

Supplementary data

Comparison of Various Solvent Extracts and Major Bioactive Components from Unsalt-fried and Salt-fried Rhizomes of *Anemarrhena asphodeloides* for Antioxidant, Anti- α -Glucosidase, and Anti-Acetylcholinesterase Activities

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Table S1. Retention time, LODs, LOQs, and regression analysis for four components of *Anemarrhena asphodeloides* (AA) in reverse-phase HPLC.

Compounds	T _m (min) ^a	Regression equation	Correlation coefficient	LOD (μg/mL) ^a	LOQ (μg/mL) ^a
Neomangiferin	28.23	y = 32979x + 5.8829	0.9999	0.18	0.56
Timosaponin AIII	31.37	y = 1.3673x - 1.6725	0.9999	0.20	0.48
Isomangiferin	33.25	y = 4.1050x - 2.0690	0.9998	0.10	0.43
Mangiferin	59.82	y = 3.7650x + 5.2980	0.9997	0.16	0.50

^a T_m: Retention time; LOD: Limit of detection; LOQ: Limit of quantification

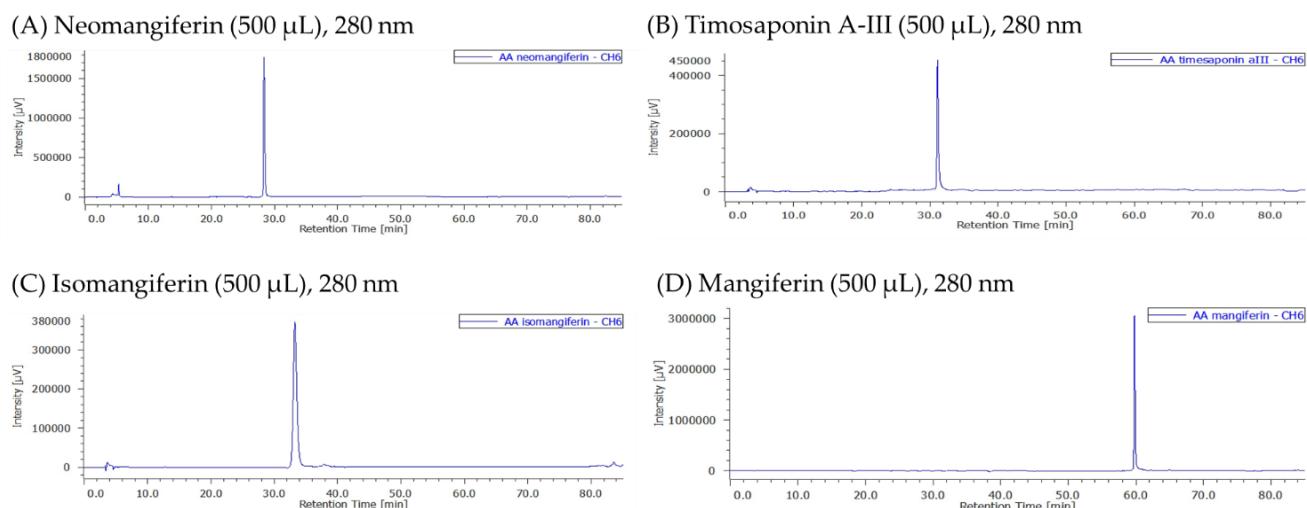


Figure S1. Reverse-phase HPLC chromatogram of isolated pure compounds (A to D).

