

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010824AL\  
 Data File : FE046102.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Jan 2024 18:50  
 Operator : YP\AJ  
 Sample : P1054-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 09 00:30:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122923.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:49:54 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)    | 11.839 | 7292074    | 40.127 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 80.25%        |
| 12) S 1-chlorooctadecane (S... | 13.312 | 119578320  | 894.977 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 1789.95%      |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 2) T n-Decane (C10)            | 4.469  | 176831     | 1.139 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 6.171  | 84773      | 0.510 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.639  | 1703545    | 10.911 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.274  | 1160913    | 7.292 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.466  | 2971254    | 19.074 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.076 | 3571273    | 22.552 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.523 | 2727944    | 17.332 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.834 | 1777593    | 11.751 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.458 | 1227649    | 8.348 ug/ml   |
| 13) T n-Docosane (C22)         | 14.037 | 954413     | 6.529 ug/ml   |
| 14) T n-Tetracosane (C24)      | 15.140 | 657036     | 4.530 ug/ml   |
| 15) T n-Hexacosane (C26)       | 16.165 | 280958     | 1.960 ug/ml   |
| 16) T n-Octacosane (C28)       | 17.116 | 268454     | 1.872 ug/ml   |
| 17) T n-Tricontane (C30)       | 18.010 | 276270     | 1.859 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.842 | 312218     | 2.088 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.644 | 264680     | 1.848 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.387 | 67151      | 0.461 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 21.119 | 144768     | 0.982 ug/ml   |
| 22) T n-Tetracontane (C40)     | 22.017 | 253970     | 1.623 ug/ml   |
| -----                          |        |            |               |

