

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092525AR\
 Data File : FD049751.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 10:40
 Operator : YP/AJ
 Sample : PB169821BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 29 08:00:26 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

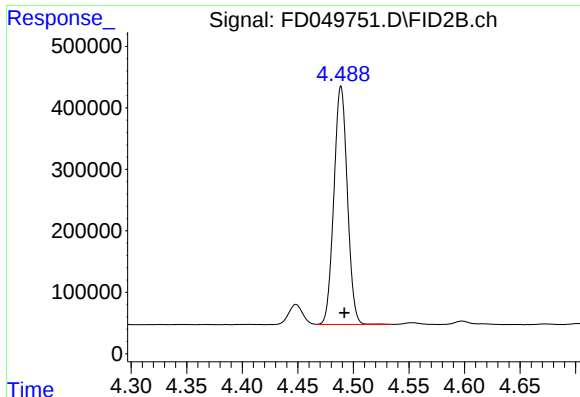
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.697	4070954	36.198 ug/ml
Spiked Amount 50.000		Recovery =	72.40%
6) S 2-Fluorobiphenyl (SURR)	8.563	2889050	35.991 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.98%
11) S ortho-Terphenyl (SURR)	11.611	5834318	41.237 ug/ml
Spiked Amount 50.000		Recovery =	82.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3269679	30.344 ug/ml
2) T Naphthalene (C11.7)	6.032	4033969	32.438 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4031722	30.934 ug/ml
5) T Acenaphthylene (C15.06)	8.366	4895199	35.308 ug/ml
7) T Acenaphthene (C15.5)	8.663	4966352	35.826 ug/ml
8) T Fluorene (C16.55)	9.445	5368824	38.704 ug/ml
9) T Phenanthrene (C19.36)	10.844	5715086	41.026 ug/ml
10) T Anthracene (C19.43)	10.919	5443000	41.222 ug/ml
12) T Fluoranthene (C21.85)	12.659	5931548	44.045 ug/ml
13) T Pyrene (C20.8)	12.958	5965372	44.844 ug/ml
14) T Benzo[a]anthracene (C...	14.830	5497495	45.971 ug/ml
15) T Chrysene (C27.41)	14.874	6017745	49.466 ug/ml
16) T benzo[b]fluoranthene ...	16.382	5333975	44.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.417	5237831	46.486 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.762	5107673	43.526 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.129	5264025	48.386 ug/ml
20) T Dibenz[a,h]anthracene...	18.168	4865183	42.696 ug/ml
21) T Benzo[g,h,i]perylene ...	18.385	4669697	40.132 ug/ml

(f)=RT Delta > 1/2 Window

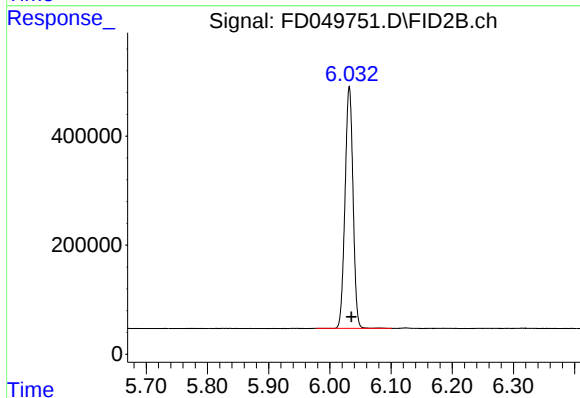
(m)=manual int.



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

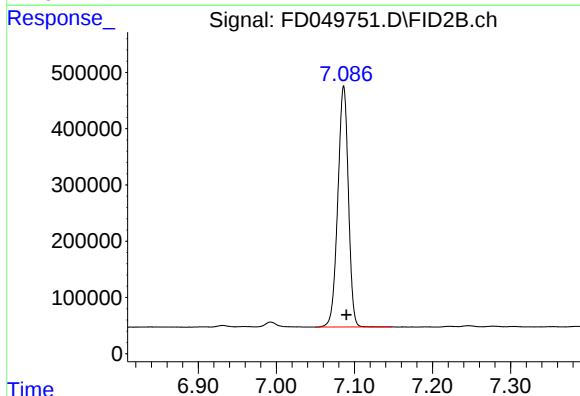
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 3269679
Conc: 30.34 ug/ml

