Supplementary Materials

Unique Self-Phosphorylating Polybenzimidazole of the 6F Family for HT-PEM Fuel Cell Application

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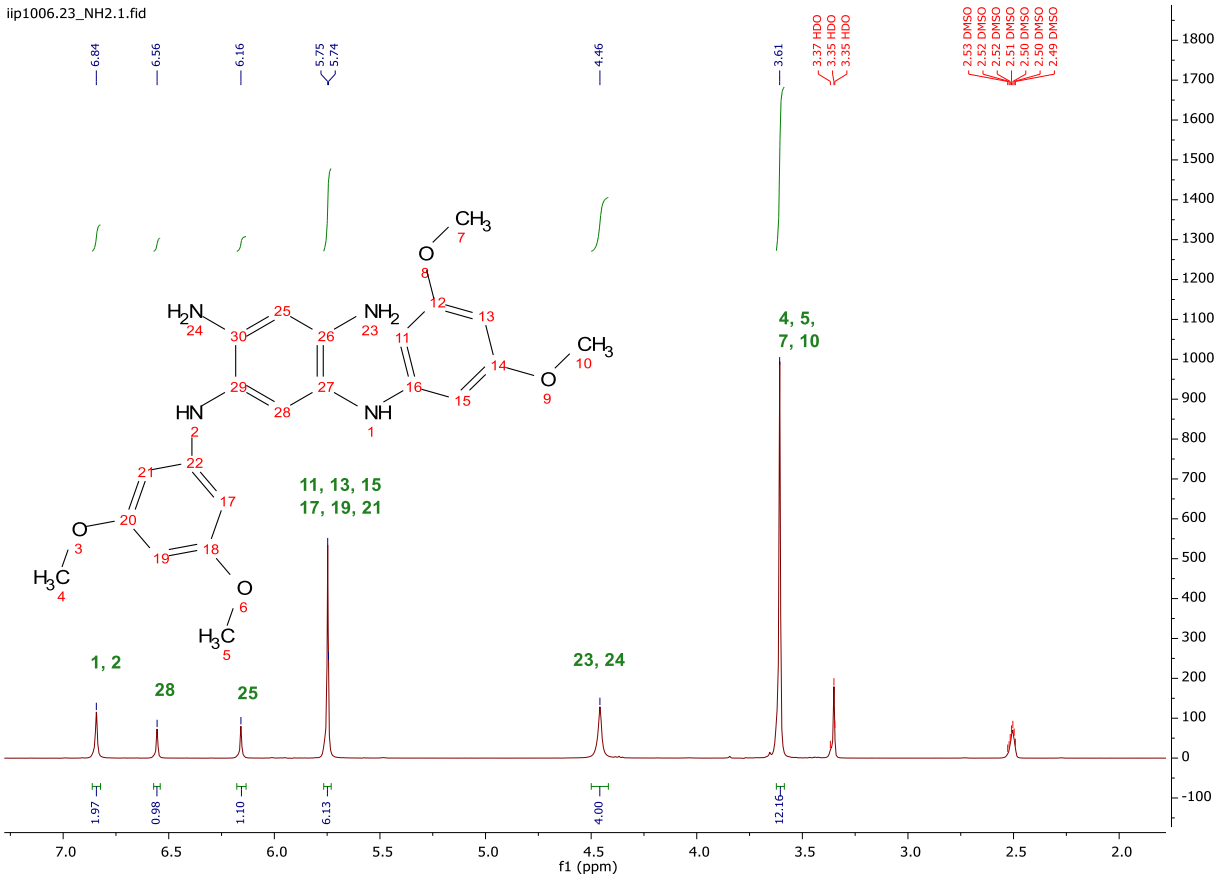

Figure S1. ^{1}H NMR spectrum of N^{1},N^{5}-bis(3,5-dimethoxyphenyl)-1,2,4,5-benzenetetramine (1)

