

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030923AR\
 Data File : FD045263.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 08:11
 Operator : YP/AJ
 Sample : 01830-06
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 09:46:43 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...	7.553	8442494	62.211 ug/ml
Spiked Amount 50.000		Recovery =	124.42%
6) S 2-Fluorobiphenyl (SURR)	8.409	5326458	59.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.98%
11) S ortho-Terphenyl (SURR)	11.448	5362373	32.215 ug/ml
Spiked Amount 50.000		Recovery =	64.43%
Target Compounds			
9) T Phenanthrene (C19.36)	10.672	67361	0.472 ug/ml
12) T Fluoranthene (C21.85)	12.477	214153	1.533 ug/ml
13) T Pyrene (C20.8)	12.772	171576	1.260 ug/ml
14) T Benzo[a]anthracene (C...	14.635	89821	0.705 ug/ml
15) T Chrysene (C27.41)	14.677	113624	0.872 ug/ml
16) T benzo[b]fluoranthene ...	16.178	129556	1.005 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	61417	0.487 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	104167	0.828 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	94383	0.789 ug/ml
20) T Dibenz[a,h]anthracene...	17.910	94383	0.782 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	106632	0.857 ug/ml

(f)=RT Delta > 1/2 Window

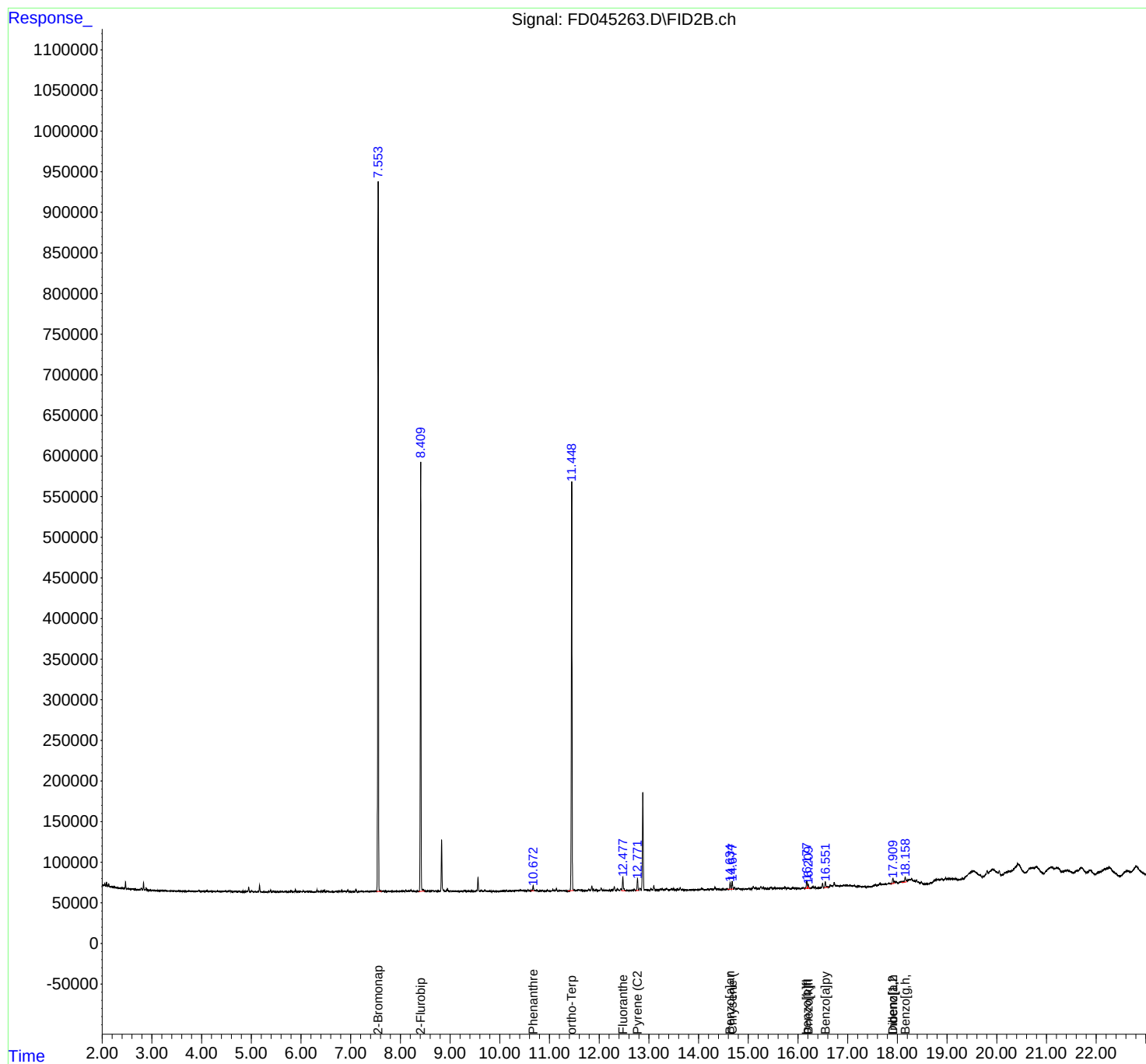
(m)=manual int.

