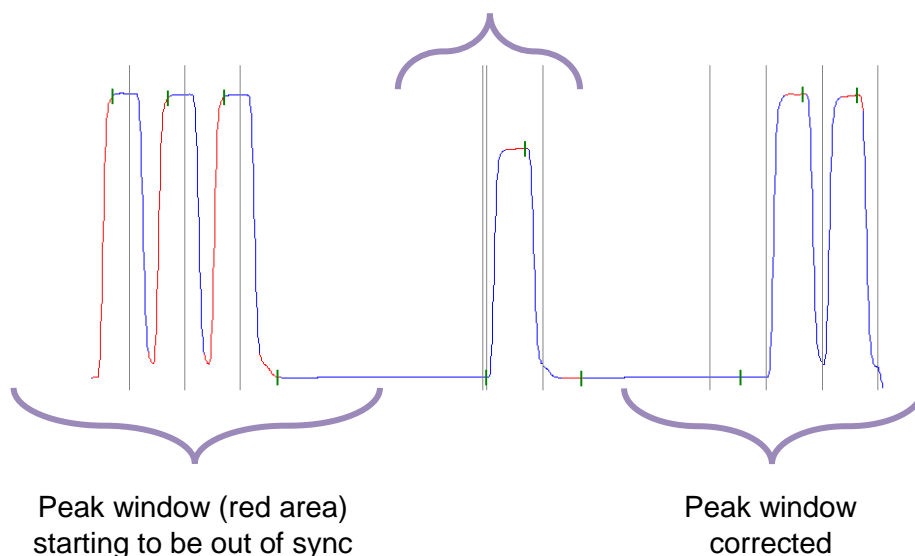


## Customer Guidance: Resync after Baseline - Drift

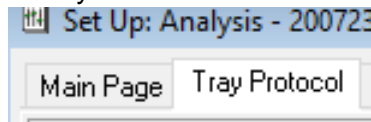
With long runs on the segmented flow analyzers, it is sometimes beneficial to have the peak windows resynced over the course of the run. This will essentially resync the primer (drift) peak and update the peak window from there.

Baseline followed by Drift  
– Reset Peak Window





### Instructions for “Resync after Baseline-Drift” setup:

- 1) Go into the **Tray Protocol** of the analysis file or run file.



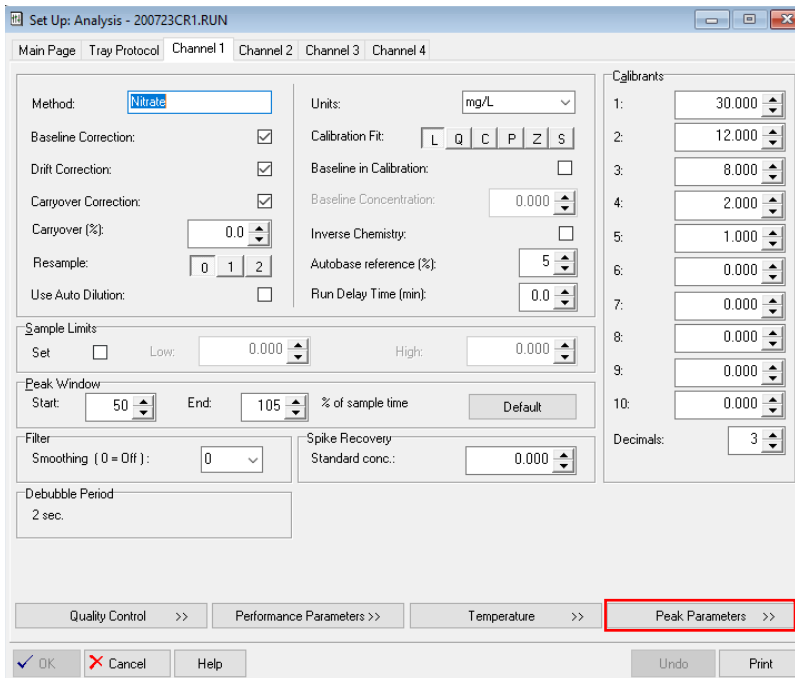
- 2) In the Tray Protocol tab, ensure there is a baseline peak followed by a drift peak. There is no limit to the number of baseline/drift peaks that can be added

	B	0	Baseline
	D	901	Drift

- a. To ensure no carryover from the drift peak, add a NULL peak following the drift peak. The null will sample from the wash pot for one peak period.

