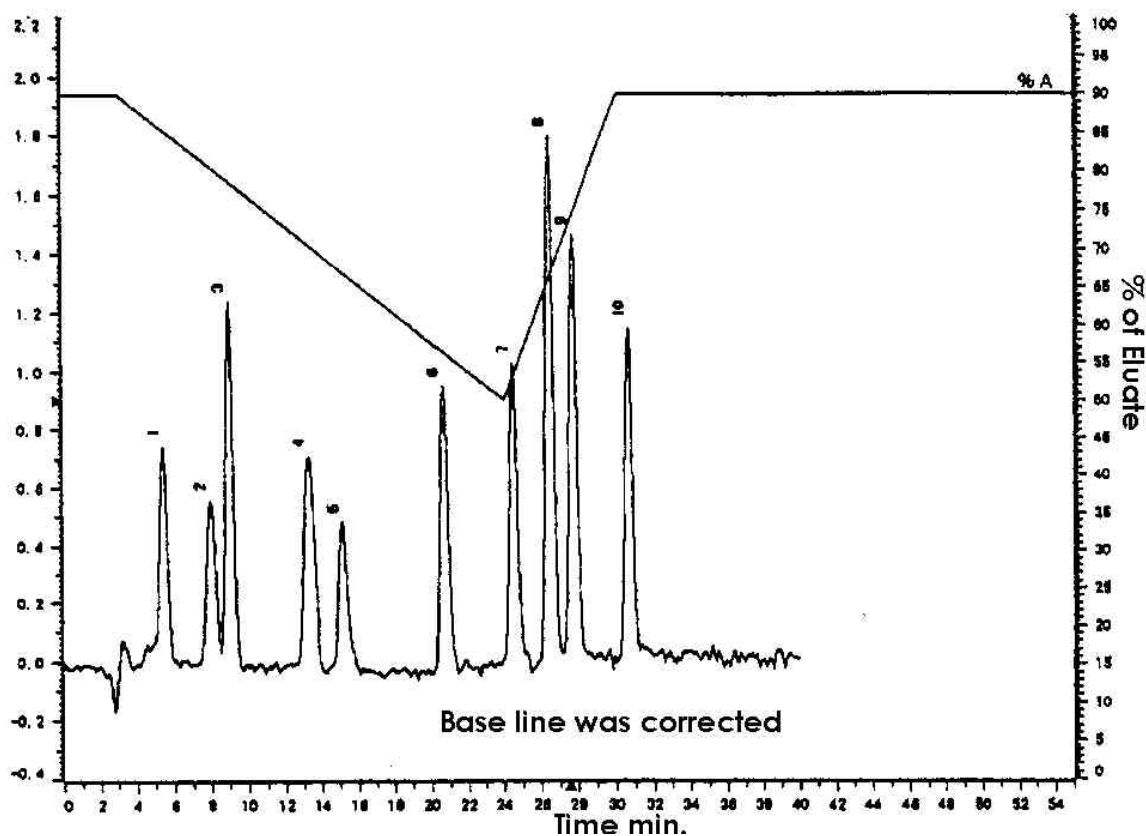


Separation of *N*-Methylcarbamate derivatives-1

Data# E-001



Column	Mightysil RP-18 GP 150-4.6mmØ 5µm	
Eluent	A: Water, B: Acetonitrile	
Flow Rate	1.0mL / min.	
Detection	Fluorescence 445nm (Excitation 339nm)	
Temperature	40°C	
Sample Vol.	10µL	
Samples	<ol style="list-style-type: none"> 1. Aldicarb sulfoxide 2. Oxamyl 3. Methomyl 4. Ethiofencarb sulfoxide 5. Ethiofencarb sulfone 6. Carbofuran-3-keto 7. Carbofuran 8. Ethiofencarb 9. Isoproc carb 10. Methiocarb 	
	<u>Condition of post labeling</u>	
	Reaction Coil	5m-0.5mmØ Teflon
	Hydrolyzed by	0.05M NaOH solution
	Reagents	Mixture of 10mg/L o-phthalaldehyde in 50mM of Na ₂ B ₄ O ₇ solution and 50µL/L of Mercaptoethanol
	Flow Rate	0.5mL/min.
	Reaction Temperature	80°C