



ThermoFisher
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The Chromeleon Guide To: Export to .CDF

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What Software Do You Need?

- Chromeleon 7.2 or 7.3
- Thermo Xcalibur software
 - Compatibility with Chromeleon is based on having exact matching versions of Foundation installed to avoid conflicts between software.

To Download Xcalibur

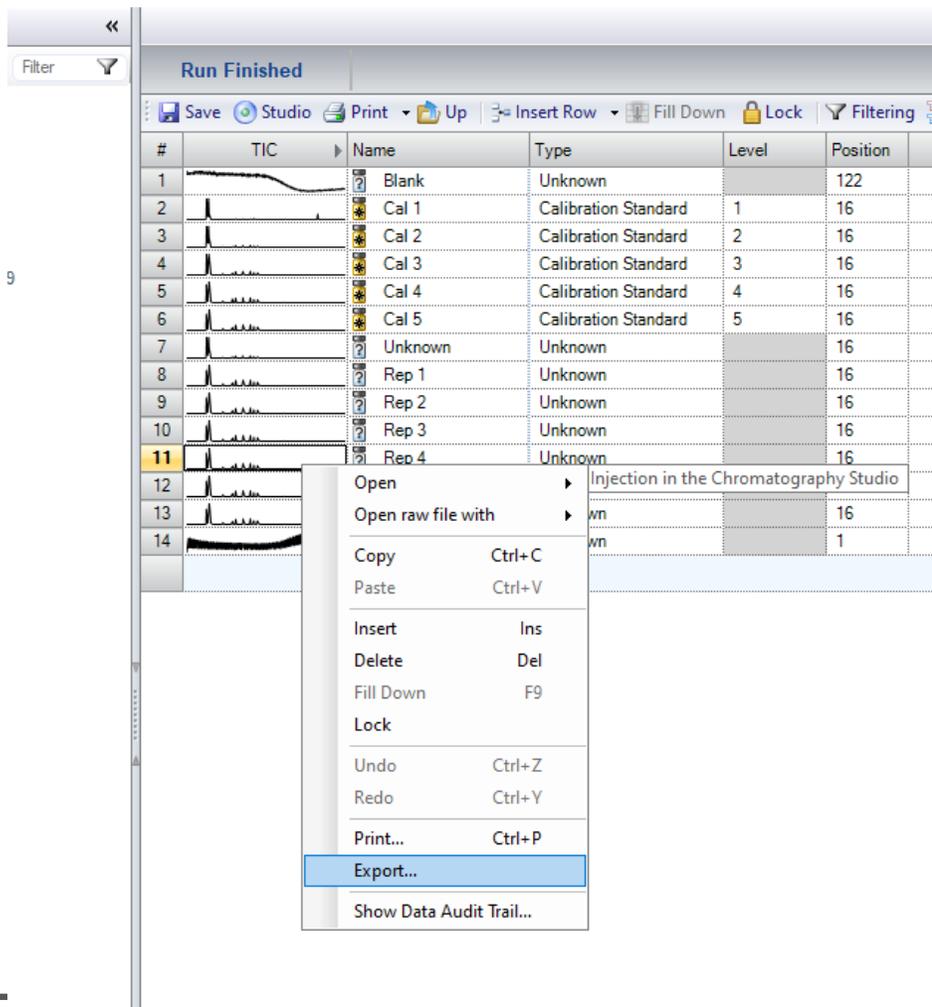
1: Register for a free Flexera account at <https://thermo.flexnetoperations.com/control/thmo/RegisterMemberToAccount>. You can select Demo Software if you do not have a Purchase Order / Material ID.

2: Once logged in, perform a product search to find the appropriate Xcalibur version. Download the zipped file, extract it, and then run the XInstall.exe file to walk through the installation wizard.

