Theoretical and Experimental Investigations on the Photoconductivity and Nonlinear Optical properties of Donor-Acceptor π Conjugated Copolymer, Poly(2,5-(3,4-ethylenedioxythiophene)-alt-2,7-(9,9-dioctylfluorene))

Sona Narayanan¹, Anshad Abbas², Sreejesh Poikavila Raghunathan¹, Krishnapillai Sreekumar³, Cheranellore Sudha Kartha², Rani Joseph^{1*}

¹Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology, Cochin-682022, Kerala, India

²Department of Physics, Cochin University of Science and Technology, Cochin-682022, Kerala, India ³Department of Chemistry, Cochin University of Science and Technology, Cochin-682022, Kerala, India

Correspondance to: Rani Joseph (E-mail:ranigeorge2011@gmail.com, sonachalil@gmail.com)

SUPPORTING INFORMATION

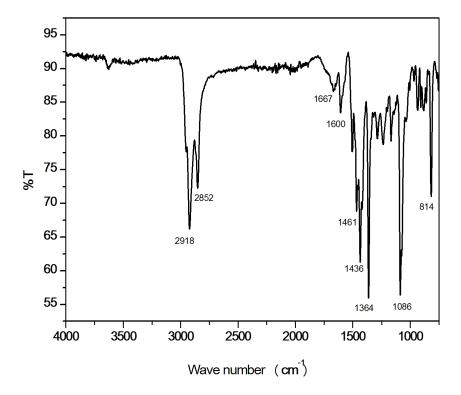


Fig. S1 FT-IR spectra of P(EDOT-FL)

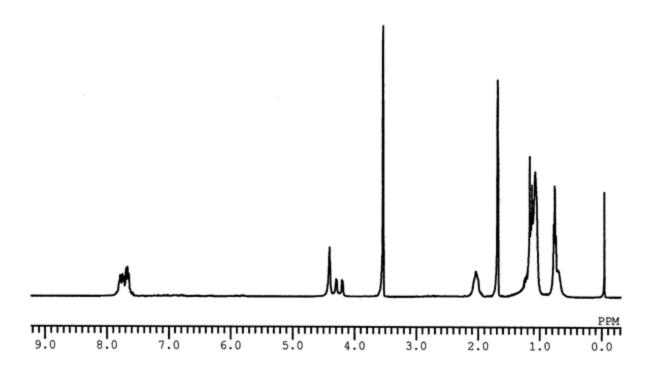


Fig. S2 ¹H NMR spectra of P(EDOT-FL)