

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045544.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 00:50
 Operator : YP/AJ
 Sample : 02530-06
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:18:11 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...	7.545	8027529	55.525 ug/ml
Spiked Amount 50.000		Recovery =	111.05%
6) S 2-Fluorobiphenyl (SURR)	8.401	5029007	53.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.86%
11) S ortho-Terphenyl (SURR)	11.440	5527138	30.883 ug/ml
Spiked Amount 50.000		Recovery =	61.77%
Target Compounds			
12) T Fluoranthene (C21.85)	12.467	70533	0.479 ug/ml
14) T Benzo[a]anthracene (C...	14.624	87687	0.669 ug/ml
15) T Chrysene (C27.41)	14.665	116784	0.856 ug/ml
16) T benzo[b]fluoranthene ...	16.166	113154	0.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.197	121816	0.911 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.541	88256	0.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	265062	2.110 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	485816	3.566 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	196752	1.502 ug/ml

(f)=RT Delta > 1/2 Window

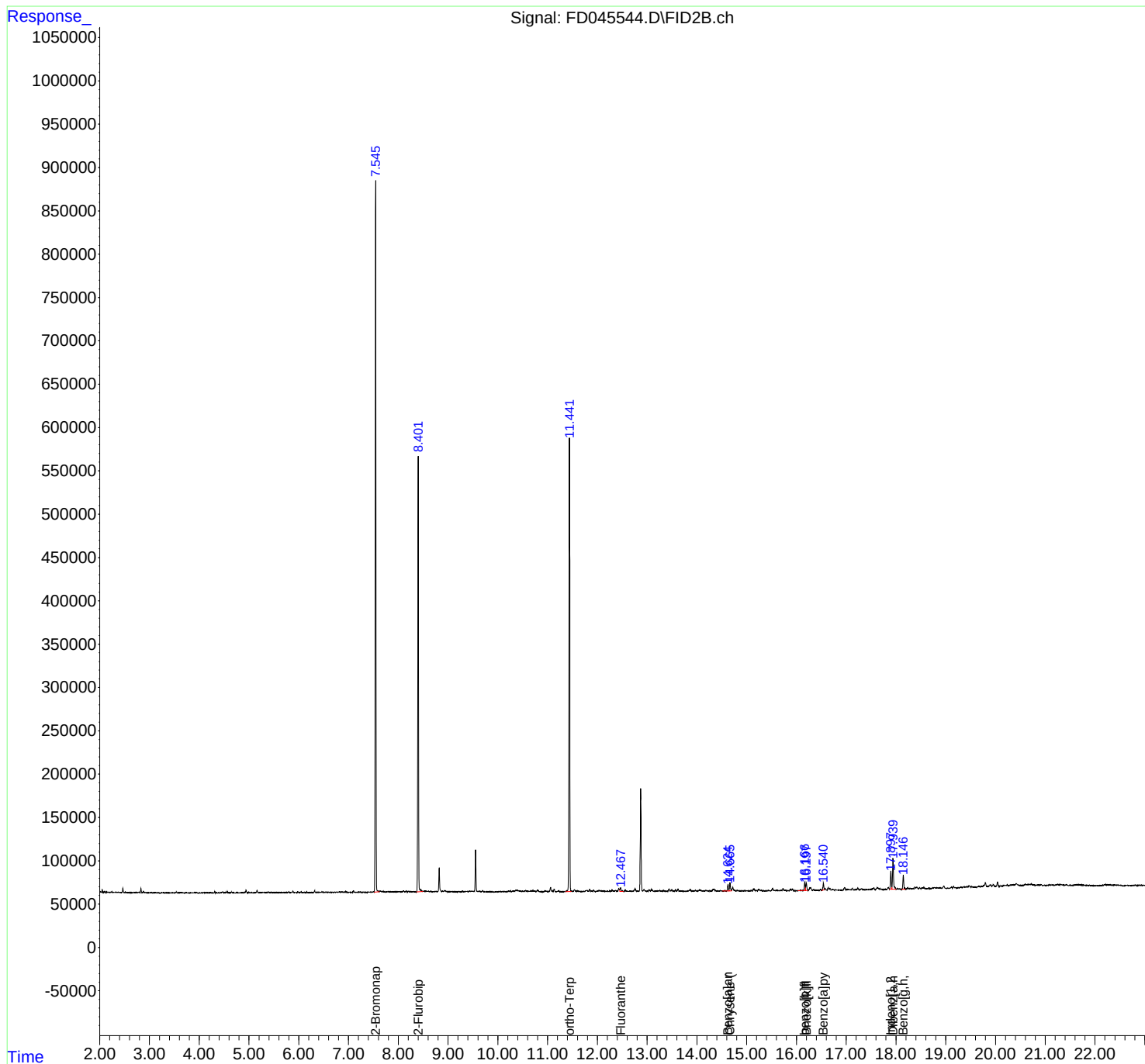
(m)=manual int.

