

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112822AR\  
 Data File : FD044526.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Nov 2022 13:26  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 29 02:57:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110322.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 21 12:00:35 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

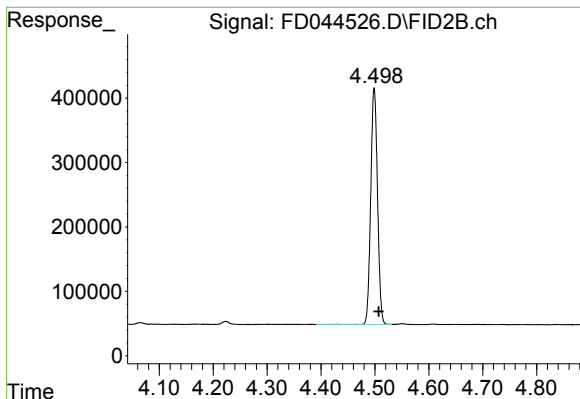
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.684  | 2903634    | 21.458 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.92%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.543  | 1984538    | 21.162 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.32%        |
| 11) S ortho-Terphenyl (SURR)       | 11.577 | 3668803    | 21.384 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.77%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.499  | 3195090    | 21.920 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.030  | 3365630    | 21.616 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.077  | 3387542    | 21.442 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.347  | 3077467    | 20.408 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.642  | 3288846    | 21.254 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.420  | 3251703    | 21.143 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.811 | 3188139    | 21.201 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.884 | 2771804    | 18.918 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.615 | 3225626    | 21.225 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.910 | 3143660    | 21.148 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.772 | 2901877    | 20.732 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.815 | 3112757    | 21.254 ug/mlm |
| 16) T benzo[b]fluoranthene ...     | 16.314 | 3005807    | 20.900 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.346 | 2982235    | 20.975 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.690 | 2834333    | 20.259 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.045 | 2836501    | 20.803 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.088 | 3027556    | 22.476 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.299 | 2895007    | 21.207 ug/mlm |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

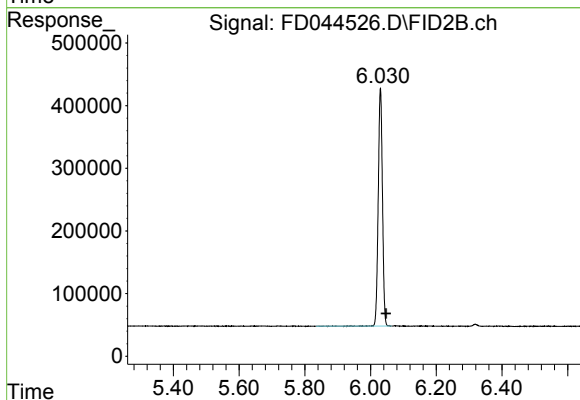
(m)=manual int.





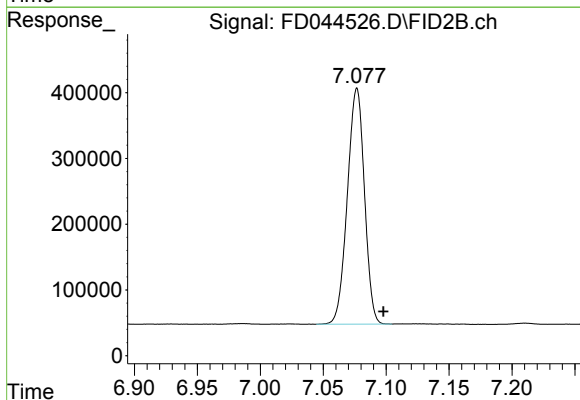
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.499 min  
Delta R.T.: -0.008 min  
Response: 3195090  
Conc: 21.92 ug/ml



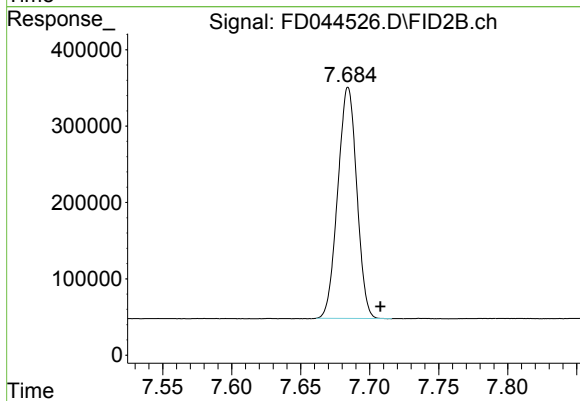
#2 Naphthalene (C11.7)