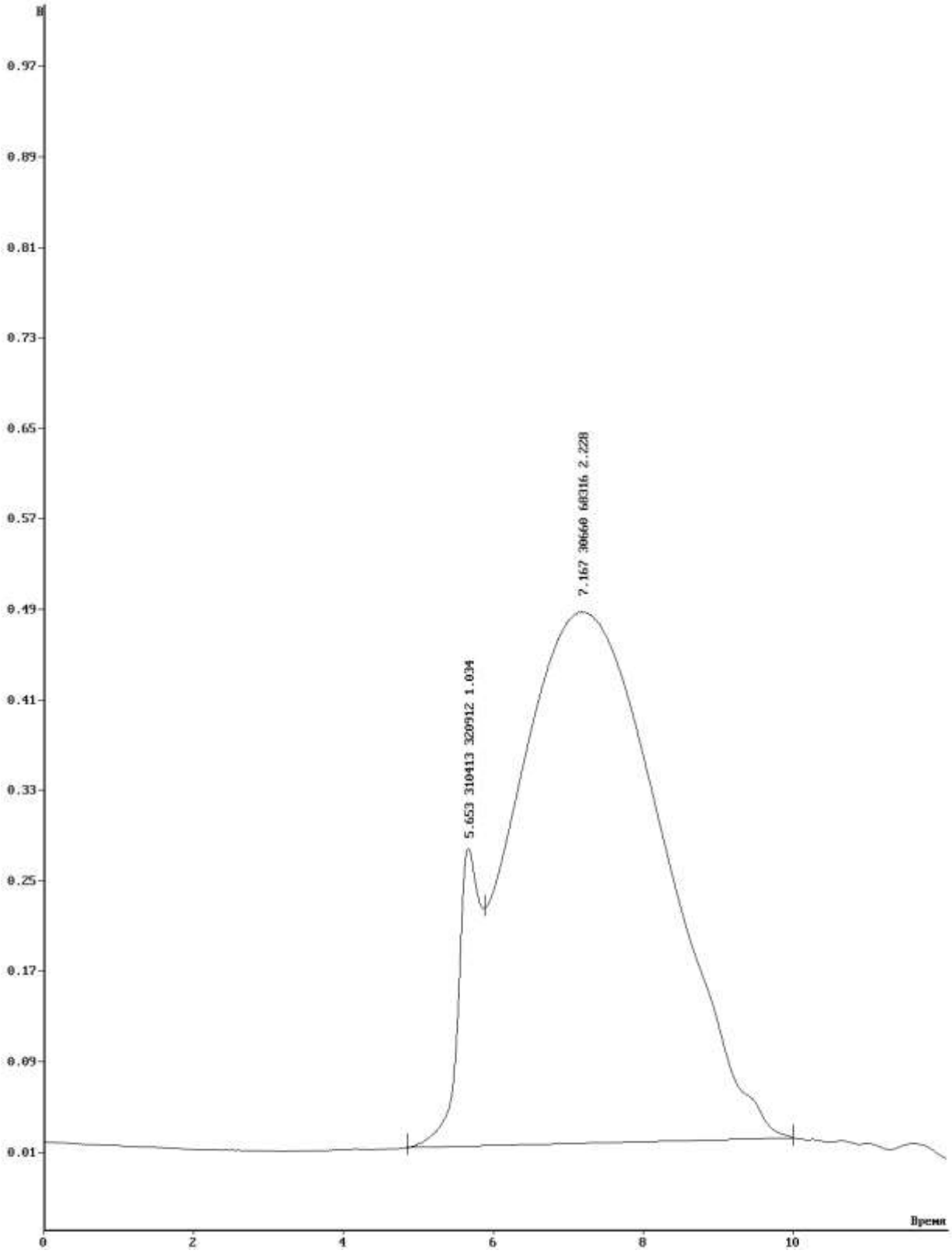

Figure S2. GPC curve for the PA-4MeO-6F polymer synthesized in DMA.

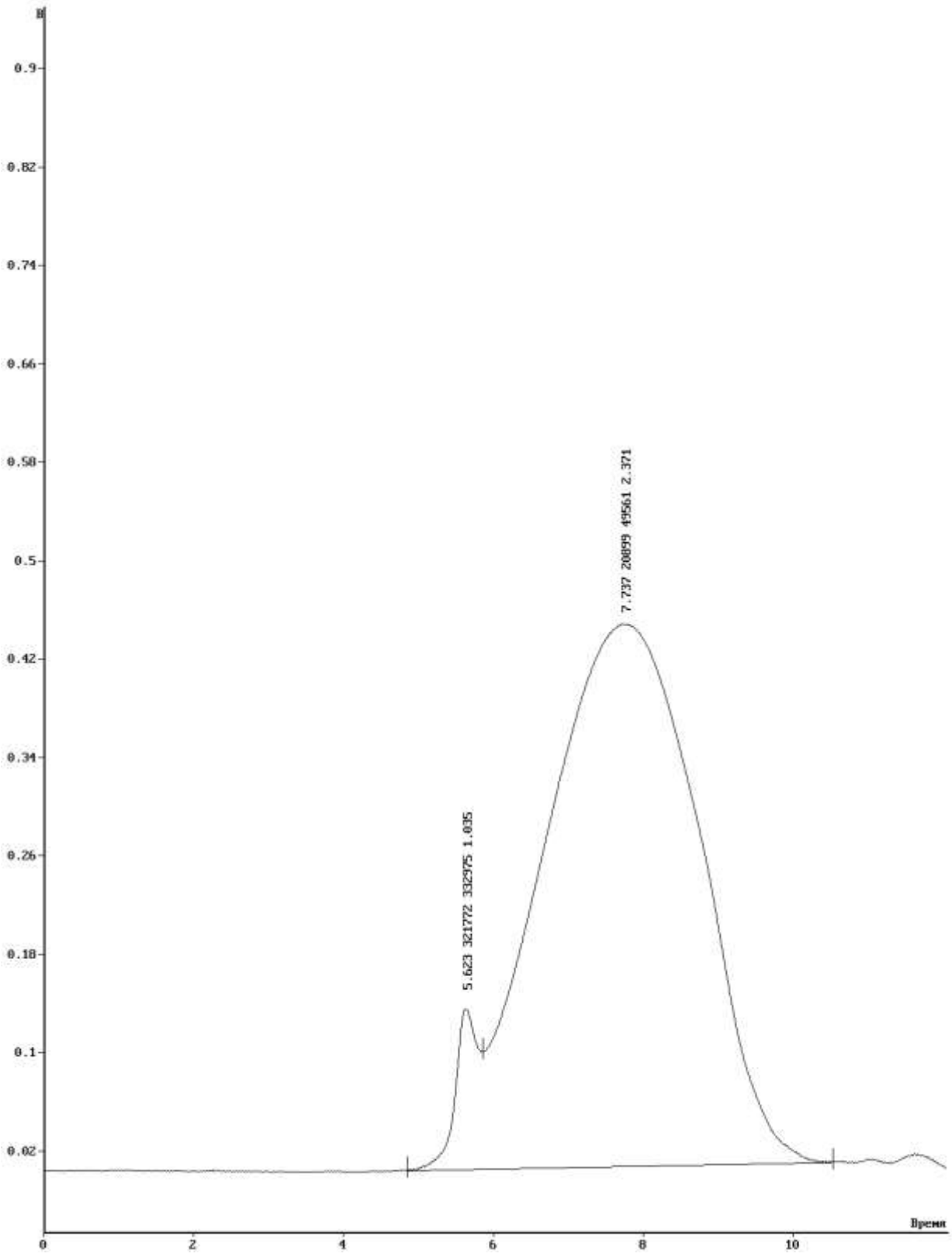

Figure S3. GPC curve for the PA-4MeO-6F polymer synthesized in DMA/Et_3N.

