

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

**Column:** Synergi™ 4 µm Fusion-RP 80 Å, LC Column 50 x 2 mm, Ea

**Dimensions:** 50 x 2 mm ID

**Order No:** 00B-4424-B0

**Elution Type:** Gradient

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

**Eluent B:** 5mM Ammonium Formate in Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	1.5	60	40
	3	8	40	60
	4	10	10	90
	5	14	10	90
	6	15	95	5



**Flow Rate:** 0.25 mL/min

**Col. Temp.:** 25 °C

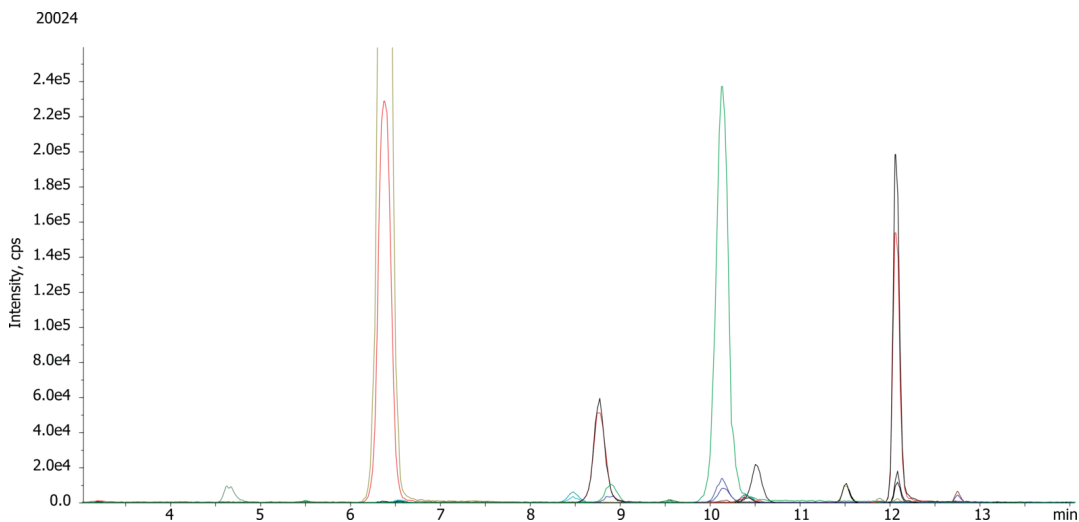
**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

**Detector Info:** <a target="\_blank"

**Analyst Note:** href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<br/>SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Fusion-RP 4 x 2.0mm ID, 10/Pk Part No.: AJ0-7556

- Holder Part No.: KJ0-4282



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### ANALYTES:

- 1 Clopyralid
- 2 Clopyralid
- 3 Imazapyr
- 4 Imazapyr
- 5 Dicamba
- 6 Dicamba
- 7 Bentazon
- 8 Bentazon
- 9 Fluoxypr
- 10 Fluoxypr
- 11 2,4,5-TP
- 12 2,4,5-TP
- 13 Bromoxynil
- 14 Bromoxynil
- 15 MCPA
- 16 MCPA
- 17 Triclopyr
- 18 Triclopyr
- 19 2,4-DB
- 20 2,4-DB
- 21 Ioxynil
- 22 Ioxynil
- 23 2,4,5-â€"T
- 24 2,4,5-â€"T
- 25 MCPP
- 26 MCPP
- 27 2,4-D
- 28 2,4-D
- 29 2,4-â€"DP
- 30 2,4-â€"DP
- 31 MCPB
- 32 MCPB
- 33 Dinoterb
- 34 Dinoterb
- 35 Dinoseb
- 36 PCP
- 37 PCP

