

COMPREHENSIVE VALIDATION PACKAGE

ATL Subcontract

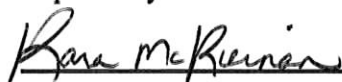
INVENTORY SHEET

WORK ORDER # 0909552E/F

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Completed by:


(Signature)

Kara McKiernan/ Document Control
(Print Name & Title)

10/23/09
(Date)

WORK ORDER #: 0909552E

Work Order Summary

CLIENT:	Mr. Taeko Minegishi Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494	BILL TO:	Accounts Payable Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494
PHONE:	800-825-5343	P.O. #	16512
FAX:	781-247-4305	PROJECT #	16512
DATE RECEIVED:	09/25/2009	CONTACT:	Ausha Scott
DATE COMPLETED:	10/22/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	103160	SubContract
02A	103161	SubContract
03A	103162	SubContract
04A	103164	SubContract
05A	103165	SubContract
06A	103189	SubContract
07A	103190	SubContract
08A	103191	SubContract
09A	103192	SubContract
10A	103193	SubContract
11A	103194	SubContract
12A	106663	SubContract
13A	106664	SubContract
14A	106665	SubContract
15A	106666	SubContract
16A	106667	SubContract
17A	106668	SubContract
18A	106687	SubContract

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20A	106689	SubContract
21A	106690	SubContract
22A	106691	SubContract
23A	106692	SubContract
24A	106716	SubContract
25A	106717	SubContract
26A	106718	SubContract
27A	106719	SubContract
28A	106720	SubContract
29A	106721	SubContract
30A	106745	SubContract
31A	106746	SubContract
32A	106747	SubContract
33A	106748	SubContract
34A	106749	SubContract
35A	106750	SubContract
36A	106774	SubContract
37A	106775	SubContract
38A	106776	SubContract
39A	106777	SubContract

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42A	106803	SubContract
43A	106804	SubContract
44A	106805	SubContract
45A	106806	SubContract
46A	106807	SubContract
47A	106808	SubContract
48A	106832	SubContract
49A	106833	SubContract
50A	106834	SubContract
51A	106835	SubContract
52A	106836	SubContract
53A	106837	SubContract
54A	106861	SubContract
55A	106862	SubContract
56A	106863	SubContract
57A	106864	SubContract
58A	106865	SubContract
59A	106866	SubContract
60A	106880	SubContract

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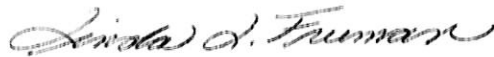
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61A	106884	SubContract

CERTIFIED BY:



Laboratory Director

DATE: 10/22/09

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

WORK ORDER #: 0909552F

Work Order Summary

CLIENT:	Mr. Taeko Minegishi Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494	BILL TO:	Accounts Payable Environmental Health & Engineering, Inc. 117 Fourth Avenue Needham, MA 02494
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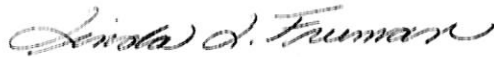
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DATE COMPLETED:	10/21/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
61A	106884	SubContract
62A	Method Blank 1	SubContract
62B	Method Blank 2	SubContract

CERTIFIED BY:



Laboratory Director

DATE: 10/22/09

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**LABORATORY NARRATIVE
Subcontracted Analysis
Environmental Health & Engineering, Inc.
Workorder# 0909552E**

Sixty-one Radiello 166 (SO₂) samples were received on September 25, 2009. The samples were subcontracted to APPL, Inc for analysis.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The samples were subcontracted to APPL, Inc for analysis.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicate as follows:

- B - Compound present in laboratory blank greater than reporting limit.
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the detection limit.
- M - Reported value may be biased due to apparent matrix interferences.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue

LABORATORY NARRATIVE
Subcontracted analysis
Environmental Health & Engineering, Inc.
Workorder# 0909552F

Sixty-one Radiello 166 (HF) samples were received on September 25, 2009. The samples were subcontracted to APPL, Inc for analysis.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The samples were subcontracted to APPL, Inc for analysis.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicate as follows:

- B - Compound present in laboratory blank greater than reporting limit.
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the detection limit.
- M - Reported value may be biased due to apparent matrix interferences.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue

Sample Results and Raw Data

AIR TOXICS LTD.

Radiello analysis by EPA 300.0 (Sulfur Dioxide)*

Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
103160	0909552E-01A	9/21/2009	10/2/2009	1.00	17	7.0	ND	ND
103161	0909552E-02A	9/21/2009	10/2/2009	1.00	17	7.0	ND	ND
103162	0909552E-03A	9/21/2009	10/5/2009	1.00	17	7.0	ND	ND
103164	0909552E-04A	9/21/2009	10/5/2009	1.00	17	7.0	ND	ND
103165	0909552E-05A	NA	10/5/2009	1.00	17	7.0	ND	ND
103189	0909552E-06A	9/21/2009	10/5/2009	1.00	17	7.5	ND	ND
103190	0909552E-07A	9/21/2009	10/5/2009	1.00	17	7.5	ND	ND
103191	0909552E-08A	9/21/2009	10/5/2009	1.00	17	7.5	ND	ND
103192	0909552E-09A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
103193	0909552E-10A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
103194	0909552E-11A	NA	10/6/2009	1.00	17	7.0	ND	ND
106663	0909552E-12A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
106664	0909552E-13A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
106665	0909552E-14A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
106666	0909552E-15A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
106667	0909552E-16A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
106668	0909552E-17A	NA	10/6/2009	1.00	17	7.0	ND	ND
106687	0909552E-18A	9/21/2009	10/6/2009	1.00	17	7.5	ND	ND
106688	0909552E-19A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106689	0909552E-20A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

COMMENTS: 1. NA=Not Applicable

2. ND=Not Detected

3. Exposure time of 20160 minutes was assumed for the QC samples.

4. Background subtraction not performed.

AIR TOXICS LTD.

Radioello analysis by EPA 300.0 (Sulfur Dioxide)*

Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
106690	0909552E-21A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106691	0909552E-22A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106692	0909552E-23A	NA	10/7/2009	1.00	17	7.0	ND	ND
106716	0909552E-24A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106717	0909552E-25A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106718	0909552E-26A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106719	0909552E-27A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106720	0909552E-28A	9/21/2009	10/7/2009	1.00	17	7.5	ND	ND
106721	0909552E-29A	NA	10/8/2009	1.00	17	7.0	ND	ND
106745	0909552E-30A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106746	0909552E-31A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106747	0909552E-32A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106748	0909552E-33A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106749	0909552E-34A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106750	0909552E-35A	NA	10/8/2009	1.00	17	7.0	ND	ND
106774	0909552E-36A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106775	0909552E-37A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106776	0909552E-38A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106777	0909552E-39A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND
106778	0909552E-40A	9/22/2009	10/8/2009	1.00	17	7.0	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

COMMENTS: 1. NA=Not Applicable

2. ND=Not Detected

3. Exposure time of 20160 minutes was assumed for the QC samples.

4. Background subtraction not performed.

AIR TOXICS LTD.

Radio analysis by EPA 300.0 (Sulfur Dioxide)*

Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
106779	0909552E-41A	NA	10/8/2009	1.00	17	7.0	ND	ND
106803	0909552E-42A	9/23/2009	10/8/2009	1.00	17	7.0	ND	ND
106804	0909552E-43A	9/23/2009	10/8/2009	1.00	17	7.0	ND	ND
106805	0909552E-44A	9/23/2009	10/8/2009	1.00	17	7.0	ND	ND
106806	0909552E-45A	9/23/2009	10/8/2009	1.00	17	7.0	ND	ND
106807	0909552E-46A	9/23/2009	10/8/2009	1.00	17	7.0	ND	ND
106808	0909552E-47A	NA	10/8/2009	1.00	17	7.0	ND	ND
106832	0909552E-48A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106833	0909552E-49A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106834	0909552E-50A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106835	0909552E-51A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106836	0909552E-52A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106837	0909552E-53A	NA	10/9/2009	1.00	17	7.0	ND	ND
106861	0909552E-54A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106862	0909552E-55A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106863	0909552E-56A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106864	0909552E-57A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106865	0909552E-58A	9/23/2009	10/9/2009	1.00	17	7.0	ND	ND
106866	0909552E-59A	NA	10/9/2009	1.00	17	7.0	ND	ND
106880	0909552E-60A	NA	10/9/2009	1.00	17	7.0	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

COMMENTS: 1. NA=Not Applicable

2. ND=Not Detected

3. Exposure time of 20160 minutes was assumed for the QC samples.

4. Background subtraction not performed.

AIR TOXICS LTD.

Radiello analysis by EPA 300.0 (Sulfur Dioxide) *

Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
106884	0909552E-61A	NA	10/9/2009	1.00	17	7.0	ND	ND
Method Blank 1	0909552E-62A	NA	10/12/2009	1.00	17	7.0	ND	ND
Method Blank 2	0909552E-62B	NA	10/12/2009	1.00	17	7.0	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

COMMENTS: 1. NA=Not Applicable

2. ND=Not Detected

3. Exposure time of 20160 minutes was assumed for the QC samples.

4. Background subtraction not performed.

AIR TOXICS LTD.

Radio analysis by EPA 300.0 (Hydrofluoric Acid)*

Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
103160	0909552F-01A	9/21/2009	10/2/2009	1.00	5.3	1.4	ND	ND
103161	0909552F-02A	9/21/2009	10/2/2009	1.00	5.3	1.4	ND	ND
103162	0909552F-03A	9/21/2009	10/5/2009	1.00	5.3	1.4	ND	ND
103164	0909552F-04A	9/21/2009	10/5/2009	1.00	5.3	1.4	ND	ND
103165	0909552F-05A	NA	10/5/2009	1.00	5.3	1.4	ND	ND
103189	0909552F-06A	9/21/2009	10/5/2009	1.00	5.3	1.5	ND	ND
103190	0909552F-07A	9/21/2009	10/5/2009	1.00	5.3	1.5	ND	ND
103191	0909552F-08A	9/21/2009	10/5/2009	1.00	5.3	1.5	ND	ND
103192	0909552F-09A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
103193	0909552F-10A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
103194	0909552F-11A	NA	10/6/2009	1.00	5.3	1.4	ND	ND
106663	0909552F-12A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
106664	0909552F-13A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
106665	0909552F-14A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
106666	0909552F-15A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
106667	0909552F-16A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
106668	0909552F-17A	NA	10/6/2009	1.00	5.3	1.4	ND	ND
106687	0909552F-18A	9/21/2009	10/6/2009	1.00	5.3	1.5	ND	ND
106688	0909552F-19A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106689	0909552F-20A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

- COMMENTS: 1. NA=Not Applicable
 2. ND=Not Detected
 3. Exposure time of 20160 minutes was assumed for the QC samples.
 4. Background subtraction not performed.

AIR TOXICS LTD.

Radio analysis by EPA 300.0 (Hydrofluoric Acid)*

Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
106690	0909552F-21A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106691	0909552F-22A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106692	0909552F-23A	NA	10/7/2009	1.00	5.3	1.4	ND	ND
106716	0909552F-24A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106717	0909552F-25A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106718	0909552F-26A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106719	0909552F-27A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106720	0909552F-28A	9/21/2009	10/7/2009	1.00	5.3	1.5	ND	ND
106721	0909552F-29A	NA	10/8/2009	1.00	5.3	1.4	ND	ND
106745	0909552F-30A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106746	0909552F-31A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106747	0909552F-32A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106748	0909552F-33A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106749	0909552F-34A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106750	0909552F-35A	NA	10/8/2009	1.00	5.3	1.4	ND	ND
106774	0909552F-36A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106775	0909552F-37A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106776	0909552F-38A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106777	0909552F-39A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106778	0909552F-40A	9/22/2009	10/8/2009	1.00	5.3	1.4	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

- COMMENTS: 1. NA=Not Applicable
2. ND=Not Detected
3. Exposure time of 20160 minutes was assumed for the QC samples.
4. Background subtraction not performed.

AIR TOXICS LTD.

Radio analysis by EPA 300.0 (Hydrofluoric Acid)* Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
106779	0909552F-41A	NA	10/8/2009	1.00	5.3	1.4	ND	ND
106803	0909552F-42A	9/23/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106804	0909552F-43A	9/23/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106805	0909552F-44A	9/23/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106806	0909552F-45A	9/23/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106807	0909552F-46A	9/23/2009	10/8/2009	1.00	5.3	1.4	ND	ND
106808	0909552F-47A	NA	10/8/2009	1.00	5.3	1.4	ND	ND
106832	0909552F-48A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106833	0909552F-49A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106834	0909552F-50A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106835	0909552F-51A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106836	0909552F-52A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106837	0909552F-53A	NA	10/9/2009	1.00	5.3	1.4	ND	ND
106861	0909552F-54A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106862	0909552F-55A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106863	0909552F-56A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106864	0909552F-57A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106865	0909552F-58A	9/23/2009	10/9/2009	1.00	5.3	1.4	ND	ND
106866	0909552F-59A	NA	10/9/2009	1.00	5.3	1.4	ND	ND
106880	0909552F-60A	NA	10/9/2009	1.00	5.3	1.4	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

COMMENTS:

1. NA=Not Applicable
2. ND=Not Detected
3. Exposure time of 20160 minutes was assumed for the QC samples.
4. Background subtraction not performed.

AIR TOXICS LTD.

Radiello analysis by EPA 300.0 (Hydrofluoric Acid)* Spectrophotometer

Field Sample I.D.	Lab Sample I.D.	Collection Date	Analysis Date	Dilution Factor	Reporting Limit (ug)	Reporting Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
106884	0909552F-61A	NA	10/9/2009	1.00	5.3	1.4	ND	ND
Method Blank 1	0909552F-62A	NA	10/12/2009	1.00	5.3	1.4	ND	ND
Method Blank 2	0909552F-62B	NA	10/12/2009	1.00	5.3	1.4	ND	ND

*Fluoride analysis performed by subcontracted laboratory.

- COMMENTS:** 1. NA=Not Applicable
2. ND=Not Detected
3. Exposure time of 20160 minutes was assumed for the QC samples.
4. Background subtraction not performed.

Hydrofluoric Acid Radiello Calculation Worksheet

090955Z

Workorder #: 187
Sampling Rate (ml/min): 25
Sampling 1 (deg C): Typically 25
Initial Volume (ml): Typically 5 for HF
Date of Analysis:

Corrected Q

187

No calc for temp correction

LabSampleID	Client	Date of Collection	Conc F- (mg/L)	RL F- (mg/L)	DF	Analysis Date	Duration (min)	Conc F- (ug)	Conc HF (ug)	Conc HF (ug/m3)	RL HF (ug)	RL HF (ug)
01A	103160	9/21/2009	ND	1.000	1.00	10/7/2009	20160	ND	ND	ND	5.000	5.3
02A	103161	9/21/2009	ND	1.000	1.00	10/7/2009	20160	ND	ND	ND	5.000	5.3
03A	103162	9/21/2009	ND	1.000	1.00	10/5/2009	20160	ND	ND	ND	5.000	5.3
04A	103164	9/21/2009	ND	1.000	1.00	10/5/2009	20160	ND	ND	ND	5.000	5.3
05A	103165	9/21/2009	ND	1.000	1.00	10/5/2009	20160	ND	ND	ND	5.000	5.3
06A	103189	9/21/2009	ND	1.000	1.00	10/5/2009	18720	ND	ND	ND	5.000	5.3
07A	103190	9/21/2009	ND	1.000	1.00	10/5/2009	18720	ND	ND	ND	5.000	5.3
08A	103191	9/21/2009	ND	1.000	1.00	10/5/2009	18720	ND	ND	ND	5.000	5.3
09A	103192	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
10A	103193	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
11A	103194	9/21/2009	ND	1.000	1.00	10/6/2009	20160	ND	ND	ND	5.000	5.3
12A	106663	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
13A	106664	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
14A	106665	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
15A	106666	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
16A	106667	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
17A	106668	9/21/2009	ND	1.000	1.00	10/6/2009	20160	ND	ND	ND	5.000	5.3
18A	106667	9/21/2009	ND	1.000	1.00	10/6/2009	18720	ND	ND	ND	5.000	5.3
19A	106688	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
20A	106689	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
21A	106690	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
22A	106691	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
23A	106692	9/21/2009	ND	1.000	1.00	10/7/2009	20160	ND	ND	ND	5.000	5.3
24A	106716	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
25A	106717	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
26A	106718	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
27A	106719	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
28A	106720	9/21/2009	ND	1.000	1.00	10/7/2009	18720	ND	ND	ND	5.000	5.3
29A	106721	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
30A	106745	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
31A	106746	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
32A	106747	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
33A	106748	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
34A	106749	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
35A	106750	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
36A	106774	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
37A	106775	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
38A	106776	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
39A	106777	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
40A	106778	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
41A	106779	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
42A	106803	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
43A	106804	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
44A	106805	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
45A	106806	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
46A	106807	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
47A	106808	9/21/2009	ND	1.000	1.00	10/8/2009	20160	ND	ND	ND	5.000	5.3
48A	106832	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
49A	106833	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
50A	106834	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
51A	106835	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
52A	106836	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
53A	106837	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
54A	106861	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
55A	106862	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
56A	106863	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
57A	106864	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
58A	106865	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
59A	106866	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
60A	106880	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
61A	106894	9/21/2009	ND	1.000	1.00	10/9/2009	20160	ND	ND	ND	5.000	5.3
62A	106894	9/21/2009	ND	1.000	1.00	10/12/2009	20160	ND	ND	ND	5.000	5.3
62B	Method Blank 2	9/21/2009	ND	1.000	1.00	10/12/2009	20160	ND	ND	ND	5.000	5.3

1.053 = Factor from F- to HF
1.053 = Factor from F- to HF
1.053 = Factor from F- to HF

$$\text{Conc (mg/L)} \times \text{Initial Vol (ml)} \times 1000 \mu\text{g} \times 1\text{L}$$
$$\text{Conc F- (ug)} \times 1.053$$
$$\text{Conc (ug)} \times 1.053 \times 1000000$$
$$\text{RL (mg/L)} \times \text{Initial Vol (ml)} \times 1000 \mu\text{g} \times 1\text{L}$$
$$\text{RL F- (ug)} \times 1.053$$

1mgx1000=ml

Q x Duration (min)

1mg x 1000 mL

1.053 = Factor from F- to HF

$$\frac{RL(\mu g) \times 1.053 \times 1000000}{Q \times \text{Duration (min)}}$$

[illegible]

Shipping/ Receiving Documents

**180 Blue Ravine Road, Suite B
Folsom, CA 95630**

**Phone (916) 985-1000 FAX (916) 985-1020
Hours 8:00 A.M. to 6:00 P.M. Pacific**

COMPANY: Environmental Health & Engineering, Inc.
ATTENTION: Mr. Taeko Minegishi
FAX #: 781-247-4305
FROM: Sample Receiving
Workorder #: 0909552E
of pages (Including Cover): 4

10/23/2009

Thank you for selecting Air Toxics Ltd. We have received your samples and have found no discrepancies. In order to expedite analysis and reporting, please review the attached information for accuracy. Corrections can be faxed to **Ausha Scott at 916-985-1020.** ATL will proceed with the analysis as specified on the Chain of Custody and Sample Login page.

**180 Blue Ravine Road, Suite B
Folsom, CA 95630**

**Phone (916) 985-1000 FAX (916) 985-1020
Hours 8:00 A.M. to 6:00 P.M. Pacific**

COMPANY: Environmental Health & Engineering, Inc.
ATTENTION: Mr. Taeko Minegishi
FAX #: 781-247-4305
FROM: Sample Receiving
Workorder #: 0909552F
of pages (Including Cover): 4

10/23/2009

Thank you for selecting Air Toxics Ltd. We have received your samples and have found no discrepancies. In order to expedite analysis and reporting, please review the attached information for accuracy. Corrections can be faxed to **Ausha Scott at 916-985-1020.** ATL will proceed with the analysis as specified on the Chain of Custody and Sample Login page.

CHAIN OF CUSTODY FORM

DATE: 9/24/09

FROM: Environmental Health and Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494-2725

0900552

TO: Air Toxics

Please send invoices to ATTN: Accounts Payable
Please send reports to ATTN: Data Coordinator

In all correspondence regarding this matter, please refer to EH&E Project # 16512

The cost of this analysis will be covered by EH&E Purchase Order # 16512

For EH & E Data Coordinator - URGENT DATA ☒

SAMPLE ID	SAMPLE TYPE	ANALYTICAL METHOD/NUMBER	START	OTHER: Time/Date/Vol.	STOP
A- 103160	Air/PASSIVE	NO ₂ SO ₂ HF ANALYSIS	9/7/09	9/21/09	
2A- 103161					
3A- 103162					
4A- 103163					
5A- 103164					
6A- 103165					
7A- 103189			9/8/09	9/21/09	
8A- 103190					
9A- 103191					
10A- 103192					
11A- 103193					
12A- 103194					
13A- 106663			9/8/09	9/21/09	
14A- 106664					
15A- 106665					
16A- 106666					

Special Instructions:

- ☒ Standard turn around time ☐ Rush by _____ date/time
- ☐ Fax results 781-247-4305 ☒ Electronic transfer - datacoordinator@ehelinc.com
- ☐ RETURN SAMPLES ☒ Additional report recipient myfragala@ehelinc.com

Ref 80 8721 2332 9471
CUSTODY SEAL INTACT?
Y N NONE TEMP 20 C

Each signatory please return one copy of this form to the above address

Relinquished by: [Signature] of Environmental Health & Engineering, Inc. Date: 9/24/09

Received by: [Signature] of (company name) HH Date: 9/22/09

Relinquished by: _____ of (company name) _____ Date: _____

Received by: _____ of (company name) _____ Date: _____

Relinquished by: _____ of (company name) _____ Date: _____

Received by: _____ of (company name) _____ Date: _____

Lab Data
Received by: _____ of Environmental Health & Engineering, Inc. Date: _____

Page 1 of 4

CHAIN OF CUSTODY FORM

DATE:

9/24/09

FROM: Environmental Health and Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494-2725

0900552

TO: AIR TOXICS

Please send invoices to ATTN: Accounts Payable
Please send reports to ATTN: Data Coordinator

In all correspondence regarding this matter, please refer to EH&E Project # 16512

The cost of this analysis will be covered by EH&E Purchase Order # 16512

For EH & E Data Coordinator - URGENT DATA ☒

SAMPLE ID	SAMPLE TYPE	ANALYTICAL METHOD/NUMBER	ANALYST	OTHER: Time/Date/Vol. STOP
A- 106667	AIR/PASSIVE	NO ₂ SO ₂ HF ANALYSIS	9/8/09	9/21/09
A- 106668			↓	↓
A- 106687			9/8/09	9/21/09
9A 106688			↓	↓
9A 106689			↓	↓
1A 106690			↓	↓
2A 106691			↓	↓
3A 106692			↓	↓
MA 106716			9/8/09	9/21/09
5A 106717			↓	↓
7A 106718			↓	↓
8A 106719			↓	↓
8A 106720			↓	↓
9A 106721			↓	↓
10A 106745			9/8/09	9/22/09
1A 106746			↓	↓

Special Instructions:

☒ Standard turn around time

☐ Rush by _____ date/time

☐ Fax results 781-247-4305

☐ RETURN SAMPLES

☒ Electronic transfer - datacoordinator@ehelinc.com

☒ Additional report recipient mfragala@ehelinc.com



Each signatory please return one copy of this form to the above address

Relinquished by: [Signature] of Environmental Health & Engineering, Inc.

Date: 9/24/09

Received by: [Signature] of (company name) ATI

Date: 9/23/09

Relinquished by: _____ of (company name) _____

Date: _____

Received by: _____ of (company name) _____

Date: _____

Relinquished by: _____ of (company name) _____

Date: _____

Received by: _____ of (company name) _____

Date: _____

Lab Data
Received by: _____ of Environmental Health & Engineering, Inc.

Date: _____

Page 2 of 4

CHAIN OF CUSTODY FORM

DATE: 9/24/09

FROM: Environmental Health and Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494-2725

0909558

TO: Air Toxics

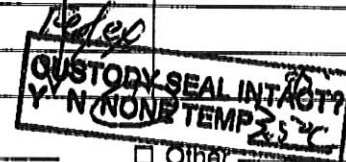
Please send invoices to ATTN: Accounts Payable
Please send reports to ATTN: Data Coordinator

In all correspondence regarding this matter, please refer to EH&E Project # 16512

The cost of this analysis will be covered by EH&E Purchase Order # 16512

For EH & E Data Coordinator - URGENT DATA ☒

SAMPLE ID	SAMPLE TYPE	ANALYTICAL METHOD/NUMBER	OTHER: Time/Date/Vol.
106747	AIR/PASSIVE	NO ₂ SO ₂ HE ANALYSIS	9/22/09
106748			
106749			
106750			
106774			9/22/09
106775			
106776			
106777			
106778			
106779			
106803			9/23/09
106804			
106805			
106806			
106807			
106808			



Special Instructions:

- ☒ Standard turn around time ☐ Rush by _____ date/time ☐ Other _____
- ☐ Fax results 781-247-4305 ☒ Electronic transfer - datacoordinator@ehinc.com
- ☐ RETURN SAMPLES ☒ Additional report recipient mirgala.c@ehinc.com

Each signatory please return one copy of this form to the above address

Relinquished by: [Signature] of Environmental Health & Engineering, Inc. Date: 9/24/09

Received by: [Signature] of (company name) At 1 Date: 9/24/09

Relinquished by: _____ of (company name) _____ Date: _____

Received by: _____ of (company name) _____ Date: _____

Relinquished by: _____ of (company name) _____ Date: _____

Received by: _____ of (company name) _____ Date: _____

Lab Data

Received by: _____ of Environmental Health & Engineering, Inc. Date: _____

Page 3 of 4

CHAIN OF CUSTODY FORM

DATE:

9/24/09

FROM: Environmental Health and Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494-2725

0909552

TO: AIR TOXICS

Please send invoices to ATTN: Accounts Payable
Please send reports to ATTN: Data Coordinator

In all correspondence regarding this matter, please refer to EH&E Project # 16512

The cost of this analysis will be covered by EH&E Purchase Order # 16512

For EH & E Data Coordinator - URGENT DATA ☒

SAMPLE ID	SAMPLE TYPE	ANALYTICAL METHOD/NUMBER	OTHER: Time/DATE Vol. STOP
106832	AIR PASSIVE	NO ₂ SO ₂ HF ANALYSIS	9/23/09
106833			
106834			
106835			
106836			
106837			
106861			9/23/09
106862			
106863			
106864			
106865			
106866			
106880		IFM	
106884			

Special Instructions:

☒ Standard turn around time

☐ Rush by _____ date/time

☐ Fax results 781-247-4305

☐ RETURN SAMPLES

☒ Additional report recipient

☒ Electronic transfer - datacoordinator@ehelinc.com

mfragala@ehelinc.com

CUSTOMER SEAL INTACT?
Y N NONE TEMP 25°C

Each signatory please return one copy of this form to the above address

Relinquished by: [Signature] of Environmental Health & Engineering, Inc.

Date: 9/24/09

Received by: [Signature] of (company name) ATI

Date: 9/22/09

Relinquished by: _____ of (company name) _____

Date: _____

Received by: _____ of (company name) _____

Date: _____

Relinquished by: _____ of (company name) _____

Date: _____

Received by: _____ of (company name) _____

Date: _____

Lab Data

Received by: _____ of Environmental Health & Engineering, Inc.

Date: _____

Page 4 of 4

SAMPLE RECEIPT SUMMARY

WORKORDER 0909552E

Client

Mr. Taeko Minegishi
Environmental Health &
Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Phone

800-825-5343

Fax

781-247-4305

Date Promised: 10/06/09 11:59 pm

Date Completed: 10/22/09

Date Received: 9/25/09

PO#: 16512

Project#: 16512

Sales Rep: TL

Total \$: \$ 6,100.00

Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
01A	103160	SubContract	9/27/2009	\$40.00
02A	103161	SubContract	9/27/2009	\$40.00
03A	103162	SubContract	9/27/2009	\$40.00
04A	103164	SubContract	9/27/2009	\$40.00
05A	103165	SubContract	NA	\$40.00
06A	103189	SubContract	9/27/2009	\$40.00
07A	103190	SubContract	9/27/2009	\$40.00
08A	103191	SubContract	9/27/2009	\$40.00
09A	103192	SubContract	9/27/2009	\$40.00
10A	103193	SubContract	9/27/2009	\$40.00
11A	103194	SubContract	NA	\$40.00
12A	106663	SubContract	9/27/2009	\$40.00
13A	106664	SubContract	9/27/2009	\$40.00
14A	106665	SubContract	9/27/2009	\$40.00
15A	106666	SubContract	9/27/2009	\$40.00
16A	106667	SubContract	9/27/2009	\$40.00
17A	106668	SubContract	NA	\$40.00
18A	106687	SubContract	9/27/2009	\$40.00
19A	106688	SubContract	9/27/2009	\$40.00
20A	106689	SubContract	9/27/2009	\$40.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS:

Reporting Method: ATL Application #61 NO2-Radiello 166

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY Continued

Client

Mr. Taeko Minegishi
Environmental Health &
Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Phone

800-825-5343

Fax

781-247-4305

Date Promised: 10/06/09 11:59 pm

Date Completed: 10/22/09

Date Received: 9/25/09

PO#: 16512

Project#: 16512

Sales Rep: TL

Total \$: \$ 6,100.00

Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
21A	106690	SubContract	9/27/2009	\$40.00
22A	106691	SubContract	9/27/2009	\$40.00
23A	106692	SubContract	NA	\$40.00
24A	106716	SubContract	9/27/2009	\$40.00
25A	106717	SubContract	9/27/2009	\$40.00
26A	106718	SubContract	9/27/2009	\$40.00
27A	106719	SubContract	9/27/2009	\$40.00
28A	106720	SubContract	9/27/2009	\$40.00
29A	106721	SubContract	NA	\$40.00
30A	106745	SubContract	9/22/2009	\$40.00
31A	106746	SubContract	9/22/2009	\$40.00
32A	106747	SubContract	9/22/2009	\$40.00
33A	106748	SubContract	9/22/2009	\$40.00
34A	106749	SubContract	9/22/2009	\$40.00
35A	106750	SubContract	NA	\$40.00
36A	106774	SubContract	9/22/2009	\$40.00
37A	106775	SubContract	9/22/2009	\$40.00
38A	106776	SubContract	9/22/2009	\$40.00
39A	106777	SubContract	9/22/2009	\$40.00
40A	106778	SubContract	9/22/2009	\$40.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS:

Reporting Method: ATL Application #61 NO2-Radiello 166

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY Continued

Client

Mr. Taeko Minegishi
Environmental Health &
Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Phone

800-825-5343

Fax

781-247-4305

Date Promised: 10/06/09 11:59 pm

Date Completed: 10/22/09

Date Received: 9/25/09

PO#: 16512

Project#: 16512

Sales Rep: TL

Total \$: \$ 6,100.00

Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
41A	106779	SubContract	NA	\$40.00
42A	106803	SubContract	9/23/2009	\$40.00
43A	106804	SubContract	9/23/2009	\$40.00
44A	106805	SubContract	9/23/2009	\$40.00
45A	106806	SubContract	9/23/2009	\$40.00
46A	106807	SubContract	9/23/2009	\$40.00
47A	106808	SubContract	NA	\$40.00
48A	106832	SubContract	9/23/2009	\$40.00
49A	106833	SubContract	9/23/2009	\$40.00
50A	106834	SubContract	9/23/2009	\$40.00
51A	106835	SubContract	9/23/2009	\$40.00
52A	106836	SubContract	9/23/2009	\$40.00
53A	106837	SubContract	NA	\$40.00
54A	106861	SubContract	9/23/2009	\$40.00
55A	106862	SubContract	9/23/2009	\$40.00
56A	106863	SubContract	9/23/2009	\$40.00
57A	106864	SubContract	9/23/2009	\$40.00
58A	106865	SubContract	9/23/2009	\$40.00
59A	106866	SubContract	NA	\$40.00
60A	106880	SubContract	NA	\$40.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS:

Reporting Method: ATL Application #61 NO2-Radiello 166

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY Continued

Client	Phone	Date Promised: 10/06/09 11:59 pm
Mr. Taeko Minegishi	800-825-5343	Date Completed: 10/22/09
Environmental Health & Engineering, Inc.	Fax	Date Received: 9/25/09
117 Fourth Avenue	781-247-4305	PO#: 16512
Needham, MA 02494		Project#: 16512
Sales Rep: TL		Total \$: \$ 6,100.00
		Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
61A	106884	SubContract	NA	\$40.00
Misc. Charges eCVP (61) @ \$5.00 each.				\$305.00
Subcontract (61) @ \$55.00 each.				\$3,355.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS:

Reporting Method: ATL Application #61 NO2-Radiello 166

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY

WORKORDER 0909552F

Client

Mr. Taeko Minegishi
Environmental Health &
Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Phone

800-825-5343

Fax

781-247-4305

Date Promised: 10/06/09 11:59 pm

Date Completed: 10/22/09

Date Received: 9/25/09

PO#: 16512

Project#: 16512

Sales Rep: TL

Total \$: \$ 0.00

Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
01A	103160	SubContract	9/21/2009	\$0.00
02A	103161	SubContract	9/21/2009	\$0.00
03A	103162	SubContract	9/21/2009	\$0.00
04A	103164	SubContract	9/21/2009	\$0.00
05A	103165	SubContract	NA	\$0.00
06A	103189	SubContract	9/21/2009	\$0.00
07A	103190	SubContract	9/21/2009	\$0.00
08A	103191	SubContract	9/21/2009	\$0.00
09A	103192	SubContract	9/21/2009	\$0.00
10A	103193	SubContract	9/21/2009	\$0.00
11A	103194	SubContract	NA	\$0.00
12A	106663	SubContract	9/21/2009	\$0.00
13A	106664	SubContract	9/21/2009	\$0.00
14A	106665	SubContract	9/21/2009	\$0.00
15A	106666	SubContract	9/21/2009	\$0.00
16A	106667	SubContract	9/21/2009	\$0.00
17A	106668	SubContract	NA	\$0.00
18A	106687	SubContract	9/21/2009	\$0.00
19A	106688	SubContract	9/21/2009	\$0.00
20A	106689	SubContract	9/21/2009	\$0.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS: NET 30

Reporting Method: Modified TO-11A Passive-Radiello 165 (Full list) (ug)

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY Continued

Client	Phone	Date Promised: 10/06/09 11:59 pm
Mr. Taeko Minegishi	800-825-5343	Date Completed: 10/22/09
Environmental Health & Engineering, Inc.	Fax	Date Received: 9/25/09
117 Fourth Avenue	781-247-4305	PO#: 16512
Needham, MA 02494		Project#: 16512
Sales Rep: TL		Total \$: \$ 0.00
		Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
21A	106690	SubContract	9/21/2009	\$0.00
22A	106691	SubContract	9/21/2009	\$0.00
23A	106692	SubContract	NA	\$0.00
24A	106716	SubContract	9/21/2009	\$0.00
25A	106717	SubContract	9/21/2009	\$0.00
26A	106718	SubContract	9/21/2009	\$0.00
27A	106719	SubContract	9/21/2009	\$0.00
28A	106720	SubContract	9/21/2009	\$0.00
29A	106721	SubContract	NA	\$0.00
30A	106745	SubContract	9/22/2009	\$0.00
31A	106746	SubContract	9/22/2009	\$0.00
32A	106747	SubContract	9/22/2009	\$0.00
33A	106748	SubContract	9/22/2009	\$0.00
34A	106749	SubContract	9/22/2009	\$0.00
35A	106750	SubContract	NA	\$0.00
36A	106774	SubContract	9/22/2009	\$0.00
37A	106775	SubContract	9/22/2009	\$0.00
38A	106776	SubContract	9/22/2009	\$0.00
39A	106777	SubContract	9/22/2009	\$0.00
40A	106778	SubContract	9/22/2009	\$0.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS: NET 30

Reporting Method: Modified TO-11A Passive-Radiello 165 (Full list) (ug)

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY Continued

Client	Phone	Date Promised: 10/06/09 11:59 pm
Mr. Taeko Minegishi	800-825-5343	Date Completed: 10/22/09
Environmental Health & Engineering, Inc.	Fax	Date Received: 9/25/09
117 Fourth Avenue	781-247-4305	PO#: 16512
Needham, MA 02494		Project#: 16512
Sales Rep: TL		Total \$: \$ 0.00
		Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
41A	106779	SubContract	NA	\$0.00
42A	106803	SubContract	9/23/2009	\$0.00
43A	106804	SubContract	9/23/2009	\$0.00
44A	106805	SubContract	9/23/2009	\$0.00
45A	106806	SubContract	9/23/2009	\$0.00
46A	106807	SubContract	9/23/2009	\$0.00
47A	106808	SubContract	NA	\$0.00
48A	106832	SubContract	9/23/2009	\$0.00
49A	106833	SubContract	9/23/2009	\$0.00
50A	106834	SubContract	9/23/2009	\$0.00
51A	106835	SubContract	9/23/2009	\$0.00
52A	106836	SubContract	9/23/2009	\$0.00
53A	106837	SubContract	NA	\$0.00
54A	106861	SubContract	9/23/2009	\$0.00
55A	106862	SubContract	9/23/2009	\$0.00
56A	106863	SubContract	9/23/2009	\$0.00
57A	106864	SubContract	9/23/2009	\$0.00
58A	106865	SubContract	9/23/2009	\$0.00
59A	106866	SubContract	NA	\$0.00
60A	106880	SubContract	NA	\$0.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS: NET 30

Reporting Method: Modified TO-11A Passive-Radiello 165 (Full list) (ug)

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

SAMPLE RECEIPT SUMMARY Continued

Client	Phone	Date Promised: 10/06/09 11:59 pm
Mr. Taeko Minegishi	800-825-5343	Date Completed: 10/22/09
Environmental Health &		Date Received: 9/25/09
Engineering, Inc.	Fax	PO#: 16512
117 Fourth Avenue	781-247-4305	Project#: 16512
Needham, MA 02494		Total \$: \$ 0.00
Sales Rep: TL		Logged By: MG

<u>Fraction</u>	<u>Sample #</u>	<u>Analysis</u>	<u>Collected</u>	<u>Amount\$</u>
61A	106884	SubContract	NA	\$0.00
62A	Method Blank 1	SubContract	NA	\$0.00
62B	Method Blank 2	SubContract	NA	\$0.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: CPSC Indoor Air Monitoring/13297

BILL TO: Accounts Payable
Environmental Health & Engineering, Inc.
117 Fourth Avenue
Needham, MA 02494

Analysis Code: SubContract

TERMS: NET 30

Reporting Method: Modified TO-11A Passive-Radiello 165 (Full list) (ug)

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

Other Records

Work Order #:

0909522

Mr. 10/21/09

Analysis/Reporting vs. Project Profile/SOP requirements checked (i.e. 100% Dups, J-Flag to MDL, etc)
The final report has the correct reporting list, special units, and header info.
Lab Narrative is correct (proper method & description/Receiving & Analytical notes correct)
Sample Discrepancy Report (SDR) is completed
Corrective Action issued - # _____
Unusual circumstances have been documented in the notes section below

CIRCLE (YES / NO)

Lab Blank, CCV, LCS and DUP met QC criteria
Hold time is met for all samples
Appropriate data qualifier flags are applied
Manual integrations for samples and QC are properly documented
Samples analyzed within the project or method specific clock
Retention times have been verified
Appropriate ICAL(s) included
At least one result per sample is verified against the target quant sheets/raw data

Dilution factor correctly calculated (sample load volume, syringe and bag dilutions, can pressurization(s))

Correct amount of sample analyzed (i.e. sample not over-diluted)

Spectra verified - documentation of spectral defense included (Section 5A of eCVP pkg)

TICs resemble reference spectra

TICs between duplicate samples are consistent

Checked samples for trends (i.e. Influent vs. Effluent, Field Dups, Field/Trip Blank, etc.)

Data for multiple analyses of sample(s) has been evaluated for comparability of results

Special units for all samples in the final report are correctly calculated

Manually entered results checked (i.e. TPH/NMOC)

Chain of Custody verified for any special comments (i.e. different compounds/RLs, action levels)

Chain of Custody scanned correctly

Verify sample id's vs. chain of custody

Date MDL(s) performed per instrument(s) NA

Samples pressurized w/ appropriate gas (N₂ or He) ☐ Other (i.e. Tedlar bag, cartridge, sorbent)

Final pressure consistent with canister size (6L vs. 1L)

Verify receipt pressures

Verify canister ID #'s

Final invoice amount correct (adjusted for TAT, Penalties, Re-issue Charges etc.)

MDL date(s) present for all instruments utilized

Client LUMEN report reviewed for accuracy and completeness

tes: (to include: noting samples with QA/QC problems, Blanks with positive hits, narratives, etc.)

3: Subcontracted data. Converted from Sulfate/sulfite to SO_2 in-house

Q:

A ₁ /A ₂ (Analytical Review/Date)	R/T (Reporting Review/Date)	M (Management Review/Date)	Q (QA Review/Date)
A ₁ :	R: <i>[Signature]</i> 12/21/09	M: <i>[Signature]</i> 10/22/09	
A ₂ :	T:		

Note (1): Please check all the appropriate boxes. Indicate "NA" for any statement that does not apply.
Note (2): Management reviewer and reporting reviewer must be separate individuals.

Rev. 02/20/09 0040

Laboratory Report

Air Toxics, Ltd

CPSC 16512

ARF 59916

APPL, Inc.

INORGANIC ANALYSIS

APPL, INC.

Data Validation Package for

INORGANIC ANALYSIS

TABLE OF CONTENTS

LABORATORY NAME: APPL, Inc.

Case Narrative	<u>4</u>
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Sample Data	<u>31</u>
Calibration Data	<u>221</u>
Raw Data	<u>352</u>



INORGANIC ANALYSIS

Case Narrative

APPL, INC.



EPA Method 300.0 Sulfate/Sulfide & Fluoride Case Narrative

ARF: 59916

Project: 16512

State Certification Number: CA1312 (DW & WW)

NELAP Certification number: 05233CA (HW)

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sample Receipt Information:

The sample group was received on October 2, 2009, at 3.0°C. The sample group was assigned Analytical Request Form (ARF) number 59916. The sample numbers and requested analyses were compared to the chains of custody. No exception was encountered.

Sample Table

CLIENT ID	APPL ID	Matrix	Date Sampled	Date Received
103160	AY04746	WATER	Not Stated	10/02/09
103161	AY04747	WATER	Not Stated	10/02/09
103162	AY04748	WATER	Not Stated	10/02/09
103164	AY04749	WATER	Not Stated	10/02/09
103165	AY04750	WATER	Not Stated	10/02/09
103189	AY04751	WATER	Not Stated	10/02/09
103190	AY04752	WATER	Not Stated	10/02/09
103191	AY04753	WATER	Not Stated	10/02/09
103192	AY04754	WATER	Not Stated	10/02/09
103193	AY04755	WATER	Not Stated	10/02/09
103194	AY04756	WATER	Not Stated	10/02/09
106663	AY04757	WATER	Not Stated	10/02/09
106664	AY04758	WATER	Not Stated	10/02/09
106665	AY04759	WATER	Not Stated	10/02/09
106666	AY04760	WATER	Not Stated	10/02/09
106667	AY04761	WATER	Not Stated	10/02/09
106668	AY04762	WATER	Not Stated	10/02/09
106687	AY04763	WATER	Not Stated	10/02/09
106688	AY04764	WATER	Not Stated	10/02/09
106689	AY04765	WATER	Not Stated	10/02/09
106690	AY04766	WATER	Not Stated	10/02/09
106691	AY04767	WATER	Not Stated	10/02/09
106692	AY04768	WATER	Not Stated	10/02/09

106716	AY04769	WATER	Not Stated	10/02/09
106717	AY04770	WATER	Not Stated	10/02/09
106718	AY04771	WATER	Not Stated	10/02/09
106719	AY04772	WATER	Not Stated	10/02/09
106720	AY04773	WATER	Not Stated	10/02/09
106721	AY04774	WATER	Not Stated	10/02/09
106745	AY04775	WATER	Not Stated	10/02/09
106746	AY04776	WATER	Not Stated	10/02/09
106747	AY04777	WATER	Not Stated	10/02/09
106748	AY04778	WATER	Not Stated	10/02/09
106749	AY04779	WATER	Not Stated	10/02/09
106750	AY04780	WATER	Not Stated	10/02/09
106774	AY04781	WATER	Not Stated	10/02/09
106775	AY04782	WATER	Not Stated	10/02/09
106776	AY04783	WATER	Not Stated	10/02/09
106777	AY04784	WATER	Not Stated	10/02/09
106778	AY04785	WATER	Not Stated	10/02/09
106779	AY04786	WATER	Not Stated	10/02/09
106803	AY04787	WATER	Not Stated	10/02/09
106804	AY04788	WATER	Not Stated	10/02/09
106805	AY04789	WATER	Not Stated	10/02/09
106806	AY04790	WATER	Not Stated	10/02/09
106807	AY04791	WATER	Not Stated	10/02/09
106808	AY04792	WATER	Not Stated	10/02/09
106832	AY04793	WATER	Not Stated	10/02/09
106833	AY04794	WATER	Not Stated	10/02/09
106834	AY04795	WATER	Not Stated	10/02/09
106835	AY04796	WATER	Not Stated	10/02/09
106836	AY04797	WATER	Not Stated	10/02/09
106837	AY04798	WATER	Not Stated	10/02/09
106861	AY04799	WATER	Not Stated	10/02/09
106862	AY04800	WATER	Not Stated	10/02/09
106863	AY04801	WATER	Not Stated	10/02/09
106864	AY04802	WATER	Not Stated	10/02/09
106865	AY04803	WATER	Not Stated	10/02/09
106866	AY04804	WATER	Not Stated	10/02/09
106880	AY04805	WATER	Not Stated	10/02/09
106884	AY04806	WATER	Not Stated	10/02/09
METHOD BLANK 1	AY04807	WATER	Not Stated	10/02/09
METHOD BLANK 2	AY04808	WATER	Not Stated	10/02/09

All samples were screened for responses down to the MDL.

Sample Preparation Information:

The samples were received as extracts.

Analysis Information:**Samples:**

The samples were analyzed according to EPA method 300.0 using a Dionex DX500 ion chromatograph. All holding times were met.

Calibrations:

Calibrations were performed according to the method for the initial calibration and the initial calibration verification. The initial calibration verification is prepared from a second source standard.

Blanks:

No target analyte was detected above the reporting limits in the method blanks.

Spikes:

Laboratory Control Spikes (LCS) were used for quality assurance. All recoveries were within acceptance limits.

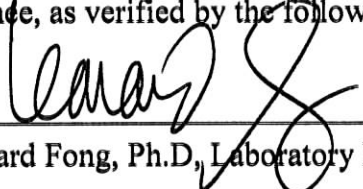
No sample was designated for MS/MSD analysis.

Summary:

No analytical exception is noted.

CERTIFICATION

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Leonard Fong, Ph.D., Laboratory Director / Date 10/15/09

INORGANIC ANALYSIS
Chain of Custody and ARF

APPL, INC.

