

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049768.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 11:22
 Operator : YP/AJ
 Sample : Q3178-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 29 00:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

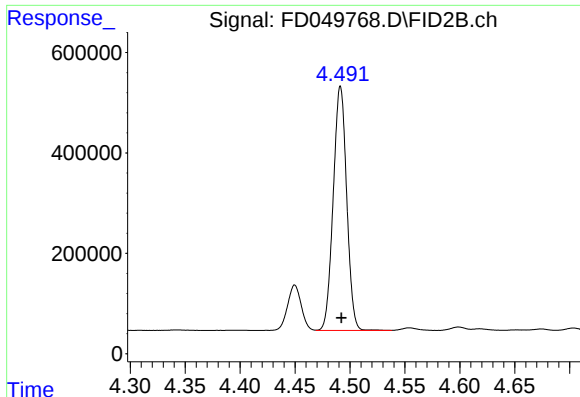
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.699	4703481	41.822 ug/ml
Spiked Amount 50.000		Recovery =	83.64%
6) S 2-Fluorobiphenyl (SURR)	8.564	2653811	33.061 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.12%
11) S ortho-Terphenyl (SURR)	11.612	4723031	33.383 ug/ml
Spiked Amount 50.000		Recovery =	66.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	4146400	38.481 ug/ml
2) T Naphthalene (C11.7)	6.033	5486104	44.115 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	5521013	42.361 ug/ml
5) T Acenaphthylene (C15.06)	8.369	7244944	52.257 ug/ml
7) T Acenaphthene (C15.5)	8.666	6849209	49.409 ug/ml
8) T Fluorene (C16.55)	9.448	7823785	56.402 ug/ml
9) T Phenanthrene (C19.36)	10.848	8126128	58.334 ug/ml
10) T Anthracene (C19.43)	10.924	7876603	59.653 ug/ml
12) T Fluoranthene (C21.85)	12.665	8157150	60.571 ug/ml
13) T Pyrene (C20.8)	12.963	8137430	61.173 ug/ml
14) T Benzo[a]anthracene (C...	14.836	7515317	62.845 ug/ml
15) T Chrysene (C27.41)	14.883	8567196	70.423 ug/ml
16) T benzo[b]fluoranthene ...	16.390	7167801	59.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.426	6939555	61.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	6852663	58.397 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.138	7599233	69.852 ug/ml
20) T Dibenz[a,h]anthracene...	18.177	6630988	58.192 ug/ml
21) T Benzo[g,h,i]perylene ...	18.395	6408733	55.078 ug/ml

(f)=RT Delta > 1/2 Window

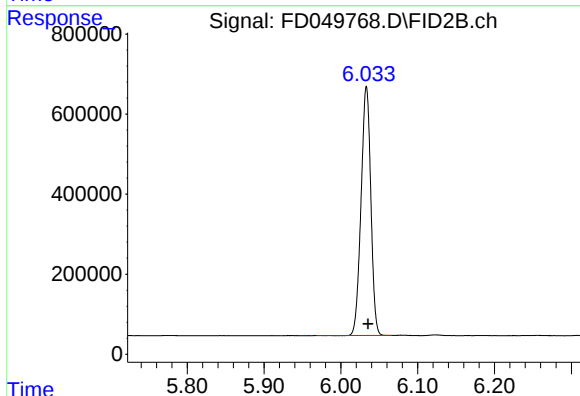
(m)=manual int.



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

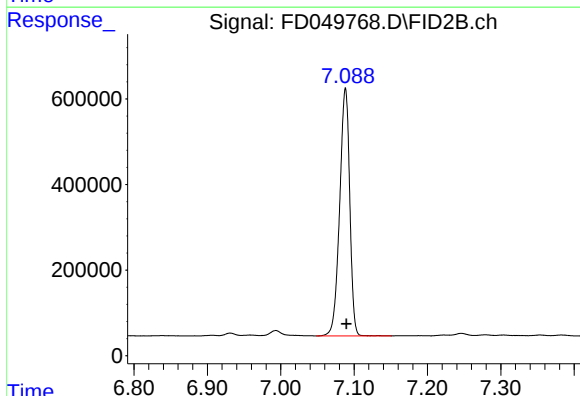
R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 4146400
Conc: 38.48 ug/ml

