

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021624AL\  
 Data File : FC065785.D  
 Signal(s) : FID1A.ch  
 Acq On : 16 Feb 2024 11:07  
 Operator : YP/AJ  
 Sample : P1473-04DL 2X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 16 12:24:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:26:08 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)    | 11.501 | 2736364    | 15.952 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 31.90%       |
| 12) S 1-chlorooctadecane (S... | 12.932 | 3420854    | 27.182 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 54.36%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 4) T n-Dodecane (C12)          | 6.372  | 21122      | 0.138 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.158  | 105130     | 0.708 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.752  | 112792     | 0.752 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.187 | 106907     | 0.693 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.491 | 154977     | 1.031 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.099 | 101979     | 0.682 ug/ml  |
| 13) T n-Docosane (C22)         | 13.682 | 148377     | 1.000 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.784 | 393809     | 2.649 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.797 | 118109     | 0.797 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.746 | 421695     | 2.874 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.621 | 436151     | 2.905 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.452 | 1134166    | 7.669 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.238 | 1870012    | 12.902 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.969 | 1273570    | 8.972 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.688 | 2007113    | 14.180 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.516 | 309525     | 2.219 ug/ml  |
| -----                          |        |            |              |

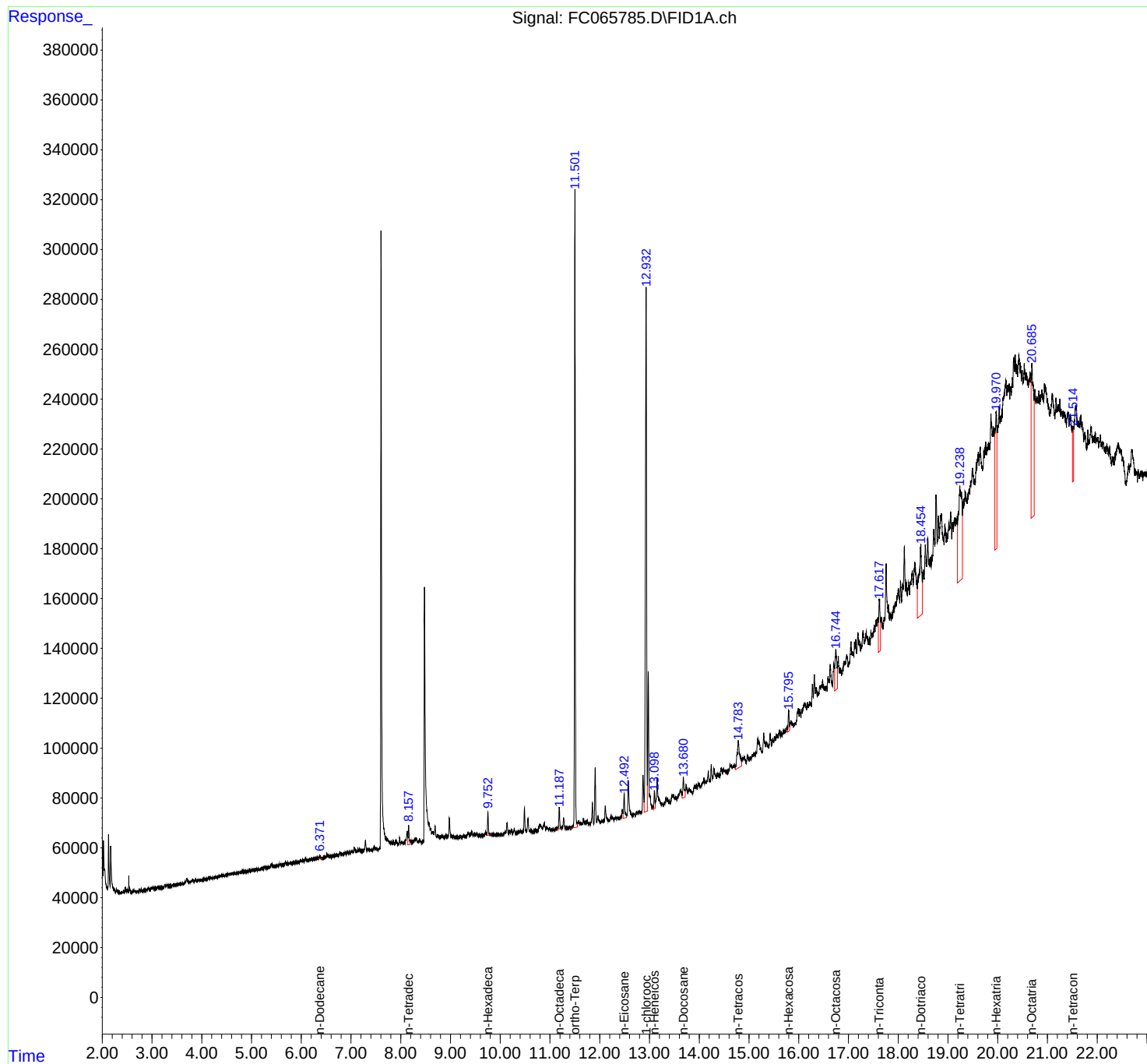
(f)=RT Delta > 1/2 Window

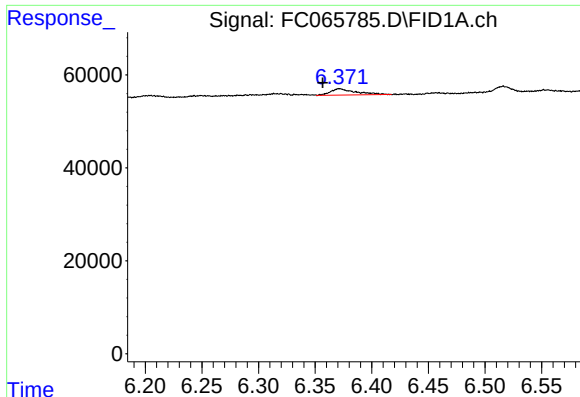
(m)=manual int.

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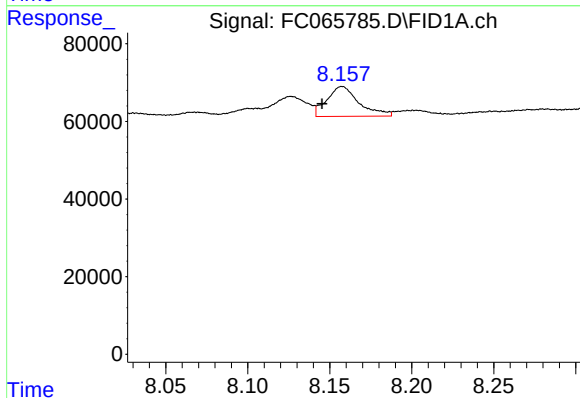
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





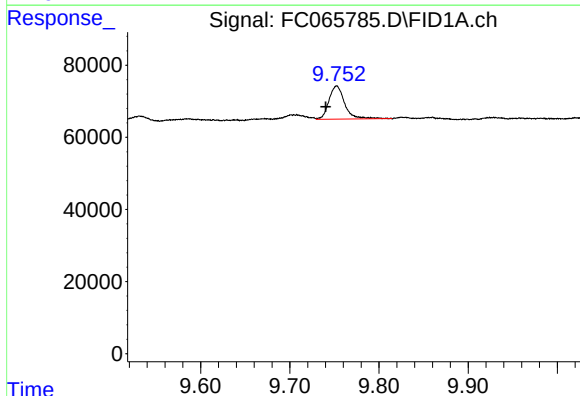
#4 n-Dodecane (C12)

R.T.: 6.372 min  
Delta R.T.: 0.015 min  
Response: 21122  
Conc: 0.14 ug/ml



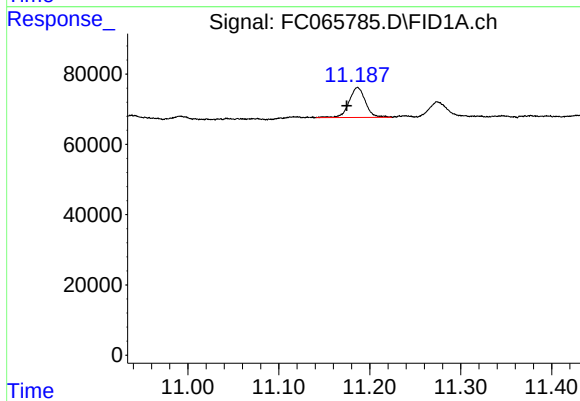
#6 n-Tetradecane (C14)

