Supplementary Materials: Peltomexicanin, a Peltogynoid Quinone Methide from *Peltogyne Mexicana* Martínez Purple Heartwood

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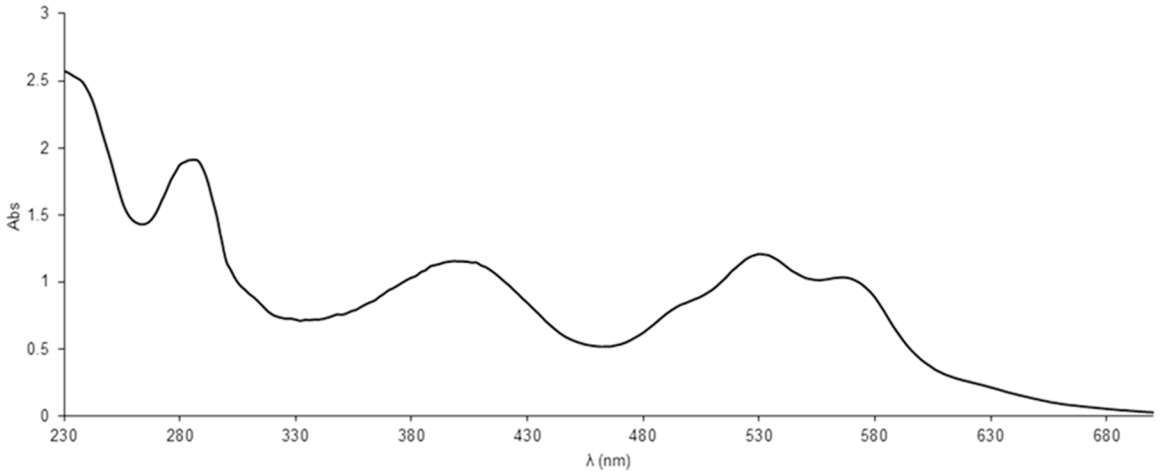

Figure S1. UV-Vis absorption spectrum of peltomexicanin (0.125 mg/mL) in MeOH.

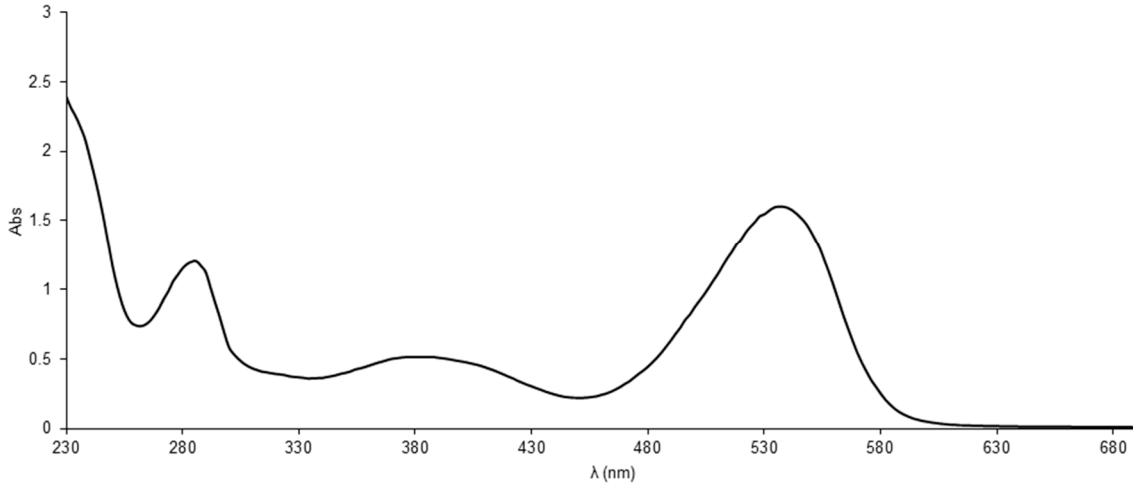

Figure S2. UV-Vis absorption spectrum of peltomexicanin (0.125 mg/mL) in MeOH + HCl (0.1 M).

