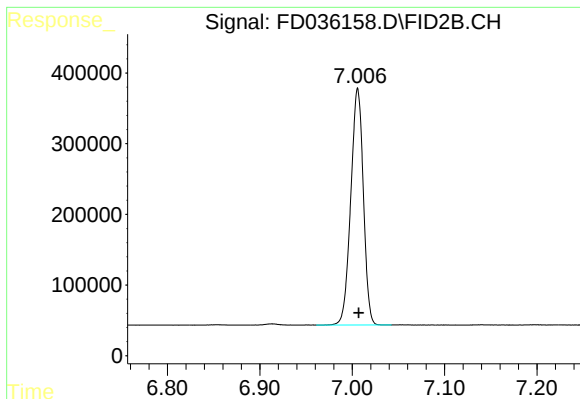
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min  
Delta R.T.: -0.001 min  
Response: 3111654  
Conc: 21.25 ug/ml



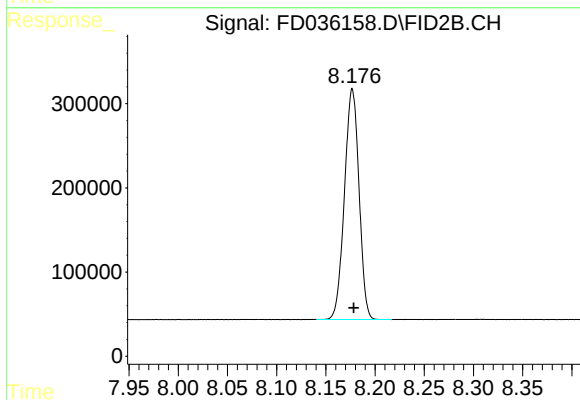
#4 n-Dodecane (C12)

R.T.: 6.388 min  
Delta R.T.: -0.002 min  
Response: 2849126  
Conc: 21.43 ug/ml



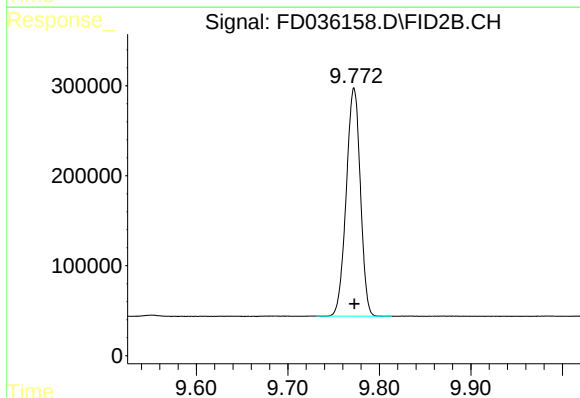
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min  
Delta R.T.: -0.001 min  
Response: 3159970  
Conc: 21.04 ug/ml



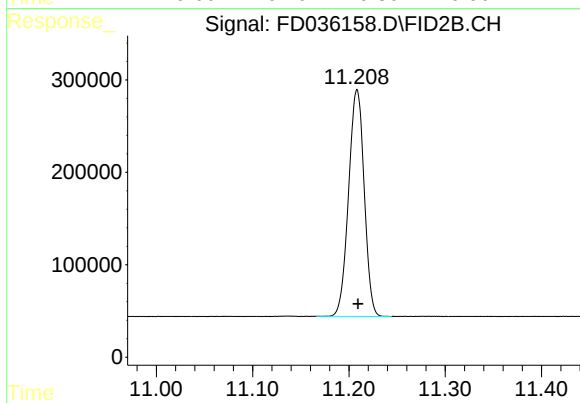
#6 n-Tetradecane (C14)

R.T.: 8.177 min  
Delta R.T.: -0.001 min  
Response: 2822771  
Conc: 21.12 ug/ml



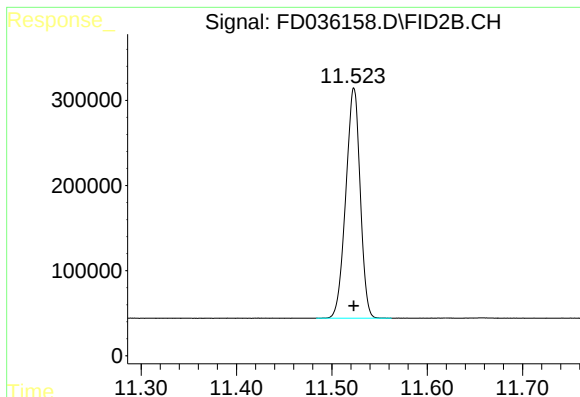
#7 n-Hexadecane (C16)

R.T.: 9.772 min  
Delta R.T.: 0.000 min  
Response: 2718359  
Conc: 20.54 ug/ml



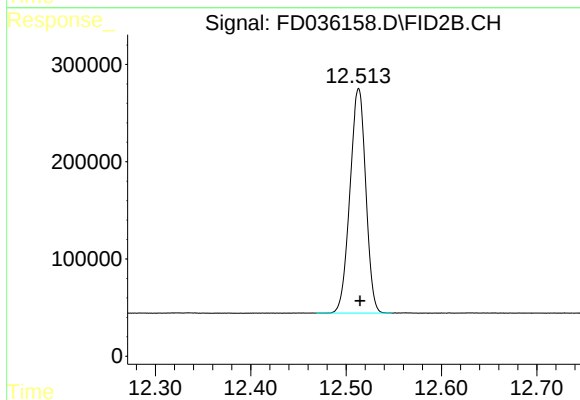
#8 n-Octadecane (C18)

R.T.: 11.208 min  
Delta R.T.: -0.001 min  
Response: 2746970  
Conc: 19.96 ug/ml



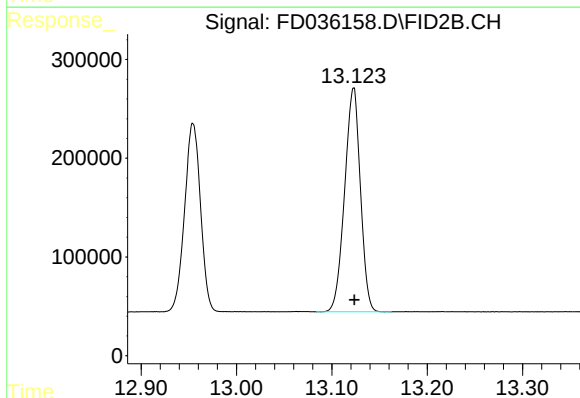
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min  
Delta R.T.: 0.000 min  
Response: 2843051  
Conc: 19.18 ug/ml



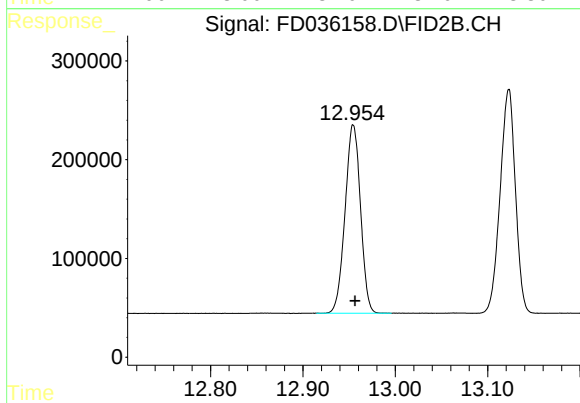
#10 n-Eicosane (C20)

R.T.: 12.513 min  
Delta R.T.: -0.001 min  
Response: 2664791  
Conc: 19.29 ug/ml



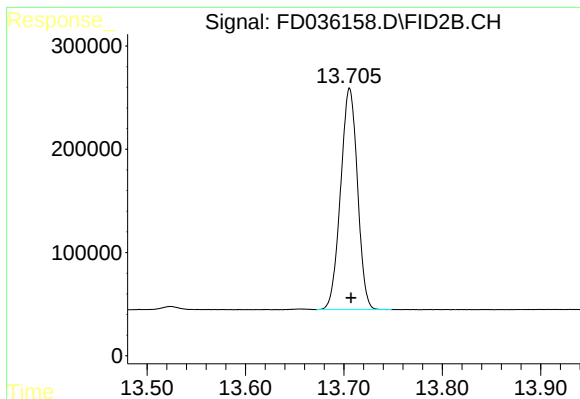
#11 n-Heneicosane (C21)

