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Electronic Supporting Information

for

Detection of the PFOS and the copper (II) ion based on complexation induced fluorescence quenching of porphyrin molecules

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Figures



Figure S1 Fluorescence spectra of the TMPyP in the absence and presence of different concentrations of the PFOS. Concentration: TMPyP, 5.0 μ M; PFOS, 0.0, 0.6, 2.0, 4.0, 6.0, 8.0, 12.0, 14.0, 18.0 μ M. λ ex, 425.0 nm, pH 5.5.

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Figure S2 Fluorescence spectra of the TPPS₄ in the absence (black curve) and presence (red curve) of the PFOS. Concentration: TPPS₄, 1.7 μ M; PFOS, 10.0 μ M. λ ex, 430.0 nm, pH 5.5.