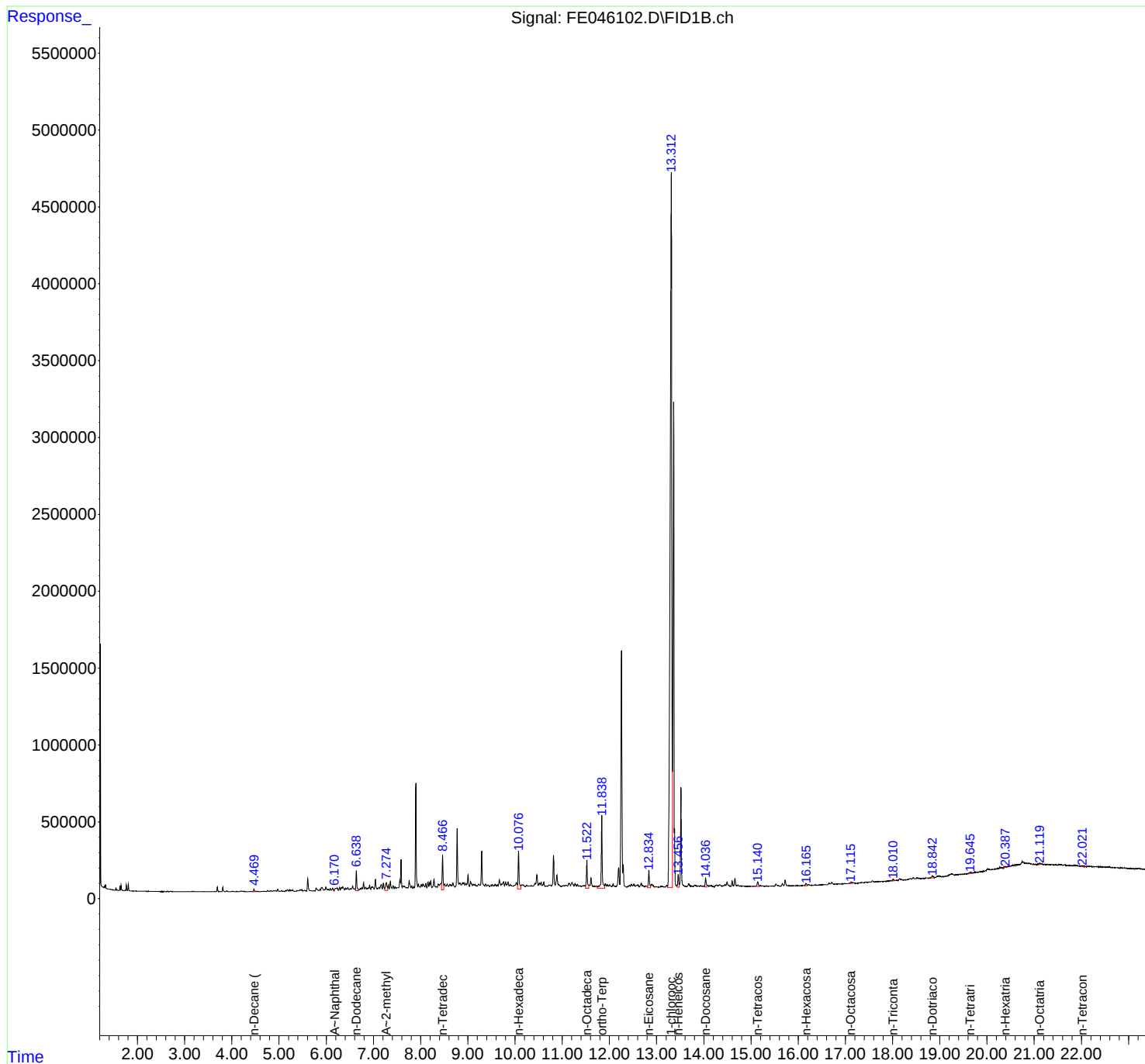
(f)=RT Delta > 1/2 Window

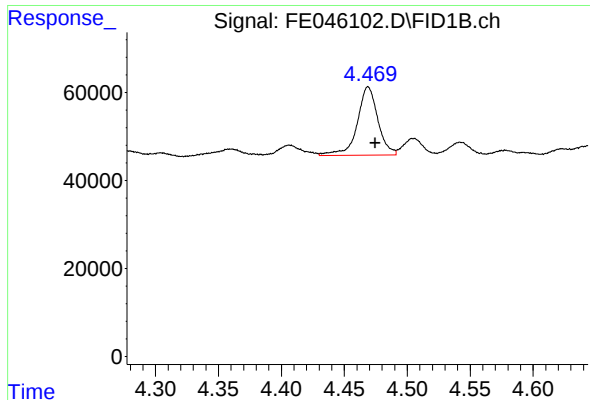
(m)=manual int.

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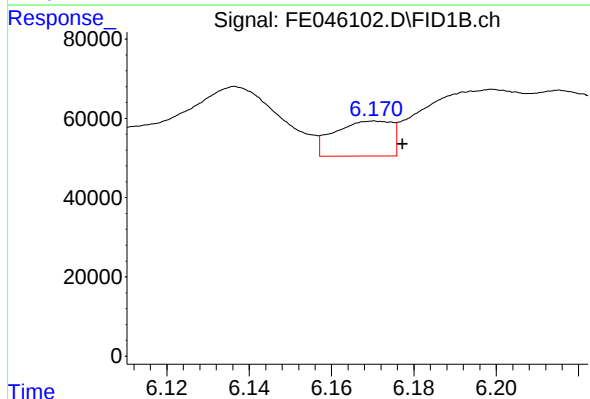
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





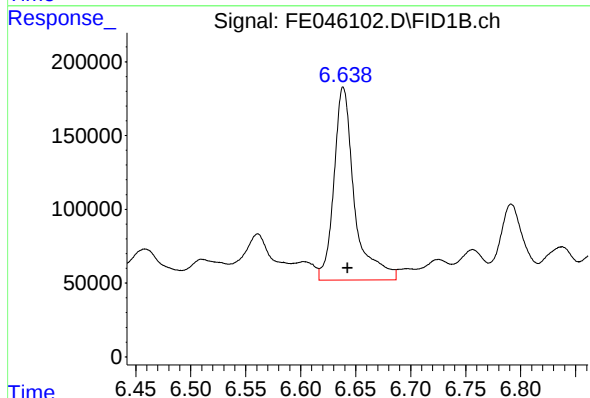
#2 n-Decane (C10)

