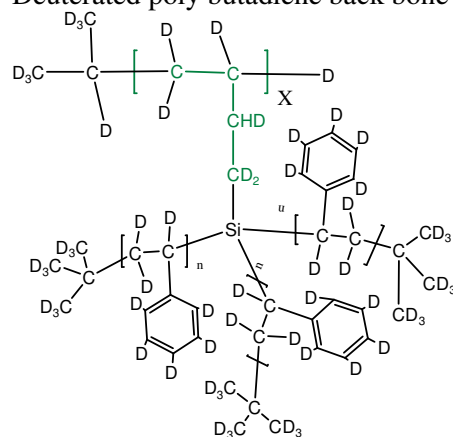


## Sample Name: Complete Deuterated Graft or star like Polystyrene (d8)

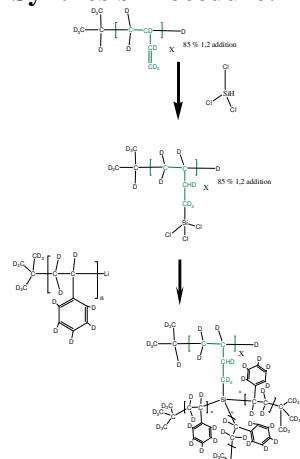
### Sample # P18832-11dPS

11- arms grafted Deuterated Poly styrene on Deuterated poly butadiene back bone



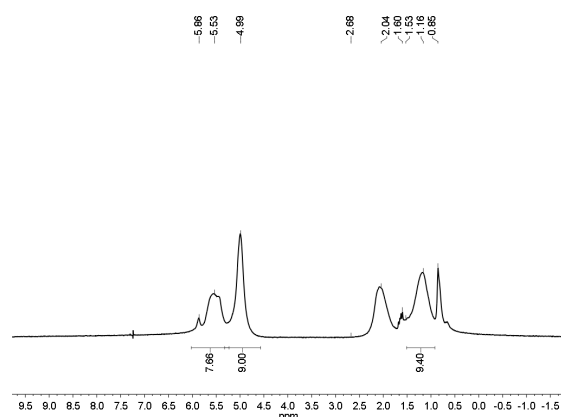
Mn x 10 <sup>3</sup> (total)	PDI
33.0	1.35
Mn of each arm: (3.0)	

### Synthesis Procedure:



Linker : Lot# P18818: pentamer

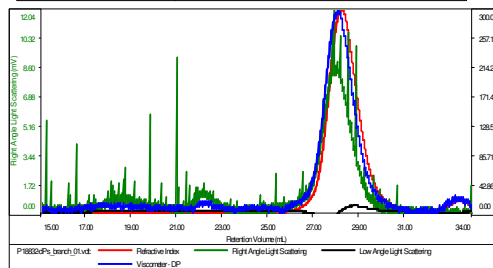
### <sup>1</sup>H NMR:



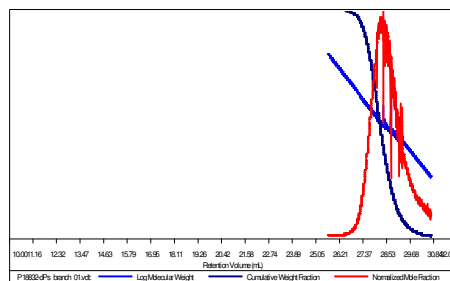
## SEC of the deuterated Polystyrene branch

Sample ID: P18832-dPS Branch

Concentration (mg/mL)	7.4113
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-august 5:2014:0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF

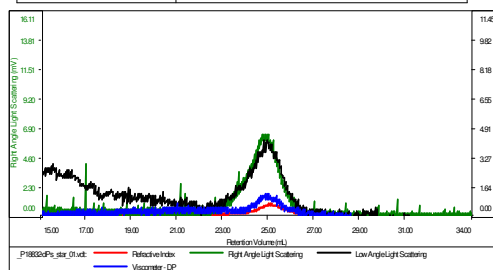


Sample	Mn	Mw	Mp	Mw/Mn	IV
P18832-dPS_branch_01.vct	3.153	3.989	3.674	1.265	0.0543



Sample ID: P18832-dPS star

Concentration (mg/mL)	0.4880
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-august 12:2014:0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18832-dPS_star_01.vct	33.960	44.434	33.949	1.308	1.0000

