

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046608.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2023 17:18
 Operator : YP/AJ
 Sample : PB156025BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156025BS

Integration File: autoint1.e
 Quant Time: Oct 03 00:29:59 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

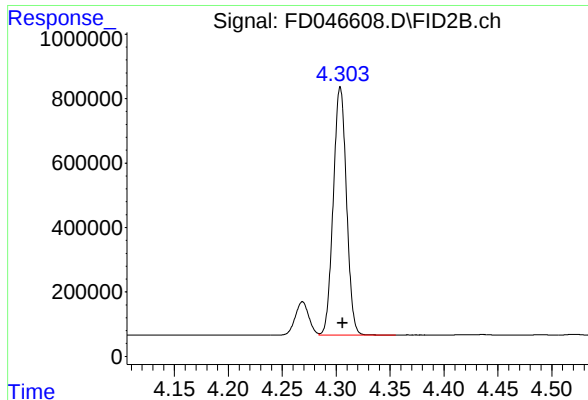
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.491	9840166	55.838 ug/ml
Spiked Amount 50.000		Recovery =	111.68%
6) S 2-Fluorobiphenyl (SURR)	8.345	6246737	53.917 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.83%
11) S ortho-Terphenyl (SURR)	11.384	11115936	54.562 ug/ml
Spiked Amount 50.000		Recovery =	109.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	6549819	35.462 ug/ml
2) T Naphthalene (C11.7)	5.830	7708712	39.893 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	8107440	41.837 ug/ml
5) T Acenaphthylene (C15.06)	8.149	8646416	49.037 ug/ml
7) T Acenaphthene (C15.5)	8.445	8556959	45.541 ug/ml
8) T Fluorene (C16.55)	9.223	8842460	49.019 ug/ml
9) T Phenanthrene (C19.36)	10.613	8992397	51.144 ug/ml
10) T Anthracene (C19.43)	10.688	8777017	57.144 ug/ml
12) T Fluoranthene (C21.85)	12.417	9169928	53.802 ug/ml
13) T Pyrene (C20.8)	12.712	9223325	56.223 ug/ml
14) T Benzo[a]anthracene (C...	14.576	8332158	59.672 ug/ml
15) T Chrysene (C27.41)	14.620	8396619	55.313 ug/ml
16) T benzo[b]fluoranthene ...	16.118	7999258	58.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	7963611	57.489 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.494	7436133	55.585 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	7407476	59.095 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	6956185	52.275 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	7024635	53.268 ug/ml

(f)=RT Delta > 1/2 Window

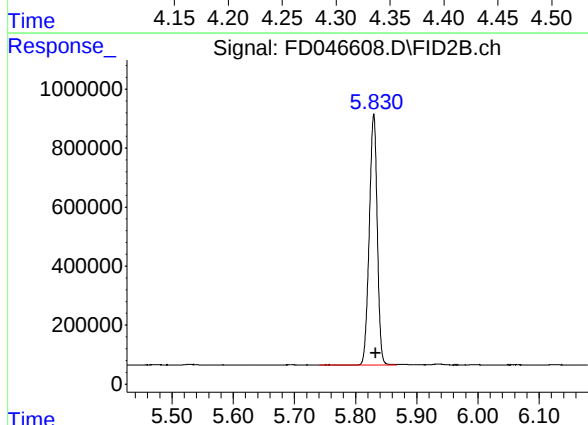
(m)=manual int.



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

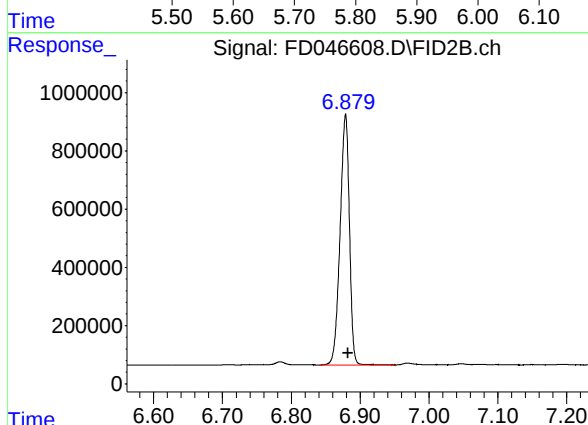
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 6549819
Conc: 35.46 ug/ml

