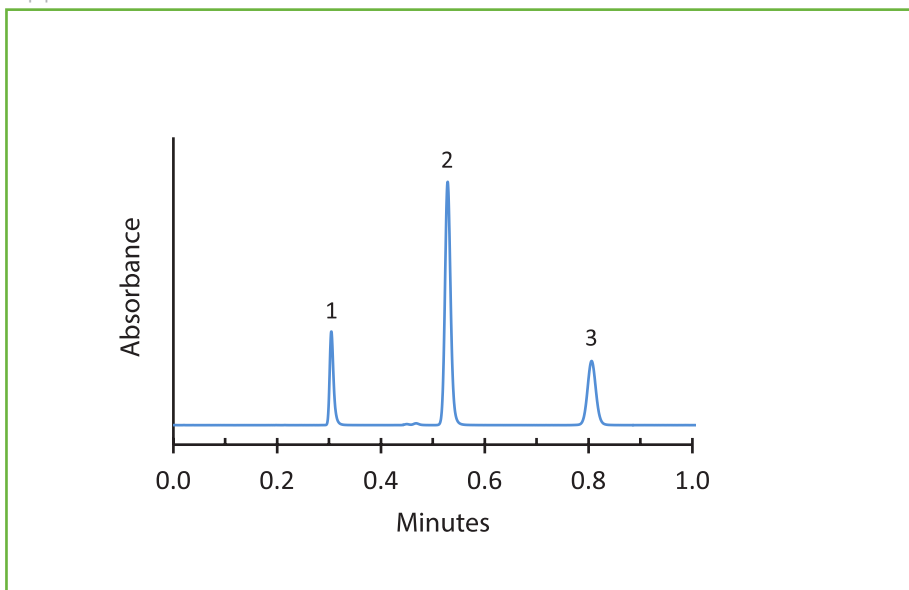




Separation of Carbamate Pesticides on HALO® C18 Phase

Application Note 61-CB



PEAK IDENTITIES:

1. Carbetamide
2. Propham
3. Chlorpropham

This separation illustrates a rapid HPLC determination of three carbamate pesticides on the HALO® C18 phase in just under a minute. The Fused-Core® technology allows the use of high flow rates at moderate pressures while retaining high efficiency.

TEST CONDITIONS:

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

Part Number: 92814-402

Mobile Phase: 40/60 - A/B

A: Water

B: Acetonitrile

Flow Rate: 2.0 mL/min

Pressure: 130 bar

Temperature: 30 °C

Detection: UV 240 nm, VWD

Injection Volume: 0.2 µL

Sample Solvent: Acetonitrile

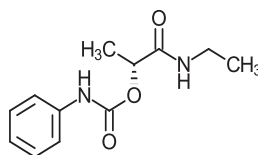
Response Time: 0.02 sec

Flow Cell: 2.5 µL semi-micro

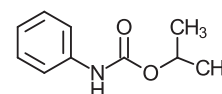
LC System: Shimadzu Prominence UFLC XR

Extra Column Volume: ~14 µL

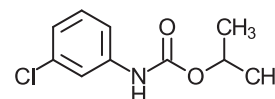
STRUCTURES:



Carbetamide



Propham



Chlorpropham

