

Supplementary Materials

Synthesis of molecularly imprinted polymers for the selective extraction of polymyxins from environmental water samples

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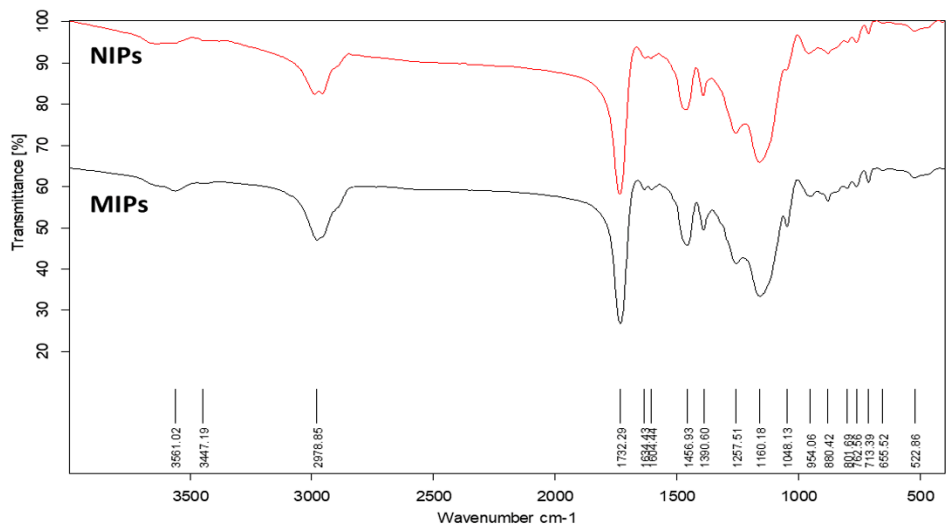