R.T.: 8.158 min  
Delta R.T.: 0.012 min  
Response: 105130  
Conc: 0.71 ug/ml



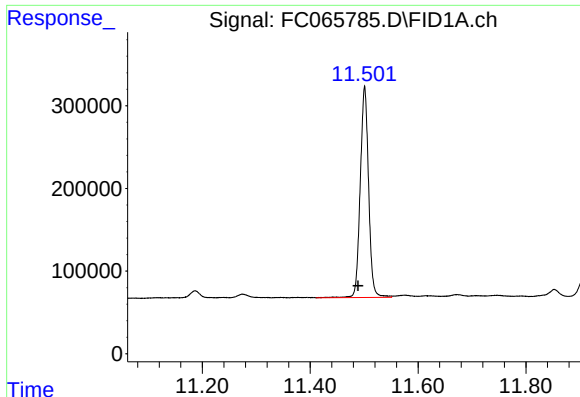
#7 n-Hexadecane (C16)

R.T.: 9.752 min  
Delta R.T.: 0.012 min  
Response: 112792  
Conc: 0.75 ug/ml



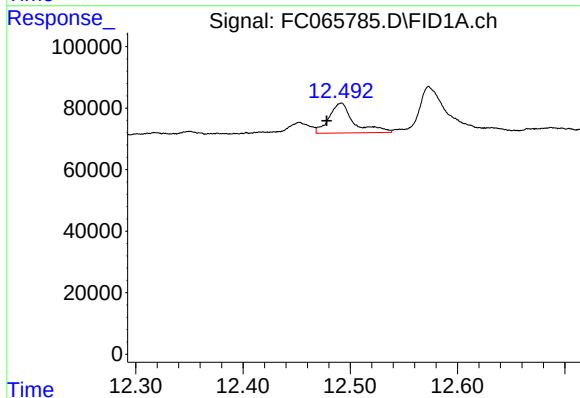
#8 n-Octadecane (C18)

R.T.: 11.187 min  
Delta R.T.: 0.012 min  
Response: 106907  
Conc: 0.69 ug/ml



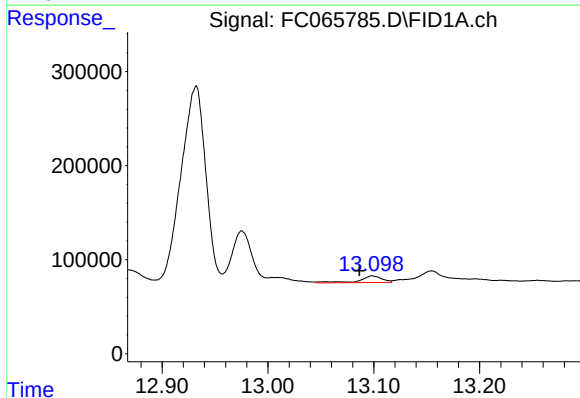
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min  
Delta R.T.: 0.012 min  
Response: 2736364  
Conc: 15.95 ug/ml



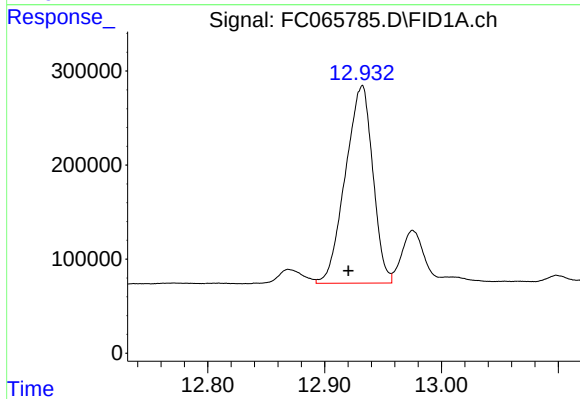
#10 n-Eicosane (C20)

R.T.: 12.491 min  
Delta R.T.: 0.013 min  
Response: 154977  
Conc: 1.03 ug/ml



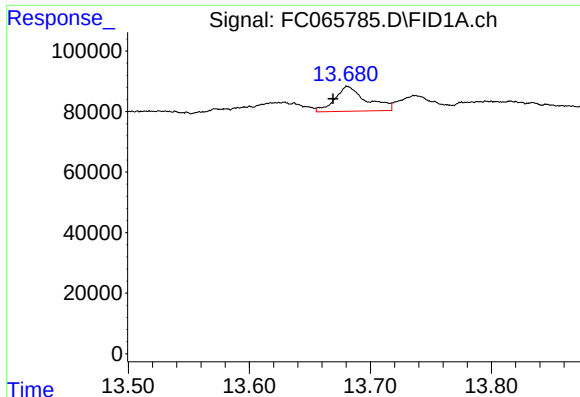
#11 n-Heneicosane (C21)

