

## On-line detection of Siloxanes in biogas

As a consequence of the widespread use of siloxanes for hygiene, health care, industrial products etc., they are residual of biogas power generators of landfills and waste water treatment plants. Without filtering it silicon-dioxide is produced during combustion in gas turbines, which can settle on the surfaces and damage the interior equipment.

The A-IMS (Analytical-IMS) allows a quickly and easily in-situ monitoring of the filter breakthrough for siloxane-compounds in biogas without any sample preparation.



### Applications:

- Process / quality monitoring
- Detection of residual solvents

### Advantages of A-IMS:

- In-situ gas monitoring without sample preparation
- Direct sample introduction through by-pass
- Automated workflow
- Fast run times: Results in typically <1 minute



**Analytical-IMS**

