Supplementary data

Application of magnetic carbon nano onions in dispersive solid-phase extraction combined with DLLME for extraction of pesticides residual from water and vegetable samples

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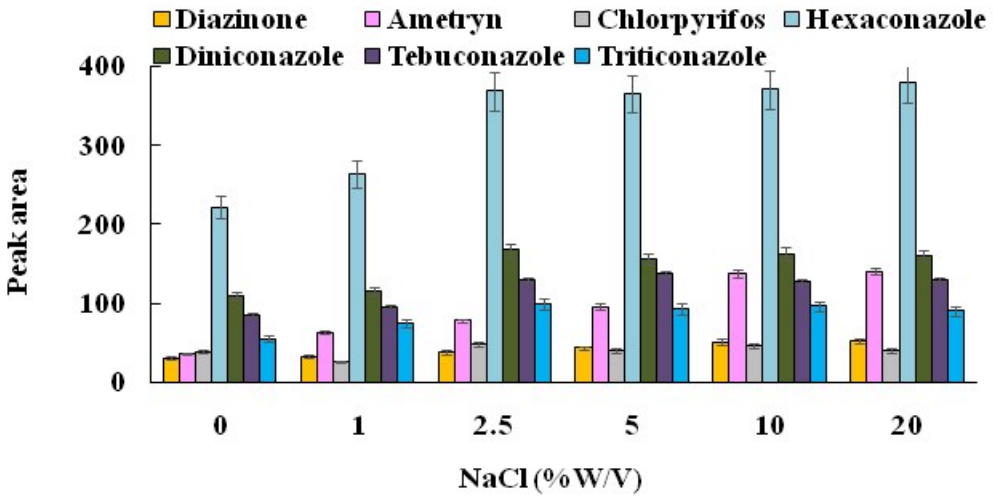

Fig. S1. Optimization sodium chloride concentration.

Extraction conditions: sample, 25 mL of deionized water spiked with the analytes at a concentration of 100 ng/mL (each analyte); sorbent amount, 0.15 g; elution solvent type (volume), methanol (1.0 mL); extraction solvent (volume) in DLLME, chloroform (100 µL); centrifugation time and rate, 3 min at 5000 rpm. The error bars indicate the standard deviations of three repeated determinations.

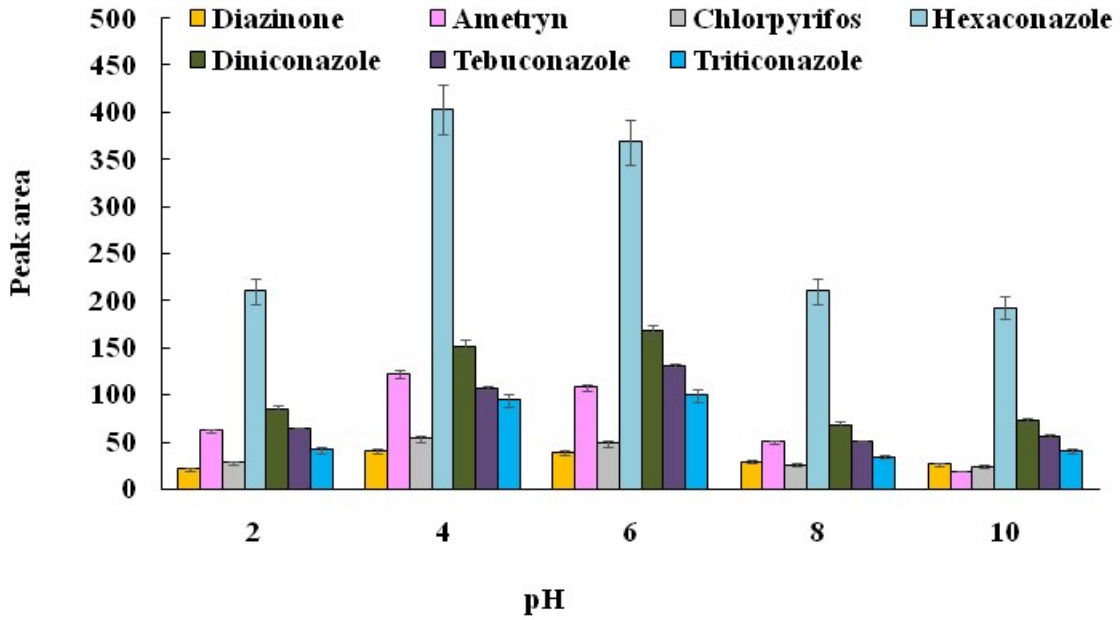

Fig. S2. pH effect.

Extraction conditions: are the same as those used in Fig. S1 except 2.5% w/v sodium chloride was dissolved in the aqueous solution.