**Supplementary Information**

Effect of Molecular Weight on Gelling and Viscoelastic Properties of Poly(caprolactone)–b-Poly(ethylene glycol)–b-Poly(caprolactone) (PCL–PEG–PCL) Hydrogels

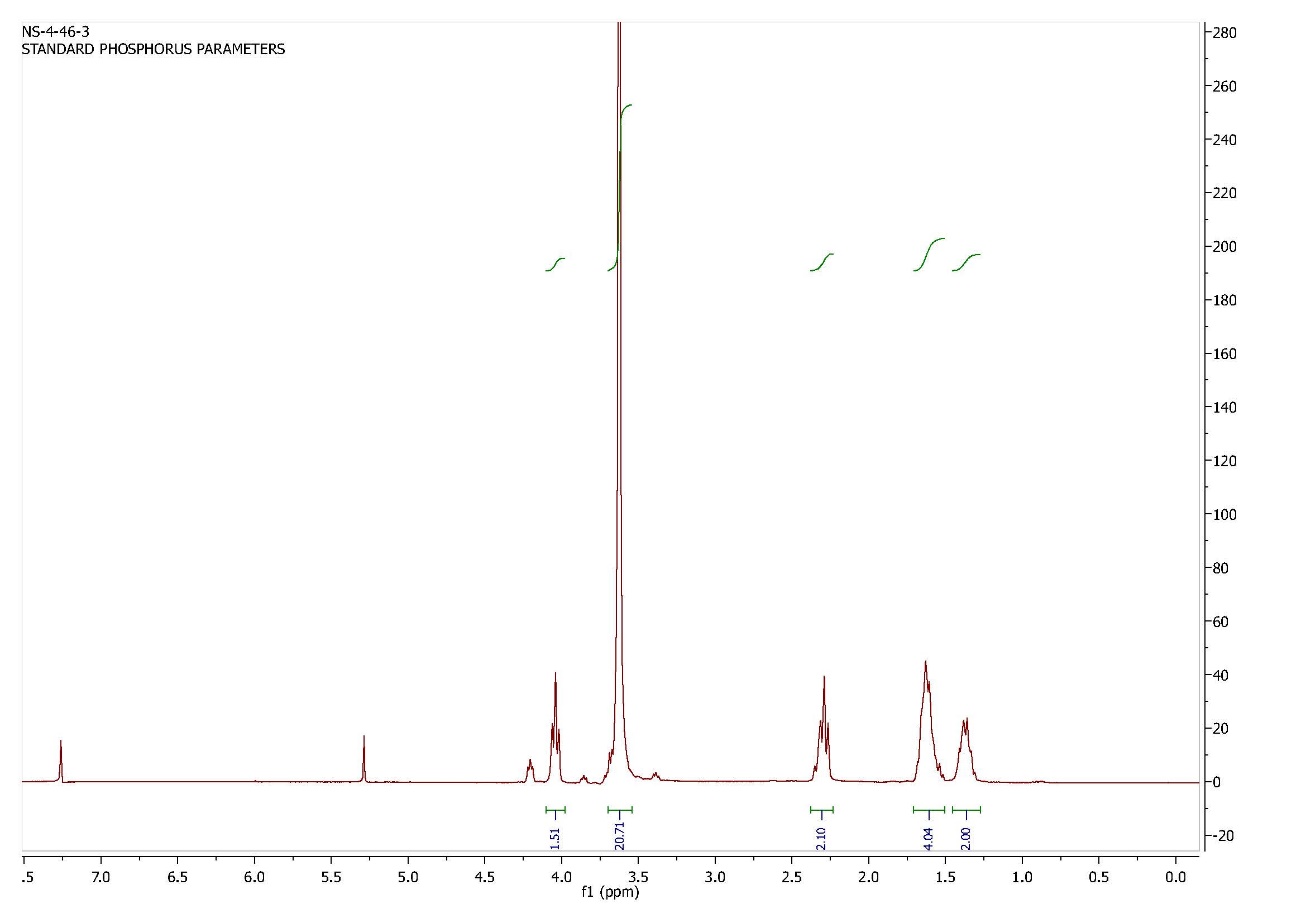
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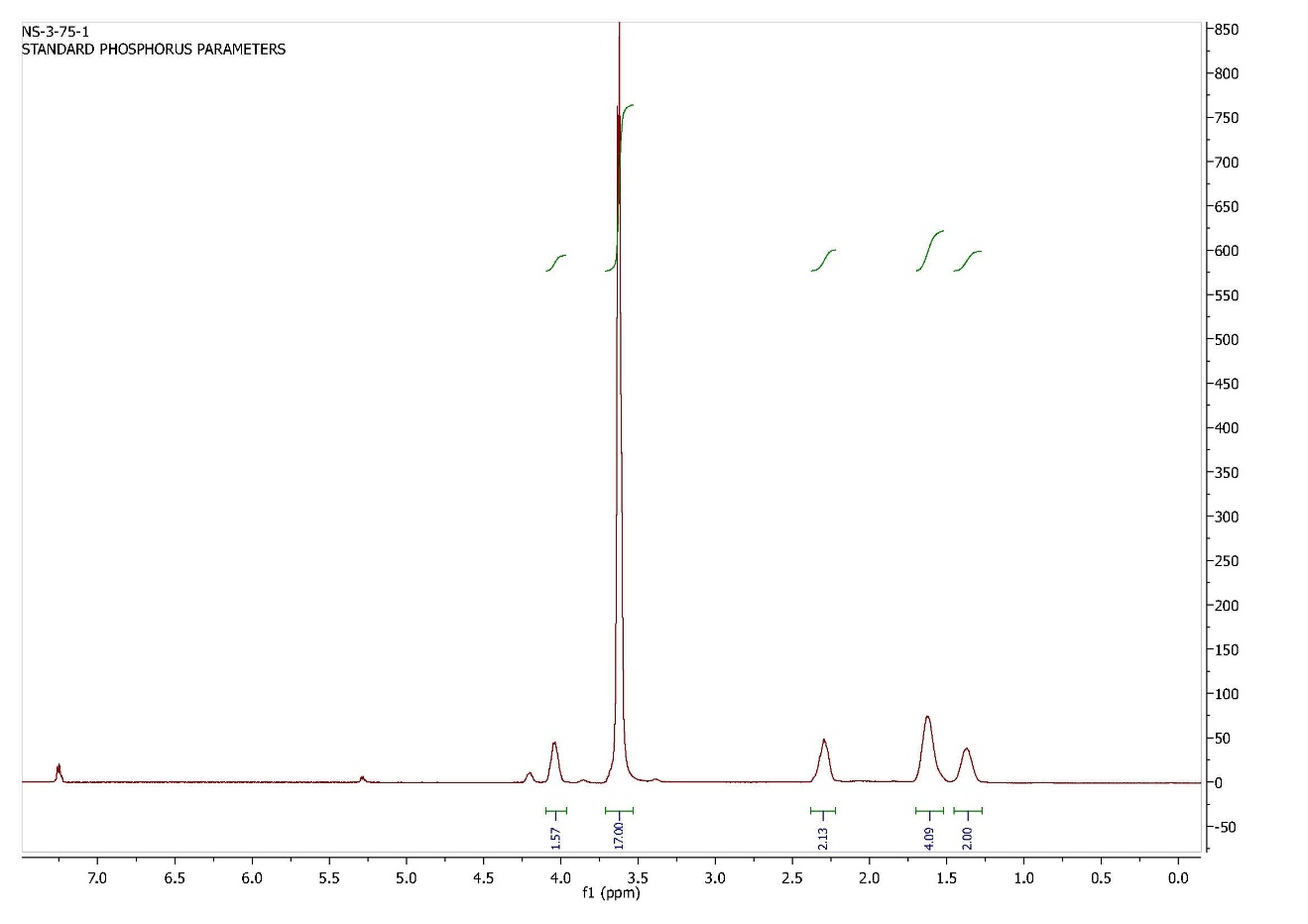
\* Correspondence: avid@ekmd.huji.ac.il

