

Sample: Temperature-Programmed Desorption (TPD) Example
Operator: Chemist
Submitter: Particle Technology Labs
File: R:\3Flex\data\Website examples 2022\TPD.SMP

Started: 11/10/2020 11:19:42 AM
Completed: 11/10/2020 7:22:42 PM

Sample mass: 5.0738 g
Report time: 12/21/2022 5:27:59 PM

Comments: Material Name Client ID PTL Project # PTL ID

Summary Report

Experiment 1: TiO₂ NH₃ TPD

Analysis type: Temperature Programmed
Calibration: (3500_0034) 15% NH₃ in He Calibration 2020-11-12
Measured flow rate: 892.8 $\mu\text{mol}/\text{min}$
Signal offset: 0.11911
Signal inverted: No

Peak Number	Temperature at Maximum (°C)	Quantity ($\mu\text{mol}/\text{g}$)	Peak Height
1	89.6	2.07149	-5.630e-03
2	553.0	64.48279	-4.422e-02

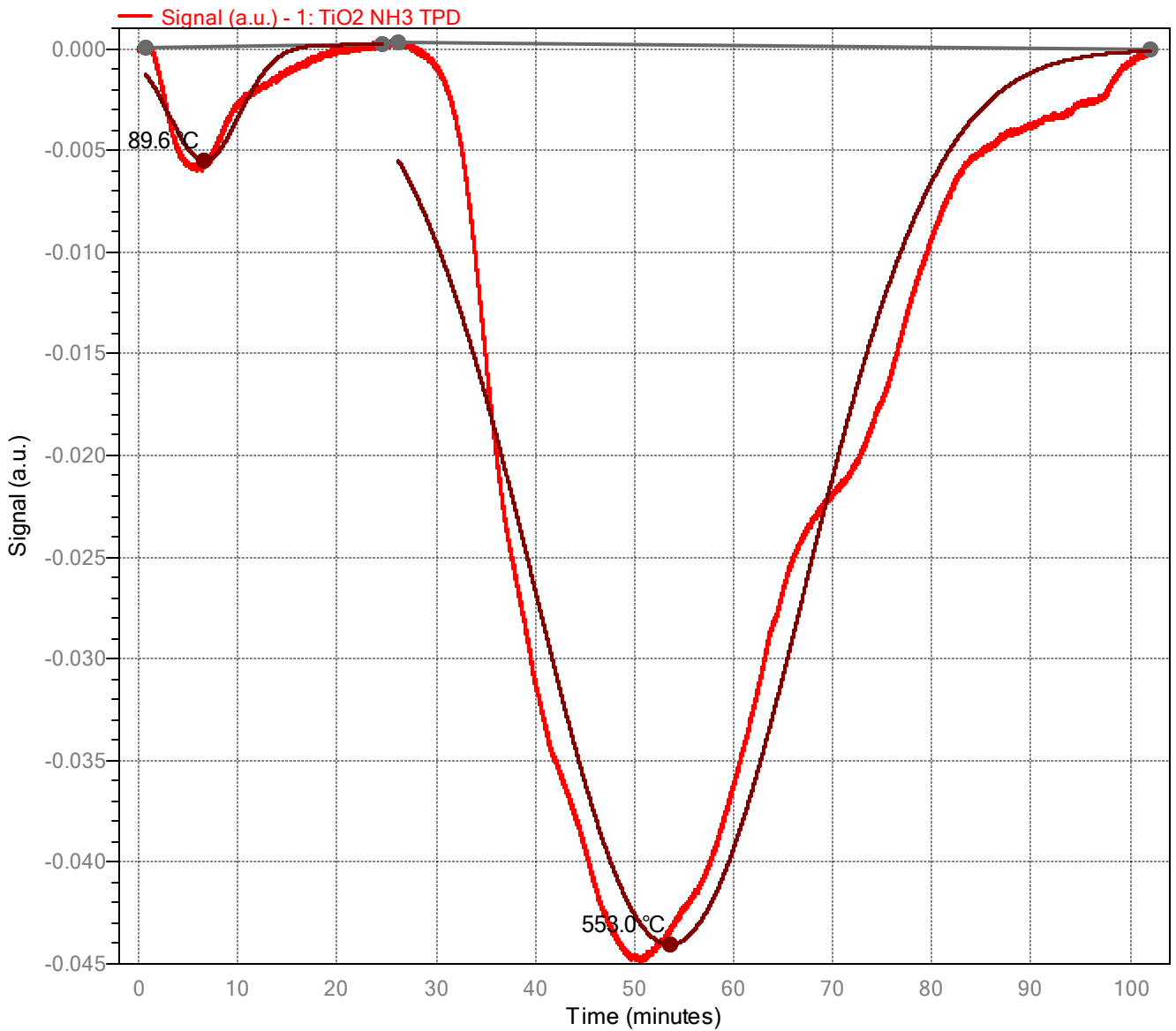
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Signal (a.u.) vs. Time



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