

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030524AL\  
 Data File : FE047103.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Mar 2024 22:03  
 Operator : YP\AJ  
 Sample : P1672-09  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 06 00:28:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 20 11:04:00 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)    | 11.779 | 3662618    | 22.293 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.59%       |
| 12) S 1-chlorooctadecane (S... | 13.220 | 3725430    | 30.264 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 60.53%       |
| Target Compounds               |        |            |              |
| 5) T A~2-methylnaphthalene...  | 7.313f | 41666      | 0.291 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.416  | 24569      | 0.159 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.026 | 43325      | 0.273 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.466 | 55019      | 0.345 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.797 | 93870      | 0.620 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.386 | 58092      | 0.392 ug/ml  |
| 13) T n-Docosane (C22)         | 13.972 | 147318     | 1.013 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.089 | 1280740    | 8.968 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.099 | 177412     | 1.270 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.051 | 206714     | 1.517 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.932 | 457287     | 3.278 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.775 | 363073     | 2.639 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.571 | 714440     | 5.318 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.306 | 415980     | 3.124 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.022 | 72426      | 0.526 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.902 | 228438     | 1.619 ug/ml  |
| -----                          |        |            |              |

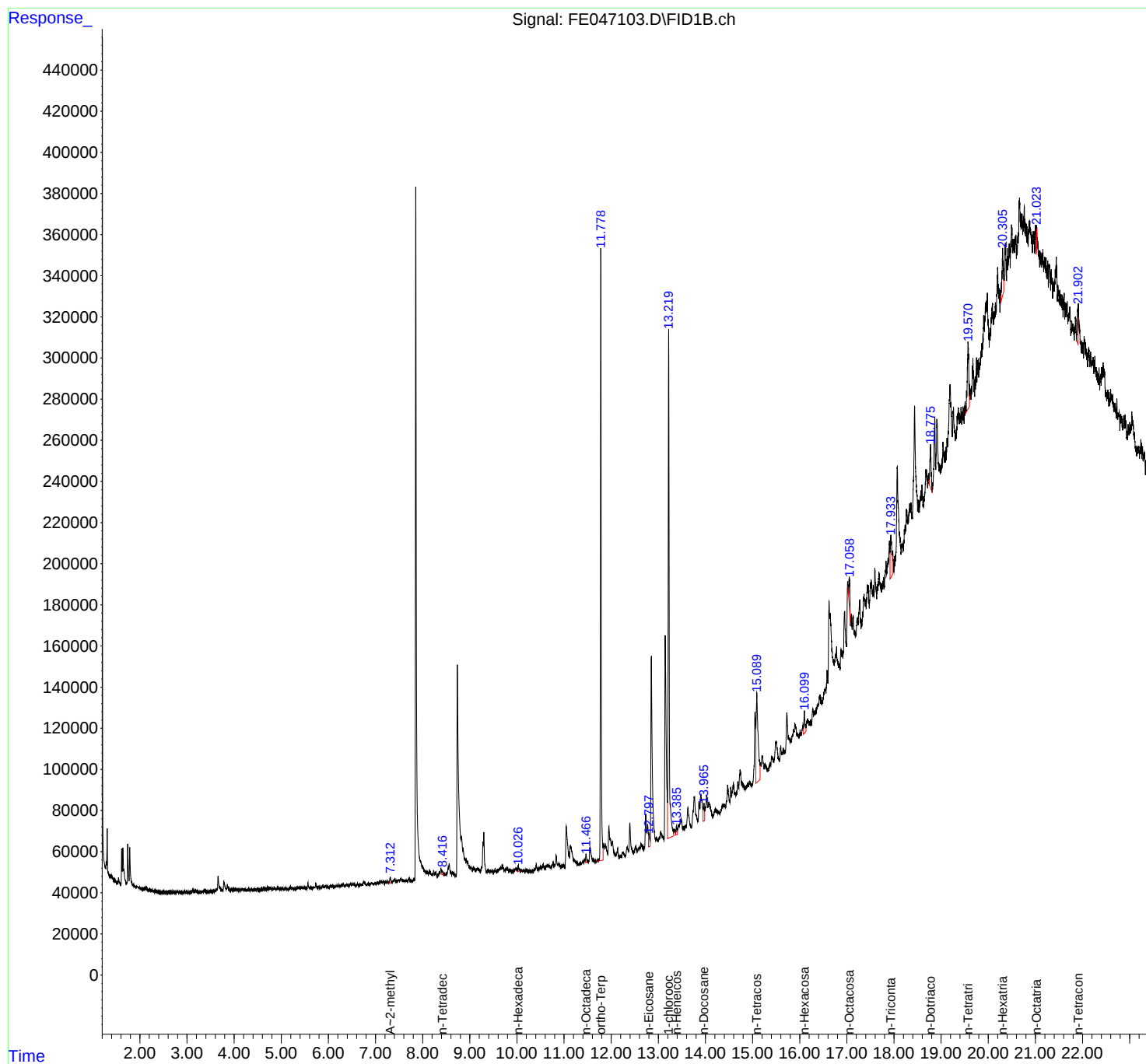
(f)=RT Delta > 1/2 Window

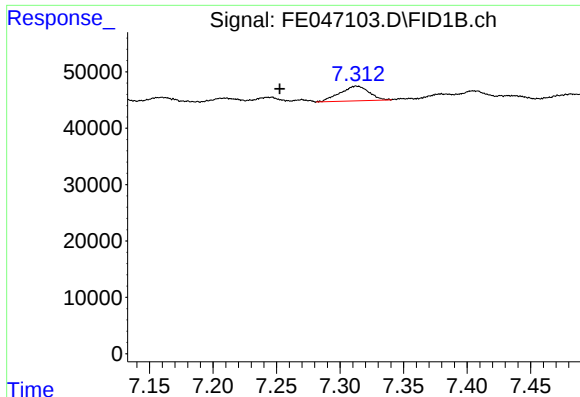
(m)=manual int.

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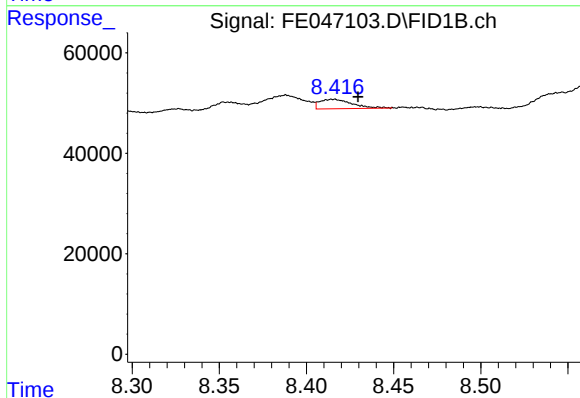
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





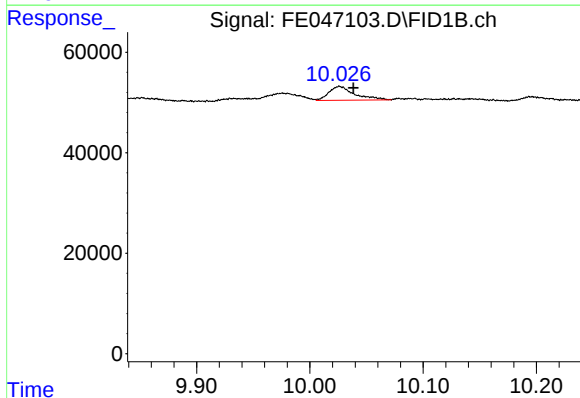
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min  
Delta R.T.: 0.060 min  
Response: 41666  
Conc: 0.29 ug/ml



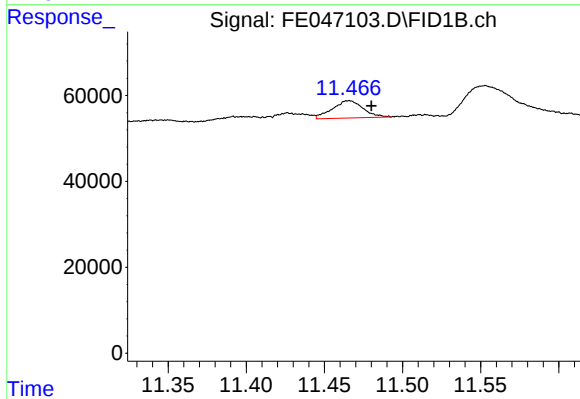
#6 n-Tetradecane (C14)

