

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047980.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2024 22:03
 Operator : YP/AJ
 Sample : PB161882BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 03 04:59:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

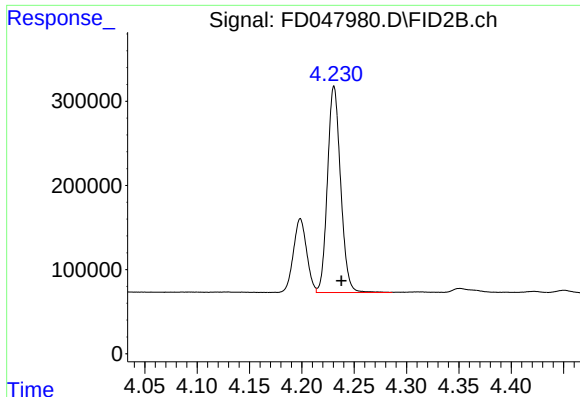
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.413	4397053	30.235 ug/ml
Spiked Amount 50.000		Recovery =	60.47%
6) S 2-Fluorobiphenyl (SURR)	8.264	1993097	20.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.92%
11) S ortho-Terphenyl (SURR)	11.303	6410981	38.149 ug/ml
Spiked Amount 50.000		Recovery =	76.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	2144062	13.340 ug/ml
2) T Naphthalene (C11.7)	5.752	2965243	17.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3183246	18.487 ug/ml
5) T Acenaphthylene (C15.06)	8.067	4292333	25.555 ug/ml
7) T Acenaphthene (C15.5)	8.362	3539935	20.885 ug/ml
8) T Flouorene (C16.55)	9.141	4881524	29.399 ug/ml
9) T Phenanthrene (C19.36)	10.529	5093477	31.113 ug/ml
10) T Anthracene (C19.43)	10.604	4789243	29.447 ug/ml
12) T Fluoranthene (C21.85)	12.336	6149673	37.345 ug/ml
13) T Pyrene (C20.8)	12.629	5448384	33.415 ug/ml
14) T Benzo[a]anthracene (C...	14.500	6494015	42.335 ug/ml
15) T Chrysene (C27.41)	14.542	6508097	39.793 ug/ml
16) T benzo[b]fluoranthene ...	16.048	6727617	43.786 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	6617948	44.184 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	6204180	40.714 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	6606028	50.240 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	6235102	39.368 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	6068629	40.369 ug/ml

(f)=RT Delta > 1/2 Window

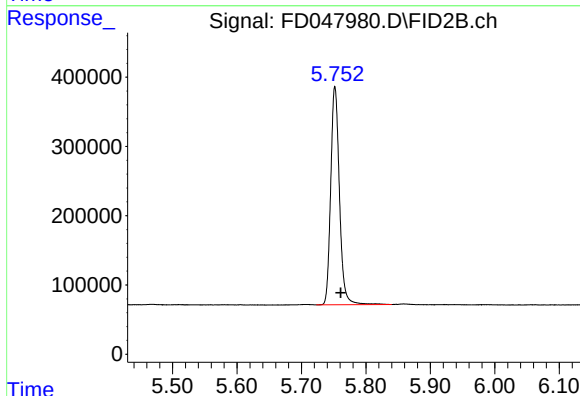
(m)=manual int.



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

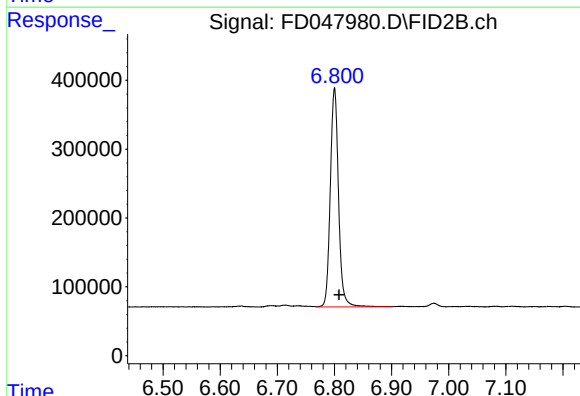
R.T.: 4.231 min
Delta R.T.: -0.007 min
Response: 2144062
Conc: 13.34 ug/ml

Instrument :
FID_D
ClientSampleId :