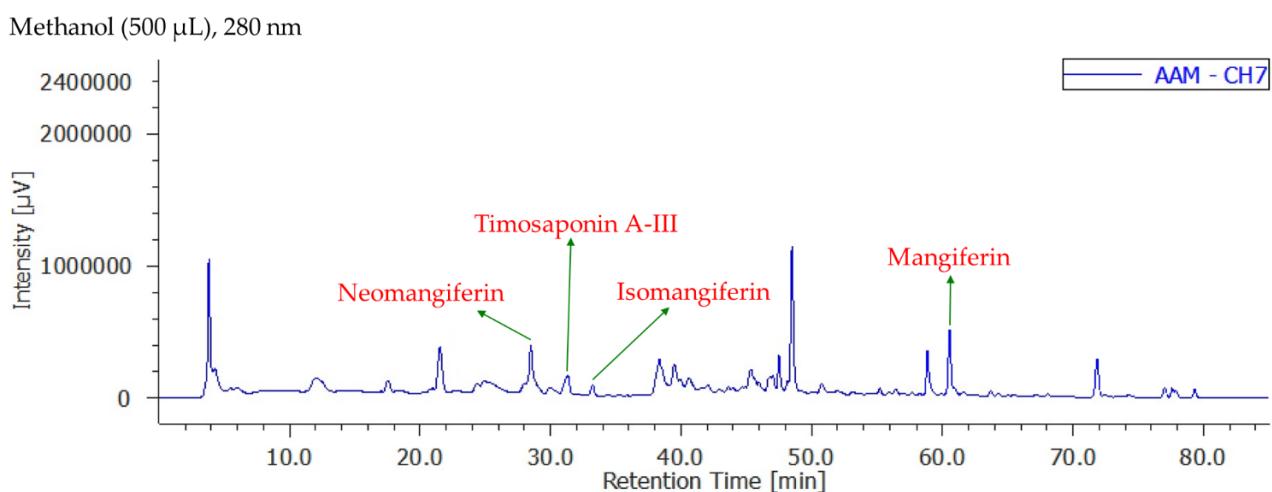


Figure S2. Reverse-phase HPLC chromatogram of methanol extract in AA.

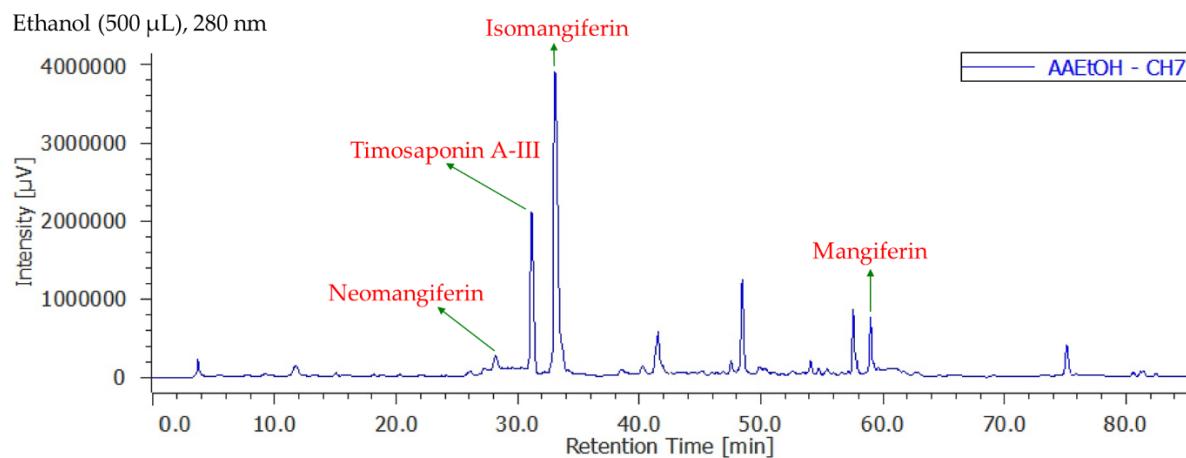


Figure S3. Reverse-phase HPLC chromatogram of ethanol extract in AA.

