

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036843.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 8:11
 Operator : DD\AJ
 Sample : M1967-07
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 12 01:11:04 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...	7.590	4979793	35.407 ug/ml
Spiked Amount 50.000		Recovery =	70.81%
6) S 2-Fluorobiphenyl (SURR)	8.452	3148651	33.543 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.09%
11) S ortho-Terphenyl (SURR)	11.492	4031797	26.398 ug/ml
Spiked Amount 50.000		Recovery =	52.80%
Target Compounds			
9) T Phenanthrene (C19.36)	10.720	115379	0.787 ug/ml
12) T Fluoranthene (C21.85)	12.528	284045	2.023 ug/ml
13) T Pyrene (C20.8)	12.825	272179	1.984 ug/ml
14) T Benzo[a]anthracene (C...	14.693	127280	1.072 ug/ml
15) T Chrysene (C27.41)	14.734	144263	1.193 ug/ml
16) T benzo[b]fluoranthene ...	16.241	114775	1.046 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	114775	1.080 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	153504	1.540 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.971	281244	2.798 ug/ml
20) T Dibenz[a,h]anthracene...	17.971f	281244	2.789 ug/ml
21) T Benzo[g,h,i]perylene ...	18.229	107793	1.064 ug/ml

(f)=RT Delta > 1/2 Window

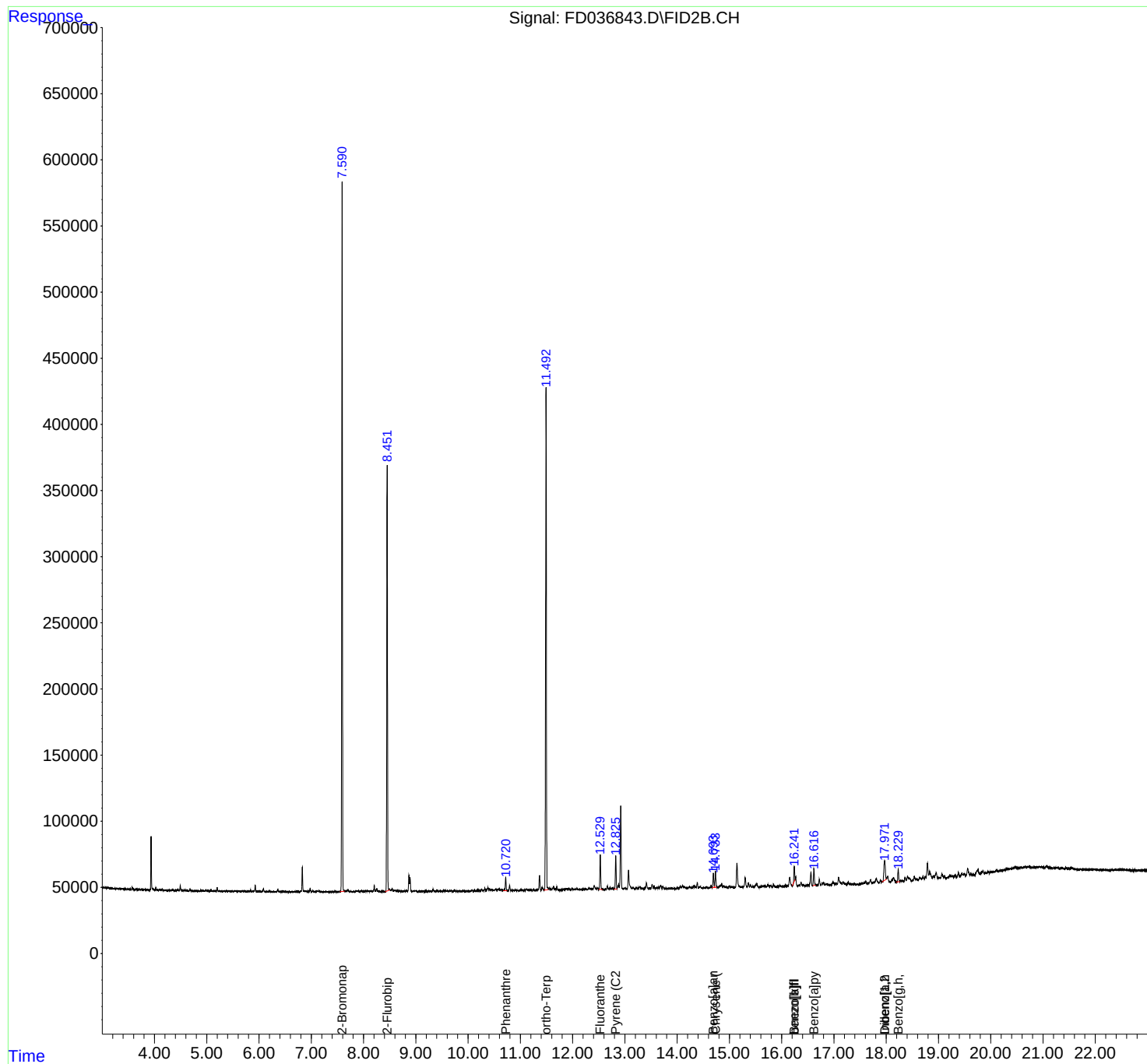
(m)=manual int.

