

## Carbamate pesticides on Luna C18, 5u with LC/MS/MS detection

**Column:** Luna® 5 µm C18 100 Å, LC Column 150 x 2 mm, Ea

**Dimensions:** 150 x 2 mm ID

**Order No:** 00F-4041-B0

**Elution Type:** Gradient

**Eluent A:** 0.1% formic acid in DI H2O

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

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |
|                   | 2        | 20         | 30    | 70    |
|                   | 3        | 22         | 30    | 70    |
|                   | 4        | 22.1       | 90    | 10    |
|                   | 5        | 27         | 90    | 10    |

**Flow Rate:** 200 µL/min

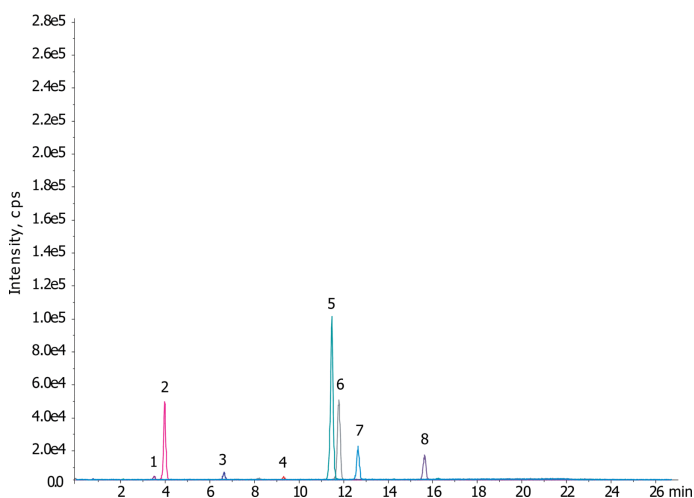
**Col. Temp.:** 42 °C

**Detection:** Mass Spectrometer (MS) @ amu (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:



### ANALYTES:

- 1 Oxamyl  
Retention Time: 3.48 min
- 2 Methomyl  
Retention Time: 3.97 min
- 3 3-OH-Carbofuran  
Retention Time: 6.63 min
- 4 Aldicarb  
Retention Time: 9.32 min
- 5 Propoxur  
Retention Time: 11.47 min
- 6 Carbofuran  
Retention Time: 11.79 min
- 7 Carbaryl  
Retention Time: 12.65 min
- 8 Methiocarb  
Retention Time: 15.63 min

