

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045533.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 12:36
 Operator : YP/AJ
 Sample : PB152466BL
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:16:39 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	5997555	41.484 ug/ml
Spiked Amount 50.000		Recovery =	82.97%
6) S 2-Fluorobiphenyl (SURR)	8.402	2490883	26.712 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.42%
11) S ortho-Terphenyl (SURR)	11.445	8666159	48.423 ug/ml
Spiked Amount 50.000		Recovery =	96.85%
Target Compounds			
14) T Benzo[a]anthracene (C...	14.629	73908	0.564 ug/ml
15) T Chrysene (C27.41)	14.670	71283	0.522 ug/ml
16) T benzo[b]fluoranthene ...	16.169	117688	0.881 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	170693	1.276 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	194254	1.518 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	423824	3.374 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	619549	4.548 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	354373	2.705 ug/ml

(f)=RT Delta > 1/2 Window

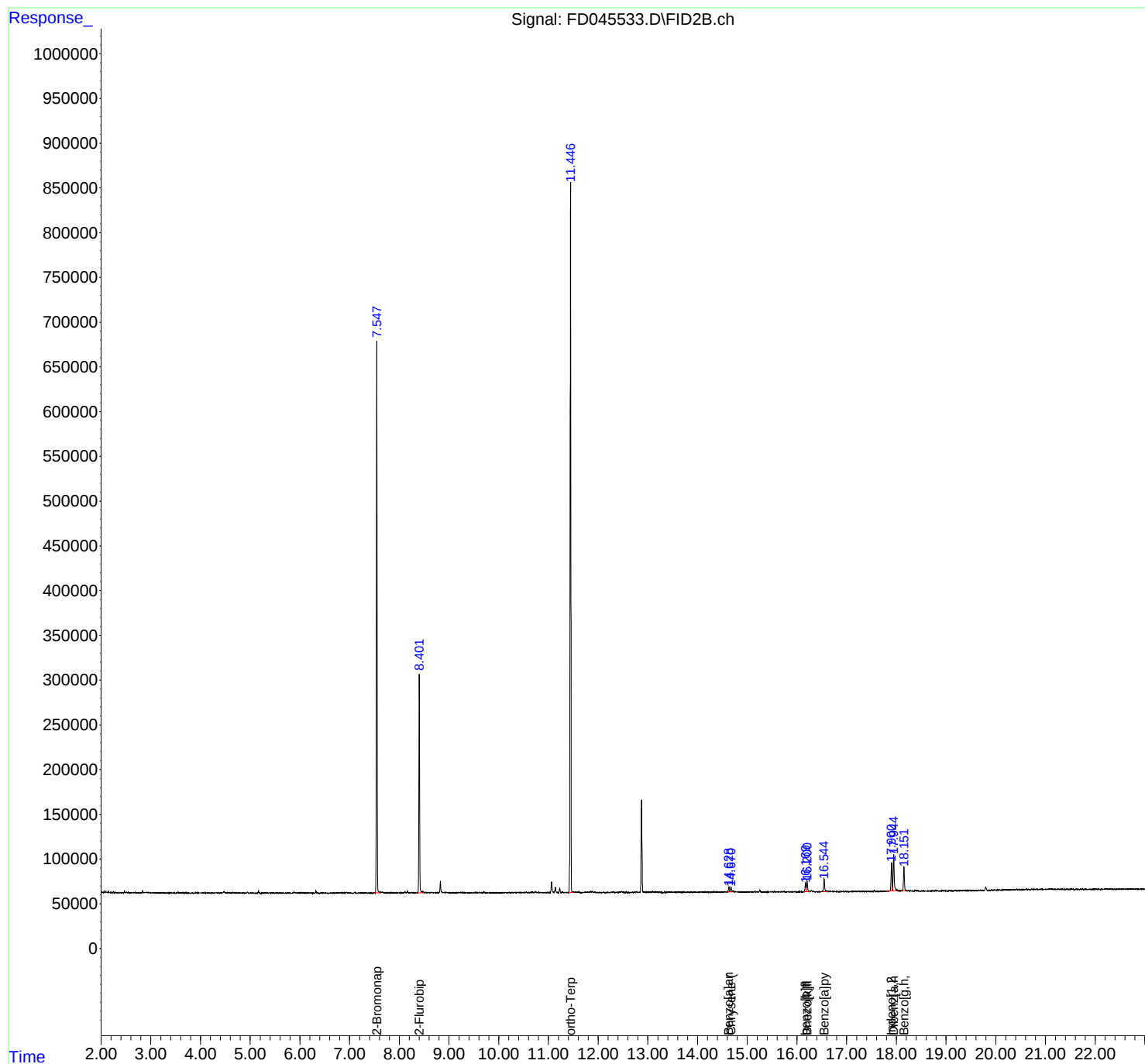
(m)=manual int.

