

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

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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** Thiacloprid
Retention Time: 1.82 min
- 7** Imidacloprid
Retention Time: 2.03 min

