



Overview of the Historical Data Zurich

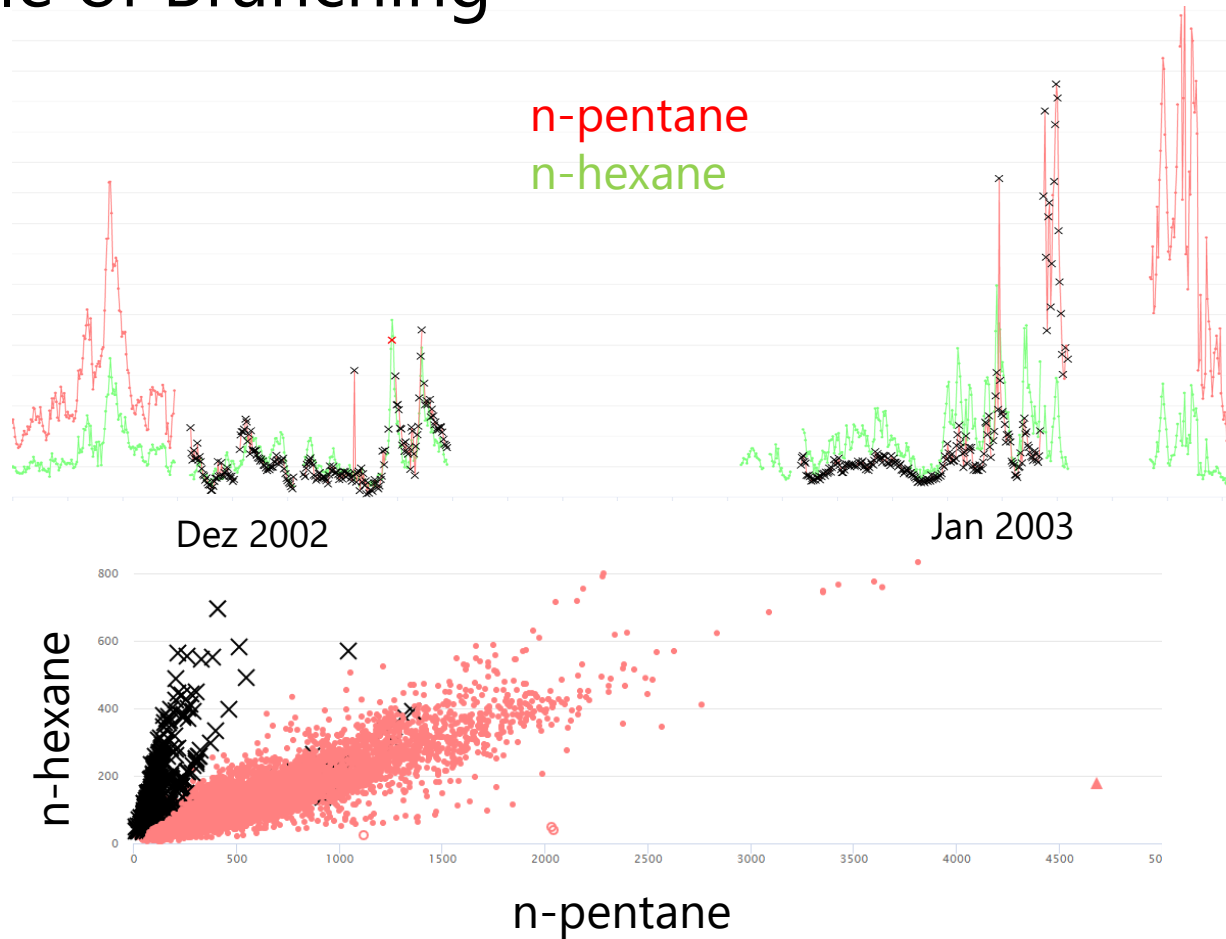
CiGas Meeting 18.04.2023

Michelle Jessy Müller

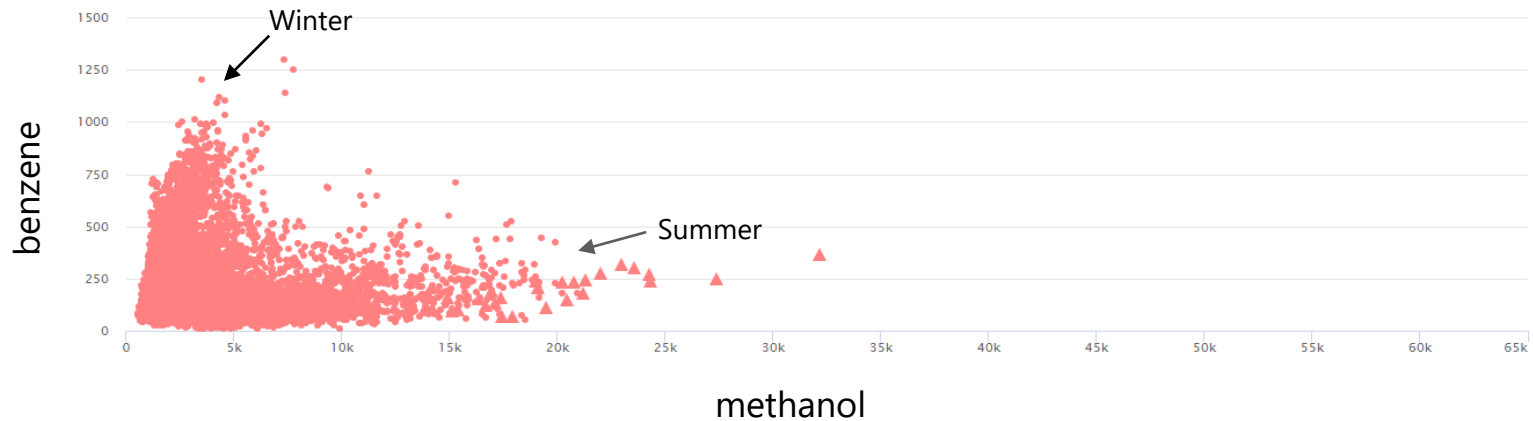
