

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080825AR\  
 Data File : FD049602.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Aug 2025 17:35  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 11 04:49:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071525.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 15 12:32:40 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

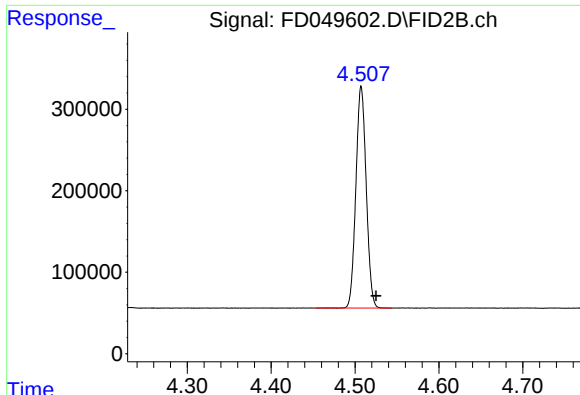
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.715  | 2492422    | 19.050 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.10%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.580  | 1803163    | 19.459 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.92%       |
| 11) S ortho-Terphenyl (SURR)       | 11.626 | 3091867    | 18.857 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.71%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.507  | 2324100    | 17.990 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.051  | 2653313    | 18.129 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.105  | 2713810    | 17.870 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.383  | 2952333    | 18.599 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.679  | 2904802    | 18.347 ug/ml |
| 8) T Flouorene (C16.55)            | 9.461  | 3061002    | 19.162 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.860 | 3104904    | 18.955 ug/ml |
| 10) T Anthracene (C19.43)          | 10.933 | 2319484    | 14.561 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.673 | 2992945    | 18.413 ug/ml |
| 13) T Pyrene (C20.8)               | 12.970 | 3090487    | 19.043 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.842 | 2754615    | 18.809 ug/ml |
| 15) T Chrysene (C27.41)            | 14.885 | 2812379    | 18.897 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.392 | 2671423    | 18.854 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.426 | 2649636    | 19.820 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.771 | 2438494    | 17.711 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.135 | 2083717    | 16.637 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.176 | 2466123    | 18.719 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.391 | 2445908    | 18.481 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

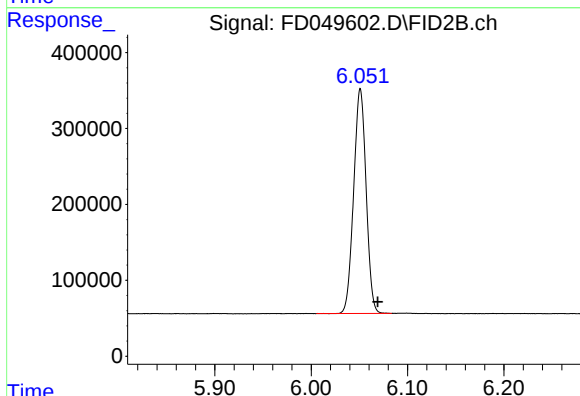




#1 1,2,3-Trimethylbenzene (C10.1)

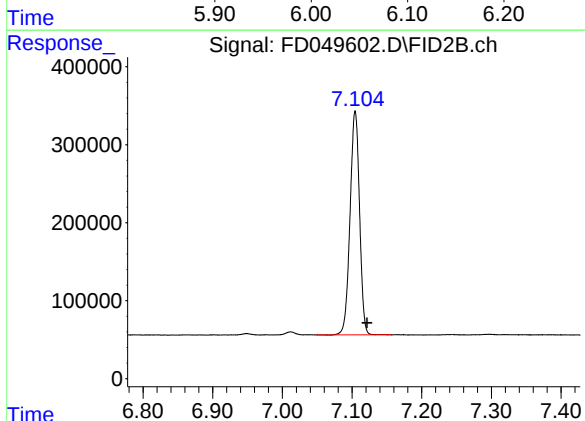
R.T.: 4.507 min  
Delta R.T.: -0.018 min  
Response: 2324100  
Conc: 17.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



