

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110819AR\  
 Data File : FD031398.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Nov 2019 2:24  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Nov 09 03:07:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 06 03:03:26 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

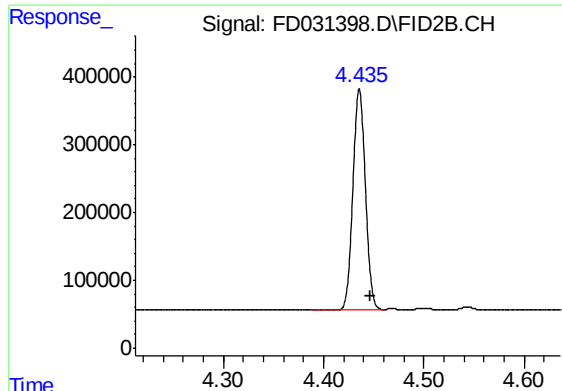
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.636  | 2699226    | 22.676 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.35%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.496  | 1850016    | 22.454 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 44.91%       |
| 11) S ortho-Terphenyl (SURR)       | 11.538 | 2807943    | 21.943 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.89%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.436  | 2808657    | 23.399 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.974  | 2992532    | 23.242 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.025  | 2954893    | 23.008 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.300  | 2816153    | 22.370 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.596  | 2937909    | 22.438 ug/ml |
| 8) T Fluorene (C16.55)             | 9.375  | 2908462    | 22.246 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.770 | 2868569    | 21.772 ug/ml |
| 10) T Anthracene (C19.43)          | 10.844 | 2733089    | 21.196 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.579 | 2881078    | 21.740 ug/ml |
| 13) T Pyrene (C20.8)               | 12.876 | 2859576    | 21.713 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.744 | 2712565    | 21.429 ug/ml |
| 15) T Chrysene (C27.41)            | 14.786 | 2718283    | 21.432 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.324 | 2664060    | 21.223 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.324 | 2664060    | 21.170 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.669 | 2634777    | 21.232 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.072 | 2625072    | 21.581 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.072 | 2625072    | 21.200 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.285 | 2471463    | 20.487 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

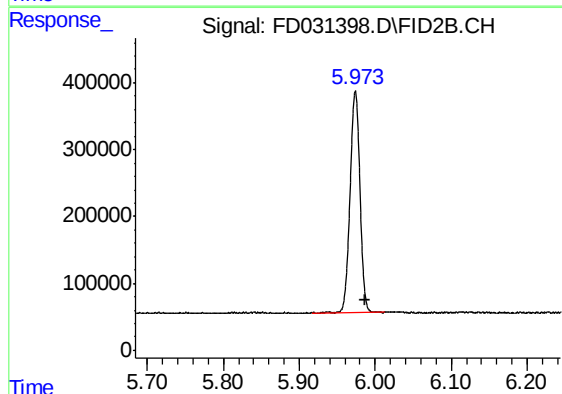




#1 1,2,3-Trimethylbenzene (C10.1)

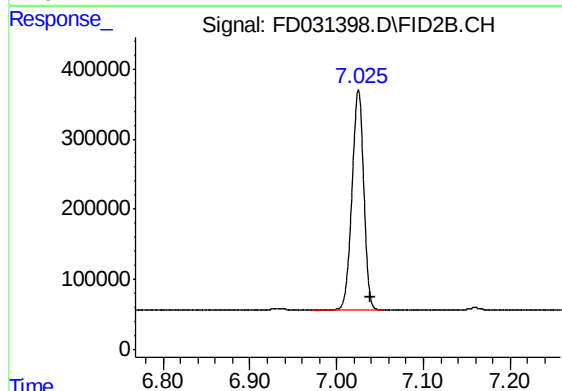
R.T.: 4.436 min  
Delta R.T.: -0.011 min  
Response: 2808657  
Conc: 23.40 ug/ml

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FID\_D  
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20 PPM AROMATIC HC STD



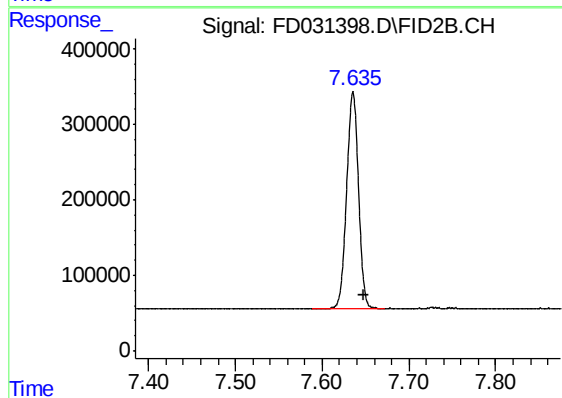
#2 Naphthalene (C11.7)

R.T.: 5.974 min  
Delta R.T.: -0.013 min  
Response: 2992532  
Conc: 23.24 ug/ml



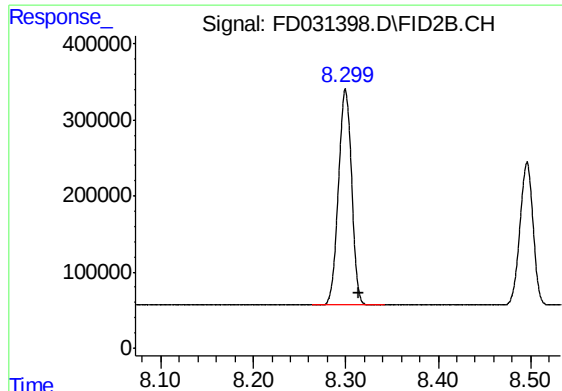
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min  
Delta R.T.: -0.014 min  
Response: 2954893  
Conc: 23.01 ug/ml



#4 2-Bromonaphthalene (SURR)

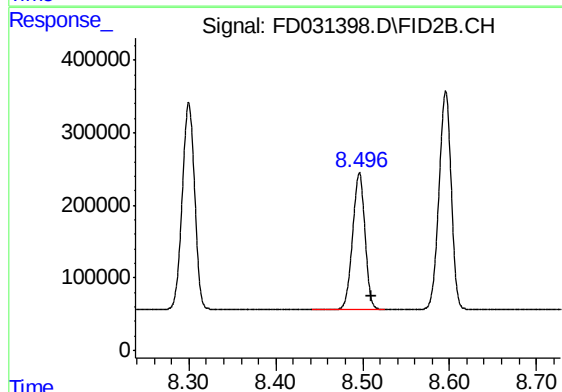
R.T.: 7.636 min  
Delta R.T.: -0.012 min  
Response: 2699226  
Conc: 22.68 ug/ml



#5 Acenaphthylene (C15.06)

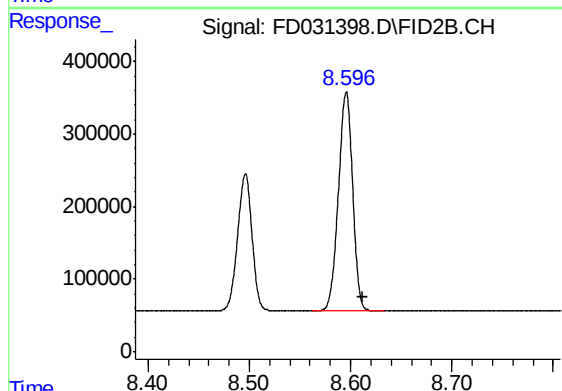
R.T.: 8.300 min  
Delta R.T.: -0.014 min  
Response: 2816153  
Conc: 22.37 ug/ml

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20 PPM AROMATIC HC STD



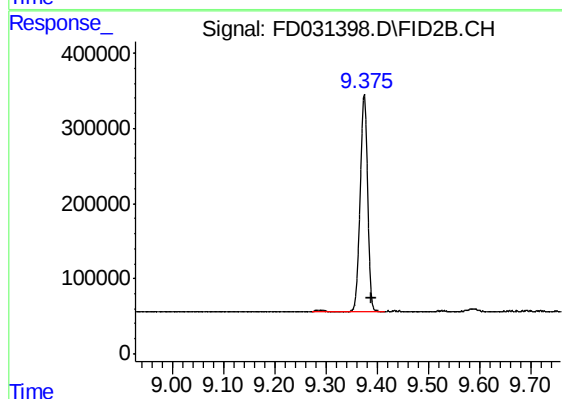
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.496 min  
Delta R.T.: -0.014 min  
Response: 1850016  
Conc: 22.45 ug/ml



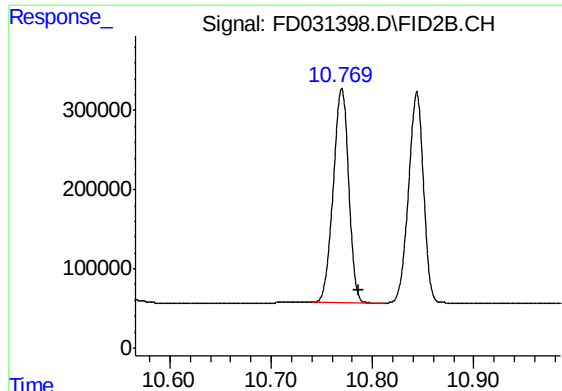
#7 Acenaphthene (C15.5)

R.T.: 8.596 min  
Delta R.T.: -0.016 min  
Response: 2937909  
Conc: 22.44 ug/ml



#8 Fluorene (C16.55)

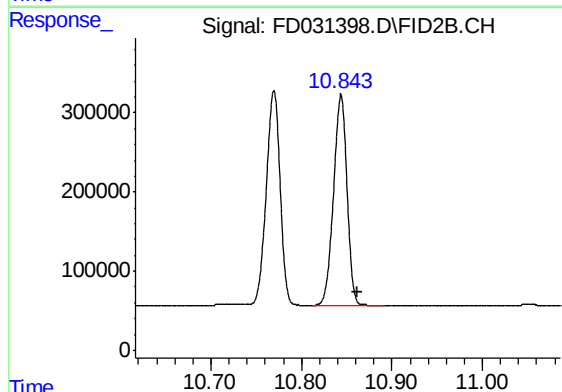
R.T.: 9.375 min  
Delta R.T.: -0.015 min  
Response: 2908462  
Conc: 22.25 ug/ml



#9 Phenanthrene (C19.36)

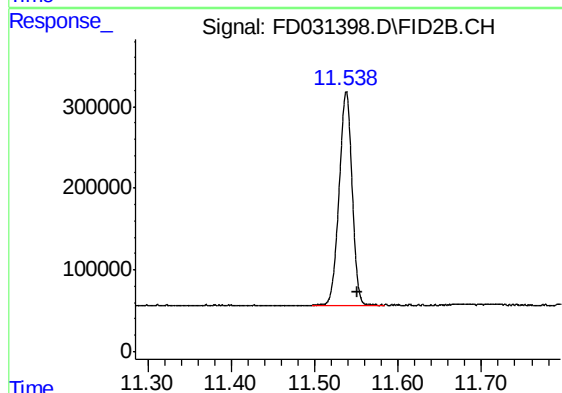
R.T.: 10.770 min  
Delta R.T.: -0.017 min  
Response: 2868569  
Conc: 21.77 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



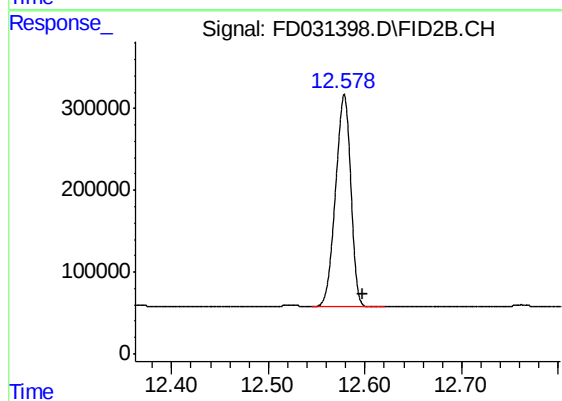
#10 Anthracene (C19.43)

R.T.: 10.844 min  
Delta R.T.: -0.019 min  
Response: 2733089  
Conc: 21.20 ug/ml



