

Simultaneous quantification of dopamine, acetaminophen and tyrosine at carbon paste electrode modified with porphyrin and clay

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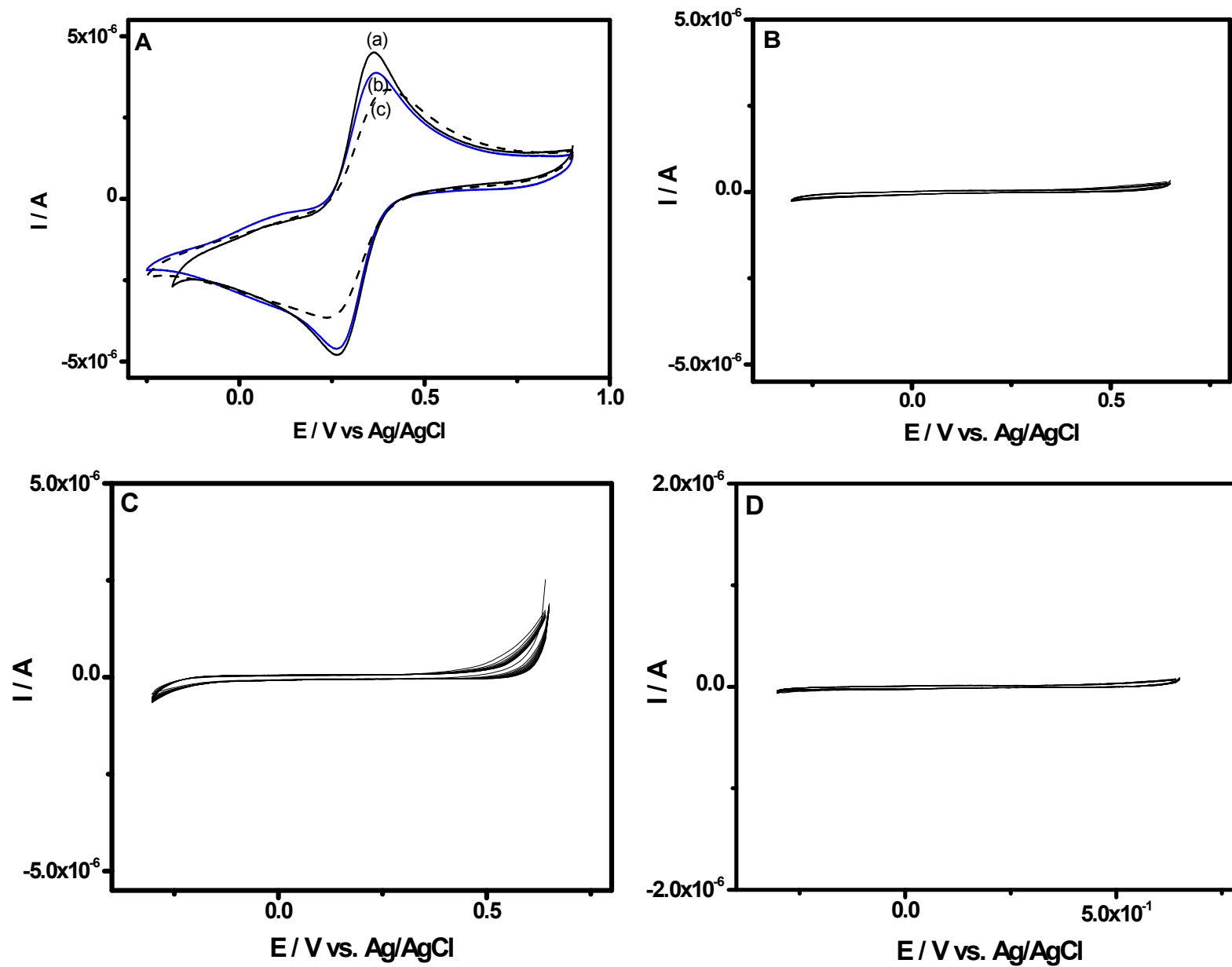


Fig. S1 (A) CVs recorded using TCPP-Sa/CPE (curve a), CPE (curve b) and Sa/CPE (curve c) at scan rate: 50 mV s⁻¹ in 100 μmol.L⁻¹ of H₂SO₄ + 0.5 mmol.L⁻¹ Fe(CN)₆^{3-/4-} (+0.1 mol.L⁻¹ NaCl). Multisweep CVs recorded in the same conditions as (A) at Sa/CPE (B), TCPP-Sa/CPE (C) and at CPE (D) in the absence of Fe(CN)₆³⁻

