

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080922AL\  
 Data File : FC061024.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Aug 2022 09:49  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 10 03:16:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 25 19:40:54 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 10.634 | 3246157    | 19.780 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.56%       |
| 12) S 1-chlorooctadecane (S... | 11.998 | 2610823    | 19.667 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.33%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.632  | 3117646    | 22.136 ug/ml |
| 2) T n-Decane (C10)            | 3.626  | 3141066    | 22.267 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.169  | 3236199    | 22.767 ug/ml |
| 4) T n-Dodecane (C12)          | 5.572  | 3286982    | 22.177 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.192  | 3077757    | 22.441 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.319  | 3256574    | 21.691 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.879  | 3259551    | 21.299 ug/ml |
| 8) T n-Octadecane (C18)        | 10.285 | 3236162    | 20.724 ug/ml |
| 10) T n-Eicosane (C20)         | 11.563 | 3153610    | 20.095 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.160 | 3103116    | 19.832 ug/ml |
| 13) T n-Docosane (C22)         | 12.731 | 3041048    | 19.504 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.807 | 2902141    | 19.009 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.803 | 2773664    | 18.581 ug/ml |
| 16) T n-Octacosane (C28)       | 15.729 | 2669457    | 18.629 ug/ml |
| 17) T n-Tricontane (C30)       | 16.594 | 2684985    | 19.178 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.405 | 2719890    | 20.153 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.169 | 2691340    | 21.459 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.889 | 2761081    | 22.588 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.571 | 2751336    | 23.312 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.218 | 2729814    | 23.718 ug/ml |
| -----                          |        |            |              |

