

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010621AR\  
 Data File : FD035906.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Jan 2021 15:34  
 Operator : DD\AJ  
 Sample : M1004-04  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 07 02:58:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122120.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 09:21:33 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

| Compound                           | R.T.    | Response   | Conc Units   |
|------------------------------------|---------|------------|--------------|
| -----                              |         |            |              |
| System Monitoring Compounds        |         |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.578   | 5777378    | 52.941 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 105.88%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.444   | 3455804    | 49.777 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 99.55%       |
| 11) S ortho-Terphenyl (SURR)       | 11.476  | 3817040    | 29.531 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 59.06%       |
| Target Compounds                   |         |            |              |
| 5) T Acenaphthylene (C15.06)       | 8.258   | 187390     | 1.481 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.720  | 1142351    | 9.367 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.807  | 214983     | 1.718 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.532  | 2084006    | 17.101 ug/ml |
| 13) T Pyrene (C20.8)               | 12.828  | 1498098    | 12.244 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.705  | 637341     | 6.482 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.746  | 918573     | 7.496 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.292  | 390366     | 4.099 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.292  | 390366     | 3.544 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.644  | 600553     | 6.596 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.018  | 341496     | 4.217 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.018f | 341496     | 3.196 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.269  | 367670     | 3.977 ug/ml  |
| -----                              |         |            |              |

