

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030223AR\
 Data File : FD045207.D
 Signal(s) : FID2B.ch
 Acq On : 02 Mar 2023 19:52
 Operator : YP/AJ
 Sample : 01739-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 00:19:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.555	7337956	54.072 ug/ml
Spiked Amount 50.000		Recovery =	108.14%
6) S 2-Fluorobiphenyl (SURR)	8.411	4603221	51.413 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.83%
11) S ortho-Terphenyl (SURR)	11.451	6676181	40.108 ug/ml
Spiked Amount 50.000		Recovery =	80.22%
Target Compounds			
9) T Phenanthrene (C19.36)	10.674	55227	0.387 ug/ml
12) T Fluoranthene (C21.85)	12.479	115082	0.824 ug/ml
13) T Pyrene (C20.8)	12.774	80544	0.591 ug/ml
14) T Benzo[a]anthracene (C...	14.637	49619	0.389 ug/ml
15) T Chrysene (C27.41)	14.679	59514	0.457 ug/ml
16) T benzo[b]fluoranthene ...	16.181	21195	0.164 ug/ml
17) T Bnezo[k]fluoranthene ...	16.181	21195	0.168 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	49442	0.393 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	53227	0.445 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	39450	0.327 ug/ml

(f)=RT Delta > 1/2 Window

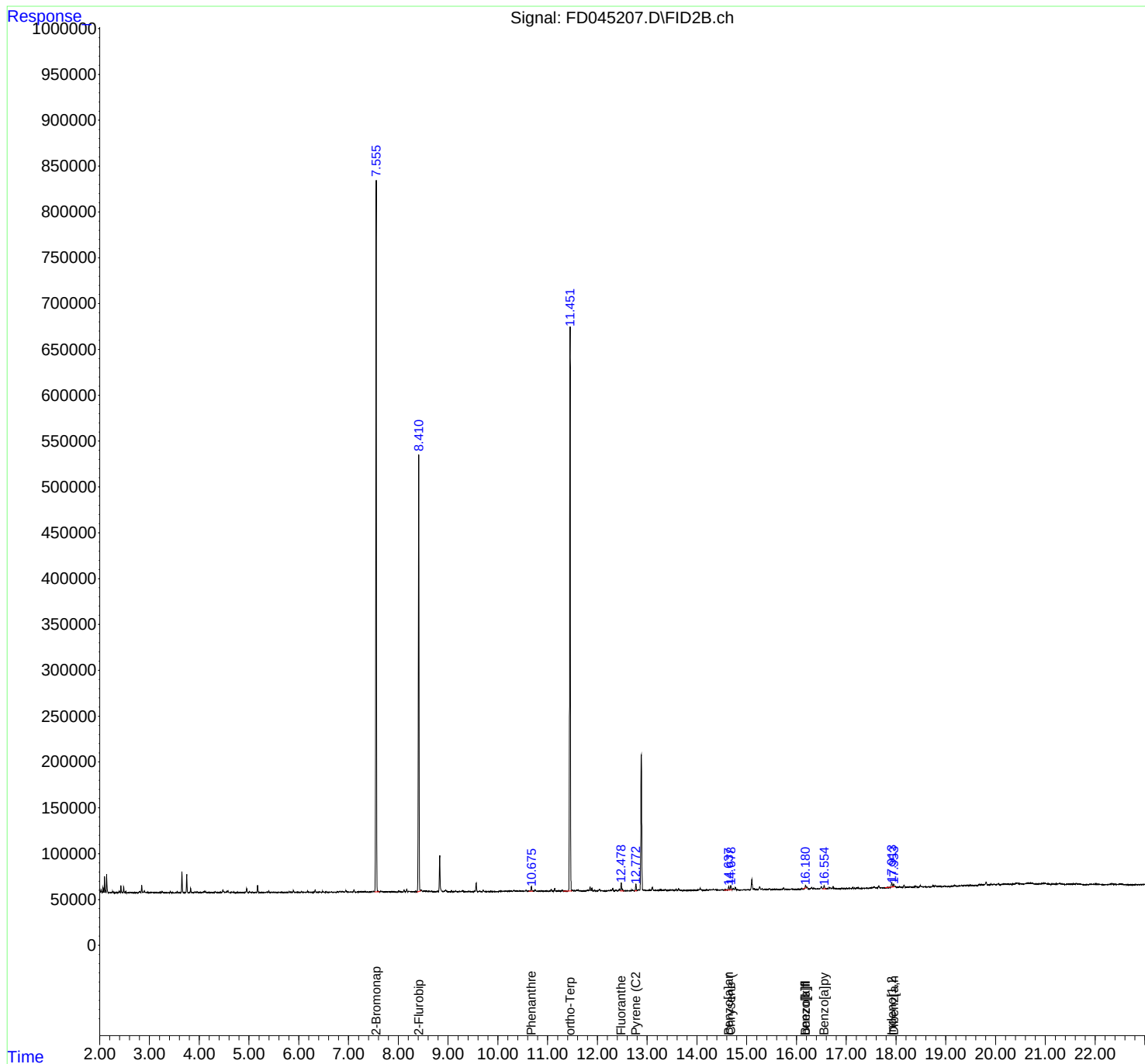
(m)=manual int.

