

## Supporting Information

*Rec. Nat. Prod.* 11:2 (2017) 114-129

# Essential Oils Extracted Using Microwave-Assisted Hydrodistillation from Aerial Parts of Eleven *Artemisia* Species: Chemical Compositions and Diversities in Different Geographical Regions of Iran

Majid Mohammadhosseini\*

<sup>a</sup> Department of Chemistry, College of Basic Sciences, Shahrood Branch, Islamic Azad University, Shahrood, Iran

Table of Contents	Page
<b>S1:</b> Geographical origins concerning the populations of 19 Iranian <i>Artemisia</i> species (Sample numbers were the same as given in Table 1).	2
<b>S2:</b> Variations in the essential oil contents from the eleven species of <i>Artemisia</i> genus in Iran	3
<b>S3:</b> Representation of the chromatogram of the sample, namely: S1	4
<b>S4:</b> Representation of the chromatogram of the sample, namely: S2	4
<b>S5:</b> Representation of the chromatogram of the sample, namely: S3	5
<b>S6:</b> Representation of the chromatogram of the sample, namely: S4	5
<b>S7:</b> Representation of the chromatogram of the sample, namely: S5	6
<b>S8:</b> Representation of the chromatogram of the sample, namely: S6	6
<b>S9:</b> Representation of the chromatogram of the sample, namely: S7	7
<b>S10:</b> Representation of the chromatogram of the sample, namely: S8	7
<b>S11:</b> Representation of the chromatogram of the sample, namely: S9	8
<b>S12:</b> Representation of the chromatogram of the sample, namely: S10	8
<b>S13:</b> Representation of the chromatogram of the sample, namely: S11	9
<b>S14:</b> Representation of the chromatogram of the sample, namely: S12	9
<b>S15:</b> Representation of the chromatogram of the sample, namely: S13	10
<b>S16:</b> Representation of the chromatogram of the sample, namely: S14	10
<b>S17:</b> Representation of the chromatogram of the sample, namely: S15	11

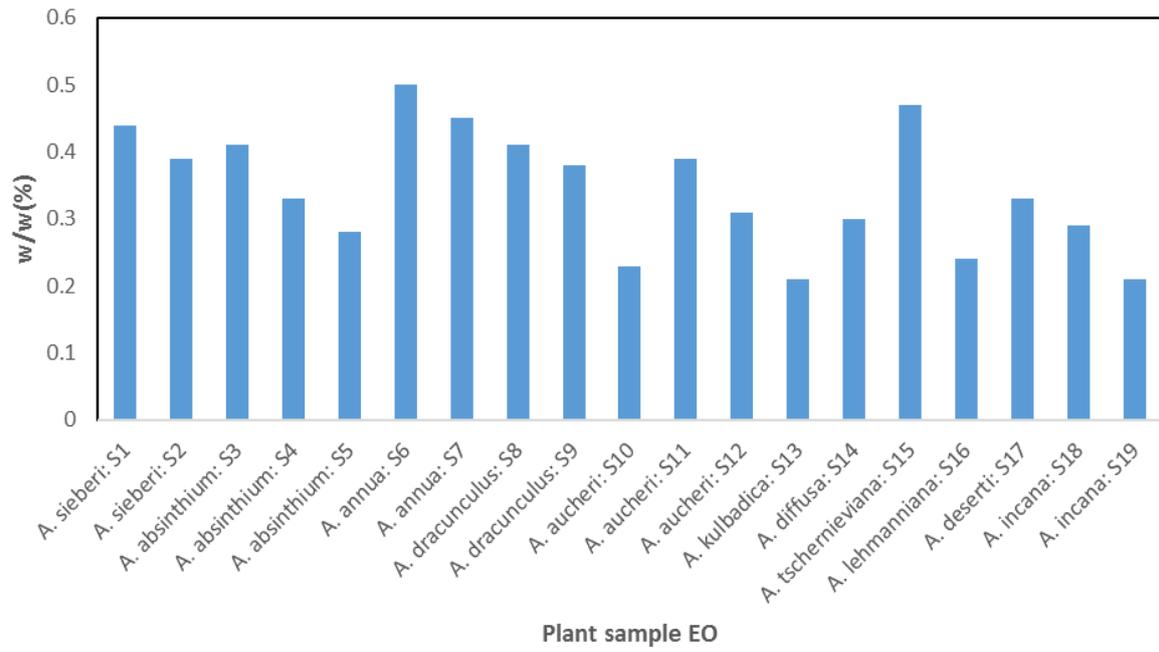
---

\* Corresponding author: E-Mail: [majidmohammadhosseini@yahoo.com](mailto:majidmohammadhosseini@yahoo.com) ; Phone: 098-23-32394530; Fax: 098-23-32394537

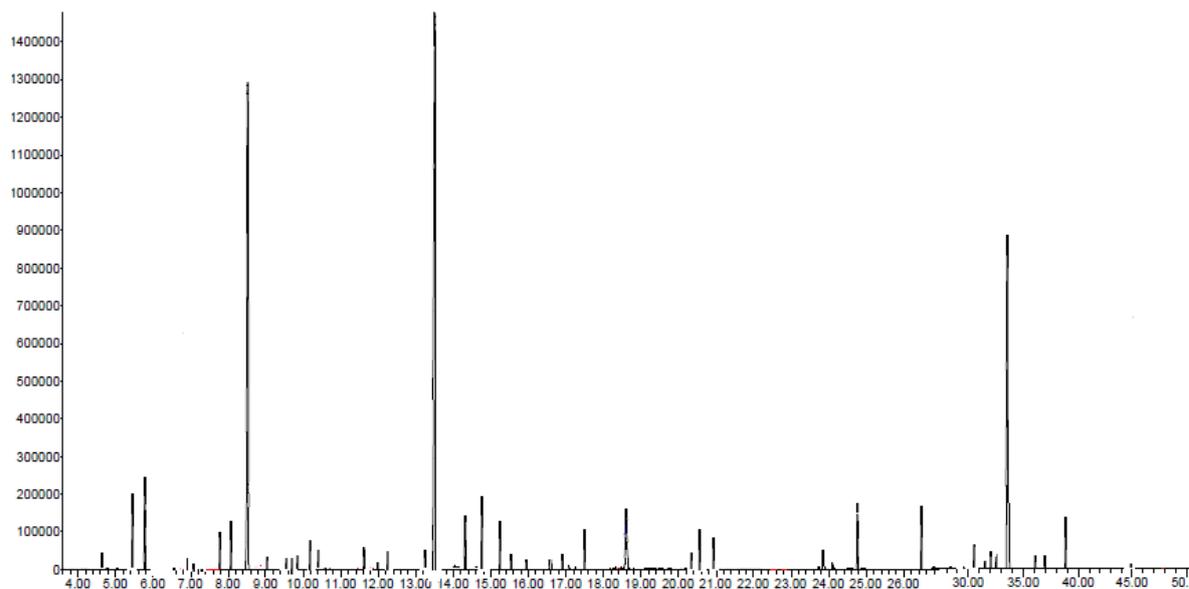
- S18:** Representation of the chromatogram of the sample, namely: S16 11  
**S19:** Representation of the chromatogram of the sample, namely: S17 12  
**S20:** Representation of the chromatogram of the sample, namely: S18 12  
**S21:** Representation of the chromatogram of the sample, namely: S19 13



