

Solvere™

Carbon Selective Detection for HPLC

The Solvere is a new detector that allows for the use of the flame ionization detector (FID) in liquid chromatography (HPLC/UHPLC), size exclusion chromatography (SEC/GPC), and supercritical fluid chromatography (SFC) using a novel solvent removal and reaction system. The resulting detector is capable of low-level analysis of non-volatile organic molecules and offers a large linear range, the ability to detect compounds without chromophores, and streamlined analysis by allowing for the use of gradients.



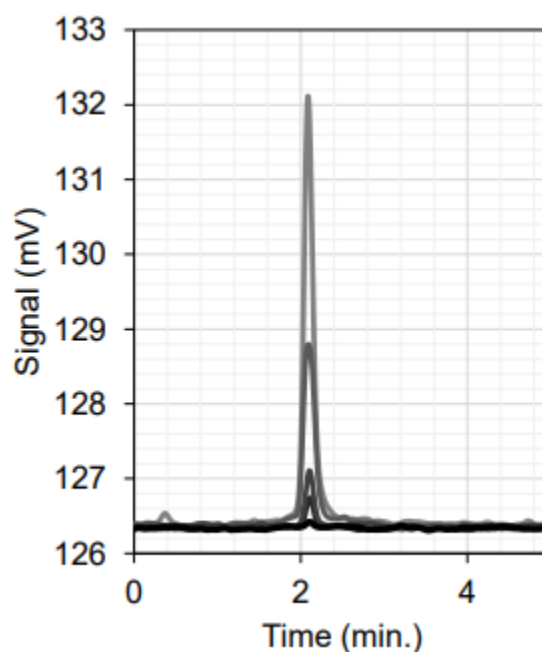
Applications include:

- ✓ Proteins and peptides
- ✓ Sugars and carbohydrates
- ✓ Polymers
- ✓ Biopharmaceuticals
- ✓ And more

- ✓ Increase accuracy and detect compounds without chromophores
- ✓ Take advantage of the wide linear range of the FID
- ✓ Use one detector with all mobile phases and gradients

*"To be able to obtain a near-universal response for all compounds during a solvent gradient has been a **major need for many years.**"*

- Senior Technology Leader, Major Chemical Company



Overlay of chromatograms of polyethyleneimine at 10-1000 ppm (above).