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Supplementary Material

Synthesis and Characterization of Three New Emissive Mononuclear Cu^I Heteroleptic Complexes with Functionalized 6-Cyano-2,2'-bipyridine Chelating Ligands

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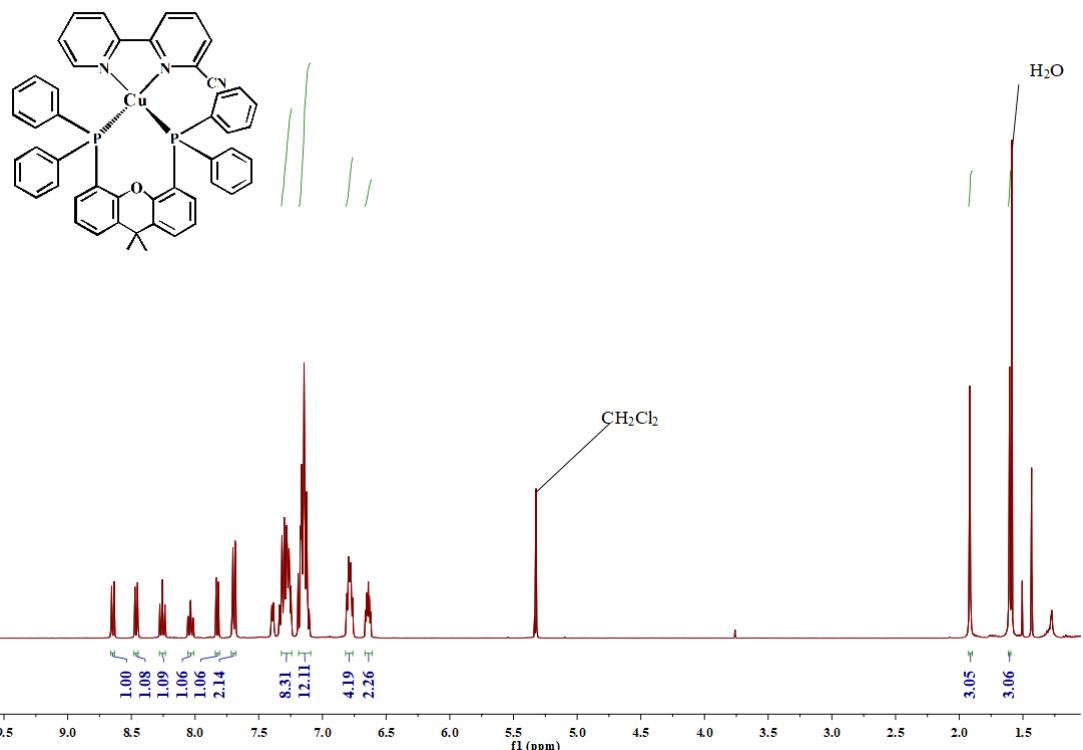


Fig. S1 ¹H NMR spectrum of **1** in CD_2Cl_2 .