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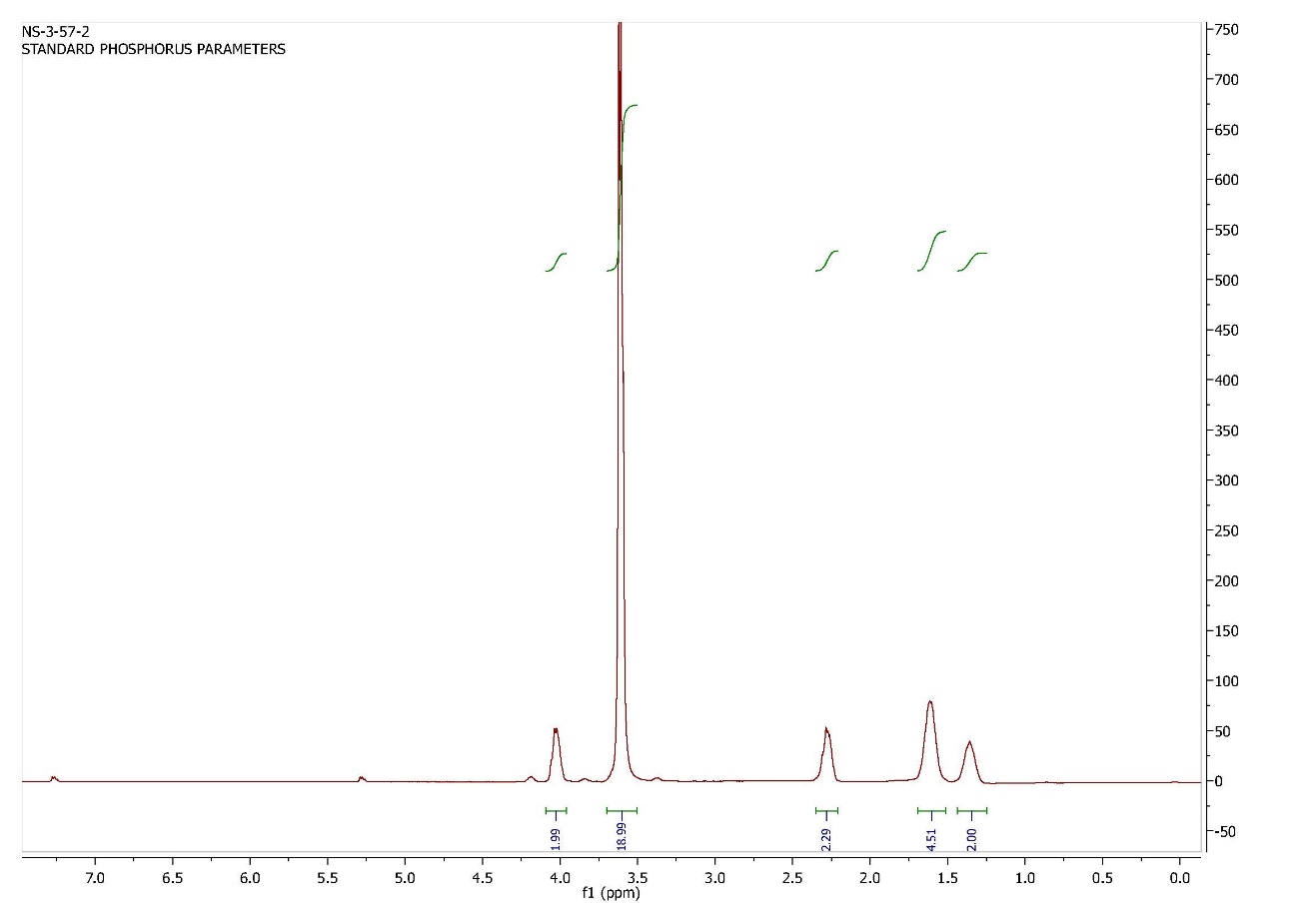
**1H NMR spectra of polymers I-IX**

