

Pesticides (Carbamates) on Ultra Carbamate

| Compound | Ion | Cone V | Compound | Ion | Cone V |
|------------------------|--------|--------|----------------|-------|--------|
| 1. aldicarb sulfone | 223.3 | 25V | 6. aldicarb | 191.2 | 8V |
| 2. aldicarb sulfoxide | 207.3 | 18V | 7. propoxur | 210.2 | 18V |
| 3. oxamyl | 237.2* | 10V | 8. carbofuran | 222.3 | 22V |
| 4. methomyl | 163.2 | 15V | 9. carbaryl | 202.2 | 18V |
| 5. 3-hydroxycarbofuran | 238.3 | 15V | 10. methiocarb | 226.3 | 19V |

Sample:

Inj.: 10 μ L
 Conc.: 100 μ g/mL each component

Column:

Ultra Carbamate
 Cat. #: 9177315
 Dimensions: 100 x 4.6mm
 Particle size: 3 μ m
 Pore size: 100Å

Conditions:

Mobile phase:

A: 90% water: 10% methanol with 10mM ammonium formate
 B: 90% acetonitrile: 10% methanol with 10 mM ammonium formate

Time (min.) %B

| | |
|-----|-----|
| 0.0 | 10% |
| 15 | 90% |
| 20 | 90% |

Flow:

1.0mL/min. (approx. 0.75mL/min. to UV detector, 0.25mL/min. to MSD)

Temp.:

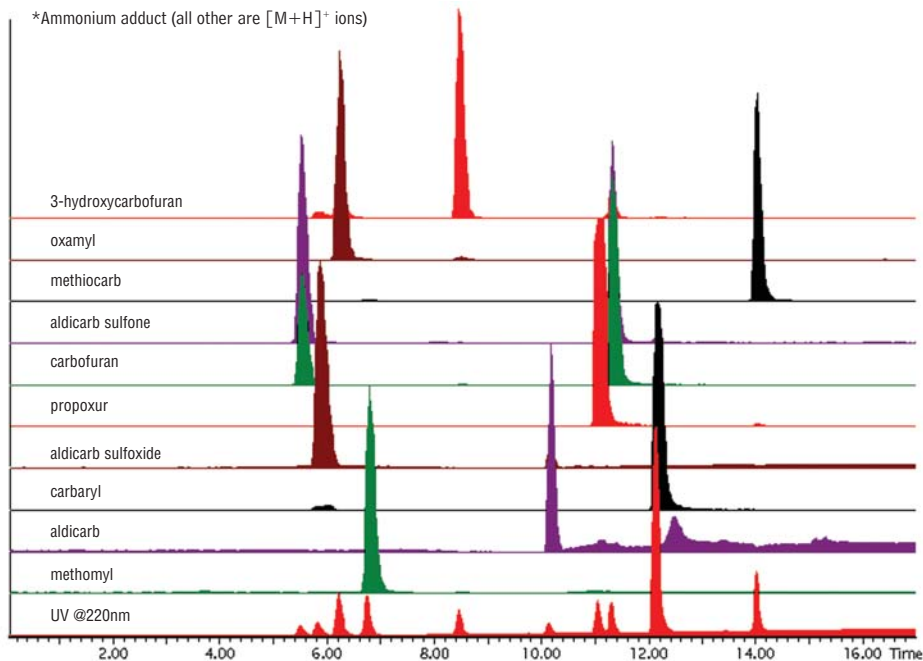
ambient

Det.:

UV @ 220nm; MSD

MSD Conditions:

Detector: Micromass ZMD
 Mode: ESI +
 Capillary V: 3.50
 Extractor: 4.0
 Ion energy: 0.4
 Multiplier: 650
 Source temp: 100°C
 Desolv. temp: 250°C
 Gas flow: 490 L/hr.



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