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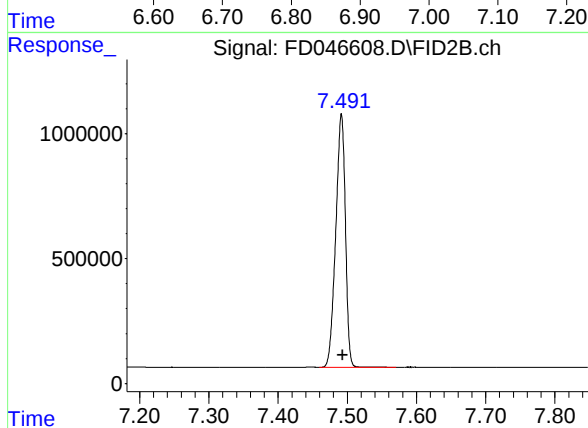
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 7708712
Conc: 39.89 ug/ml



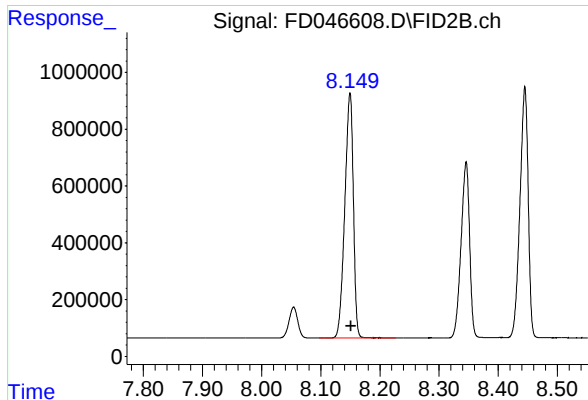
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 8107440
Conc: 41.84 ug/ml



#4 2-Bromonaphthalene (SURR)

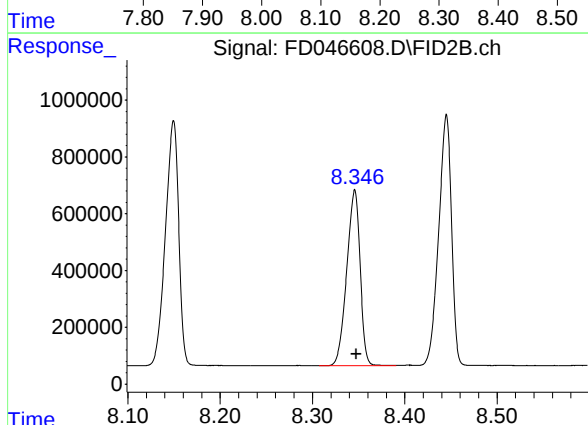
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 9840166
Conc: 55.84 ug/ml



#5 Acenaphthylene (C15.06)

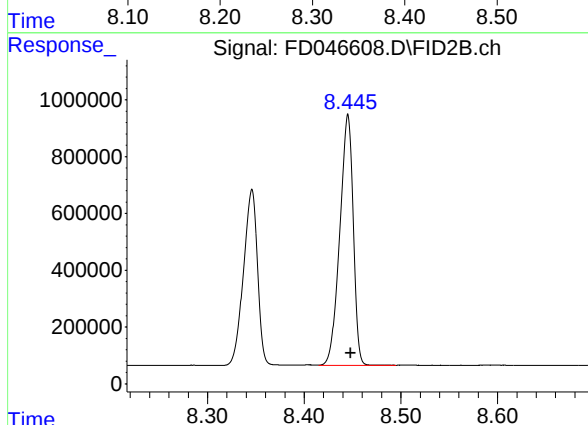
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 8646416
Conc: 49.04 ug/ml

Instrument :
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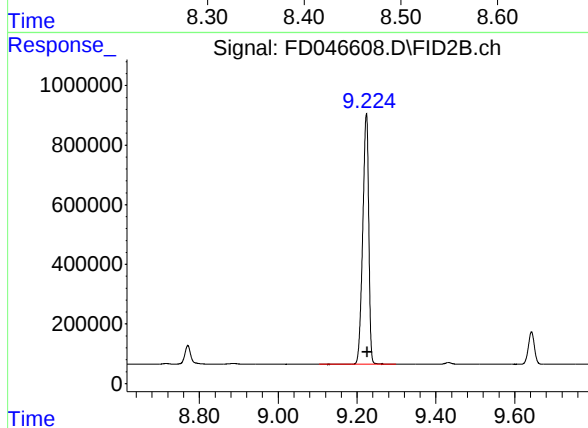
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 6246737
Conc: 53.92 ug/ml