Instrument :
FID_D
ClientSampleId :



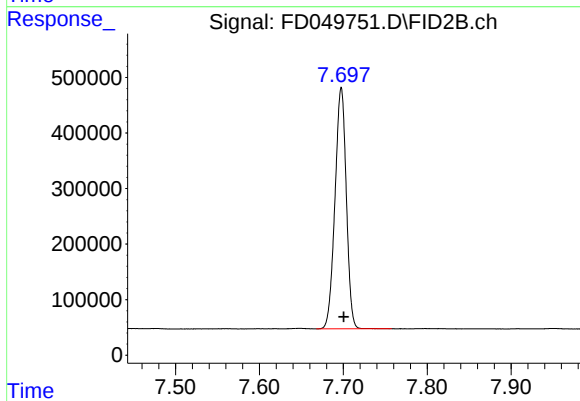
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 4033969
Conc: 32.44 ug/ml



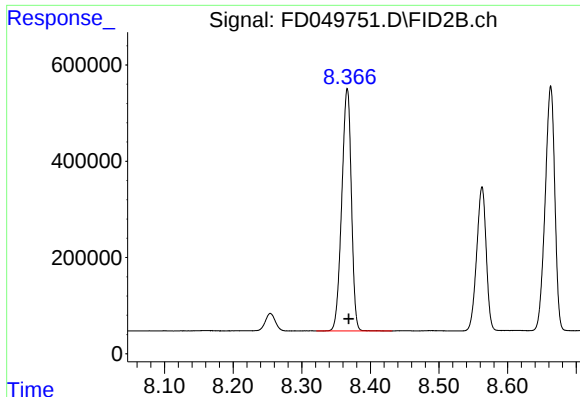
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 4031722
Conc: 30.93 ug/ml



#4 2-Bromonaphthalene (SURR)

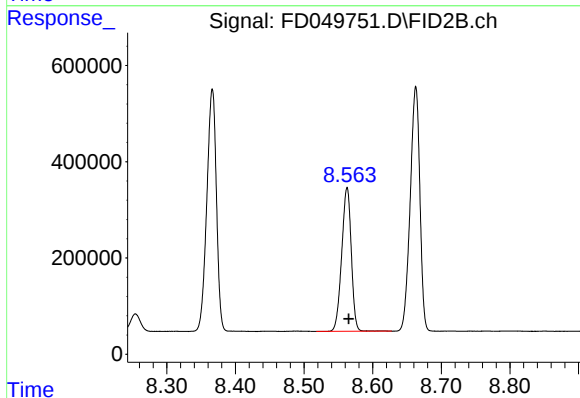
R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 4070954
Conc: 36.20 ug/ml



#5 Acenaphthylene (C15.06)

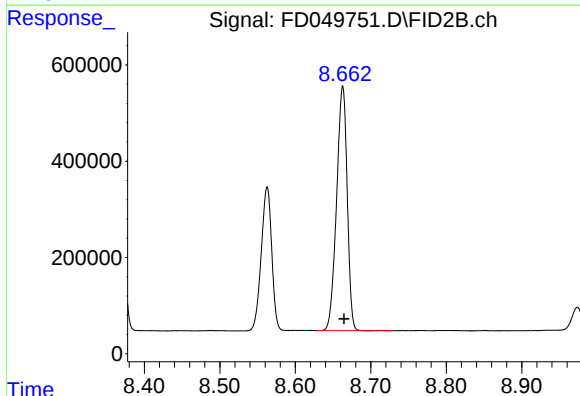
R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 4895199
Conc: 35.31 ug/ml

Instrument :
FID_D
ClientSampleId :



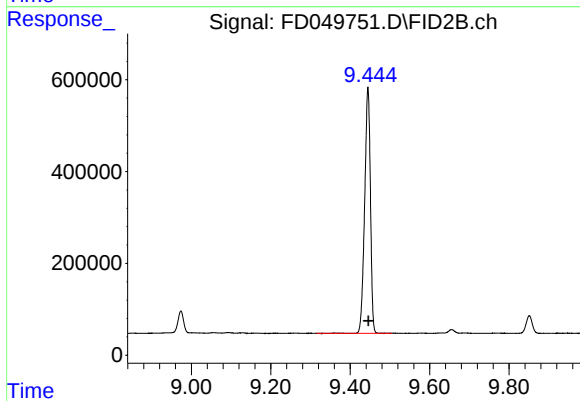
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 2889050
Conc: 35.99 ug/ml