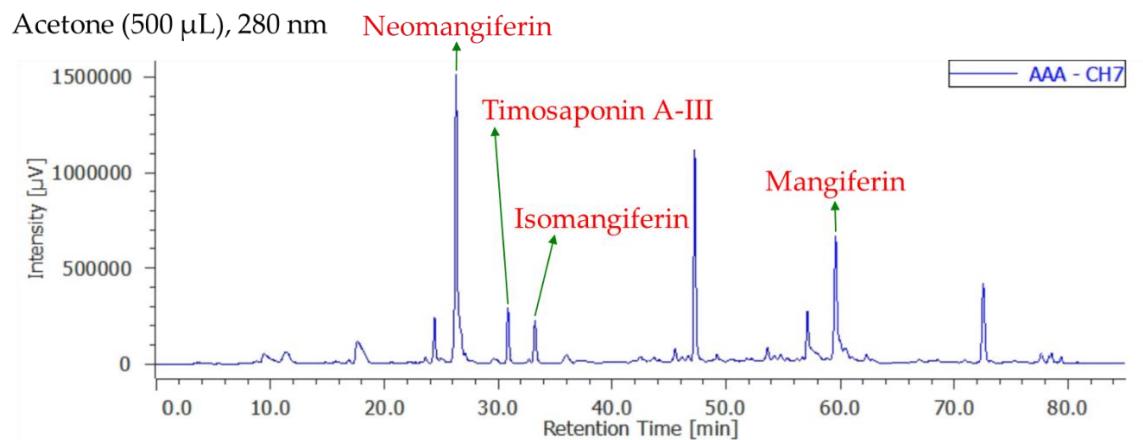


Figure S4. Reverse-phase HPLC chromatogram of acetone extract in AA.

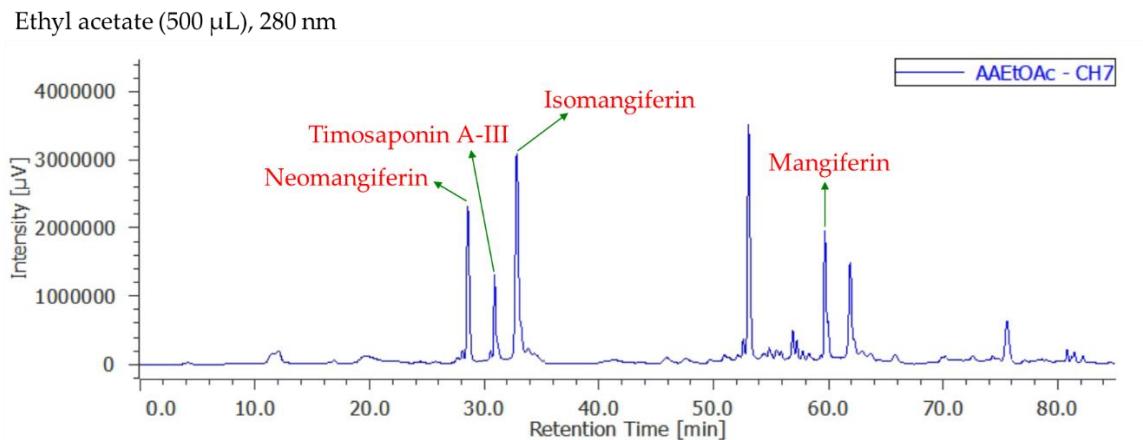


Figure S5. Reverse-phase HPLC chromatogram of ethyl acetate extract in AA.

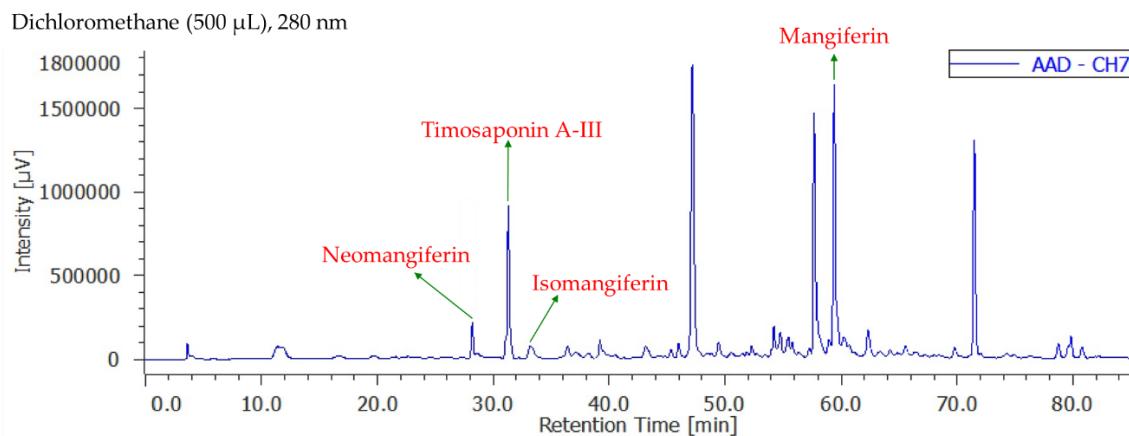


Figure S6. Reverse-phase HPLC chromatogram of dichloromethane extract in AA.

