

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045592.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 18:25
 Operator : YP/AJ
 Sample : 02505-08DL2 100X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:37:01 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...	7.544	95216	0.659 ug/ml
Spiked Amount 50.000		Recovery =	1.32%
6) S 2-Fluorobiphenyl (SURR)	8.400	54423	0.584 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.17%
11) S ortho-Terphenyl (SURR)	11.436	109781	0.613 ug/ml
Spiked Amount 50.000		Recovery =	1.23%
Target Compounds			
13) T Pyrene (C20.8)	12.761	77724	0.542 ug/ml
14) T Benzo[a]anthracene (C...	14.675	67213	0.513 ug/ml
15) T Chrysene (C27.41)	14.675	67213	0.492 ug/ml
16) T benzo[b]fluoranthene ...	16.196	86919	0.651 ug/ml
17) T Bnezo[k]fluoranthene ...	16.196	86919	0.650 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	79283	0.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	187752	1.495 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	224857	1.651 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	131966	1.007 ug/ml

(f)=RT Delta > 1/2 Window

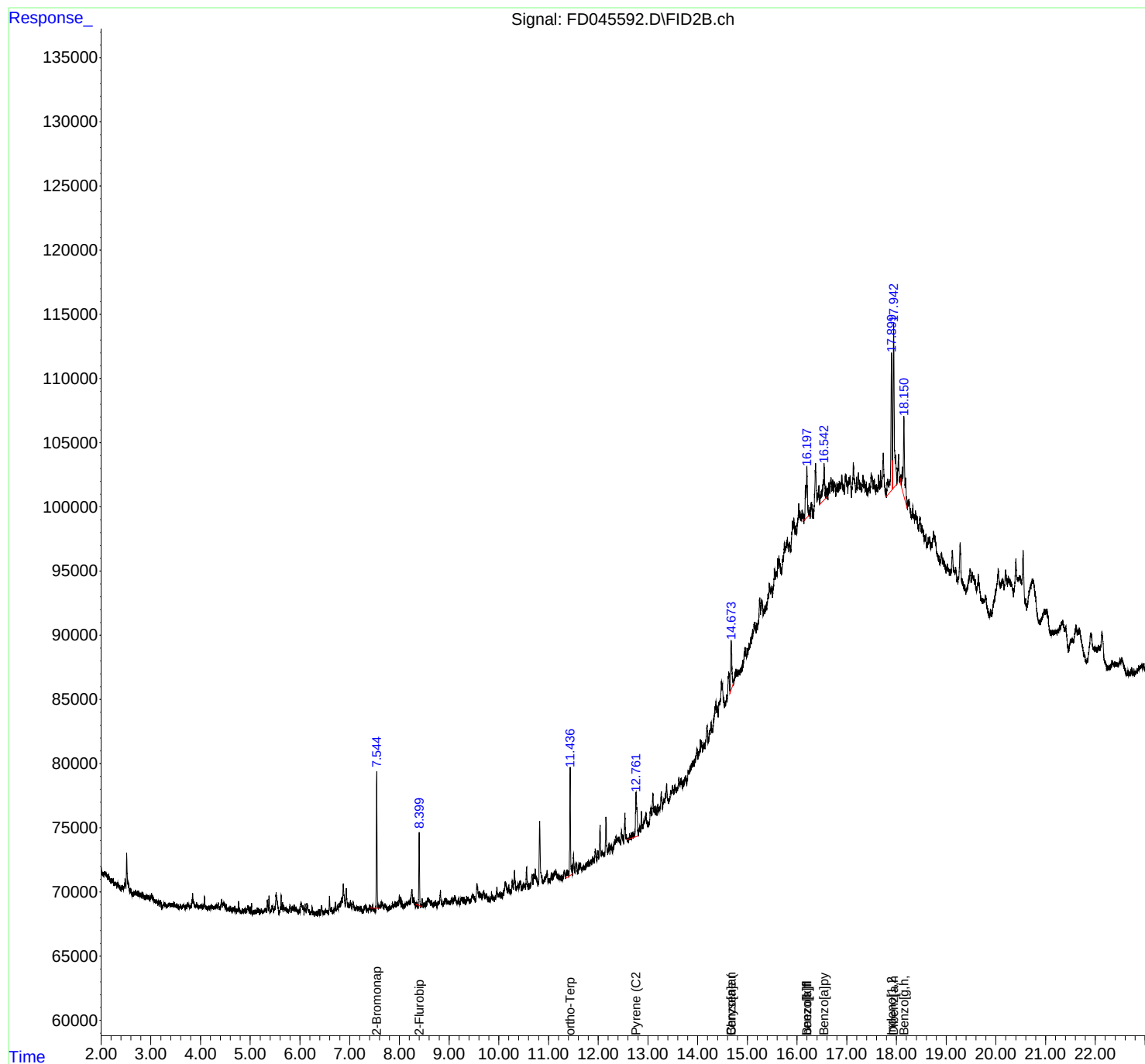
(m)=manual int.

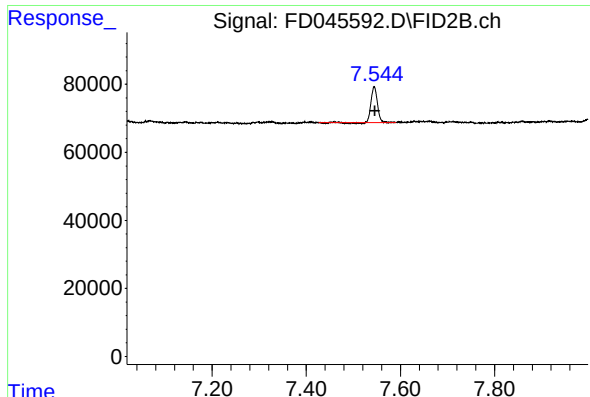
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

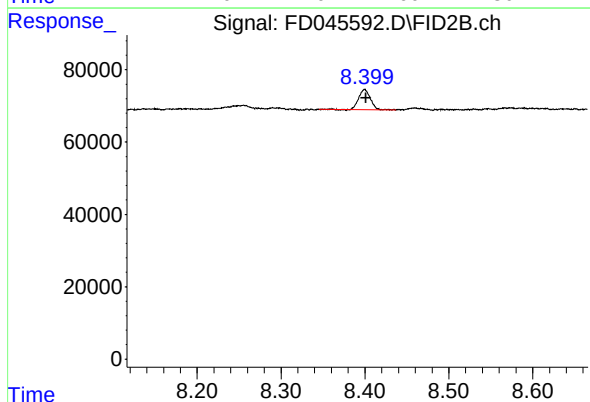




#4 2-Bromonaphthalene (SURR)

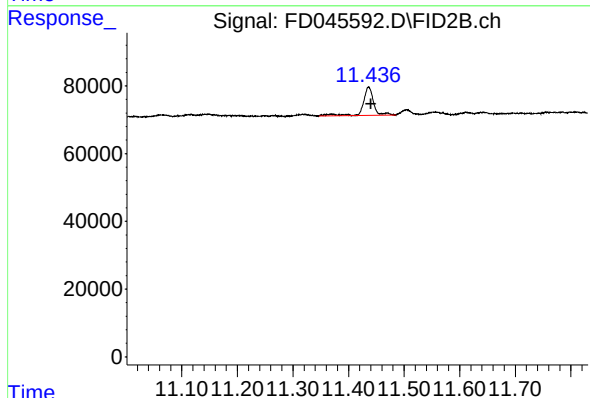
R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 95216
Conc: 0.66 ug/ml

Instrument :
FID_D
ClientSampleId :



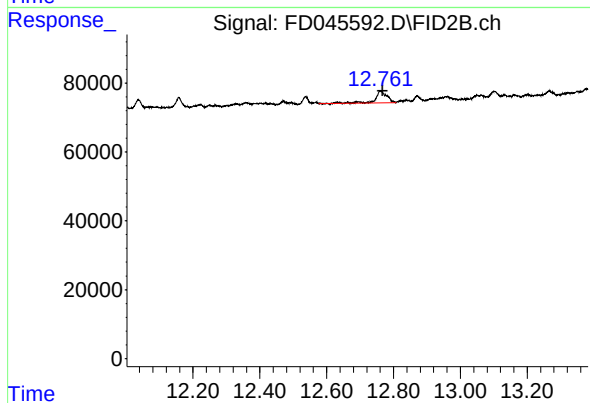
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 54423
Conc: 0.58 ug/ml



