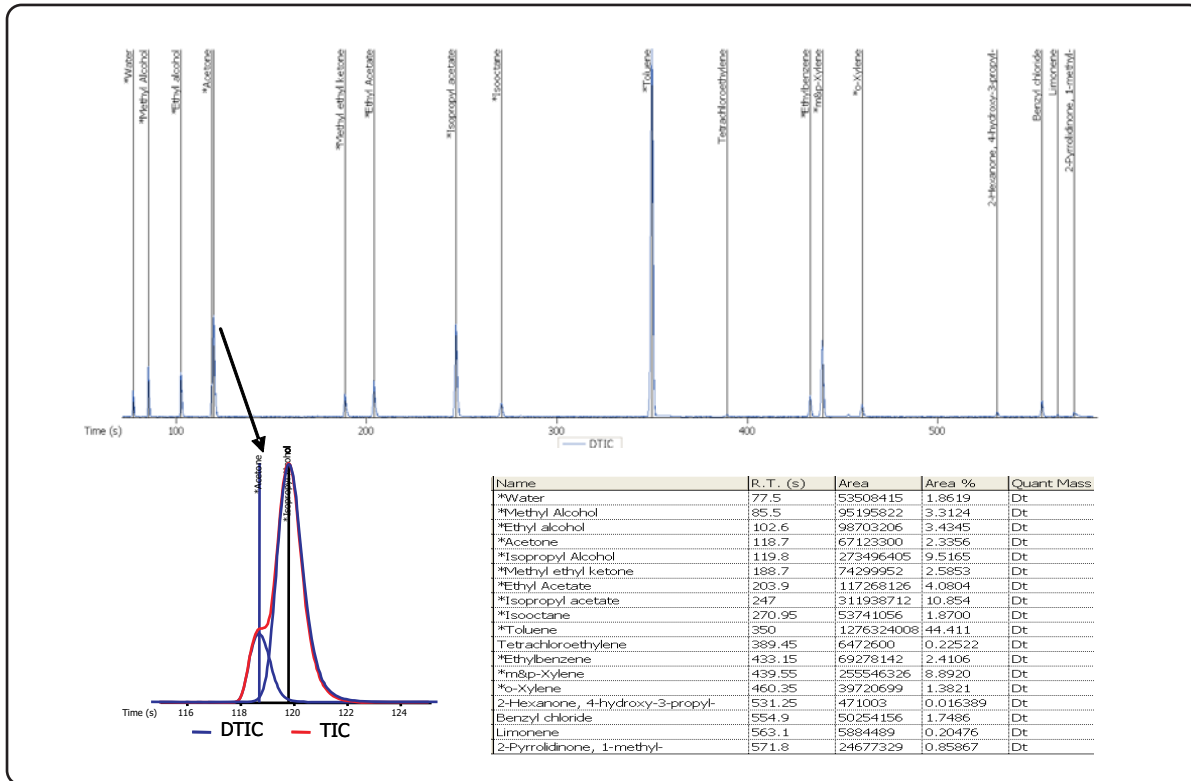


# Quantitative Analysis of Solvent Mixture by GC-TOFMS Using Area Percent Quantitation

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Using the deconvoluted total ion chromatogram (DTIC) made possible by the True Signal Deconvolution® (TSD®) feature of the ChromaTOF software, GC-TOFMS was used to successfully perform a semi-quantitative analysis of a solvent mixture. In the expanded region, the red trace displays the total ion chromatogram with coelution, while the blue trace shows the DTIC and resulting peak area isolation for each analyte. This technique offers quantitative results similar to those achieved by area % using a flame ionization detector with the added benefit of component identification by MS.

**Column:**  
30 m x 0.25 mm x 1.0 µm Rxi-5ms

**TOFMS:**  
15 to 300 m/z @ 20 spectra/s

For questions on this analysis e-mail us at:  
life\_science@leco.com

For a complete listing of snapshots and application notes visit us on the web at [www.leco.com](http://www.leco.com)

