

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090425AR\
 Data File : FD049722.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 12:19
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 05 06:22:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:18:55 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...	7.697	596288	5.289 ug/ml
Spiked Amount 50.000		Recovery =	10.58%
6) S 2-Fluorobiphenyl (SURR)	8.561	420895	5.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.38%
11) S ortho-Terphenyl (SURR)	11.607	762216	5.320 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	591988	5.500 ug/ml
2) T Naphthalene (C11.7)	6.032	667521	5.359 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	692097	5.295 ug/ml
5) T Acenaphthylene (C15.06)	8.364	742304	5.323 ug/ml
7) T Acenaphthene (C15.5)	8.659	740977	5.311 ug/ml
8) T Flouorene (C16.55)	9.441	735487	5.245 ug/ml
9) T Phenanthrene (C19.36)	10.838	722864	5.092 ug/ml
10) T Anthracene (C19.43)	10.913	692408	5.162 ug/ml
12) T Fluoranthene (C21.85)	12.652	709917	5.199 ug/ml
13) T Pyrene (C20.8)	12.949	695929	5.158 ug/ml
14) T Benzo[a]anthracene (C...	14.821	637941	5.296 ug/ml
15) T Chrysene (C27.41)	14.862	661550	5.421 ug/ml
16) T benzo[b]fluoranthene ...	16.370	653575	5.410 ug/ml
17) T Bnezo[k]fluoranthene ...	16.401	620851	5.429 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.748	644952	5.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	584175	5.272 ug/ml
20) T Dibenz[a,h]anthracene...	18.152	643201	5.468 ug/ml
21) T Benzo[g,h,i]perylene ...	18.364	635196	5.330 ug/ml

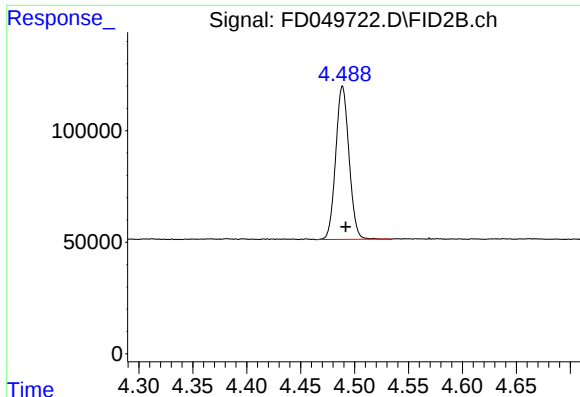
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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5 PPM AROMATIC HC STD5

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

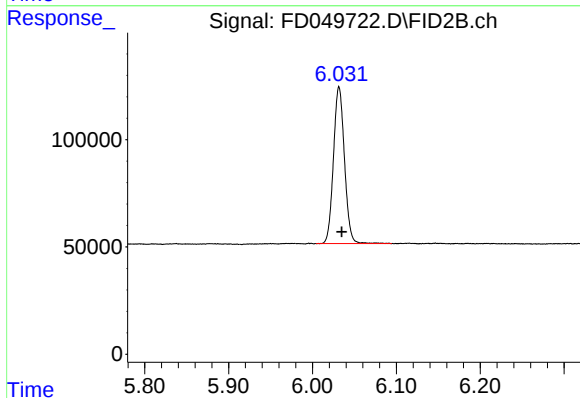




#1 1,2,3-Trimethylbenzene (C10.1)

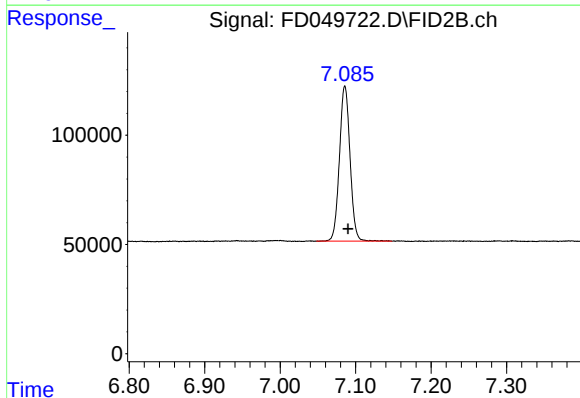
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 591988
Conc: 5.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