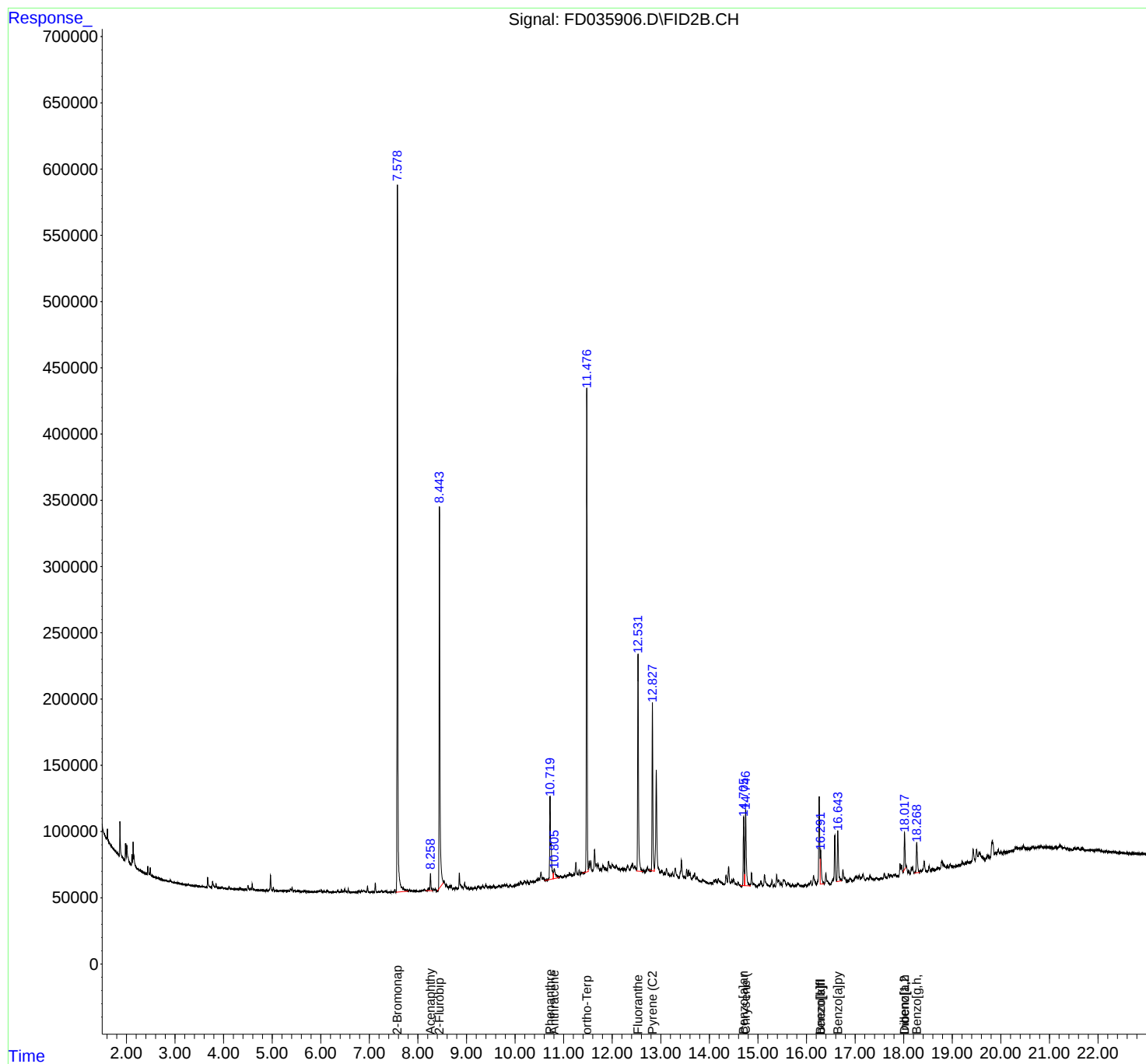
(f)=RT Delta > 1/2 Window

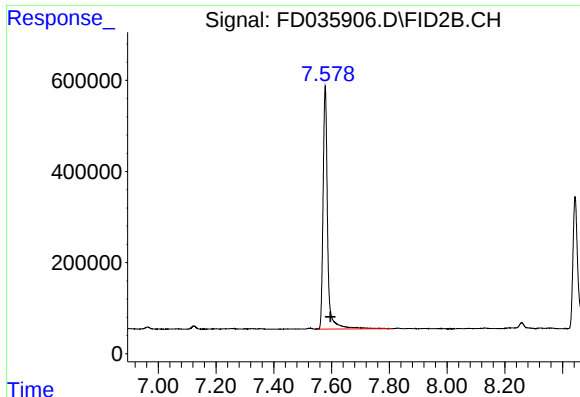
(m)=manual int.

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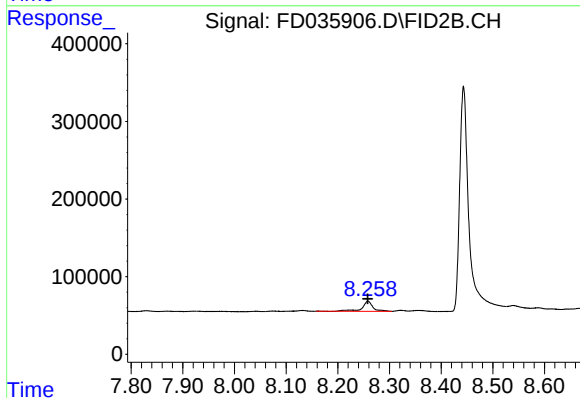
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





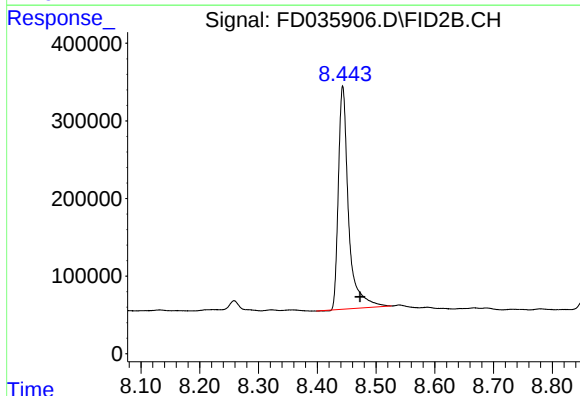
#4 2-Bromonaphthalene (SURR)

