

Supplementary material

Magnetic cork composites as biosorbents in dispersive solid-phase extraction of pesticides in water samples

Na Hang^a, Yang Yang^a, Yuyue Zang^a, Wanning Zhao^a, Jing Tao^a, Songqing Li^{a}.*

^aBeijing Key Laboratory for Forest Pest Control, Beijing Forestry University, No. 35

Qinghua East Road, Haidian District, Beijing, 100083, China.

*Corresponding author: Songqing Li

*Email: songqingli@bjfu.edu.cn

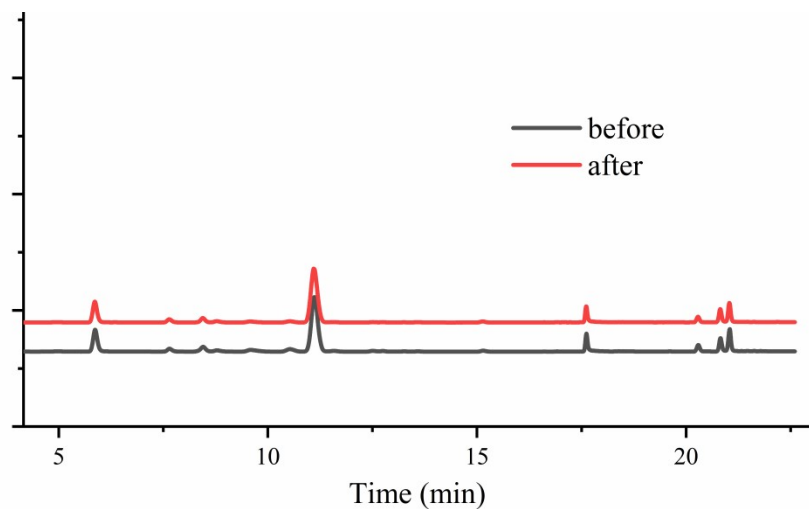


Fig. S1 Comparative chromatograms of magnetic cork composites before and after DSPE procedure