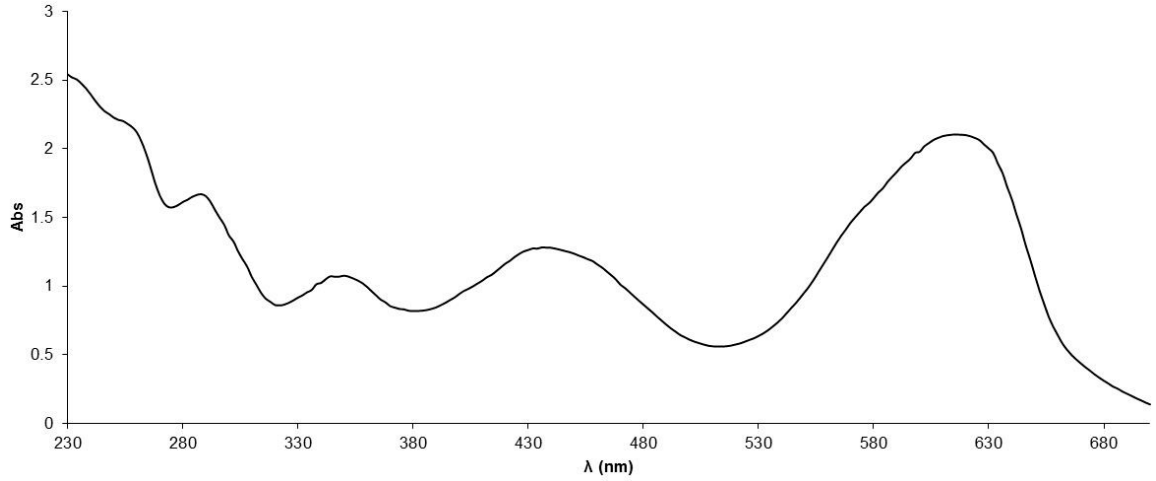

Figure S3. UV-Vis absorption spectrum of peltomexicanin (0.125 mg/mL) in MeOH + NaOH (0.1 M).

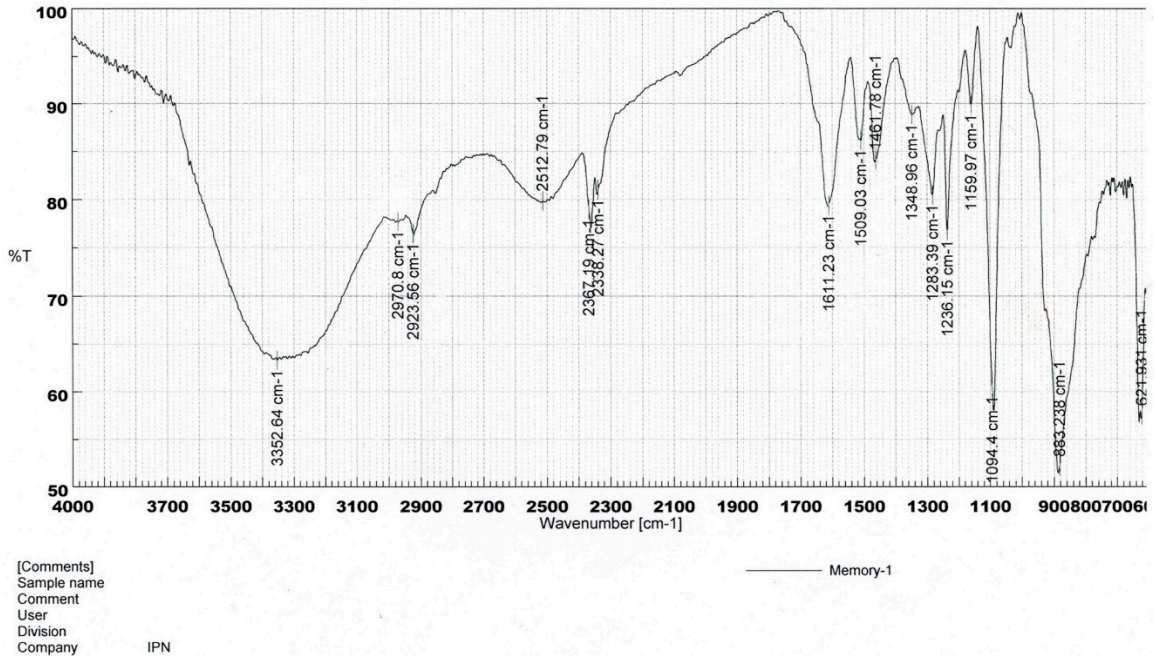

Figure S4. IR sprectrum of peltomexicanin.