If you are unsure which version of Xcalibur needs to be downloaded and installed, please call Tech Support at 1-800-532-4752, Option 2 for Tech Support, and then listen for Options depending on Instrumentation

Export Chromeleon data to .raw

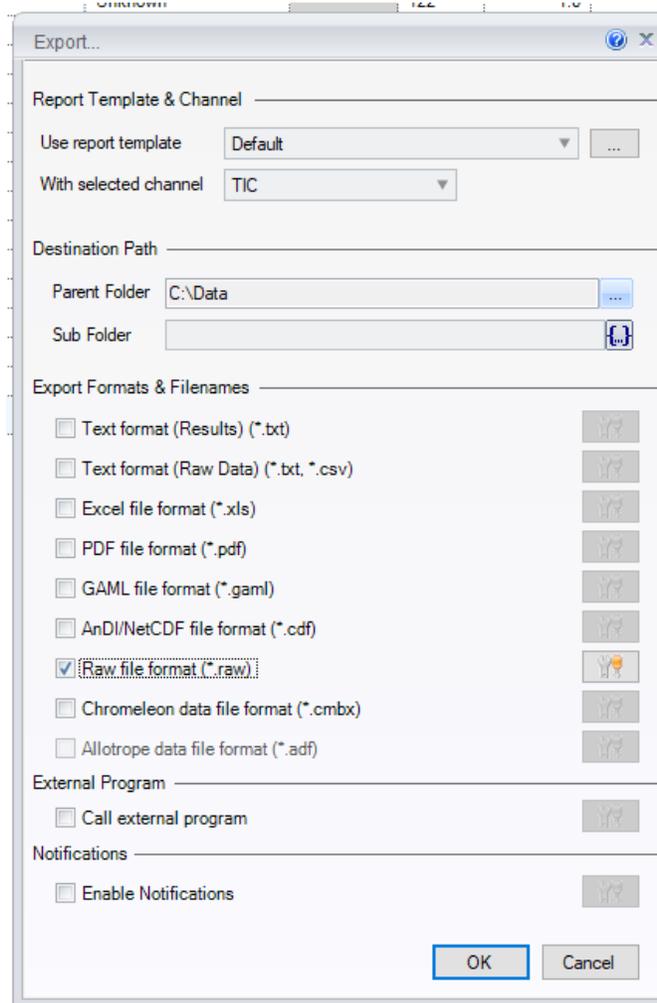
1: In the Chromeleon Console – Data Category, either right click on the entire sequence or individual file you want to convert and select “Export”. **Individual file export shown in examples**



The screenshot shows the Chromeleon Console interface. At the top, it says "Run Finished". Below that is a toolbar with icons for Save, Studio, Print, Up, Insert Row, Fill Down, Lock, and Filtering. The main area is a table with columns: #, TIC, Name, Type, Level, and Position. The table contains 14 rows of data. Row 11 is highlighted in yellow. A context menu is open over row 11, with "Export..." selected.

#	TIC	Name	Type	Level	Position
1		Blank	Unknown		122
2		Cal 1	Calibration Standard	1	16
3		Cal 2	Calibration Standard	2	16
4		Cal 3	Calibration Standard	3	16
5		Cal 4	Calibration Standard	4	16
6		Cal 5	Calibration Standard	5	16
7		Unknown	Unknown		16
8		Rep 1	Unknown		16
9		Rep 2	Unknown		16
10		Rep 3	Unknown		16
11		Rep 4	Unknown		16
12		Injection in the Chromatography Studio			
13		wn			16
14		wn			1

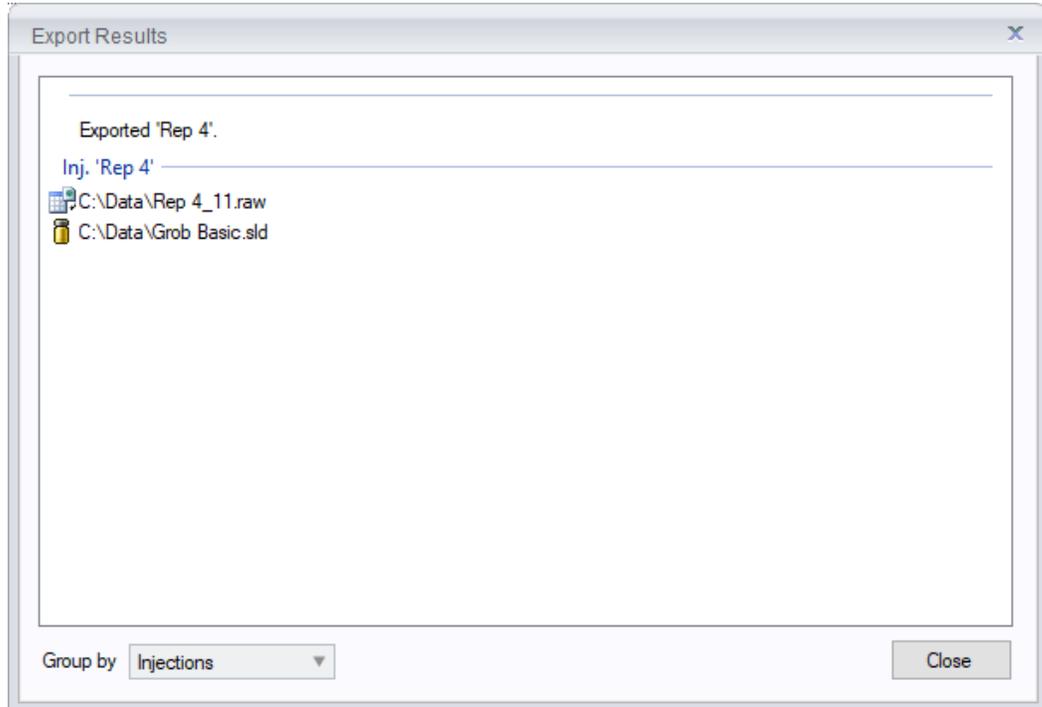
2: In the Export window, select TIC for your channel and select the Parent Folder directory where you would like your .raw data saved. Once these are selected, check the box for Raw file format (*.raw) and then OK



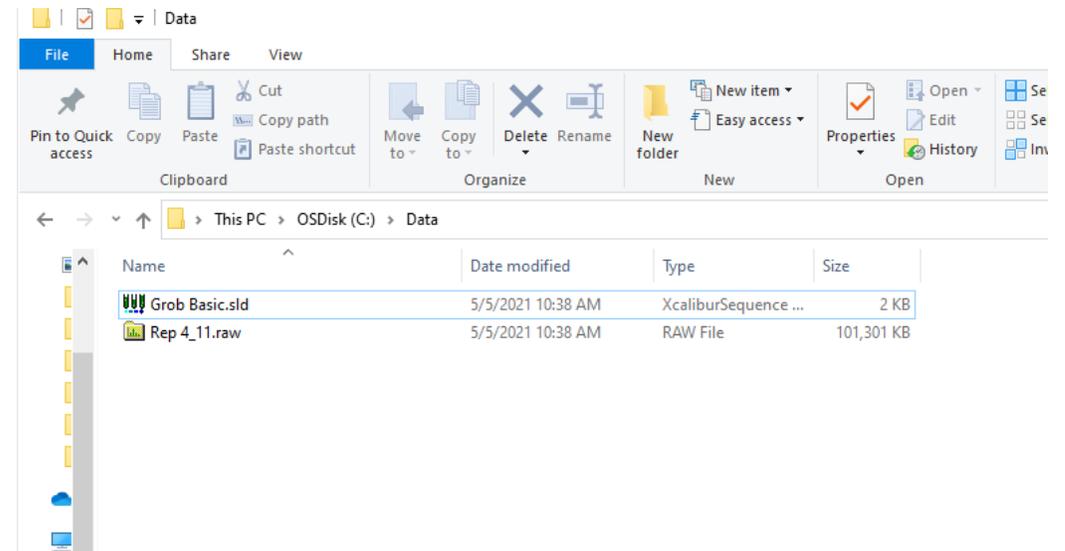
The screenshot shows the "Export..." dialog box. The "Report Template & Channel" section has "Use report template" set to "Default" and "With selected channel" set to "TIC". The "Destination Path" section has "Parent Folder" set to "C:\Data" and "Sub Folder" is empty. The "Export Formats & Filenames" section has several options, with "Raw file format (*.raw)" checked. The "External Program" section has "Call external program" unchecked. The "Notifications" section has "Enable Notifications" unchecked. The "OK" button is highlighted.