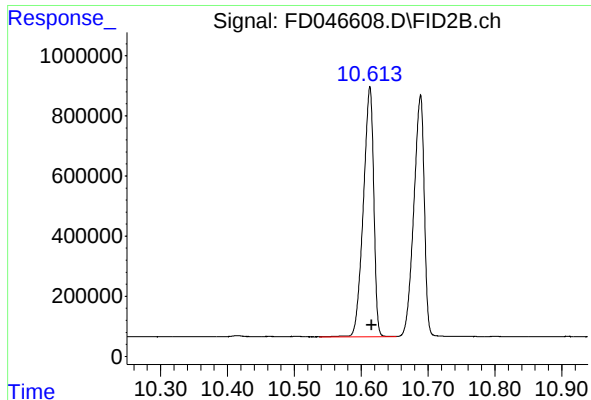
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 8556959
Conc: 45.54 ug/ml



#8 Flouorene (C16.55)

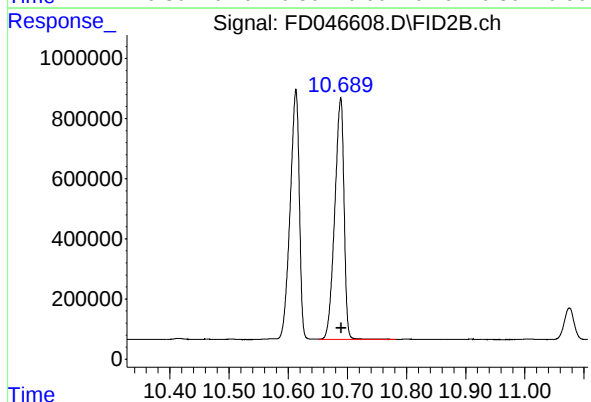
R.T.: 9.223 min
Delta R.T.: -0.003 min
Response: 8842460
Conc: 49.02 ug/ml



#9 Phenanthrene (C19.36)

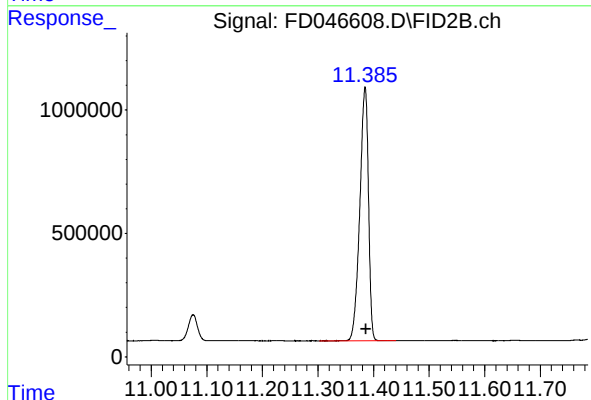
R.T.: 10.613 min
Delta R.T.: -0.003 min
Response: 8992397
Conc: 51.14 ug/ml

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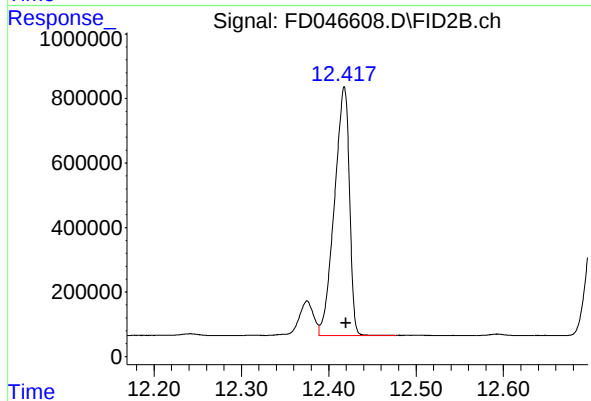
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: -0.001 min
Response: 8777017
Conc: 57.14 ug/ml



