

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022023AR\  
 Data File : FD045078.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Feb 2023 01:25  
 Operator : YP/AJ  
 Sample : 01605-01  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 21 04:26:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 23 15:00:18 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...      | 7.557  | 6876633    | 46.888 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 93.78%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.415  | 4990848    | 50.002 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 100.00%      |
| 11) S ortho-Terphenyl (SURR)       | 11.456 | 7686488    | 41.356 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 82.71%       |
| Target Compounds                   |        |            |              |
| 2) T Naphthalene (C11.7)           | 5.931  | 108229     | 0.639 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.939  | 317990     | 1.854 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.211  | 722213     | 4.596 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.505  | 489591     | 2.945 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.286  | 496437     | 3.025 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.680 | 1038569    | 6.423 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.775 | 1412001    | 9.525 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.486 | 1344652    | 8.402 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.780 | 856162     | 5.456 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.643 | 189604     | 1.328 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.683 | 187087     | 1.264 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.186 | 229886     | 1.585 ug/ml  |
| 17) T Benzo[k]fluoranthene ...     | 16.215 | 76346      | 0.535 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.560 | 153836     | 1.101 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.918 | 173174     | 1.287 ug/ml  |
| 20) T Dibenzo[a,h]anthracene...    | 17.918 | 173174     | 1.307 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.166 | 93630      | 0.689 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

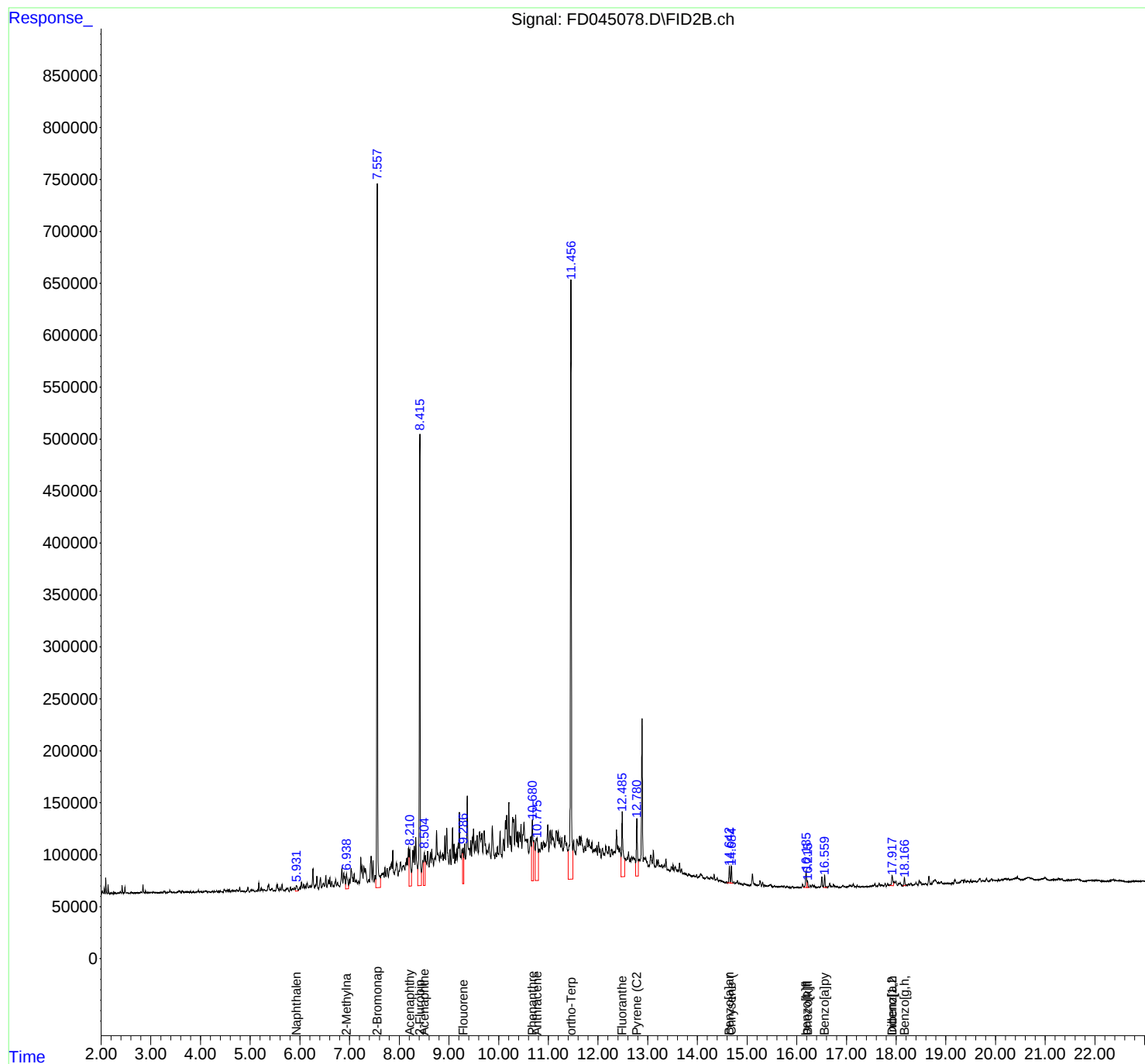
(m)=manual int.

