

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062425AR\  
 Data File : FD049504.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jun 2025 07:57  
 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: Jun 24 23:51:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 15:23:20 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

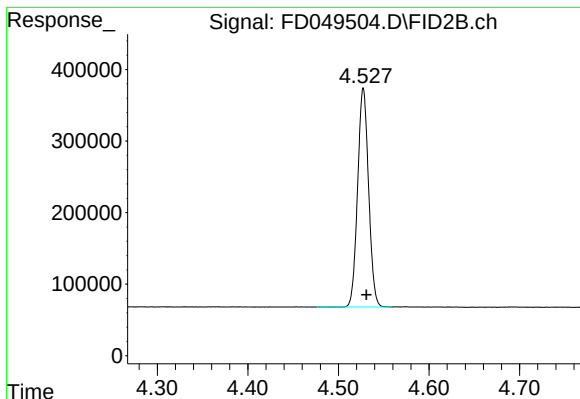
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.734  | 2641843    | 20.719 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.44%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.599  | 1894708    | 21.339 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.68%       |
| 11) S ortho-Terphenyl (SURR)       | 11.644 | 3249113    | 20.488 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.98%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.528  | 2567907    | 22.110 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.071  | 2866171    | 21.353 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.124  | 2879687    | 20.382 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.403  | 3101729    | 19.840 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.699  | 3044870    | 20.323 ug/ml |
| 8) T Flouorene (C16.55)            | 9.480  | 3190420    | 20.739 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.878 | 3275385    | 20.553 ug/ml |
| 10) T Anthracene (C19.43)          | 10.952 | 2658035    | 16.930 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.691 | 3362460    | 21.235 ug/ml |
| 13) T Pyrene (C20.8)               | 12.990 | 3386833    | 21.407 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.860 | 3154937    | 21.378 ug/ml |
| 15) T Chrysene (C27.41)            | 14.903 | 3212100    | 21.550 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.411 | 3066894    | 21.826 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.443 | 3018011    | 22.723 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.789 | 2744302    | 20.073 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.152 | 2567867    | 20.974 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.193 | 2996989    | 23.402 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.408 | 2693375    | 21.070 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

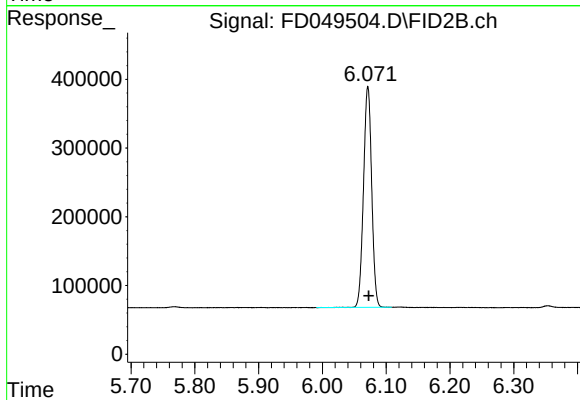




#1 1,2,3-Trimethylbenzene (C10.1)

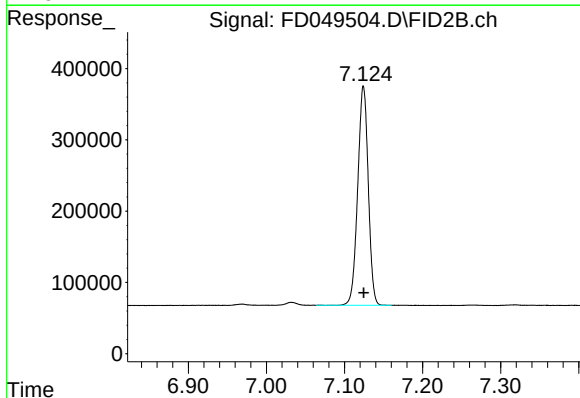
R.T.: 4.528 min  
Delta R.T.: -0.003 min  
Response: 2567907  
Conc: 22.11 ug/ml

