

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011822AR\  
 Data File : FD040655.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 Jan 2022 13:13  
 Operator : AJ\MA  
 Sample : N1138-01  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 19 01:23:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 010422.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 01:13:45 2022  
 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...      | 6.732   | 6687181    | 46.757 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 93.51%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.579   | 4487475    | 47.126 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 94.25%       |
| 11) S ortho-Terphenyl (SURR)       | 10.613  | 5980760    | 38.270 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 76.54%       |
| Target Compounds                   |         |            |              |
| 9) T Phenanthrene (C19.36)         | 9.839   | 99840      | 0.649 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 11.637  | 264434     | 1.703 ug/ml  |
| 13) T Pyrene (C20.8)               | 11.929  | 157204     | 1.041 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 13.838  | 83044      | 0.626 ug/ml  |
| 15) T Chrysene (C27.41)            | 13.838  | 83044      | 0.568 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.343  | 147500     | 1.079 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.343  | 147500     | 1.066 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 15.718  | 72999      | 0.560 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.080  | 37518      | 0.308 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.080f | 37518      | 0.308 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.326  | 43395      | 0.338 ug/ml  |
| -----                              |         |            |              |

(f)=RT Delta > 1/2 Window

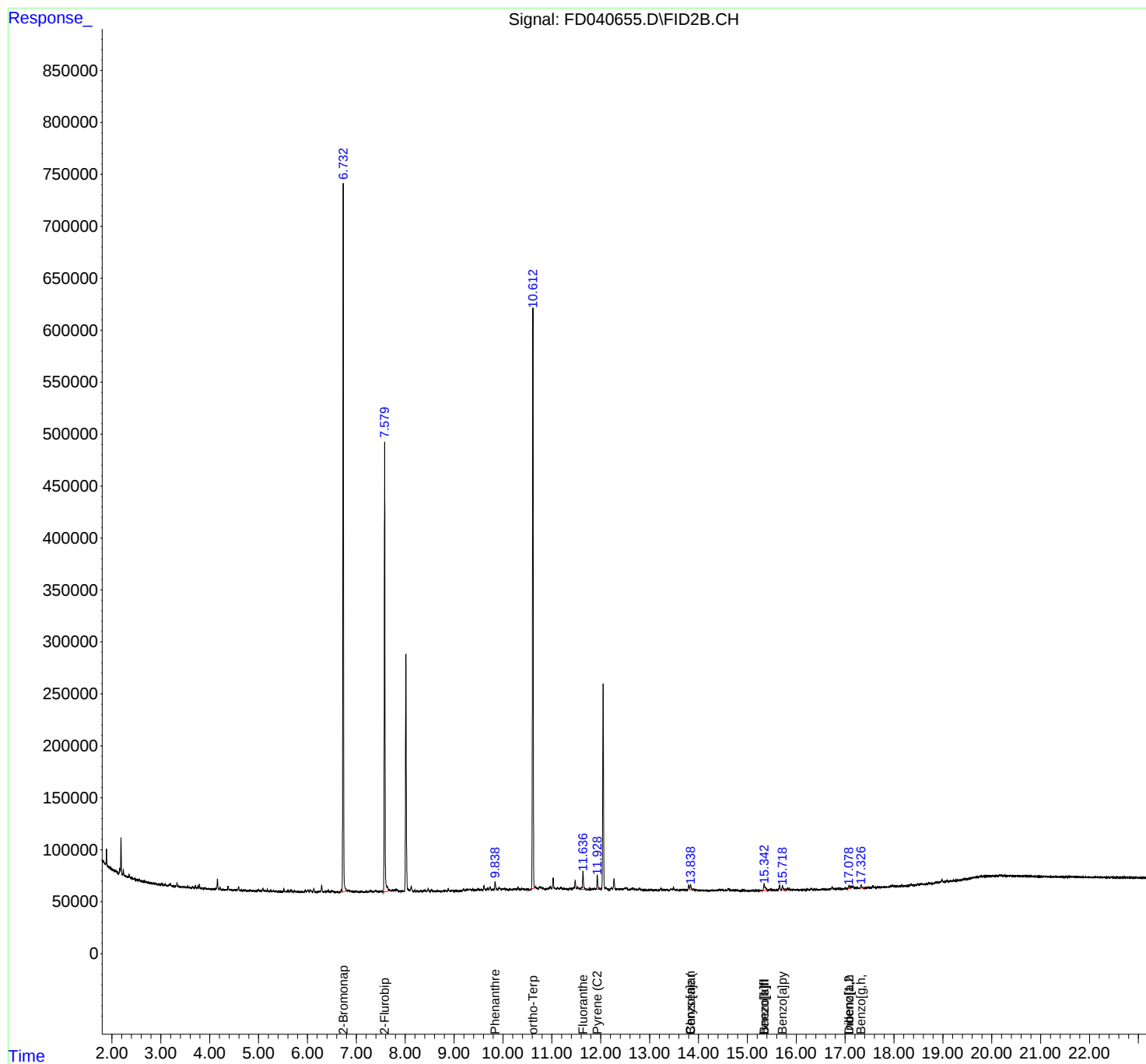
(m)=manual int.

