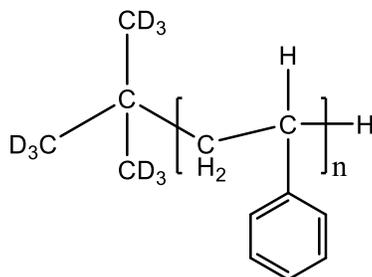


**Sample Name:** Poly(styrene), hydrogen-containing polymer with deuterated tBu-d9 end-group

**Sample #:** P42246-S-d9tBu

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
27.0	1.08

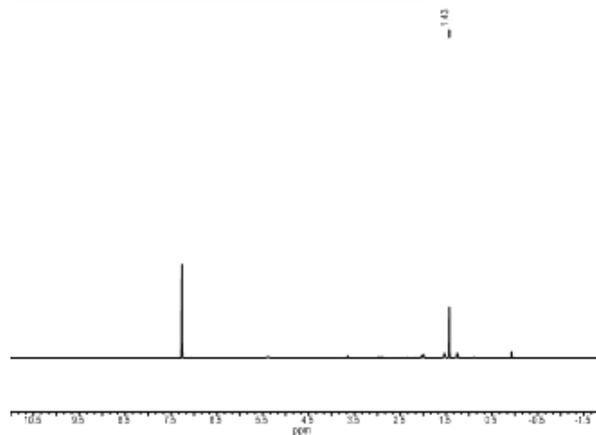
**Synthesis Procedure:**

Polymer was synthesized by living anionic polymerization of Protonated styrene monomer using d9 tert.butyl- lithium initiator.

**Characterization:**

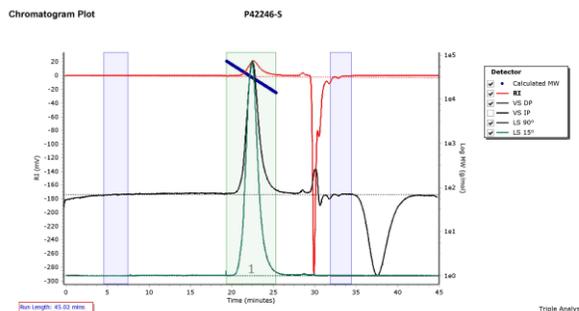
The product was characterized by size exclusion chromatography (SEC) and D NMR.

**DNMR spectrum of the polymer:**



**SEC elugram of the polymer:**

Agilent GPC/SEC Software



Molecular Weight Averages							PD
Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	
Peak 1	29831	27178	29448	32030	35161	31476	1.083