



Journal Name

ARTICLE

Supplementary Information for:

**Synthesis and Characterization of Metal-Containing Poly(siloxane-urethane) Crosslinked Structures Derived from Siloxane Diols and Ferrocene Diisocyanate**

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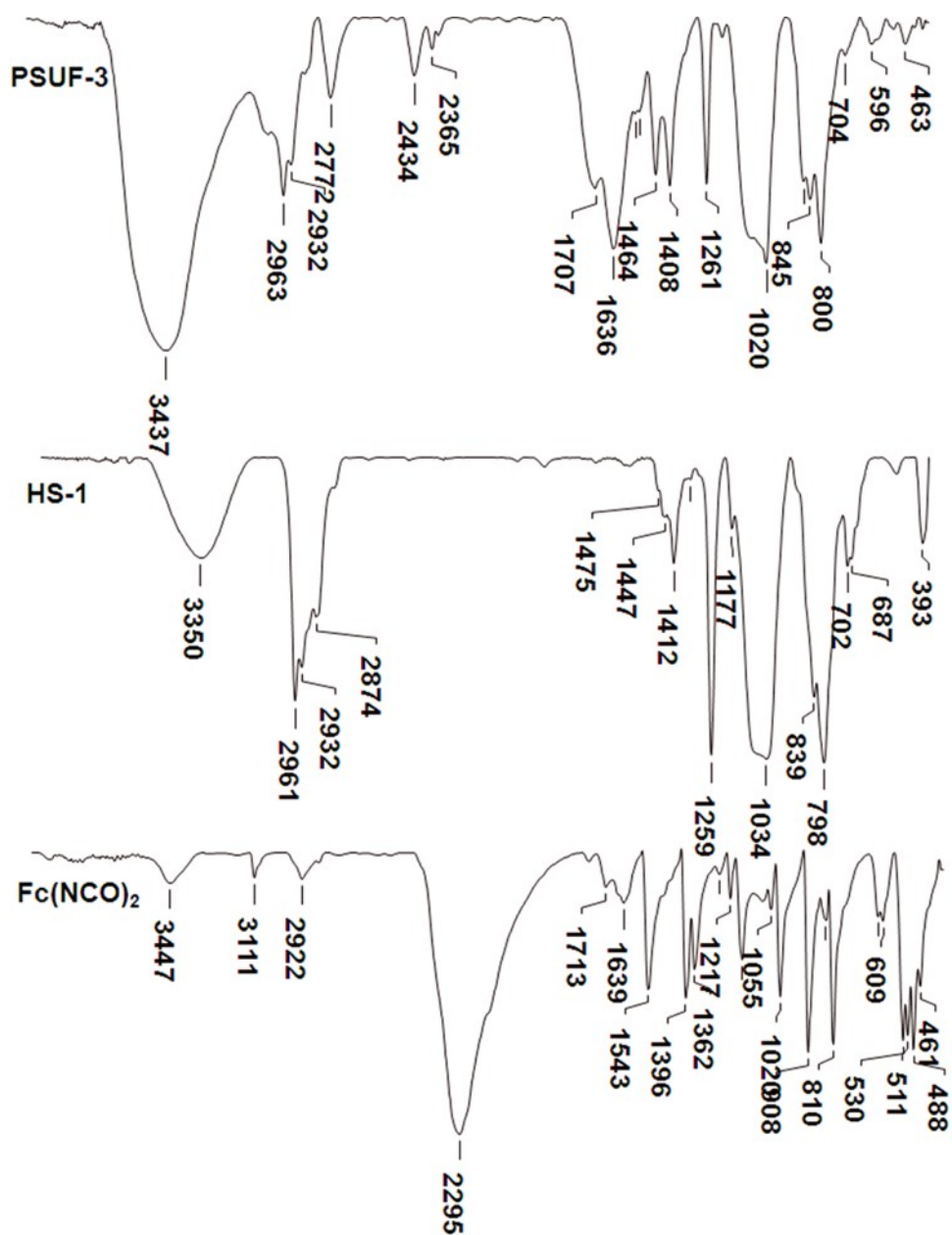


