

Michael J. Grippi

Education:

- B.S. Chemistry, The College of New Jersey (1998)
- M.S. Analytical Chemistry, Drexel University (2005)

Professional Experience

- National Starch & Chemical Co. (1998-1999): Analytical Chemist, Synthetic Polymer Research
- Quaker Chemical Corporation (1999 – Present): Analytical Chemist I, Analytical Chemist II, Group Leader of North American Analytical Research & Services Lab

Areas of Interest:

Analytical method development and optimization involving:

- Macro-scale wet chemical separations including normal/reversed phase/ion-exchange solid phase extraction, solvent extraction, and traditional column chromatography.
- Instrumental methods of separation including normal and reversed phase HPLC, Gel Permeation Chromatography Gas Chromatography, Gas Chromatography/Mass Spectrometry, and Ion Chromatography.
- Structural identification of organic compounds via spectroscopic methods including FT-IR Spectroscopy and Mass Spectrometry.
- Quantitative separations of small molecule and polymeric lubricant additives from highly complex matrices