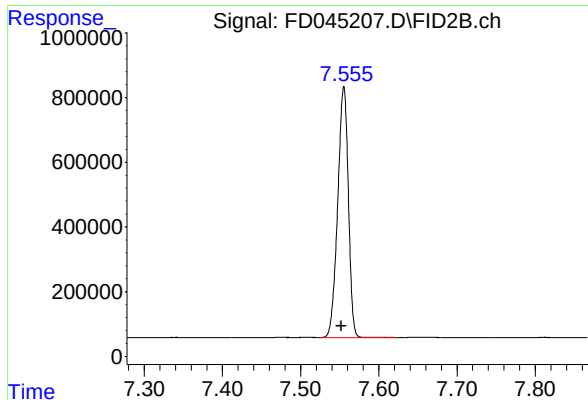
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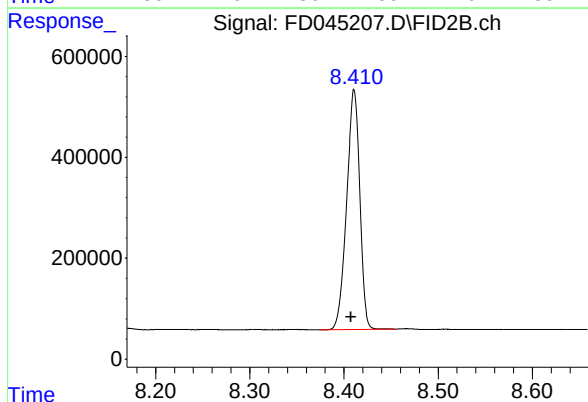




#4 2-Bromonaphthalene (SURR)

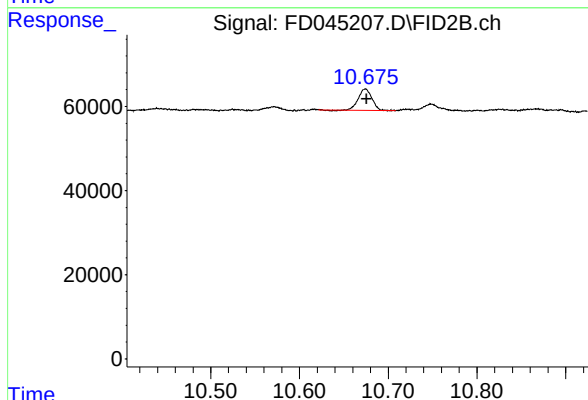
R.T.: 7.555 min
Delta R.T.: 0.003 min
Response: 7337956
Conc: 54.07 ug/ml

Instrument :
FID_D
ClientSampleId :



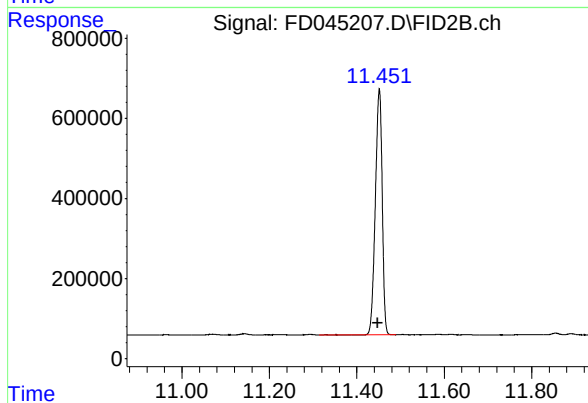
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: 0.003 min
Response: 4603221
Conc: 51.41 ug/ml



