

Supplementary Materials

# Determination of Local Anesthetic Drugs in Human Plasma Using Magnetic Solid-Phase Extraction Coupled with High-Performance Liquid Chromatography

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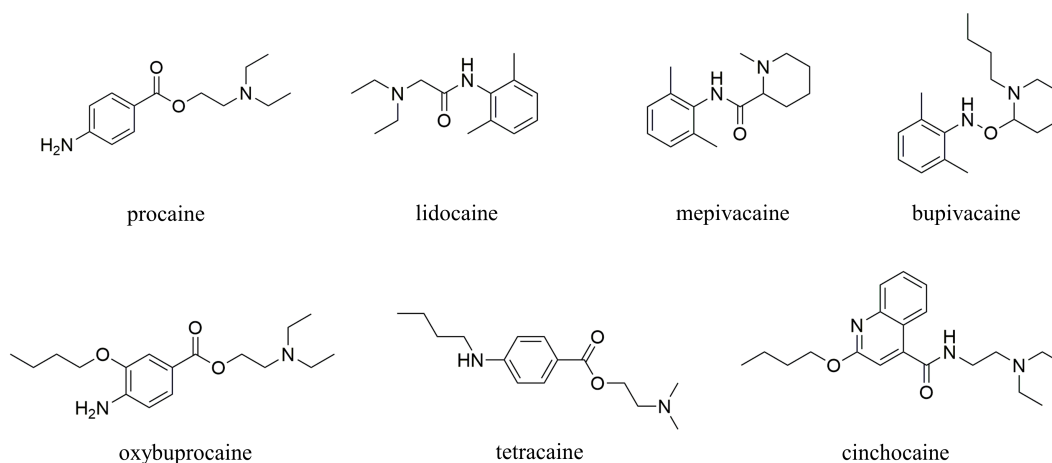
