

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045587.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 15:13
 Operator : YP/AJ
 Sample : PB152571BL
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:36:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.545	6619517	45.786 ug/ml
Spiked Amount 50.000		Recovery =	91.57%
6) S 2-Fluorobiphenyl (SURR)	8.399	2613667	28.029 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.06%
11) S ortho-Terphenyl (SURR)	11.443	9370269	52.357 ug/ml
Spiked Amount 50.000		Recovery =	104.71%
Target Compounds			
14) T Benzo[a]anthracene (C...	14.626	40254	0.307 ug/ml
15) T Chrysene (C27.41)	14.670	76187	0.558 ug/ml
16) T benzo[b]fluoranthene ...	16.166	62872	0.471 ug/ml
17) T Bnezo[k]fluoranthene ...	16.196	113627	0.849 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.542	93721	0.732 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	284752	2.267 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	399981	2.936 ug/ml
21) T Benzo[g,h,i]perylene ...	18.146	197346	1.506 ug/ml

(f)=RT Delta > 1/2 Window

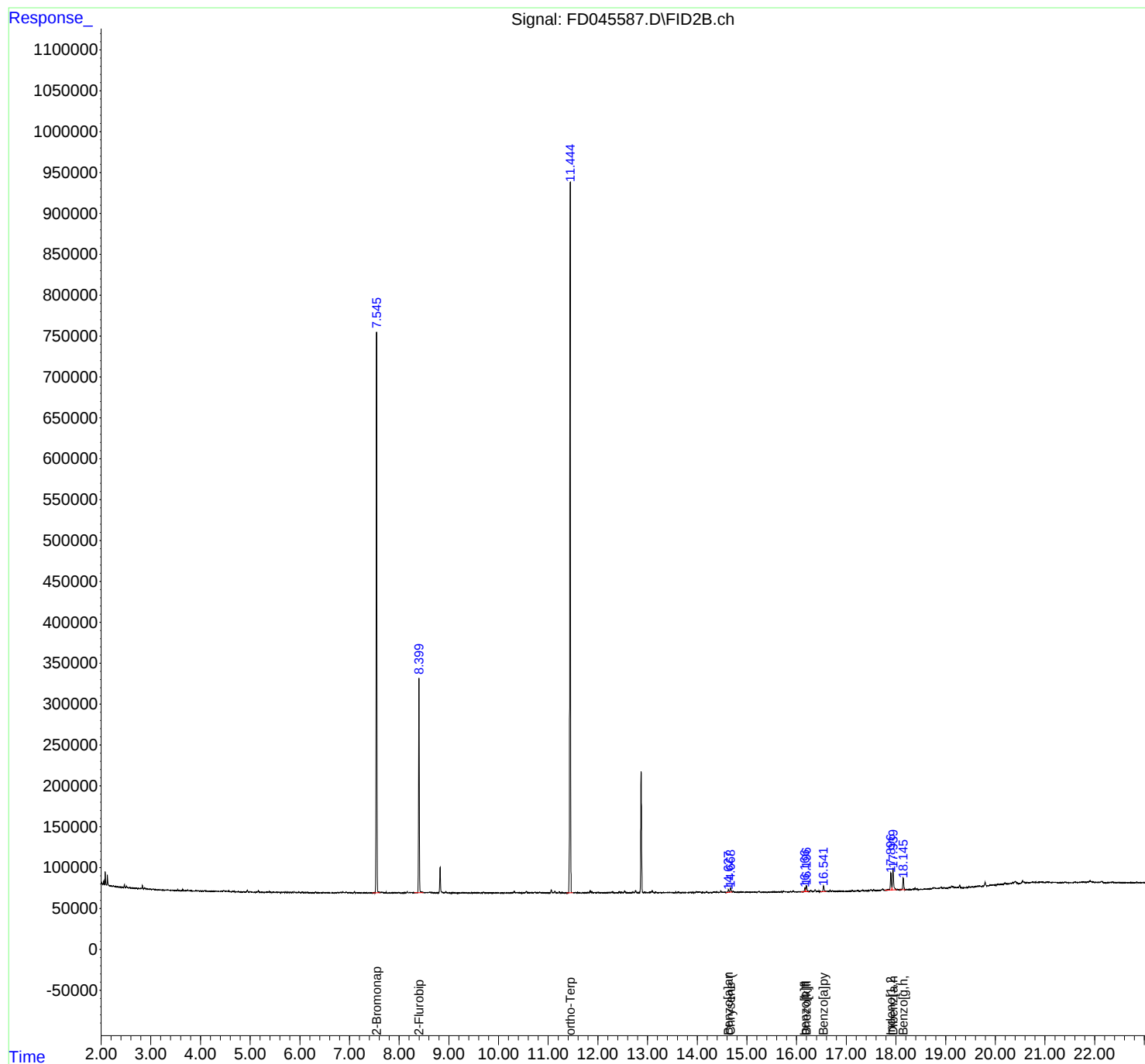
(m)=manual int.