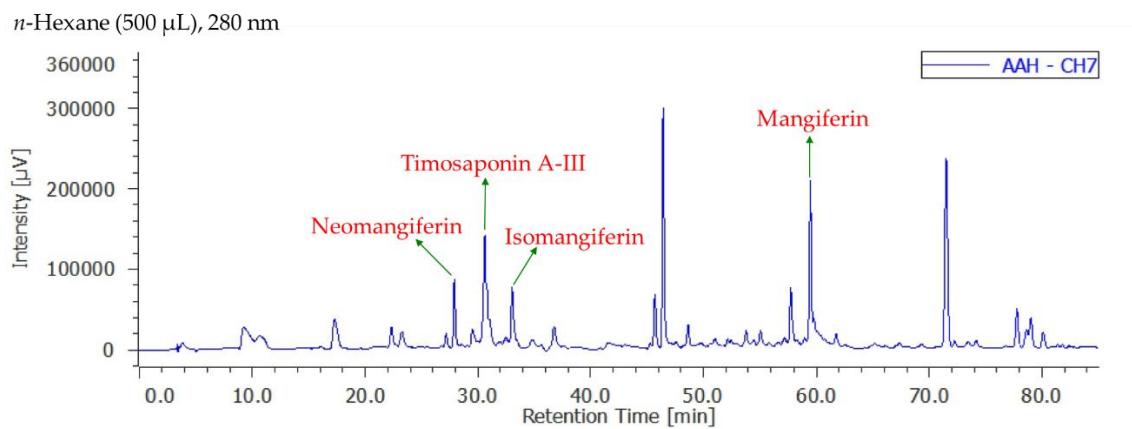


Figure S7. Reverse-phase HPLC chromatogram of *n*-hexane extract in AA.

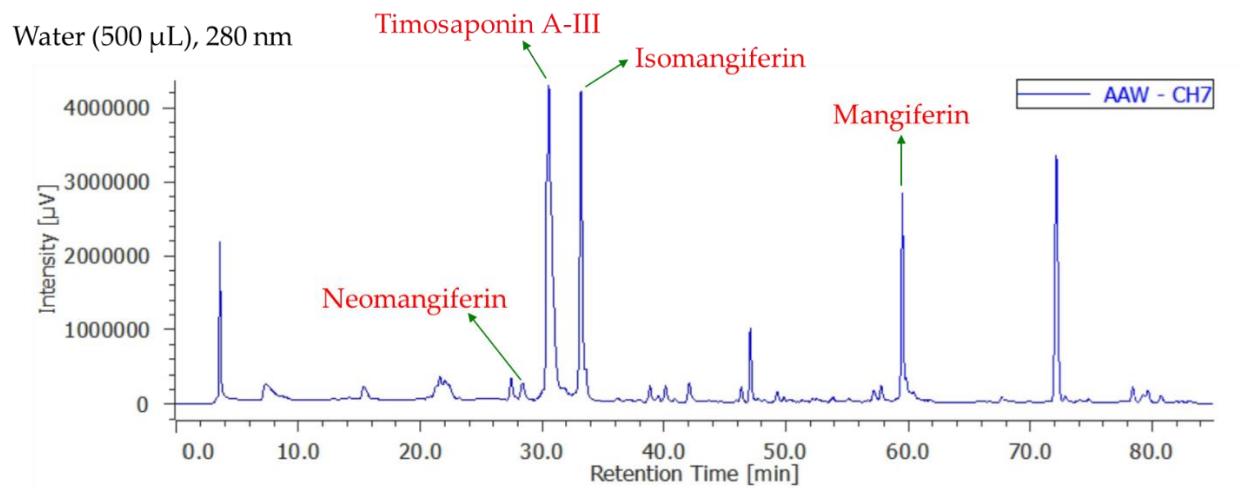


Figure S8. Reverse-phase HPLC chromatogram of water extract in AA.

