SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 061013-8, 061002-7, 060919-6
SRR: 29862, 29917, 29778
SDG: 287406, 286222
CASE: L. Yang
VTSR: October 13, 2006
PROJECT#: 06002..01.322

FINAL REPORT

SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010002

Sample ID

Cond. 130 °C 9/15/06

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 09/15/06

Matrix: Liquid

Project No.: 06002.01.322

Lab System ID: 286222

SRR: 29778

Task Order: 060919-6

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	10.6	0.1
Fluoride	<0.1	0.1
Nitrate-N	4.76	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010003

Sample ID
Cond. 130 °C 9/7/06

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 09/15/06

Matrix: Liquid

Project No.: 06002.01.322

Lab System ID: 286223

SRR: 29778

Task Order: 060919-6

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	12.3	0.1
Fluoride	<0.1	0.1
Nitrate-N	4.65	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010004

Sample ID
Cond. 130 °C 9/22/06

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 09/29/06

Matrix: Liquid

Project No.: 06002.01.322

Lab System ID: 287406

SRR: 29862

Task Order: 061002-7

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	10.1	0.1
Fluoride	<0.1	0.1
Nitrate-N	4.60	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010005

Sample ID: Cond. 130 °C 9/29/06

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 09/29/06

Matrix: Liquid

Project No.: 06002.01.322

Lab System ID: 287407

SRR: 29862

Task Order: 061002-7

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	7.96	0.1
Fluoride	<0.1	0.1
Nitrate-N	3.99	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET 010006

Sample ID

Cond. 130 °C 10/12/06

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Liquid

Lab System ID: 288097

Client: Division 20

Date Received: 10/13/06

Project No.: 06002.01.322

SRR: 29917

Task Order: 061013-8

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	8.94	0.1
Fluoride	<0.1	0.1
Nitrate-N	4.57	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

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SOUTHWEST RESEARCH INSTITUTE

SAMPLE ANALYSIS DATA SHEET

010007

Sample ID
Cond. 130 °C 10/6/06

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: 10/13/06

Matrix: Liquid

Project No.: 06002.01.322

Lab System ID: 288098

SRR: 29917

Task Order: 061013-8

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	9.93	0.1
Fluoride	<0.1	0.1
Nitrate-N	5.11	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

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SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE 010008

Sample ID
LCS

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.322

Lab System ID: NA

SRR: 29778, 29917

Task Order: 060919-6, 061013-8

Method: IC - EPA 300			
Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Bromide	414	400	104%
Chloride	208	200	104%
Fluoride	103	100	103%
Nitrate-N	91.4	90.4	101%
Nitrite- N	108	106	102%
Phosphate-P	199	196	102%
Sulfate	409	400	102%

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

LABORATORY CONTROL SAMPLE 010009

Sample ID
LCS

Lab Name: Southwest Research Institute

Client: Division 20

Lab Code: SwRI

Date Received: NA

Matrix: Liquid

Project No.: 06002.01.322

Lab System ID: NA

SRR: 29862

Task Order: 061002-7

Method: IC - EPA 300			
Analysis	Sample Result (mg/L)	True Value (mg/L)	Recovery
Bromide	415	400	104%
Chloride	212	200	106%
Fluoride	102	100	102%
Nitrate-N	91.7	90.4	101%
Nitrite- N	107	106	101%
Phosphate-P	200	196	102%
Sulfate	410	400	103%

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY 010010

Sample ID
PB

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Liquid

Lab System ID: NA

Client: Division 20

Date Received: NA

Project No.: 06002.01.322

SRR: 29778, 29917

Task Order: 060919-6, 061013-8

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	<0.1	0.1
Fluoride	<0.1	0.1
Nitrate-N	<0.1	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE

BLANK SUMMARY

010011

Sample ID
PB

Lab Name: Southwest Research Institute

Lab Code: SwRI

Matrix: Liquid

Lab System ID: NA

Client: Division 20

Date Received: NA

Project No.: 06002.01.322

SRR: 29862

Task Order: 061002-7

Method: IC - EPA 300		
Analysis	Sample Result (mg/L)	Reporting Limit (mg/L)
Bromide	<0.1	0.1
Chloride	<0.1	0.1
Fluoride	<0.1	0.1
Nitrate-N	<0.1	0.1
Nitrite- N	<0.1	0.1
Phosphate-P	<0.1	0.1
Sulfate	<0.1	0.1

NA- Not Applicable.

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SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 061013-8, 061002-7, 060919-6
SRR: 29862, 29917, 29778
SDG: 287406, 286222
CASE: L. Yang
VTSR: October 13, 2006
PROJECT#: 06002..01.322

Task Orders/01-QPP-015

Southwest Research Institute

Laboratory Task Order

TO #: 061013-8 Revision: 1

010013

SDG:
Other1: VTSR: 10/13/06

SRR #'s: 29917
Client(s): Div. 20

Project(s): 06002.01.322
Manager(s): SPIES, RADONNA
To PM:
To QA: 10/12/06
To Client: 11/15/06

Instructions

DIVISION 20 - CNWRA. NO TAT listed on COC. TWO samples received for NO3, NO2, CL and Na, K analysis. Point of Contact is LIETAI YANG (x2483, lietai.yang@swri.org). ---------- Work is 10 CFR 50 Appendix B, 10 CFR Part 21----------

Documents Related to this task order: 26400[COC 29917]

Deliverables --> Hard Copy: -YES- EDD: -YES- PDF: -YES-

Test: IC-300.0 Holding: 28 days from CED
Section: WETCHEM **IC Method 300.0 anions (only for Bromide, Chloride, Fluoride, Sulfate)** Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
288097		1	Liquid	Cond. 130 °C 10/12/06	12 Oct 06	09 Nov 06
288098		1	Liquid	Cond. 130 °C 10/6/06	06 Oct 06	03 Nov 06

Test: ICP-6010B Holding: 180 days from CED
Section: METALS **ICP Method 6010B Total Metals** Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
288097		1	Liquid	Cond. 130 °C 10/12/06	12 Oct 06	10 Apr 07
288098		1	Liquid	Cond. 130 °C 10/6/06	06 Oct 06	04 Apr 07

Southwest Research Institute

Laboratory Task Order

TO #: 061002-7 Revision: 0

010014

SDG: 287406
VTSR: 09/29/06
CASE: YANG

SRR #'s: 29862
Client(s): Div. 20

Project(s): 06002.01.322
Manager(s): SPIES, RADONNA
To PM: 10/09/06
To QA: 10/09/06
To Client: 10/12/06

Instructions

DIVISION 20 - CNWRA. NO TAT listed on COC.
TWO samples received for NO3, NO2, CL and Na, K analysis. Point of Contact is LIETAI YANG (x2483, lietai.yang@swri.org).

Work is 10 CFR 50 Appendix B, 10 CFR Part 21, contact MARK EHNSTROM (ext. 3530) or CHARLIE BUTCHER (ext. 5928, pager 271-5172) or JO ANN BOYD (ext. 2169) BEFORE STARTING ANY WORK ON THIS TASK ORDER.

** NOTE ** Somewhere on your data, please make a notation indicating WHO and WHEN Mark Ehnstrom or Charlie Butcher or Jo Ann Boyd were contacted. This will help facilitate the final package to QA.

Documents Related to this task order: 26184[COC 29862]

Deliverables --> Hard Copy: -YES- EDD: no PDF: no

Test: DIL-DILUTION Holding: 28 days from CED
Section: METALPREP **Prep, Dilution** Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
287406		1	Liquid	Cond. 130 °C 9/22/06	22 Sep 06	20 Oct 06
287407		1	Liquid	Cond. 130 °C 9/29/06	29 Sep 06	27 Oct 06

Test: IC-300.0 Holding: 28 days from CED
Section: WETCHEM **IC Method 300.0 anions (only for Bromide, Chloride, Fluoride, Sulfate)** Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
287406		1	Liquid	Cond. 130 °C 9/22/06	22 Sep 06	20 Oct 06
287407		1	Liquid	Cond. 130 °C 9/29/06	29 Sep 06	27 Oct 06

Test: ICP-SWRI Holding: 180 days from CED
Section: METALS **ICP Analysis by SwRI Method - SODIUM, POTASSIUM** Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
287406		1	Liquid	Cond. 130 °C 9/22/06	22 Sep 06	21 Mar 07
287407		1	Liquid	Cond. 130 °C 9/29/06	29 Sep 06	28 Mar 07

Southwest Research Institute

Laboratory Task Order

TO #: 060919-6 Revision: 0

010015

SDG: 286222
VTSR: 09/15/06
CASE: YANG

SRR #'s: 29778
Client(s): Div. 20

Project(s): 06002.01.322
Manager(s): SPIES, RADONNA
To PM: 09/29/06
To QA: 09/29/06
To Client: 10/05/06

Instructions

DIVISION 20 - CNWRA. NO TAT listed on COC.
TWO samples received for NO3, NO2, CL and Na, K analysis. Point of Contact is LIETAI YANG (x2483, lietai.yang@swri.org).

Work is 10 CFR 50 Appendix B, 10 CFR Part 21, contact MARK EHNSTROM (ext. 3530) or CHARLIE BUTCHER (ext. 5928, pager 271-5172) or JO ANN BOYD (ext. 2169) BEFORE STARTING ANY WORK ON THIS TASK ORDER.

** NOTE ** Somewhere on your data, please make a notation indicating WHO and WHEN Mark Ehnstrom or Charlie Butcher or Jo Ann Boyd were contacted. This will help facilitate the final package to QA.

Documents Related to this task order: 25852[COC 29778]

Deliverables --> Hard Copy: -YES- EDD: no PDF: no

Test: DIL-DILUTION
Section: METALPREP
Holding: 28 days from CED
Prep, Dilution
Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
286222		1	Liquid	Cond. 130 °C 9/15/06	15 Sep 06	13 Oct 06
286223		1	Liquid	Cond. 130 °C 9/7/06	07 Sep 06	05 Oct 06

Test: IC-300.0
Section: WETCHEM
Holding: 28 days from CED
IC Method 300.0 anions
Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
286222		1	Liquid	Cond. 130 °C 9/15/06	15 Sep 06	13 Oct 06
286223		1	Liquid	Cond. 130 °C 9/7/06	07 Sep 06	05 Oct 06

Test: ICP-SWRI
Section: METALS
Holding: 180 days from CED
ICP Analysis by SwRI Method - SODIUM, POTASSIUM
Cnt: 2

System ID	Type	Cont	Matrix	Customer ID	CED	Method Date
286222		1	Liquid	Cond. 130 °C 9/15/06	15 Sep 06	14 Mar 07
286223		1	Liquid	Cond. 130 °C 9/7/06	07 Sep 06	06 Mar 07

~~Uncontrolled Copy~~
Dispose of by end of day on date printed

010016

01-QPP-015
Division 01
Revision 6
June 2006

Document No._____

Division 01

Chemistry and Chemical
Engineering Division

QUALITY PROJECT PLAN FOR

PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY

SOUTHWEST RESEARCH INSTITUTE
Chemistry and Chemical Engineering Division
6220 CULEBRA ROAD, SAN ANTONIO, TEXAS 78238

QUALITY PROJECT PLAN FOR PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIONMENTAL CHEMISTRY

SwRI AUTHORIZATION SIGNATORIES

This is to certify that this Quality Project Plan of Southwest Research Institute (SwRI) has been reviewed and approved by the following personnel:

JO ANN BOYD (210) 522-2169 — **DATE** 6/28/06
Quality Assurance Manager

REZA KARIMI (210) 522-2412 — **DATE** 6/28/06
Director, Department of Analytical and Environmental Chemistry

MICHAEL G. MACNAUGHTON (210) 522-5162 — **DATE** 6/29/06
Vice President, Chemistry and Chemical Engineering Division

CHRISTOPHER HOBSON (210) 522-5838 — **DATE** 7/6/2006
Quality Assurance Engineer

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PERFORMANCE OF CHEMICAL ANALYSES FOR COMMERCIAL NUCLEAR POWER PLANTS WITHIN THE DEPARTMENT OF ANALYTICAL AND ENVIRONMENTAL CHEMISTRY

1.0 INTRODUCTION

This Quality Project Plan (QPP) defines the Quality Assurance (QA) program requirements for personnel providing the chemical analyses for commercial nuclear power plants. Southwest Research Institute (SwRI) ***Program Quality Plan (PQP-Nuclear)***, *Nuclear Services* shall implement the QA requirements. Project activities controlled by the PQP-Nuclear shall be accomplished as specified by the appropriate sections of **01-QAP-004**, *Quality Assurance Plan for Analytical and Environmental Services* and/or nationally recognized testing methods as specified on individual purchase orders. This QPP shall be applied to all projects initiated for nuclear utilities in the Department of Analytical and Environmental Chemistry. If, as a result of complexity, duration, or other factors, it is determined that a unique, project-specific quality plan is required, the project QAE shall notify the Project Manager and a project-specific quality plan shall be generated in accordance with **SOP-01-4.2.1**, *Preparation and Revision of Documented Procedures.*

2.0 SCOPE

This Quality Project Plan shall be applied to the chemical analyses performed for commercial nuclear power plants by the Department of Analytical and Environmental Chemistry within the Chemistry and Chemical Engineering Division. Although the majority of the work performed for nuclear facilities resides within the Department of Analytical and Environmental Chemistry, other departments within the division may utilize this Quality Project Plan as deemed necessary when nuclear projects are conducted.

3.0 REFERENCES

3.1 *SwRI Quality System Manual – 2000*

3.2 *10 CFR 50, Appendix B, ASME NQA-1*

3.3 *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services*

3.4 01-QAP-004, *Quality Assurance Plan for Analytical and Environmental Services*

4.0 APPLICABLE SECTIONS OF SwRI PROGRAM QUALITY PLAN (PQP-NUCLEAR)

4.1 Indoctrination and Training

4.1.1 Personnel performing duties affecting quality shall receive quality training to the *SwRI Program Quality Plan (PQP-Nuclear), Nuclear Services* prior to performing any work on projects for nuclear utilities. This training will be conducted either by Institute Quality Systems (IQS) or Division 01 Quality Assurance personnel and documentation shall be evident in the personnel training files maintained in Division

01 Quality Assurance.

4.1.2 Indoctrination and training of personnel shall be conducted in accordance with **SOP-01-6.2.1**, *Qualification and Training.*

4.2 Qualification of Personnel

4.2.1 Testing personnel shall be designated as qualified to perform applicable project activities as specified in **SOP-01-6.2.1**, *Qualification and Training.*

4.2.2 During the performance of each testing process, testing personnel shall have access to the necessary documented procedures, i.e., QPP, QAP, Task Order, Division Quality System Standard Operating Procedures (SOPs), and applicable test/analytical procedures (TAPs) available for ready reference.

4.2.3 Any person who has not performed testing activities associated with any particular method being used for nuclear utilities projects for a period of one year shall be reevaluated prior to the conduct of the test.

4.2.4 Quality Assurance personnel witnessing the testing process for nuclear utilities shall have documented evidence of qualifications maintained by Institute Quality Systems or Division 01 Quality Assurance.

4.3 Design Control

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

4.4 Right of Access

4.4.1 Procurement documents shall provide for access to the suppliers' facilities and records for surveillance, inspection, or audit by SwRI and clients.

4.4.2 Where appropriate, quality clause **Q32** shall be noted on the procurement documents to indicate that right of access for inspection and surveillance of activities associated with the order shall be afforded to SwRI and clients.

4.5 Control of Supplier-Generated Documents

4.5.1 Client documents shall be controlled in accordance with **SOP-01-4.2.1**, *Preparation and Revision of Documented Procedures.* These procedures provide the requirements for the preparation, review, approval, issue, distribution, and revision of documents controlled by the Chemistry and Chemical Engineering Division.

4.5.2 Documents may be controlled as Plans or Work Instructions and shall be accessible through the Division Intranet link, ***Contract Requirements*** as PDF files.

4.5.3 Nationally recognized test methods shall be of the most current issue or as specified in the purchase order. Task orders shall identify the applicable test methods to be used on the nuclear project.

4.6 Acceptance of Services Only

Not applicable to activities conducted within the Department of Analytical and Environmental Chemistry.

4.7 Commercial Grade Items

4.7.1 Where an item is to be incorporated into a test or deliverable to a client, and that item is not subject to design or specification requirements that are unique to nuclear facilities, used in applications other then nuclear facilities, and procured from the supplier on the specifications set forth in the manufacturers' published product and description, the item shall be considered "commercial grade".

4.7.2 Chemical reagents and standards used for testing purposes shall be ordered to specific chemical grades and certificates of analysis shall be required with each lot.

4.7.3 Controls for procurement planning, supplier selection, supplier performance evaluation, and acceptance of procured items and services other than chemical reagents and standards shall be as identified in **SOP-01-7.4.1**, *Purchasing*, and any referenced document within that procedure.

4.7.4 Receipt inspection of chemical reagents, standards, and test items for use on nuclear safety-related projects shall be performed by department personnel and documented on the *SwRI Receipt Traveler* or **FRM-109**, *Item Receipt Report*, as specified in **SOP-01-8.2.4**, *Monitoring and Measurement*. Any discrepancy such as a damaged container or container label shall be documented on the form and the client shall be contacted for disposition.

4.7.5 Prior or acceptance of a commercial grade item, the receipt inspection shall determine the following:

(a) Damage was not sustained during shipment;

(b) The item has satisfied the specified acceptance criteria; and

(c) Specified documentation, as applicable to the item, was received and is acceptable.

4.7.6 Receipt inspection of chemical reagents and standards shall also consist of verification of chemical type, grade, container integrity, certificate of analysis, and shelf life, where applicable. Upon acceptance of chemical reagents and standards, the containers shall be labeled with the following:

(a) Chemical name;

(b) Chemical grade;

(c) Lot code;

(d) Date received; and

(e) Shelf life, when applicable.

4.7.7 Expired shelf life items shall not be used for testing purposes.

4.7.8 Lot codes of chemical reagents and standards used during equipment standardization and testing shall be recorded on the individual testing data sheets to provide traceability.

4.7.9 Samples supplied to SwRI for testing shall be received by the Sample Custodian and logged into the laboratory logbook. Sample documentation and sample custody shall be maintained in accordance with **TAP-01-0407-001**, *Sample Receipt Inspection*, and **TAP-01-0407-035**, *Organic and Inorganic Sample Security*.

4.7.10 Samples supplied to SwRI for testing shall be labeled with the following:

(a) Sample control number;

(b) Purchase order number;

(c) Purchase order line item number, as applicable;

(d) Task order number;

(e) Nuclear QA label; and

(f) Sample retention date, when applicable.

4.7.11 In the event that samples are damaged upon receipt, a ***Sample Discrepancy Record*** shall be generated from the Division Intranet.

4.7.12 The testing task order shall list the project number, tests required, test methods required, and shall be labeled *Nuclear Quality*.

4.7.13 Identification and traceability shall be maintained in accordance with **SOP-01-7.5.1**, *Item Identification and Traceability*.

4.8 Inspection

4.8.1 Inspection for acceptance shall be performed by qualified persons other than those who conduct or directly supervise the work being inspected.

4.8.2 Institute Quality System (IQS) personnel shall perform surveillance activities as required to ensure compliance with the contract and this Quality Project Plan. Specific areas in which IQS may perform surveillance activities include, but are not limited to, the following:

(a) Receiving inspection and labeling of chemical reagents, standards, and testing samples;

(b) Testing processes;

(c) Calibration and major equipment;

(d) Sample and record retention; and

(e) Test records.

4.9 Inspection and Testing

4.9.1 Required tests for acceptance shall be conducted under appropriate environmental conditions using the tools and equipment necessary to conduct the test in a manner to fulfill test requirements and acceptance criteria.

4.9.2 Tests shall be conducted, controlled, and verified in accordance with **SOP-01-8.2.4**, *Monitoring and Measurement.*

4.9.3 Controls for measuring and test equipment shall be as specified in **SOP-01-7.6.1**, *Control of Measuring and Test Equipment.*

4.9.4 Controls for identification, segregation, reporting, and resolution of nonconforming items and conditions shall be as specified in **SOP-01-8.3.1**, *Nonconformance Reporting.*

4.10 Handling, Storage, Packaging, Preservation, and Delivery

4.10.1 Controls for handling, storage, packaging, preservation, and delivery of items are identified in **SOP-01-7.5.3**, *Handling, Storage, Packaging, Protection, and Delivery of Items.*

4.10.2 Samples specified on the purchase order to be returned to the client shall be prepared and packaged as specified on the purchase order. Each package shall be marked legibly and indelibly with the purchase order/release number and line item number(s) relevant to the package.

4.11 Quality Assurance Records

4.11.1 Quality assurance records shall furnish documentary evidence that items or activities meet specified quality requirements. Documents that ensure this evidence include **TAP-01-0407-014**, *Inventory of Case File Purges*, and **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*. These documents and this QPP ensure that QA records shall be legible, identifiable, retrievable, and maintained in dual storage.

4.11.2 Records shall be traceable to associated items and activities and shall accurately reflect the work accomplished or information required.

4.11.3 Documents shall be considered valid records only if stamped, initialed or signed and dated by authorized personnel or otherwise authenticated.

4.11.4 Records of test analyses performed by the Department of Analytical and Environmental Chemistry are classified as *nonpermanent* and shall be retained for a minimum of five years. Nonpermanent records are those required to show evidence that an activity was performed in accordance with the applicable requirements, but need not be retained for the life of the item. Based on the use of the final data, the client shall be responsible for determining and implementing permanent storage requirements.

4.11.5 In order to satisfy duplicate storage requirements, one copy of the QA record shall maintained by the Project Manager in Building 70 and a separate copy shall be maintained in the Division Quality Assurance Archives in Building 201. Storage requirements shall be as stated in **SOP-01-4.2.4**, *Storage and Maintenance of Quality Records*, to ensure protection against the risk of damage or destruction.

4.12 10 CFR, Part 21

4.12.1 SwRI procurement documents shall include requirements for reporting and approving disposition of supplier nonconformances and, when required, compliance to 10 CFR, Part 21.

4.12.2 The Manager of Institute Quality Assurance or Director of Institute Quality Systems shall determine if a nonconforming condition is reportable under 10 CFR, Part 21, and initiate reporting and condition in accordance with the SwRI Operating Policies and Procedures (OPP). Safety hazards or defects that could create a substantial safety hazard shall be reported. Substantial safety hazard means a loss of safety function to the extent that there is a major reduction in the degree of protection provided to public health and safety.

4.13 Certified Test Report

The Project Manager, Division 01 QA Manager, and IQS Managemet as complying with all contractual requirements shall certify test reports. The certified test report shall reference the purchase order/release number, the test methods performed, and the purchase order/release line item number.

4.14 Valid Documents List

The Department of Analytical and Environmental Chemistry task order shall specify all applicable documents and appropriate document revision level for each document. The task order shall then serve as the Valid Documents List (VDL) for each individual project.

5.0 HISTORY OF REVISIONS

Versions 0 through 3 of this plan are maintained on record in Division 01 Quality Assurance.

Revision 4
Title of document changed from the Standard Project Quality Plan *SPQP-CH/AN* to Quality Project Plan, *QPP-015*
Extensive revision to comply with Project Quality Plan PQP-Nuclear, *Nuclear Services*, which replaces SwRI NQAPM, *Nuclear Quality Assurance Program Manual.*

Revision 5
Revised 4.1.1 to include designated Division 01 QA staff to conduct pertinent nuclear training sessions to the SwRI Program Quality Plan (PQP-Nuclear), *Nuclear Services*
Revised step 4.2.4 to include Division QA as an entity along with IQS, to maintain documented evidence of qualifications.

Revision 6
Revised 4.13 to include "Division 01 QA Manager" for the minimum approval signatures for test procedures for nuclear utility final test reports and to replace "Institute Quality Assurance" with "IQS Management"

ORGANICS

Southwest Research Institute

PERSONNEL SIGNATURE SHEET FOR PLANS

010026

I have read, and understand the document listed below. By affixing my signature below, I am aware that I am responsible for abiding by and following the requirements identified in the plan specified below. If I become aware of any deviations from this document, I will inform my supervisor.

Doc Number, Title, and (Rev No/Year): **QPP-015, Performance of Chemical Analyses for Commercial Nuclear Power Plants within the Department of Analytical & Environmental Chemistry (Rev 6/July 06)**

Printed Name	Signature	Date	Tel Extension
Jenny Zhang		9/28/06	2759
Pamela Piccin		9/28/06	2167
Jason D. Herrera		9/28/06	2186
William L. Barclay Jr.		9/28/2006	9527

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension

METALS / WETCHEM / RAD

Southwest Research Institute

010027

PERSONNEL SIGNATURE SHEET FOR PLANS

I have read, and understand the document listed below. By affixing my signature below, I am aware that I am responsible for abiding by and following the requirements identified in the plan specified below. If I become aware of any deviations from this document, I will inform my supervisor.

Doc Number, Title, and (Rev No/Year): **QPP-015, Performance of Chemical Analyses for Commercial Nulcar Power Plants within the Dept of Analytical and Environmental Chemistry (Rev 6/July 06)**

Printed Name	Signature	Date	Tel Extension
Valerie DeJesus	Valerie DeJesus	07/20/06	3129
Warren A. Naegeli	Warren A. Naegeli	07/20/06	6079
Carolina Orduña	Orduña	7/20/06	3146
Darin Harris		7-20-06	3423
Jackie Ranger	Jranger	7/20/06	3320
James Tobs		07/20/06	8878
Bernie Villasenor		7/20/06	2702
RaeLonna Spies	RSpies	7/20/06	3242

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension

Southwest Research Institute

010028

PERSONNEL SIGNATURE SHEET FOR PLANS

I have read, and understand the document listed below. By affixing my signature below, I am aware that I am responsible for abiding by and following the requirements identified in the plan specified below. If I become aware of any deviations from this document, I will inform my supervisor.

Doc Number, Title, and (Rev No/Year): **QPP-015, Performance of Chemical Analyses for Commercial Nulcar Power Plants within the Dept of Analytical and Environmental Chemistry (Rev 6/July 06)**

Printed Name	Signature	Date	Tel Extension
DAVID A PINEDA		7.13.2006	2776
Marissa A. Rodriguez		7/13/06	2476
Roger Presas		7/13/06	3682
Cynthia A. Saucedo		7/13/06	5896

Supervisor's/Manager's Signatures

The Personnel whose signatures appear above have been trained and certified in the contents of the document identified above:

Printed Name	Signature	Date	Tel Extension
JoAnn Boyd		07/13/06	2169

010029

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 061013-8, 061002-7, 060919-6
SRR: 29862, 29917, 29778
SDG: 287406, 286222
CASE: L. Yang
VTSR: October 13, 2006
PROJECT#: 06002..01.322

Chain of Custody/Login Paperwork

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/Address:

Client: Lietai Yang X 2483

Client Purchase Order/Other ID: 06002.01.322.1.20

Site/Zone ID:

Requested Turnaround:
- 2 Weeks
- 3 Weeks
- Other: ✓

SwRI Contact: R. Spies

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers											
											Lg. 9/15/06					
Cond. 130°C	9/7/06				1	Na^+	K^+	Cl^-	NO_3^-	NO_2^-	~~SO~~	Si				
Cond. 130°C	9/15/06				1	↓	↓	↓	↓	↓		↓				↓

Please Return Used Samples

REMARKS
Preservation
- a = HCl to pH <2
- b = HNO_3 to pH <2
- c = H_2SO_4 to pH <2
- d = NaOH to pH >12
- e = Cool (4°C±2°C)
- f = Other (specify)

Matrix Types:
- A – Air
- B – Biota
- D - Dust
- E – Emission/Stack
- L - Liquid
- P – Product
- Sd - Solid
- S – Soil
- SED – Sediment
- T - Tissue
- W - Water
- WP - Wipe

Sample Types:
- D - Duplicate
- ER – Equipment Rinsate
- ES – Environmental Sample
- FB – Field Blank
- FD – Field Duplicate
- MS – Matrix Spike
- MSD – Matrix Spike Dup
- TB – Trip Blank

Temp: 22.0°C

Therm #: c27

Relinquished by (Print/Signature)	Date	Time
Steve Young	9/15/06	1600
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time

SwRI Project#: see above

Received by SwRI Lab: (Signature) [signature]

Date	Time
9/15/06	1600

Samples Disposed:

Date	Time

Samples Disposed by:

SRR # 29778

010030

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address:

Client: x2483 Lietai Yang, Div. 20

Client Purchase Order/Other ID: 06002.01.322.1.20

Site/Zone ID:

Requested Turnaround:
- 2 Weeks
- 3 Weeks
- Other:

SwRI Contact:

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers	Na	Cl	NO_3	NO_2						
Cond. 130°C	10/6/06		L		1	Na	Cl	NO_3	NO_2						
Cond. 120°C	10/12/06		↓		1	↓	↓	↓	↓						
								please return unused samples							

REMARKS
Preservation
- a = HCl to pH <2
- b = HNO_3 to pH <2
- c = H_2SO_4 to pH <2
- d = NaOH to pH >12
- e = Cool (4°C±2°C)
- f = Other (specify)

Matrix Types:
- A – Air
- B – Biota
- D - Dust
- E – Emission/Stack
- L - Liquid
- P – Product
- Sd - Solid
- S – Soil
- SED – Sediment
- T - Tissue
- W - Water
- WP - Wipe

Sample Types:
- D - Duplicate
- ER – Equipment Rinsate
- ES – Environmental Sample
- FB – Field Blank
- FD – Field Duplicate
- MS – Matrix Spike
- MSD – Matrix Spike Dup
- TB – Trip Blank

Temp: 22.0°C Therm #: 027

Acc'd Intact

Relinquished by (Print/Signature)	Date	Time
Jessica Auguste	10/12/06	1600
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time
Received by (Print/Signature)	Date	Time
Relinquished by (Print/Signature)	Date	Time

SwRI Project#: See Above

Received by SwRI Lab: (Signature)

Date	Time
10/12/06	1625

Samples Disposed:

Date	Time

Samples Disposed by:

010031

SAMPLE LIST/CHAIN OF CUSTODY

Southwest Research Institute
Chemistry and Chemical Engineering Division
6220 Culebra Road
San Antonio, Texas 78238-5166

Shipper Name/ Address:

Client: x2483 Lietai Yang, Div. 20

Client Purchase Order/Other ID: 06002.01.322.1.20

Site/Zone ID:

Requested Turnaround:
- [ ] 2 Weeks
- [ ] 3 Weeks
- [x] Other:

SwRI Contact:

Analyses Requested

Sample ID	Sample Collection Date (mm/dd/yy)	Sample Collection Time	Matrix Type	Sample Type	# of Containers									
Cond. 130°C	9/22/06		L		1	Na ↓	Cl ↓	NO_3 ↓	NO_2 ↓					
Cond. 130°C	9/29/06		L		1	↓	↓	↓	↓					
								please return unused samples						

REMARKS
Preservation
- a = HCl to pH <2
- b = HNO_3 to pH <2
- c = H_2SO_4 to pH <2
- d = NaOH to pH >12
- e = Cool (4°C±2°C)
- f = Other (specify)

Matrix Types:
- **A** – Air
- **B** – Biota
- **D** - Dust
- **E** – Emission/Stack
- **L** - Liquid
- **P** – Product
- **Sd** - Solid
- **S** – Soil
- **SED** – Sediment
- **T** - Tissue
- **W** - Water
- **WP** - Wipe

Sample Types:
- **D** - Duplicate
- **ER** – Equipment Rinsate
- **ES** – Environmental Sample
- **FB** – Field Blank
- **FD** – Field Duplicate
- **MS** – Matrix Spike
- **MSD** – Matrix Spike Dup
- **TB** – Trip Blank

Temp: 22.0°C

Therm #: 027

Rec'd Intact

	Date	Time
Relinquished by (Print/Signature): Jessica Auguste	9/29/06	16:00
Received by (Print/Signature):		
Relinquished by (Print/Signature):		
Received by (Print/Signature):		
Relinquished by (Print/Signature):		

SwRI Project#: See Above

Received by SwRI Lab: (Signature)

Date: 9/29/06 Time: 1600

Samples Disposed: Date / Time

Samples Disposed by:

010032

SAMPLE LOG-IN SHEET

010033

Lab Name: Southwest Research Institute	Page 1 of 1
Received By (Print Name): DINO ROMAN	Log-in Date: 10/12/2006
Received By (Signature)	

Case Number: L. Yang	Sample Delivery Group No.	SAS Number

Remarks: 06002.01.322

		EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc
1.	Custody Seal(s) Present/Absent* Intact/Broken	Cond. 130 °C 10/12/06	None	288097	Intact
2.	Custody Seal Nos. _____ _____	Cond. 130 °C 10/6/06	None	288098	Intact
3.	Chain-of Custody Records (Present)/Absent*				
4.	Traffic Reports or Packing Lists Present/(Absent)*				
5.	Airbill Airbill/Sticker (Present)/Absent*				
6.	Airbill No. HAND DELIVERED				
7.	Sample Tags Present/(Absent)*				
	Sample Tag Numbers Listed/(Not) listed on Chain of Custody				
8.	Sample Condition Intact/Broken*/ Leaking				
9.	Cooler Temperature 22.0C				
10.	Does Information on custody records, traffic reports, and sample tags agree? (Yes)/No*				
11.	Date Received at Lab 10/12/2006				
12.	Time Received 16:25:00				

Sample Transfer	
Fraction	Fraction
Area #	Area #
By DINO ROMAN	By
On 10/12/2006	On

* Contact SMO and attach record of resolution

Reviewed By	Logbook No. Sample Receipt (29917)
Date	Logbook Page No. 5953

SAMPLE LOG-IN SHEET

010034

Lab Name: Southwest Research Institute	Page 1 of 1
Received By (Print Name): DINO ROMAN	Log-in Date: 09/29/2006
Received By (Signature)	

Case Number: L. Yang	Sample Delivery Group No.: 287406	SAS Number

Remarks: 06002.01.322

		EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc
1.	Custody Seal(s) — Present/Absent* Intact/Broken	Cond. 130 °C 9/22/06	None	287406	Intact
2.	Custody Seal Nos.	Cond. 130 °C 9/29/06	None	287407	Intact
3.	Chain-of Custody Records — (Present)/Absent*				
4.	Traffic Reports or Packing Lists — Present/(Absent)*				
5.	Airbill — Airbill/Sticker (Present)/Absent*				
6.	Airbill No. — HAND DELIVERED				
7.	Sample Tags — Present/(Absent)*				
	Sample Tag Numbers — Listed/(Not) listed on Chain of Custody				
8.	Sample Condition — Intact/Broken*/ Leaking				
9.	Cooler Temperature — 22.0C				
10.	Does Information on custody records, traffic reports, and sample tags agree? — (Yes)/No*				
11.	Date Received at Lab — 09/29/2006				
12.	Time Received — 16:00:00				

Sample Transfer	
Fraction	Fraction
Area #	Area #
By DINO ROMAN	By
On 09/29/2006	On

* Contact SMO and attach record of resolution

Reviewed By	Logbook No. Sample Receipt (29862)
Date	Logbook Page No. 5940

SAMPLE LOG-IN SHEET

010035

Lab Name: Southwest Research Institute	Page 1 of 1
Received By (Print Name): DINO ROMAN	Log-in Date: 09/15/2006
Received By (Signature)	

Case Number: L. Yang	Sample Delivery Group No.: 286222	SAS Number

Remarks: 06002.01.322

		EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc
1.	Custody Seal(s) — Present/Absent* Intact/Broken	Cond. 130 °C 9/15/06	None	286222	Intact
2.	Custody Seal Nos.	Cond. 130 °C 9/7/06	None	286223	Intact
3.	Chain-of Custody Records — (Present)/Absent*				
4.	Traffic Reports or Packing Lists — Present/(Absent)*				
5.	Airbill — Airbill/Sticker (Present)/Absent*				
6.	Airbill No. — HAND DELIVERED				
7.	Sample Tags — Present/(Absent)*				
	Sample Tag Numbers — Listed/(Not) listed on Chain of Custody				
8.	Sample Condition — Intact/Broken*/ Leaking				
9.	Cooler Temperature — 22.0C				
10.	Does Information on custody records, traffic reports, and sample tags agree? — (Yes)/No*				
11.	Date Received at Lab — 09/15/2006				
12.	Time Received — 16:00:00				

Sample Transfer

Fraction	Fraction
Area #	Area #
By: DINO ROMAN	By
On: 09/15/2006	On

* Contact SMO and attach record of resolution

Reviewed By	Logbook No.: Sample Receipt (29778)
Date	Logbook Page No.: 5926

Jennifer Willis

From: Jennifer Willis [jennifer.willis@swri.org]
Sent: Monday, December 18, 2006 9:29 AM
To: Lietai Yang
Cc: Radonna S Spies
Subject: Preliminary Sample Results 060919-6

060919-6WC.xls 060919-6WC.pdf

Attached are the results for the six samples received on 09/15/06,09/29/06, and 10/13/06 placed in SRR(S)# 29778, 29862, 29917 Task Order # 060919-6, 061002-7, 061013-8.
The report for NO3, NO2, CL, NA, and K are attached as a PDF (060919-6.pdf) and Excel (060919-6.xls)file.
Should you have any additional questions, please contact Radonna Spies (ext. 3242)

Jennifer Willis
Southwest Research Institute
Department of Analytical and Environmental Chemistry
Division 01
6220 Culebra Road
San Antonio,Texas 78238
Phone(210)522.3129
Fax(210)522.5938

010037

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 061013-8, 061002-7, 060919-6
SRR: 29862, 29917, 29778
SDG: 287406, 286222
CASE: L. Yang
VTSR: October 13, 2006
PROJECT#: 06002..01.322

Copies of Login Book

Sample Login Book

Sep 29, 2006

SwRI Login Area
Division 1

Sample Receipt: 29861	Project: 12348.01.10X	Client: Enterprise Advis
VTSR Date: Sep 29, 2006	VTSR Time: 15:45:00	Manager: SUN, GANG

System ID	Customer Sample ID	Matrix
287403	0609280906	Aqueous
287404	0609280937	Aqueous
287405	0609280939	Aqueous

Sample Receipt: 29862	Project: 06002.01.322	Client: Div. 20
VTSR Date: Sep 29, 2006	VTSR Time: 16:00:00	Manager: SPIES, RADONNA

System ID	Customer Sample ID	Matrix
287406	Cond. 130 °C 9/22/06	Liquid
287407	Cond. 130 °C 9/29/06	Liquid

Number of samples for today: 89

Number of Containers for today: 89

Sample Login Book

010039

Sep 15, 2006

SwRI Login Area
Division 1

Sample Receipt: 29778	Project: 06002.01.322	Client: Div. 20
VTSR Date: Sep 15, 2006	VTSR Time: 16:00:00	Manager: SPIES, RADONNA

System ID	Customer Sample ID	Matrix
286222	Cond. 130 °C 9/15/06	Liquid
286223	Cond. 130 °C 9/7/06	Liquid

Number of samples for today: 18

Number of Containers for today: 42

Sample Login Book

010040

Oct 12, 2006

SwRI Login Area
Division 1

Sample Receipt: 29914	Project: 05965.01.004	Client: FYRNETICS
VTSR Date: Oct 12, 2006	VTSR Time: 12:30:00	Manager: SCHATTENBERG, HERB

System ID	Customer Sample ID	Matrix
288089	200610S133CSF	Solid

Sample Receipt: 29915	Project: Split.903	Client: Div. 03
VTSR Date: Oct 12, 2006	VTSR Time: 15:00:00	Manager: QUARDERER, SHRADDHA

System ID	Customer Sample ID	Matrix
288090	556	Water
288091	557	Water
288092	558	Water
288093	559	Water

Sample Receipt: 29916	Project: OHD01.113	Client: PE Samples
VTSR Date: Oct 12, 2006	VTSR Time: 12:00:00	Manager: BOYD, JOANN

System ID	Customer Sample ID	Matrix
288094	Hexavalent Chromium	Water
288095	Perchlorate	Water
288096	Silica	Water

Sample Receipt: 29917	Project: 06002.01.322	Client: Div. 20
VTSR Date: Oct 12, 2006	VTSR Time: 16:25:00	Manager: SPIES, RADONNA

System ID	Customer Sample ID	Matrix
288097	Cond. 130 °C 10/12/06	Liquid
288098	Cond. 130 °C 10/6/06	Liquid

Number of samples for today: 99

Number of Containers for today: 149

010041

SOUTHWEST RESEARCH INSTITUTE
NUCLEAR PROJECT
CLIENT: Division 20
TASK ORDER: 061013-8, 061002-7, 060919-6
SRR: 29862, 29917, 29778
SDG: 287406, 286222
CASE: L. Yang
VTSR: October 13, 2006
PROJECT#: 06002..01.322

RAW DATA

DIV 20
06002.01.322
TO#061002-7

Analyst: RSS
Method: 300
Sig Fig: 3

12/15/06

010042

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/18/06	287406	Fluoride	0.000	0.1	U	0.1		
10/18/06	287406	Chloride	10.123	10.1		0.1		
10/18/06	287406	Nitrite-N	0.043	0.1	U	0.1		
10/18/06	287406	Bromide	0.000	0.1	U	0.1		
10/18/06	287406	Nitrate-N	4.596	4.60		0.1		
10/18/06	287406	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	287406	Sulfate	0.040	0.1	U	0.1		
10/18/06	287407	Fluoride	0.030	0.1	U	0.1		
10/18/06	287407	Chloride	7.962	7.96		0.1		
10/18/06	287407	Nitrite-N	0.038	0.1	U	0.1		
10/18/06	287407	Bromide	0.000	0.1	U	0.1		
10/18/06	287407	Nitrate-N	3.991	3.99		0.1		
10/18/06	287407	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	287407	Sulfate	0.000	0.1	U	0.1		

* Insufficient sample volume to run sample duplicate and matrix spike

U = Undetected

DIV 20
06002.01.322
TO#061002-7

Analyst: RSS
Method: 300
Sig Fig: 3

010043

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV (LCS)	Fluoride	102.357	102		0.1	100	102%
10/18/06	CCV (LCS)	Chloride	211.796	212		0.1	200	106%
10/18/06	CCV (LCS)	Nitrite-N	106.744	107		0.1	106	101%
10/18/06	CCV (LCS)	Bromide	415.397	415		0.1	400	104%
10/18/06	CCV (LCS)	Nitrate-N	91.720	91.7		0.1	90.4	101%
10/18/06	CCV (LCS)	Phosphate-P	199.788	200		0.1	196	102%
10/18/06	CCV (LCS)	Sulfate	409.665	410		0.1	400	103%
10/18/06	CCB (PB)	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Chloride	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Sulfate	0.036	0.1	U	0.1		
10/19/06	CCV	Fluoride	102.551	103		0.1	100	103%
10/19/06	CCV	Chloride	207.860	208		0.1	200	104%
10/19/06	CCV	Nitrite-N	107.766	108		0.1	106	102%
10/19/06	CCV	Bromide	414.433	414		0.1	400	104%
10/19/06	CCV	Nitrate-N	91.382	91.4		0.1	90.4	101%
10/19/06	CCV	Phosphate-P	198.689	199		0.1	196	102%
10/19/06	CCV	Sulfate	408.670	409		0.1	400	102%
10/19/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/19/06	CCB	Chloride	0.059	0.1	U	0.1		
10/19/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/19/06	CCB	Bromide	0.000	0.1	U	0.1		
10/19/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/19/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/19/06	CCB	Sulfate	0.041	0.1	U	0.1		

U = Undetected

DIV 20
06002.01.322
TO#061002-7

Analyst: RSS
Method: 300
Sig Fig: 3

010044

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/18/06	ICV	Fluoride	103.861	104		0.1	100	104%
10/18/06	ICV	Chloride	211.560	212		0.1	200	106%
10/18/06	ICV	Nitrite-N	109.032	109		0.1	106	103%
10/18/06	ICV	Bromide	422.478	422		0.1	400	106%
10/18/06	ICV	Nitrate-N	92.655	92.7		0.1	90.4	103%
10/18/06	ICV	Phosphate-P	200.288	200		0.1	196	102%
10/18/06	ICV	Sulfate	409.926	410		0.1	400	103%
10/18/06	ICB	Fluoride	0.000	0.1	U	0.1		
10/18/06	ICB	Chloride	0.000	0.1	U	0.1		
10/18/06	ICB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	ICB	Bromide	0.000	0.1	U	0.1		
10/18/06	ICB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	ICB	Phosphate-P	0.030	0.1	U	0.1		
10/18/06	ICB	Sulfate	0.030	0.1	U	0.1		
10/18/06	CCV	Fluoride	103.645	104		0.1	100	104%
10/18/06	CCV	Chloride	210.569	211		0.1	200	106%
10/18/06	CCV	Nitrite-N	109.250	109		0.1	106	103%
10/18/06	CCV	Bromide	423.215	423		0.1	400	106%
10/18/06	CCV	Nitrate-N	93.764	93.8		0.1	90.4	104%
10/18/06	CCV	Phosphate-P	203.374	203		0.1	196	104%
10/18/06	CCV	Sulfate	412.359	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.086	0.1	U	0.1		
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV	Fluoride	102.886	103		0.1	100	103%
10/18/06	CCV	Chloride	208.741	209		0.1	200	105%
10/18/06	CCV	Nitrite-N	107.984	108		0.1	106	102%
10/18/06	CCV	Bromide	418.265	418		0.1	400	105%
10/18/06	CCV	Nitrate-N	92.060	92.1		0.1	90.4	102%
10/18/06	CCV	Phosphate-P	201.058	201		0.1	196	103%
10/18/06	CCV	Sulfate	411.746	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV	Fluoride	103.963	104		0.1	100	104%
10/18/06	CCV	Chloride	211.747	212		0.1	200	106%
10/18/06	CCV	Nitrite-N	110.256	110		0.1	106	104%
10/18/06	CCV	Bromide	424.342	424		0.1	400	106%
10/18/06	CCV	Nitrate-N	93.516	93.5		0.1	90.4	103%
10/18/06	CCV	Phosphate-P	204.215	204		0.1	196	104%
10/18/06	CCV	Sulfate	412.475	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.064	0.1	U	0.1		

U = Undetected

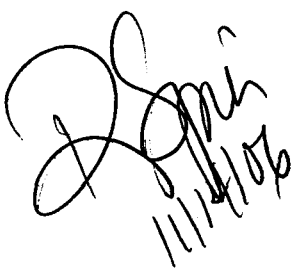
Schedule File: C:\PeakNet\schedule\18oct06A.SCH

010045

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	ICV	Sample		anions060826a.met	061018a_001.dxd	20
2	ICB	Sample		anions060826a.met	061018a_002.dxd	1
3	286156	Sample		anions060826a.met	061018a_003.dxd	1
4	286156D	Sample		anions060826a.met	061018a_004.dxd	1
5	286156S	Sample		anions060826a.met	061018a_005.dxd	1
6	286157	Sample		anions060826a.met	061018a_006.dxd	1
7	286158	Sample		anions060826a.met	061018a_007.dxd	1
8	286159	Sample		anions060826a.met	061018a_008.dxd	1
9	286160	Sample		anions060826a.met	061018a_009.dxd	1
10	286161	Sample		anions060826a.met	061018a_010.dxd	1
11	286162	Sample		anions060826a.met	061018a_011.dxd	1
12	286163	Sample		anions060826a.met	061018a_012.dxd	1
13	CCV	Sample		anions060826a.met	061018a_013.dxd	20
14	CCB	Sample		anions060826a.met	061018a_014.dxd	1
15	286164	Sample		anions060826a.met	061018a_015.dxd	1
16	286165	Sample		anions060826a.met	061018a_016.dxd	1
17	286166	Sample		anions060826a.met	061018a_017.dxd	1
18	286167	Sample		anions060826a.met	061018a_018.dxd	1
19	286168	Sample		anions060826a.met	061018a_019.dxd	1
20	286169	Sample		anions060826a.met	061018a_020.dxd	1
21	CCV	Sample		anions060826a.met	061018a_021.dxd	20
22	CCB	Sample		anions060826a.met	061018a_022.dxd	1
23	287760 DF100	Sample		anions060826a.met	061018a_023.dxd	100
24	287760D DF100	Sample		anions060826a.met	061018a_024.dxd	100
25	287760S DF100	Sample		anions060826a.met	061018a_025.dxd	100
26	287761 DF100	Sample		anions060826a.met	061018a_026.dxd	100
27	287762 DF100	Sample		anions060826a.met	061018a_027.dxd	100
28	287763 DF100	Sample		anions060826a.met	061018a_028.dxd	100
29	286166 DF50	Sample		anions060826a.met	061018a_017.dxd	50
30	286167 DF50	Sample		anions060826a.met	061018a_018.dxd	50
31	286168 DF50	Sample		anions060826a.met	061018a_019.dxd	50
32	286169 DF50	Sample		anions060826a.met	061018a_020.dxd	50
33	CCV	Sample		anions060826a.met	061018a_033.dxd	20
34	CCB	Sample		anions060826a.met	061018a_034.dxd	1
35	287760 DF5	Sample		anions060826a.met	061018a_035.dxd	5
36	287760D DF5	Sample		anions060826a.met	061018a_036.dxd	5
37	287760S DF5	Sample		anions060826a.met	061018a_037.dxd	5
38	287761	Sample		anions060826a.met	061018a_038.dxd	1
39	287762	Sample		anions060826a.met	061018a_039.dxd	1
40	287763	Sample		anions060826a.met	061018a_040.dxd	1
41	286166 DF100	Sample		anions060826a.met	061018a_041.dxd	100
42	CCV	Sample		anions060826a.met	061018a_042.dxd	20
43	CCB	Sample		anions060826a.met	061018a_043.dxd	1
44	286222	Sample		anions060826a.met	061018a_044.dxd	1
45	286223	Sample		anions060826a.met	061018a_045.dxd	1
46	287406	Sample		anions060826a.met	061018a_046.dxd	1
47	287407	Sample		anions060826a.met	061018a_047.dxd	1
48	288097	Sample		anions060826a.met	061018a_048.dxd	1
49	288098	Sample		anions060826a.met	061018a_049.dxd	1
50	CCV	Sample		anions060826a.met	061018a_050.dxd	20
51	CCB	Sample		anions060826a.met	061018a_051.dxd	1

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\061018A
Comment:
DIV 20 06002.01.242 TO#0609153, 061005-13
DIV 20 06002.01.322 TO#060916-6,061002-7, 061013-8

ICV Sources:
1) SPEX LOT#33-13AS (INORG#6118)
F = 100 mg/L
Cl = 200 mg/L
Br = 400 mg/L



NO3N = 90.4 mg/L
PO4P = 196 mg/L
SO4 = 400 mg/L

2) 29-01-IC6
NO2N 106 mg/L

Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 1
Data File Name : c:\peaknet\data\061018a\061018A_001.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

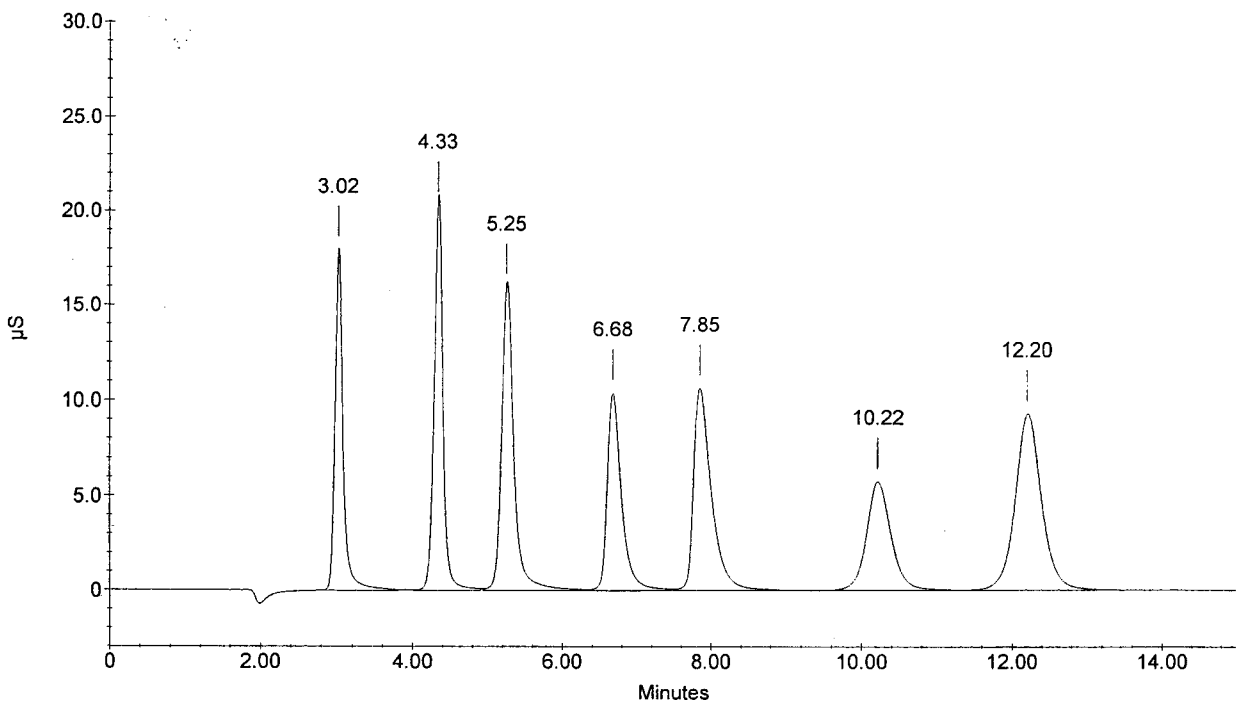
Date Time Collected : 10/18/06 11:28:49 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010047

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.861	179502	1273772	2	-2.37
2	4.33	CHLORIDE	211.560	203238	1712501	2	-4.13
3	5.25	NITRITE-N	109.032	159705	1842121	2	-5.06
4	6.68	BROMIDE	422.478	103654	1397091	2	-5.60
5	7.85	NITRATE-N	92.655	106080	1781281	2	-4.27
6	10.22	PHOSPHATE-P	200.288	57418	1314884	2	-5.40
7	12.20	SULFATE	409.926	92732	2302698	2	-6.58
	0.00		---total(s)--- 1549.799		11624347		

ICV



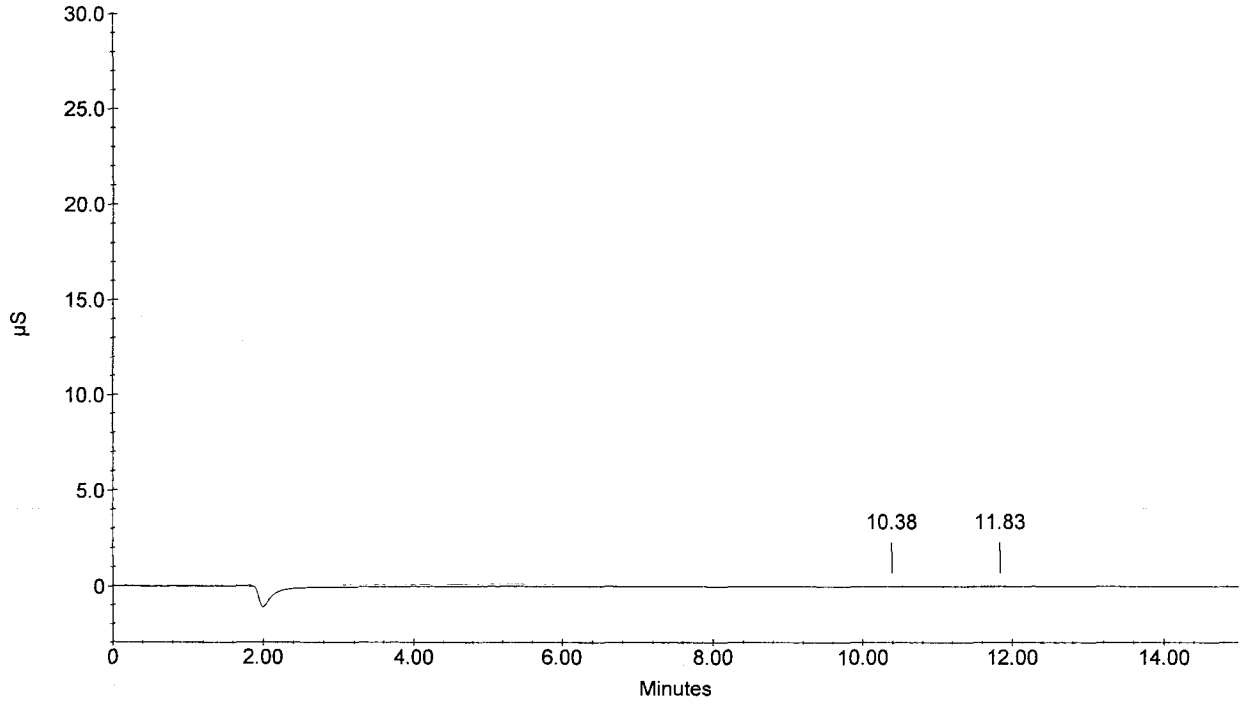
Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 2
Data File Name : c:\peaknet\data\061018a\061018A_002.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 11:46:28 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	10.38	PHOSPHATE-P CHLORIDE NITRITE-N BROMIDE NITRATE-N	0.030	55	994	1	-3.86
1	10.38	PHOSPHATE-P	0.030	55	994	1	-3.86
2	11.83	SULFATE	0.030	48	522	1	-9.39
		---total(s)---					
	0.00		0.090		2511		

ICB



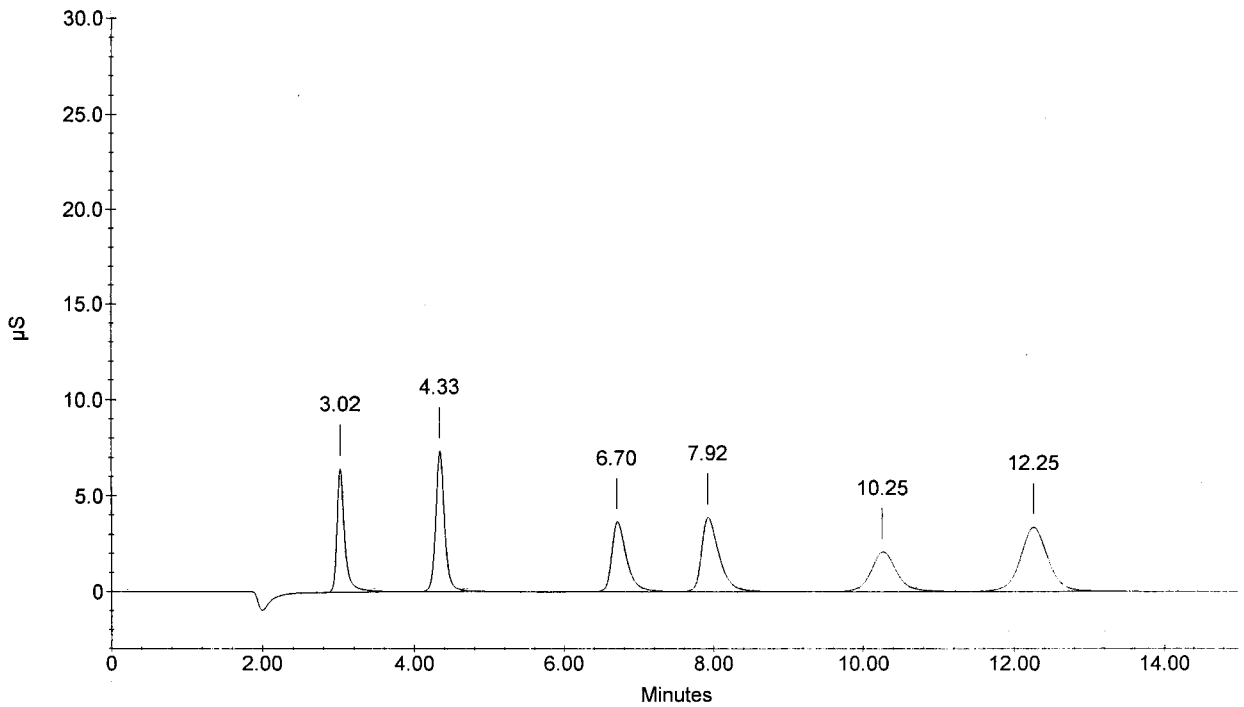
Sample Name : 286156
Dilution Factor : 1.00
Injection Number : 3
Data File Name : c:\peaknet\data\061018a\061018A_003.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 12:04:07 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.970	64425	459708	1	-2.37
2	4.33	CHLORIDE NITRITE-N	3.972	73047	607395	1	-4.13
3	6.70	BROMIDE	8.220	36301	513581	2	-5.37
4	7.92	NITRATE-N	1.742	38717	655197	2	-3.46
5	10.25	PHOSPHATE-P	4.036	20706	504514	2	-5.09
6	12.25	SULFATE	8.284	33632	863539	2	-6.20
	0.00		---total(s)--- 28.224		3603934		

286156



Sample Name : 286156D
Dilution Factor : 1.00
Injection Number : 4
Data File Name : c:\peaknet\data\061018a\061018A_004.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

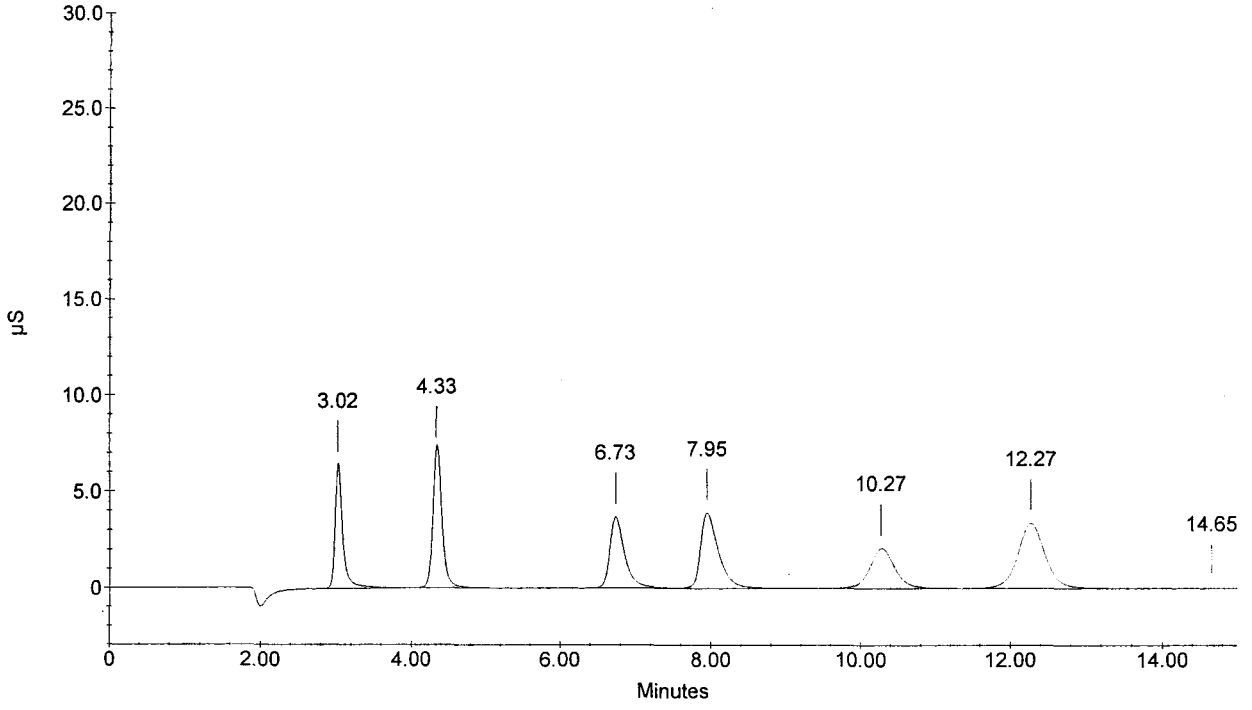
Date Time Collected : 10/18/06 12:21:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010050

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.988	63813	464027	1	-2.37
2	4.33	CHLORIDE NITRITE-N	4.006	70865	612860	1	-4.13
3	6.73	BROMIDE	8.276	36757	517158	2	-4.90
4	7.95	NITRATE-N	1.750	38897	658055	2	-3.05
5	10.27	PHOSPHATE-P	3.992	20756	498914	2	-4.94
6	12.27	SULFATE	8.244	33605	859219	2	-6.07
	0.00		---total(s)--- 28.257		3610234		

286156D



Sample Name : 286156S
Dilution Factor : 1.00
Injection Number : 5
Data File Name : c:\peaknet\data\061018a\061018A_005.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

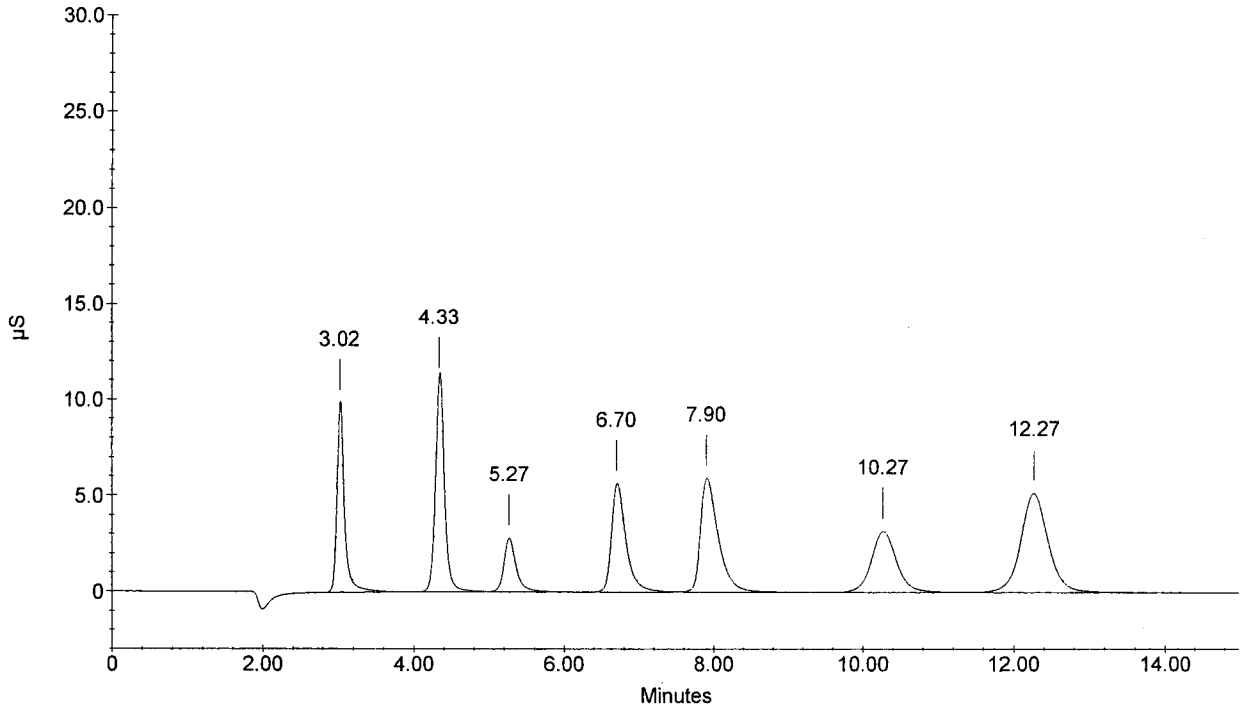
Date Time Collected : 10/18/06 12:39:24 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010051

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.956	98317	701525	1	-2.37
2	4.33	CHLORIDE	5.988	109496	932615	2	-4.13
3	5.27	NITRITE-N	1.037	27924	325290	2	-4.76
4	6.70	BROMIDE	12.259	56072	779113	2	-5.37
5	7.90	NITRATE-N	2.623	58923	993100	2	-3.66
6	10.27	PHOSPHATE-P	5.896	31686	748421	2	-4.94
7	12.27	SULFATE	12.259	51415	1307550	2	-6.07
	0.00		---total(s)--- 43.018		5787614		

286156S



Sample Name : 286157
Dilution Factor : 1.00
Injection Number : 6
Data File Name : c:\peaknet\data\061018a\061018A_006.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

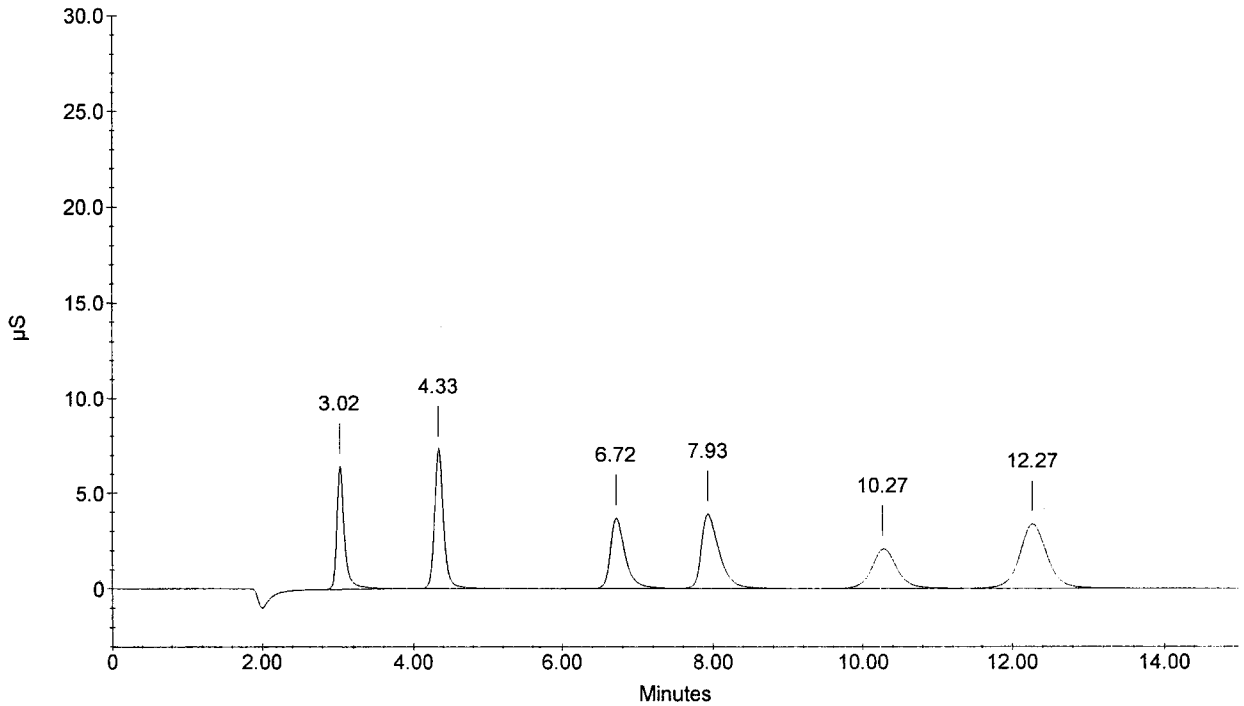
Date Time Collected : 10/18/06 12:57:03 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010052

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.971	64246	459935	1	-2.37
2	4.33	CHLORIDE	3.997	72816	611334	1	-4.13
		NITRITE-N					
3	6.72	BROMIDE	8.266	36861	516572	2	-5.13
4	7.93	NITRATE-N	1.747	38979	656912	2	-3.25
5	10.27	PHOSPHATE-P	4.023	20786	502877	2	-4.94
6	12.27	SULFATE	8.288	33681	863951	2	-6.07
	0.00		---total(s)--- 28.292		3611582		

286157



Sample Name : 286158
Dilution Factor : 1.00
Injection Number : 7
Data File Name : ...\061018A_007.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

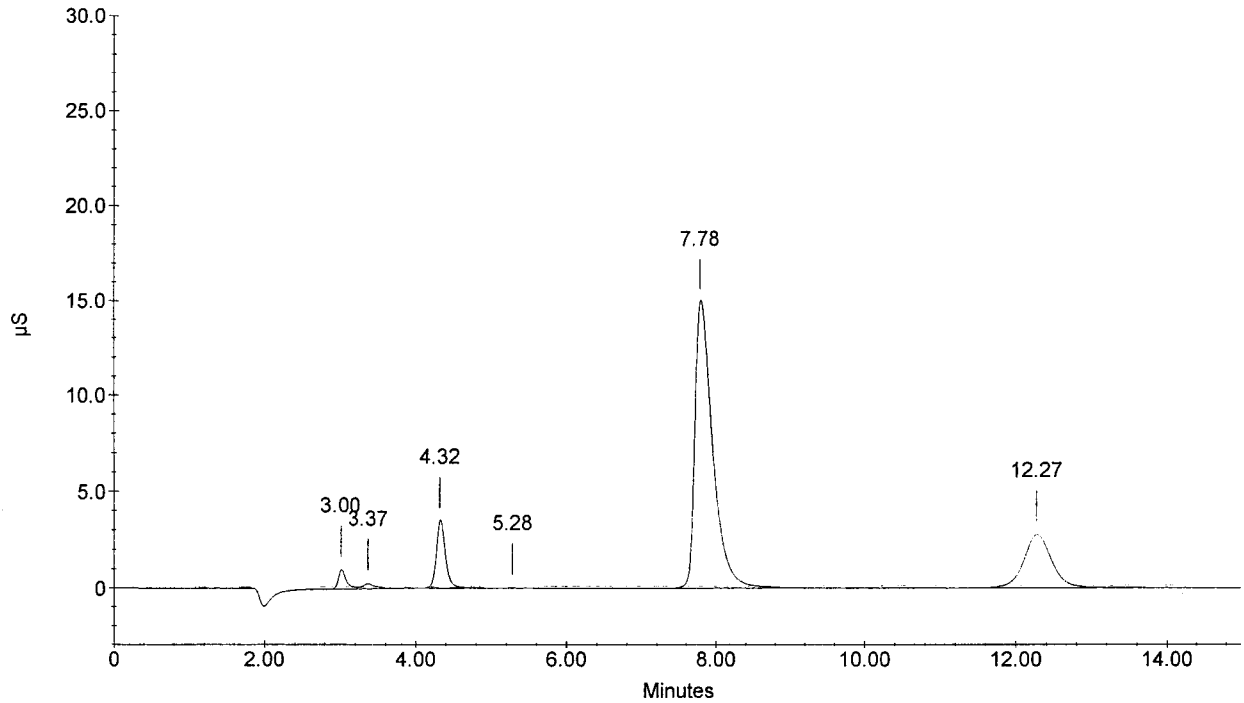
Date Time Collected : 10/18/06 1:14:41 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010053

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.344	9786	74682	2	-2.91
3	4.32	CHLORIDE	1.958	34345	291829	1	-4.50
4	5.28	NITRITE-N BROMIDE	0.024	138	1171	1	-4.46
5	7.78	NITRATE-N PHOSPHATE-P	6.391	149074	2492427	1	-5.08
6	12.27	SULFATE	6.843	27273	707416	1	-6.07
	0.00		---total(s)--- 15.559		3567525		

286158



Sample Name : 286159
Dilution Factor : 1.00
Injection Number : 8
Data File Name : ...\061018A_008.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

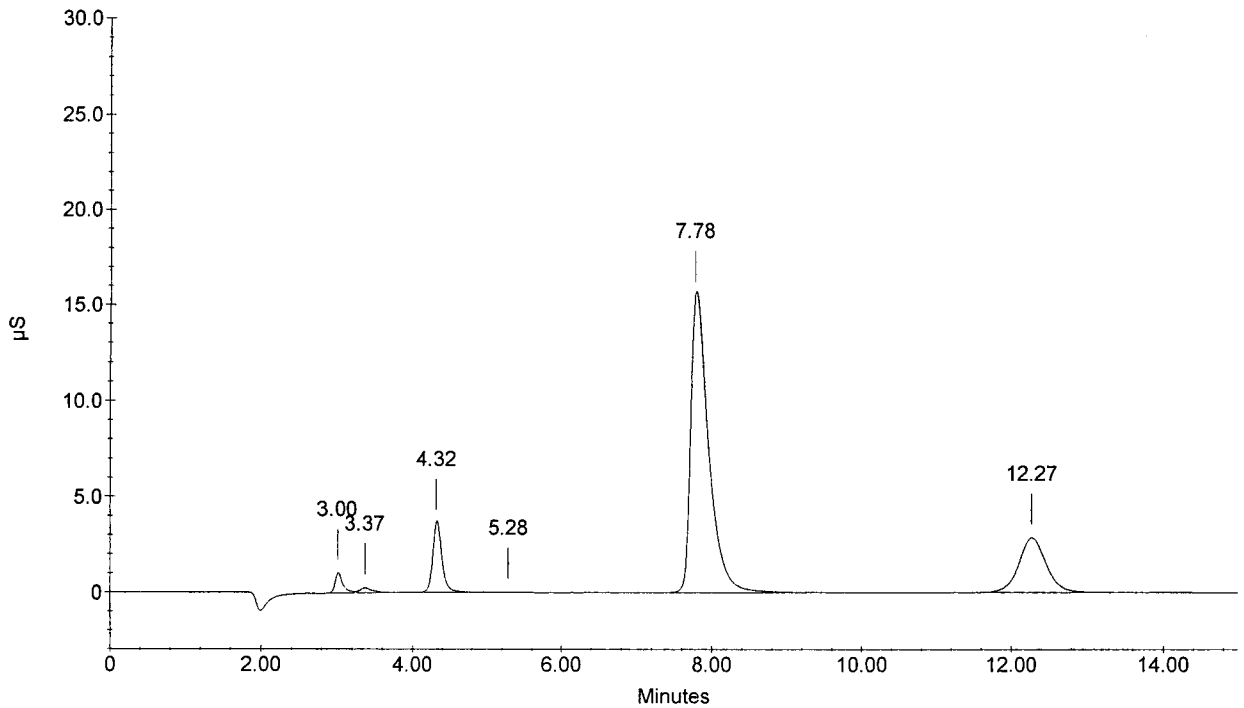
Date Time Collected : 10/18/06 1:32:20 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010054

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.359	10363	78297	2	-2.91
3	4.32	CHLORIDE	2.100	36096	313824	2	-4.50
4	5.28	NITRITE-N BROMIDE	0.027	201	2215	2	-4.46
5	7.78	NITRATE-N PHOSPHATE-P	6.671	155259	2607908	1	-5.08
6	12.27	SULFATE	7.040	28540	728711	1	-6.07
	0.00		---total(s)--- 16.199		3730956		

286159



010055

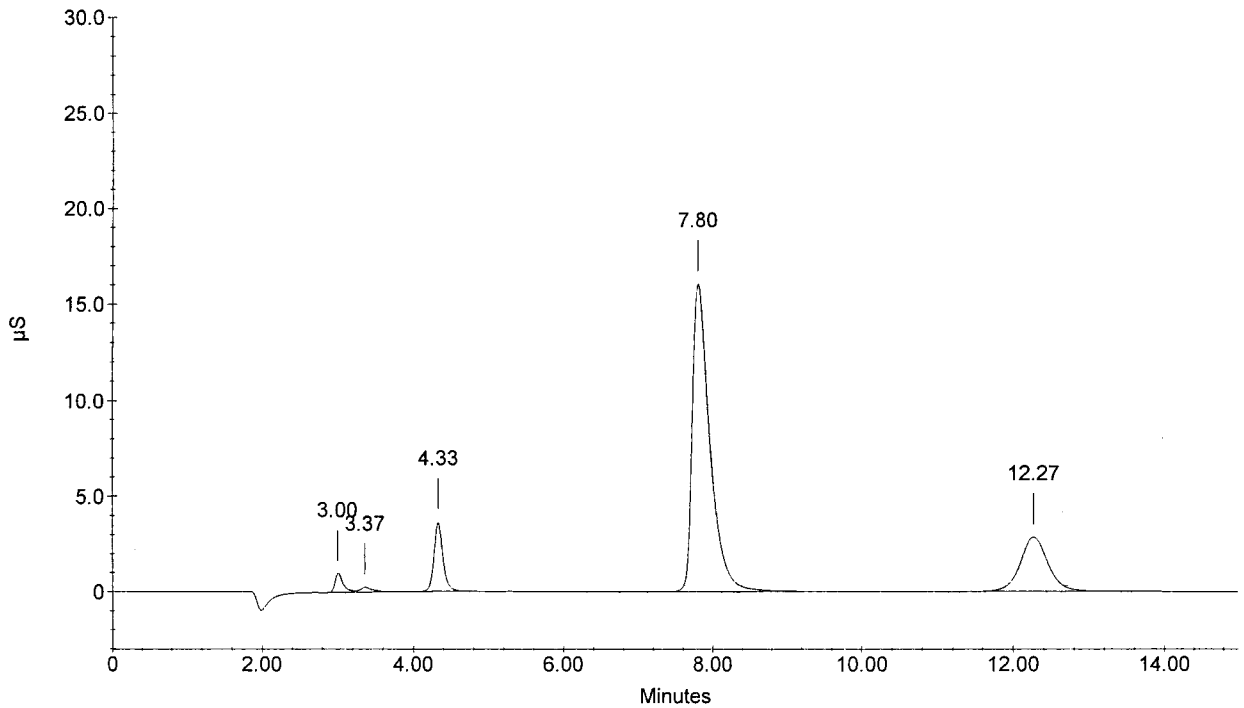
Sample Name : 286160
Dilution Factor : 1.00
Injection Number : 9
Data File Name : ...\061018A_009.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 1:49:59 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.349	9811	75906	2	-2.91
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.004	36270	298873	1	-4.13
4	7.80	NITRATE-N PHOSPHATE-P	6.796	160254	2659588	1	-4.88
5	12.27	SULFATE	7.079	28604	732872	1	-6.07
	0.00		---total(s)--- 16.228		3767238		

286160



Sample Name : 286161
Dilution Factor : 1.00
Injection Number : 10
Data File Name : c:\peaknet\data\061018a\061018A_010.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

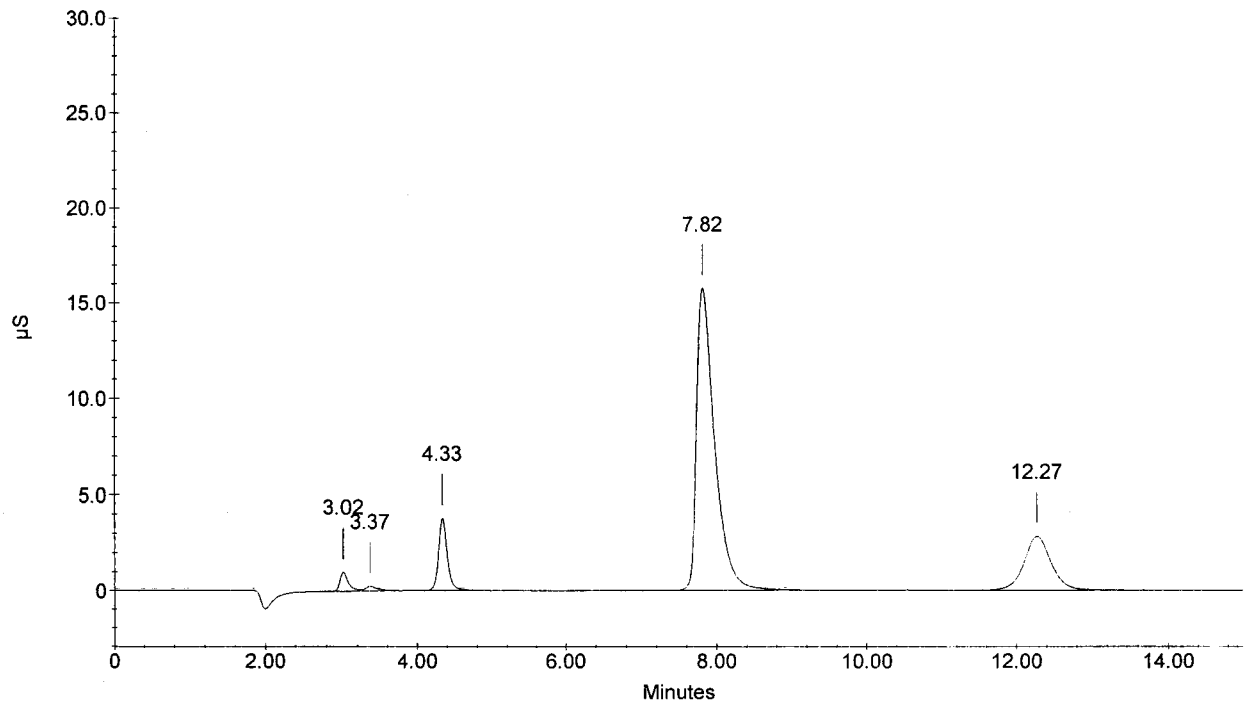
Date Time Collected : 10/18/06 2:07:38 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010056

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.344	10219	74791	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.084	37507	311358	1	-4.13
4	7.82	NITRATE-N PHOSPHATE-P	6.702	157370	2620715	1	-4.67
5	12.27	SULFATE	6.937	28027	717523	1	-6.07
	0.00		---total(s)--- 16.067		3724387		

286161



010057

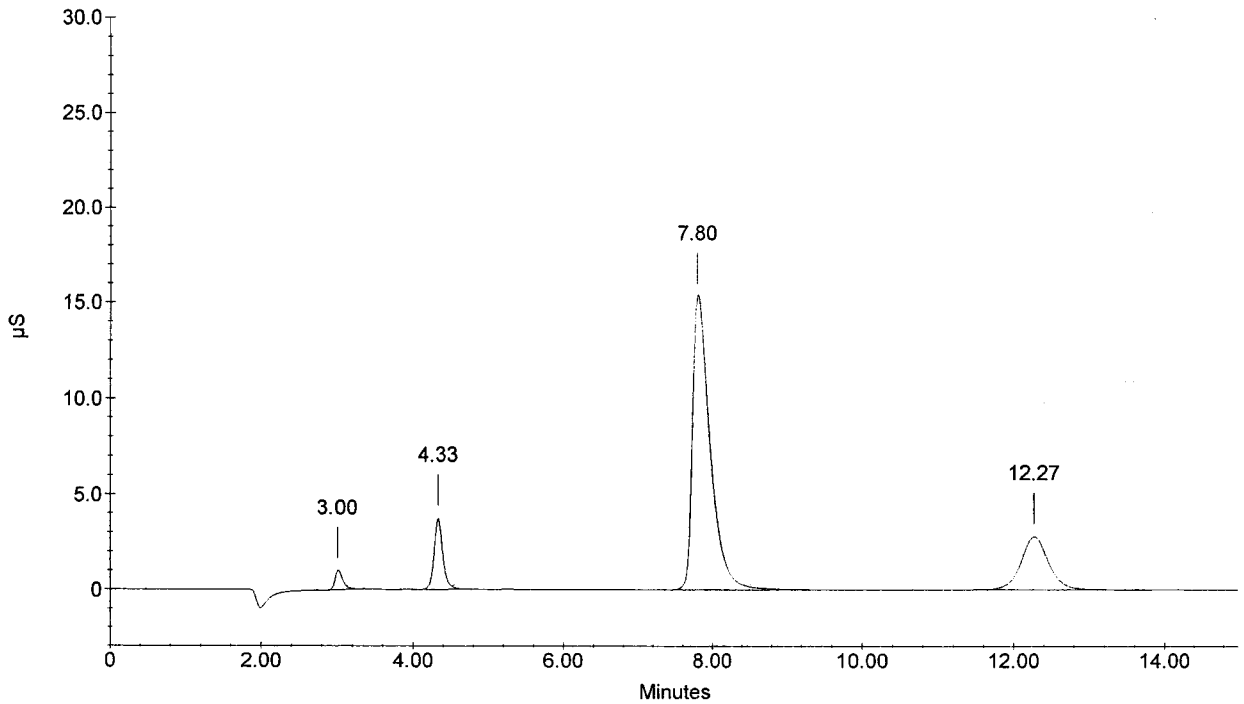
Sample Name : 286162
Dilution Factor : 1.00
Injection Number : 11
Data File Name : c:\peaknet\data\061018a\061018A_011.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 2:25:18 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.322	9702	69612	1	-2.91
2	4.33	CHLORIDE NITRITE-N BROMIDE	2.054	36984	306613	1	-4.13
3	7.80	NITRATE-N PHOSPHATE-P	6.549	152689	2557581	1	-4.88
4	12.27	SULFATE	6.939	27866	717784	1	-6.07
	0.00		---total(s)--- 15.864		3651590		

286162



Sample Name : 286163
Dilution Factor : 1.00
Injection Number : 12
Data File Name : c:\peaknet\data\061018a\061018A_012.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

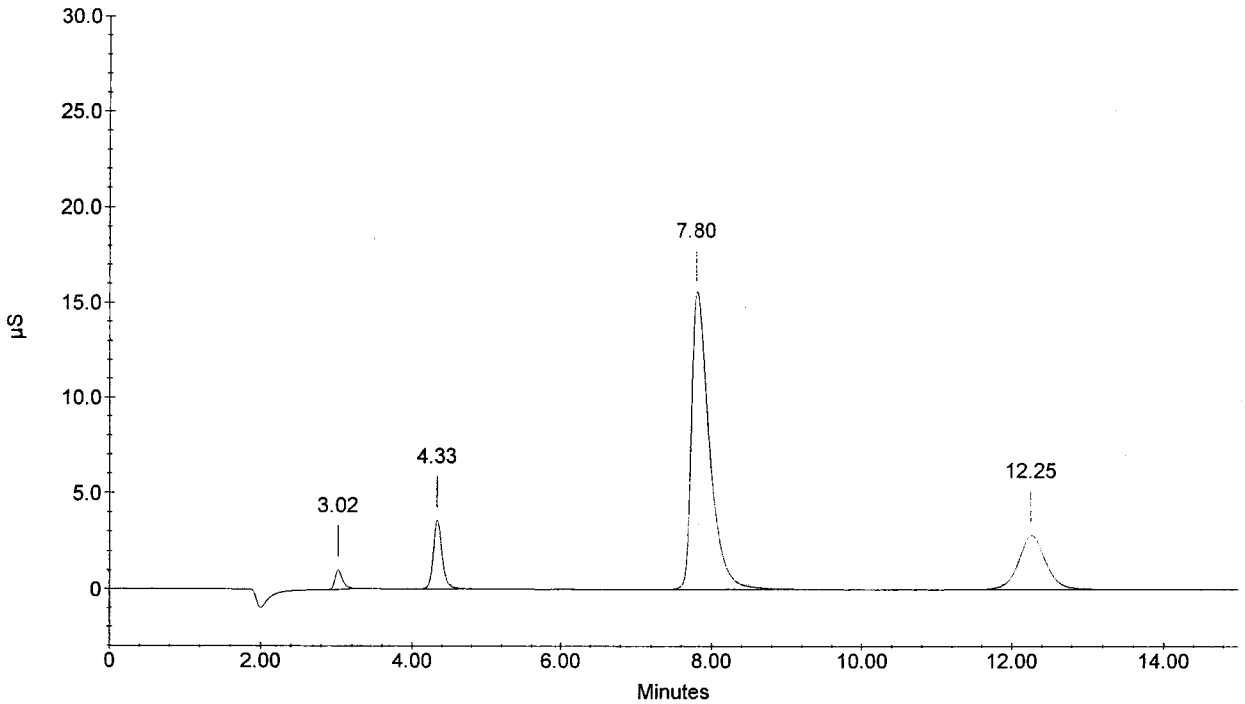
Date Time Collected : 10/18/06 2:42:58 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010058

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.330	10384	71450	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	2.014	35669	300419	1	-4.13
3	7.80	NITRATE-N PHOSPHATE-P	6.621	154316	2587135	1	-4.88
4	12.25	SULFATE	7.045	28230	729210	1	-6.20
	0.00		---total(s)--- 16.009		3688214		

286163



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 13
Data File Name : c:\peaknet\data\061018a\061018A_013.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

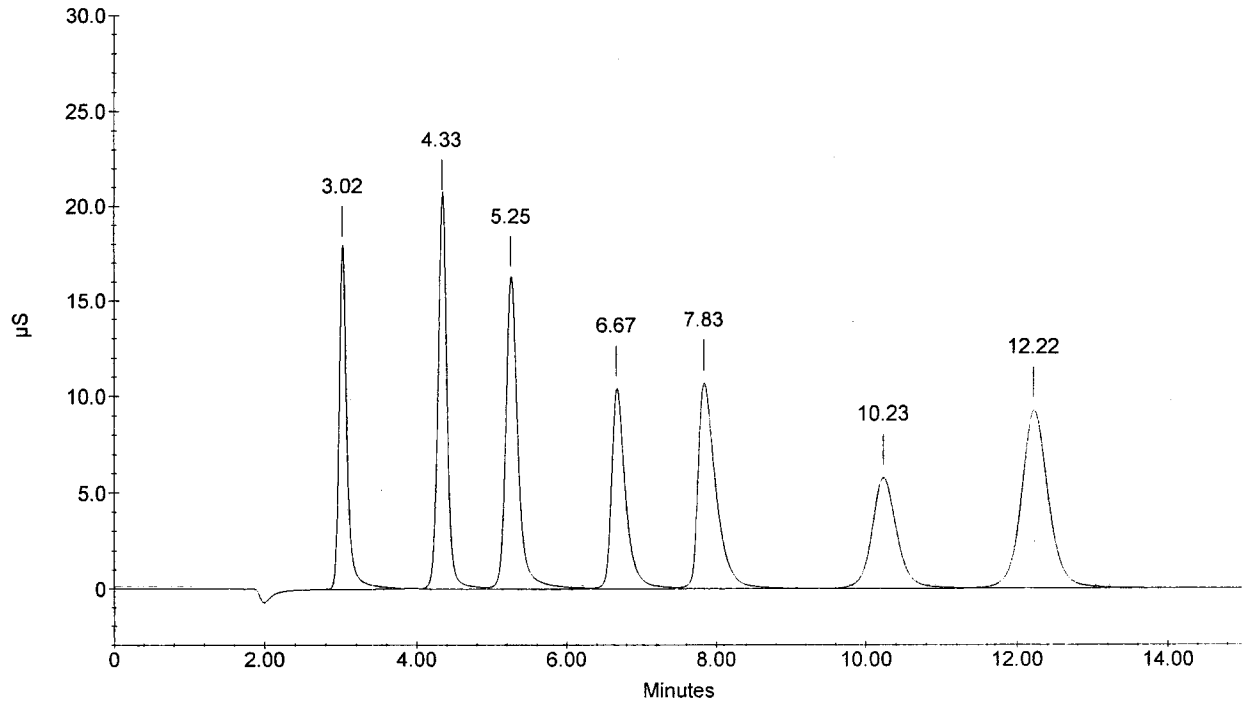
Date Time Collected : 10/18/06 3:00:37 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010059

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.645	177400	1270945	2	-2.37
2	4.33	CHLORIDE	210.569	201979	1703749	2	-4.13
3	5.25	NITRITE-N	109.250	161342	1846065	2	-5.06
4	6.67	BROMIDE	423.215	103675	1399772	2	-5.84
5	7.83	NITRATE-N	93.764	106612	1803411	2	-4.47
6	10.23	PHOSPHATE-P	203.374	57631	1336891	2	-5.25
7	12.22	SULFATE	412.359	92472	2318285	2	-6.46
	0.00		---total(s)--- 1556.176		11679118		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 14
Data File Name : c:\peaknet\data\061018a\061018A_014.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