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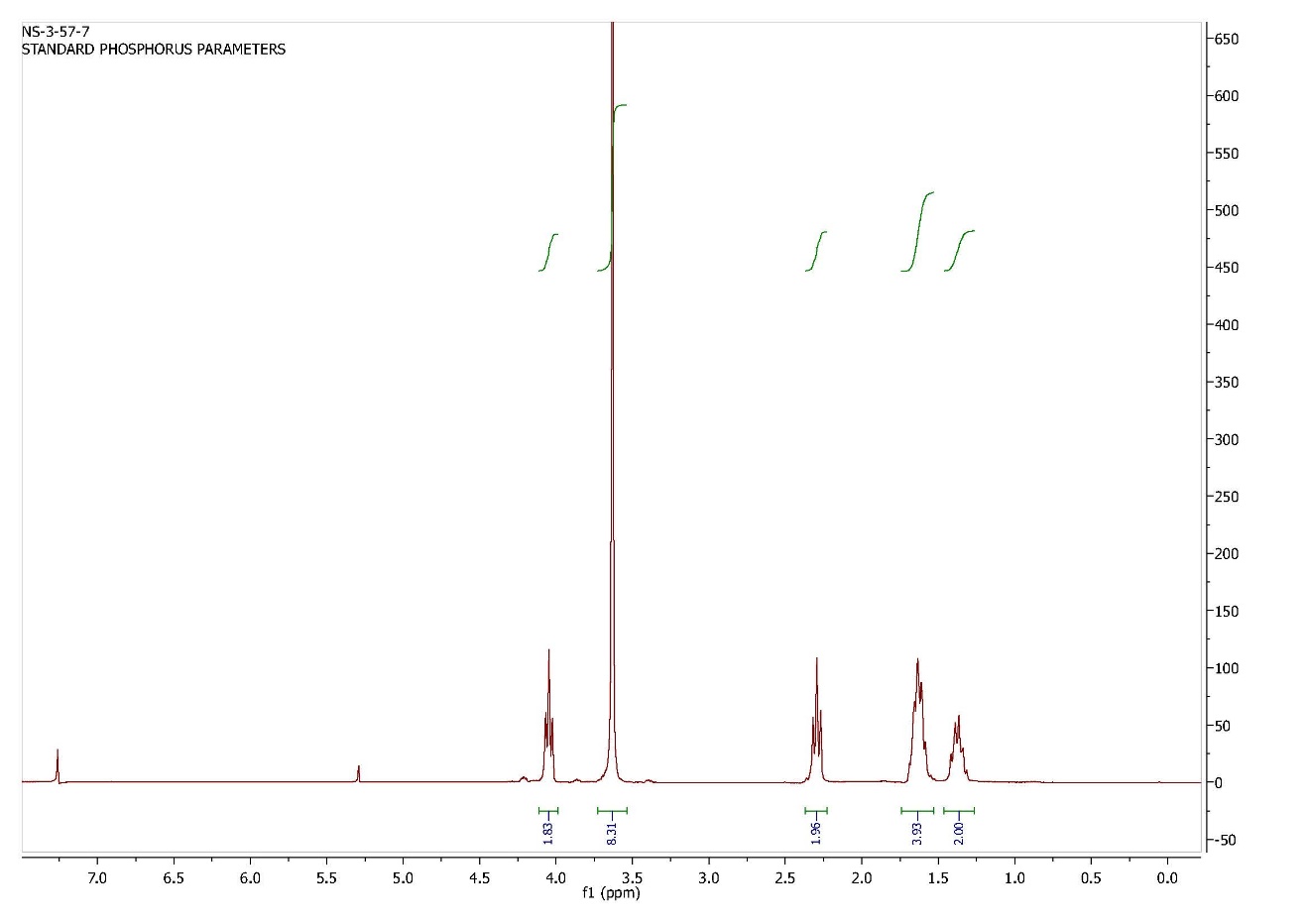
**Figure S1.** 1H NMR spectrum of **I**