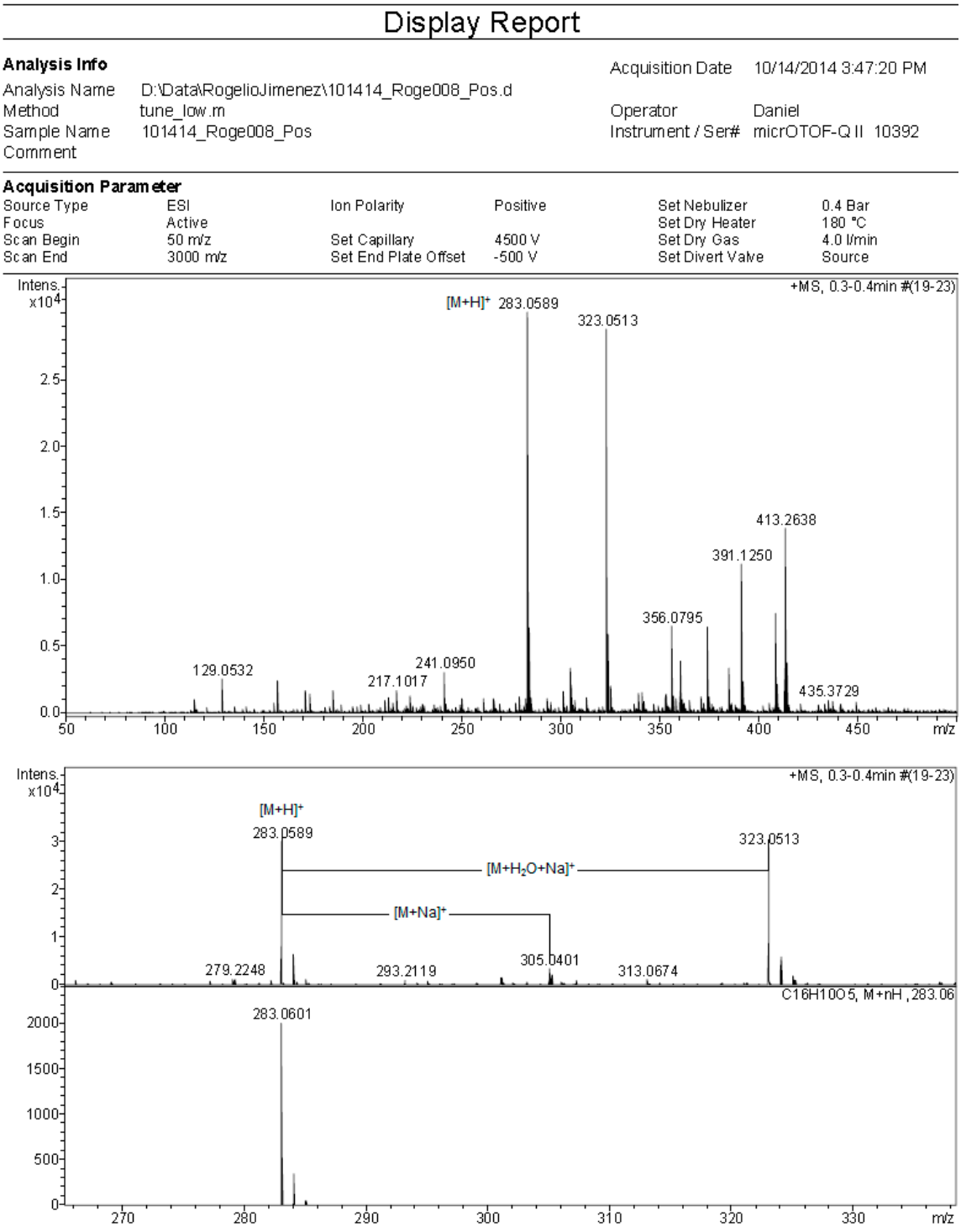

Figure S5. ESI-MS spectrum (positive mode) of peltomexicanin.