Export Chromeleon data to .raw

3: If successful, you'll see the Export Results indicate which files were created.



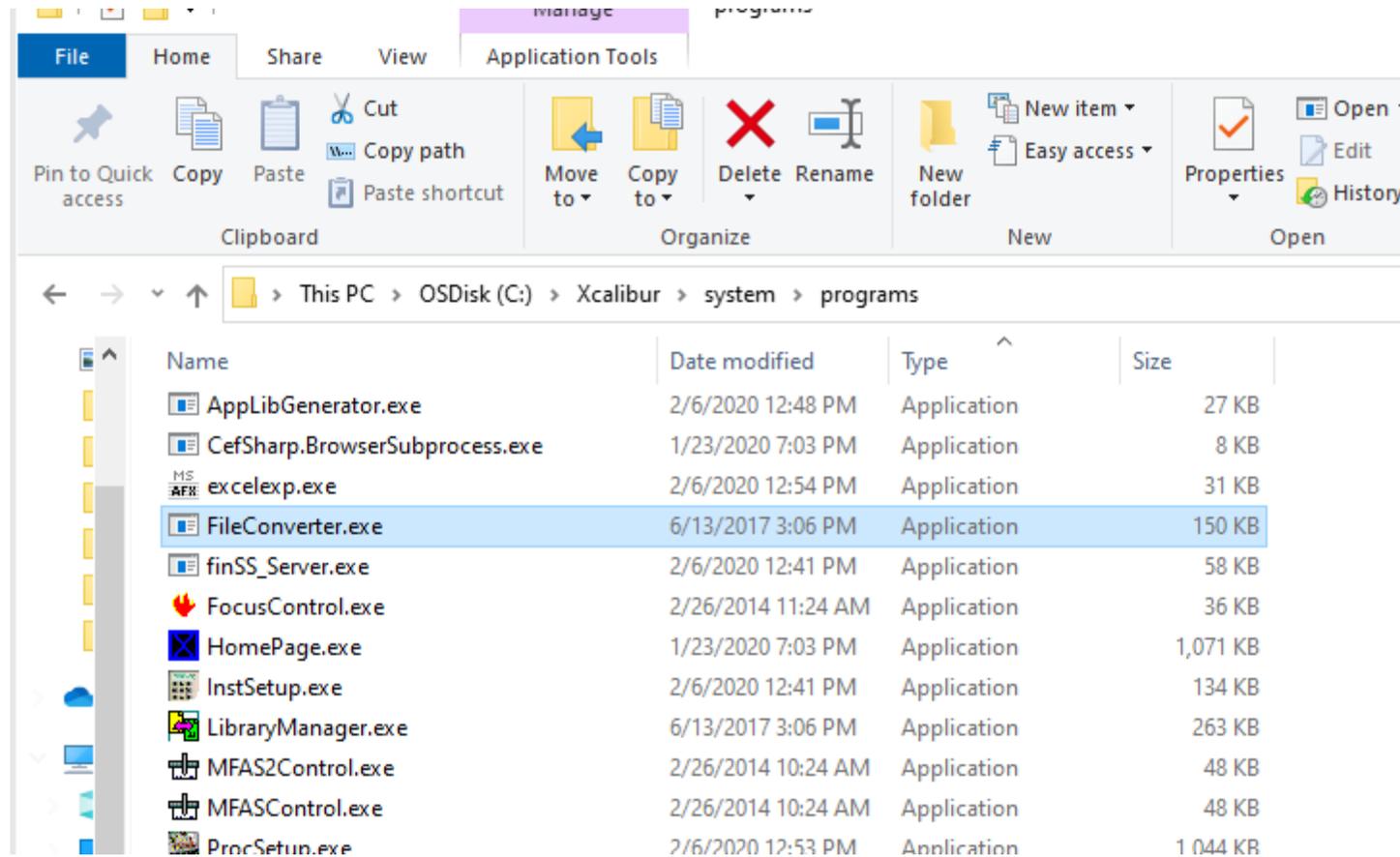
4: You can confirm that the .raw file was created by browsing to the directory you indicated the data should be saved.



