

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037073.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 10:55
 Operator : DD\AJ
 Sample : M2090-13
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 13:22:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.576	5355550	45.295 ug/ml
Spiked Amount 50.000		Recovery =	90.59%
6) S 2-Fluorobiphenyl (SURR)	8.436	3245937	42.066 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.13%
11) S ortho-Terphenyl (SURR)	11.476	2267429	18.357 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
Target Compounds			
9) T Phenanthrene (C19.36)	10.705	517885	4.393 ug/ml
10) T Anthracene (C19.43)	10.780	150927	1.310 ug/ml
12) T Fluoranthene (C21.85)	12.516	1027646	8.811 ug/ml
13) T Pyrene (C20.8)	12.812	862338	7.491 ug/ml
14) T Benzo[a]anthracene (C...	14.681	460597	4.185 ug/ml
15) T Chrysene (C27.41)	14.720	435248	3.845 ug/ml
16) T benzo[b]fluoranthene ...	16.231	534733	4.767 ug/ml
17) T Bnezo[k]fluoranthene ...	16.258	170336	1.581 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.608	409969	3.961 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.969	266428	2.505 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	266428	2.550 ug/ml
21) T Benzo[g,h,i]perylene ...	18.223	267038	2.500 ug/ml

(f)=RT Delta > 1/2 Window

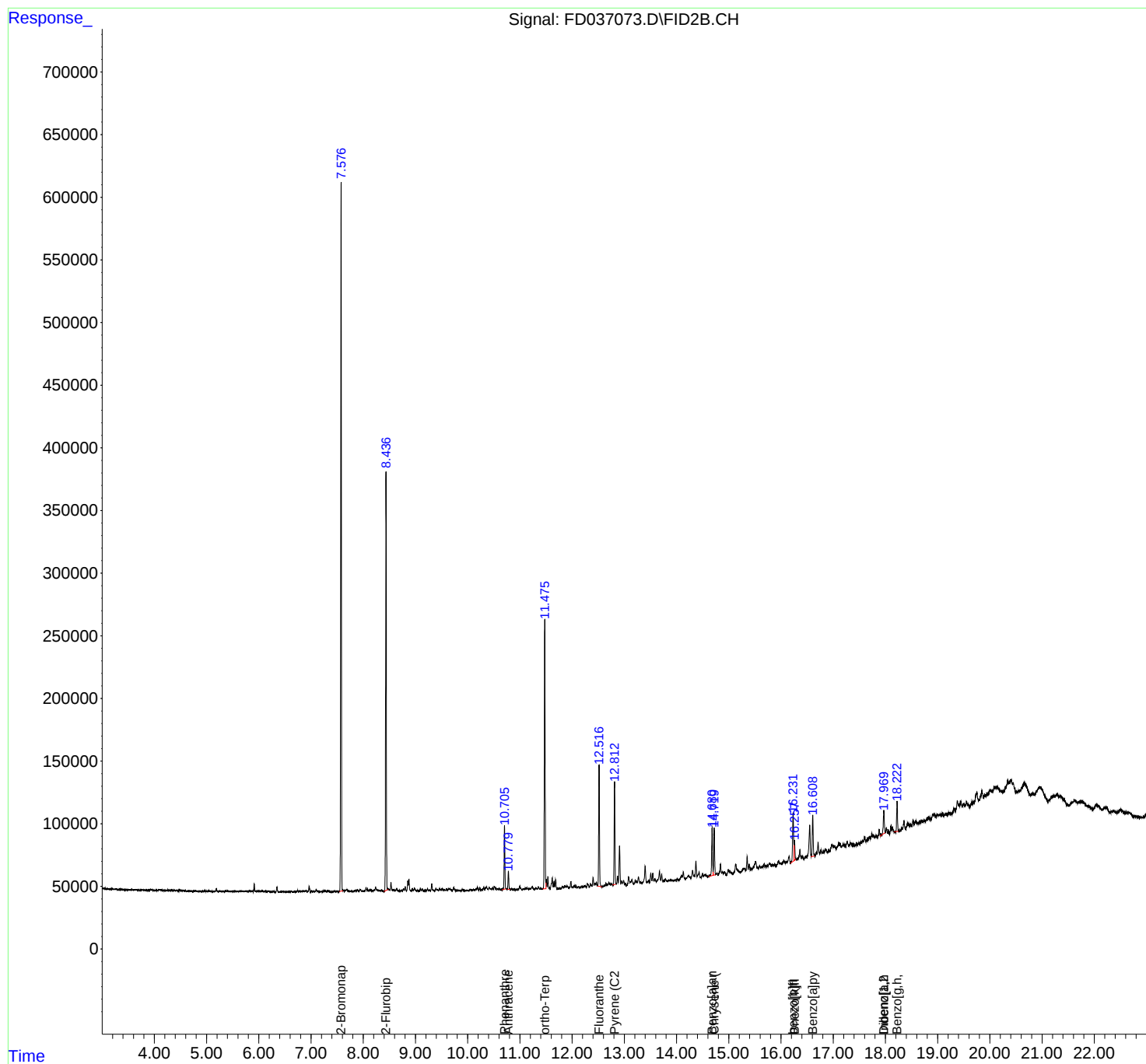
(m)=manual int.