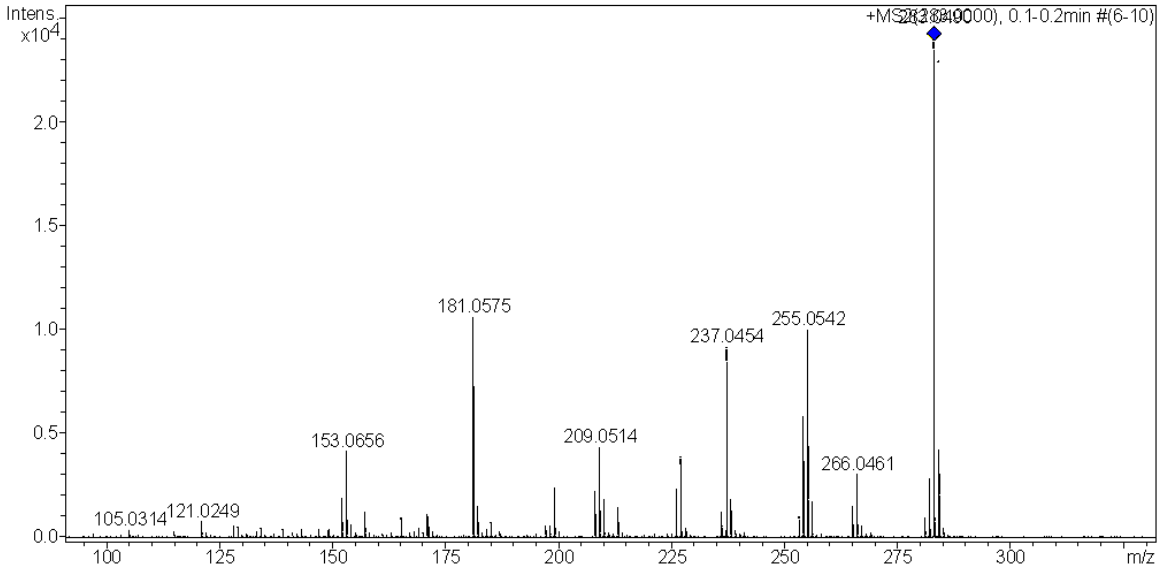

Figure S6. Spectrum MS/MS (positive mode) of $[M + H]^+$ ion at *m*/*z* 283.0589.

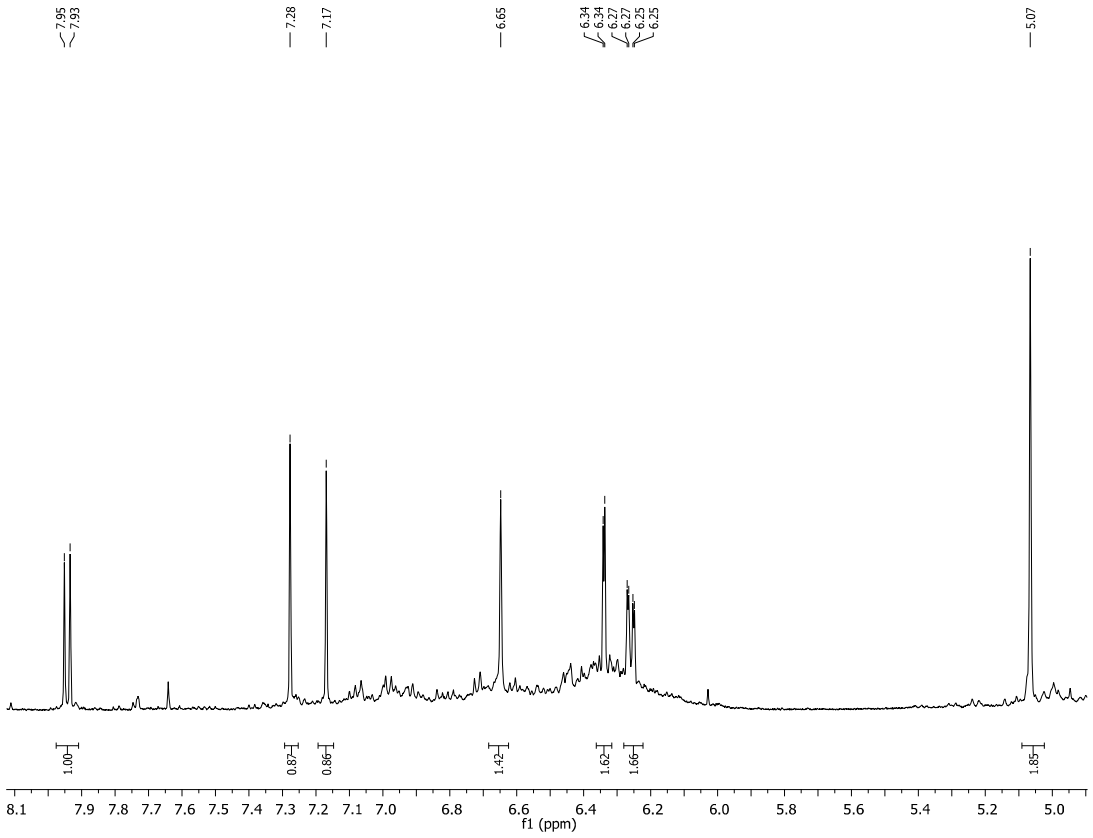

Figure S7. Spectrum ^{1}H-RMN (500 MHz, MeOH-d_4).

