

Supplementary materials

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An Improved Procedure for the Preparation of Thrombin Low Molecular Weight Substrates - Peptide p-Nitroanilides

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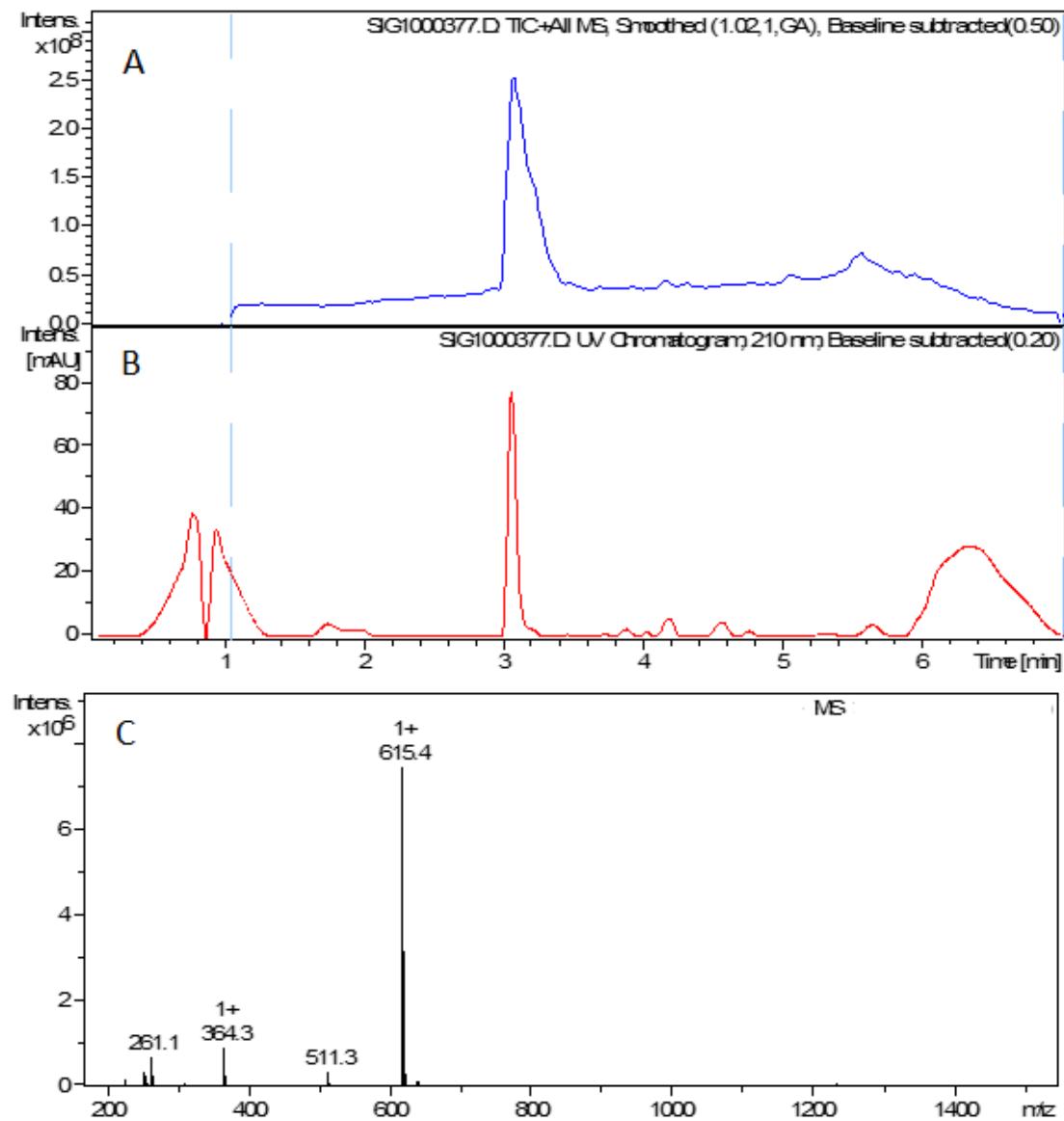


Fig. D1. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-FVR-pAA.

