

April 12, 2011

Analytical Report for Service Request No: K1100661

Melissa Kleven  
Exponent  
15375 Southeast 30th Place, Suite 250  
Bellevue, WA 98007

**RE: Heglar Kronquist/0907194.000.0901**

Dear Melissa:

Enclosed is the additional report for the samples submitted to our laboratory on January 25, 2011. For your reference, these analyses have been assigned our service request number K1100661.

The analytical result for the refiltering and reanalysis of MW-4 is included. Per your request, the analysis was performed past holding time for this test.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at [www.caslab.com](http://www.caslab.com). All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3266. You may also contact me via Email at [MShelton@caslab.com](mailto:MShelton@caslab.com).

Respectfully submitted,

**Columbia Analytical Services, Inc.**

Mike Shelton  
Project Chemist

MS/cb

Page 1 of 47**REVISED****3:07 pm, Apr 12, 2011**

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

**Client:** Exponent  
**Project:** Heglar Kronquist/0907194.000.0901  
**Sample Matrix:** Water

**Service Request:** K1100661  
**Date Collected:** 1/24/2011  
**Date Received:** 1/25/2011

Dissolved Chloride

Prep Method: NONE  
Analysis Method: 300.0  
Test Notes:

Units: mg/L (ppm)  
Basis: NA

Sample Name	Lab Code	MRL	MDL	Dilution Factor	Date Analyzed	Result	Result Notes
MW-4	K1100661-003	20	1	100	4/6/2011	433	X
Method Blank	K1100661-MB	0.20	0.03	1	4/6/2011	ND	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

**Client:** Exponent  
**Project:** Heglar Kronquist/0907194.000.0901  
**Sample Matrix:** Water

**Service Request:** K1100661  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** NA  
**Date Analyzed:** 4/6/2011

Duplicate Summary  
Inorganic Parameters

**Sample Name:** Batch QC  
**Lab Code:** K1102922-001DUP  
**Test Notes:**

**Units:** mg/L (ppm)  
**Basis:** NA

Analyte	Prep Method	Analysis Method	MRL	Sample Result	Duplicate Sample Result	Average	Relative Percent Difference	Result Notes
Chloride	NONE	300.0	0.40	0.42	0.42	0.42	< 1	

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** Exponent  
**Project:** Heglar Kronquist/0907194.000.0901  
**Sample Matrix:** Water

**Service Request:** K1100661  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** NA  
**Date Analyzed:** 4/6/2011

Matrix Spike Summary  
 Inorganic Parameters

Sample Name: Batch QC Units: mg/L (ppm)  
 Lab Code: K1102922-001MS Basis: NA  
 Test Notes:

Analyte	Prep Method	Analysis Method	MRL	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery	CAS	Result Notes
								Percent Recovery	
Chloride	NONE	300.0	0.40	4.00	0.42	4.02	90	80-120	

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** Exponent  
**Project:** Heglar Kronquist/0907194.000.0901  
**LCS Matrix:** Water

**Service Request:** K1100661  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** NA  
**Date Analyzed:** 4/6/2011

Laboratory Control Sample Summary  
 Inorganic Parameters

**Sample Name:** Lab Control Sample  
**Lab Code:** K1100661-LCS  
**Test Notes:**

**Units:** mg/L (ppm)  
**Basis:** NA

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS	Result Notes
						Percent Recovery Acceptance Limits	
Chloride	NONE	300.0	5.00	4.74	95	90-110	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

**Client:** Exponent  
**Project:** Heglar Kronquist/0907194.000.0901

**Service Request:** K1100661  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 4/6/2011

Dissolved Chloride  
EPA Method 300.0  
Units: mg/L (ppm)

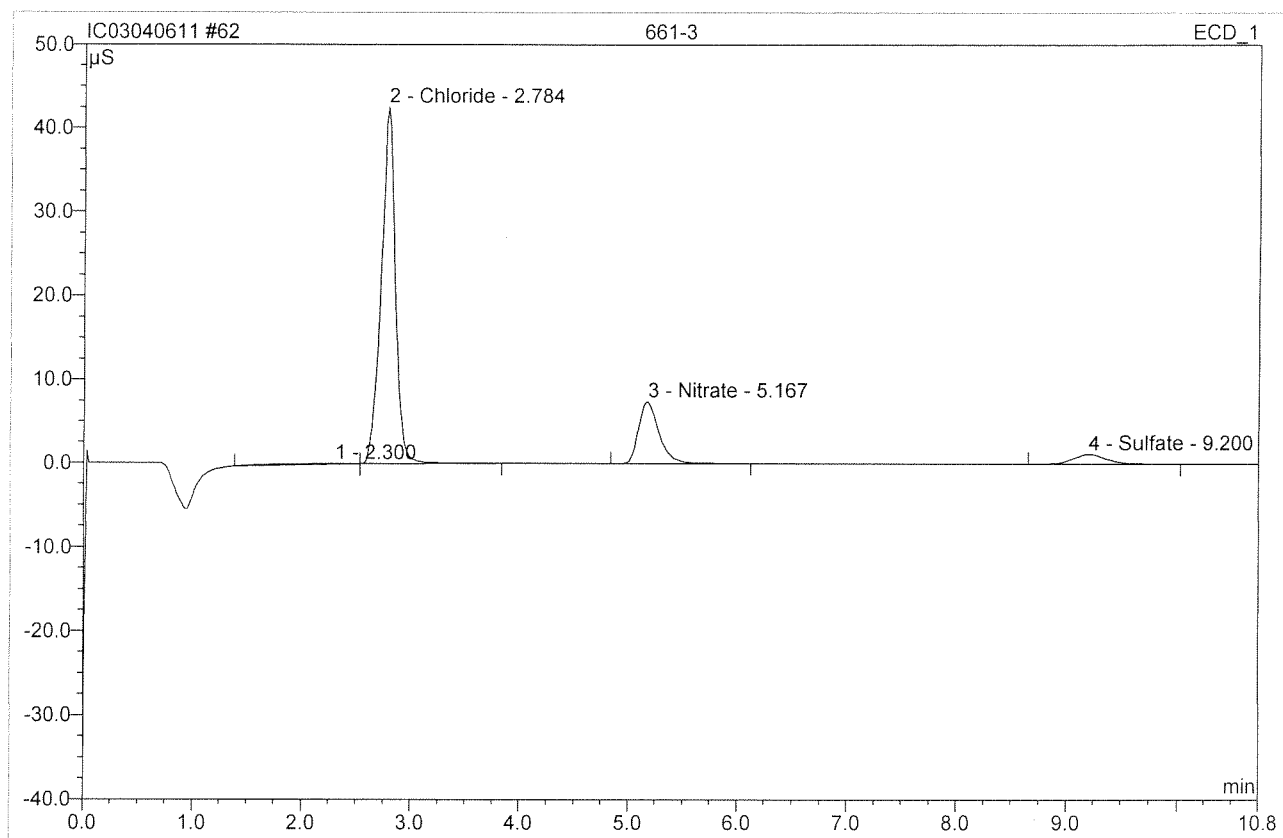
**CONTINUING CALIBRATION VERIFICATION (CCV)**

	True Value	Measured Value	Percent Recovery
CCV 1 Result	5.00	4.76	95
CCV 2 Result	5.00	4.76	95
CCV 3 Result	5.00	4.78	96
CCV 4 Result	5.00	4.79	96
CCV 5 Result	5.00	4.77	95
CCV 6 Result	5.00	4.75	95

**CONTINUING CALIBRATION BLANK (CCB)**

	MRL	Blank Value
CCB 1 Result	0.20	ND
CCB 2 Result	0.20	ND
CCB 3 Result	0.20	ND
CCB 4 Result	0.20	ND
CCB 5 Result	0.20	ND
CCB 6 Result	0.20	ND

<b>62 661-3</b>			
<b>F</b>			
Sample Name:	<b>661-3</b>	Injection Volume:	<b>200.0</b>
Vial Number:	<b>73</b>	Channel:	<b>ECD_1</b>
Sample Type:	<b>unknown</b>	Wavelength:	<b>n.a.</b>
Control Program:	<b>epa300</b>	Bandwidth:	<b>n.a.</b>
Quantif. Method:	<b>epa300</b>	Dilution Factor:	<b>100.0000</b>
Recording Time:	<b>4/6/2011 19:56</b>	Sample Weight:	<b>1.0000</b>
Run Time (min):	<b>10.75</b>	Sample Amount:	<b>1.0000</b>



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	2.30	n.a.	0.076	0.098	1.14	n.a.	BMB
2	2.78	Chloride	42.613	6.489	75.14	432.918	bMB
3	5.17	Nitrate	7.355	1.621	18.78	43.755	BMB
4	9.20	Sulfate	1.175	0.427	4.94	43.910	BMB
<b>Total:</b>			51.219	8.636	100.00	520.583	

Sequence # 1003010611

Ion Chromatography Data Quality Report  
Inorganics

Run # 241457

- 1. Holding times met for all samples analyzed? yes/no/NA
- 2. Are dilutions within upper limits of the curve? yes/no/NA
- 3. Are analysis/extraction stickers included on report? yes/no/NA
- 4. Are detection limits reported correctly? yes/no/NA
- 5. Are all quality control criteria met?
  - a. Method Blanks, CCV's, CCB's, LCS's, Dups, and Spikes analyzed at the proper frequency? yes/no/NA
  - b. Are CCV's and CCB's all within acceptance limits? yes/no/NA
  - c. Are results for Method Blanks all ND? yes/no/NA
  - d. Are all QC samples within acceptance criteria? (LCS% rec, MS% rec, Duplicate RPD's, etc.) yes/no/NA
  - e. Are all exceptions explained? yes/no/NA
- 6. Are all samples labelled correctly? yes/no/NA

CAS Standard Identification Codes and Abbreviated Footnotes for Chromatograms

- G1 Sample was analyzed past the end of recommended holding time. See Nonconformity sheet.
- G2 Sample was reanalyzed past holding time. Initial analysis was performed within recommended holding time.
- G4 Sample was received past the end of recommended holding time.
- R1 High RPD is because the duplicate sample results are less than three times the method reporting limit.
- i MRL is elevated because of matrix interferences and the sample required diluting.
- F Sample filtered primary to analysis.

LCS

Fluoride	True Value = 11.0 ppm	CAS ID # = <u>AN1-34-K</u>	Expires: <u>9.3.11</u>
Chloride	True Value = 5.0ppm	CAS ID # = <u>ERA#0121-11-01</u>	Expires: <u>7.25.11</u>
Nitrite	True Value = 100 ppm	CAS ID # = <u>AN11-35-0</u>	Expires: <u>4.6.11</u>
Bromide	True Value = 4.0 ppm	CAS ID # = <u>AN1-33-Z</u>	Expires: <u>-</u>
Nitrate	True Value = 15.2 ppm	CAS ID # = <u>AN1-34-F</u>	Expires: <u>7.28.11</u>
Sulfate	True Value = 5.0 ppm	CAS ID # = <u>ERA#0121-11-01</u>	Expires: <u>7.25.11</u>

CCV

Fluoride	True Value = 5.0 ppm	CAS ID # = <u>AN11-87-N</u>	Expires <u>4.6.11</u>
Chloride	True Value = 5.0 ppm	10K CAS ID # = <u>AN1-33-DD</u>	Expires: <u>4.28.11</u>
Nitrite	True Value = 2.0 ppm	10K CAS ID # = <u>AN1-34-H</u>	Expires: <u>8.7.11</u>
Bromide	True Value = 2.0 ppm	10K CAS ID # = <u>AN1-33-EE</u>	Expires: <u>4.28.11</u>
Nitrate	True Value = 2.0 ppm	10K CAS ID # = <u>AN1-34-E</u>	Expires: <u>-</u>
Sulfate	True Value = 5.0 ppm	10K CAS ID # = <u>AN1-34-G</u>	Expires: <u>7.28.11</u>
		10K CAS ID # = <u>AN1-34-I</u>	Expires: <u>8.7.11</u>

Spike

2.0ppm X dilution factor	CAS ID# = <u>AN11-77-W</u>	Expires <u>4.6.11</u>
Fluoride	10K CAS ID # = <u>AN1-33-DD</u>	Expires: <u>CCV</u>
Chloride	10K CAS ID # = <u>AN1-34-H</u>	Expires: <u>↓</u>
Nitrite	10K CAS ID # = <u>AN1-33-EE</u>	Expires: <u>↓</u>
Bromide	10K CAS ID # = <u>AN1-33-U</u>	Expires: <u>↓</u>
Nitrate	10K CAS ID # = <u>AN1-34-G</u>	Expires: <u>↓</u>
Sulfate	10K CAS ID # = <u>AN1-34-I</u>	Expires: <u>↓</u>

Analyst: ab Date: 4.6.11

First Review: ↓ Date: 4.6/7.11

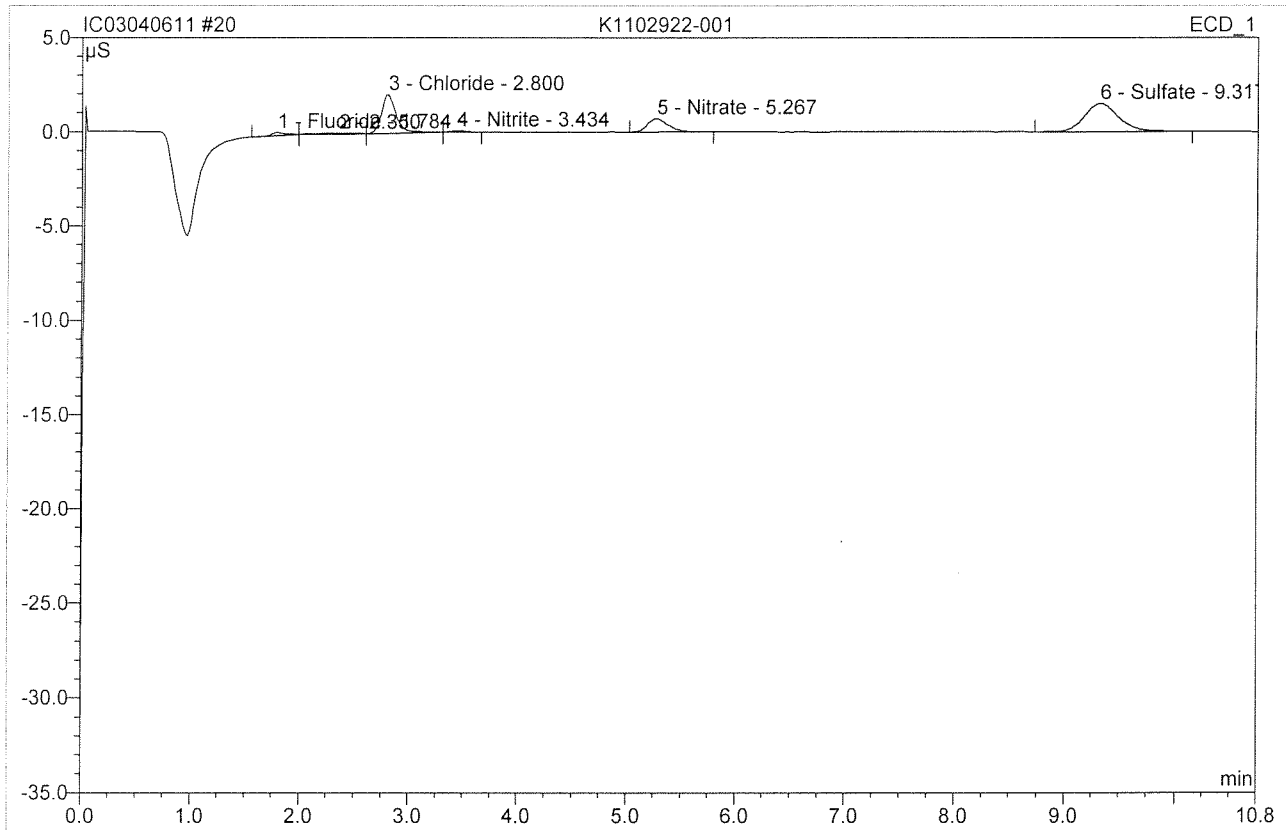
Final Review: u Date: 4/7/11

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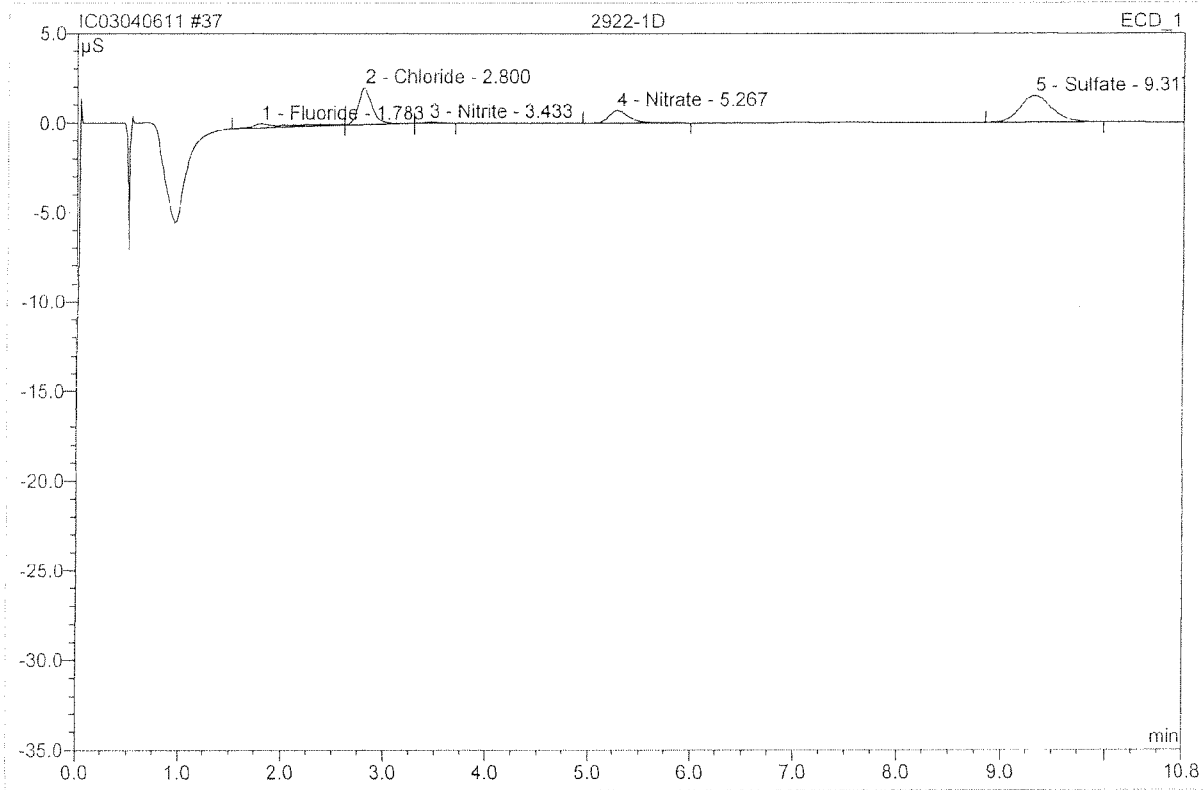
**20 K1102922-001**