Convert .raw to .cdf

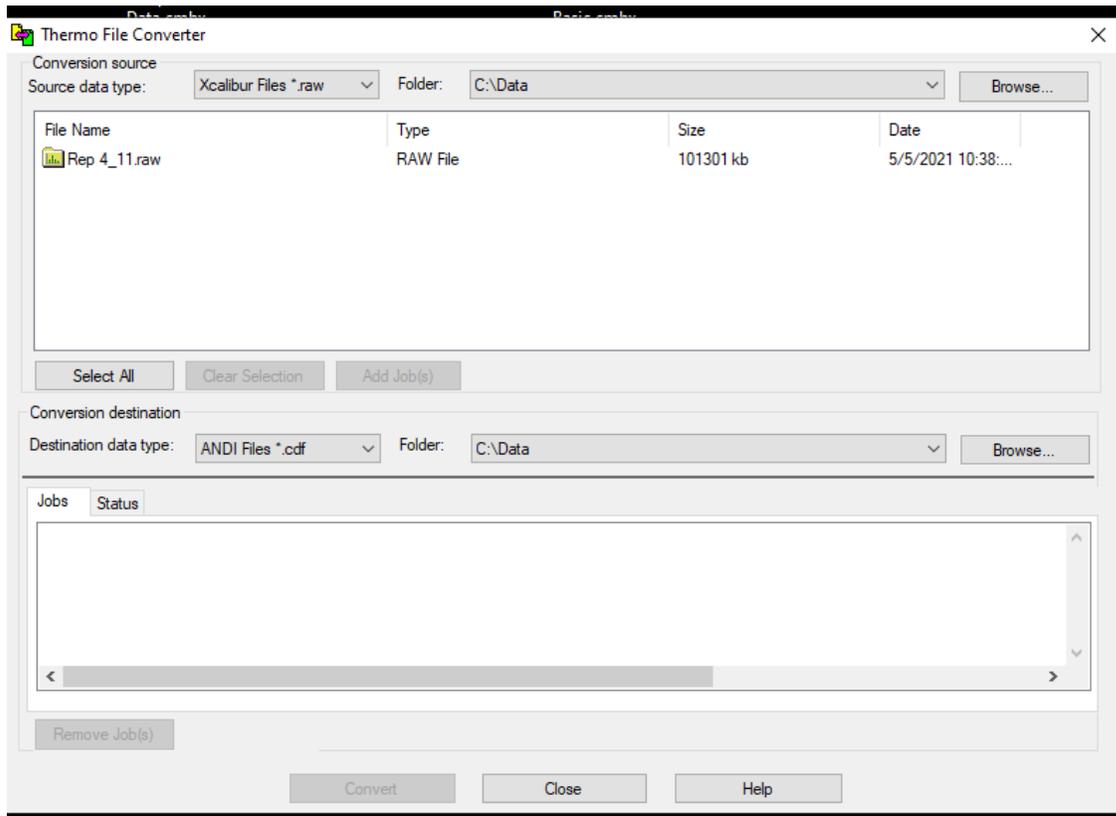
5: To convert your .raw to a .cdf, you need to utilize the FileConverter.exe program installed with Xcalibur. Navigate to the following directory and open the FileConverter.exe program:

C:\Xcalibur\system\programs

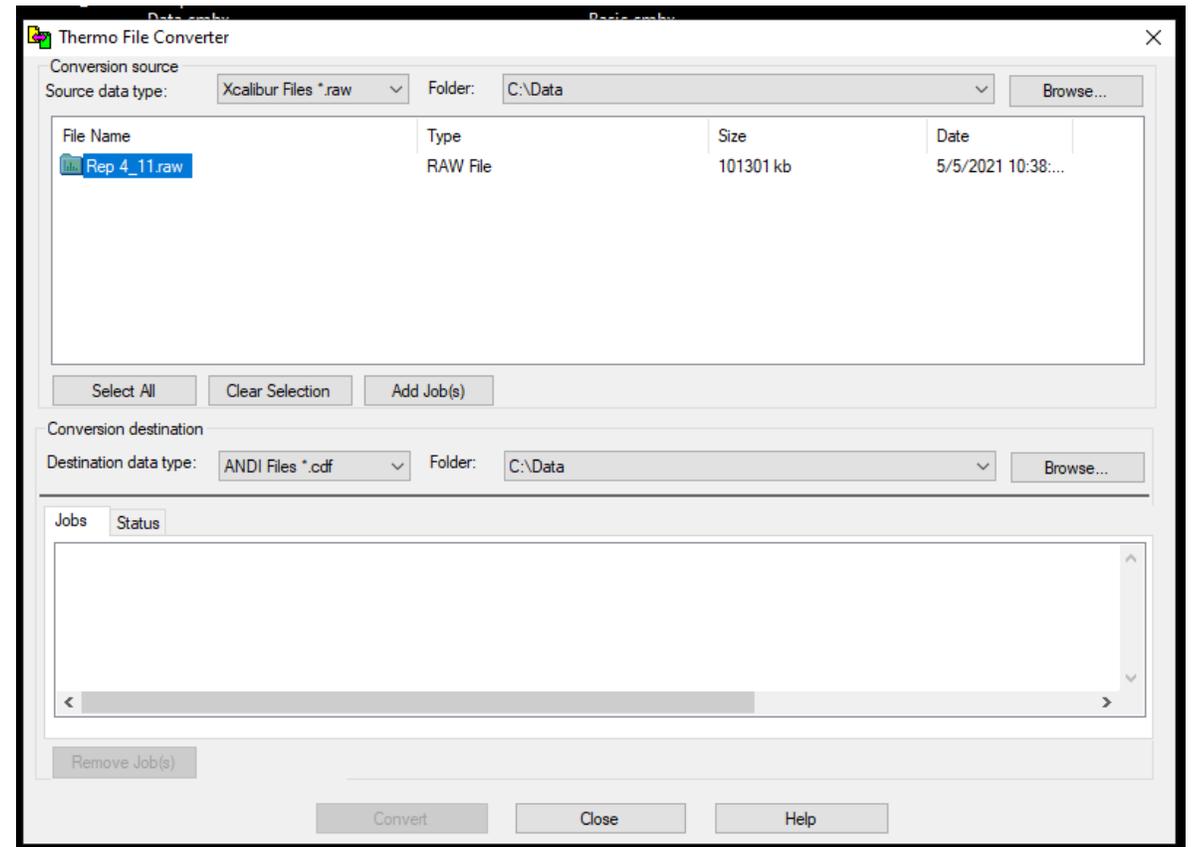


Convert .raw to .cdf

6: In the FileConverter program under Conversion source, select the source data type as Xcalibur Files *.raw and then Browse to the folder where you saved your Chromeleon export data.