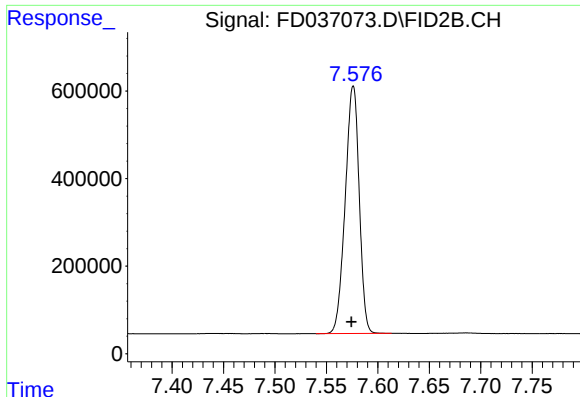
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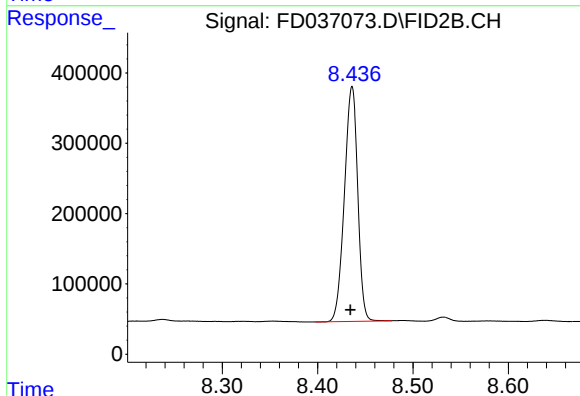




#4 2-Bromonaphthalene (SURRE)

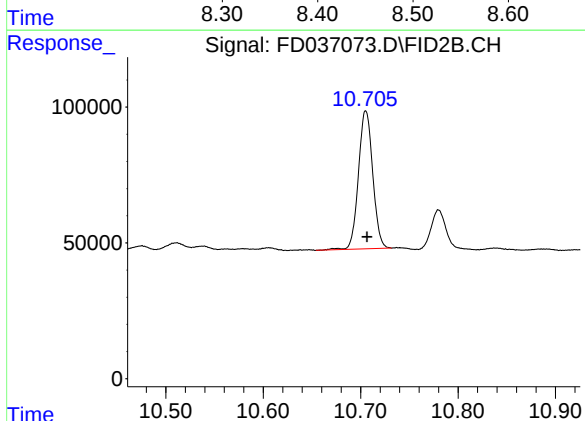
R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 5355550
Conc: 45.30 ug/ml

