

Neonicotinoids using Kinetex 5u Biphenyl 50x2.1mm

Column: Kinetex® 5 µm Biphenyl 100 Å LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4627-AN

Elution Type: Gradient

Eluent A: Water with 0.1% Formic acid

Eluent B: Acetonitrile with 0.1% Formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	3	30	70

Flow Rate: 0.6 mL/min

Col. Temp.: 40 °C

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

Detector Info:

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3.0e5

2.8e5

2.6e5

2.4e5

2.2e5

2.0e5

1.8e5

1.6e5

1.4e5

1.2e5

1.0e5

8.0e4

6.0e4

4.0e4

2.0e4

0

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Products used in this application:



ANALYTES:

- 1 Dinotefuran
Retention Time: 0.96 min
- 2 Nitenpyram
Retention Time: 1.23 min
- 3 Thiamethoxam
Retention Time: 1.51 min
- 4 Clothianidin
Retention Time: 1.52 min
- 5 Acetamiprid
Retention Time: 1.57 min
- 6 Thiachloprid
Retention Time: 1.82 min
- 7 Imidacloprid
Retention Time: 2.03 min

