

LAURA FREIJE CARRELO

PhD Student of the Enriched Stable Isotopes research group



Academic Studies

BSc in Chemistry, University of Oviedo (2013)

International Master's Degree in Analytical and Bioanalytical Chemistry, University of Oviedo (2014)

Contact

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Research topics

Research Lines:

- Online carbon isotope dilution for quantification without specific standards.
- On-line IDMS-HPLC- IRMS for the purity assessment of analytical standards and peptides.

Mass Spectrometry Experience:

Mass Spectrometers: quadrupole (Q), triple quadrupole (QqQ), sector field (HR).

Ionization Sources: Inductively Coupled Plasma (ICP), Electronic Impact (EI).

Sample introduction and/or separation techniques: Liquid and Gas Chromatography.

Fields: Clinical, environmental analysis, metrology.