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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Table of Contents

<table>
<thead>
<tr>
<th>Table of Contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure S1: GC Chromatogram of Vitex agnus-castus L. white flowers -collected from Balıkesir (BWFL)- essential oil.</td>
<td>2</td>
</tr>
<tr>
<td>Figure S2: GC Chromatogram of Vitex agnus-castus L. purple flowers -collected from Balıkesir (BPFL)- essential oil.</td>
<td>2</td>
</tr>
<tr>
<td>Figure S3: GC Chromatogram of Vitex agnus-castus L. purple flowers -collected from İstanbul (IPFL)- essential oil.</td>
<td>3</td>
</tr>
<tr>
<td>Figure S4: GC Chromatogram of Vitex agnus-castus L. purple flowered plant leaves -collected from Balıkesir- (BPLE)- essential oil.</td>
<td>3</td>
</tr>
<tr>
<td>Figure S5: GC Chromatogram of Vitex agnus-castus L. purple flowered plant leaves -collected from İstanbul (IPLE)- essential oil</td>
<td>4</td>
</tr>
<tr>
<td>Figure S6: GC Chromatogram of Vitex agnus-castus L. purple flowered plant fruits -collected from Balıkesir (BPFR)- essential oil.</td>
<td>4</td>
</tr>
<tr>
<td>Figure S7: GC Chromatogram of Vitex agnus-castus L. purple flowered plant fruits -collected from İstanbul (IPFR)- essential oil.</td>
<td>5</td>
</tr>
</tbody>
</table>
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: Terpinene-4-ol, 26: (Z)-β-Farnesene, 28: α-Terpinyl

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: Terpinene-4-ol, 28: α-Terpinyl Acetate,
31: Bicyclogermaene, 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: Bicyclogermacrene, 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: Bicyclogermacrene.
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-Terpyl Acetate, 31: Bicyclogermacrene, 52: Abietatriene.