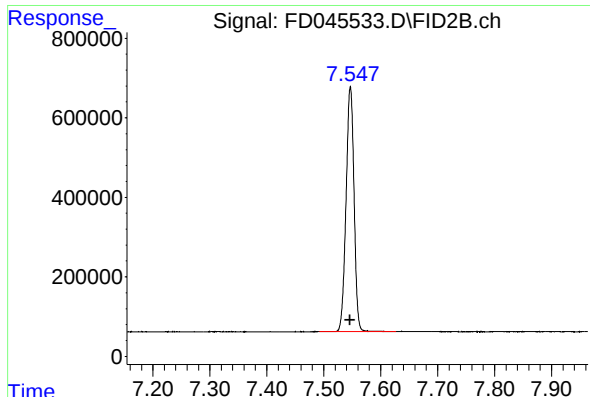
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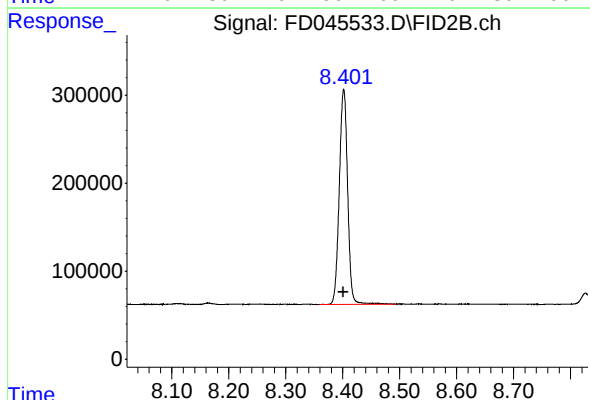




#4 2-Bromonaphthalene (SURRE)

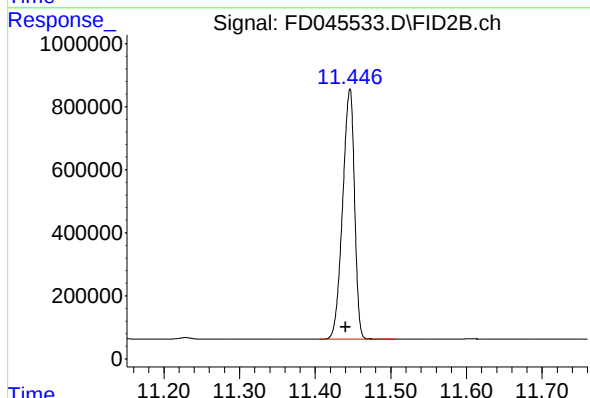
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 5997555
Conc: 41.48 ug/ml

Instrument :
FID_D
ClientSampleId :



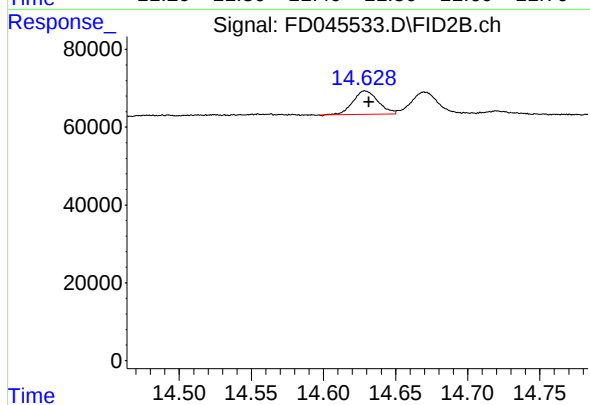
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 2490883
Conc: 26.71 ug/ml



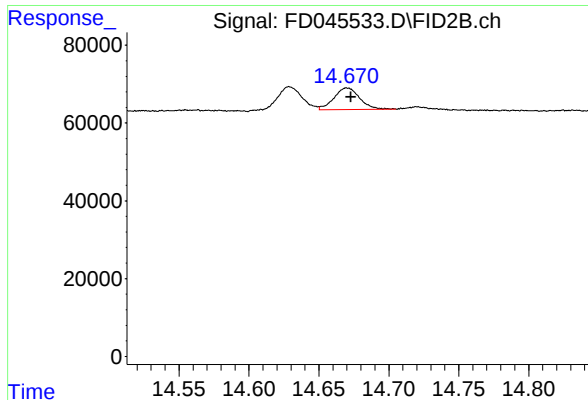
#11 ortho-Terphenyl (SURRE)

R.T.: 11.445 min
Delta R.T.: 0.005 min
Response: 8666159
Conc: 48.42 ug/ml



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

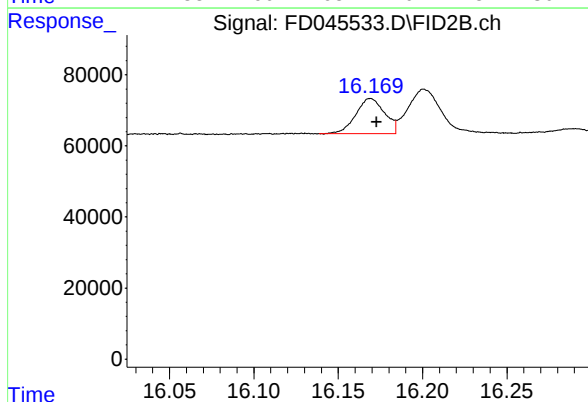
R.T.: 14.629 min
Delta R.T.: -0.002 min
Response: 73908
Conc: 0.56 ug/ml



