

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042419AR\
 Data File : FD029041.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2019 20:41
 Operator : AJ\SJ
 Sample : K2542-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 25 03:22:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 2019
 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...	7.090	5197741	52.110 ug/ml
Spiked Amount 50.000		Recovery =	104.22%
6) S 2-Fluorobiphenyl (SURR)	7.956	3436689	50.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.30%
11) S ortho-Terphenyl (SURR)	10.992	2412207	22.640 ug/ml
Spiked Amount 50.000		Recovery =	45.28%
Target Compounds			
9) T Phenanthrene (C19.36)	10.228	667929	6.222 ug/ml
12) T Fluoranthene (C21.85)	12.040	1601359	15.937 ug/ml
13) T Pyrene (C20.8)	12.337	1235928	12.177 ug/ml
14) T Benzo[a]anthracene (C...	14.200	824716	8.132 ug/ml
15) T Chrysene (C27.41)	14.242	908495	8.912 ug/ml
16) T benzo[b]fluoranthene ...	15.749	1163040	10.840 ug/ml
17) T Bnezo[k]fluoranthene ...	15.777	401402	3.780 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.126	803308	7.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.485	448623	4.154 ug/ml
20) T Dibenz[a,h]anthracene...	17.485	448623	4.232 ug/ml
21) T Benzo[g,h,i]perylene ...	17.738	466461	4.357 ug/ml

(f)=RT Delta > 1/2 Window

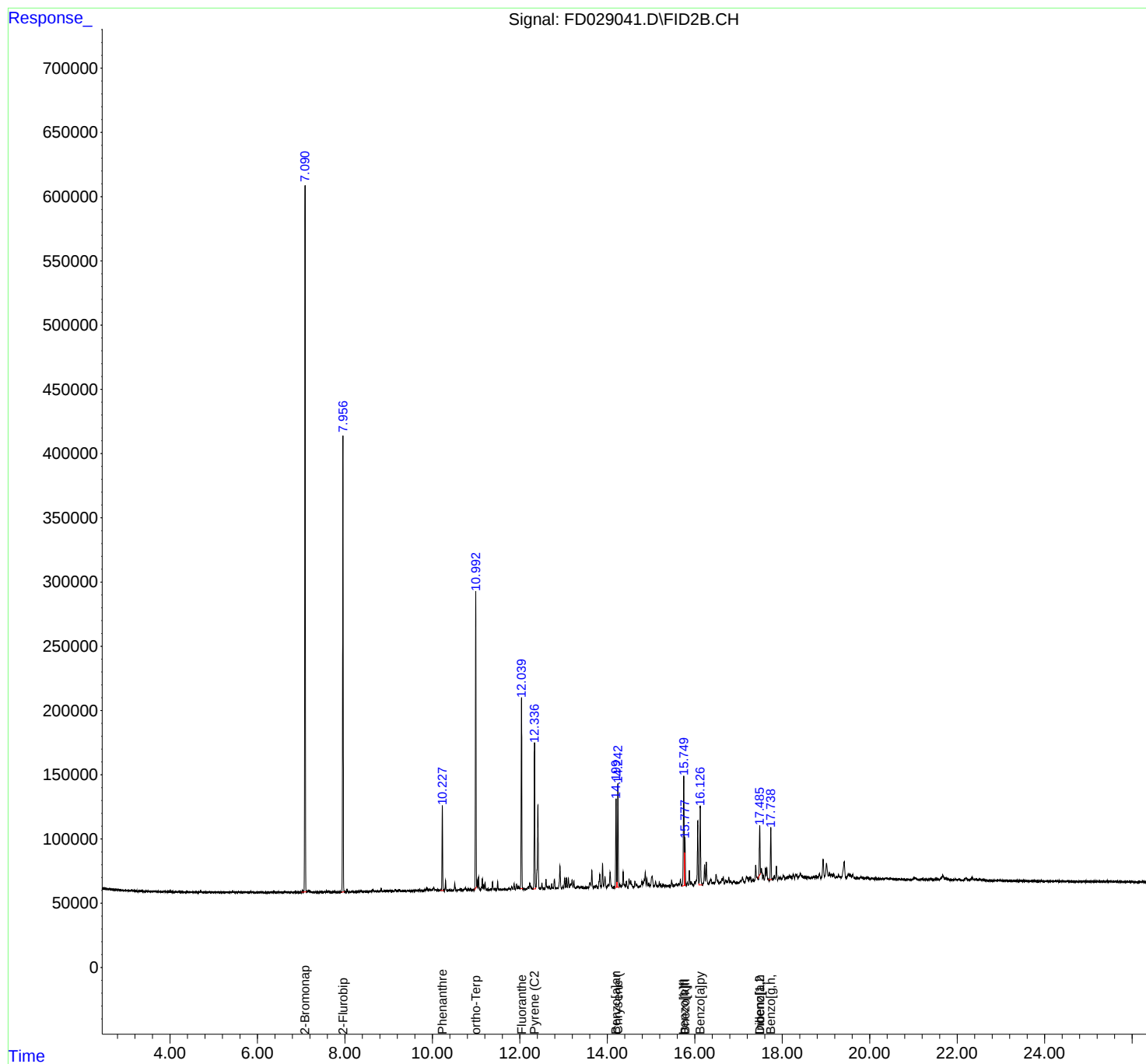
(m)=manual int.