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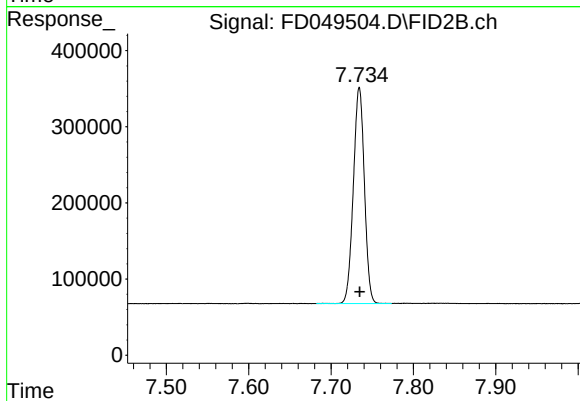
#2 Naphthalene (C11.7)

R.T.: 6.071 min  
Delta R.T.: -0.001 min  
Response: 2866171  
Conc: 21.35 ug/ml



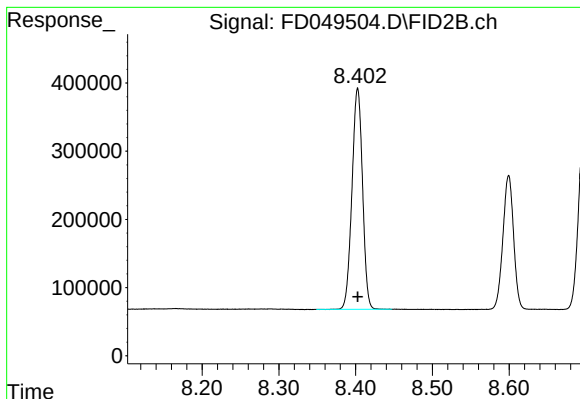
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 2879687  
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

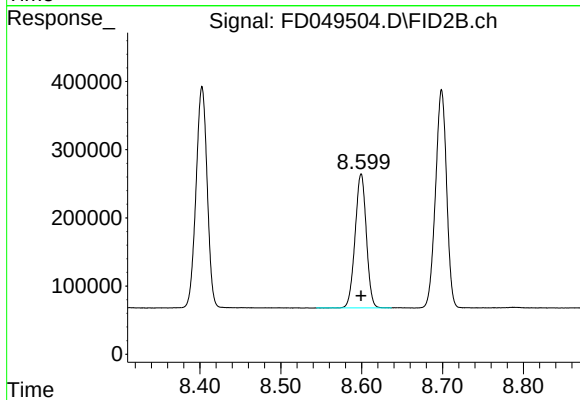
R.T.: 7.734 min  
Delta R.T.: 0.000 min  
Response: 2641843  
Conc: 20.72 ug/ml



#5 Acenaphthylene (C15.06)

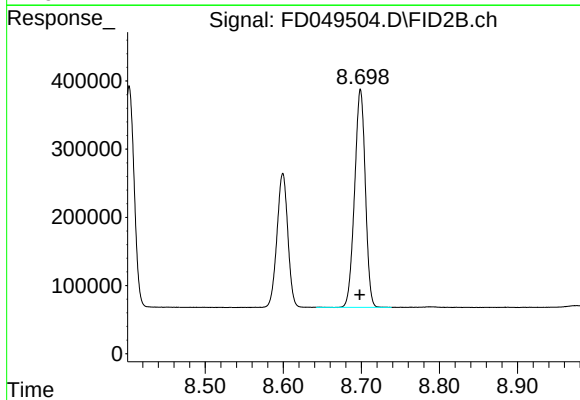
R.T.: 8.403 min  
Delta R.T.: 0.000 min  
Response: 3101729  
Conc: 19.84 ug/ml

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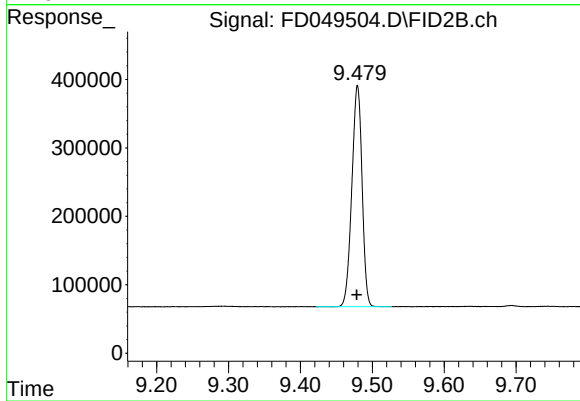
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min  
Delta R.T.: 0.000 min  
Response: 1894708  
Conc: 21.34 ug/ml