Instrument :
FID_D
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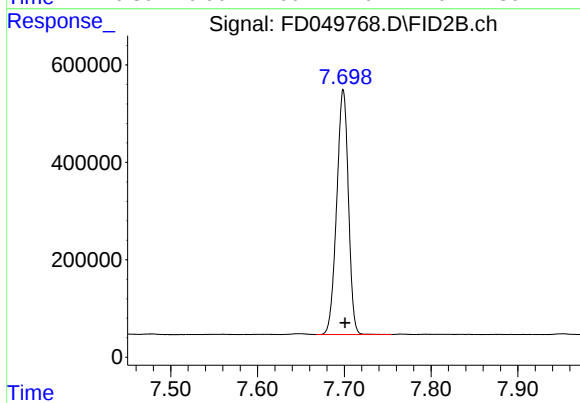
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 5486104
Conc: 44.11 ug/ml



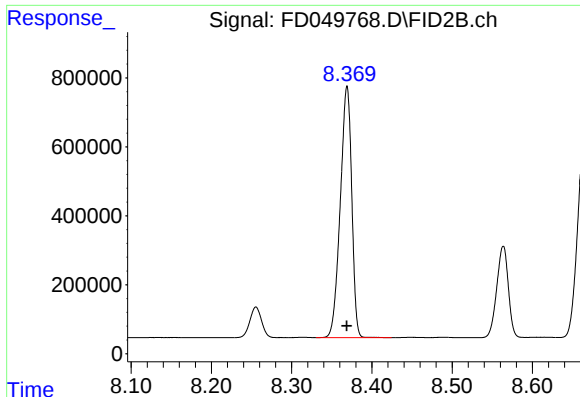
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 5521013
Conc: 42.36 ug/ml



#4 2-Bromonaphthalene (SURR)

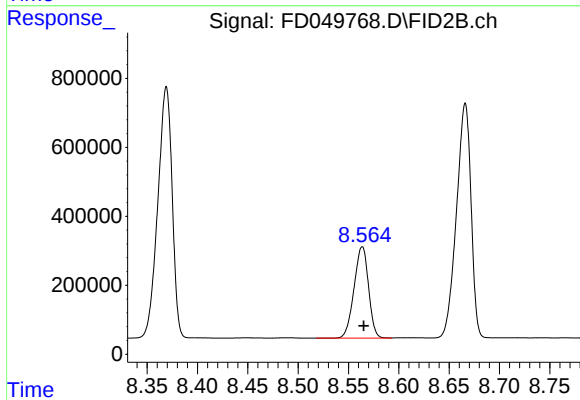
R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 4703481
Conc: 41.82 ug/ml



#5 Acenaphthylene (C15.06)

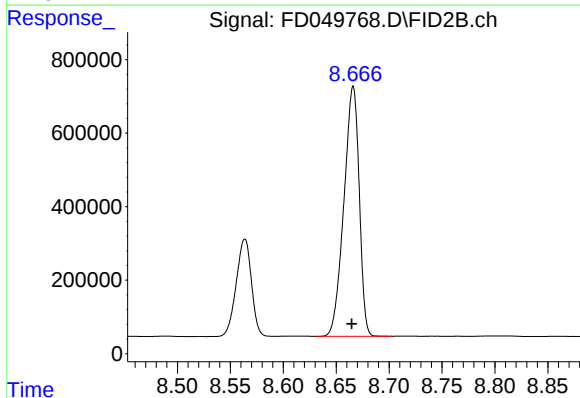
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 7244944
Conc: 52.26 ug/ml

Instrument :
FID_D
ClientSampleId :



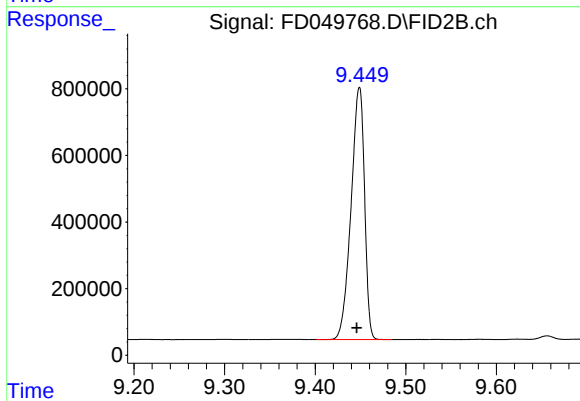
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 2653811
Conc: 33.06 ug/ml