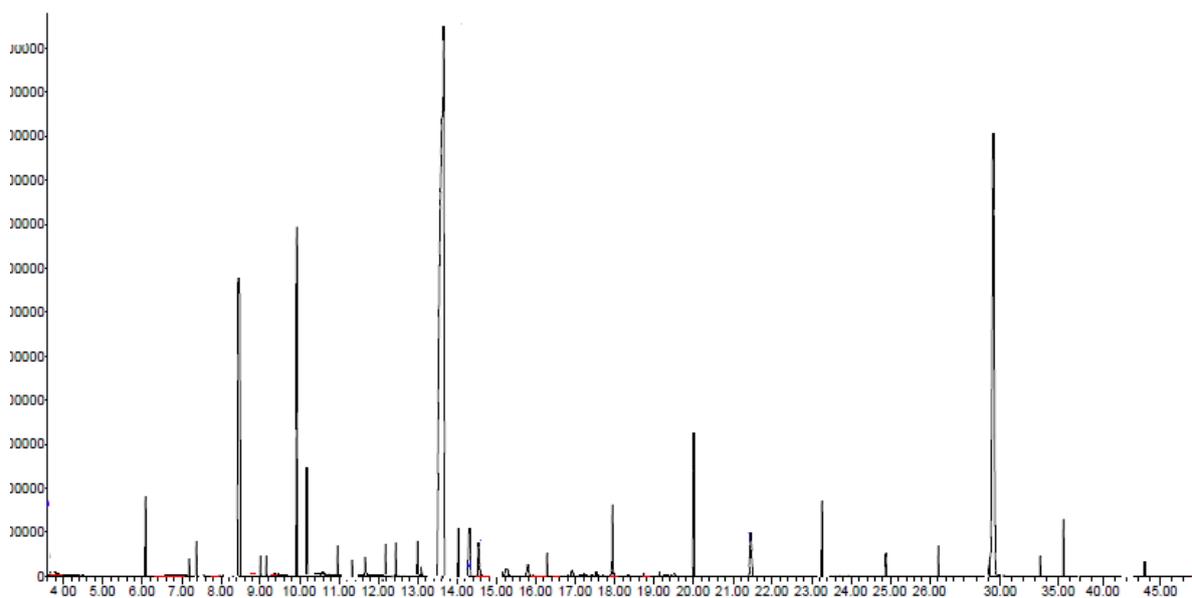
**S1:** Geographical origins concerning the populations of 19 Iranian *Artemisia* species (Sample numbers were the same as given in Table 1).



**S2:** Variations in the essential oil contents from the eleven species of *Artemisia* genus in Iran



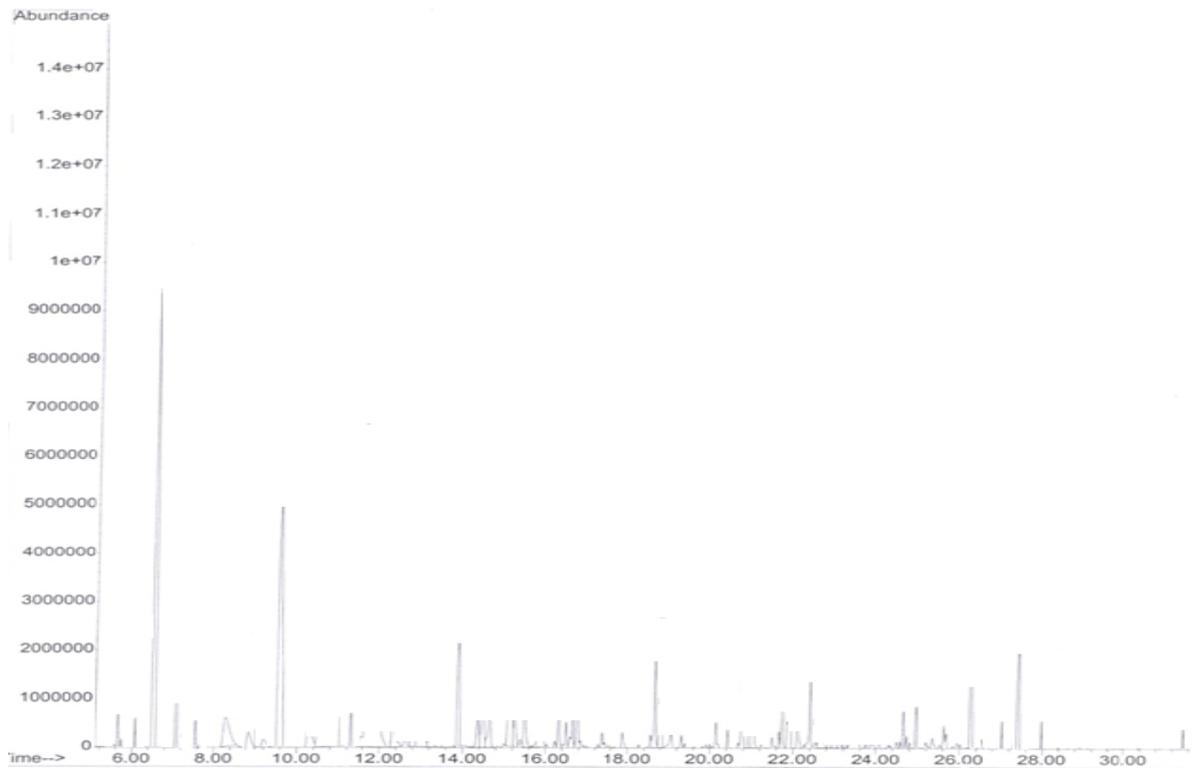
**S3:** Representation of the chromatogram of the sample, namely: S1