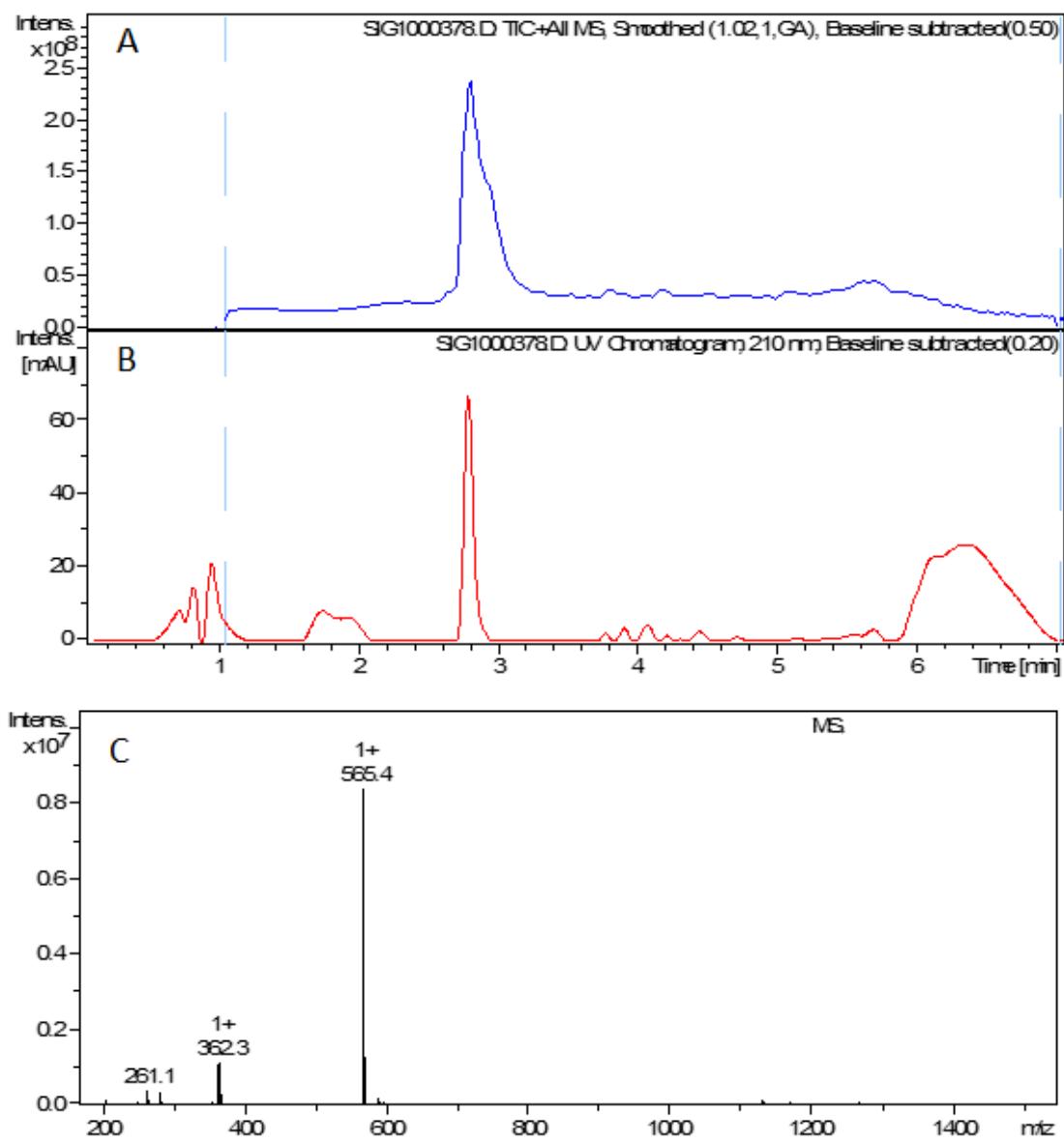


Fig. D2. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-VPR-pAA.

