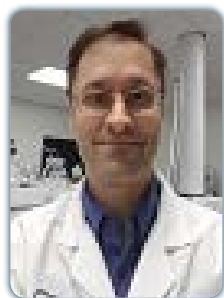


18th International Conference on

World Analytical Chemistry & Mass Spectrometry & World HPLC, Separation Techniques & Pharmacovigilance

August 29-30, 2018 | Toronto, Canada



Marc A Plante

Boston Analytical, USA

HPLC method development and troubleshooting

Separation technology is a critical tool for the determination of many aspects for the goods and products that we use every day: from the multiple aspects of pharmaceuticals we take for our health, the researching and evaluation of new biosimilars, the products that we buy and use and to the food and water we consume every day. It's being an honor of being invited to speak on some of this technology, where I will have experience with the development and promotion of one of the more recent detector technologies for HPLC: the Corona charged aerosol detector. During my eight years as an applications chemist at ESA Biosciences, Dionex and Thermo Fisher Scientifically its being able to create many novel applications encompassing lipids of all variety, biofuels, carbohydrates, foods, ions, pharmaceuticals, surfactants, proteins, industrial chemicals and pretty much everything else. Along with this work, it's a unique opportunity to provide ideas for improving the detector, some of which were incorporated. This detector is still relatively new for HPLC and here at this conference, we will be hearing about the newer technologies that are in development and their uses, including new solid-phase extraction techniques, column materials and other separation technologies and methods.

Biography

Marc Plante has been working in the field of analytical chemistry and chromatography for over 25 years, complete with a variety of publications, speeches, webinars and a wide range of experience. He first earned his BSc in Chemistry with two minors in engineering at Rensselaer Polytechnic Institute in Troy, New York and then a doctorate in Physical-Organic chemistry at Northeastern University. His first employment involved a novel semi-synthetic taxane process, for which he helped develop a now-patented chromatographic purification system. Over the course of his current career, he has largely worked with small-molecule chromatography, with much of his work involving the Corona Charged Aerosol Detector. At ESA, Dionex and Thermo Fisher Scientific, he created application notes and posters, gave many presentations and wrote two book chapters. He also provided some ideas for improving the detector's capabilities.

mplante@bostonanalytical.com

Notes: