

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036917.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 23:17
 Operator : DD\AJ
 Sample : M2025-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 01:25:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.587	5370768	38.187 ug/ml
Spiked Amount 50.000		Recovery =	76.37%
6) S 2-Fluorobiphenyl (SURR)	8.447	2664186	28.382 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.76%
11) S ortho-Terphenyl (SURR)	11.487	3662582	23.981 ug/ml
Spiked Amount 50.000		Recovery =	47.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.448f	89802	0.613 ug/ml
9) T Phenanthrene (C19.36)	10.716	550658	3.757 ug/ml
10) T Anthracene (C19.43)	10.790	129413	0.894 ug/ml
12) T Fluoranthene (C21.85)	12.526	907402	6.463 ug/ml
13) T Pyrene (C20.8)	12.822	694088	5.059 ug/ml
14) T Benzo[a]anthracene (C...	14.688	415945	3.502 ug/ml
15) T Chrysene (C27.41)	14.729	398401	3.294 ug/ml
16) T benzo[b]fluoranthene ...	16.238	466186	4.248 ug/ml
17) T Bnezo[k]fluoranthene ...	16.266	163307	1.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.613	371686	3.729 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.971	505688	5.031 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	178794	1.773 ug/ml
21) T Benzo[g,h,i]perylene ...	18.226	196828	1.943 ug/ml

(f)=RT Delta > 1/2 Window

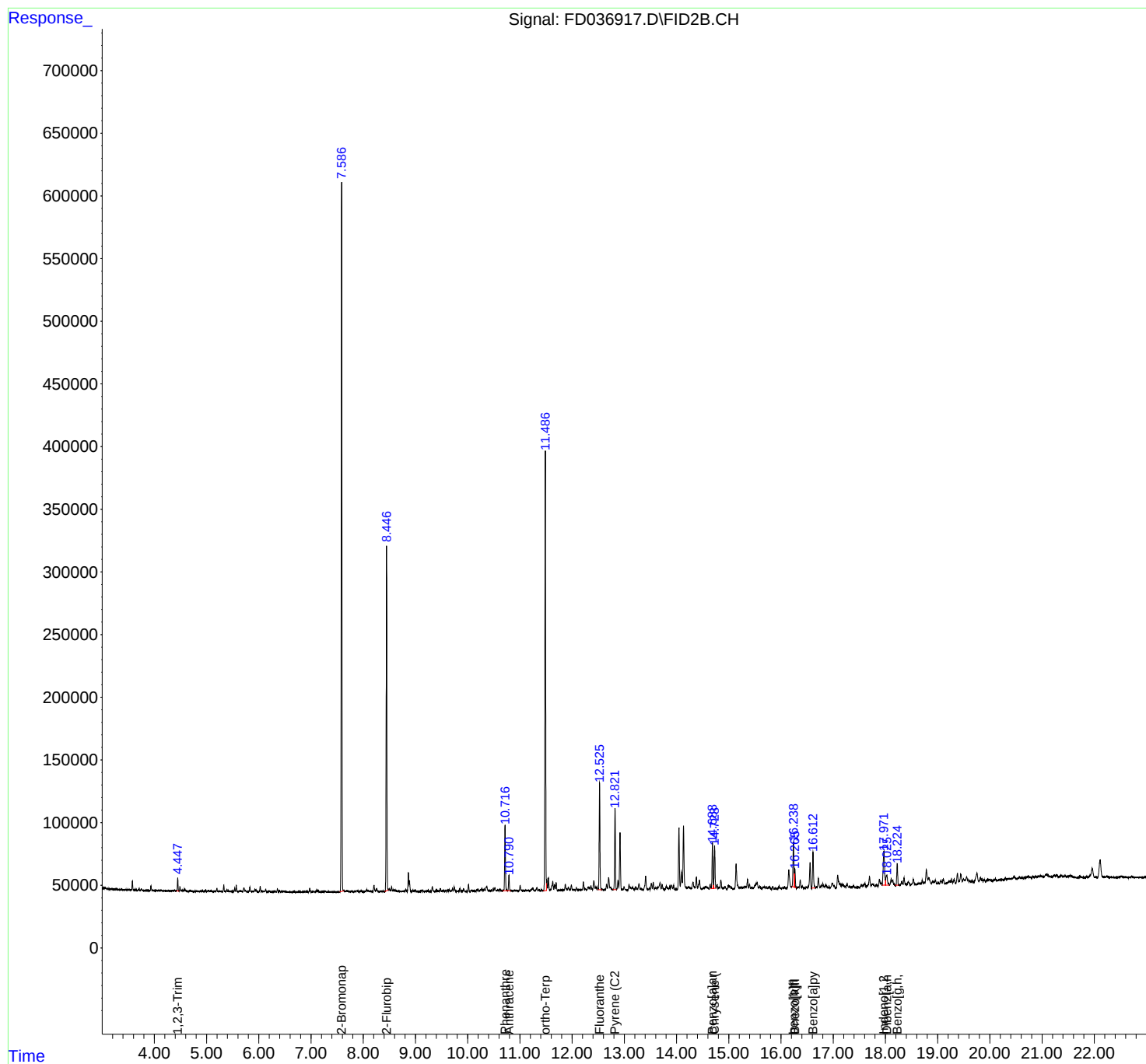
(m)=manual int.