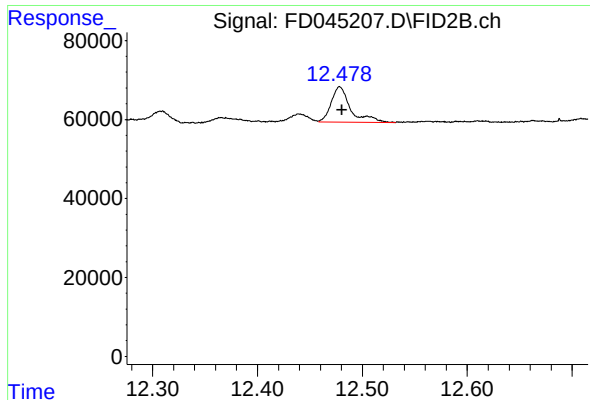
#9 Phenanthrene (C19.36)

R.T.: 10.674 min
Delta R.T.: -0.002 min
Response: 55227
Conc: 0.39 ug/ml



#11 ortho-Terphenyl (SURR)

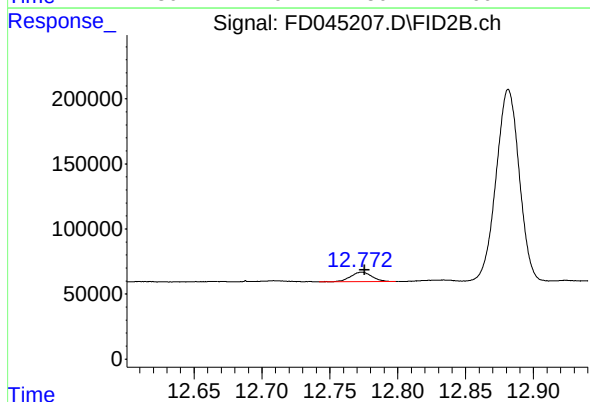
R.T.: 11.451 min
Delta R.T.: 0.003 min
Response: 6676181
Conc: 40.11 ug/ml



#12 Fluoranthene (C21.85)

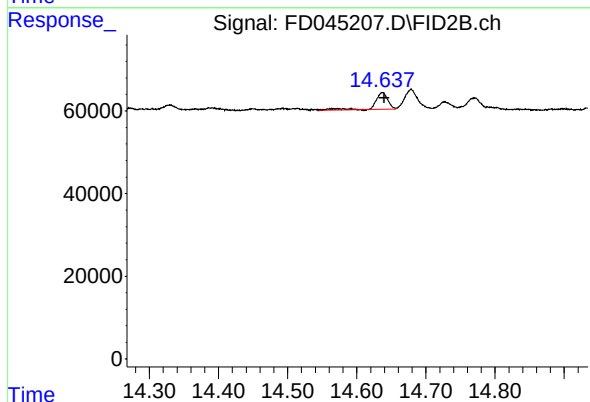
R.T.: 12.479 min
Delta R.T.: -0.002 min
Response: 115082
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :



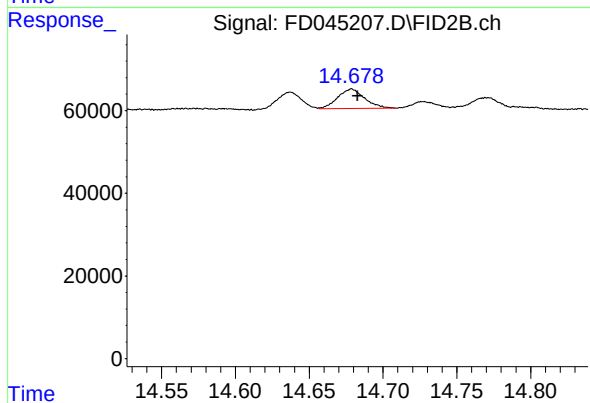
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: -0.002 min
Response: 80544
Conc: 0.59 ug/ml



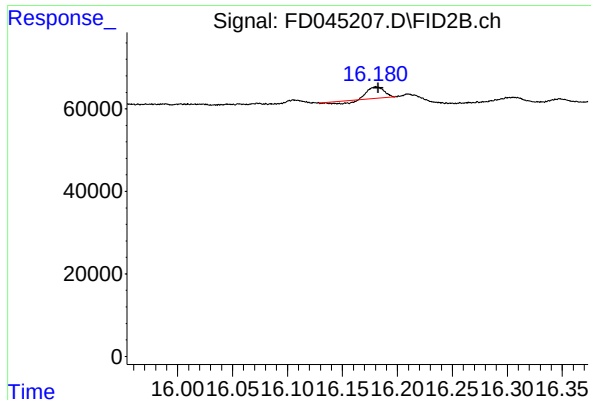
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.003 min
Response: 49619
Conc: 0.39 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.004 min
Response: 59514
Conc: 0.46 ug/ml



