

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042320AR\  
 Data File : FD033189.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Apr 2020 16:39  
 Operator : DD\AJ  
 Sample : L2314-18MSD  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 WB-4-1MSD

Manual Integrations  
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 4/29/2020 10:53:46 AM

Integration File: autoint1.e  
 Quant Time: Apr 25 01:08:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040620.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 07 02:14:39 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

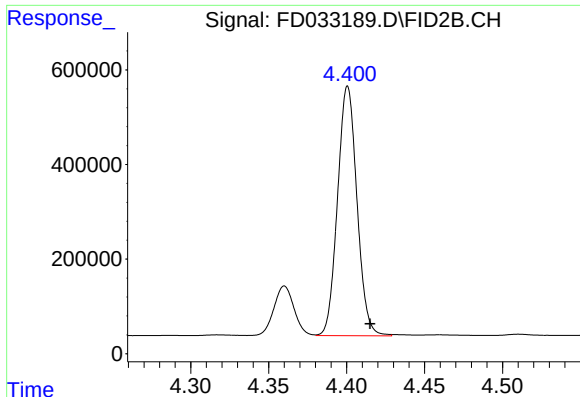
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.596  | 5904303    | 40.242 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 80.48%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.458  | 3868447    | 39.652 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 79.30%        |
| 11) S ortho-Terphenyl (SURR)       | 11.493 | 5946805    | 37.211 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 74.42%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.400  | 4575619    | 29.457 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.936  | 5337668    | 32.714 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.556  | 5348639    | 33.239 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.335  | 5274659    | 33.928 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.806 | 5092033    | 33.431 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.542 | 5301994    | 33.643 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.839 | 5177374    | 33.154 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.712 | 4813103    | 33.812 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.755 | 5905716    | 40.025 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.267 | 5388191    | 39.479 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.300 | 4724222    | 34.325 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.647 | 4458574    | 33.657 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.017 | 4850304    | 40.183 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.051 | 4454002    | 35.555 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.273 | 4738223    | 39.150 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.





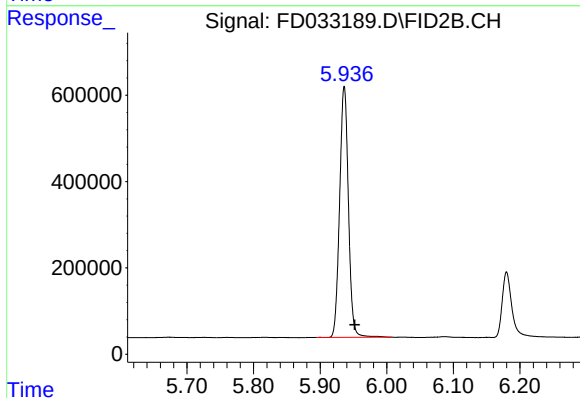
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min  
Delta R.T.: -0.015 min  
Response: 4575619  
Conc: 29.46 ug/ml m

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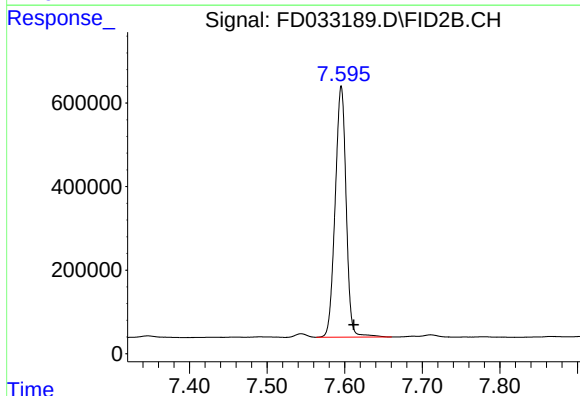
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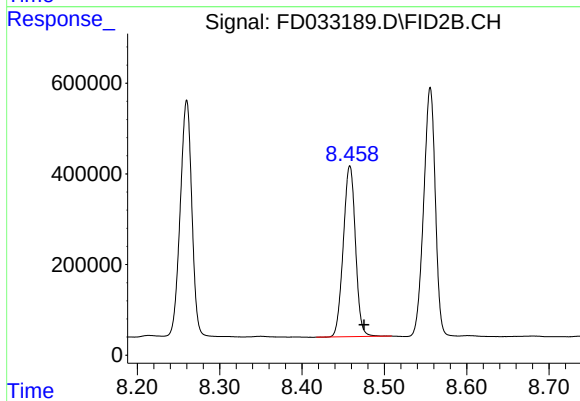
#2 Naphthalene (C11.7)