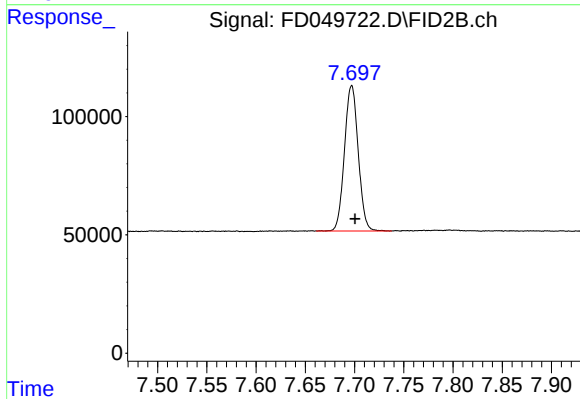
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 667521
Conc: 5.36 ug/ml



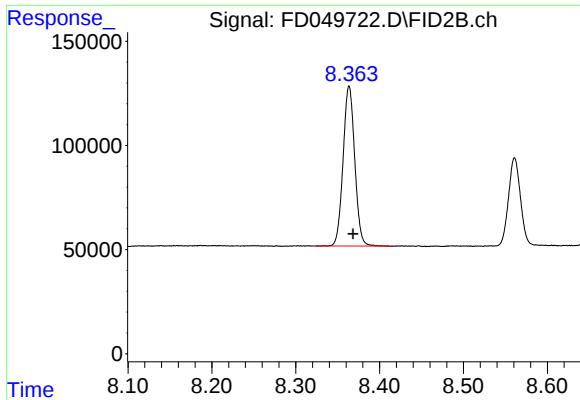
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 692097
Conc: 5.29 ug/ml



#4 2-Bromonaphthalene (SURR)

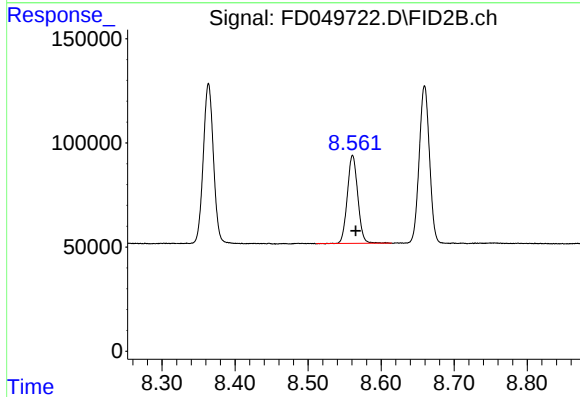
R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 596288
Conc: 5.29 ug/ml



#5 Acenaphthylene (C15.06)

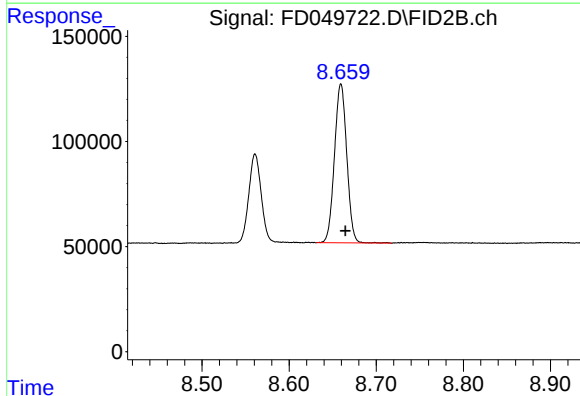
R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 742304
Conc: 5.32 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



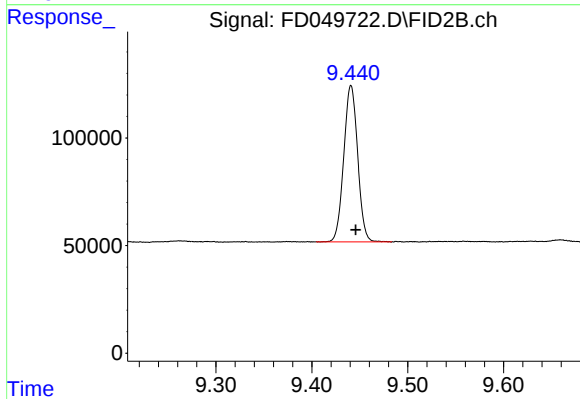
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 420895
Conc: 5.19 ug/ml