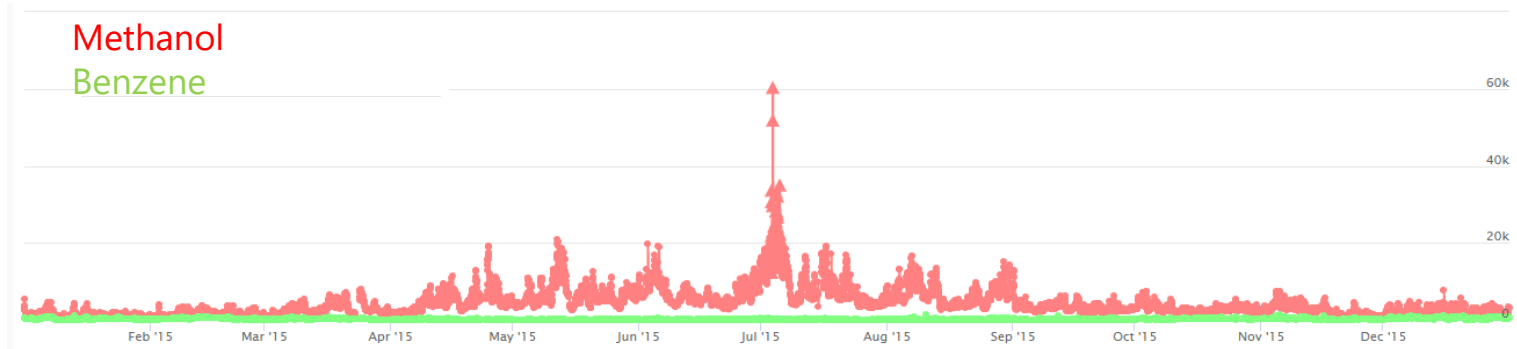
1993-2022: Reassessment of 30 Years of Data using @VOC@

- Branching (especially with older data)
- Local Events
- «Normal» Scattering (urban location)

