

Supplementary data

Antioxidant and Anti- α -glucosidase Activities of Various Solvent Extracts and Major Bioactive Components from the Fruits of *Crataegus pinnatifida*

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Table S1. Retention time, LODs, LOQs, and regression analysis for four components in *Crataegus pinnatifida* in reverse-phase.

Compounds	T _m (min) ^a	Regression equation	Correlation coefficient	LOD (μg/mL) ^a	LOQ (μg/mL) ^a
Epicatechin	4.06	y = 32979x+5882.9	0.9999	0.20	0.67
Chlorogenic acid	37.37	y = 45096x-3594.4	0.9999	0.15	0.50
Hyperoside	47.12	y = 97065x+4134.8	0.9998	0.10	0.33
Procyanidin B2	101.20	y = 101724x+6159.5	0.9997	0.12	0.40

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

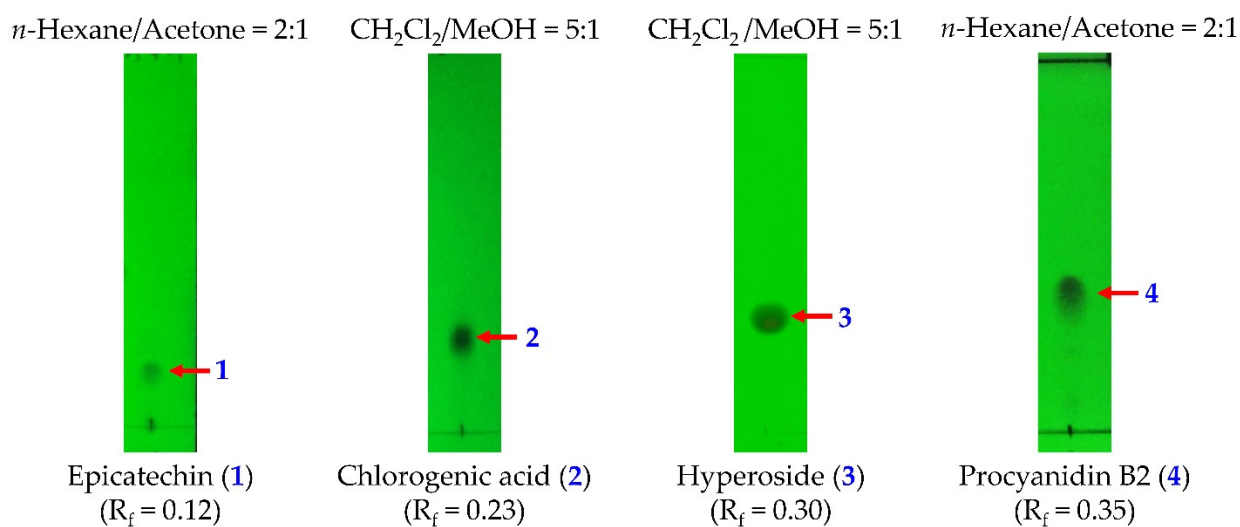
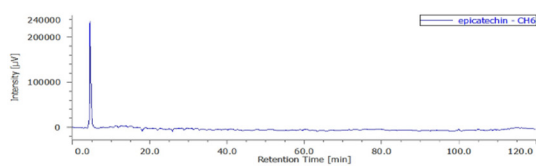
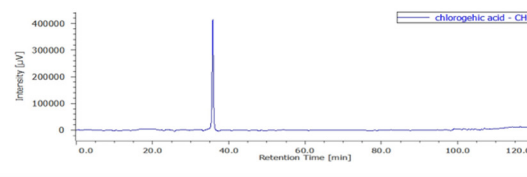


Figure S1. The TLC graphs of isolated compounds.

