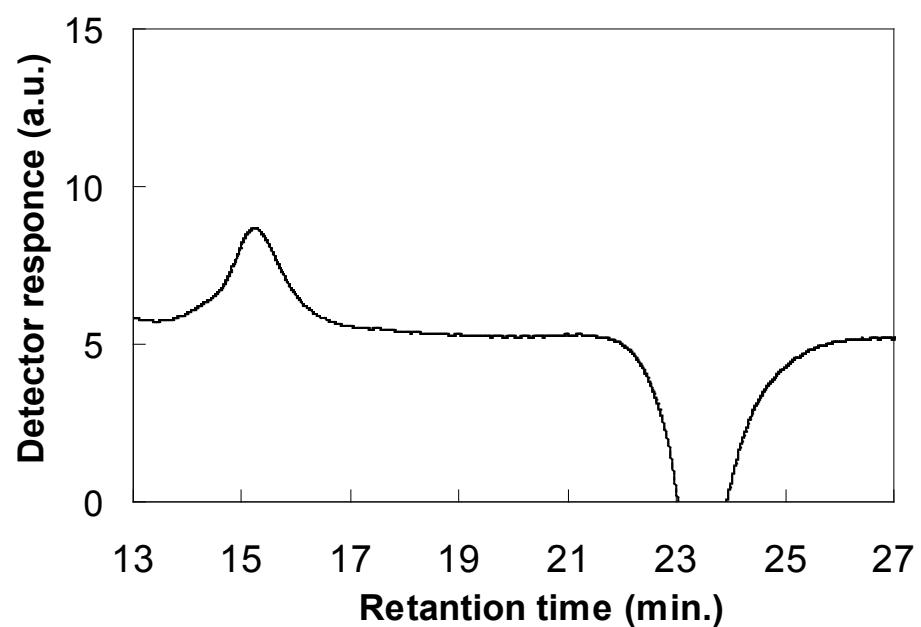


## **Supplementary information**

### **Sol-gel transition of PEG-PAF aqueous solution and its application for hGH sustained release**

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**Figure S1.** Gel permeation chromatogram of PEG-PAF. N,N-dimethyl formamide was used as an eluting solvent.



**Figure S2.** Deconvolution of amide I band (FTIR spectra) of PEG-PAF aqueous solution (10.0 wt.% in D<sub>2</sub>O) at 10 °C.

