

Supplementary Materials

The Secondary Metabolites Profile in Horse Chestnut Leaves Infested with Horse-Chestnut Leaf Miner

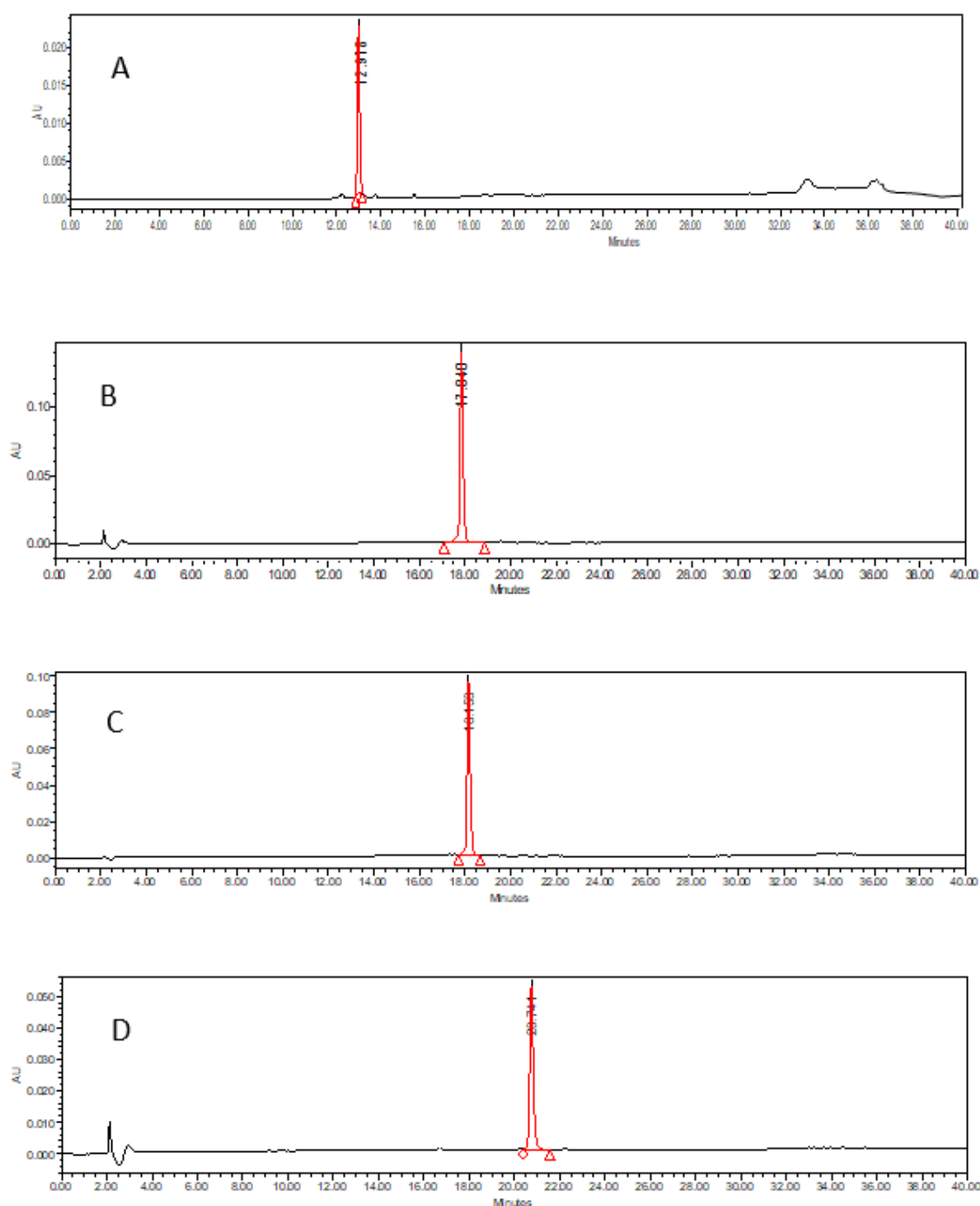


Figure S1. Chromatograms of standard compounds, A: catechin; B: Quercetin-3-O-galactoside; C: Quercetin-3-O-glucoside; D: Quercetin-3-O-rhamnoside.