Sample Name:	<b>K1102922-001</b>	Injection Volume:	<b>200.0</b>
Vial Number:	<b>31</b>	Channel:	<b>ECD_1</b>
Sample Type:	<b>unknown</b>	Wavelength:	<b>n.a.</b>
Control Program:	<b>epa300</b>	Bandwidth:	<b>n.a.</b>
Quantif. Method:	<b>epa300</b>	Dilution Factor:	<b>2.0000</b>
Recording Time:	<b>4/6/2011 10:41</b>	Sample Weight:	<b>1.0000</b>
Run Time (min):	<b>10.75</b>	Sample Amount:	<b>1.0000</b>



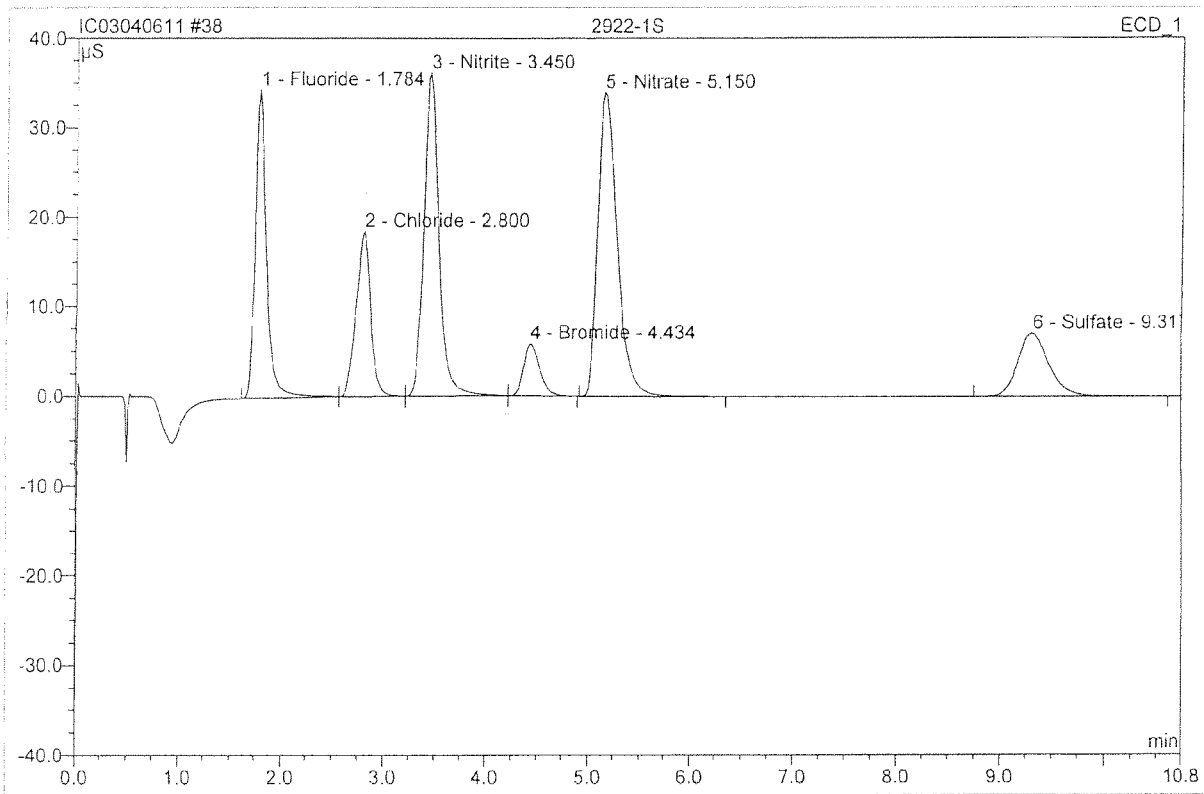
No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride $\times < 0.20$ RPD -	0.153	0.021	1.98	0.021	BMB
2	2.35	n.a.	0.036	0.015	1.37	n.a.	bMb
3	2.80	Chloride $\times = 0.45$ RPD $\times 1$	2.055	0.315	29.79	0.421	bMB
4	3.43	Nitrite $\times < 0.10$ RPD -	0.069	0.010	0.97	0.007	bMB
5	5.27	Nitrate $\downarrow$	0.691	0.154	14.58	0.083	BMB
6	9.32	Sulfate $\times = 1.11$ RPD = 2	1.495	0.543	51.31	1.118	BMB
<b>Total:</b>			4.500	1.059	100.00	1.650	

<b>37 2922-1D</b>			
<b>D</b>			
Sample Name:	2922-1D	Injection Volume:	200.0
Vial Number:	48	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	2.0000
Recording Time:	4/6/2011 14:25	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride	0.212	0.088	7.94	0.087	BMB
2	2.80	Chloride	2.039	0.316	28.38	0.421	bMb
3	3.43	Nitrite	0.075	0.012	1.07	0.008	bMB
4	5.27	Nitrate	0.693	0.164	14.72	0.088	BMB
5	9.32	Sulfate	1.491	0.533	47.89	1.096	BMB
<b>Total:</b>			4.511	1.113	100.00	1.702	

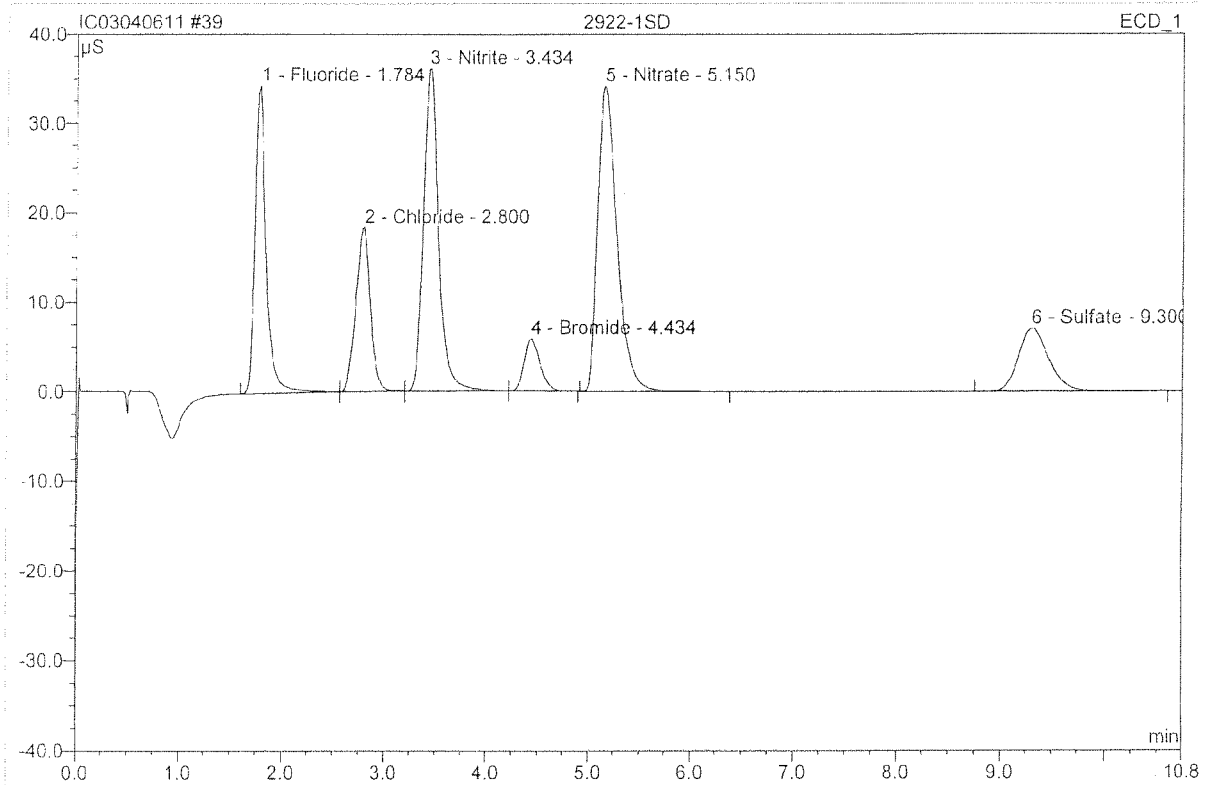
<b>38 2922-1S</b>			
<b>MS</b>			
Sample Name:	2922-1S	Injection Volume:	200.0
Vial Number:	49	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	2.0000
Recording Time:	4/6/2011 14:39	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride <i>REC=106</i>	34.378	4.280	17.59	4.240	BMb
2	2.80	Chloride <i>REC=90</i>	18.363	3.015	12.39	4.023	bMB
3	3.45	Nitrite <i>REC=108</i>	36.057	6.088	25.02	4.295	bMB
4	4.43	Bromide	5.792	1.060	4.36	3.980	bMB
5	5.15	Nitrate <i>REC=101</i>	33.897	7.462	30.67	4.028	BMB
6	9.32	Sulfate <i>REC=97</i>	6.993	2.425	9.97	4.988	BMB
<b>Total:</b>			135.480	24.329	100.00	25.554	

*SPK 101  
4/*

<b>39 2922-1SD</b>			
<b>MSD</b>			
Sample Name:	2922-1SD	Injection Volume:	200.0
Vial Number:	50	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	2.0000
Recording Time:	4/6/2011 14:52	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000

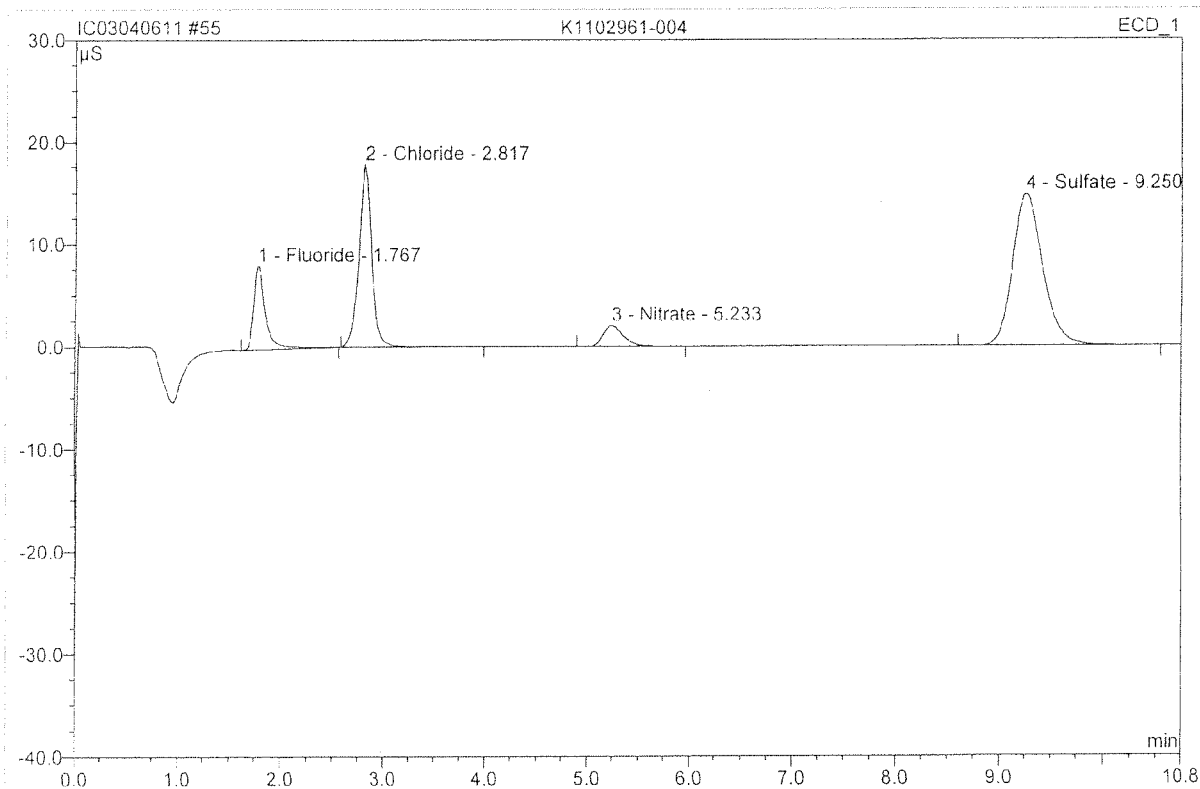


No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride <i>RCC=107</i>	34.434	4.315	17.57	4.275	BMB
2	2.80	Chloride <i>RCC=91</i>	18.339	3.044	12.39	4.061	bMb
3	3.43	Nitrite <i>RCC=109</i>	36.079	6.167	25.11	4.351	bMb
4	4.43	Bromide	5.846	1.068	4.35	4.010	bMB
5	5.15	Nitrate <i>RCC=102</i>	34.193	7.537	30.69	4.068	BMB
6	9.30	Sulfate <i>RCC=97</i>	7.066	2.430	9.90	5.000	BMB
<b>Total:</b>			135.958	24.560	100.00	25.764	

*spk 1/1  
2/1*

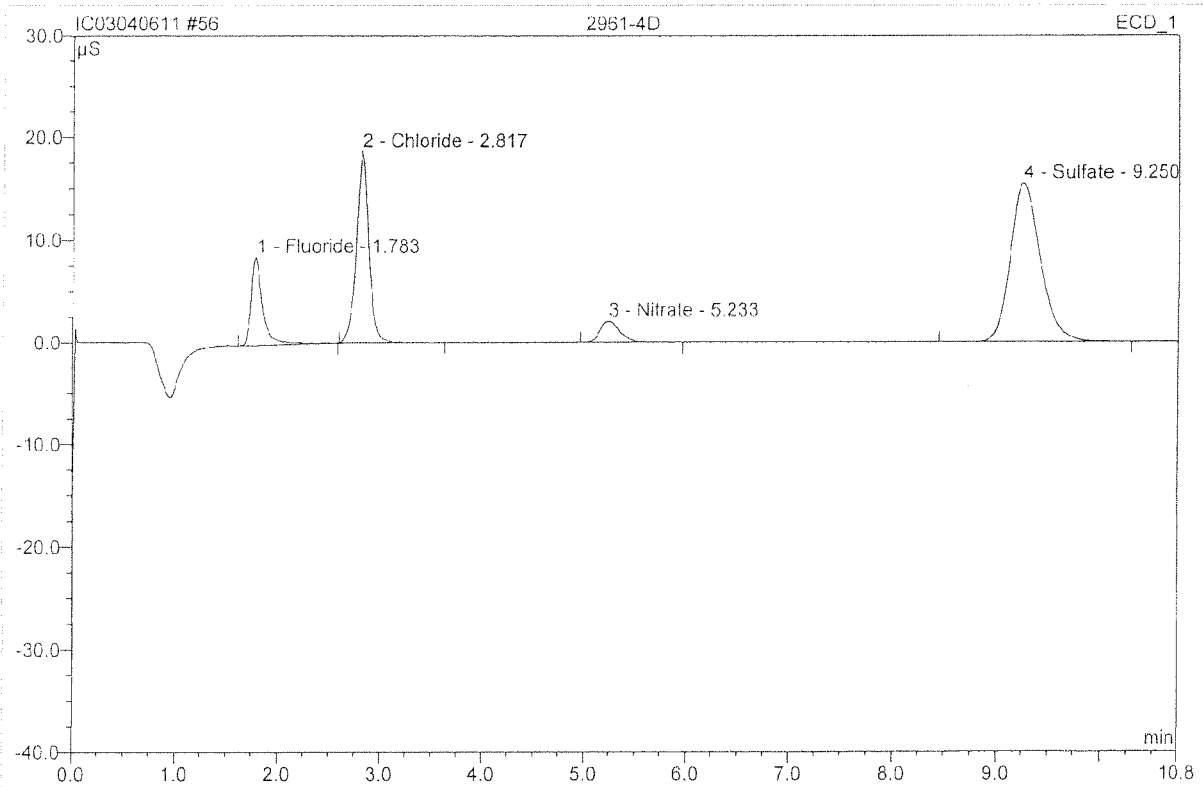
**55 K1102961-004**

Sample Name:	<b>K1102961-004</b>	Injection Volume:	<b>200.0</b>
Vial Number:	<b>66</b>	Channel:	<b>ECD_1</b>
Sample Type:	<b>unknown</b>	Wavelength:	<b>n.a.</b>
Control Program:	<b>epa300</b>	Bandwidth:	<b>n.a.</b>
Quantif. Method:	<b>epa300</b>	Dilution Factor:	<b>2.0000</b>
Recording Time:	<b>4/6/2011 18:23</b>	Sample Weight:	<b>1.0000</b>
Run Time (min):	<b>10.75</b>	Sample Amount:	<b>1.0000</b>



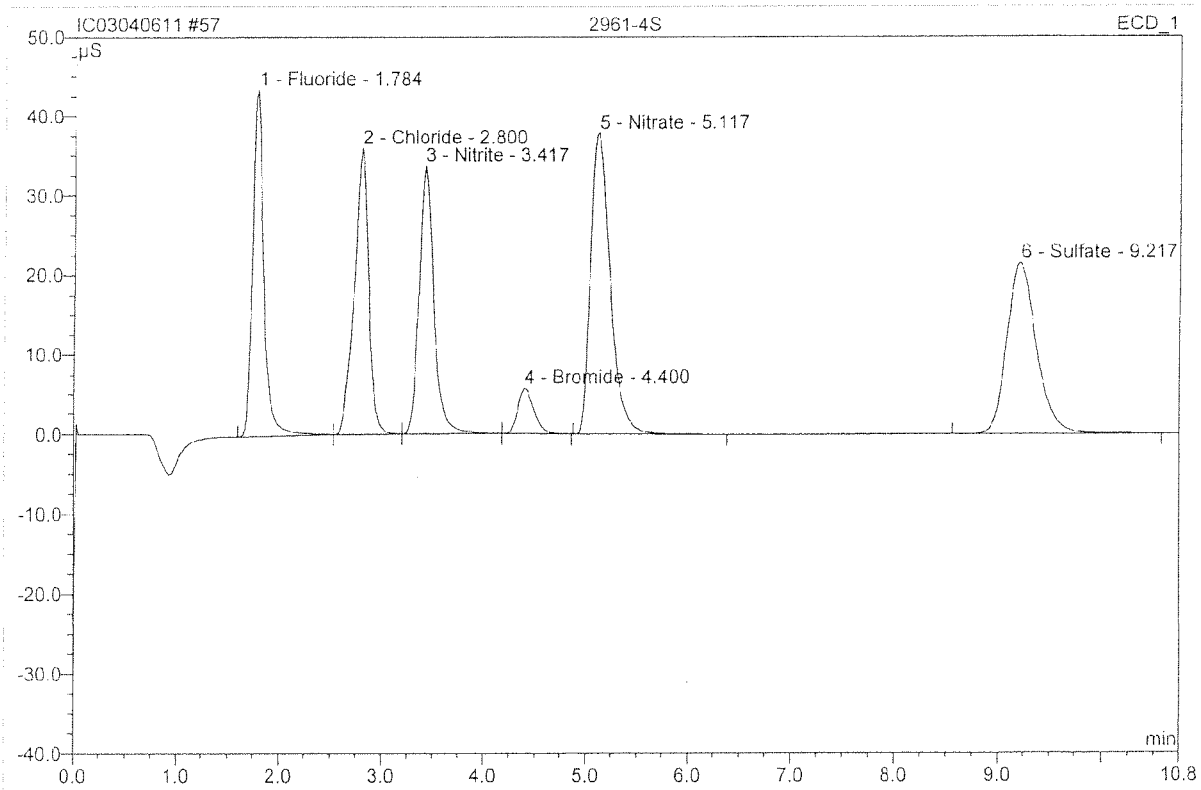
No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.77	Fluoride <i>x=112 RPD=4</i>	8.184	1.096	11.97	1.085	BMB
2	2.82	Chloride <i>x=348 RPD=2</i>	17.877	2.575	28.13	3.437	BMB
3	5.23	Nitrate <i>x=2076 RPD=4</i>	2.052	0.465	5.08	0.251	BMB
4	9.25	Sulfate <i>x=106 RPD=5</i>	14.797	5.018	54.82	10.323	BMB
Total:			42.910	9.154	100.00	15.096	

