

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081225AR\  
 Data File : FD049624.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Aug 2025 18:50  
 Operator : YP/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: Aug 13 00:31:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 081125.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 11 14:11:57 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

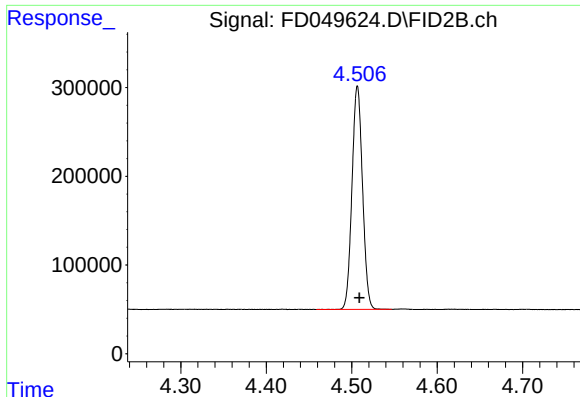
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.714  | 2227159    | 21.731 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.46%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.579  | 1598286    | 21.881 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.76%       |
| 11) S ortho-Terphenyl (SURR)       | 11.625 | 2812377    | 21.668 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.34%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.507  | 2151285    | 21.254 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.050  | 2468923    | 21.533 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.104  | 2588173    | 21.696 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.382  | 2724922    | 21.676 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.679  | 2722852    | 21.655 ug/ml |
| 8) T Flouorene (C16.55)            | 9.460  | 2760710    | 21.805 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.859 | 2825114    | 21.870 ug/ml |
| 10) T Anthracene (C19.43)          | 10.933 | 2674645    | 21.711 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.672 | 2792240    | 21.812 ug/ml |
| 13) T Pyrene (C20.8)               | 12.970 | 2771641    | 21.830 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.842 | 2481208    | 21.502 ug/ml |
| 15) T Chrysene (C27.41)            | 14.885 | 2517501    | 21.502 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.393 | 2382080    | 20.944 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.425 | 2245393    | 20.976 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.772 | 2304653    | 20.775 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.135 | 2095630    | 20.331 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.176 | 2270097    | 20.827 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.391 | 2230985    | 20.416 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

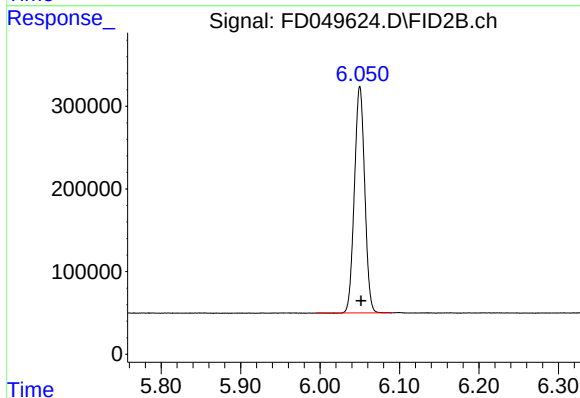




#1 1,2,3-Trimethylbenzene (C10.1)

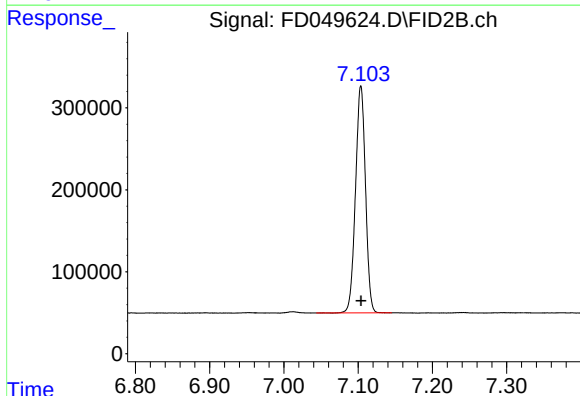
R.T.: 4.507 min  
Delta R.T.: -0.002 min  
Response: 2151285  
Conc: 21.25 ug/ml