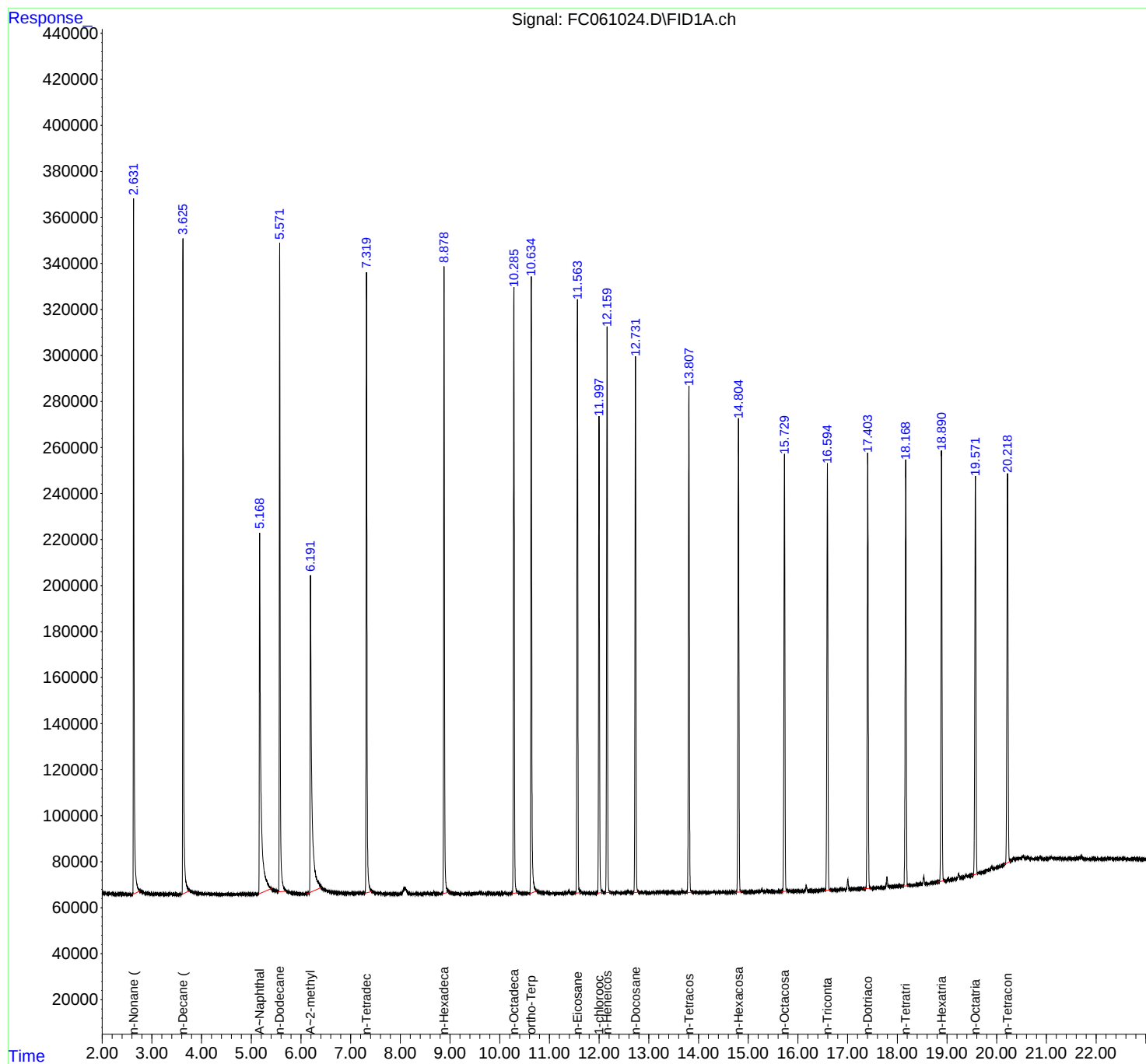
(f)=RT Delta > 1/2 Window

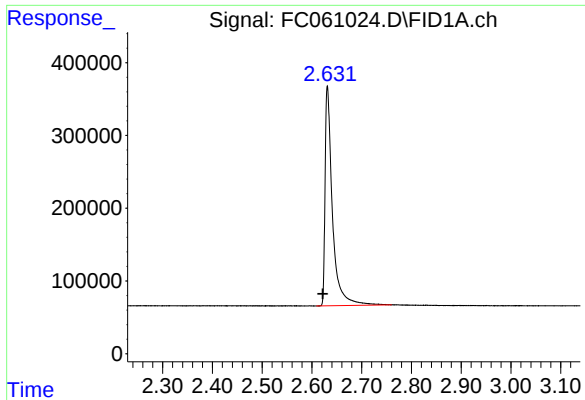
(m)=manual int.

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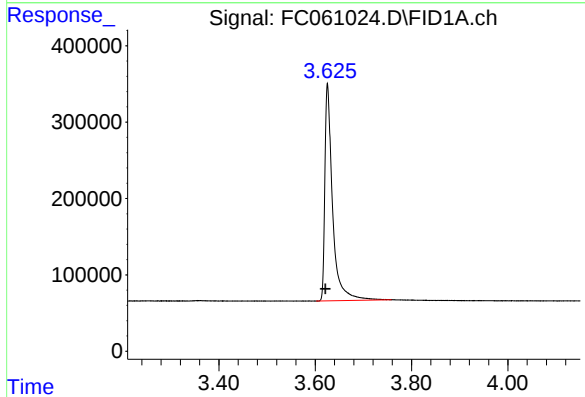
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





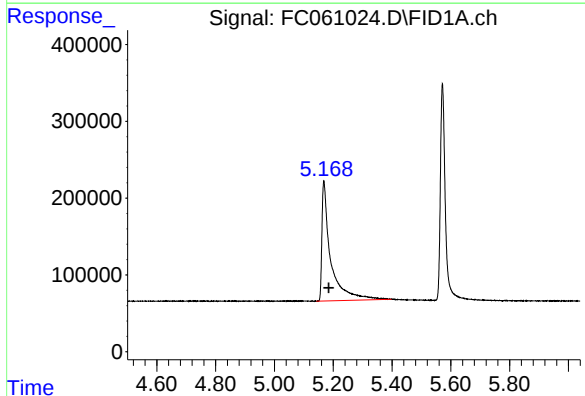
#1 n-Nonane (C9)

R.T.: 2.632 min  
Delta R.T.: 0.010 min  
Response: 3117646  
Conc: 22.14 ug/ml



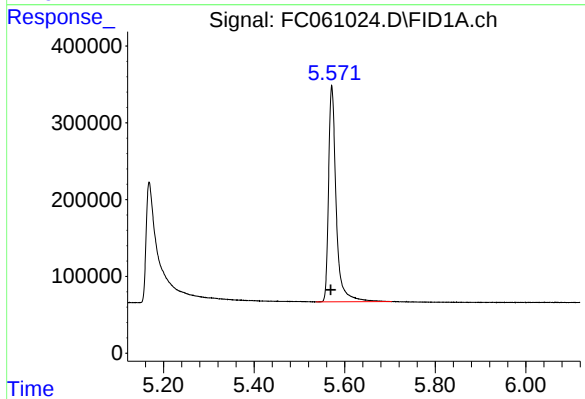
#2 n-Decane (C10)

