Supplementary materials

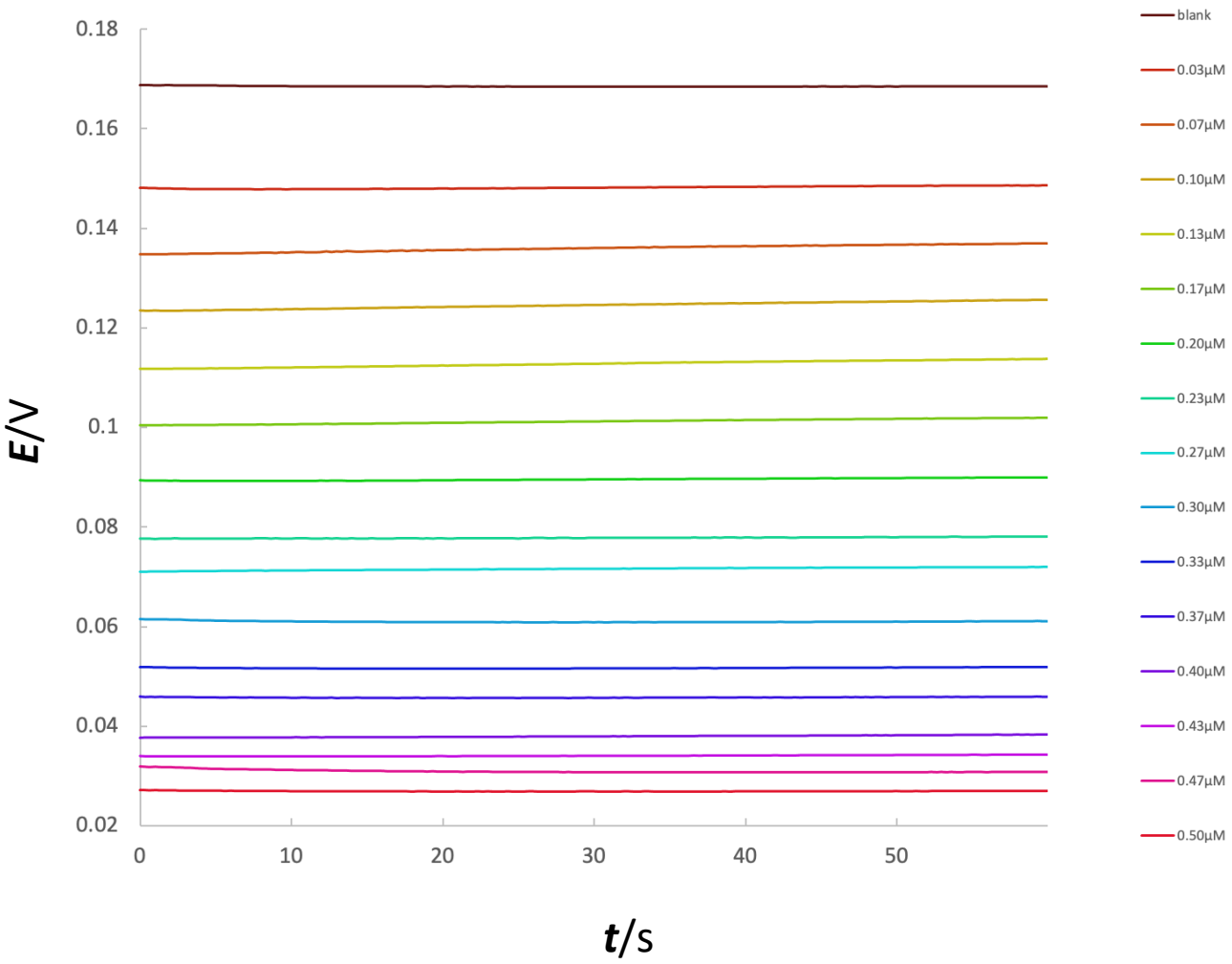

Figure S1. Potentiometric response of a MIP-based screen-printed cell at different MCPA concentrations in PBS buffer at pH = 5.5. Steady-state reached in 3 min. Cell potential registered in the last 60 s.

