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Galaxie ™ ASCII Import Plug-in

User's Guide

03-954091-00:1

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Introduction

This guide presents the Galaxie ASCII Import Plug-in and describes how to configure it and use it.

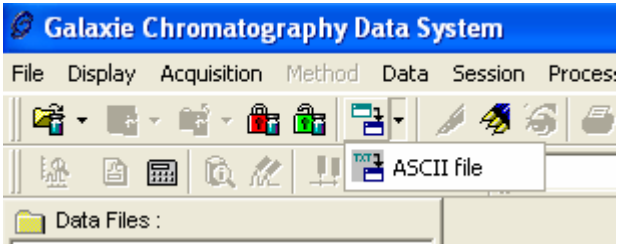
A plug-in is a small program that can process any kind of data on specific chromatographic files: global, group or peak information data. The plug-in data treatments have no influence on Galaxie raw data.

The Galaxie ASCII Import plug-in program converts ASCII data into Galaxie data. It is installed during Galaxie setup.

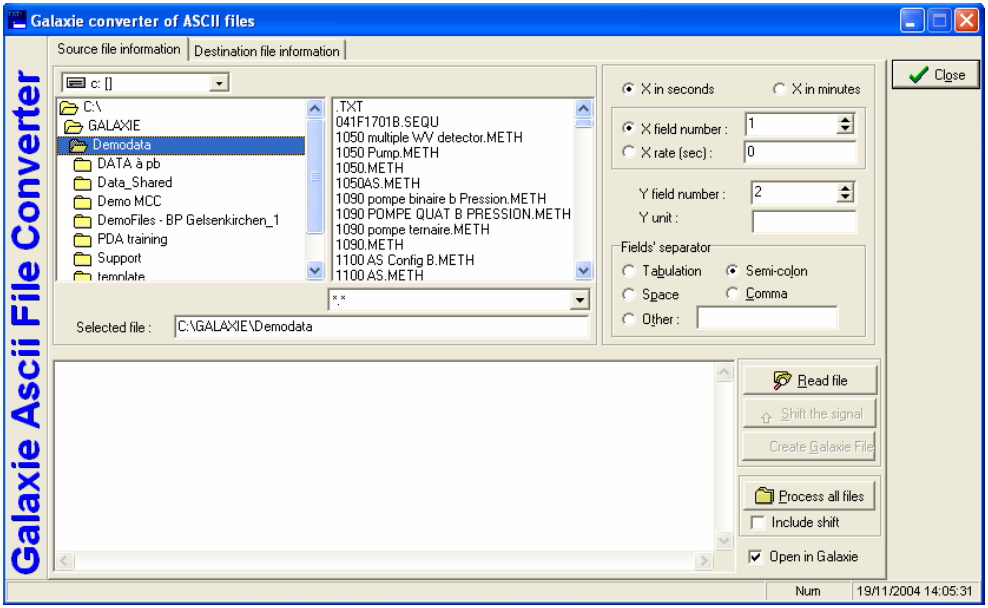
Application Details

Converting One ASCII File

Select the ASCII file import option in the plug-in menu, in Galaxie toolbar:



A new screen appears:

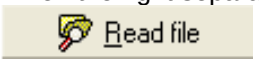


First choose the directory where the ASCII files are stored and then select the ASCII file to convert. The plug-in can convert .txt or .csv files into Galaxie Data files.

Then you have to choose the unit of X axis (minutes or seconds).

The user can choose either the place where the X data are (he must select the X field number option and then enter the column number) either the data rate (if no X data are available for example), choose the column number where X (or Y) data are listed. Enter the Y unit in the dedicated field.

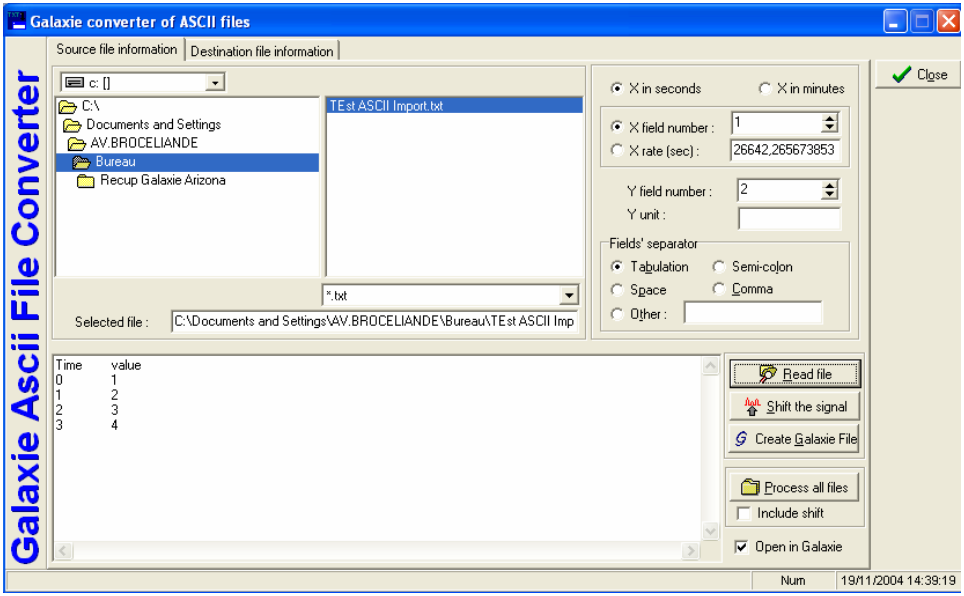
In the Field's separator, choose the item which separates the X and the Y data.