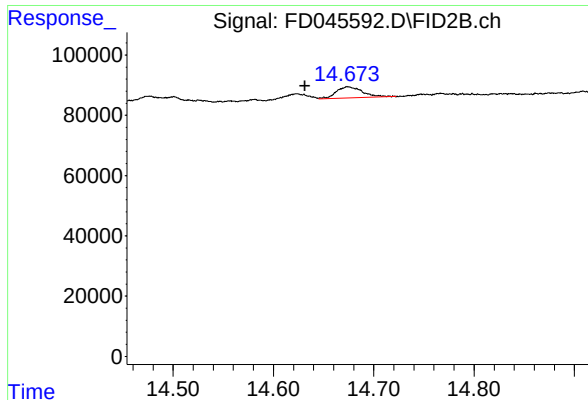
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min
Delta R.T.: -0.004 min
Response: 109781
Conc: 0.61 ug/ml



#13 Pyrene (C20.8)

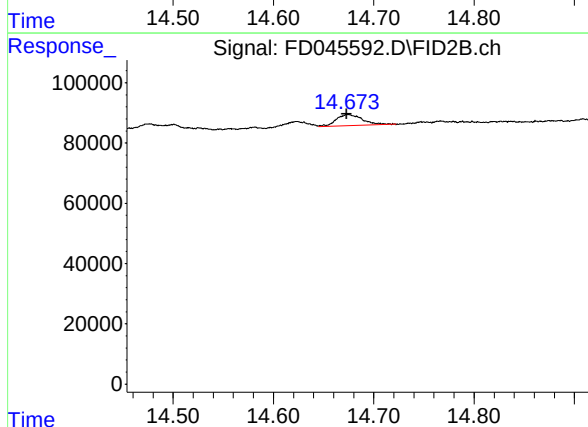
R.T.: 12.761 min
Delta R.T.: -0.006 min
Response: 77724
Conc: 0.54 ug/ml



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

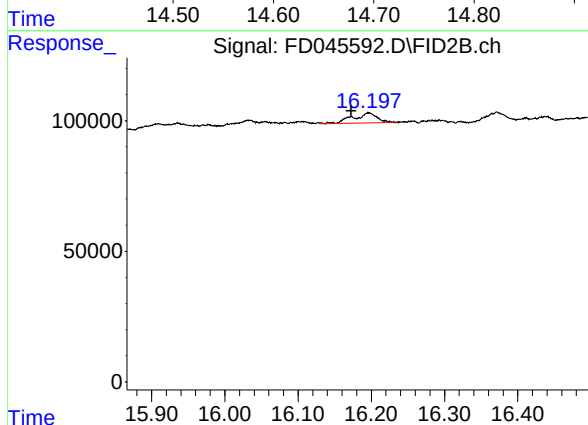
R.T.: 14.675 min
Delta R.T.: 0.043 min
Response: 67213
Conc: 0.51 ug/ml

Instrument :
FID_D
ClientSampleId :



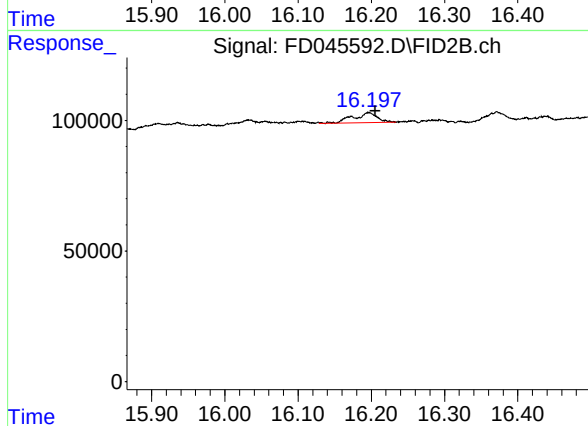
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: 0.002 min
Response: 67213
Conc: 0.49 ug/ml



