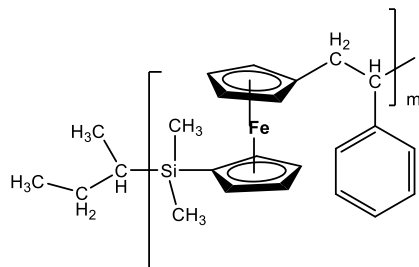


Sample Name:
Poly(ferrocenyldimethylsilane-b-styrene)

Sample #: **P43635A-FES-S**

Structure:



Composition:

Mn $\times 10^3$ FES-S	Mw/Mn (PDI)
10.5-b-19.0	1.5

T _g for PS block: 106°C T _g for FES block: 21°C
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Synthesis Procedure:

Poly(ferrocenyldimethylsilane-b-styrene) is prepared by anionic living polymerization by successive addition of of ferrocenyldimethylsilane monomer followed by styrene.

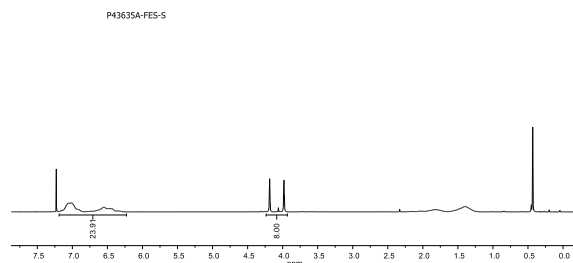
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H NMR data analysis.

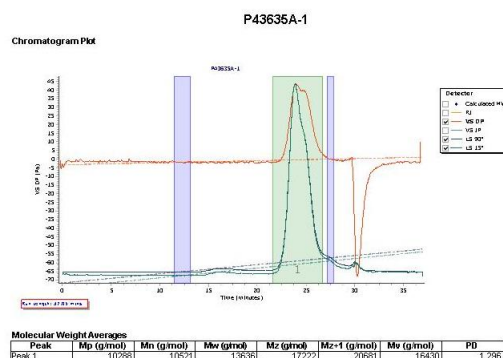
Solubility:

Polymer is soluble in THF, CHCl₃, Toluene and precipitate out from ether and hexanes.

¹H NMR spectrum of the sample:



SEC elugram of the First block:



SEC profile of the block copolymer:

