

In situ solvothermal synthesis of heteronuclear Copper(I)-Alkaline metals tetrazole-based coordination polymers

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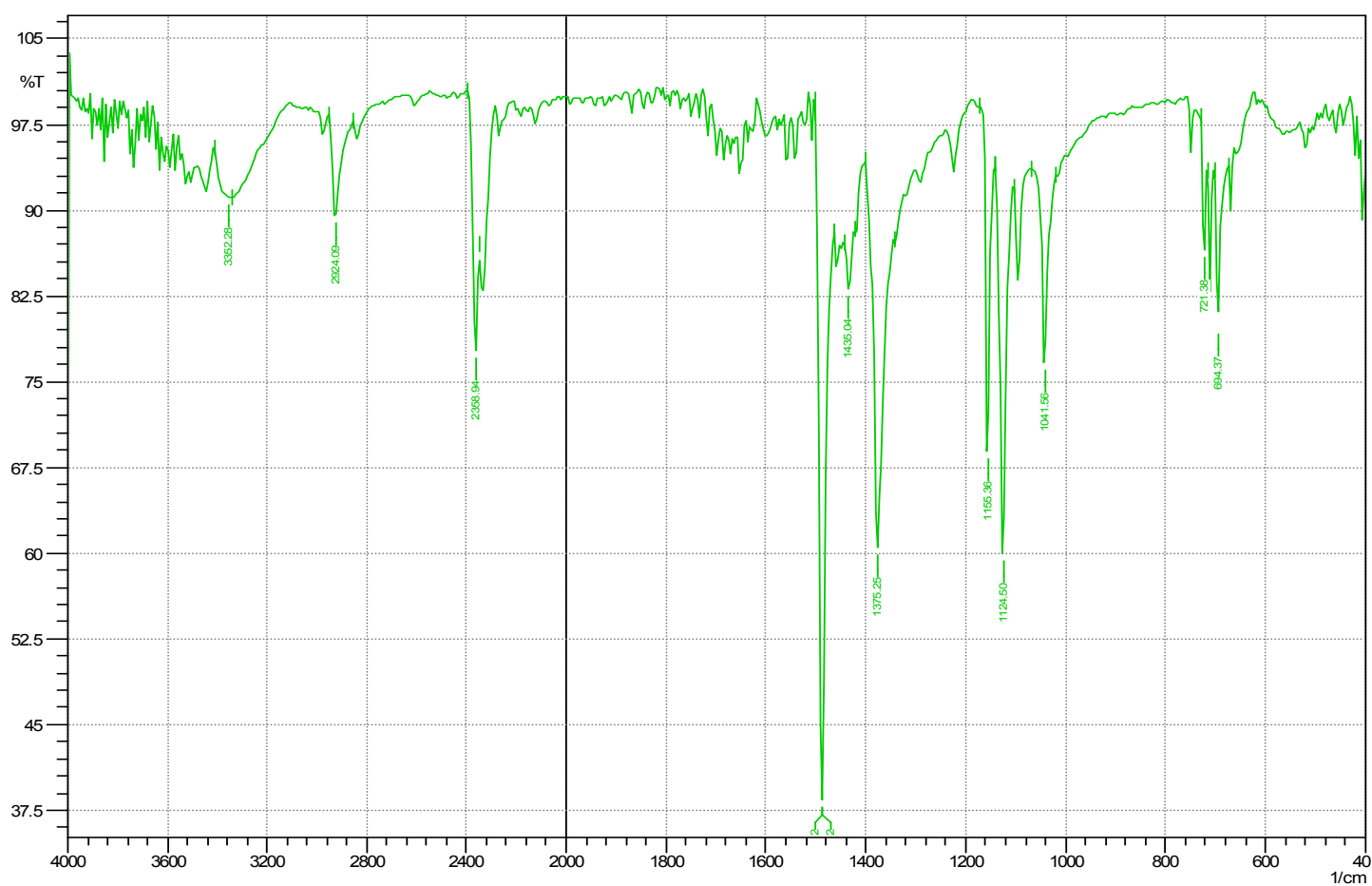


Figure. S1 IR spectra of compound **1**. IR (KBr, cm^{-1}): 3352(w), 2924(w), 2358(m), 1500(s), 1385(s), 1156(s), 1245(s), 1041(m), 721(w), 694(m)