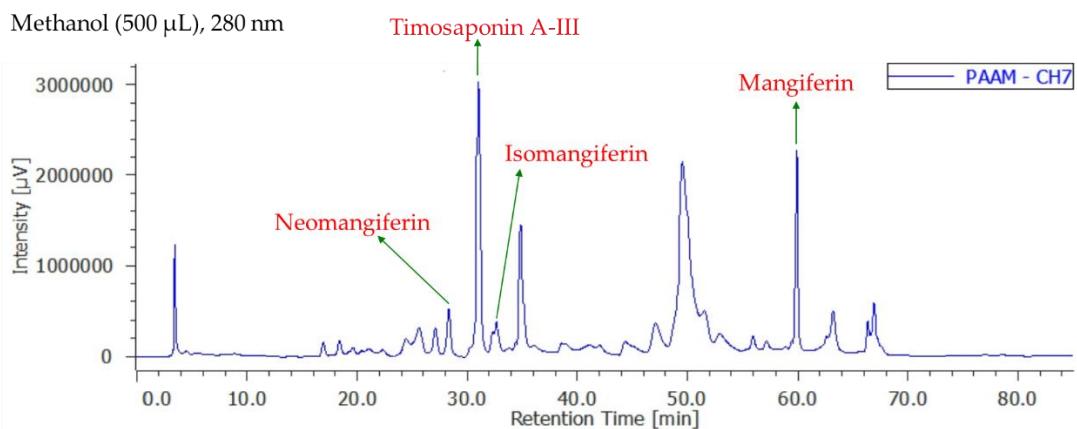


Figure S9. Reverse-phase HPLC chromatogram of methanol extract in salt-fried AA.

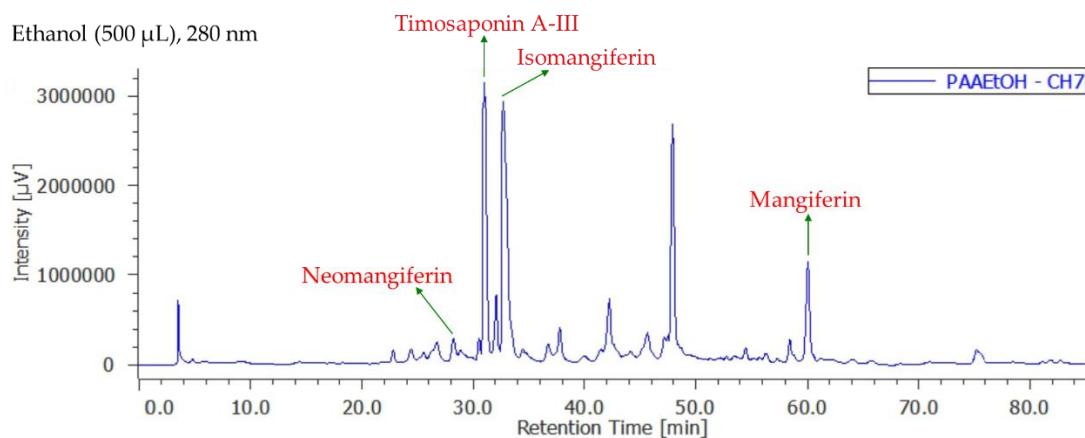


Figure S10. Reverse-phase HPLC chromatogram of ethanol extract in salt-fried AA.

