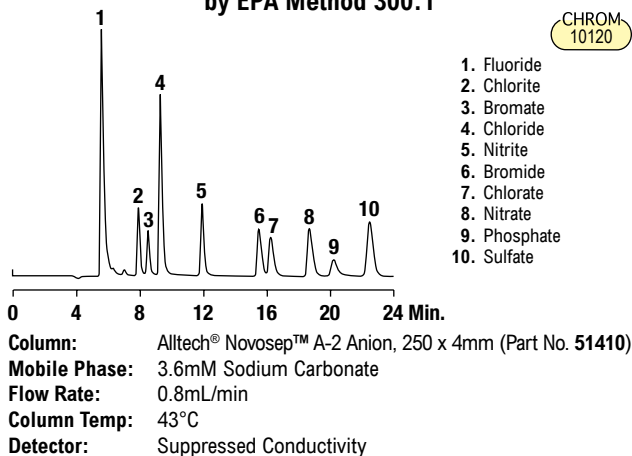
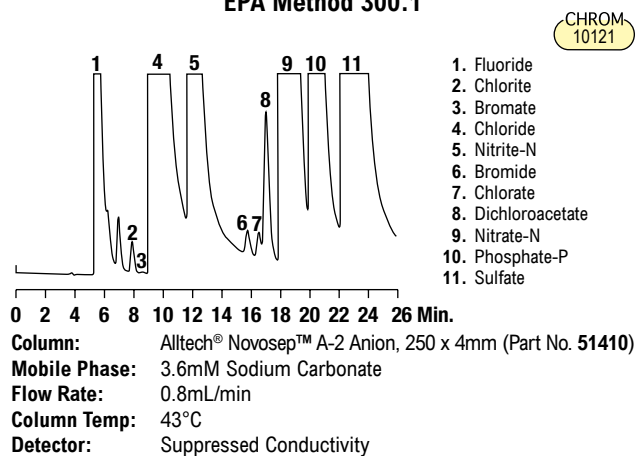


Anions

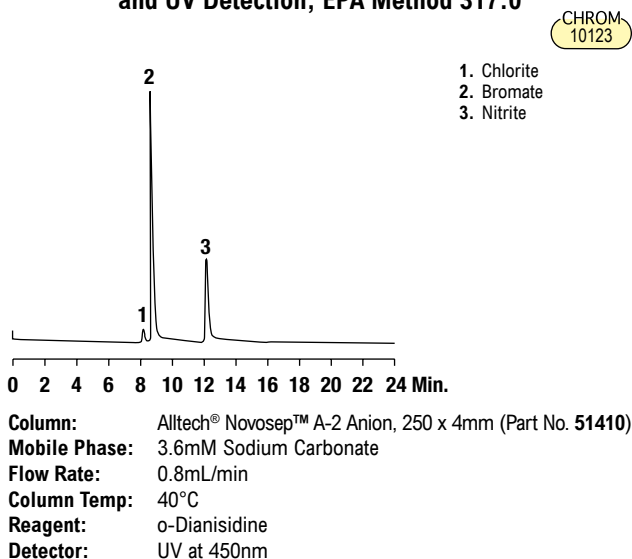
Anions in Reagent Grade Water by EPA Method 300.1



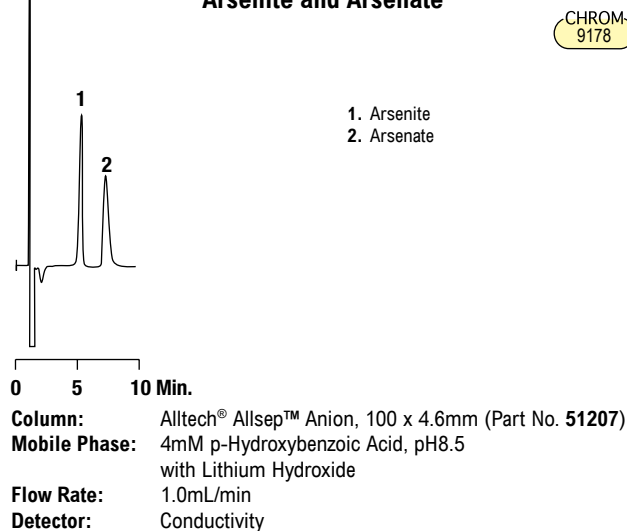
Anions in High Ionic Strength Water by EPA Method 300.1