Client: Air Toxics Ltd.
Address: 180 Blue Ravine Rd.
Folsom, CA 95630
Attn: Ausha Scott
Phone: 916-605-3344 Fax: 916-985-1020
Job: CPSC 16512
PO #: 0909552E
Chain of Custody (Y/N): Y #
RAD Screen (Y/N): Y pH (Y/N): N
Turn Around Type: 2 WEEKS

Received by: TBV
Date Received: 10/02/09 Time: 10:00
Delivered by: FED EX
Shuttle Custody Seals (Y/N): N
Chest Temp(s): 3.0°C
Color: C-BROWN
Samples Chilled until Placed in Refrig/Freezer: Y
Project Manager: Diane Anderson TA
QC Report Type: DVP4-E/CA
Due Date: 10/16/09

Comments:

Full data package and ATL EDD format

Sulfite/Sulfate 5mg/L

Fluoride 1mg/L

W

Sample Distribution:

Wetlab: 63-\$300WSO3(F,SO4)

Charges:**Invoice To:**

Client ID	APPL ID	Sampled	Analyses Requested
1. 103160	AY04746W 	NA 00:00	\$300WSO3(F,SO4)
2. 103161	AY04747W 	NA 00:00	\$300WSO3(F,SO4)
3. 103162	AY04748W 	NA 00:00	\$300WSO3(F,SO4)
4. 103164	AY04749W 	NA 00:00	\$300WSO3(F,SO4)
5. 103165	AY04750W 	NA 00:00	\$300WSO3(F,SO4)
6. 103189	AY04751W 	NA 00:00	\$300WSO3(F,SO4)
7. 103190	AY04752W 	NA 00:00	\$300WSO3(F,SO4)

APPL - Analysis Request Form

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8. 103191	AY04753W	NA 00:00	\$300WSO3(F,SO4)
9. 103192	AY04754W	NA 00:00	\$300WSO3(F,SO4)
10. 103193	AY04755W	NA 00:00	\$300WSO3(F,SO4)
11. 103194	AY04756W	NA 00:00	\$300WSO3(F,SO4)
12. 106663	AY04757W	NA 00:00	\$300WSO3(F,SO4)
13. 106664	AY04758W	NA 00:00	\$300WSO3(F,SO4)
14. 106665	AY04759W	NA 00:00	\$300WSO3(F,SO4)
15. 106666	AY04760W	NA 00:00	\$300WSO3(F,SO4)
16. 106667	AY04761W	NA 00:00	\$300WSO3(F,SO4)
17. 106668	AY04762W	NA 00:00	\$300WSO3(F,SO4)
18. 106687	AY04763W	NA 00:00	\$300WSO3(F,SO4)
19. 106688	AY04764W	NA 00:00	\$300WSO3(F,SO4)
20. 106689	AY04765W	NA 00:00	\$300WSO3(F,SO4)
21. 106690	AY04766W	NA 00:00	\$300WSO3(F,SO4)
22. 106691	AY04767W	NA 00:00	\$300WSO3(F,SO4)
23. 106692	AY04768W	NA 00:00	\$300WSO3(F,SO4)
24. 106716	AY04769W	NA 00:00	\$300WSO3(F,SO4)
25. 106717	AY04770W	NA 00:00	\$300WSO3(F,SO4)
26. 106718	AY04771W	NA 00:00	\$300WSO3(F,SO4)
27. 106719	AY04772W	NA 00:00	\$300WSO3(F,SO4)
28. 106720	AY04773W	NA 00:00	\$300WSO3(F,SO4)
29. 106721	AY04774W	NA 00:00	\$300WSO3(F,SO4)
30. 106745	AY04775W	NA 00:00	\$300WSO3(F,SO4)
31. 106746	AY04776W	NA 00:00	\$300WSO3(F,SO4)
32. 106747	AY04777W	NA 00:00	\$300WSO3(F,SO4)
33. 106748	AY04778W	NA 00:00	\$300WSO3(F,SO4)

APPL - Analysis Request Form

59916

34. 106749	AY04779W 	NA 00:00	\$300WSO3(F,SO4)
35. 106750	AY04780W 	NA 00:00	\$300WSO3(F,SO4)
36. 106774	AY04781W 	NA 00:00	\$300WSO3(F,SO4)
37. 106775	AY04782W 	NA 00:00	\$300WSO3(F,SO4)
38. 106776	AY04783W 	NA 00:00	\$300WSO3(F,SO4)
39. 106777	AY04784W 	NA 00:00	\$300WSO3(F,SO4)
40. 106778	AY04785W 	NA 00:00	\$300WSO3(F,SO4)
41. 106779	AY04786W 	NA 00:00	\$300WSO3(F,SO4)
42. 106803	AY04787W 	NA 00:00	\$300WSO3(F,SO4)
43. 106804	AY04788W 	NA 00:00	\$300WSO3(F,SO4)
44. 106805	AY04789W 	NA 00:00	\$300WSO3(F,SO4)
45. 106806	AY04790W 	NA 00:00	\$300WSO3(F,SO4)
46. 106807	AY04791W 	NA 00:00	\$300WSO3(F,SO4)
47. 106808	AY04792W 	NA 00:00	\$300WSO3(F,SO4)
48. 106832	AY04793W 	NA 00:00	\$300WSO3(F,SO4)
49. 106833	AY04794W 	NA 00:00	\$300WSO3(F,SO4)
50. 106834	AY04795W 	NA 00:00	\$300WSO3(F,SO4)
51. 106835	AY04796W 	NA 00:00	\$300WSO3(F,SO4)
52. 106836	AY04797W 	NA 00:00	\$300WSO3(F,SO4)
53. 106837	AY04798W 	NA 00:00	\$300WSO3(F,SO4)
54. 106861	AY04799W 	NA 00:00	\$300WSO3(F,SO4)
55. 106862	AY04800W 	NA 00:00	\$300WSO3(F,SO4)
56. 106863	AY04801W 	NA 00:00	\$300WSO3(F,SO4)
57. 106864	AY04802W 	NA 00:00	\$300WSO3(F,SO4)
58. 106865	AY04803W 	NA 00:00	\$300WSO3(F,SO4)
59. 106866	AY04804W 	NA 00:00	\$300WSO3(F,SO4)

APPL - Analysis Request Form**59916**

60. 106880	AY04805W 	NA 00:00 \$300WSO3(F,SO4)
61. 106884	AY04806W 	NA 00:00 \$300WSO3(F,SO4)
62. METHOD BLANK 1	AY04807W 	NA 00:00 \$300WSO3(F,SO4)
63. METHOD BLANK 2	AY04808W 	NA 00:00 \$300WSO3(F,SO4)

Sample	Container Type	Count	pH
AY04746	26 Other	1	NA
AY04747	26 Other	1	NA
AY04748	26 Other	1	NA
AY04749	26 Other	1	NA
AY04750	26 Other	1	NA
AY04751	26 Other	1	NA
AY04752	26 Other	1	NA
AY04753	26 Other	1	NA
AY04754	26 Other	1	NA
AY04755	26 Other	1	NA
AY04756	26 Other	1	NA
AY04757	26 Other	1	NA
AY04758	26 Other	1	NA
AY04759	26 Other	1	NA
AY04760	26 Other	1	NA
AY04761	26 Other	1	NA
AY04762	26 Other	1	NA
AY04763	26 Other	1	NA
AY04764	26 Other	1	NA
AY04765	26 Other	1	NA
AY04766	26 Other	1	NA
AY04767	26 Other	1	NA
AY04768	26 Other	1	NA
AY04769	26 Other	1	NA
AY04770	26 Other	1	NA
AY04771	26 Other	1	NA
AY04772	26 Other	1	NA
AY04773	26 Other	1	NA
AY04774	26 Other	1	NA
AY04775	26 Other	1	NA
AY04776	26 Other	1	NA
AY04777	26 Other	1	NA
AY04778	26 Other	1	NA
AY04779	26 Other	1	NA
AY04780	26 Other	1	NA
AY04781	26 Other	1	NA
AY04782	26 Other	1	NA
AY04783	26 Other	1	NA
AY04784	26 Other	1	NA
AY04785	26 Other	1	NA
AY04786	26 Other	1	NA
AY04787	26 Other	1	NA
AY04788	26 Other	1	NA
AY04789	26 Other	1	NA
AY04790	26 Other	1	NA

Sample	Container Type	Count	pH
AY04791	26 Other	1	NA
AY04792	26 Other	1	NA
AY04793	26 Other	1	NA
AY04794	26 Other	1	NA
AY04795	26 Other	1	NA
AY04796	26 Other	1	NA
AY04797	26 Other	1	NA
AY04798	26 Other	1	NA
AY04799	26 Other	1	NA
AY04800	26 Other	1	NA
AY04801	26 Other	1	NA
AY04802	26 Other	1	NA
AY04803	26 Other	1	NA
AY04804	26 Other	1	NA
AY04805	26 Other	1	NA
AY04806	26 Other	1	NA
AY04807	26 Other	1	NA
AY04808	26 Other	1	NA



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AIR TOXICS LTD.
180 BLUE RAVINE RD, SUITE B
FOLSOM, CA 95630-1020
916-985-1000 main line
916-985-1020 fax line

17

Project Manager: Ausha Scott Company: Air Toxics Ltd. Address: 180 Blue Ravine Rd State: CA Zip: 95630 Phone: 916-605-3344 FAX: 916-985-1020					City: Folsom			Project Information: P.O. # 0909552E Project # 16512 Project Name CPSC			Turn Around Time: ☒ Normal ☐ Rush Specify		Reporting Units: ☐ ppmv ☐ ppbv ☐ ug/m3 ☐ mg/m3		
Collected By (print and sign):															
Lab I.D.	Field Sample I.D.	Tube/ Cartridge	Date of Collection	Start Time	End Time	Duration	Final Volume	Analysis Requested							
103160								Sulfite, Sulfate and Fluoride by Method 300							
103161															
103162															
103164															
103165															
103189															
103190															
103191															
103192															
103193															
Relinquished By: (Signature) Date/Time <i>Ausha Scott 09/16/09 1200</i>								Received By: (Signature) Date/Time				Pump Calibration Information		Notes:	
Relinquished By: (Signature) Date/Time								Received By: (Signature) Date/Time				Pre-test Flow Rate:		Picked full validation package	
Relinquished By: (Signature) Date/Time								Received By: (Signature) Date/Time				Post-test Flow Rate:			
Relinquished By: (Signature) Date/Time								Received By: (Signature) Date/Time				Average Flow Rate:			



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2 7

Project Manager: Ausha Scott Company: Air Toxics Ltd. Address: 180 Blue Ravine Rd State: CA Zip: 95630 Phone: 916-605-3344 FAX: 916-985-1020 City: Folsom					Project Information: P.O. # 0909552E Project # 16512 Project Name CPSC			Turn Around Time: ☒ Normal ☐ Rush Specify		Reporting Units: ☐ ppmv ☐ ppbv ☐ ug/m3 ☐ mg/m3	
Collected By (print and sign):											
Lab I.D.	Field Sample I.D.	Tube/ Cartridge	Date of Collection	Start Time	End Time	Duration	Final Volume	Analysis Requested			
	103194							Sulfite, Sulfate and Fluoride by Method 300			
	106663										
	106664										
	106665										
	106666										
	106667										
	106668										
	106687										
	106688										
	106689										
Relinquished By (Signature) Date/Time HSC 10/10/09 1200		Received By (Signature) Date/Time Received By: (Signature) Date/Time		Pump Calibration Information Pre-test Flow Rate: Post-test Flow Rate: Average Flow Rate:			Notes:				
Relinquished By (Signature) Date/Time Received By: (Signature) Date/Time		Received By: (Signature) Date/Time		Received By: (Signature) Date/Time			Received By: (Signature) Date/Time				



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3 7

Project Manager: Ausha Scott Company: Air Toxics Ltd. Address: 180 Blue Ravine Rd State: CA Zip: 95630 Phone: 916-605-3344 FAX: 916-985-1020 City: Folsom				Project Information: P.O. # 0909552E Project # 16512 Project Name CPSC				Turn Around Time: ☒ Normal ☐ Rush Specify		Reporting Units: ☐ ppmv ☐ ppbv ☐ ug/m3 ☐ mg/m3	
Collected By (print and sign):											
Lab I.D.	Field Sample I.D.	Tube/ Cartridge	Date of Collection	Start Time	End Time	Duration	Final Volume	Analysis Requested			
106690								Sulfite, Sulfate and Fluoride by Method 300			
106691											
106692											
106716											
106717											
106718											
106719											
106720											
106721											
106745											
Relinquished By: (Signature) Date/Time A Scott 10/1/09 0600		Received By: (Signature) Date/Time		Pump Calibration Information Pre-test Flow Rate: Post-test Flow Rate: Average Flow Rate:			Notes:				
Relinquished By: (Signature) Date/Time		Received By: (Signature) Date/Time									
Relinquished By: (Signature) Date/Time		Received By: (Signature) Date/Time									



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4 7

Project Manager: Ausha Scott Company: Air Toxics Ltd. Address: 180 Blue Ravine Rd State: CA Zip: 95630 Phone: 916-605-3344 FAX: 916-985-1020 City: Folsom					Project Information: P.O. # 0909552E Project # 16512 Project Name CPSC			Turn Around Time: ☒ Normal ☐ Rush Specify		Reporting Units: ☐ ppmv ☐ ppbv ☐ ug/m3 ☐ mg/m3	
Collected By (print and sign):											
Lab I.D.	Field Sample I.D.	Tube/ Cartridge	Date of Collection	Start Time	End Time	Duration	Final Volume	Analysis Requested			
106746								Sulfite, Sulfate and Fluoride by			
106747								Method 300			
106748											
106749											
106750											
106774											
106775											
106776											
106777											
106778											
Relinquished By: (Signature) Date/Time [Signature] 10/11/09 1200		Received By: (Signature) Date/Time [Signature] 12-2-09 1800		Pump Calibration Information Pre-test Flow Rate: Post-test Flow Rate: Average Flow Rate:			Notes:				

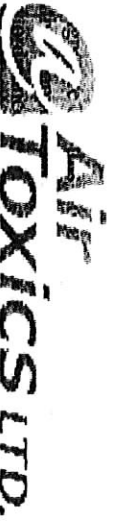


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57

Project Manager: Ausha Scott Company: Air Toxics Ltd. Address: 180 Blue Ravine Rd State: CA Zip: 95630 Phone: 916-605-3344 City: Folsom FAX: 916-985-1020					Project Information: P.O. # 0909552E Project # 16512 Project Name CPSC			Turn Around Time: ☒ Normal ☐ Rush Specify		Reporting Units: ☐ ppmv ☐ ppbv ☐ ug/m3 ☐ mg/m3	
Collected By (print and sign):											
Lab I.D.	Field Sample I.D.	Tube/Cartridge	Date of Collection	Start Time	End Time	Duration	Final Volume	Analysis Requested			
106779								Sulfite, Sulfate and Fluoride by Method 300			
106803											
106804											
106805											
106806											
106807											
106808											
106832											
106833											
106834											
Relinquished By: (Signature) Date/Time <i>A. Scott 10/16/99</i>		Received By: (Signature) Date/Time		Pump Calibration Information Pre-test Flow Rate:		Notes:					
Relinquished By: (Signature) Date/Time		Received By: (Signature) Date/Time		Post-test Flow Rate:							
Relinquished By: (Signature) Date/Time <i>[Signature]</i>		Received By: (Signature) Date/Time <i>10-2-01 10:00</i>		Average Flow Rate:							

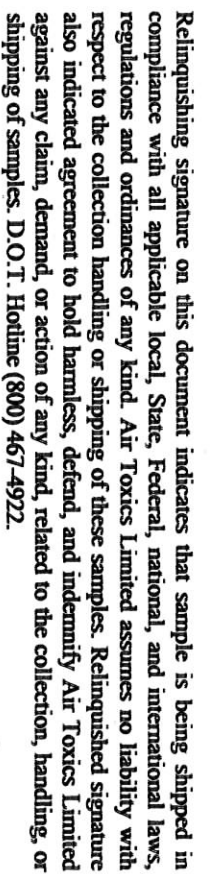


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916-985-1020 fax line

6 7

Project Manager: Ausha Scott Company: Air Toxics Ltd. Address: 180 Blue Ravine Rd State: CA Zip: 95630 Phone: 916-605-3344 City: Folsom FAX: 916-985-1020					Project Information: P.O. # 0909552E Project # 16512 Project Name CPSC			Turn Around Time: ☒ Normal ☐ Rush Specify		Reporting Units: ☐ ppmv ☐ ppbv ☐ ug/m3 ☐ mg/m3	
Collected By (print and sign):											
Lab I.D.	Field Sample I.D.	Tube/ Cartridge	Date of Collection	Start Time	End Time	Duration	Final Volume	Analysis Requested			
106835								Sulfite, Sulfate and Fluoride by			
106836								Method 300			
106837											
106861											
106862											
106863											
106864											
106865											
106866											
106880											
Relinquished By: (Signature) Date/Time		Received By: (Signature) Date/Time		Pump Calibration Information		Notes:					
Ausha Scott 10/16/09		Received By: (Signature) Date/Time		Pre-test Flow Rate:							
Relinquished By: (Signature) Date/Time		Received By: (Signature) Date/Time		Post-test Flow Rate:							
Relinquished By: (Signature) Date/Time		Received By: (Signature) Date/Time		Average Flow Rate:							
		Received By: (Signature) Date/Time									



22

□ mg/m³

Notes:

Average Flow Rate:

Relinquished By: (Signature) Date/Time

Received By: (Signature) Date/Time

Notes:

10000.

10

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COOLER RECEIPT FORM

- 1) Project: CPSC 16512 Date Received: 10/2/09
- 2) Coolers: Number of Coolers: 1
- 3) ☒ YES ☐ NO Were coolers and samples screened for radioactivity?
- 4) ☒ YES ☐ NO Were custody seals on outside of cooler? How many? Date on seal?
- 5) Name on seal?
- 6) ☒ YES ☐ NO ☐ NA Were custody seals unbroken and intact at the time of arrival?
- 7) ☒ YES ☐ NO Did the cooler come with a shipping slip (air bill, etc.)? Carrier name: Fed Ex
- 8) Shipping slip numbers: 1) 4080 5621 4774 2) 3)
- 9) ☒ YES ☐ NO ☐ NA Was the shipping slip scanned into the database?
- 10) ☒ YES ☐ NO ☐ NA If cooler belongs to APPL, has it been logged into the ice chest database?
- 11) Describe type of packing in cooler (bubble wrap, popcorn, type of ice, etc.): Plastic container with
ice, wet ice

- 12) ☒ YES ☐ NO ☐ NA For hand delivered samples was sufficient ice present to start the cooling process?
- 13) ☒ YES ☐ NO Was a temperature blank included in the cooler?
- 14) Serial number of certified NIST thermometer used: J5297 Correction factor: 0
- 15) Cooler temp(s): 1) 3.0 °C 2) 3) 4) 5) 6) 7) 8)

Chain of custody:

- 16) ☒ YES ☐ NO Was a chain of custody received?
- 17) ☒ YES ☐ NO Were the custody papers signed in the appropriate places?
- 18) ☒ YES ☐ NO Was the project identifiable from custody papers?
- 19) ☒ YES ☐ NO Did the chain of custody include date and time of sampling?
- 20) ☒ YES ☐ NO Is location where sample was taken listed on the chain of custody?

Sample Labels:

- 21) ☒ YES ☐ NO Were container labels in good condition?
- 22) ☒ YES ☐ NO Was the client ID on the label?
- 23) ☒ YES ☐ NO Was the date of sampling on the label?
- 24) ☒ YES ☐ NO Was the time of sampling on the label?
- 25) ☒ YES ☐ NO Did all container labels agree with custody papers?

Sample Containers:

- 26) ☒ YES ☐ NO Were all containers sealed in separate bags?
- 27) ☒ YES ☐ NO Did all containers arrive unbroken?
- 28) ☒ YES ☐ NO Was there any leakage from samples?
- 29) ☒ YES ☐ NO Were any of the lids cracked or broken?
- 30) ☒ YES ☐ NO Were correct containers used for the tests indicated?
- 31) ☒ YES ☐ NO Was a sufficient amount of sample sent for tests indicated?
- 32) ☒ YES ☐ NO ☐ NA Were bubbles present in volatile samples? If yes, the following were received with air bubbles:

Larger than a pea: Smaller than a pea:

Preservation & Hold time:

- 33) ☒ YES ☐ NO ☐ NA Was a sufficient amount of holding time remaining to analyze the samples?
- 34) ☒ YES ☐ NO ☐ NA Do the sample containers contain the same preservative as what is stated on the COC?
- 35) ☒ YES ☐ NO ☐ NA Was the pH taken of all non-VOA preserved samples and written on the sample container?
- 36) ☒ YES ☐ NO ☐ NA Was the pH of acid preserved non-VOA samples < 2 & sodium hydroxide preserved samples > 10?
- Lab notified if pH was not adequate:

Deficiencies:

Signature of personnel receiving samples: Second reviewer:

Signature of project manager notified: Date and Time of notification:

Name of client notified: Date and Time of notification:

Information given to client: by whom (Initials):

INORGANIC ANALYSIS

QC Summary

APPL, INC.

WETLAB BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	Units	Prep Date	Anal Date	QC Group
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/02/09	10/02/09	\$300WS-091002A-AY0474
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/02/09	10/02/09	\$300WS-091002A-AY0474
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09	\$300WS-091005A-AY0474
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09	\$300WS-091005A-AY0474
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09	\$300WS-091006A-AY0475
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09	\$300WS-091006A-AY0475
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09	\$300WS-091007A-AY0476
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09	\$300WS-091007A-AY0476
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09	\$300WS-091008A-AY0477
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09	\$300WS-091008A-AY0477
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09	\$300WS-091008A1-AY047
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09	\$300WS-091008A1-AY047
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/12/09	10/12/09	\$300WS-091012A-AY0480
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/12/09	10/12/09	\$300WS-091012A-AY0480

Printed: 10/14/09 10:14:23 AM

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.91	98.2	90-110	10/02/09	10/02/09	\$300WS-091002A-AY04746
EPA 300.0	Sulfate/Sulfite total	50.0	47.2	94.4	90-110	10/02/09	10/02/09	\$300WS-091002A-AY04746

Comments:

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.79	95.8	90-110	10/05/09	10/05/09	\$300WS-091005A-AY04748
EPA 300.0	Sulfate/Sulfite total	50.0	46.8	93.6	90-110	10/05/09	10/05/09	\$300WS-091005A-AY04748

Comments:

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	5.02	100	90-110	10/06/09	10/06/09	\$300WS-091006A-AY04754
EPA 300.0	Sulfate/Sulfite total	50.0	51.8	104	90-110	10/06/09	10/06/09	\$300WS-091006A-AY04754

Comments:

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.98	99.6	90-110	10/07/09	10/07/09	\$300WS-091007A-AY04764
EPA 300.0	Sulfate/Sulfite total	50.0	49.9	99.8	90-110	10/07/09	10/07/09	\$300WS-091007A-AY04764

Comments:

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.75	95.0	90-110	10/08/09	10/08/09	\$300WS-091008A-AY04774
EPA 300.0	Sulfate/Sulfite total	50.0	46.2	92.4	90-110	10/08/09	10/08/09	\$300WS-091008A-AY04774

Comments:

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.70	94.0	90-110	10/09/09	10/09/09	\$300WS-091008A1-AY04793
EPA 300.0	Sulfate/Sulfite total	50.0	46.0	92.0	90-110	10/09/09	10/09/09	\$300WS-091008A1-AY04793

Comments:

Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.84	96.8	90-110	10/12/09	10/12/09	\$300WS-091012A-AY04807
EPA 300.0	Sulfate/Sulfite total	50.0	49.1	98.2	90-110	10/12/09	10/12/09	\$300WS-091012A-AY04807

Comments:

INORGANIC ANALYSIS

Sample Data

Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103160

Sample Collection Date: No Date Specified

APPL ID: AY04746

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/02/09	10/02/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/02/09	10/02/09

Sample Analysis Report

Sample Name : AY04746W01 1/5

Data File Name : i:\dionex\d1anions\data\091002a\091002a_021.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 13:52:16

System Operator : pd

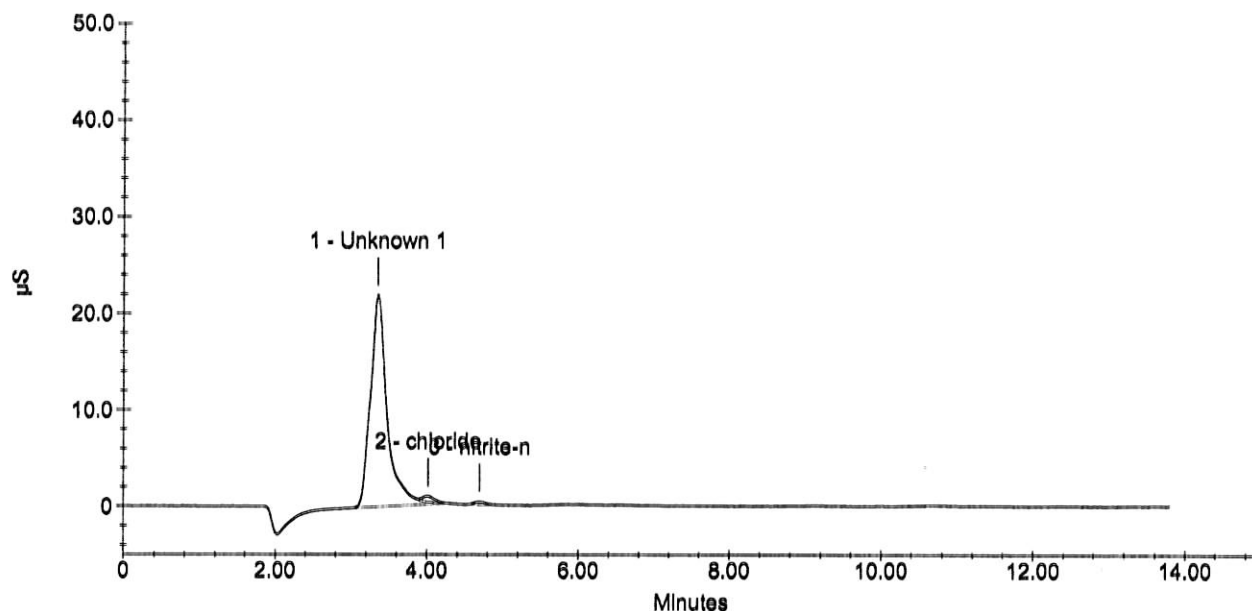
Injection Number : 21

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3317816	218291	
2	4.01	chloride	5.3280	65307	6112	
3	4.69	nitrite-n	0.3750	26610	2696	

AY04746W01 1/5



Sample Analysis Report

Sample Name : AY04746W01 1/5

Data File Name : i:\dionex\dlanions\data\091002a\091002a_021.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/2/09 13:52:16

System Operator : pd

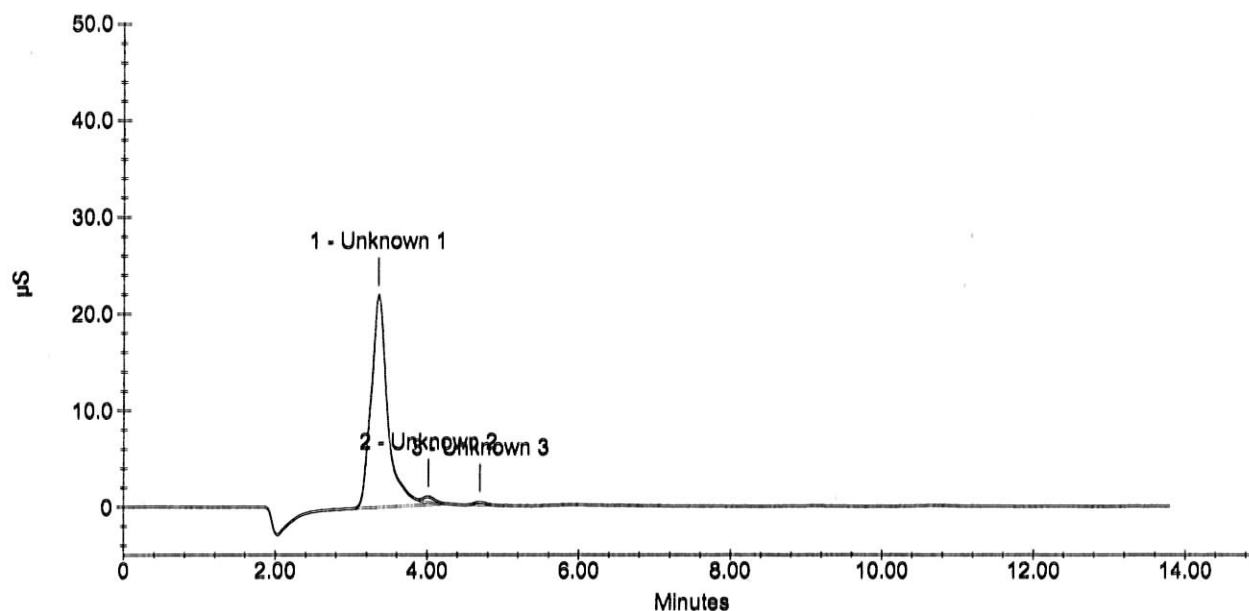
Injection Number : 21

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3317816	218291	
2	4.01	Unknown 2	0.0000	65307	6112	
3	4.69	Unknown 3	0.0000	26610	2696	

AY04746W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103161

Sample Collection Date: No Date Specified

APPL ID: AY04747

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/02/09	10/02/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/02/09	10/02/09

Sample Analysis Report

Sample Name : AY04747W01 1/5

Data File Name : i:\dionex\dlanions\data\091002a\091002a_022.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 14:08:42

System Operator : pd

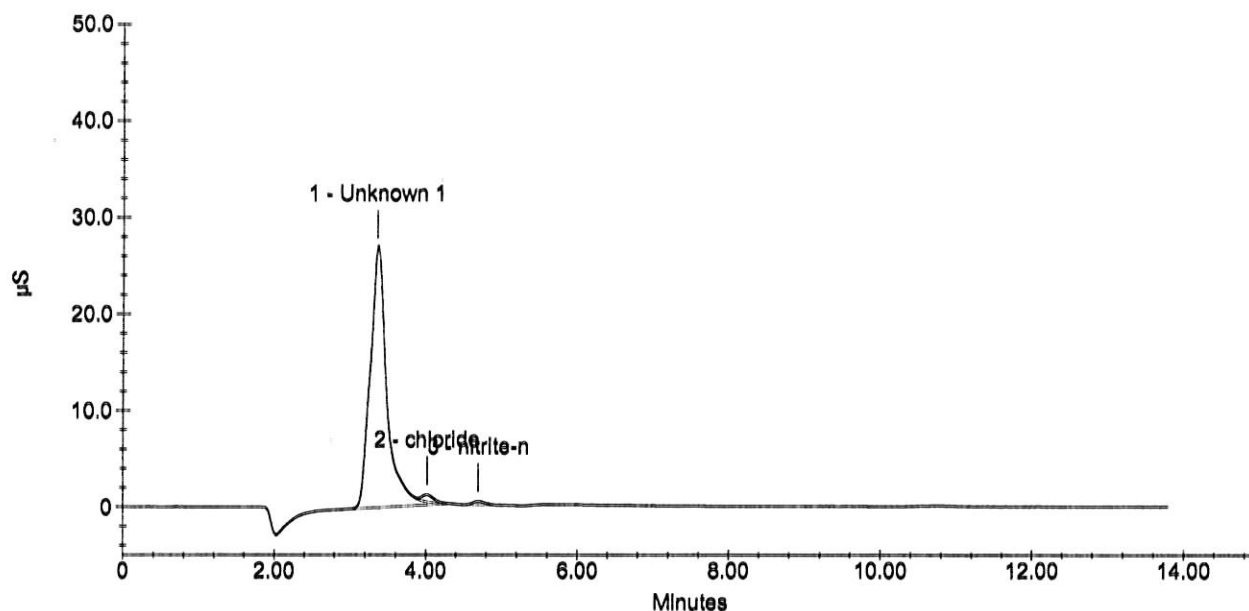
Injection Number : 22

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	4114612	267883	
2	4.01	chloride	5.4438	84002	7564	
3	4.69	nitrite-n	0.4030	34638	3255	

AY04747W01 1/5



Sample Analysis Report

Sample Name : AY04747W01 1/5

Data File Name : i:\dionex\d1anions\data\091002a\091002a_022.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/2/09 14:08:42

System Operator : pd

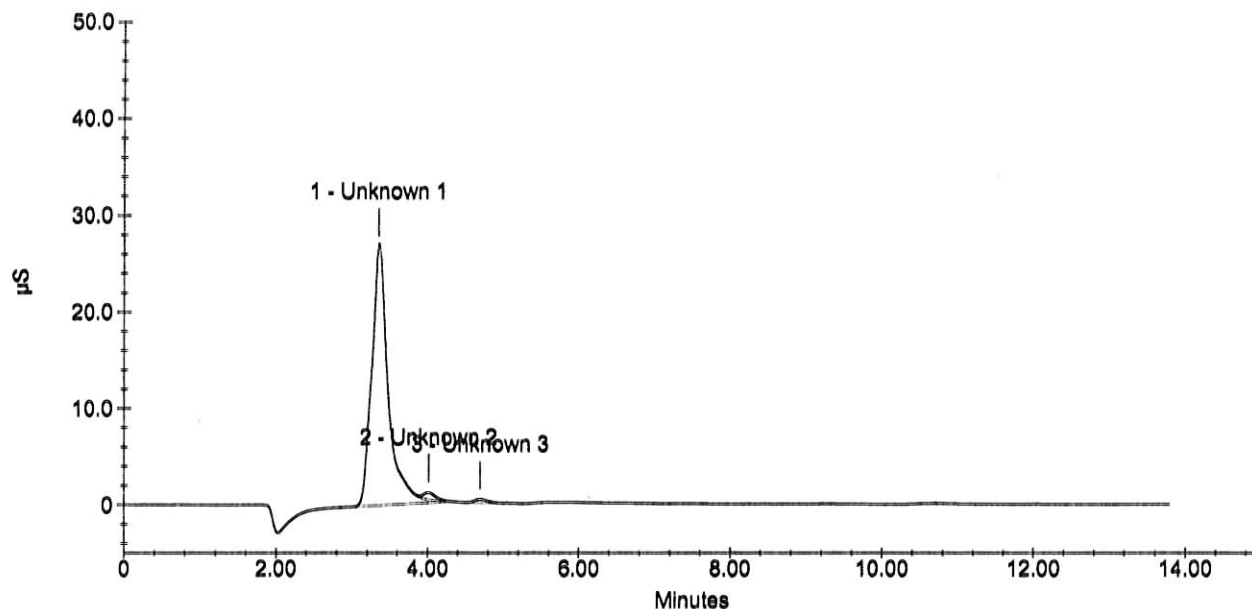
Injection Number : 22

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	4114612	267883	
2	4.01	Unknown 2	0.0000	84002	7564	
3	4.69	Unknown 3	0.0000	34638	3255	

AY04747W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103162

Sample Collection Date: No Date Specified

APPL ID: AY04748

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09

Sample Analysis Report

Sample Name : AY04748W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_021.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/5/09 14:34:51

System Operator : pd

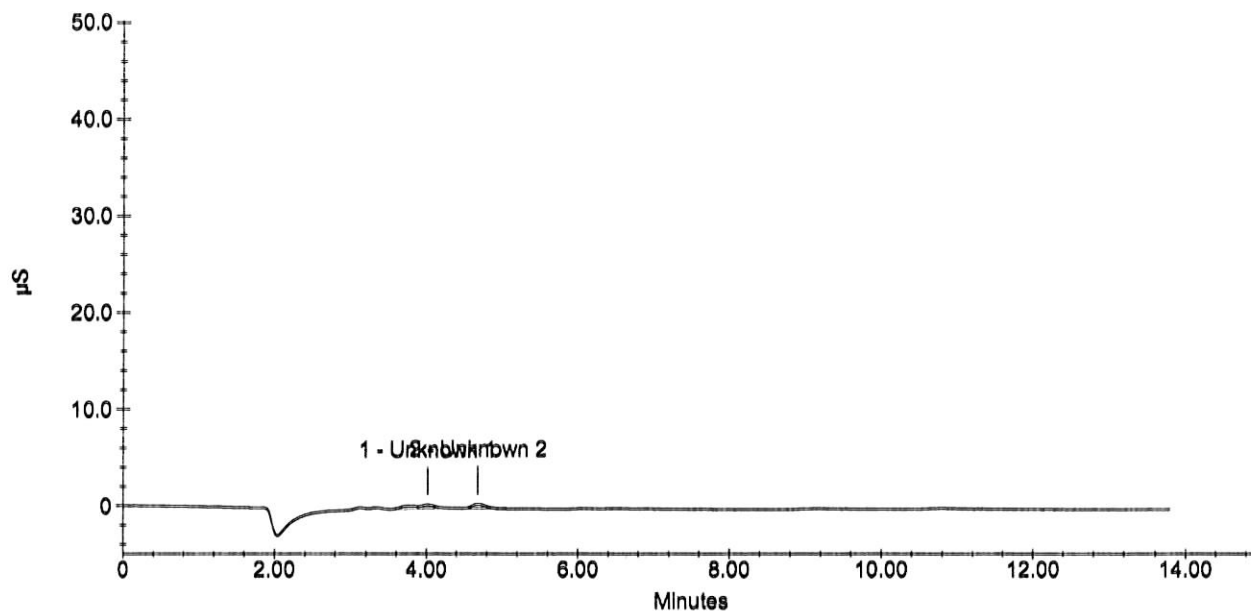
Injection Number : 21

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.01	Unknown 1	0.0000	67043	3081	
2	4.68	Unknown 2	0.0000	45203	4061	

AY04748W01 1/5



Sample Analysis Report

Sample Name : AY04748W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_021.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 14:34:51

System Operator : pd

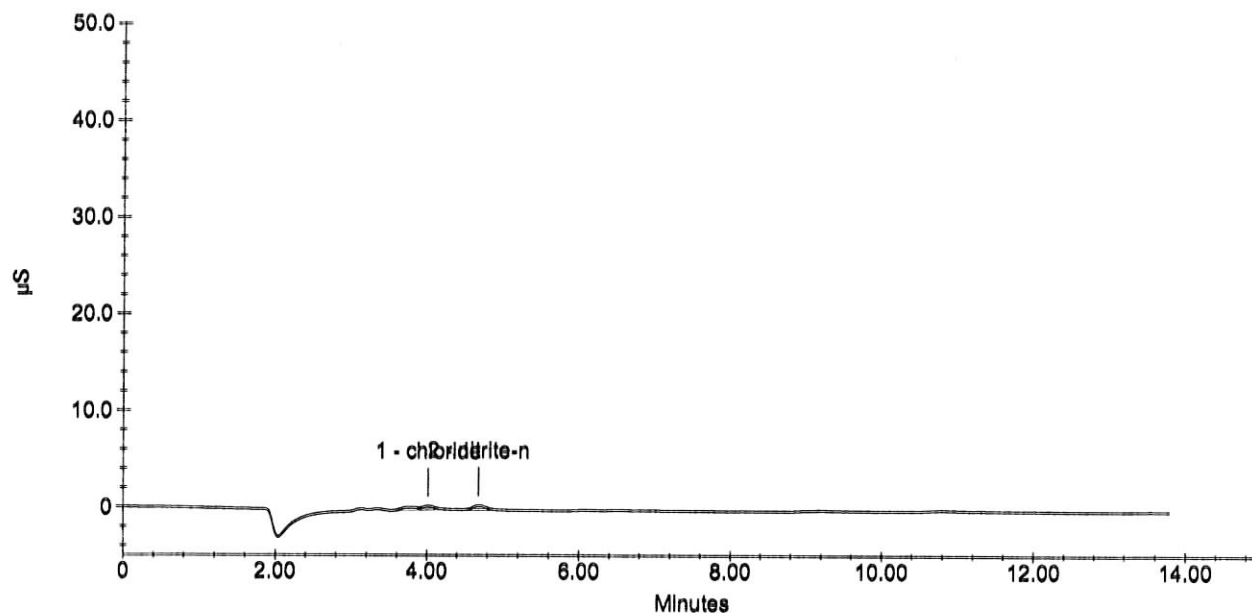
Injection Number : 21

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.01	chloride	5.3387	67043	3081	
2	4.68	nitrite-n	0.4398	45203	4061	

AY04748W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103164

Sample Collection Date: No Date Specified

APPL ID: AY04749

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09

Sample Analysis Report

Sample Name : AY04749W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_022.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/5/09 14:51:19

System Operator : pd

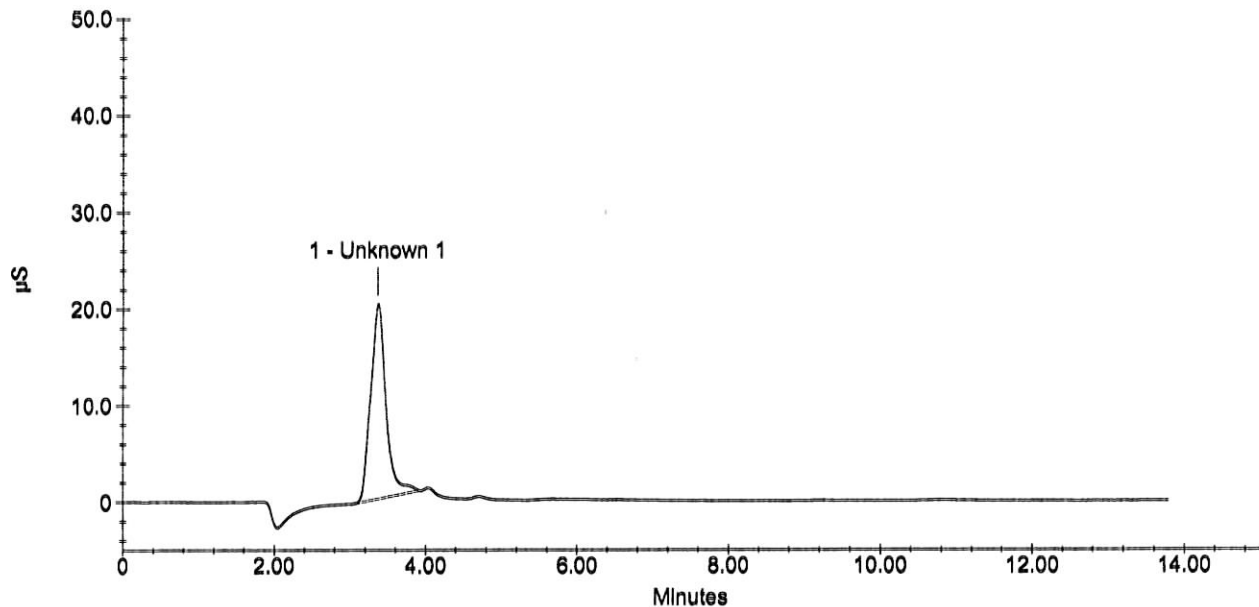
Injection Number : 22

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.36	Unknown 1	0.0000	2845309	200275	

AY04749W01 1/5



Sample Analysis Report

Sample Name : AY04749W01 1/5

Data File Name : i:\dionex\dlanions\data\091005a\091005a_022.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 14:51:19

System Operator : pd

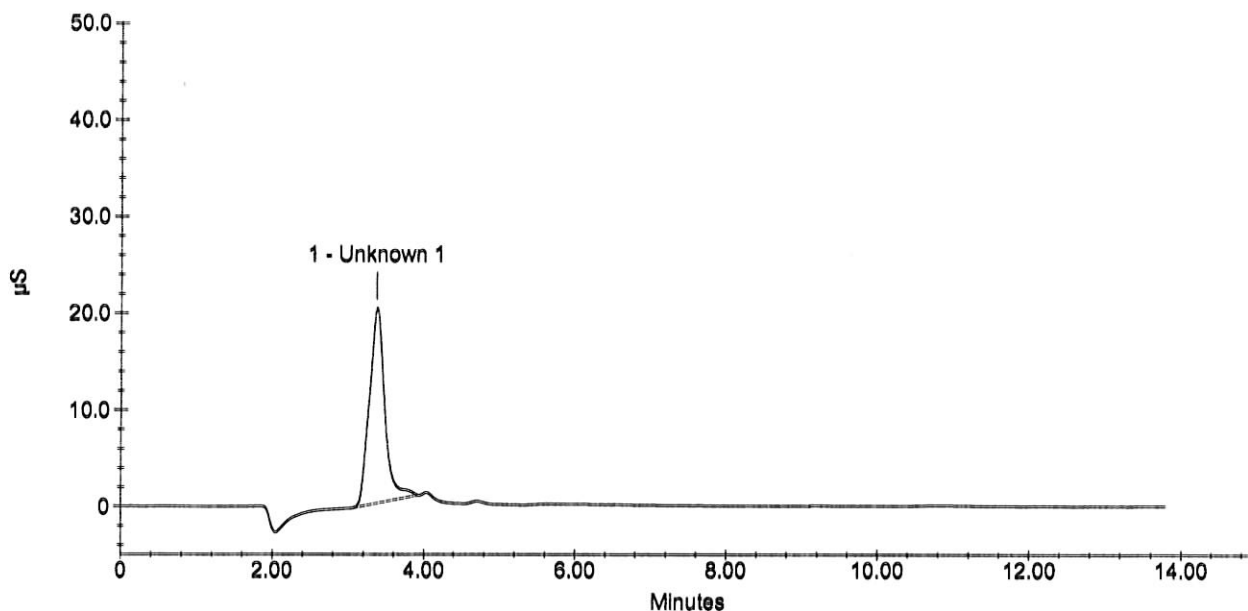
Injection Number : 22

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.36	Unknown 1	0.0000	2845309	200275	

AY04749W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103165

Sample Collection Date: No Date Specified

APPL ID: AY04750

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09

Sample Analysis Report

Sample Name : AY04750W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_023.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/5/09 15:07:42

System Operator : pd

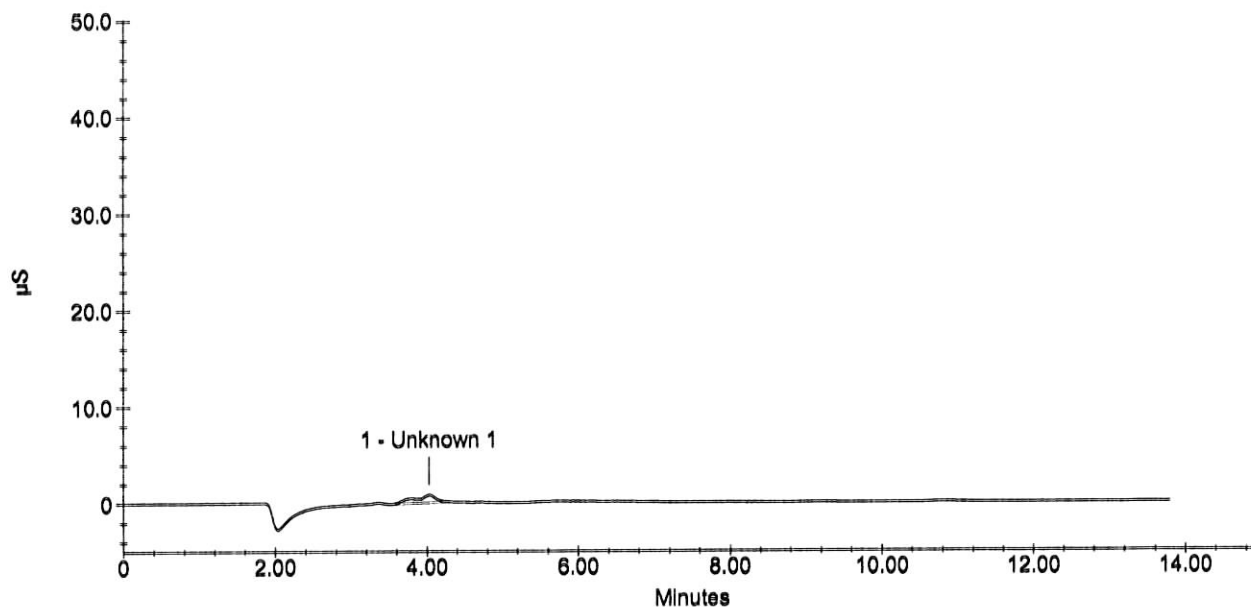
Injection Number : 23

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.03	Unknown 1	0.0000	157444	7791	

AY04750W01 1/5



Sample Analysis Report

Sample Name : AY04750W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_023.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 15:07:42

System Operator : pd

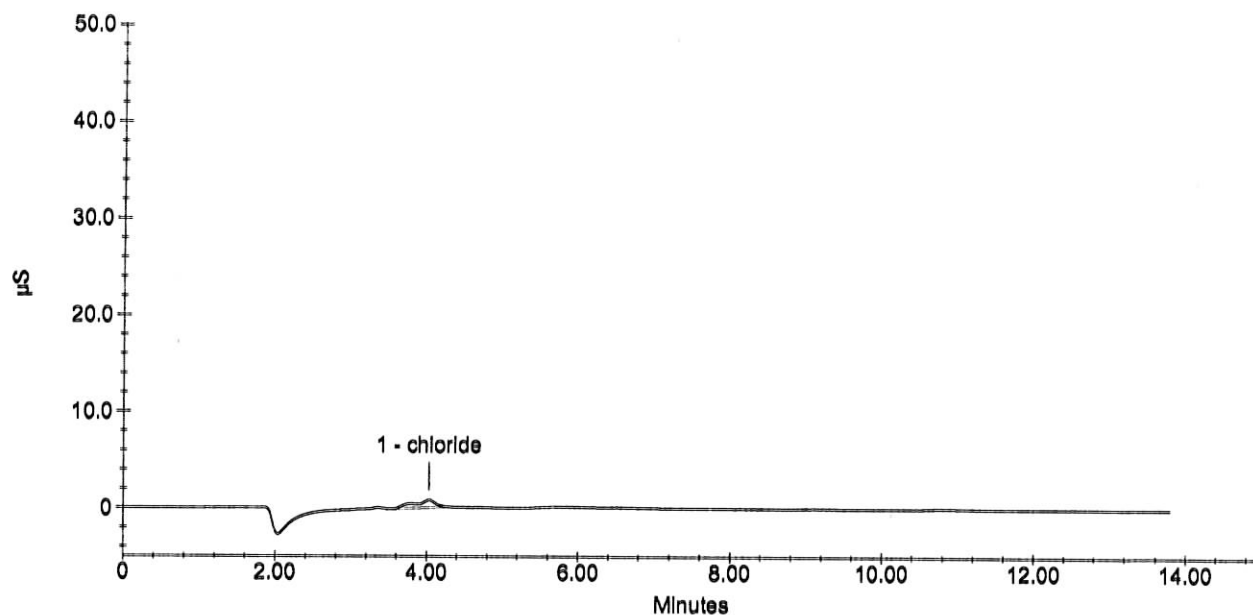
Injection Number : 23

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.03	chloride	5.8989	157444	7791	

AY04750W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103189

Sample Collection Date: No Date Specified

APPL ID: AY04751

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09

Sample Analysis Report

Sample Name : AY04751W01 1/5

Data File Name : i:\dionex\dlanions\data\091005a\091005a_024.DXD

Method File Name : I:\DIONEX\DIANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/5/09 15:24:06

System Operator : pd

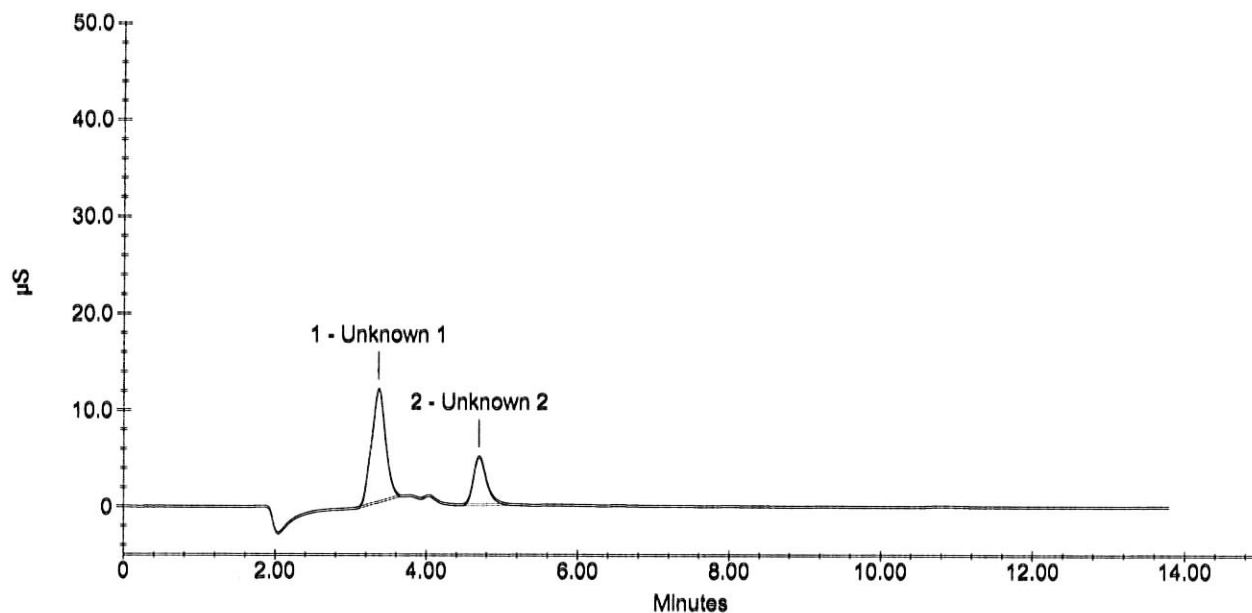
Injection Number : 24

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.36	Unknown 1	0.0000	1491932	116398	
2	4.69	Unknown 2	0.0000	604428	49279	

AY04751W01 1/5



Sample Analysis Report

Sample Name : AY04751W01 1/5

Data File Name : i:\dionex\dlanions\data\091005a\091005a_024.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 15:24:06