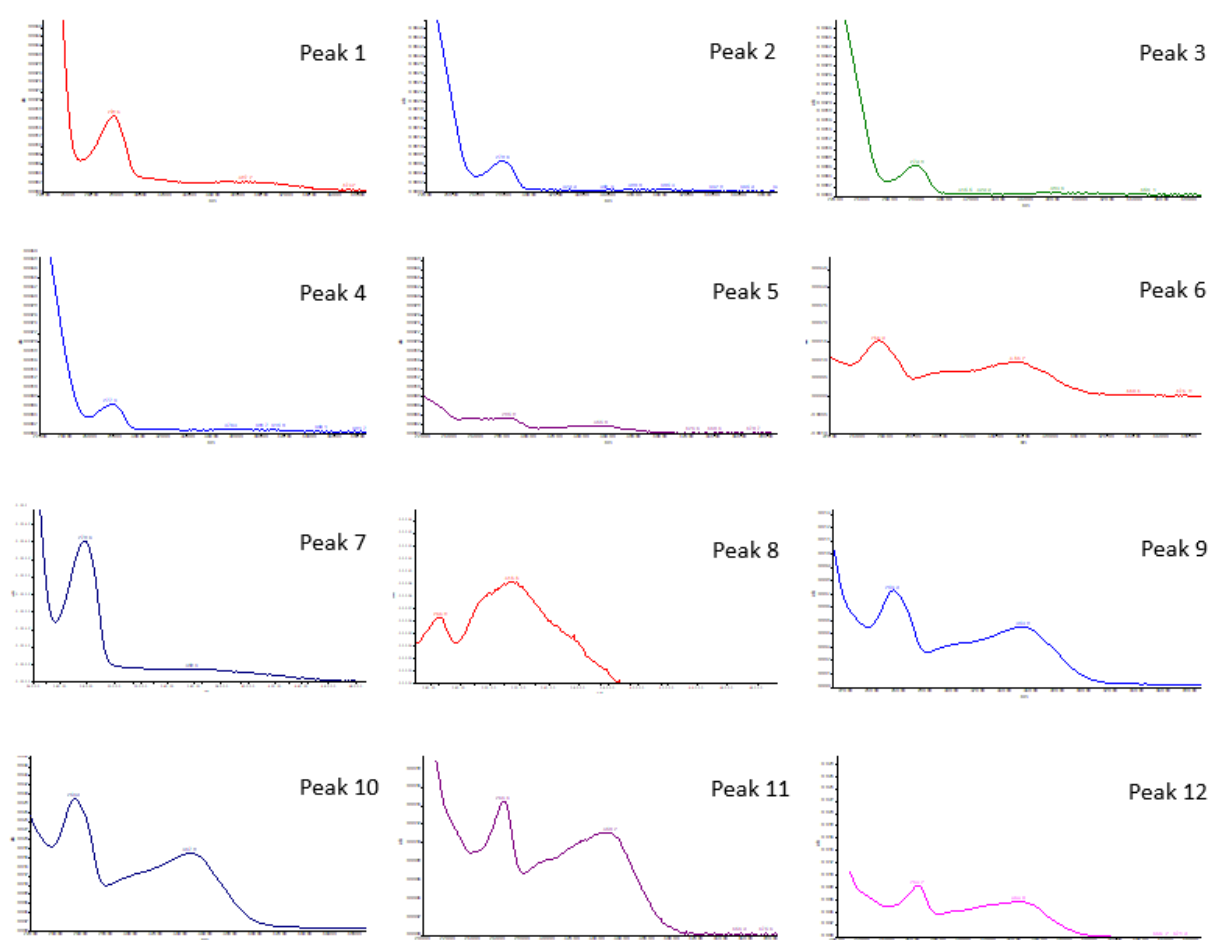


Figure S2. UV-Vis spectra from HPLC-DAD analysis of phenolic compounds quantified in extracts of chestnut leaves.