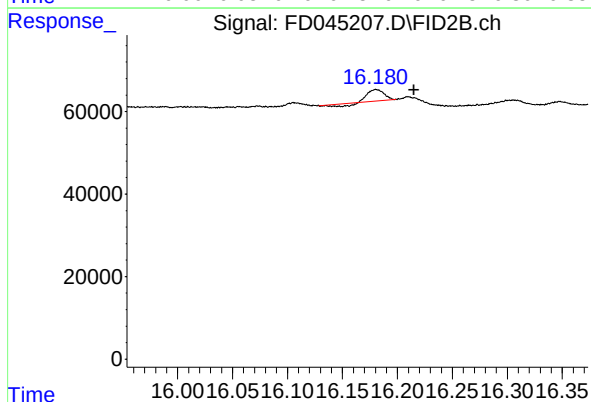
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.181 min
Delta R.T.: -0.002 min
Response: 21195
Conc: 0.16 ug/ml

Instrument :

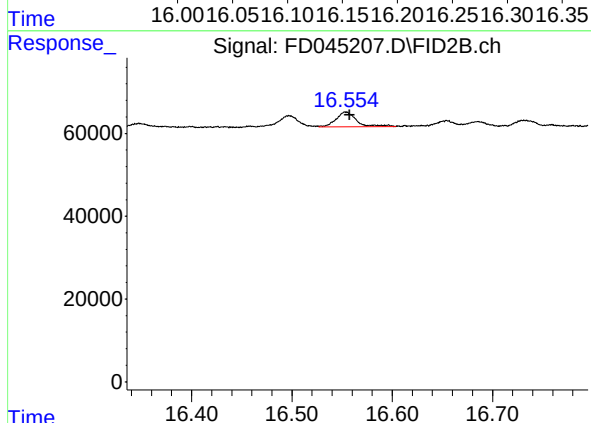
FID_D

ClientSampleId :



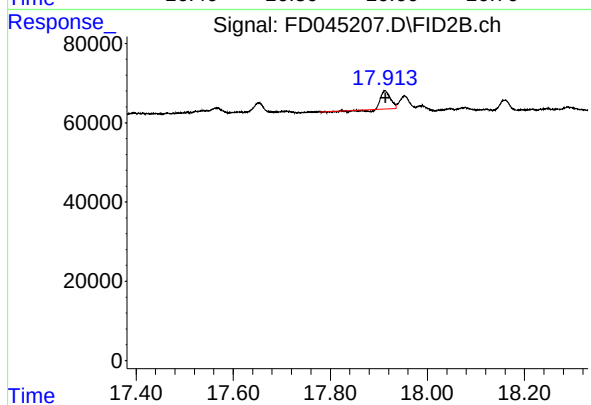
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.181 min
Delta R.T.: -0.035 min
Response: 21195
Conc: 0.17 ug/ml



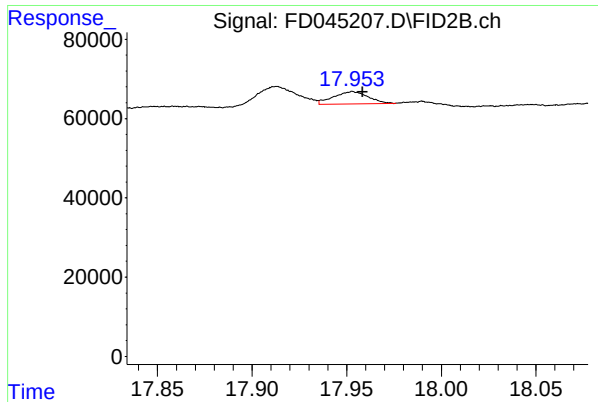
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: -0.004 min
Response: 49442
Conc: 0.39 ug/ml



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

R.T.: 17.913 min
Delta R.T.: -0.001 min
Response: 53227
Conc: 0.44 ug/ml



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

R.T.: 17.953 min

Delta R.T.: -0.005 min

Response: 39450

Conc: 0.33 ug/ml

Instrument :

FID_D

ClientSampleId :