R.T.: 3.626 min  
Delta R.T.: 0.005 min  
Response: 3141066  
Conc: 22.27 ug/ml



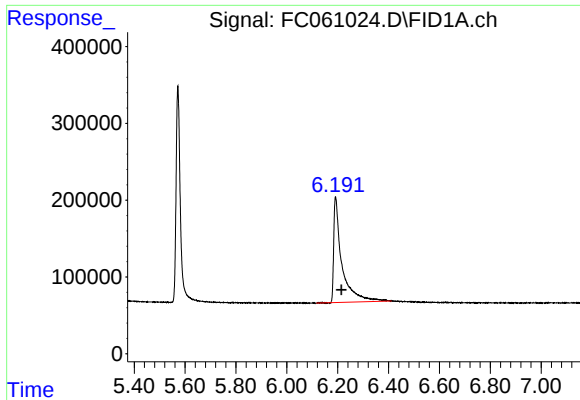
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min  
Delta R.T.: -0.016 min  
Response: 3236199  
Conc: 22.77 ug/ml



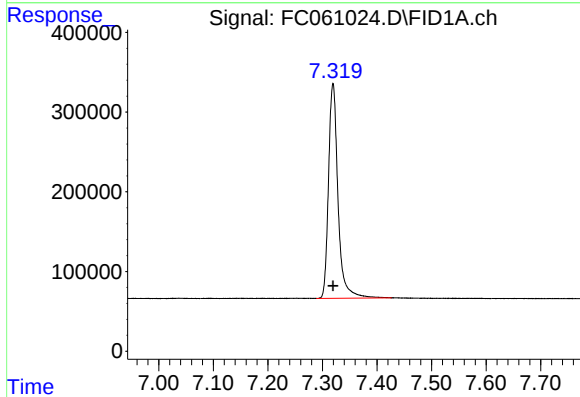
#4 n-Dodecane (C12)

R.T.: 5.572 min  
Delta R.T.: 0.002 min  
Response: 3286982  
Conc: 22.18 ug/ml



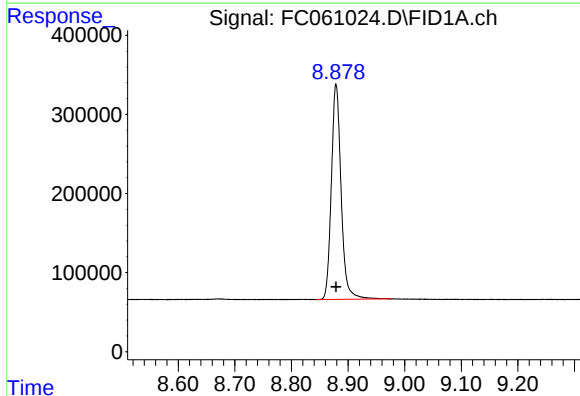
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min  
Delta R.T.: -0.022 min  
Response: 3077757  
Conc: 22.44 ug/ml



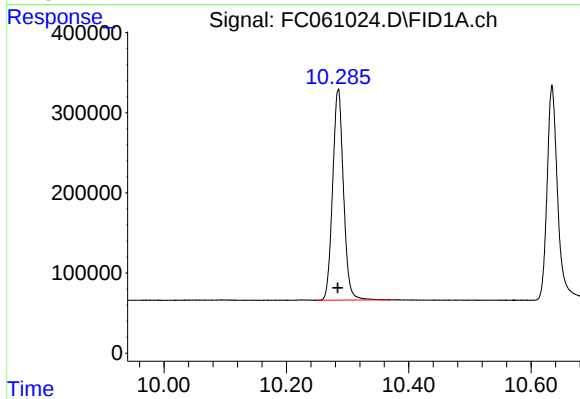
#6 n-Tetradecane (C14)

R.T.: 7.319 min  
Delta R.T.: 0.000 min  
Response: 3256574  
Conc: 21.69 ug/ml



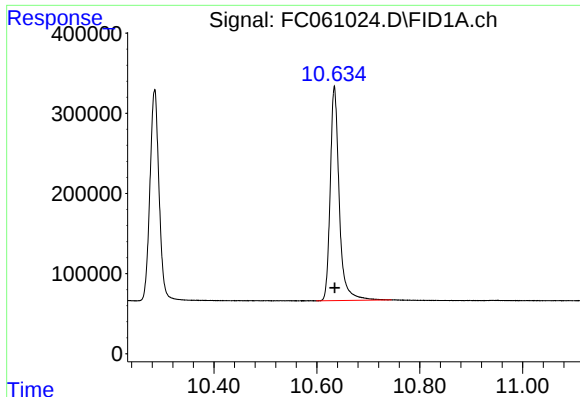
#7 n-Hexadecane (C16)

