

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071323AL\  
 Data File : FE043186.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Jul 2023 18:30  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 13 03:02:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:01:52 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)    | 11.898 | 937368     | 5.235 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.47%      |
| 12) S 1-chlorooctadecane (S... | 13.337 | 677459     | 5.156 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.31%      |
|                                |        |            |             |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.279  | 781728     | 5.120 ug/ml |
| 2) T n-Decane (C10)            | 4.531  | 793067     | 5.087 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.243  | 751254     | 4.669 ug/ml |
| 4) T n-Dodecane (C12)          | 6.701  | 800426     | 5.080 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.340  | 684471     | 4.511 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.530  | 818780     | 5.177 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.137 | 835460     | 5.162 ug/ml |
| 8) T n-Octadecane (C18)        | 11.580 | 851561     | 5.224 ug/ml |
| 10) T n-Eicosane (C20)         | 12.890 | 815350     | 5.248 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.501 | 797760     | 5.266 ug/ml |
| 13) T n-Docosane (C22)         | 14.088 | 784333     | 5.248 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.191 | 771241     | 5.252 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.213 | 750987     | 5.273 ug/ml |
| 16) T n-Octacosane (C28)       | 17.163 | 768390     | 5.461 ug/ml |
| 17) T n-Tricontane (C30)       | 18.050 | 855658     | 5.808 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.882 | 892195     | 6.021 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.667 | 848217     | 5.877 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.407 | 816773     | 5.557 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.145 | 786197     | 5.511 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.054 | 795126     | 5.388 ug/ml |
| -----                          |        |            |             |