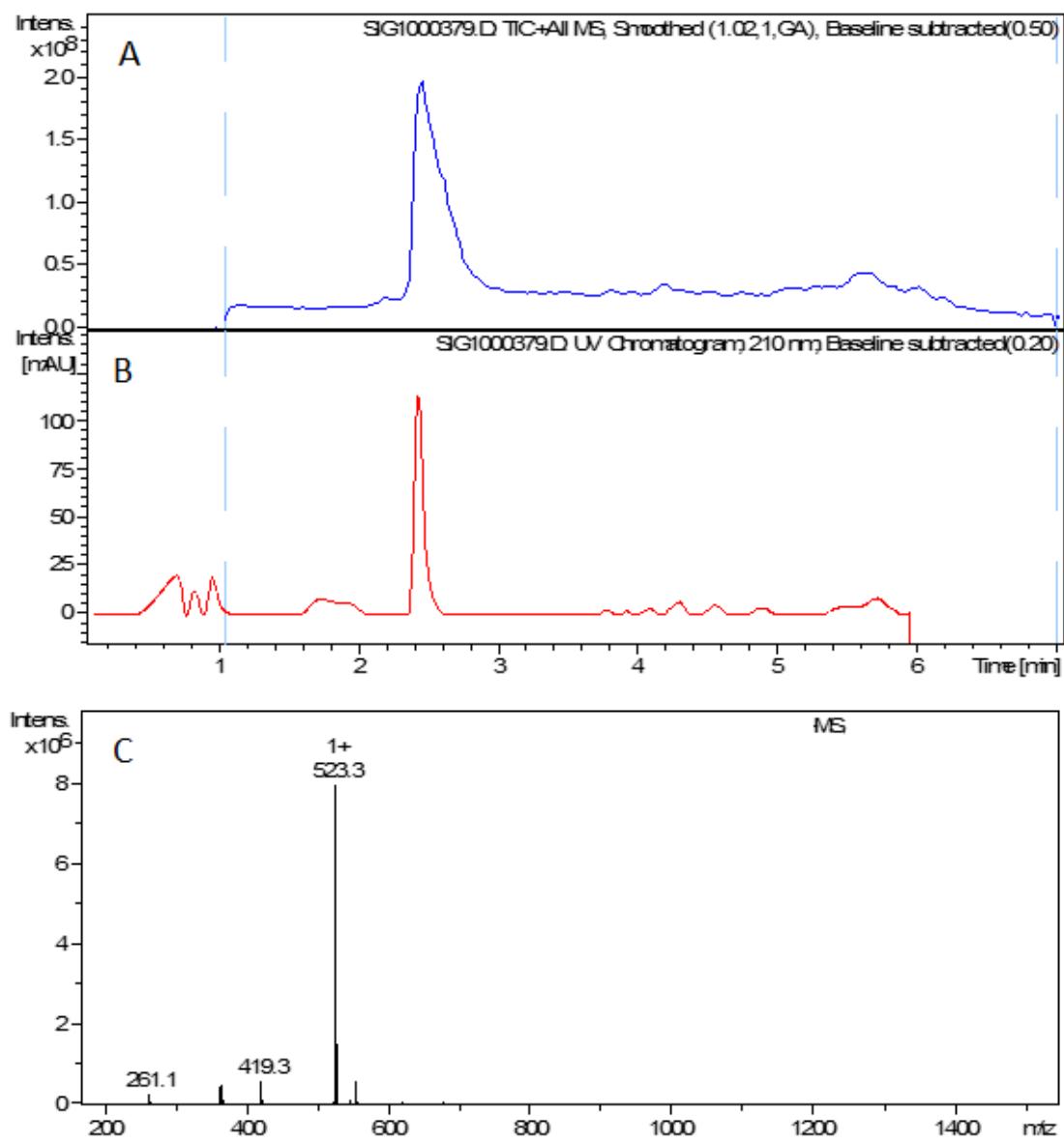


Fig. D3. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-GPR-pAA.