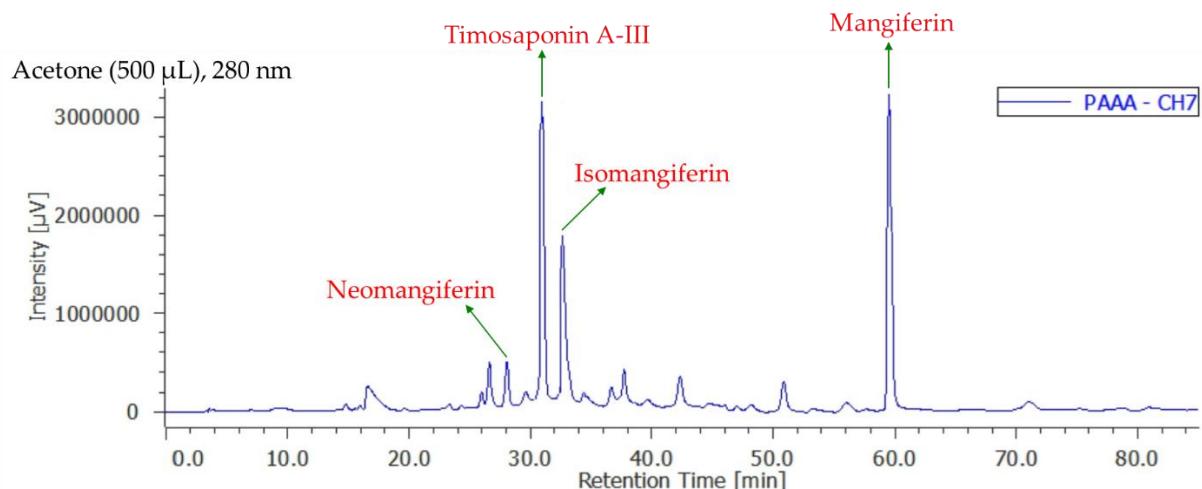


Figure S11. Reverse-phase HPLC chromatogram of acetone extract in salt-fried AA.

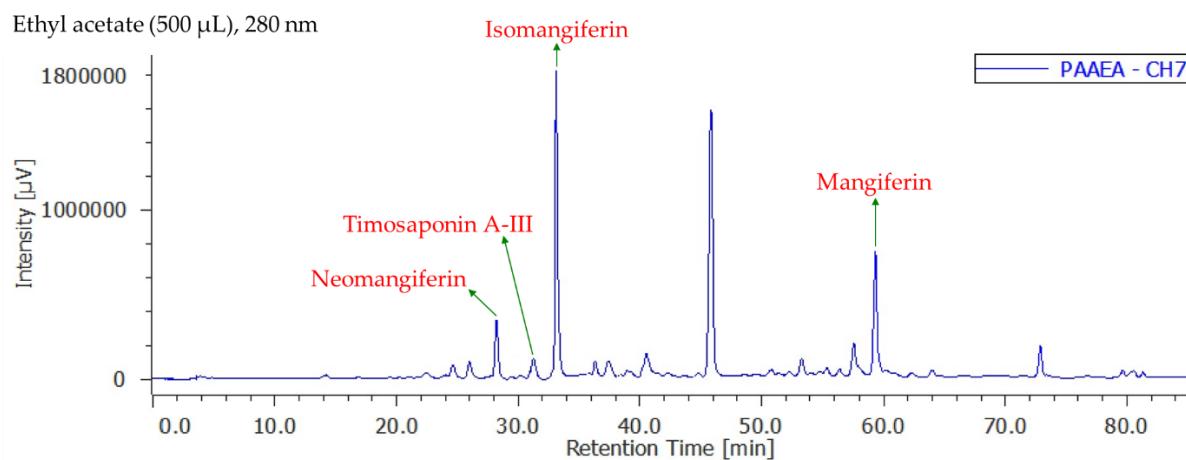


Figure S12. Reverse-phase HPLC chromatogram of ethyl acetate extract in salt-fried AA.

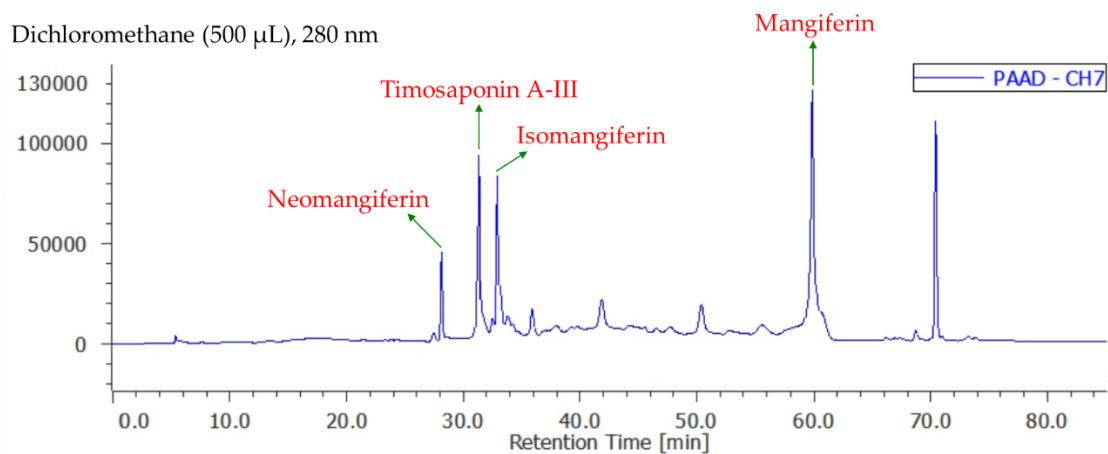


Figure S13. Reverse-phase HPLC chromatogram of dichloromethane extract in salt-fried AA.