R.T.: 13.123 min  
Delta R.T.: 0.000 min  
Response: 2611228  
Conc: 18.90 ug/ml



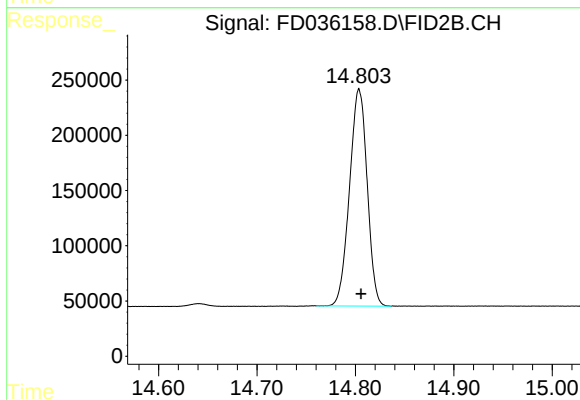
#12 1-chlorooctadecane (SURR)

R.T.: 12.954 min  
Delta R.T.: -0.002 min  
Response: 2213659  
Conc: 18.82 ug/ml



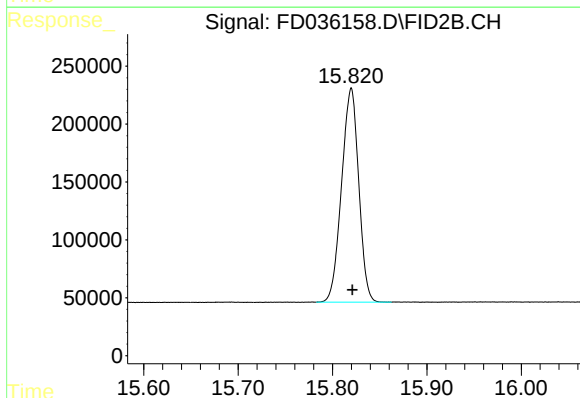
#13 n-Docosane (C22)

R.T.: 13.706 min  
Delta R.T.: -0.001 min  
Response: 2556951  
Conc: 18.62 ug/ml



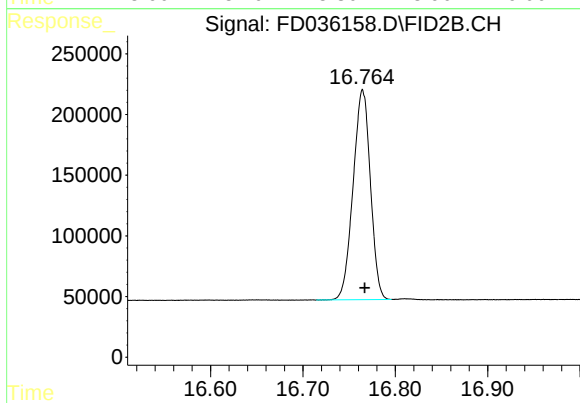
#14 n-Tetracosane (C24)

R.T.: 14.804 min  
Delta R.T.: -0.002 min  
Response: 2448634  
Conc: 18.01 ug/ml



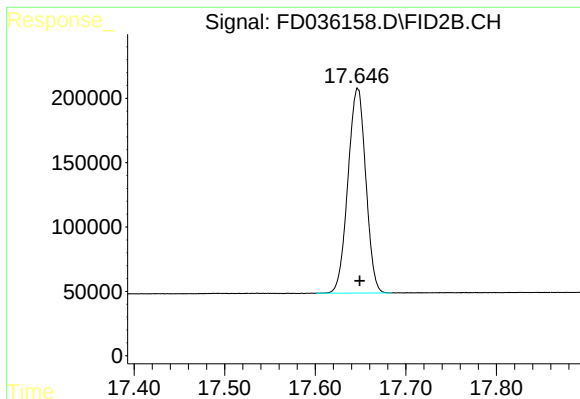
#15 n-Hexacosane (C26)

R.T.: 15.820 min  
Delta R.T.: -0.001 min  
Response: 2331837  
Conc: 17.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min  
Delta R.T.: -0.002 min  
Response: 2247236  
Conc: 17.37 ug/ml