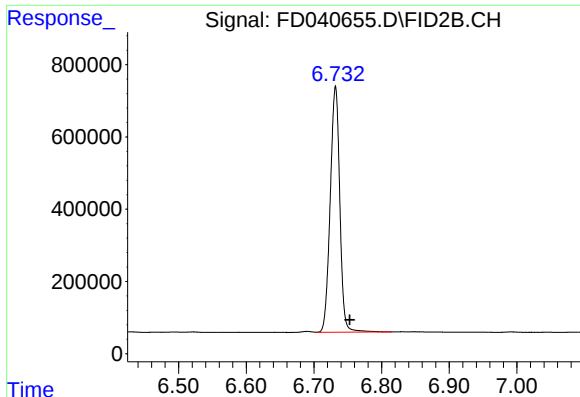
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

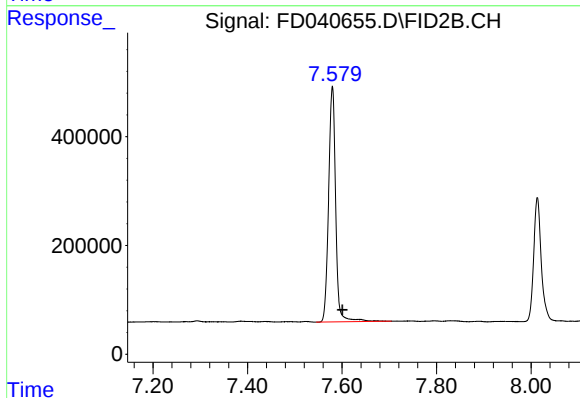




#4 2-Bromonaphthalene (SURRE)

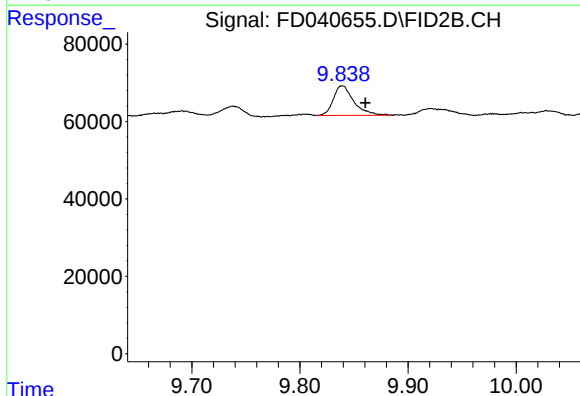
R.T.: 6.732 min  
Delta R.T.: -0.021 min  
Response: 6687181  
Conc: 46.76 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



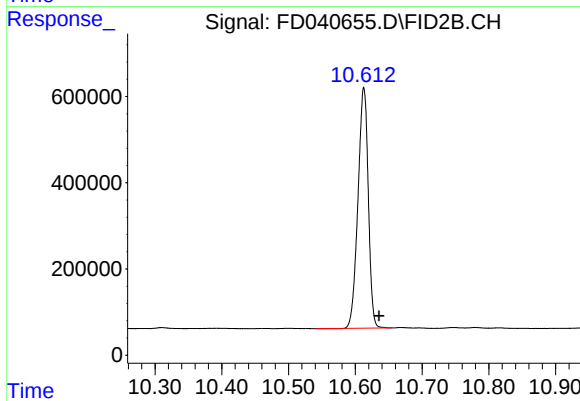
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.579 min  
Delta R.T.: -0.021 min  
Response: 4487475  
Conc: 47.13 ug/ml



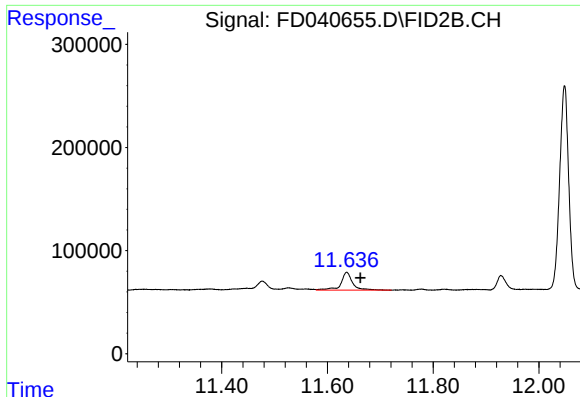
#9 Phenanthrene (C19.36)