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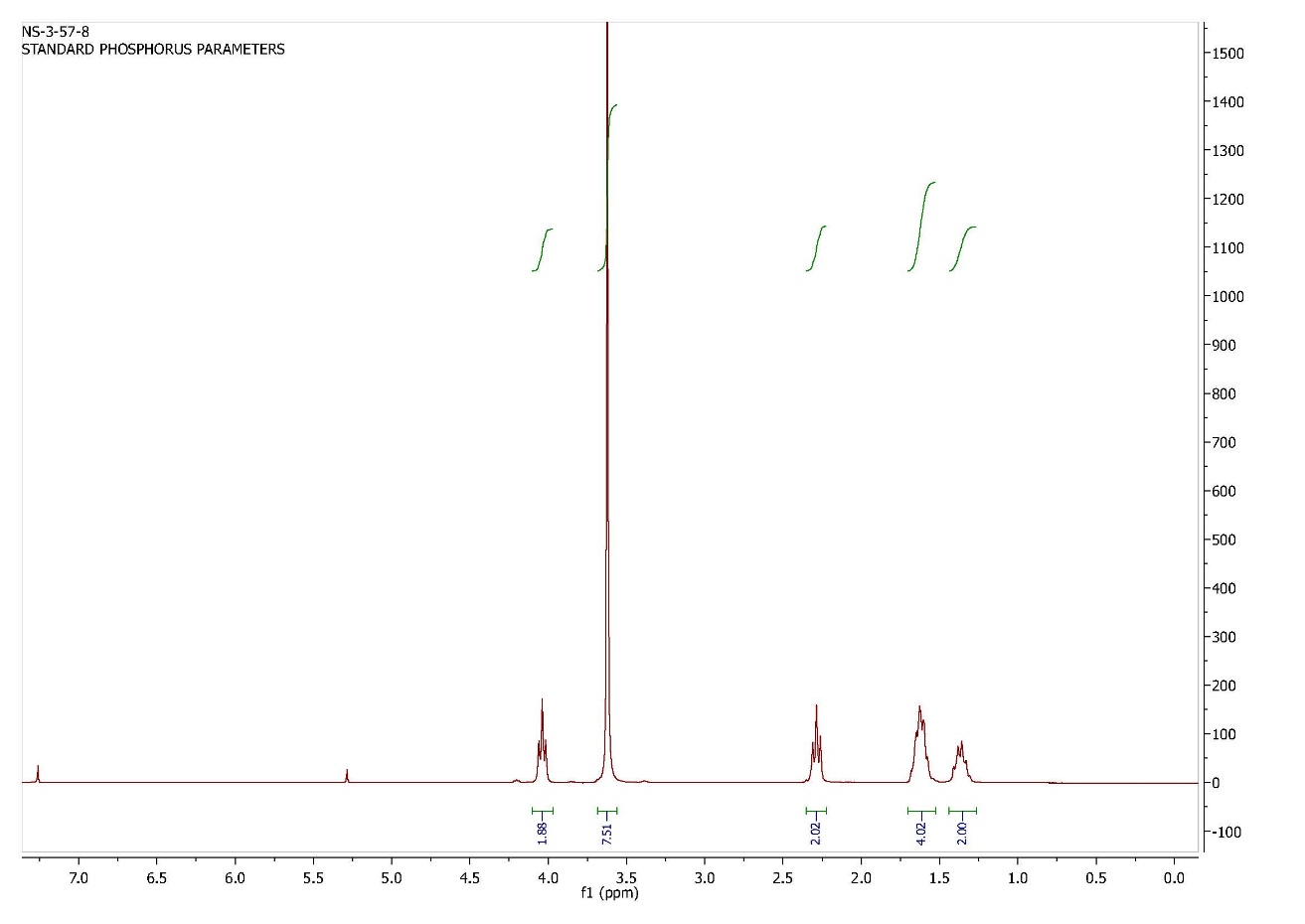
**Figure S2.** 1H NMR spectrum of **II**

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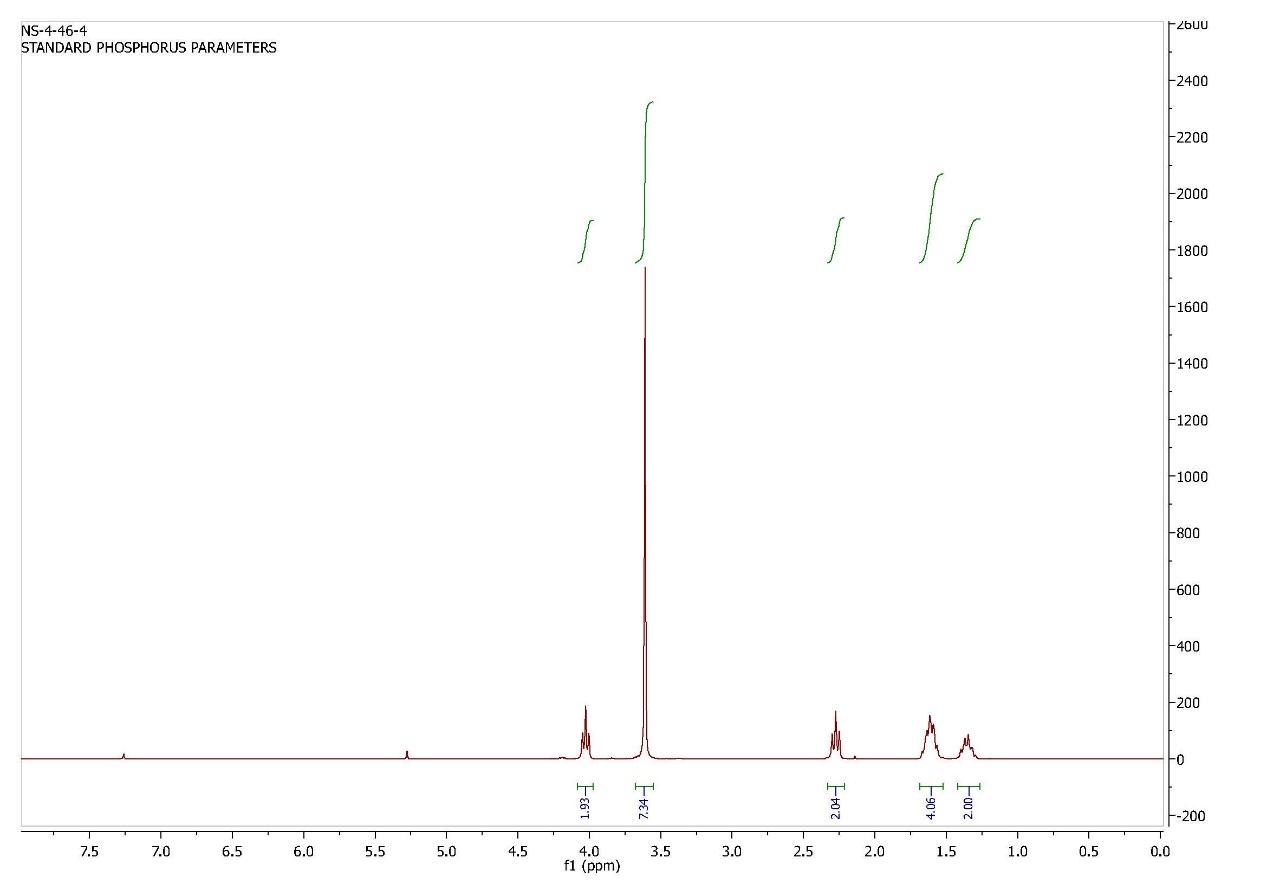
**Figure S3.** 1H NMR spectrum of **III**