System Operator : pd

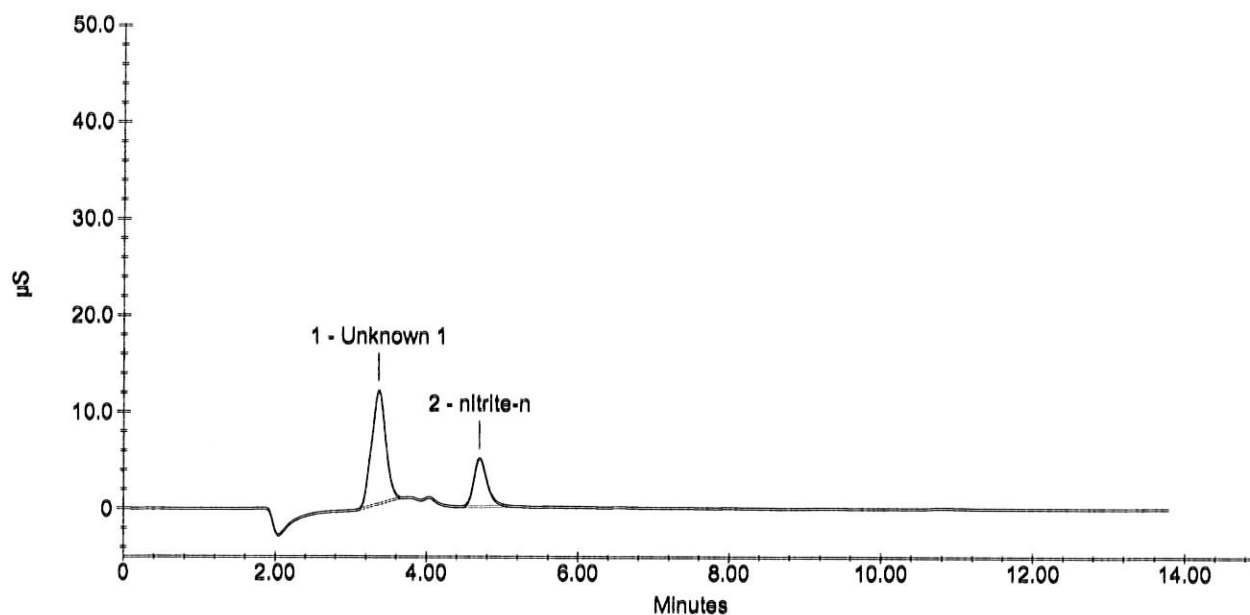
Injection Number : 24

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.36	Unknown 1	0.0000	1491932	116398	
2	4.69	nitrite-n	2.3901	604428	49279	

AY04751W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103190

Sample Collection Date: No Date Specified

APPL ID: AY04752

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09

Sample Analysis Report

Sample Name : AY04752W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_025.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/5/09 15:40:30

System Operator : pd

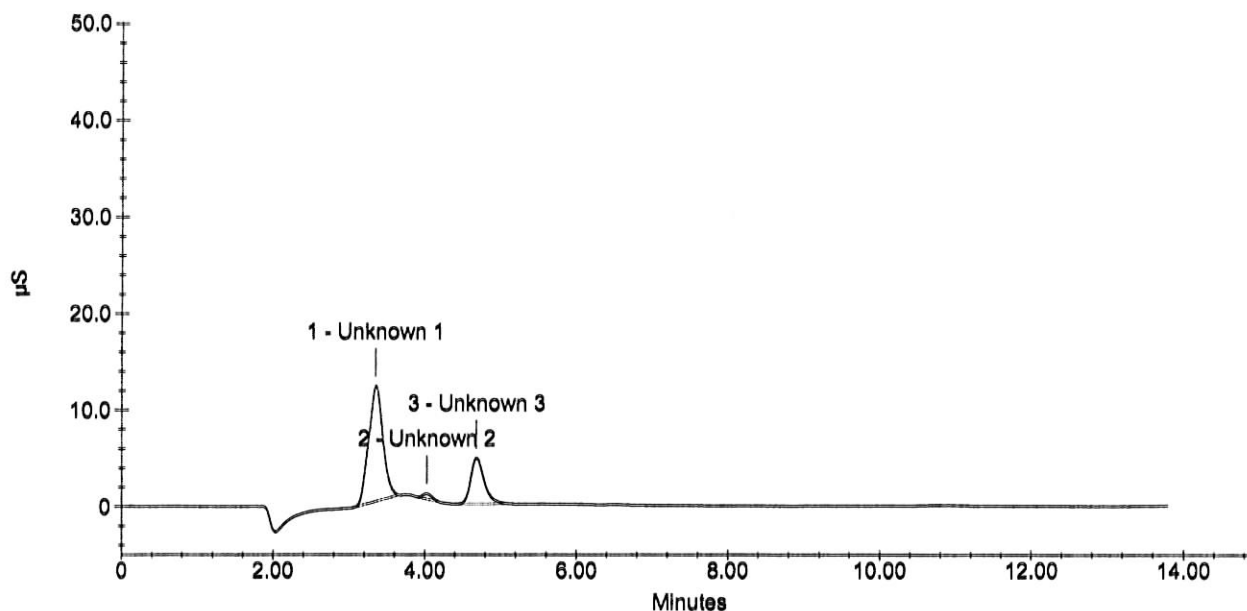
Injection Number : 25

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1540971	118836	
2	4.03	Unknown 2	0.0000	44713	5550	
3	4.68	Unknown 3	0.0000	579233	47131	

AY04752W01 1/5



Sample Analysis Report

Sample Name : AY04752W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_025.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 15:40:30

System Operator : pd

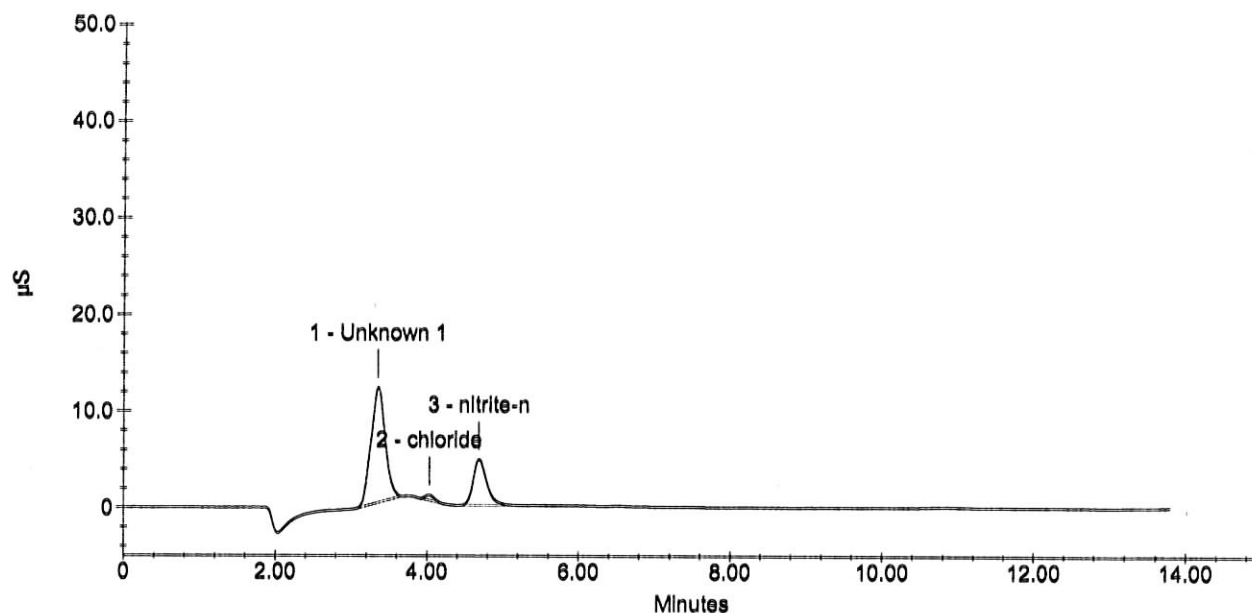
Injection Number : 25

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1540971	118836	
2	4.03	chloride	5.2004	44713	5550	
3	4.68	nitrite-n	2.3023	579233	47131	

AY04752W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103191

Sample Collection Date: No Date Specified

APPL ID: AY04753

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09

Sample Analysis Report

Sample Name : AY04753W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_030.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/5/09 17:13:30

System Operator : pd

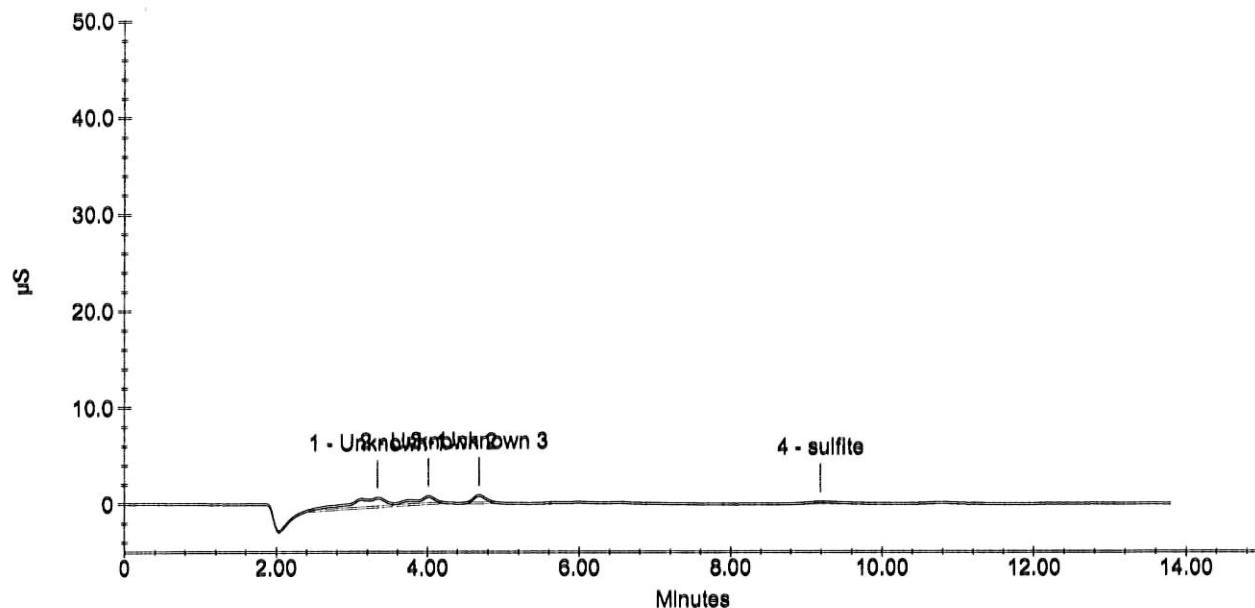
Injection Number : 30

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	329608	8917	
2	4.01	Unknown 2	0.0000	145874	7285	
3	4.68	Unknown 3	0.0000	83199	7458	
4	9.19	sulfite	0.2390	29130	1396	-

AY04753W01 1/5



Sample Analysis Report

Sample Name : AY04753W01 1/5

Data File Name : i:\dionex\d1anions\data\091005a\091005a_030.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 17:13:30

System Operator : pd

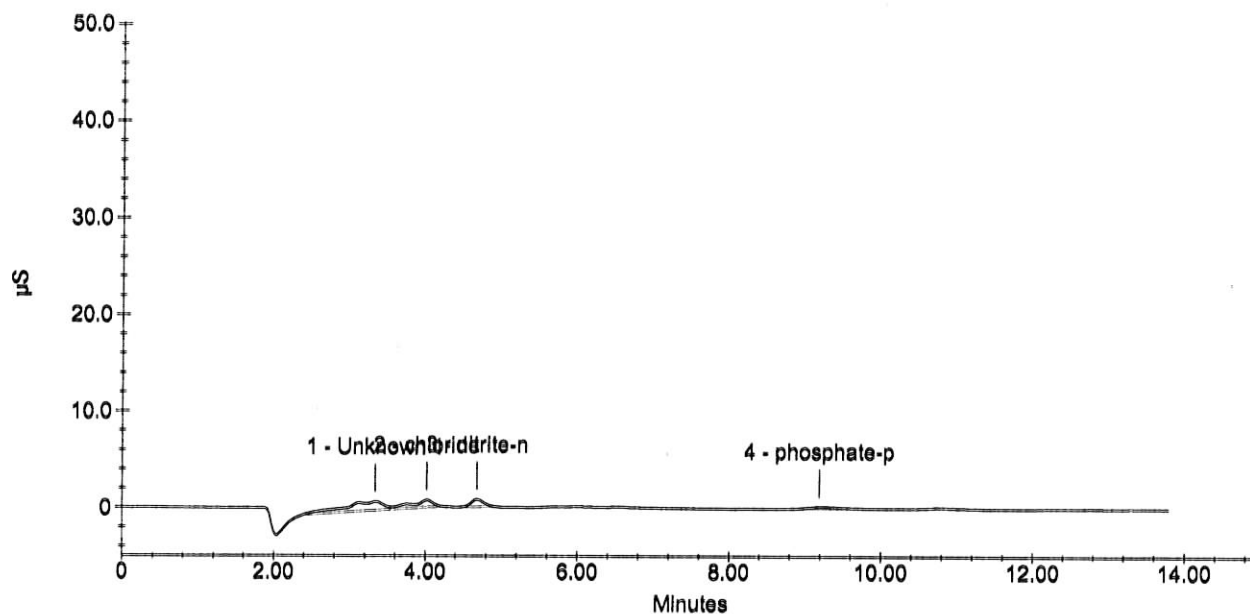
Injection Number : 30

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	329608	8917	
2	4.01	chloride	5.8272	145874	7285	
3	4.68	nitrite-n	0.5723	83199	7458	
4	9.19	phosphate-p	-0.1759	29130	1396	-

AY04753W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103192

Sample Collection Date: No Date Specified

APPL ID: AY04754

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04754W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091006a_008.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 10:54:57

System Operator : pd

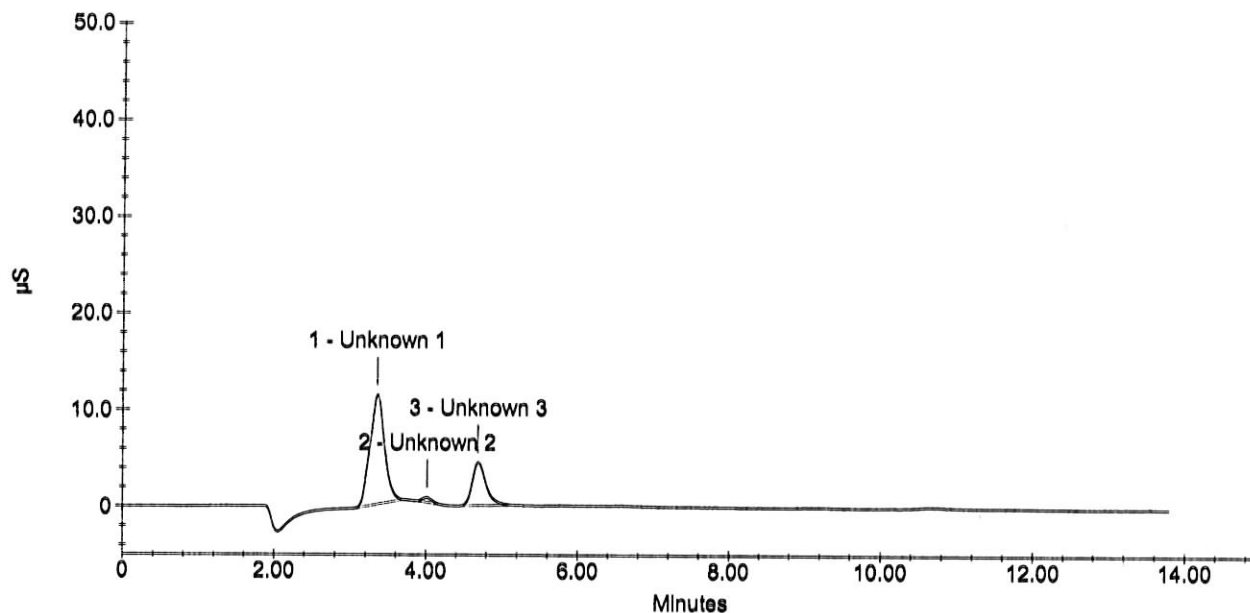
Injection Number : 8

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1493809	112637	
2	4.01	Unknown 2	0.0000	41575	4911	
3	4.68	Unknown 3	0.0000	558890	44042	

AY04754W01 1/5



Sample Analysis Report

Sample Name : AY04754W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091006a_008.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 10:54:57

System Operator : pd

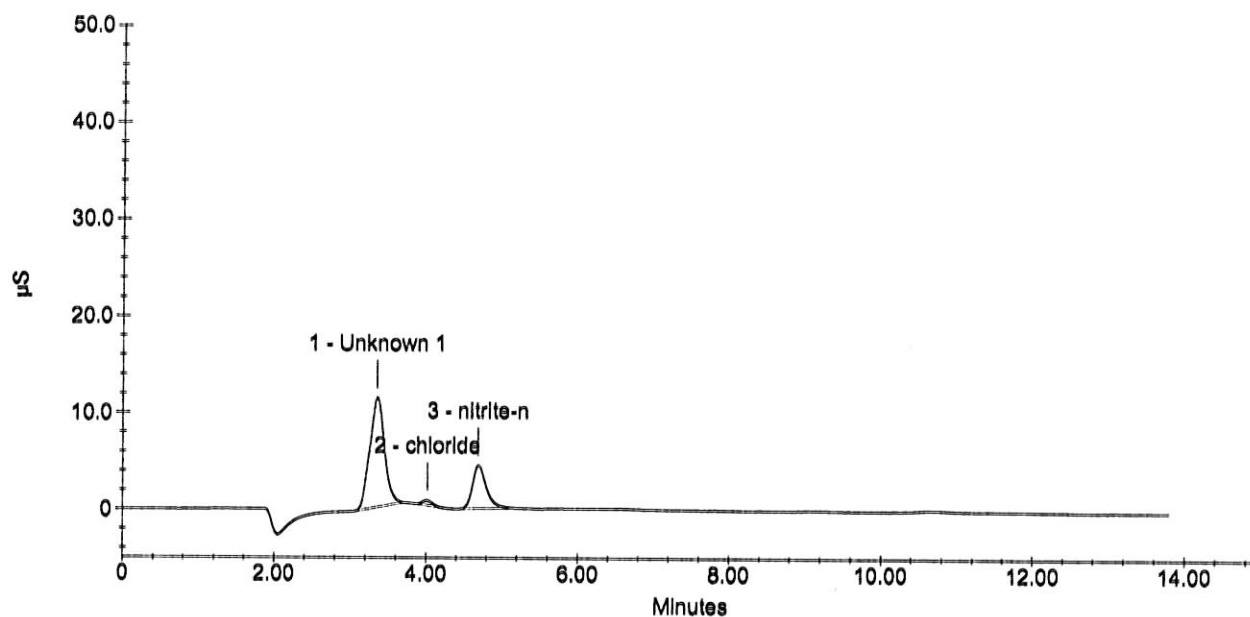
Injection Number : 8

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1493809	112637	
2	4.01	chloride	5.1809	41575	4911	
3	4.68	nitrite-n	2.2313	558890	44042	

AY04754W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103193

Sample Collection Date: No Date Specified

APPL ID: AY04755

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04755W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091006a_009.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/6/09 11:11:27

System Operator : pd

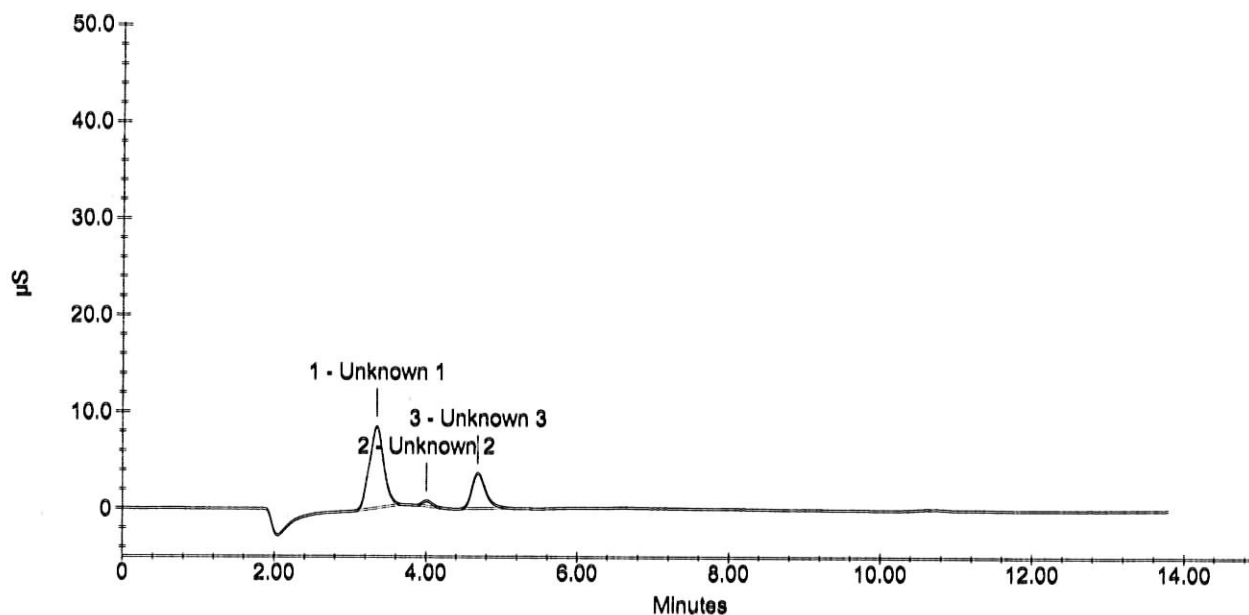
Injection Number : 9

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1097175	83687	
2	4.00	Unknown 2	0.0000	50572	5293	
3	4.68	Unknown 3	0.0000	447211	35973	

AY04755W01 1/5



Sample Analysis Report

Sample Name : AY04755W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091006a_009.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 11:11:27

System Operator : pd

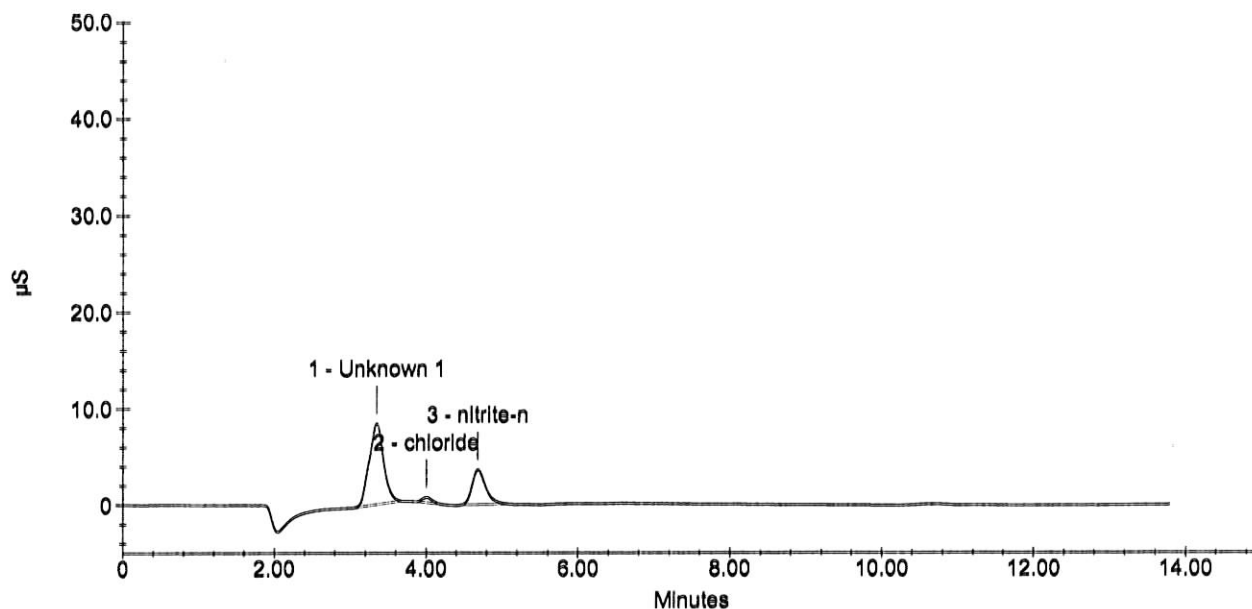
Injection Number : 9

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1097175	83687	
2	4.00	chloride	5.2367	50572	5293	
3	4.68	nitrite-n	1.8418	447211	35973	

AY04755W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 103194

Sample Collection Date: No Date Specified

APPL ID: AY04756

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04756W01 1/5

Data File Name : i:\dionex\dlanions\data\091006a\091006a_010.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 11:27:53

System Operator : pd

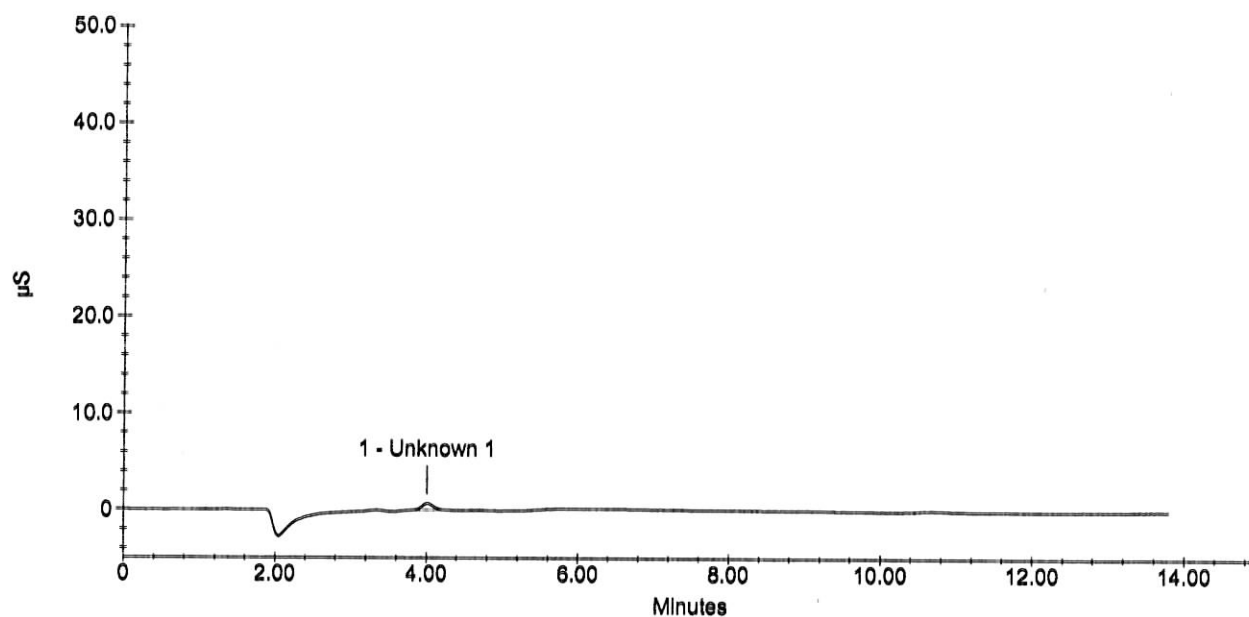
Injection Number : 10

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.00	Unknown 1	0.0000	66238	6594	

AY04756W01 1/5



Sample Analysis Report

Sample Name : AY04756W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_010.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 11:27:53

System Operator : pd

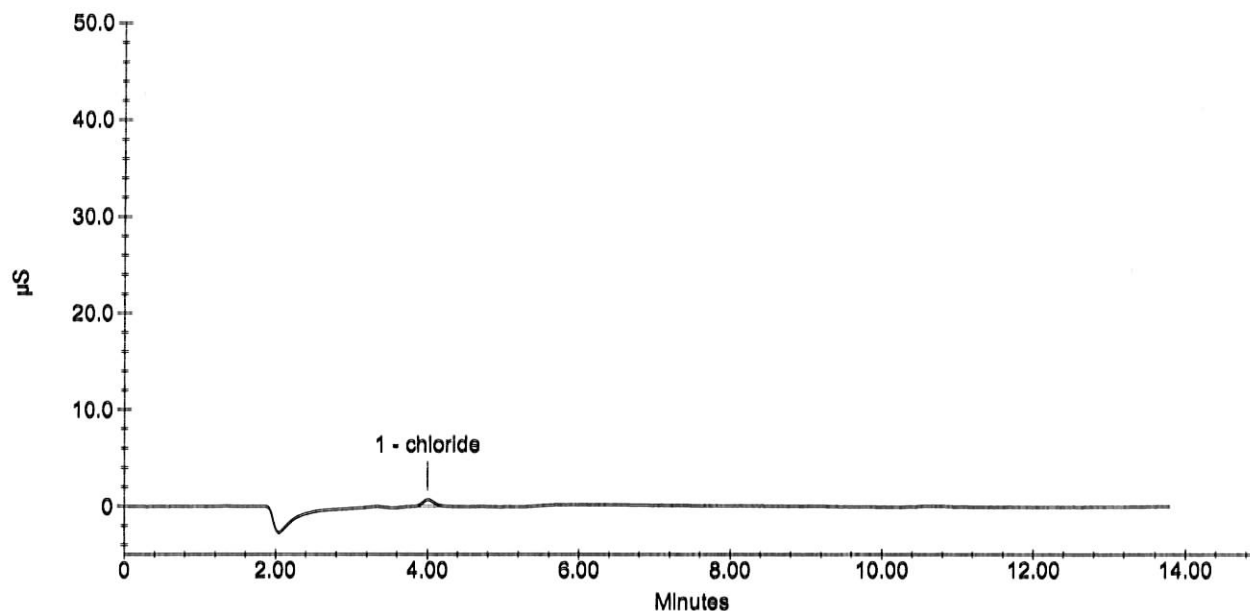
Injection Number : 10

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.00	chloride	5.3338	66238	6594	

AY04756W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106663

Sample Collection Date: No Date Specified

APPL ID: AY04757

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04757W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_011.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 11:44:21

System Operator : pd

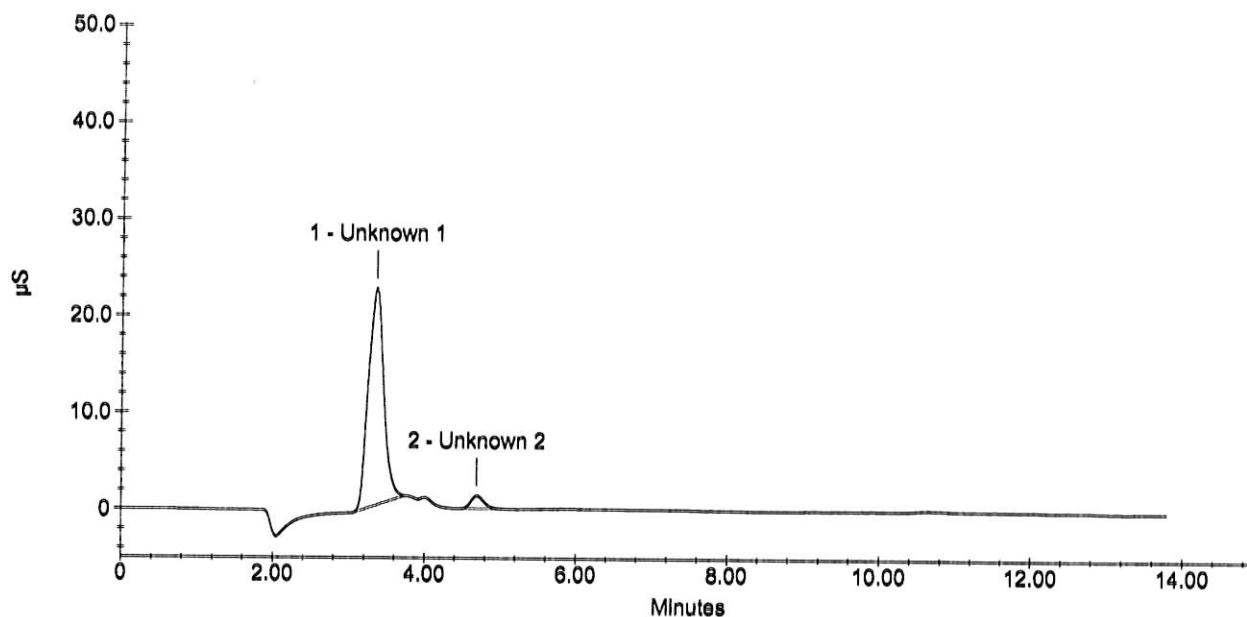
Injection Number : 11

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3138241	224044	
2	4.68	Unknown 2	0.0000	151212	13124	

AY04757W01 1/5



Sample Analysis Report

Sample Name : AY04757W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_011.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 11:44:21

System Operator : pd

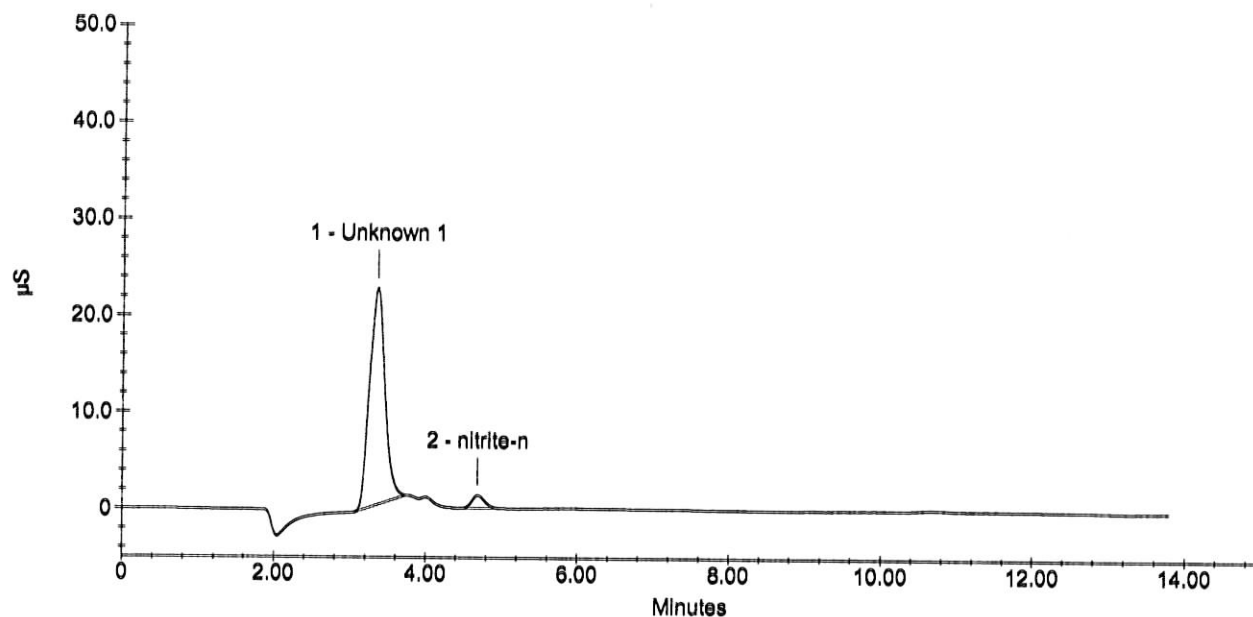
Injection Number : 11

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3138241	224044	
2	4.68	nitrite-n	0.8095	151212	13124	

AY04757W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106664

Sample Collection Date: No Date Specified

APPL ID: AY04758

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04758W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091006a_012.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/6/09 12:00:46

System Operator : pd

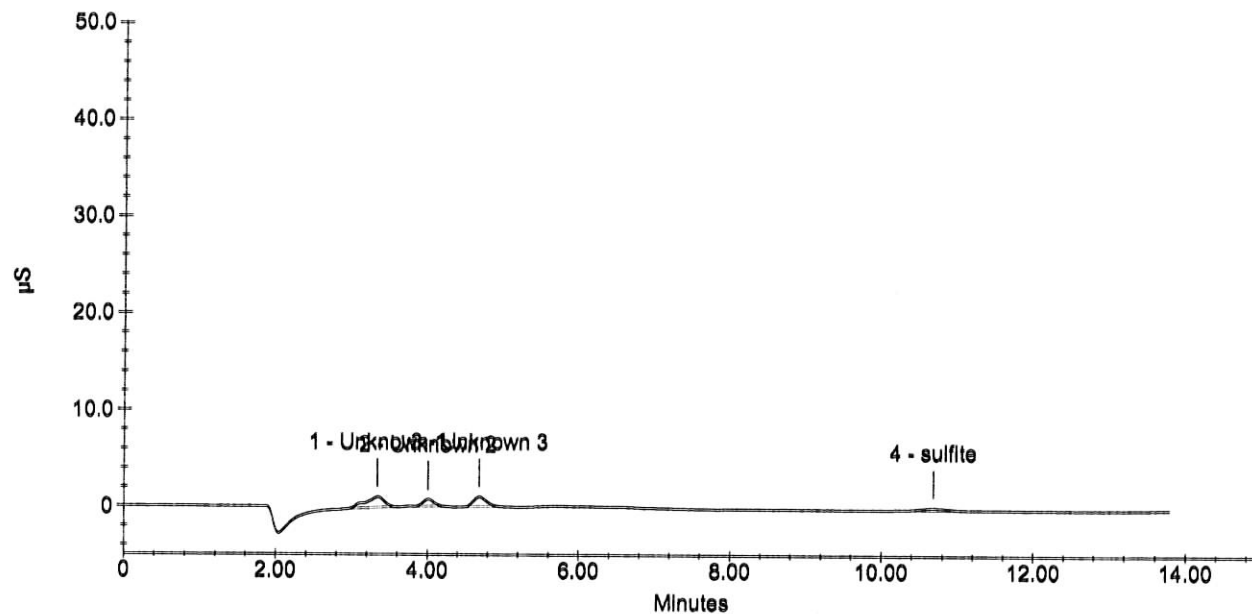
Injection Number : 12

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	186487	10885	
2	4.00	Unknown 2	0.0000	70489	7062	
3	4.68	Unknown 3	0.0000	116494	9987	
4	10.68	sulfite	0.4897	41291	1894	-

AY04758W01 1/5



Sample Analysis Report

Sample Name : AY04758W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091006a_012.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 12:00:46

System Operator : pd

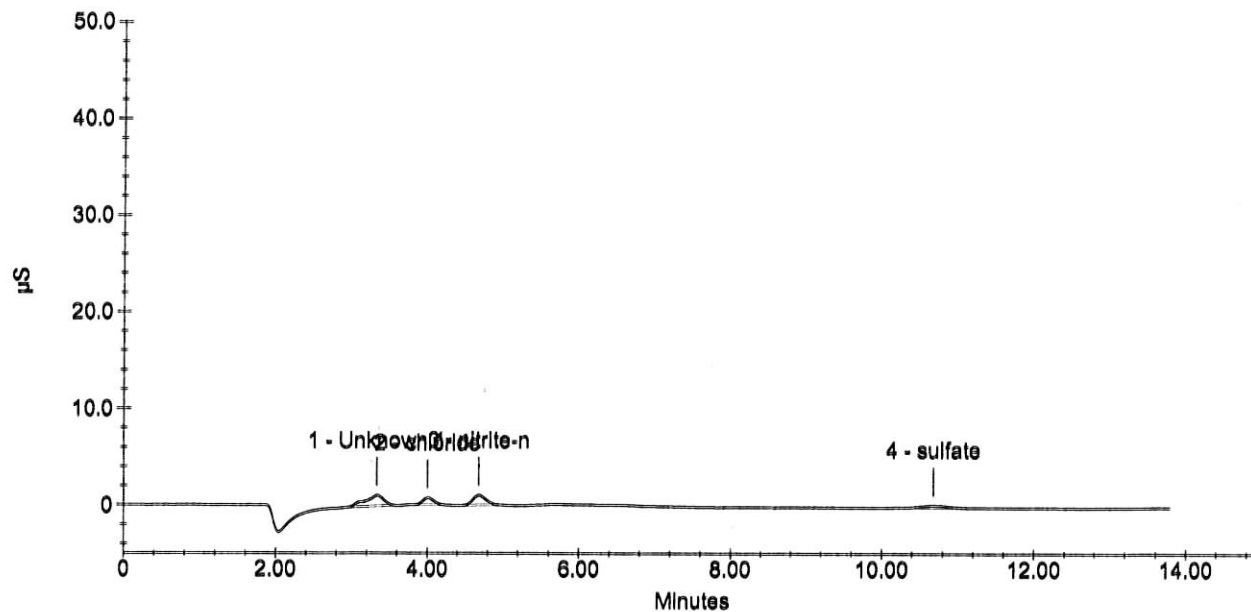
Injection Number : 12

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	186487	10885	
2	4.00	chloride	5.3601	70489	7062	
3	4.68	nitrite-n	0.6885	116494	9987	
4	10.68	sulfate	3.0479	41291	1894	

AY04758W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106665

Sample Collection Date: No Date Specified

APPL ID: AY04759

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04759W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_013.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 12:17:23

System Operator : pd

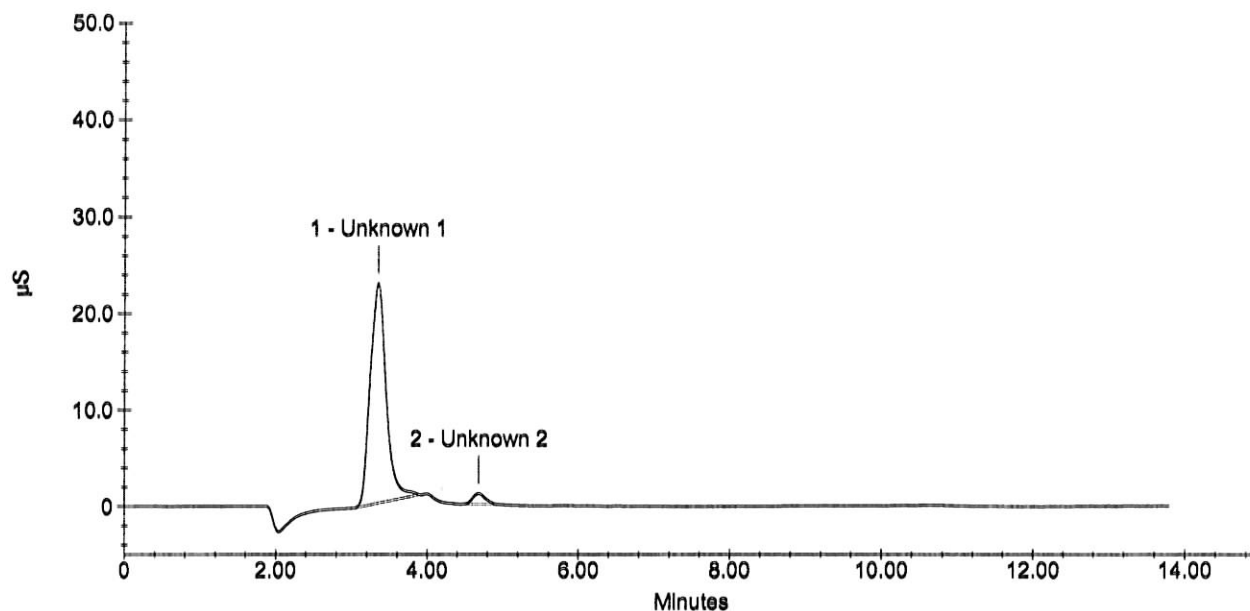
Injection Number : 13

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3316227	227452	
2	4.68	Unknown 2	0.0000	124611	10879	

AY04759W01 1/5



Sample Analysis Report

Sample Name : AY04759W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_013.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 12:17:23

System Operator : pd

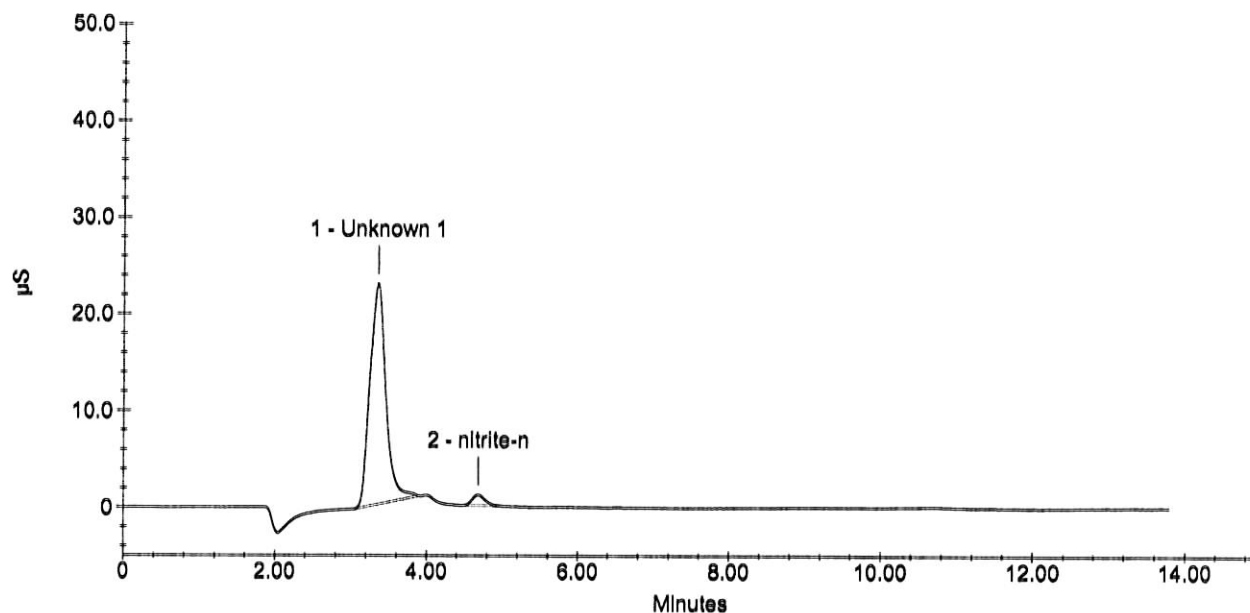
Injection Number : 13

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3316227	227452	
2	4.68	nitrite-n	0.7168	124611	10879	

AY04759W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106666

Sample Collection Date: No Date Specified

APPL ID: AY04760

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04760W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_014.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 12:33:50

System Operator : pd

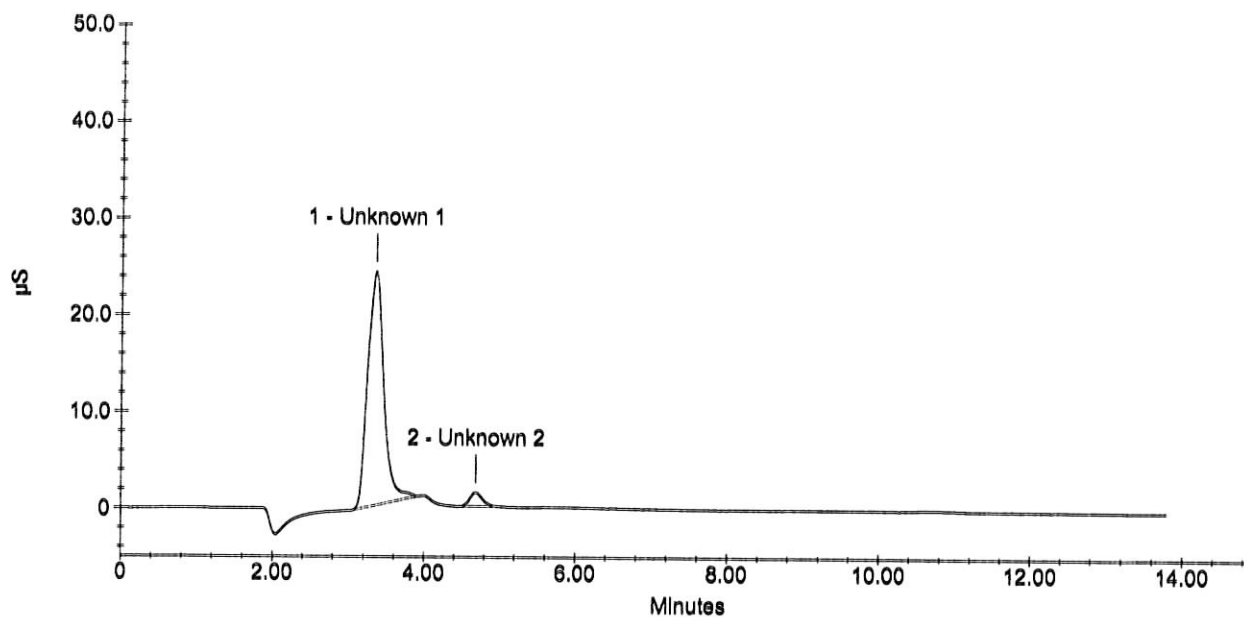
Injection Number : 14

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3539970	241218	
2	4.68	Unknown 2	0.0000	162598	14077	

AY04760W01 1/5



Sample Analysis Report

Sample Name : AY04760W01 1/5

Data File Name : i:\dionex\dlanions\data\091006a\091006a_014.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 12:33:50

System Operator : pd

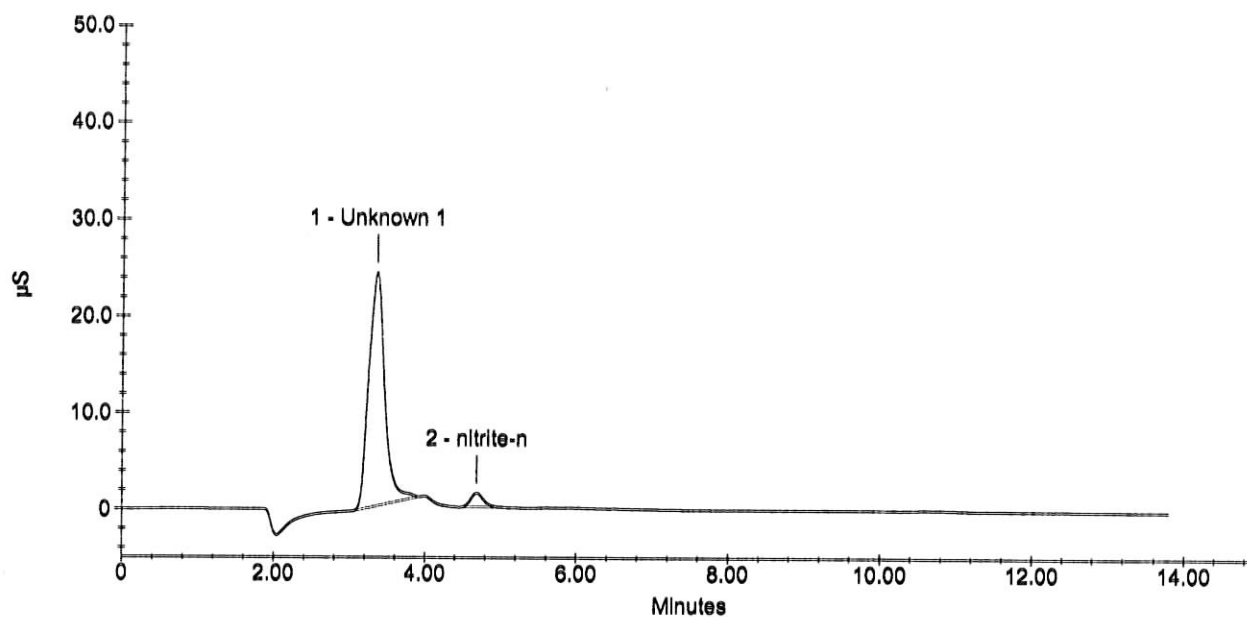
Injection Number : 14

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3539970	241218	
2	4.68	nitrite-n	0.8492	162598	14077	