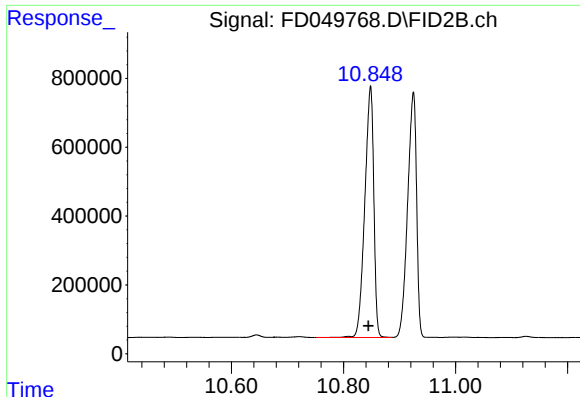
#7 Acenaphthene (C15.5)

R.T.: 8.666 min
Delta R.T.: 0.001 min
Response: 6849209
Conc: 49.41 ug/ml



#8 Fluorene (C16.55)

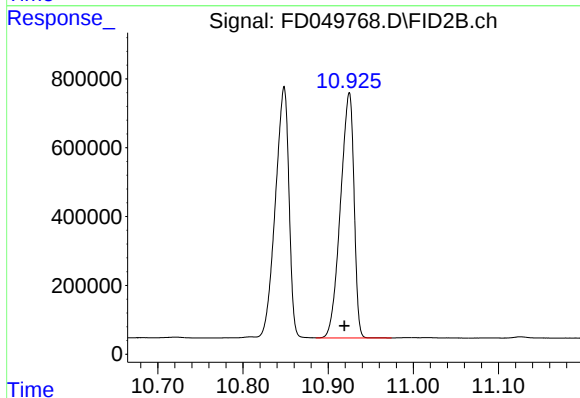
R.T.: 9.448 min
Delta R.T.: 0.003 min
Response: 7823785
Conc: 56.40 ug/ml



#9 Phenanthrene (C19.36)

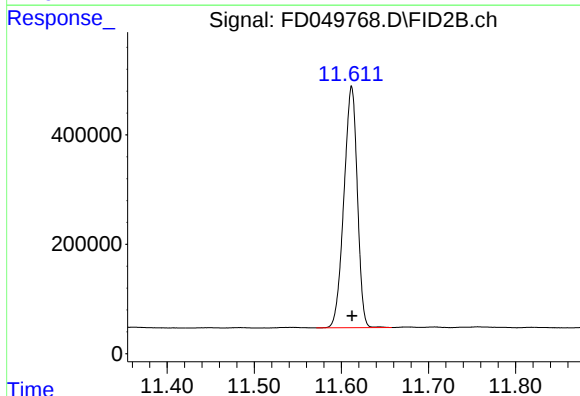
R.T.: 10.848 min
Delta R.T.: 0.003 min
Response: 8126128
Conc: 58.33 ug/ml

Instrument :
FID_D
ClientSampleId :



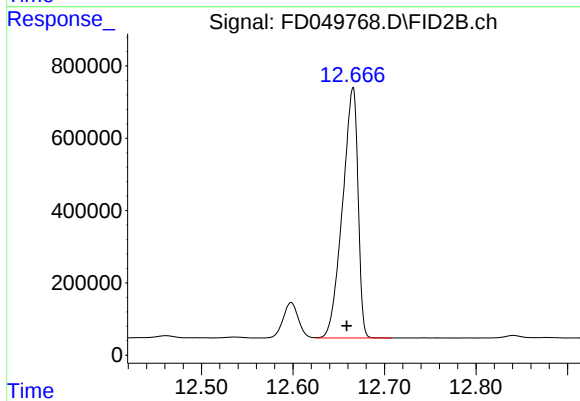
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: 0.005 min
Response: 7876603
Conc: 59.65 ug/ml



