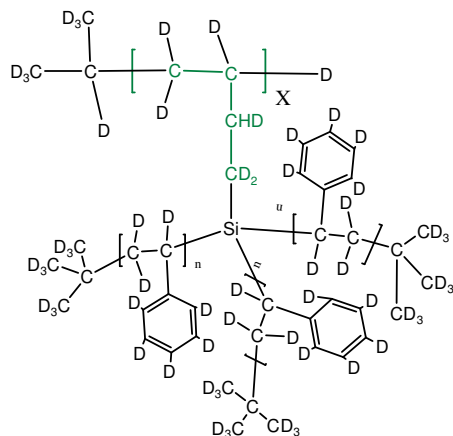


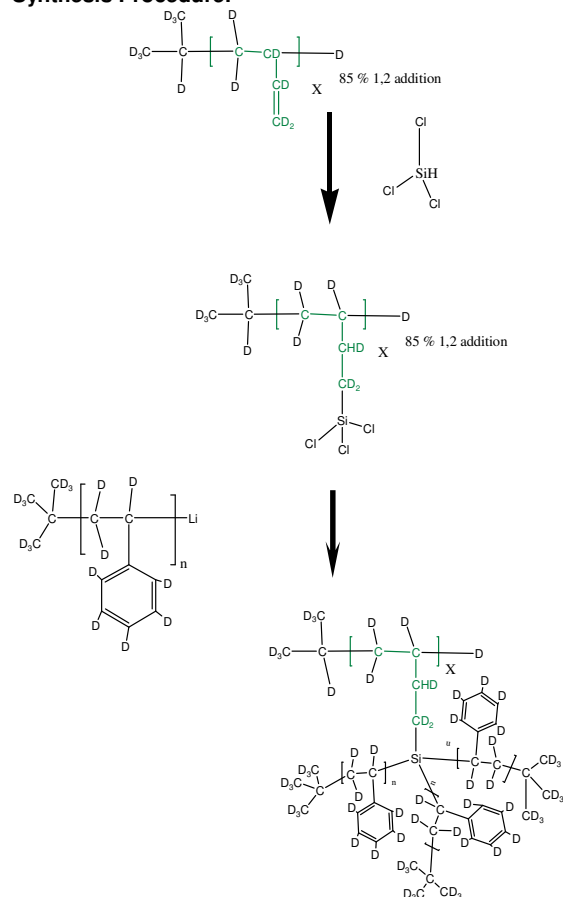
**Sample Name: Complete Deuterated Graft Polystyrene ;**  
**Sample # P18824-10dPS**

**10- arms grafted Deuterated Poly styrene on Deuterated poly butadiene back bone**



Mn x 10 <sup>3</sup> (total)	PDI
15.5	1.3
Mn of each arm: (1.5)	

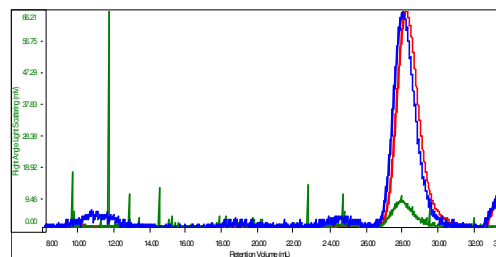
#### Synthesis Procedure:



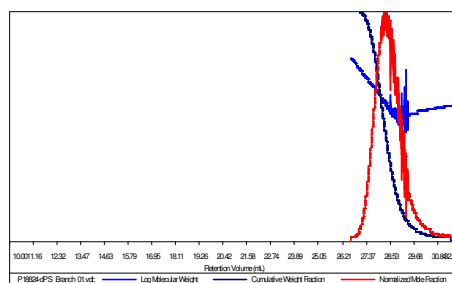
Linker : Lot# P18817

**SEC of the Polymer: (each branch of Polystyrene)**  
**Sample ID: P18824-dPs branch**

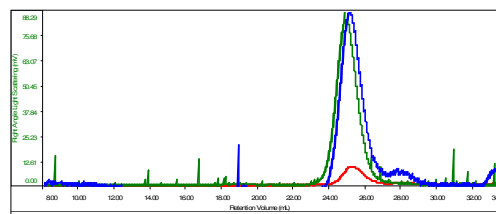
Concentration (mg/mL)	13.6989
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-august 5 2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18824-dPS_Branch_01.vdt	1,572	1,680	1,643	1.068	0.0276



Concentration (mg/mL)	12.6912
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-august 5 2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
p18824-dPS_star_01.vdt	15,531	20,560	18,990	1.334	0.0421

