

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032124AL\  
 Data File : FE047245.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Mar 2024 12:31  
 Operator : YP\AJ  
 Sample : P1810-01DL2 20X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 22 01:21:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 031324.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 14 01:54:27 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)    | 11.979  | 1300029    | 7.879 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 15.76%      |
| 12) S 1-chlorooctadecane (S... | 13.415  | 822843     | 6.454 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 12.91%      |
|                                |         |            |             |
| Target Compounds               |         |            |             |
| 6) T n-Tetradecane (C14)       | 8.613   | 48865      | 0.321 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.237  | 596507     | 3.790 ug/ml |
| 8) T n-Octadecane (C18)        | 11.639  | 413643     | 2.597 ug/ml |
| 10) T n-Eicosane (C20)         | 12.969  | 402822     | 2.621 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.520f | 119872     | 0.792 ug/ml |
| 13) T n-Docosane (C22)         | 14.167  | 64190      | 0.427 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.231  | 119975     | 0.803 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.330f | 67138      | 0.461 ug/ml |
| 16) T n-Octacosane (C28)       | 17.216  | 28027      | 0.199 ug/ml |
| 17) T n-Tricontane (C30)       | 18.068  | 33904      | 0.240 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.917  | 82443      | 0.598 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.728  | 82180      | 0.629 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.388f | 87804      | 0.705 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.190  | 723902     | 5.830 ug/ml |
| -----                          |         |            |             |