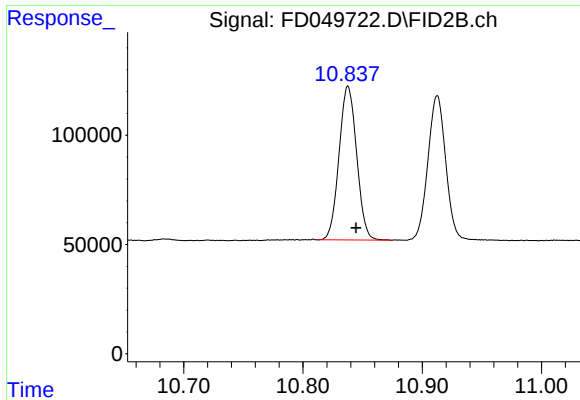
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.005 min
Response: 740977
Conc: 5.31 ug/ml



#8 Fluorene (C16.55)

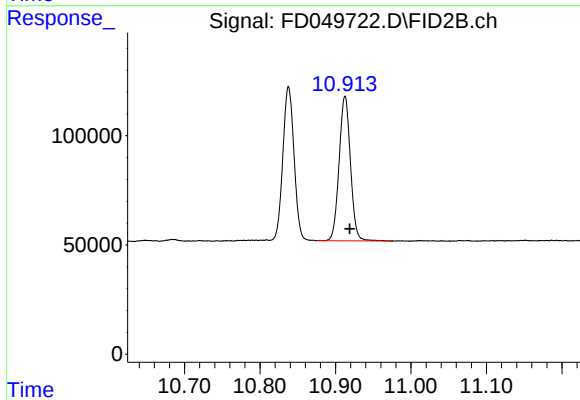
R.T.: 9.441 min
Delta R.T.: -0.005 min
Response: 735487
Conc: 5.24 ug/ml



#9 Phenanthrene (C19.36)

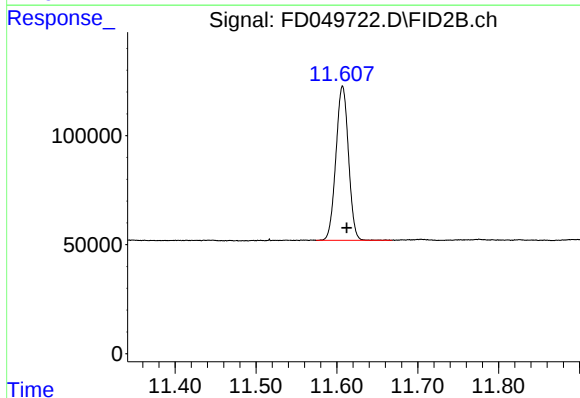
R.T.: 10.838 min
Delta R.T.: -0.007 min
Response: 722864
Conc: 5.09 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



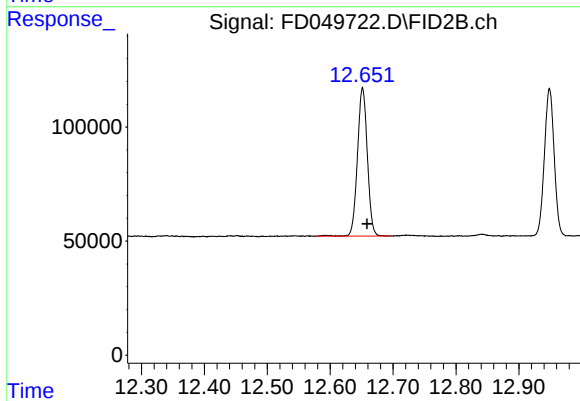
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.007 min
Response: 692408
Conc: 5.16 ug/ml