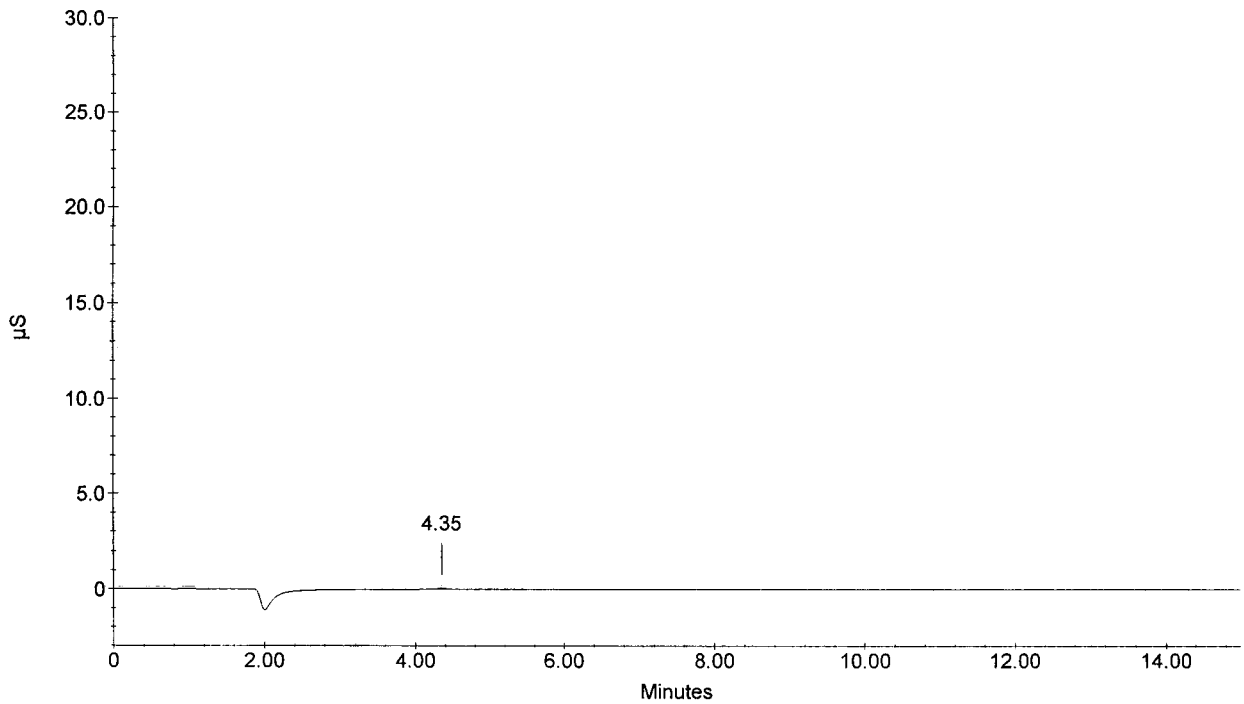
Date Time Collected : 10/18/06 3:18:17 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010060

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.35	CHLORIDE	0.086	767	6158	1	-3.76
1	4.35	CHLORIDE	0.086	767	6158	1	-3.76
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
		---total(s)---					
	0.00		0.173		12316		

CCB



010061

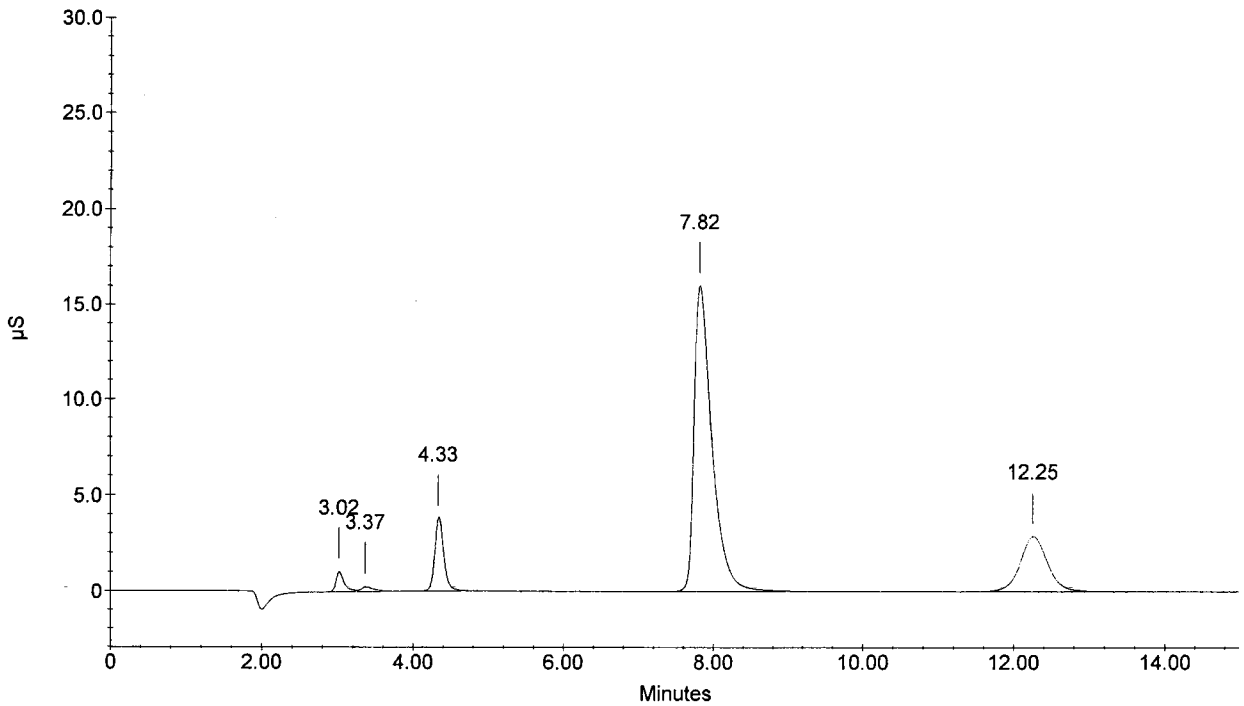
Sample Name : 286164
Dilution Factor : 1.00
Injection Number : 15
Data File Name : c:\peaknet\data\061018a\061018A_015.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 3:35:56 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.355	10446	77238	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.137	37449	319486	1	-4.13
4	7.82	NITRATE-N PHOSPHATE-P	6.791	159694	2657569	1	-4.67
5	12.25	SULFATE	7.066	28627	731492	1	-6.20
	0.00		---total(s)--- 16.349		3785786		

286164



Sample Name : 286165
Dilution Factor : 1.00
Injection Number : 16
Data File Name : c:\peaknet\data\061018a\061018A_016.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

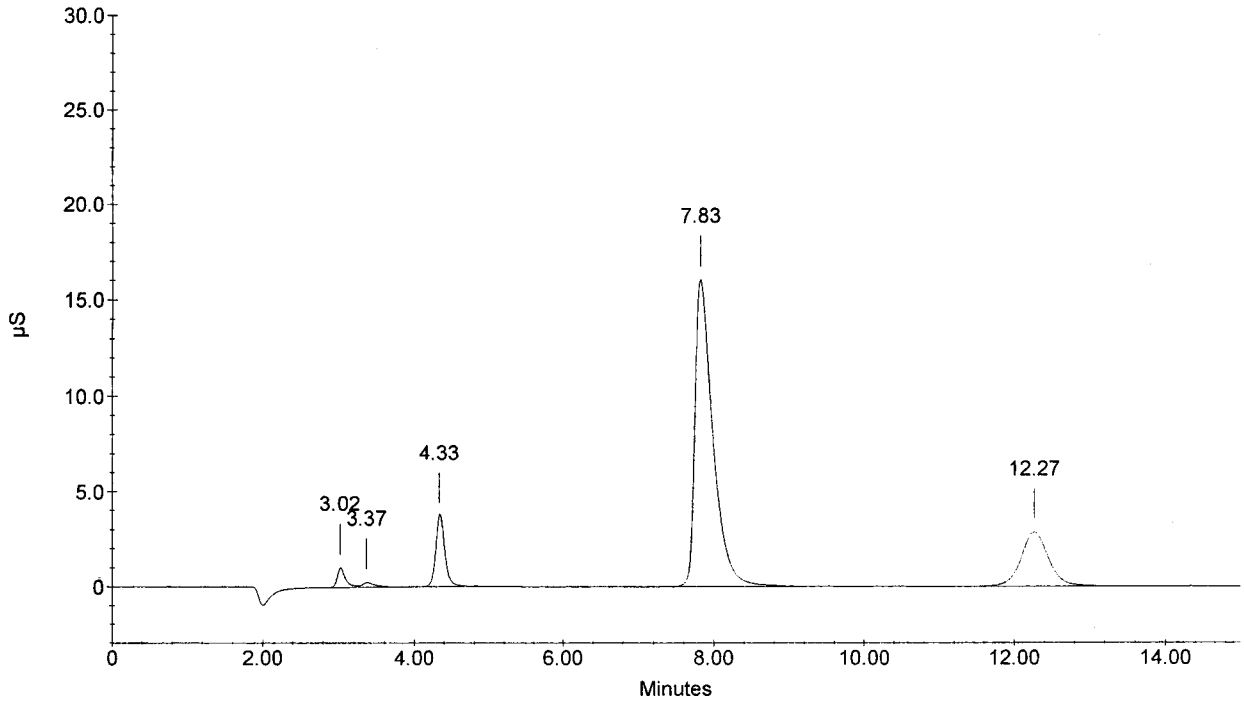
Date Time Collected : 10/18/06 3:53:36 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010062

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.353	10429	76871	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.125	36819	317702	1	-4.13
4	7.83	NITRATE-N PHOSPHATE-P	6.829	160228	2673233	1	-4.47
5	12.27	SULFATE	7.084	28701	733399	1	-6.07
	0.00		---total(s)--- 16.392		3801206		

286165



Sample Name : 286166
Dilution Factor : 1.00
Injection Number : 17
Data File Name : ...\061018A_017.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

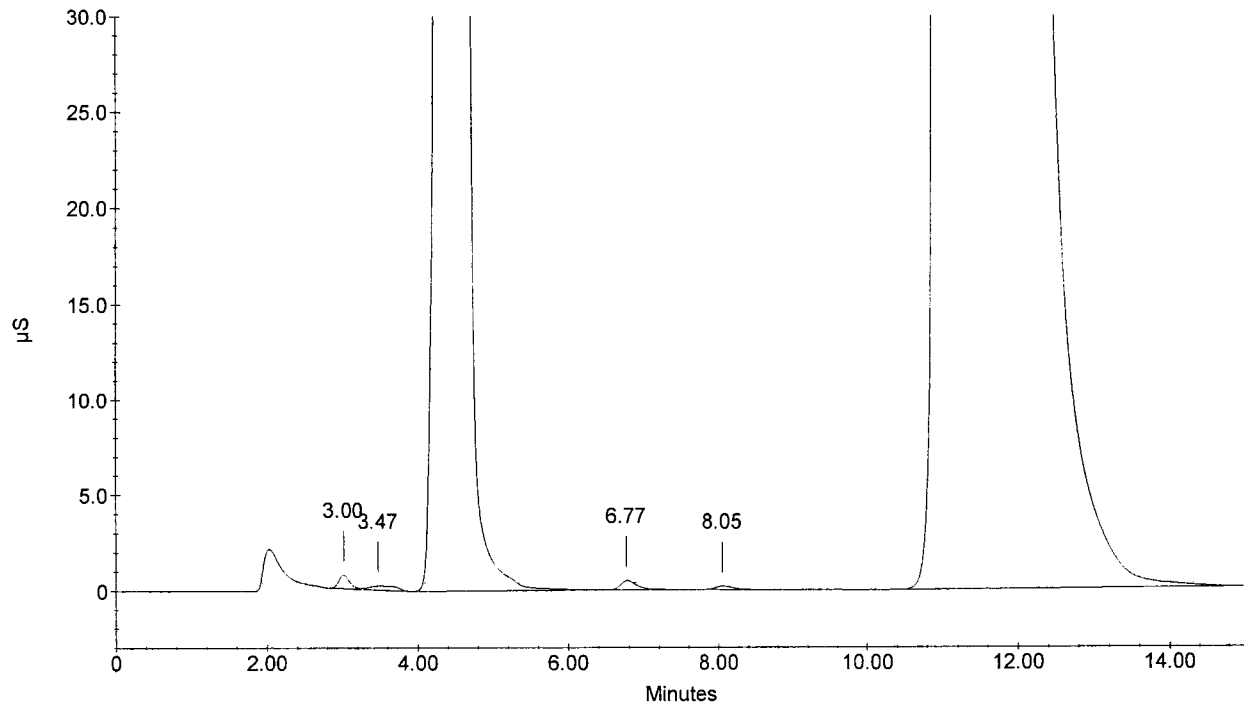
Date Time Collected : 10/18/06 4:11:15 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010063

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.333	7024	72096	2	-2.91
3	4.60	CHLORIDE	-642.586	3560354	60630339	2	1.77
		NITRITE-N					
4	6.77	BROMIDE	1.222	4817	73418	2	-4.43
5	8.05	NITRATE-N	0.086	1879	31920	1	-1.83
		PHOSPHATE-P					
6	11.03	SULFATE	-31381.055	5287884	269640475	1	-6.02
	0.00		---total(s)--- -32022.000		330448248		

286166



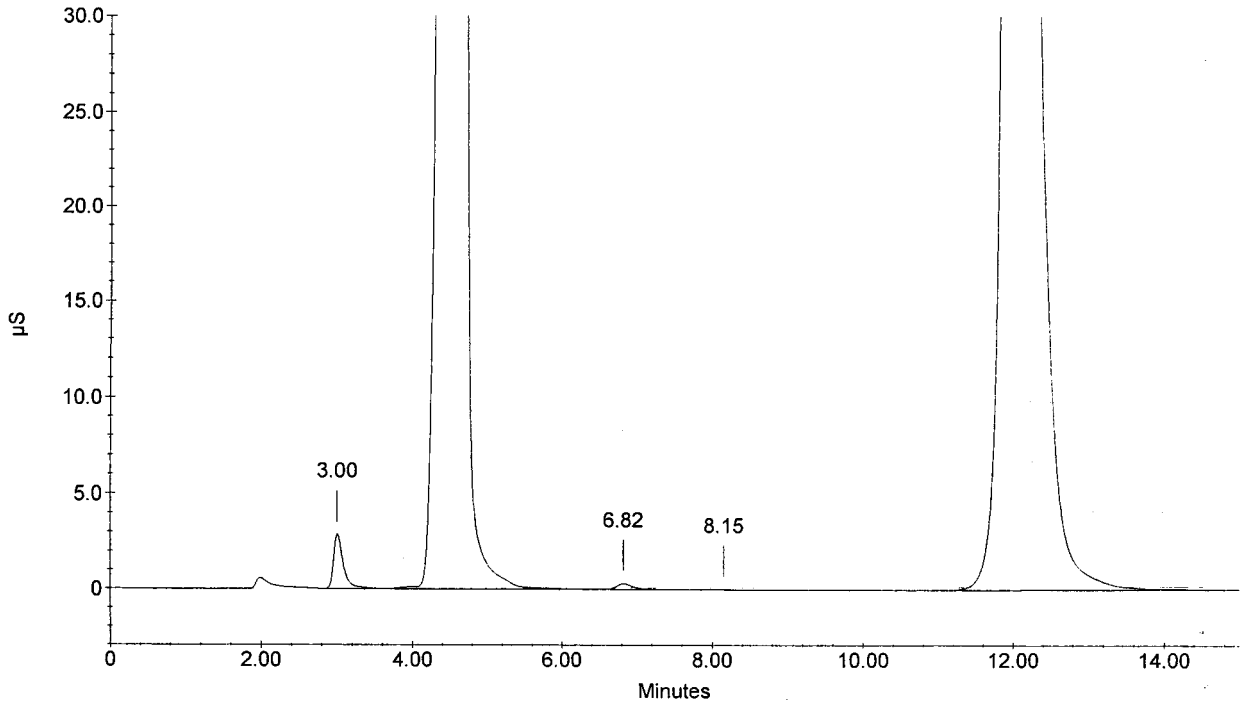
Sample Name : 286167
Dilution Factor : 1.00
Injection Number : 18
Data File Name : c:\peaknet\data\061018a\061018A_018.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 4:28:55 PM **010064**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	1.131	28514	258846	2	-2.91
2	4.62	CHLORIDE NITRITE-N	-311.662	3044175	46783647	2	2.14
3	6.82	BROMIDE	0.798	3144	47498	2	-3.72
4	8.15	NITRATE-N PHOSPHATE-P	0.012	265	4279	1	-0.61
5	11.98	SULFATE	-80.358	1036616	27510743	1	-8.24
	0.00		---total(s)--- -390.080		74605013		

286167



Sample Name : 286168
Dilution Factor : 1.00
Injection Number : 19
Data File Name : ...\061018A_019.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

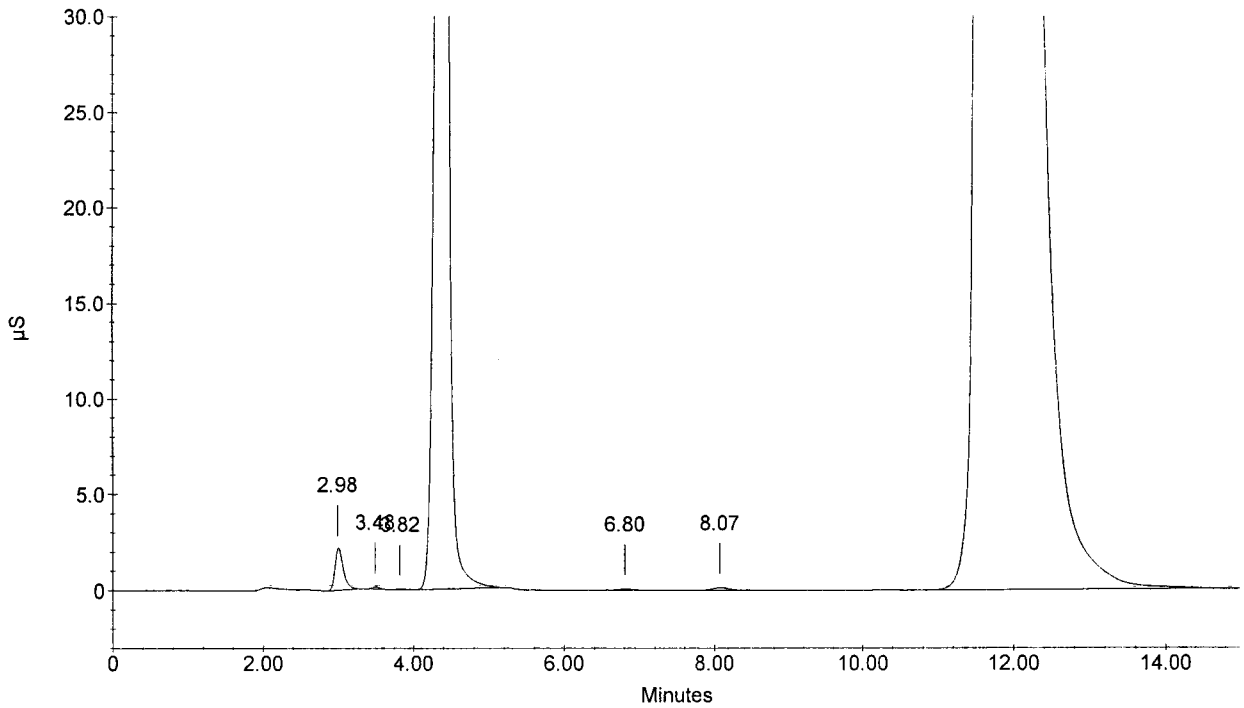
Date Time Collected : 10/18/06 4:46:35 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010065

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	0.716	21176	161178	1	-3.45
4	4.40	CHLORIDE	38.347	1123655	10431578	1	-2.65
		NITRITE-N					
5	6.80	BROMIDE	0.209	823	11649	1	-3.95
6	8.07	NITRATE-N	0.060	1335	22212	1	-1.63
		PHOSPHATE-P					
7	11.65	SULFATE	-2464.321	2464410	83933180	1	-7.47
	0.00		---total(s)--- -2424.989		94559797		

286168



Sample Name : 286169
Dilution Factor : 1.00
Injection Number : 20
Data File Name : ...\061018A_020.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

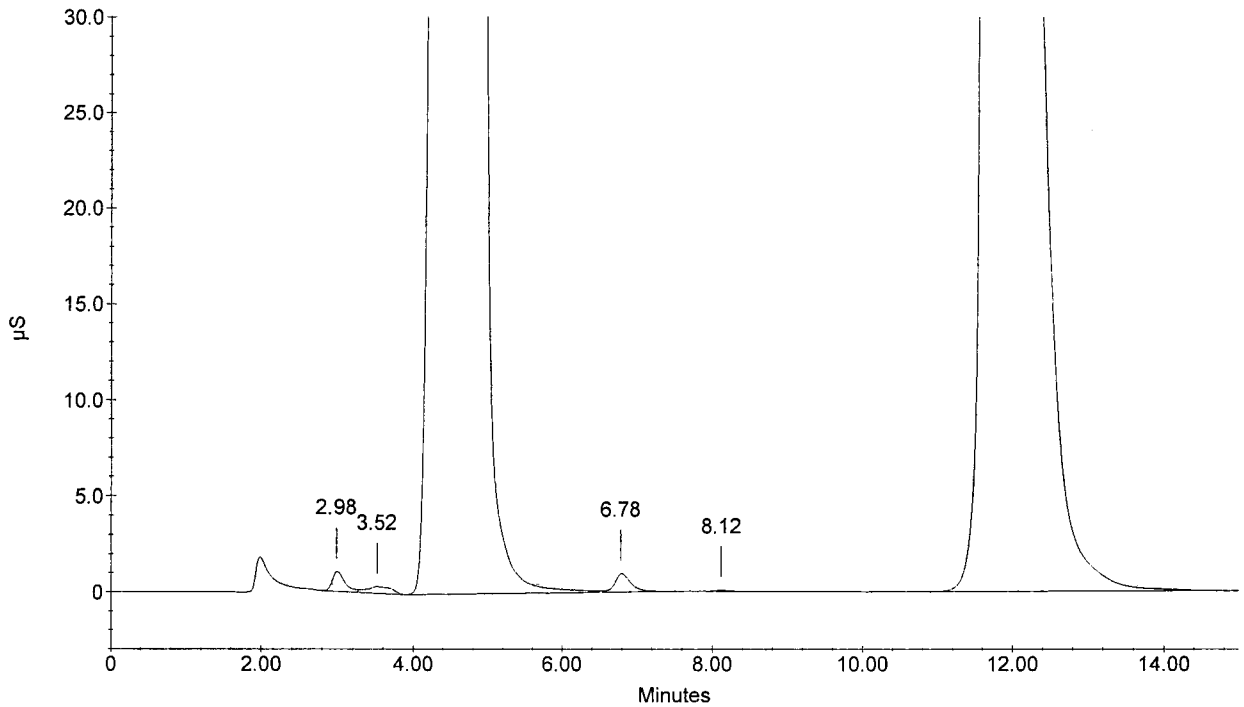
Date Time Collected : 10/18/06 5:04:15 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010066

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	0.523	10297	116306	2	-3.45
3	4.87	CHLORIDE NITRITE-N	-4976.122	5396005	144490349	2	7.67
4	6.78	BROMIDE	2.425	9509	147453	2	-4.19
5	8.12	NITRATE-N PHOSPHATE-P	0.027	604	10014	1	-1.02
6	11.73	SULFATE	-1580.845	2156813	69687116	1	-5.07
	0.00		---total(s)--- -6553.992		214451239		

286169



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 21
Data File Name : c:\peaknet\data\061018a\061018A_021.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

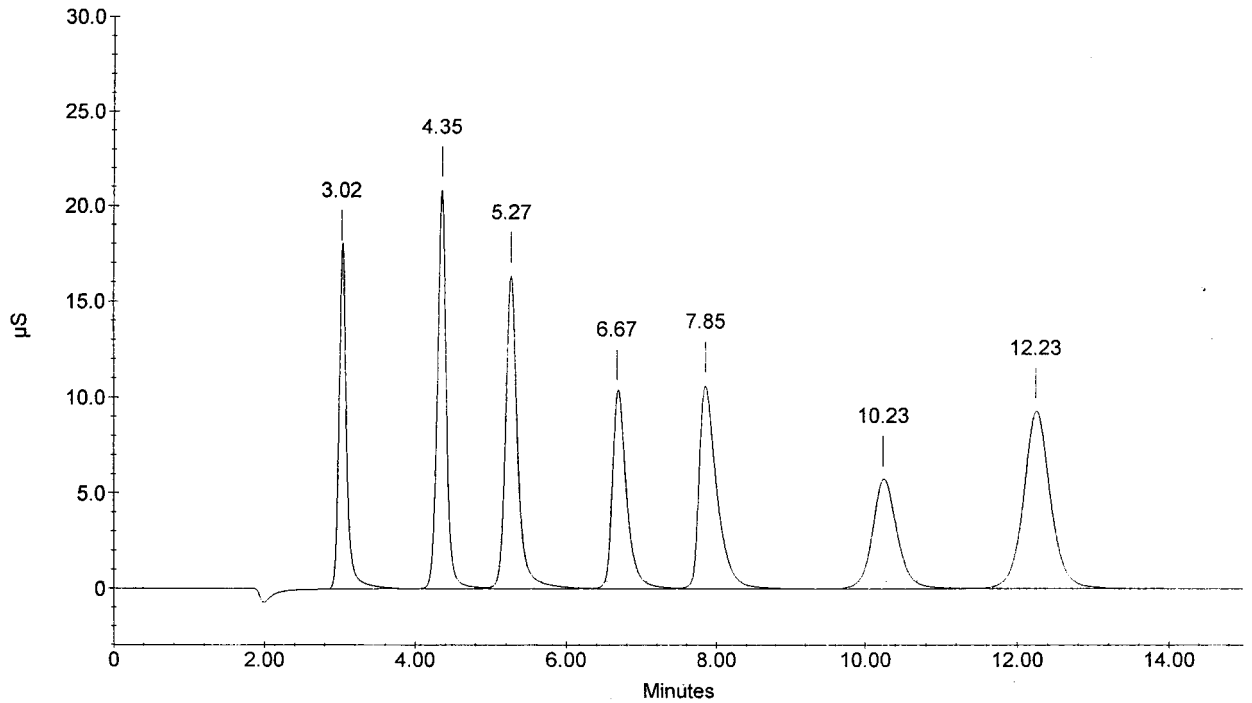
Date Time Collected : 10/18/06 5:21:54 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010067

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.886	174966	1260994	1	-2.37
2	4.35	CHLORIDE	208.741	208327	1687642	2	-3.76
3	5.27	NITRITE-N	107.984	163104	1823180	2	-4.76
4	6.67	BROMIDE	418.265	102196	1381774	2	-5.84
5	7.85	NITRATE-N	92.060	106305	1769441	2	-4.27
6	10.23	PHOSPHATE-P	201.058	57397	1320374	2	-5.25
7	12.23	SULFATE	411.746	92810	2314358	2	-6.33
	0.00		---total(s)--- 1542.741		11557763		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 22
Data File Name : c:\peaknet\data\061018a\061018A_022.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

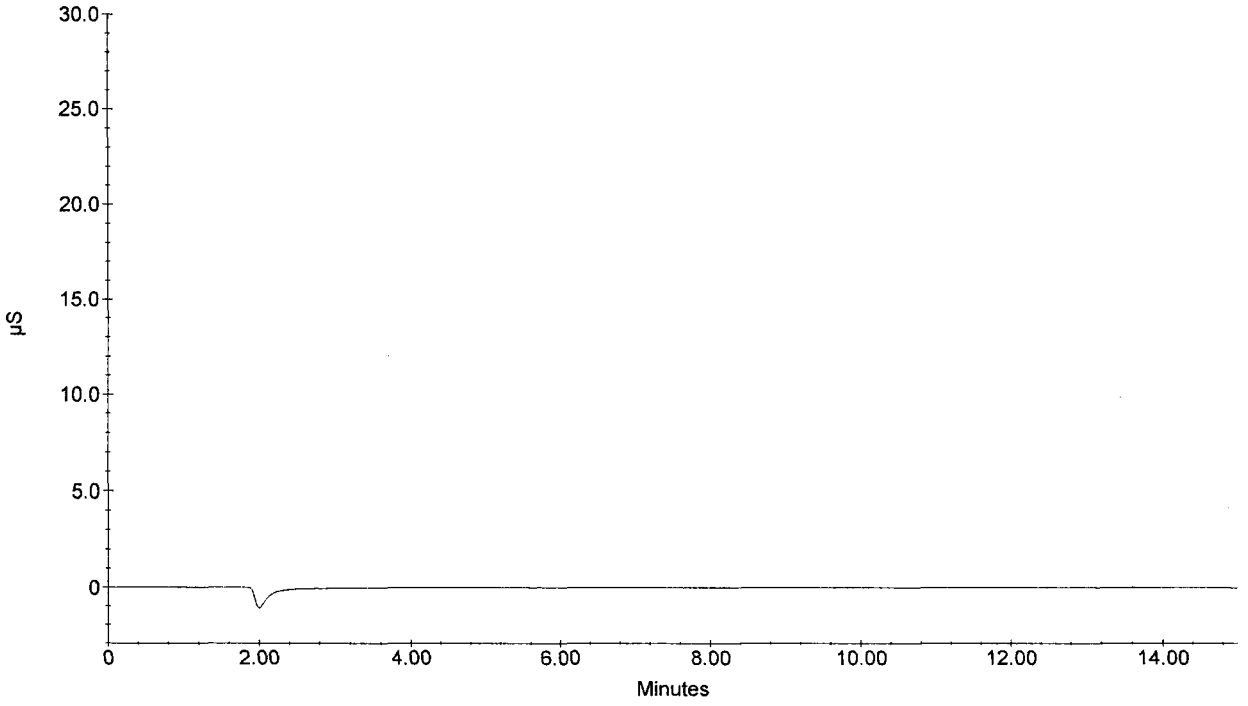
Date Time Collected : 10/18/06 5:39:35 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010068

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
	0.00	---total(s)---	0.000		0		

CCB



Sample Name : 287760 DF100
Dilution Factor : 100.00
Injection Number : 23
Data File Name : c:\peaknet\data\061018a\061018A_023.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

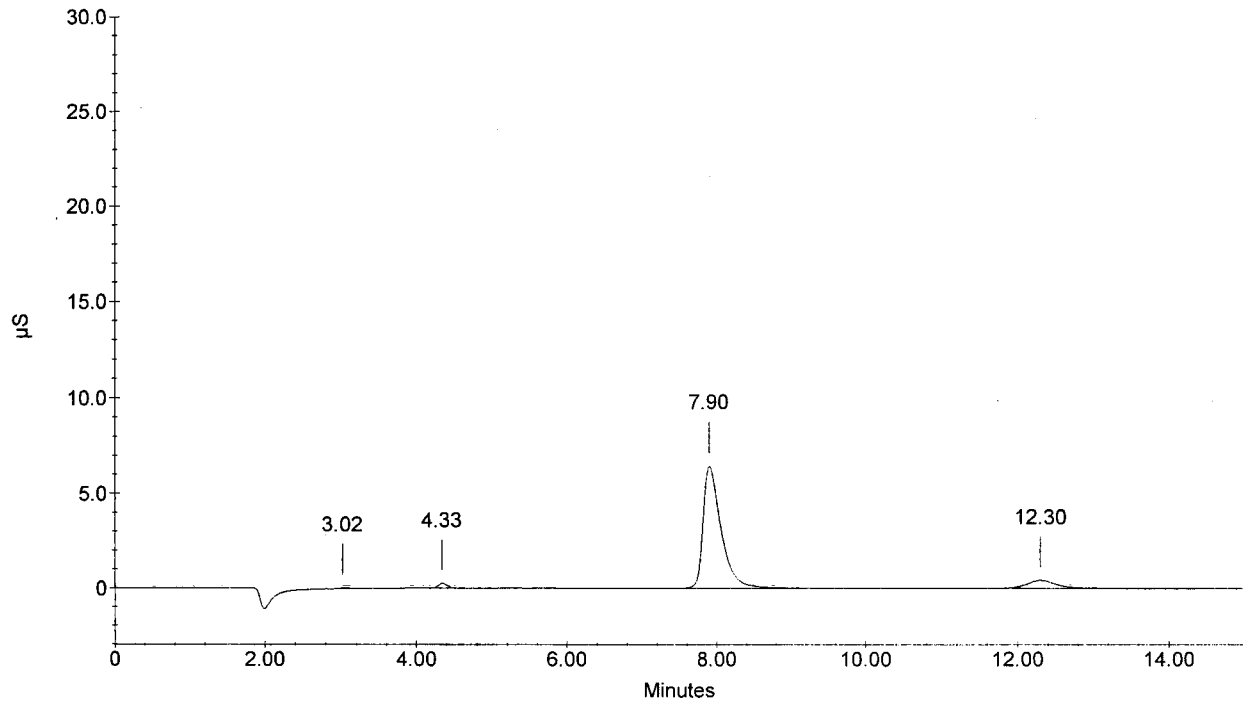
Date Time Collected : 10/18/06 5:57:14 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010069

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	3.394	465	3369	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	18.273	2488	20696	1	-4.13
3	7.90	NITRATE-N PHOSPHATE-P	287.258	64169	1089515	1	-3.66
4	12.30	SULFATE	121.446	4204	120037	1	-5.82
	0.00		---total(s)--- 430.372		1233617		

287760 DF100



Sample Name : 287760D DF100
Dilution Factor : 100.00
Injection Number : 24
Data File Name : c:\peaknet\data\061018a\061018A_024.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

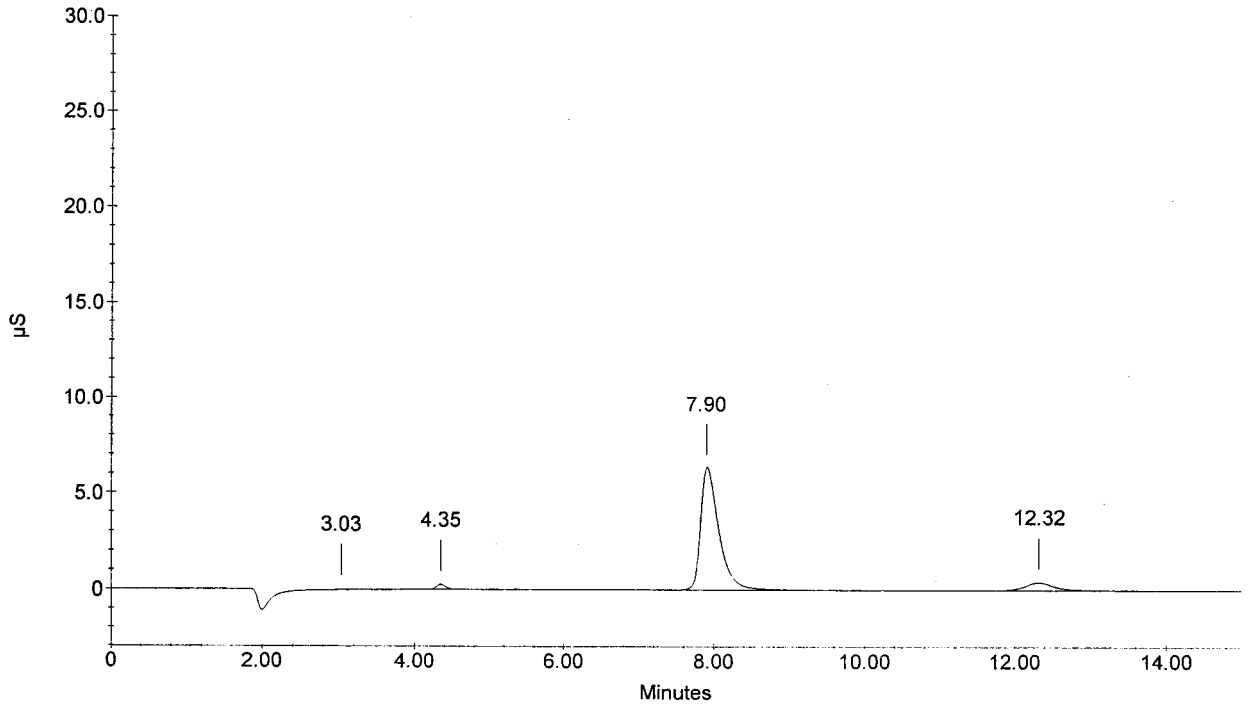
Date Time Collected : 10/18/06 6:14:53 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010070

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	3.332	460	3228	1	-1.83
2	4.35	CHLORIDE NITRITE-N BROMIDE	18.209	2516	20599	1	-3.76
3	7.90	NITRATE-N PHOSPHATE-P	282.907	63096	1072656	1	-3.66
4	12.32	SULFATE	120.726	4081	119307	1	-5.69
	0.00		---total(s)--- 425.175		1215791		

287760D DF100



Sample Name : 287760S DF100
Dilution Factor : 100.00
Injection Number : 25
Data File Name : c:\peaknet\data\061018a\061018A_025.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

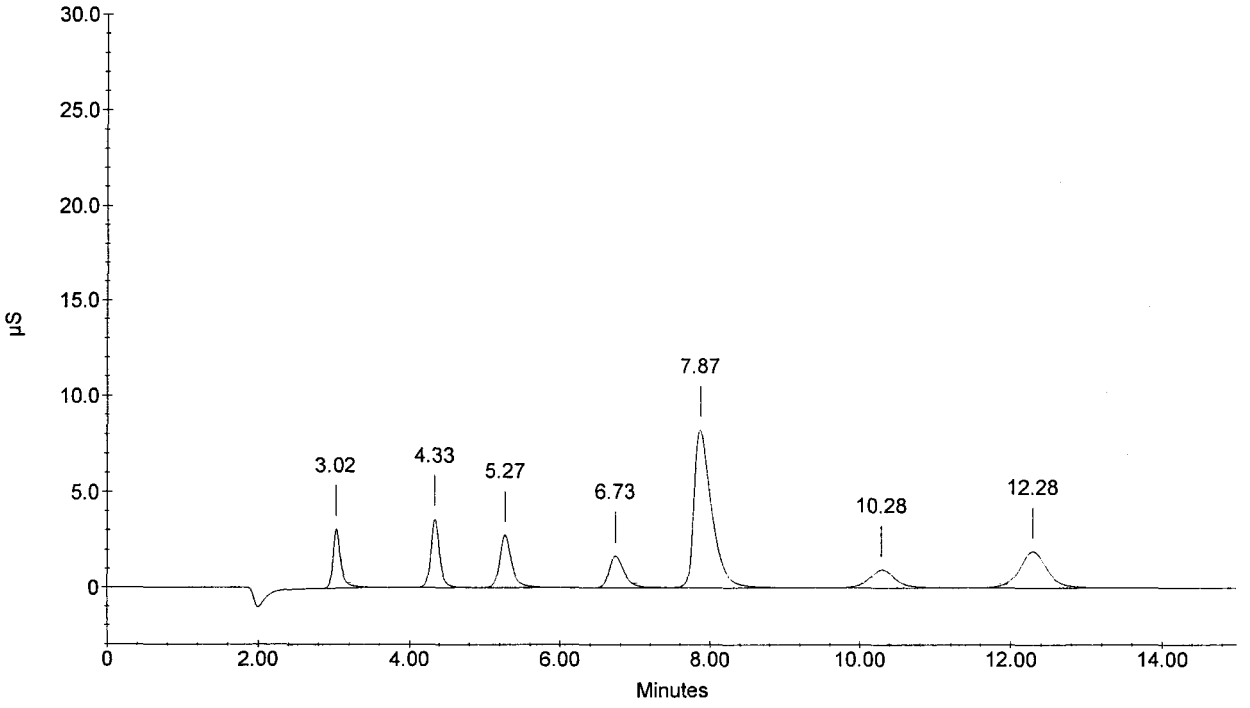
Date Time Collected : 10/18/06 6:32:32 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010071

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	99.166	30829	225893	1	-2.37
2	4.33	CHLORIDE	200.321	35586	298784	2	-4.13
3	5.27	NITRITE-N	99.052	27544	310143	2	-4.76
4	6.73	BROMIDE	393.458	17005	241232	2	-4.90
5	7.87	NITRATE-N	360.003	82243	1373058	2	-4.07
6	10.28	PHOSPHATE-P	193.559	9573	237040	2	-4.78
7	12.28	SULFATE	490.131	19270	500975	2	-5.95
	0.00		---total(s)--- 1835.689		3187124		

287760S DF100



Sample Name : 287761 DF100
Dilution Factor : 100.00
Injection Number : 26
Data File Name : c:\peaknet\data\061018a\061018A_026.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

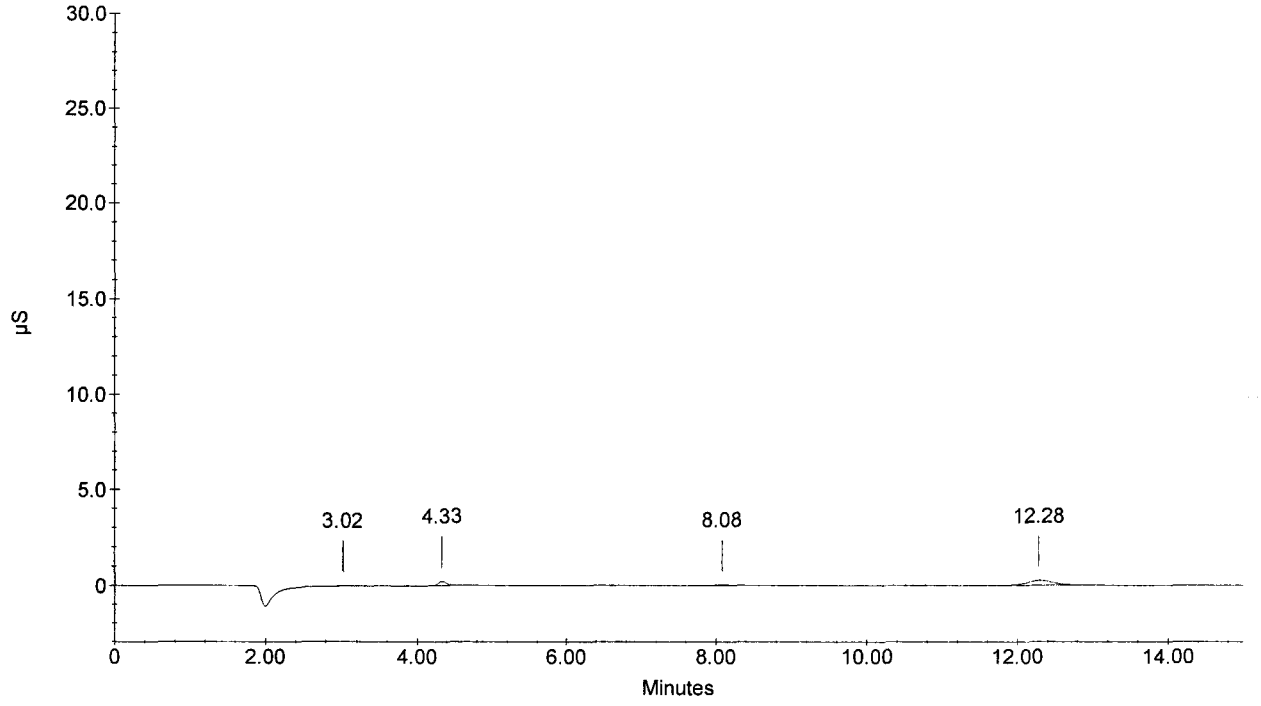
Date Time Collected : 10/18/06 6:50:11 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010072

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.843	340	2108	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	17.807	2465	19993	1	-4.13
3	8.08	NITRATE-N PHOSPHATE-P	2.269	505	8425	1	-1.42
4	12.28	SULFATE	66.526	2574	64466	1	-5.95
			---total(s)---				
	0.00		89.445		94992		

287761 DF100



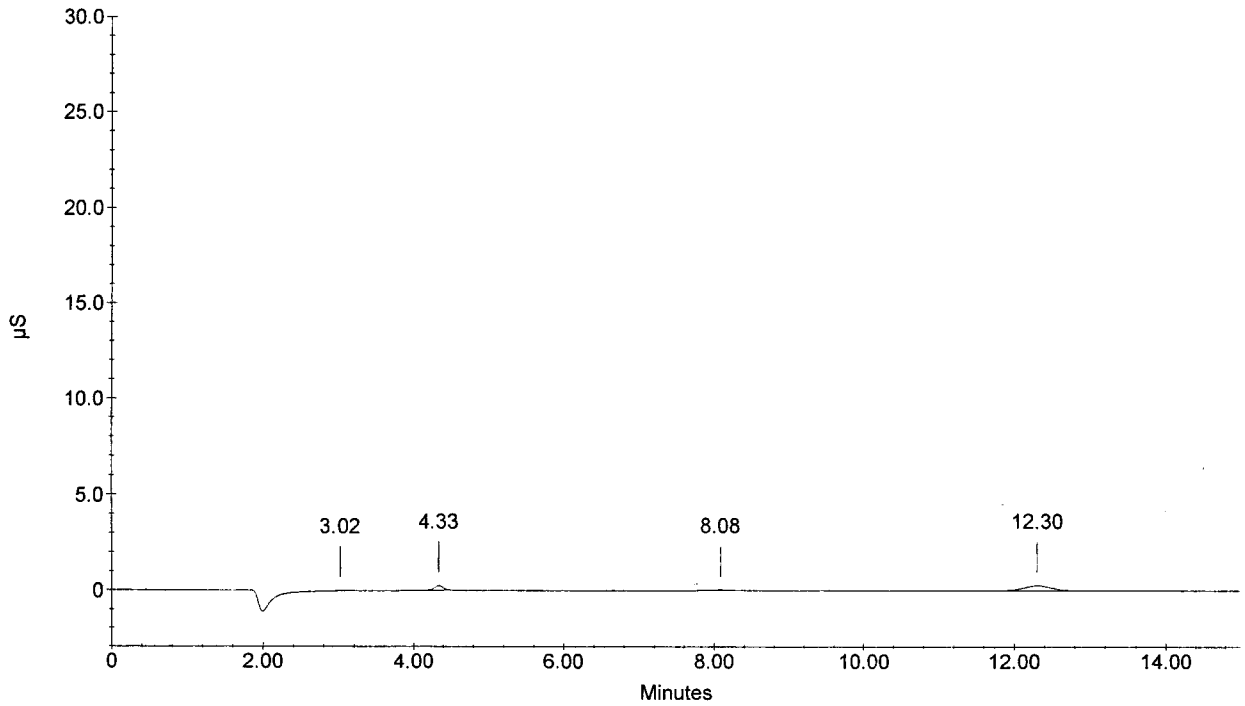
Sample Name : 287762 DF100
Dilution Factor : 100.00
Injection Number : 27
Data File Name : c:\peaknet\data\061018a\061018A_027.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 7:07:50 PM **010073**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.830	312	2078	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	18.057	2548	20369	1	-4.13
3	8.08	NITRATE-N PHOSPHATE-P	2.192	519	8142	1	-1.42
4	12.30	SULFATE	74.830	2731	72850	1	-5.82
	0.00		---total(s)--- 97.909		103439		

287762 DF100



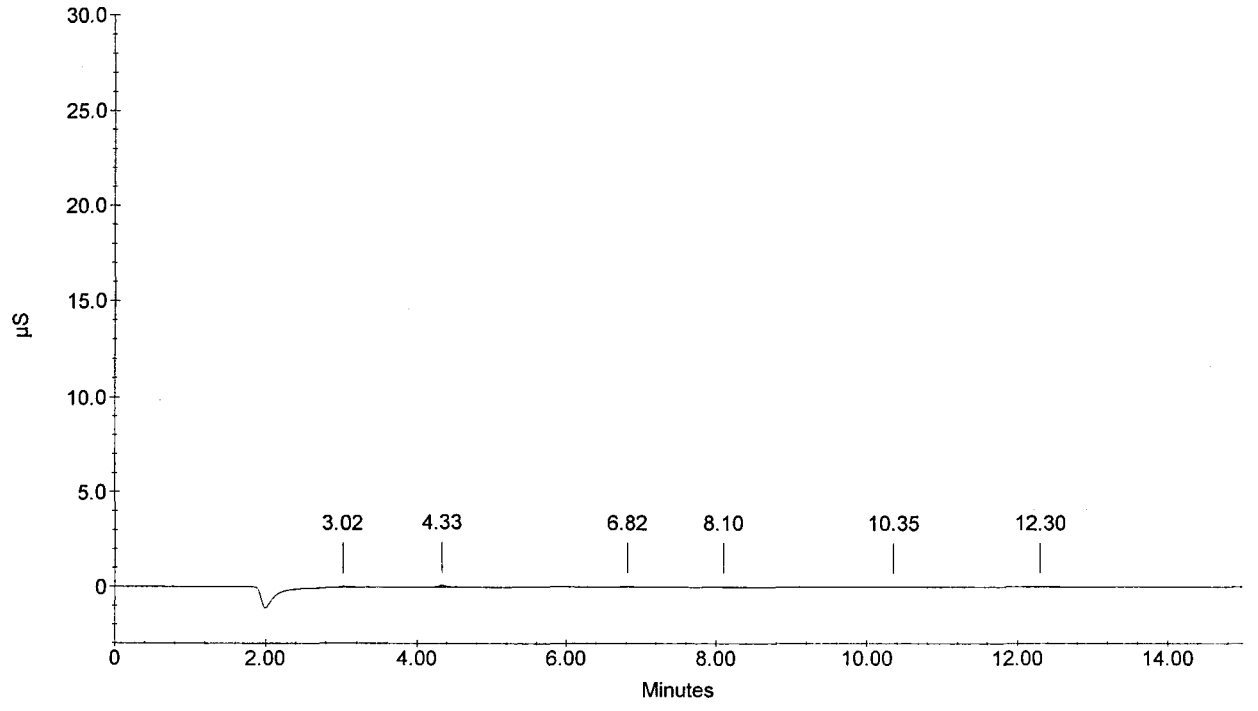
Sample Name : 287763 DF100
Dilution Factor : 100.00
Injection Number : 28
Data File Name : c:\peaknet\data\061018a\061018A_028.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 7:25:29 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	3.391	538	3363	1	-2.37
2	4.33	CHLORIDE	8.936	809	6611	1	-4.13
		NITRITE-N					
3	6.82	BROMIDE	9.013	315	4414	1	-3.72
4	8.10	NITRATE-N	1.303	316	4840	1	-1.22
5	10.35	PHOSPHATE-P	4.753	154	3134	1	-4.17
6	12.30	SULFATE	9.294	303	6865	1	-5.82
	0.00		---total(s)--- 36.690		29227		

287763 DF100



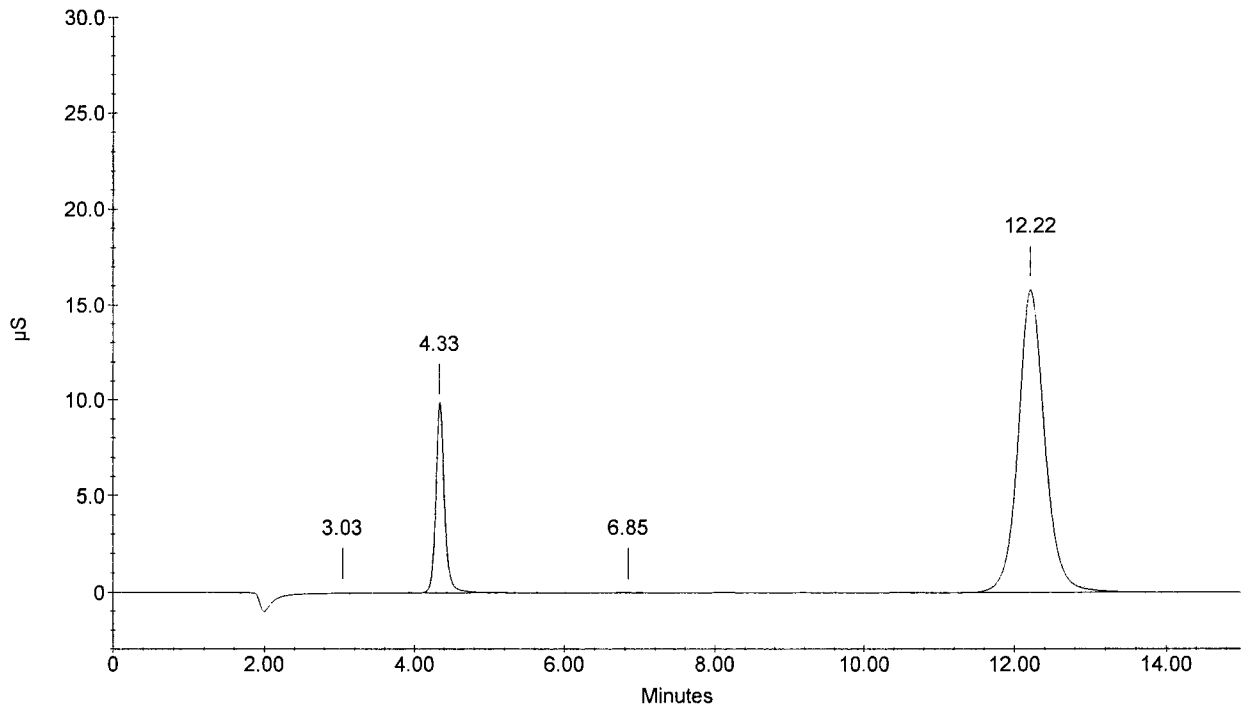
Sample Name : 286166 DF50
Dilution Factor : 50.00
Injection Number : 29
Data File Name : ...\061018A_029.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 7:43:08 PM **010075**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.368	221	1863	1	-1.83
2	4.33	CHLORIDE NITRITE-N	261.667	96149	809711	1	-4.13
3	6.85	BROMIDE NITRATE-N PHOSPHATE-P	2.101	101	1492	1	-3.25
4	12.22	SULFATE	1576.521	157806	3860936	1	-6.46
	0.00		---total(s)--- 1841.657		4674003		

286166 DF50



Sample Name : 286167 DF50
Dilution Factor : 50.00
Injection Number : 30
Data File Name : c:\peaknet\data\061018a\061018A_030.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

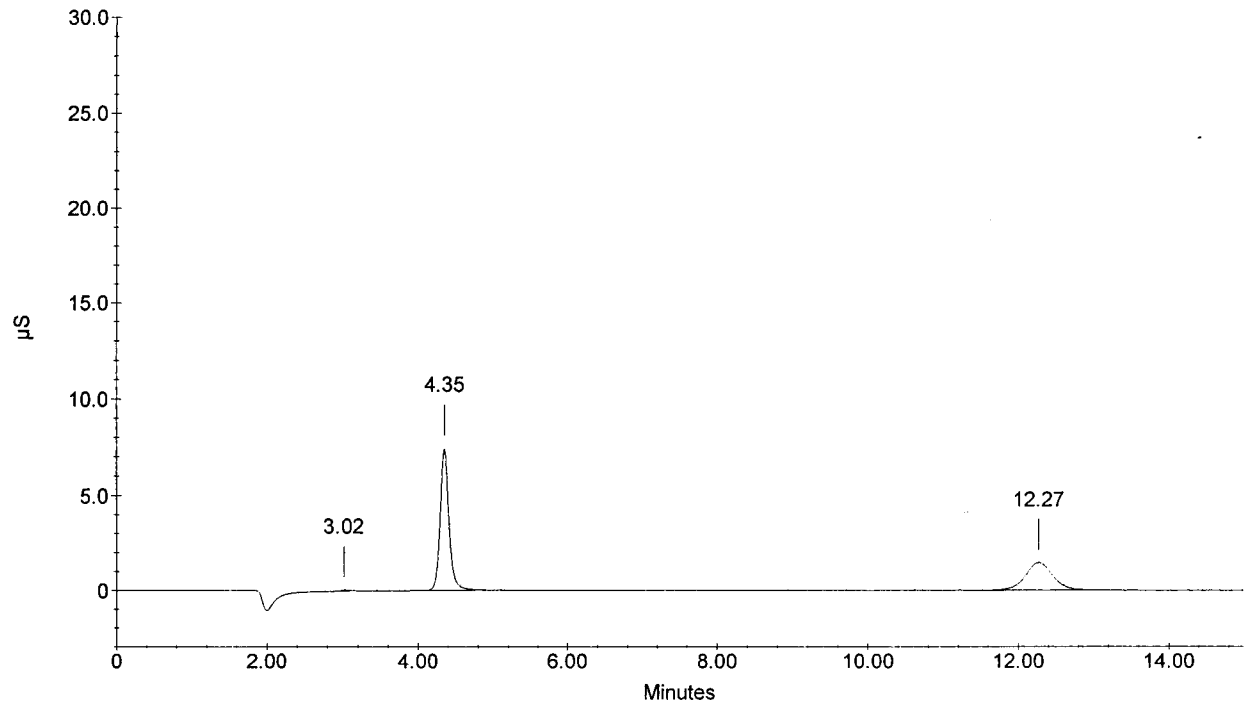
Date Time Collected : 10/18/06 8:00:47 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010076

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.737	576	3553	1	-2.37
2	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	199.126	73946	609063	1	-3.76
3	12.27	SULFATE	183.889	14502	372988	1	-6.07
	0.00		---total(s)--- 384.752		985605		

286167 DF50



Sample Name : 286168 DF50
Dilution Factor : 50.00
Injection Number : 31
Data File Name : c:\peaknet\data\061018a\061018A_031.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

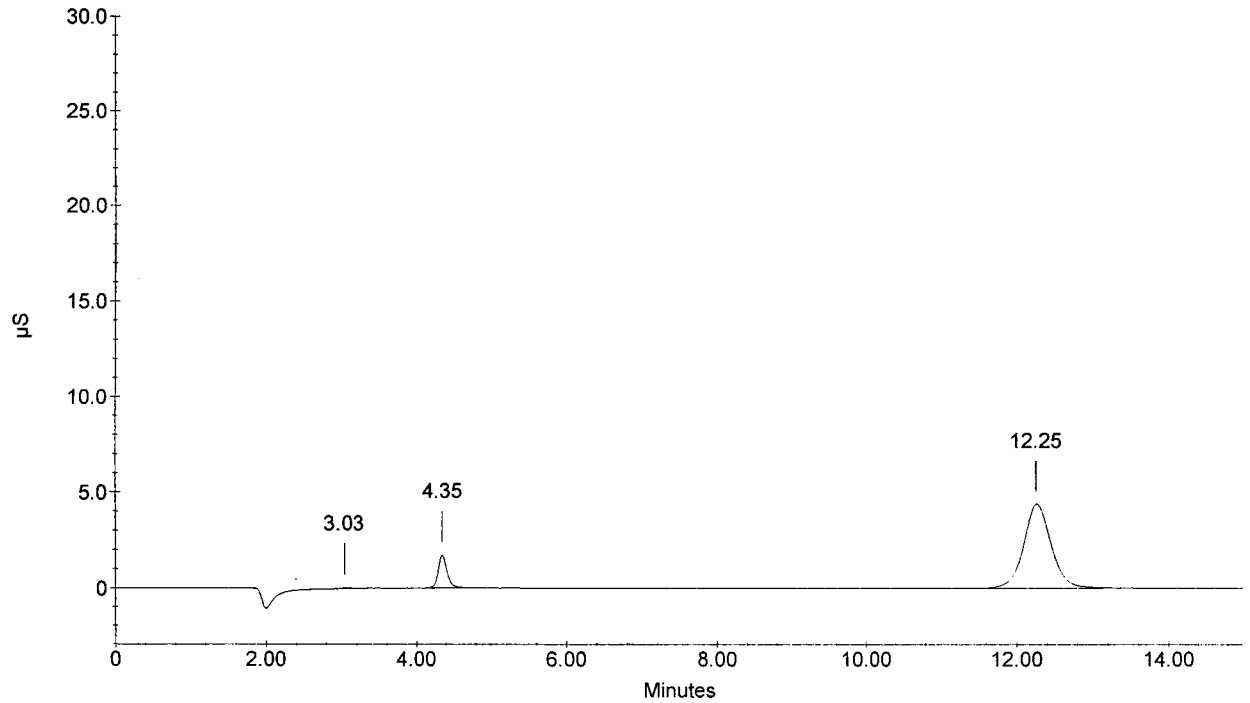
Date Time Collected : 10/18/06 8:18:26 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010077

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.604	436	2945	1	-1.83
2	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	48.851	16873	141204	1	-3.76
3	12.25	SULFATE	521.370	43284	1100399	1	-6.20
	0.00		---total(s)--- 571.825		1244548		

286168 DF50



Sample Name : 286169 DF50
Dilution Factor : 50.00
Injection Number : 32
Data File Name : ...\061018A_032.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

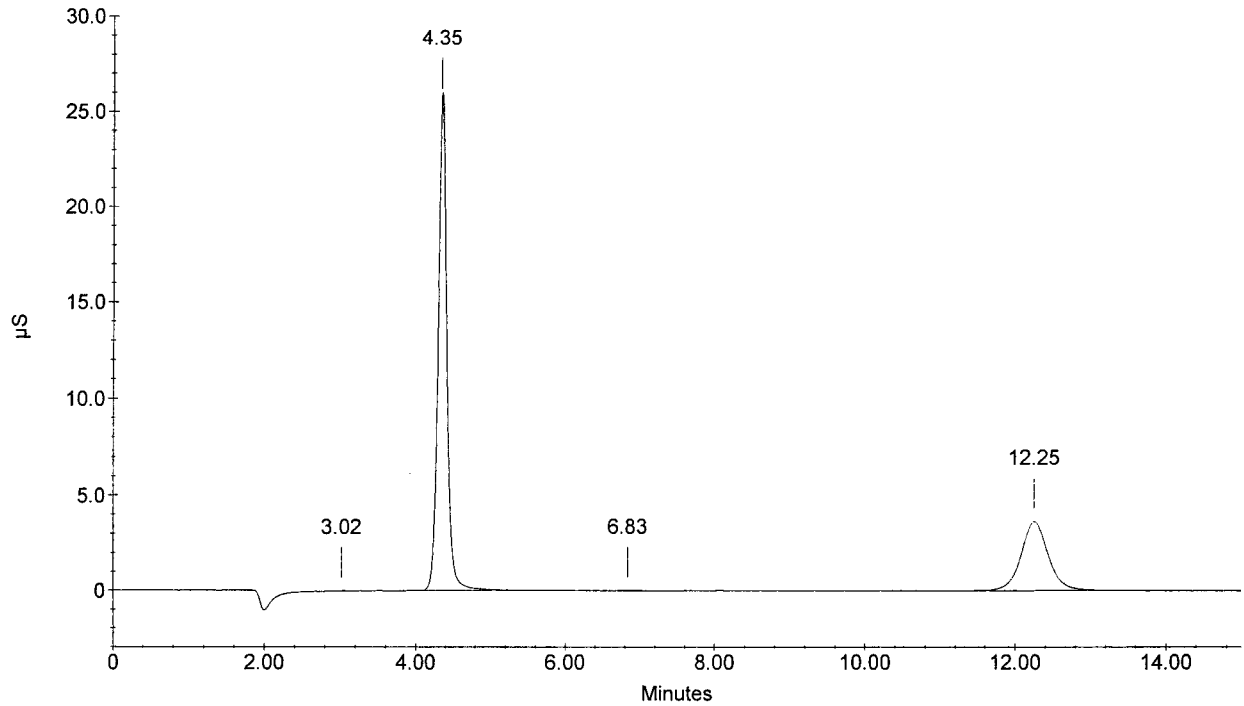
Date Time Collected : 10/18/06 8:36:06 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010078

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.376	269	1901	1	-2.37
2	4.35	CHLORIDE NITRITE-N	631.309	254914	2080955	1	-3.76
3	6.83	BROMIDE NITRATE-N PHOSPHATE-P	2.765	174	2298	1	-3.48
4	12.25	SULFATE	439.212	36184	918300	1	-6.20
	0.00		---total(s)--- 1074.662		3003454		

286169 DF50



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 33
Data File Name : c:\peaknet\data\061018a\061018A_033.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

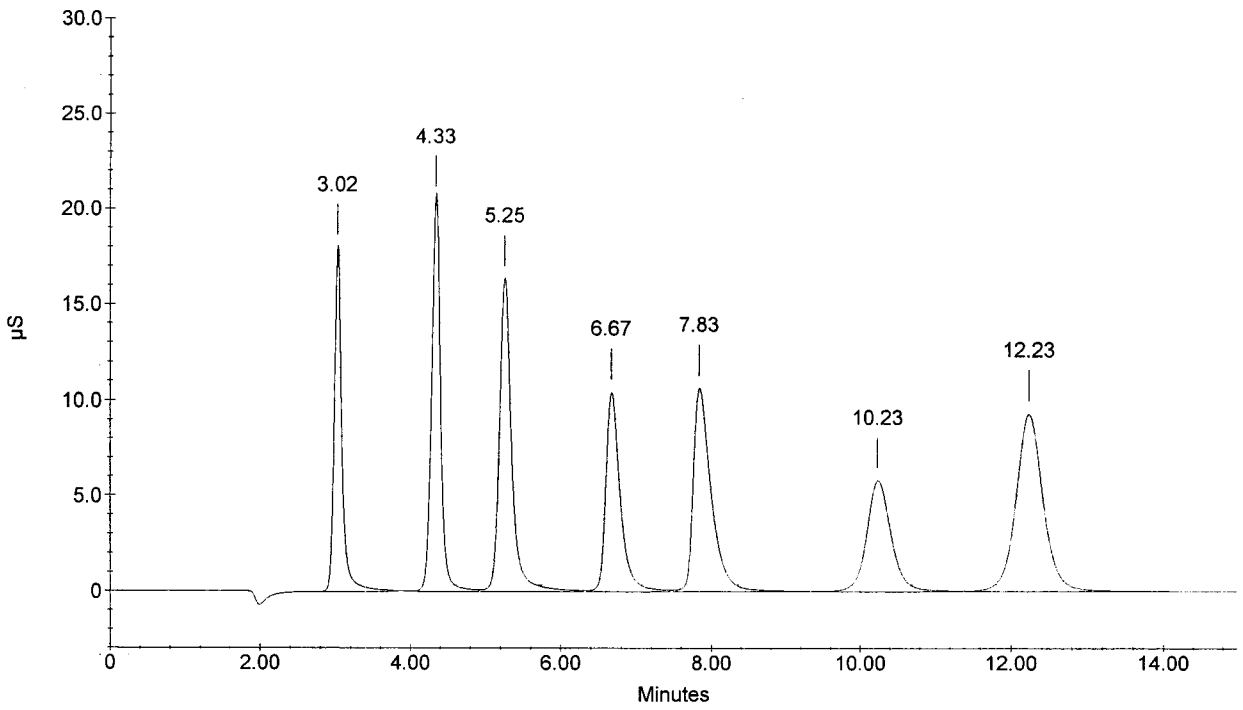
Date Time Collected : 10/18/06 8:53:45 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010079

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.963	179413	1275117	2	-2.37
2	4.33	CHLORIDE	211.747	204850	1714147	2	-4.13
3	5.25	NITRITE-N	110.256	163107	1864275	2	-5.06
4	6.67	BROMIDE	424.342	104112	1403874	2	-5.84
5	7.83	NITRATE-N	93.516	106062	1798459	2	-4.47
6	10.23	PHOSPHATE-P	204.215	57824	1342900	2	-5.25
7	12.23	SULFATE	412.475	93033	2319030	2	-6.33
	0.00		---total(s)--- 1560.514		11717804		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 34
Data File Name : c:\peaknet\data\061018a\061018A_034.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

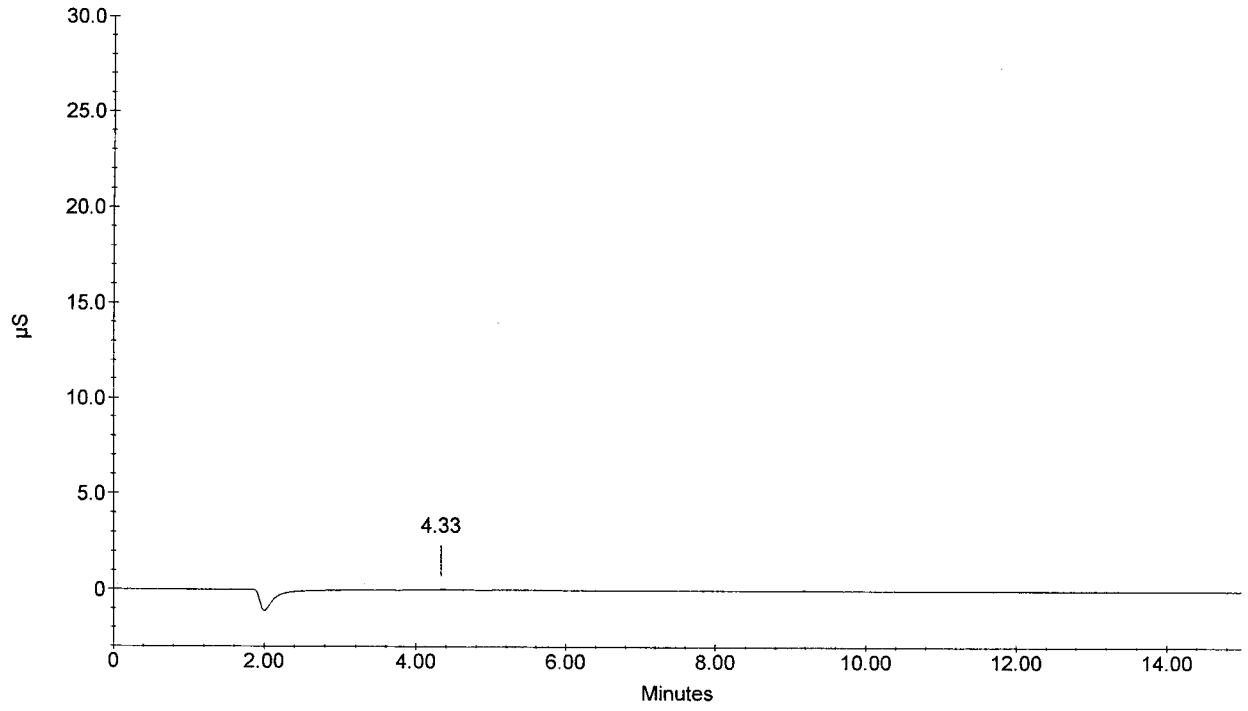
Date Time Collected : 10/18/06 9:11:26 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010080

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.33	CHLORIDE	0.064	359	2756	1	-4.13
1	4.33	CHLORIDE	0.064	359	2756	1	-4.13
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
		---total(s)---					
	0.00		0.128		5512		

CCB



Sample Name : 287760 DF5
Dilution Factor : 5.00
Injection Number : 35
Data File Name : c:\peaknet\data\061018a\061018A_035.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

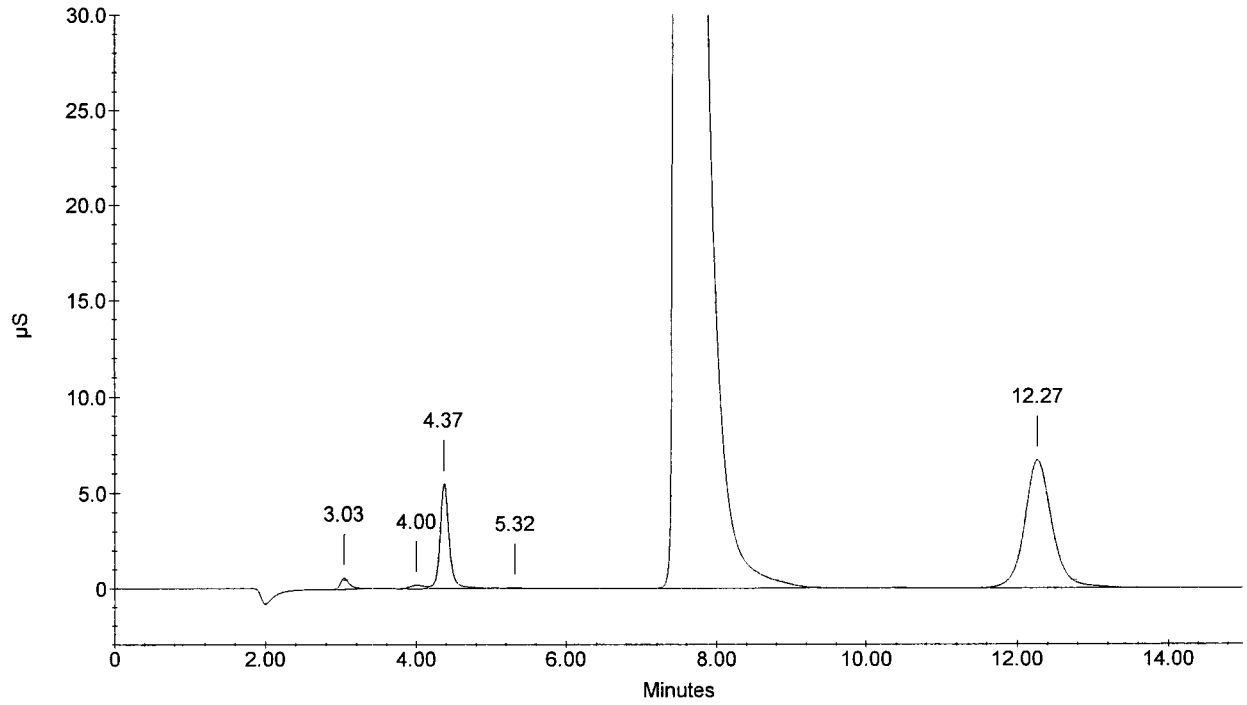
Date Time Collected : 10/18/06 9:29:05 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010081

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.203	6085	50878	1	-1.83
3	4.37	CHLORIDE	15.850	54336	480665	3	-3.39
4	5.32	NITRITE-N	0.198	479	6021	4	-3.86
5	7.50	BROMIDE	-1867.373	1524604	29699032	1	5.93
		NITRATE-N					
		PHOSPHATE-P					
6	12.27	SULFATE	77.471	66762	1685197	1	-6.07
	0.00	---total(s)---	-1772.651		31921792		

287760 DF5



Sample Name : 287760D DF5
Dilution Factor : 5.00
Injection Number : 36
Data File Name : c:\peaknet\data\061018a\061018A_036.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

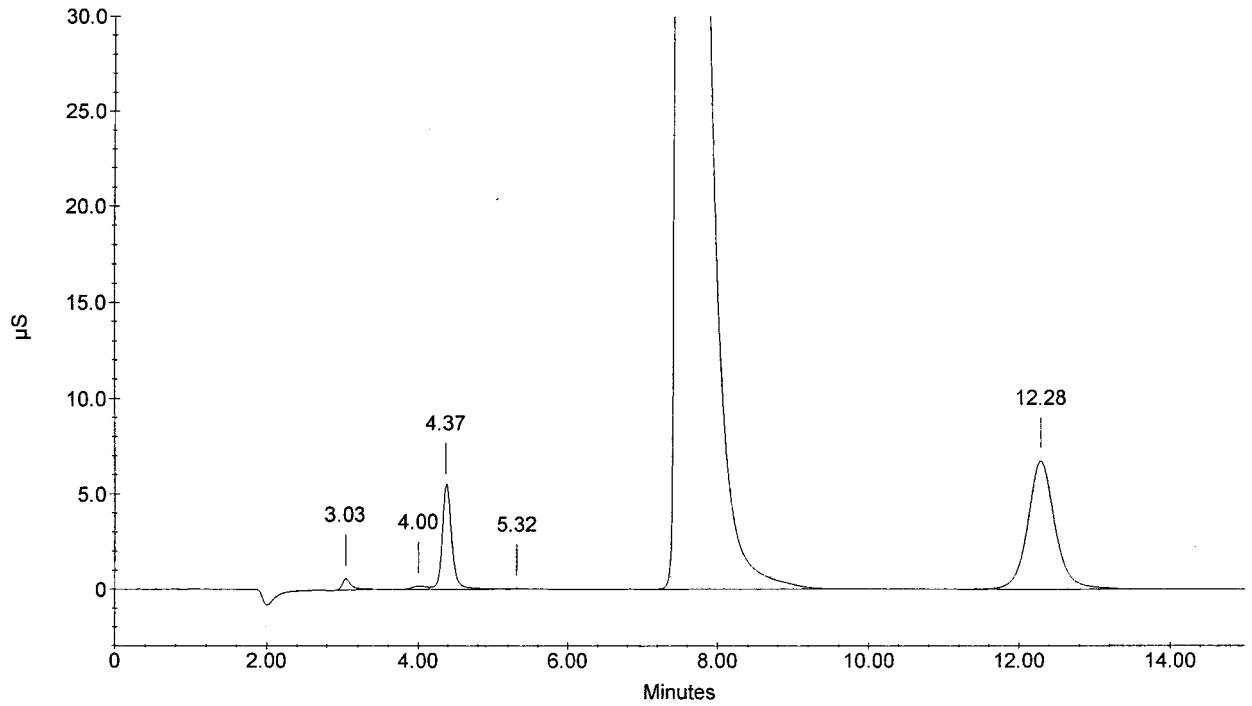
Date Time Collected : 10/18/06 9:46:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010082

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.203	6085	50879	1	-1.83
3	4.37	CHLORIDE	15.986	53507	484925	3	-3.39
4	5.32	NITRITE-N	0.196	482	5890	4	-3.86
5	7.52	BROMIDE NITRATE-N PHOSPHATE-P	-1913.731	1535484	29920616	1	6.17
6	12.28	SULFATE	77.884	66996	1695047	1	-5.95
	0.00	---total(s)---	-1818.463		32157357		

287760D DF5



Sample Name : 287760S DF5
Dilution Factor : 5.00
Injection Number : 37
Data File Name : c:\peaknet\data\061018a\061018A_037.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

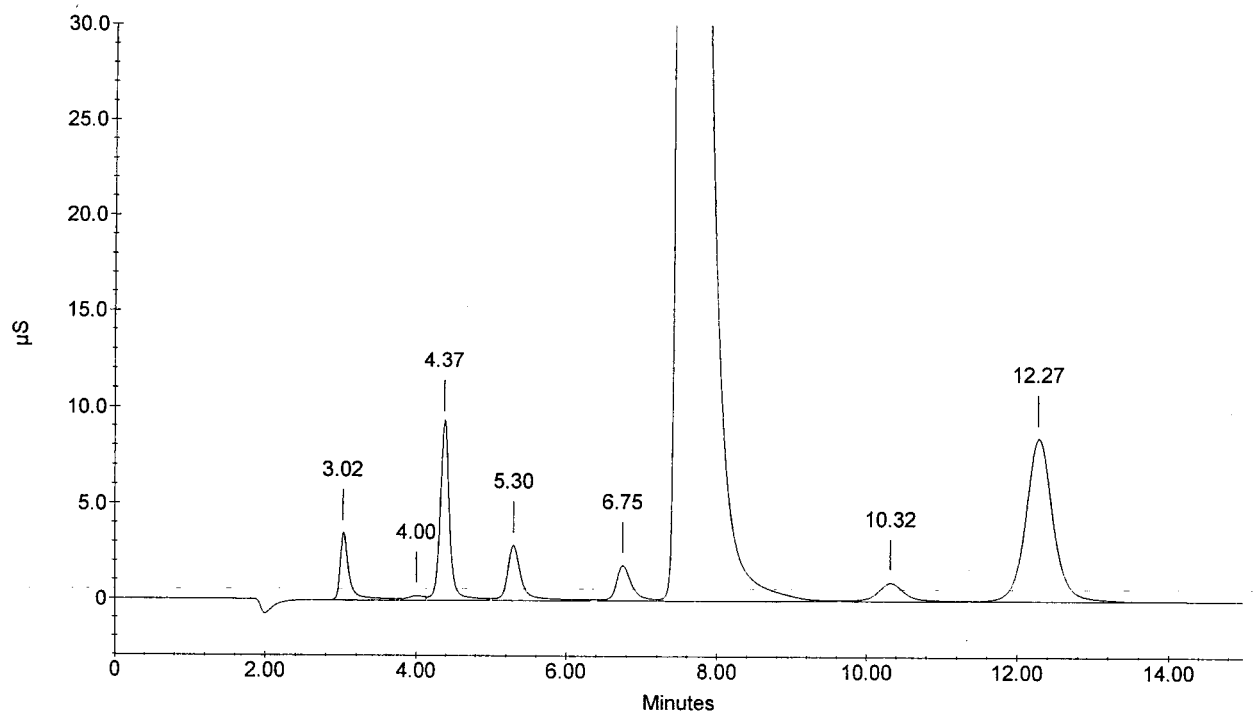
Date Time Collected : 10/18/06 10:04:22 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010083

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	6.708	34937	308751	2	-2.37
3	4.37	CHLORIDE	26.637	91653	824938	2	-3.39
4	5.30	NITRITE-N	6.152	29104	388142	2	-4.16
5	6.75	BROMIDE	22.138	18461	272101	2	-4.66
6	7.52	NITRATE-N	171.479	1534112	29830062	2	-8.33
7	10.32	PHOSPHATE-P	10.871	9660	267033	2	-4.48
8	12.27	SULFATE	96.525	84667	2151560	2	-6.07
	0.00	---total(s)---	340.510		34042587		

287760S DF5



Sample Name : 287761
Dilution Factor : 1.00
Injection Number : 38
Data File Name : c:\peaknet\data\061018a\061018A_038.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

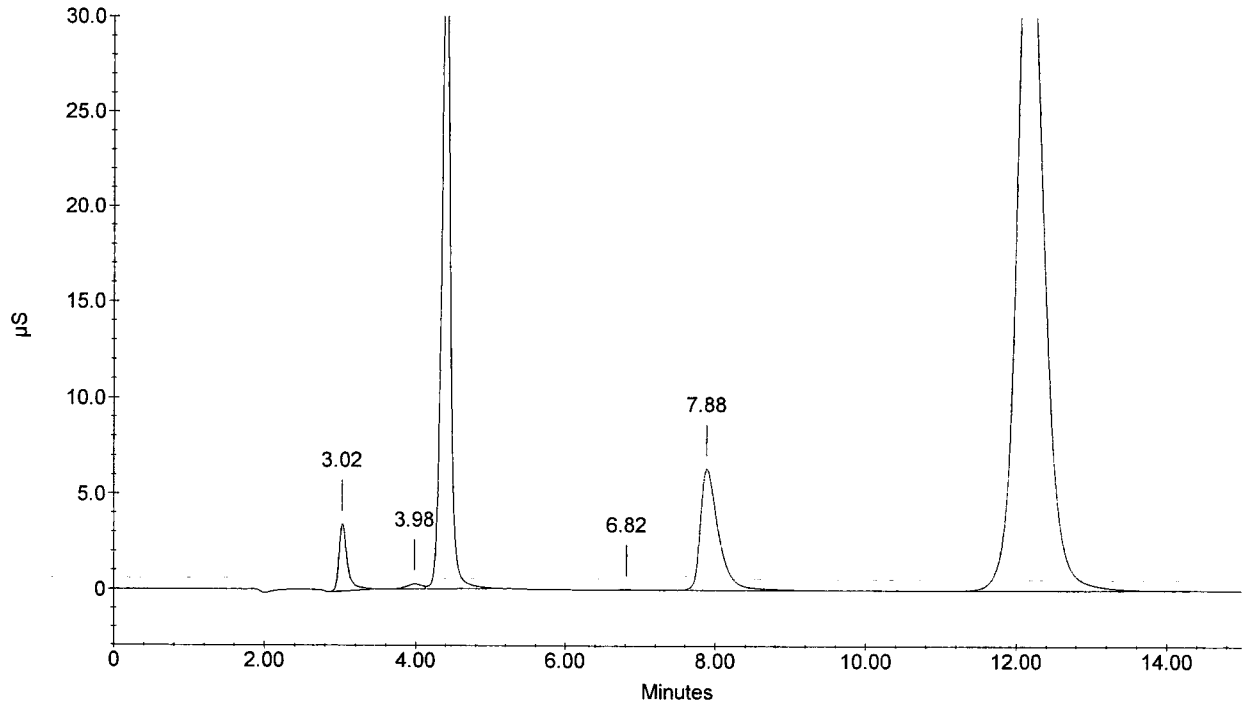
Date Time Collected : 10/18/06 10:22:03 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010084

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.187	35072	272066	1	-2.37
3	4.40	CHLORIDE	16.287	364941	2777364	2	-2.65
		NITRITE-N					
4	6.82	BROMIDE	0.096	334	4776	1	-3.72
5	7.88	NITRATE-N	2.813	63160	1066396	1	-3.86
		PHOSPHATE-P					
6	12.15	SULFATE	52.247	384471	9328452	1	-6.97
	0.00		---total(s)--- 72.629		13449055		

287761



Sample Name : 287762
Dilution Factor : 1.00
Injection Number : 39
Data File Name : c:\peaknet\data\061018a\061018A_039.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

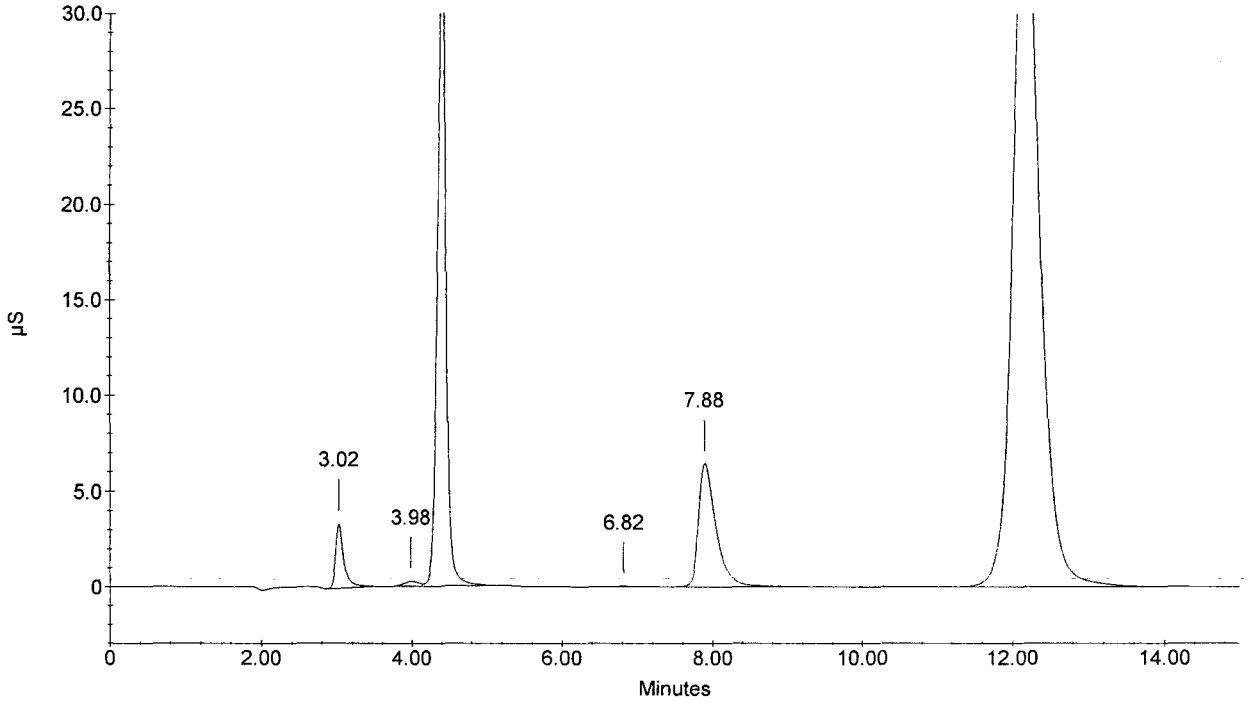
Date Time Collected : 10/18/06 10:39:42 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010085

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.139	33682	260691	1	-2.37
3	4.40	CHLORIDE NITRITE-N	15.435	344130	2610647	2	-2.65
4	6.82	BROMIDE	0.086	300	4140	1	-3.72
5	7.88	NITRATE-N PHOSPHATE-P	2.807	63836	1064209	1	-3.86
6	12.15	SULFATE	52.282	386016	9357461	1	-6.97
		---total(s)---					
	0.00		71.749		13297148		

287762



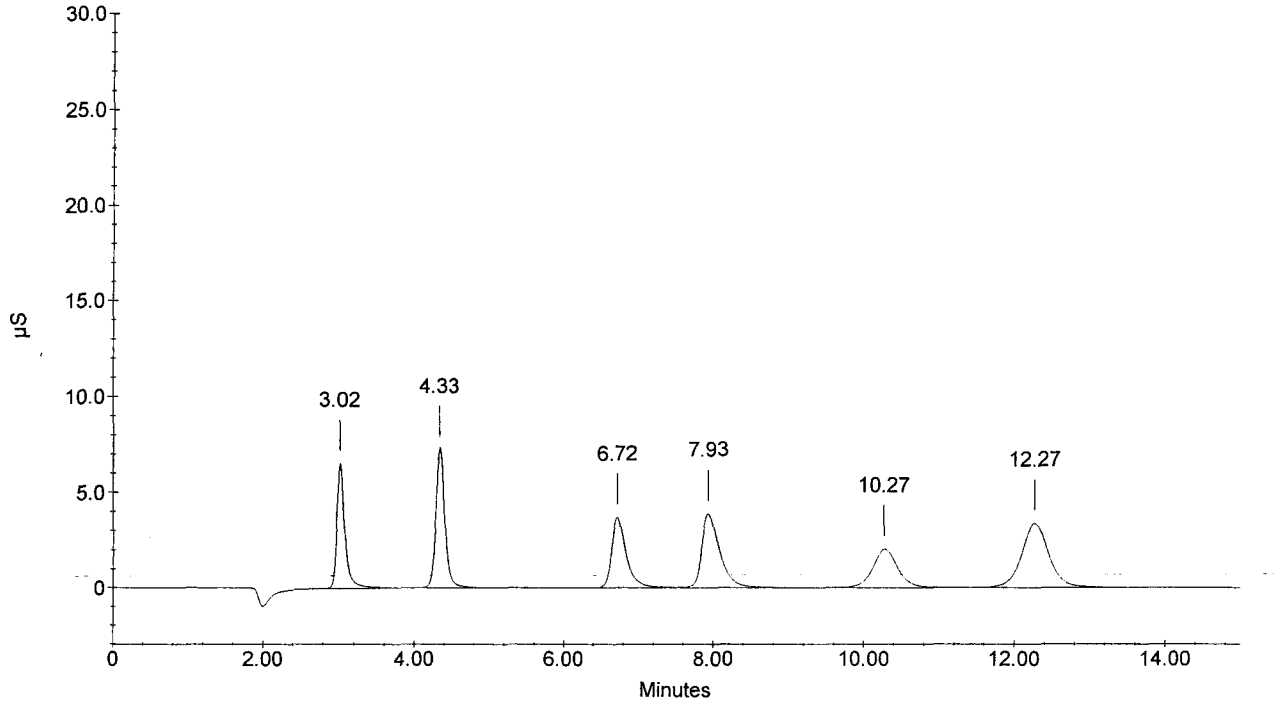
Sample Name : 287763
Dilution Factor : 1.00
Injection Number : 40
Data File Name : c:\peaknet\data\061018a\061018A_040.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 10:57:21 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.992	65017	464943	1	-2.37
2	4.33	CHLORIDE NITRITE-N	3.953	71906	604373	1	-4.13
3	6.72	BROMIDE	8.218	36786	513469	2	-5.13
4	7.93	NITRATE-N	1.749	38836	657835	2	-3.25
5	10.27	PHOSPHATE-P	3.902	20469	487215	2	-4.94
6	12.27	SULFATE	8.293	33736	864500	2	-6.07
	0.00		---total(s)--- 28.107		3592335		

287763



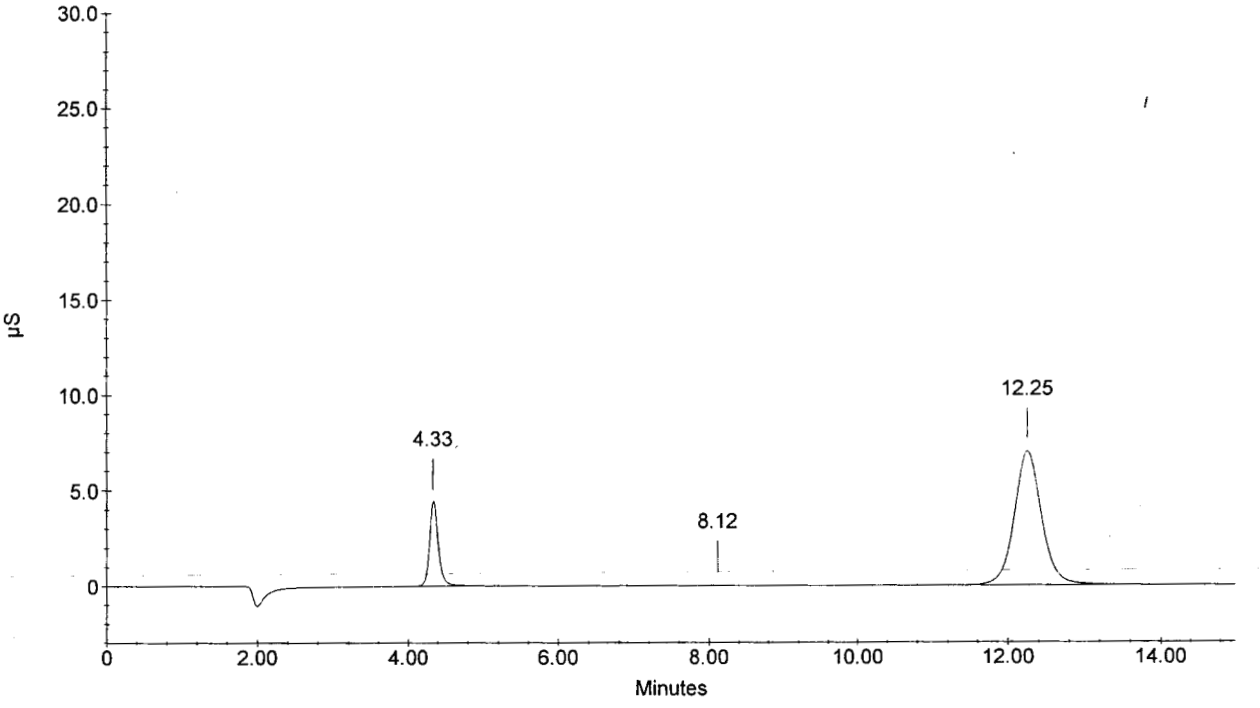
Sample Name : 286166 DF100
Dilution Factor : 100.00
Injection Number : 41
Data File Name : c:\peaknet\data\061018a\061018A_041.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 11:15:00 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.33	CHLORIDE	245.597	43336	369008	1	-4.13
1	4.33	CHLORIDE NITRITE-N BROMIDE	245.597	43336	369008	1	-4.13
2	8.12	NITRATE-N PHOSPHATE-P	0.784	189	2912	1	-1.02
3	12.25	SULFATE	1594.274	69651	1738828	1	-6.20
	0.00	---total(s)---	2086.251		2479755		

286166 DF100



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 42
Data File Name : c:\peaknet\data\061018a\061018A_042.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