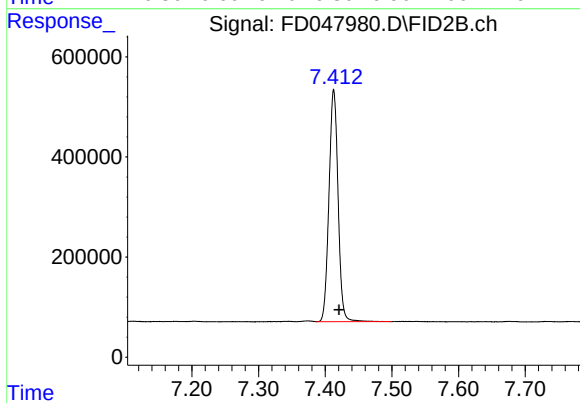
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.009 min
Response: 2965243
Conc: 17.51 ug/ml



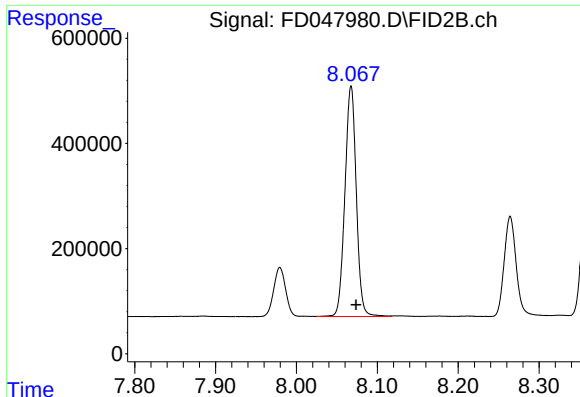
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.008 min
Response: 3183246
Conc: 18.49 ug/ml



#4 2-Bromonaphthalene (SURR)

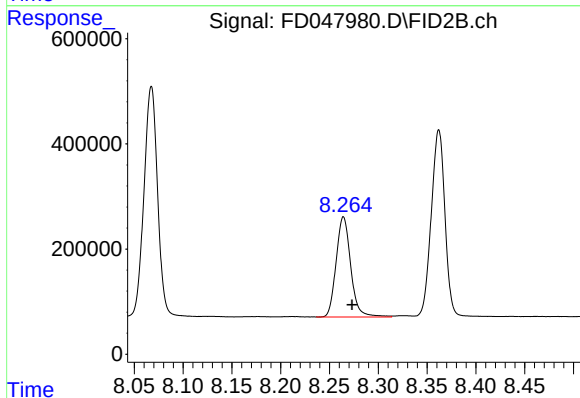
R.T.: 7.413 min
Delta R.T.: -0.008 min
Response: 4397053
Conc: 30.23 ug/ml



#5 Acenaphthylene (C15.06)

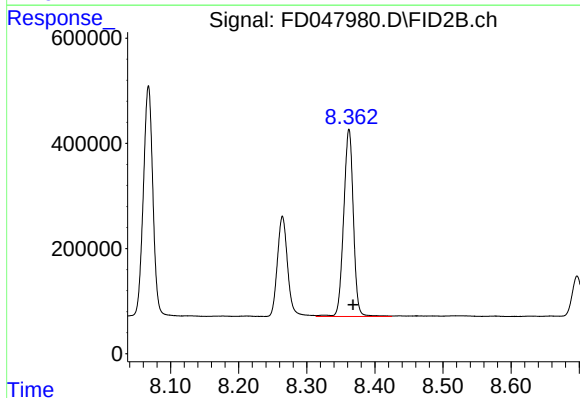
R.T.: 8.067 min
Delta R.T.: -0.006 min
Response: 4292333
Conc: 25.56 ug/ml

Instrument :
FID_D
ClientSampleId :



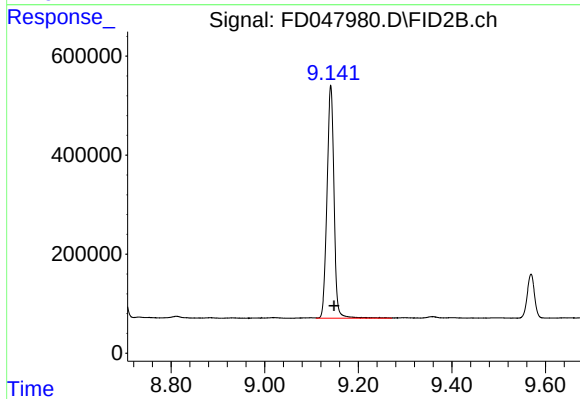
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.264 min
Delta R.T.: -0.009 min
Response: 1993097
Conc: 20.46 ug/ml



