

## 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    |

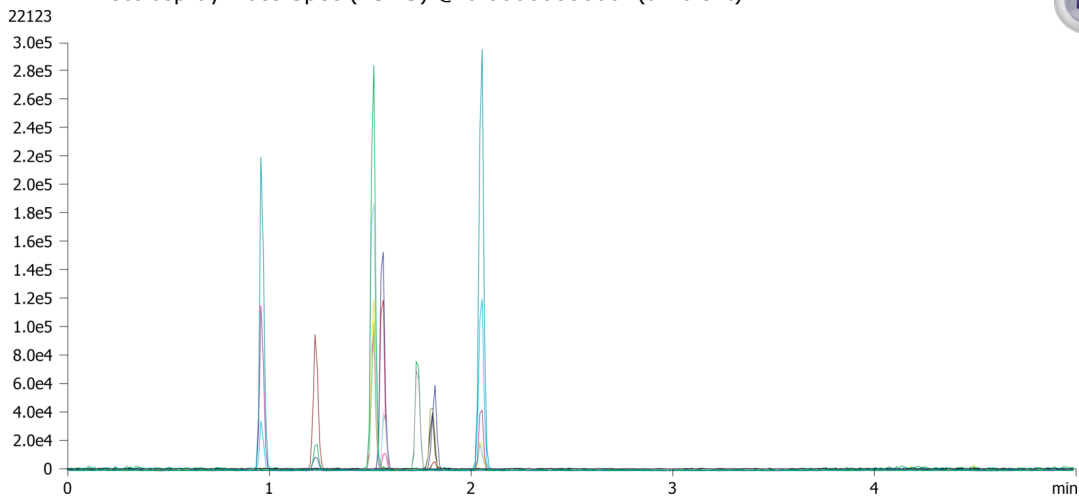
**Flow Rate:** 0.6 mL/min

**Col. Temp.:** 40 °C

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



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

