

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070324AR\
 Data File : FD047988.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2024 08:31
 Operator : YP/AJ
 Sample : PB161882BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 04 04:39:14 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

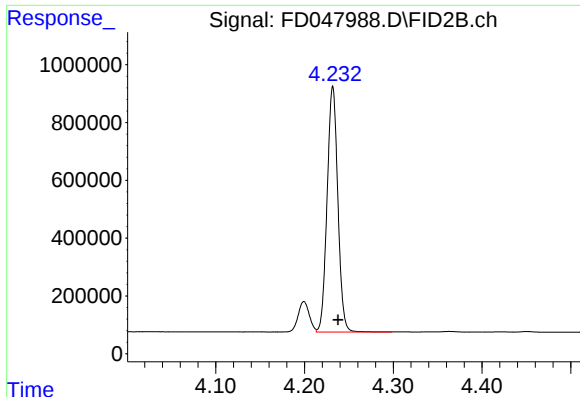
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.414	7636074	52.507 ug/ml
Spiked Amount 50.000		Recovery =	105.01%
6) S 2-Fluorobiphenyl (SURR)	8.266	5072985	52.080 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.16%
11) S ortho-Terphenyl (SURR)	11.303	7069075	42.065 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	7144490	44.453 ug/ml
2) T Naphthalene (C11.7)	5.753	8107926	47.879 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	8426793	48.939 ug/ml
5) T Acenaphthylene (C15.06)	8.070	8716611	51.896 ug/ml
7) T Acenaphthene (C15.5)	8.366	8754482	51.651 ug/ml
8) T Flouorene (C16.55)	9.144	8920602	53.724 ug/ml
9) T Phenanthrene (C19.36)	10.532	9263847	56.586 ug/ml
10) T Anthracene (C19.43)	10.608	9184235	56.469 ug/ml
12) T Fluoranthene (C21.85)	12.339	9597959	58.285 ug/ml
13) T Pyrene (C20.8)	12.634	9667343	59.289 ug/ml
14) T Benzo[a]anthracene (C...	14.503	9125555	59.490 ug/ml
15) T Chrysene (C27.41)	14.547	9106566	55.682 ug/ml
16) T benzo[b]fluoranthene ...	16.050	8956583	58.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.086	8886539	59.330 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	8460756	55.522 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	8901245	67.695 ug/ml
20) T Dibenz[a,h]anthracene...	17.831	8286276	52.319 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	8123149	54.036 ug/ml

(f)=RT Delta > 1/2 Window

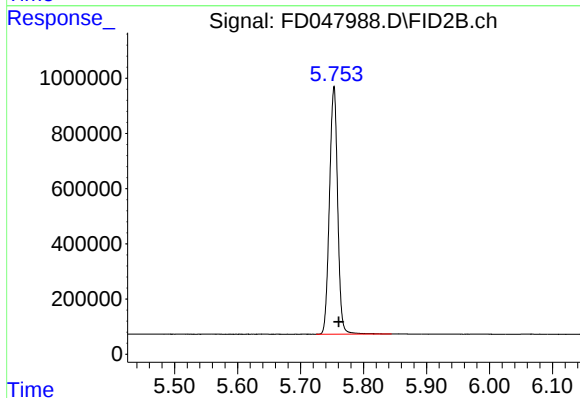
(m)=manual int.



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

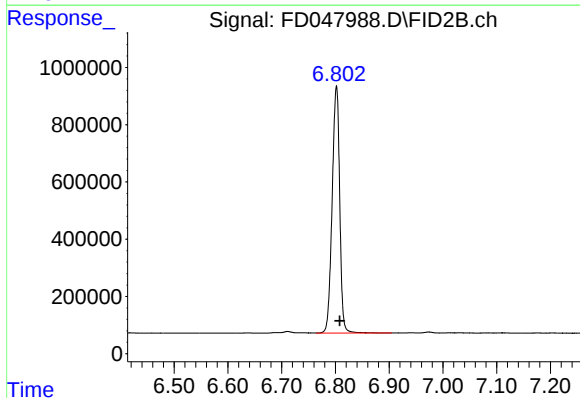
R.T.: 4.232 min
Delta R.T.: -0.006 min
Response: 7144490
Conc: 44.45 ug/ml

