

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111518AL\  
 Data File : FD026661.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Nov 2018 22:44  
 Operator : AJ\SJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 16 08:34:31 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 111518.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 16 08:32:26 2018  
 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)    | 11.281 | 432139     | 5.288 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 10.58%       |
| 12) S 1-chlorooctadecane (S... | 12.726 | 308704     | 5.342 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 10.68%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.099  | 410916     | 5.403 ug/ml  |
| 2) T n-Decane (C10)            | 4.161  | 410242     | 5.400 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.722  | 469997     | 5.350 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.172  | 394028     | 5.337 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.773  | 462603     | 5.320 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.957  | 386734     | 5.328 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.550  | 373821     | 5.327 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.984 | 343816     | 5.165 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.288 | 353943     | 5.367 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.897 | 340297     | 5.258 ug/ml  |
| 13) T n-Docosane (C22)         | 13.481 | 342000     | 5.314 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.578 | 341935     | 5.317 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.594 | 342183     | 5.306 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.540 | 352960     | 5.344 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.423 | 362239     | 5.402 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.251 | 353172     | 5.514 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.031 | 316430     | 5.681 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.767 | 260376     | 5.366 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.467 | 251141     | 5.396 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.263 | 216654     | 5.028 ug/ml  |
| -----                          |        |            |              |