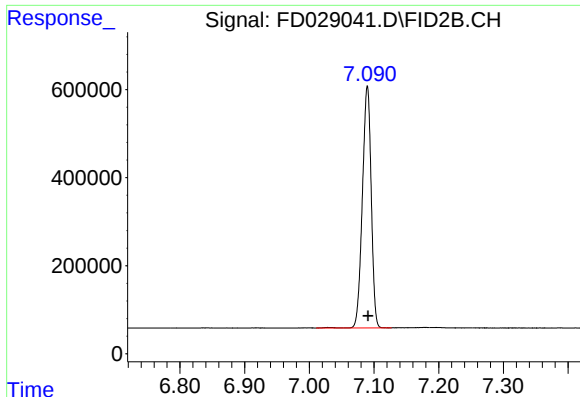
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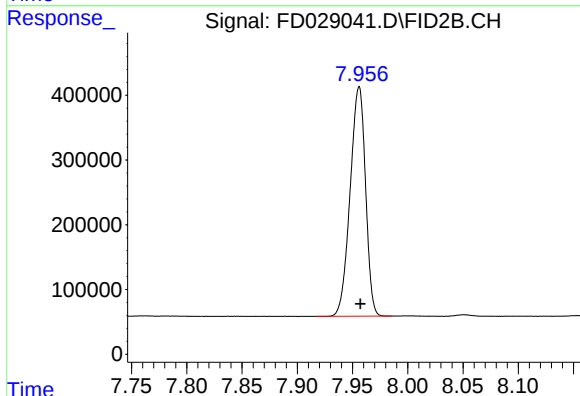




#4 2-Bromonaphthalene (SURRE)

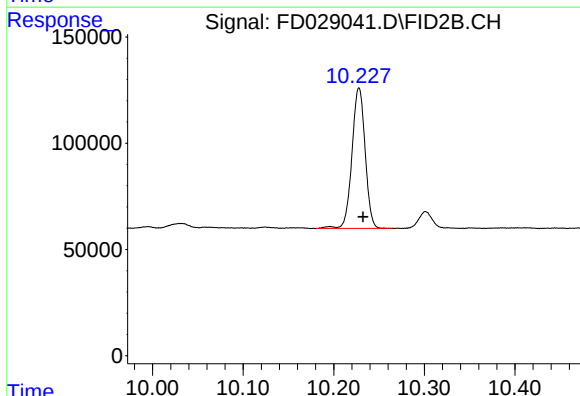
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 5197741
Conc: 52.11 ug/ml

Instrument :
FID_D
ClientSampleId :



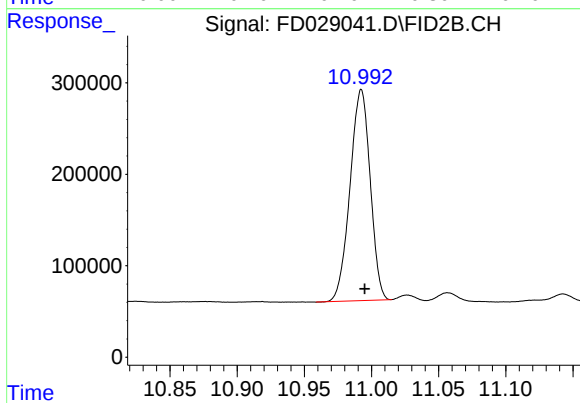
#6 2-Fluorobiphenyl (SURRE)

R.T.: 7.956 min
Delta R.T.: -0.001 min
Response: 3436689
Conc: 50.15 ug/ml



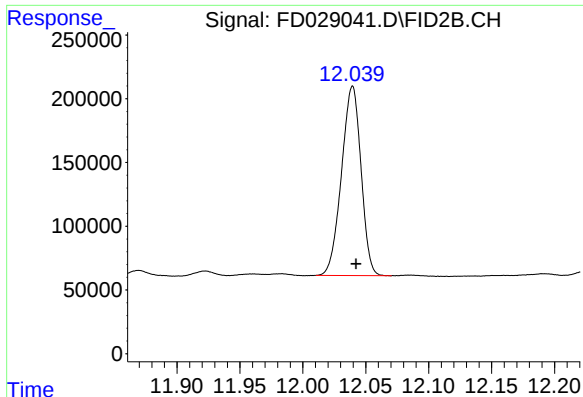
#9 Phenanthrene (C19.36)

R.T.: 10.228 min
Delta R.T.: -0.005 min
Response: 667929
Conc: 6.22 ug/ml



#11 ortho-Terphenyl (SURRE)

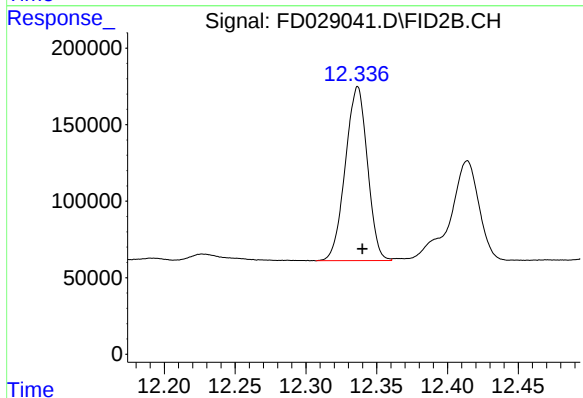
R.T.: 10.992 min
Delta R.T.: -0.002 min
Response: 2412207
Conc: 22.64 ug/ml



#12 Fluoranthene (C21.85)

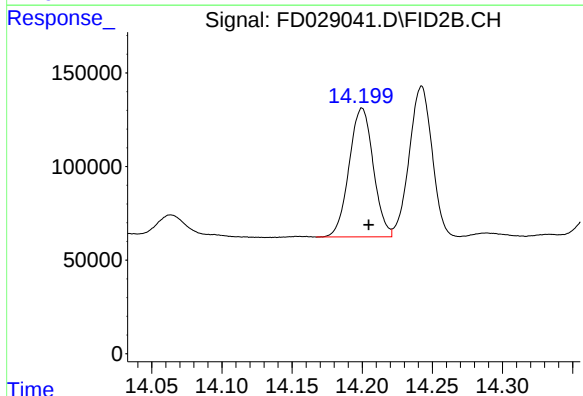
R.T.: 12.040 min
Delta R.T.: -0.003 min
Response: 1601359
Conc: 15.94 ug/ml

Instrument :
FID_D
ClientSampleId :



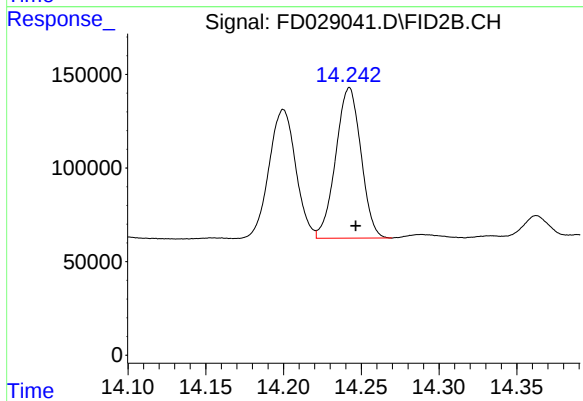
#13 Pyrene (C20.8)

R.T.: 12.337 min
Delta R.T.: -0.003 min
Response: 1235928
Conc: 12.18 ug/ml



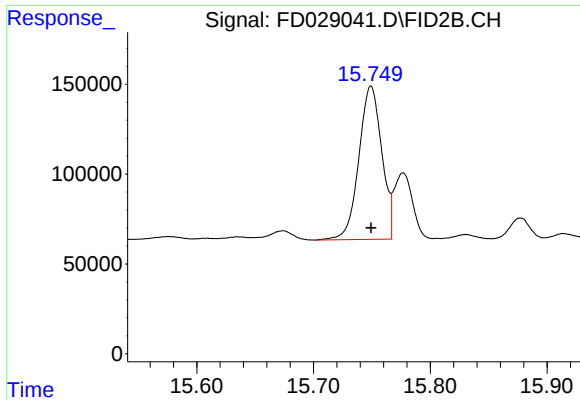
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.200 min
Delta R.T.: -0.005 min
Response: 824716
Conc: 8.13 ug/ml



#15 Chrysene (C27.41)

