## SHIMATSU HPLC - Check list for Running your samples

## Blank Experiments (predict 1 hr) / Water Experiment / Buffer Experiment / Samples

|  |  |  |
| --- | --- | --- |
| Experiments | Sample Type | Comments |
| Water |  |  |
| Buffer |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

* Go to LC Time Prog
* Set the proper program
* Click gradient to plot the gradient

**After changing the method, please do the following check list (IMPORTANT)**

**To make sure the data collection is functional.**

* + Make sure the Detector is ON
  + Make sure the percentage of B is correct \_\_\_\_\_\_ (usually 0)
  + Check the flow rate is correct \_\_\_\_\_\_
  + Check other parameters are correct
* OPEN the injection switch to load position (IMPORTANT)
* Set Single Run before you inject the samples (IMPORTANT)
* Click OK
* Inject your sample
* Close the injection switch

Sample program (Here the time is accumulate time frame)

|  |  |  |  |
| --- | --- | --- | --- |
| Time | Parts | Function | Number |
| 5:00 | PUMPS | A/B | 0 |
| 15:00 | PUMPS | A/B | 40 |
| 20:00 | PUMPS | A/B | 40 |
| 25:00 | PUMPS | A/B | 0 |
| 60:00  (Stop collection) | Controller | STOP |  |

In this program, we went back to **A** in **5 min**. 5 **more** minutes after the completion of the program, we can start the next run.

* Wait for 5 min