Supporting Information

$Ni_{(1-x)}Pd_x$ Alloyed Nanostructures for Electrocatalytic Conversion of Furfural into Fuels

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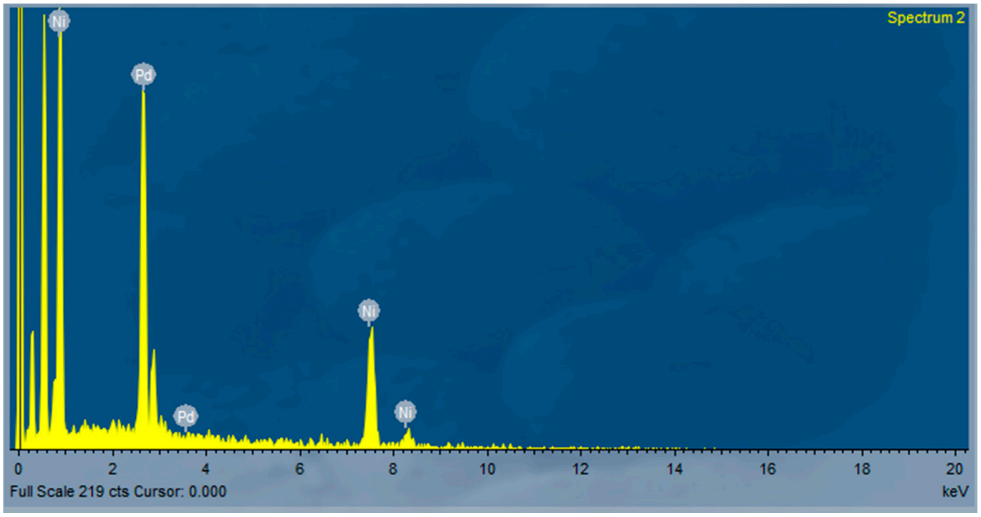


Figure S1: EDS spectra for synthesized sample of $Ni_{0.75}Pd_{0.25}$

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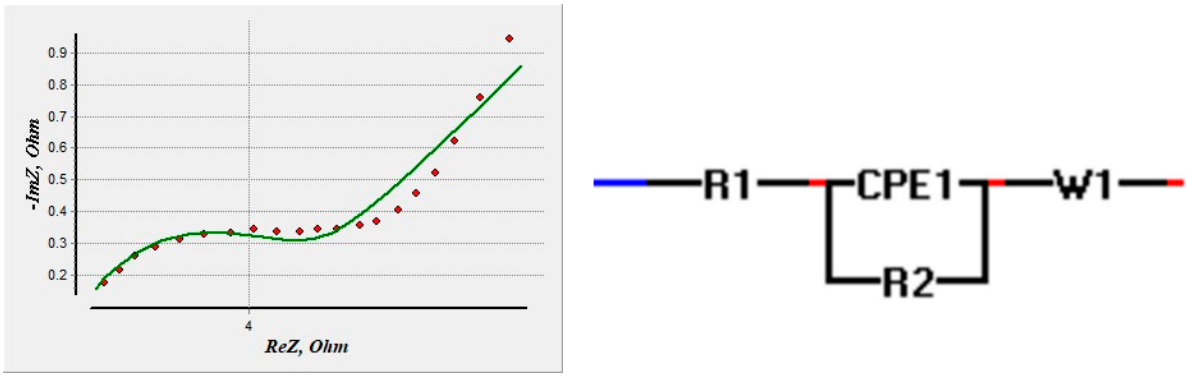


Figure S2: (a) EIS fitted curve for $Ni_{0.85}Pd_{0.15}$ electrodes in acidic electrolyte with furfural (b) electrical equivalent circuit used to fit $Ni_{0.85}Pd_{0.15}$ electrode EIS curve