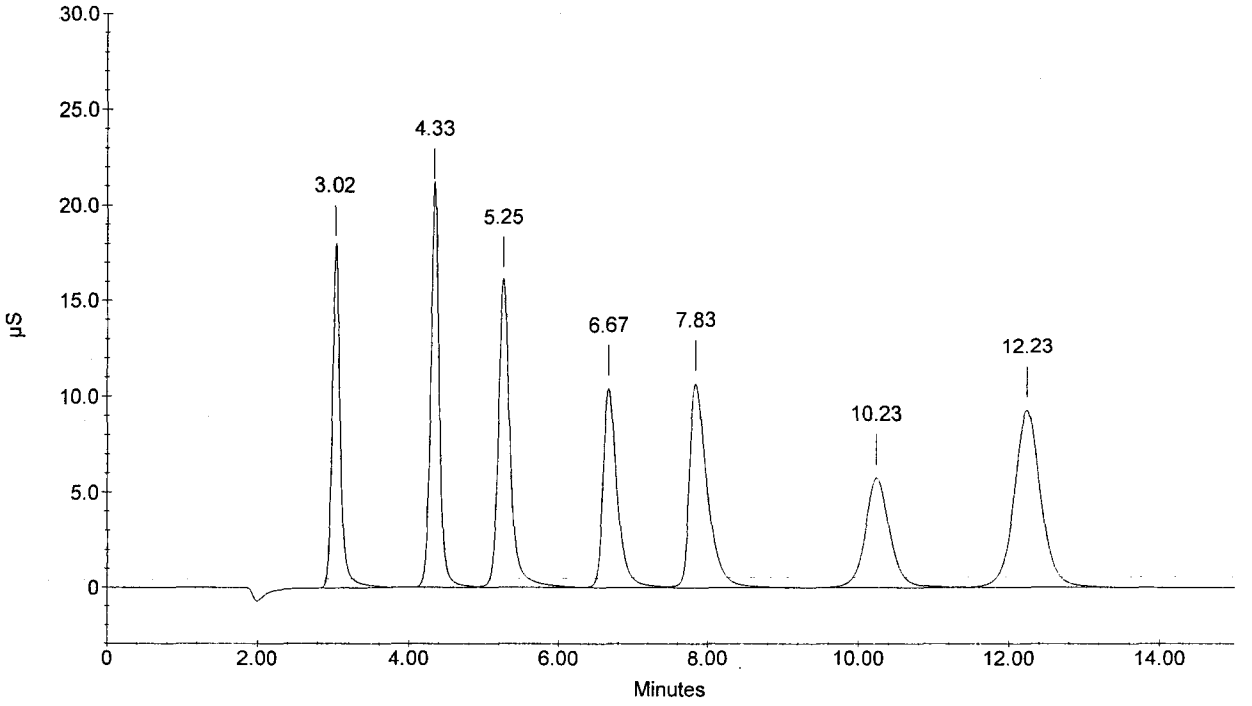
Date Time Collected : 10/18/06 11:32:39 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010088

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.357	177140	1254060	1	-2.37
2	4.33	CHLORIDE	211.796	206540	1714585	2	-4.13
3	5.25	NITRITE-N	106.744	160263	1800799	2	-5.06
4	6.67	BROMIDE	415.397	103651	1371368	2	-5.84
5	7.83	NITRATE-N	91.720	106268	1762667	2	-4.47
6	10.23	PHOSPHATE-P	199.788	57300	1311327	2	-5.25
7	12.23	SULFATE	409.665	92425	2301027	2	-6.33
	0.00		---total(s)--- 1537.468		11515834		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 43
Data File Name : c:\peaknet\data\061018a\061018A_043.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

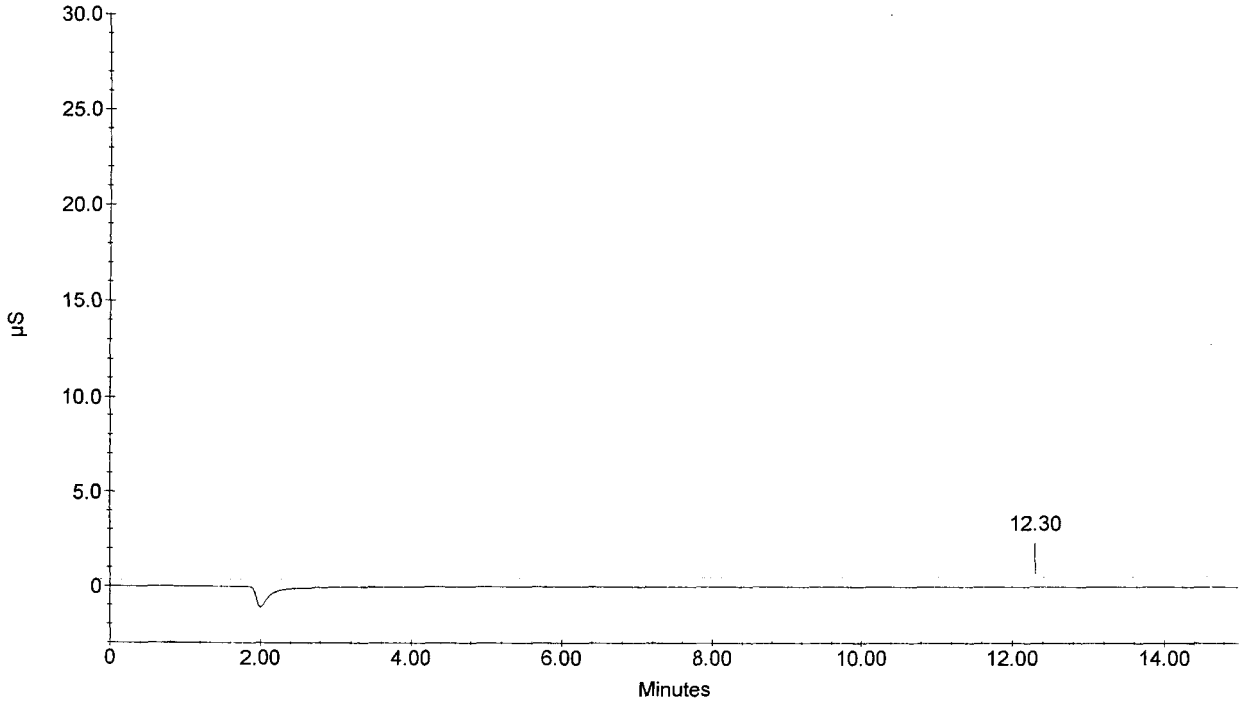
Date Time Collected : 10/18/06 11:50:19 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010089

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	12.30	SULFATE CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	0.036	66	1105	1	-5.82
1	12.30	SULFATE	0.036	66	1105	1	-5.82
	0.00		---total(s)--- 0.071		2210		

CCB



010090

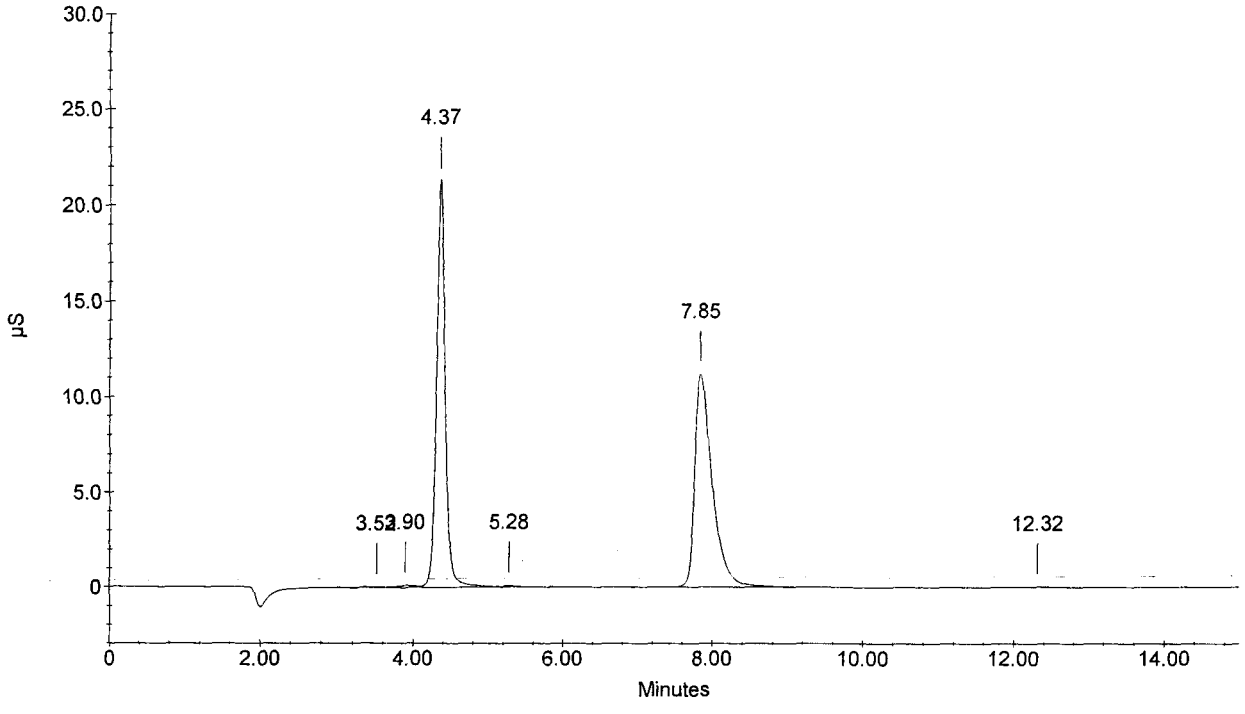
Sample Name : 286222
Dilution Factor : 1.00
Injection Number : 44
Data File Name : c:\peaknet\data\061018a\061018A_044.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 12:07:59 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.52		0.000	512	17545	2	
3	4.37	CHLORIDE	10.594	212403	1715339	3	-3.39
4	5.28	NITRITE-N BROMIDE	0.045	684	7841	4	-4.46
5	7.85	NITRATE-N PHOSPHATE-P	4.755	111269	1829930	1	-4.27
6	12.32	SULFATE	0.051	135	2661	1	-5.69
	0.00		---total(s)--- 15.445		3573315		

286222



010091

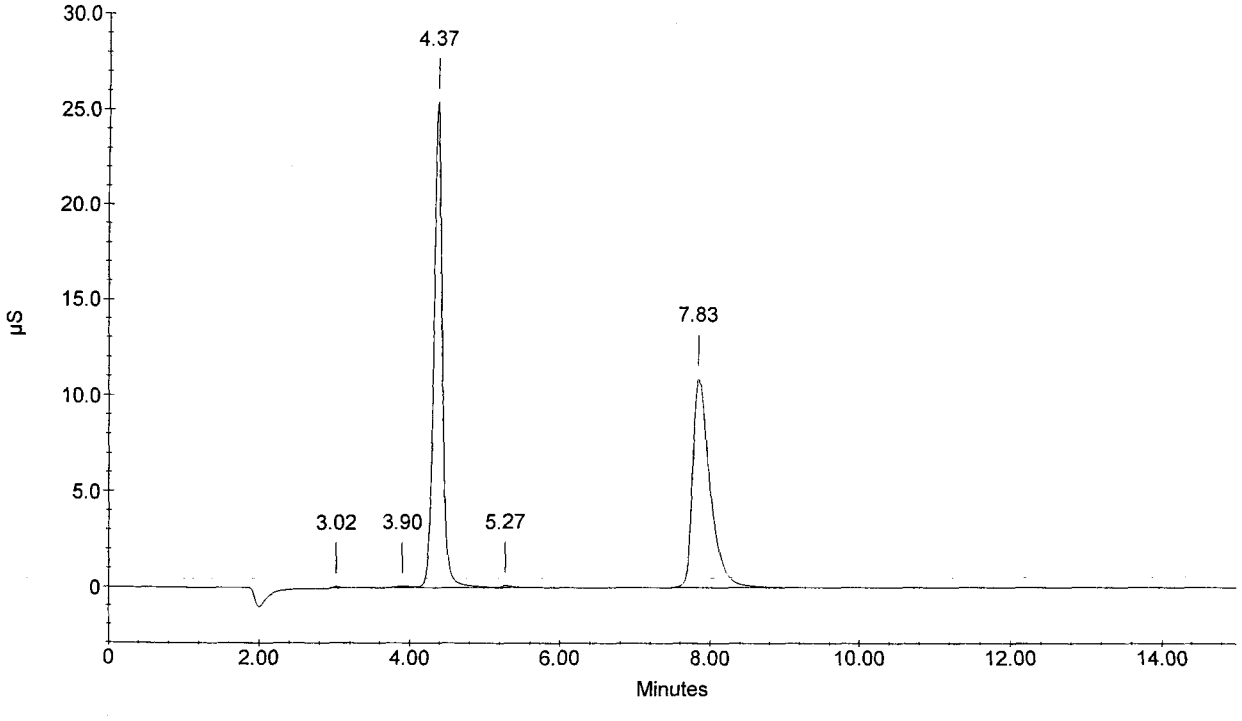
Sample Name : 286223
Dilution Factor : 1.00
Injection Number : 45
Data File Name : c:\peaknet\data\061018a\061018A_045.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 12:25:37 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.042	785	5174	1	-2.37
3	4.37	CHLORIDE	12.254	253474	2012989	3	-3.39
4	5.27	NITRITE-N BROMIDE	0.058	970	11719	4	-4.76
5	7.83	NITRATE-N PHOSPHATE-P SULFATE	4.653	108789	1789477	1	-4.47
	0.00		---total(s)--- 17.007		3819359		

286223



Sample Name : 287406
Dilution Factor : 1.00
Injection Number : 46
Data File Name : c:\peaknet\data\061018a\061018A_046.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

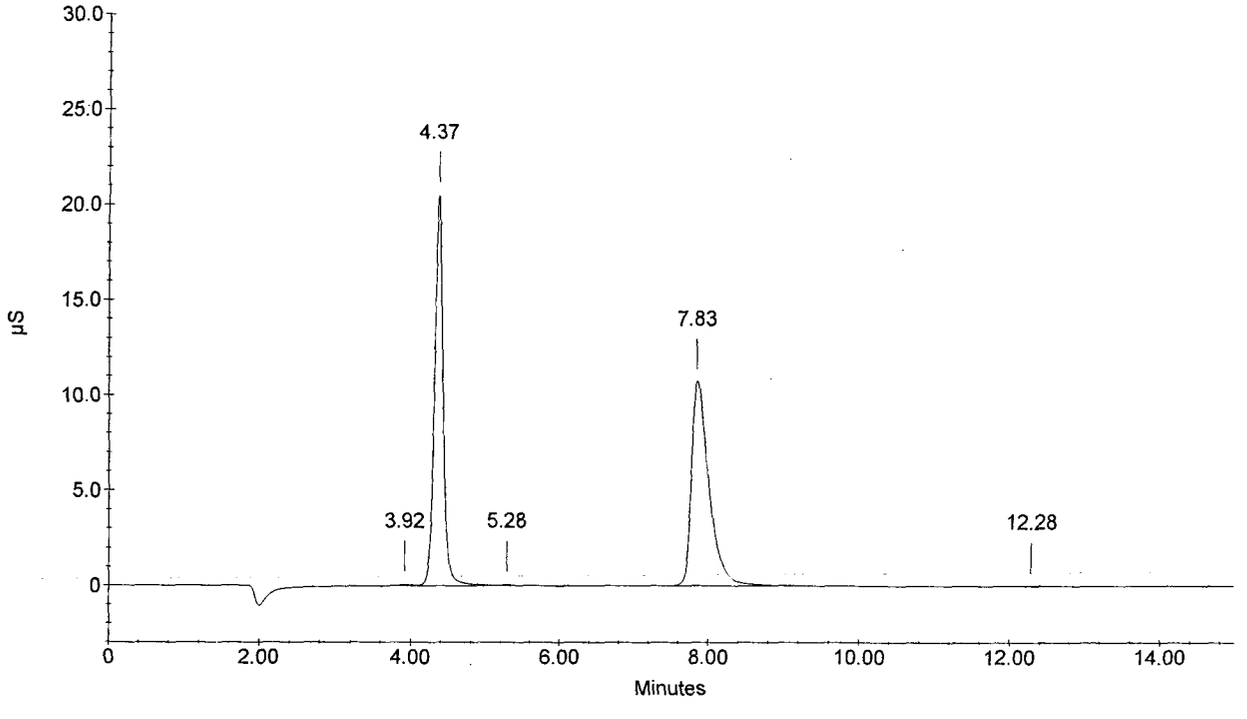
Date Time Collected : 10/19/06 12:43:16 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010092

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.92		0.000	676	9456	2	
2	4.37	CHLORIDE	10.123	204600	1632509	3	-3.39
3	5.28	NITRITE-N BROMIDE	0.043	620	7224	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	4.596	106826	1766720	1	-4.47
5	12.28	SULFATE	0.040	77	1596	1	-5.95
	0.00		---total(s)--- 14.803		3417505		

287406



010093

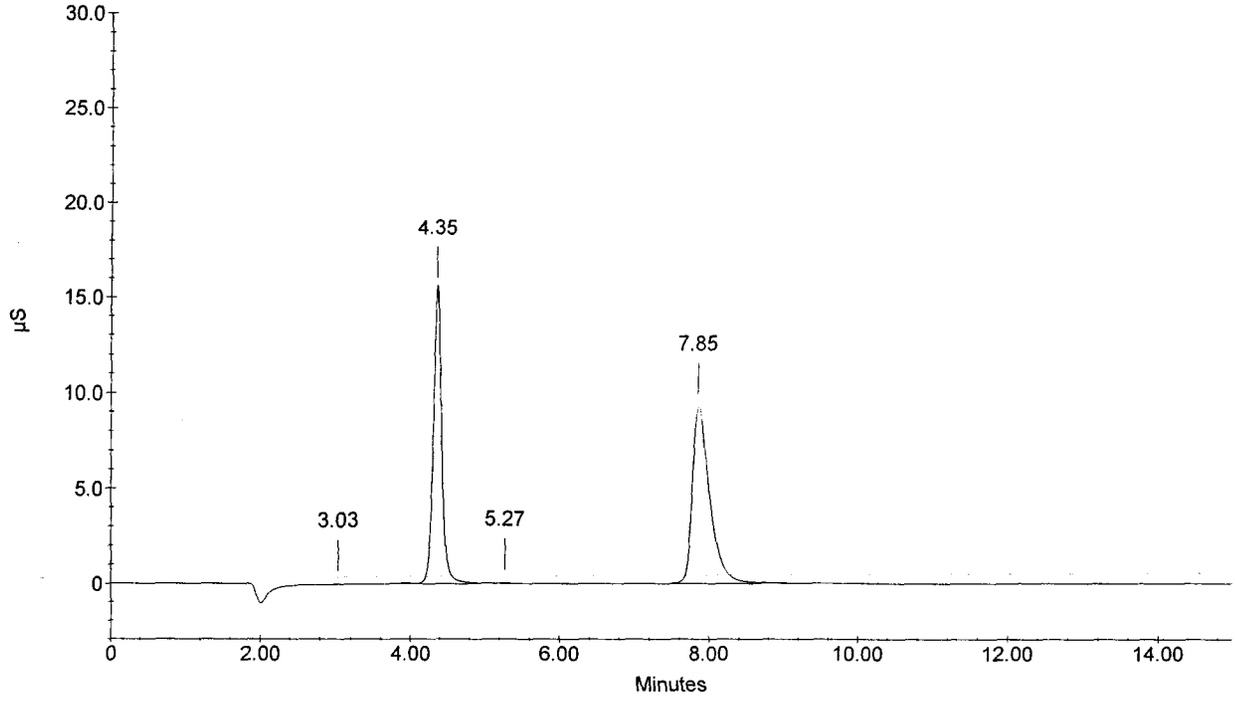
Sample Name : 287407
Dilution Factor : 1.00
Injection Number : 47
Data File Name : c:\peaknet\data\061018a\061018A_047.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 1:00:55 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.030 ✓	255	2356	1	-1.83
2	4.35	CHLORIDE	7.962 ✓	153482	1260763	3	-3.76
3	5.27	NITRITE-N	0.038 ✓	510	5584	4	-4.76
		BROMIDE	✓				
4	7.85	NITRATE-N	3.991 ✓	92191	1526946	1	-4.27
		PHOSPHATE-P	✓				
		SULFATE	✓				
			---total(s)---				
	0.00		12.021		2795650		

287407



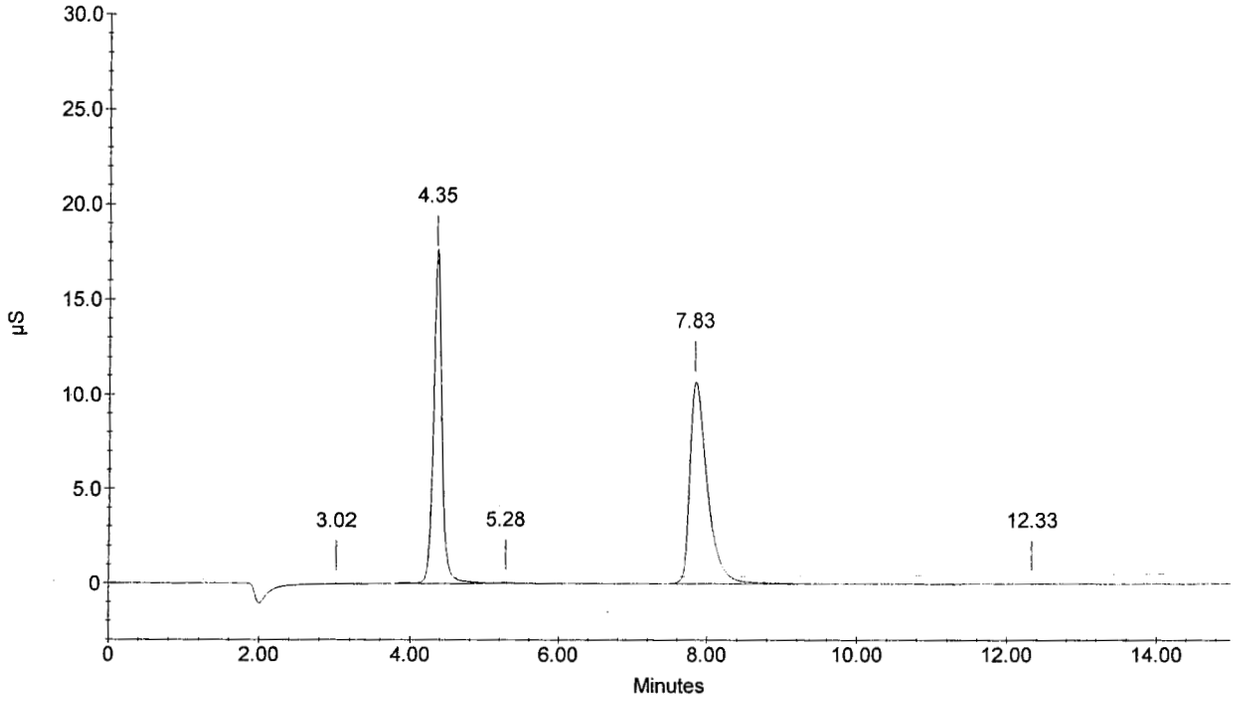
Sample Name : 288097
Dilution Factor : 1.00
Injection Number : 48
Data File Name : c:\peaknet\data\061018a\061018A_048.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 1:18:34 AM **010094**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.029	265	2241	1	-2.37
2	4.35	CHLORIDE	8.938	171350	1426936	3	-3.76
3	5.28	NITRITE-N BROMIDE	0.038	452	5523	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	4.569	105529	1755875	1	-4.47
5	12.33	SULFATE	0.043	110	1822	1	-5.56
	0.00		---total(s)--- 13.616		3192398		

288097



Sample Name : 288098
Dilution Factor : 1.00
Injection Number : 49
Data File Name : c:\peaknet\data\061018a\061018A_049.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

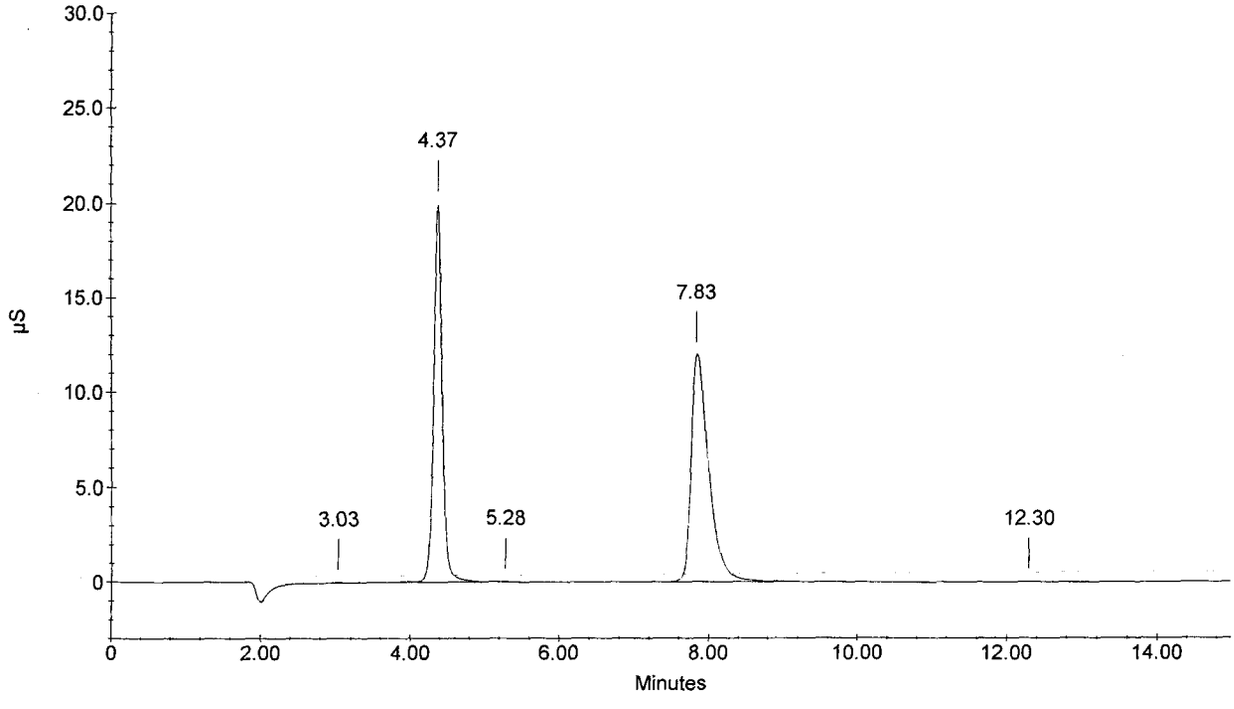
Date Time Collected : 10/19/06 1:36:13 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010095

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.032	253	2976	1	-1.83
2	4.37	CHLORIDE	9.930	199226	1598723	3	-3.39
3	5.28	NITRITE-N BROMIDE	0.035	409	4491	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	5.107	118966	1970895	1	-4.47
5	12.30	SULFATE	0.041	96	1685	1	-5.82
	0.00		---total(s)--- 15.145		3578770		

288098



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 50
Data File Name : c:\peaknet\data\061018a\061018A_050.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

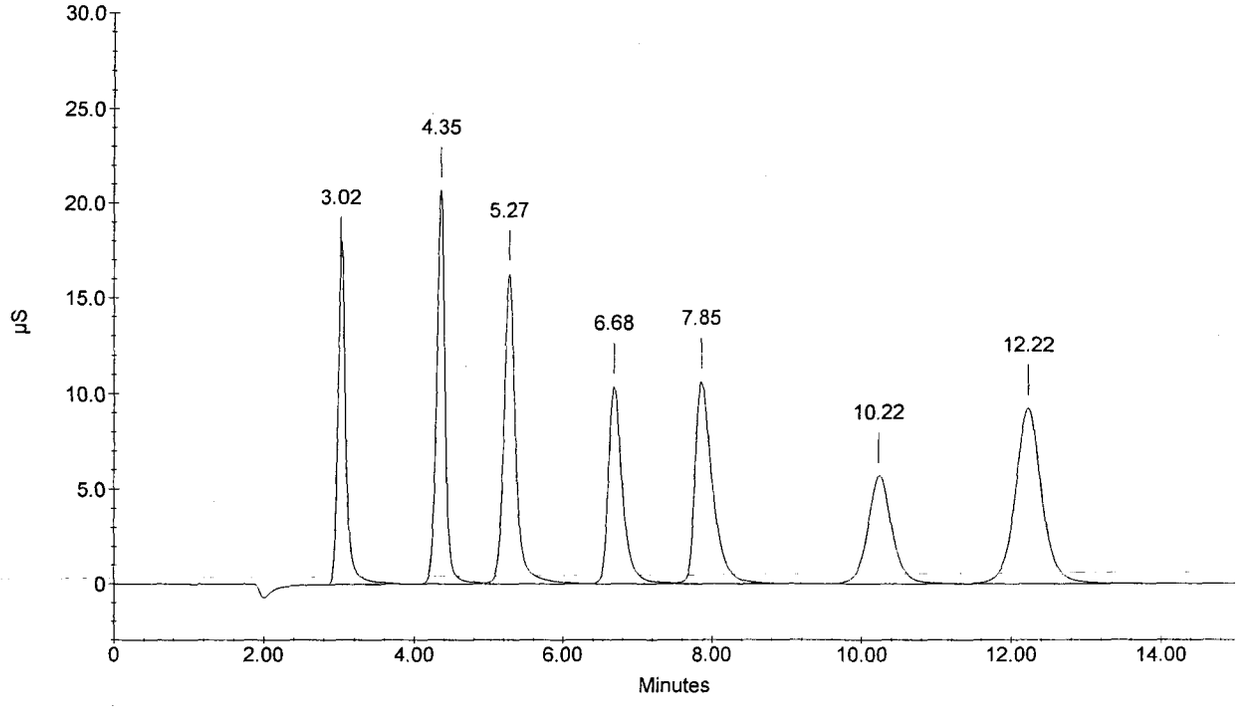
Date Time Collected : 10/19/06 1:53:52 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010096

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.551	169752	1256601	1	-2.37
2	4.35	CHLORIDE	207.860	206554	1679885	2	-3.76
3	5.27	NITRITE-N	107.766	162508	1819252	2	-4.76
4	6.68	BROMIDE	414.433	103166	1367876	2	-5.60
5	7.85	NITRATE-N	91.382	105912	1755935	2	-4.27
6	10.22	PHOSPHATE-P	198.689	56888	1303504	2	-5.40
7	12.22	SULFATE	408.670	92252	2294660	2	-6.46
	0.00		---total(s)--- 1531.351		11477715		

CCV



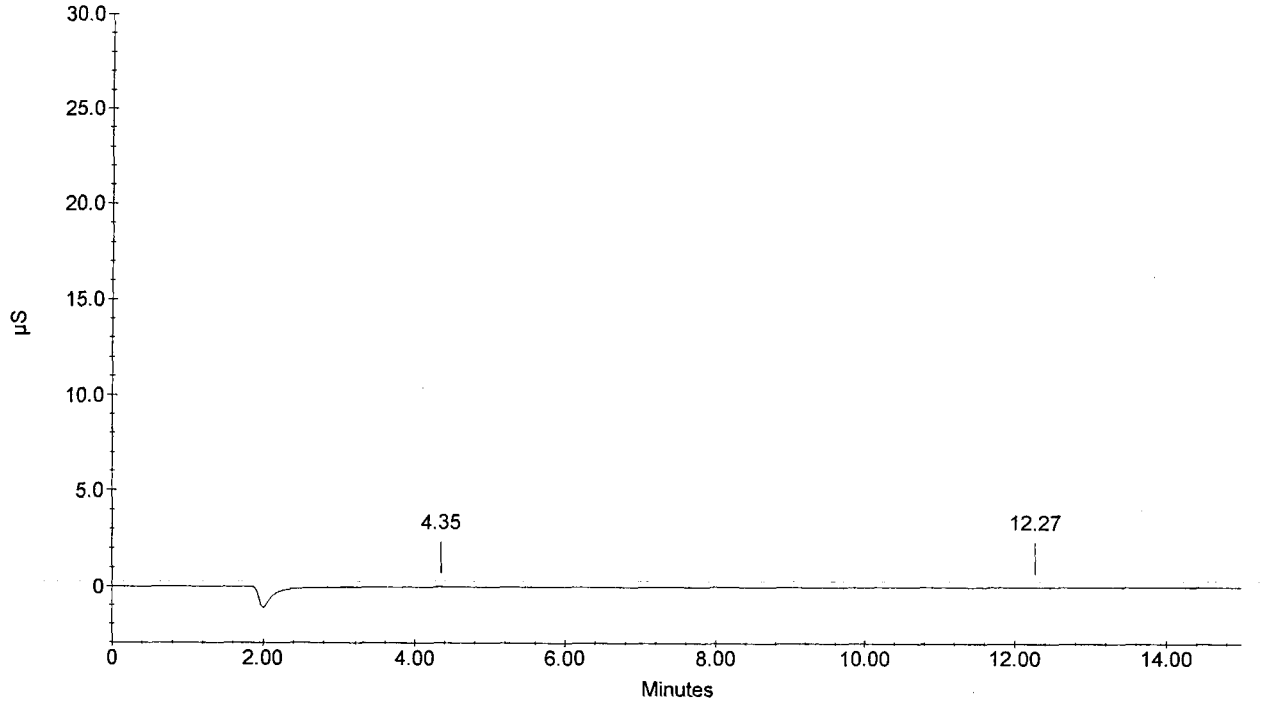
Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 51
Data File Name : c:\peaknet\data\061018a\061018A_051.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 2:11:32 AM **010097**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.35	CHLORIDE	0.059	295	2107	1	-3.76
1	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	0.059	295	2107	1	-3.76
2	12.27	SULFATE	0.041	90	1686	1	-6.07
		---total(s)---					
	0.00		0.160		5900		

CCB



Schedule File: C:\PeakNet\schedule\060826A.sch

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	BLK	Sample		anions060826a.met	060826_001.dxd	1
2	0PPM 14-08-IC6	Calibration St	1	anions060826a.met	060826_002.dxd	1
3	0.1PPM 14-07-IC6	Calibration St	2	anions060826a.met	060826_003.dxd	1
4	0.5PPM 14-06-IC6	Calibration St	3	anions060826a.met	060826_004.dxd	1
5	1PPM 14-05-IC6	Calibration St	4	anions060826a.met	060826_005.dxd	1
6	5PPM 14-04-IC6	Calibration St	5	anions060826a.met	060826_006.dxd	1
7	10PPM 14-03-IC6	Calibration St	6	anions060826a.met	060826_007.dxd	1
8	15PPM 14-02-IC6	Calibration St	7	anions060826a.met	060826_008.dxd	1
9	20PPM 14-01-IC6	Calibration St	8	anions060826a.met	060826_009.dxd	1
10	ICV	Sample		anions060826a.met	060826_010.dxd	20
11	ICB	Sample		anions060826a.met	060826_011.dxd	1
12	0.1PPM MDL1	Sample		anions060826a.met	060826_012.dxd	1
13	0.1PPM MDL2	Sample		anions060826a.met	060826_013.dxd	1
14	0.1PPM MDL3	Sample		anions060826a.met	060826_014.dxd	1
15	0.1PPM MDL4	Sample		anions060826a.met	060826_015.dxd	1
16	0.1PPM MDL5	Sample		anions060826a.met	060826_016.dxd	1
17	0.1PPM MDL6	Sample		anions060826a.met	060826_017.dxd	1
18	0.1PPM MDL7	Sample		anions060826a.met	060826_018.dxd	1
19	CCV	Sample		anions060826a.met	060826_019.dxd	20
20	CCB	Sample		anions060826a.met	060826_020.dxd	1
21	0.05 PPM MDL1	Sample		anions060826a.met	060826_021.dxd	1
22	0.05 PPM MDL2	Sample		anions060826a.met	060826_022.dxd	1
23	0.05 PPM MDL3	Sample		anions060826a.met	060826_023.dxd	1
24	0.05 PPM MDL4	Sample		anions060826a.met	060826_024.dxd	1
25	0.05 PPM MDL5	Sample		anions060826a.met	060826_025.dxd	1
26	0.05 PPM MDL6	Sample		anions060826a.met	060826_026.dxd	1
27	0.05 PPM MDL7	Sample		anions060826a.met	060826_027.dxd	1
28	CCV	Sample		anions060826a.met	060826_028.dxd	20
29	CCB	Sample		anions060826a.met	060826_029.dxd	1

010098

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\060826
Comment:
METHODS: EPA 300.0 & SW 846 9056

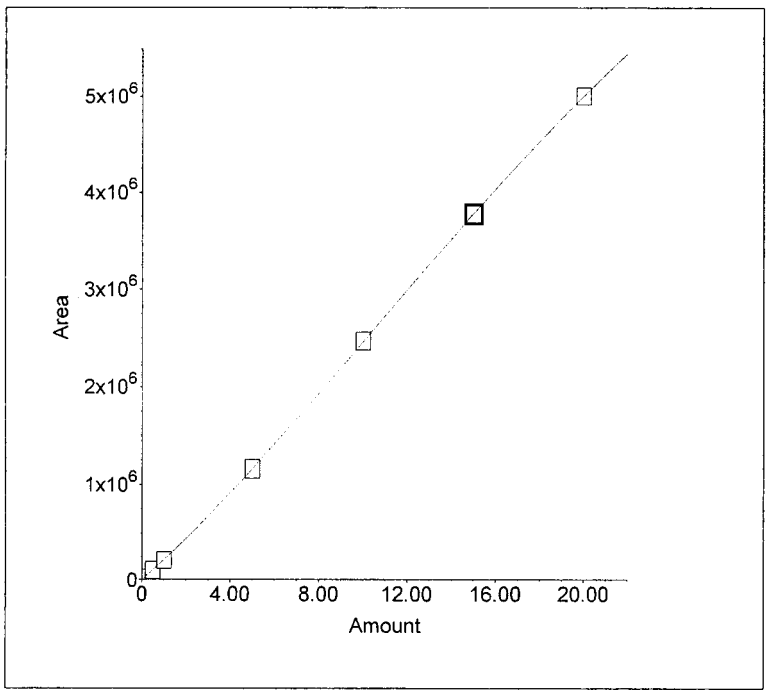
ICV Sources:
1) SPEX LOT#33-13AS (INORG#5966)
F = 100 mg/L
Cl = 200 mg/L
Br = 400 mg/L
NO3N = 90.4 mg/L
PO4P = 196 mg/L
SO4 = 400 mg/L
2) 08-01-IC6
NO2N 109 mg/L

12/4/06

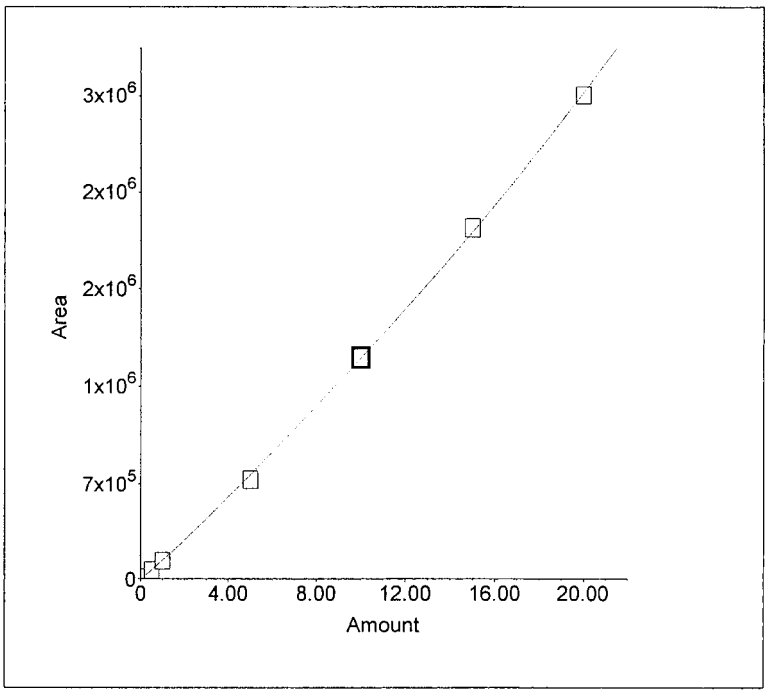
Method:C:\PEAKNET\METHOD\ANIONS060826A.MET Updated:10/1/06 11:16:42 AM Total:7

010099

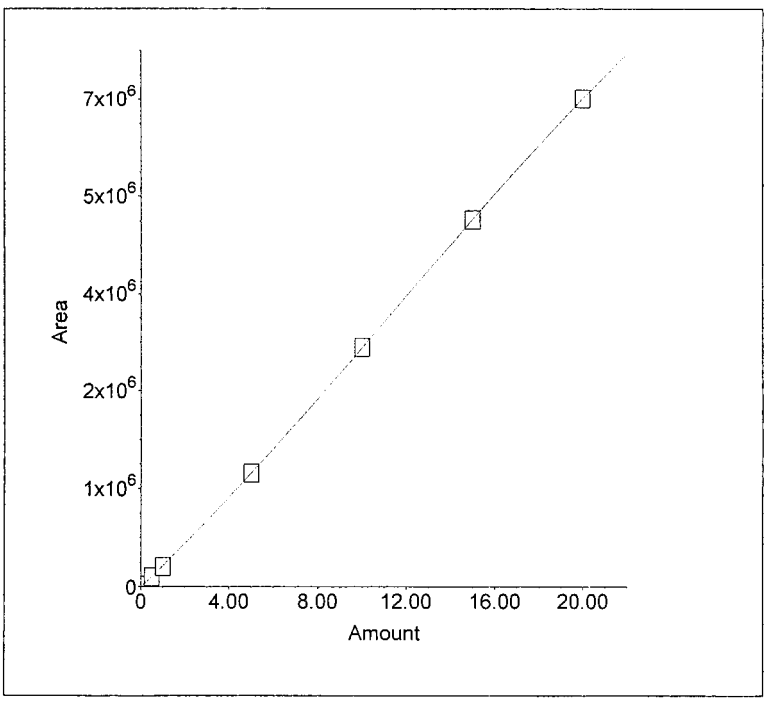
1. Component:FLUORIDE
Standard:External Fit Type:Cubic
Origin:Include Calibration:Area
r^2=0.999995
Amt=3.284150e-020*Resp^3+
-2.812001e-013*Resp^2+
4.366696e-006*Resp+0.01923



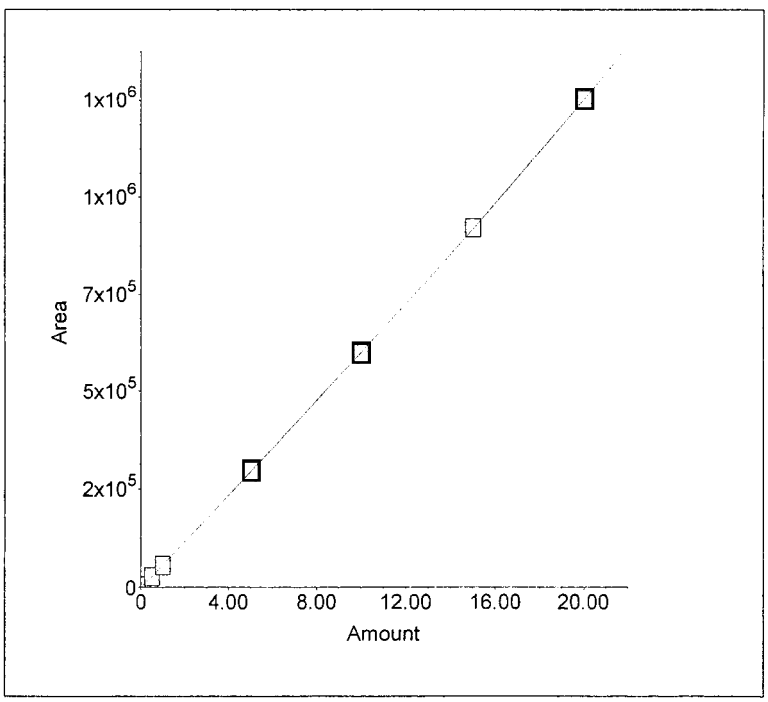
2. Component:CHLORIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999813
Amt=-2.842866e-013*Resp^2+
6.637220e-006*Resp+0.04549



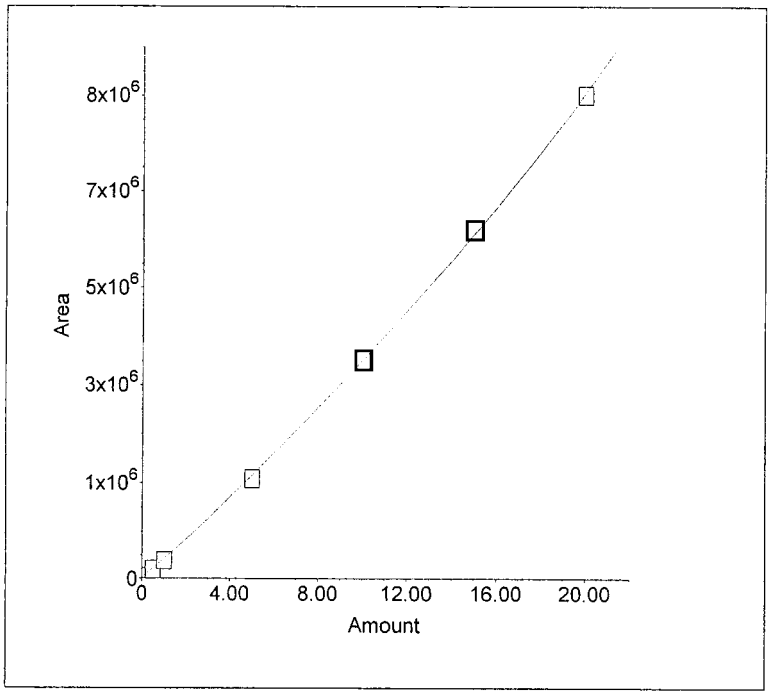
3. Component:NITRITE-N
Standard:External Fit Type:Cubic
Origin:Include Calibration:Area
r^2=0.999995
Amt=1.144922e-020*Resp^3+
-1.417986e-013*Resp^2+
3.170659e-006*Resp+0.02046



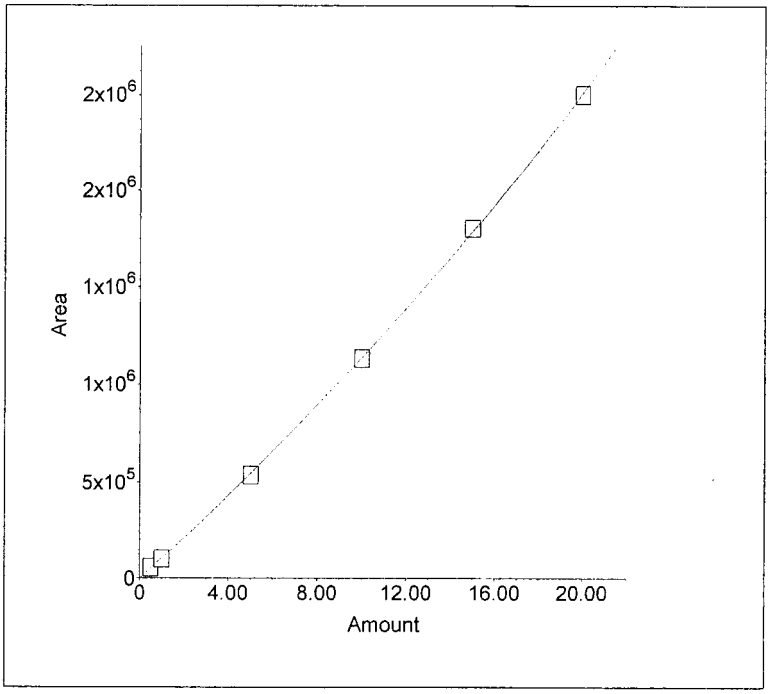
4. Component:BROMIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999988
Amt=-9.781434e-013*Resp^2+
1.647401e-005*Resp+0.01744



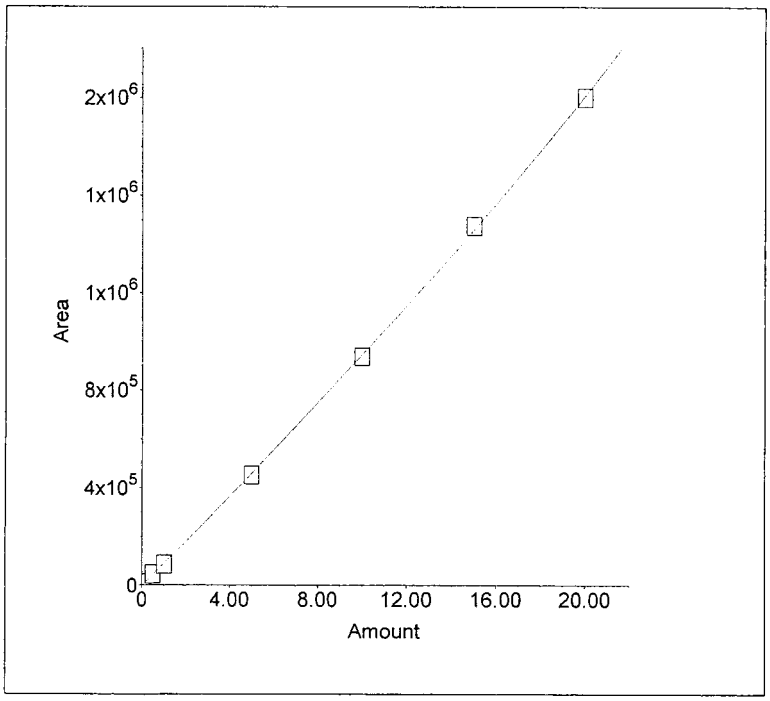
5. Component:NITRATE-N
Standard:External Fit Type:Quadratic
Origin:Force Calibration:Area
r^2=0.999792
Amt=-5.173414e-014*Resp^2+
2.692937e-006*Resp+0



6. Component:PHOSPHATE-P **010100**
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999934
Amt=-4.395069e-013*Resp^2+
8.177415e-006*Resp+0.02191



7. Component:SULFATE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999903
Amt=-4.685890e-013*Resp^2+
9.969362e-006*Resp+0.02452



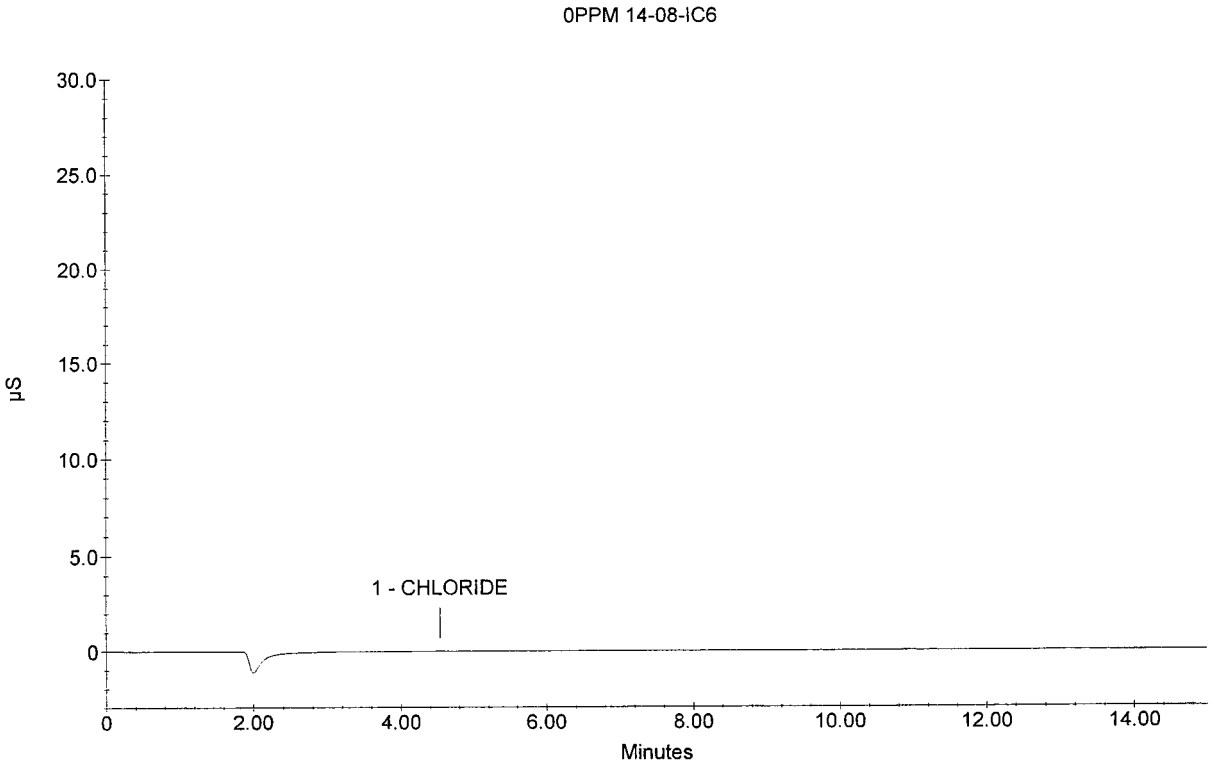
010101

Sample Name : 0PPM 14-08-IC6
Dilution Factor : 1.00
Injection Number : 2
Data File Name : ...\060826_002.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:03:57 PM
Date Time Updated : 8/28/06 7:54:03 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	4.53	CHLORIDE	0.00	1612	195
1	4.53	CHLORIDE	0.00	1612	195
		NITRITE-N			
		BROMIDE			
		NITRATE-N			
		PHOSPHATE-P			
		SULFATE			



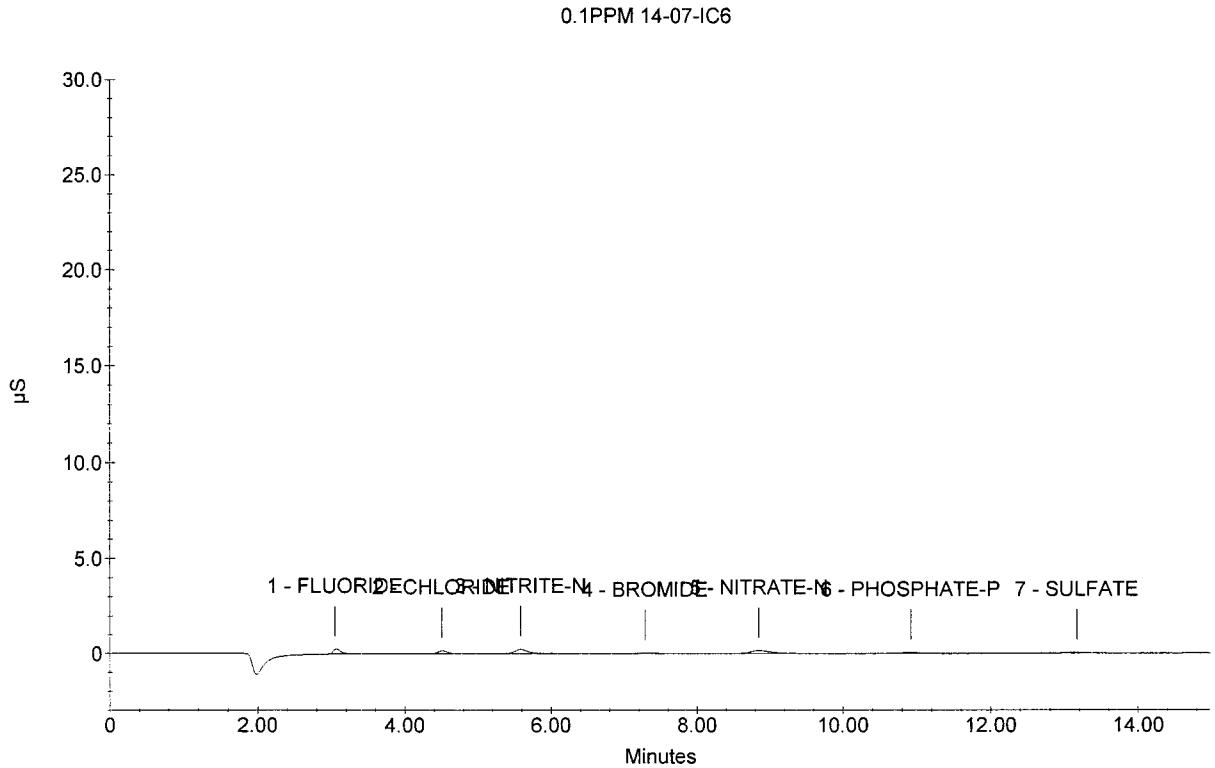
Sample Name : 0.1PPM 14-07-IC6
Dilution Factor : 1.00
Injection Number : 3
Data File Name : ...\060826_003.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:21:35 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010102

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.10	19430	2562
2	4.50	CHLORIDE	0.10	13701	1510
3	5.58	NITRITE-N	0.10	28686	2273
4	7.28	BROMIDE	0.10	5061	334
5	8.85	NITRATE-N	0.10	31047	1516
6	10.92	PHOSPHATE-P	0.10	12286	470
7	13.17	SULFATE	0.10	10354	390



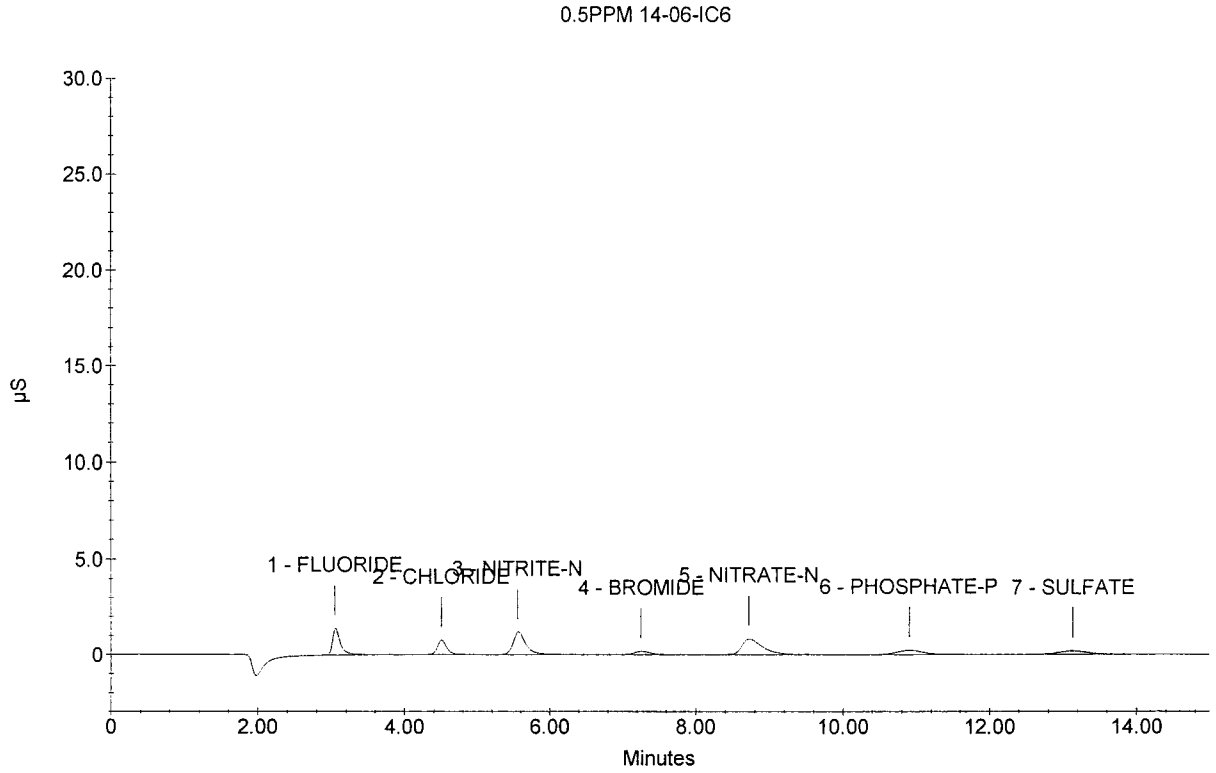
Sample Name : 0.5PPM 14-06-IC6
Dilution Factor : 1.00
Injection Number : 4
Data File Name : ...\060826_004.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:39:15 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010103

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.50	107784	13936
2	4.50	CHLORIDE	0.50	68715	7543
3	5.55	NITRITE-N	0.50	148748	11679
4	7.25	BROMIDE	0.50	28812	1844
5	8.72	NITRATE-N	0.50	164580	8283
6	10.90	PHOSPHATE-P	0.50	63022	2314
7	13.13	SULFATE	0.50	50470	1793



Sample Name : 1PPM 14-05-IC6
Dilution Factor : 1.00
Injection Number : 5
Data File Name : ...\060826_005.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

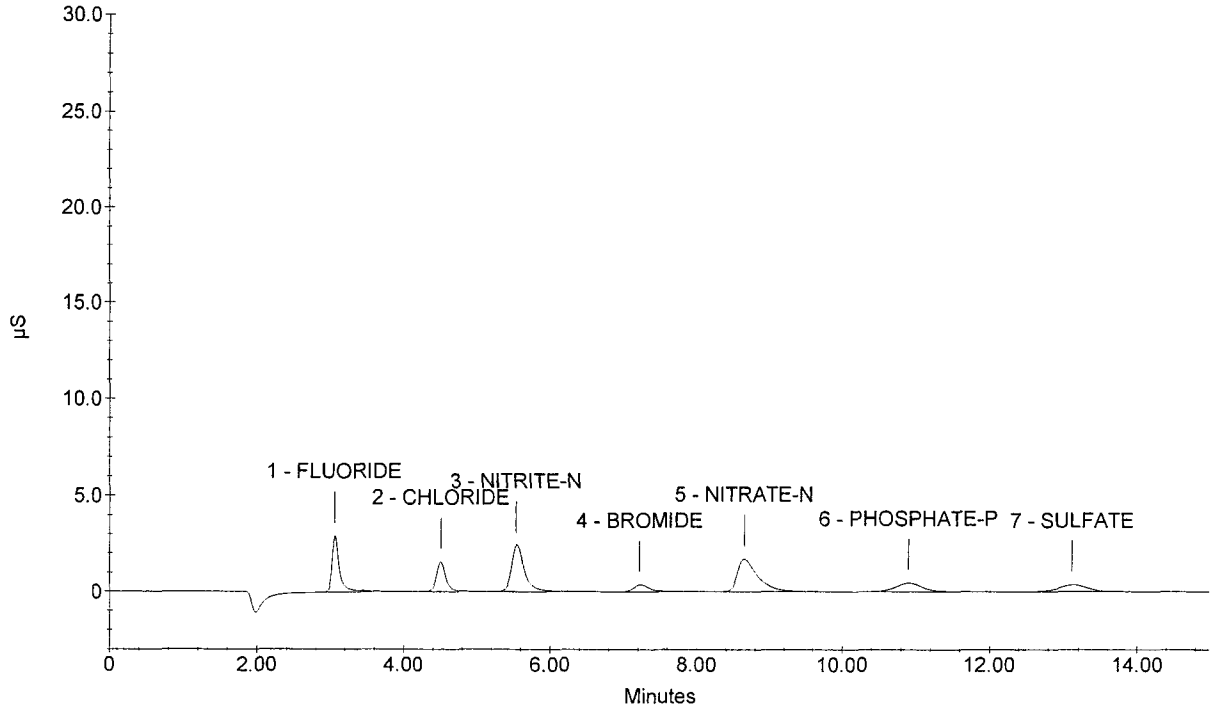
Date Time Collected : 8/26/06 2:56:54 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010104

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	1.00	225822	29308
2	4.50	CHLORIDE	1.00	141216	15529
3	5.53	NITRITE-N	1.00	305786	24004
4	7.22	BROMIDE	1.00	59390	3782
5	8.65	NITRATE-N	1.00	340074	17081
6	10.90	PHOSPHATE-P	1.00	116666	4584
7	13.12	SULFATE	1.00	94817	3540

1PPM 14-05-IC6



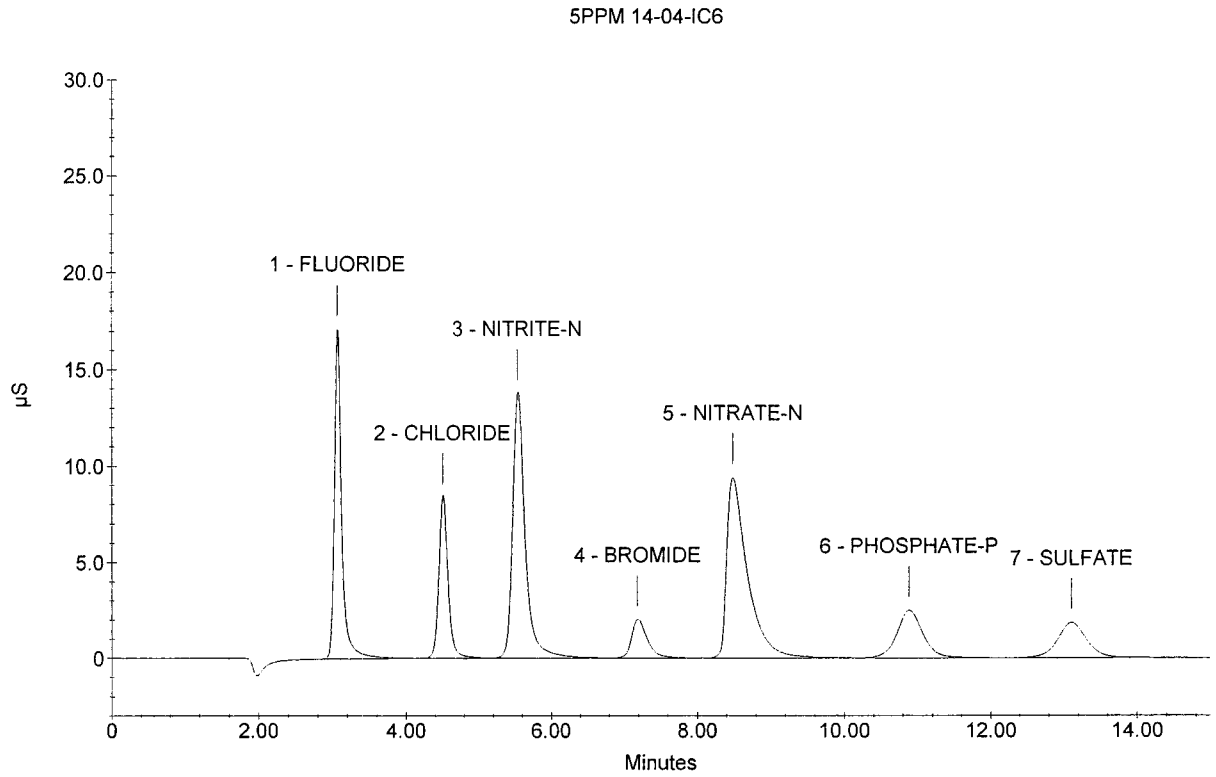
Sample Name : 5PPM 14-04-IC6
Dilution Factor : 1.00
Injection Number : 6
Data File Name : ...\060826_006.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:14:33 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010105

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.07	FLUORIDE	5.00	1219655	170834
2	4.50	CHLORIDE	5.00	737568	83501
3	5.53	NITRITE-N	5.00	1676308	137385
4	7.18	BROMIDE	5.00	308669	20197
5	8.48	NITRATE-N	5.00	1858329	93837
6	10.88	PHOSPHATE-P	5.00	620253	24802
7	13.10	SULFATE	5.00	505266	18372

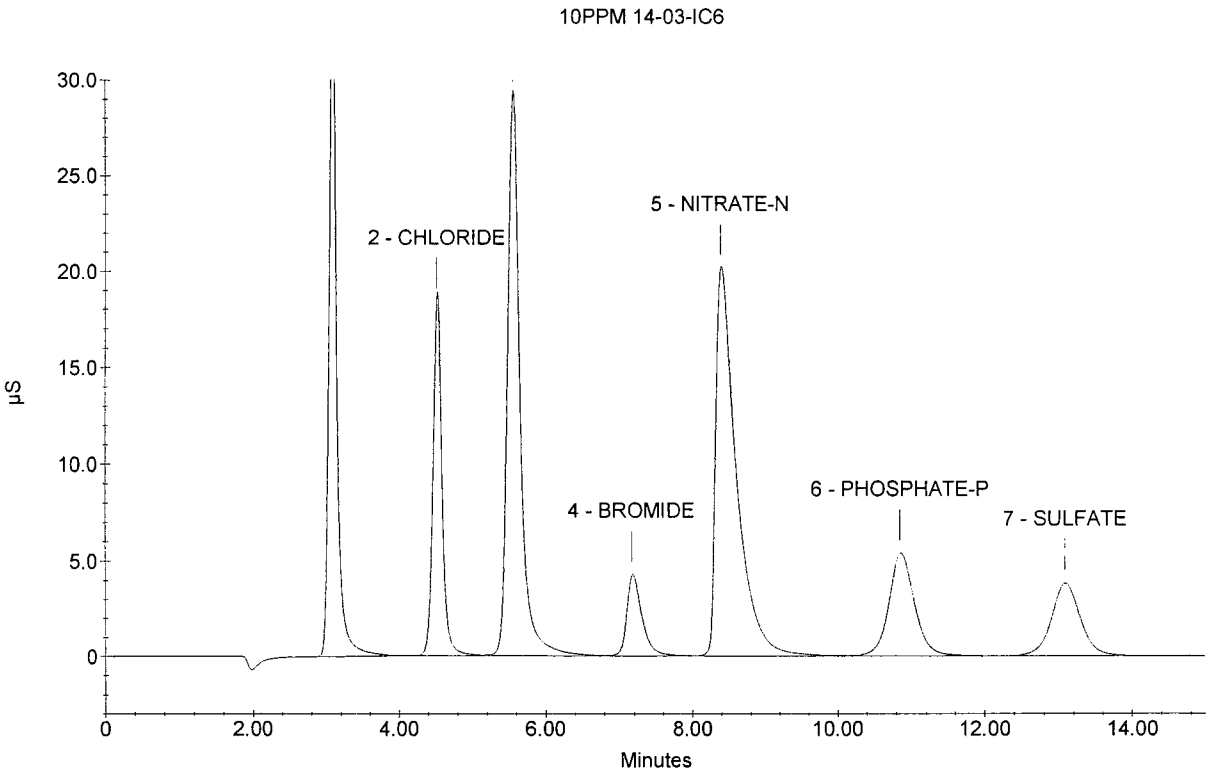


Sample Name : 10PPM 14-03-IC6
Dilution Factor : 1.00
Injection Number : 7
Data File Name : ...\060826_007.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:32:12 PM
Date Time Updated : 8/28/06 7:54:04 AM **010106**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.08	FLUORIDE	10.00	2593593	354129
2	4.52	CHLORIDE	10.00	1613751	183575
3	5.55	NITRITE-N	10.00	3558942	291904
4	7.17	BROMIDE	10.00	626667	42374
5	8.38	NITRATE-N	10.00	4022908	201351
6	10.85	PHOSPHATE-P	10.00	1306455	53627
7	13.08	SULFATE	10.00	1044181	38351



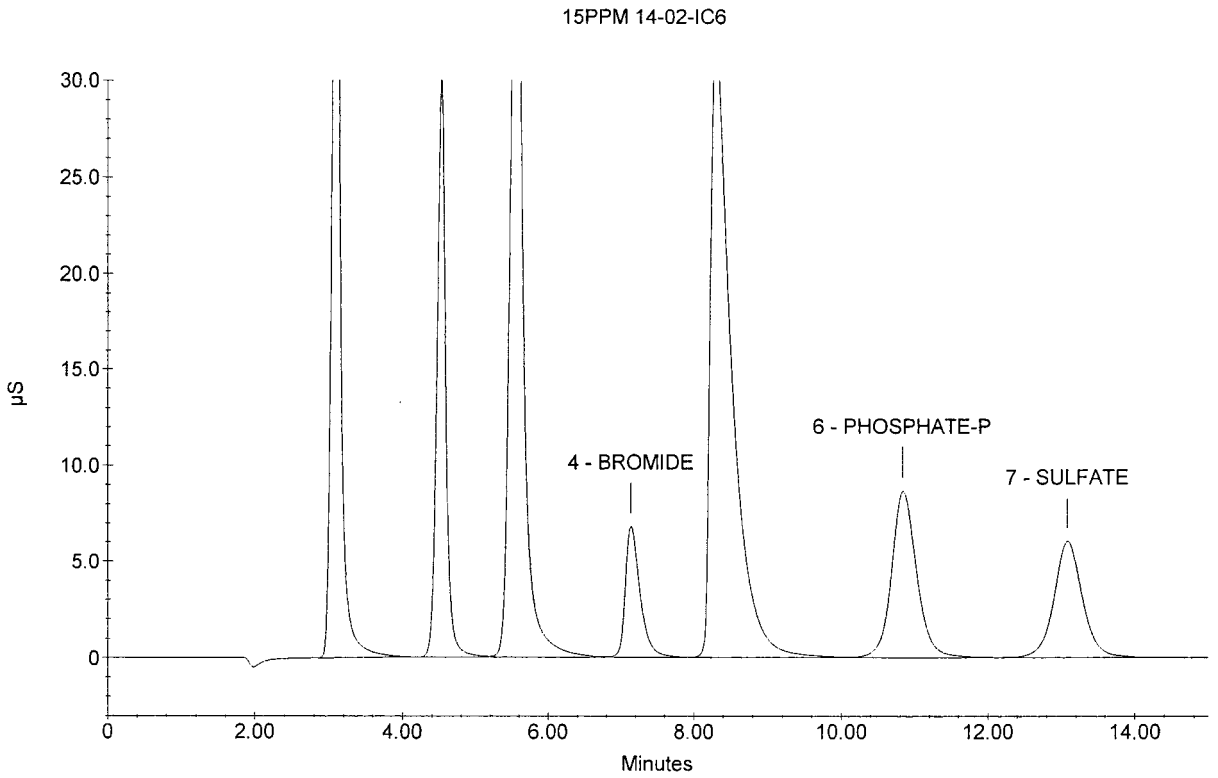
Sample Name : 15PPM 14-02-IC6
Dilution Factor : 1.00
Injection Number : 8
Data File Name : ...\060826_008.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:49:51 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010107

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.10	FLUORIDE	15.00	3970878	524109
2	4.53	CHLORIDE	15.00	2557549	301109
3	5.55	NITRITE-N	15.00	5464845	443607
4	7.13	BROMIDE	15.00	968108	67975
5	8.28	NITRATE-N	15.00	6426203	317140
6	10.83	PHOSPHATE-P	15.00	2078468	86759
7	13.08	SULFATE	15.00	1644787	60485



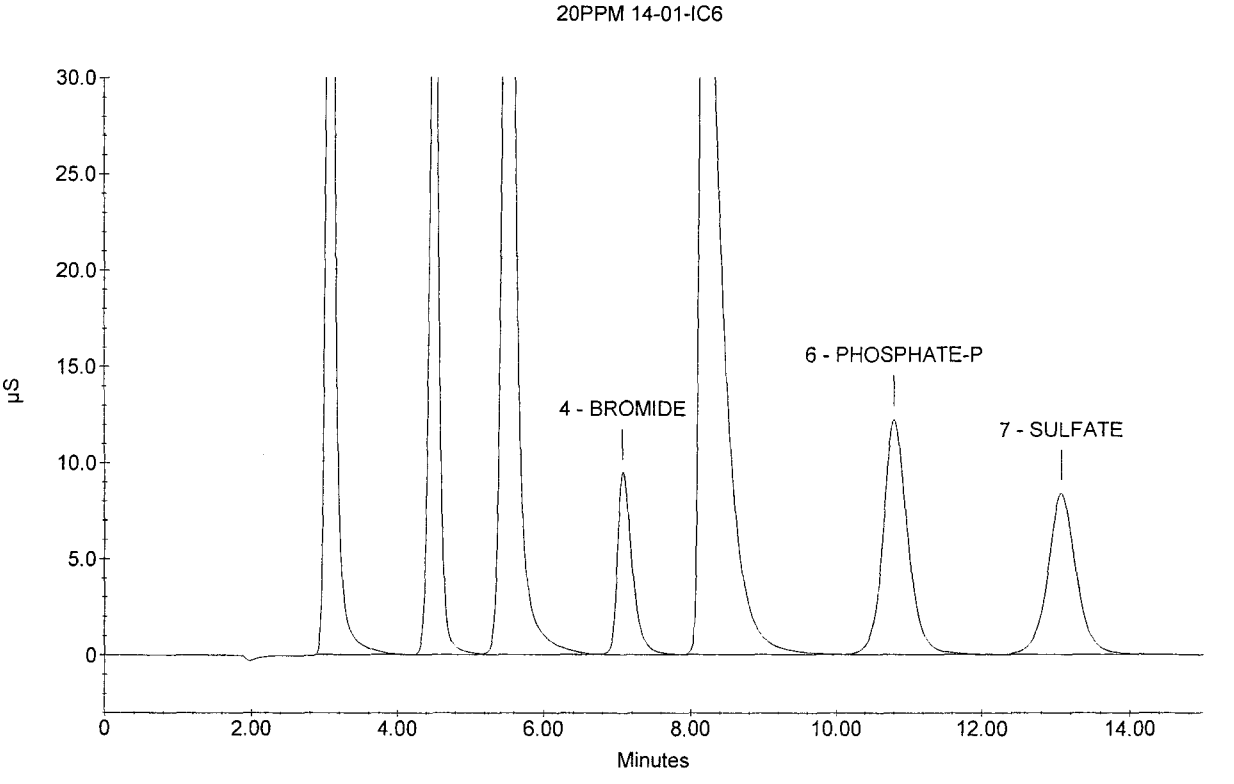
010108

Sample Name : 20PPM 14-01-IC6
Dilution Factor : 1.00
Injection Number : 9
Data File Name : ...\060826_009.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:07:31 PM
Date Time Updated : 8/28/06 7:56:56 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.09	FLUORIDE	20.00	5264287	666938
2	4.52	CHLORIDE	20.00	3527628	412670
3	5.53	NITRITE-N	20.00	7279959	580230
4	7.08	BROMIDE	20.00	1314511	94369
5	8.20	NITRATE-N	20.00	8929193	436545
6	10.80	PHOSPHATE-P	20.00	2884095	122072
7	13.06	SULFATE	20.00	2231267	83410



Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 10
Data File Name : C:\PEAKNET\DATA\060826\060826_010.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

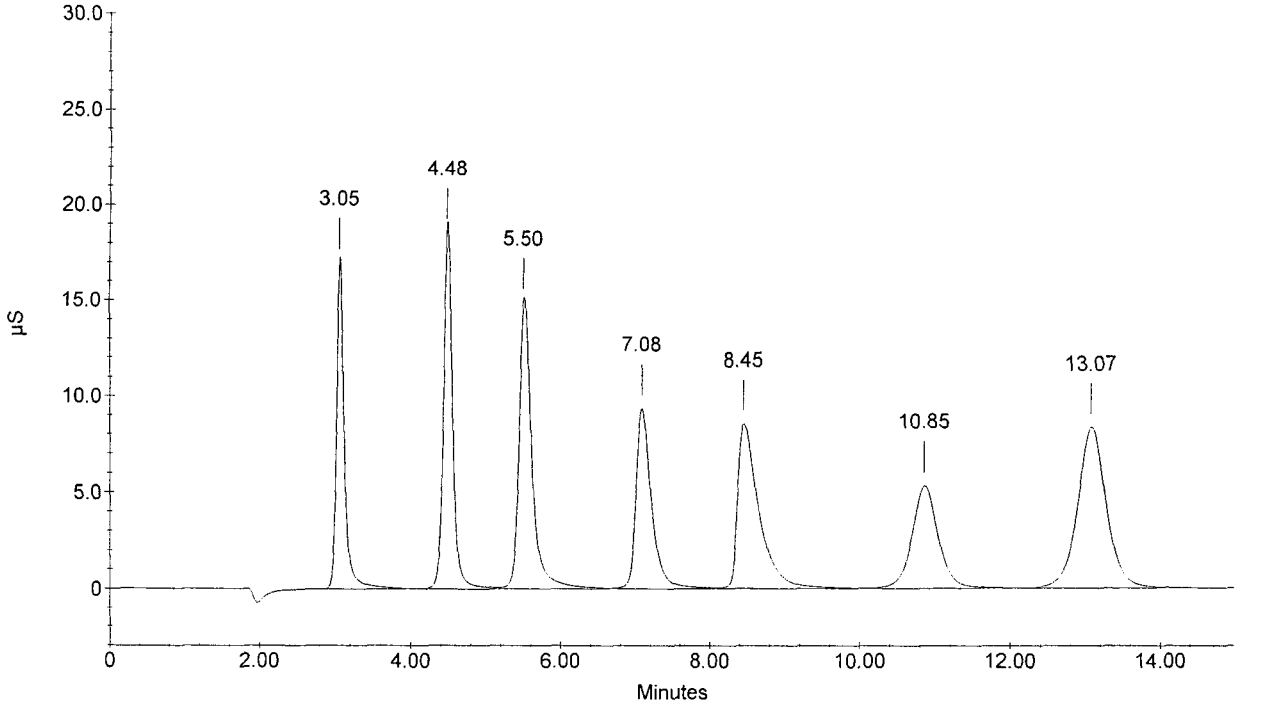
Date Time Collected : 8/26/06 4:25:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010109

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	101.182	169957	1238676	2	-1.29
2	4.48	CHLORIDE	203.242	185746	1639335	2	-0.81
3	5.50	NITRITE-N	109.487	149010	1850351	2	-0.54
4	7.08	BROMIDE	413.225	93316	1363498	2	0.05
5	8.45	NITRATE-N	89.081	85194	1710156	2	3.05
6	10.85	PHOSPHATE-P	199.286	52892	1307756	2	0.46
7	13.07	SULFATE	398.693	83163	2231102	2	0.05
			---total(s)---				
	0.00		1514.196		11340874		

ICV



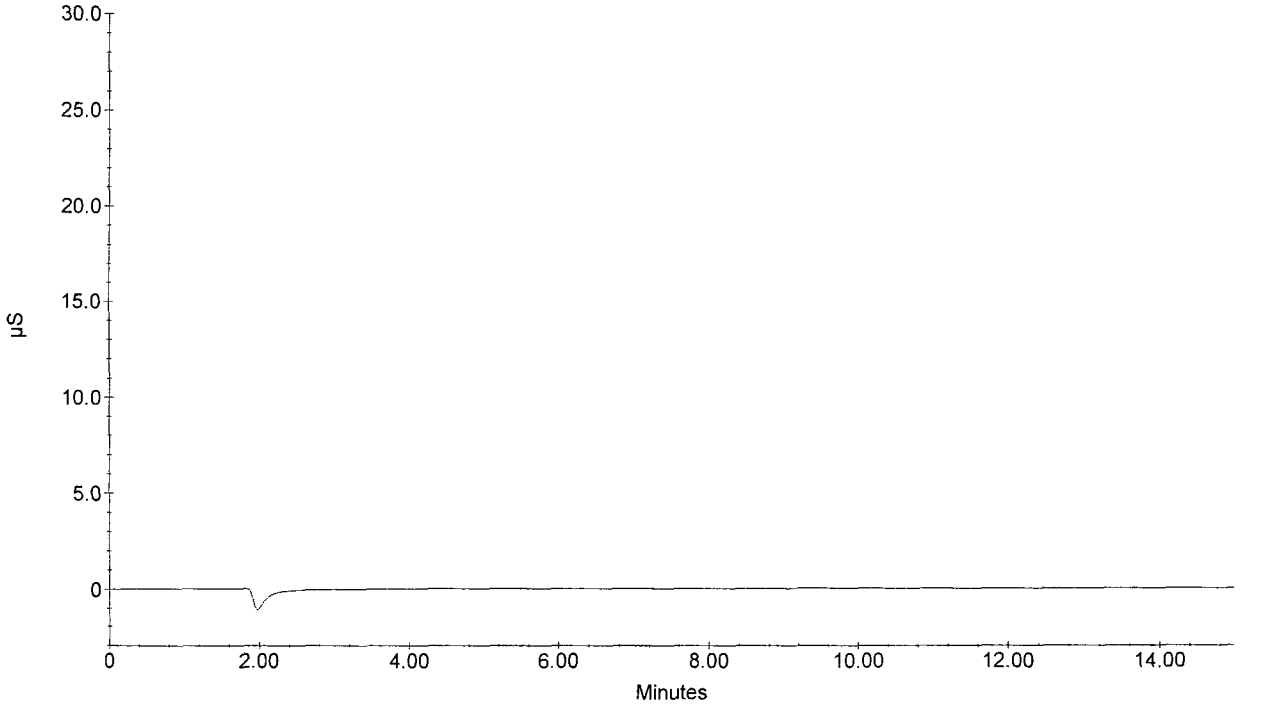
Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 11
Data File Name : C:\PEAKNET\DATA\060826\060826_011.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:42:48 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
		---total(s)---					
	0.00		0.000		0		

ICB



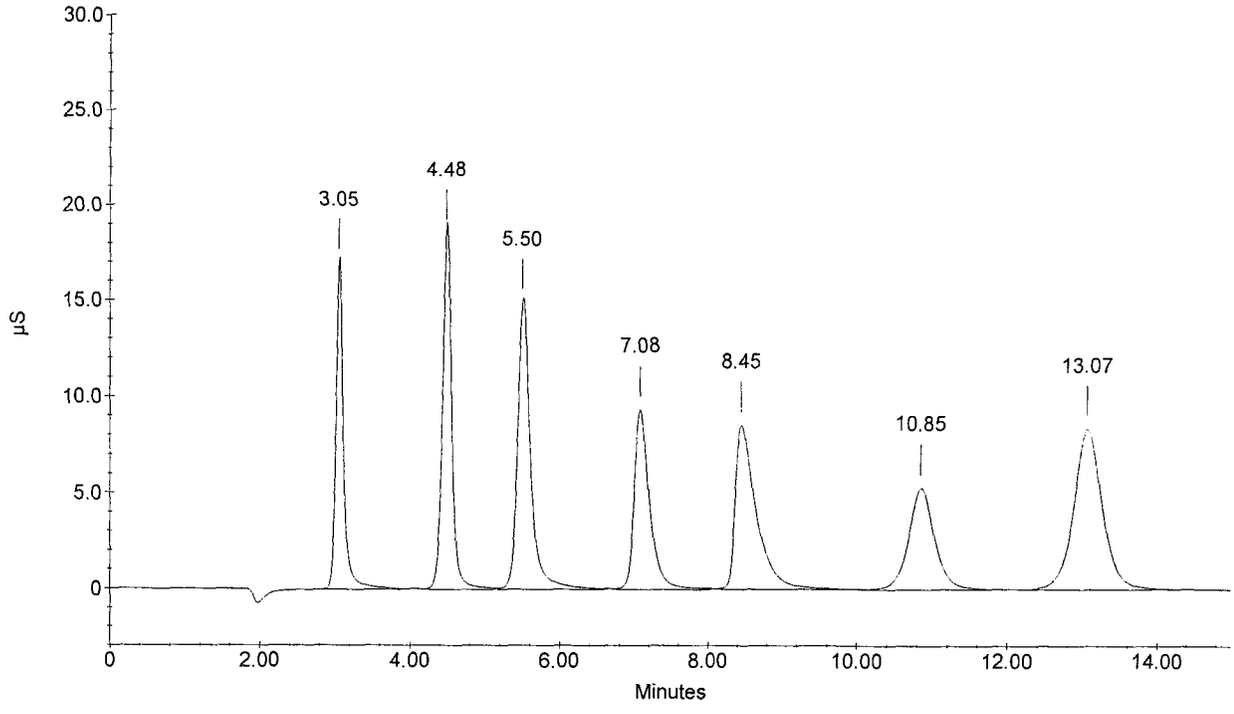
Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 10
Data File Name : C:\PEAKNET\DATA\060826\060826_010.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:25:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	101.182	169957	1238676	2	-1.29
2	4.48	CHLORIDE	203.242	185746	1639335	2	-0.81
3	5.50	NITRITE-N	109.487	149010	1850351	2	-0.54
4	7.08	BROMIDE	413.225	93316	1363498	2	0.05
5	8.45	NITRATE-N	89.081	85194	1710156	2	3.05
6	10.85	PHOSPHATE-P	199.286	52892	1307756	2	0.46
7	13.07	SULFATE	398.693	83163	2231102	2	0.05
	0.00		---total(s)--- 1514.196		11340874		

ICV



010112

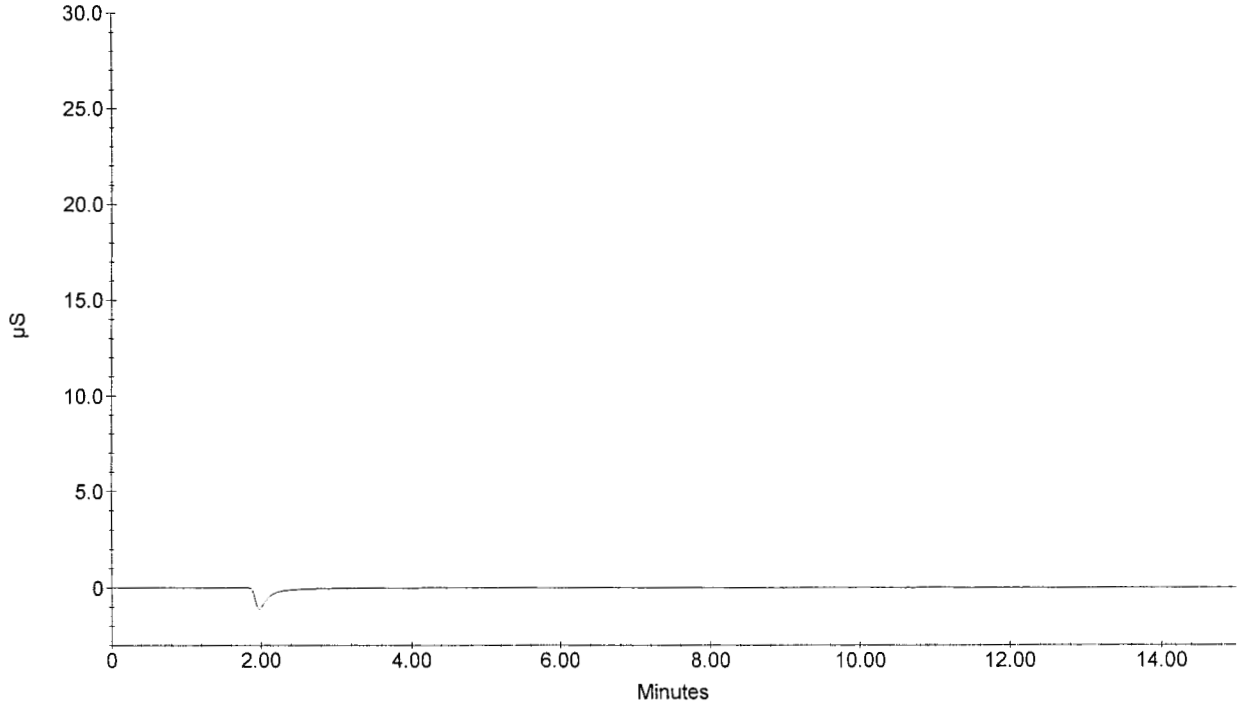
Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 11
Data File Name : C:\PEAKNET\DATA\060826\060826_011.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:42:48 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
	0.00	---total(s)---	0.000		0		

ICB



DIV 20
06002.01.322
TO#061013-8

✓ Woodson A. Naegeli 12/15/06

Analyst: RSS R88
Method: 300
Sig Fig: 3

010113

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/19/06	288097	Fluoride	0.029	0.1	U	0.1		
10/19/06	288097	Chloride	8.938	8.94		0.1		
10/19/06	288097	Nitrite-N	0.038	0.1	U	0.1		
10/19/06	288097	Bromide	0.000	0.1	U	0.1		
10/19/06	288097	Nitrate-N	4.569	4.57		0.1		
10/19/06	288097	Phosphate-P	0.000	0.1	U	0.1		
10/19/06	288097	Sulfate	0.043	0.1	U	0.1		
10/19/06	288098	Fluoride	0.032	0.1	U	0.1		
10/19/06	288098	Chloride	9.930	9.93		0.1		
10/19/06	288098	Nitrite-N	0.035	0.1	U	0.1		
10/19/06	288098	Bromide	0.000	0.1	U	0.1		
10/19/06	288098	Nitrate-N	5.107	5.11		0.1		
10/19/06	288098	Phosphate-P	0.000	0.1	U	0.1		
10/19/06	288098	Sulfate	0.041	0.1	U	0.1		

Insufficient sample volume to run sample duplicate and matrix spike.

