

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045332.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 16:07
 Operator : YP/AJ
 Sample : PB151653BL
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:28:03 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...	7.548	6237454	45.962 ug/ml
Spiked Amount 50.000		Recovery =	91.92%
6) S 2-Fluorobiphenyl (SURR)	8.404	3961151	44.242 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.48%
11) S ortho-Terphenyl (SURR)	11.447	9182964	55.168 ug/ml
Spiked Amount 50.000		Recovery =	110.34%
Target Compounds			
14) T Benzo[a]anthracene (C...	14.629	57652	0.452 ug/ml
15) T Chrysene (C27.41)	14.671	62722	0.481 ug/ml
16) T benzo[b]fluoranthene ...	16.171	56623	0.439 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	76717	0.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	56925	0.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	358327	2.995 ug/ml
20) T Dibenz[a,h]anthracene...	17.946	561336	4.654 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	307567	2.472 ug/ml

(f)=RT Delta > 1/2 Window

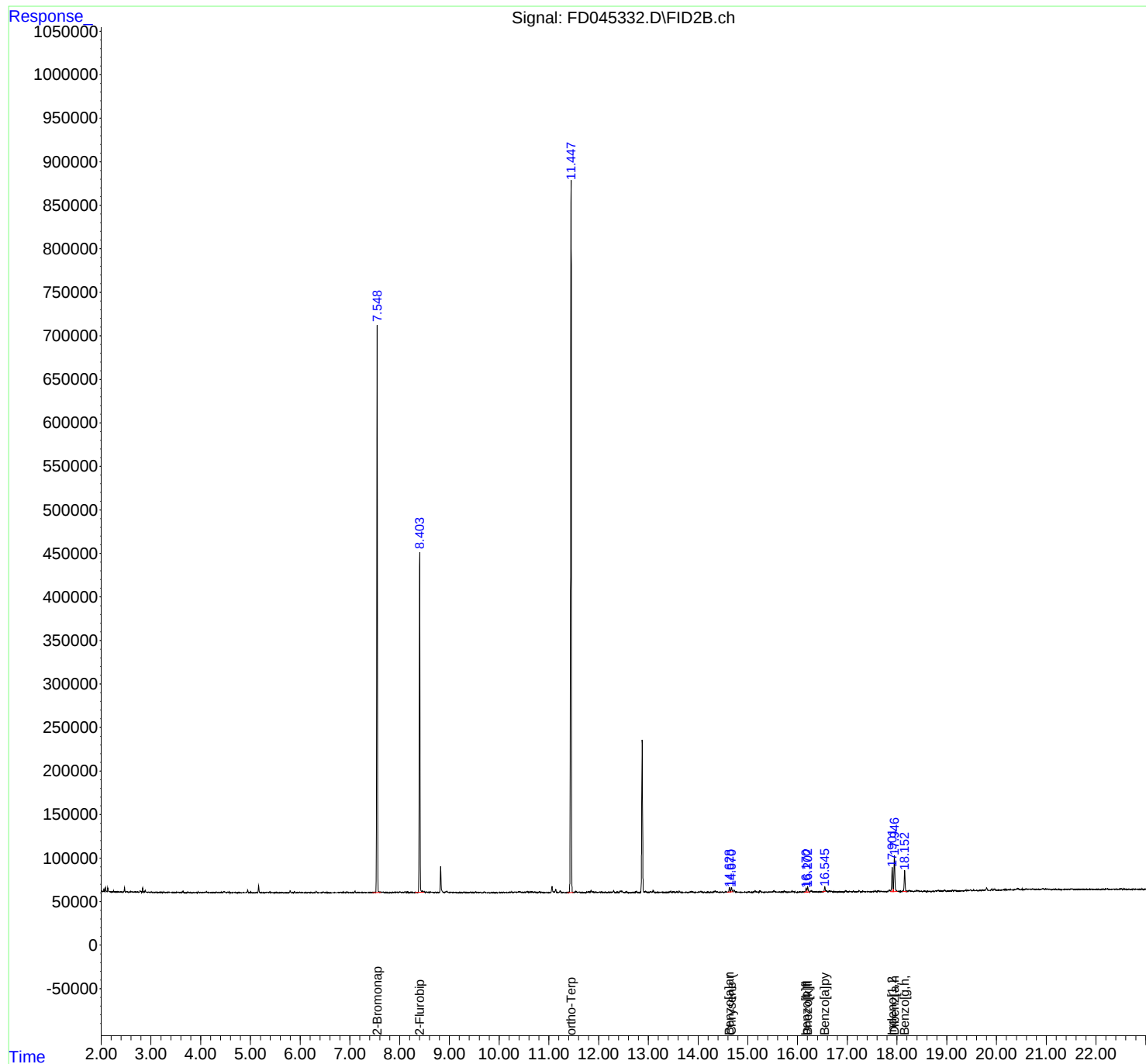
(m)=manual int.