Figure 15. FTIR spectra for the reactants and PSUFs

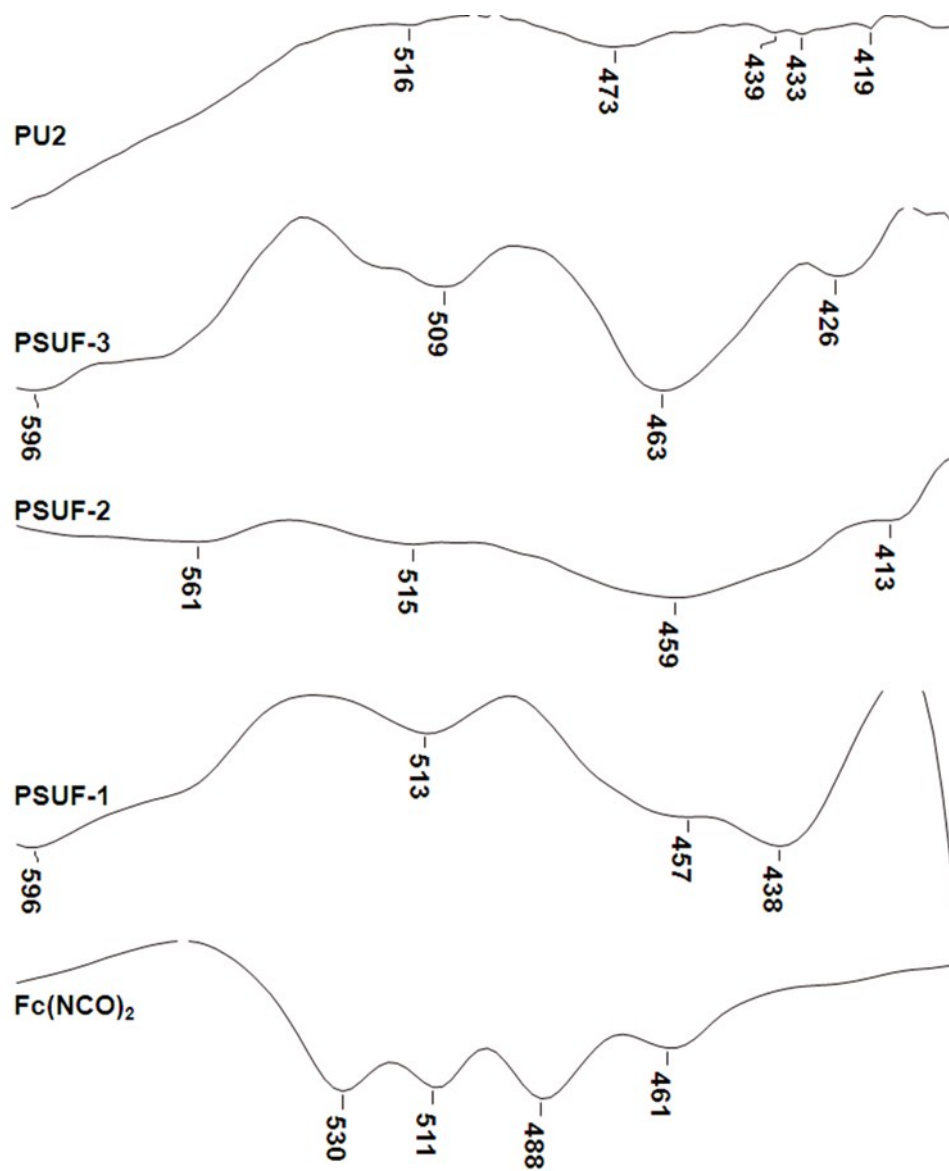


Figure 2S. FTIR spectra of Fc(NCO)<sub>2</sub>, the polymers based on it and PU2 ( in the 400-600 cm<sup>-1</sup> range)

