

**Electronic Supplementary Information for the Manuscript:**

**Assessment of aggregation and adsorption behavior of newly synthesized tetradecylpyridinium-based metallosurfactants and their interaction with bovine serum albumin†**

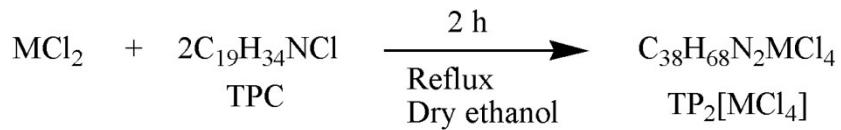
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†Electronic supplementary information available: Protocol for the synthesis of TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants (Scheme S1), photographs of the anhydrous metal(II) chlorides, TPC and synthesized TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants (Fig. S1), <sup>1</sup>H NMR spectra (Fig. S2), <sup>13</sup>C NMR spectra (Fig. S3) and FTIR spectra of TPC and TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants (Fig. S4).



M = Mn, Co, Ni, Cu, Zn

Scheme S1. Protocol for the synthesis of TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants.

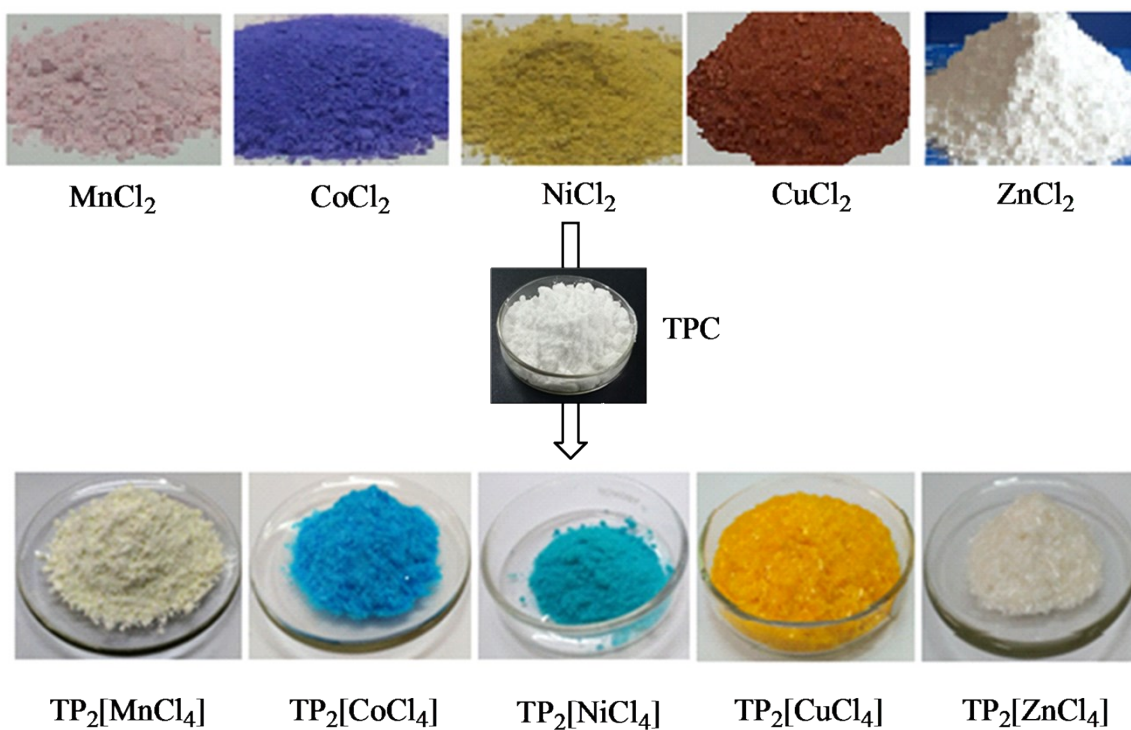
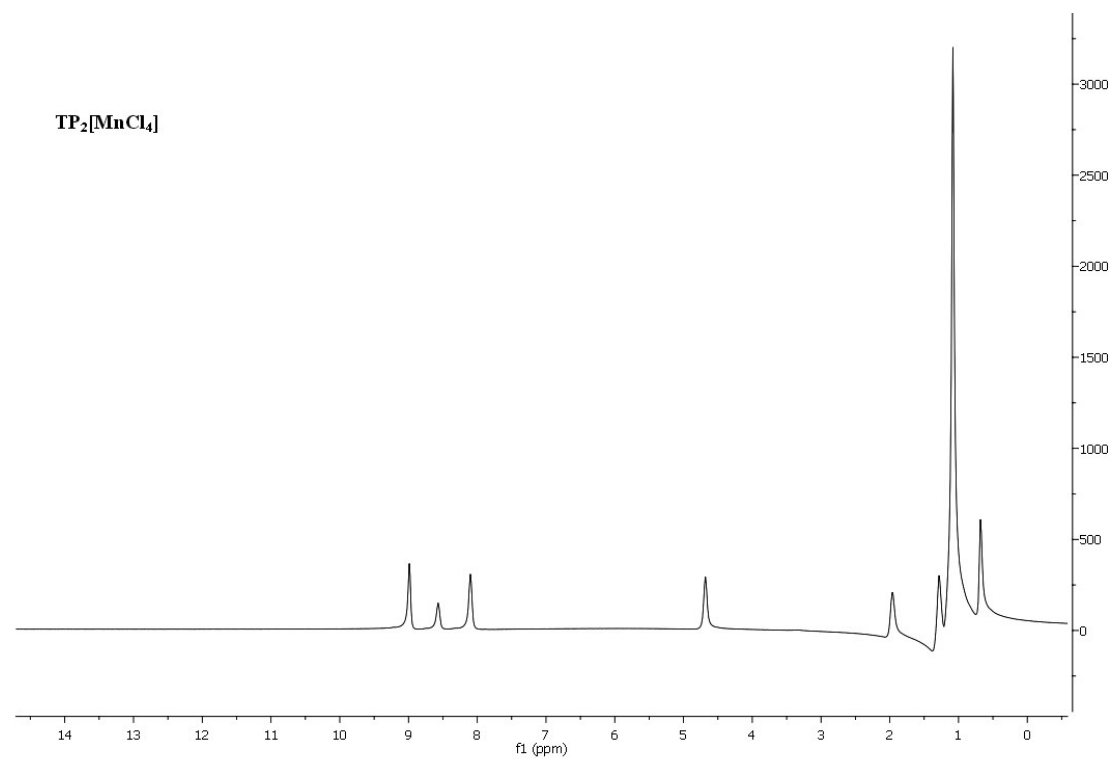
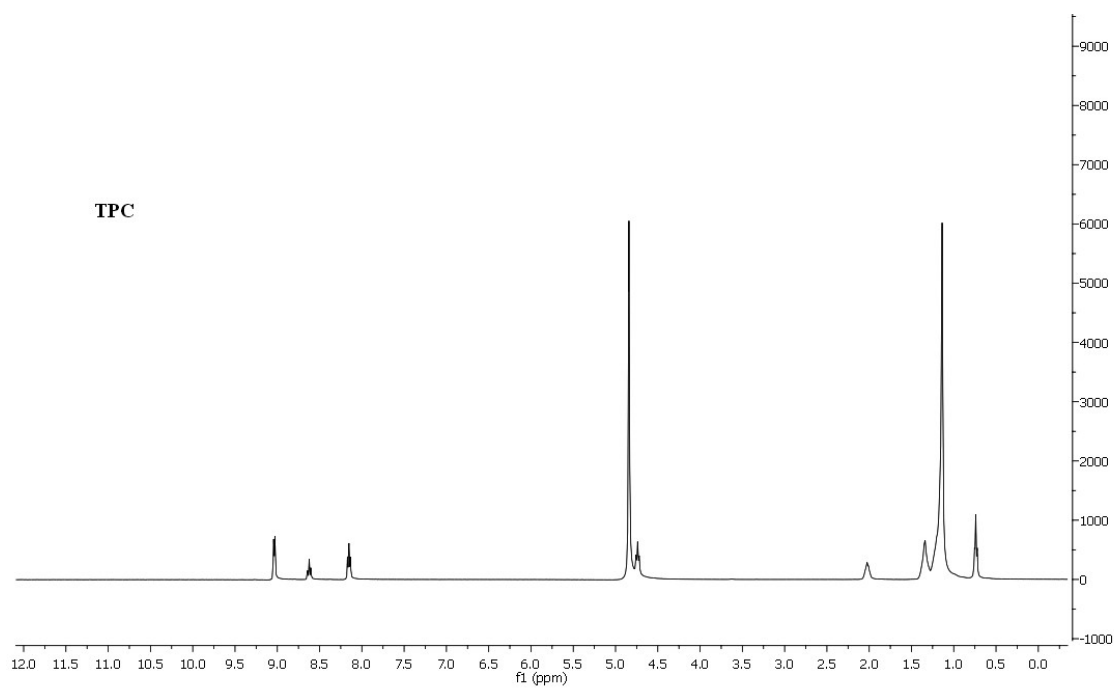
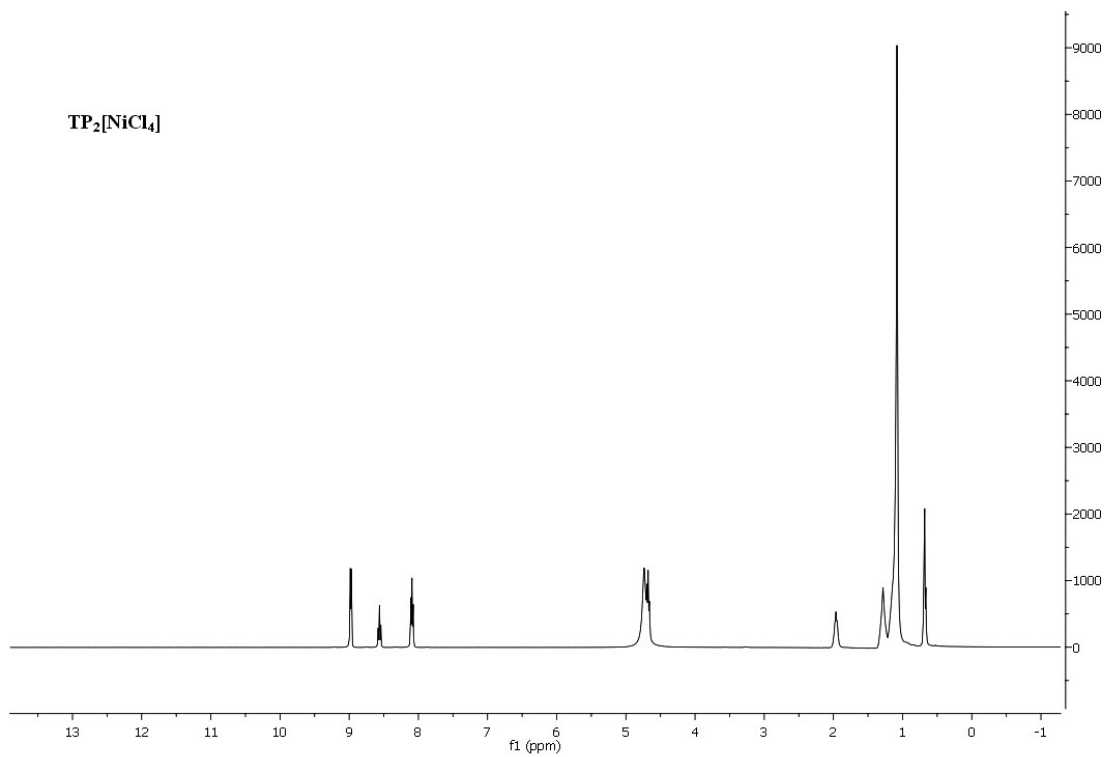
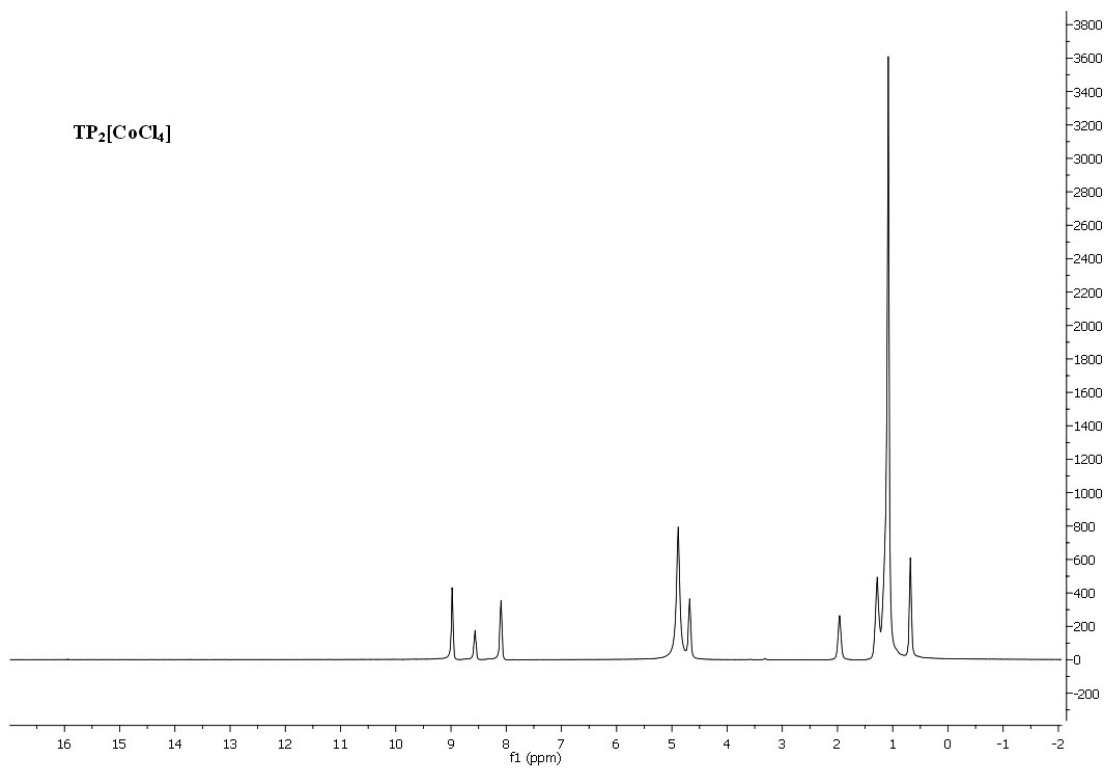


Fig. S1. Photographs of the anhydrous metal(II) chlorides, TPC and synthesized TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants.





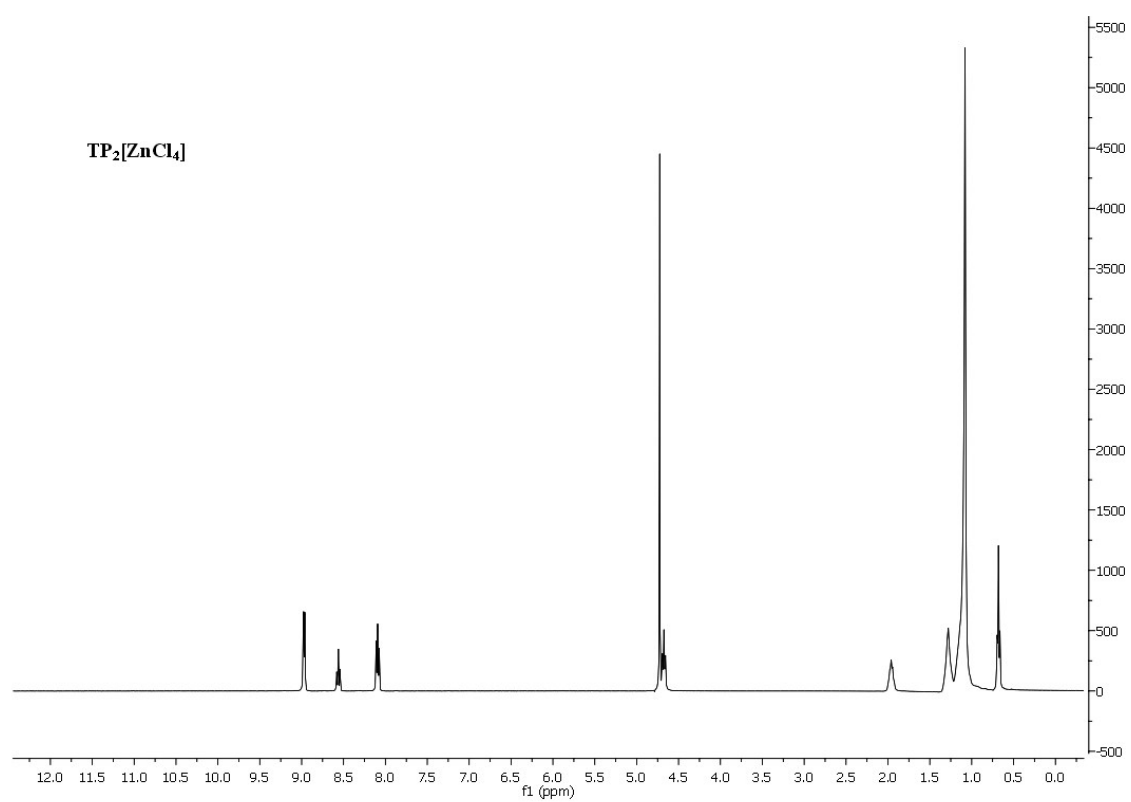
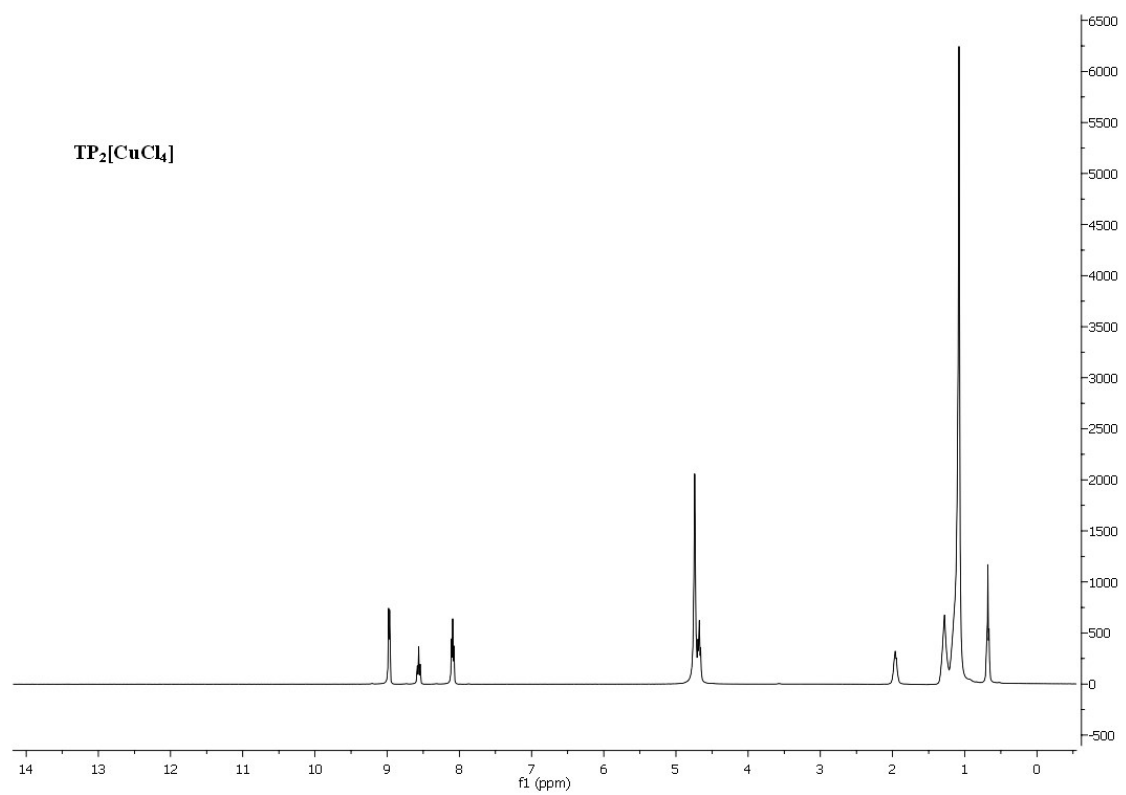
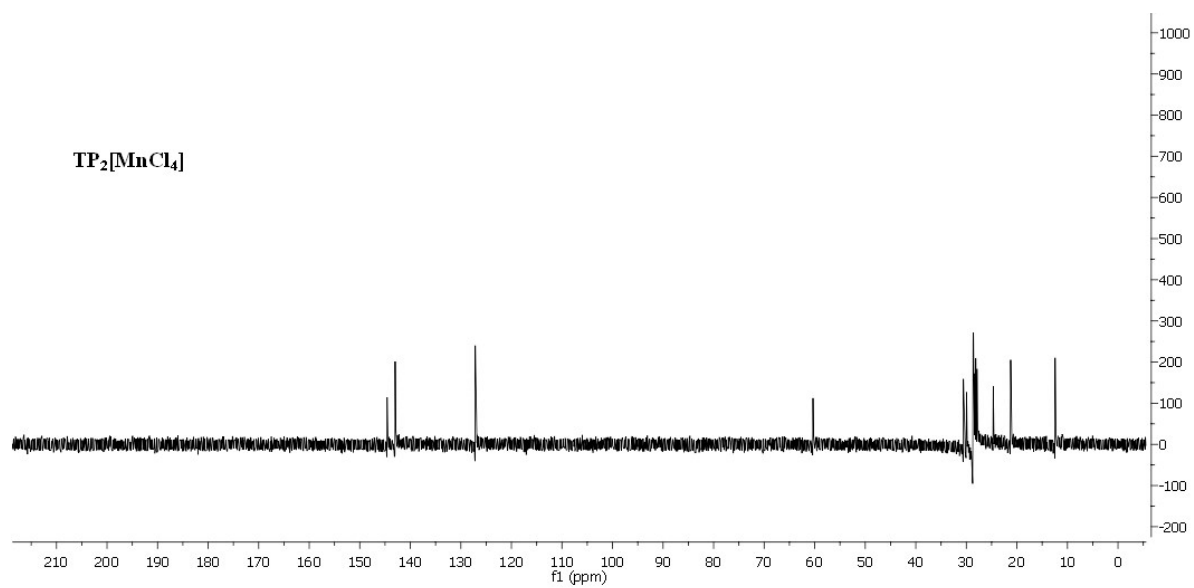