Instrument :
FID_D
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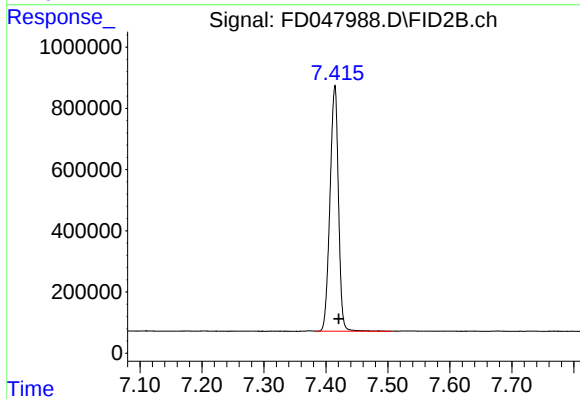
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.008 min
Response: 8107926
Conc: 47.88 ug/ml



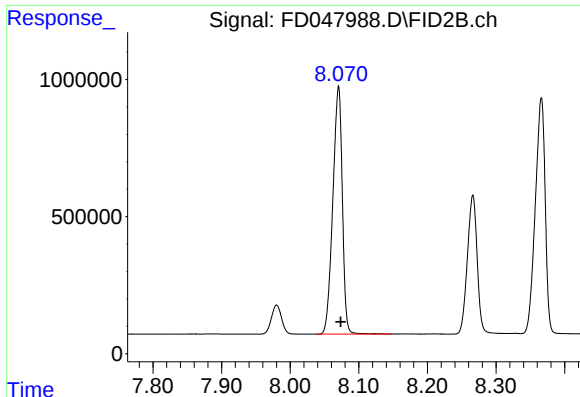
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.007 min
Response: 8426793
Conc: 48.94 ug/ml



#4 2-Bromonaphthalene (SURR)

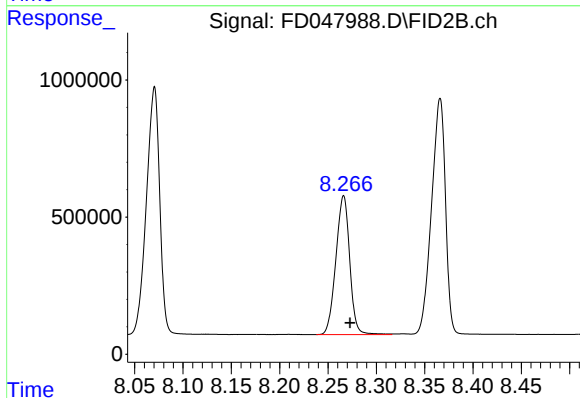
R.T.: 7.414 min
Delta R.T.: -0.007 min
Response: 7636074
Conc: 52.51 ug/ml



#5 Acenaphthylene (C15.06)

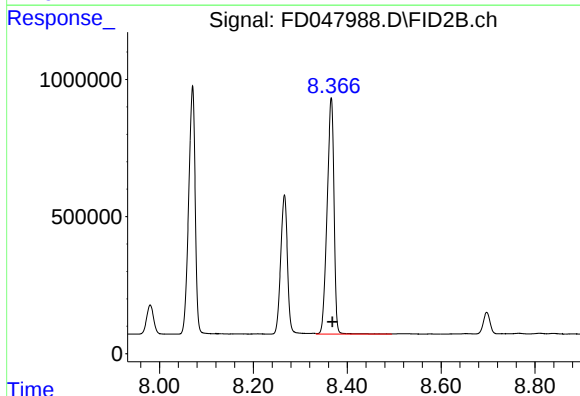
R.T.: 8.070 min
Delta R.T.: -0.003 min
Response: 8716611
Conc: 51.90 ug/ml

Instrument :
FID_D
ClientSampleId :



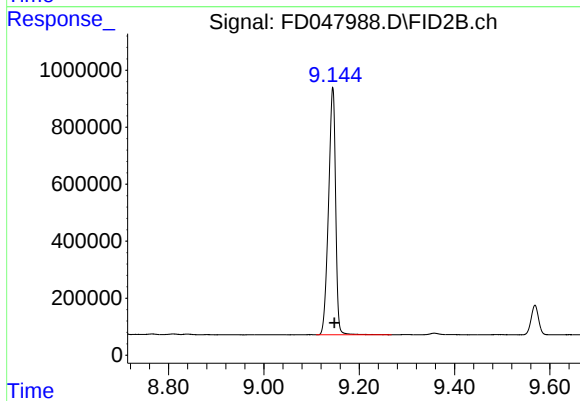
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.266 min
Delta R.T.: -0.007 min
Response: 5072985
Conc: 52.08 ug/ml



