

Pesticides on Allure® C18

Peak List:

1. desisopropyl atrazine
2. desethyl atrazine
3. simazine
4. terbutylazine desethyl
5. cyanazine
6. methabenzthiazuron
7. chlortoluron
8. atrazine
9. secbumeton
10. isoproturon
11. diuron
12. terbumeton
13. terbutylazine
14. linuron
15. flusilazole
16. ethofumesate
17. neburon

Sample:

Inj.: 5µL  
 Conc.: approx. 10ppm each pesticide  
 Solvent: acetonitrile

Column:

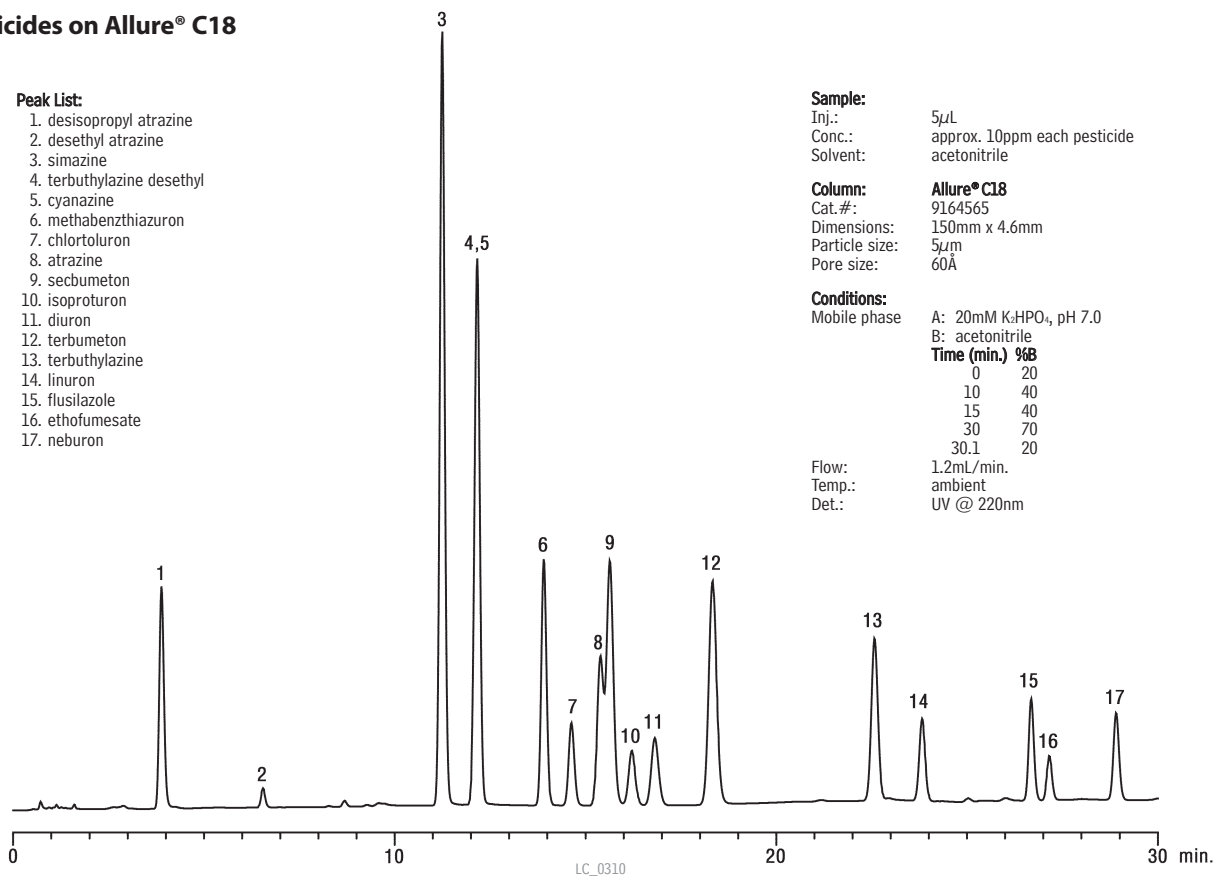
**Allure® C18**  
 Cat.#: 9164565  
 Dimensions: 150mm x 4.6mm  
 Particle size: 5µm  
 Pore size: 60Å

