

Supplementary Information for article:

Carbazole and Thienyl Benzo[1,2,5]Thiadiazole Based Polymers with Improved Open Circuit Voltages and Processability for Application in Solar Cells

Hunan Yi,^a Solyman Al-Faifi,^a Ahmed Iraqi,^{*a} Darren C. Watters,^b James Kingsley^b and David G. Lidzey^{*b}

^a Department of Chemistry, University of Sheffield, Sheffield S3 7HF, United Kingdom,

^b Department of Physics and Astronomy, University of Sheffield, Sheffield S3 7RH, United Kingdom.

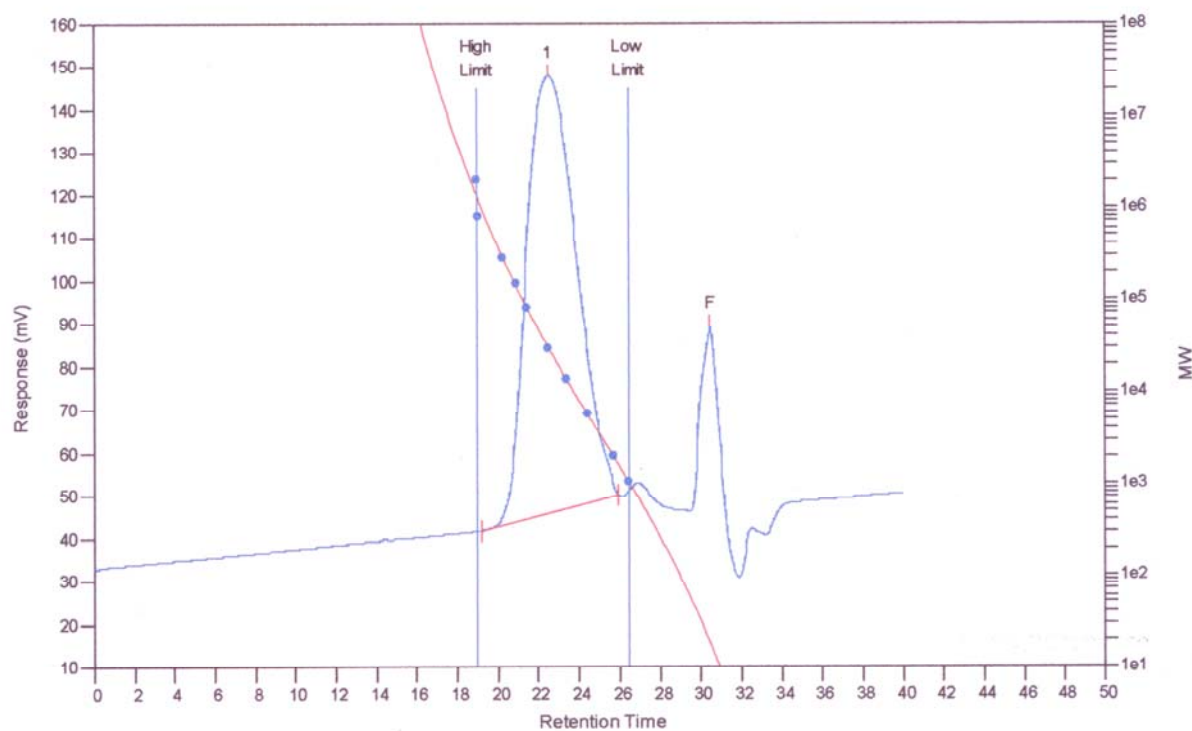


Figure S1 GPC trace of **P1** in THF at room temperature. $M_w = 34,800$, $M_n = 14,700$, $M_w/M_n = 2,37$.