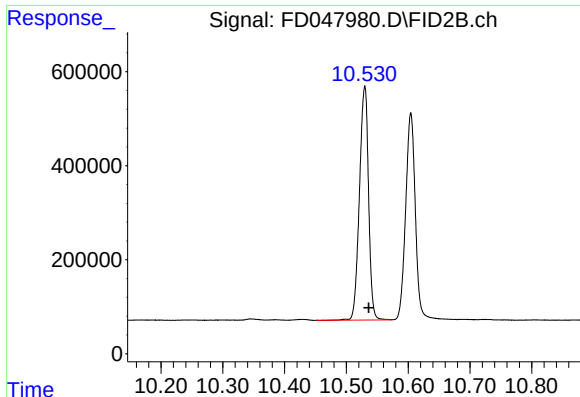
#7 Acenaphthene (C15.5)

R.T.: 8.362 min
Delta R.T.: -0.006 min
Response: 3539935
Conc: 20.89 ug/ml



#8 Fluorene (C16.55)

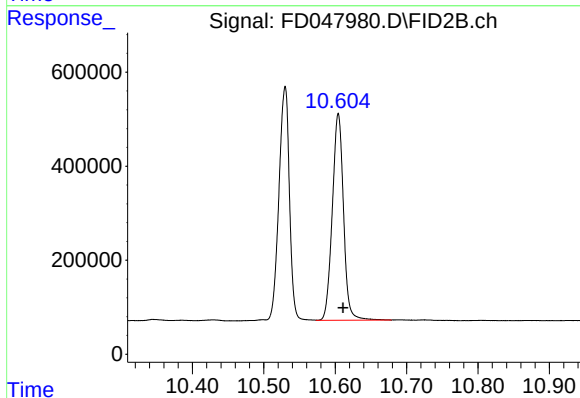
R.T.: 9.141 min
Delta R.T.: -0.007 min
Response: 4881524
Conc: 29.40 ug/ml



#9 Phenanthrene (C19.36)

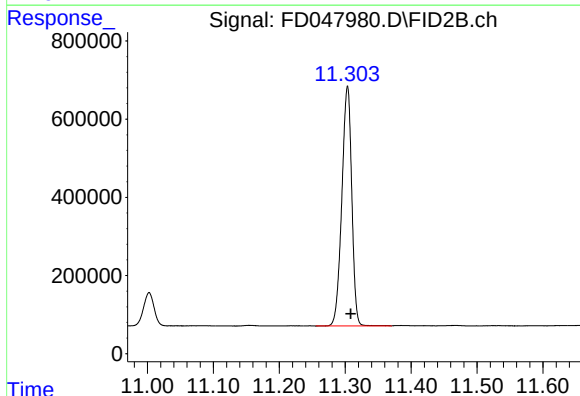
R.T.: 10.529 min
Delta R.T.: -0.007 min
Response: 5093477
Conc: 31.11 ug/ml

Instrument :
FID_D
ClientSampleId :



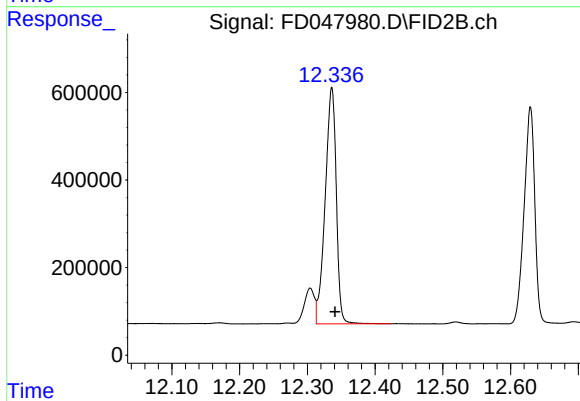
#10 Anthracene (C19.43)