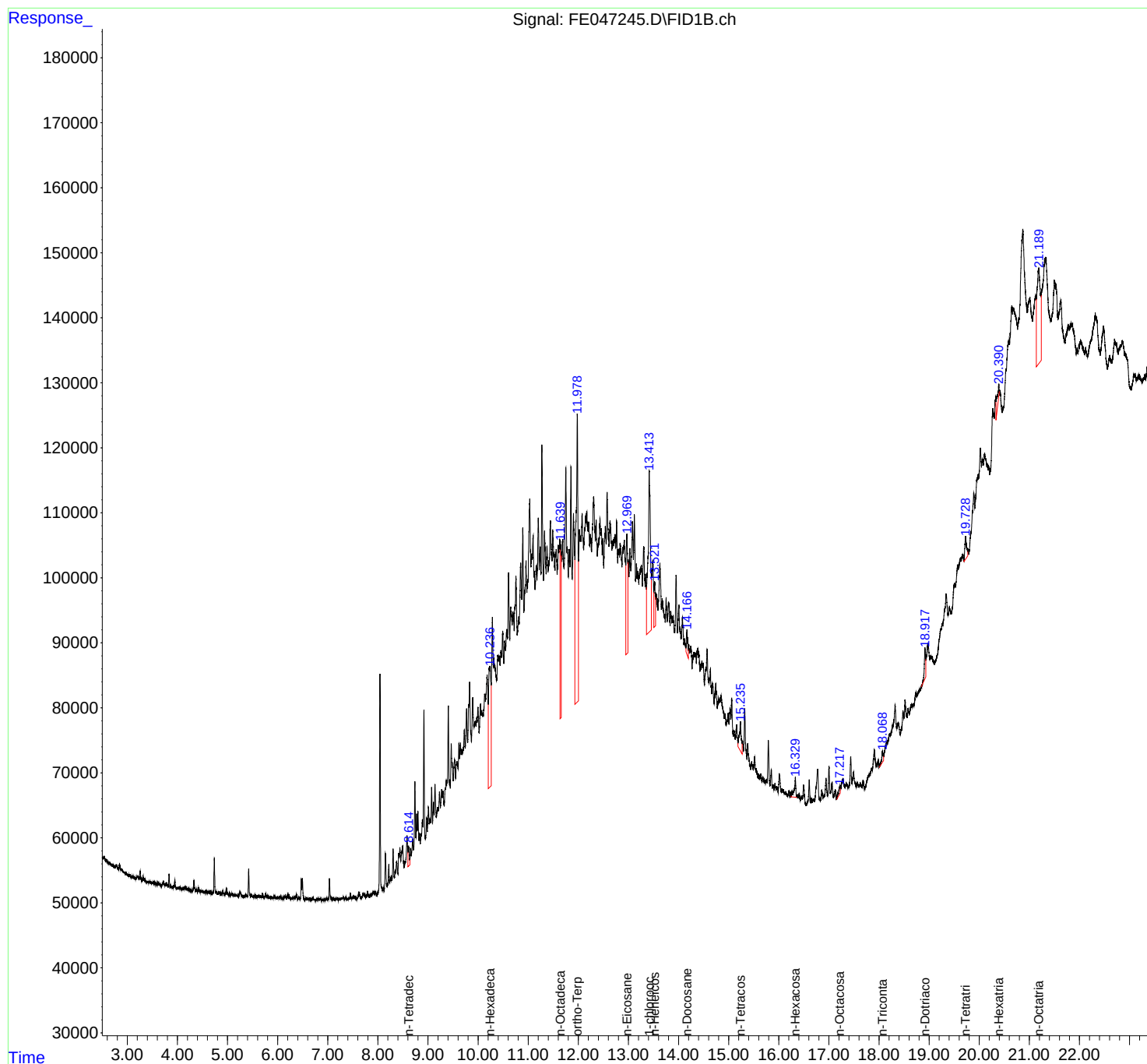
(f)=RT Delta > 1/2 Window

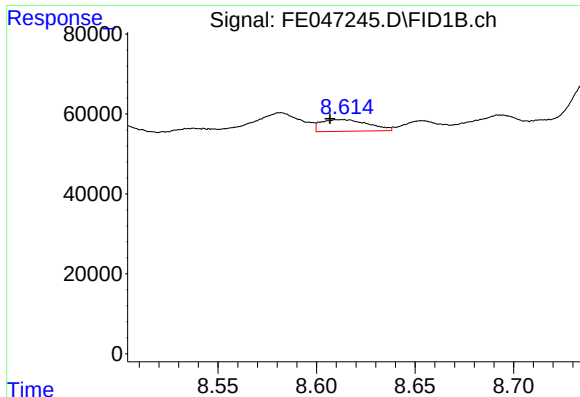
(m)=manual int.

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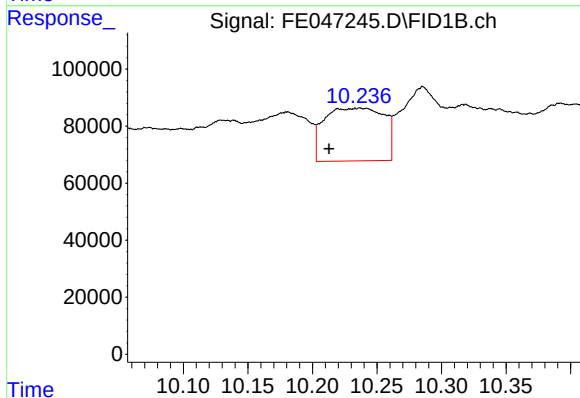
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





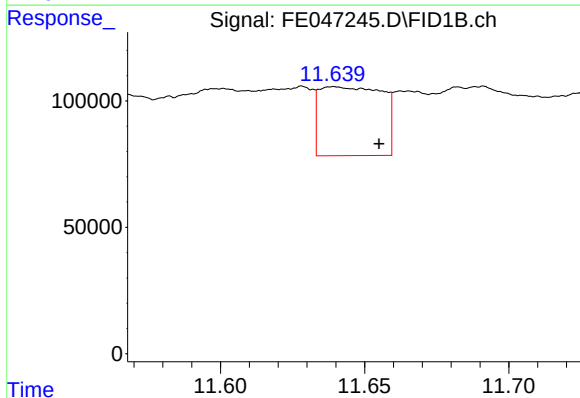
#6 n-Tetradecane (C14)

