

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045581.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 09:53
 Operator : YP/AJ
 Sample : PB152543BL
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:35:32 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...	7.547	7472639	51.686 ug/ml
Spiked Amount 50.000		Recovery =	103.37%
6) S 2-Fluorobiphenyl (SURR)	8.404	4773032	51.186 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.37%
11) S ortho-Terphenyl (SURR)	11.445	10311090	57.614 ug/ml
Spiked Amount 50.000		Recovery =	115.23%
Target Compounds			
14) T Benzo[a]anthracene (C...	14.672	69224	0.528 ug/ml
15) T Chrysene (C27.41)	14.672	69224	0.507 ug/ml
16) T benzo[b]fluoranthene ...	16.199	142215	1.065 ug/ml
17) T Bnezo[k]fluoranthene ...	16.199	142215	1.063 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	64066	0.501 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	193940	1.544 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	287882	2.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	113331	0.865 ug/ml

(f)=RT Delta > 1/2 Window

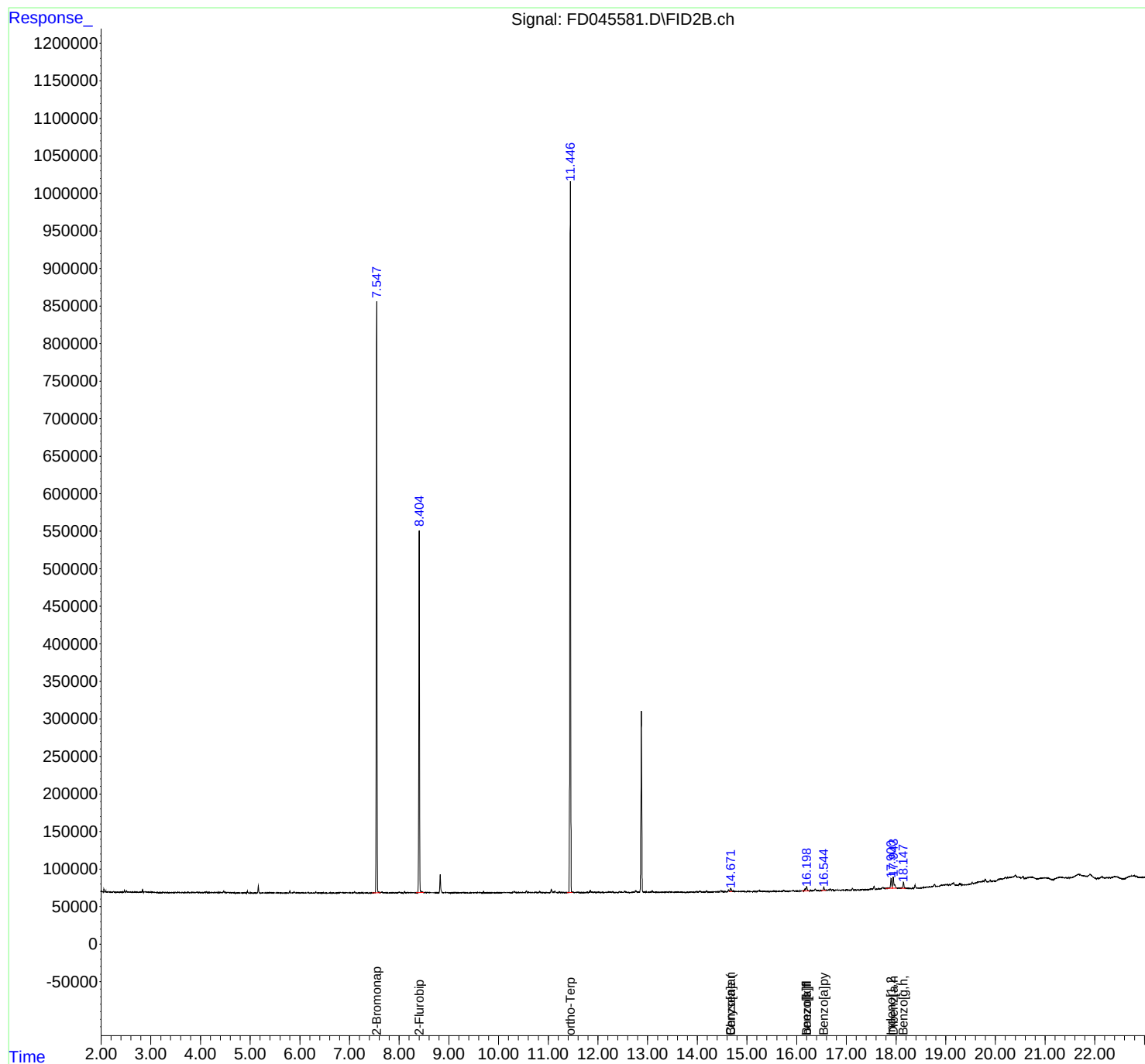
(m)=manual int.