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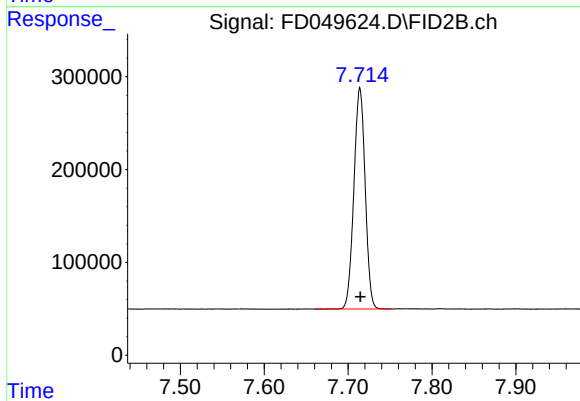
#2 Naphthalene (C11.7)

R.T.: 6.050 min  
Delta R.T.: -0.001 min  
Response: 2468923  
Conc: 21.53 ug/ml



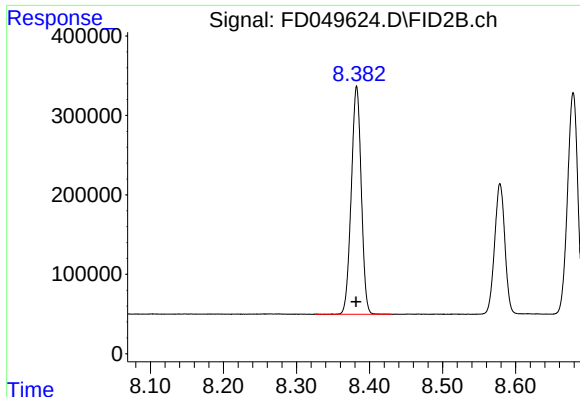
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 2588173  
Conc: 21.70 ug/ml



#4 2-Bromonaphthalene (SURR)

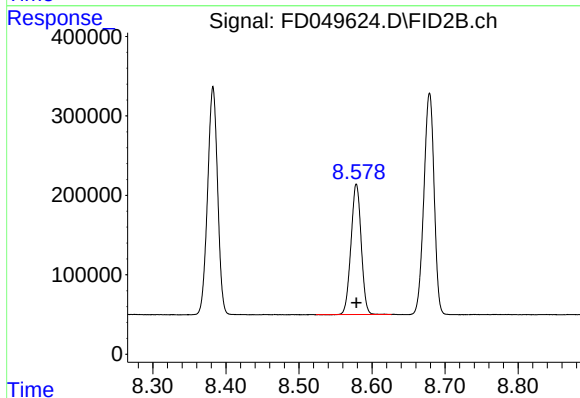
R.T.: 7.714 min  
Delta R.T.: 0.000 min  
Response: 2227159  
Conc: 21.73 ug/ml



#5 Acenaphthylene (C15.06)

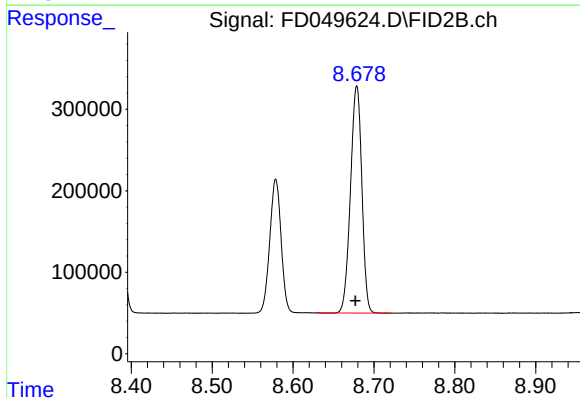
R.T.: 8.382 min  
Delta R.T.: 0.000 min  
Response: 2724922  
Conc: 21.68 ug/ml

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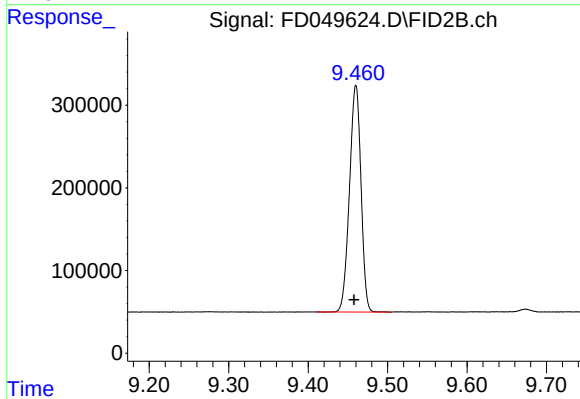
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min  
Delta R.T.: 0.000 min  
Response: 1598286  
Conc: 21.88 ug/ml



