

## Material Outgassing

### VOCs in rubber toys

The Ni-/ and UV-IMS-Portable by G.A.S. are able to detect smallest VOCs contaminations. Some of these compounds are released by toys made of rubber or plastics. They can be absorbed by children via saliva or skin and affect children's health. Therefore it is imperatively to avoid them or reduce their outgassing to a minimum.



G.A.S.' Ni- and UV-IMS can as well be used for process and/or quality control of rubber toys manufacturing. At the same time it is an effective tool to validate the harmlessness and quality of toys. Concerning both applications the G.A.S.-System convinces through its flexibility, size, handling, speed of analysis and sensitivity.

### Easy distinction and sorting using characteristic signal patterns

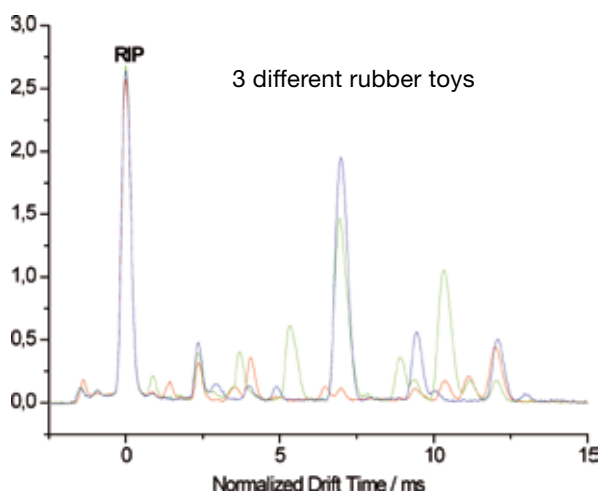


Fig. 1: VOCs in rubber toys (Ni-IMS)

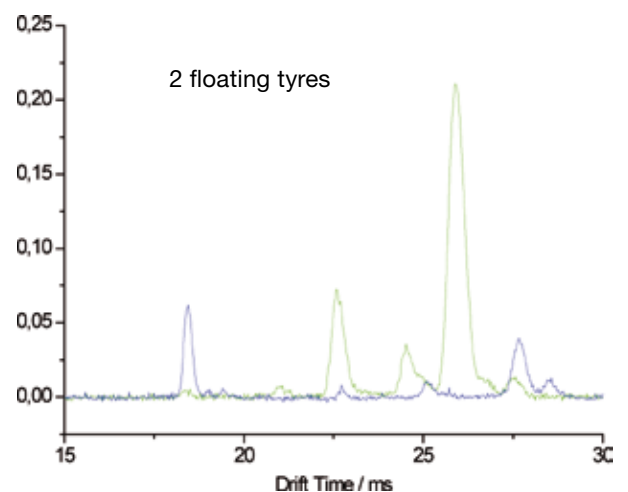


Fig. 2: VOCs in rubber toys (UV-IMS)