R.T.: 6.030 min  
Delta R.T.: -0.017 min  
Response: 3365630  
Conc: 21.62 ug/ml



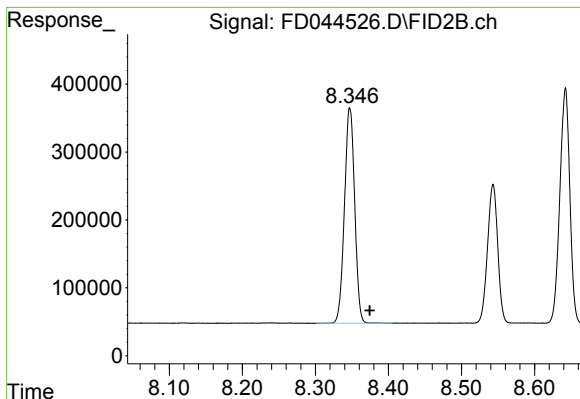
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min  
Delta R.T.: -0.021 min  
Response: 3387542  
Conc: 21.44 ug/ml



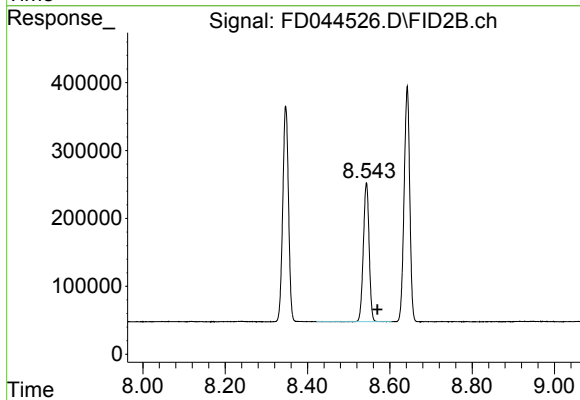
#4 2-Bromonaphthalene (SURR)

R.T.: 7.684 min  
Delta R.T.: -0.023 min  
Response: 2903634  
Conc: 21.46 ug/ml



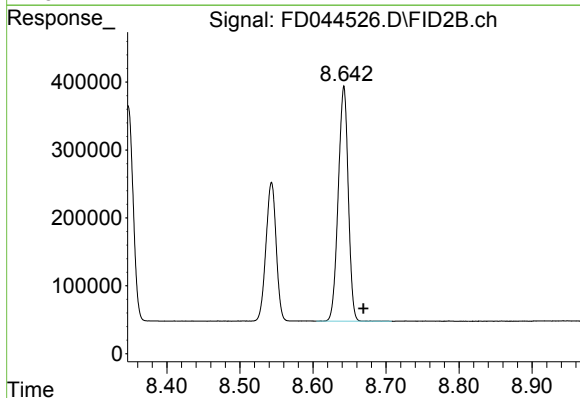
#5 Acenaphthylene (C15.06)

R.T.: 8.347 min  
Delta R.T.: -0.027 min  
Response: 3077467  
Conc: 20.41 ug/ml



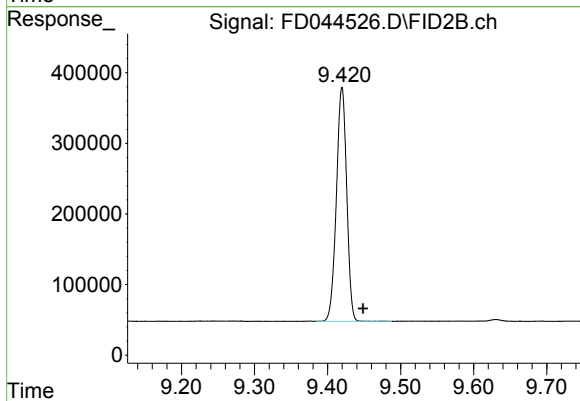
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.543 min  
Delta R.T.: -0.027 min  
Response: 1984538  
Conc: 21.16 ug/ml



