

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045342.D
 Signal(s) : FID2B.ch
 Acq On : 25 Mar 2023 00:11
 Operator : YP/AJ
 Sample : 02023-05
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:29:48 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...	7.550	6562228	48.356 ug/ml
Spiked Amount 50.000		Recovery =	96.71%
6) S 2-Fluorobiphenyl (SURR)	8.406	4017102	44.866 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.73%
11) S ortho-Terphenyl (SURR)	11.448	8023501	48.203 ug/ml
Spiked Amount 50.000		Recovery =	96.41%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.166	59666	0.416 ug/ml
9) T Phenanthrene (C19.36)	10.670	49585	0.347 ug/ml
12) T Fluoranthene (C21.85)	12.473	156937	1.123 ug/ml
13) T Pyrene (C20.8)	12.768	130490	0.958 ug/ml
14) T Benzo[a]anthracene (C...	14.631	99377	0.780 ug/ml
15) T Chrysene (C27.41)	14.671	108562	0.833 ug/ml
16) T benzo[b]fluoranthene ...	16.174	133451	1.035 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	64126	0.508 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	95251	0.757 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	247543	2.069 ug/ml
20) T Dibenz[a,h]anthracene...	17.908	247543	2.052 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	97258	0.782 ug/ml

(f)=RT Delta > 1/2 Window

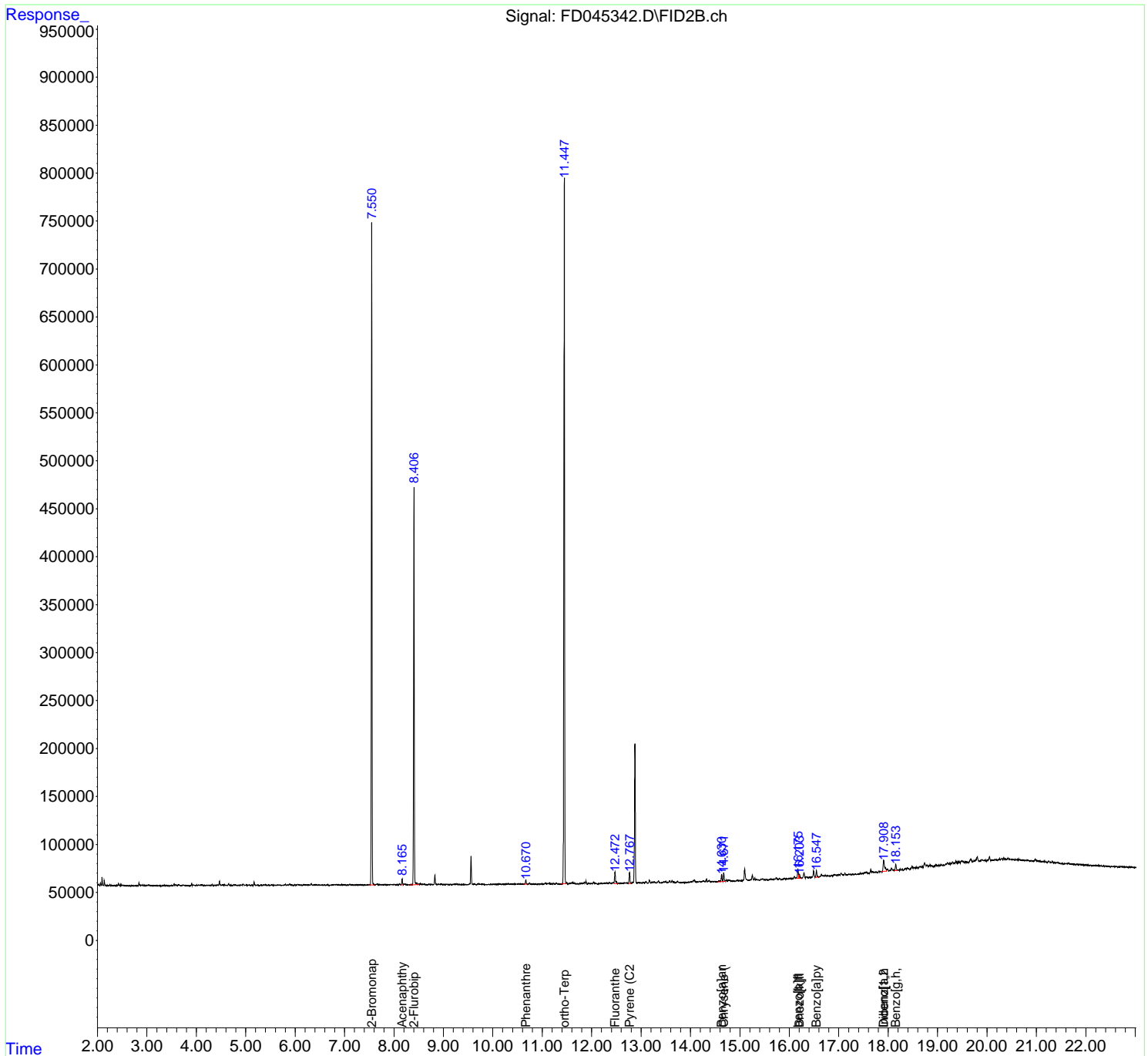
(m)=manual int.

