

Supplementary Data

A 1,8-naphthalimide-based chemosensor for dual-mode sensing: Colorimetric and fluorometric detection of multiple analytes

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Figure S1. Time-course experiments of sensor **1** for the detection of F^- and CN^- . Absorbance at 628 nm were taken immediately after the addition of each anion.

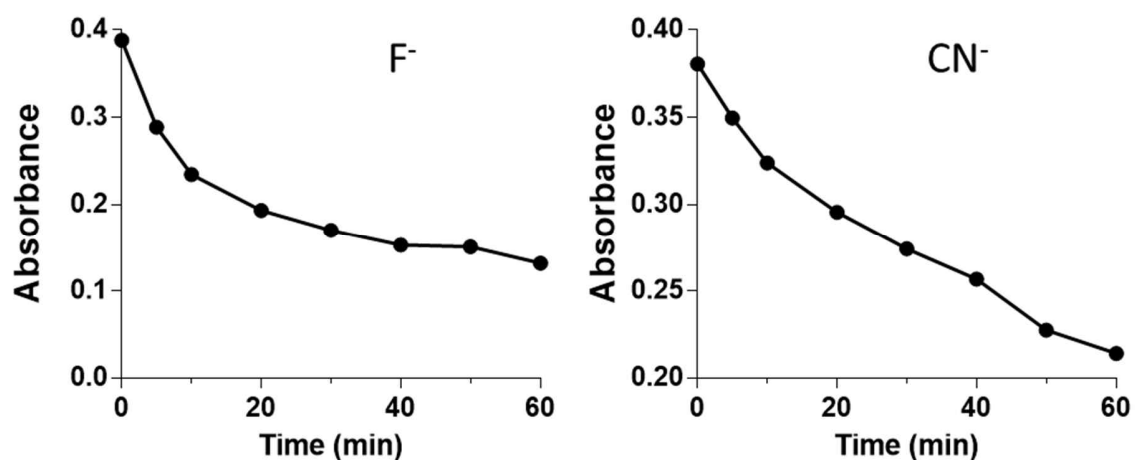


Figure S2. Benesi-Hildebrand plots for CN^- and F^- in the presence of **1** ($5\mu M$)

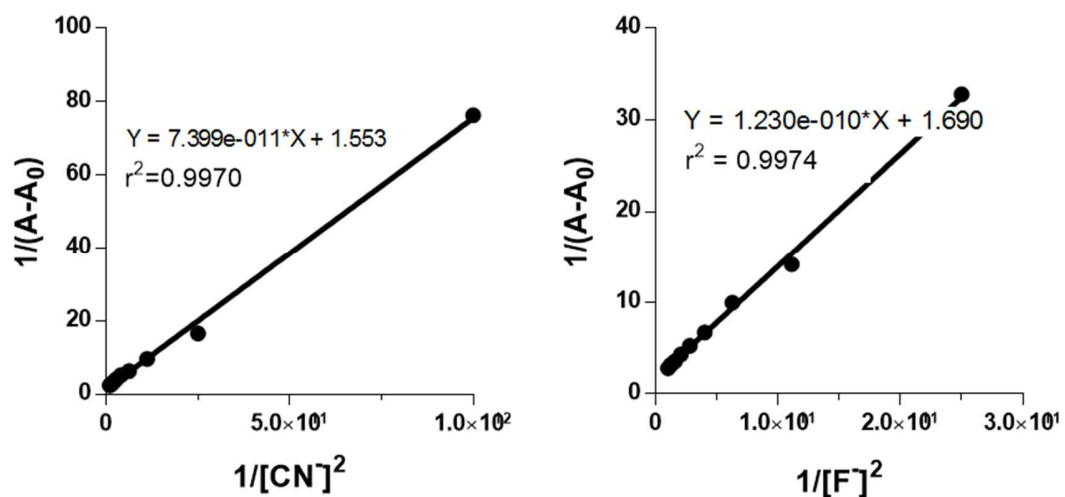


Figure S3. Absorption spectra of **1** ($5\mu\text{M}$) in the presence of various ions (10eq) in a 9:1 mixture of CH_3CN and HEPES buffer (10mM , $\text{pH } 7.4$)

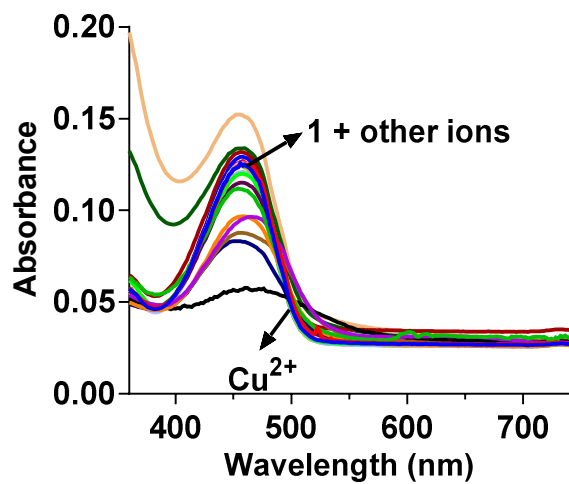


Figure S4. Time-dependent fluorescence responses of sensor **1** for Hg^{2+}

