

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045570.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 19:31
 Operator : YP/AJ
 Sample : 02567-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 04 04:08:41 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...	7.546	6283845	43.464 ug/ml
Spiked Amount 50.000		Recovery =	86.93%
6) S 2-Fluorobiphenyl (SURR)	8.401	3919215	42.029 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.06%
11) S ortho-Terphenyl (SURR)	11.440	4117004	23.004 ug/ml
Spiked Amount 50.000		Recovery =	46.01%
Target Compounds			
14) T Benzo[a]anthracene (C...	14.628	50417	0.385 ug/ml
15) T Chrysene (C27.41)	14.669	54367	0.398 ug/ml
16) T benzo[b]fluoranthene ...	16.168	76724	0.575 ug/ml
17) T Bnezo[k]fluoranthene ...	16.199	113199	0.846 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	113843	0.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	296895	2.363 ug/ml
20) T Dibenz[a,h]anthracene...	17.941	537524	3.946 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	208189	1.589 ug/ml

(f)=RT Delta > 1/2 Window

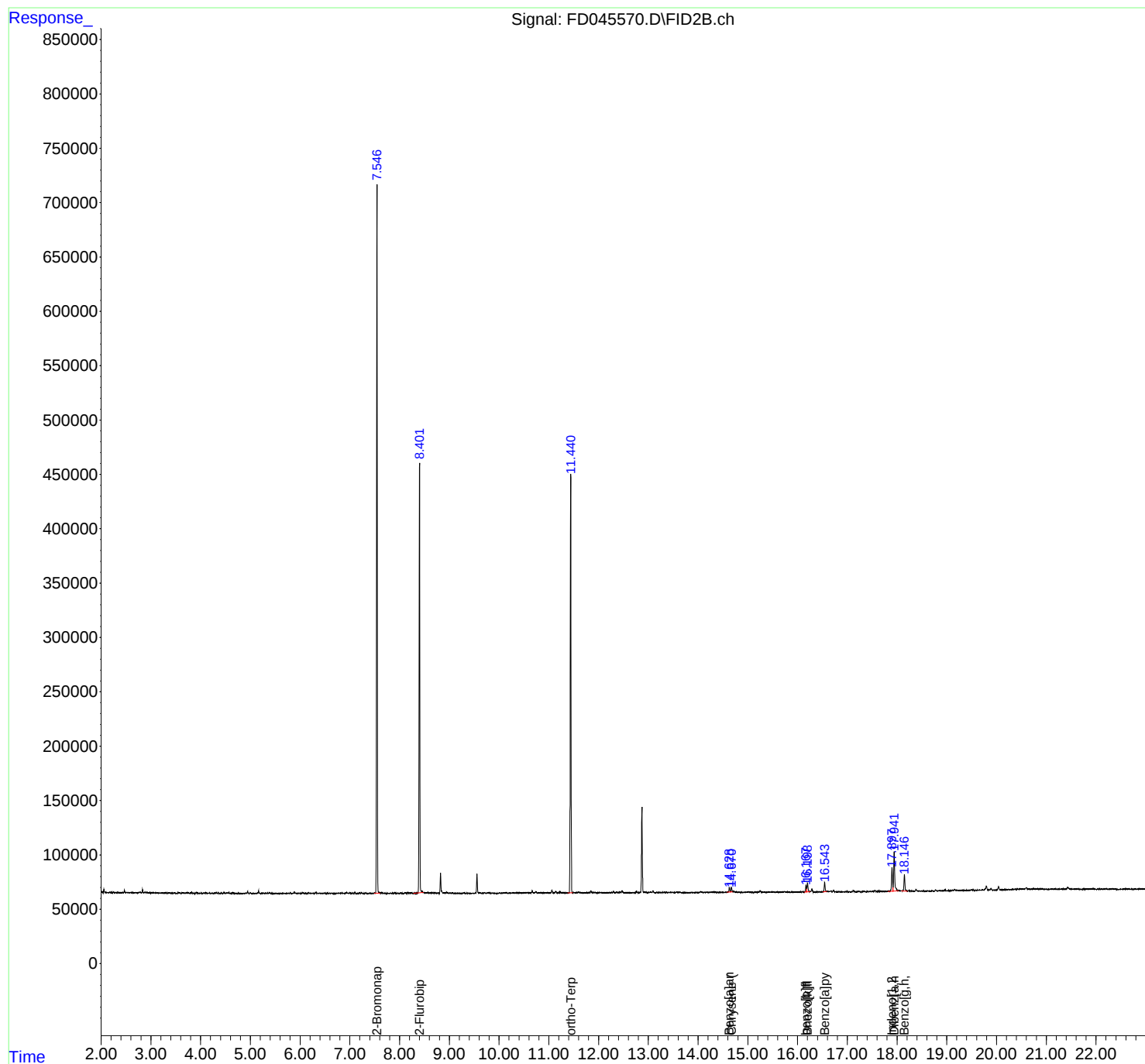
(m)=manual int.