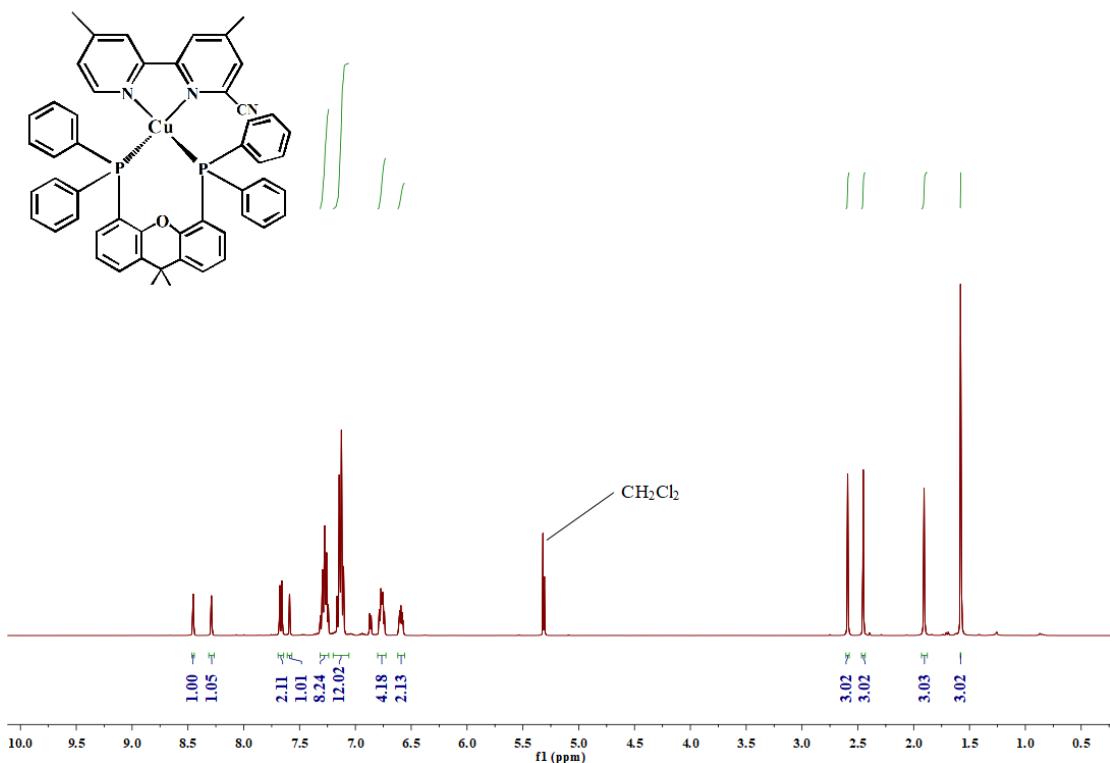


Fig. S2 ¹H NMR spectrum of **2** in CD_2Cl_2 .

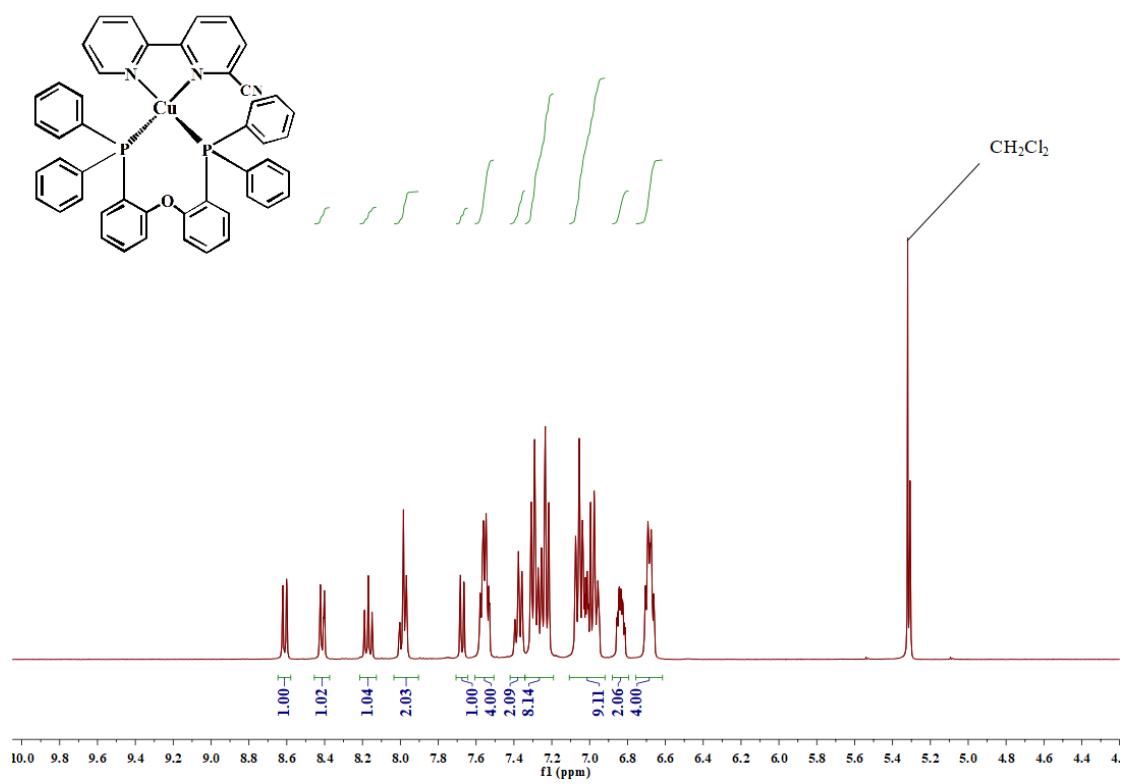


Fig. S3 ^1H NMR spectrum of **3** in CD_2Cl_2 .

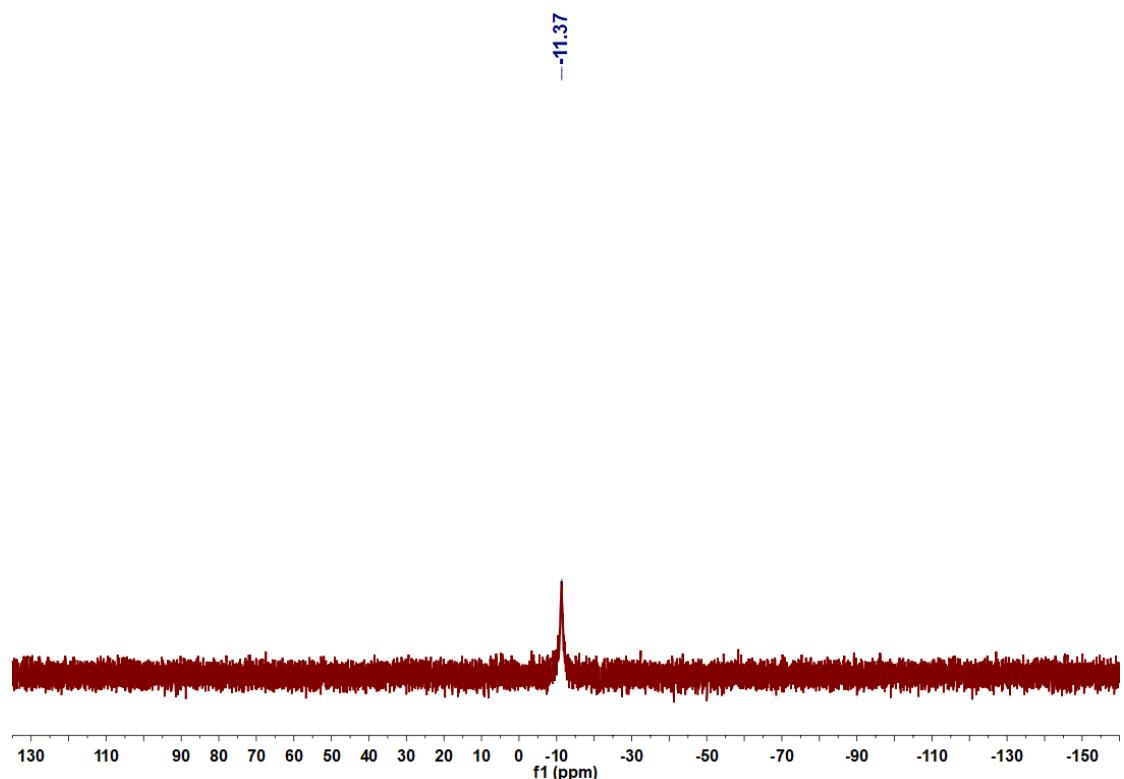


Fig. S4 ^{31}P NMR spectrum of **1** in CD_2Cl_2 .

