

Supporting Information

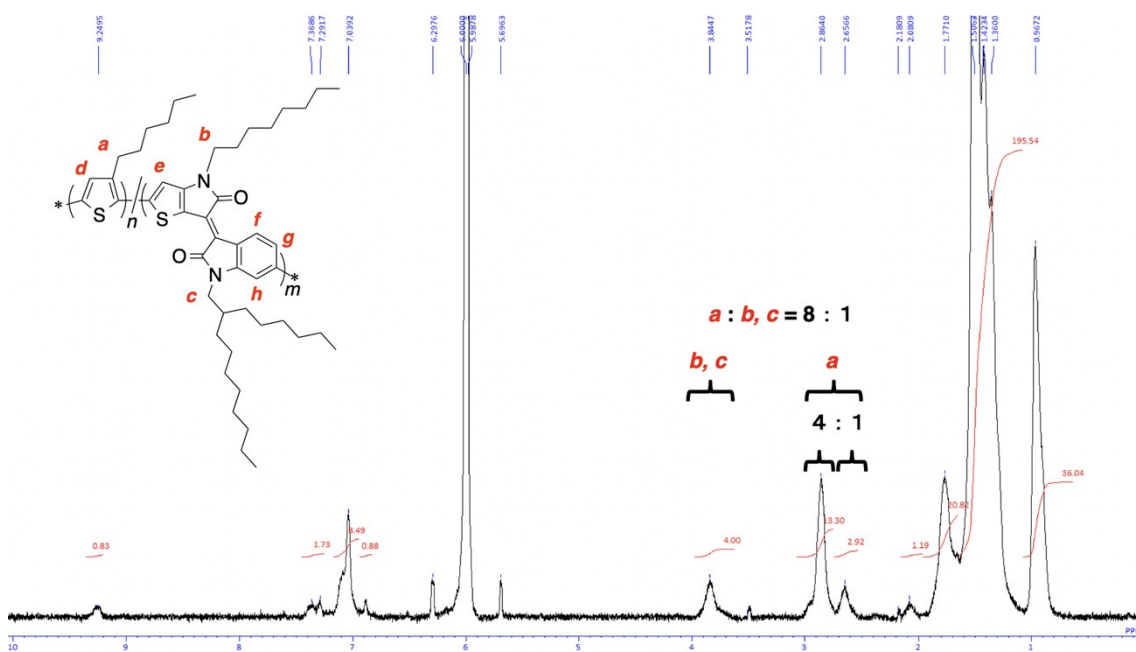


Fig. S1 ¹H NMR spectrum of P(3HT-ran-uTIIa).

