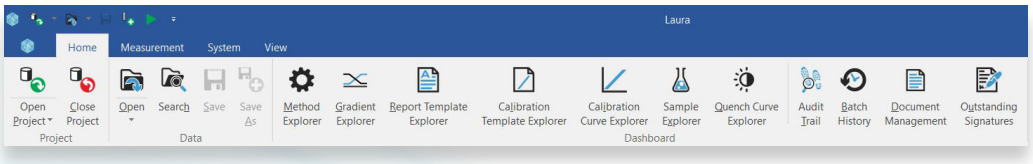
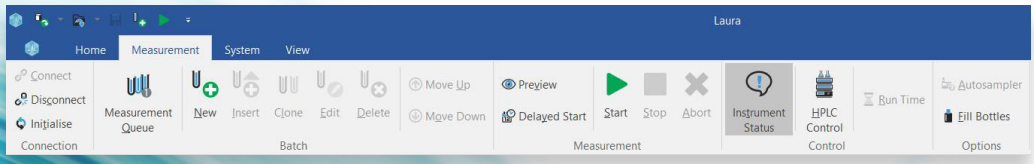
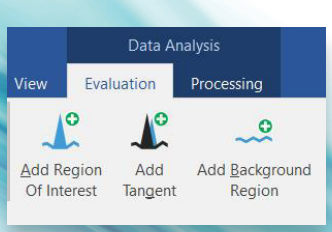
Software Release

Laura™

Radiochromatography Data
Collection and Analysis Software





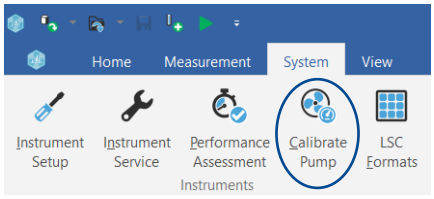


v6.0.2

LabLogic
EXPERIENCE & EXPERTISE

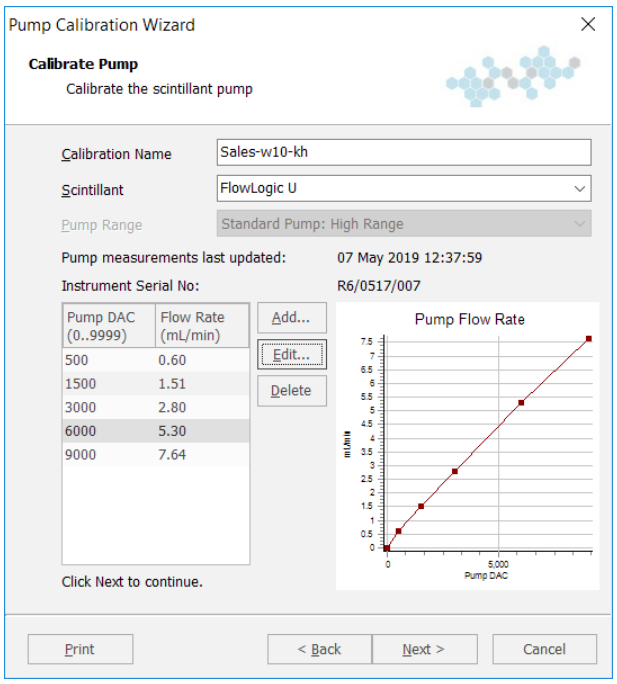
Laura version 6.0.2 is now released!

Added scintillant pump calibration function for Beta-RAM model 6. A calibration function has been added to support the Beta-RAM 6 scintillation cocktail pump. It operates in a very similar fashion to the pump calibration tool for previous B-RAM models.



The tool is under the system tab in Laura 6.0.2.

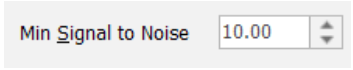
You use it as you did in previous models by setting a range of values and collecting and measuring the amount of scintillation cocktail delivered at each value.



