

Conditions

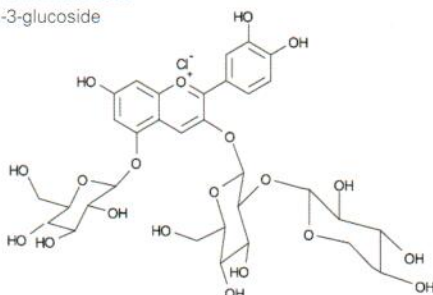
Column: ACE UltraCore 5 SuperC18
Dimensions: 150 x 4.6 mm
Part Number: CORE-5A-1546U
Mobile Phase: A: 5% formic acid in H₂O
 B: MeOH
Gradient:

Time (mins)	%B
0	5
35	10
55	65
65	65

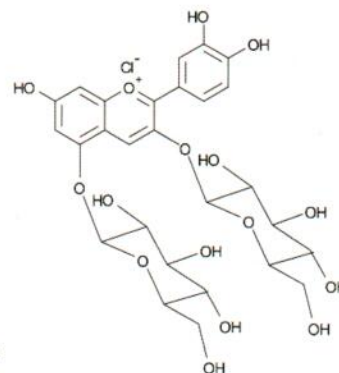
Flow Rate: 1 mL/min
Temperature: 40 °C
Detection: UV-Vis, 525 nm

Analytes

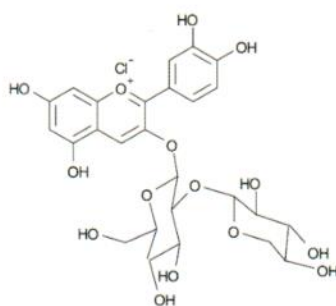
1. Cyanidin-3-sambubioside-5-glucoside
2. Cyanidin-3,5-diglucoside
3. Cyanidin-3-sambubioside
4. Cyanidin-3-glucoside



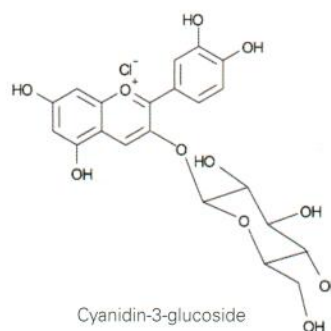
Cyanidin-3-sambubioside-5-glucoside



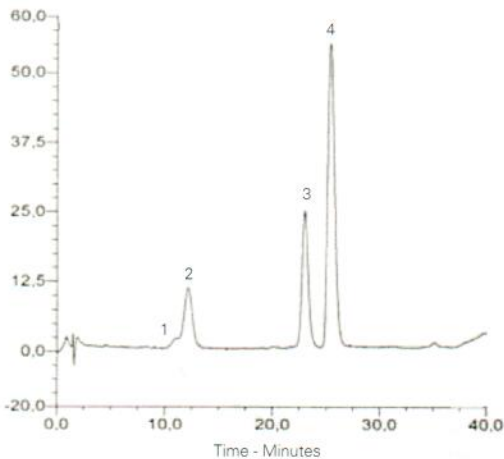
Cyanidin-3,5-diglucoside



Cyanidin-3-sambubioside



Cyanidin-3-glucoside



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Antihistamines

Conditions

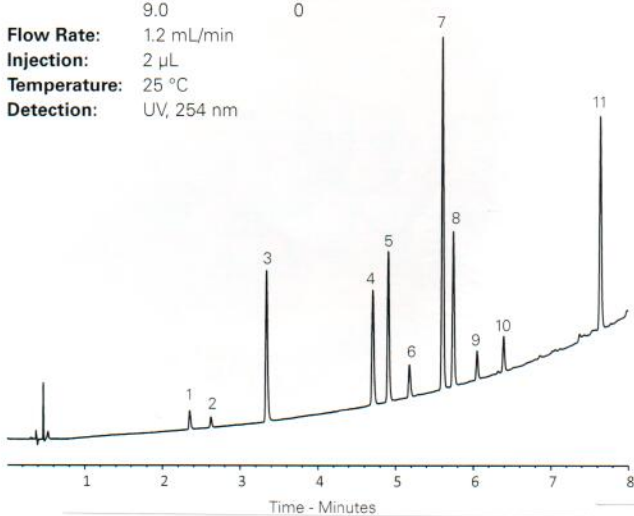
Column: ACE UltraCore 2.5 SuperC18
Dimensions: 100 x 3.0 mm
Part Number: CORE-25A-1003U
Mobile Phase: A: 20 mM ammonium formate pH 3.0 in H₂O
 B: 20 mM ammonium formate pH 3.0 in MeOH/H₂O (9:1 v/v)
Gradient:

Time (mins)	%B
0.0	0
7.5	100
8.5	100
9.0	0

Flow Rate: 1.2 mL/min
Injection: 2 µL
Temperature: 25 °C
Detection: UV, 254 nm

Analytes

1. Pseudoephedrine
2. Scopolamine
3. Doxylamine
4. Chlorpheniramine
5. Triprolidine
6. Diphenhydramine
7. Acrivastine
8. Promethazine
9. Fexofenadine
10. Cetirizine
11. Loratadine



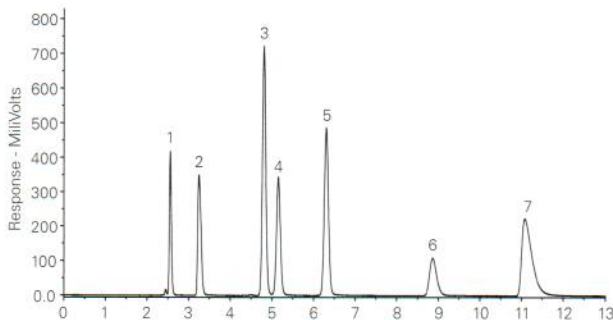
Antihistamines and Expectorants

Conditions

Column: ACE 5 C18
Dimensions: 250 x 4.6 mm
Part Number: ACE-121-2546
Mobile Phase: MeOH/50 mM KH₂PO₄ (pH 3.0) (50:50 v/v)
Flow Rate: 1.0 mL/min
Temperature: 22 °C
Detection: UV, 220 nm

Analytes

1. Maleic acid
2. Norephedrine
3. Salicylamide
4. Guaifenesin
5. Guaiacol
6. Chlorpheniramine maleate
7. Dextromethorphan



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