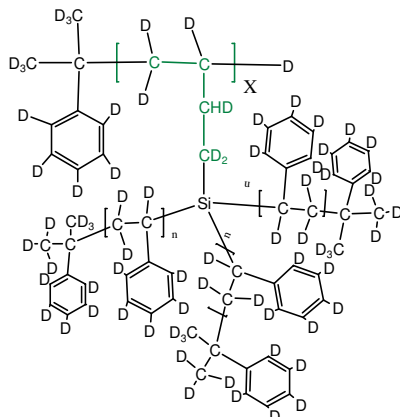


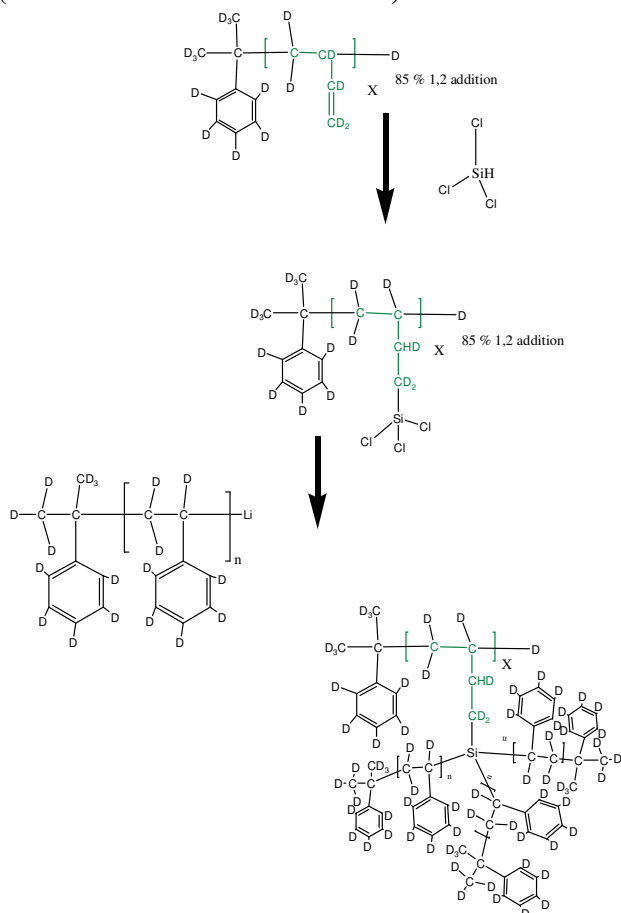
**Sample Name:**  
**Completely Deuterated Multiarm Polystyrene**

**Sample # P18553-17dPS**  
**17-arm Deuterated d3 Polystyrene**



$M_n \times 10^3$ of one arm (g/mol)	Total $M_n \times 10^3$ (g/mol)	PDI
0.7	12.0	1.35

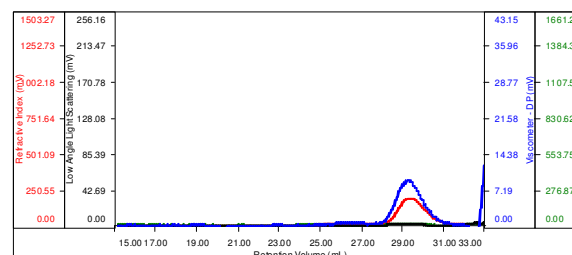
**Synthesis:**  
(Main chain linker: Lot # P18483)



**SEC elugram of the PS arm:**

**Sample ID: P18553-DPs branch**

Concentration (mg/mL)	4.0731
Sample dn/dc (mL/g)	0.1700
Method File	PS80K-March13-2014-0000.vcm
Column Set	3x PL 1113-6300
System	System 1

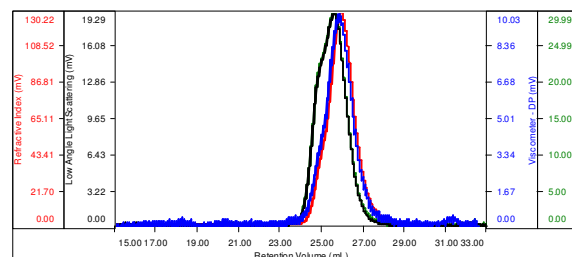


Sample	Mn	Mw	Mp	Mw/Mn	IV
P18553-d3PS_Branch_01.vdt	704	835	917	1.185	0.0640

**SEC elugram of the multiarm PS:**

**Sample ID: P18553-d3PS star**

Concentration (mg/mL)	2.5669
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-March13-2014-0000.vcm
Column Set	3x PL 1113-6300
System	System 1



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18553-DPS_star_01.vdt	12,160	16,656	13,249	1.370	0.1162