Instrument :
FID_D
ClientSampleId :



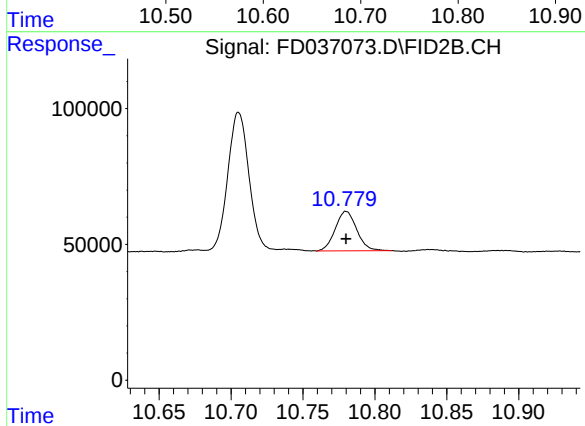
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.436 min
Delta R.T.: 0.002 min
Response: 3245937
Conc: 42.07 ug/ml



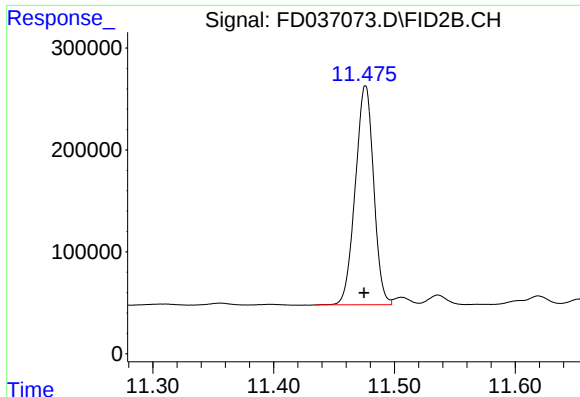
#9 Phenanthrene (C19.36)

R.T.: 10.705 min
Delta R.T.: -0.001 min
Response: 517885
Conc: 4.39 ug/ml



#10 Anthracene (C19.43)

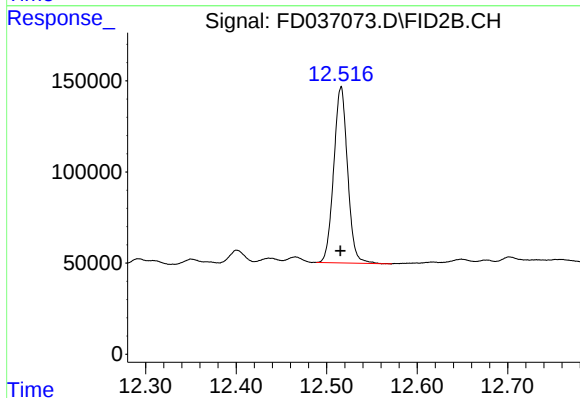
R.T.: 10.780 min
Delta R.T.: 0.000 min
Response: 150927
Conc: 1.31 ug/ml



#11 ortho-Terphenyl (SURR)

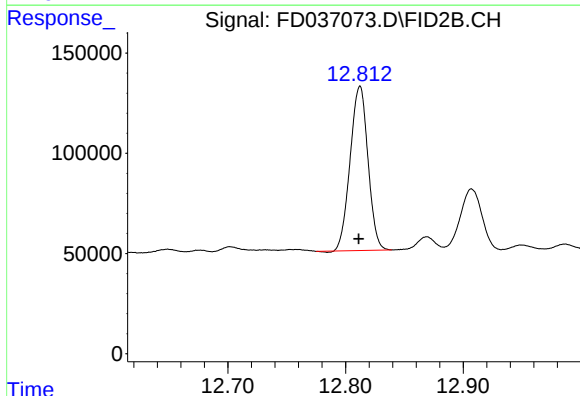
R.T.: 11.476 min
Delta R.T.: 0.001 min
Response: 2267429
Conc: 18.36 ug/ml