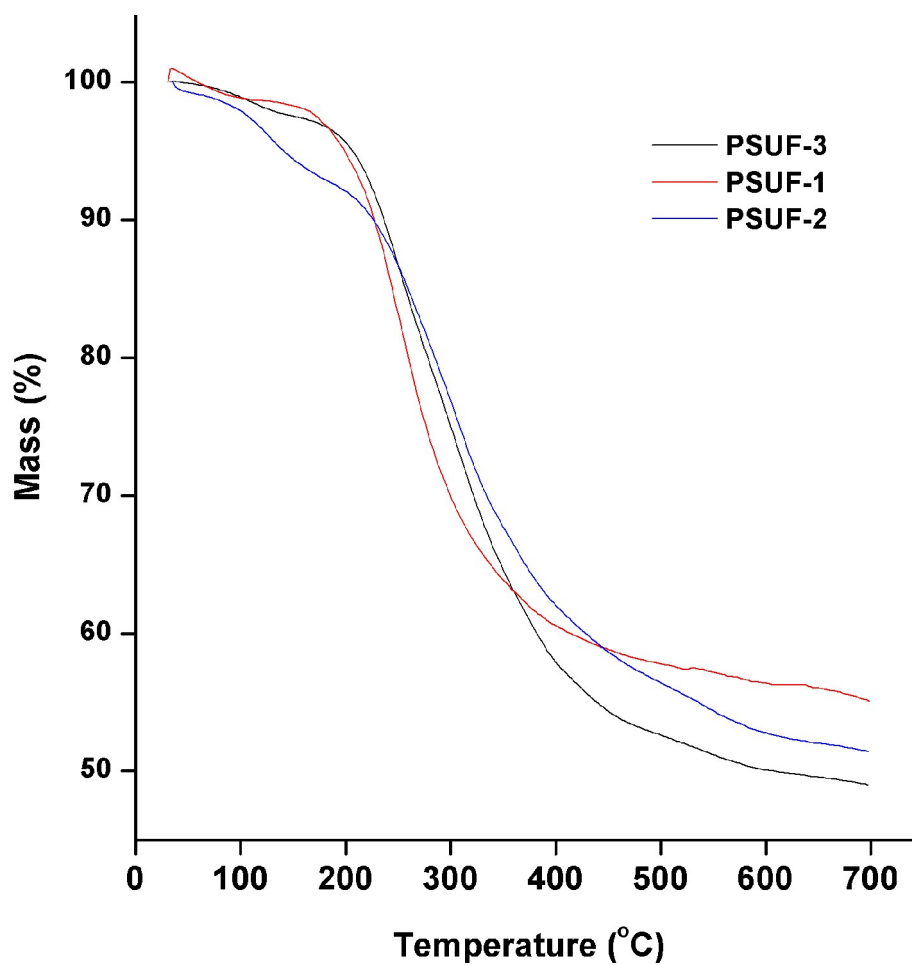


Figure 3S. The thermogravimetric analysis curves of PSUFs