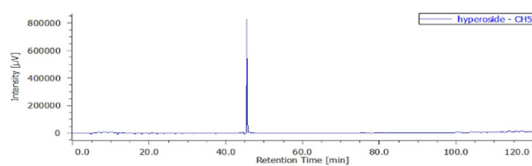
(A) Epicatechin (500 μL), 280 nm



(B) Chlorogenic acid (500 μL), 280 nm



(C) Hyperoside (500 μL), 280 nm



(D) Procyanidin B2 (500 μL), 280 nm

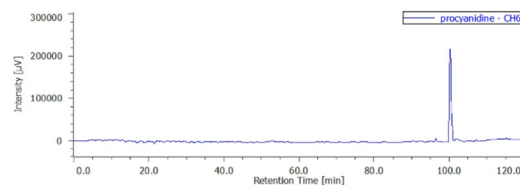


Figure S2. Reverse-phase HPLC chromatogram of isolated pure compounds (A to D).

Methanol (500 μ L), 280 nm

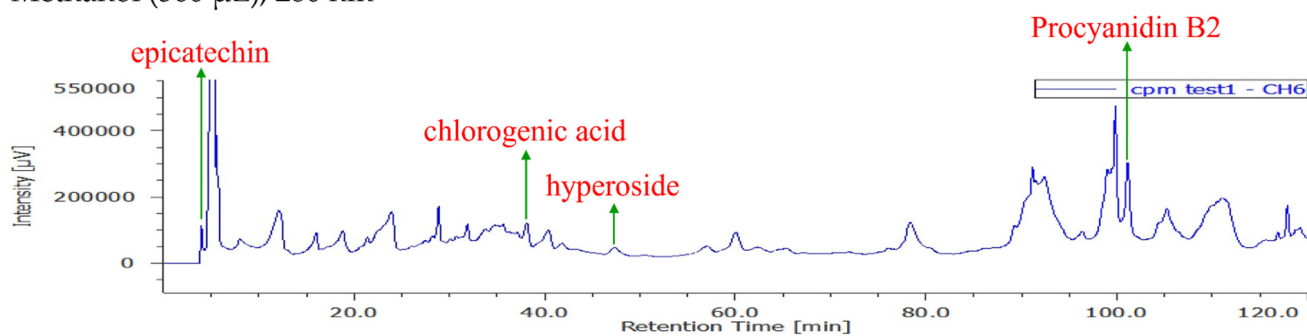


Figure S3. Reverse-phase HPLC chromatogram of methanol extract.

Ethanol (500 μ L), 280 nm

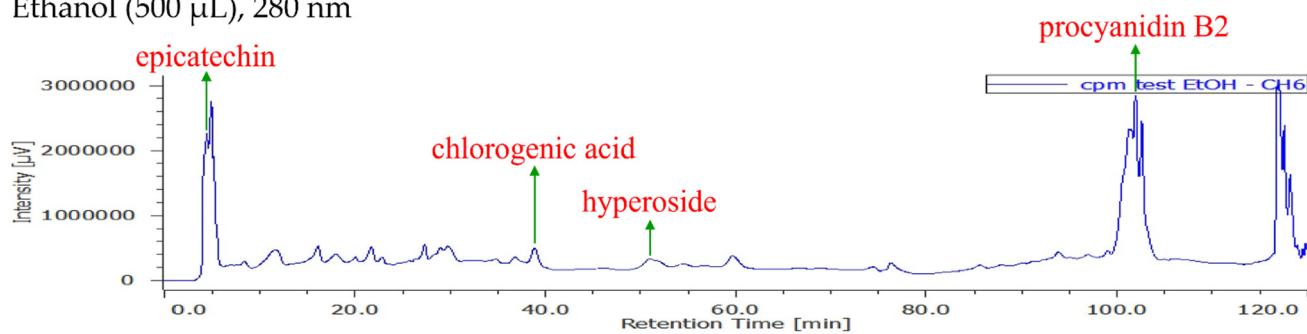


Figure S4. Reverse-phase HPLC chromatogram of ethanol extract.

