Electronic Supplementary Information

**Forensic Electrochemistry: Sensing the Molecule of Murder Atropine**
Ouissam Ramdani*, Jonathan P. Metters, Luiz Carlos S. Figueiredo-Filho**, Orlando Fatibello-Filho** and Craig E. Banks*
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**ESI 1**

Cyclic voltammograms obtained for the electrochemical oxidation of 1 mM atropin in a pH 10 buffer solution at an edge plane pyrolytic graphite electrode (solid line), a basal plane pyrolytic graphite electrode (dotted line), a polycrystalline gold macro electrode (dashed line) and a polycrystalline platinum macro electrode (dot-dash line). All scans vs. SCE at 100 mVs⁻¹.
A plot of peak potential, $E_p$, as a function of pH for the oxidation of 1 mM atropine using an edge plane pyrolytic graphite electrode.
ESI 3

Typical cyclic voltammetric responses recorded at a screen printed graphite electrochemical sensing platform in a pH 10 buffer solution containing 250 µM atropine and a range (50 – 500 µM) of ascorbic acid (A) and caffeine (B). All scans vs. SCE at 50 mVs⁻¹.