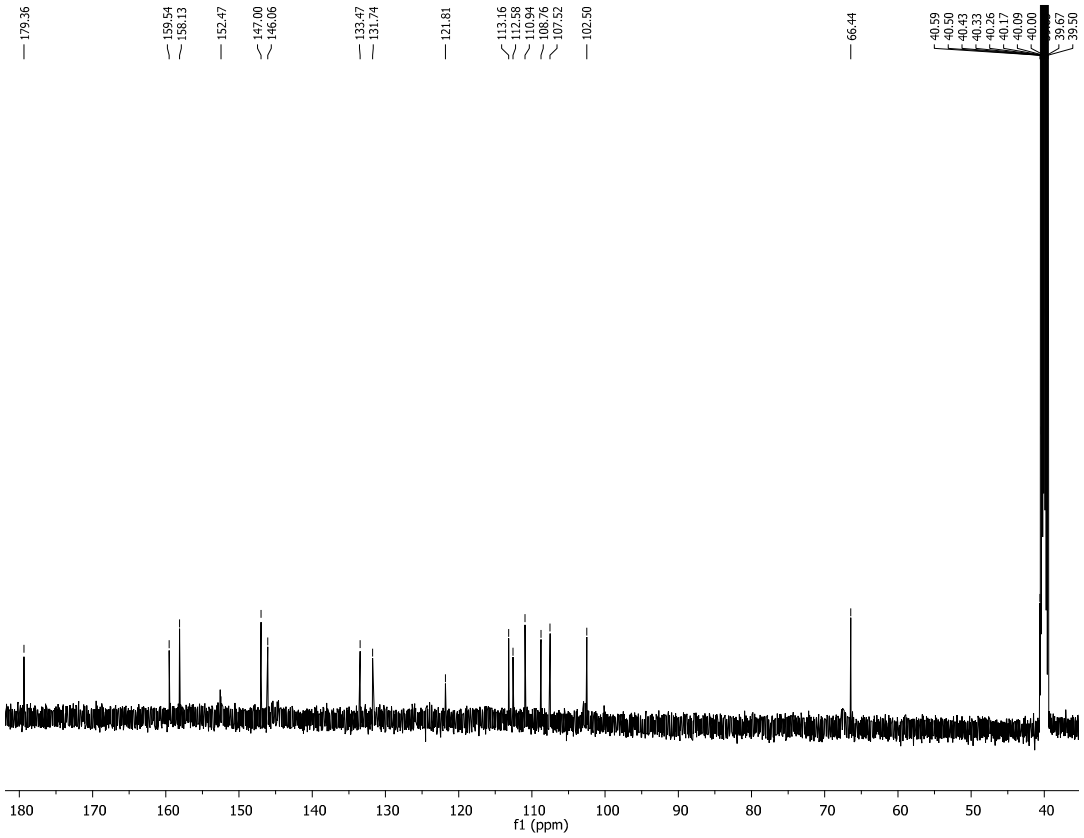

Figure S8. Spectrum ^{13}C-RMN (125 MHz,MeOH-d_4).

