

Chemistry & Biodiversity

Supporting Information

Phytochemical Characterization and Antibacterial Activity of *Carthamus Caeruleus* L. Aqueous Extracts: In Vitro and In Silico Molecular Docking Studies

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SUPPLEMENTARY MATERIALS

The chromatograms obtained in this study are presented in the Figures S1, S2, S3 and S4 for the leaf extract, and in the Figures S5, S6, S7, S8, and S9 for the root extract, compared to the chromatogram of reference standards (figure S10).

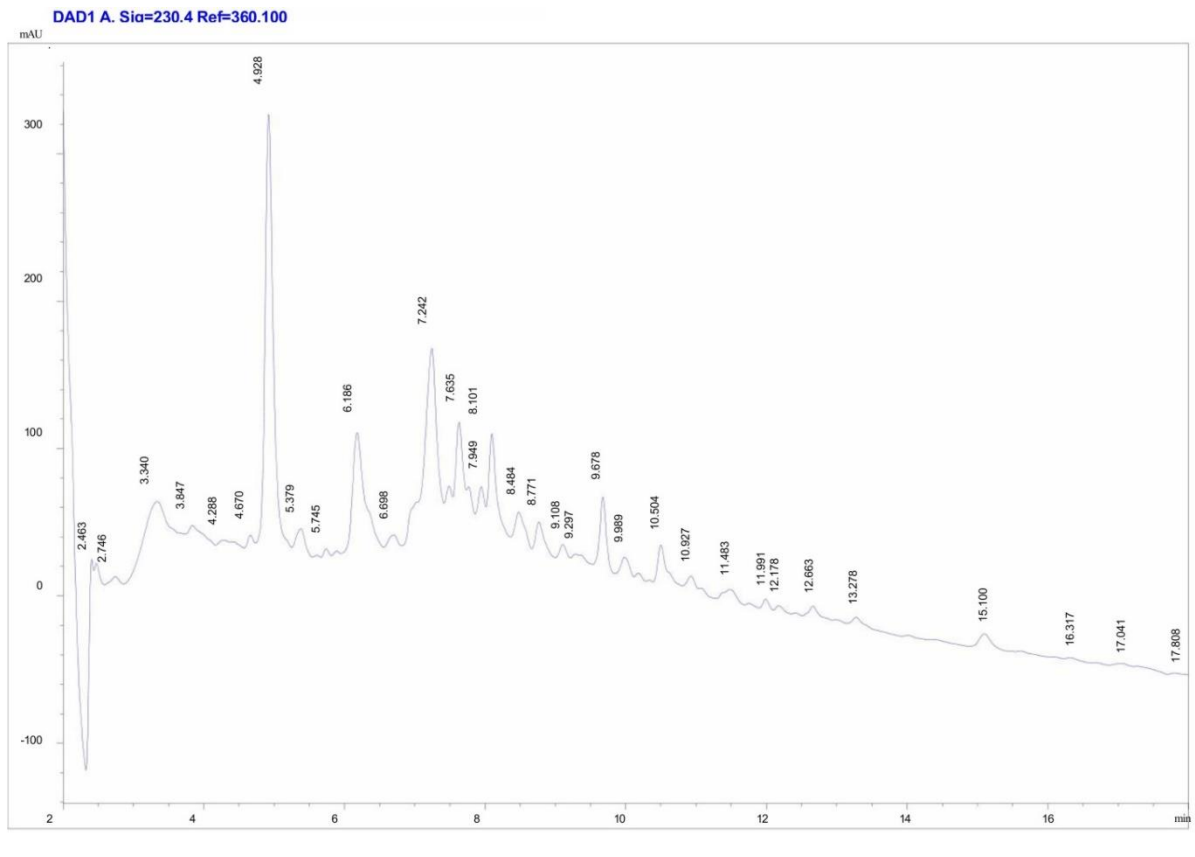


Figure S1. Chromatogram of *C. caeruleus* L. leaf aqueous extract at 230.4 nm

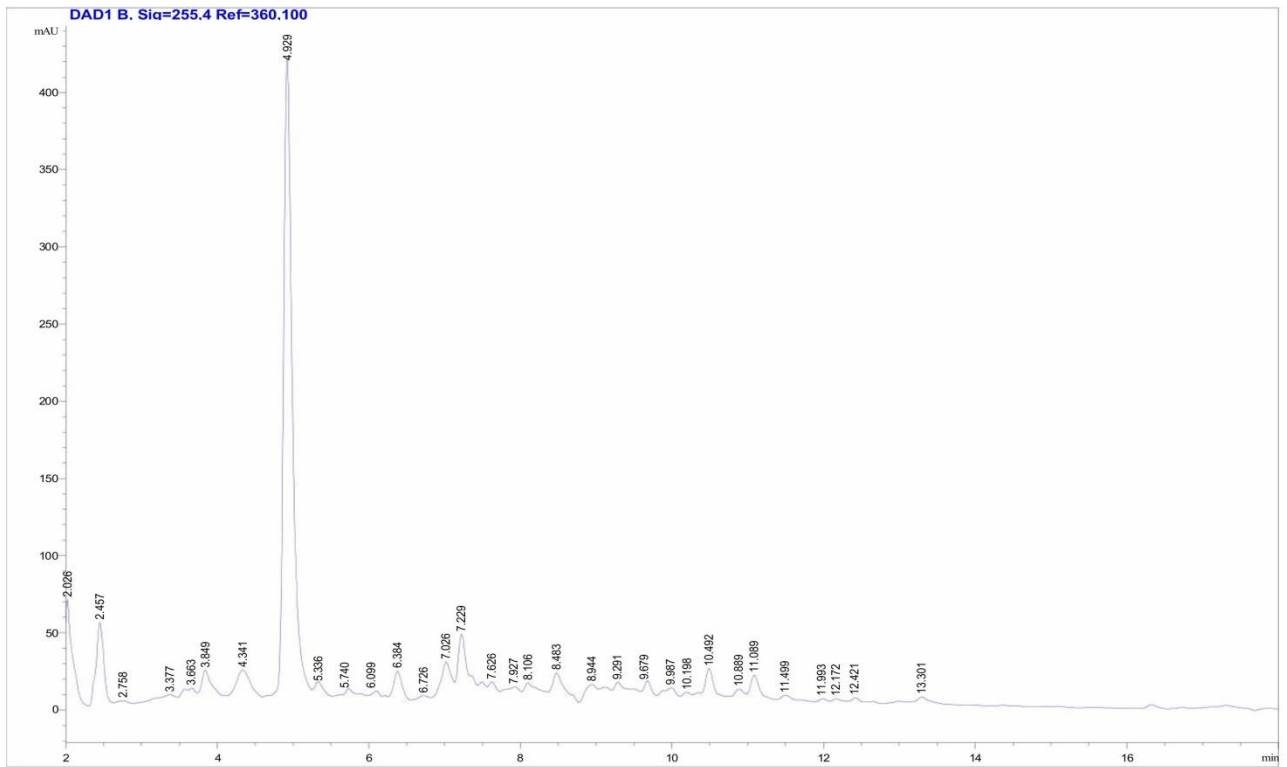


Figure S2. Chromatogram of *C. caeruleus* L. leaf aqueous extract at 255.4 nm

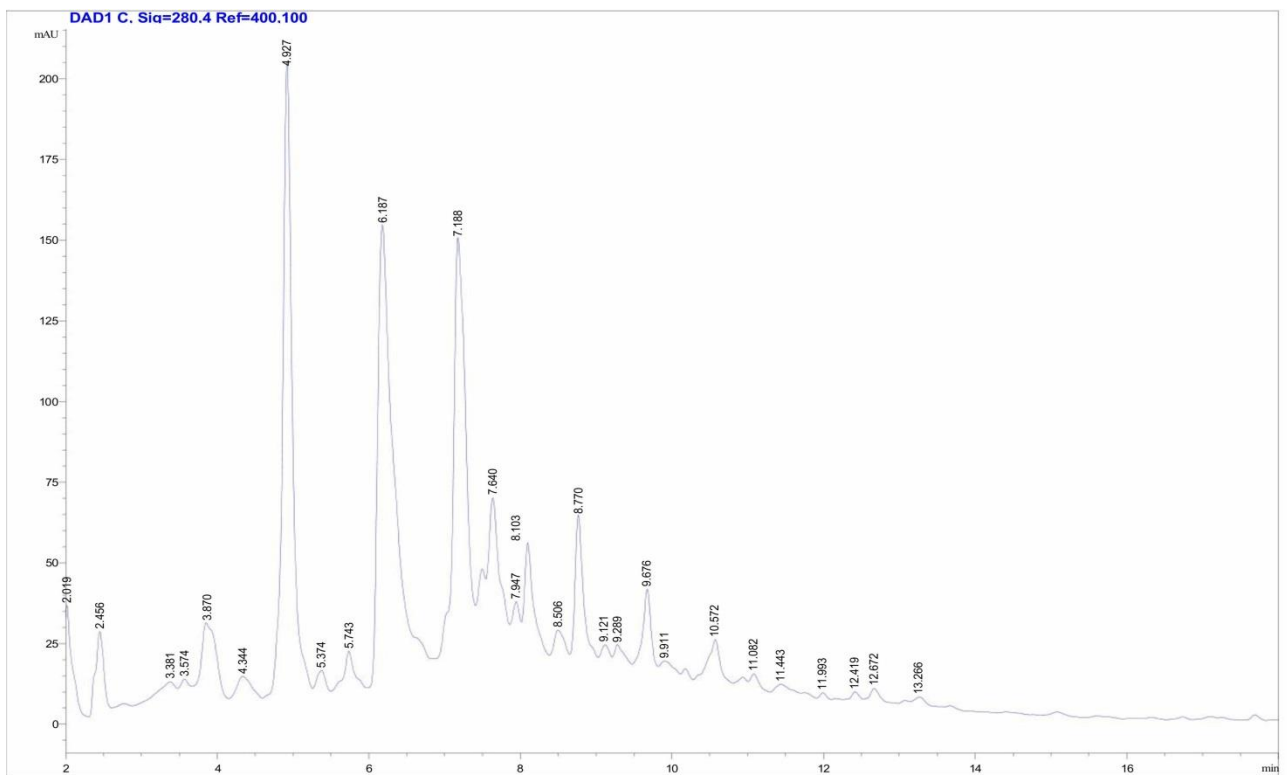