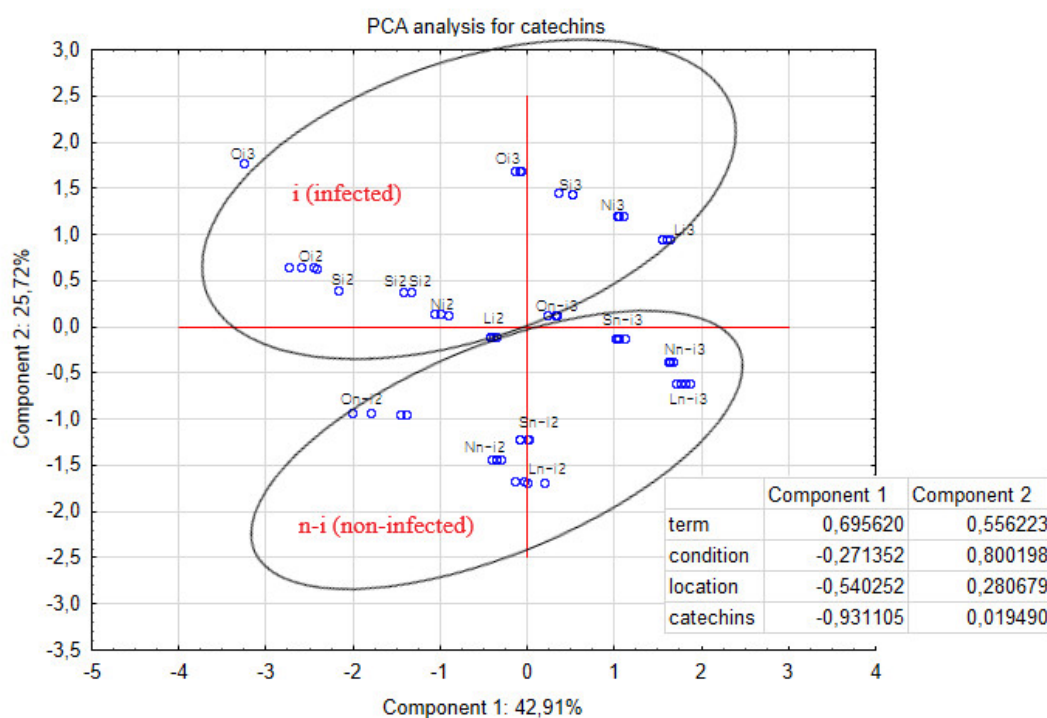


Figure S3. Principal Components Analysis for catechins identified by HPLC.

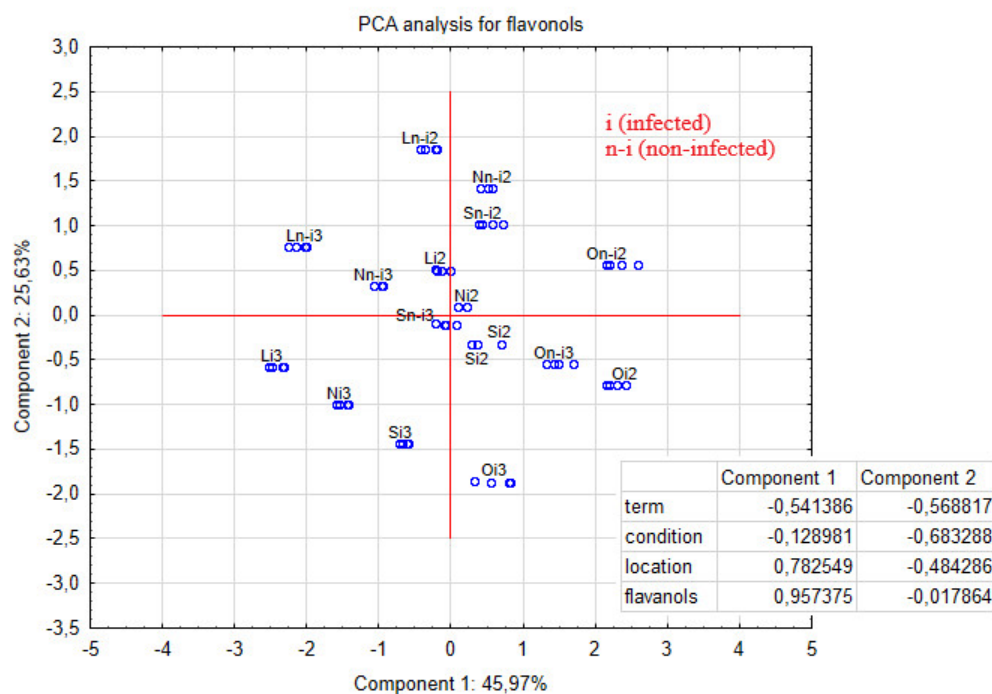


Figure S4. Principal Components Analysis for flavonols identified by HPLC.

Table S1. Pearson's correlation coefficients.

	Total Tannins	Total Phenolics	Total Flavonoids
Antiradical activity	0.711618	0.90631	0.642451
Total tannins	1	0.61943	0.350497
Total phenolics		1	0.540493
Total flavonoids			1