Example of Branching



Seasonal Branching: Normal Behavior



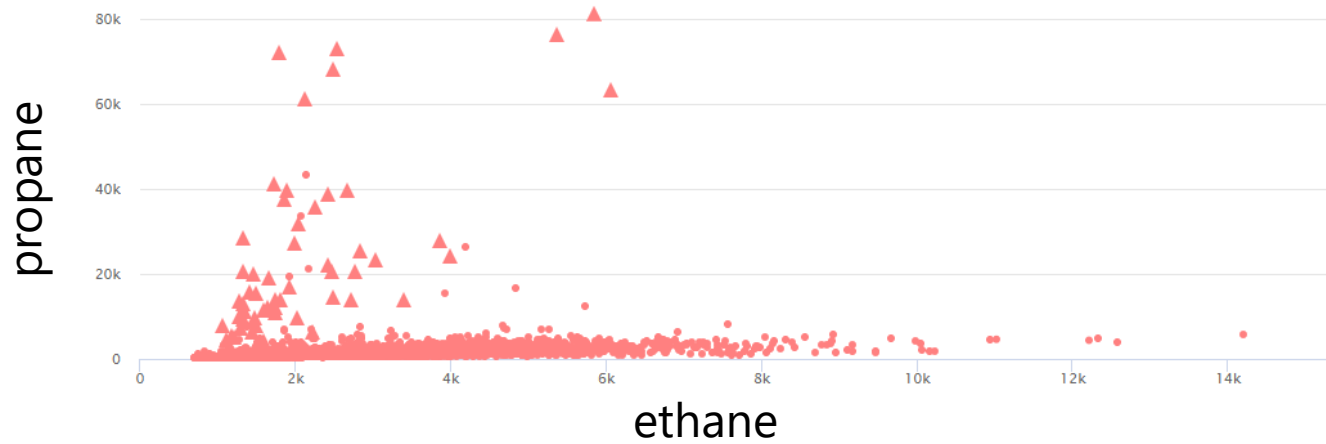
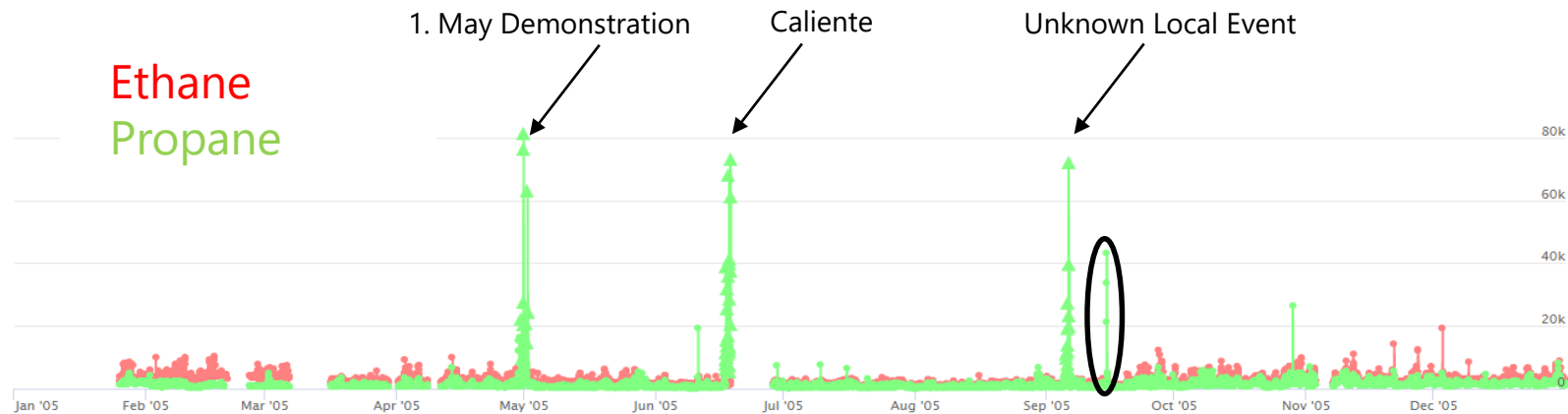
Local Events