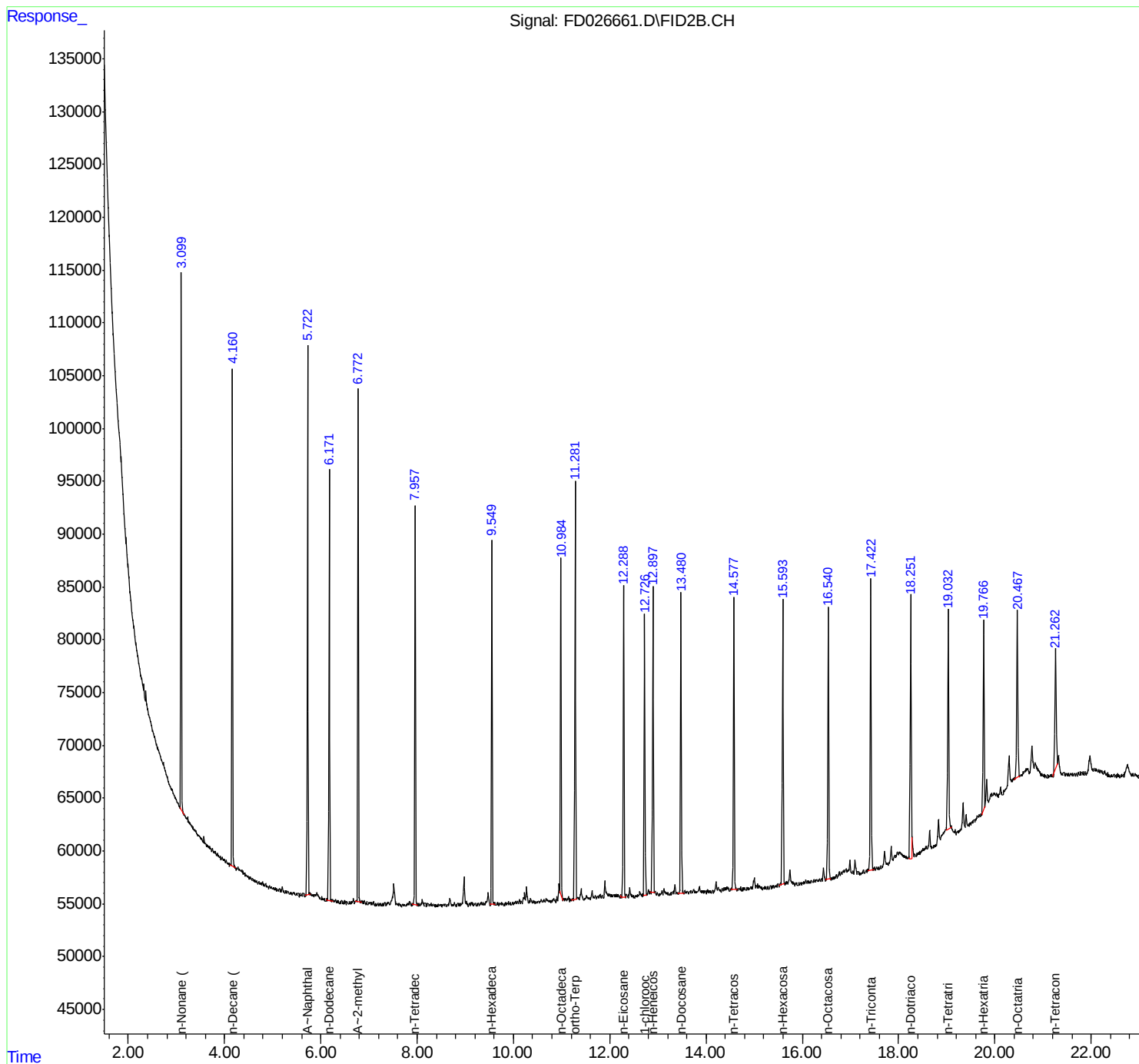
(f)=RT Delta > 1/2 Window

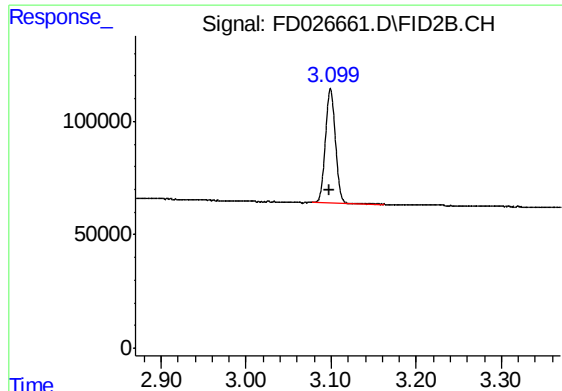
(m)=manual int.

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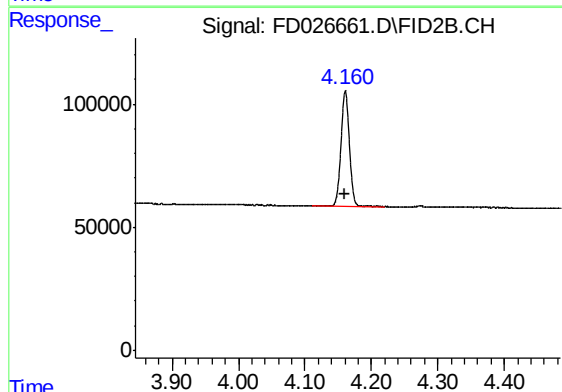
Volume Inj. : 1 ul  
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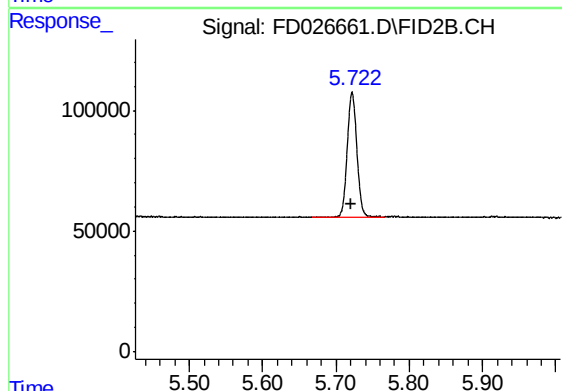
#1 n-Nonane (C9)

R.T.: 3.099 min  
Delta R.T.: 0.001 min  
Response: 410916  
Conc: 5.40 ug/ml



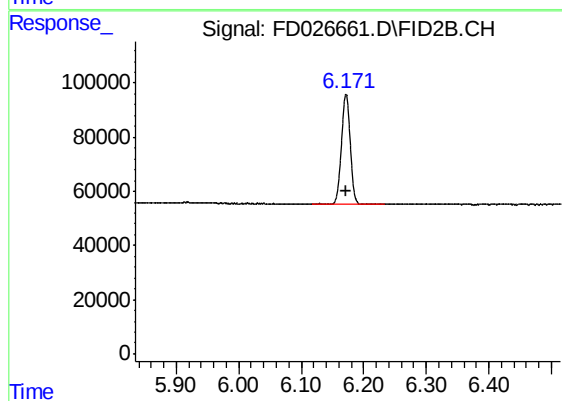
#2 n-Decane (C10)

