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New journal of chemistry

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Electronic Supplementary Materials:



Figure S1. The AFM images of the Lac-imprinted polymeric thin films with EVAL containing 32 mole % of ethylene (a) before and (b) after the Lac removal and (c) rebound. The size and the maximum height of images are the same with GOx MIPs, i.e 10x 10 μ m² and 250 nm, respectively, for Lc MIPs after template removal.



Figure S2. (A) An AFM image height profile of EVAL thin film; and (B) histogram of height counts.



Figure S3. Cyclic voltammetry (following the protocol in ref #22) of (a) the GOx-imprinted EVAL electrodes (before and after GOx removal) with 15mM glucose; of (b) Bare and Lac-imprinted EVAL electrodes measured at 24hrs with same conditions of the full cell mentioned in section 2.4 at a scan rate of 0.1 V/s.