Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032819AR\
Data File : FD028528.D
Signal(s) : FID2B.CH
Acq On : 28 Mar 2019 17:34
Operator : AJ\SJ
Sample : K2090-02
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 29 01:53:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
Quant Title : GC Extractables
QLast Update : Tue Mar 26 06:44:45 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...	7.116	1238733	13.057 ug/ml
Spiked Amount	50.000		Recovery =	26.11%
6) S	2-Flurobiphenyl (SURR)	7.983	853236	13.088 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	26.18%
11) S	ortho-Terphenyl (SURR)	11.025	4110641	36.944 ug/ml
Spiked Amount	50.000		Recovery =	73.89%
	Target Compounds			
9) T	Phenanthrene (C19.36)	10.260	1846520	17.052 ug/ml
10) T	Anthracene (C19.43)	10.333	269842	2.512 ug/ml
12) T	Fluoranthene (C21.85)	12.074	2635479	24.377 ug/ml
13) T	Pyrene (C20.8)	12.373	2461807	22.861 ug/ml
14) T	Benzo[a]anthracene (C...	14.238	1424656	13.588 ug/ml
15) T	Chrysene (C27.41)	14.280	1466142	14.002 ug/ml
16) T	benzo[b]fluoranthene ...	15.790	1592983	14.697 ug/ml
17) T	Bnezo[k]fluoranthene ...	15.816	507031	4.725 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.167	1147494	10.605 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.527	596693	5.399 ug/ml
20) T	Dibenz[a,h]anthracene...	17.527f	596693	5.551 ug/ml
21) T	Benzo[g,h,i]perylene ...	17.780	674394	6.223 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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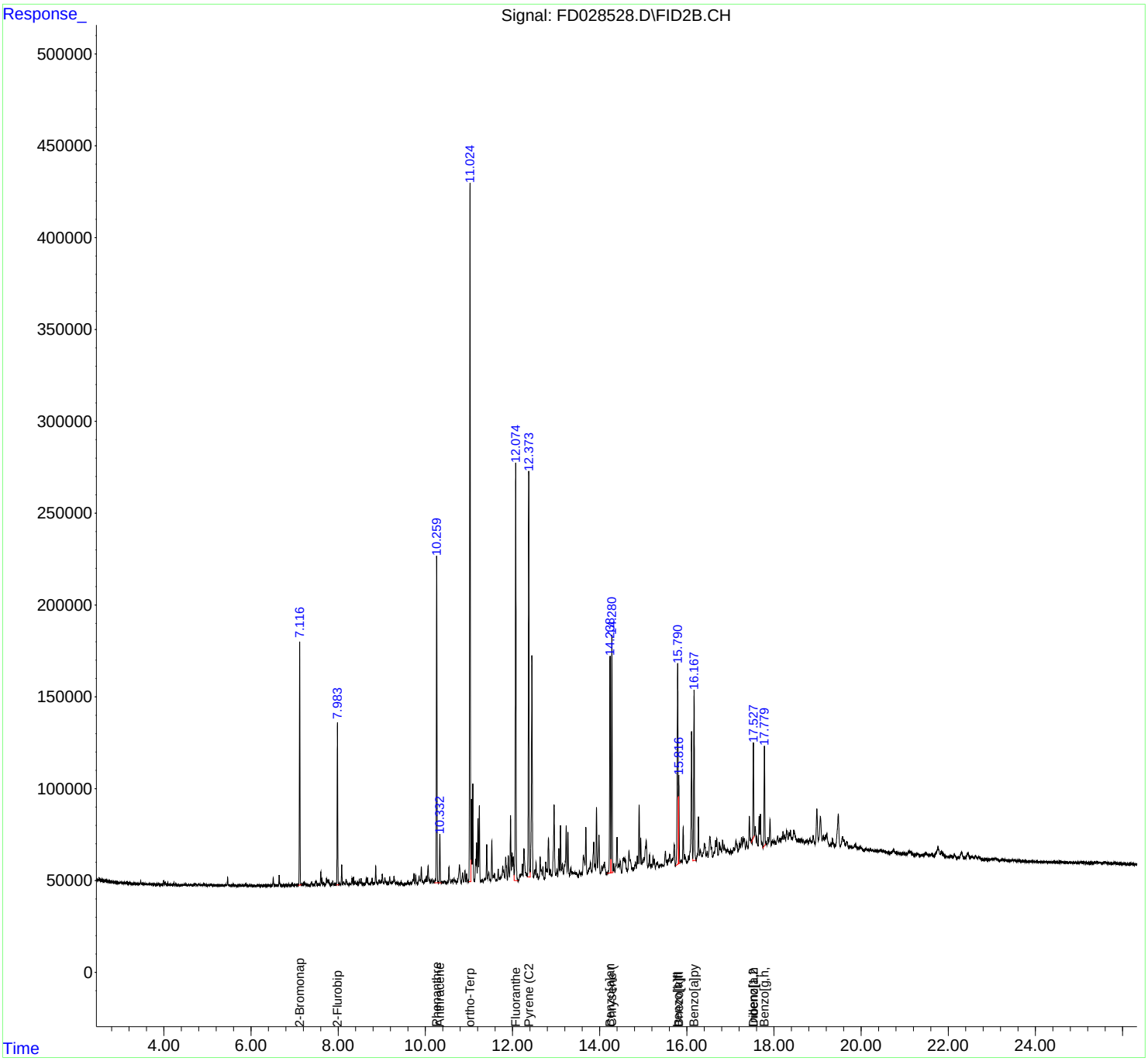
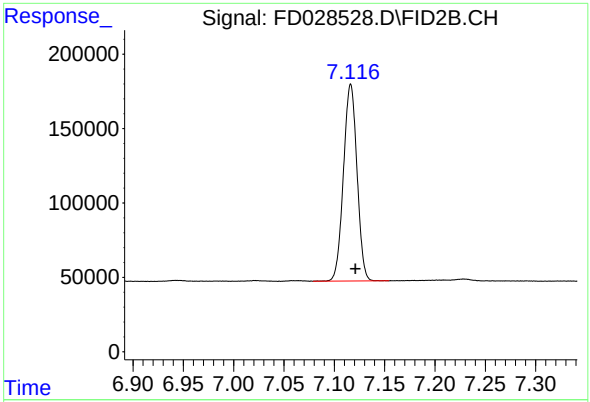
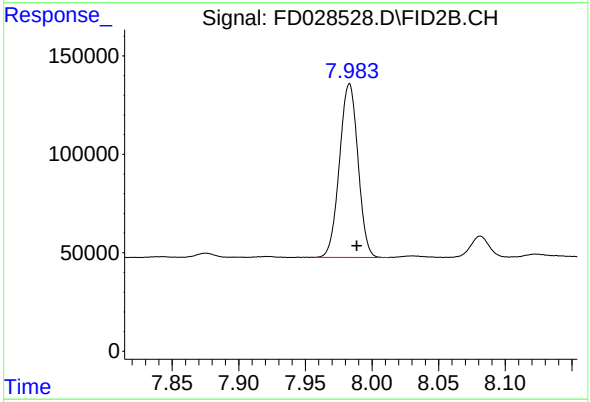




