

# HPLC Application

ID No.: 22781

## Neonicotinoids by LC/MS/MS on a Kinetex Biphenyl

**Column:** Kinetex® 2.6 µm Biphenyl 100 Å, 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:** 0.1% Formic acid in water

**Eluent B:** 0.1% Formic acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	3	30	70
	3	3.1	95	5
	4	6	95	5

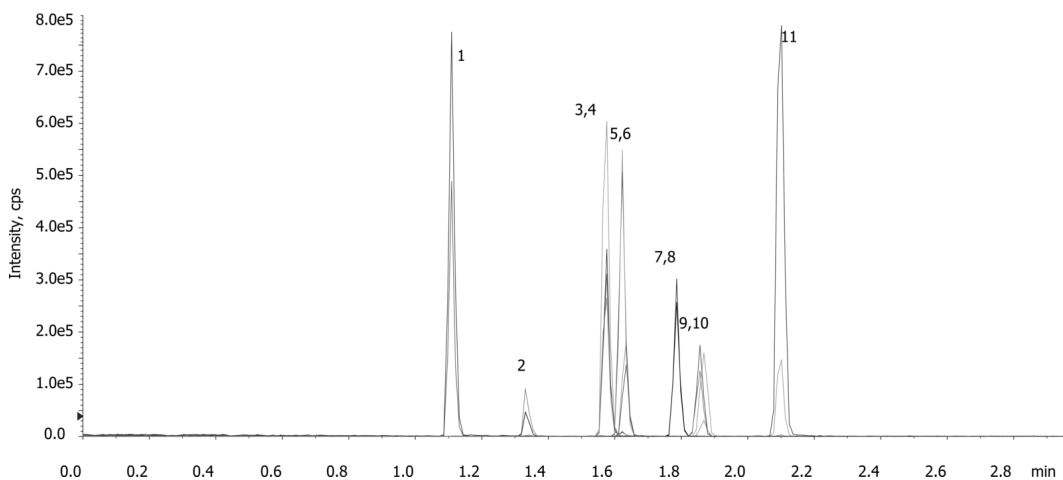
**Flow Rate:** 0.5 mL/min

**Col. Temp.:** ambient

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

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

href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<



Products used in this application:



## Neonicotinoids by LC/MS/MS on a Kinetex Biphenyl

### ANALYTES:

- 1** Dinotefuran
- 2** Nitenpyram
- 3** D3-Thiamethoxam
- 4** Thiamethoxam
- 5** D3-Clothianidin
- 6** Clothianidin
- 7** D4-Imidacloprid
- 8** Imidacloprid
- 9** D3-Acetamiprid
- 10** Acetamiprid
- 11** Thiachloprid