R.T.: 7.578 min  
Delta R.T.: -0.018 min  
Response: 5777378  
Conc: 52.94 ug/ml



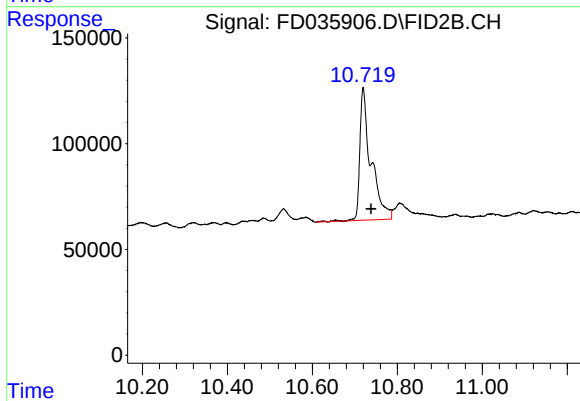
#5 Acenaphthylene (C15.06)

R.T.: 8.258 min  
Delta R.T.: 0.000 min  
Response: 187390  
Conc: 1.48 ug/ml



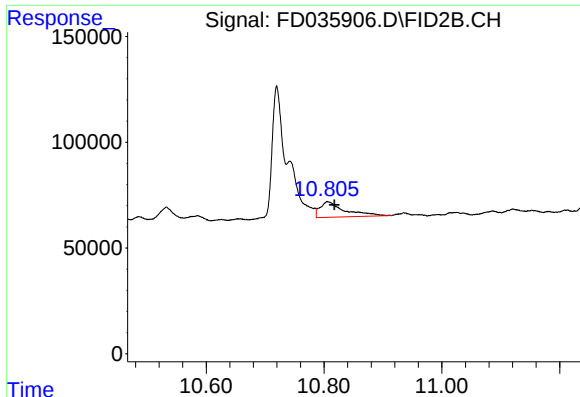
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min  
Delta R.T.: -0.029 min  
Response: 3455804  
Conc: 49.78 ug/ml



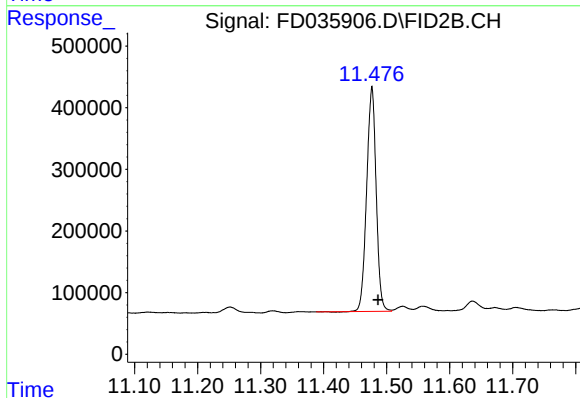
#9 Phenanthrene (C19.36)

R.T.: 10.720 min  
Delta R.T.: -0.018 min  
Response: 1142351  
Conc: 9.37 ug/ml



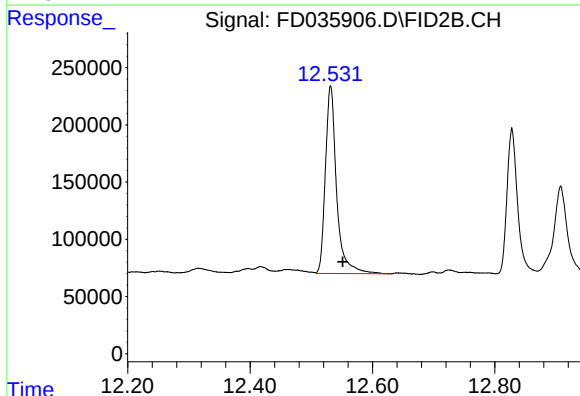
#10 Anthracene (C19.43)

R.T.: 10.807 min  
Delta R.T.: -0.011 min  
Response: 214983  
Conc: 1.72 ug/ml



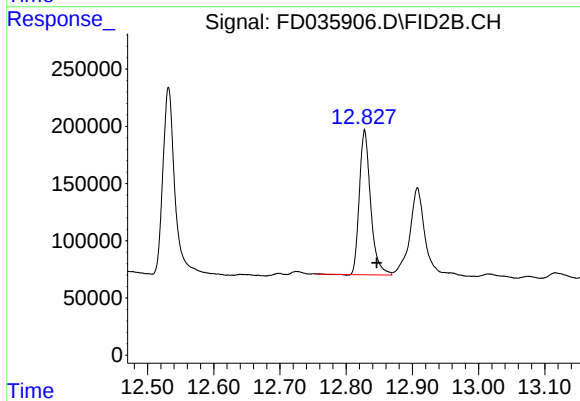
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min  
Delta R.T.: -0.010 min  
Response: 3817040  
Conc: 29.53 ug/ml