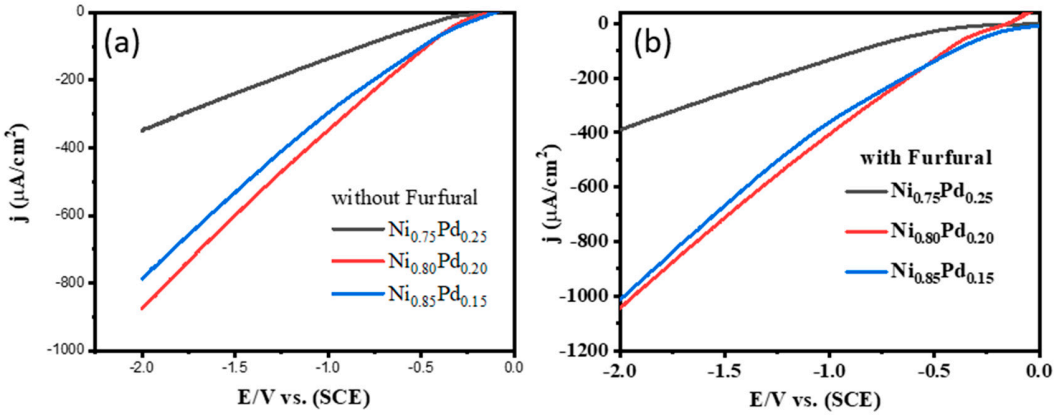


Figure S3: Linear sweep voltammetry for NiPd electrodes at 5 mVs^{-1} without furfural (a) and with furfural (b)

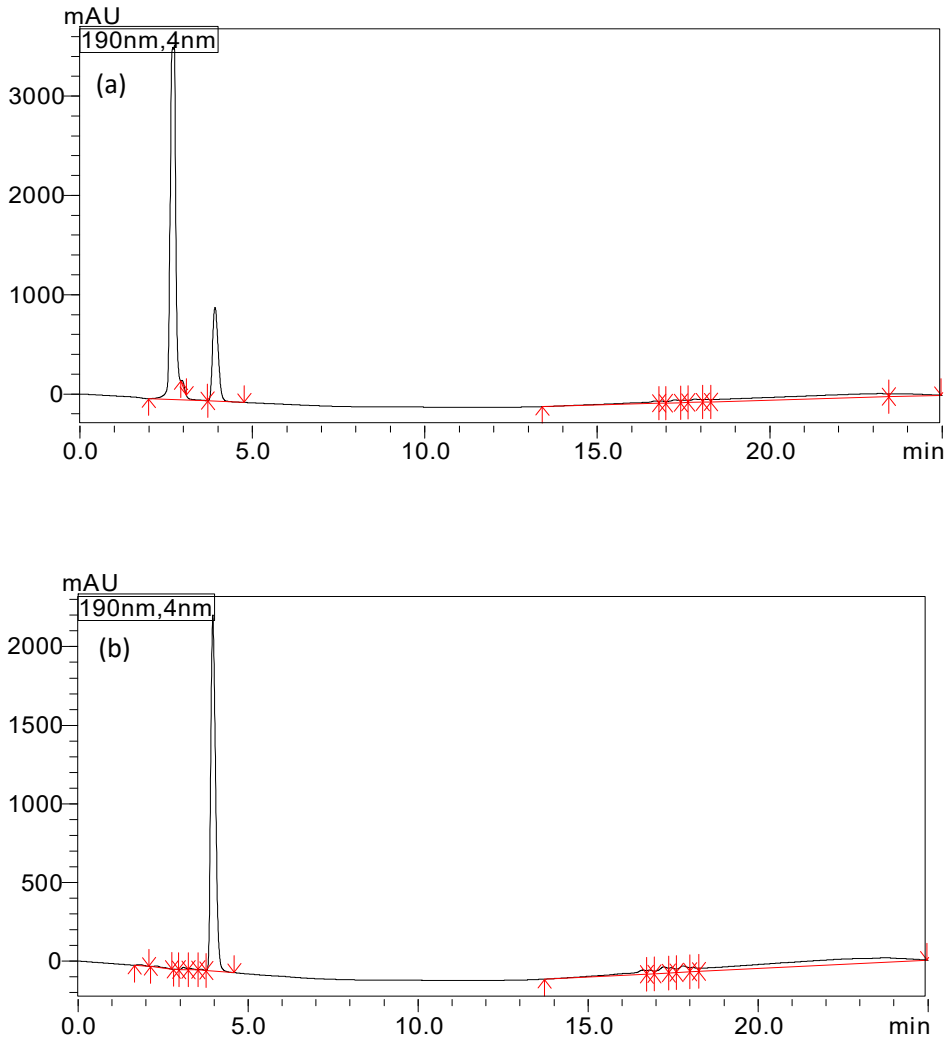


Figure S4. (a) HPLC spectra for $Ni_{0.85}Pd_{0.15}$ collected after 0.5 hours of reaction. (b) HPLC spectra for $Ni_{0.85}Pd_{0.15}$ collected after 0.5 hours of reaction