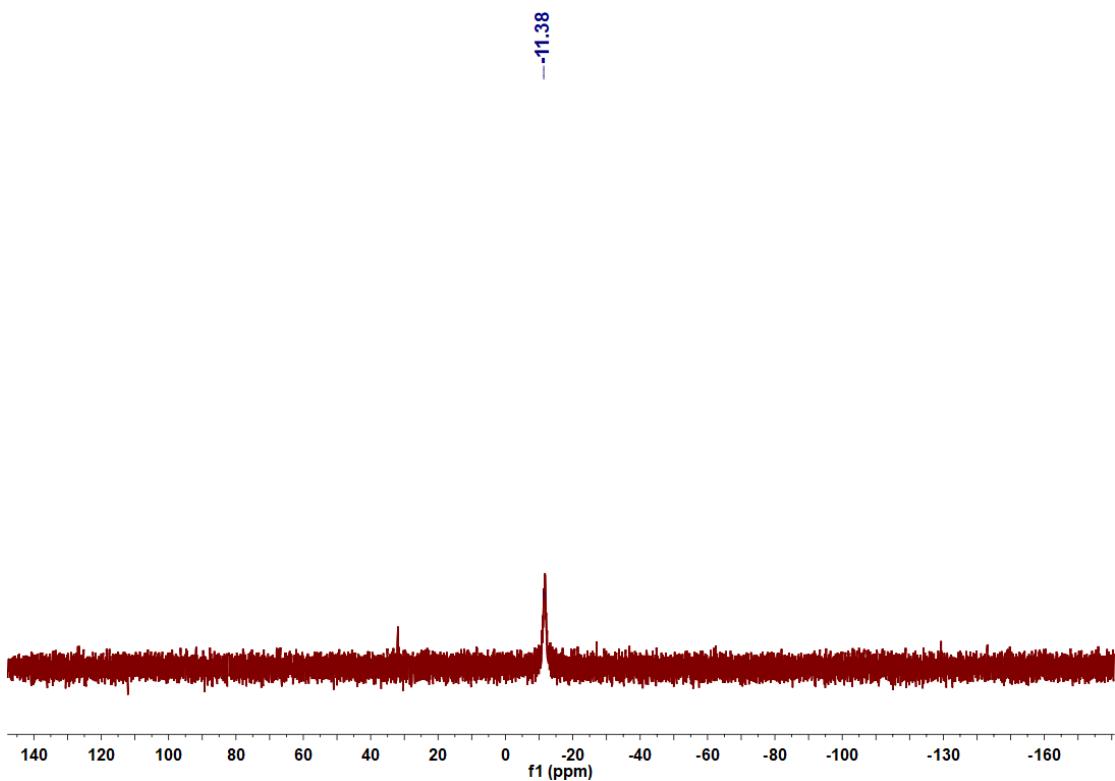


Fig. S5 ^{31}P NMR spectrum of **2** in CD_2Cl_2 .

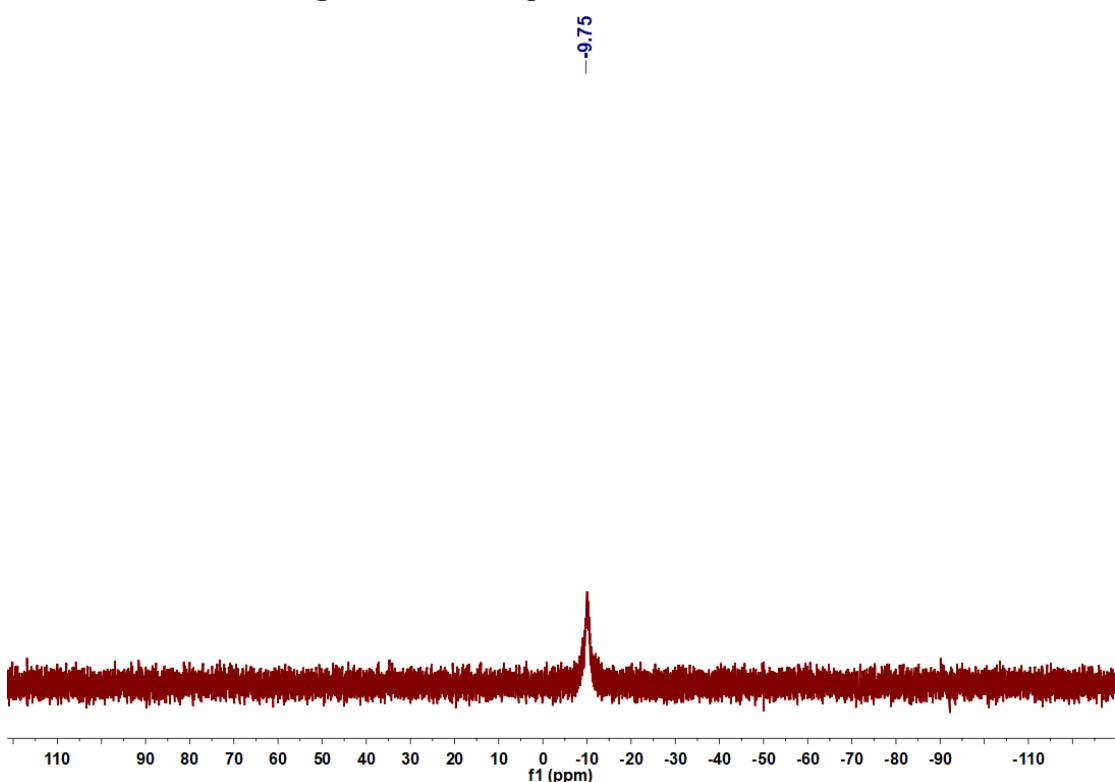


Fig. S6 ^{31}P NMR spectrum of **3** in CD_2Cl_2 .