Local Events

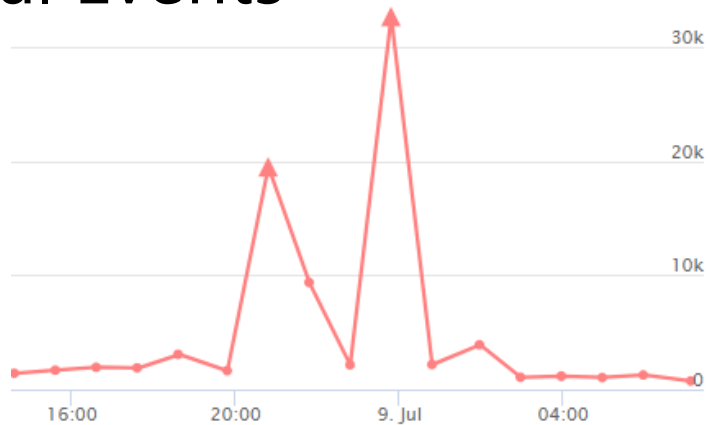


Local Events

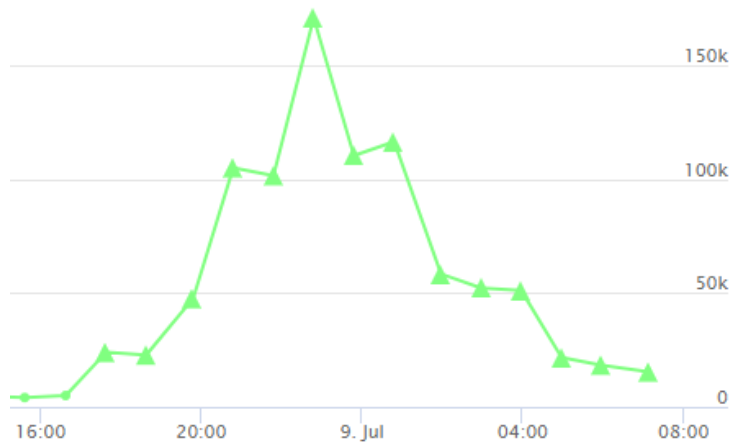


Local Events