<b>56 2961-4D</b>			
<b>D</b>			
Sample Name:	2961-4D	Injection Volume:	200.0
Vial Number:	67	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	2.0000
Recording Time:	4/6/2011 18:36	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride	8.627	1.148	12.09	1.138	BMB
2	2.82	Chloride	18.637	2.632	27.71	3.512	BMB
3	5.23	Nitrate	2.128	0.479	5.04	0.259	BMB
4	9.25	Sulfate	15.467	5.239	55.15	10.776	BMB
<b>Total:</b>			44.859	9.498	100.00	15.684	

<b>57 2961-4S</b>			
<b>MS</b>			
Sample Name:	2961-4S	Injection Volume:	200.0
Vial Number:	68	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	2.0000
Recording Time:	4/6/2011 18:50	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



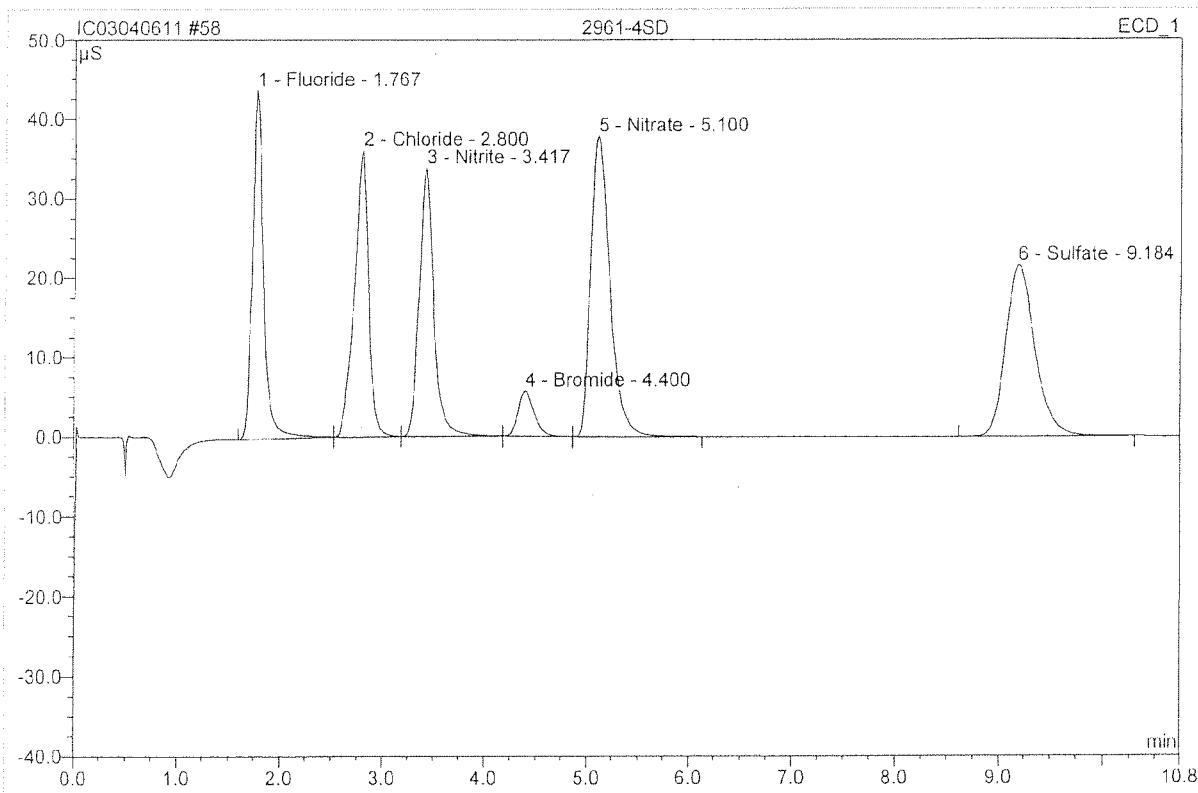
No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride <i>REC-109</i>	43.609	5.483	16.34	5.432	BMb
2	2.80	Chloride <i>REC-109</i>	35.972	5.845	17.42	7.800	bMb
3	3.42	Nitrite <i>REC-100</i>	33.667	5.659	16.87	3.993	bMb
4	4.40	Bromide <i>REC-107</i>	5.747	1.045	3.11	3.925	bMB
5	5.12	Nitrate <i>REC-107</i>	37.860	8.347	24.88	4.505	BMB
6	9.22	Sulfate <i>REC-113</i>	21.484	7.176	21.39	14.762	BMB
<b>Total:</b>			178.340	33.556	100.00	40.417	

*spk 1/1  
61*

**58 2961-4SD**

**MSD**

Sample Name:	2961-4SD	Injection Volume:	200.0
Vial Number:	69	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	2.0000
Recording Time:	4/6/2011 19:03	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.77	Fluoride <i>REC=107</i>	43.857	5.475	16.42	5.425	BMB
2	2.80	Chloride <i>REC=108</i>	36.038	5.825	17.47	7.773	bMb
3	3.42	Nitrite <i>REC=99</i>	33.747	5.616	16.84	3.963	bMb
4	4.40	Bromide	5.743	1.043	3.13	3.919	bMb
5	5.10	Nitrate <i>REC=105</i>	37.838	8.247	24.73	4.451	bMB
6	9.18	Sulfate <i>REC=110</i>	21.501	7.141	21.41	14.690	BMB
<b>Total:</b>			178.724	33.349	100.00	40.221	

*SPK 1/4*



# Analytical Results Summary

Instrument Name: K-IC-03

Analyst: ECRONWELL

Analysis Lot:

241457

Method/Testcode: 300.0/SO4

Ab Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC? Tier
1102506-001	Sulfate	N/A		Water	258.85 mg/L	5 mL	259 mg/L	50	0.5	5.0			4/6/11 11:07:00	N V
1102884-001	Chloride	N/A		Water	46.25 mg/L	5 mL	46.3 mg/L	10	0.3	2.0			4/6/11 15:45:00	N I
1102884-001	Sulfate	N/A		Water	20.99 mg/L	5 mL	21.0 mg/L	10	0.1	2.0			4/6/11 15:45:00	N I
1102884-002	Chloride	N/A		Water	48.23 mg/L	5 mL	48.2 mg/L	10	0.3	2.0			4/6/11 15:58:00	N I
1102884-002	Sulfate	N/A		Water	21.04 mg/L	5 mL	21.0 mg/L	10	0.1	2.0			4/6/11 15:58:00	N I
1102920-001	Chloride	N/A		Water	6.06 mg/L	5 mL	6.06 mg/L	2	0.06	0.40			4/6/11 10:28:00	N V
1102922-001	Chloride	N/A		Water	0.42 mg/L	5 mL	0.42 mg/L	2	0.06	0.40			4/6/11 10:41:00	N V
1102924-001	Chloride	N/A		Water	1.01 mg/L	5 mL	1.01 mg/L	2	0.06	0.40			4/6/11 10:54:00	N V
1102931-001	Chloride	N/A		Water	7.46 mg/L	5 mL	7.5 mg/L	2	0.06	2.0			4/6/11 16:11:00	N V
1102931-001	Fluoride	N/A		Water	0.10 mg/L	5 mL	0.40 mg/L U	2	0.006	0.40			4/6/11 16:11:00	N V
1102931-001	Sulfate	N/A		Water	372.59 mg/L	5 mL	373 mg/L	50	0.5	5.0			4/6/11 11:47:00	N V
1102931-002	Chloride	N/A		Water	18.14 mg/L	5 mL	18.1 mg/L	5	0.2	5.0			4/6/11 16:24:00	N V
1102931-002	Fluoride	N/A		Water	0.20 mg/L	5 mL	1.0 mg/L U	5	0.02	1.0			4/6/11 16:24:00	N V
1102931-002	Sulfate	N/A		Water	819.71 mg/L	5 mL	820 mg/L	200	2	20			4/6/11 12:00:00	N V
1102931-003	Chloride	N/A		Water	5.85 mg/L	5 mL	5.9 mg/L	2	0.06	2.0			4/6/11 16:37:00	N V
1102931-003	Fluoride	N/A		Water	0.07 mg/L	5 mL	0.40 mg/L U	2	0.006	0.40			4/6/11 16:37:00	N V
1102931-003	Sulfate	N/A		Water	223.37 mg/L	5 mL	225 mg/L	50	0.5	5.0			4/6/11 12:13:00	N V
1102932-001	Chloride	N/A		Water	3.99 mg/L	5 mL	4.0 mg/L	2	0.06	2.0			4/6/11 19:29:00	N V
1102932-001	Fluoride	N/A		Water	0.11 mg/L	5 mL	0.40 mg/L U	2	0.006	0.40			4/6/11 19:29:00	N V
1102932-001	Sulfate	N/A		Water	114.38 mg/L	5 mL	114 mg/L	20	0.2	2.0			4/6/11 13:06:00	N V
1102932-002	Nitrate as Nitrogen	N/A		Water	1.20 mg/L	5 mL	1.20 mg/L	2	0.008	0.10			4/6/11 13:19:00	N V
1102933-001	Chloride	N/A		Water	42.25 mg/L	5 mL	42.2 mg/L	20	0.6	4.0			4/6/11 17:17:00	N I
1102933-001	Sulfate	N/A		Water	20.22 mg/L	5 mL	20.2 mg/L	20	0.2	4.0			4/6/11 17:17:00	N I
1102933-002	Chloride	N/A		Water	44.66 mg/L	5 mL	44.7 mg/L	20	0.6	4.0			4/6/11 17:30:00	N I
1102933-002	Sulfate	N/A		Water	20.56 mg/L	5 mL	20.6 mg/L	20	0.2	4.0			4/6/11 17:30:00	N I
1102936-001	Nitrate as Nitrogen	N/A		Water	1.03 mg/L	5 mL	1.03 mg/L	2	0.008	0.10			4/6/11 13:53:00	N V
1102936-001	Sulfate	N/A		Water	214.55 mg/L	5 mL	215 mg/L	50	0.5	5.0			4/6/11 19:42:00	N V
1102936-002	Nitrate as Nitrogen	N/A		Water	1.04 mg/L	5 mL	1.04 mg/L	2	0.008	0.10			4/6/11 13:46:00	N V
1102942-002	Chloride	N/A		Water	2.61 mg/L	5 mL	2.61 mg/L	2	0.06	0.40			4/6/11 13:59:00	N I
1102942-002	Nitrate as Nitrogen	N/A		Water	0.09 mg/L	5 mL	0.10 mg/L U	2	0.008	0.10			4/6/11 13:59:00	N I
1102942-002	Sulfate	N/A		Water	4.20 mg/L	5 mL	4.20 mg/L	2	0.02	0.40			4/6/11 13:59:00	N I
1102945-001	Sulfate	N/A		Water	0.18 mg/L	5 mL	0.40 mg/L U	2	0.02	0.40			4/6/11 17:04:00	N II
1102954-001	Chloride	N/A		Drinking Water	3.47 mg/L	5 mL	3.47 mg/L	2	0.06	0.40			4/6/11 14:12:00	N I
1102954-001	Fluoride	N/A		Drinking Water	1.11 mg/L	5 mL	1.11 mg/L	2	0.006	0.40			4/6/11 14:12:00	N I
1102954-001	Nitrate as Nitrogen	N/A		Drinking Water	0.24 mg/L	5 mL	0.24 mg/L	2	0.008	0.10			4/6/11 14:12:00	N I

indicates Final Result is not yet adjusted for Solids because it has not yet been determined

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Results Summary

# Analytical Results Summary

Instrument Name: K-IC-03

Analyst: ECRONWELL

Analysis Lot:

241457

Method/Testcode: 300 0/NO3

Lab Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	POI	% Rec	% RSD	Date Analyzed	QC? Tier
:1102954-001	Nitrite as Nitrogen	N/A		Drinking Water	0.00 mg/L	5 mL	0.10 mg/L U	2	0.004	0.10			4/6/11 14:12:00	N I
:1102954-001	Sulfate	N/A		Drinking Water	10.40 mg/L	5 mL	10.4 mg/L	2	0.02	0.40			4/6/11 14:12:00	N I
:1102961-004	Fluoride	N/A		Drinking Water	1.09 mg/L	5 mL	1.09 mg/L	2	0.006	0.40			4/6/11 18:23:00	N I
:1102969-001	Chloride	N/A		Drinking Water	2.60 mg/L	5 mL	2.60 mg/L	2	0.06	0.40			4/6/11 16:51:00	N I
:1102969-001	Nitrate as Nitrogen	N/A		Drinking Water	0.00 mg/L	5 mL	0.10 mg/L U	2	0.008	0.10			4/6/11 16:51:00	N I
:1102969-001	Sulfate	N/A		Drinking Water	0.52 mg/L	5 mL	0.52 mg/L	2	0.02	0.40			4/6/11 16:51:00	N I
:1102977-001	Nitrate as Nitrogen	N/A		Drinking Water	0.77 mg/L	5 mL	0.77 mg/L	2	0.008	0.10			4/6/11 19:16:00	N I
:Q1103001-01	Chloride	MS	K1102922-001	Water	4.02 mg/L	5 mL	4.02 mg/L	2	0.06	0.40	90		4/6/11 14:39:00	N V
:Q1103001-02	Chloride	DMS	K1102922-001	Water	4.06 mg/L	5 mL	4.06 mg/L	2	0.06	0.40	91	<1	4/6/11 14:52:00	N V
:Q1103001-03	Chloride	DUP	K1102922-001	Water	0.42 mg/L	5 mL	0.42 mg/L	2	0.06	0.40	<1		4/6/11 14:25:00	N V
:Q1103001-04	Chloride	LCS		Water	4.74 mg/L	5 mL	4.74 mg/L	1	0.03	0.20	95		4/6/11 09:21:00	N V
:Q1103001-04	Fluoride	LCS		Water	11.06 mg/L	5 mL	11.1 mg/L	2	0.006	0.40	101		4/6/11 09:34:00	N V
:Q1103001-04	Nitrate as Nitrogen	LCS		Water	15.88 mg/L	5 mL	15.9 mg/L	5	0.02	0.25	104		4/6/11 09:08:00	N V
:Q1103001-04	Nitrite as Nitrogen	LCS		Water	107.06 mg/L	5 mL	107 mg/L	25	0.05	1.3	107		4/6/11 08:41:00	N V
:Q1103001-04	Sulfate	LCS		Water	4.82 mg/L	5 mL	4.82 mg/L	1	0.01	0.20	96		4/6/11 09:21:00	N V
:Q1103001-05	Chloride	MB		Water	0.00 mg/L	5 mL	0.20 mg/L U	1	0.03	0.20			4/6/11 08:55:00	N V
:Q1103001-05	Fluoride	MB		Water	0.00 mg/L	5 mL	0.20 mg/L U	1	0.003	0.20			4/6/11 08:55:00	N V
:Q1103001-05	Nitrate as Nitrogen	MB		Water	0.00 mg/L	5 mL	0.050 mg/L U	1	0.004	0.050			4/6/11 08:55:00	N V
:Q1103001-05	Nitrite as Nitrogen	MB		Water	0.00 mg/L	5 mL	0.050 mg/L U	1	0.002	0.050			4/6/11 08:55:00	N V
:Q1103001-05	Sulfate	MB		Water	0.00 mg/L	5 mL	0.20 mg/L U	1	0.01	0.20			4/6/11 08:55:00	N V
:Q1103001-06	Fluoride	MS	K1102961-004	Drinking Water	5.43 mg/L	5 mL	5.43 mg/L	2	0.006	0.40	109		4/6/11 18:50:00	N I
:Q1103001-07	Fluoride	DMS	K1102961-004	Drinking Water	5.42 mg/L	5 mL	5.42 mg/L	2	0.006	0.40	108	<1	4/6/11 19:03:00	N I
:Q1103001-08	Fluoride	DUP	K1102961-004	Drinking Water	1.14 mg/L	5 mL	1.14 mg/L	2	0.006	0.40	5		4/6/11 18:36:00	N I
:Q1103001-09	Chloride	CCV		Drinking Water	4.76 mg/L	5 mL	4.76 mg/L	1					4/6/11 08:15:00	N I
:Q1103001-09	Fluoride	CCV		Drinking Water	5.13 mg/L	5 mL	5.13 mg/L	1					4/6/11 08:15:00	N I
:Q1103001-09	Nitrate as Nitrogen	CCV		Drinking Water	1.91 mg/L	5 mL	1.91 mg/L	1					4/6/11 08:15:00	N I
:Q1103001-09	Nitrite as Nitrogen	CCV		Drinking Water	2.09 mg/L	5 mL	2.09 mg/L	1					4/6/11 08:15:00	N I
:Q1103001-09	Sulfate	CCV		Drinking Water	4.82 mg/L	5 mL	4.82 mg/L	1					4/6/11 08:15:00	N I
:Q1103001-10	Chloride	CCV		Drinking Water	4.76 mg/L	5 mL	4.76 mg/L	1					4/6/11 10:01:00	N I

indicates Final Result is not yet adjusted for Solids because it has not yet been determined.

