

## Neonicotinoids honey extract by LC/MS/MS using roQ and 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	10	30	70
	3	12	30	70
	4	12.1	95	5
	5	14.1	95	5

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** ambient

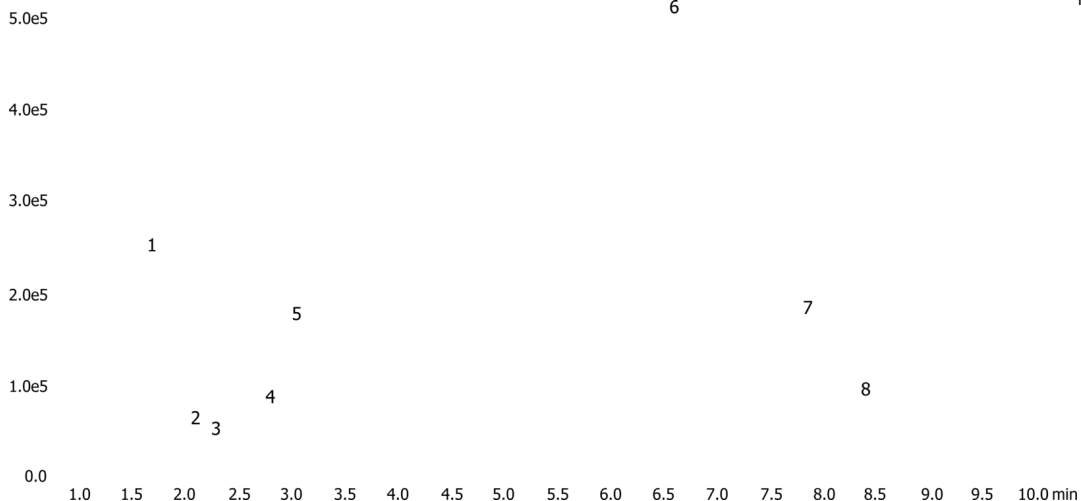
**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

**Detector Info:**

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



Products used in this application:



### ANALYTES:

- 1** Nitenpyram  
Retention Time: 1.65 min
- 2** Thiamethoxam  
Retention Time: 2.15 min
- 3** Clothianidin  
Retention Time: 2.2 min
- 4** Imidacloprid  
Retention Time: 2.79 min
- 5** Acetamiprid  
Retention Time: 3.03 min
- 6** Azoxystrobin  
Retention Time: 6.6 min
- 7** Coumaphos  
Retention Time: 7.85 min
- 8** Chlorpyrifos  
Retention Time: 8.4 min