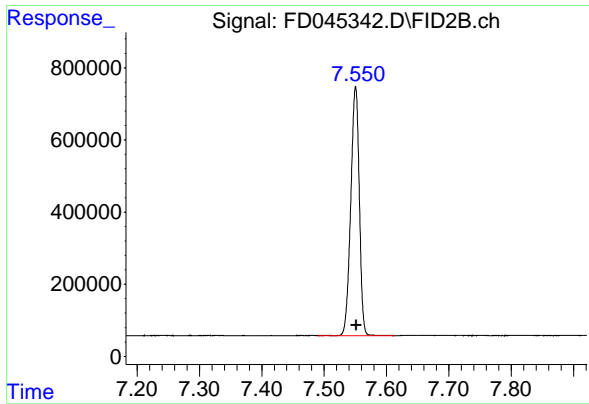
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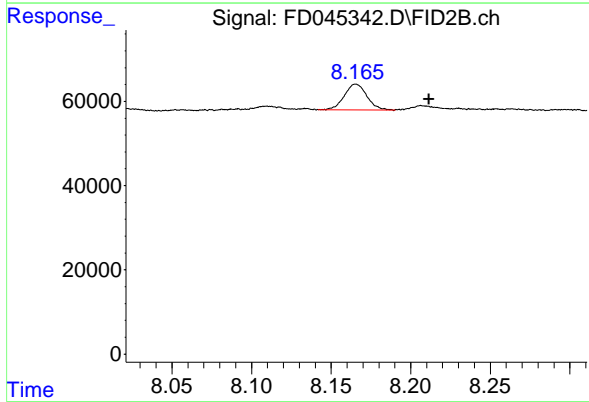




#4 2-Bromonaphthalene (SURR)

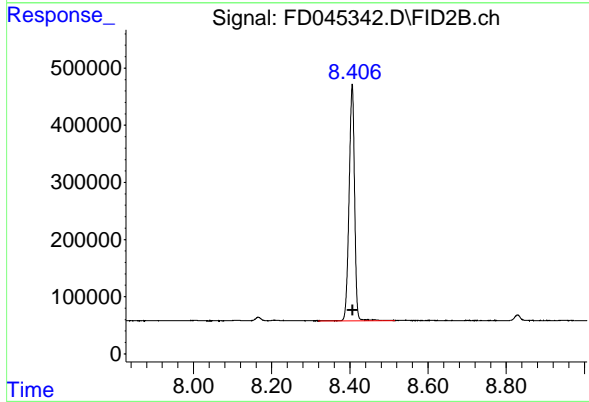
R.T.: 7.550 min
Delta R.T.: -0.001 min
Response: 6562228
Conc: 48.36 ug/ml

Instrument :
FID_D
ClientSampleId :