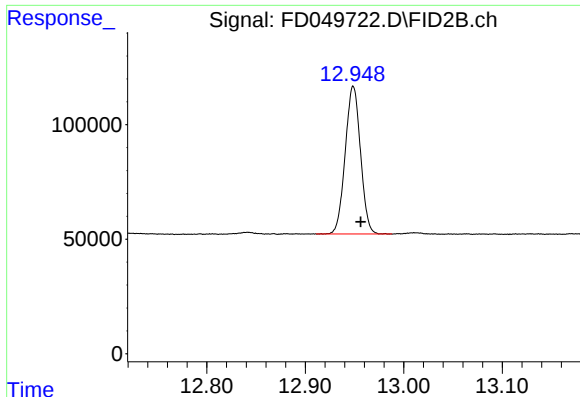
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.005 min
Response: 762216
Conc: 5.32 ug/ml



#12 Fluoranthene (C21.85)

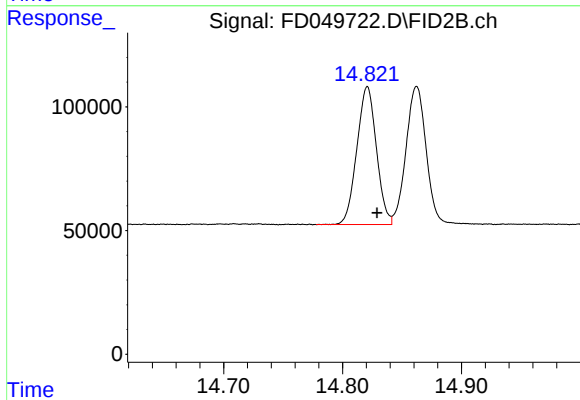
R.T.: 12.652 min
Delta R.T.: -0.007 min
Response: 709917
Conc: 5.20 ug/ml



#13 Pyrene (C20.8)

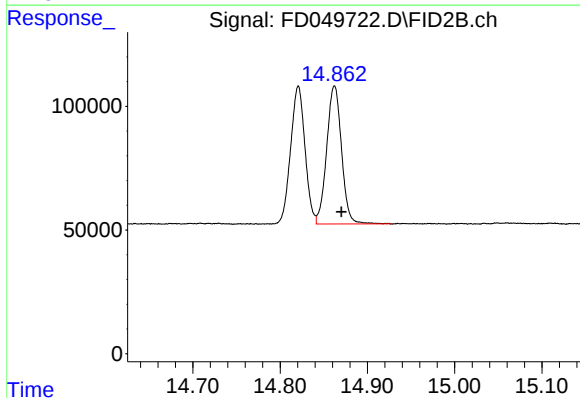
R.T.: 12.949 min
Delta R.T.: -0.008 min
Response: 695929
Conc: 5.16 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



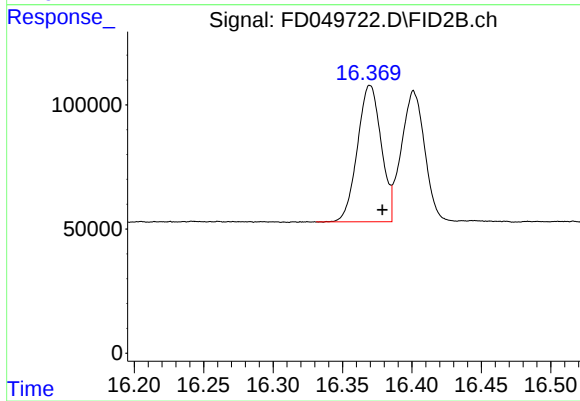
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: -0.008 min
Response: 637941
Conc: 5.30 ug/ml



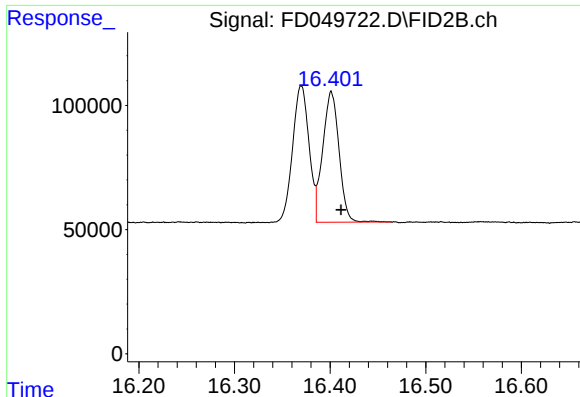
#15 Chrysene (C27.41)