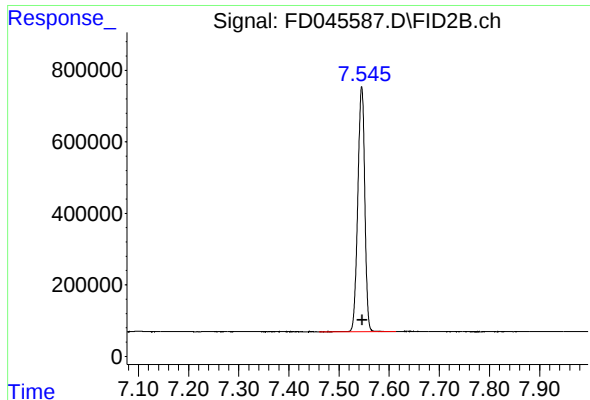
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Signal Info : 20M x 0.18mm x 0.18µm

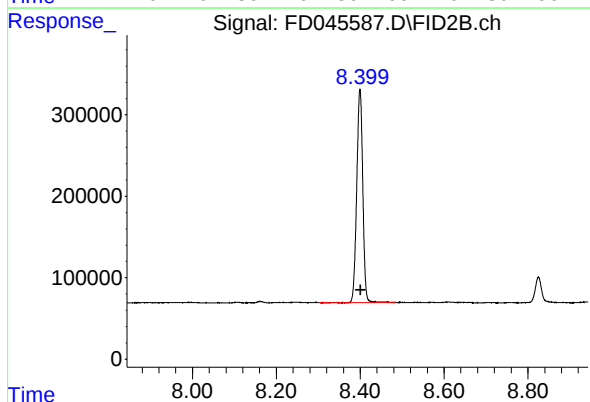




#4 2-Bromonaphthalene (SURR)

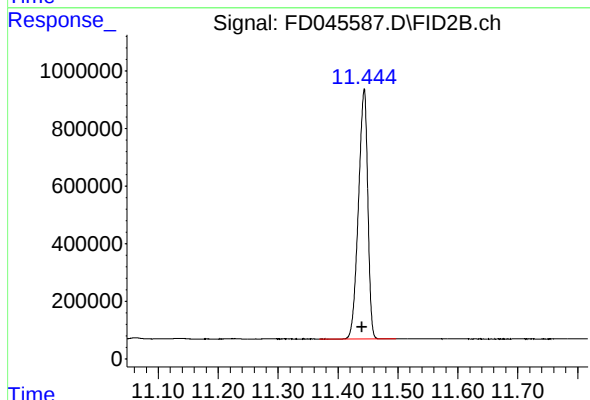
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 6619517
Conc: 45.79 ug/ml

Instrument :
FID_D
ClientSampleId :



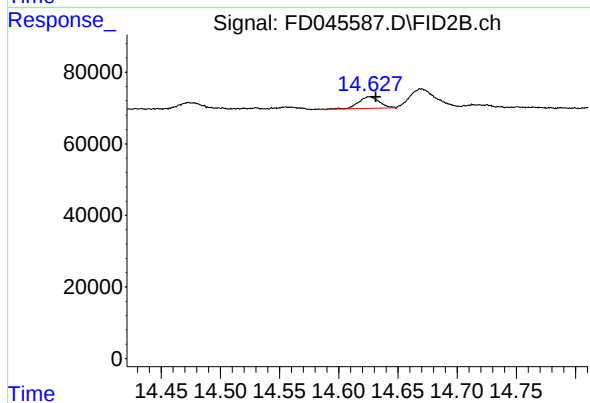
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.002 min
Response: 2613667
Conc: 28.03 ug/ml



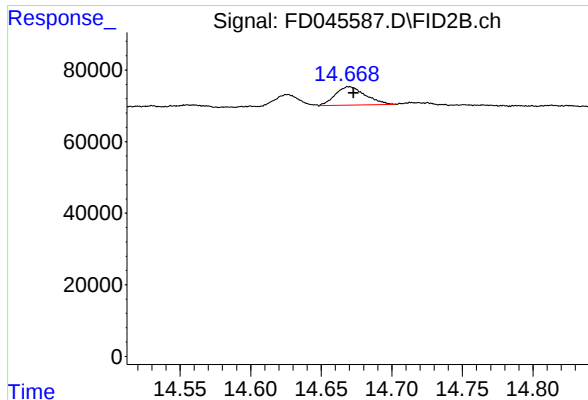
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: 0.003 min
Response: 9370269
Conc: 52.36 ug/ml



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

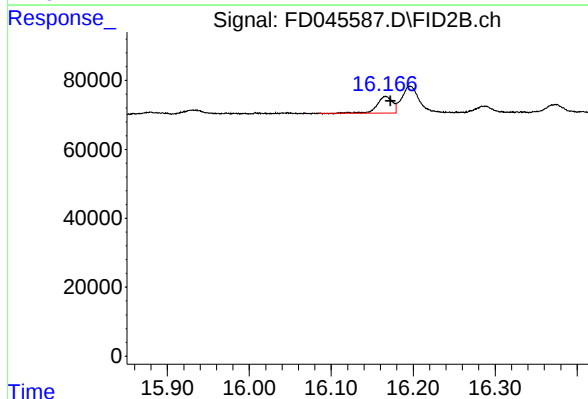
R.T.: 14.626 min
Delta R.T.: -0.005 min
Response: 40254
Conc: 0.31 ug/ml



