

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030830.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2019 2:24
 Operator : DD\AJ
 Sample : K5038-09
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TS-2

Integration File: autoint1.e
 Quant Time: Sep 27 03:22:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.576	4771901	28.024 ug/ml
Spiked Amount 50.000		Recovery =	56.05%
6) S 2-Fluorobiphenyl (SURR)	8.437	3177027	27.547 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.09%
11) S ortho-Terphenyl (SURR)	11.467	4403540	23.581 ug/ml
Spiked Amount 50.000		Recovery =	47.16%
Target Compounds			
9) T Phenanthrene (C19.36)	10.705	144145	0.767 ug/ml
12) T Fluoranthene (C21.85)	12.508	339568	1.816 ug/ml
13) T Pyrene (C20.8)	12.803	318151	1.730 ug/ml
14) T Benzo[a]anthracene (C...	14.668	227819	1.317 ug/ml
15) T Chrysene (C27.41)	14.708	338996	1.910 ug/ml
16) T benzo[b]fluoranthene ...	16.216	484820	2.878 ug/ml
17) T Bnezo[k]fluoranthene ...	16.243	117844	0.692 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.592	249493	1.520 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.953	283282	1.808 ug/ml
20) T Dibenz[a,h]anthracene...	17.989	287856	1.840 ug/ml
21) T Benzo[g,h,i]perylene ...	18.206	169125	1.098 ug/ml

(f)=RT Delta > 1/2 Window

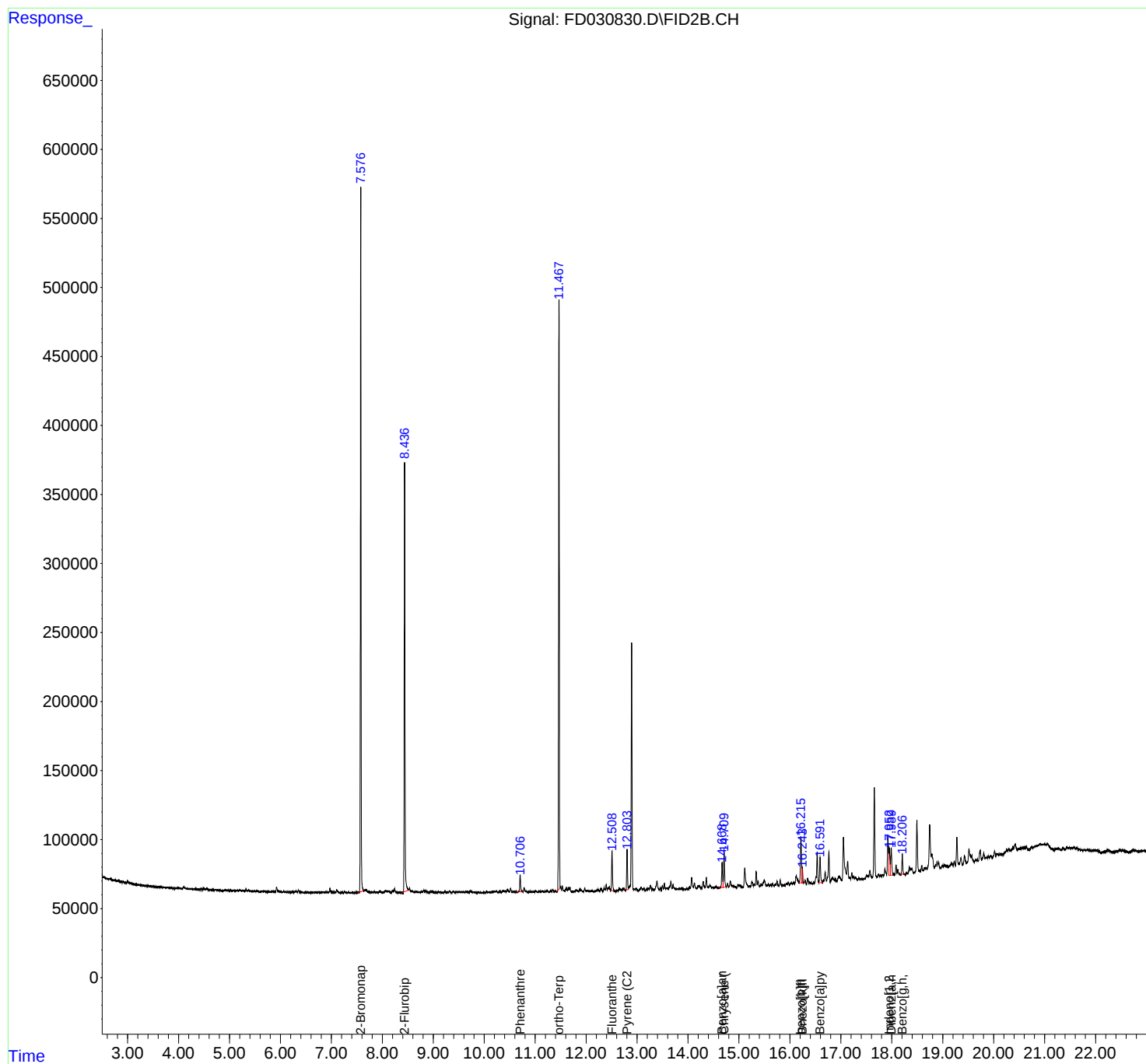
(m)=manual int.