Acetone (500 μ L), 280 nm

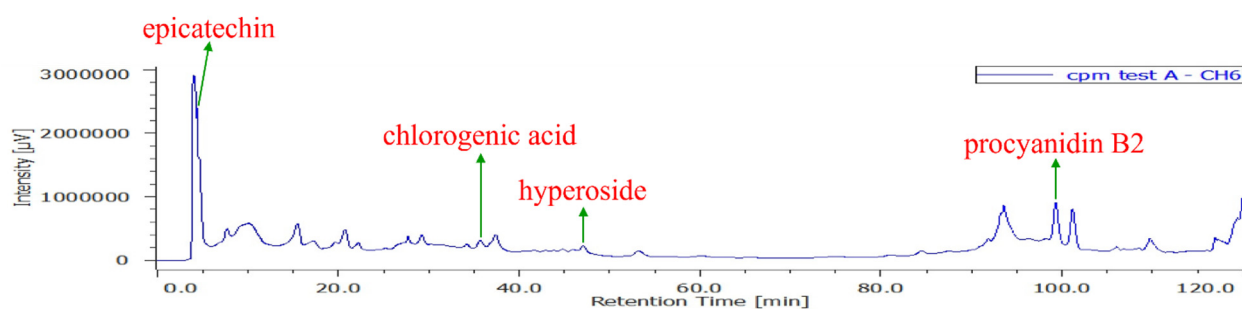


Figure S5. Reverse-phase HPLC chromatogram of acetone extract.

Ethyl acetate (500 μ L), 280 nm

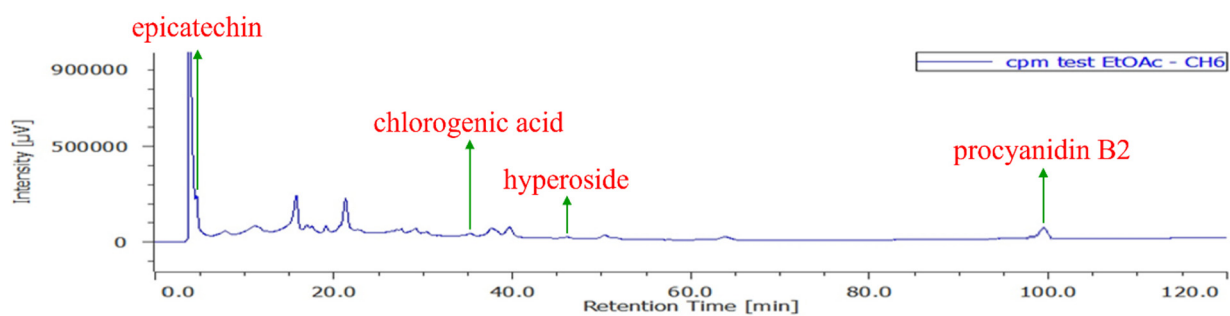


Figure S6. Reverse-phase HPLC chromatogram of ethyl acetate extract.

Dichloromethane (500 μ L), 280 nm

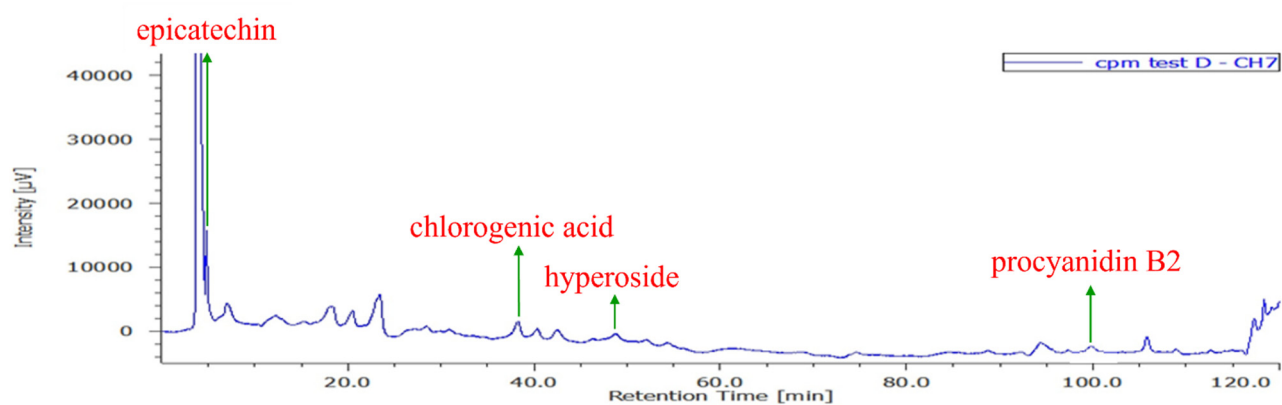


Figure S7. Reverse-phase HPLC chromatogram of dichloromethane extract.

