

# **Production of Prosaikogenin F, Prosaikogenin G, Saikogenin F and Saikogenin G by the recombinant enzymatic hydrolysis of Saikosaponin And their anti-cancer effect**

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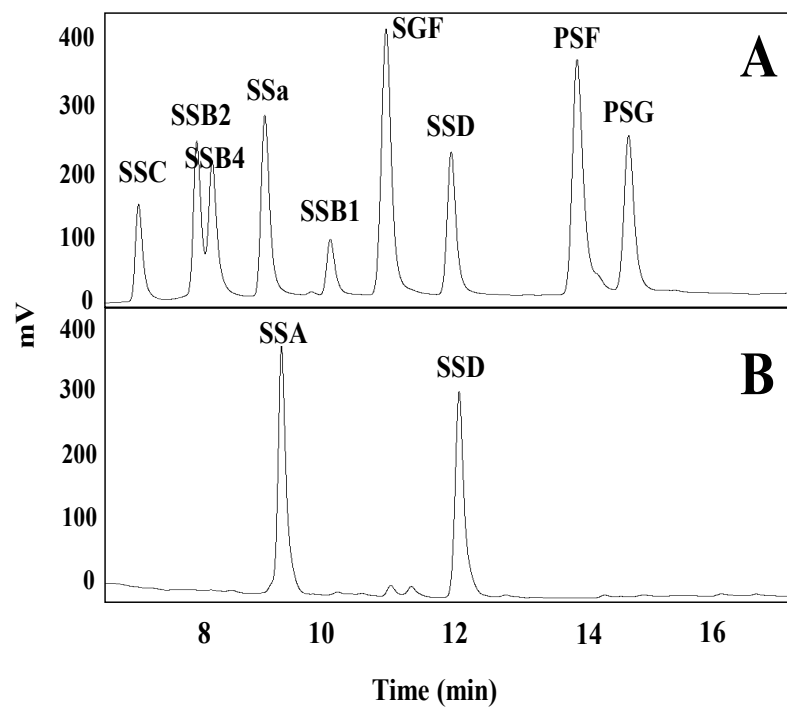
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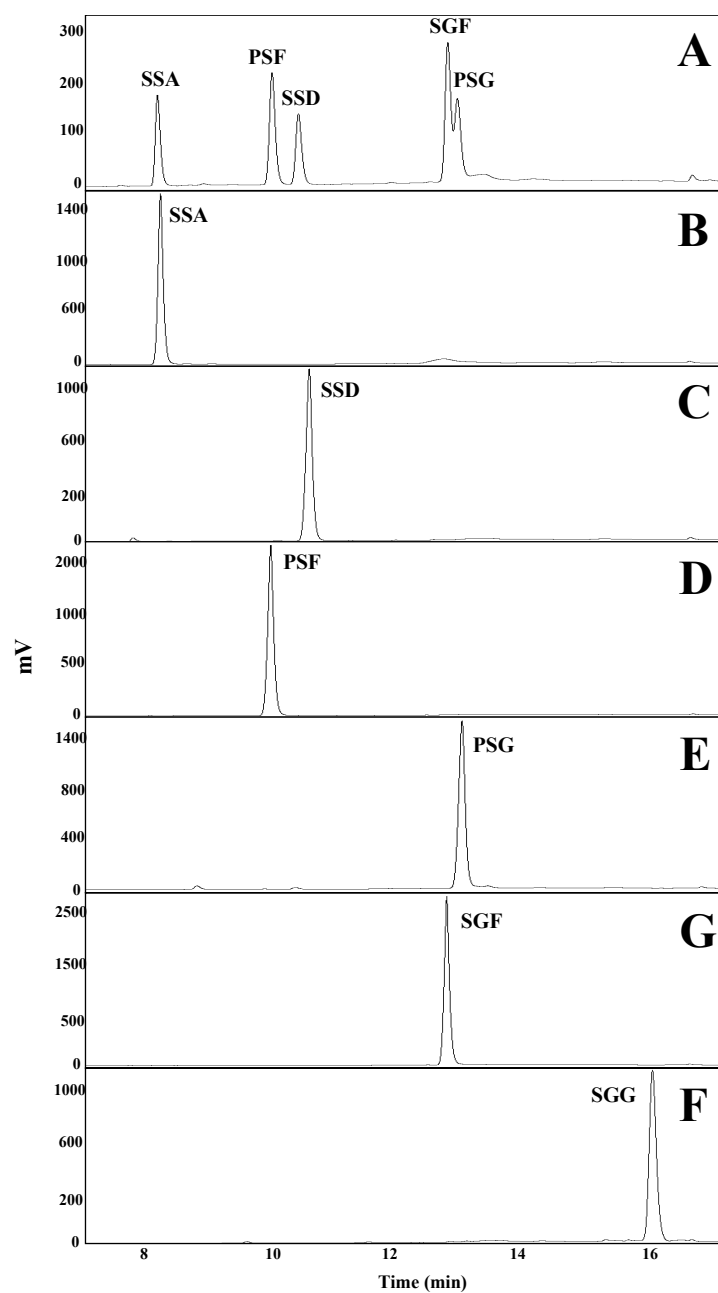
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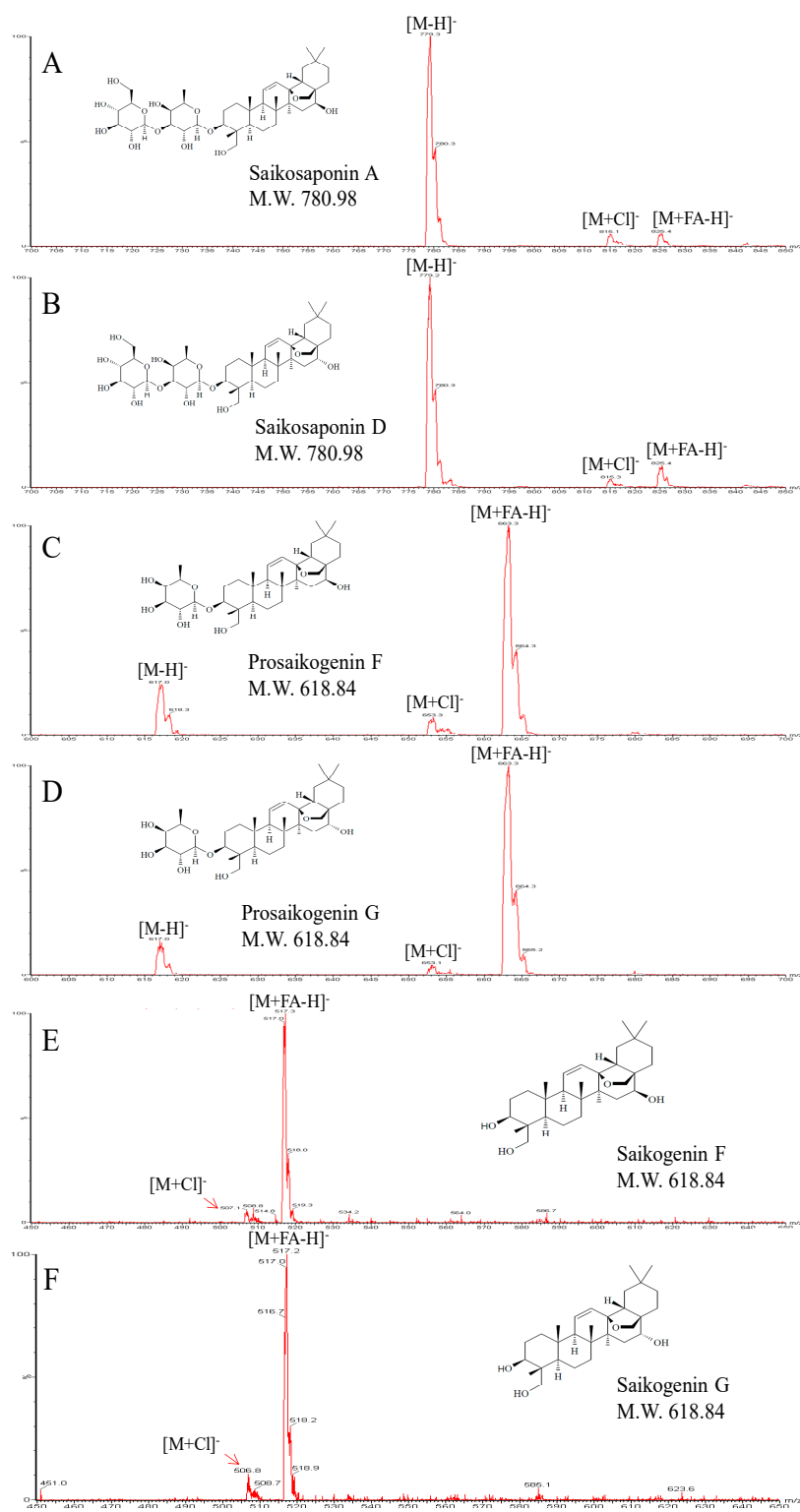


**Supplementary Figure S1.** HPLC analysis of silica purification of *Bupleurum falcatum* L. extract

**(A)** saikosaponin standard; **(B)** saikosaponin A and D mix after silica prep.



**Supplementary Figure S2.** HPLC analysis of purified saikosaponins using prep-HPLC or silica purification (A) saikosaponin standard; (B) saikosaponin A purified using prep-HPLC; (C) saikosaponin D purified using prep-HPLC; (D) prosaikogenin F purified using silica; (E) prosaikogenin G purified using silica; (G) saikogenin F purified using silica; (F) saikogenin G purified using silica.



**Supplementary Figure S3.** LC/MS spectrum of purified saikosaponins using prep-HPLC or silica purification.