

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040825AR\  
 Data File : FD049244.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Apr 2025 17:26  
 Operator : YP/AJ  
 Sample : PB167513BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 09 02:35:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 05:25:12 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

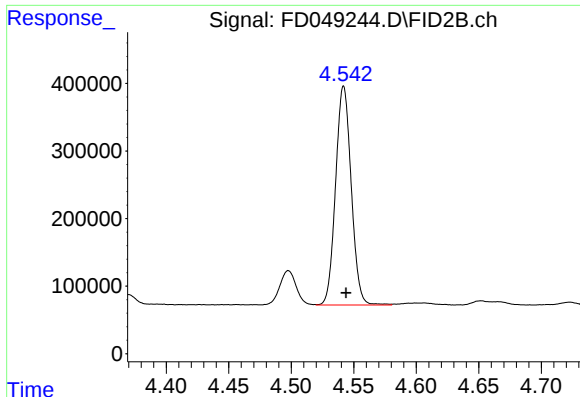
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.752  | 6326156    | 42.706 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 85.41%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.618  | 3069688    | 30.094 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 60.19%       |
| 11) S ortho-Terphenyl (SURR)       | 11.663 | 7541600    | 42.805 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 85.61%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.542  | 2817945    | 18.805 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.088  | 3901551    | 23.829 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.142  | 4030089    | 24.915 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.422  | 5705860    | 32.302 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.718  | 5415185    | 31.431 ug/ml |
| 8) T Fluorene (C16.55)             | 9.500  | 6689756    | 38.363 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.900 | 7079388    | 41.252 ug/ml |
| 10) T Anthracene (C19.43)          | 10.975 | 6662509    | 42.410 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.715 | 7416740    | 43.879 ug/ml |
| 13) T Pyrene (C20.8)               | 13.013 | 7055671    | 42.069 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.884 | 6739265    | 46.883 ug/ml |
| 15) T Chrysene (C27.41)            | 14.929 | 7308649    | 50.651 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.434 | 6419791    | 46.145 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.470 | 6346359    | 46.403 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.815 | 5888635    | 45.285 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.179 | 6240489    | 50.622 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.217 | 5791407    | 45.801 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.436 | 5909365    | 45.265 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

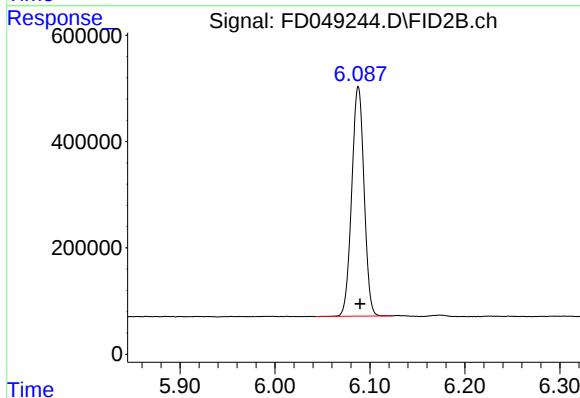




#1 1,2,3-Trimethylbenzene (C10.1)

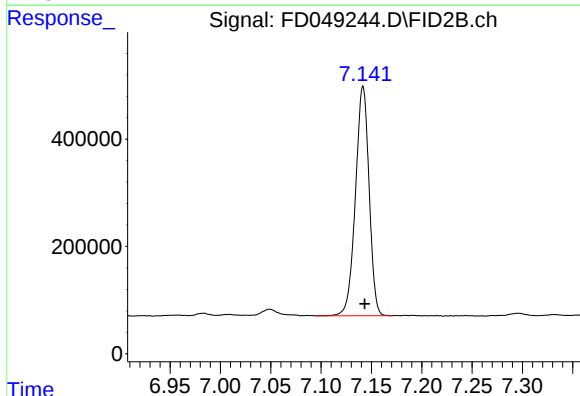
R.T.: 4.542 min  
Delta R.T.: -0.002 min  
Response: 2817945  
Conc: 18.81 ug/ml