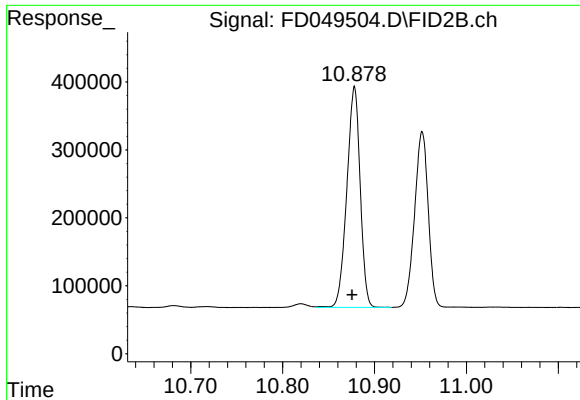
#7 Acenaphthene (C15.5)

R.T.: 8.699 min  
Delta R.T.: 0.000 min  
Response: 3044870  
Conc: 20.32 ug/ml



#8 Fluorene (C16.55)

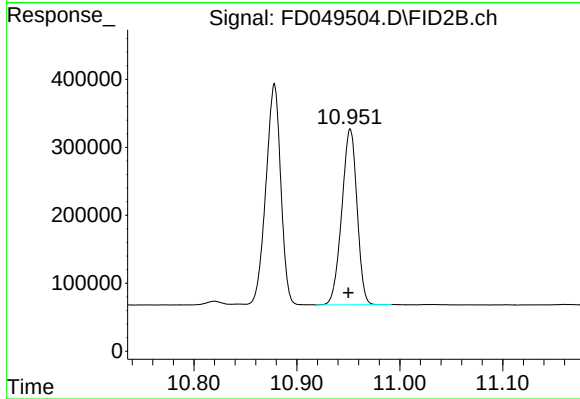
R.T.: 9.480 min  
Delta R.T.: 0.001 min  
Response: 3190420  
Conc: 20.74 ug/ml



#9 Phenanthrene (C19.36)

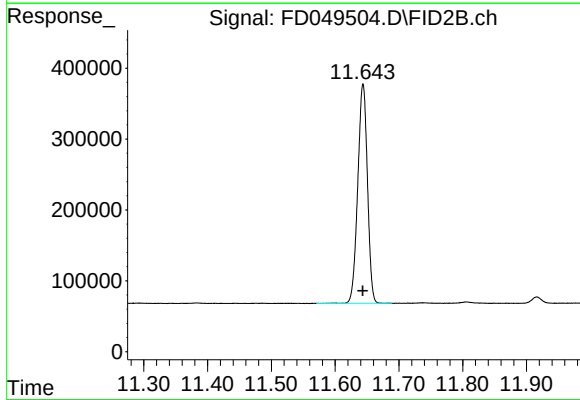
R.T.: 10.878 min  
Delta R.T.: 0.003 min  
Response: 3275385  
Conc: 20.55 ug/ml

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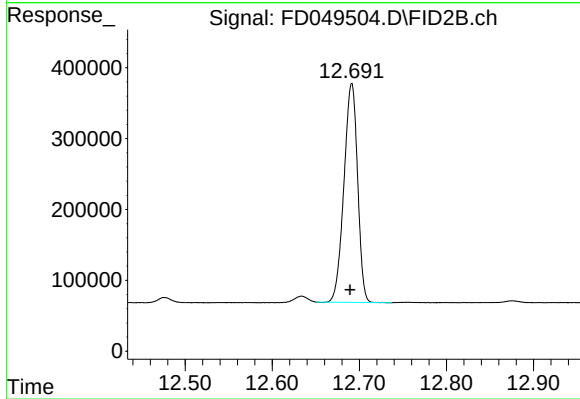
#10 Anthracene (C19.43)

