Supplementary Materials: Preparation of Photoirradiation Molecular Imprinting Polymer for Selective Separation of Branched Cyclodextrins

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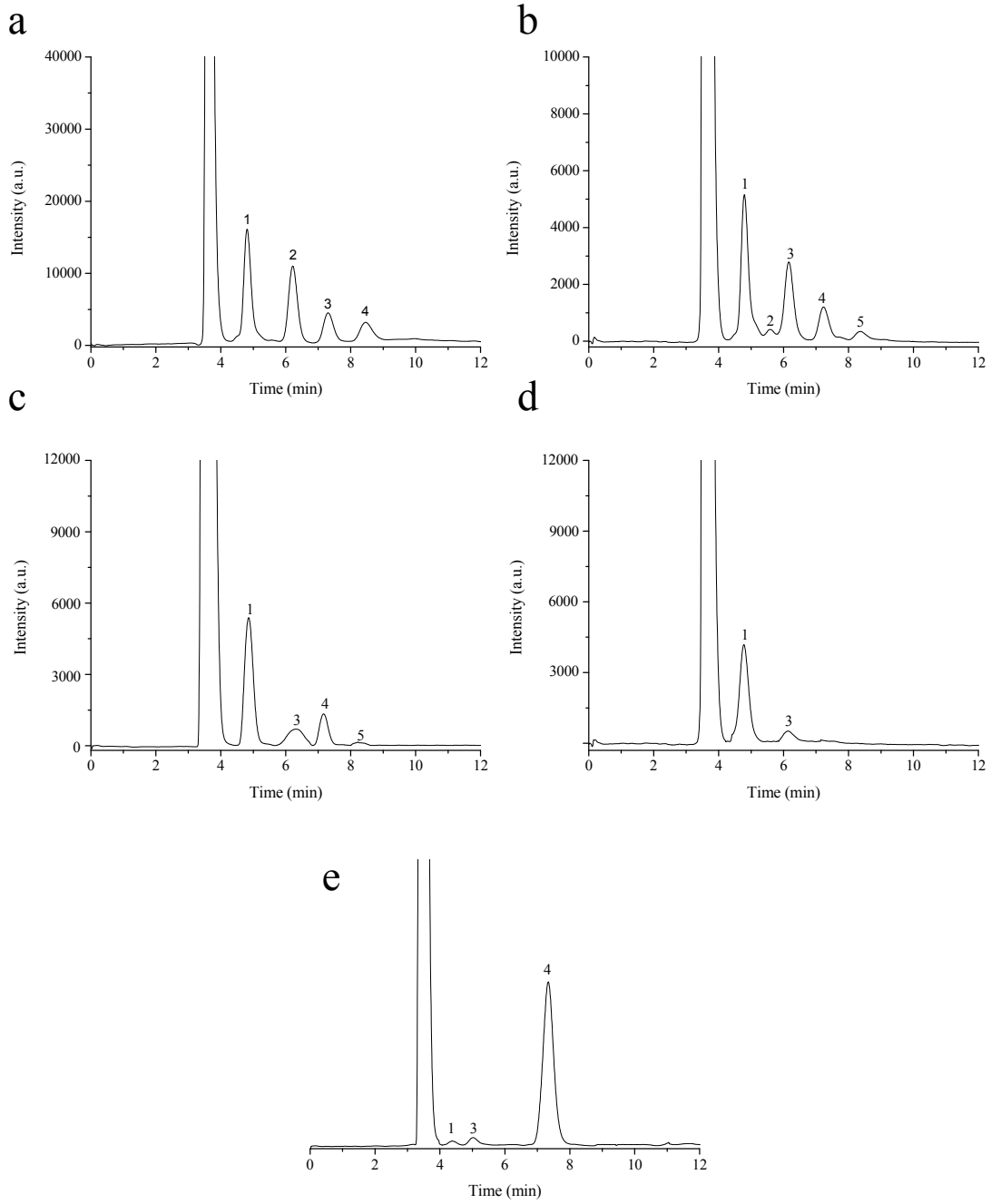

Figure S1. HPLC of samples: (**a**) standard samples; (**b**) the synthetic crude 6-*O*-*α*-D-maltosyl-β-cyclodextrin (G2-β-CD); (**c**) the synthetic crude G2-β-CD in 50% methanol; (**d**) the precipitation after irradiation under 365 nm light; (**e**) the separated and purified G2-β-CD by molecularly imprinted polymer (MIP). Peaks: 1. maltose; 2. maltosyl maltose; 3. β-cyclodextrin; 4. maltosyl β-cyclodextrin; 5. dimaltosyl β-cyclodextrin. a.u.: arbitrary units.

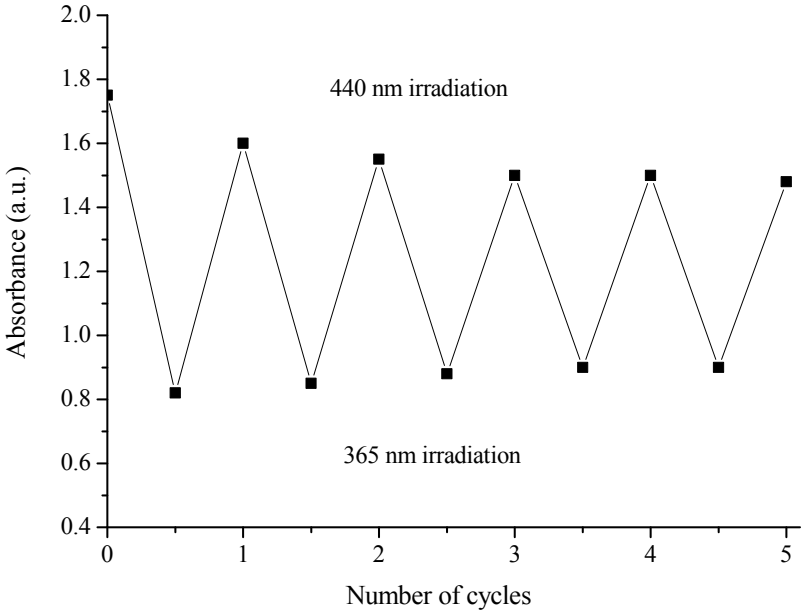

Figure S2. Reversibility of the photoisomerization process of azobenzene chromophore in MIP at 25 °C. In each cycle, the azo monomer solution was irradiated firstly with 365 nm ultraviolet (UV) light for 50 min and then with 440 nm visible light for 10 min, respectively. a.u.: arbitrary units.