

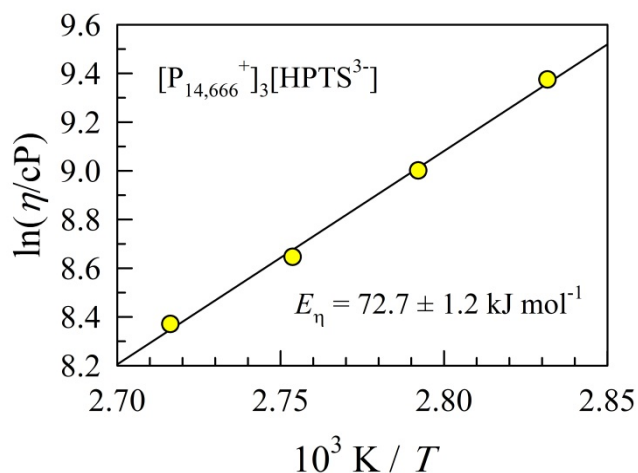
SUPPORTING INFORMATION:

'Liquid Litmus': Chemosensory pH-Responsive Photonic Ionic Liquids

⁵ Ka Yi Yung,^a Abby J. Schadock-Hewitt,^a Neil P. Hunter,^a Frank V. Bright,^{*a} and Gary A. Baker^{*b}

^a Department of Chemistry, University at Buffalo, The State University of New York, Buffalo, NY 14260-3000, USA. E-mail: chefvb@buffalo.edu

¹⁰ ^b Department of Chemistry, University of Missouri-Columbia, Columbia, MO 65211, USA; E-mail: bakergar@missouri.edu



¹⁵ Fig. S1. Arrhenius plot of $[P_{14,666}^+]_3[HPTS^{3-}]$ for estimation of E_η .

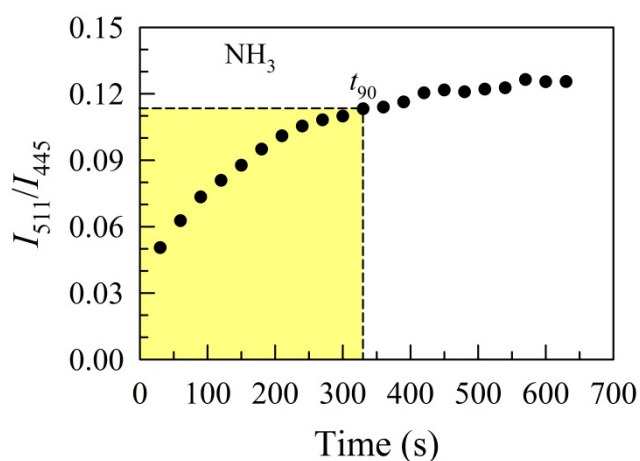


Fig. S2. Typical $[P_{14,666}^+]_3[HPTS^{3-}]$ response kinetics following exposure to NH_3 .