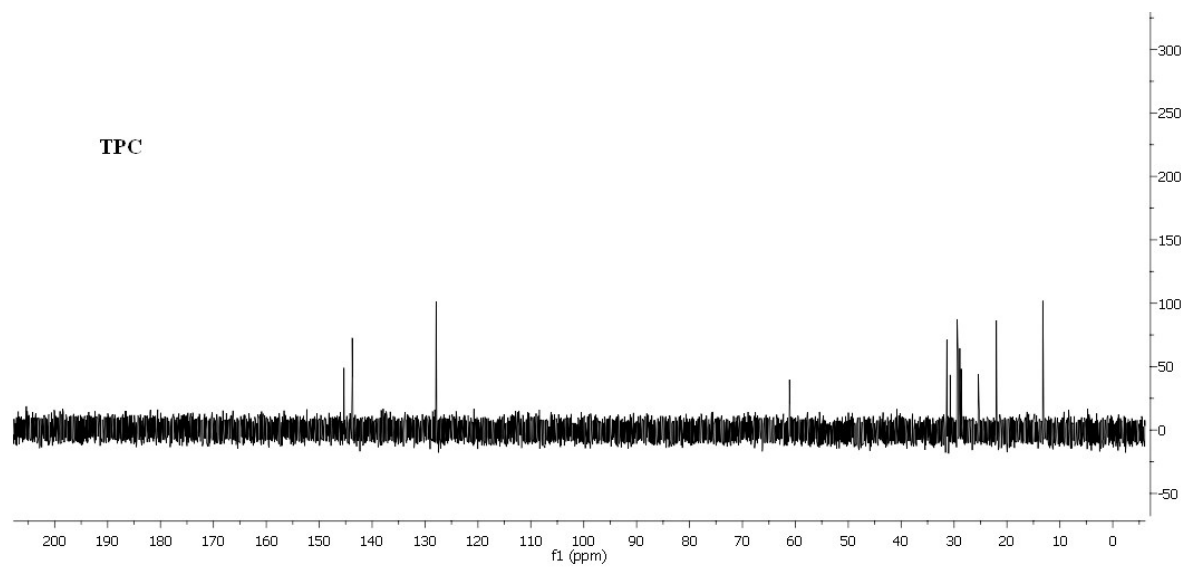
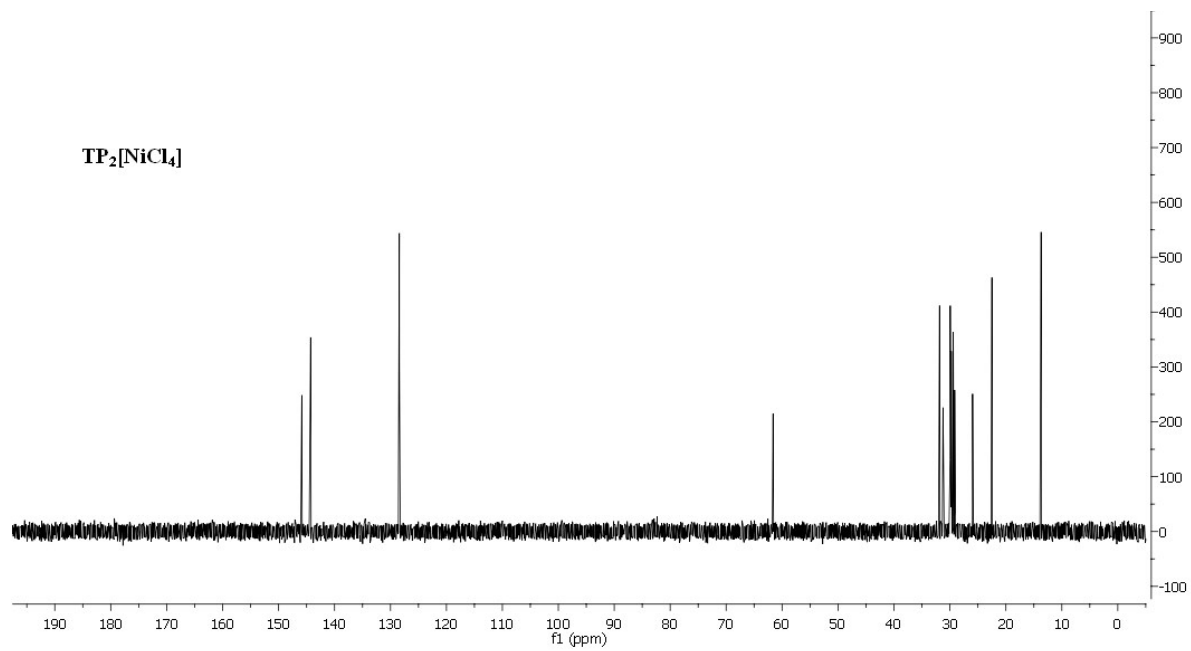
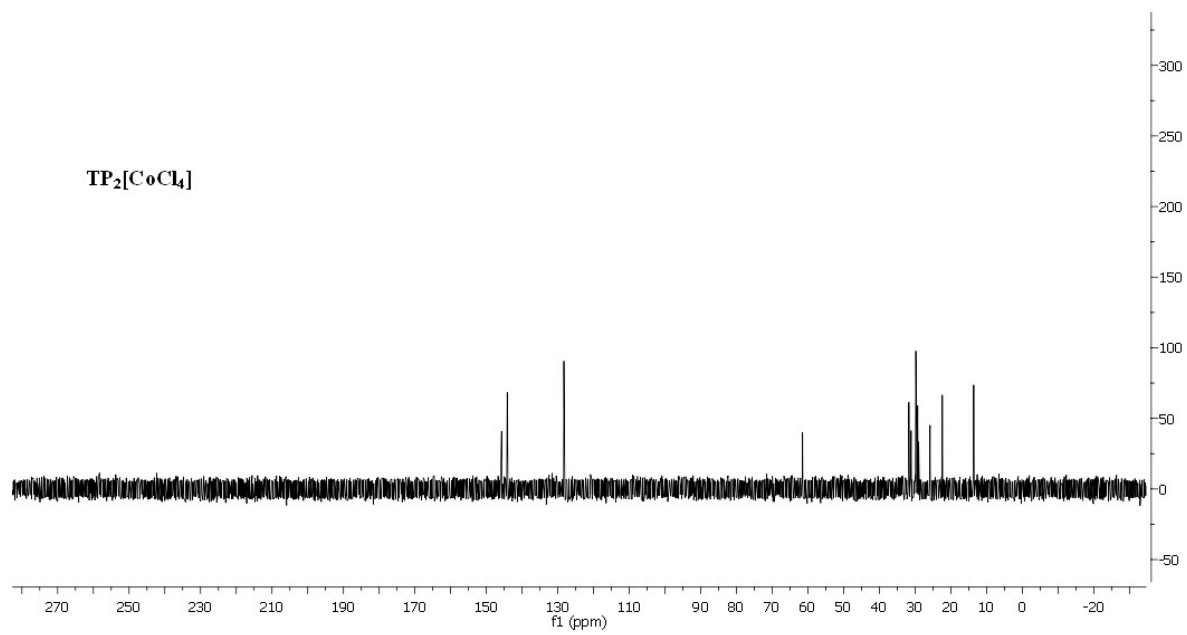


Fig. S2. <sup>1</sup>H NMR spectra of TPC and TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants.





