

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112423AL\  
 Data File : FE045521.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 Nov 2023 09:53  
 Operator : YP\AJ  
 Sample : 05519-01DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 24 23:03:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 04 05:16:05 2023  
 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)    | 11.867 | 1096335    | 5.742 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.48%      |
| 12) S 1-chlorooctadecane (S... | 13.311 | 860515     | 6.247 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 12.49%      |
| Target Compounds               |        |            |             |
| 7) T n-Hexadecane (C16)        | 10.110 | 46048      | 0.274 ug/ml |
| 8) T n-Octadecane (C18)        | 11.555 | 51998      | 0.311 ug/ml |
| 10) T n-Eicosane (C20)         | 12.867 | 69034      | 0.436 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.479 | 63377      | 0.412 ug/ml |
| 13) T n-Docosane (C22)         | 14.067 | 102939     | 0.679 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.170 | 103980     | 0.702 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.195 | 121739     | 0.835 ug/ml |
| 16) T n-Octacosane (C28)       | 17.147 | 209332     | 1.433 ug/ml |
| 17) T n-Tricontane (C30)       | 18.035 | 228405     | 1.504 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.872 | 262269     | 1.679 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.660 | 251656     | 1.612 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.402 | 152818     | 0.941 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.134 | 228026     | 1.372 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.042 | 203346     | 1.190 ug/ml |
| -----                          |        |            |             |