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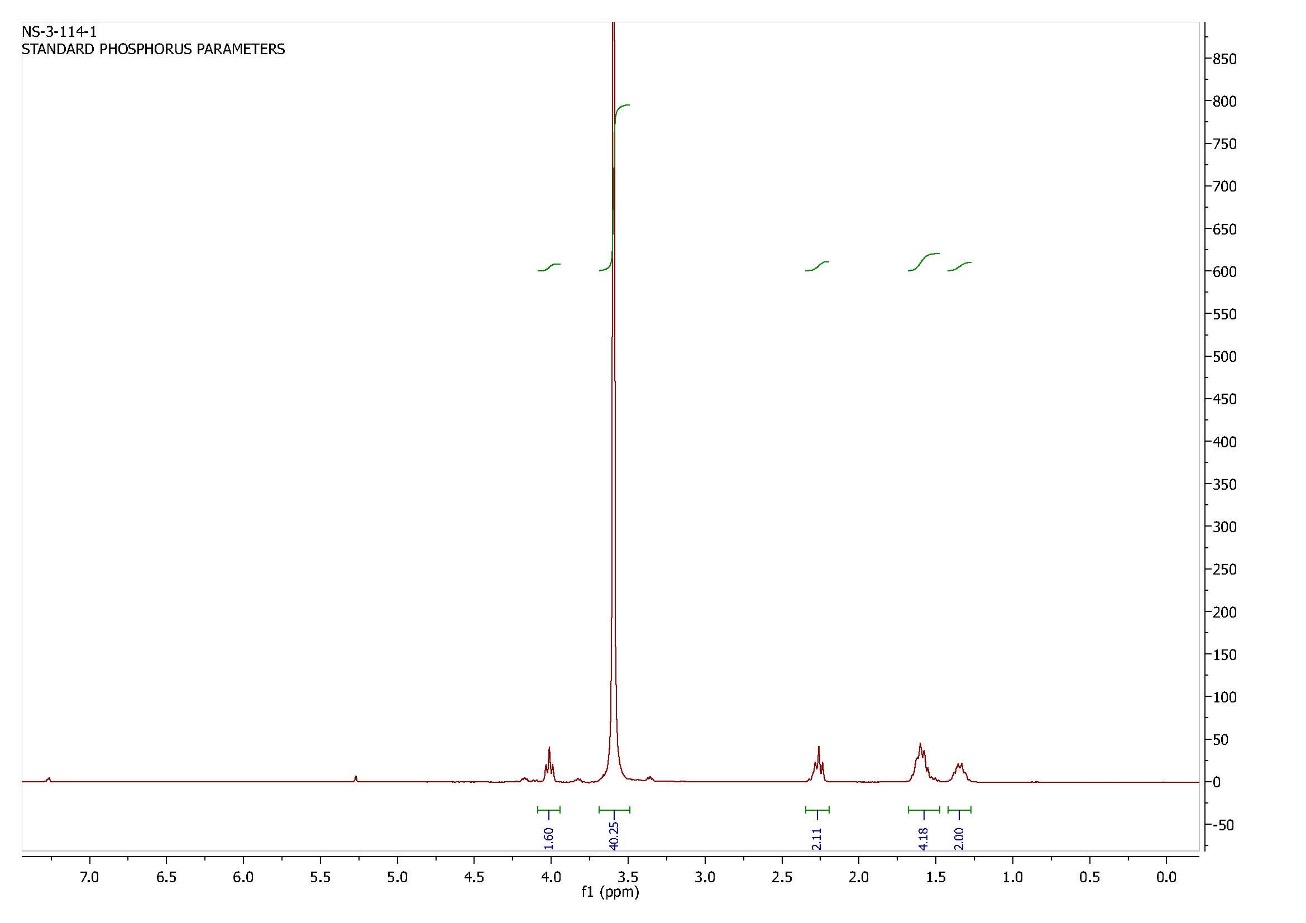
**Figure S4.** 1H NMR spectrum of **IV**

