

# HPLC Application

ID No.: 18610

## EPA 531.1 Carbamate Pesticides at High Speed using Kinetex 2.6µm C18 50 x 2.1mm ID

**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:** Water with 0.1% H3PO4

**Eluent B:** Acetonitrile with 0.1% H3PO4

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	3	5	95

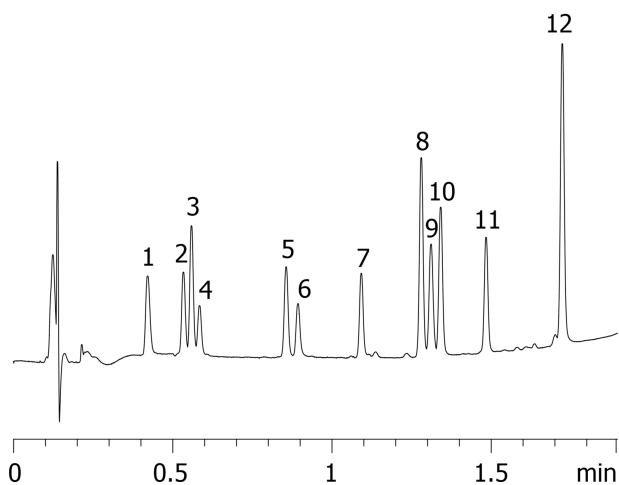
**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)  
18610



Products used in this application:



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### ANALYTES:

- 1 Aldicarb-sulfoxide
- 2 Aldicarb-sulfone
- 3 Oxamyl
- 4 Methomyl
- 5 3-Hydroxy-Carbofuran
- 6 Aldicarb sulfone-related impurity
- 7 Aldicarb
- 8 Baygon (Propoxur)
- 9 Carbofuran
- 10 Carbaryl
- 11 1-Naphthol
- 12 Methiocarb

