

## EPA Method 555B, Chlorinated Acids

**Column:** Synergi™ 4 µm Hydro-RP 80 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

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

**Elution Type:** Gradient

**Eluent A:** 25mM Phosphoric Acid

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |
|                   | 2        | 20         | 10    | 90    |
|                   | 3        | 30         | 10    | 90    |

**Flow Rate:** 1.5 mL/min

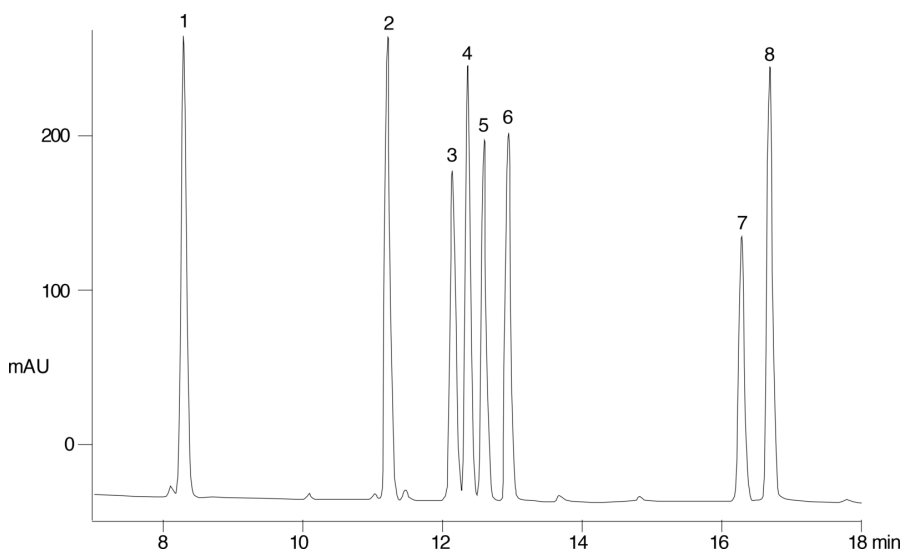
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

**Analyst Note:** SecurityGuard™ 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



### ANALYTES:

- 1 4-Nitrophenol
- 2 MCPA
- 3 3,5-Dichlorobenzoic acid
- 4 MCPP
- 5 2,4,5-DB
- 6 2,4-DB
- 7 Dinoseb
- 8 Pentachlorophenol