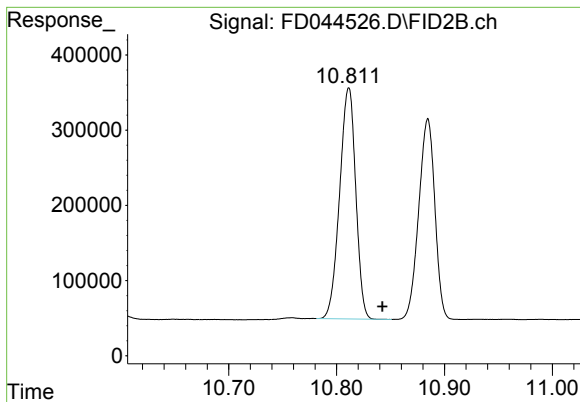
#7 Acenaphthene (C15.5)

R.T.: 8.642 min  
Delta R.T.: -0.027 min  
Response: 3288846  
Conc: 21.25 ug/ml



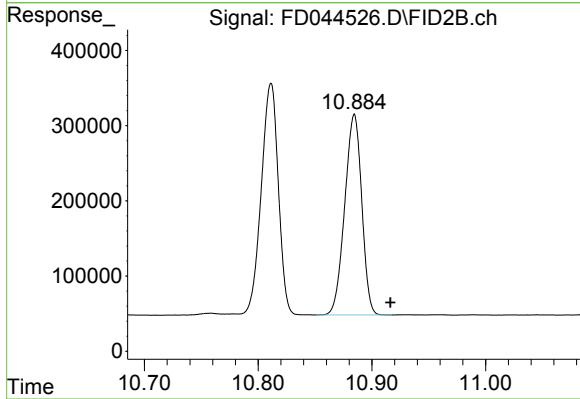
#8 Fluorene (C16.55)

R.T.: 9.420 min  
Delta R.T.: -0.029 min  
Response: 3251703  
Conc: 21.14 ug/ml



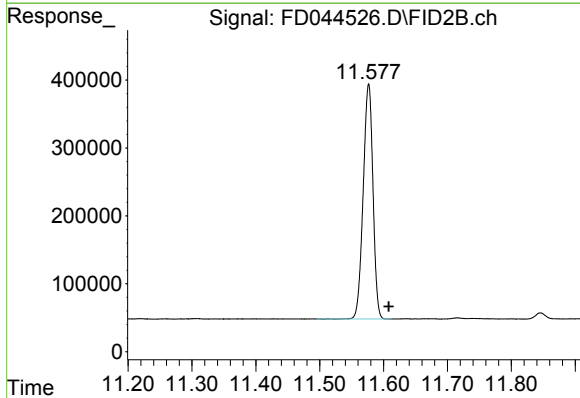
#9 Phenanthrene (C19.36)

R.T.: 10.811 min  
Delta R.T.: -0.032 min  
Response: 3188139  
Conc: 21.20 ug/ml



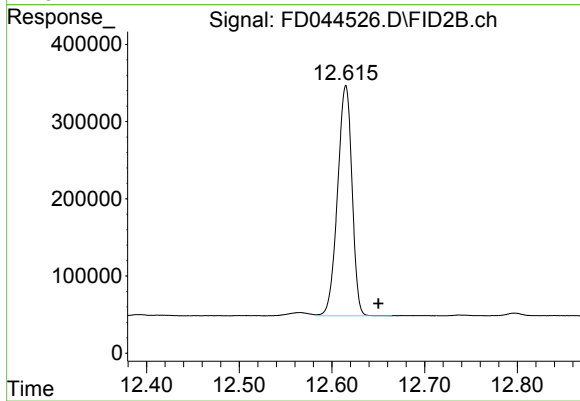
#10 Anthracene (C19.43)

R.T.: 10.884 min  
Delta R.T.: -0.032 min  
Response: 2771804  
Conc: 18.92 ug/ml



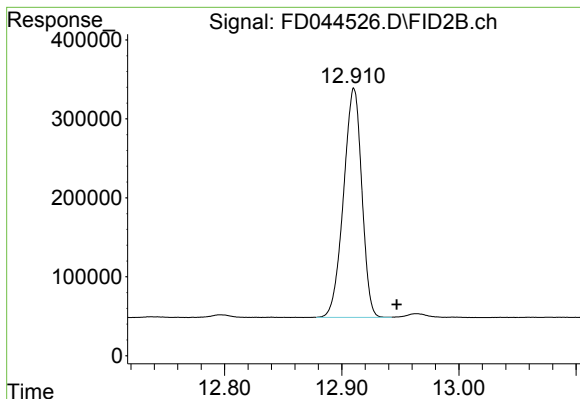
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min  
Delta R.T.: -0.032 min  
Response: 3668803  
Conc: 21.38 ug/ml



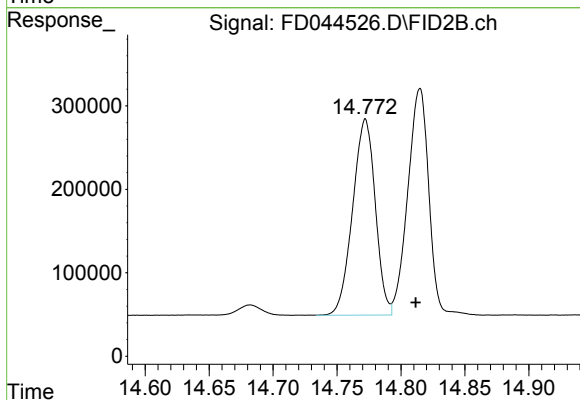
#12 Fluoranthene (C21.85)

R.T.: 12.615 min  
Delta R.T.: -0.036 min  
Response: 3225626  
Conc: 21.23 ug/ml



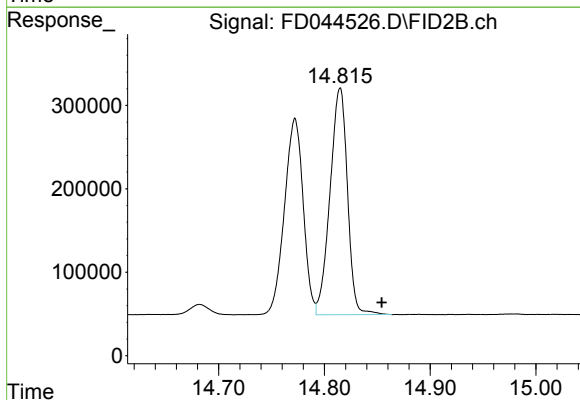
#13 Pyrene (C20.8)

R.T.: 12.910 min  
Delta R.T.: -0.037 min  
Response: 3143660  
Conc: 21.15 ug/ml m



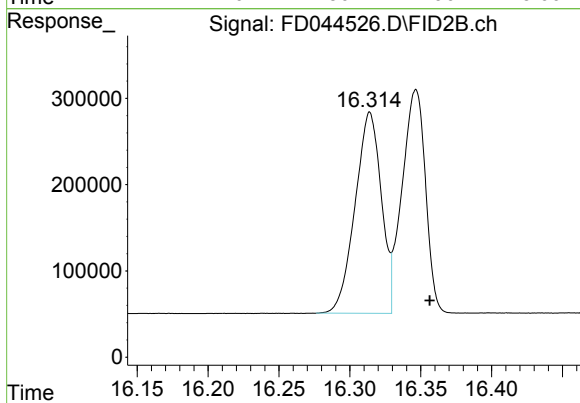
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min  
Delta R.T.: -0.040 min  
Response: 2901877  
Conc: 20.73 ug/ml m



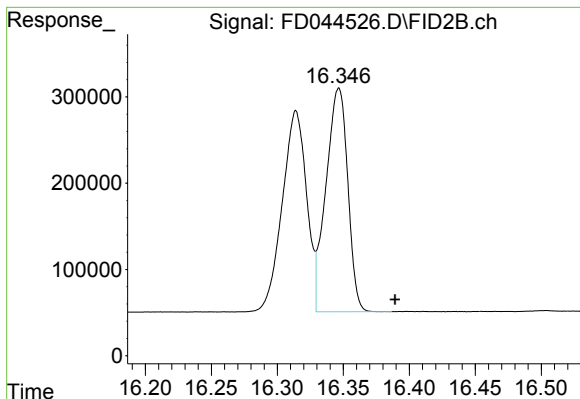
#15 Chrysene (C27.41)

R.T.: 14.815 min  
Delta R.T.: -0.039 min  
Response: 3112757  
Conc: 21.25 ug/ml m



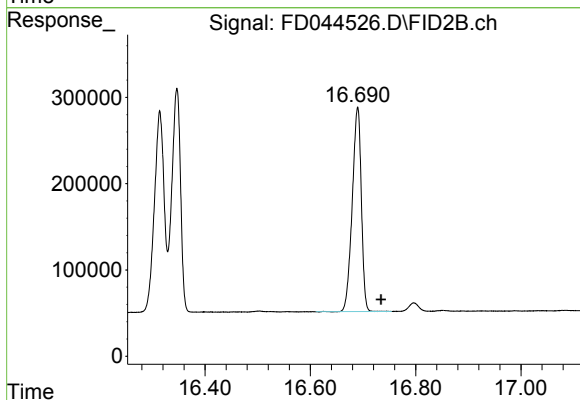
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.314 min  
Delta R.T.: -0.043 min  
Response: 3005807  
Conc: 20.90 ug/ml m



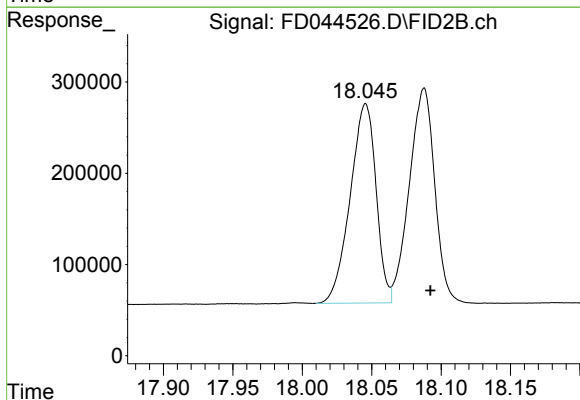
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.346 min  
Delta R.T.: -0.043 min  
Response: 2982235  
Conc: 20.97 ug/ml



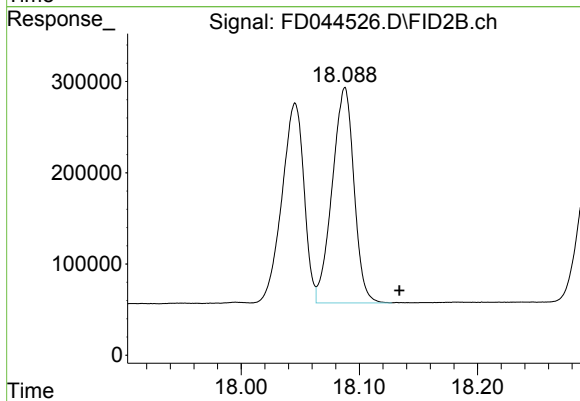
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min  
Delta R.T.: -0.045 min  
Response: 2834333  
Conc: 20.26 ug/ml



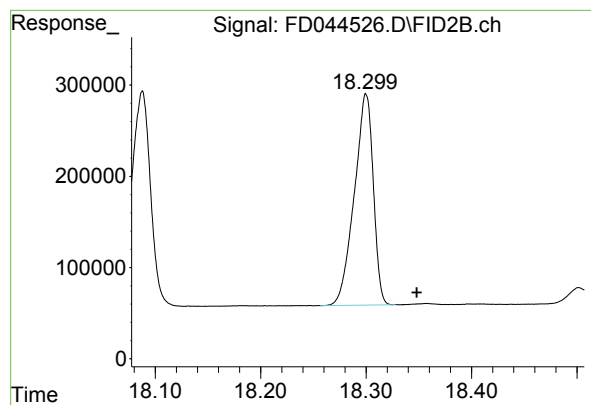
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.045 min  
Delta R.T.: -0.047 min  
Response: 2836501  
Conc: 20.80 ug/ml m



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

R.T.: 18.088 min  
Delta R.T.: -0.046 min  
Response: 3027556  
Conc: 22.48 ug/ml m



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

R.T.: 18.299 min  
Delta R.T.: -0.049 min  
Response: 2895007  
Conc: 21.21 ug/ml m