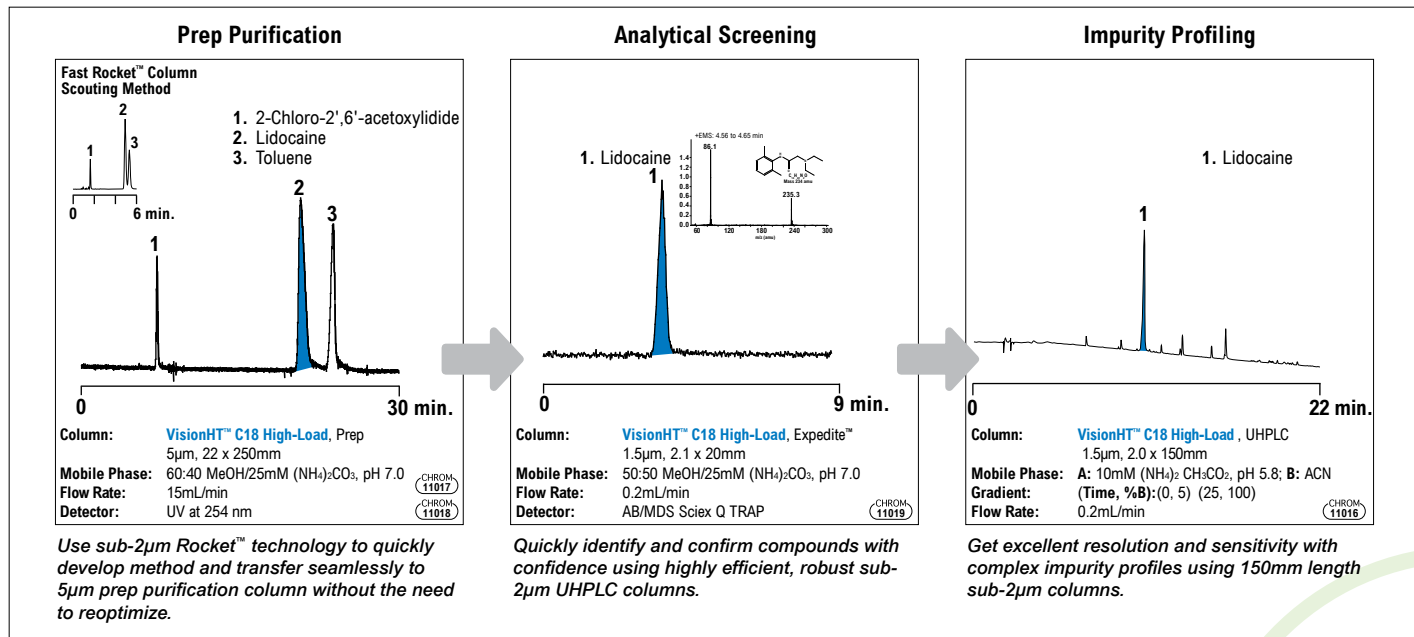


Improve Laboratory and Organizational Efficiency

As a sample moves through the R&D process, chromatography is performed many times for multiple reasons, and many laboratories have a mixture of LC system types. Optimizing and transferring methods between systems and laboratories is not a simple and intuitive task. However, when the identical media is available in sub-2, 3, 5, and 10 μ m particles and in a variety of column formats, methods can be transferred seamlessly across system types and between laboratories, improving laboratory efficiency and productivity.

Gain Productivity and Streamline Processes



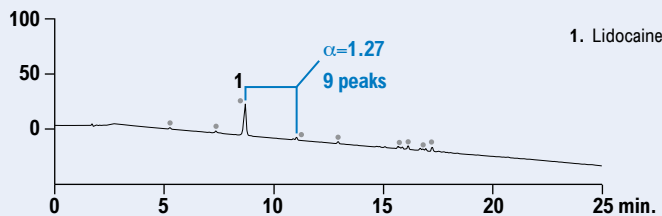
The same VisionHT™ phase follows lidocaine throughout the drug discovery process — from preparative purification and high-throughput analytical screening, to high-resolution impurity profiling. Vary the particle size and format to suit the system and goals of the separation. Standardize on one consistent, reliable media and streamline R&D processes.

