

Supporting Information

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Chemical Composition of Different Parts of the *Vitex agnus-castus* L. Essential Oils and Their *In-Vitro* Cytotoxic Activities

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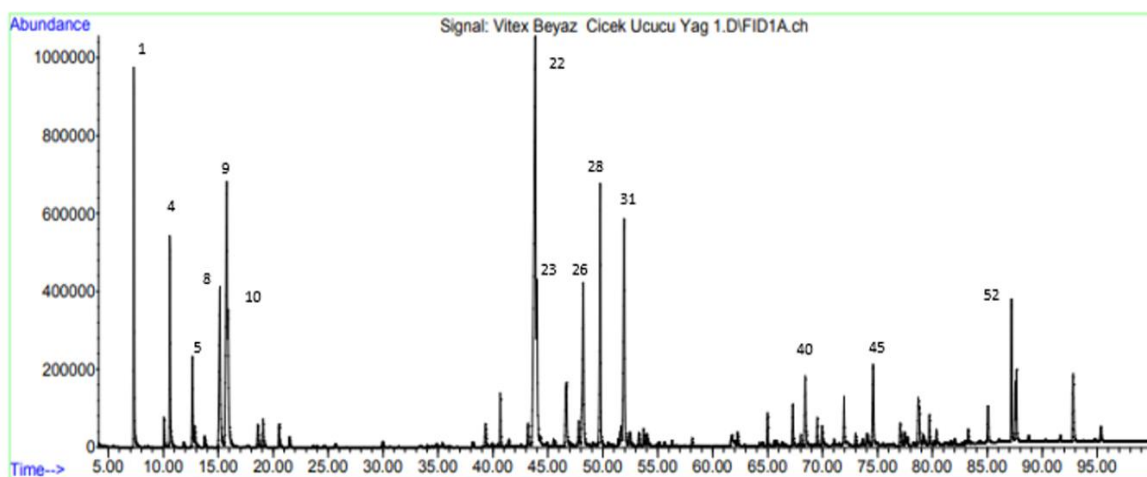


Figure S1. GC Chromatogram of *Vitex agnus-castus* L. white flowers -collected from Balıkesir (BWFL)- essential oil. 1: α -Pinene, 4: Sabinene, 5: Myrcene, 8: Limonene, 9: 1,8-Cineole, 10: β -Phellandrene, 22: Caryophyllene, 23: Terpinen-4-ol, 26: (*Z*)- β -Farnesene, 28: α -Terpinyl Acetate, 31: Bicyclogermacrene, 40: Germacrene-D-4-ol, 45: τ -Cadinol, 52: Abietatriene.

