

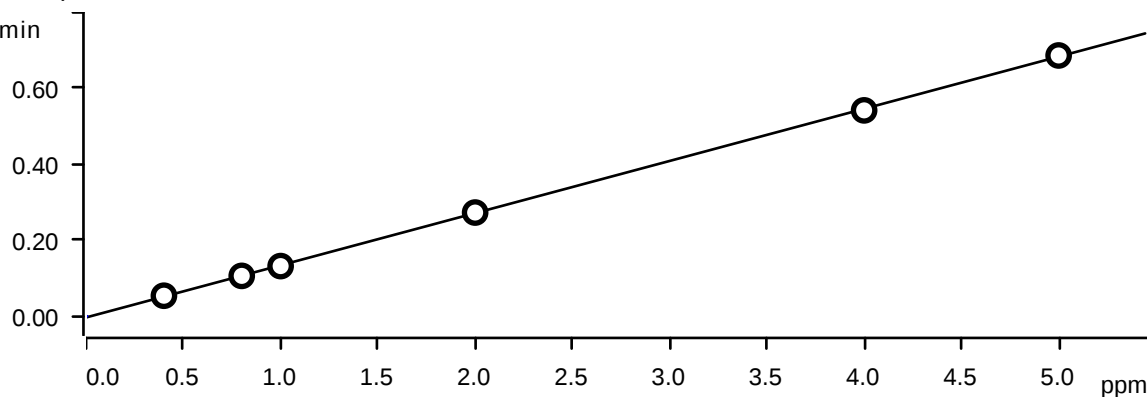
Clear table

Instrument ID: IC-2 Analyst: IZ Method: 300.0 / 9056A

ident	concentra tion F-	concentratio n CL-	concentratio on NO2	concentratio on BR-	concentratio on NO3	concentratio n HPO4	concentratio on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-051324	5/13/2024 15:40		IZ/MA
STD2	0.4450	0.6690	0.6700	2.1990	0.5620	1.1310	3.4510	IC1-051324	5/13/2024 16:02		IZ/MA
STD3	0.8040	1.2260	1.2290	4.0910	1.0210	1.9980	6.1260	IC1-051324	5/13/2024 16:23		IZ/MA
STD4	1.0000	1.4810	1.4990	4.9540	1.2400	2.5220	7.4370	IC1-051324	5/13/2024 16:45		IZ/MA
STD5	1.9530	2.9200	2.8930	9.7290	2.4170	4.8420	14.4330	IC1-051324	5/13/2024 17:06		IZ/MA
STD6	3.9170	5.8890	5.8830	19.6980	4.9170	9.7880	29.2960	IC1-051324	5/13/2024 17:27		IZ/MA
STD7	5.0810	7.6150	7.6260	25.3280	6.3430	12.7180	37.7560	IC1-051324	5/13/2024 17:49		IZ/MA

ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000

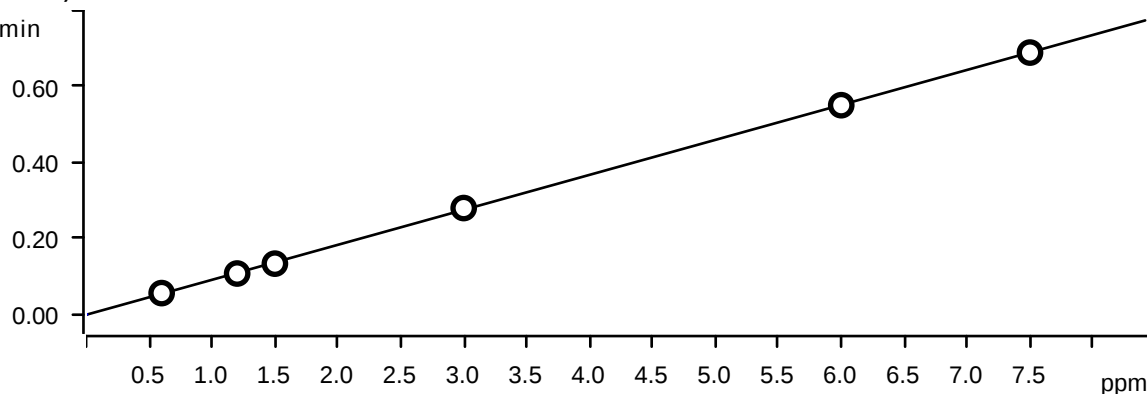
ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4
STD1							
STD2	11.2500	11.5000	11.6667	9.9500	12.4000	13.1000	15.0333
STD3	0.5000	2.1667	2.4167	2.2750	2.1000	-0.1000	2.1000
STD4	0.0000	-1.2667	-0.0667	-0.9200	-0.8000	0.8800	-0.8400
STD5	-2.3500	-2.6667	-3.5667	-2.7100	-3.3200	-3.1600	-3.7800
STD6	-2.0750	-1.8500	-1.9500	-1.5100	-1.6600	-2.1200	-2.3467
STD7	1.6200	1.5333	1.6800	1.3120	1.4880	1.7440	2.0432

Fluoride (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -3.05003E-3 + 0.0137350 \times Q$

Relative standard deviation 1.034950 %

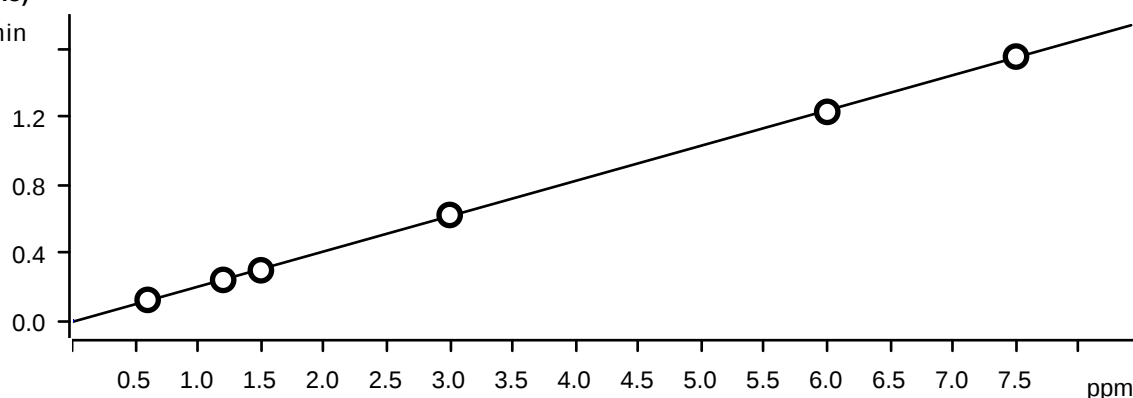
Correlation coefficient 0.999943

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.054	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.106	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.132	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.273	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.542	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.687	Std 7	2024-04-13 01:04:41 UTC-4	used

Chloride (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -1.03082E-3 + 9.21146E-3 \times Q$

Relative standard deviation 1.071537 %
Correlation coefficient 0.999938

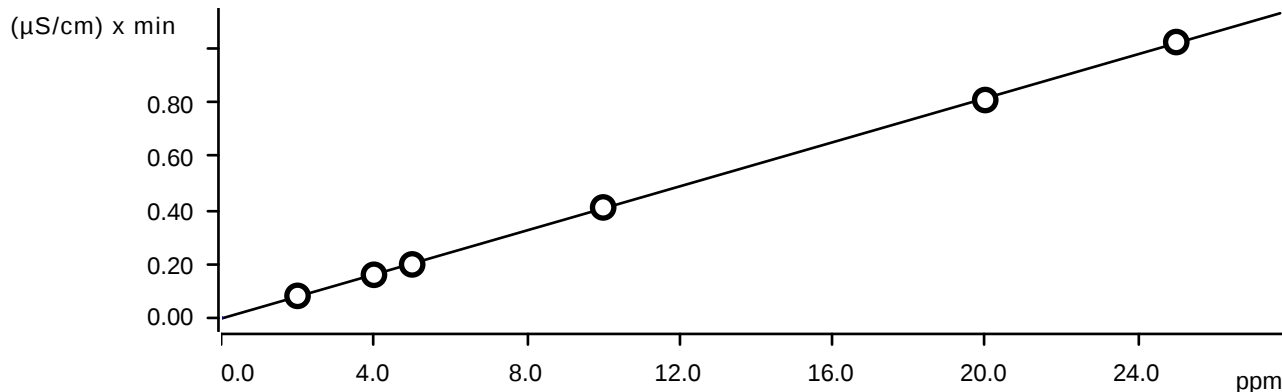
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.056	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.108	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.134	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.280	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.551	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.689	Std 7	2024-04-13 01:04:41 UTC-4	used

Nitrite (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ 

Function: $A = -8.19751E-3 + 0.0207534 \times Q$
Relative standard deviation 1.139145 %
Correlation coefficient 0.999931

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.122	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.239	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.296	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.621	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.228	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.554	Std 7	2024-04-13 01:04:41 UTC-4	used

Bromide (Anions)



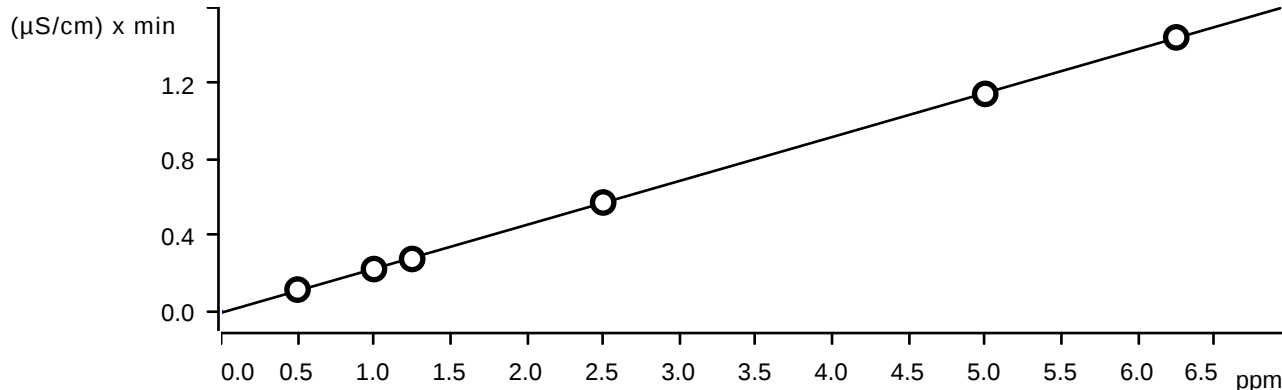
Function: $A = -2.93159E-3 + 4.09511E-3 \times Q$

Relative standard deviation: 1.087762 %

Correlation coefficient: 0.999936

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.082	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.160	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.199	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.410	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.810	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.025	Std 7	2024-04-13 01:04:41 UTC-4	used

Nitrate (Anions)



Function: $A = -7.15004E-3 + 0.0231424 \times Q$

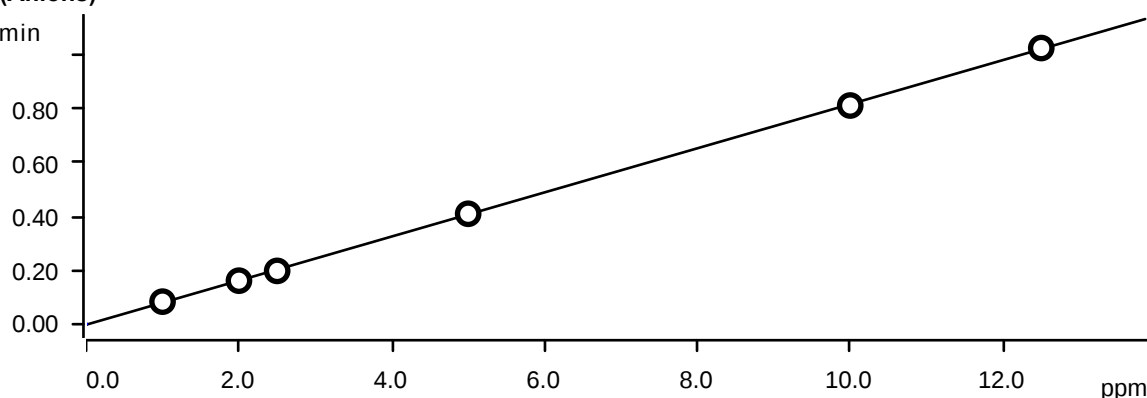
Relative standard deviation: 0.870938 %

Correlation coefficient 0.999960

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.115	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.223	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.276	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.573	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.145	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.443	Std 7	2024-04-13 01:04:41 UTC-4	used

Phosphate (Anions)

(μS/cm) x min

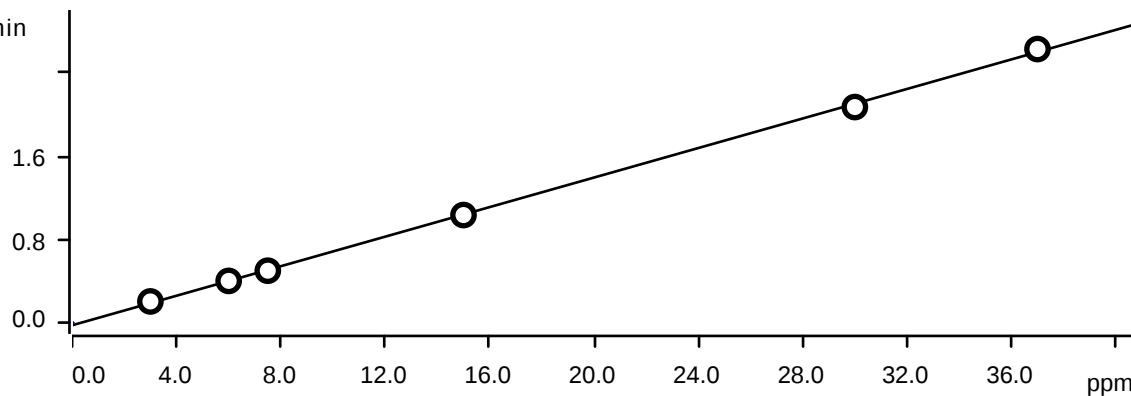
Function: $A = -2.37452E-3 + 8.19864E-3 \times Q$

Relative standard deviation 1.011855 %

Correlation coefficient 0.999945

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.083	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.161	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.198	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.410	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.813	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.026	Std 7	2024-04-13 01:04:41 UTC-4	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0233221 + 7.09240E-3 \times Q$

Relative standard deviation 2.047074 %

Correlation coefficient 0.999778

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	Std 1	2024-04-12 22:45:19 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.206	Std 2	2024-04-12 23:06:41 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.403	Std 3	2024-04-12 23:38:39 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.501	Std 4	2024-04-13 00:00:33 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.035	Std 5	2024-04-13 00:21:58 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.072	Std 6	2024-04-13 00:43:14 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.629	Std 7	2024-04-13 01:04:41 UTC-4	used

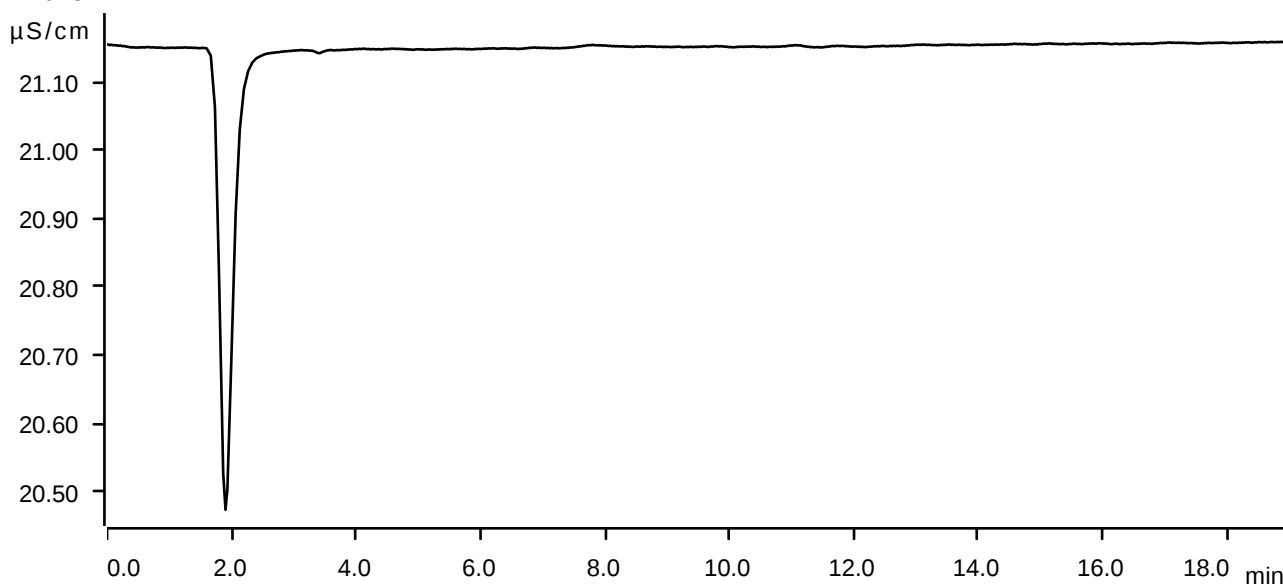
Sample data

Ident Std 1
Sample type Standard 1
Determination start 2024-04-12 22:45:19 UTC-4
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.32 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