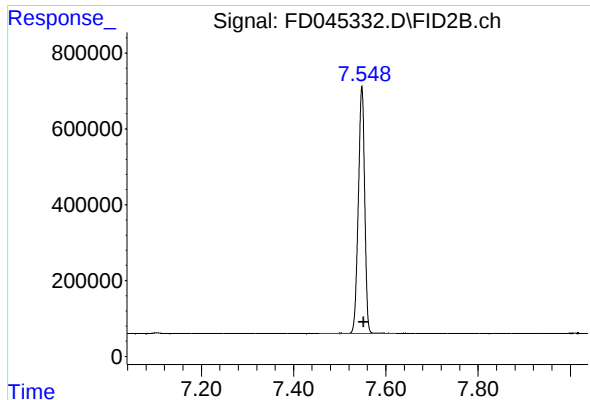
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

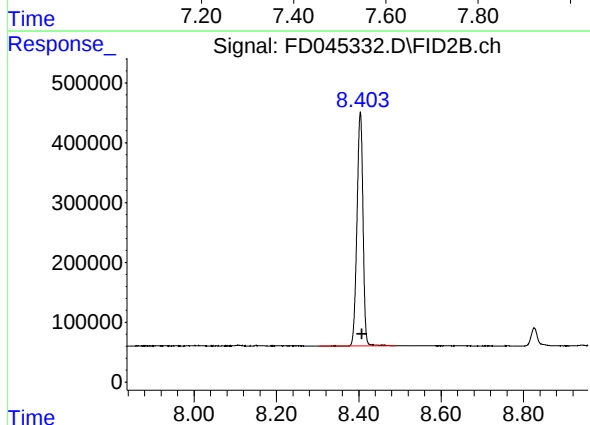




#4 2-Bromonaphthalene (SURR)

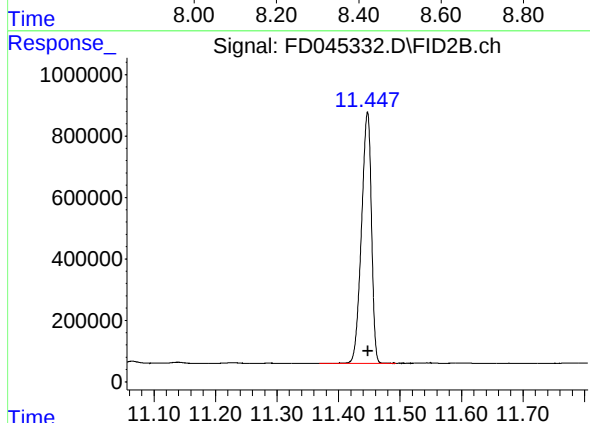
R.T.: 7.548 min
Delta R.T.: -0.004 min
Response: 6237454
Conc: 45.96 ug/ml

Instrument :
FID_D
ClientSampleId :



