

Supporting Information

The Influence of Surface Platinum Deposits on the Photocatalytic Activity of Anatase TiO₂ Nanocrystals

Paul A. Pepin^{1,*}, Jennifer D. Lee², Alexandre C. Foucher³, Christopher B. Murray^{2,3}, Eric A. Stach³, and John M. Vohs^{1,*}

¹Department of Chemical and Biomolecular Engineering,

²Department of Chemistry, and

³Department of Materials Science and Engineering,

University of Pennsylvania, Philadelphia, Pennsylvania 19104

Corresponding Author

E-mail for P.A.P.: pepinp@seas.upenn.edu

E-mail for J.M.V.: vohs@seas.upenn.edu

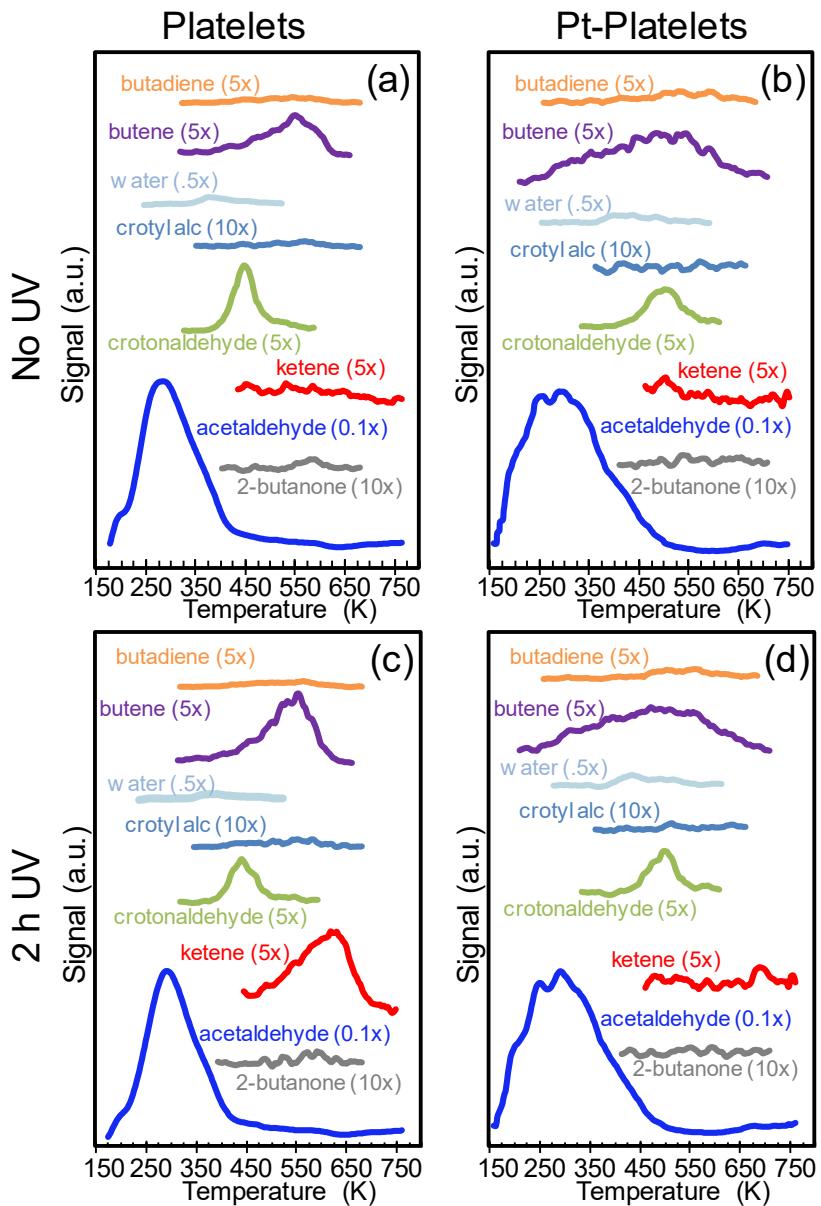


Figure S1. TPD spectra after dosing acetaldehyde at saturation coverage, obtained from (a) bare platelets, and the (b) the Pt-decorated platelets. TPD spectra from these same samples with 2 hours UV exposure following acetaldehyde dosing are presented in Figures c and d, respectively.