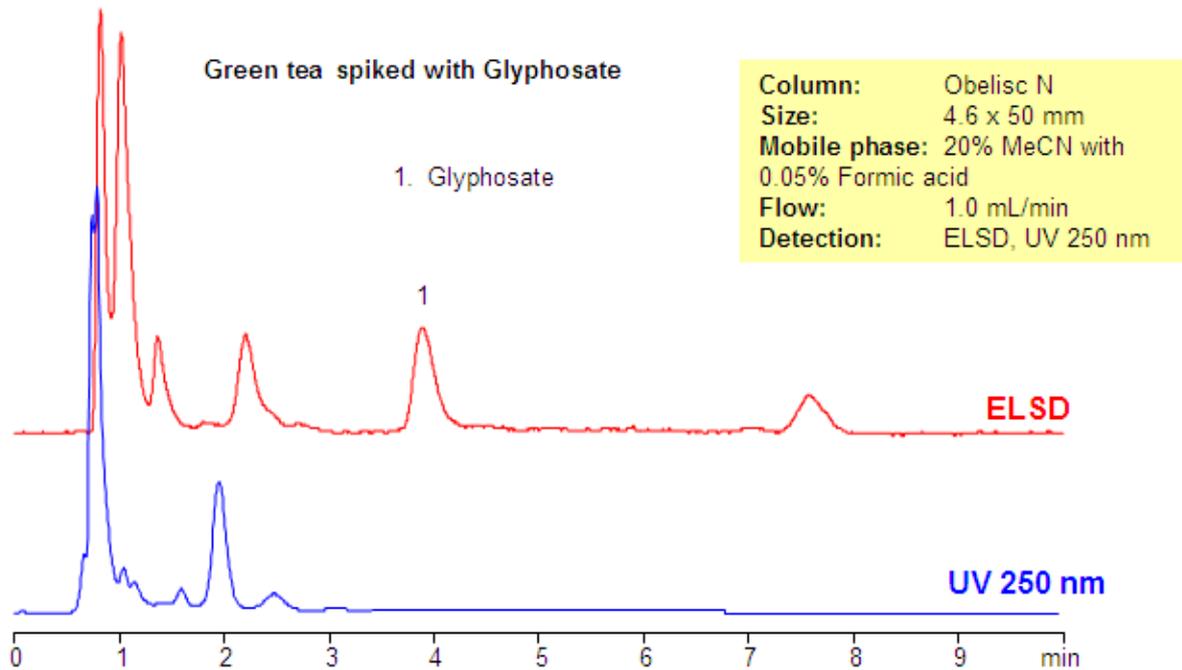


## Method for Analysis of Glyphosate in Green Tea



SIELC has developed the Obelisc™ columns, which are mixed-mode and utilize Liquid Separation Cell technology (LiSC™). These cost-effective columns are the first of their kind to be commercially available and can replace multiple HPLC columns, including reversed-phase (RP), AQ-type reversed-phase, polar-embedded group RP columns, normal-phase, cation-exchange, anion-exchange, ion-exclusion, and HILIC (Hydrophilic Interaction Liquid Chromatography) columns. By controlling just three orthogonal method parameters - buffer concentration, buffer pH, and organic modifier concentration - users can adjust the column properties with pinpoint precision to separate complex mixtures.

### Method Parameters

<b>Column</b>	Obelisc N, 4.6x50 mm, 5 µm, 100 Å
<b>Mobile Phase</b>	MeCN/H <sub>2</sub> O – 20/80%
<b>Buffer</b>	Formic acid – 0.05%
<b>Flow Rate</b>	1.0 mL/min
<b>Detection</b>	UV, 250 nm, ELSD

Quelle: [https://sielc.com/Method\\_For\\_Analysis\\_of\\_Glyphosate\\_in\\_Green\\_Tea](https://sielc.com/Method_For_Analysis_of_Glyphosate_in_Green_Tea)