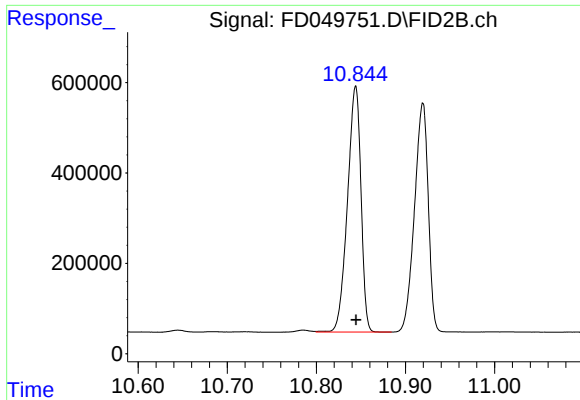
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: -0.002 min
Response: 4966352
Conc: 35.83 ug/ml



#8 Fluorene (C16.55)

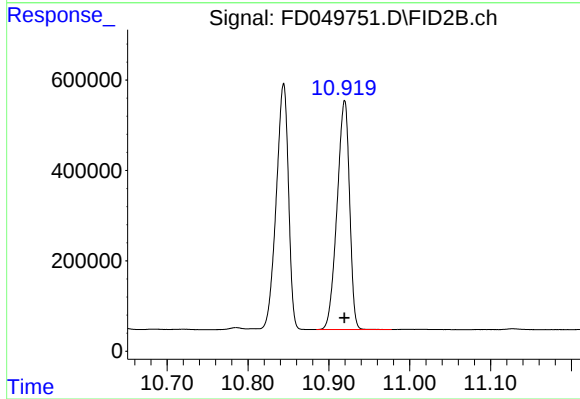
R.T.: 9.445 min
Delta R.T.: -0.001 min
Response: 5368824
Conc: 38.70 ug/ml



#9 Phenanthrene (C19.36)

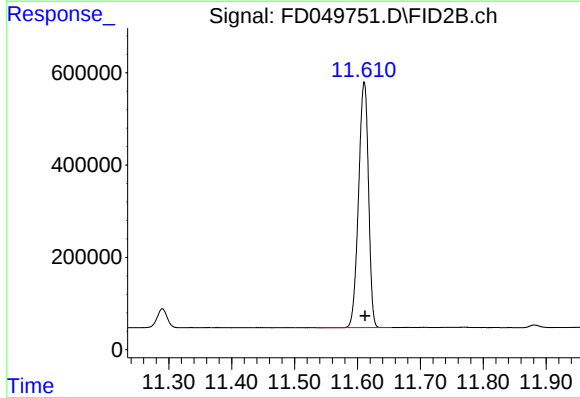
R.T.: 10.844 min
Delta R.T.: 0.000 min
Response: 5715086
Conc: 41.03 ug/ml

Instrument :
FID_D
ClientSampleId :



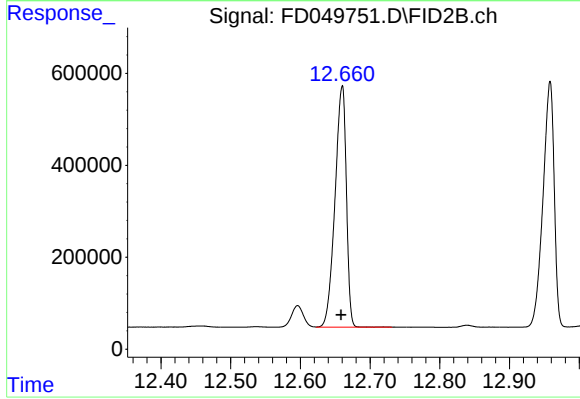
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.000 min
Response: 5443000
Conc: 41.22 ug/ml