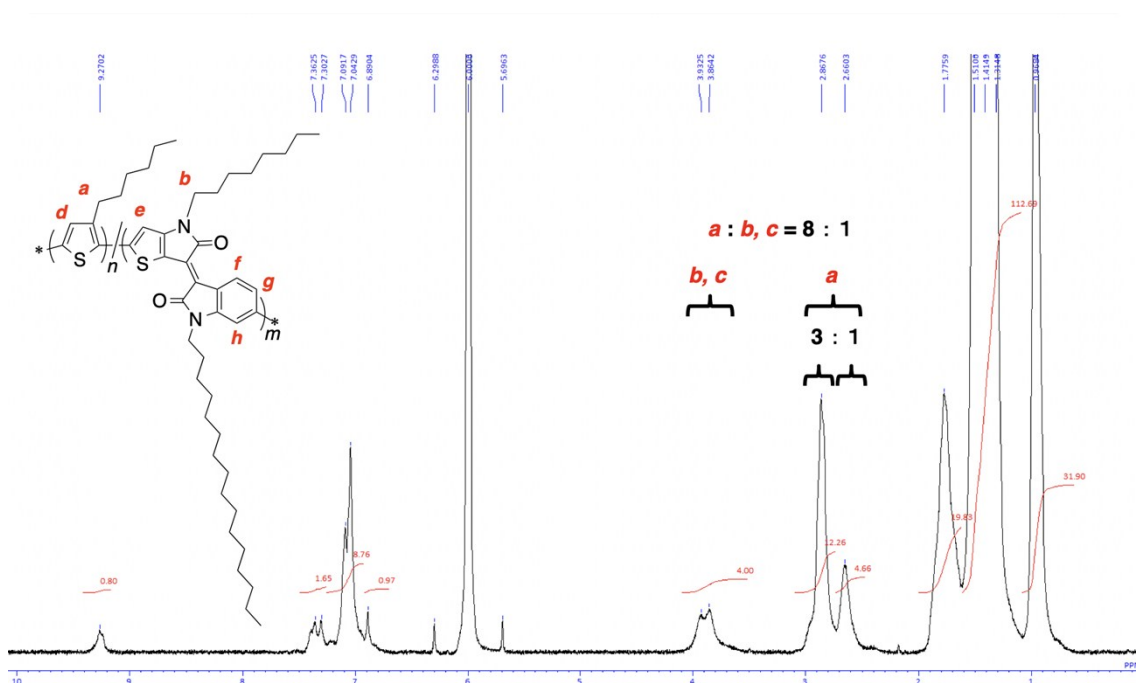


Fig. S2 ¹H NMR spectrum of P(3HT-ran-uTIIb).

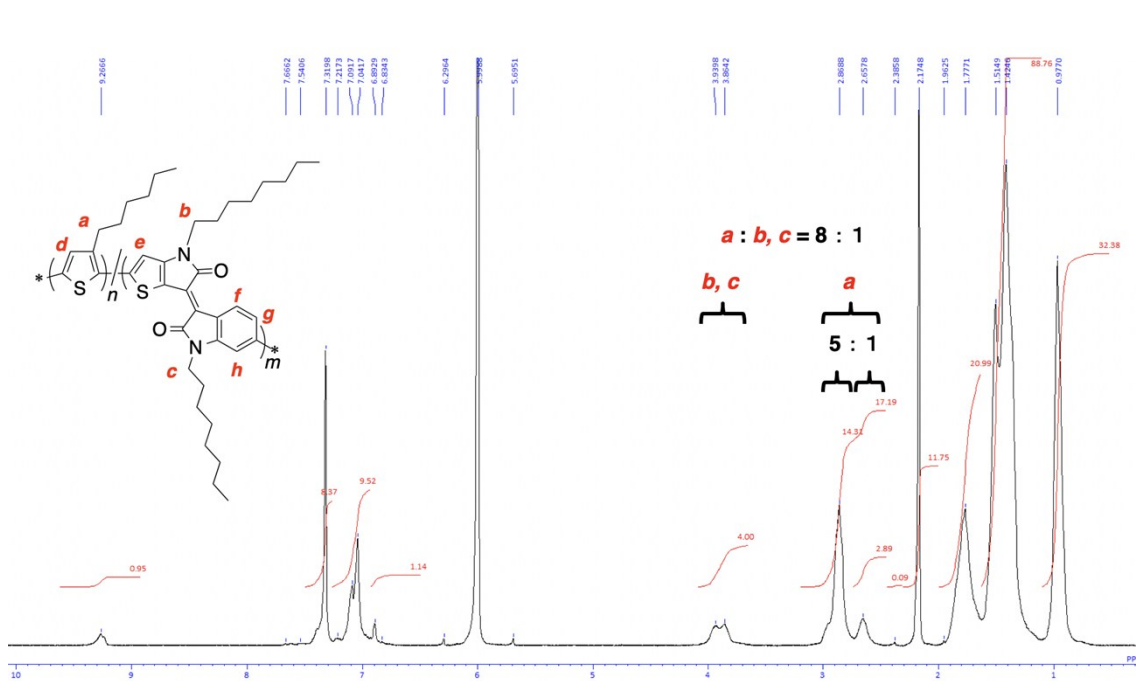


Fig. S3 ¹H NMR spectrum of P(3HT-ran-uTIIc).