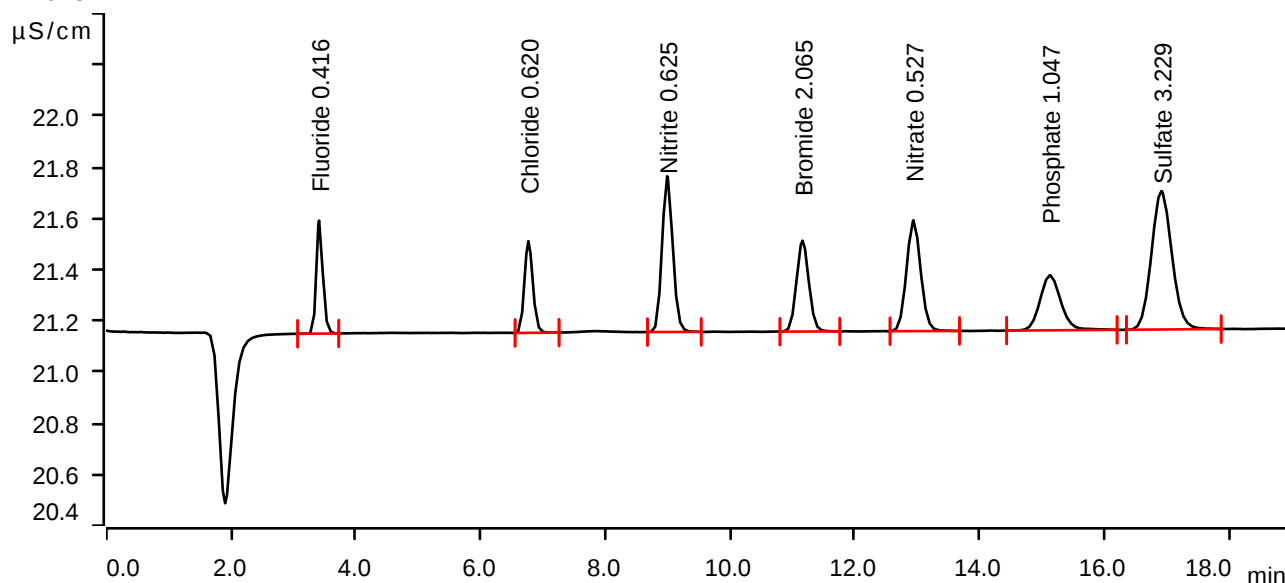
Sample data

Ident Std 2
Sample type Standard 2
Determination start 2024-04-12 23:06:41 UTC-4
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.26 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.412	0.0541	0.441	0.416	Fluoride
2	6.767	0.0561	0.358	0.620	Chloride
3	8.993	0.1216	0.608	0.625	Nitrite
4	11.162	0.0816	0.355	2.065	Bromide
5	12.940	0.1148	0.433	0.527	Nitrate
6	15.127	0.0834	0.215	1.047	Phosphate
7	16.915	0.2057	0.541	3.229	Sulfate

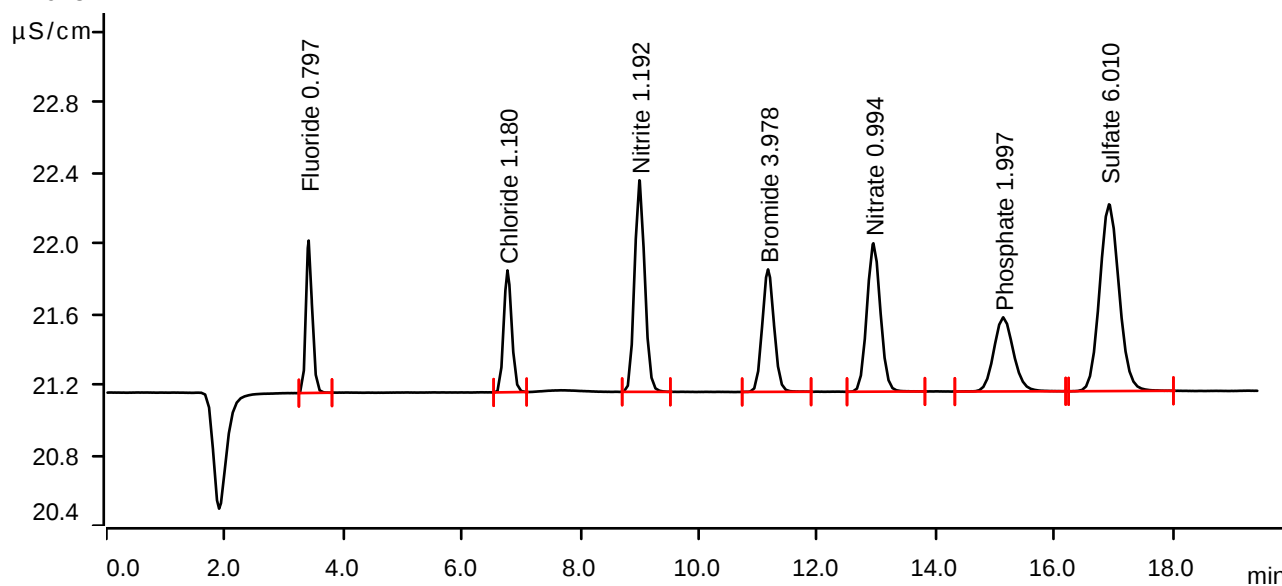
Sample data

Ident Std 3
Sample type Standard 3
Determination start 2024-04-12 22:38:39 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.5 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.26 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.415	0.1064	0.863	0.797	Fluoride
2	6.770	0.1076	0.690	1.180	Chloride
3	8.997	0.2391	1.198	1.192	Nitrite
4	11.167	0.1600	0.694	3.978	Bromide
5	12.945	0.2229	0.840	0.994	Nitrate
6	15.137	0.1614	0.420	1.997	Phosphate
7	16.922	0.4029	1.057	6.010	Sulfate

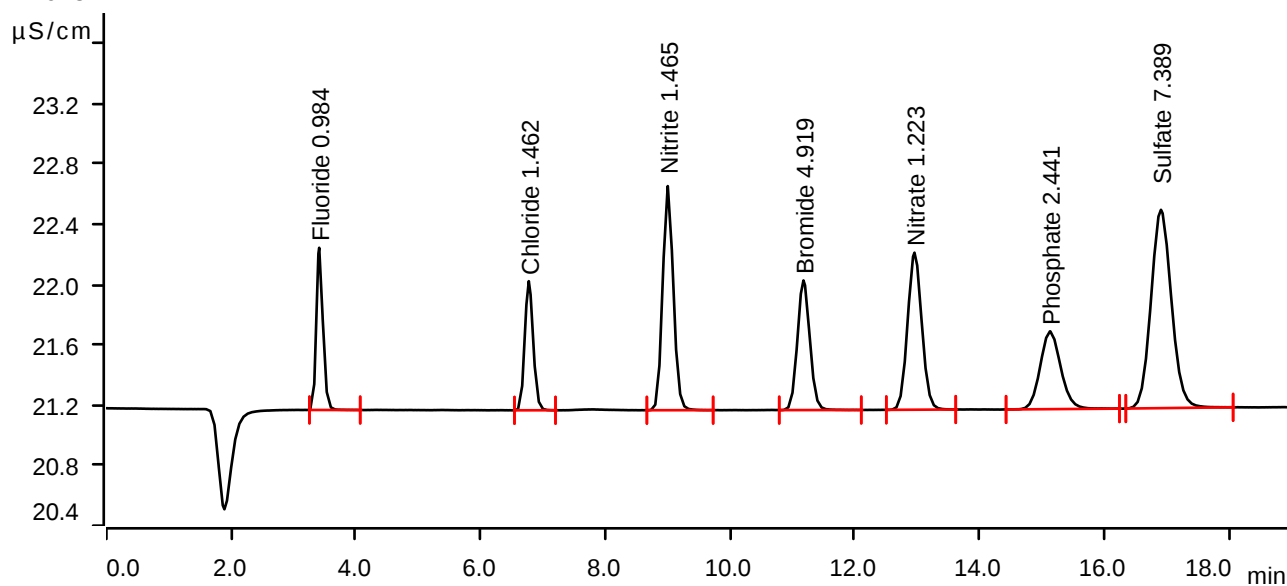
Sample data

Ident Std 4
Sample type Standard 4
Determination start 2024-04-12 23:00:33 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.26 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.413	0.1321	1.077	0.984	Fluoride
2	6.773	0.1336	0.857	1.462	Chloride
3	9.002	0.2959	1.487	1.465	Nitrite
4	11.177	0.1985	0.861	4.919	Bromide
5	12.957	0.2759	1.043	1.223	Nitrate
6	15.128	0.1978	0.517	2.441	Phosphate
7	16.908	0.5007	1.317	7.389	Sulfate

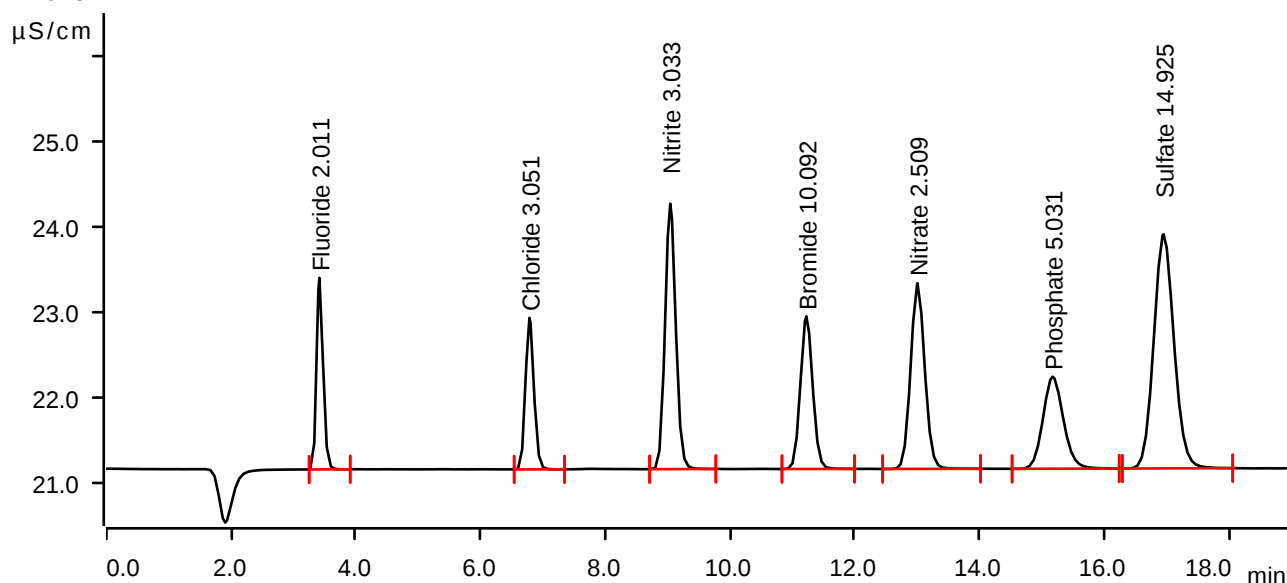
Sample data

Ident Std 5
Sample type Standard 5
Determination start 2024-04-12 23:21:58 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.32 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.417	0.2731	2.244	2.011	Fluoride
2	6.783	0.2800	1.776	3.051	Chloride
3	9.042	0.6213	3.109	3.033	Nitrite
4	11.223	0.4104	1.788	10.092	Bromide
5	13.005	0.5735	2.175	2.509	Nitrate
6	15.172	0.4101	1.078	5.031	Phosphate
7	16.950	1.0352	2.744	14.925	Sulfate

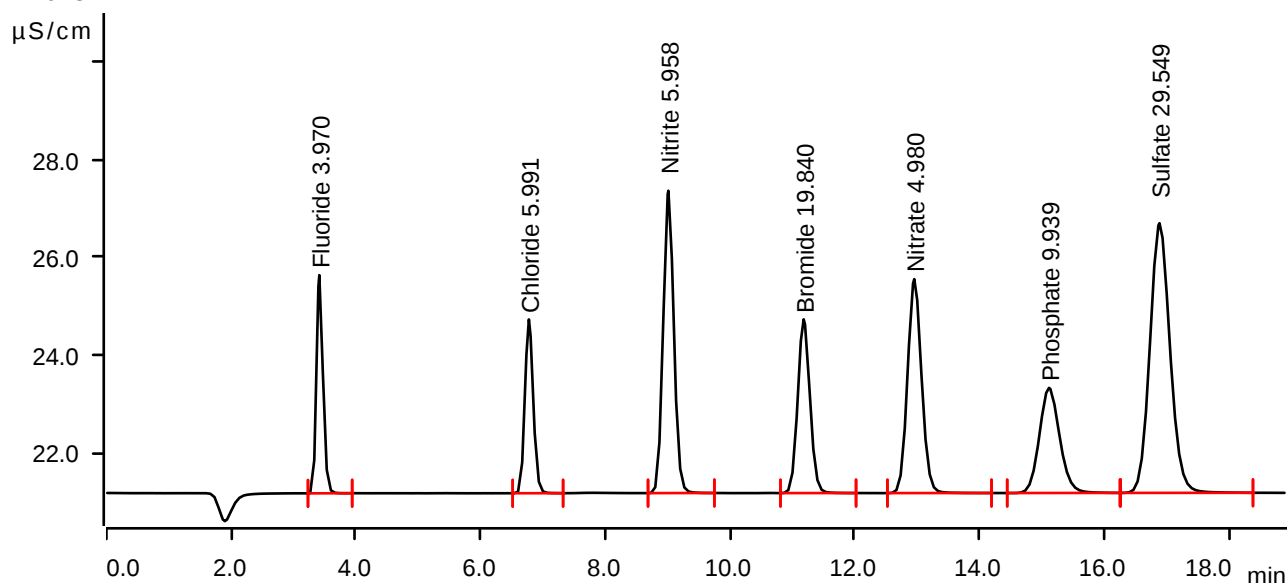
Sample data

Ident Std 6
Sample type Standard 6
Determination start 2024-04-12 23:43:14 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.26 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.415	0.5422	4.473	3.970	Fluoride
2	6.775	0.5509	3.563	5.991	Chloride
3	9.012	1.2283	6.198	5.958	Nitrite
4	11.180	0.8095	3.562	19.840	Bromide
5	12.953	1.1453	4.386	4.980	Nitrate
6	15.113	0.8125	2.155	9.939	Phosphate
7	16.885	2.0724	5.528	29.549	Sulfate

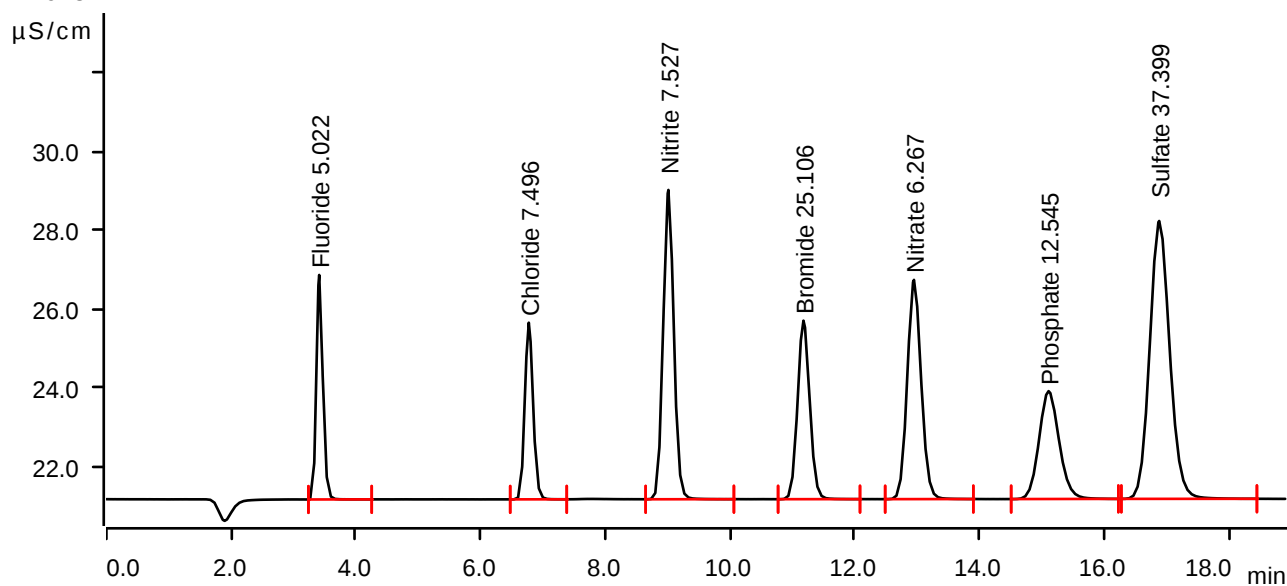
Sample data

Ident Std 7
Sample type Standard 7
Determination start 2024-04-13 00:04:41 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.37 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.413	0.6867	5.697	5.022	Fluoride
2	6.773	0.6894	4.484	7.496	Chloride
3	9.012	1.5538	7.851	7.527	Nitrite
4	11.177	1.0252	4.531	25.106	Bromide
5	12.948	1.4431	5.565	6.267	Nitrate
6	15.107	1.0261	2.739	12.545	Phosphate
7	16.880	2.6292	7.053	37.399	Sulfate

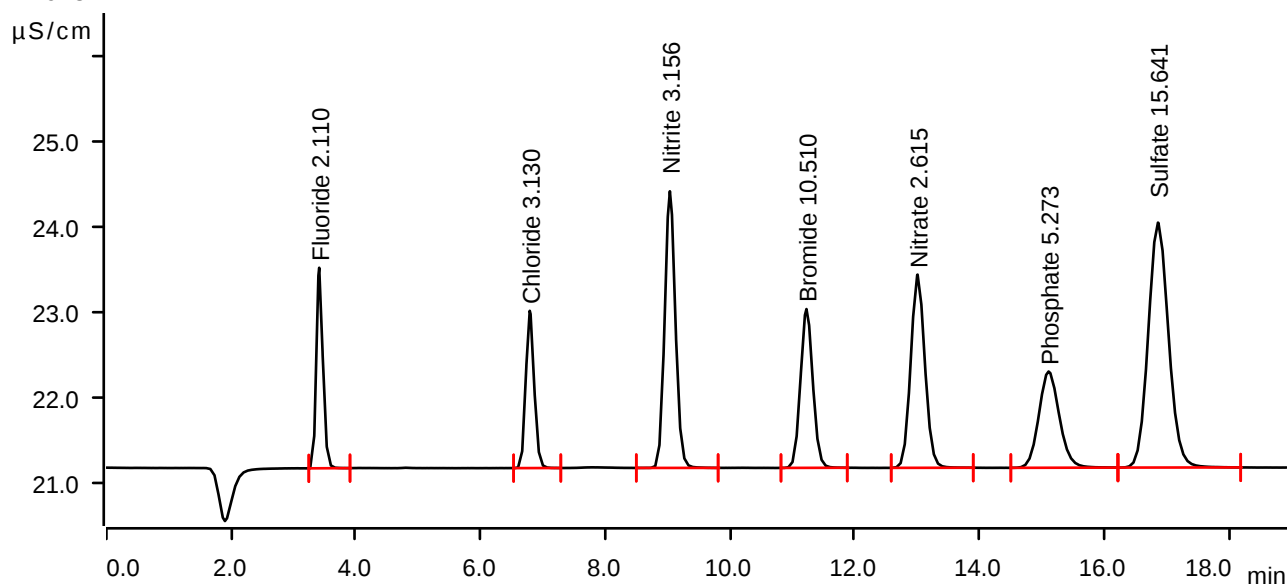
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2024-04-13 02:35:03 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.49 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