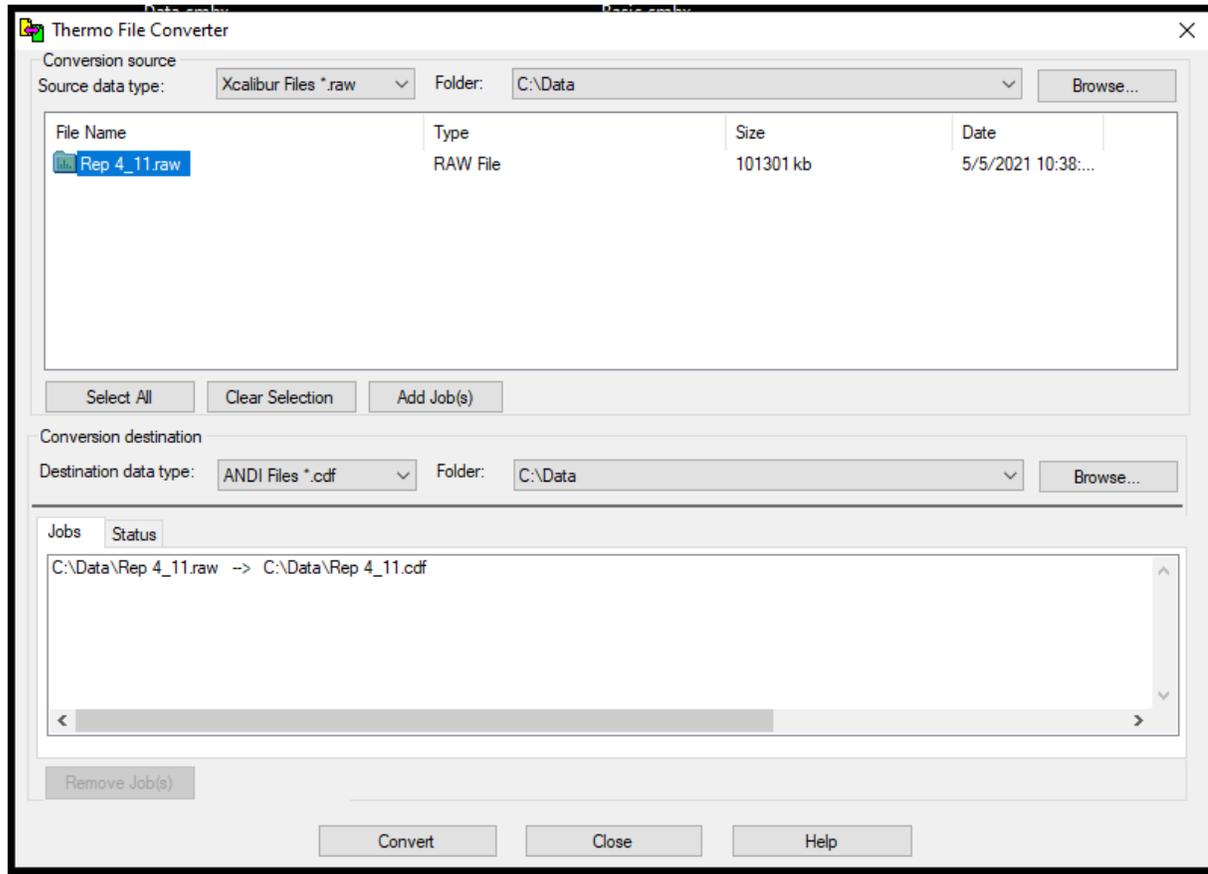


7: Any .raw files in that folder will be listed. If you want to convert them all to .cdfs, select 'Select All' and then 'Add Job(s)' to add them to the conversion queue. You can also select individual files and 'Add Job(s)' to queue if you don't want everything converted.

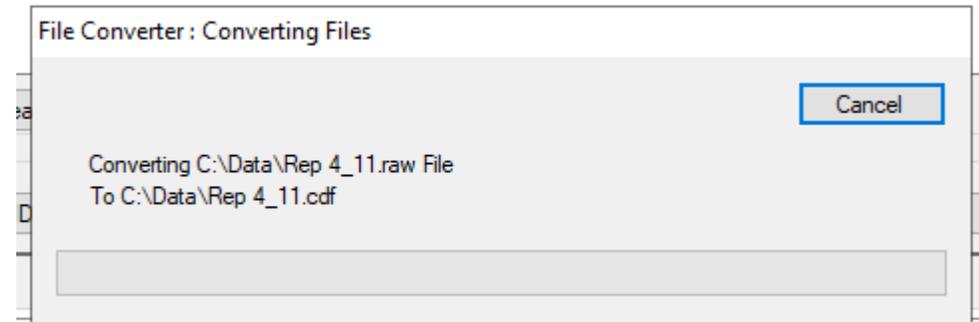


Convert .raw to .cdf

8: Once you 'Add Job(s)' to the Queue, you'll see them listed under Jobs. Before converting, confirm under Conversion destination that the Destination Data Type is set to ANDI Files *.cdf and that you've selected a folder location to save the new .cdf files.