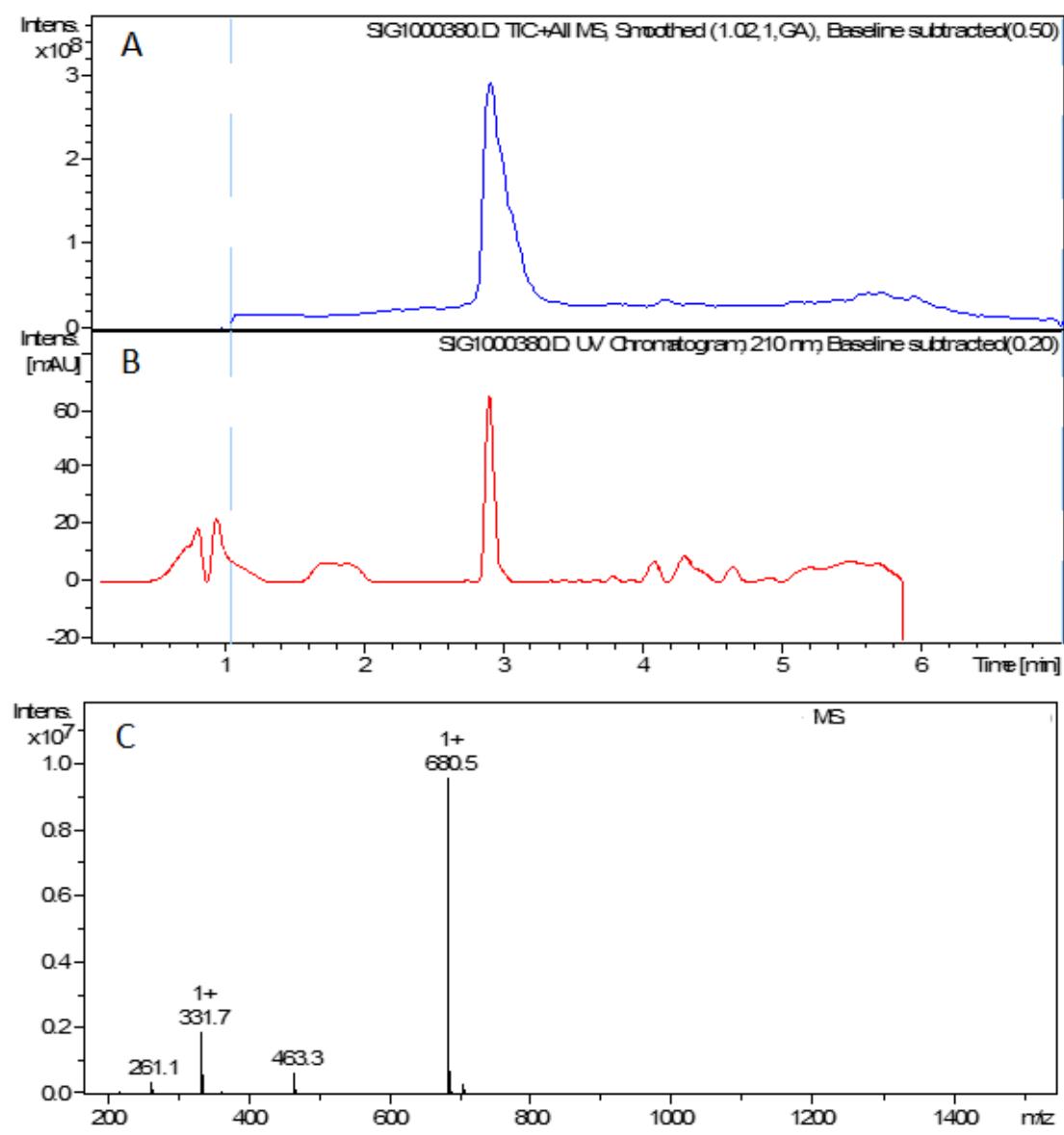


Fig. D4. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-LTPR-pAA.