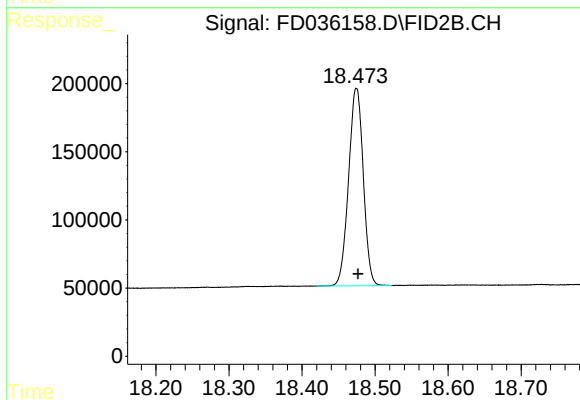
#17 n-Tricontane (C30)

R.T.: 17.647 min

Delta R.T.: -0.002 min

Response: 2174677

Conc: 17.64 ug/ml



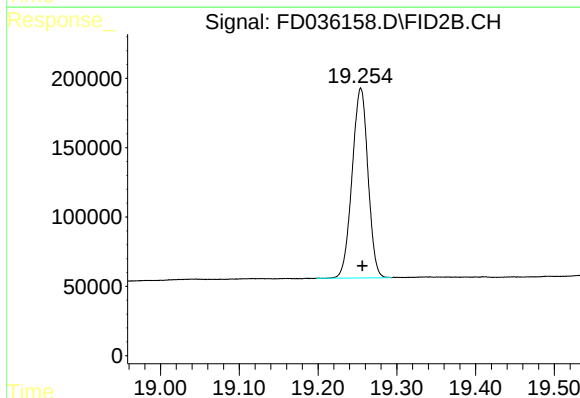
#18 n-Dotriacontane (C32)

R.T.: 18.474 min

Delta R.T.: -0.003 min

Response: 2025203

Conc: 18.37 ug/ml



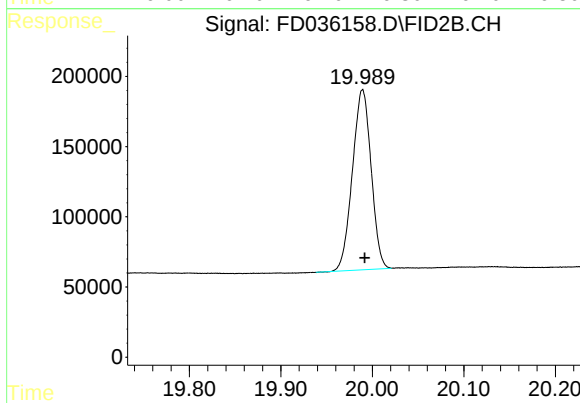
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min

Delta R.T.: -0.002 min

Response: 1915052

Conc: 19.32 ug/ml



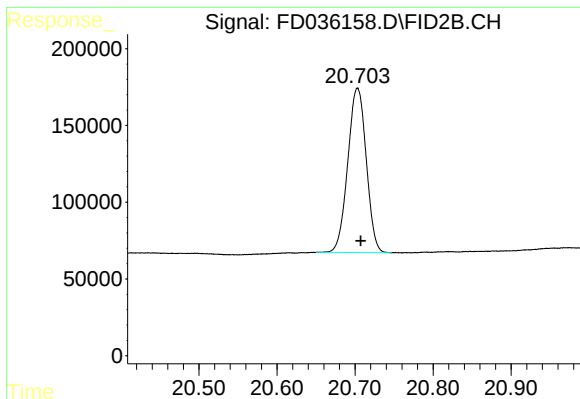
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min

Delta R.T.: -0.002 min

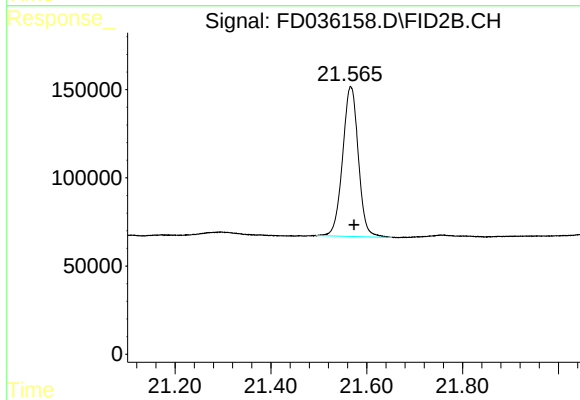
Response: 1821529

Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min  
Delta R.T.: -0.004 min  
Response: 1764259  
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.566 min  
Delta R.T.: -0.007 min  
Response: 1938397  
Conc: 23.05 ug/ml