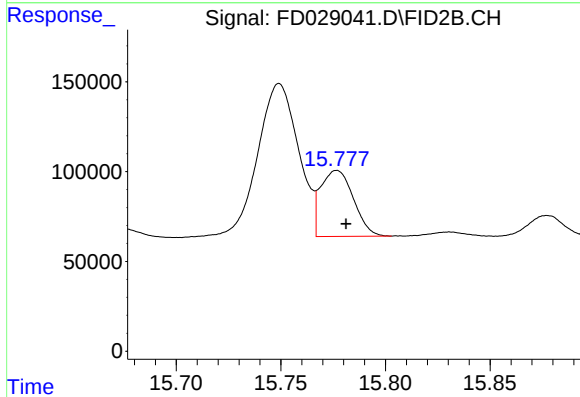
R.T.: 14.242 min
Delta R.T.: -0.004 min
Response: 908495
Conc: 8.91 ug/ml



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

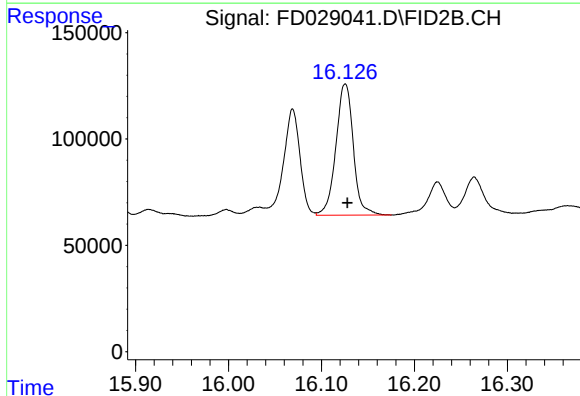
R.T.: 15.749 min
Delta R.T.: 0.000 min
Response: 1163040
Conc: 10.84 ug/ml

Instrument :
FID_D
ClientSampleId :



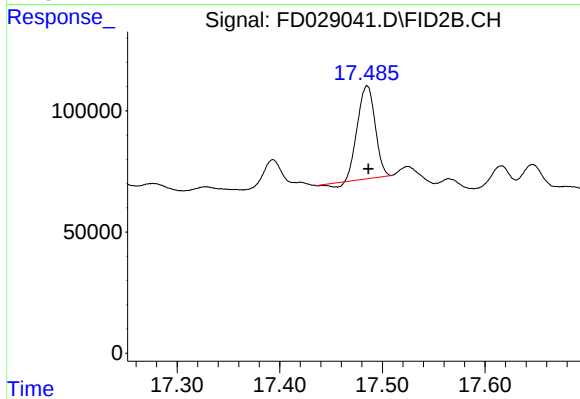
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.777 min
Delta R.T.: -0.004 min
Response: 401402
Conc: 3.78 ug/ml



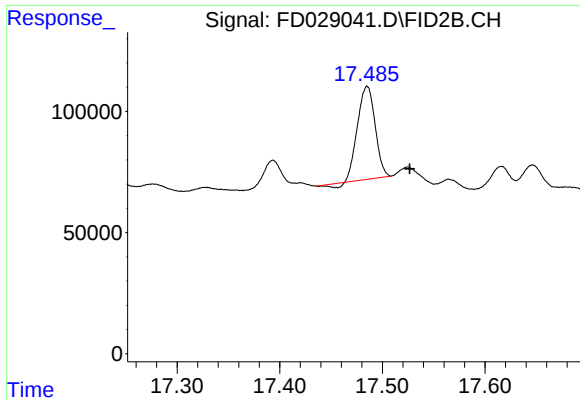
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.126 min
Delta R.T.: -0.002 min
Response: 803308
Conc: 7.52 ug/ml



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

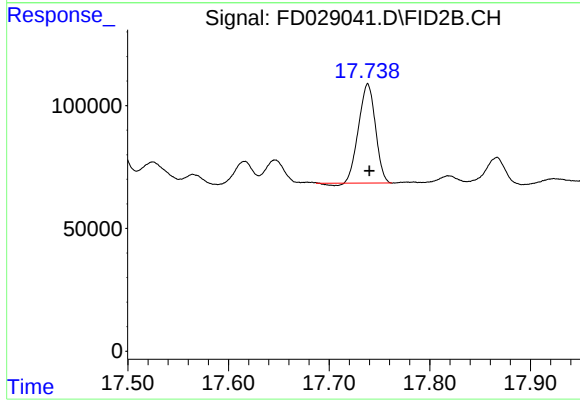
R.T.: 17.485 min
Delta R.T.: -0.001 min
Response: 448623
Conc: 4.15 ug/ml



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

R.T.: 17.485 min
Delta R.T.: -0.042 min
Response: 448623
Conc: 4.23 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.738 min
Delta R.T.: -0.002 min
Response: 466461
Conc: 4.36 ug/ml