R.T.: 14.862 min
Delta R.T.: -0.008 min
Response: 661550
Conc: 5.42 ug/ml



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

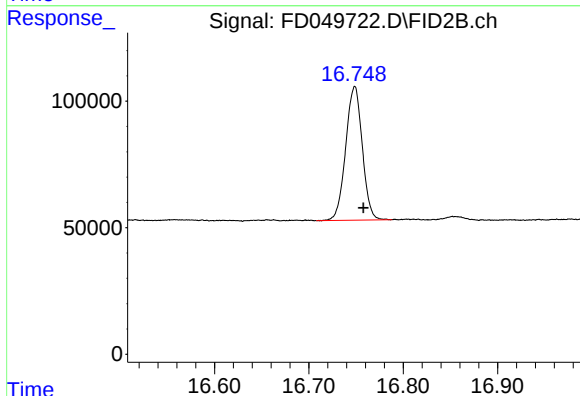
R.T.: 16.370 min
Delta R.T.: -0.009 min
Response: 653575
Conc: 5.41 ug/ml



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

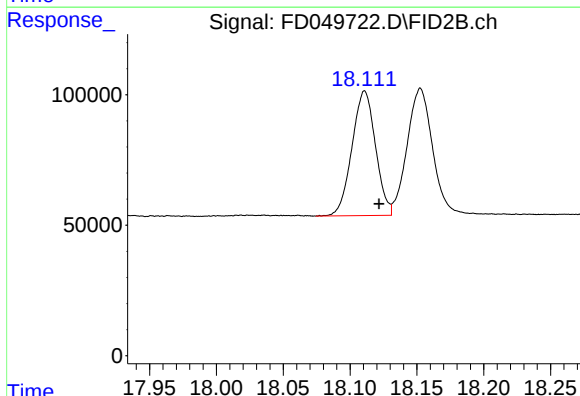
R.T.: 16.401 min
Delta R.T.: -0.010 min
Response: 620851
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



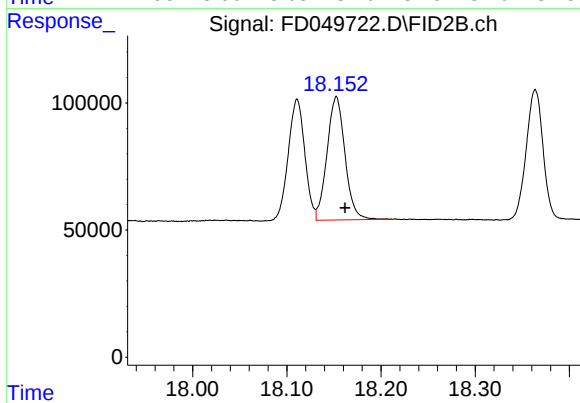
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.748 min
Delta R.T.: -0.010 min
Response: 644952
Conc: 5.41 ug/ml



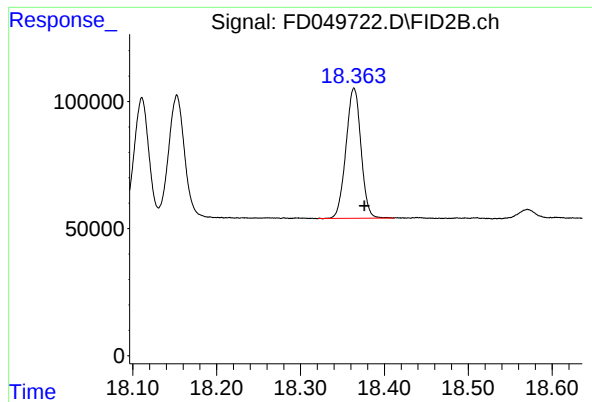
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.011 min
Response: 584175
Conc: 5.27 ug/ml



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

R.T.: 18.152 min
Delta R.T.: -0.009 min
Response: 643201
Conc: 5.47 ug/ml



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

R.T.: 18.364 min
Delta R.T.: -0.013 min
Response: 635196
Conc: 5.33 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5