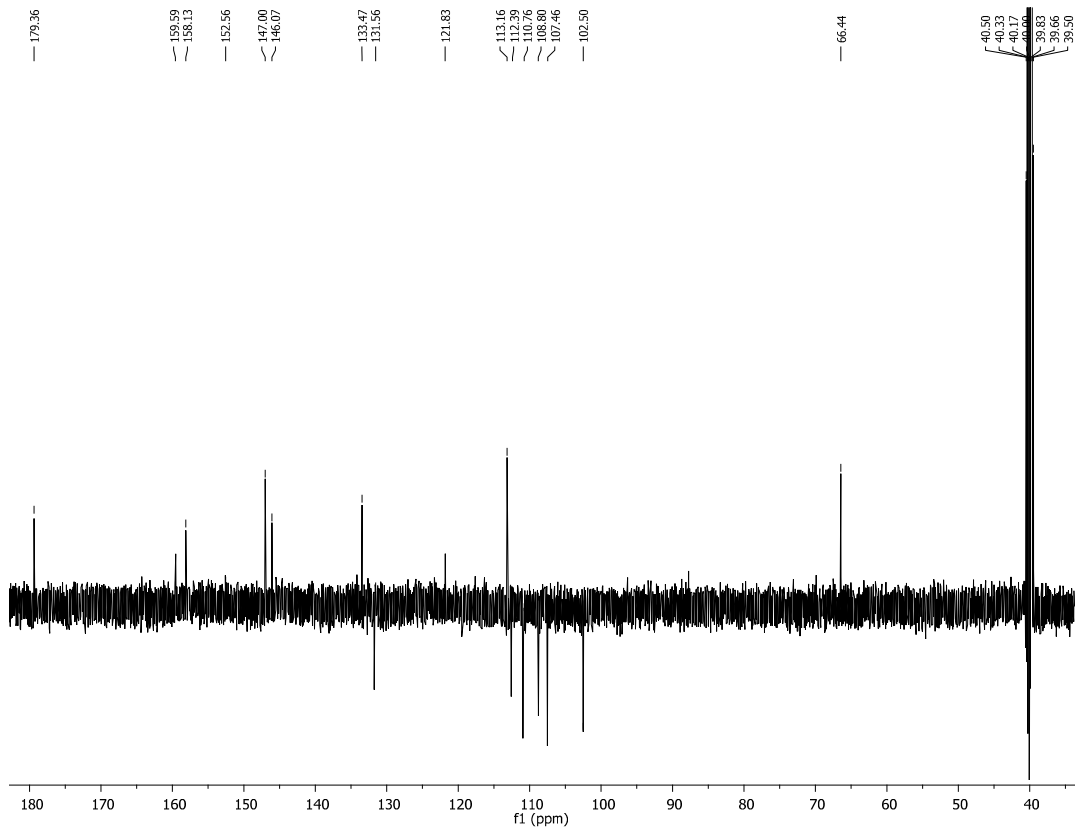

Figure S9. Spectrum ^{13}C-RMN APT (500 MHz,MeOH-d_4).

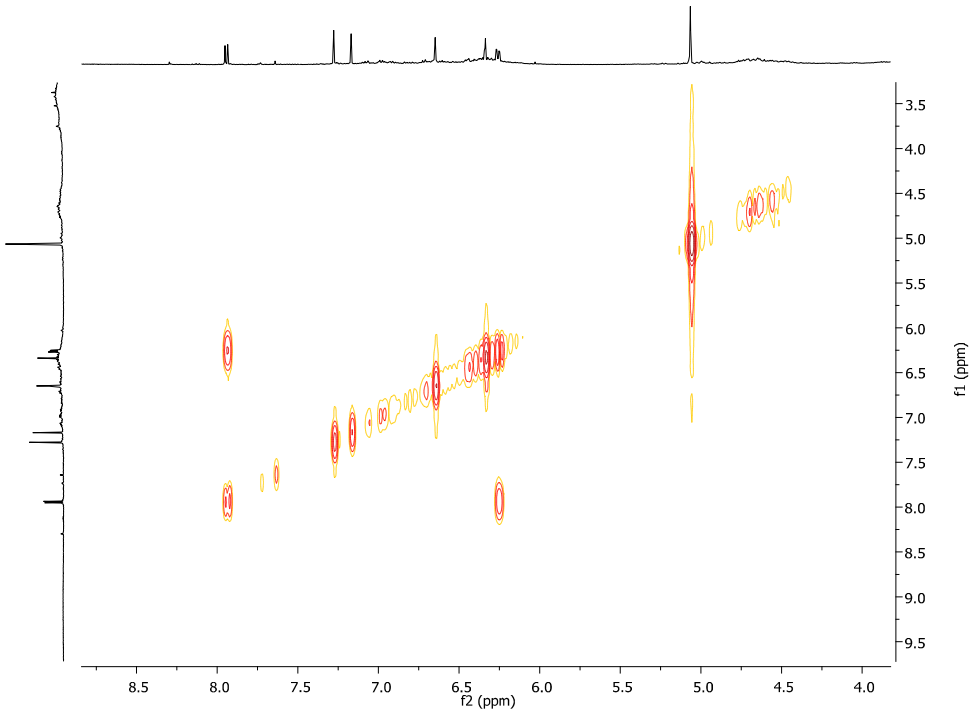

Figure S10. Spectrum COSY.

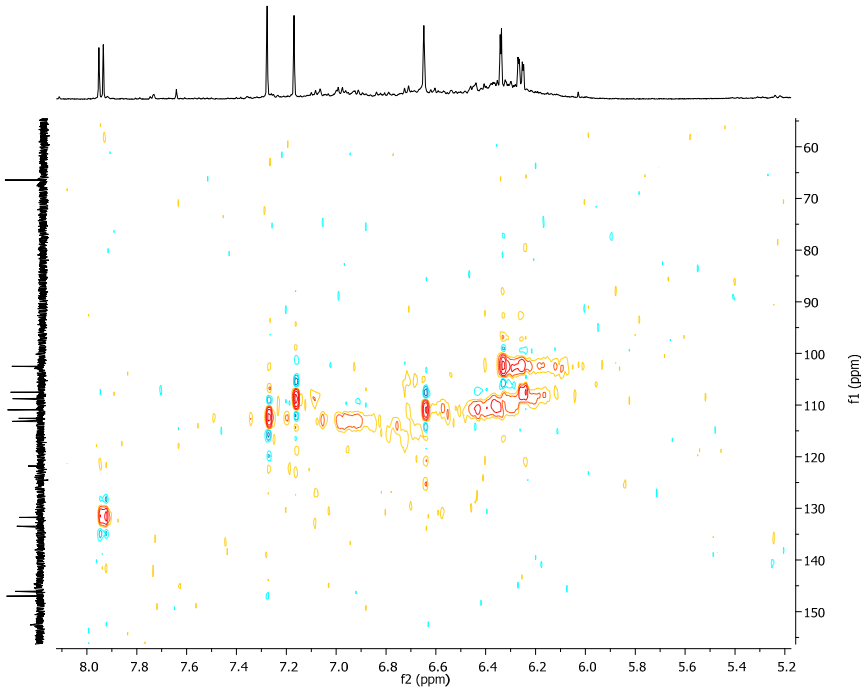

Figure S11. Spectrum HSQC.

