

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101419AL\  
 Data File : FD031001.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Oct 2019 4:48  
 Operator : DD\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 15 07:41:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 07:37:19 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)    | 11.439 | 1313648    | 10.391 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.78%       |
| 12) S 1-chlorooctadecane (S... | 12.868 | 978980     | 10.306 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.271  | 1073236    | 10.084 ug/ml |
| 2) T n-Decane (C10)            | 4.327  | 1080661    | 10.116 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.897  | 1163134    | 9.848 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.328  | 1104657    | 10.167 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.946  | 1167026    | 9.934 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.110  | 1118388    | 10.264 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.698  | 1111531    | 10.142 ug/ml |
| 8) T n-Octadecane (C18)        | 11.128 | 1142485    | 10.320 ug/ml |
| 10) T n-Eicosane (C20)         | 12.427 | 1144809    | 10.337 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.033 | 1152178    | 10.347 ug/ml |
| 13) T n-Docosane (C22)         | 13.615 | 1144749    | 10.329 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.709 | 1144006    | 10.297 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.720 | 1133089    | 10.312 ug/ml |
| 16) T n-Octacosane (C28)       | 16.662 | 1122631    | 10.294 ug/ml |
| 17) T n-Tricontane (C30)       | 17.541 | 1115434    | 10.308 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.366 | 1081069    | 10.310 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.142 | 1022983    | 10.144 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.874 | 950991     | 10.005 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.575 | 903538     | 10.180 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.405 | 952986     | 10.600 ug/ml |
| -----                          |        |            |              |

