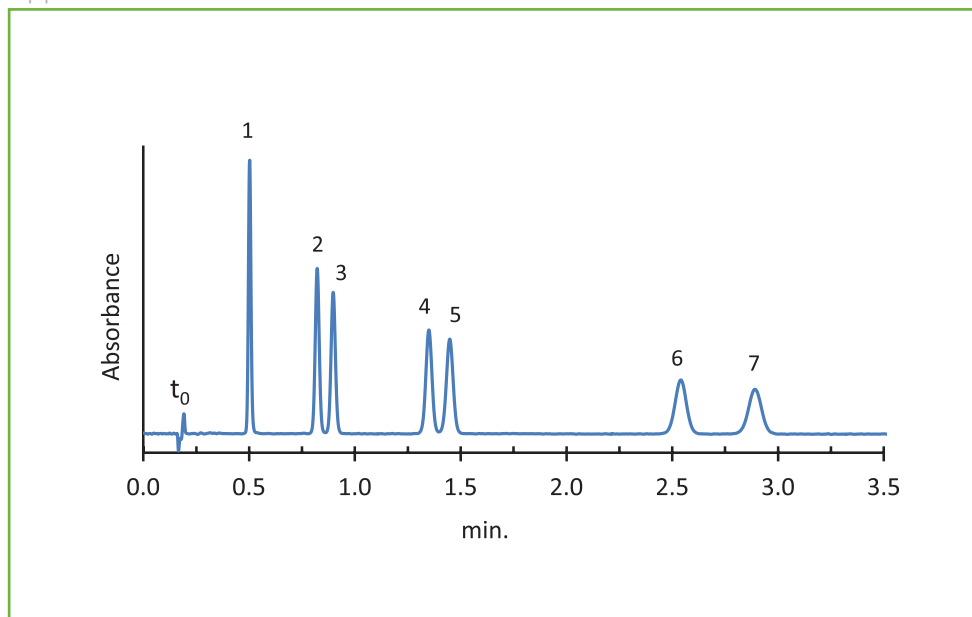




## Rapid Separation of Triazine Pesticides on HALO® C18 Phase

Application Note 41-TR



### PEAK IDENTITIES:

1. Simazine
2. Atrazine
3. Prometon
4. Ametryn
5. Propazine
6. Prometryn
7. Terbutryn

This triazine pesticides mixture can be rapidly separated on a HALO® Fused-Core® C18 column while retaining good peak shape and high column efficiency.

### TEST CONDITIONS:

**Column:** HALO 90 Å C18, 2.7 µm,  
4.6 x 50 mm

**Part Number:** 92814-402

**Mobile Phase:** 50/50 - A/B

A: 0.02 M Ammonium formate, adj. to pH 6.0

B: Acetonitrile

**Flow Rate:** 2.5 mL/min

**Pressure:** 270 bar

**Temperature:** 30 °C

**Detection:** UV 220 nm, VWD

**Injection Volume:** 0.3 µL

**Sample:** Supelco Triazine Pesticides Mix-48392

**Sample Solvent:** Methanol

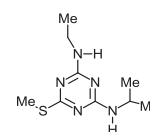
**Response Time:** 0.02 sec

**Flow Cell:** 2.5 µL semi-micro

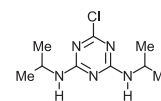
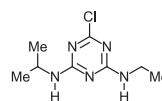
**LC System:** Shimadzu Prominence UFLC XR

**Extra Column Volume:** ~14 µL

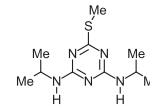
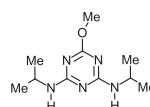
### STRUCTURES:



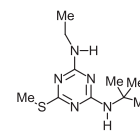
Ametryn



Propazine



Prometryn



Terbutryn