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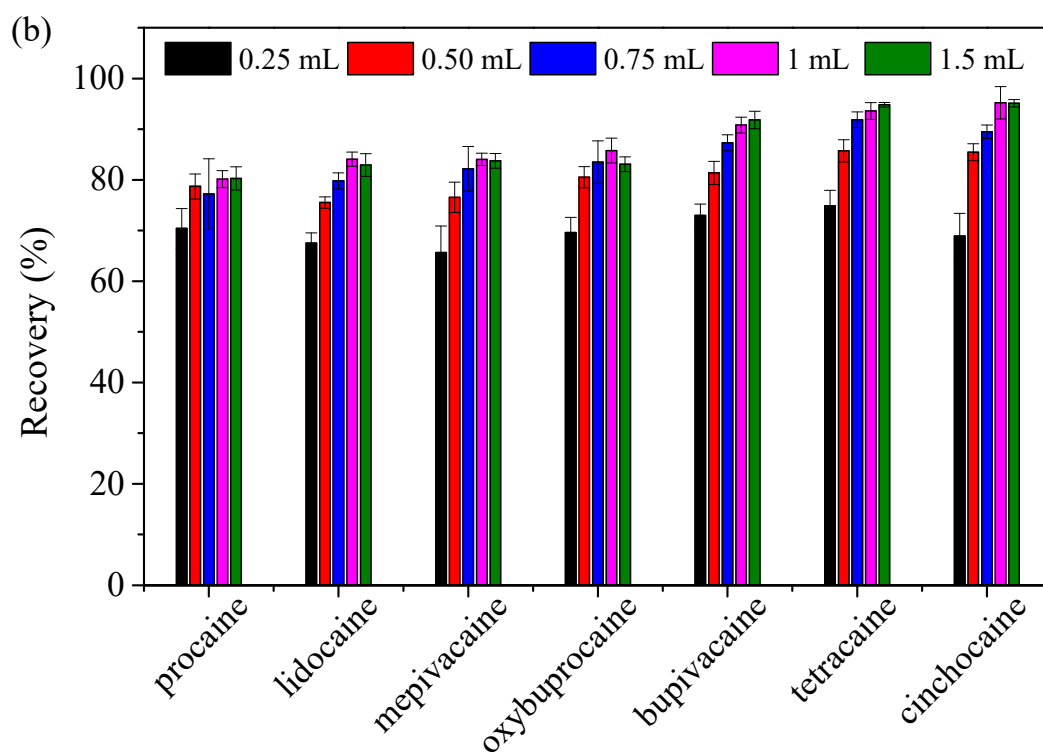
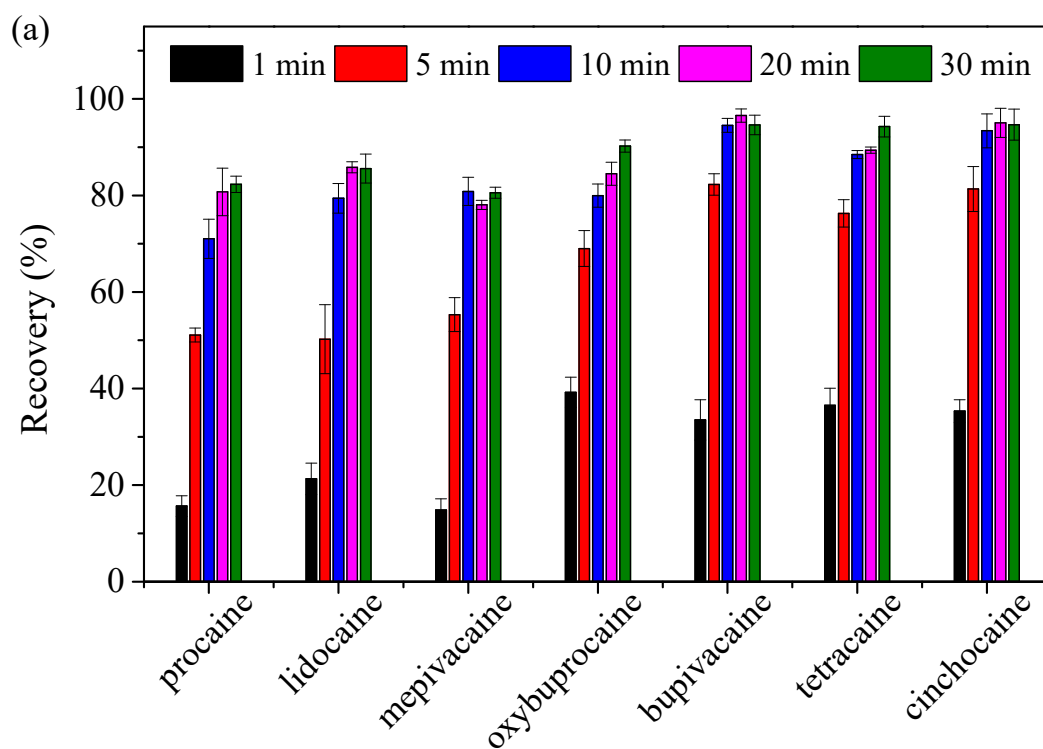
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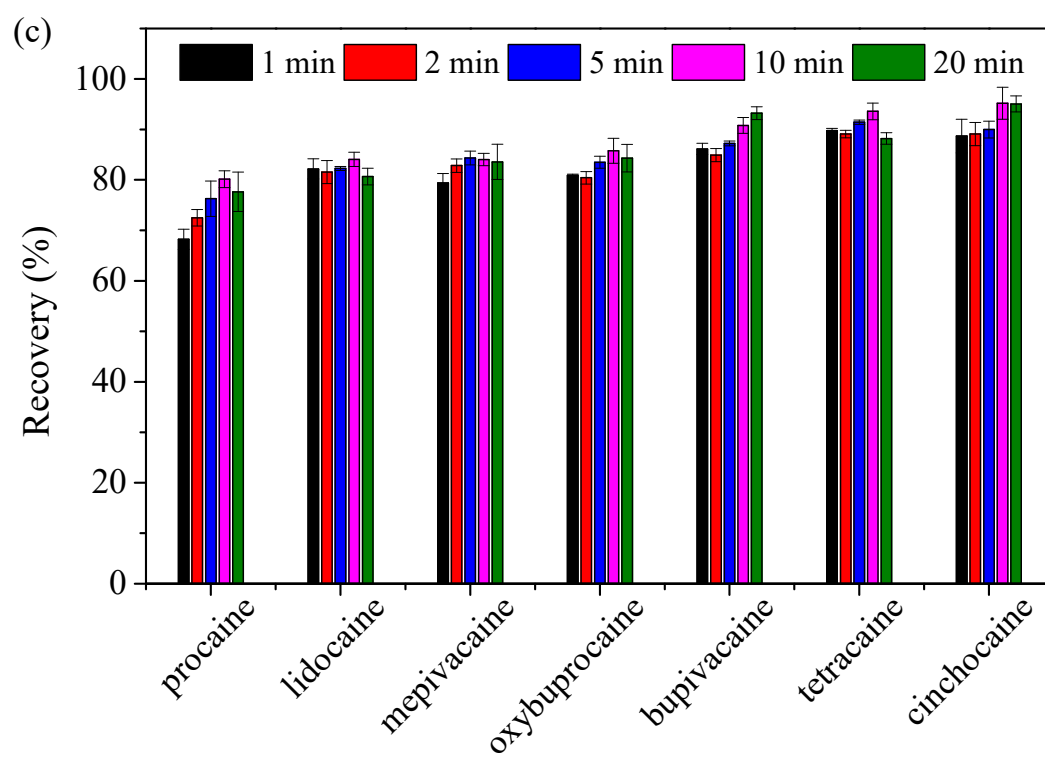
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**Figure S1.** Chemical structures of seven local anesthetic drugs.