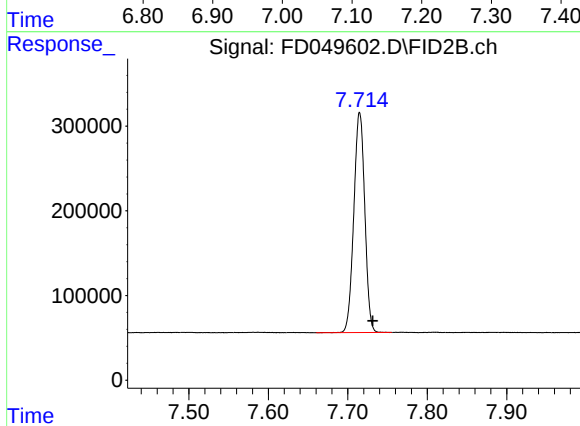
#2 Naphthalene (C11.7)

R.T.: 6.051 min  
Delta R.T.: -0.018 min  
Response: 2653313  
Conc: 18.13 ug/ml



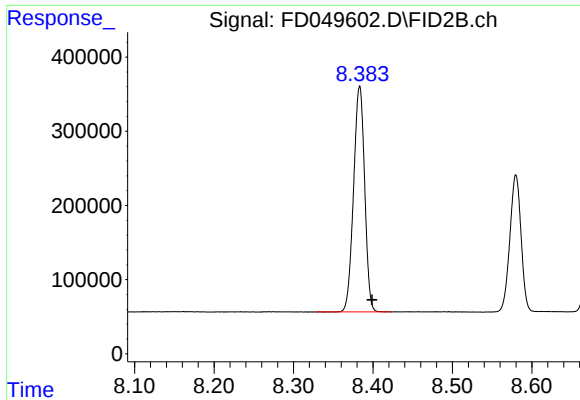
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min  
Delta R.T.: -0.017 min  
Response: 2713810  
Conc: 17.87 ug/ml



#4 2-Bromonaphthalene (SURR)

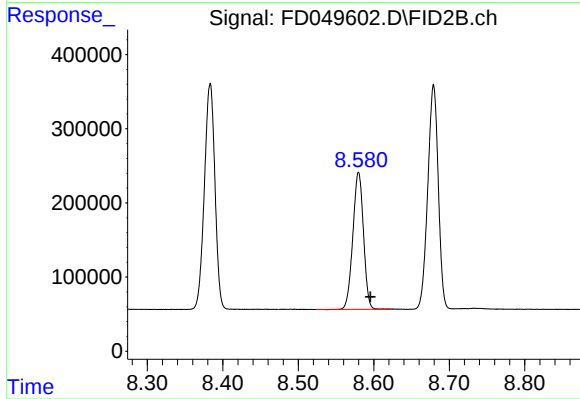
R.T.: 7.715 min  
Delta R.T.: -0.016 min  
Response: 2492422  
Conc: 19.05 ug/ml



#5 Acenaphthylene (C15.06)

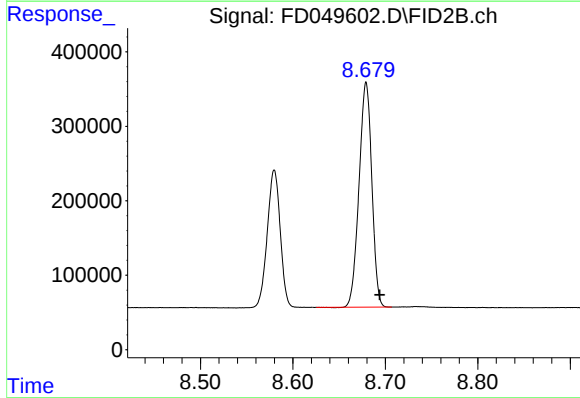
R.T.: 8.383 min  
Delta R.T.: -0.016 min  
Response: 2952333  
Conc: 18.60 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



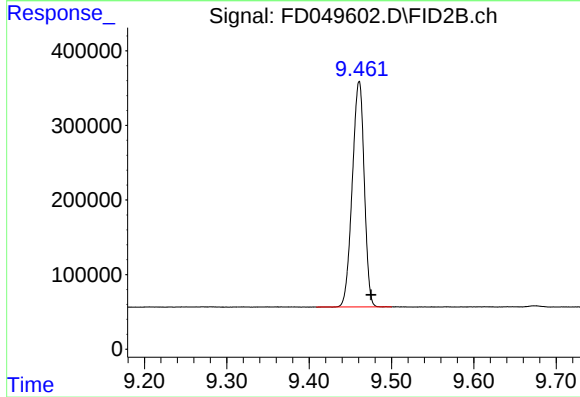
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.580 min  
Delta R.T.: -0.016 min  
Response: 1803163  
Conc: 19.46 ug/ml