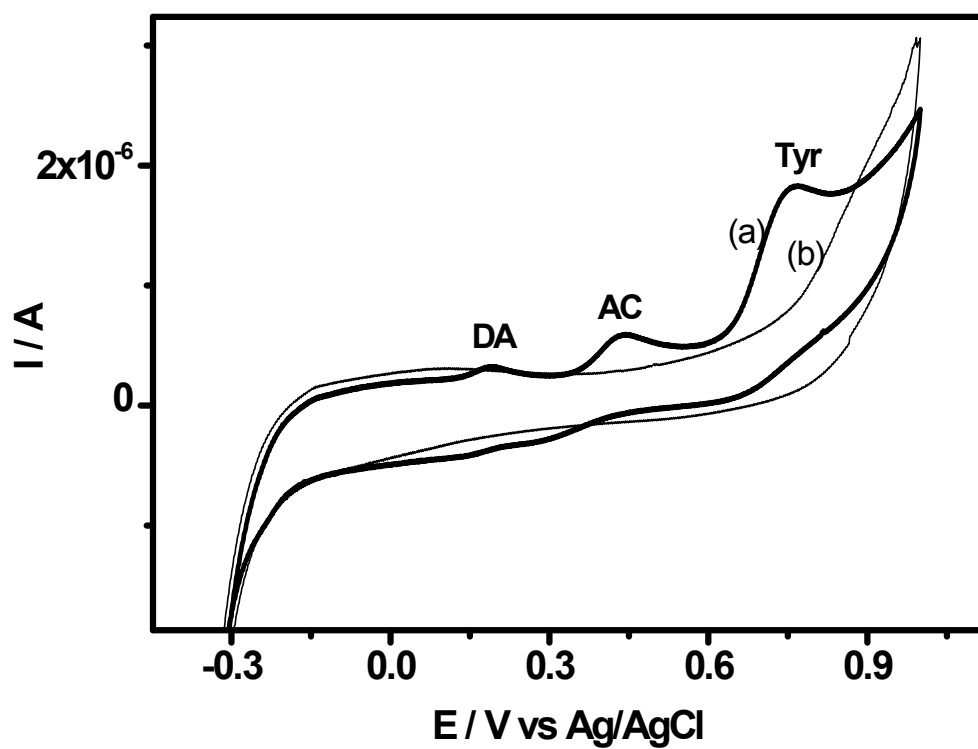


Fig.S2 CVs recorded at TCPP-Sa/CPE in PB (pH7) in the absence (curve a) and in presence of the three analytes (1.7 μM of DA, 7.4 μM of AC, and 51 μM of Tyr) (curve b). Scan rate 50 mVs^{-1}

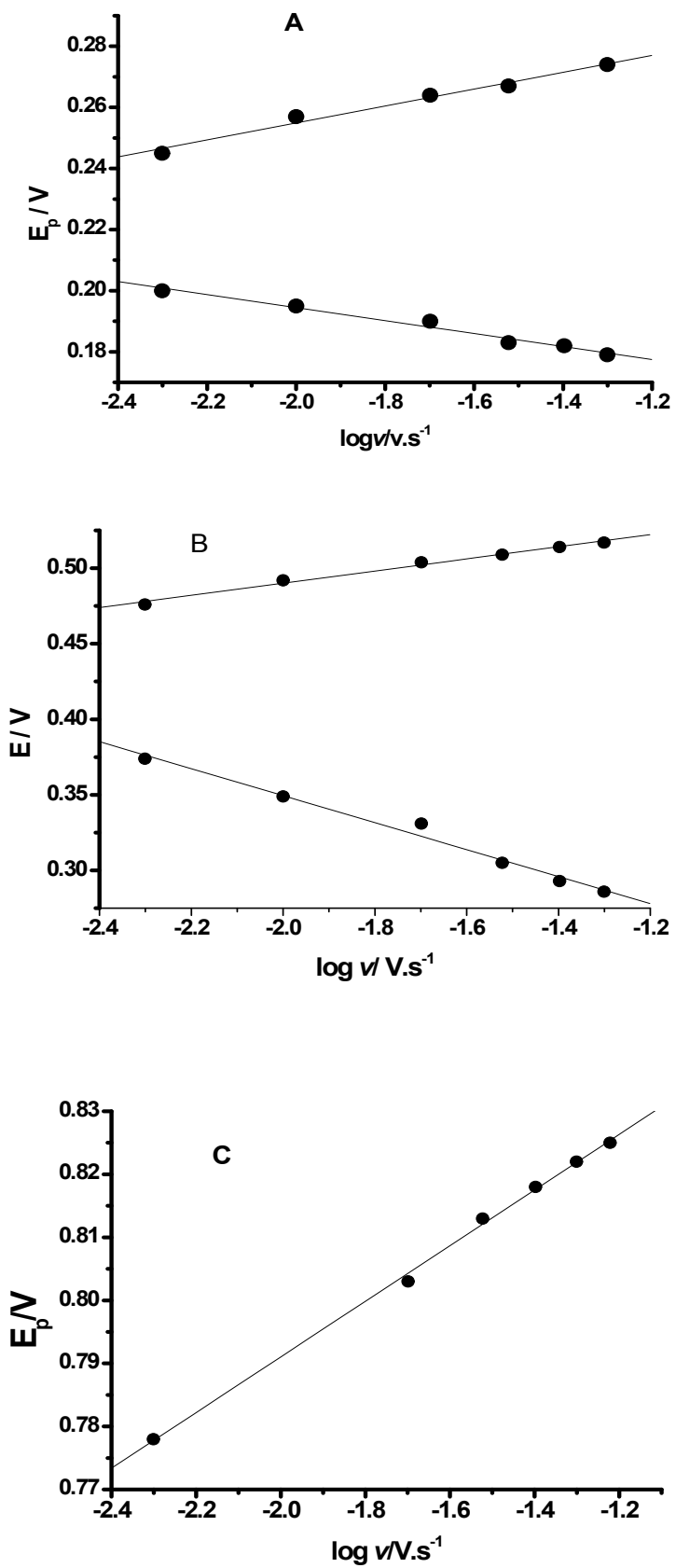


Fig.S3 Plots of E_p versus $\log v$ for DA (A), AC (B) and Tyr (C)