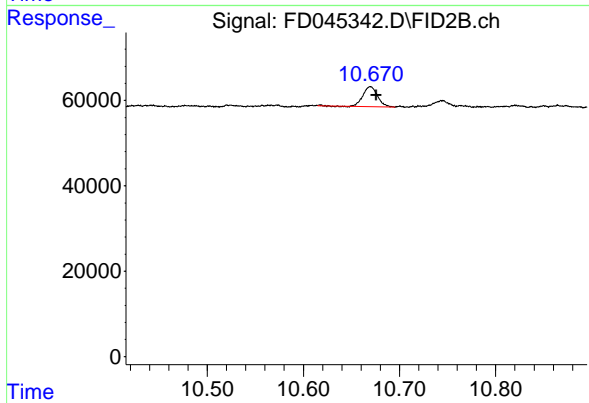
#5 Acenaphthylene (C15.06)

R.T.: 8.166 min
Delta R.T.: -0.046 min
Response: 59666
Conc: 0.42 ug/ml



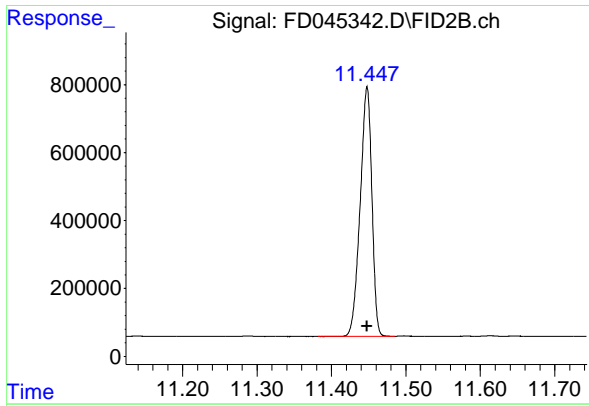
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: -0.002 min
Response: 4017102
Conc: 44.87 ug/ml



#9 Phenanthrene (C19.36)

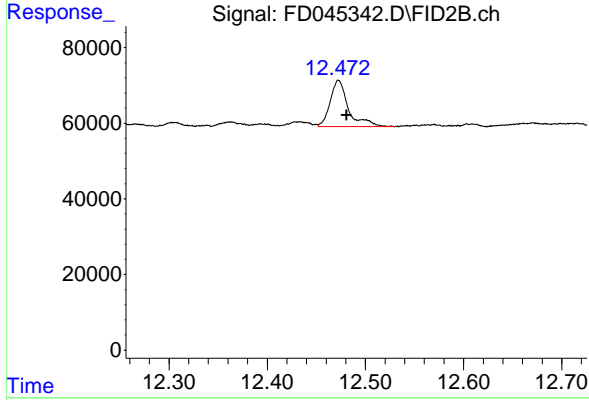
R.T.: 10.670 min
Delta R.T.: -0.006 min
Response: 49585
Conc: 0.35 ug/ml



#11 ortho-Terphenyl (SURR)

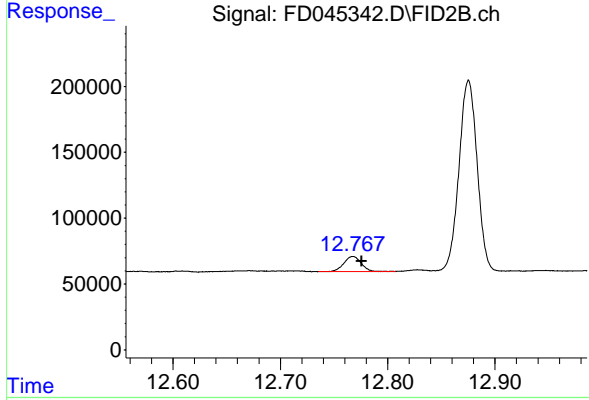
R.T.: 11.448 min
 Delta R.T.: 0.000 min
 Response: 8023501
 Conc: 48.20 ug/ml

Instrument : FID_D
 ClientSampleId :