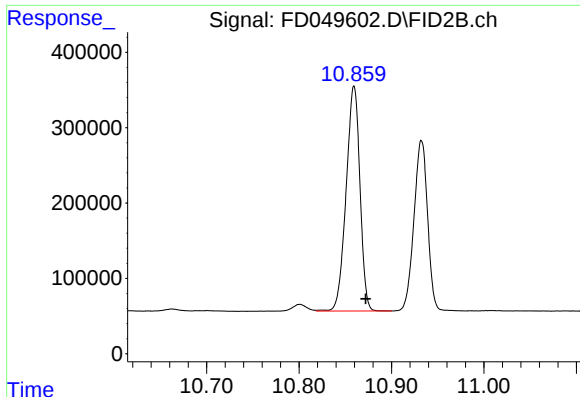
#7 Acenaphthene (C15.5)

R.T.: 8.679 min  
Delta R.T.: -0.015 min  
Response: 2904802  
Conc: 18.35 ug/ml



#8 Fluorene (C16.55)

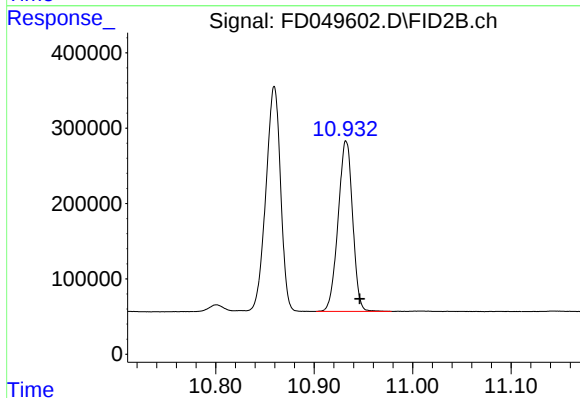
R.T.: 9.461 min  
Delta R.T.: -0.014 min  
Response: 3061002  
Conc: 19.16 ug/ml



#9 Phenanthrene (C19.36)

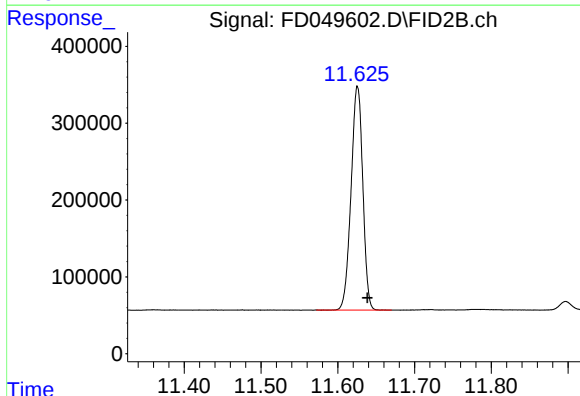
R.T.: 10.860 min  
Delta R.T.: -0.013 min  
Response: 3104904  
Conc: 18.95 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



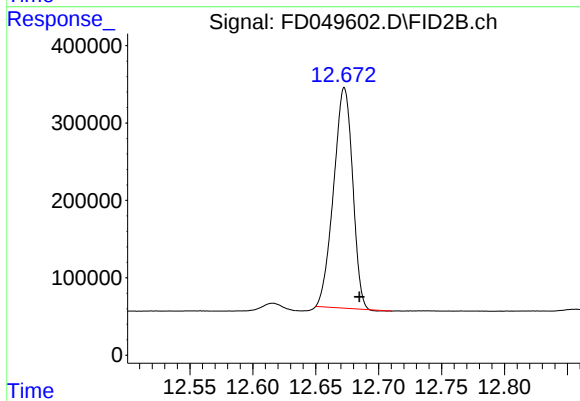
#10 Anthracene (C19.43)

R.T.: 10.933 min  
Delta R.T.: -0.014 min  
Response: 2319484  
Conc: 14.56 ug/ml