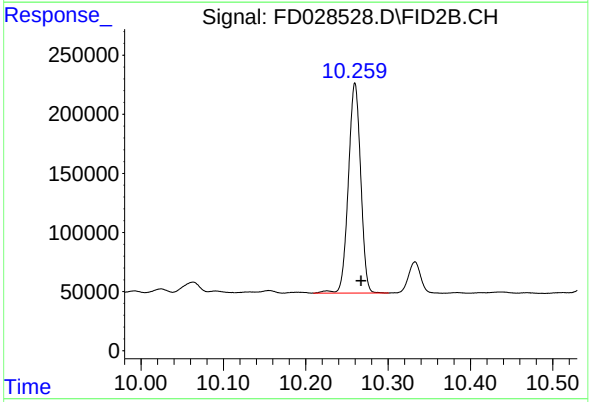
#4 2-Bromonaphthalene (SURR)

R.T.: 7.116 min
Delta R.T.: -0.005 min
Response: 1238733
Conc: 13.06 ug/ml



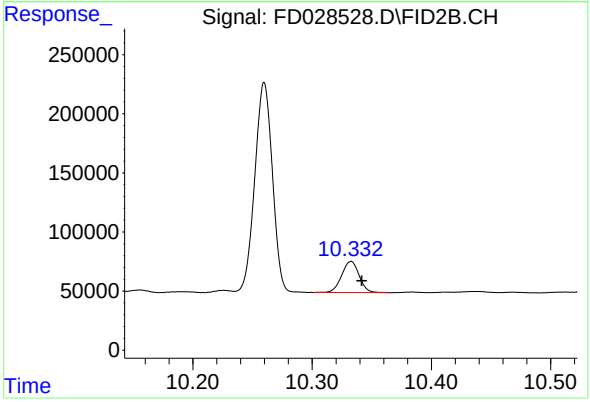
#6 2-Flurobiphenyl (SURR)

R.T.: 7.983 min
Delta R.T.: -0.006 min
Response: 853236
Conc: 13.09 ug/ml



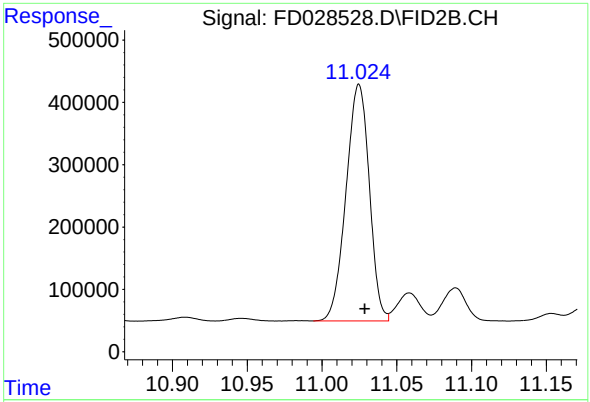
#9 Phenanthrene (C19.36)

R.T.: 10.260 min
Delta R.T.: -0.007 min
Response: 1846520
Conc: 17.05 ug/ml



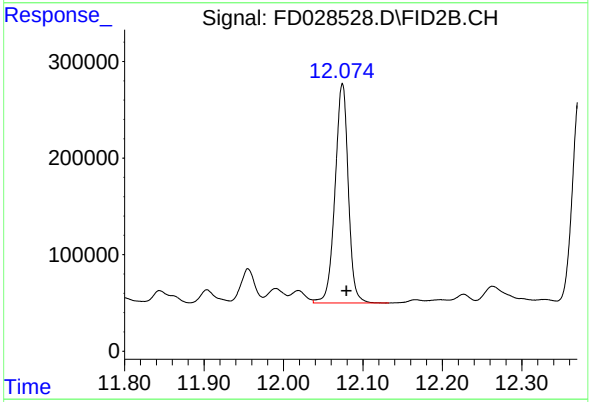
#10 Anthracene (C19.43)

R.T.: 10.333 min
Delta R.T.: -0.009 min
Response: 269842
Conc: 2.51 ug/ml



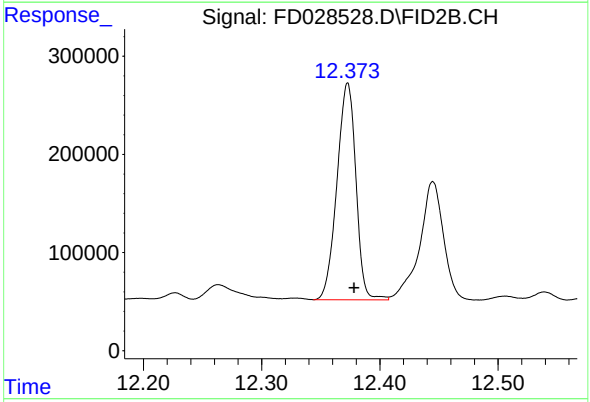
#11 ortho-Terphenyl (SURR)