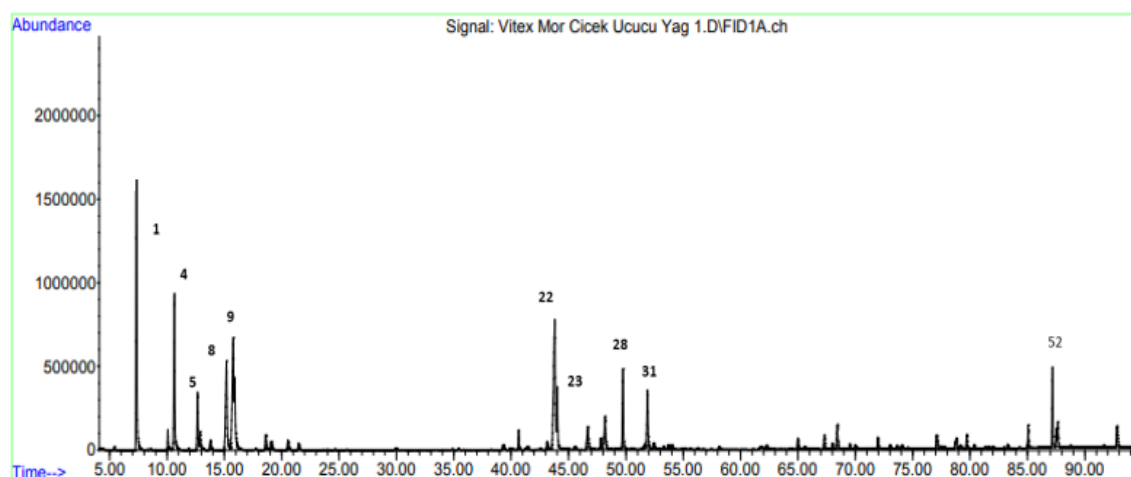


Figure S2. GC Chromatogram of *Vitex agnus-castus* L. purple flowers -collected from Balıkesir (BPFL)- essential oil. 1: α -Pinene, 4: Sabinene, 5: Myrcene, 8: Limonene, 9: 1,8-Cineole, 22: Caryophyllene, 23: Terpinen-4-ol, 28: α -Terpinyl Acetate, 31: Bicyclogermacrene, 52: Abietatriene.

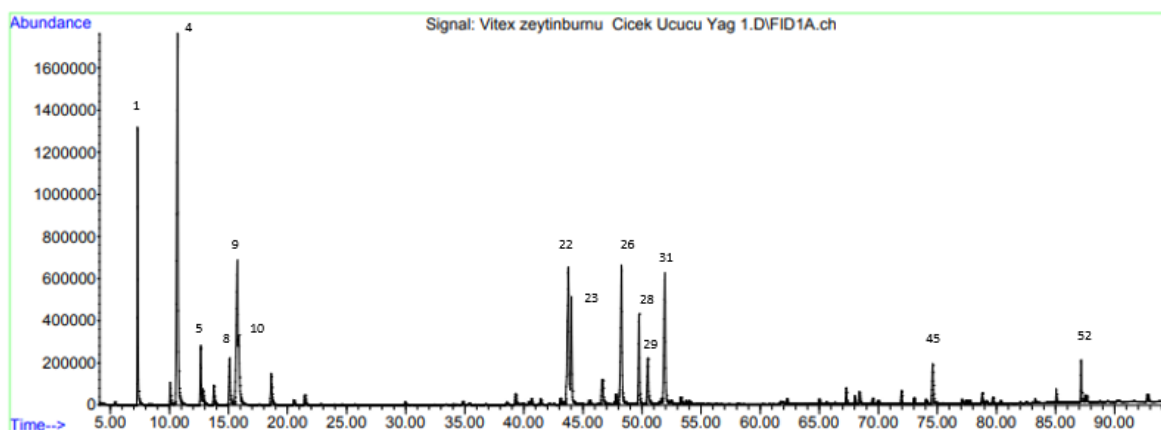


Figure S3. GC Chromatogram of *Vitex agnus-castus* L. purple flowers -collected from İstanbul (IPFL)- essential oil. 1: α -Pinene, 4: Sabinene, 5: Myrcene, 8: Limonene, 9: 1,8-Cineole, 10: β -Phellandrene, 22: Caryophyllene, 23: Terpinen-4-ol, 26: (Z)- β -Farnesene, 28: α -Terpinyl Acetate, 29: Germacrene-D, 31: Bicyclogermacrene, 45: τ -Cadinol, 52: Abietatriene.