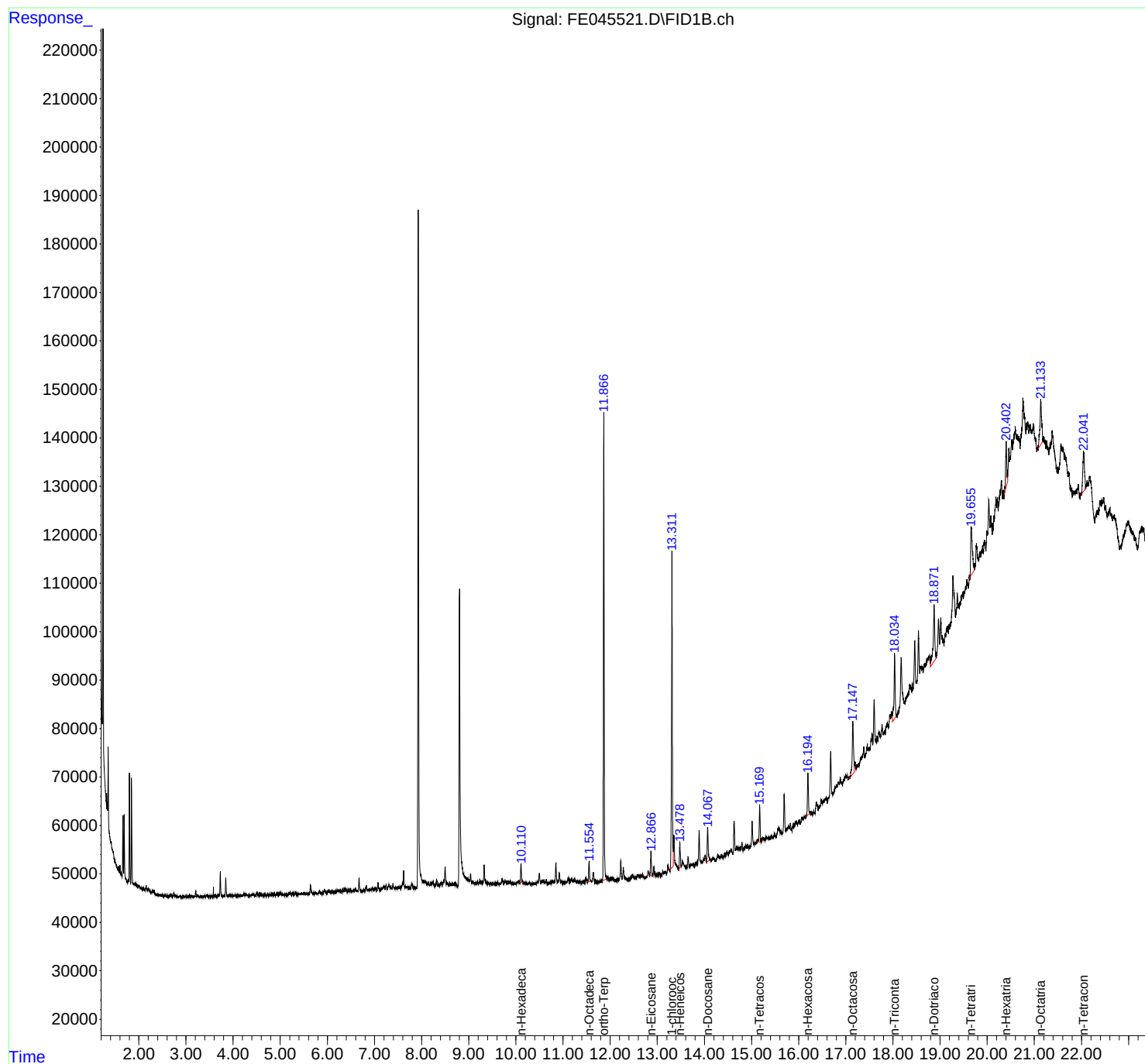
(f)=RT Delta > 1/2 Window

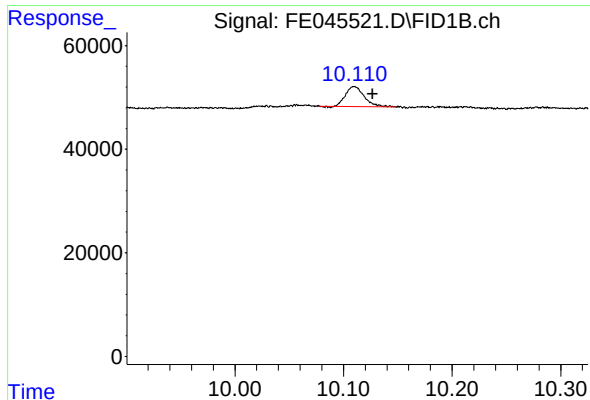
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112423AL\  
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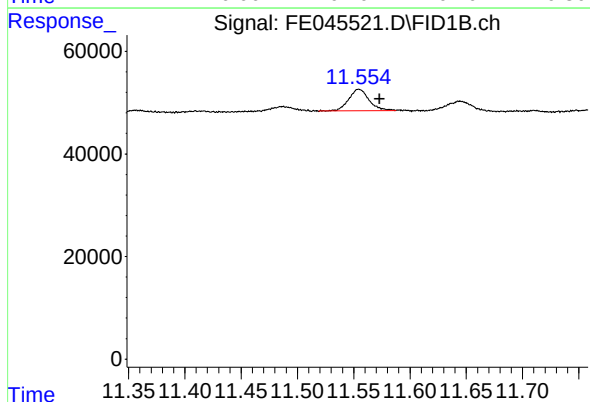
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





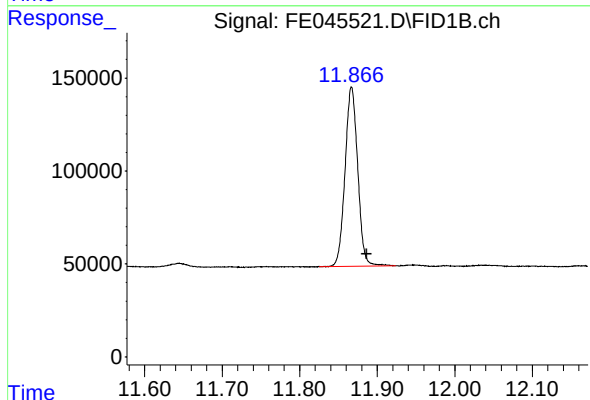
#7 n-Hexadecane (C16)

R.T.: 10.110 min  
Delta R.T.: -0.017 min  
Response: 46048  
Conc: 0.27 ug/ml



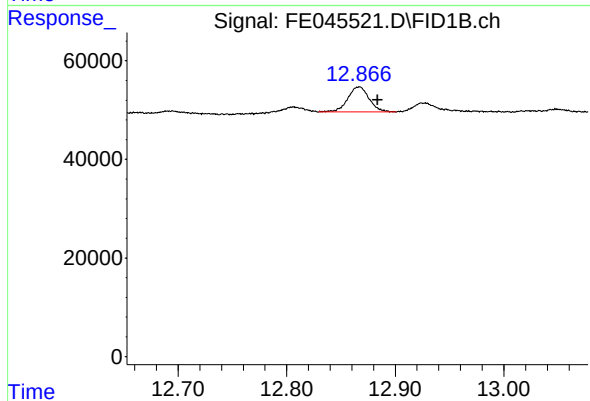
#8 n-Octadecane (C18)

R.T.: 11.555 min  
Delta R.T.: -0.018 min  
Response: 51998  
Conc: 0.31 ug/ml



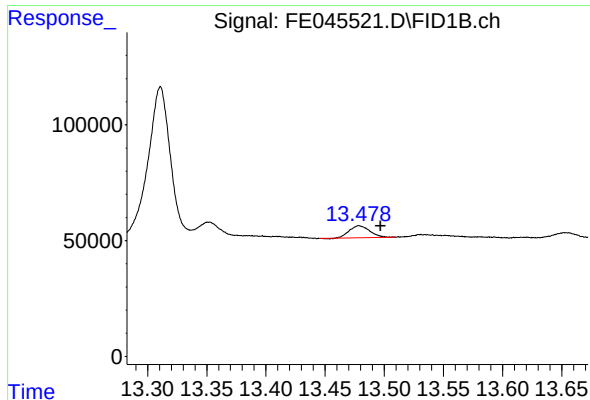
#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min  
Delta R.T.: -0.020 min  
Response: 1096335  
Conc: 5.74 ug/ml



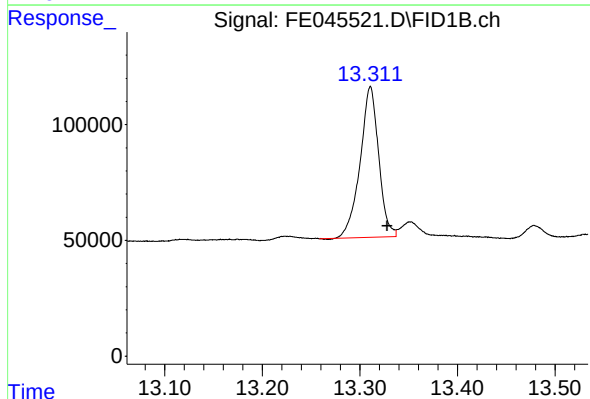
#10 n-Eicosane (C20)

R.T.: 12.867 min  
Delta R.T.: -0.017 min  
Response: 69034  
Conc: 0.44 ug/ml



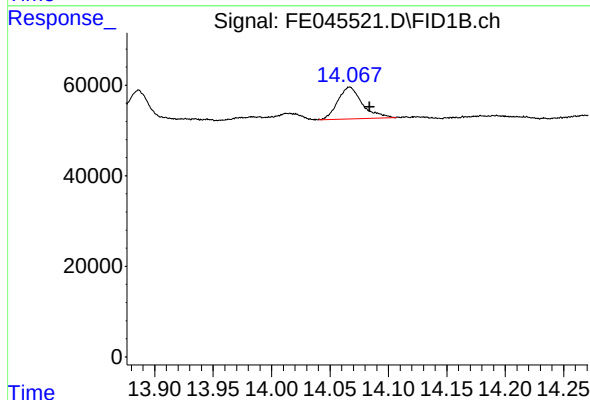
#11 n-Heneicosane (C21)

R.T.: 13.479 min  
Delta R.T.: -0.018 min  
Response: 63377  
Conc: 0.41 ug/ml



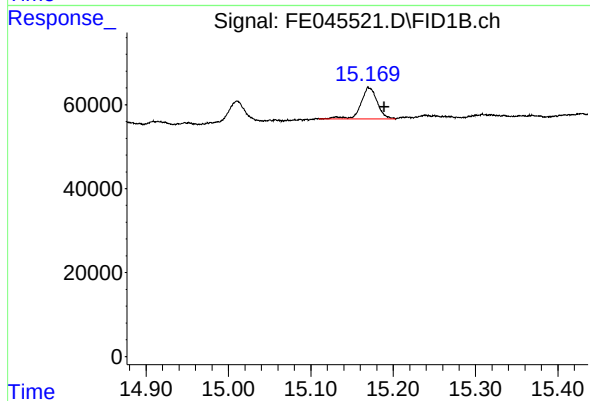
#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min  
Delta R.T.: -0.017 min  
Response: 860515  
Conc: 6.25 ug/ml