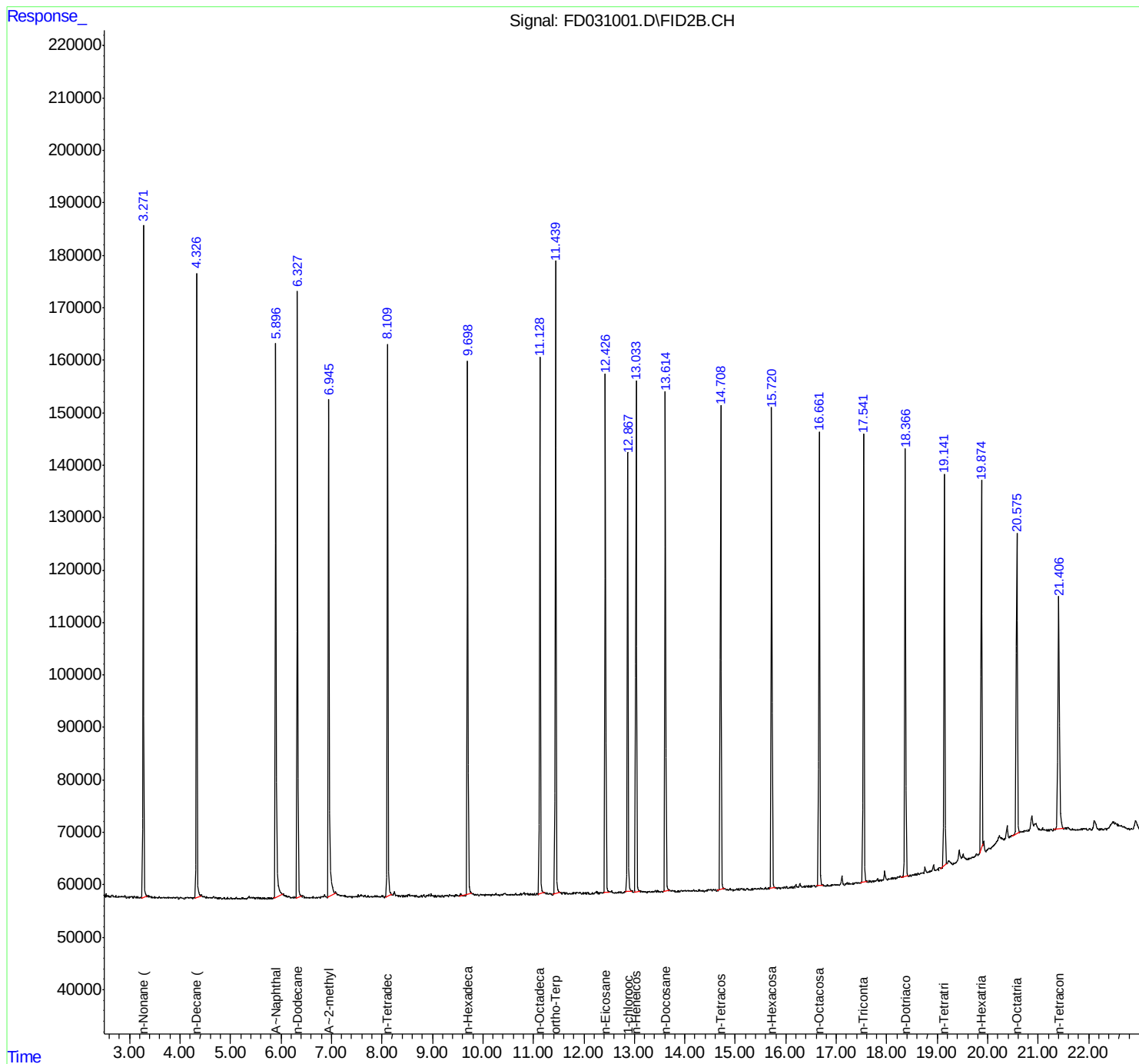
(f)=RT Delta > 1/2 Window

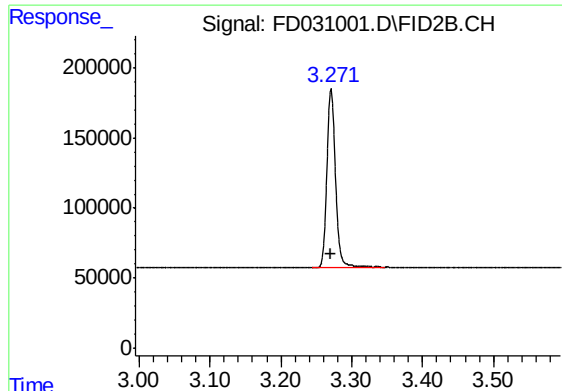
(m)=manual int.

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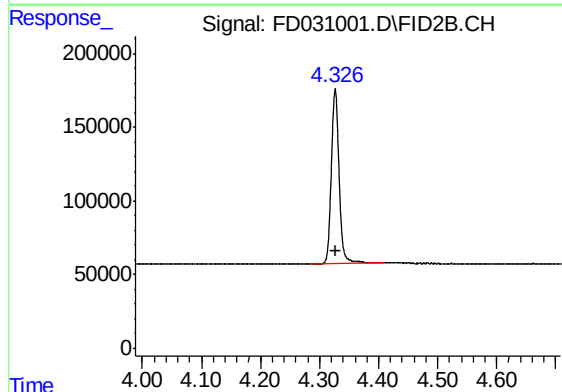
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





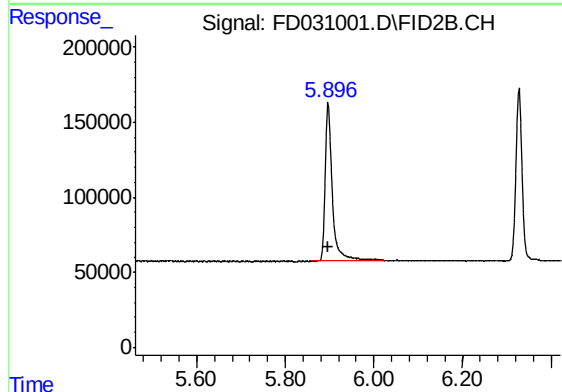
#1 n-Nonane (C9)

R.T.: 3.271 min  
Delta R.T.: 0.000 min  
Response: 1073236  
Conc: 10.08 ug/ml



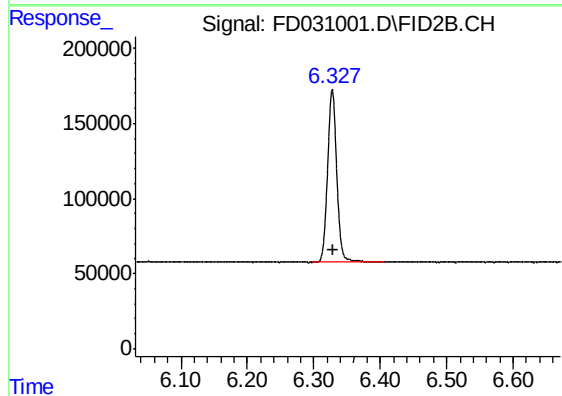
#2 n-Decane (C10)