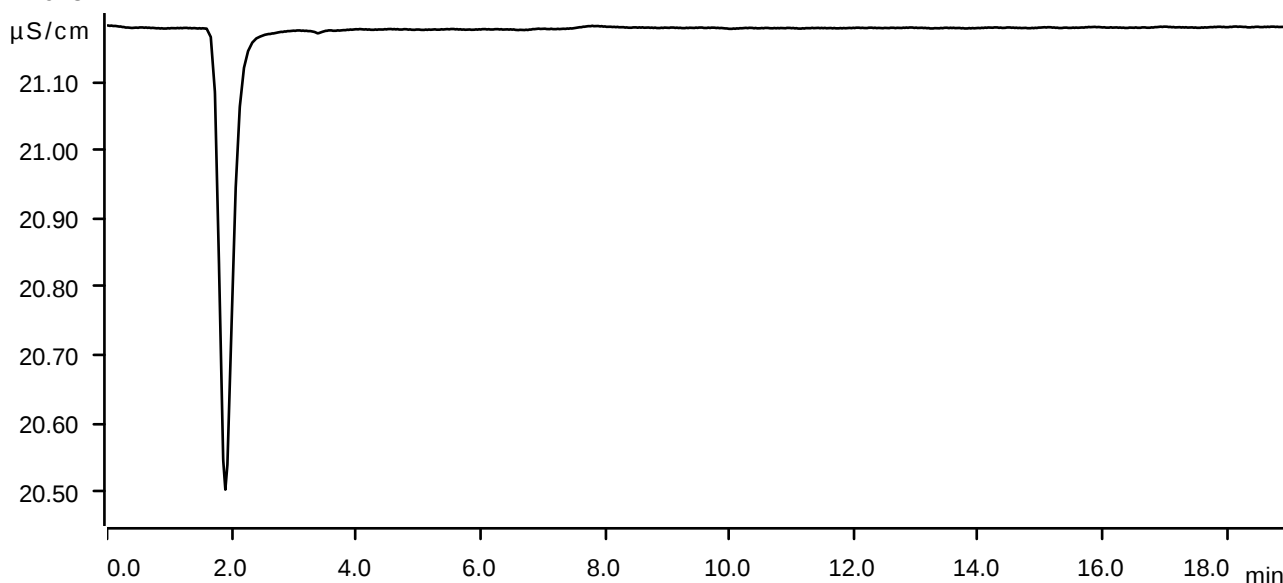
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.413	0.2867	2.349	2.110	Fluoride
2	6.788	0.2873	1.842	3.130	Chloride
3	9.035	0.6468	3.241	3.156	Nitrite
4	11.225	0.4275	1.860	10.510	Bromide
5	13.007	0.5980	2.263	2.615	Nitrate
6	15.107	0.4300	1.127	5.273	Phosphate
7	16.860	1.0860	2.869	15.641	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2024-04-13 02:56:34 UTC-5
Method anions
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.49 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

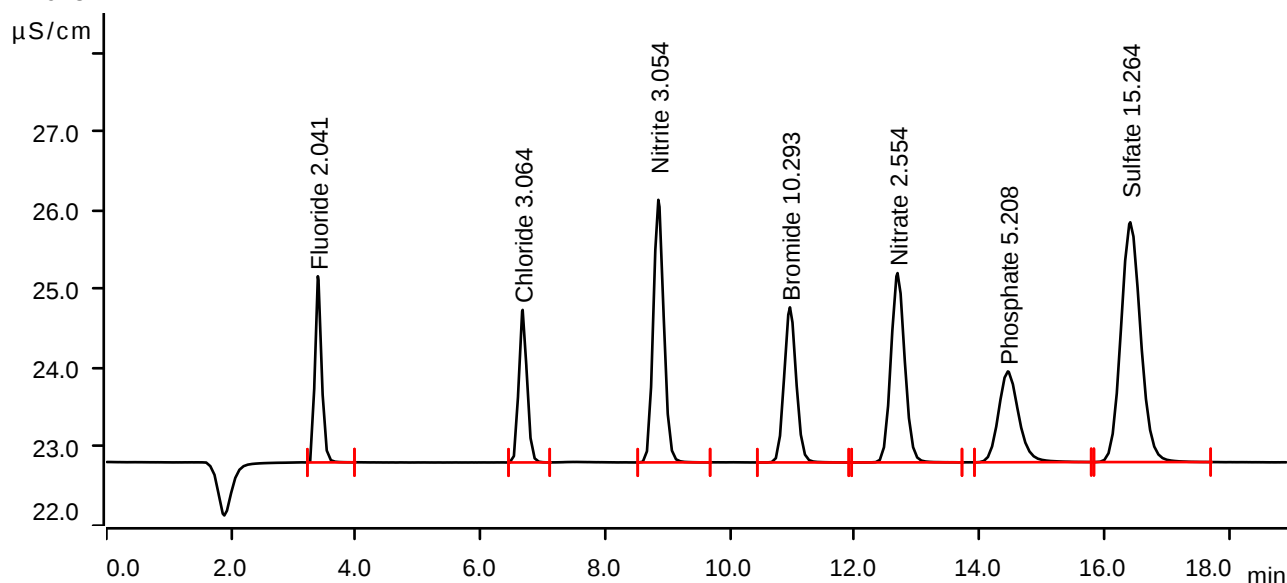
Sample data

Ident CCV
 Sample type Check standard 1
 Determination start 2024-05-21 10:25:53 UTC-4
 Method IC1-051324
 Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
 Channel Conductivity
 Recording time 19.0 min
 Integration Automatically
 Column type Metrosep A Supp 19 - 150/4.0
 Eluent composition not defined
 Flow 0.700 mL/min
 Maximum flow monitored yes
 Pressure 11.82 MPa
 Maximum pressure monitored yes
 Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.392	0.2915	2.363	2.041	Fluoride
2	6.675	0.2965	1.936	3.064	Chloride
3	8.850	0.6513	3.332	3.054	Nitrite
4	10.960	0.4429	1.968	10.293	Bromide
5	12.685	0.6192	2.402	2.554	Nitrate
6	14.453	0.4337	1.153	5.208	Phosphate
7	16.417	1.1191	3.043	15.264	Sulfate

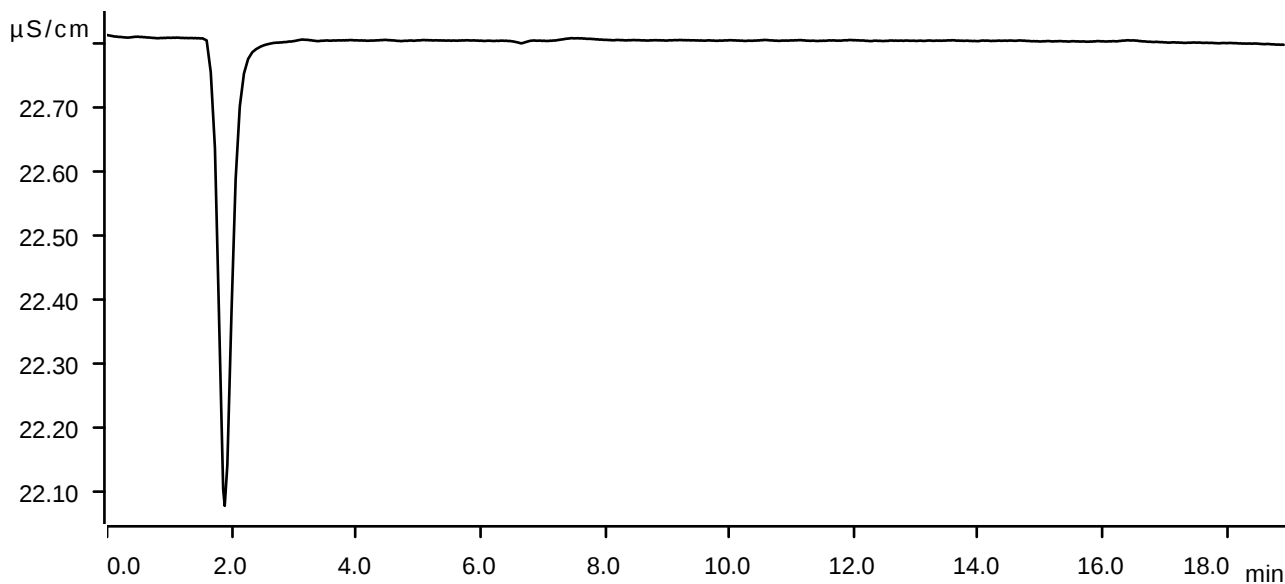
Sample data

Ident CCB
Sample type Sample
Determination start 2024-05-21 10:47:23 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.43 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



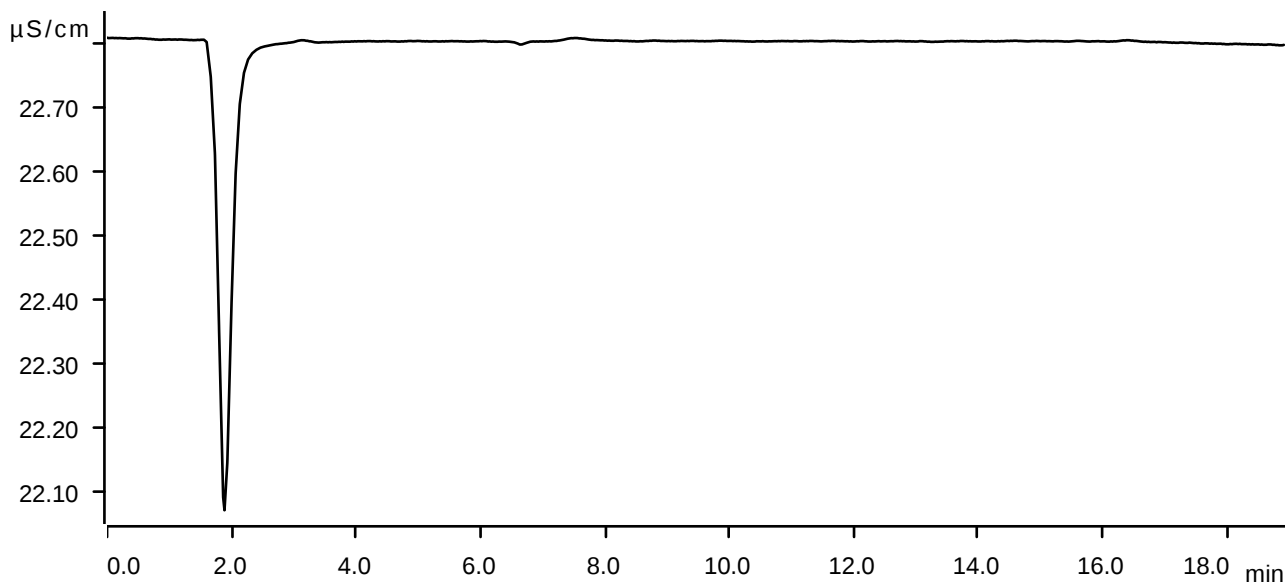
Sample data

Ident LB130847BLW
Sample type Sample
Determination start 2024-05-21 11:08:53 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.22 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



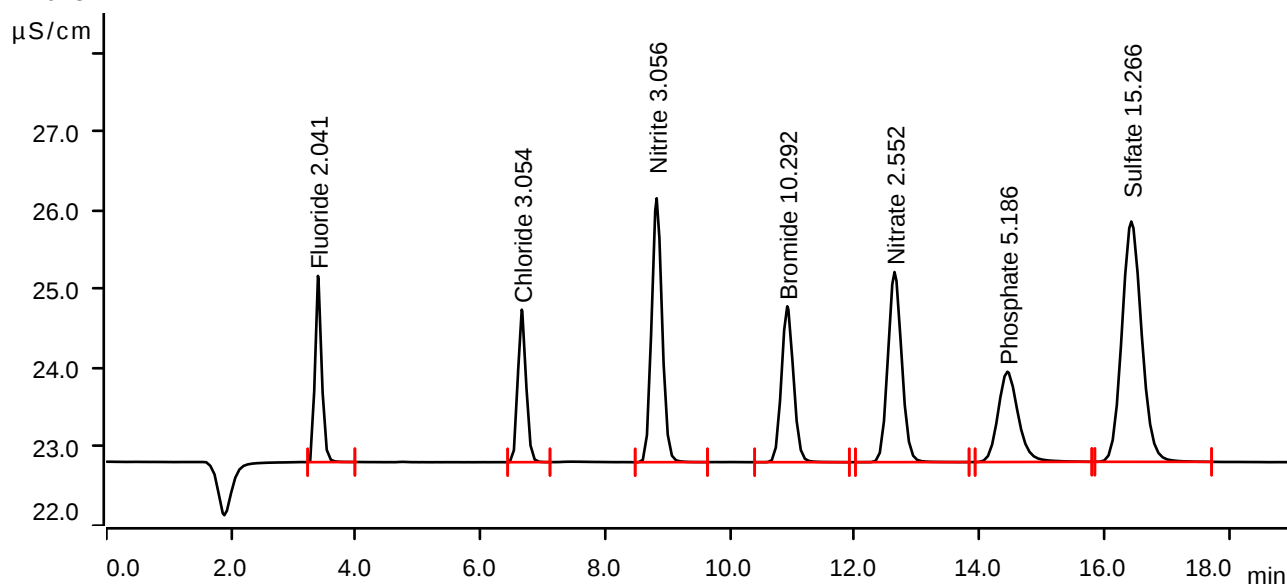
Sample data

Ident LB130847BSW
Sample type Check standard 1
Determination start 2024-05-21 11:30:23 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.54 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.393	0.2915	2.363	2.041	Fluoride
2	6.660	0.2956	1.936	3.054	Chloride
3	8.823	0.6516	3.348	3.056	Nitrite
4	10.917	0.4428	1.978	10.292	Bromide
5	12.637	0.6186	2.413	2.552	Nitrate
6	14.447	0.4318	1.146	5.186	Phosphate
7	16.433	1.1192	3.049	15.266	Sulfate

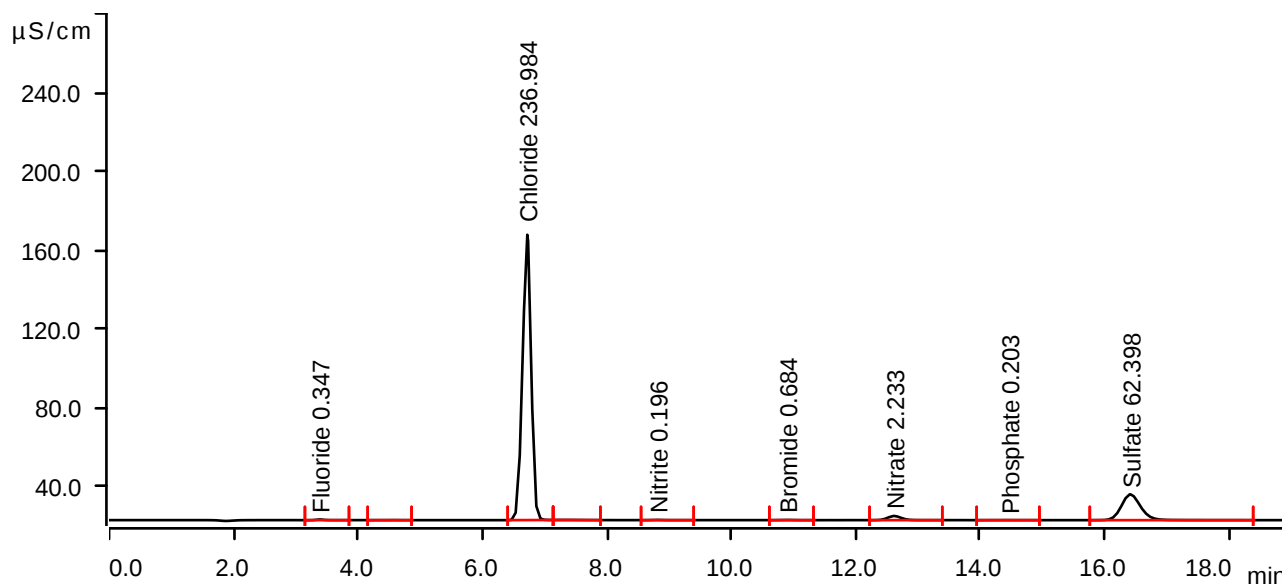
Sample data

Ident P2538-04
Sample type Sample
Determination start 2024-05-21 11:51:55 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.66 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.383	0.0448	0.351	0.347	Fluoride
2	4.588	0.0042	0.028	invalid	
3	6.722	23.3051	144.829	236.984	Chloride
4	7.350	0.0146	0.042	invalid	
5	8.813	0.0210	0.109	0.196	Nitrite
6	10.897	0.0201	0.090	0.684	Bromide
7	12.617	0.5396	2.114	2.233	Nitrate
8	14.467	0.0062	0.016	0.203	Phosphate
9	16.412	4.6977	13.125	62.398	Sulfate