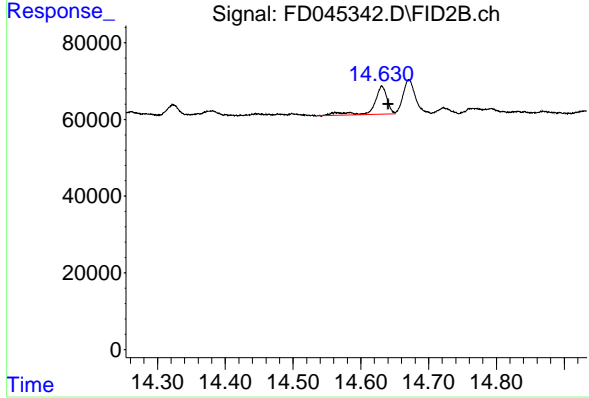
#12 Fluoranthene (C21.85)

R.T.: 12.473 min
 Delta R.T.: -0.008 min
 Response: 156937
 Conc: 1.12 ug/ml



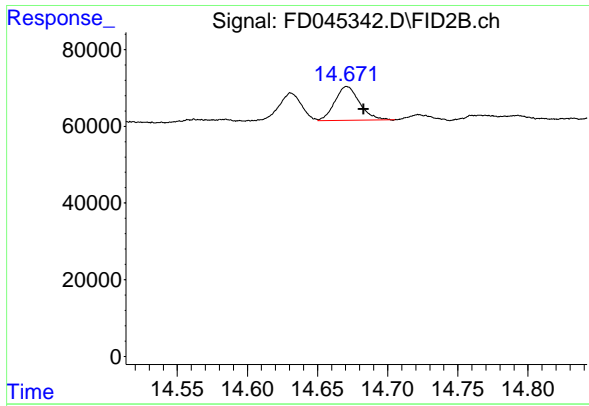
#13 Pyrene (C20.8)

R.T.: 12.768 min
 Delta R.T.: -0.008 min
 Response: 130490
 Conc: 0.96 ug/ml



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

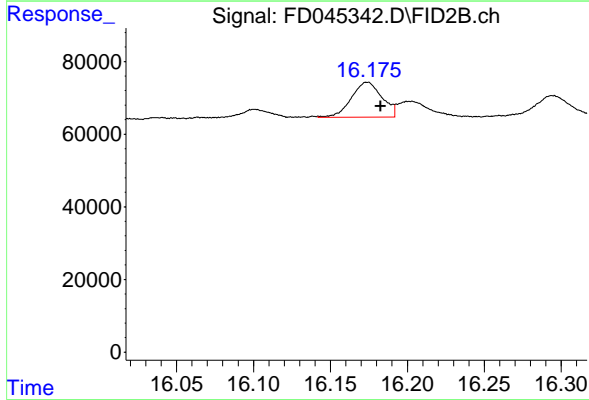
R.T.: 14.631 min
 Delta R.T.: -0.009 min
 Response: 99377
 Conc: 0.78 ug/ml



#15 Chrysene (C27.41)

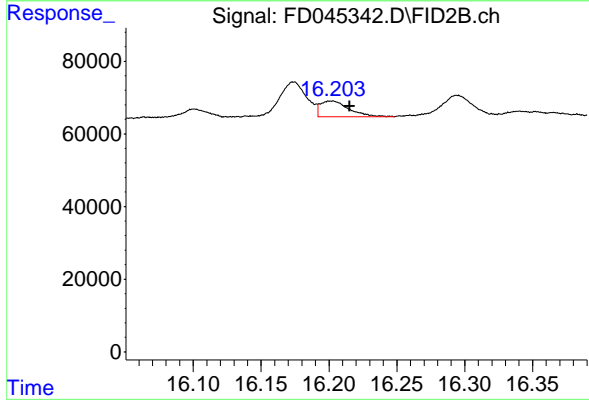
R.T.: 14.671 min
Delta R.T.: -0.012 min
Response: 108562
Conc: 0.83 ug/ml

Instrument : FID_D
ClientSampleId :



