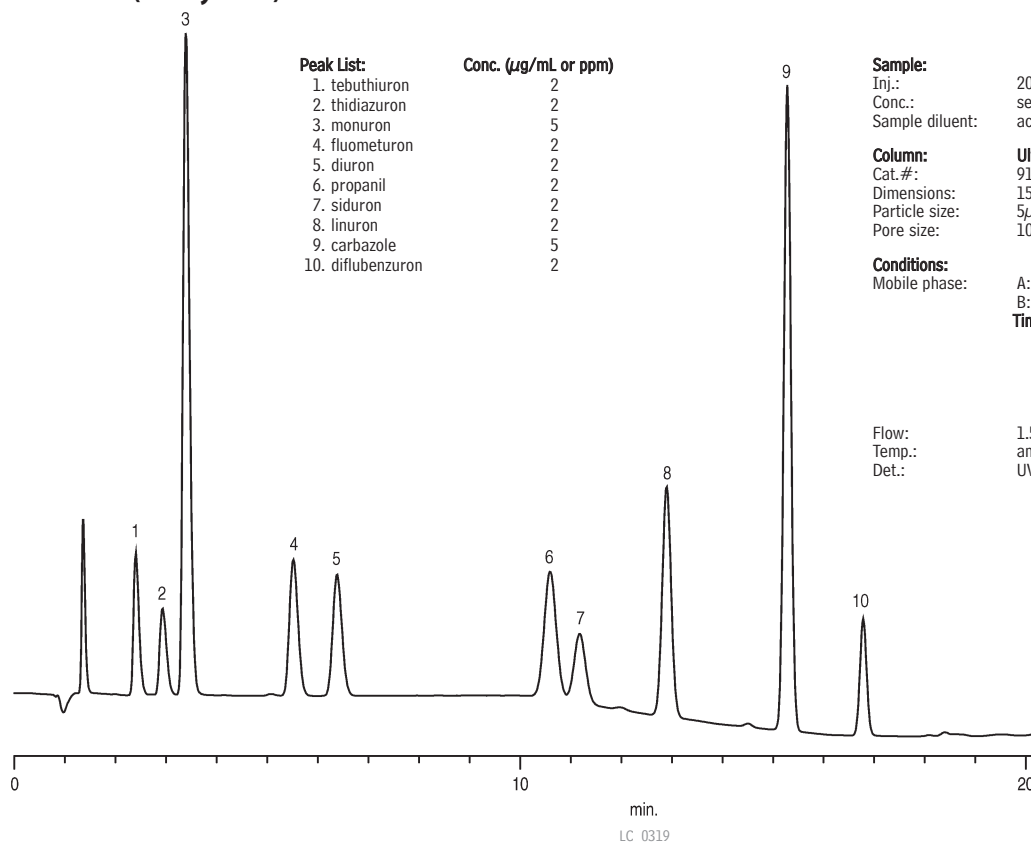




Herbicides (Phenylurea) on Ultra C18



Peak List:	Conc. ($\mu\text{g/mL}$ or ppm)
1. tebuthiuron	2
2. thidiazuron	2
3. monuron	5
4. fluometuron	2
5. diuron	2
6. propanil	2
7. siduron	2
8. linuron	2
9. carbazole	5
10. diflufenzuron	2

Sample:
Inj.: 20 μL
Conc.: see peak list
Sample diluent: acetonitrile

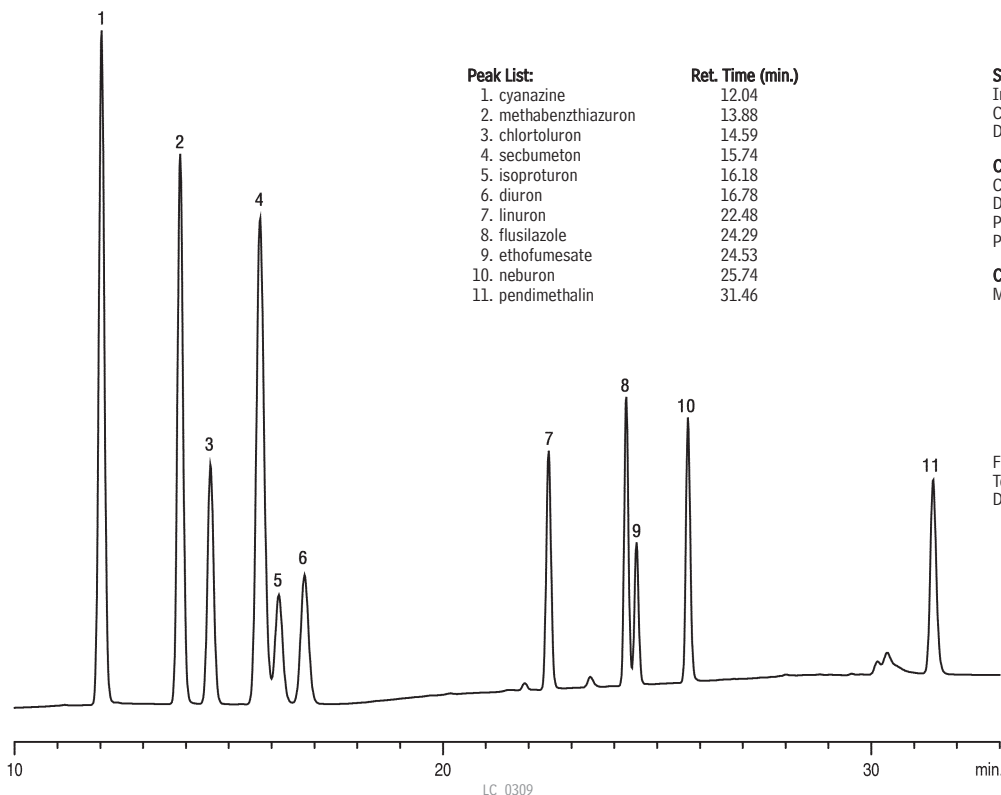
Column: **Ultra C18**
Cat.#: 9174565
Dimensions: 150mm x 4.6mm
Particle size: 5 μm
Pore size: 100Å

Conditions:
Mobile phase: A: 25mM phosphate buffer, pH 2.5
B: acetonitrile

Time (min.)	%B
0	40
8	40
14	55
18	55
19	40

Flow: 1.5mL/min.
Temp.: ambient
Det.: UV @ 245nm

Herbicides on Allure[®] C18



Peak List:	Ret. Time (min.)
1. cyanazine	12.04
2. methabenzthiazuron	13.88
3. chlortoluron	14.59
4. secbumeton	15.74
5. isoproturon	16.18
6. diuron	16.78
7. linuron	22.48
8. flusilazole	24.29
9. ethofumesate	24.53
10. neburon	25.74
11. pendimethalin	31.46

Sample:
Inj.: 5 μL custom mix
Conc.: approx. 20 $\mu\text{g/mL}$ each
Diluent: acetonitrile

Column: **Allure[®] C18**
Cat.#: 9164565
Dimensions: 150mm x 4.6mm
Particle size: 5 μm
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