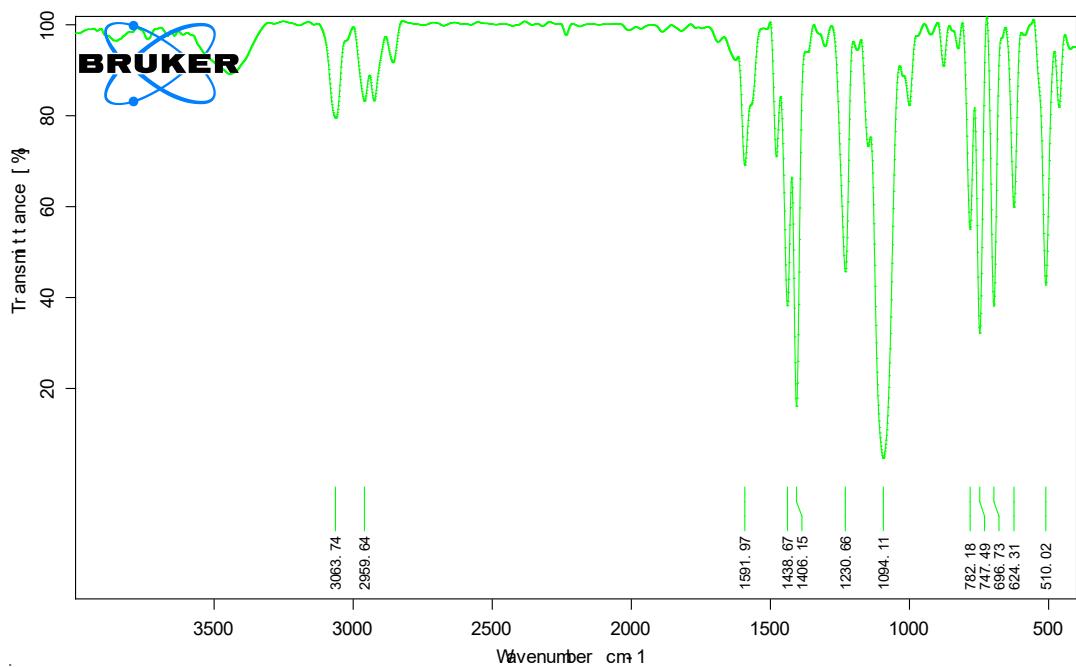


Fig. S7 IR spectrum of **1**.