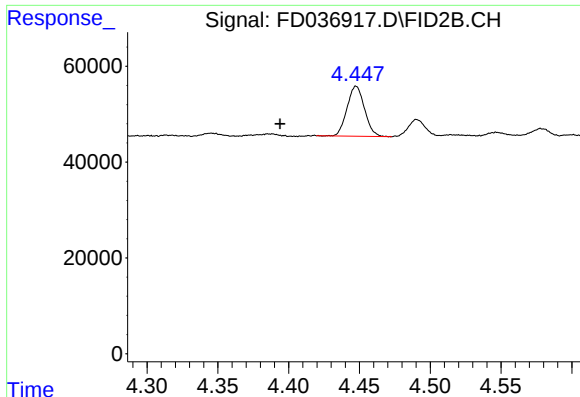
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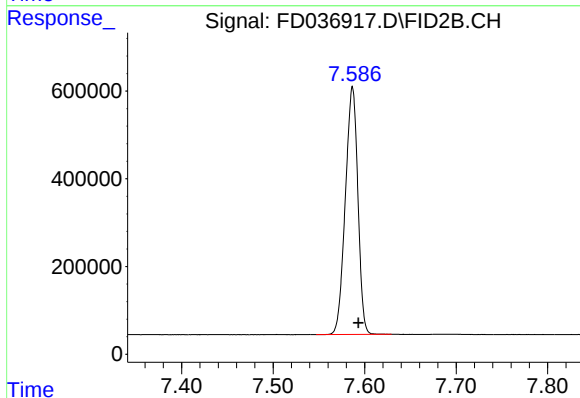




#1 1,2,3-Trimethylbenzene (C10.1)

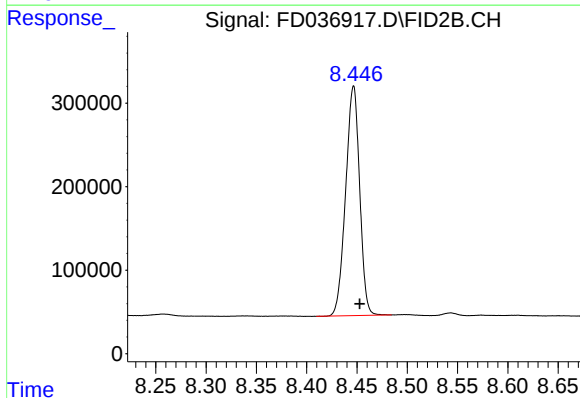
R.T.: 4.448 min
Delta R.T.: 0.054 min
Response: 89802
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



