

HPLC Application

ID No.: 22160

Neonicotinoids using Kinetex 2.6u Biphenyl 50x2.1mm

Column: Kinetex[®] 2.6 μ m Biphenyl 100 \AA , LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4622-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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4.6e5

4.4e5

4.2e5

4.0e5

3.8e5

3.6e5

3.4e5

3.2e5

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

0.0

0

1

2

3

4

min



Products used in this application:



ANALYTES:

- 1** Dinotefuran
Retention Time: 0.97 min
- 2** Nitenpyram
Retention Time: 1.27 min
- 3** Thiamethoxam
Retention Time: 1.55 min
- 4** Clothianidin
Retention Time: 1.6 min
- 5** Acetamiprid
Retention Time: 1.85 min
- 6** Thiacloprid
Retention Time: 2.09 min
- 7** Imidacloprid
Retention Time: 2.09 min