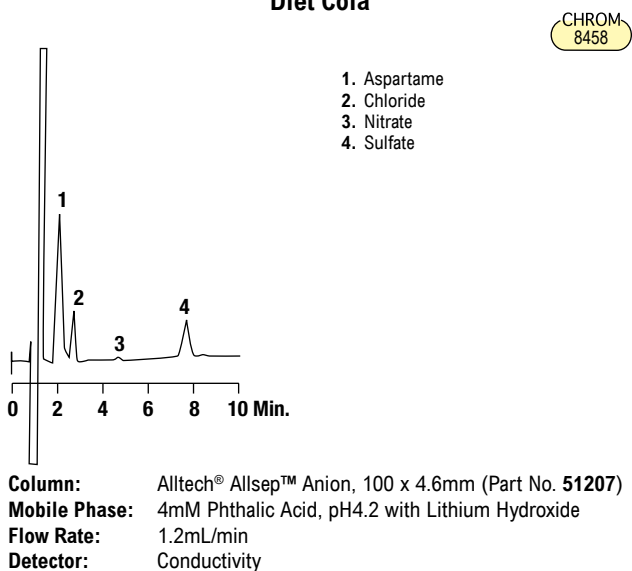
Trace Bromate with Post Column Derivatization and UV Detection, EPA Method 317.0



