Ionic liquid modified dummy molecularly imprinted polymer as

solid-phase extraction material for simultaneous determination of nine

organochlorine pesticides in environmental and food samples

For Analytical Methods

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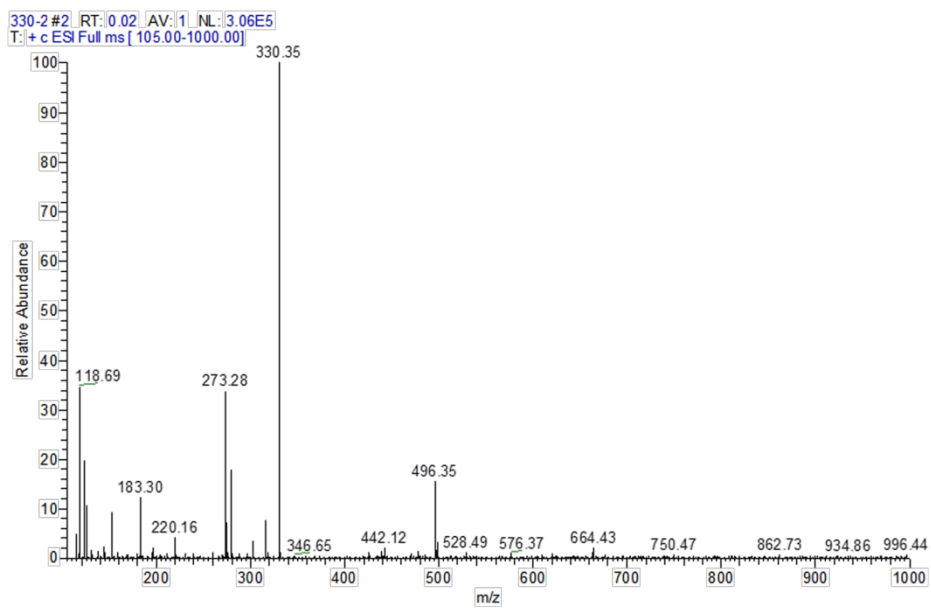**Fig.S1** Mass spectrum of synthesized SilprImN in positive ion mode

Fig.S2 The effect of sample loading solution pH to the SilprImN-DMIP-SPE process
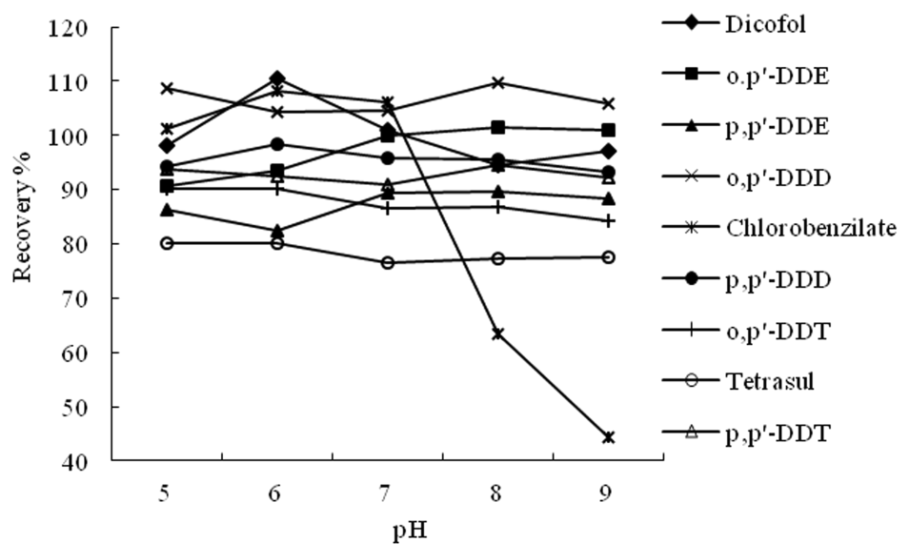
for OCPs