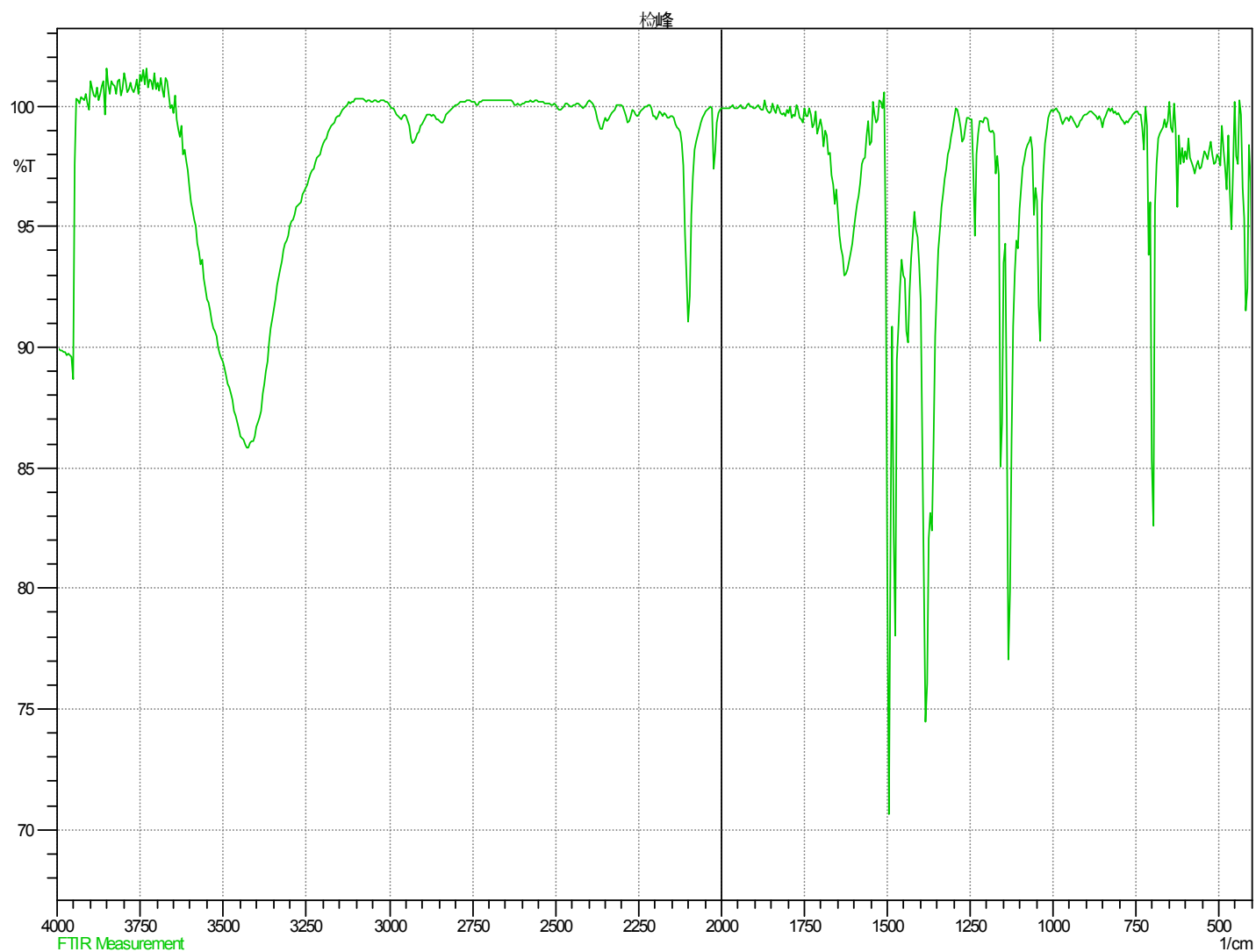


Figure. S2 IR spectra of compound **2**. IR (KBr, cm^{-1}): 3423(s), 2948(w) 2100(m), 1620(s), 1490(s), 1384(s), 1153(m), 1132(s), 1039(w), 702(s)