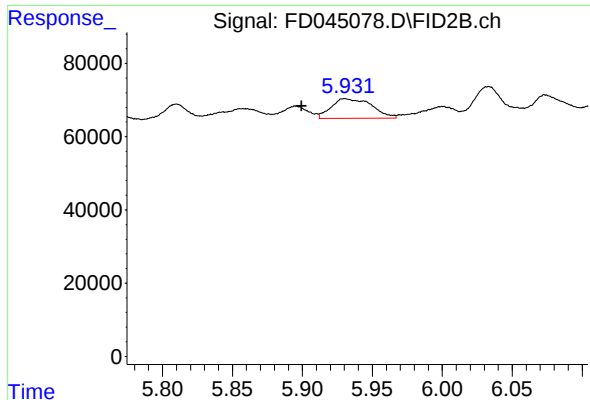
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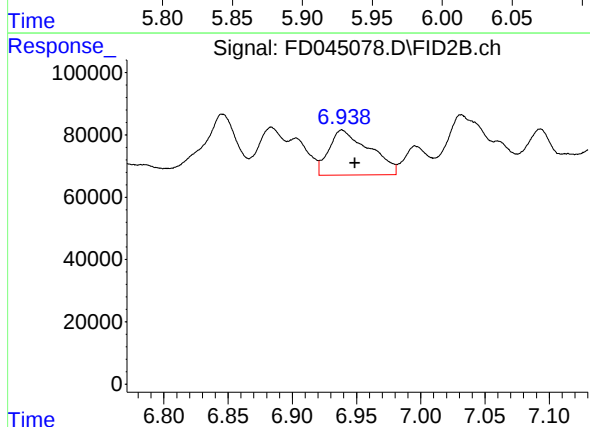




#2 Naphthalene (C11.7)

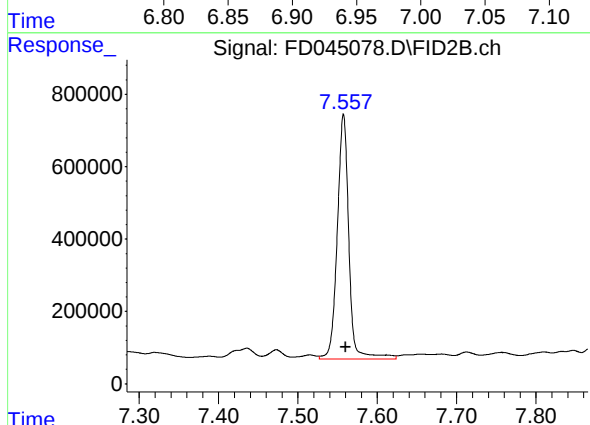
R.T.: 5.931 min  
Delta R.T.: 0.031 min  
Response: 108229  
Conc: 0.64 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