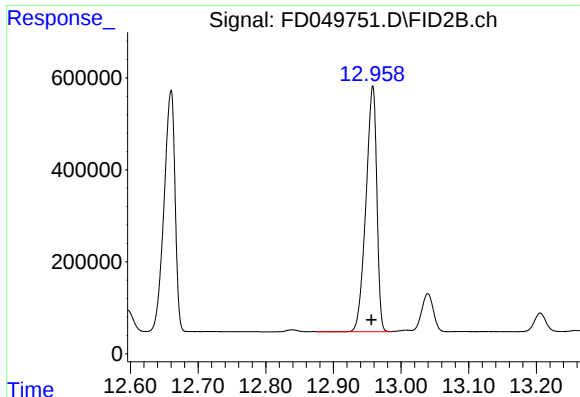
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.002 min
Response: 5834318
Conc: 41.24 ug/ml



#12 Fluoranthene (C21.85)

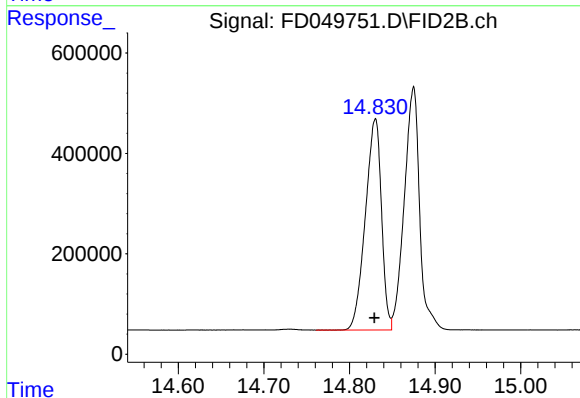
R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 5931548
Conc: 44.04 ug/ml



#13 Pyrene (C20.8)

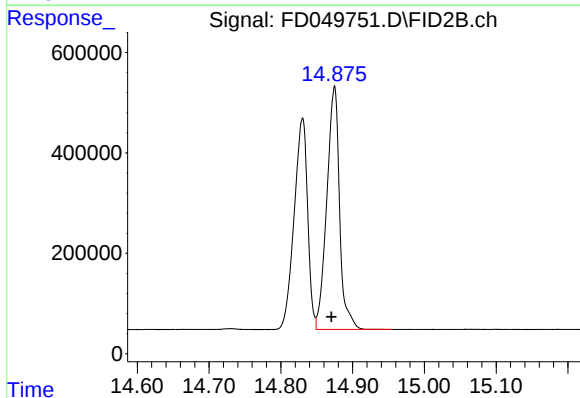
R.T.: 12.958 min
Delta R.T.: 0.001 min
Response: 5965372
Conc: 44.84 ug/ml

Instrument :
FID_D
ClientSampleId :



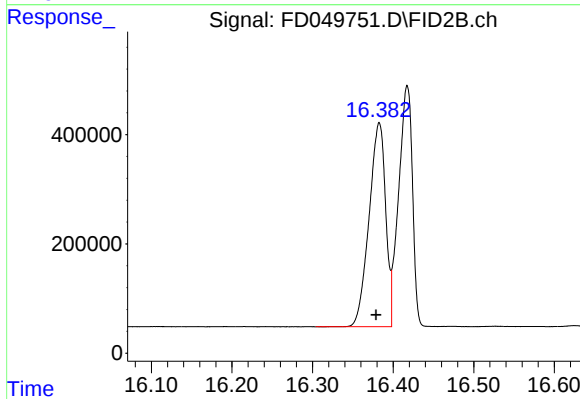
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.830 min
Delta R.T.: 0.000 min
Response: 5497495
Conc: 45.97 ug/ml



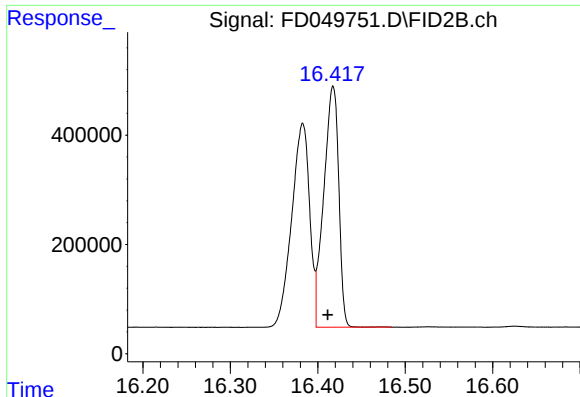
#15 Chrysene (C27.41)