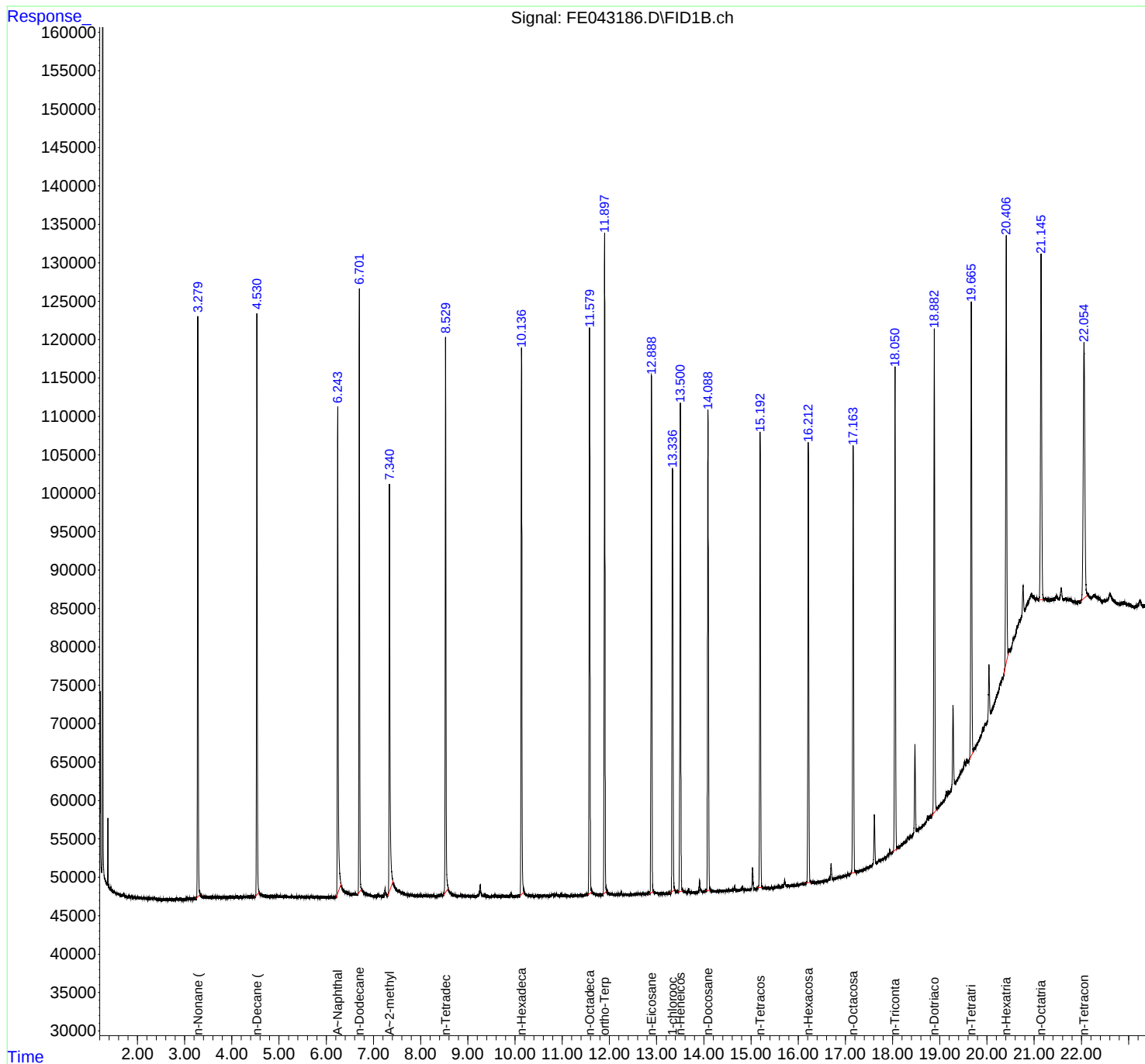
(f)=RT Delta > 1/2 Window

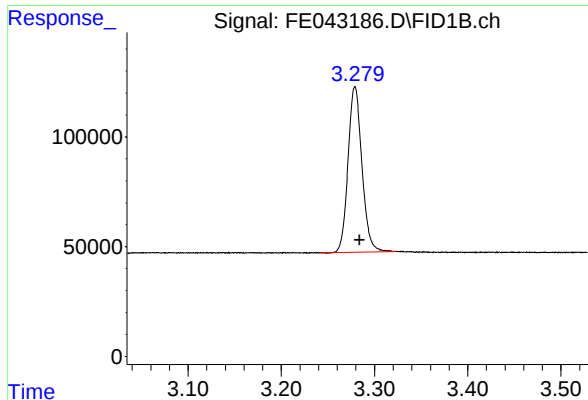
(m)=manual int.

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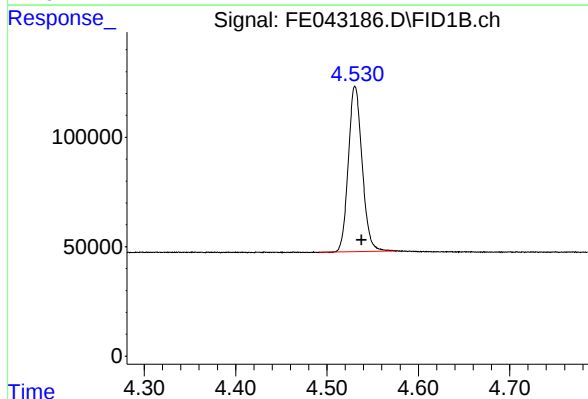
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





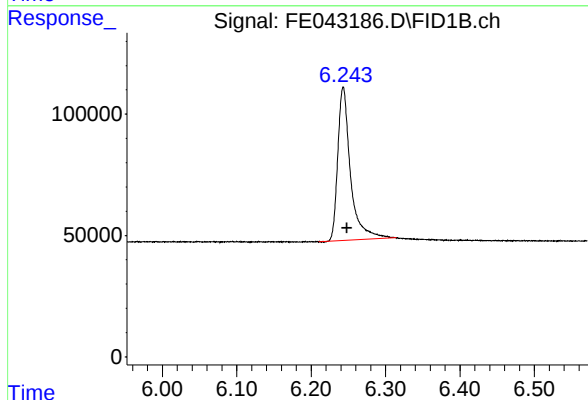
#1 n-Nonane (C9)

R.T.: 3.279 min  
Delta R.T.: -0.005 min  
Response: 781728  
Conc: 5.12 ug/ml



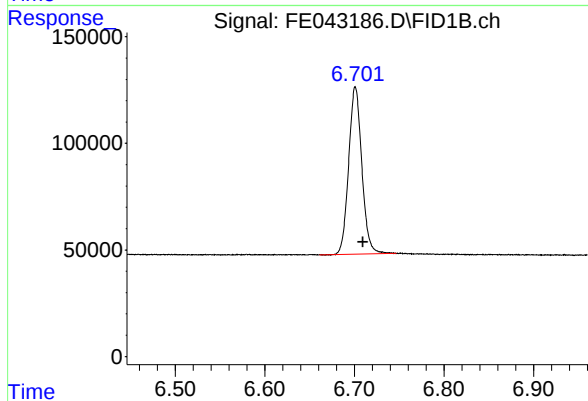
#2 n-Decane (C10)