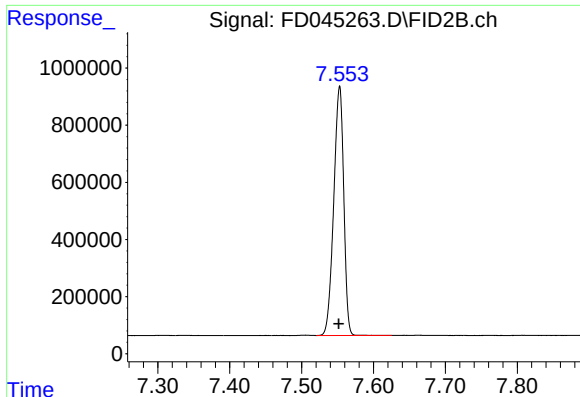
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Signal Info : 20M x 0.18mm x 0.18µm

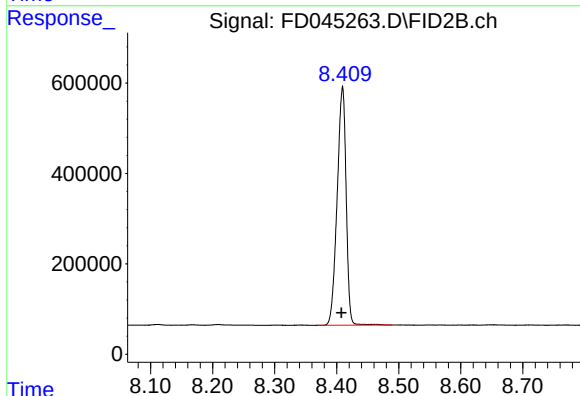




#4 2-Bromonaphthalene (SURRE)

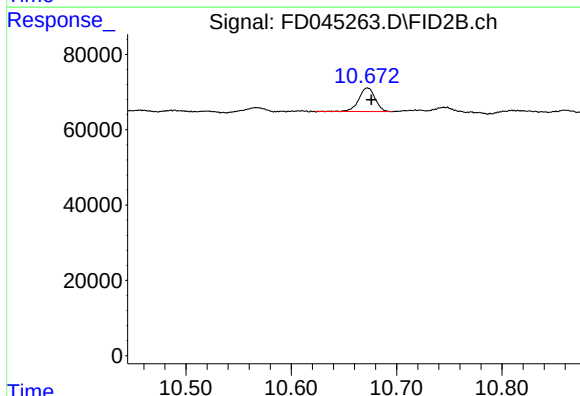
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 8442494
Conc: 62.21 ug/ml

Instrument :
FID_D
ClientSampleId :



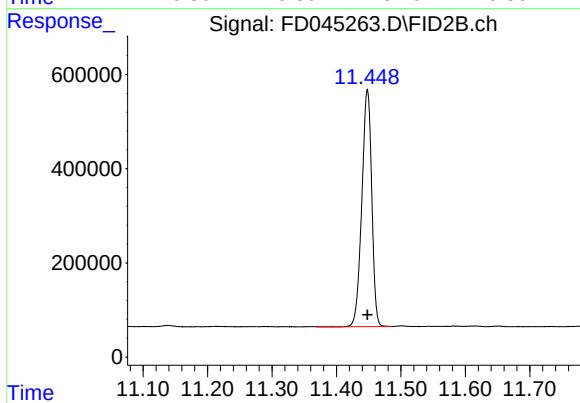
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 5326458
Conc: 59.49 ug/ml