R.T.: 11.025 min
Delta R.T.: -0.004 min
Response: 4110641
Conc: 36.94 ug/ml



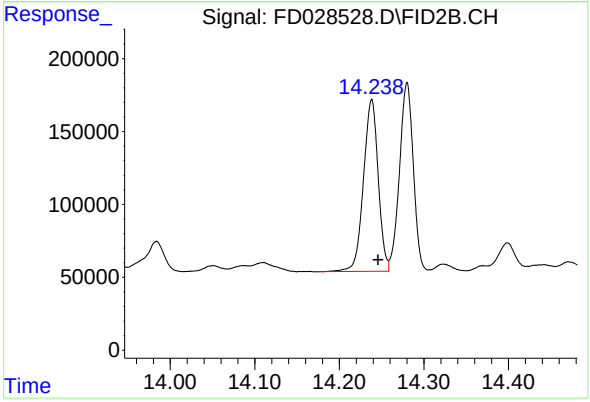
#12 Fluoranthene (C21.85)

R.T.: 12.074 min
Delta R.T.: -0.005 min
Response: 2635479
Conc: 24.38 ug/ml



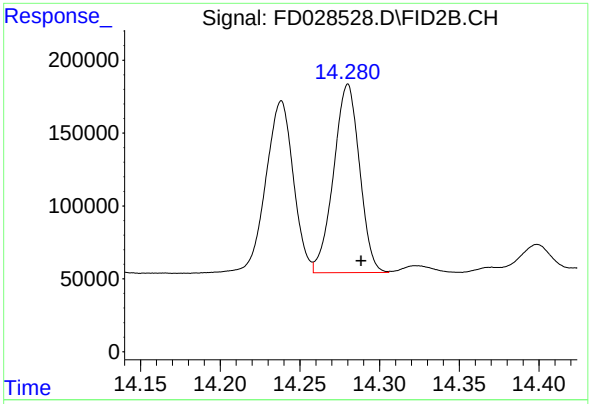
#13 Pyrene (C20.8)

R.T.: 12.373 min
Delta R.T.: -0.005 min
Response: 2461807
Conc: 22.86 ug/ml



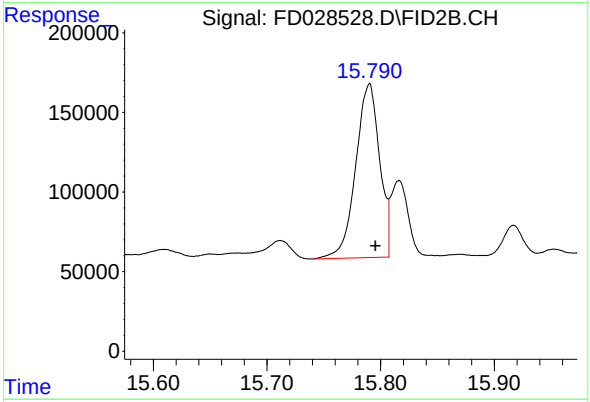
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.238 min
Delta R.T.: -0.007 min
Response: 1424656
Conc: 13.59 ug/ml



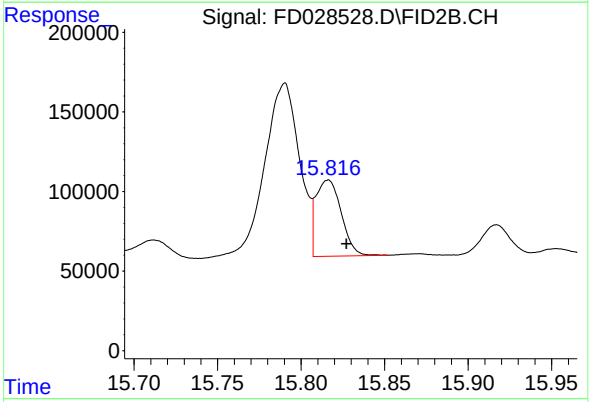
#15 Chrysene (C27.41)

