

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100423AR\
 Data File : FD046638.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2023 18:08
 Operator : YP/AJ
 Sample : PB156099BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 00:15:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

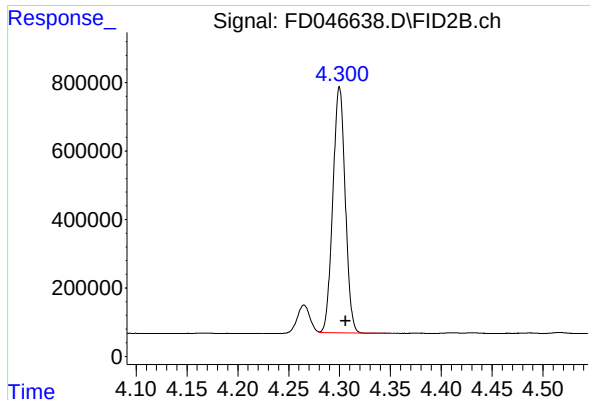
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.489	7194926	40.828 ug/ml
Spiked Amount 50.000		Recovery =	81.66%
6) S 2-Fluorobiphenyl (SURR)	8.344	4720382	40.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.48%
11) S ortho-Terphenyl (SURR)	11.382	7480145	36.716 ug/ml
Spiked Amount 50.000		Recovery =	73.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	6079583	32.916 ug/ml
2) T Naphthalene (C11.7)	5.828	6978345	36.114 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	7161634	36.956 ug/ml
5) T Acenaphthylene (C15.06)	8.148	7619761	43.214 ug/ml
7) T Acenaphthene (C15.5)	8.444	7516681	40.005 ug/ml
8) T Fluorene (C16.55)	9.222	7894048	43.761 ug/ml
9) T Phenanthrene (C19.36)	10.612	8200934	46.643 ug/ml
10) T Anthracene (C19.43)	10.687	8101821	52.748 ug/ml
12) T Fluoranthene (C21.85)	12.417	8471103	49.701 ug/ml
13) T Pyrene (C20.8)	12.711	8514092	51.900 ug/ml
14) T Benzo[a]anthracene (C...	14.575	7700725	55.149 ug/ml
15) T Chrysene (C27.41)	14.620	7671446	50.536 ug/ml
16) T benzo[b]fluoranthene ...	16.117	7354375	53.616 ug/ml
17) T Bnezo[k]fluoranthene ...	16.153	7261249	52.419 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	6945447	51.917 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.853	7035689	56.129 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	6543400	49.173 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	6627920	50.260 ug/ml

(f)=RT Delta > 1/2 Window

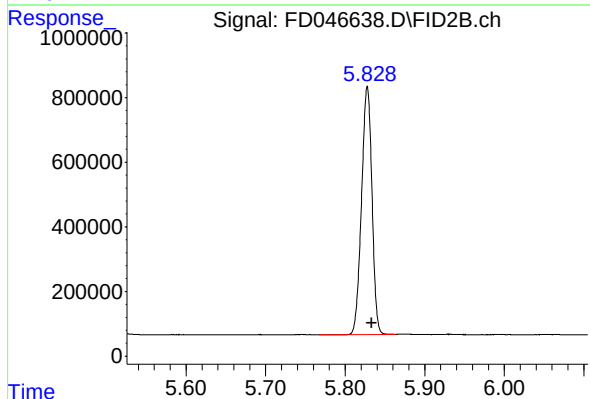
(m)=manual int.



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

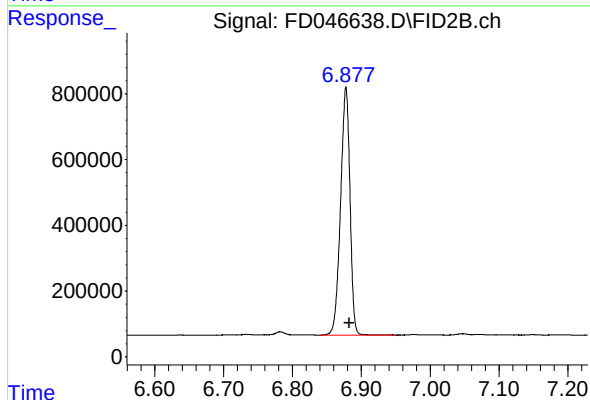
R.T.: 4.300 min
Delta R.T.: -0.006 min
Response: 6079583
Conc: 32.92 ug/ml