Instrument :  
FID\_D  
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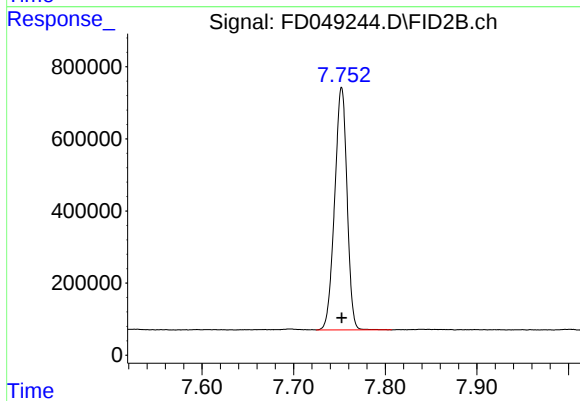
#2 Naphthalene (C11.7)

R.T.: 6.088 min  
Delta R.T.: -0.002 min  
Response: 3901551  
Conc: 23.83 ug/ml



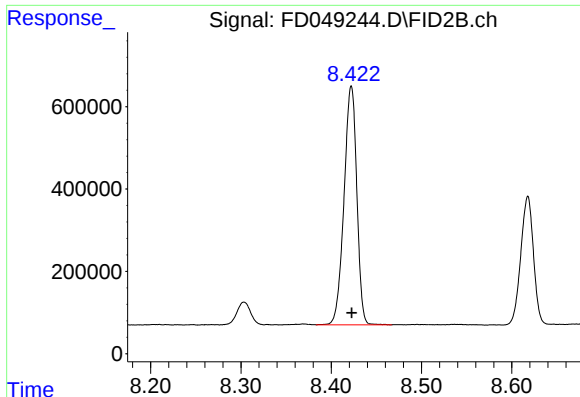
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.142 min  
Delta R.T.: -0.002 min  
Response: 4030089  
Conc: 24.92 ug/ml



#4 2-Bromonaphthalene (SURR)

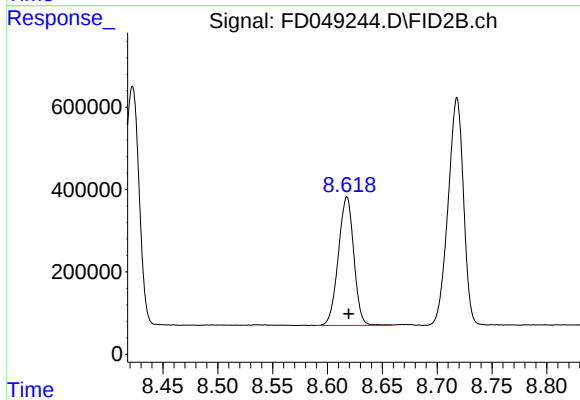
R.T.: 7.752 min  
Delta R.T.: 0.000 min  
Response: 6326156  
Conc: 42.71 ug/ml



#5 Acenaphthylene (C15.06)

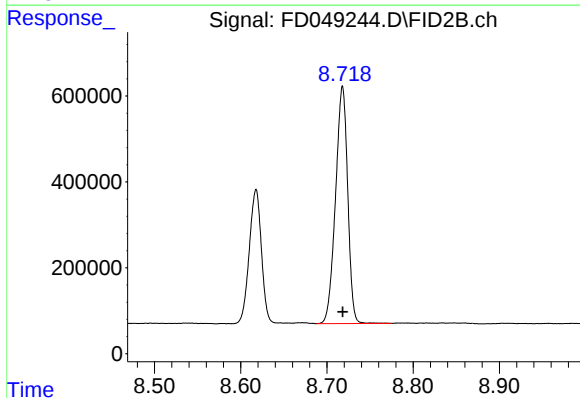
R.T.: 8.422 min  
Delta R.T.: 0.000 min  
Response: 5705860  
Conc: 32.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



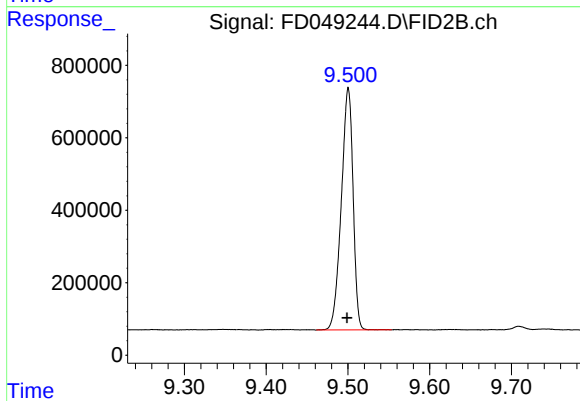
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min  
Delta R.T.: -0.001 min  
Response: 3069688  
Conc: 30.09 ug/ml



