

HPLC Application

ID No.: 20894

Quantification of Phenylurea Pesticides by QuEChERS and LC/MS/MS

Column: Synergi™ 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: Methanol with 5 mM Ammonium Formate

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

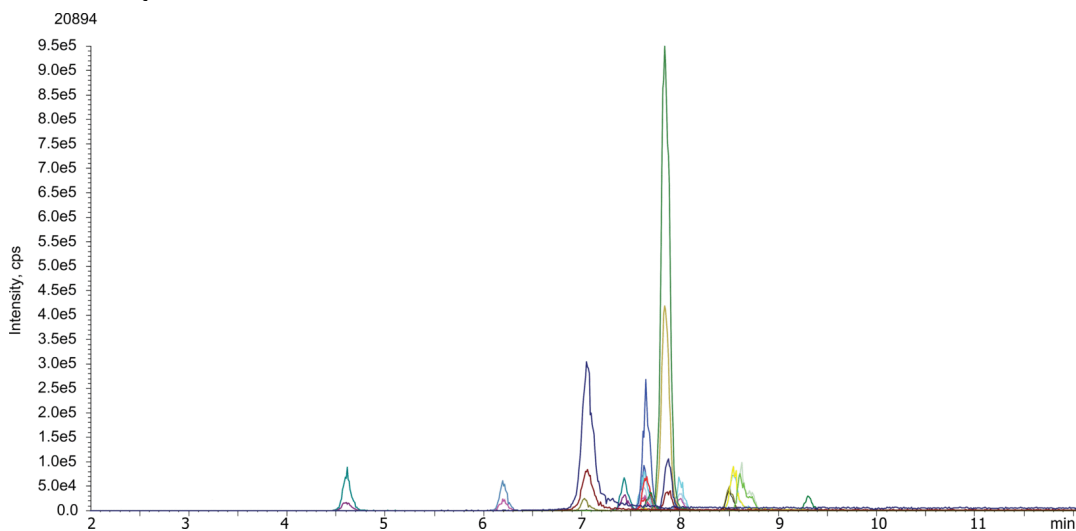


Flow Rate: 250 µL/min

Col. Temp.: 25 °C

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

Detector Info: 3200 QTRAP orAPI 3200



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ANALYTES:

- 1 Fenuron
- 2 Metoxuron
- 3 Thidiazuron
- 4 Tebuthiuron
- 5 Monolinuron
- 6 Chlortoluron
- 7 Isoproturon-d6
- 8 Fluometuron
- 9 Metabenzthiazuron
- 10 Metobromuron
- 11 Isoproturon
- 12 Diuron
- 13 Linuron
- 14 Propanil
- 15 Siduron
- 16 Diflubenzuron