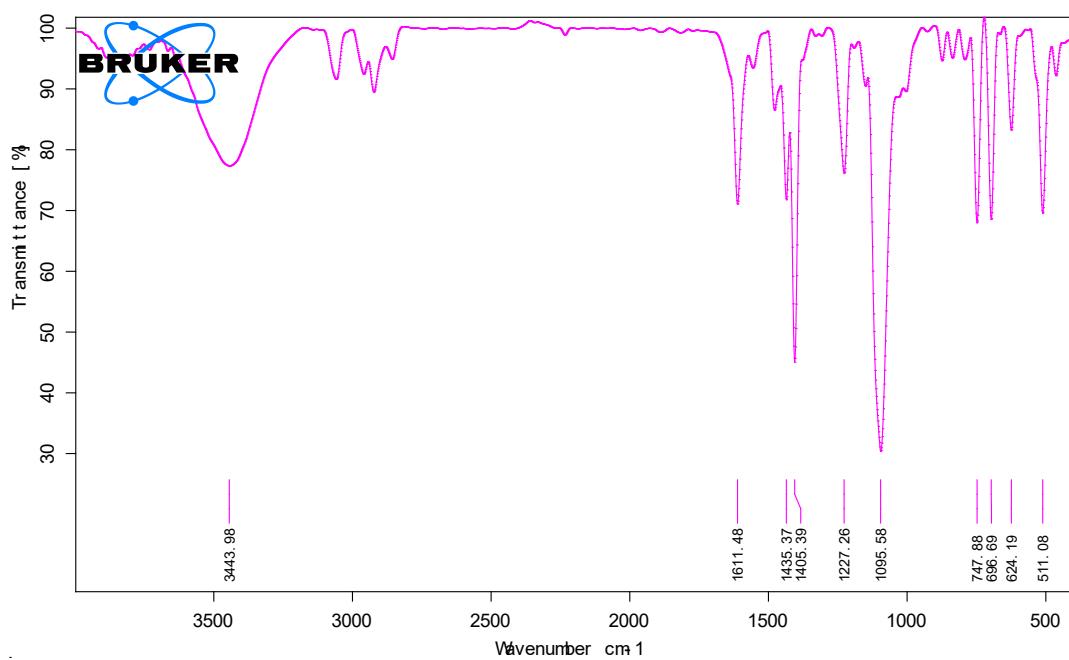


Fig. S8 IR spectrum of **2**.

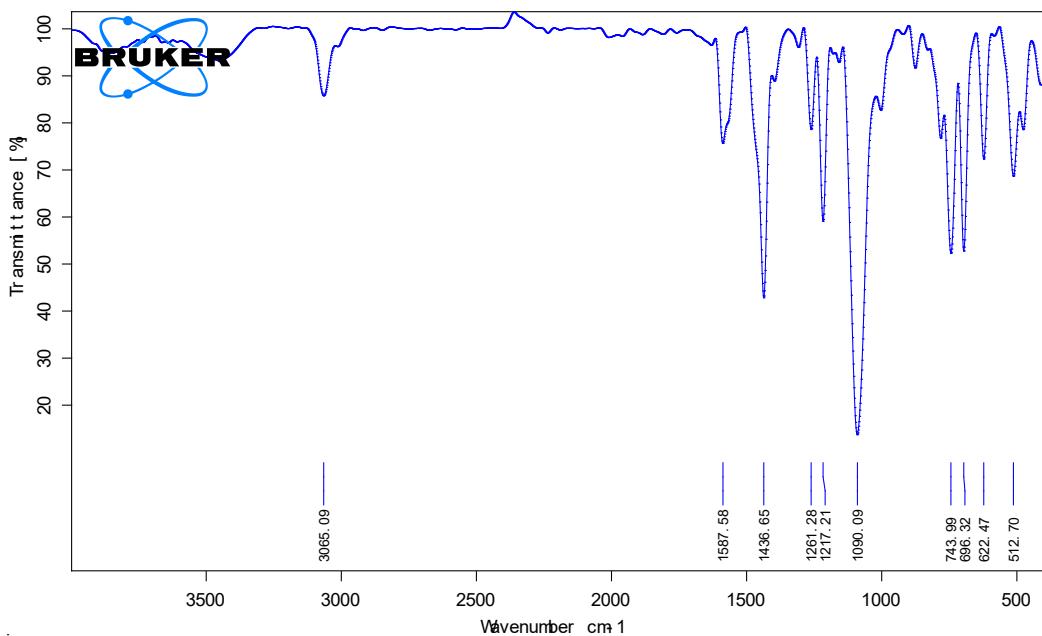


Fig. S9 IR spectrum of **3**.