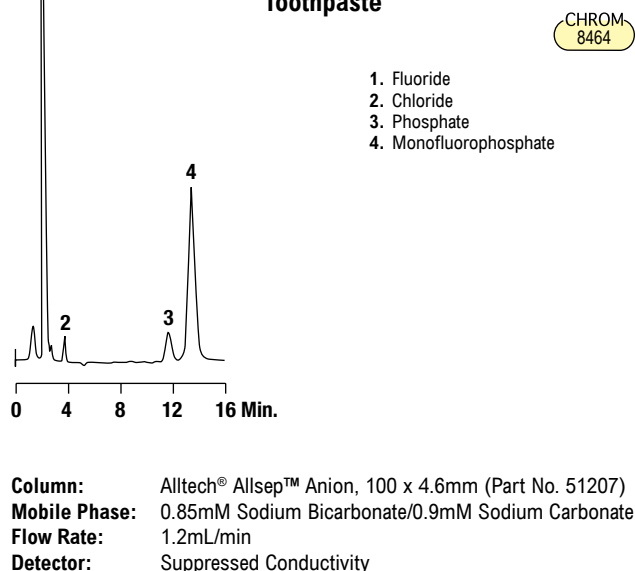
Arsenite and Arsenate



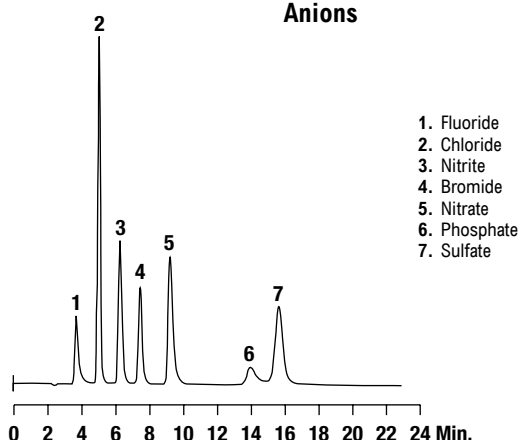
Diet Cola



Toothpaste

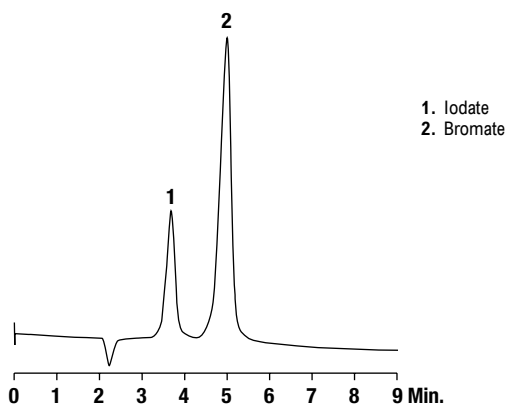


Anions



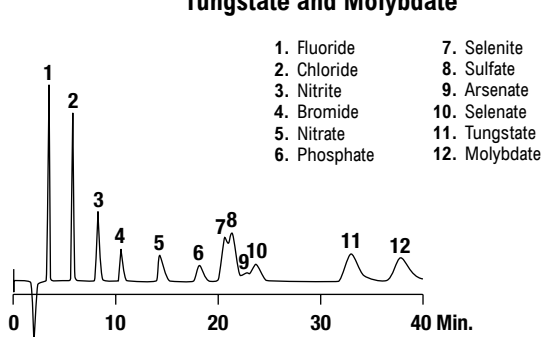
Column: Alltech® Allsep™ Anion, 100 x 4.6mm (Part No. 51207)
Mobile Phase: 0.85mM Sodium Bicarbonate/0.9mM Sodium Carbonate
Flow Rate: 1.2mL/min
Detector: Suppressed Conductivity

Bakery Additives



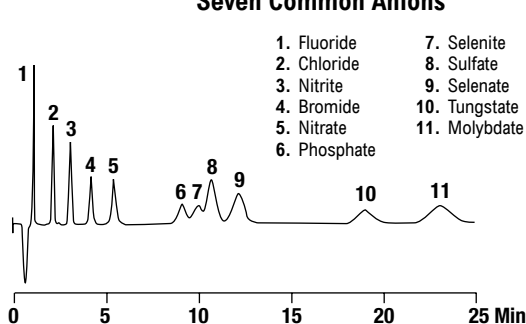
Column: Alltech® Allsep™ Anion, 100 x 4.6mm (Part No. 51207)
Mobile Phase: 0.85mM NaHCO₃/ 0.9mM NaHCO₃
Flow Rate: 1.0mL/min
Detector: Suppressed Conductivity

Selenite, Selenate, Arsenate, Tungstate and Molybdate



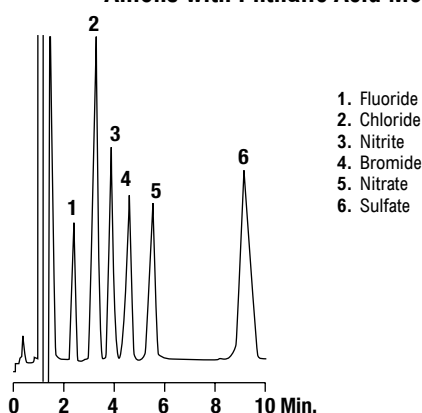
Column: Alltech® Allsep™ Anion, 150 x 4.6mm (Part No. 51209)
Mobile Phase: 0.85mM Sodium Bicarbonate/0.9mM Sodium Carbonate
Flow Rate: 1.2mL/min
Detector: Suppressed Conductivity

Selenite, Selenate, Tungstate, Molybdate and Seven Common Anions



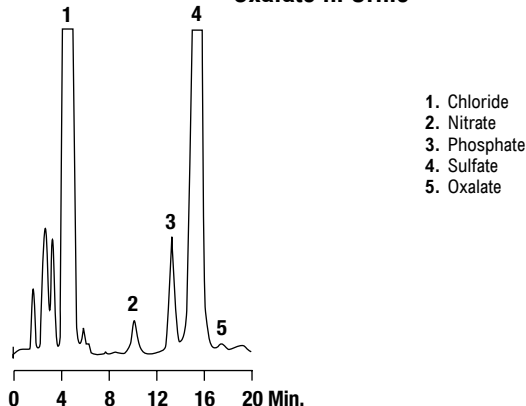
Column: Alltech® Allsep™ A-2, 50 x 4.6mm (Part No. 51221)
Mobile Phase: 2.1mM Sodium Bicarbonate/1.6mM Sodium Carbonate
Flow Rate: 2.0mL/min
Detector: Suppressed Conductivity