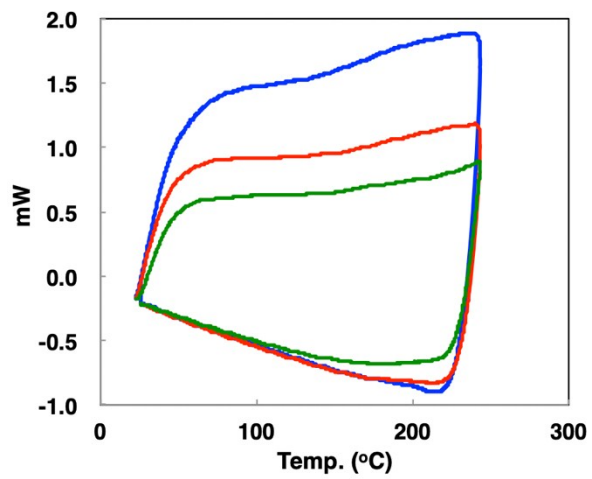


Fig. S4 DSC traces of the polymers.

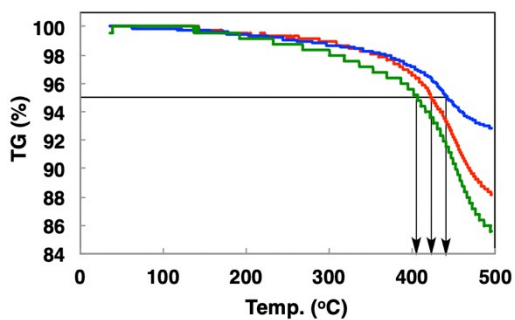


Fig. S5. TGA data of the polymers.

Table S1. Electrochemical properties of the polymers

Polymer	Anodic peaks (V)	Cathodic peaks (V)
P3HT	0.31, 0.73	–
P(3HT-<i>ran</i>-uTIIa)	0.42, 0.69	–1.07
P(3HT-<i>ran</i>-uTIIb)	0.39, 0.72	–4.03
P(3HT-<i>ran</i>-uTIIc)	0.48, 0.60	–1.30

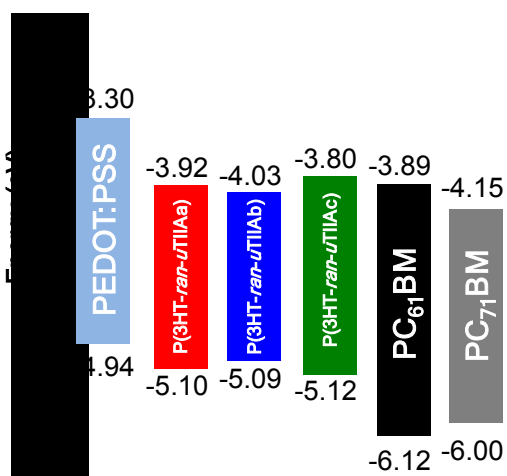


Fig. S6 Energy levels of the polymers.

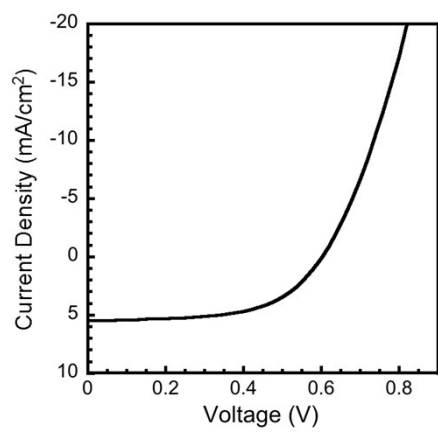


Fig. S7 IV curve of the devices.