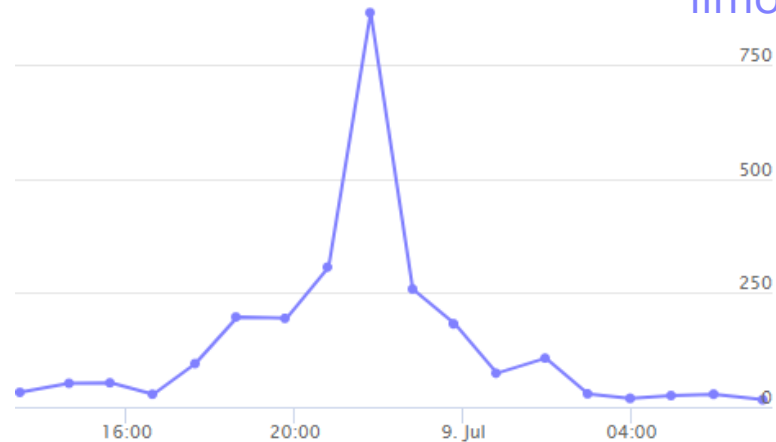
propane



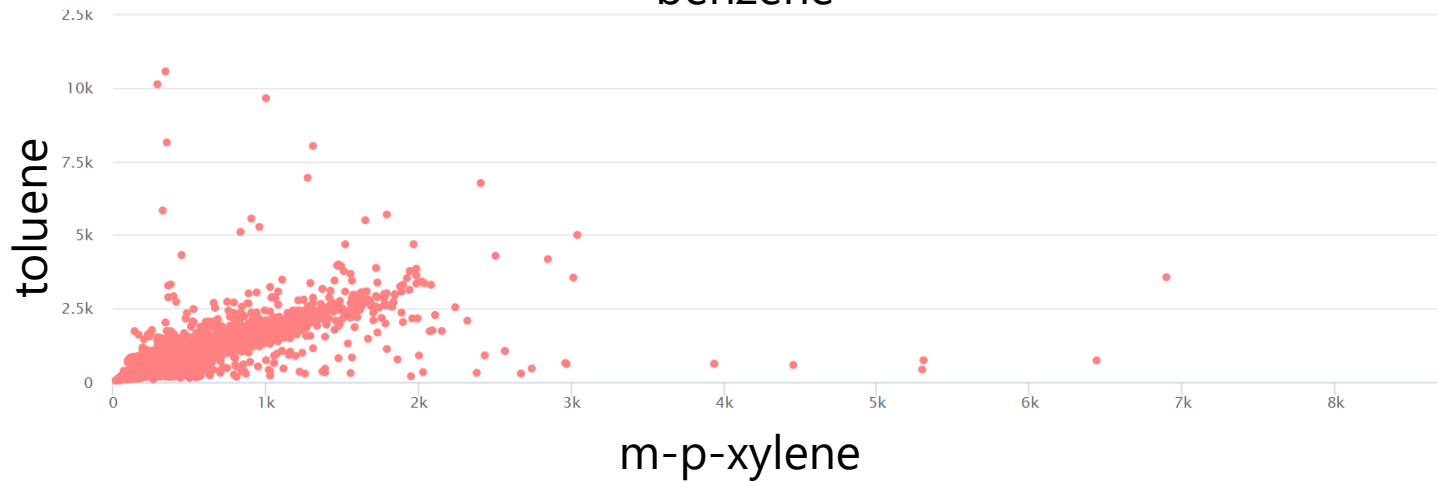
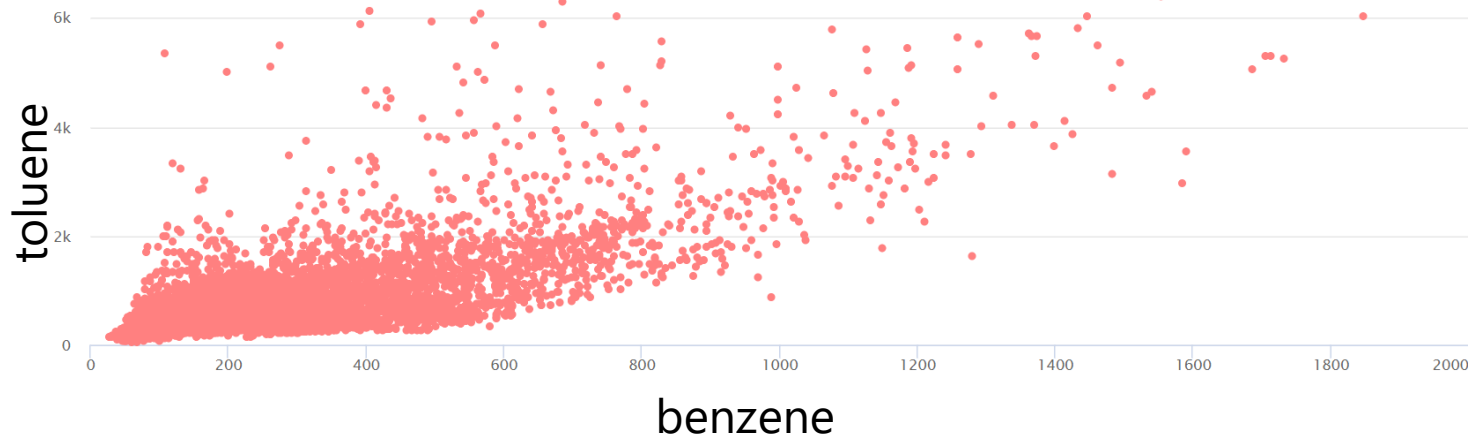
ethanol