R.T.: 4.531 min  
Delta R.T.: -0.007 min  
Response: 793067  
Conc: 5.09 ug/ml



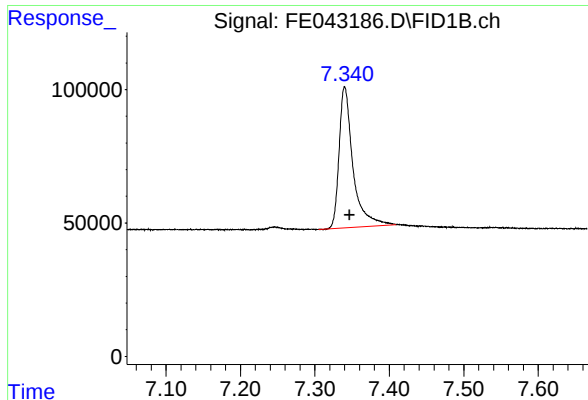
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min  
Delta R.T.: -0.005 min  
Response: 751254  
Conc: 4.67 ug/ml



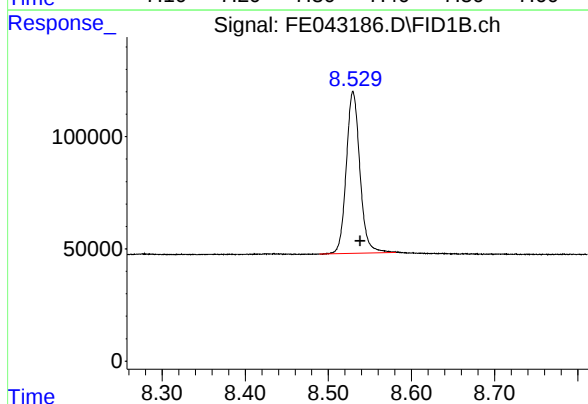
#4 n-Dodecane (C12)

R.T.: 6.701 min  
Delta R.T.: -0.008 min  
Response: 800426  
Conc: 5.08 ug/ml



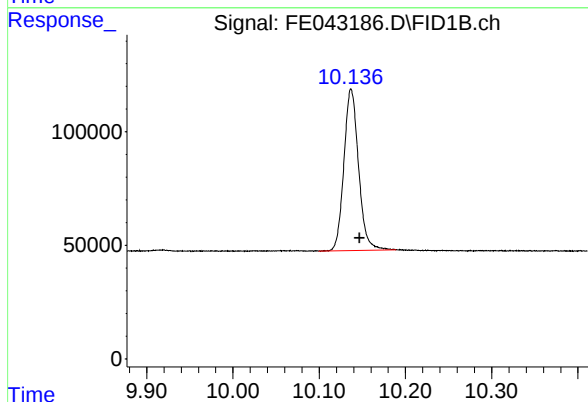
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min  
Delta R.T.: -0.007 min  
Response: 684471  
Conc: 4.51 ug/ml



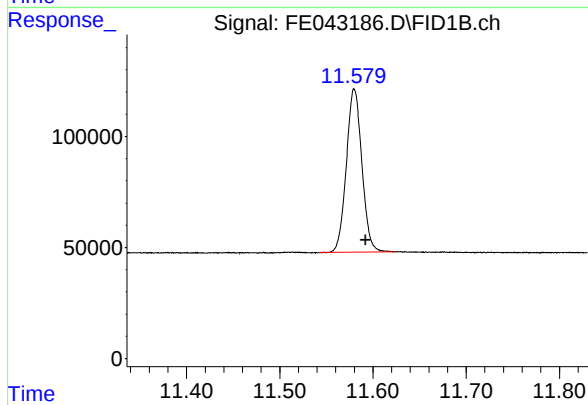
#6 n-Tetradecane (C14)

R.T.: 8.530 min  
Delta R.T.: -0.009 min  
Response: 818780  
Conc: 5.18 ug/ml



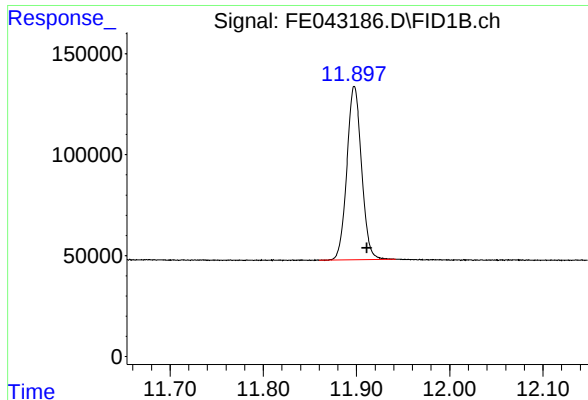
#7 n-Hexadecane (C16)