Conditions:

Mobile phase A: 20mM K<sub>2</sub>HPO<sub>4</sub>, pH 7.0  
 B: acetonitrile

Time (min.)	%B
0	20
10	40
15	40
30	70
30.1	20

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



Diflufenzuron (Pesticide) on Ultra IBD

Peak List:

1. diflufenzuron
2. N,N'-bis-(chlorobenzyl)urea

Sample:

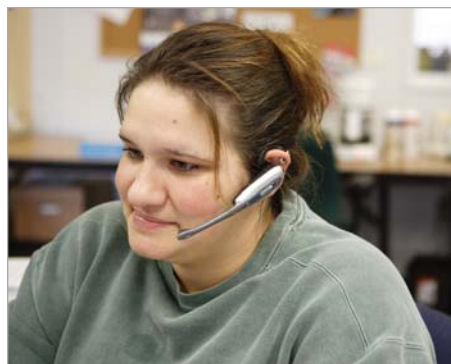
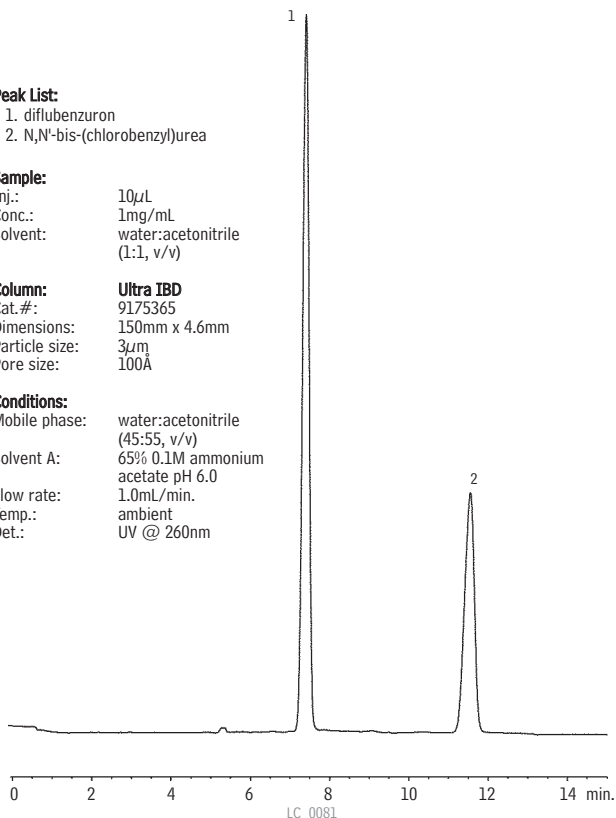
Inj.: 10µL  
 Conc.: 1mg/mL  
 Solvent: water:acetonitrile (1:1, v/v)

Column:

**Ultra IBD**  
 Cat.#: 9175365  
 Dimensions: 150mm x 4.6mm  
 Particle size: 3µm  
 Pore size: 100Å

Conditions:

Mobile phase: water:acetonitrile (45:55, v/v)  
 Solvent A: 65% 0.1M ammonium acetate pH 6.0  
 Flow rate: 1.0mL/min.  
 Temp.: ambient  
 Det.: UV @ 260nm



Jamie Hubler, Customer Service

Restek Customer Service

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Online: [www.restek.com](http://www.restek.com)—24-hours a day

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Contact your Restek representative:  
 Refer to our list on pages 4-5 or visit our website at [www.restek.com](http://www.restek.com)