

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036842.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 7:33
 Operator : DD\AJ
 Sample : M1967-06
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 12 01:10:50 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...	7.591	5241816	37.270 ug/ml
Spiked Amount 50.000		Recovery =	74.54%
6) S 2-Fluorobiphenyl (SURR)	8.451	3298583	35.140 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.28%
11) S ortho-Terphenyl (SURR)	11.492	4340099	28.417 ug/ml
Spiked Amount 50.000		Recovery =	56.83%
Target Compounds			
9) T Phenanthrene (C19.36)	10.720	117946	0.805 ug/ml
12) T Fluoranthene (C21.85)	12.528	306224	2.181 ug/ml
13) T Pyrene (C20.8)	12.826	286334	2.087 ug/ml
14) T Benzo[a]anthracene (C...	14.693	146197	1.231 ug/ml
15) T Chrysene (C27.41)	14.733	163163	1.349 ug/ml
16) T benzo[b]fluoranthene ...	16.241	126309	1.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	126309	1.188 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	173775	1.744 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.966	315396	3.138 ug/ml
20) T Dibenz[a,h]anthracene...	17.966f	315396	3.128 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	101975	1.006 ug/ml

(f)=RT Delta > 1/2 Window

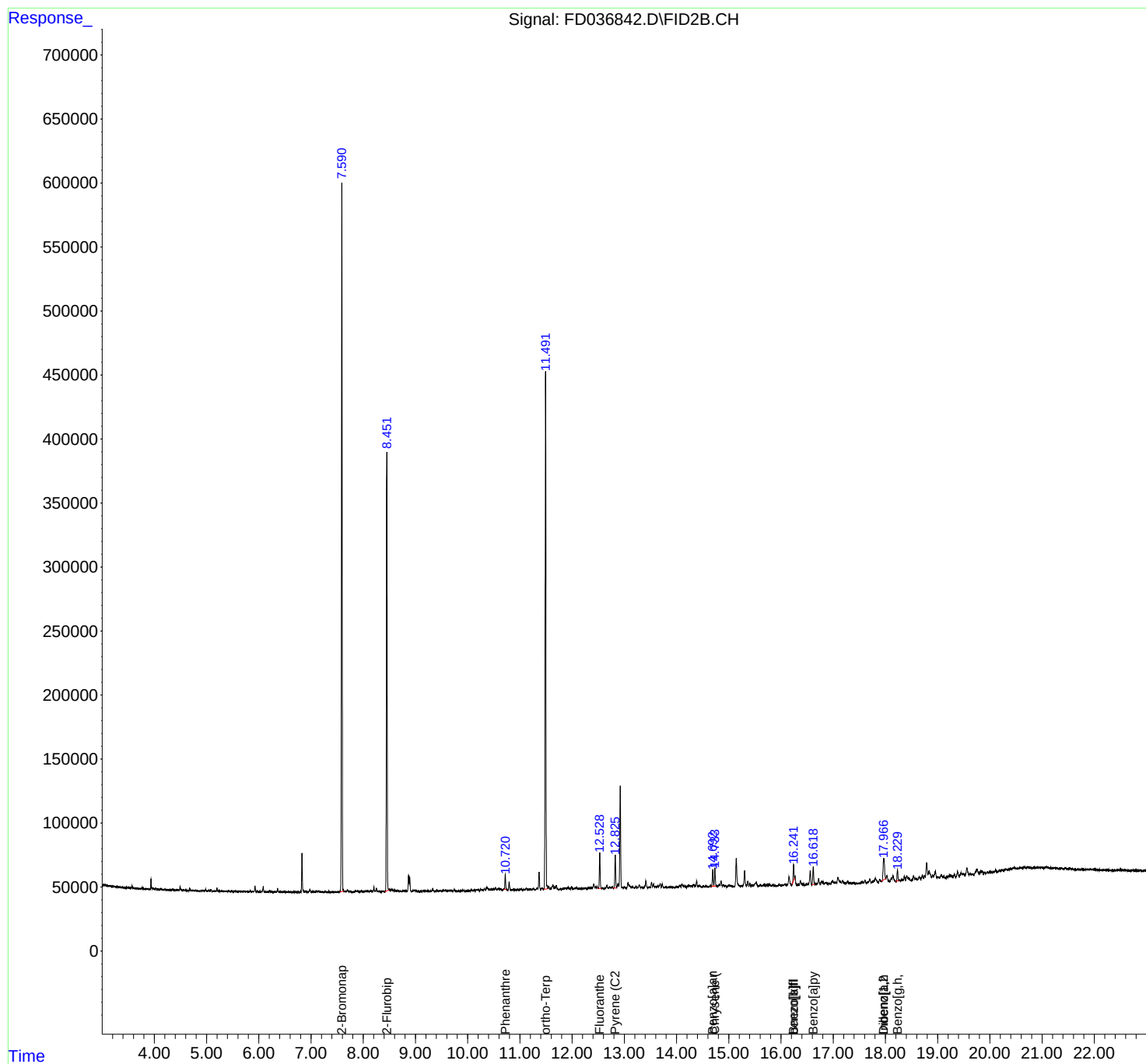
(m)=manual int.