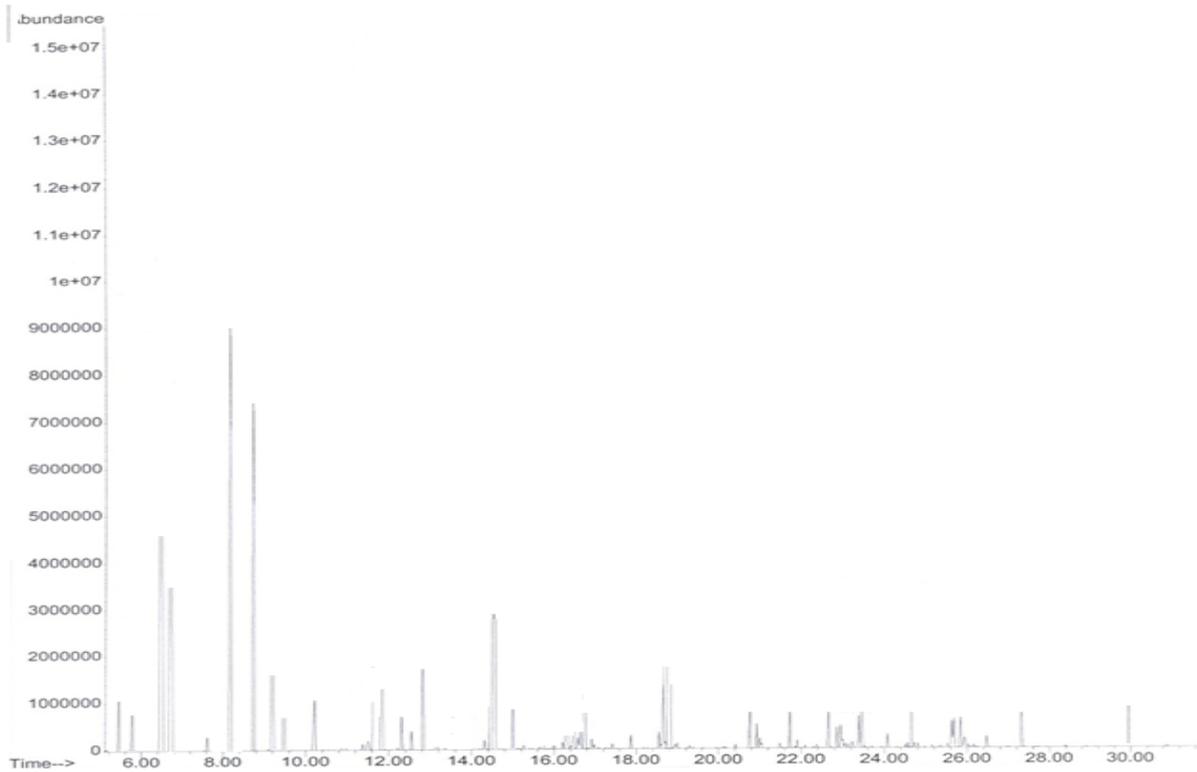
**S4:** Representation of the chromatogram of the sample, namely: S2



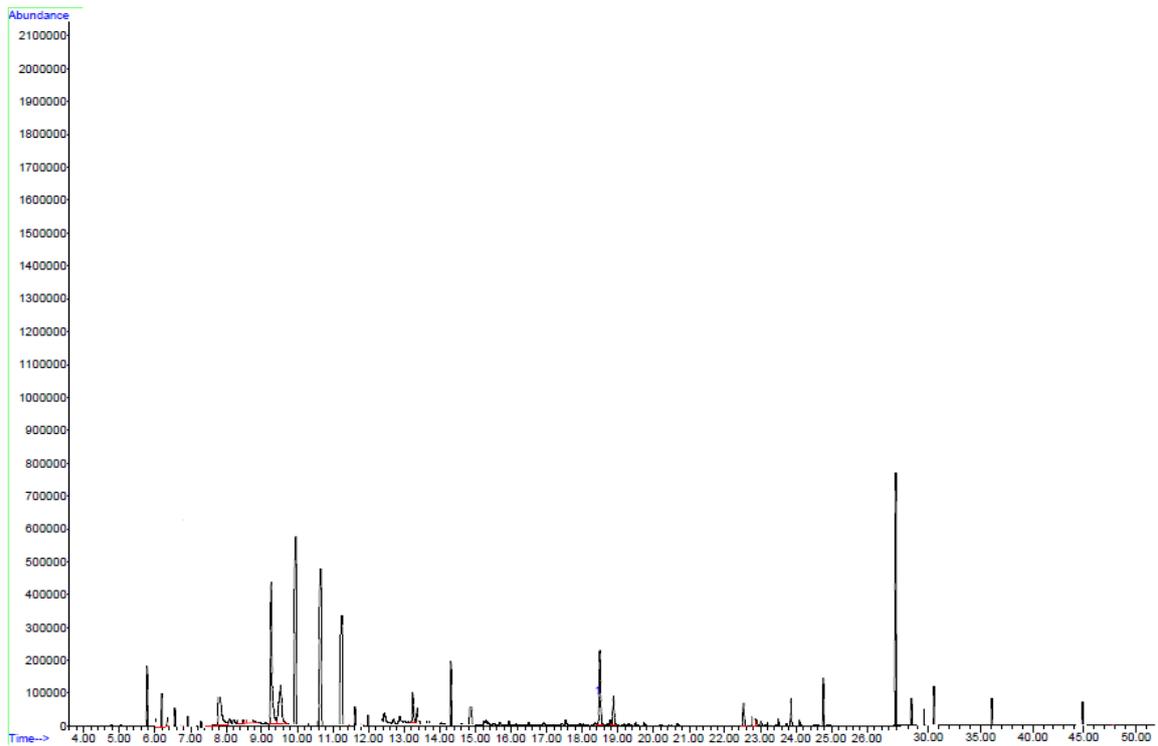
**S5:** Representation of the chromatogram of the sample, namely: S3



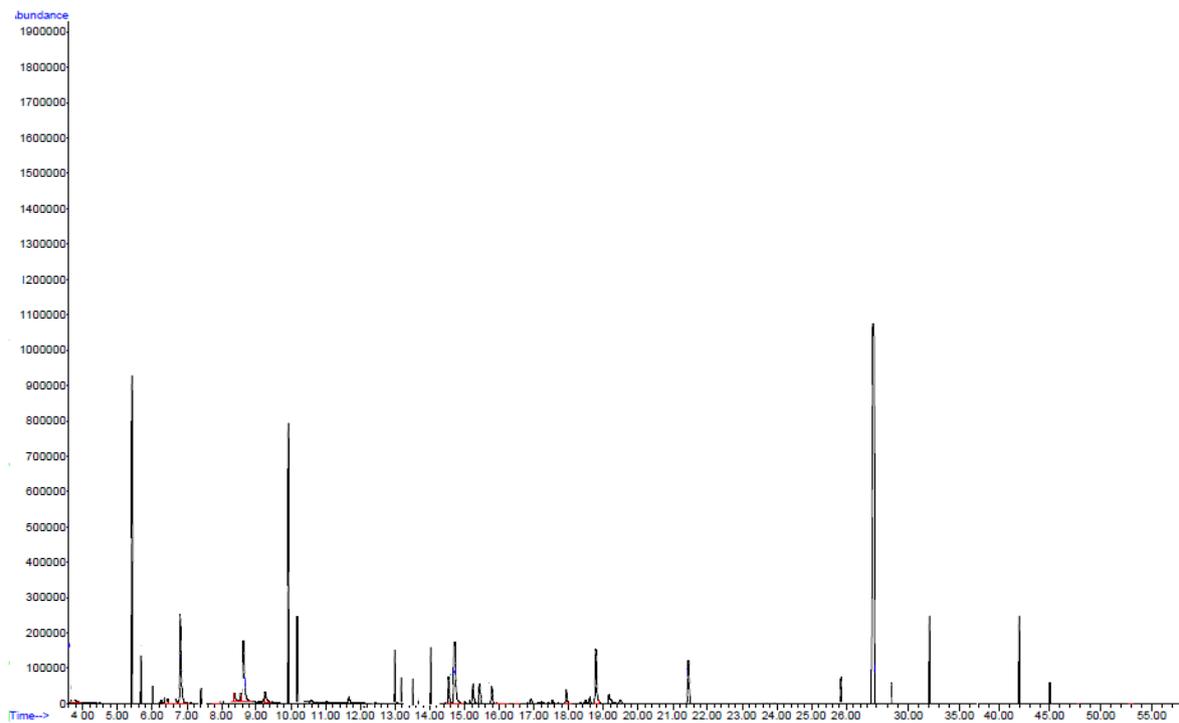
**S6:** Representation of the chromatogram of the sample, namely: S4