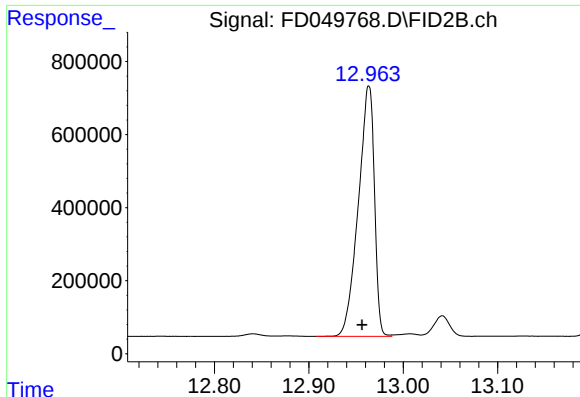
#11 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 4723031
Conc: 33.38 ug/ml



#12 Fluoranthene (C21.85)

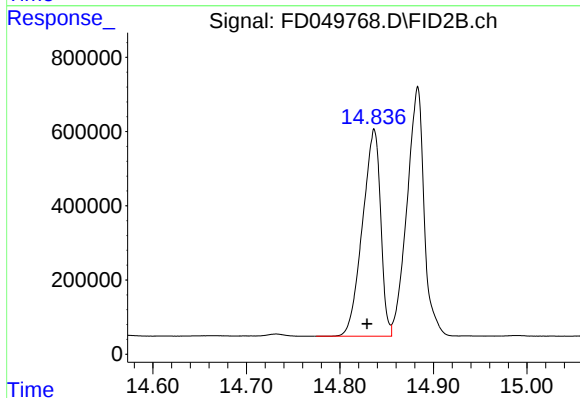
R.T.: 12.665 min
Delta R.T.: 0.006 min
Response: 8157150
Conc: 60.57 ug/ml



#13 Pyrene (C20.8)

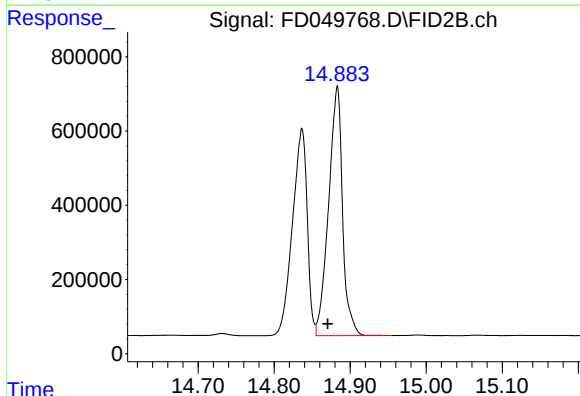
R.T.: 12.963 min
Delta R.T.: 0.007 min
Response: 8137430
Conc: 61.17 ug/ml

Instrument :
FID_D
ClientSampleId :



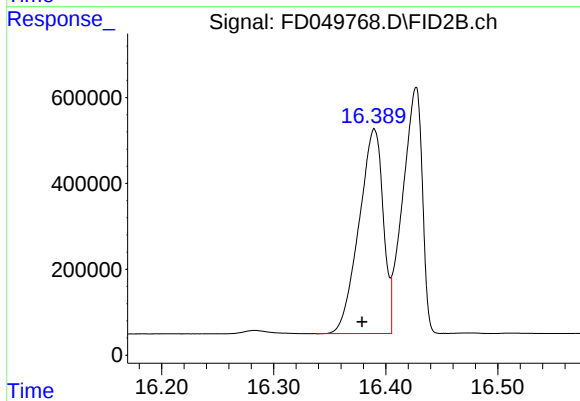
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.836 min
Delta R.T.: 0.007 min
Response: 7515317
Conc: 62.84 ug/ml



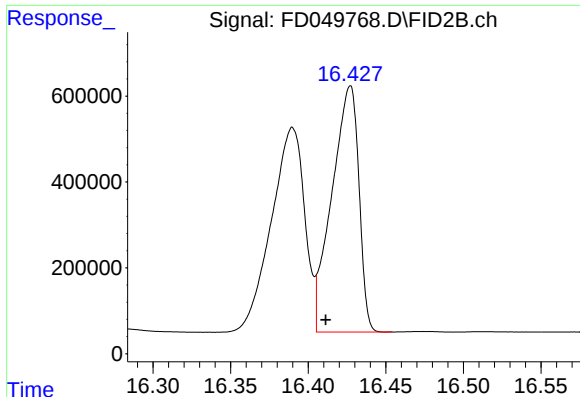
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.012 min
Response: 8567196
Conc: 70.42 ug/ml



