

Supplemental Information

Sensitive voltammetric detection of caffeine in tea and beverage based on DNA-functionalized single-walled carbon nanotube modified glassy carbon electrode

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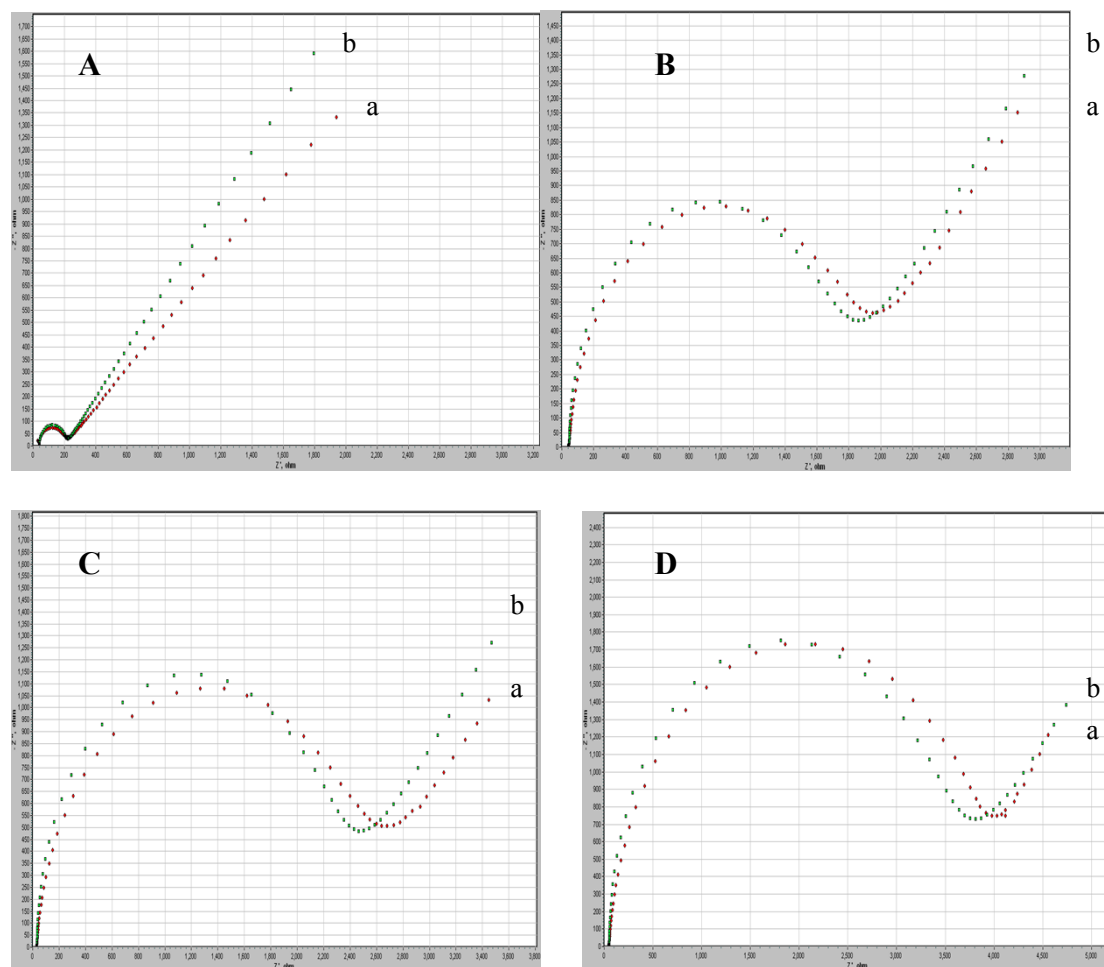


Fig. 1S Electrochemical impedance spectroscopy (curve a) of a bare GCE (A), Nafion/GCE (B), Nafion/SWCNT/GCE (C) and Nafion/DNA-SWCNT/GCE (D) in $5.0 \times 10^{-3} \text{ mol L}^{-1} [\text{Fe}(\text{CN})_6]^{3-/4-}$ (1:1) solution containing $0.10 \text{ mol L}^{-1} \text{ KCl}$ and the fit obtained from the equivalent circuit (curve b).