U = Undetected

DIV 20
06002.01.242
TO# 061013-8

Analyst: RSS
Method: 300
Sig Fig: 3

010114

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV (LCS)	Fluoride	102.357	102		0.1	100	102%
10/18/06	CCV (LCS)	Chloride	211.796	212		0.1	200	106%
10/18/06	CCV (LCS)	Nitrite-N	106.744	107		0.1	106	101%
10/18/06	CCV (LCS)	Bromide	415.397	415		0.1	400	104%
10/18/06	CCV (LCS)	Nitrate-N	91.720	91.7		0.1	90.4	101%
10/18/06	CCV (LCS)	Phosphate-P	199.788	200		0.1	196	102%
10/18/06	CCV (LCS)	Sulfate	409.665	410		0.1	400	103%
10/18/06	CCB (PB)	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Chloride	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Sulfate	0.036	0.1	U	0.1		
10/19/06	CCV	Fluoride	102.551	103		0.1	100	103%
10/19/06	CCV	Chloride	207.860	208		0.1	200	104%
10/19/06	CCV	Nitrite-N	107.766	108		0.1	106	102%
10/19/06	CCV	Bromide	414.433	414		0.1	400	104%
10/19/06	CCV	Nitrate-N	91.382	91.4		0.1	90.4	101%
10/19/06	CCV	Phosphate-P	198.689	199		0.1	196	102%
10/19/06	CCV	Sulfate	408.670	409		0.1	400	102%
10/19/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/19/06	CCB	Chloride	0.059	0.1	U	0.1		
10/19/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/19/06	CCB	Bromide	0.000	0.1	U	0.1		
10/19/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/19/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/19/06	CCB	Sulfate	0.041	0.1	U	0.1		

U = Undetected

DIV 20
06002.01.242
TO# 061013-8

Analyst: RSS
Method: 300
Sig Fig: 3

010115

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/18/06	ICV	Fluoride	103.861	104		0.1	100	104%
10/18/06	ICV	Chloride	211.560	212		0.1	200	106%
10/18/06	ICV	Nitrite-N	109.032	109		0.1	106	103%
10/18/06	ICV	Bromide	422.478	422		0.1	400	106%
10/18/06	ICV	Nitrate-N	92.655	92.7		0.1	90.4	103%
10/18/06	ICV	Phosphate-P	200.288	200		0.1	196	102%
10/18/06	ICV	Sulfate	409.926	410		0.1	400	103%
10/18/06	ICB	Fluoride	0.000	0.1	U	0.1		
10/18/06	ICB	Chloride	0.000	0.1	U	0.1		
10/18/06	ICB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	ICB	Bromide	0.000	0.1	U	0.1		
10/18/06	ICB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	ICB	Phosphate-P	0.030	0.1	U	0.1		
10/18/06	ICB	Sulfate	0.030	0.1	U	0.1		
10/18/06	CCV	Fluoride	103.645	104		0.1	100	104%
10/18/06	CCV	Chloride	210.569	211		0.1	200	106%
10/18/06	CCV	Nitrite-N	109.250	109		0.1	106	103%
10/18/06	CCV	Bromide	423.215	423		0.1	400	106%
10/18/06	CCV	Nitrate-N	93.764	93.8		0.1	90.4	104%
10/18/06	CCV	Phosphate-P	203.374	203		0.1	196	104%
10/18/06	CCV	Sulfate	412.359	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.086	0.1	U	0.1		
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV	Fluoride	102.886	103		0.1	100	103%
10/18/06	CCV	Chloride	208.741	209		0.1	200	105%
10/18/06	CCV	Nitrite-N	107.984	108		0.1	106	102%
10/18/06	CCV	Bromide	418.265	418		0.1	400	105%
10/18/06	CCV	Nitrate-N	92.060	92.1		0.1	90.4	102%
10/18/06	CCV	Phosphate-P	201.058	201		0.1	196	103%
10/18/06	CCV	Sulfate	411.746	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV	Fluoride	103.963	104		0.1	100	104%
10/18/06	CCV	Chloride	211.747	212		0.1	200	106%
10/18/06	CCV	Nitrite-N	110.256	110		0.1	106	104%
10/18/06	CCV	Bromide	424.342	424		0.1	400	106%
10/18/06	CCV	Nitrate-N	93.516	93.5		0.1	90.4	103%
10/18/06	CCV	Phosphate-P	204.215	204		0.1	196	104%
10/18/06	CCV	Sulfate	412.475	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.064	0.1	U	0.1		

U = Undetected

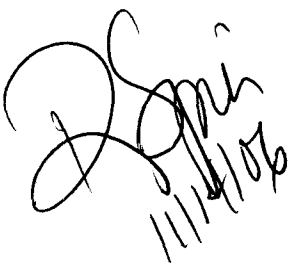
Schedule File: C:\PeakNet\schedule\18oct06A.SCH

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	ICV	Sample		anions060826a.met	061018a_001.dxd	10
2	ICB	Sample		anions060826a.met	061018a_002.dxd	1
3	286156	Sample		anions060826a.met	061018a_003.dxd	1
4	286156D	Sample		anions060826a.met	061018a_004.dxd	1
5	286156S	Sample		anions060826a.met	061018a_005.dxd	1
6	286157	Sample		anions060826a.met	061018a_006.dxd	1
7	286158	Sample		anions060826a.met	061018a_007.dxd	1
8	286159	Sample		anions060826a.met	061018a_008.dxd	1
9	286160	Sample		anions060826a.met	061018a_009.dxd	1
10	286161	Sample		anions060826a.met	061018a_010.dxd	1
11	286162	Sample		anions060826a.met	061018a_011.dxd	1
12	286163	Sample		anions060826a.met	061018a_012.dxd	1
13	CCV	Sample		anions060826a.met	061018a_013.dxd	20
14	CCB	Sample		anions060826a.met	061018a_014.dxd	1
15	286164	Sample		anions060826a.met	061018a_015.dxd	1
16	286165	Sample		anions060826a.met	061018a_016.dxd	1
17	286166	Sample		anions060826a.met	061018a_017.dxd	1
18	286167	Sample		anions060826a.met	061018a_018.dxd	1
19	286168	Sample		anions060826a.met	061018a_019.dxd	1
20	286169	Sample		anions060826a.met	061018a_020.dxd	1
21	CCV	Sample		anions060826a.met	061018a_021.dxd	20
22	CCB	Sample		anions060826a.met	061018a_022.dxd	1
23	287760 DF100	Sample		anions060826a.met	061018a_023.dxd	100
24	287760D DF100	Sample		anions060826a.met	061018a_024.dxd	100
25	287760S DF100	Sample		anions060826a.met	061018a_025.dxd	100
26	287761 DF100	Sample		anions060826a.met	061018a_026.dxd	100
27	287762 DF100	Sample		anions060826a.met	061018a_027.dxd	100
28	287763 DF100	Sample		anions060826a.met	061018a_028.dxd	100
29	286166 DF50	Sample		anions060826a.met	061018a_017.dxd	50
30	286167 DF50	Sample		anions060826a.met	061018a_018.dxd	50
31	286168 DF50	Sample		anions060826a.met	061018a_019.dxd	50
32	286169 DF50	Sample		anions060826a.met	061018a_020.dxd	50
33	CCV	Sample		anions060826a.met	061018a_033.dxd	20
34	CCB	Sample		anions060826a.met	061018a_034.dxd	1
35	287760 DF5	Sample		anions060826a.met	061018a_035.dxd	5
36	287760D DF5	Sample		anions060826a.met	061018a_036.dxd	5
37	287760S DF5	Sample		anions060826a.met	061018a_037.dxd	5
38	287761	Sample		anions060826a.met	061018a_038.dxd	1
39	287762	Sample		anions060826a.met	061018a_039.dxd	1
40	287763	Sample		anions060826a.met	061018a_040.dxd	1
41	286166 DF100	Sample		anions060826a.met	061018a_041.dxd	100
42	CCV	Sample		anions060826a.met	061018a_042.dxd	20
43	CCB	Sample		anions060826a.met	061018a_043.dxd	1
44	286222	Sample		anions060826a.met	061018a_044.dxd	1
45	286223	Sample		anions060826a.met	061018a_045.dxd	1
46	287406	Sample		anions060826a.met	061018a_046.dxd	1
47	287407	Sample		anions060826a.met	061018a_047.dxd	1
48	288097	Sample		anions060826a.met	061018a_048.dxd	1
49	288098	Sample		anions060826a.met	061018a_049.dxd	1
50	CCV	Sample		anions060826a.met	061018a_050.dxd	20
51	CCB	Sample		anions060826a.met	061018a_051.dxd	1

010116

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\061018A
Comment:
DIV 20 06002.01.242 TO#0609153, 061005-13
DIV 20 06002.01.322 TO#060916-6,061002-7, 061013-8

ICV Sources:
1) SPEX LOT#33-13AS (INORG#6118)
F = 100 mg/L
Cl = 200 mg/L
Br = 400 mg/L



NO3N = 90.4 mg/L
PO4P = 196 mg/L
SO4 = 400 mg/L

2) 29-01-IC6
NO2N 106 mg/L

010117

Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 1
Data File Name : c:\peaknet\data\061018a\061018A_001.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

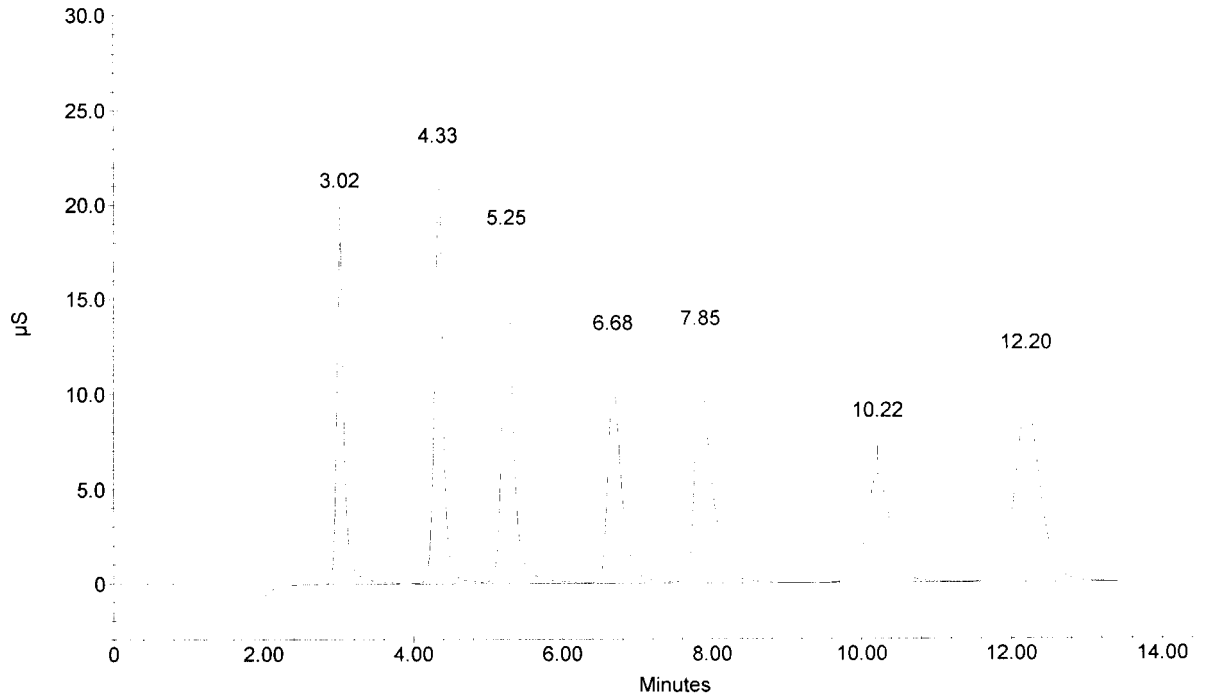
Date Time Collected : 10/18/06 11:28:49 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010118

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.861	179502	1273772	2	-2.37
2	4.33	CHLORIDE	211.560	203238	1712501	2	-4.13
3	5.25	NITRITE-N	109.032	159705	1842121	2	-5.06
4	6.68	BROMIDE	422.478	103654	1397091	2	-5.60
5	7.85	NITRATE-N	92.655	106080	1781281	2	-4.27
6	10.22	PHOSPHATE-P	200.288	57418	1314884	2	-5.40
7	12.20	SULFATE	409.926	92732	2302698	2	-6.58
	0.00		---total(s)--- 1549.799		11624347		

ICV



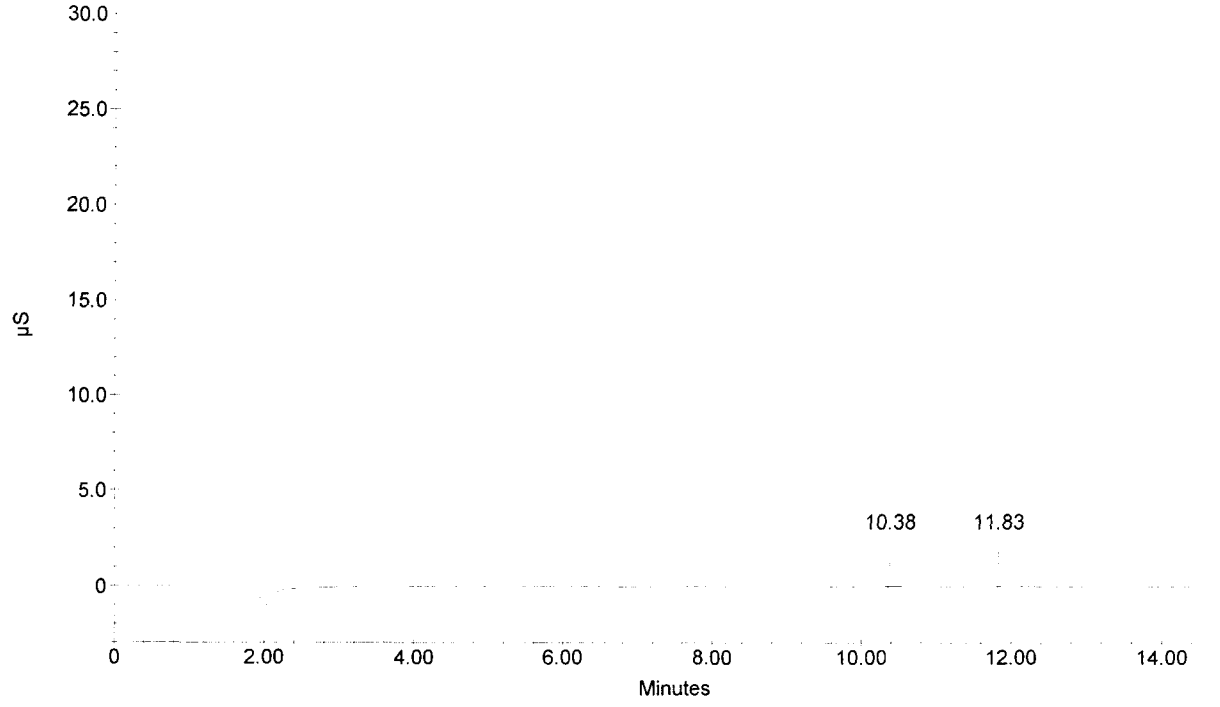
Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 2
Data File Name : c:\peaknet\data\061018a\061018A_002.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 11:46:28 AM **010119**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	10.38	PHOSPHATE-P CHLORIDE NITRITE-N BROMIDE NITRATE-N	0.030	55	994	1	-3.86
1	10.38	PHOSPHATE-P	0.030	55	994	1	-3.86
2	11.83	SULFATE	0.030	48	522	1	-9.39
	0.00	---total(s)---	0.090		2511		

ICB



010120

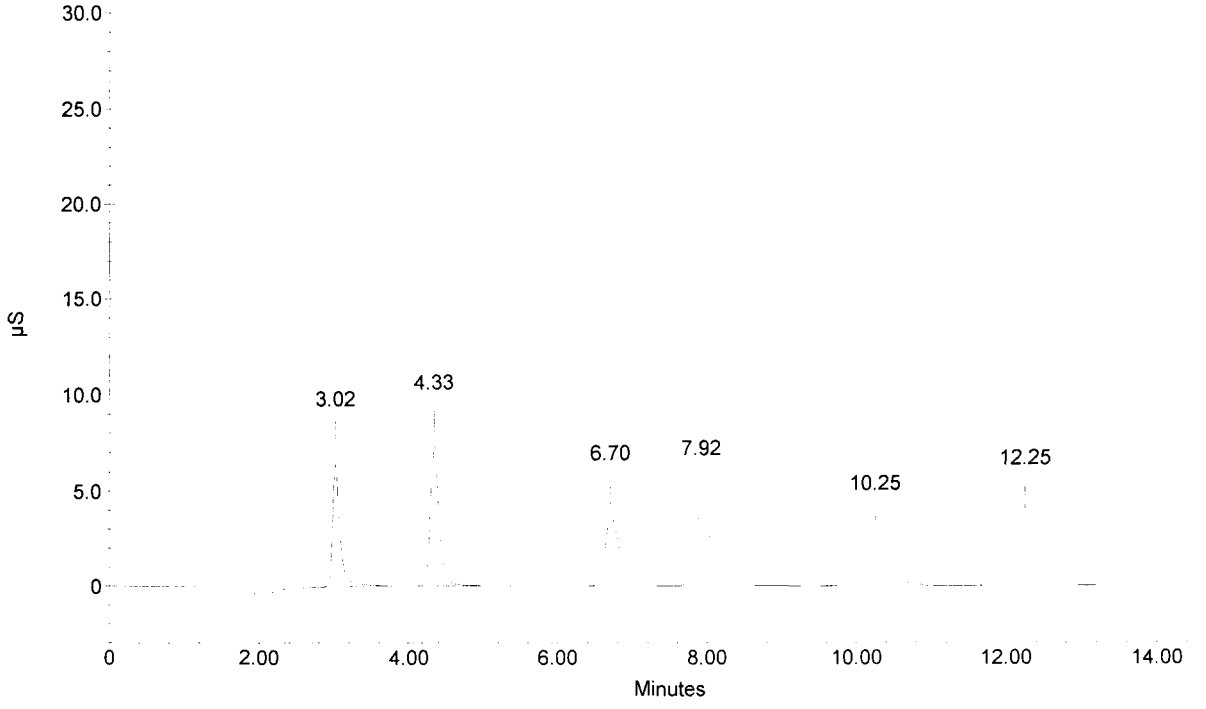
Sample Name : 286156
Dilution Factor : 1.00
Injection Number : 3
Data File Name : c:\peaknet\data\061018a\061018A_003.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 12:04:07 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.970	64425	459708	1	-2.37
2	4.33	CHLORIDE	3.972	73047	607395	1	-4.13
		NITRITE-N					
3	6.70	BROMIDE	8.220	36301	513581	2	-5.37
4	7.92	NITRATE-N	1.742	38717	655197	2	-3.46
5	10.25	PHOSPHATE-P	4.036	20706	504514	2	-5.09
6	12.25	SULFATE	8.284	33632	863539	2	-6.20
			---total(s)---				
	0.00		28.224		3603934		

286156



010121

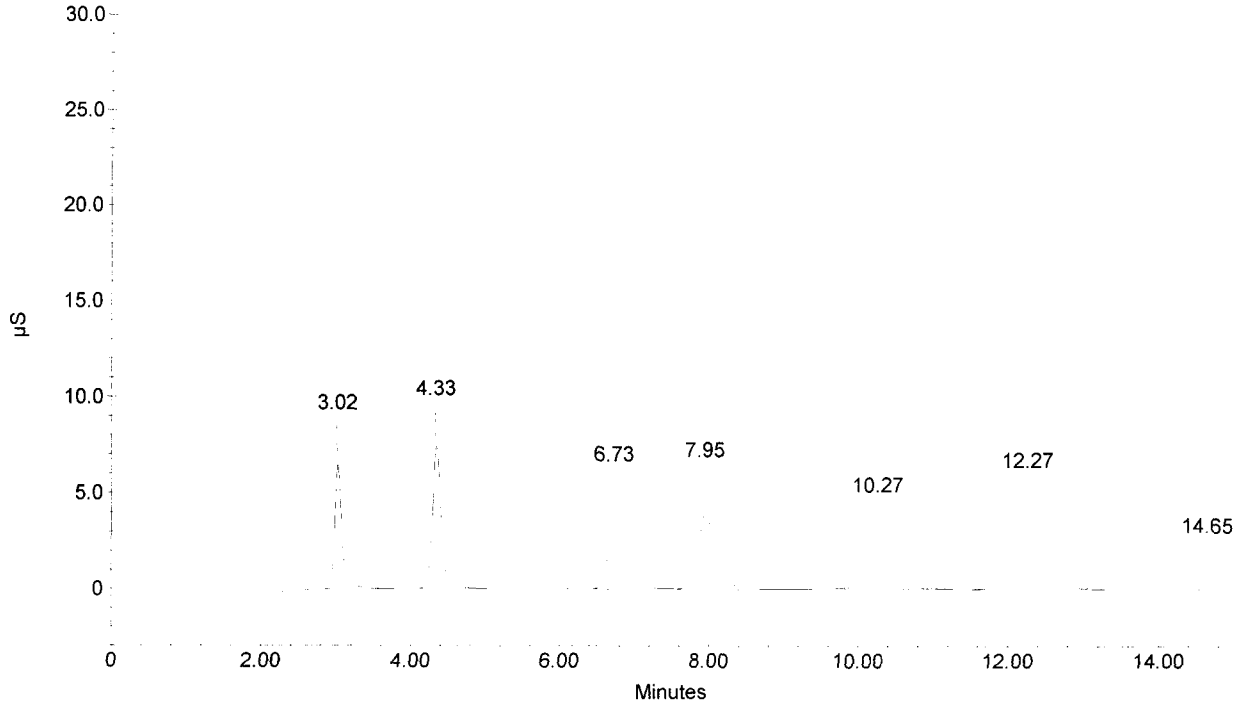
Sample Name : 286156D
Dilution Factor : 1.00
Injection Number : 4
Data File Name : c:\peaknet\data\061018a\061018A_004.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 12:21:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.988	63813	464027	1	-2.37
2	4.33	CHLORIDE	4.006	70865	612860	1	-4.13
		NITRITE-N					
3	6.73	BROMIDE	8.276	36757	517158	2	-4.90
4	7.95	NITRATE-N	1.750	38897	658055	2	-3.05
5	10.27	PHOSPHATE-P	3.992	20756	498914	2	-4.94
6	12.27	SULFATE	8.244	33605	859219	2	-6.07
	0.00		---total(s)--- 28.257		3610234		

286156D



Sample Name : 286156S
Dilution Factor : 1.00
Injection Number : 5
Data File Name : c:\peaknet\data\061018a\061018A_005.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

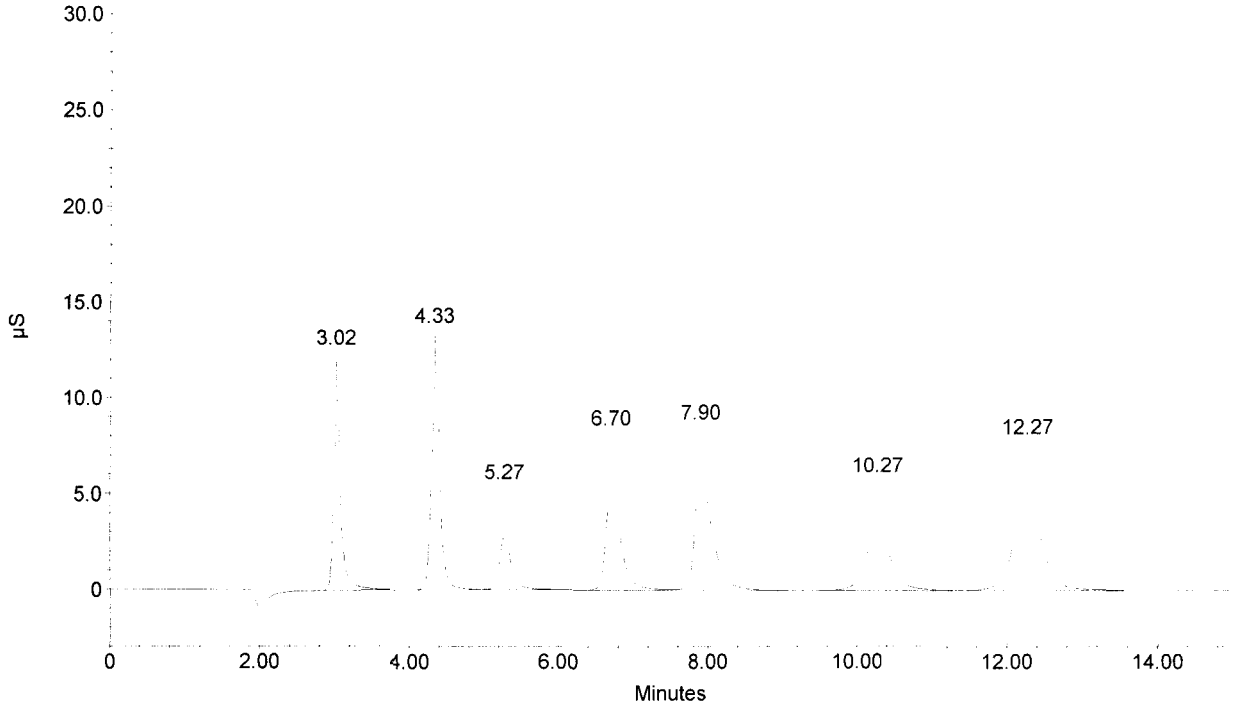
Date Time Collected : 10/18/06 12:39:24 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010122

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.956	98317	701525	1	-2.37
2	4.33	CHLORIDE	5.988	109496	932615	2	-4.13
3	5.27	NITRITE-N	1.037	27924	325290	2	-4.76
4	6.70	BROMIDE	12.259	56072	779113	2	-5.37
5	7.90	NITRATE-N	2.623	58923	993100	2	-3.66
6	10.27	PHOSPHATE-P	5.896	31686	748421	2	-4.94
7	12.27	SULFATE	12.259	51415	1307550	2	-6.07
	0.00		---total(s)--- 43.018		5787614		

286156S



Sample Name : 286157
Dilution Factor : 1.00
Injection Number : 6
Data File Name : c:\peaknet\data\061018a\061018A_006.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

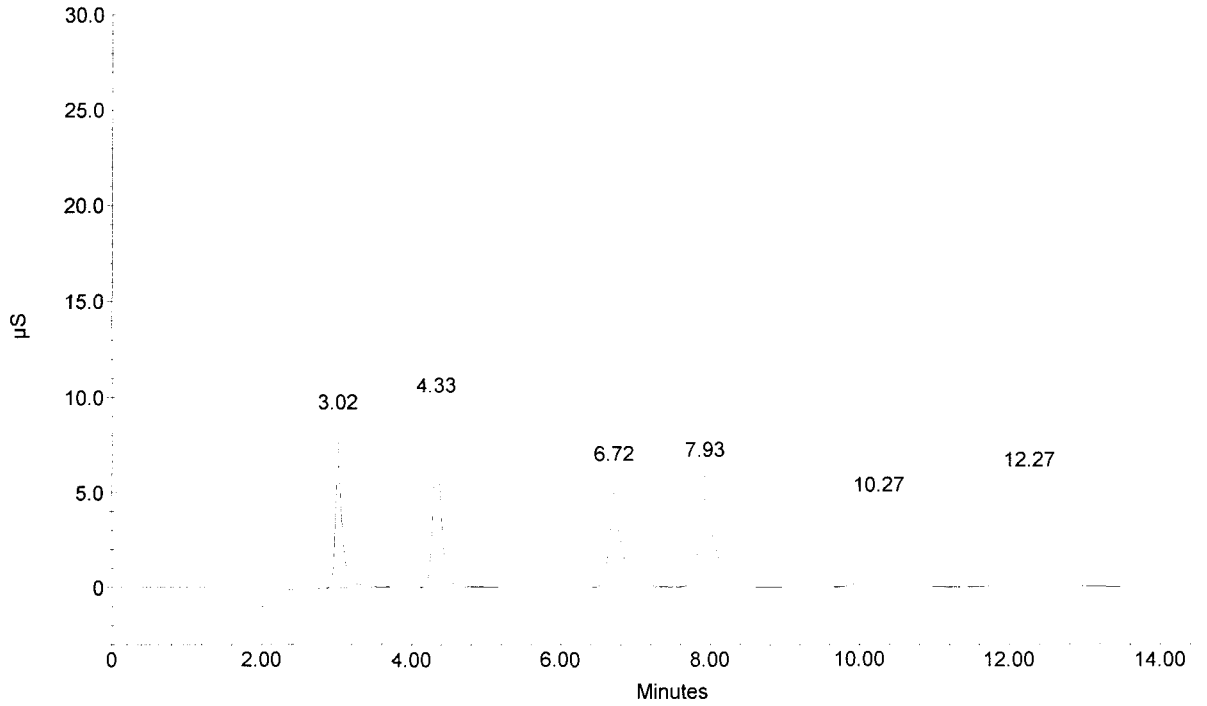
Date Time Collected : 10/18/06 12:57:03 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010123

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.971	64246	459935	1	-2.37
2	4.33	CHLORIDE	3.997	72816	611334	1	-4.13
		NITRITE-N					
3	6.72	BROMIDE	8.266	36861	516572	2	-5.13
4	7.93	NITRATE-N	1.747	38979	656912	2	-3.25
5	10.27	PHOSPHATE-P	4.023	20786	502877	2	-4.94
6	12.27	SULFATE	8.288	33681	863951	2	-6.07
	0.00		---total(s)--- 28.292		3611582		

286157



010124

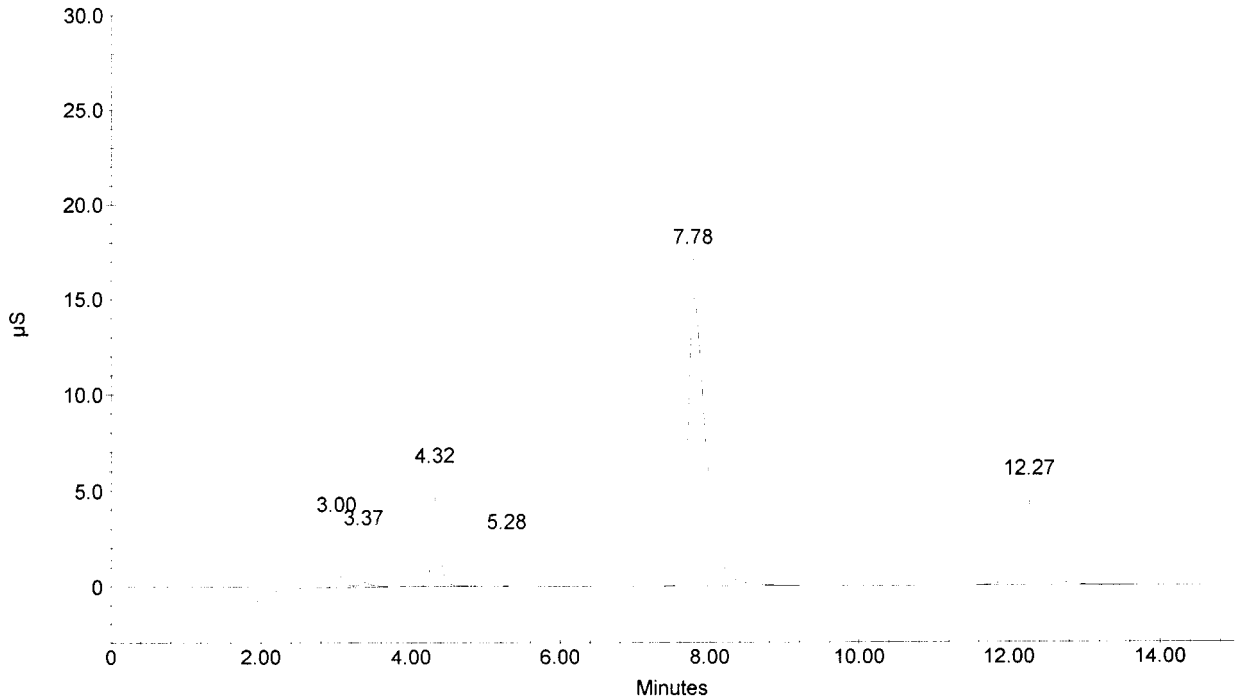
Sample Name : 286158
Dilution Factor : 1.00
Injection Number : 7
Data File Name : ...\061018A_007.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 1:14:41 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.344	9786	74682	2	-2.91
3	4.32	CHLORIDE	1.958	34345	291829	1	-4.50
4	5.28	NITRITE-N BROMIDE	0.024	138	1171	1	-4.46
5	7.78	NITRATE-N PHOSPHATE-P	6.391	149074	2492427	1	-5.08
6	12.27	SULFATE	6.843	27273	707416	1	-6.07
	0.00	---total(s)---	15.559		3567525		

286158



Sample Name : 286159
Dilution Factor : 1.00
Injection Number : 8
Data File Name : ...\061018A_008.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

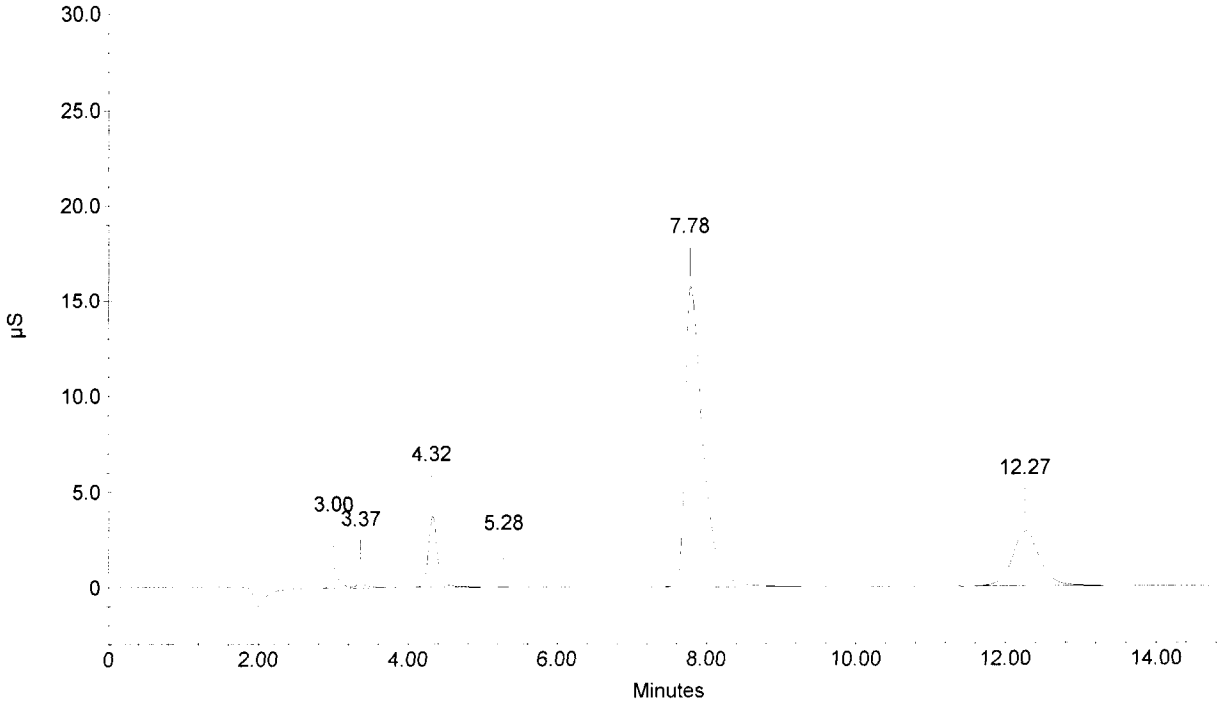
Date Time Collected : 10/18/06 1:32:20 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010125

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.359	10363	78297	2	-2.91
3	4.32	CHLORIDE	2.100	36096	313824	2	-4.50
4	5.28	NITRITE-N	0.027	201	2215	2	-4.46
		BROMIDE					
5	7.78	NITRATE-N	6.671	155259	2607908	1	-5.08
		PHOSPHATE-P					
6	12.27	SULFATE	7.040	28540	728711	1	-6.07
	0.00		---total(s)--- 16.199		3730956		

286159



Sample Name : 286160
Dilution Factor : 1.00
Injection Number : 9
Data File Name : ...\061018A_009.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

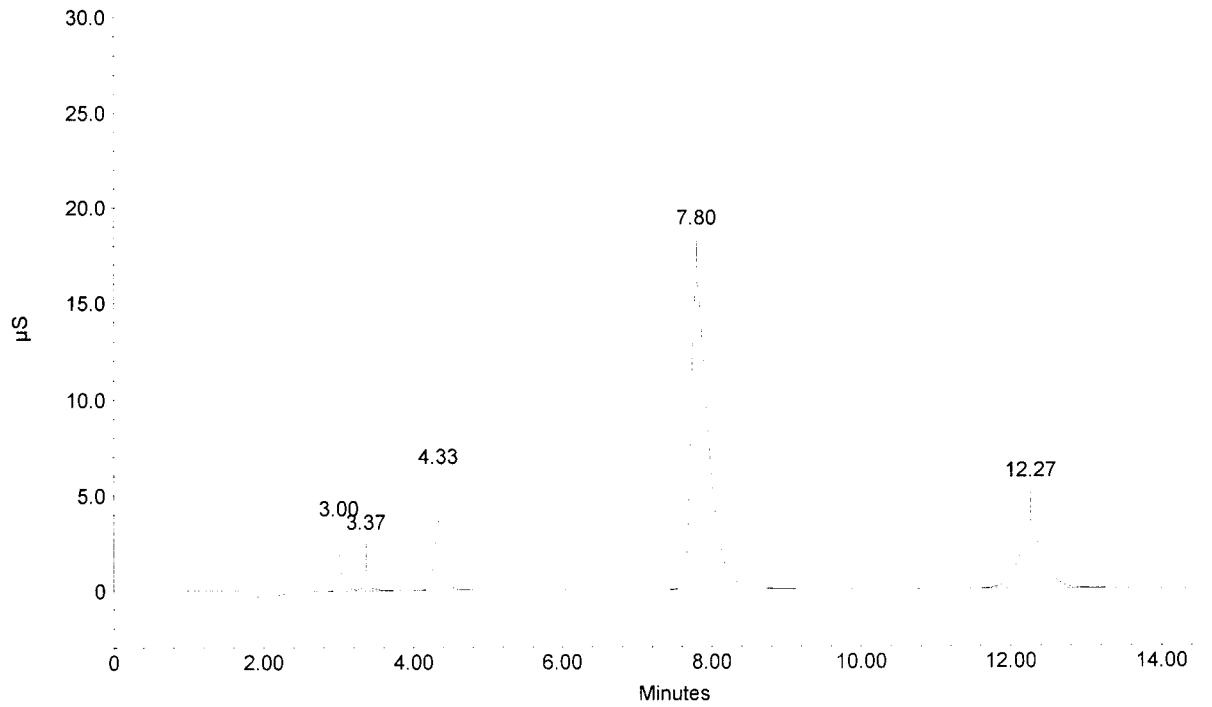
Date Time Collected : 10/18/06 1:49:59 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010126

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.349	9811	75906	2	-2.91
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.004	36270	298873	1	-4.13
4	7.80	NITRATE-N PHOSPHATE-P	6.796	160254	2659588	1	-4.88
5	12.27	SULFATE	7.079	28604	732872	1	-6.07
	0.00		---total(s)--- 16.228		3767238		

286160



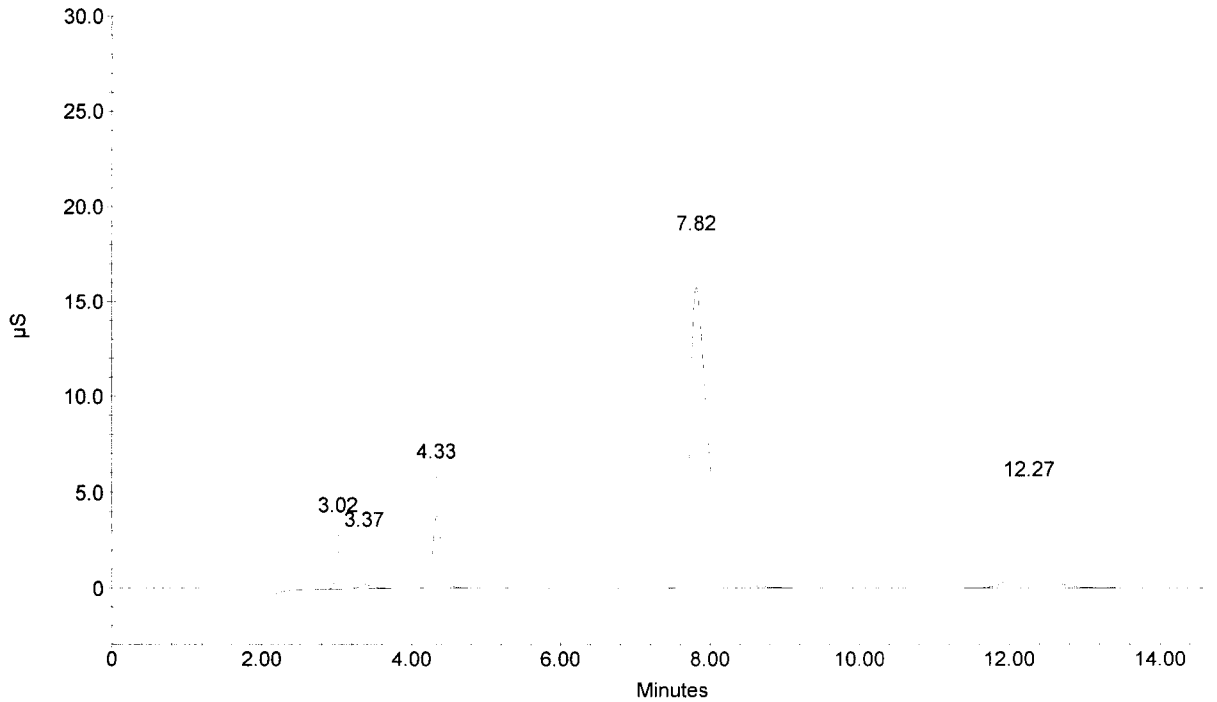
Sample Name : 286161
Dilution Factor : 1.00
Injection Number : 10
Data File Name : c:\peaknet\data\061018a\061018A_010.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 2:07:38 PM 010127
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.344	10219	74791	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.084	37507	311358	1	-4.13
4	7.82	NITRATE-N PHOSPHATE-P	6.702	157370	2620715	1	-4.67
5	12.27	SULFATE	6.937	28027	717523	1	-6.07
	0.00	---total(s)---	16.067		3724387		

286161



010128

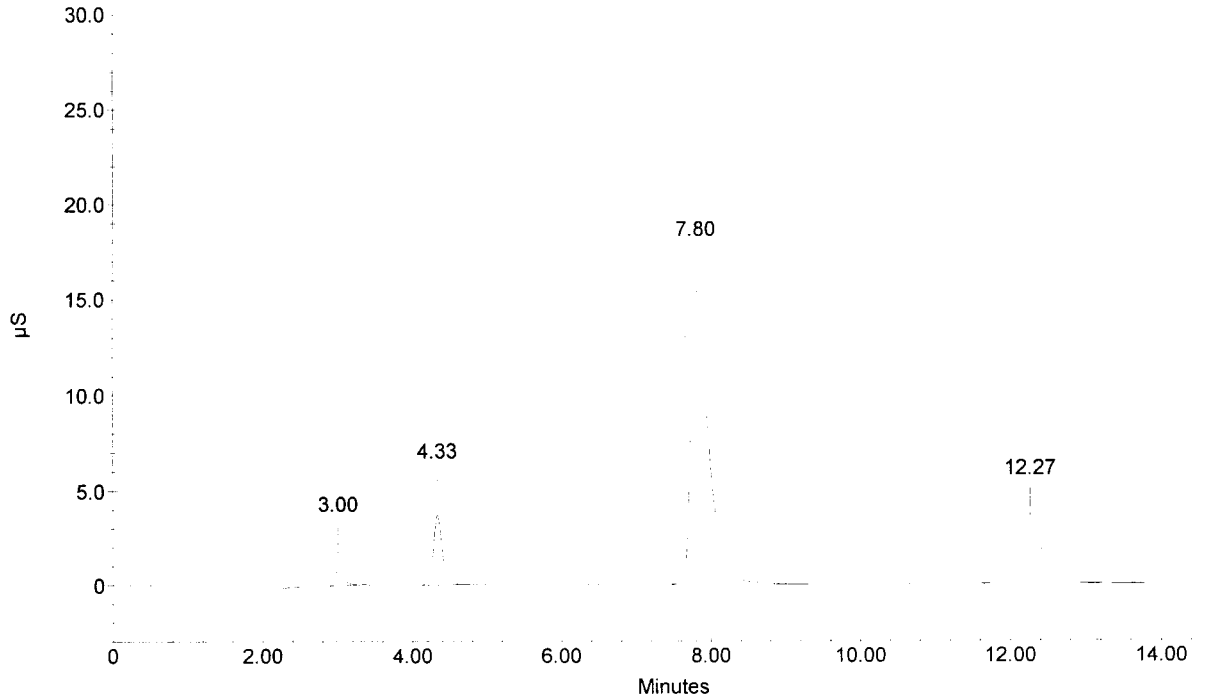
Sample Name : 286162
Dilution Factor : 1.00
Injection Number : 11
Data File Name : c:\peaknet\data\061018a\061018A_011.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 2:25:18 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.322	9702	69612	1	-2.91
2	4.33	CHLORIDE NITRITE-N BROMIDE	2.054	36984	306613	1	-4.13
3	7.80	NITRATE-N PHOSPHATE-P	6.549	152689	2557581	1	-4.88
4	12.27	SULFATE	6.939	27866	717784	1	-6.07
	0.00		---total(s)--- 15.864		3651590		

286162



Sample Name : 286163
Dilution Factor : 1.00
Injection Number : 12
Data File Name : c:\peaknet\data\061018a\061018A_012.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

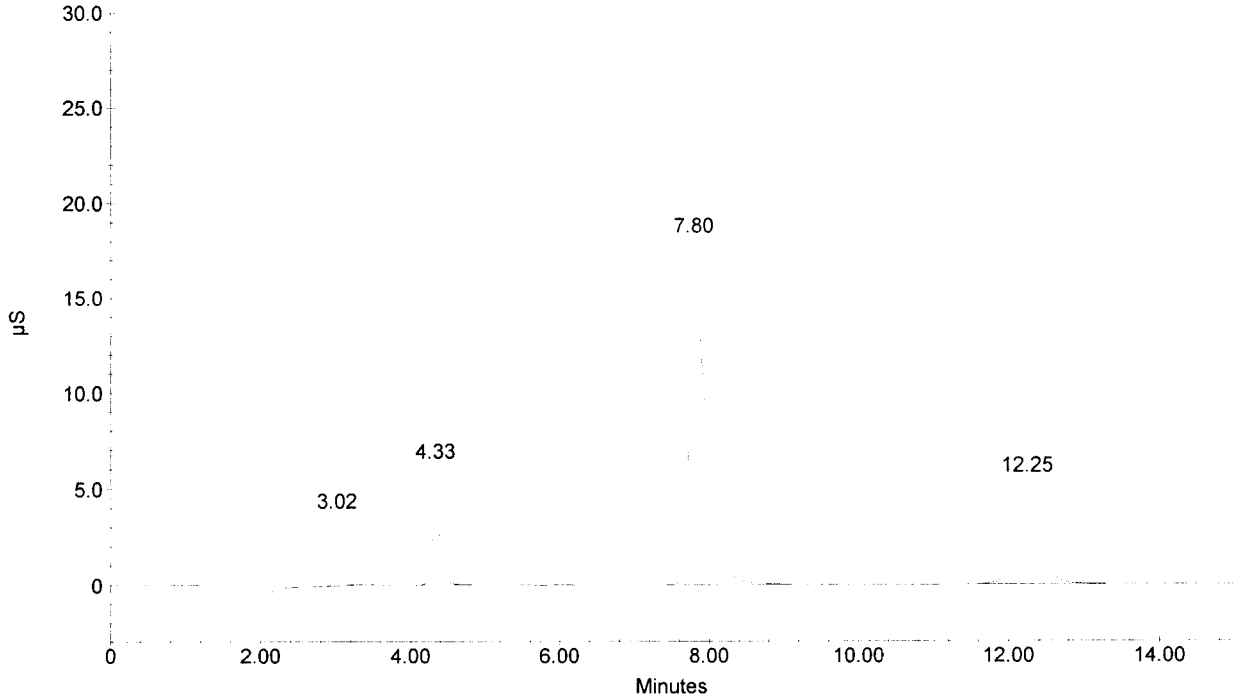
Date Time Collected : 10/18/06 2:42:58 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010129

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.330	10384	71450	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	2.014	35669	300419	1	-4.13
3	7.80	NITRATE-N PHOSPHATE-P	6.621	154316	2587135	1	-4.88
4	12.25	SULFATE	7.045	28230	729210	1	-6.20
	0.00		---total(s)--- 16.009		3688214		

286163



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 13
Data File Name : c:\peaknet\data\061018a\061018A_013.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

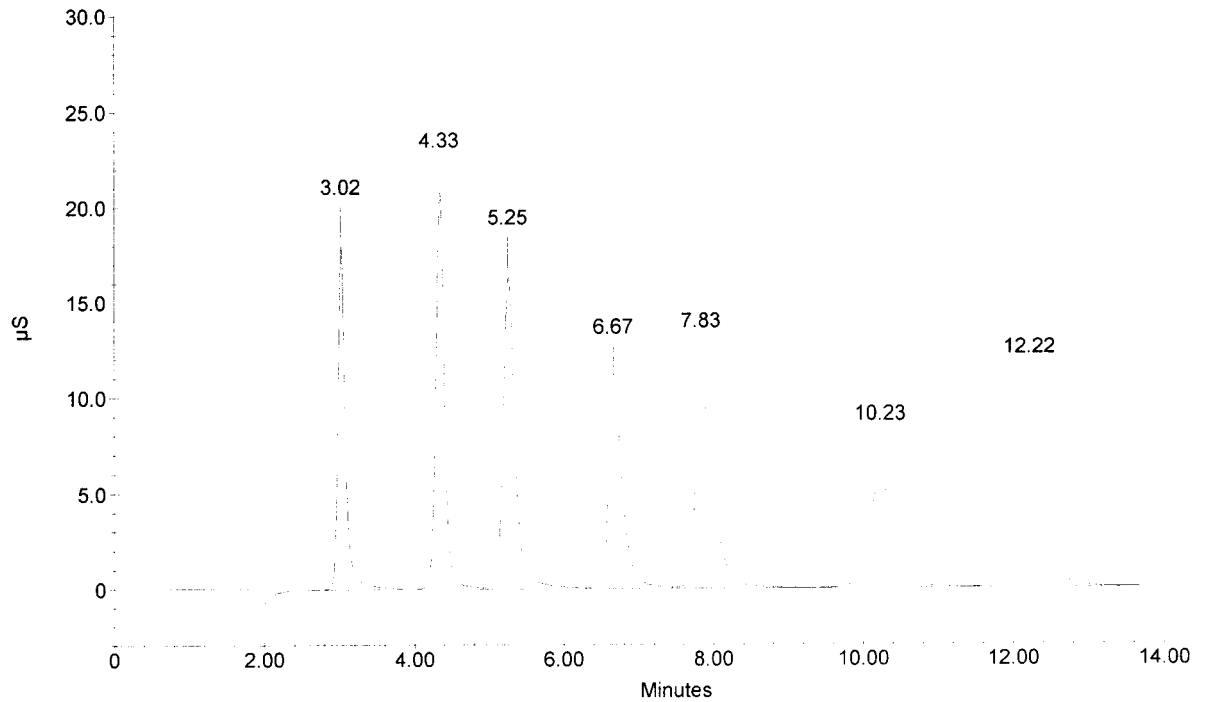
Date Time Collected : 10/18/06 3:00:37 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010130

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.645	177400	1270945	2	-2.37
2	4.33	CHLORIDE	210.569	201979	1703749	2	-4.13
3	5.25	NITRITE-N	109.250	161342	1846065	2	-5.06
4	6.67	BROMIDE	423.215	103675	1399772	2	-5.84
5	7.83	NITRATE-N	93.764	106612	1803411	2	-4.47
6	10.23	PHOSPHATE-P	203.374	57631	1336891	2	-5.25
7	12.22	SULFATE	412.359	92472	2318285	2	-6.46
	0.00		---total(s)--- 1556.176		11679118		

CCV



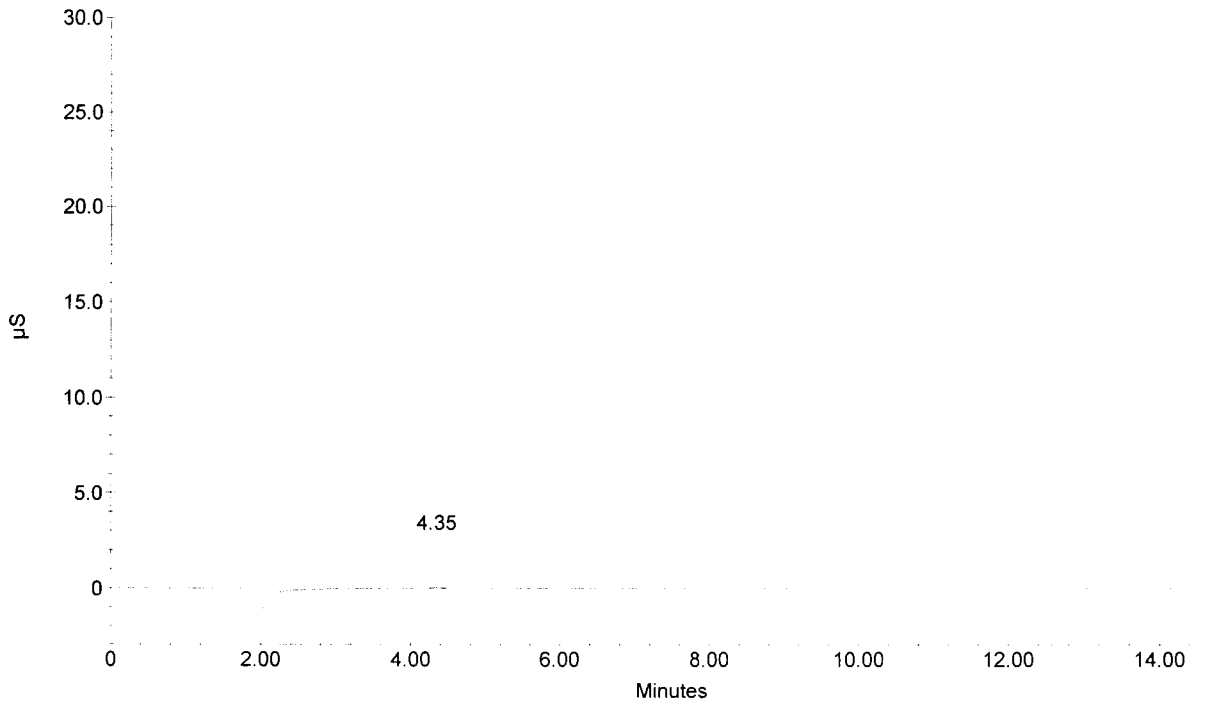
Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 14
Data File Name : c:\peaknet\data\061018a\061018A_014.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 3:18:17 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.35	CHLORIDE	0.086	767	6158	1	-3.76
1	4.35	CHLORIDE	0.086	767	6158	1	-3.76
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
		---total(s)---					
	0.00		0.173		12316		

CCB



Sample Name : 286164
Dilution Factor : 1.00
Injection Number : 15
Data File Name : c:\peaknet\data\061018a\061018A_015.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

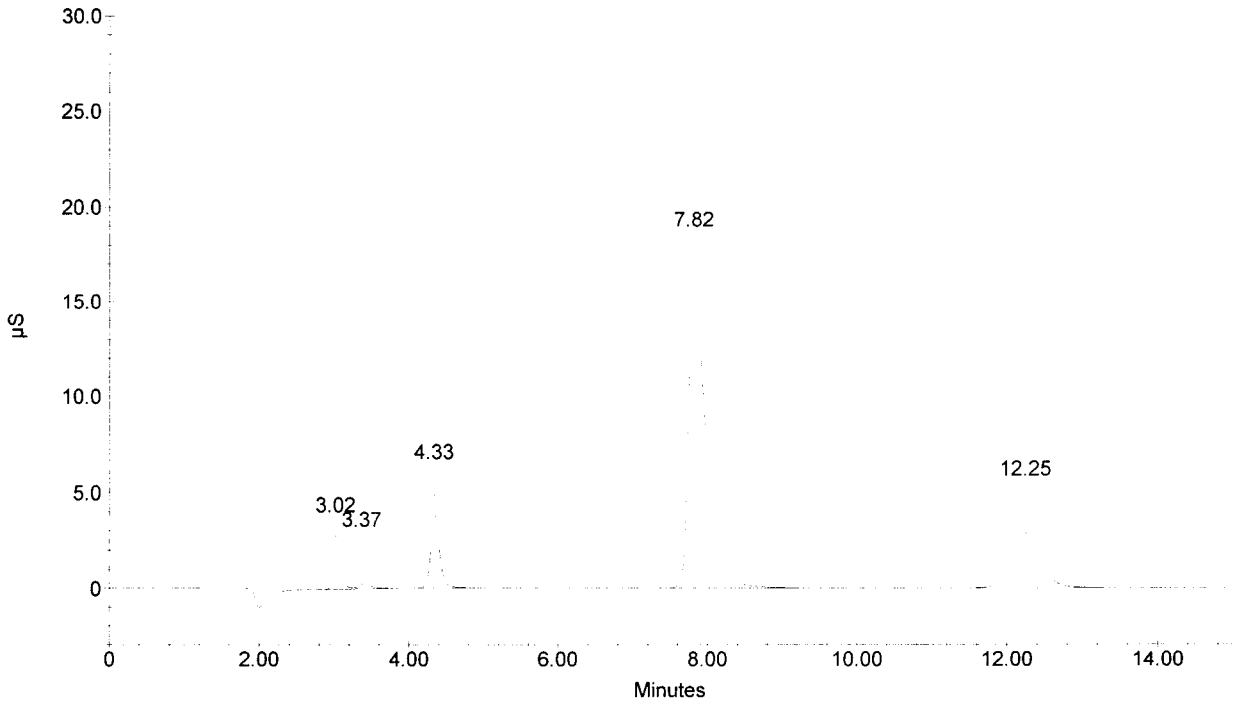
Date Time Collected : 10/18/06 3:35:56 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010132

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.355	10446	77238	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.137	37449	319486	1	-4.13
4	7.82	NITRATE-N PHOSPHATE-P	6.791	159694	2657569	1	-4.67
5	12.25	SULFATE	7.066	28627	731492	1	-6.20
	0.00	---total(s)---	16.349		3785786		

286164



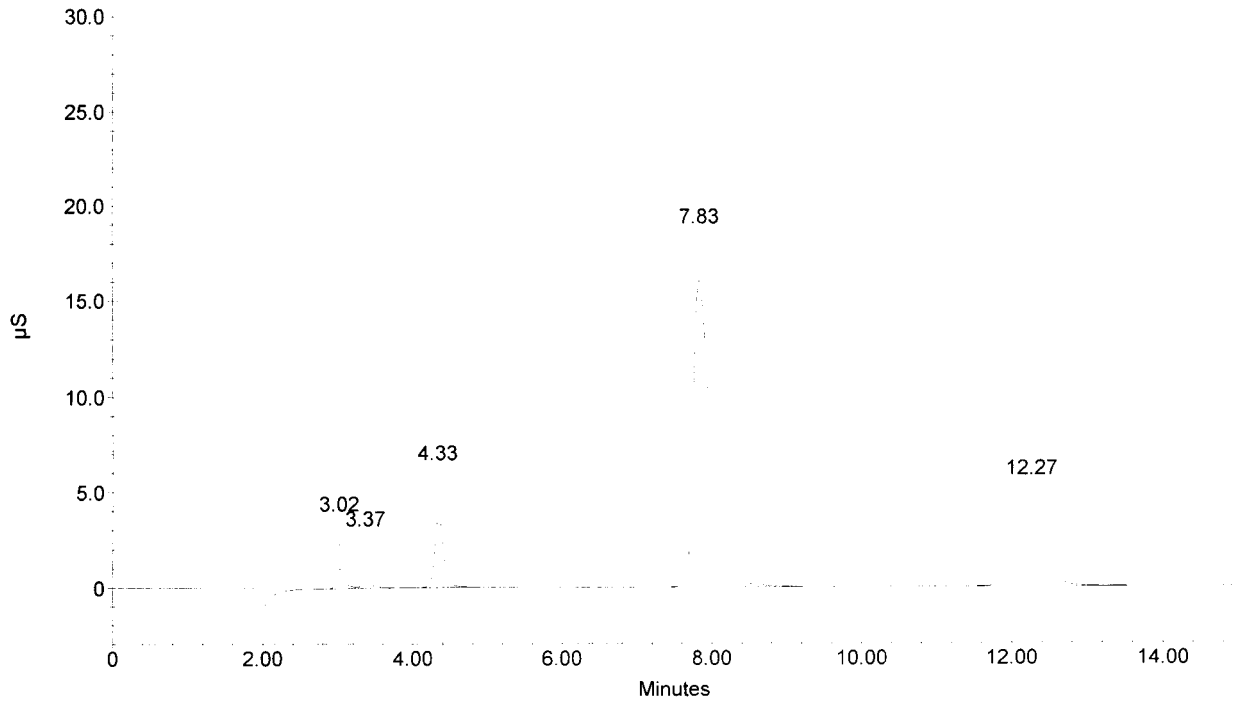
Sample Name : 286165
Dilution Factor : 1.00
Injection Number : 16
Data File Name : c:\peaknet\data\061018a\061018A_016.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 3:53:36 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.353	10429	76871	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.125	36819	317702	1	-4.13
4	7.83	NITRATE-N PHOSPHATE-P	6.829	160228	2673233	1	-4.47
5	12.27	SULFATE	7.084	28701	733399	1	-6.07
	0.00	---total(s)---	16.392		3801206		

286165



Sample Name : 286166
Dilution Factor : 1.00
Injection Number : 17
Data File Name : ...\061018A_017.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

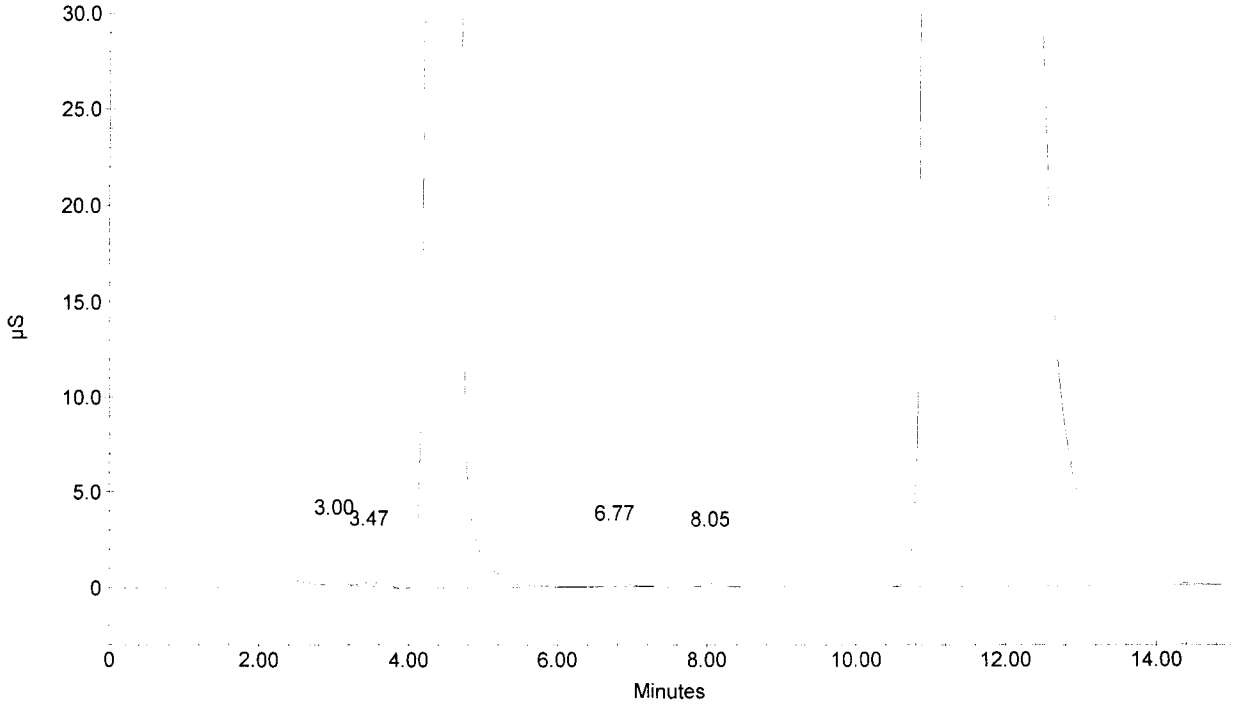
Date Time Collected : 10/18/06 4:11:15 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010134

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.333	7024	72096	2	-2.91
3	4.60	CHLORIDE NITRITE-N	-642.586	3560354	60630339	2	1.77
4	6.77	BROMIDE	1.222	4817	73418	2	-4.43
5	8.05	NITRATE-N PHOSPHATE-P	0.086	1879	31920	1	-1.83
6	11.03	SULFATE	-31381.055	5287884	269640475	1	-6.02
	0.00	---total(s)---	-32022.000		330448248		

286166



010135

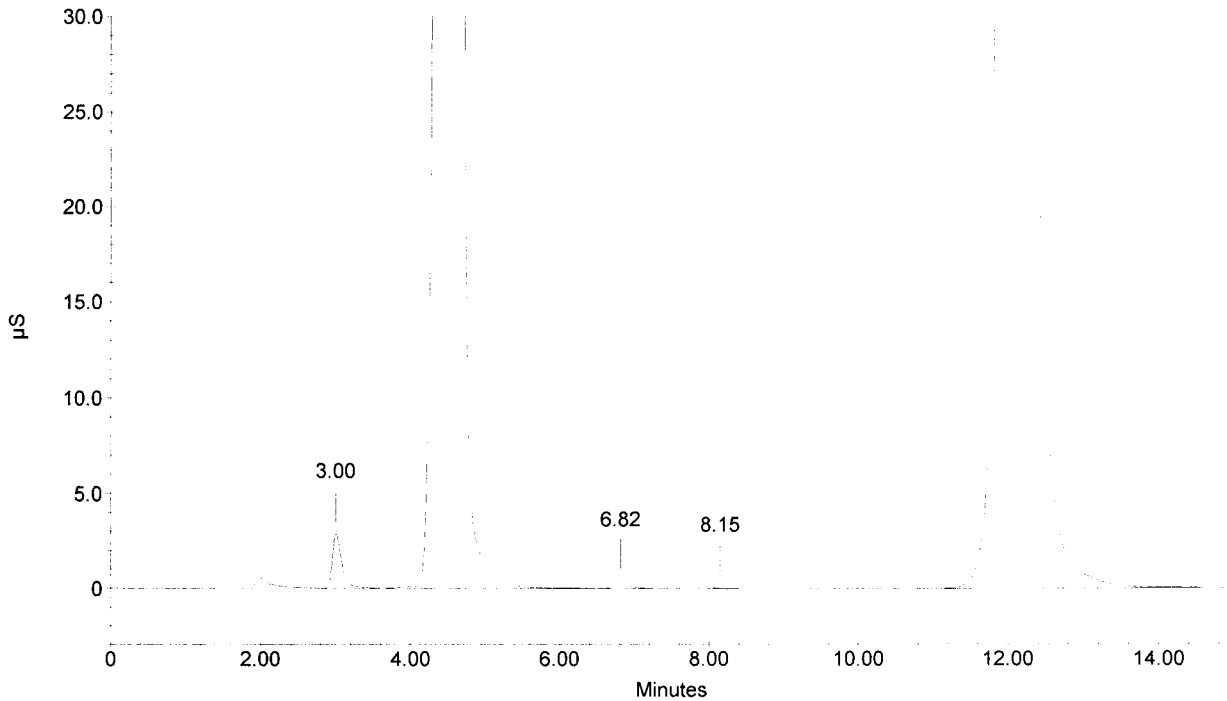
Sample Name : 286167
Dilution Factor : 1.00
Injection Number : 18
Data File Name : c:\peaknet\data\061018a\061018A_018.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 4:28:55 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	1.131	28514	258846	2	-2.91
2	4.62	CHLORIDE NITRITE-N	-311.662	3044175	46783647	2	2.14
3	6.82	BROMIDE	0.798	3144	47498	2	-3.72
4	8.15	NITRATE-N PHOSPHATE-P	0.012	265	4279	1	-0.61
5	11.98	SULFATE	-80.358	1036616	27510743	1	-8.24
	0.00	---total(s)---	-390.080		74605013		

286167



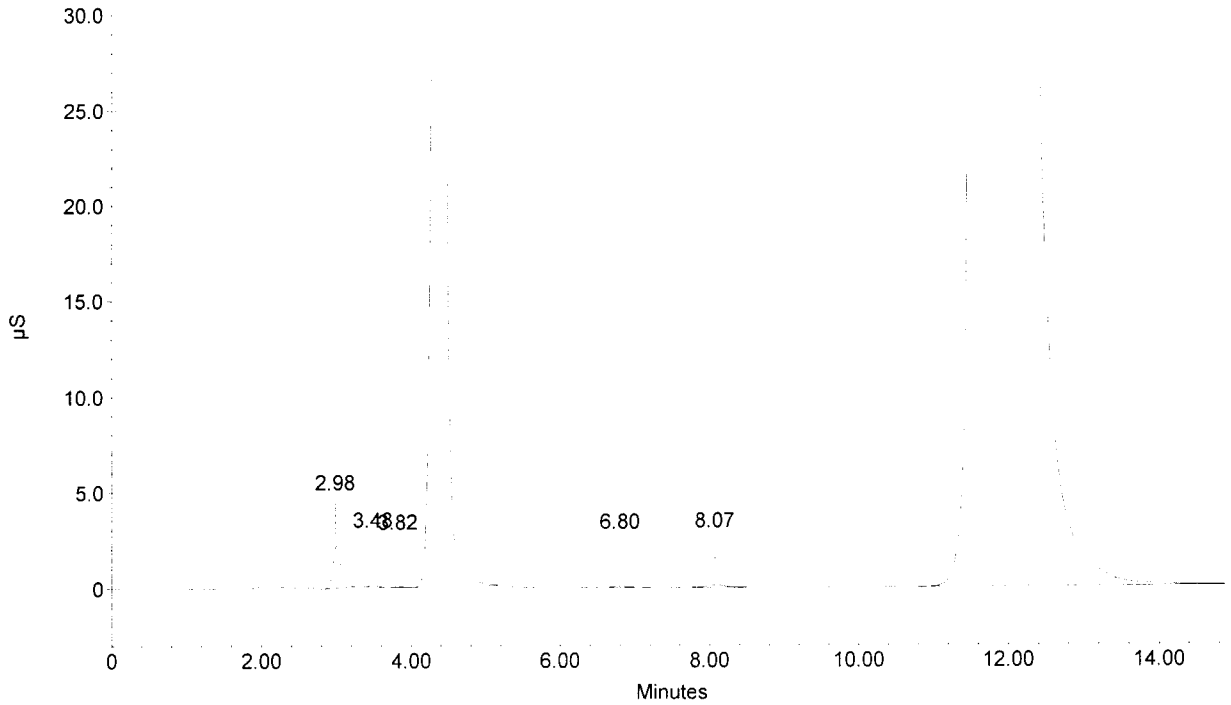
Sample Name : 286168
Dilution Factor : 1.00
Injection Number : 19
Data File Name : ...\061018A_019.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 4:46:35 PM **010136**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	0.716	21176	161178	1	-3.45
4	4.40	CHLORIDE	38.347	1123655	10431578	1	-2.65
		NITRITE-N					
5	6.80	BROMIDE	0.209	823	11649	1	-3.95
6	8.07	NITRATE-N	0.060	1335	22212	1	-1.63
		PHOSPHATE-P					
7	11.65	SULFATE	-2464.321	2464410	83933180	1	-7.47
		---total(s)---					
	0.00		-2424.989		94559797		

286168



Sample Name : 286169
Dilution Factor : 1.00
Injection Number : 20
Data File Name : ...\061018A_020.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

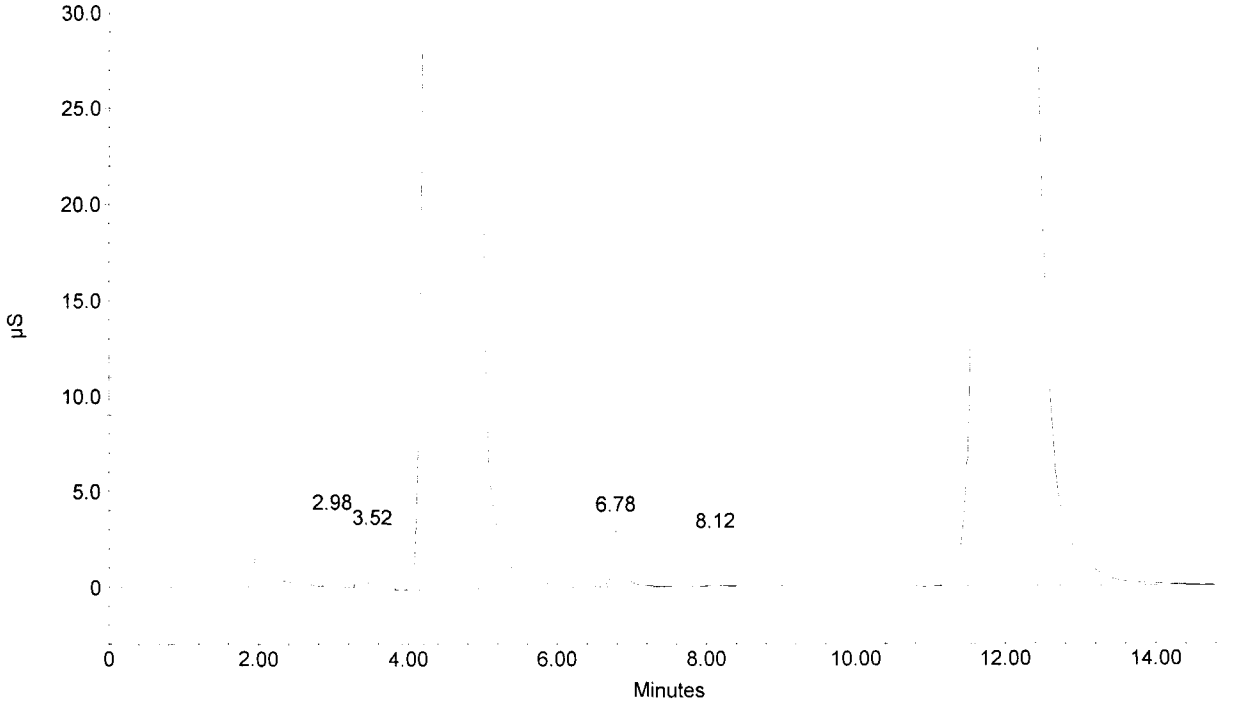
Date Time Collected : 10/18/06 5:04:15 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010137

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	0.523	10297	116306	2	-3.45
3	4.87	CHLORIDE NITRITE-N	-4976.122	5396005	144490349	2	7.67
4	6.78	BROMIDE	2.425	9509	147453	2	-4.19
5	8.12	NITRATE-N PHOSPHATE-P	0.027	604	10014	1	-1.02
6	11.73	SULFATE	-1580.845	2156813	69687116	1	-5.07
	0.00		---total(s)--- -6553.992		214451239		

286169



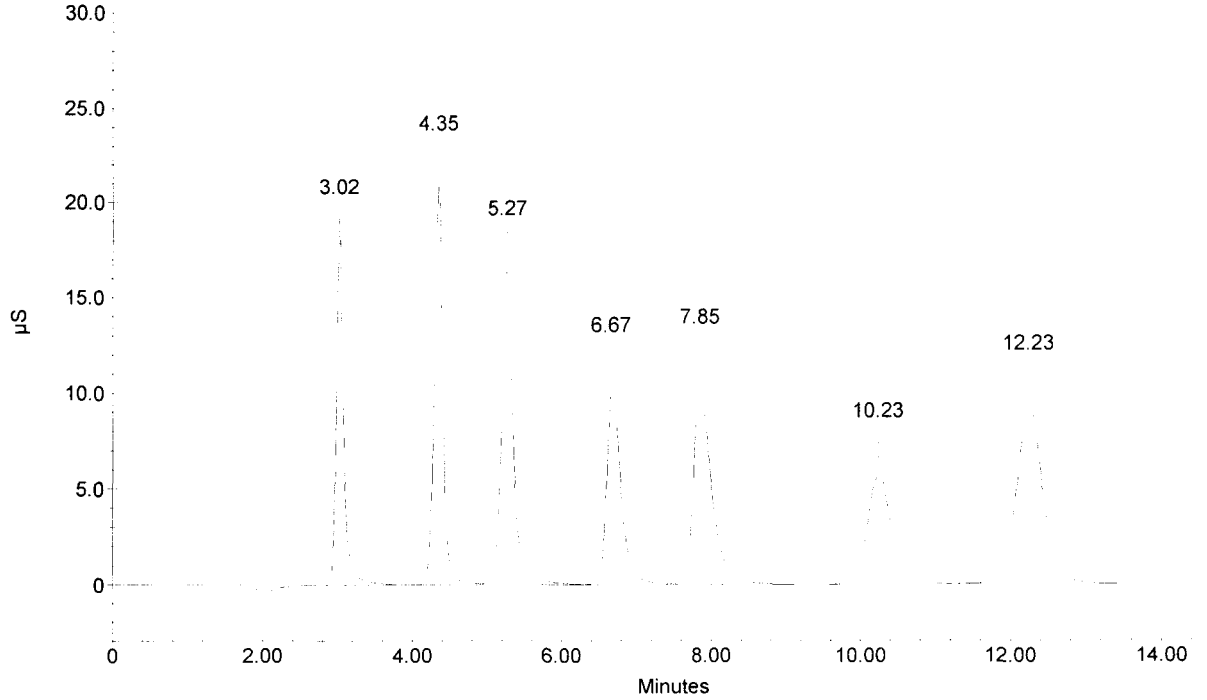
Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 21
Data File Name : c:\peaknet\data\061018a\061018A_021.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 5:21:54 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.886	174966	1260994	1	-2.37
2	4.35	CHLORIDE	208.741	208327	1687642	2	-3.76
3	5.27	NITRITE-N	107.984	163104	1823180	2	-4.76
4	6.67	BROMIDE	418.265	102196	1381774	2	-5.84
5	7.85	NITRATE-N	92.060	106305	1769441	2	-4.27
6	10.23	PHOSPHATE-P	201.058	57397	1320374	2	-5.25
7	12.23	SULFATE	411.746	92810	2314358	2	-6.33
	0.00		---total(s)--- 1542.741		11557763		

CCV



010139

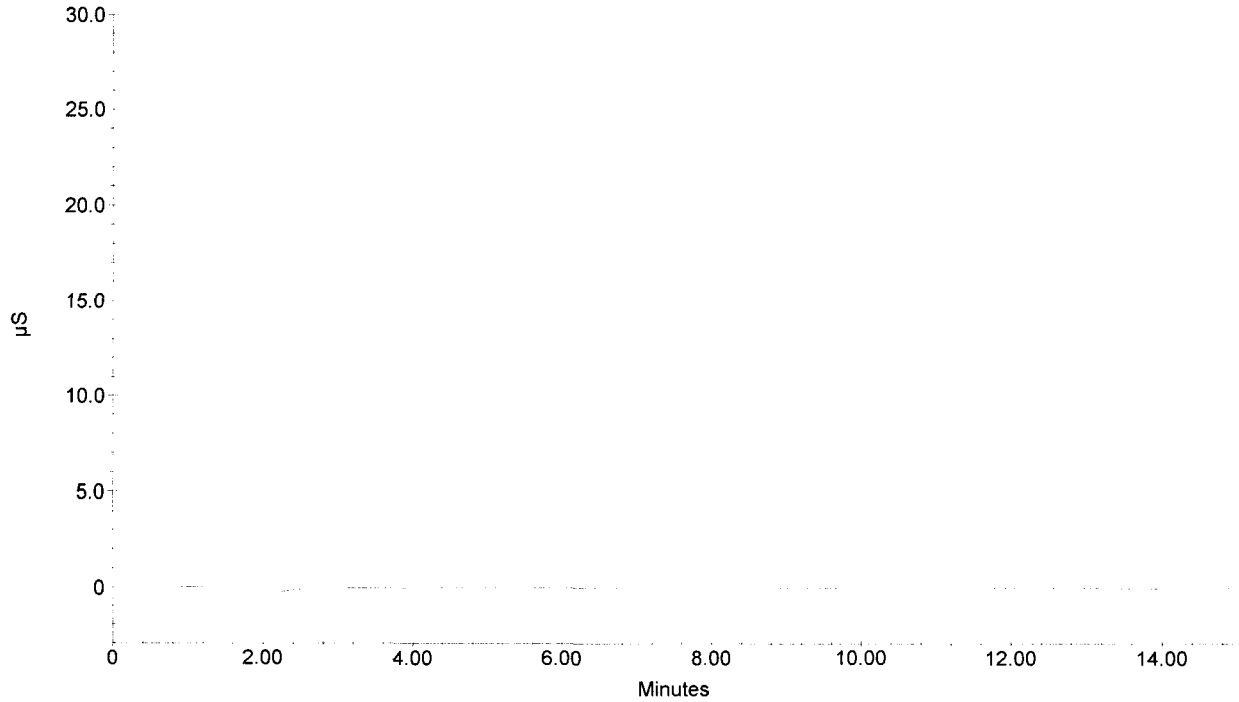
Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 22
Data File Name : c:\peaknet\data\061018a\061018A_022.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 5:39:35 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
	0.00	---total(s)---	0.000		0		

CCB



010140

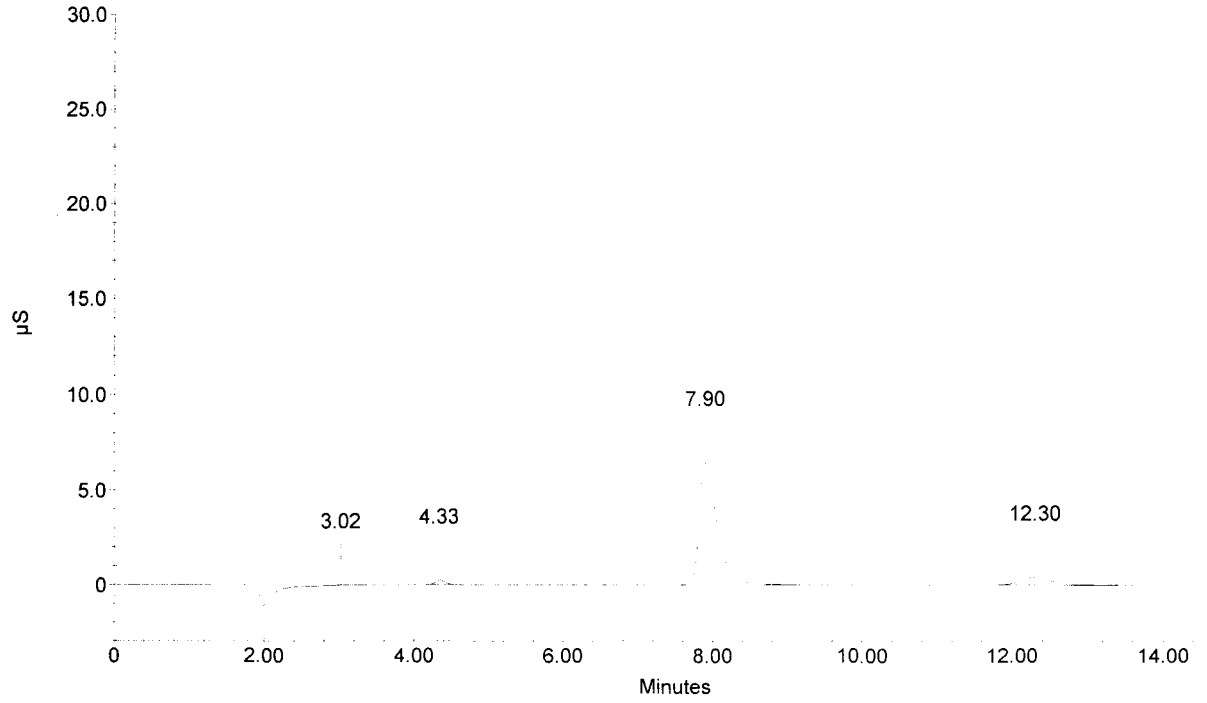
Sample Name : 287760 DF100
Dilution Factor : 100.00
Injection Number : 23
Data File Name : c:\peaknet\data\061018a\061018A_023.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 5:57:14 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	3.394	465	3369	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	18.273	2488	20696	1	-4.13
3	7.90	NITRATE-N PHOSPHATE-P	287.258	64169	1089515	1	-3.66
4	12.30	SULFATE	121.446	4204	120037	1	-5.82
	0.00		---total(s)--- 430.372		1233617		

287760 DF100



Sample Name : 287760D DF100
Dilution Factor : 100.00
Injection Number : 24
Data File Name : c:\peaknet\data\061018a\061018A_024.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

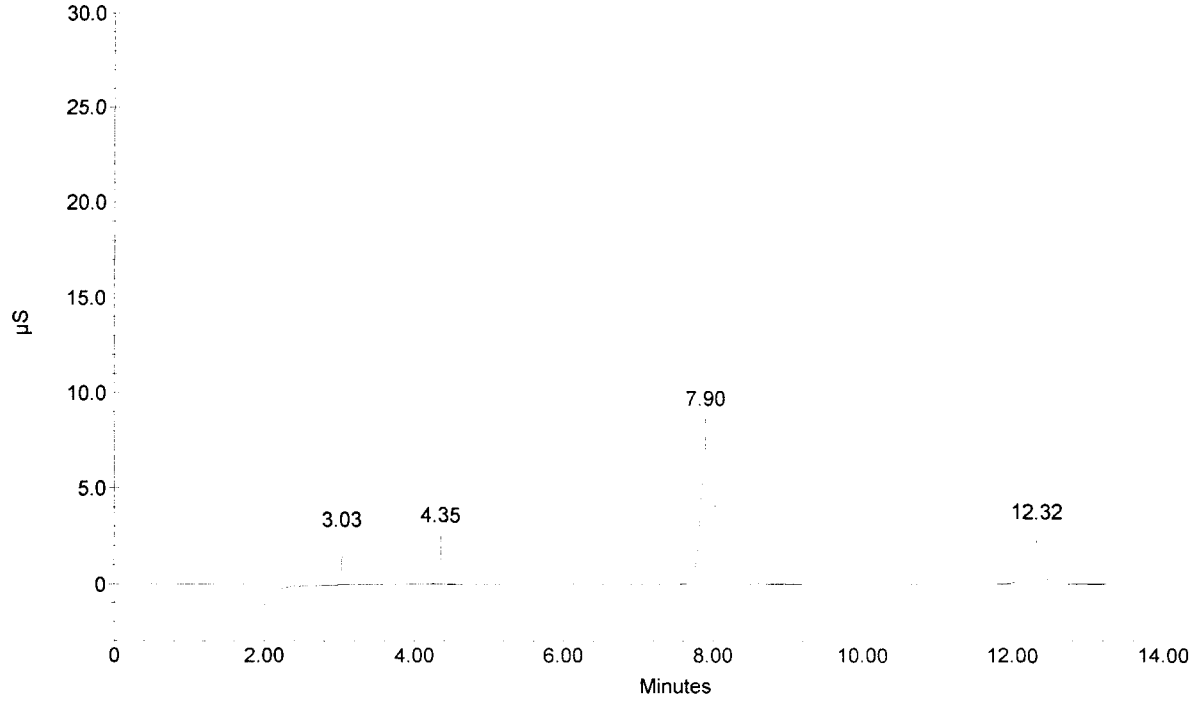
Date Time Collected : 10/18/06 6:14:53 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010141

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	3.332	460	3228	1	-1.83
2	4.35	CHLORIDE NITRITE-N BROMIDE	18.209	2516	20599	1	-3.76
3	7.90	NITRATE-N PHOSPHATE-P	282.907	63096	1072656	1	-3.66
4	12.32	SULFATE	120.726	4081	119307	1	-5.69
	0.00		---total(s)--- 425.175		1215791		

287760D DF100



Sample Name : 287760S DF100
Dilution Factor : 100.00
Injection Number : 25
Data File Name : c:\peaknet\data\061018a\061018A_025.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

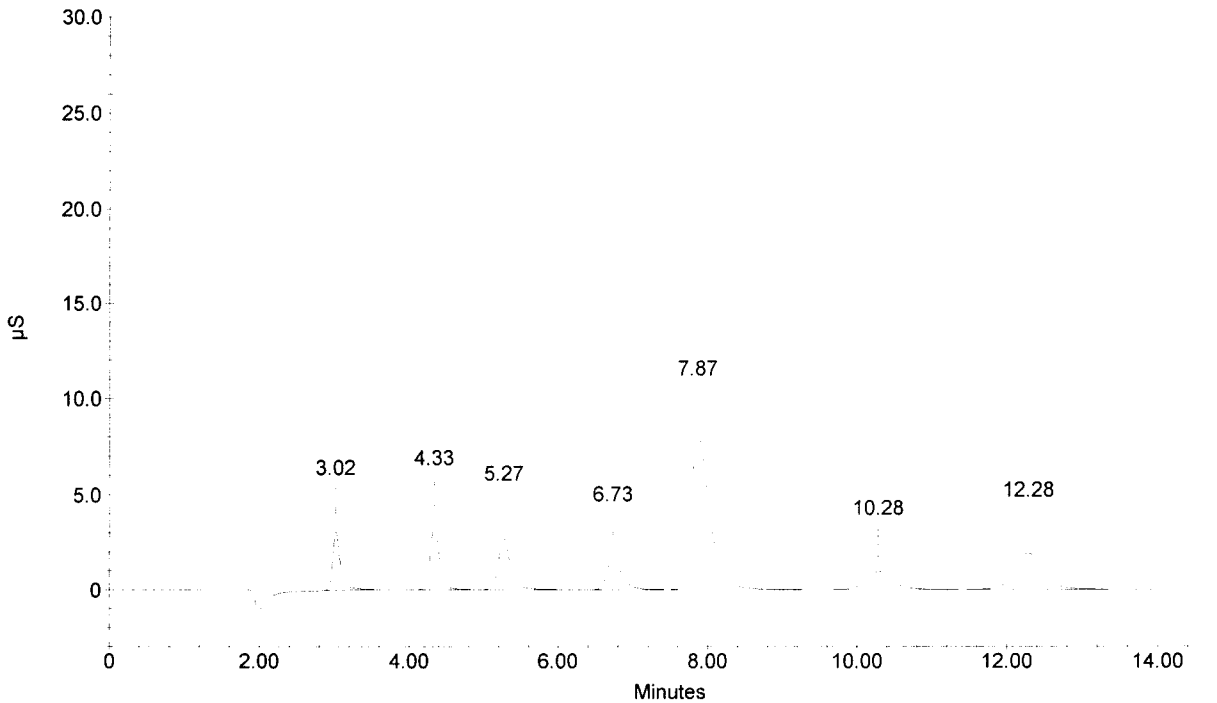
Date Time Collected : 10/18/06 6:32:32 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010142

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	99.166	30829	225893	1	-2.37
2	4.33	CHLORIDE	200.321	35586	298784	2	-4.13
3	5.27	NITRITE-N	99.052	27544	310143	2	-4.76
4	6.73	BROMIDE	393.458	17005	241232	2	-4.90
5	7.87	NITRATE-N	360.003	82243	1373058	2	-4.07
6	10.28	PHOSPHATE-P	193.559	9573	237040	2	-4.78
7	12.28	SULFATE	490.131	19270	500975	2	-5.95
	0.00		---total(s)--- 1835.689		3187124		

287760S DF100



Sample Name : 287761 DF100
Dilution Factor : 100.00
Injection Number : 26
Data File Name : c:\peaknet\data\061018a\061018A_026.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

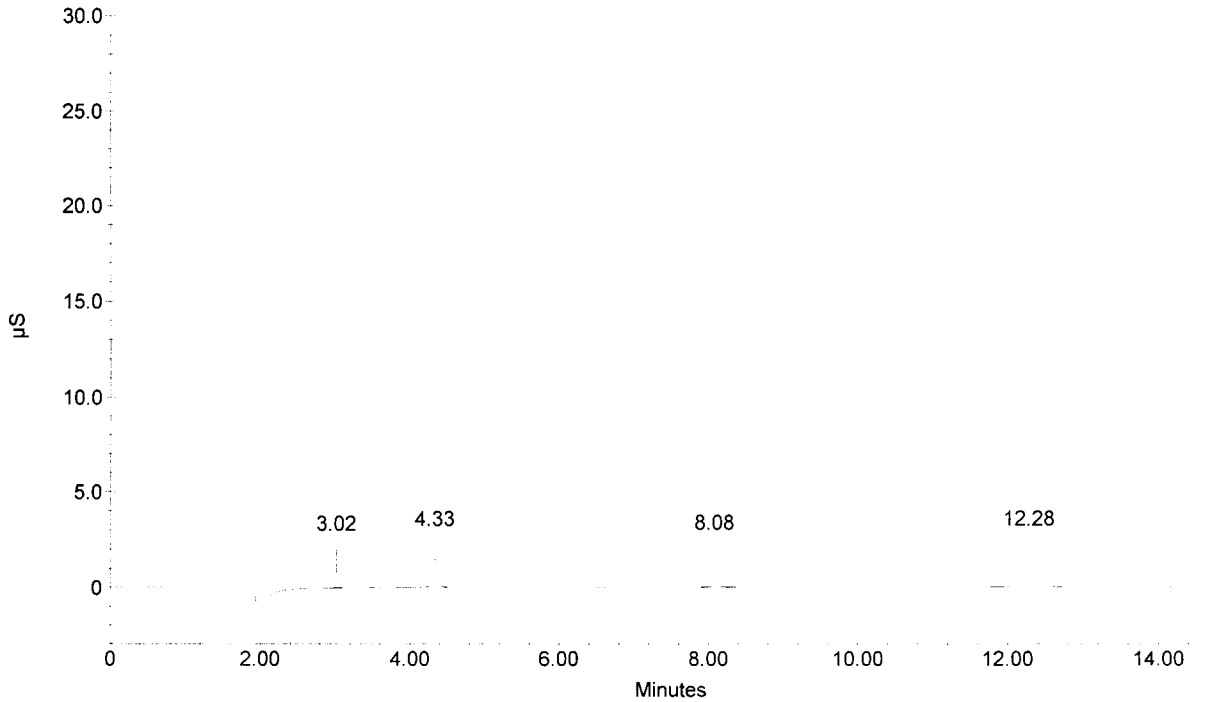
Date Time Collected : 10/18/06 6:50:11 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010143

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.843	340	2108	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	17.807	2465	19993	1	-4.13
3	8.08	NITRATE-N PHOSPHATE-P	2.269	505	8425	1	-1.42
4	12.28	SULFATE	66.526	2574	64466	1	-5.95
			---total(s)---				
	0.00		89.445		94992		

287761 DF100



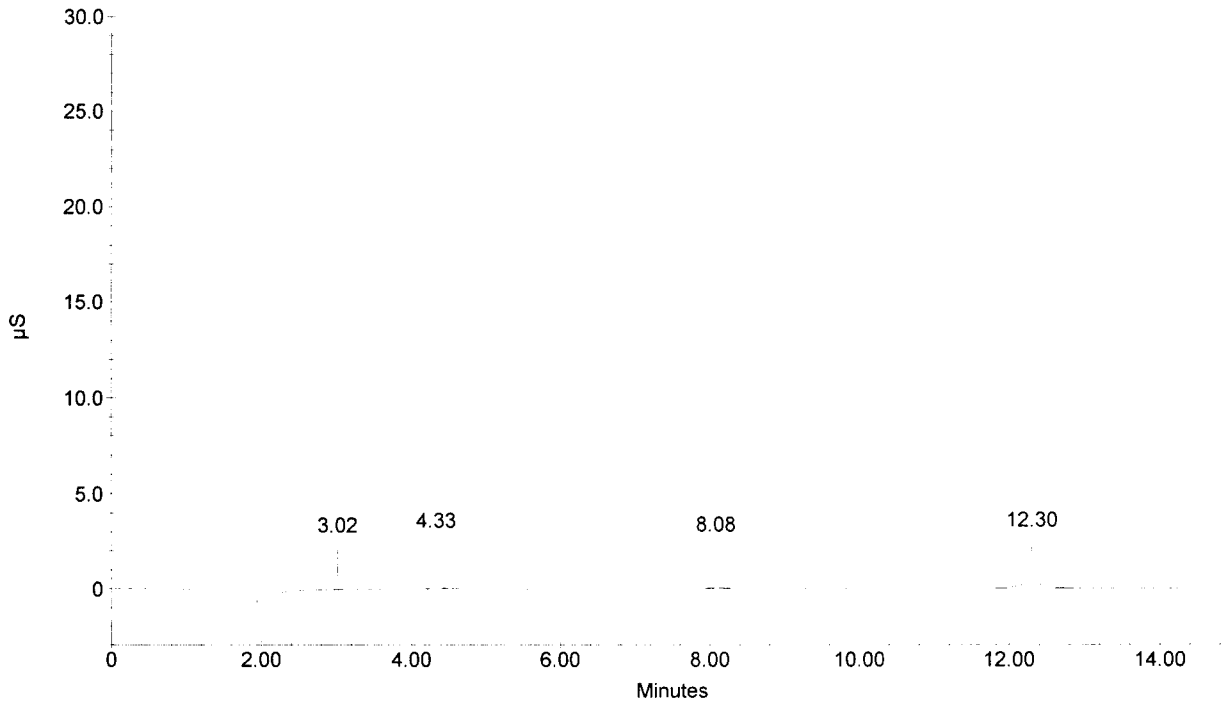
Sample Name : 287762 DF100
Dilution Factor : 100.00
Injection Number : 27
Data File Name : c:\peaknet\data\061018a\061018A_027.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 7:07:50 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.830	312	2078	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	18.057	2548	20369	1	-4.13
3	8.08	NITRATE-N PHOSPHATE-P	2.192	519	8142	1	-1.42
4	12.30	SULFATE	74.830	2731	72850	1	-5.82
	0.00		---total(s)--- 97.909		103439		