Anions with Phthalic Acid Mobile Phase



Column: Alltech® Allsep™ Anion, 100 x 4.6mm (Part No. 51207)
Mobile Phase: 4mM Phthalic Acid, pH4.2 with Lithium Hydroxide
Flow Rate: 1.0mL/min
Column Temp: 35°C
Detector: Conductivity

Oxalate in Urine



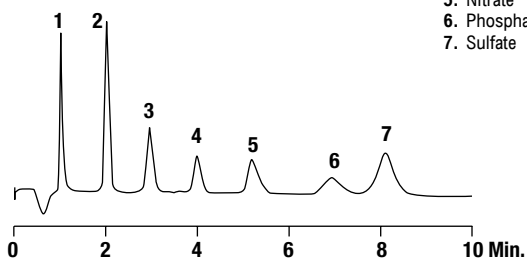
Column: Alltech® Allsep™ Anion, 100 x 4.6mm (Part No. 51207)
Mobile Phase: 0.85mM Sodium Bicarbonate/0.9mM Sodium Carbonate
Flow Rate: 1.2mL/min
Detector: Suppressed Conductivity

Anions

Common Anions Rapid Analysis

CHROM
9174

1. Fluoride
2. Chloride
3. Nitrite
4. Bromide
5. Nitrate
6. Phosphate
7. Sulfate

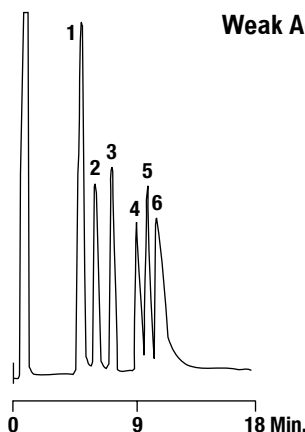


Column: Alltech® Allsep™ A-2, 50 x 4.6mm (Part No. 51221)
Mobile Phase: 2.8mM Sodium Bicarbonate/2.2mM Sodium Carbonate
Flow Rate: 2.0mL/min
Detector: Suppressed Conductivity

Weak Acid Anions

CHROM
5697

1. Borate
2. Silicate
3. Formate
4. Sulfide
5. Chloride
6. Cyanide

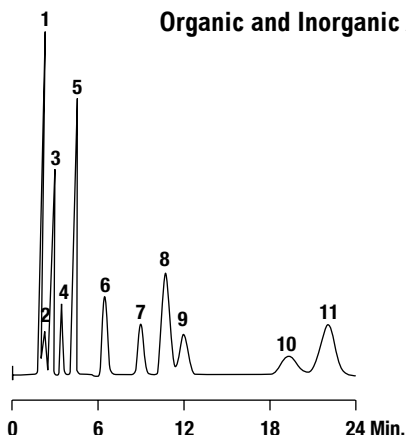


Column: Alltech® Anion/R, 10µm, 250 x 4.1mm (Part No. 269029)
Mobile Phase: 4mM Sodium Hydroxide/0.1mM Sodium Benzoate
Flow Rate: 1.5mL/min
Detector: Conductivity

Organic and Inorganic Anions

CHROM
8747

1. Fluoride
2. Acetate
3. Formate
4. Chlorite
5. Chloride
6. Nitrite
7. Bromide
8. Chlorate
9. Nitrate
10. Phosphate
11. Sulfate

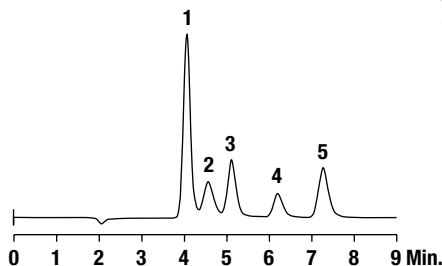


Column: Alltech® Allsep™ A-2 Anion, 100 x 4.6mm (Part No. 51219)
Mobile Phase: 2.1mM Sodium Bicarbonate/1.6mM Sodium Carbonate
Flow Rate: 2.0mL/min
Detector: Suppressed Conductivity