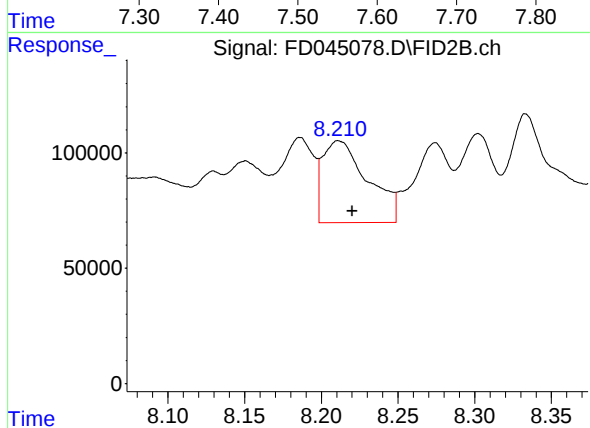
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min  
Delta R.T.: -0.010 min  
Response: 317990  
Conc: 1.85 ug/ml



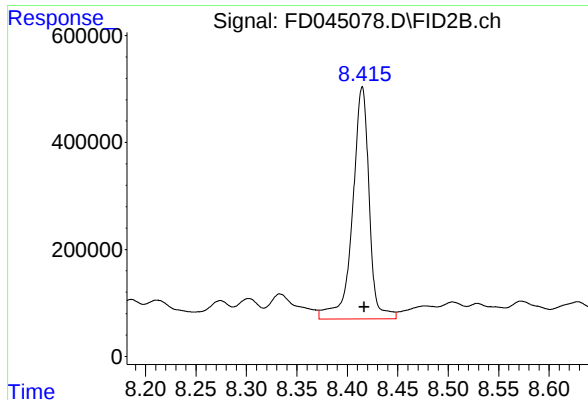
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min  
Delta R.T.: -0.003 min  
Response: 6876633  
Conc: 46.89 ug/ml



#5 Acenaphthylene (C15.06)

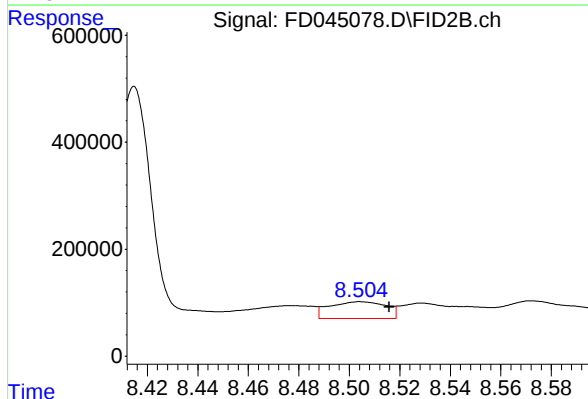
R.T.: 8.211 min  
Delta R.T.: -0.009 min  
Response: 722213  
Conc: 4.60 ug/ml



#6 2-Fluorobiphenyl (SURR)

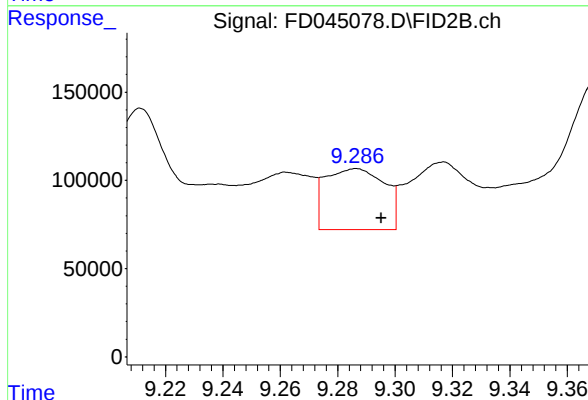
R.T.: 8.415 min  
Delta R.T.: -0.002 min  
Response: 4990848  
Conc: 50.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



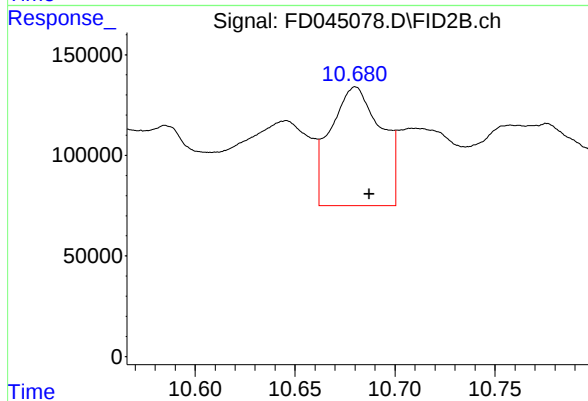
#7 Acenaphthene (C15.5)

