

Supplementary material

Analysis of alkyl-anthraquinone derivatives from hydrogen peroxide industrial process, using LC×LC-HRMS with shifting gradients

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Figure S1. LC×LC-HRMS analysis (setup #4) of the QC sample. Peaks that were monitored to assess the repeatability of both retention time and the peak area are numbered from 1-14.

Table S1. QToF parameters

Drying Gas Flow [L/min]	12
Sheath Gas Flow [L/min]	11
Nebulizer Pressure [psig]	60
Sheath Gas Temperature [°C]	350
Gas Temperature [°C]	150
Capillary Voltage [V]	5000
Fragmentor [V]	400
Oct 1 RF Vpp [V]	750
Nozzle Voltage (Expt) [V]	300
Cycle Time [seconds]	0.1
Detection mode	SCAN from 100 to 950 Da

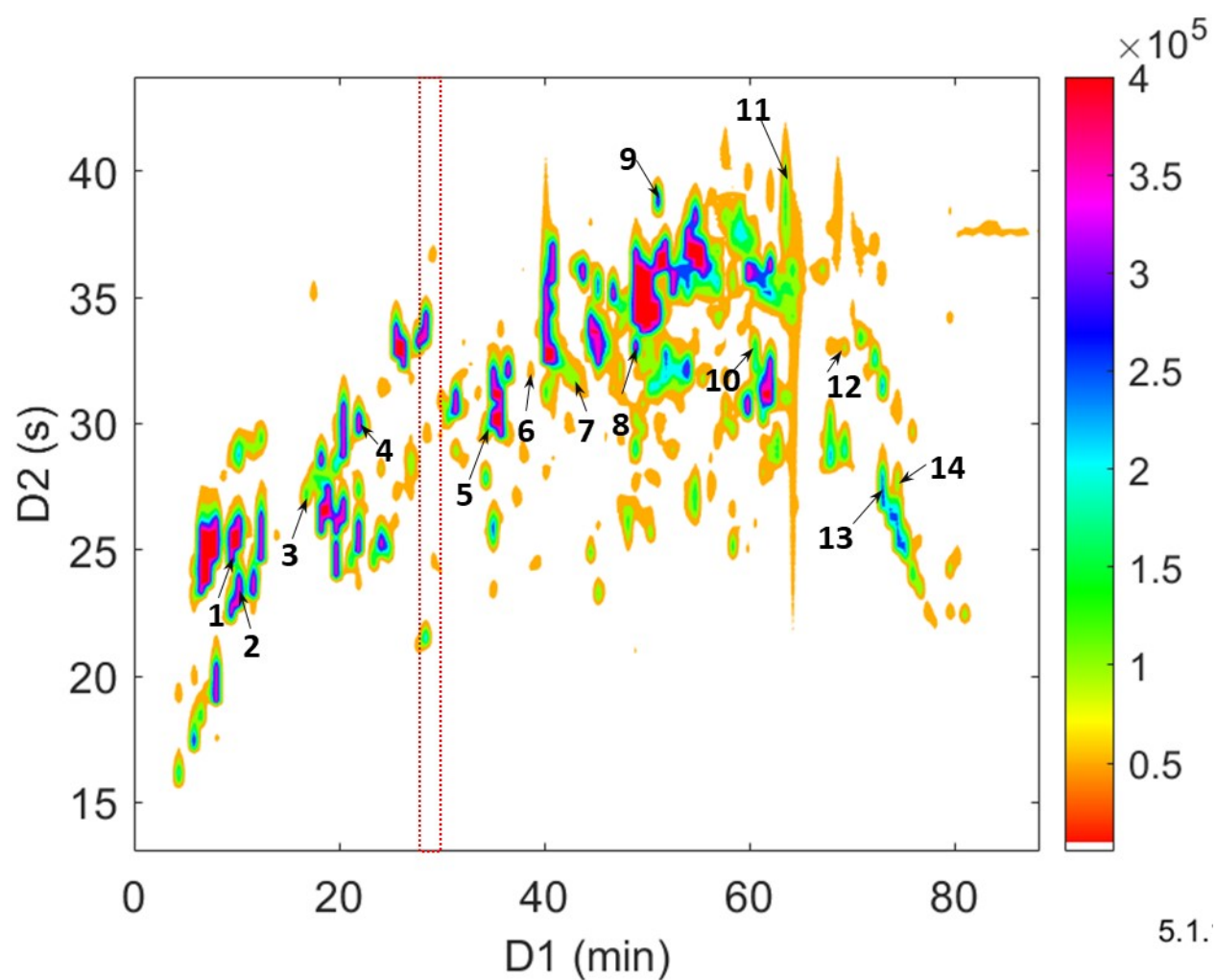


Figure S1. LCxLC-HRMS analysis (setup #4) of the QC sample. Peaks that were monitored to assess the repeatability of both retention time and the peak area are numbered from 1-14.