

# Evaluation, by GC-FID, of the stability of oregano during its storage after harvest and drying

Ecole industrielle & commerciale

26<sup>™</sup> National Symposium for **Applied Biological** Sciences 2022 Antwerp, Belgium, July 08, 2022

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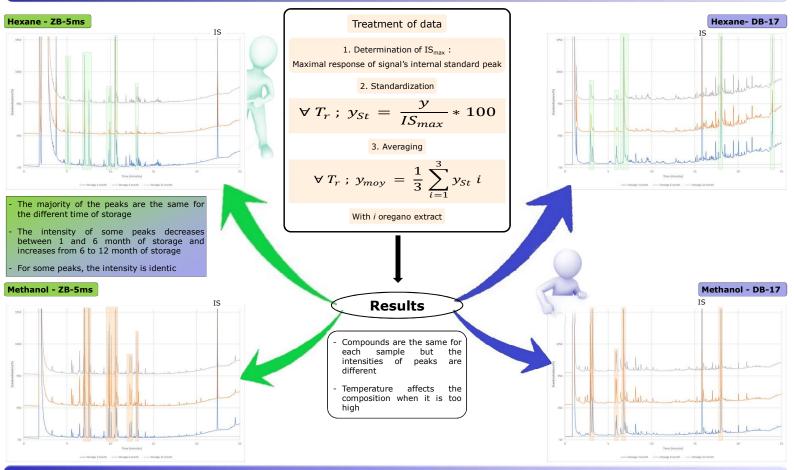
#### Introduction

This study is performed in order to look for specific markers related to the storage of oregano samples. Two producers supplied three oregano samples each month during one year. These samples were produced in open fields. The cultivation was organic and the samples were harvested during the summer when the plants are in flowers. Each sample is dried in open air for 48 hours. Before conditioning for analyses, samples have been stored, and the storage period being different for each producer.

### **Material and Method**



#### Results



## **Conclusions**

The chromatograms show that the coumpounds are the same but the intensity for some of the peaks is different. Indeed, the intensity decreases duringthe first 6 months of storage and increases between 6 and 12 months. So, the time or the condition of storage could have an influence in the composition of oregano. For an identic time of storage, a difference in the intensity of peaks is visible, meaning that the period of harvest may have an impact in the presence of compounds in the sample.