R.T.: 9.839 min  
Delta R.T.: -0.021 min  
Response: 99840  
Conc: 0.65 ug/ml



#11 ortho-Terphenyl (SURRE)

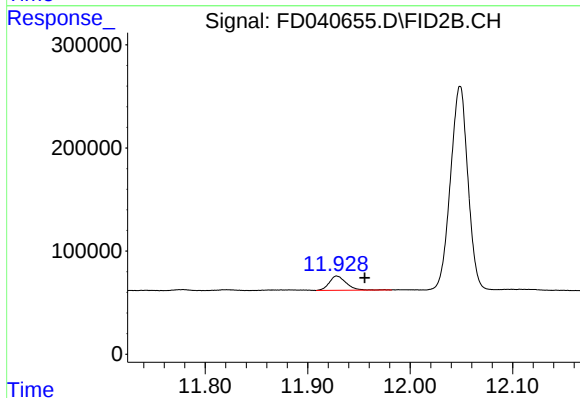
R.T.: 10.613 min  
Delta R.T.: -0.023 min  
Response: 5980760  
Conc: 38.27 ug/ml



#12 Fluoranthene (C21.85)

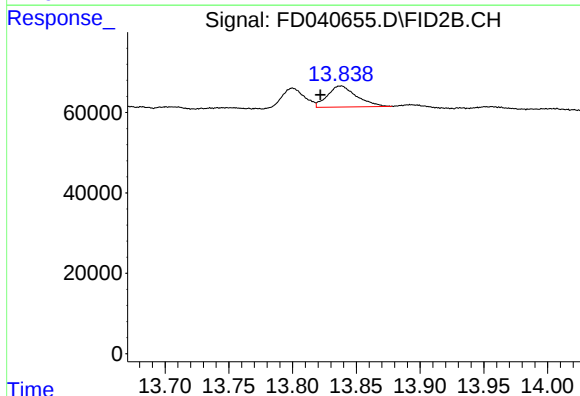
R.T.: 11.637 min  
Delta R.T.: -0.026 min  
Response: 264434  
Conc: 1.70 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



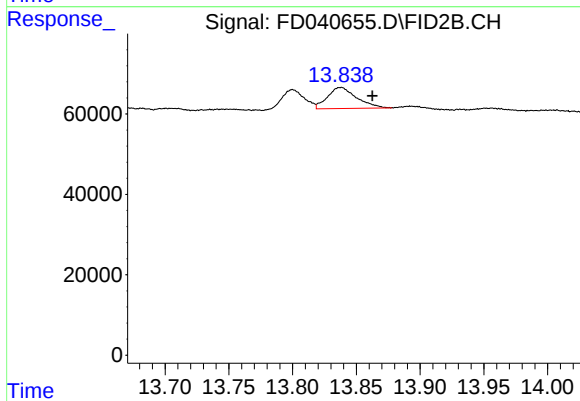
#13 Pyrene (C20.8)

R.T.: 11.929 min  
Delta R.T.: -0.027 min  
Response: 157204  
Conc: 1.04 ug/ml



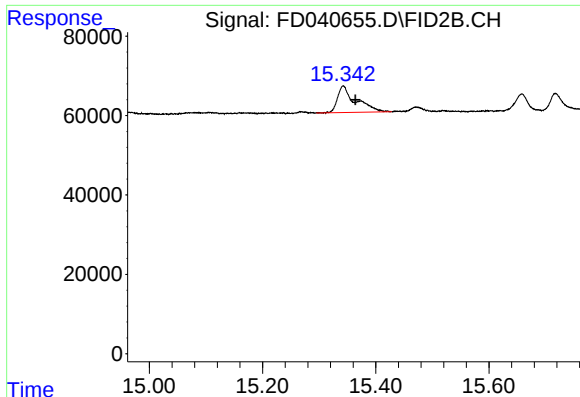
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.838 min  
Delta R.T.: 0.016 min  
Response: 83044  
Conc: 0.63 ug/ml



#15 Chrysene (C27.41)

