

Technical Notification 0002

Fluralaner

ID No.: 0002

Analytes: Fluralaner Mix

Material: ReproSil 120 XR C18, 5 µm, 10% endc.

Column Dimension: 250 mm x 4.6 mm

Part No. (P/N): rx15.9e.s2546

Elution Type: Isocratic

Time [min]	%A
0 – 20	100

Eluent A: ACN/H₂O 65:35 + 0.1% Formic Acid

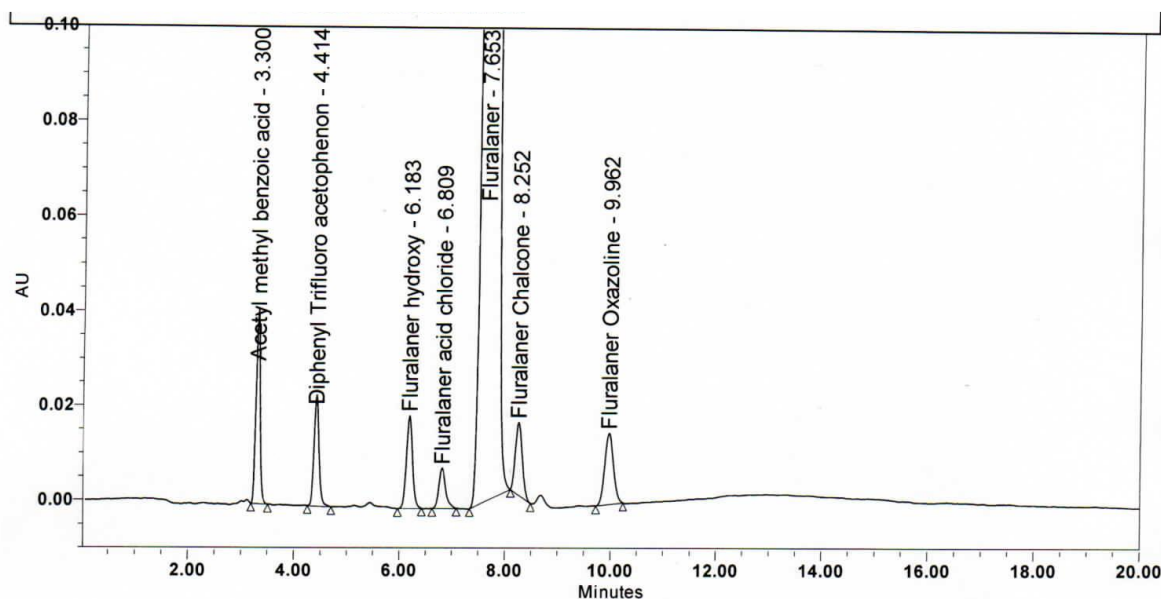
Flow Rate: 1.0 ml/min

Temperature: Ambient

Injection: 20 µl

Standards stock preparation		
Fluralaner WS	100 mg-----> Diluent	100
Acetyl methyl benzoic acid-	10 mg-----> Acetonitrile	100
Diphenyl trifluoro acetate	10 mg-----> Acetonitrile	100
Fluralaner Hydroxy	10 mg-----> Diluent	100
Fluralaner acid chloride	10 mg-----> Diluent	100
Fluralaner Chalcone	10 mg-----> Diluent	100
Fluralaner Oxazoline	10 mg-----> Diluent	100
Reference solution preparation		
1 ml each above solution and makeup to 10 ml with diluent		

Detection: UV-Detection @265 nm



- Analytes:**
1. Acetyl methyl benzoic acid
 2. Diphenyl trifluoro acetophenone
 3. Fluralaner hydroxy
 4. Fluralaner acid chloride
 5. Fluralaner
 6. Fluralaner Chalcone
 7. Fluralaner Oxazoline

Data courtesy of Srinivas Churya, India.

Dr. Maisch products are available globally. For more information contact your Dr. Maisch representative at info@dr-maisch.com.