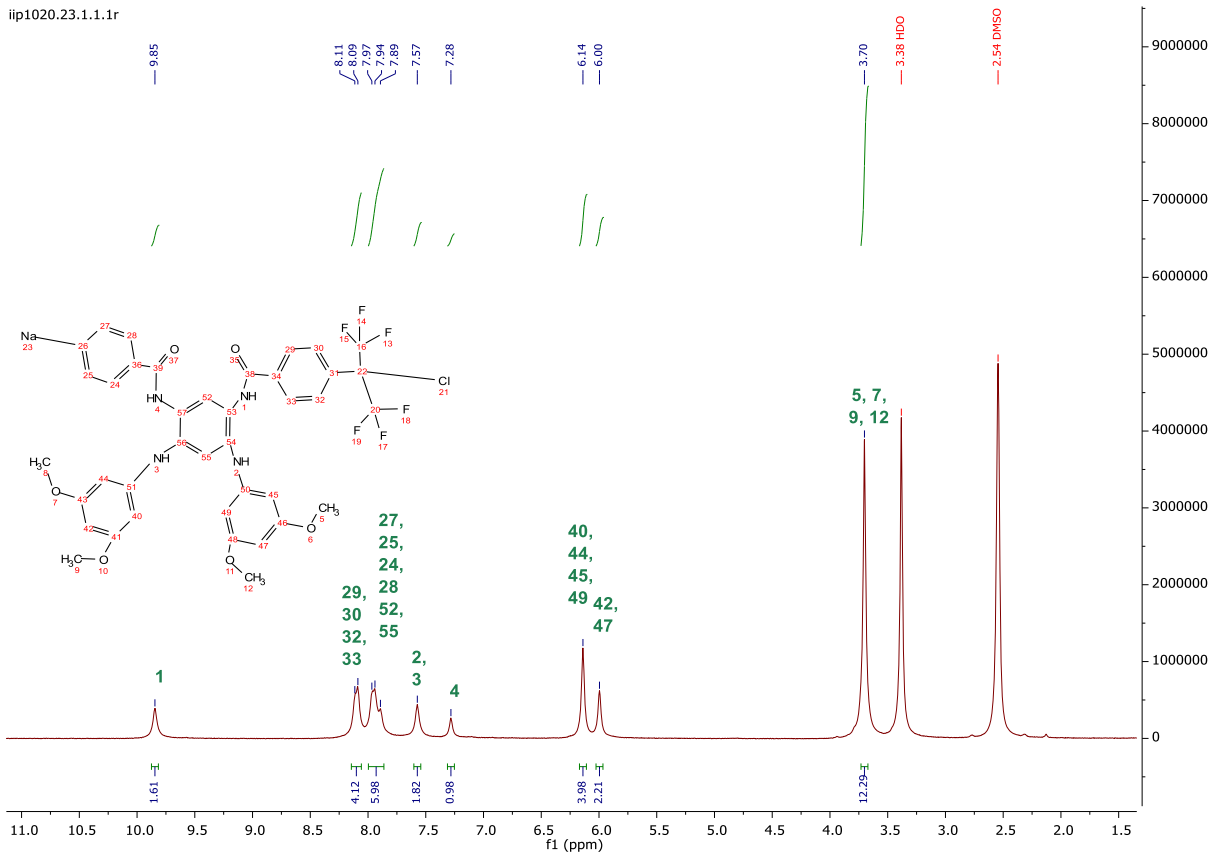

Figure S4. ^{1}H NMR spectrum of PA-4MeO-6F.

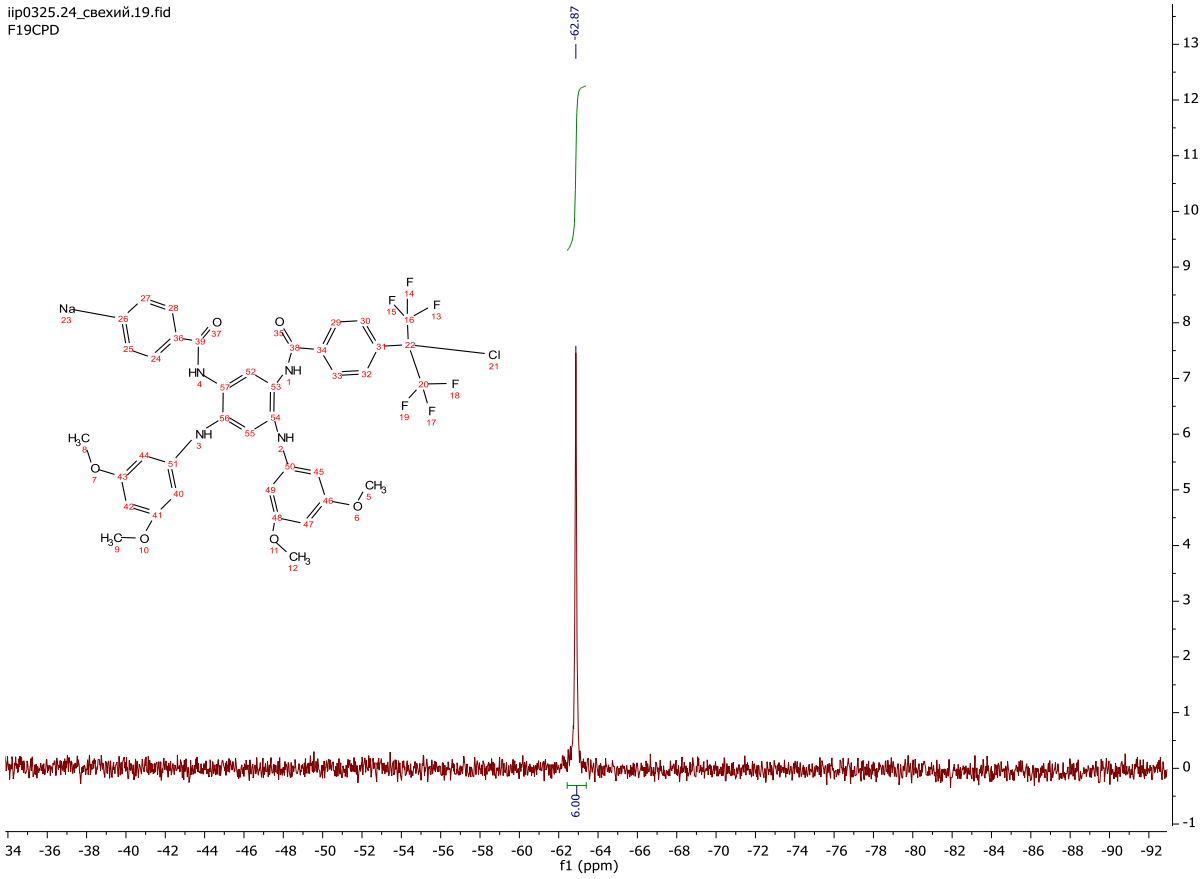

Figure S5. ^{19}F NMR spectrum of PA-4MeO-6F.