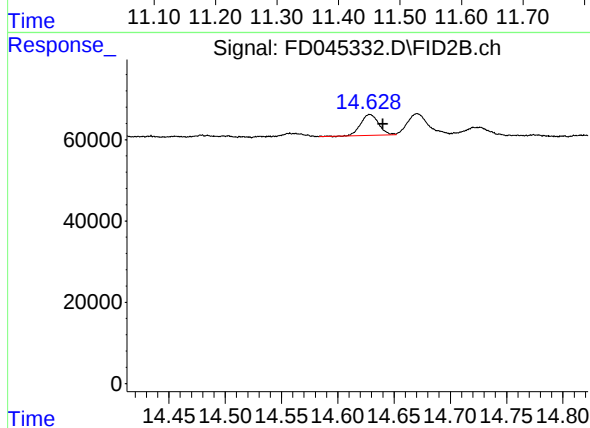
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.004 min
Response: 3961151
Conc: 44.24 ug/ml



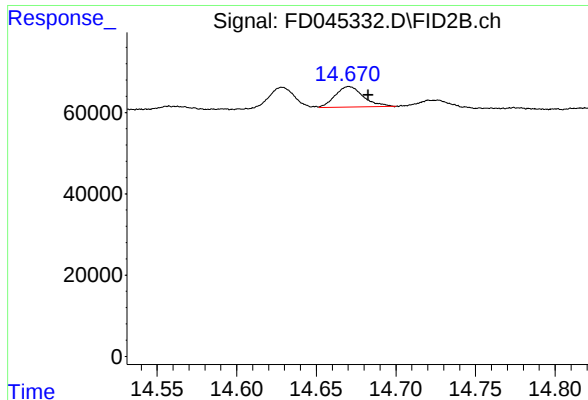
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.001 min
Response: 9182964
Conc: 55.17 ug/ml



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

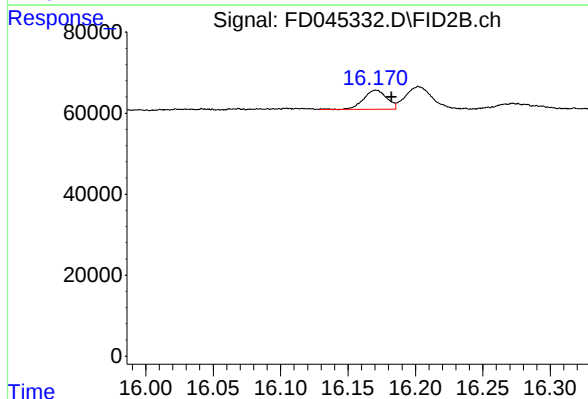
R.T.: 14.629 min
Delta R.T.: -0.011 min
Response: 57652
Conc: 0.45 ug/ml



#15 Chrysene (C27.41)

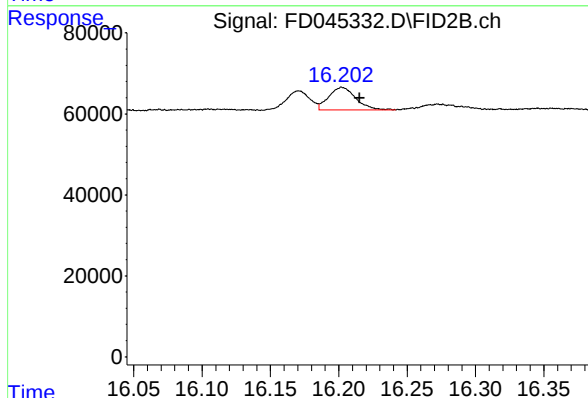
R.T.: 14.671 min
Delta R.T.: -0.012 min
Response: 62722
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



