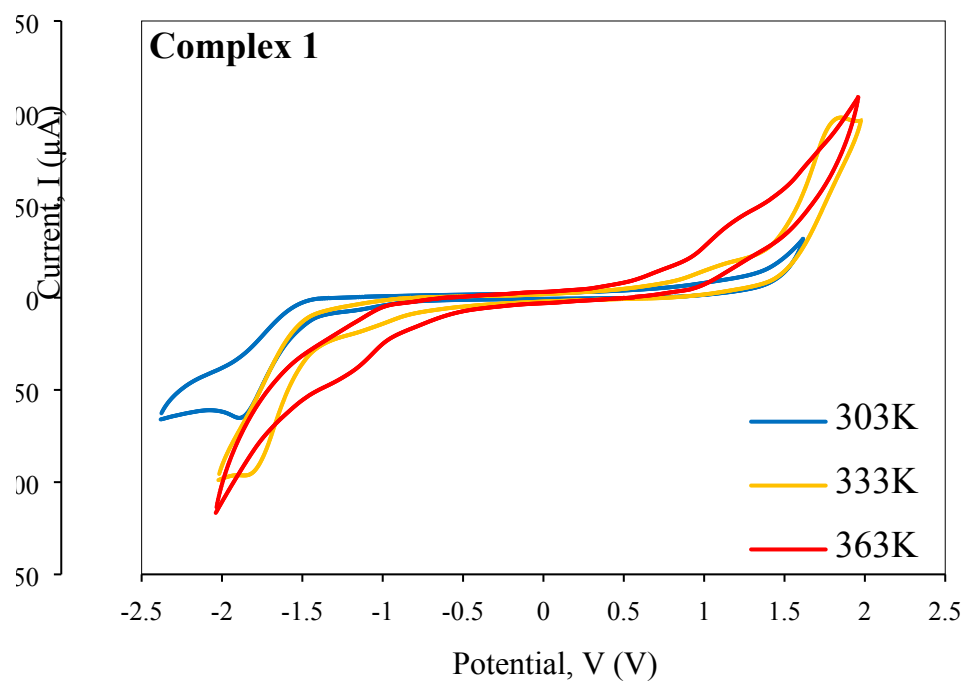
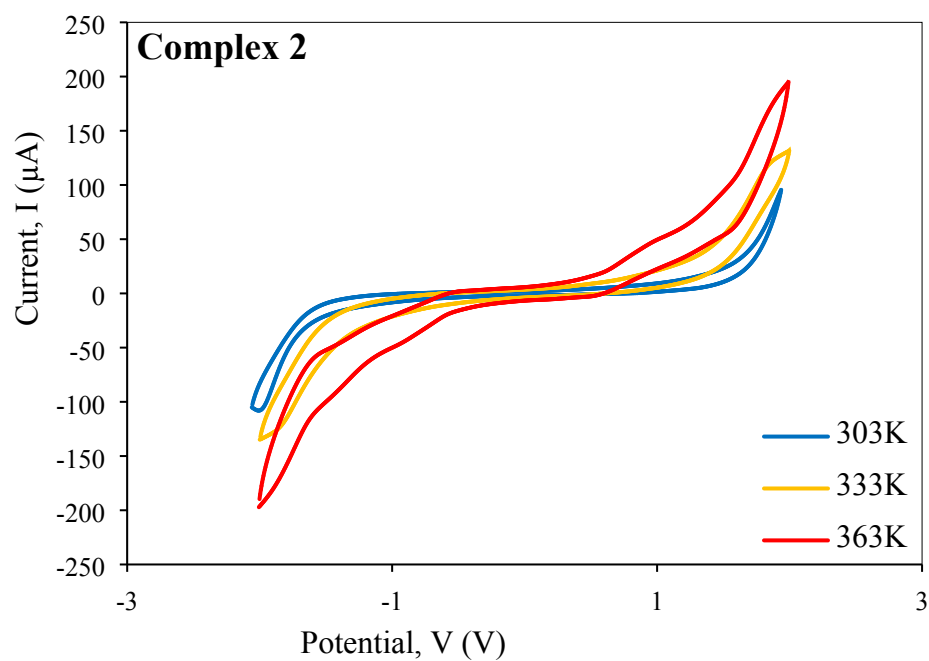