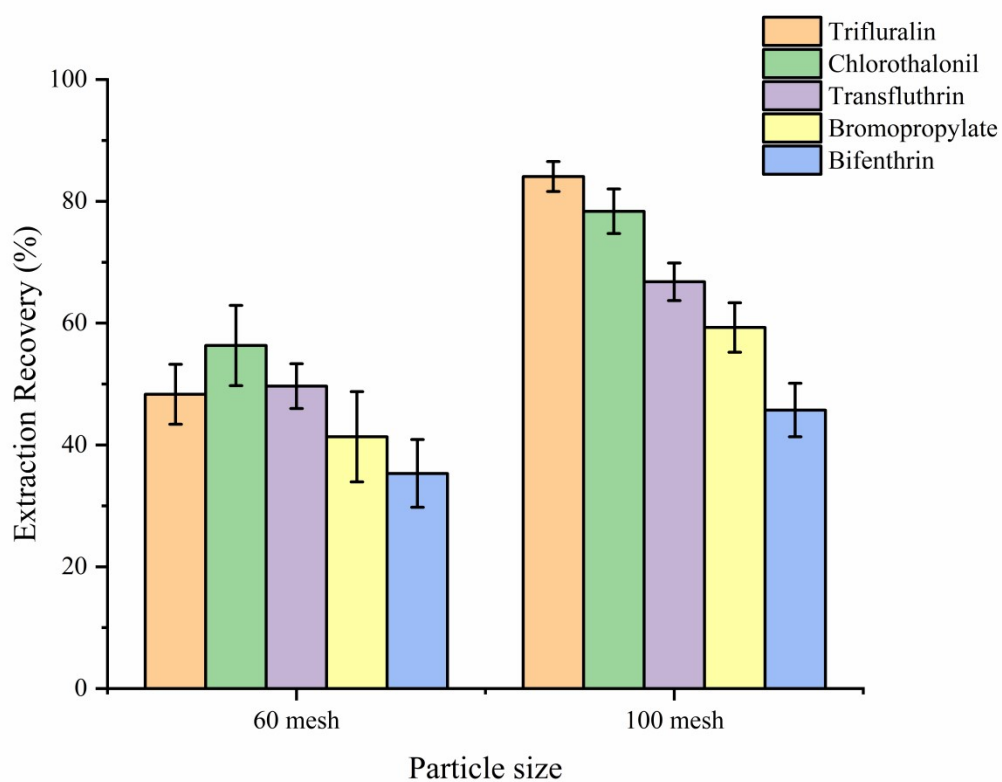


Fig. S2 Comparison of adsorbent particle size on extraction performance

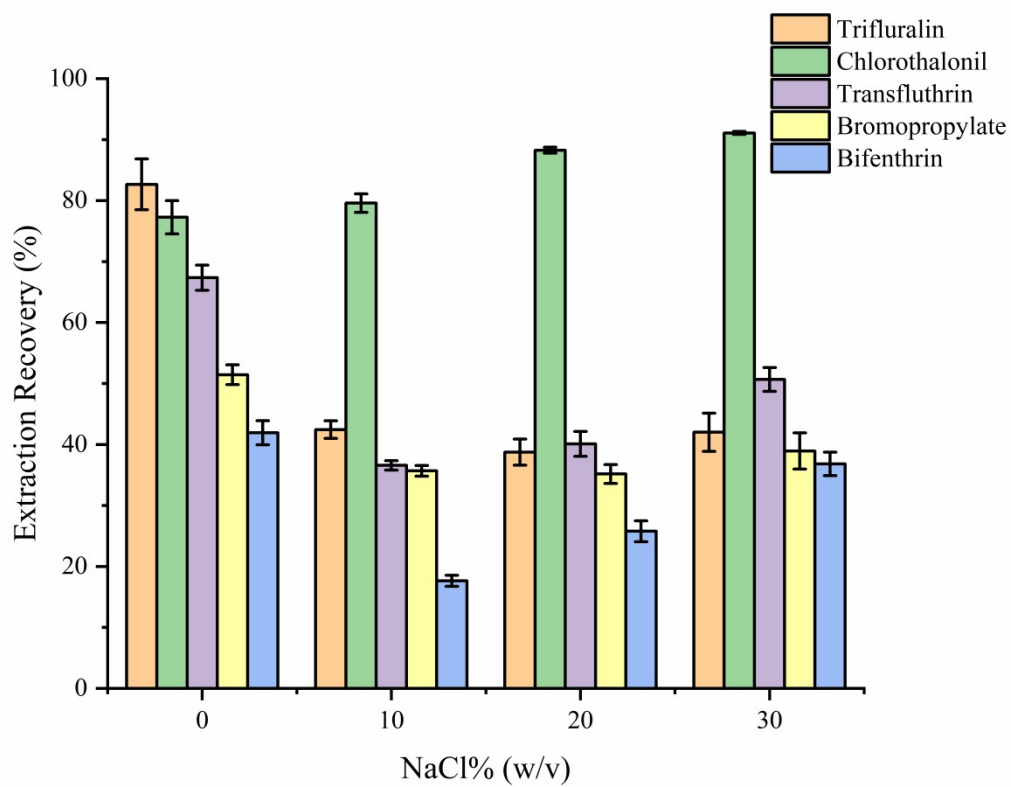


Fig. S3 Effect of the salt optimization on the recovery. Conditions: 5ml sample water, adsorbent quantity 30 mg, extraction time 10min, eluent volume 600 μ L, pH 7

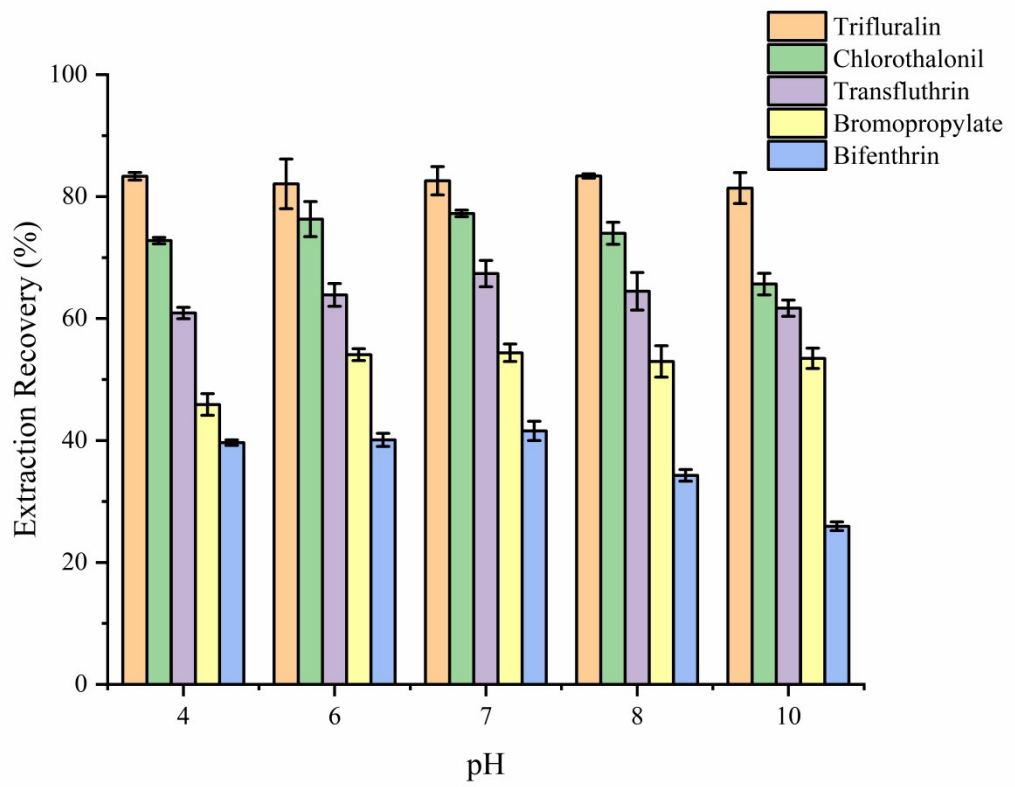


Fig. S4 Effect of the pH on the recovery. Conditions: 5ml sample water, adsorbent quantity 30 mg, extraction time 10min, eluent volume 600 μ L, no salt added