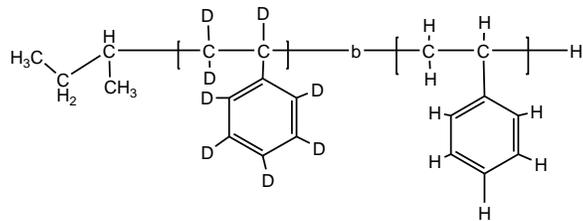


**Sample Name: Deuterated Polystyrene (d<sub>8</sub>)-b-Polystyrene (protonated)**

**Sample #: P2007-dPSS**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
233.0-b-265.0	1.2

**Synthesis Procedure:**

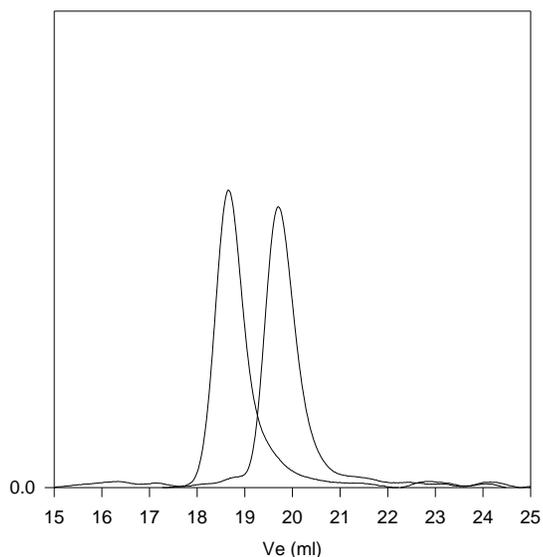
The polymer was synthesized by anionic polymerization Process by successive addition of monomer.

**Characterization:**

The product was characterized by size exclusion chromatography (SEC).

**SEC profile of the polymer:**

**P2007-dPSS**



Size exclusion chromatography of deuterated polystyrene-b-Styrene  
—— Deuterated (d<sub>8</sub>)polystyrene, M<sub>n</sub>=233000, M<sub>w</sub>=262000, PI=1.12  
—— Block Copolymer dPS(233000)-b-St(265000), PI=1.20