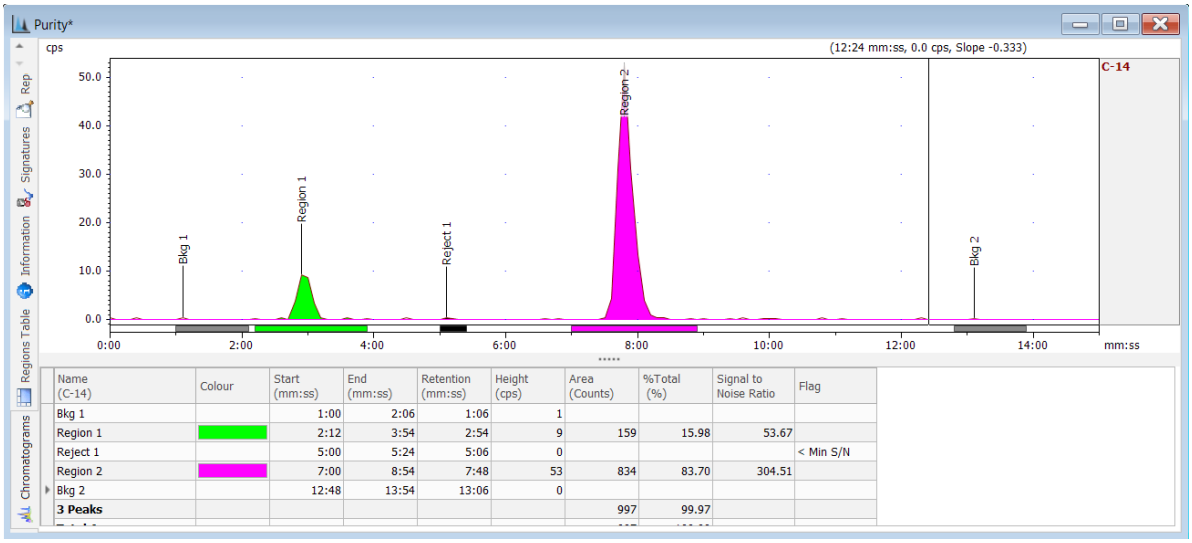
Please note: The range of values (DAC) is now 0-9999 in keeping with the window settings etc., for the Beta-RAM 6. The values in the example above are probably a good range to use.

Added peak rejection option for rejecting peaks below a specified signal to noise ratio.

Functionality has been added to the find peaks tool to enable the user to specify a minimum signal to noise ratio.



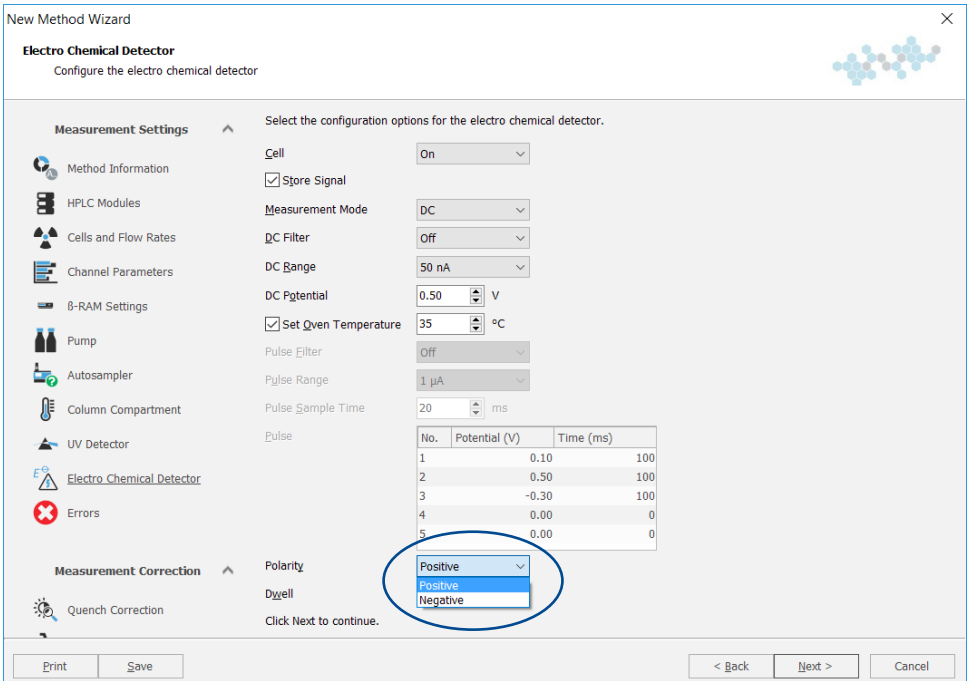
Any component that falls below this level is marked on the chromatogram as rejected, flagged in the region table and excluded from the calculated result.