Figure S3. Chromatogram of *C. caeruleus* L. leaf aqueous extract at 280.4 nm

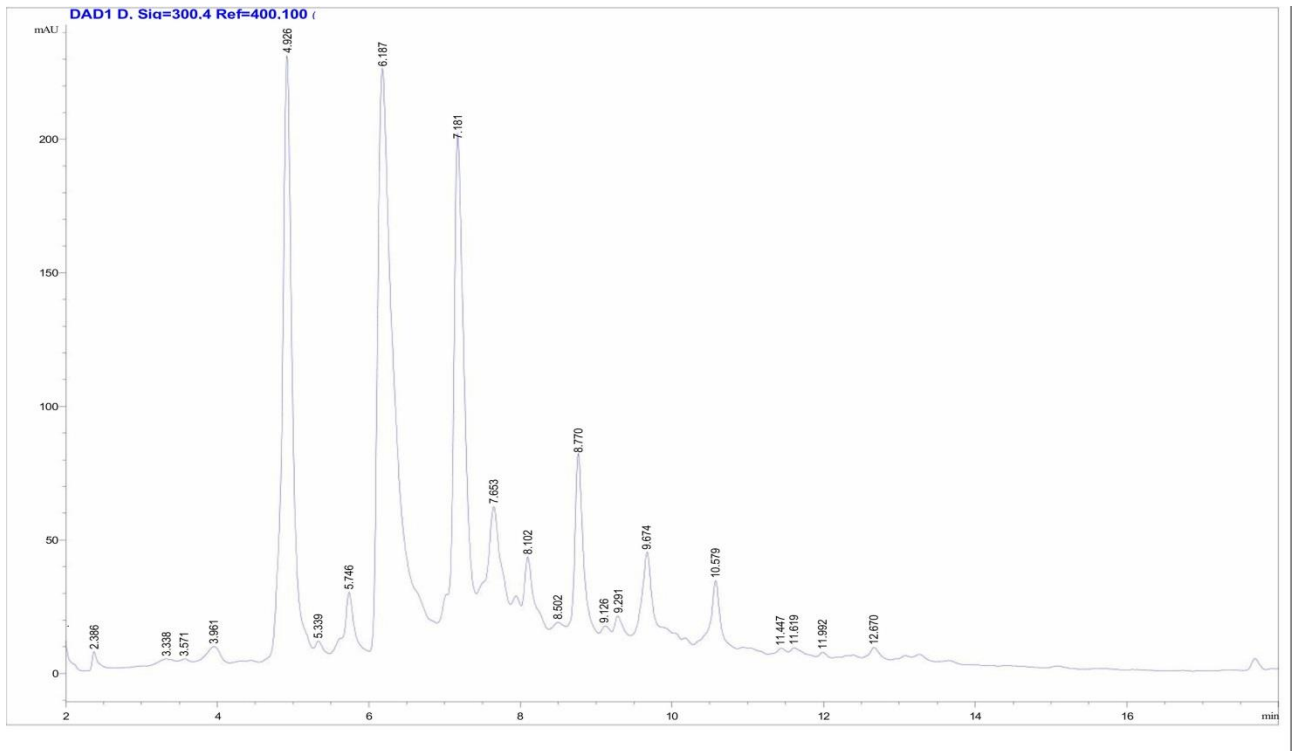


Figure S4. Chromatogram of *C. caeruleus* L. leaf aqueous extract at 300.4 nm

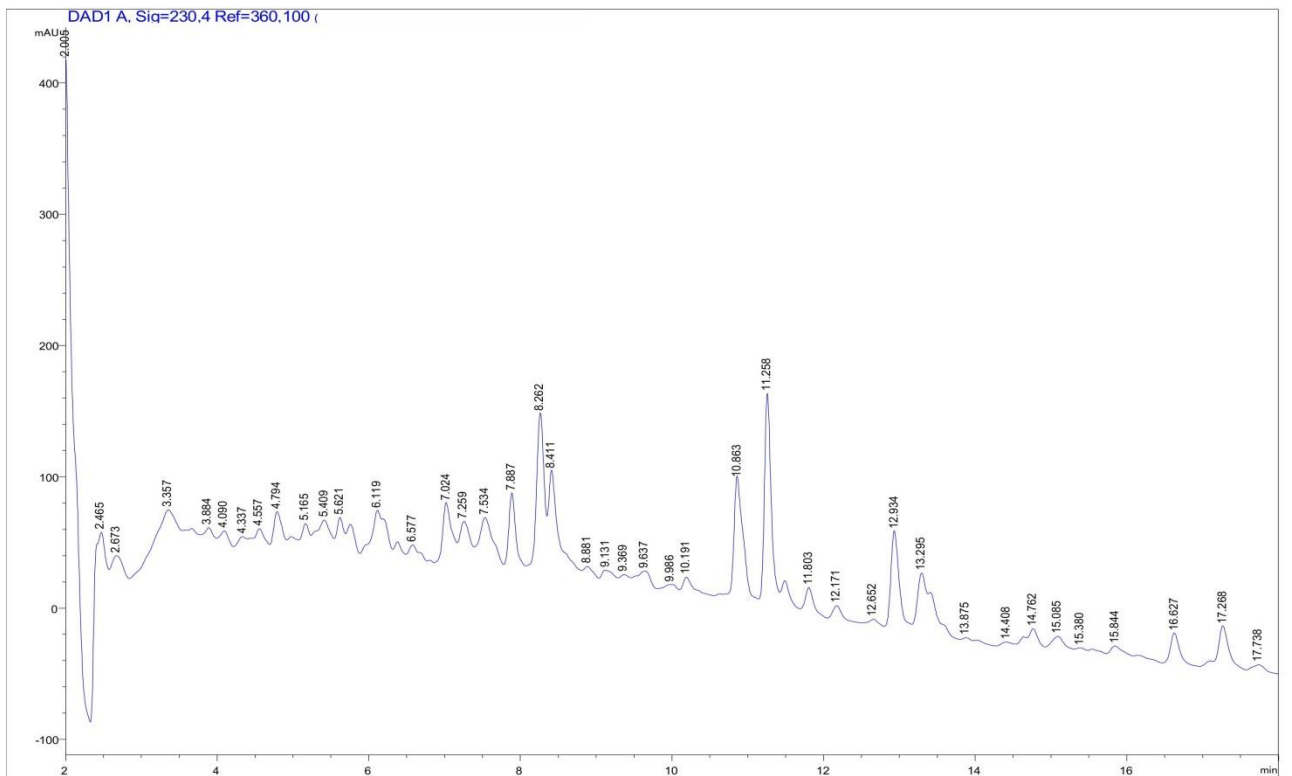


Figure S5. Chromatogram of *C. caeruleus* L. root aqueous extract at 230.4 nm

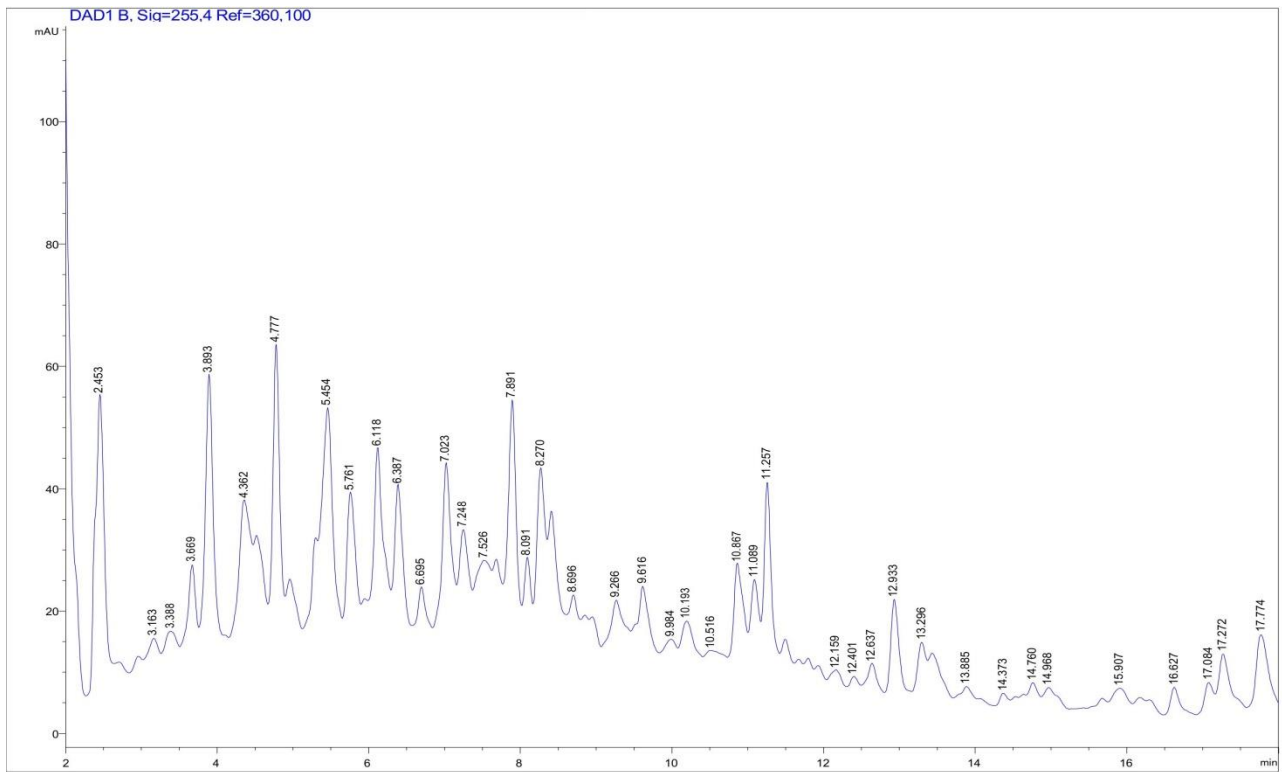