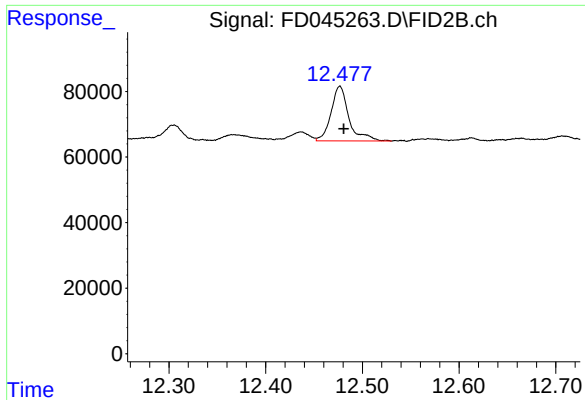
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.004 min
Response: 67361
Conc: 0.47 ug/ml



#11 ortho-Terphenyl (SURRE)

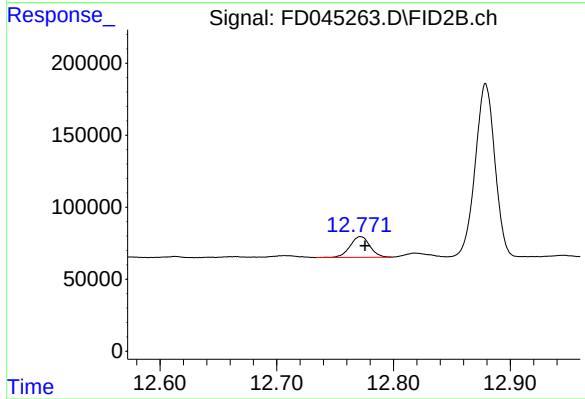
R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 5362373
Conc: 32.22 ug/ml



#12 Fluoranthene (C21.85)

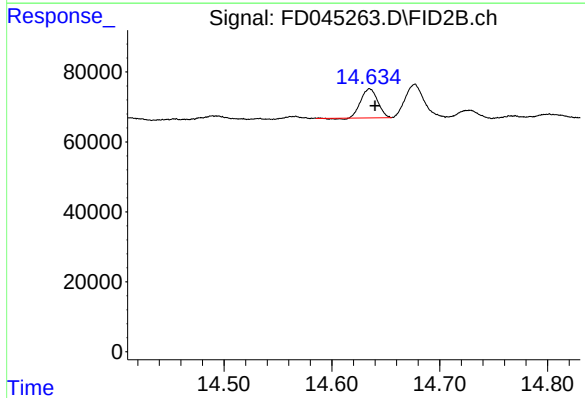
R.T.: 12.477 min
Delta R.T.: -0.004 min
Response: 214153
Conc: 1.53 ug/ml

Instrument :
FID_D
ClientSampleId :



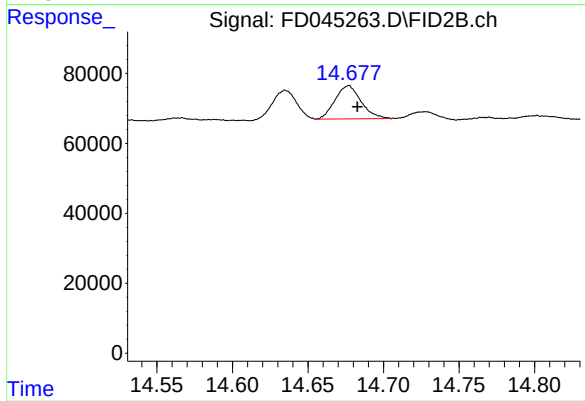
#13 Pyrene (C20.8)

R.T.: 12.772 min
Delta R.T.: -0.004 min
Response: 171576
Conc: 1.26 ug/ml



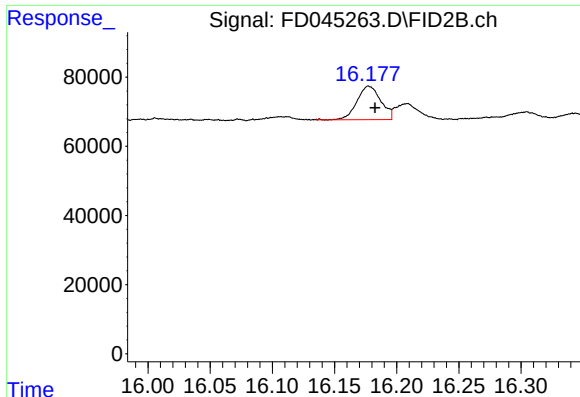
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: -0.005 min
Response: 89821
Conc: 0.70 ug/ml



#15 Chrysene (C27.41)