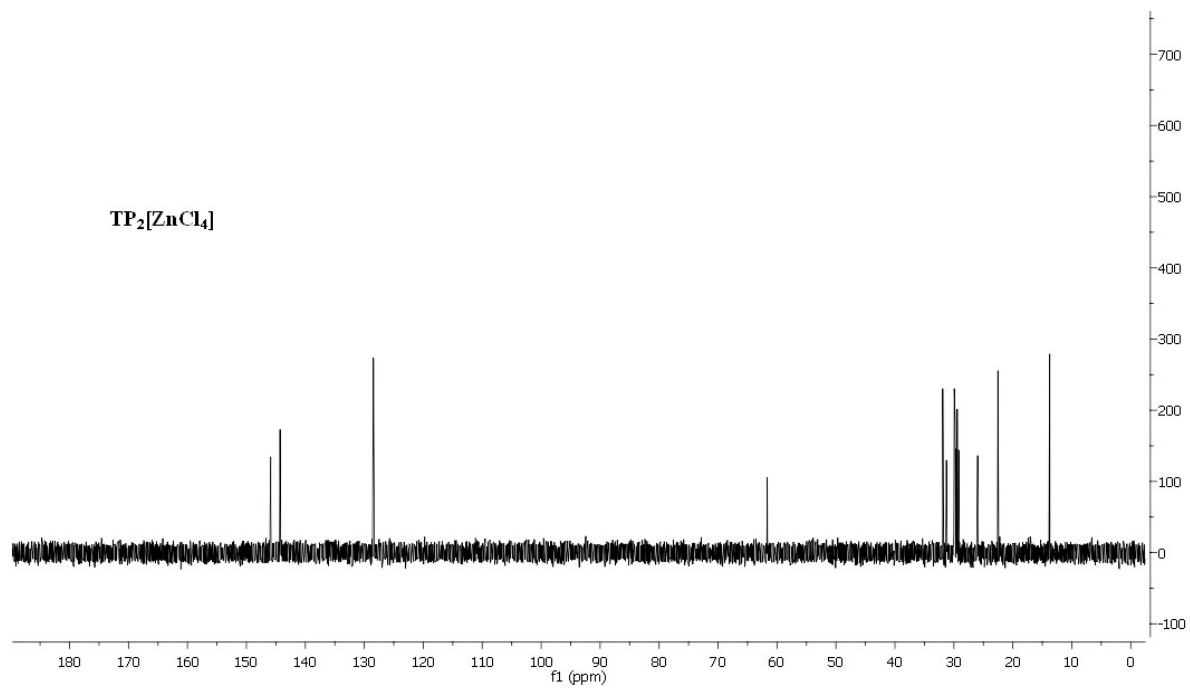
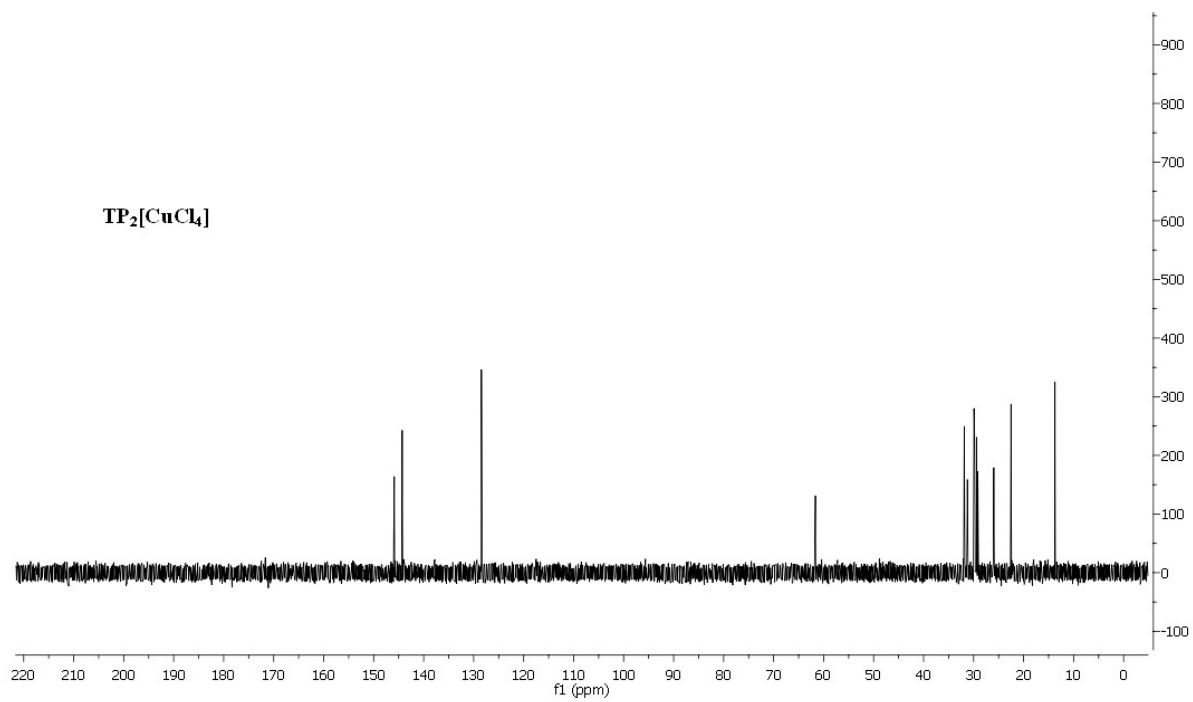


Fig. S3. <sup>13</sup>C NMR spectra of TPC and TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants.