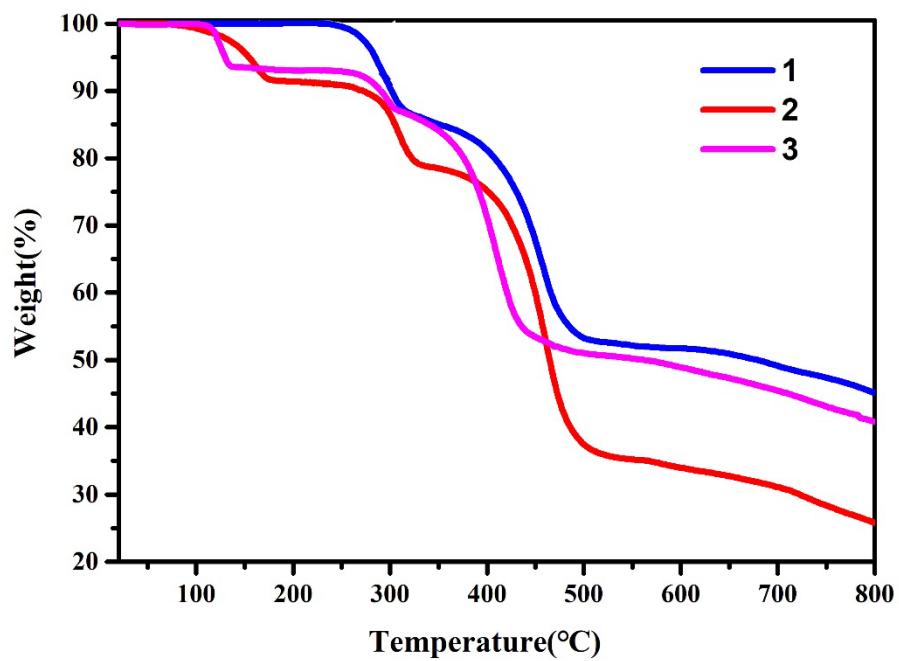


Fig. S10 Thermogravimetric analysis (TGA) curves for **1–3**.

