(Annex 3)

The method for multi-residue analysis of pesticides in animal products by GC/MS (draft)

- 1. Extraction
- 1-1 For meat (muscle), meat (fat), and seafood





2. Cleanup and determination

2-1 For meat (muscle), meat (fat), seafood, milk, and egg



3. Example of GPC conditions

Column: CLNpak EV-G (20 mm i.d.×100 mm) + CLNpak EV-2000 (20 mm i.d.×300 mm) Mobile phase: 1:4 acetone:cyclohexane Flow rate: 5 mL/min Column temperature: 40 Injection volume: 5 mL Fractionation range: 60 ~ 165 mL

4. Example of GC/MS conditions
Column: DB-5ms (30 m × 0.25-mm i.d., 0.25- μ m film thickness)
Column oven temp.: 50 (1 min) 25 /min 125 (0 min) 10 /min 300 (6.5 min)
Injector temp.: 250
Carrier gas: helium
Carrier gas flow rate: 1 mL/min
Injection volume: 2 μ L (splitless)