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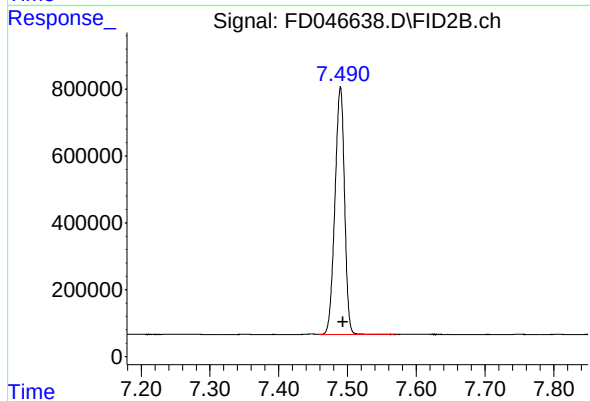
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 6978345
Conc: 36.11 ug/ml



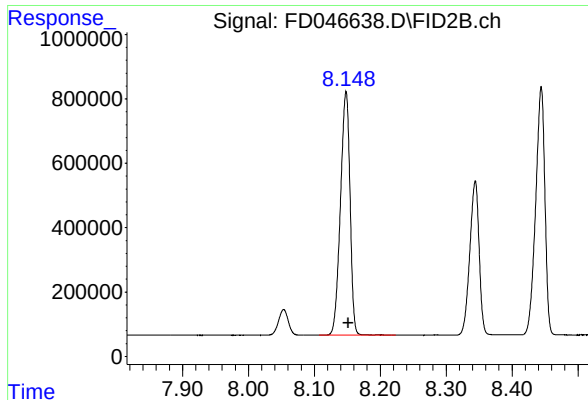
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 7161634
Conc: 36.96 ug/ml



#4 2-Bromonaphthalene (SURR)

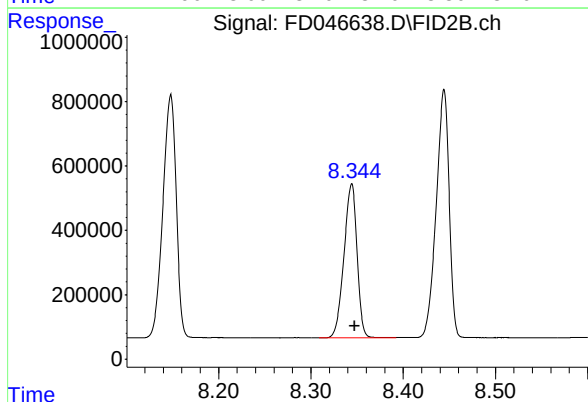
R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 7194926
Conc: 40.83 ug/ml



#5 Acenaphthylene (C15.06)

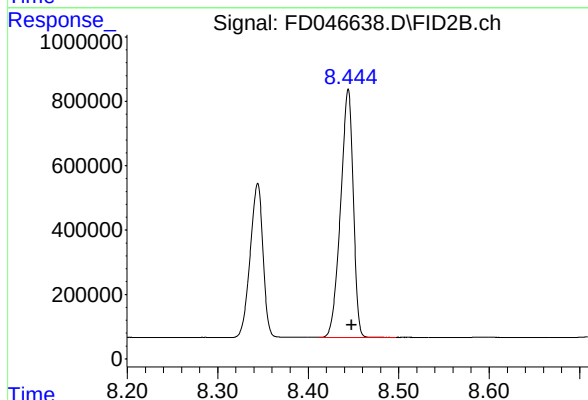
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 7619761
Conc: 43.21 ug/ml

Instrument :
FID_D
ClientSampleId :



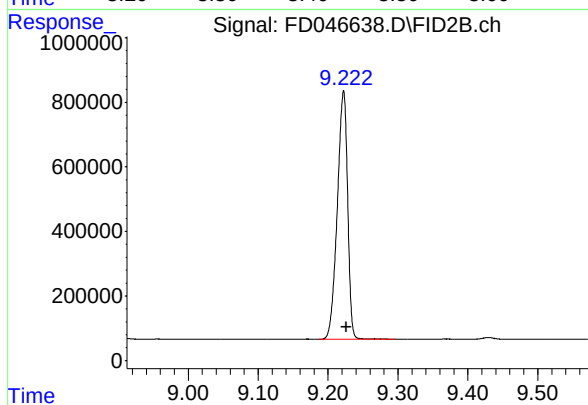
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 4720382
Conc: 40.74 ug/ml