**Figure S2.** The effect of extraction time (a), desorption solvent volume (b), desorption time (c),

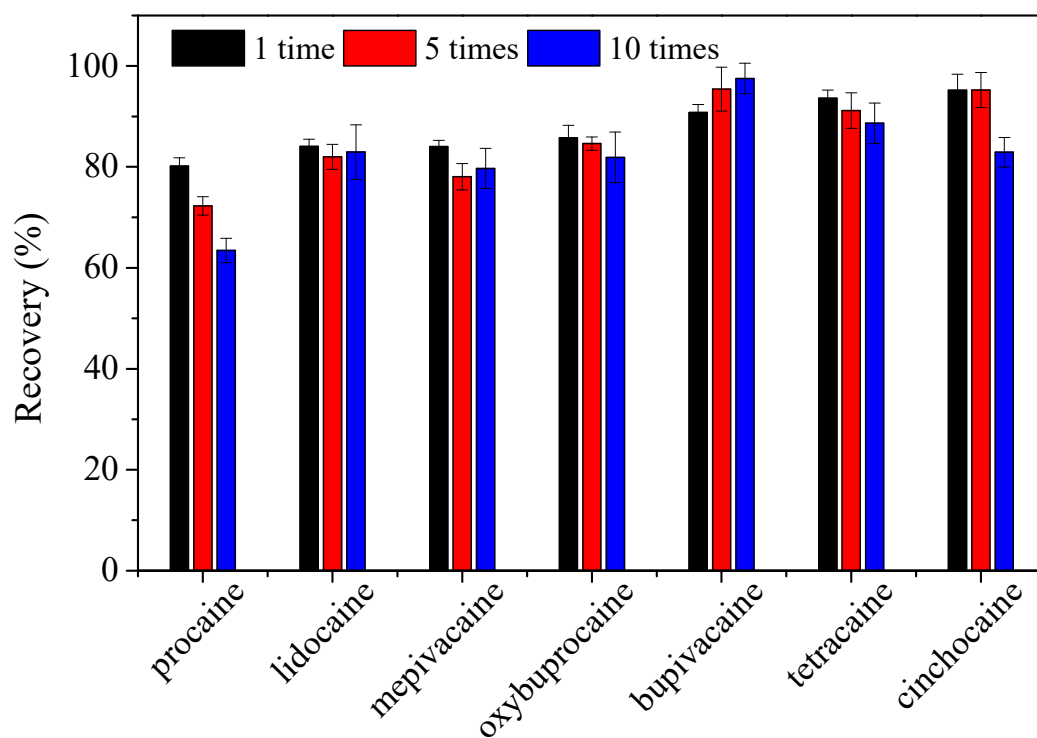


Figure S3. The effect of extraction cycles of extraction efficiency.