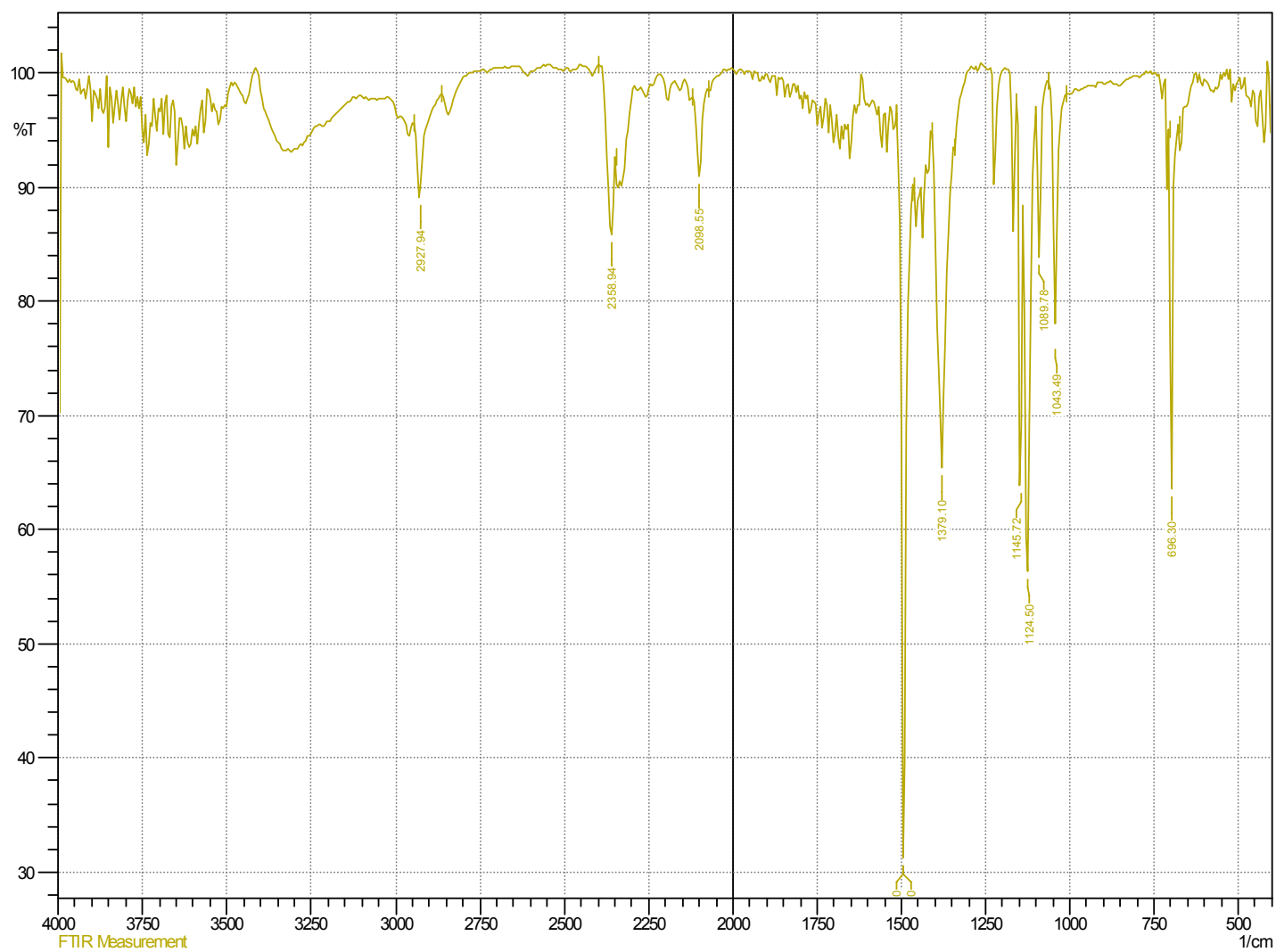


Figure. S3 IR spectra of compound **3**. (KBr, cm^{-1}): 3339(w), 2928(w), 2338(m), 2066(s), 1500(s), 1389(s), 1145(s), 1124(s), 1043(m), 696(s)

