

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046080.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 08:41
 Operator : YP/AJ
 Sample : PB154081BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 05:37:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.512	8519359	39.533 ug/ml
Spiked Amount 50.000		Recovery =	79.07%
6) S 2-Fluorobiphenyl (SURR)	8.365	3718082	26.864 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.73%
11) S ortho-Terphenyl (SURR)	11.410	12826037	50.592 ug/ml
Spiked Amount 50.000		Recovery =	101.18%
Target Compounds			
9) T Phenanthrene (C19.36)	10.629	179279	0.840 ug/ml
10) T Anthracene (C19.43)	10.704	116557	0.734 ug/ml
12) T Fluoranthene (C21.85)	12.432	327509	1.600 ug/ml
13) T Pyrene (C20.8)	12.726	361647	1.860 ug/ml
14) T Benzo[a]anthracene (C...	14.589	302704	1.683 ug/ml
15) T Chrysene (C27.41)	14.631	439467	2.239 ug/ml
16) T benzo[b]fluoranthene ...	16.160	456960	2.436 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	456960	2.310 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	286632	1.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	357625	1.922 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	317415	1.726 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	373525	1.999 ug/ml

(f)=RT Delta > 1/2 Window

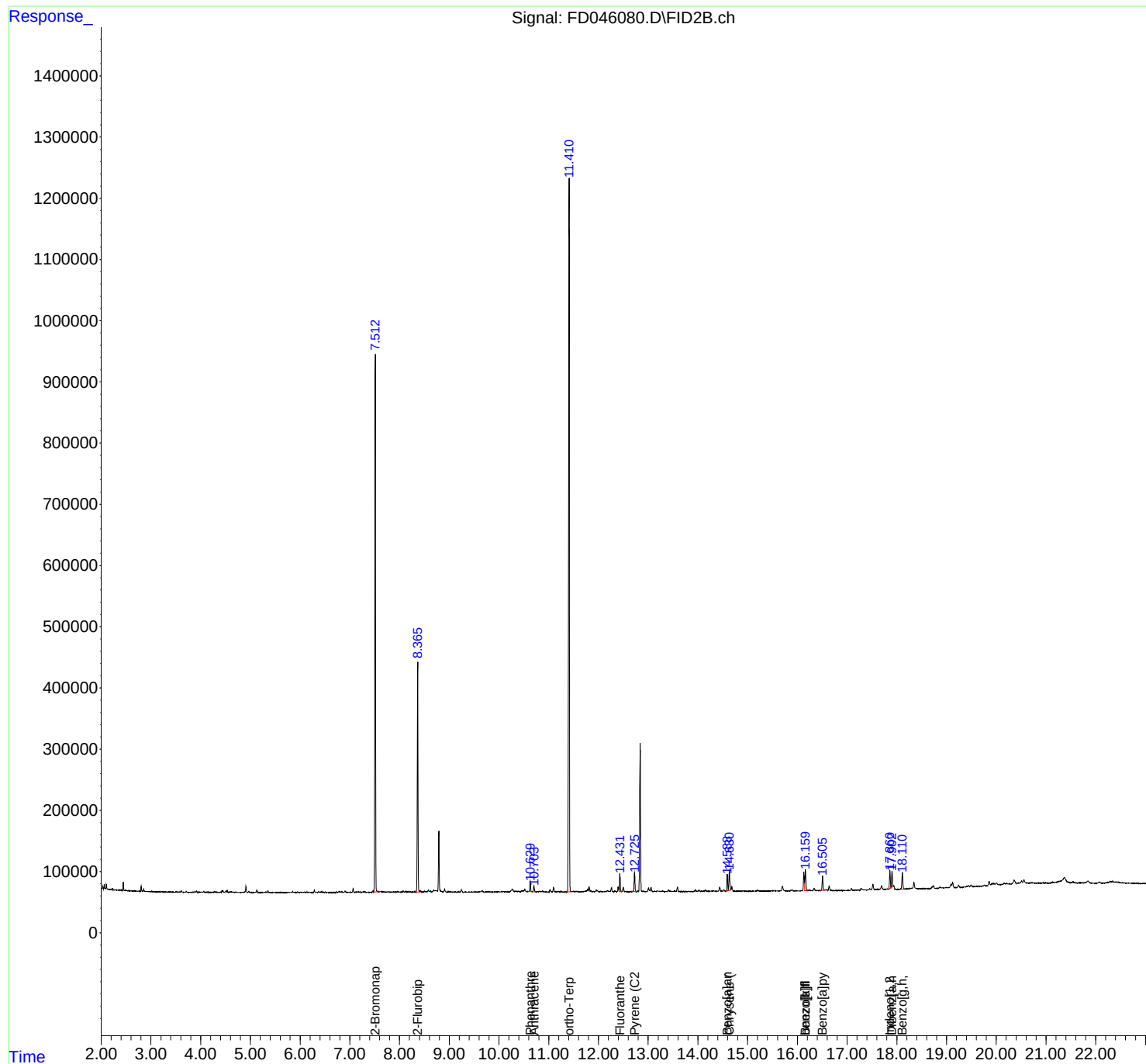
(m)=manual int.