R.T.: 8.505 min  
Delta R.T.: -0.011 min  
Response: 489591  
Conc: 2.94 ug/ml



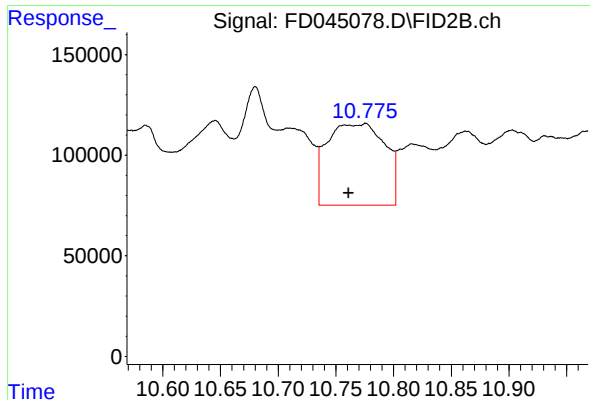
#8 Flouorene (C16.55)

R.T.: 9.286 min  
Delta R.T.: -0.009 min  
Response: 496437  
Conc: 3.02 ug/ml



#9 Phenanthrene (C19.36)

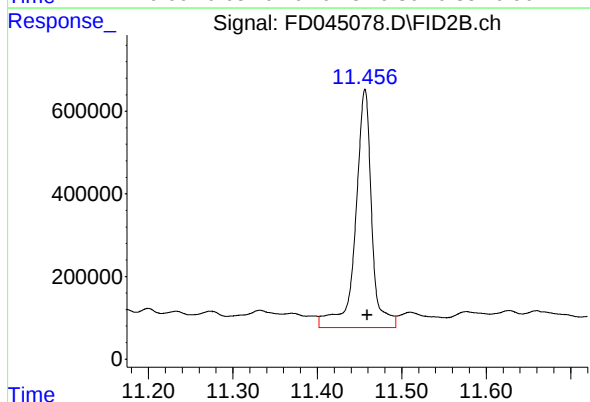
R.T.: 10.680 min  
Delta R.T.: -0.007 min  
Response: 1038569  
Conc: 6.42 ug/ml



#10 Anthracene (C19.43)

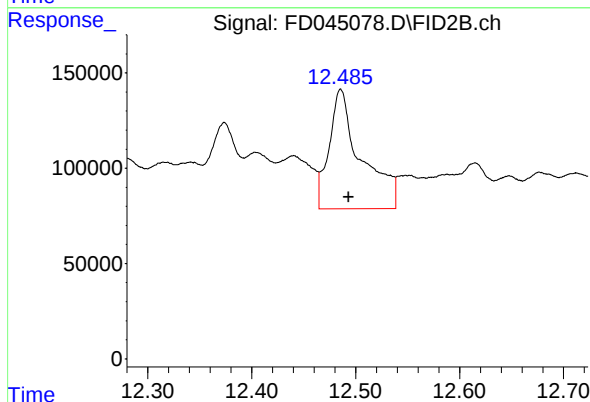
R.T.: 10.775 min  
Delta R.T.: 0.014 min  
Response: 1412001  
Conc: 9.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



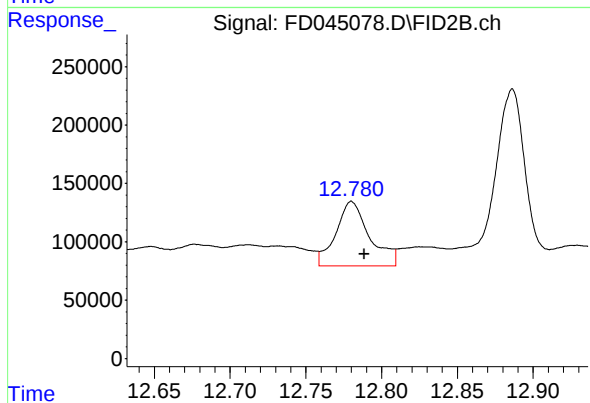
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min  
Delta R.T.: -0.003 min  
Response: 7686488  
Conc: 41.36 ug/ml