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

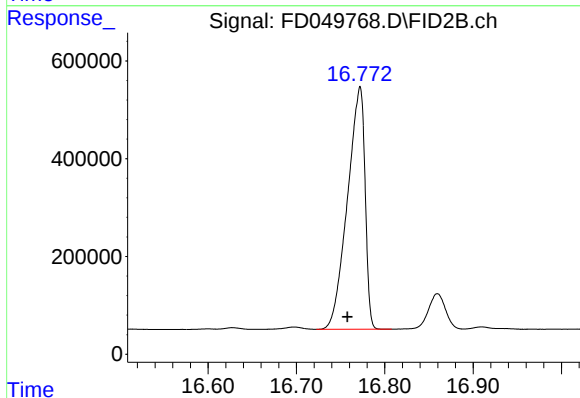
R.T.: 16.390 min
Delta R.T.: 0.011 min
Response: 7167801
Conc: 59.80 ug/ml



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

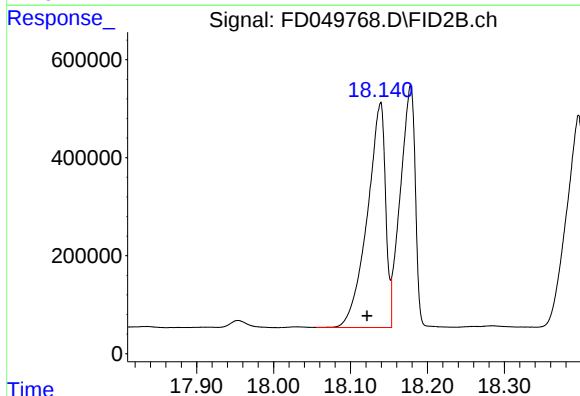
R.T.: 16.426 min
Delta R.T.: 0.015 min
Response: 6939555
Conc: 61.59 ug/ml

Instrument :
FID_D
ClientSampleId :



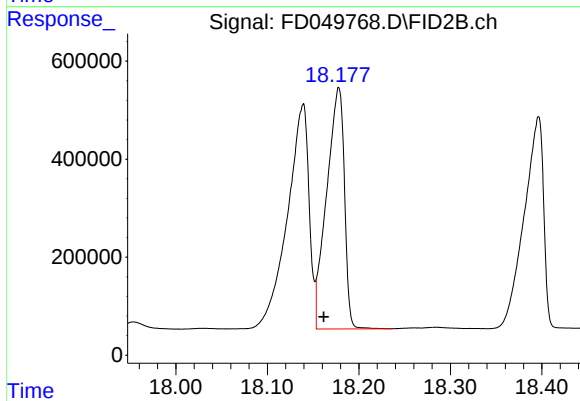
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.771 min
Delta R.T.: 0.013 min
Response: 6852663
Conc: 58.40 ug/ml



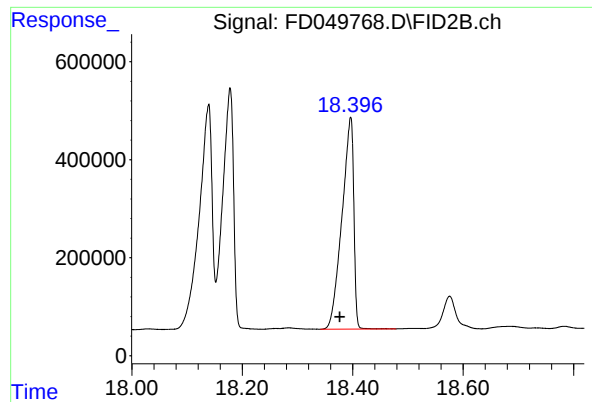
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.138 min
Delta R.T.: 0.016 min
Response: 7599233
Conc: 69.85 ug/ml



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

R.T.: 18.177 min
Delta R.T.: 0.016 min
Response: 6630988
Conc: 58.19 ug/ml



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

R.T.: 18.395 min
Delta R.T.: 0.019 min
Response: 6408733
Conc: 55.08 ug/ml

Instrument :

FID_D

ClientSampleId :