AY04760W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106667

Sample Collection Date: No Date Specified

APPL ID: AY04761

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04761W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_015.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 12:50:16

System Operator : pd

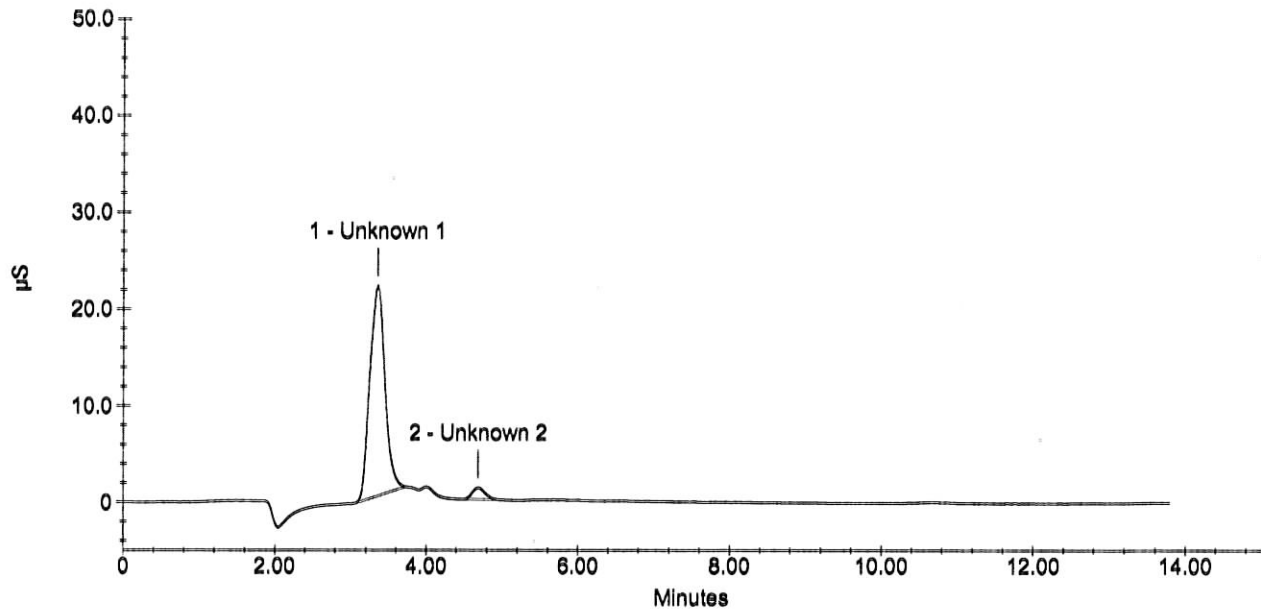
Injection Number : 15

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3030178	216664	
2	4.68	Unknown 2	0.0000	135775	11820	

AY04761W01 1/5



Sample Analysis Report

Sample Name : AY04761W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_015.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 12:50:16

System Operator : pd

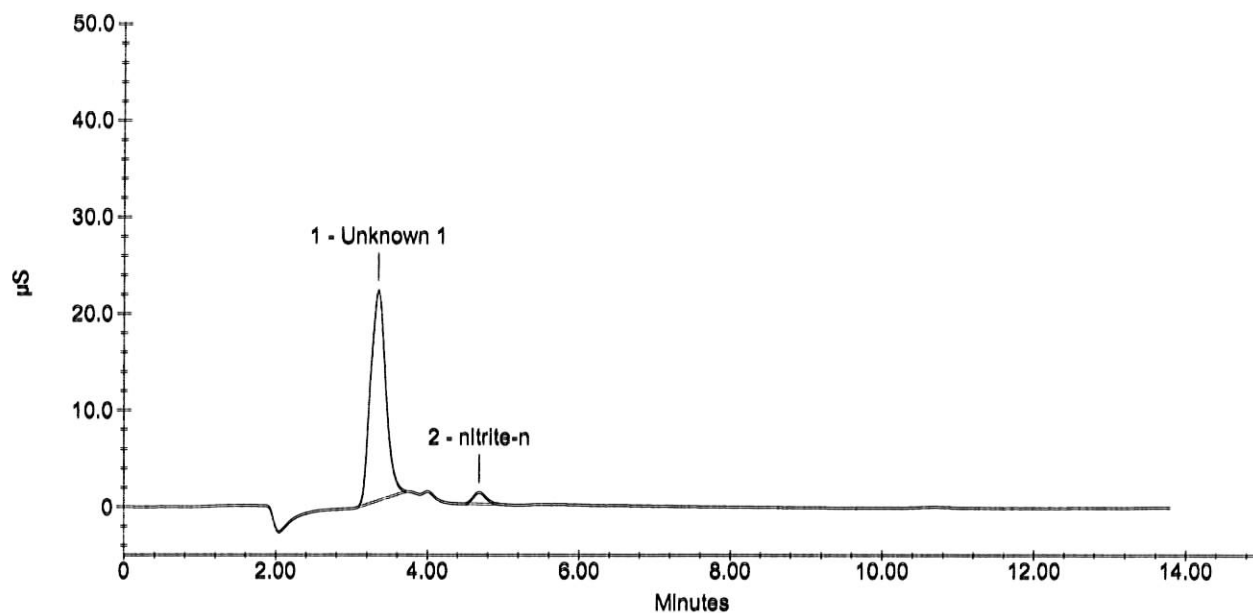
Injection Number : 15

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3030178	216664	
2	4.68	nitrite-n	0.7557	135775	11820	

AY04761W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106668

Sample Collection Date: No Date Specified

APPL ID: AY04762

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04762W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_016.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/6/09 13:06:43

System Operator : pd

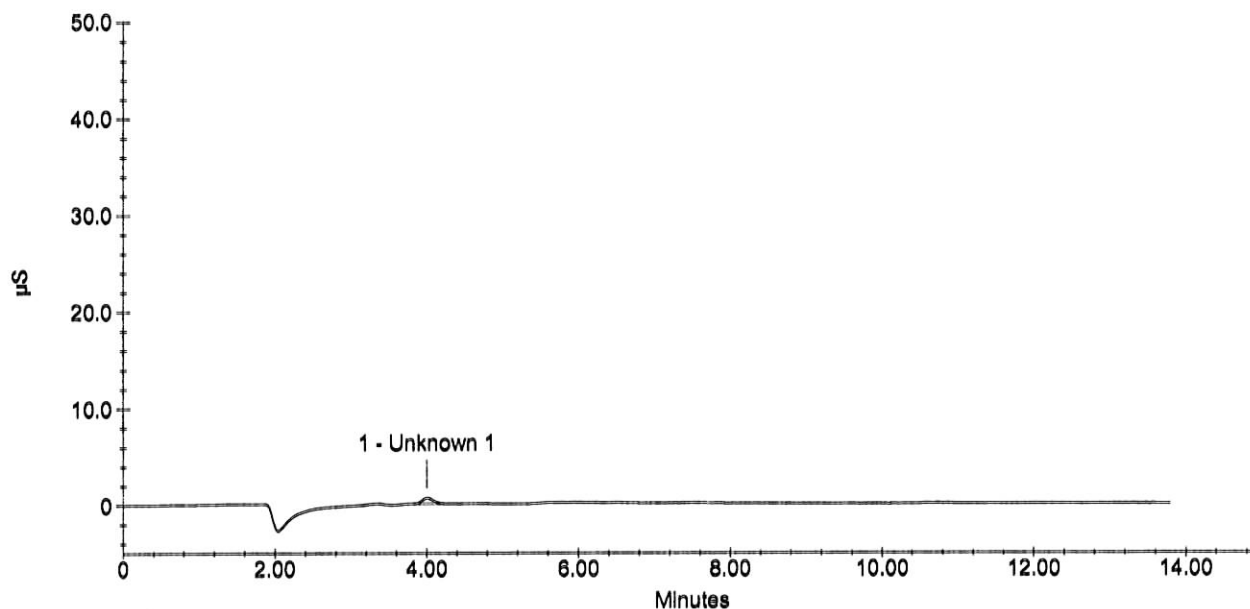
Injection Number : 16

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.00	Unknown 1	0.0000	56527	5762	

AY04762W01 1/5



Sample Analysis Report

Sample Name : AY04762W01 1/5

Data File Name : i:\dionex\d1anions\data\091006a\091006a_016.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 13:06:43

System Operator : pd

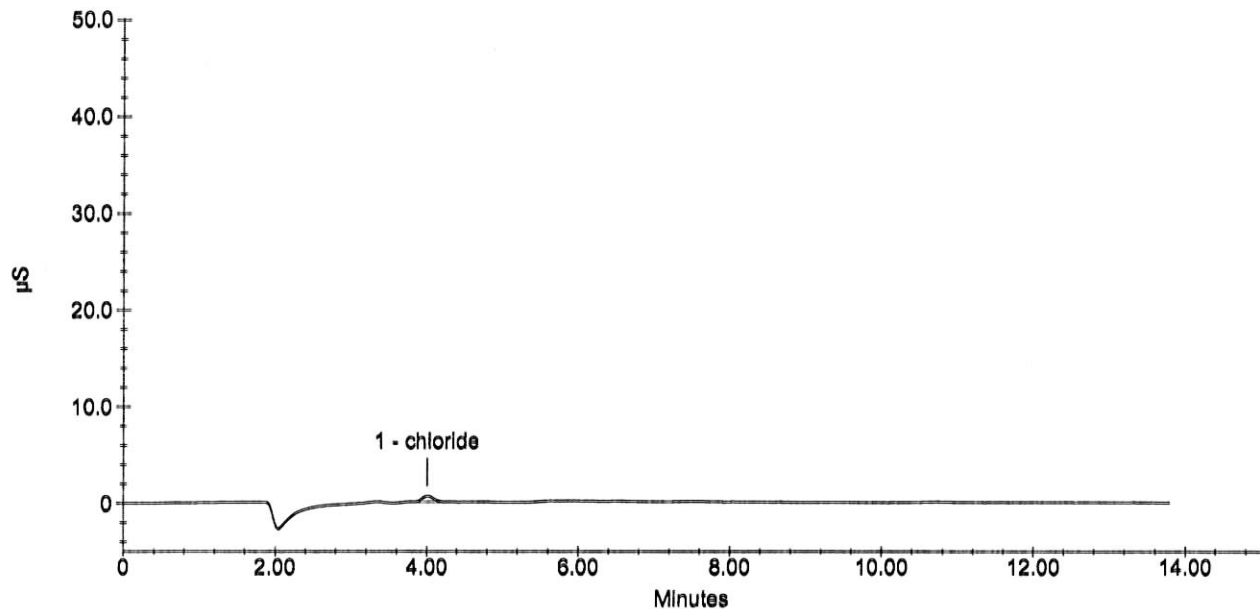
Injection Number : 16

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.00	chloride	5.2736	56527	5762	

AY04762W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106687

Sample Collection Date: No Date Specified

APPL ID: AY04763

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09

Sample Analysis Report

Sample Name : AY04763W01 1/5

Data File Name : i:\dionex\dlanions\data\091006a\091006a_017.DXD

Method File Name : I:\DIONEX\DIANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/6/09 13:23:09

System Operator : pd

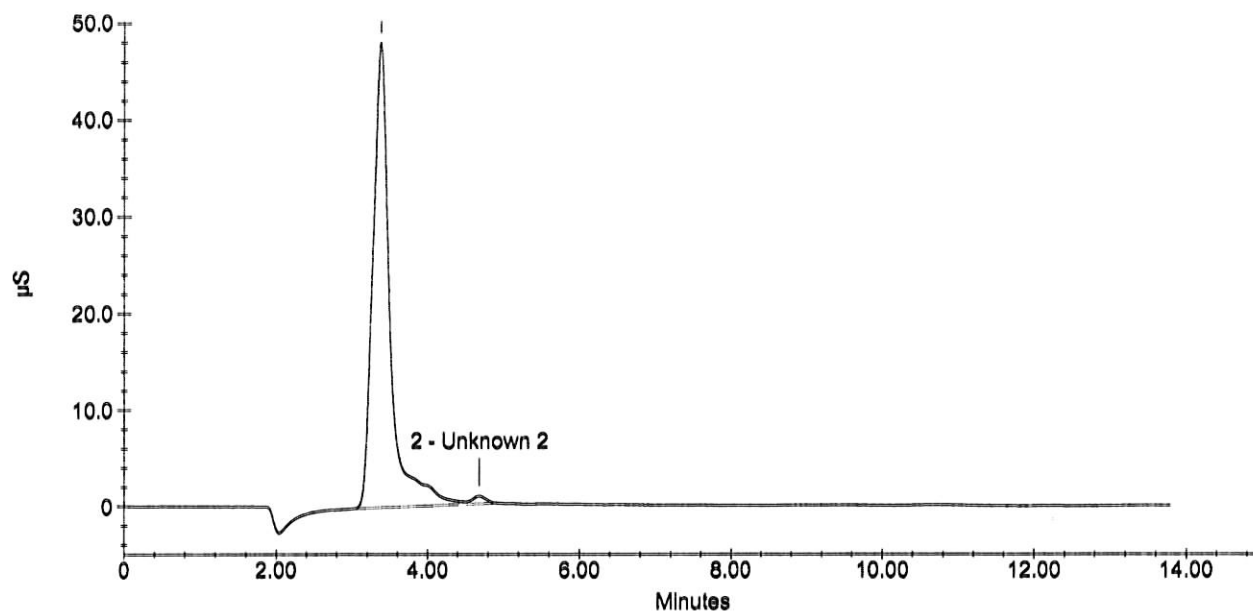
Injection Number : 17

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.37	Unknown 1	0.0000	7570642	479972	
2	4.68	Unknown 2	0.0000	101221	7952	

AY04763W01 1/5



Sample Analysis Report

Sample Name : AY04763W01 1/5

Data File Name : i:\dionex\dlanions\data\091006a\091006a_017.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 13:23:09

System Operator : pd

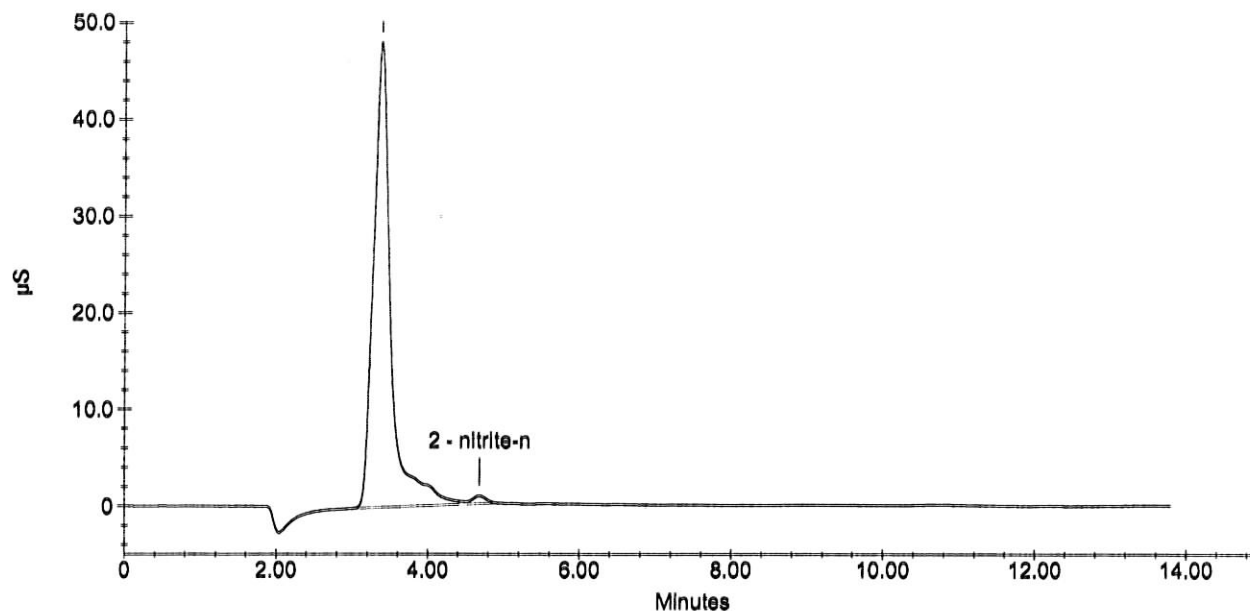
Injection Number : 17

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.37	Unknown 1	0.0000	7570642	479972	
2	4.68	nitrite-n	0.6352	101221	7952	

AY04763W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106688

Sample Collection Date: No Date Specified

APPL ID: AY04764

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04764W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_008.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/7/09 10:39:45

System Operator : PD

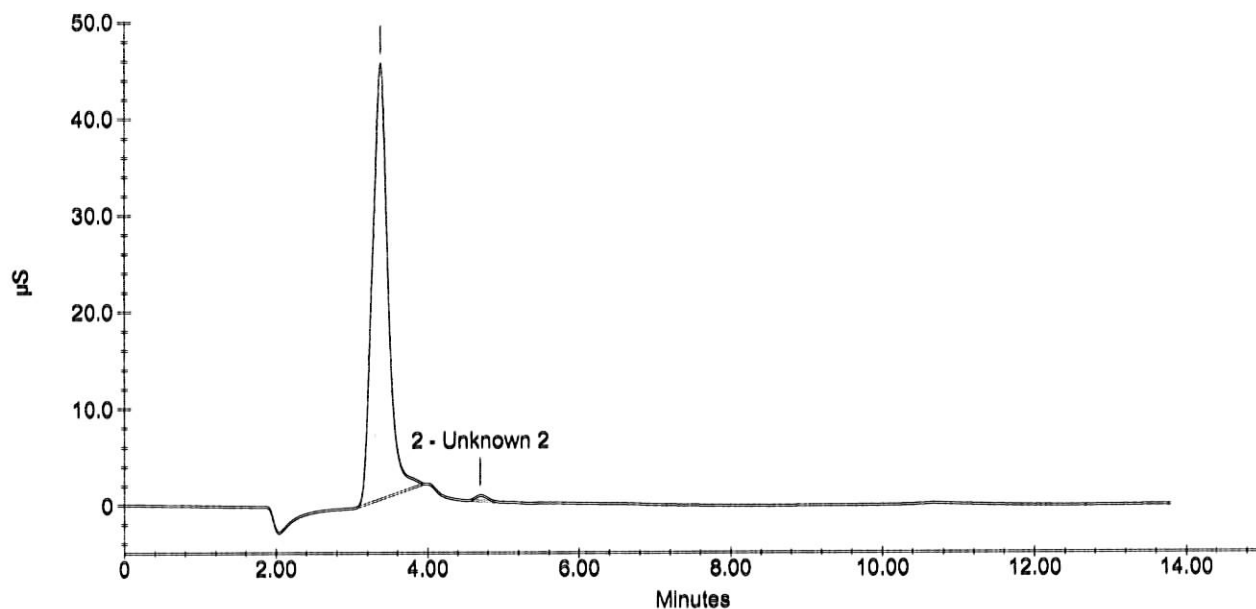
Injection Number : 8

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.37	Unknown 1	0.0000	6414844	449981	
2	4.69	Unknown 2	0.0000	59083	5557	

AY04764W01 1/5



Sample Analysis Report

Sample Name : AY04764W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_008.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 10:39:45

System Operator : PD

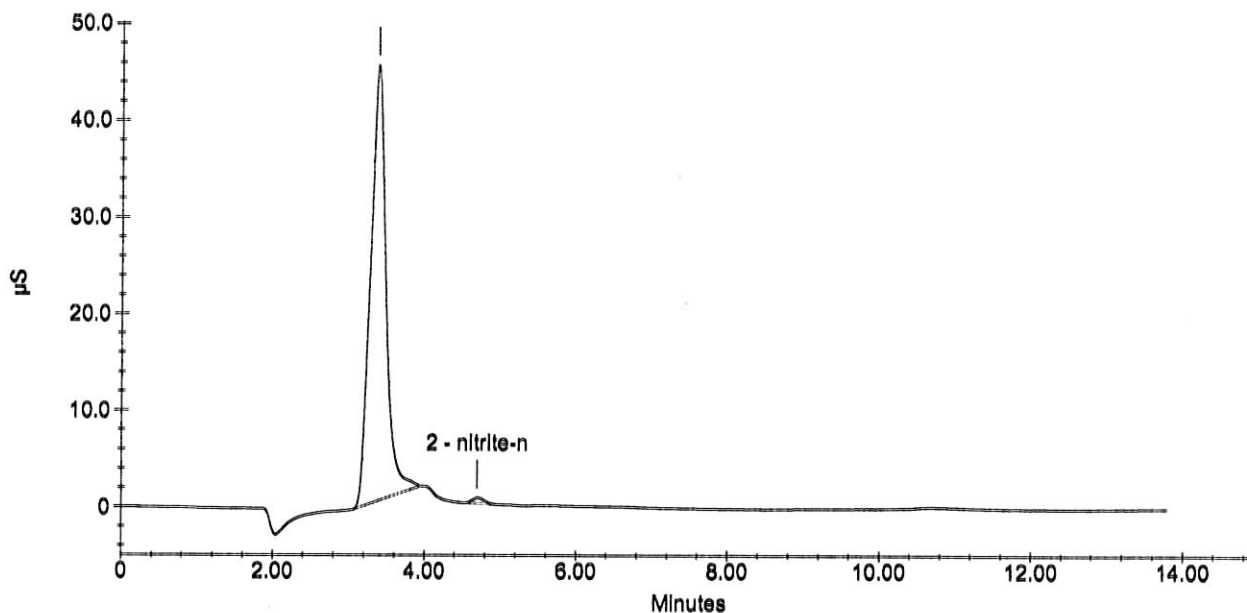
Injection Number : 8

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.37	Unknown 1	0.0000	6414844	449981	
2	4.69	nitrite-n	0.4882	59083	5557	

AY04764W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106689

Sample Collection Date: No Date Specified

APPL ID: AY04765

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04765W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091007A_009.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/7/09 10:56:10

System Operator : PD

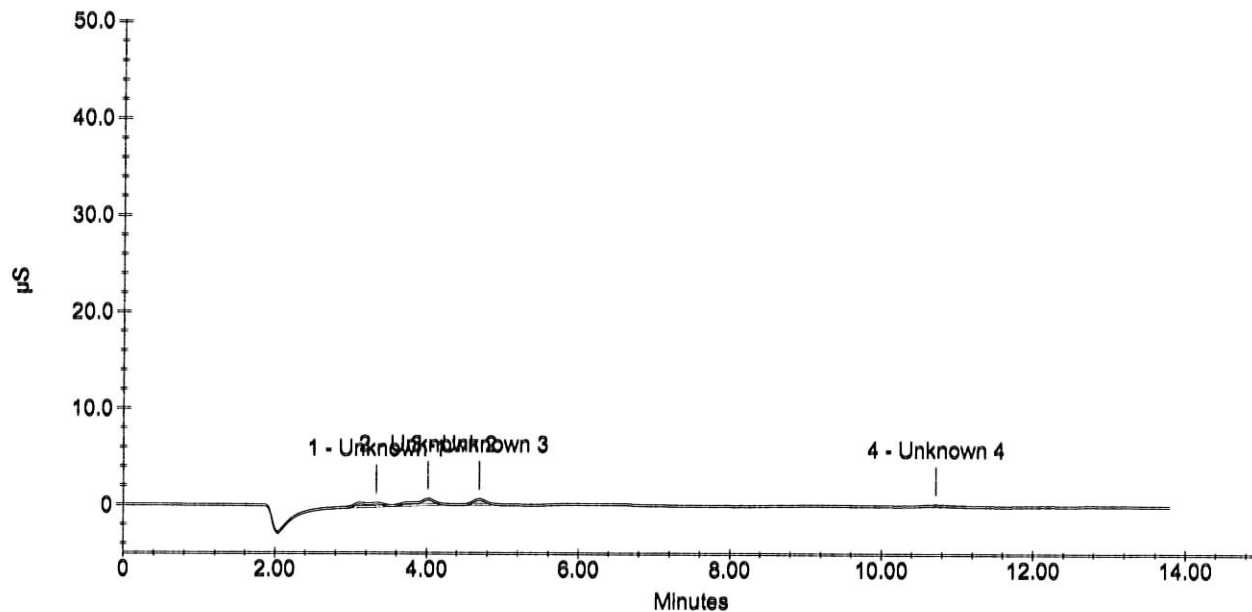
Injection Number : 9

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	79142	3216	
2	4.01	Unknown 2	0.0000	97417	5608	
3	4.69	Unknown 3	0.0000	52502	4953	
4	10.72	Unknown 4	0.0000	16789	947	

AY04765W01 1/5



Sample Analysis Report

Sample Name : AY04765W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_009.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 10:56:10

System Operator : PD

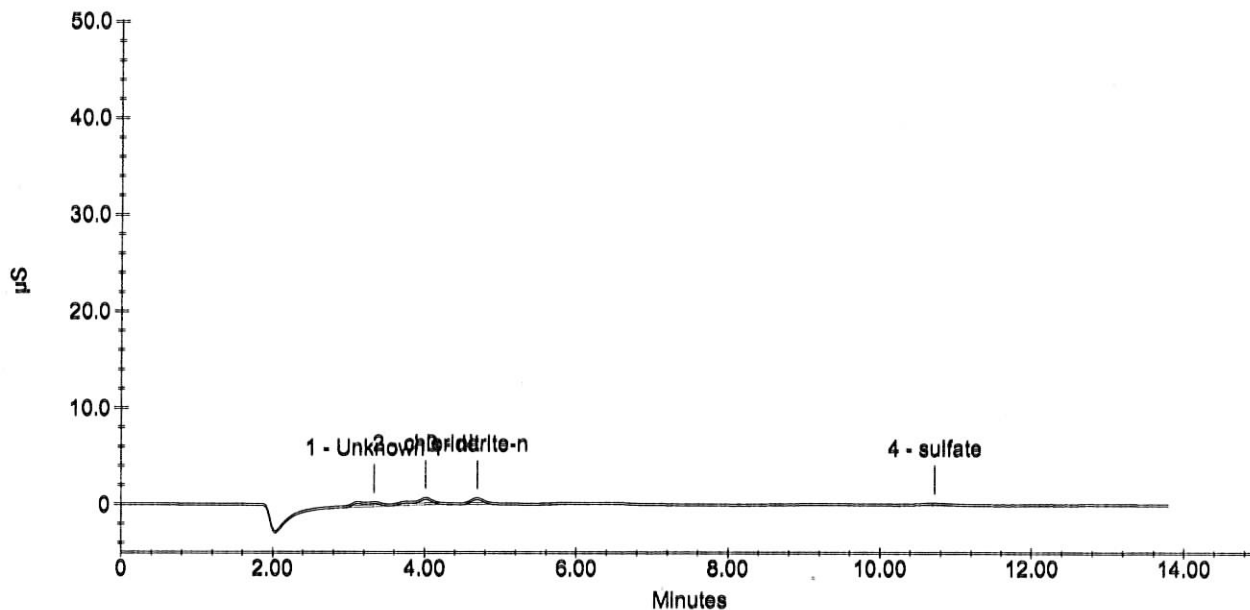
Injection Number : 9

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	79142	3216	
2	4.01	chloride	5.5270	97417	5608	
3	4.69	nitrite-n	0.4653	52502	4953	
4	10.72	sulfate	2.8109	16789	947	

AY04765W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106690

Sample Collection Date: No Date Specified

APPL ID: AY04766

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04766W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_010.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/7/09 11:12:41

System Operator : PD

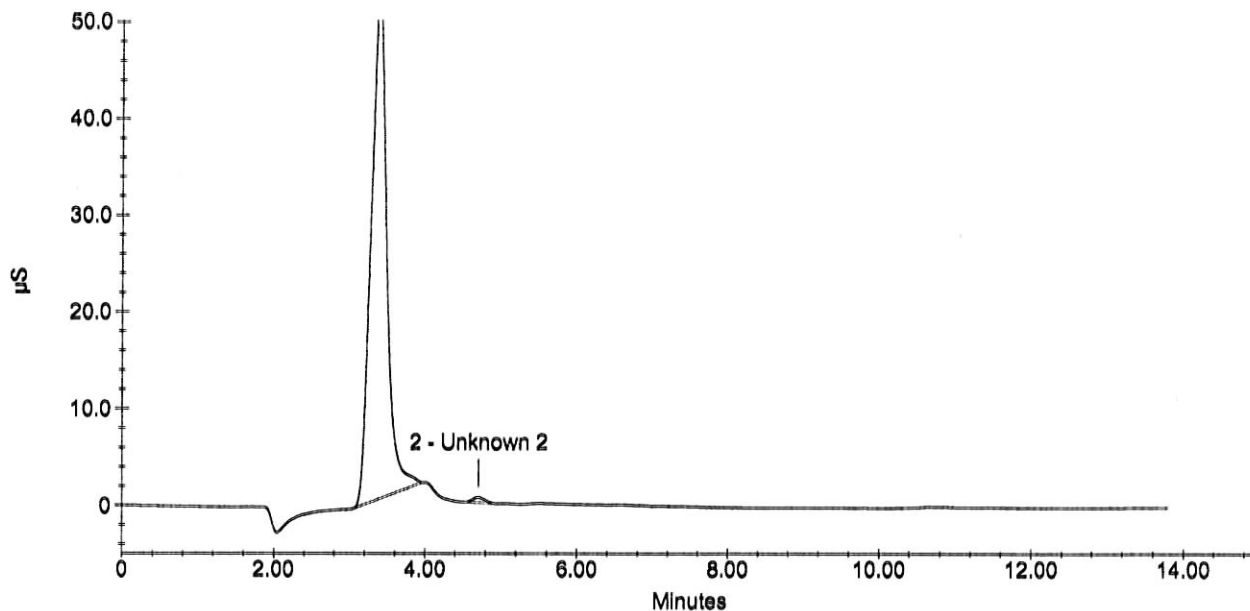
Injection Number : 10

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.37	Unknown 1	0.0000	7545306	529559	
2	4.71	Unknown 2	0.0000	58163	5493	

AY04766W01 1/5



Sample Analysis Report

Sample Name : AY04766W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091007A_010.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 11:12:41

System Operator : PD

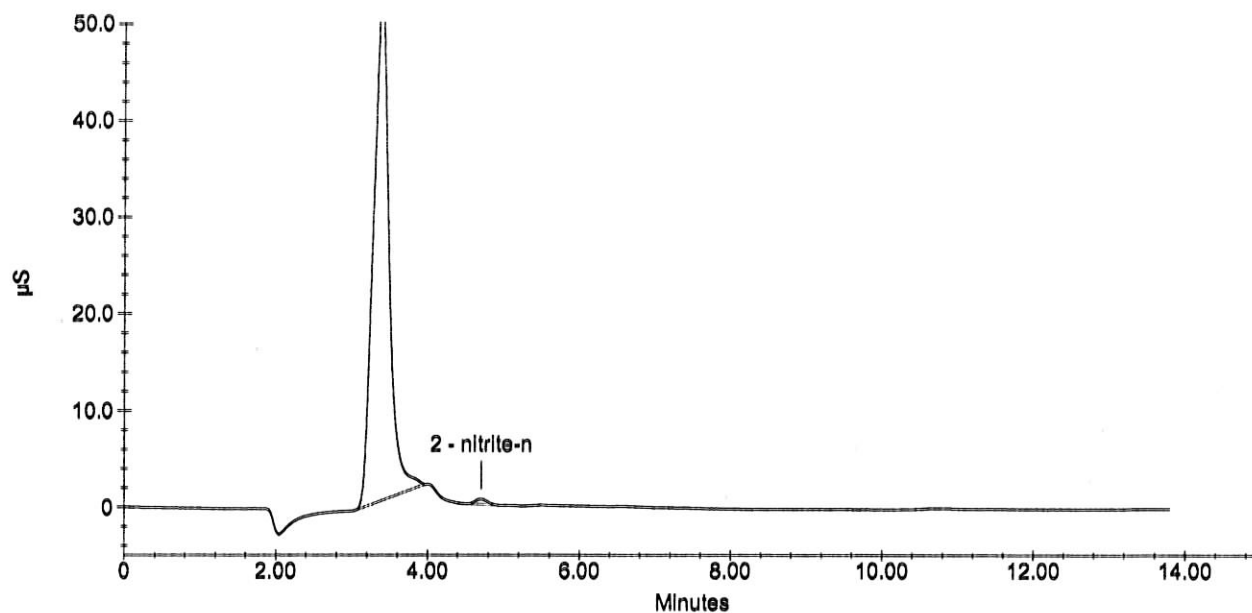
Injection Number : 10

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.37	Unknown 1	0.0000	7545306	529559	
2	4.71	nitrite-n	0.4850	58163	5493	

AY04766W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106691

Sample Collection Date: No Date Specified

APPL ID: AY04767

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04767W01 1/5

Data File Name : i:\dionex\dlanions\data\090903a\091007A_011.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/7/09 11:29:04

System Operator : PD

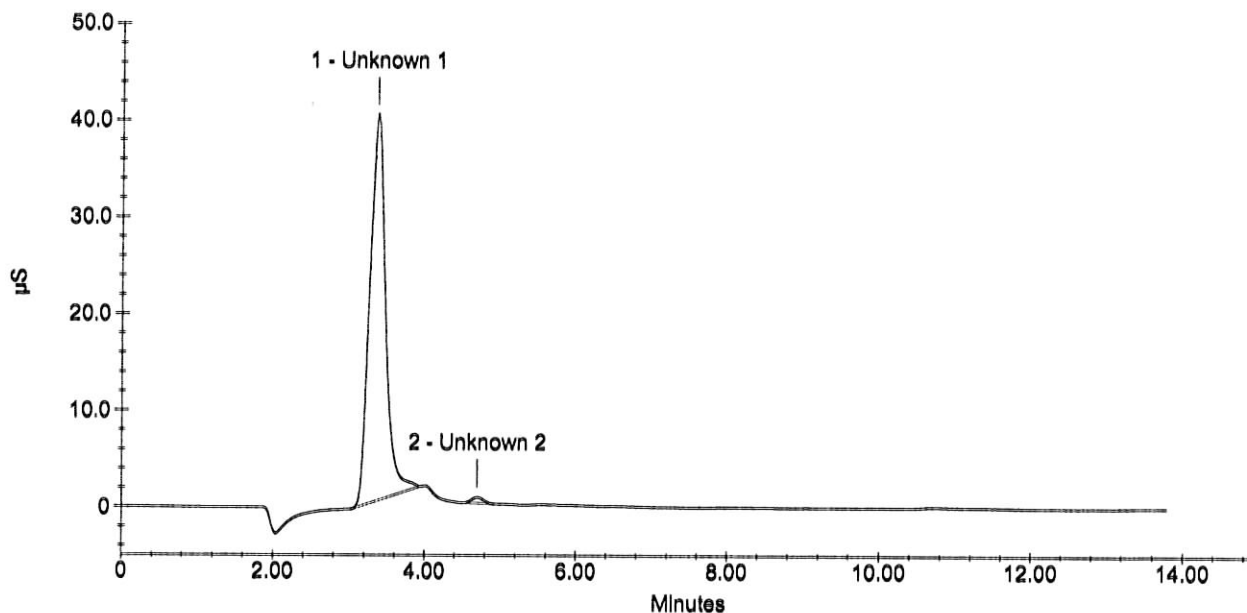
Injection Number : 11

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.36	Unknown 1	0.0000	5796332	398207	
2	4.69	Unknown 2	0.0000	61450	5886	

AY04767W01 1/5



Sample Analysis Report

Sample Name : AY04767W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091007A_011.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 11:29:04

System Operator : PD

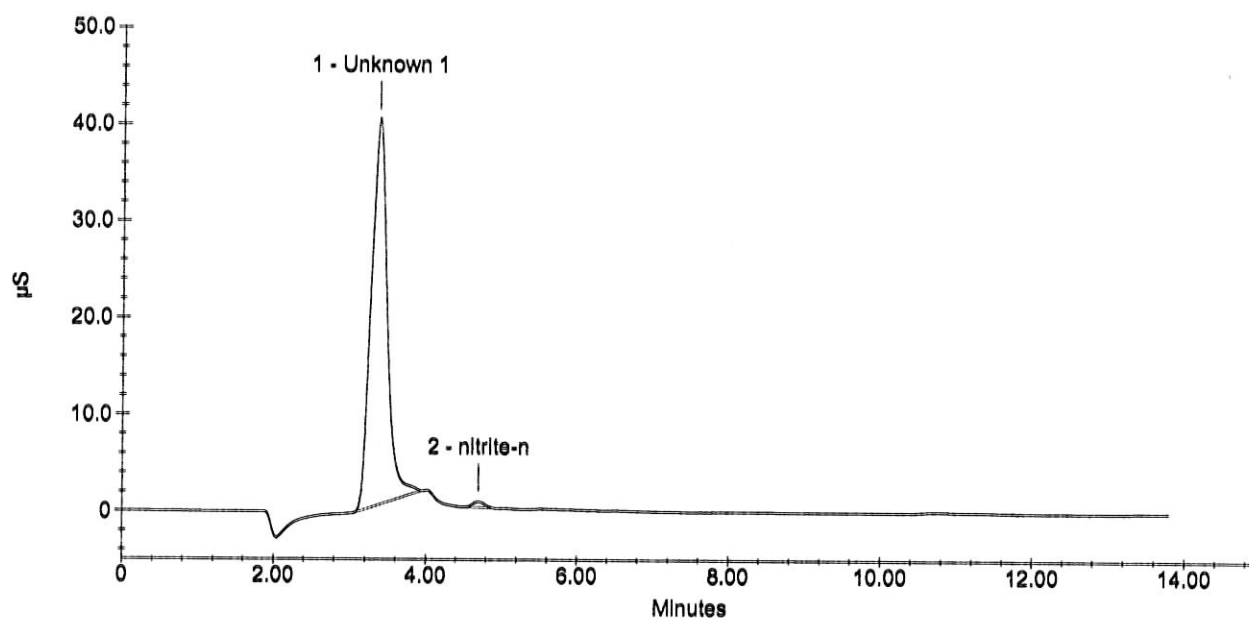
Injection Number : 11

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.36	Unknown 1	0.0000	5796332	398207	
2	4.69	nitrite-n	0.4965	61450	5886	

AY04767W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106692

Sample Collection Date: No Date Specified

APPL ID: AY04768

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04768W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_012.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/7/09 11:45:29

System Operator : PD

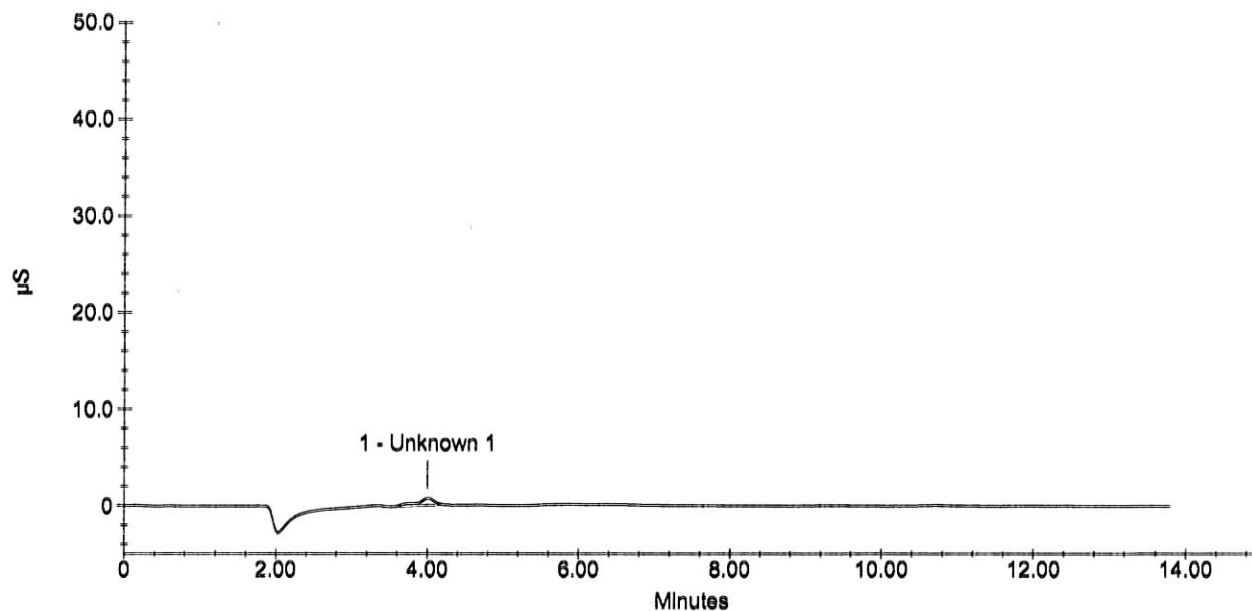
Injection Number : 12

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.00	Unknown 1	0.0000	111129	7121	

AY04768W01 1/5



Sample Analysis Report

Sample Name : AY04768W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_012.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 11:45:29

System Operator : PD

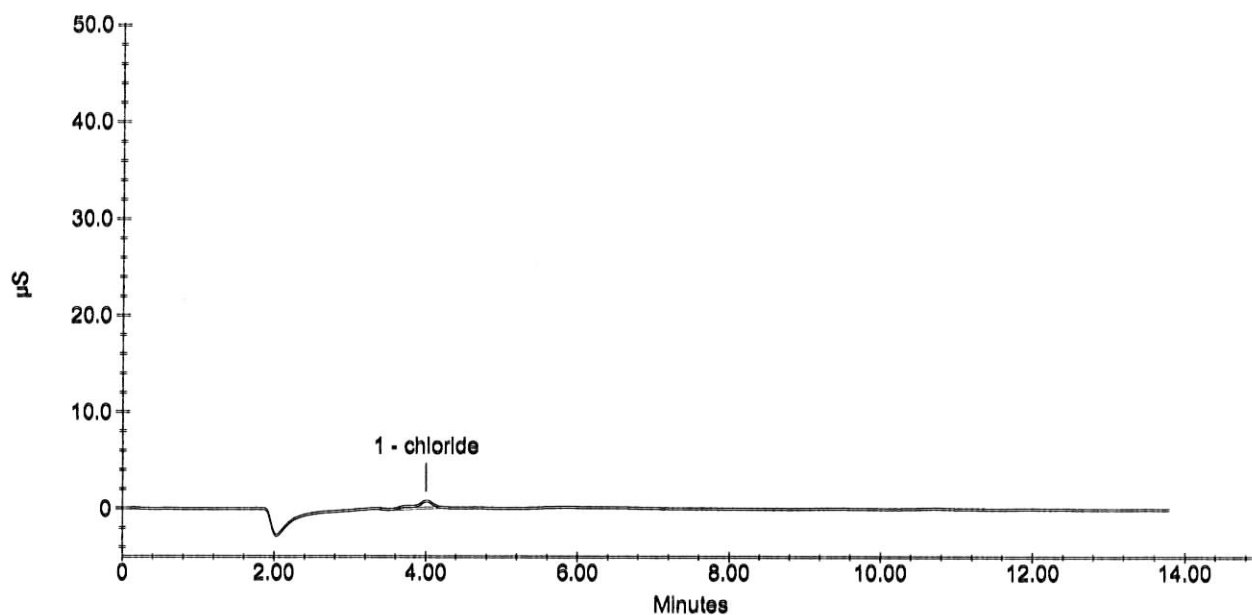
Injection Number : 12

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.00	chloride	5.6119	111129	7121	

AY04768W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106716

Sample Collection Date: No Date Specified

APPL ID: AY04769

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04769W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091007A_013.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/7/09 12:01:54

System Operator : PD

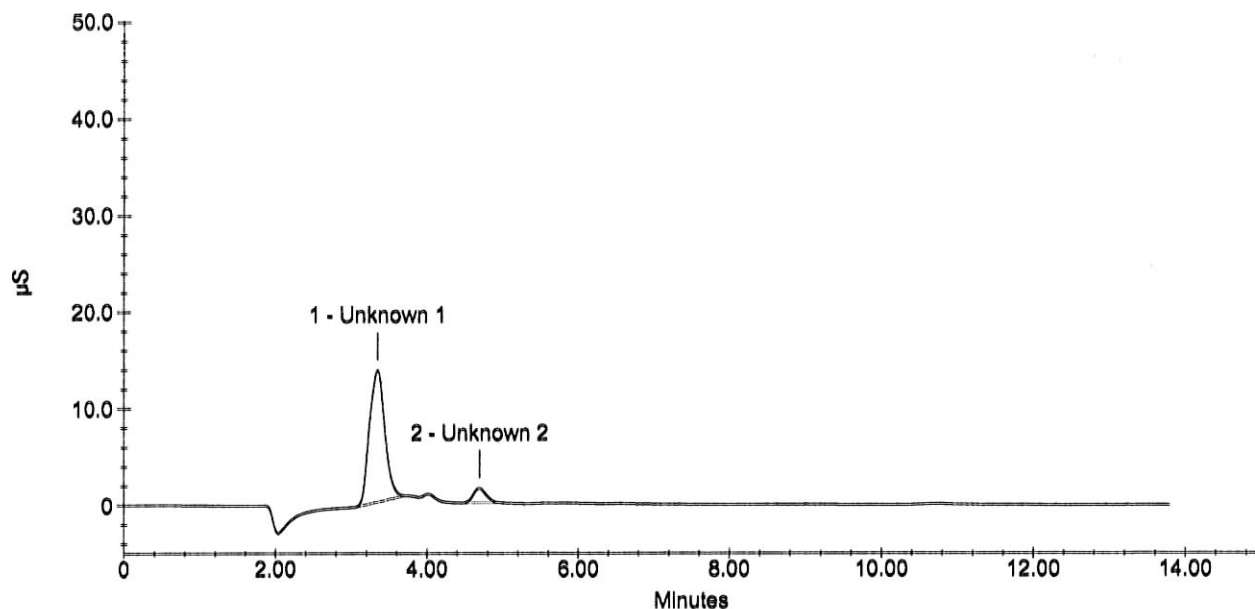
Injection Number : 13

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1902035	136017	
2	4.69	Unknown 2	0.0000	174625	15075	

AY04769W01 1/5



Sample Analysis Report

Sample Name : AY04769W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091007A_013.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 12:01:54

System Operator : PD

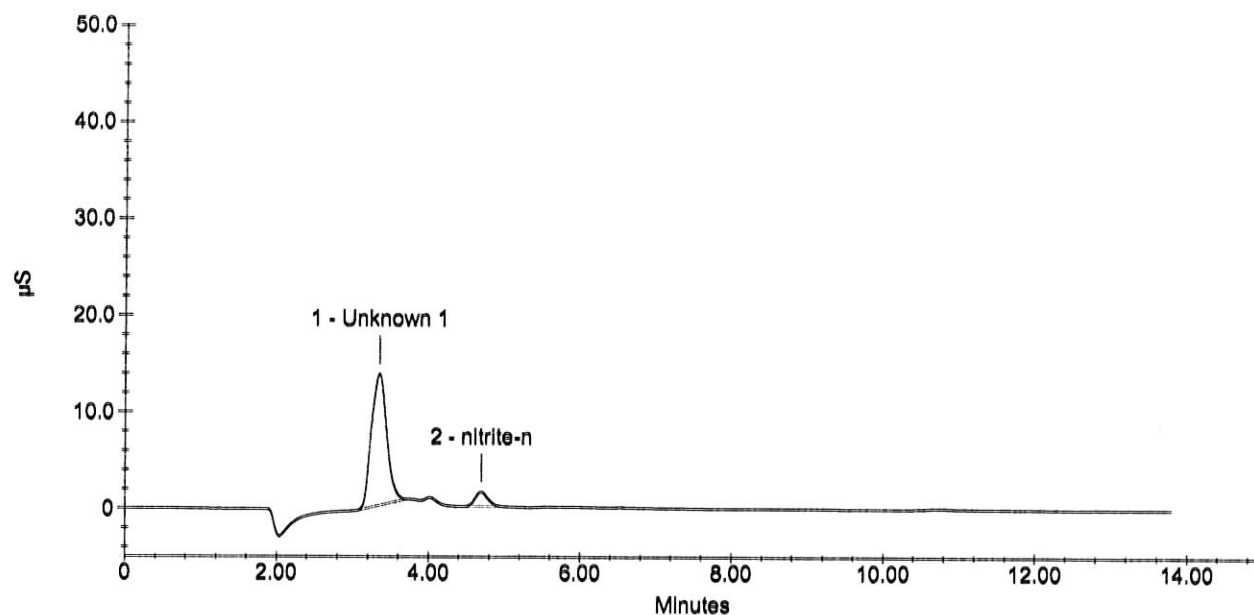
Injection Number : 13

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1902035	136017	
2	4.69	nitrite-n	0.8912	174625	15075	

AY04769W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106717

Sample Collection Date: No Date Specified

APPL ID: AY04770

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04770W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_014.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/7/09 12:18:20