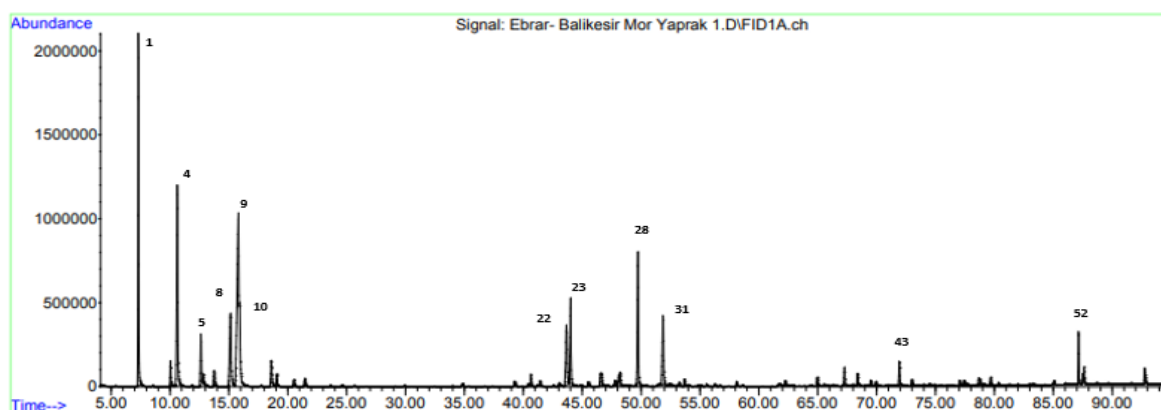


Figure S4. GC Chromatogram of *Vitex agnus-castus* L. purple-flowered plant leaves -collected from Balikesir- (BPLe)- essential oil. 1: α -Pinene, 4: Sabinene, 5: Myrcene, 8: Limonene, 9: 1,8-Cineole, 10: β -Phellandrene, 22: Caryophyllene, 23: Terpinen-4-ol, 28: α -Terpinyl Acetate, 31: Bicyclogermacrene, 43: Spathulenol, 52: Abietatriene.

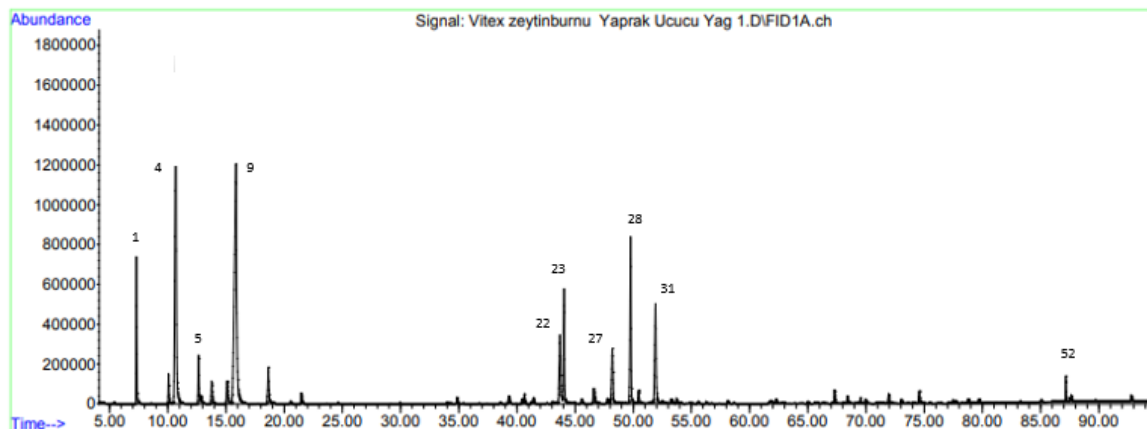


Figure S5: GC Chromatogram of *Vitex agnus-castus* L. purple-flowered plant leaves -collected from İstanbul (IPLE)-essential oil. 1: α -Pinene, 4: Sabinene, 5: Myrcene, 9: 1,8-Cineole, 22: Caryophyllene, 23: Terpinen-4-ol, 27: α -Terpineol, 28: α -Terpinyl Acetate, 31: Bicyclgermacrene, 52: Abietatriene.