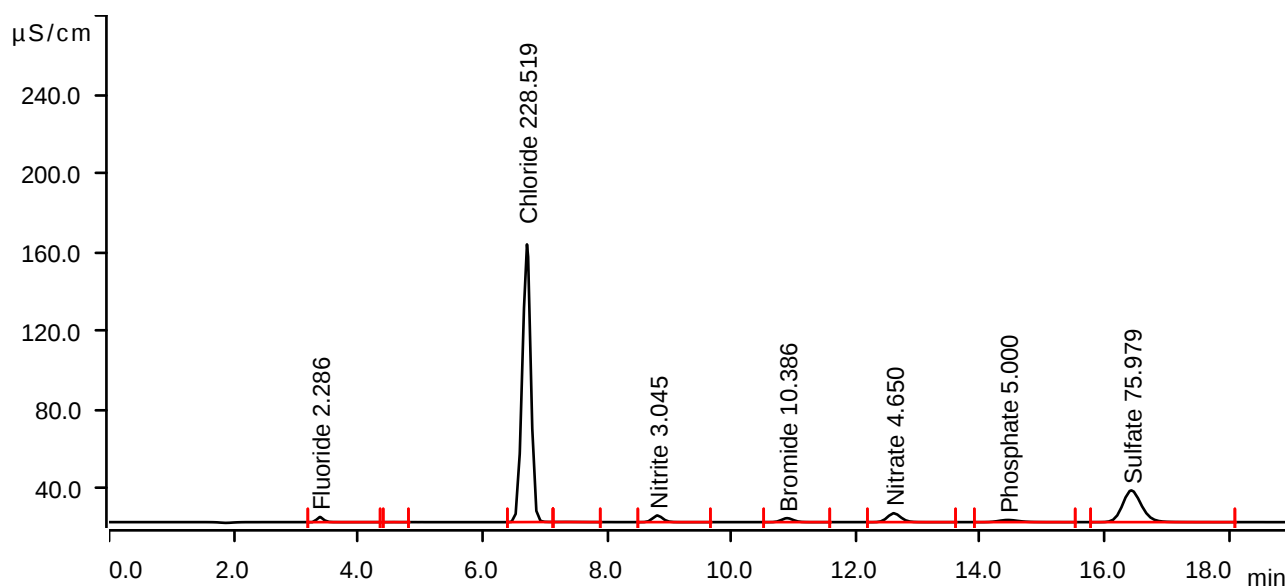
Sample data

Ident P2538-04MS
Sample type Sample
Determination start 2024-05-21 12:13:27 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.32 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.387	0.3272	2.632	2.286	Fluoride
2	4.587	0.0035	0.026	invalid	
3	6.717	22.4724	140.951	228.519	Chloride
4	7.352	0.0146	0.042	invalid	
5	8.813	0.6493	3.375	3.045	Nitrite
6	10.897	0.4470	2.016	10.386	Bromide
7	12.612	1.1388	4.509	4.650	Nitrate
8	14.445	0.4160	1.106	5.000	Phosphate
9	16.428	5.7288	16.114	75.979	Sulfate

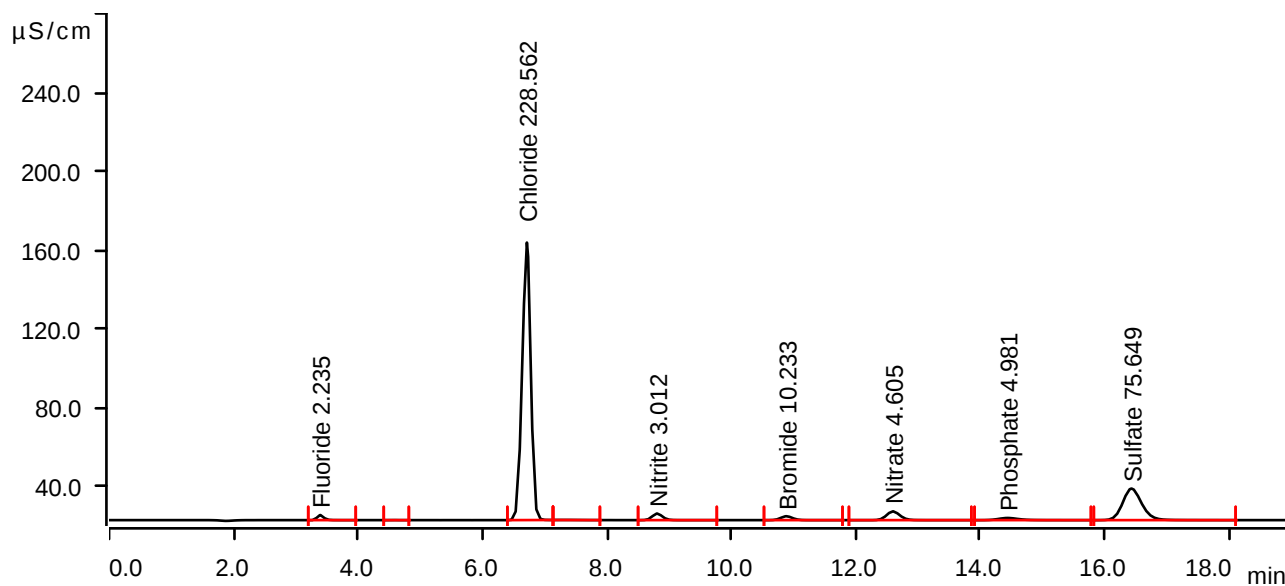
Sample data

Ident P2538-04MSD
Sample type Sample
Determination start 2024-05-21 12:35:00 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.20 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	($\mu\text{S/cm}$) x min	$\mu\text{S/cm}$	ppm	
1	3.390	0.3198	2.584	2.235	Fluoride
2	4.590	0.0036	0.027	invalid	
3	6.715	22.4766	140.867	228.562	Chloride
4	7.330	0.0138	0.040	invalid	
5	8.808	0.6420	3.342	3.012	Nitrite
6	10.885	0.4402	1.984	10.233	Bromide
7	12.597	1.1277	4.467	4.605	Nitrate
8	14.440	0.4144	1.096	4.981	Phosphate
9	16.430	5.7038	16.053	75.649	Sulfate

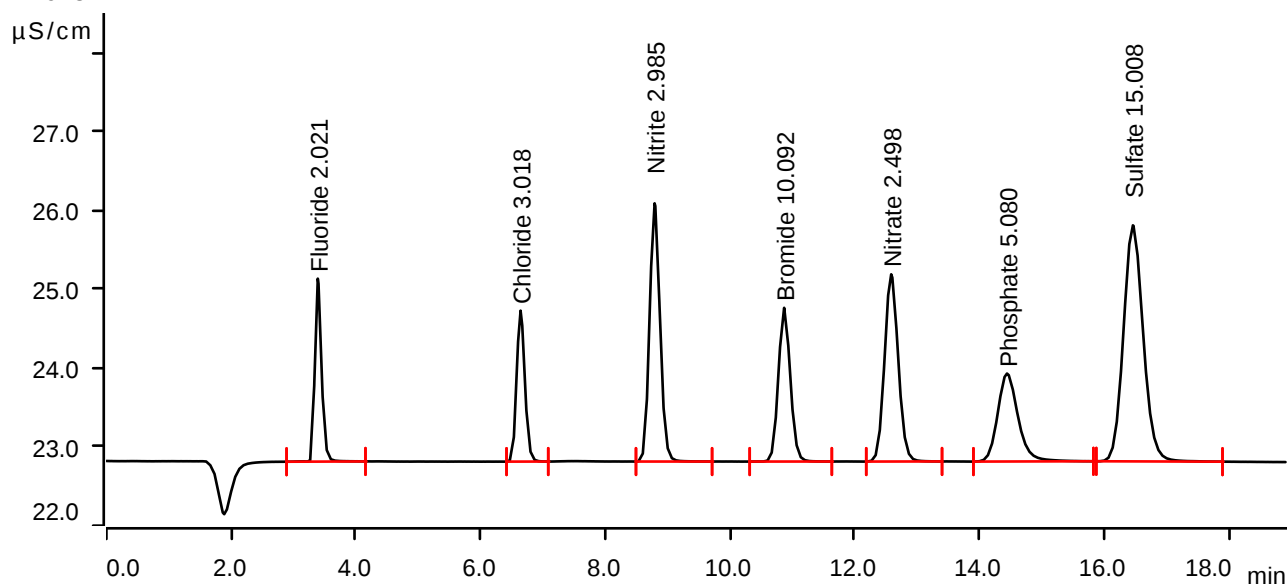
Sample data

Ident IDOC-01
Sample type Check standard 1
Determination start 2024-05-21 12:56:34 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.15 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.2886	2.322	2.021	Fluoride
2	6.642	0.2920	1.915	3.018	Chloride
3	8.790	0.6359	3.277	2.985	Nitrite
4	10.867	0.4340	1.950	10.092	Bromide
5	12.583	0.6053	2.376	2.498	Nitrate
6	14.440	0.4228	1.116	5.080	Phosphate
7	16.458	1.0996	2.996	15.008	Sulfate

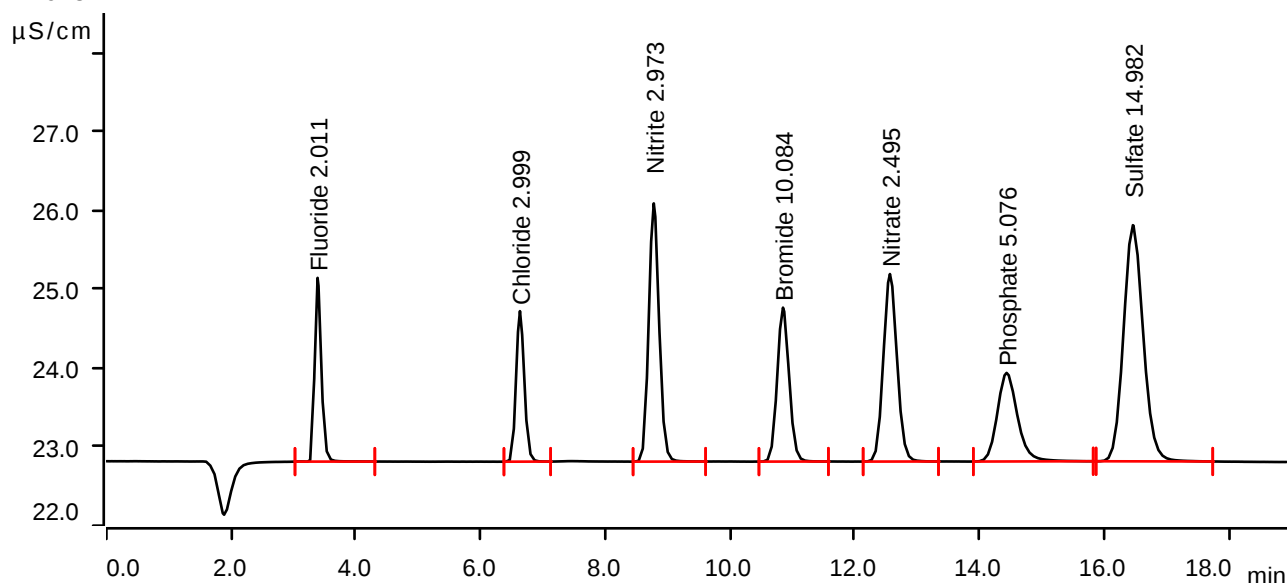
Sample data

Ident IDOC-02
Sample type Check standard 1
Determination start 2024-05-21 13:18:09 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.20 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.387	0.2871	2.332	2.011	Fluoride
2	6.632	0.2901	1.910	2.999	Chloride
3	8.777	0.6333	3.277	2.973	Nitrite
4	10.848	0.4337	1.954	10.084	Bromide
5	12.563	0.6046	2.379	2.495	Nitrate
6	14.433	0.4225	1.124	5.076	Phosphate
7	16.458	1.0977	2.997	14.982	Sulfate

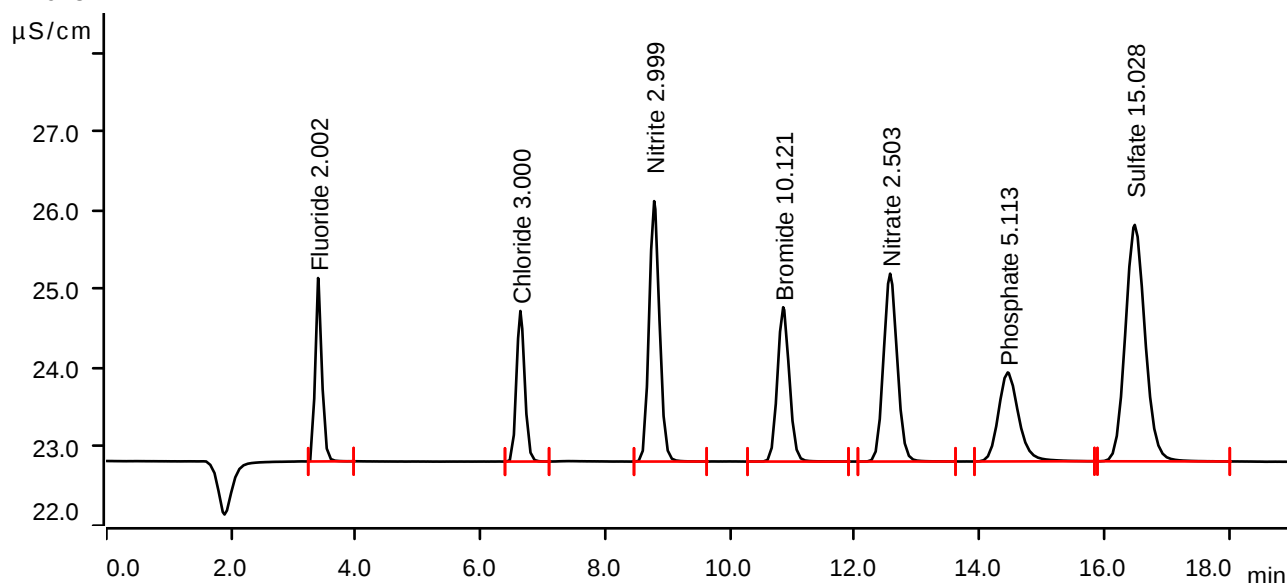
Sample data

Ident IDOC-03
Sample type Check standard 1
Determination start 2024-05-21 13:39:42 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.09 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.2858	2.327	2.002	Fluoride
2	6.638	0.2902	1.911	3.000	Chloride
3	8.783	0.6392	3.305	2.999	Nitrite
4	10.852	0.4353	1.959	10.121	Bromide
5	12.567	0.6066	2.384	2.503	Nitrate
6	14.452	0.4256	1.129	5.113	Phosphate
7	16.488	1.1011	3.000	15.028	Sulfate

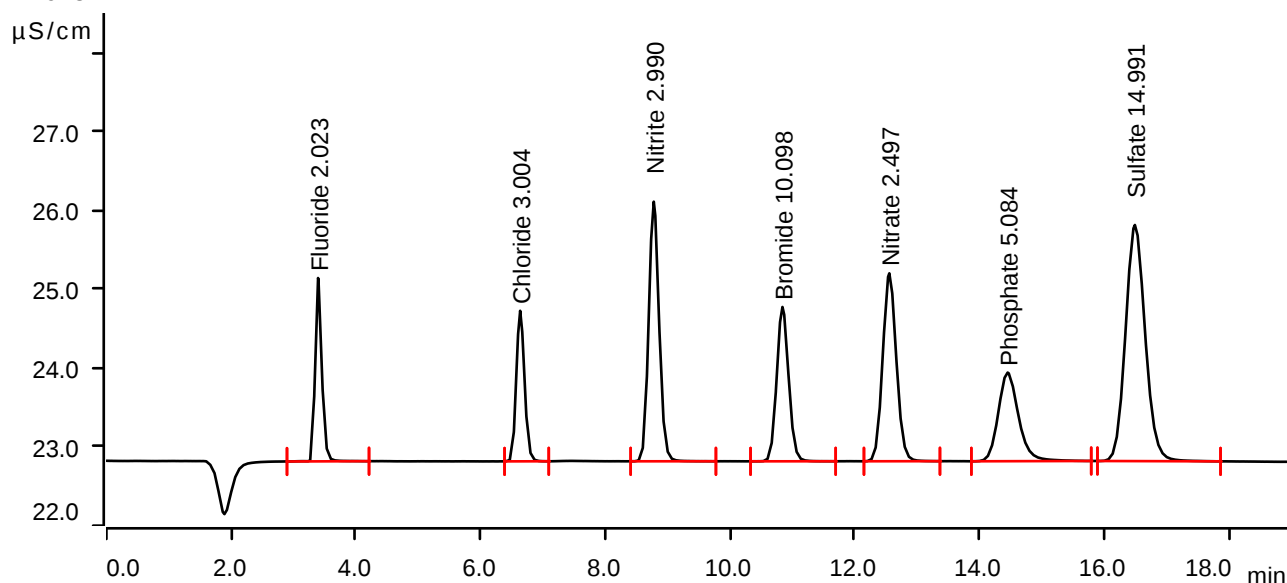
Sample data

Ident IDOC-04
Sample type Check standard 1
Determination start 2024-05-21 14:01:15 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.20 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.2889	2.327	2.023	Fluoride
2	6.635	0.2906	1.911	3.004	Chloride
3	8.777	0.6371	3.294	2.990	Nitrite
4	10.840	0.4343	1.959	10.098	Bromide
5	12.553	0.6050	2.385	2.497	Nitrate
6	14.450	0.4232	1.125	5.084	Phosphate
7	16.490	1.0983	2.996	14.991	Sulfate

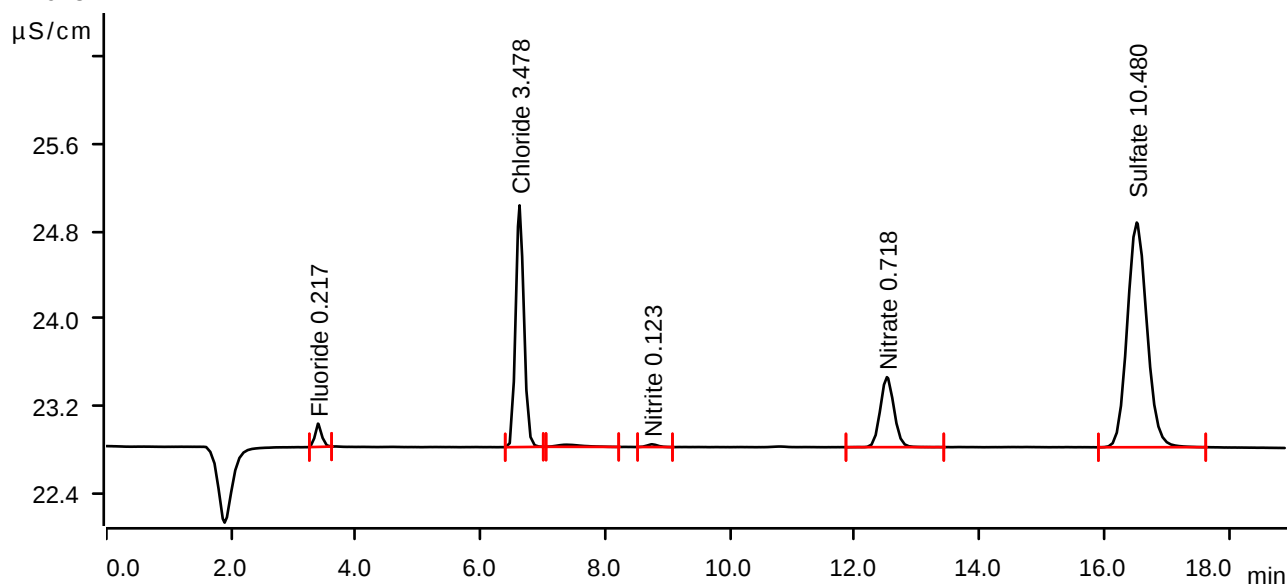
Sample data

Ident P2563-03
Sample type Sample
Determination start 2024-05-21 15:05:47 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.87 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.393	0.0260	0.214	0.217	Fluoride
2	6.625	0.3372	2.218	3.478	Chloride
3	7.380	0.0091	0.019	invalid	
4	8.748	0.0049	0.025	0.123	Nitrite
5	12.515	0.1642	0.643	0.718	Nitrate
6	16.520	0.7558	2.062	10.480	Sulfate

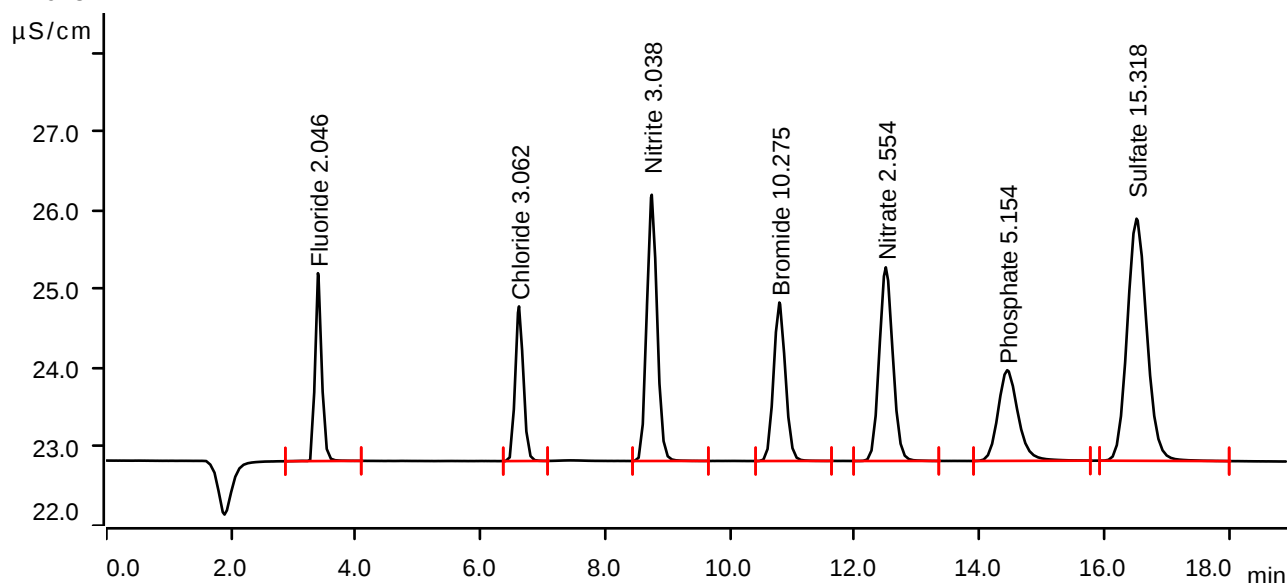
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-05-21 15:27:09 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.09 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.393	0.2923	2.384	2.046	Fluoride
2	6.617	0.2963	1.962	3.062	Chloride
3	8.745	0.6478	3.379	3.038	Nitrite
4	10.790	0.4421	2.011	10.275	Bromide
5	12.497	0.6191	2.457	2.554	Nitrate
6	14.443	0.4291	1.151	5.154	Phosphate
7	16.517	1.1231	3.073	15.318	Sulfate

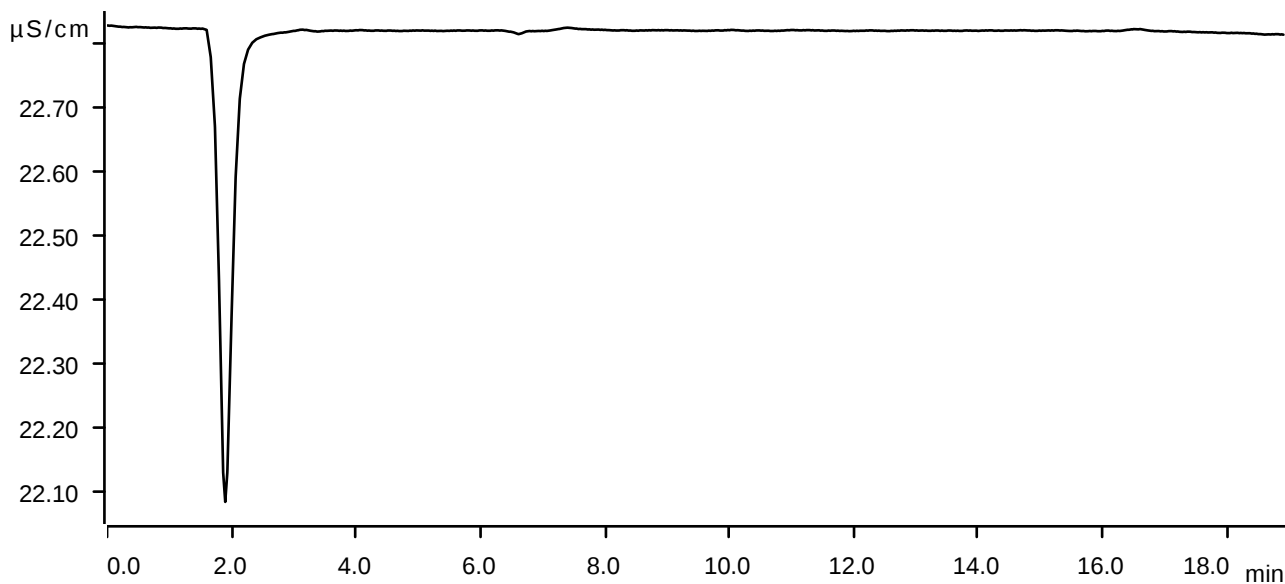
Sample data

Ident CCB
Sample type Sample
Determination start 2024-05-21 15:48:39 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.87 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



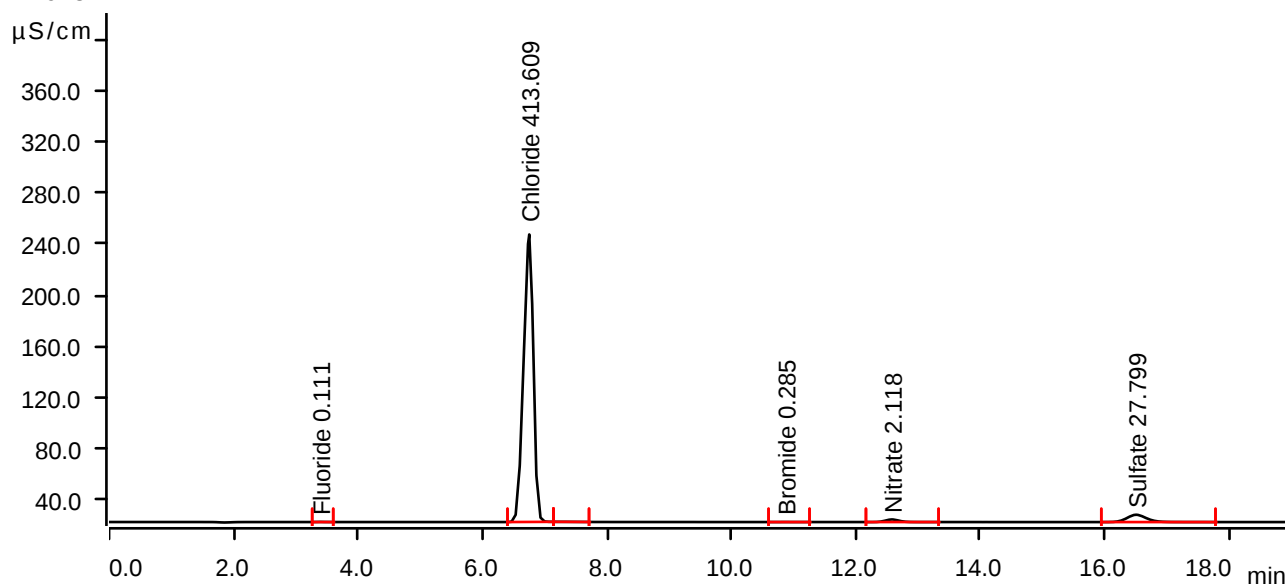
Sample data

Ident P2561-01
Sample type Sample
Determination start 2024-05-21 17:10:47 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.26 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.392	0.0105	0.089	0.111	Fluoride
2	6.753	40.6780	224.502	413.609	Chloride
3	7.253	0.0100	0.030	invalid	
4	10.870	0.0025	0.011	0.285	Bromide
5	12.580	0.5111	2.018	2.118	Nitrate
6	16.505	2.0707	5.713	27.799	Sulfate

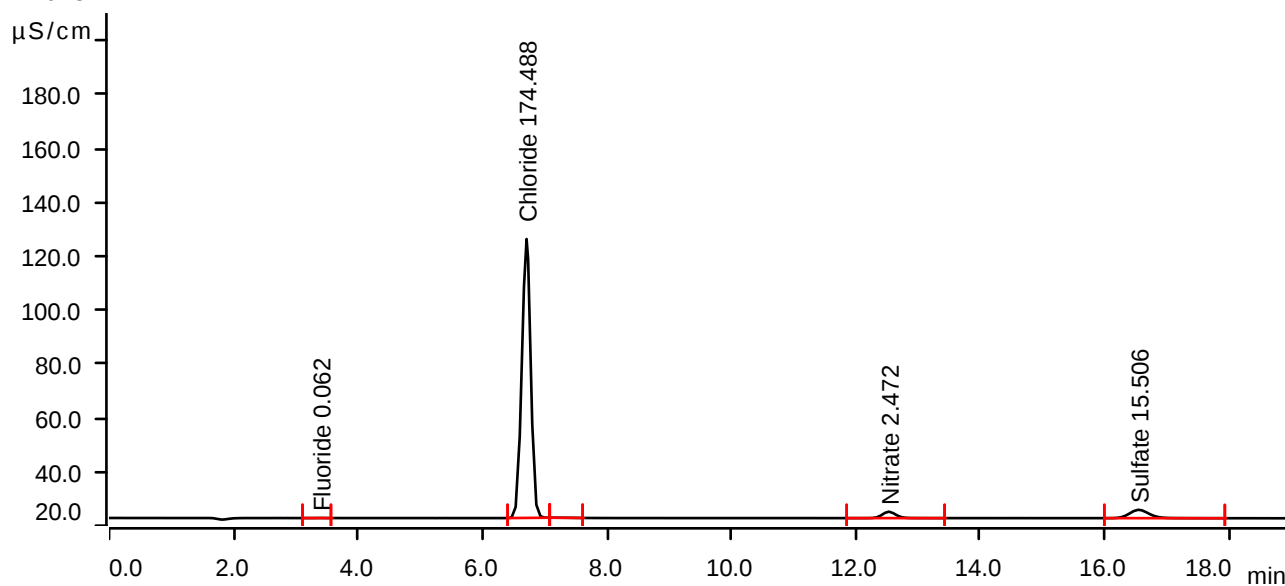
Sample data

Ident P2561-03
Sample type Sample
Determination start 2024-05-21 17:32:15 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.87 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.397	0.0033	0.027	0.062	Fluoride
2	6.710	17.1579	103.462	174.488	Chloride
3	7.192	0.0093	0.030	invalid	
4	12.530	0.5990	2.375	2.472	Nitrate
5	16.545	1.1374	3.102	15.506	Sulfate

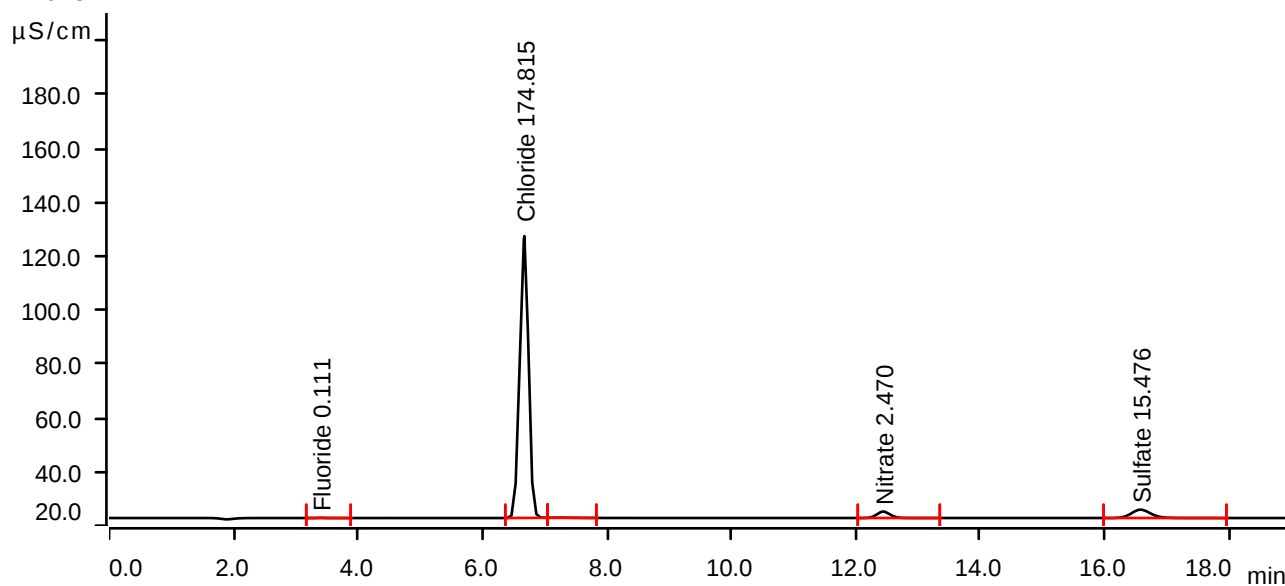
Sample data

Ident P2561-05
Sample type Sample
Determination start 2024-05-21 17:53:45 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.75 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.397	0.0105	0.080	0.111	Fluoride
2	6.675	17.1901	104.532	174.815	Chloride
3	7.253	0.0210	0.058	invalid	
4	12.440	0.5984	2.404	2.470	Nitrate
5	16.577	1.1351	3.118	15.476	Sulfate

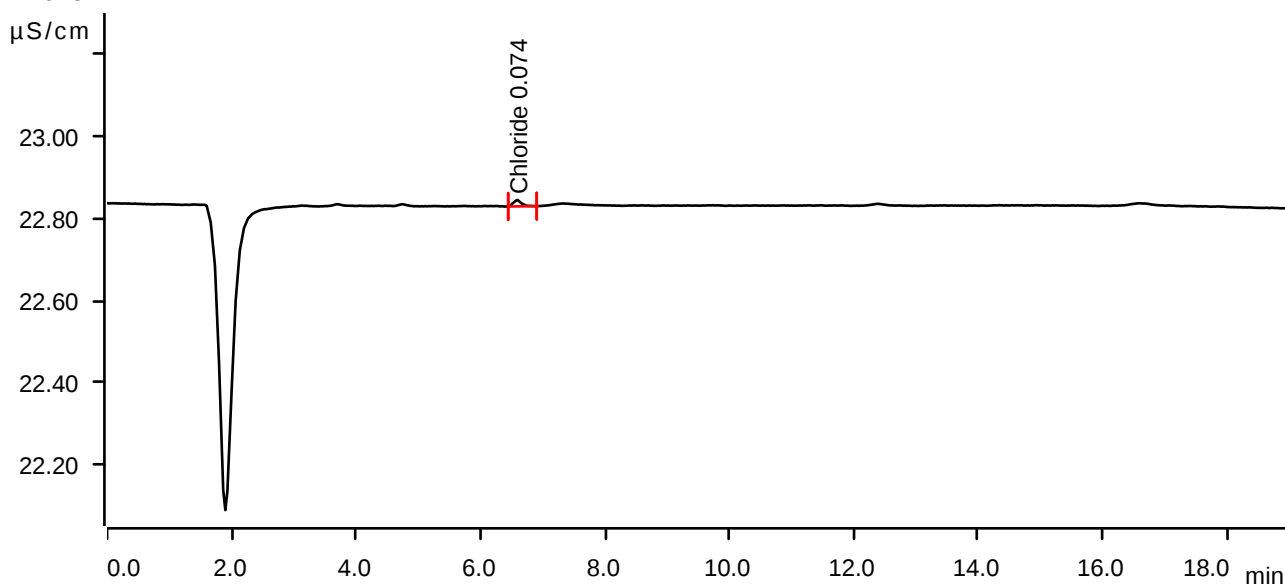
Sample data

Ident P2562-01
 Sample type Sample
 Determination start 2024-05-21 18:15:14 UTC-4
 Method IC1-051324
 Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
 Channel Conductivity
 Recording time 19.0 min
 Integration Automatically
 Column type Metrosep A Supp 19 - 150/4.0
 Eluent composition not defined
 Flow 0.700 mL/min
 Maximum flow monitored yes
 Pressure 10.59 MPa
 Maximum pressure monitored yes
 Temperature ---- °C