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 1080661  
Conc: 10.12 ug/ml



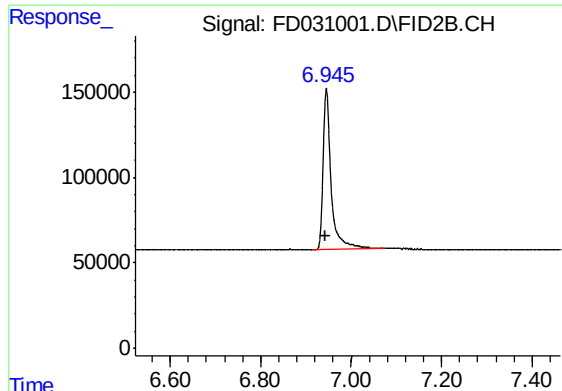
#3 A~Naphthalene (C11.7)

R.T.: 5.897 min  
Delta R.T.: 0.001 min  
Response: 1163134  
Conc: 9.85 ug/ml



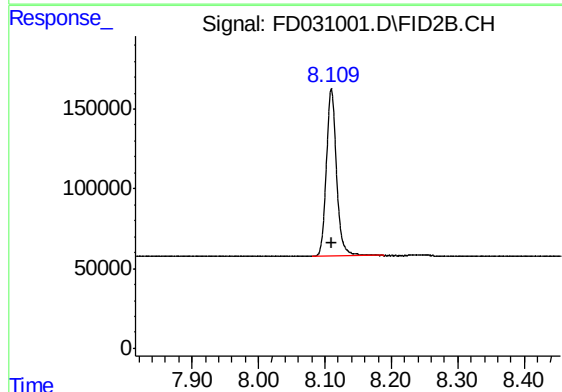
#4 n-Dodecane (C12)

R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 1104657  
Conc: 10.17 ug/ml



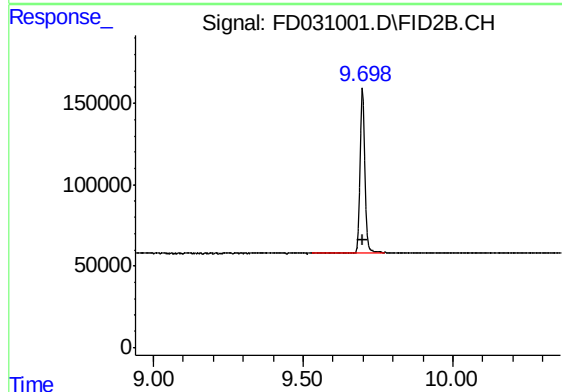
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 1167026  
Conc: 9.93 ug/ml



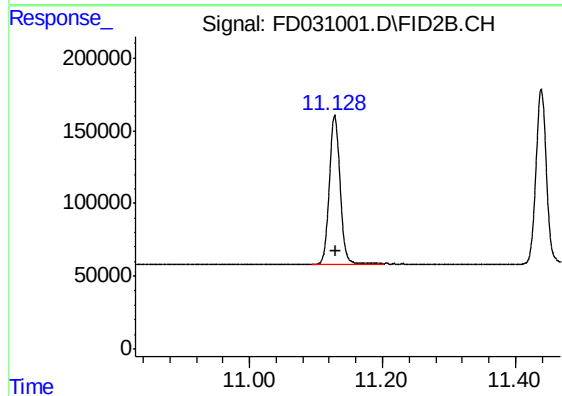
#6 n-Tetradecane (C14)

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 1118388  
Conc: 10.26 ug/ml



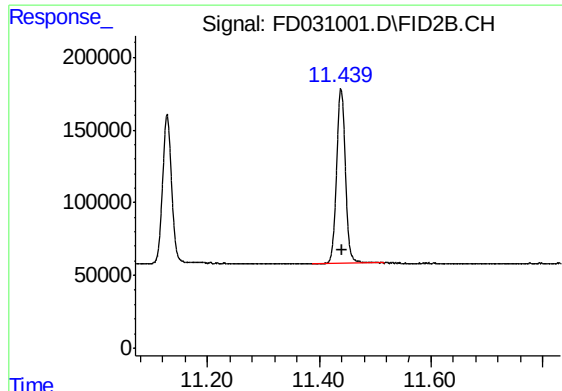
#7 n-Hexadecane (C16)