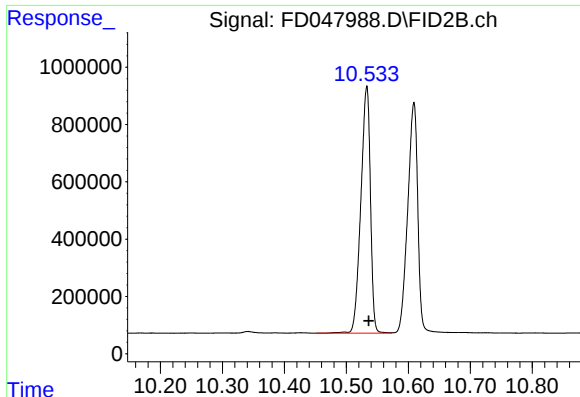
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.003 min
Response: 8754482
Conc: 51.65 ug/ml



#8 Flouorene (C16.55)

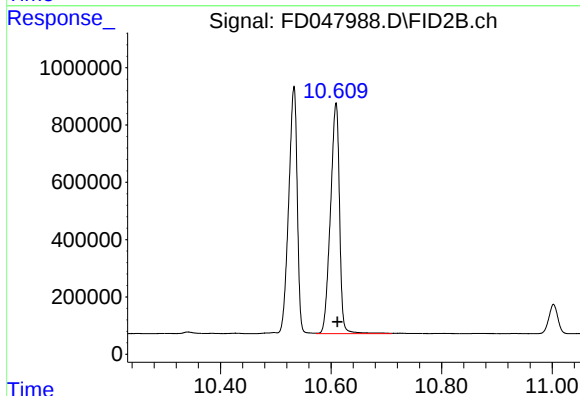
R.T.: 9.144 min
Delta R.T.: -0.004 min
Response: 8920602
Conc: 53.72 ug/ml



#9 Phenanthrene (C19.36)

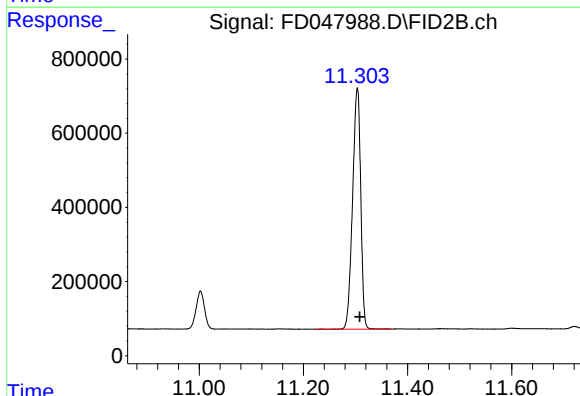
R.T.: 10.532 min
Delta R.T.: -0.004 min
Response: 9263847
Conc: 56.59 ug/ml

Instrument :
FID_D
ClientSampleId :



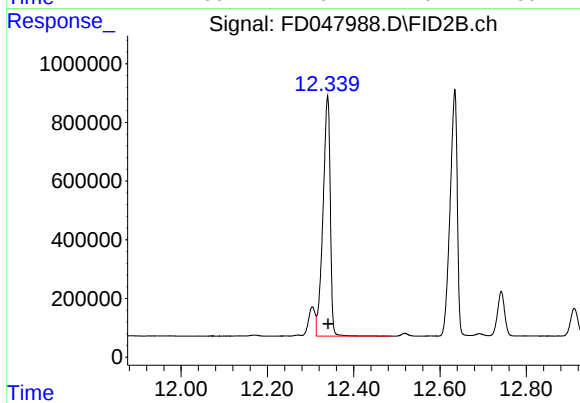
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.003 min
Response: 9184235
Conc: 56.47 ug/ml



