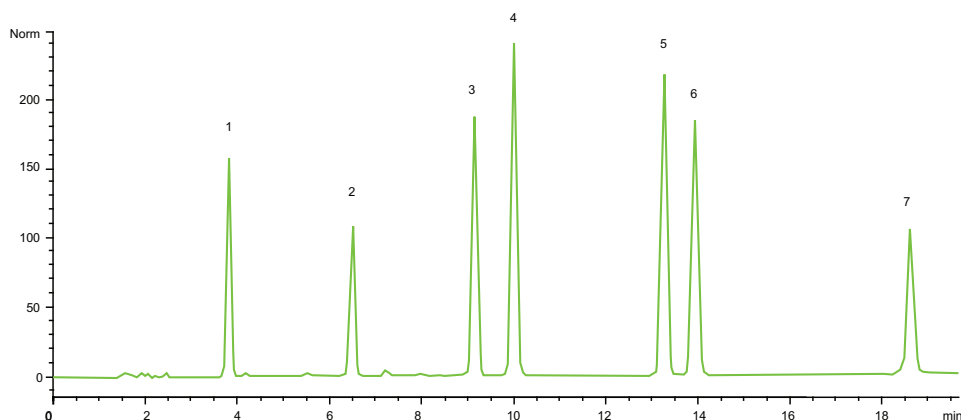


Carbamate and Urea Pesticides

On GraceSmart™ HPLC Column



1. Fenuron
2. Monuron
3. Fluometuron
4. Diuron
5. Methiocarb
6. Linuron
7. Neburon

Test condition (as USP assay)

Test sample:

- (1) 0.0375mg/ml Fenuron
- (2) 0.095mg/ml Monuron
- (3) 0.175mg/ml Fluometuron
- (4) 5.925mg/ml Diuron
- (5) 1.125mg/ml Methiocarb
- (6) 0.275mg/ml Linuron
- (7) 2.5mg/ml Neburon

Column: GraceSmart™ C18, 120Å, 5µm, 4.6 x 150mm (Part #: 5138810)

Mobile Phase: A: 0.025M KH₂PO₄, pH3.2
B: Acetonitrile

Flow: 1.0ml/min

Detection: UV at 240nm

Injection Volume: 10µl

Sample	Retention Time (min)	Height
1. Fenuron	3.805	158
2. Monuron	6.486	109
3. Fluometuron	9.142	186.8
4. Diuron	10.002	239.1
5. Methiocarb	13.256	217.9
6. Linuron	13.936	184.5
7. Neburon	18.611	106

Time (min)	0	20
%B	30	60

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