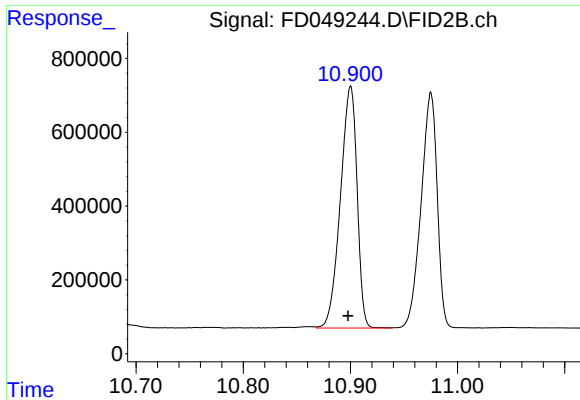
#7 Acenaphthene (C15.5)

R.T.: 8.718 min  
Delta R.T.: 0.000 min  
Response: 5415185  
Conc: 31.43 ug/ml



#8 Flouorene (C16.55)

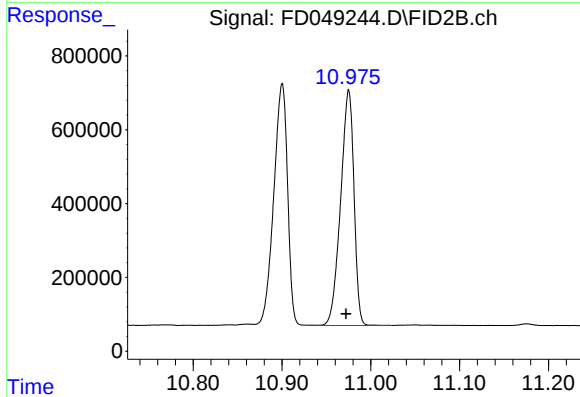
R.T.: 9.500 min  
Delta R.T.: 0.001 min  
Response: 6689756  
Conc: 38.36 ug/ml



#9 Phenanthrene (C19.36)

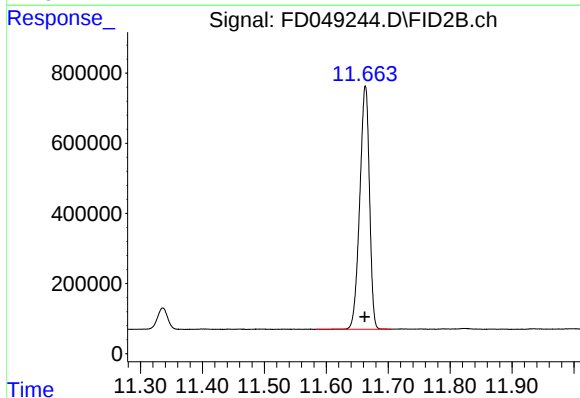
R.T.: 10.900 min  
Delta R.T.: 0.002 min  
Response: 7079388  
Conc: 41.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



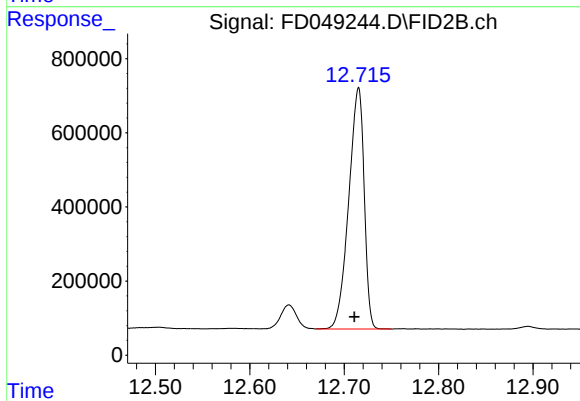
#10 Anthracene (C19.43)