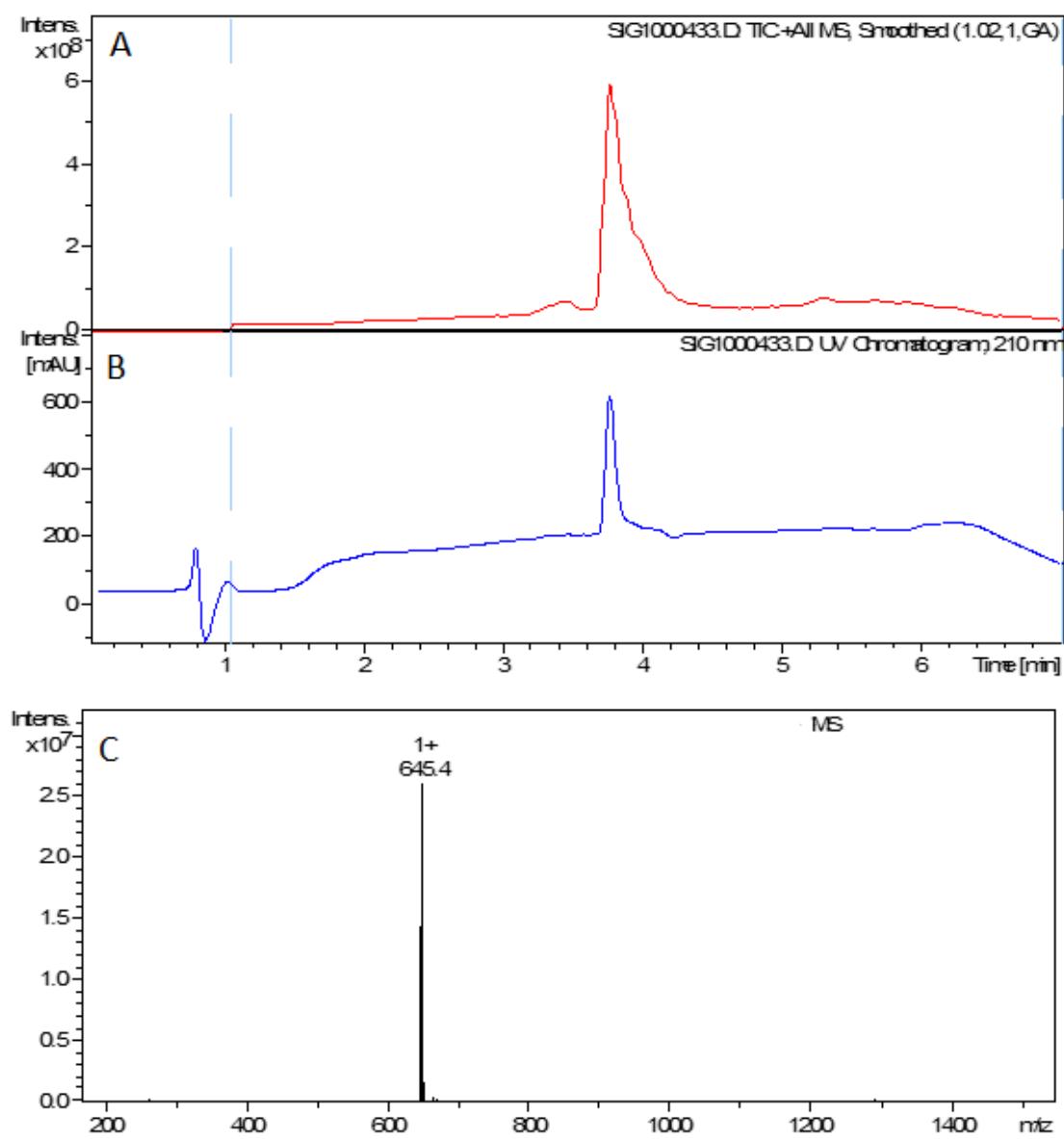


Fig. D5. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-FVR-pNA.

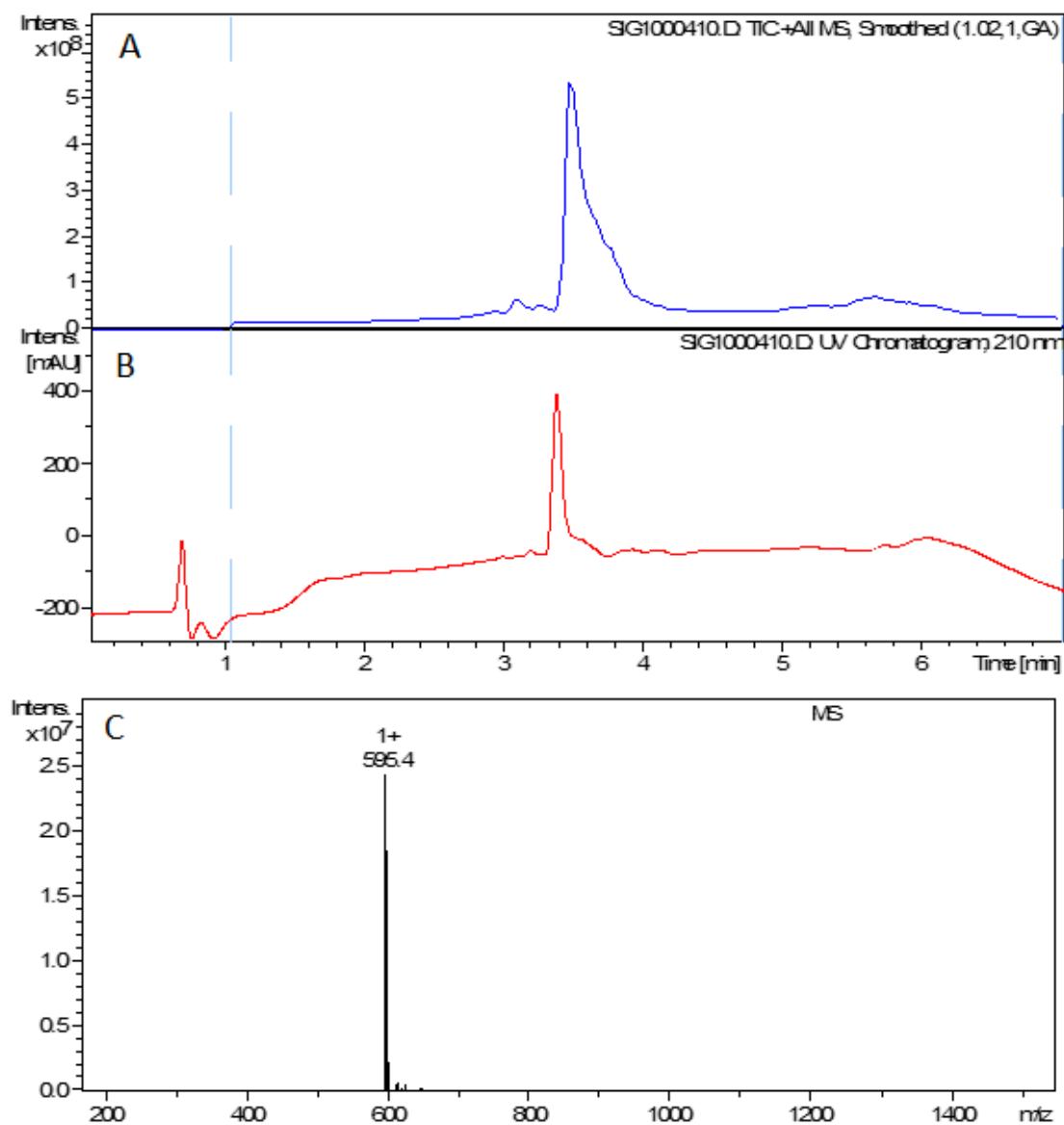


Fig. D6. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-VPR-pNA.