Chloroform (500 μ L), 280 nm

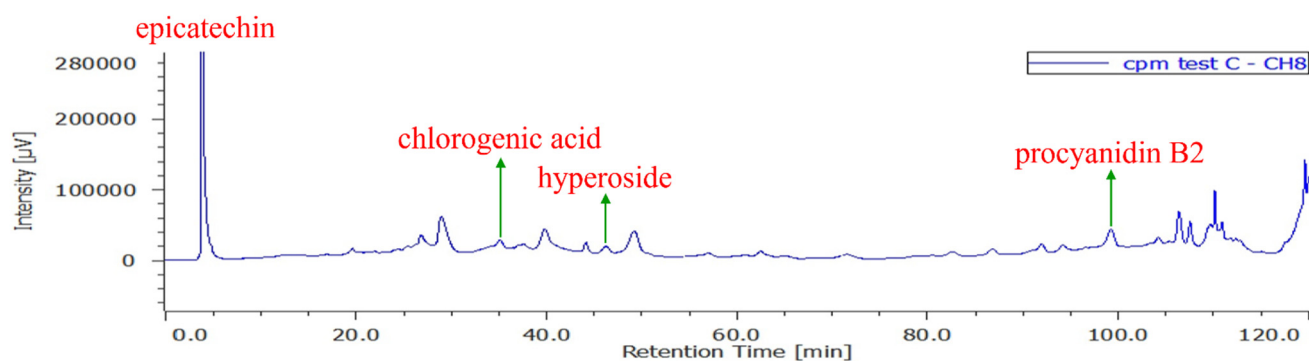


Figure S8. Reverse-phase HPLC chromatogram of chloroform extract.

n-Hexane (500 μ L), 280 nm

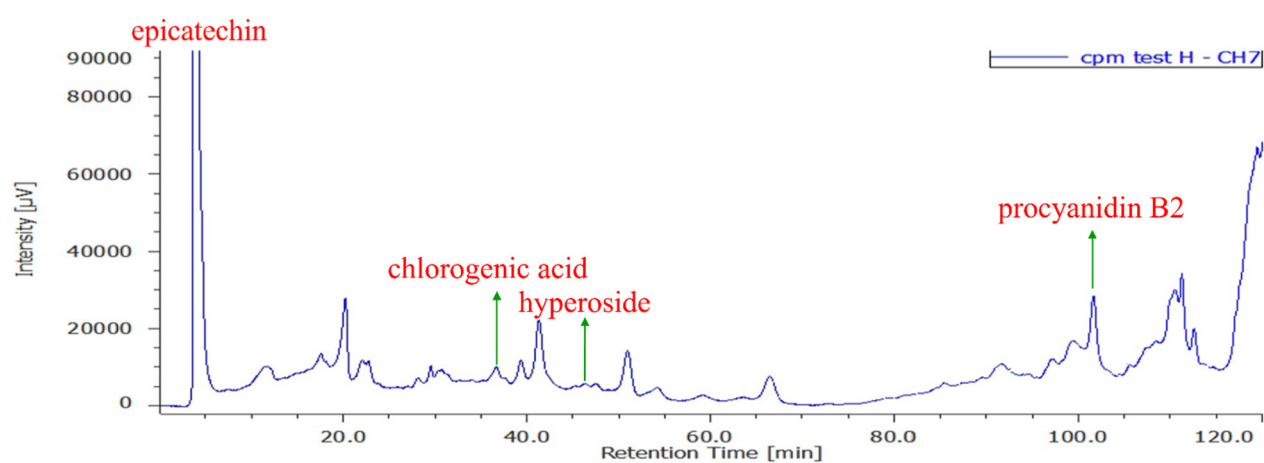


Figure S9. Reverse-phase HPLC chromatogram of *n*-hexane extract.