System Operator : PD

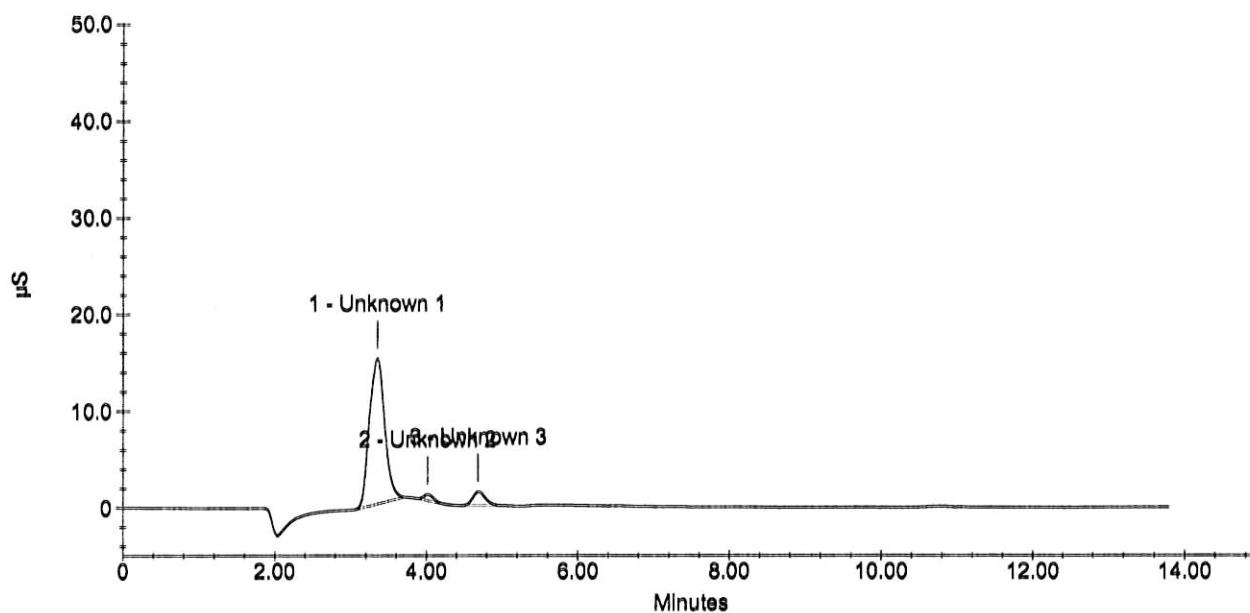
Injection Number : 14

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	2097818	149863	
2	4.01	Unknown 2	0.0000	55543	6232	
3	4.68	Unknown 3	0.0000	162487	14075	

AY04770W01 1/5



Sample Analysis Report

Sample Name : AY04770W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091007A_014.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 12:18:20

System Operator : PD

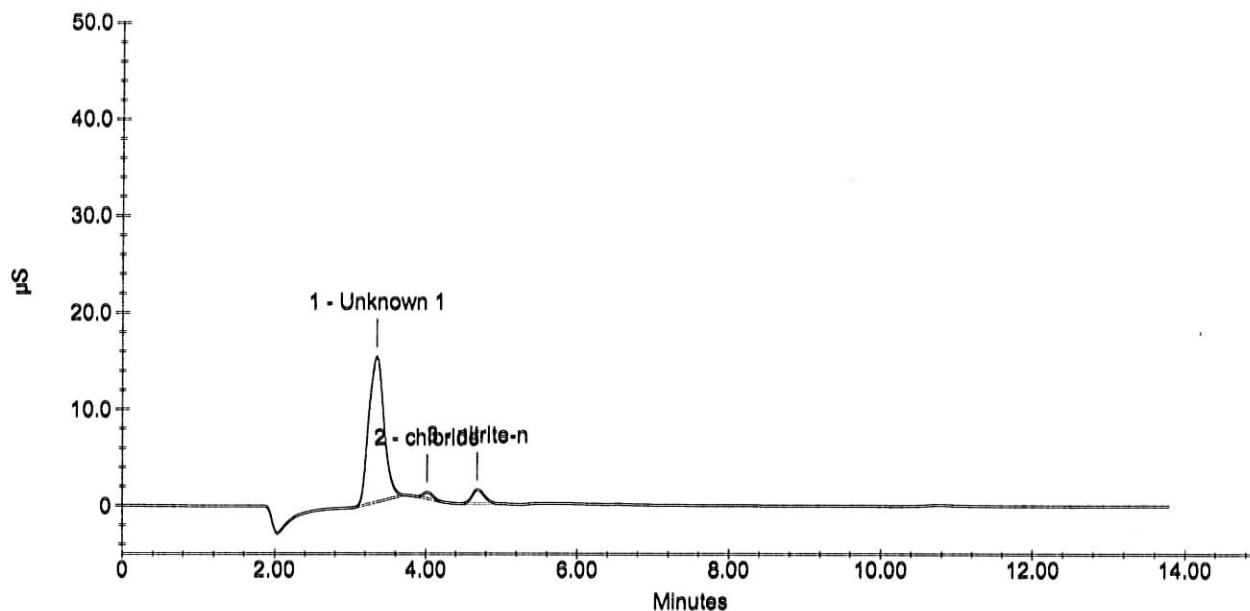
Injection Number : 14

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	2097818	149863	
2	4.01	chloride	5.2675	55543	6232	
3	4.68	nitrite-n	0.8489	162487	14075	

AY04770W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106718

Sample Collection Date: No Date Specified

APPL ID: AY04771

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04771W01 1/5

Data File Name : i:\dionex\dlanions\data\090903a\091007A_015.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/7/09 12:34:45

System Operator : PD

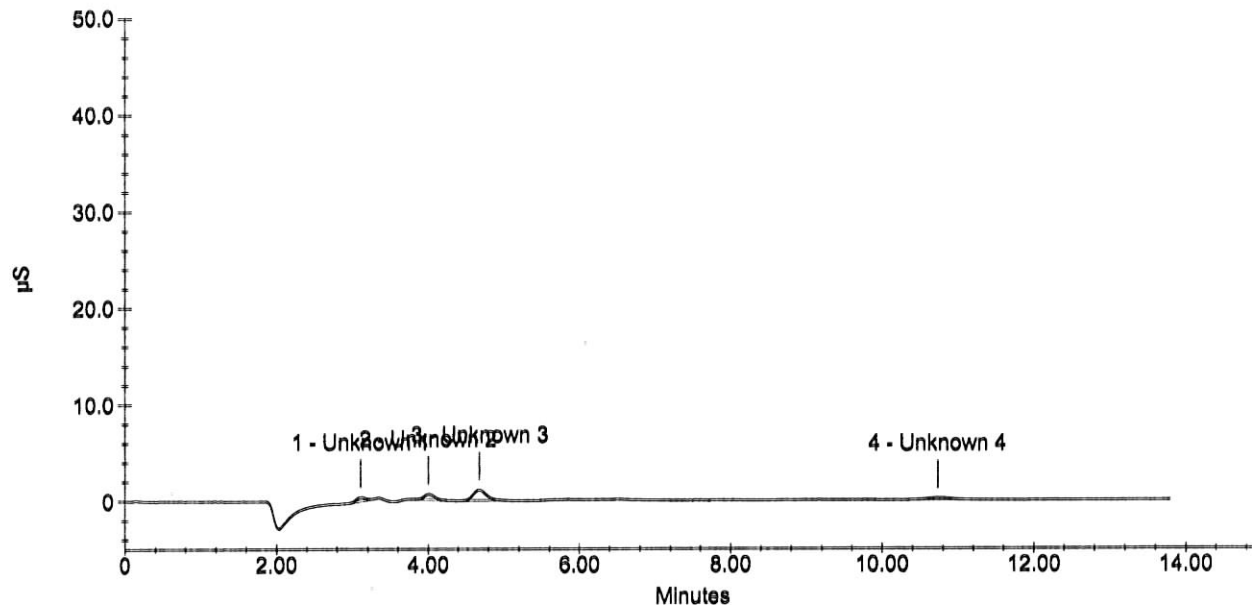
Injection Number : 15

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.11	Unknown 1	0.0000	30372	3851	
2	4.00	Unknown 2	0.0000	50539	5370	
3	4.68	Unknown 3	0.0000	123511	10568	
4	10.73	Unknown 4	0.0000	30265	1456	

AY04771W01 1/5



Sample Analysis Report

Sample Name : AY04771W01 1/5

Data File Name : i:\dionex\d1anions\data\090903a\091007A_015.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 12:34:45

System Operator : PD

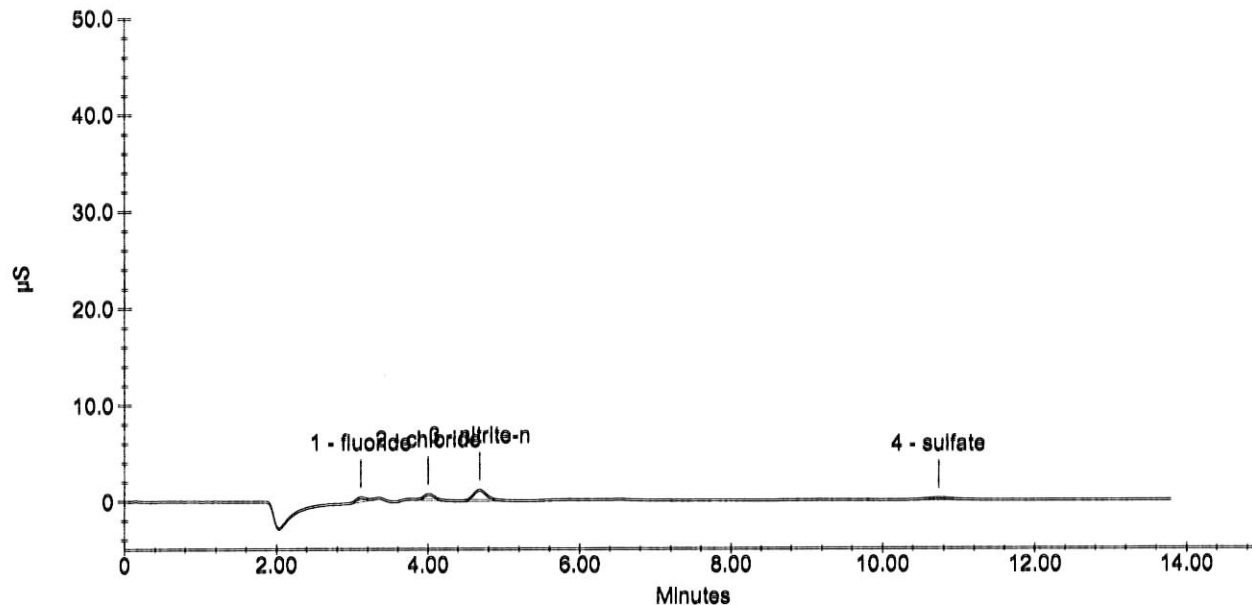
Injection Number : 15

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.11	fluoride	0.5030	30372	3851	
2	4.00	chloride	5.2365	50539	5370	
3	4.68	nitrite-n	0.7129	123511	10568	
4	10.73	sulfate	2.9413	30265	1456	

AY04771W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106719

Sample Collection Date: No Date Specified

APPL ID: AY04772

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04772W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_016.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/7/09 12:51:14

System Operator : PD

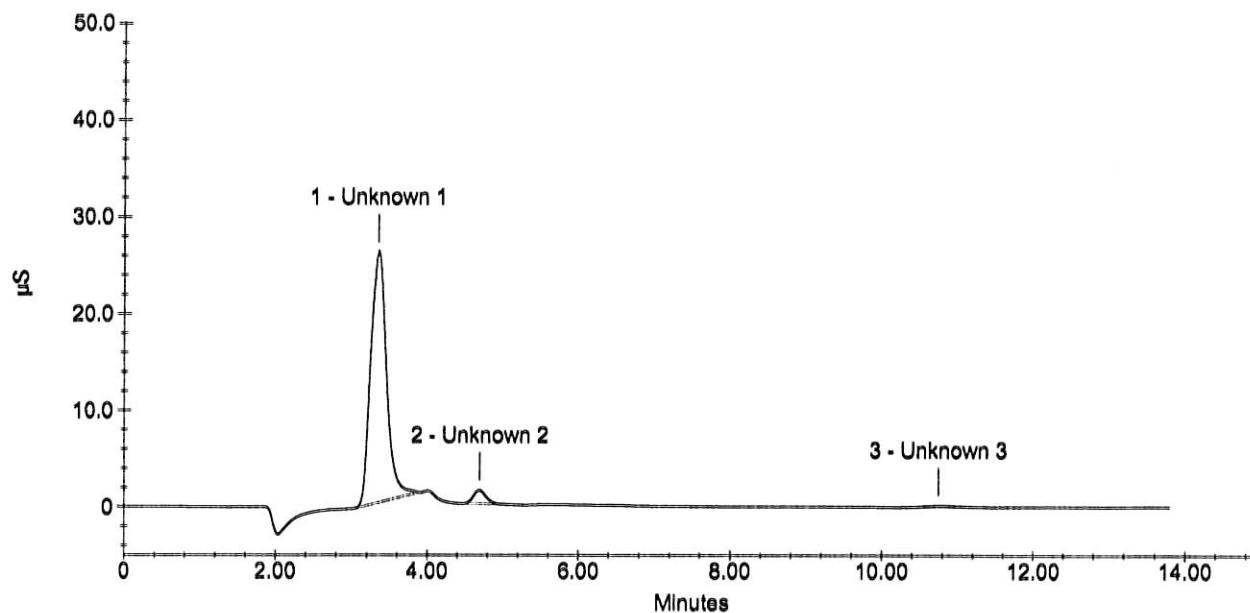
Injection Number : 16

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3767645	258624	
2	4.69	Unknown 2	0.0000	153738	13833	
3	10.75	Unknown 3	0.0000	22345	1092	

AY04772W01 1/5



Sample Analysis Report

Sample Name : AY04772W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091007A_016.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 12:51:14

System Operator : PD

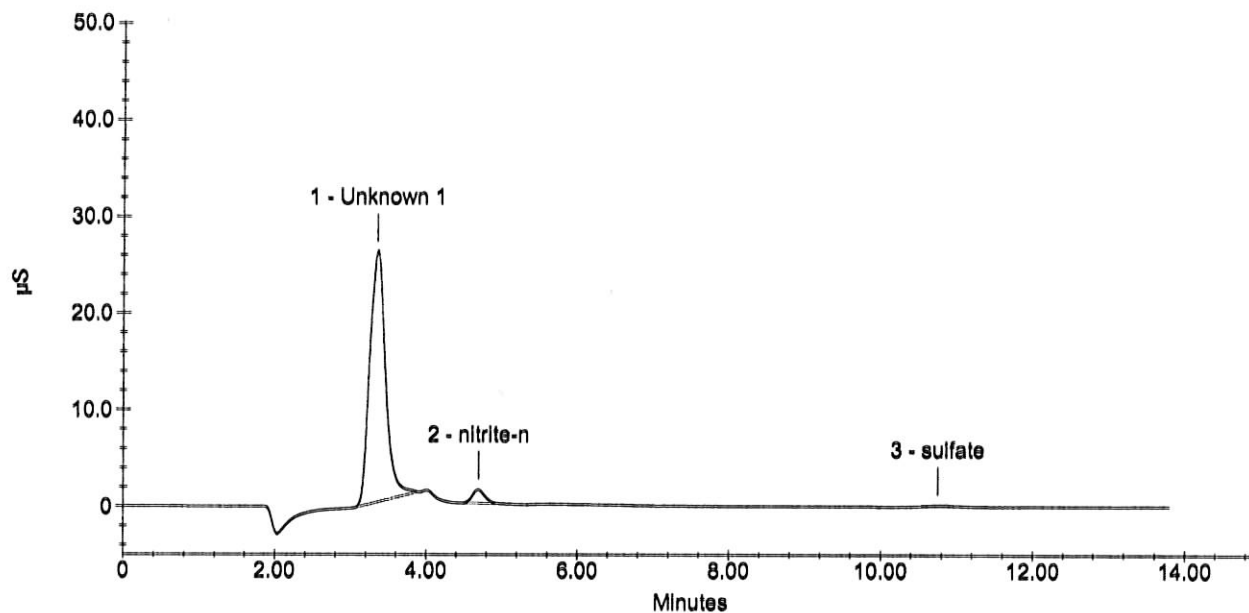
Injection Number : 16

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	3767645	258624	
2	4.69	nitrite-n	0.8183	153738	13833	
3	10.75	sulfate	2.8646	22345	1092	

AY04772W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106720

Sample Collection Date: No Date Specified

APPL ID: AY04773

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09

Sample Analysis Report

Sample Name : AY04773W01 1/5

Data File Name : I:\Dionex\D1Anions\data\091007A\091007A_017.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA_sufite 08-25-09Low.met

Date Time Collected : 10/7/09 13:07:40

System Operator : PD

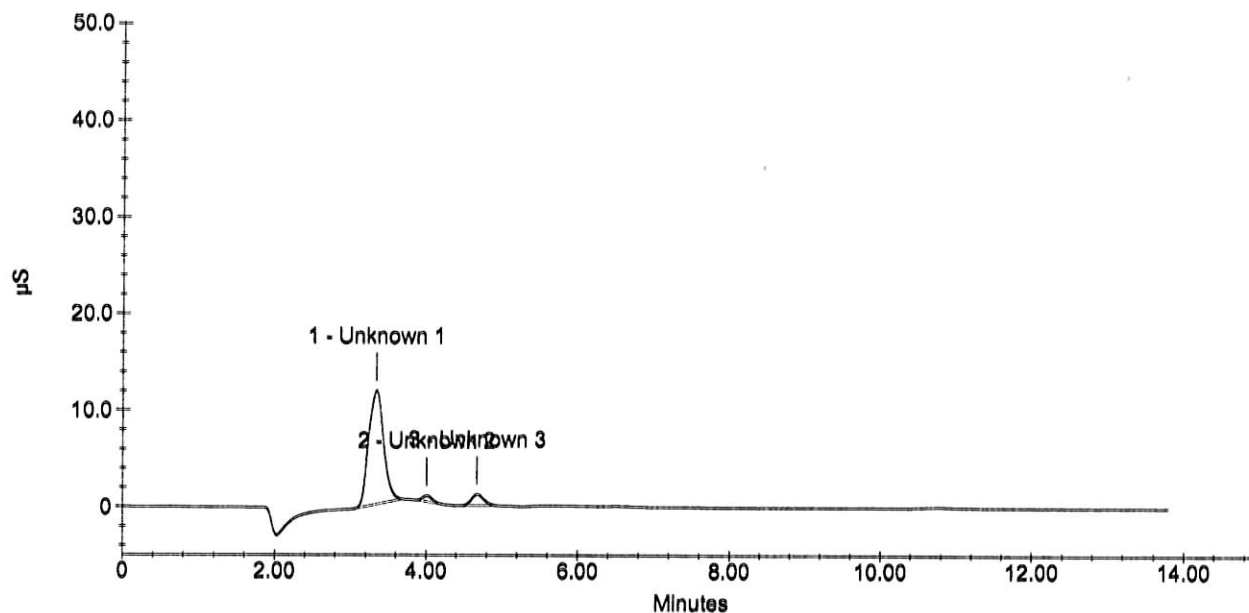
Injection Number : 17

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1617931	117186	
2	4.00	Unknown 2	0.0000	53933	6045	
3	4.67	Unknown 3	0.0000	126850	11281	

AY04773W01 1/5



Sample Analysis Report

Sample Name : AY04773W01 1/5

Data File Name : I:\Dionex\D1Anions\data\091007A\091007A_017.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 13:07:40

System Operator : PD

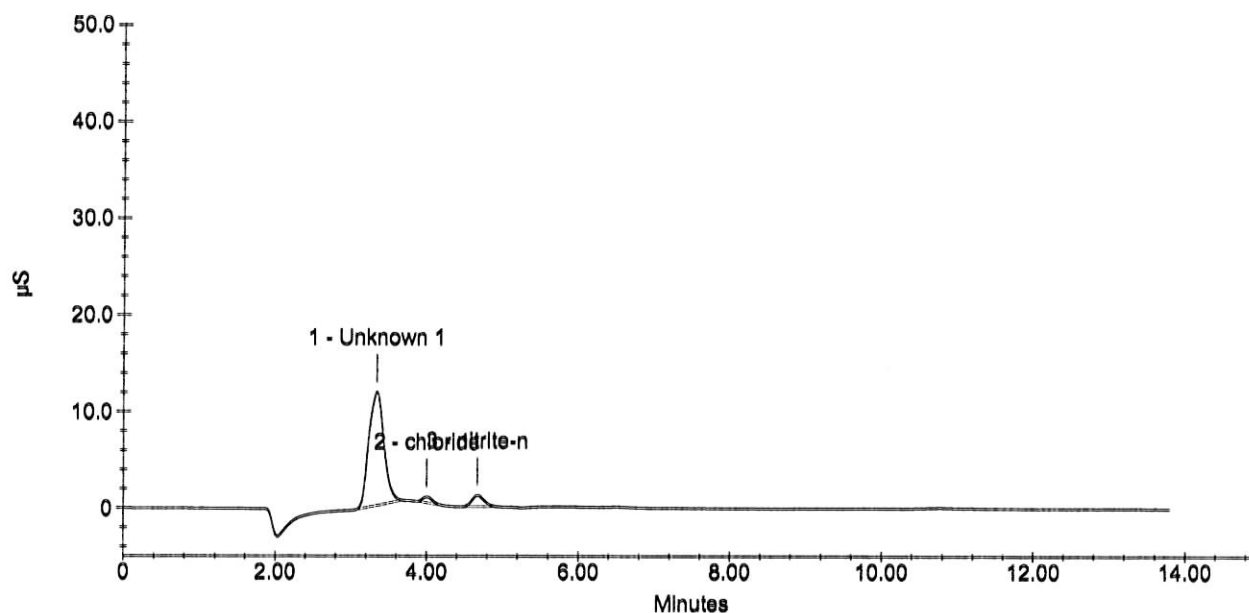
Injection Number : 17

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1617931	117186	
2	4.00	chloride	5.2575	53933	6045	
3	4.67	nitrite-n	0.7246	126850	11281	

AY04773W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106721

Sample Collection Date: No Date Specified

APPL ID: AY04774

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04774W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_107.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 14:25:26

System Operator : PD

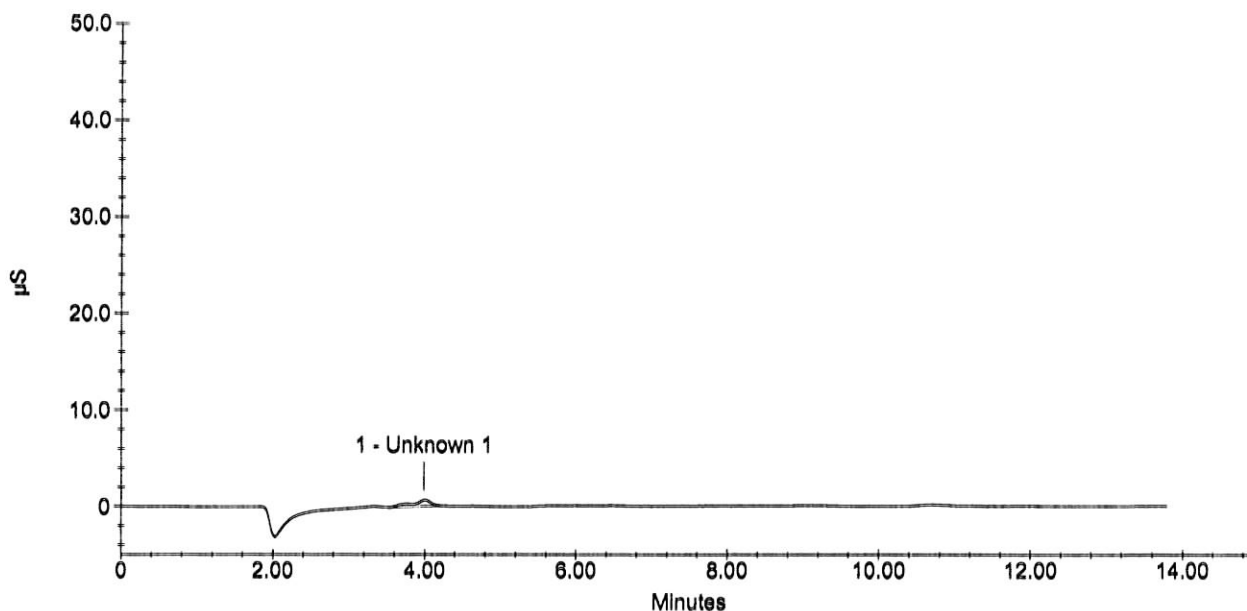
Injection Number : 107

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	Unknown 1	0.0000	107695	6410	

AY04774W01 1/5



Sample Analysis Report

Sample Name : AY04774W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_107.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 14:25:26

System Operator : PD

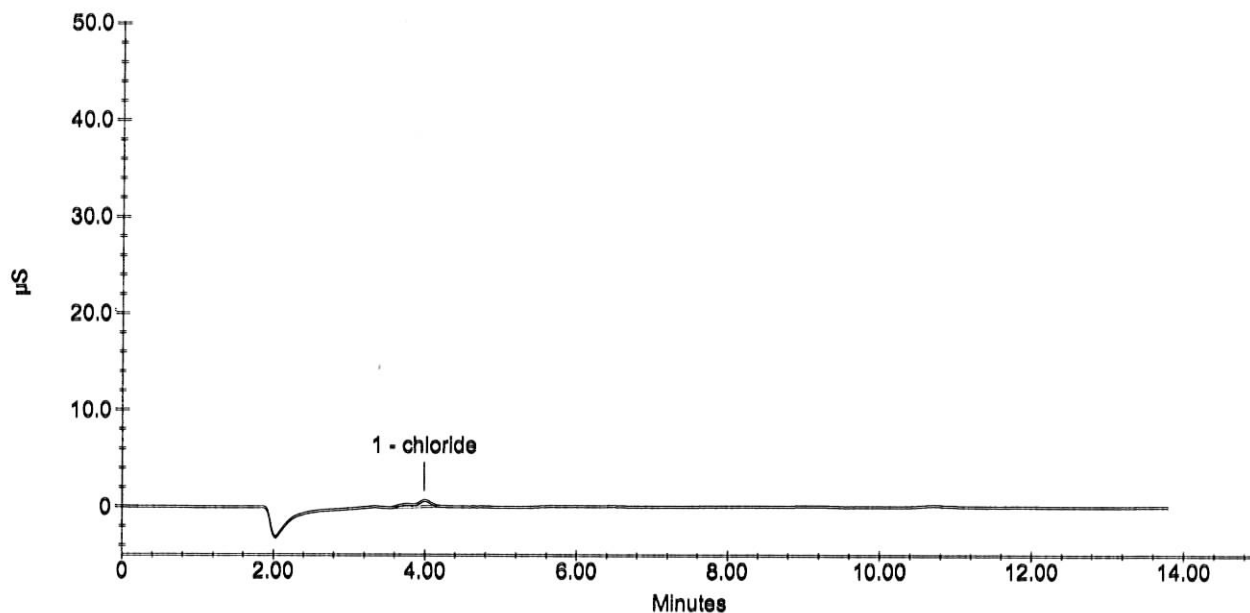
Injection Number : 107

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	chloride	5.5906	107695	6410	

AY04774W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106745

Sample Collection Date: No Date Specified

APPL ID: AY04775

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04775W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_108.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 14:41:49

System Operator : PD

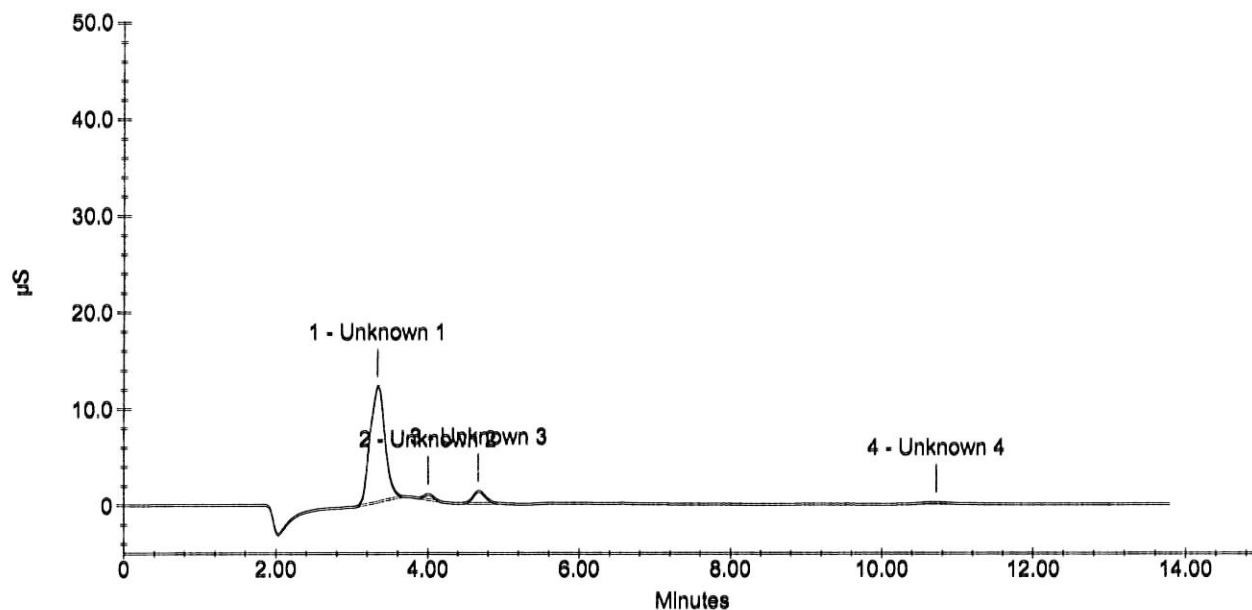
Injection Number : 108

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1613771	118792	
2	4.00	Unknown 2	0.0000	46335	5430	
3	4.67	Unknown 3	0.0000	133114	12033	
4	10.72	Unknown 4	0.0000	21066	1167	

AY04775W01 1/5



Sample Analysis Report

Sample Name : AY04775W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_108.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 14:41:49

System Operator : PD

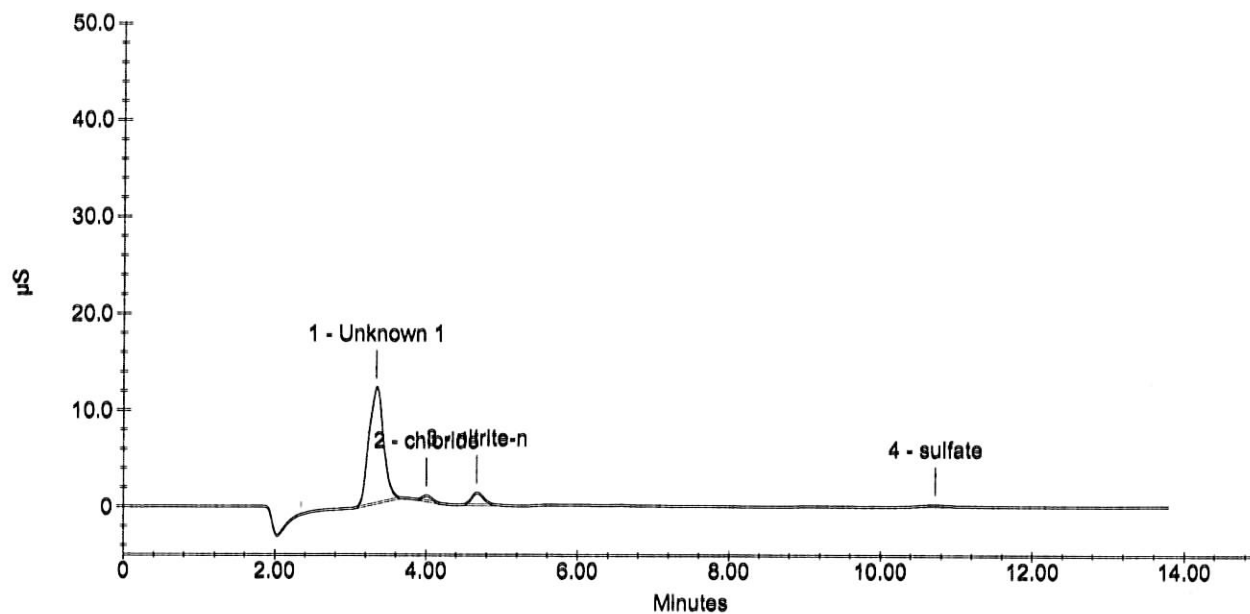
Injection Number : 108

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1613771	118792	
2	4.00	chloride	5.2104	46335	5430	
3	4.67	nitrite-n	0.7464	133114	12033	
4	10.72	sulfate	2.8523	21066	1167	

AY04775W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106746

Sample Collection Date: No Date Specified

APPL ID: AY04776

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04776W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_109.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 14:58:18

System Operator : PD

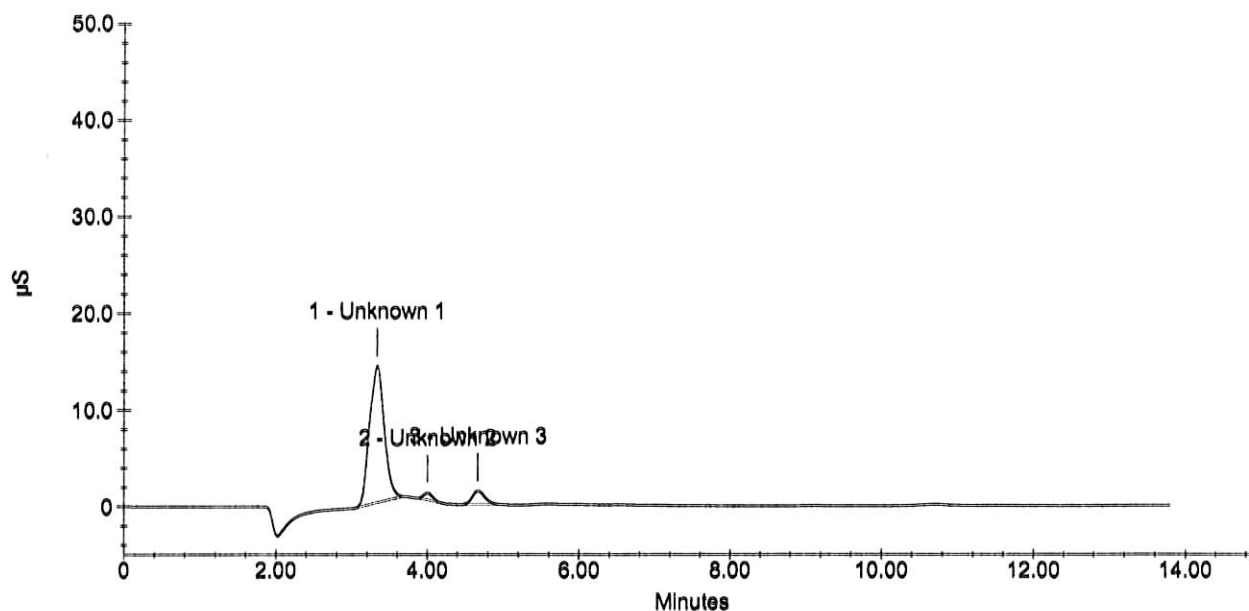
Injection Number : 109

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1907035	140681	
2	4.00	Unknown 2	0.0000	59725	7078	
3	4.67	Unknown 3	0.0000	155138	13777	

AY04776W01 1/5



Sample Analysis Report

Sample Name : AY04776W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_109.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 14:58:18

System Operator : PD

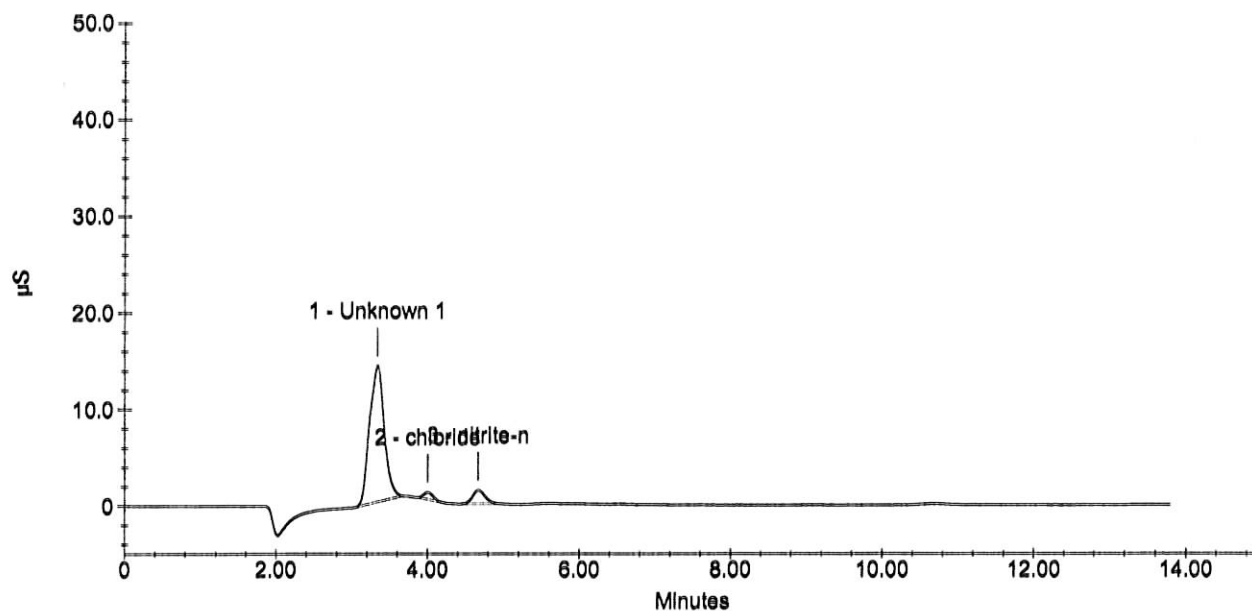
Injection Number : 109

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1907035	140681	
2	4.00	chloride	5.2934	59725	7078	
3	4.67	nitrite-n	0.8232	155138	13777	

AY04776W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106747

Sample Collection Date: No Date Specified

APPL ID: AY04777

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04777W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_110.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/8/09 15:14:43

System Operator : PD

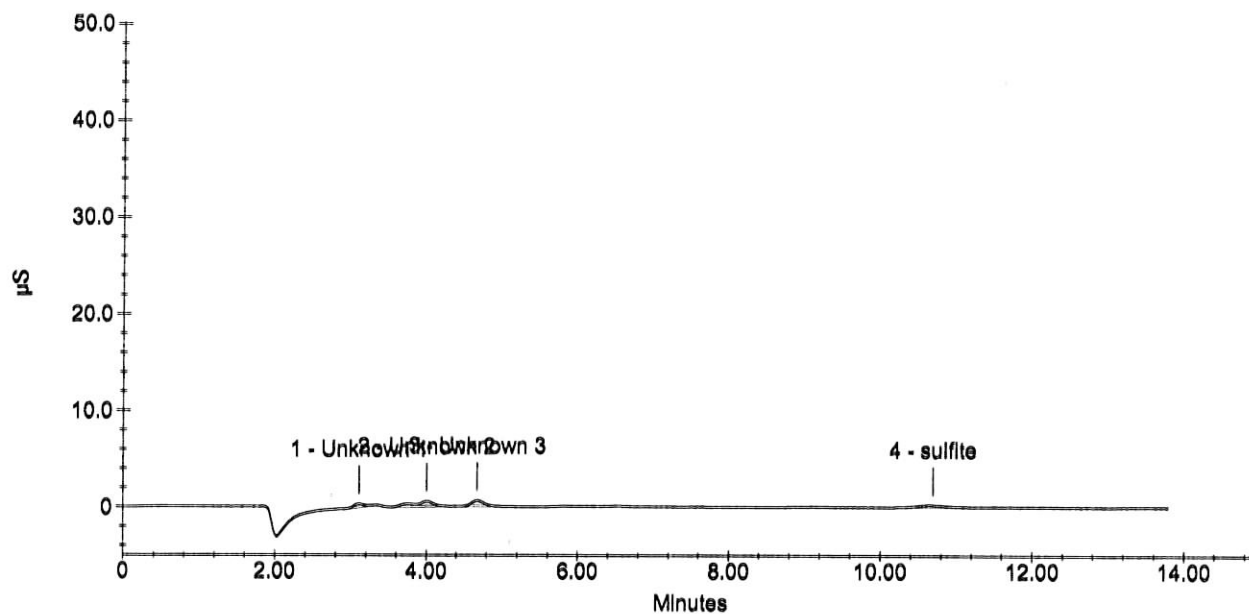
Injection Number : 110

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.11	Unknown 1	0.0000	26143	3108	
2	4.00	Unknown 2	0.0000	93017	5074	
3	4.67	Unknown 3	0.0000	59155	5466	
4	10.69	sulfite	0.2784	31041	1560	-

AY04777W01 1/5



Sample Analysis Report

Sample Name : AY04777W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_110.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 15:14:43

System Operator : PD

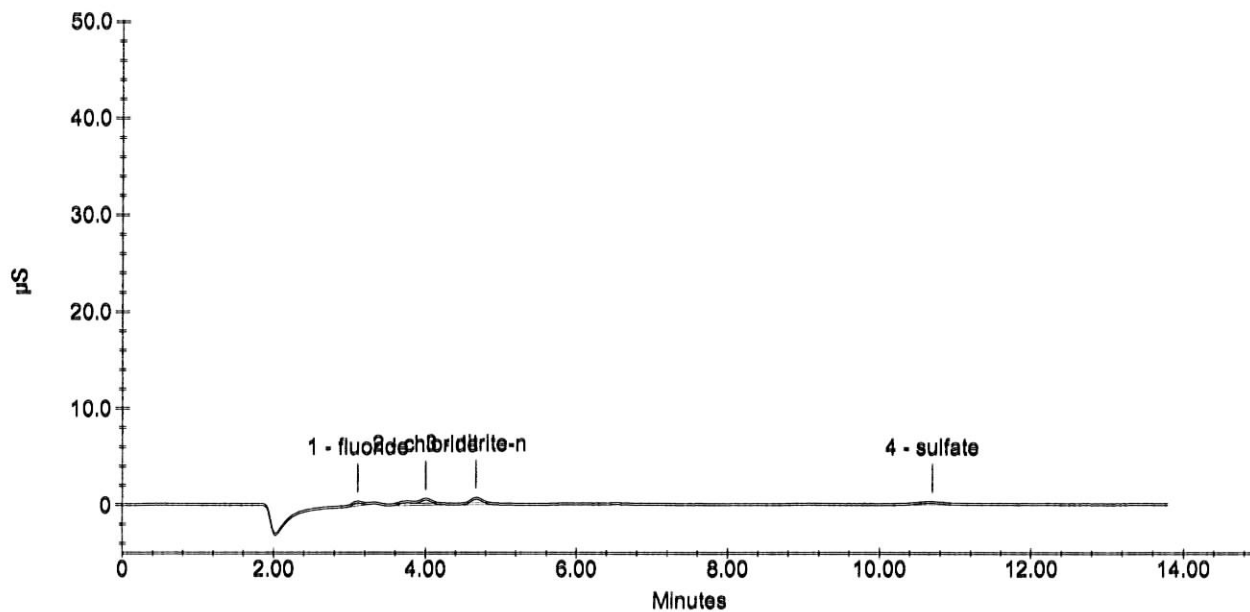
Injection Number : 110

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.11	fluoride	0.4830	26143	3108	
2	4.00	chloride	5.4997	93017	5074	
3	4.67	nitrite-n	0.4885	59155	5466	
4	10.69	sulfate	2.9488	31041	1560	

AY04777W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106748

Sample Collection Date: No Date Specified

APPL ID: AY04778

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04778w01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_111.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 15:31:11

System Operator : PD

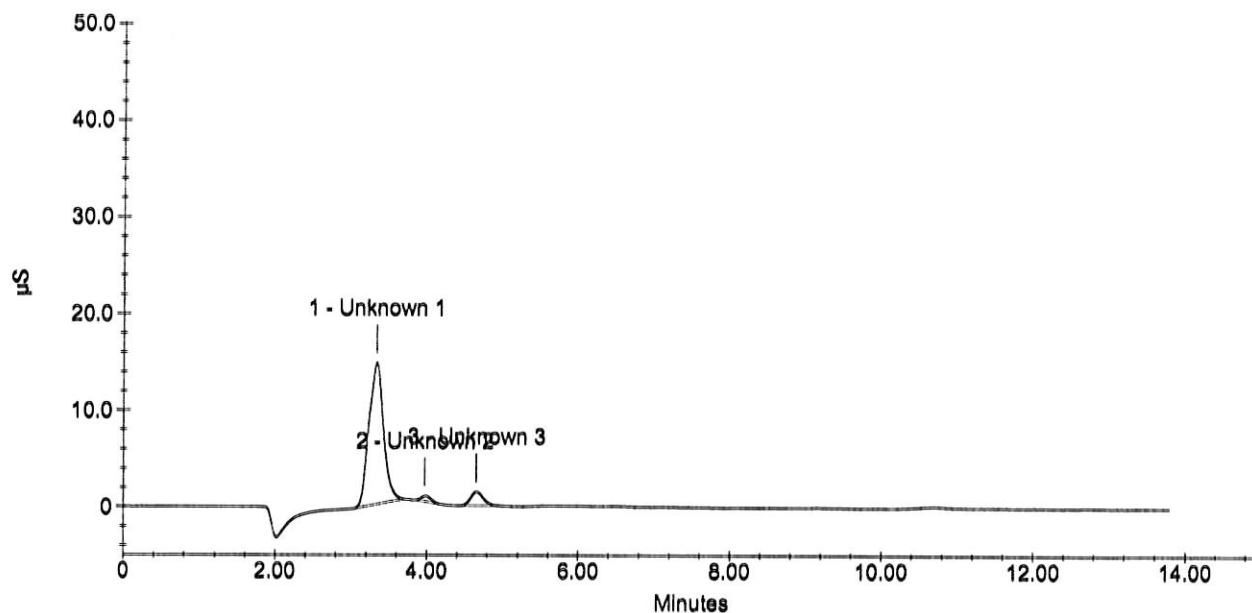
Injection Number : 111

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1961099	146119	
2	3.97	Unknown 2	0.0000	49948	5560	
3	4.65	Unknown 3	0.0000	163510	14277	

AY04778w01 1/5



Sample Analysis Report

Sample Name : AY04778w01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_111.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 15:31:11

System Operator : PD

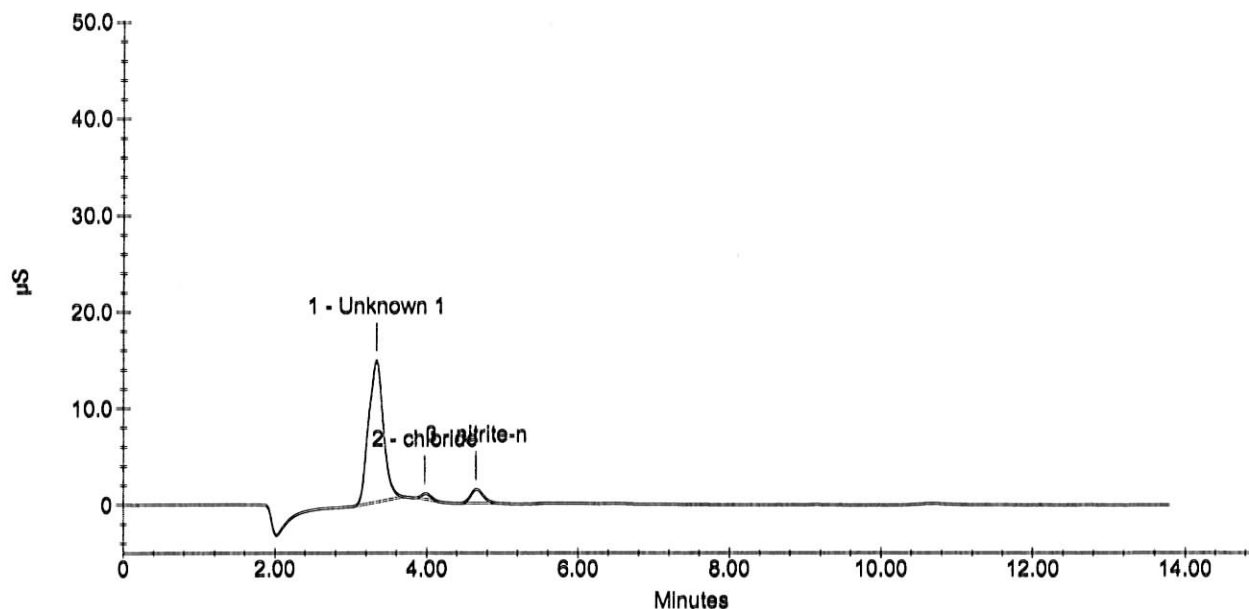
Injection Number : 111

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1961099	146119	
2	3.97	chloride	5.2328	49948	5560	
3	4.65	nitrite-n	0.8524	163510	14277	

AY04778w01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106749

Sample Collection Date: No Date Specified

APPL ID: AY04779

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04779W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_112.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 15:47:36

System Operator : PD

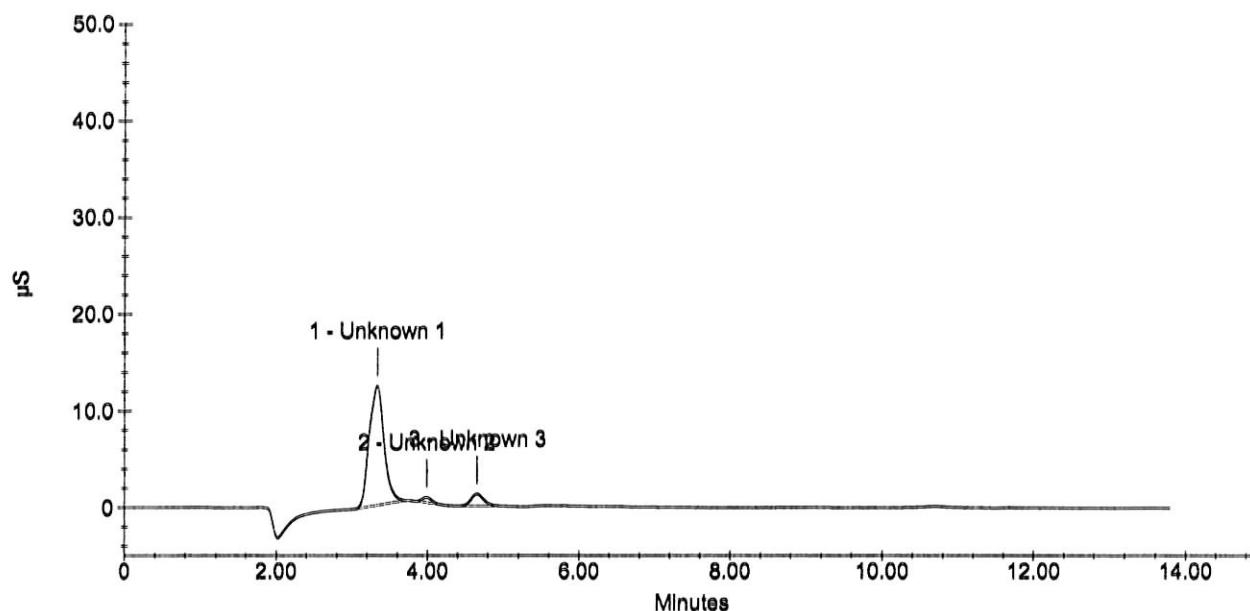
Injection Number : 112

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1676631	123087	
2	3.99	Unknown 2	0.0000	44468	5199	
3	4.65	Unknown 3	0.0000	140666	12178	