#15 Chrysene (C27.41)

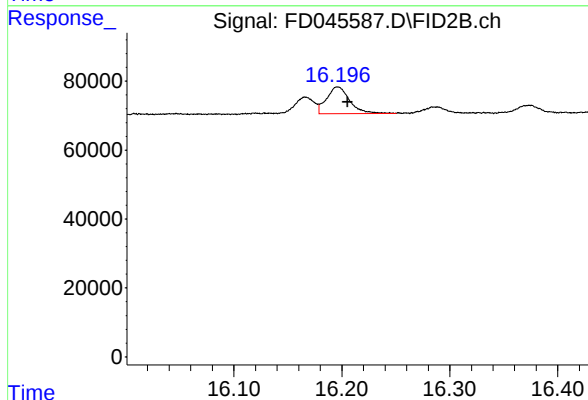
R.T.: 14.670 min
Delta R.T.: -0.003 min
Response: 76187
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



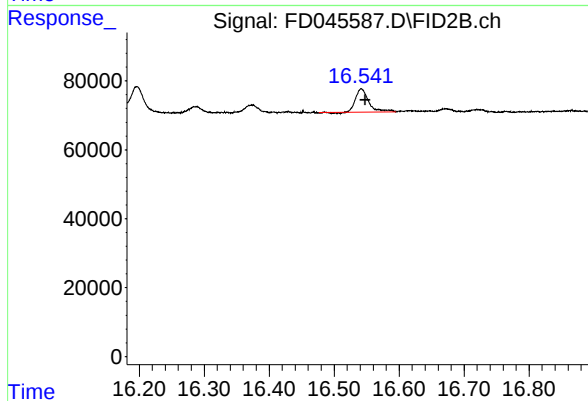
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.166 min
Delta R.T.: -0.006 min
Response: 62872
Conc: 0.47 ug/ml



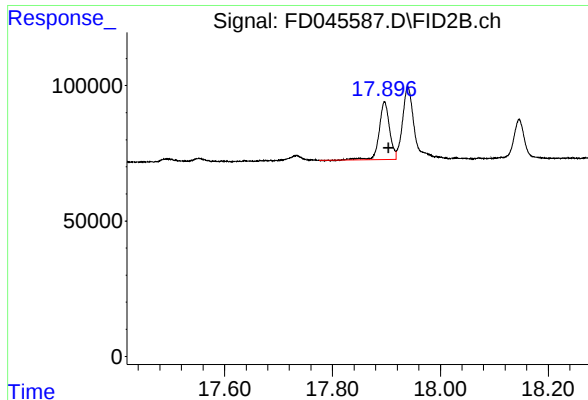
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.196 min
Delta R.T.: -0.009 min
Response: 113627
Conc: 0.85 ug/ml



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

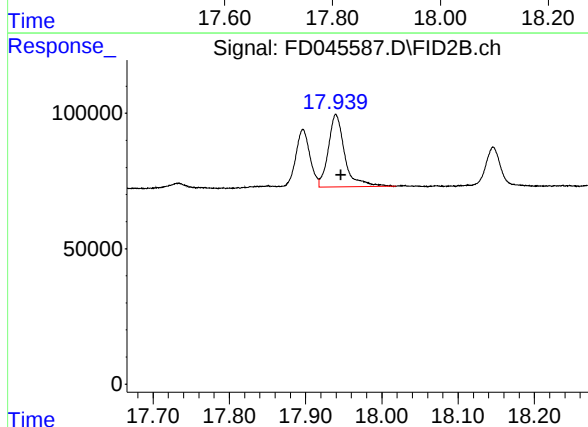
R.T.: 16.542 min
Delta R.T.: -0.006 min
Response: 93721
Conc: 0.73 ug/ml



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

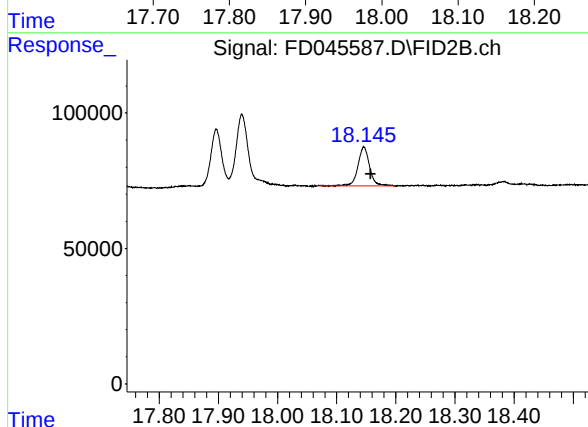
R.T.: 17.897 min
Delta R.T.: -0.007 min
Response: 284752
Conc: 2.27 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.940 min
Delta R.T.: -0.006 min
Response: 399981
Conc: 2.94 ug/ml



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

R.T.: 18.146 min
Delta R.T.: -0.011 min
Response: 197346
Conc: 1.51 ug/ml