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 410242  
Conc: 5.40 ug/ml



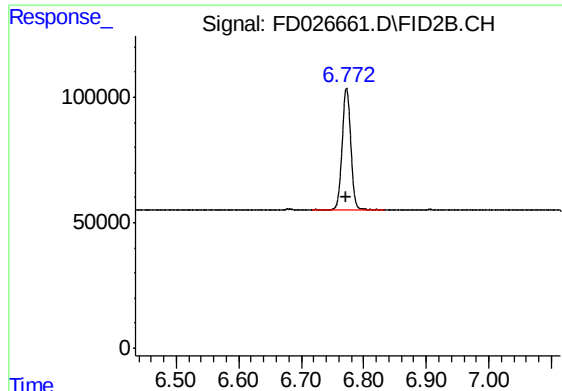
#3 A~Naphthalene (C11.7)

R.T.: 5.722 min  
Delta R.T.: 0.001 min  
Response: 469997  
Conc: 5.35 ug/ml



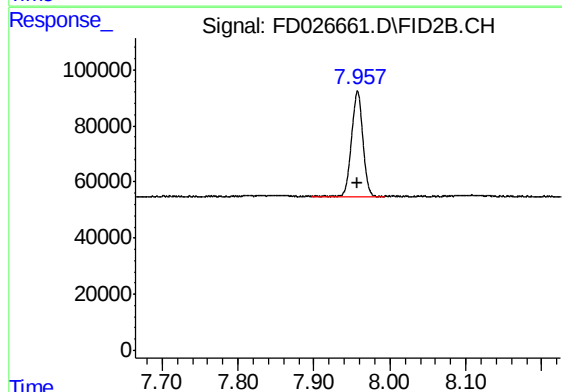
#4 n-Dodecane (C12)

R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 394028  
Conc: 5.34 ug/ml



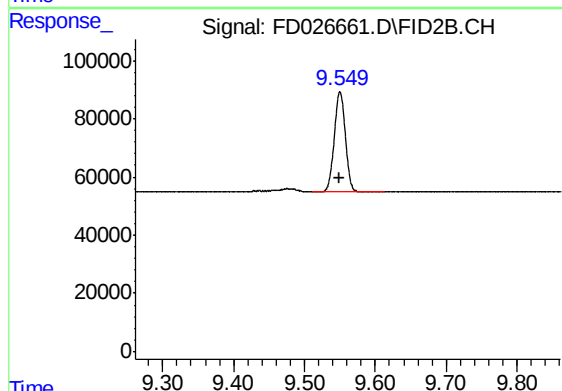
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 462603  
Conc: 5.32 ug/ml



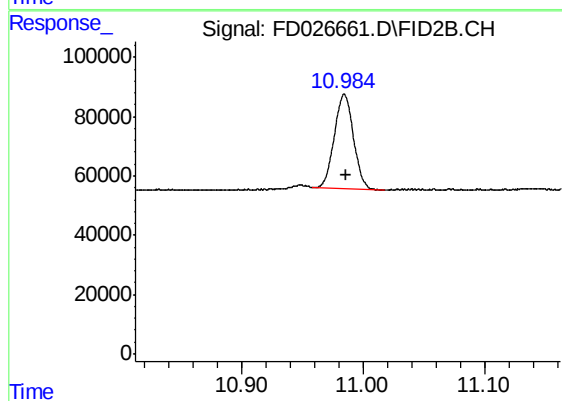
#6 n-Tetradecane (C14)

R.T.: 7.957 min  
Delta R.T.: 0.000 min  
Response: 386734  
Conc: 5.33 ug/ml



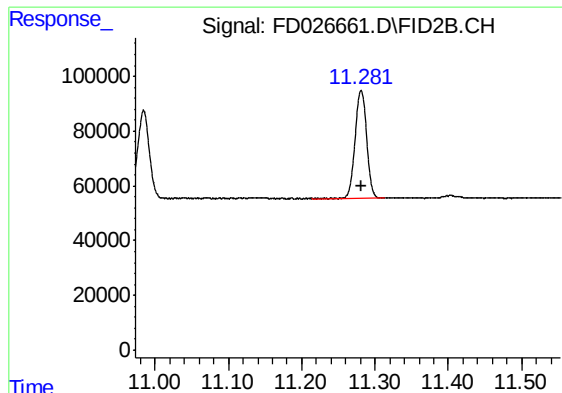
#7 n-Hexadecane (C16)