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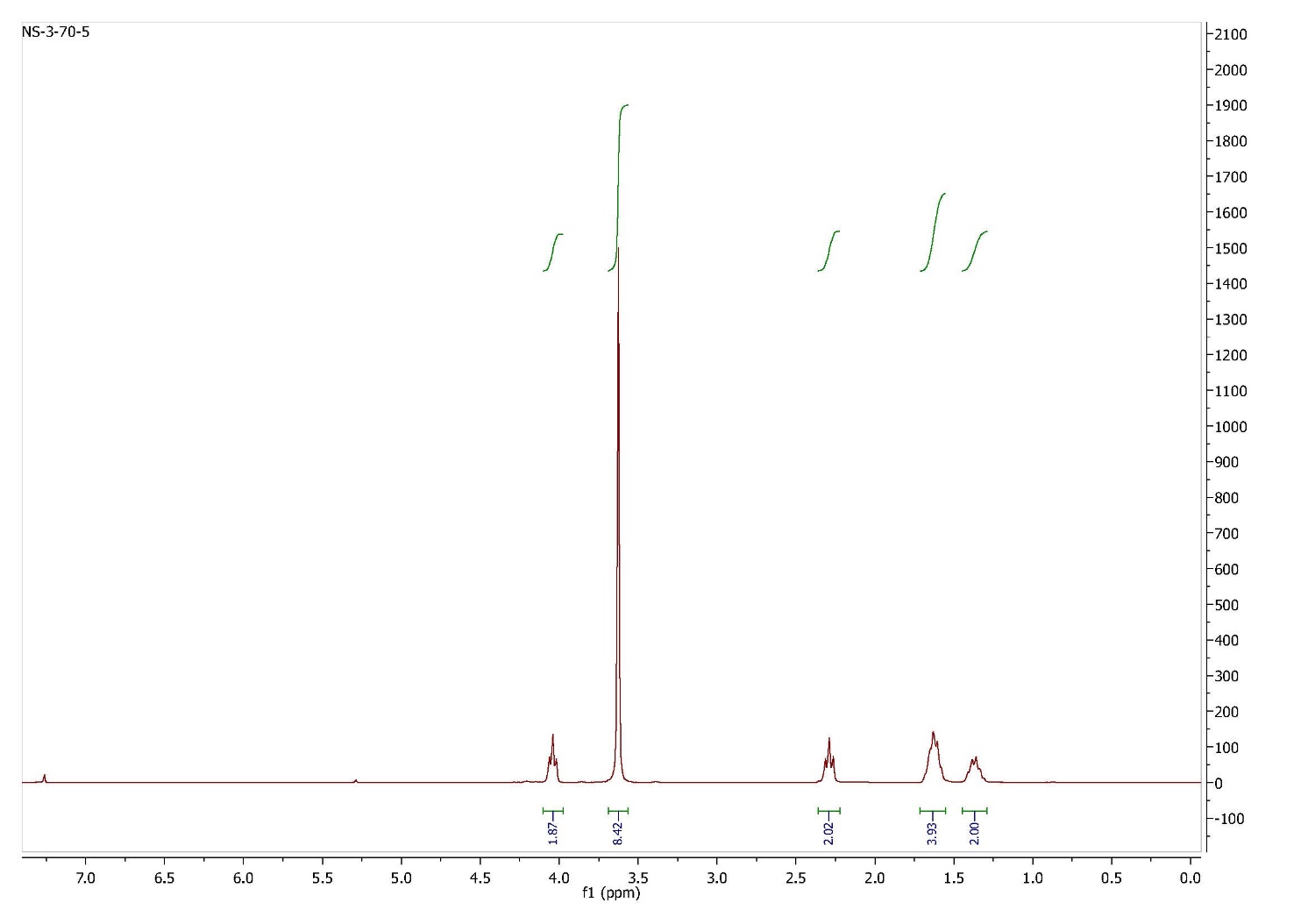
**Figure S5.** 1H NMR spectrum of **V**

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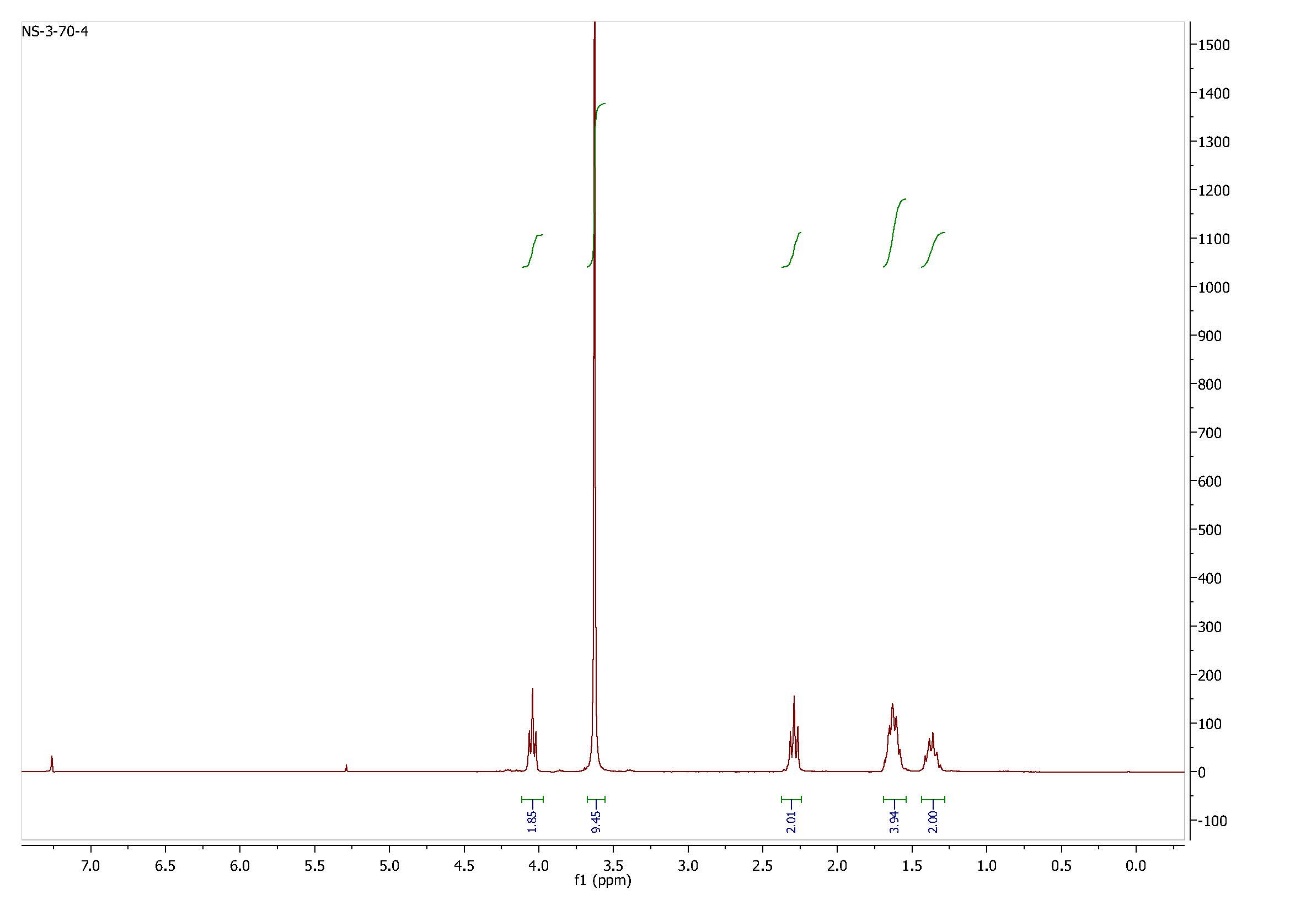
**Figure S6.** 1H NMR spectrum of **VI**