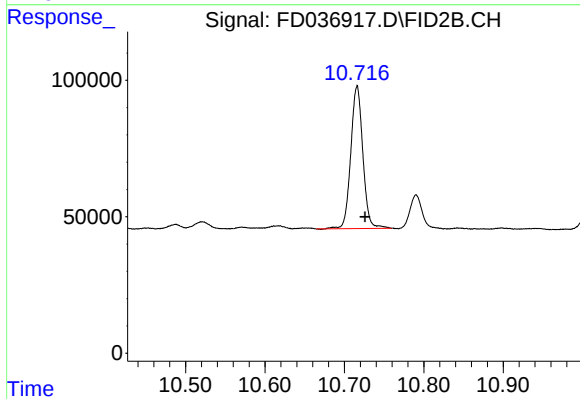
#4 2-Bromonaphthalene (SURR)

R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 5370768
Conc: 38.19 ug/ml



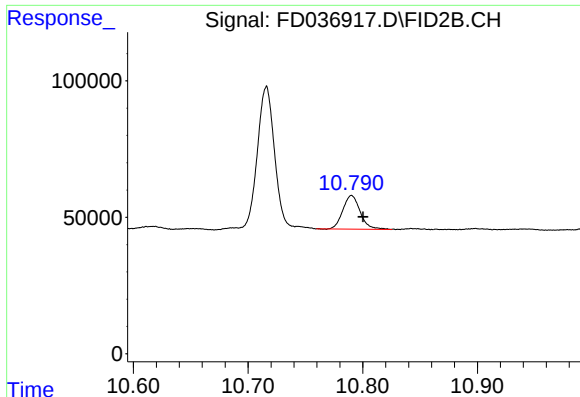
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 2664186
Conc: 28.38 ug/ml



#9 Phenanthrene (C19.36)

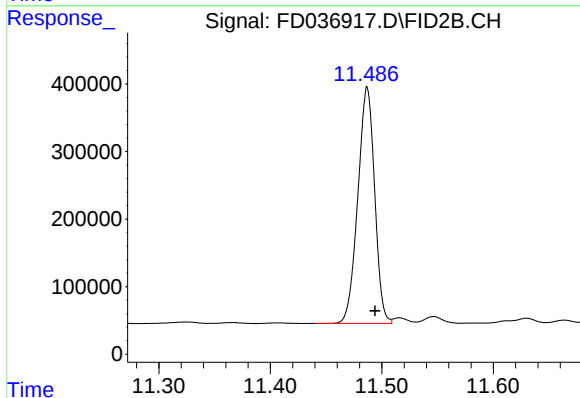
R.T.: 10.716 min
Delta R.T.: -0.010 min
Response: 550658
Conc: 3.76 ug/ml



#10 Anthracene (C19.43)

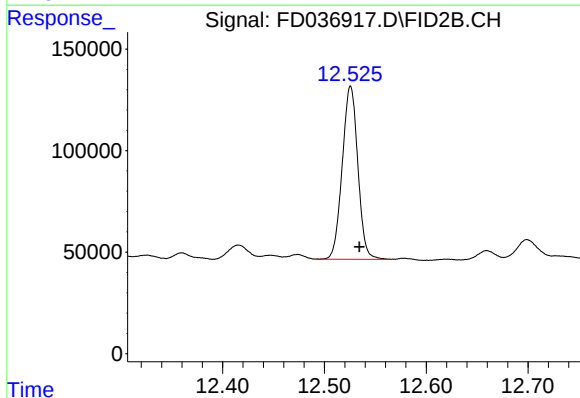
R.T.: 10.790 min
Delta R.T.: -0.010 min
Response: 129413
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



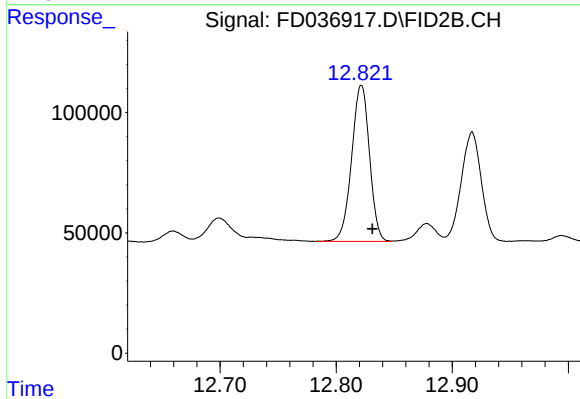
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.007 min
Response: 3662582
Conc: 23.98 ug/ml