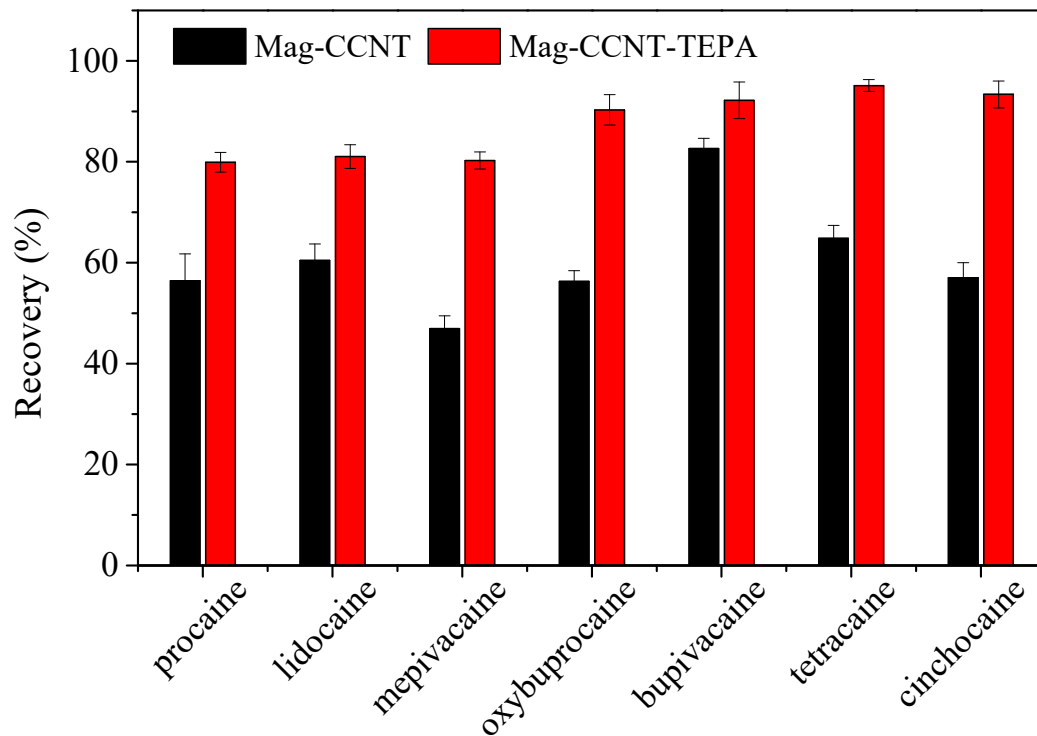
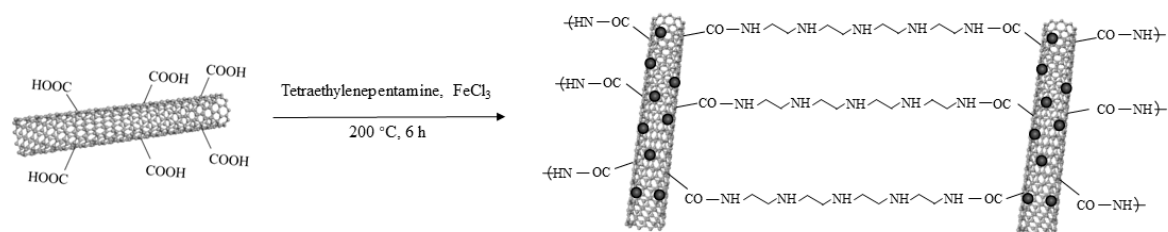


Figure S4. Comparison of extraction efficiency correlated with recovery of 7 local anesthetic drugs using Mag-CCNT and Mag-CCNT-TEPA.



**Figure S5.** The schematic diagram of Mag-CCNT-TEPA preparation.