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**Figure S7.** 1H NMR spectrum of **VII**

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**Figure S8.** 1H NMR spectrum of **VIII**

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**Figure S9.** 1H NMR spectrum of **IX**

**IR spectra of polymers I-IX**

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**Figure S10.** IR spectrum of **I** with labelled carbonyl stretch.

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**Figure S11.** IR spectrum of **II** with labelled carbonyl stretch.

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**Figure S12.** IR spectrum of **III** with labelled carbonyl stretch.

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**Figure S13.** IR spectrum of **IV** with labelled carbonyl stretch.

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**Figure S14.** IR spectrum of **V** with labelled carbonyl stretch.

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**Figure S15.** IR spectrum of **VI** with labelled carbonyl stretch.

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**Figure S16.** IR spectrum of **VII** with labelled carbonyl stretch.

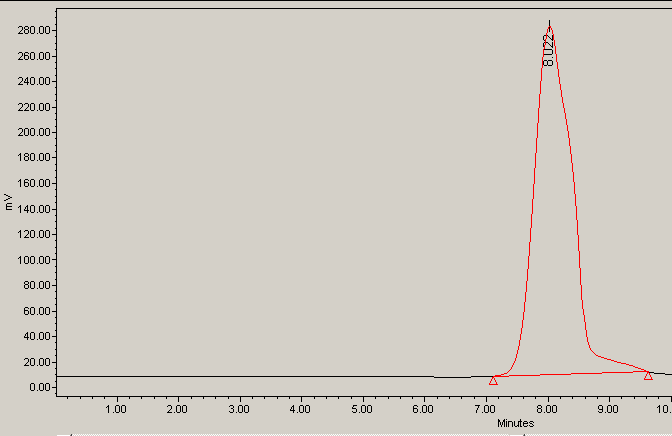
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**Figure S17.** IR spectrum of **VIII** with labelled carbonyl stretch.

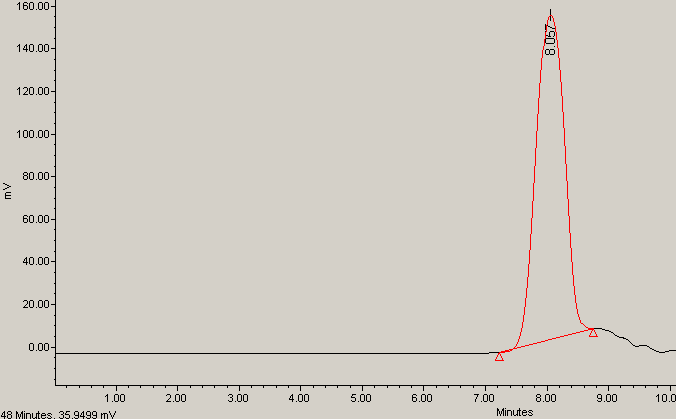
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**Figure S18.** IR spectrum of **IX** with labelled carbonyl stretch.

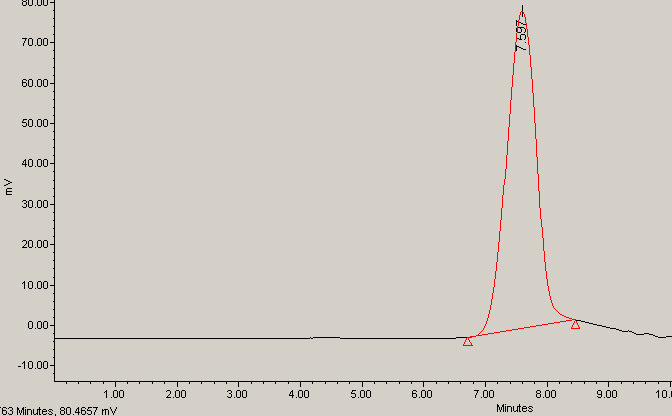
**GPC chromatographs of polymers I-X**



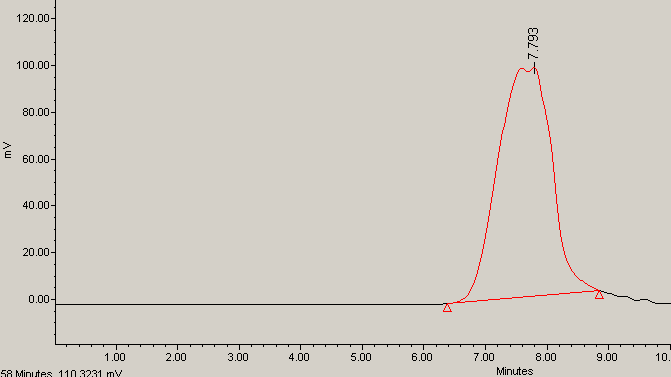
**Figure S19.** GPC chromatograph of **I** with retention time displayed.