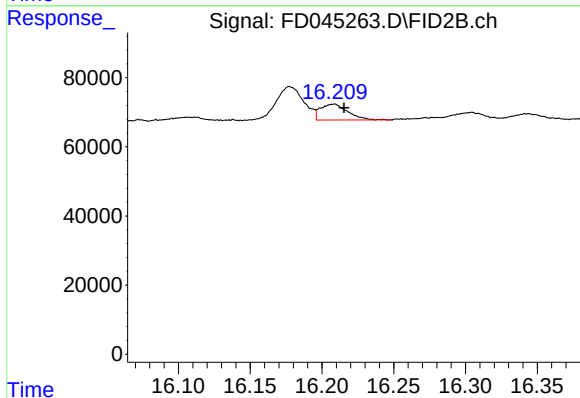
R.T.: 14.677 min
Delta R.T.: -0.006 min
Response: 113624
Conc: 0.87 ug/ml



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

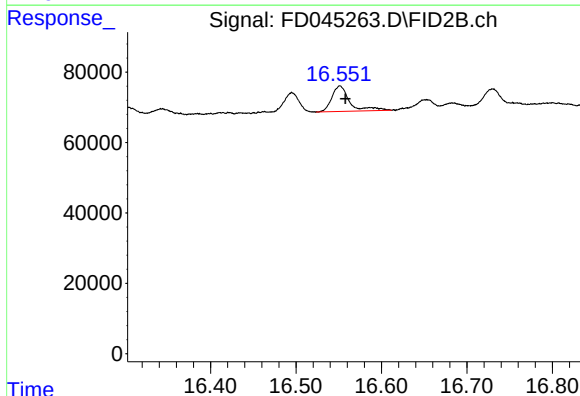
R.T.: 16.178 min
Delta R.T.: -0.005 min
Response: 129556
Conc: 1.00 ug/ml

Instrument :
FID_D
ClientSampleId :



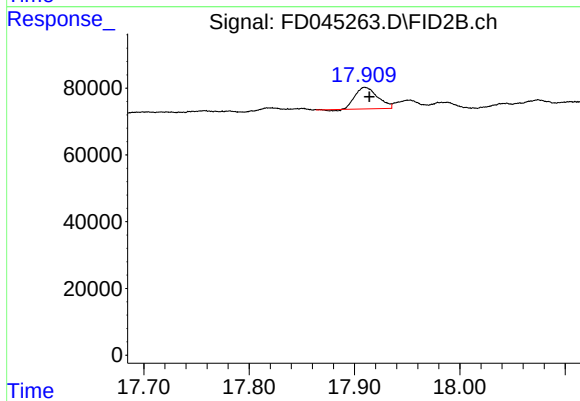
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 61417
Conc: 0.49 ug/ml



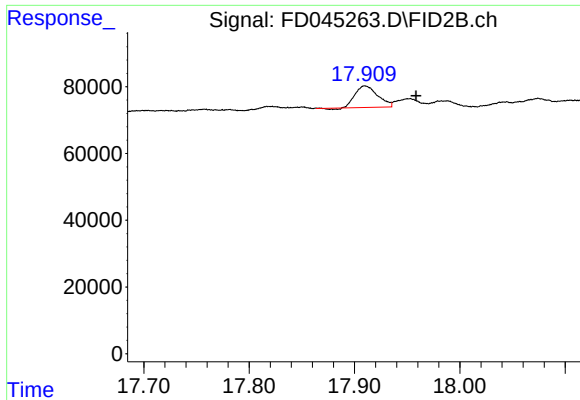
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: -0.006 min
Response: 104167
Conc: 0.83 ug/ml



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

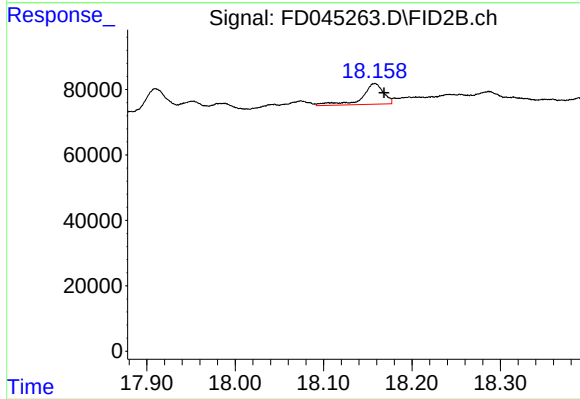
R.T.: 17.910 min
Delta R.T.: -0.004 min
Response: 94383
Conc: 0.79 ug/ml



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

R.T.: 17.910 min
Delta R.T.: -0.048 min
Response: 94383
Conc: 0.78 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.158 min
Delta R.T.: -0.010 min
Response: 106632
Conc: 0.86 ug/ml