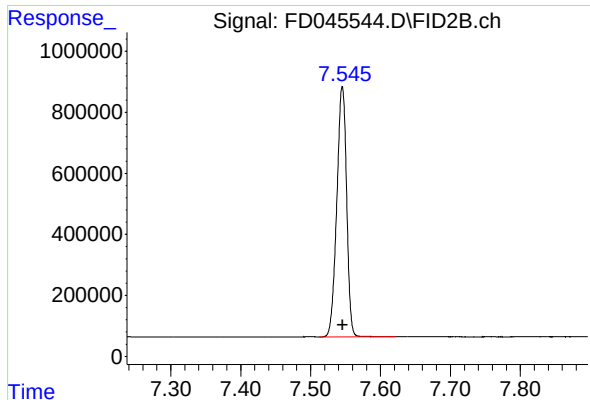
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Signal Info : 20M x 0.18mm x 0.18µm

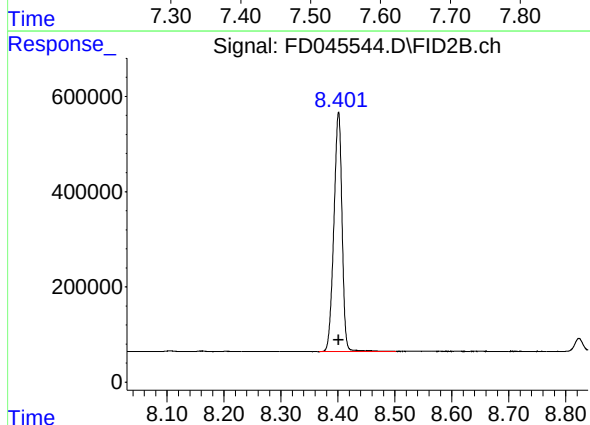




#4 2-Bromonaphthalene (SURR)

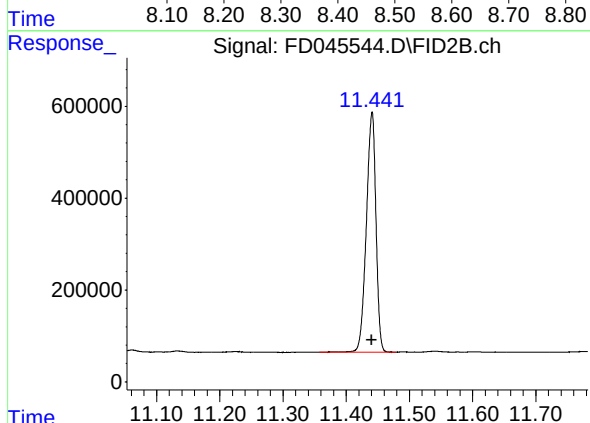
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 8027529
Conc: 55.52 ug/ml

Instrument :
FID_D
ClientSampleId :



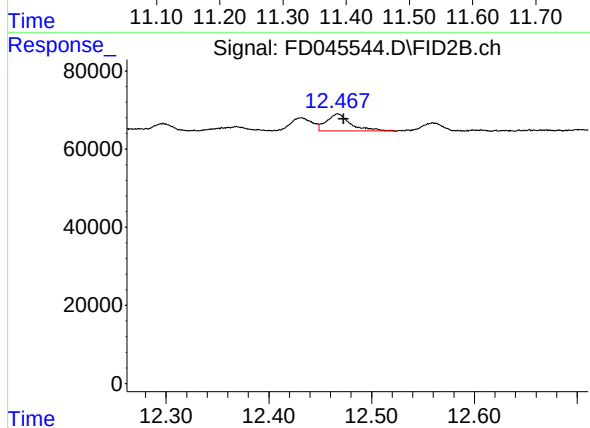
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 5029007
Conc: 53.93 ug/ml



