

Operation of Dionex 600 chromatograph

-Start the instrument : fill up the eluant reservoir, open Helium tank, check the waste reservoir. In Dionex browser, open the file anions\dionex panel.pan. Verify that modules are connected. Set the flow at 2.00ml/min. Wait a minute, then set the current to 50ma and the oven to 30 C. Let equilibrate for 1 hour.

-Create a new sequence file using an old one. The first 5 samples are reserved for the standards of the calibration. Every 10 samples, put a standard to check drift of instrument . Save the file in format using date of the day (jun0401).

- if no need to calibrate : create the sequence file as usual. Using the sequence file with calibration already made, copy the 5 files : highlight the files, {right click} copy, open the sequence file, highlight the 5 files, {right click} paste. Save the sequence file with calibration datas.

-Print the sequence file

-Open the sequence file SHUTDOWN : at the column STATUS, click on arrow, choose SINGLE. Save the file.

-Using the printout of the sequence file, load the autosampler. Push RUN .

-Open the sequence file , click on BATCH, START. On folder batchlist , the sequence to run will be list. Click on ADD, click on SHUTDOWN, then OPEN. The shutdown file is used at the end of the run to close the instrument properly. Click on folder REPORTING, make sure that the program is using Print/export report is on and that the report file AMOUNTREPORT is used. Print every sample.

-Click on start. The autosampler will start and the first sample on the list will highlighted green.

-Before leaving for the day, check the level of eluant and fill up .