Name (C-14)	Colour	Start (mm:ss)	End (mm:ss)	Retention (mm:ss)	Height (cps)	Area (Counts)	%Total (%)	Signal to Noise Ratio	Flag
Bkg 1		1:00	2:06	1:06	1				
Region 1		2:12	3:54	2:54	9	159	15.98	53.67	
Reject 1		5:00	5:24	5:06	0				< Min S/N
Region 2		7:00	8:54	7:48	53	834	83.70	304.51	
Bkg 2		12:48	13:54	13:06	0				
3 Peaks						997	99.97		

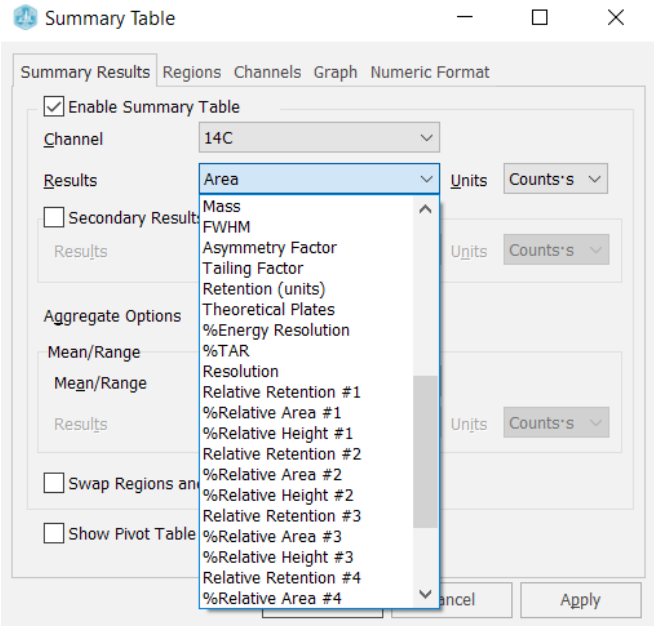
Added ability to set the polarity on ECD module.

To further enhance the support of the Logi-CHROM EC detector the functionality has been added to allow the user to select the polarity as part of the method set up.

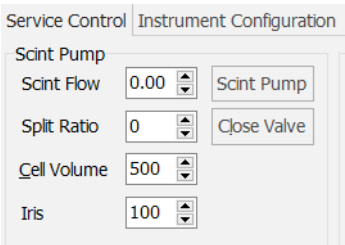


Added functionality to the summary tables utility.

The functionality of the summary table has been extended to allow more values to be included in the detail displayed. The additional values available include...%Largest, Signal to Noise Ratio, Mass, Asymmetry Factor, Tailing Factor, Theoretical Plates, Energy Resolution, Resolution, Capacity Factor, Noise, Noise SD.

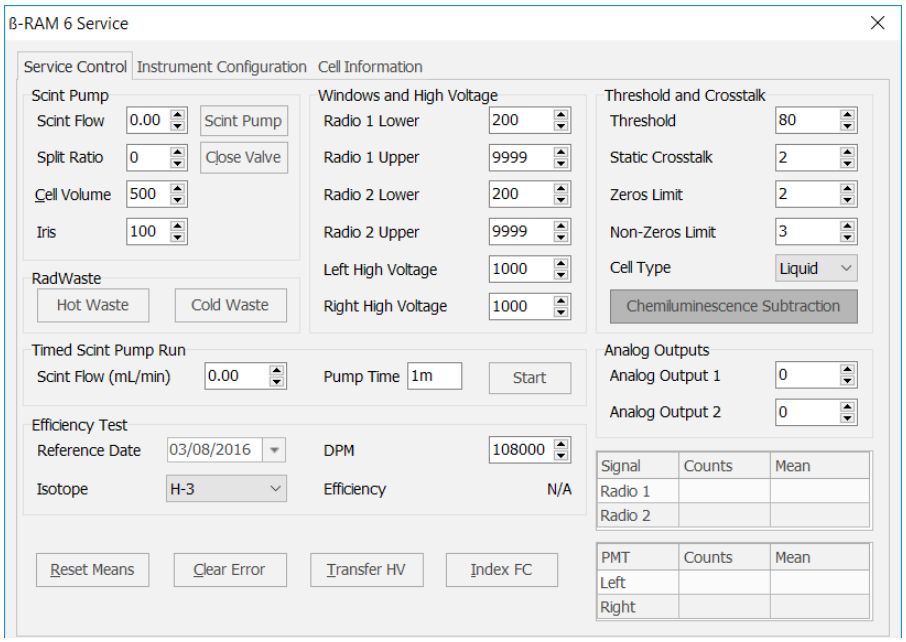


Added ability to change cell volume dynamically when standard installed in Beta-RAM model 6.



