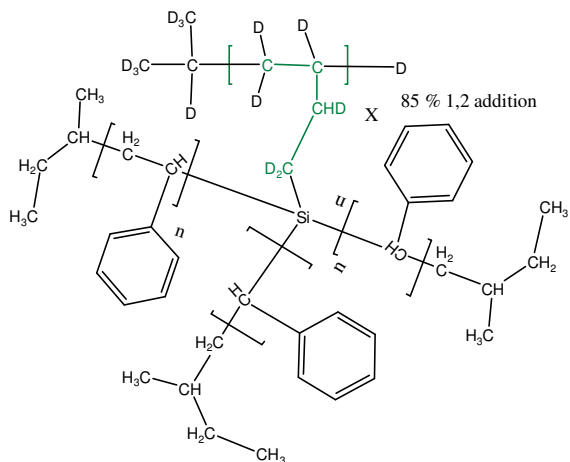


Sample Name:

**Protonated Multiarm Polystyrene  
With Deuterated Core**

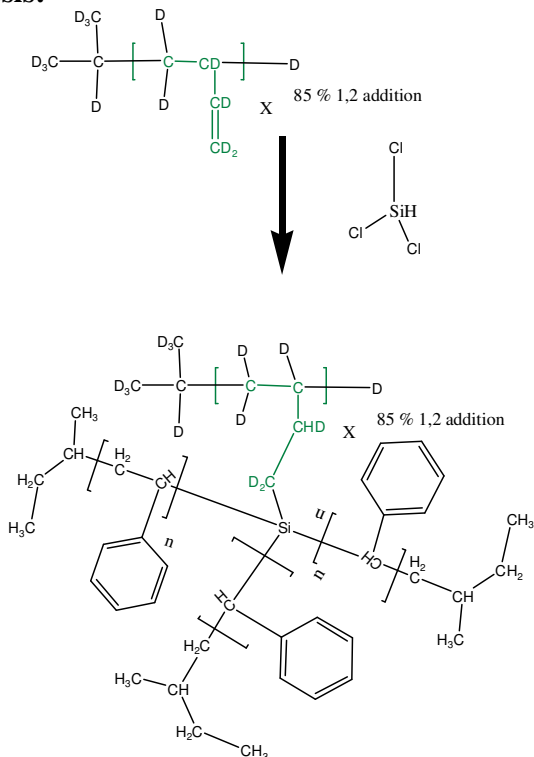
Sample # P18562-33S

**33-arm Polystyrene**

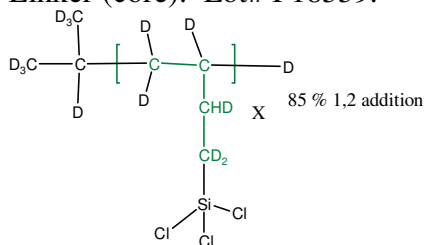


$M_n \times 10^3$ of one arm (g/mol)	Total $M_n \times 10^3$ (g/mol)	PDI
1.2	40.0	1.17

**Synthesis:**



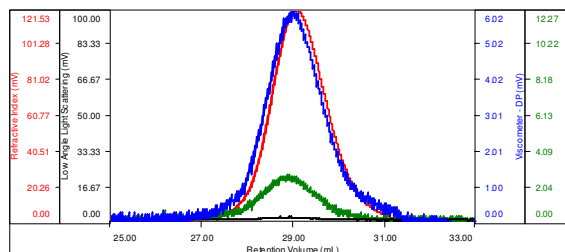
Linker (core): Lot# P18559.



SEC elugram of the PS arm:

Sample ID: P18562-S Branch

Concentration (mg/mL)	2.2721
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-March13-2014-0000.vcm
Column Set	3x PL 1113-6300
System	System 1

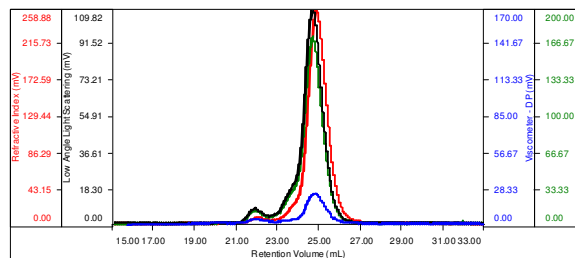


Sample	Mn	Mw	Mp	Mw/Mn	IV
P18562-1_01.vdt	1,205	1,399	1,239	1.161	0.0778

SEC elugram of the multiarm PS:

Sample ID: P18562- SStar

Concentration (mg/mL)	3.7959
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
P18562-Star_01.vdt	40,190	45,501	42,024	1.132	0.1543