#15 Chrysene (C27.41)

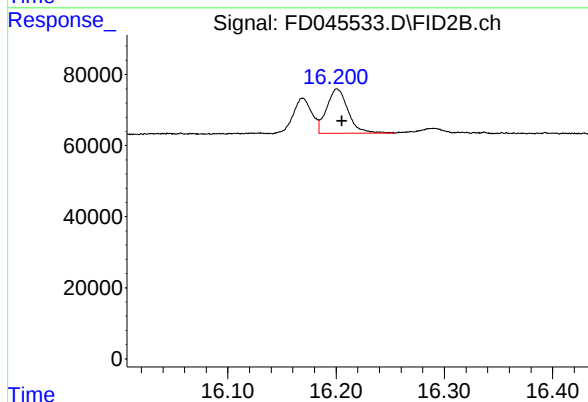
R.T.: 14.670 min
Delta R.T.: -0.003 min
Response: 71283
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



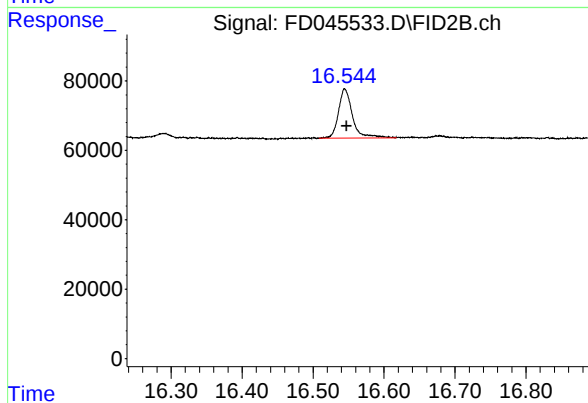
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.169 min
Delta R.T.: -0.004 min
Response: 117688
Conc: 0.88 ug/ml



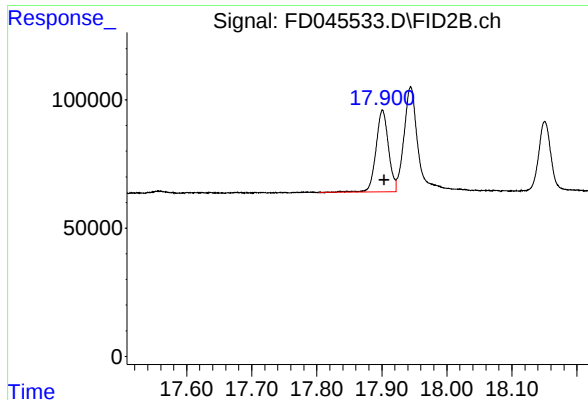
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.201 min
Delta R.T.: -0.004 min
Response: 170693
Conc: 1.28 ug/ml



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

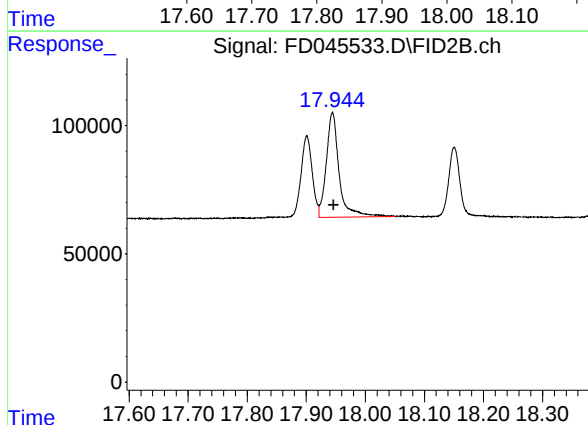
R.T.: 16.545 min
Delta R.T.: -0.002 min
Response: 194254
Conc: 1.52 ug/ml



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

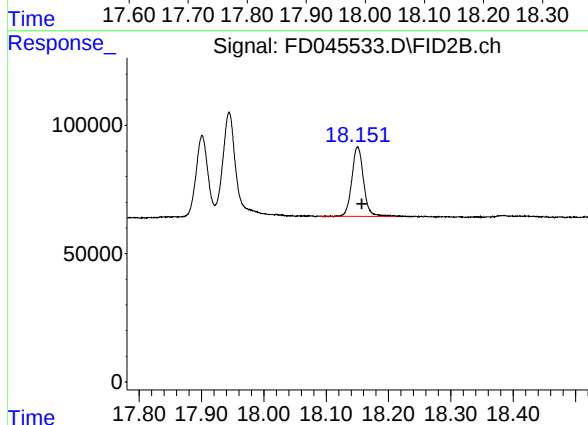
R.T.: 17.901 min
Delta R.T.: -0.003 min
Response: 423824
Conc: 3.37 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.944 min
Delta R.T.: -0.002 min
Response: 619549
Conc: 4.55 ug/ml



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

R.T.: 18.151 min
Delta R.T.: -0.007 min
Response: 354373
Conc: 2.70 ug/ml