Figure S1. IR spectra of MIPs and NIPs

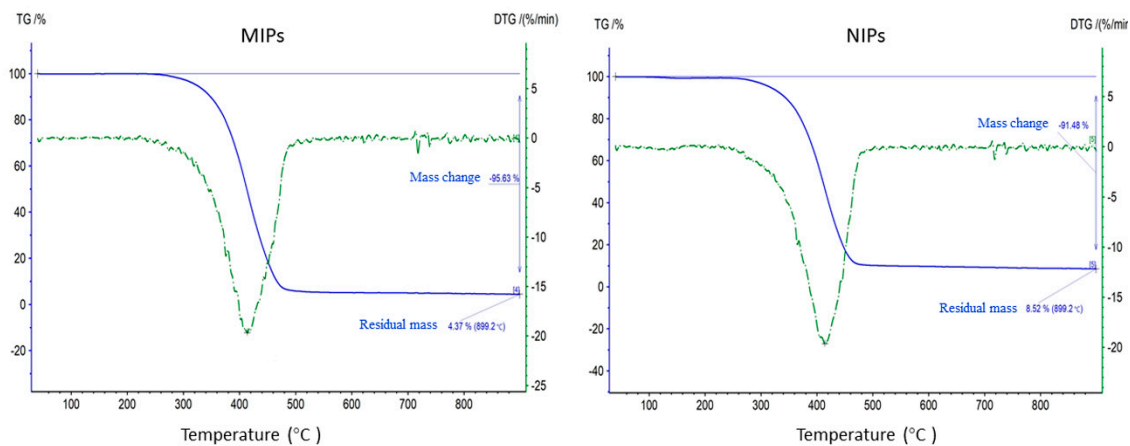


Figure S2. The thermogravimetric analysis of MIPs and NIPs

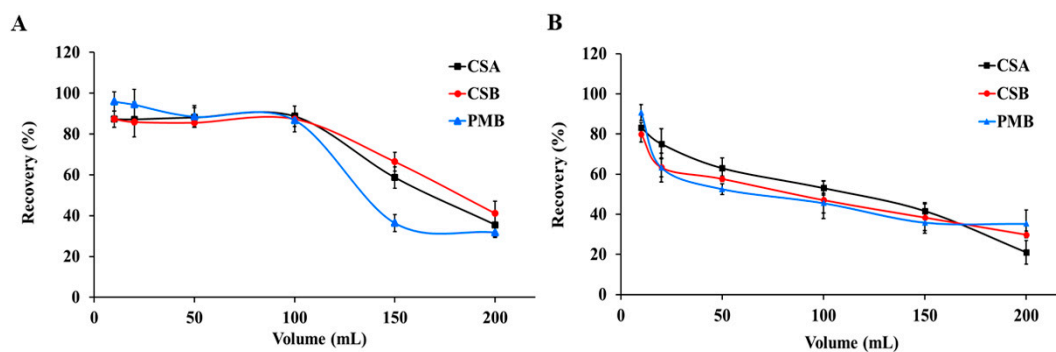


Figure S3. Effect of loading volume on the recoveries of colistin A (CSA), colistin B (CSB) and polymyxin B (PMB) obtained after SPE onto (A) MIP and (B) NIP cartridges.

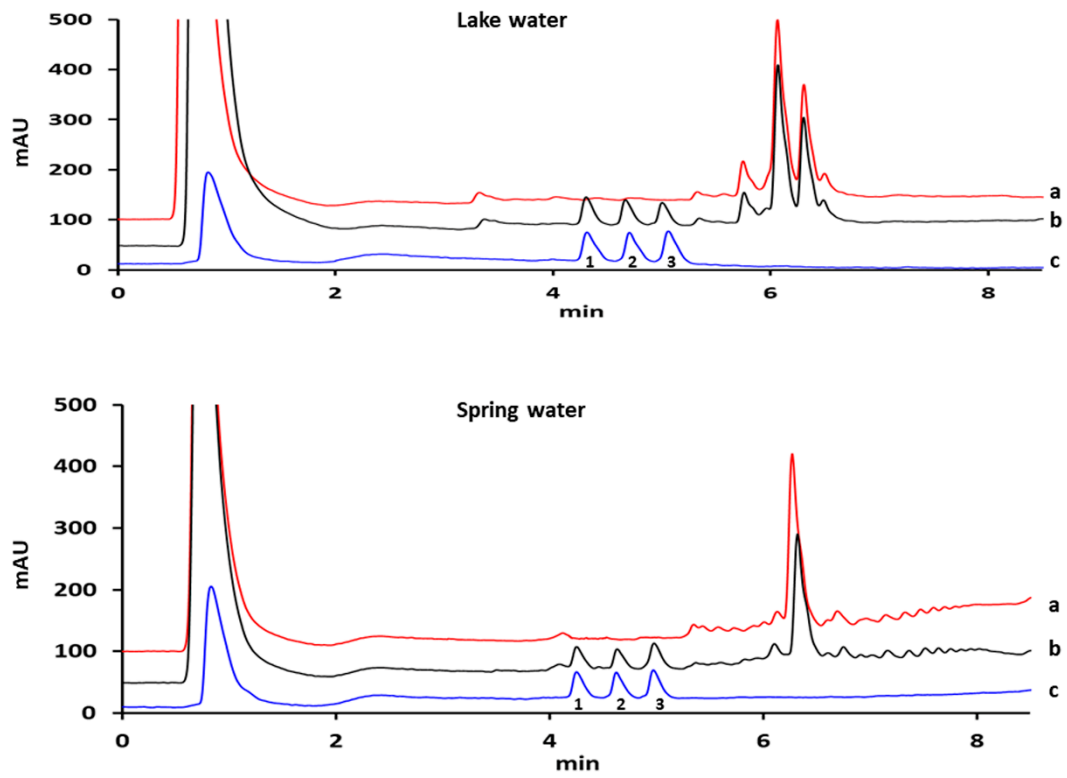


Figure S4. HPLC chromatograms obtained after MISPE of target analytes from lake and spring water: (a) non-spiked water, (b) spiked water at 10 µg L⁻¹ concentration level and (c) mixed standard solution. Peak identifications: 1, colistin B; 2, colistin A; 3 polymyxin B