R.T.: 9.550 min  
Delta R.T.: 0.000 min  
Response: 373821  
Conc: 5.33 ug/ml



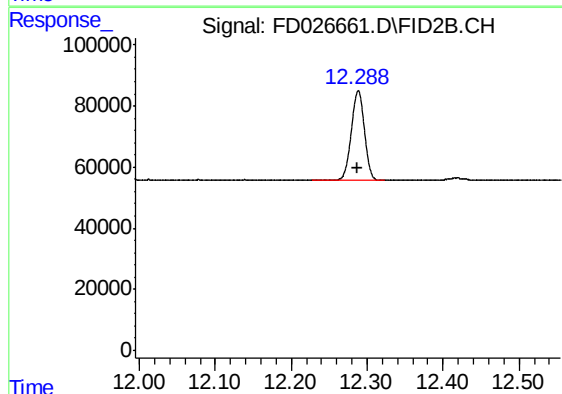
#8 n-Octadecane (C18)

R.T.: 10.984 min  
Delta R.T.: 0.000 min  
Response: 343816  
Conc: 5.17 ug/ml



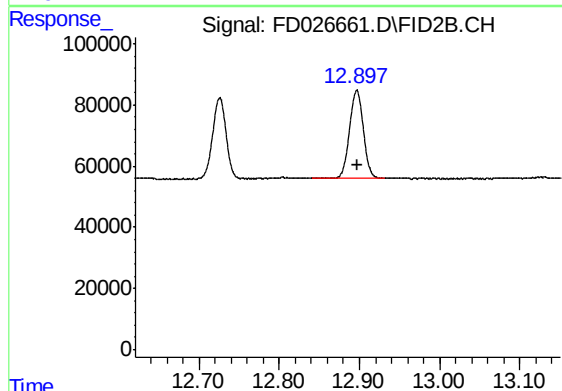
#9 ortho-Terphenyl (SURR)

R.T.: 11.281 min  
Delta R.T.: 0.000 min  
Response: 432139  
Conc: 5.29 ug/ml



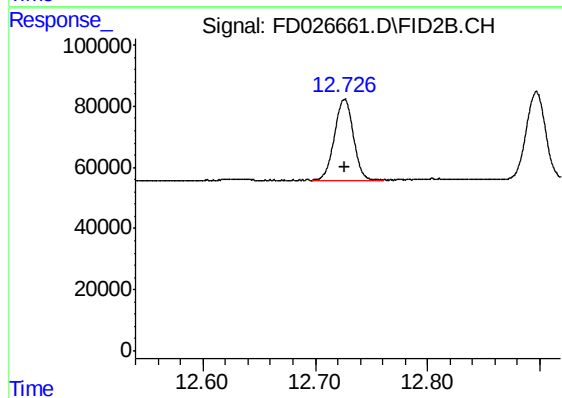
#10 n-Eicosane (C20)

R.T.: 12.288 min  
Delta R.T.: 0.000 min  
Response: 353943  
Conc: 5.37 ug/ml



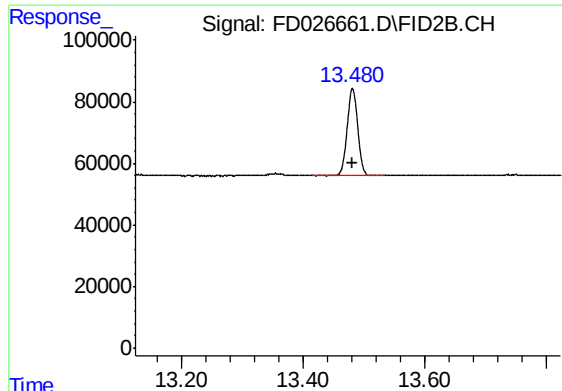
#11 n-Heneicosane (C21)