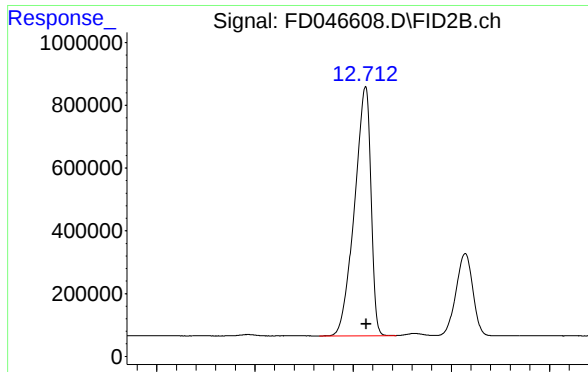
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 11115936
Conc: 54.56 ug/ml



#12 Fluoranthene (C21.85)

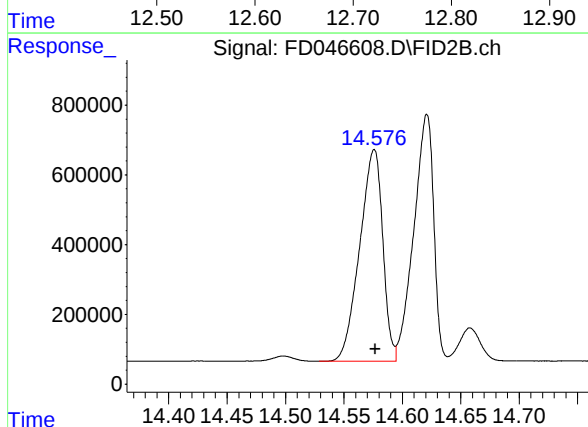
R.T.: 12.417 min
Delta R.T.: -0.002 min
Response: 9169928
Conc: 53.80 ug/ml



#13 Pyrene (C20.8)

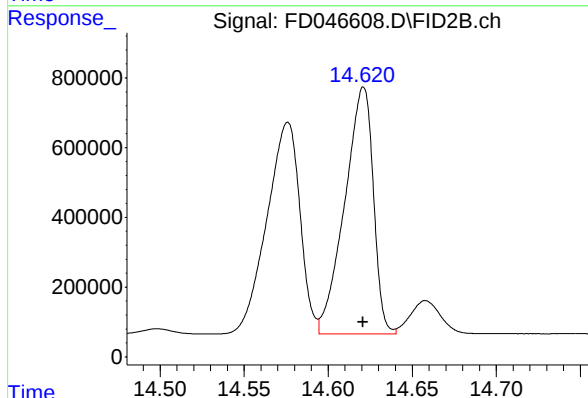
R.T.: 12.712 min
Delta R.T.: -0.002 min
Response: 9223325
Conc: 56.22 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156025BS



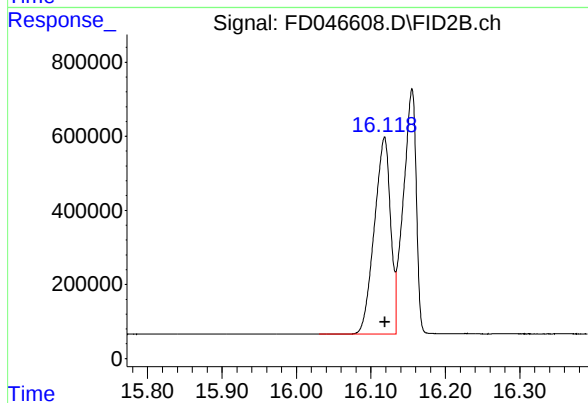
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: -0.001 min
Response: 8332158
Conc: 59.67 ug/ml



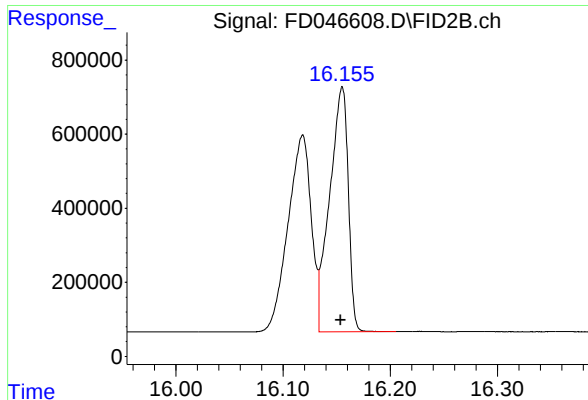
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: 0.000 min
Response: 8396619
Conc: 55.31 ug/ml