287762 DF100



Sample Name : 287763 DF100
Dilution Factor : 100.00
Injection Number : 28
Data File Name : c:\peaknet\data\061018a\061018A_028.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

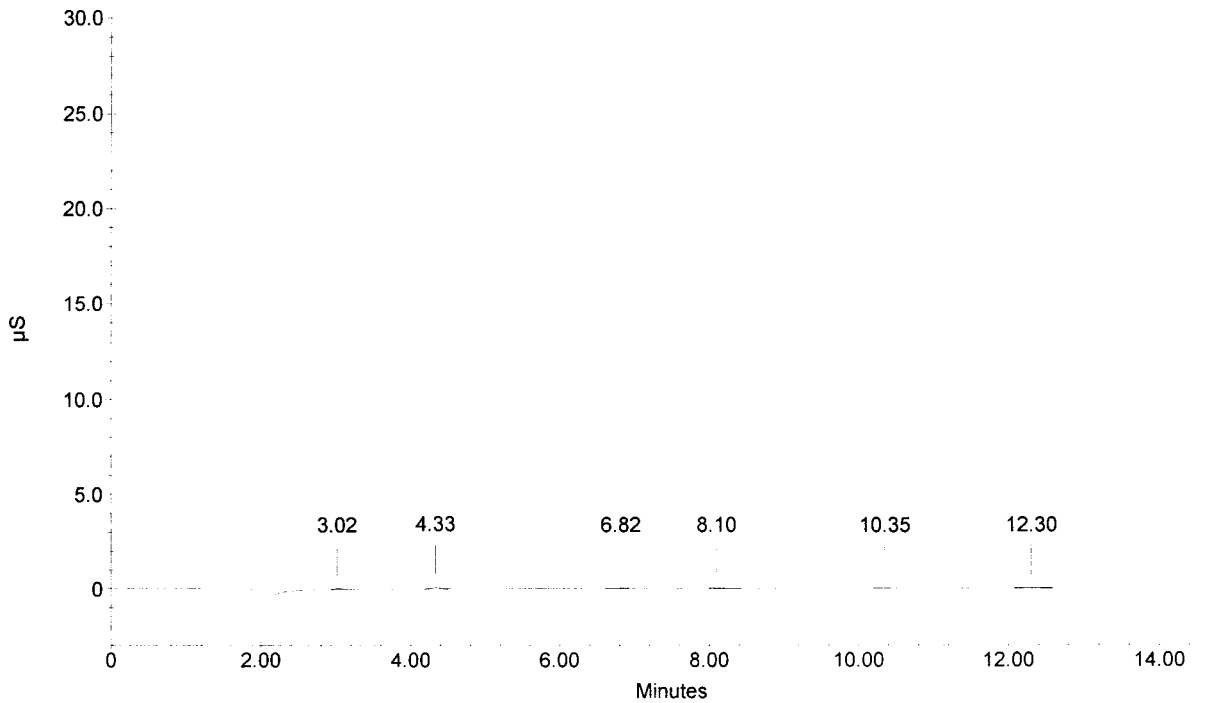
Date Time Collected : 10/18/06 7:25:29 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010145

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	3.391	538	3363	1	-2.37
2	4.33	CHLORIDE	8.936	809	6611	1	-4.13
		NITRITE-N					
3	6.82	BROMIDE	9.013	315	4414	1	-3.72
4	8.10	NITRATE-N	1.303	316	4840	1	-1.22
5	10.35	PHOSPHATE-P	4.753	154	3134	1	-4.17
6	12.30	SULFATE	9.294	303	6865	1	-5.82
	0.00		---total(s)--- 36.690		29227		

287763 DF100



Sample Name : 286166 DF50
Dilution Factor : 50.00
Injection Number : 29
Data File Name : ...\061018A_029.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

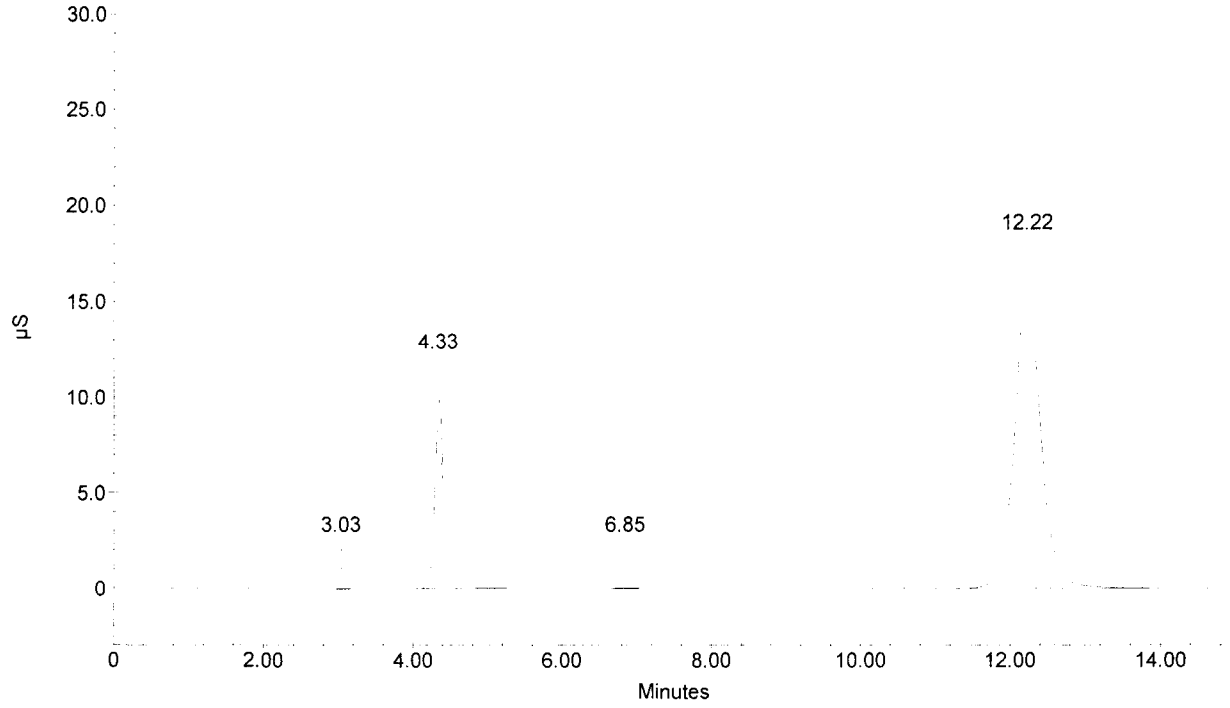
Date Time Collected : 10/18/06 7:43:08 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010146

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.368	221	1863	1	-1.83
2	4.33	CHLORIDE NITRITE-N	261.667	96149	809711	1	-4.13
3	6.85	BROMIDE NITRATE-N PHOSPHATE-P	2.101	101	1492	1	-3.25
4	12.22	SULFATE	1576.521	157806	3860936	1	-6.46
	0.00		---total(s)--- 1841.657		4674003		

286166 DF50



Sample Name : 286167 DF50
Dilution Factor : 50.00
Injection Number : 30
Data File Name : c:\peaknet\data\061018a\061018A_030.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

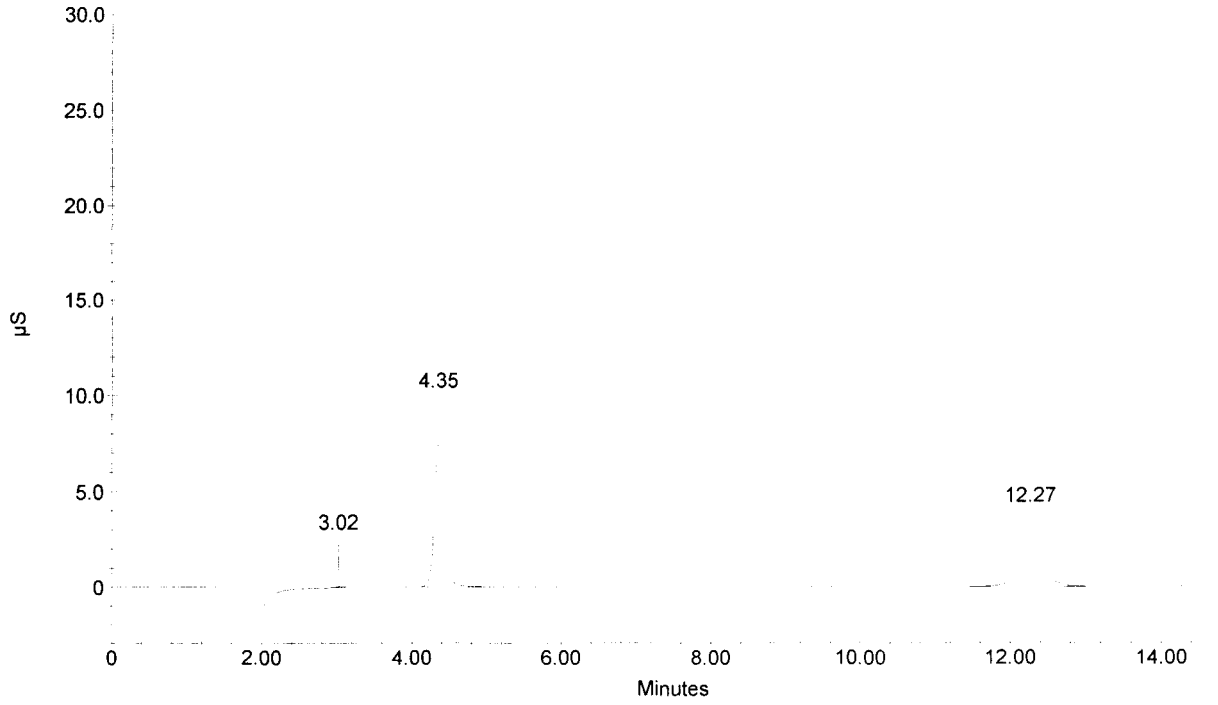
Date Time Collected : 10/18/06 8:00:47 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010147

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.737	576	3553	1	-2.37
2	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	199.126	73946	609063	1	-3.76
3	12.27	SULFATE	183.889	14502	372988	1	-6.07
		---total(s)---					
	0.00		384.752		985605		

286167 DF50



010148

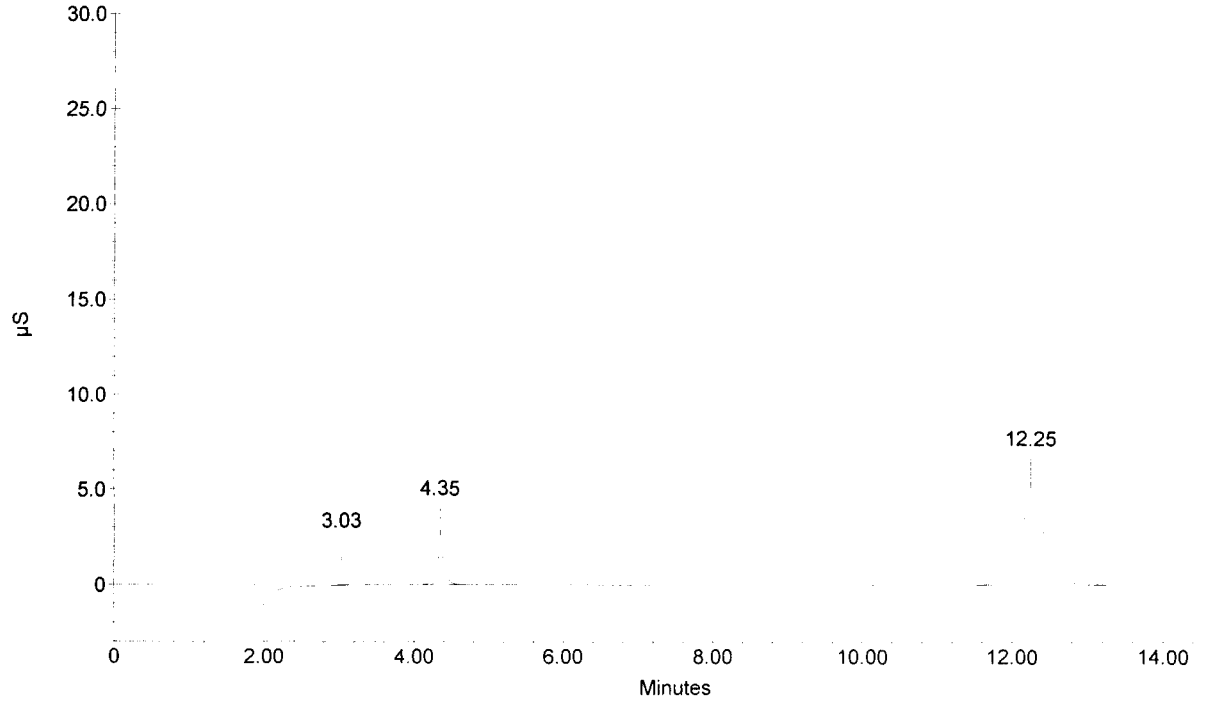
Sample Name : 286168 DF50
Dilution Factor : 50.00
Injection Number : 31
Data File Name : c:\peaknet\data\061018a\061018A_031.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 8:18:26 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.604	436	2945	1	-1.83
2	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	48.851	16873	141204	1	-3.76
3	12.25	SULFATE	521.370	43284	1100399	1	-6.20
	0.00		---total(s)--- 571.825		1244548		

286168 DF50



Sample Name : 286169 DF50
Dilution Factor : 50.00
Injection Number : 32
Data File Name : ...\061018A_032.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

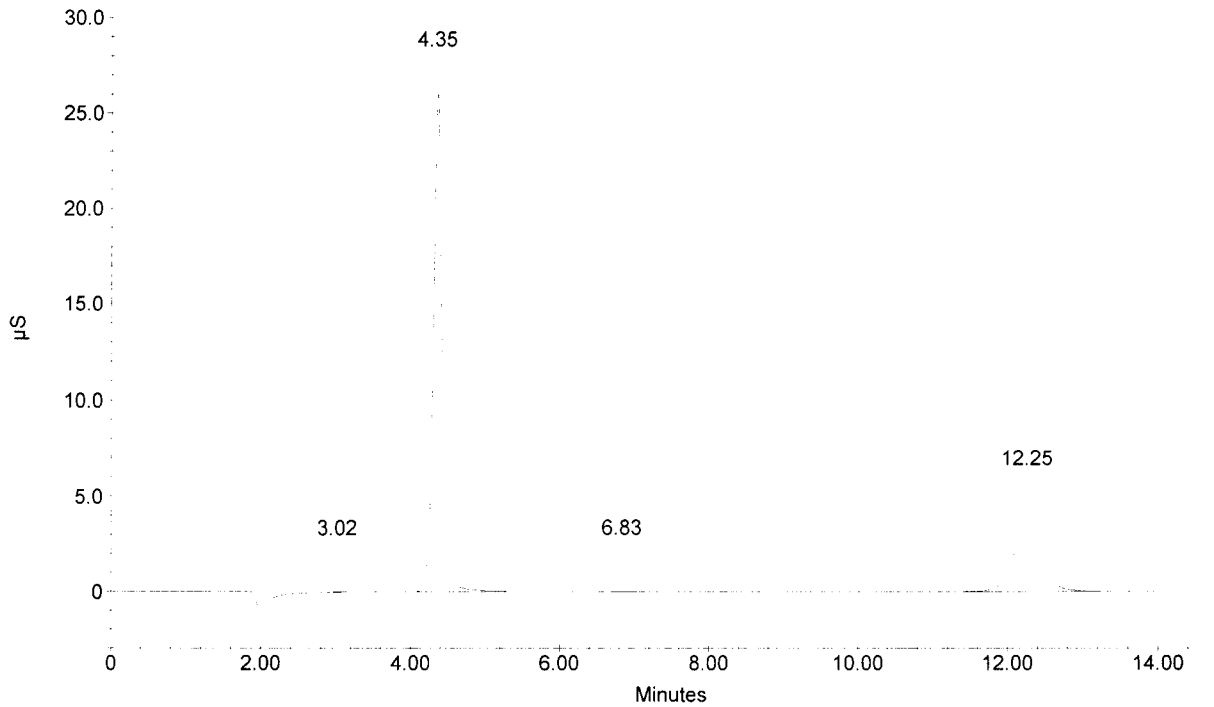
Date Time Collected : 10/18/06 8:36:06 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010149

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.376	269	1901	1	-2.37
2	4.35	CHLORIDE NITRITE-N	631.309	254914	2080955	1	-3.76
3	6.83	BROMIDE NITRATE-N PHOSPHATE-P	2.765	174	2298	1	-3.48
4	12.25	SULFATE	439.212	36184	918300	1	-6.20
	0.00		---total(s)--- 1074.662		3003454		

286169 DF50



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 33
Data File Name : c:\peaknet\data\061018a\061018A_033.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

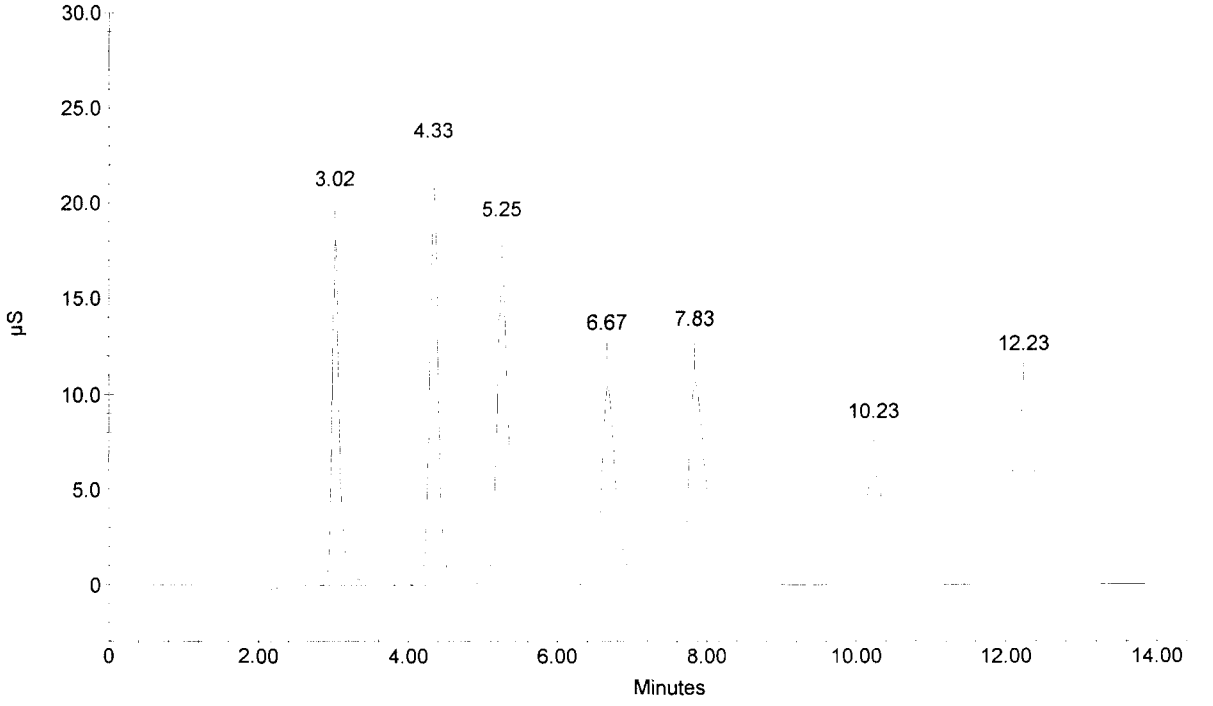
Date Time Collected : 10/18/06 8:53:45 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010150

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.963	179413	1275117	2	-2.37
2	4.33	CHLORIDE	211.747	204850	1714147	2	-4.13
3	5.25	NITRITE-N	110.256	163107	1864275	2	-5.06
4	6.67	BROMIDE	424.342	104112	1403874	2	-5.84
5	7.83	NITRATE-N	93.516	106062	1798459	2	-4.47
6	10.23	PHOSPHATE-P	204.215	57824	1342900	2	-5.25
7	12.23	SULFATE	412.475	93033	2319030	2	-6.33
	0.00		---total(s)--- 1560.514		11717804		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 34
Data File Name : c:\peaknet\data\061018a\061018A_034.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

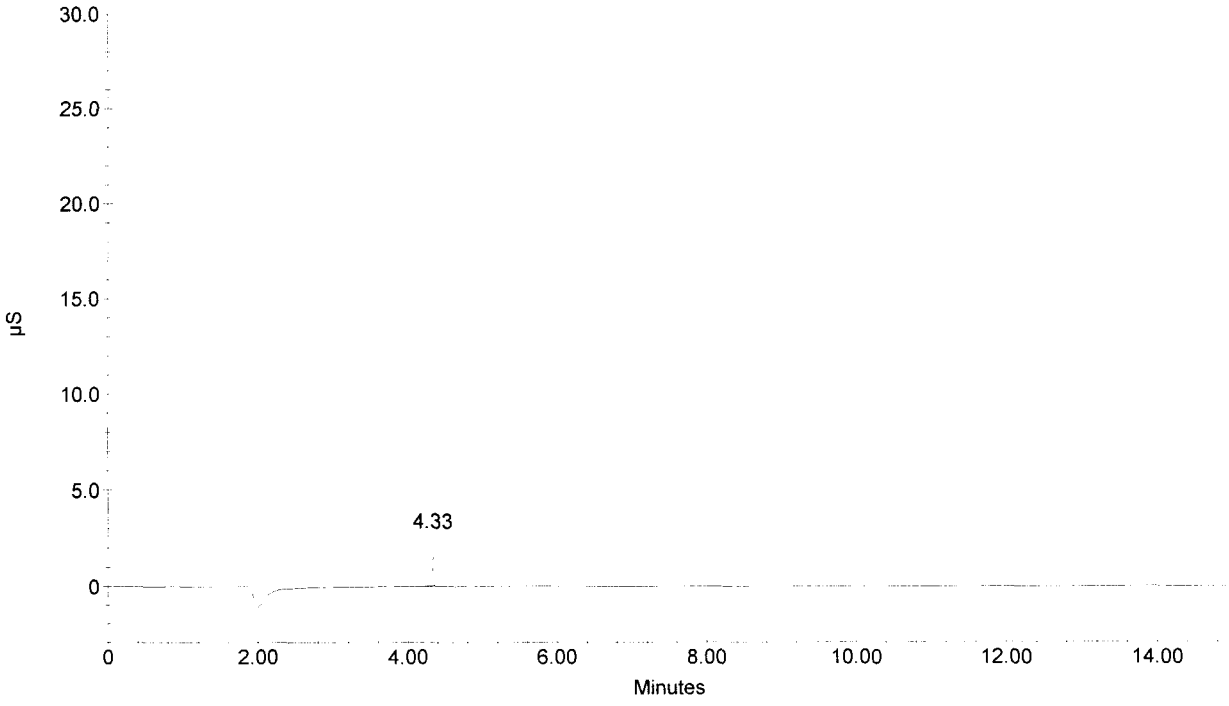
Date Time Collected : 10/18/06 9:11:26 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010151

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.33	CHLORIDE	0.064	359	2756	1	-4.13
1	4.33	CHLORIDE	0.064	359	2756	1	-4.13
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
	0.00		0.128		5512		

CCB



Sample Name : 287760 DF5
Dilution Factor : 5.00
Injection Number : 35
Data File Name : c:\peaknet\data\061018a\061018A_035.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

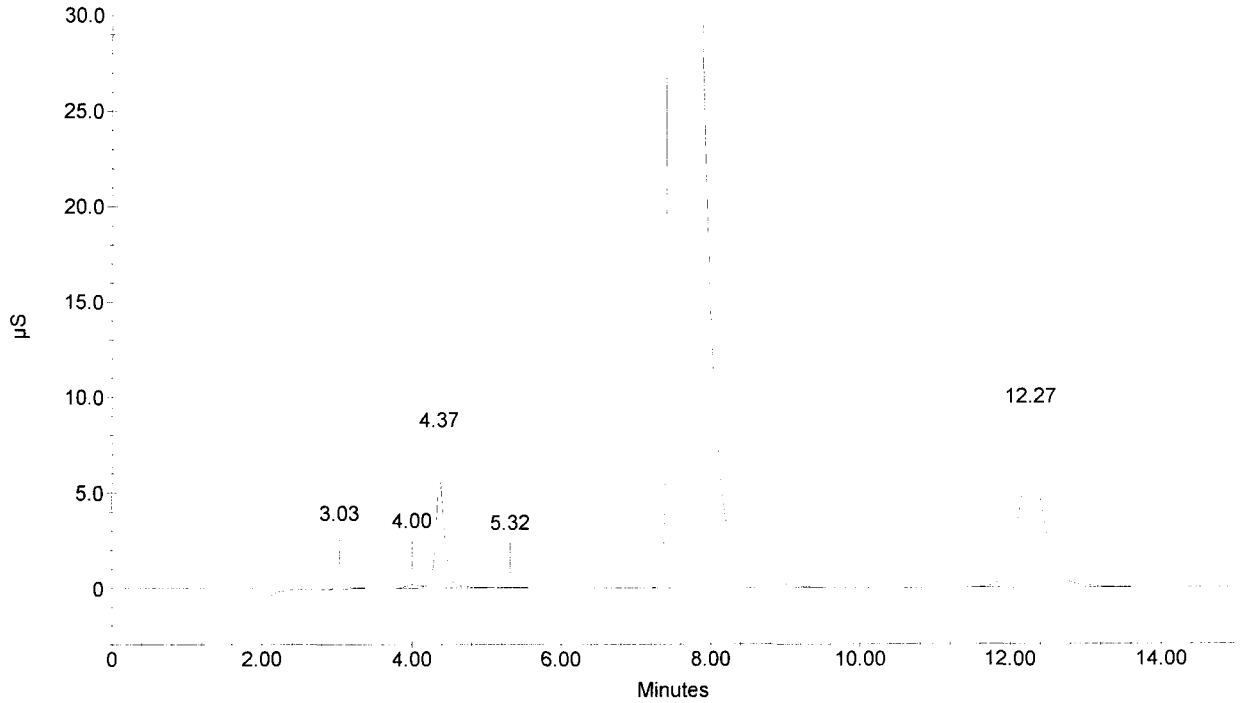
Date Time Collected : 10/18/06 9:29:05 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010152

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.203	6085	50878	1	-1.83
3	4.37	CHLORIDE	15.850	54336	480665	3	-3.39
4	5.32	NITRITE-N	0.198	479	6021	4	-3.86
5	7.50	BROMIDE NITRATE-N PHOSPHATE-P	-1867.373	1524604	29699032	1	5.93
6	12.27	SULFATE	77.471	66762	1685197	1	-6.07
	0.00	---total(s)---	-1772.651		31921792		

287760 DF5



Sample Name : 287760D DF5
Dilution Factor : 5.00
Injection Number : 36
Data File Name : c:\peaknet\data\061018a\061018A_036.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

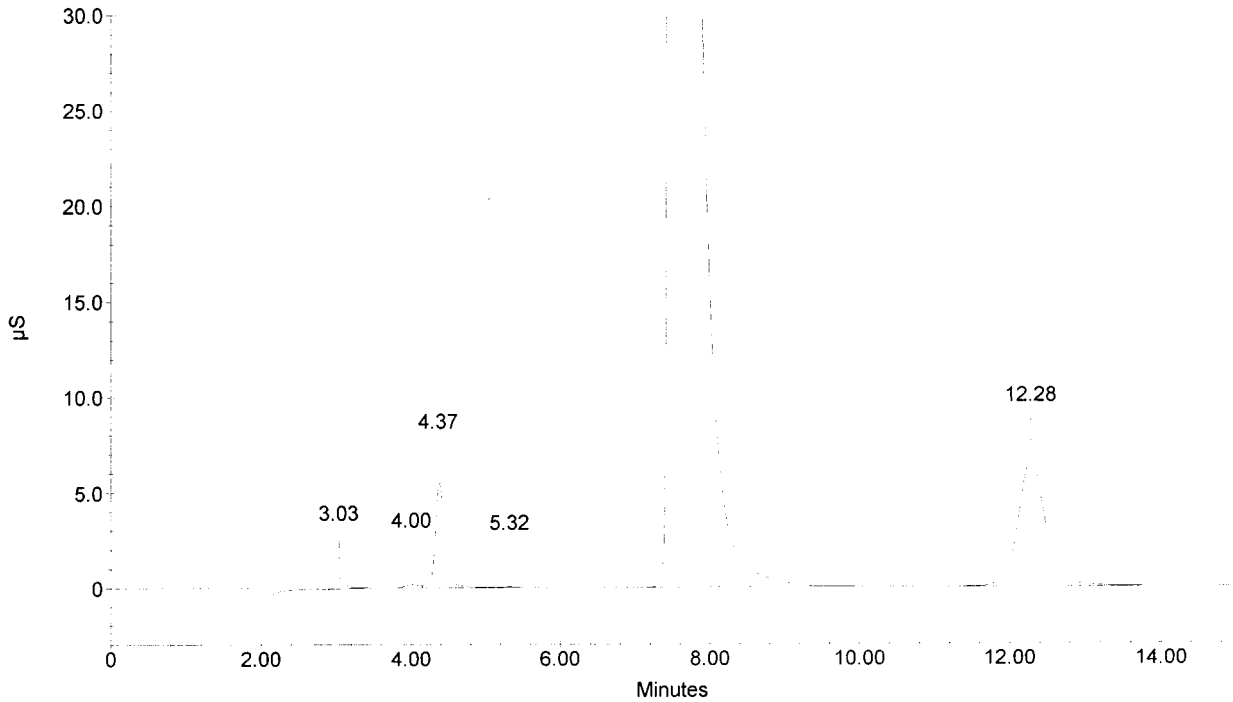
Date Time Collected : 10/18/06 9:46:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010153

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.203	6085	50879	1	-1.83
3	4.37	CHLORIDE	15.986	53507	484925	3	-3.39
4	5.32	NITRITE-N	0.196	482	5890	4	-3.86
5	7.52	BROMIDE NITRATE-N PHOSPHATE-P	-1913.731	1535484	29920616	1	6.17
6	12.28	SULFATE	77.884	66996	1695047	1	-5.95
	0.00	---total(s)---	-1818.463		32157357		

287760D DF5



Sample Name : 287760S DF5
Dilution Factor : 5.00
Injection Number : 37
Data File Name : c:\peaknet\data\061018a\061018A_037.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

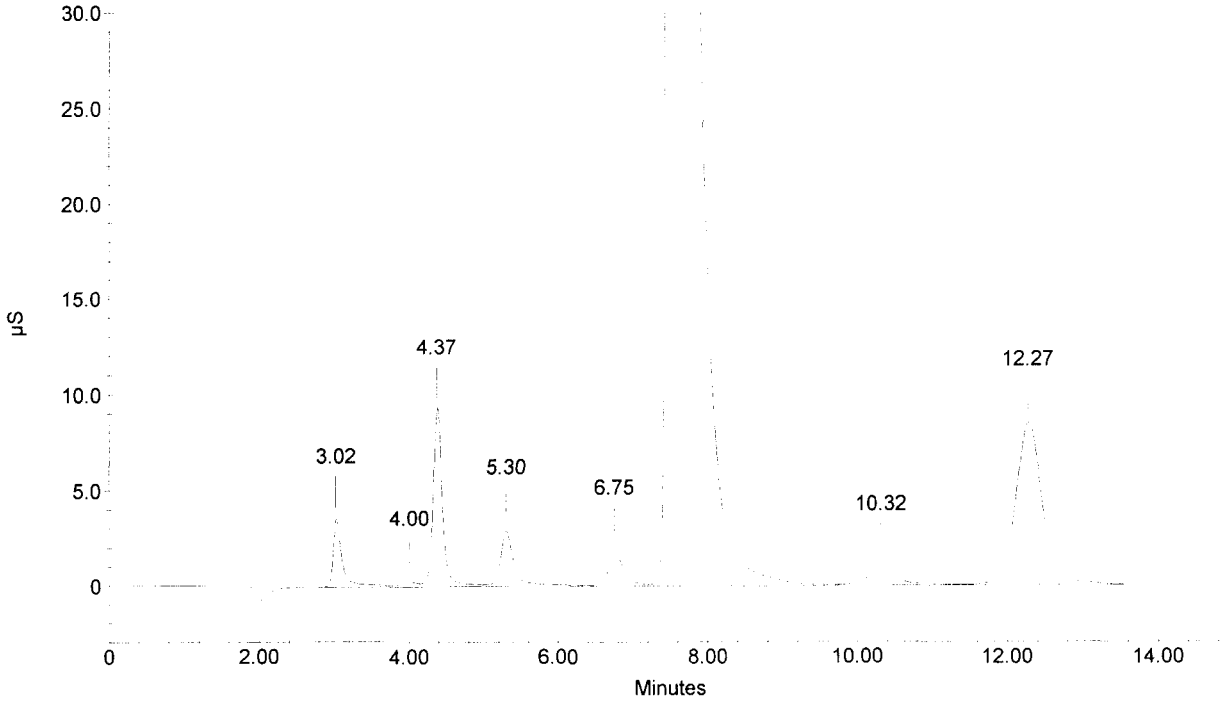
Date Time Collected : 10/18/06 10:04:22 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010154

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	6.708	34937	308751	2	-2.37
3	4.37	CHLORIDE	26.637	91653	824938	2	-3.39
4	5.30	NITRITE-N	6.152	29104	388142	2	-4.16
5	6.75	BROMIDE	22.138	18461	272101	2	-4.66
6	7.52	NITRATE-N	171.479	1534112	29830062	2	-8.33
7	10.32	PHOSPHATE-P	10.871	9660	267033	2	-4.48
8	12.27	SULFATE	96.525	84667	2151560	2	-6.07
	0.00		---total(s)--- 340.510		34042587		

287760S DF5



Sample Name : 287761
Dilution Factor : 1.00
Injection Number : 38
Data File Name : c:\peaknet\data\061018a\061018A_038.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

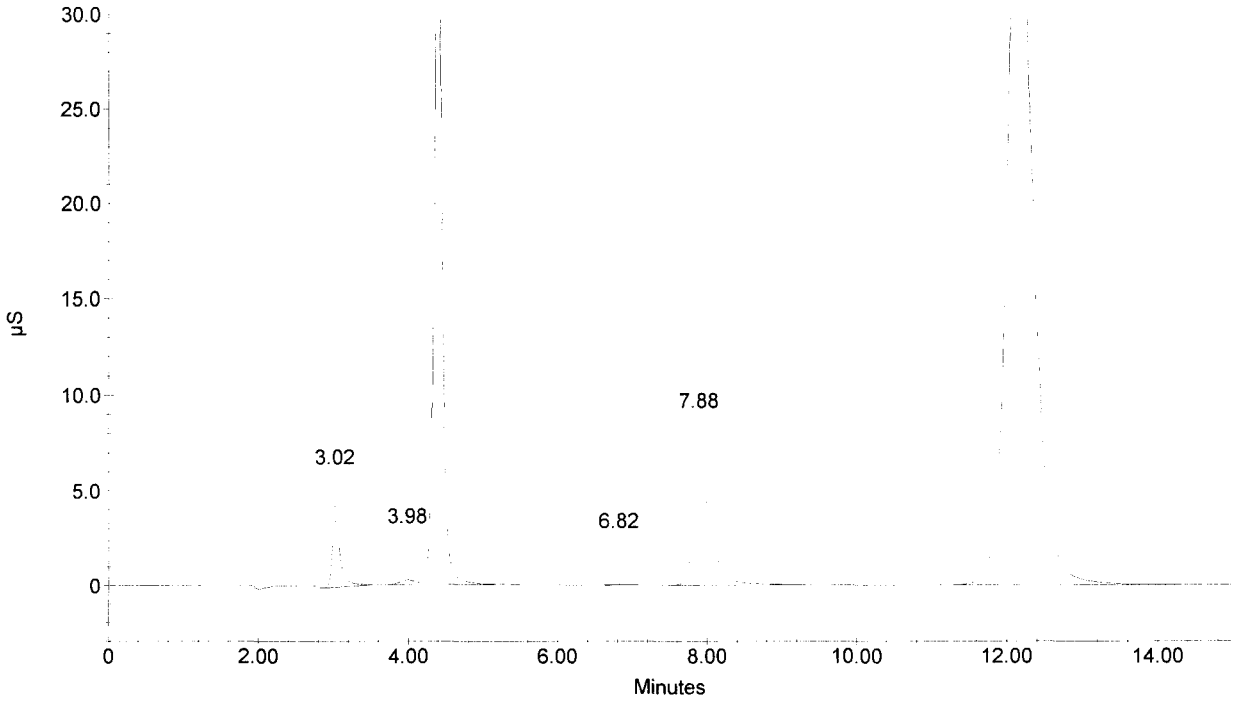
Date Time Collected : 10/18/06 10:22:03 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010155

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.187	35072	272066	1	-2.37
3	4.40	CHLORIDE	16.287	364941	2777364	2	-2.65
		NITRITE-N					
4	6.82	BROMIDE	0.096	334	4776	1	-3.72
5	7.88	NITRATE-N	2.813	63160	1066396	1	-3.86
		PHOSPHATE-P					
6	12.15	SULFATE	52.247	384471	9328452	1	-6.97
			---total(s)---				
	0.00		72.629		13449055		

287761



Sample Name : 287762
Dilution Factor : 1.00
Injection Number : 39
Data File Name : c:\peaknet\data\061018a\061018A_039.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

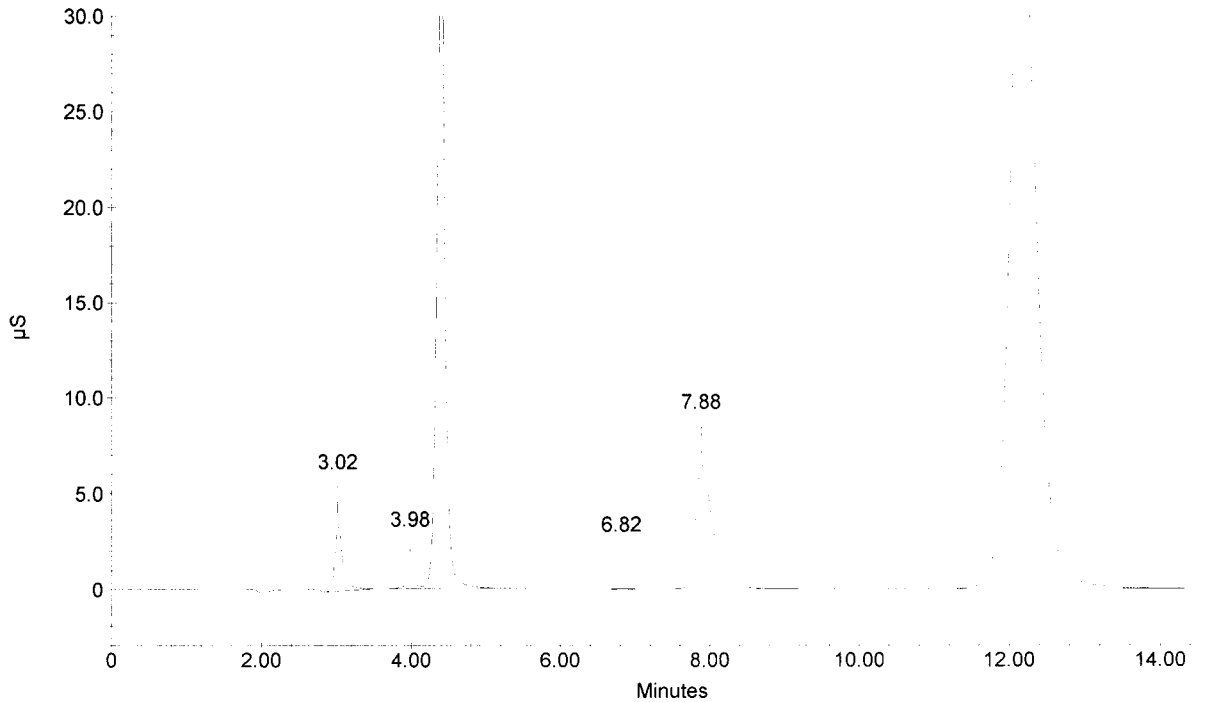
Date Time Collected : 10/18/06 10:39:42 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010156

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.139	33682	260691	1	-2.37
3	4.40	CHLORIDE	15.435	344130	2610647	2	-2.65
		NITRITE-N					
4	6.82	BROMIDE	0.086	300	4140	1	-3.72
5	7.88	NITRATE-N	2.807	63836	1064209	1	-3.86
		PHOSPHATE-P					
6	12.15	SULFATE	52.282	386016	9357461	1	-6.97
			---total(s)---				
	0.00		71.749		13297148		

287762



Sample Name : 287763
Dilution Factor : 1.00
Injection Number : 40
Data File Name : c:\peaknet\data\061018a\061018A_040.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

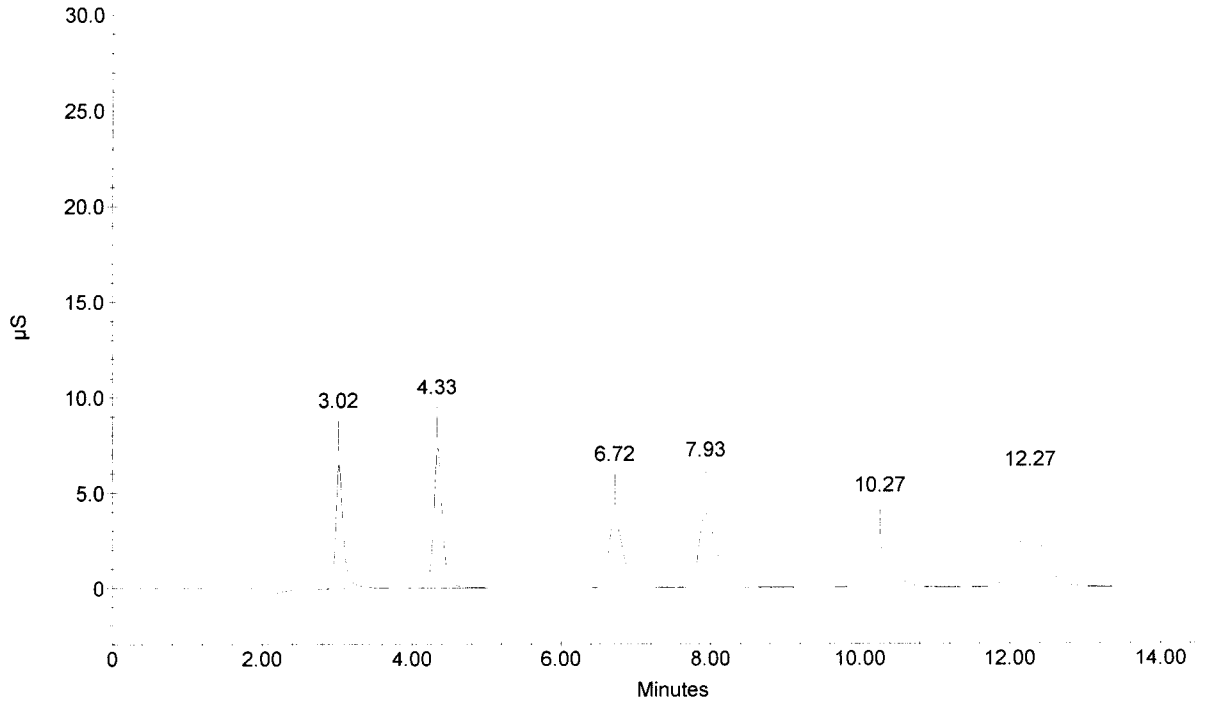
Date Time Collected : 10/18/06 10:57:21 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010157

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.992	65017	464943	1	-2.37
2	4.33	CHLORIDE	3.953	71906	604373	1	-4.13
		NITRITE-N					
3	6.72	BROMIDE	8.218	36786	513469	2	-5.13
4	7.93	NITRATE-N	1.749	38836	657835	2	-3.25
5	10.27	PHOSPHATE-P	3.902	20469	487215	2	-4.94
6	12.27	SULFATE	8.293	33736	864500	2	-6.07
	0.00		---total(s)--- 28.107		3592335		

287763



Sample Name : 286166 DF100
Dilution Factor : 100.00
Injection Number : 41
Data File Name : c:\peaknet\data\061018a\061018A_041.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

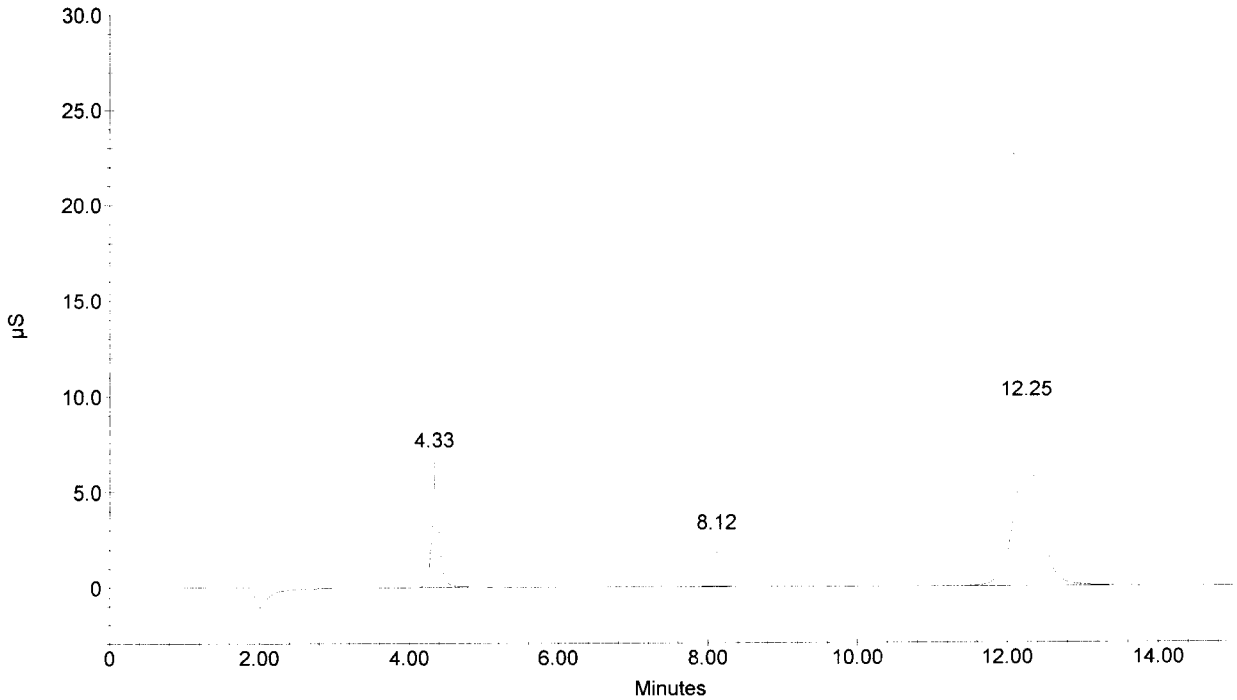
Date Time Collected : 10/18/06 11:15:00 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010158

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.33	CHLORIDE	245.597	43336	369008	1	-4.13
1	4.33	CHLORIDE NITRITE-N BROMIDE	245.597	43336	369008	1	-4.13
2	8.12	NITRATE-N PHOSPHATE-P	0.784	189	2912	1	-1.02
3	12.25	SULFATE	1594.274	69651	1738828	1	-6.20
	0.00		---total(s)--- 2086.251		2479755		

286166 DF100



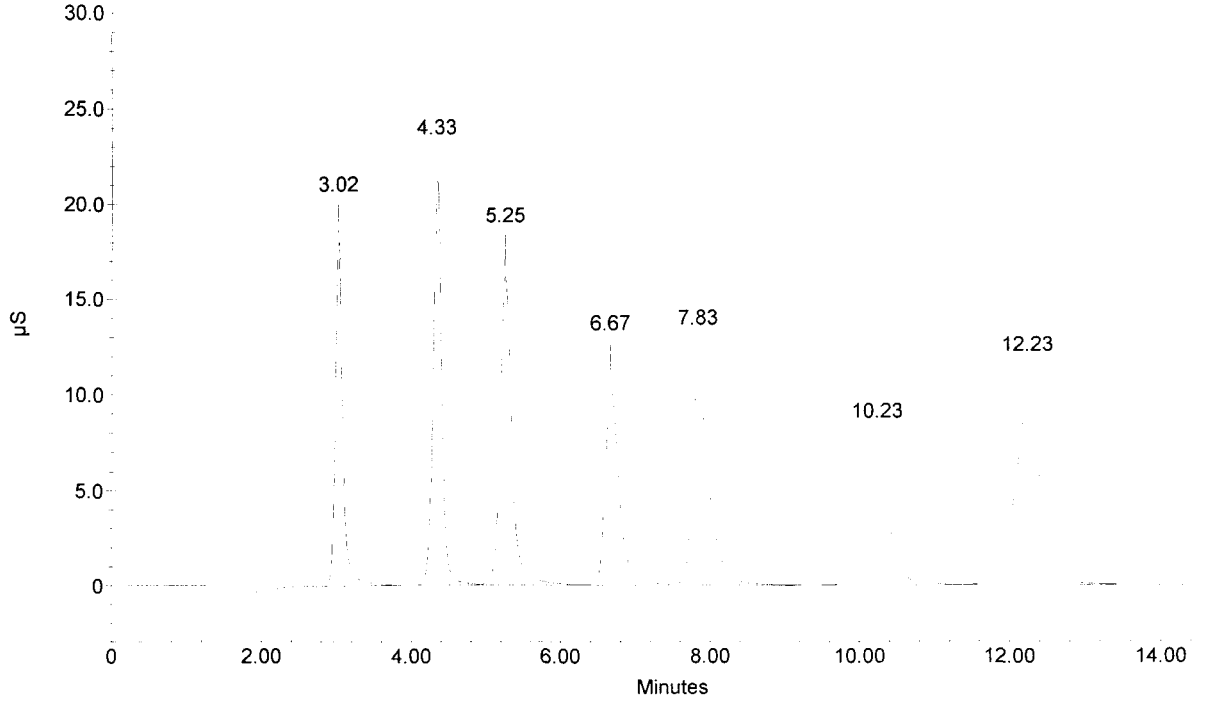
Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 42
Data File Name : c:\peaknet\data\061018a\061018A_042.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 11:32:39 PM **010159**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.357	177140	1254060	1	-2.37
2	4.33	CHLORIDE	211.796	206540	1714585	2	-4.13
3	5.25	NITRITE-N	106.744	160263	1800799	2	-5.06
4	6.67	BROMIDE	415.397	103651	1371368	2	-5.84
5	7.83	NITRATE-N	91.720	106268	1762667	2	-4.47
6	10.23	PHOSPHATE-P	199.788	57300	1311327	2	-5.25
7	12.23	SULFATE	409.665	92425	2301027	2	-6.33
	0.00		---total(s)--- 1537.468		11515834		

CCV



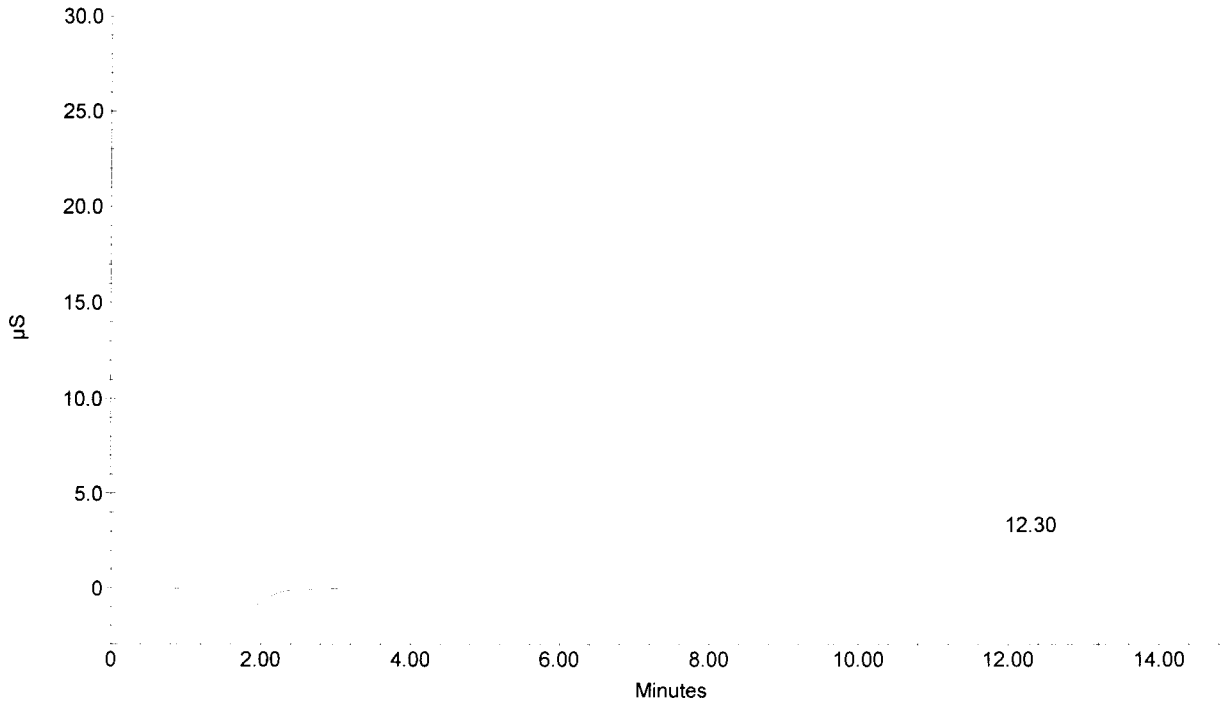
Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 43
Data File Name : c:\peaknet\data\061018a\061018A_043.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 11:50:19 PM **010160**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	12.30	SULFATE CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	0.036	66	1105	1	-5.82
1	12.30	SULFATE	0.036	66	1105	1	-5.82
	0.00	---total(s)---	0.071		2210		

CCB



Sample Name : 286222
Dilution Factor : 1.00
Injection Number : 44
Data File Name : c:\peaknet\data\061018a\061018A_044.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

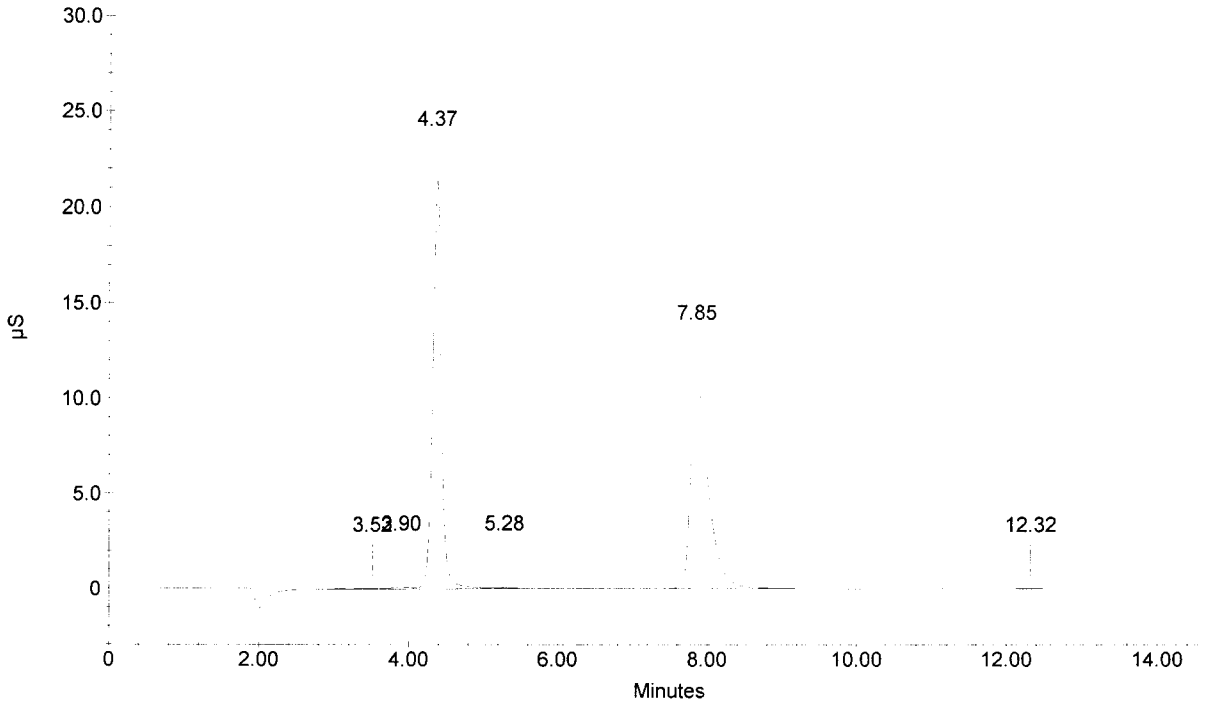
Date Time Collected : 10/19/06 12:07:59 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010161

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.52		0.000	512	17545	2	
3	4.37	CHLORIDE	10.594	212403	1715339	3	-3.39
4	5.28	NITRITE-N BROMIDE	0.045	684	7841	4	-4.46
5	7.85	NITRATE-N PHOSPHATE-P	4.755	111269	1829930	1	-4.27
6	12.32	SULFATE	0.051	135	2661	1	-5.69
	0.00		---total(s)--- 15.445		3573315		

286222



Sample Name : 286223
Dilution Factor : 1.00
Injection Number : 45
Data File Name : c:\peaknet\data\061018a\061018A_045.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

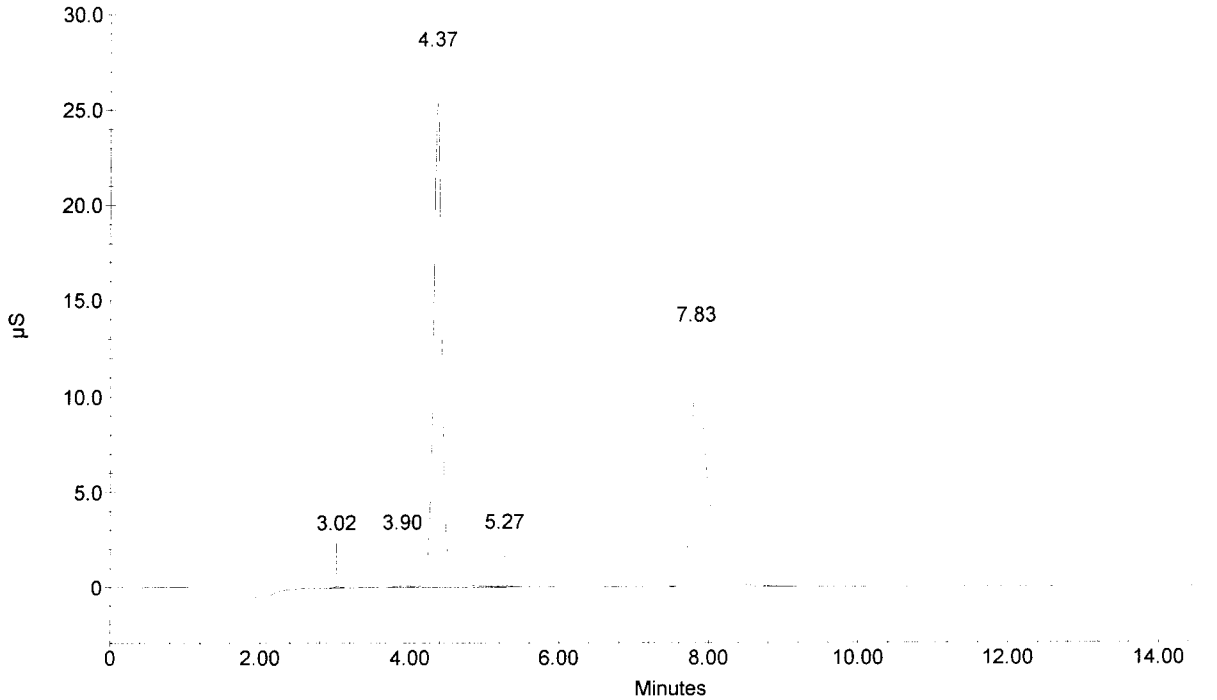
Date Time Collected : 10/19/06 12:25:37 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010162

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.042	785	5174	1	-2.37
3	4.37	CHLORIDE	12.254	253474	2012989	3	-3.39
4	5.27	NITRITE-N BROMIDE	0.058	970	11719	4	-4.76
5	7.83	NITRATE-N PHOSPHATE-P SULFATE	4.653	108789	1789477	1	-4.47
	0.00		---total(s)--- 17.007		3819359		

286223



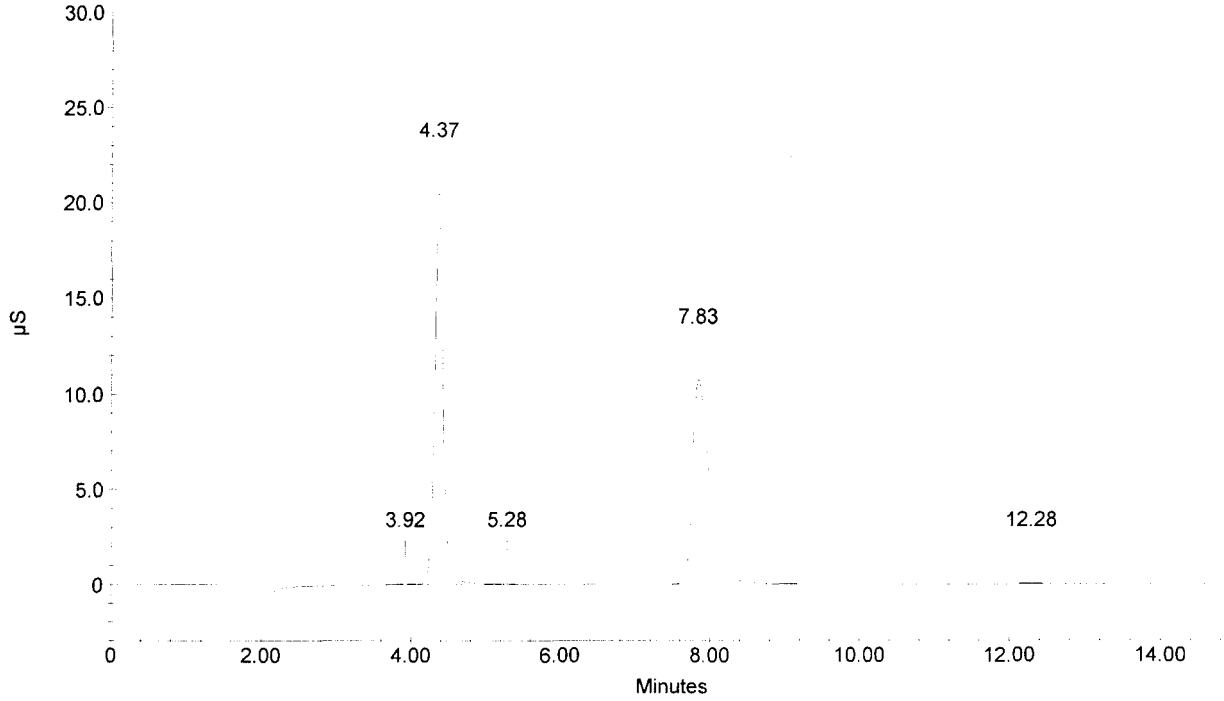
Sample Name : 287406
Dilution Factor : 1.00
Injection Number : 46
Data File Name : c:\peaknet\data\061018a\061018A_046.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 12:43:16 AM
System Name : Dx-500
Detector Name : Conductivity Detector **010163**
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.92		0.000	676	9456	2	
2	4.37	CHLORIDE	10.123	204600	1632509	3	-3.39
3	5.28	NITRITE-N BROMIDE	0.043	620	7224	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	4.596	106826	1766720	1	-4.47
5	12.28	SULFATE	0.040	77	1596	1	-5.95
	0.00		---total(s)--- 14.803		3417505		

287406



010164

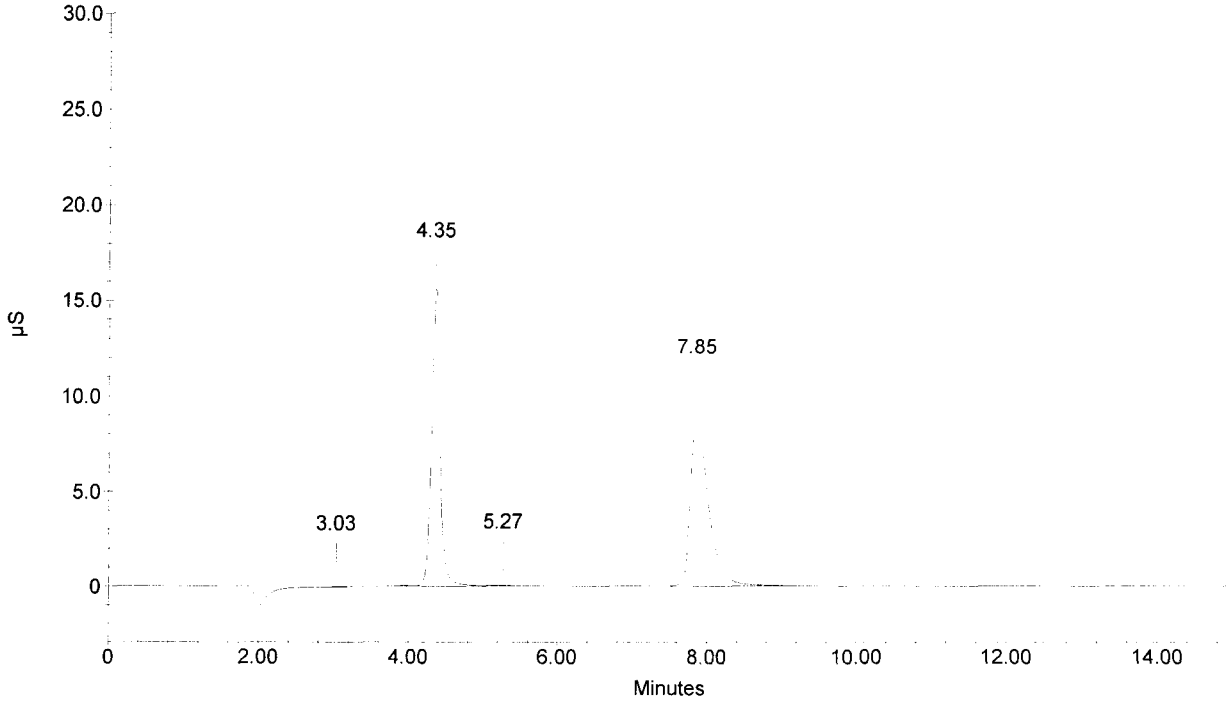
Sample Name : 287407
Dilution Factor : 1.00
Injection Number : 47
Data File Name : c:\peaknet\data\061018a\061018A_047.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 1:00:55 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.030	255	2356	1	-1.83
2	4.35	CHLORIDE	7.962	153482	1260763	3	-3.76
3	5.27	NITRITE-N BROMIDE	0.038	510	5584	4	-4.76
4	7.85	NITRATE-N PHOSPHATE-P SULFATE	3.991	92191	1526946	1	-4.27
	0.00		---total(s)--- 12.021		2795650		

287407



Sample Name : 288097
Dilution Factor : 1.00
Injection Number : 48
Data File Name : c:\peaknet\data\061018a\061018A_048.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

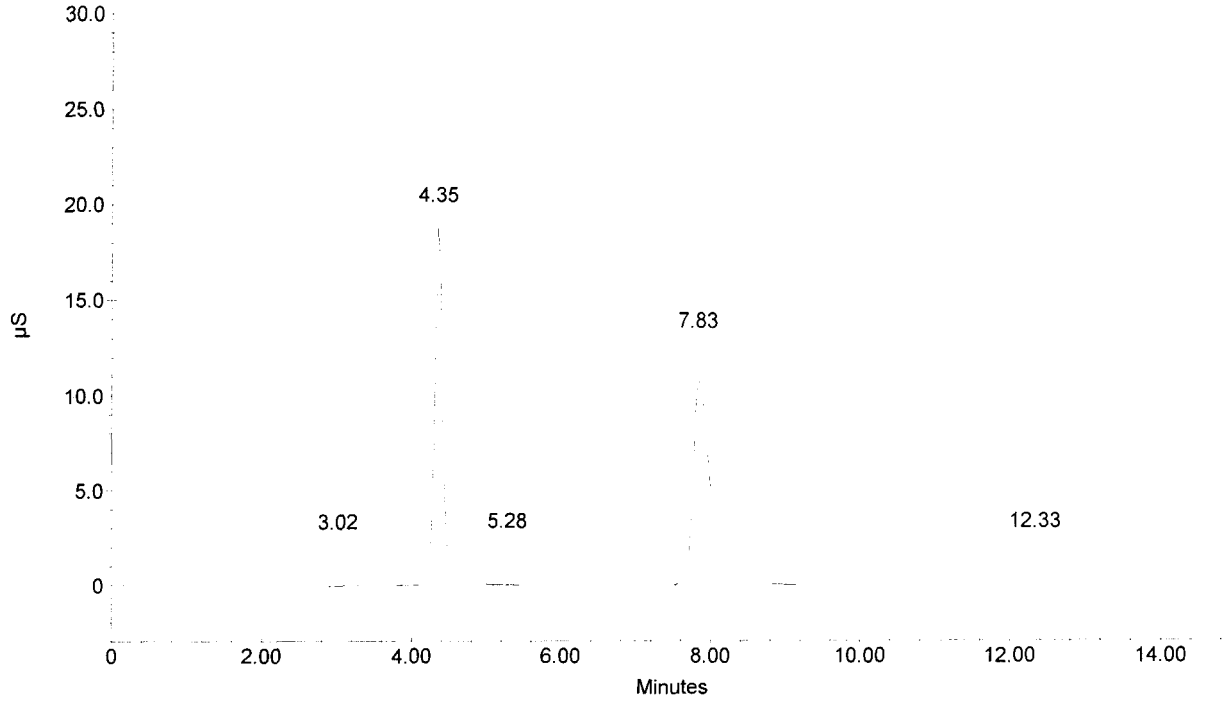
Date Time Collected : 10/19/06 1:18:34 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010165

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.029	265	2241	1	-2.37
2	4.35	CHLORIDE	8.938	171350	1426936	3	-3.76
3	5.28	NITRITE-N BROMIDE	0.038	452	5523	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	4.569	105529	1755875	1	-4.47
5	12.33	SULFATE	0.043	110	1822	1	-5.56
	0.00		---total(s)--- 13.616		3192398		

288097



Sample Name : 288098
Dilution Factor : 1.00
Injection Number : 49
Data File Name : c:\peaknet\data\061018a\061018A_049.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

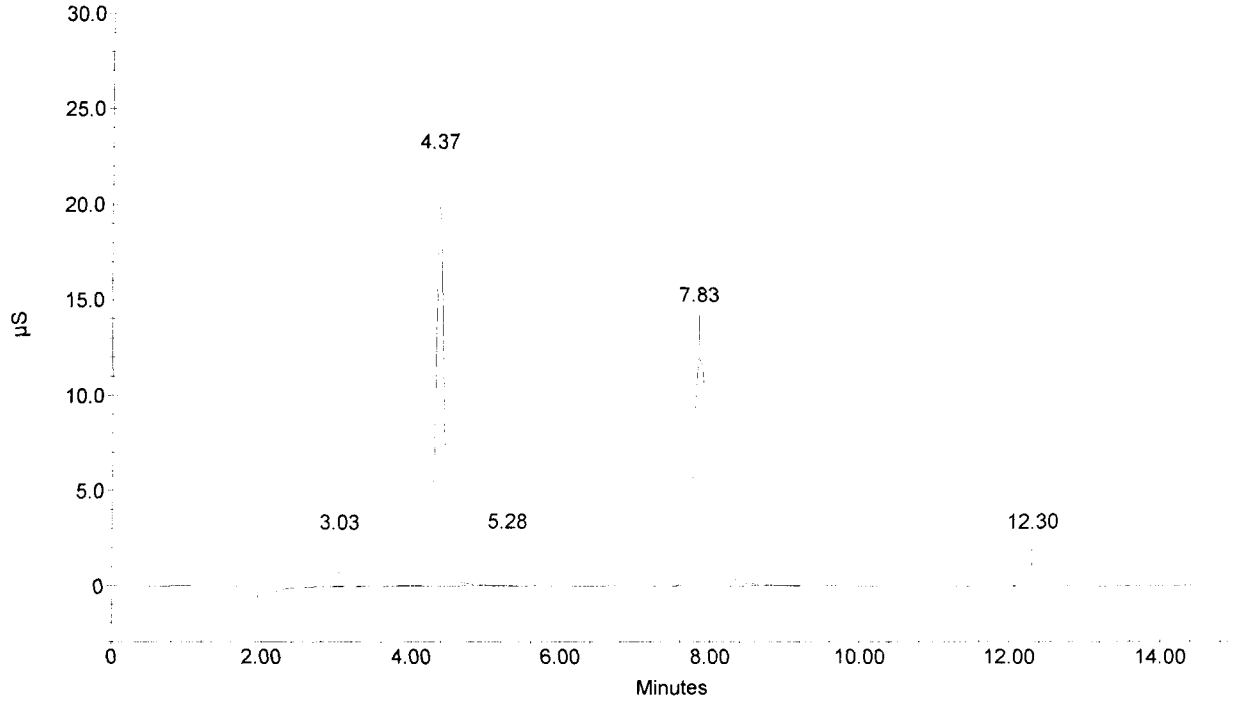
Date Time Collected : 10/19/06 1:36:13 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010166

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.032	253	2976	1	-1.83
2	4.37	CHLORIDE	9.930	199226	1598723	3	-3.39
3	5.28	NITRITE-N BROMIDE	0.035	409	4491	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	5.107	118966	1970895	1	-4.47
5	12.30	SULFATE	0.041	96	1685	1	-5.82
			---total(s)---				
	0.00		15.145		3578770		

288098



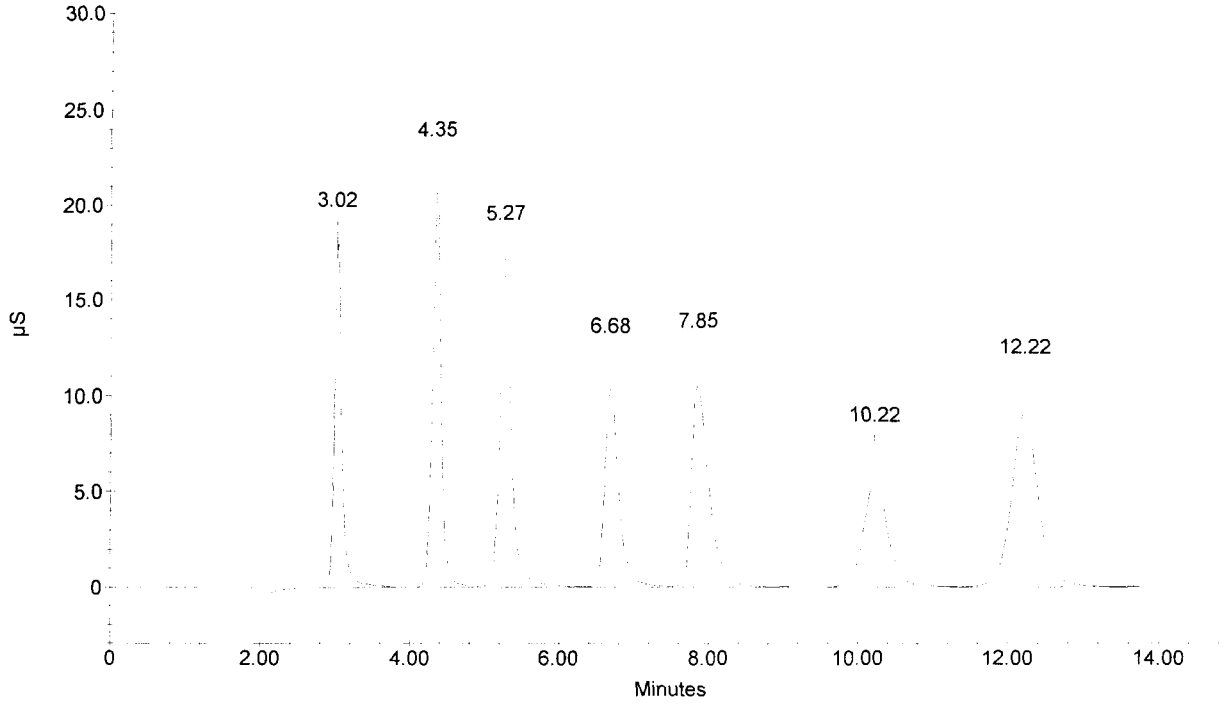
Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 50
Data File Name : c:\peaknet\data\061018a\061018A_050.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 1:53:52 AM **010167**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.551	169752	1256601	1	-2.37
2	4.35	CHLORIDE	207.860	206554	1679885	2	-3.76
3	5.27	NITRITE-N	107.766	162508	1819252	2	-4.76
4	6.68	BROMIDE	414.433	103166	1367876	2	-5.60
5	7.85	NITRATE-N	91.382	105912	1755935	2	-4.27
6	10.22	PHOSPHATE-P	198.689	56888	1303504	2	-5.40
7	12.22	SULFATE	408.670	92252	2294660	2	-6.46
	0.00		---total(s)--- 1531.351		11477715		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 51
Data File Name : c:\peaknet\data\061018a\061018A_051.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

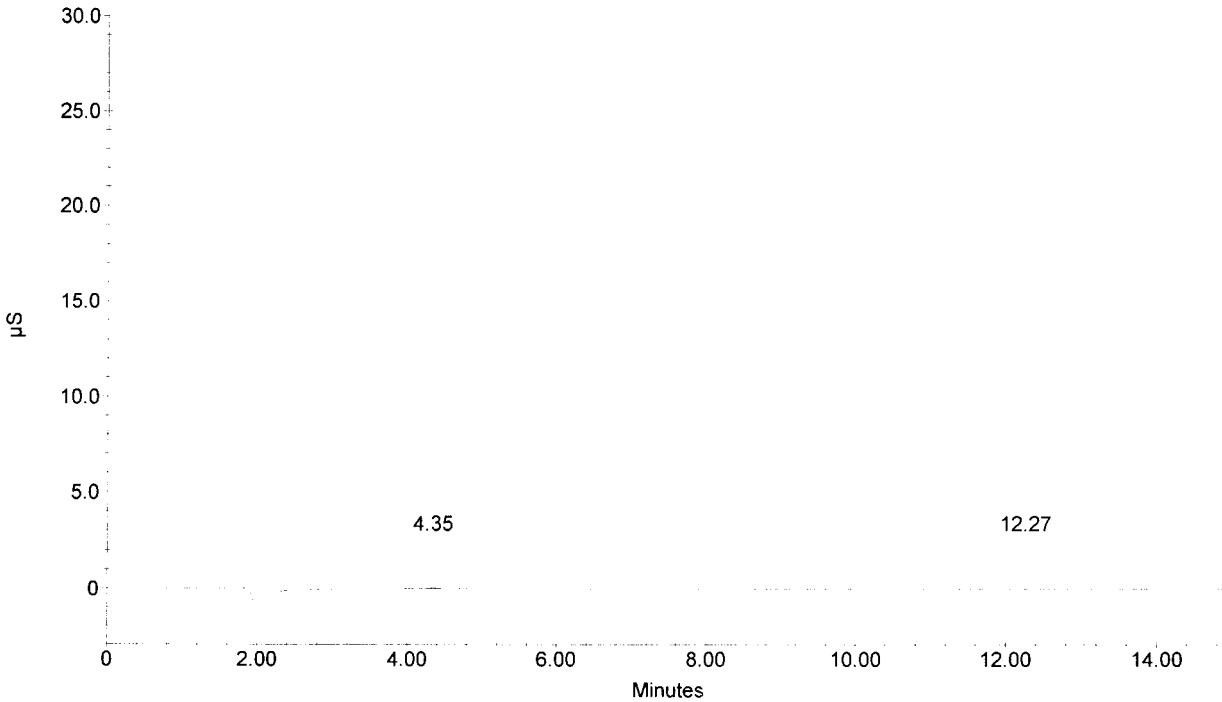
Date Time Collected : 10/19/06 2:11:32 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010168

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.35	CHLORIDE	0.059	295	2107	1	-3.76
1	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	0.059	295	2107	1	-3.76
2	12.27	SULFATE	0.041	90	1686	1	-6.07
	0.00	---total(s)---	0.160		5900		

CCB



Schedule File: C:\PeakNet\schedule\060826A.sch

010169

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	BLK	Sample		anions060826a.met	060826_001.dxd	1
2	0PPM 14-08-IC6	Calibration St	1	anions060826a.met	060826_002.dxd	1
3	0.1PPM 14-07-IC6	Calibration St	2	anions060826a.met	060826_003.dxd	1
4	0.5PPM 14-06-IC6	Calibration St	3	anions060826a.met	060826_004.dxd	1
5	1PPM 14-05-IC6	Calibration St	4	anions060826a.met	060826_005.dxd	1
6	5PPM 14-04-IC6	Calibration St	5	anions060826a.met	060826_006.dxd	1
7	10PPM 14-03-IC6	Calibration St	6	anions060826a.met	060826_007.dxd	1
8	15PPM 14-02-IC6	Calibration St	7	anions060826a.met	060826_008.dxd	1
9	20PPM 14-01-IC6	Calibration St	8	anions060826a.met	060826_009.dxd	1
10	ICV	Sample		anions060826a.met	060826_010.dxd	20
11	ICB	Sample		anions060826a.met	060826_011.dxd	1
12	0.1PPM MDL1	Sample		anions060826a.met	060826_012.dxd	1
13	0.1PPM MDL2	Sample		anions060826a.met	060826_013.dxd	1
14	0.1PPM MDL3	Sample		anions060826a.met	060826_014.dxd	1
15	0.1PPM MDL4	Sample		anions060826a.met	060826_015.dxd	1
16	0.1PPM MDL5	Sample		anions060826a.met	060826_016.dxd	1
17	0.1PPM MDL6	Sample		anions060826a.met	060826_017.dxd	1
18	0.1PPM MDL7	Sample		anions060826a.met	060826_018.dxd	1
19	CCV	Sample		anions060826a.met	060826_019.dxd	20
20	CCB	Sample		anions060826a.met	060826_020.dxd	1
21	0.05 PPM MDL1	Sample		anions060826a.met	060826_021.dxd	1
22	0.05 PPM MDL2	Sample		anions060826a.met	060826_022.dxd	1
23	0.05 PPM MDL3	Sample		anions060826a.met	060826_023.dxd	1
24	0.05 PPM MDL4	Sample		anions060826a.met	060826_024.dxd	1
25	0.05 PPM MDL5	Sample		anions060826a.met	060826_025.dxd	1
26	0.05 PPM MDL6	Sample		anions060826a.met	060826_026.dxd	1
27	0.05 PPM MDL7	Sample		anions060826a.met	060826_027.dxd	1
28	CCV	Sample		anions060826a.met	060826_028.dxd	20
29	CCB	Sample		anions060826a.met	060826_029.dxd	1

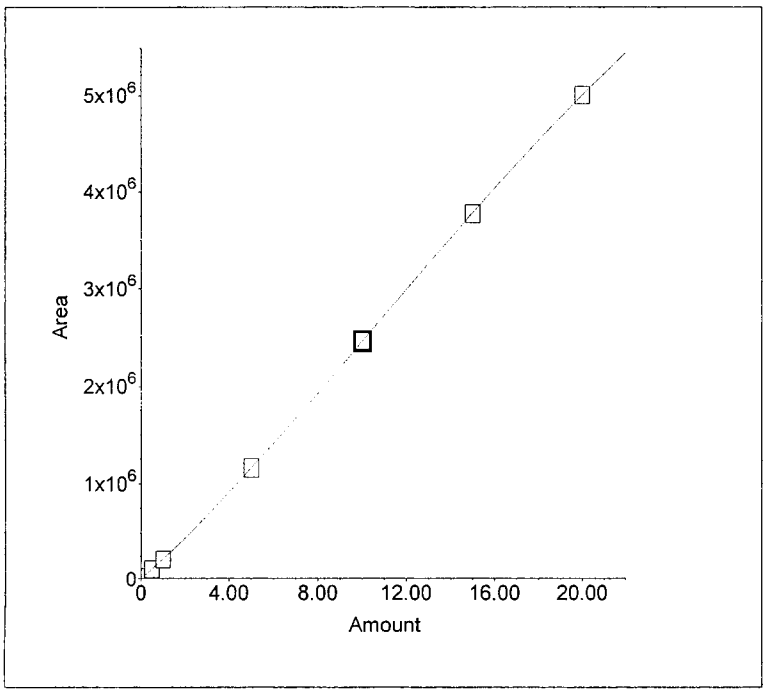
Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\060826
Comment:
METHODS: EPA 300.0 & SW 846 9056

ICV Sources:
1) SPEX LOT#33-13AS (INORG#5966)
   F = 100 mg/L
   Cl = 200 mg/L
   Br = 400 mg/L
   NO3N = 90.4 mg/L
   PO4P = 196 mg/L
   SO4 = 400 mg/L
2) 08-01-IC6
   NO2N 109 mg/L

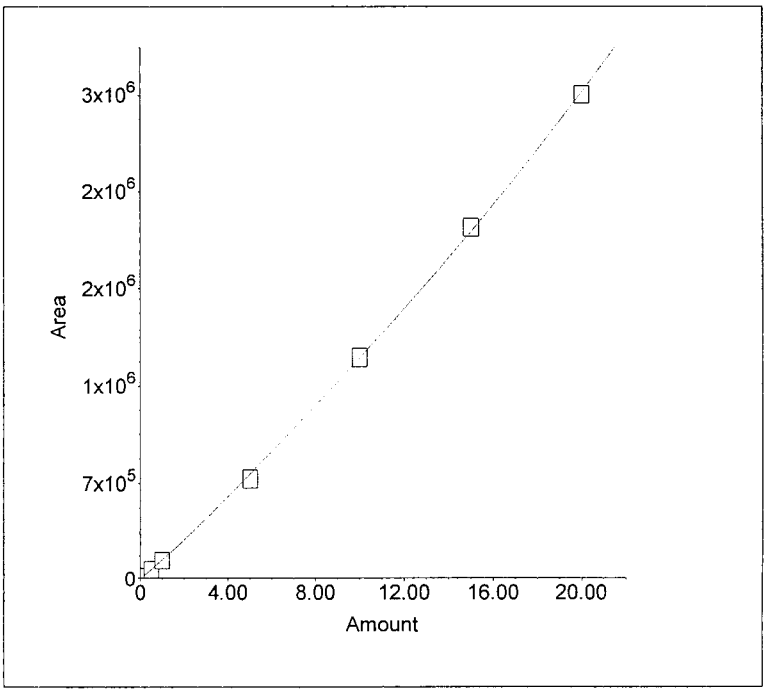
R Spis 12/4/06

010170

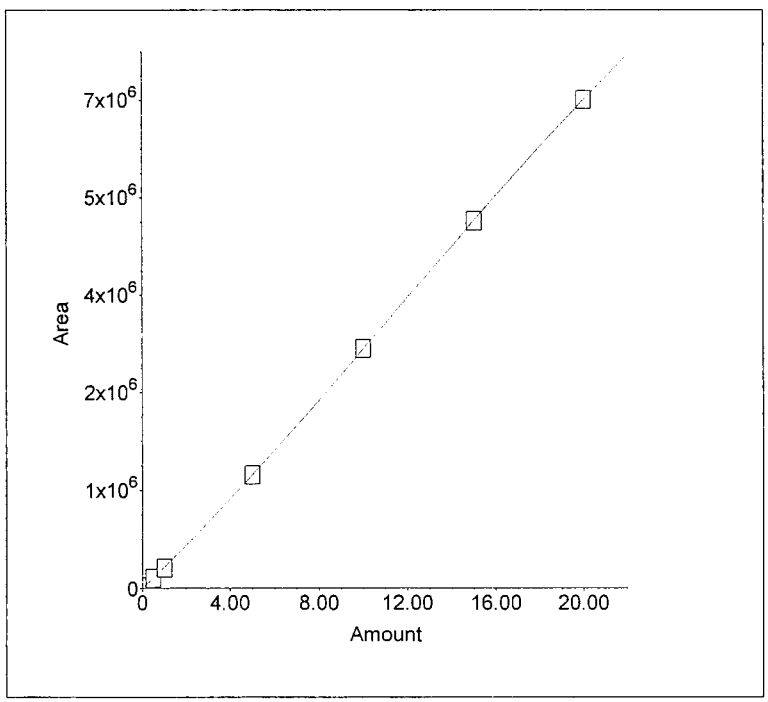
1. Component:FLUORIDE
Standard:External Fit Type:Cubic
Origin:Include Calibration:Area
r^2=0.999995
Amt=3.284150e-020*Resp^3+
-2.812001e-013*Resp^2+
4.366696e-006*Resp+0.01923



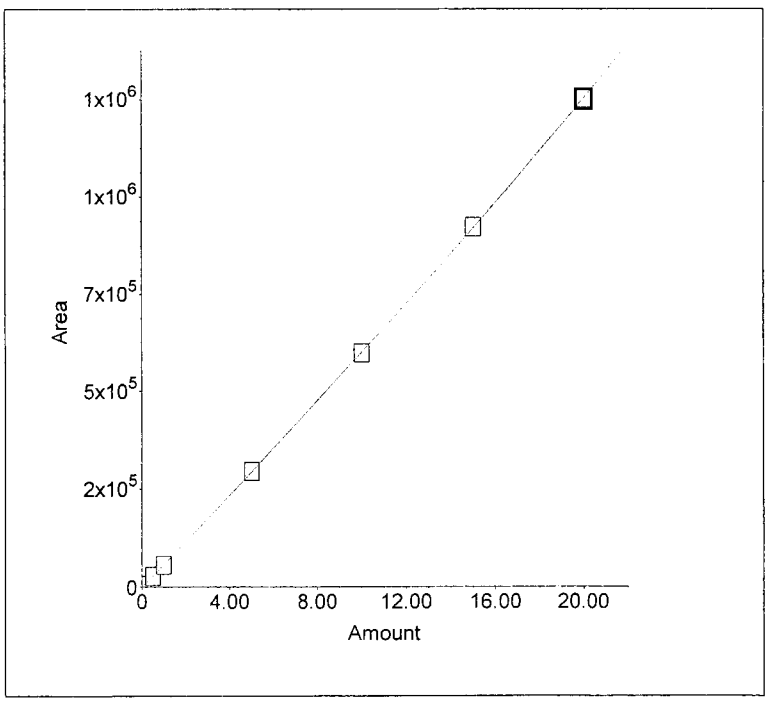
2. Component:CHLORIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999813
Amt=-2.842866e-013*Resp^2+
6.637220e-006*Resp+0.04549



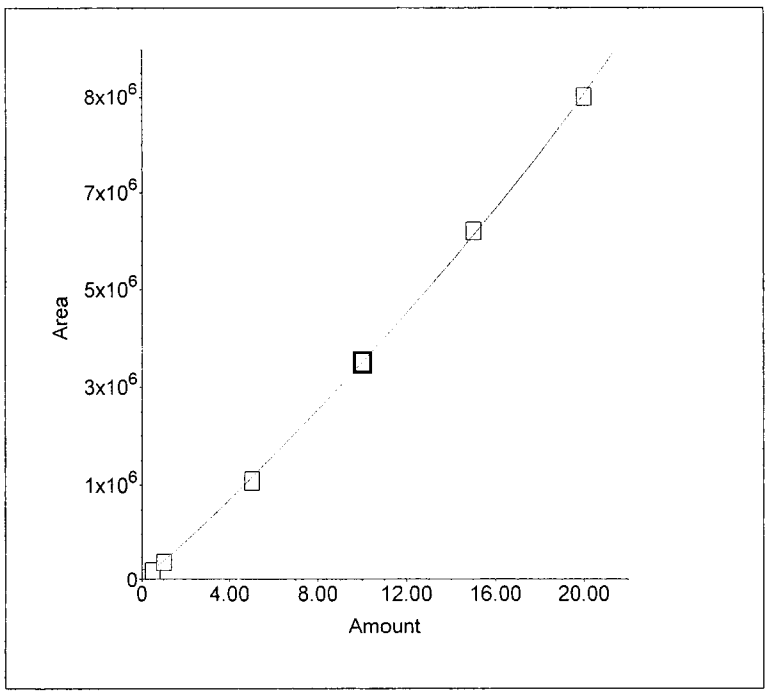
3. Component:NITRITE-N
Standard:External Fit Type:Cubic
Origin:Include Calibration:Area
r^2=0.999995
Amt=1.144922e-020*Resp^3+
-1.417986e-013*Resp^2+
3.170659e-006*Resp+0.02046



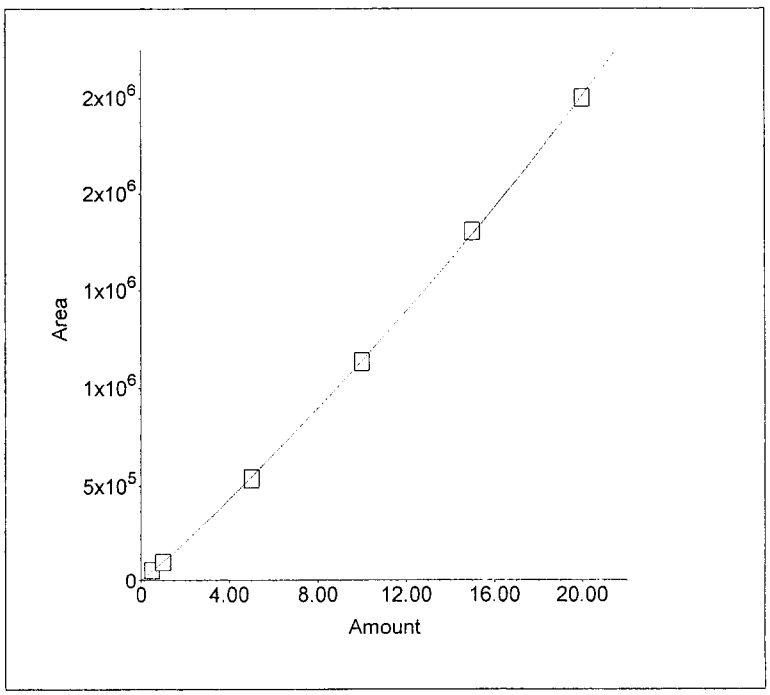
4. Component:BROMIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999988
Amt=-9.781434e-013*Resp^2+
1.647401e-005*Resp+0.01744