# Analytical Results Summary

Instrument Name: K-IC-03

Analyst: ECRONWELL

Analysis Lot:

241457

Method/Testcode: 300 0/F

Lab Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	POL	% Rec	% RSD	Date Analyzed	QC? Tier
Q1103001-10	Fluoride	CCV		Drinking Water	5.17 mg/L	5 mL	5.17 mg/L	1					4/6/11 10:01:00	N 1
Q1103001-10	Nitrate as Nitrogen	CCV		Drinking Water	1.91 mg/L	5 mL	1.91 mg/L	1					4/6/11 10:01:00	N 1
Q1103001-10	Nitrite as Nitrogen	CCV		Drinking Water	2.10 mg/L	5 mL	2.10 mg/L	1					4/6/11 10:01:00	N 1
Q1103001-10	Sulfate	CCV		Drinking Water	4.84 mg/L	5 mL	4.84 mg/L	1					4/6/11 10:01:00	N 1
Q1103001-11	Chloride	CCV		Drinking Water	4.78 mg/L	5 mL	4.78 mg/L	1					4/6/11 12:40:00	N 1
Q1103001-11	Fluoride	CCV		Drinking Water	5.15 mg/L	5 mL	5.15 mg/L	1					4/6/11 12:40:00	N 1
Q1103001-11	Nitrate as Nitrogen	CCV		Drinking Water	1.92 mg/L	5 mL	1.92 mg/L	1					4/6/11 12:40:00	N 1
Q1103001-11	Nitrite as Nitrogen	CCV		Drinking Water	2.11 mg/L	5 mL	2.11 mg/L	1					4/6/11 12:40:00	N 1
Q1103001-11	Sulfate	CCV		Drinking Water	4.83 mg/L	5 mL	4.83 mg/L	1					4/6/11 12:40:00	N 1
Q1103001-12	Chloride	CCV		Drinking Water	4.79 mg/L	5 mL	4.79 mg/L	1					4/6/11 15:18:00	N 1
Q1103001-12	Fluoride	CCV		Drinking Water	5.19 mg/L	5 mL	5.19 mg/L	1					4/6/11 15:18:00	N 1
Q1103001-12	Nitrate as Nitrogen	CCV		Drinking Water	1.91 mg/L	5 mL	1.91 mg/L	1					4/6/11 15:18:00	N 1
Q1103001-12	Nitrite as Nitrogen	CCV		Drinking Water	2.10 mg/L	5 mL	2.10 mg/L	1					4/6/11 15:18:00	N 1
Q1103001-12	Sulfate	CCV		Drinking Water	4.83 mg/L	5 mL	4.83 mg/L	1					4/6/11 15:18:00	N 1
Q1103001-13	Chloride	CCV		Drinking Water	4.77 mg/L	5 mL	4.77 mg/L	1					4/6/11 17:57:00	N 1
Q1103001-13	Fluoride	CCV		Drinking Water	5.21 mg/L	5 mL	5.21 mg/L	1					4/6/11 17:57:00	N 1
Q1103001-13	Nitrate as Nitrogen	CCV		Drinking Water	1.90 mg/L	5 mL	1.90 mg/L	1					4/6/11 17:57:00	N 1
Q1103001-13	Nitrite as Nitrogen	CCV		Drinking Water	2.11 mg/L	5 mL	2.11 mg/L	1					4/6/11 17:57:00	N 1
Q1103001-13	Sulfate	CCV		Drinking Water	4.82 mg/L	5 mL	4.82 mg/L	1					4/6/11 17:57:00	N 1
Q1103001-14	Chloride	CCV		Drinking Water	4.75 mg/L	5 mL	4.75 mg/L	1					4/6/11 20:22:00	N 1
Q1103001-14	Fluoride	CCV		Drinking Water	5.13 mg/L	5 mL	5.13 mg/L	1					4/6/11 20:22:00	N 1
Q1103001-14	Nitrate as Nitrogen	CCV		Drinking Water	1.89 mg/L	5 mL	1.89 mg/L	1					4/6/11 20:22:00	N 1
Q1103001-14	Nitrite as Nitrogen	CCV		Drinking Water	2.07 mg/L	5 mL	2.07 mg/L	1					4/6/11 20:22:00	N 1
Q1103001-14	Sulfate	CCV		Drinking Water	4.80 mg/L	5 mL	4.80 mg/L	1					4/6/11 20:22:00	N 1
Q1103001-15	Chloride	CCB		Drinking Water	0.02 mg/L	5 mL	0.20 mg/L U	1	0.20	0.20			4/6/11 08:28:00	N 1
Q1103001-15	Fluoride	CCB		Drinking Water	0.06 mg/L	5 mL	0.20 mg/L U	1	0.20	0.20			4/6/11 08:28:00	N 1

\* indicates Final Result is not yet adjusted for Solids because it has not yet been determined.

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Results Summary

# Analytical Results Summary

Instrument Name: K-IC-03

Analyst: ECRONWELL

Analysis Lot: 241457

Method/Testcode: 300.0/NO3

Lab Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	POL	% Rec	% RSD	Date Analyzed	QC? Tier
<Q1103001-15	Nitrate as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 08:28:00	N 1
<Q1103001-15	Sulfate	CCB	Drinking Water	0.02 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 08:28:00	N 1
<Q1103001-16	Chloride	CCB	Drinking Water	0.02 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 10:14:00	N 1
<Q1103001-16	Fluoride	CCB	Drinking Water	0.01 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 10:14:00	N 1
<Q1103001-16	Nitrate as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 10:14:00	N 1
<Q1103001-16	Nitrite as Nitrogen	CCB	Drinking Water	0.01 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 10:14:00	N 1
<Q1103001-16	Sulfate	CCB	Drinking Water	0.01 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 10:14:00	N 1
<Q1103001-17	Chloride	CCB	Drinking Water	0.02 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 12:53:00	N 1
<Q1103001-17	Fluoride	CCB	Drinking Water	0.00 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 12:53:00	N 1
<Q1103001-17	Nitrate as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 12:53:00	N 1
<Q1103001-17	Nitrite as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 12:53:00	N 1
<Q1103001-18	Sulfate	CCB	Drinking Water	0.01 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 15:31:00	N 1
<Q1103001-18	Chloride	CCB	Drinking Water	0.04 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 15:31:00	N 1
<Q1103001-18	Fluoride	CCB	Drinking Water	0.00 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 15:31:00	N 1
<Q1103001-18	Nitrate as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 15:31:00	N 1
<Q1103001-19	Nitrite as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 18:10:00	N 1
<Q1103001-19	Sulfate	CCB	Drinking Water	0.01 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 18:10:00	N 1
<Q1103001-19	Chloride	CCB	Drinking Water	0.01 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 18:10:00	N 1
<Q1103001-19	Fluoride	CCB	Drinking Water	0.00 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 18:10:00	N 1
<Q1103001-19	Nitrate as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 18:10:00	N 1
<Q1103001-20	Chloride	CCB	Drinking Water	0.00 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 20:35:00	N 1
<Q1103001-20	Fluoride	CCB	Drinking Water	0.00 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20				4/6/11 20:35:00	N 1
<Q1103001-20	Nitrate as Nitrogen	CCB	Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050				4/6/11 20:35:00	N 1

\* Indicates Final Result is not yet adjusted for Solids because it has not yet been determined.

# Analytical Results Summary

Instrument Name: K-1C-03

Analyst: ECROMWELL

Analysis Lot:

241457

Method/Testcode: 300.0/NO2

Lab Code	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC? Tier
<Q1103001-20	Nitrite as Nitrogen	CCB		Drinking Water	0.00 mg/L	5 mL	0.050 mg/L	U 1	0.050	0.050			4/6/11 20:35:00	N 1
<Q1103001-21	Chloride	N/A		Drinking Water	0.02 mg/L	5 mL	0.20 mg/L	U 1	0.20	0.20			4/6/11 20:35:00	N 1
<Q1103001-21	Fluoride	N/A		Water	0.42 mg/L	5 mL	0.42 mg/L	2	0.06	0.40			4/6/11 10:41:00	N V
<Q1103001-21	Nitrate as Nitrogen	N/A		Water	0.02 mg/L	5 mL	0.02 mg/L	J 2	0.006	0.40			4/6/11 10:41:00	N V
<Q1103001-21	Nitrate as Nitrogen	N/A		Water	0.08 mg/L	5 mL	0.08 mg/L	J 2	0.008	0.10			4/6/11 10:41:00	N V
<Q1103001-21	Nitrite as Nitrogen	N/A		Water	0.01 mg/L	5 mL	0.007 mg/L	J 2	0.004	0.10			4/6/11 10:41:00	N V
<Q1103001-21	Sulfate	N/A		Water	1.12 mg/L	5 mL	1.12 mg/L	2	0.02	0.40			4/6/11 10:41:00	N V
<Q1103001-22	Chloride	M/S	KQ1103001-21	Water	4.02 mg/L	5 mL	4.02 mg/L	2	0.06	0.40	90		4/6/11 14:39:00	N V
<Q1103001-22	Fluoride	M/S	KQ1103001-21	Water	4.24 mg/L	5 mL	4.24 mg/L	2	0.006	0.40	105		4/6/11 14:39:00	N V
<Q1103001-22	Nitrate as Nitrogen	M/S	KQ1103001-21	Water	4.03 mg/L	5 mL	4.03 mg/L	2	0.008	0.10	99		4/6/11 14:39:00	N V
<Q1103001-22	Nitrite as Nitrogen	M/S	KQ1103001-21	Water	4.30 mg/L	5 mL	4.30 mg/L	2	0.004	0.10	107		4/6/11 14:39:00	N V
<Q1103001-22	Sulfate	M/S	KQ1103001-21	Water	4.99 mg/L	5 mL	4.99 mg/L	2	0.02	0.40	97		4/6/11 14:39:00	N V
<Q1103001-23	Chloride	D/M/S	KQ1103001-21	Water	4.06 mg/L	5 mL	4.06 mg/L	2	0.06	0.40	91	<1	4/6/11 14:52:00	N V
<Q1103001-23	Fluoride	D/M/S	KQ1103001-21	Water	4.27 mg/L	5 mL	4.27 mg/L	2	0.006	0.40	106	<1	4/6/11 14:52:00	N V
<Q1103001-23	Nitrate as Nitrogen	D/M/S	KQ1103001-21	Water	4.07 mg/L	5 mL	4.07 mg/L	2	0.008	0.10	100	<1	4/6/11 14:52:00	N V
<Q1103001-23	Nitrite as Nitrogen	D/M/S	KQ1103001-21	Water	4.35 mg/L	5 mL	4.35 mg/L	2	0.004	0.10	109	1	4/6/11 14:52:00	N V
<Q1103001-23	Sulfate	D/M/S	KQ1103001-21	Water	5.00 mg/L	5 mL	5.00 mg/L	2	0.02	0.40	97	<1	4/6/11 14:52:00	N V
<Q1103001-24	Chloride	D/UP	KQ1103001-21	Water	0.42 mg/L	5 mL	0.42 mg/L	2	0.06	0.40		<1	4/6/11 14:25:00	N V
<Q1103001-24	Fluoride	D/UP	KQ1103001-21	Water	0.09 mg/L	5 mL	0.09 mg/L	J 2	0.006	0.40		123*	4/6/11 14:25:00	N V
<Q1103001-24	Nitrate as Nitrogen	D/UP	KQ1103001-21	Water	0.09 mg/L	5 mL	0.09 mg/L	J 2	0.008	0.10		6	4/6/11 14:25:00	N V
<Q1103001-24	Nitrite as Nitrogen	D/UP	KQ1103001-21	Water	0.01 mg/L	5 mL	0.008 mg/L	J 2	0.004	0.10		14	4/6/11 14:25:00	N V
<Q1103001-24	Sulfate	D/UP	KQ1103001-21	Water	1.10 mg/L	5 mL	1.10 mg/L	2	0.02	0.40		2	4/6/11 14:25:00	N V

\* indicates Final Result is not yet adjusted for Solids because it has not yet been determined.

Sequence: IC03040611  
Operator: nbakotich

Page 1 of 4  
Printed: 4/7/2011 8:53:37 AM

Title:  
Datasource: ACQWET10\_local  
Location: DX120A  
Timebase: DX120  
#Samples: 65  
Created: 4/6/2011 8:13:14 AM by ACQWET10  
(Modified, not saved)











































No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time
1	std2/vl2	Standard	2	200.0	epa300	epa300	Finished	2/22/2011 7:40:50 AM
2	std3/vl3	Standard	1	200.0	epa300	epa300	Finished	2/22/2011 7:57:18 AM
3	std4/vl4	Standard	2	200.0	epa300	epa300	Finished	2/22/2011 8:13:45 AM
4	std5/vl5	Standard	3	200.0	epa300	epa300	Finished	2/22/2011 8:30:13 AM
5	std6/vl6	Standard	4	200.0	epa300	epa300	Finished	2/22/2011 9:47:09 AM
6	std7/vl7	Standard	5	200.0	epa300	epa300	Finished	2/22/2011 10:03:37 AM
7	std8/vl8	Standard	6	200.0	epa300	epa300	Finished	2/22/2011 10:20:06 AM
8	std1/vl1	Standard	7	200.0	epa300	epa300	Finished	2/22/2011 10:36:34 AM
9	CCV1 AN11-87-N	Unknown	20	200.0	epa300	epa300	Finished	4/6/2011 8:15:21 AM
10	CCB1	Unknown	21	200.0	epa300	epa300	Finished	4/6/2011 8:28:35 AM
11	NO2 AN11-35-O	Unknown	22	200.0	epa300	epa300	Finished	4/6/2011 8:41:47 AM
12	MB	Unknown	23	200.0	epa300	epa300	Finished	4/6/2011 8:55:00 AM
13	NO3	Unknown	24	200.0	epa300	epa300	Finished	4/6/2011 9:08:13 AM
14	CLSO4	Unknown	25	200.0	epa300	epa300	Finished	4/6/2011 9:21:26 AM
15	F BR	Unknown	26	200.0	epa300	epa300	Finished	4/6/2011 9:34:39 AM
16	SPKCHK AN11-77-N	Unknown	27	200.0	epa300	epa300	Finished	4/6/2011 9:47:52 AM
17	CCV2	Unknown	28	200.0	epa300	epa300	Finished	4/6/2011 10:01:04 AM
18	CCB2	Unknown	29	200.0	epa300	epa300	Finished	4/6/2011 10:14:48 AM
19	K1102920-001	Unknown	30	200.0	epa300	epa300	Finished	4/6/2011 10:28:03 AM
20	K1102922-001	Unknown	31	200.0	epa300	epa300	Finished	4/6/2011 10:41:15 AM
21	K1102924-001	Unknown	32	200.0	epa300	epa300	Finished	4/6/2011 10:54:28 AM
22	K1102506-001	Unknown	33	200.0	epa300	epa300	Finished	4/6/2011 11:07:40 AM
23	K1102884-001	Unknown	34	200.0	epa300	epa300	Finished	4/6/2011 11:20:52 AM
24	K1102884-002	Unknown	35	200.0	epa300	epa300	Finished	4/6/2011 11:34:05 AM
25	K1102931-001	Unknown	36	200.0	epa300	epa300	Finished	4/6/2011 11:47:18 AM
26	K1102931-002	Unknown	37	200.0	epa300	epa300	Finished	4/6/2011 12:00:31 PM
27	K1102931-003	Unknown	38	200.0	epa300	epa300	Finished	4/6/2011 12:13:44 PM
28	RB	Unknown	39	200.0	epa300	epa300	Finished	4/6/2011 12:26:57 PM
29	CCV3	Unknown	40	200.0	epa300	epa300	Finished	4/6/2011 12:40:10 PM
30	CCB3	Unknown	41	200.0	epa300	epa300	Finished	4/6/2011 12:53:22 PM
31	K1102932-001	Unknown	42	200.0	epa300	epa300	Finished	4/6/2011 1:06:35 PM
32	K1102932-002	Unknown	43	200.0	epa300	epa300	Finished	4/6/2011 1:19:48 PM
33	K1102936-001	Unknown	44	200.0	epa300	epa300	Finished	4/6/2011 1:33:00 PM
34	K1102936-002	Unknown	45	200.0	epa300	epa300	Finished	4/6/2011 1:46:13 PM
35	K1102942-002	Unknown	46	200.0	epa300	epa300	Finished	4/6/2011 1:59:26 PM
36	K1102954-001	Unknown	47	200.0	epa300	epa300	Finished	4/6/2011 2:12:38 PM
37	2922-1D	Unknown	48	200.0	epa300	epa300	Finished	4/6/2011 2:25:50 PM
38	2922-1S	Unknown	49	200.0	epa300	epa300	Finished	4/6/2011 2:39:03 PM
39	2922-1SD	Unknown	50	200.0	epa300	epa300	Finished	4/6/2011 2:52:16 PM
40	RB	Unknown	51	200.0	epa300	epa300	Finished	4/6/2011 3:05:29 PM
41	CCV4	Unknown	52	200.0	epa300	epa300	Finished	4/6/2011 3:18:41 PM
42	CCB4	Unknown	53	200.0	epa300	epa300	Finished	4/6/2011 3:31:53 PM

Sequence: IC03040611  
Operator: nbakotich

Page 2 of 4  
Printed: 4/7/2011 8:53:38 AM

Title:  
Datasource: ACQWET10\_local  
Location: DX120A  
Timebase: DX120  
#Samples: 65

Created: 4/6/2011 8:13:14 AM by ACQWET10  
(Modified, not saved)

No.	Name	Dil. Factor	Comment
1	 std2/vl2	1.0000	
2	 std3/vl3	1.0000	
3	 std4/vl4	1.0000	
4	 std5/vl5	1.0000	
5	 std6/vl6	1.0000	
6	 std7/vl7	1.0000	
7	 std8/vl8	1.0000	
8	 std1/vl1	1.0000	
9	 CCV1 AN11-87-N	1.0000	CCV1
10	 CCB1	1.0000	CCB1
11	 NO2 AN11-35-O	25.0000	NO2
12	 MB	1.0000	MB
13	 NO3	5.0000	NO3
14	 CLSO4	1.0000	CLSO4
15	 F BR	2.0000	F BR
16	 SPKCHK AN11-77-N	1.0000	
17	 CCV2	1.0000	CCV2
18	 CCB2	1.0000	CCB2
19	 K1102920-001	2.0000	
20	 K1102922-001	2.0000	
21	 K1102924-001	2.0000	
22	 K1102506-001	50.0000	
23	 K1102884-001	200.0000	
24	 K1102884-002	200.0000	
25	 K1102931-001	50.0000	
26	 K1102931-002	200.0000	
27	 K1102931-003	50.0000	
28	 RB	1.0000	
29	 CCV3	1.0000	CCV3
30	 CCB3	1.0000	CCB3
31	 K1102932-001	20.0000	
32	 K1102932-002	2.0000	
33	 K1102936-001	2.0000	
34	 K1102936-002	2.0000	
35	 K1102942-002	2.0000	
36	 K1102954-001	2.0000	
37	 2922-1D	2.0000	D
38	 2922-1S	2.0000	MS
39	 2922-1SD	2.0000	MSD
40	 RB	1.0000	
41	 CCV4	1.0000	CCV4
42	 CCB4	1.0000	CCB4

Sequence: IC03040611  
Operator: nbakatich

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Printed: 4/7/2011 8:53:38 AM

Title:
























Datasource: ACQWET10\_local

Location: DX120A

Timebase: DX120

#Samples: 65

Created: 4/6/2011 8:13:14 AM by ACQWET10  
(Modified, not saved)

