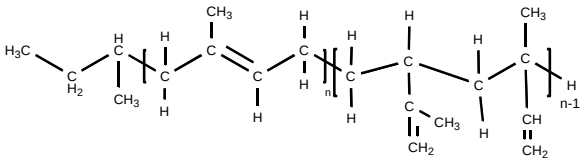
Sample Name: **Poly isoprene (rich in 1,4 microstructure)**

Sample #: **P9390B-IP Pentamer**

Structure:

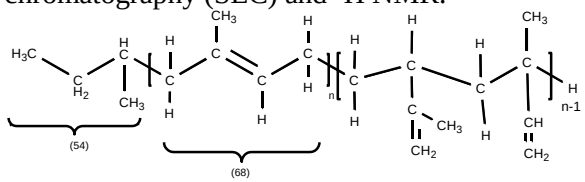


Composition:

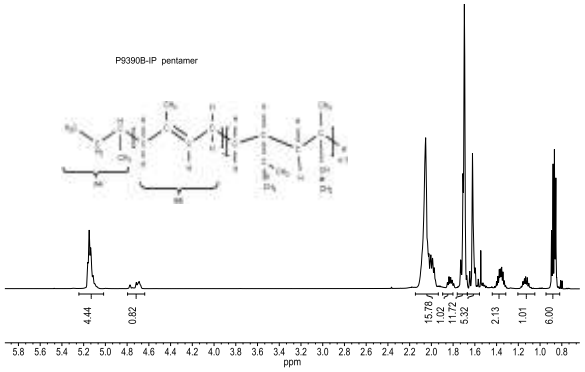
Mn x 10^3	PDI
0.372	1.05

Synthesis:
The product was synthesized by anionic polymerization process using Sec. Butyl lithium initiator.

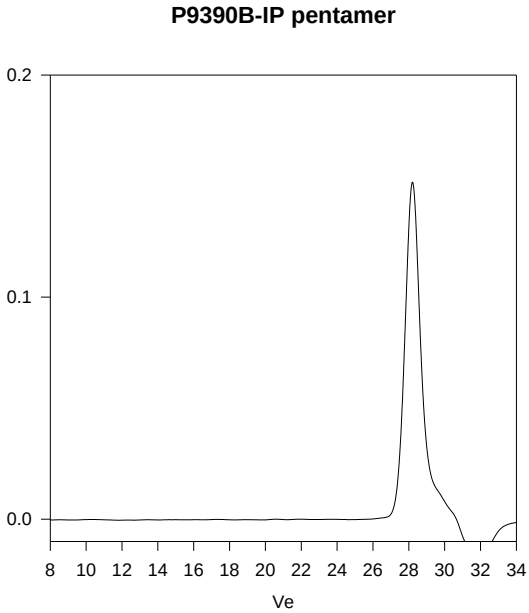
Characterization:
The product was characterized by size exclusion chromatography (SEC) and ^{1}H NMR.



HNMR spectrum of the product:



SEC elugram of the product:



Size exclusion chromatography of oligomers:

pentamer Mw/Mn 1.05