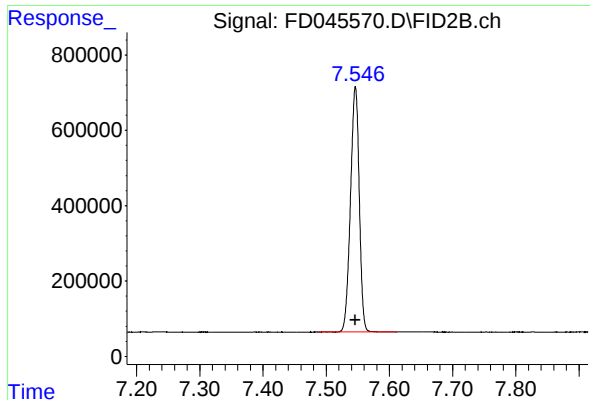
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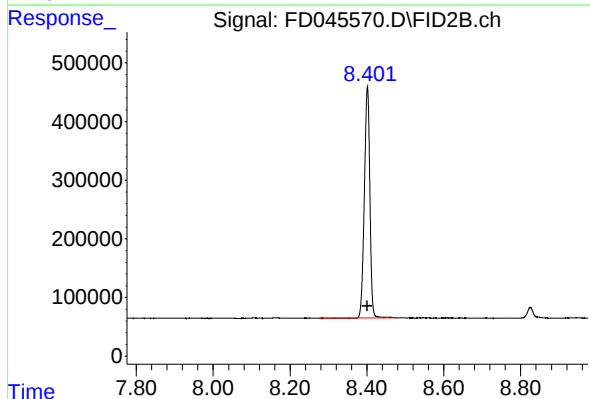




#4 2-Bromonaphthalene (SURR)

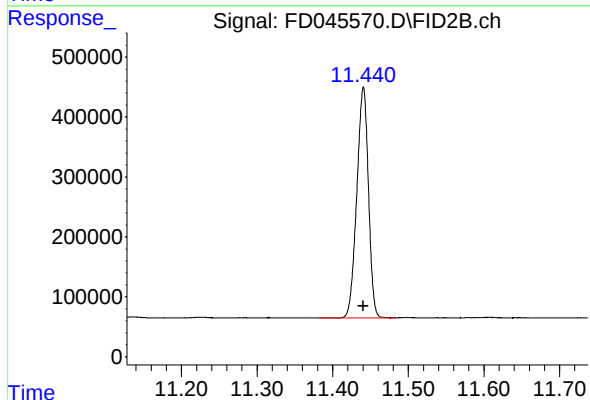
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 6283845
Conc: 43.46 ug/ml

Instrument :
FID_D
ClientSampleId :



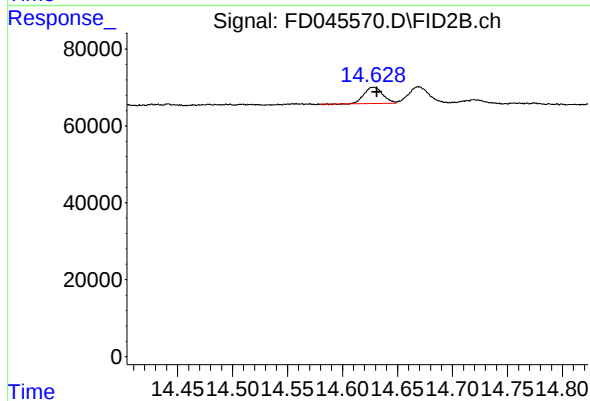
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 3919215
Conc: 42.03 ug/ml



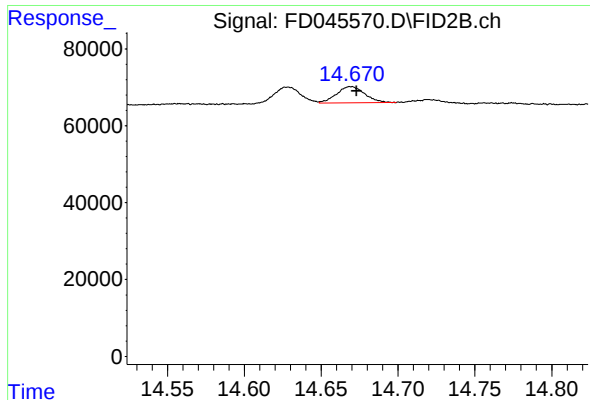
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 4117004
Conc: 23.00 ug/ml



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

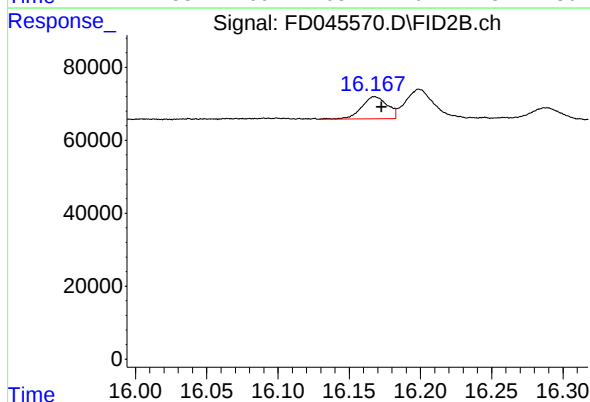
R.T.: 14.628 min
Delta R.T.: -0.003 min
Response: 50417
Conc: 0.38 ug/ml