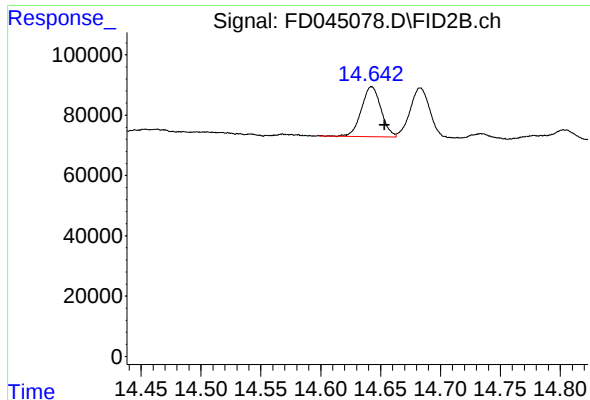
#12 Fluoranthene (C21.85)

R.T.: 12.486 min  
Delta R.T.: -0.008 min  
Response: 1344652  
Conc: 8.40 ug/ml



#13 Pyrene (C20.8)

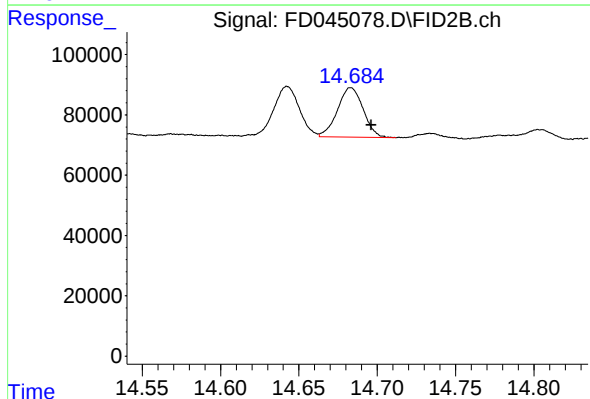
R.T.: 12.780 min  
Delta R.T.: -0.008 min  
Response: 856162  
Conc: 5.46 ug/ml



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

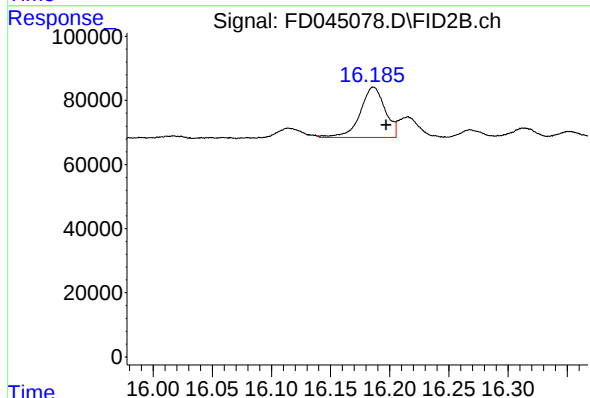
R.T.: 14.643 min  
Delta R.T.: -0.011 min  
Response: 189604  
Conc: 1.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



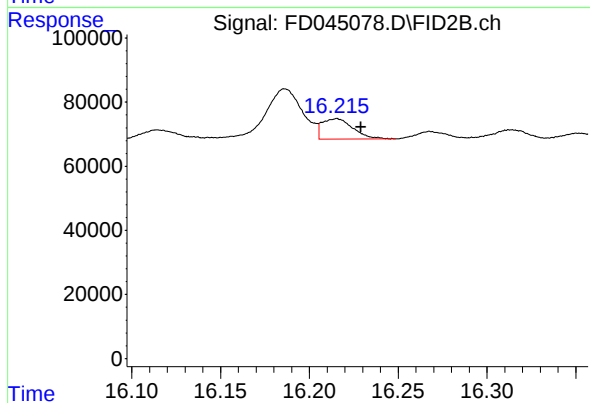
#15 Chrysene (C27.41)