R.T.: 8.879 min  
Delta R.T.: 0.000 min  
Response: 3259551  
Conc: 21.30 ug/ml



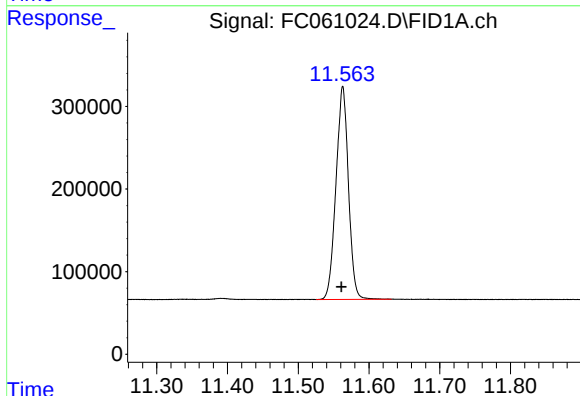
#8 n-Octadecane (C18)

R.T.: 10.285 min  
Delta R.T.: 0.000 min  
Response: 3236162  
Conc: 20.72 ug/ml



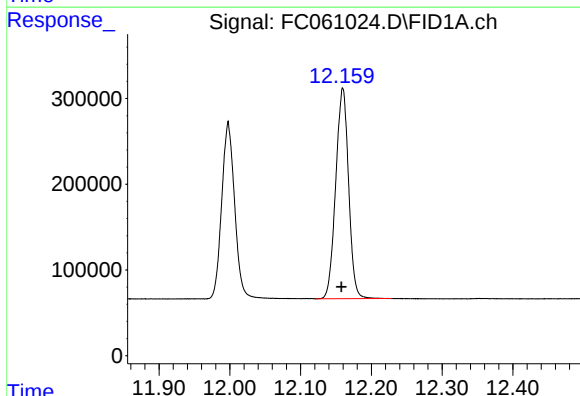
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min  
Delta R.T.: 0.000 min  
Response: 3246157  
Conc: 19.78 ug/ml



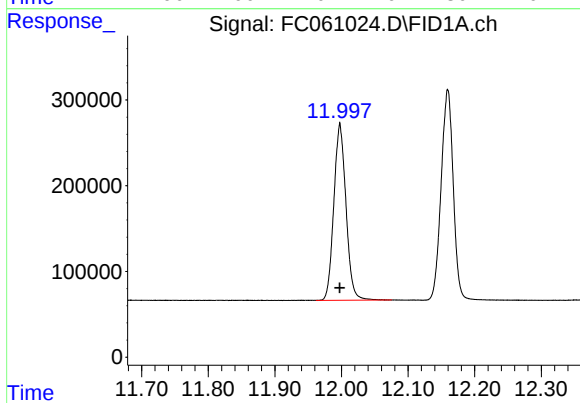
#10 n-Eicosane (C20)

R.T.: 11.563 min  
Delta R.T.: 0.002 min  
Response: 3153610  
Conc: 20.10 ug/ml



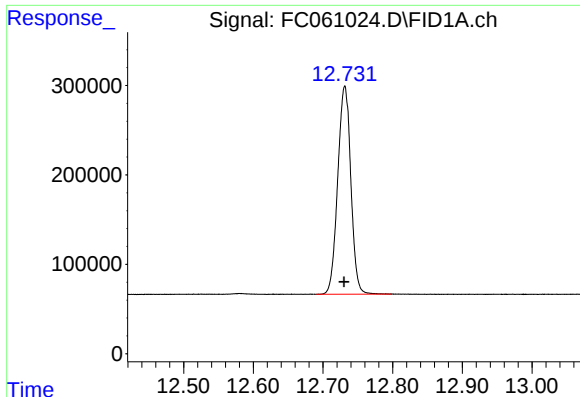
#11 n-Heneicosane (C21)

