

Facile and highly sensitive Nitrate ions detection via electrochemical sensor based on poly 1,8-diaminonaphthalene and copper oxide particles film

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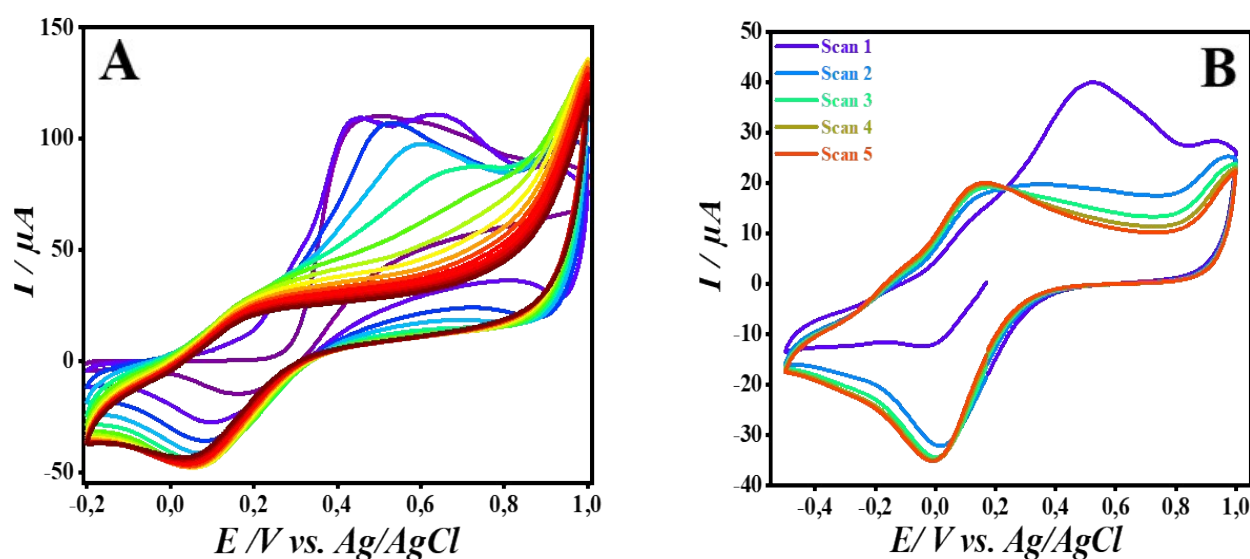


Fig. S1. A) CV of bare CPE in 0.1 M HCl containing 5 mM of 1,8-DAN for 15 cycles at a scan rate of 50 mV s⁻¹ **B)** CV of poly 1,8-DAN/CPE in 0.1 M HCl at a scan rate of 50 mV s⁻¹

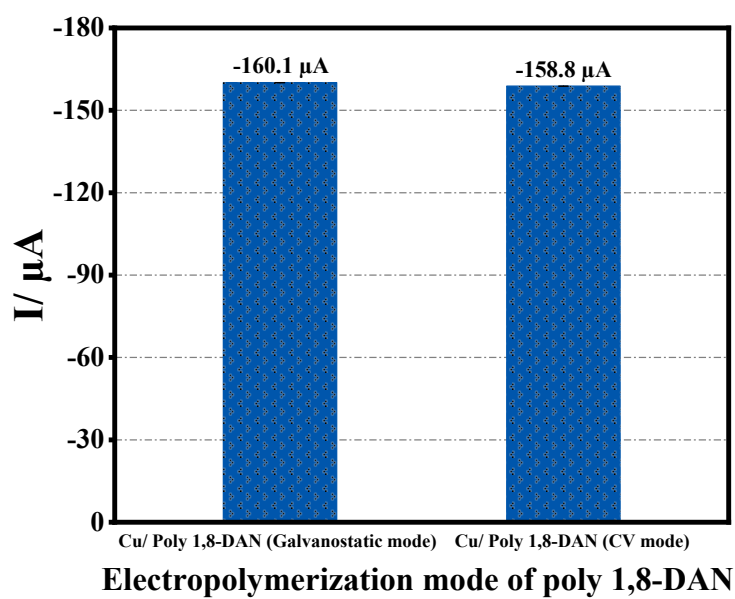


Fig. S2. The effect of the electropolymerization mode of the poly 1,8-DAN towards the response current of NO_3^-

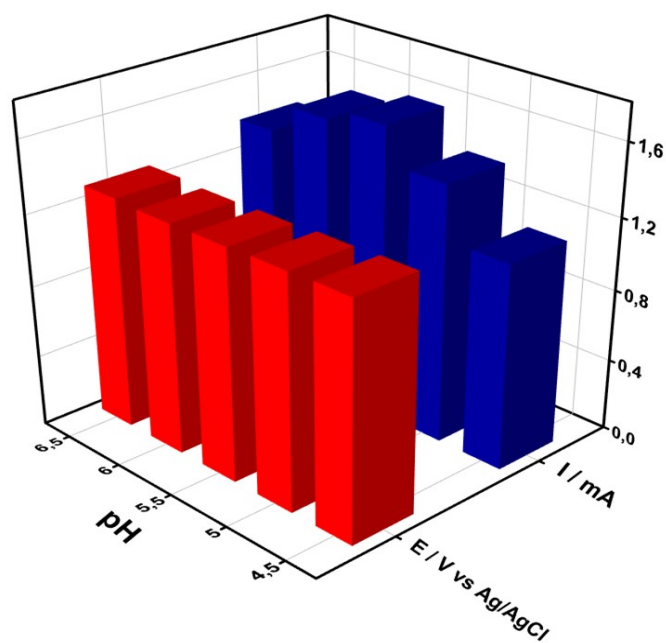


Fig. S3. Variation of NO_3^- peak currents and potentials vs pHs values.