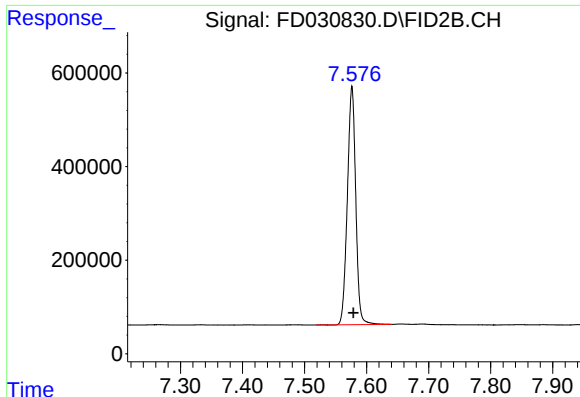
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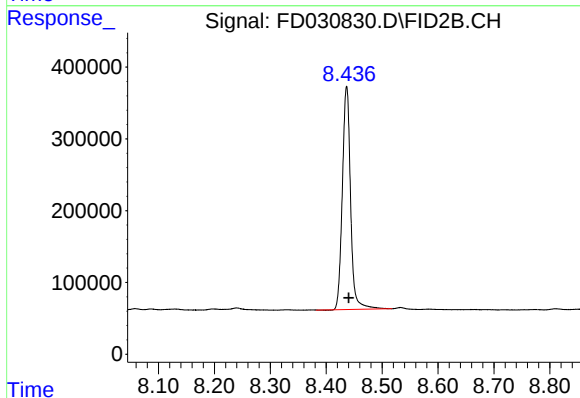




#4 2-Bromonaphthalene (SURR)

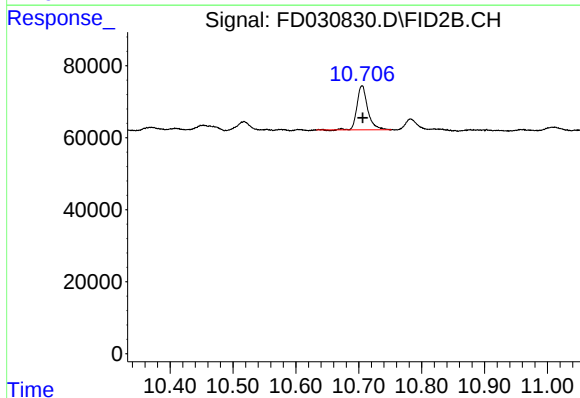
R.T.: 7.576 min
Delta R.T.: -0.002 min
Response: 4771901
Conc: 28.02 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-2



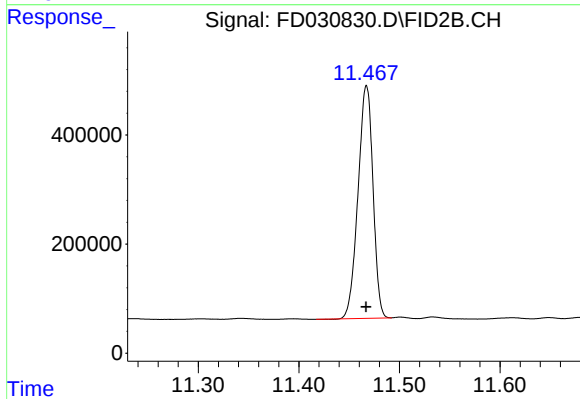
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: -0.004 min
Response: 3177027
Conc: 27.55 ug/ml



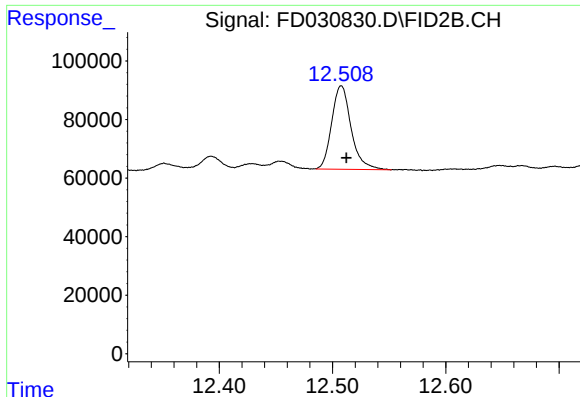
#9 Phenanthrene (C19.36)

