



Epic 1.8 μ m Columns for Ultra High Pressure Liquid Chromatography

Application News

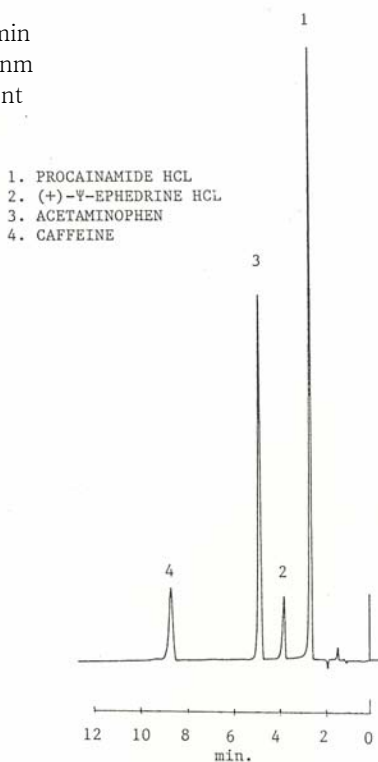
701 South Route 73 • West Berlin, New Jersey 08091-2621 • (856) 753-8400 • Fax (856) 753-8484

ES Industries is pleased to introduce a full line of Epic 1.8 μ m columns for use with ultra high pressure liquid chromatographs. These columns have been engineered to specifically for chromatography at pressures up to 15000 psi. ES Industries expertise in the silica surface modification and bond stationary technology has enabled us to develop a number of stationary phases based on the 1.8 μ m particle technology. With this breakthrough the chromatographer is not limited to ODS type phases. The Epic 1.8 μ m columns will provide the chromatographer with the highest resolution over a wide variety flow rate conditions and mobile compositions. The following stationary phases are available for Epic 1.8 μ m columns:

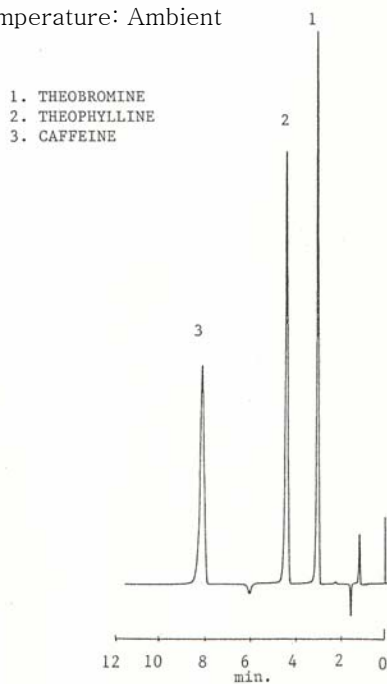
Epic C18
Epic PFP-LB

Epic Polar
Epic Silica

Epic Polar 1.8 μ m 10cm X 2.1mm
Catalog # 122A91-EPO
Mobile Phase: 10%CH₃CN : 90%0.05M KH₂PO₄
pH = 3.2
Flow Rate = 0.4mL/min
Detection: uv @ 254nm
Temperature: Ambient



Epic PFP-LB 1.8 μ m 10cm X 2.1mm
Catalog # 122A91-EPFP-LB
Mobile Phase: 10%CH₃CN : 90%0.05M KH₂PO₄
pH = 3.2
Flow Rate = 0.4mL/min
Detection: uv @ 254nm
Temperature: Ambient



	5cm X 2.1mm	5cm X 1.0mm
Epic C18 1.8 μ	112A91-EC18	111A91-EC18
Epic PFP-LB 1.8 μ	112A91-EPFP-LB	111A91-EPFP-LB
Epic Polar 1.8 μ	112A91-EPO	111A91-EPO
Epic Silica 1.8 μ	112A91-ESI	111A91-ESI

	10cm X 2.1mm	10cm X 1.0mm
Epic C18 1.8 μ	122A91-EC18	121A91-EC18
Epic PFP-LB 1.8 μ	122A91-EPFP-LB	121A91-EPFP-LB
Epic Polar 1.8 μ	122A91-EPO	121A91-EPO
Epic Silica 1.8 μ	122A91-ESI	121A91-ESI

ES INDUSTRIES
701 South Route 73
West Berlin NJ 08091

Toll-Free: 1-800-356-6140
Phone: 856-753-8400
Fax: 856-753-8484

email: esindustries@msn.com
website: www.esind.com