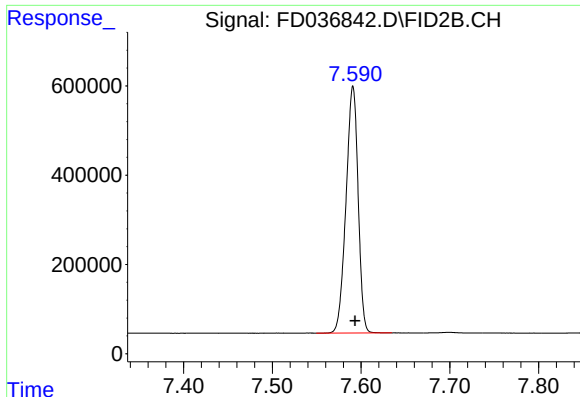
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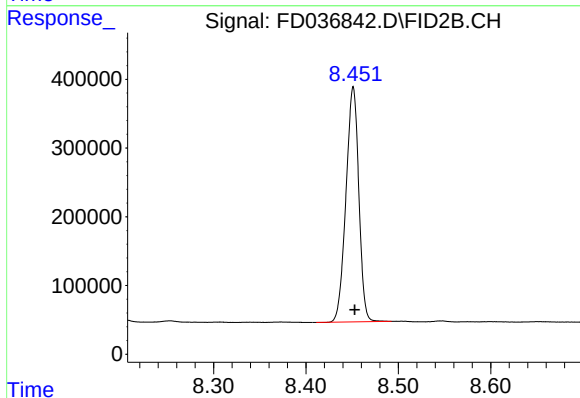




#4 2-Bromonaphthalene (SURRE)

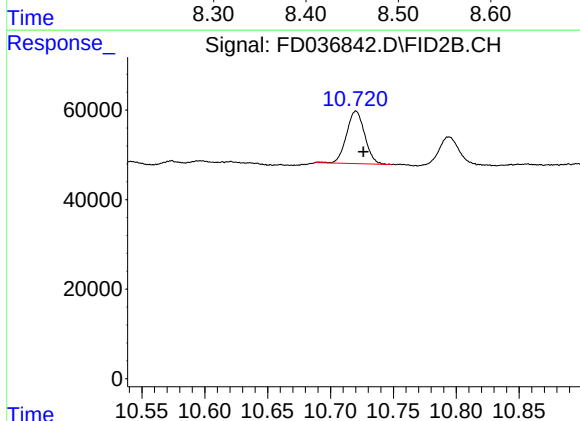
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 5241816
Conc: 37.27 ug/ml

Instrument :
FID_D
ClientSampleId :



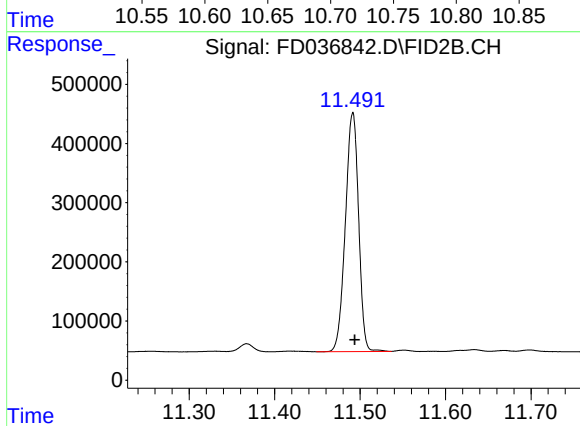
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 3298583
Conc: 35.14 ug/ml