R.T.: 13.099 min  
Delta R.T.: 0.013 min  
Response: 101979  
Conc: 0.68 ug/ml



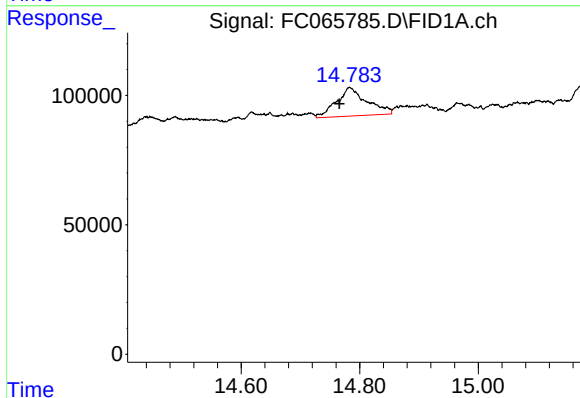
#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min  
Delta R.T.: 0.011 min  
Response: 3420854  
Conc: 27.18 ug/ml



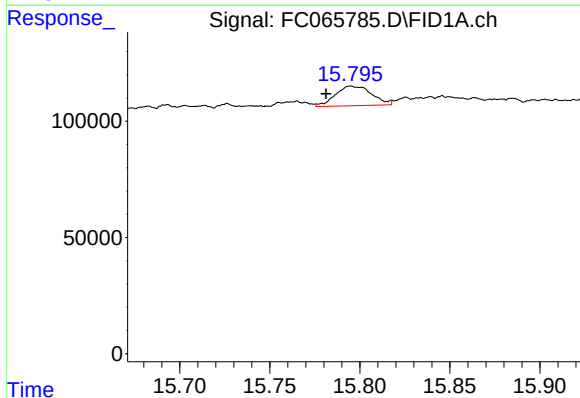
#13 n-Docosane (C22)

R.T.: 13.682 min  
Delta R.T.: 0.013 min  
Response: 148377  
Conc: 1.00 ug/ml



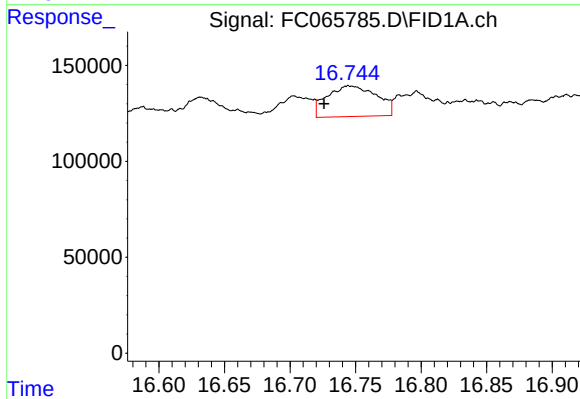
#14 n-Tetracosane (C24)

R.T.: 14.784 min  
Delta R.T.: 0.018 min  
Response: 393809  
Conc: 2.65 ug/ml



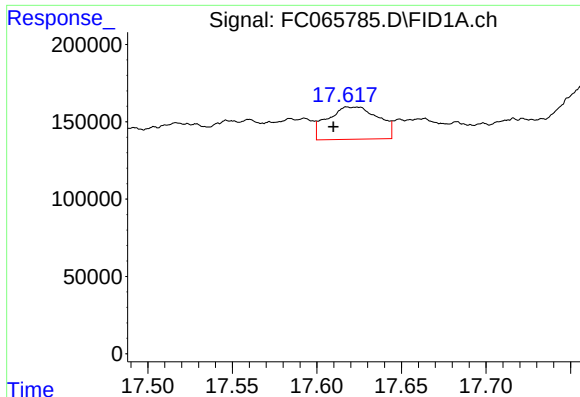
#15 n-Hexacosane (C26)

R.T.: 15.797 min  
Delta R.T.: 0.015 min  
Response: 118109  
Conc: 0.80 ug/ml



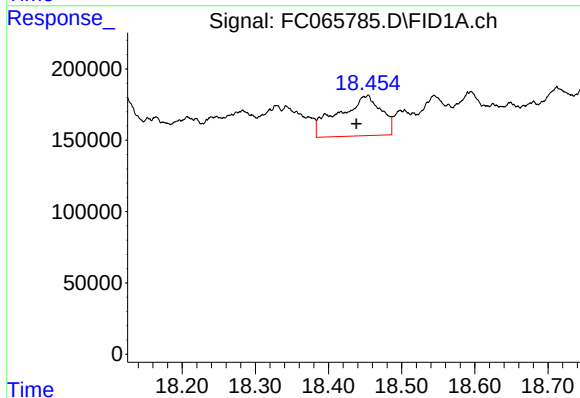
#16 n-Octacosane (C28)