AY04779W01 1/5



Sample Analysis Report

Sample Name : AY04779W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_112.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 15:47:36

System Operator : PD

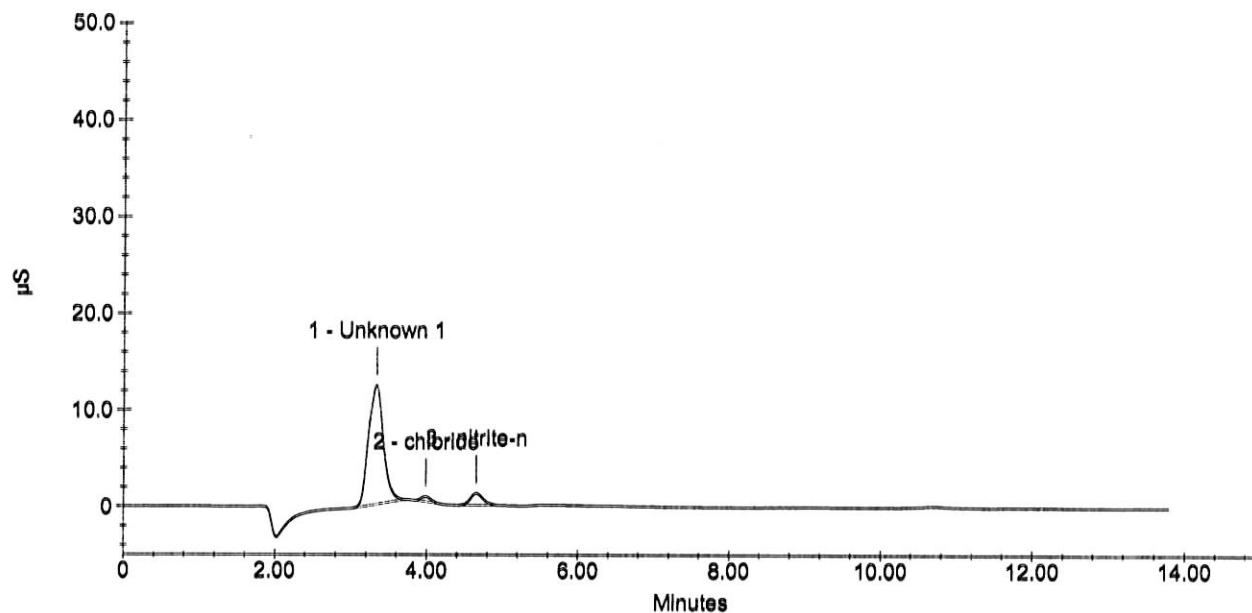
Injection Number : 112

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1676631	123087	
2	3.99	chloride	5.1989	44468	5199	
3	4.65	nitrite-n	0.7728	140666	12178	

AY04779W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106750

Sample Collection Date: No Date Specified

APPL ID: AY04780

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04780W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_113.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 16:04:02

System Operator : PD

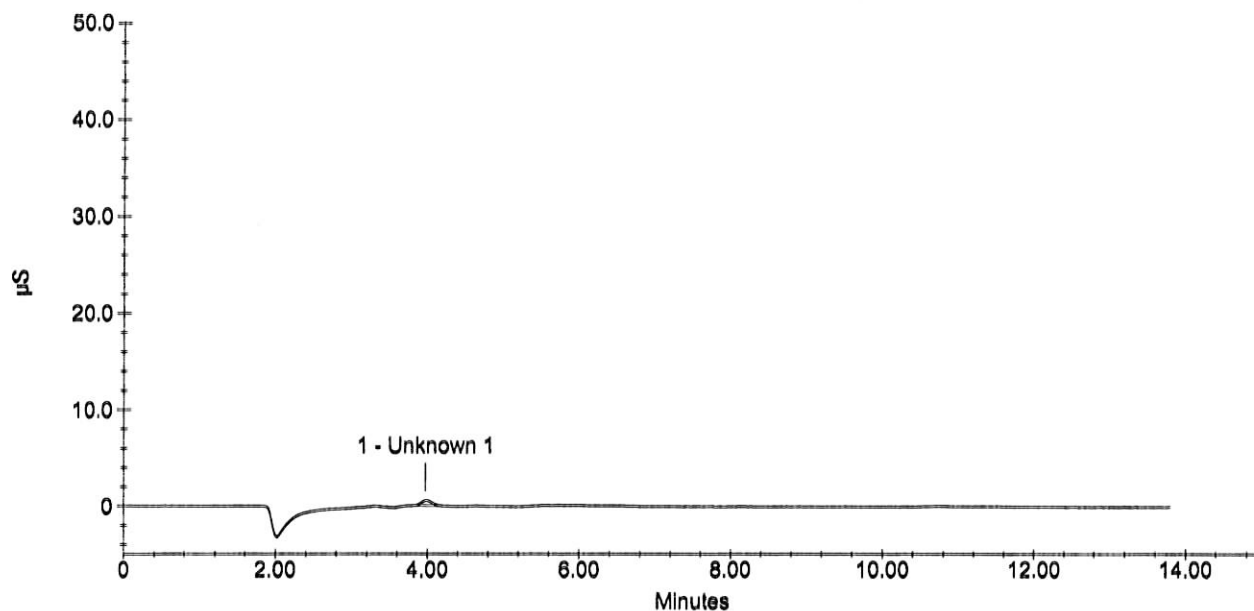
Injection Number : 113

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	Unknown 1	0.0000	48277	5170	

AY04780W01 1/5



Sample Analysis Report

Sample Name : AY04780W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_113.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 16:04:02

System Operator : PD

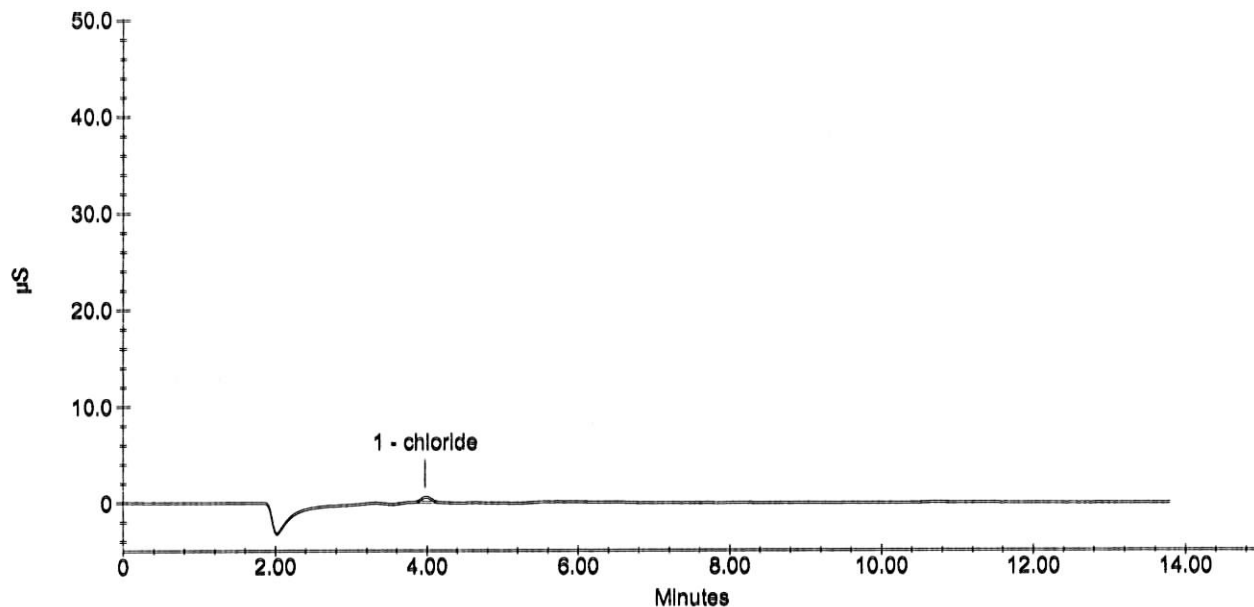
Injection Number : 113

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	chloride	5.2225	48277	5170	

AY04780W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106774

Sample Collection Date: No Date Specified

APPL ID: AY04781

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04781W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_114.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 16:20:26

System Operator : PD

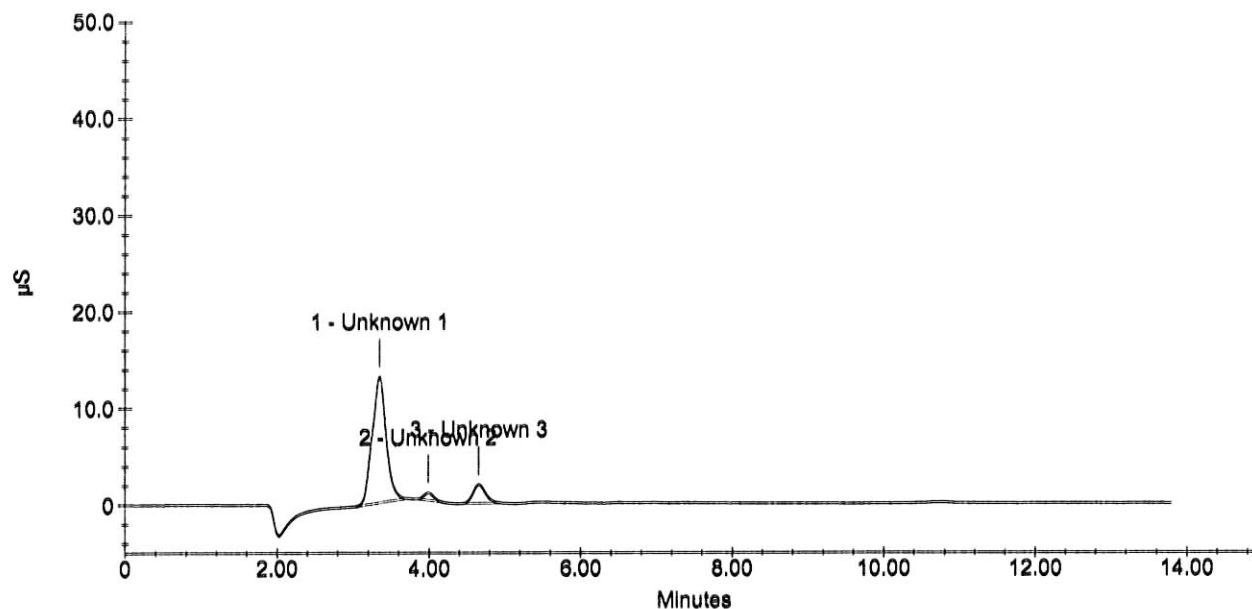
Injection Number : 114

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1647440	129884	
2	3.99	Unknown 2	0.0000	64417	7509	
3	4.65	Unknown 3	0.0000	217626	19048	

AY04781W01 1/5



Sample Analysis Report

Sample Name : AY04781W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_114.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 16:20:26

System Operator : PD

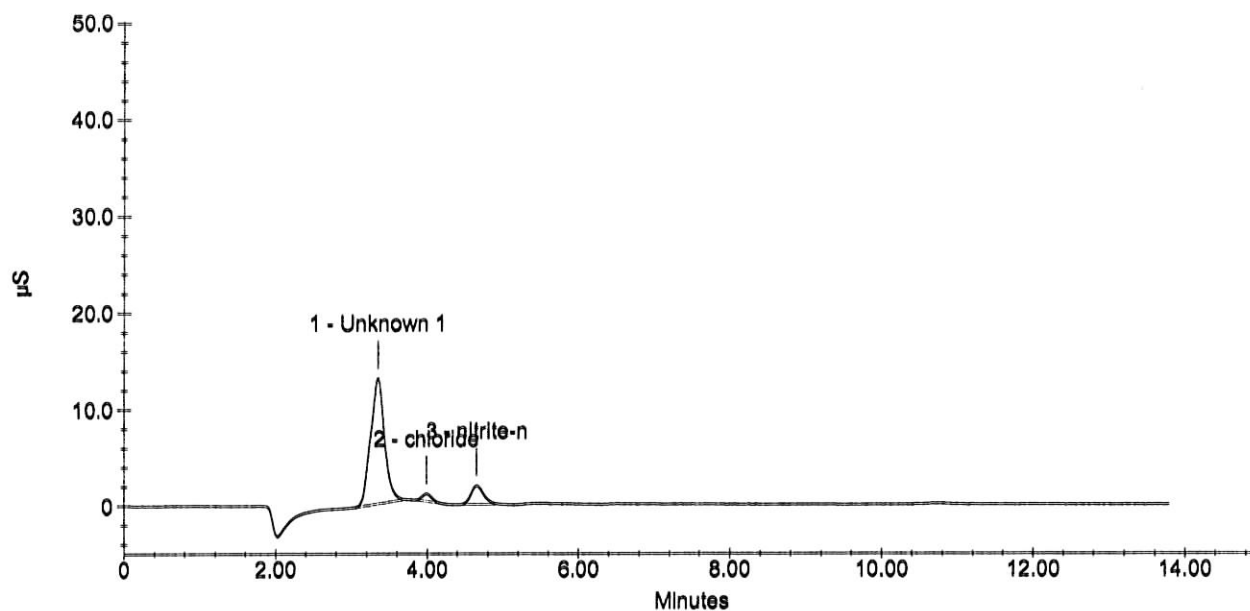
Injection Number : 114

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	1647440	129884	
2	3.99	chloride	5.3225	64417	7509	
3	4.65	nitrite-n	1.0412	217626	19048	

AY04781W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106775

Sample Collection Date: No Date Specified

APPL ID: AY04782

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04782W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_115.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 16:36:51

System Operator : PD

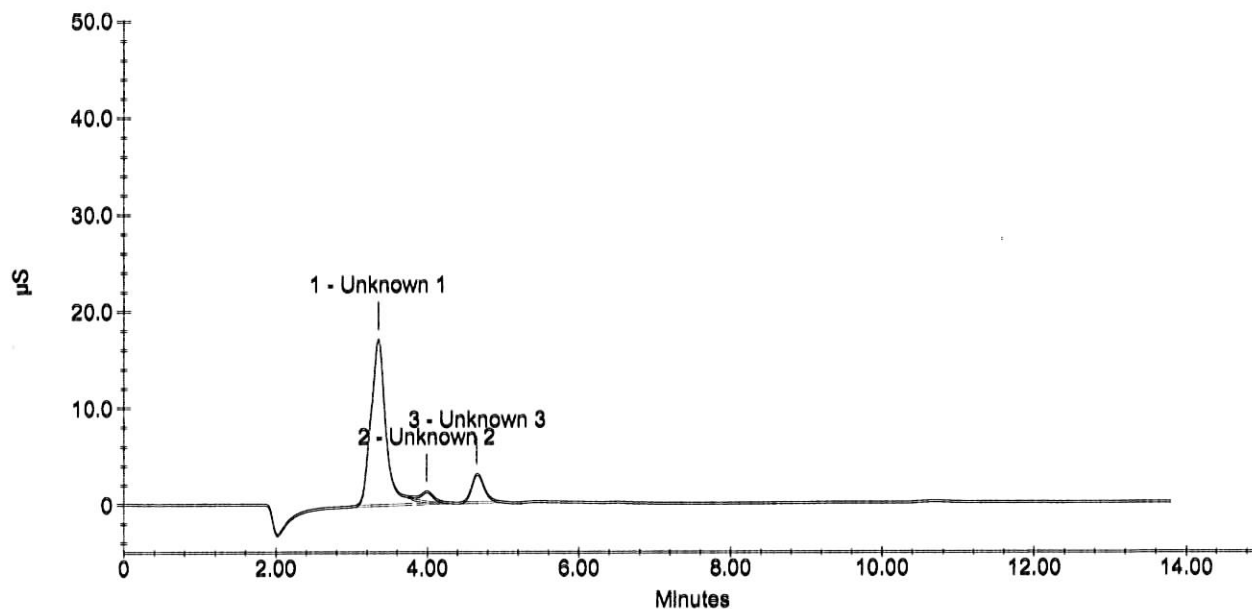
Injection Number : 115

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	2384070	171255	
2	3.99	Unknown 2	0.0000	123015	10500	
3	4.65	Unknown 3	0.0000	336147	28893	

AY04782W01 1/5



Sample Analysis Report

Sample Name : AY04782W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_115.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 16:36:51

System Operator : PD

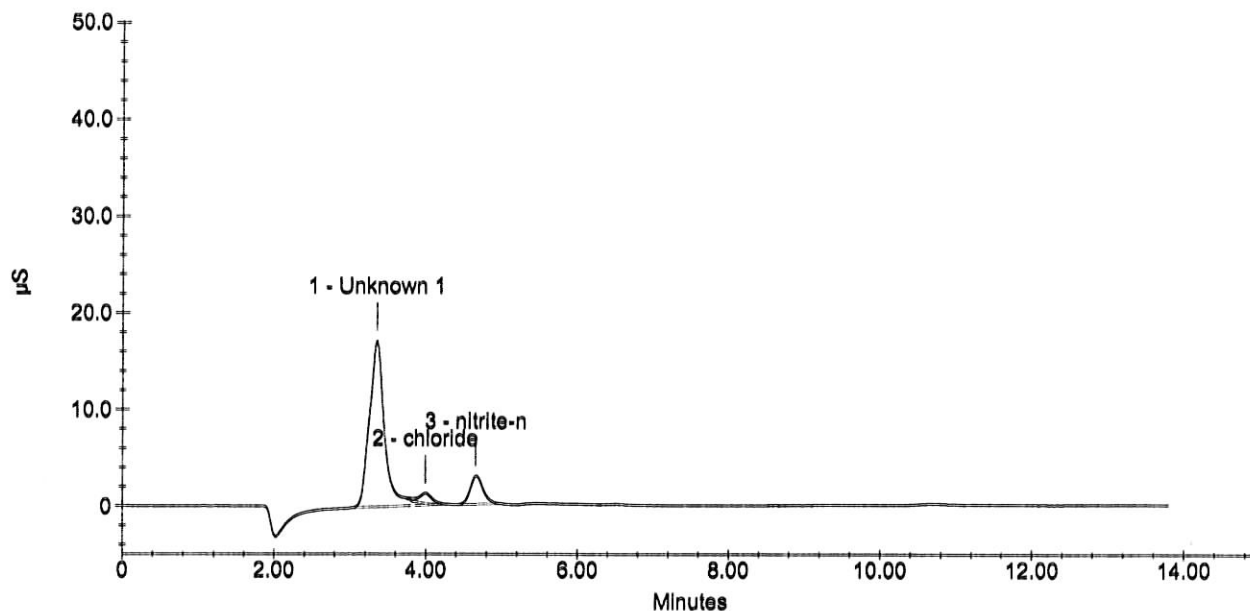
Injection Number : 115

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	2384070	171255	
2	3.99	chloride	5.6856	123015	10500	
3	4.65	nitrite-n	1.4545	336147	28893	

AY04782W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106776

Sample Collection Date: No Date Specified

APPL ID: AY04783

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04783W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_120.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 17:58:24

System Operator : PD

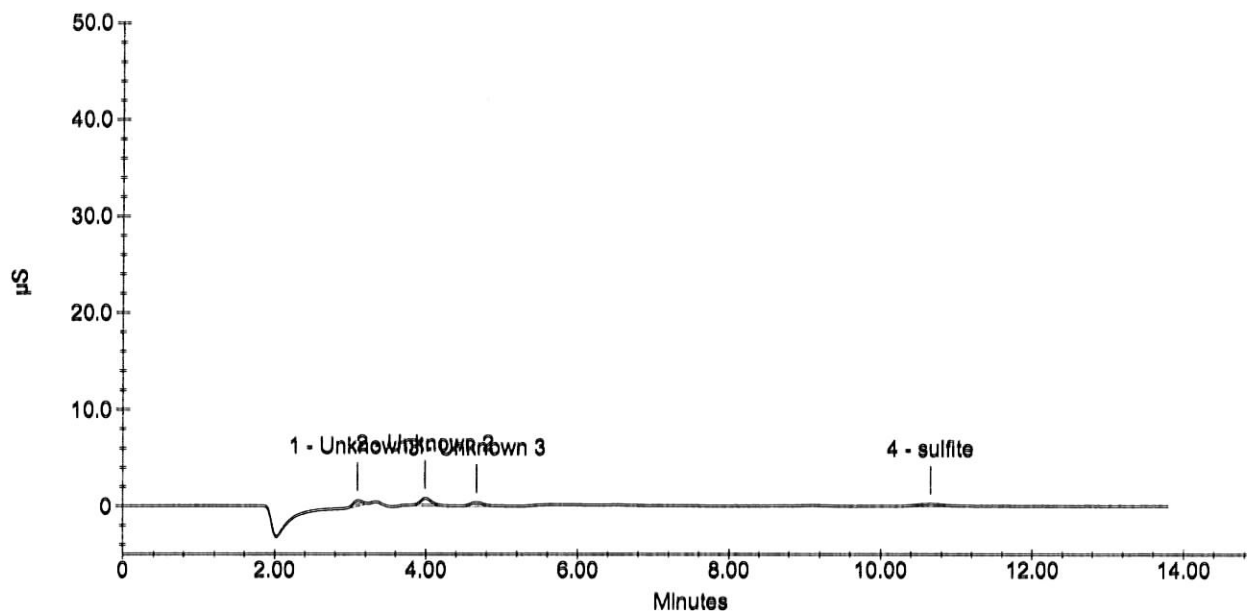
Injection Number : 120

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.09	Unknown 1	0.0000	35169	4921	
2	3.99	Unknown 2	0.0000	64851	6786	
3	4.67	Unknown 3	0.0000	34380	3225	
4	10.65	sulfite	0.4063	37243	1769	-

AY04783W01 1/5



Sample Analysis Report

Sample Name : AY04783W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_120.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 17:58:24

System Operator : PD

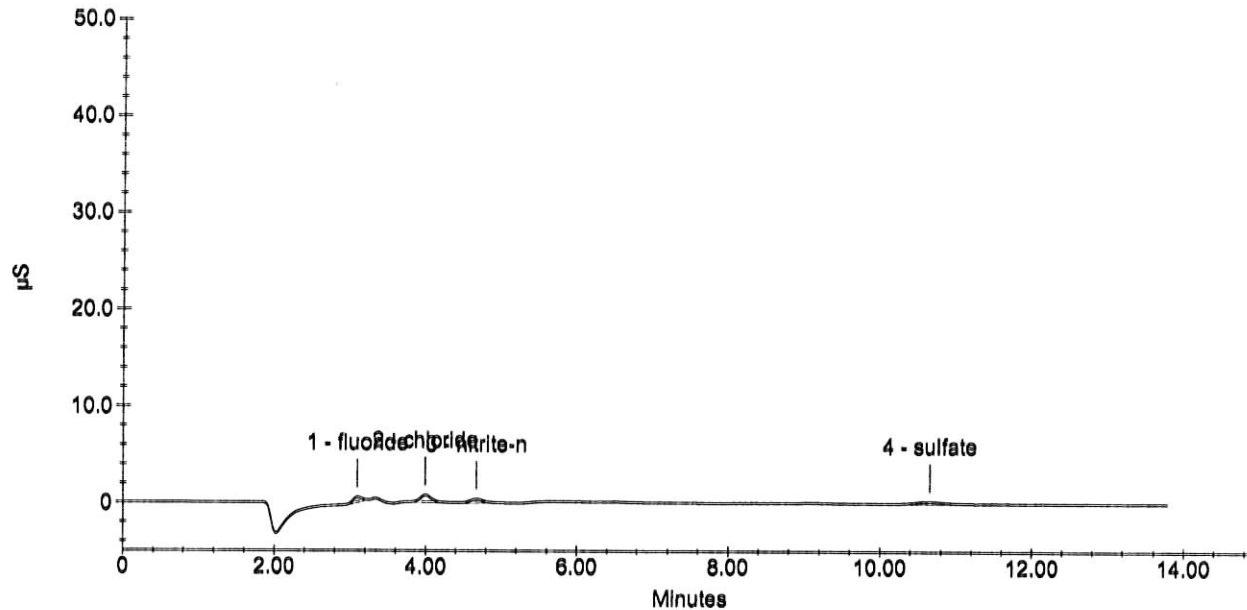
Injection Number : 120

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.09	fluoride	0.5257	35169	4921	
2	3.99	chloride	5.3252	64851	6786	
3	4.67	nitrite-n	0.4021	34380	3225	
4	10.65	sulfate	3.0088	37243	1769	

AY04783W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106777

Sample Collection Date: No Date Specified

APPL ID: AY04784

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04784W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_121.DXD

Method File Name : I:\DIONEX\DIANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/8/09 18:14:51

System Operator : PD

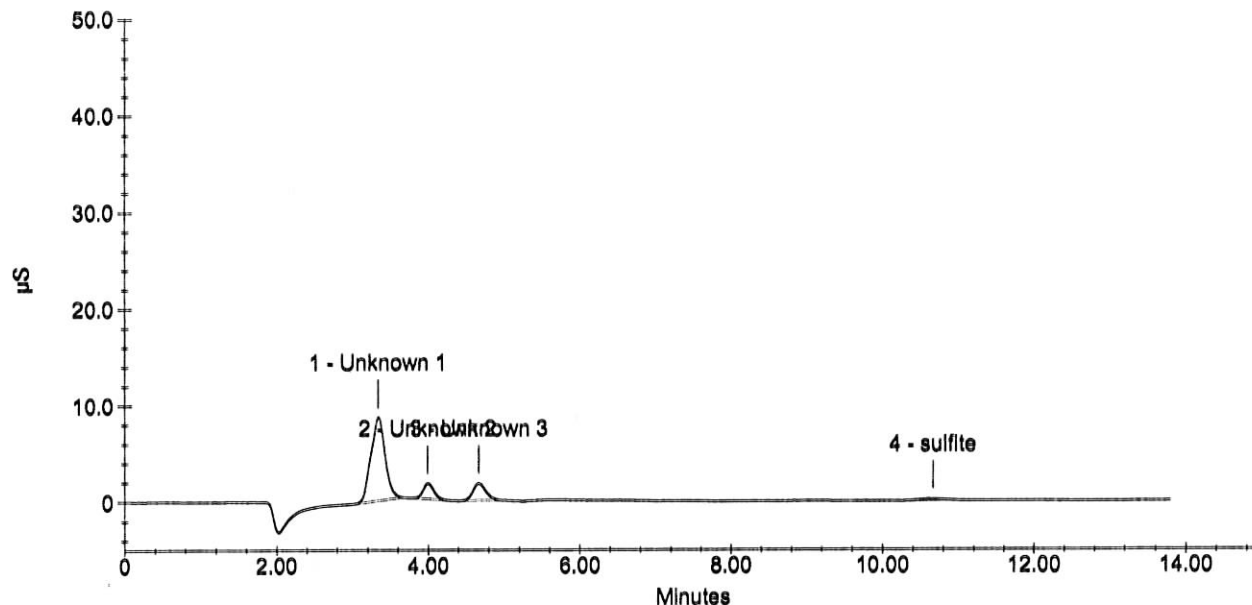
Injection Number : 121

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1110467	85825	
2	3.99	Unknown 2	0.0000	152540	15595	
3	4.67	Unknown 3	0.0000	201612	17447	
4	10.67	sulfite	0.0477	19850	1093	-

AY04784W01 1/5



Sample Analysis Report

Sample Name : AY04784W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_121.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 18:14:51

System Operator : PD

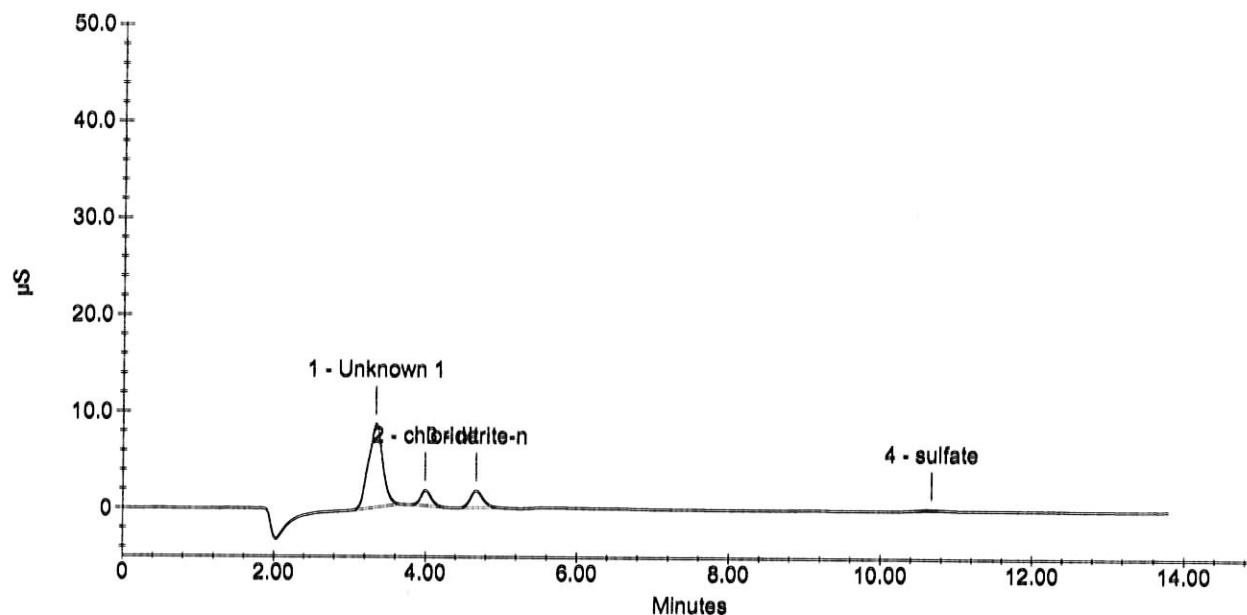
Injection Number : 121

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1110467	85825	
2	3.99	chloride	5.8685	152540	15595	
3	4.67	nitrite-n	0.9853	201612	17447	
4	10.67	sulfate	2.8405	19850	1093	

AY04784W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106778

Sample Collection Date: No Date Specified

APPL ID: AY04785

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04785W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_122.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 18:31:19

System Operator : PD

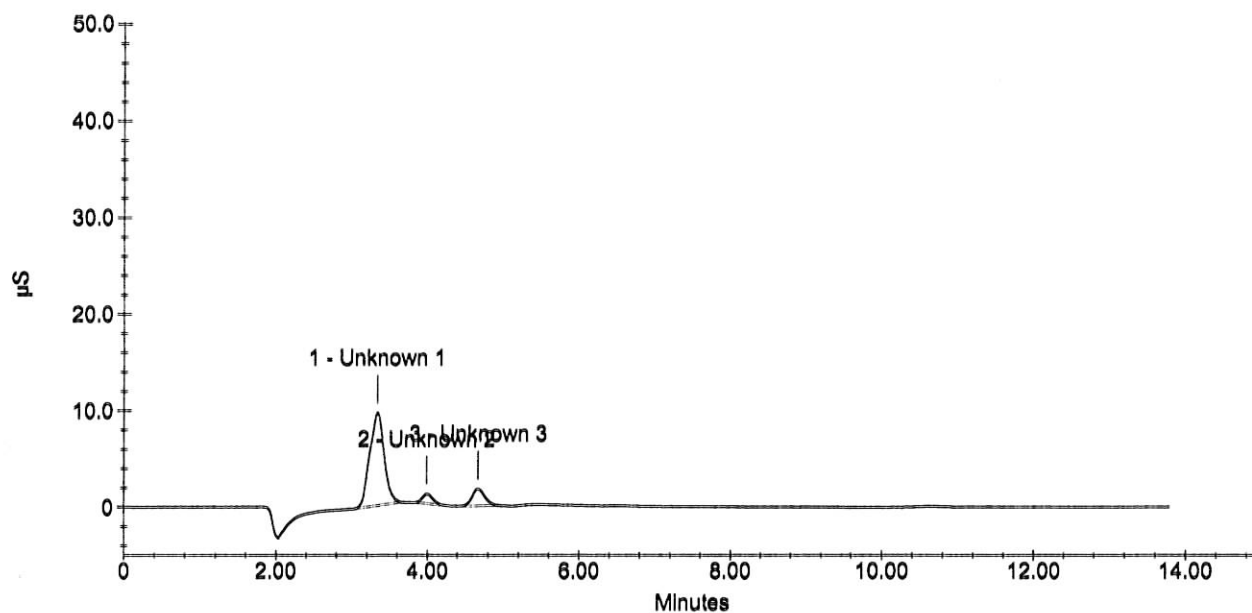
Injection Number : 122

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1254676	95715	
2	3.99	Unknown 2	0.0000	92048	9614	
3	4.67	Unknown 3	0.0000	202071	17414	

AY04785W01 1/5



Sample Analysis Report

Sample Name : AY04785W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_122.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 18:31:19

System Operator : PD

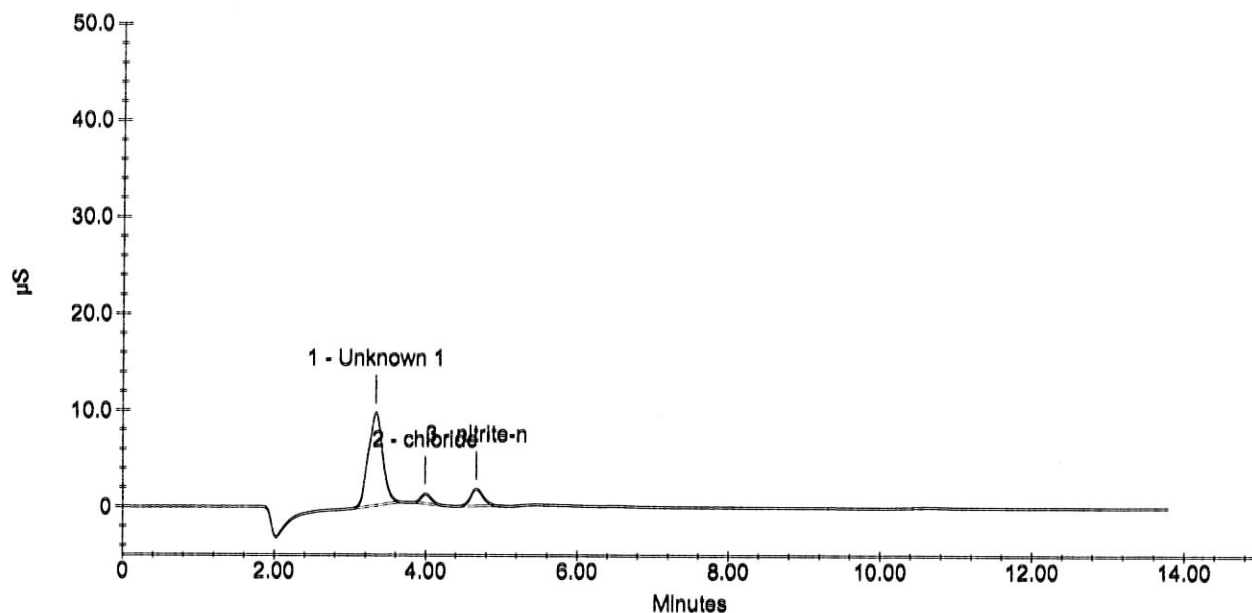
Injection Number : 122

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1254676	95715	
2	3.99	chloride	5.4937	92048	9614	
3	4.67	nitrite-n	0.9869	202071	17414	

AY04785W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106779

Sample Collection Date: No Date Specified

APPL ID: AY04786

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04786W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_123.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 18:47:44

System Operator : PD

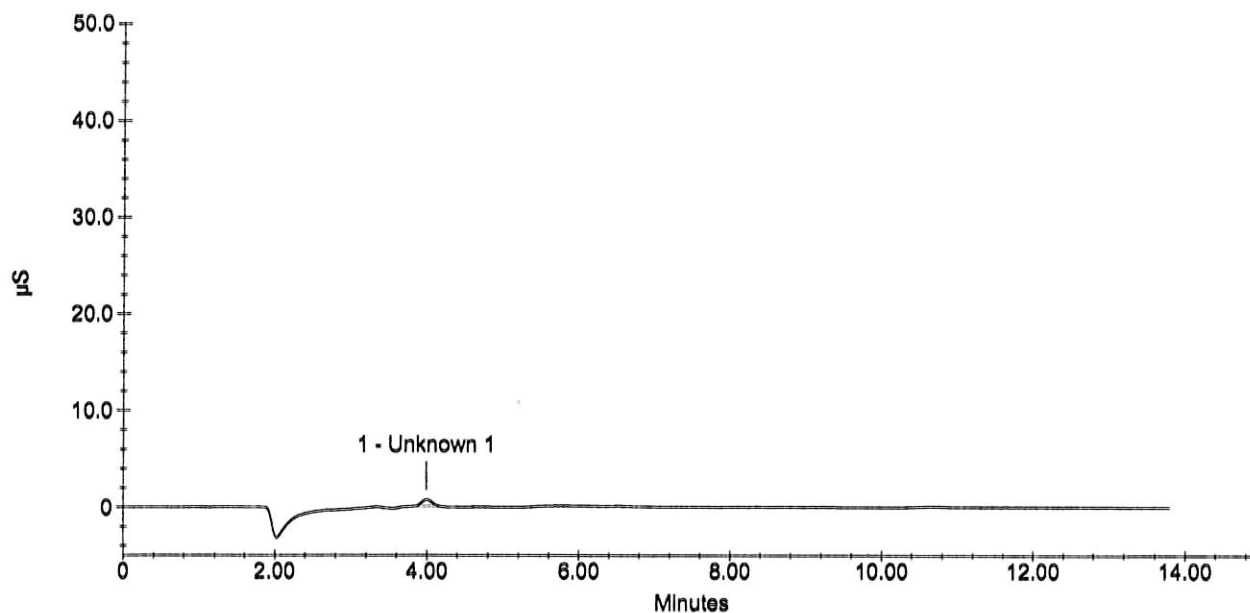
Injection Number : 123

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	Unknown 1	0.0000	61708	6823	

AY04786W01 1/5



Sample Analysis Report

Sample Name : AY04786W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_123.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 18:47:44

System Operator : PD

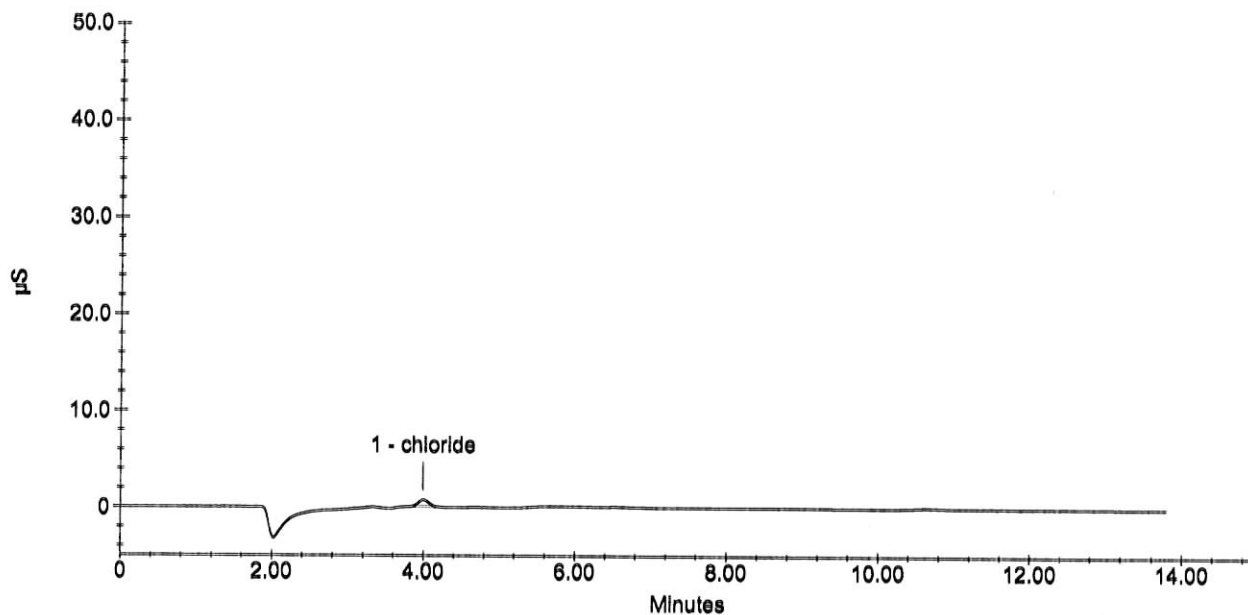
Injection Number : 123

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	chloride	5.3057	61708	6823	

AY04786W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106803

Sample Collection Date: No Date Specified

APPL ID: AY04787

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04787W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_124.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 19:04:09

System Operator : PD

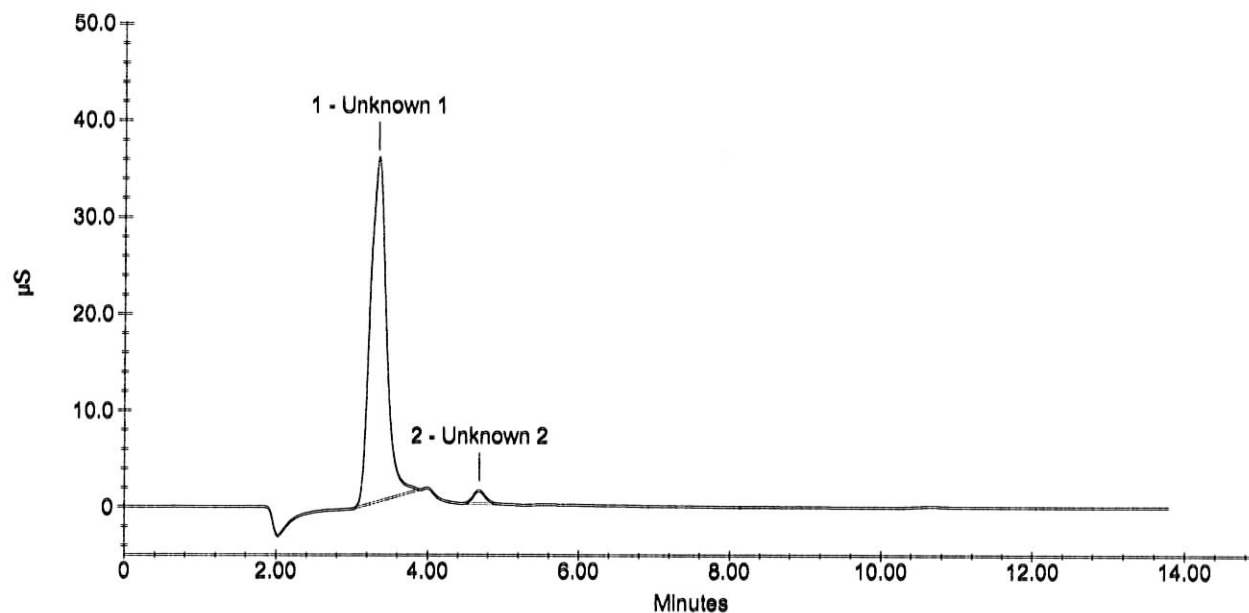
Injection Number : 124

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	5195663	352549	
2	4.68	Unknown 2	0.0000	144810	13231	

AY04787W01 1/5



Sample Analysis Report

Sample Name : AY04787W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_124.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 19:04:09

System Operator : PD

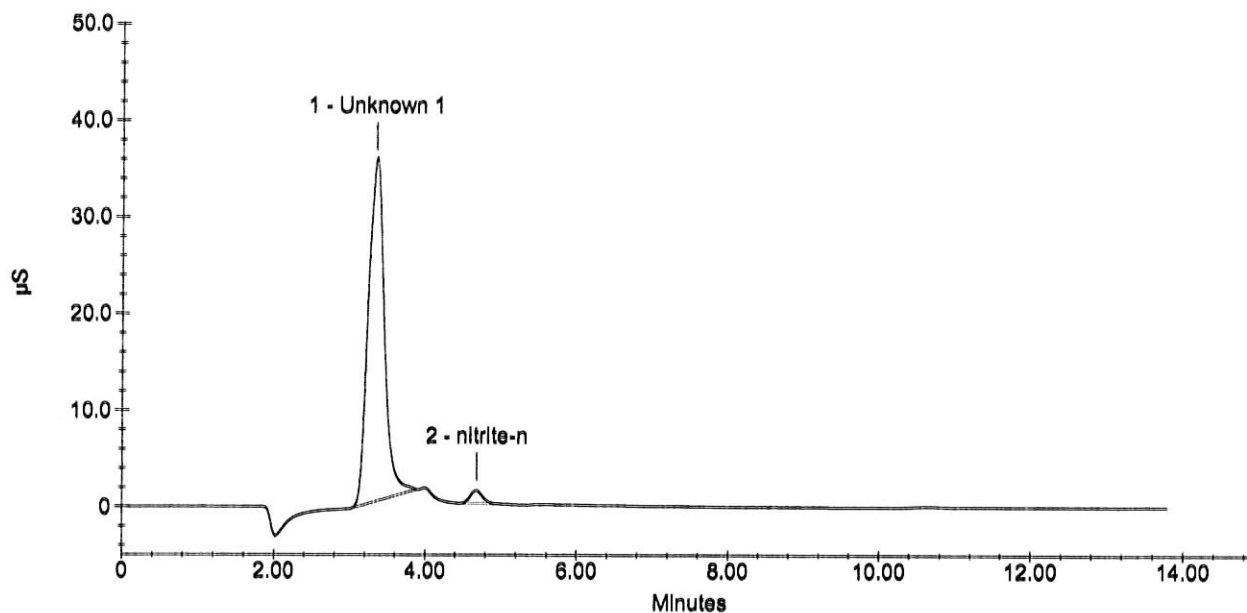
Injection Number : 124

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	5195663	352549	
2	4.68	nitrite-n	0.7872	144810	13231	

AY04787W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106804

Sample Collection Date: No Date Specified

APPL ID: AY04788

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04788W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_125.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 19:20:33

System Operator : PD

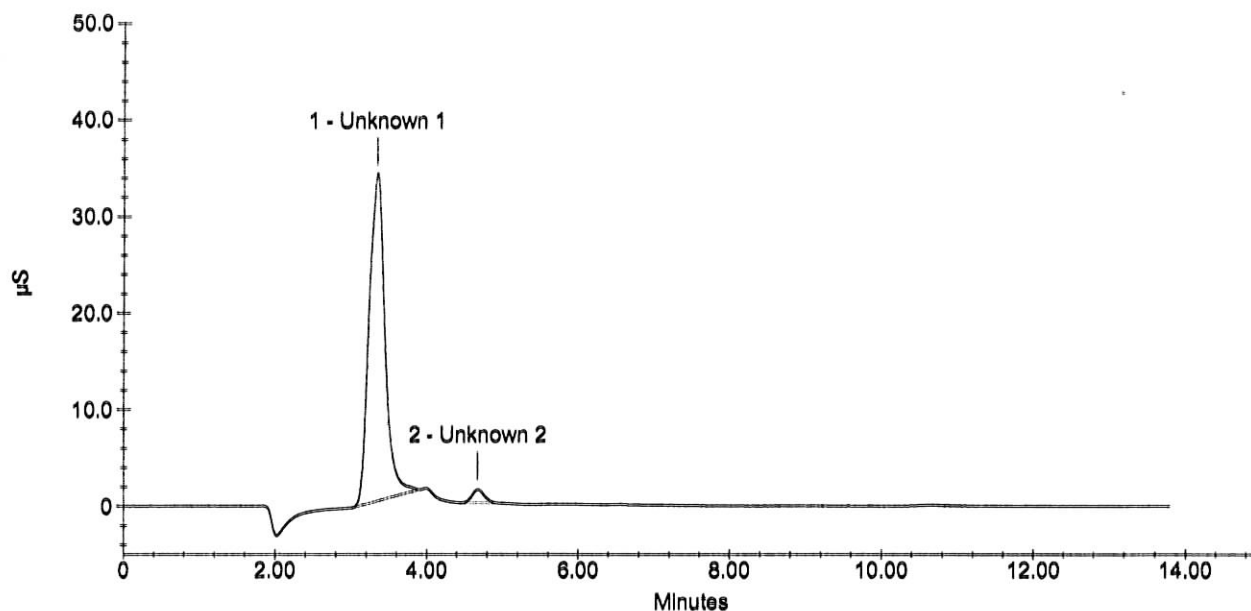
Injection Number : 125

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	4947350	336490	
2	4.67	Unknown 2	0.0000	149587	13432	

AY04788W01 1/5



Sample Analysis Report

Sample Name : AY04788W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_125.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 19:20:33

System Operator : PD

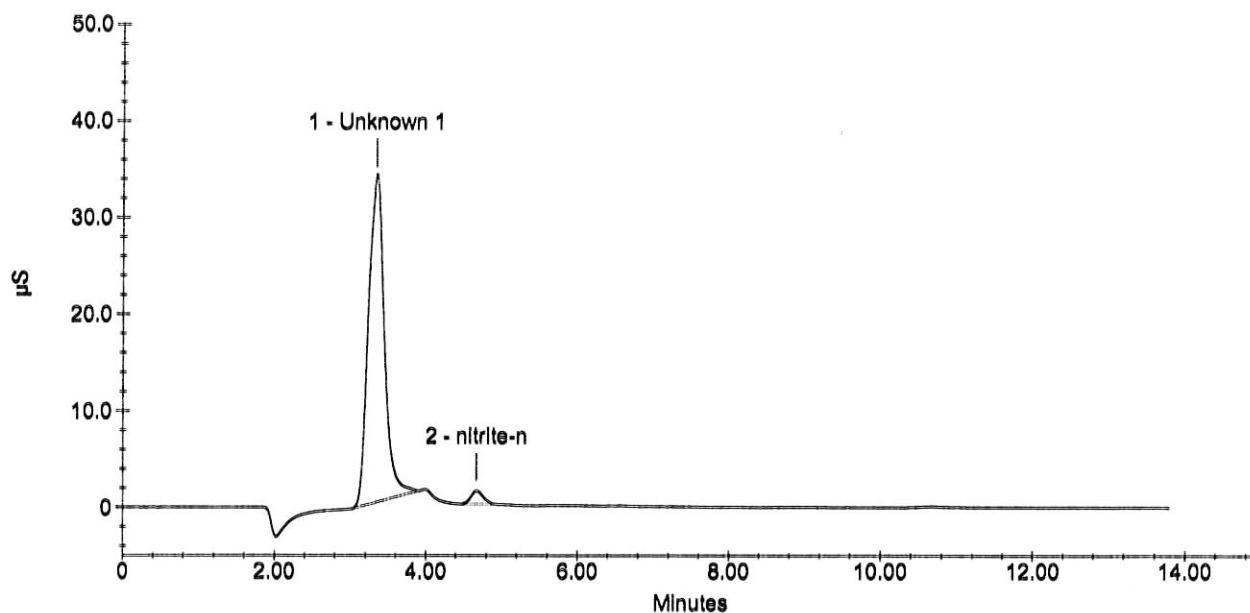
Injection Number : 125

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	4947350	336490	
2	4.67	nitrite-n	0.8039	149587	13432	