Weak Acid Anions

CHROM
13041

1. Fluoride
2. Acetate
3. Formate
4. Chlorite
5. Chloride

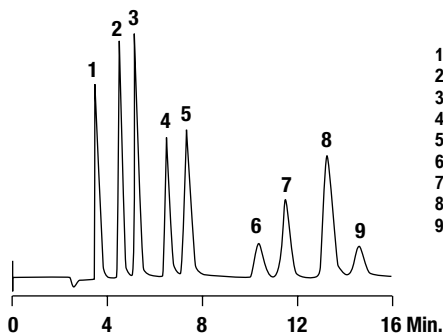


Column: Alltech® Allsep™ A-2 Anion, 100 x 4.6mm (Part No. 51219)
Mobile Phase: 2.1mM Sodium Bicarbonate/1.6mM Sodium Carbonate
Flow Rate: 1.0mL/min
Detector: Suppressed Conductivity

Selenite, Selenate, and Other Anions

CHROM
8611

1. Fluoride
2. Chloride
3. Nitrite
4. Bromide
5. Nitrate
6. Selenite
7. Phosphate
8. Sulfate
9. Selenate

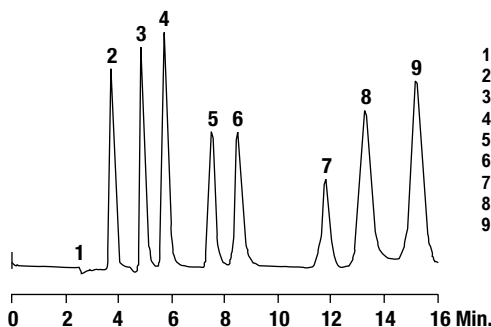


Column: Alltech® Sarasep™ AN1™, 9µm, 250 x 4.6mm (Part No. 38140)
Mobile Phase: 0.75mM Sodium Bicarbonate, 2.2mM Sodium Carbonate
Flow Rate: 1.0mL/min
Detector: Suppressed Conductivity

Separation of Sulfite and Sulfate

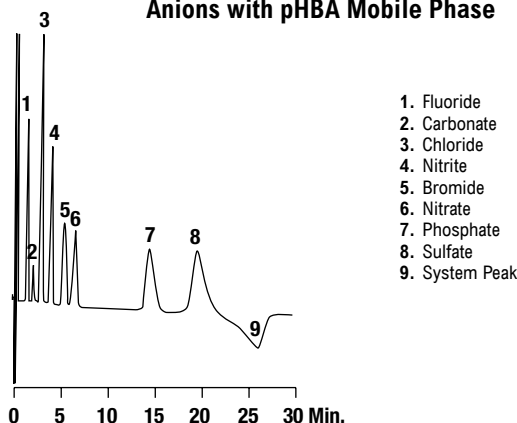
CHROM
6316

1. Water
2. Fluoride
3. Chloride
4. Nitrite
5. Bromide
6. Nitrate
7. Phosphate
8. Sulfite
9. Sulfate



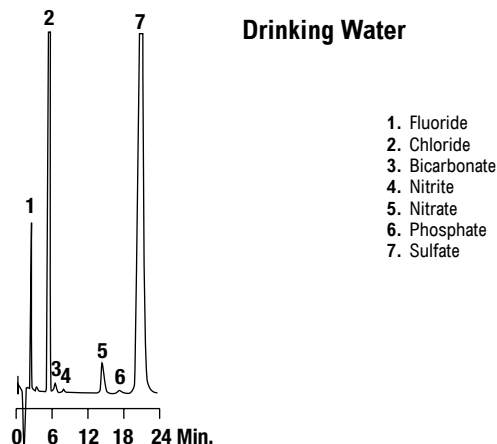
Column: Alltech® ICsep™ AN1™, 9µm, 250 x 4.6mm (Part No. 38140)
Mobile Phase: 1.8mM Sodium Bicarbonate, 1.8mM Sodium Carbonate
Flow Rate: 1.0mL/min
Detector: Suppressed Conductivity