Anions



Peak number	Retention time	Area	Height	Concentration	Component name
	min	(µS/cm) x min	µS/cm	ppm	
1	6.588	0.0024	0.016	0.074	Chloride

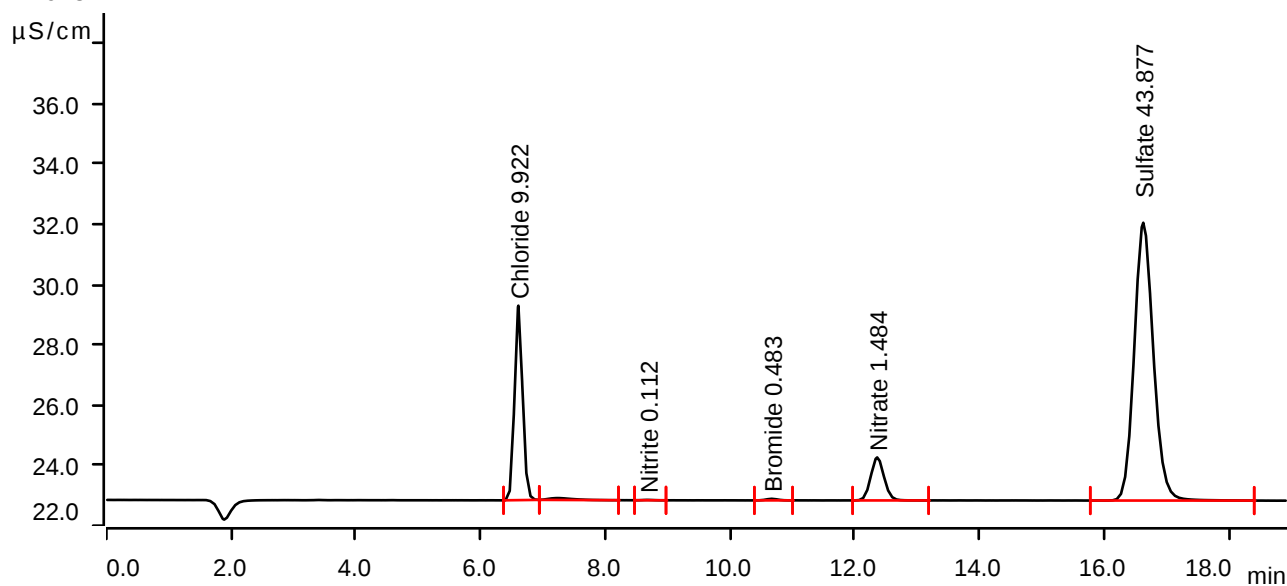
Sample data

Ident P2562-03
Sample type Sample
Determination start 2024-05-21 18:36:43 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.53 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.607	0.9711	6.454	9.922	Chloride
2	7.223	0.0276	0.062	invalid	
3	8.682	0.0025	0.013	0.112	Nitrite
4	10.668	0.0112	0.052	0.483	Bromide
5	12.358	0.3541	1.428	1.484	Nitrate
6	16.625	3.2915	9.222	43.877	Sulfate

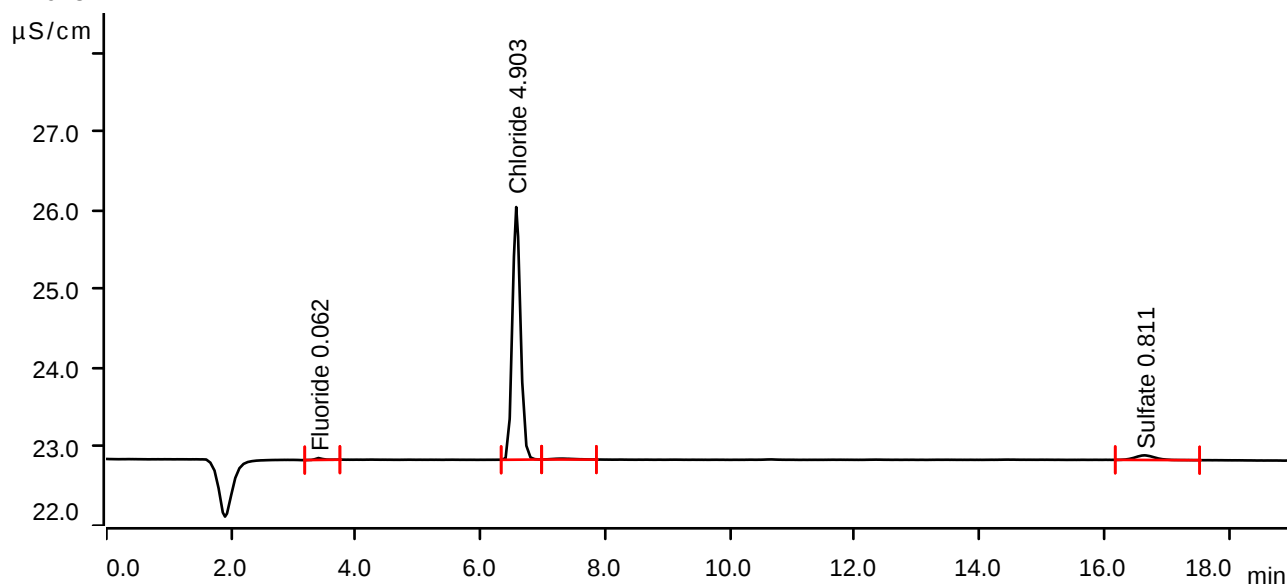
Sample data

Ident P2562-05
Sample type Sample
Determination start 2024-05-21 18:58:10 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.42 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.403	0.0034	0.024	0.062	Fluoride
2	6.572	0.4774	3.206	4.903	Chloride
3	7.310	0.0048	0.011	invalid	
4	16.643	0.0217	0.059	0.811	Sulfate

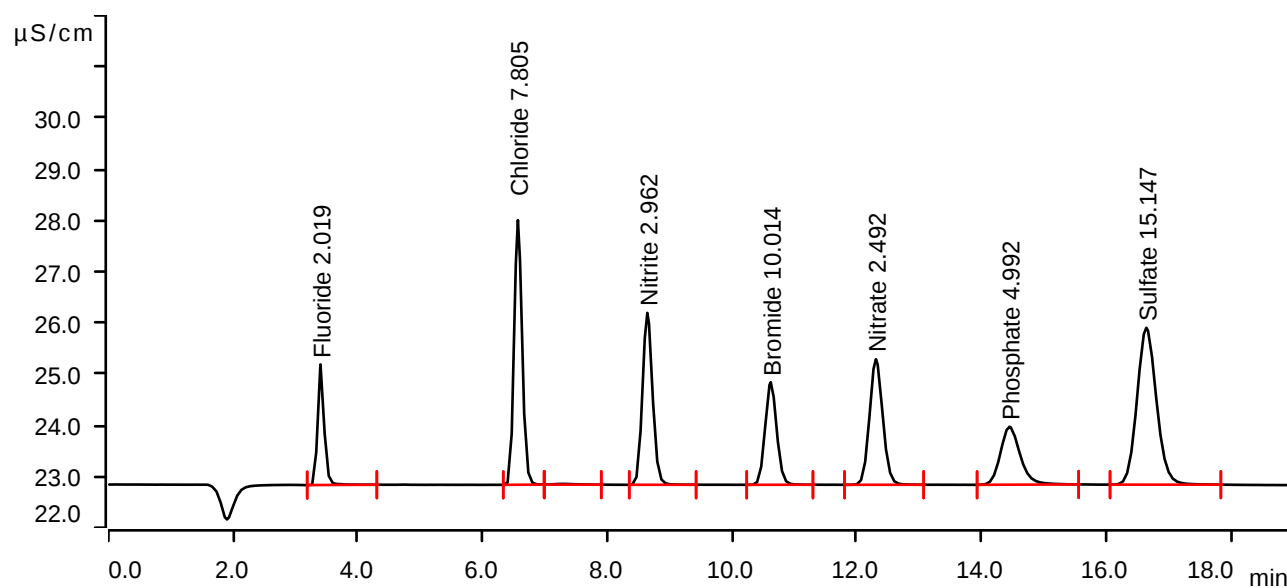
Sample data

Ident P2562-06MS
Sample type Sample
Determination start 2024-05-21 19:19:37 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.47 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.400	0.2882	2.354	2.019	Fluoride
2	6.567	0.7628	5.166	7.805	Chloride
3	7.280	0.0058	0.014	invalid	
4	8.642	0.6310	3.355	2.962	Nitrite
5	10.620	0.4306	2.003	10.014	Bromide
6	12.307	0.6040	2.452	2.492	Nitrate
7	14.448	0.4153	1.131	4.992	Phosphate
8	16.642	1.1102	3.062	15.147	Sulfate

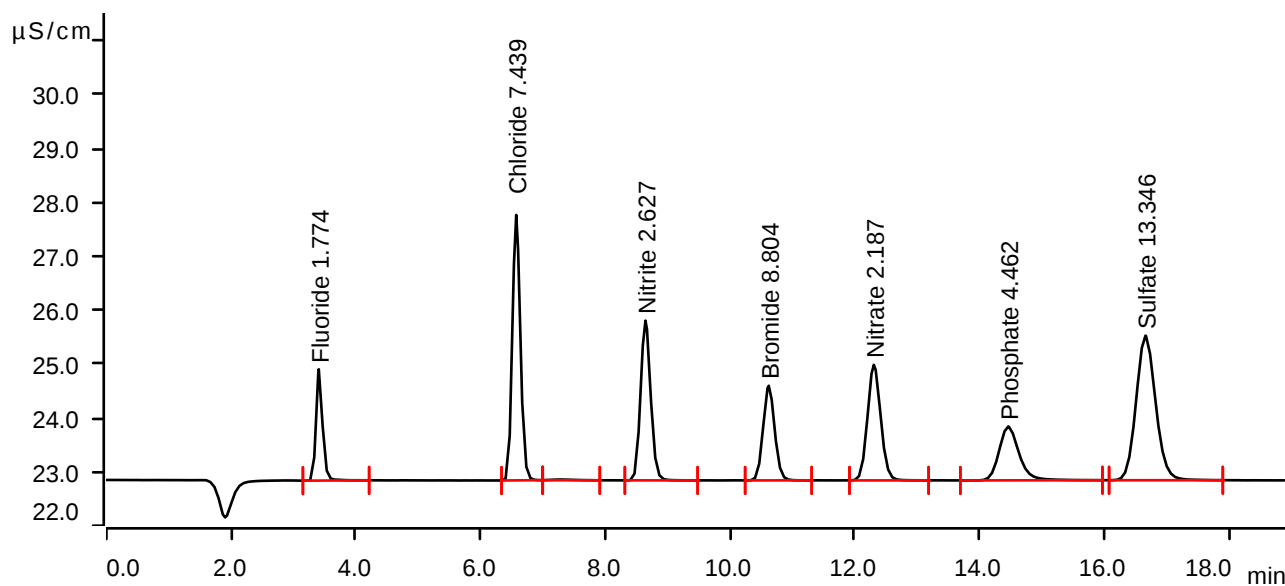
Sample data

Ident P2562-07MSD
Sample type Sample
Determination start 2024-05-21 19:41:04 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.36 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.407	0.2527	2.065	1.774	Fluoride
2	6.572	0.7269	4.922	7.439	Chloride
3	7.275	0.0053	0.013	invalid	
4	8.643	0.5571	2.963	2.627	Nitrite
5	10.620	0.3773	1.755	8.804	Bromide
6	12.305	0.5283	2.143	2.187	Nitrate
7	14.460	0.3700	0.999	4.462	Phosphate
8	16.660	0.9734	2.682	13.346	Sulfate

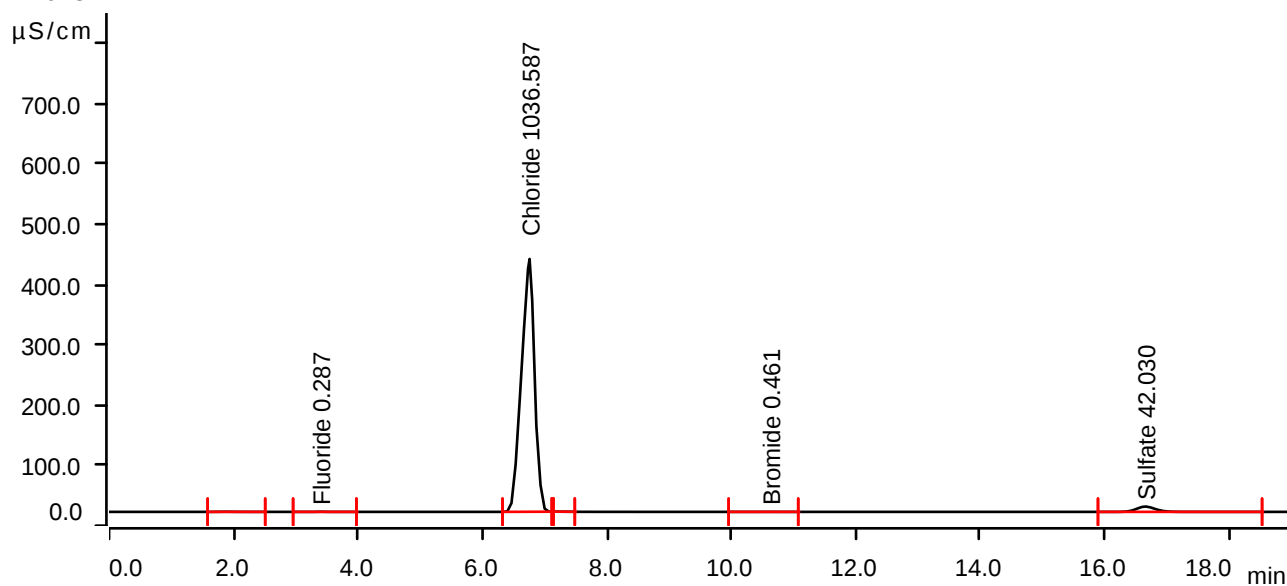
Sample data

Ident P2562-11
Sample type Sample
Determination start 2024-05-21 20:02:30 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.30 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.882	0.0726	0.268	invalid	
2	3.395	0.0361	0.278	0.287	Fluoride
3	6.758	101.9546	419.546	1036.587	Chloride
4	7.187	0.0086	0.039	invalid	
5	10.627	0.0103	0.044	0.461	Bromide
6	16.652	3.1513	8.839	42.030	Sulfate

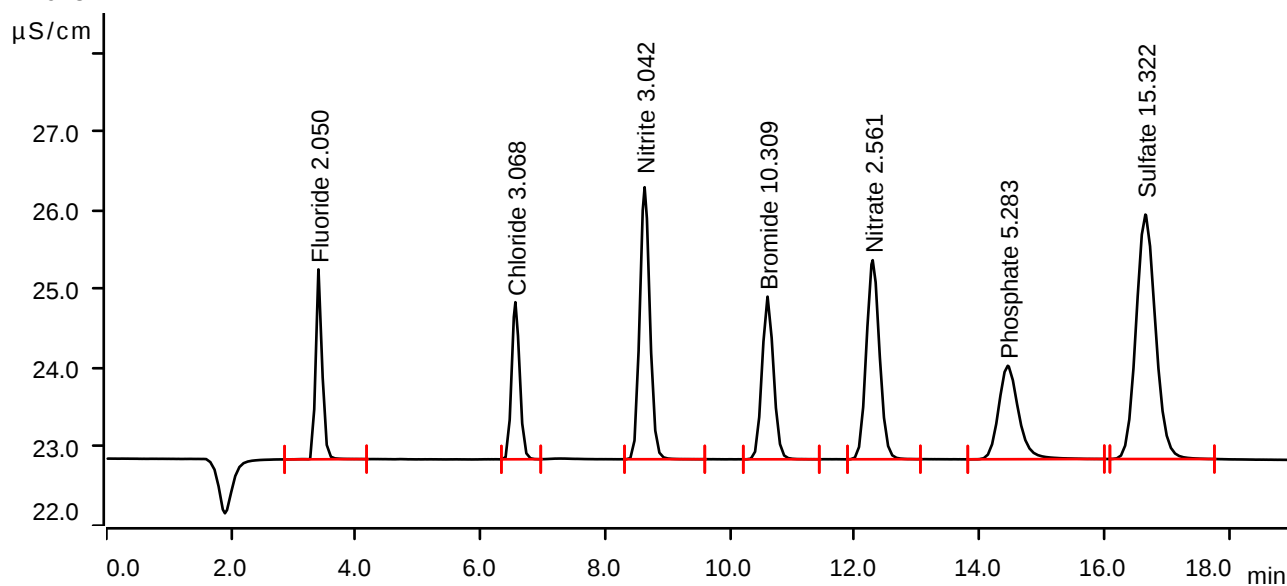
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-05-21 20:23:56 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.42 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.402	0.2929	2.410	2.050	Fluoride
2	6.558	0.2969	1.993	3.068	Chloride
3	8.630	0.6486	3.452	3.042	Nitrite
4	10.602	0.4436	2.064	10.309	Bromide
5	12.287	0.6210	2.526	2.561	Nitrate
6	14.452	0.4401	1.186	5.283	Phosphate
7	16.658	1.1235	3.102	15.322	Sulfate

