



DEVELOPPING A METHOD OF IDENTIFYING VOLATILES IN DESERT SOIL PETRICHOR

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THE METHOD

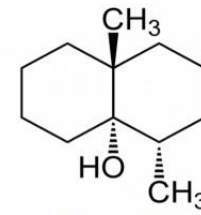


- Samples taken from the Negev Desert (Israel)
- Crust and top soil
- Rehydrated for 48 h
- Solid Phase MicroExtraction
- Gas Chromatography/ Mass Spectrometry
- Peak identification

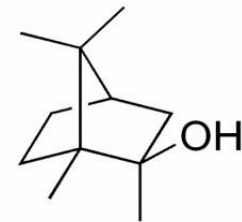
THE RESULTS

- Two main compounds: Geosmin and 2-Methylisoborneol
- Crust < Top soil
- Successful method

- What's next?



Geosmin



MIB

SUCCESS