R.T.: 10.705 min
Delta R.T.: -0.001 min
Response: 144145
Conc: 0.77 ug/ml



#11 ortho-Terphenyl (SURR)

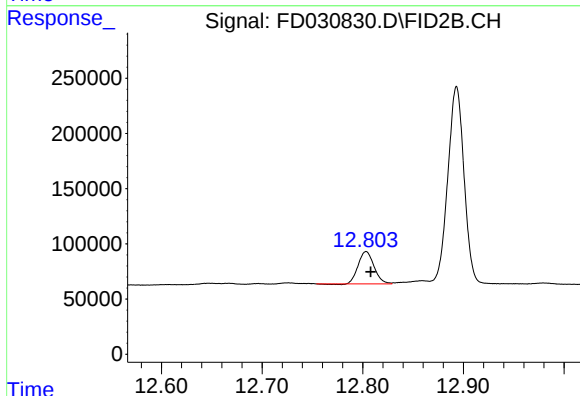
R.T.: 11.467 min
Delta R.T.: 0.000 min
Response: 4403540
Conc: 23.58 ug/ml



#12 Fluoranthene (C21.85)

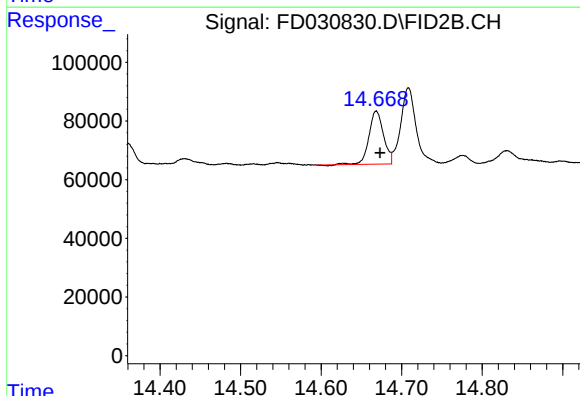
R.T.: 12.508 min
Delta R.T.: -0.005 min
Response: 339568
Conc: 1.82 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-2



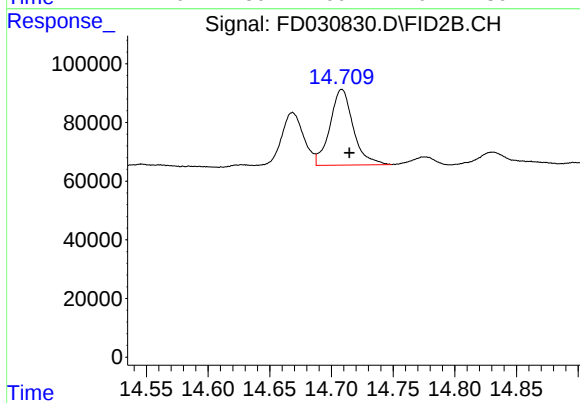
#13 Pyrene (C20.8)

R.T.: 12.803 min
Delta R.T.: -0.005 min
Response: 318151
Conc: 1.73 ug/ml



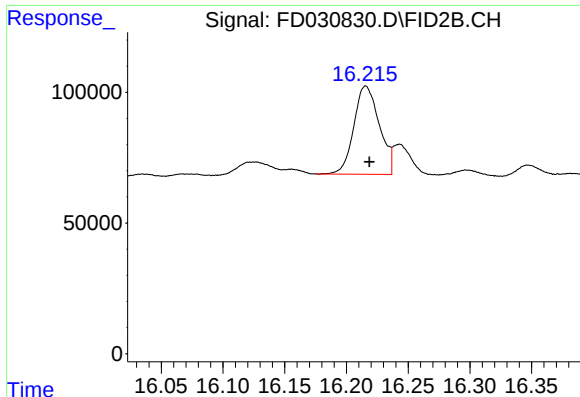
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.668 min
Delta R.T.: -0.005 min
Response: 227819
Conc: 1.32 ug/ml



#15 Chrysene (C27.41)