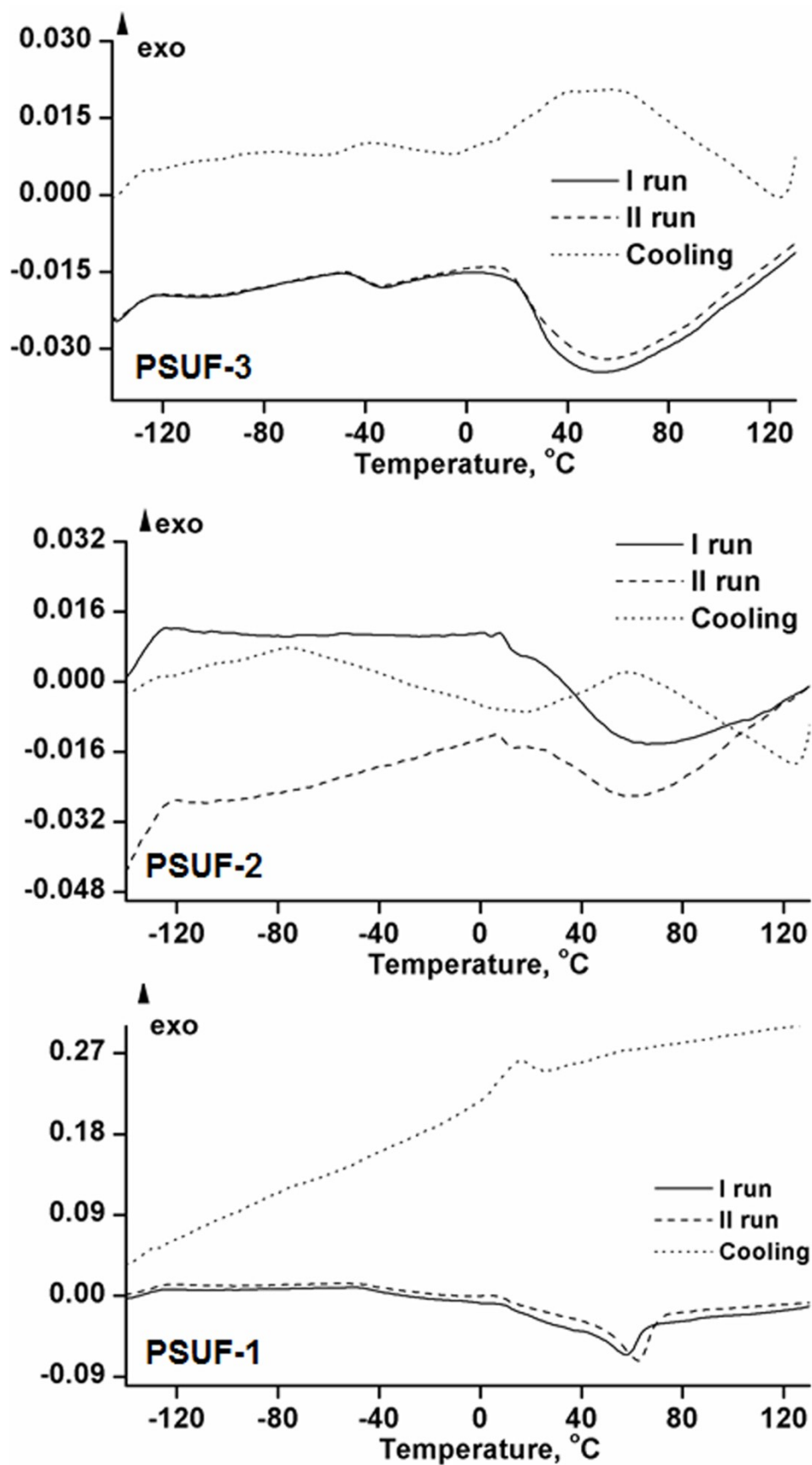
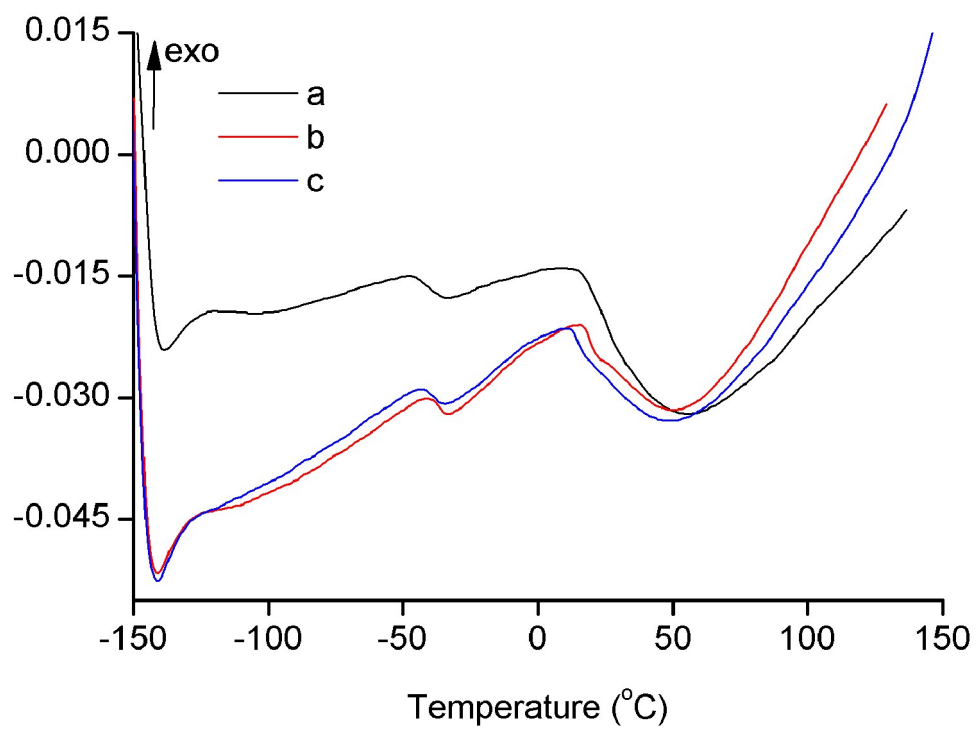


