

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE171**ISOLATION OF TRIAZINE HERBICIDES
FROM POND WATER**

Spe-ed™ Cartridge	Cat. No. 12002- Octadecyl C18/18%, 200mg/3mL. Process with <i>Spe-ed Mate</i> .
Cartridge Conditioning	2mL of methanol. 2mL of deionized water. DO NOT ALLOW CARTRIDGE TO RUN DRY!
Sample Addition	20mL of pond water, and 1mL of methanol.
Cartridge Wash	1mL of water: acetonitrile: methanol (4:3:1).
Analyte Elution	1mL of methanol. Dilute to 2mL with deionized water.
HPLC Conditions	C8, 5 micron, 15 cm x 4.6 mm
Column	Acetonitrile / water (45:55)
Mobile Phase	1.5mL / minute.
Flow Rate	Uv 254 nm
Detection	25ul
Injection	

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, sans-serif font with horizontal lines above the word "Applied".

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