

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032924AL\  
 Data File : FC066146.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Mar 2024 20:43  
 Operator : YP/AJ  
 Sample : P1880-01D  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 30 00:51:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 13:09:51 2024  
 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)    | 11.452 | 80050      | 0.410 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 0.82%        |
| 12) S 1-chlorooctadecane (S... | 12.903 | 4433486    | 30.410 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 60.82%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 3) T A~Naphthalene (C11.7)     | 6.012f | 16008      | 0.089 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.357  | 72360      | 0.411 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.964  | 55902      | 0.328 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.138  | 112690     | 0.648 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.728  | 142736     | 0.799 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.159 | 202381     | 1.113 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.461 | 218479     | 1.251 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.069 | 203030     | 1.171 ug/ml  |
| 13) T n-Docosane (C22)         | 13.648 | 229649     | 1.335 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.745 | 228780     | 1.339 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.801 | 57554      | 0.342 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.710 | 834927     | 5.022 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.613 | 257721     | 1.509 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.453 | 26309      | 0.156 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.195 | 512710     | 3.128 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.979 | 266031     | 1.673 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.678 | 35502      | 0.227 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.551 | 66208      | 0.419 ug/ml  |
| -----                          |        |            |              |

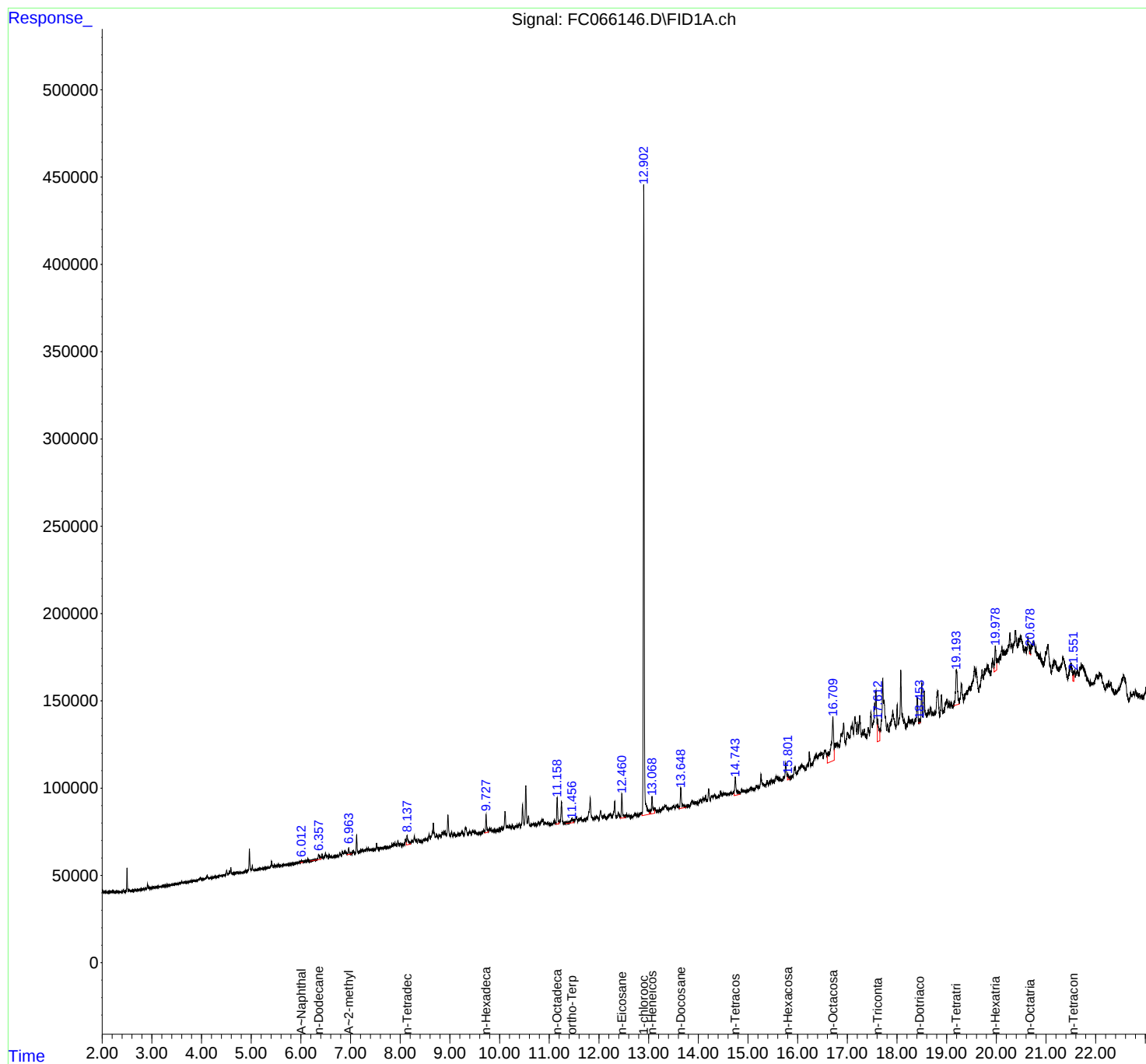
(f)=RT Delta > 1/2 Window

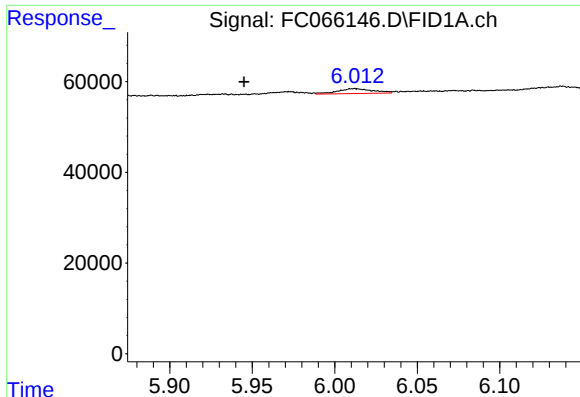
(m)=manual int.

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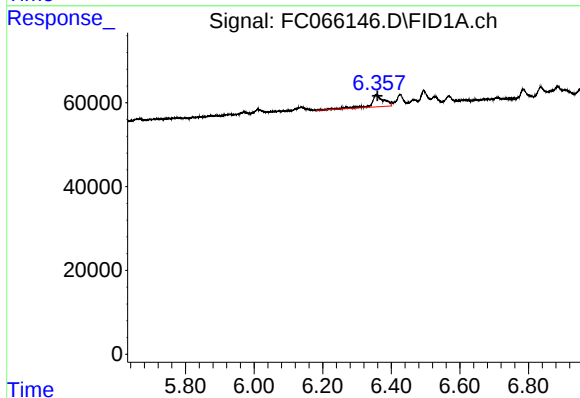
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





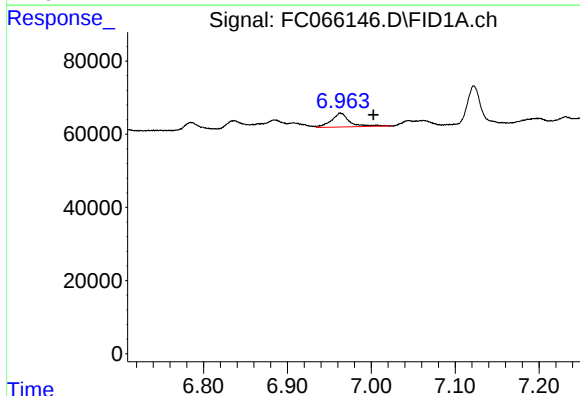
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min  
Delta R.T.: 0.067 min  
Response: 16008  
Conc: 0.09 ug/ml



