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).