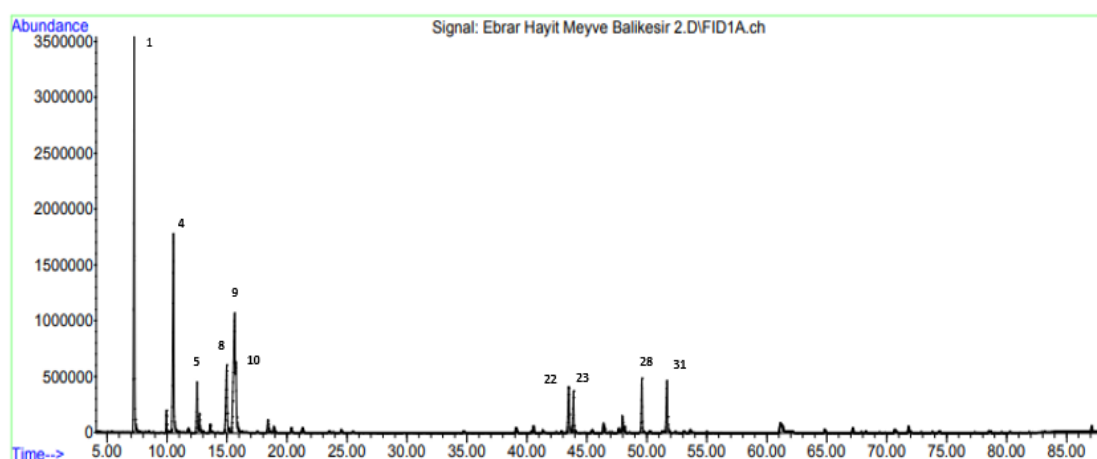


Figure S6: GC Chromatogram of *Vitex agnus-castus* L. purple-flowered plant fruits -collected from Balkesir (BPFR)- essential oil. 1: α -Pinene, 4: Sabinene, 5: Myrcene, 8: Limonene, 9: 1,8-Cineole, 10: β -Phellandrene, 22: Caryophyllene, 23: Terpinen-4-ol, 28: α -Terpinyl Acetate, 31: Bicyclgermacrene.

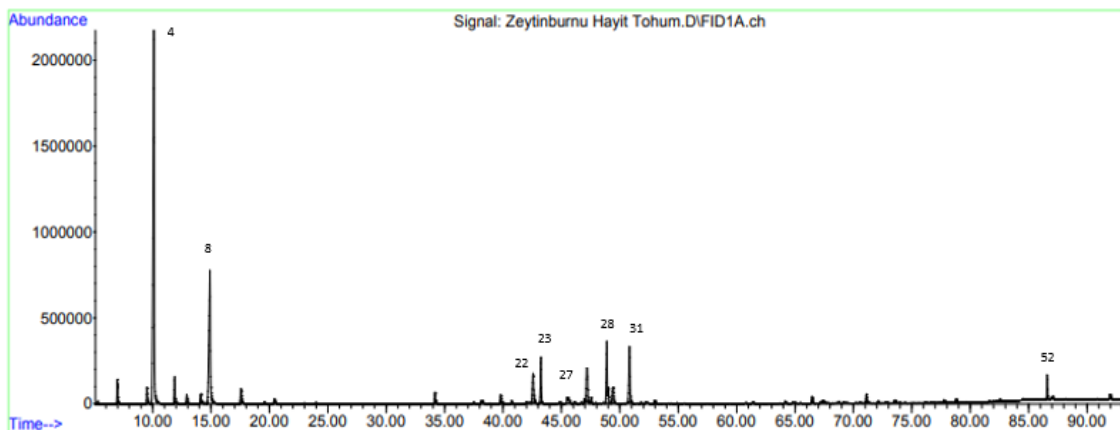


Figure S7: GC Chromatogram of *Vitex agnus-castus* L. purple-flowered plant fruits -collected from İstanbul (IPFR)- essential oil. 4: Sabinene, 8: Limonene, 22: Caryophyllene, 23: Terpinen-4-ol, 27: α -Terpineol, 28: α -Terpinyl Acetate, 31: Bicyclogermacrene, 52: Abietatriene.