Figure S6. Chromatogram of *C. caeruleus* L. root aqueous extract at 255.4 nm

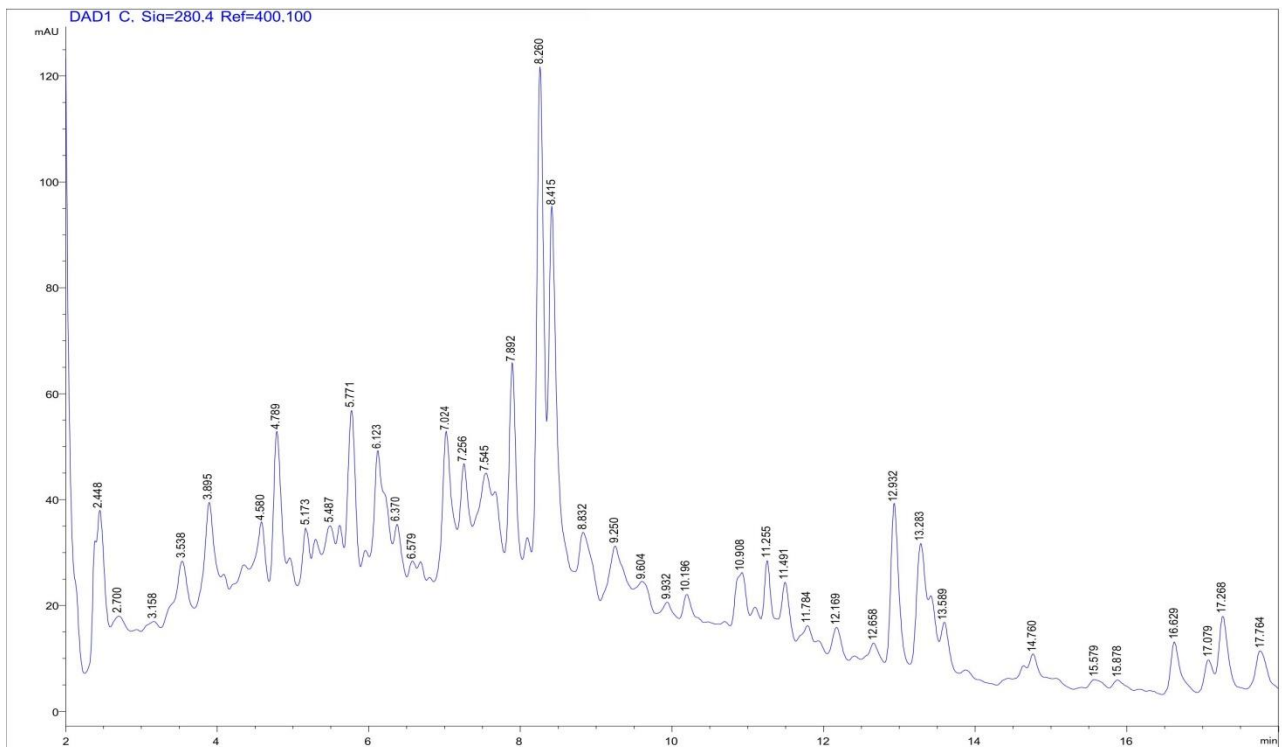


Figure S7. Chromatogram of *C. caeruleus* L. root aqueous extract at 280.4 nm

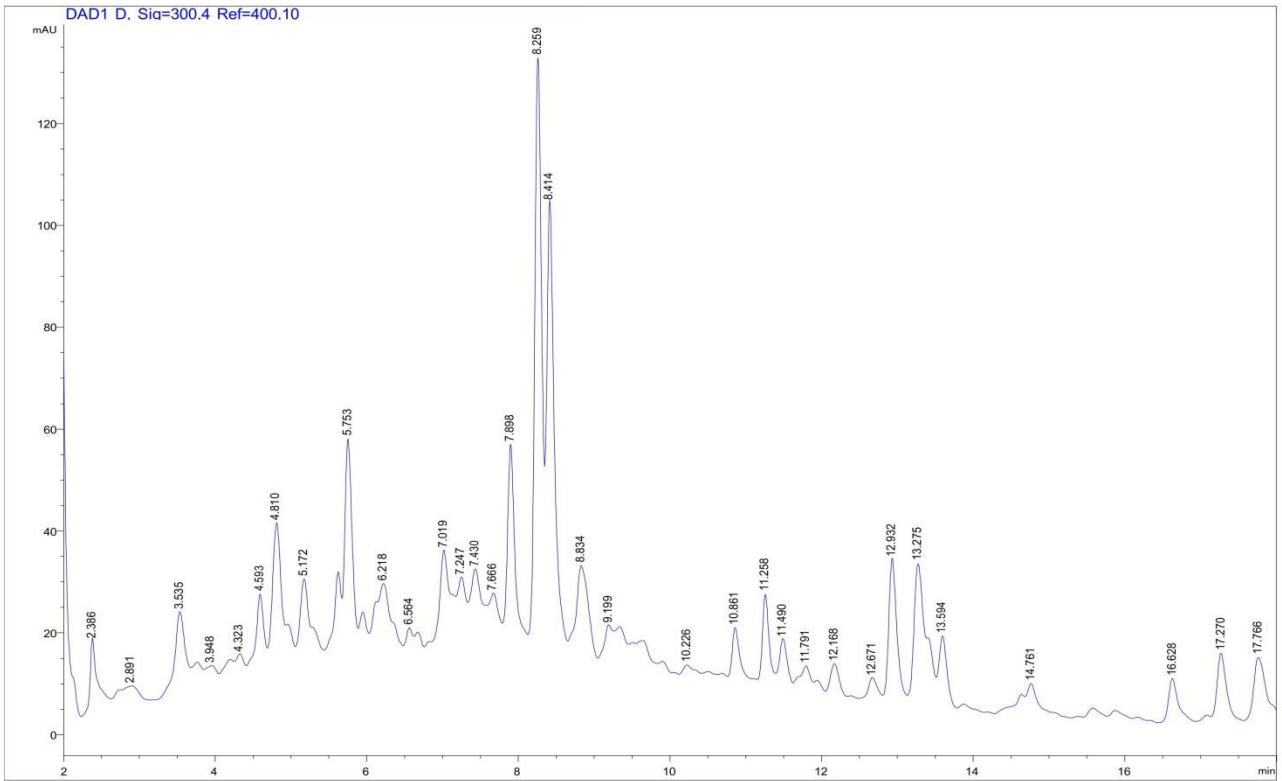


Figure S8. Chromatogram of *C. caeruleus* L. root aqueous extract at 300.4 nm

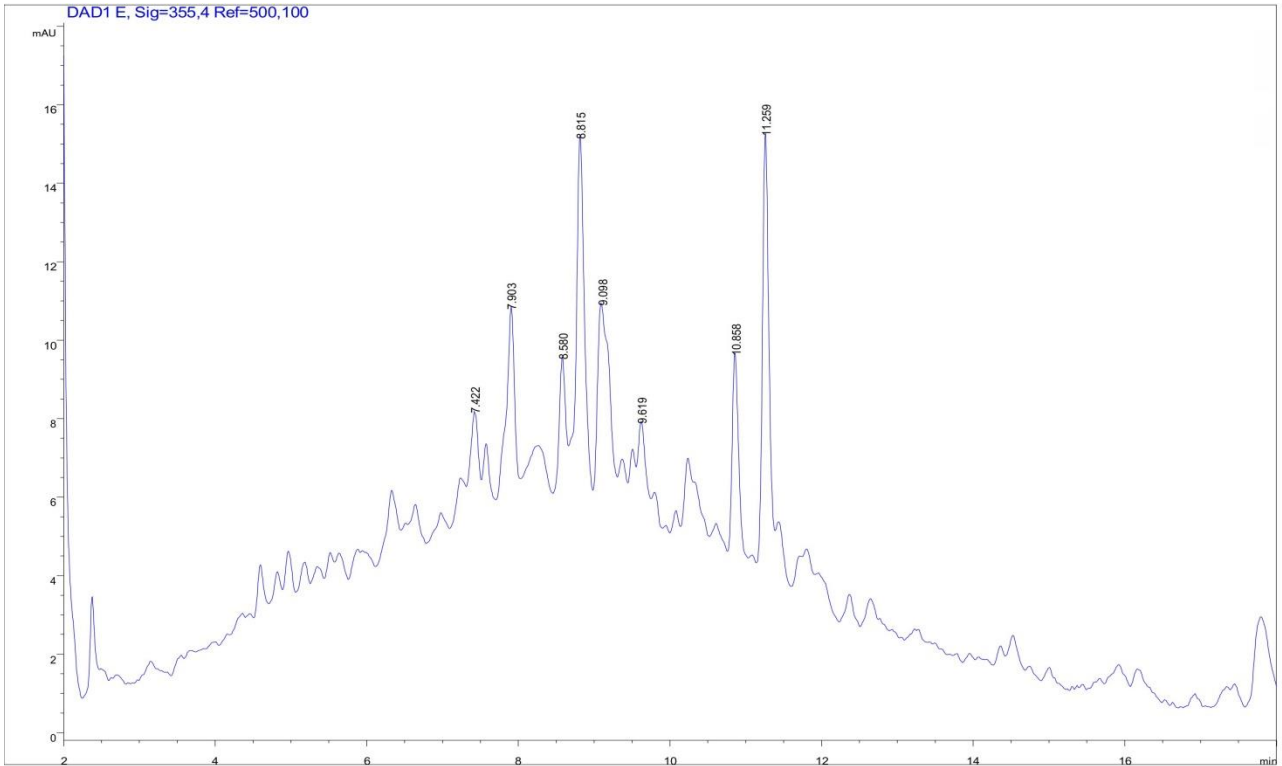
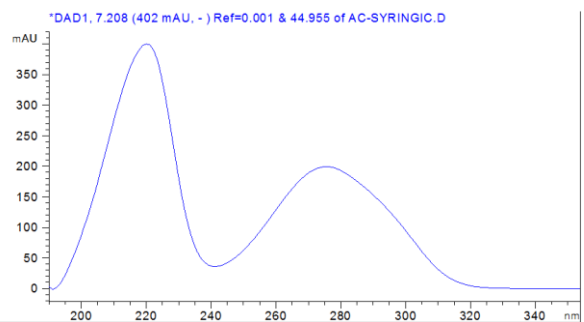