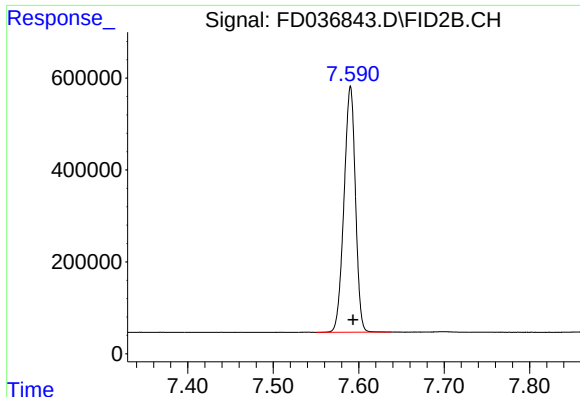
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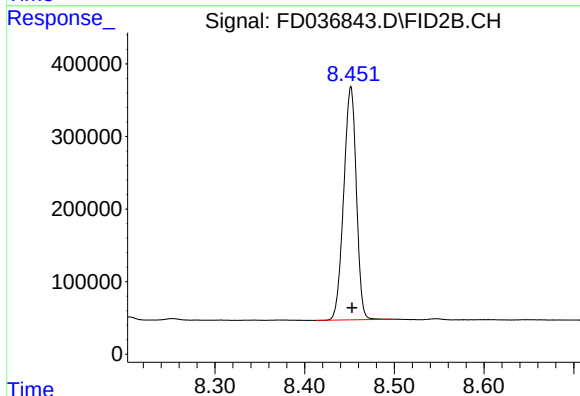




#4 2-Bromonaphthalene (SURRE)

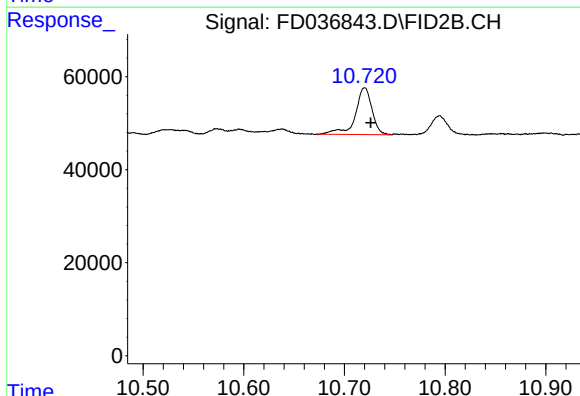
R.T.: 7.590 min
Delta R.T.: -0.003 min
Response: 4979793
Conc: 35.41 ug/ml

Instrument :
FID_D
ClientSampleId :



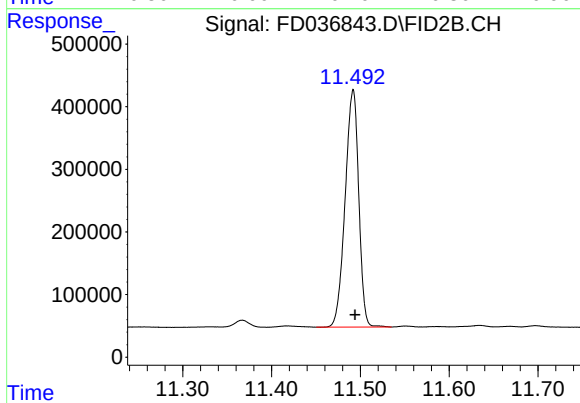
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.452 min
Delta R.T.: -0.001 min
Response: 3148651
Conc: 33.54 ug/ml