R.T.: 10.604 min
Delta R.T.: -0.007 min
Response: 4789243
Conc: 29.45 ug/ml



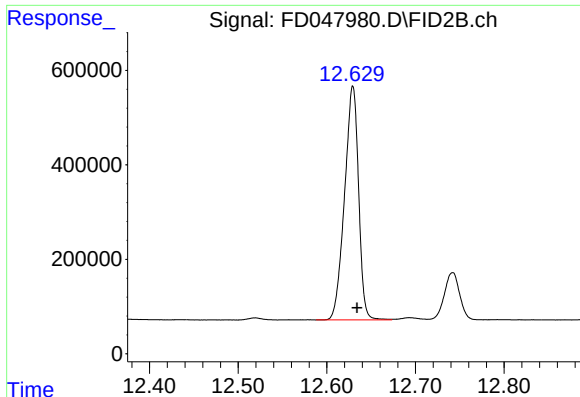
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.005 min
Response: 6410981
Conc: 38.15 ug/ml



#12 Fluoranthene (C21.85)

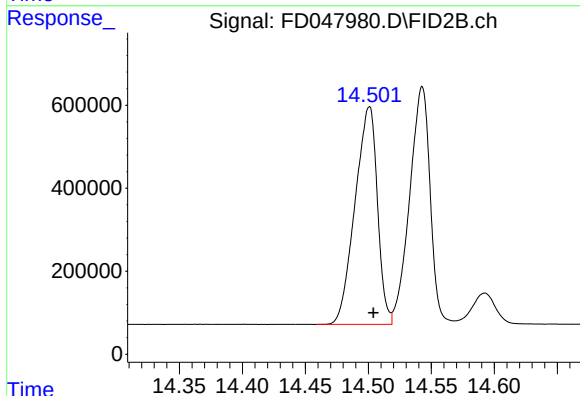
R.T.: 12.336 min
Delta R.T.: -0.005 min
Response: 6149673
Conc: 37.35 ug/ml



#13 Pyrene (C20.8)

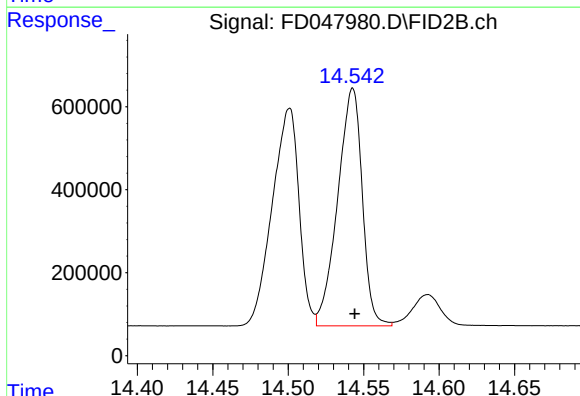
R.T.: 12.629 min
Delta R.T.: -0.005 min
Response: 5448384
Conc: 33.41 ug/ml

Instrument :
FID_D
ClientSampleId :



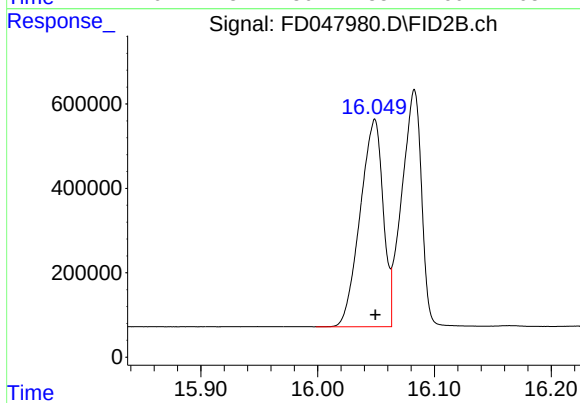
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.004 min
Response: 6494015
Conc: 42.33 ug/ml



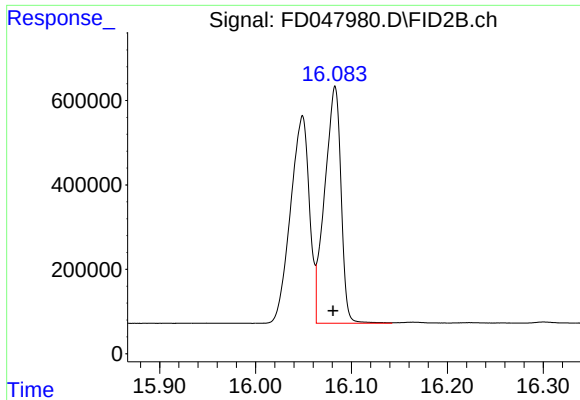
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.002 min
Response: 6508097
Conc: 39.79 ug/ml