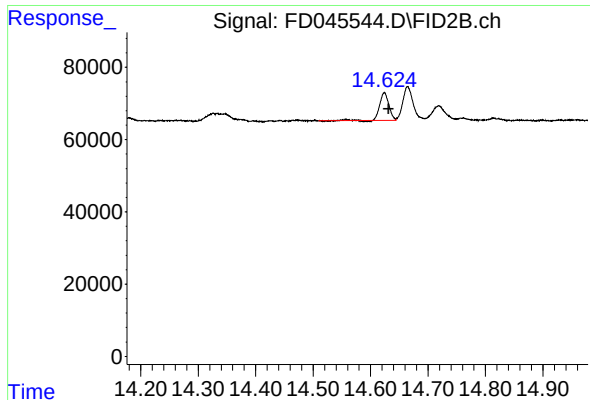
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 5527138
Conc: 30.88 ug/ml



#12 Fluoranthene (C21.85)

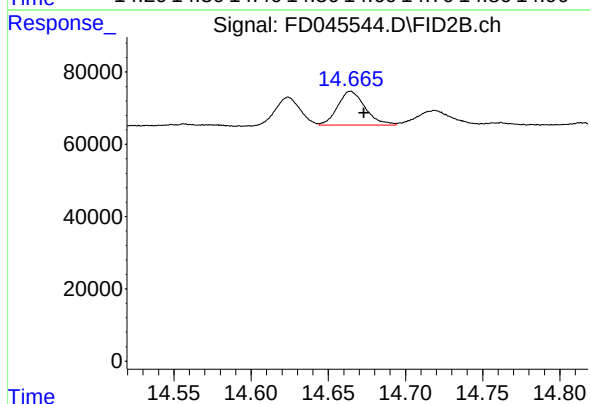
R.T.: 12.467 min
Delta R.T.: -0.006 min
Response: 70533
Conc: 0.48 ug/ml



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

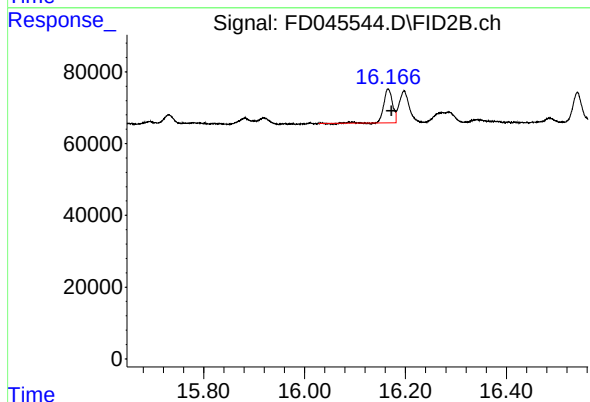
R.T.: 14.624 min
Delta R.T.: -0.007 min
Response: 87687
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



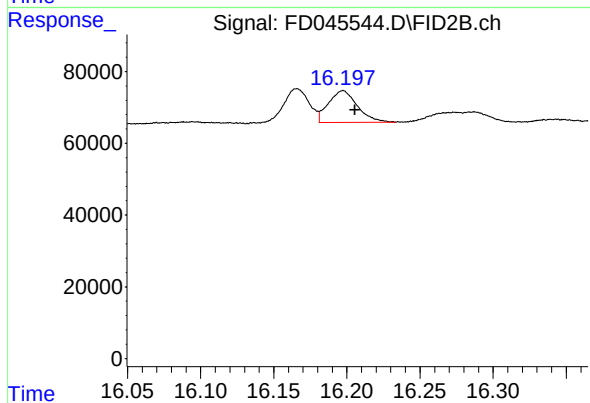
#15 Chrysene (C27.41)