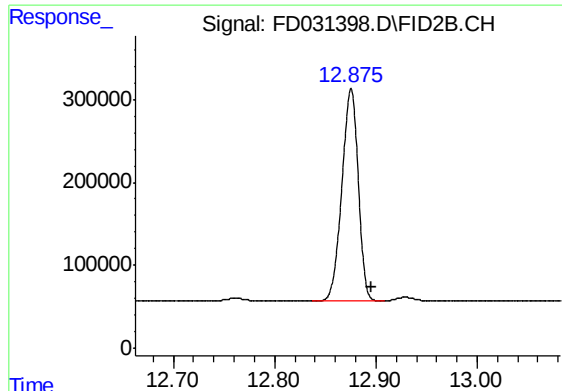
#11 ortho-Terphenyl (SURRE)

R.T.: 11.538 min  
Delta R.T.: -0.013 min  
Response: 2807943  
Conc: 21.94 ug/ml



#12 Fluoranthene (C21.85)

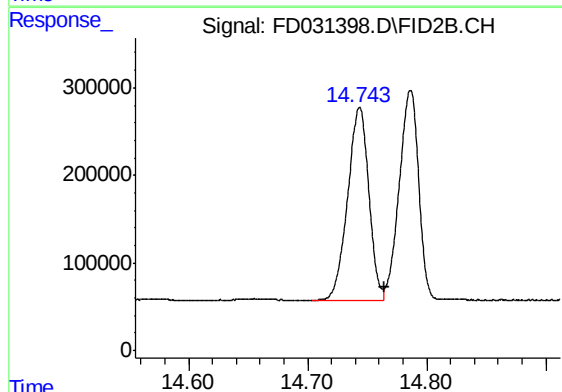
R.T.: 12.579 min  
Delta R.T.: -0.019 min  
Response: 2881078  
Conc: 21.74 ug/ml



#13 Pyrene (C20.8)

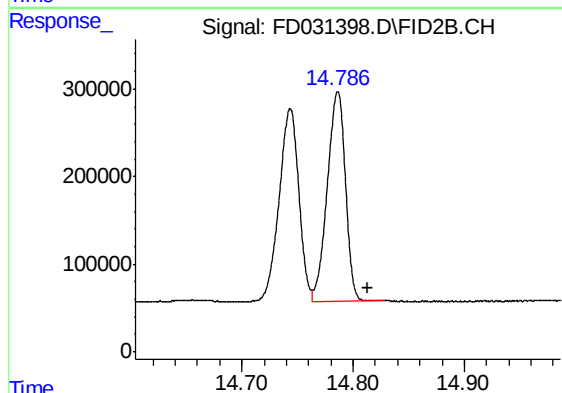
R.T.: 12.876 min  
Delta R.T.: -0.020 min  
Response: 2859576  
Conc: 21.71 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



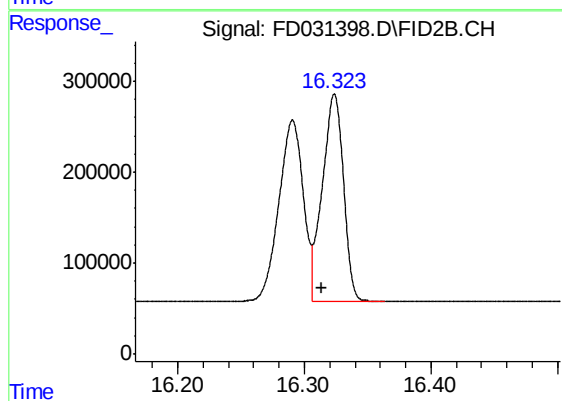
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min  
Delta R.T.: -0.021 min  
Response: 2712565  
Conc: 21.43 ug/ml



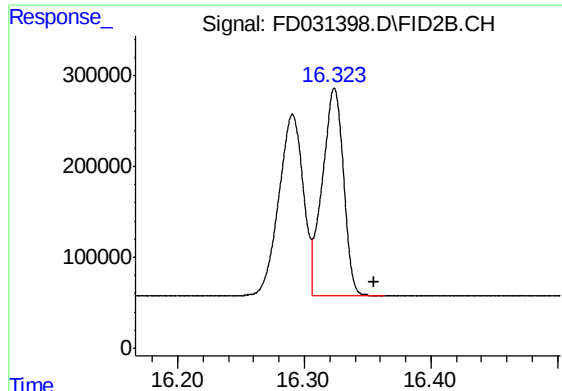
#15 Chrysene (C27.41)

