

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:** Electrospray Mass Spec (ESMS) @ 0.000000000 (ambient)

5.0e5

4.0e5

3.0e5

2.0e5

1.0e5

0.0

1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0 min

**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

