

## Minnesota Department of Agriculture List 1 Pesticides

## Minnesota Ag List 1 Pesticides Mix A (16 components)

acetochlor	metolachlor
alachlor	metribuzin
atrazine	pendimethalin
cyanazine	prometon
desethylatrazine	propachlor
desisopropylatrazine	propazine
dimethenamid*	simazine
ethalfuralin	trifluralin

200ppm each in acetone, 1mL/ampul

cat. # 32406 (ea.)

## Minnesota Ag List 1 Pesticides Mix B (6 components)

chlorpyrifos	phorate
EPTC	terbufos
fonofos	triallate

200ppm each in acetone, 1mL/ampul

cat. # 32407 (ea.)

## Minnesota Ag List 1 Pesticide Kit

Contains 1mL each of these mixtures.

32406: Minnesota Ag List Pesticides Mix A

32407: Minnesota Ag List Pesticides Mix B

cat. # 32408 (kit)



Quantity discounts not available.

\*Added to Minnesota Department of Agriculture List 1 pesticide (neutrals) incident investigation requirements, effective January 1, 2000.<sup>1</sup> CAS # 87674-68-8 manufactured by several companies under various trade names.

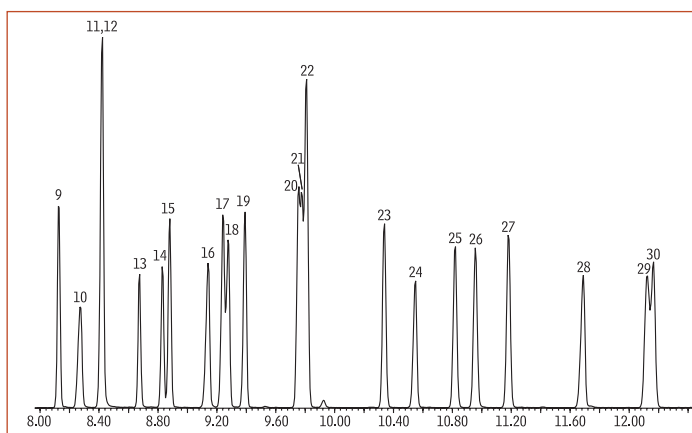
<sup>1</sup>Analytical Lists for Pesticide Incident Investigations, Minnesota Department of Agriculture, Guidance Document 26 (3/99), St. Paul, MN. For a copy, visit their web site at: [www.mda.state.mn.us](http://www.mda.state.mn.us)

also available

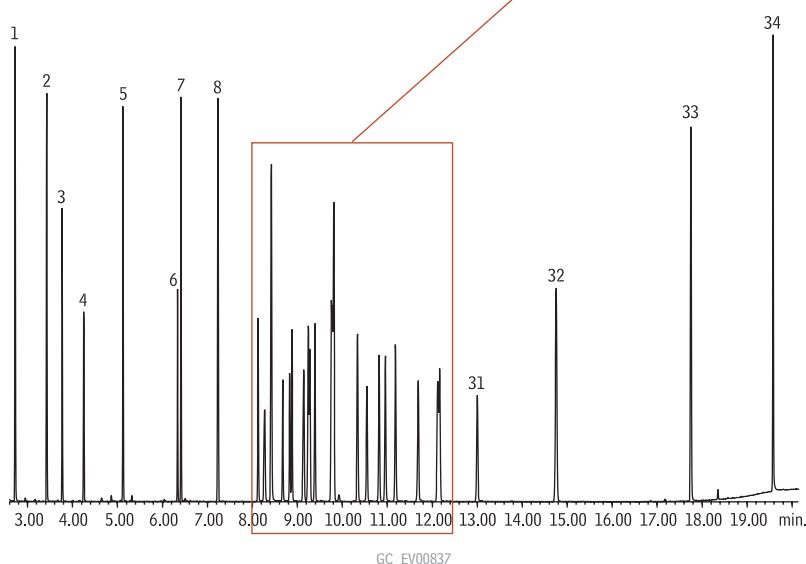
See page 41 for our Rxi®-1ms capillary columns.

## Minnesota Dept. of Agriculture List 1 Pesticides on an Rxi®-1ms column.

- |                                |                                  |
|--------------------------------|----------------------------------|
| 1. 2-fluorophenol (SS)         | 19. propazine                    |
| 2. phenol-d6 (SS)              | 20. terbufos                     |
| 3. 1,4-dichlorobenzene-d4 (IS) | 21. fonofos                      |
| 4. nitrobenzene-d5 (SS)        | 22. phenanthrene-d10 (IS)        |
| 5. naphthalene-d8 (IS)         | 23. triallate                    |
| 6. EPTC                        | 24. metribuzin                   |
| 7. 2-fluorobiphenyl (SS)       | 25. dimethenamid                 |
| 8. acenaphthene-d10 (IS)       | 26. acetochlor                   |
| 9. propachlor                  | 27. alachlor                     |
| 10. desisopropyl atrazine      | 28. cyanazine                    |
| 11. desethyl atrazine          | 29. metolachlor                  |
| 12. 2,4,6-tribromophenol (SS)  | 30. chlorpyrifos                 |
| 13. ethalfuralin               | 31. pendimethalin                |
| 14. trifluralin                | 32. <i>p</i> -terphenyl-d14 (SS) |
| 15. phorate                    | 33. chrysene-d12 (IS)            |
| 16. simazine                   | 34. perylene-d12 (IS)            |
| 17. prometon                   |                                  |
| 18. atrazine                   |                                  |



Column: Rxi®-1ms, 30m, 0.25mm ID, 0.25 $\mu$ m (cat.# 13323)  
 Sample: Minnesota Ag List 1 Pesticides Mix A (cat.# 32406),  
 Minnesota Ag List 1 Pesticides Mix B (cat.# 32407),  
 SV Internal Standard Mix (cat.# 31206),  
 B/N Surrogate Mix (4/89 SOW) (cat.# 31024),  
 Acid Surrogate Mix (4/89 SOW) (cat.# 31025)  
 Inj.: 1.0 $\mu$ L, 10 $\mu$ g/mL each analyte (internal standards 25 $\mu$ g/mL), split (10:1)  
 4mm Drilled Uniliner® inlet liner (hole near bottom) (cat.# 20771)  
 Instrument: Agilent 6890  
 Inj. temp.: 250°C  
 Carrier gas: helium, constant flow  
 Flow rate: 1.2mL/min.  
 Oven temp.: 70°C (hold 1 min.) to 180°C @ 20°C/min.,  
 to 230°C @ 5°C/min., to 325°C @ 40°C/min. (hold 3.5 min.)  
 Det.: Agilent 5973 MSD  
 Transfer line temp.: 280°C  
 Scan range: 35-550amu  
 Solvent delay: 2.50 min.  
 Tune: DFTPP  
 Ionization: EI



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