R.T.: 16.746 min  
Delta R.T.: 0.020 min  
Response: 421695  
Conc: 2.87 ug/ml



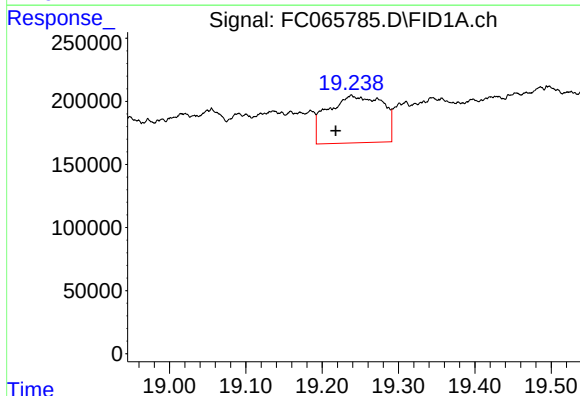
#17 n-Tricontane (C30)

R.T.: 17.621 min  
Delta R.T.: 0.012 min  
Response: 436151  
Conc: 2.91 ug/ml



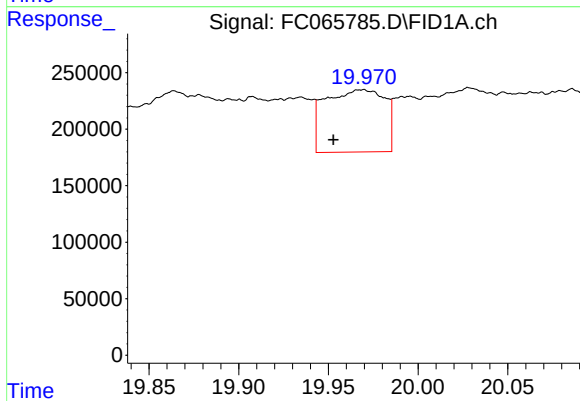
#18 n-Dotriacontane (C32)

R.T.: 18.452 min  
Delta R.T.: 0.014 min  
Response: 1134166  
Conc: 7.67 ug/ml



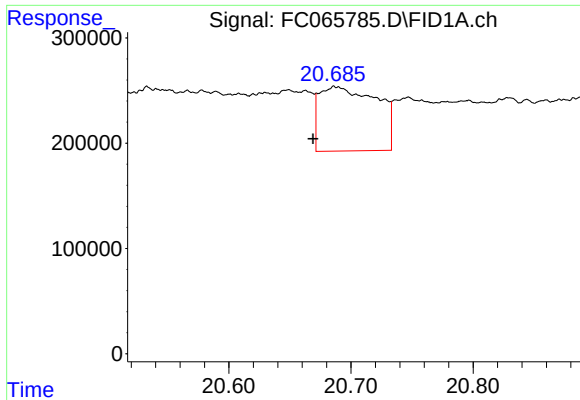
#19 n-Tetratriacontane (C34)

R.T.: 19.238 min  
Delta R.T.: 0.021 min  
Response: 1870012  
Conc: 12.90 ug/ml



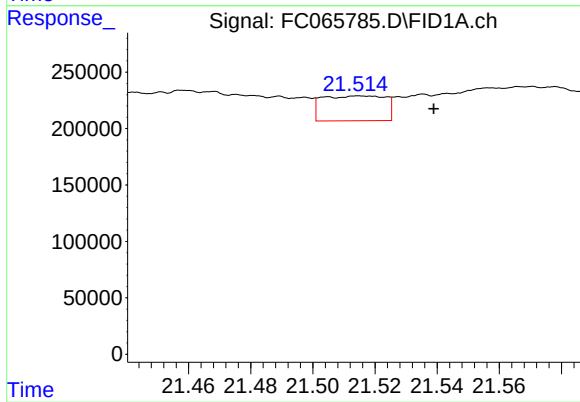
#20 n-Hexatriacontane (C36)

R.T.: 19.969 min  
Delta R.T.: 0.016 min  
Response: 1273570  
Conc: 8.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min  
Delta R.T.: 0.019 min  
Response: 2007113  
Conc: 14.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.516 min  
Delta R.T.: -0.023 min  
Response: 309525  
Conc: 2.22 ug/ml