Anions with pHBA Mobile Phase



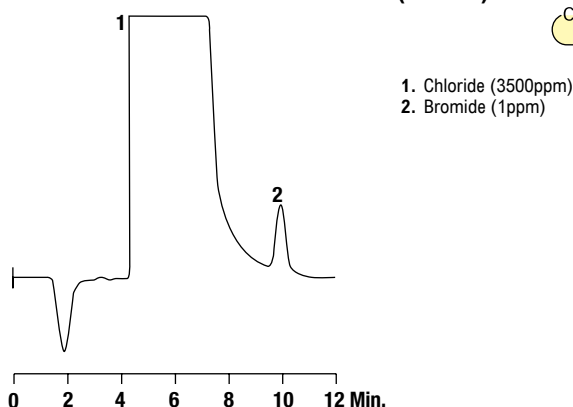
Column: Alltech® Allsep™ A-2 Anion, 100 x 4.6mm (Part No. 51219)
Mobile Phase: 5mM p-Hydroxybenzoic Acid, pH8.2 with Lithium Hydroxide
Flow Rate: 2.0mL/min
Detector: Conductivity

Drinking Water



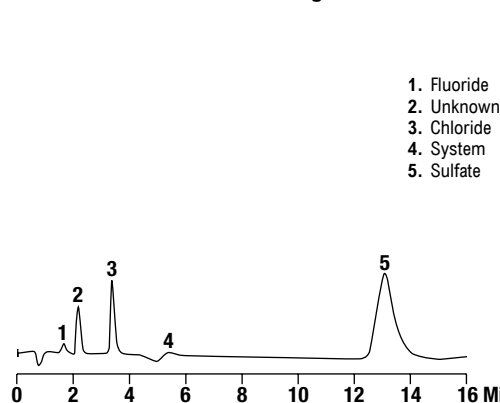
Column: Alltech® Allsep™ A-2 Anion, 100 x 4.6mm (Part No. 51219)
Mobile Phase: 2.8mM Sodium Bicarbonate/2.2mM Sodium Carbonate
Flow Rate: 1.5mL/min
Detector: Suppressed Conductivity

Chloride and Bromide (3500:1)



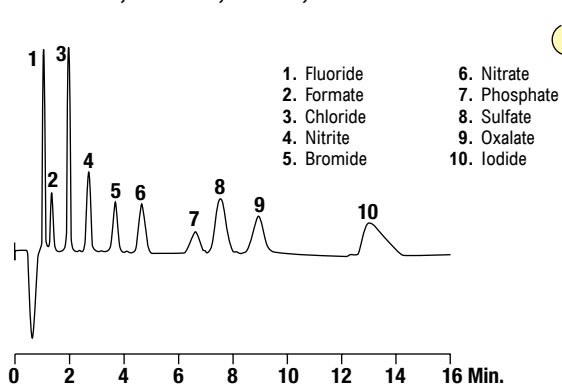
Column: Alltech® Allsep™ A-2 Anion, 100 x 4.6mm (Part No. 51219)
Mobile Phase: 2.8mM Sodium Bicarbonate/2.2mM Sodium Carbonate
Flow Rate: 1.5mL/min
Detector: Suppressed Conductivity