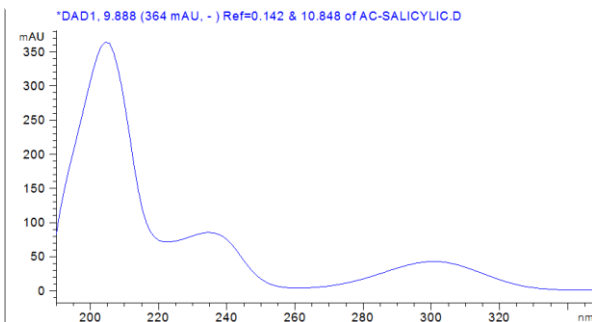
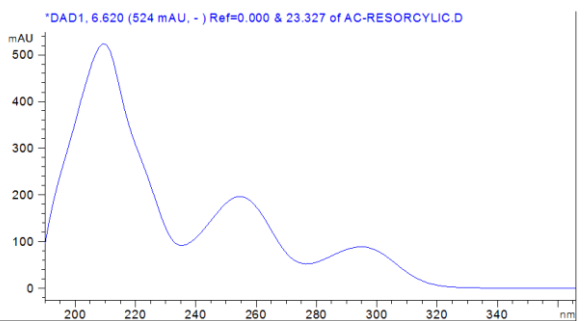
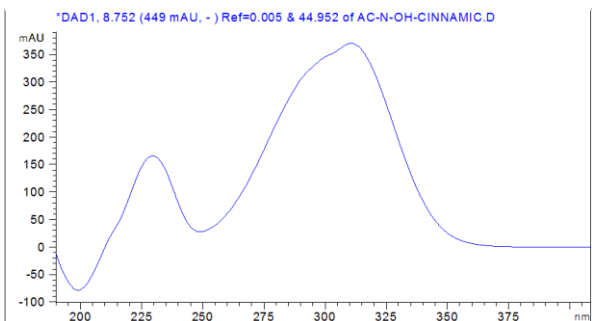
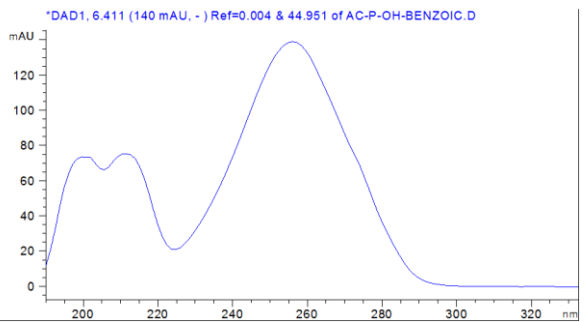
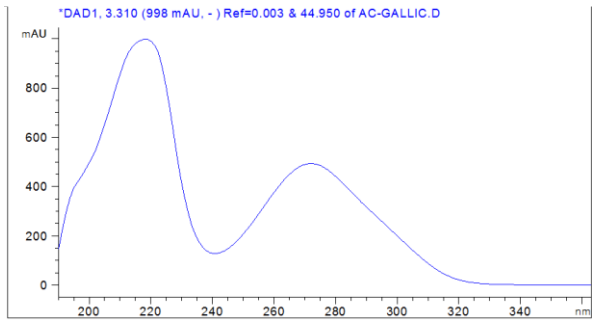
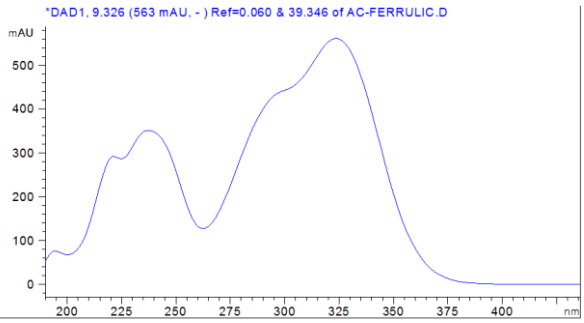
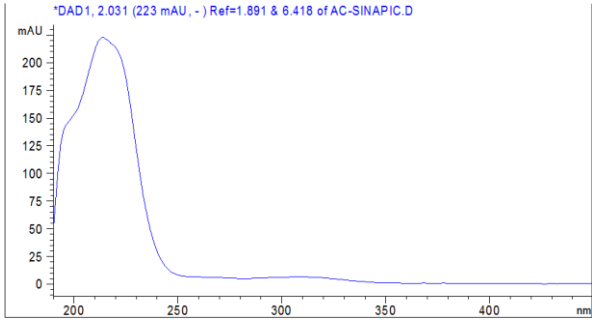
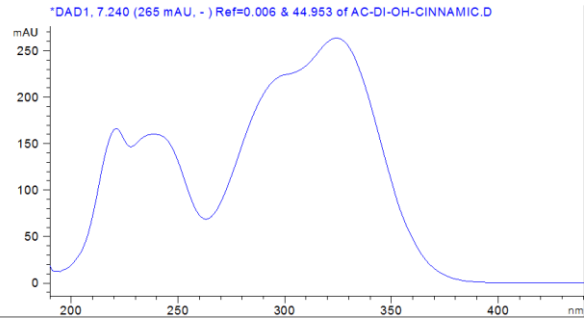
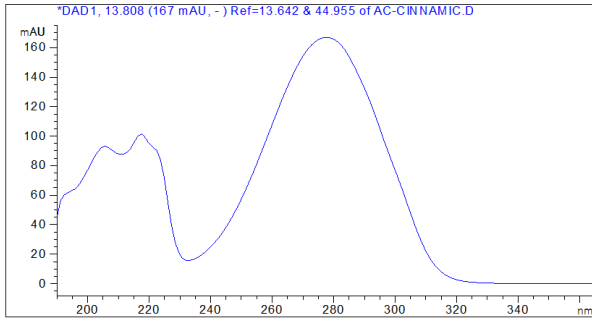
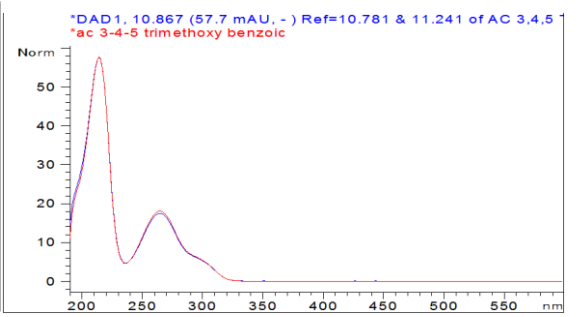