When the right separator is used, click on the 

button: two extra buttons appear (

and 

) and the right X rate is displayed in the dedicated field.



The raw data are displayed in the lower part of the screen.

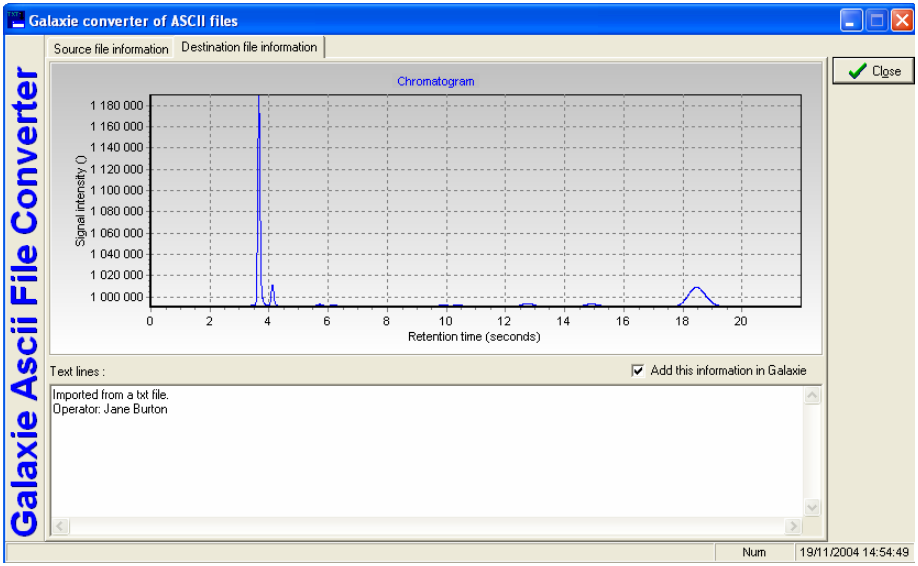
When you click on the 

button, the signal is automatically shifted so that the coordinates of the first point is (0,0). This shift must be included in the Data file if you check the corresponding box.

When you click on the 

button, the current file is processed. The corresponding Galaxie file is created and opened in Galaxie if this option is checked.

Click on the Destination file information tab. The chromatogram is drawn according to the different parameters fixed in the Source file information tab.

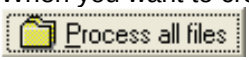


Users can enter information in the Text lines area. This information will be added in the Data file if the Option 'Add this information in Galaxie' box is checked.

Converting Several ASCII Files

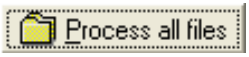
First choose the directory where the ASCII files are stored and then select the ASCII files to convert.

Then you have to choose the unit of X axis (minutes or seconds). In the X field number (or Y field number), choose the column number where X (or Y) data are listed. Enter the Y unit in the dedicated field. In the Field's separator, choose the item which separates the X and the Y data. All these parameters must be the same for all of the ASCII files selected.

When you want to create Data files, click on the 

button. All the selected files are converted into Data files. If the Option "Open in Galaxie" is checked, all converted files will be opened in Galaxie after the processing.

Opening Converted Files in Galaxie

When the user clicks on the 

or the 

buttons, data files are generated. If the option “Open in Galaxie” is checked, the data file(s) are immediately opened in Galaxie (after Galaxie processing). After conversion, the generated files are identical to standard Galaxie data files.

If user has entered information in the Text lines area and if the Option “Add this information in Galaxie” box is checked, this information appears in:

- The Description field in the open box
- The runinfo variable
- The Description area of the chromatogram properties.

The following screen gives an example of description entered by user in the ASCII import plug in: