

## 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

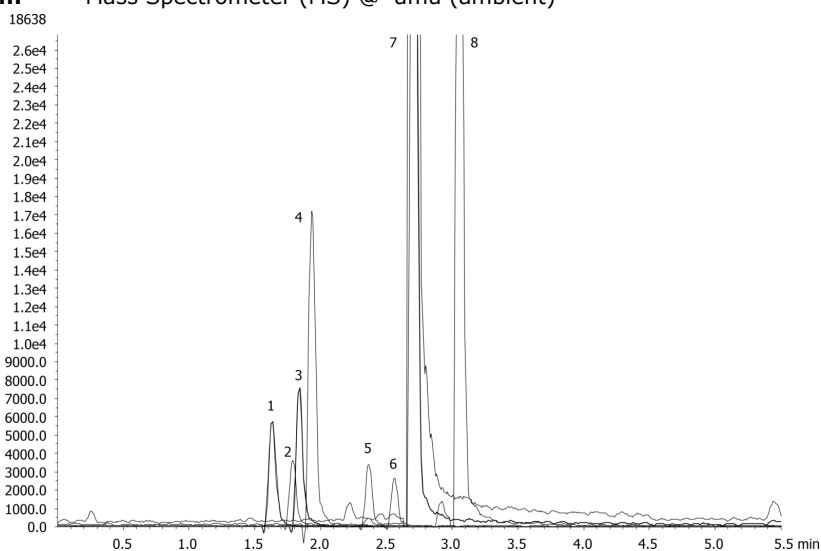
**Flow Rate:** 500 µL/min

**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