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time
43	 K1102884-001	Unknown	54	200.0	epa300	epa300	Finished	4/6/2011 3:45:06 PM
44	 K1102884-002	Unknown	55	200.0	epa300	epa300	Finished	4/6/2011 3:58:19 PM
45	 K1102931-001	Unknown	56	200.0	epa300	epa300	Finished	4/6/2011 4:11:32 PM
46	 K1102931-002	Unknown	57	200.0	epa300	epa300	Finished	4/6/2011 4:24:46 PM
47	 K1102931-003	Unknown	58	200.0	epa300	epa300	Finished	4/6/2011 4:37:59 PM
48	 K1102969-001	Unknown	59	200.0	epa300	epa300	Finished	4/6/2011 4:51:12 PM
49	 K1102945-001	Unknown	60	200.0	epa300	epa300	Finished	4/6/2011 5:04:25 PM
50	 K1102933-001	Unknown	61	200.0	epa300	epa300	Finished	4/6/2011 5:17:38 PM
51	 K1102933-002	Unknown	62	200.0	epa300	epa300	Finished	4/6/2011 5:30:51 PM
52	 RB	Unknown	63	200.0	epa300	epa300	Finished	4/6/2011 5:44:03 PM
53	 CCV5	Unknown	64	200.0	epa300	epa300	Finished	4/6/2011 5:57:16 PM
54	 CCB5	Unknown	65	200.0	epa300	epa300	Finished	4/6/2011 6:10:28 PM
55	 K1102961-004	Unknown	66	200.0	epa300	epa300	Finished	4/6/2011 6:23:42 PM
56	 2961-4D	Unknown	67	200.0	epa300	epa300	Finished	4/6/2011 6:36:54 PM
57	 2961-4S	Unknown	68	200.0	epa300	epa300	Finished	4/6/2011 6:50:06 PM
58	 2961-4SD	Unknown	69	200.0	epa300	epa300	Finished	4/6/2011 7:03:19 PM
59	 K1102977-001	Unknown	70	200.0	epa300	epa300	Finished	4/6/2011 7:16:31 PM
60	 K1102932-001	Unknown	71	200.0	epa300	epa300	Finished	4/6/2011 7:29:44 PM
61	 K1102936-001	Unknown	72	200.0	epa300	epa300	Finished	4/6/2011 7:42:56 PM
62	 661-3	Unknown	73	200.0	epa300	epa300	Finished	4/6/2011 7:56:09 PM
63	 RB	Unknown	74	200.0	epa300	epa300	Finished	4/6/2011 8:09:21 PM
64	 CCV6	Unknown	75	200.0	epa300	epa300	Finished	4/6/2011 8:22:33 PM
65	 CCB6	Unknown	76	200.0	epa300	epa300	Finished	4/6/2011 8:35:46 PM


























Sequence: IC03040611  
Operator: nbakotich

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Printed: 4/7/2011 8:53:38 AM

Title:  
Datascource: ACQWET10\_local  
Location: DX120A  
Timebase: DX120  
#Samples: 65

Created: 4/6/2011 8:13:14 AM by ACQWET10  
(Modified, not saved)

No.	Name	Dil. Factor	Comment
43	 K1102884-001	10.0000	
44	 K1102884-002	10.0000	
45	 K1102931-001	2.0000	
46	 K1102931-002	5.0000	
47	 K1102931-003	2.0000	
48	 K1102969-001	2.0000	
49	 K1102945-001	2.0000	
50	 K1102933-001	20.0000	
51	 K1102933-002	20.0000	
52	 RB	1.0000	
53	 CCV5	1.0000	CCV5
54	 CCB5	1.0000	CCB5
55	 K1102961-004	2.0000	
56	 2961-4D	2.0000	D
57	 2961-4S	2.0000	MS
58	 2961-4SD	2.0000	MSD
59	 K1102977-001	2.0000	
60	 K1102932-001	2.0000	
61	 K1102936-001	50.0000	
62	 661-3	100.0000	F
63	 RB	1.0000	
64	 CCV6	1.0000	CCV6
65	 CCB6	1.0000	CCB6

PL 5040611

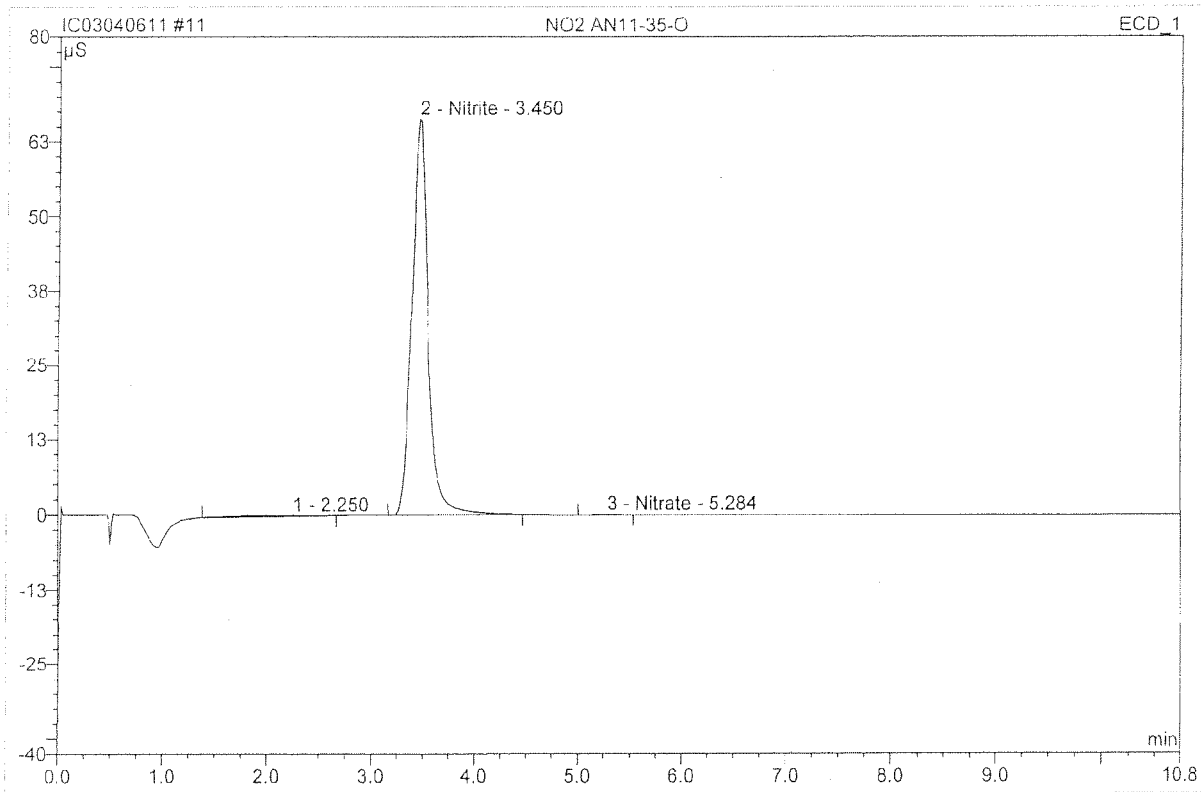
2/1/93

Service Request	Tier	QC	Hold Time	Due Date	Anions	Initial	Final	Done?
2920-1					F Cl	2.515		✓
					NO2			
					Br			
					NO3			
					SO4			
2922-1		α			F Cl			✓
					NO2			
					Br			
					NO3			
					SO4			
2924-1					F Cl	↓		✓
					NO2			
					Br			
					NO3			
					SO4			
2906-1					F Cl			
					NO2			
					Br			
					NO3			
					SO4	0.115		✓
2884-1	1				F Cl	1/100 → 2.515	0.515	✓
					NO2			
					Br			
					NO3			
					SO4			✓
-2					F Cl			✓
					NO2			
					Br			
					NO3			
					SO4			✓
2931-1					F Cl	0.115	2.515	✓
					NO2			✓
					Br			
					NO3			
					SO4			✓
-2					F Cl	1/100 → 2.515	0.115	✓
					NO2			
					Br			
					NO3			
					SO4			✓
-3					F Cl	0.115	2.515	✓
					NO2			✓
					Br			
					NO3			
					SO4			✓
2932-1					F Cl	2.515	2.515	✓
					NO2			✓
					Br			
					NO3			
					SO4			✓

Service Request	Tier	QC	Hold Time	Due Date	Anions	Initial	Final	Done?
2932-2					F			
					Cl			
					NO2			
					Br			
					NO3	2.5/5		✓
					SO4			
2936-1					F			
					Cl			
					NO2			
					Br			
					NO3			✓
					SO4	0.1/5		
-2					F			
					Cl			
					NO2			
					Br			
					NO3			✓
					SO4			
2942-2	1				F			
					Cl			✓
					NO2			
					Br			
					NO3			✓
					SO4			✓
2954-1	1				F			
					Cl			✓
					NO2			✓
					Br			✓
					NO3			✓
					SO4			✓
2969-1	1				F			
					Cl			✓
					NO2			
					Br			
					NO3			✓
					SO4			✓
2961-4	1	<			F			
					Cl	2.5/5		✓
					NO2			
					Br			
					NO3			
					SO4			✓
2945-1	11				F			
					Cl			
					NO2			
					Br			
					NO3			
					SO4	2.5/5		✓
2933-1	1				F			
					Cl	0.1/5/5		✓
					NO2			
					Br			
					NO3			
					SO4			✓
-2					F			
					Cl			✓
					NO2			
					Br			
					NO3			
					SO4			✓

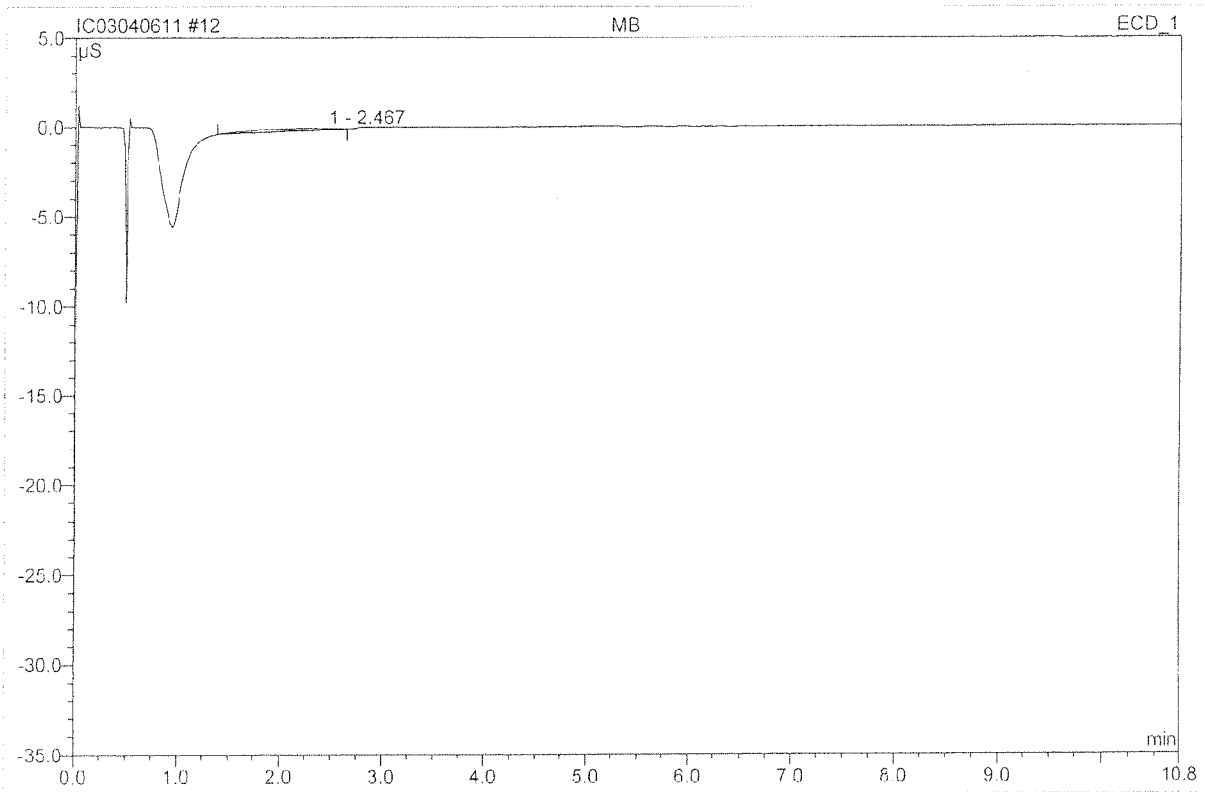
Service Request	Tier	QC	Hold Time	Due Date	Anions	Initial	Final	Done?
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					Cl			
					NO2			
					Br			
					NO3	25/5		✓
					SO4			
					F			
					Cl			
					NO2			
					Br			
					NO3			
					SO4			
					F			
					Cl			
					NO2			
					Br			
					NO3			
					SO4			
					F			
					Cl			
					NO2			
					Br			
					NO3			
					SO4			
					F			
					Cl			
					NO2			
					Br			
					NO3			
					SO4			
					F			
					Cl			
					NO2			
					Br			
					NO3			
					SO4			

<b>11 NO2 AN11-35-O</b>			
<b>NO2</b>			
Sample Name:	NO2 AN11-35-O	Injection Volume:	200.0
Vial Number:	22	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	25.0000
Recording Time:	4/6/2011 8:41	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



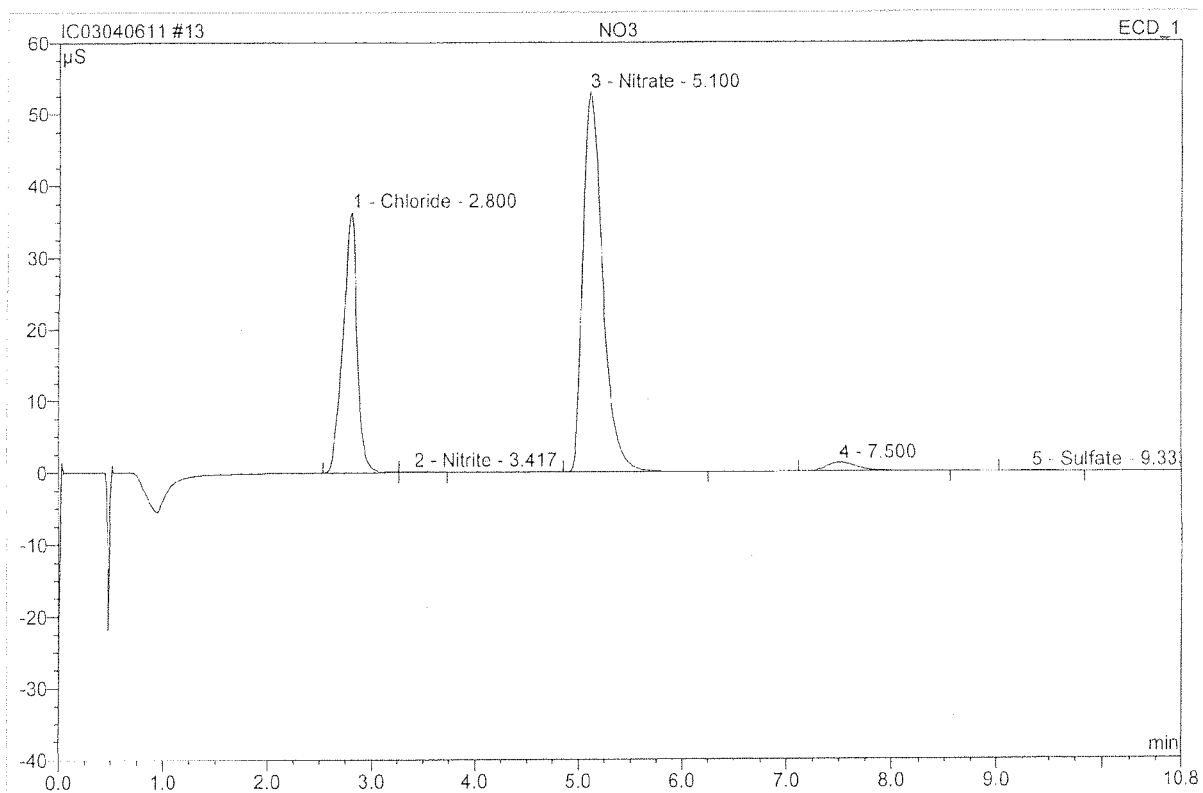
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.25	n.a.	0.135	0.134	1.09	n.a.	BMB
2	3.45	Nitrite	66.255	12.140	98.77	107.064	BMB
3	5.28	Nitrate	0.081	0.017	0.14	0.114	BMB
<b>Total:</b>			66.471	12.290	100.00	107.178	

<b>12 MB</b>			
<b>MB</b>			
Sample Name:	MB	Injection Volume:	200.0
Vial Number:	23	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 8:55	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



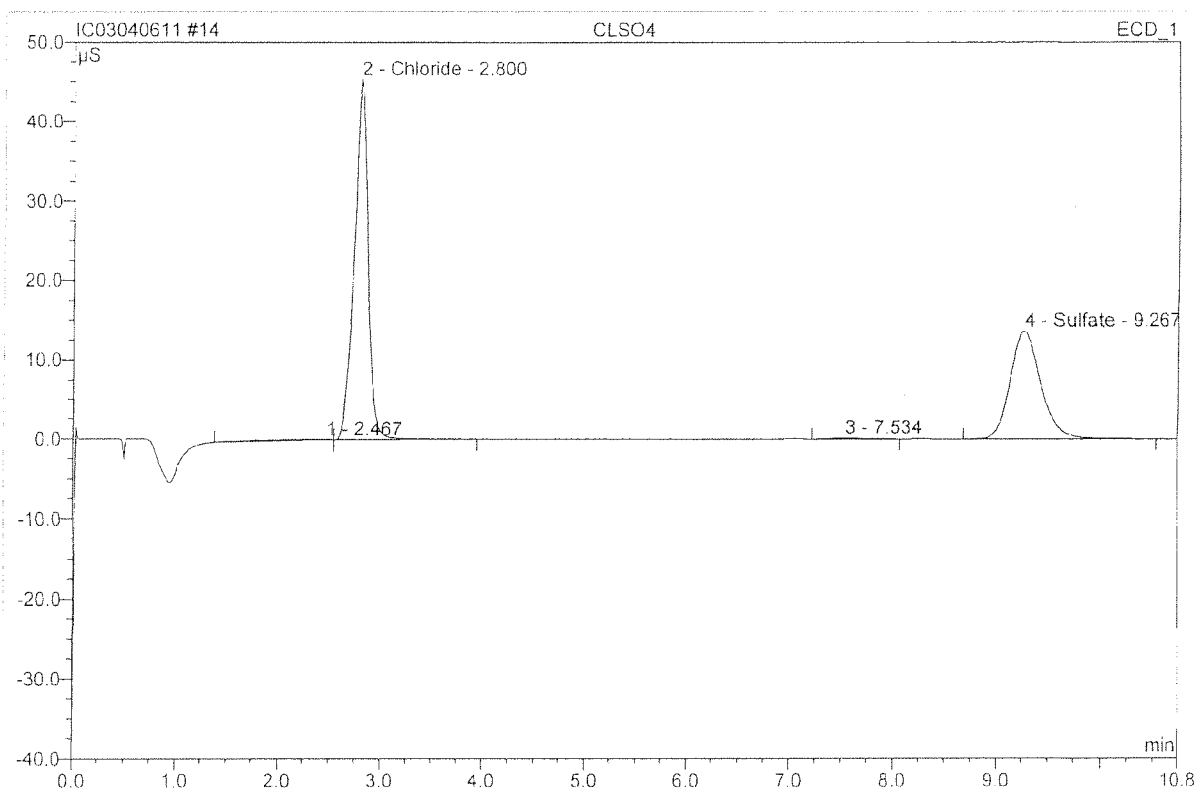
No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	2.47	n.a.	0.080	0.131	100.00	n.a.	BMB
<b>Total:</b>			0.080	0.131	100.00	0.000	