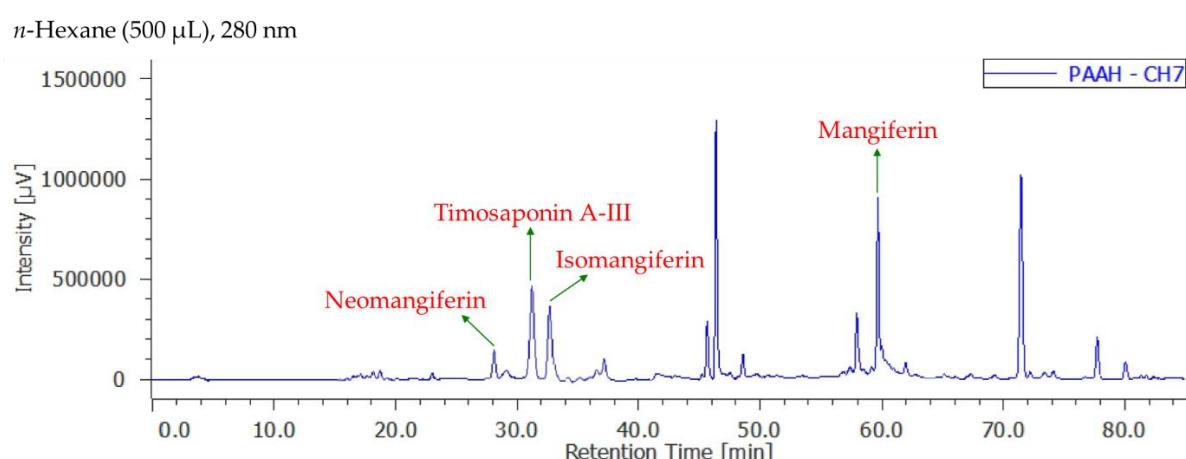


Figure S14. Reverse-phase HPLC chromatogram of *n*-hexane extract in salt-fried AA.

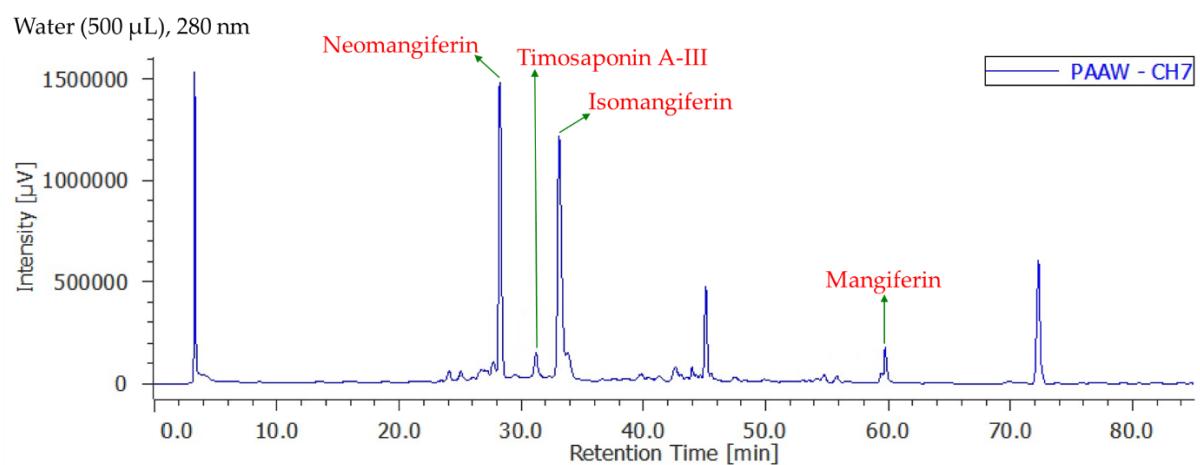


Figure S15. Reverse-phase HPLC chromatogram of water extract in salt-fried AA.