

**Supporting Information**

**for**

**Synthesis and characterization of low-molecular-weight  $\pi$ -conjugated polymers covered by persilylated  $\beta$ -cyclodextrin**

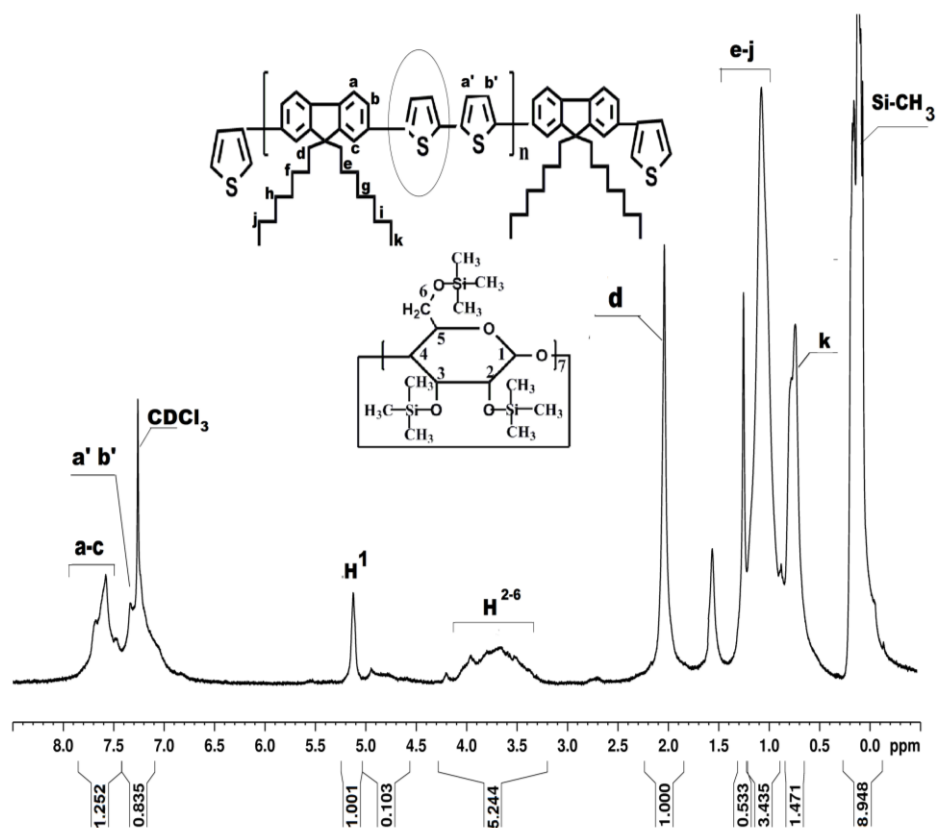
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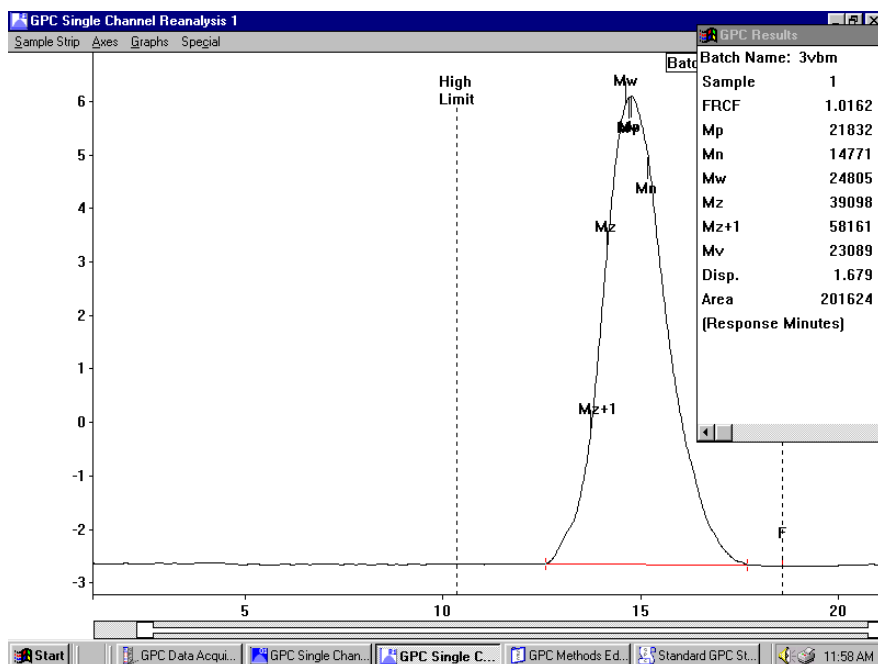
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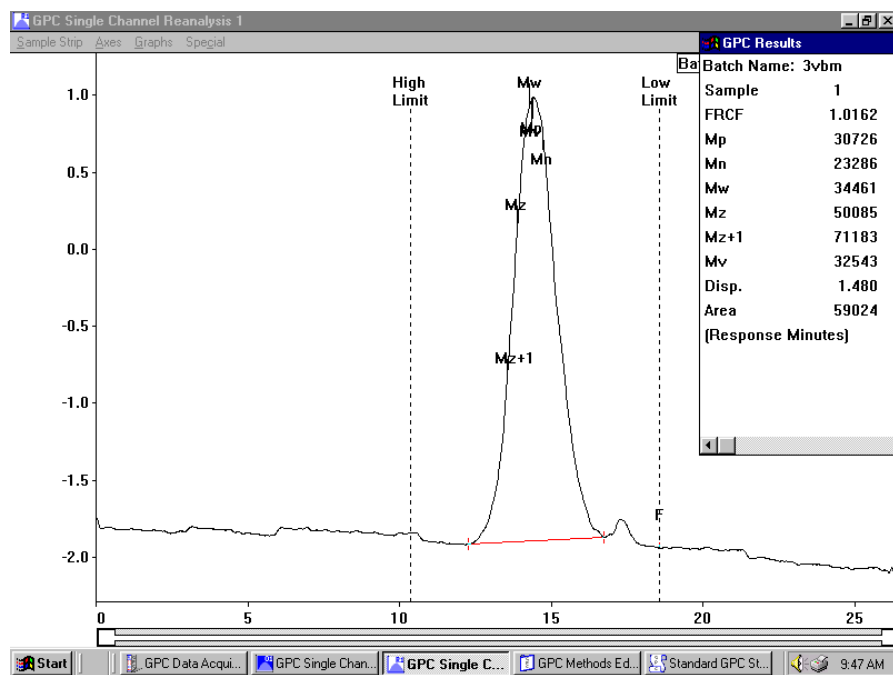
**Gel permeation chromatography and derivative thermogravimetric curves**