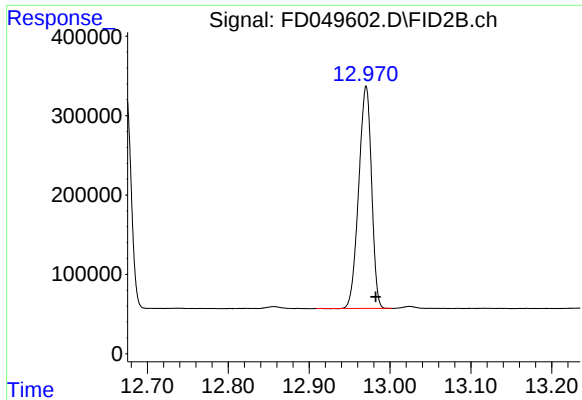
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min  
Delta R.T.: -0.013 min  
Response: 3091867  
Conc: 18.86 ug/ml



#12 Fluoranthene (C21.85)

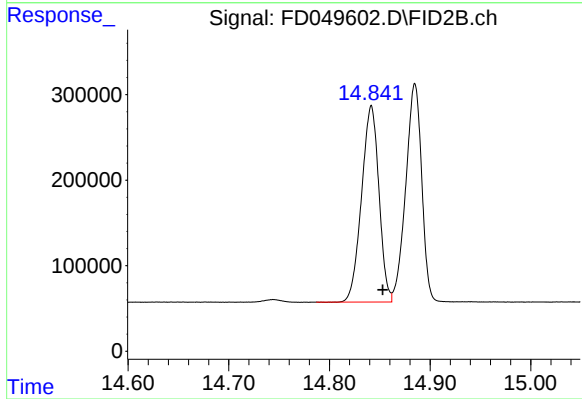
R.T.: 12.673 min  
Delta R.T.: -0.012 min  
Response: 2992945  
Conc: 18.41 ug/ml



#13 Pyrene (C20.8)

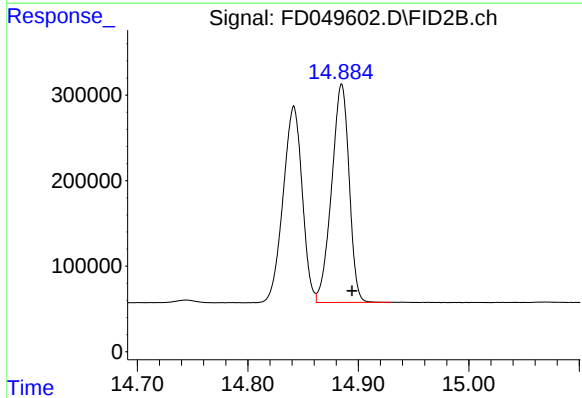
R.T.: 12.970 min  
Delta R.T.: -0.012 min  
Response: 3090487  
Conc: 19.04 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



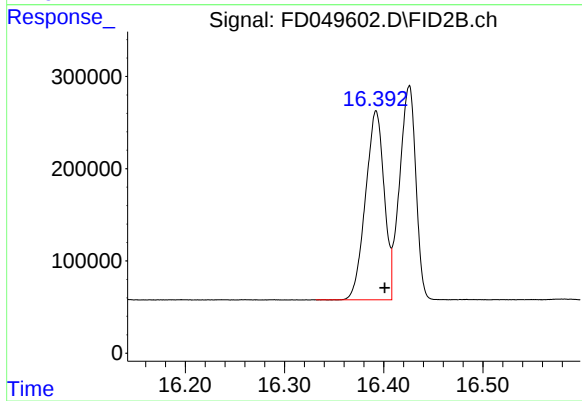
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.842 min  
Delta R.T.: -0.011 min  
Response: 2754615  
Conc: 18.81 ug/ml



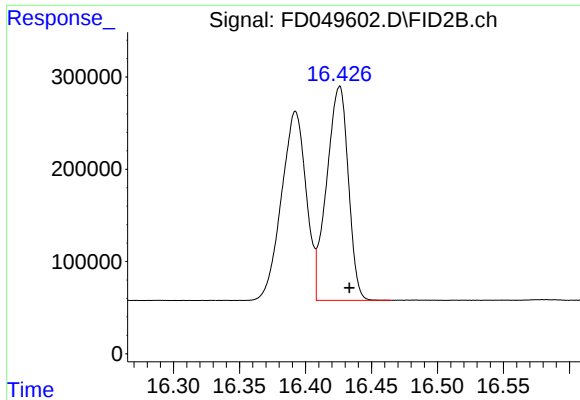
#15 Chrysene (C27.41)

