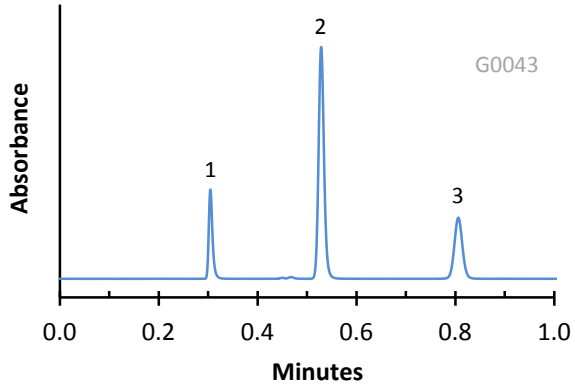
Application Note: 61-CB

Separation of Carbamate Pesticides on HALO C18 Phase

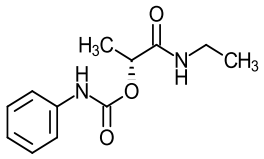


PEAK IDENTITIES:
1. Carbetamide
2. Propham
3. Chlorpropham

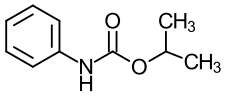
TEST CONDITIONS:
Column: 4.6 x 50 mm, HALO C18
Part Number: 92814-402
Mobile Phase: 40/60-A/B
A= Water
B=Acetonitrile
Flow Rate: 2.0 mL/min.
Pressure: 130 Bar
Temperature: 30 °C
Detection: UV 240 nm, VWD
Injection Volume: 0.2 µL
Sample Solvent: Acetonitrile
Response Time: 0.02 sec.
Flow Cell: 2.5 µL semi-micro
LC System: Shimadzu Prominence UFLC XR
Extra column volume: ~14 µL

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

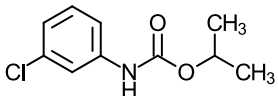
STRUCTURES:



Carbetamide



Propham

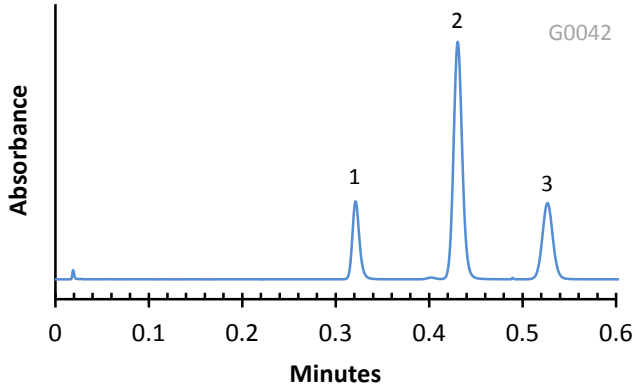


Chlorpropham

FOR MORE INFORMATION OR TO PLACE AN ORDER, CONTACT:

Application Note: 60-CB

Separation of Carbamate Pesticides on HALO ES-CN Phase

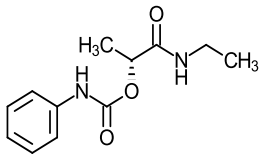


PEAK IDENTITIES:
1. Carbetamide
2. Propham
3. Chlorpropham

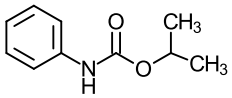
TEST CONDITIONS:
Column: 4.6 x 50 mm, HALO ES-CN
Part Number: 92814-404
Mobile Phase: 40/60-A/B
A= Water
B=Acetonitrile
Flow Rate: 2.0 mL/min.
Pressure: 165 Bar
Temperature: 30 °C
Detection: UV240 nm, VWD
Injection Volume: 0.2 µL
Sample Solvent: Acetonitrile
Response Time: 0.02 sec.
Flow Cell: 2.5 µL semi-micro
LC System: Shimadzu Prominence UFLC XR
Extra column volume: ~14 µL

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

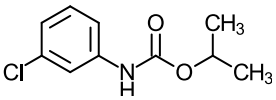
STRUCTURES:



Carbetamide



Propham



Chlorpropham