
Using knitted delay tubes KDTs in mass directed prep chromatography - How To

According to the *International Journal of Mass Spectrometry*, knitted delay tubes KDT can be used in the following manner with mass directed prep chromatography:

Due to the low flow reaching the MS after the splitter relative to the high flow directed towards the collector or waste, a delay tube is placed between the prep UV and the fraction collector. The delay tube is designed to keep the **eluent** from reaching the collector valve too quickly, thus, allowing sufficient time for the flow directed to the MS to be analyzed and a determination to collect the sample or direct it to waste to be made.