

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

Column: SynergiTM 4 μ m 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

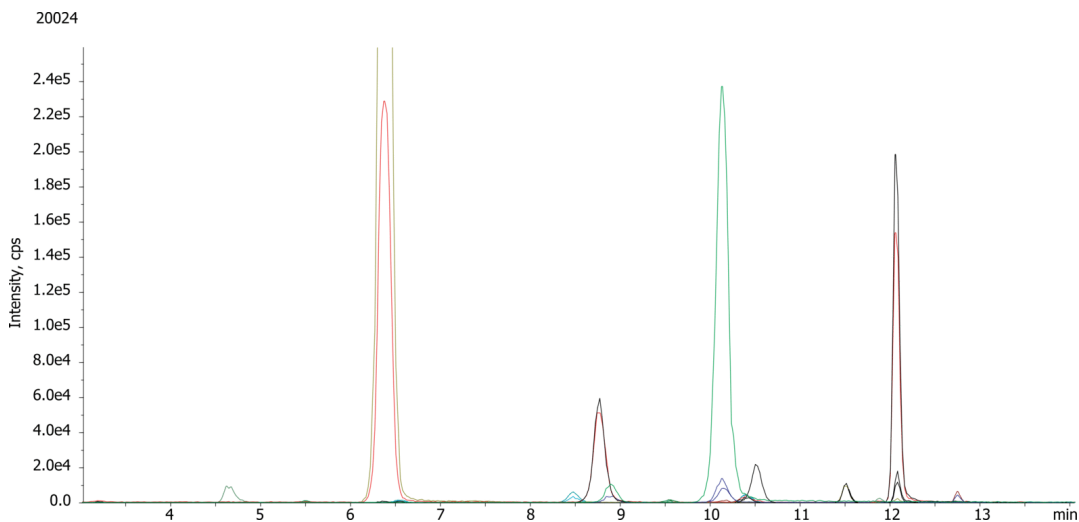
Detection: Tandem Mass Spec (MS-MS) @ (ambient)

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<,
SecurityGuardSM 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** Fluoxypyr
- 10** Fluoxypyr
- 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