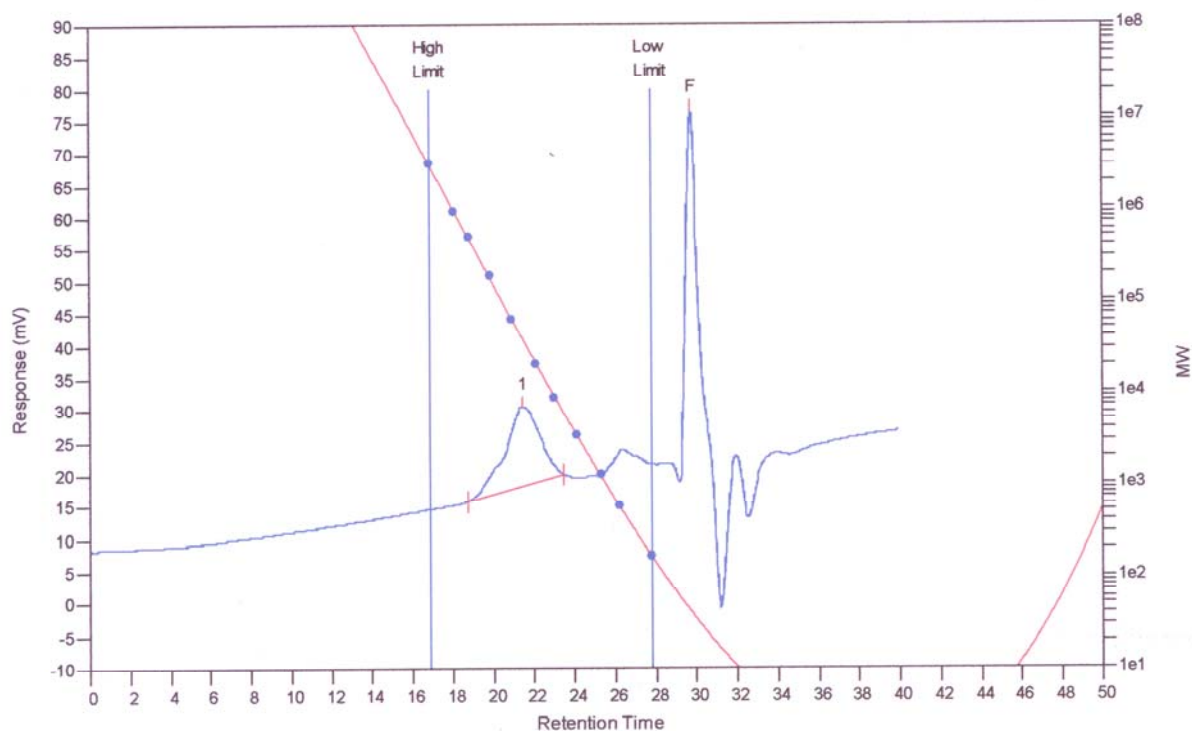


Figure S2 GPC trace of **P2** in 1,2,4-trichlorobenzene at 100 °C. $M_w = 57,200$, $M_n = 31,100$, $M_w/M_n = 1.84$.

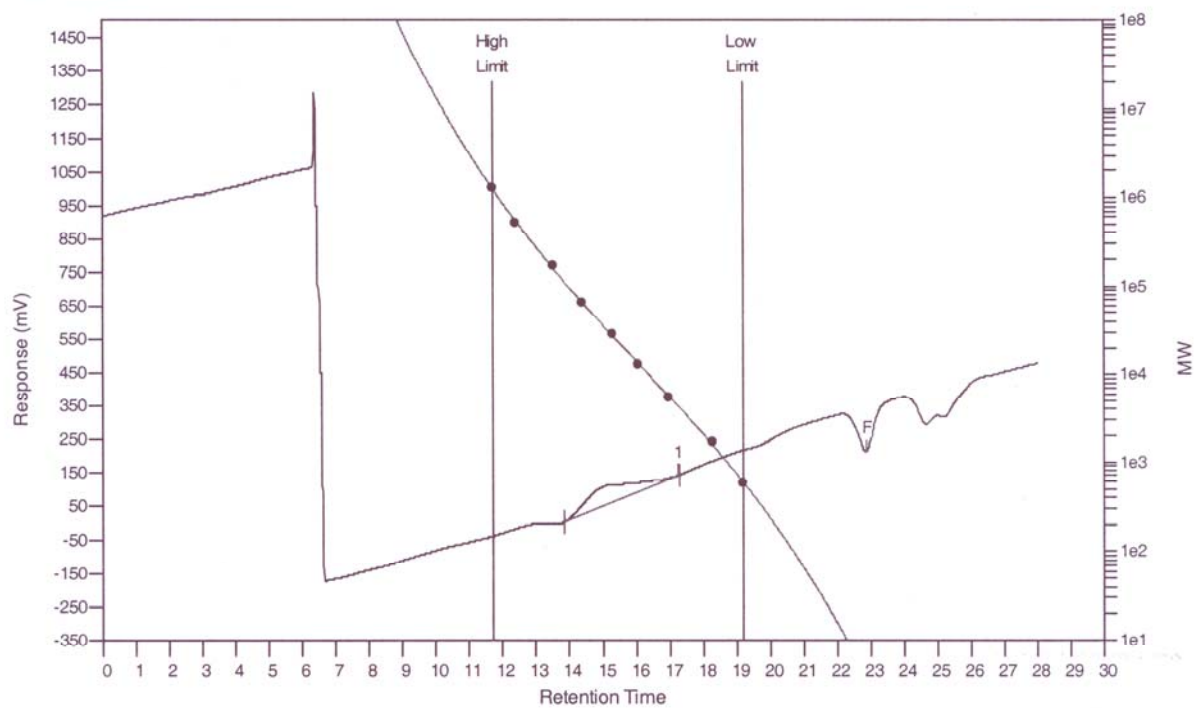


Figure S3 GPC trace of **PCDTBT** in 1,2,4-trichlorobenzene at 100 °C. $M_w = 32,600$, $M_n = 22,500$, $M_w/M_n = 1.45$.