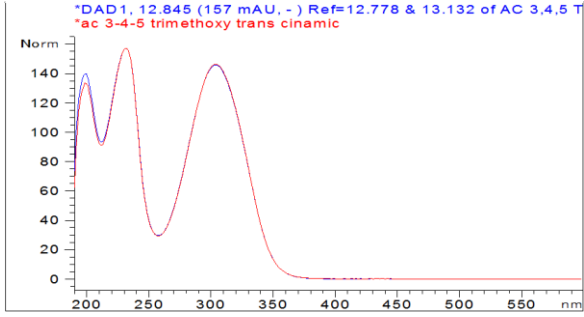
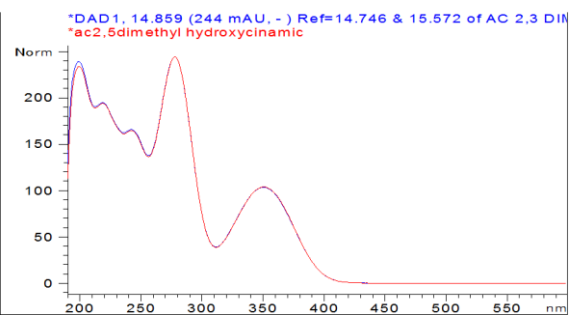
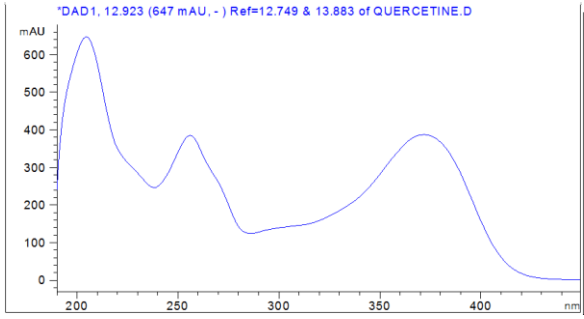
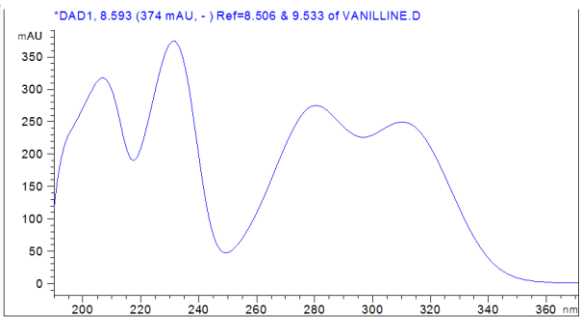
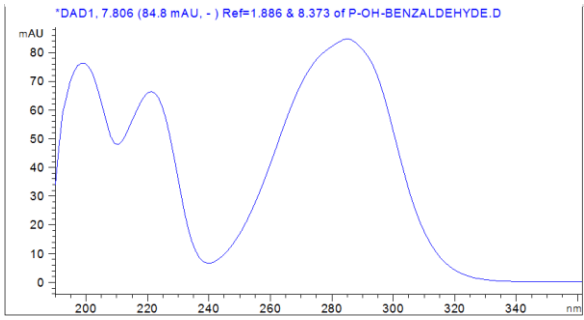
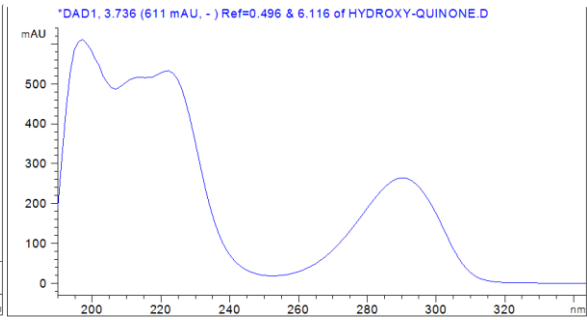
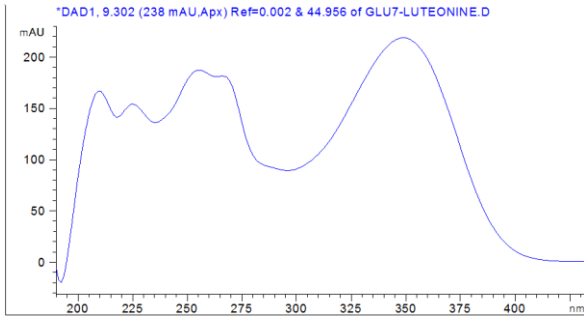
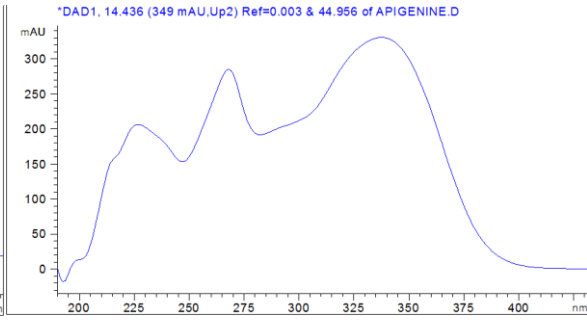
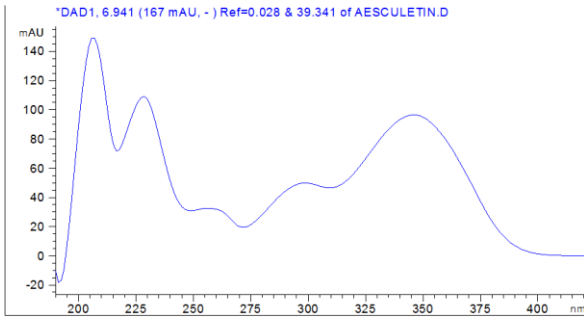
