

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030923AR\  
 Data File : FD045262.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Mar 2023 05:33  
 Operator : YP/AJ  
 Sample : 01830-05  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 10 07:16:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 01 16:43:59 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...      | 7.558  | 7327142    | 53.992 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 107.98%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.414  | 4701221    | 52.507 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 105.01%      |
| 11) S ortho-Terphenyl (SURR)       | 11.452 | 4958515    | 29.789 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 59.58%       |
| Target Compounds                   |        |            |              |
| 9) T Phenanthrene (C19.36)         | 10.677 | 41561      | 0.291 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.481 | 113712     | 0.814 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.776 | 90029      | 0.661 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.639 | 49535      | 0.389 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.681 | 63536      | 0.488 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.183 | 43672      | 0.339 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.183 | 43672      | 0.346 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.556 | 66233      | 0.526 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.915 | 66140      | 0.553 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.915 | 66140      | 0.548 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.162 | 47562      | 0.382 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

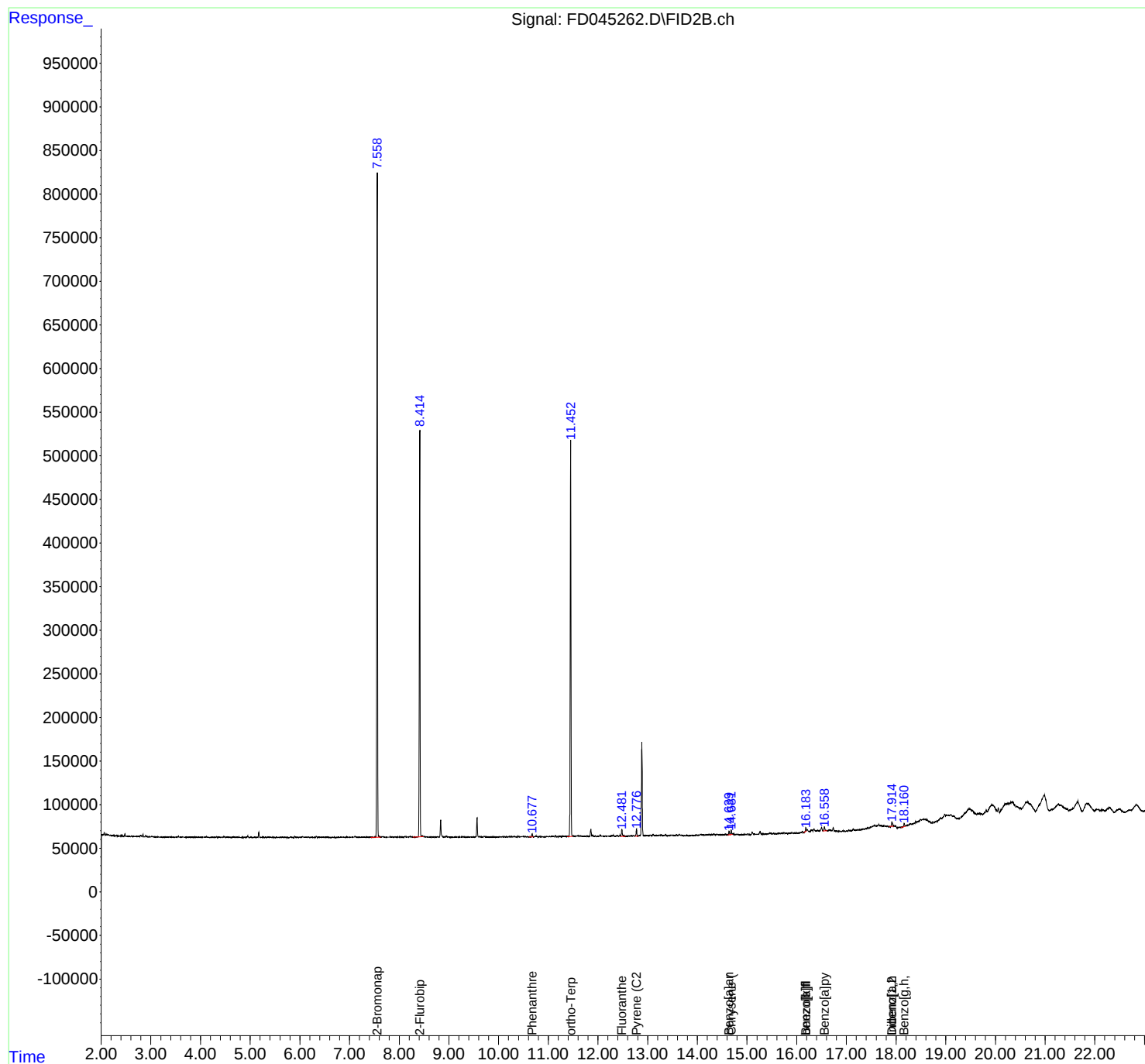
(m)=manual int.

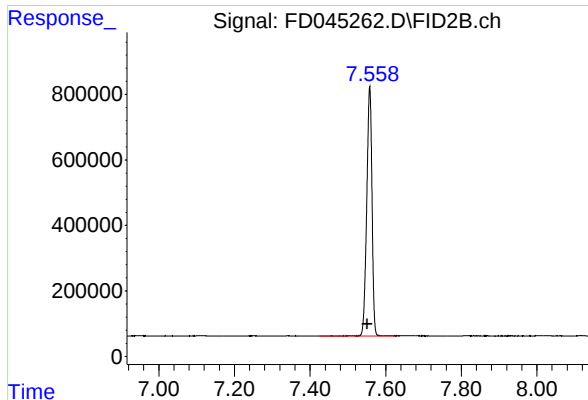
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030923AR\  
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Quant Title : GC Extractables  
QLast Update : Wed Mar 01 16:43:59 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

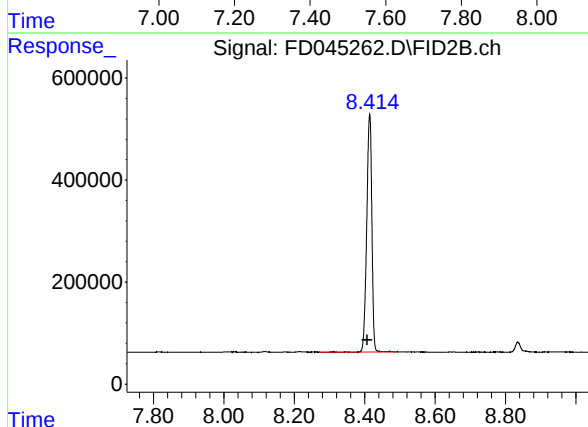




#4 2-Bromonaphthalene (SURR)

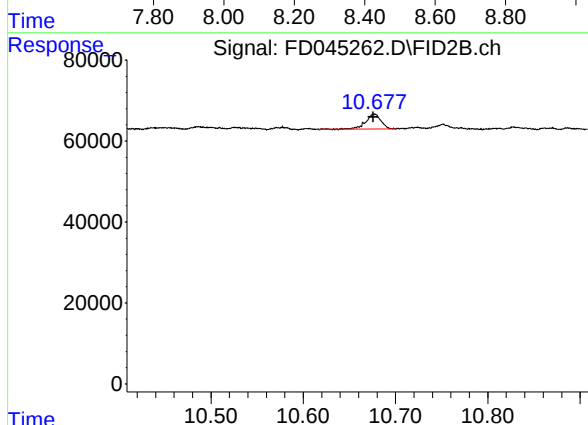
R.T.: 7.558 min  
Delta R.T.: 0.006 min  
Response: 7327142  
Conc: 53.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



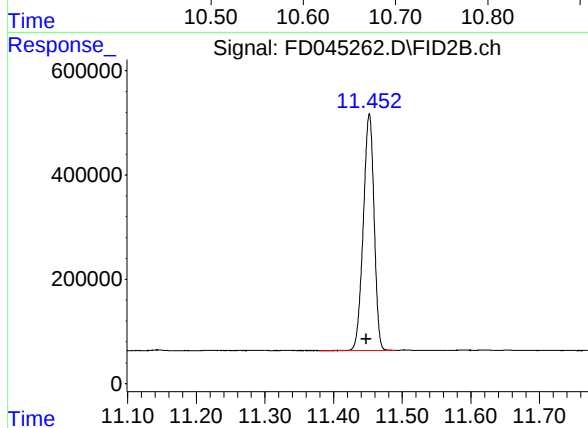
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min  
Delta R.T.: 0.006 min  
Response: 4701221  
Conc: 52.51 ug/ml



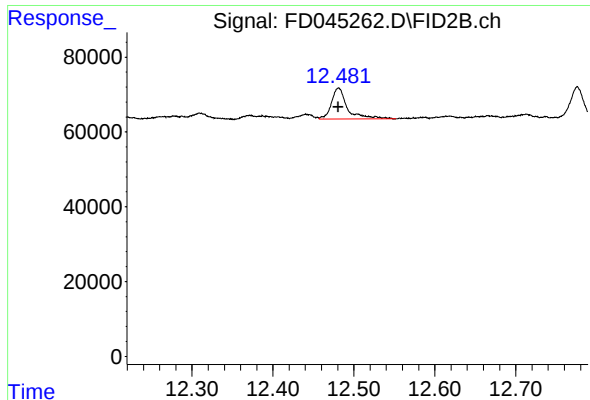
#9 Phenanthrene (C19.36)