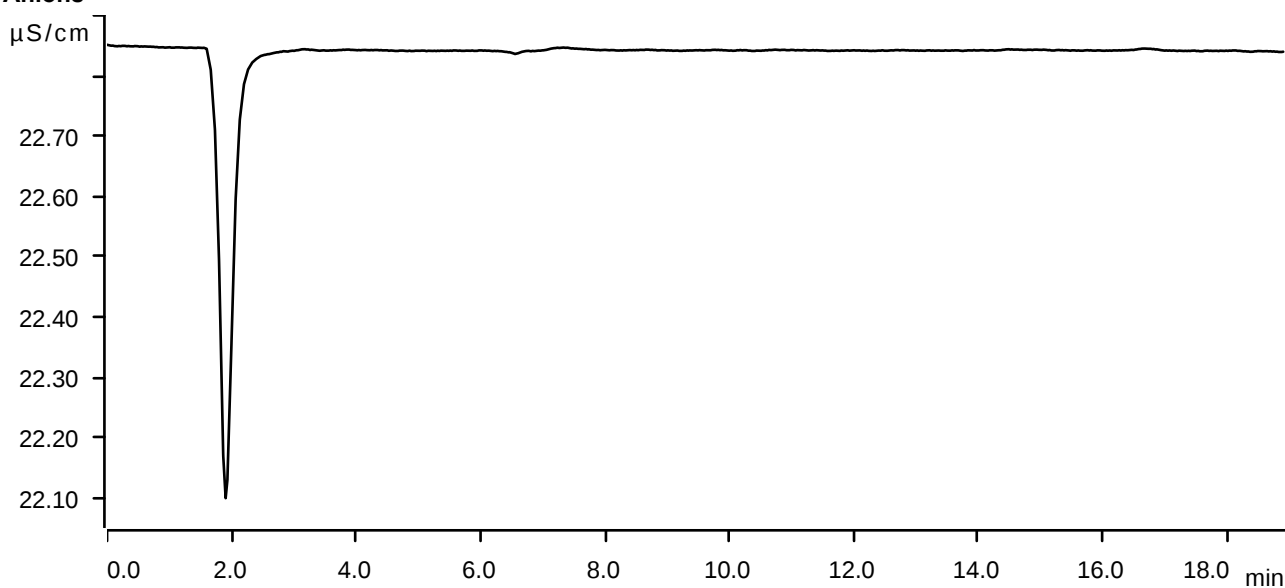
Sample data

Ident CCB
Sample type Sample
Determination start 2024-05-21 20:45:25 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.53 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



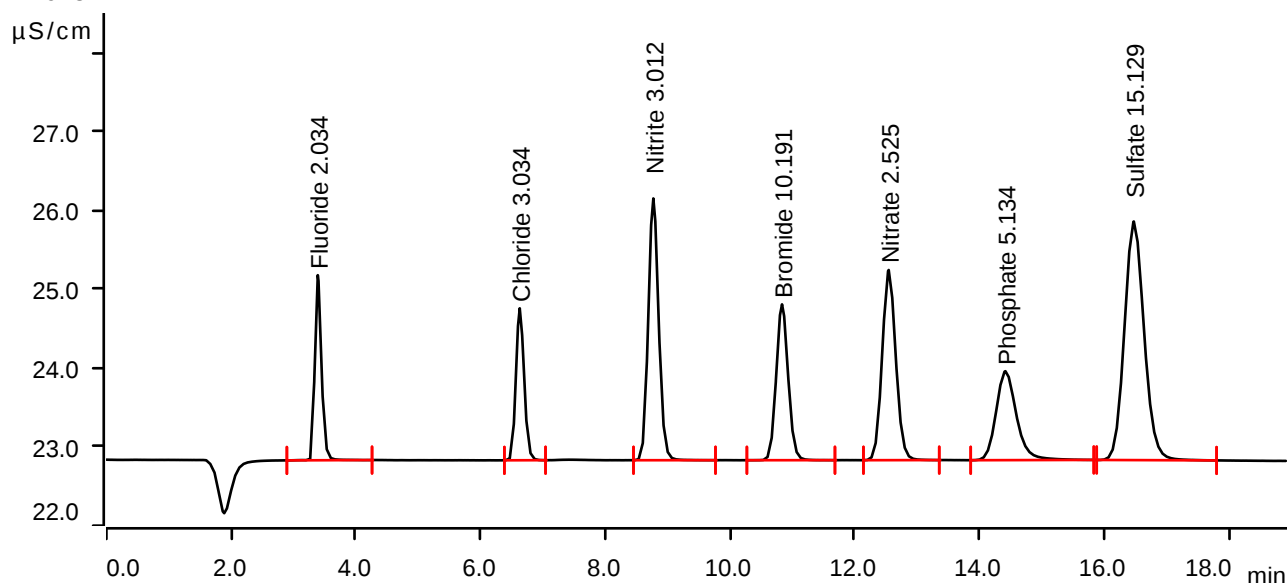
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-05-22 10:20:48 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.15 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.390	0.2905	2.349	2.034	Fluoride
2	6.628	0.2935	1.929	3.034	Chloride
3	8.770	0.6421	3.322	3.012	Nitrite
4	10.833	0.4384	1.978	10.191	Bromide
5	12.543	0.6120	2.413	2.525	Nitrate
6	14.415	0.4275	1.128	5.134	Phosphate
7	16.473	1.1088	3.028	15.129	Sulfate

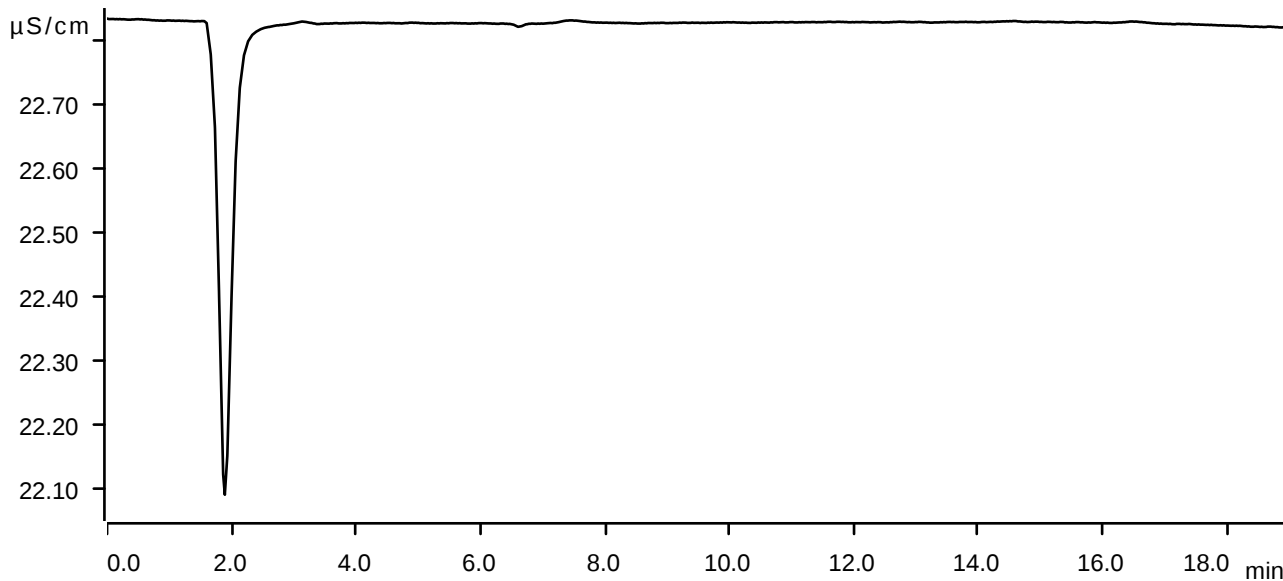
Sample data

Ident CCB
Sample type Sample
Determination start 2024-05-22 10:42:18 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.04 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



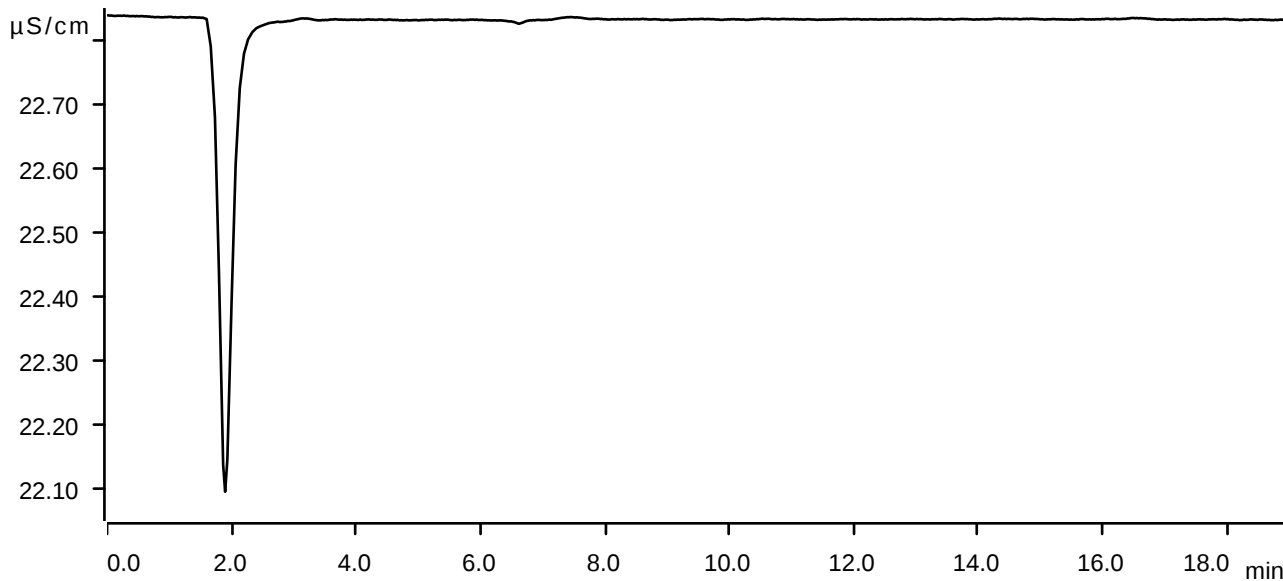
Sample data

Ident LB130847BLW2
Sample type Sample
Determination start 2024-05-22 11:03:48 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.98 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



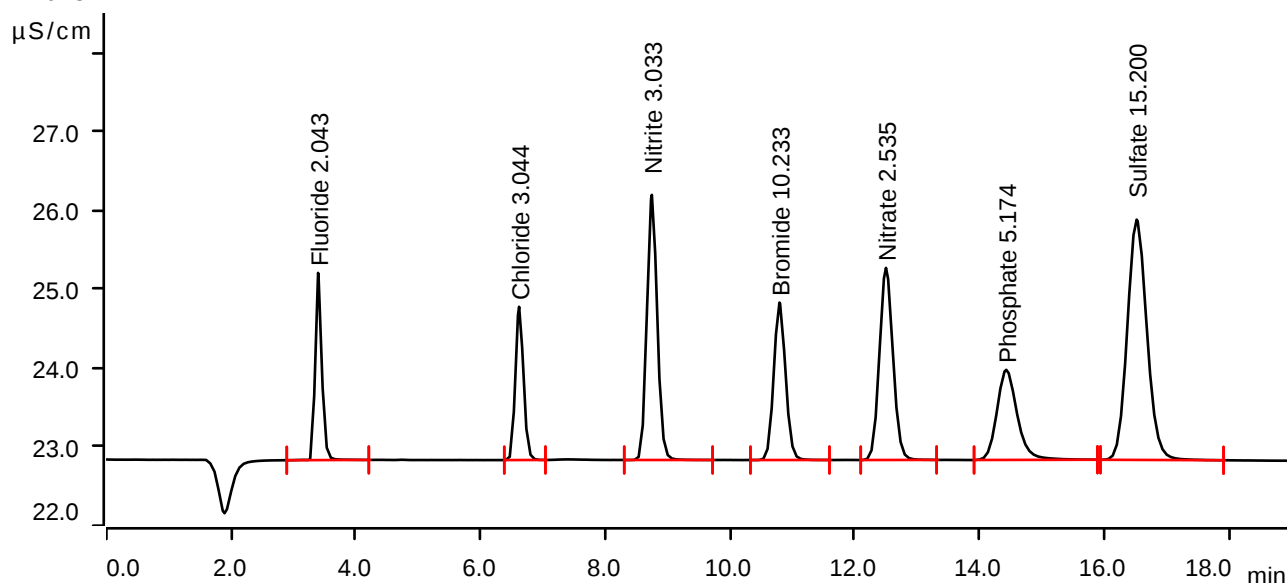
Sample data

Ident LB130847BSW2
Sample type Check standard 1
Determination start 2024-05-22 11:25:18 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.92 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.395	0.2919	2.376	2.043	Fluoride
2	6.618	0.2945	1.945	3.044	Chloride
3	8.747	0.6466	3.365	3.033	Nitrite
4	10.792	0.4402	1.998	10.233	Bromide
5	12.500	0.6145	2.438	2.535	Nitrate
6	14.428	0.4308	1.144	5.174	Phosphate
7	16.518	1.1142	3.049	15.200	Sulfate

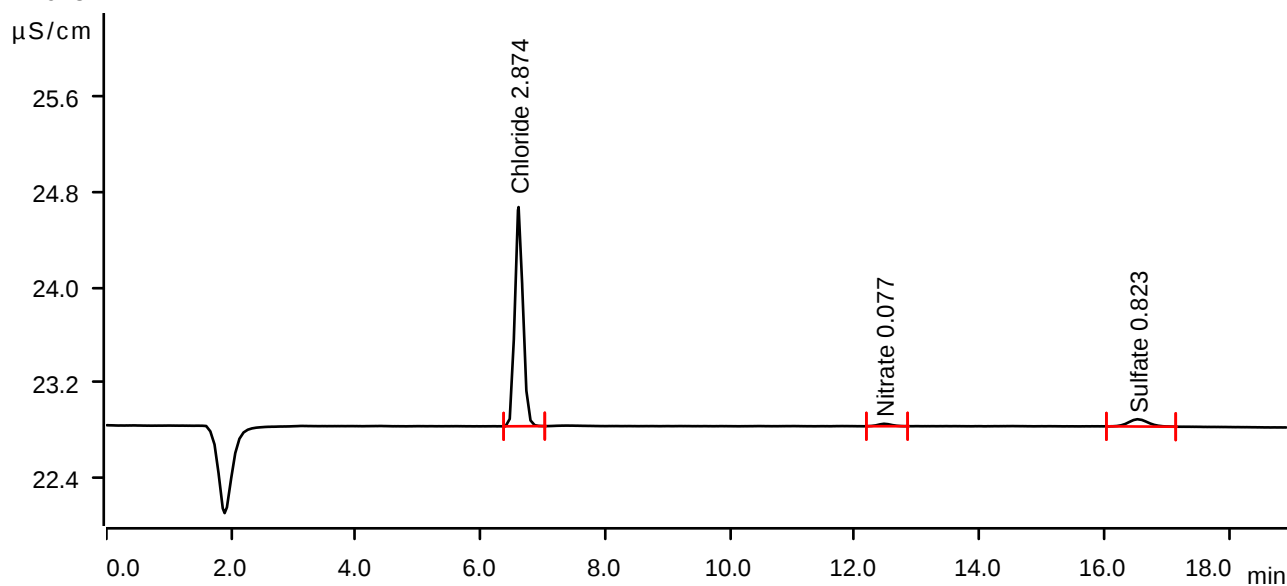
Sample data

Ident P2561-01DLX100
Sample type Sample
Determination start 2024-05-22 12:29:53 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.87 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.610	0.2778	1.840	2.874	Chloride
2	12.468	0.0052	0.021	0.077	Nitrate
3	16.530	0.0226	0.061	0.823	Sulfate

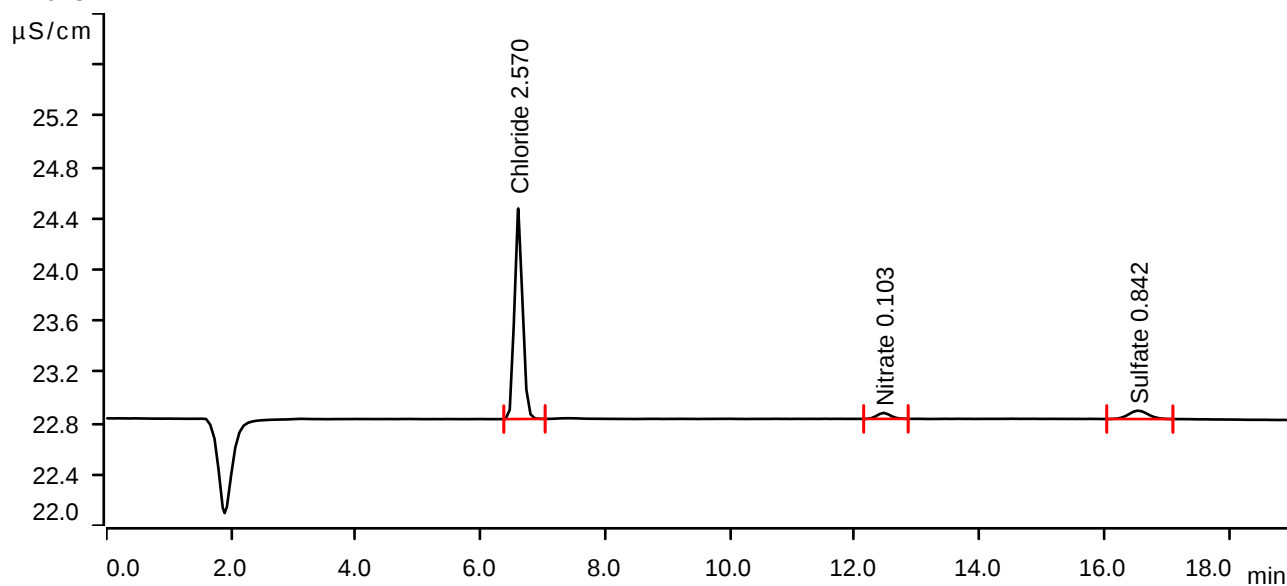
Sample data

Ident P2561-03DLX50
Sample type Sample
Determination start 2024-05-22 12:51:25 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.87 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.605	0.2479	1.644	2.570	Chloride
2	12.463	0.0119	0.047	0.103	Nitrate
3	16.535	0.0241	0.065	0.842	Sulfate

