

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100323AR\  
 Data File : FD046628.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Oct 2023 08:35  
 Operator : YP/AJ  
 Sample : 04686-01DL 25X  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 03 09:07:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:47:22 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.488   | 1407534    | 7.987 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 15.97%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.341   | 969647     | 8.369 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 16.74%      |
| 11) S ortho-Terphenyl (SURR)       | 11.377  | 983007     | 4.825 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 9.65%       |
| Target Compounds                   |         |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.304   | 134896     | 0.730 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.830   | 172731     | 0.894 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.876   | 1626294    | 8.392 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.123   | 1527324    | 8.662 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.437   | 299499     | 1.594 ug/ml |
| 8) T Fluorene (C16.55)             | 9.217   | 300168     | 1.664 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.605  | 786936     | 4.476 ug/ml |
| 10) T Anthracene (C19.43)          | 10.702  | 492208     | 3.205 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.409  | 97932      | 0.575 ug/ml |
| 13) T Pyrene (C20.8)               | 12.702  | 53470      | 0.326 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.622  | 47785      | 0.342 ug/ml |
| 15) T Chrysene (C27.41)            | 14.622  | 47785      | 0.315 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.911f | 74864      | 0.597 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.911  | 74864      | 0.563 ug/ml |
| -----                              |         |            |             |

(f)=RT Delta > 1/2 Window

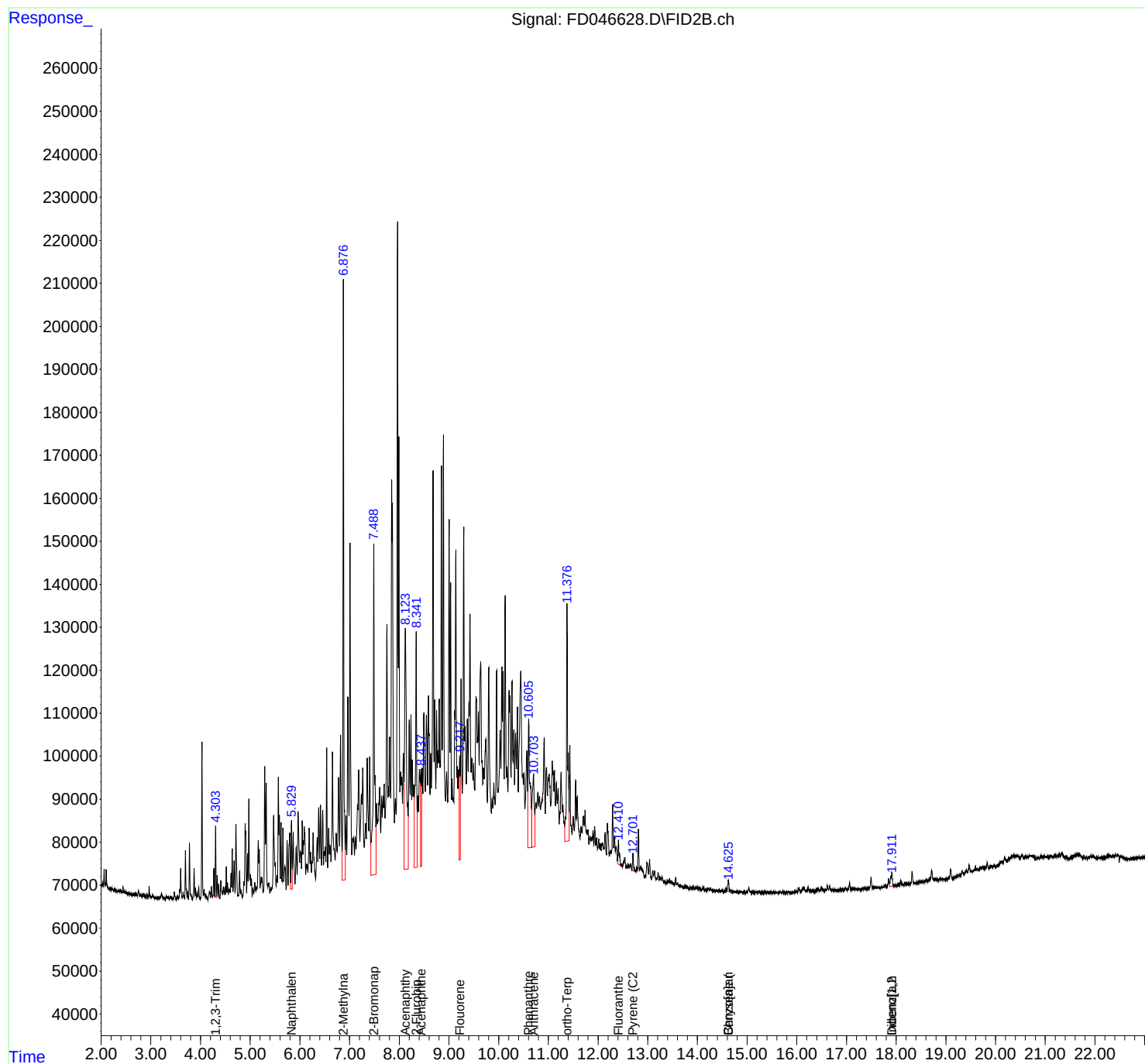
(m)=manual int.

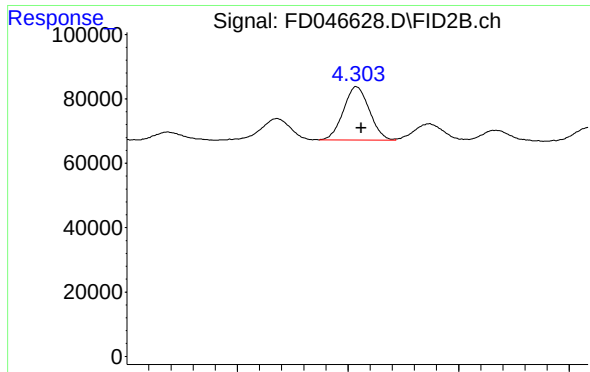
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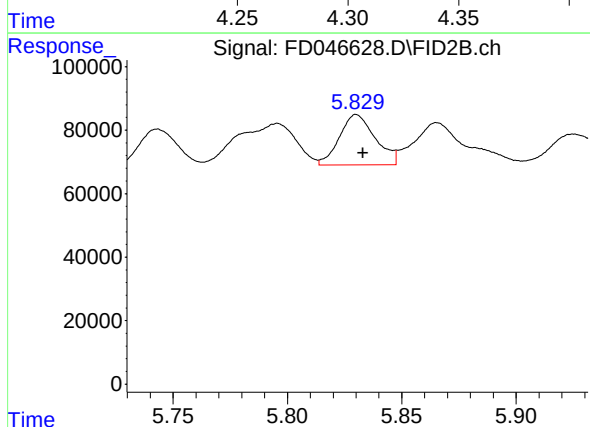




#1 1,2,3-Trimethylbenzene (C10.1)

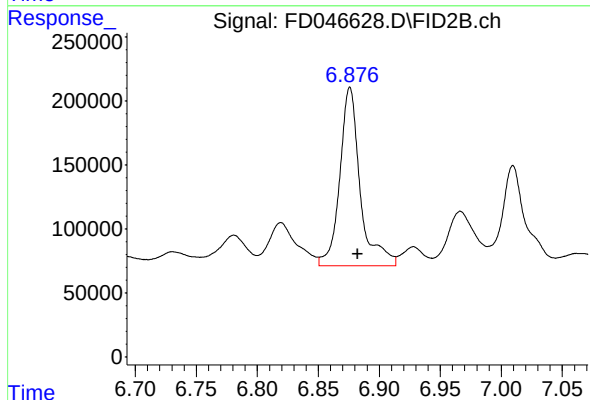
R.T.: 4.304 min  
Delta R.T.: -0.002 min  
Response: 134896  
Conc: 0.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



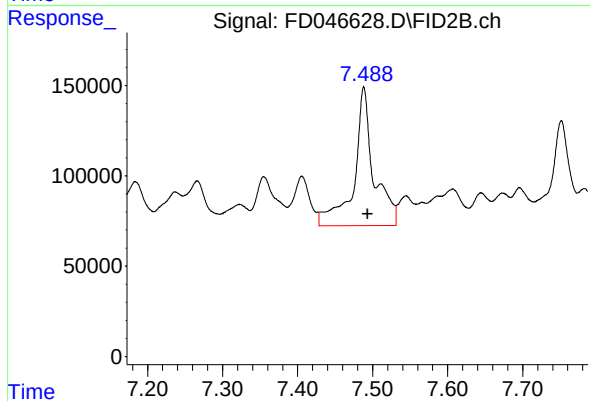
#2 Naphthalene (C11.7)