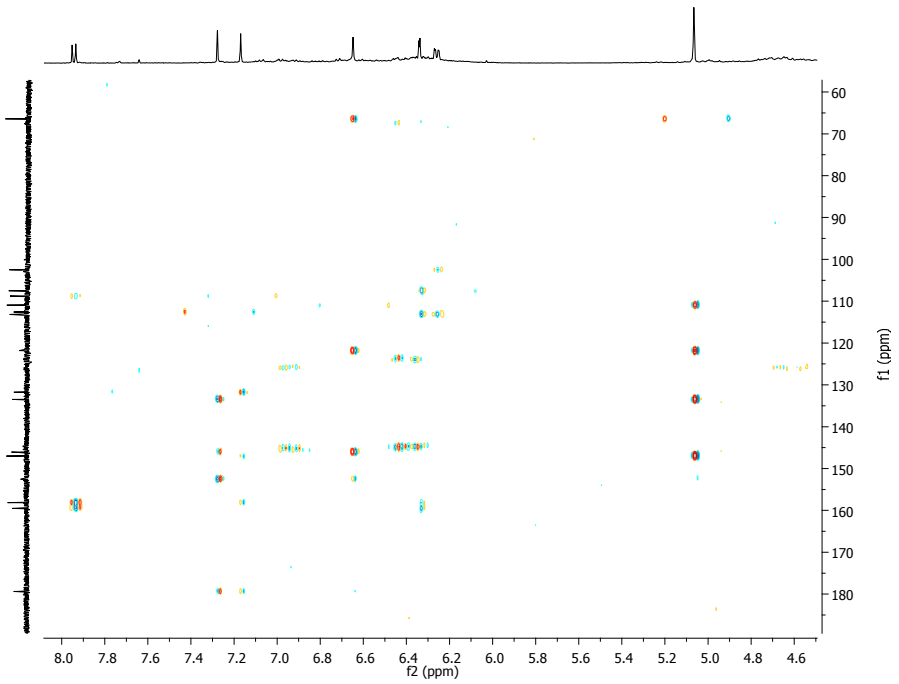

Figure S12. Spectrum HMBC.