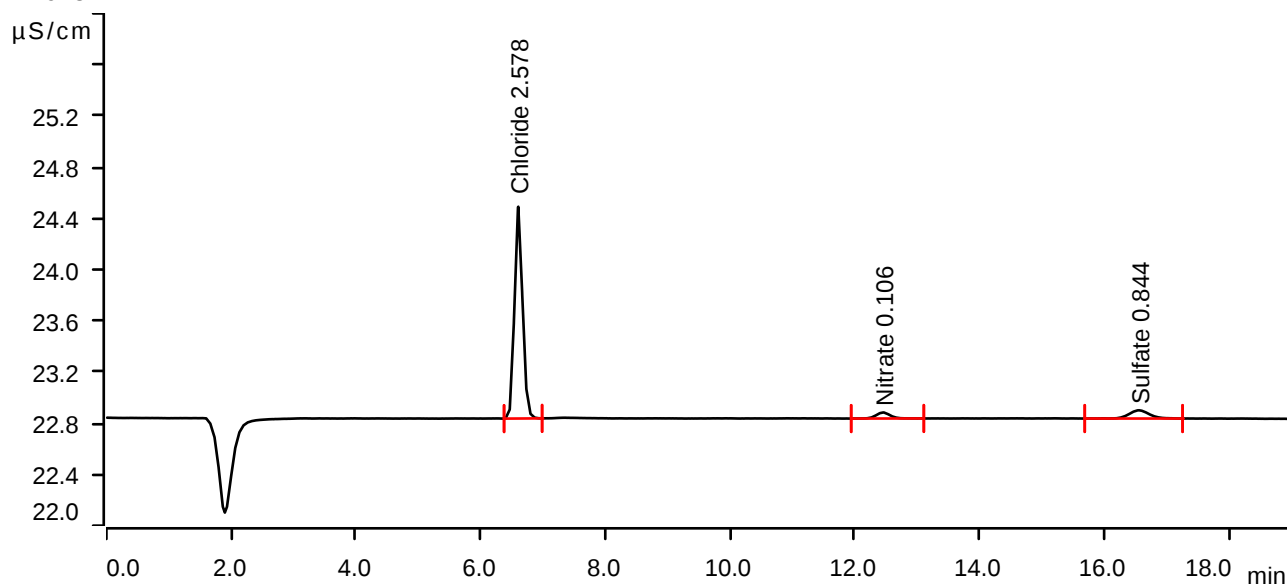
Sample data

Ident P2561-05DLX50
Sample type Sample
Determination start 2024-05-22 13:12:58 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.92 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.605	0.2487	1.654	2.578	Chloride
2	12.455	0.0125	0.047	0.106	Nitrate
3	16.558	0.0242	0.064	0.844	Sulfate

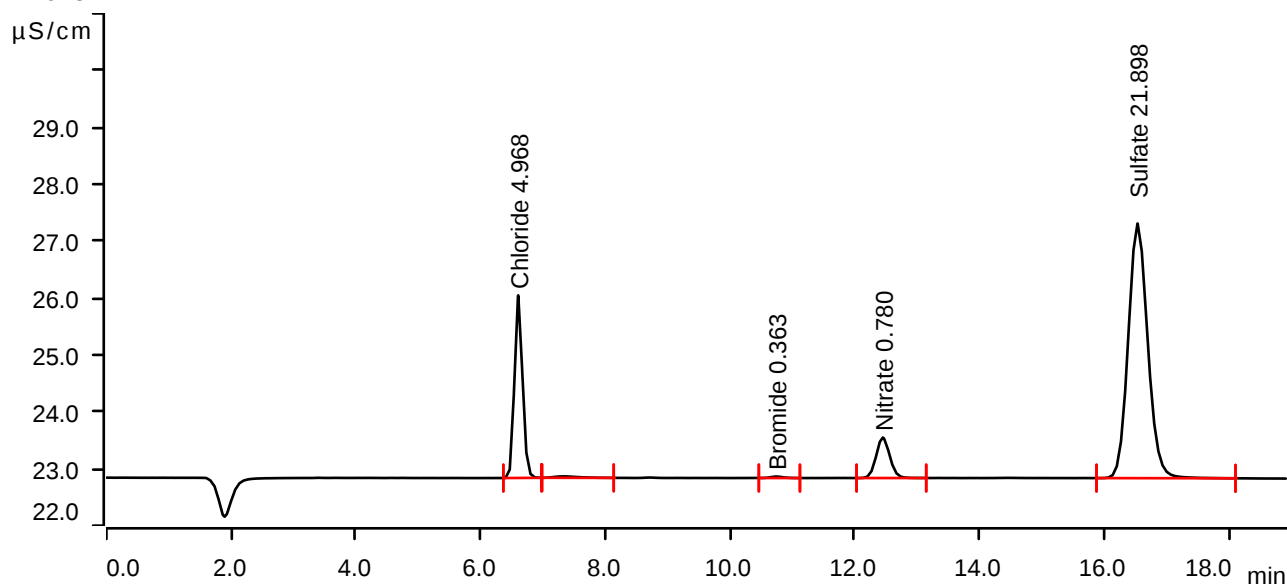
Sample data

Ident P2562-03DLX2
Sample type Sample
Determination start 2024-05-22 13:34:31 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.81 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.605	0.4838	3.209	4.968	Chloride
2	7.345	0.0113	0.025	invalid	
3	10.742	0.0060	0.026	0.363	Bromide
4	12.448	0.1796	0.712	0.780	Nitrate
5	16.532	1.6228	4.474	21.898	Sulfate

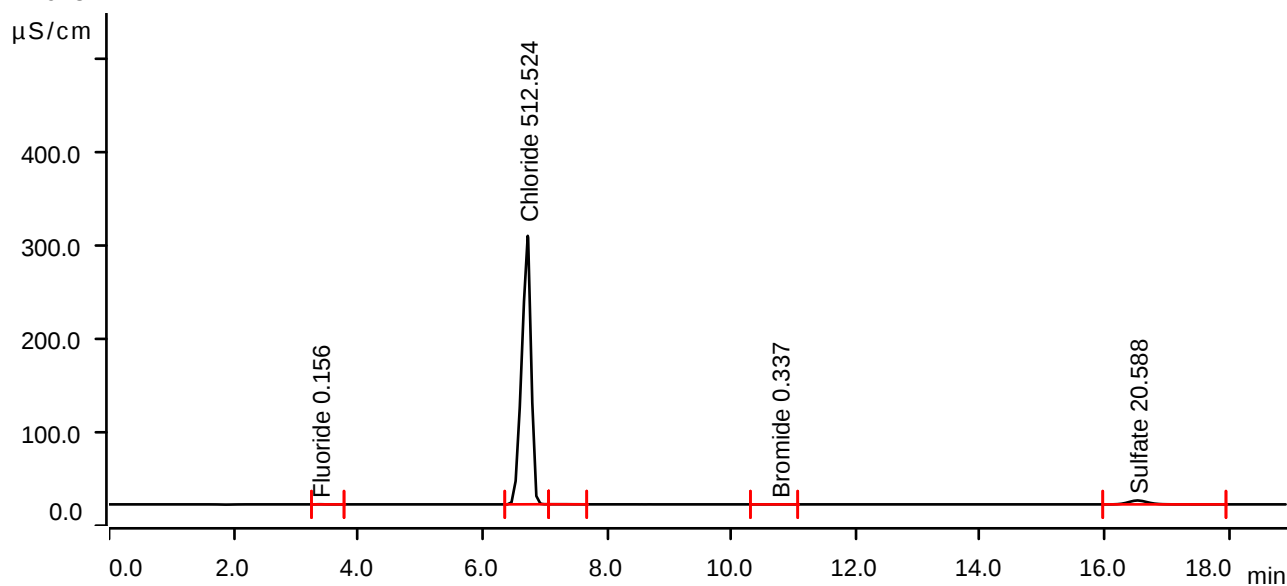
Sample data

Ident P2562-11DLX2
Sample type Sample
Determination start 2024-05-22 13:56:05 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.92 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.388	0.0170	0.140	0.156	Fluoride
2	6.728	50.4074	288.277	512.524	Chloride
3	7.212	0.0113	0.031	invalid	
4	10.772	0.0048	0.021	0.337	Bromide
5	16.527	1.5233	4.199	20.588	Sulfate

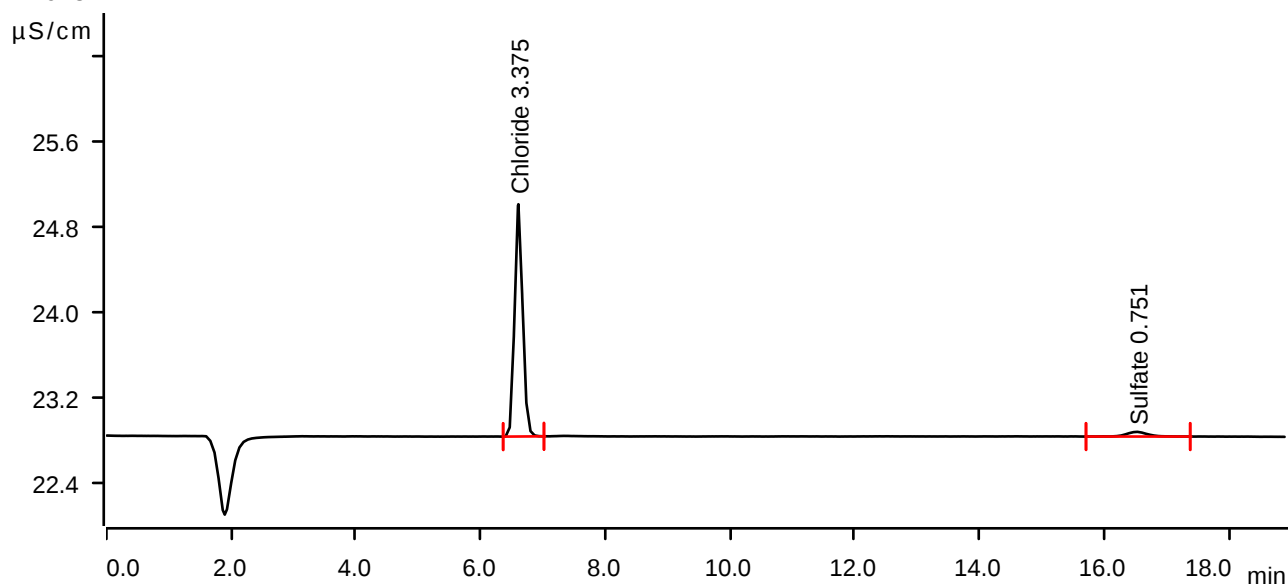
Sample data

Ident P2562-11DL2X200
Sample type Sample
Determination start 2024-05-22 14:17:39 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.98 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	6.607	0.3271	2.177	3.375	Chloride
2	16.530	0.0172	0.044	0.751	Sulfate

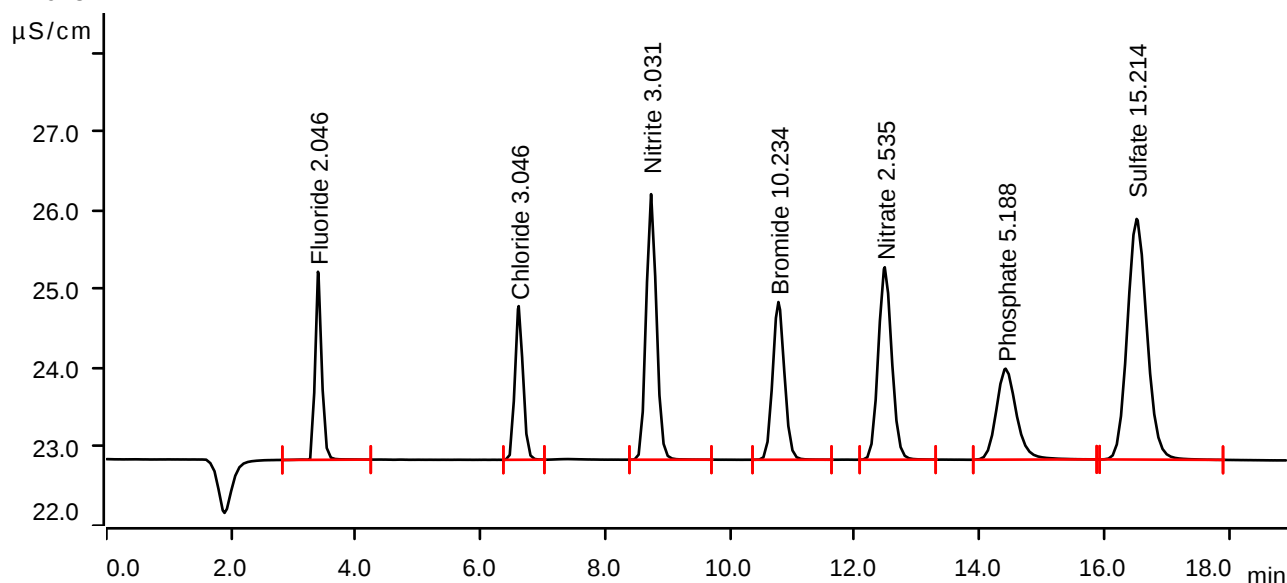
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-05-22 14:39:11 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 10.92 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.393	0.2922	2.387	2.046	Fluoride
2	6.612	0.2947	1.950	3.046	Chloride
3	8.735	0.6463	3.369	3.031	Nitrite
4	10.775	0.4402	2.002	10.234	Bromide
5	12.480	0.6146	2.442	2.535	Nitrate
6	14.418	0.4321	1.154	5.188	Phosphate
7	16.518	1.1153	3.054	15.214	Sulfate

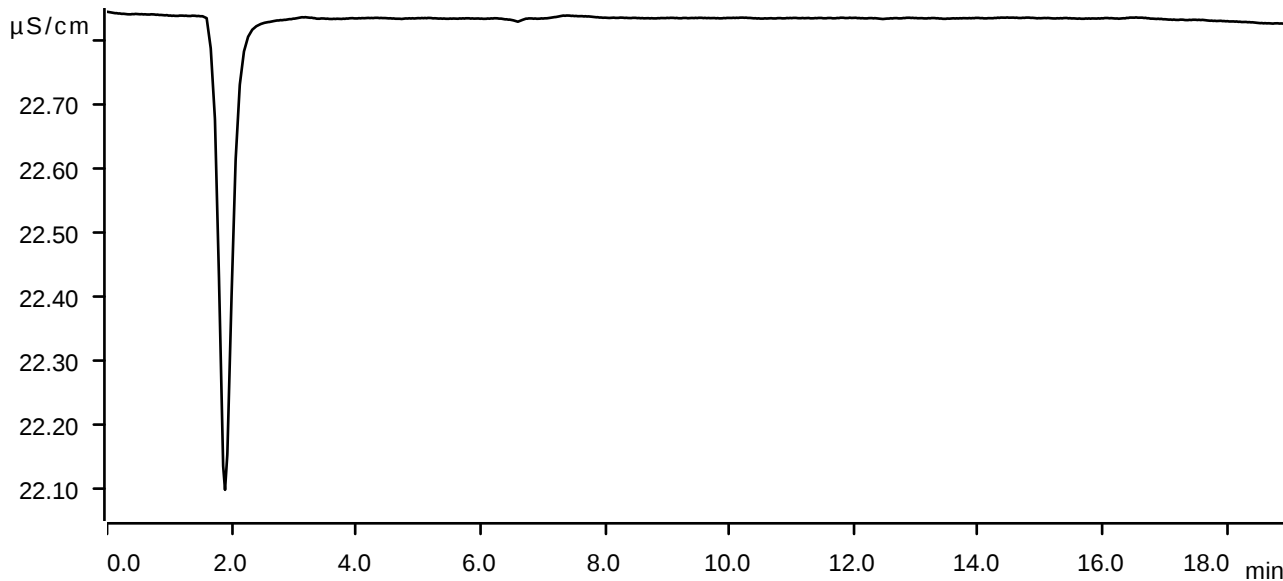
Sample data

Ident CCB
Sample type Sample
Determination start 2024-05-22 15:00:41 UTC-4
Method IC1-051324
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.04 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



WORKLIST(Hardcopy Internal Chain)

LR130847

WorkList Name : ANIONS WATER-05212C

WorkList ID : 180383

Department : Wet-Chemistry

Date : 05-21-2024 09:02:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2538-04	A852	Water	Anions Group1	Cool 4 deg C	PSEG03	K31	05/20/2024	300.0

Date/Time 05/21/24 10:20
Raw Sample Received by: 12 (SC)
Raw Sample Relinquished by: 18 (SC)

Date/Time 05/21/24 11:30
Raw Sample Received by: 18 (SC)
Raw Sample Relinquished by: 12 (SC)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : ANIONS-05212024

WorkList ID : 180399

Department : Wet-Chemistry

Date : 05-21-2024 14:43:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2563-03	OILY-WATER	Water	Anions Group1	Cool 4 deg C	PSEG03	K21	05/21/2024	300.0

Date/Time 05/21/24 14:45
Raw Sample Received by: 126029
Raw Sample Relinquished by: 126029

Date/Time 05/21/24 15:10
Raw Sample Received by: 126029
Raw Sample Relinquished by: 126029

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Anions-052124

WorkList ID : 180491

Department : Wet-Chemistry

Date : 05-21-2024 15:46:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2561-01	SY-2R	Water	Anions Group1	Cool 4 deg C	LOCK01	K31	05/21/2024	300.0
P2561-03	SY-2D	Water	Anions Group1	Cool 4 deg C	LOCK01	K31	05/21/2024	300.0
P2561-05	SY-7	Water	Anions Group1	Cool 4 deg C	LOCK01	K31	05/21/2024	300.0
P2562-01	FIELD-BLANK	Water	Anions Group1	Cool 4 deg C	LOCK01	K21	05/20/2024	300.0
P2562-03	SY-6	Water	Anions Group1	Cool 4 deg C	LOCK01	K21	05/20/2024	300.0
P2562-05	SY-3DD	Water	Anions Group1	Cool 4 deg C	LOCK01	K21	05/20/2024	300.0
P2562-06	P2562-05MS	Water	Anions Group1	Cool 4 deg C	LOCK01	K21	05/20/2024	300.0
P2562-07	P2562-05MSD	Water	Anions Group1	Cool 4 deg C	LOCK01	K21	05/20/2024	300.0
P2562-11	SY-3D	Water	Anions Group1	Cool 4 deg C	LOCK01	K21	05/20/2024	300.0

Date/Time 05/21/24 16:55
Raw Sample Received by: 12(50)
Raw Sample Relinquished by: 12(50)

Date/Time 05/21/24 17:10
Raw Sample Received by: 12(50)
Raw Sample Relinquished by: 12(50)