R.T.: 4.469 min  
Delta R.T.: -0.006 min  
Response: 176831  
Conc: 1.14 ug/ml



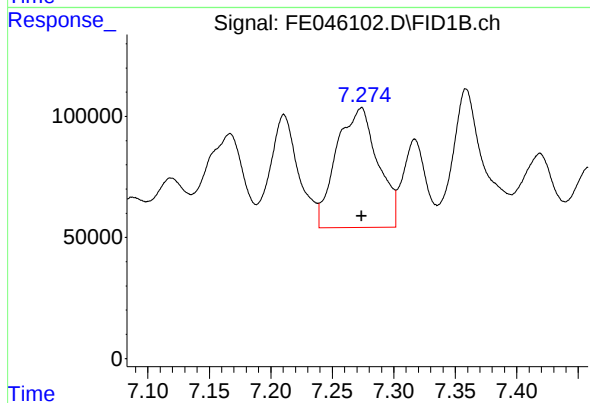
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min  
Delta R.T.: -0.007 min  
Response: 84773  
Conc: 0.51 ug/ml



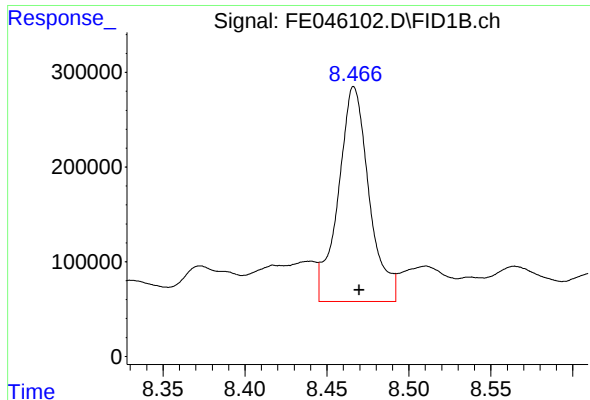
#4 n-Dodecane (C12)

R.T.: 6.639 min  
Delta R.T.: -0.004 min  
Response: 1703545  
Conc: 10.91 ug/ml



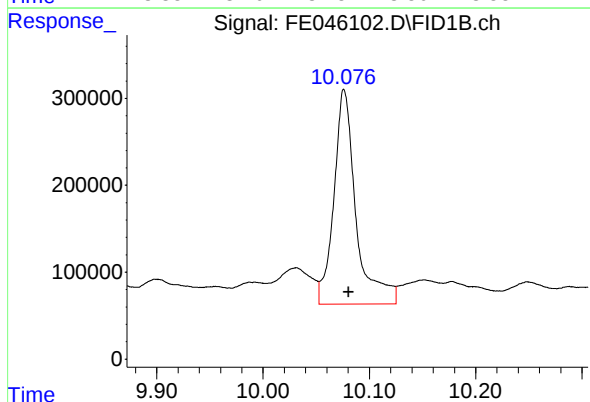
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min  
Delta R.T.: 0.000 min  
Response: 1160913  
Conc: 7.29 ug/ml



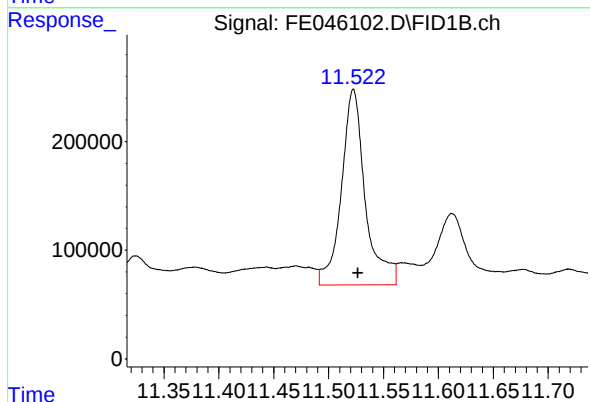
#6 n-Tetradecane (C14)

R.T.: 8.466 min  
Delta R.T.: -0.003 min  
Response: 2971254  
Conc: 19.07 ug/ml



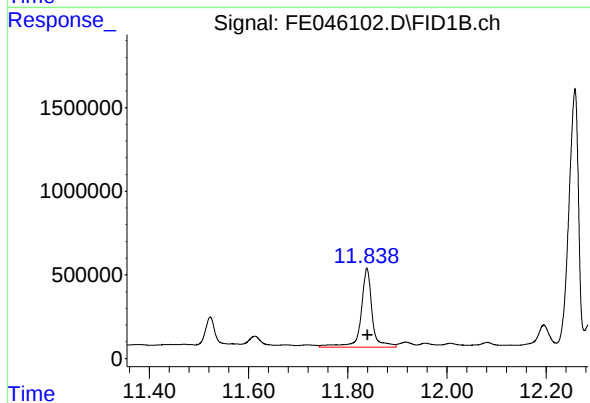
#7 n-Hexadecane (C16)