R.T.: 8.613 min  
Delta R.T.: 0.006 min  
Response: 48865  
Conc: 0.32 ug/ml



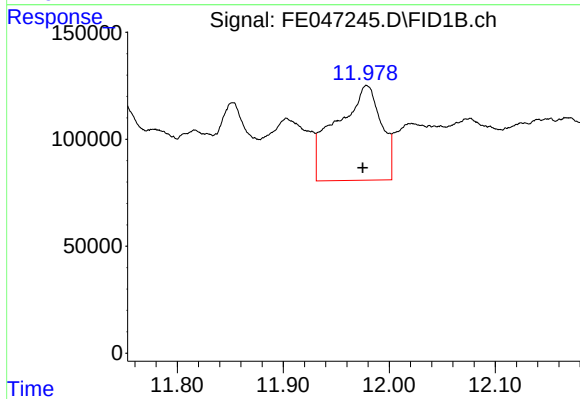
#7 n-Hexadecane (C16)

R.T.: 10.237 min  
Delta R.T.: 0.024 min  
Response: 596507  
Conc: 3.79 ug/ml



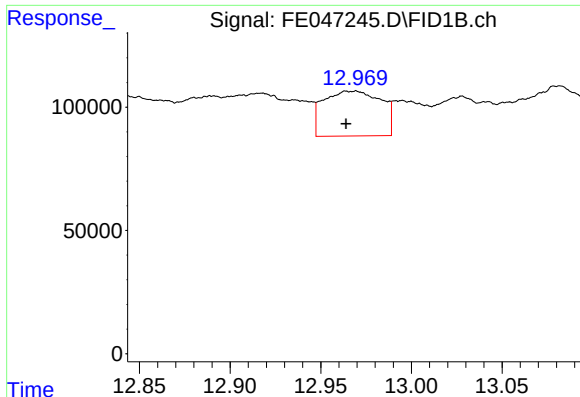
#8 n-Octadecane (C18)

R.T.: 11.639 min  
Delta R.T.: -0.016 min  
Response: 413643  
Conc: 2.60 ug/ml



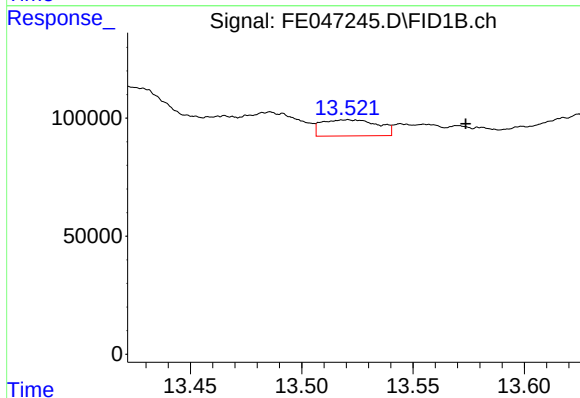
#9 ortho-Terphenyl (SURR)

R.T.: 11.979 min  
Delta R.T.: 0.004 min  
Response: 1300029  
Conc: 7.88 ug/ml



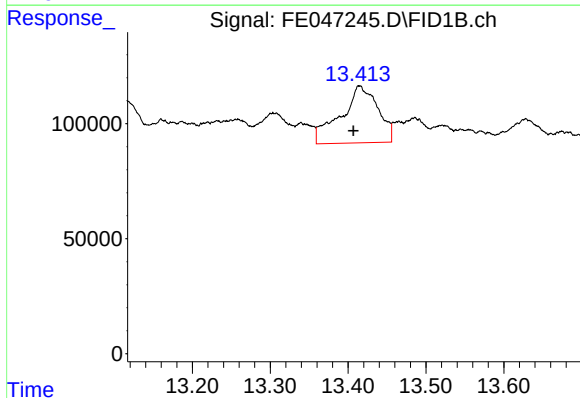
#10 n-Eicosane (C20)

R.T.: 12.969 min  
Delta R.T.: 0.005 min  
Response: 402822  
Conc: 2.62 ug/ml



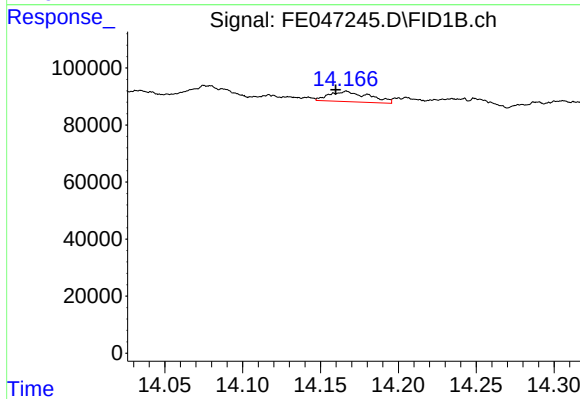
#11 n-Heneicosane (C21)