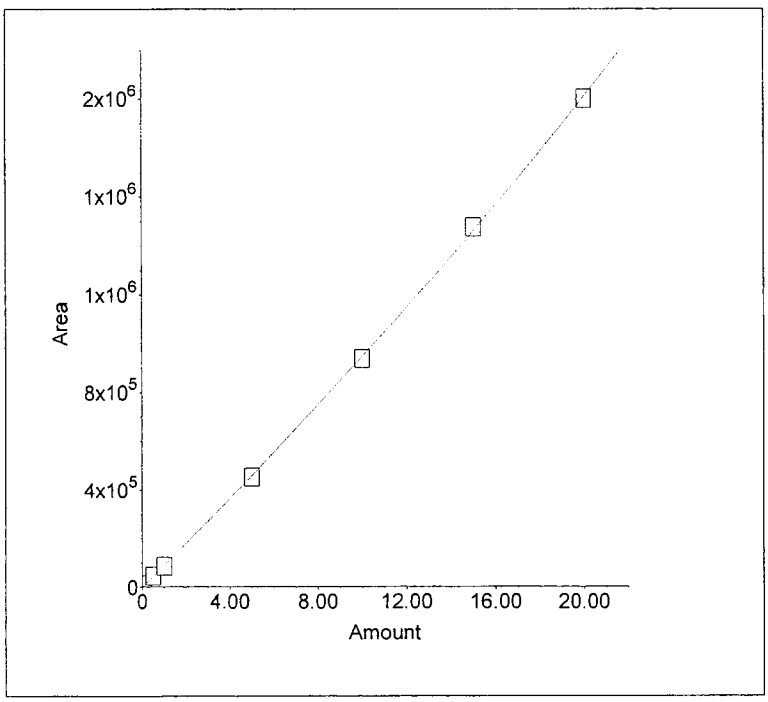
5. Component:NITRATE-N
Standard:External Fit Type:Quadratic
Origin:Force Calibration:Area
r^2=0.999792
Amt=-5.173414e-014*Resp^2+
2.692937e-006*Resp+0



6. Component:PHOSPHATE-P 010171
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999934
Amt=-4.395069e-013*Resp^2+
8.177415e-006*Resp+0.02191



7. Component:SULFATE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999903
Amt=-4.685890e-013*Resp^2+
9.969362e-006*Resp+0.02452



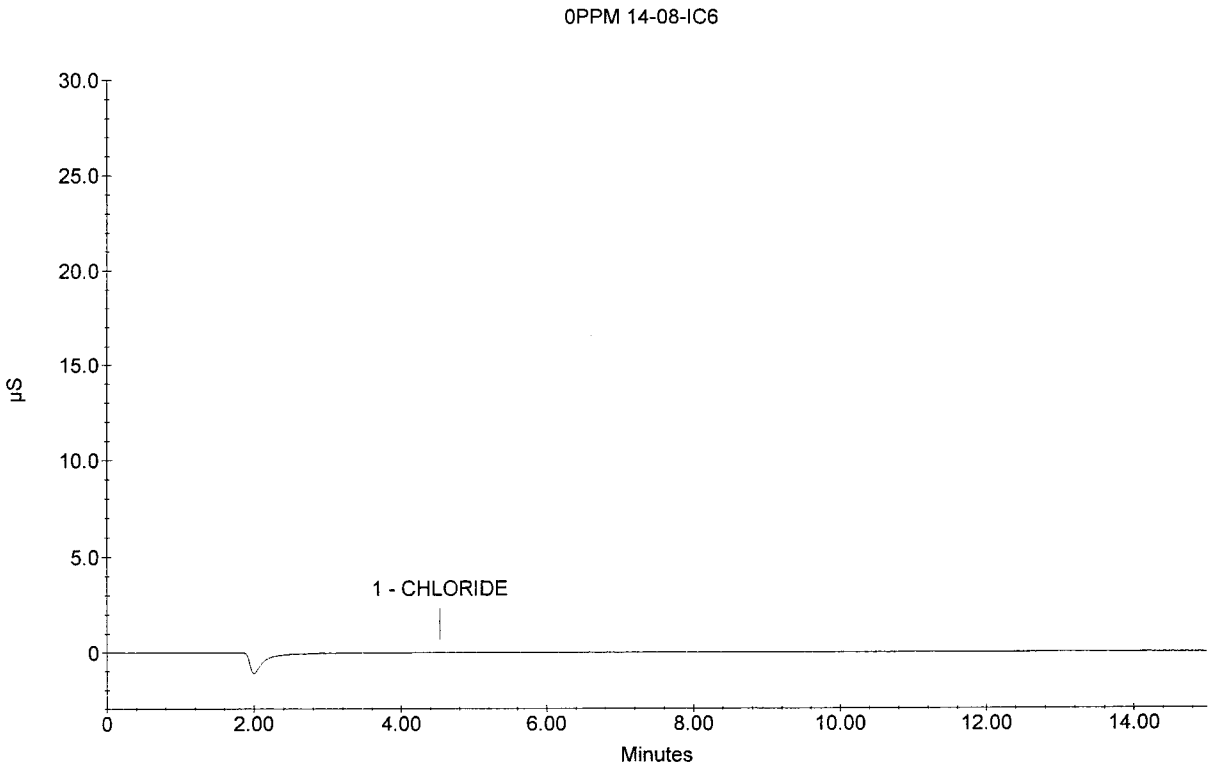
Sample Name : 0PPM 14-08-IC6
Dilution Factor : 1.00
Injection Number : 2
Data File Name : ...\060826_002.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:03:57 PM
Date Time Updated : 8/28/06 7:54:03 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010172

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	4.53	CHLORIDE	0.00	1612	195
1	4.53	CHLORIDE	0.00	1612	195
		NITRITE-N			
		BROMIDE			
		NITRATE-N			
		PHOSPHATE-P			
		SULFATE			



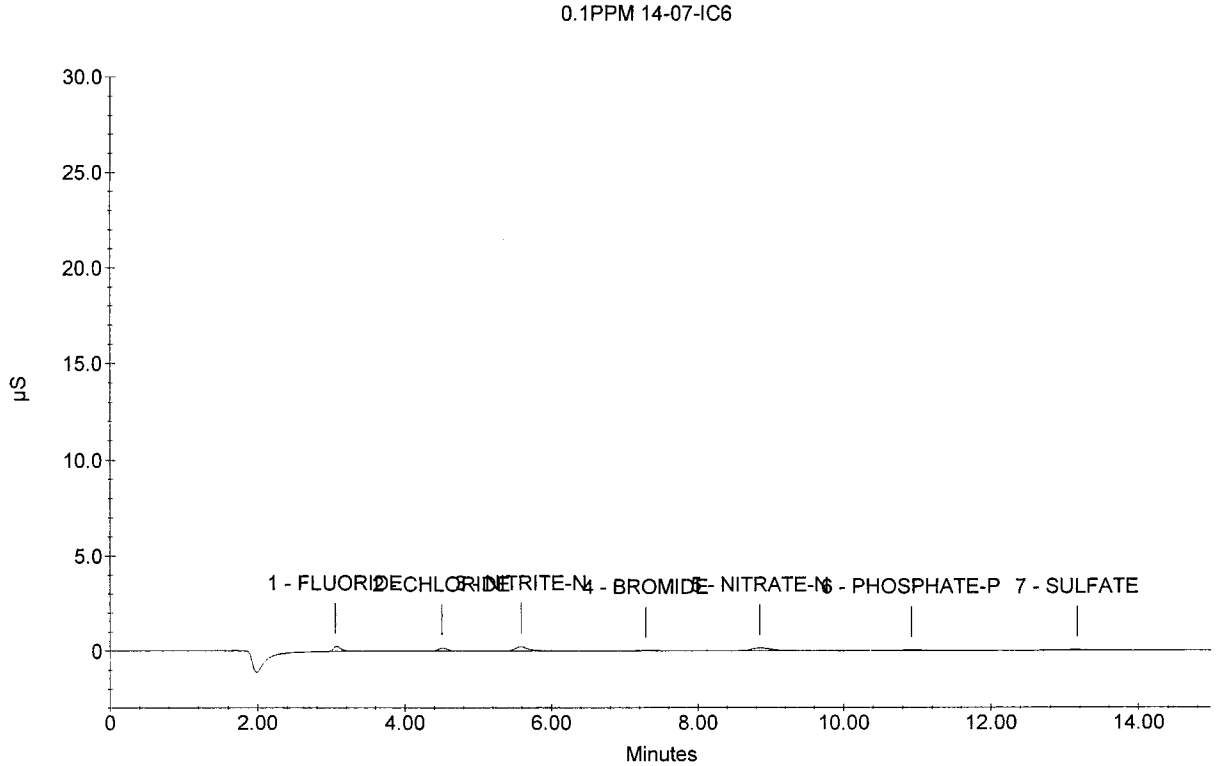
Sample Name : 0.1PPM 14-07-IC6
Dilution Factor : 1.00
Injection Number : 3
Data File Name : ...\060826_003.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:21:35 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010173

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.10	19430	2562
2	4.50	CHLORIDE	0.10	13701	1510
3	5.58	NITRITE-N	0.10	28686	2273
4	7.28	BROMIDE	0.10	5061	334
5	8.85	NITRATE-N	0.10	31047	1516
6	10.92	PHOSPHATE-P	0.10	12286	470
7	13.17	SULFATE	0.10	10354	390



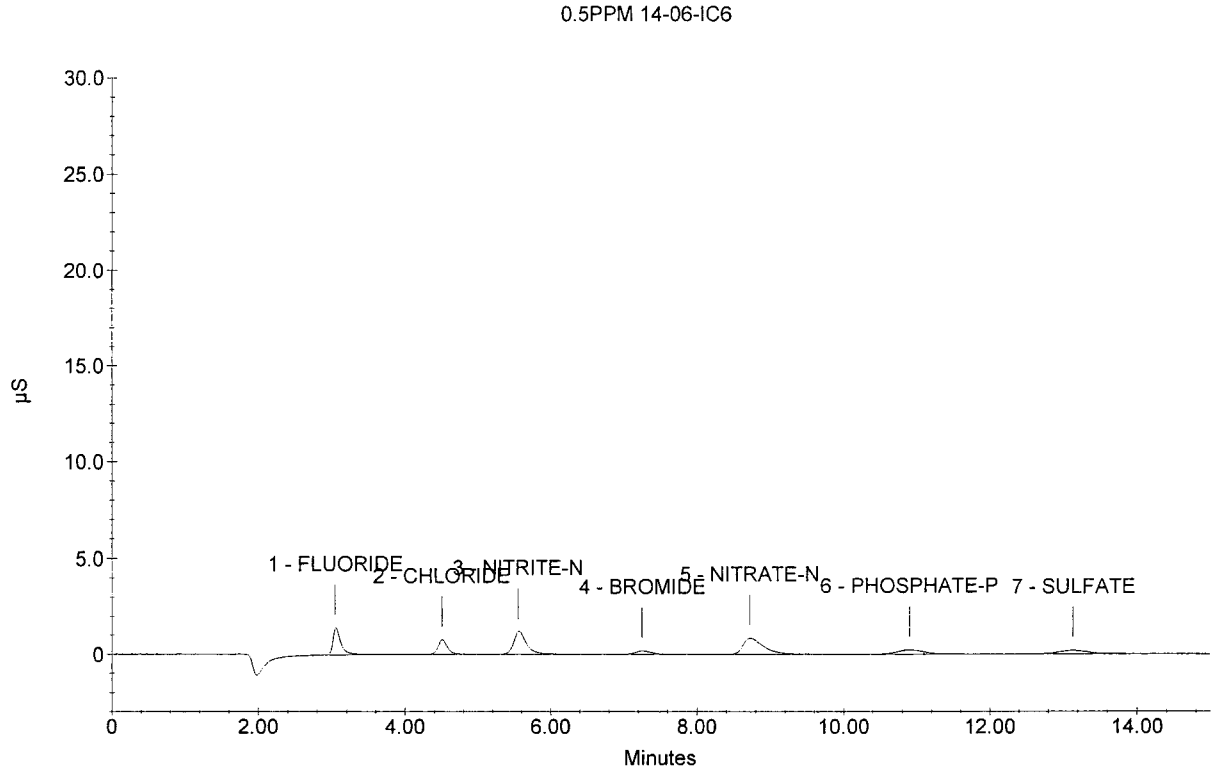
Sample Name : 0.5PPM 14-06-IC6
Dilution Factor : 1.00
Injection Number : 4
Data File Name : ...\060826_004.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:39:15 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010174

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.50	107784	13936
2	4.50	CHLORIDE	0.50	68715	7543
3	5.55	NITRITE-N	0.50	148748	11679
4	7.25	BROMIDE	0.50	28812	1844
5	8.72	NITRATE-N	0.50	164580	8283
6	10.90	PHOSPHATE-P	0.50	63022	2314
7	13.13	SULFATE	0.50	50470	1793



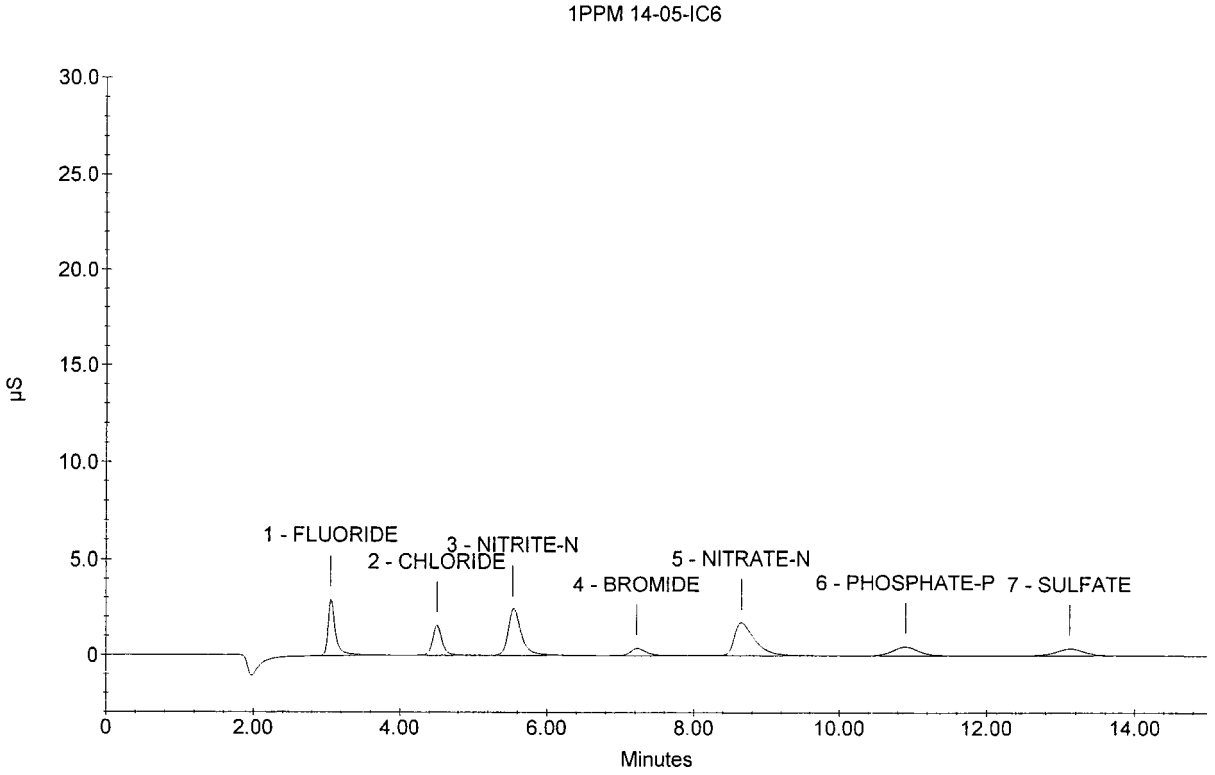
Sample Name : 1PPM 14-05-IC6
Dilution Factor : 1.00
Injection Number : 5
Data File Name : ...\060826_005.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:56:54 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010175

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	1.00	225822	29308
2	4.50	CHLORIDE	1.00	141216	15529
3	5.53	NITRITE-N	1.00	305786	24004
4	7.22	BROMIDE	1.00	59390	3782
5	8.65	NITRATE-N	1.00	340074	17081
6	10.90	PHOSPHATE-P	1.00	116666	4584
7	13.12	SULFATE	1.00	94817	3540



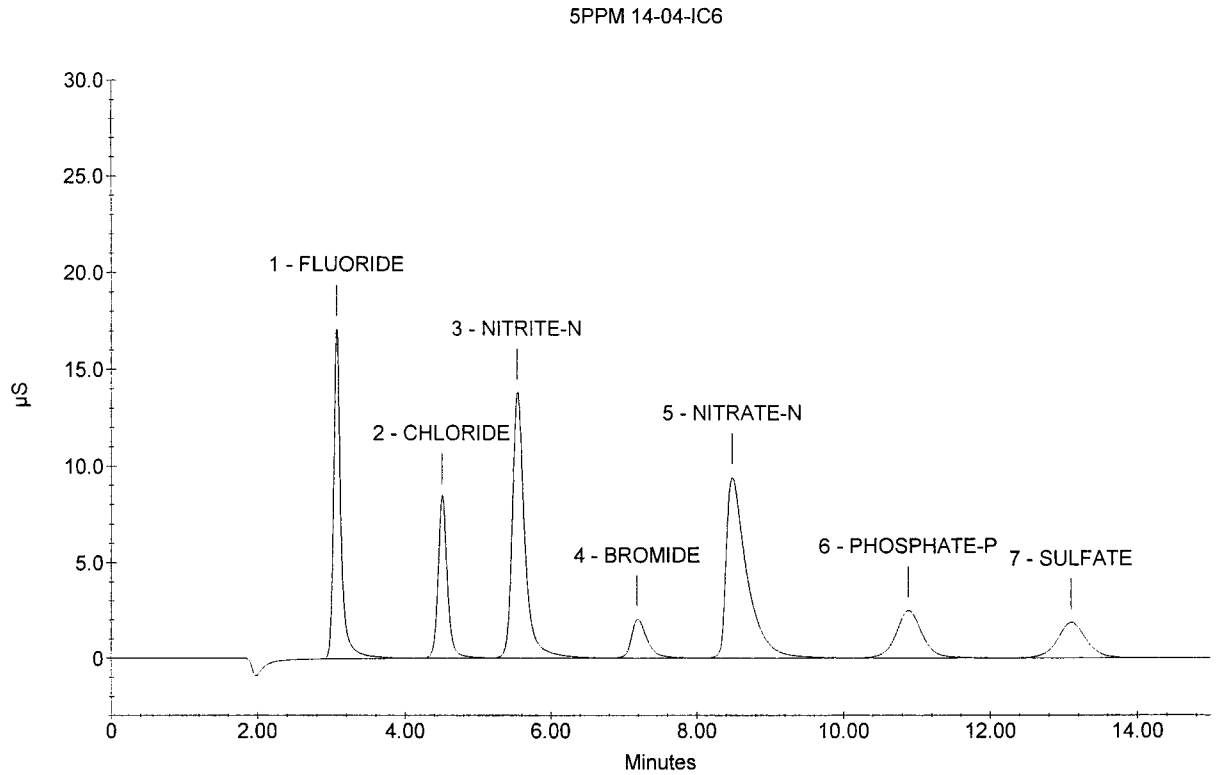
Sample Name : 5PPM 14-04-IC6
Dilution Factor : 1.00
Injection Number : 6
Data File Name : ...\060826_006.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:14:33 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010176

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.07	FLUORIDE	5.00	1219655	170834
2	4.50	CHLORIDE	5.00	737568	83501
3	5.53	NITRITE-N	5.00	1676308	137385
4	7.18	BROMIDE	5.00	308669	20197
5	8.48	NITRATE-N	5.00	1858329	93837
6	10.88	PHOSPHATE-P	5.00	620253	24802
7	13.10	SULFATE	5.00	505266	18372



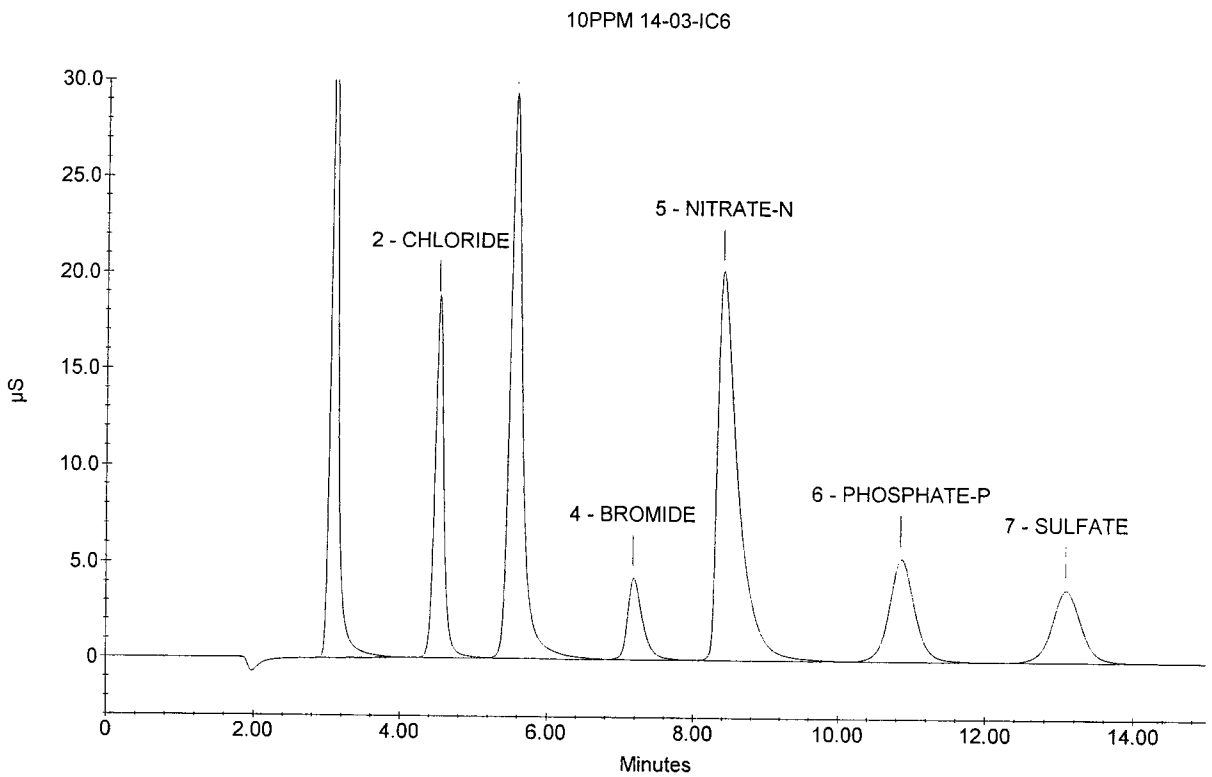
Sample Name : 10PPM 14-03-IC6
Dilution Factor : 1.00
Injection Number : 7
Data File Name : ...\060826_007.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:32:12 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010177

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.08	FLUORIDE	10.00	2593593	354129
2	4.52	CHLORIDE	10.00	1613751	183575
3	5.55	NITRITE-N	10.00	3558942	291904
4	7.17	BROMIDE	10.00	626667	42374
5	8.38	NITRATE-N	10.00	4022908	201351
6	10.85	PHOSPHATE-P	10.00	1306455	53627
7	13.08	SULFATE	10.00	1044181	38351



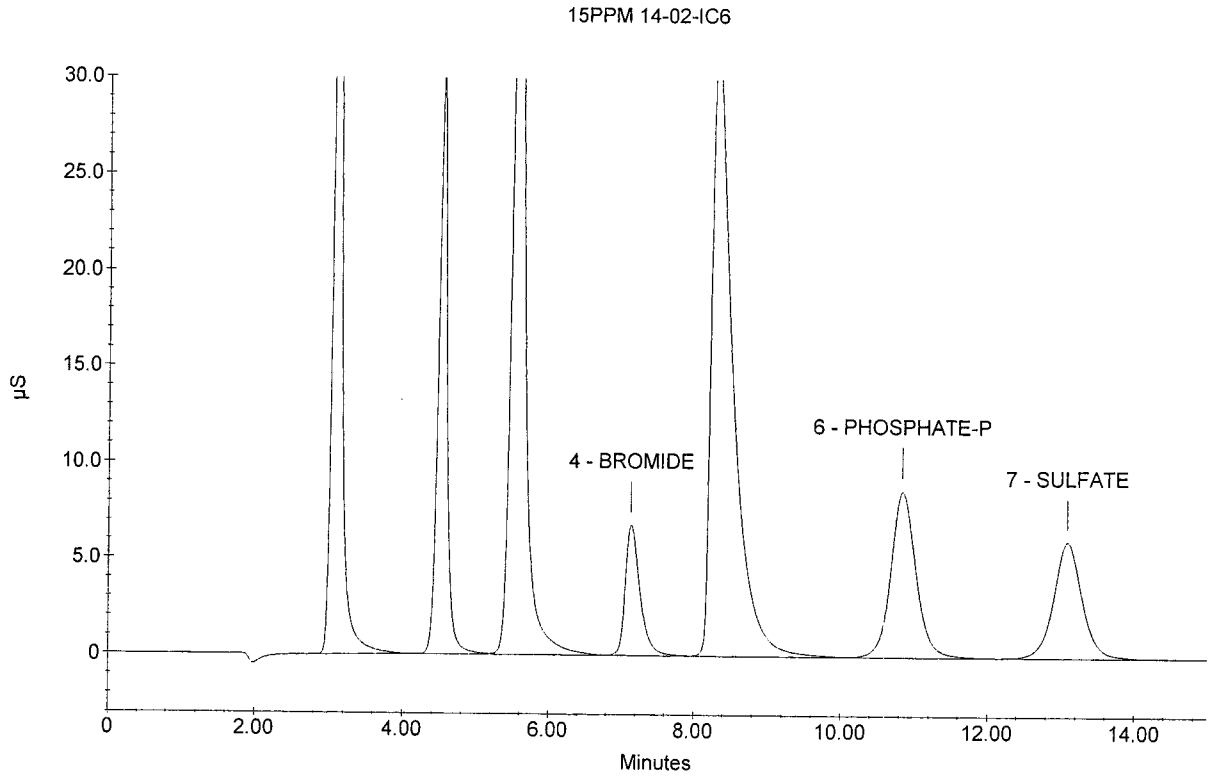
Sample Name : 15PPM 14-02-IC6
Dilution Factor : 1.00
Injection Number : 8
Data File Name : ...\060826_008.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:49:51 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010178

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.10	FLUORIDE	15.00	3970878	524109
2	4.53	CHLORIDE	15.00	2557549	301109
3	5.55	NITRITE-N	15.00	5464845	443607
4	7.13	BROMIDE	15.00	968108	67975
5	8.28	NITRATE-N	15.00	6426203	317140
6	10.83	PHOSPHATE-P	15.00	2078468	86759
7	13.08	SULFATE	15.00	1644787	60485



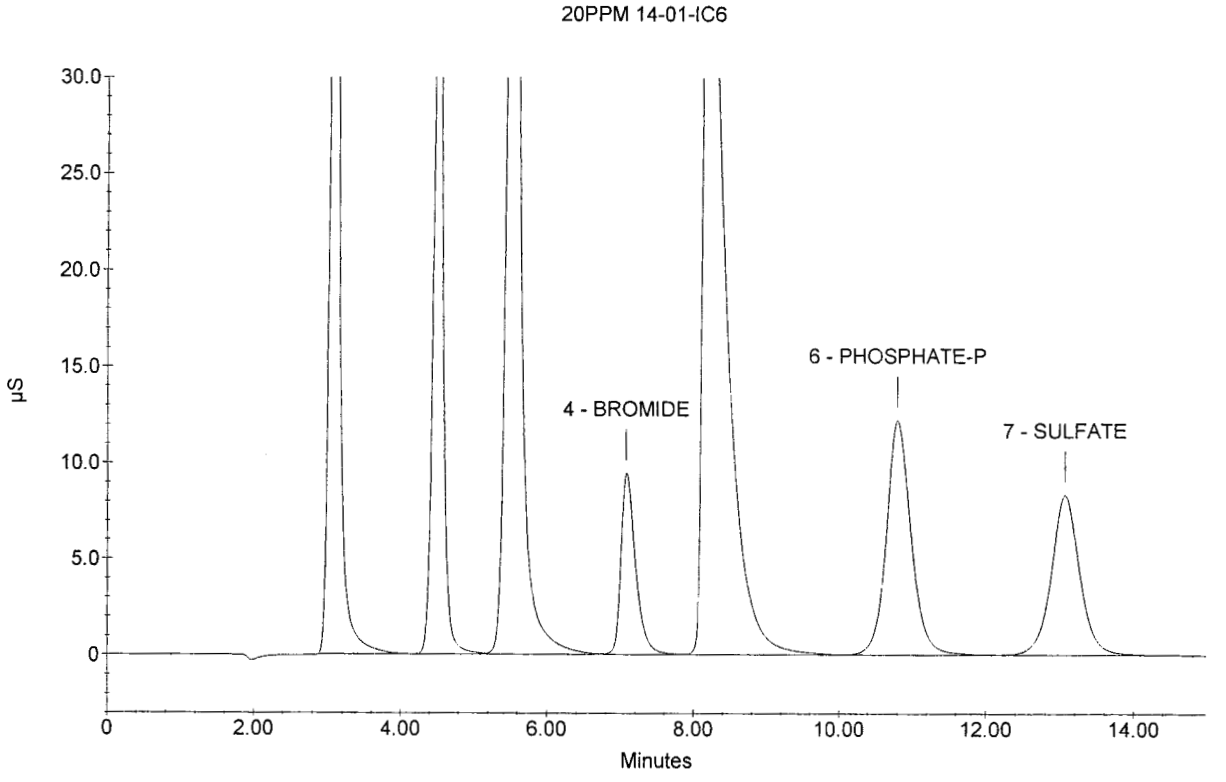
010179

Sample Name : 20PPM 14-01-IC6
Dilution Factor : 1.00
Injection Number : 9
Data File Name : ...\060826_009.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:07:31 PM
Date Time Updated : 8/28/06 7:56:56 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.09	FLUORIDE	20.00	5264287	666938
2	4.52	CHLORIDE	20.00	3527628	412670
3	5.53	NITRITE-N	20.00	7279959	580230
4	7.08	BROMIDE	20.00	1314511	94369
5	8.20	NITRATE-N	20.00	8929193	436545
6	10.80	PHOSPHATE-P	20.00	2884095	122072
7	13.06	SULFATE	20.00	2231267	83410



010180

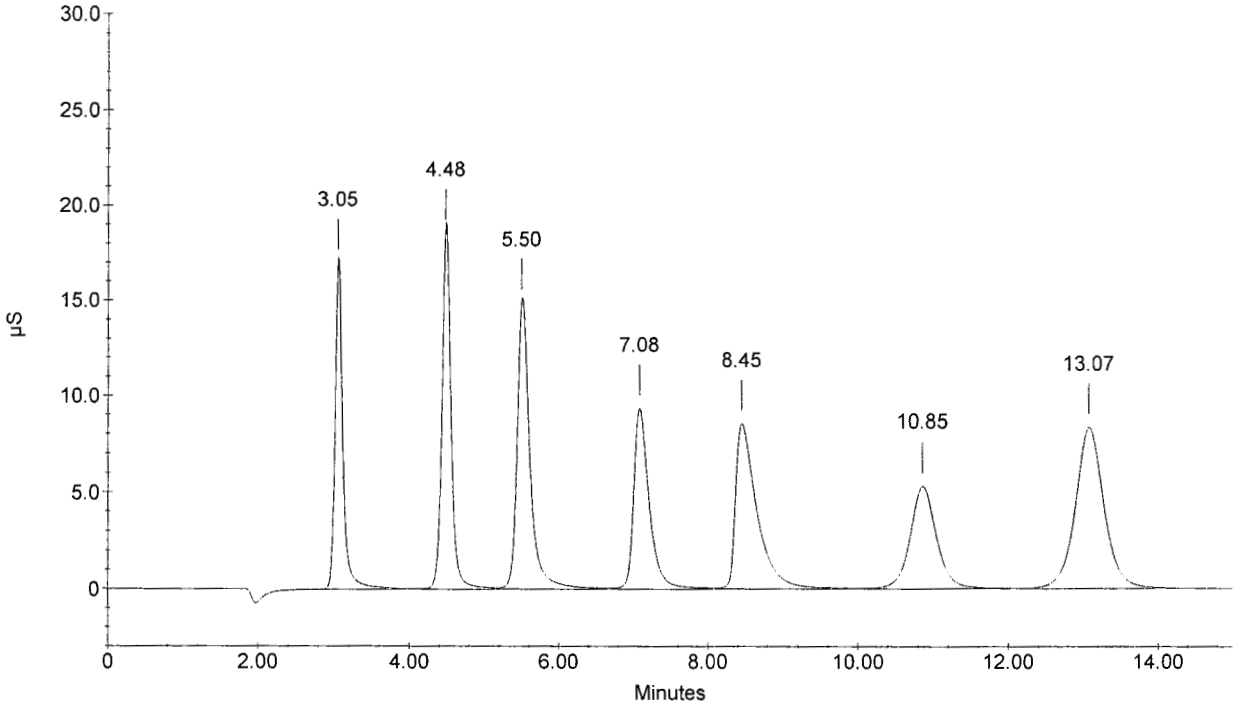
Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 10
Data File Name : C:\PEAKNET\DATA\060826\060826_010.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:25:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	101.182	169957	1238676	2	-1.29
2	4.48	CHLORIDE	203.242	185746	1639335	2	-0.81
3	5.50	NITRITE-N	109.487	149010	1850351	2	-0.54
4	7.08	BROMIDE	413.225	93316	1363498	2	0.05
5	8.45	NITRATE-N	89.081	85194	1710156	2	3.05
6	10.85	PHOSPHATE-P	199.286	52892	1307756	2	0.46
7	13.07	SULFATE	398.693	83163	2231102	2	0.05
	0.00		---total(s)--- 1514.196		11340874		

ICV



Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 11
Data File Name : C:\PEAKNET\DATA\060826\060826_011.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

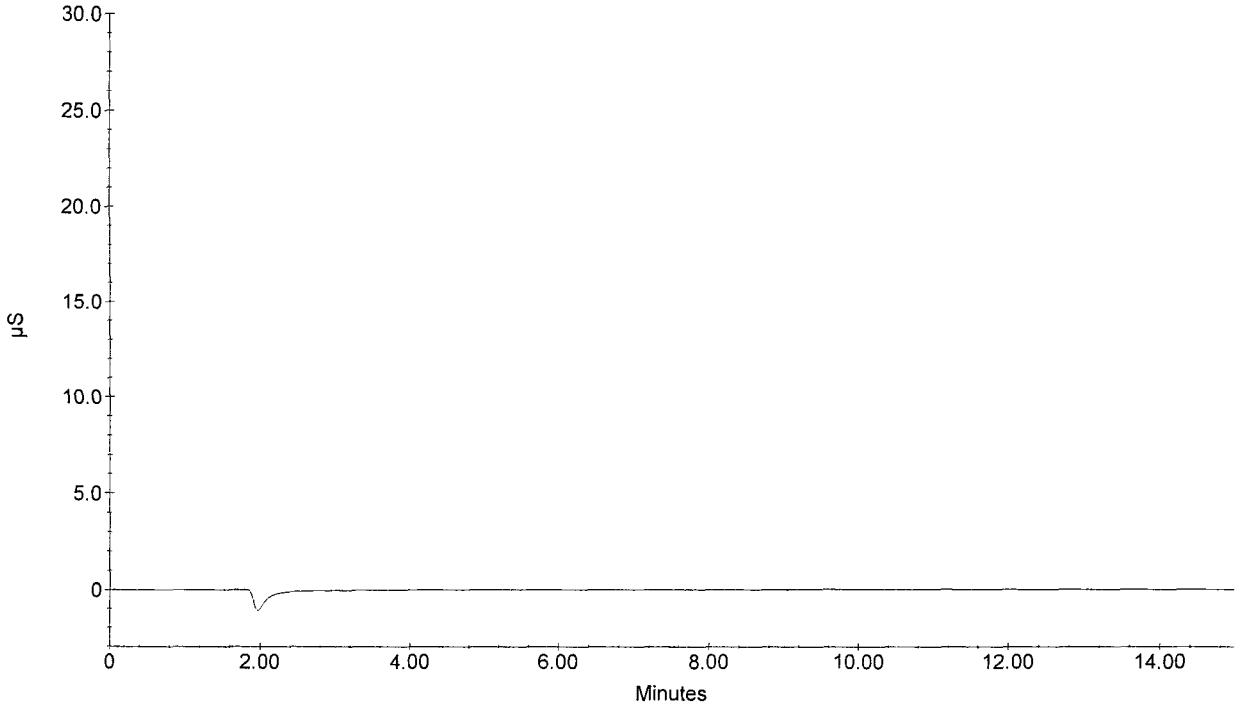
Date Time Collected : 8/26/06 4:42:48 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010181

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
		---total(s)---					
	0.00		0.000		0		

ICB



Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 10
Data File Name : C:\PEAKNET\DATA\060826\060826_010.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

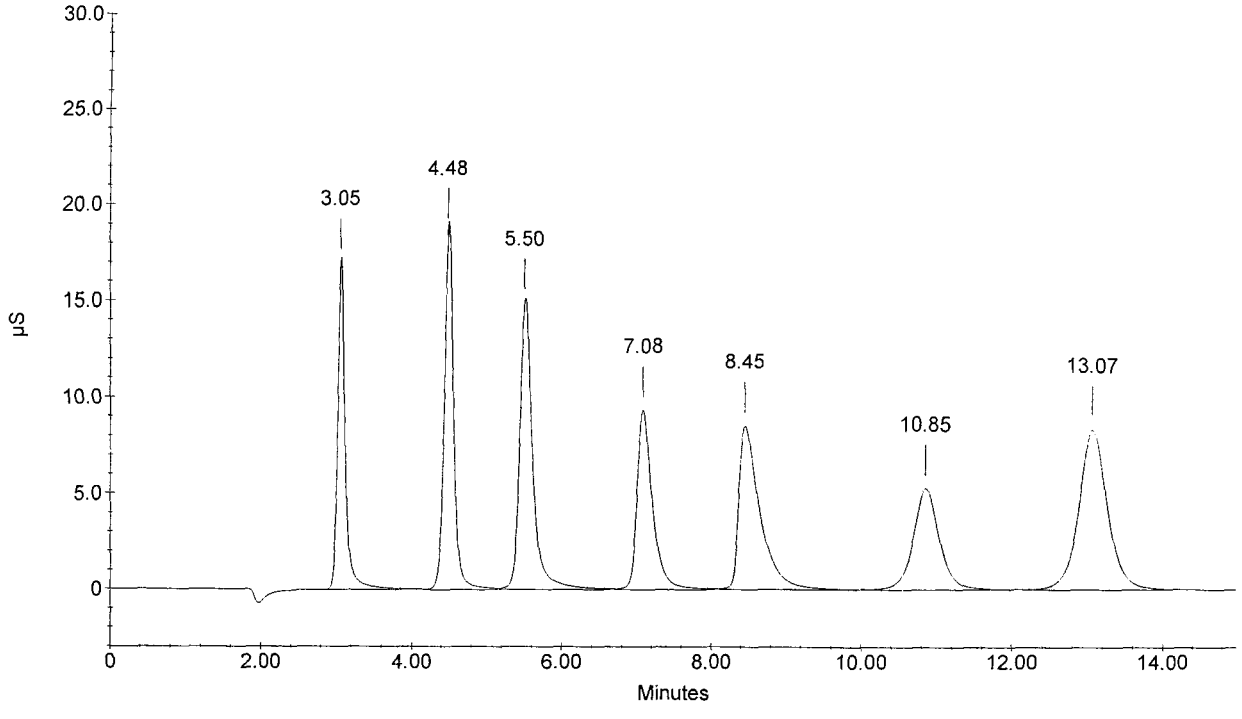
Date Time Collected : 8/26/06 4:25:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010182

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	101.182	169957	1238676	2	-1.29
2	4.48	CHLORIDE	203.242	185746	1639335	2	-0.81
3	5.50	NITRITE-N	109.487	149010	1850351	2	-0.54
4	7.08	BROMIDE	413.225	93316	1363498	2	0.05
5	8.45	NITRATE-N	89.081	85194	1710156	2	3.05
6	10.85	PHOSPHATE-P	199.286	52892	1307756	2	0.46
7	13.07	SULFATE	398.693	83163	2231102	2	0.05
	0.00		---total(s)--- 1514.196		11340874		

ICV



Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 11
Data File Name : C:\PEAKNET\DATA\060826\060826_011.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

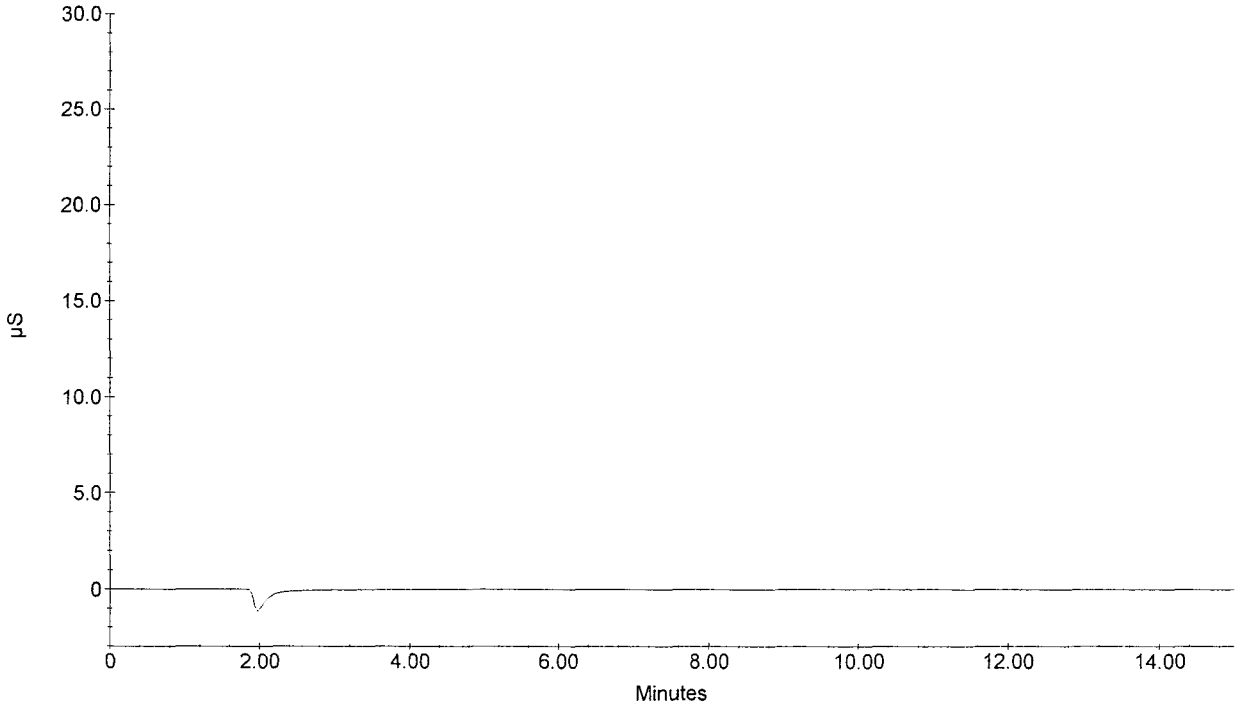
Date Time Collected : 8/26/06 4:42:48 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010183

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
	0.00	---total(s)---	0.000		0		

ICB



DIV 20
06002.01.322
TO#060919-6

Wilson A. Naegli
12/15/06

Analyst: RSS
Method: 300
Sig Fig: 3

010184

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/19/06	286222	Fluoride	0.000	0.1	U	0.1		
10/19/06	286222	Chloride	10.594	10.6		0.1		
10/19/06	286222	Nitrite-N	0.045	0.1	U	0.1		
10/19/06	286222	Bromide	0.000	0.1	U	0.1		
10/19/06	286222	Nitrate-N	4.755	4.76		0.1		
10/19/06	286222	Phosphate-P	0.000	0.1	U	0.1		
10/19/06	286222	Sulfate	0.051	0.1	U	0.1		
10/19/06	286223	Fluoride	0.042	0.1	U	0.1		
10/19/06	286223	Chloride	12.254	12.3		0.1		
10/19/06	286223	Nitrite-N	0.058	0.1	U	0.1		
10/19/06	286223	Bromide	0.000	0.1	U	0.1		
10/19/06	286223	Nitrate-N	4.653	4.65		0.1		
10/19/06	286223	Phosphate-P	0.000	0.1	U	0.1		
10/19/06	286223	Sulfate	0.000	0.1	U	0.1		

Insufficient sample volume to run sample duplicate and matrix spike.

U = Undetected

DIV 20
06002.01.322
TO#060919-6

Analyst: RSS
Method: 300
Sig Fig: 3

010185

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV (LCS)	Fluoride	102.357	102		0.1	100	102%
10/18/06	CCV (LCS)	Chloride	211.796	212		0.1	200	106%
10/18/06	CCV (LCS)	Nitrite-N	106.744	107		0.1	106	101%
10/18/06	CCV (LCS)	Bromide	415.397	415		0.1	400	104%
10/18/06	CCV (LCS)	Nitrate-N	91.720	91.7		0.1	90.4	101%
10/18/06	CCV (LCS)	Phosphate-P	199.788	200		0.1	196	102%
10/18/06	CCV (LCS)	Sulfate	409.665	410		0.1	400	103%
10/18/06	CCB (PB)	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Chloride	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB (PB)	Sulfate	0.036	0.1	U	0.1		
10/19/06	CCV	Fluoride	102.551	103		0.1	100	103%
10/19/06	CCV	Chloride	207.860	208		0.1	200	104%
10/19/06	CCV	Nitrite-N	107.766	108		0.1	106	102%
10/19/06	CCV	Bromide	414.433	414		0.1	400	104%
10/19/06	CCV	Nitrate-N	91.382	91.4		0.1	90.4	101%
10/19/06	CCV	Phosphate-P	198.689	199		0.1	196	102%
10/19/06	CCV	Sulfate	408.670	409		0.1	400	102%
10/19/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/19/06	CCB	Chloride	0.059	0.1	U	0.1		
10/19/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/19/06	CCB	Bromide	0.000	0.1	U	0.1		
10/19/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/19/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/19/06	CCB	Sulfate	0.041	0.1	U	0.1		

U = Undetected

DIV 20
06002.01.322
TO#060919-6

Analyst: RSS
Method: 300
Sig Fig: 3

010186

Date Analyzed	System ID	Analyte	Conc. mg/L	RESULT mg/L	Qual	DL	TV	%REC %RPD
10/18/06	ICV	Fluoride	103.861	104		0.1	100	104%
10/18/06	ICV	Chloride	211.560	212		0.1	200	106%
10/18/06	ICV	Nitrite-N	109.032	109		0.1	106	103%
10/18/06	ICV	Bromide	422.478	422		0.1	400	106%
10/18/06	ICV	Nitrate-N	92.655	92.7		0.1	90.4	103%
10/18/06	ICV	Phosphate-P	200.288	200		0.1	196	102%
10/18/06	ICV	Sulfate	409.926	410		0.1	400	103%
10/18/06	ICB	Fluoride	0.000	0.1	U	0.1		
10/18/06	ICB	Chloride	0.000	0.1	U	0.1		
10/18/06	ICB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	ICB	Bromide	0.000	0.1	U	0.1		
10/18/06	ICB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	ICB	Phosphate-P	0.030	0.1	U	0.1		
10/18/06	ICB	Sulfate	0.030	0.1	U	0.1		
10/18/06	CCV	Fluoride	103.645	104		0.1	100	104%
10/18/06	CCV	Chloride	210.569	211		0.1	200	106%
10/18/06	CCV	Nitrite-N	109.250	109		0.1	106	103%
10/18/06	CCV	Bromide	423.215	423		0.1	400	106%
10/18/06	CCV	Nitrate-N	93.764	93.8		0.1	90.4	104%
10/18/06	CCV	Phosphate-P	203.374	203		0.1	196	104%
10/18/06	CCV	Sulfate	412.359	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.086	0.1	U	0.1		
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV	Fluoride	102.886	103		0.1	100	103%
10/18/06	CCV	Chloride	208.741	209		0.1	200	105%
10/18/06	CCV	Nitrite-N	107.984	108		0.1	106	102%
10/18/06	CCV	Bromide	418.265	418		0.1	400	105%
10/18/06	CCV	Nitrate-N	92.060	92.1		0.1	90.4	102%
10/18/06	CCV	Phosphate-P	201.058	201		0.1	196	103%
10/18/06	CCV	Sulfate	411.746	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrite-N	0.000	0.1	U	0.1		
10/18/06	CCB	Bromide	0.000	0.1	U	0.1		
10/18/06	CCB	Nitrate-N	0.000	0.1	U	0.1		
10/18/06	CCB	Phosphate-P	0.000	0.1	U	0.1		
10/18/06	CCB	Sulfate	0.000	0.1	U	0.1		
10/18/06	CCV	Fluoride	103.963	104		0.1	100	104%
10/18/06	CCV	Chloride	211.747	212		0.1	200	106%
10/18/06	CCV	Nitrite-N	110.256	110		0.1	106	104%
10/18/06	CCV	Bromide	424.342	424		0.1	400	106%
10/18/06	CCV	Nitrate-N	93.516	93.5		0.1	90.4	103%
10/18/06	CCV	Phosphate-P	204.215	204		0.1	196	104%
10/18/06	CCV	Sulfate	412.475	412		0.1	400	103%
10/18/06	CCB	Fluoride	0.000	0.1	U	0.1		
10/18/06	CCB	Chloride	0.064	0.1	U	0.1		

U = Undetected

Schedule File: C:\PeakNet\schedule\18oct06A.SCH

010187

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	ICV	Sample		anions060826a.met	061018a_001.dxd	20
2	ICB	Sample		anions060826a.met	061018a_002.dxd	1
3	286156	Sample		anions060826a.met	061018a_003.dxd	1
4	286156D	Sample		anions060826a.met	061018a_004.dxd	1
5	286156S	Sample		anions060826a.met	061018a_005.dxd	1
6	286157	Sample		anions060826a.met	061018a_006.dxd	1
7	286158	Sample		anions060826a.met	061018a_007.dxd	1
8	286159	Sample		anions060826a.met	061018a_008.dxd	1
9	286160	Sample		anions060826a.met	061018a_009.dxd	1
10	286161	Sample		anions060826a.met	061018a_010.dxd	1
11	286162	Sample		anions060826a.met	061018a_011.dxd	1
12	286163	Sample		anions060826a.met	061018a_012.dxd	1
13	CCV	Sample		anions060826a.met	061018a_013.dxd	20
14	CCB	Sample		anions060826a.met	061018a_014.dxd	1
15	286164	Sample		anions060826a.met	061018a_015.dxd	1
16	286165	Sample		anions060826a.met	061018a_016.dxd	1
17	286166	Sample		anions060826a.met	061018a_017.dxd	1
18	286167	Sample		anions060826a.met	061018a_018.dxd	1
19	286168	Sample		anions060826a.met	061018a_019.dxd	1
20	286169	Sample		anions060826a.met	061018a_020.dxd	1
21	CCV	Sample		anions060826a.met	061018a_021.dxd	20
22	CCB	Sample		anions060826a.met	061018a_022.dxd	1
23	287760 DF100	Sample		anions060826a.met	061018a_023.dxd	100
24	287760D DF100	Sample		anions060826a.met	061018a_024.dxd	100
25	287760S DF100	Sample		anions060826a.met	061018a_025.dxd	100
26	287761 DF100	Sample		anions060826a.met	061018a_026.dxd	100
27	287762 DF100	Sample		anions060826a.met	061018a_027.dxd	100
28	287763 DF100	Sample		anions060826a.met	061018a_028.dxd	100
29	286166 DF50	Sample		anions060826a.met	061018a_017.dxd	50
30	286167 DF50	Sample		anions060826a.met	061018a_018.dxd	50
31	286168 DF50	Sample		anions060826a.met	061018a_019.dxd	50
32	286169 DF50	Sample		anions060826a.met	061018a_020.dxd	50
33	CCV	Sample		anions060826a.met	061018a_033.dxd	20
34	CCB	Sample		anions060826a.met	061018a_034.dxd	1
35	287760 DF5	Sample		anions060826a.met	061018a_035.dxd	5
36	287760D DF5	Sample		anions060826a.met	061018a_036.dxd	5
37	287760S DF5	Sample		anions060826a.met	061018a_037.dxd	5
38	287761	Sample		anions060826a.met	061018a_038.dxd	1
39	287762	Sample		anions060826a.met	061018a_039.dxd	1
40	287763	Sample		anions060826a.met	061018a_040.dxd	1
41	286166 DF100	Sample		anions060826a.met	061018a_041.dxd	100
42	CCV	Sample		anions060826a.met	061018a_042.dxd	20
43	CCB	Sample		anions060826a.met	061018a_043.dxd	1
44	286222	Sample		anions060826a.met	061018a_044.dxd	1
45	286223	Sample		anions060826a.met	061018a_045.dxd	1
46	287406	Sample		anions060826a.met	061018a_046.dxd	1
47	287407	Sample		anions060826a.met	061018a_047.dxd	1
48	288097	Sample		anions060826a.met	061018a_048.dxd	1
49	288098	Sample		anions060826a.met	061018a_049.dxd	1
50	CCV	Sample		anions060826a.met	061018a_050.dxd	20
51	CCB	Sample		anions060826a.met	061018a_051.dxd	1

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\061018A
Comment:
DIV 20 06002.01.242 TO#0609153, 061005-13
DIV 20 06002.01.322 TO#060916-6,061002-7, 061013-8

ICV Sources:
1) SPEX LOT#33-13AS (INORG#6118)
F = 100 mg/L
Cl = 200 mg/L
Br = 400 mg/L

11/14/06

NO3N = 90.4 mg/L
PO4P = 196 mg/L
SO4 = 400 mg/L

2) 29-01-IC6
NO2N 106 mg/L

Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 1
Data File Name : c:\peaknet\data\061018a\061018A_001.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

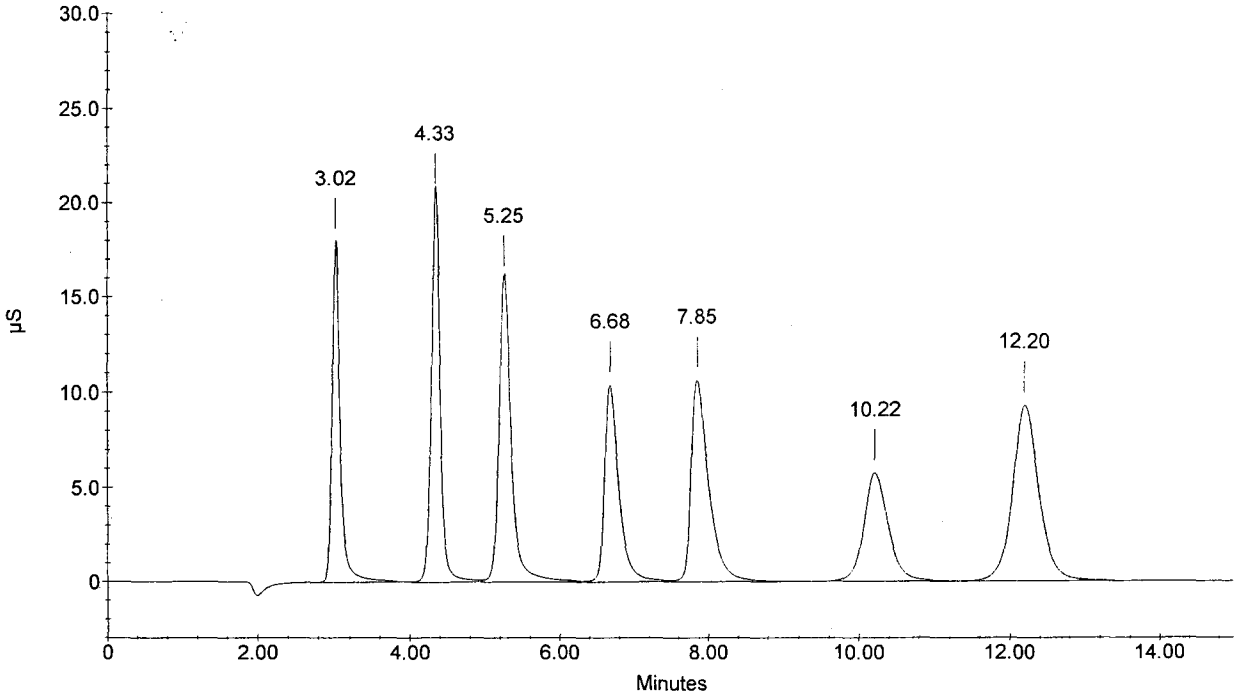
Date Time Collected : 10/18/06 11:28:49 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010189

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.861	179502	1273772	2	-2.37
2	4.33	CHLORIDE	211.560	203238	1712501	2	-4.13
3	5.25	NITRITE-N	109.032	159705	1842121	2	-5.06
4	6.68	BROMIDE	422.478	103654	1397091	2	-5.60
5	7.85	NITRATE-N	92.655	106080	1781281	2	-4.27
6	10.22	PHOSPHATE-P	200.288	57418	1314884	2	-5.40
7	12.20	SULFATE	409.926	92732	2302698	2	-6.58
	0.00		---total(s)--- 1549.799		11624347		

ICV



010190

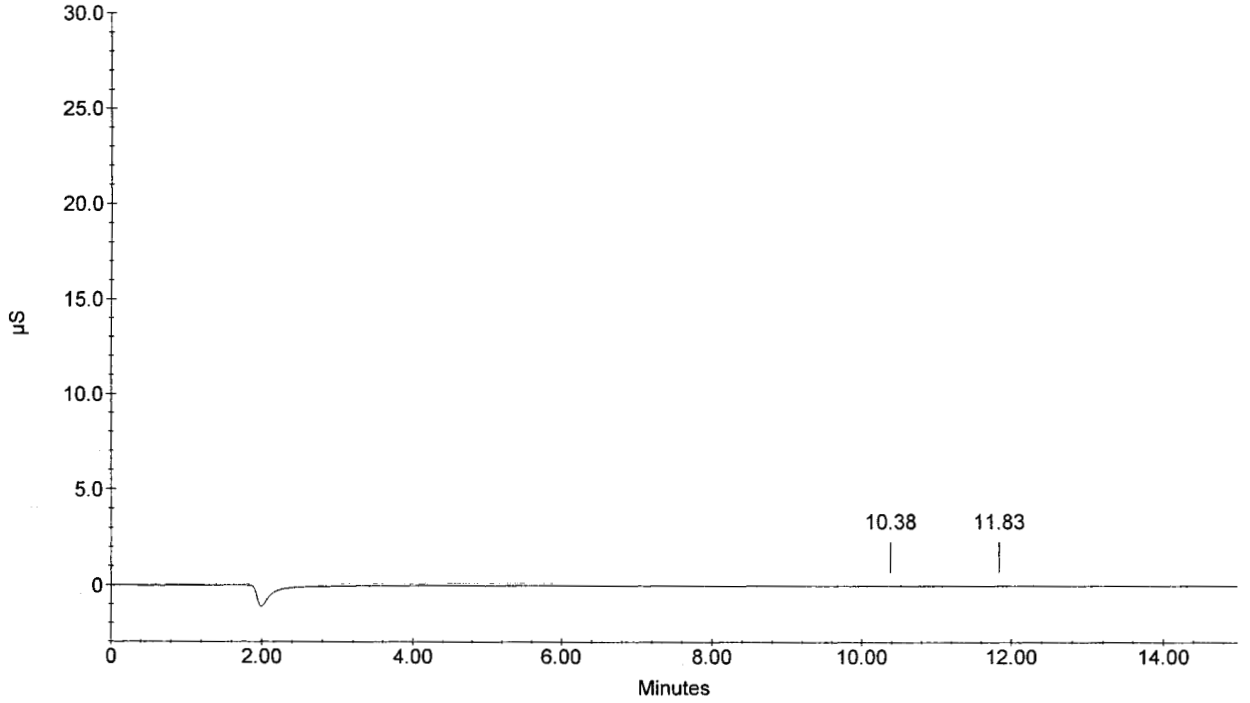
Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 2
Data File Name : c:\peaknet\data\061018a\061018A_002.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 11:46:28 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	10.38	PHOSPHATE-P CHLORIDE NITRITE-N BROMIDE NITRATE-N	0.030	55	994	1	-3.86
1	10.38	PHOSPHATE-P	0.030	55	994	1	-3.86
2	11.83	SULFATE	0.030	48	522	1	-9.39
	0.00	---total(s)---	0.090		2511		

ICB



Sample Name : 286156
Dilution Factor : 1.00
Injection Number : 3
Data File Name : c:\peaknet\data\061018a\061018A_003.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

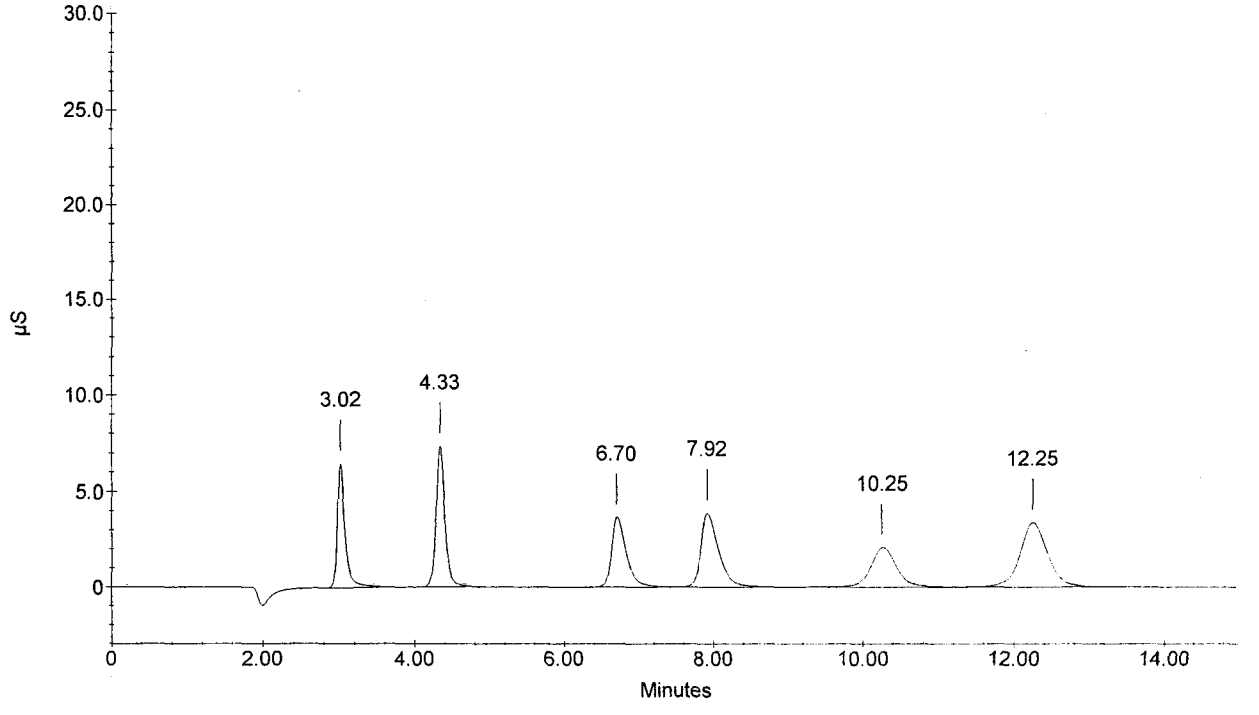
Date Time Collected : 10/18/06 12:04:07 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010191

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.970	64425	459708	1	-2.37
2	4.33	CHLORIDE NITRITE-N	3.972	73047	607395	1	-4.13
3	6.70	BROMIDE	8.220	36301	513581	2	-5.37
4	7.92	NITRATE-N	1.742	38717	655197	2	-3.46
5	10.25	PHOSPHATE-P	4.036	20706	504514	2	-5.09
6	12.25	SULFATE	8.284	33632	863539	2	-6.20
	0.00		---total(s)--- 28.224		3603934		

286156



Sample Name : 286156D
Dilution Factor : 1.00
Injection Number : 4
Data File Name : c:\peaknet\data\061018a\061018A_004.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

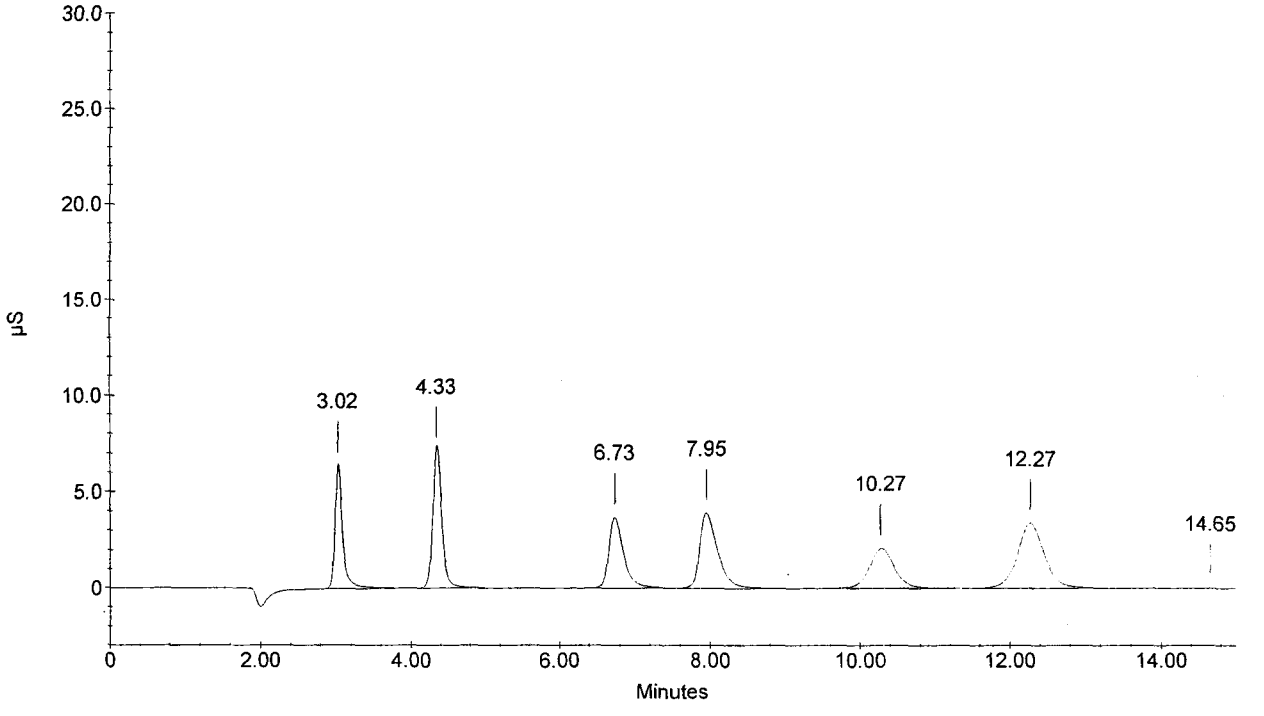
Date Time Collected : 10/18/06 12:21:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010192

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.988	63813	464027	1	-2.37
2	4.33	CHLORIDE NITRITE-N	4.006	70865	612860	1	-4.13
3	6.73	BROMIDE	8.276	36757	517158	2	-4.90
4	7.95	NITRATE-N	1.750	38897	658055	2	-3.05
5	10.27	PHOSPHATE-P	3.992	20756	498914	2	-4.94
6	12.27	SULFATE	8.244	33605	859219	2	-6.07
	0.00		---total(s)--- 28.257		3610234		

286156D



010193

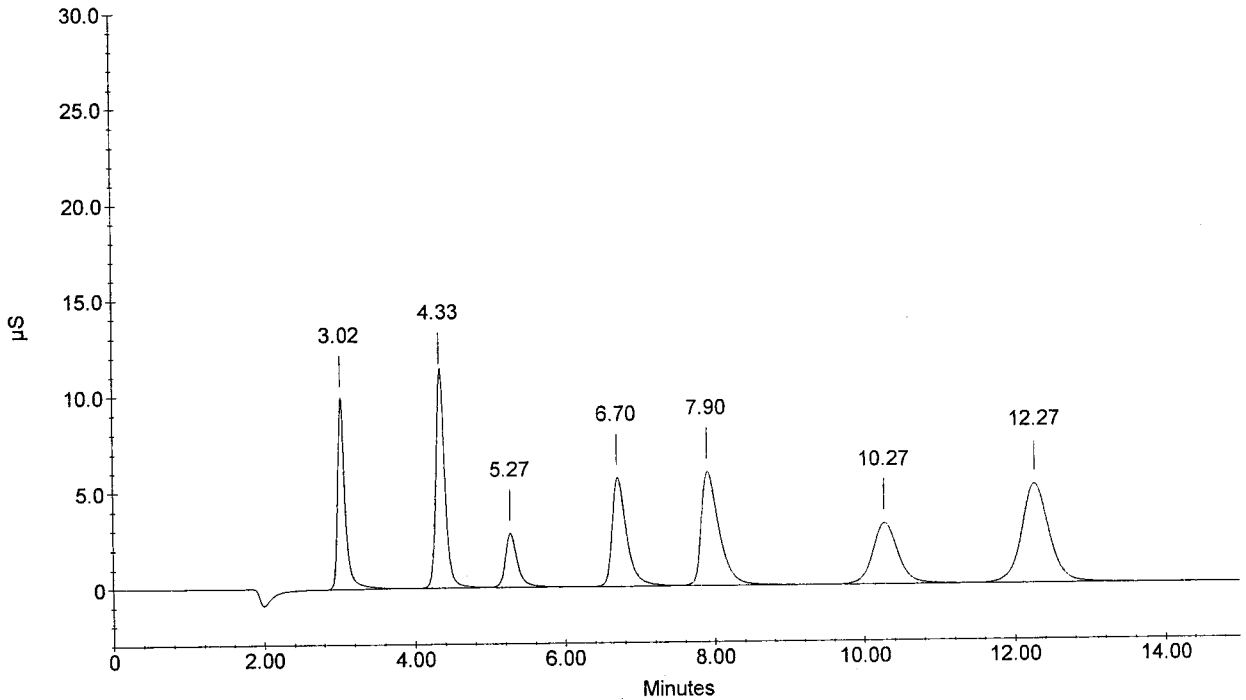
Sample Name : 286156S
Dilution Factor : 1.00
Injection Number : 5
Data File Name : c:\peaknet\data\061018a\061018A_005.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 12:39:24 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.956	98317	701525	1	-2.37
2	4.33	CHLORIDE	5.988	109496	932615	2	-4.13
3	5.27	NITRITE-N	1.037	27924	325290	2	-4.76
4	6.70	BROMIDE	12.259	56072	779113	2	-5.37
5	7.90	NITRATE-N	2.623	58923	993100	2	-3.66
6	10.27	PHOSPHATE-P	5.896	31686	748421	2	-4.94
7	12.27	SULFATE	12.259	51415	1307550	2	-6.07
	0.00		---total(s)--- 43.018		5787614		

286156S



Sample Name : 286157
Dilution Factor : 1.00
Injection Number : 6
Data File Name : c:\peaknet\data\061018a\061018A_006.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

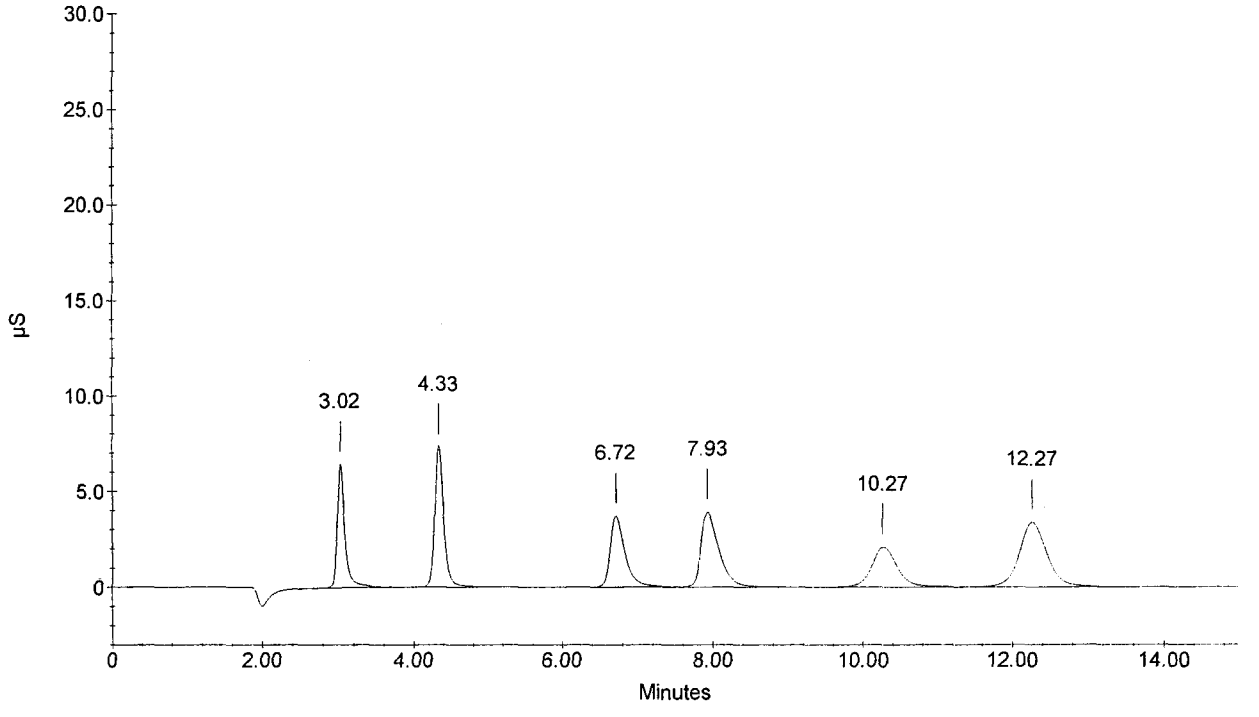
Date Time Collected : 10/18/06 12:57:03 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010194

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.971	64246	459935	1	-2.37
2	4.33	CHLORIDE NITRITE-N	3.997	72816	611334	1	-4.13
3	6.72	BROMIDE	8.266	36861	516572	2	-5.13
4	7.93	NITRATE-N	1.747	38979	656912	2	-3.25
5	10.27	PHOSPHATE-P	4.023	20786	502877	2	-4.94
6	12.27	SULFATE	8.288	33681	863951	2	-6.07
	0.00		---total(s)--- 28.292		3611582		

286157



Sample Name : 286158
Dilution Factor : 1.00
Injection Number : 7
Data File Name : ...\061018A_007.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

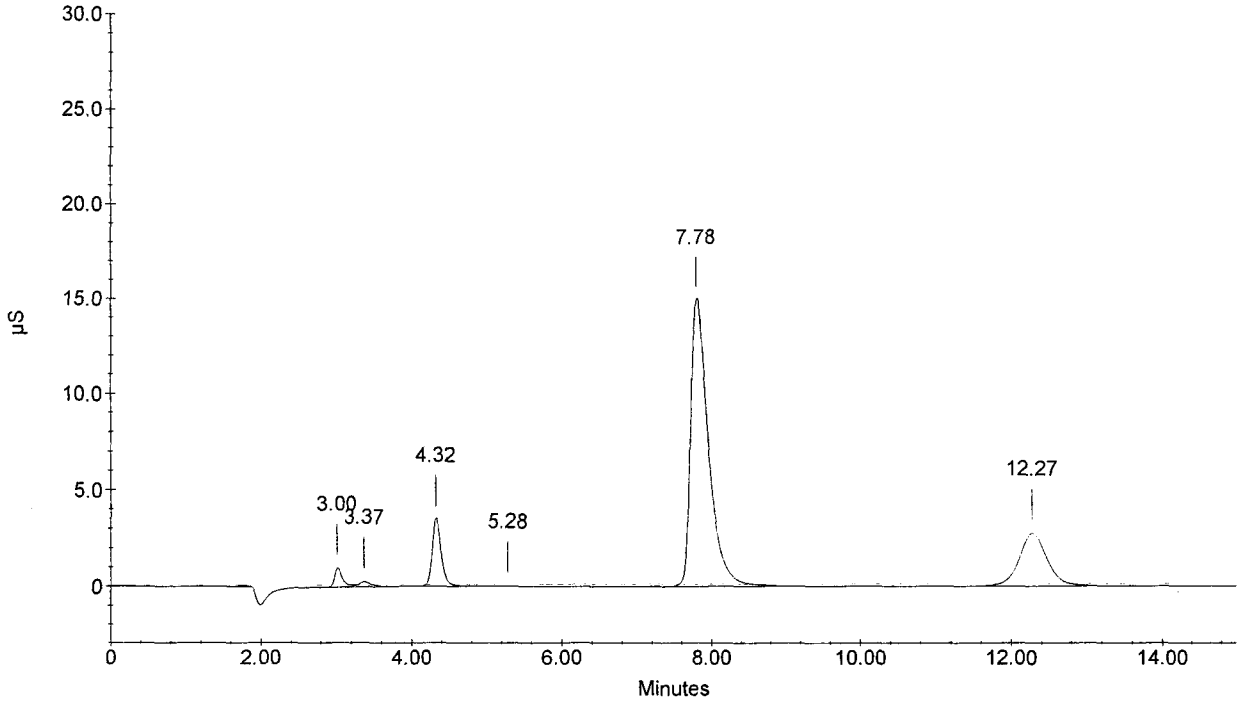
Date Time Collected : 10/18/06 1:14:41 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010195

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.344	9786	74682	2	-2.91
3	4.32	CHLORIDE	1.958	34345	291829	1	-4.50
4	5.28	NITRITE-N BROMIDE	0.024	138	1171	1	-4.46
5	7.78	NITRATE-N PHOSPHATE-P	6.391	149074	2492427	1	-5.08
6	12.27	SULFATE	6.843	27273	707416	1	-6.07
	0.00		---total(s)--- 15.559		3567525		

286158



010196

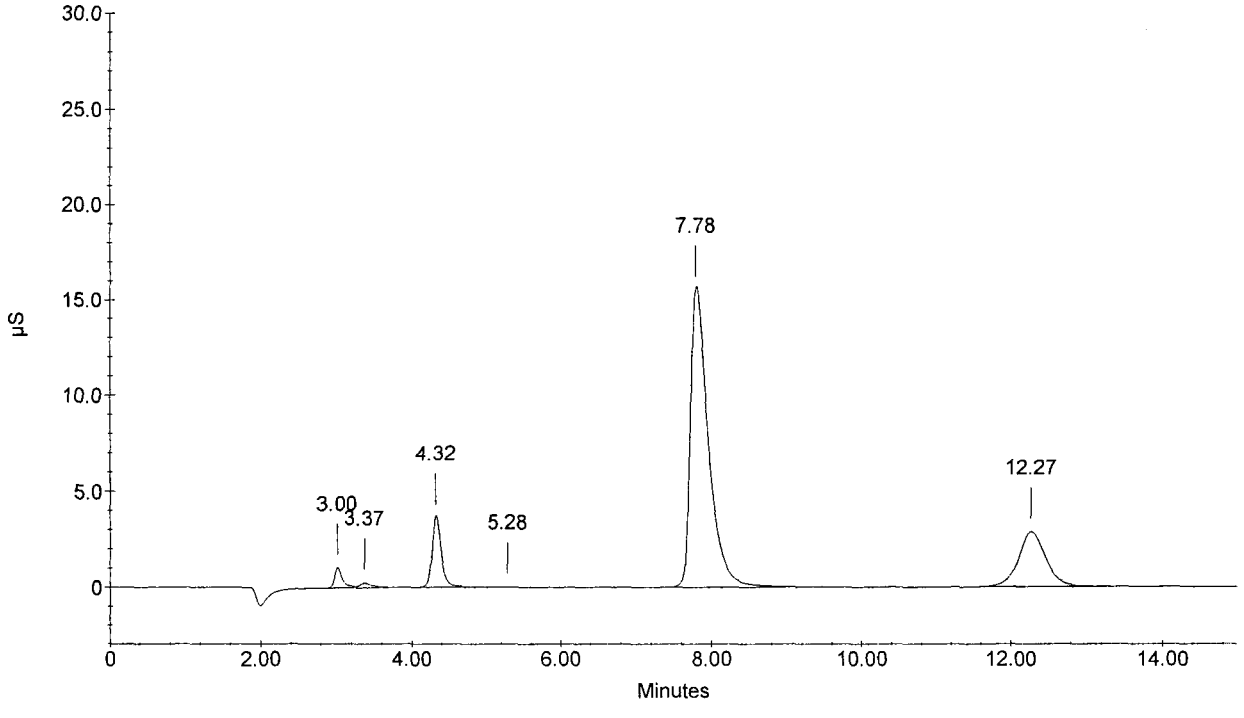
Sample Name : 286159
Dilution Factor : 1.00
Injection Number : 8
Data File Name : ...\061018A_008.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 1:32:20 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.359	10363	78297	2	-2.91
3	4.32	CHLORIDE	2.100	36096	313824	2	-4.50
4	5.28	NITRITE-N BROMIDE	0.027	201	2215	2	-4.46
5	7.78	NITRATE-N PHOSPHATE-P	6.671	155259	2607908	1	-5.08
6	12.27	SULFATE	7.040	28540	728711	1	-6.07
	0.00	---total(s)---	16.199		3730956		

286159



Sample Name : 286160
Dilution Factor : 1.00
Injection Number : 9
Data File Name : ...\061018A_009.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

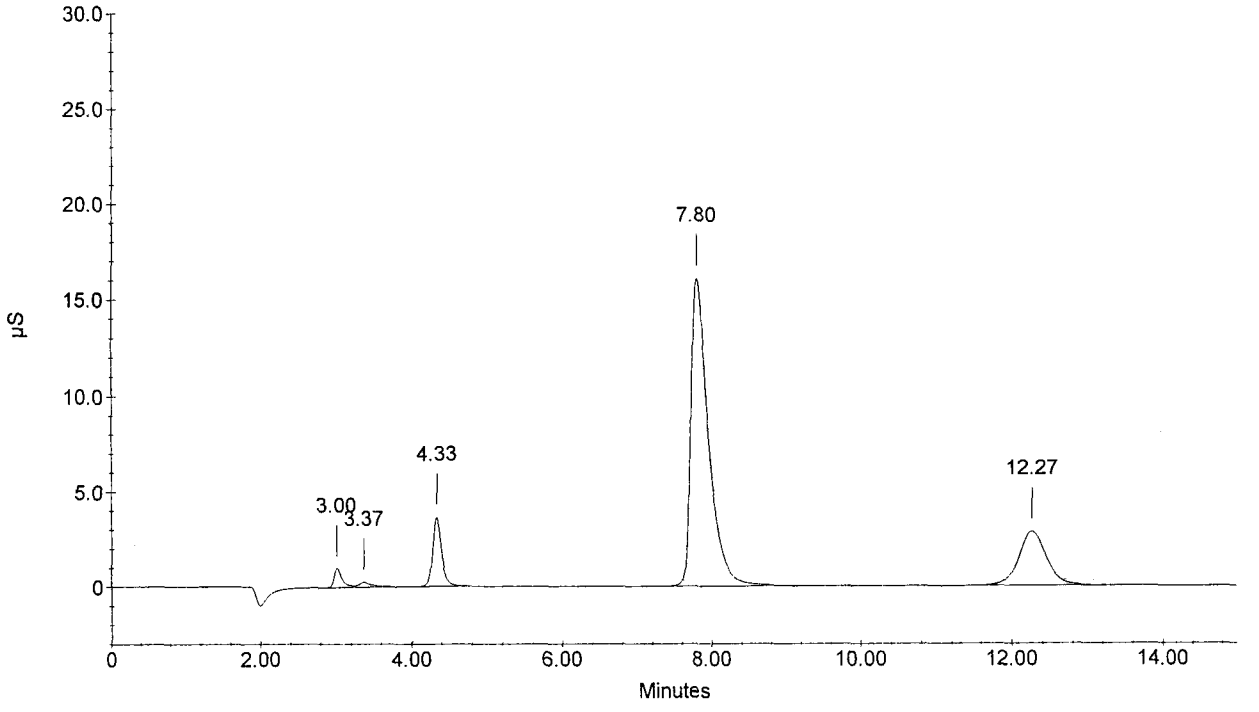
Date Time Collected : 10/18/06 1:49:59 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010197

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.349	9811	75906	2	-2.91
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.004	36270	298873	1	-4.13
4	7.80	NITRATE-N PHOSPHATE-P	6.796	160254	2659588	1	-4.88
5	12.27	SULFATE	7.079	28604	732872	1	-6.07
	0.00		---total(s)--- 16.228		3767238		

286160



010198

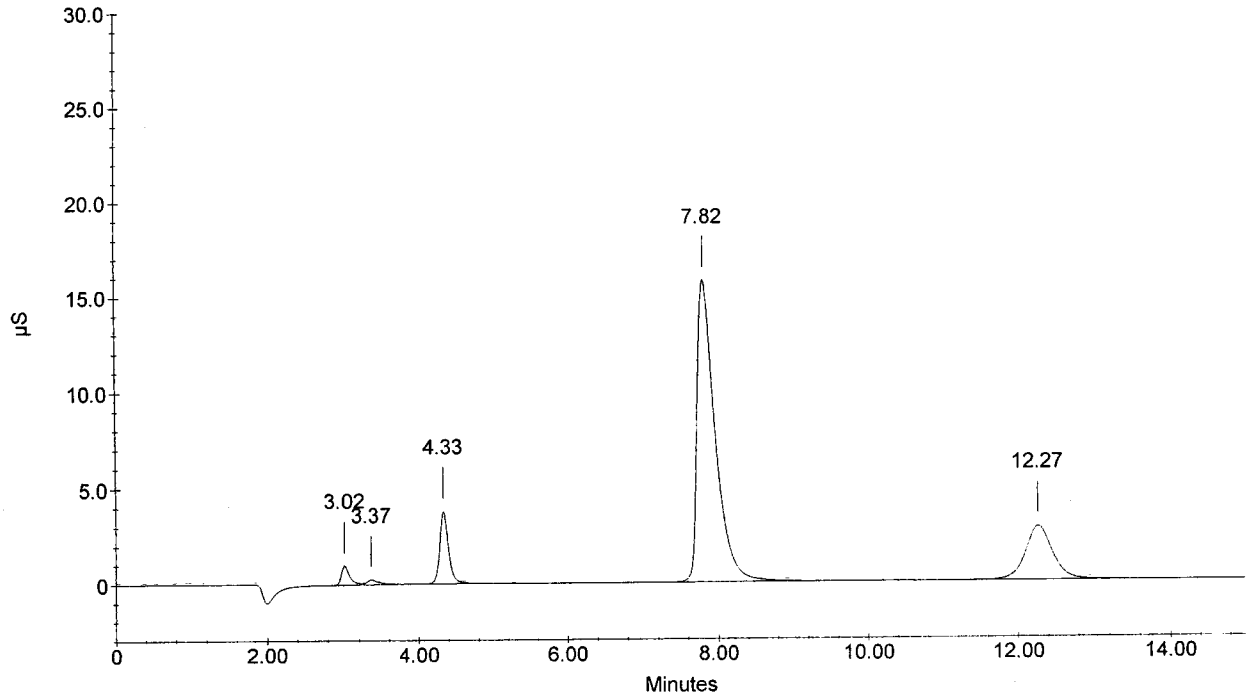
Sample Name : 286161
Dilution Factor : 1.00
Injection Number : 10
Data File Name : c:\peaknet\data\061018a\061018A_010.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 2:07:38 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.344	10219	74791	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.084	37507	311358	1	-4.13
4	7.82	NITRATE-N PHOSPHATE-P	6.702	157370	2620715	1	-4.67
5	12.27	SULFATE	6.937	28027	717523	1	-6.07
	0.00		---total(s)--- 16.067		3724387		

286161



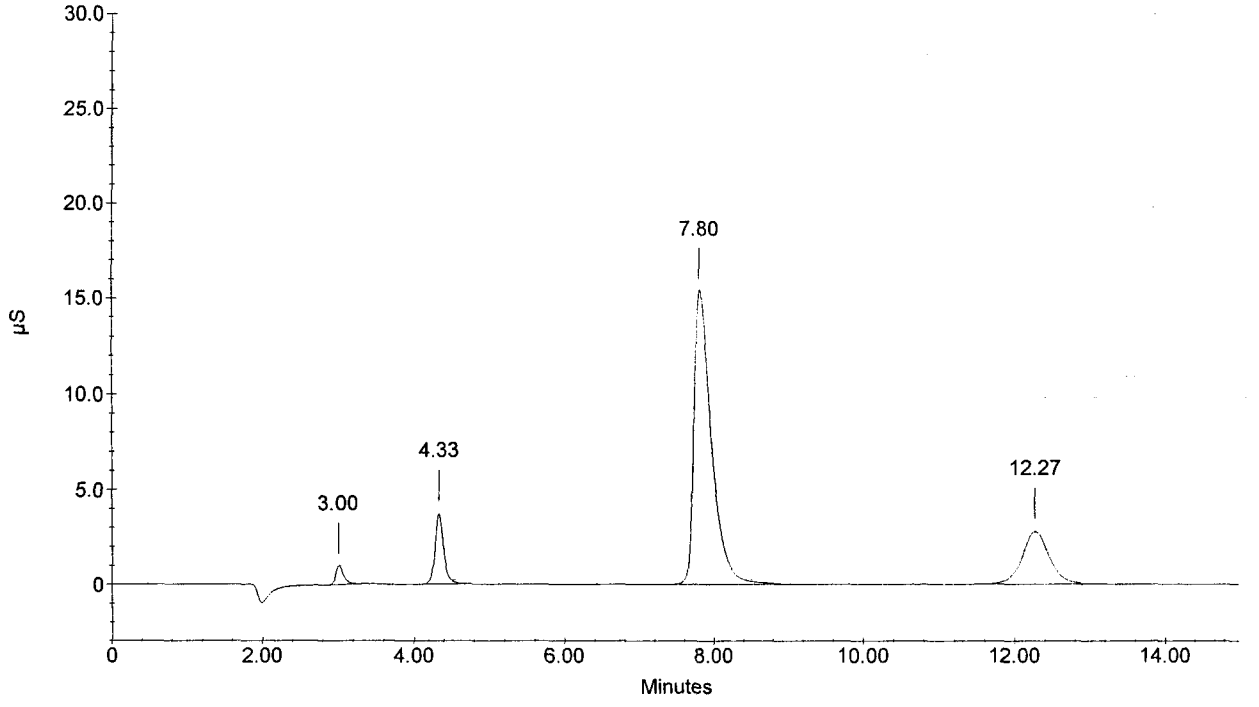
Sample Name : 286162
Dilution Factor : 1.00
Injection Number : 11
Data File Name : c:\peaknet\data\061018a\061018A_011.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 2:25:18 PM **010199**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.322	9702	69612	1	-2.91
2	4.33	CHLORIDE NITRITE-N BROMIDE	2.054	36984	306613	1	-4.13
3	7.80	NITRATE-N PHOSPHATE-P	6.549	152689	2557581	1	-4.88
4	12.27	SULFATE	6.939	27866	717784	1	-6.07
	0.00		---total(s)--- 15.864		3651590		

286162



Sample Name : 286163
Dilution Factor : 1.00
Injection Number : 12
Data File Name : c:\peaknet\data\061018a\061018A_012.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

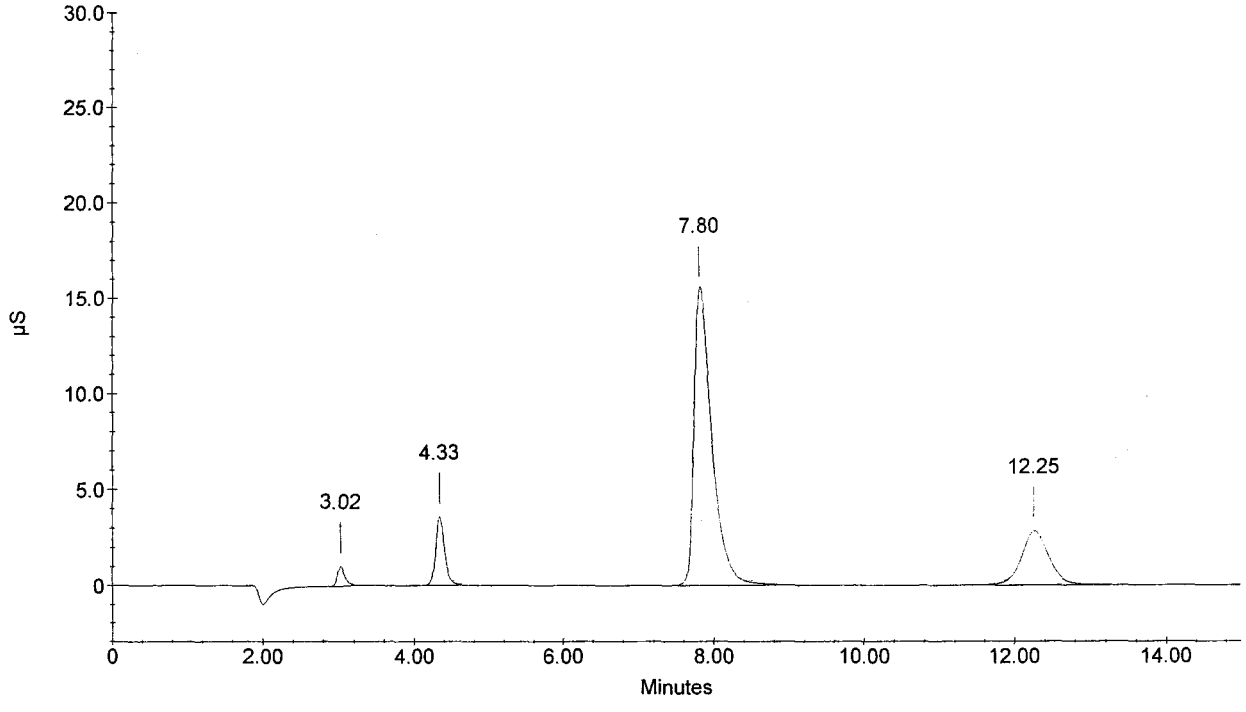
Date Time Collected : 10/18/06 2:42:58 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010200

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.330	10384	71450	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	2.014	35669	300419	1	-4.13
3	7.80	NITRATE-N PHOSPHATE-P	6.621	154316	2587135	1	-4.88
4	12.25	SULFATE	7.045	28230	729210	1	-6.20
	0.00		---total(s)--- 16.009		3688214		