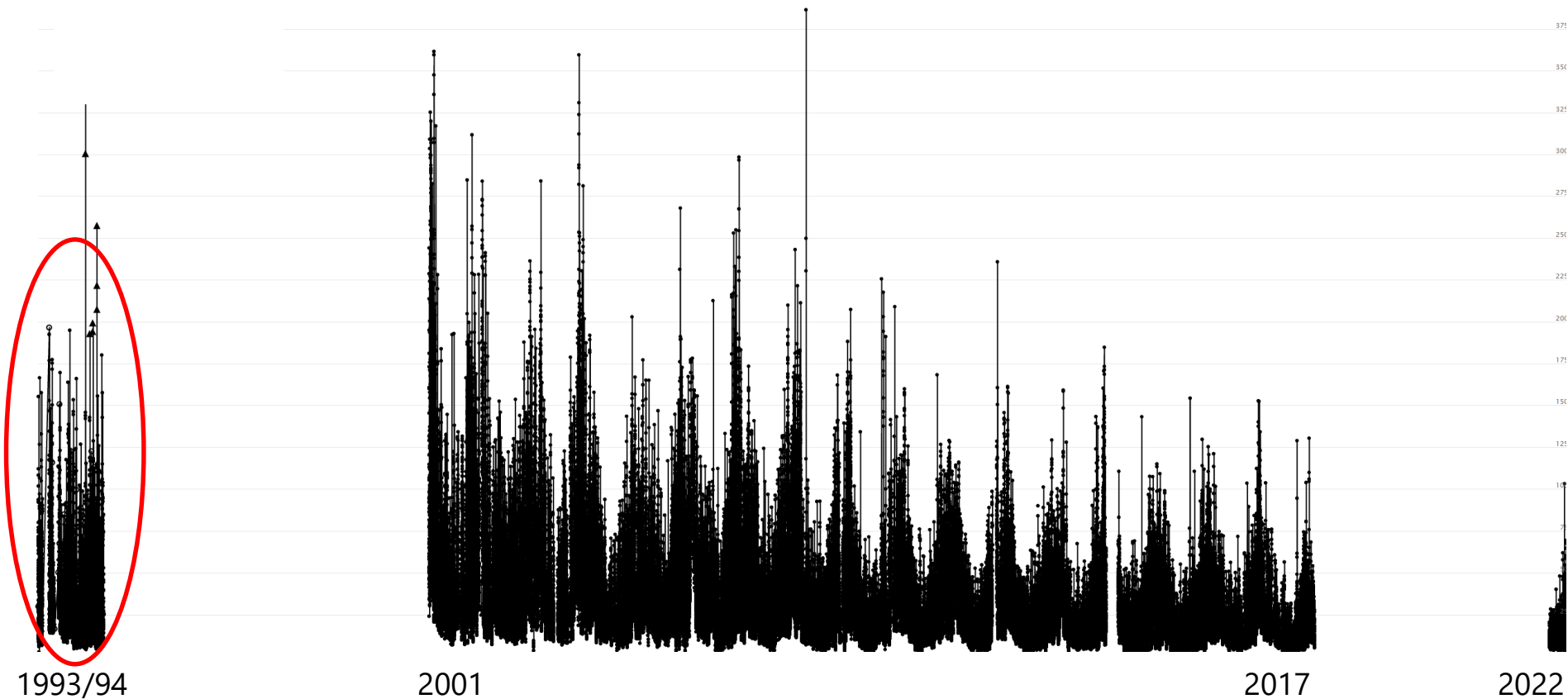
limonene



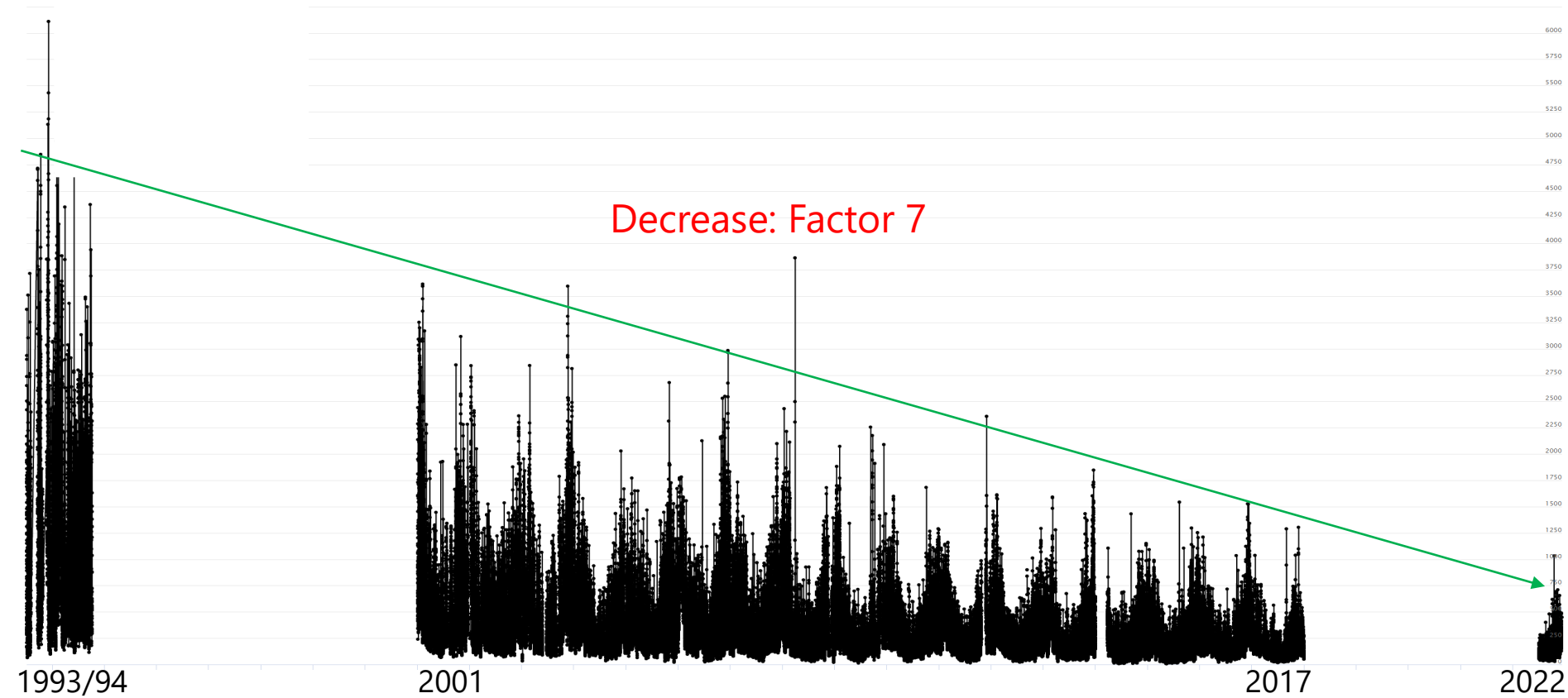
«Normal Scattering»