R.T.: 13.520 min  
Delta R.T.: -0.053 min  
Response: 119872  
Conc: 0.79 ug/ml



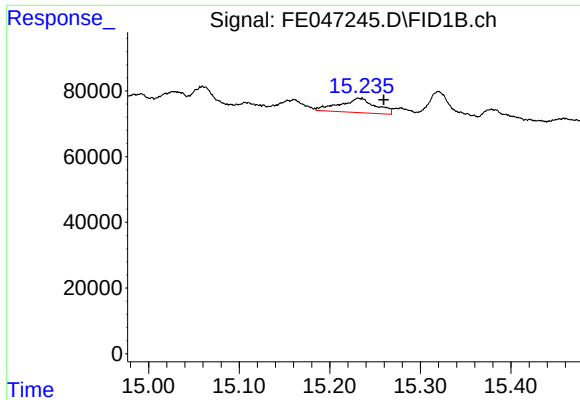
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min  
Delta R.T.: 0.008 min  
Response: 822843  
Conc: 6.45 ug/ml



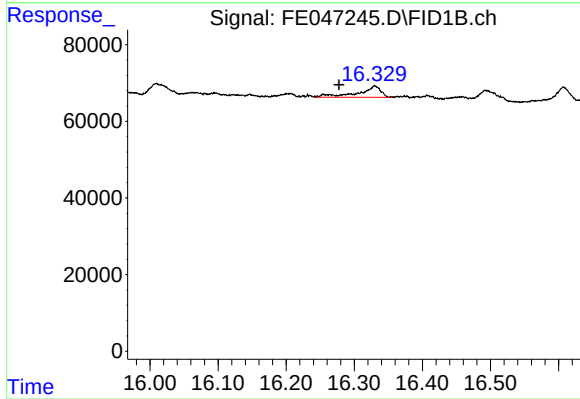
#13 n-Docosane (C22)

R.T.: 14.167 min  
Delta R.T.: 0.007 min  
Response: 64190  
Conc: 0.43 ug/ml



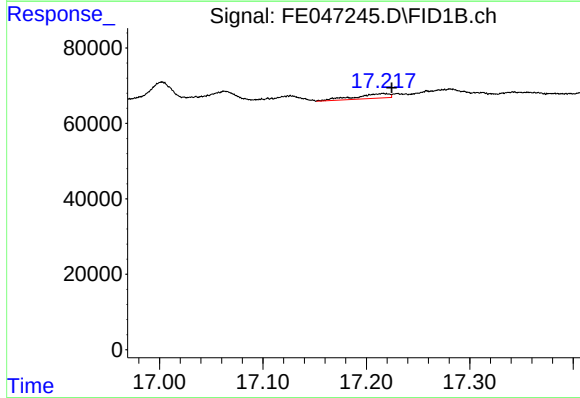
#14 n-Tetracosane (C24)

R.T.: 15.231 min  
Delta R.T.: -0.028 min  
Response: 119975  
Conc: 0.80 ug/ml



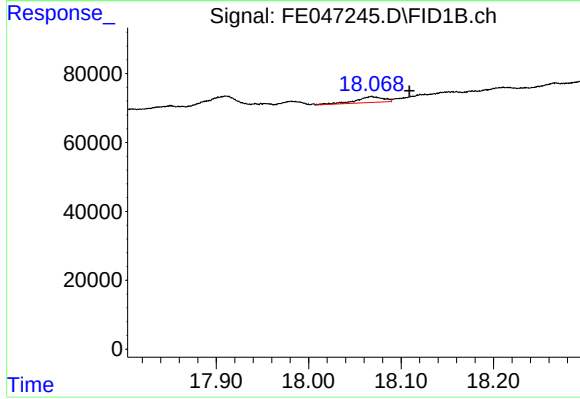
#15 n-Hexacosane (C26)