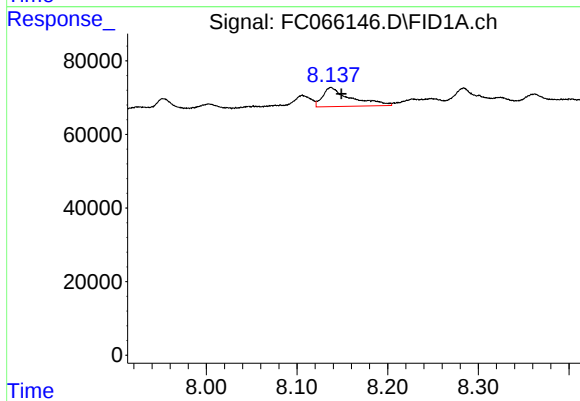
#4 n-Dodecane (C12)

R.T.: 6.357 min  
Delta R.T.: -0.003 min  
Response: 72360  
Conc: 0.41 ug/ml



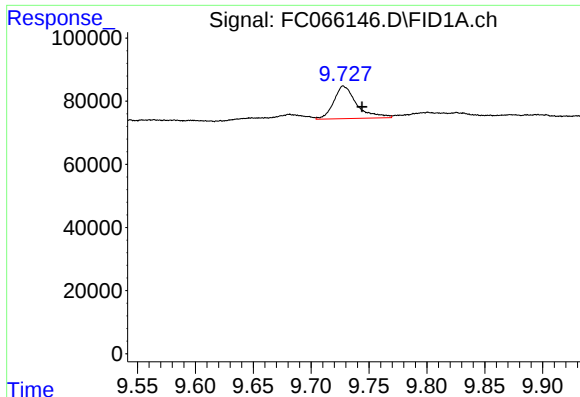
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.964 min  
Delta R.T.: -0.039 min  
Response: 55902  
Conc: 0.33 ug/ml



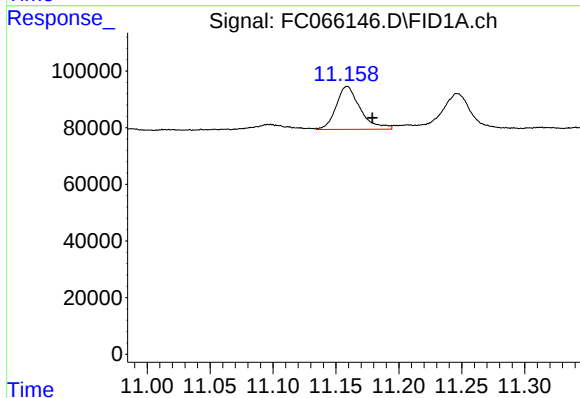
#6 n-Tetradecane (C14)

R.T.: 8.138 min  
Delta R.T.: -0.011 min  
Response: 112690  
Conc: 0.65 ug/ml



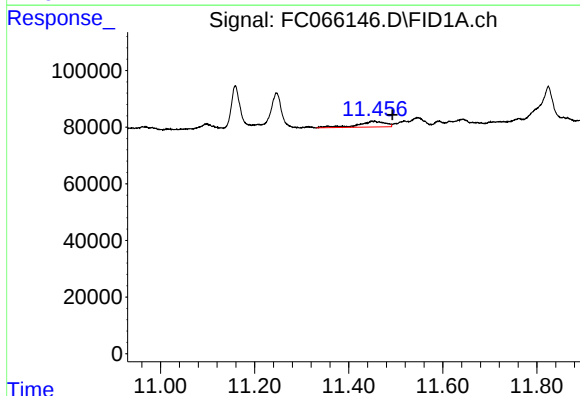
#7 n-Hexadecane (C16)

R.T.: 9.728 min  
Delta R.T.: -0.015 min  
Response: 142736  
Conc: 0.80 ug/ml



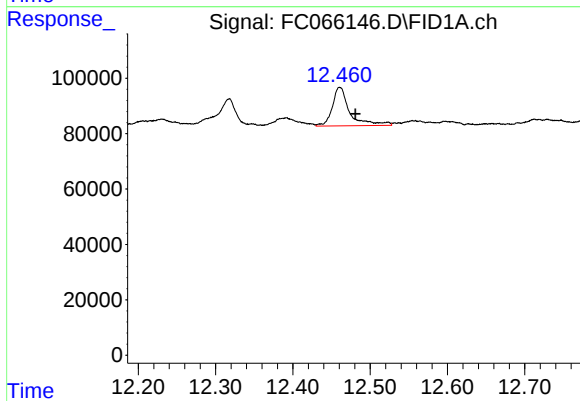
#8 n-Octadecane (C18)