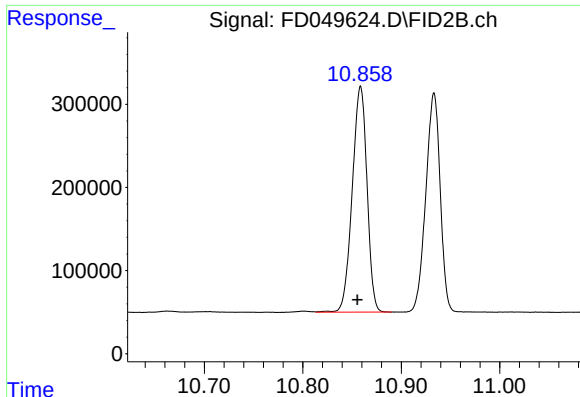
#7 Acenaphthene (C15.5)

R.T.: 8.679 min  
Delta R.T.: 0.002 min  
Response: 2722852  
Conc: 21.66 ug/ml



#8 Fluorene (C16.55)

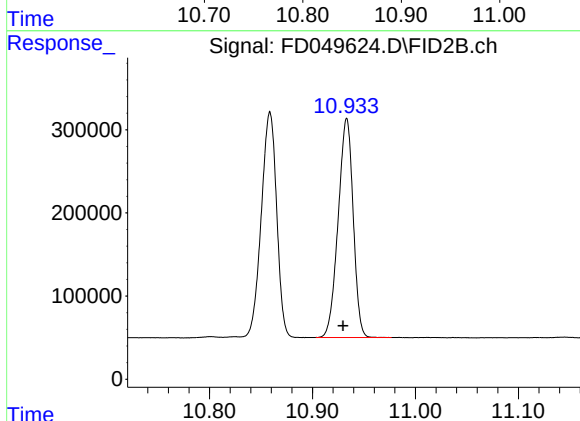
R.T.: 9.460 min  
Delta R.T.: 0.002 min  
Response: 2760710  
Conc: 21.81 ug/ml



#9 Phenanthrene (C19.36)

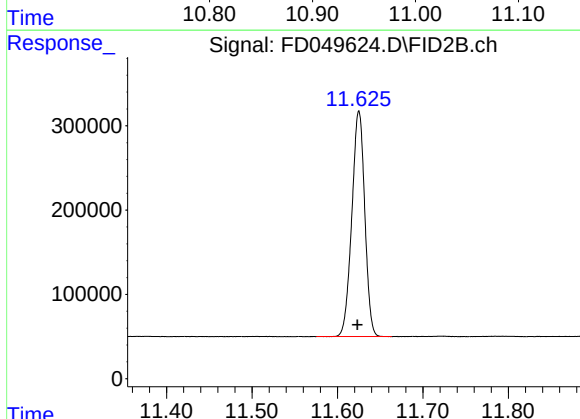
R.T.: 10.859 min  
Delta R.T.: 0.003 min  
Response: 2825114  
Conc: 21.87 ug/ml

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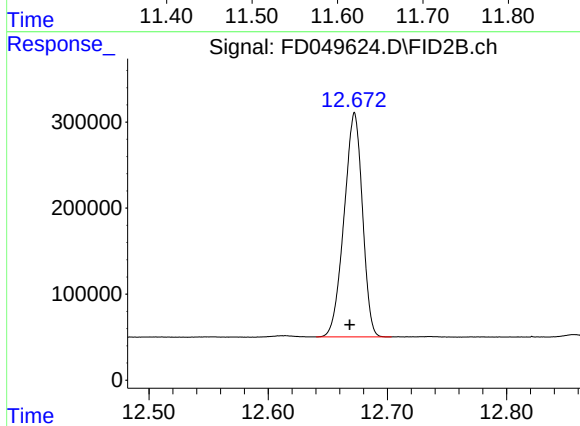
#10 Anthracene (C19.43)