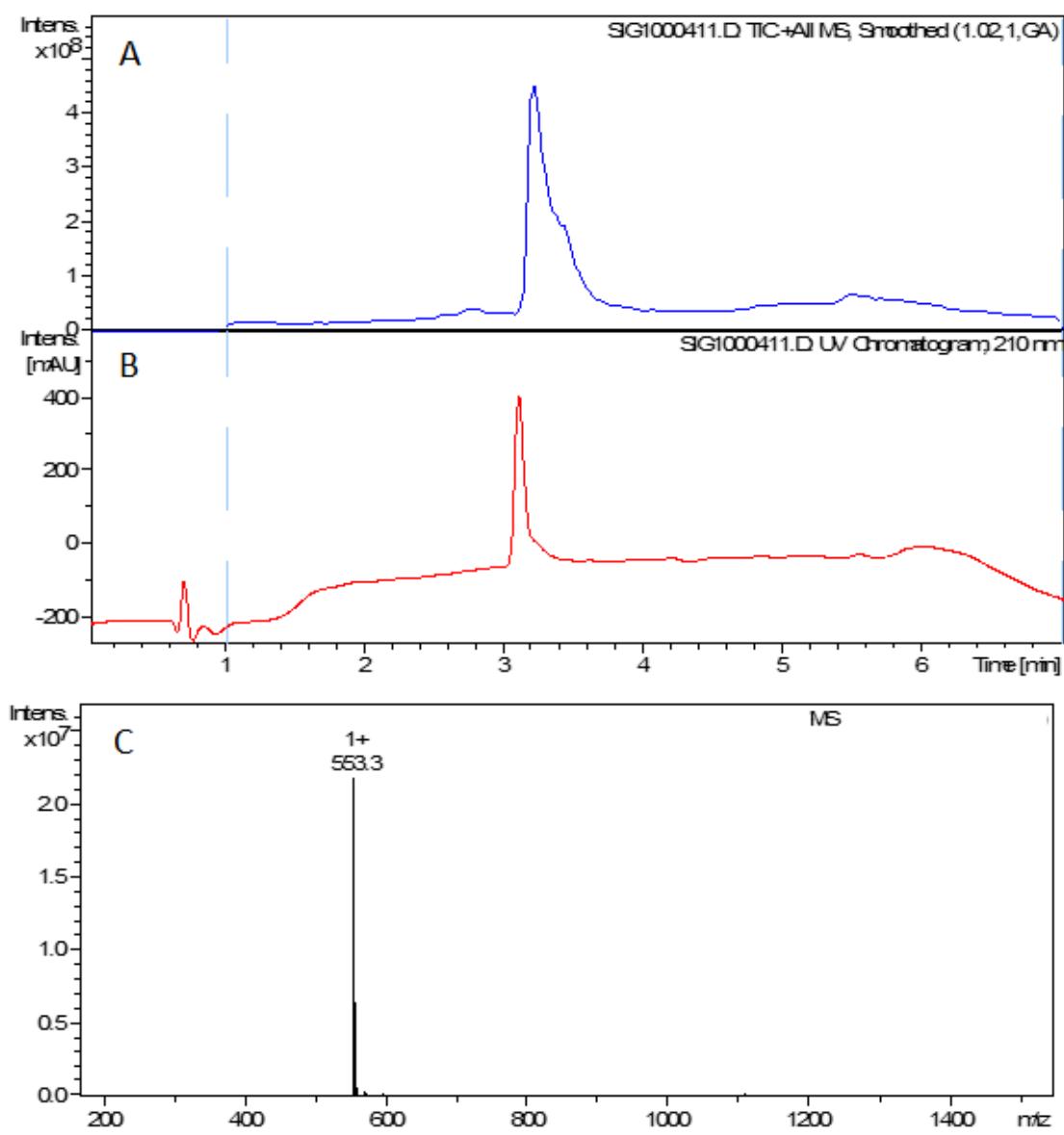


Fig. D7. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-GPR-pNA.