R.T.: 5.936 min  
Delta R.T.: -0.016 min  
Response: 5337668  
Conc: 32.71 ug/ml



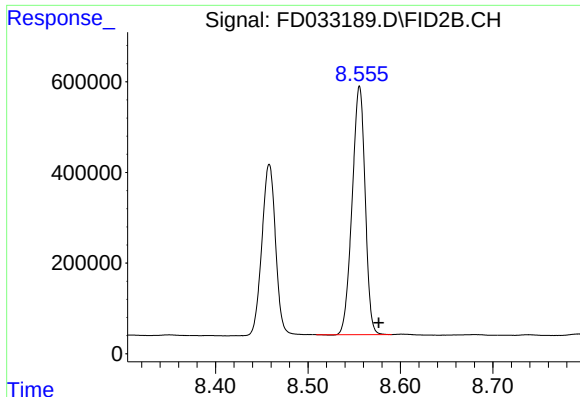
#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min  
Delta R.T.: -0.016 min  
Response: 5904303  
Conc: 40.24 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min  
Delta R.T.: -0.017 min  
Response: 3868447  
Conc: 39.65 ug/ml



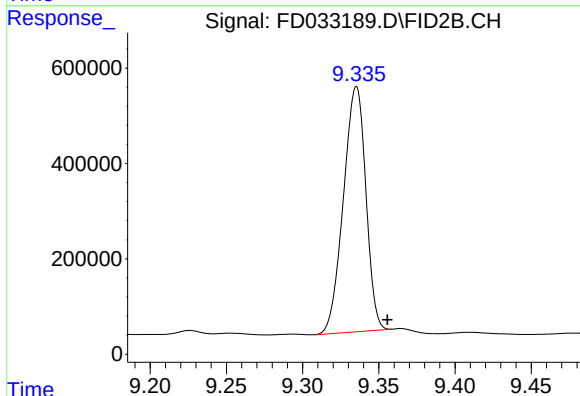
#7 Acenaphthene (C15.5)

R.T.: 8.556 min  
Delta R.T.: -0.021 min  
Response: 5348639  
Conc: 33.24 ug/ml

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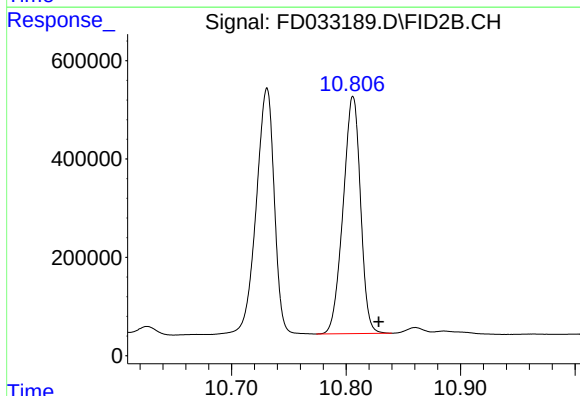
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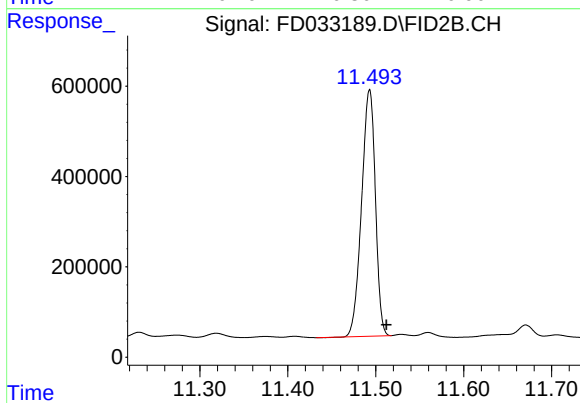
#8 Flouorene (C16.55)

R.T.: 9.335 min  
Delta R.T.: -0.020 min  
Response: 5274659  
Conc: 33.93 ug/ml



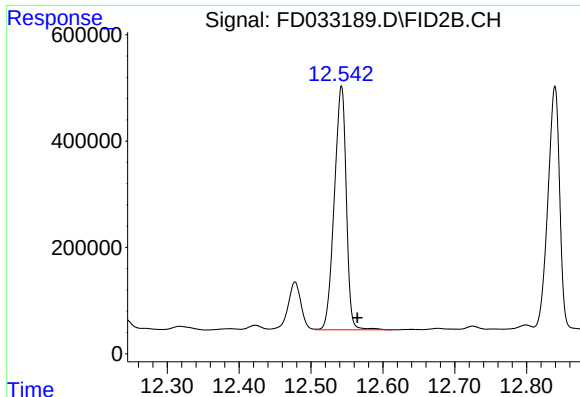
#10 Anthracene (C19.43)