R.T.: 12.897 min  
Delta R.T.: 0.000 min  
Response: 340297  
Conc: 5.26 ug/ml



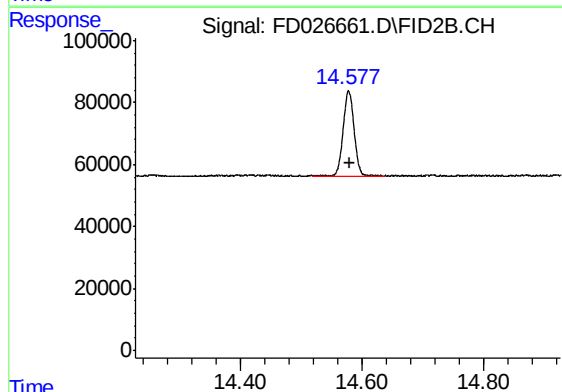
#12 1-chlorooctadecane (SURR)

R.T.: 12.726 min  
Delta R.T.: 0.000 min  
Response: 308704  
Conc: 5.34 ug/ml m



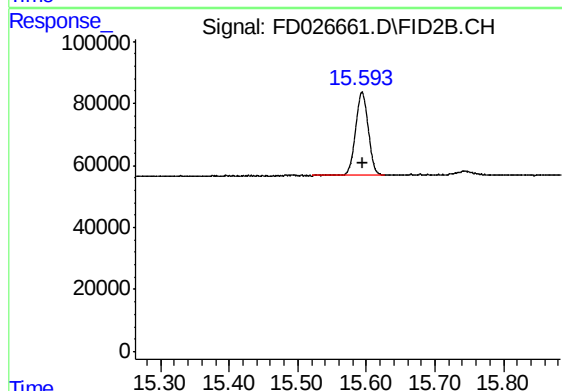
#13 n-Docosane (C22)

R.T.: 13.481 min  
Delta R.T.: 0.000 min  
Response: 342000  
Conc: 5.31 ug/ml



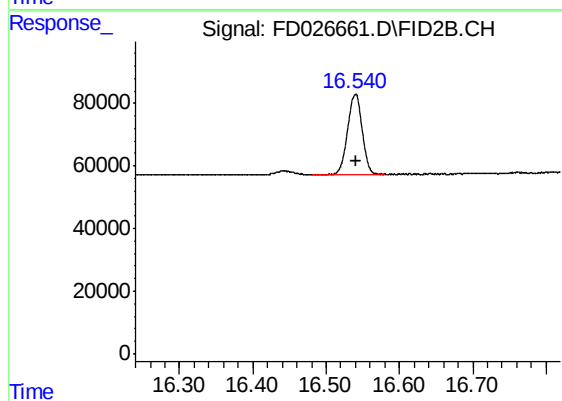
#14 n-Tetracosane (C24)

R.T.: 14.578 min  
Delta R.T.: 0.000 min  
Response: 341935  
Conc: 5.32 ug/ml



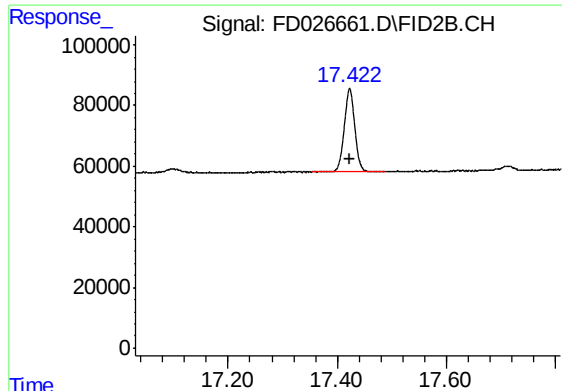
#15 n-Hexacosane (C26)

R.T.: 15.594 min  
Delta R.T.: -0.002 min  
Response: 342183  
Conc: 5.31 ug/ml



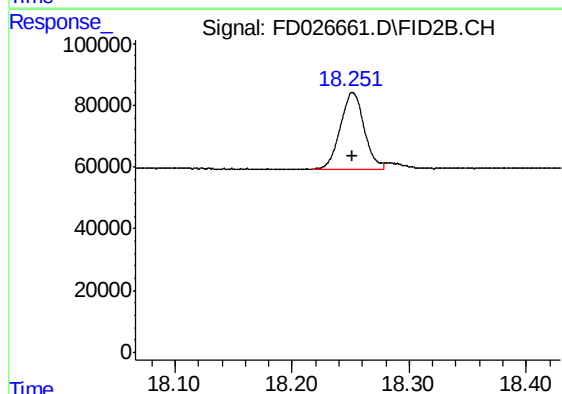
#16 n-Octacosane (C28)