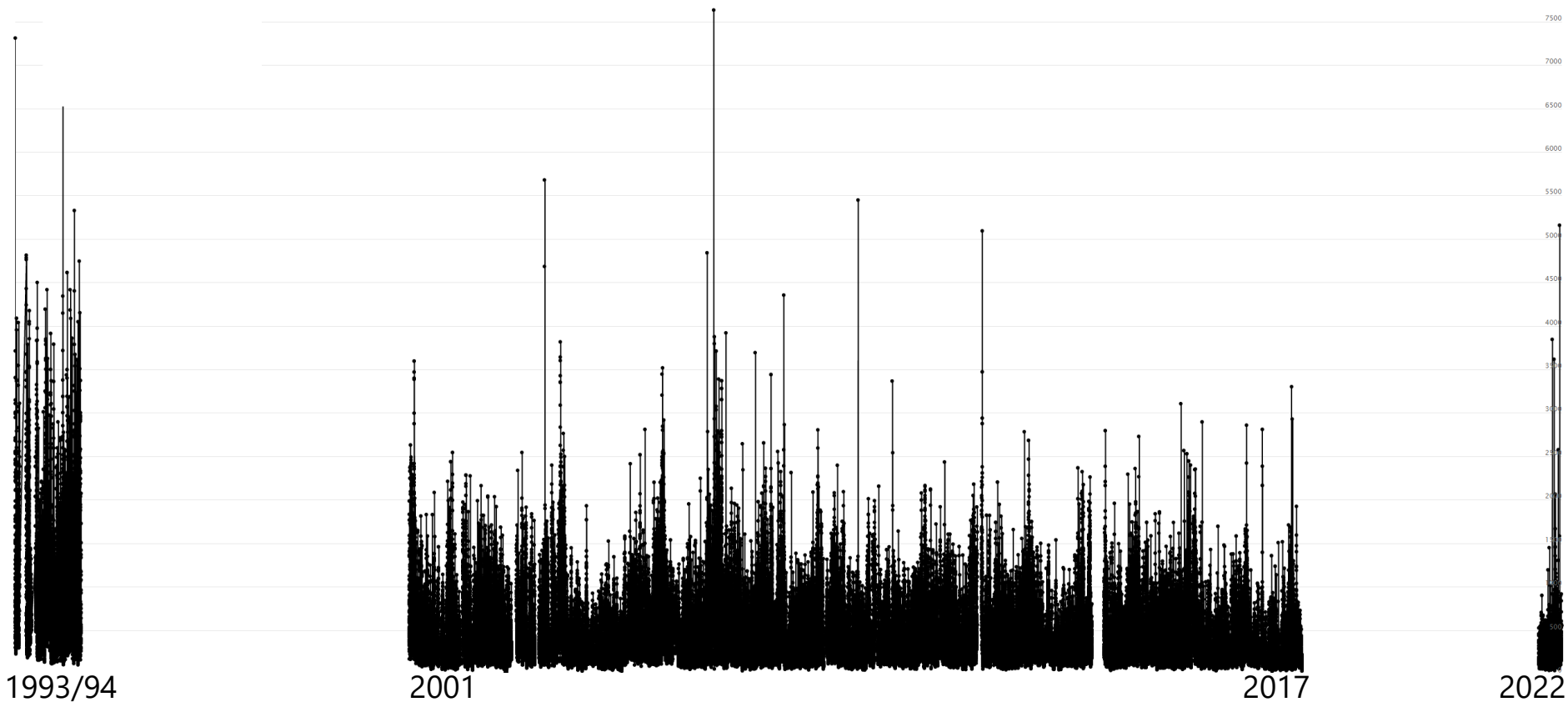
Benzene over 30 Years, **wrongly assigned peak**