R.T.: 10.677 min  
Delta R.T.: 0.000 min  
Response: 41561  
Conc: 0.29 ug/ml



#11 ortho-Terphenyl (SURR)

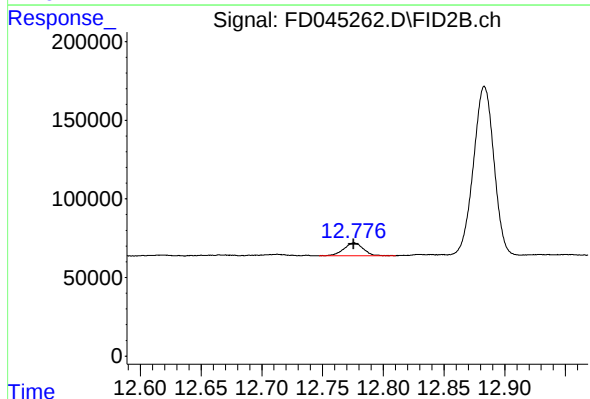
R.T.: 11.452 min  
Delta R.T.: 0.004 min  
Response: 4958515  
Conc: 29.79 ug/ml



#12 Fluoranthene (C21.85)

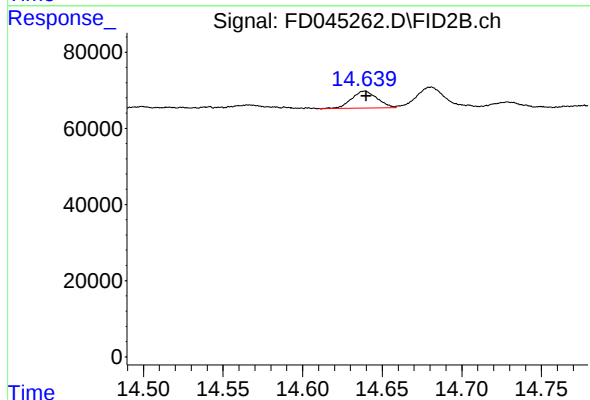
R.T.: 12.481 min  
Delta R.T.: 0.000 min  
Response: 113712  
Conc: 0.81 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



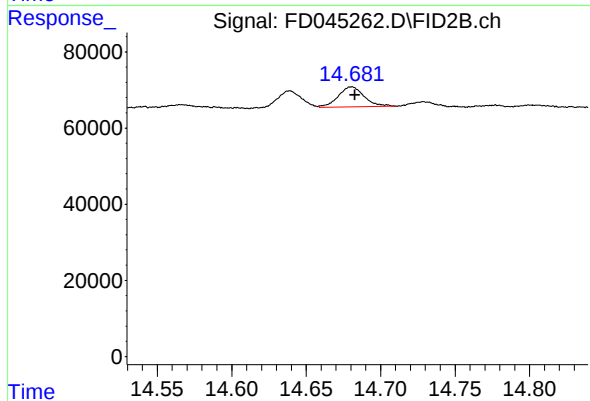
#13 Pyrene (C20.8)

R.T.: 12.776 min  
Delta R.T.: 0.000 min  
Response: 90029  
Conc: 0.66 ug/ml



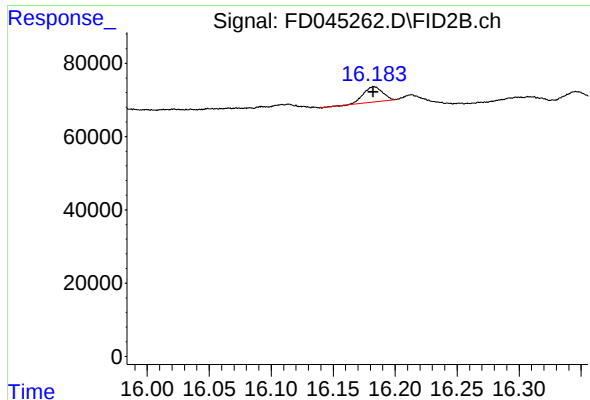
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min  
Delta R.T.: -0.001 min  
Response: 49535  
Conc: 0.39 ug/ml



#15 Chrysene (C27.41)

