

HPLC Application

ID No.: 18638

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

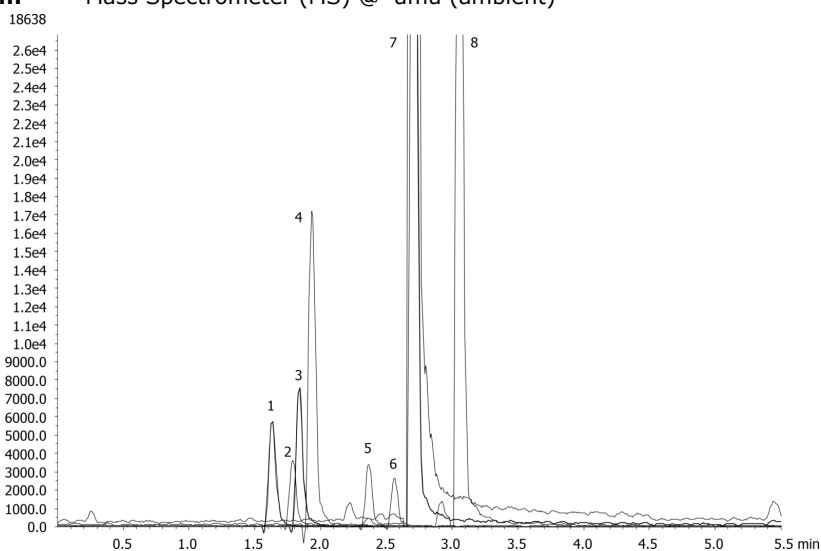
Flow Rate: 500 µL/min

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

