

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080619AR\  
 Data File : FD029945.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 Aug 2019 1:14  
 Operator : DD\AJ  
 Sample : K4162-02  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 07 07:10:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071019.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 10 13:31:52 2019  
 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...      | 7.675   | 6300651    | 39.817 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 79.63%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.537   | 3611136    | 33.618 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 67.24%       |
| 11) S ortho-Terphenyl (SURR)       | 11.572  | 3893732    | 22.943 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 45.89%       |
| Target Compounds                   |         |            |              |
| 9) T Phenanthrene (C19.36)         | 10.804  | 155580     | 0.897 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.612  | 632500     | 3.694 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.908  | 628322     | 3.694 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.813  | 325707     | 2.089 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.813  | 325707     | 2.090 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.319  | 152710     | 1.046 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.319f | 152710     | 1.056 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.694  | 158148     | 1.128 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.052  | 78930      | 0.620 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.305  | 74069      | 0.594 ug/ml  |
| -----                              |         |            |              |

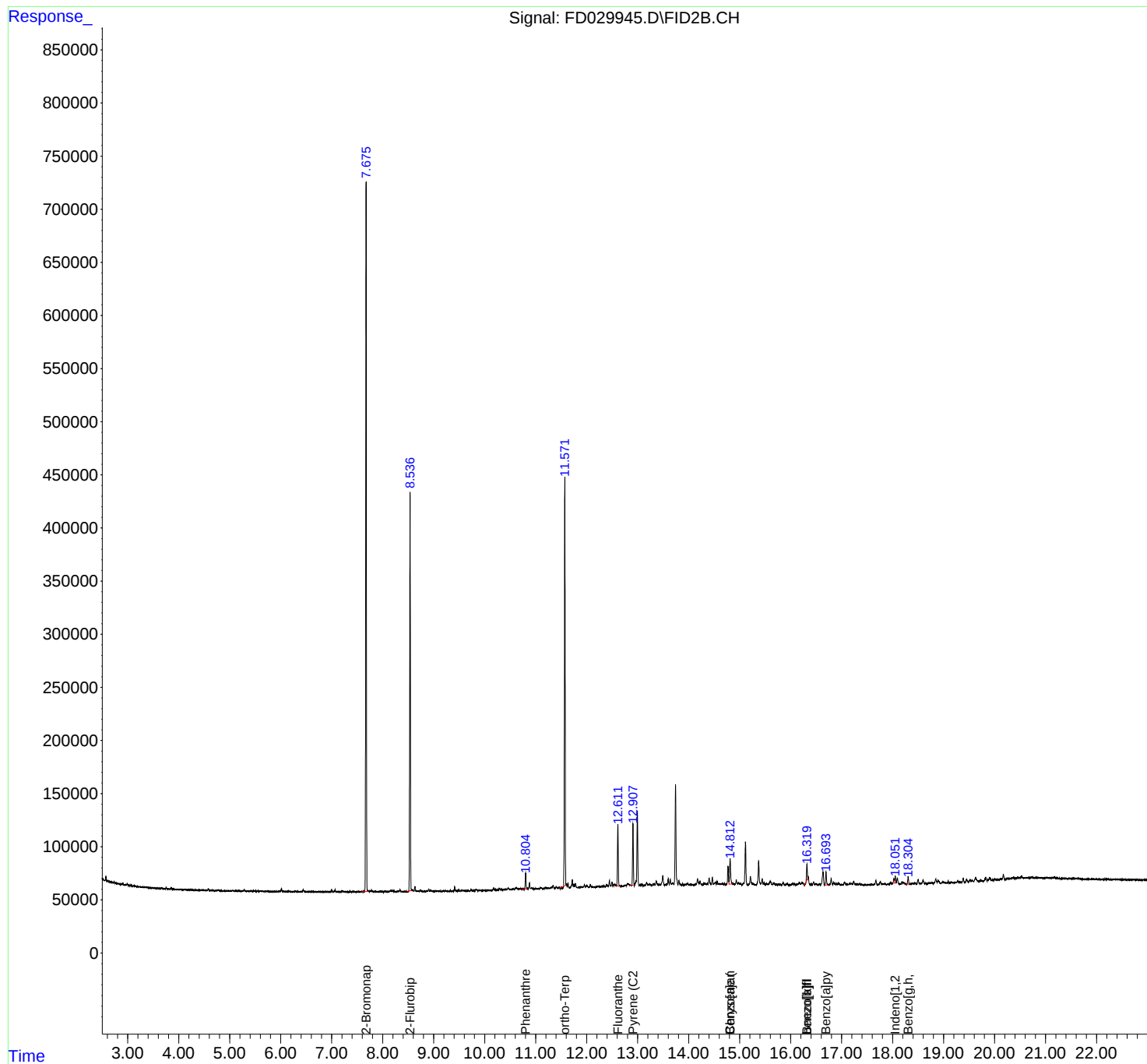
(f)=RT Delta > 1/2 Window

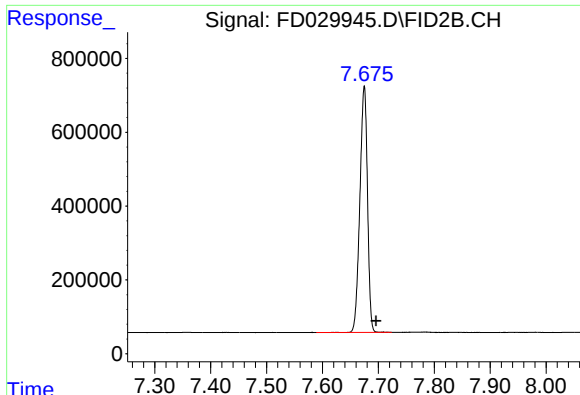
(m)=manual int.

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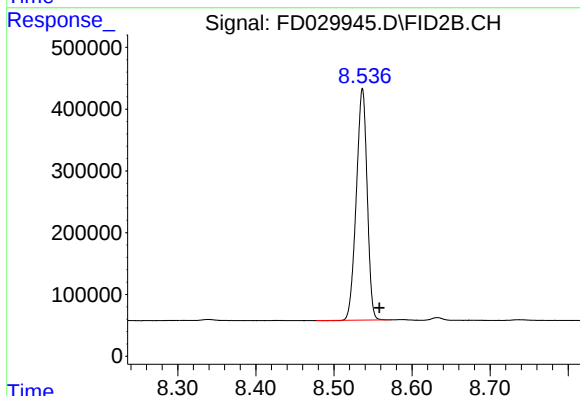
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





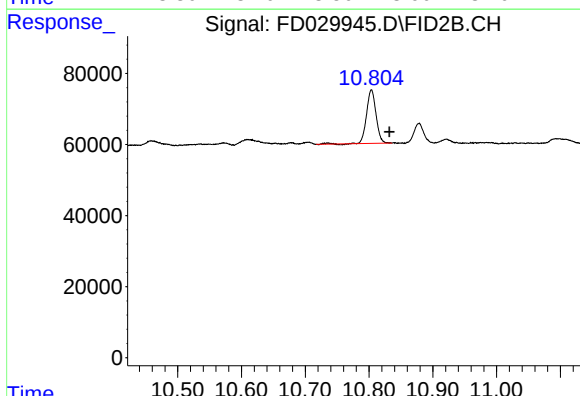
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.675 min  
Delta R.T.: -0.021 min  
Response: 6300651  
Conc: 39.82 ug/ml



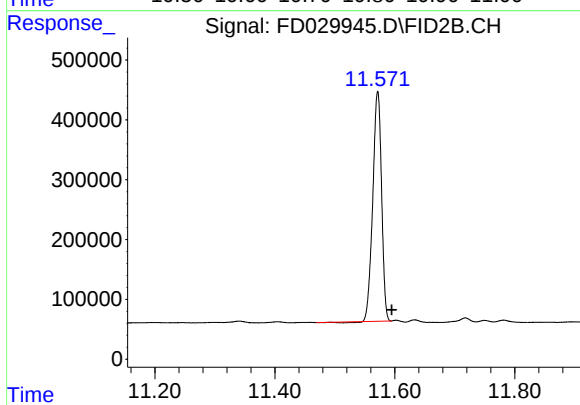
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.537 min  
Delta R.T.: -0.022 min  
Response: 3611136  
Conc: 33.62 ug/ml