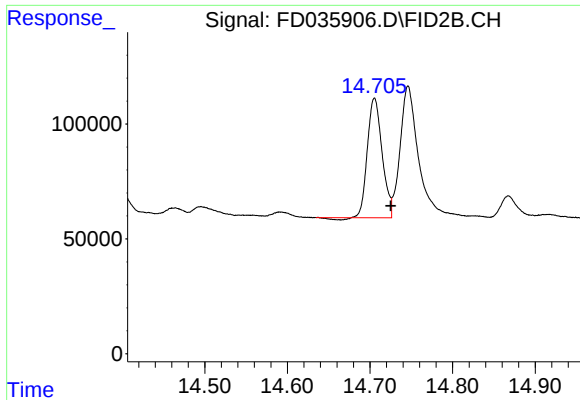
#12 Fluoranthene (C21.85)

R.T.: 12.532 min  
Delta R.T.: -0.020 min  
Response: 2084006  
Conc: 17.10 ug/ml



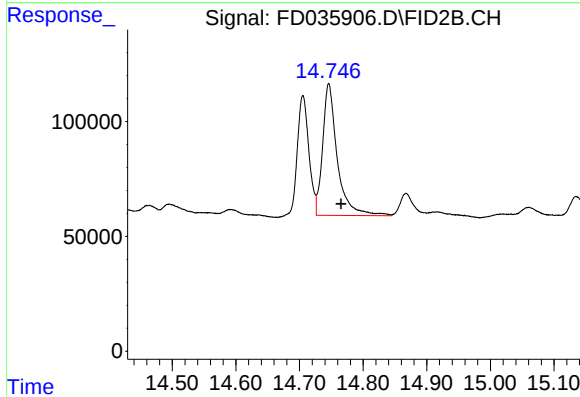
#13 Pyrene (C20.8)

R.T.: 12.828 min  
Delta R.T.: -0.018 min  
Response: 1498098  
Conc: 12.24 ug/ml



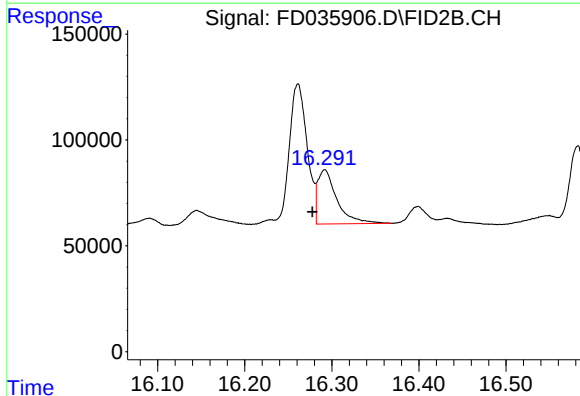
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min  
Delta R.T.: -0.020 min  
Response: 637341  
Conc: 6.48 ug/ml



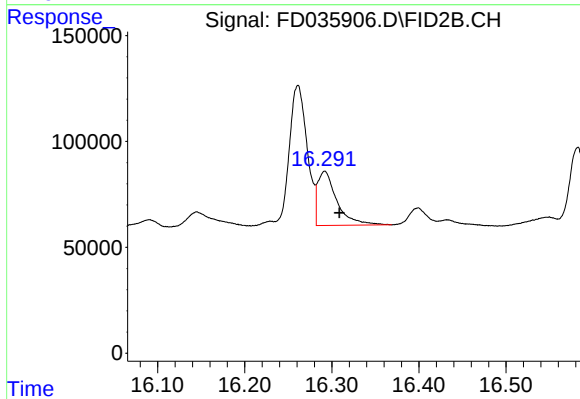
#15 Chrysene (C27.41)

