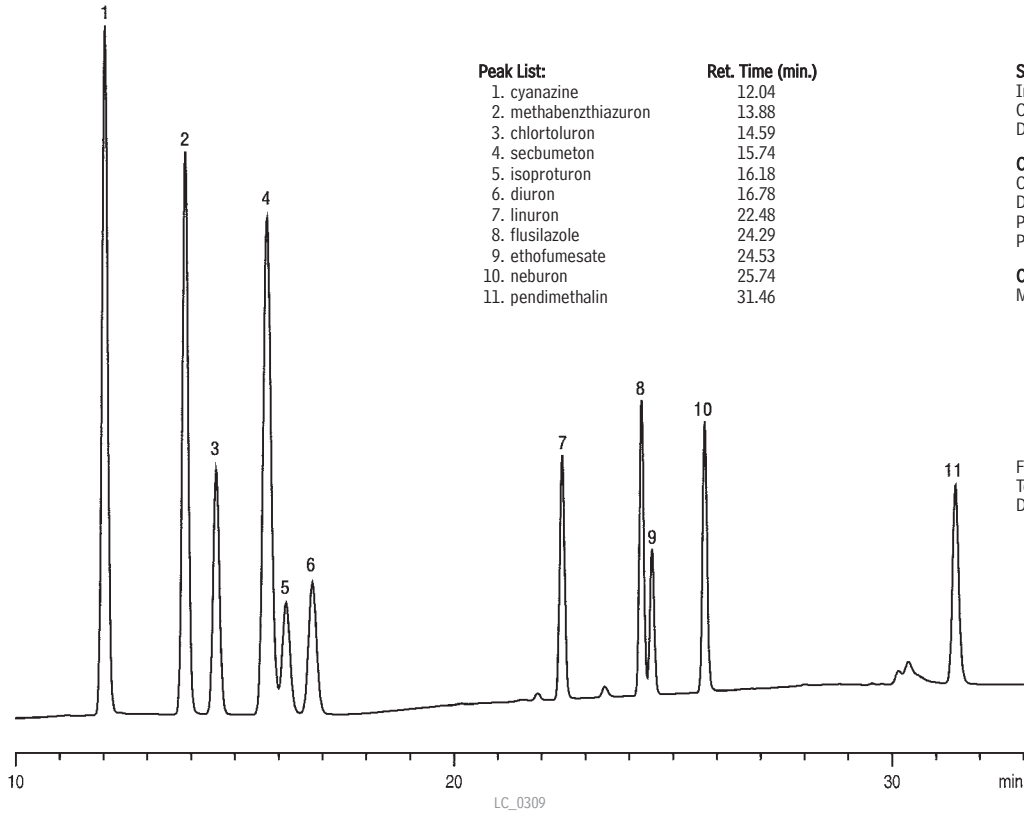


Herbicides on Allure® C18



Sample:
 Inj.: 5µL custom mix
 Conc.: approx. 20µg/mL each
 Diluent: acetonitrile

Column: Allure® C18
 Cat.#: 9164565
 Dimensions: 150mm x 4.6mm
 Particle size: 5µm
 Pore size: 60Å

Conditions:
 Mobile phase: A: water
 B: acetonitrile
Time (min.) %B

0	20
10	40
15	40
26	80
34	80
34.1	20

Flow: 1.2mL/min.
 Temp.: ambient
 Det.: UV @ 220nm

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.: 10µL
 Conc.: 100µg/mL each component

Column: Ultra Carbamate
 Cat.#: 9177315
 Dimensions: 100mm x 4.6mm
 Particle size: 3µm
 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.