R.T.: 10.952 min  
Delta R.T.: 0.002 min  
Response: 2658035  
Conc: 16.93 ug/ml



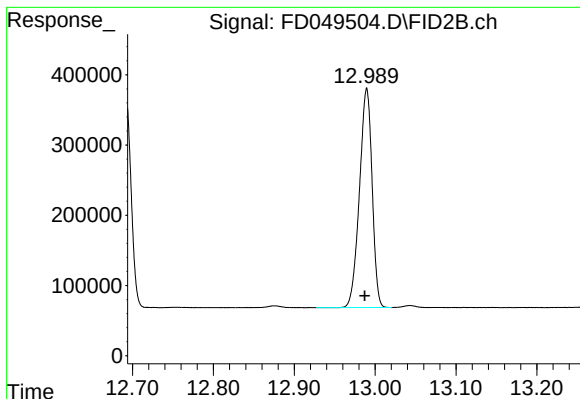
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min  
Delta R.T.: 0.000 min  
Response: 3249113  
Conc: 20.49 ug/ml



#12 Fluoranthene (C21.85)

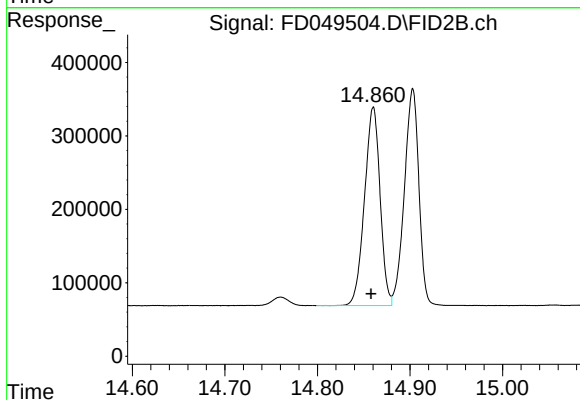
R.T.: 12.691 min  
Delta R.T.: 0.002 min  
Response: 3362460  
Conc: 21.24 ug/ml



#13 Pyrene (C20.8)

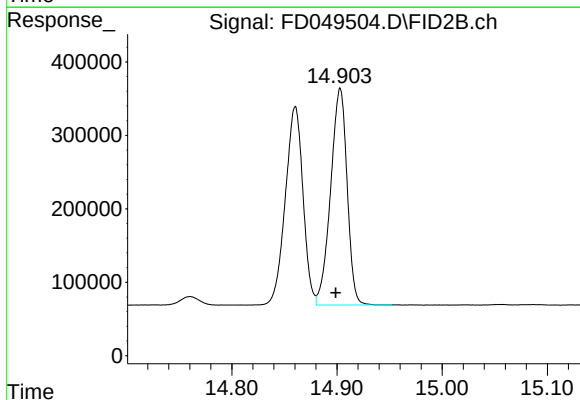
R.T.: 12.990 min  
Delta R.T.: 0.003 min  
Response: 3386833  
Conc: 21.41 ug/ml

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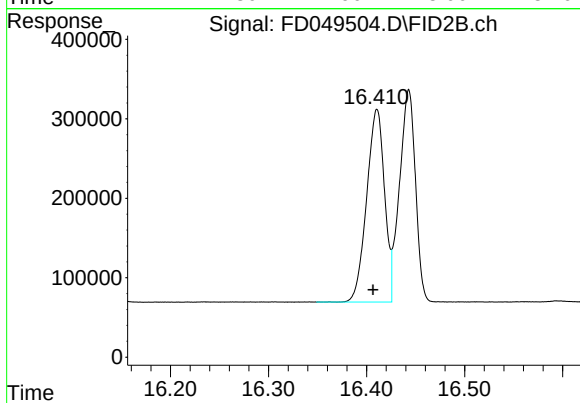
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min  
Delta R.T.: 0.002 min  
Response: 3154937  
Conc: 21.38 ug/ml



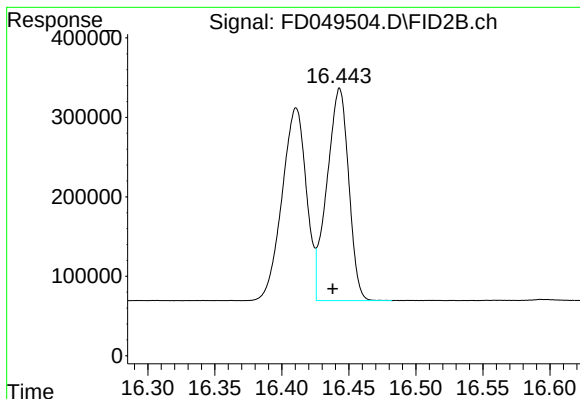
#15 Chrysene (C27.41)