Speed and Resolution on Any System

Resource constraints demand more output from existing instrumentation. VisionHT™ media's efficient sub-2µm particle technology not only accelerates separations, but also can provide more chromatographic information. By combining smaller particle sizes and column diameters, sensitivity is increased greater than 5x over traditional HPLC. Get speed and resolution from both traditional and fast LC systems with optimized high-throughput column formats. Rocket™, Expedite™, and UHPLC column formats have the ideal column geometry to obtain sub-2µm benefits regardless of system type.

Traditional 5µm Media with Standard Analytical System

Column: Analytical, 150 x 4.6mm, 5µm
Flow Rate: 1.0mL/min

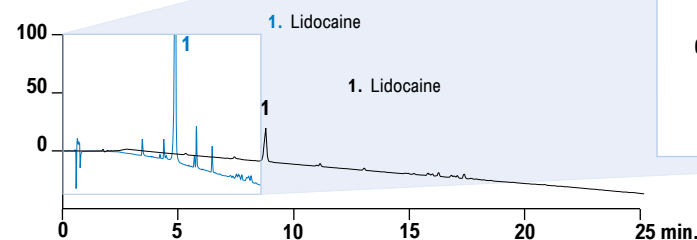


CHROM-11013

More Speed with Fast LC Systems

45% faster analysis and 10x greater sensitivity, compared to traditional HPLC, while maintaining similar selectivity. Resolution and sensitivity improvements double the amount of peaks identified.

Column: UHPLC, 50 x 2.0mm, 1.5µm
Flow Rate: 0.2mL/min

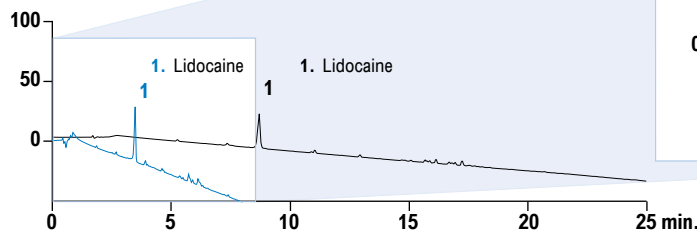


CHROM-11014
CHROM-11013

More Speed with Traditional Systems

2.3x faster analysis while maintaining similar selectivity on existing, traditional HPLC systems.

Column: Rocket™, 53 x 7mm, 3µm
Flow Rate: 2.3mL/min

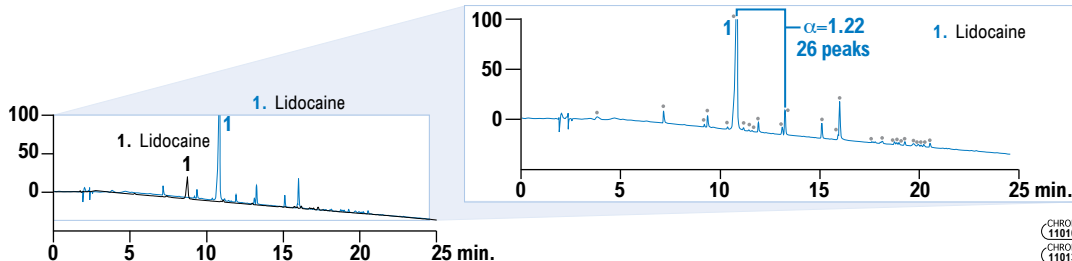


CHROM-11015
CHROM-11013

More Resolution with Fast LC Systems

Use longer sub-2µm columns for 3x greater peak identification and 5x greater sensitivity than traditional HPLC.

Column: UHPLC, 150 x 2.0mm, 1.5µm
Flow Rate: 0.2mL/min



CHROM-11016
CHROM-11013

Improve throughput and data quality for lidocaine impurity profiles by seamlessly transferring from traditional HPLC to highly efficient sub-2µm columns.