R.T.: 10.137 min  
Delta R.T.: -0.010 min  
Response: 835460  
Conc: 5.16 ug/ml



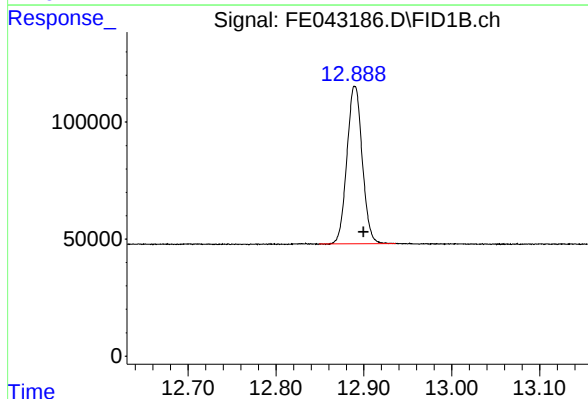
#8 n-Octadecane (C18)

R.T.: 11.580 min  
Delta R.T.: -0.012 min  
Response: 851561  
Conc: 5.22 ug/ml



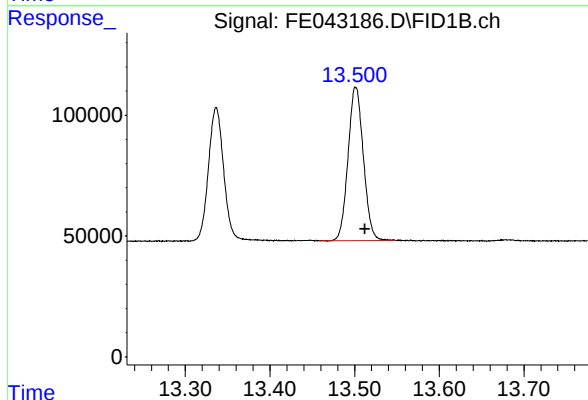
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min  
Delta R.T.: -0.014 min  
Response: 937368  
Conc: 5.23 ug/ml



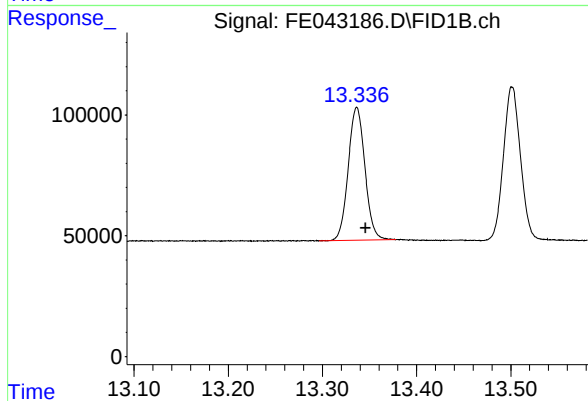
#10 n-Eicosane (C20)

R.T.: 12.890 min  
Delta R.T.: -0.010 min  
Response: 815350  
Conc: 5.25 ug/ml



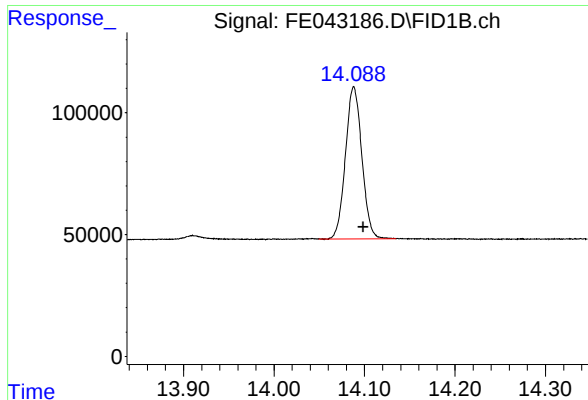
#11 n-Heneicosane (C21)