AY04788W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106805

Sample Collection Date: No Date Specified

APPL ID: AY04789

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04789W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_126.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/8/09 19:36:57

System Operator : PD

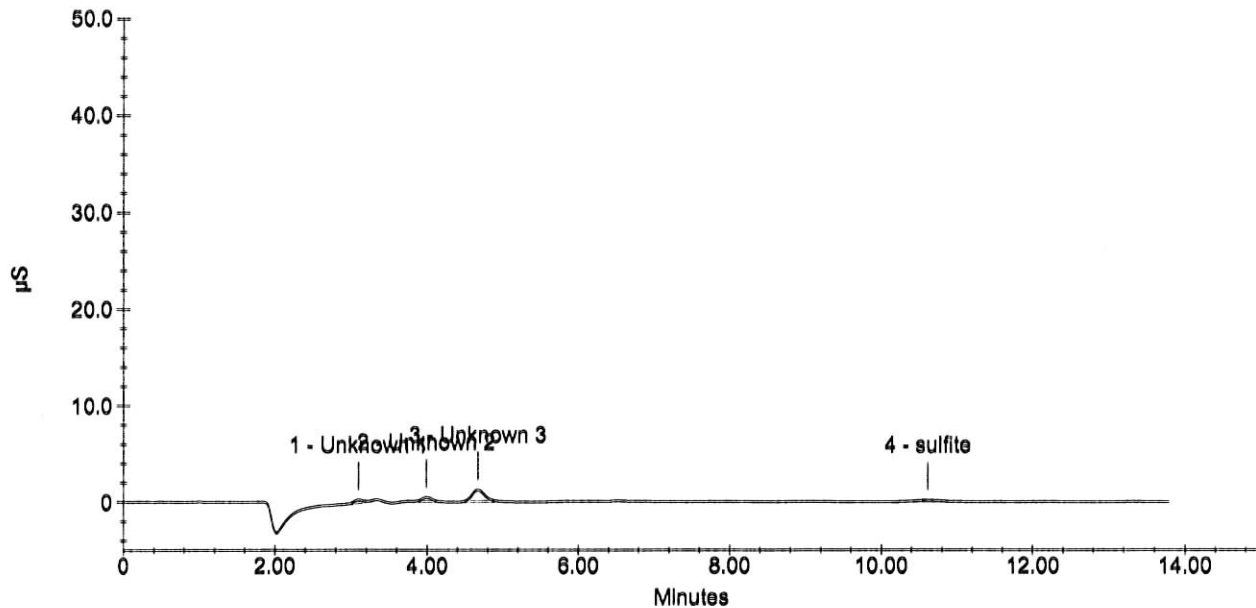
Injection Number : 126

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.09	Unknown 1	0.0000	21733	2828	
2	3.99	Unknown 2	0.0000	39105	4160	
3	4.67	Unknown 3	0.0000	139658	11944	
4	10.61	sulfite	0.0580	20349	1097	-

AY04789W01 1/5



Sample Analysis Report

Sample Name : AY04789W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_126.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 19:36:57

System Operator : PD

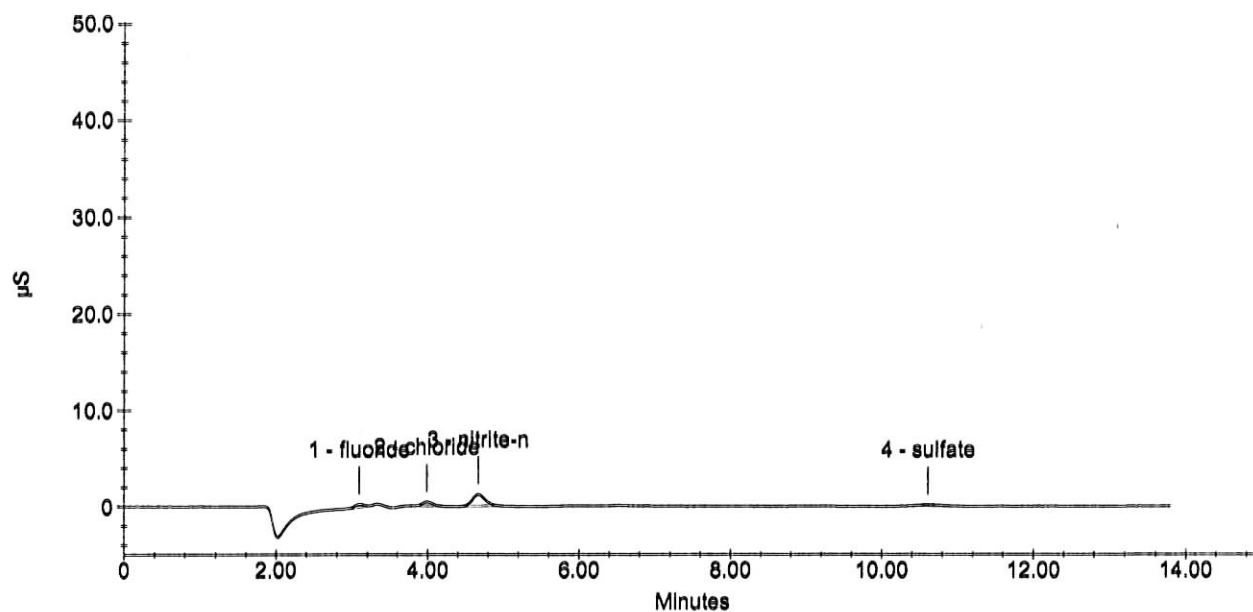
Injection Number : 126

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.09	fluoride	0.4621	21733	2828	
2	3.99	chloride	5.1656	39105	4160	
3	4.67	nitrite-n	0.7692	139658	11944	
4	10.61	sulfate	2.8453	20349	1097	

AY04789W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106806

Sample Collection Date: No Date Specified

APPL ID: AY04790

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04790W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_127.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 19:53:24

System Operator : PD

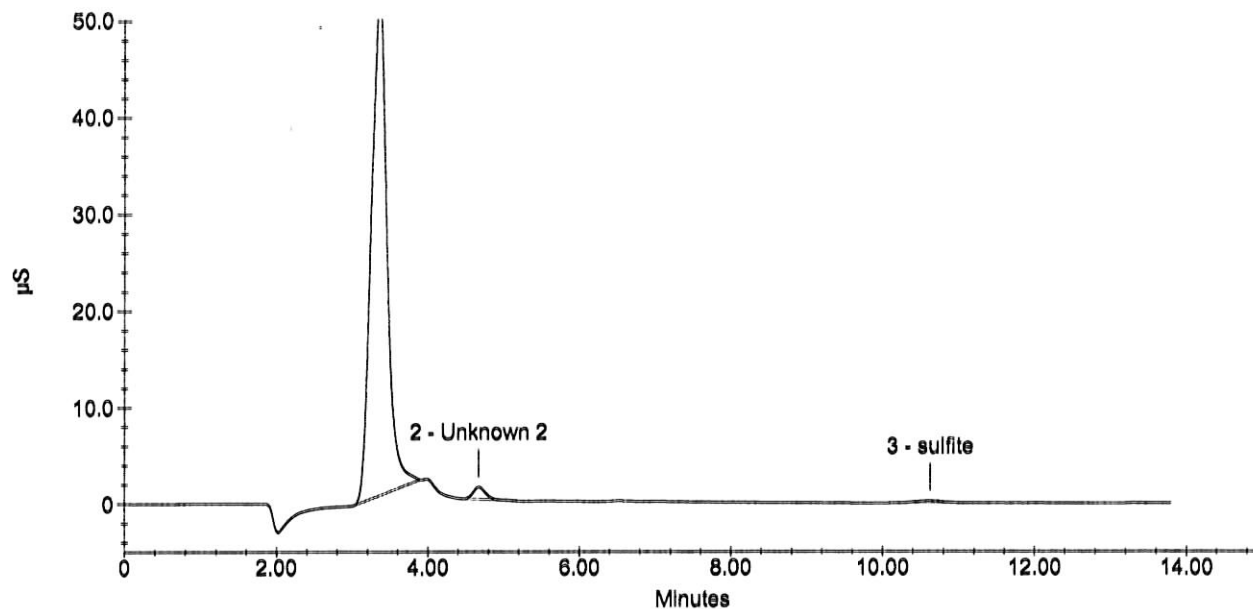
Injection Number : 127

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	7464368	522252	
2	4.67	Unknown 2	0.0000	136296	12425	
3	10.63	sulfite	0.1707	25816	1471	-

AY04790W01 1/5



Sample Analysis Report

Sample Name : AY04790W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_127.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 19:53:24

System Operator : PD

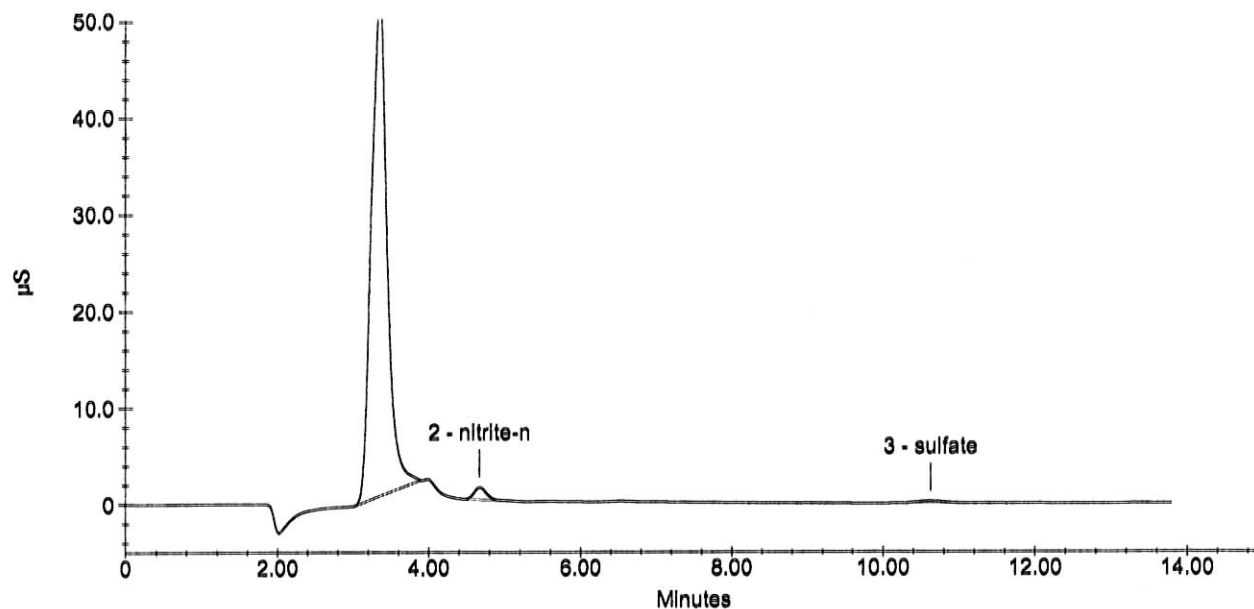
Injection Number : 127

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.35	Unknown 1	0.0000	7464368	522252	
2	4.67	nitrite-n	0.7575	136296	12425	
3	10.63	sulfate	2.8982	25816	1471	

AY04790W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106807

Sample Collection Date: No Date Specified

APPL ID: AY04791

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04791W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_128.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/8/09 20:09:50

System Operator : PD

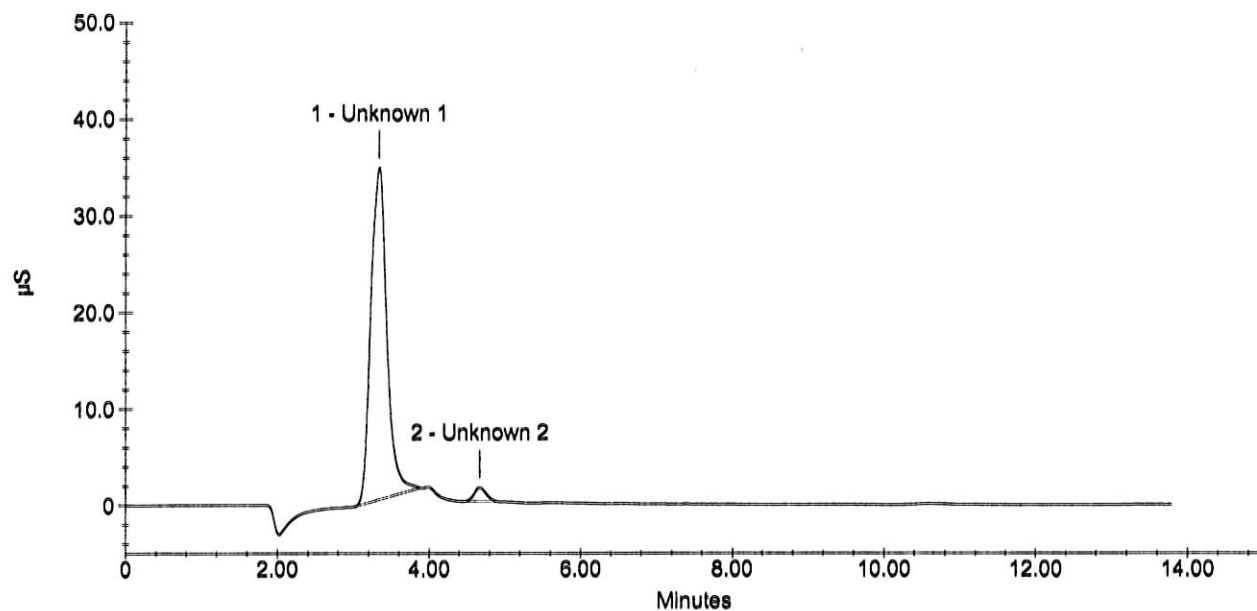
Injection Number : 128

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	5045026	342500	
2	4.67	Unknown 2	0.0000	154081	14111	

AY04791W01 1/5



Sample Analysis Report

Sample Name : AY04791W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091008A_128.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 20:09:50

System Operator : PD

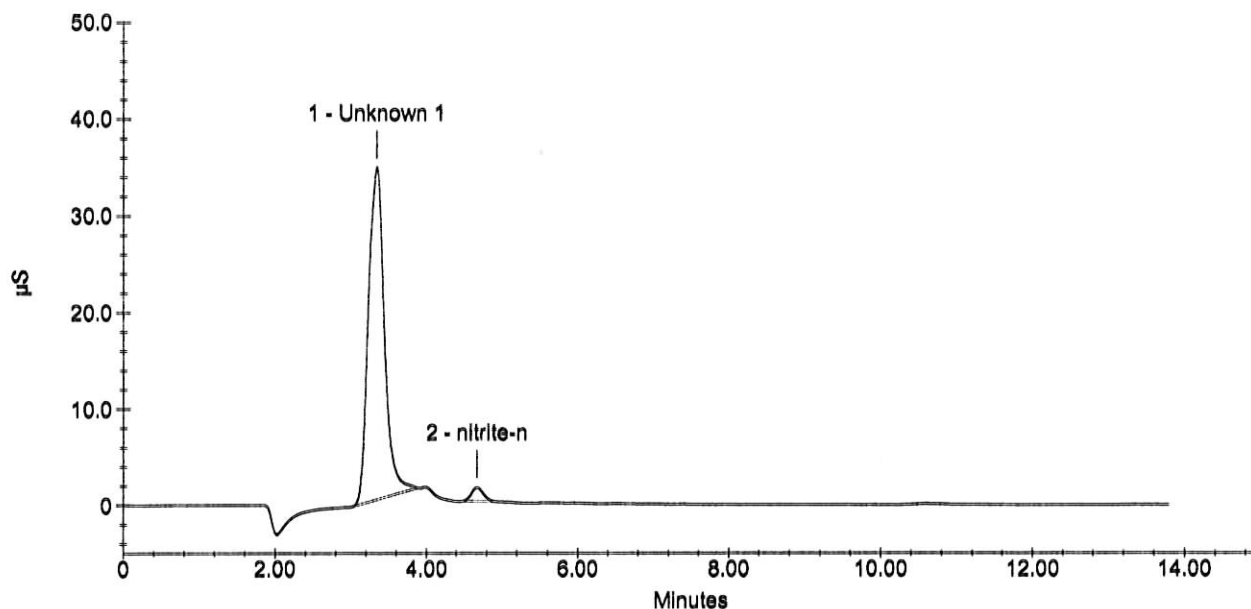
Injection Number : 128

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	5045026	342500	
2	4.67	nitrite-n	0.8195	154081	14111	

AY04791W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106808

Sample Collection Date: No Date Specified

APPL ID: AY04792

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09

Sample Analysis Report

Sample Name : AY04792W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_129.DXD

Method File Name : I:\DIONEX\DIANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 20:26:14

System Operator : PD

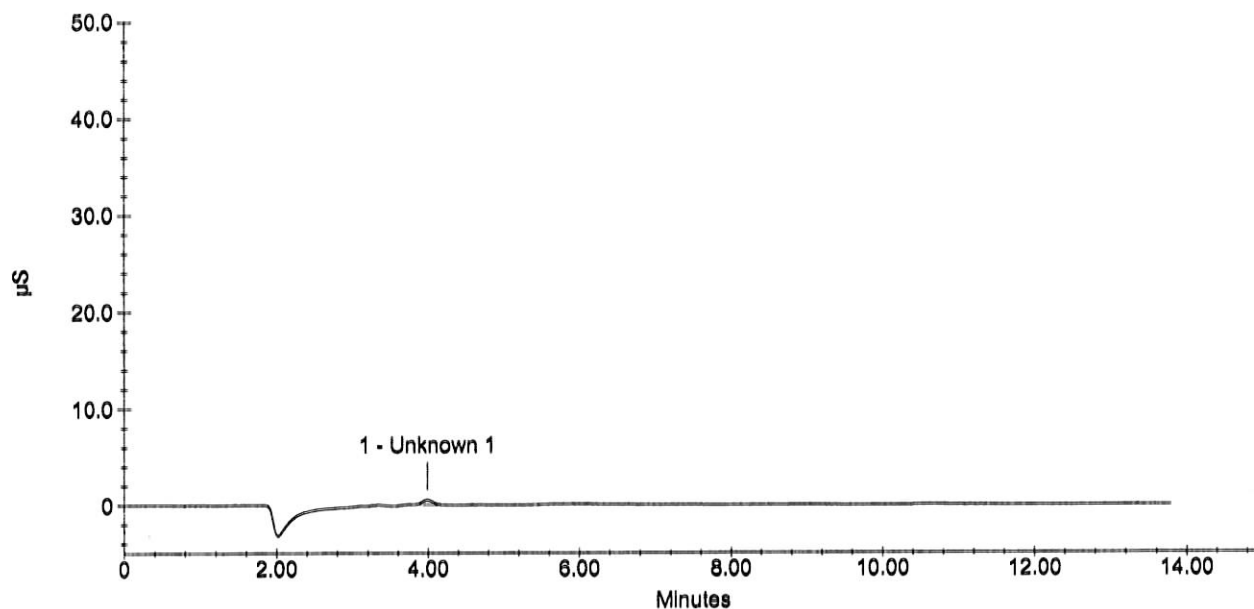
Injection Number : 129

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Lmlt Exceed
1	3.99	Unknown 1	0.0000	39201	4430	

AY04792W01 1/5



Sample Analysis Report

Sample Name : AY04792W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091008A_129.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 20:26:14

System Operator : PD

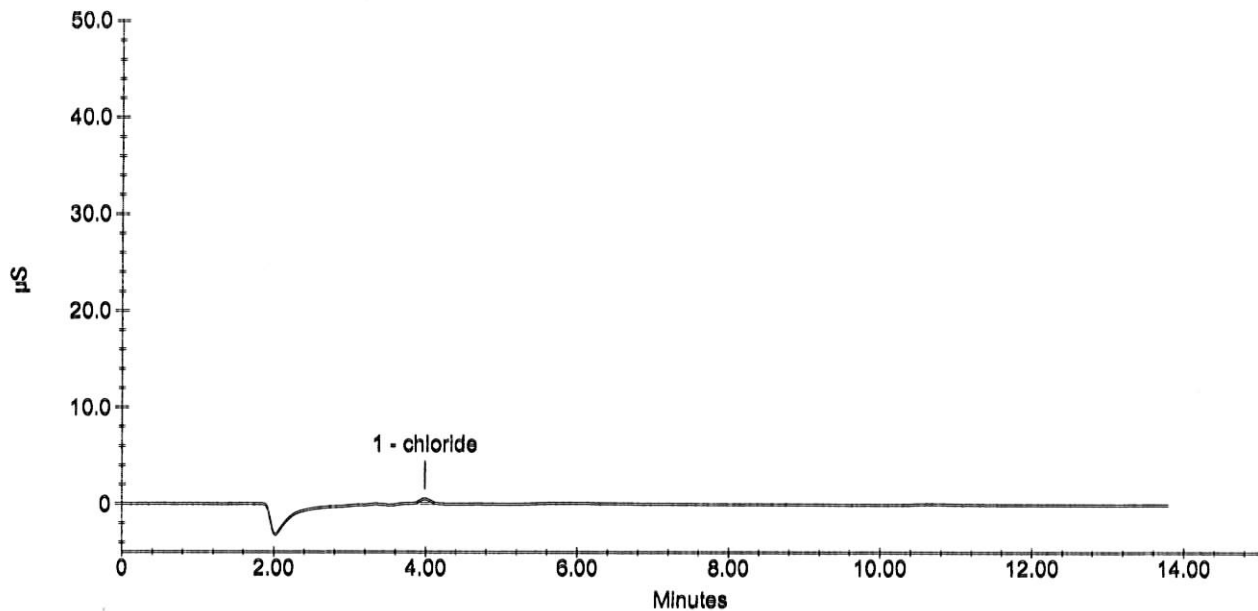
Injection Number : 129

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	chloride	5.1662	39201	4430	

AY04792W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106832

Sample Collection Date: No Date Specified

APPL ID: AY04793

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04793W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_194.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 14:45:49

System Operator : PD

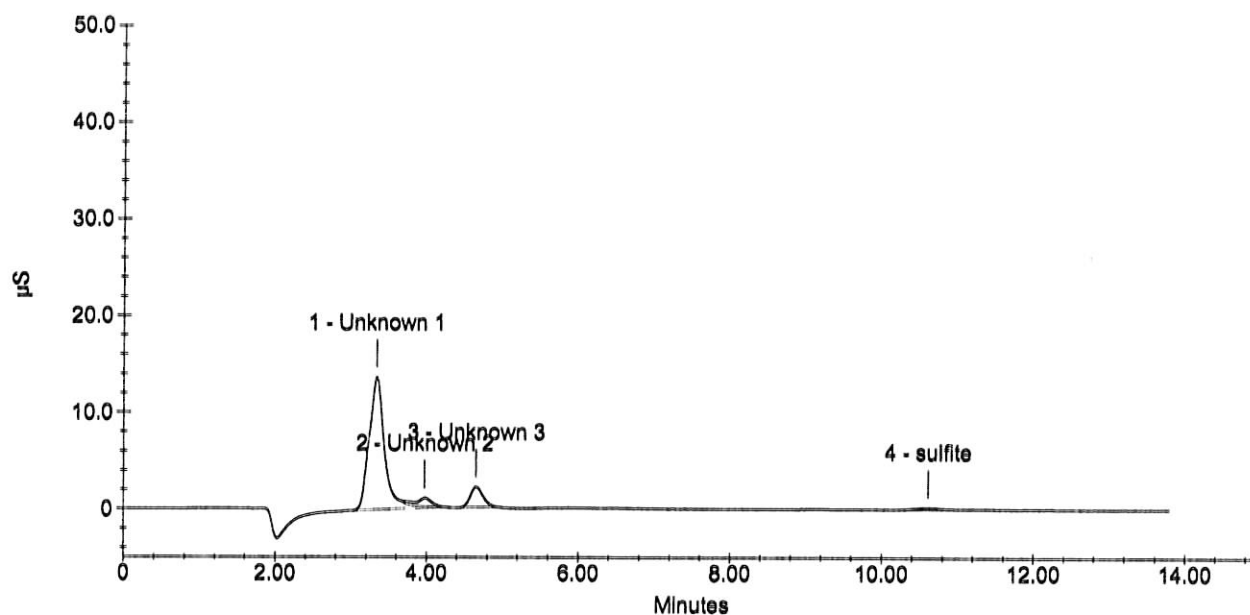
Injection Number : 194

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1907287	136319	
2	3.97	Unknown 2	0.0000	98568	8520	
3	4.65	Unknown 3	0.0000	237929	20793	
4	10.61	sulfite	0.3783	35886	1587	-

AY04793W01 1/5



Sample Analysis Report

Sample Name : AY04793W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_194.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 14:45:49

System Operator : PD

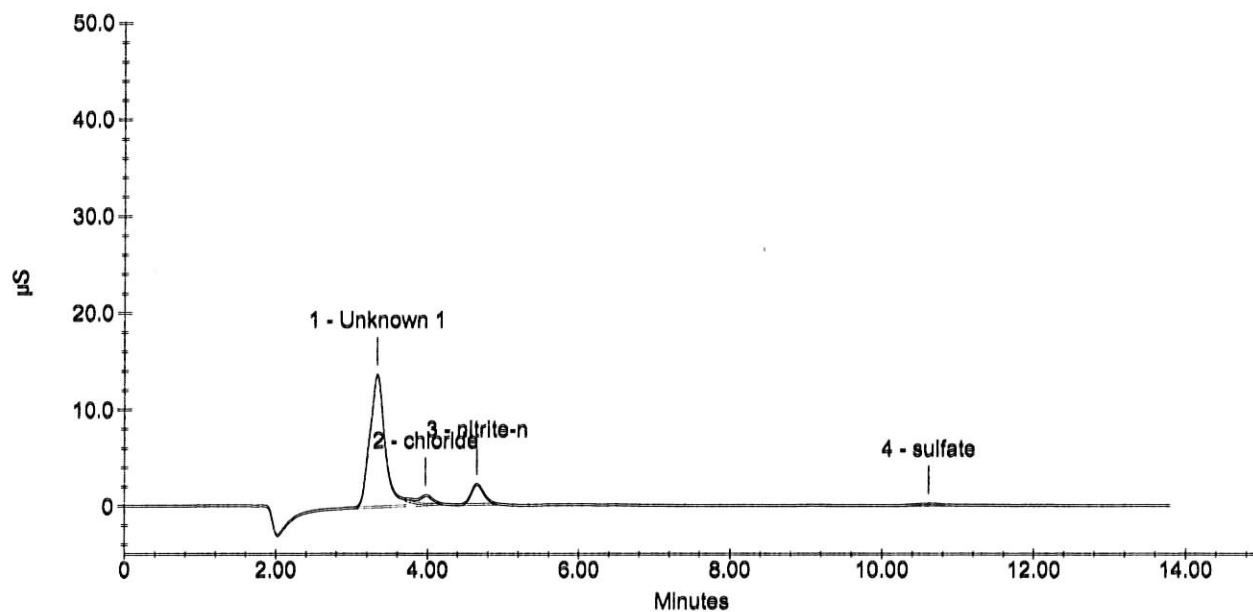
Injection Number : 194

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1907287	136319	
2	3.97	chloride	5.5341	98568	8520	
3	4.65	nitrite-n	1.1120	237929	20793	
4	10.61	sulfate	2.9956	35886	1587	

AY04793W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106833

Sample Collection Date: No Date Specified

APPL ID: AY04794

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04794W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_195.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 15:02:26

System Operator : PD

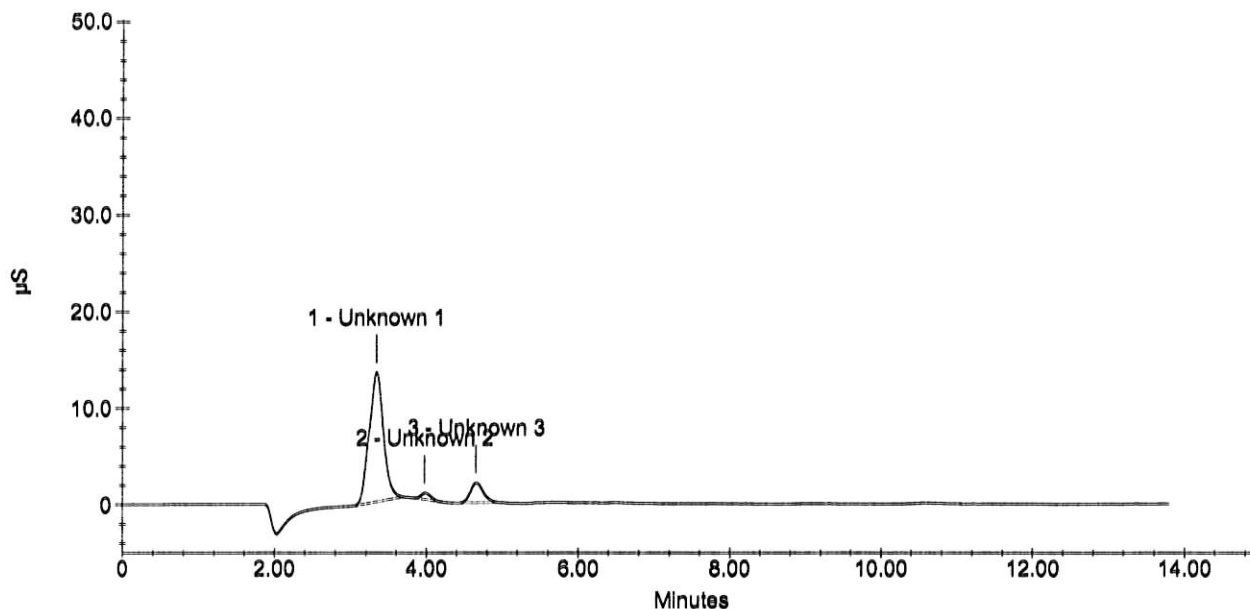
Injection Number : 195

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1736678	133626	
2	3.97	Unknown 2	0.0000	58695	6296	
3	4.65	Unknown 3	0.0000	235007	20238	

AY04794W01 1/5



Sample Analysis Report

Sample Name : AY04794W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_195.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 15:02:26

System Operator : PD

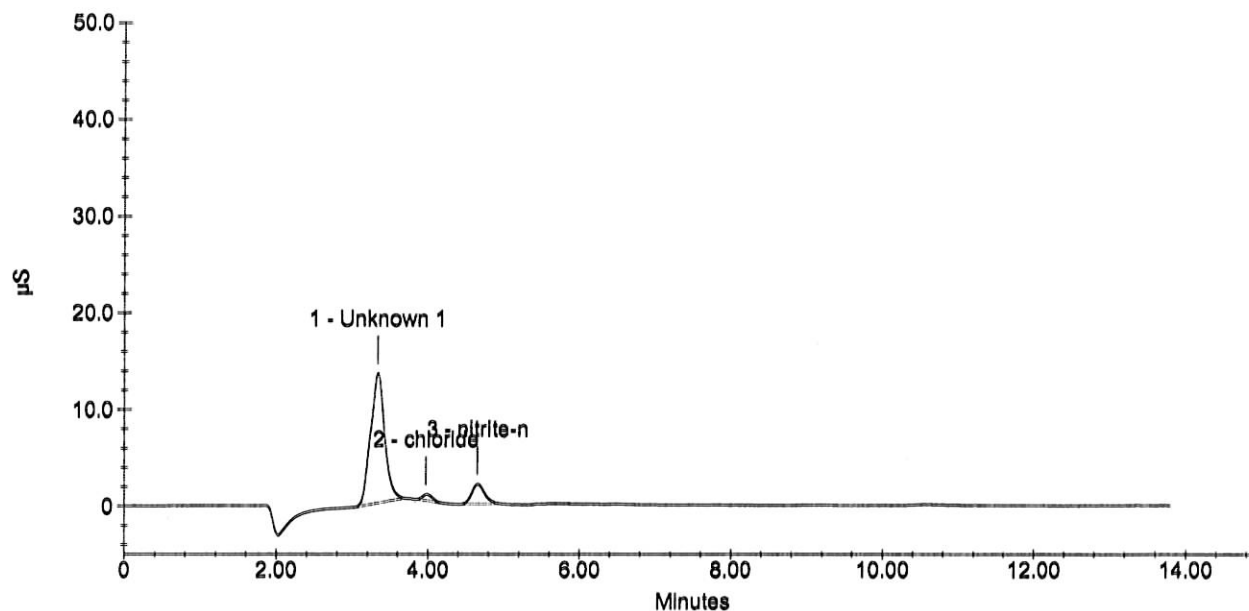
Injection Number : 195

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1736678	133626	
2	3.97	chloride	5.2870	58695	6296	
3	4.65	nitrite-n	1.1018	235007	20238	

AY04794W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106634

Sample Collection Date: No Date Specified

APPL ID: AY04795

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04795W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_196.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/9/09 15:18:52

System Operator : PD

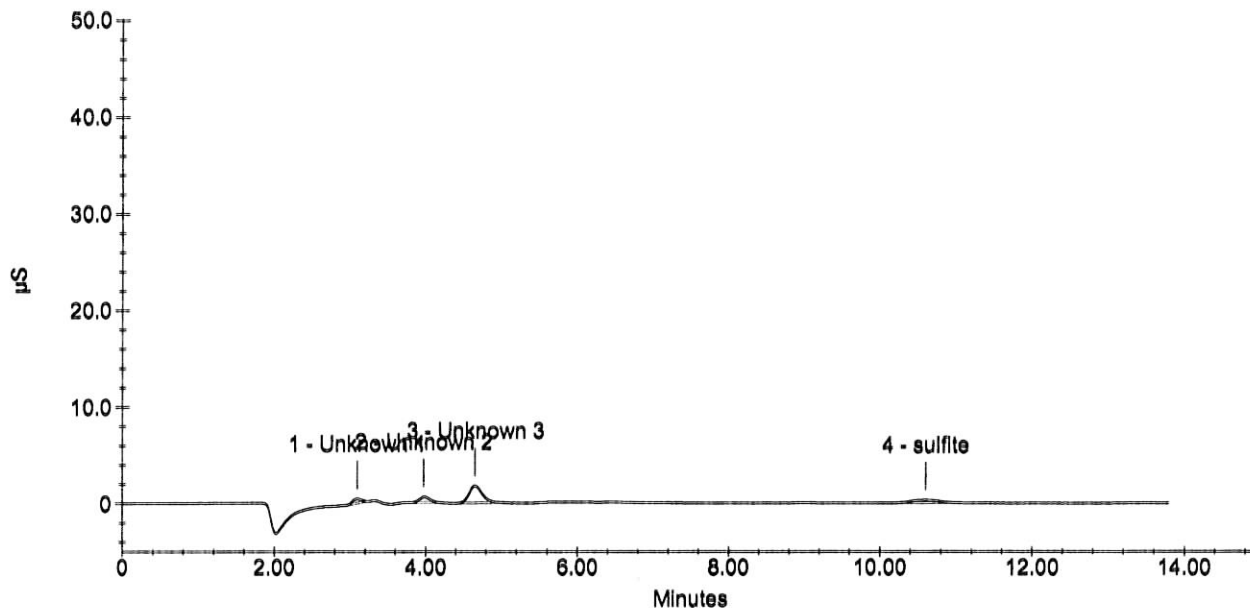
Injection Number : 196

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.09	Unknown 1	0.0000	32953	4359	
2	3.97	Unknown 2	0.0000	50349	5491	
3	4.65	Unknown 3	0.0000	207403	17533	
4	10.60	sulfite	0.9235	62335	2701	-

AY04795W01 1/5



Sample Analysis Report

Sample Name : AY04795W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_196.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 15:18:52

System Operator : PD

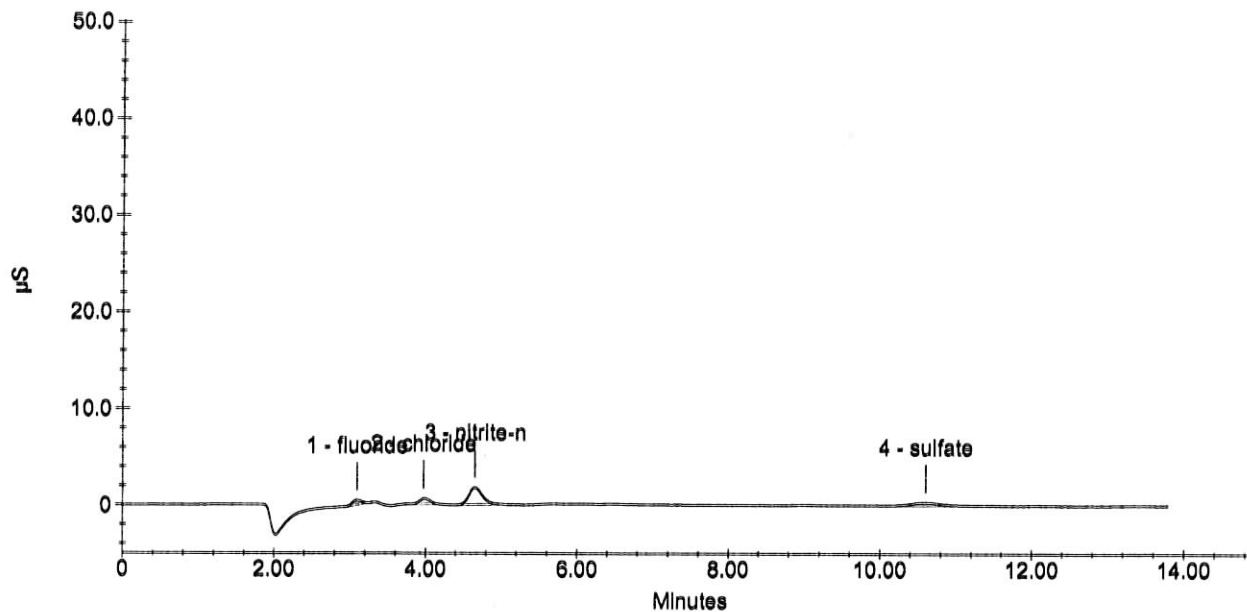
Injection Number : 196

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.09	fluoride	0.5152	32953	4359	
2	3.97	chloride	5.2353	50349	5491	
3	4.65	nitrite-n	1.0055	207403	17533	
4	10.60	sulfate	3.2515	62335	2701	

AY04795W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106835

Sample Collection Date: No Date Specified

APPL ID: AY04796

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04796W01 1/5

Data File Name : I:\Dionex\D1Anions\data\091007A\091009A_197.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 15:35:20

System Operator : PD

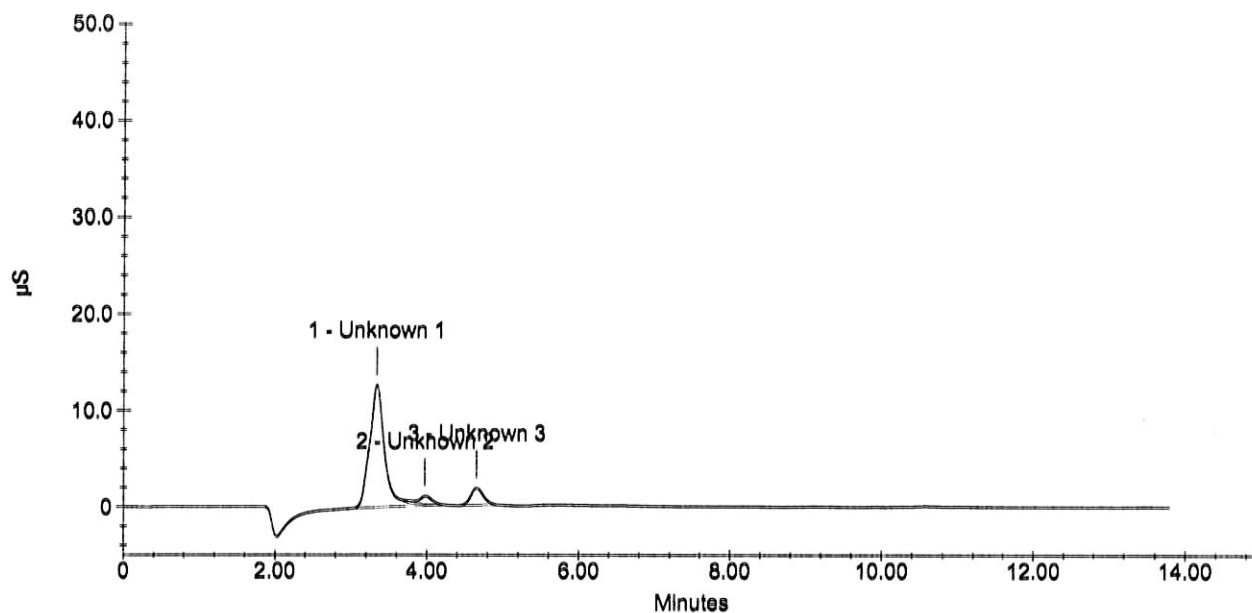
Injection Number : 197

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1708515	126468	
2	3.97	Unknown 2	0.0000	96328	8583	
3	4.65	Unknown 3	0.0000	198726	17442	

AY04796W01 1/5



Sample Analysis Report

Sample Name : AY04796W01 1/5

Data File Name : I:\Dionex\D1Anions\data\091007A\091009A_197.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 15:35:20

System Operator : PD

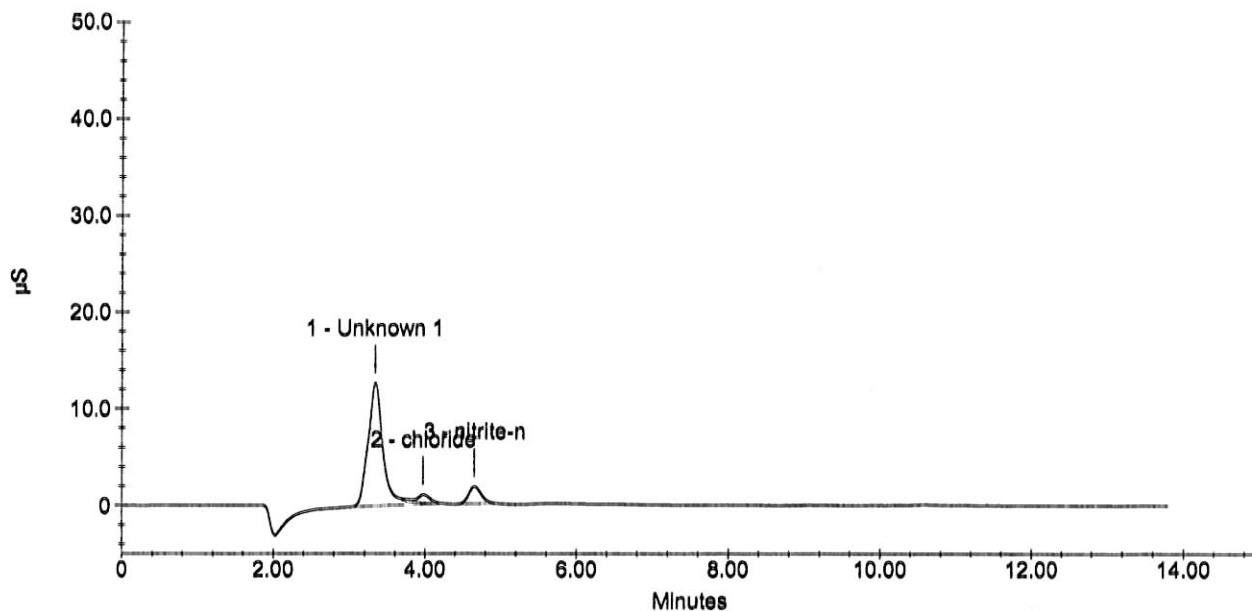
Injection Number : 197

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	1708515	126468	
2	3.97	chloride	5.5202	96328	8583	
3	4.65	nitrite-n	0.9752	198726	17442	

AY04796W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106836

Sample Collection Date: No Date Specified

APPL ID: AY04797

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04797W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_201.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/9/09 16:41:14

System Operator : PD

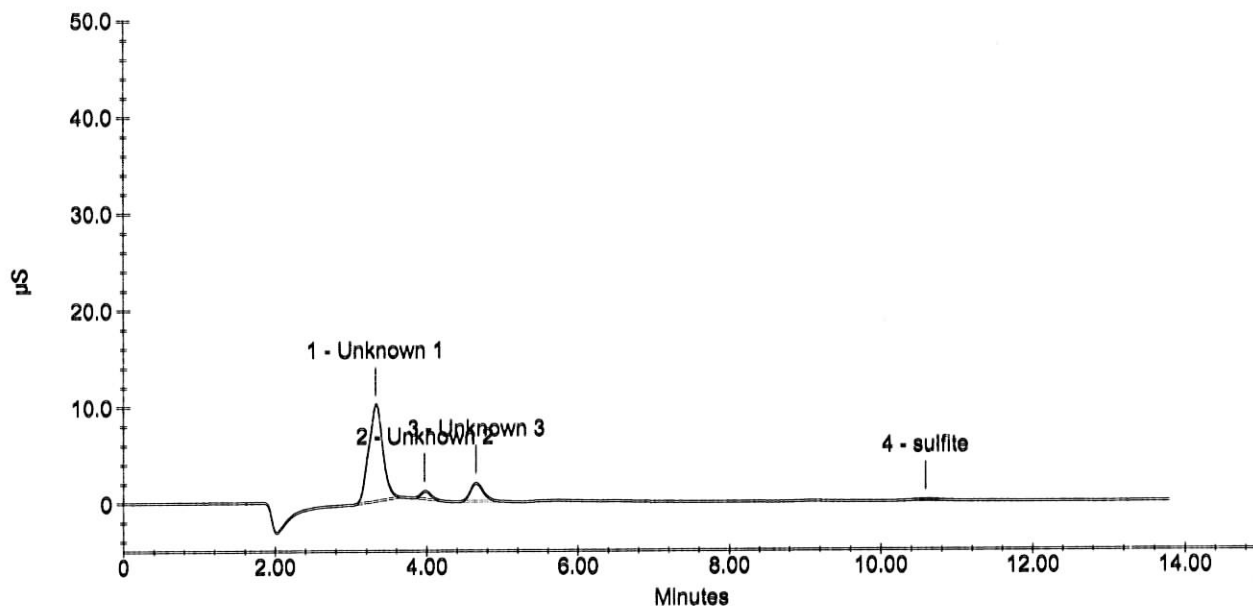
Injection Number : 201

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.32	Unknown 1	0.0000	1290632	99086	
2	3.97	Unknown 2	0.0000	73086	7777	
3	4.65	Unknown 3	0.0000	218520	18705	
4	10.59	sulfite	0.1052	22639	1113	-

AY04797W01 1/5



Sample Analysis Report

Sample Name : AY04797W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_201.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 16:41:14

System Operator : PD

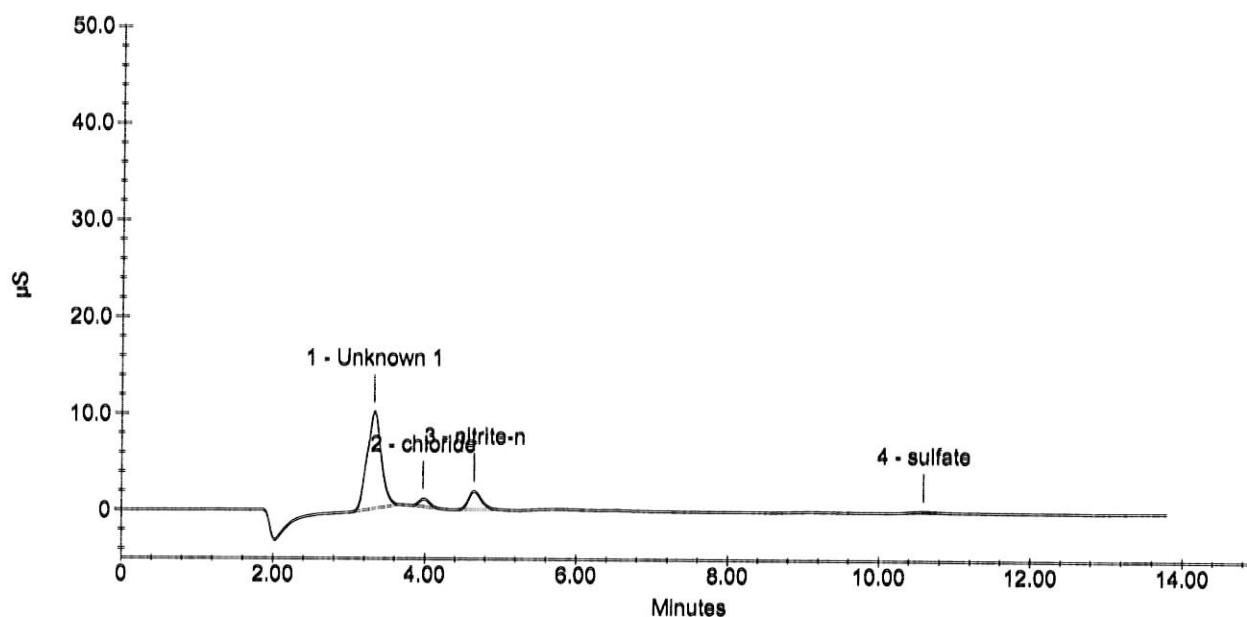
Injection Number : 201

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.32	Unknown 1	0.0000	1290632	99086	
2	3.97	chloride	5.3762	73086	7777	
3	4.65	nitrite-n	1.0443	218520	18705	
4	10.59	sulfate	2.8675	22639	1113	

AY04797W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106837

Sample Collection Date: No Date Specified

APPL ID: AY04798

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04798W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_202.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/9/09 16:57:42

