

## Supplementary Material 1 Example of a chromatogram report

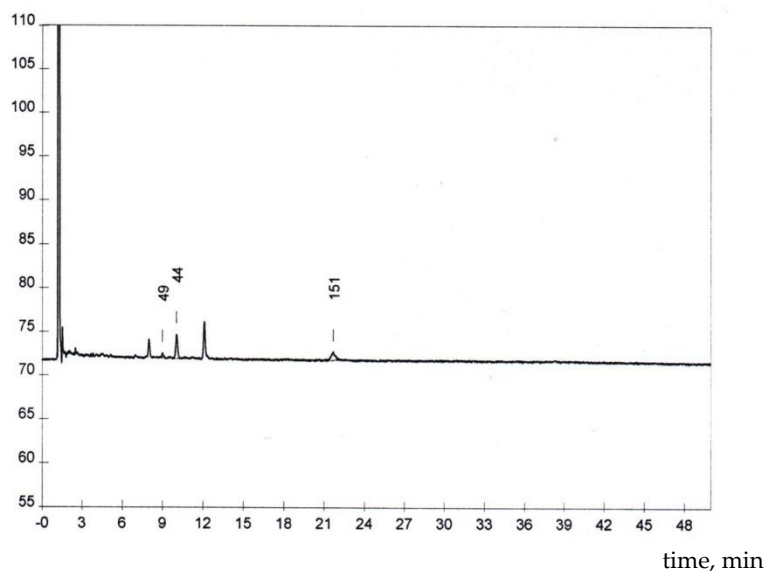
from 31.05.2018

PCM measurement

Duration 50 minutes

Illustrated chromatogram current

detector response, mV



### Sample

Snow sample number 19 (city of Talgar)

Measuring date: 05.05.2018

Chemist: Izat A. N.

### Method

PCB determination

### Measurement

Number:0 grain size: 0  $\mu\text{m}$

Inner diameter: 0.32 mm; length: 30 m

Temperature conditions Measurements = 195.0 (50.0) Volatility- 1 = 250.0 TID 1 = 330.0 Volatility- 2 = 240.0 EZD-2 = 300.0

Main Parameter 1. Nitrogen P = 0.500; 2. Nitrogen Q = 5.000; 3. Nitrogen P = 1.200; 4. Nitrogen Q = 20.000; 5. Nitrogen Q = 25.000; 6. Nitrogen Q = 30.000; 7. Hydrogen Q = 12.000; 8. Air Q = 150.000

### Components

Number	Time min	Hight mV	Area mV/min	Concentration	Unit	Component	Group
1	9.008	0.586	0.078	3.694e-006	mg/mL	49	PCB
2	10.052	2.828	0.472	2.858e-005	mg/mL	44	PCB
3	21.704	0.985	0.336	1.284e-005	mg/mL	151	PCB

### Groups

Number	Hight mV	Area mV/min	Concentration	Group
1	4.399	0.885	4.511e-005	PCB