Supplementary 1

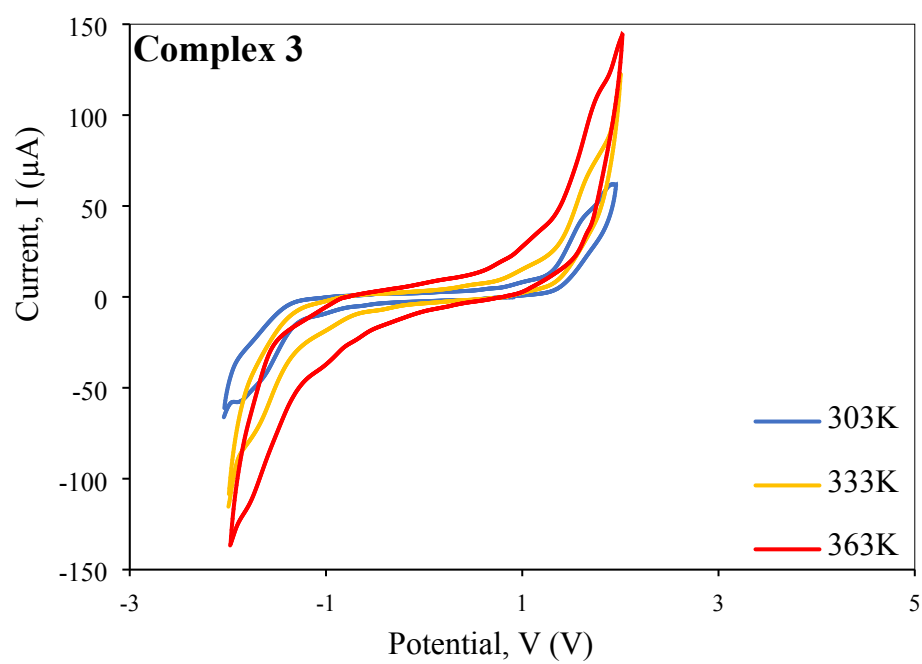
(a)



(b)



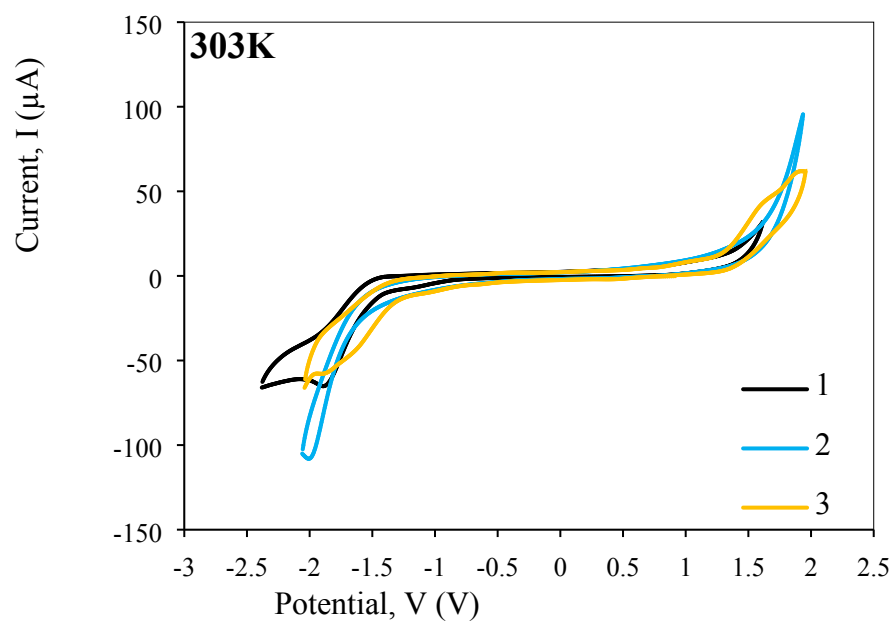
(c)



