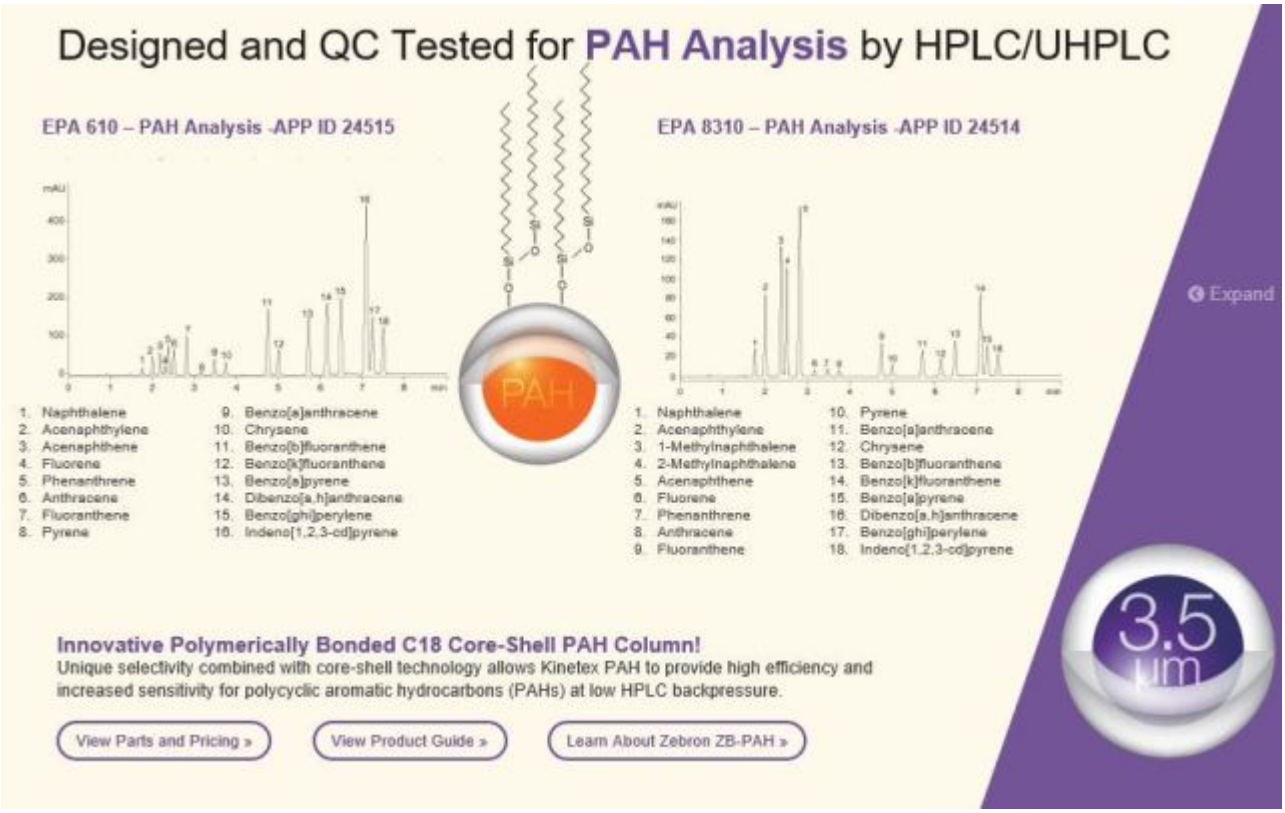
Phenomenex has welcomed new products into the family!

Introducing two new columns for the analysis of Polycyclic Aromatic Hydrocarbons (PAHs)—Kinetex® 3.5µm PAH and **Zebron™** ZB-PAH. With increased focus on **environmental** and **food safety**, the demand for PAH testing by **liquid chromatography (LC)** and **gas chromatography (GC)** has been on the rise along with the need for a greater sample throughput.

The Kinetex 3.5µm PAH was specifically developed for faster, higher efficiency analysis of PAHs by LC. **Kinetex** PAH features a proprietary polymerically bonded C18 stationary phase designed to ensure resolution between critical PAHs. Combined with a core-shell particle morphology, the Kinetex PAH is able to provide faster analysis times and greater gains in sensitivity than current fully porous solutions can.

With a low pressure 3.5µm **core-shell particle**, customers can take advantage of the fantastic Kinetex PAH performance on either HPLC or UHPLC instrumentation. It is also quality tested with both EPA 610 and EU/EFSA 15+1 PAH mixes to ensure that the defined selectivity for PAH isomers is highly reproducible.

Ultimately, Kinetex PAH will provide expanded resolution with chemical selectivity specifically for PAHs. It will also increase HPLC/UHPLC throughput and sensitivity with core-shell technology.



Zebron ZB-PAH GC columns were developed and manufactured to provide the most optimal performance for EU-regulated polycyclic aromatic hydrocarbons. The columns are individually tested with an application specific to PAH QC test probe mixture and deliver a baseline resolution of critical PAH isomers, such as benzo[b,j,k] fluorathene. With exceptional thermal stability and low column bleed at elevated temperatures, ZB-PAH columns bring the added benefit of a long column lifetime, along with a consistent column inertness that promotes accurate separation for isomer pairs. This column is also able to accurately quantitate EU and EPA PAHs in less than 28 minutes.

Phenomenex is not just an LC or GC company; we are a solution provider focused on aiding our customers with all their separation science challenges. When it comes to PAH analysis in the Environmental and Food Safety sectors, many just focus on LC or GC. That is why we are providing options for both LC ***and*** GC products. This allows the customer to choose the right column based on their current instrumentation to produce the best results.

Along with these two great new columns, Phenomenex also offers a range of sample preparation solutions, which includes Strata silica, **Strata-X polymeric solid phase extraction products**, and cost effective **roQ QuEChERS kits** to improve sample sensitivity and recovery.

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Summary

Article Name

It's Time to Prioritize Your PAHs testing with LC and GC!

Description

Phenomenex is happy to introduce a better and easier way to analyze polycyclic aromatic hydrocarbons (PAHs) for both LC and GC.