R.T.: 14.874 min
Delta R.T.: 0.004 min
Response: 6017745
Conc: 49.47 ug/ml



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

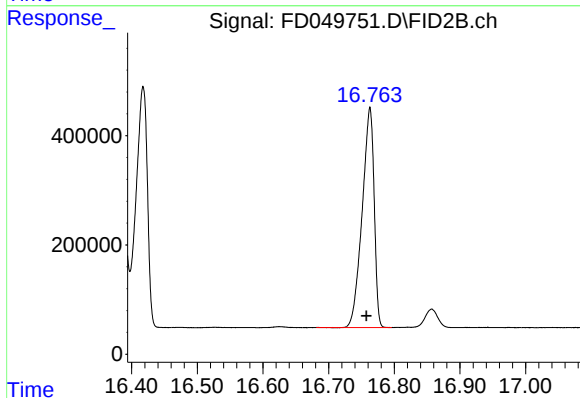
R.T.: 16.382 min
Delta R.T.: 0.004 min
Response: 5333975
Conc: 44.50 ug/ml



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

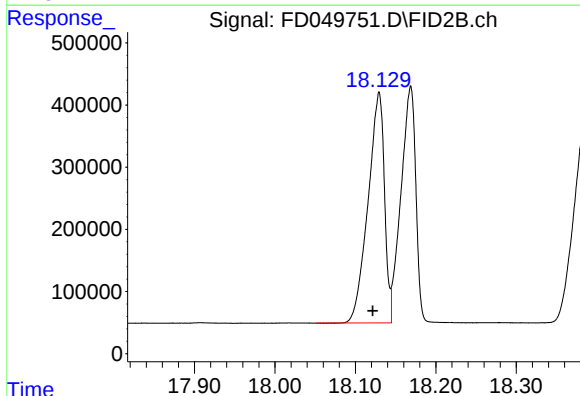
R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 5237831
Conc: 46.49 ug/ml

Instrument :
FID_D
ClientSampleId :



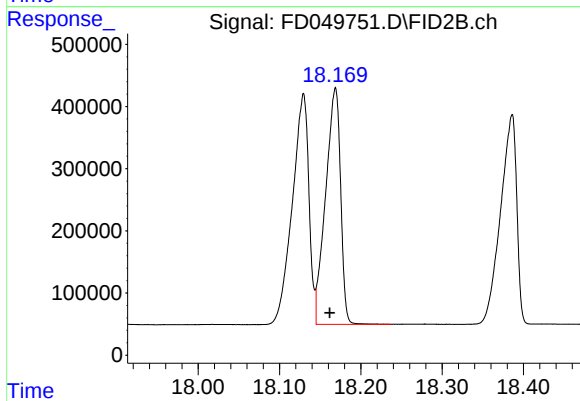
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.762 min
Delta R.T.: 0.005 min
Response: 5107673
Conc: 43.53 ug/ml



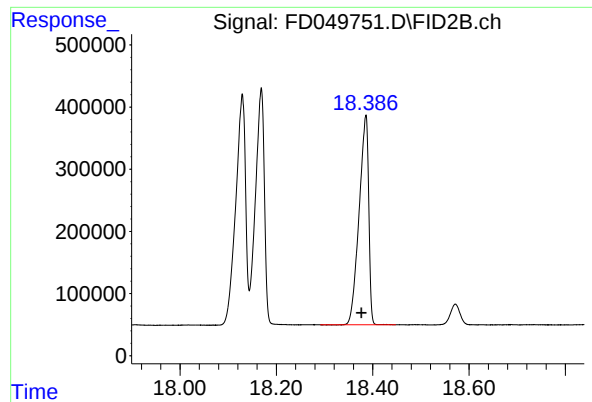
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.129 min
Delta R.T.: 0.007 min
Response: 5264025
Conc: 48.39 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.006 min
Response: 4865183
Conc: 42.70 ug/ml



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

R.T.: 18.385 min
Delta R.T.: 0.008 min
Response: 4669697
Conc: 40.13 ug/ml

Instrument :

FID_D

ClientSampleId :