R.T.: 14.786 min  
Delta R.T.: -0.027 min  
Response: 2718283  
Conc: 21.43 ug/ml



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

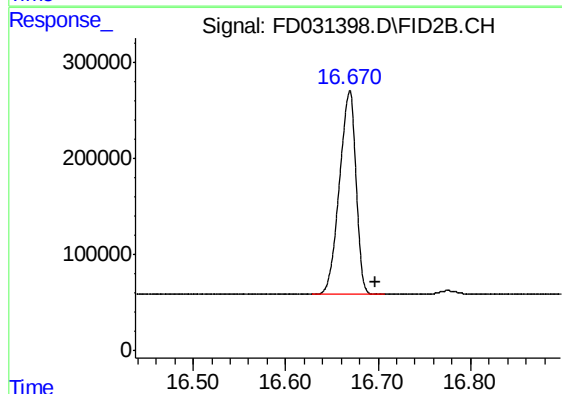
R.T.: 16.324 min  
Delta R.T.: 0.010 min  
Response: 2664060  
Conc: 21.22 ug/ml



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

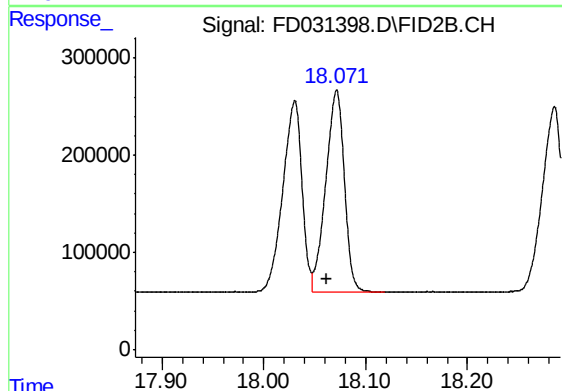
R.T.: 16.324 min  
Delta R.T.: -0.031 min  
Response: 2664060  
Conc: 21.17 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



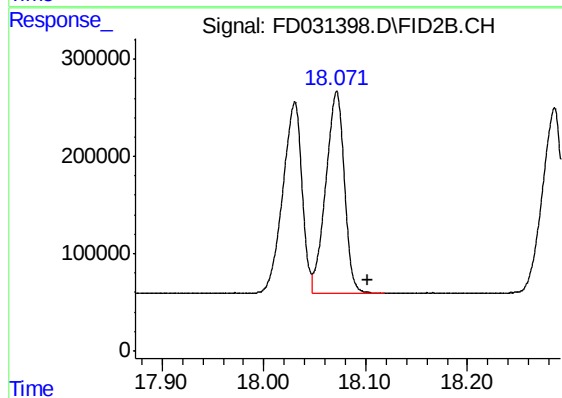
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min  
Delta R.T.: -0.028 min  
Response: 2634777  
Conc: 21.23 ug/ml



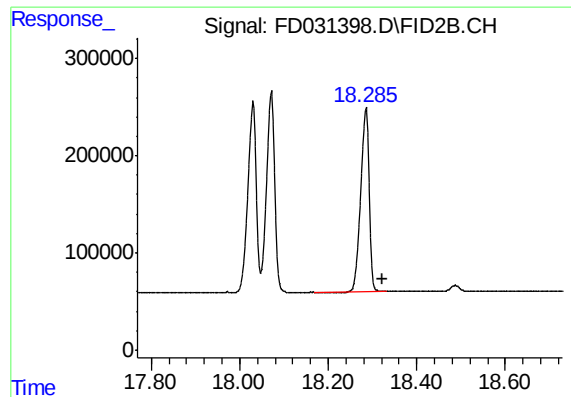
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.072 min  
Delta R.T.: 0.010 min  
Response: 2625072  
Conc: 21.58 ug/ml



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

R.T.: 18.072 min  
Delta R.T.: -0.030 min  
Response: 2625072  
Conc: 21.20 ug/ml



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

R.T.: 18.285 min  
Delta R.T.: -0.037 min  
Response: 2471463  
Conc: 20.49 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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