286163



010201

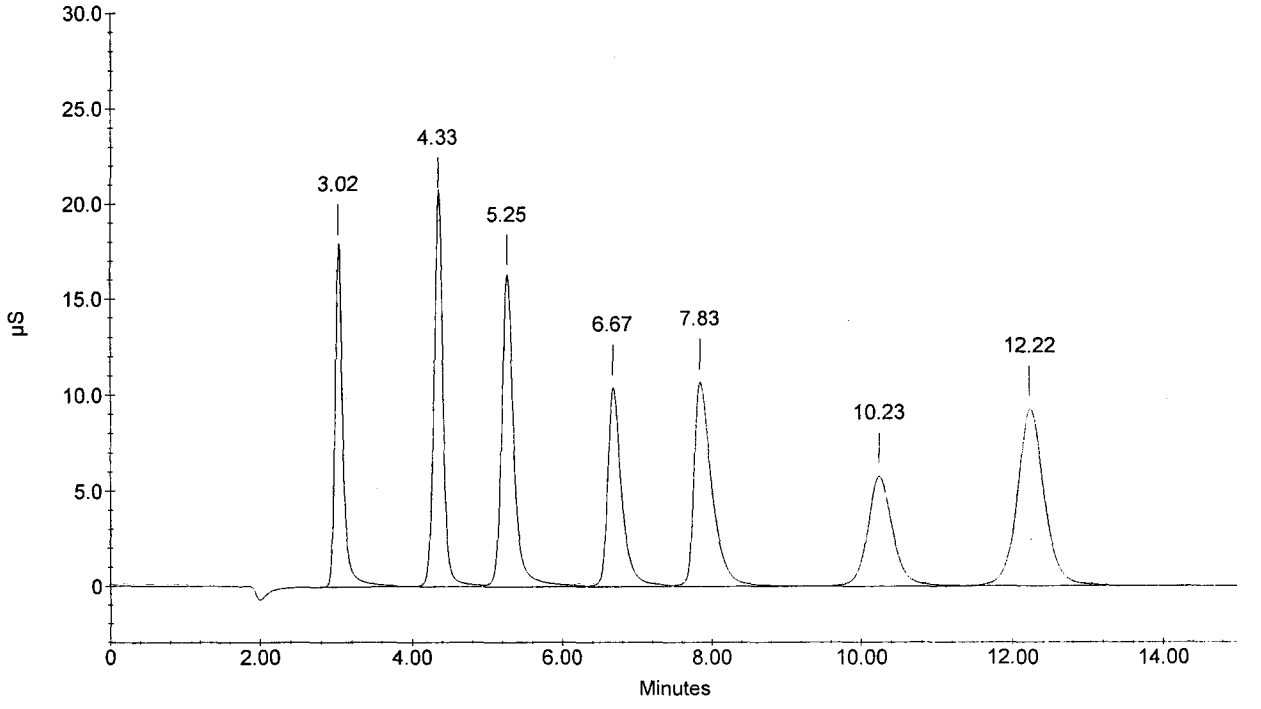
Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 13
Data File Name : c:\peaknet\data\061018a\061018A_013.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 3:00:37 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.645	177400	1270945	2	-2.37
2	4.33	CHLORIDE	210.569	201979	1703749	2	-4.13
3	5.25	NITRITE-N	109.250	161342	1846065	2	-5.06
4	6.67	BROMIDE	423.215	103675	1399772	2	-5.84
5	7.83	NITRATE-N	93.764	106612	1803411	2	-4.47
6	10.23	PHOSPHATE-P	203.374	57631	1336891	2	-5.25
7	12.22	SULFATE	412.359	92472	2318285	2	-6.46
	0.00		---total(s)--- 1556.176		11679118		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 14
Data File Name : c:\peaknet\data\061018a\061018A_014.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

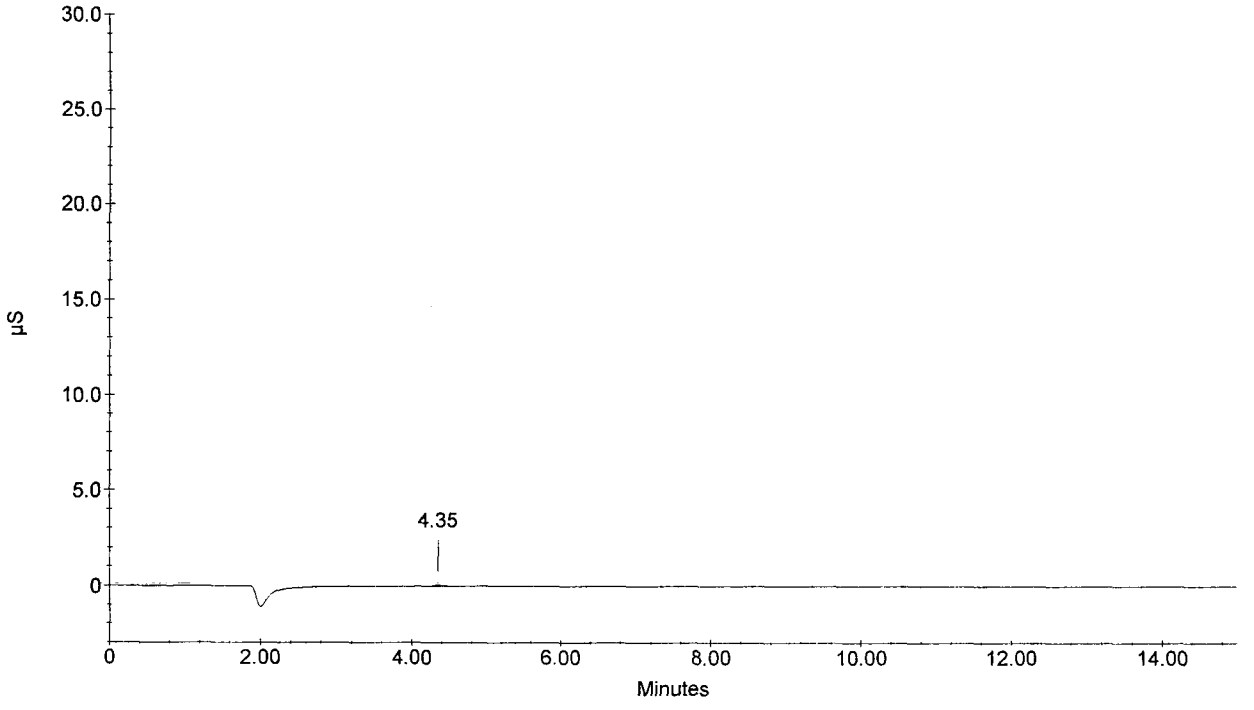
Date Time Collected : 10/18/06 3:18:17 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010202

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.35	CHLORIDE	0.086	767	6158	1	-3.76
1	4.35	CHLORIDE	0.086	767	6158	1	-3.76
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
	0.00		0.173		12316		

CCB



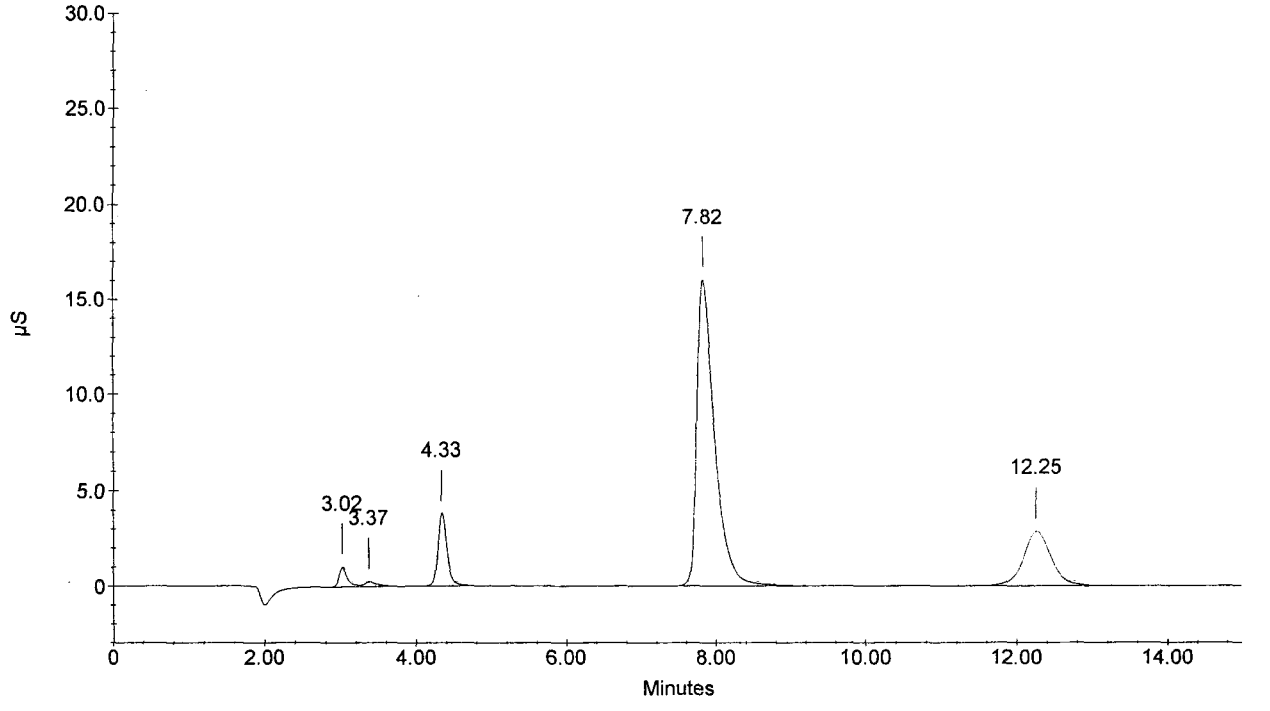
Sample Name : 286164
Dilution Factor : 1.00
Injection Number : 15
Data File Name : c:\peaknet\data\061018a\061018A_015.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 3:35:56 PM **010203**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.355	10446	77238	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.137	37449	319486	1	-4.13
4	7.82	NITRATE-N PHOSPHATE-P	6.791	159694	2657569	1	-4.67
5	12.25	SULFATE	7.066	28627	731492	1	-6.20
	0.00		---total(s)--- 16.349		3785786		

286164



010204

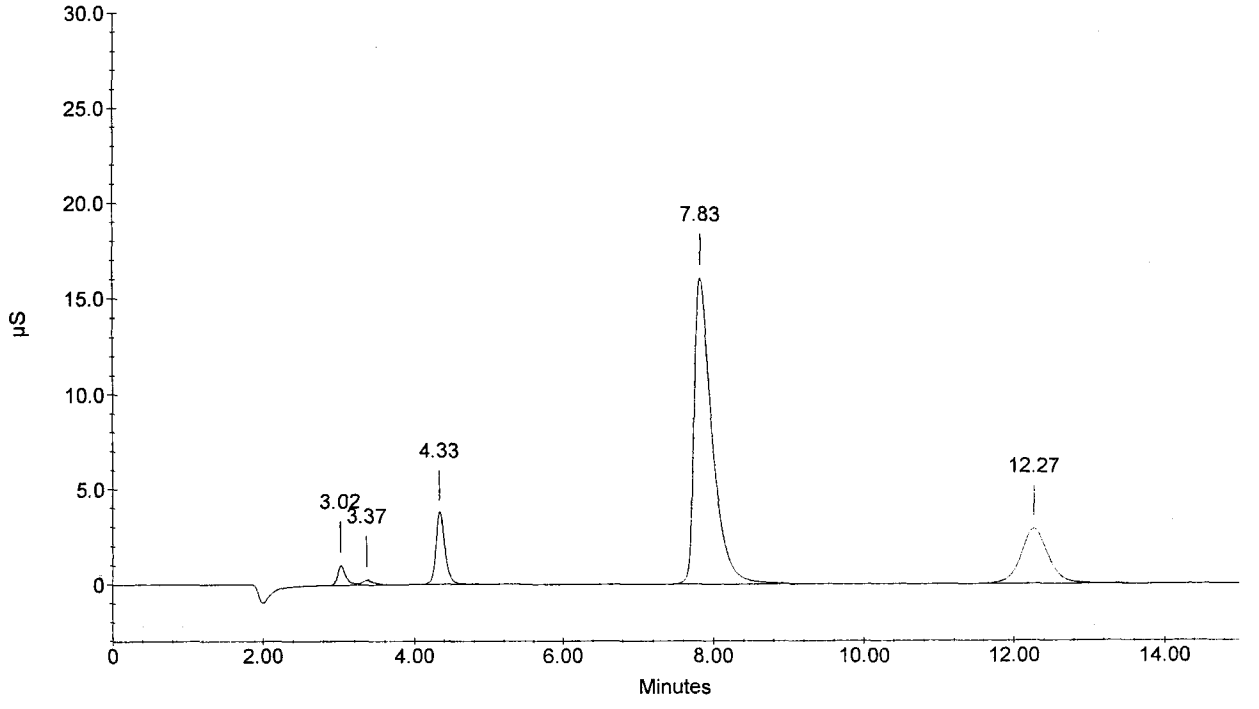
Sample Name : 286165
Dilution Factor : 1.00
Injection Number : 16
Data File Name : c:\peaknet\data\061018a\061018A_016.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 3:53:36 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.353	10429	76871	2	-2.37
3	4.33	CHLORIDE NITRITE-N BROMIDE	2.125	36819	317702	1	-4.13
4	7.83	NITRATE-N PHOSPHATE-P	6.829	160228	2673233	1	-4.47
5	12.27	SULFATE	7.084	28701	733399	1	-6.07
	0.00		---total(s)--- 16.392		3801206		

286165



Sample Name : 286166
Dilution Factor : 1.00
Injection Number : 17
Data File Name : ...\061018A_017.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

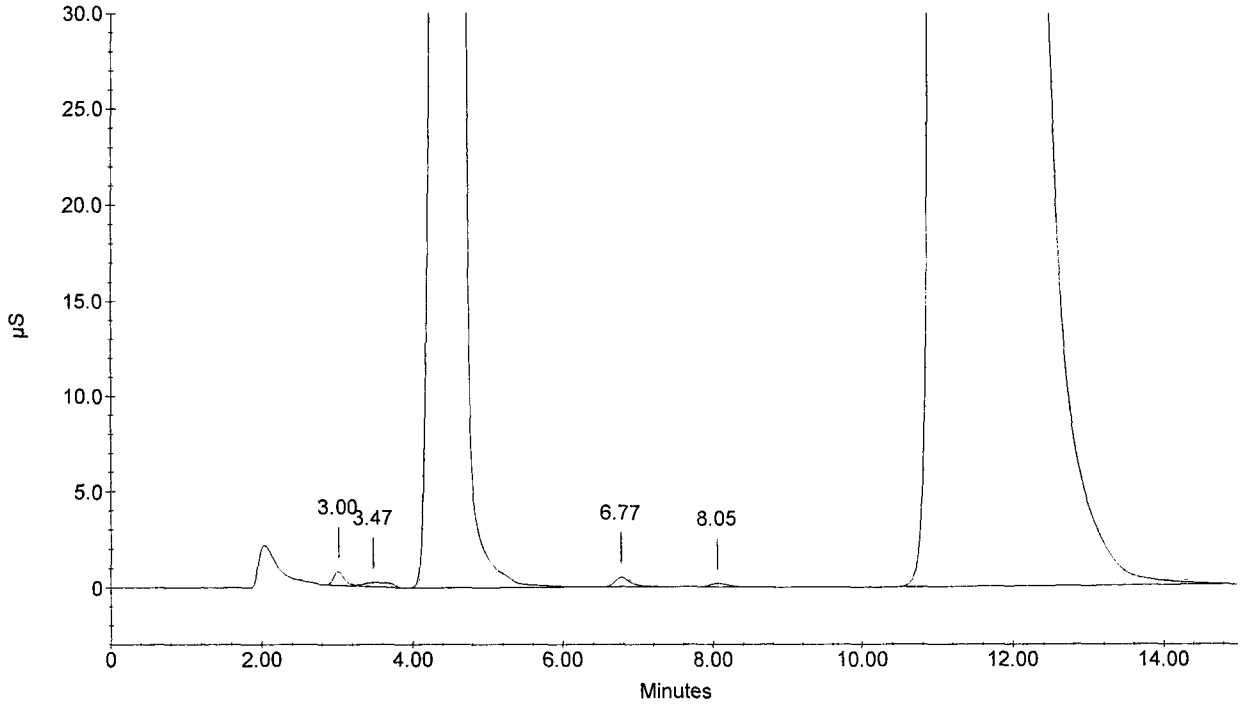
Date Time Collected : 10/18/06 4:11:15 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010205

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	0.333	7024	72096	2	-2.91
3	4.60	CHLORIDE NITRITE-N	-642.586	3560354	60630339	2	1.77
4	6.77	BROMIDE	1.222	4817	73418	2	-4.43
5	8.05	NITRATE-N PHOSPHATE-P	0.086	1879	31920	1	-1.83
6	11.03	SULFATE	-31381.055	5287884	269640475	1	-6.02
	0.00		---total(s)--- -32022.000		330448248		

286166



Sample Name : 286167
Dilution Factor : 1.00
Injection Number : 18
Data File Name : c:\peaknet\data\061018a\061018A_018.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

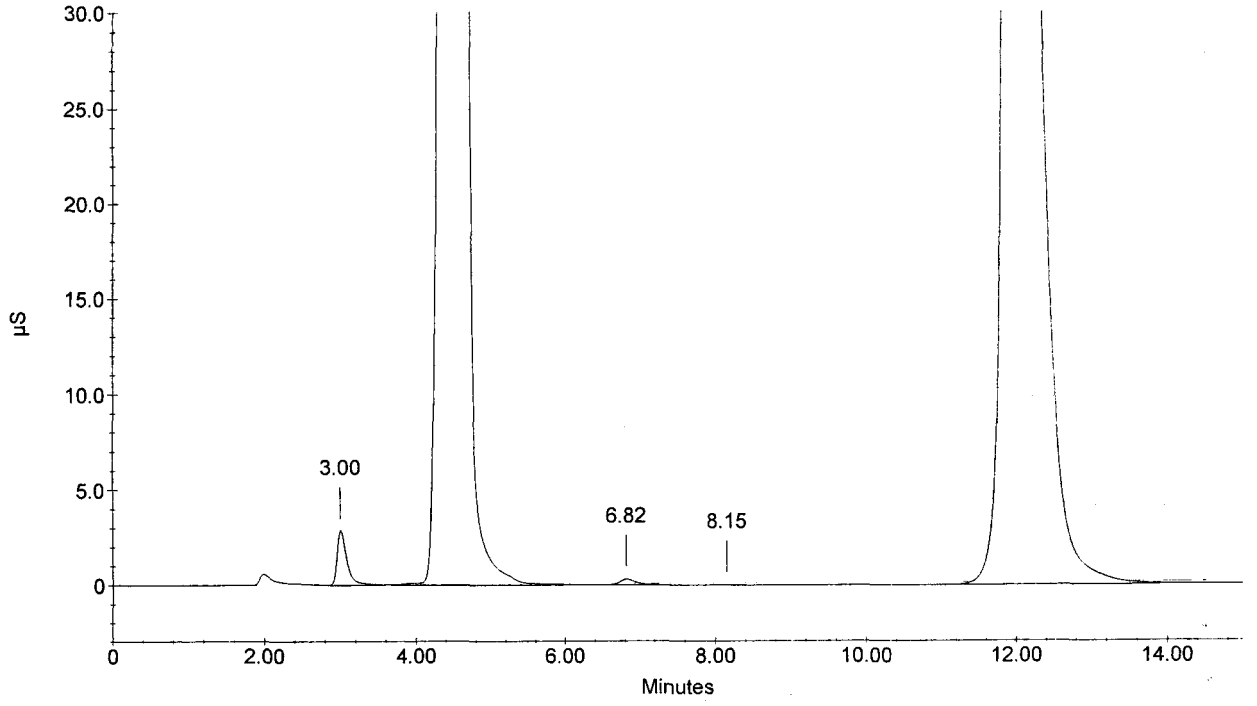
Date Time Collected : 10/18/06 4:28:55 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010206

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.00	FLUORIDE	1.131	28514	258846	2	-2.91
2	4.62	CHLORIDE NITRITE-N	-311.662	3044175	46783647	2	2.14
3	6.82	BROMIDE	0.798	3144	47498	2	-3.72
4	8.15	NITRATE-N PHOSPHATE-P	0.012	265	4279	1	-0.61
5	11.98	SULFATE	-80.358	1036616	27510743	1	-8.24
	0.00	---total(s)---	-390.080		74605013		

286167



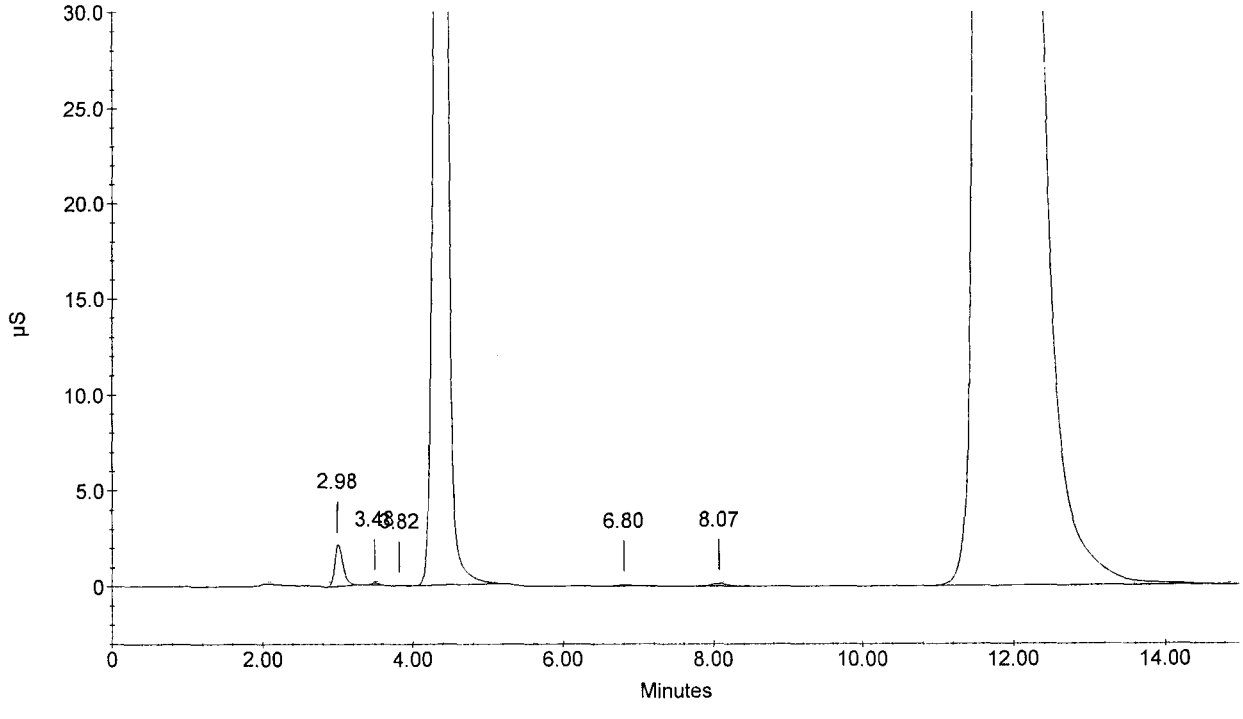
Sample Name : 286168
Dilution Factor : 1.00
Injection Number : 19
Data File Name : ...\061018A_019.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 4:46:35 PM **010207**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	0.716	21176	161178	1	-3.45
4	4.40	CHLORIDE	38.347	1123655	10431578	1	-2.65
		NITRITE-N					
5	6.80	BROMIDE	0.209	823	11649	1	-3.95
6	8.07	NITRATE-N	0.060	1335	22212	1	-1.63
		PHOSPHATE-P					
7	11.65	SULFATE	-2464.321	2464410	83933180	1	-7.47
	0.00	---total(s)---	-2424.989		94559797		

286168



Sample Name : 286169
Dilution Factor : 1.00
Injection Number : 20
Data File Name : ...\061018A_020.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

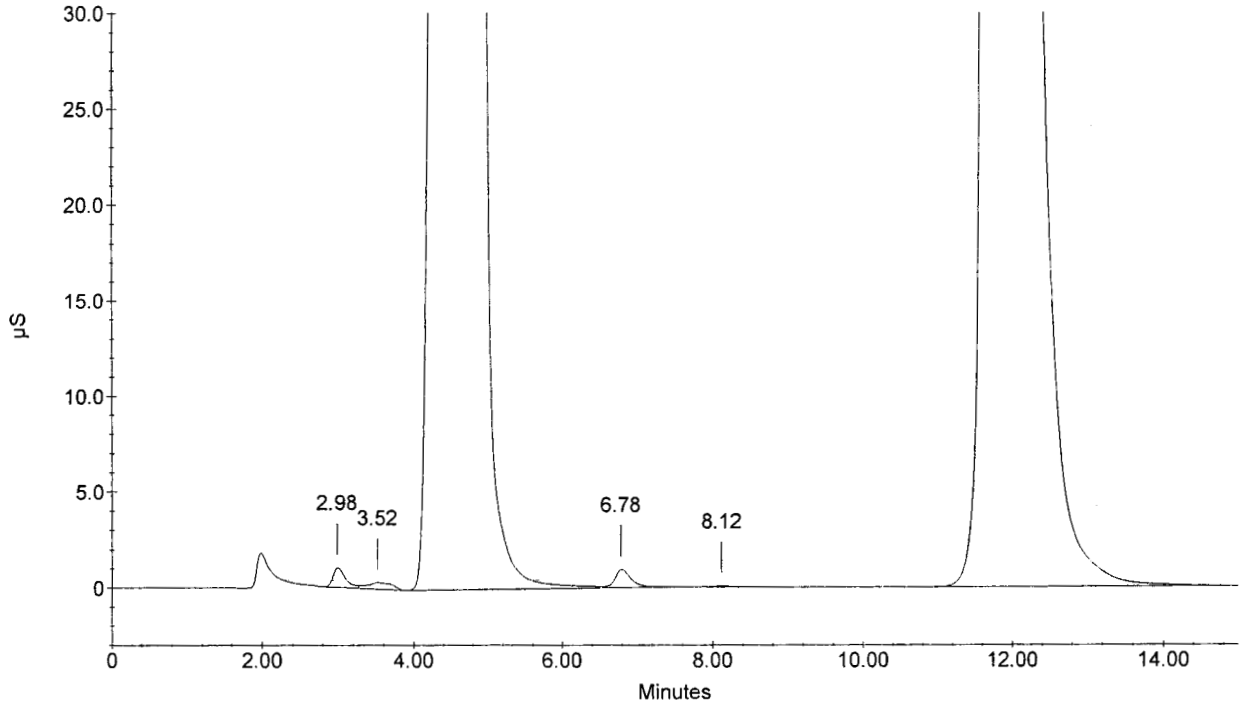
Date Time Collected : 10/18/06 5:04:15 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010208

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	2.98	FLUORIDE	0.523	10297	116306	2	-3.45
3	4.87	CHLORIDE NITRITE-N	-4976.122	5396005	144490349	2	7.67
4	6.78	BROMIDE	2.425	9509	147453	2	-4.19
5	8.12	NITRATE-N PHOSPHATE-P	0.027	604	10014	1	-1.02
6	11.73	SULFATE	-1580.845	2156813	69687116	1	-5.07
	0.00	---total(s)---	-6553.992		214451239		

286169



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 21
Data File Name : c:\peaknet\data\061018a\061018A_021.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

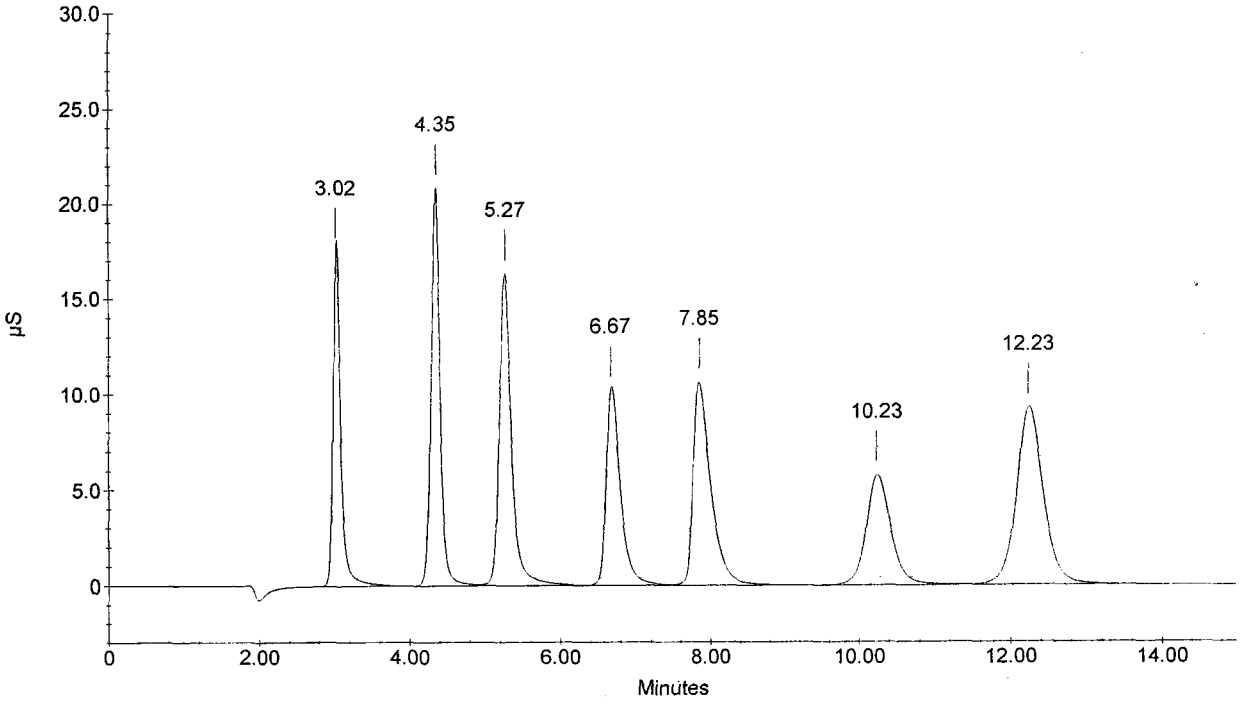
Date Time Collected : 10/18/06 5:21:54 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010209

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.886	174966	1260994	1	-2.37
2	4.35	CHLORIDE	208.741	208327	1687642	2	-3.76
3	5.27	NITRITE-N	107.984	163104	1823180	2	-4.76
4	6.67	BROMIDE	418.265	102196	1381774	2	-5.84
5	7.85	NITRATE-N	92.060	106305	1769441	2	-4.27
6	10.23	PHOSPHATE-P	201.058	57397	1320374	2	-5.25
7	12.23	SULFATE	411.746	92810	2314358	2	-6.33
	0.00		---total(s)--- 1542.741		11557763		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 22
Data File Name : c:\peaknet\data\061018a\061018A_022.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

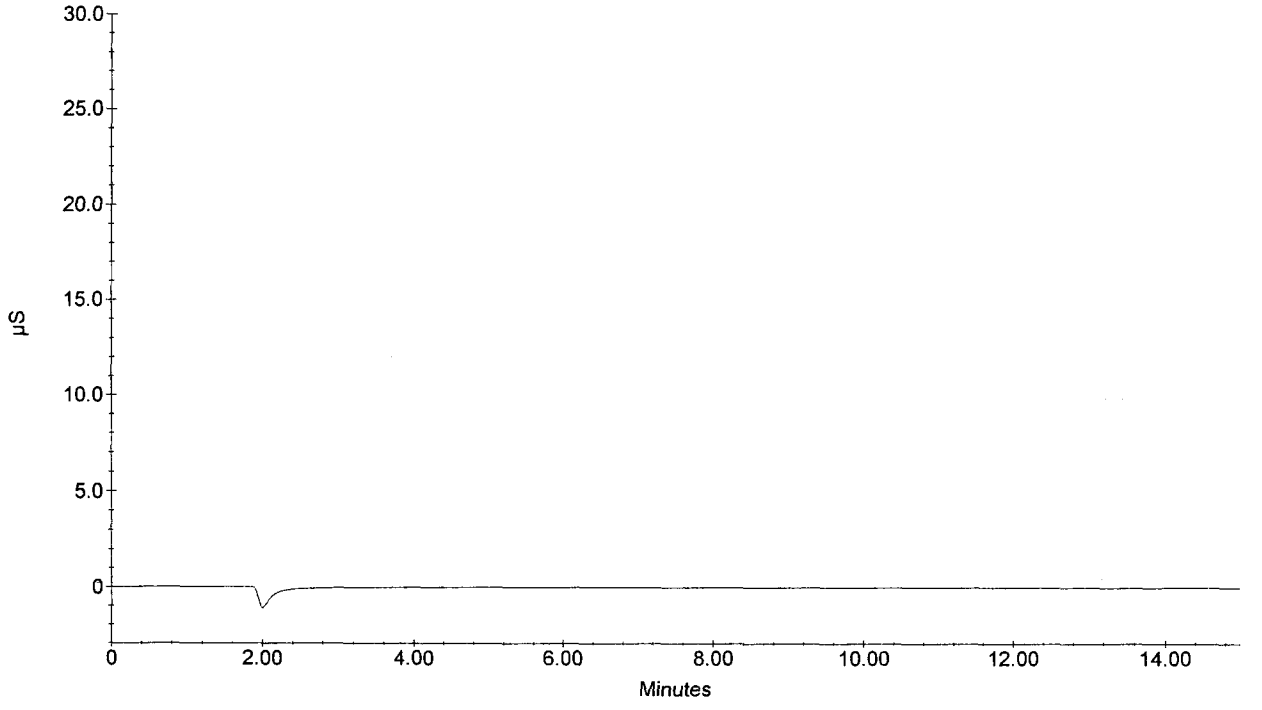
Date Time Collected : 10/18/06 5:39:35 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010210

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
	0.00	---total(s)---	0.000		0		

CCB



010211

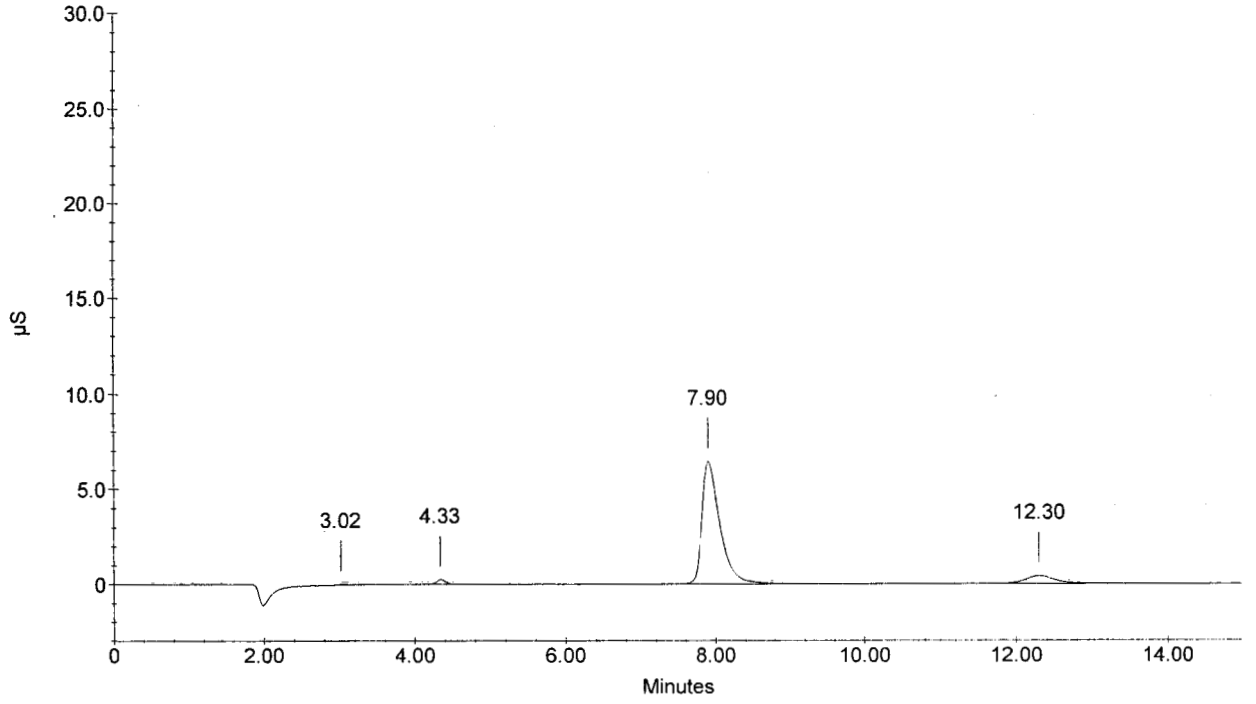
Sample Name : 287760 DF100
Dilution Factor : 100.00
Injection Number : 23
Data File Name : c:\peaknet\data\061018a\061018A_023.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 5:57:14 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	3.394	465	3369	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	18.273	2488	20696	1	-4.13
3	7.90	NITRATE-N PHOSPHATE-P	287.258	64169	1089515	1	-3.66
4	12.30	SULFATE	121.446	4204	120037	1	-5.82
	0.00		---total(s)--- 430.372		1233617		

287760 DF100



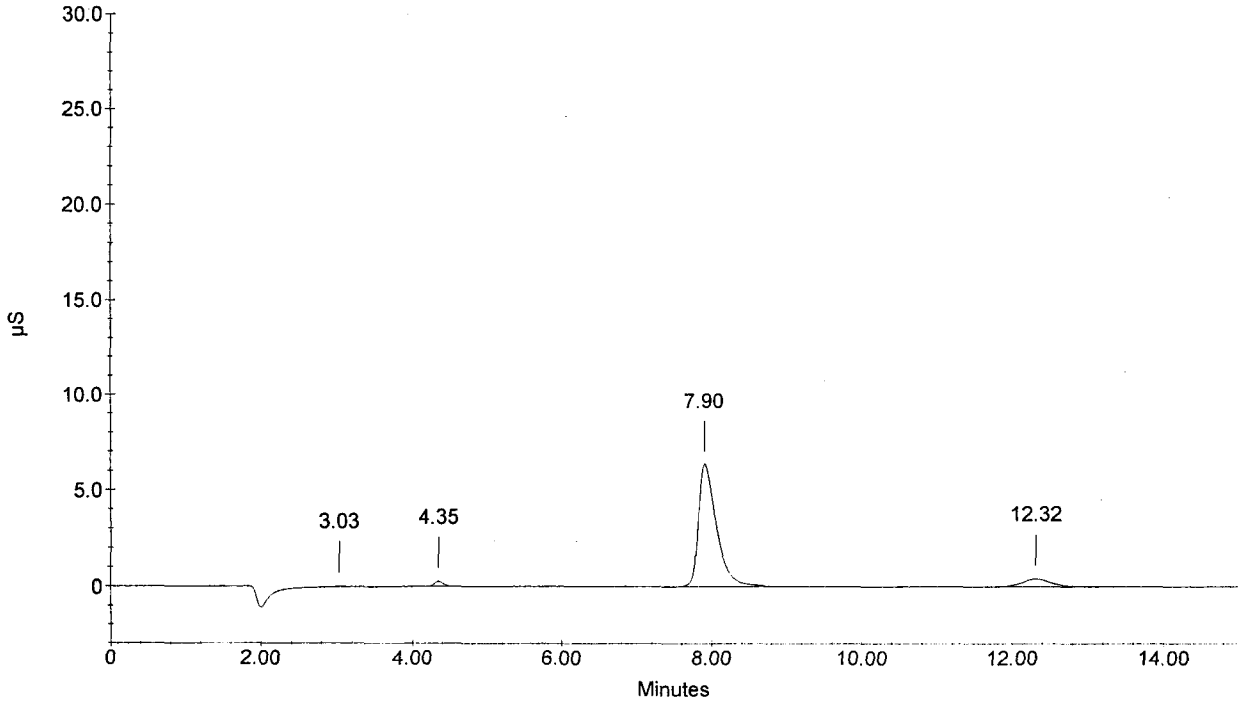
Sample Name : 287760D DF100
Dilution Factor : 100.00
Injection Number : 24
Data File Name : c:\peaknet\data\061018a\061018A_024.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 6:14:53 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	3.332	460	3228	1	-1.83
2	4.35	CHLORIDE NITRITE-N BROMIDE	18.209	2516	20599	1	-3.76
3	7.90	NITRATE-N PHOSPHATE-P	282.907	63096	1072656	1	-3.66
4	12.32	SULFATE	120.726	4081	119307	1	-5.69
	0.00		---total(s)--- 425.175		1215791		

287760D DF100



Sample Name : 287760S DF100
Dilution Factor : 100.00
Injection Number : 25
Data File Name : c:\peaknet\data\061018a\061018A_025.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

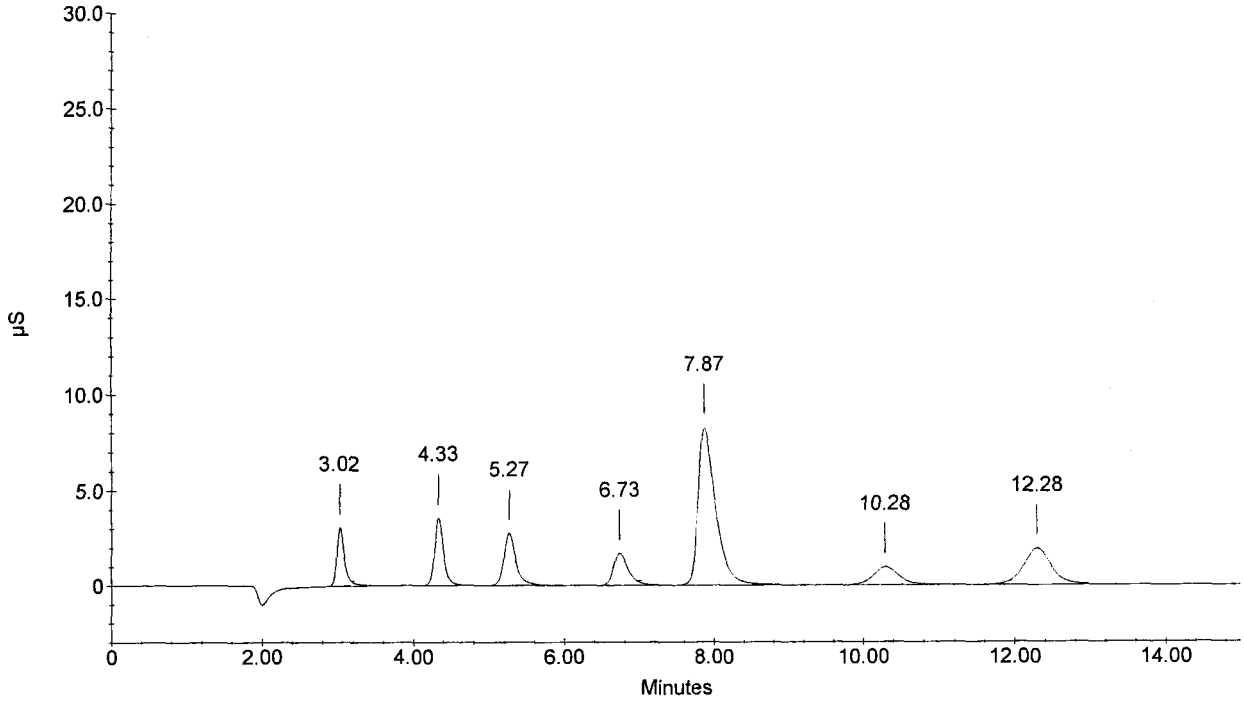
Date Time Collected : 10/18/06 6:32:32 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010213

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	99.166	30829	225893	1	-2.37
2	4.33	CHLORIDE	200.321	35586	298784	2	-4.13
3	5.27	NITRITE-N	99.052	27544	310143	2	-4.76
4	6.73	BROMIDE	393.458	17005	241232	2	-4.90
5	7.87	NITRATE-N	360.003	82243	1373058	2	-4.07
6	10.28	PHOSPHATE-P	193.559	9573	237040	2	-4.78
7	12.28	SULFATE	490.131	19270	500975	2	-5.95
	0.00		---total(s)--- 1835.689		3187124		

287760S DF100



Sample Name : 287761 DF100
Dilution Factor : 100.00
Injection Number : 26
Data File Name : c:\peaknet\data\061018a\061018A_026.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

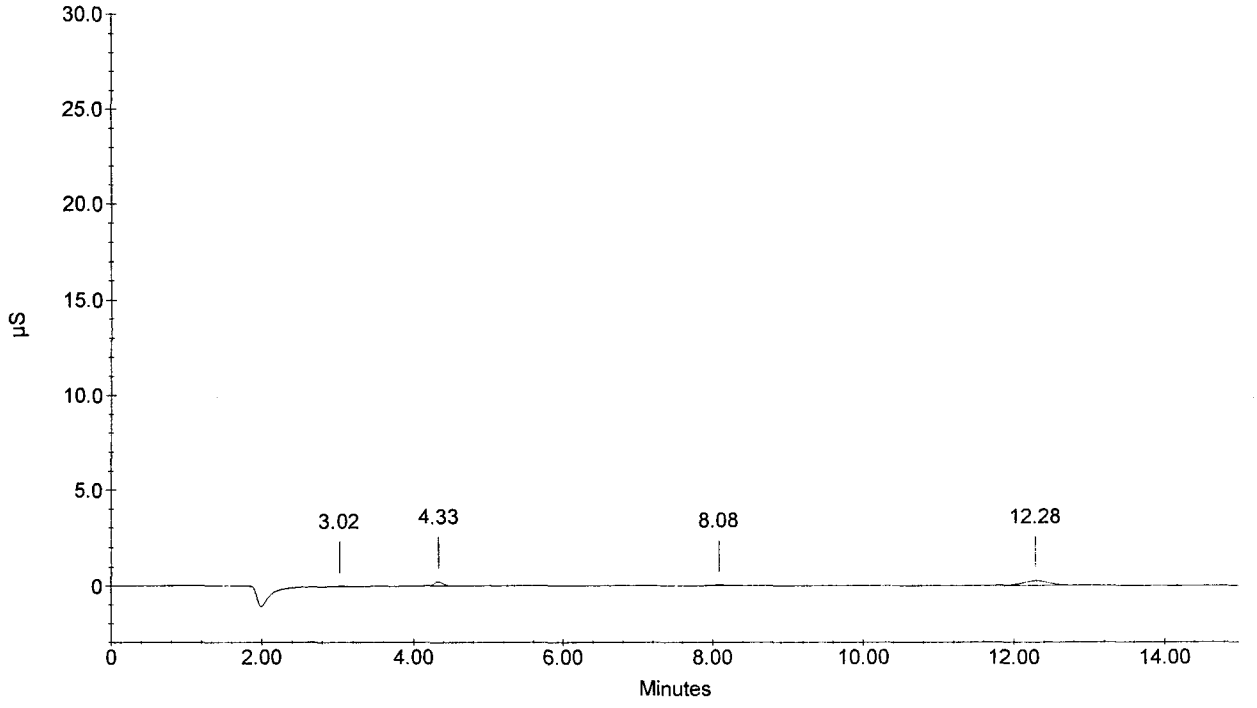
Date Time Collected : 10/18/06 6:50:11 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010214

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.843	340	2108	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	17.807	2465	19993	1	-4.13
3	8.08	NITRATE-N PHOSPHATE-P	2.269	505	8425	1	-1.42
4	12.28	SULFATE	66.526	2574	64466	1	-5.95
	0.00		---total(s)--- 89.445		94992		

287761 DF100



Sample Name : 287762 DF100
Dilution Factor : 100.00
Injection Number : 27
Data File Name : c:\peaknet\data\061018a\061018A_027.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

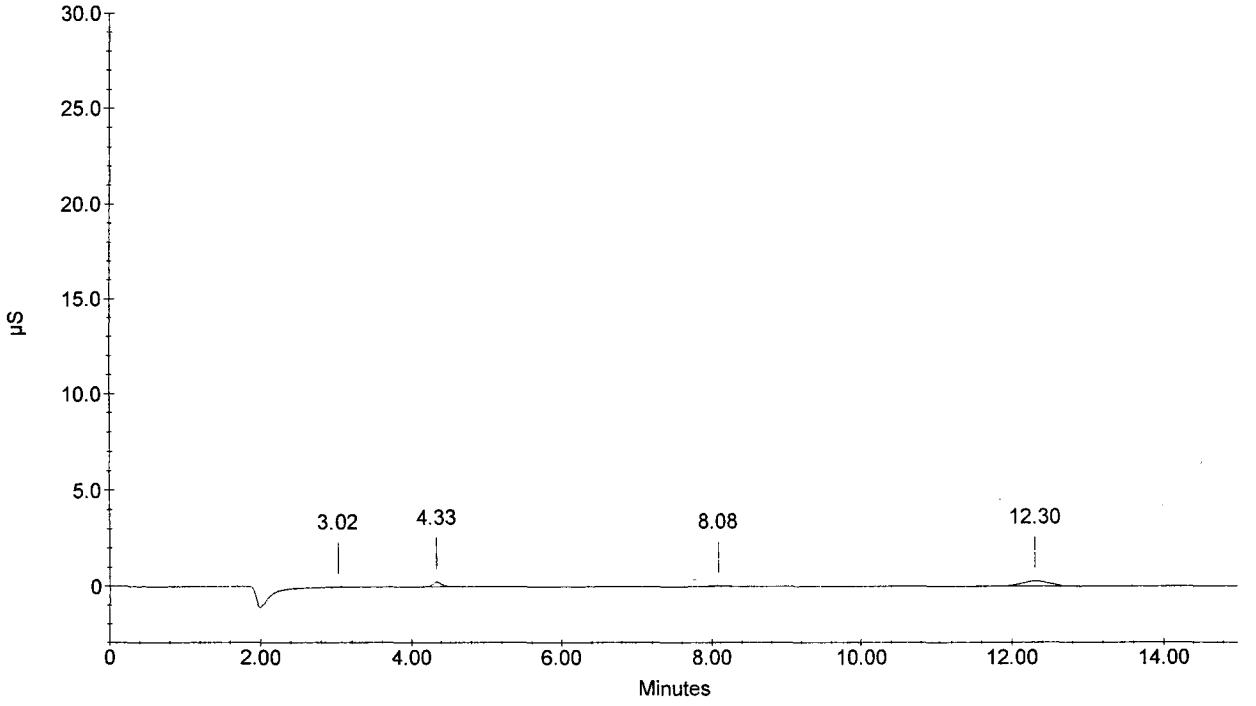
Date Time Collected : 10/18/06 7:07:50 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010215

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	2.830	312	2078	1	-2.37
2	4.33	CHLORIDE NITRITE-N BROMIDE	18.057	2548	20369	1	-4.13
3	8.08	NITRATE-N PHOSPHATE-P	2.192	519	8142	1	-1.42
4	12.30	SULFATE	74.830	2731	72850	1	-5.82
	0.00		---total(s)--- 97.909		103439		

287762 DF100



Sample Name : 287763 DF100
Dilution Factor : 100.00
Injection Number : 28
Data File Name : c:\peaknet\data\061018a\061018A_028.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

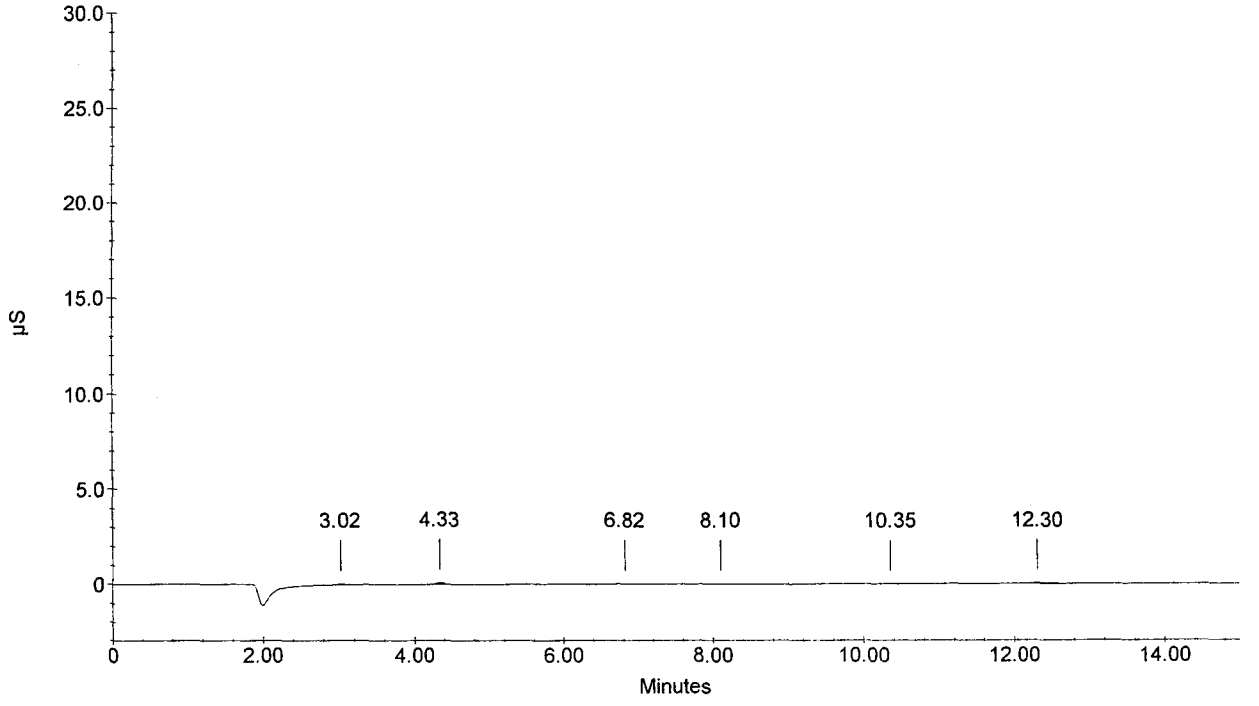
Date Time Collected : 10/18/06 7:25:29 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010216

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	3.391	538	3363	1	-2.37
2	4.33	CHLORIDE	8.936	809	6611	1	-4.13
		NITRITE-N					
3	6.82	BROMIDE	9.013	315	4414	1	-3.72
4	8.10	NITRATE-N	1.303	316	4840	1	-1.22
5	10.35	PHOSPHATE-P	4.753	154	3134	1	-4.17
6	12.30	SULFATE	9.294	303	6865	1	-5.82
		---total(s)---					
	0.00		36.690		29227		

287763 DF100



Sample Name : 286166 DF50
Dilution Factor : 50.00
Injection Number : 29
Data File Name : ...\061018A_029.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

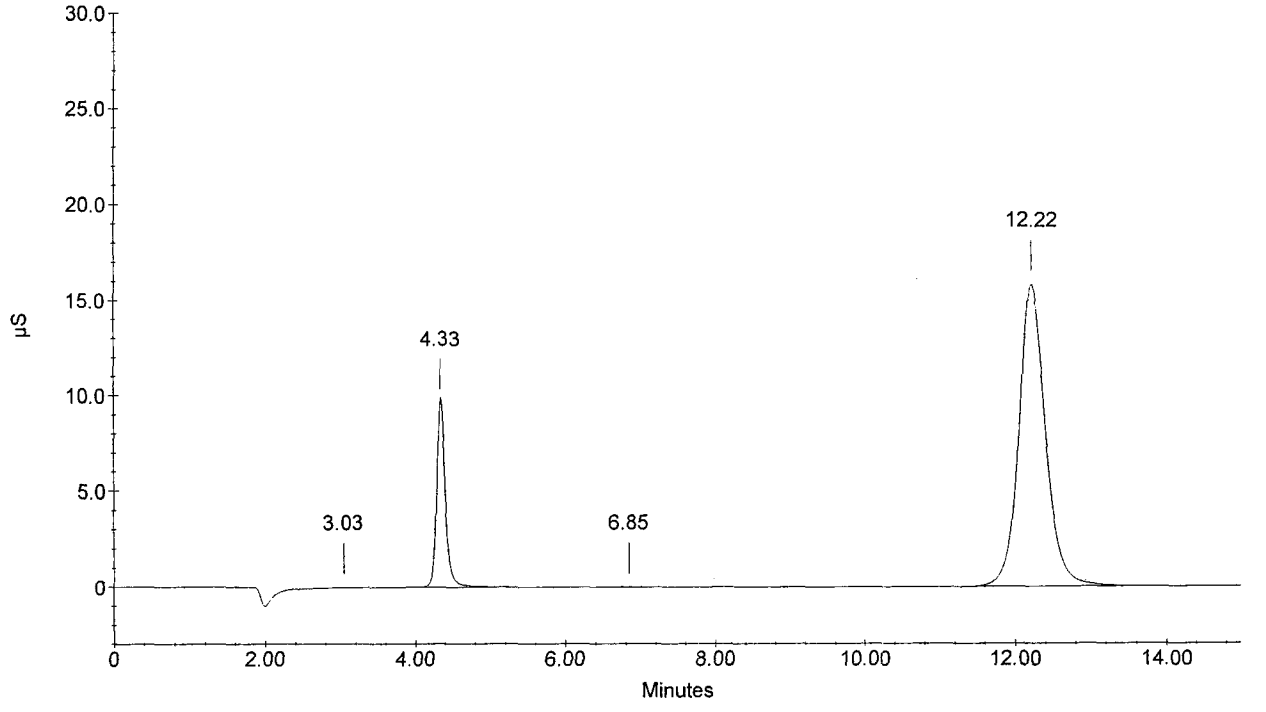
Date Time Collected : 10/18/06 7:43:08 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010217

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.368	221	1863	1	-1.83
2	4.33	CHLORIDE NITRITE-N	261.667	96149	809711	1	-4.13
3	6.85	BROMIDE NITRATE-N PHOSPHATE-P	2.101	101	1492	1	-3.25
4	12.22	SULFATE	1576.521	157806	3860936	1	-6.46
	0.00		---total(s)--- 1841.657		4674003		

286166 DF50



010218

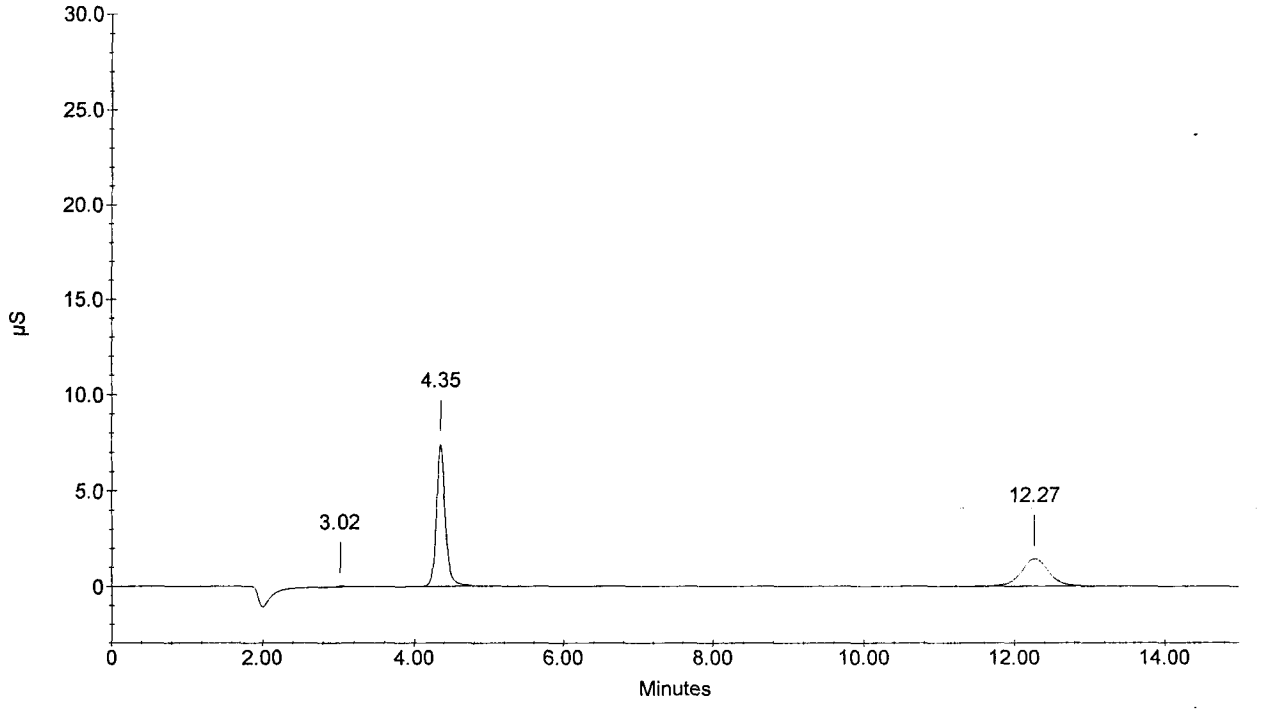
Sample Name : 286167 DF50
Dilution Factor : 50.00
Injection Number : 30
Data File Name : c:\peaknet\data\061018a\061018A_030.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 8:00:47 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.737	576	3553	1	-2.37
2	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	199.126	73946	609063	1	-3.76
3	12.27	SULFATE	183.889	14502	372988	1	-6.07
	0.00	---total(s)---	384.752		985605		

286167 DF50



Sample Name : 286168 DF50
Dilution Factor : 50.00
Injection Number : 31
Data File Name : c:\peaknet\data\061018a\061018A_031.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

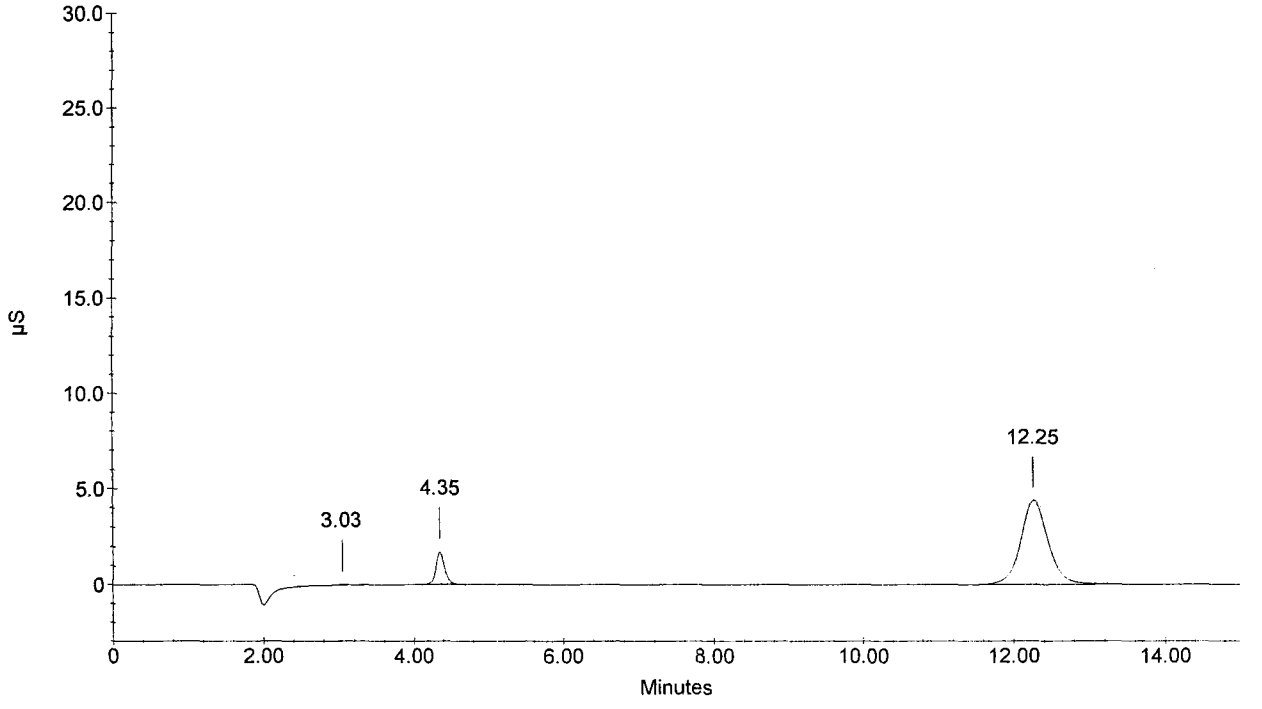
Date Time Collected : 10/18/06 8:18:26 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010219

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.604	436	2945	1	-1.83
2	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	48.851	16873	141204	1	-3.76
3	12.25	SULFATE	521.370	43284	1100399	1	-6.20
		---total(s)---					
	0.00		571.825		1244548		

286168 DF50



Sample Name : 286169 DF50
Dilution Factor : 50.00
Injection Number : 32
Data File Name : ...\061018A_032.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

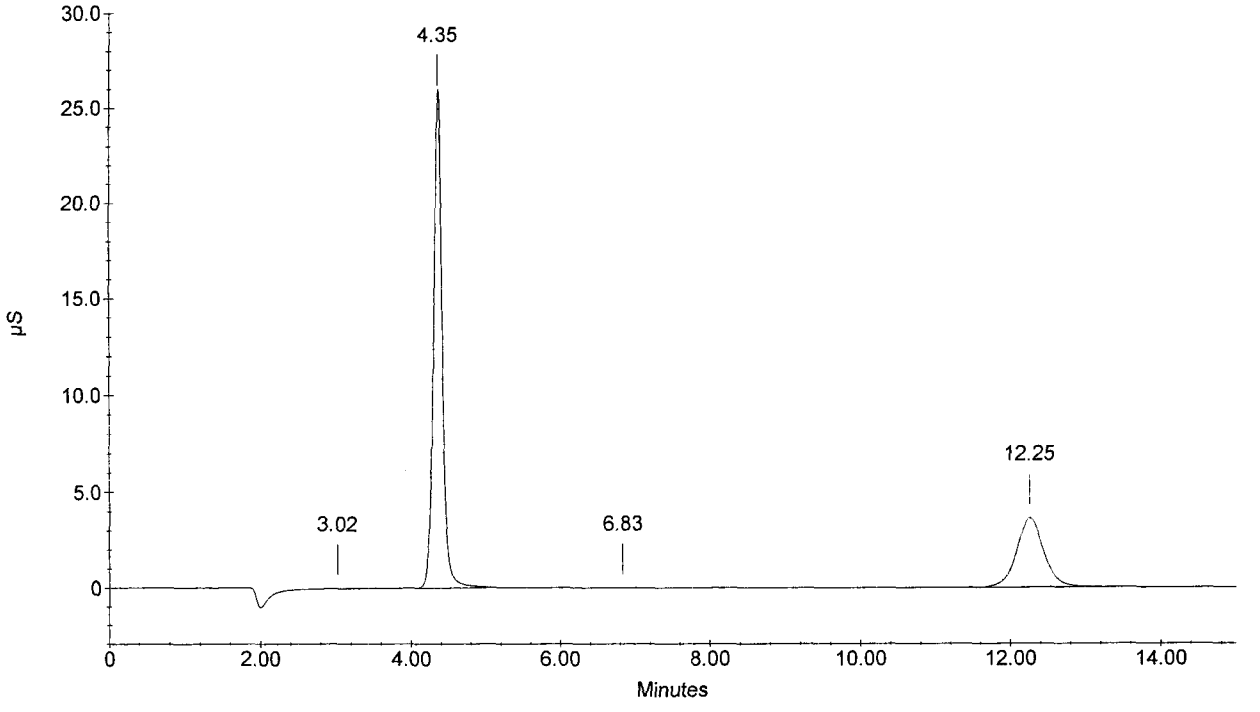
Date Time Collected : 10/18/06 8:36:06 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010220

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.376	269	1901	1	-2.37
2	4.35	CHLORIDE NITRITE-N	631.309	254914	2080955	1	-3.76
3	6.83	BROMIDE NITRATE-N PHOSPHATE-P	2.765	174	2298	1	-3.48
4	12.25	SULFATE	439.212	36184	918300	1	-6.20
	0.00		---total(s)--- 1074.662		3003454		

286169 DF50



010221

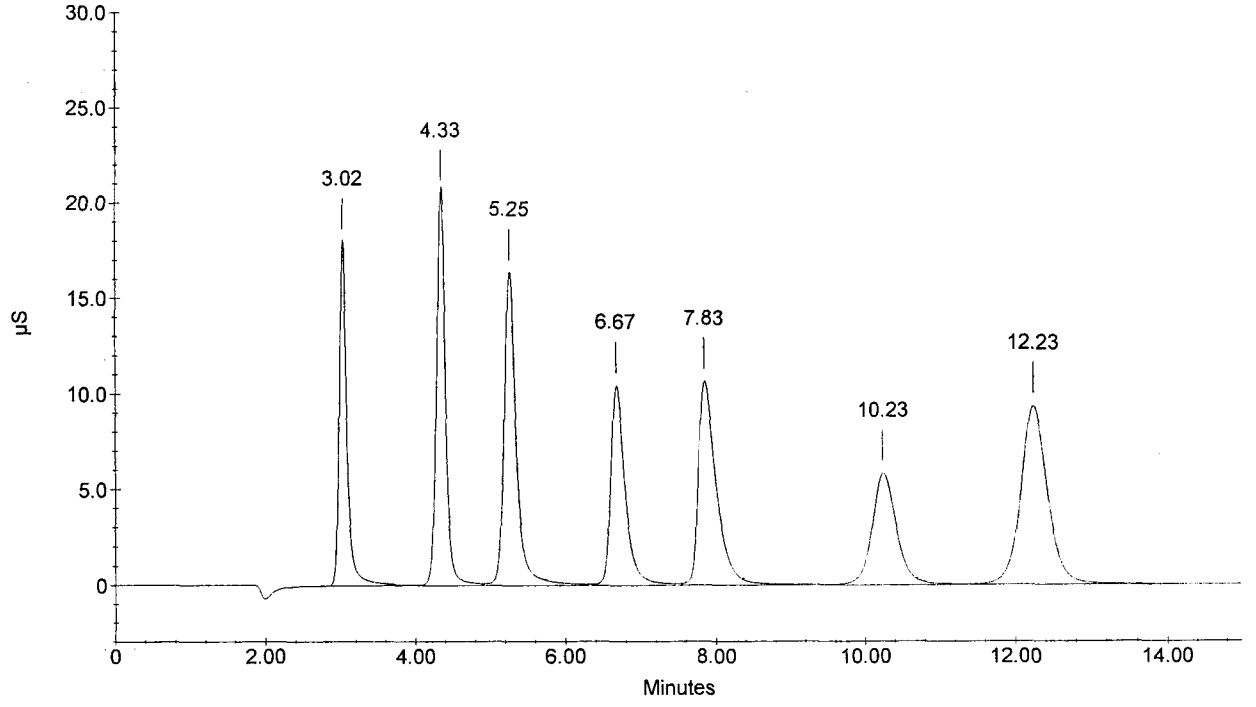
Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 33
Data File Name : c:\peaknet\data\061018a\061018A_033.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 8:53:45 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	103.963	179413	1275117	2	-2.37
2	4.33	CHLORIDE	211.747	204850	1714147	2	-4.13
3	5.25	NITRITE-N	110.256	163107	1864275	2	-5.06
4	6.67	BROMIDE	424.342	104112	1403874	2	-5.84
5	7.83	NITRATE-N	93.516	106062	1798459	2	-4.47
6	10.23	PHOSPHATE-P	204.215	57824	1342900	2	-5.25
7	12.23	SULFATE	412.475	93033	2319030	2	-6.33
	0.00		---total(s)--- 1560.514		11717804		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 34
Data File Name : c:\peaknet\data\061018a\061018A_034.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

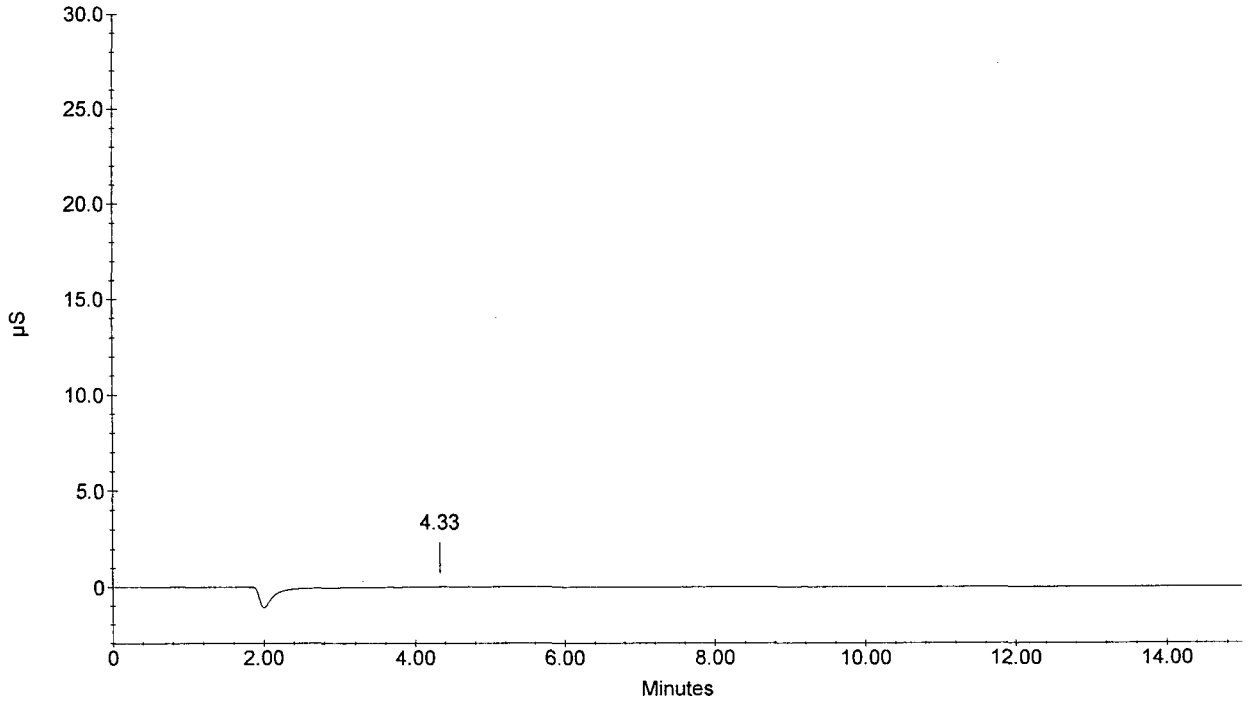
Date Time Collected : 10/18/06 9:11:26 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010222

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.33	CHLORIDE	0.064	359	2756	1	-4.13
1	4.33	CHLORIDE	0.064	359	2756	1	-4.13
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
		---total(s)---					
	0.00		0.128		5512		

CCB



Sample Name : 287760 DF5
Dilution Factor : 5.00
Injection Number : 35
Data File Name : c:\peaknet\data\061018a\061018A_035.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

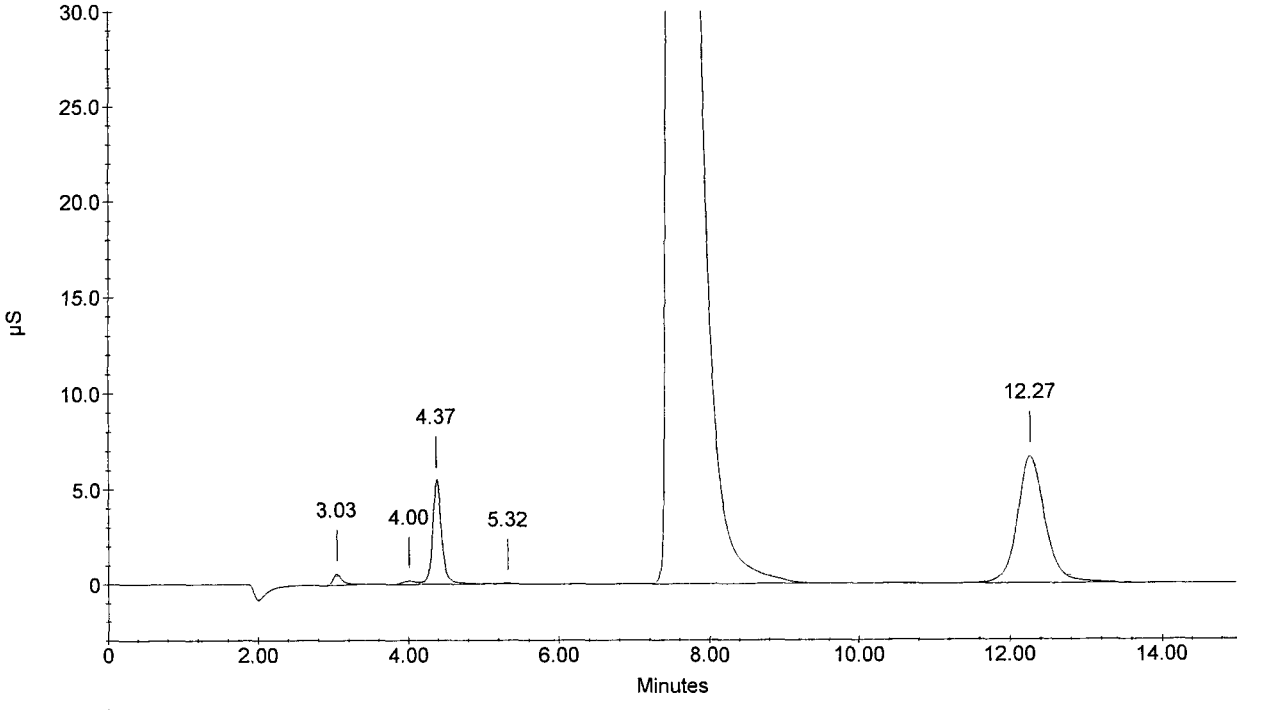
Date Time Collected : 10/18/06 9:29:05 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010223

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.203	6085	50878	1	-1.83
3	4.37	CHLORIDE	15.850	54336	480665	3	-3.39
4	5.32	NITRITE-N	0.198	479	6021	4	-3.86
5	7.50	BROMIDE NITRATE-N PHOSPHATE-P	-1867.373	1524604	29699032	1	5.93
6	12.27	SULFATE	77.471	66762	1685197	1	-6.07
			---total(s)---				
	0.00		-1772.651		31921792		

287760 DF5



Sample Name : 287760D DF5
Dilution Factor : 5.00
Injection Number : 36
Data File Name : c:\peaknet\data\061018a\061018A_036.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

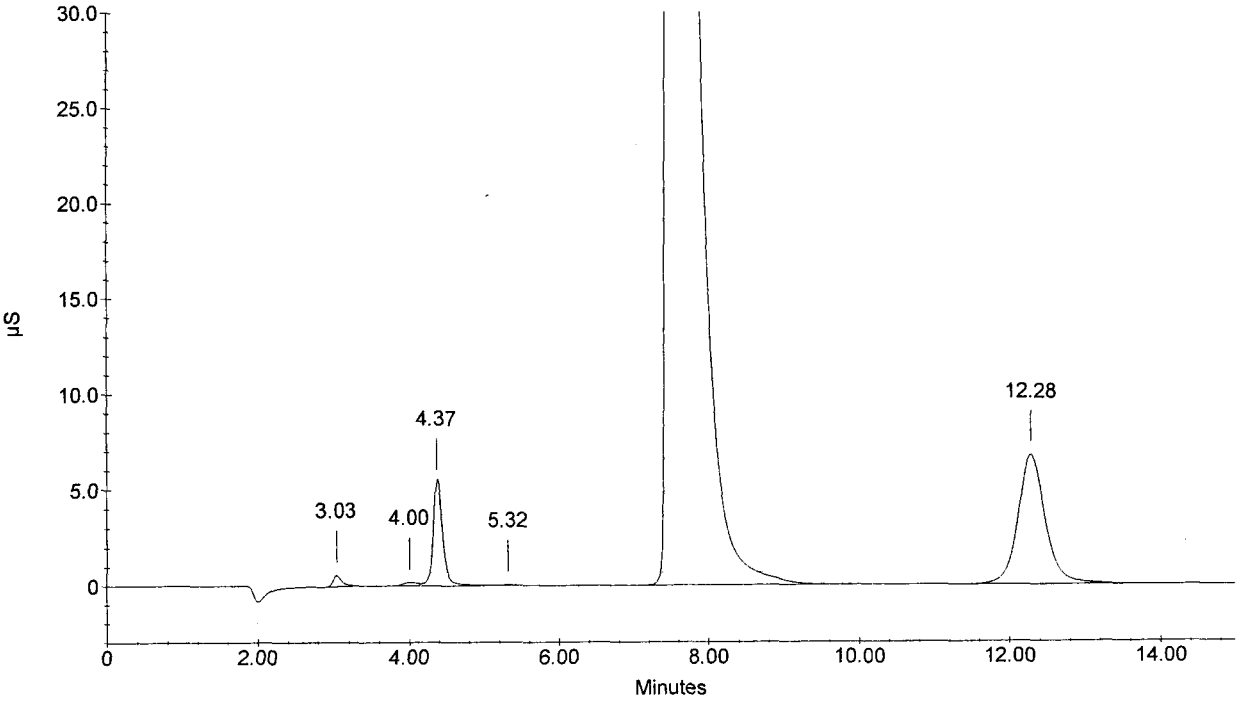
Date Time Collected : 10/18/06 9:46:44 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010224

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	1.203	6085	50879	1	-1.83
3	4.37	CHLORIDE	15.986	53507	484925	3	-3.39
4	5.32	NITRITE-N	0.196	482	5890	4	-3.86
5	7.52	BROMIDE NITRATE-N PHOSPHATE-P	-1913.731	1535484	29920616	1	6.17
6	12.28	SULFATE	77.884	66996	1695047	1	-5.95
	0.00	---total(s)---	-1818.463		32157357		

287760D DF5



Sample Name : 287760S DF5
Dilution Factor : 5.00
Injection Number : 37
Data File Name : c:\peaknet\data\061018a\061018A_037.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

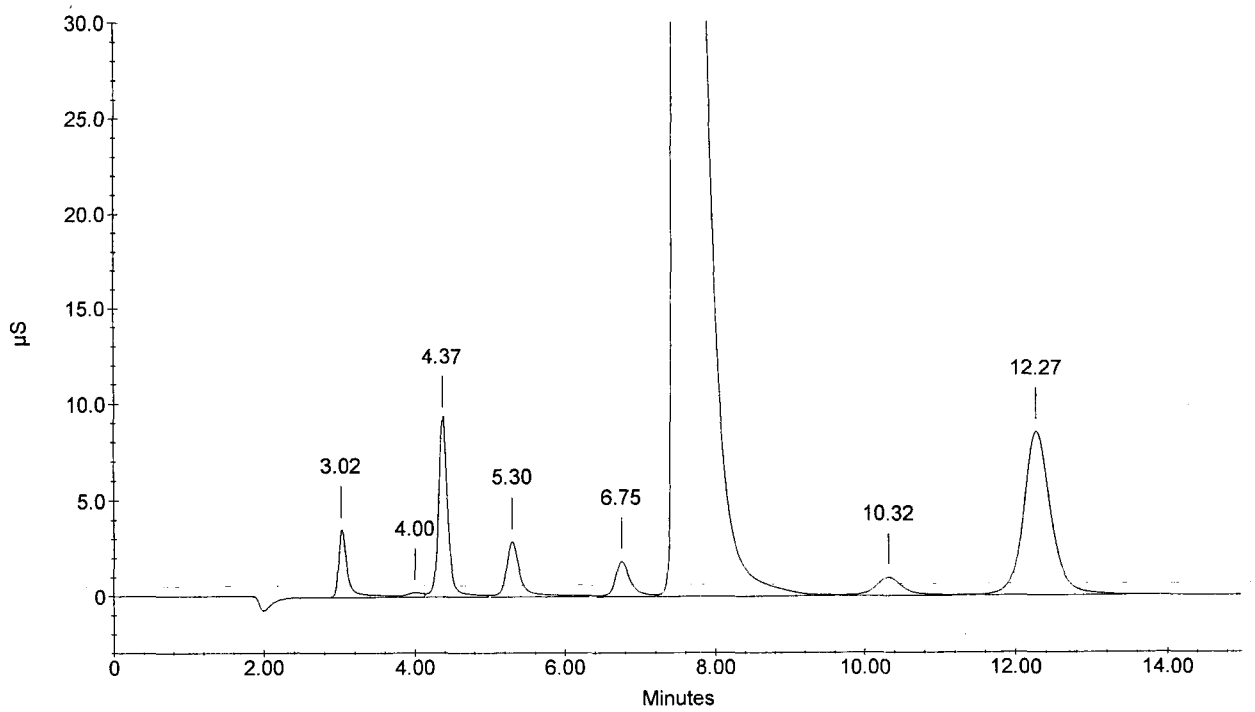
Date Time Collected : 10/18/06 10:04:22 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010225

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	6.708	34937	308751	2	-2.37
3	4.37	CHLORIDE	26.637	91653	824938	2	-3.39
4	5.30	NITRITE-N	6.152	29104	388142	2	-4.16
5	6.75	BROMIDE	22.138	18461	272101	2	-4.66
6	7.52	NITRATE-N	171.479	1534112	29830062	2	-8.33
7	10.32	PHOSPHATE-P	10.871	9660	267033	2	-4.48
8	12.27	SULFATE	96.525	84667	2151560	2	-6.07
			---total(s)---				
	0.00		340.510		34042587		

287760S DF5



010226

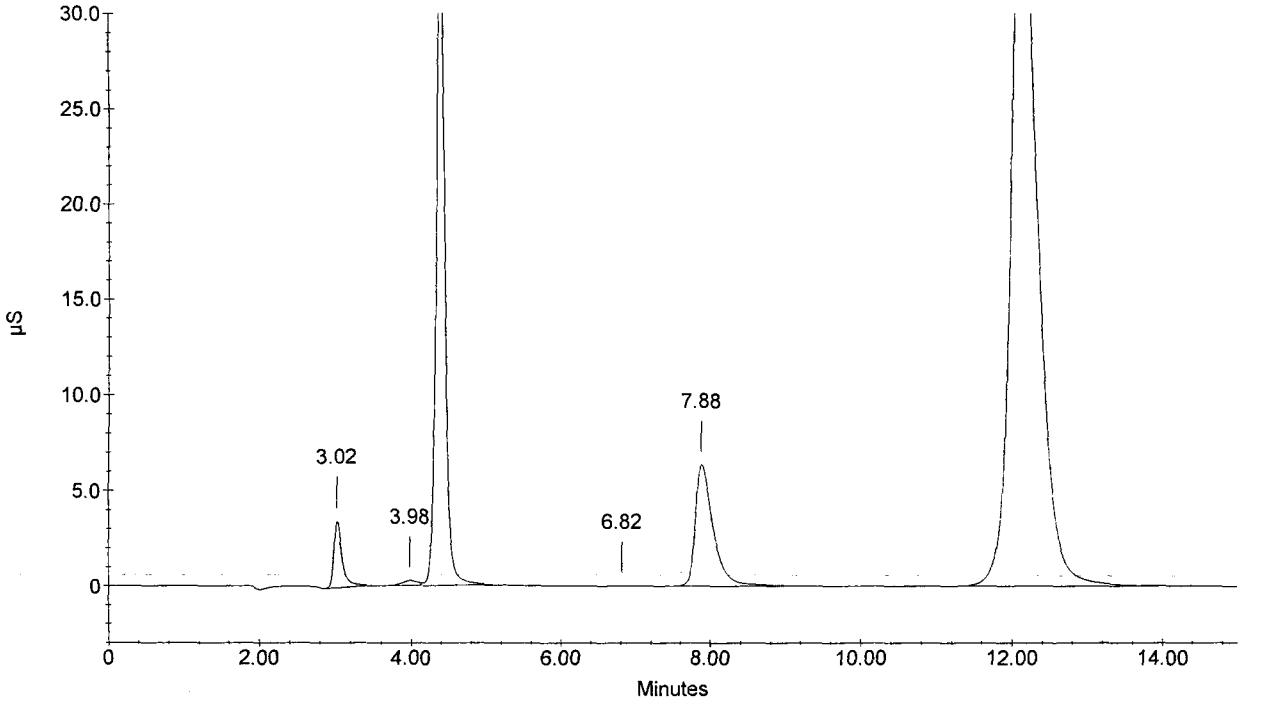
Sample Name : 287761
Dilution Factor : 1.00
Injection Number : 38
Data File Name : c:\peaknet\data\061018a\061018A_038.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/18/06 10:22:03 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.187	35072	272066	1	-2.37
3	4.40	CHLORIDE	16.287	364941	2777364	2	-2.65
		NITRITE-N					
4	6.82	BROMIDE	0.096	334	4776	1	-3.72
5	7.88	NITRATE-N	2.813	63160	1066396	1	-3.86
		PHOSPHATE-P					
6	12.15	SULFATE	52.247	384471	9328452	1	-6.97
			---total(s)---				
	0.00		72.629		13449055		

287761



Sample Name : 287762
Dilution Factor : 1.00
Injection Number : 39
Data File Name : c:\peaknet\data\061018a\061018A_039.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

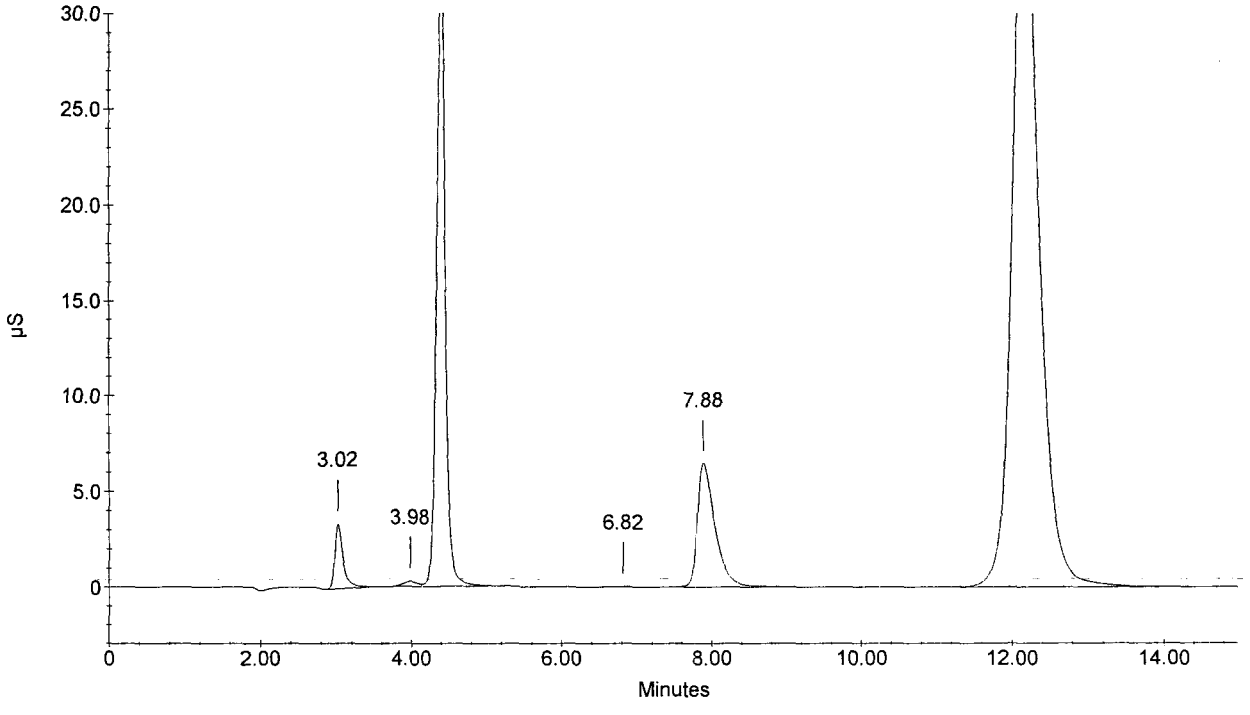
Date Time Collected : 10/18/06 10:39:42 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010227

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.139	33682	260691	1	-2.37
3	4.40	CHLORIDE NITRITE-N	15.435	344130	2610647	2	-2.65
4	6.82	BROMIDE	0.086	300	4140	1	-3.72
5	7.88	NITRATE-N PHOSPHATE-P	2.807	63836	1064209	1	-3.86
6	12.15	SULFATE	52.282	386016	9357461	1	-6.97
	0.00		---total(s)--- 71.749		13297148		

287762



Sample Name : 287763
Dilution Factor : 1.00
Injection Number : 40
Data File Name : c:\peaknet\data\061018a\061018A_040.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

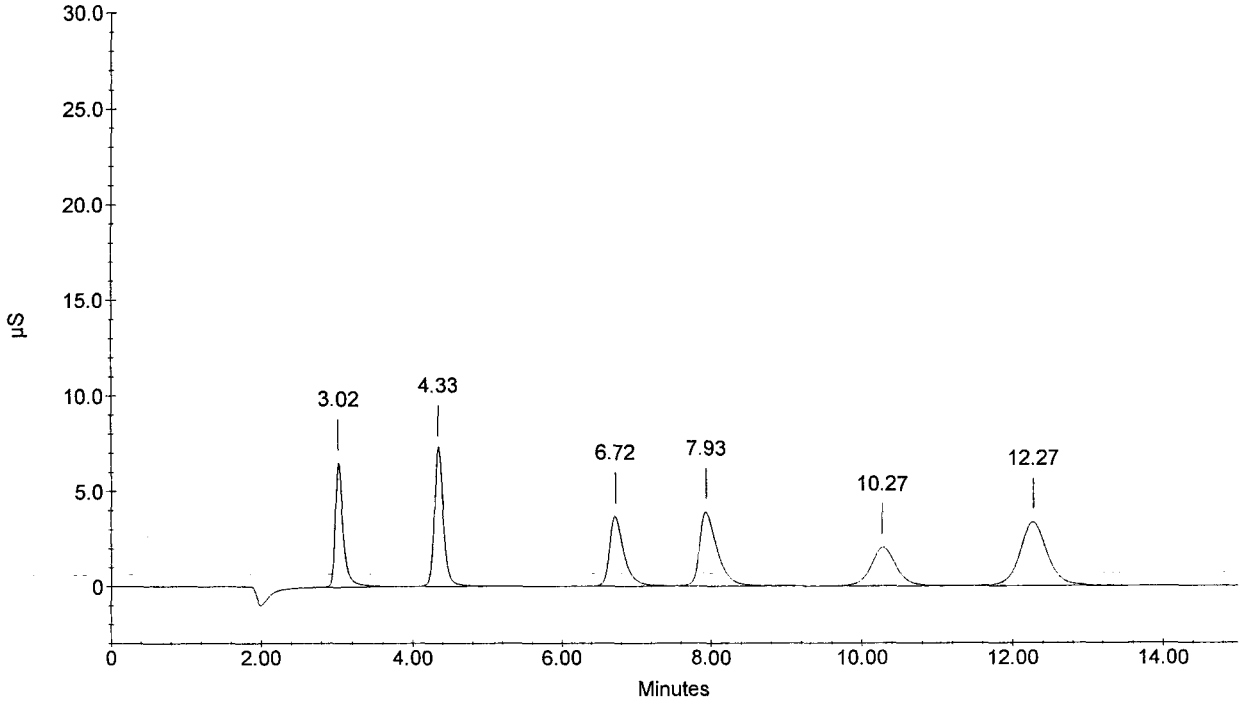
Date Time Collected : 10/18/06 10:57:21 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010228

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	1.992	65017	464943	1	-2.37
2	4.33	CHLORIDE NITRITE-N	3.953	71906	604373	1	-4.13
3	6.72	BROMIDE	8.218	36786	513469	2	-5.13
4	7.93	NITRATE-N	1.749	38836	657835	2	-3.25
5	10.27	PHOSPHATE-P	3.902	20469	487215	2	-4.94
6	12.27	SULFATE	8.293	33736	864500	2	-6.07
	0.00		---total(s)--- 28.107		3592335		

287763



Sample Name : 286166 DF100
Dilution Factor : 100.00
Injection Number : 41
Data File Name : c:\peaknet\data\061018a\061018A_041.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