R.T.: 10.076 min  
Delta R.T.: -0.004 min  
Response: 3571273  
Conc: 22.55 ug/ml



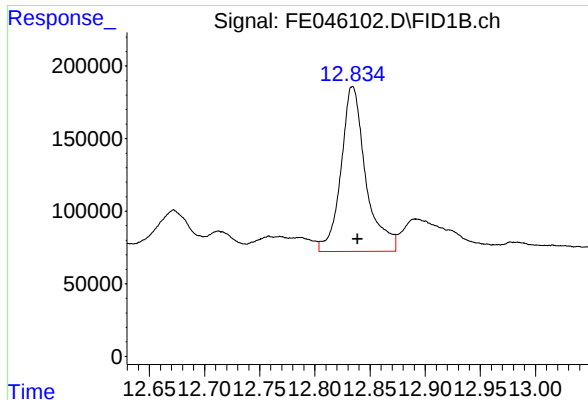
#8 n-Octadecane (C18)

R.T.: 11.523 min  
Delta R.T.: -0.004 min  
Response: 2727944  
Conc: 17.33 ug/ml



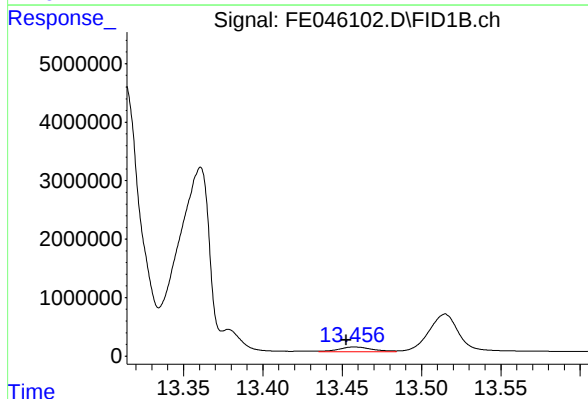
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min  
Delta R.T.: -0.002 min  
Response: 7292074  
Conc: 40.13 ug/ml



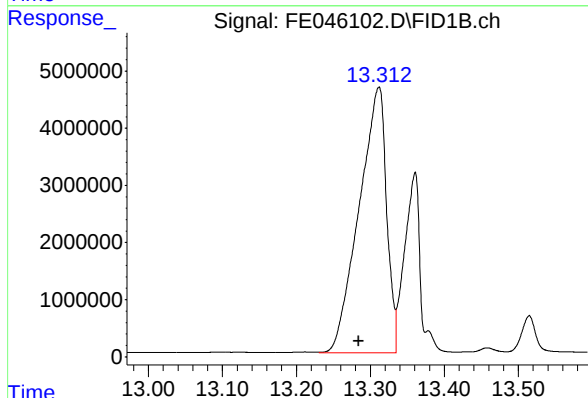
#10 n-Eicosane (C20)

R.T.: 12.834 min  
Delta R.T.: -0.005 min  
Response: 1777593  
Conc: 11.75 ug/ml



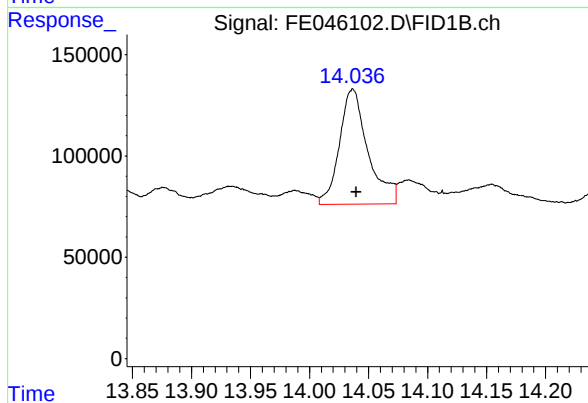
#11 n-Heneicosane (C21)