	B	0	Baseline	1.00
	D	901	Drift	1.00
<b>0</b>	N	0	Null	1.00

3) Navigate to the channel tab and select **Peak Parameters**.



Set Up: Analysis - 200723CR1.RUN

Main Page Tray Protocol Channel 1 Channel 2 Channel 3 Channel 4

Method: Nitrate Units: mg/L

Baseline Correction: ☒ Calibration Fit: L Q C P Z S

Drift Correction: ☒ Baseline in Calibration: ☐

Carryover Correction: ☒ Baseline Concentration: 0.000

Carryover (%): 0.0 Inverse Chemistry: ☐

Resample: 0 1 2 Autobase reference (%): 5

Use Auto Dilution: ☐ Run Delay Time (min): 0.0

Sample Limits

Set ☐ Low: 0.000 High: 0.000

Peak Window

Start: 50 End: 105 % of sample time Default

Filter

Smoothing (0 = Off): 0 Spike Recovery

Standard conc.: 0.000

Decimals: 3

Calibrants

1: 30.000

2: 12.000

3: 8.000

4: 2.000

5: 1.000

6: 0.000

7: 0.000

8: 0.000

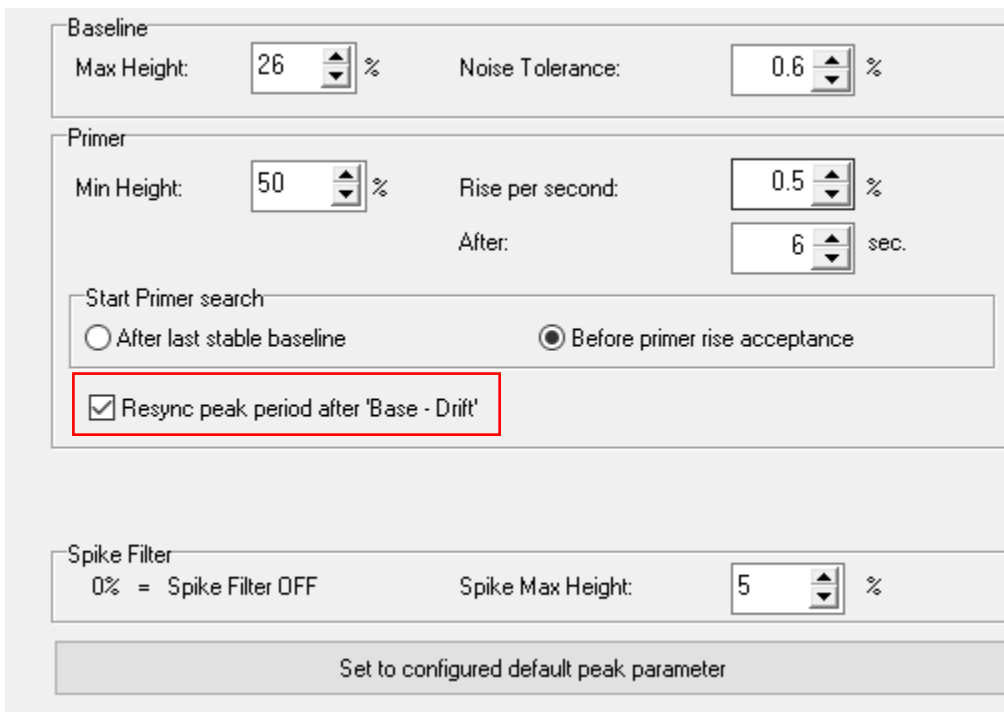
9: 0.000

10: 0.000

Quality Control >> Performance Parameters >> Temperature >> **Peak Parameters >>**

OK Cancel Help Undo Print

4) Then select **Resync peak period after 'Base - Drift'**.



Baseline

Max Height: 26 % Noise Tolerance: 0.6 %

Primer

Min Height: 50 % Rise per second: 0.5 %

After: 6 sec.

Start Primer search

☐ After last stable baseline ☒ Before primer rise acceptance

☒ Resync peak period after 'Base - Drift'

Spike Filter

0% = Spike Filter OFF Spike Max Height: 5 %

Set to configured default peak parameter

5) Repeat this process for all channels.



6) Click OK to save.