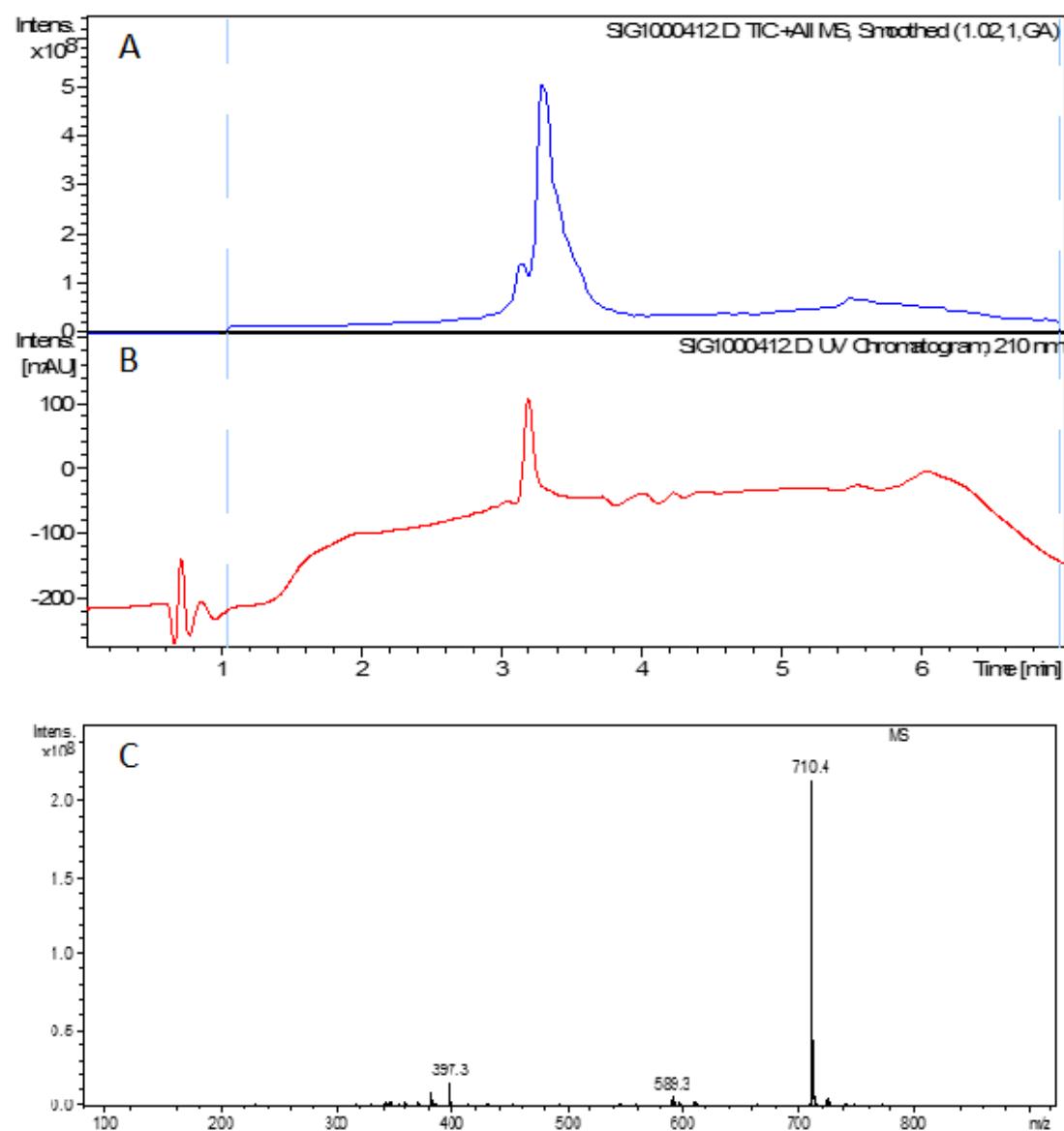


Fig. D8. Analytic chromatography with mass-spectrometric (A) and UV (210 nm) (B) detection and mass-spectrum (C) of Bz-LTPR-pNA.

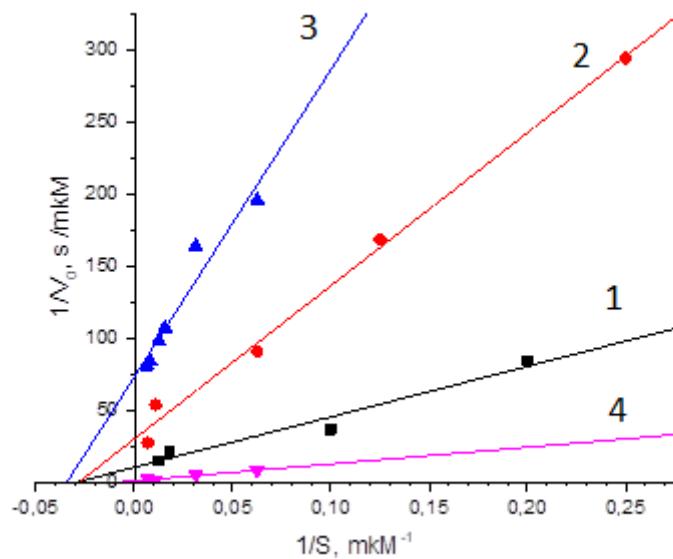


Fig. D9. Dependence of speed of substrate Bz-FVR-pNA (1), Bz-VPR-pNA (2), Bz-GPR-pNA (3) and Bz-LTPR-pNA (4) hydrolysis under the action of thrombin upon substrate concentrations in Lineweaver-Berk coordinates.