<b>13 NO3</b>			
<b>NO3</b>			
Sample Name:	NO3	Injection Volume:	200.0
Vial Number:	24	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	5.0000
Recording Time:	4/6/2011 9:08	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.80	Chloride	36.415	5.754	31.98	19.193	BMB
2	3.42	Nitrite	0.149	0.023	0.13	0.041	bMB
3	5.10	Nitrate	52.988	11.766	65.41	105 15.876	BMB
4	7.50	n.a.	1.177	0.423	2.35	n.a.	BMB
5	9.33	Sulfate	0.065	0.023	0.13	0.117	BMB
Total:			90.794	17.988	100.00	35.227	

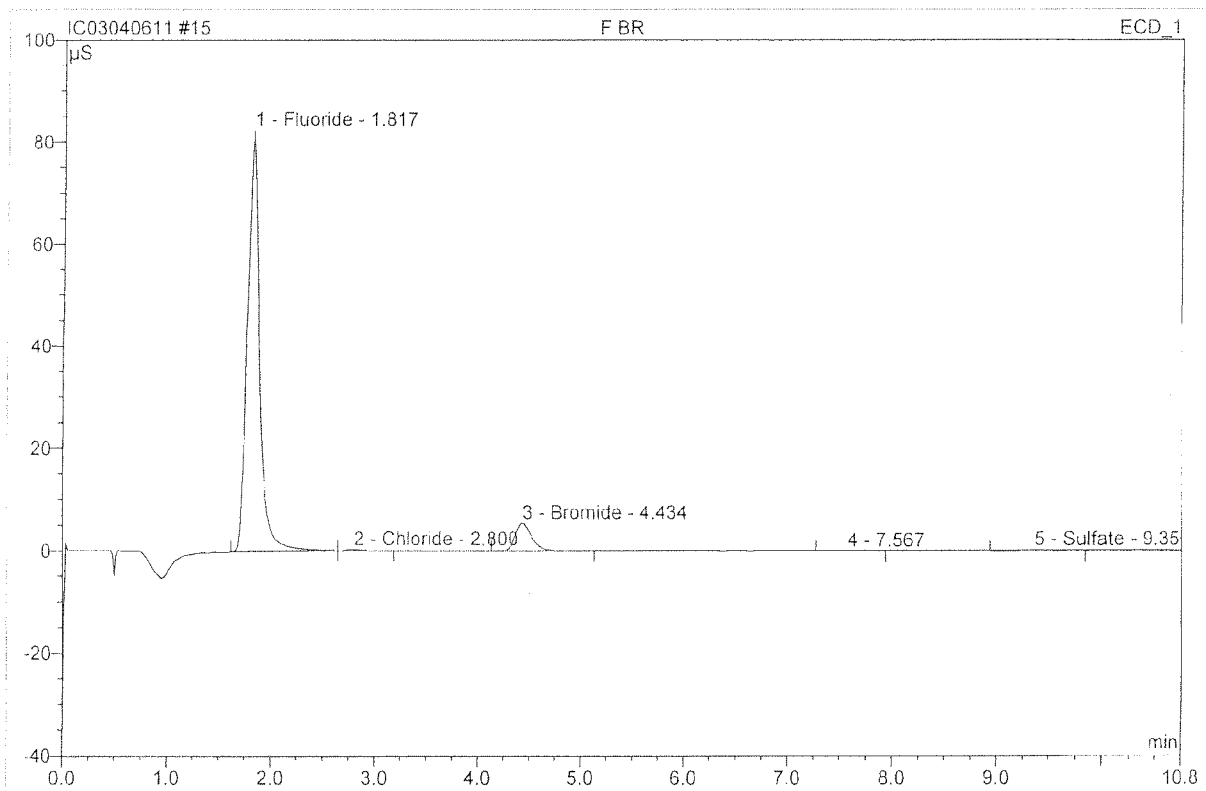
<b>14 CLSO4</b>			
<b>CLSO4</b>			
Sample Name:	CLSO4	Injection Volume:	200.0
Vial Number:	25	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 9:21	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	2.47	n.a.	0.030	0.099	0.83	n.a.	BMB
2	2.80	Chloride	45.379	7.101	59.51	95' 4.738	bMB
3	7.53	n.a.	0.134	0.047	0.40	n.a.	BMB
4	9.27	Sulfate	13.536	4.684	39.26	96' 4.818	BMB
<b>Total:</b>			59.079	11.932	100.00	9.556	



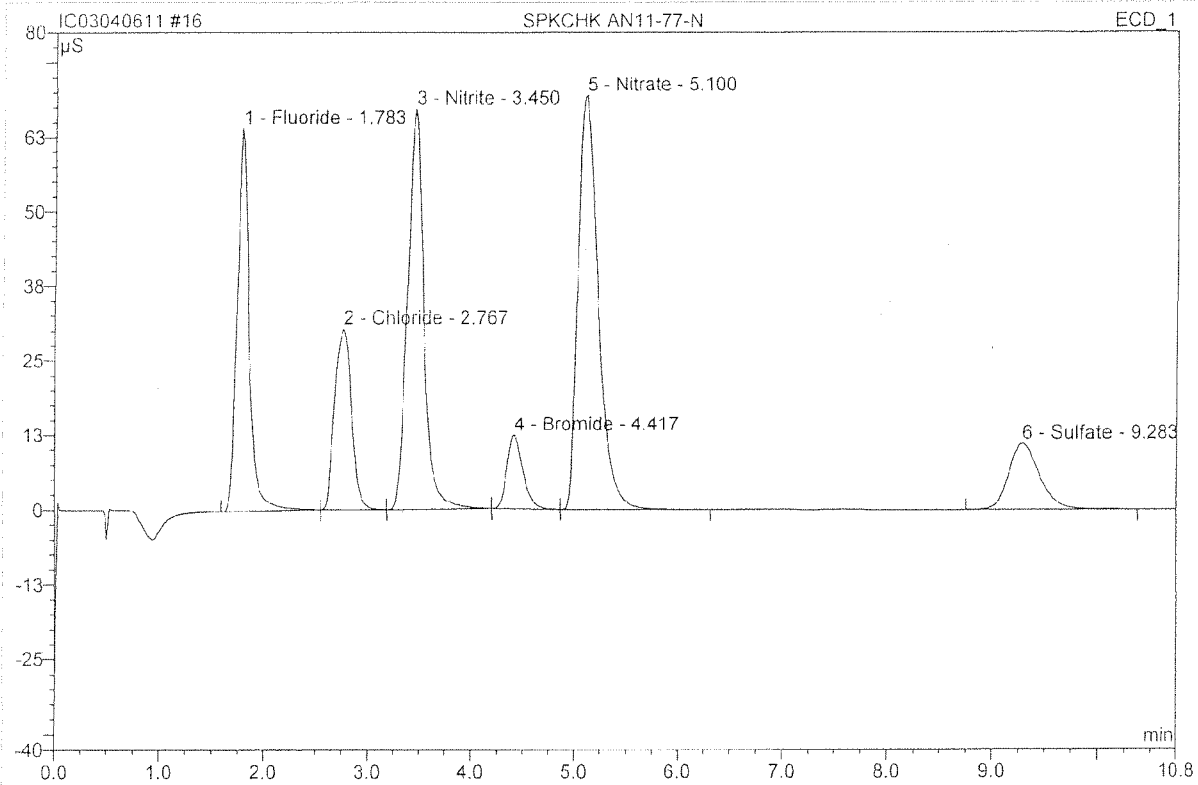
<b>15 F BR</b>			
<b>F BR</b>			
Sample Name:	F BR	Injection Volume:	200.0
Vial Number:	26	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	2.0000
Recording Time:	4/6/2011 9:34	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.82	Fluoride	82.459	11.165	90.55	101 11.062	BMB
2	2.80	Chloride	0.252	0.039	0.32	0.052	bMB
3	4.43	Bromide	5.486	1.026	8.32	96 3.852	BMB
4	7.57	n.a.	0.047	0.014	0.11	n.a.	BMB
5	9.35	Sulfate	0.232	0.086	0.70	0.177	BMB
<b>Total:</b>			88.477	12.329	100.00	15.142	

**16 SPKCHK AN11-77-N**

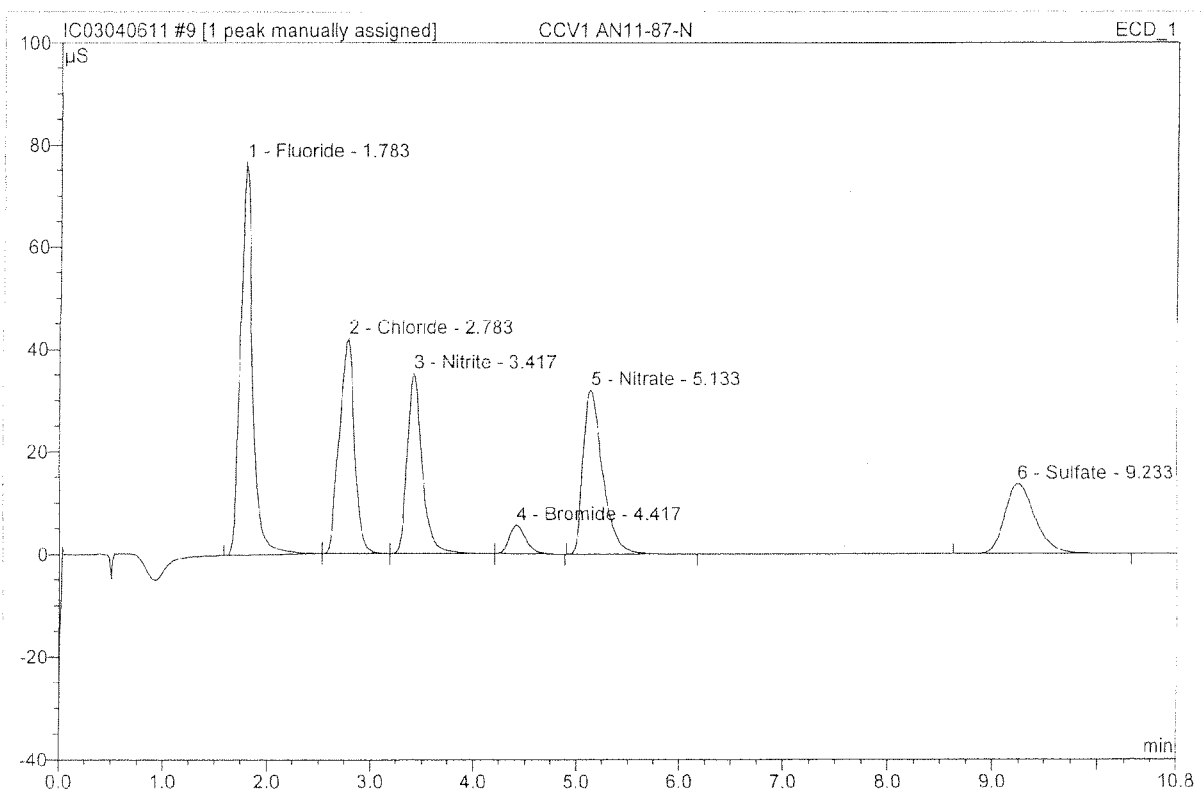
Sample Name:	SPKCHK AN11-77-N	Injection Volume:	200.0
Vial Number:	27	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 9:47	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride	64.231	8.524	17.77	4.223	BMb
2	2.77	Chloride	30.220	5.673	11.83	3.785	bMb
3	3.45	Nitrite	67.111	12.116	25.26	4.274	bMb
4	4.42	Bromide	12.359	2.202	4.59	4.135	bMb
5	5.10	Nitrate	69.460	15.682	32.70	4.232	bMB
6	9.28	Sulfate	11.087	3.765	7.85	3.873	BMB
<b>Total:</b>			254.468	47.961	100.00	24.522	

TV=4.0

<b>9 CCV1 AN11-87-N</b>			
<b>CCV1</b>			
Sample Name:	CCV1 AN11-87-N	Injection Volume:	200.0
Vial Number:	20	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 8:15	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride	76.827	10.354	28.61	103 5.129	BMB
2	2.78	Chloride	41.897	7.132	19.71	95 4.759	bMb
3	3.42	Nitrite	35.294	5.921	16.36	105 2.089	bMb
4	4.42	Bromide	5.641	1.031	2.85	97 1.936	bMB
5	5.13	Nitrate	32.133	7.062	19.52	96 1.906	BMB
6	9.23	Sulfate	13.852	4.684	12.94	96 4.818	BMB^
<b>Total:</b>			205.644	36.184	100.00	20.636	

After Initials nb

*cc 4/7/11*

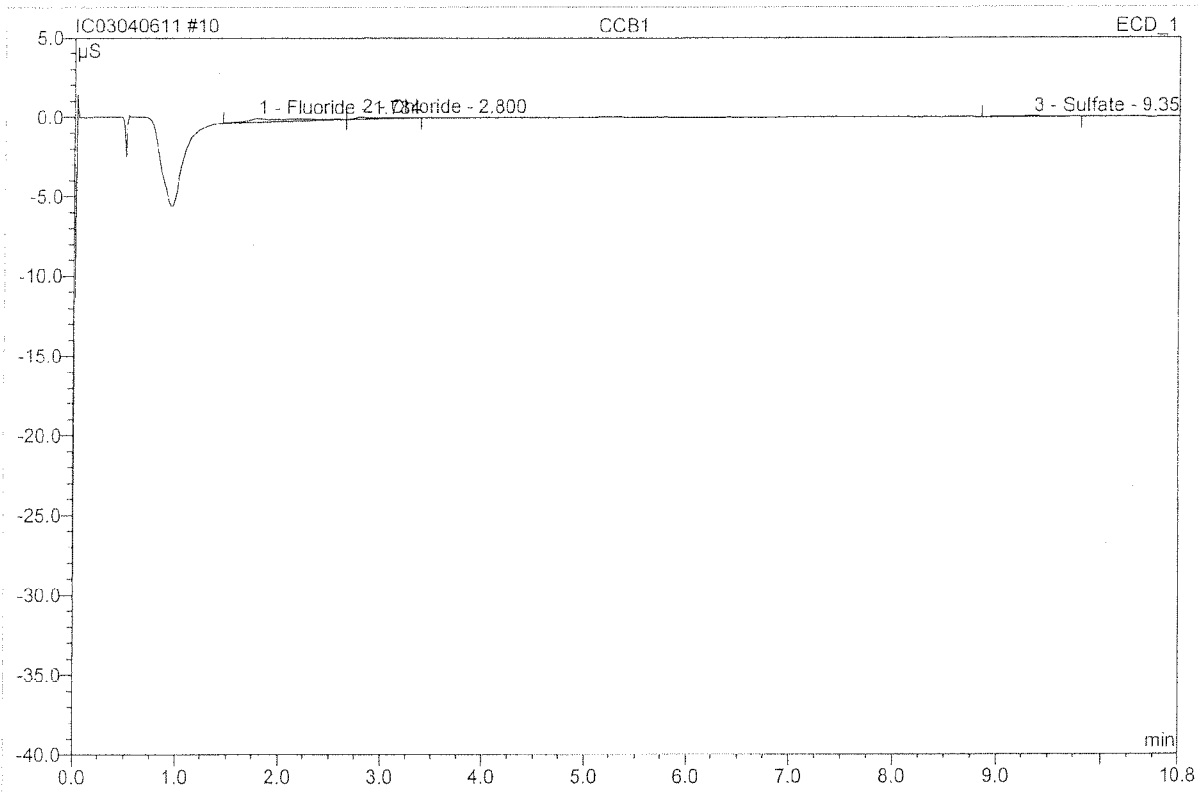
APR 06 2011

default/Integration

- Wrong Peak/Peak not Found
- Baseline/shoulder incorrect
- Other \_\_\_\_\_

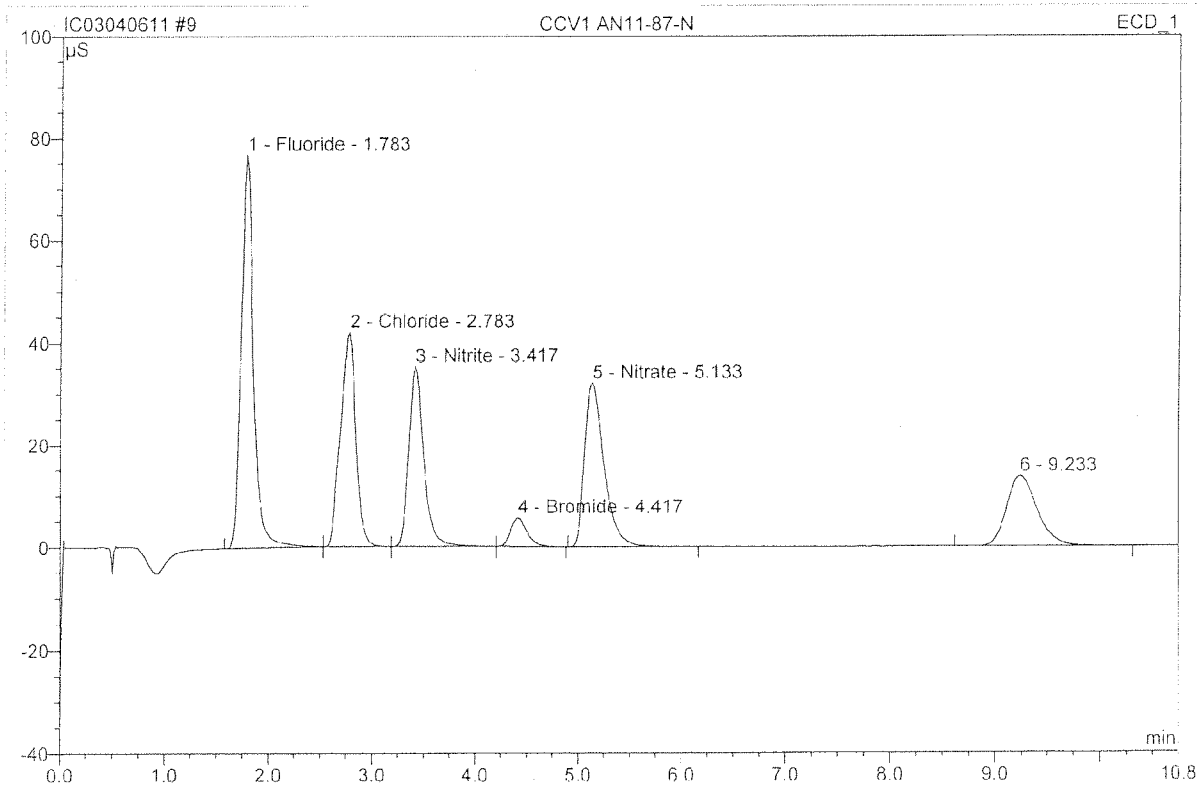
Chromeleon (c) Dionex 1996-2001  
Version 6.80 SP1 Build 2238

