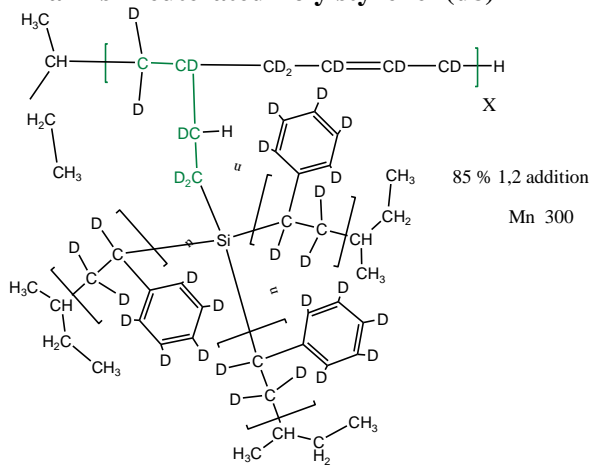


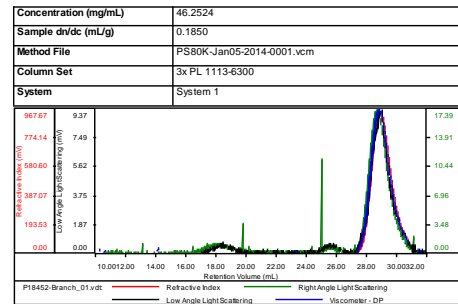
**Sample Name: P18452A**  
**12-arms Deuterated Poly styrene- (d8)**



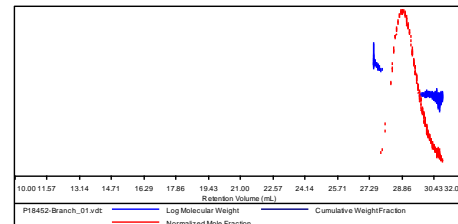
**Linker : Pd6Bd:** Lot # P18427 85 % 1,2 addition Prepare in THF

SEC of the Polymer: (eah branch of Polystyrene)

**Sample ID: P18452-dPS Branch**

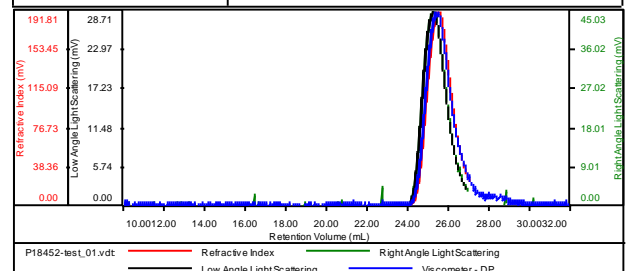


Sample	Mn	Mw	Mp	Mw/Mn	IV
P18452-Branch_01.vdt	1,112	1,160	1,168	1,043	0.0332

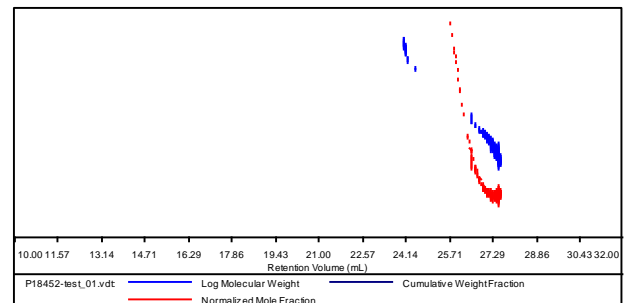


**Sample ID: P18452A-dPS Branch**

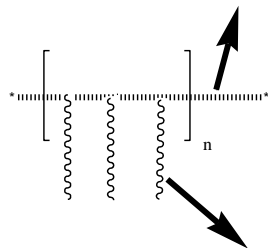
Concentration (mg/mL)	8.6832
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-Jan05-2014-0001.vcm
Column Set	3x PL 1113-6300
System	System 1



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18452-test_01.vdt	13,178	14,797	14,802	1.123	0.0536



Core of Deuterated Poly butadiene



Branches of Deuterated Polystyrene

Mn x 10 <sup>3</sup> (total)	PDI
13.0	1.12
Mn of each arm: (1.2)	

**Synthesis Procedure:**