R.T.: 11.159 min  
Delta R.T.: -0.020 min  
Response: 202381  
Conc: 1.11 ug/ml



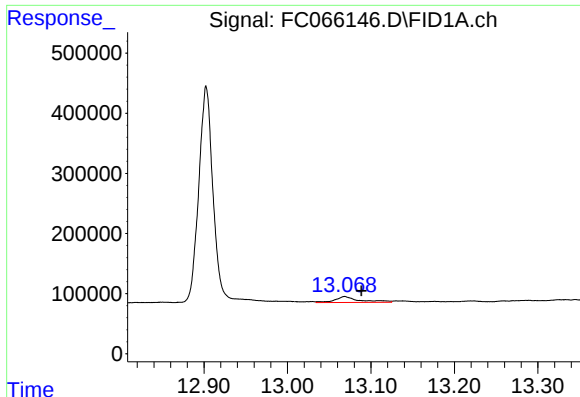
#9 ortho-Terphenyl (SURR)

R.T.: 11.452 min  
Delta R.T.: -0.041 min  
Response: 80050  
Conc: 0.41 ug/ml



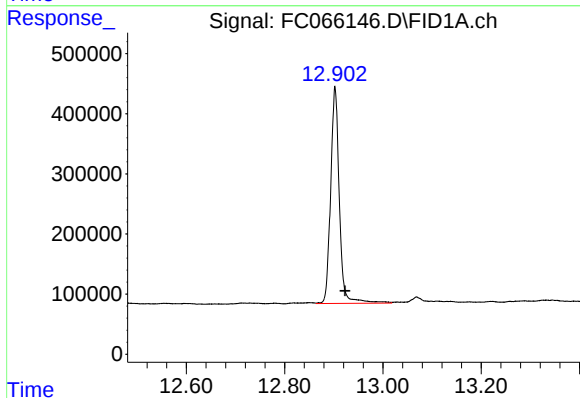
#10 n-Eicosane (C20)

R.T.: 12.461 min  
Delta R.T.: -0.020 min  
Response: 218479  
Conc: 1.25 ug/ml



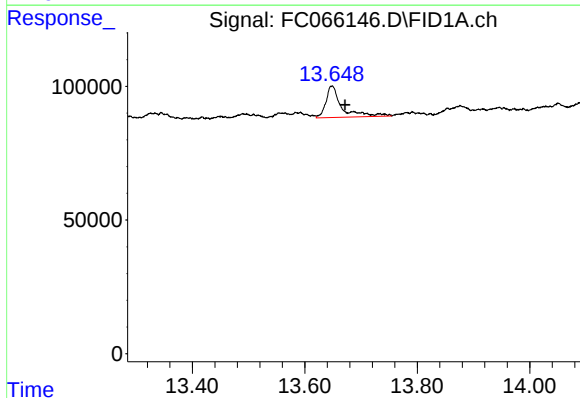
#11 n-Heneicosane (C21)

R.T.: 13.069 min  
Delta R.T.: -0.020 min  
Response: 203030  
Conc: 1.17 ug/ml



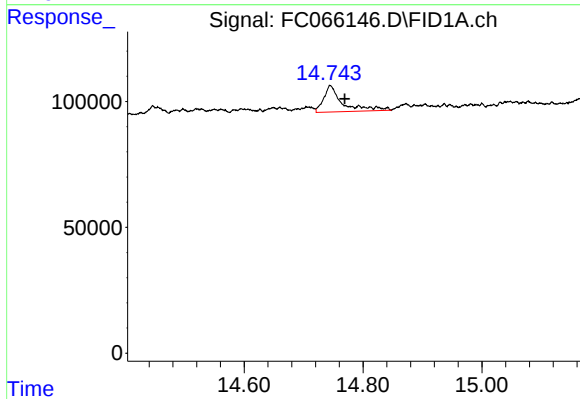
#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min  
Delta R.T.: -0.021 min  
Response: 4433486  
Conc: 30.41 ug/ml