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

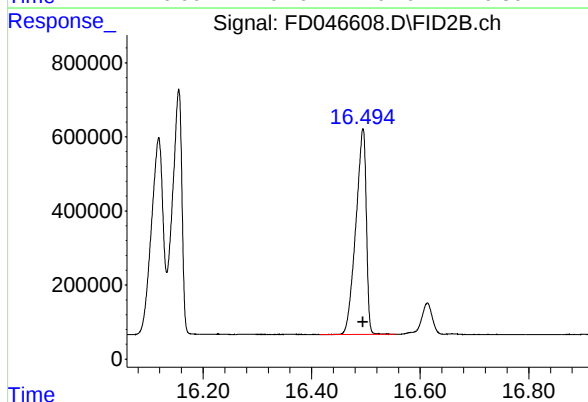
R.T.: 16.118 min
Delta R.T.: -0.001 min
Response: 7999258
Conc: 58.32 ug/ml



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

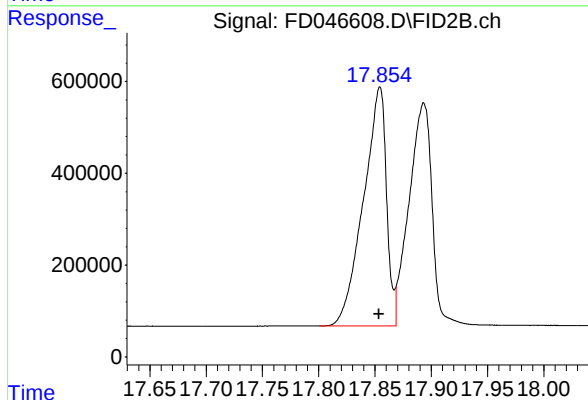
R.T.: 16.155 min
Delta R.T.: 0.000 min
Response: 7963611
Conc: 57.49 ug/ml

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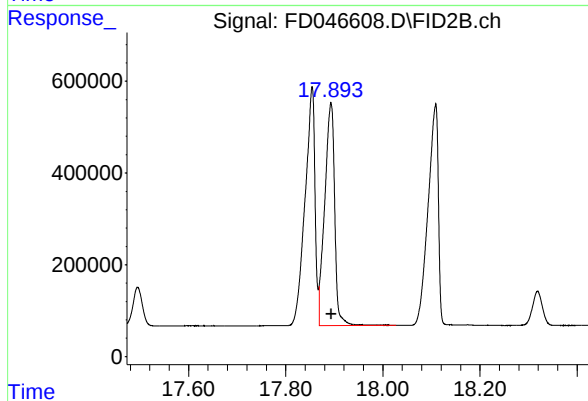
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.494 min
Delta R.T.: 0.000 min
Response: 7436133
Conc: 55.59 ug/ml



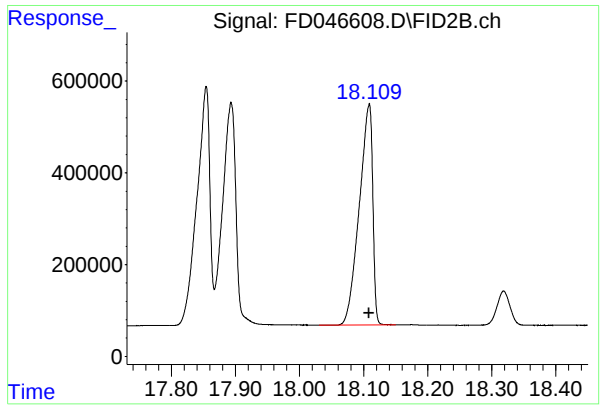
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: 0.000 min
Response: 7407476
Conc: 59.09 ug/ml



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

R.T.: 17.893 min
Delta R.T.: -0.001 min
Response: 6956185
Conc: 52.27 ug/ml



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

R.T.: 18.108 min

Delta R.T.: 0.000 min

Response: 7024635

Conc: 53.27 ug/ml

Instrument :

FID_D

ClientSampleId :

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