R.T.: 12.160 min  
Delta R.T.: 0.002 min  
Response: 3103116  
Conc: 19.83 ug/ml



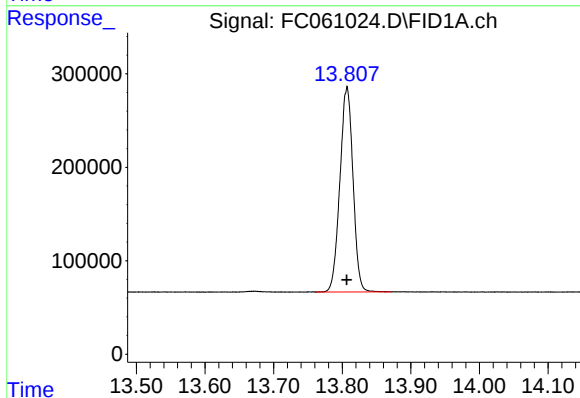
#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min  
Delta R.T.: 0.000 min  
Response: 2610823  
Conc: 19.67 ug/ml



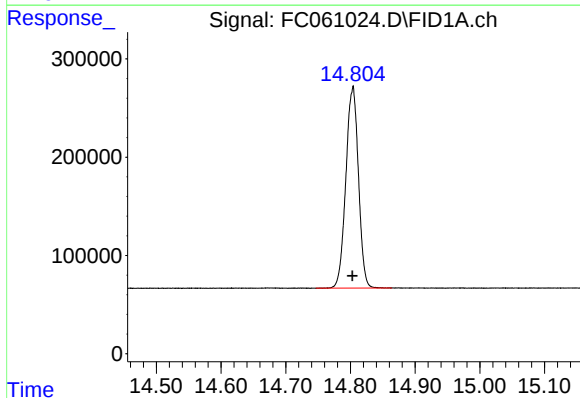
#13 n-Docosane (C22)

R.T.: 12.731 min  
Delta R.T.: 0.001 min  
Response: 3041048  
Conc: 19.50 ug/ml



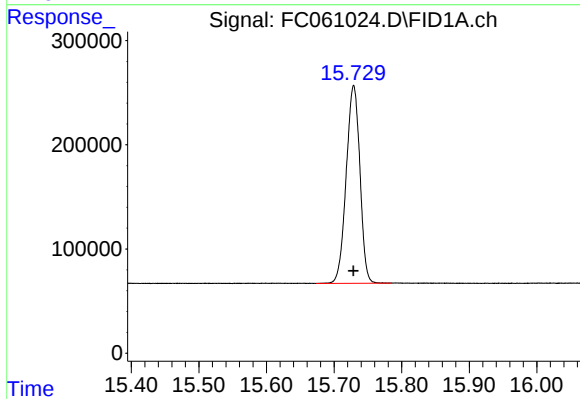
#14 n-Tetracosane (C24)

R.T.: 13.807 min  
Delta R.T.: 0.000 min  
Response: 2902141  
Conc: 19.01 ug/ml



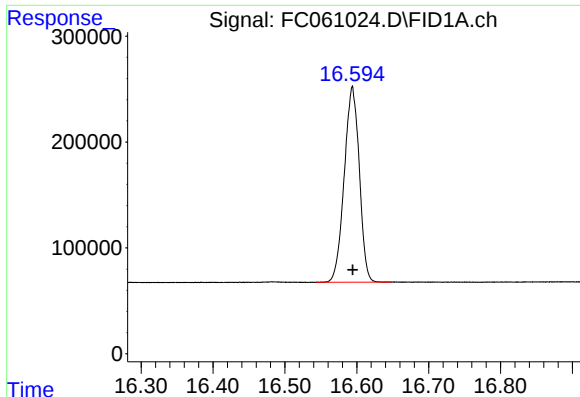
#15 n-Hexacosane (C26)

R.T.: 14.803 min  
Delta R.T.: 0.000 min  
Response: 2773664  
Conc: 18.58 ug/ml



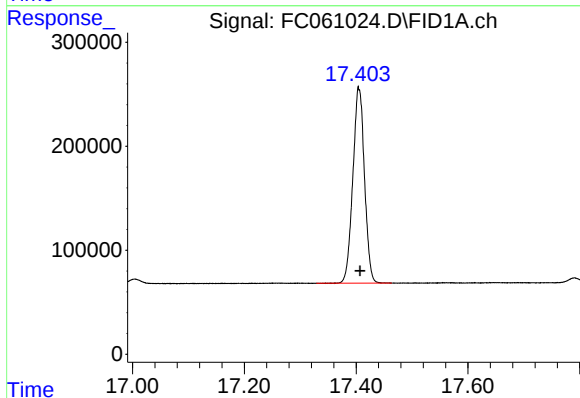
#16 n-Octacosane (C28)