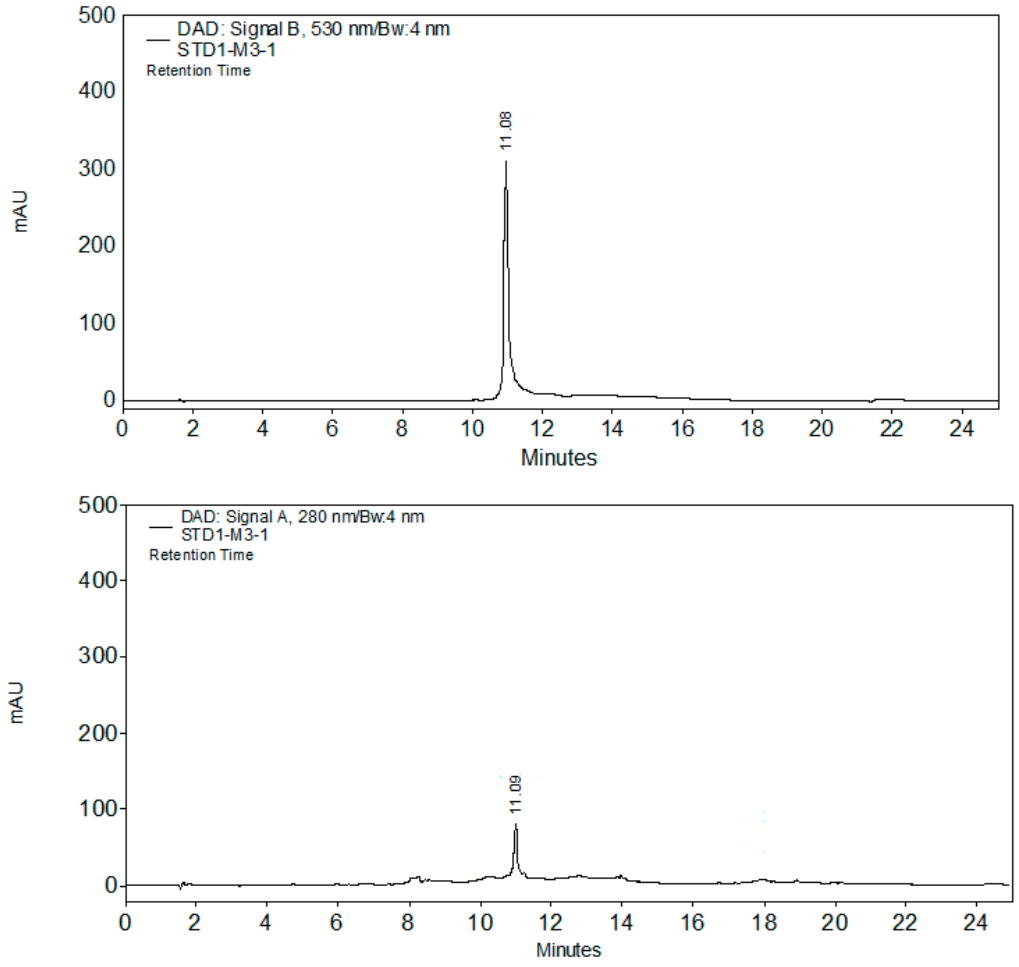

Figure S13. HPLC chromatograms of peltomexicanin (Up 530 nm, below 280 nm). Conditions: Gradient H_2O; acetonitrile; column C18 ZORBAX Eclipse Plus (150 × 4.6 mm, 5 µm), 20 µL, 1 mg·mL^{-1}, 1 mL·min^{-1}.

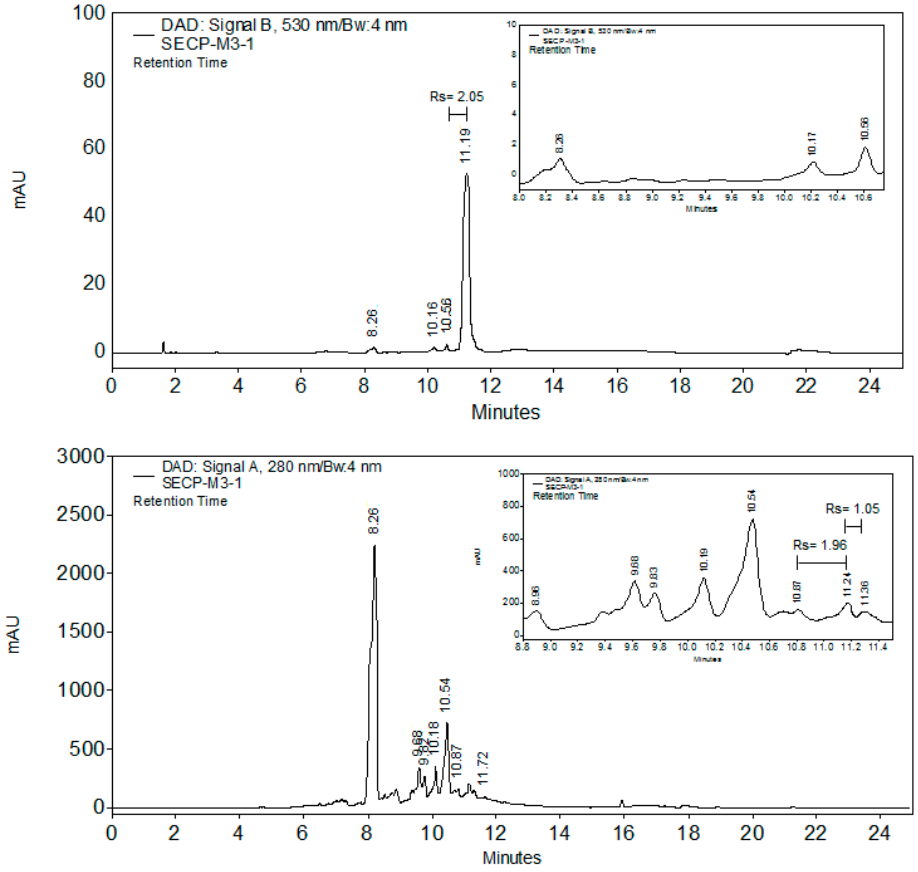

Figure S14. HPLC chromatograms of semipolar fraction of dried extract (Up 530 nm, below 280 nm). Conditions: Gradient H_2O; acetonitrile; column C18 ZORBAX Eclipse Plus (150 × 4.6 mm, 5 μm), 20 μL, 5 $mg \cdot mL^{-1}$, 1 $mL \cdot min^{-1}$.