An organic coprecipitation route to synthesize high voltage $LiNi_{0.5}Mn_{1.5}O_4$

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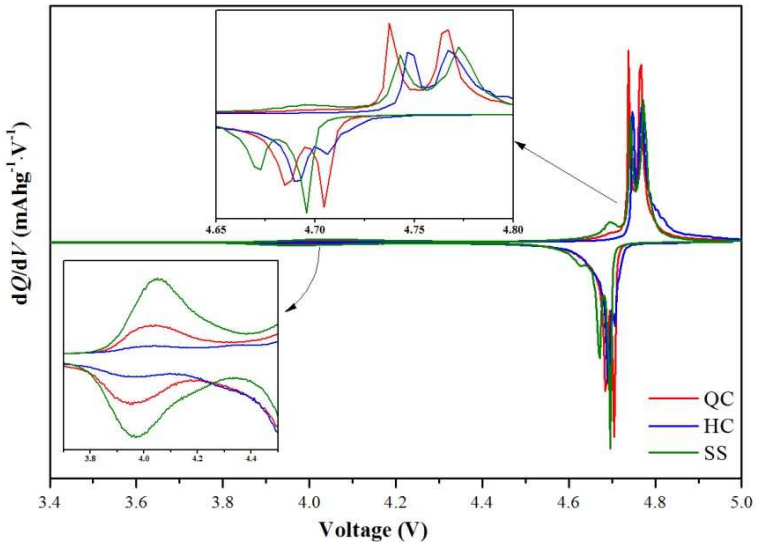

Figure S1 Differential capacity *vs.* voltage curves of samples QC, HC, SS

Table S1 Polarization potential differences of redox reaction at around 4.7 V

Sample	Higher plateau			Lower plateau		
	Oxidation Potential / V	Reduction Potential / V	Difference / mV	Oxidation Potential / V	Reduction Potential / V	Difference / mV
SS	4.743	4.673	70.45	4.772	4.696	76.67
HC	4.746	4.690	56.78	4.767	4.706	61.16
QC	4.737	4.685	52.77	4.767	4.705	62.63