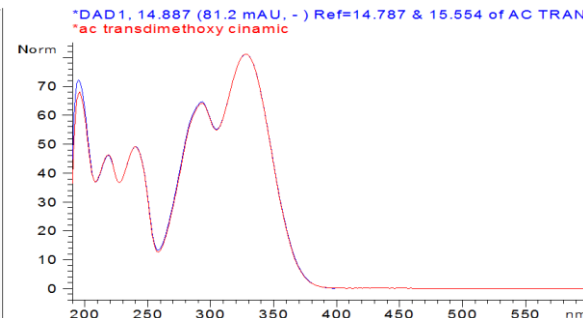
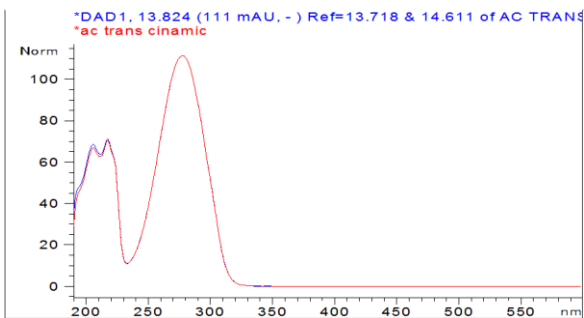
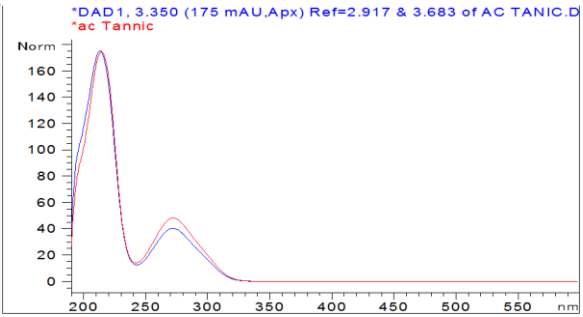
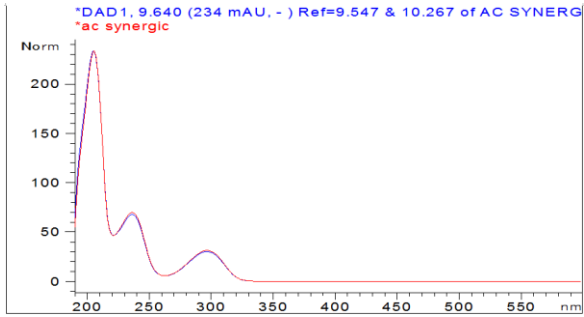
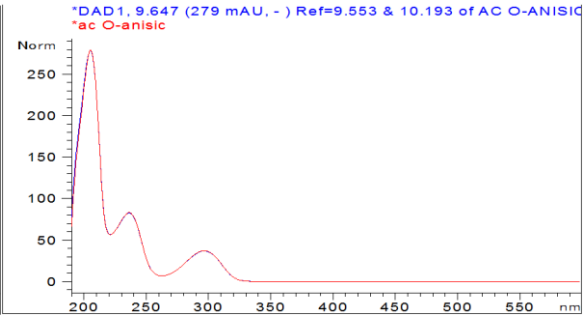
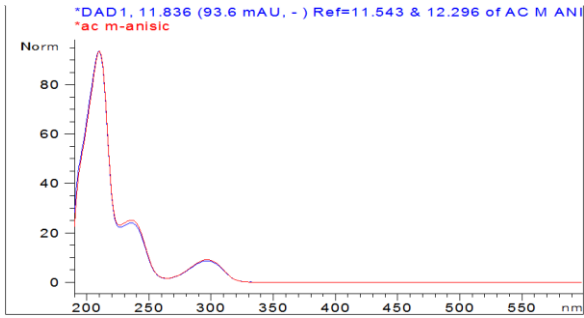
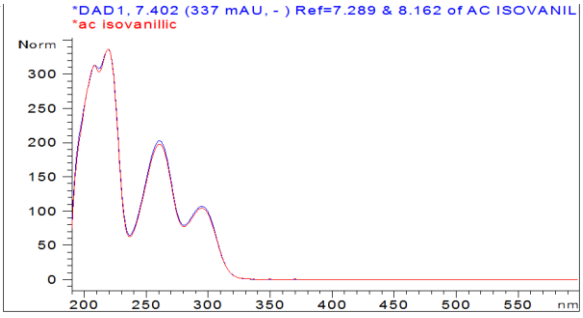
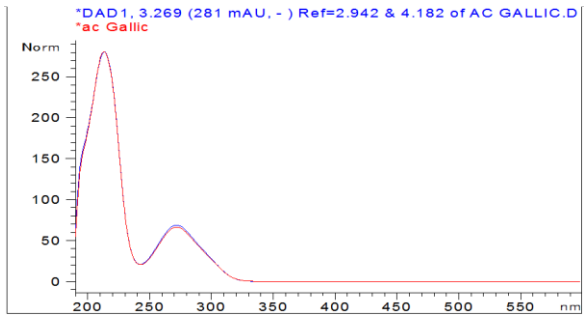
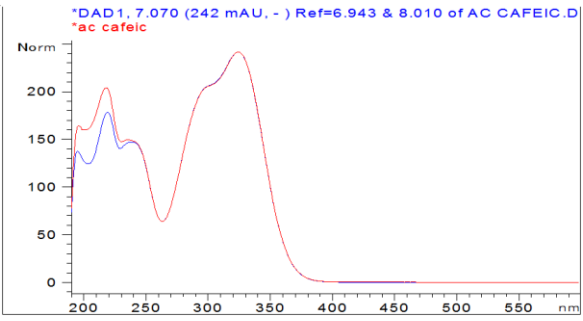
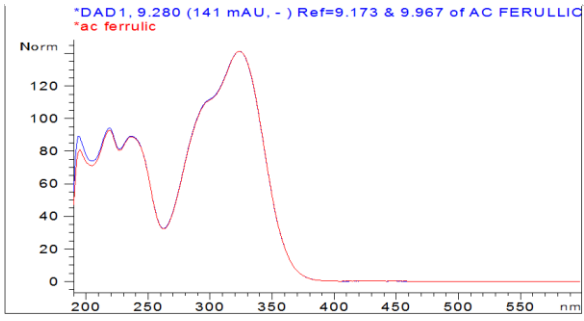