R.T.: 5.830 min  
Delta R.T.: -0.003 min  
Response: 172731  
Conc: 0.89 ug/ml



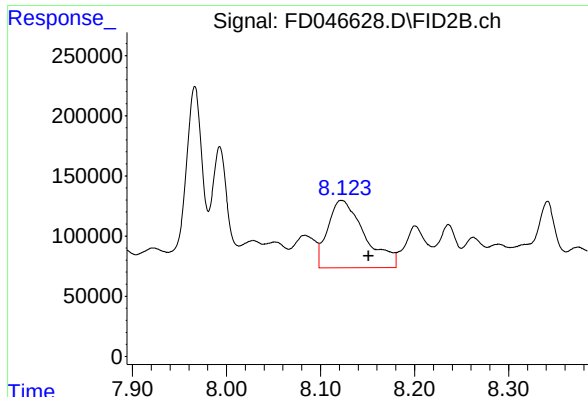
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min  
Delta R.T.: -0.006 min  
Response: 1626294  
Conc: 8.39 ug/ml



#4 2-Bromonaphthalene (SURR)

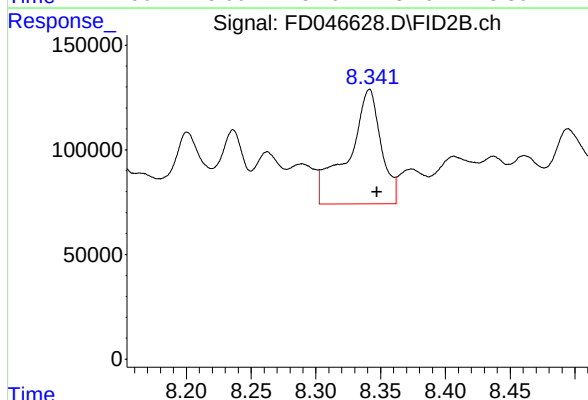
R.T.: 7.488 min  
Delta R.T.: -0.005 min  
Response: 1407534  
Conc: 7.99 ug/ml



#5 Acenaphthylene (C15.06)

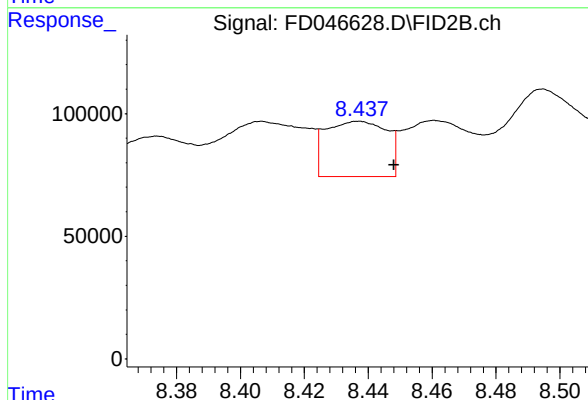
R.T.: 8.123 min  
Delta R.T.: -0.029 min  
Response: 1527324  
Conc: 8.66 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



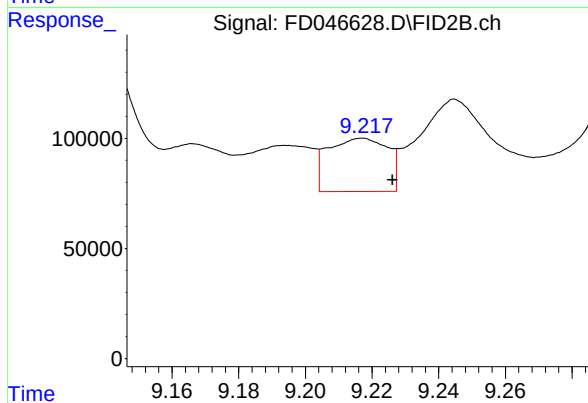
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min  
Delta R.T.: -0.006 min  
Response: 969647  
Conc: 8.37 ug/ml



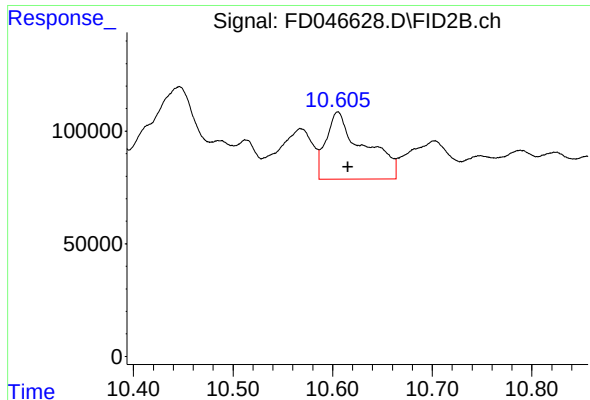
#7 Acenaphthene (C15.5)