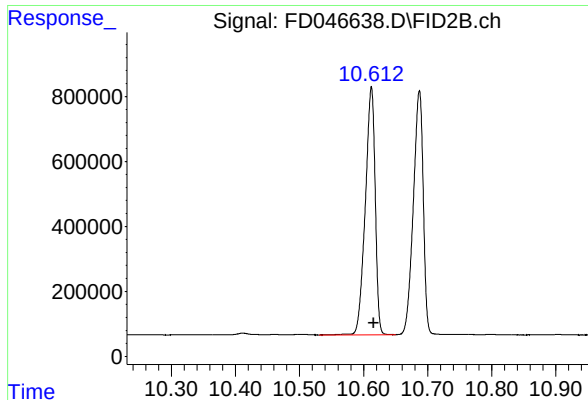
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 7516681
Conc: 40.00 ug/ml



#8 Flouorene (C16.55)

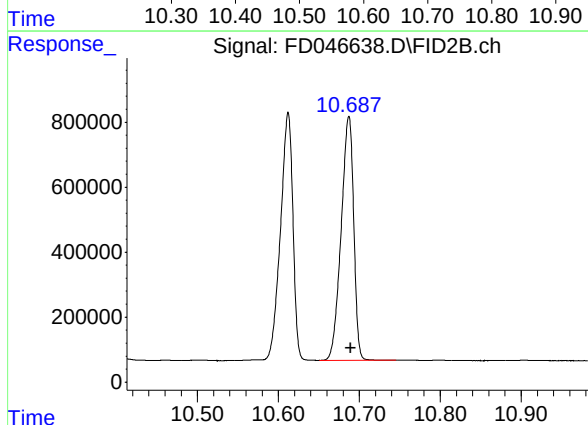
R.T.: 9.222 min
Delta R.T.: -0.004 min
Response: 7894048
Conc: 43.76 ug/ml



#9 Phenanthrene (C19.36)

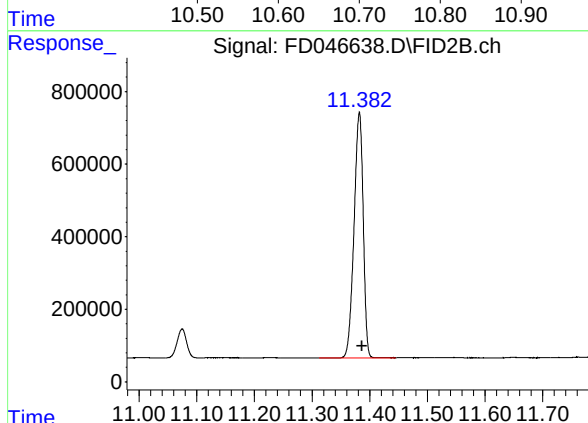
R.T.: 10.612 min
Delta R.T.: -0.004 min
Response: 8200934
Conc: 46.64 ug/ml

Instrument :
FID_D
ClientSampleId :



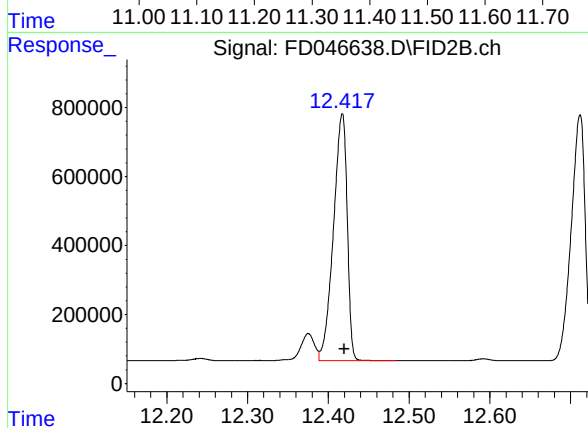
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: -0.003 min
Response: 8101821
Conc: 52.75 ug/ml