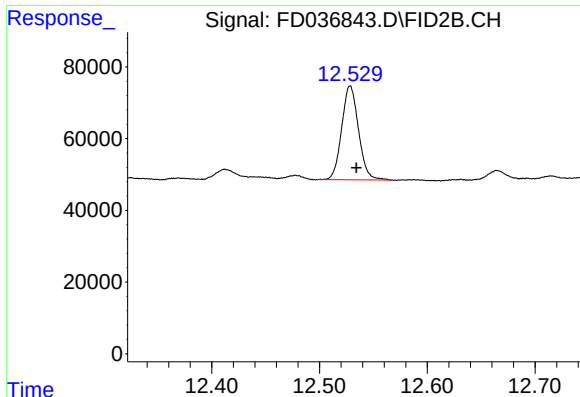
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.006 min
Response: 115379
Conc: 0.79 ug/ml



#11 ortho-Terphenyl (SURRE)

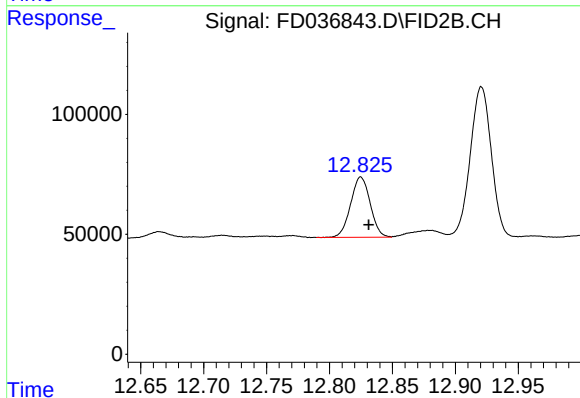
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 4031797
Conc: 26.40 ug/ml



#12 Fluoranthene (C21.85)

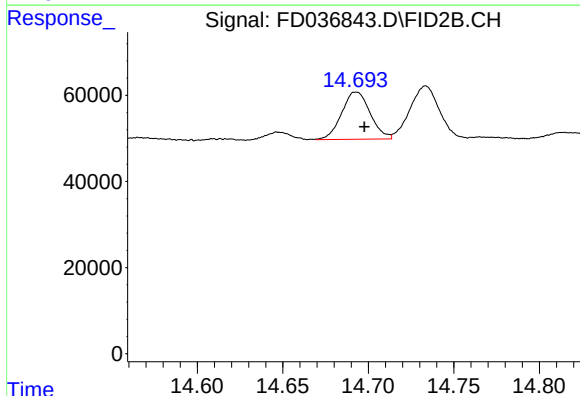
R.T.: 12.528 min
Delta R.T.: -0.006 min
Response: 284045
Conc: 2.02 ug/ml

Instrument :
FID_D
ClientSampleId :



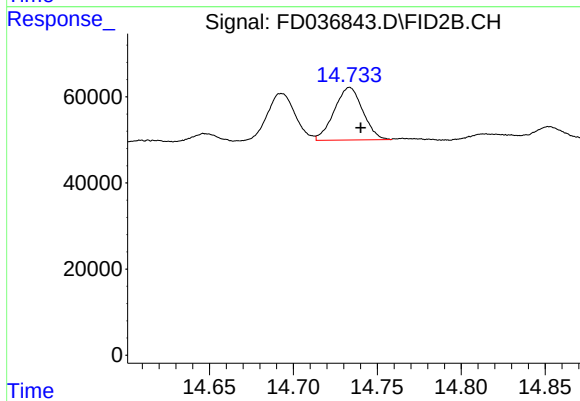
#13 Pyrene (C20.8)

R.T.: 12.825 min
Delta R.T.: -0.006 min
Response: 272179
Conc: 1.98 ug/ml



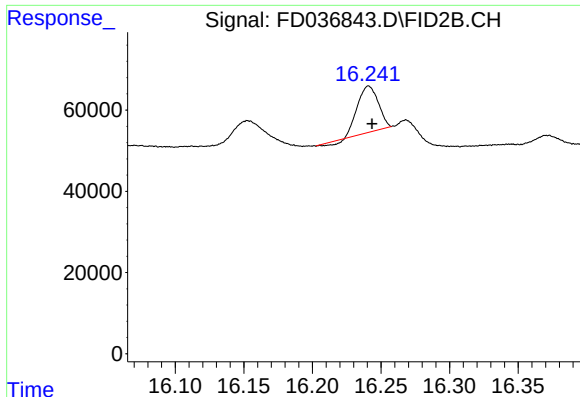
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.005 min
Response: 127280
Conc: 1.07 ug/ml



#15 Chrysene (C27.41)