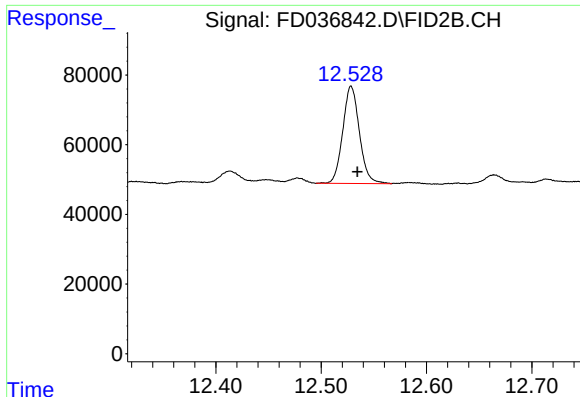
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.006 min
Response: 117946
Conc: 0.80 ug/ml



#11 ortho-Terphenyl (SURRE)

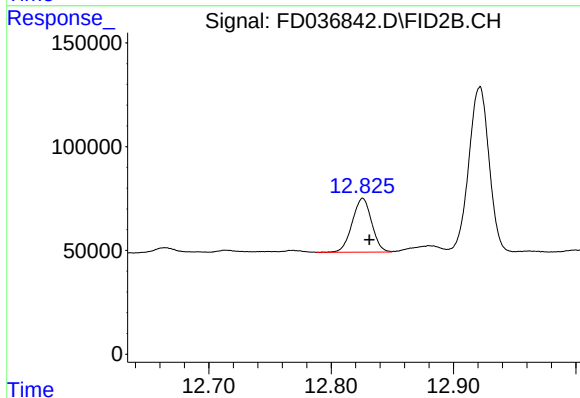
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 4340099
Conc: 28.42 ug/ml



#12 Fluoranthene (C21.85)

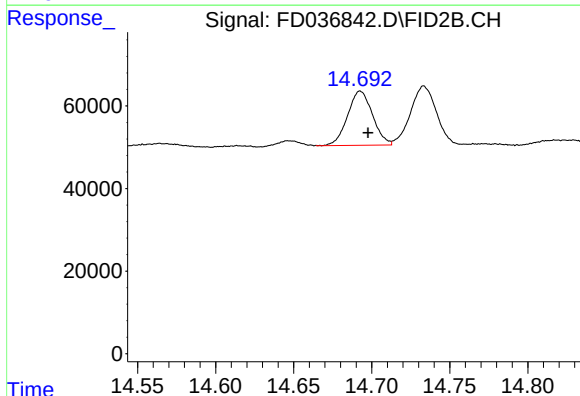
R.T.: 12.528 min
Delta R.T.: -0.006 min
Response: 306224
Conc: 2.18 ug/ml

Instrument :
FID_D
ClientSampleId :



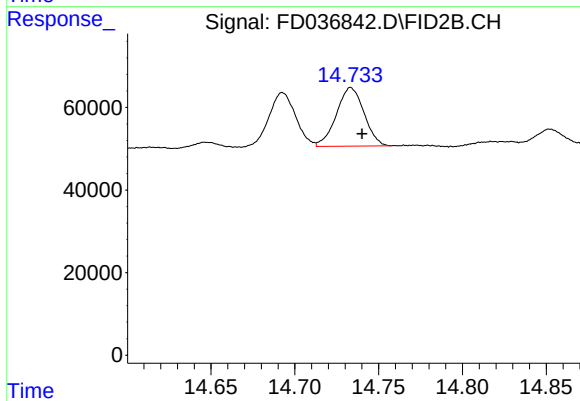
#13 Pyrene (C20.8)

R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 286334
Conc: 2.09 ug/ml



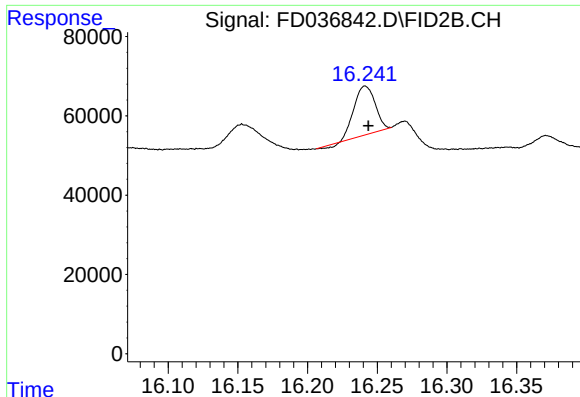
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.005 min
Response: 146197
Conc: 1.23 ug/ml



#15 Chrysene (C27.41)