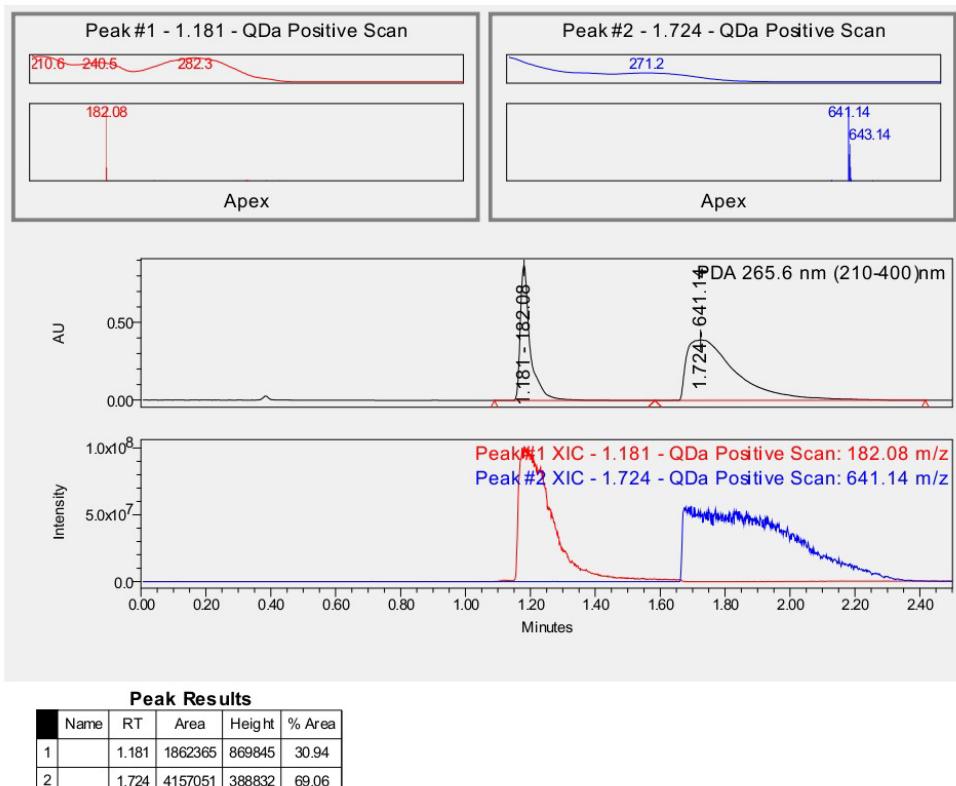


Fig. S11 LC-MS of complex 1

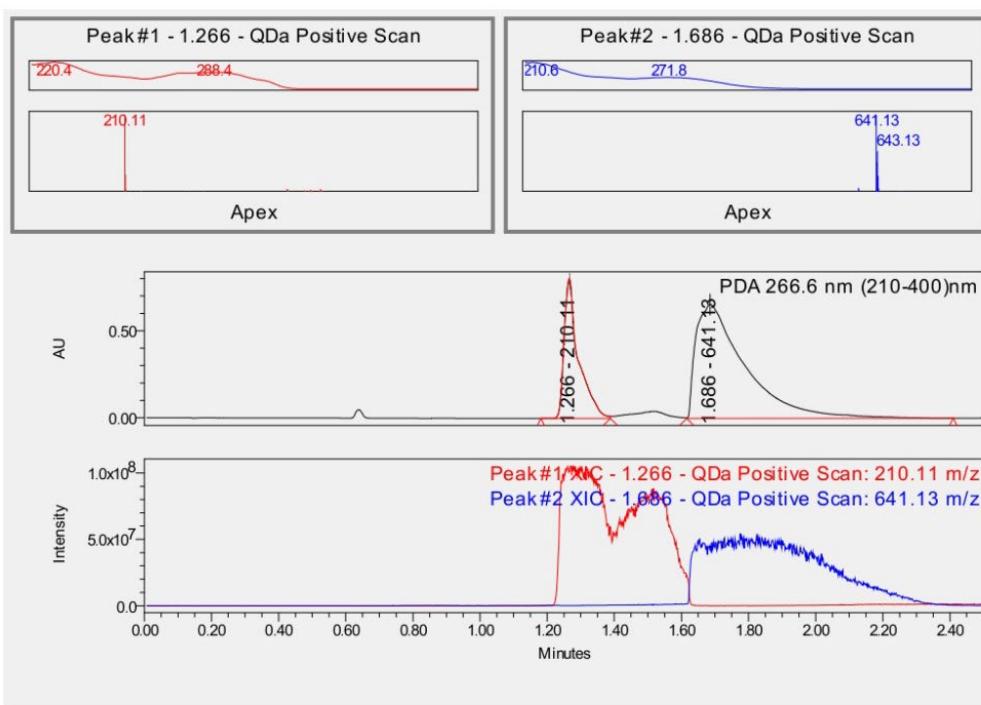


Fig. S12 LC-MS of complex 2

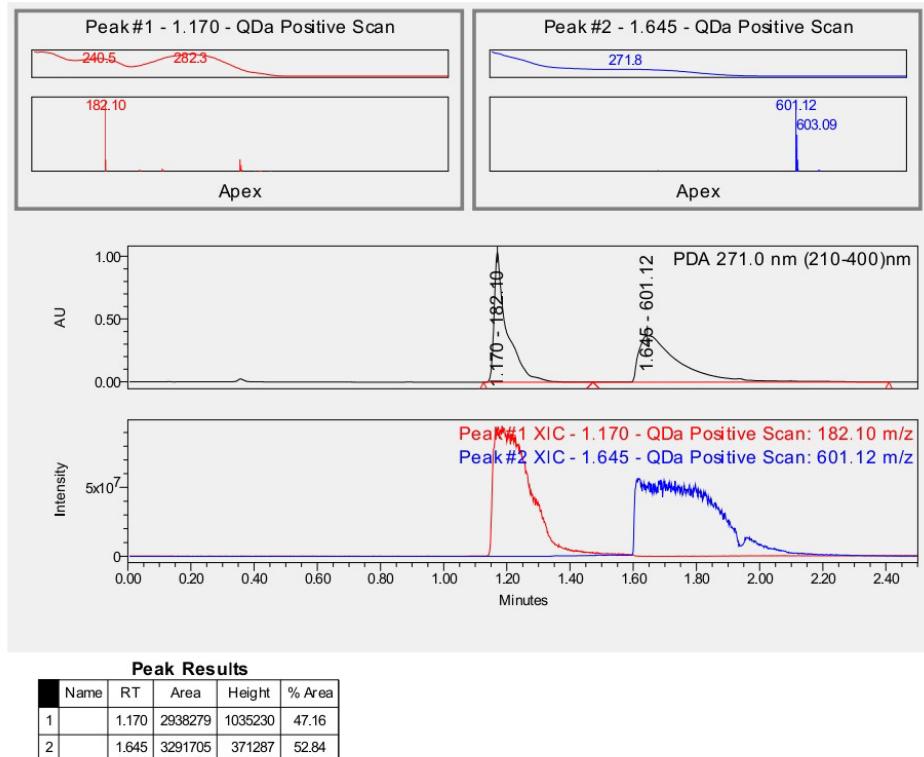


Fig. S13 LC-MS of complex 3