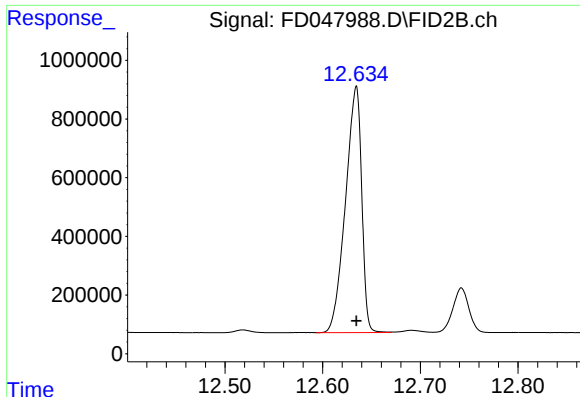
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.005 min
Response: 7069075
Conc: 42.06 ug/ml



#12 Fluoranthene (C21.85)

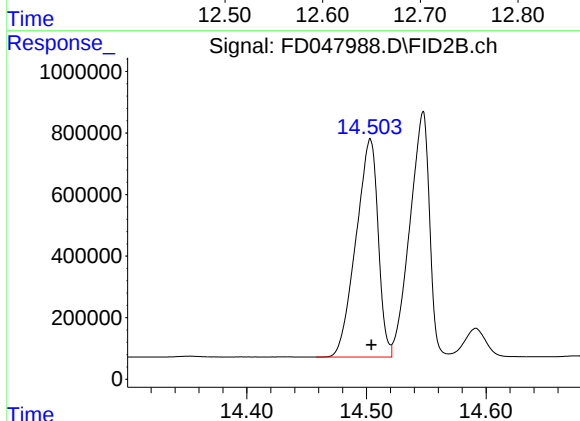
R.T.: 12.339 min
Delta R.T.: -0.002 min
Response: 9597959
Conc: 58.29 ug/ml



#13 Pyrene (C20.8)

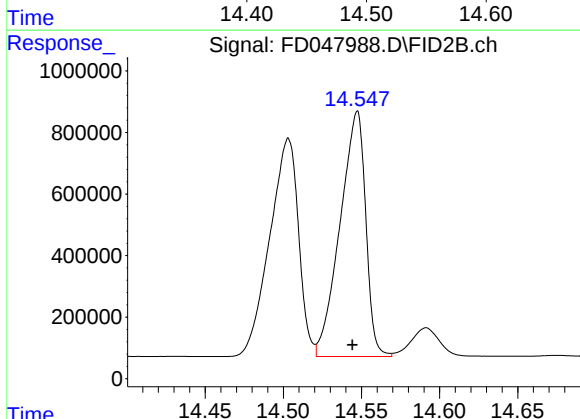
R.T.: 12.634 min
Delta R.T.: 0.000 min
Response: 9667343
Conc: 59.29 ug/ml

Instrument :
FID_D
ClientSampleId :



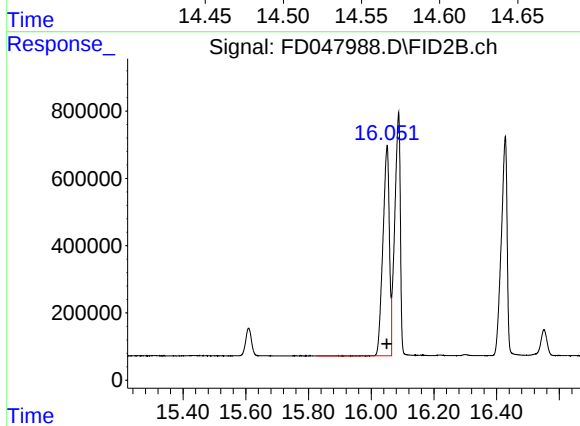
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.001 min
Response: 9125555
Conc: 59.49 ug/ml



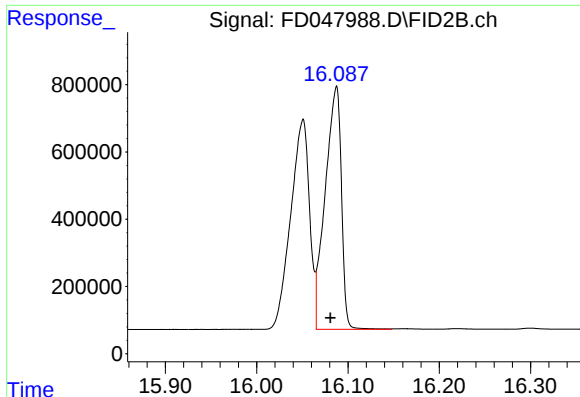
#15 Chrysene (C27.41)