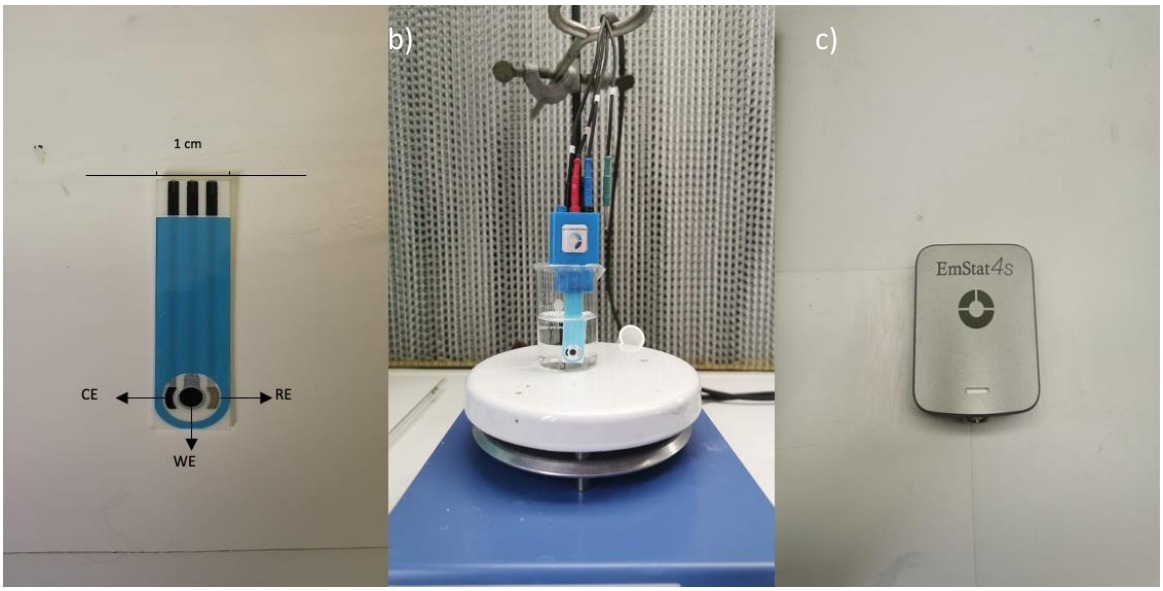

Figure S2. a) Screen Printed Cell; b) Experimental set-up: the electrode is dipped in the buffer solution and connected to c) EmStat 4s for potential acquisition.

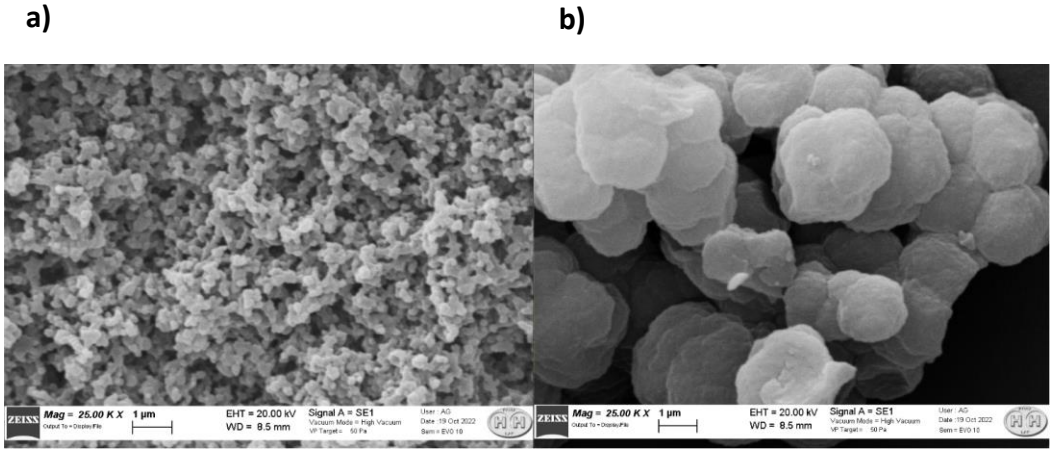

Figure S3. SEM images of (**a**) MCPA molecularly imprinted polymer and (**b**) not-imprinted polymer at the same magnification

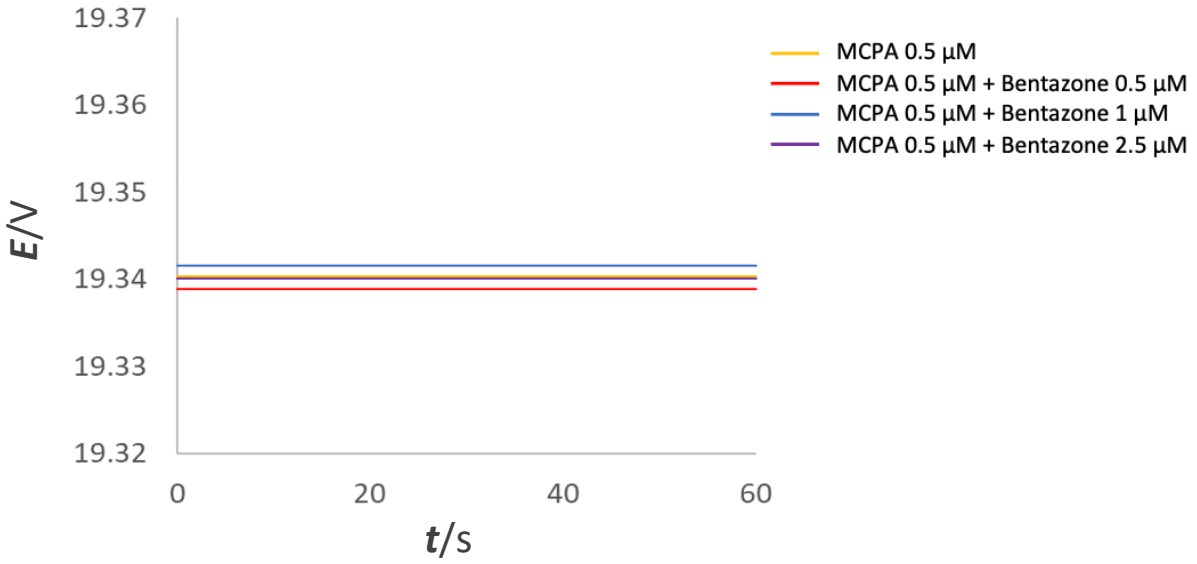

Figure S4. Potentiometric response of the MIP-modified electrode in MCPA 0.5 µmol L^{-1} solution after the addition of Bentazone of 0.5 µmol L^{-1}, 1.0 µmol L^{-1} and 2.5 µmol L^{-1}.