

Restoring Data & Methods from a Crashed PC

In the event of a computer crash where backups of databases and methods have not been made, we can still recover data and methods provided the hard drive of the PC is still accessible.

Technology: Titration, Ion Chromatography

Recovering Data

1. Recover the hard drive.
2. On the hard drive, you will need to look for the following file paths:

Operating System	Software	File path
Windows XP	tiamo	C:\Program Files\Metrohm\Tiamo\Data\Determination
	MagIC Net	C:\Program Files\Metrohm\Tiamo\Data\IC_Determination
Windows 7 and Above	tiamo	C:\ProgramData\Metrohm\Tiamo\Data\Determination
	MagIC Net	C:\ProgramData\Metrohm\MagIC Net\Data\IC_Determination

NOTE: For Windows 7 and above, the file paths may be hidden folders. Enable the properties of the hard drive to show hidden folders to access this directory.

3. These folders should contain several folders, one for each database you had saved in the software.
4. Copy the folder(s) to a USB drive, external hard drive or network drive.

Copying to New PC

1. Paste the folder(s) into the corresponding directory (as above) on the new PC; overwriting any files or folders which already exist.
2. Launch the software.
 - a. This may take several minutes, depending on how much data you previously had.
3. In the software, click Database > File > Database manager – all of the Determination databases copied should now be accessible.

Restoring Methods

1. In the software, click Database > File > Open.
2. Open the database of your choosing.
3. Sort the results by method name by clicking on the 'Method name' column.

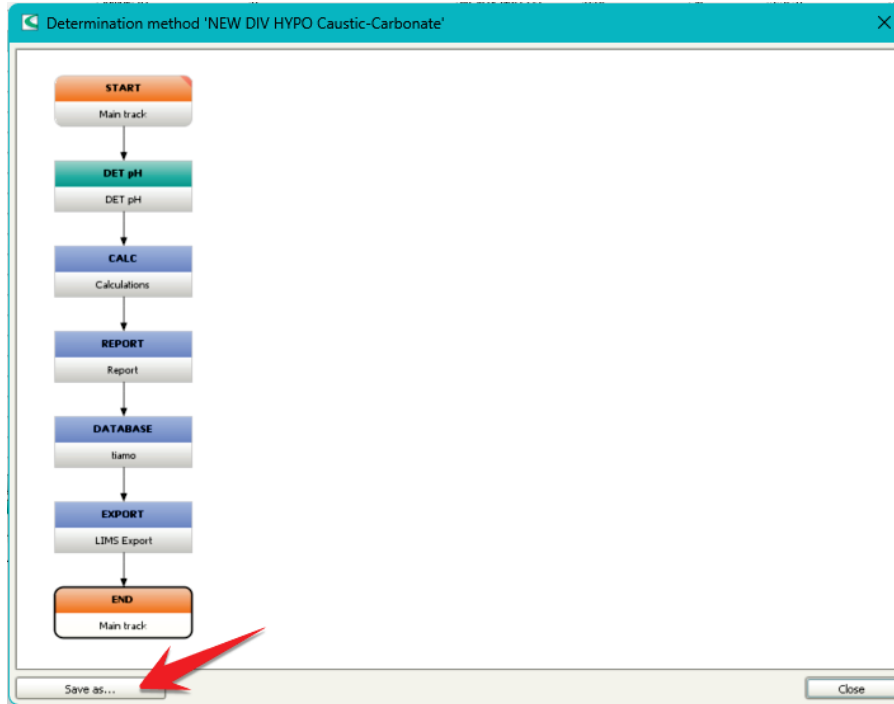
Determination overview			
Filter	All determinations		
	Determination start ▼	Method name	ID1_Nam
1	2024-07-09 16:16:56 UTC-4	Alkalinity, Carbonate in Hypo	Sample ID
2	2024-07-09 15:15:21 UTC-4	NEW DIV HYPO Caustic-Carbonate	Sample ID
3	2024-07-09 11:49:10 UTC-4	NEW DIV HYPO Caustic-Carbonate	Sample ID
4	2024-07-03 14:03:37 UTC-4	Daily Sodium Hydroxide	Standard Lot Nu
5	2024-06-24 19:12:57 UTC-4	KC Glycerin, v2A, 06-24-24	SampleName
6	2024-06-24 19:02:43 UTC-4	KC Glycerin, v2A, 06-24-24	SampleName
7	2024-06-24 14:35:51 UTC-4	KC Glycerin, v2A, 06-24-24	SampleName
8	2024-06-24 14:25:33 UTC-4	KC Glycerin, v2A, 06-24-24	SampleName

4. For each unique method, select the most recent determination.
5. Right click > Select 'Show method'.

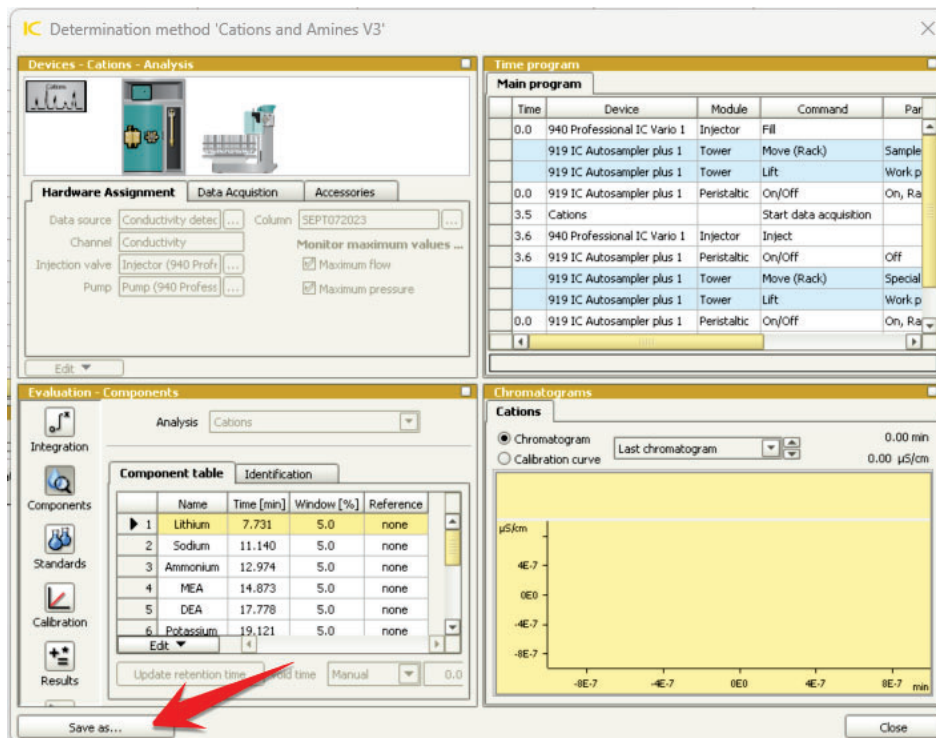
Determination overview			
Filter	All determinations		
	Determination start ▼	Method name	ID1_Nam
1	2024-07-09 16:16:56 UTC-4	Alkalinity, Carbonate in Hypo	Sample ID
2	2024-07-09 15:15:21 UTC-4	NEW DIV HYPO Caustic-Carbonate	Sample ID
▶ 3	2024-07-09 11:49:10 UTC-4	NEW DIV HYPO Caustic-Carbonate	Sample ID
4	2024-07-03 14:03:37 UTC-4	Daily Sodium Hydroxide	Standard
5	2024-06-24 19:12:57 UTC-4	KC Glycerin, v2A, 06-24	SampleNa
6	2024-06-24 19:02:43 UTC-4	KC Glycerin, v2A, 06-24	SampleNa
7	2024-06-24 14:35:51 UTC-4	KC Glycerin, v2A, 06-24	SampleNa
8	2024-06-24 14:25:33 UTC-4	KC Glycerin, v2A, 06-24	SampleNa
9	2024-06-21 19:59:53 UTC-4	KC Glycerin, v2, 06-21-2	SampleNa
10	2024-06-21 19:45:21 UTC-4	KC Glycerin, v2, 06-21-2	SampleNa
11	2024-06-04 16:32:50 UTC-4	Moisture Determination I	Sample ID
12	2024-06-04 16:11:08 UTC-4	Moisture Determination I	Sample ID
13	2024-06-04 14:25:27 UTC-4	Moisture Determination I	Sample ID
14	2024-06-04 14:13:20 UTC-4	Moisture Determination I	Sample ID
15	2024-05-28 10:25:01 UTC-4	Titer Determination 901	ID1
16	2024-05-28 10:21:01 UTC-4	Titer Determination 901	ID1
17	2024-05-28 10:16:18 UTC-4	Titer Determination 901_2Temp	ID1

- This will result in a window displaying the method; at the bottom left of the window, click 'Save as...'

tiamo:



MagIC Net:



Time program

Time	Device	Module	Command	Par
0.0	940 Professional IC Vario 1	Injector	Fill	
	919 IC Autosampler plus 1	Tower	Move (Rack)	Sample
	919 IC Autosampler plus 1	Tower	Lift	Work p
0.0	919 IC Autosampler plus 1	Peristaltic	On/Off	On, Ra
3.5	Cations		Start data acquisition	
3.6	940 Professional IC Vario 1	Injector	Inject	
3.6	919 IC Autosampler plus 1	Peristaltic	On/Off	Off
	919 IC Autosampler plus 1	Tower	Move (Rack)	Special
	919 IC Autosampler plus 1	Tower	Lift	Work p
0.0	919 IC Autosampler plus 1	Peristaltic	On/Off	On, Ra

Evaluation - Components

Component	Name	Time [min]	Window [%]	Reference
1	Lithium	7.731	5.0	none
2	Sodium	11.140	5.0	none
3	Ammonium	12.974	5.0	none
4	MEA	14.873	5.0	none
5	DEA	17.778	5.0	none
6	Potassium	19.121	5.0	none

- Save the method using the same method name displayed in the Database.

8. Repeat this process for all database and individual methods.

NOTE: It is important to save the method(s) from the most recent determinations to ensure the most current method version is saved.

Other ideas

'Submit a request' for further assistance from Metrohm Technical Support at support.metrohmusa.com.