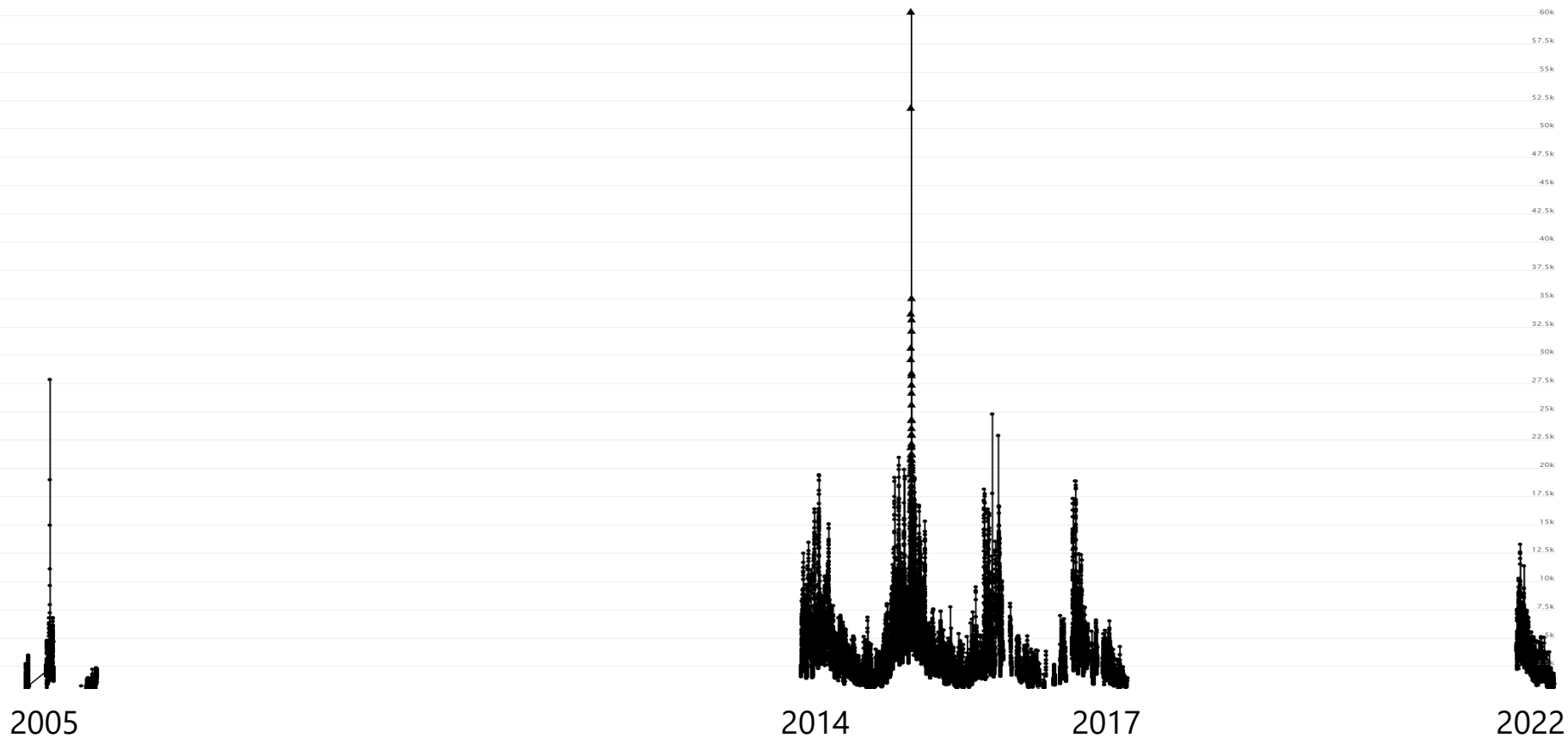
Benzene over 30 Years, correct peak



n-Pentane over 30 Years



Methanol over 18 Years



Outlook

- Data of 2016 and 2017 used for RI-URBAN



- 1993-2022 on ATMO-ACCESS Homeless Data Portal  **Homeless Data Portal**

- 1993-2022 used for ozone production calculations