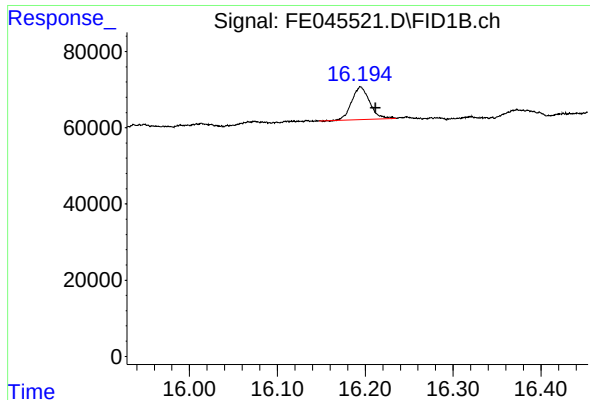
#13 n-Docosane (C22)

R.T.: 14.067 min  
Delta R.T.: -0.017 min  
Response: 102939  
Conc: 0.68 ug/ml



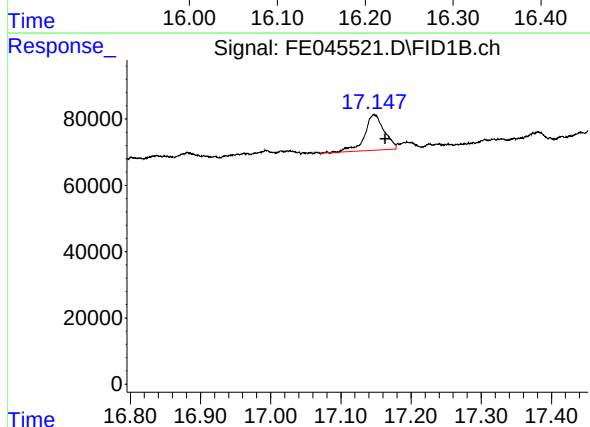
#14 n-Tetracosane (C24)

R.T.: 15.170 min  
Delta R.T.: -0.019 min  
Response: 103980  
Conc: 0.70 ug/ml



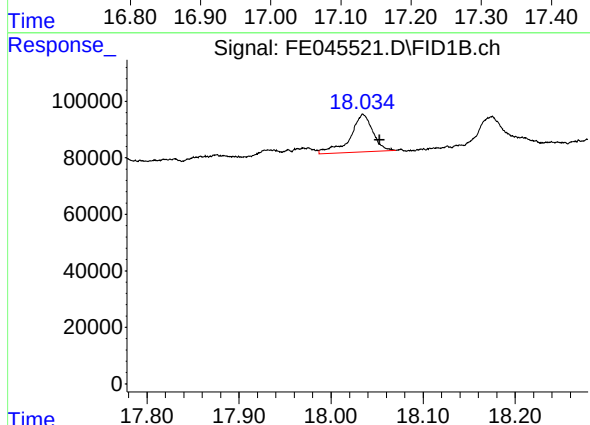
#15 n-Hexacosane (C26)

R.T.: 16.195 min  
Delta R.T.: -0.017 min  
Response: 121739  
Conc: 0.84 ug/ml



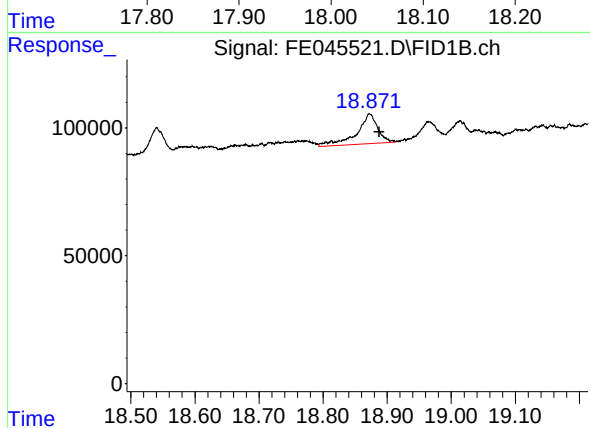
#16 n-Octacosane (C28)