R.T.: 13.458 min  
Delta R.T.: 0.005 min  
Response: 1227649  
Conc: 8.35 ug/ml



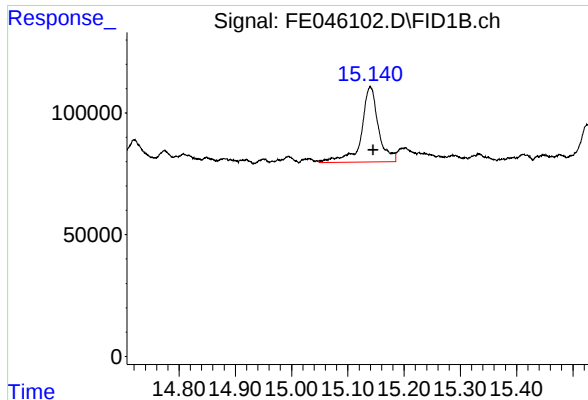
#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min  
Delta R.T.: 0.027 min  
Response: 119578320  
Conc: 894.98 ug/ml



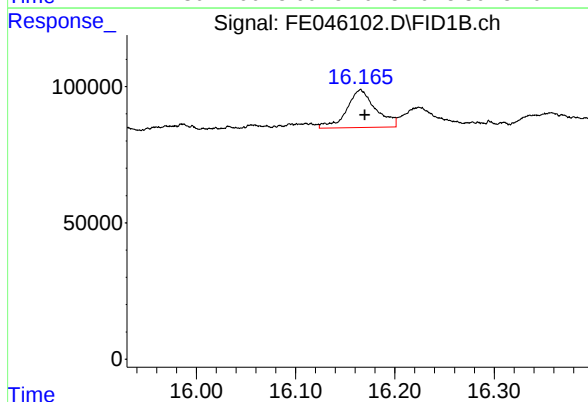
#13 n-Docosane (C22)

R.T.: 14.037 min  
Delta R.T.: -0.003 min  
Response: 954413  
Conc: 6.53 ug/ml



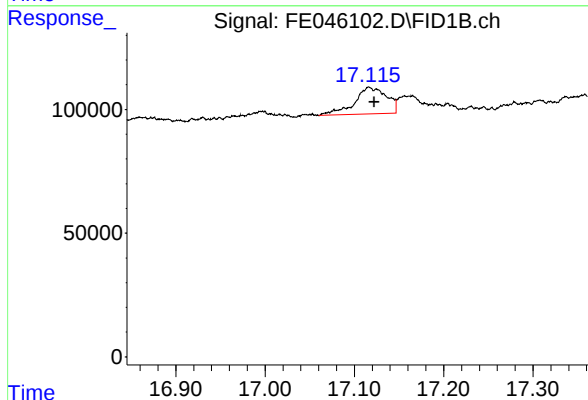
#14 n-Tetracosane (C24)

R.T.: 15.140 min  
Delta R.T.: -0.005 min  
Response: 657036  
Conc: 4.53 ug/ml



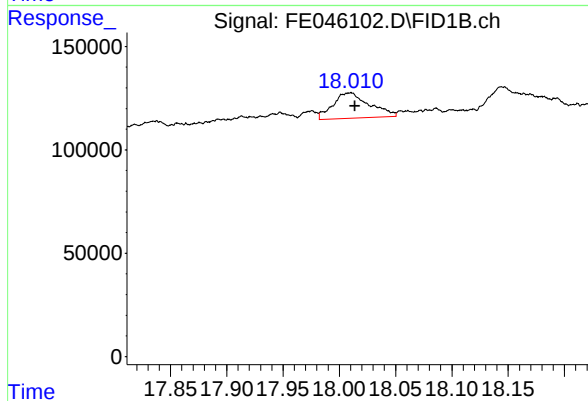
#15 n-Hexacosane (C26)

R.T.: 16.165 min  
Delta R.T.: -0.005 min  
Response: 280958  
Conc: 1.96 ug/ml



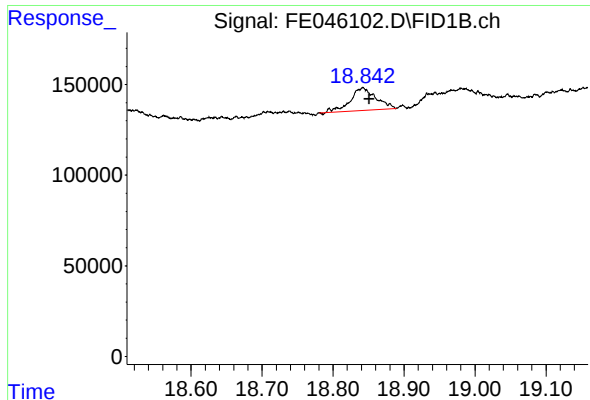
#16 n-Octacosane (C28)