R.T.: 14.885 min  
Delta R.T.: -0.009 min  
Response: 2812379  
Conc: 18.90 ug/ml



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

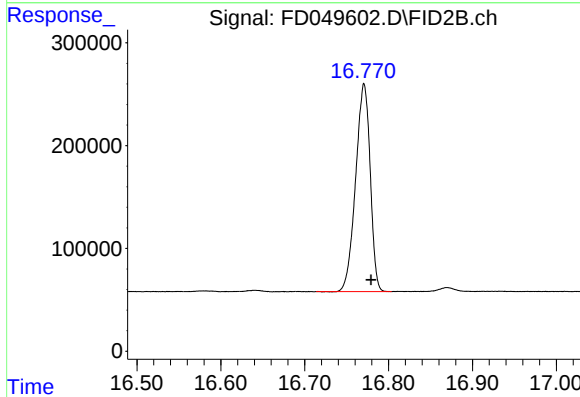
R.T.: 16.392 min  
Delta R.T.: -0.009 min  
Response: 2671423  
Conc: 18.85 ug/ml



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

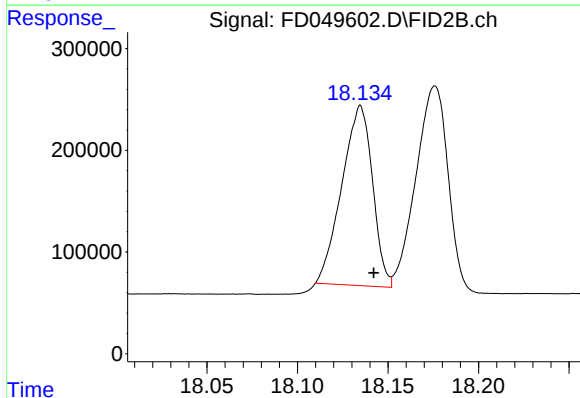
R.T.: 16.426 min  
Delta R.T.: -0.007 min  
Response: 2649636  
Conc: 19.82 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



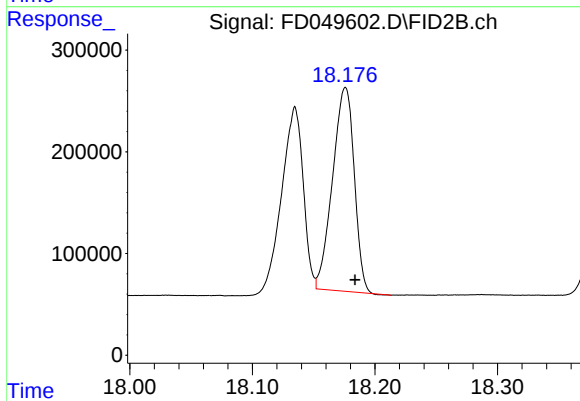
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.771 min  
Delta R.T.: -0.009 min  
Response: 2438494  
Conc: 17.71 ug/ml



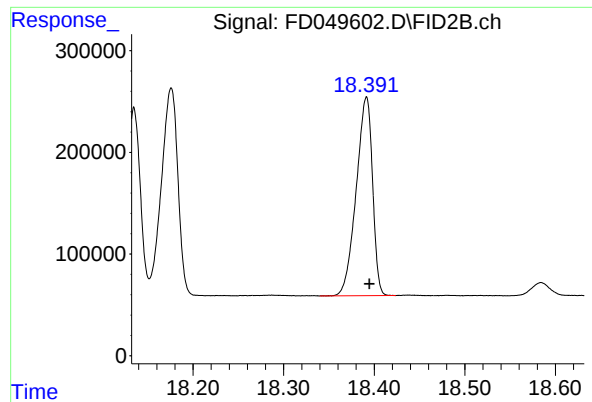
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min  
Delta R.T.: -0.007 min  
Response: 2083717  
Conc: 16.64 ug/ml



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

R.T.: 18.176 min  
Delta R.T.: -0.008 min  
Response: 2466123  
Conc: 18.72 ug/ml



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

R.T.: 18.391 min  
Delta R.T.: -0.003 min  
Response: 2445908  
Conc: 18.48 ug/ml

Instrument :

FID\_D

ClientSampleId :