R.T.: 15.729 min  
Delta R.T.: 0.000 min  
Response: 2669457  
Conc: 18.63 ug/ml



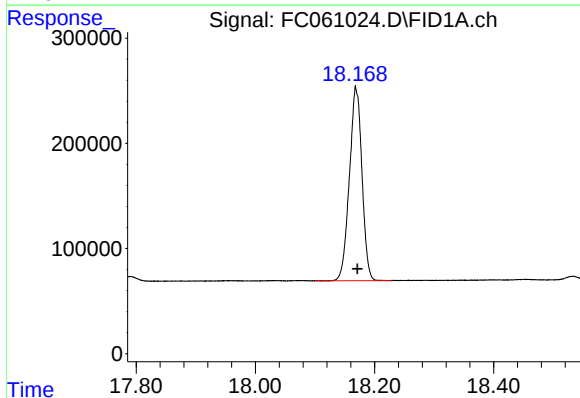
#17 n-Tricontane (C30)

R.T.: 16.594 min  
Delta R.T.: 0.000 min  
Response: 2684985  
Conc: 19.18 ug/ml



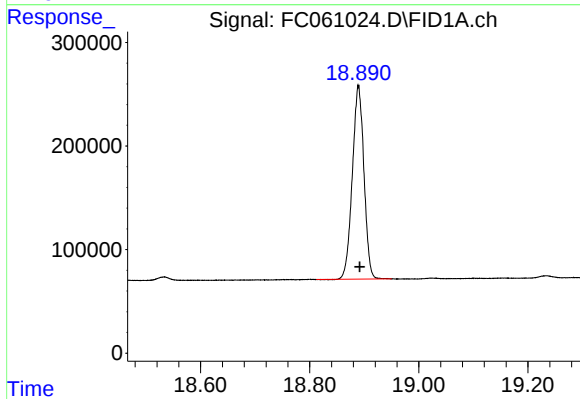
#18 n-Dotriacontane (C32)

R.T.: 17.405 min  
Delta R.T.: -0.002 min  
Response: 2719890  
Conc: 20.15 ug/ml



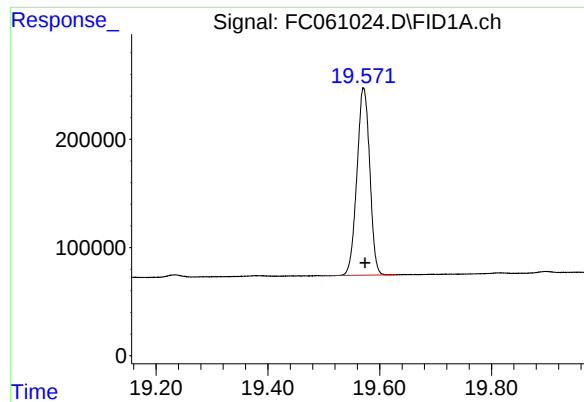
#19 n-Tetratriacontane (C34)

R.T.: 18.169 min  
Delta R.T.: -0.002 min  
Response: 2691340  
Conc: 21.46 ug/ml



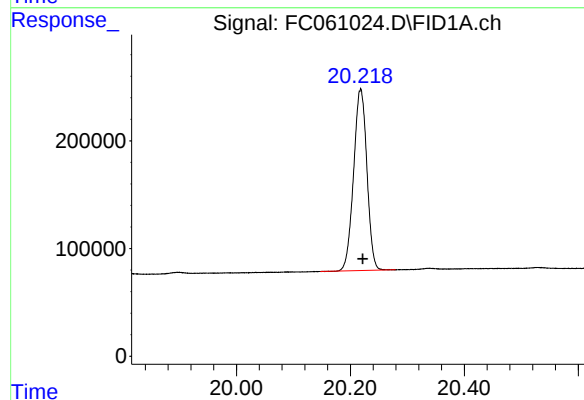
#20 n-Hexatriacontane (C36)

R.T.: 18.889 min  
Delta R.T.: -0.003 min  
Response: 2761081  
Conc: 22.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.571 min  
Delta R.T.: -0.002 min  
Response: 2751336  
Conc: 23.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.218 min  
Delta R.T.: -0.004 min  
Response: 2729814  
Conc: 23.72 ug/ml