



## ▶ Tzavellas Ilias

M.Sc. Student at University of Athens  
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### Education

**B.Sc. in Electrical Engineering (2010 – 2014)**, Hellenic Airforce

**B.Sc. in Chemistry (2014 – 2018)**, National and Kapodistrian University of Athens, Grade: 7.02/10.00

**M.Sc. in Analytical Chemistry (2018 – present)**, National and Kapodistrian University of Athens, Grade: - /10.00

### Research Topics:

**Undergraduate Thesis:** Determination of Trace-Elements in Animal Food samples using MP-AES (Microwave plasma – Atomic Emission Spectrometer) Grade: 10.00/10.00

**Master's Thesis:** Developing the methodology of, with non-Targeted Screening using Liquid Chromatography combined with a High-Resolution Mass Spectrometry (HRMS), aiming to detect the adulteration of olive oil.

**Grade:** - /10.00

### Research Interests

**General Research Interests :** Food Authenticity , Reversed Phase Liquid Chromatography (RP-LC) , High Resolution Mass Spectrometry (HRMS) [QTOF] , Application of Target, Suspect and non-Target Screening workflows ,Determination of Heavy Metals in Water and Food samples using Atomic Emission Spectrometry (AES) & Atomic Absorption Spectrometry (AAS) , Sample preparation techniques (Solid Phase Extraction) , Environmental Analysis (monitoring of priority pollutants and emerging contaminants in environmental samples)

### Professional Affiliations

Association of Greek Chemists, 2008-Present

### Contact information

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