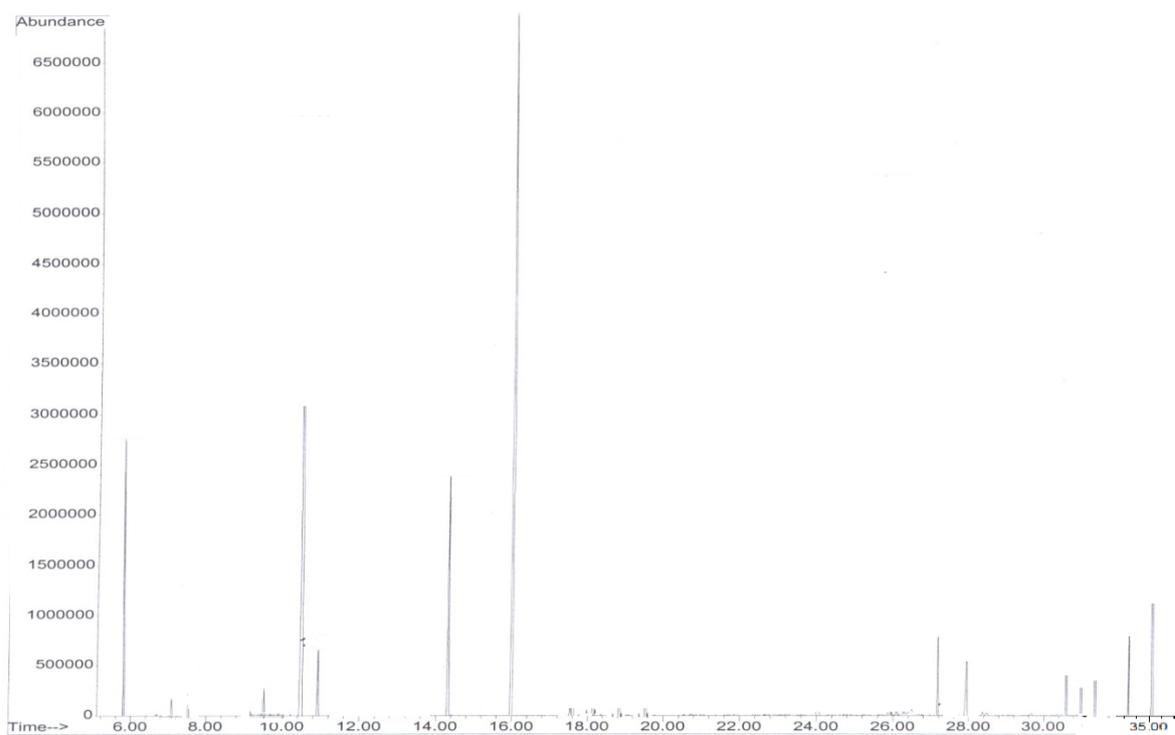
**S7:** Representation of the chromatogram of the sample, namely: S5



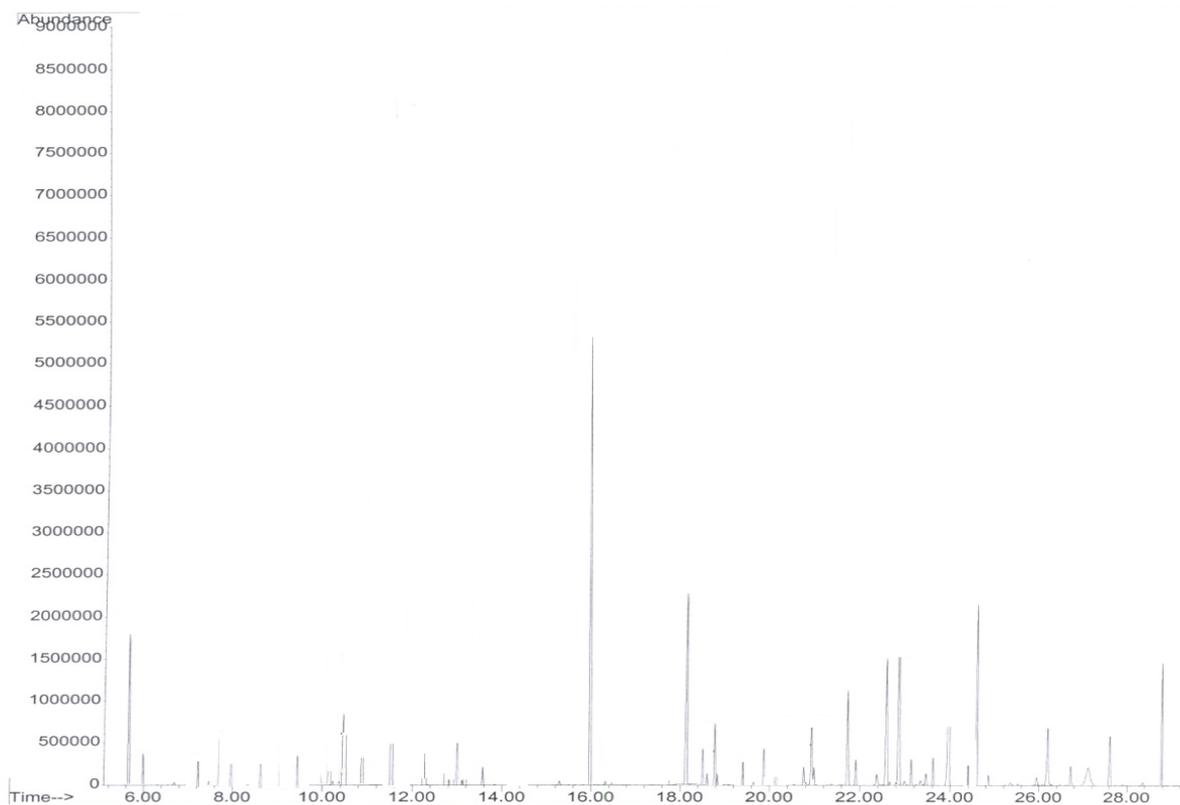
**S8:** Representation of the chromatogram of the sample, namely: S6