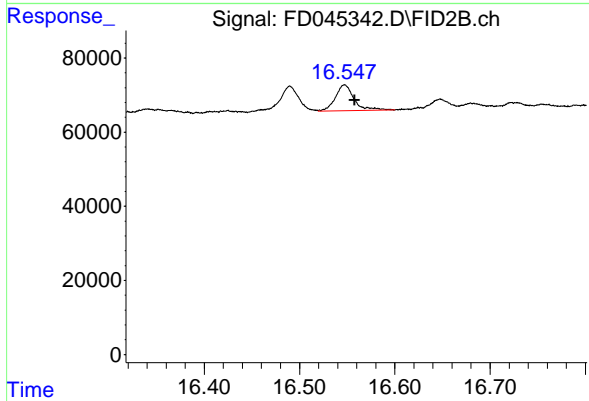
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.174 min
Delta R.T.: -0.009 min
Response: 133451
Conc: 1.04 ug/ml



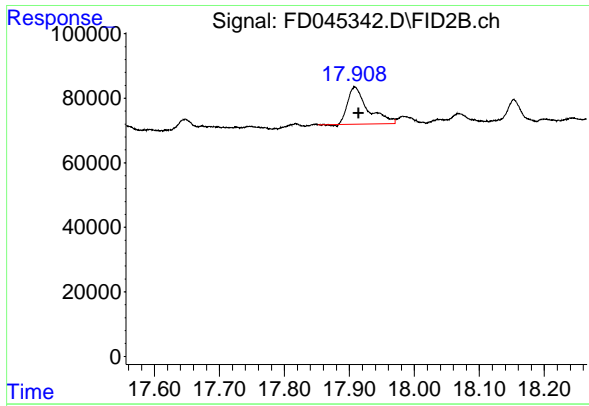
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.202 min
Delta R.T.: -0.014 min
Response: 64126
Conc: 0.51 ug/ml



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

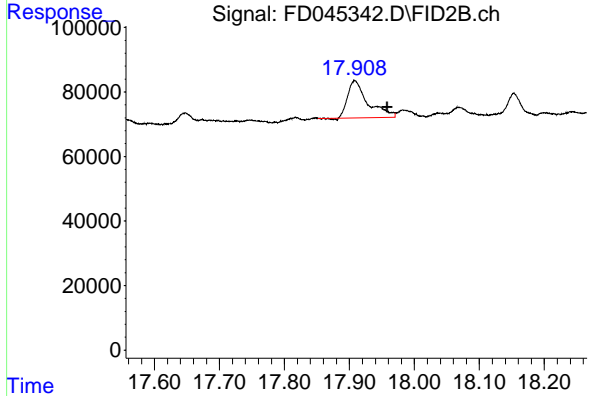
R.T.: 16.547 min
Delta R.T.: -0.011 min
Response: 95251
Conc: 0.76 ug/ml



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

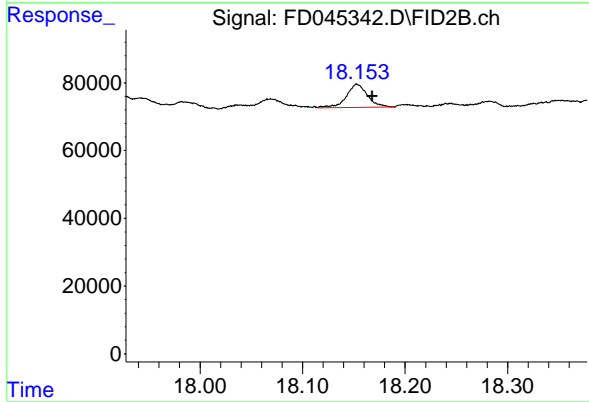
R.T.: 17.908 min
 Delta R.T.: -0.006 min
 Response: 247543
 Conc: 2.07 ug/ml

Instrument : FID_D
 ClientSampleId :



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

R.T.: 17.908 min
 Delta R.T.: -0.050 min
 Response: 247543
 Conc: 2.05 ug/ml



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

R.T.: 18.153 min
 Delta R.T.: -0.015 min
 Response: 97258
 Conc: 0.78 ug/ml