R.T.: 9.698 min  
Delta R.T.: 0.000 min  
Response: 1111531  
Conc: 10.14 ug/ml



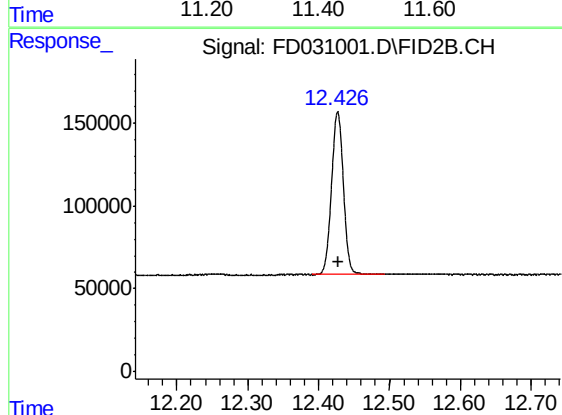
#8 n-Octadecane (C18)

R.T.: 11.128 min  
Delta R.T.: -0.001 min  
Response: 1142485  
Conc: 10.32 ug/ml



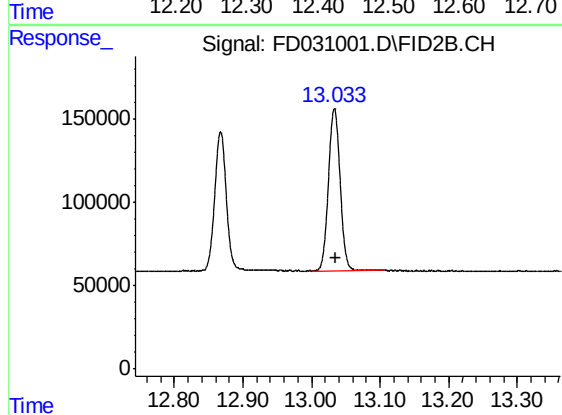
#9 ortho-Terphenyl (SURR)

R.T.: 11.439 min  
Delta R.T.: 0.000 min  
Response: 1313648  
Conc: 10.39 ug/ml



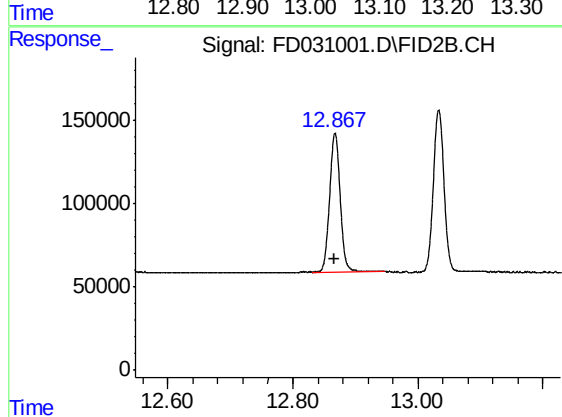
#10 n-Eicosane (C20)

R.T.: 12.427 min  
Delta R.T.: 0.000 min  
Response: 1144809  
Conc: 10.34 ug/ml



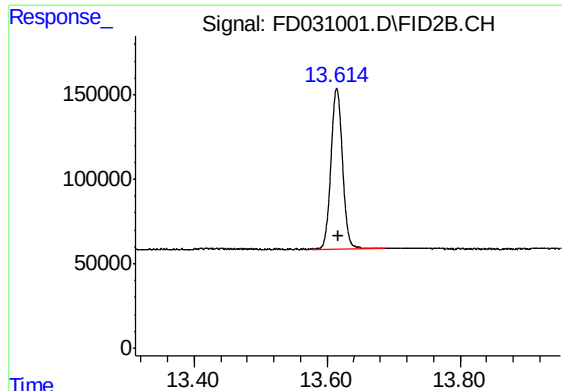
#11 n-Heneicosane (C21)

R.T.: 13.033 min  
Delta R.T.: -0.001 min  
Response: 1152178  
Conc: 10.35 ug/ml