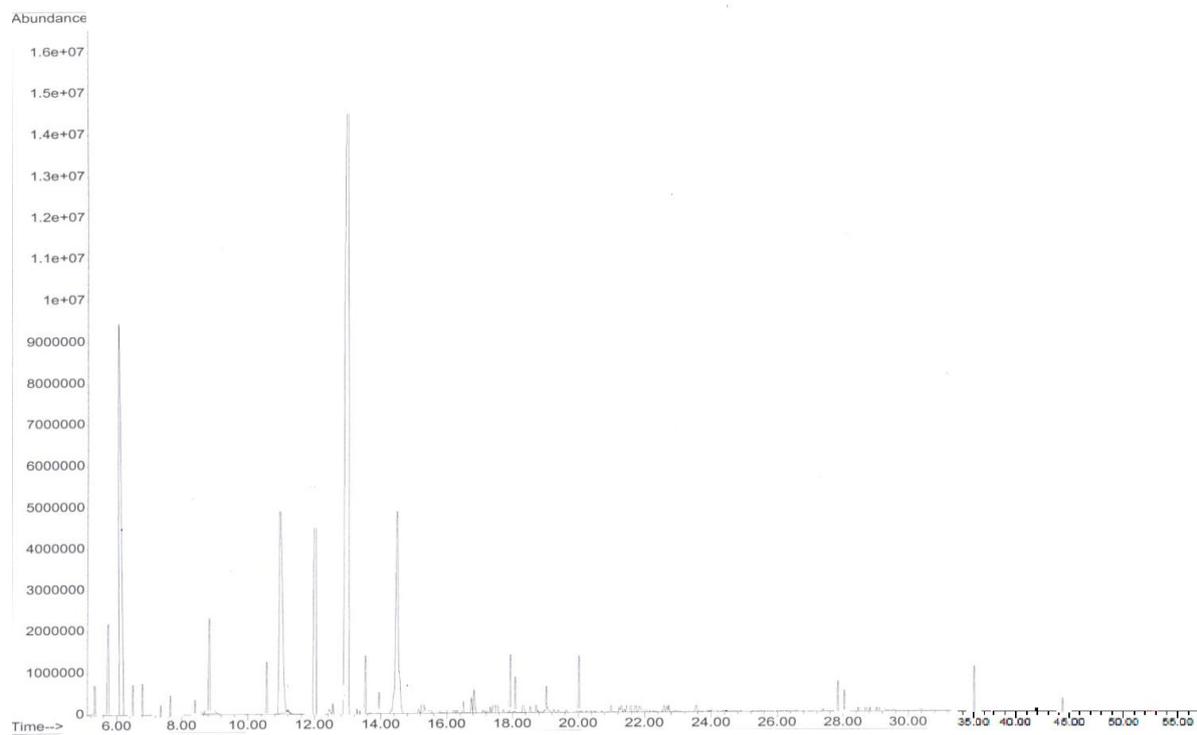
**S9:** Representation of the chromatogram of the sample, namely: S7



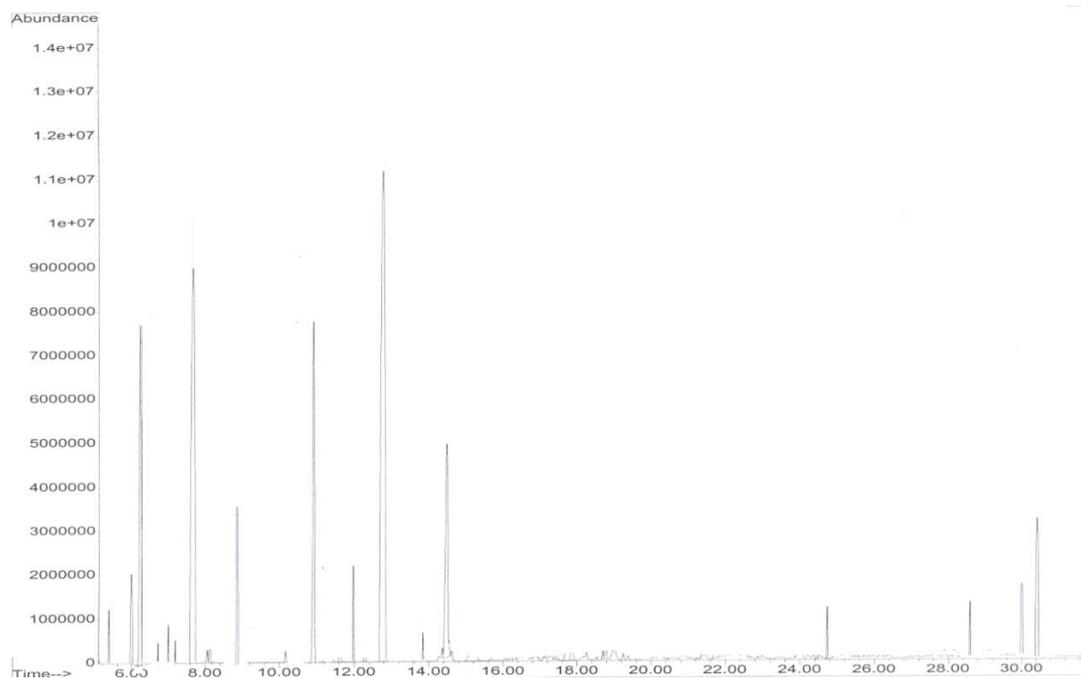
**S10:** Representation of the chromatogram of the sample, namely: S8