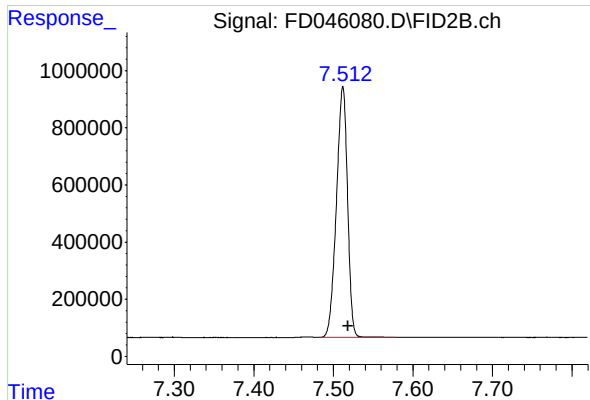
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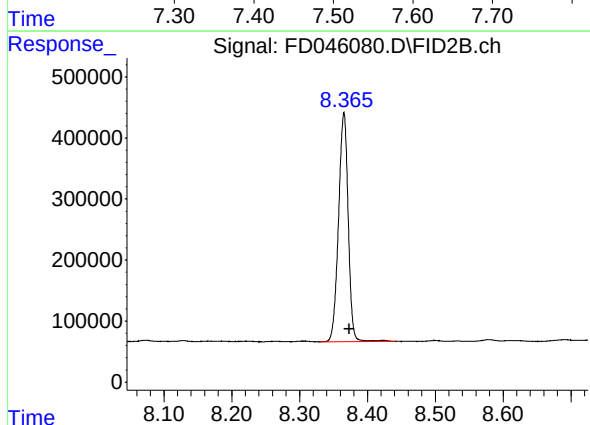




#4 2-Bromonaphthalene (SURR)

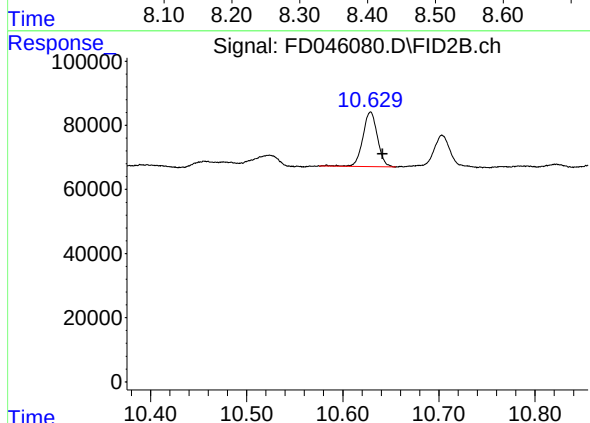
R.T.: 7.512 min
Delta R.T.: -0.007 min
Response: 8519359
Conc: 39.53 ug/ml

Instrument :
FID_D
ClientSampleId :



