

# HPLC Application

ID No.: 14470

## EPA Method 531.1 - n-Methylcarbamoyloximes & n-Methylcarbamates

**Column:** Synergi<sup>™</sup> 4  $\mu$ m Hydro-RP 80 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4375-E0

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	2	90	10
	3	25	20	80
	4	35	20	80



**Flow Rate:** 1 mL/min

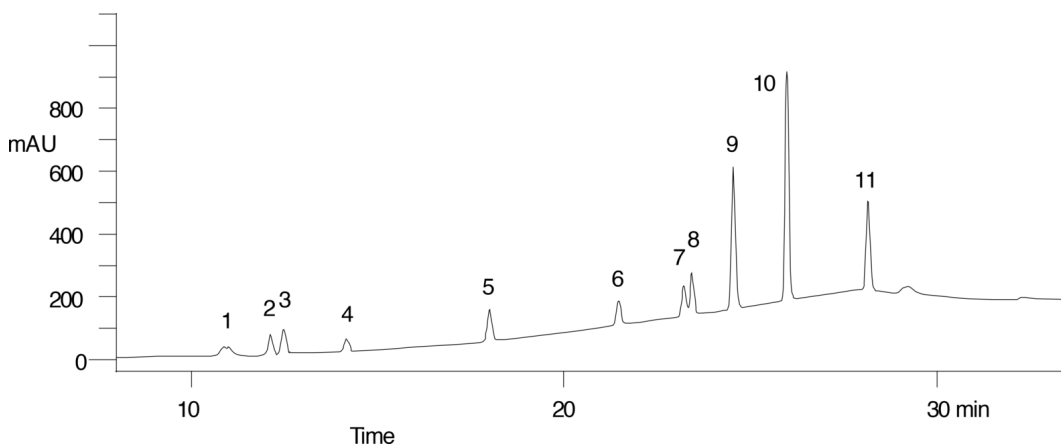
**Col. Temp.:** ambient

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

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, AQ C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7511

- Holder Part No.: KJ0-4282



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### ANALYTES:

- 1 Aldicarb-sulfoxide
- 2 Aldicarb-sulfone
- 3 Oxamyl
- 4 Methomyl
- 5 3-Hydroxycarbofuran
- 6 Aldicarb
- 7 Baygon
- 8 Carbofuran
- 9 Carbaryl
- 10 Methiocarb
- 11 BDMC

