

# HPLC Application

ID No.: 20893

## Quantification of Triazine Pesticides by QuEChERS and LC/MS/MS

**Column:** Synergi<sup>™</sup> 2.5 µm Fusion-RP 100 Å, LC Column 50 x 2 mm, Ea

**Dimensions:** 50 x 2 mm ID

**Order No:** 00B-4423-B0

**Elution Type:** Gradient

**Eluent A:** Water with 5 mM Ammonium Formate

**Eluent B:** Metanol with 5 mM Ammonium Formate

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	80	20
	<b>2</b>	8	10	90
	<b>3</b>	14	10	90
	<b>4</b>	15	80	20
	<b>5</b>	20	80	20

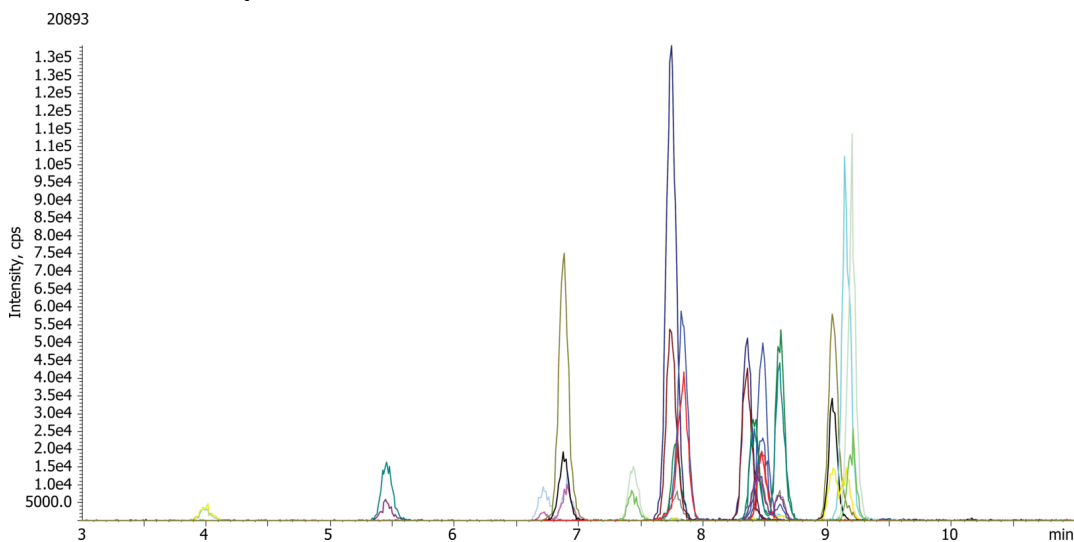


**Flow Rate:** 250 µL/min

**Col. Temp.:** 25 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (500 °C)

**Detector Info:** API 3200 or 3200 QTRAP



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### ANALYTES:

- 1 Desethylatrazine
- 2 Desisopropyl atrazine
- 3 Cyanazine
- 4 Hexazinone
- 5 Simazine
- 6 Metribuzin
- 7 Atrazine-d5
- 8 Ametryn
- 9 Metazachlor
- 10 Prometon
- 11 Sebutylazine
- 12 Atrazine
- 13 Propazine
- 14 Terbutylazine
- 15 Prometryn
- 16 Terbutryn
- 17 Metolachlor

