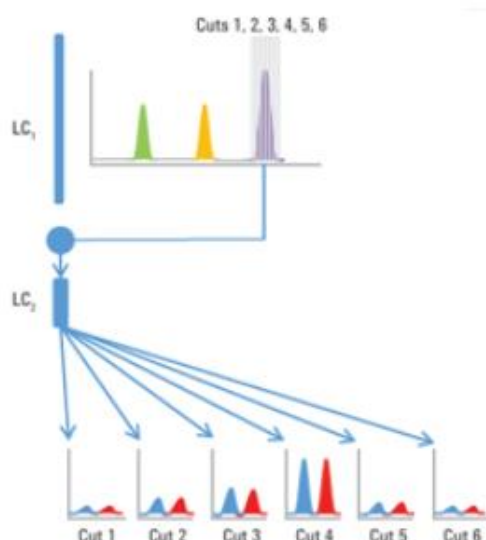


WEBINAR series



12 June 2025
11:00 CEST

Join us for the webinar, presented in collaboration with Agilent Technologies, to learn about the latest innovations in chromatography. This series of events is designed to meet modern labs' evolving needs.

Webinar

Is 2D-LC the answer to highest resolution and more peak capacity ?

Short Description

Registration



Simplify complex separations fast and replace multiple one-dimensional separations by one two-dimensional separation for better results in less time!

Two-dimensional liquid chromatography (2DLC) is a powerful technique for achieving higher resolution and greater peak capacity, simplifying complex separations fast. Combining two different separation mechanisms, allows a more comprehensive analysis of complex mixtures. Key advantages of 2DLC includes: Enhanced Peak Capacity, Improved Resolution, enhanced sample cleanup: removes matrix interferences, leading to cleaner and more accurate results, higher sensitivity.

Key applications:

- **Pharmaceutical Analysis:** used to separate complex drug formulations, detect impurities, and analyse biopharmaceuticals.
- **Natural Product Chemistry:** identifying and characterizing compounds in herbal medicines and plant extracts.
- **Polymer Analysis:** Used to study polymer compositions and molecular weight distributions.
- **Forensic Science:** for toxicology and drug analysis to detect trace substances in forensic investigations.

Speaker:

Laura Montis

Product Specialist, Liquid Phase Separations
EMEA – IDO Agilent Technologies