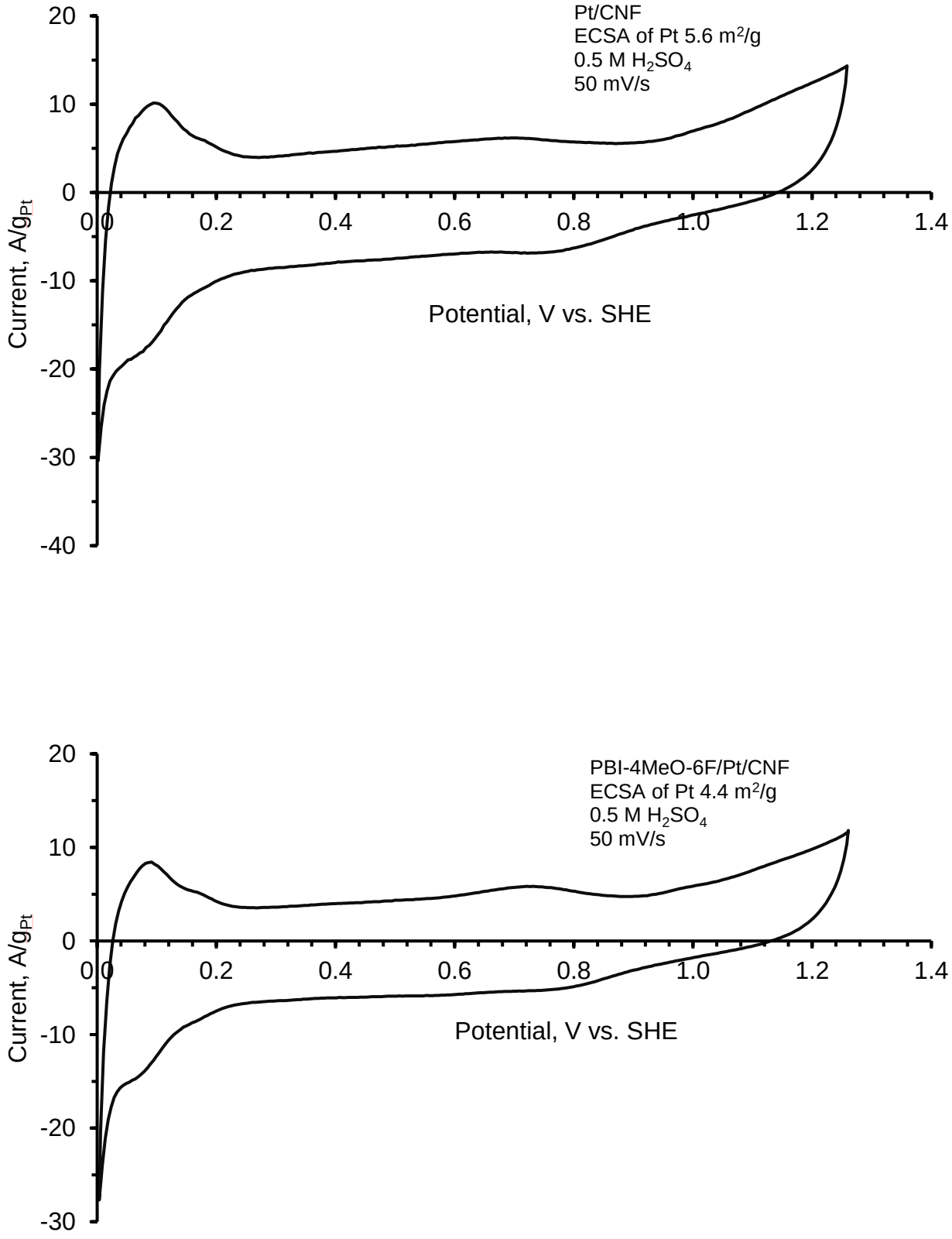

Figure S6. CV curves for Pt/CNF (top) and PBI-4MeO-6F/Pt/CNF (bottom).