<b>10 CCB1</b>			
<b>CCB1</b>			
Sample Name:	CCB1	Injection Volume:	200.0
Vial Number:	21	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 8:28	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride	0.216	0.113	68.38	0.056	BMB
2	2.80	Chloride	0.123	0.034	20.50	0.023	bMB
3	9.35	Sulfate	0.048	0.018	11.12	0.019	BMB
<b>Total:</b>			0.386	0.165	100.00	0.097	

<b>9 CCV1 AN11-87-N</b>			
<b>CCV1</b>			
Sample Name:	CCV1 AN11-87-N	Injection Volume:	200.0
Vial Number:	20	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 8:15	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000

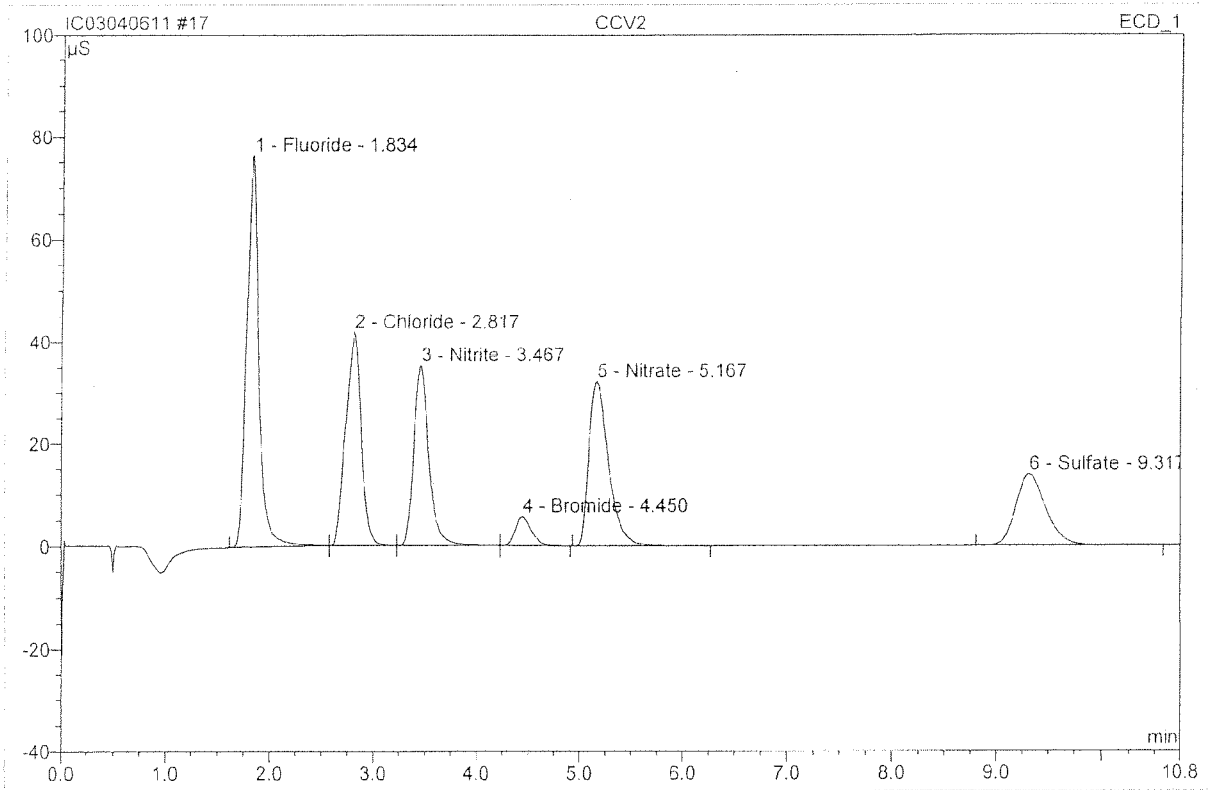


No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride	76.827	10.354	28.61	5.129	BMB
2	2.78	Chloride	41.897	7.132	19.71	4.759	bMB
3	3.42	Nitrite	35.294	5.921	16.36	2.089	bMB
4	4.42	Bromide	5.641	1.031	2.85	1.936	bMB
5	5.13	Nitrate	32.133	7.062	19.52	1.906	BMB
6	9.23	n.a.	13.852	4.684	12.94	n.a.	BMB
<b>Total:</b>			205.644	36.184	100.00	15.818	

Before

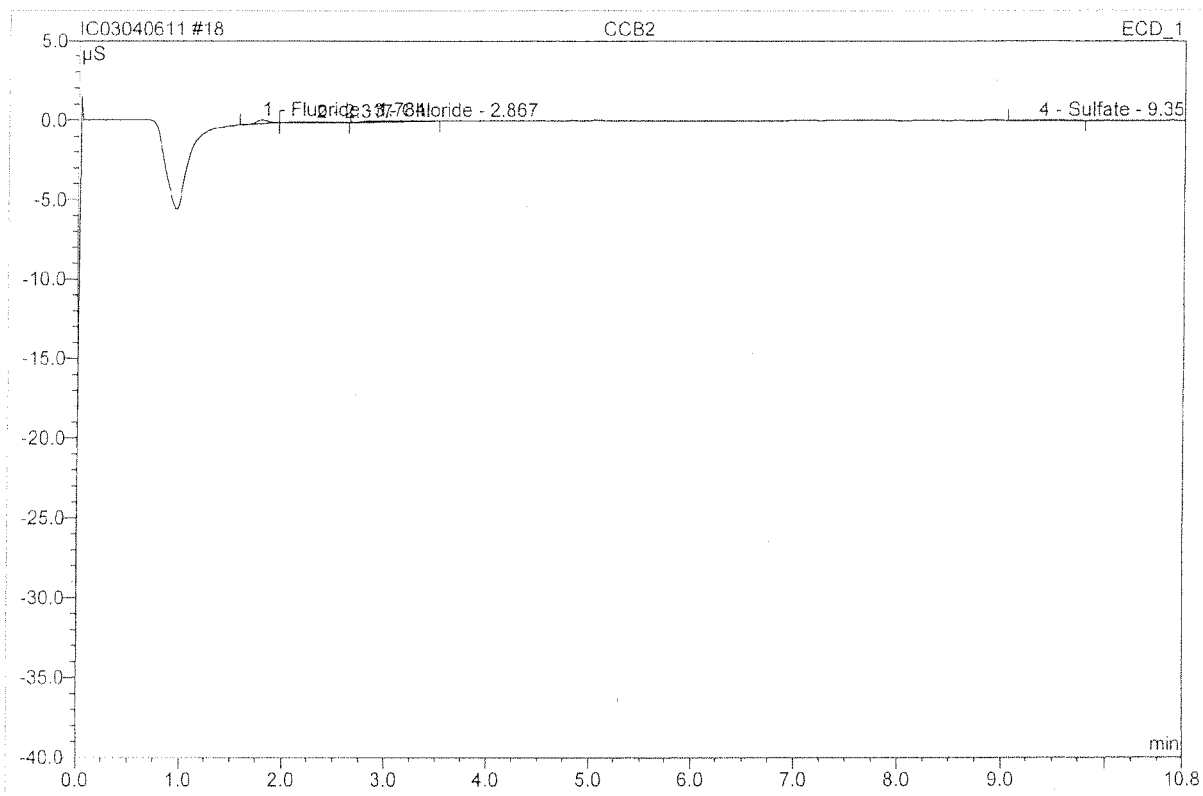
APR 06 2011

<b>17 CCV2</b>			
<b>CCV2</b>			
Sample Name:	CCV2	Injection Volume:	200.0
Vial Number:	28	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 10:01	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



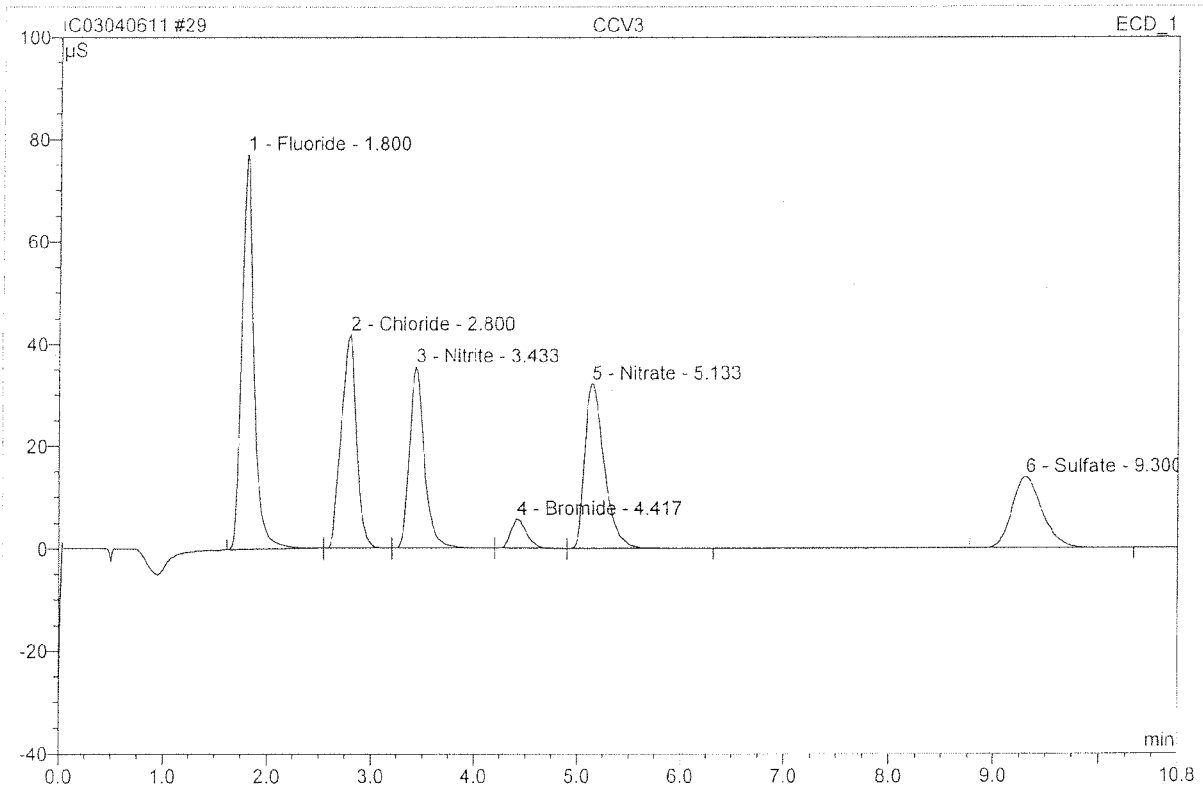
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.83	Fluoride	76.553	10.434	28.71	105 5.169	BMb
2	2.82	Chloride	41.671	7.133	19.63	95 4.759	bMb
3	3.47	Nitrite	35.259	5.946	16.36	105 2.097	bMb
4	4.45	Bromide	5.673	1.035	2.85	97 1.944	bMB
5	5.17	Nitrate	32.284	7.085	19.50	96 1.912	BMB
6	9.32	Sulfate	13.924	4.707	12.95	97 4.842	BMB
<b>Total:</b>			205.364	36.340	100.00	20.723	

<b>18 CCB2</b>			
<b>CCB2</b>			
Sample Name:	CCB2	Injection Volume:	200.0
Vial Number:	29	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 10:14	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.78	Fluoride	0.217	0.029	33.46	0.014	BMb
2	2.32	n.a.	0.032	0.014	15.69	n.a.	bMB
3	2.87	Chloride	0.084	0.032	36.68	0.021	BMB
4	9.35	Sulfate	0.031	0.012	14.18	0.013	BMB
<b>Total:</b>			0.364	0.087	100.00	0.048	

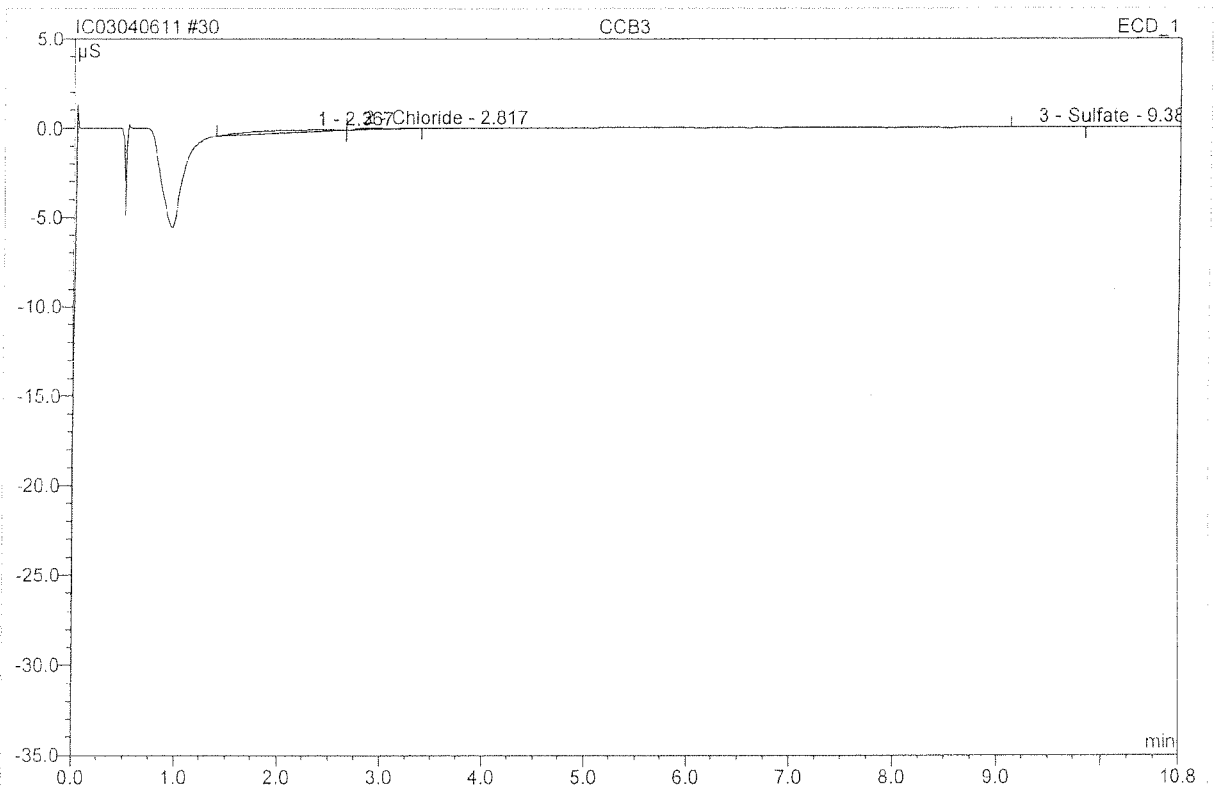
<b>29 CCV3</b>			
<b>CCV3</b>			
Sample Name:	CCV3	Injection Volume:	200.0
Vial Number:	40	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 12:40	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	1.80	Fluoride	77.239	10.401	28.60	103 5.152	BMb
2	2.80	Chloride	41.770	7.162	19.70	96 4.779	bMb
3	3.43	Nitrite	35.491	5.967	16.41	106 2.105	bMb
4	4.42	Bromide	5.646	1.032	2.84	97 1.938	bMb
5	5.13	Nitrate	32.195	7.103	19.54	96 1.917	bMB
6	9.30	Sulfate	13.891	4.695	12.91	97 4.829	BMB
<b>Total:</b>			206.232	36.360	100.00	20.720	

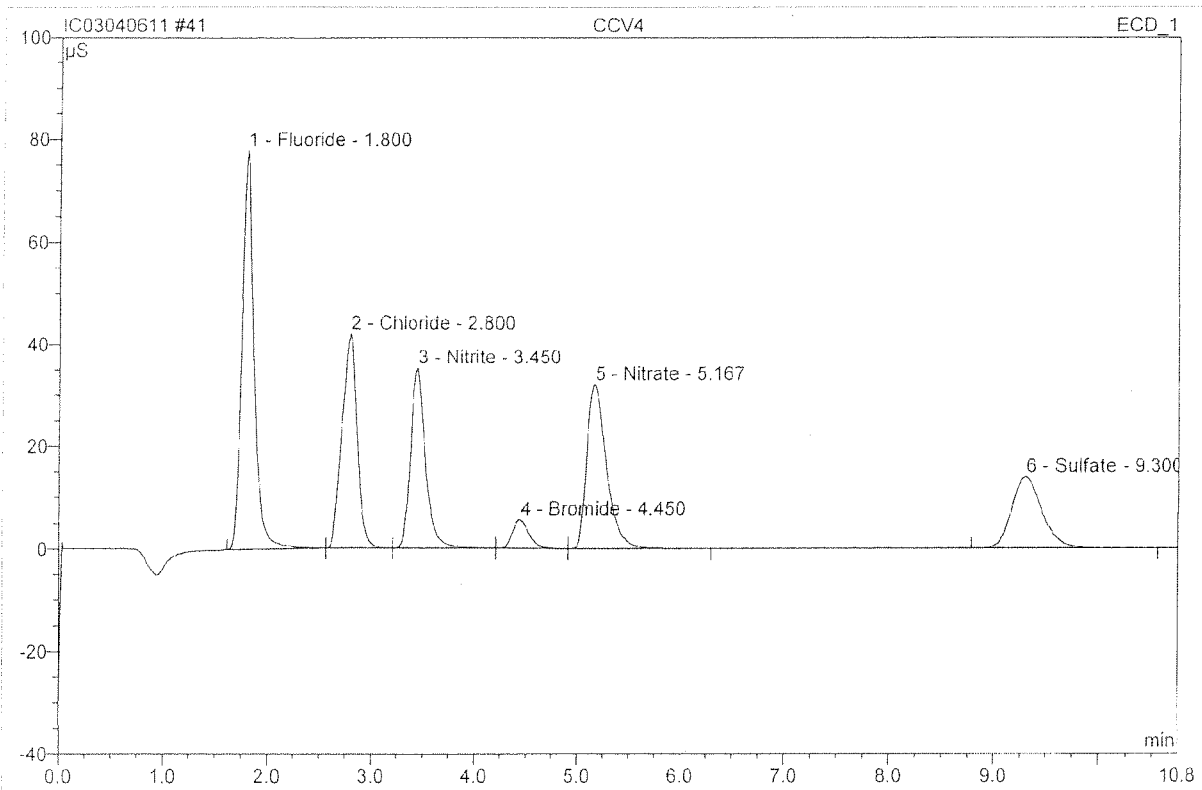


<b>30 CCB3</b>			
<b>CCB3</b>			
Sample Name:	CCB3	Injection Volume:	200.0
Vial Number:	41	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 12:53	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