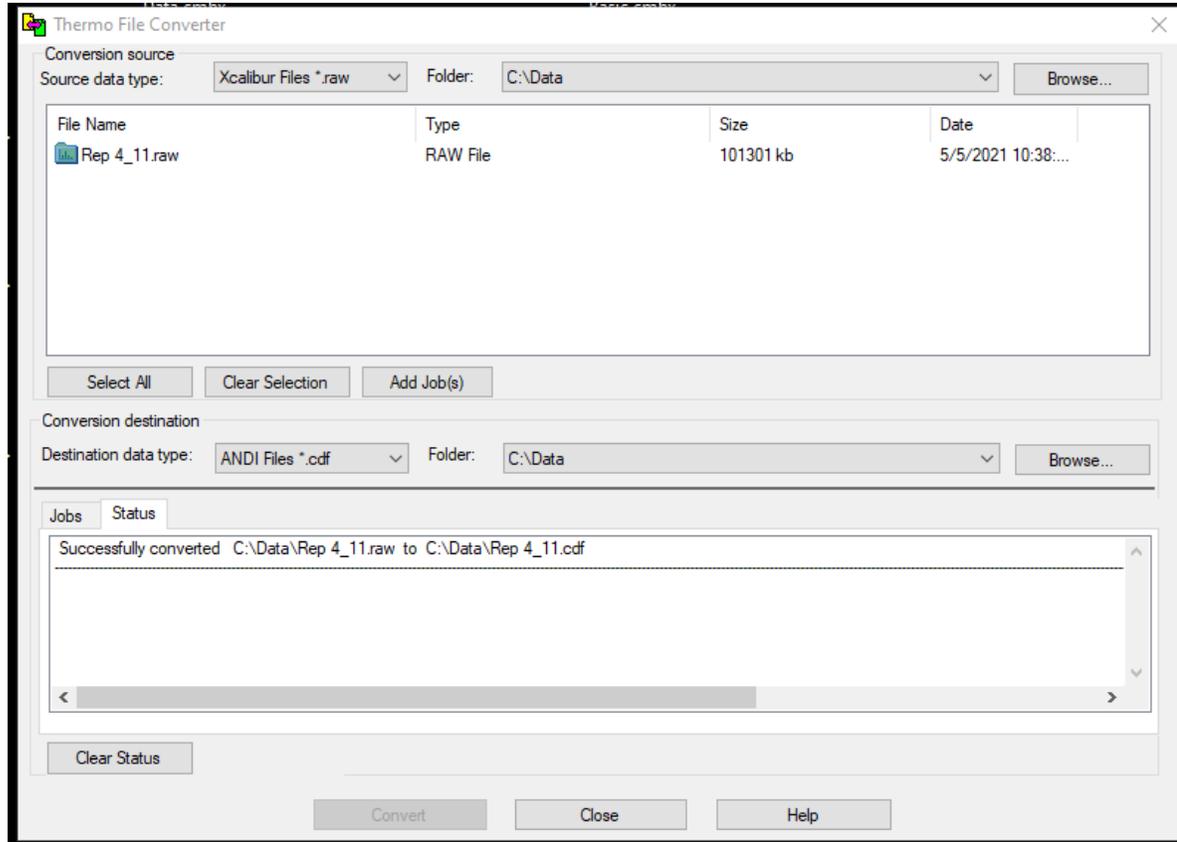


9: When you are ready to convert, select Convert at the bottom of the screen. You'll see a File Converter status pop up window that shows the conversion progress.



Convert .raw to .cdf

10: Once the conversion is complete, the Status tab will indicate successfully converted.



11: You can now navigate to the folder you selected to save the .cdf files and confirm they were generated.