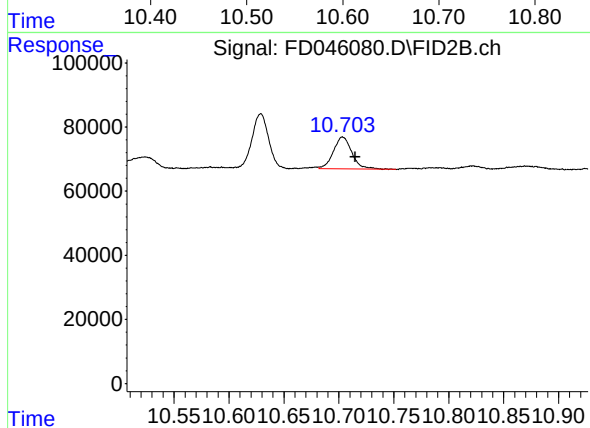
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.365 min
Delta R.T.: -0.008 min
Response: 3718082
Conc: 26.86 ug/ml



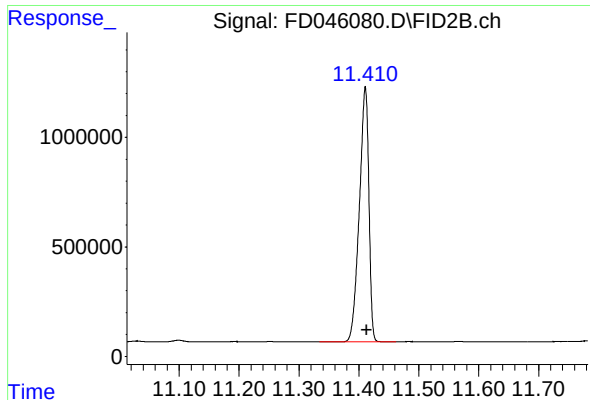
#9 Phenanthrene (C19.36)

R.T.: 10.629 min
Delta R.T.: -0.013 min
Response: 179279
Conc: 0.84 ug/ml



#10 Anthracene (C19.43)

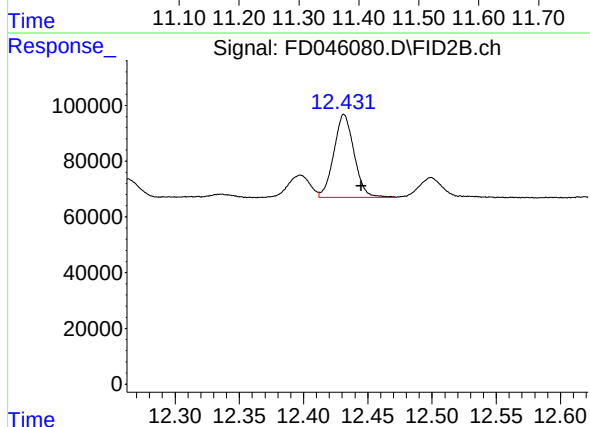
R.T.: 10.704 min
Delta R.T.: -0.011 min
Response: 116557
Conc: 0.73 ug/ml



#11 ortho-Terphenyl (SURR)

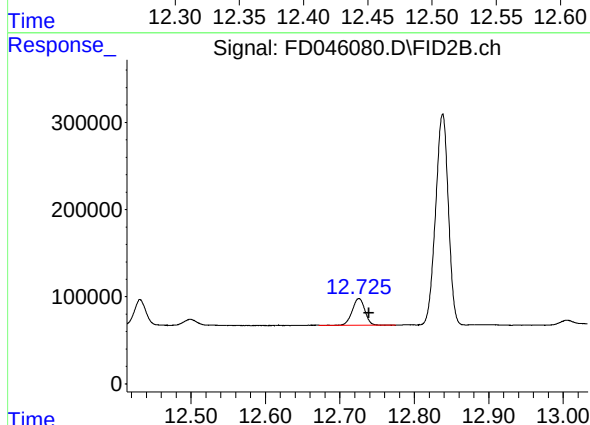
R.T.: 11.410 min
Delta R.T.: -0.003 min
Response: 12826037
Conc: 50.59 ug/ml