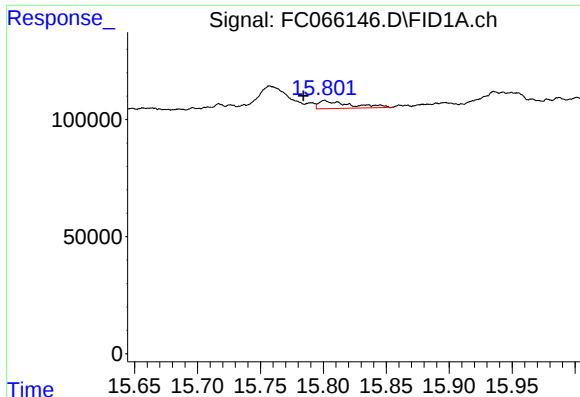
#13 n-Docosane (C22)

R.T.: 13.648 min  
Delta R.T.: -0.023 min  
Response: 229649  
Conc: 1.34 ug/ml



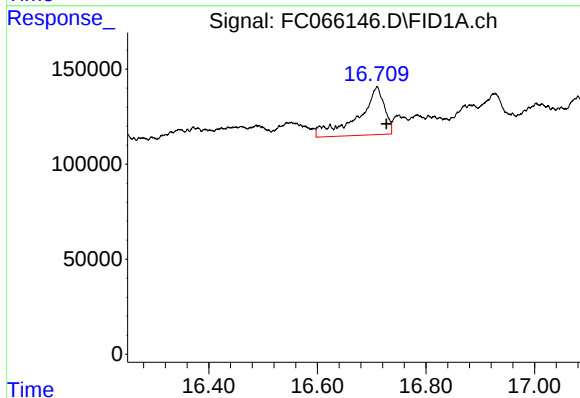
#14 n-Tetracosane (C24)

R.T.: 14.745 min  
Delta R.T.: -0.024 min  
Response: 228780  
Conc: 1.34 ug/ml



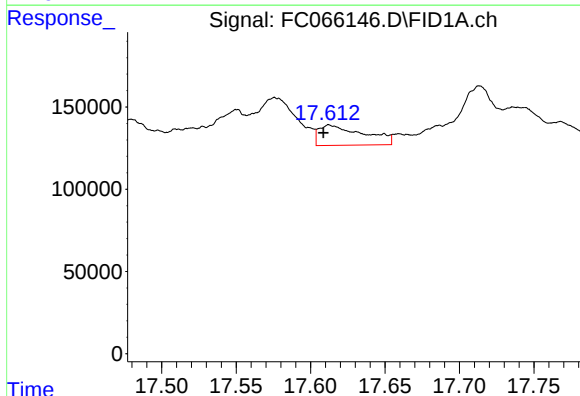
#15 n-Hexacosane (C26)

R.T.: 15.801 min  
Delta R.T.: 0.017 min  
Response: 57554  
Conc: 0.34 ug/ml



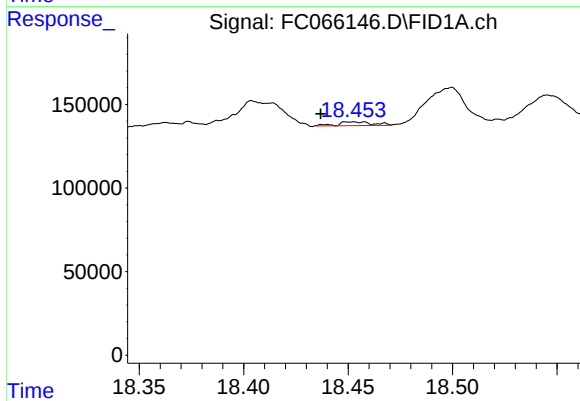
#16 n-Octacosane (C28)