R.T.: 16.540 min  
Delta R.T.: 0.000 min  
Response: 352960  
Conc: 5.34 ug/ml



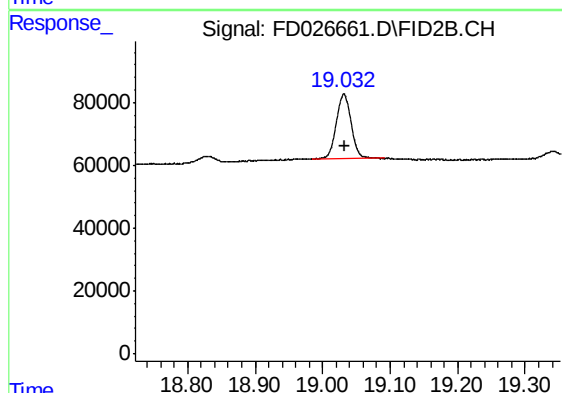
#17 n-Tricontane (C30)

R.T.: 17.423 min  
Delta R.T.: 0.000 min  
Response: 362239  
Conc: 5.40 ug/ml



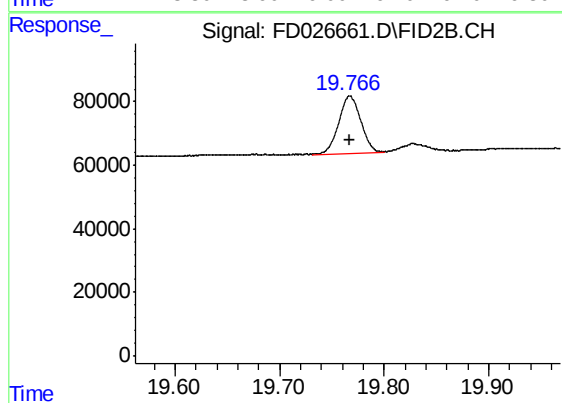
#18 n-Dotriacontane (C32)

R.T.: 18.251 min  
Delta R.T.: -0.001 min  
Response: 353172  
Conc: 5.51 ug/ml m



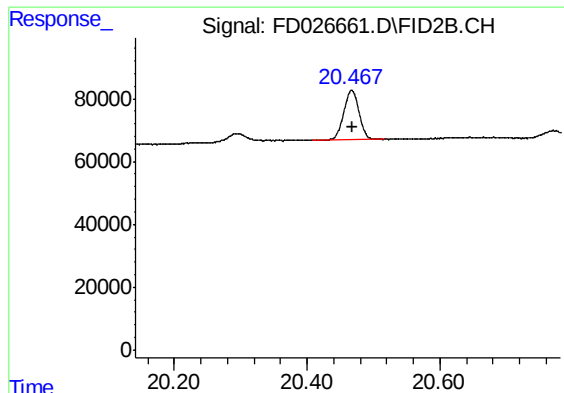
#19 n-Tetratriacontane (C34)

R.T.: 19.031 min  
Delta R.T.: 0.000 min  
Response: 316430  
Conc: 5.68 ug/ml



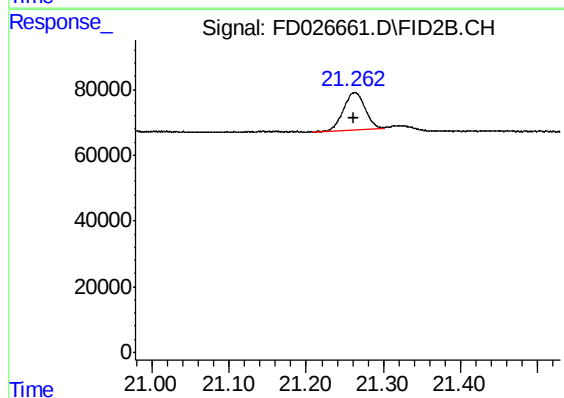
#20 n-Hexatriacontane (C36)

R.T.: 19.767 min  
Delta R.T.: 0.000 min  
Response: 260376  
Conc: 5.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.467 min  
Delta R.T.: 0.000 min  
Response: 251141  
Conc: 5.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.263 min  
Delta R.T.: 0.000 min  
Response: 216654  
Conc: 5.03 ug/ml