R.T.: 10.806 min  
Delta R.T.: -0.022 min  
Response: 5092033  
Conc: 33.43 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min  
Delta R.T.: -0.019 min  
Response: 5946805  
Conc: 37.21 ug/ml



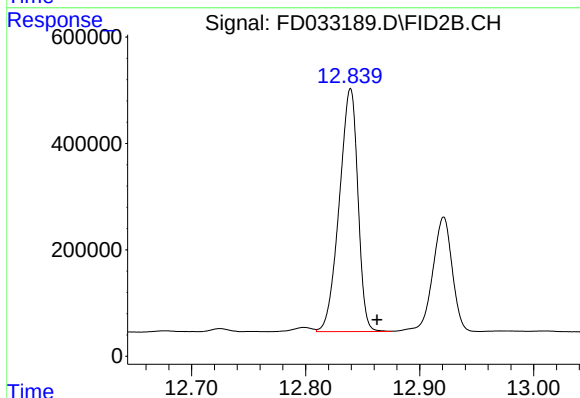
#12 Fluoranthene (C21.85)

R.T.: 12.542 min  
Delta R.T.: -0.022 min  
Response: 5301994  
Conc: 33.64 ug/ml

Instrument :  
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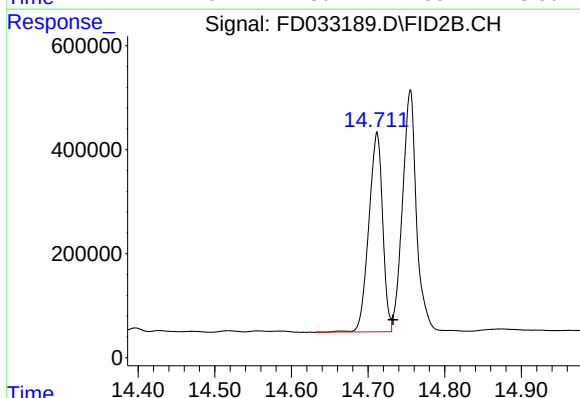
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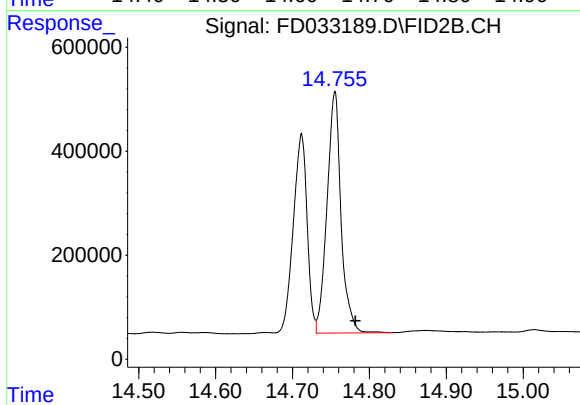
#13 Pyrene (C20.8)

R.T.: 12.839 min  
Delta R.T.: -0.023 min  
Response: 5177374  
Conc: 33.15 ug/ml



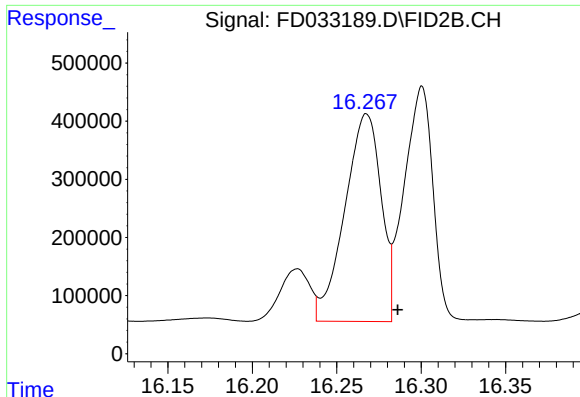
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min  
Delta R.T.: -0.021 min  
Response: 4813103  
Conc: 33.81 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.755 min  
Delta R.T.: -0.027 min  
Response: 5905716  
Conc: 40.02 ug/ml



