# Supporting information file

## Title

Office Paper-based Electrochemical Strip for Organophosphorus Pesticide Monitoring in Agricultural Soil

# Authors

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## Abstract

This file contains the evaluation of electrochemical quality of office paper-based strips (Figure S1) and selectivity studies (Figure S2).

#### Electrochemical characterization of office paper-based strip



**Figure S1.** Cyclic voltammetric experiments in 5 mM ferricyanide and 0.1 M KCl at scan rates varying from 0.02 to 0.5 V/s. Inset shows the linear correlation between currents and square root of the scan rate, for anodic and cathodic peaks.

# Selectivity studies



**Figure S2**. Measurements carried out in presence of 5 mM enzymatic substrate, 25 mU BChE with a) water, b) nitrates, c) phosphates, d) potassium, e) ammonium, f) mercury, g) arsenic, h) copper and i) cadmium, in the range of  $1 \mu g/mL$