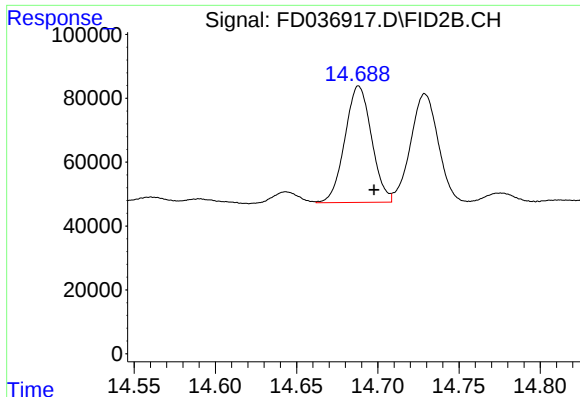
#12 Fluoranthene (C21.85)

R.T.: 12.526 min
Delta R.T.: -0.009 min
Response: 907402
Conc: 6.46 ug/ml



#13 Pyrene (C20.8)

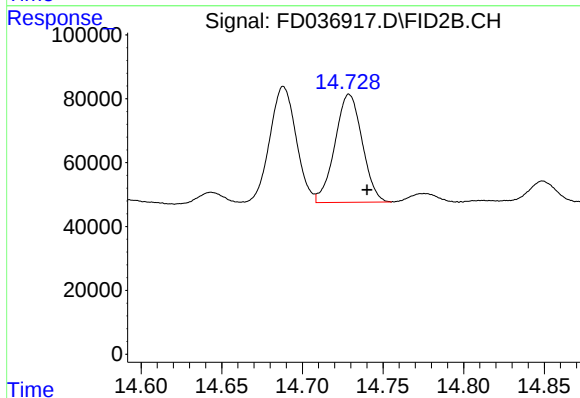
R.T.: 12.822 min
Delta R.T.: -0.009 min
Response: 694088
Conc: 5.06 ug/ml



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

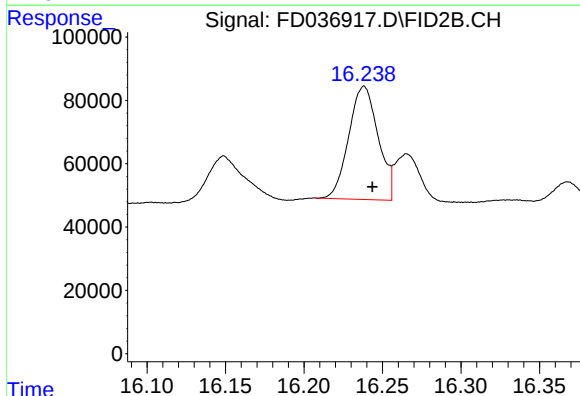
R.T.: 14.688 min
Delta R.T.: -0.009 min
Response: 415945
Conc: 3.50 ug/ml

Instrument :
FID_D
ClientSampleId :



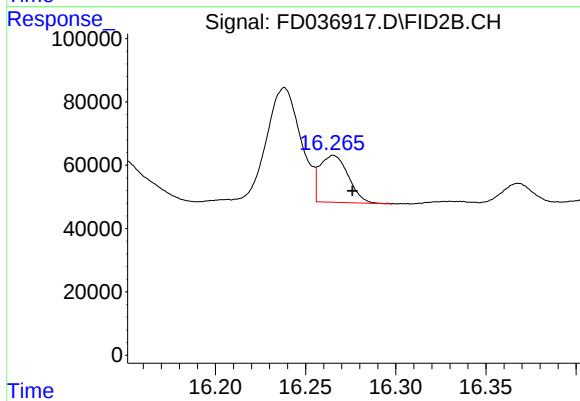
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: -0.011 min
Response: 398401
Conc: 3.29 ug/ml



