



CHROMATOGRAPHY

Service | Verification | Training | Application

Tips and Tricks

Condition

Defective Purge Valve

Symptoms: Retention time shift (elution time delayed)

Error Message: N/A

Solution

Perform the following steps

1. Turn flow off.
2. Locate the Purge Valve (located in pump module)
3. Disconnect the waste tubing from the purge valve
4. Drain solvent out of tubing
5. Re-connect tubing to purge valve
6. Turn flow on (the purge valve is still open)
7. Close purge valve
8. Observe waste tubing (the liquid inside the waste tubing should not move)

If you observe flow through the waste line with the purge valve closed =>

Replace Purge Valve

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Instrument: 1100 LC

Form: 001-001-SS