Fig.S3 The effect of sample flow rate on the SilprImN-DMIP-SPE for the OCPs
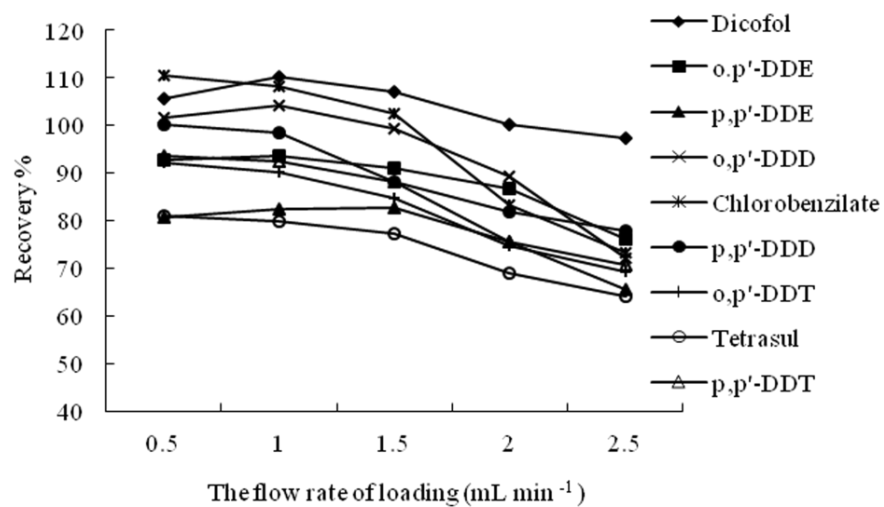
Fig.S4 The effect of different eluent solvents to the efficiency of
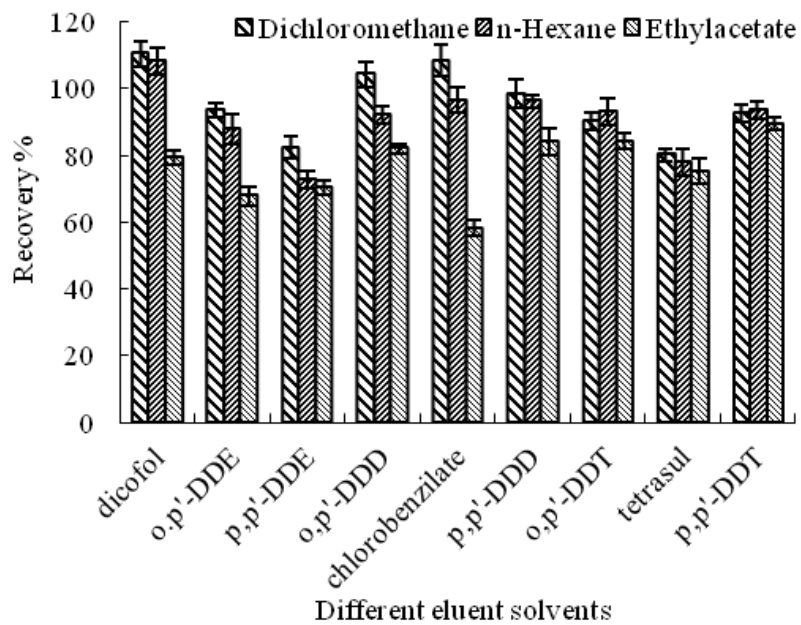
SilprImN-DMIP-SPE for the OCPs

Fig.S5 The effect of different eluting solvents to the efficiency of
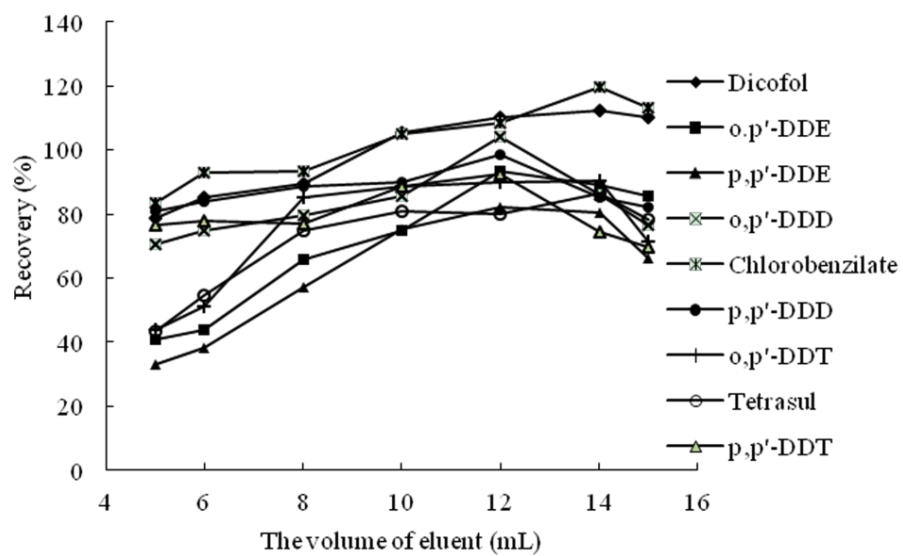
SilprImN-DMIP-SPE for the OCPs

Table S1 The comparison of SPE results on SilprImN-DMIP, SilprImN-NIP and C_{18} cartridges for nine OCPs

OCPs	SilprImN-DMIP-SPE	SilprImN-NIP-SPE		C_{18}-SPE	
	recovery (%)	recovery (%)	$k^{\,a}$	recovery (%)	k
dicofol	110.37	65.47	1.69	94.94	1.16
o,p'-DDE	93.57	55.26	1.69	82.01	1.14
p,p'-DDE	82.36	45.34	1.82	73.90	1.11
o,p'-DDD	104.28	69.74	1.50	85.08	1.23
o,p'-DDT	90.09	45.64	1.97	58.18	1.55
tetrasul	80.04	48,70	1.64	72.25	1.16
chlorobenzilate	108.30	38.51	2.81	80.25	1.35
p,p'-DDD	98.42	62.97	1.56	91.46	1.08
p,p'-DDT	92.58	58.58	1.58	62.23	1.49

a) $k=r/r'$, where r, r' represent the recovery on the DMIP column and NIP/C_{18} column, respectively.