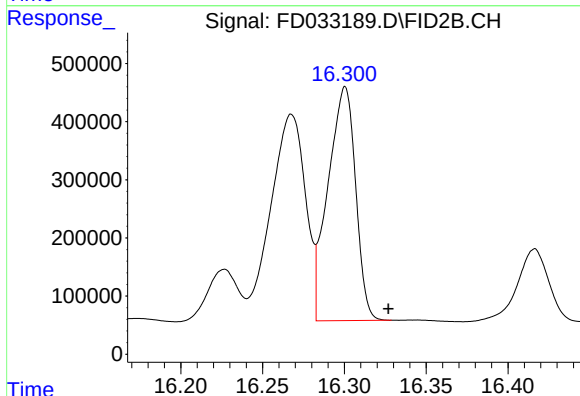
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.267 min  
Delta R.T.: -0.019 min  
Response: 5388191  
Conc: 39.48 ug/ml m

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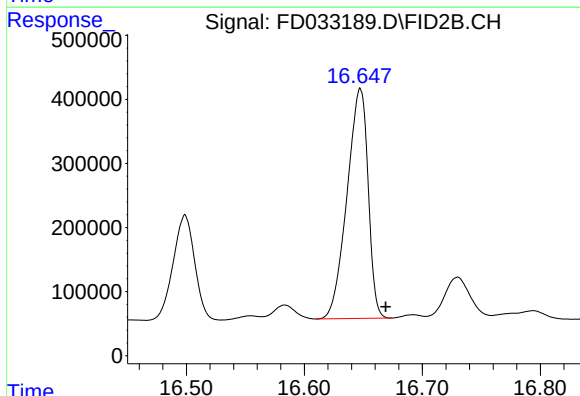
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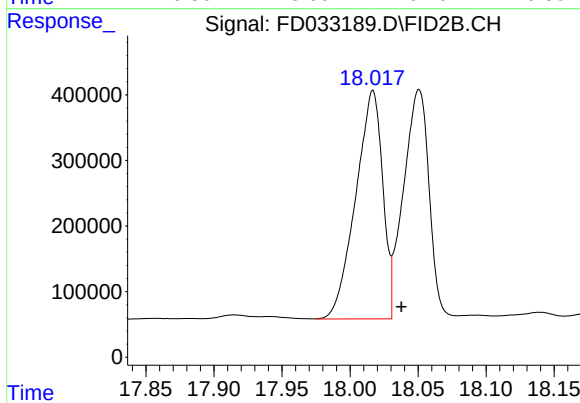
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min  
Delta R.T.: -0.026 min  
Response: 4724222  
Conc: 34.32 ug/ml



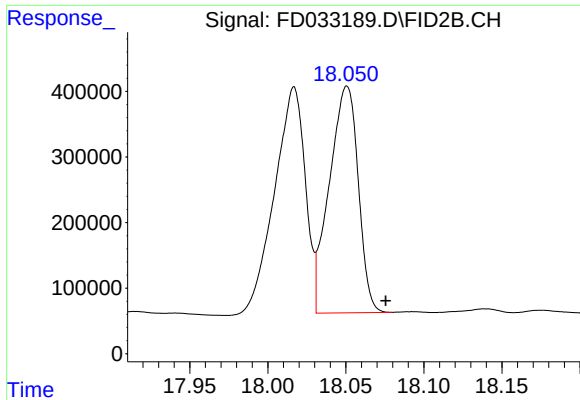
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min  
Delta R.T.: -0.022 min  
Response: 4458574  
Conc: 33.66 ug/ml



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

R.T.: 18.017 min  
Delta R.T.: -0.021 min  
Response: 4850304  
Conc: 40.18 ug/ml m



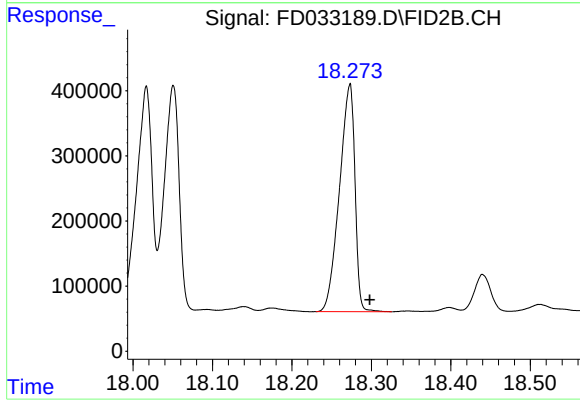
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.051 min  
Delta R.T.: -0.025 min  
Response: 4454002  
Conc: 35.55 ug/ml

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

R.T.: 18.273 min  
Delta R.T.: -0.025 min  
Response: 4738223  
Conc: 39.15 ug/ml