R.T.: 16.330 min  
Delta R.T.: 0.052 min  
Response: 67138  
Conc: 0.46 ug/ml



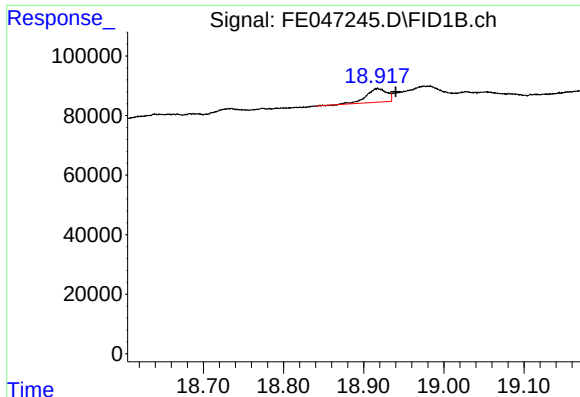
#16 n-Octacosane (C28)

R.T.: 17.216 min  
Delta R.T.: -0.008 min  
Response: 28027  
Conc: 0.20 ug/ml



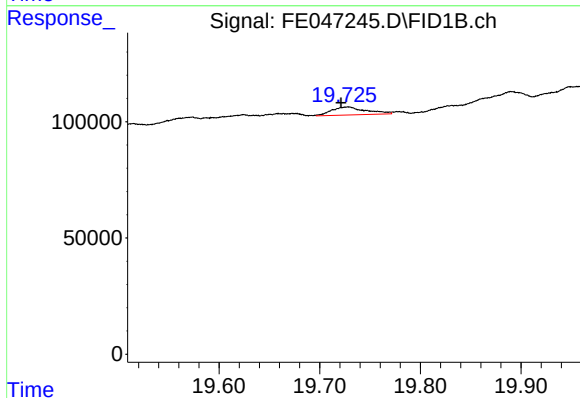
#17 n-Tricontane (C30)

R.T.: 18.068 min  
Delta R.T.: -0.041 min  
Response: 33904  
Conc: 0.24 ug/ml



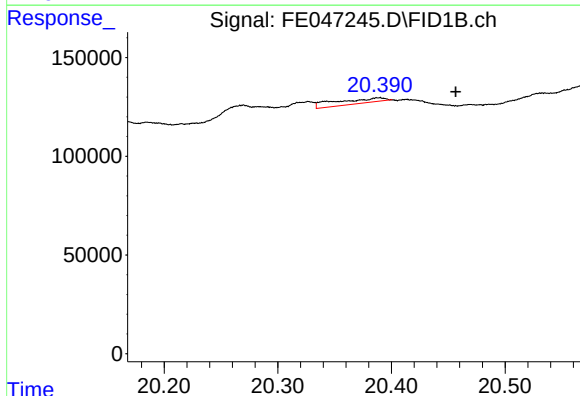
#18 n-Dotriacontane (C32)

R.T.: 18.917 min  
Delta R.T.: -0.023 min  
Response: 82443  
Conc: 0.60 ug/ml



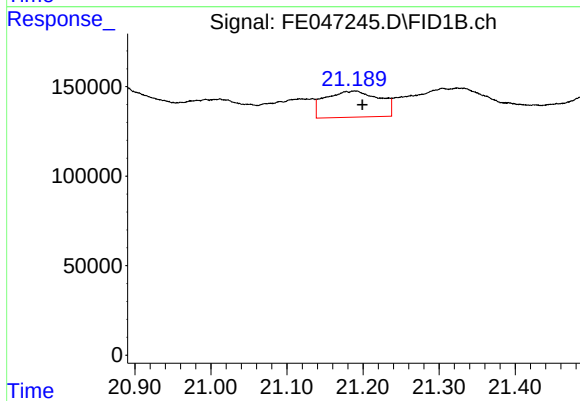
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min  
Delta R.T.: 0.007 min  
Response: 82180  
Conc: 0.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min  
Delta R.T.: -0.068 min  
Response: 87804  
Conc: 0.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min  
Delta R.T.: -0.009 min  
Response: 723902  
Conc: 5.83 ug/ml