Figure S9. Chromatogram of *C. caeruleus* L. root aqueous extract at 355.4 nm







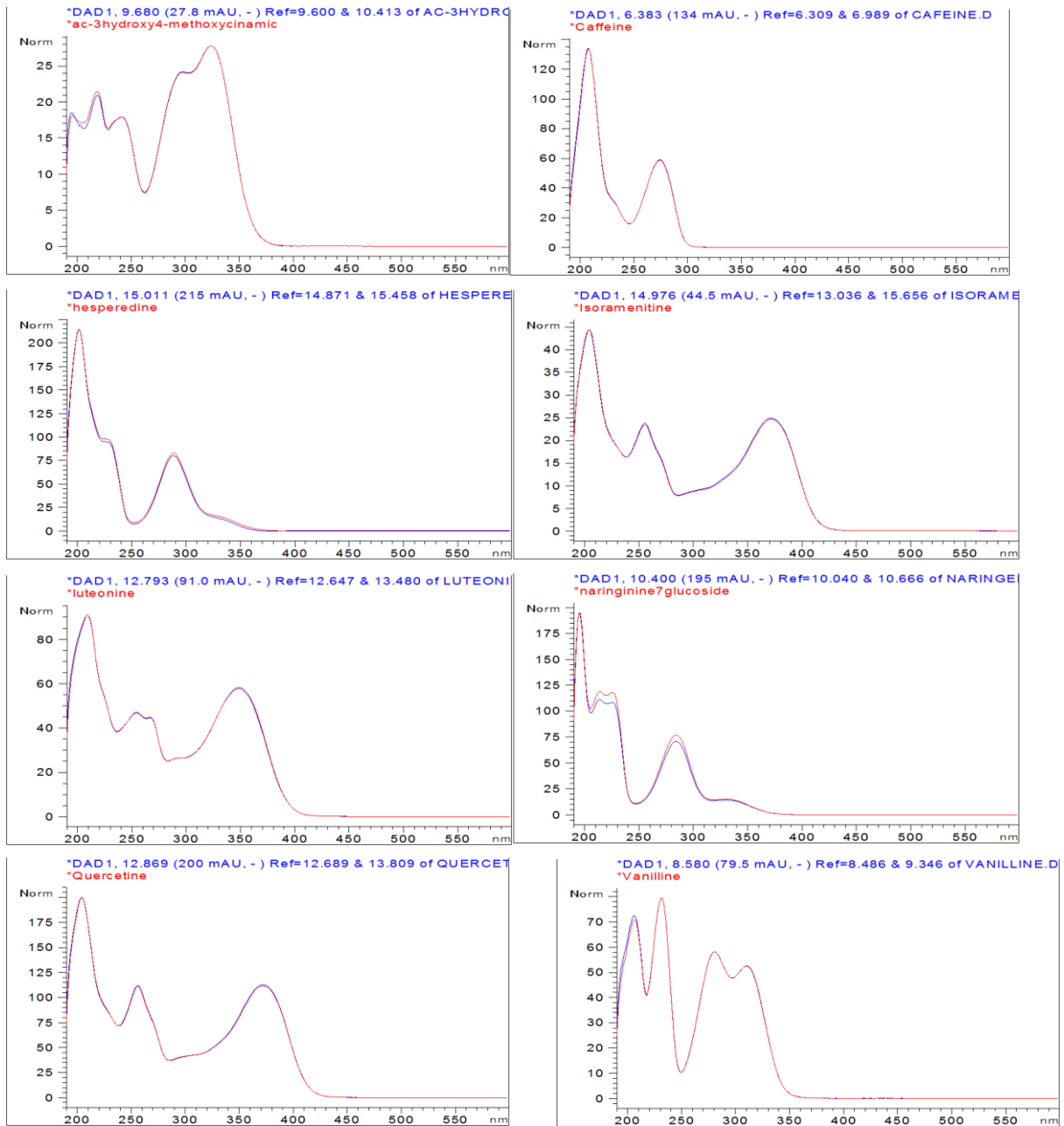


Figure S10. Spectrum of the mixture of reference standards