R.T.: 14.280 min
Delta R.T.: -0.008 min
Response: 1466142
Conc: 14.00 ug/ml



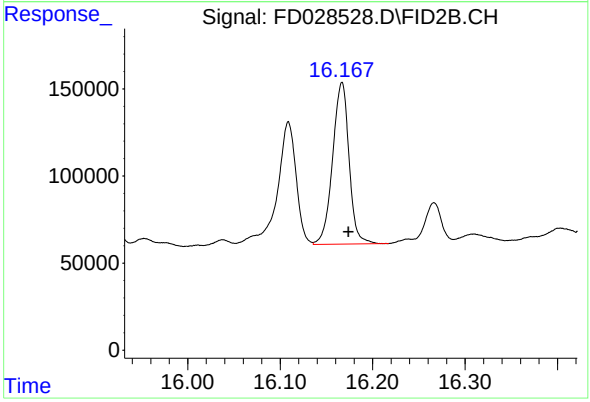
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.790 min
Delta R.T.: -0.005 min
Response: 1592983
Conc: 14.70 ug/ml



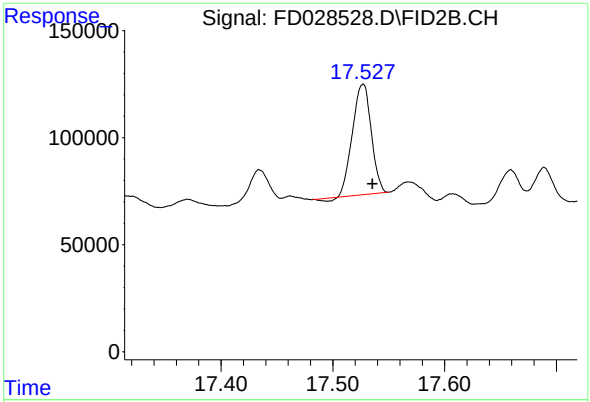
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.816 min
Delta R.T.: -0.011 min
Response: 507031
Conc: 4.72 ug/ml



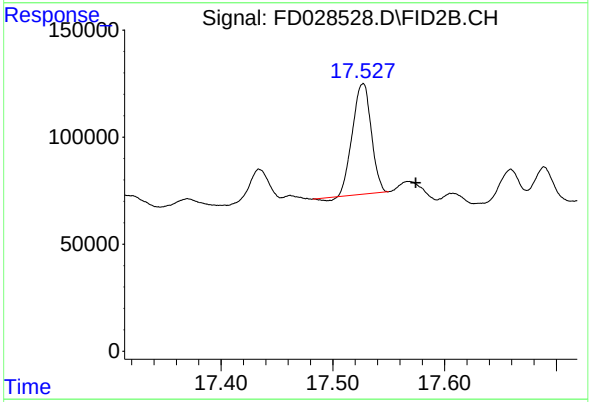
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.167 min
Delta R.T.: -0.007 min
Response: 1147494
Conc: 10.61 ug/ml



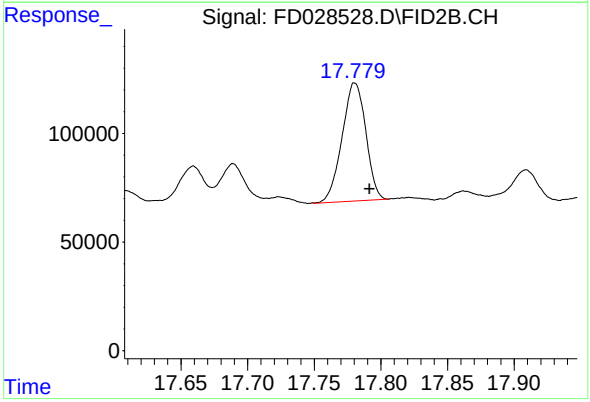
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.527 min
Delta R.T.: -0.008 min
Response: 596693
Conc: 5.40 ug/ml



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

R.T.: 17.527 min
Delta R.T.: -0.047 min
Response: 596693
Conc: 5.55 ug/ml



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

R.T.: 17.780 min
Delta R.T.: -0.011 min
Response: 674394
Conc: 6.22 ug/ml