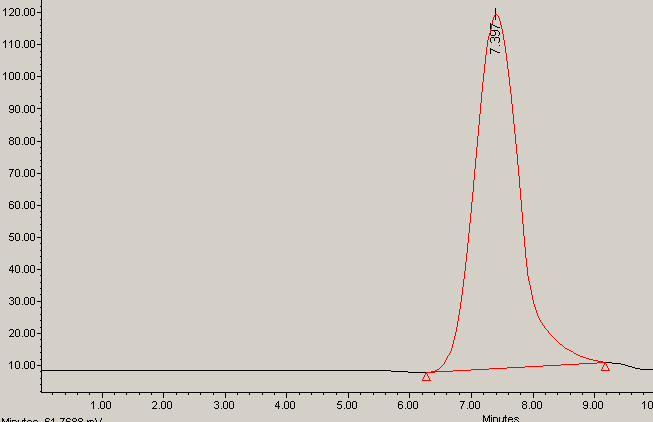
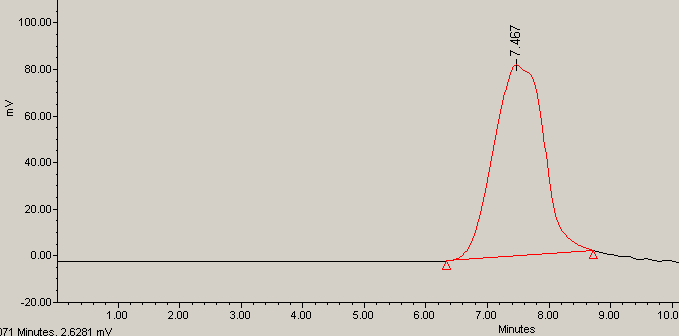
**Figure S20.** GPC chromatograph of **II** with retention time displayed.



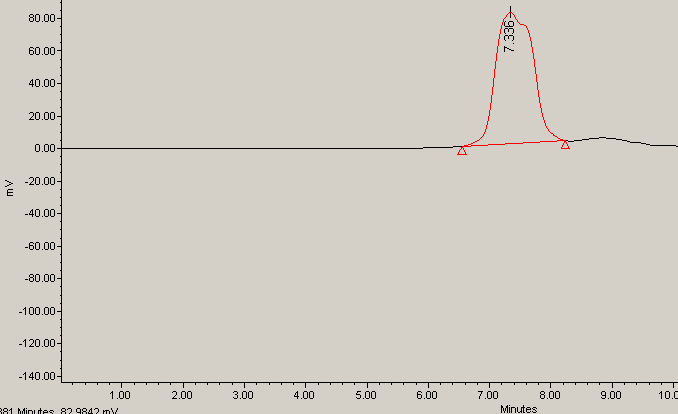
**Figure S21.** GPC chromatograph of **III** with retention time displayed.



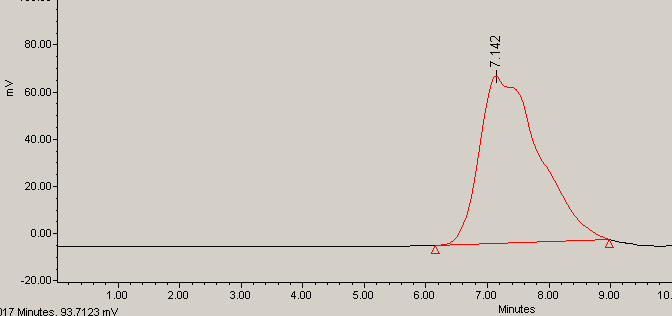
**Figure S22.** GPC chromatograph of **IV** with retention time displayed.**Figure S23.** GPC chromatograph of **V** with retention time displayed.



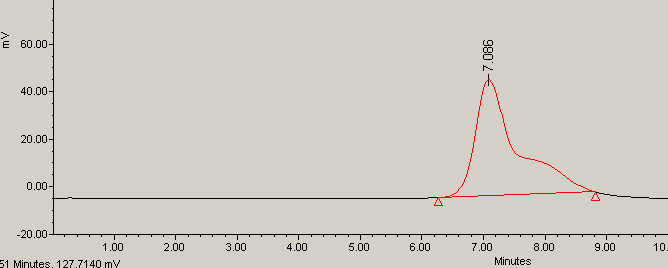
**Figure S24.** GPC chromatograph of **VI** with retention time displayed.



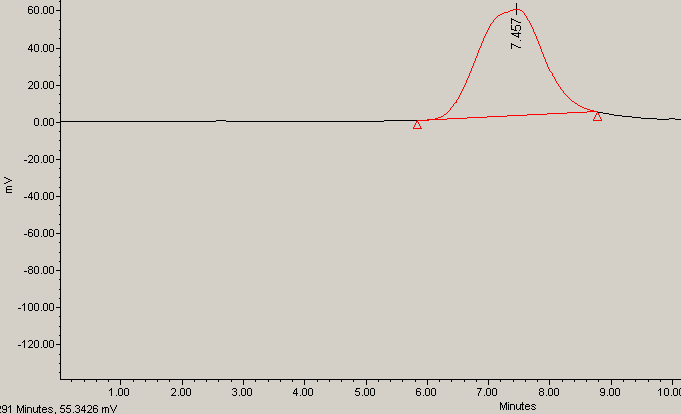
**Figure S25.** GPC chromatograph of **VII** with retention time displayed.



**Figure S26.** GPC chromatograph of **VIII** with retention time displayed.



**Figure S27.** GPC chromatograph of **IX** with retention time displayed.



**Figure S28.** GPC chromatograph of **X** with retention time displayed.