R.T.: 10.975 min  
Delta R.T.: 0.003 min  
Response: 6662509  
Conc: 42.41 ug/ml



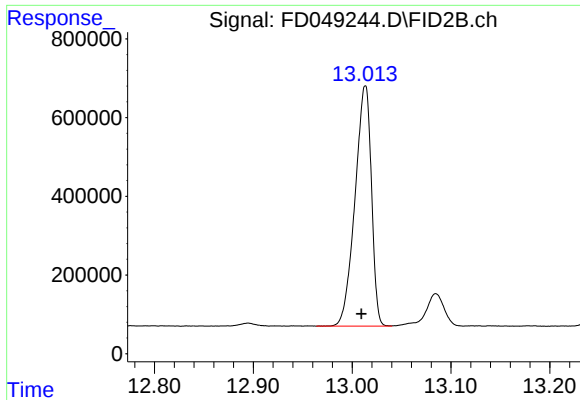
#11 ortho-Terphenyl (SURR)

R.T.: 11.663 min  
Delta R.T.: 0.001 min  
Response: 7541600  
Conc: 42.81 ug/ml



#12 Fluoranthene (C21.85)

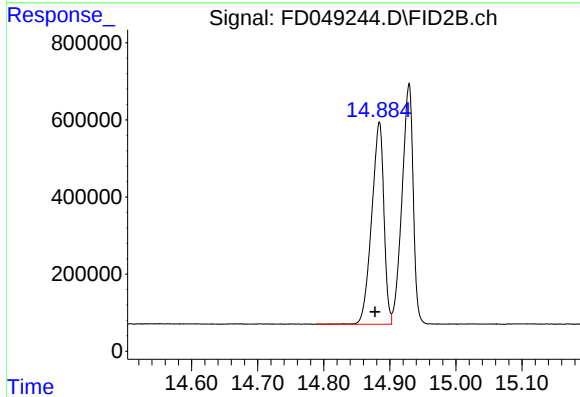
R.T.: 12.715 min  
Delta R.T.: 0.004 min  
Response: 7416740  
Conc: 43.88 ug/ml



#13 Pyrene (C20.8)

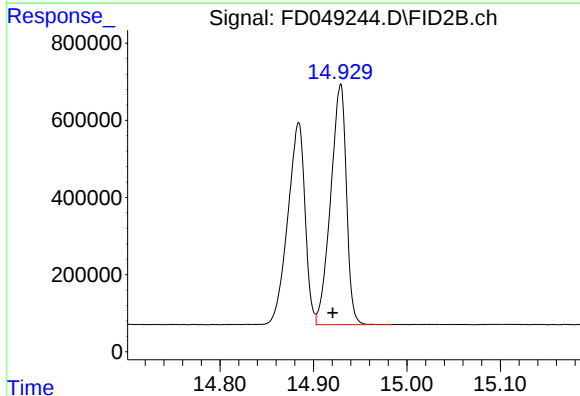
R.T.: 13.013 min  
Delta R.T.: 0.004 min  
Response: 7055671  
Conc: 42.07 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



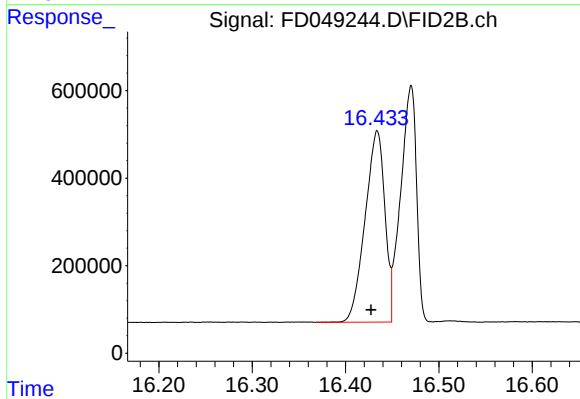
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min  
Delta R.T.: 0.006 min  
Response: 6739265  
Conc: 46.88 ug/ml



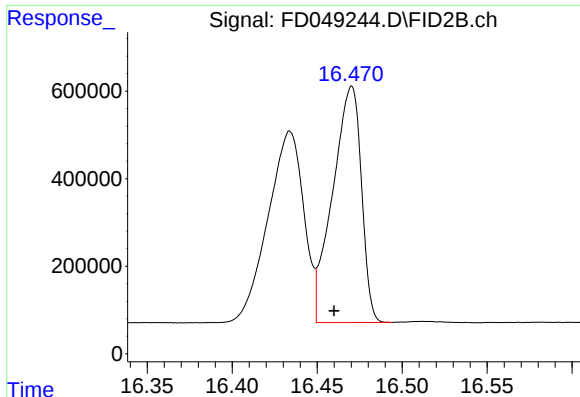
#15 Chrysene (C27.41)

