

農薬の分析 (2)

Develosil C30-UGおよびODS-MGを用いた農薬の分析例を紹介します。

(1) アシュラム, ベンスリド, イプロジオン, チウラム

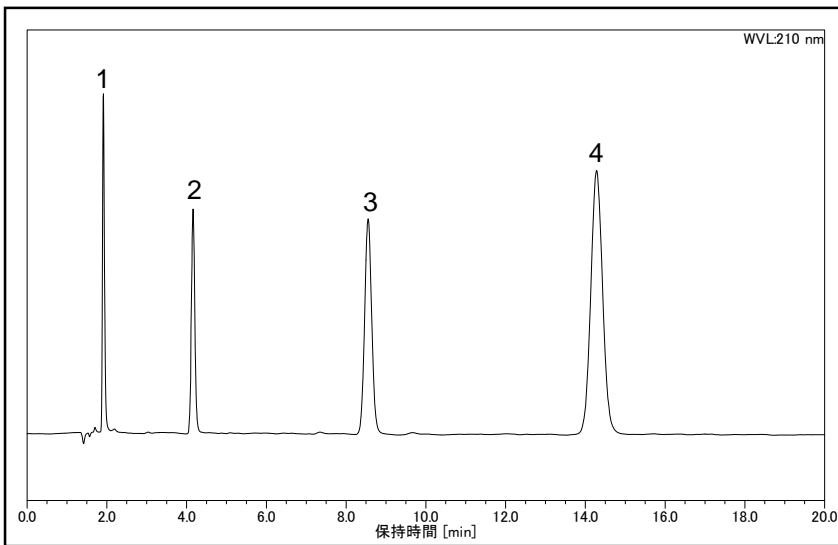


Fig.1 Analysis of Pesticides (4 Mix)

Conditions;

Column: Develosil C30-UG-5
(4.6x150mm)

Mobile phase:

Acetonitrile/0.1% Phosphoric acid=55/45

Flow rate: 1.0ml/min

Temperature: 30°C

Detection: UV210nm(PDA)

Sample: Asulam/Thiuram/Iprodione
/Bensulide

Concentration: 10ppm

Injection volume: 3.0uL

System: DIONEX/Ultimate 3000 Series

(2) ジメチルジチオカルバミン酸メチル

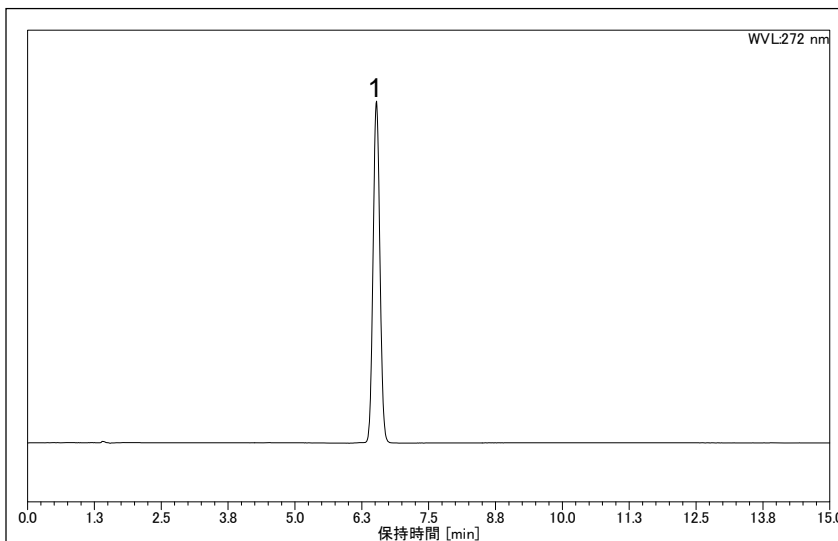


Fig.2 Analysis of Methyl Dimethyldithiocarbamate

Conditions;

Column: Develosil ODS-MG-5
(4.6x150mm)

Mobile phase: Acetonitrile/Water=47/53

Flow rate: 1.0ml/min

Temperature: 30°C

Detection: UV272nm(PDA)

Sample: Methyl Dimethyldithiocarbamate

Concentration: 1ppm

Injection volume: 20uL

System: DIONEX/Ultimate 3000 Series