Instrument :
FID_D
ClientSampleId :



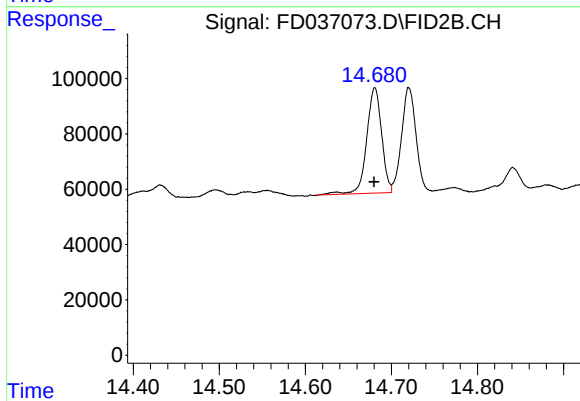
#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: 0.000 min
Response: 1027646
Conc: 8.81 ug/ml



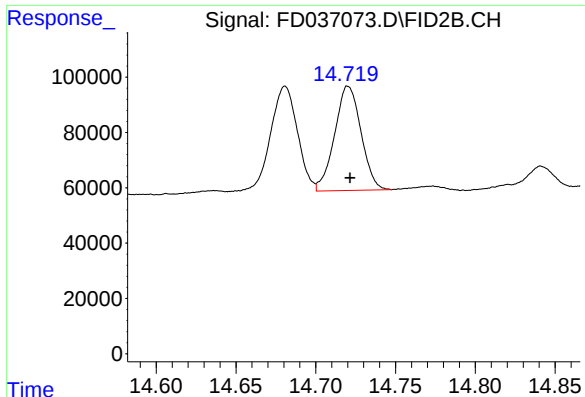
#13 Pyrene (C20.8)

R.T.: 12.812 min
Delta R.T.: 0.001 min
Response: 862338
Conc: 7.49 ug/ml



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

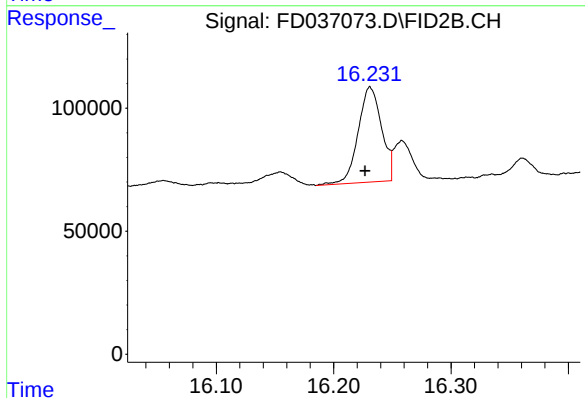
R.T.: 14.681 min
Delta R.T.: 0.001 min
Response: 460597
Conc: 4.18 ug/ml



#15 Chrysene (C27.41)

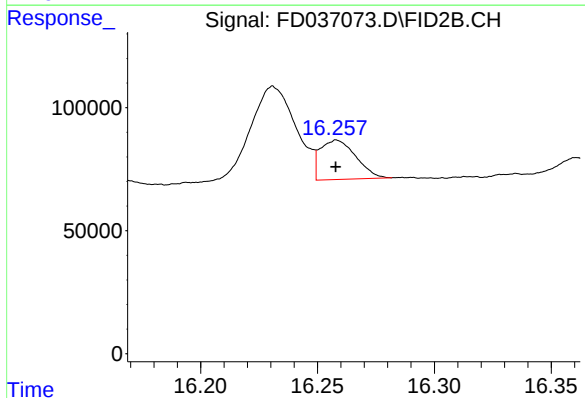
R.T.: 14.720 min
Delta R.T.: -0.001 min
Response: 435248
Conc: 3.84 ug/ml

Instrument :
FID_D
ClientSampleId :