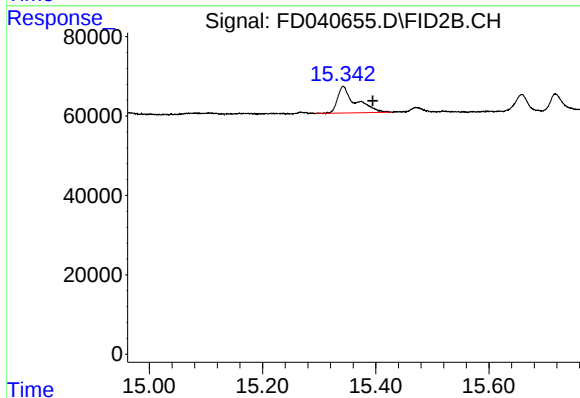
R.T.: 13.838 min  
Delta R.T.: -0.025 min  
Response: 83044  
Conc: 0.57 ug/ml



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

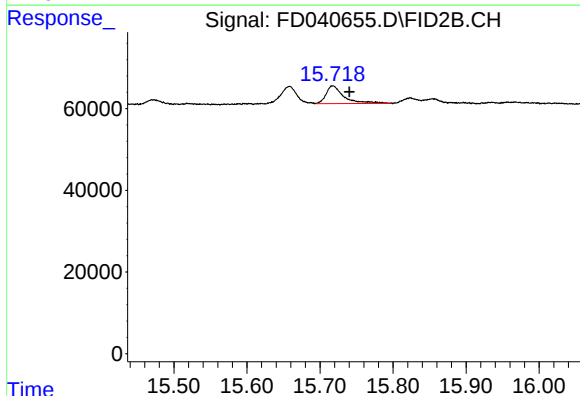
R.T.: 15.343 min  
Delta R.T.: -0.021 min  
Response: 147500  
Conc: 1.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



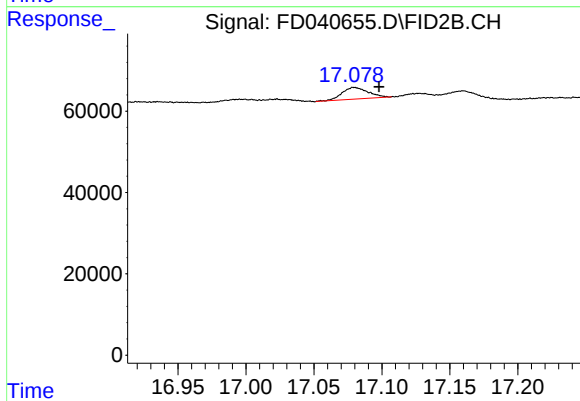
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.343 min  
Delta R.T.: -0.052 min  
Response: 147500  
Conc: 1.07 ug/ml



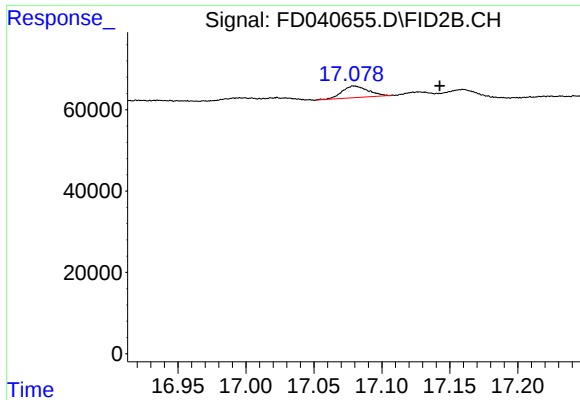
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.718 min  
Delta R.T.: -0.023 min  
Response: 72999  
Conc: 0.56 ug/ml



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

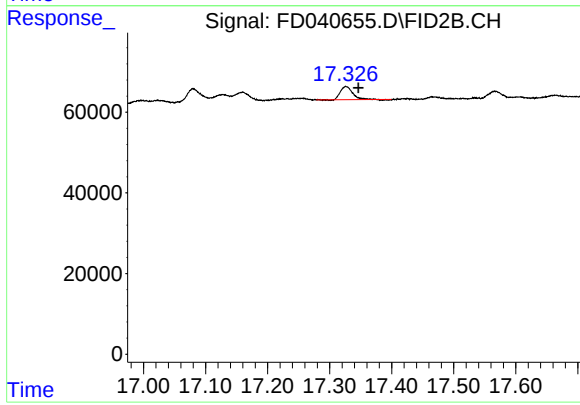
R.T.: 17.080 min  
Delta R.T.: -0.018 min  
Response: 37518  
Conc: 0.31 ug/ml



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

R.T.: 17.080 min  
Delta R.T.: -0.062 min  
Response: 37518  
Conc: 0.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 17.326 min  
Delta R.T.: -0.020 min  
Response: 43395  
Conc: 0.34 ug/ml