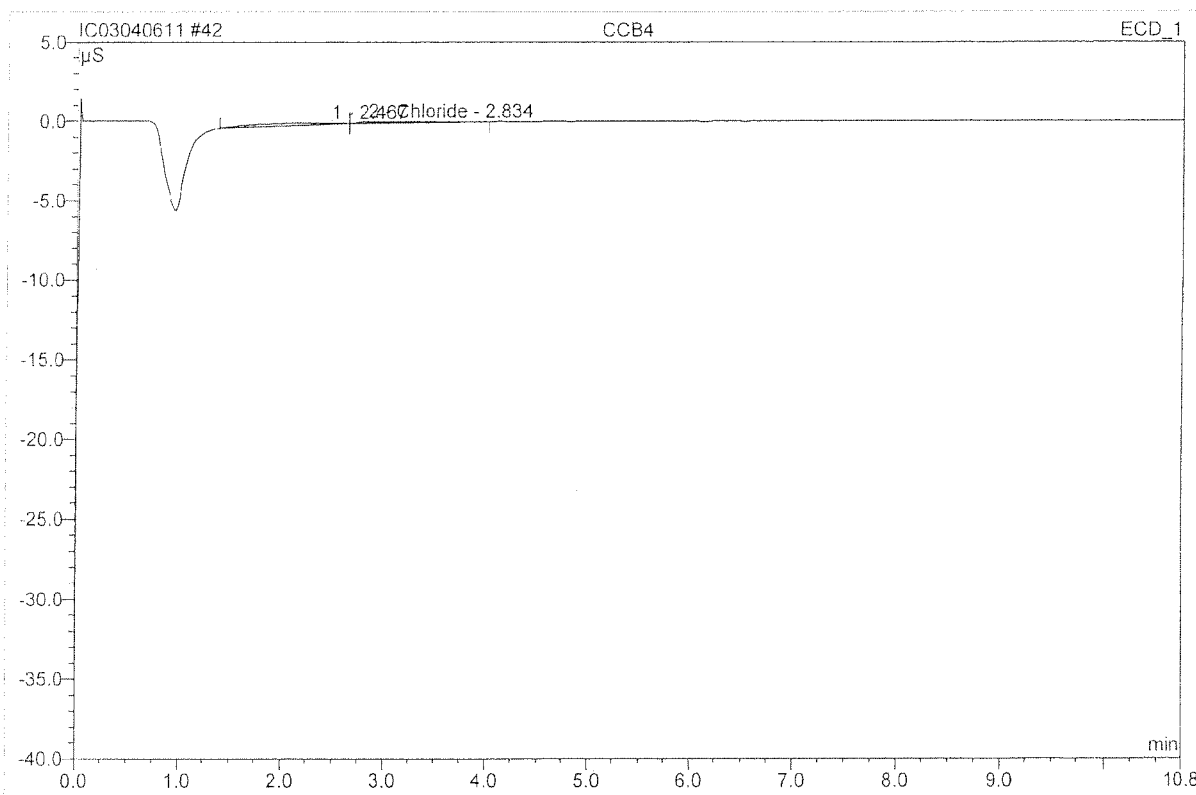
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.37	n.a.	0.101	0.137	78.37	n.a.	BMB
2	2.82	Chloride	0.096	0.027	15.76	0.018	bMB
3	9.38	Sulfate	0.033	0.010	5.88	0.011	BMB
<b>Total:</b>			0.230	0.174	100.00	0.029	

<b>41 CCV4</b>			
<b>CCV4</b>			
Sample Name:	CCV4	Injection Volume:	200.0
Vial Number:	52	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 15:18	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



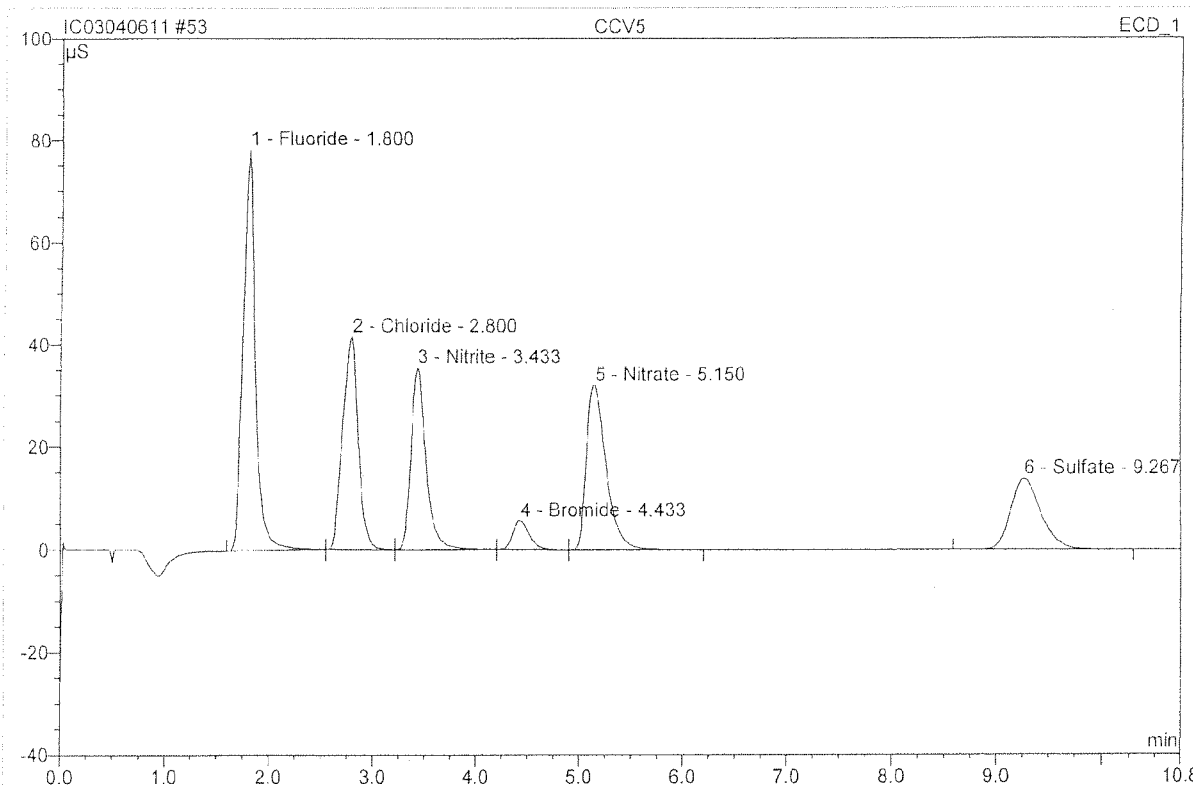
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.80	Fluoride	77.927	10.477	28.76	104 5.190	BMb
2	2.80	Chloride	41.941	7.186	19.73	96 4.794	bMb
3	3.45	Nitrite	35.322	5.941	16.31	105 2.096	bMb
4	4.45	Bromide	5.623	1.035	2.84	97 1.944	bMb
5	5.17	Nitrate	32.091	7.090	19.46	96 1.913	bMB
6	9.30	Sulfate	13.876	4.700	12.90	97 4.835	BMB
<b>Total:</b>			206.780	36.430	100.00	20.773	

<b>42 CCB4</b>			
<b>CCB4</b>			
Sample Name:	CCB4	Injection Volume:	200.0
Vial Number:	53	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 15:31	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



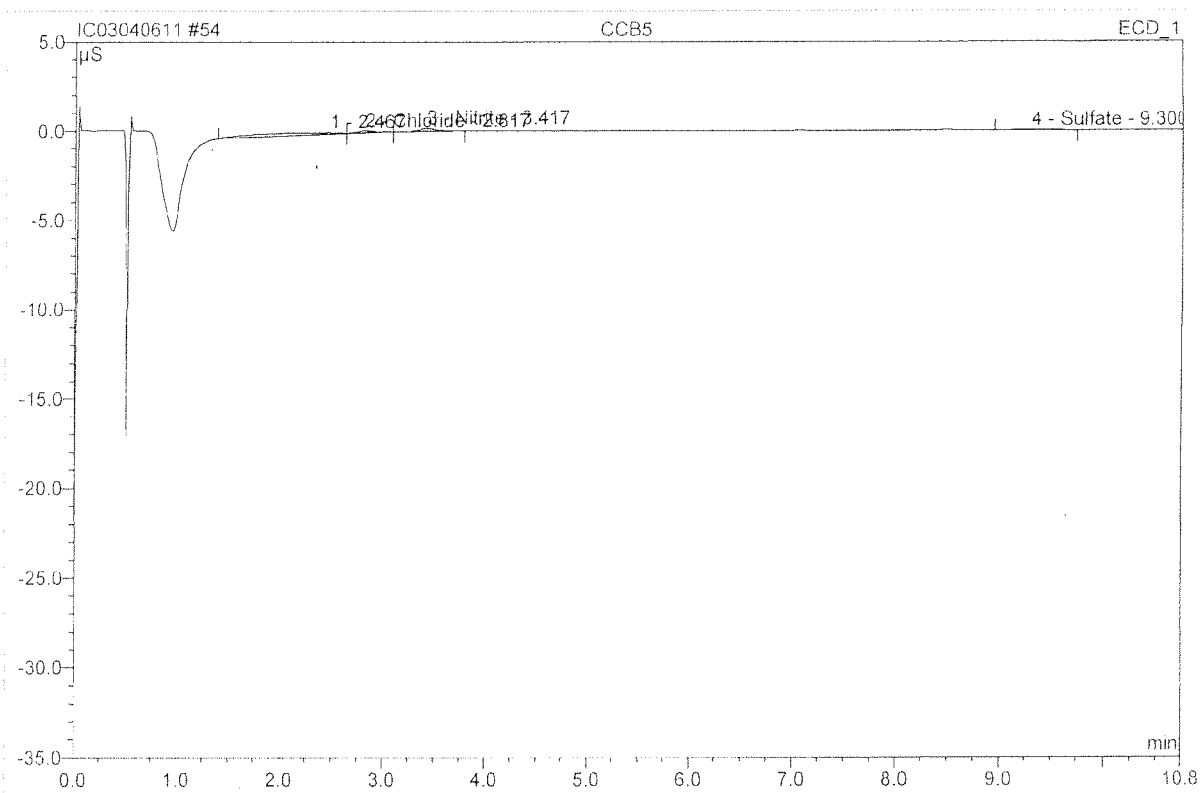
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.47	n.a.	0.076	0.135	69.79	n.a.	BMb
2	2.83	Chloride	0.100	0.058	30.21	0.039	bMB
<b>Total:</b>			0.176	0.193	100.00	0.039	

<b>53 CCV5</b>			
<b>CCV5</b>			
Sample Name:	CCV5	Injection Volume:	200.0
Vial Number:	64	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 17:57	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



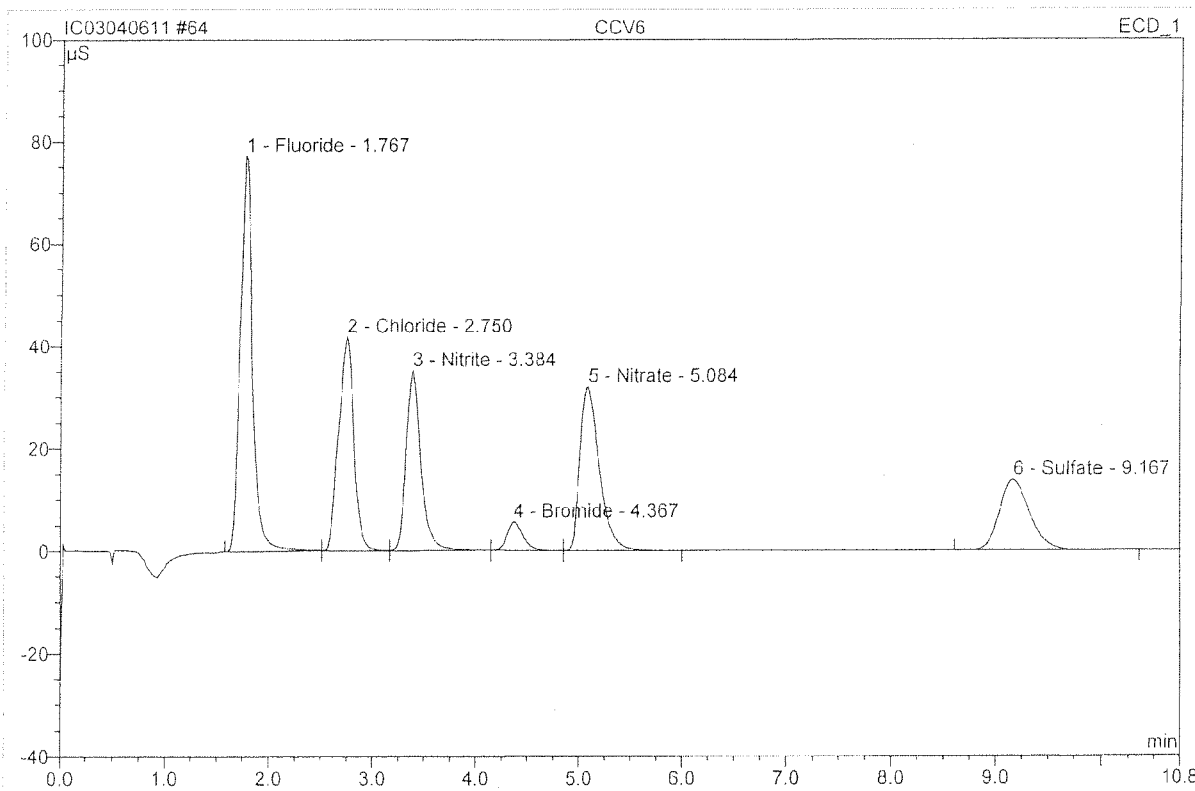
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.80	Fluoride	78.364	10.517	28.89	104-5.210	BMB
2	2.80	Chloride	41.532	7.154	19.65	95-4.773	bMb
3	3.43	Nitrite	35.478	5.969	16.39	106-2.106	bMb
4	4.43	Bromide	5.636	1.031	2.83	77-1.937	bMb
5	5.15	Nitrate	32.144	7.050	19.37	95-1.903	bMB
6	9.27	Sulfate	13.914	4.685	12.87	96-4.819	BMB
<b>Total:</b>			207.069	36.406	100.00	20.746	

<b>54 CCB5</b>			
<b>CCB5</b>			
Sample Name:	CCB5	Injection Volume:	200.0
Vial Number:	65	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 18:10	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



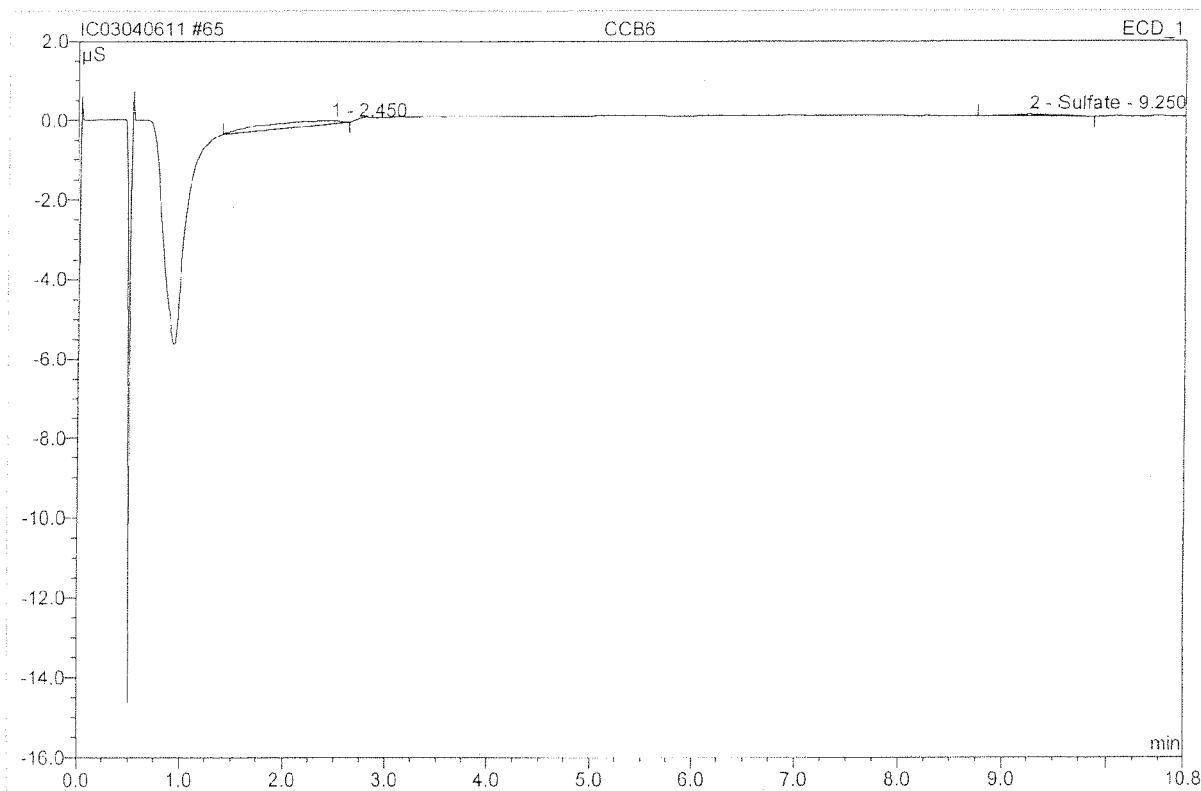
No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.47	n.a.	0.075	0.130	67.67	n.a.	BMb
2	2.82	Chloride	0.087	0.019	9.74	0.013	bMb
3	3.42	Nitrite	0.169	0.031	15.92	0.011	bMB
4	9.30	Sulfate	0.035	0.013	6.68	0.013	BMB
<b>Total:</b>			0.366	0.193	100.00	0.037	

<b>64 CCV6</b>			
<b>CCV6</b>			
Sample Name:	CCV6	Injection Volume:	200.0
Vial Number:	75	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 20:22	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.77	Fluoride	77.323	10.354	28.74	103 5.129	BMB
2	2.75	Chloride	41.690	7.119	19.76	95 4.749	bMB
3	3.38	Nitrite	35.139	5.862	16.27	100 2.068	bMB
4	4.37	Bromide	5.639	1.028	2.85	97 1.930	bMB
5	5.08	Nitrate	32.130	6.999	19.42	99 1.889	bMB
6	9.17	Sulfate	13.868	4.669	12.96	96 4.803	BMB
<b>Total:</b>			205.789	36.030	100.00	20.568	

<b>65 CCB6</b>			
<b>CCB6</b>			
Sample Name:	CCB6	Injection Volume:	200.0
Vial Number:	76	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantif. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	4/6/2011 20:35	Sample Weight:	1.0000
Run Time (min):	10.75	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height μS	Area μS*min	Rel.Area %	Amount	Type
1	2.45	n.a.	0.073	0.116	83.69	n.a.	BMB
2	9.25	Sulfate	0.046	0.023	16.31	0.023	BMB
<b>Total:</b>			0.119	0.138	100.00	0.023	