R.T.: 8.416 min  
Delta R.T.: -0.014 min  
Response: 24569  
Conc: 0.16 ug/ml



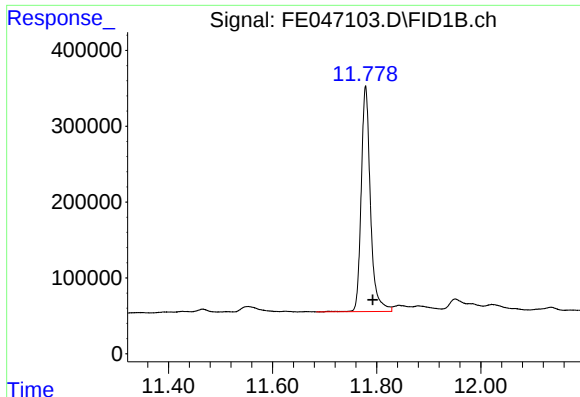
#7 n-Hexadecane (C16)

R.T.: 10.026 min  
Delta R.T.: -0.012 min  
Response: 43325  
Conc: 0.27 ug/ml



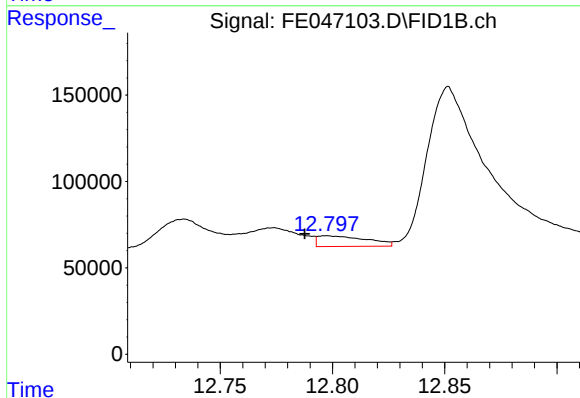
#8 n-Octadecane (C18)

R.T.: 11.466 min  
Delta R.T.: -0.014 min  
Response: 55019  
Conc: 0.35 ug/ml



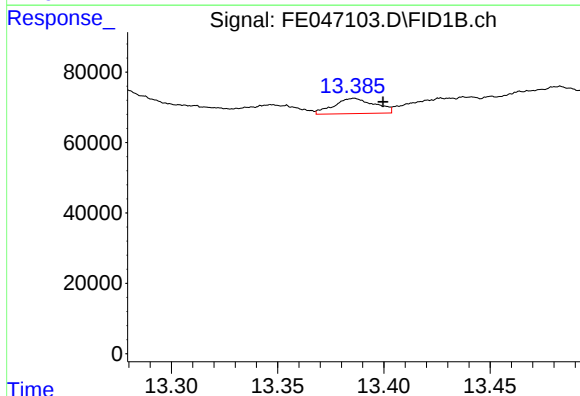
#9 ortho-Terphenyl (SURR)

R.T.: 11.779 min  
Delta R.T.: -0.013 min  
Response: 3662618  
Conc: 22.29 ug/ml



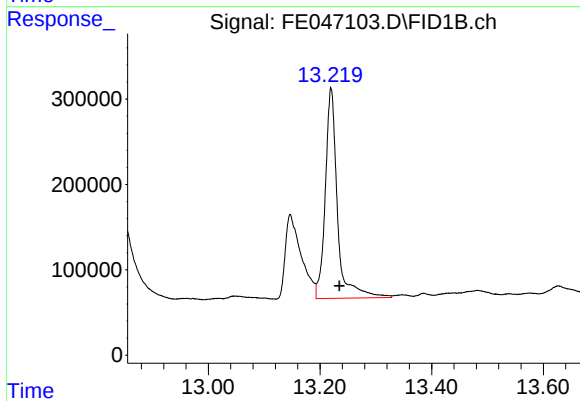
#10 n-Eicosane (C20)

R.T.: 12.797 min  
Delta R.T.: 0.010 min  
Response: 93870  
Conc: 0.62 ug/ml



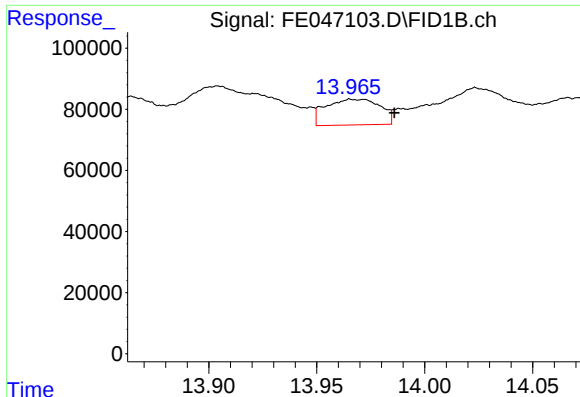
#11 n-Heneicosane (C21)

R.T.: 13.386 min  
Delta R.T.: -0.014 min  
Response: 58092  
Conc: 0.39 ug/ml



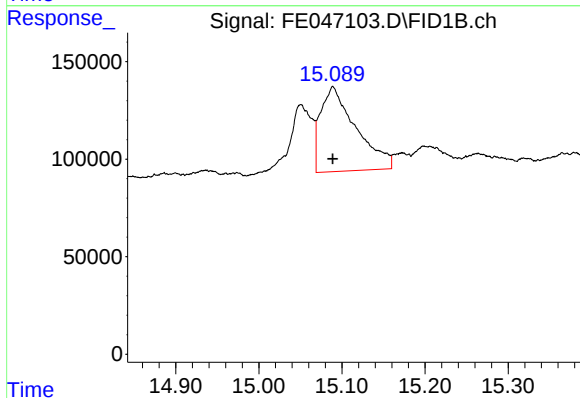
#12 1-chlorooctadecane (SURR)

R.T.: 13.220 min  
Delta R.T.: -0.015 min  
Response: 3725430  
Conc: 30.26 ug/ml



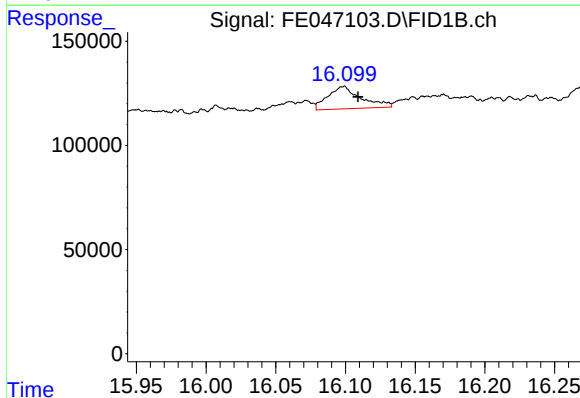
#13 n-Docosane (C22)

R.T.: 13.972 min  
Delta R.T.: -0.014 min  
Response: 147318  
Conc: 1.01 ug/ml



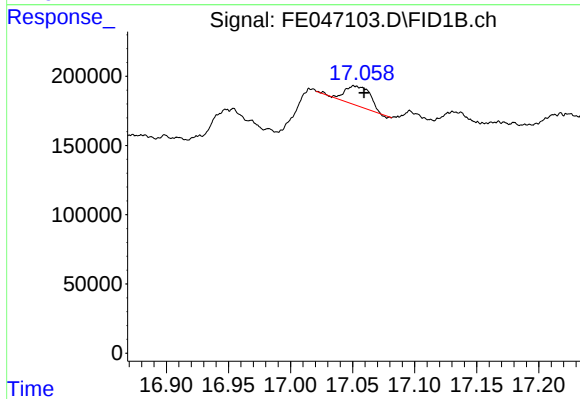
#14 n-Tetracosane (C24)

R.T.: 15.089 min  
Delta R.T.: 0.000 min  
Response: 1280740  
Conc: 8.97 ug/ml



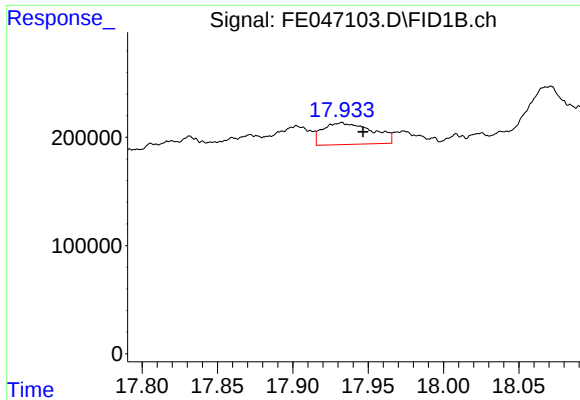
#15 n-Hexacosane (C26)

R.T.: 16.099 min  
Delta R.T.: -0.010 min  
Response: 177412  
Conc: 1.27 ug/ml



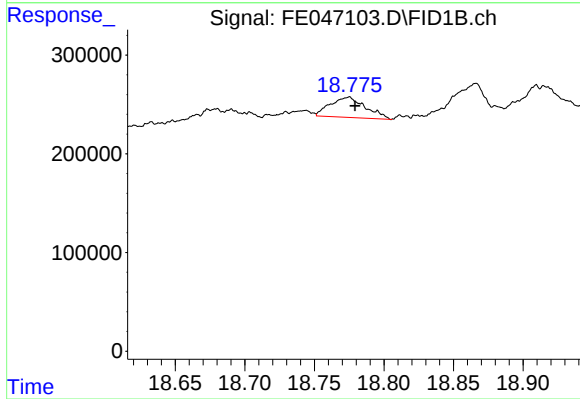
#16 n-Octacosane (C28)