R.T.: 14.665 min
Delta R.T.: -0.008 min
Response: 116784
Conc: 0.86 ug/ml



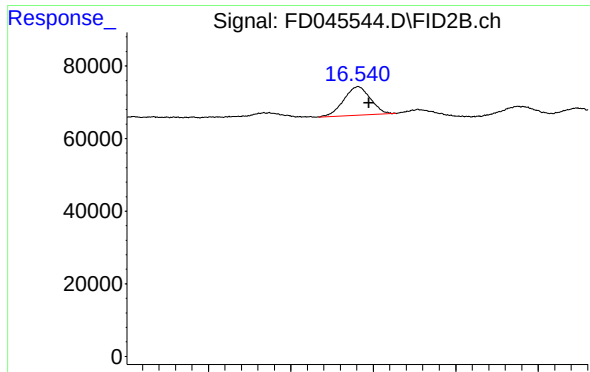
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.166 min
Delta R.T.: -0.007 min
Response: 113154
Conc: 0.85 ug/ml



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

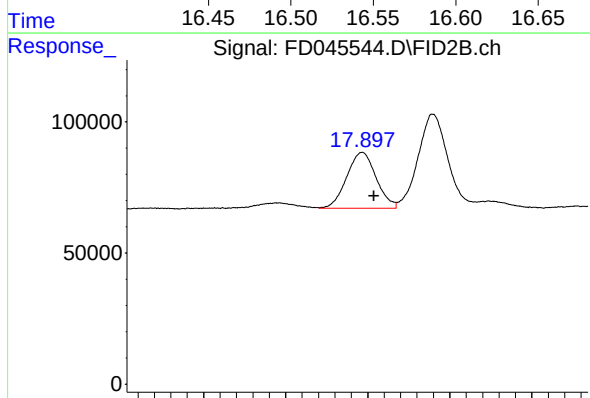
R.T.: 16.197 min
Delta R.T.: -0.008 min
Response: 121816
Conc: 0.91 ug/ml



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

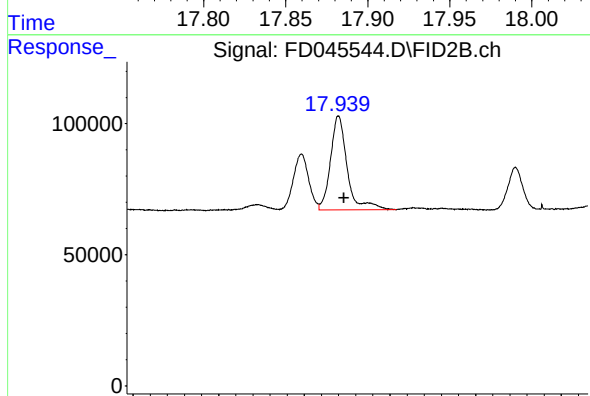
R.T.: 16.541 min
Delta R.T.: -0.007 min
Response: 88256
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



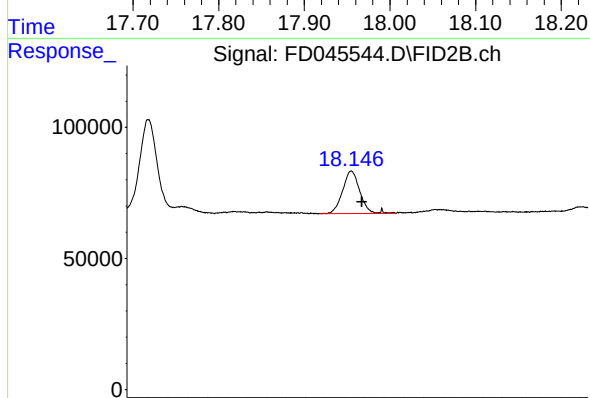
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: -0.007 min
Response: 265062
Conc: 2.11 ug/ml



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

R.T.: 17.940 min
Delta R.T.: -0.006 min
Response: 485816
Conc: 3.57 ug/ml



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

R.T.: 18.147 min
Delta R.T.: -0.011 min
Response: 196752
Conc: 1.50 ug/ml