R.T.: 13.501 min  
Delta R.T.: -0.011 min  
Response: 797760  
Conc: 5.27 ug/ml



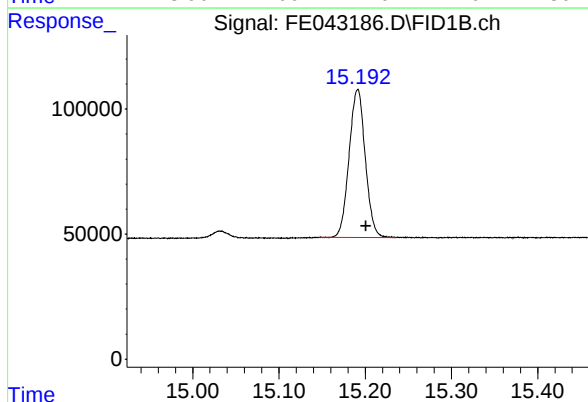
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min  
Delta R.T.: -0.009 min  
Response: 677459  
Conc: 5.16 ug/ml



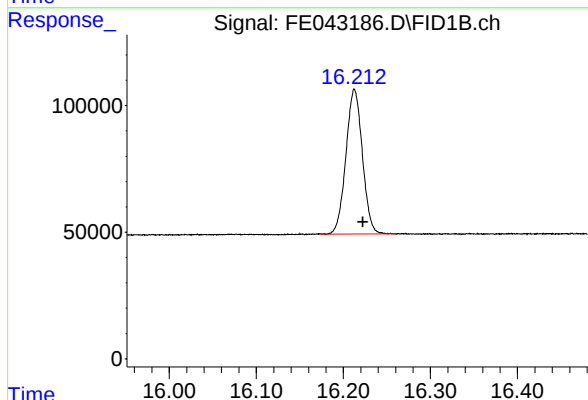
#13 n-Docosane (C22)

R.T.: 14.088 min  
Delta R.T.: -0.010 min  
Response: 784333  
Conc: 5.25 ug/ml



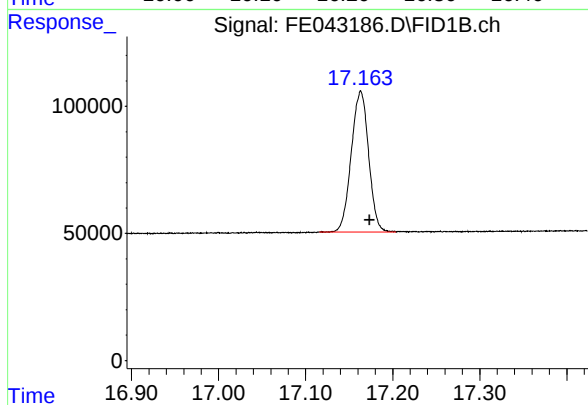
#14 n-Tetracosane (C24)

R.T.: 15.191 min  
Delta R.T.: -0.010 min  
Response: 771241  
Conc: 5.25 ug/ml



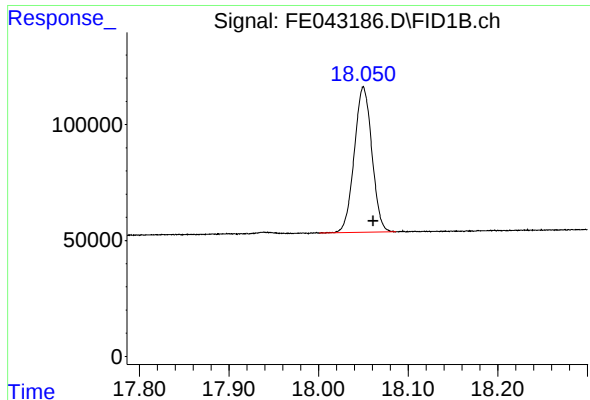
#15 n-Hexacosane (C26)

R.T.: 16.213 min  
Delta R.T.: -0.010 min  
Response: 750987  
Conc: 5.27 ug/ml



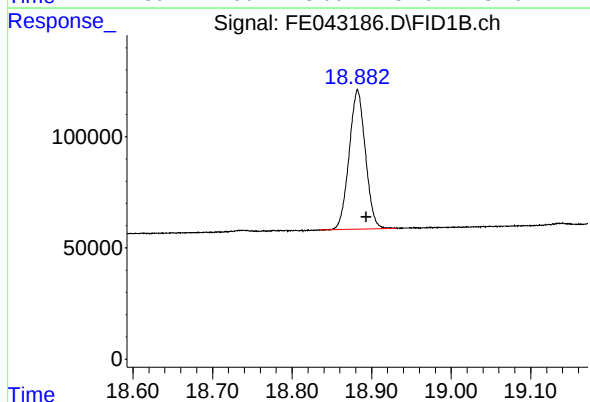
#16 n-Octacosane (C28)