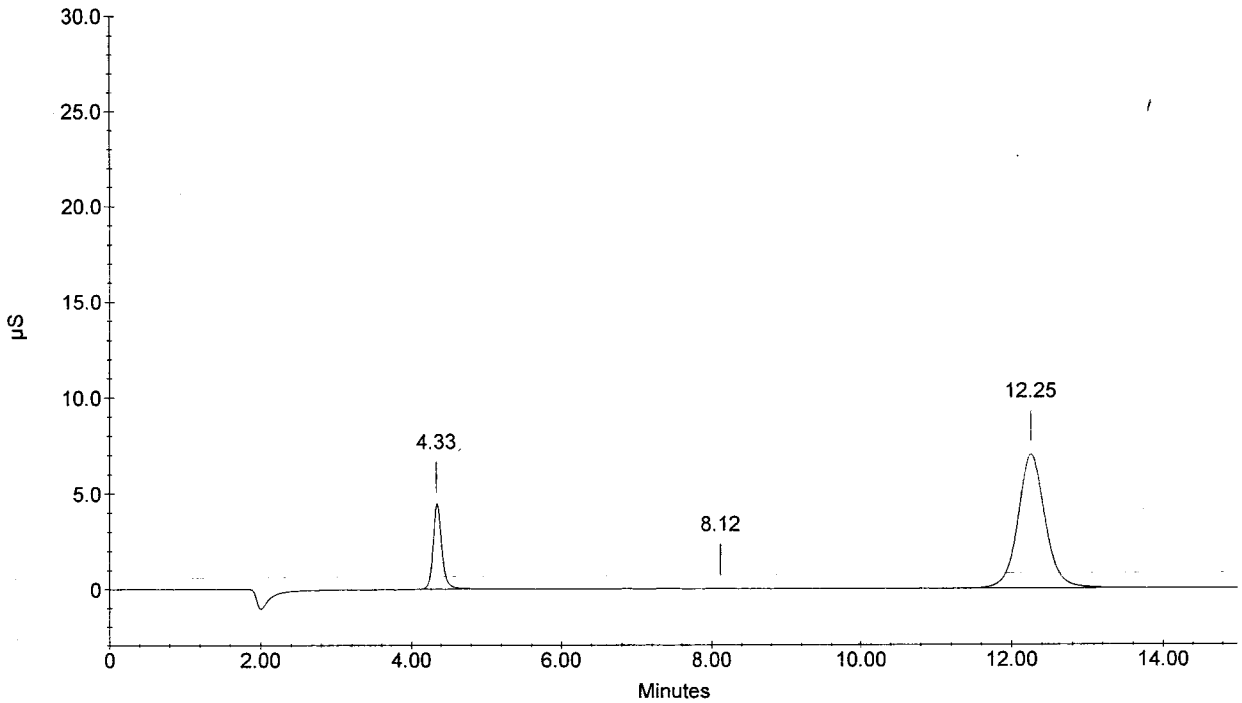
Date Time Collected : 10/18/06 11:15:00 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010229

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.33	CHLORIDE	245.597	43336	369008	1	-4.13
1	4.33	CHLORIDE NITRITE-N BROMIDE	245.597	43336	369008	1	-4.13
2	8.12	NITRATE-N PHOSPHATE-P	0.784	189	2912	1	-1.02
3	12.25	SULFATE	1594.274	69651	1738828	1	-6.20
	0.00	---total(s)---	2086.251		2479755		

286166 DF100



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 42
Data File Name : c:\peaknet\data\061018a\061018A_042.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

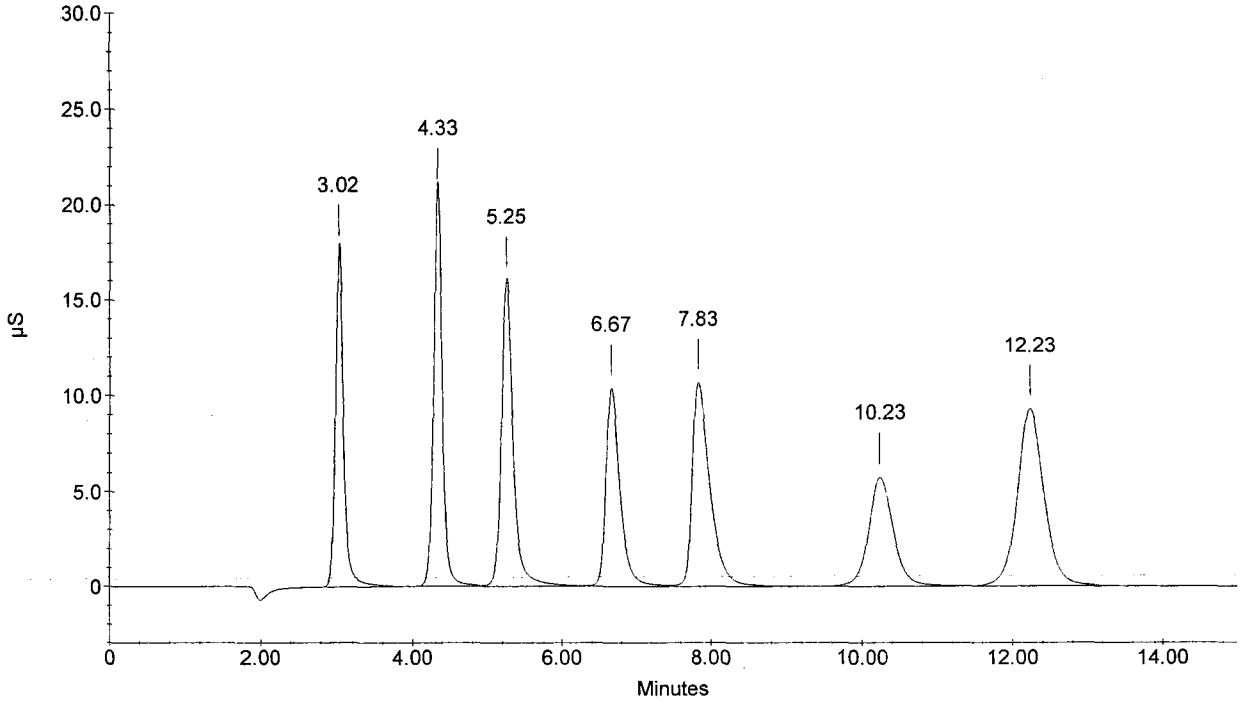
Date Time Collected : 10/18/06 11:32:39 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010230

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.357	177140	1254060	1	-2.37
2	4.33	CHLORIDE	211.796	206540	1714585	2	-4.13
3	5.25	NITRITE-N	106.744	160263	1800799	2	-5.06
4	6.67	BROMIDE	415.397	103651	1371368	2	-5.84
5	7.83	NITRATE-N	91.720	106268	1762667	2	-4.47
6	10.23	PHOSPHATE-P	199.788	57300	1311327	2	-5.25
7	12.23	SULFATE	409.665	92425	2301027	2	-6.33
	0.00		---total(s)--- 1537.468		11515834		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 43
Data File Name : c:\peaknet\data\061018a\061018A_043.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

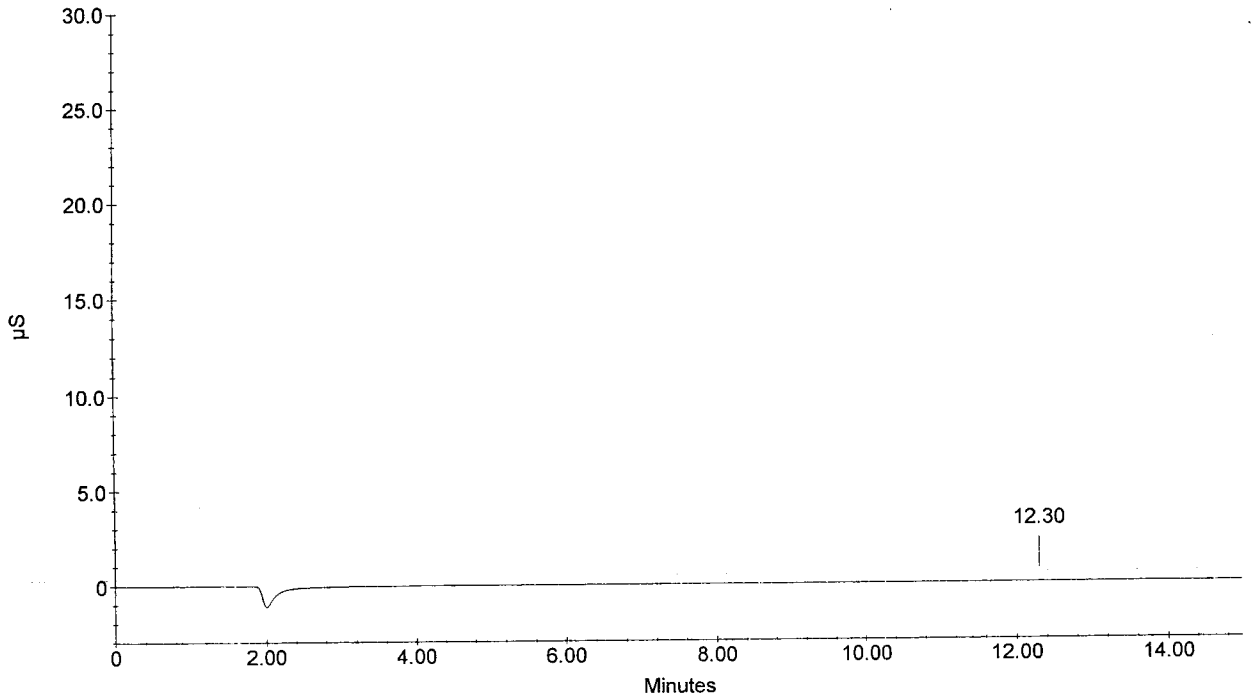
Date Time Collected : 10/18/06 11:50:19 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010231

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	12.30	SULFATE CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	0.036	66	1105	1	-5.82
1	12.30	SULFATE	0.036	66	1105	1	-5.82
	0.00		---total(s)--- 0.071		2210		

CCB



Sample Name : 286222
Dilution Factor : 1.00
Injection Number : 44
Data File Name : c:\peaknet\data\061018a\061018A_044.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

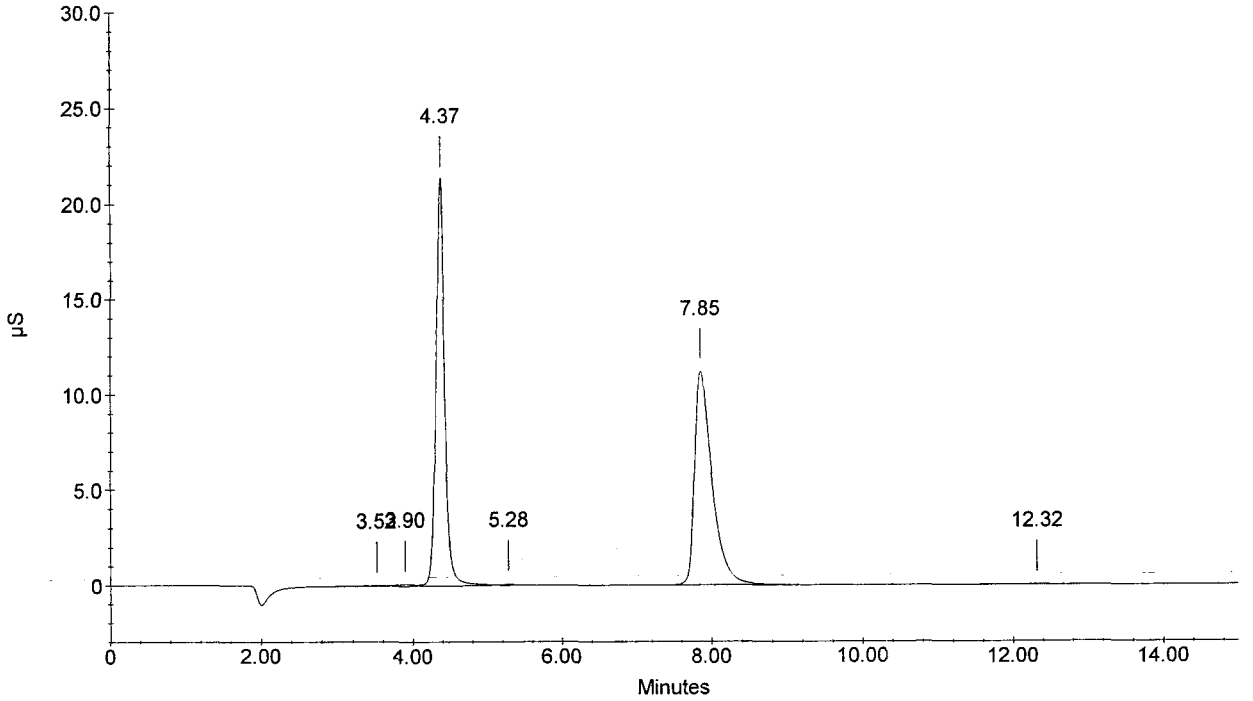
Date Time Collected : 10/19/06 12:07:59 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010232

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.52		0.000	512	17545	2	
3	4.37	CHLORIDE	10.594	212403	1715339	3	-3.39
4	5.28	NITRITE-N	0.045	684	7841	4	-4.46
		BROMIDE					
5	7.85	NITRATE-N	4.755	111269	1829930	1	-4.27
		PHOSPHATE-P					
6	12.32	SULFATE	0.051	135	2661	1	-5.69
	0.00		---total(s)--- 15.445		3573315		

286222



Sample Name : 286223
Dilution Factor : 1.00
Injection Number : 45
Data File Name : c:\peaknet\data\061018a\061018A_045.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

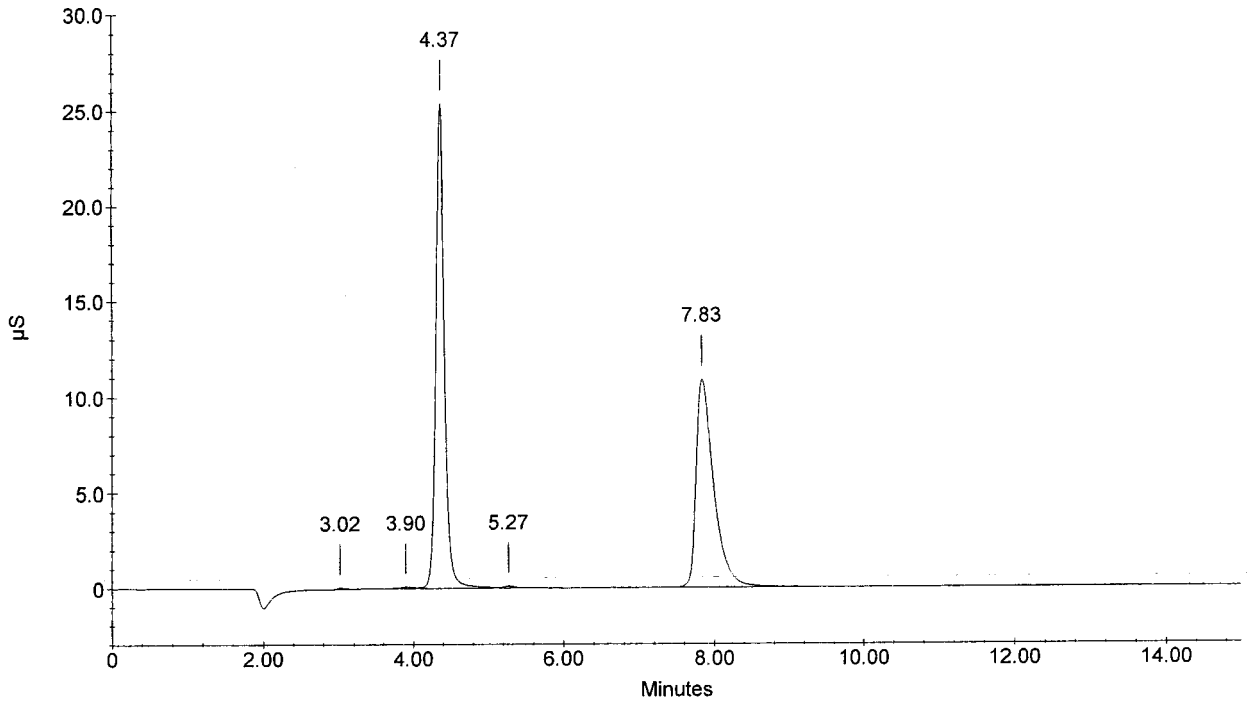
Date Time Collected : 10/19/06 12:25:37 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010233

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.042	785	5174	1	-2.37
3	4.37	CHLORIDE	12.254	253474	2012989	3	-3.39
4	5.27	NITRITE-N	0.058	970	11719	4	-4.76
		BROMIDE					
5	7.83	NITRATE-N	4.653	108789	1789477	1	-4.47
		PHOSPHATE-P					
		SULFATE					
			---total(s)---				
	0.00		17.007		3819359		

286223



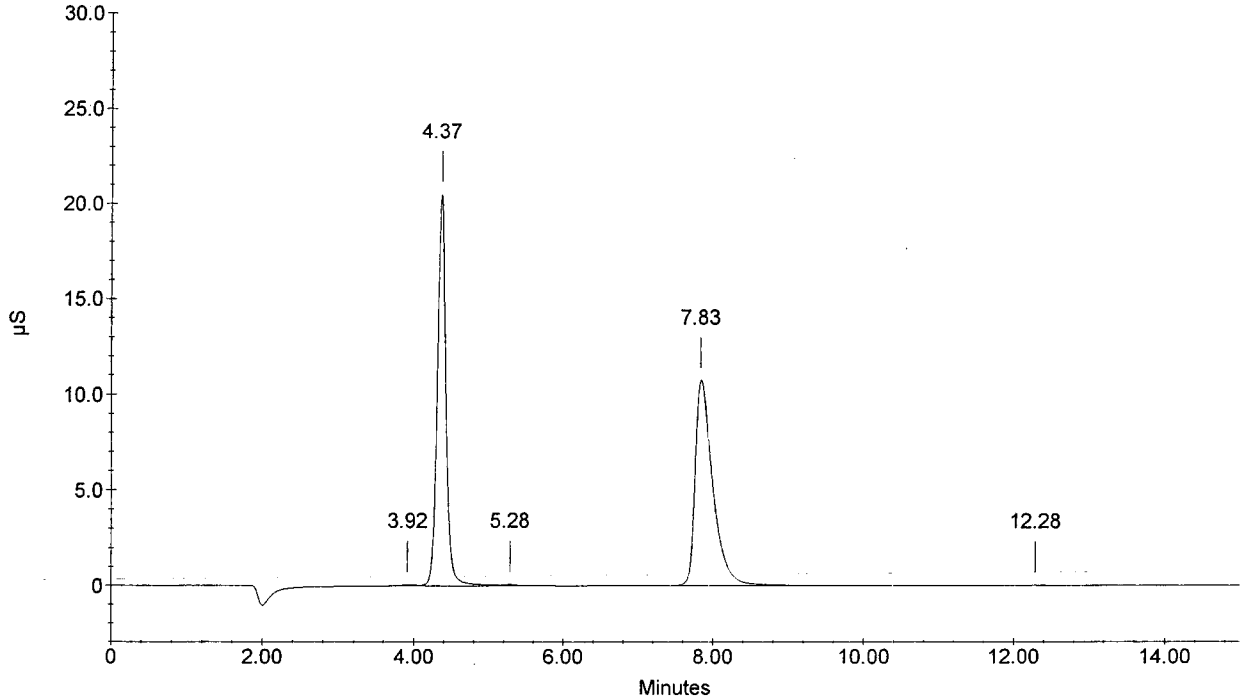
Sample Name : 287406
Dilution Factor : 1.00
Injection Number : 46
Data File Name : c:\peaknet\data\061018a\061018A_046.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

Date Time Collected : 10/19/06 12:43:16 AM **010234**
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.92		0.000	676	9456	2	
2	4.37	CHLORIDE	10.123	204600	1632509	3	-3.39
3	5.28	NITRITE-N BROMIDE	0.043	620	7224	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	4.596	106826	1766720	1	-4.47
5	12.28	SULFATE	0.040	77	1596	1	-5.95
	0.00		---total(s)--- 14.803		3417505		

287406



Sample Name : 287407
Dilution Factor : 1.00
Injection Number : 47
Data File Name : c:\peaknet\data\061018a\061018A_047.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

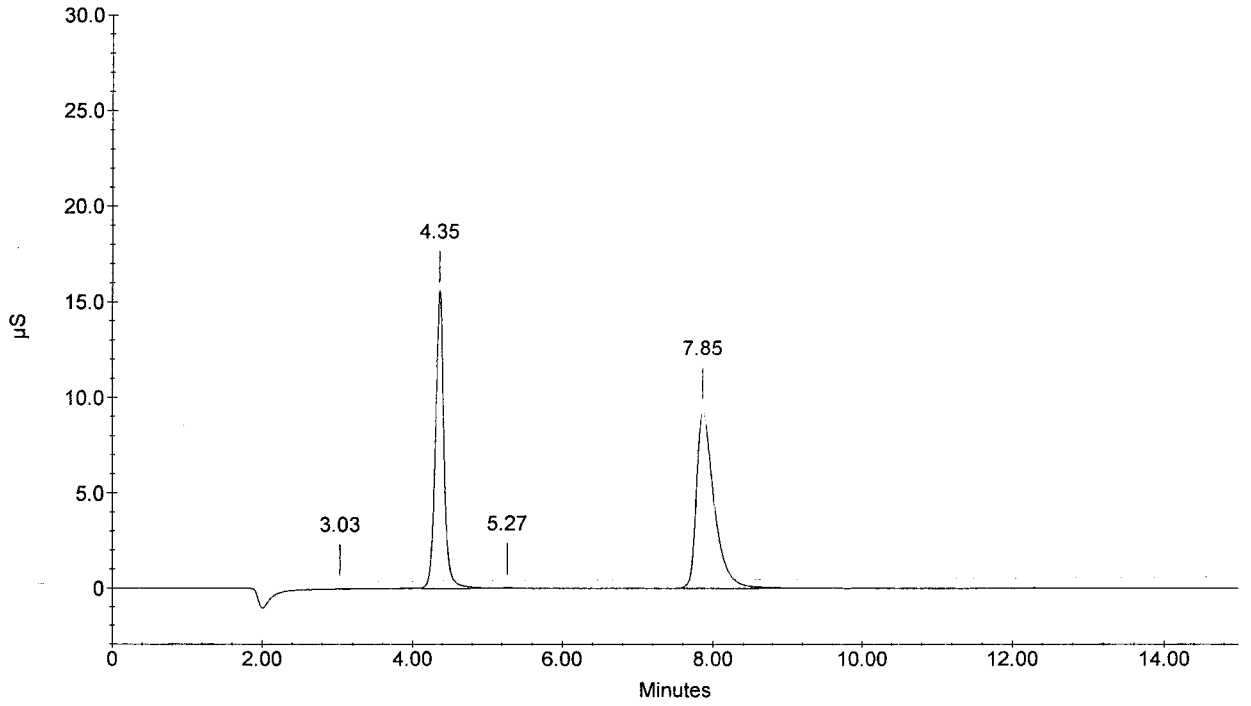
Date Time Collected : 10/19/06 1:00:55 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010235

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.030	255	2356	1	-1.83
2	4.35	CHLORIDE	7.962	153482	1260763	3	-3.76
3	5.27	NITRITE-N BROMIDE	0.038	510	5584	4	-4.76
4	7.85	NITRATE-N PHOSPHATE-P SULFATE	3.991	92191	1526946	1	-4.27
	0.00		---total(s)--- 12.021		2795650		

287407



Sample Name : 288097
Dilution Factor : 1.00
Injection Number : 48
Data File Name : c:\peaknet\data\061018a\061018A_048.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

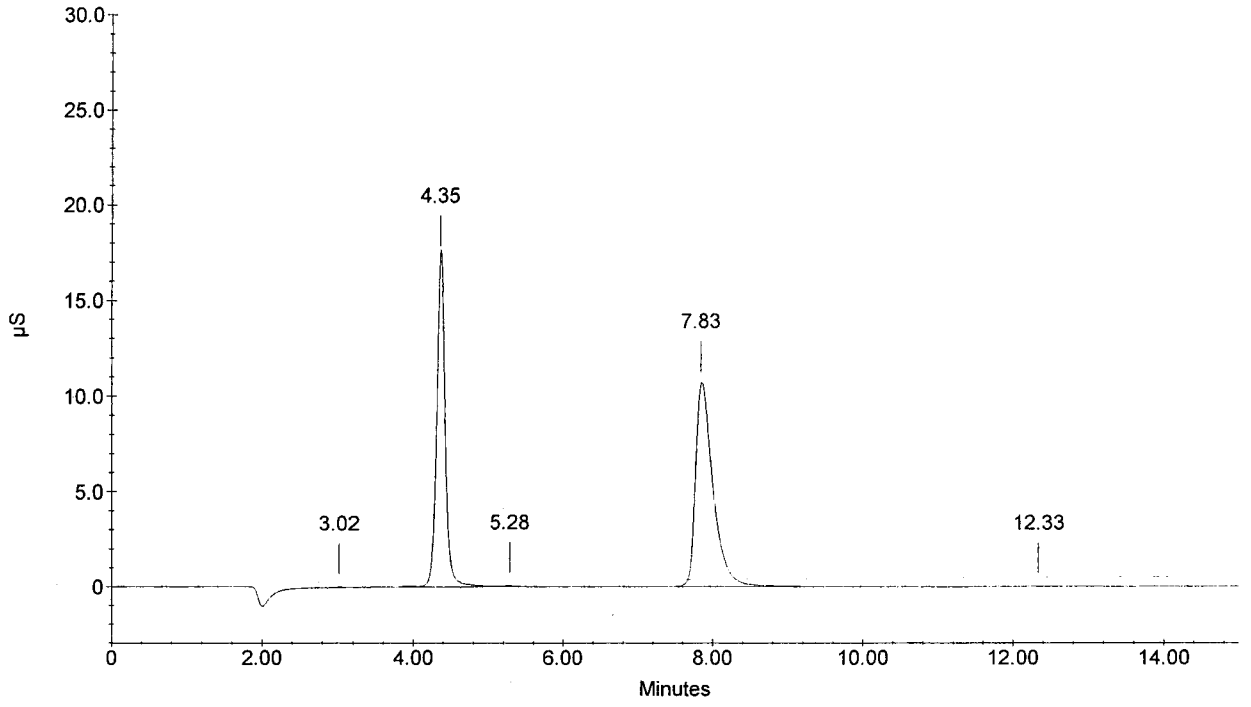
Date Time Collected : 10/19/06 1:18:34 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010236

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	0.029	265	2241	1	-2.37
2	4.35	CHLORIDE	8.938	171350	1426936	3	-3.76
3	5.28	NITRITE-N BROMIDE	0.038	452	5523	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	4.569	105529	1755875	1	-4.47
5	12.33	SULFATE	0.043	110	1822	1	-5.56
	0.00		---total(s)--- 13.616		3192398		

288097



Sample Name : 288098
Dilution Factor : 1.00
Injection Number : 49
Data File Name : c:\peaknet\data\061018a\061018A_049.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

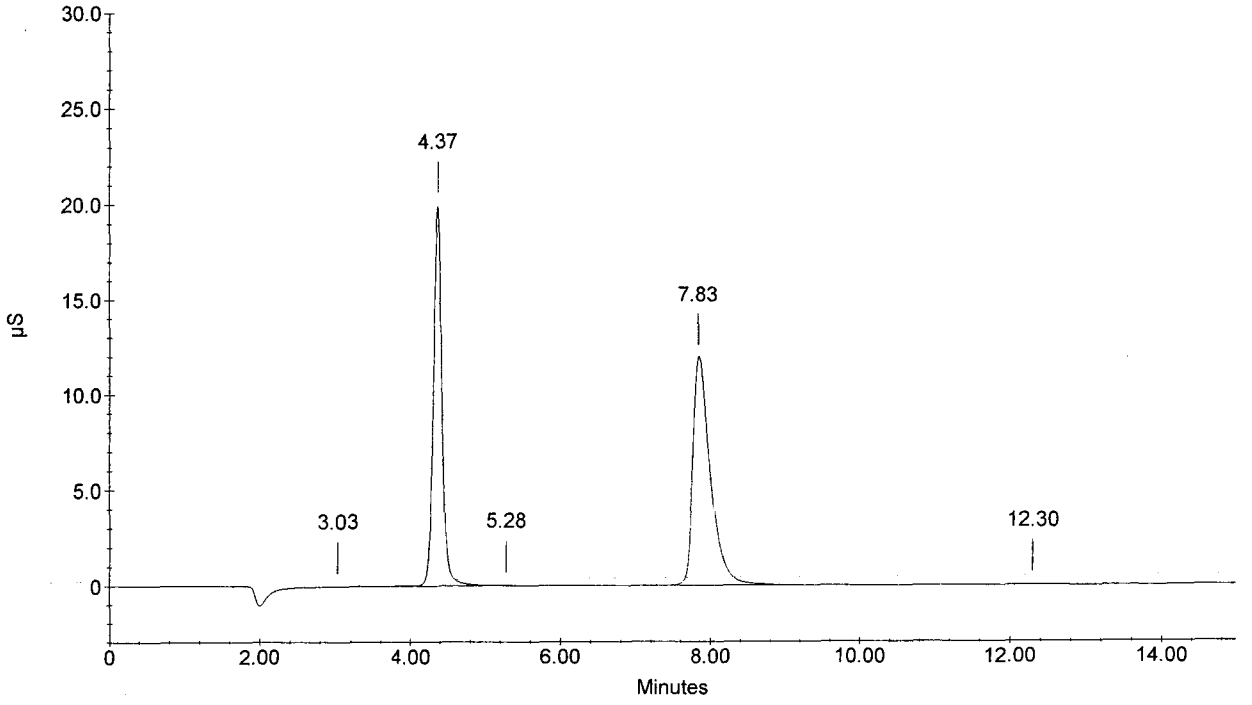
Date Time Collected : 10/19/06 1:36:13 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010237

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.03	FLUORIDE	0.032	253	2976	1	-1.83
2	4.37	CHLORIDE	9.930	199226	1598723	3	-3.39
3	5.28	NITRITE-N BROMIDE	0.035	409	4491	4	-4.46
4	7.83	NITRATE-N PHOSPHATE-P	5.107	118966	1970895	1	-4.47
5	12.30	SULFATE	0.041	96	1685	1	-5.82
		---total(s)---					
	0.00		15.145		3578770		

288098



Sample Name : CCV
Dilution Factor : 20.00
Injection Number : 50
Data File Name : c:\peaknet\data\061018a\061018A_050.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

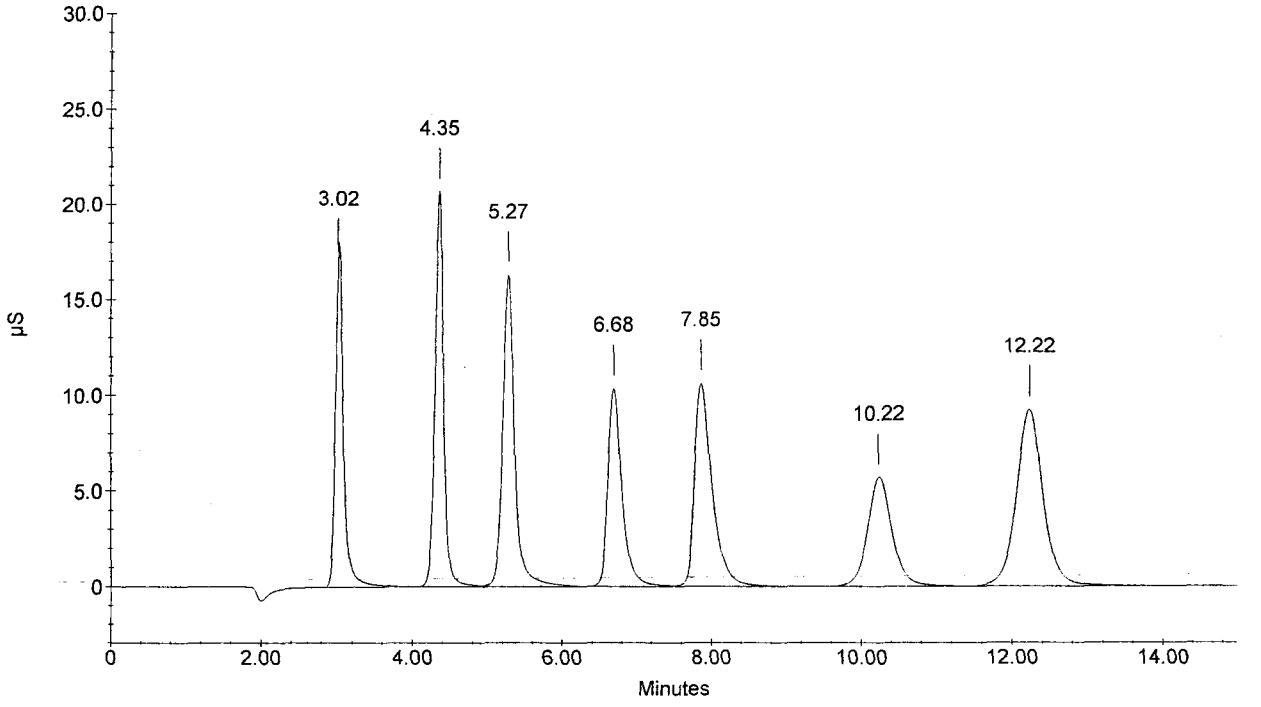
Date Time Collected : 10/19/06 1:53:52 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010238

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.02	FLUORIDE	102.551	169752	1256601	1	-2.37
2	4.35	CHLORIDE	207.860	206554	1679885	2	-3.76
3	5.27	NITRITE-N	107.766	162508	1819252	2	-4.76
4	6.68	BROMIDE	414.433	103166	1367876	2	-5.60
5	7.85	NITRATE-N	91.382	105912	1755935	2	-4.27
6	10.22	PHOSPHATE-P	198.689	56888	1303504	2	-5.40
7	12.22	SULFATE	408.670	92252	2294660	2	-6.46
	0.00		---total(s)--- 1531.351		11477715		

CCV



Sample Name : CCB
Dilution Factor : 1.00
Injection Number : 51
Data File Name : c:\peaknet\data\061018a\061018A_051.DXD
Method File Name : c:\peaknet\method\anions060826a.met
Schedule File Name : c:\peaknet\schedule\18oct06a.sch

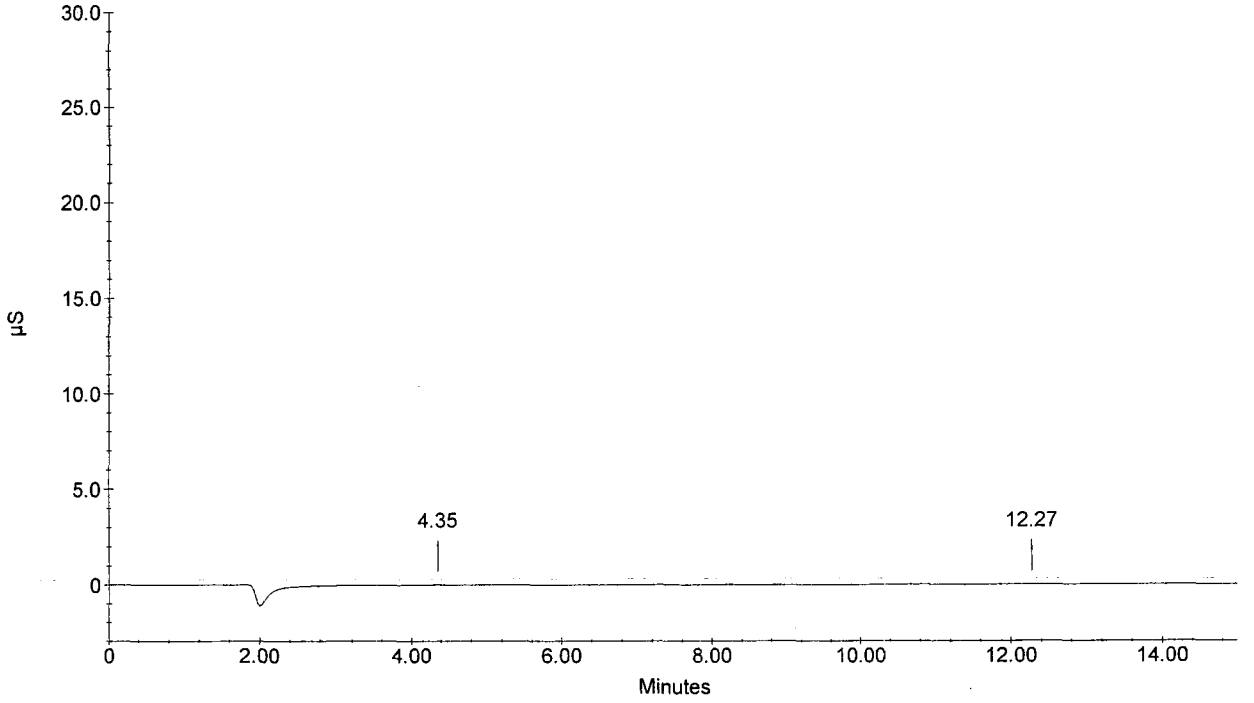
Date Time Collected : 10/19/06 2:11:32 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010239

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	4.35	CHLORIDE	0.059	295	2107	1	-3.76
1	4.35	CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P	0.059	295	2107	1	-3.76
2	12.27	SULFATE	0.041	90	1686	1	-6.07
	0.00	---total(s)---	0.160		5900		

CCB



Schedule File: C:\PeakNet\schedule\060826A.sch

Line	Sample	Sample Type	Level	Method	Data File	Dilution
1	BLK	Sample		anions060826a.met	060826_001.dxd	1
2	0PPM 14-08-IC6	Calibration St	1	anions060826a.met	060826_002.dxd	1
3	0.1PPM 14-07-IC6	Calibration St	2	anions060826a.met	060826_003.dxd	1
4	0.5PPM 14-06-IC6	Calibration St	3	anions060826a.met	060826_004.dxd	1
5	1PPM 14-05-IC6	Calibration St	4	anions060826a.met	060826_005.dxd	1
6	5PPM 14-04-IC6	Calibration St	5	anions060826a.met	060826_006.dxd	1
7	10PPM 14-03-IC6	Calibration St	6	anions060826a.met	060826_007.dxd	1
8	15PPM 14-02-IC6	Calibration St	7	anions060826a.met	060826_008.dxd	1
9	20PPM 14-01-IC6	Calibration St	8	anions060826a.met	060826_009.dxd	1
10	ICV	Sample		anions060826a.met	060826_010.dxd	20
11	ICB	Sample		anions060826a.met	060826_011.dxd	1
12	0.1PPM MDL1	Sample		anions060826a.met	060826_012.dxd	1
13	0.1PPM MDL2	Sample		anions060826a.met	060826_013.dxd	1
14	0.1PPM MDL3	Sample		anions060826a.met	060826_014.dxd	1
15	0.1PPM MDL4	Sample		anions060826a.met	060826_015.dxd	1
16	0.1PPM MDL5	Sample		anions060826a.met	060826_016.dxd	1
17	0.1PPM MDL6	Sample		anions060826a.met	060826_017.dxd	1
18	0.1PPM MDL7	Sample		anions060826a.met	060826_018.dxd	1
19	CCV	Sample		anions060826a.met	060826_019.dxd	20
20	CCB	Sample		anions060826a.met	060826_020.dxd	1
21	0.05 PPM MDL1	Sample		anions060826a.met	060826_021.dxd	1
22	0.05 PPM MDL2	Sample		anions060826a.met	060826_022.dxd	1
23	0.05 PPM MDL3	Sample		anions060826a.met	060826_023.dxd	1
24	0.05 PPM MDL4	Sample		anions060826a.met	060826_024.dxd	1
25	0.05 PPM MDL5	Sample		anions060826a.met	060826_025.dxd	1
26	0.05 PPM MDL6	Sample		anions060826a.met	060826_026.dxd	1
27	0.05 PPM MDL7	Sample		anions060826a.met	060826_027.dxd	1
28	CCV	Sample		anions060826a.met	060826_028.dxd	20
29	CCB	Sample		anions060826a.met	060826_029.dxd	1

010240

Default Method Path: C:\PEAKNET\METHOD
Default Data Path: C:\PEAKNET\DATA\060826
Comment:
METHODS: EPA 300.0 & SW 846 9056

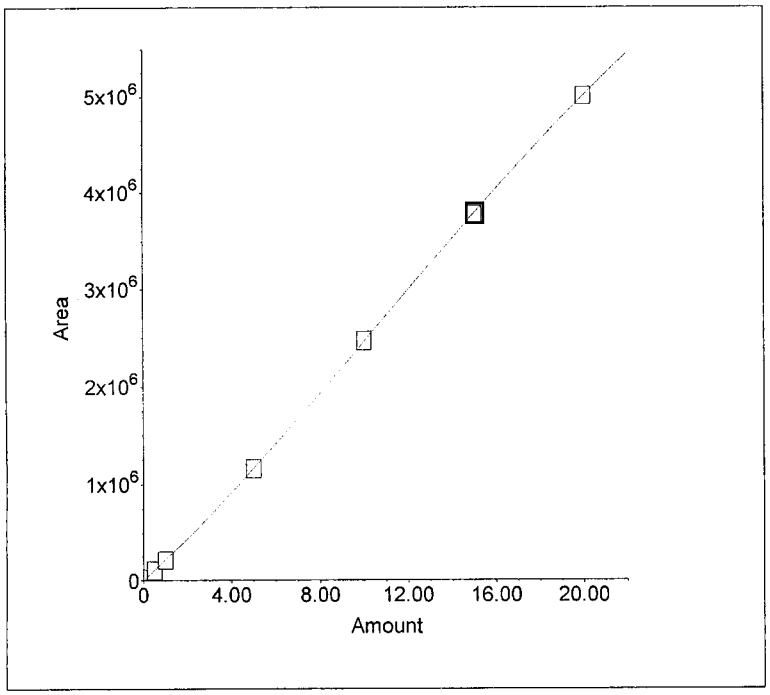
ICV Sources:
1) SPEX LOT#33-13AS (INORG#5966)
   F = 100 mg/L
   Cl = 200 mg/L
   Br = 400 mg/L
   NO3N = 90.4 mg/L
   PO4P = 196 mg/L
   SO4 = 400 mg/L
2) 08-01-IC6
   NO2N 109 mg/L

R Spec 12/4/06

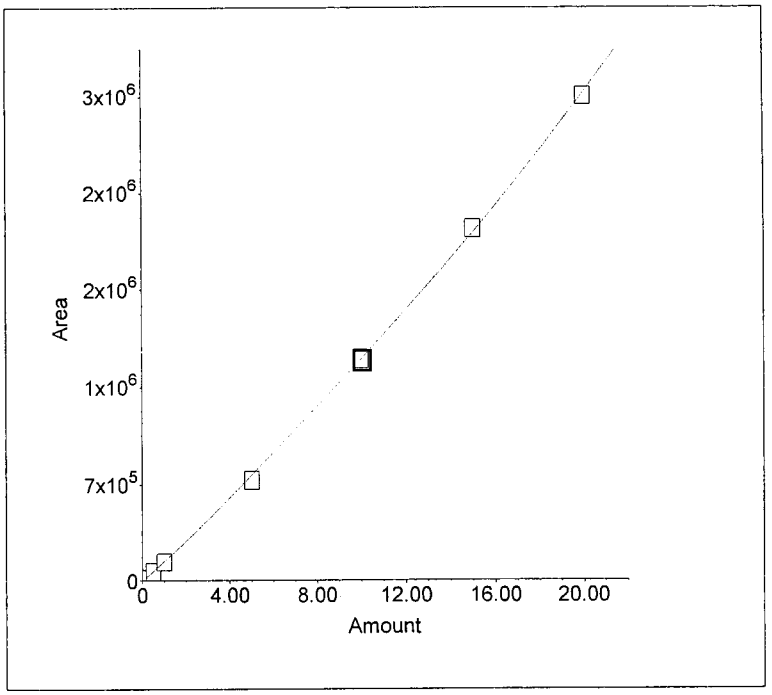
Method:C:\PEAKNET\METHOD\ANIONS060826A.MET Updated:10/1/06 11:16:42 AM Total:7

010241

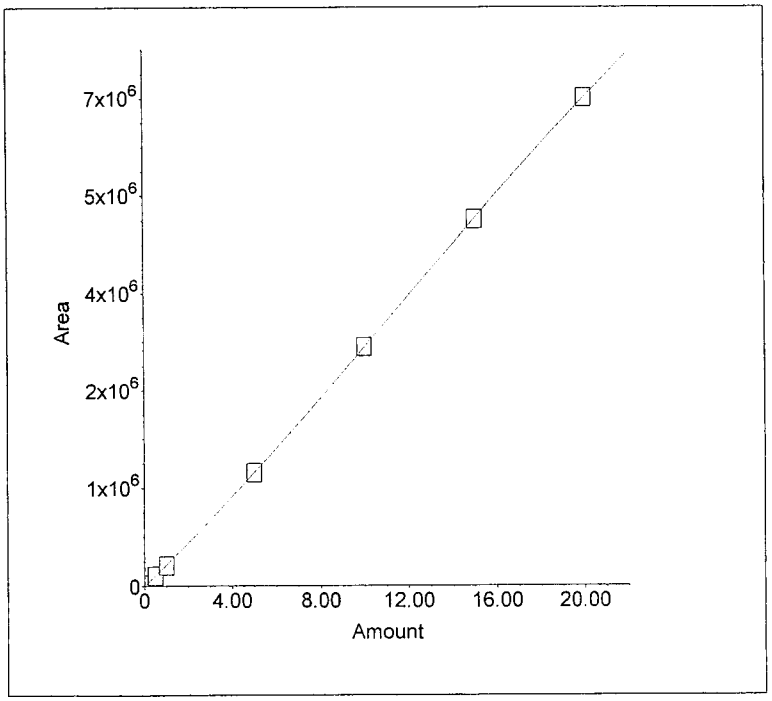
1. Component:FLUORIDE
Standard:External Fit Type:Cubic
Origin:Include Calibration:Area
r^2=0.999995
Amt=3.284150e-020*Resp³+
-2.812001e-013*Resp²+
4.366696e-006*Resp+0.01923



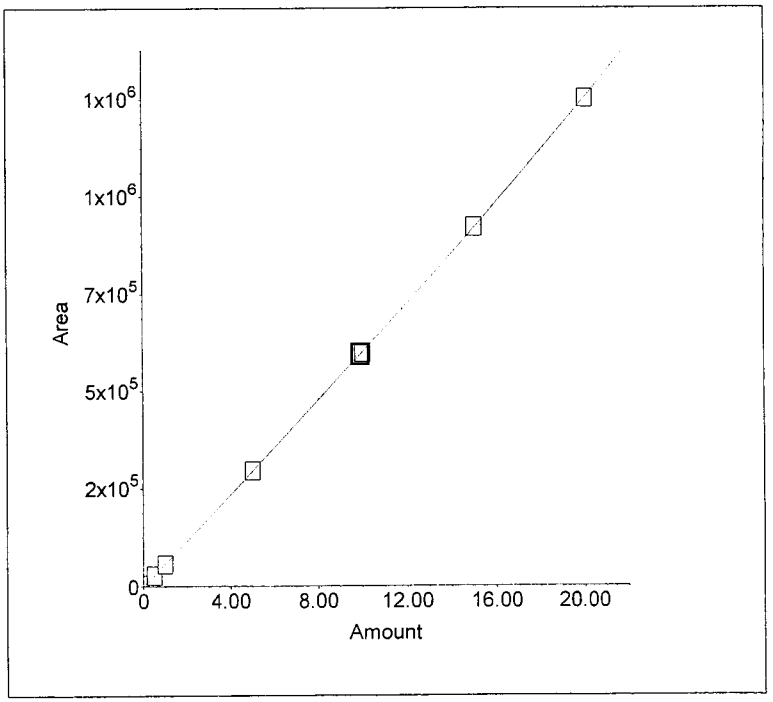
2. Component:CHLORIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999813
Amt=-2.842866e-013*Resp²+
6.637220e-006*Resp+0.04549



3. Component:NITRITE-N
Standard:External Fit Type:Cubic
Origin:Include Calibration:Area
r^2=0.999995
Amt=1.144922e-020*Resp³+
-1.417986e-013*Resp²+
3.170659e-006*Resp+0.02046

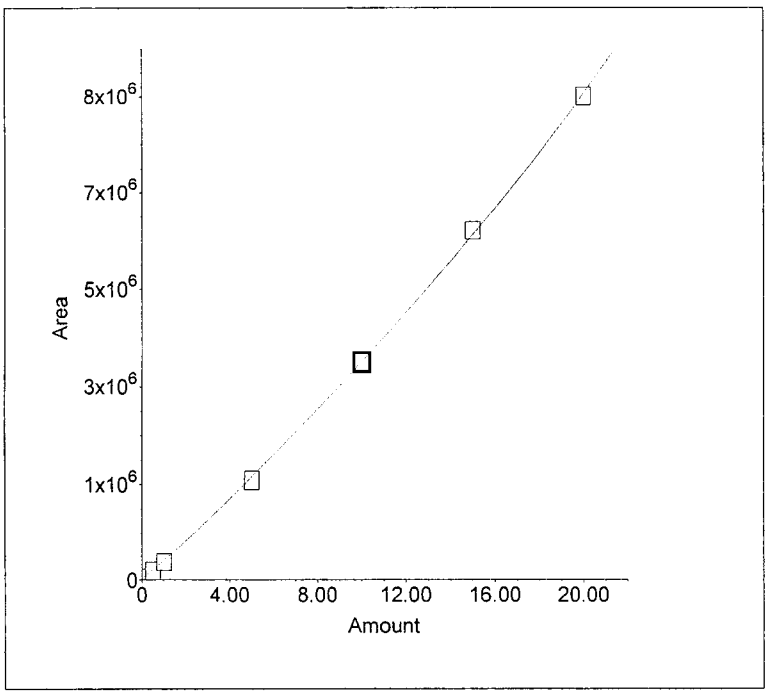


4. Component:BROMIDE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999988
Amt=-9.781434e-013*Resp²+
1.647401e-005*Resp+0.01744

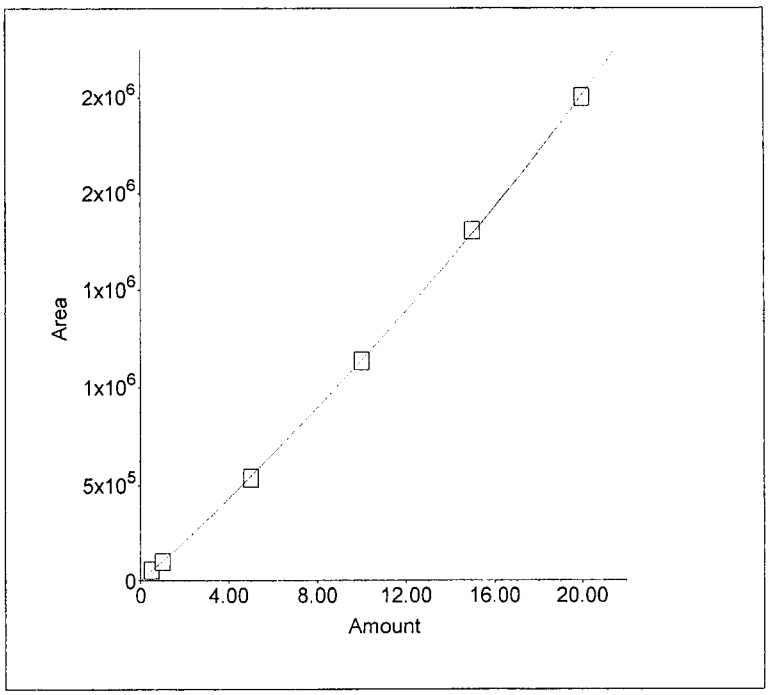


010242

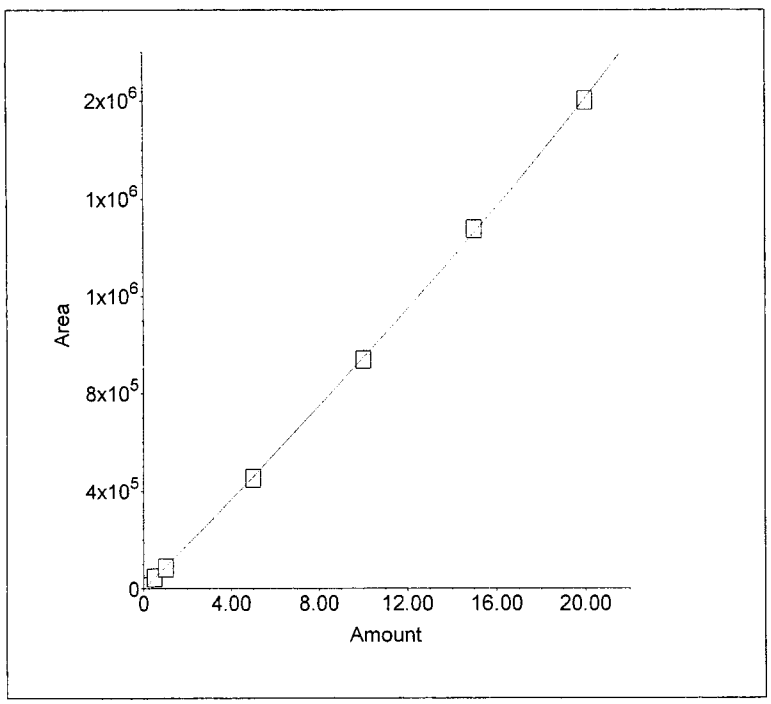
5. Component:NITRATE-N
Standard:External Fit Type:Quadratic
Origin:Force Calibration:Area
r^2=0.999792
Amt=-5.173414e-014*Resp^2+
2.692937e-006*Resp+0



6. Component:PHOSPHATE-P
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999934
Amt=-4.395069e-013*Resp^2+
8.177415e-006*Resp+0.02191



7. Component:SULFATE
Standard:External Fit Type:Quadratic
Origin:Include Calibration:Area
r^2=0.999903
Amt=-4.685890e-013*Resp^2+
9.969362e-006*Resp+0.02452



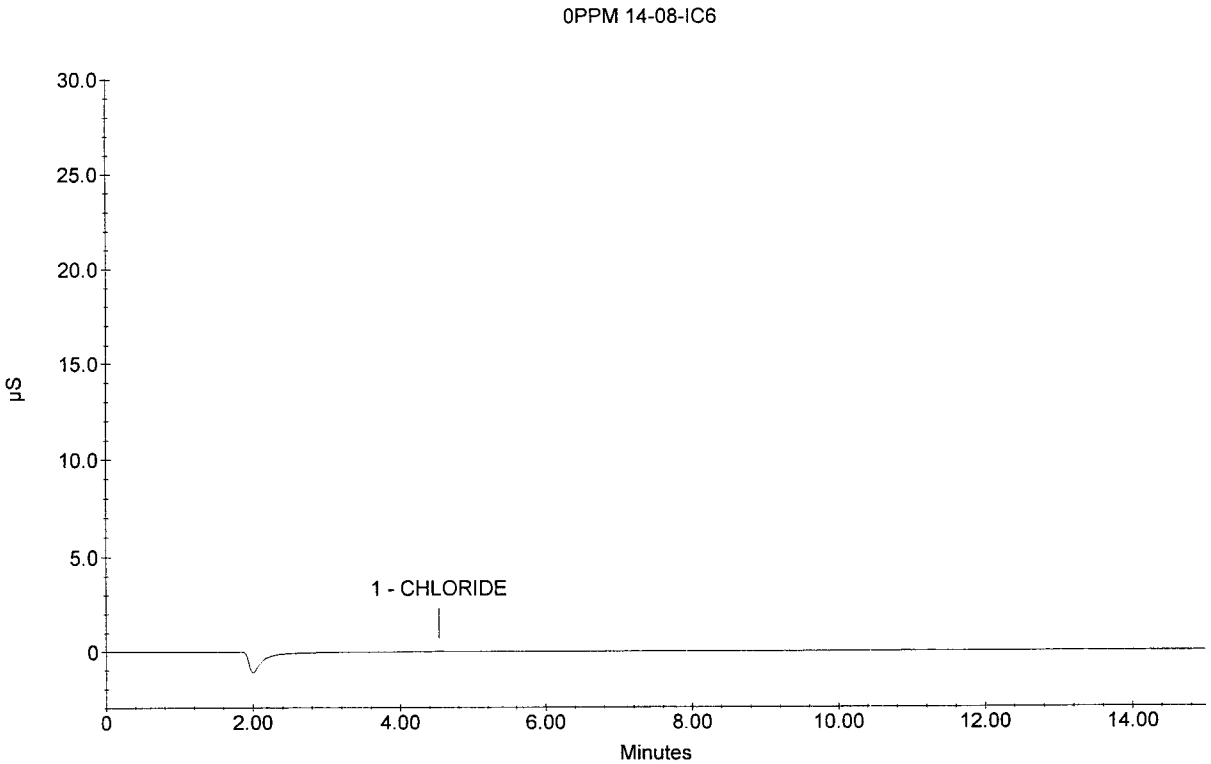
Sample Name : 0PPM 14-08-IC6
Dilution Factor : 1.00
Injection Number : 2
Data File Name : ...\060826_002.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:03:57 PM
Date Time Updated : 8/28/06 7:54:03 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010243

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	4.53	CHLORIDE	0.00	1612	195
1	4.53	CHLORIDE	0.00	1612	195
		NITRITE-N			
		BROMIDE			
		NITRATE-N			
		PHOSPHATE-P			
		SULFATE			



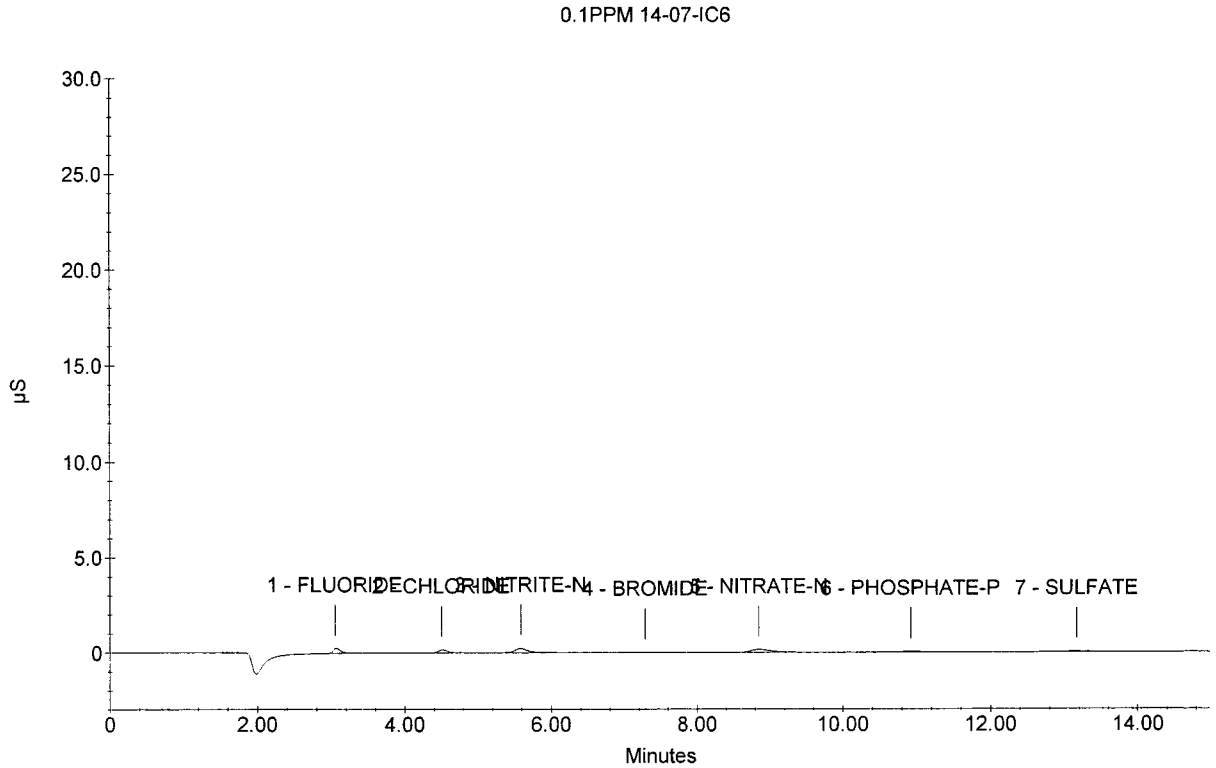
Sample Name : 0.1PPM 14-07-IC6
Dilution Factor : 1.00
Injection Number : 3
Data File Name : ...\060826_003.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:21:35 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010244

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.10	19430	2562
2	4.50	CHLORIDE	0.10	13701	1510
3	5.58	NITRITE-N	0.10	28686	2273
4	7.28	BROMIDE	0.10	5061	334
5	8.85	NITRATE-N	0.10	31047	1516
6	10.92	PHOSPHATE-P	0.10	12286	470
7	13.17	SULFATE	0.10	10354	390



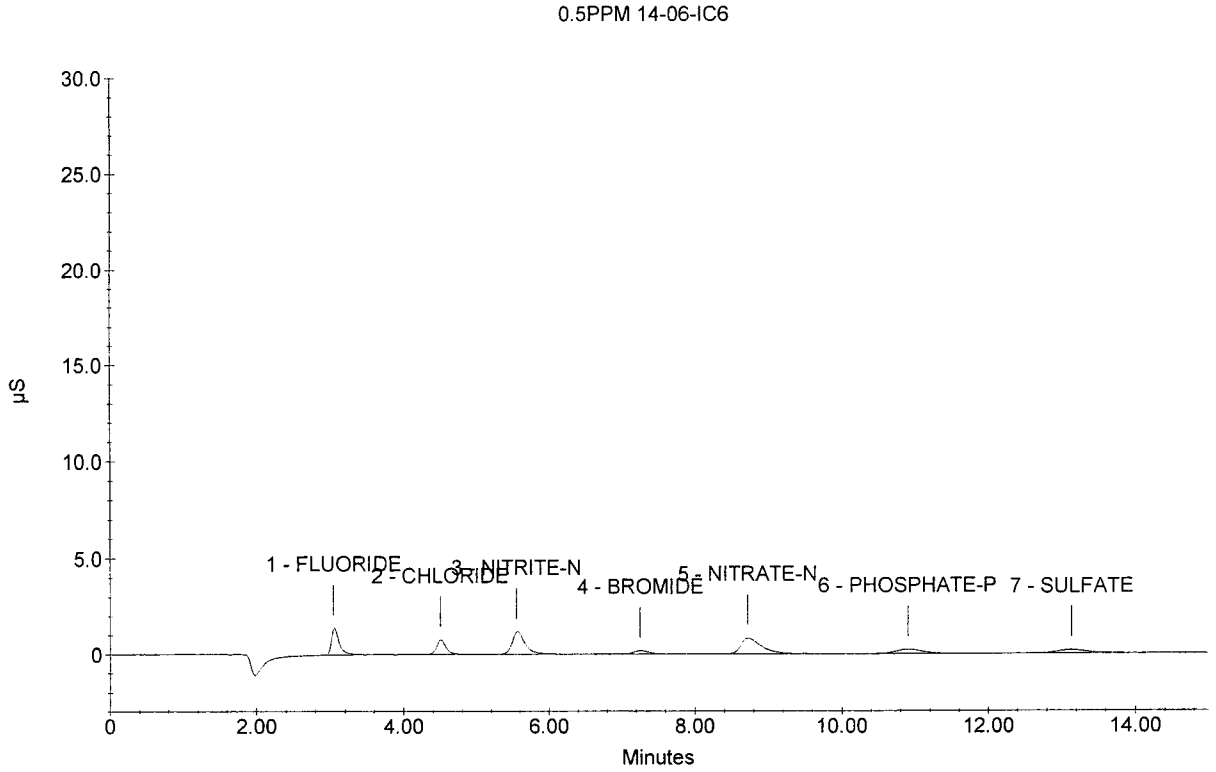
010244A

Sample Name : 0.5PPM 14-06-IC6
Dilution Factor : 1.00
Injection Number : 4
Data File Name : ...\060826_004.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:39:15 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	0.50	107784	13936
2	4.50	CHLORIDE	0.50	68715	7543
3	5.55	NITRITE-N	0.50	148748	11679
4	7.25	BROMIDE	0.50	28812	1844
5	8.72	NITRATE-N	0.50	164580	8283
6	10.90	PHOSPHATE-P	0.50	63022	2314
7	13.13	SULFATE	0.50	50470	1793



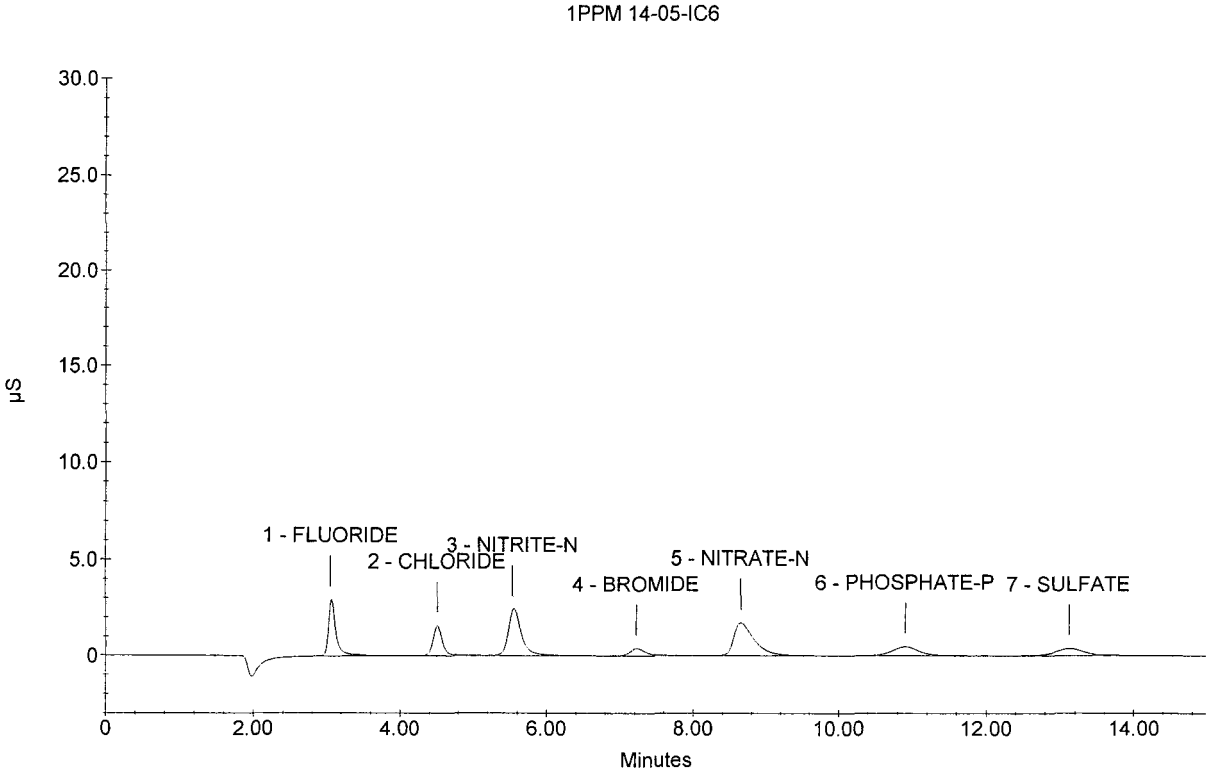
010245

Sample Name : 1PPM 14-05-IC6
Dilution Factor : 1.00
Injection Number : 5
Data File Name : ...\060826_005.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 2:56:54 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.05	FLUORIDE	1.00	225822	29308
2	4.50	CHLORIDE	1.00	141216	15529
3	5.53	NITRITE-N	1.00	305786	24004
4	7.22	BROMIDE	1.00	59390	3782
5	8.65	NITRATE-N	1.00	340074	17081
6	10.90	PHOSPHATE-P	1.00	116666	4584
7	13.12	SULFATE	1.00	94817	3540



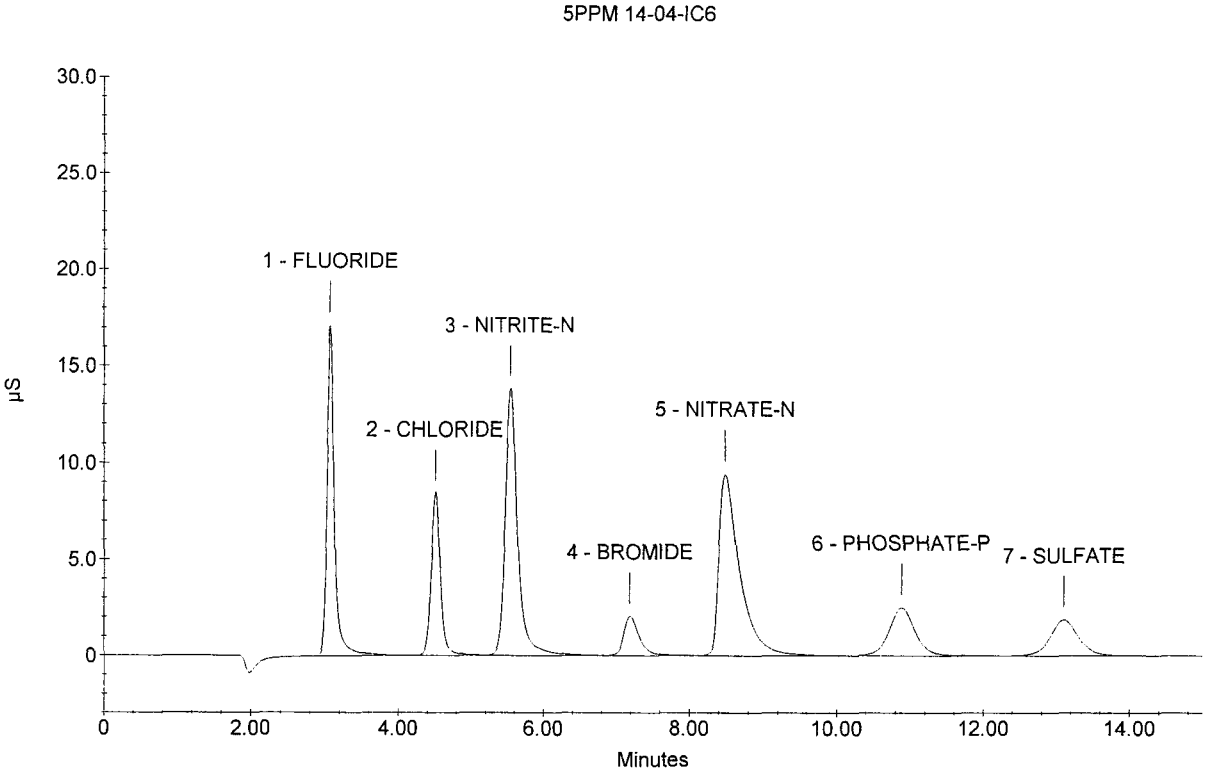
Sample Name : 5PPM 14-04-IC6
Dilution Factor : 1.00
Injection Number : 6
Data File Name : ...\060826_006.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:14:33 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010246

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.07	FLUORIDE	5.00	1219655	170834
2	4.50	CHLORIDE	5.00	737568	83501
3	5.53	NITRITE-N	5.00	1676308	137385
4	7.18	BROMIDE	5.00	308669	20197
5	8.48	NITRATE-N	5.00	1858329	93837
6	10.88	PHOSPHATE-P	5.00	620253	24802
7	13.10	SULFATE	5.00	505266	18372



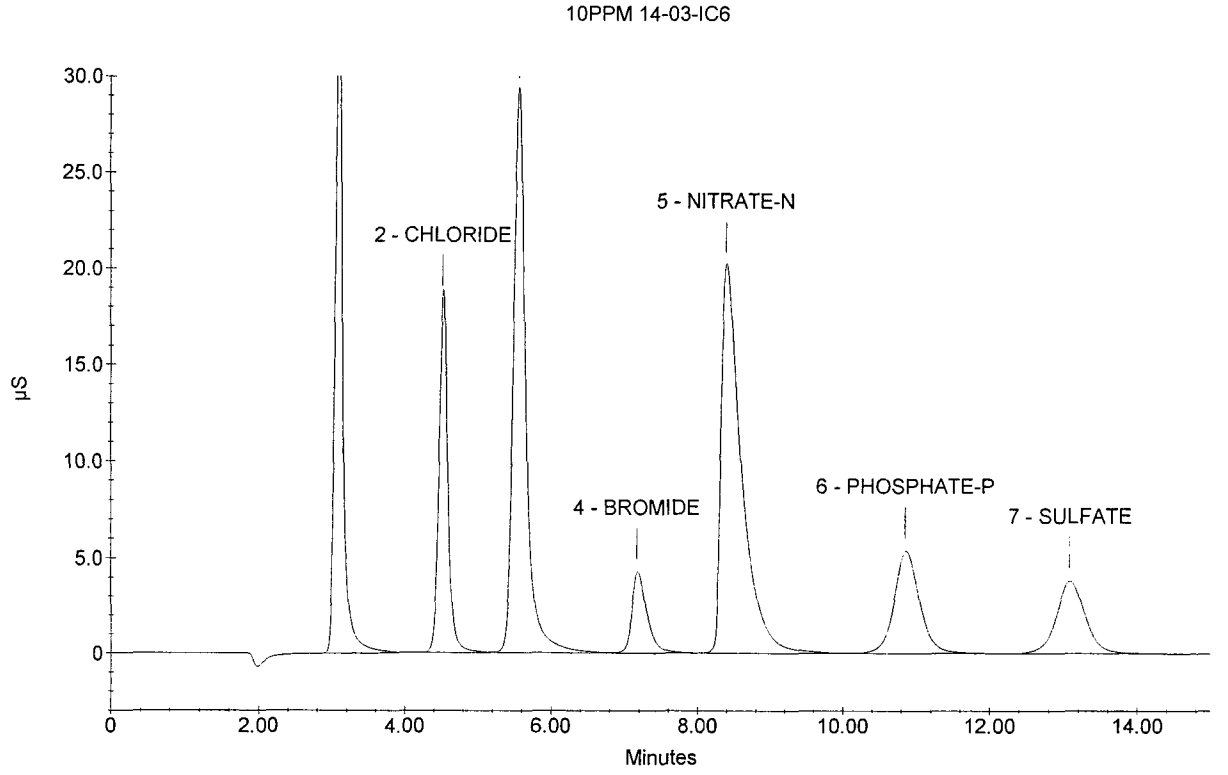
Sample Name : 10PPM 14-03-IC6
Dilution Factor : 1.00
Injection Number : 7
Data File Name : ...\060826_007.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:32:12 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010247

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.08	FLUORIDE	10.00	2593593	354129
2	4.52	CHLORIDE	10.00	1613751	183575
3	5.55	NITRITE-N	10.00	3558942	291904
4	7.17	BROMIDE	10.00	626667	42374
5	8.38	NITRATE-N	10.00	4022908	201351
6	10.85	PHOSPHATE-P	10.00	1306455	53627
7	13.08	SULFATE	10.00	1044181	38351



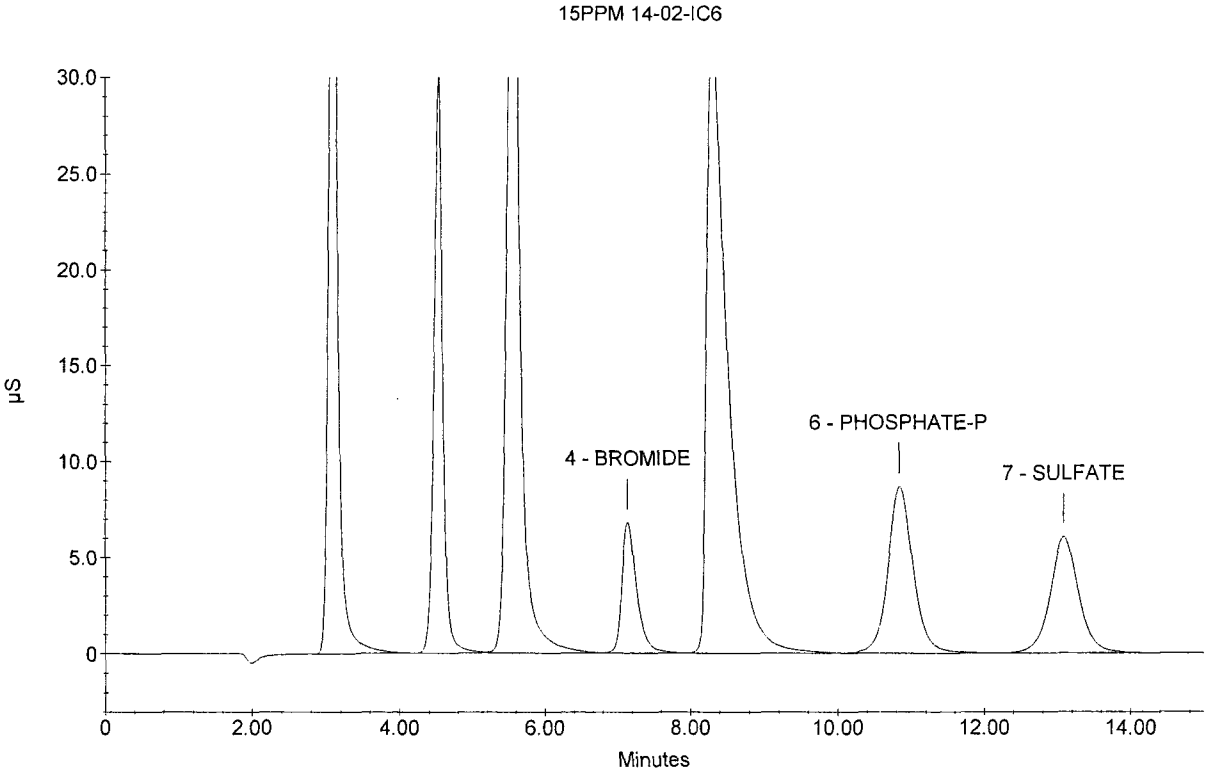
Sample Name : 15PPM 14-02-IC6
Dilution Factor : 1.00
Injection Number : 8
Data File Name : ...\060826_008.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 3:49:51 PM
Date Time Updated : 8/28/06 7:54:04 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010248

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.10	FLUORIDE	15.00	3970878	524109
2	4.53	CHLORIDE	15.00	2557549	301109
3	5.55	NITRITE-N	15.00	5464845	443607
4	7.13	BROMIDE	15.00	968108	67975
5	8.28	NITRATE-N	15.00	6426203	317140
6	10.83	PHOSPHATE-P	15.00	2078468	86759
7	13.08	SULFATE	15.00	1644787	60485



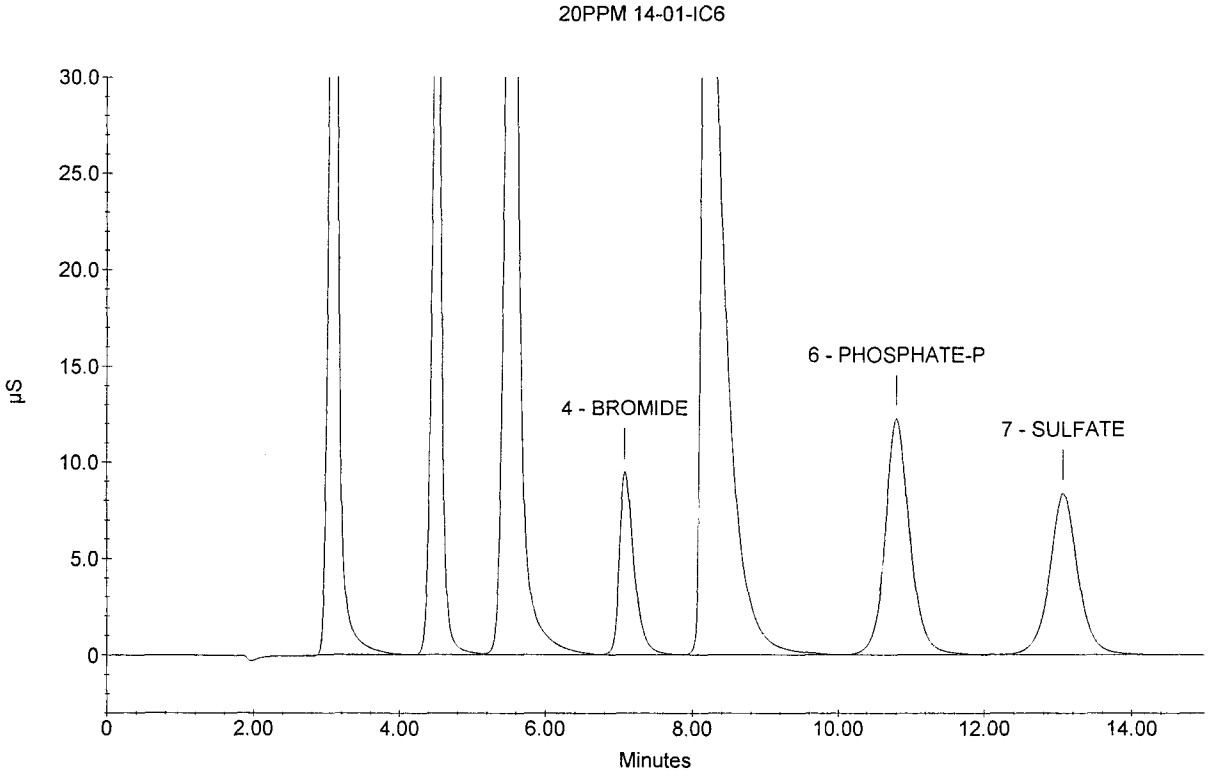
Sample Name : 20PPM 14-01-IC6
Dilution Factor : 1.00
Injection Number : 9
Data File Name : ...\060826_009.dxd
Method File Name : ...\ANIONS060826.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:07:31 PM
Date Time Updated : 8/28/06 7:56:56 AM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010249

Peak Information : All Components

Peak Number	Peak Retention Time	Component Name	Concentration, ppm (ppm)	Peak Area	Peak Height
1	3.09	FLUORIDE	20.00	5264287	666938
2	4.52	CHLORIDE	20.00	3527628	412670
3	5.53	NITRITE-N	20.00	7279959	580230
4	7.08	BROMIDE	20.00	1314511	94369
5	8.20	NITRATE-N	20.00	8929193	436545
6	10.80	PHOSPHATE-P	20.00	2884095	122072
7	13.06	SULFATE	20.00	2231267	83410



010250

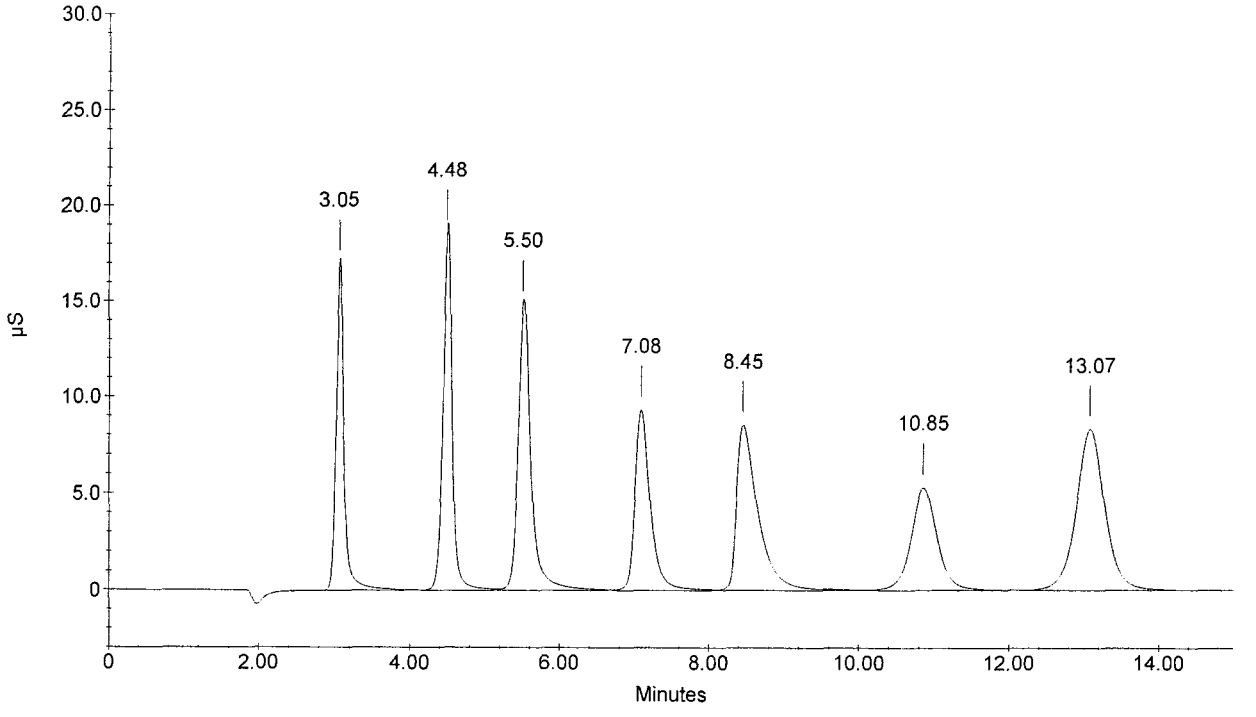
Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 10
Data File Name : C:\PEAKNET\DATA\060826\060826_010.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:25:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	101.182	169957	1238676	2	-1.29
2	4.48	CHLORIDE	203.242	185746	1639335	2	-0.81
3	5.50	NITRITE-N	109.487	149010	1850351	2	-0.54
4	7.08	BROMIDE	413.225	93316	1363498	2	0.05
5	8.45	NITRATE-N	89.081	85194	1710156	2	3.05
6	10.85	PHOSPHATE-P	199.286	52892	1307756	2	0.46
7	13.07	SULFATE	398.693	83163	2231102	2	0.05
	0.00		---total(s)--- 1514.196		11340874		

ICV



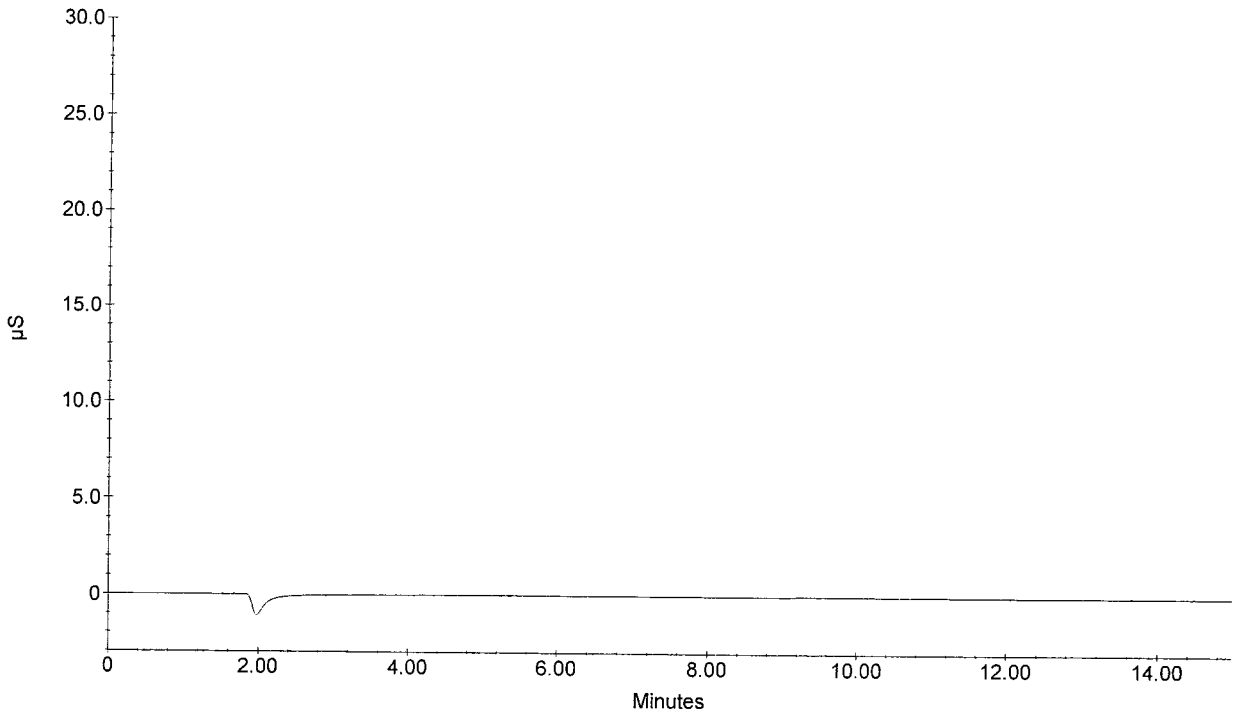
Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 11
Data File Name : C:\PEAKNET\DATA\060826\060826_011.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:42:48 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null)	0.000	0	0	0	0.00
		CHLORIDE					
		NITRITE-N					
		BROMIDE					
		NITRATE-N					
		PHOSPHATE-P					
		SULFATE					
	0.00	---total(s)---	0.000		0		

ICB



010252

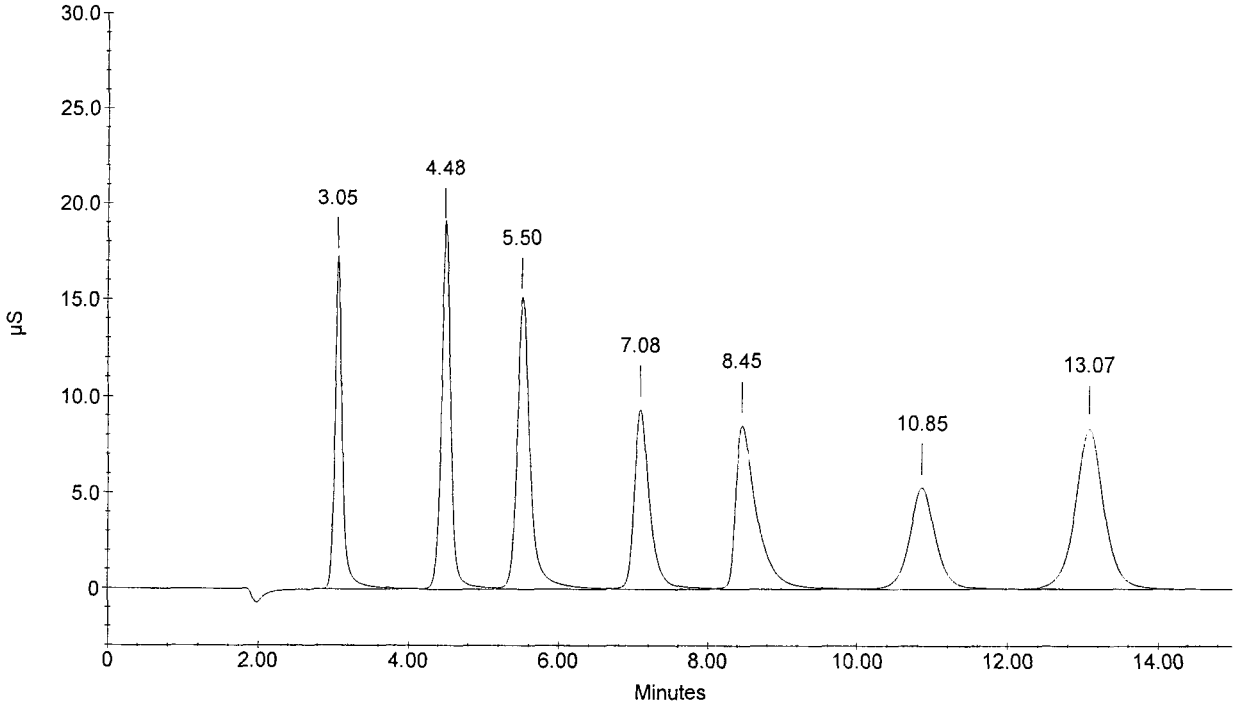
Sample Name : ICV
Dilution Factor : 20.00
Injection Number : 10
Data File Name : C:\PEAKNET\DATA\060826\060826_010.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:25:09 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
1	3.05	FLUORIDE	101.182	169957	1238676	2	-1.29
2	4.48	CHLORIDE	203.242	185746	1639335	2	-0.81
3	5.50	NITRITE-N	109.487	149010	1850351	2	-0.54
4	7.08	BROMIDE	413.225	93316	1363498	2	0.05
5	8.45	NITRATE-N	89.081	85194	1710156	2	3.05
6	10.85	PHOSPHATE-P	199.286	52892	1307756	2	0.46
7	13.07	SULFATE	398.693	83163	2231102	2	0.05
	0.00	---total(s)---	1514.196		11340874		

ICV

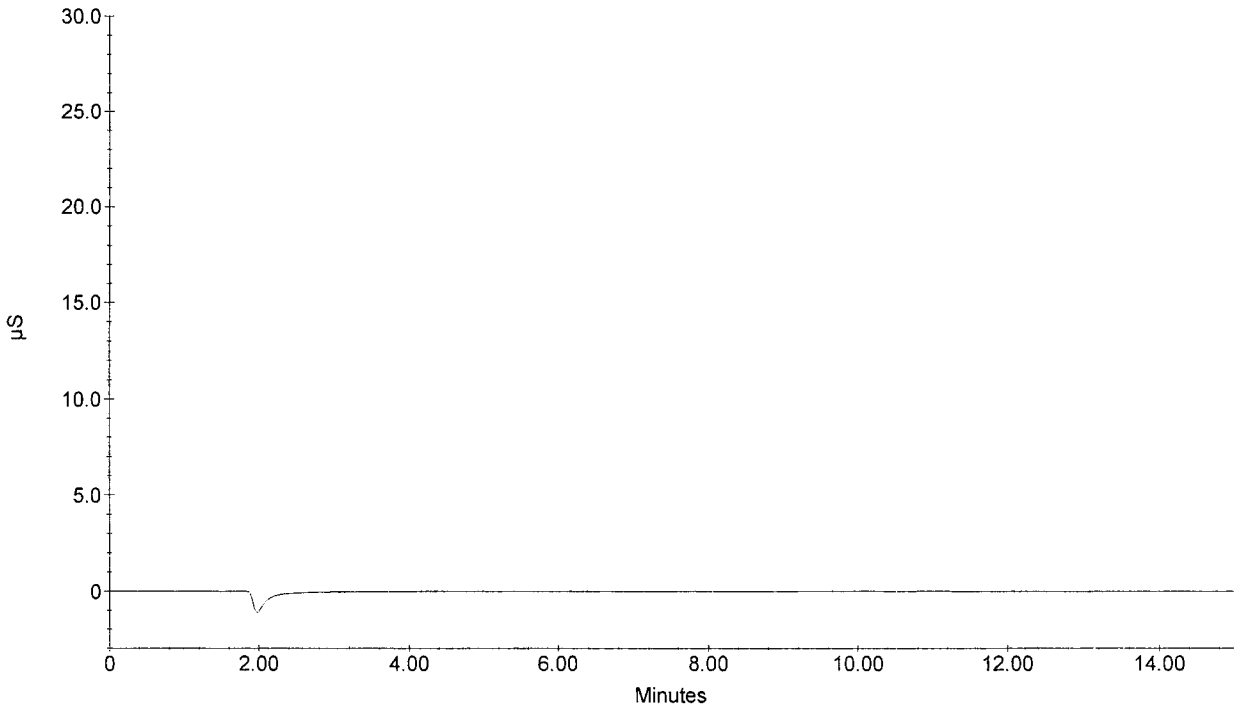


Sample Name : ICB
Dilution Factor : 1.00
Injection Number : 11
Data File Name : C:\PEAKNET\DATA\060826\060826_011.dxd
Method File Name : ...\ANIONS060826A.met
Schedule File Name : c:\peaknet\schedule\060826.sch

Date Time Collected : 8/26/06 4:42:48 PM
System Name : Dx-500
Detector Name : Conductivity Detector
Column Type : AS14-SN#018097 AG14-#019940
System Operator : RSPIES

010253

Peak Information : All Components

Pk. Num	Ret Time	Component Name	Concentration (ppm)	Height	Area	Bl. Code	%Delta
0	0.00	(null) CHLORIDE NITRITE-N BROMIDE NITRATE-N PHOSPHATE-P SULFATE	0.000	0	0	0	0.00
		---total(s)---					
	0.00		0.000		0		

ICB