R.T.: 14.746 min  
Delta R.T.: -0.019 min  
Response: 918573  
Conc: 7.50 ug/ml



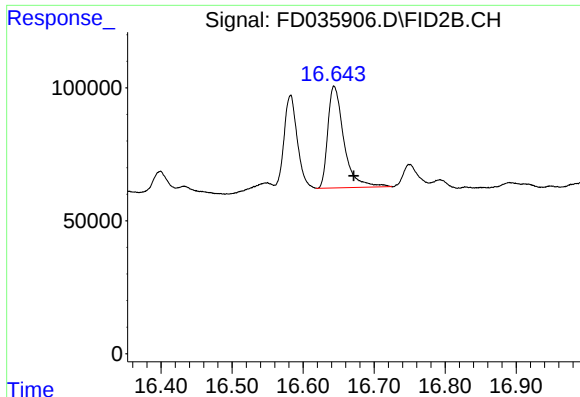
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.292 min  
Delta R.T.: 0.014 min  
Response: 390366  
Conc: 4.10 ug/ml



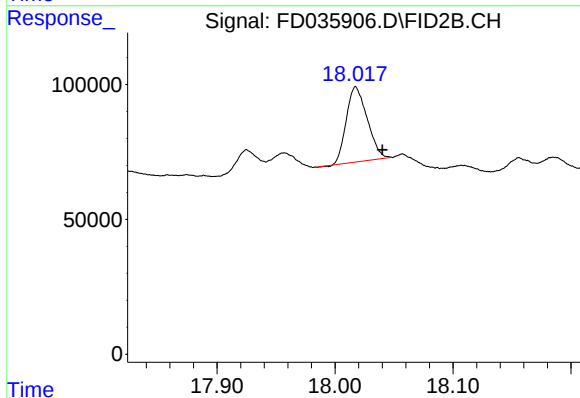
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.292 min  
Delta R.T.: -0.017 min  
Response: 390366  
Conc: 3.54 ug/ml



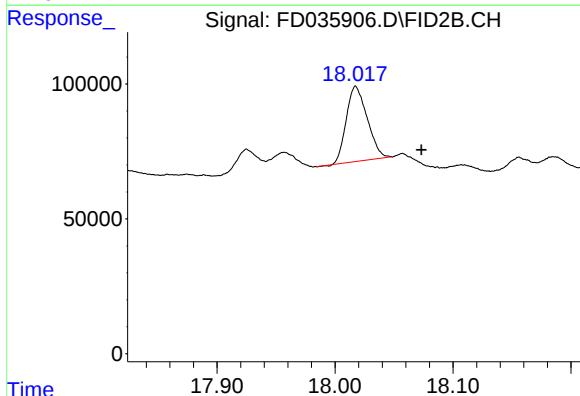
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min  
Delta R.T.: -0.027 min  
Response: 600553  
Conc: 6.60 ug/ml



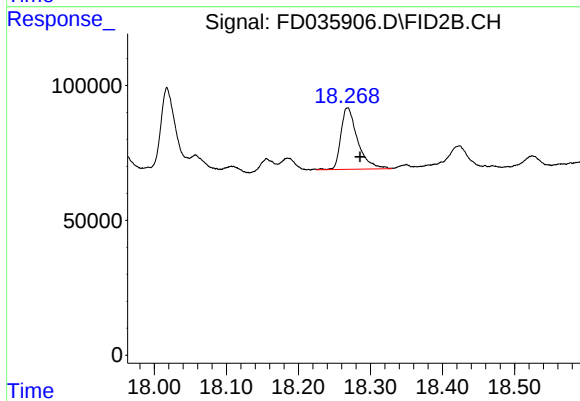
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.018 min  
Delta R.T.: -0.022 min  
Response: 341496  
Conc: 4.22 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.018 min  
Delta R.T.: -0.055 min  
Response: 341496  
Conc: 3.20 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.269 min  
Delta R.T.: -0.017 min  
Response: 367670  
Conc: 3.98 ug/ml