

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation**SPE166**

ISOLATION OF ATRAZINE AND ALACHLOR IN WATER

Spe-ed™ Cartridge	Cat. No. 12006- Octadecyl C 18/18%, 500mg/6mL. Process with <i>Spe-ed Mate</i>
Sample Preparation	500mL water.
Cartridge Conditioning	2mLs ethyl acetate. 2mLs methanol. 2mLs water. Add sample cartridge. Aspirate sample through cartridge at 5mL/ minute.
Sample Addition	Add sample to cartridge. Aspirate sample through cartridge at 5mL/ minute.
Analyte Elution	2mL ethyl acetate
Analytical Conditions	GC/MS, HP5890 with 5970 MSD in selected ion mode. Direct injection from 2mL eluted fraction.

Note: *Since sample matrix interferences and concentrations may vary from sample to sample, it may be necessary to adjust the wash and elution solvent/solution strength and/or volume to optimize isolation.*

The logo for Applied Separations, featuring the company name in a bold, italicized sans-serif font. The word "Applied" is positioned above "Separations", and there are several horizontal lines to the left of the text.

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