R.T.: 14.683 min  
Delta R.T.: -0.013 min  
Response: 187087  
Conc: 1.26 ug/ml



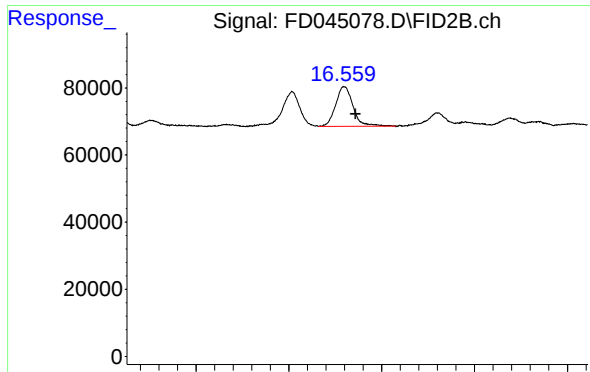
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min  
Delta R.T.: -0.011 min  
Response: 229886  
Conc: 1.58 ug/ml



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

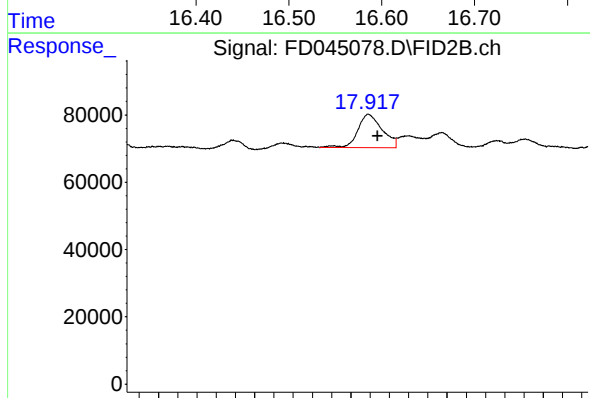
R.T.: 16.215 min  
Delta R.T.: -0.014 min  
Response: 76346  
Conc: 0.54 ug/ml



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

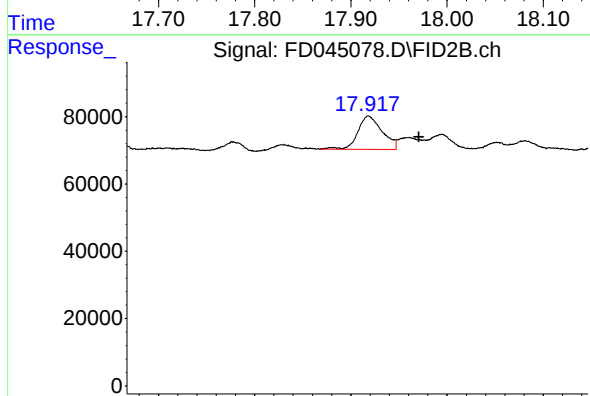
R.T.: 16.560 min  
Delta R.T.: -0.012 min  
Response: 153836  
Conc: 1.10 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



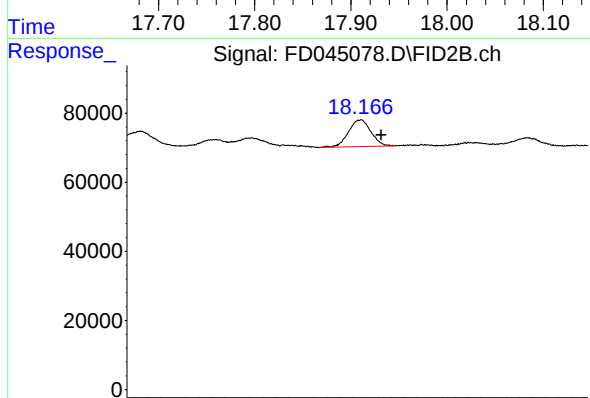
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min  
Delta R.T.: -0.009 min  
Response: 173174  
Conc: 1.29 ug/ml



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

R.T.: 17.918 min  
Delta R.T.: -0.052 min  
Response: 173174  
Conc: 1.31 ug/ml



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

R.T.: 18.166 min  
Delta R.T.: -0.016 min  
Response: 93630  
Conc: 0.69 ug/ml