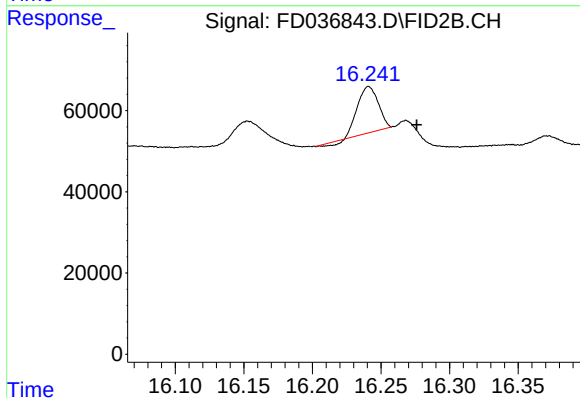
R.T.: 14.734 min
Delta R.T.: -0.007 min
Response: 144263
Conc: 1.19 ug/ml



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

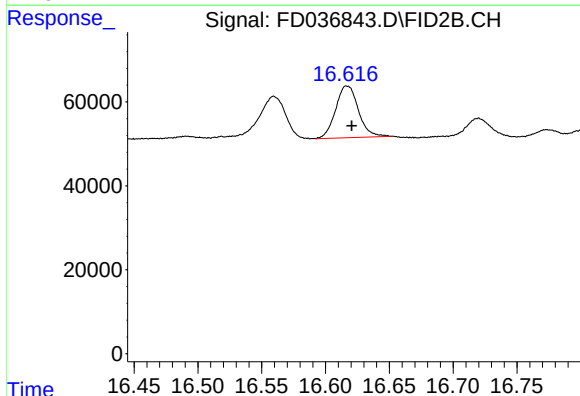
R.T.: 16.241 min
Delta R.T.: -0.003 min
Response: 114775
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



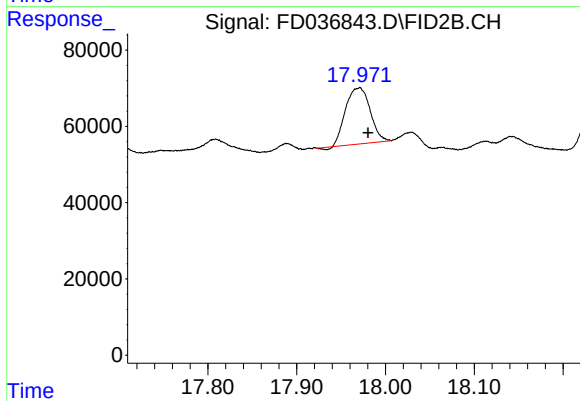
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.241 min
Delta R.T.: -0.035 min
Response: 114775
Conc: 1.08 ug/ml



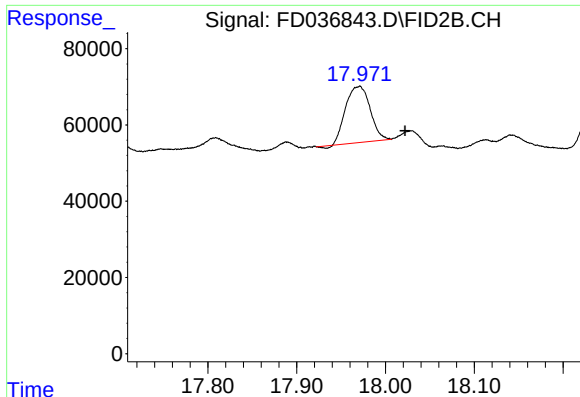
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.004 min
Response: 153504
Conc: 1.54 ug/ml



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

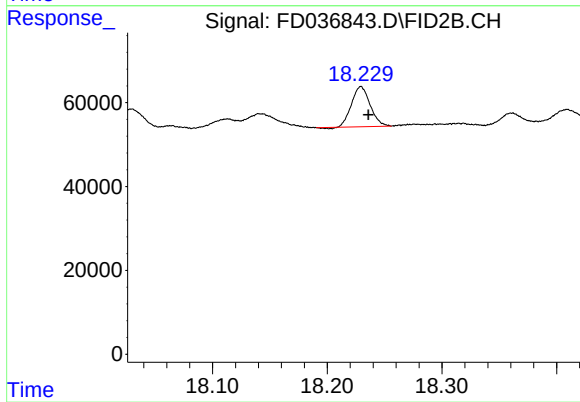
R.T.: 17.971 min
Delta R.T.: -0.010 min
Response: 281244
Conc: 2.80 ug/ml



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

R.T.: 17.971 min
Delta R.T.: -0.051 min
Response: 281244
Conc: 2.79 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.229 min
Delta R.T.: -0.007 min
Response: 107793
Conc: 1.06 ug/ml