



FOR IMMEDIATE RELEASE

Contact

Rajvi Mehta
Activated Research Company
612-787-2721
rajvi.mehta@activatedresearch.com

Solvere Awarded 2019 The Analytical Scientist Innovation Award

Products selected represent "transformational tech" of 2019

Eden Prairie, MN, December 18, 2019 – Activated Research Company's (ARC) newest detector, the Solvere Carbon Selective Detector (CSD) has been selected as number one for The Analytical Scientist Innovation Awards (TASIA) in 2019. The theme for this year's awards is "The Shape of Things to Come." The complete awards are published on The Analytical Scientist website and can be found [here](#).

The [Solvere](#) is a new liquid chromatography (LC) detector that brings the benefits of the Flame Ionization Detector (FID) to LC. Using ARC's expertise in catalysis and reactor design, a novel method was developed for removing volatile compounds, which allows for the use of both aqueous and organic solvents with the detector. Non-volatile components in the sample stream are transformed into the gas phase, converted to methane, and then detected by the FID with a linear range of five orders of magnitude.

"We see the potential for the Solvere to make a large impact across many applications, especially in polymer and biopharma analyses," said Rodd Joos, Chief Operating Officer of ARC. "Customers have been asking for a detector with a wide linear range, equimolar response, and great sensitivity, all with simplified quantitation, so we're excited to bring them a detector that meets all of their needs."

A Judge from the TASIA selection committee shared, "Quantification of HPLC peaks of unknowns or of compounds for which no standards were available has resulted in numerous errors. Now every compound can be quantified, taking away subjective assumptions and large errors." The Solvere will be commercially available in 2020.

About Activated Research Company

Activated Research Company (ARC) was founded in 2014 with a mission to make chemical analysis easy. ARC's products harness the latest in 3D printing and catalytic technologies to bring universal carbon response and compound independent calibration to gas chromatography and liquid chromatography. These innovations open new capabilities to researchers and improve analytical workflow in their laboratories. For more information, visit www.activatedresearch.com.