Make a Chromatogram Slideshow Using GC Image

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A chromatogram slideshow is a PowerPoint presentation of a set of chromatograms. It is useful to present a set of samples and compare their differences visually in front of average audience. GC Image software can help you to create such slideshow for many chromatograms easily.

1. What you need:

- A set of sample data files
- The latest version of GC Image software (please visit http://www.gcimage.com)
- **SeqTable.bat** batch file (coming with this guide)
- A later version of MS PowerPoint

2. Configure visual settings for a slideshow

- Choose the color map, size, and resolution for chromatogram pictures.
- Add the data file path as the title of a picture.
- Test the settings and save them for later use.

Step 1: Open **GC Image**, and import one of sample data files.

Step 2: Configure the **Color Map** for the imported chromatogram.

Step 3: Configure the **Metadata Legend** to include **Source File** and any other desired attribute(s).

Step 4: Save a **Summary Report** with **Image Viewer** to fine tune the generated picture.

- Make sure to check **Show Metadata Legend** to add the **Source File** as a title for the picture.
- Write down **Display Dimensions** for later use.

Step 5: Export the Configuration with Color Map and Display Dimensions.

3. Generate chromatogram pictures for all samples

Step 1: Start **GC Project** and create a new empty project.

Step 2: Copy all sample data files into the project.

Step 3: Copy **SeqTable.bat** into the project folder. Then run the batch file.

Step 4: Import the created sequence table. The table should be in the processing folder of the project.

Step 5: Auto Process the data Files.

- Check **Set Sequence** and select the previously imported sequence table.
- Check **Use Configuration** and browse for the configuration saved before.
- Check **Save Summary Report** and click **Configure**
- Make sure to check **Show Metadata Legend** to add the **Source File** as a title for the picture.
- Set **Display Dimensions** chosen before.

Step 6: Browse to the picture folder inside the project folder.

4. Make a Slideshow with PowerPoint

The pictures generated by GC Project can be imported into PowerPoint using its Photo Album tool.