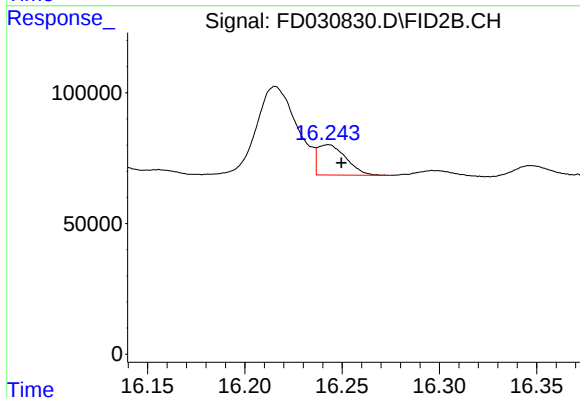
R.T.: 14.708 min
Delta R.T.: -0.006 min
Response: 338996
Conc: 1.91 ug/ml



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

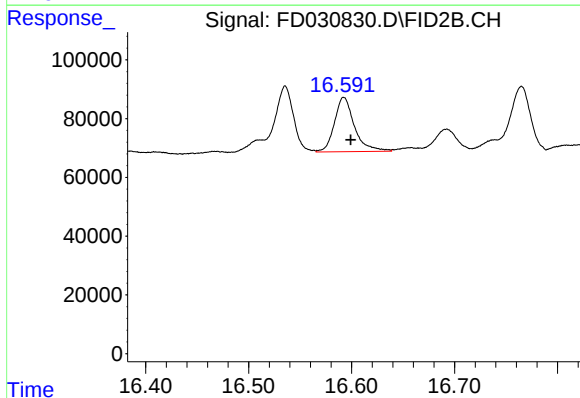
R.T.: 16.216 min
Delta R.T.: -0.003 min
Response: 484820
Conc: 2.88 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-2



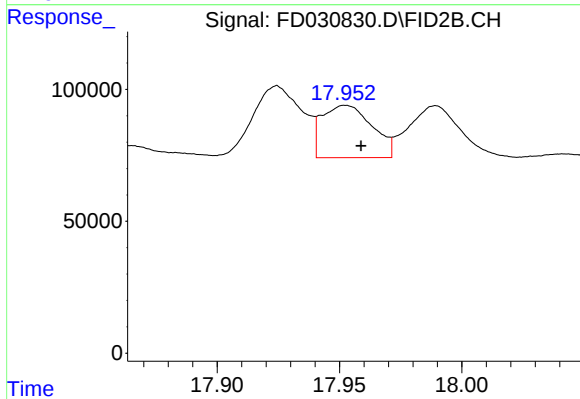
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: -0.007 min
Response: 117844
Conc: 0.69 ug/ml



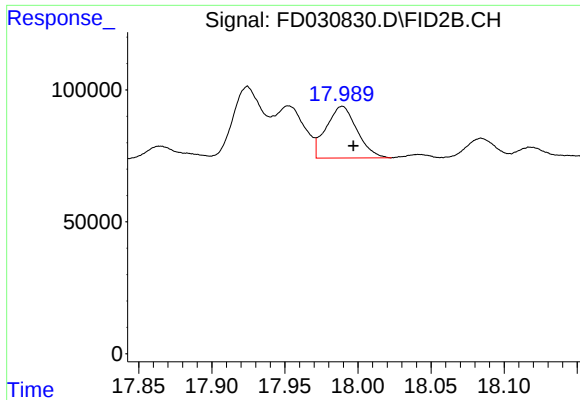
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.592 min
Delta R.T.: -0.007 min
Response: 249493
Conc: 1.52 ug/ml



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

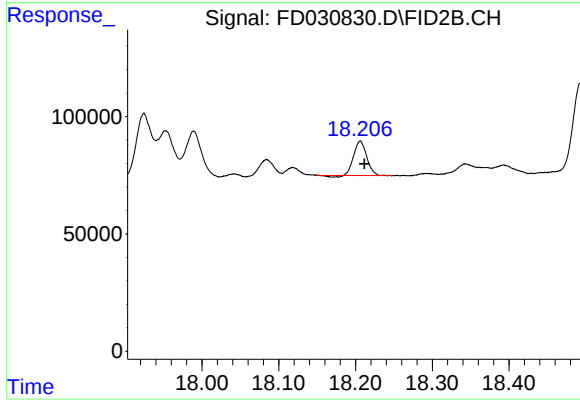
R.T.: 17.953 min
Delta R.T.: -0.006 min
Response: 283282
Conc: 1.81 ug/ml



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

R.T.: 17.989 min
Delta R.T.: -0.008 min
Response: 287856
Conc: 1.84 ug/ml

Instrument :
FID_D
ClientSampleId :
TS-2



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

R.T.: 18.206 min
Delta R.T.: -0.006 min
Response: 169125
Conc: 1.10 ug/ml