#15 Chrysene (C27.41)

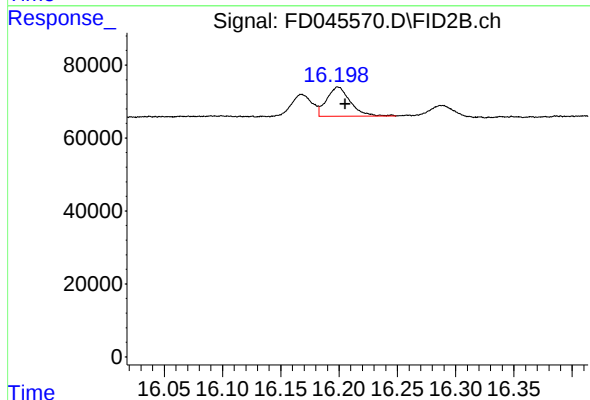
R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 54367
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



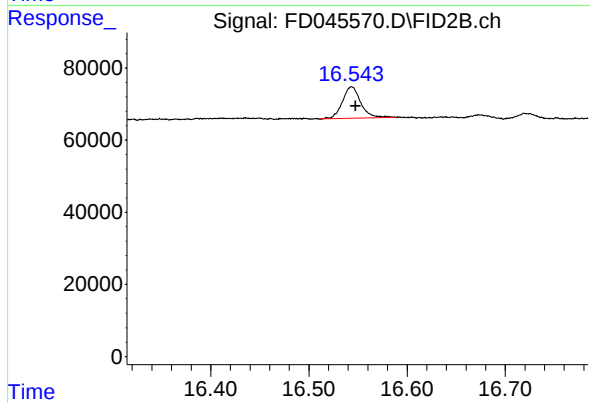
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.168 min
Delta R.T.: -0.005 min
Response: 76724
Conc: 0.57 ug/ml



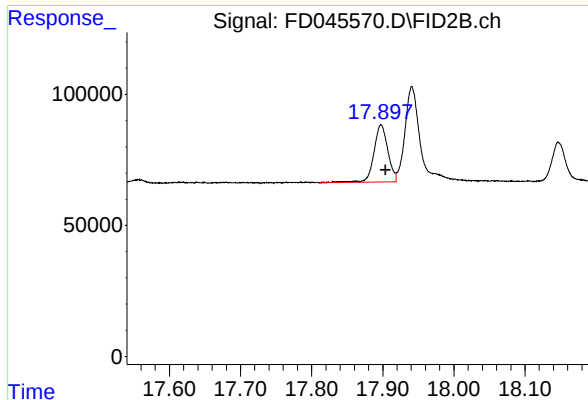
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.199 min
Delta R.T.: -0.006 min
Response: 113199
Conc: 0.85 ug/ml



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

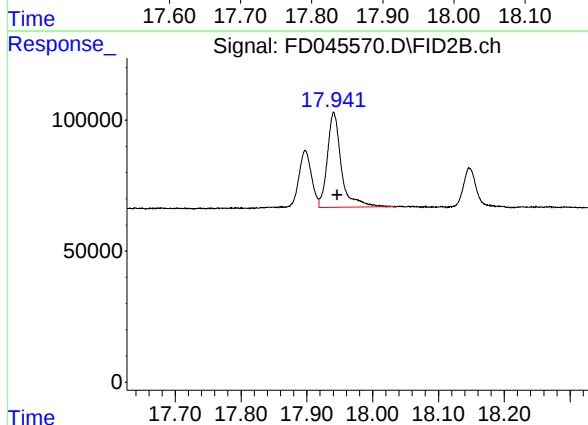
R.T.: 16.544 min
Delta R.T.: -0.004 min
Response: 113843
Conc: 0.89 ug/ml



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

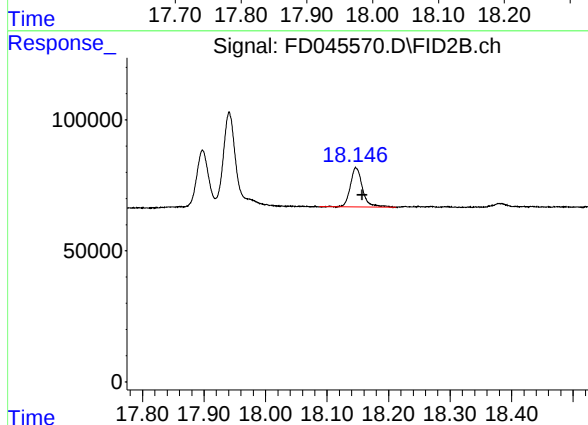
R.T.: 17.898 min
Delta R.T.: -0.006 min
Response: 296895
Conc: 2.36 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.941 min
Delta R.T.: -0.005 min
Response: 537524
Conc: 3.95 ug/ml



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

R.T.: 18.147 min
Delta R.T.: -0.010 min
Response: 208189
Conc: 1.59 ug/ml