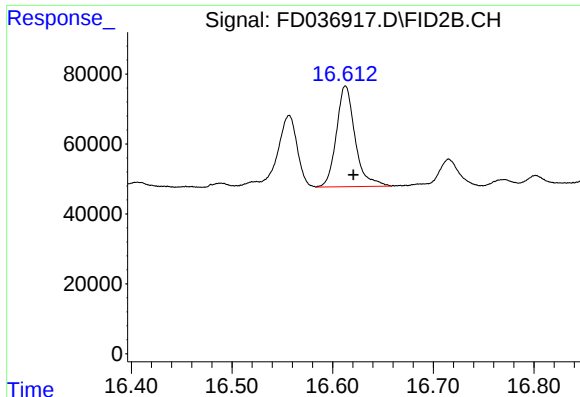
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.238 min
Delta R.T.: -0.005 min
Response: 466186
Conc: 4.25 ug/ml



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

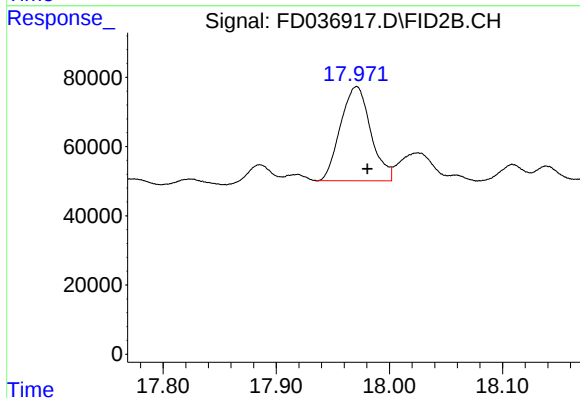
R.T.: 16.266 min
Delta R.T.: -0.010 min
Response: 163307
Conc: 1.54 ug/ml



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

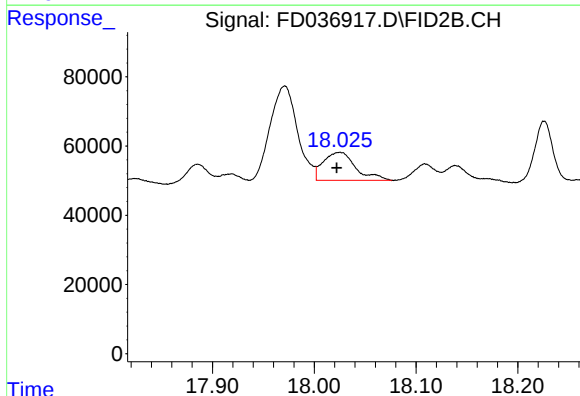
R.T.: 16.613 min
Delta R.T.: -0.008 min
Response: 371686
Conc: 3.73 ug/ml

Instrument :
FID_D
ClientSampleId :



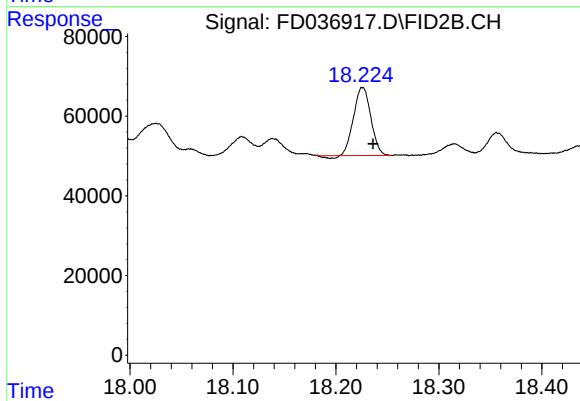
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.971 min
Delta R.T.: -0.009 min
Response: 505688
Conc: 5.03 ug/ml



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

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 178794
Conc: 1.77 ug/ml



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

R.T.: 18.226 min
Delta R.T.: -0.010 min
Response: 196828
Conc: 1.94 ug/ml