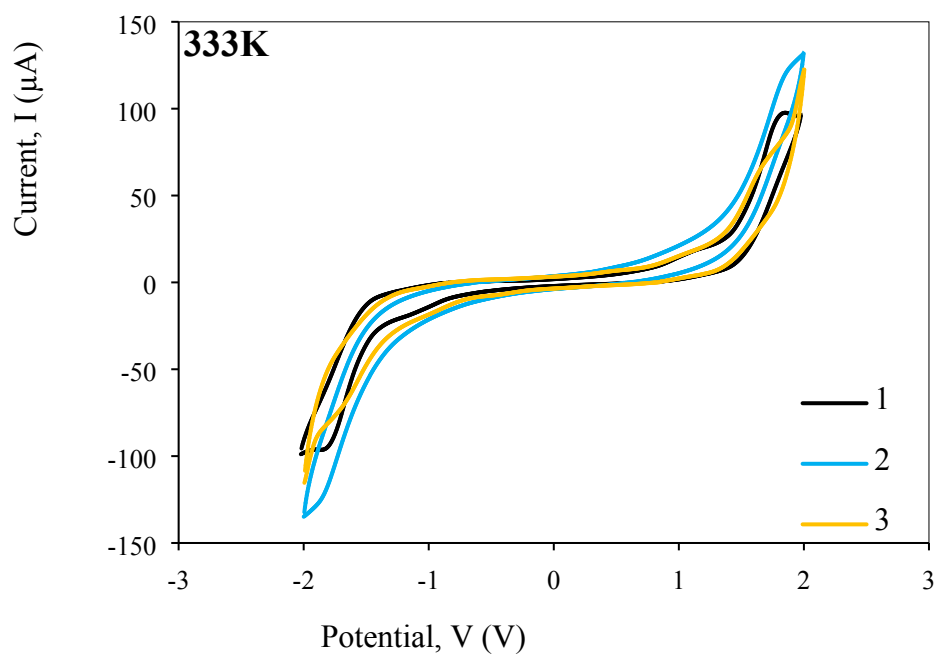
Supplementary 1: The Cyclic Voltammetry graph of (a) $[\text{Fe}(\text{L}^{12})_2](\text{BF}_4)_2(\mathbf{1})$, (b) $[\text{Fe}(\text{L}^{14})_2](\text{BF}_4)_2(\mathbf{2})$, and (c) $[\text{Fe}(\text{L}^{16})_2](\text{BF}_4)_2(\mathbf{3})$ in temperature dependence.

Supplementary 2

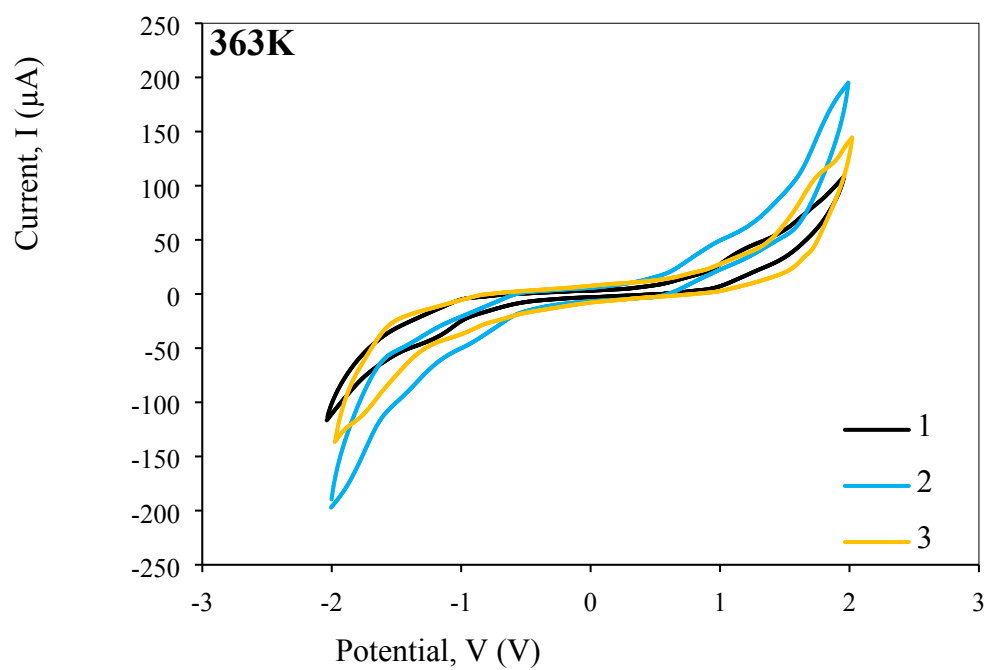
(a)



(b)



(c)



Supplementary 2: The Cyclic Voltammetry graph of $[\text{Fe}(L^{12})_2](\text{BF}_4)_2$ (**1**), $[\text{Fe}(L^{14})_2](\text{BF}_4)_2$ (**2**), and $[\text{Fe}(L^{16})_2](\text{BF}_4)_2$ (**3**) at (a) 303 K, (b) 333 K and (c) 363 K.