Figure 4S. The DSC curves of the PSUFs



**Figure S5.** DSC curves (second heating) of sample PSUF-3: a- after 2 weeks of preparation, b- after 2 years of storing in lab. conditions, c- after 2 years, with shock cooling

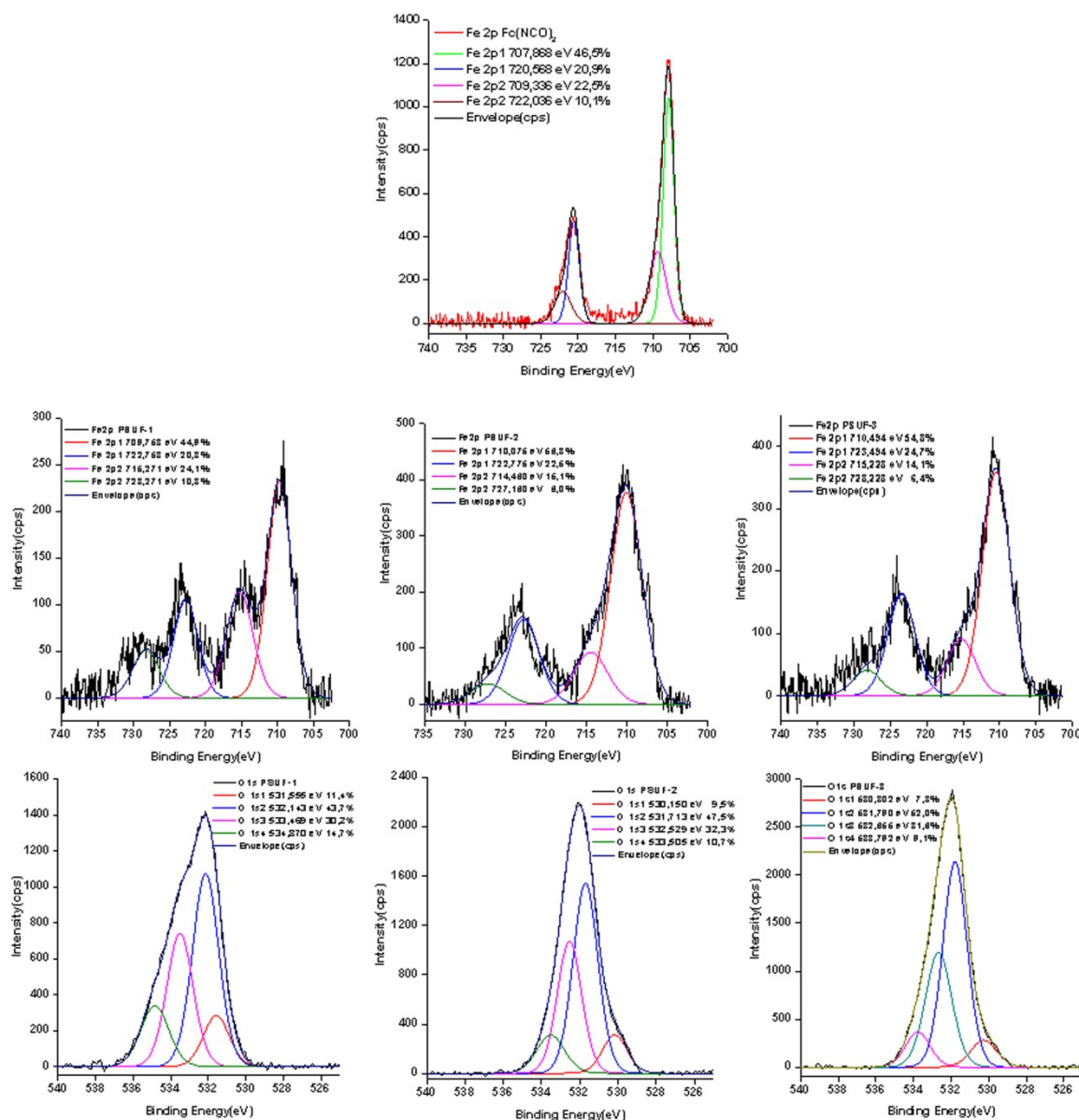
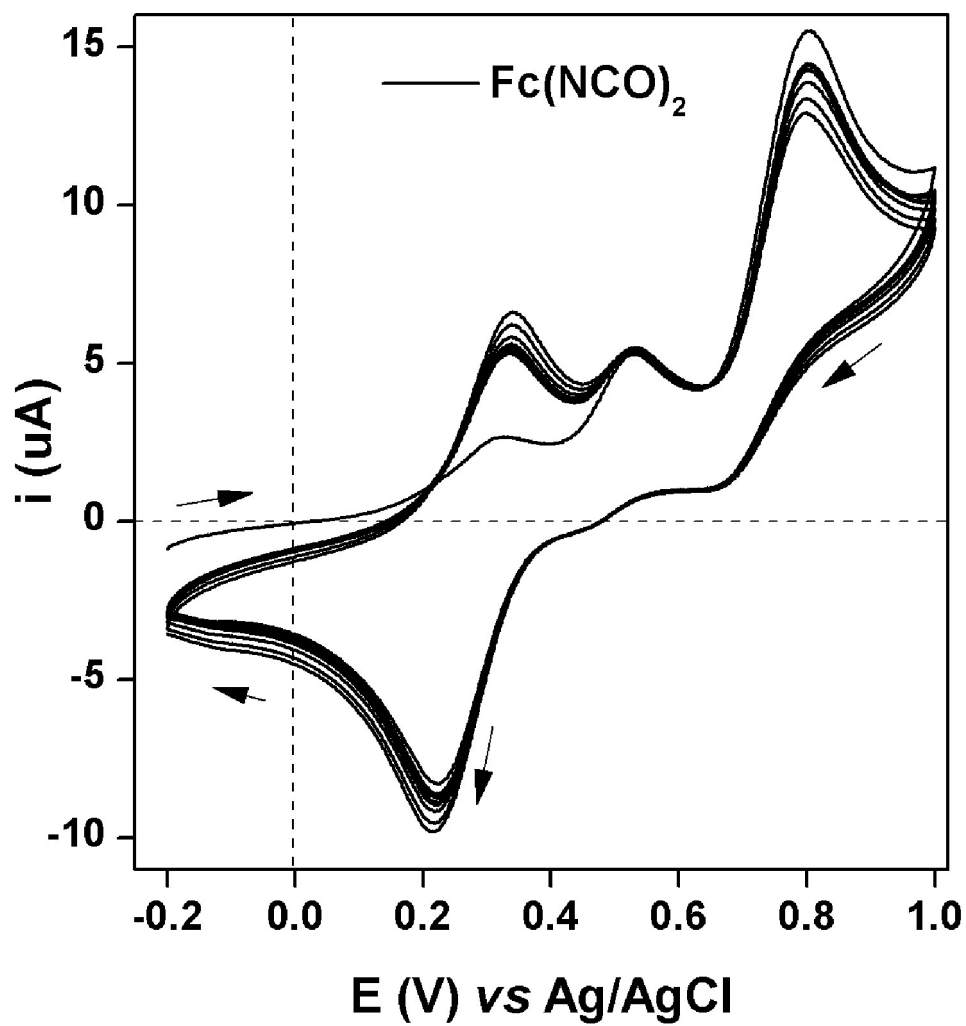


Figure 6S. Fe 2p high resolution spectra for Fc(NCO)<sub>2</sub> and PSUFs and O 1s spectrum of PSUFs



**Figure 7S.** Repetitive CVs recorded for  $\text{Fc}(\text{NCO})_2$ - chloroform solution containing  $\text{TBABF}_4$  as supporting electrolyte; scan rate = 50mV/s.