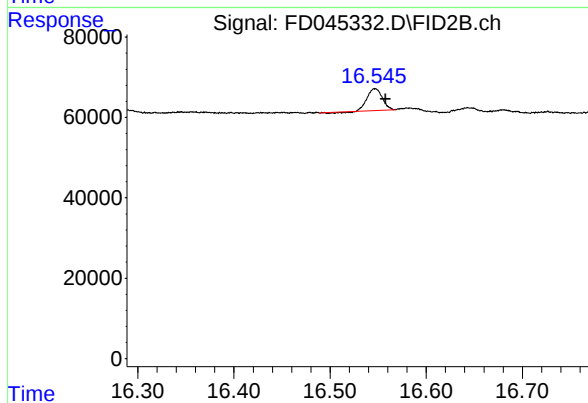
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.171 min
Delta R.T.: -0.012 min
Response: 56623
Conc: 0.44 ug/ml



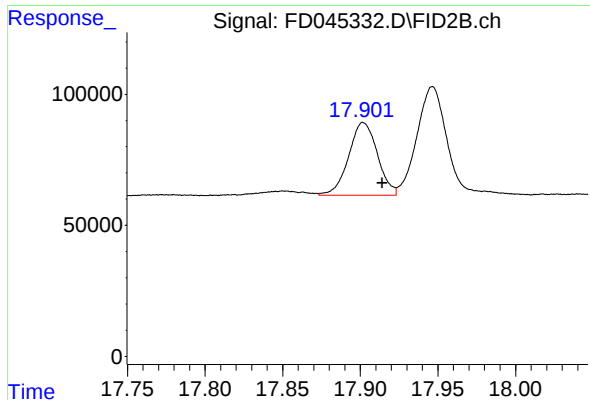
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.202 min
Delta R.T.: -0.013 min
Response: 76717
Conc: 0.61 ug/ml



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

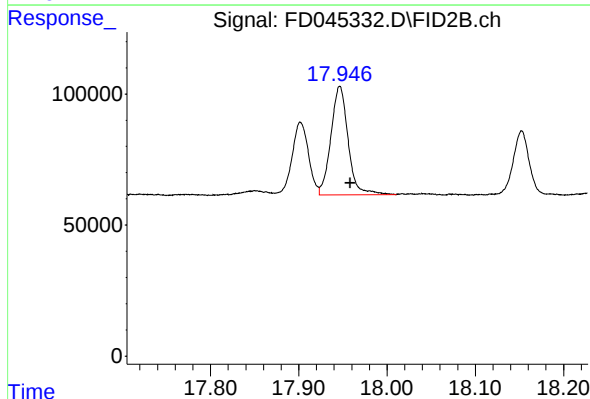
R.T.: 16.547 min
Delta R.T.: -0.011 min
Response: 56925
Conc: 0.45 ug/ml



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

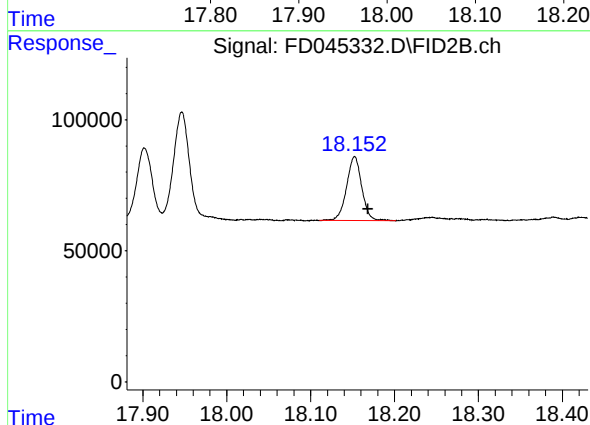
R.T.: 17.902 min
Delta R.T.: -0.012 min
Response: 358327
Conc: 3.00 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.946 min
Delta R.T.: -0.012 min
Response: 561336
Conc: 4.65 ug/ml



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

R.T.: 18.152 min
Delta R.T.: -0.016 min
Response: 307567
Conc: 2.47 ug/ml