R.T.: 14.929 min  
Delta R.T.: 0.009 min  
Response: 7308649  
Conc: 50.65 ug/ml



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

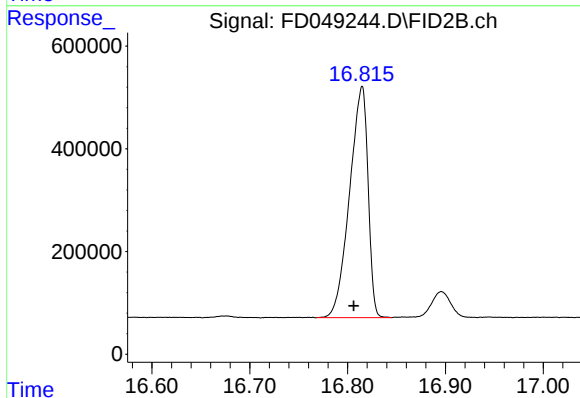
R.T.: 16.434 min  
Delta R.T.: 0.007 min  
Response: 6419791  
Conc: 46.15 ug/ml



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

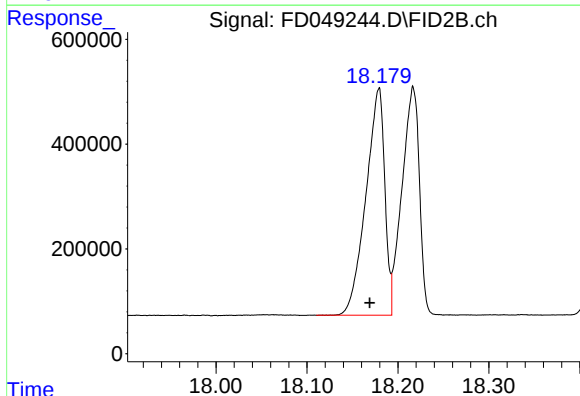
R.T.: 16.470 min  
Delta R.T.: 0.010 min  
Response: 6346359  
Conc: 46.40 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



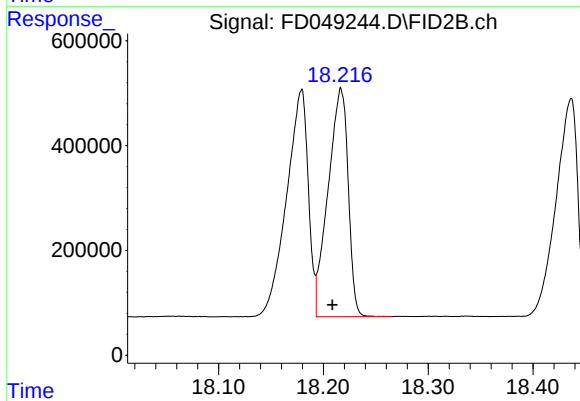
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.815 min  
Delta R.T.: 0.008 min  
Response: 5888635  
Conc: 45.28 ug/ml



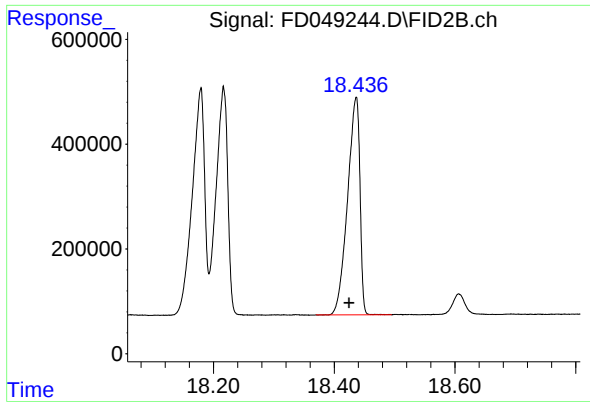
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.179 min  
Delta R.T.: 0.010 min  
Response: 6240489  
Conc: 50.62 ug/ml



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

R.T.: 18.217 min  
Delta R.T.: 0.008 min  
Response: 5791407  
Conc: 45.80 ug/ml



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

R.T.: 18.436 min  
Delta R.T.: 0.011 min  
Response: 5909365  
Conc: 45.27 ug/ml

Instrument :

FID\_D

ClientSampleId :