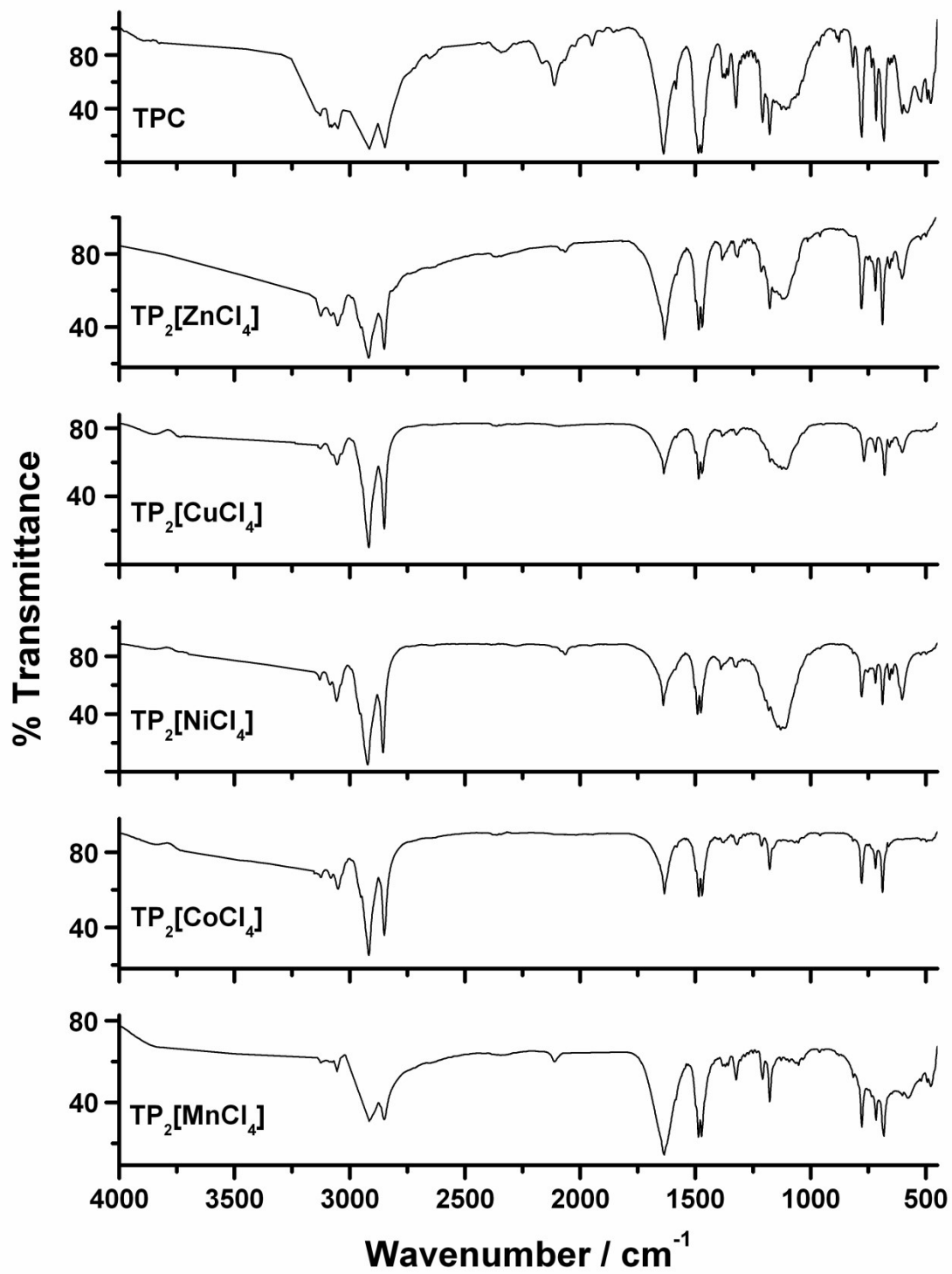


Fig. S4. FTIR spectra of TPC and TP<sub>2</sub>[MCl<sub>4</sub>] metallosurfactants.