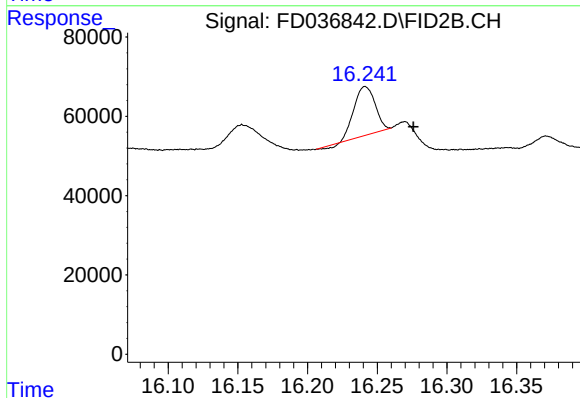
R.T.: 14.733 min
Delta R.T.: -0.007 min
Response: 163163
Conc: 1.35 ug/ml



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

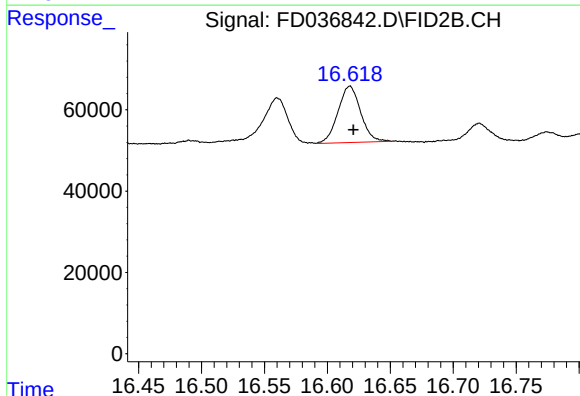
R.T.: 16.241 min
Delta R.T.: -0.002 min
Response: 126309
Conc: 1.15 ug/ml

Instrument :
FID_D
ClientSampleId :



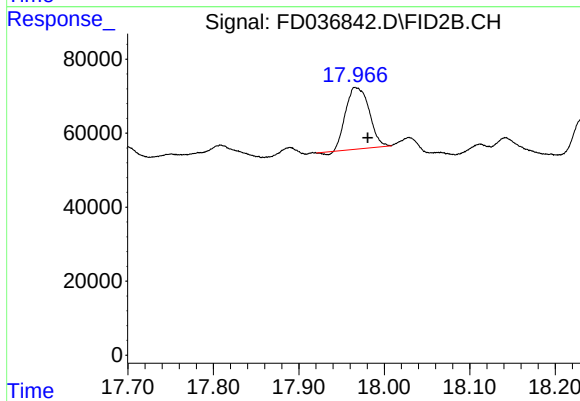
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.241 min
Delta R.T.: -0.035 min
Response: 126309
Conc: 1.19 ug/ml



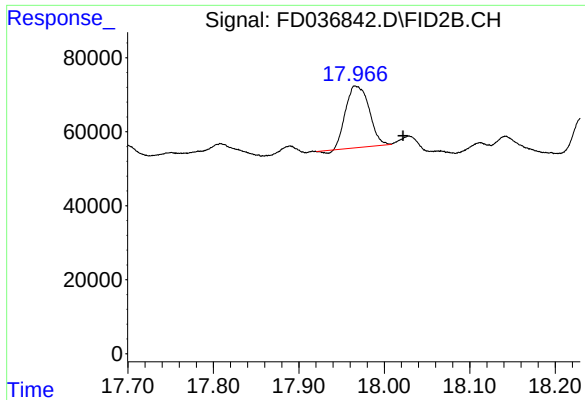
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: -0.003 min
Response: 173775
Conc: 1.74 ug/ml



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

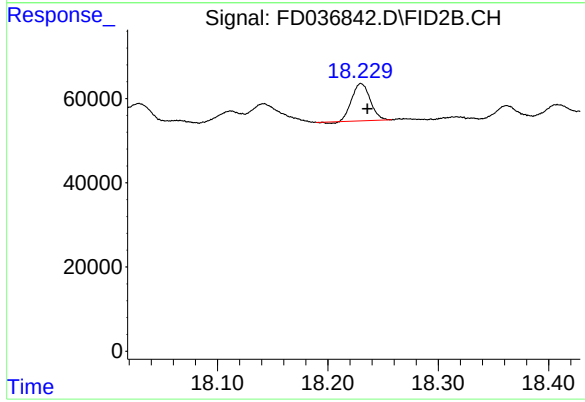
R.T.: 17.966 min
Delta R.T.: -0.015 min
Response: 315396
Conc: 3.14 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.056 min
Response: 315396
Conc: 3.13 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.230 min
Delta R.T.: -0.006 min
Response: 101975
Conc: 1.01 ug/ml