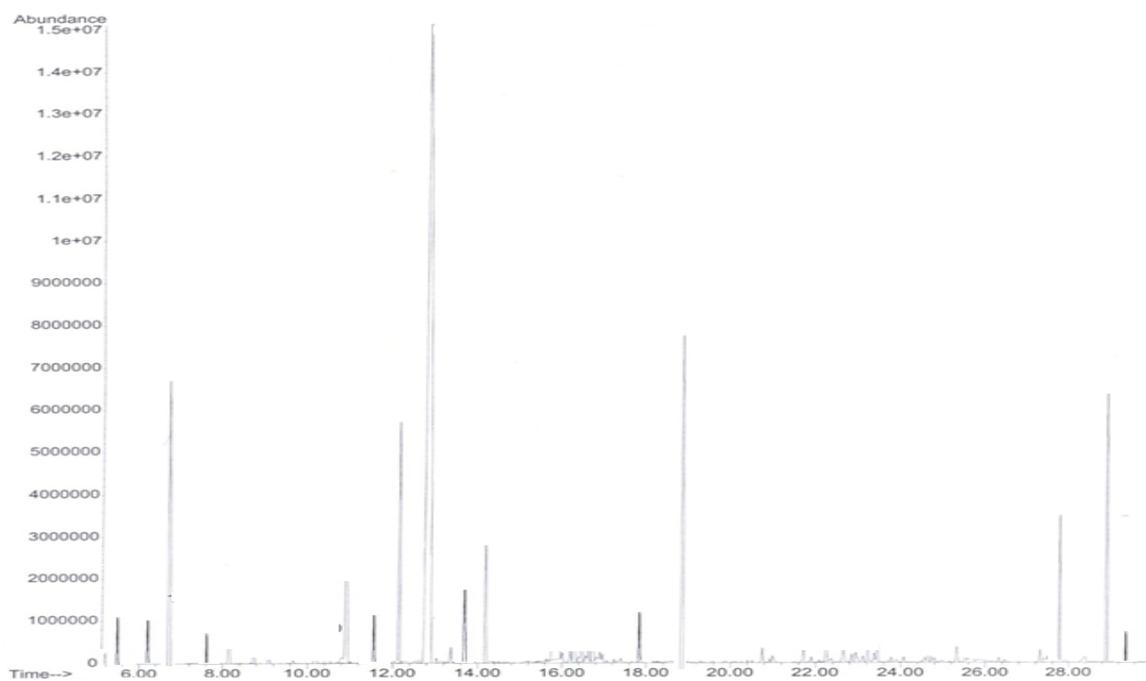
**S11:** Representation of the chromatogram of the sample, namely: S9



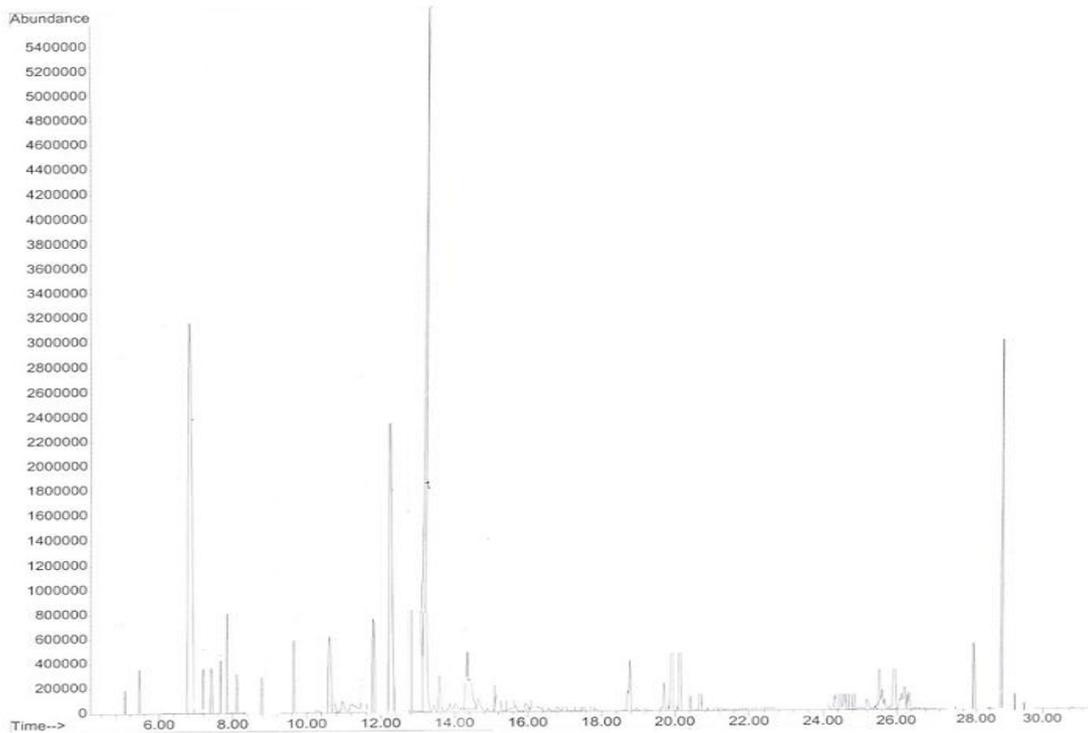
**S12:** Representation of the chromatogram of the sample, namely: S10



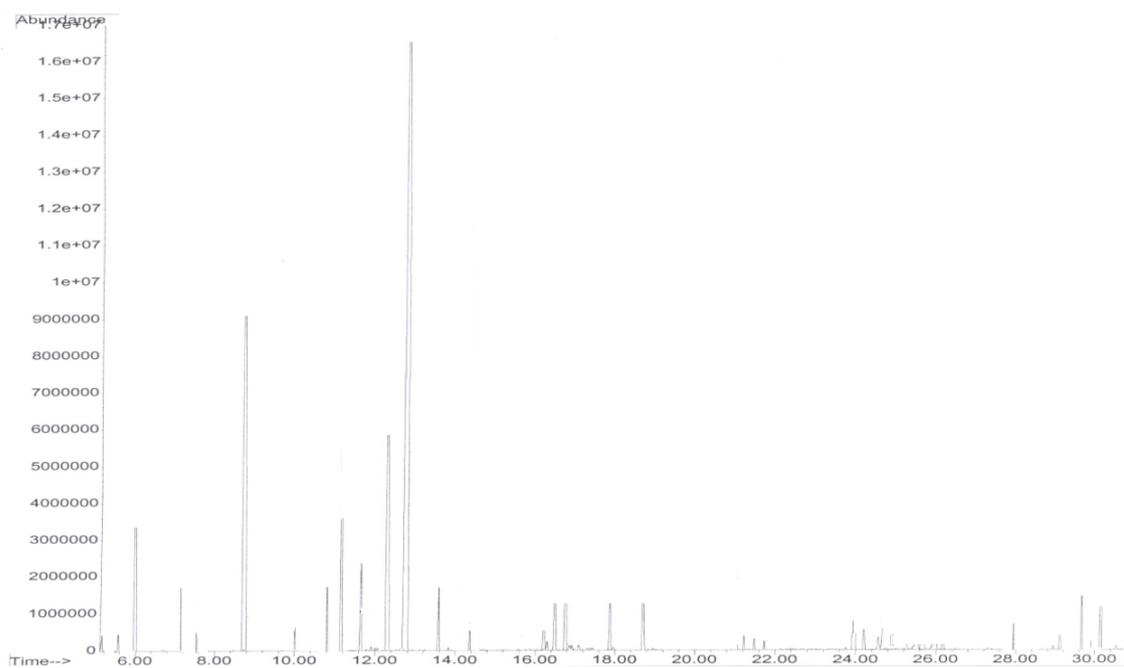
**S13:** Representation of the chromatogram of the sample, namely: S11