R.T.: 17.051 min  
Delta R.T.: -0.008 min  
Response: 206714  
Conc: 1.52 ug/ml



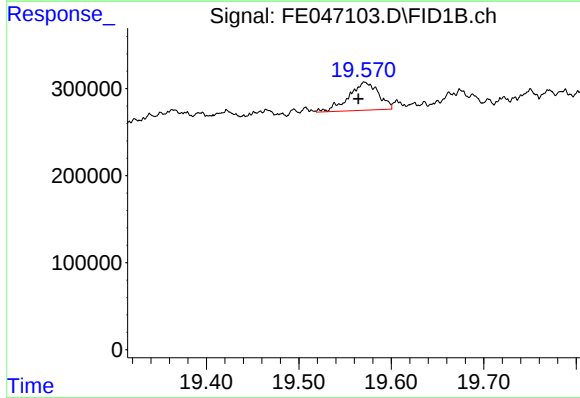
#17 n-Tricontane (C30)

R.T.: 17.932 min  
Delta R.T.: -0.014 min  
Response: 457287  
Conc: 3.28 ug/ml



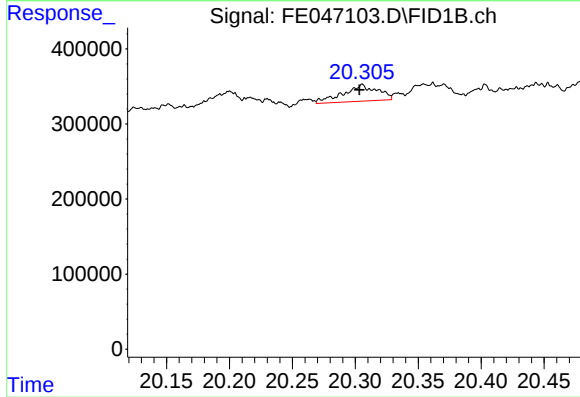
#18 n-Dotriacontane (C32)

R.T.: 18.775 min  
Delta R.T.: -0.004 min  
Response: 363073  
Conc: 2.64 ug/ml



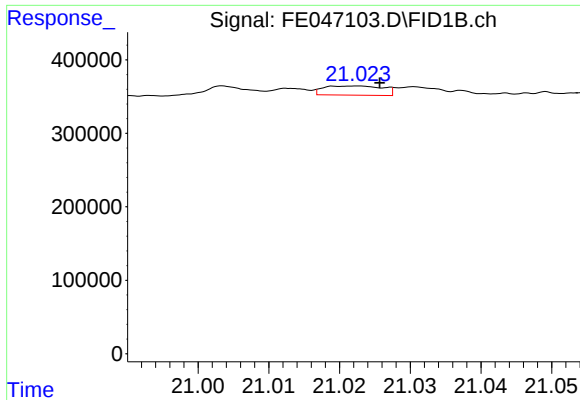
#19 n-Tetratriacontane (C34)

R.T.: 19.571 min  
Delta R.T.: 0.006 min  
Response: 714440  
Conc: 5.32 ug/ml



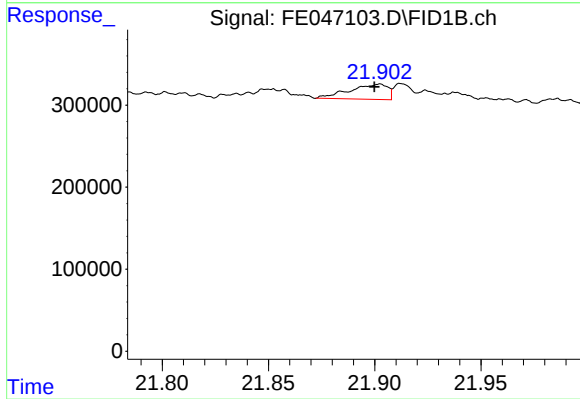
#20 n-Hexatriacontane (C36)

R.T.: 20.306 min  
Delta R.T.: 0.002 min  
Response: 415980  
Conc: 3.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.022 min  
Delta R.T.: -0.004 min  
Response: 72426  
Conc: 0.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.902 min  
Delta R.T.: 0.002 min  
Response: 228438  
Conc: 1.62 ug/ml