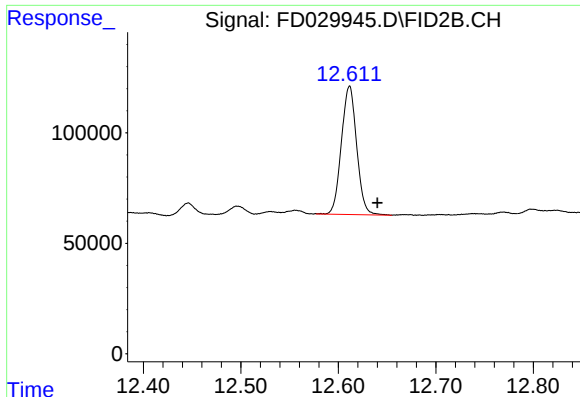
#9 Phenanthrene (C19.36)

R.T.: 10.804 min  
Delta R.T.: -0.028 min  
Response: 155580  
Conc: 0.90 ug/ml



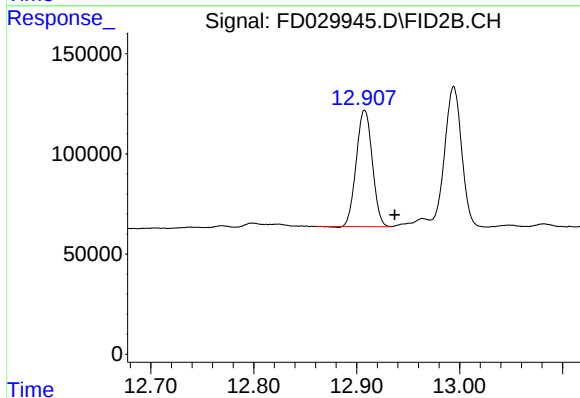
#11 ortho-Terphenyl (SURRE)

R.T.: 11.572 min  
Delta R.T.: -0.023 min  
Response: 3893732  
Conc: 22.94 ug/ml



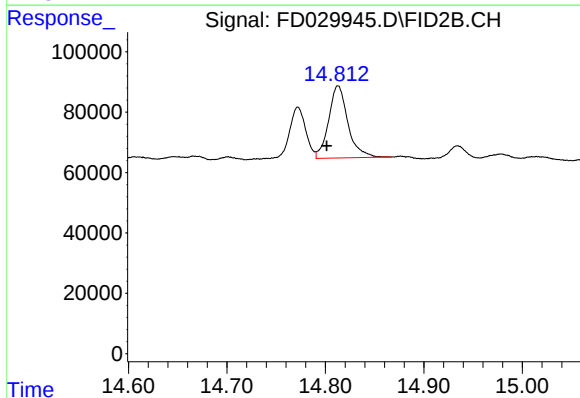
#12 Fluoranthene (C21.85)

R.T.: 12.612 min  
Delta R.T.: -0.029 min  
Response: 632500  
Conc: 3.69 ug/ml



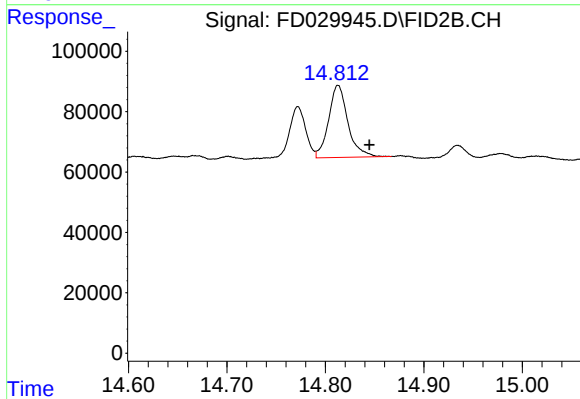
#13 Pyrene (C20.8)

R.T.: 12.908 min  
Delta R.T.: -0.029 min  
Response: 628322  
Conc: 3.69 ug/ml



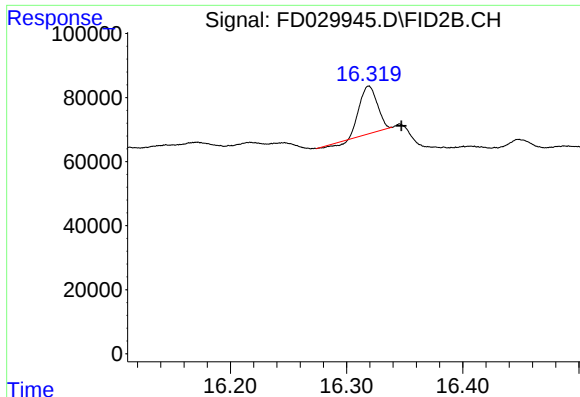
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.813 min  
Delta R.T.: 0.011 min  
Response: 325707  
Conc: 2.09 ug/ml



