**Analytical HPLC SOP**

**Attention**

1. Make sure there’s enough solvent in the solvent bottle. DO NOT let any air bubbles go into the column. By right click on the pump, go to Bottle Fillings and type in the correct amount of solvent in the bottle.

When changing different solvents, loose the purge valve and pump for 5 minutes to make sure no air bubble is going into the system. The pressure will be very low. After done, tighten the purge valve (finger tight).

2. When you’re done manually collecting your peak, change the line back to the fraction collector.

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Take this back to the above part.
1. Turn on the software and turn on the system. Load the method that you’re gonna use.

The way you set up the method is the same as Prep HPLC and LC/MS.

By going to Instrument, Set up Instrument Method.
Be careful that the flowrate of your method would be no more than 4 mL/min in general. (Depends on the back pressure, don’t make it too high.)
When the method is loaded and set up, go to Run Control, Sample Info (can set up manual injection)

Or set up your sequence table, and use the injection needle (max V. = 100 uL) Make sure the needle wash vial is full of methanol.
You can set up the fraction collector when setting up the method. Use the one in the middle and the right type of tube. If you’re using the tubes below, don’t throw them away. Wash them.