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

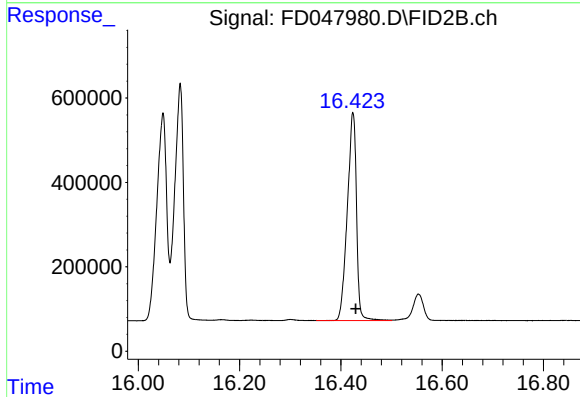
R.T.: 16.048 min
Delta R.T.: -0.001 min
Response: 6727617
Conc: 43.79 ug/ml



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

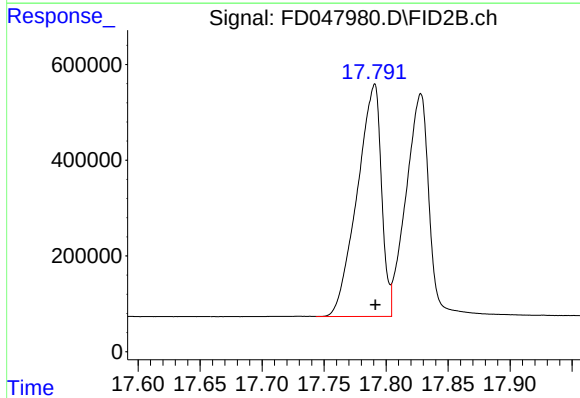
R.T.: 16.082 min
Delta R.T.: 0.002 min
Response: 6617948
Conc: 44.18 ug/ml

Instrument :
FID_D
ClientSampleId :



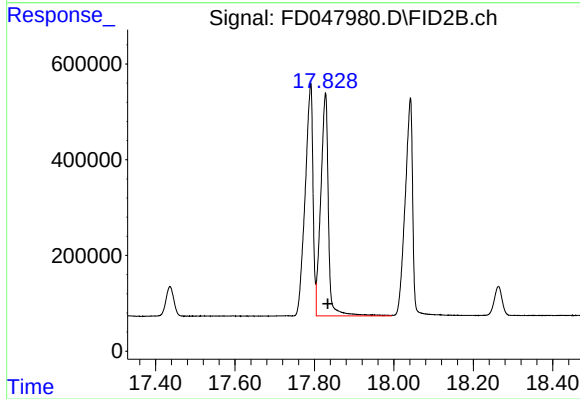
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.006 min
Response: 6204180
Conc: 40.71 ug/ml



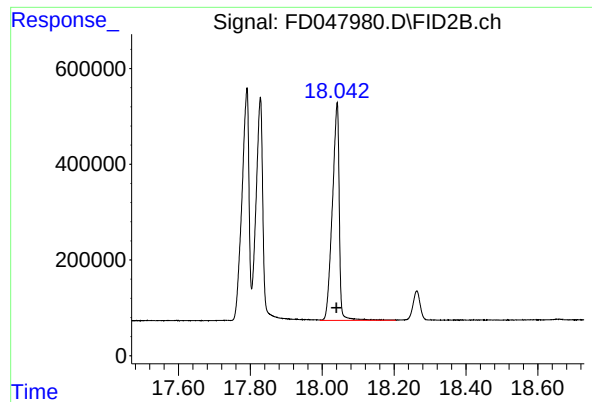
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.002 min
Response: 6606028
Conc: 50.24 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.006 min
Response: 6235102
Conc: 39.37 ug/ml



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

R.T.: 18.041 min
Delta R.T.: 0.001 min
Response: 6068629
Conc: 40.37 ug/ml

Instrument :

FID_D

ClientSampleId :