This function is part of the service utility and will not only be useful from a service point of view but also helps perform the instrument validation tests.

Added ability to run scintillant pump for a set time in Beta-RAM 6 service dialogue.



This function has been added to help engineers perform the preventative maintenance tasks regarding the scintillant delivery on the instrument.

Added ability to run scintillant pump for a set time in Beta-RAM 6 service dialogue.

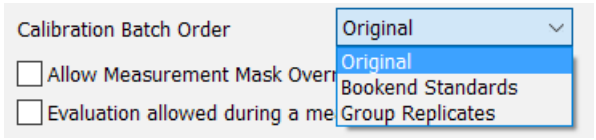
{MCA Offset}
{MCA Slope}

This has been added to make the reporting function for the multi-channel analysers more complete.

Added the ability to link or un-link a Laura project from a Debra study.

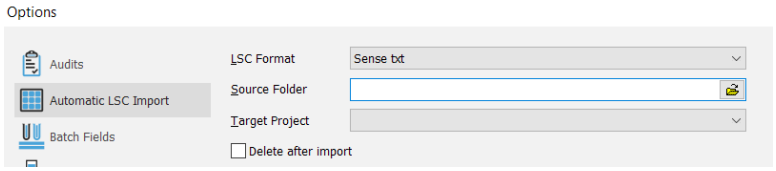
If Laura and Debra security are linked then under the project manager tool a project can be created in Laura and linked to a Debra study. Projects can also be un-linked.

Added group replicates function to calibration tool.



Users already have the ability to bookend standards as a default when creating a calibration this new function allows the calibration sequence to be set up so that replicates are grouped together. For example 1, 1, 1, 10, 10, 10, 100, 100, 100 instead of 1, 10, 100, 1, 10,100, 1, 10, 100.

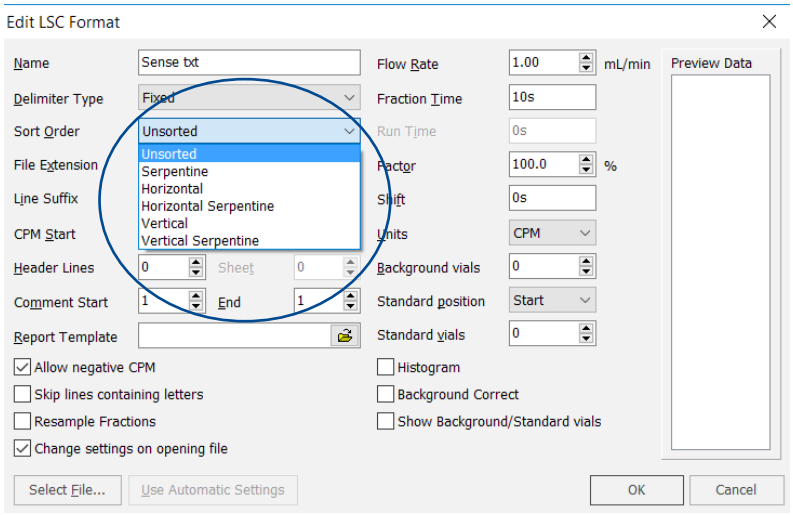
Added functionality to automatically import LSC and plate reader data from a specified location.



This function has primarily been added to support automatic data import from the Hidex Sense instrument but could possibly be extended to support other counters and plate readers. This is potentially a very useful feature for support of data integrity and regulatory compliance.

Added to the options for reading well plates in the LSC import tool.

Functionality has been added to support different sequences when Laura is importing and creating chromatograms from plate readers.



So a new 'Sort Order' drop-down with options for Unsorted, Serpentine, Horizontal (A1-A12, B1-B12, C1-C12..), Horizontal Serpentine (A1-A12,B12-B1, C1-C12..), Vertical (A1-H1, A2-H2, A3-H3..) and Vertical Serpentine (A1-H1, H2-A2, A3-H3..) has been added.

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