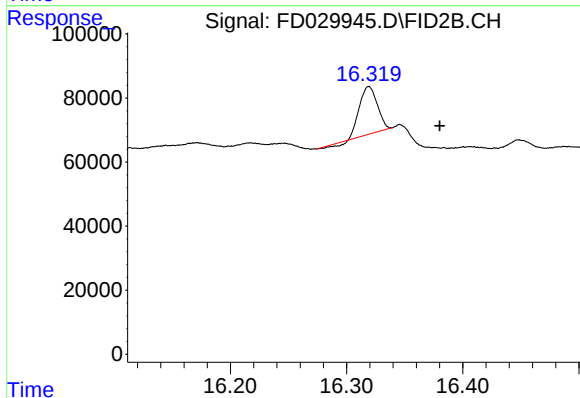
#15 Chrysene (C27.41)

R.T.: 14.813 min  
Delta R.T.: -0.032 min  
Response: 325707  
Conc: 2.09 ug/ml



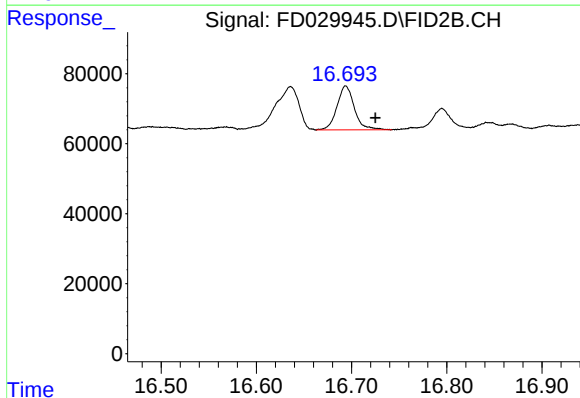
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.319 min  
Delta R.T.: -0.028 min  
Response: 152710  
Conc: 1.05 ug/ml



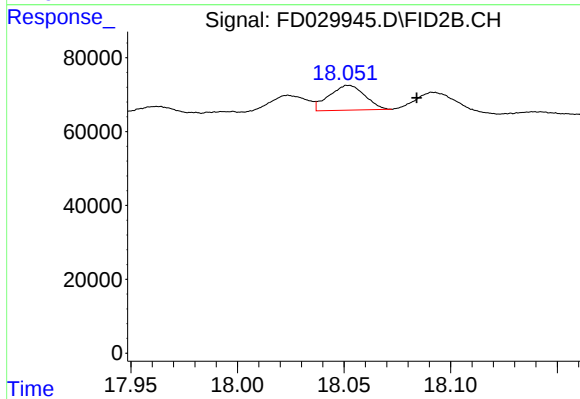
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min  
Delta R.T.: -0.061 min  
Response: 152710  
Conc: 1.06 ug/ml



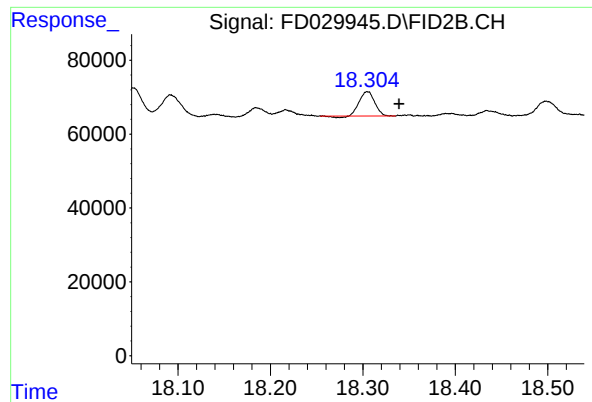
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.694 min  
Delta R.T.: -0.031 min  
Response: 158148  
Conc: 1.13 ug/ml



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

R.T.: 18.052 min  
Delta R.T.: -0.032 min  
Response: 78930  
Conc: 0.62 ug/ml



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

R.T.: 18.305 min  
Delta R.T.: -0.034 min  
Response: 74069  
Conc: 0.59 ug/ml