R.T.: 8.437 min  
Delta R.T.: -0.011 min  
Response: 299499  
Conc: 1.59 ug/ml



#8 Flouorene (C16.55)

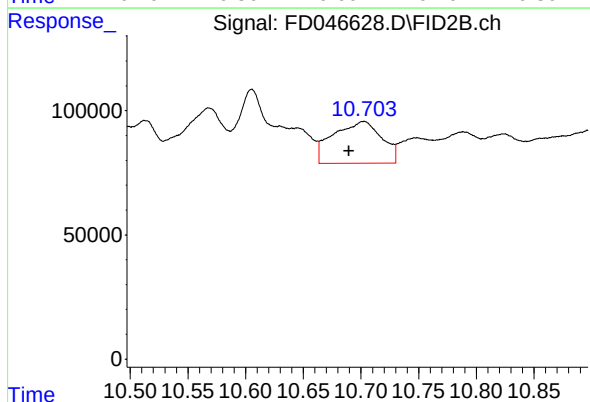
R.T.: 9.217 min  
Delta R.T.: -0.009 min  
Response: 300168  
Conc: 1.66 ug/ml



#9 Phenanthrene (C19.36)

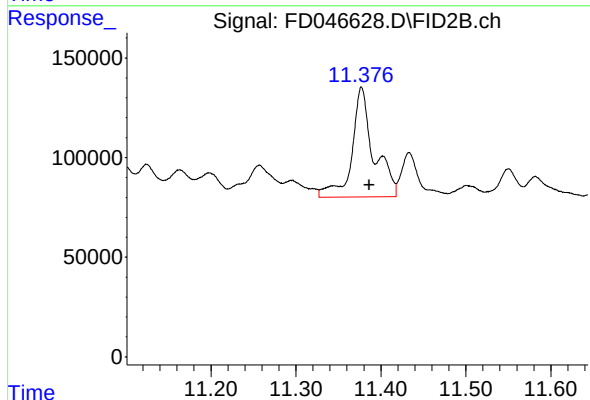
R.T.: 10.605 min  
Delta R.T.: -0.010 min  
Response: 786936  
Conc: 4.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



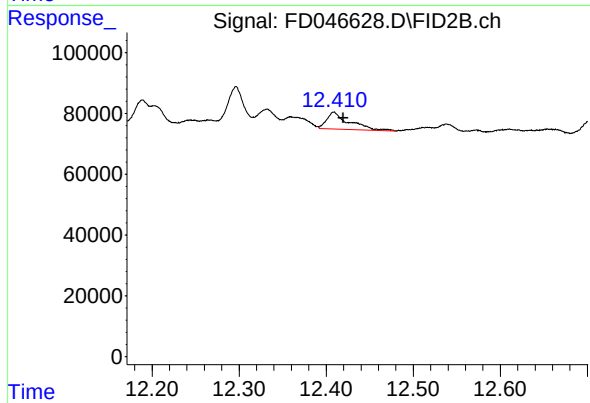
#10 Anthracene (C19.43)

R.T.: 10.702 min  
Delta R.T.: 0.013 min  
Response: 492208  
Conc: 3.20 ug/ml



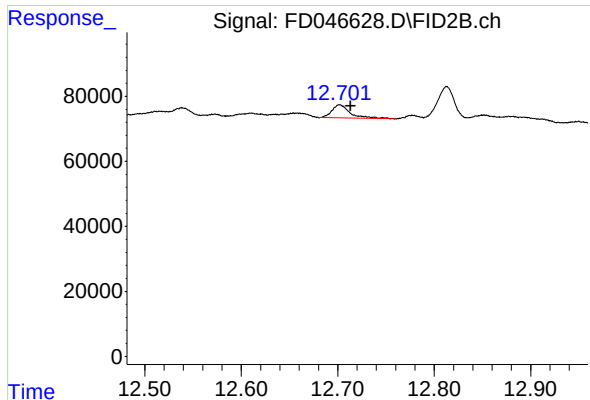
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min  
Delta R.T.: -0.009 min  
Response: 983007  
Conc: 4.83 ug/ml