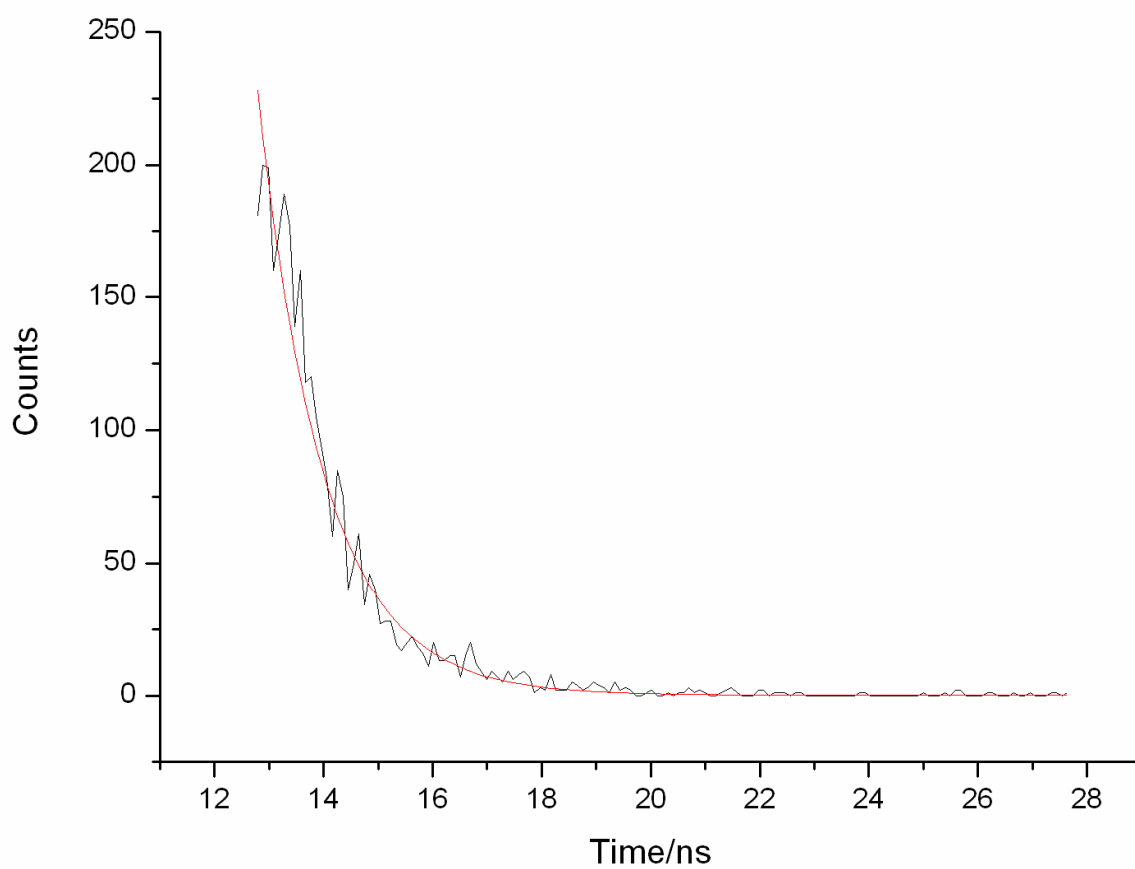


Figure. S4 Fluorescence decay curve of complex **1** and $\tau = 0.96$ ns {Fit= $A+B(e^{-t/\tau})$ }.