R.T.: 10.933 min  
Delta R.T.: 0.003 min  
Response: 2674645  
Conc: 21.71 ug/ml



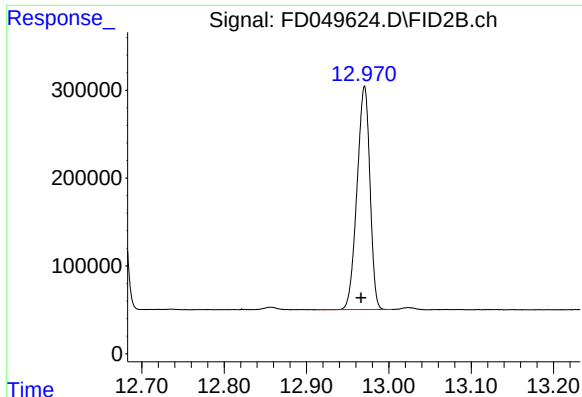
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min  
Delta R.T.: 0.002 min  
Response: 2812377  
Conc: 21.67 ug/ml



#12 Fluoranthene (C21.85)

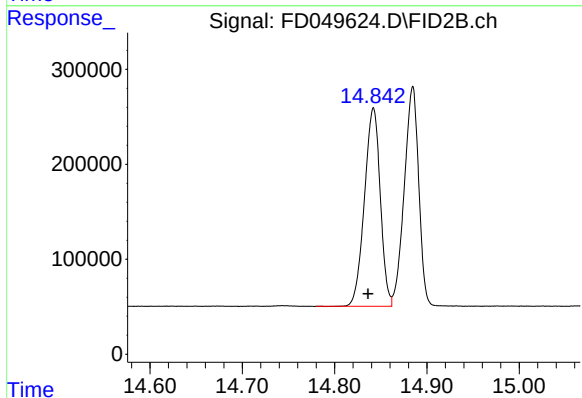
R.T.: 12.672 min  
Delta R.T.: 0.004 min  
Response: 2792240  
Conc: 21.81 ug/ml



#13 Pyrene (C20.8)

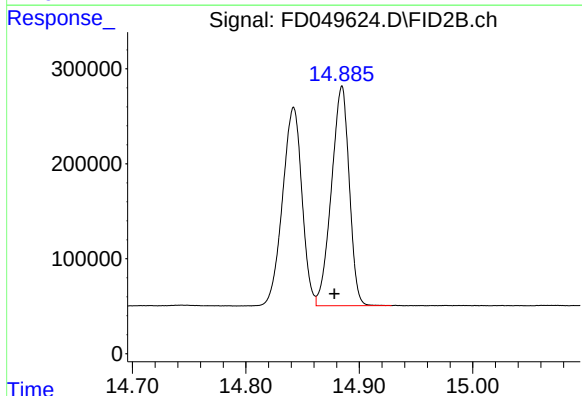
R.T.: 12.970 min  
Delta R.T.: 0.004 min  
Response: 2771641  
Conc: 21.83 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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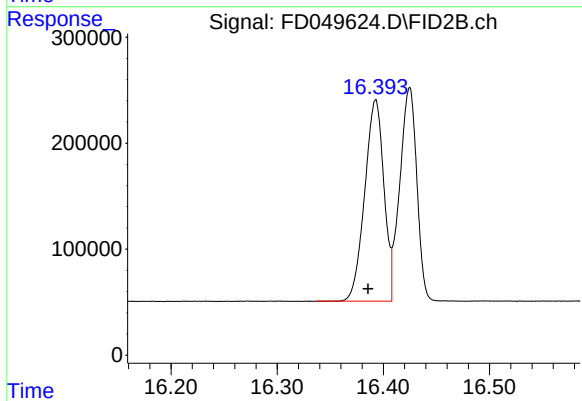
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.842 min  
Delta R.T.: 0.006 min  
Response: 2481208  
Conc: 21.50 ug/ml



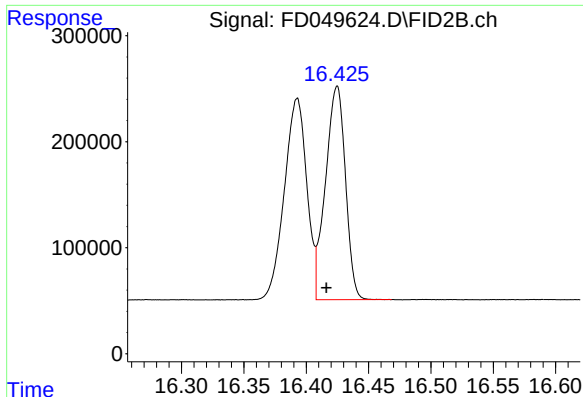
#15 Chrysene (C27.41)