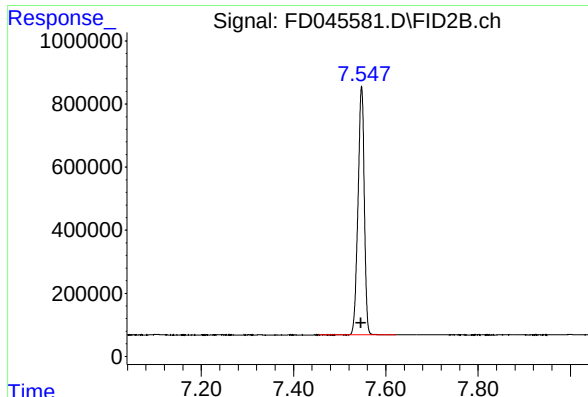
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Signal Info : 20M x 0.18mm x 0.18µm

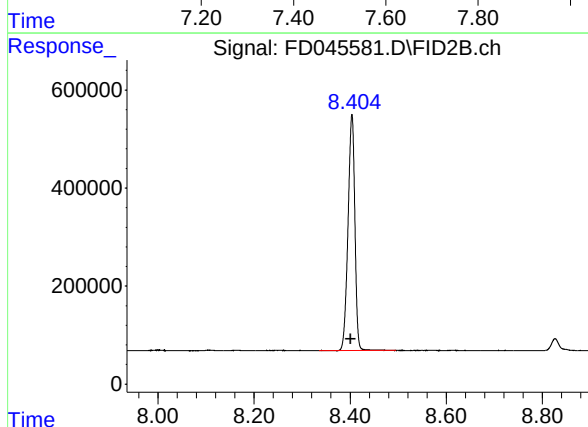




#4 2-Bromonaphthalene (SURR)

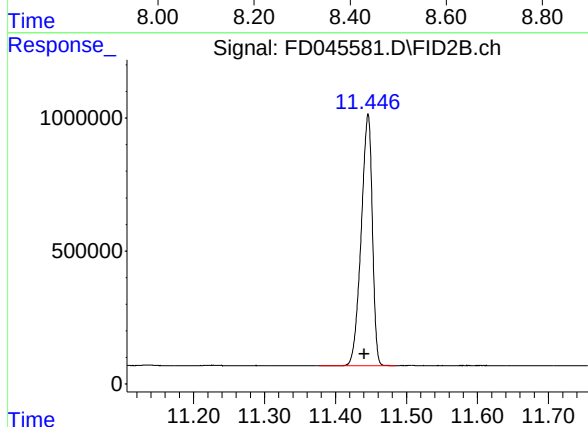
R.T.: 7.547 min
Delta R.T.: 0.001 min
Response: 7472639
Conc: 51.69 ug/ml

Instrument :
FID_D
ClientSampleId :



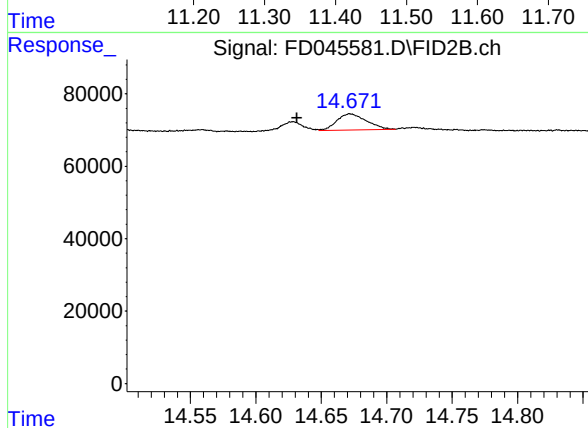
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.002 min
Response: 4773032
Conc: 51.19 ug/ml



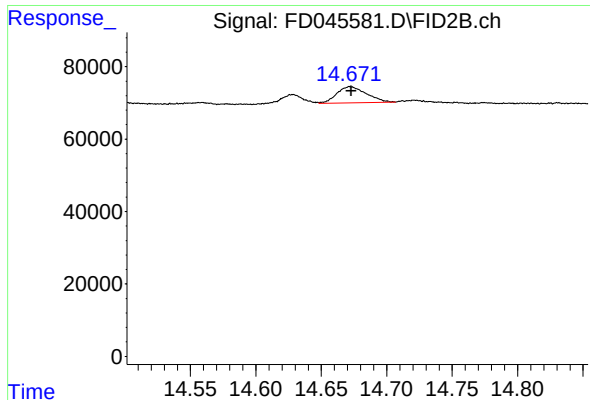
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: 0.005 min
Response: 10311090
Conc: 57.61 ug/ml



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

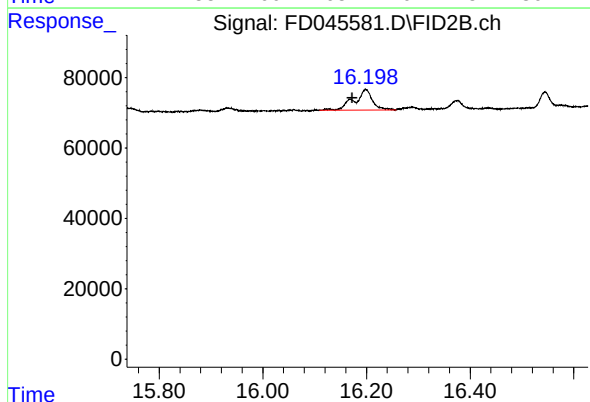
R.T.: 14.672 min
Delta R.T.: 0.041 min
Response: 69224
Conc: 0.53 ug/ml