Instrument :
FID_D
ClientSampleId :



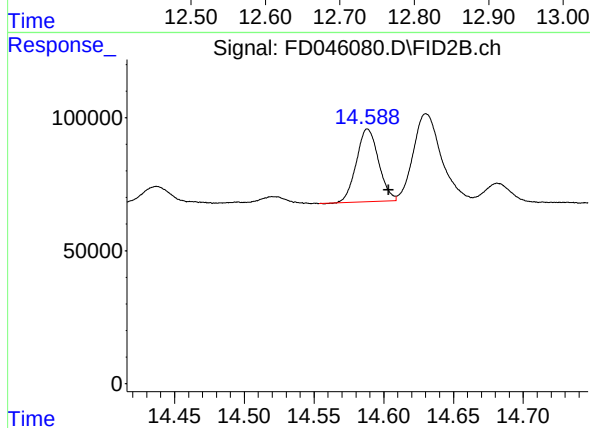
#12 Fluoranthene (C21.85)

R.T.: 12.432 min
Delta R.T.: -0.013 min
Response: 327509
Conc: 1.60 ug/ml



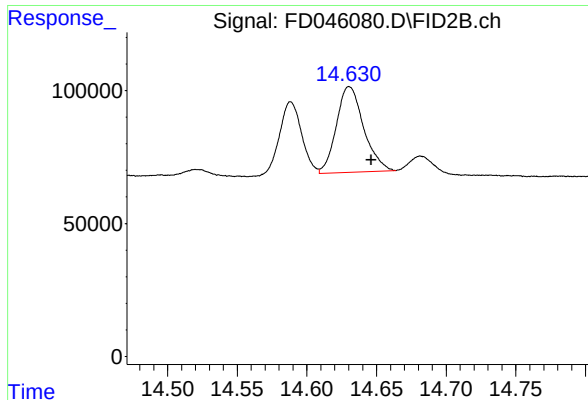
#13 Pyrene (C20.8)

R.T.: 12.726 min
Delta R.T.: -0.014 min
Response: 361647
Conc: 1.86 ug/ml



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

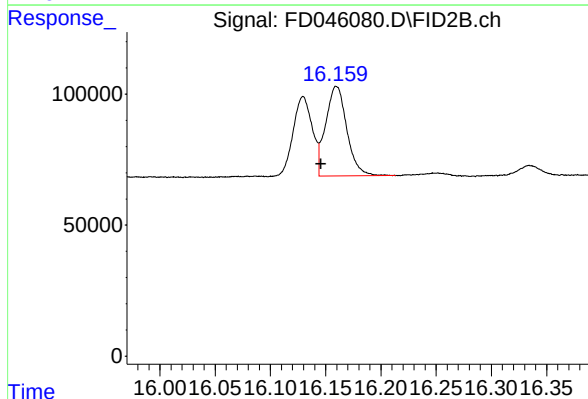
R.T.: 14.589 min
Delta R.T.: -0.015 min
Response: 302704
Conc: 1.68 ug/ml



#15 Chrysene (C27.41)

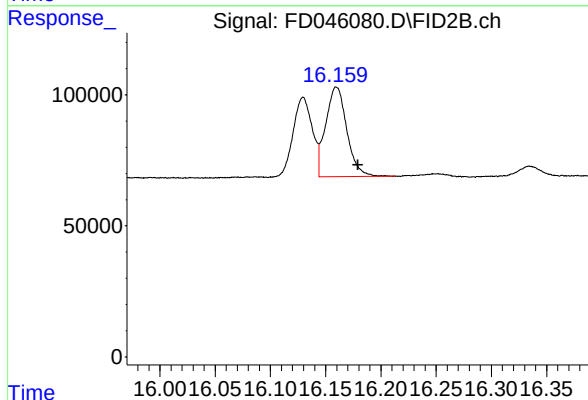
R.T.: 14.631 min
Delta R.T.: -0.016 min
Response: 439467
Conc: 2.24 ug/ml

