

Supplementary Information

Development of a Molecularly Imprinted Modified Electrode to Evaluate Phenacetin Based on the Preconcentration of Acetaminophen

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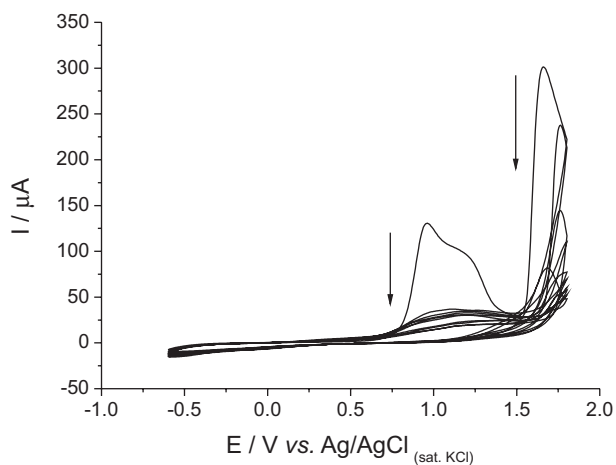


Figure S1. CVs obtained during the modification process of a GC electrode surface with the pyrrole/phenacetin MIP performed in a $0.1 \text{ mol L}^{-1} \text{ HClO}_4$ water/ethanol 1:1 (v/v) solution in the presence of 12.5 mmol L^{-1} pyrrole, 25 mmol L^{-1} phenacetin. Potential window: from -0.6 to 1.8 V at 50 mV s^{-1} . Number of cyclic voltammograms recorded: 10.

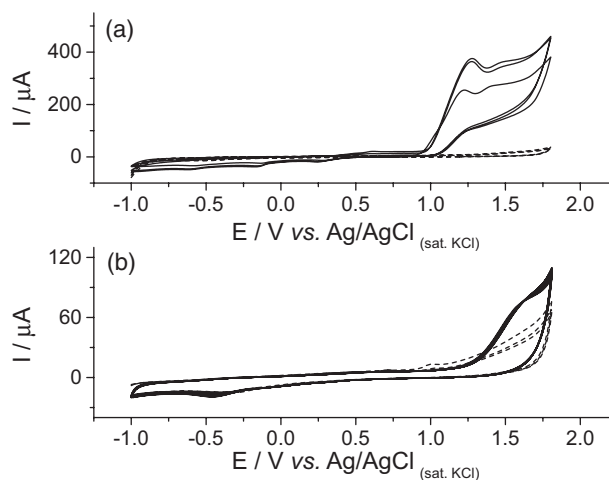


Figure S2. CVs obtained with a GC electrode (a) uncoated and (b) coated with pyrrole/phenacetin MIP in the absence (dashed lines) and presence (solid lines) of procaine. The electrode was modified in $0.1 \text{ mol L}^{-1} \text{ HClO}_4$, 1:1 (v/v) water/ethanol, 12.5 mmol L^{-1} pyrrole, and 25 mmol L^{-1} phenacetin. The modification potential window ranged from -0.6 to 1.8 V at 50 mV s^{-1} , and the analysis potential window was from -1.0 to 1.8 V at 50 mV s^{-1} .

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