R.T.: 14.547 min
Delta R.T.: 0.002 min
Response: 9106566
Conc: 55.68 ug/ml



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

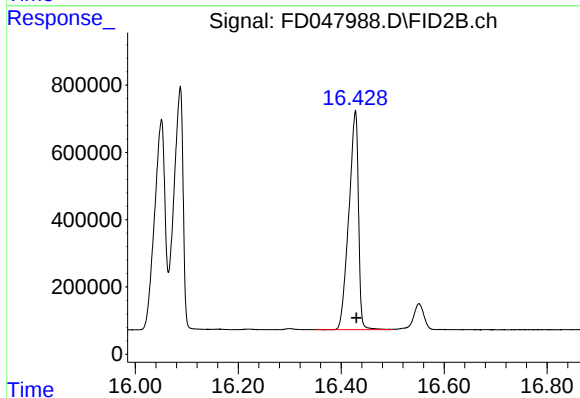
R.T.: 16.050 min
Delta R.T.: 0.000 min
Response: 8956583
Conc: 58.29 ug/ml



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

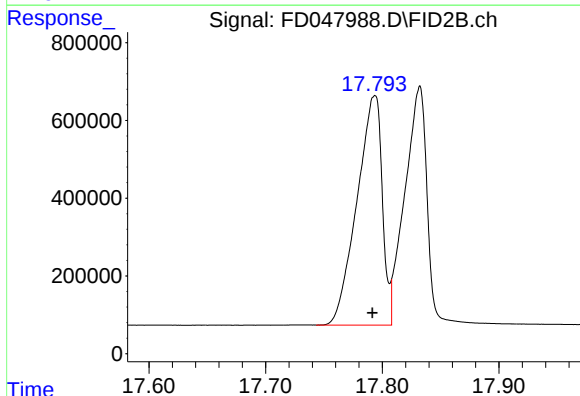
R.T.: 16.086 min
Delta R.T.: 0.006 min
Response: 8886539
Conc: 59.33 ug/ml

Instrument :
FID_D
ClientSampleId :



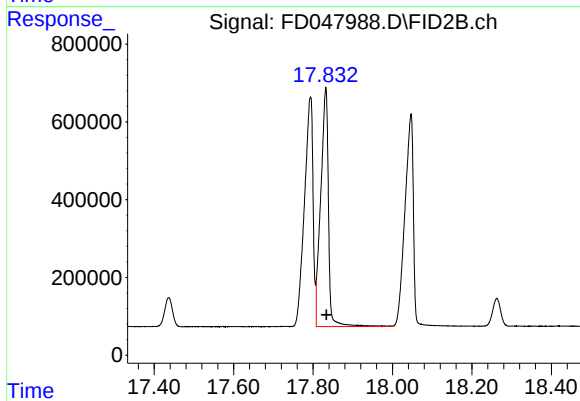
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: -0.002 min
Response: 8460756
Conc: 55.52 ug/ml



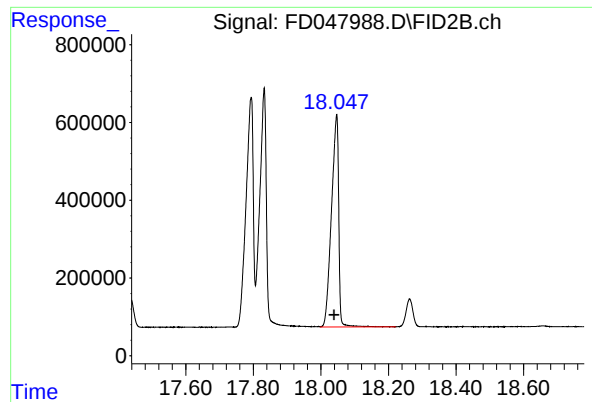
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: 0.001 min
Response: 8901245
Conc: 67.70 ug/ml



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

R.T.: 17.831 min
Delta R.T.: -0.002 min
Response: 8286276
Conc: 52.32 ug/ml



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

R.T.: 18.045 min
Delta R.T.: 0.006 min
Response: 8123149
Conc: 54.04 ug/ml

Instrument :

FID_D

ClientSampleId :