R.T.: 17.116 min  
Delta R.T.: -0.006 min  
Response: 268454  
Conc: 1.87 ug/ml



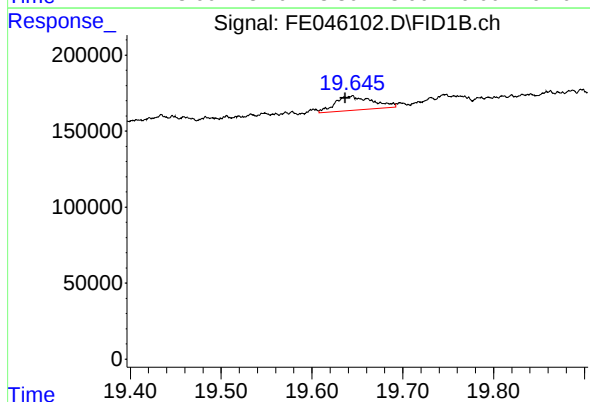
#17 n-Tricontane (C30)

R.T.: 18.010 min  
Delta R.T.: -0.004 min  
Response: 276270  
Conc: 1.86 ug/ml



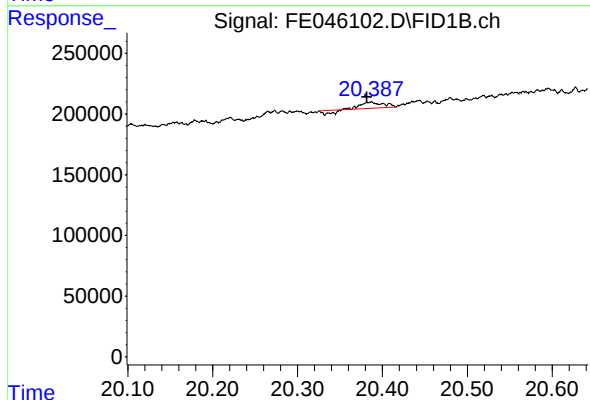
#18 n-Dotriacontane (C32)

R.T.: 18.842 min  
Delta R.T.: -0.009 min  
Response: 312218  
Conc: 2.09 ug/ml



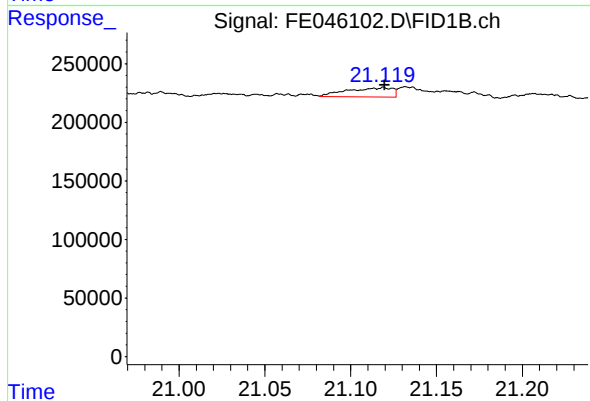
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min  
Delta R.T.: 0.007 min  
Response: 264680  
Conc: 1.85 ug/ml



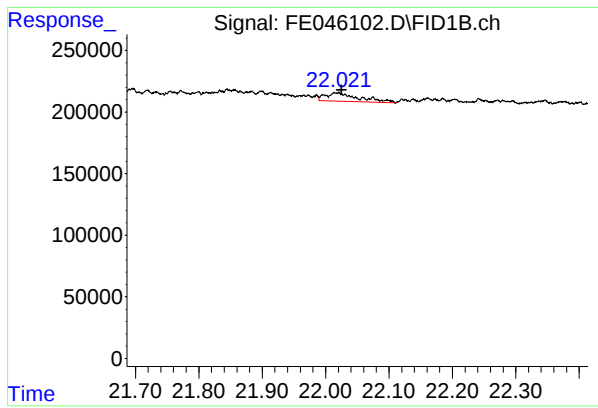
#20 n-Hexatriacontane (C36)

R.T.: 20.387 min  
Delta R.T.: 0.005 min  
Response: 67151  
Conc: 0.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min  
Delta R.T.: 0.000 min  
Response: 144768  
Conc: 0.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.017 min  
Delta R.T.: -0.008 min  
Response: 253970  
Conc: 1.62 ug/ml