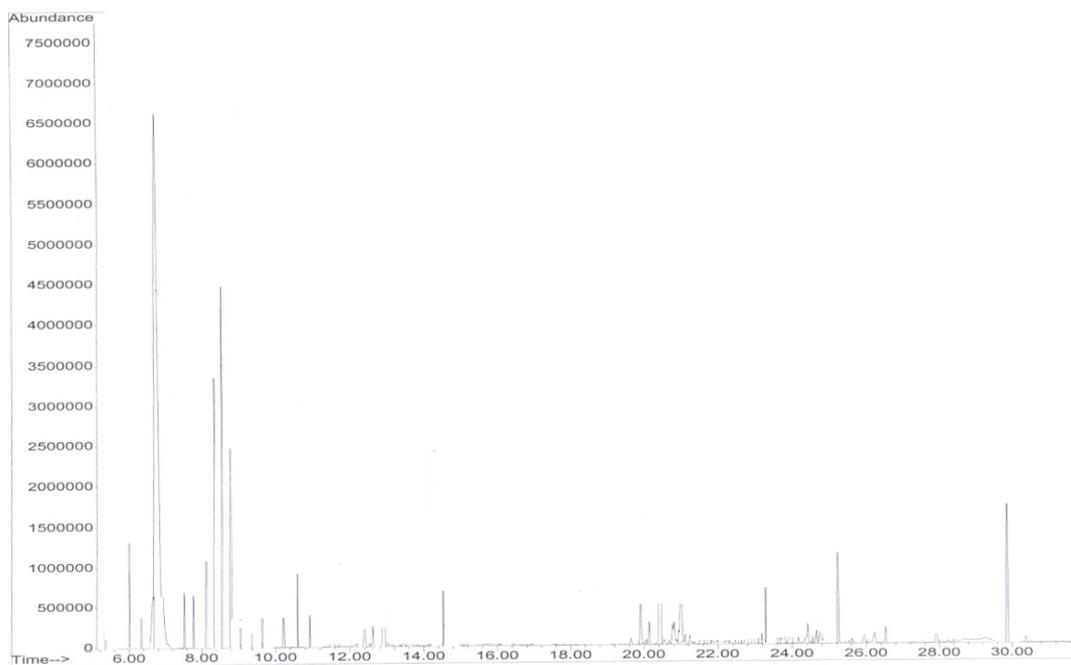
**S14:** Representation of the chromatogram of the sample, namely: S12



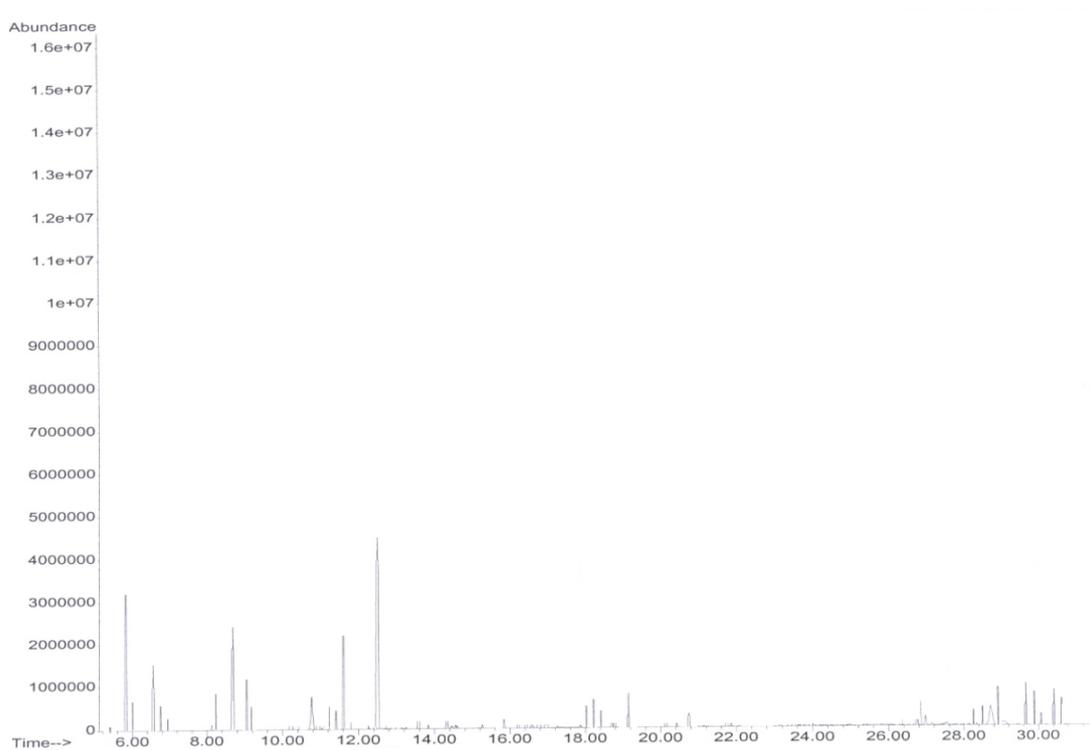
**S15:** Representation of the chromatogram of the sample, namely: S13



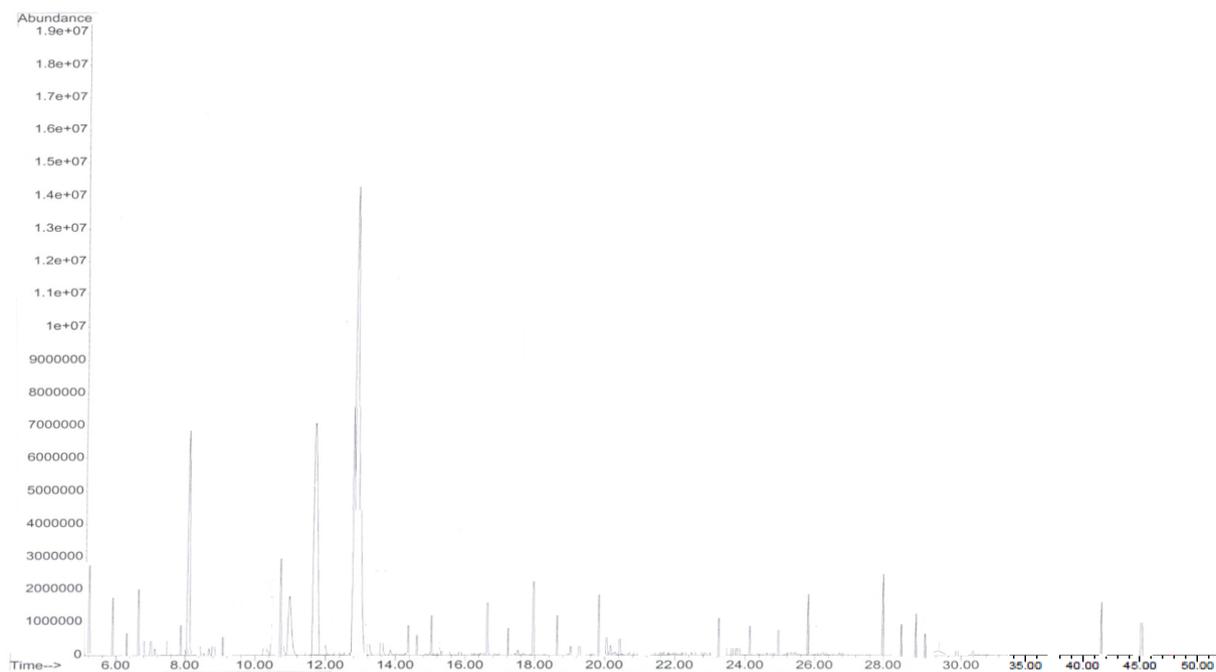
**S16:** Representation of the chromatogram of the sample, namely: S14