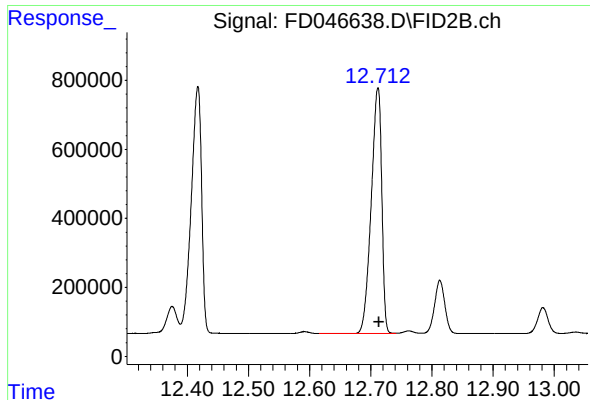
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 7480145
Conc: 36.72 ug/ml



#12 Fluoranthene (C21.85)

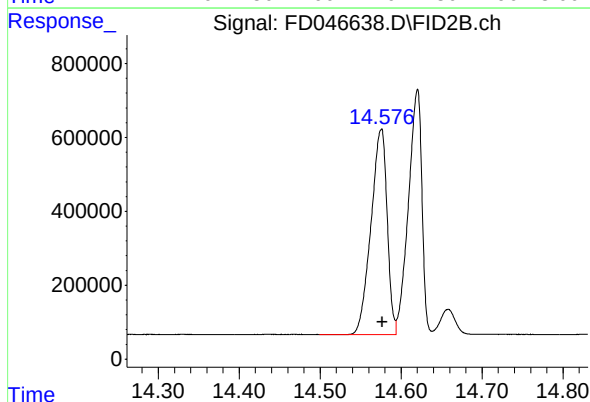
R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 8471103
Conc: 49.70 ug/ml



#13 Pyrene (C20.8)

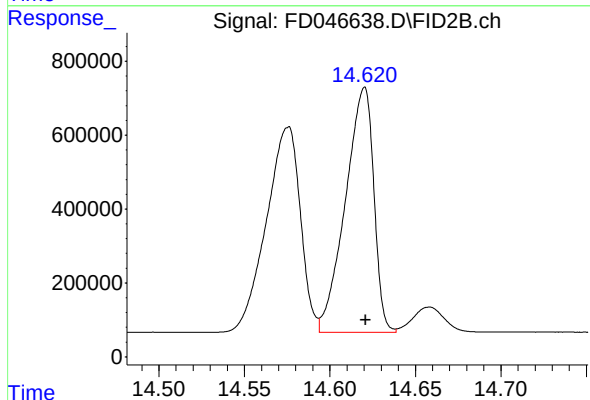
R.T.: 12.711 min
Delta R.T.: -0.002 min
Response: 8514092
Conc: 51.90 ug/ml

Instrument :
FID_D
ClientSampleId :



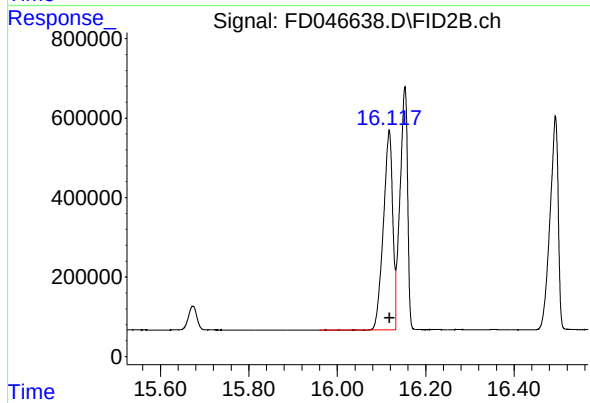
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
Delta R.T.: -0.002 min
Response: 7700725
Conc: 55.15 ug/ml



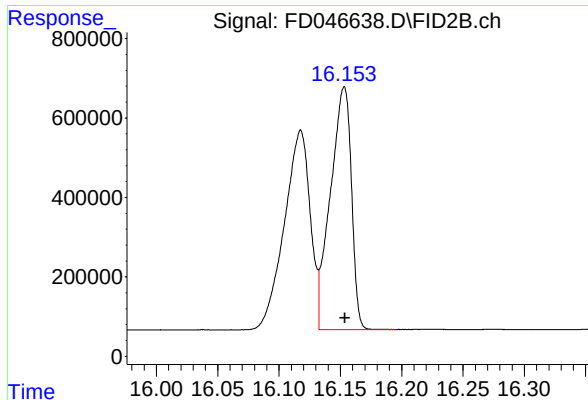
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.001 min
Response: 7671446
Conc: 50.54 ug/ml