#12 Fluoranthene (C21.85)

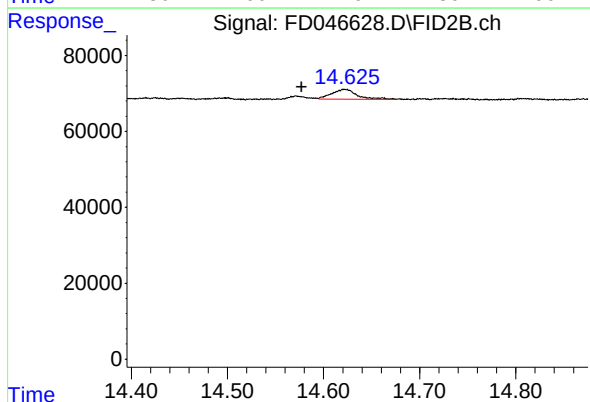
R.T.: 12.409 min  
Delta R.T.: -0.011 min  
Response: 97932  
Conc: 0.57 ug/ml



#13 Pyrene (C20.8)

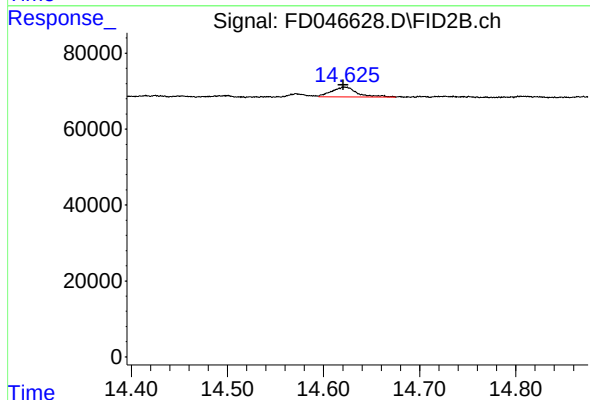
R.T.: 12.702 min  
Delta R.T.: -0.011 min  
Response: 53470  
Conc: 0.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



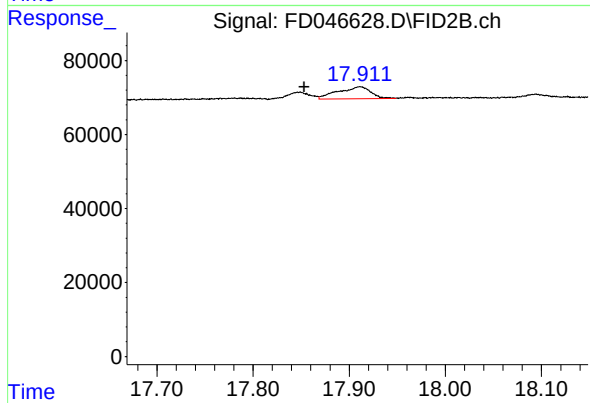
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.622 min  
Delta R.T.: 0.045 min  
Response: 47785  
Conc: 0.34 ug/ml



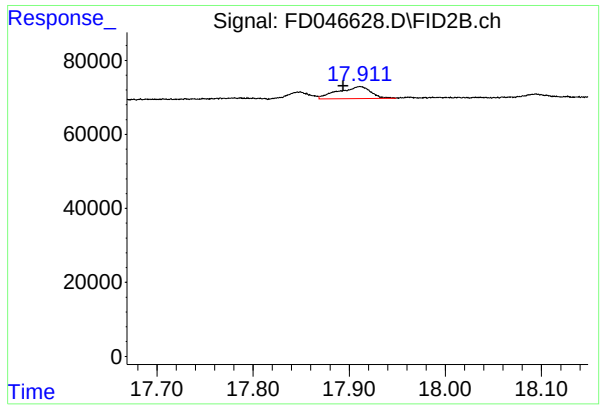
#15 Chrysene (C27.41)

R.T.: 14.622 min  
Delta R.T.: 0.002 min  
Response: 47785  
Conc: 0.31 ug/ml



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

R.T.: 17.911 min  
Delta R.T.: 0.058 min  
Response: 74864  
Conc: 0.60 ug/ml



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

R.T.: 17.911 min  
Delta R.T.: 0.017 min  
Response: 74864  
Conc: 0.56 ug/ml

Instrument :  
FID\_D  
ClientSampleId :