

Faster and more sensitive analysis of radio pharmaceuticals

with FlowStar LB 513 by using UPLC[®]



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UPLC Technology

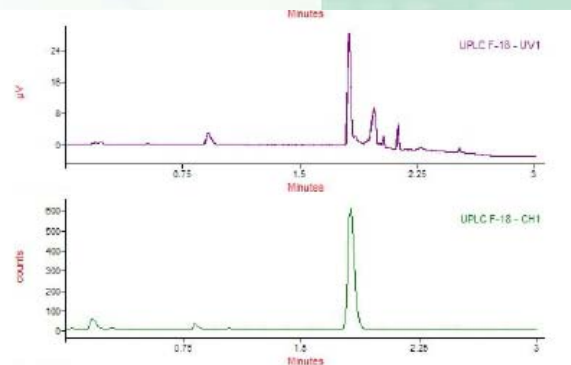
Ultra Performance Liquid Chromatography (UPLC) is a widely accepted analytical method because of its improved detection limits, resolution and speed when compared to HPLC.

UPLC has not yet been established as an analytical method for analyzing PET radio pharmaceuticals.

[Learn more about FlowStar](#)

Methods & Results

An ultra performance HPLC system with an attached FlowStar LB 513 in combination with a low volume radio flow cell was used. The time of analysis could be reduced and detection of much lower activities was possible. The peak radio chromatogram (picture at right) shows a narrow and high radio peak.



FlowStar LB 513

The FlowStar from BERTHOLD TECHNOLOGIES represents the latest enhancements in flow-through detectors for Radio HPLC. It combines the latest technology such as touch screen for easy operation and the highest sensitivity. A wide range of highly sensitive measuring cells for all types of applications has been developed.



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