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

R.T.: 16.117 min
Delta R.T.: -0.002 min
Response: 7354375
Conc: 53.62 ug/ml



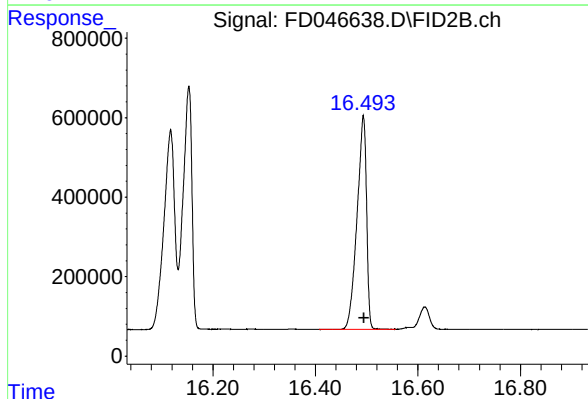
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.153 min
Delta R.T.: -0.001 min
Response: 7261249
Conc: 52.42 ug/ml

Instrument :

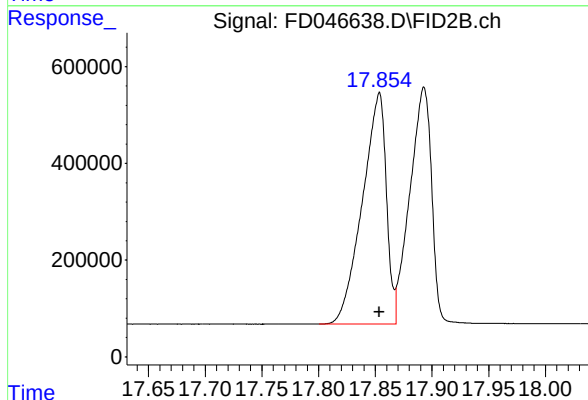
FID_D

ClientSampleId :



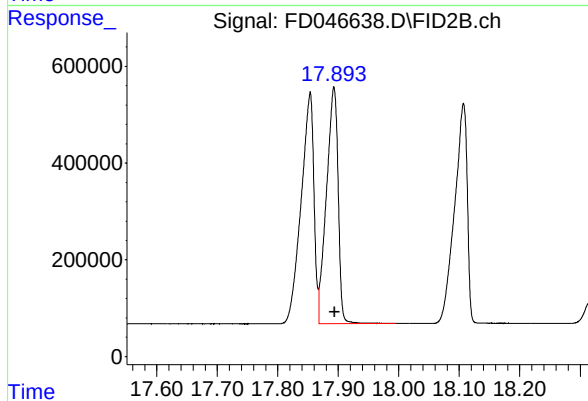
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: -0.001 min
Response: 6945447
Conc: 51.92 ug/ml



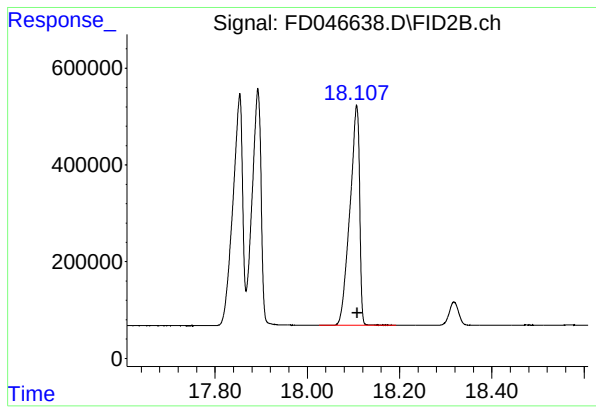
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.853 min
Delta R.T.: 0.000 min
Response: 7035689
Conc: 56.13 ug/ml



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

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 6543400
Conc: 49.17 ug/ml



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

R.T.: 18.107 min
Delta R.T.: -0.002 min
Response: 6627920
Conc: 50.26 ug/ml

Instrument :

FID_D

ClientSampleId :