R.T.: 14.903 min  
Delta R.T.: 0.004 min  
Response: 3212100  
Conc: 21.55 ug/ml



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

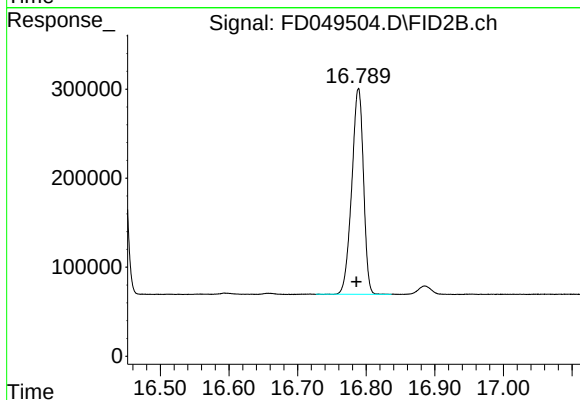
R.T.: 16.411 min  
Delta R.T.: 0.004 min  
Response: 3066894  
Conc: 21.83 ug/ml



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

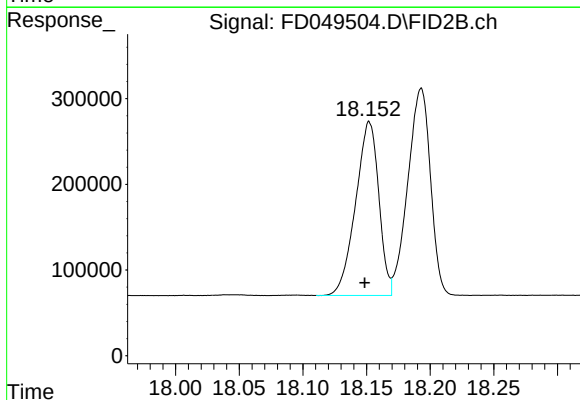
R.T.: 16.443 min  
Delta R.T.: 0.005 min  
Response: 3018011  
Conc: 22.72 ug/ml

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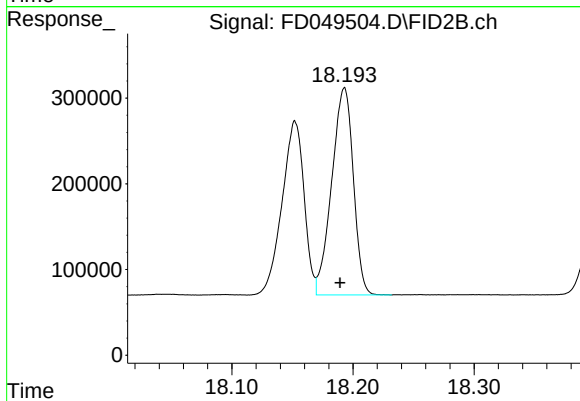
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min  
Delta R.T.: 0.003 min  
Response: 2744302  
Conc: 20.07 ug/ml



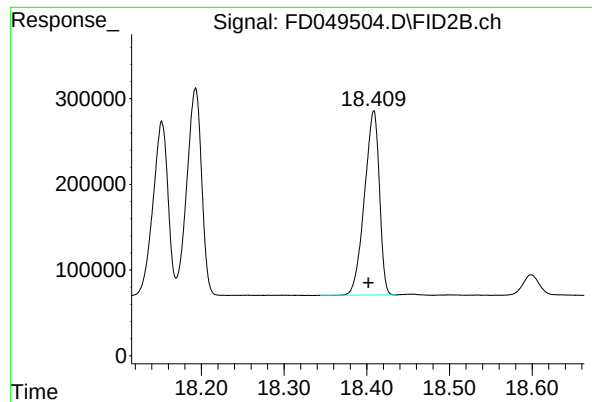
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min  
Delta R.T.: 0.004 min  
Response: 2567867  
Conc: 20.97 ug/ml



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

R.T.: 18.193 min  
Delta R.T.: 0.004 min  
Response: 2996989  
Conc: 23.40 ug/ml



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

R.T.: 18.408 min  
Delta R.T.: 0.007 min  
Response: 2693375  
Conc: 21.07 ug/ml

Instrument :

FID\_D

ClientSampleId :

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