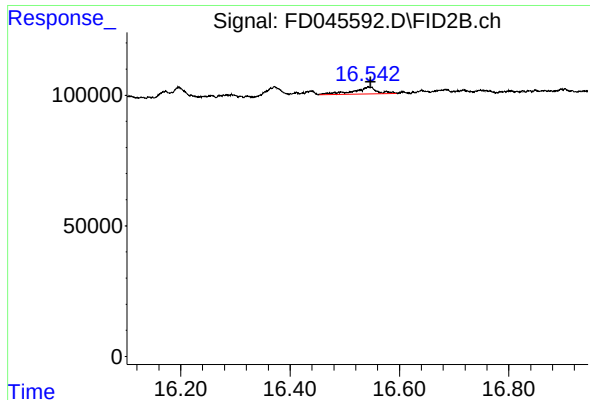
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.196 min
Delta R.T.: 0.024 min
Response: 86919
Conc: 0.65 ug/ml



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

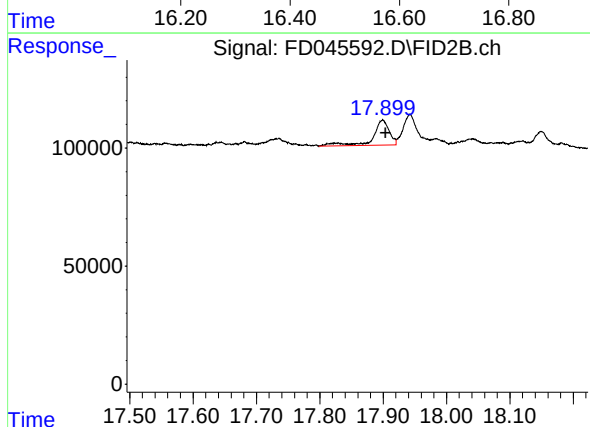
R.T.: 16.196 min
Delta R.T.: -0.009 min
Response: 86919
Conc: 0.65 ug/ml



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

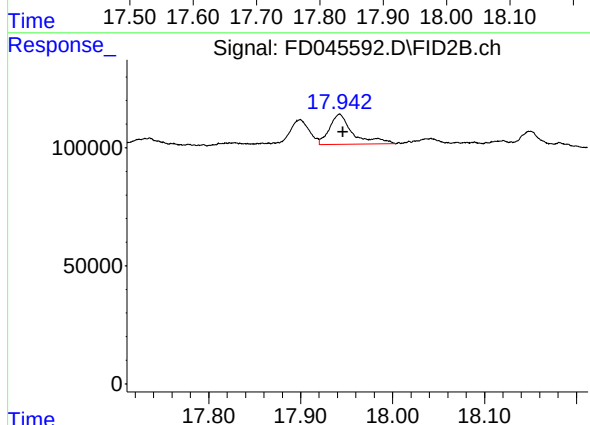
R.T.: 16.544 min
Delta R.T.: -0.003 min
Response: 79283
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



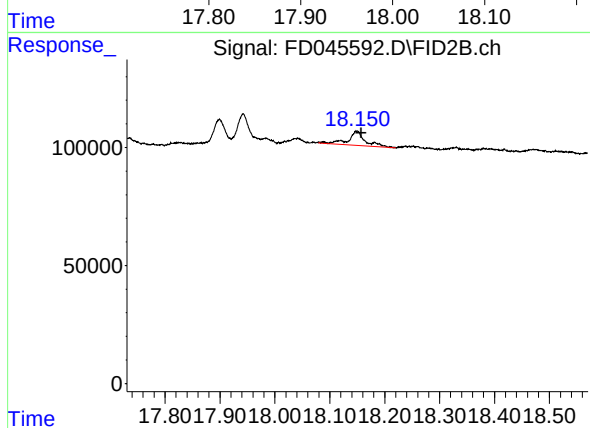
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: -0.005 min
Response: 187752
Conc: 1.49 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.004 min
Response: 224857
Conc: 1.65 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.008 min
Response: 131966
Conc: 1.01 ug/ml