#15 Chrysene (C27.41)

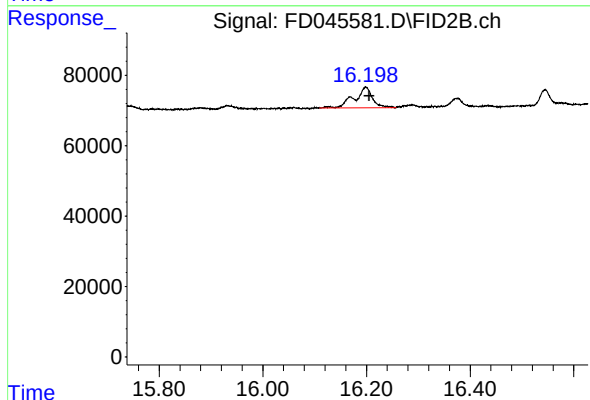
R.T.: 14.672 min
Delta R.T.: 0.000 min
Response: 69224
Conc: 0.51 ug/ml

Instrument :
FID_D
ClientSampleId :



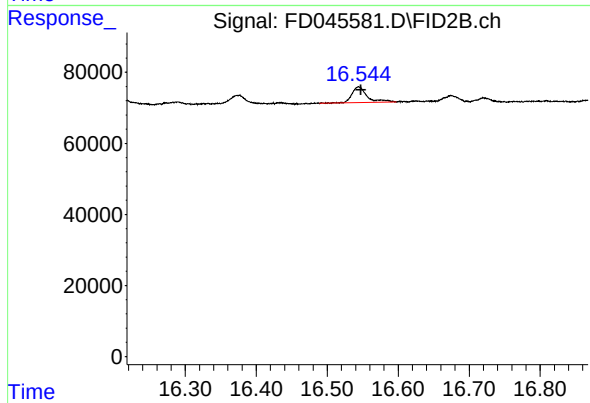
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.199 min
Delta R.T.: 0.026 min
Response: 142215
Conc: 1.07 ug/ml



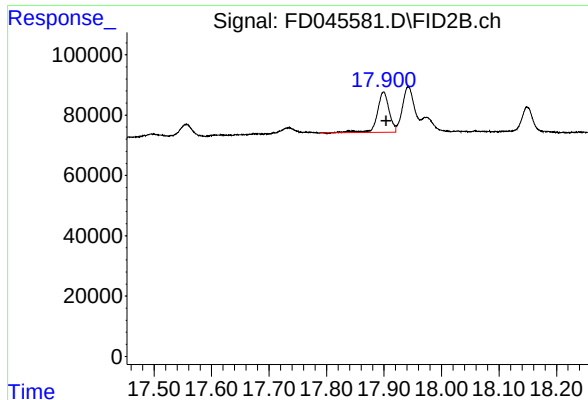
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.199 min
Delta R.T.: -0.007 min
Response: 142215
Conc: 1.06 ug/ml



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

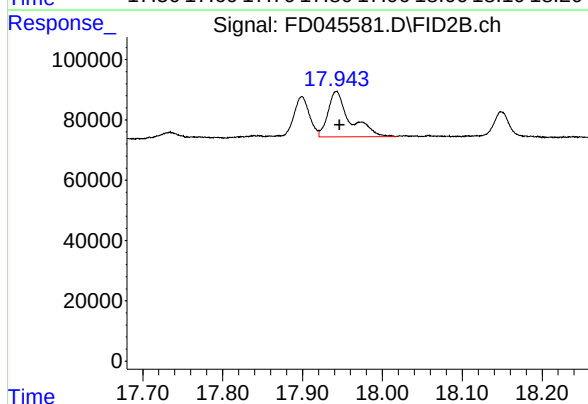
R.T.: 16.544 min
Delta R.T.: -0.003 min
Response: 64066
Conc: 0.50 ug/ml



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

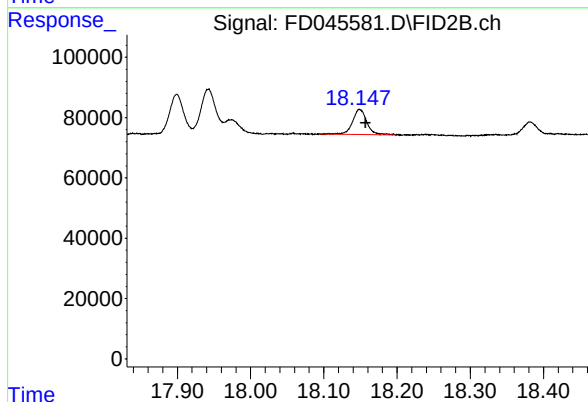
R.T.: 17.899 min
Delta R.T.: -0.005 min
Response: 193940
Conc: 1.54 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.942 min
Delta R.T.: -0.004 min
Response: 287882
Conc: 2.11 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.008 min
Response: 113331
Conc: 0.87 ug/ml