

## Extraction of Carbamate Pesticides using Strata-X on Kinetex 2.6µm C18 50 x 2.1mm ID by LCMS

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4462-AN

**Elution Type:** Gradient

**Eluent A:** 5mM Ammonium formate in H2O

**Eluent B:** mM Ammonium formate in ACN

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 97    | 3     |
|                   | 2        | 0.25       | 97    | 3     |
|                   | 3        | 2.5        | 5     | 95    |
|                   | 4        | 4          | 5     | 95    |
|                   | 5        | 4.01       | 97    | 3     |
|                   | 6        | 5.5        | 97    | 3     |

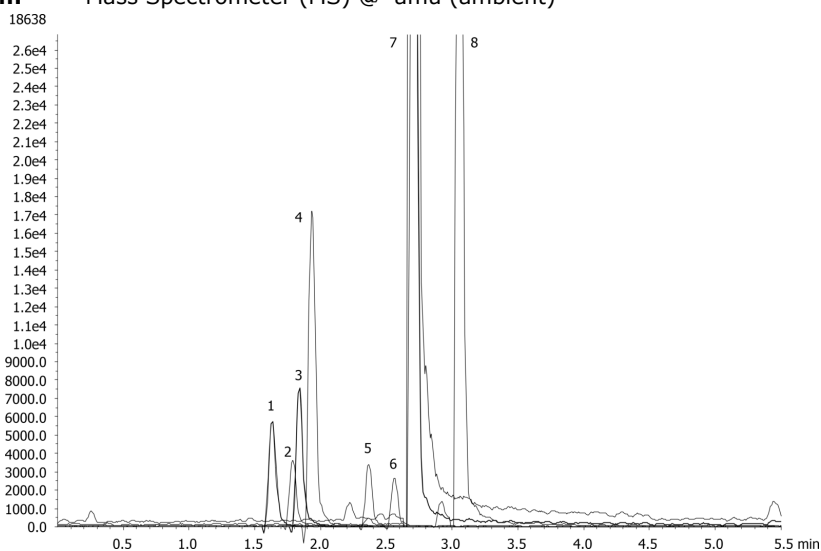
**Flow Rate:** 500 µL/min

**Col. Temp.:** ambient

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



Products used in this application:



### ANALYTES:

- 1** Aldicarb-sulfoxide  
Retention Time: 1.63 min
- 2** Aldicarb-sulfone  
Retention Time: 1.76 min
- 3** Oxamyl  
Retention Time: 1.83 min
- 4** Methomyl  
Retention Time: 1.93 min
- 5** 3-Hydroxy carbofuran  
Retention Time: 2.36 min
- 6** Aldicarb  
Retention Time: 2.56 min
- 7** Carbofuran and D3  
Retention Time: 2.7 min
- 8** Methiocarb  
Retention Time: 3.06 min