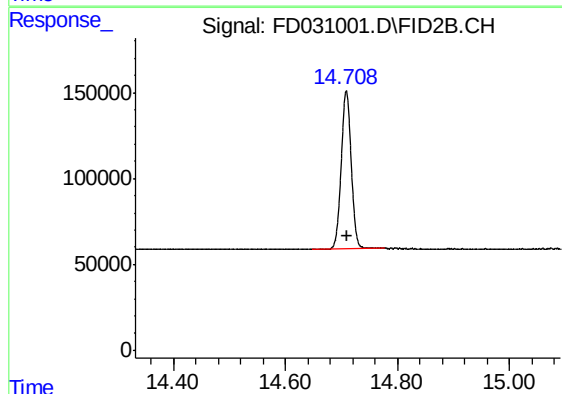
#12 1-chlorooctadecane (SURR)

R.T.: 12.868 min  
Delta R.T.: 0.000 min  
Response: 978980  
Conc: 10.31 ug/ml



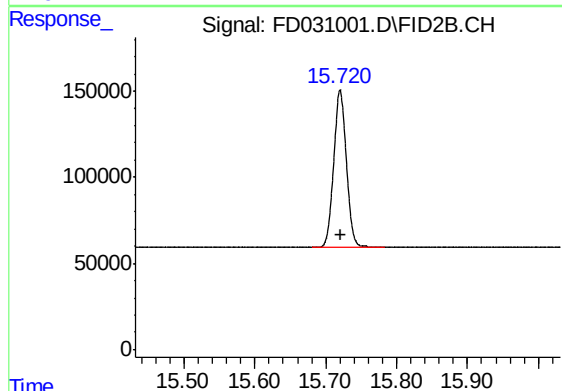
#13 n-Docosane (C22)

R.T.: 13.615 min  
Delta R.T.: -0.002 min  
Response: 1144749  
Conc: 10.33 ug/ml



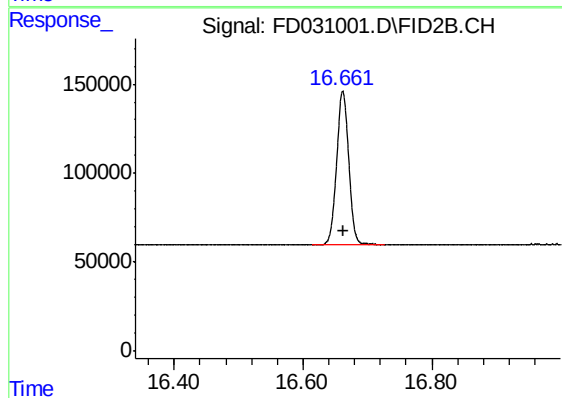
#14 n-Tetracosane (C24)

R.T.: 14.709 min  
Delta R.T.: -0.002 min  
Response: 1144006  
Conc: 10.30 ug/ml



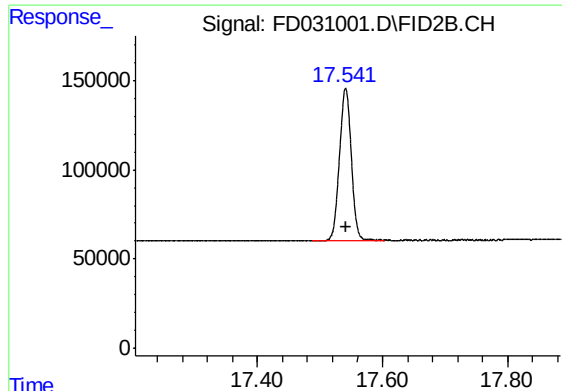
#15 n-Hexacosane (C26)

R.T.: 15.720 min  
Delta R.T.: -0.002 min  
Response: 1133089  
Conc: 10.31 ug/ml



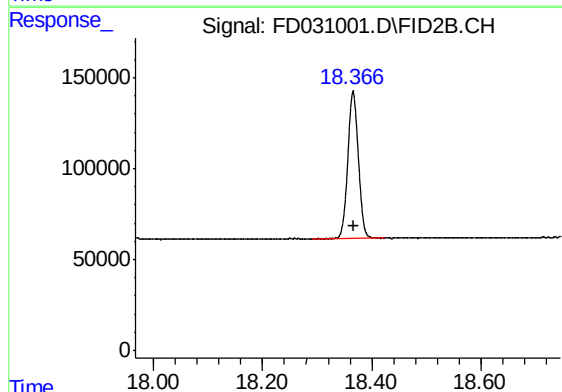
#16 n-Octacosane (C28)