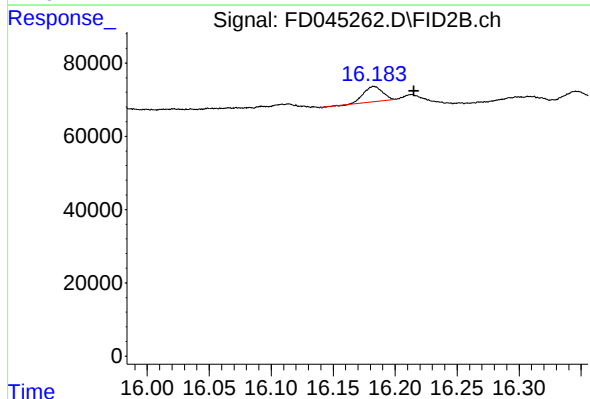
R.T.: 14.681 min  
Delta R.T.: -0.002 min  
Response: 63536  
Conc: 0.49 ug/ml



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

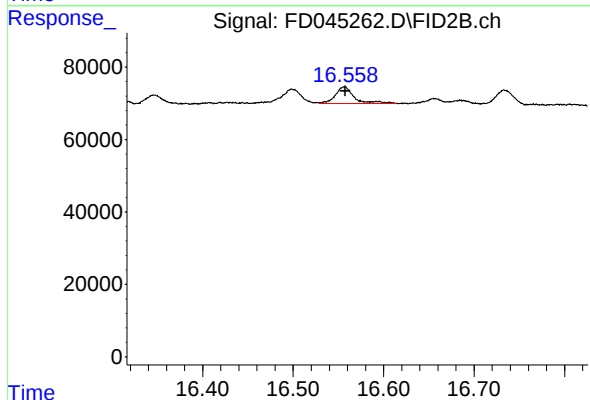
R.T.: 16.183 min  
Delta R.T.: 0.000 min  
Response: 43672  
Conc: 0.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



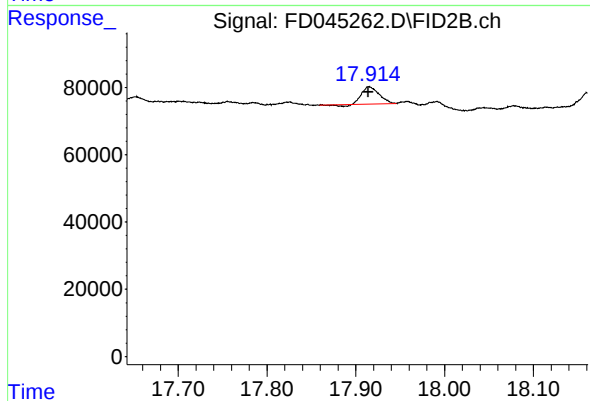
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min  
Delta R.T.: -0.032 min  
Response: 43672  
Conc: 0.35 ug/ml



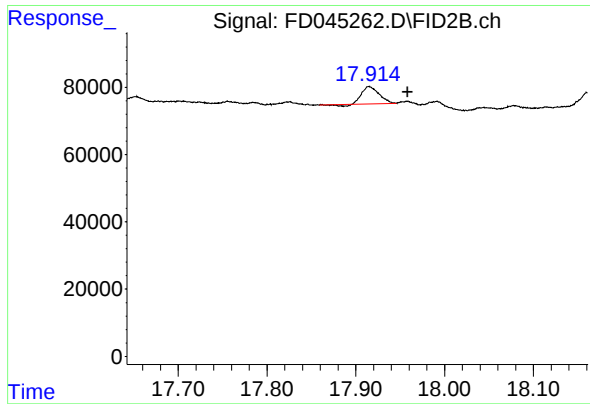
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min  
Delta R.T.: -0.001 min  
Response: 66233  
Conc: 0.53 ug/ml



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

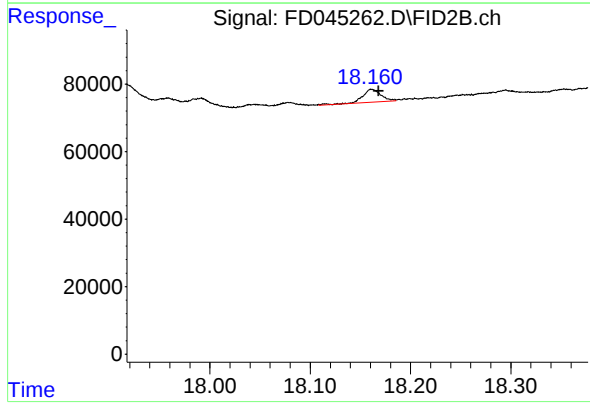
R.T.: 17.915 min  
Delta R.T.: 0.001 min  
Response: 66140  
Conc: 0.55 ug/ml



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

R.T.: 17.915 min  
Delta R.T.: -0.043 min  
Response: 66140  
Conc: 0.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 18.162 min  
Delta R.T.: -0.006 min  
Response: 47562  
Conc: 0.38 ug/ml