Instrument :
FID_D
ClientSampleId :



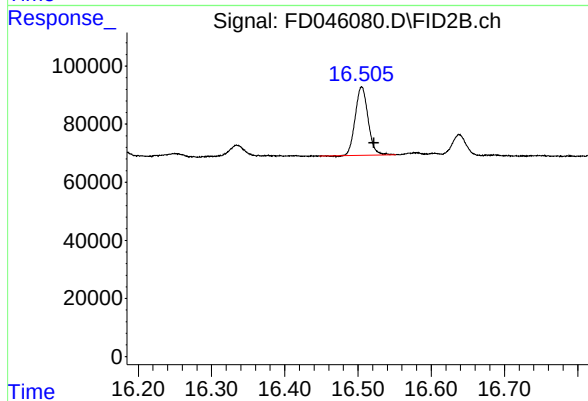
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.160 min
Delta R.T.: 0.014 min
Response: 456960
Conc: 2.44 ug/ml



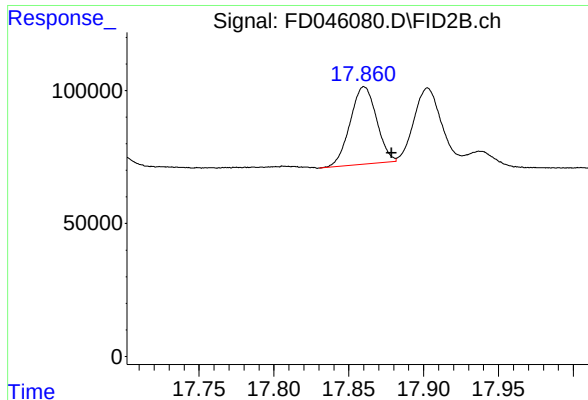
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.160 min
Delta R.T.: -0.020 min
Response: 456960
Conc: 2.31 ug/ml



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

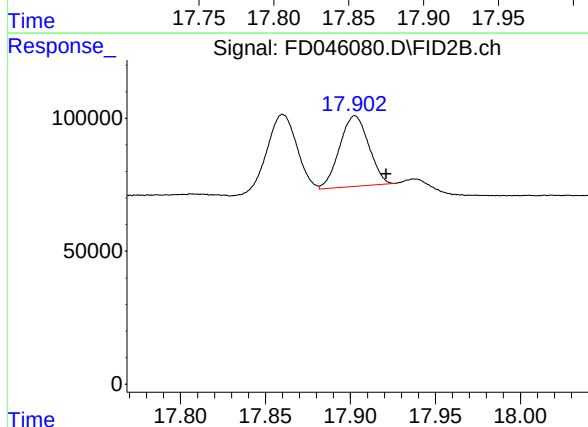
R.T.: 16.505 min
Delta R.T.: -0.017 min
Response: 286632
Conc: 1.65 ug/ml



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

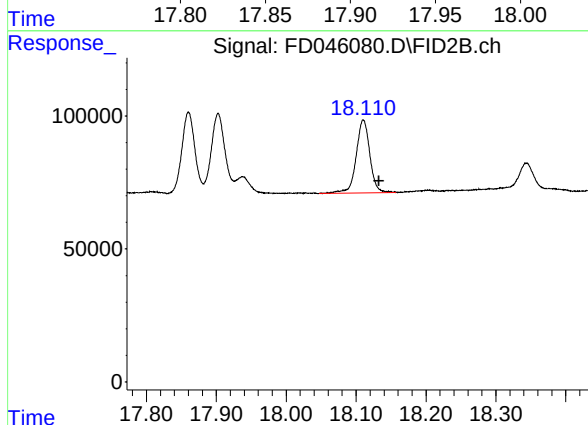
R.T.: 17.860 min
Delta R.T.: -0.018 min
Response: 357625
Conc: 1.92 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.903 min
Delta R.T.: -0.018 min
Response: 317415
Conc: 1.73 ug/ml



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

R.T.: 18.110 min
Delta R.T.: -0.022 min
Response: 373525
Conc: 2.00 ug/ml