R.T.: 17.163 min  
Delta R.T.: -0.010 min  
Response: 768390  
Conc: 5.46 ug/ml



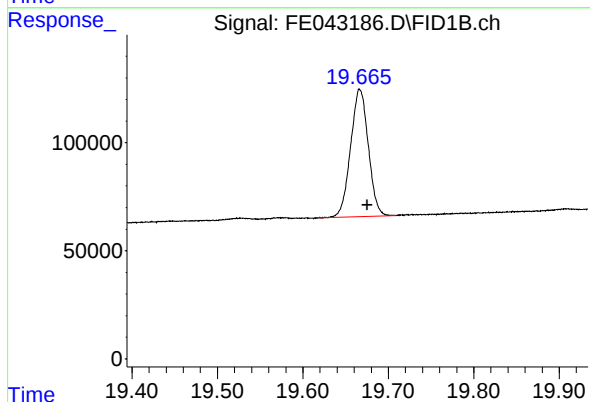
#17 n-Tricontane (C30)

R.T.: 18.050 min  
Delta R.T.: -0.011 min  
Response: 855658  
Conc: 5.81 ug/ml



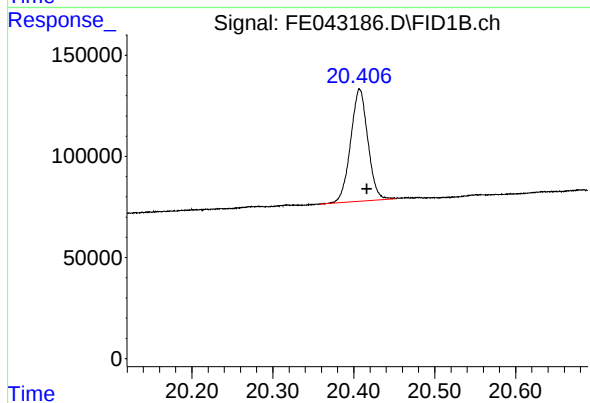
#18 n-Dotriacontane (C32)

R.T.: 18.882 min  
Delta R.T.: -0.011 min  
Response: 892195  
Conc: 6.02 ug/ml



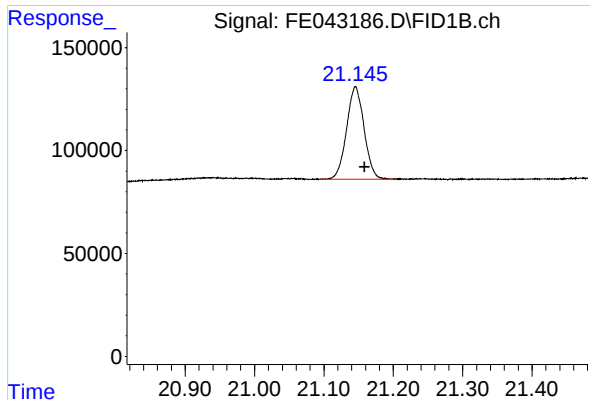
#19 n-Tetatriacontane (C34)

R.T.: 19.667 min  
Delta R.T.: -0.009 min  
Response: 848217  
Conc: 5.88 ug/ml



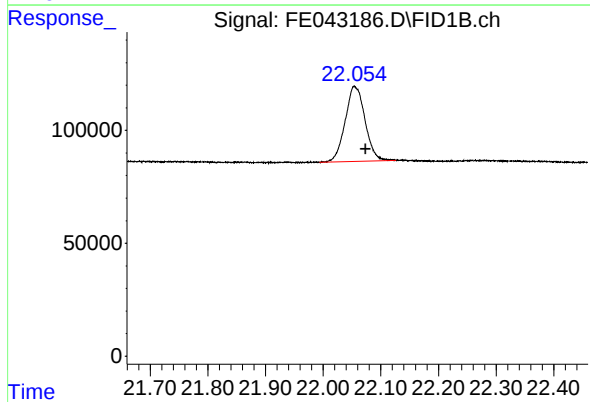
#20 n-Hexatriacontane (C36)

R.T.: 20.407 min  
Delta R.T.: -0.009 min  
Response: 816773  
Conc: 5.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min  
Delta R.T.: -0.013 min  
Response: 786197  
Conc: 5.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.054 min  
Delta R.T.: -0.020 min  
Response: 795126  
Conc: 5.39 ug/ml