R.T.: 14.885 min  
Delta R.T.: 0.007 min  
Response: 2517501  
Conc: 21.50 ug/ml



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

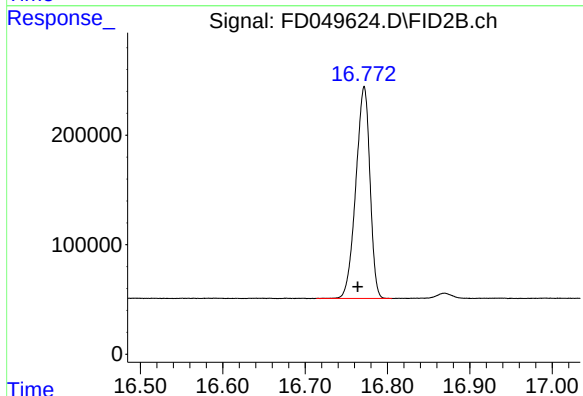
R.T.: 16.393 min  
Delta R.T.: 0.007 min  
Response: 2382080  
Conc: 20.94 ug/ml



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

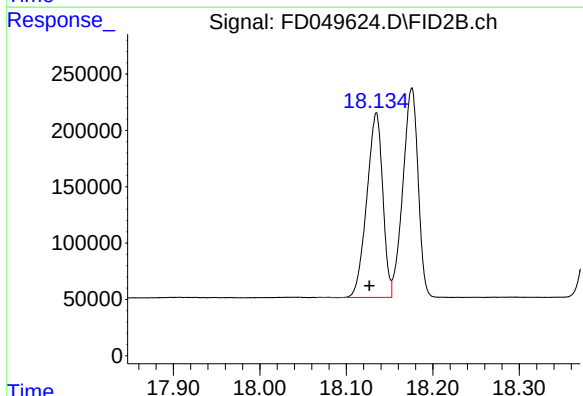
R.T.: 16.425 min  
Delta R.T.: 0.008 min  
Response: 2245393  
Conc: 20.98 ug/ml

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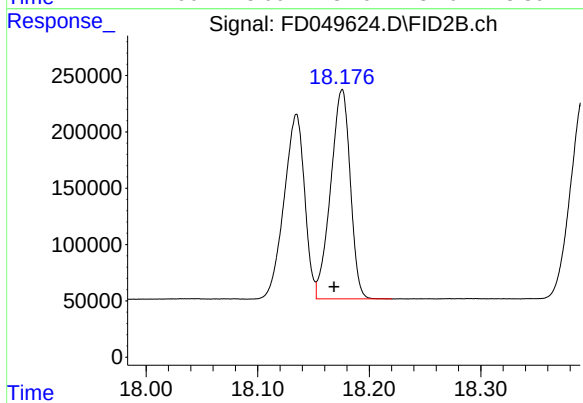
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.772 min  
Delta R.T.: 0.008 min  
Response: 2304653  
Conc: 20.77 ug/ml



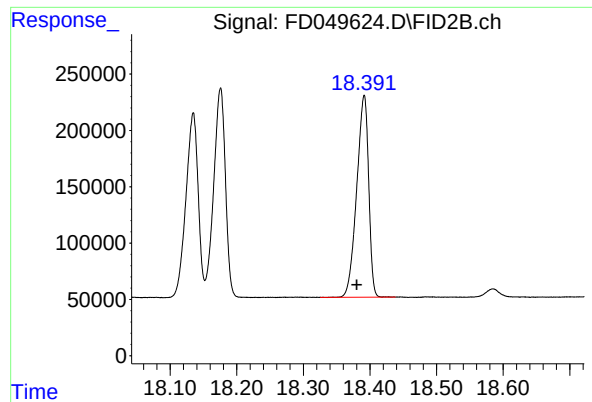
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min  
Delta R.T.: 0.008 min  
Response: 2095630  
Conc: 20.33 ug/ml



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

R.T.: 18.176 min  
Delta R.T.: 0.007 min  
Response: 2270097  
Conc: 20.83 ug/ml



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

R.T.: 18.391 min  
Delta R.T.: 0.011 min  
Response: 2230985  
Conc: 20.42 ug/ml

Instrument :

FID\_D

ClientSampleId :

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