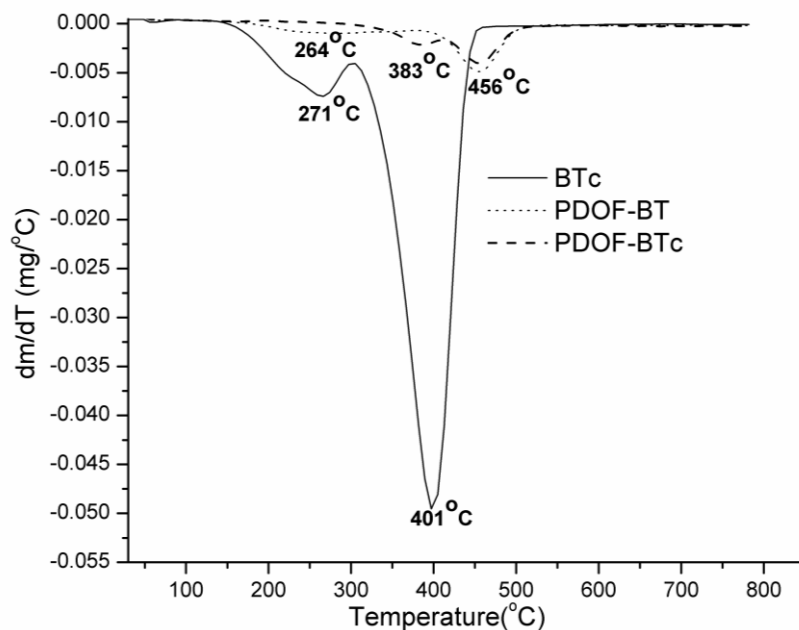
**Figure S1:**  $^1\text{H}$  NMR spectrum of **PDOF-BTc** rotaxane copolymer (soluble part in petroleum ether).



**Figure S2:** Gel permeation chromatography (GPC) of **PDOF-BTc** rotaxane copolymer.



**Figure S3:** GPC of PDOF-BT non-rotaxane copolymer.



**Figure S4:** Derivative thermogravimetric curves (DTG) of BTc, PDOF-BT and PDOF-BTc samples.