R.T.: 16.710 min  
Delta R.T.: -0.018 min  
Response: 834927  
Conc: 5.02 ug/ml



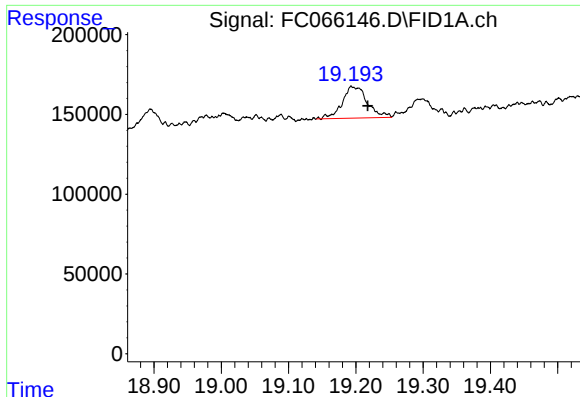
#17 n-Tricontane (C30)

R.T.: 17.613 min  
Delta R.T.: 0.005 min  
Response: 257721  
Conc: 1.51 ug/ml



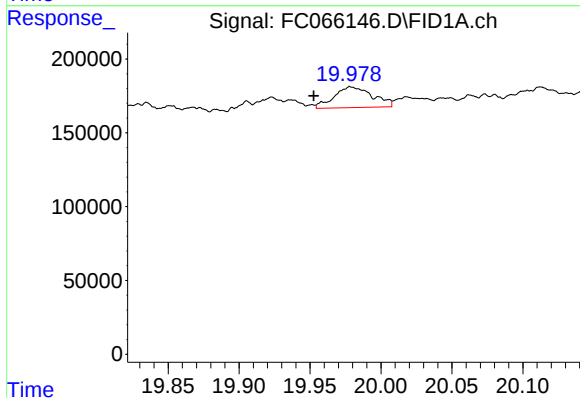
#18 n-Dotriacontane (C32)

R.T.: 18.453 min  
Delta R.T.: 0.016 min  
Response: 26309  
Conc: 0.16 ug/ml



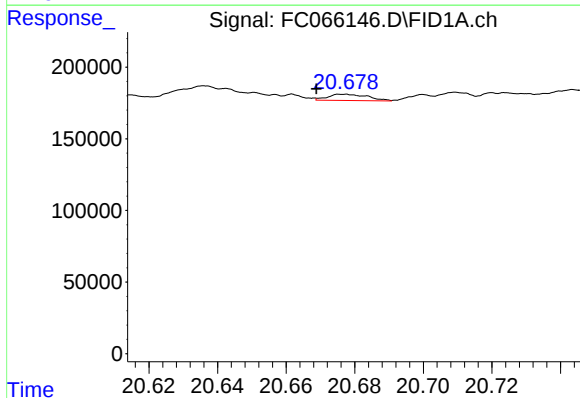
#19 n-Tetratriacontane (C34)

R.T.: 19.195 min  
Delta R.T.: -0.022 min  
Response: 512710  
Conc: 3.13 ug/ml



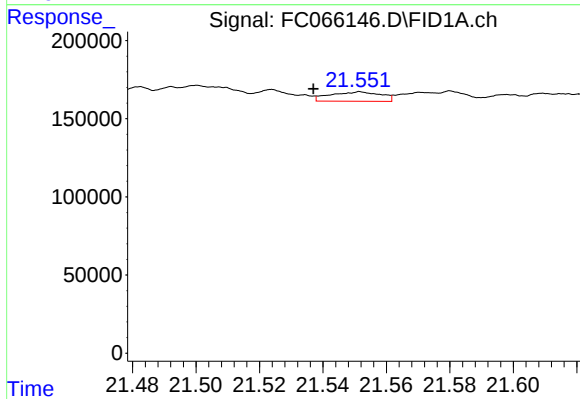
#20 n-Hexatriacontane (C36)

R.T.: 19.979 min  
Delta R.T.: 0.026 min  
Response: 266031  
Conc: 1.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min  
Delta R.T.: 0.009 min  
Response: 35502  
Conc: 0.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.551 min  
Delta R.T.: 0.014 min  
Response: 66208  
Conc: 0.42 ug/ml