R.T.: 16.662 min  
Delta R.T.: -0.002 min  
Response: 1122631  
Conc: 10.29 ug/ml



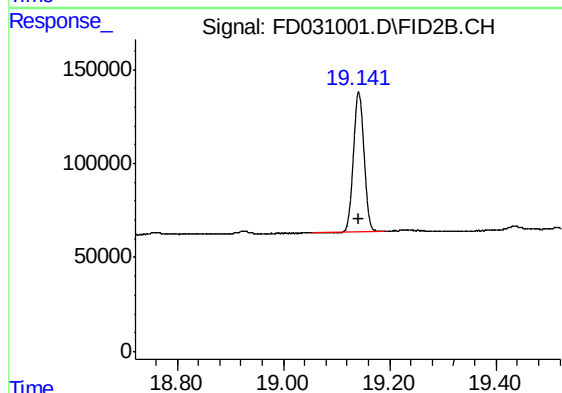
#17 n-Tricontane (C30)

R.T.: 17.541 min  
Delta R.T.: -0.001 min  
Response: 1115434  
Conc: 10.31 ug/ml



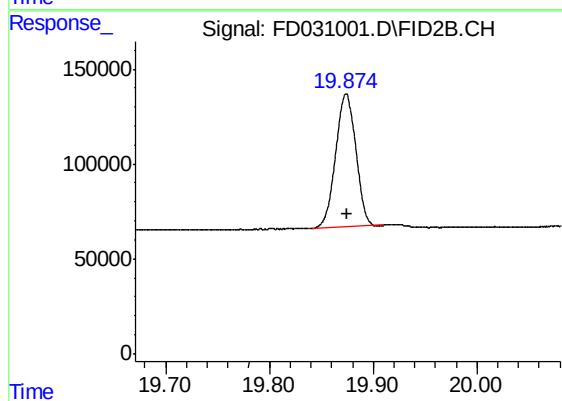
#18 n-Dotriacontane (C32)

R.T.: 18.366 min  
Delta R.T.: -0.001 min  
Response: 1081069  
Conc: 10.31 ug/ml



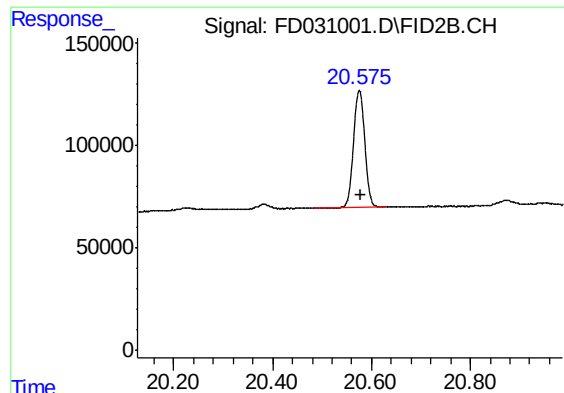
#19 n-Tetatriacontane (C34)

R.T.: 19.142 min  
Delta R.T.: 0.000 min  
Response: 1022983  
Conc: 10.14 ug/ml



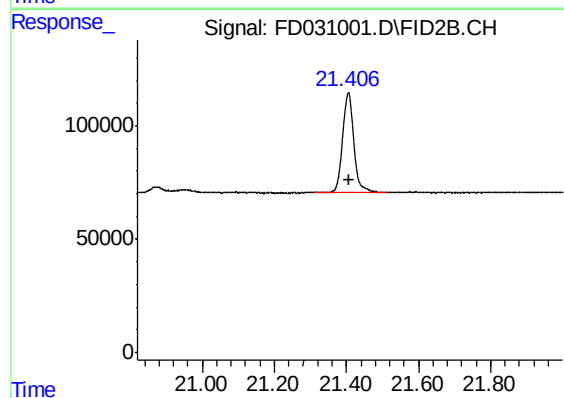
#20 n-Hexatriacontane (C36)

R.T.: 19.874 min  
Delta R.T.: 0.000 min  
Response: 950991  
Conc: 10.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.575 min  
Delta R.T.: -0.002 min  
Response: 903538  
Conc: 10.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.405 min  
Delta R.T.: 0.000 min  
Response: 952986  
Conc: 10.60 ug/ml