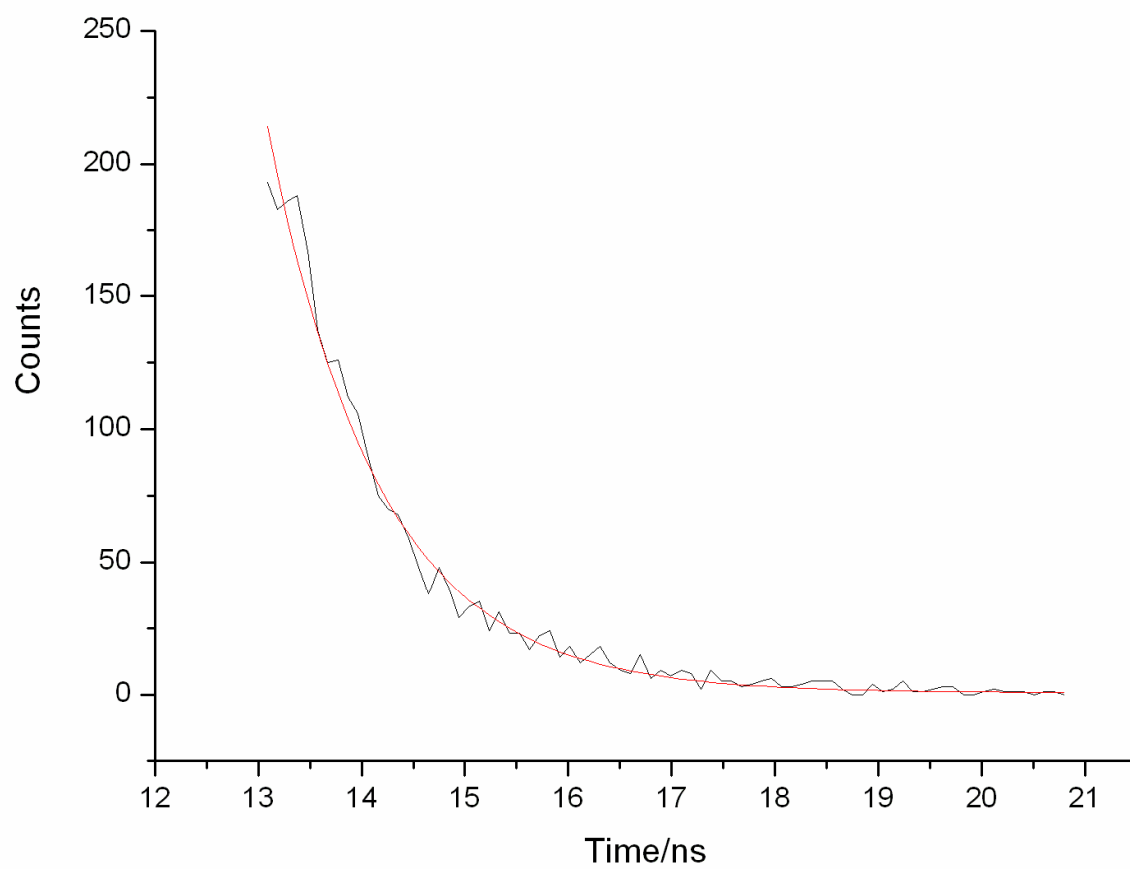


Figure. S5 Fluorescence decay curve of complex **2** and $\tau = 1.02$ ns {Fit= $A+B(e^{-t/\tau})$ }.

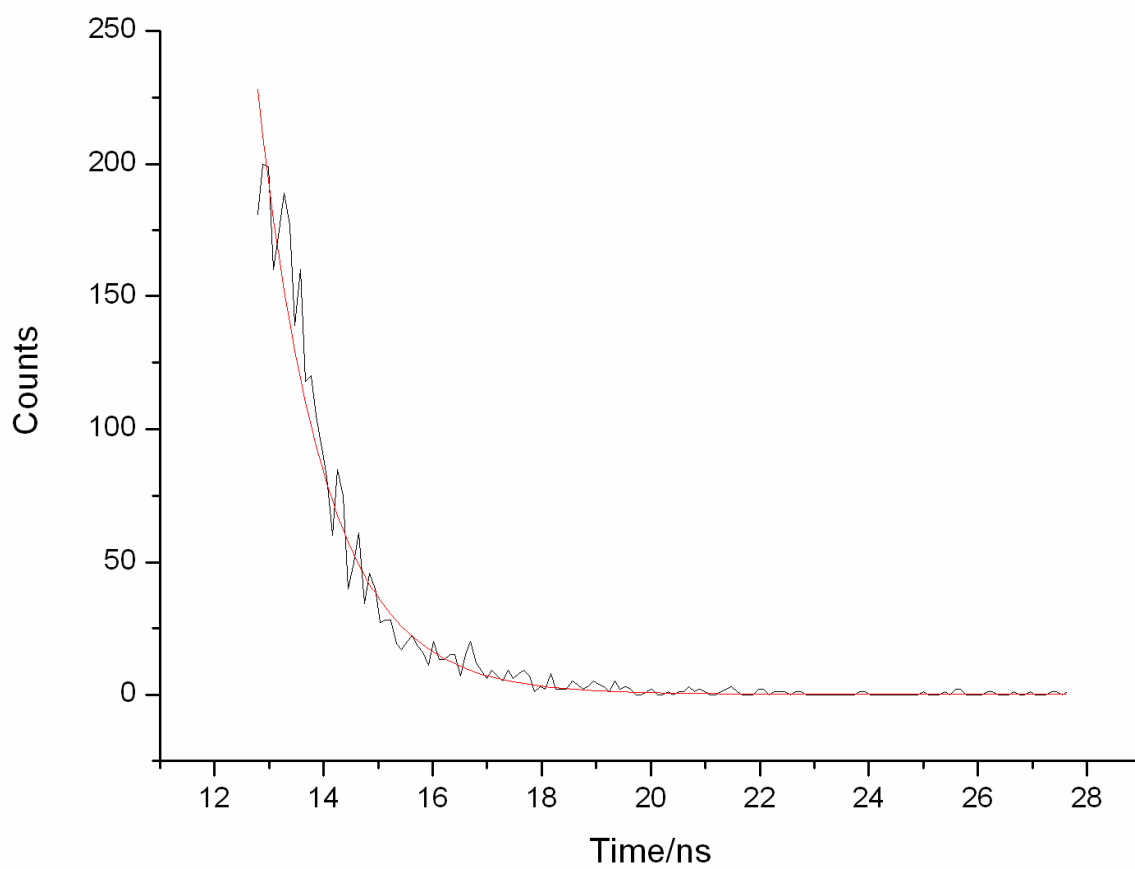


Figure. S6 Fluorescence decay curve of complex **3** and $\tau = 1.12$ ns {Fit= $A+B(e^{-t/\tau})$ }.