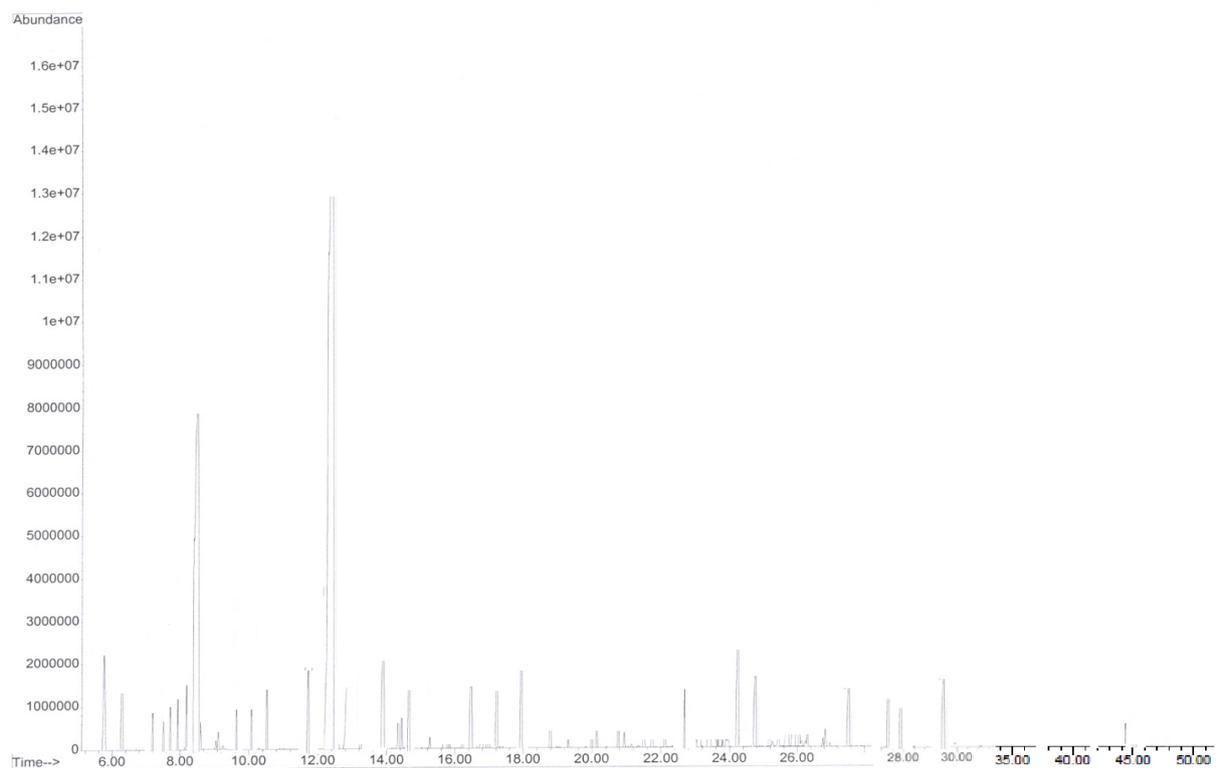
**S17:** Representation of the chromatogram of the sample, namely: S15



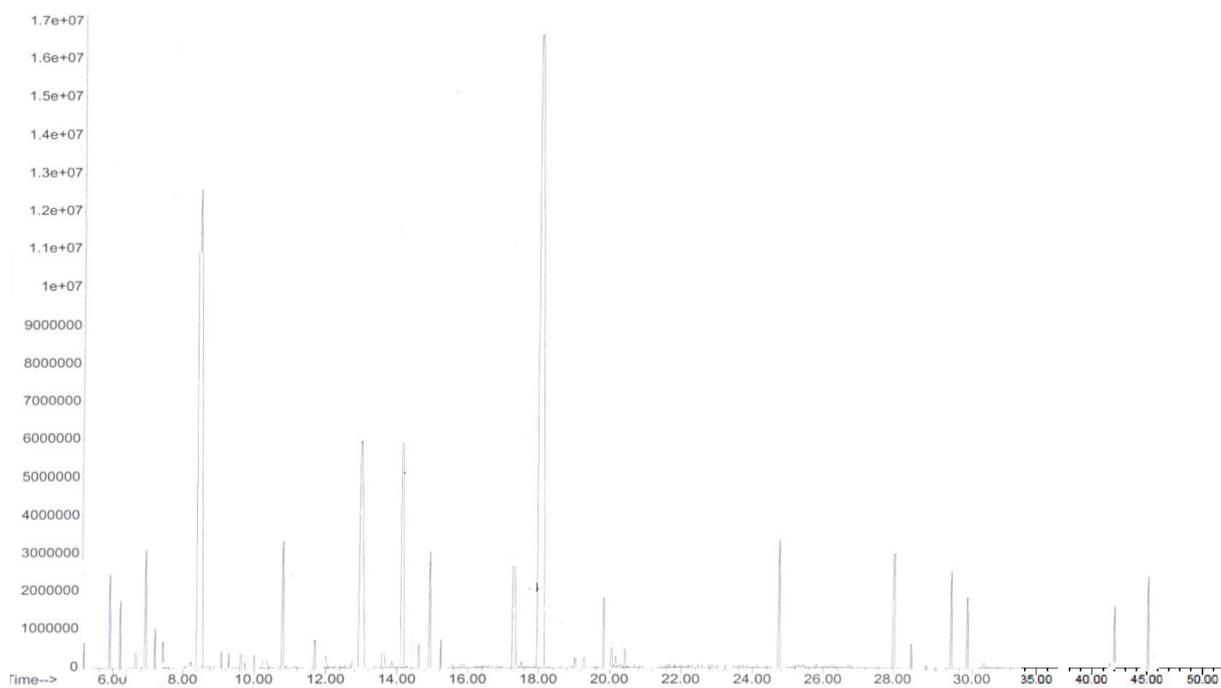
**S18:** Representation of the chromatogram of the sample, namely: S16



**S19:** Representation of the chromatogram of the sample, namely: S17



**S20:** Representation of the chromatogram of the sample, namely: S18



**S21:** Representation of the chromatogram of the sample, namely: S19