Nickel Plating Bath Solution



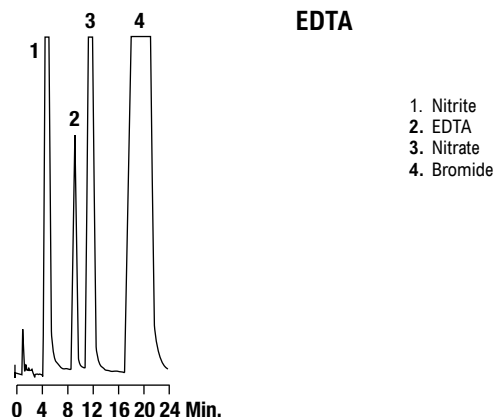
Column: Alltech® Allsep™ A-2 Anion, 50 x 4.6mm (Part No. 51221)
Mobile Phase: 2.8mM Sodium Bicarbonate/2.2mM Sodium Carbonate
Flow Rate: 2.0mL/min
Detector: Suppressed Conductivity

Formate, Oxalate, Iodide, and Seven Common Anions



Column: Alltech® Allsep™ A-2, 50 x 4.6mm (Part No. 51221)
Mobile Phase: 2.8mM Sodium Bicarbonate:2.2mM Sodium Carbonate: 2% Acetonitrile
Flow Rate: 2.0mL/min
Detector: Suppressed Conductivity

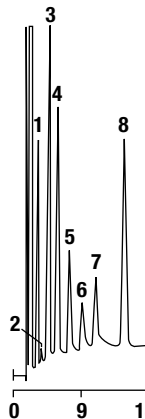
EDTA



Column: Alltech® Anion/S, 100 x 4.6mm (Part No. 269012)
Mobile Phase: 1.5mM Sulfuric Acid
Flow Rate: 1.0mL/min
Detector: UV at 210nm

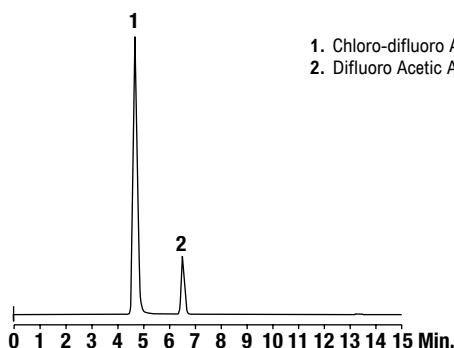
more applications

View our complete searchable chromatogram database at www.discoverysciences.com/chromdb/

Anions**Anion Standards**CHROM
6159

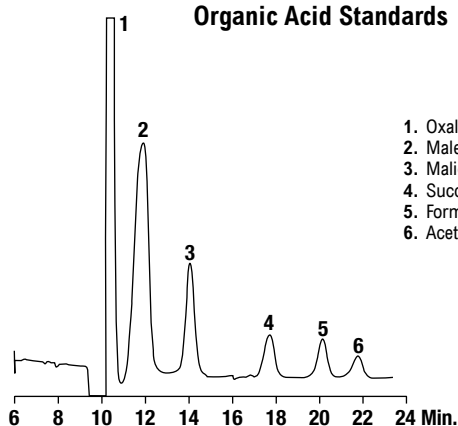
1. Fluoride
2. Bicarbonate
3. Chloride
4. Nitrite
5. Bromide
6. Nitrate
7. Phosphate
8. Sulfate

Column: Alltech® Anion/R, 10µm, 250 x 4.1mm (Part No. 269029)
Mobile Phase: 5mM p-Hydroxybenzoic Acid, pH8.5 with Lithium Hydroxide
Flow Rate: 1.5mL/min
Detector: Conductivity

Haloacetic AcidsCHROM
13038

1. Chloro-difluoro Acetic Acid
2. Difluoro Acetic Acid

Column: Alltech® OA-1000, 9µm, 300 x 6.5mm (Part No. 9046)
Mobile Phase: 1.0% Phosphoric Acid
Flow Rate: 0.8mL/min
Column Temp: 35°C
Detector: Conductivity (Non-Suppressed)

Organic Acid StandardsCHROM
13037

1. Oxalic Acid
2. Maleic Acid
3. Malic Acid
4. Succinic Acid
5. Formic Acid
6. Acetic Acid

Column: Alltech® Anion Exclusion, 10µm, 300 x 7.5mm (Part No. 269062)
Mobile Phase: 1.5mM Sulfuric Acid
Flow Rate: 0.6mL/min
Detector: Conductivity



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