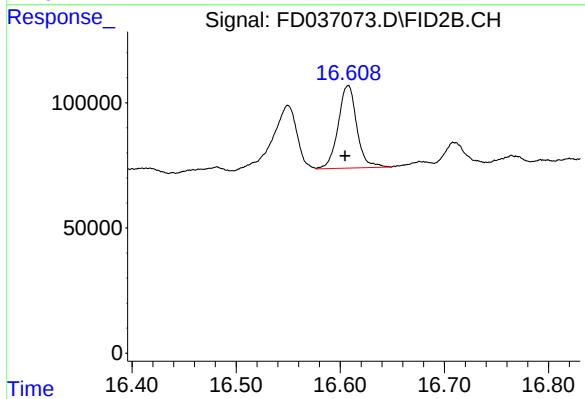
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.231 min
Delta R.T.: 0.004 min
Response: 534733
Conc: 4.77 ug/ml



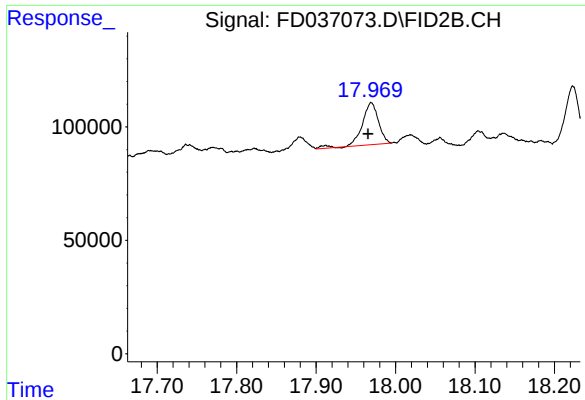
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min
Delta R.T.: 0.000 min
Response: 170336
Conc: 1.58 ug/ml



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

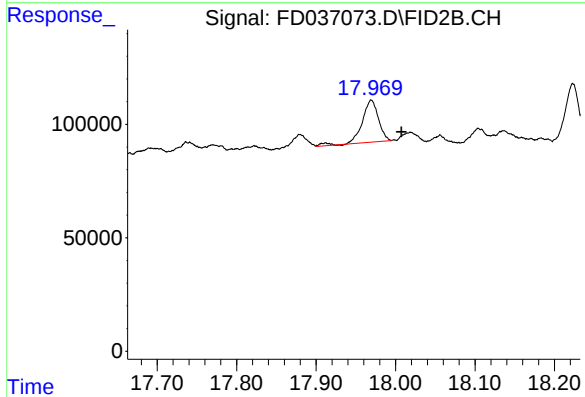
R.T.: 16.608 min
Delta R.T.: 0.003 min
Response: 409969
Conc: 3.96 ug/ml



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

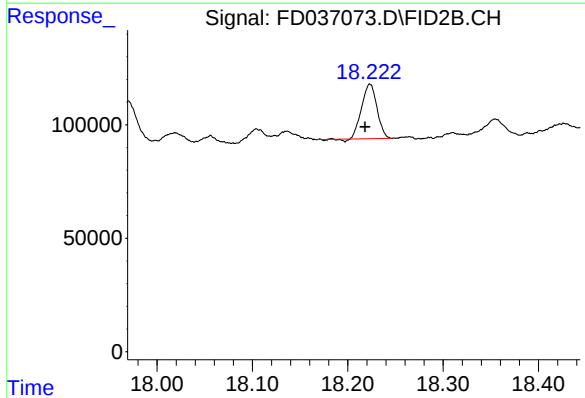
R.T.: 17.969 min
Delta R.T.: 0.004 min
Response: 266428
Conc: 2.50 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.969 min
Delta R.T.: -0.038 min
Response: 266428
Conc: 2.55 ug/ml



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

R.T.: 18.223 min
Delta R.T.: 0.005 min
Response: 267038
Conc: 2.50 ug/ml