

# HPLC Application

ID No.: 22065

## EPA 532 on Kinetex 5 $\mu$ m C18 150 x 4.6

**Column:** Kinetex<sup>®</sup> 5 $\mu$ m C18 100  $\text{\AA}$ , LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4601-E0

**Elution Type:** Gradient

**Eluent A:** 25 mM Phosphate buffer pH 2.4

**Eluent B:** Acetonitrile

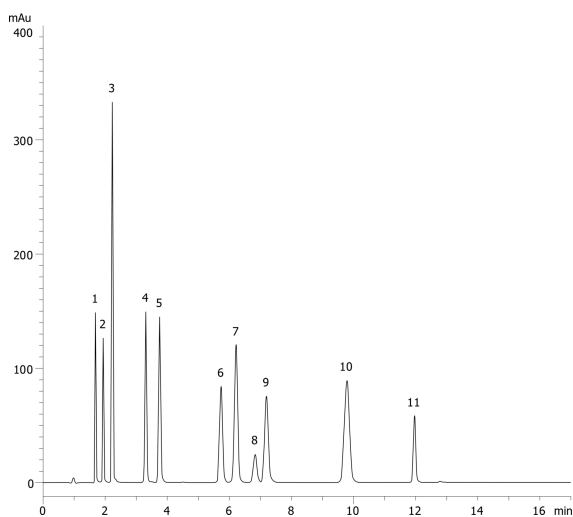
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	60	40
	2	9.5	60	40
	3	10	50	50
	4	14	40	60
	5	15	60	40

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 30  $^{\circ}$ C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 245 nm (ambient)

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Products used in this application:



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### ANALYTES:

- 1 Tebuthiuron
- 2 Thidiazuron
- 3 Monuron (Surr)
- 4 Fluometuron
- 5 Diuron
- 6 Propanil
- 7 Siduron A
- 8 Siduron B
- 9 Liunuron
- 10 Carbazole (Surr)
- 11 Diflubenzuron