R.T.: 17.147 min  
Delta R.T.: -0.016 min  
Response: 209332  
Conc: 1.43 ug/ml



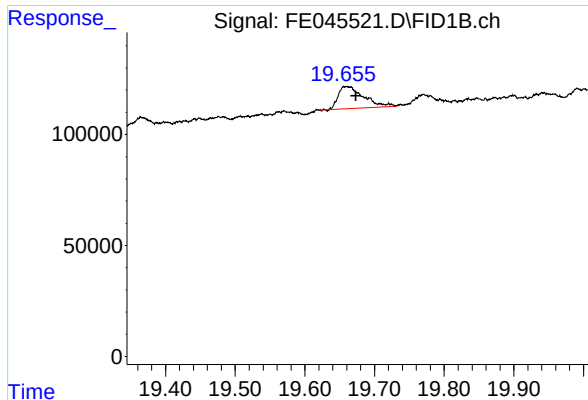
#17 n-Tricontane (C30)

R.T.: 18.035 min  
Delta R.T.: -0.018 min  
Response: 228405  
Conc: 1.50 ug/ml



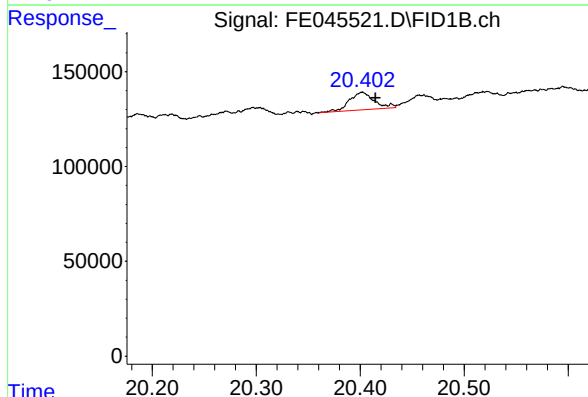
#18 n-Dotriacontane (C32)

R.T.: 18.872 min  
Delta R.T.: -0.015 min  
Response: 262269  
Conc: 1.68 ug/ml



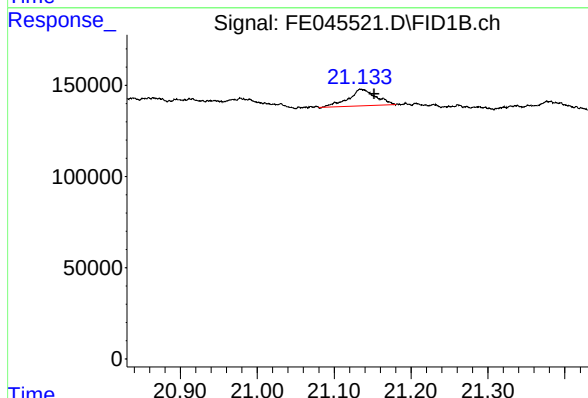
#19 n-Tetratriacontane (C34)

R.T.: 19.660 min  
Delta R.T.: -0.014 min  
Response: 251656  
Conc: 1.61 ug/ml



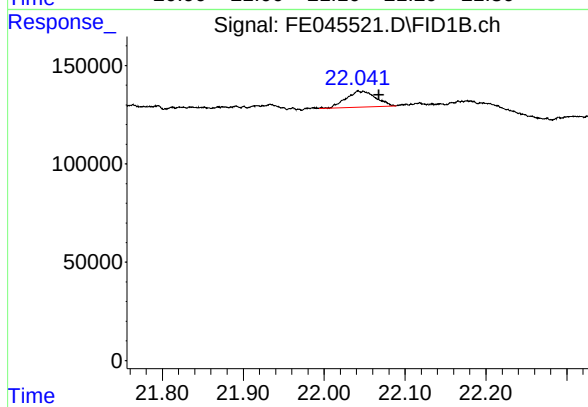
#20 n-Hexatriacontane (C36)

R.T.: 20.402 min  
Delta R.T.: -0.013 min  
Response: 152818  
Conc: 0.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min  
Delta R.T.: -0.018 min  
Response: 228026  
Conc: 1.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.042 min  
Delta R.T.: -0.026 min  
Response: 203346  
Conc: 1.19 ug/ml