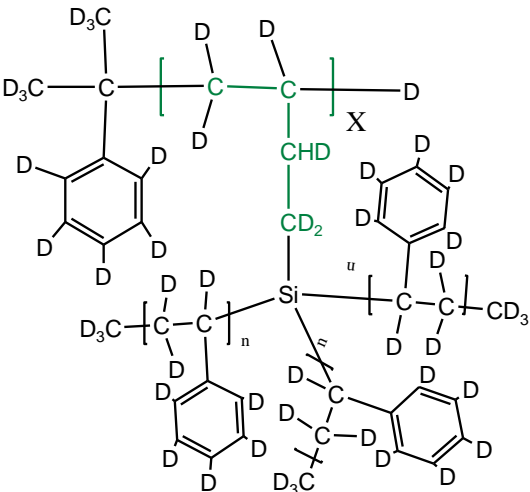
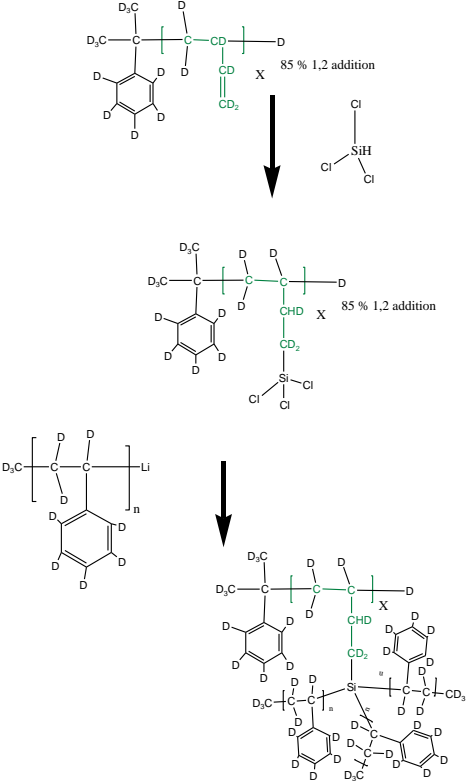


**Sample Name: Complete Deuterated Multiarm Polystyrene ;**  
**Sample # P18502F1-3S**  
**3- arms Deuterated Poly styrene**



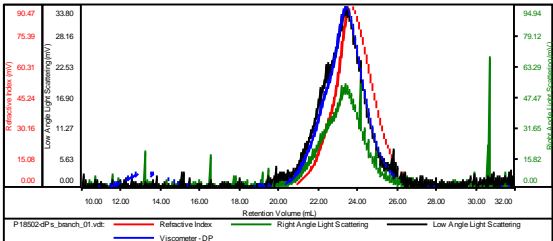
|                                 |      |
|---------------------------------|------|
| Mn x 10 <sup>3</sup><br>(total) | PDI  |
| 92.0                            | 1.45 |
| Mn of each arm: (28.5)          |      |

**Synthesis Procedure:**

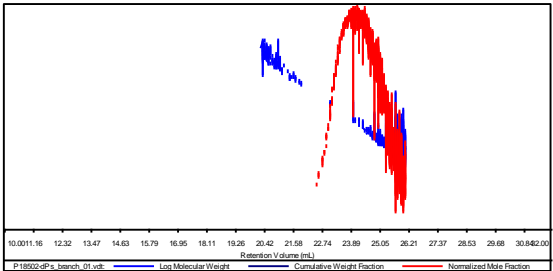


**Linker : Lot# P18483A**  
**SEC of the Polymer: (eah branch of Polystyrene)**  
**Sample ID: P18502-dPS Branch**

|                       |                           |
|-----------------------|---------------------------|
| Concentration (mg/mL) | 3.2544                    |
| Sample dn/dc (mL/g)   | 0.1850                    |
| Method File           | PS80K-Feb10-2014-0000.vcm |
| Column Set            | 3x PL 1113-6300           |
| System                | System 1                  |

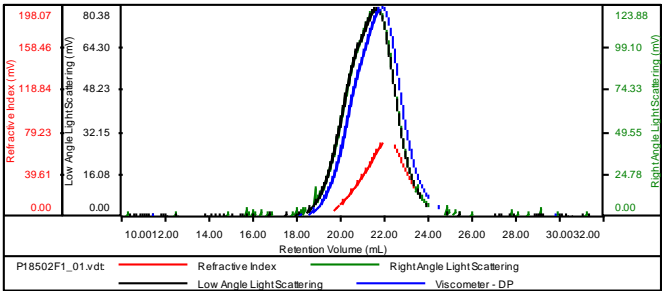


| Sample                   | Mn     | Mw     | Mp     | Mw/Mn | IV     |
|--------------------------|--------|--------|--------|-------|--------|
| P18502-dPs_branch_01.vdt | 28,524 | 38,376 | 34,991 | 1.345 | 0.4335 |



**Sample ID: P18502F1-dpS star**

|                       |                           |
|-----------------------|---------------------------|
| Concentration (mg/mL) | 5.4143                    |
| Sample dn/dc (mL/g)   | 0.1850                    |
| Method File           | PS80K-Feb20-2014-0000.vcm |
| Column Set            | 3x PL 1113-6300           |
| System                | System 1                  |



| Sample          | Mn     | Mw      | Mp      | Mw/Mn | IV     |
|-----------------|--------|---------|---------|-------|--------|
| P18502F1_01.vdt | 91,815 | 129,511 | 104,158 | 1.411 | 0.3787 |