System Operator : PD

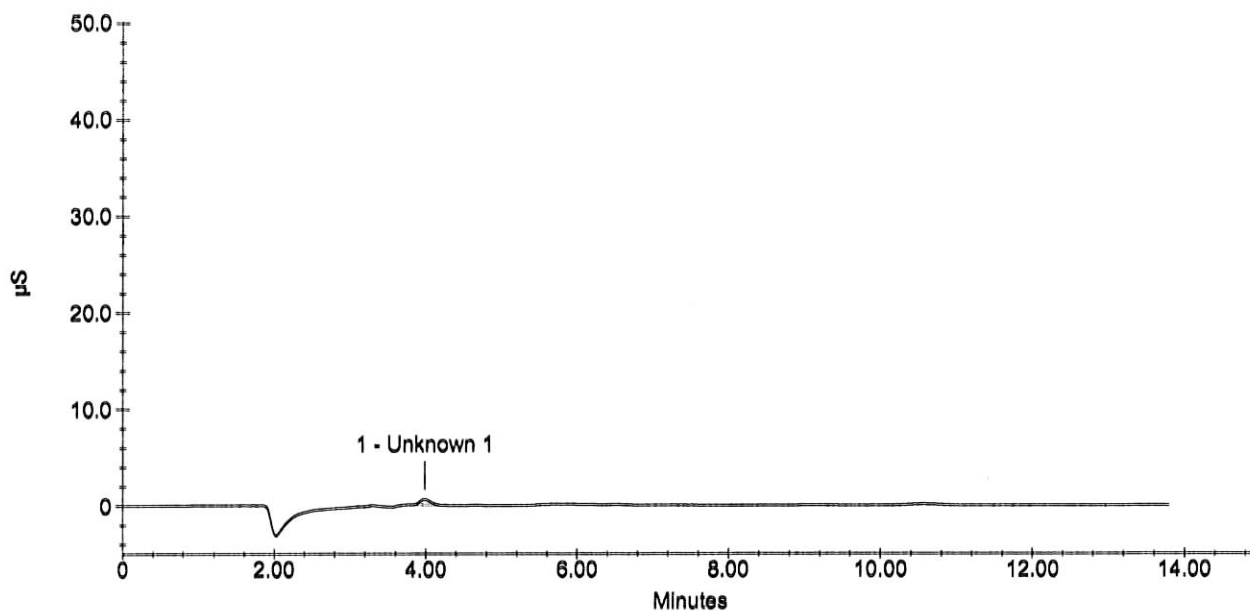
Injection Number : 202

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	Unknown 1	0.0000	52110	5655	

AY04798W01 1/5



Sample Analysis Report

Sample Name : AY04798W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_202.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 16:57:42

System Operator : PD

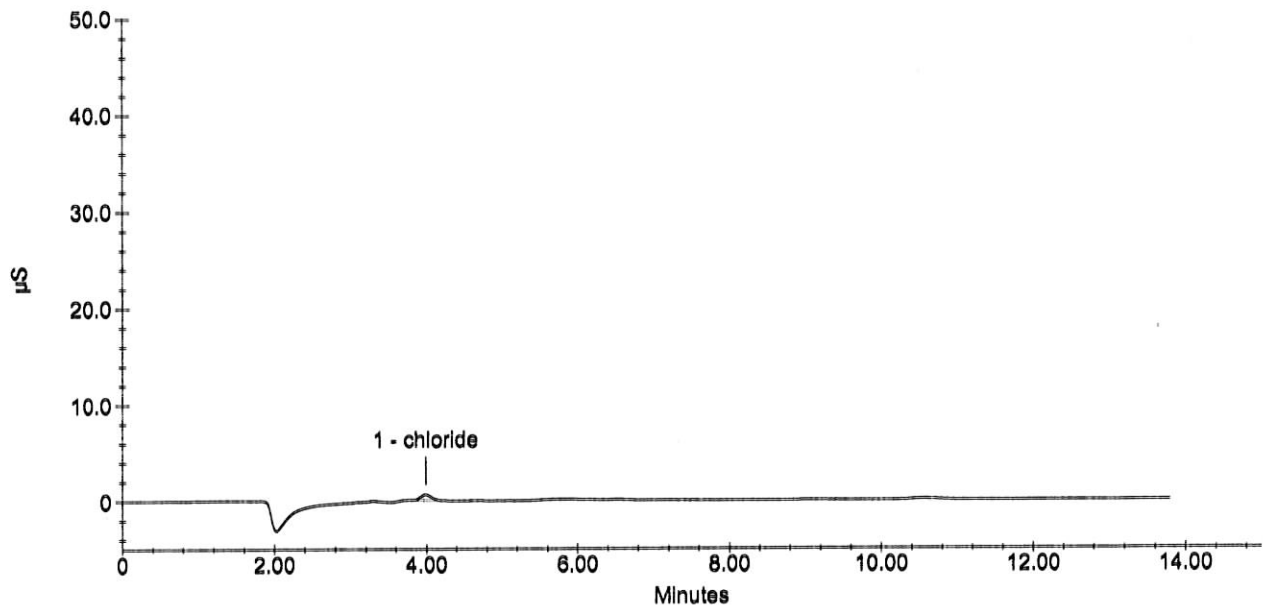
Injection Number : 202

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	chloride	5.2462	52110	5655	

AY04798W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106861

Sample Collection Date: No Date Specified

APPL ID: AY04799

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04799W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_203.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsulfite 08-25-09Low.met

Date Time Collected : 10/9/09 17:14:06

System Operator : PD

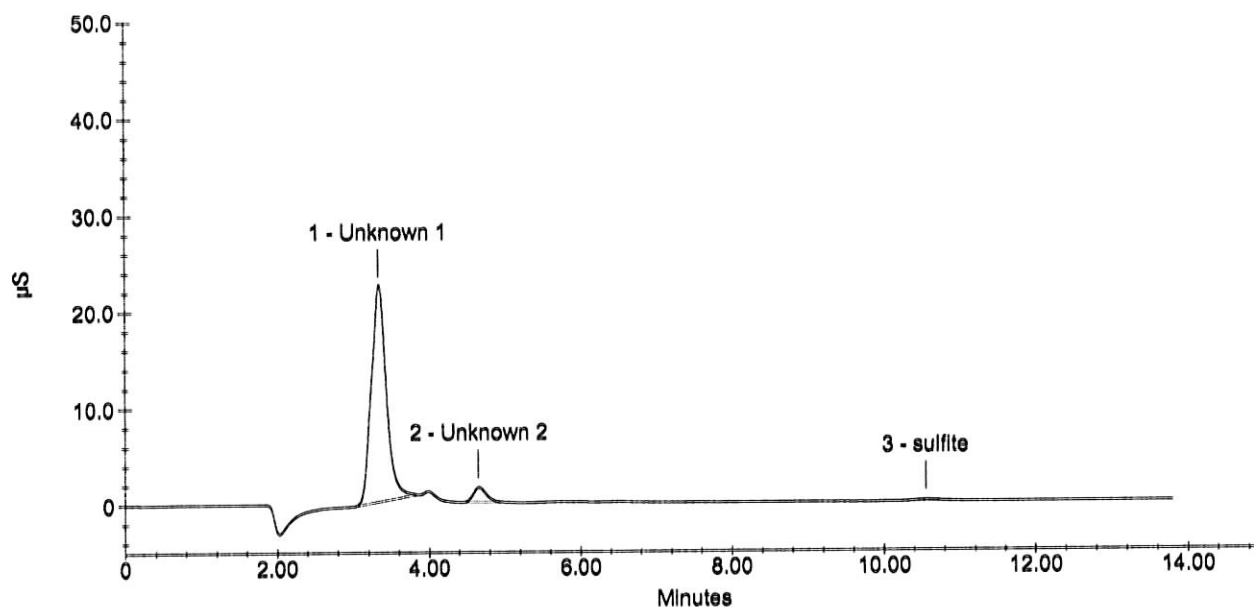
Injection Number : 203

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	3043344	221884	
2	4.65	Unknown 2	0.0000	174864	15010	
3	10.55	sulfite	0.0827	21549	1109	-

AY04799W01 1/5



Sample Analysis Report

Sample Name : AY04799W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_203.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 17:14:06

System Operator : PD

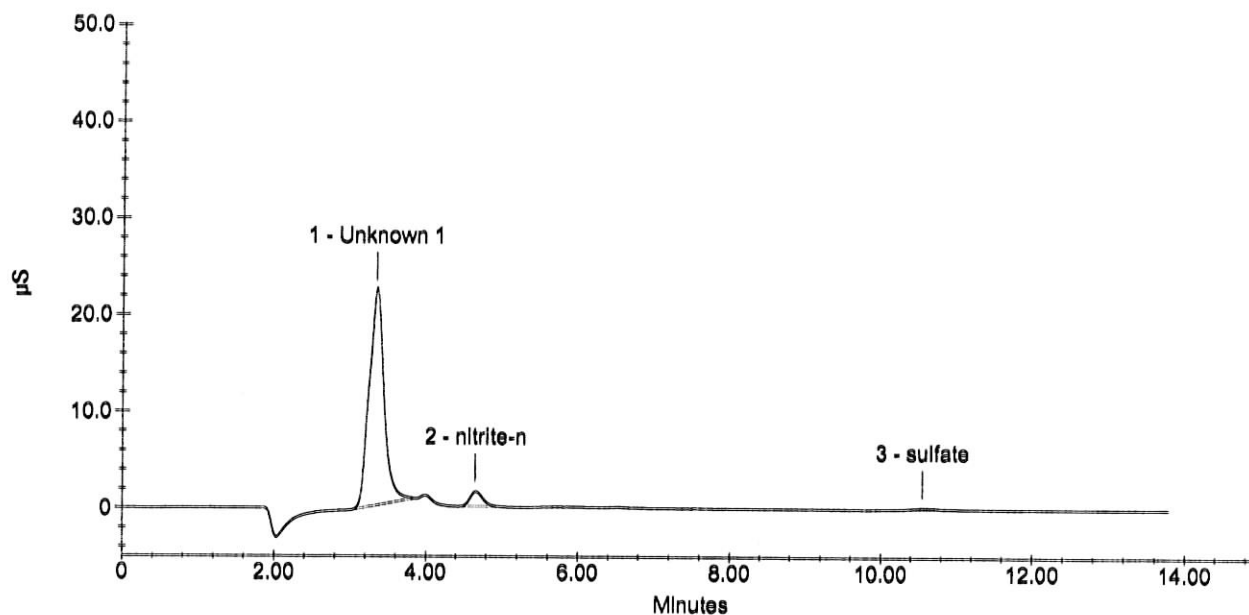
Injection Number : 203

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	3043344	221884	
2	4.65	nitrite-n	0.8920	174864	15010	
3	10.55	sulfate	2.8570	21549	1109	

AY04799W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106862

Sample Collection Date: No Date Specified

APPL ID: AY04800

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04800W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_204.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 17:30:31

System Operator : PD

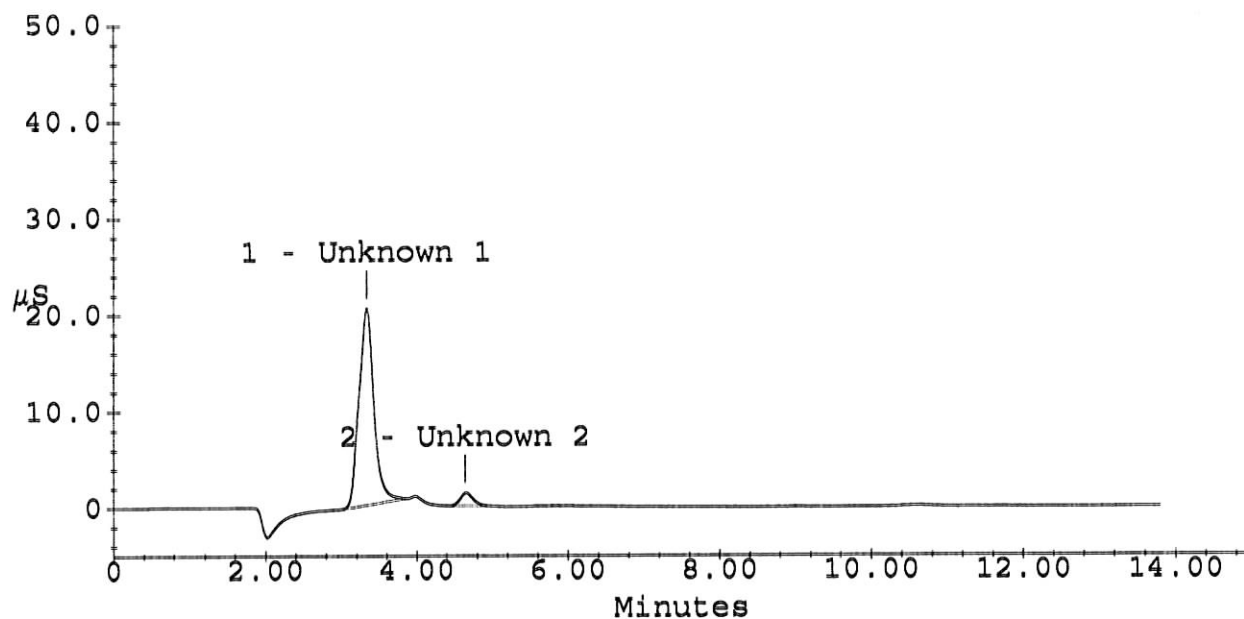
Injection Number : 204

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	2768406	203232	
2	4.64	Unknown 2	0.0000	150260	13044	

AY04800W01 1/5



Sample Analysis Report

Sample Name : AY04800W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_204.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 17:30:31

System Operator : PD

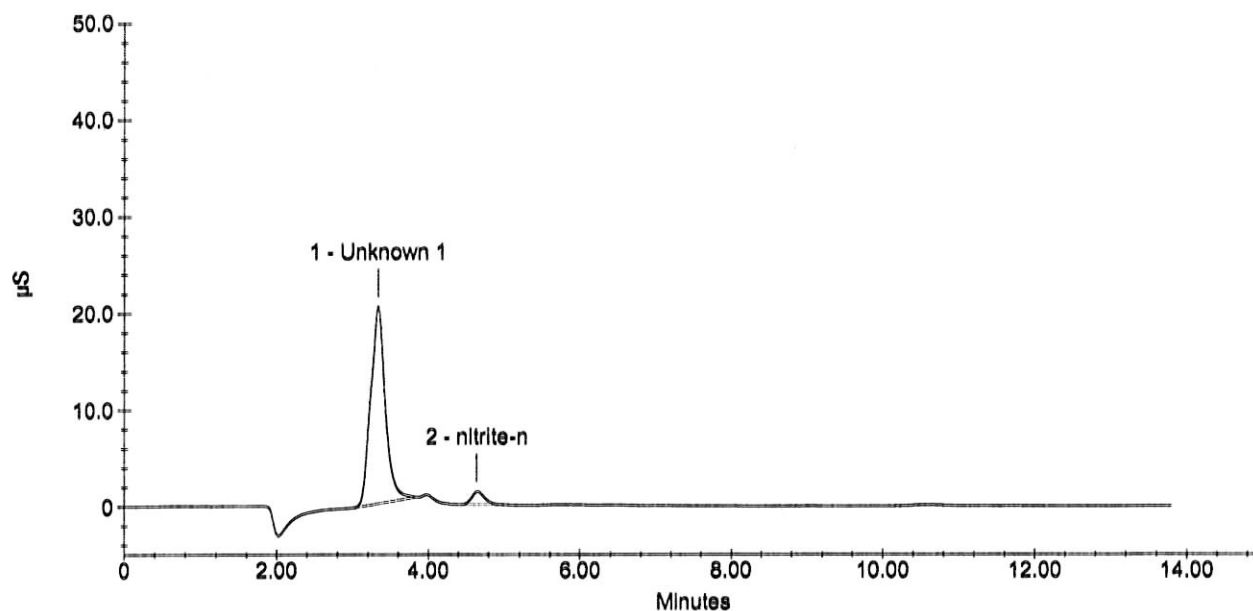
Injection Number : 204

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	2768406	203232	
2	4.64	nitrite-n	0.8062	150260	13044	

AY04800W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106863

Sample Collection Date: No Date Specified

APPL ID: AY04801

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04801W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_205.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/9/09 17:46:55

System Operator : PD

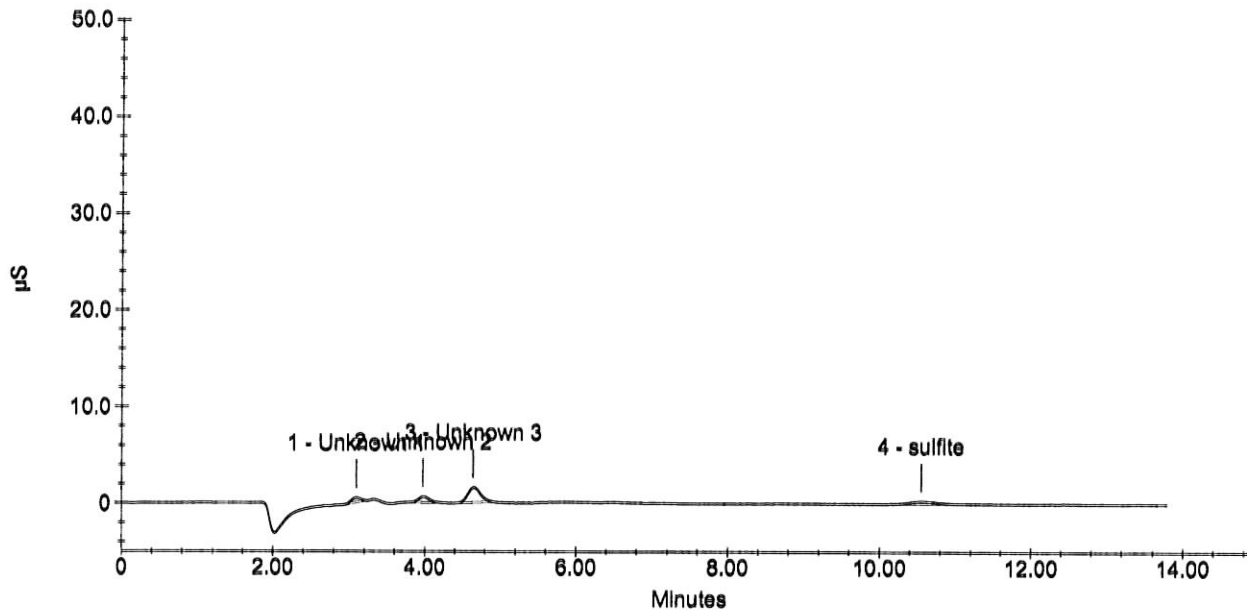
Injection Number : 205

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.09	Unknown 1	0.0000	35308	4642	
2	3.97	Unknown 2	0.0000	54572	5775	
3	4.64	Unknown 3	0.0000	176323	15312	
4	10.55	sulfite	0.6929	51149	2223	-

AY04801W01 1/5



Sample Analysis Report

Sample Name : AY04801W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_205.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 17:46:55

System Operator : PD

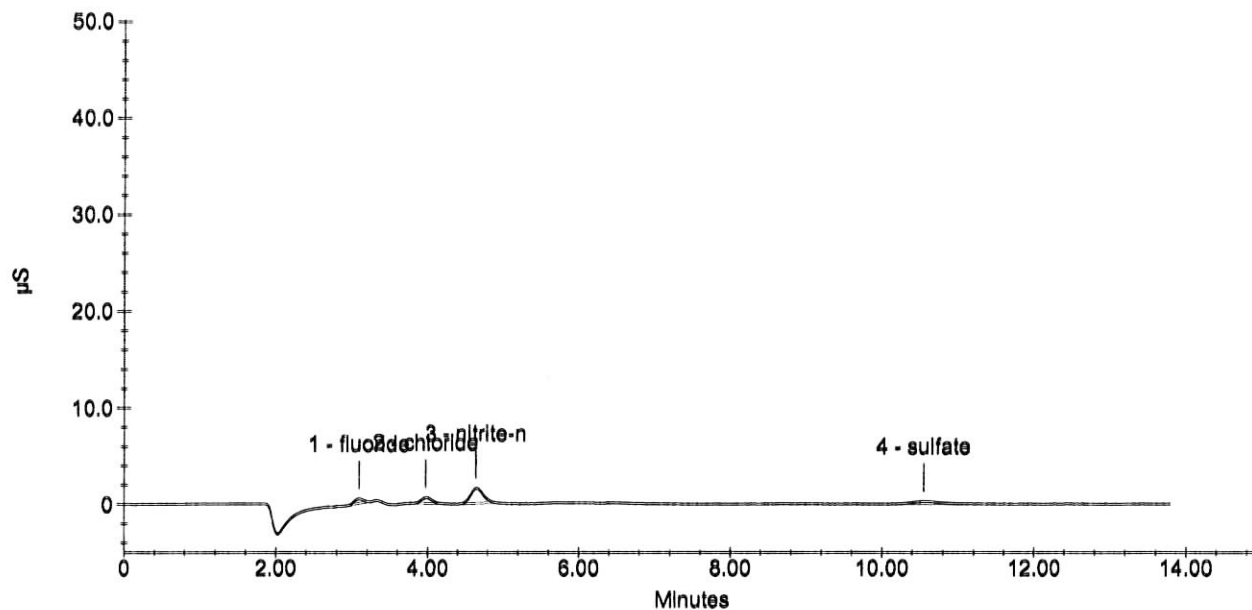
Injection Number : 205

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Llimit Exceed
1	3.09	fluoride	0.5264	35308	4642	
2	3.97	chloride	5.2615	54572	5775	
3	4.64	nitrite-n	0.8971	176323	15312	
4	10.55	sulfate	3.1433	51149	2223	

AY04801W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106864

Sample Collection Date: No Date Specified

APPL ID: AY04802

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04802W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_206.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 18:03:23

System Operator : PD

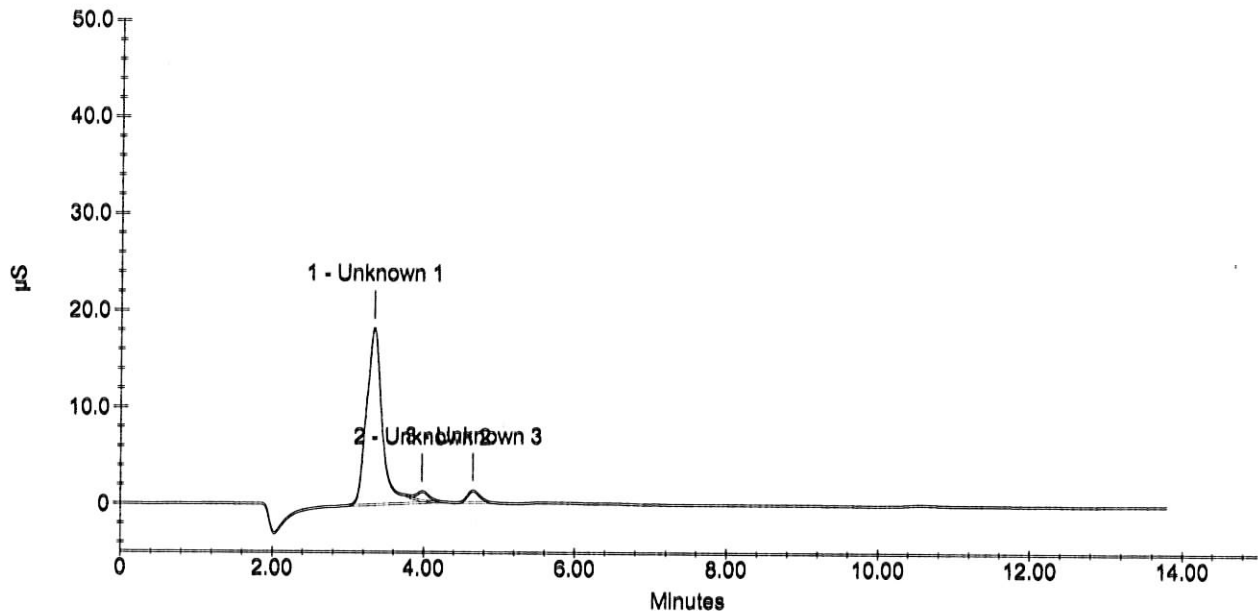
Injection Number : 206

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	2667300	182176	
2	3.97	Unknown 2	0.0000	108946	9229	
3	4.65	Unknown 3	0.0000	134997	11962	

AY04802W01 1/5



Sample Analysis Report

Sample Name : AY04802W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_206.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 18:03:23

System Operator : PD

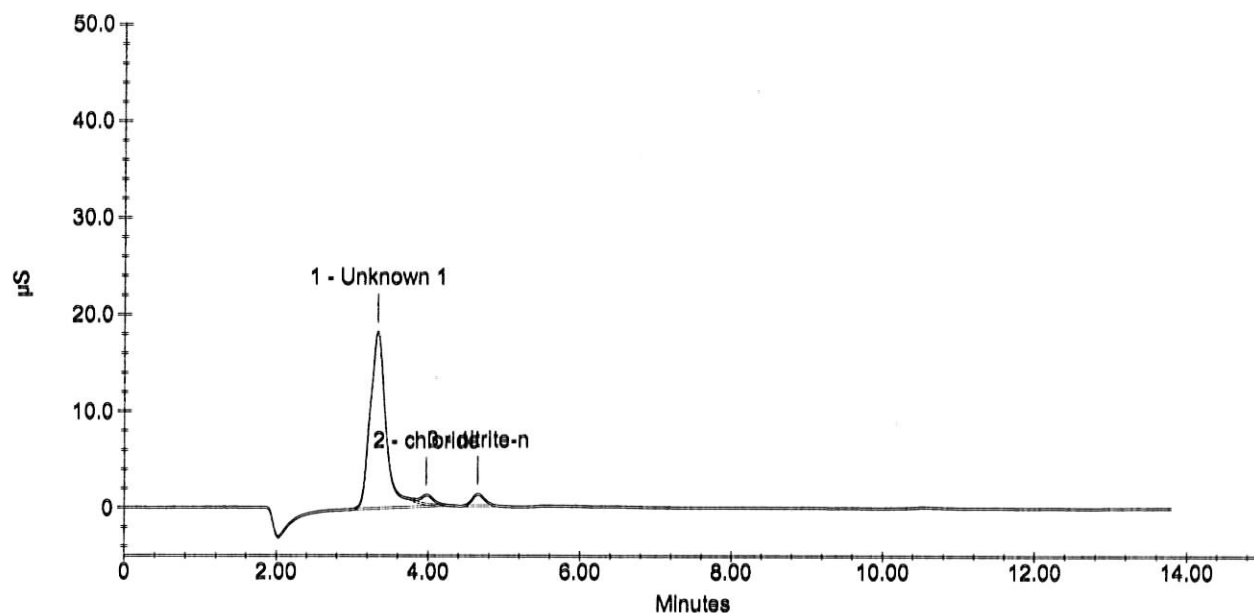
Injection Number : 206

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	2667300	182176	
2	3.97	chloride	5.5984	108946	9229	
3	4.65	nitrite-n	0.7530	134997	11962	

AY04802W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106865

Sample Collection Date: No Date Specified

APPL ID: AY04803

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04803W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_207.DXD

Method File Name : I:\DIONEX\DIANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/9/09 18:19:48

System Operator : PD

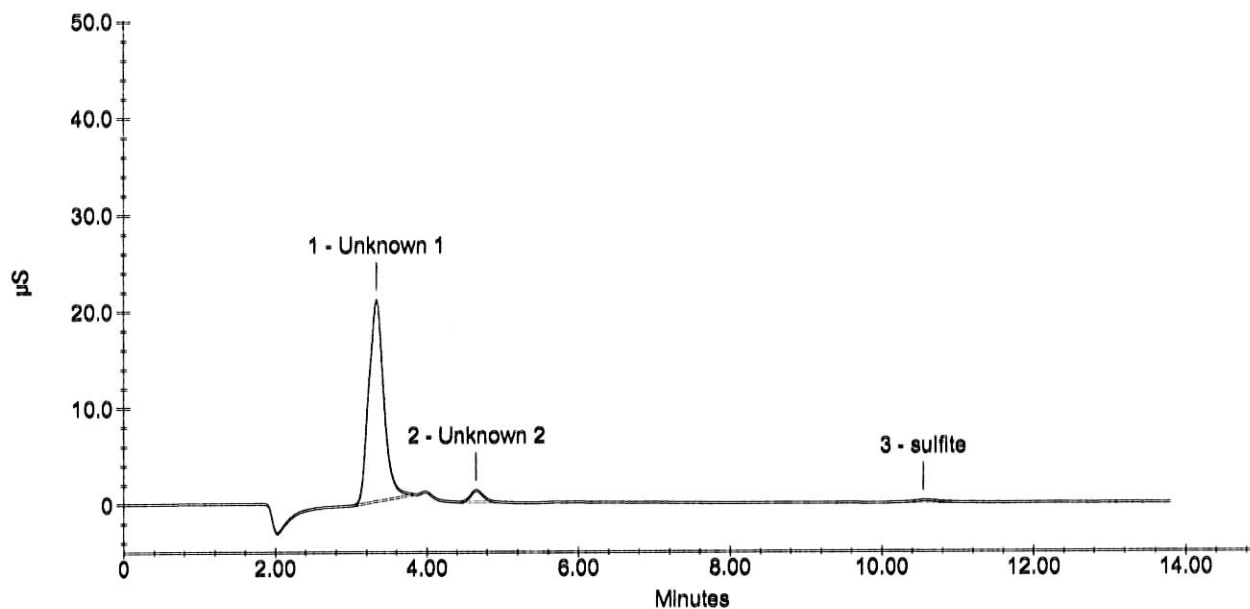
Injection Number : 207

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	2872671	208137	
2	4.65	Unknown 2	0.0000	134925	11721	
3	10.55	sulfite	0.4424	38994	1804	-

AY04803W01 1/5



Sample Analysis Report

Sample Name : AY04803W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_207.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 18:19:48

System Operator : PD

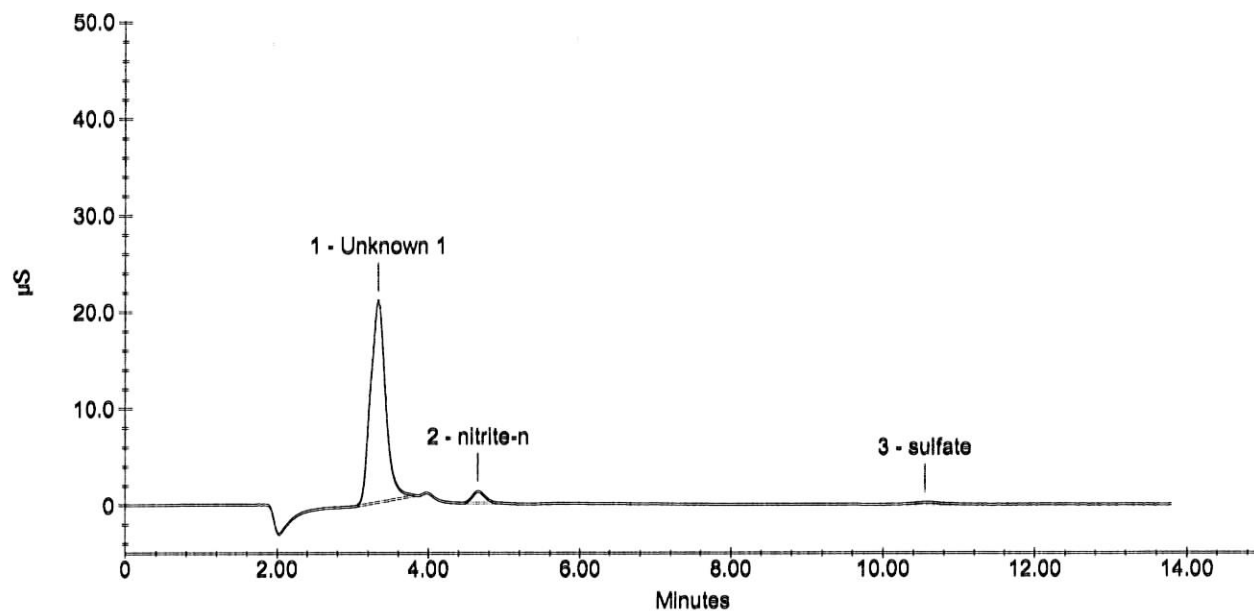
Injection Number : 207

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.33	Unknown 1	0.0000	2872671	208137	
2	4.65	nitrite-n	0.7527	134925	11721	
3	10.55	sulfate	3.0257	38994	1804	

AY04803W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106866

Sample Collection Date: No Date Specified

APPL ID: AY04804

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04804W01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_208.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/9/09 18:36:14

System Operator : PD

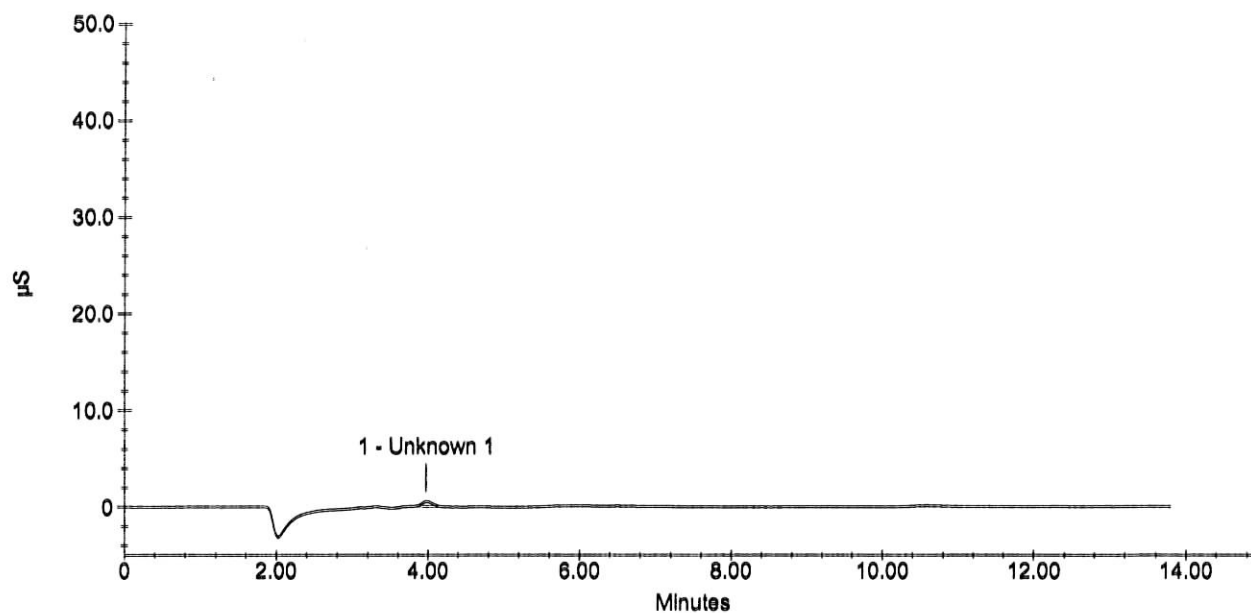
Injection Number : 208

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	Unknown 1	0.0000	45390	4866	

AY04804W01 1/5



Sample Analysis Report

Sample Name : AY04804W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_208.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 18:36:14

System Operator : PD

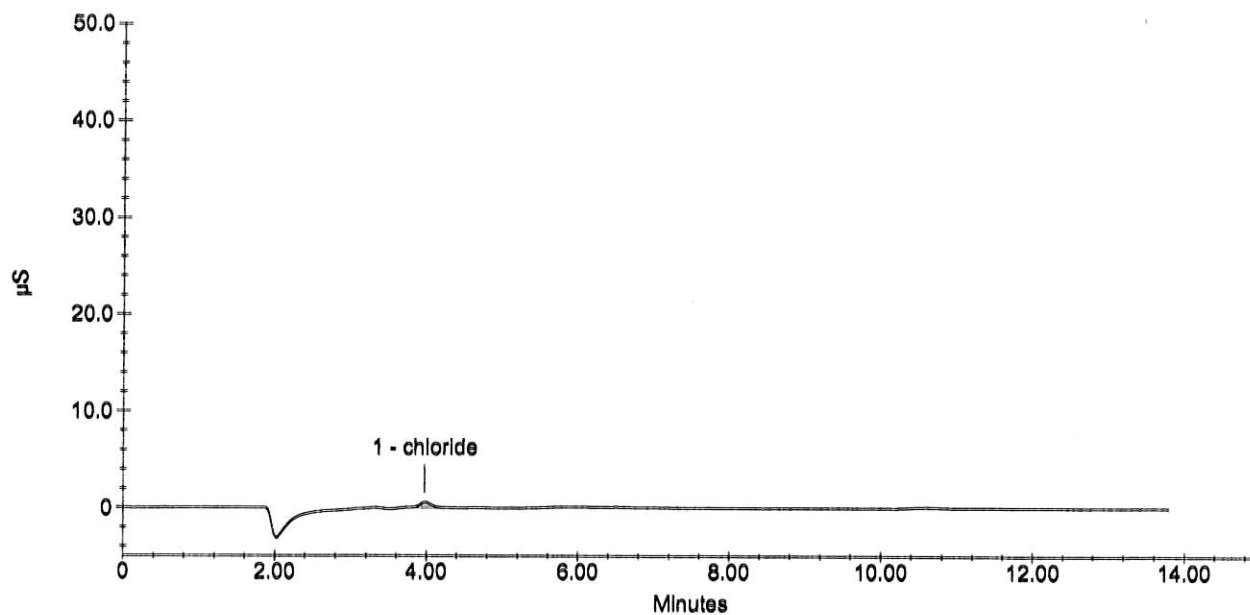
Injection Number : 208

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	chloride	5.2046	45390	4866	

AY04804W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106880

Sample Collection Date: No Date Specified

APPL ID: AY04805

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04805W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_209.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 18:52:38

System Operator : PD

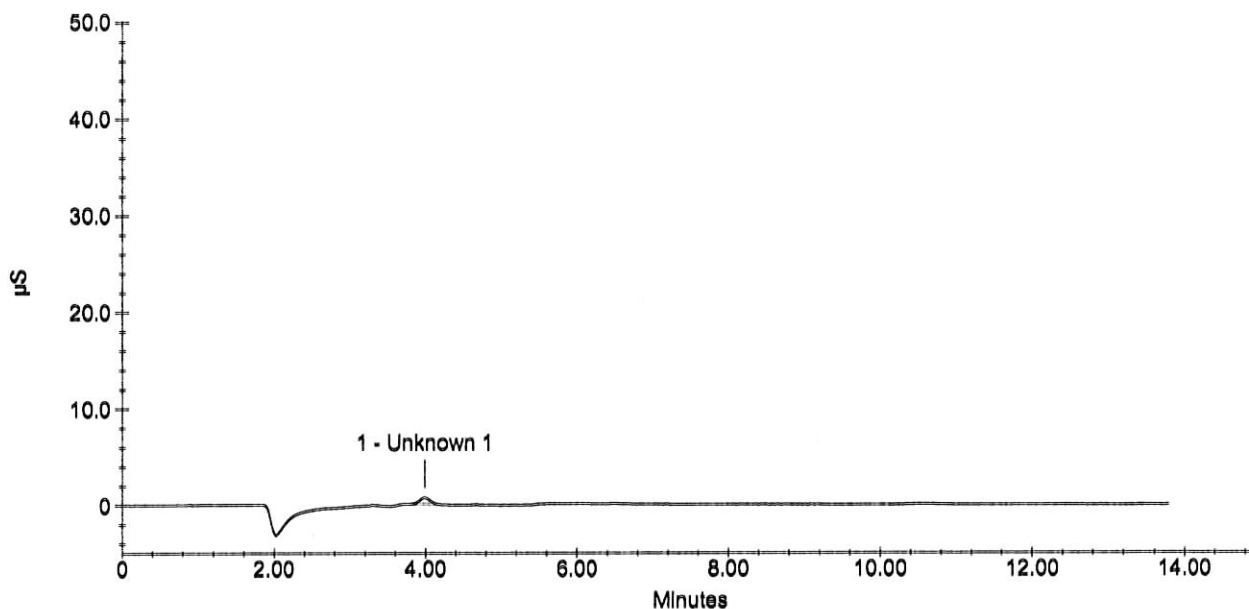
Injection Number : 209

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	Unknown 1	0.0000	62474	6581	

AY04805W01 1/5



Sample Analysis Report

Sample Name : AY04805W01 1/5

Data File Name : i:\dionex\d1anions\data\091007a\091009A_209.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 18:52:38

System Operator : PD

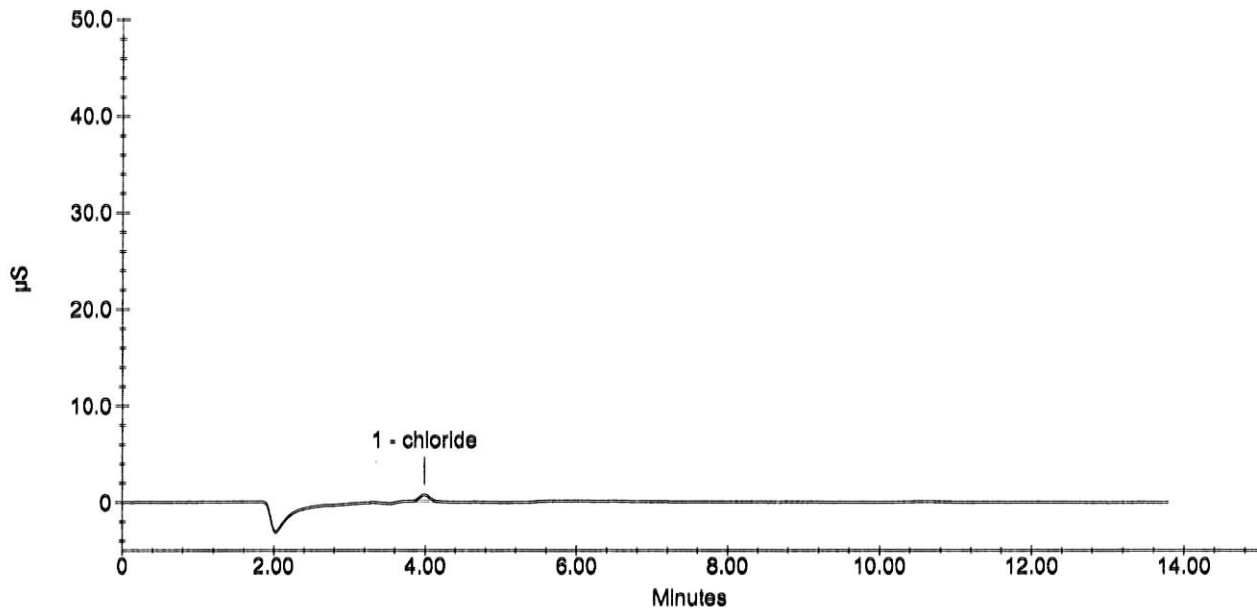
Injection Number : 209

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	chloride	5.3104	62474	6581	

AY04805W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: 106884

Sample Collection Date: No Date Specified

APPL ID: AY04806

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09

Sample Analysis Report

Sample Name : AY04806w01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_210.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 19:09:01

System Operator : PD

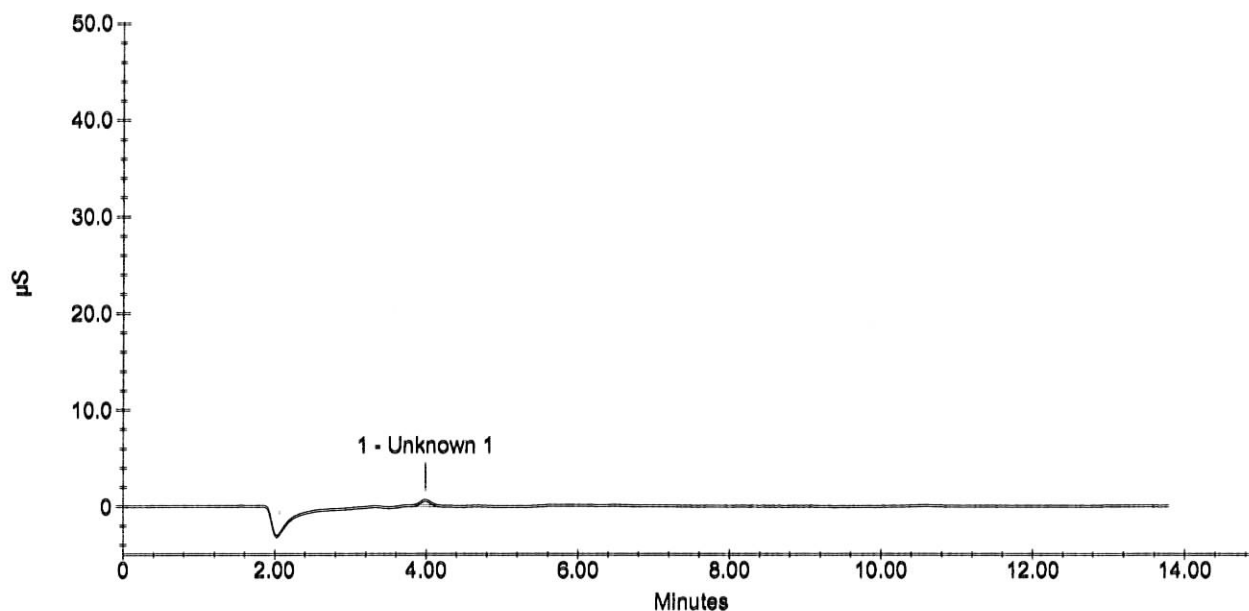
Injection Number : 210

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	Unknown 1	0.0000	48593	5392	

AY04806w01 1/5



Sample Analysis Report

Sample Name : AY04806w01 1/5

Data File Name : i:\dionex\dlanions\data\091007a\091009A_210.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 19:09:01

System Operator : PD

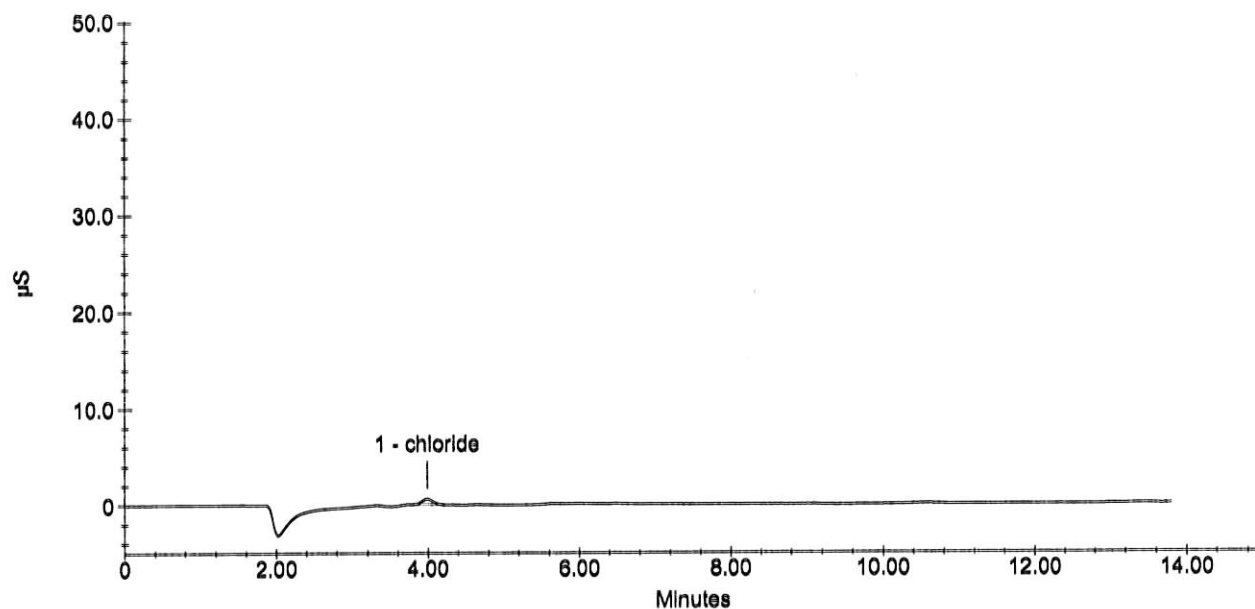
Injection Number : 210

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.99	chloride	5.2244	48593	5392	

AY04806w01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: METHOD BLANK 1

Sample Collection Date: No Date Specified

APPL ID: AY04807

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/12/09	10/12/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/12/09	10/12/09

Sample Analysis Report

Sample Name : AY04807W01 1/5

Data File Name : I:\Dionex\D1Anions\data\091012A\091012A_008.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/12/09 10:09:06

System Operator : PD

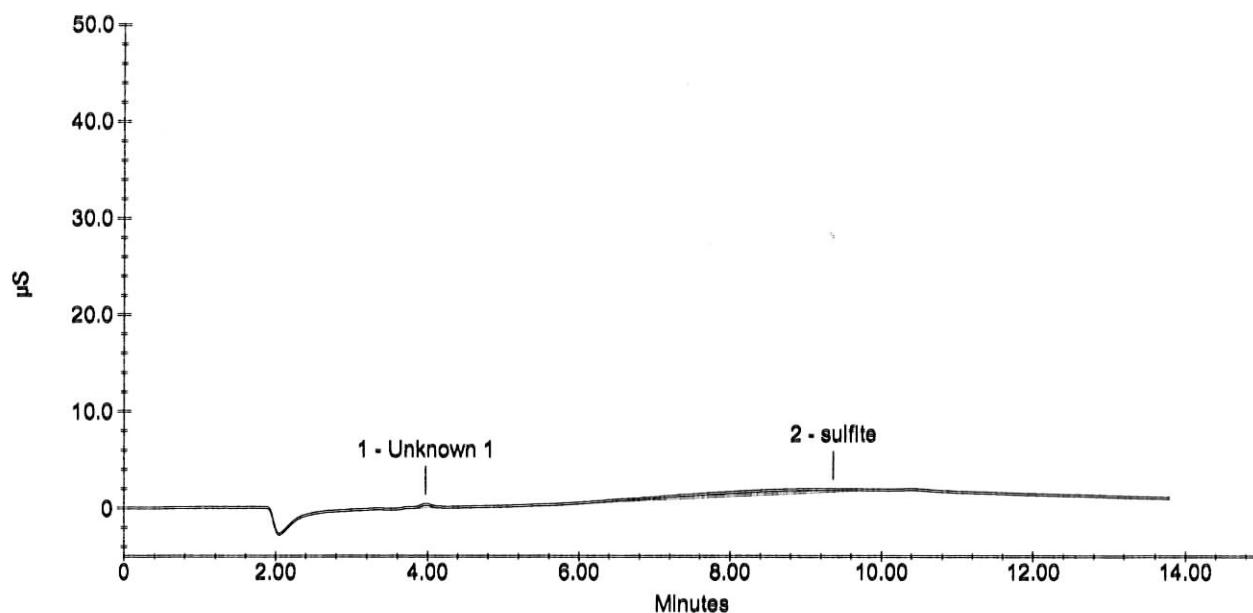
Injection Number : 8

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	Unknown 1	0.0000	23214	2766	
2	9.36	sulfite	9.2103	464314	1609	

AY04807W01 1/5



Sample Analysis Report

Sample Name : AY04807W01 1/5

Data File Name : I:\Dionex\D1Anions\data\091012A\091012A_008.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 10:09:06

System Operator : PD

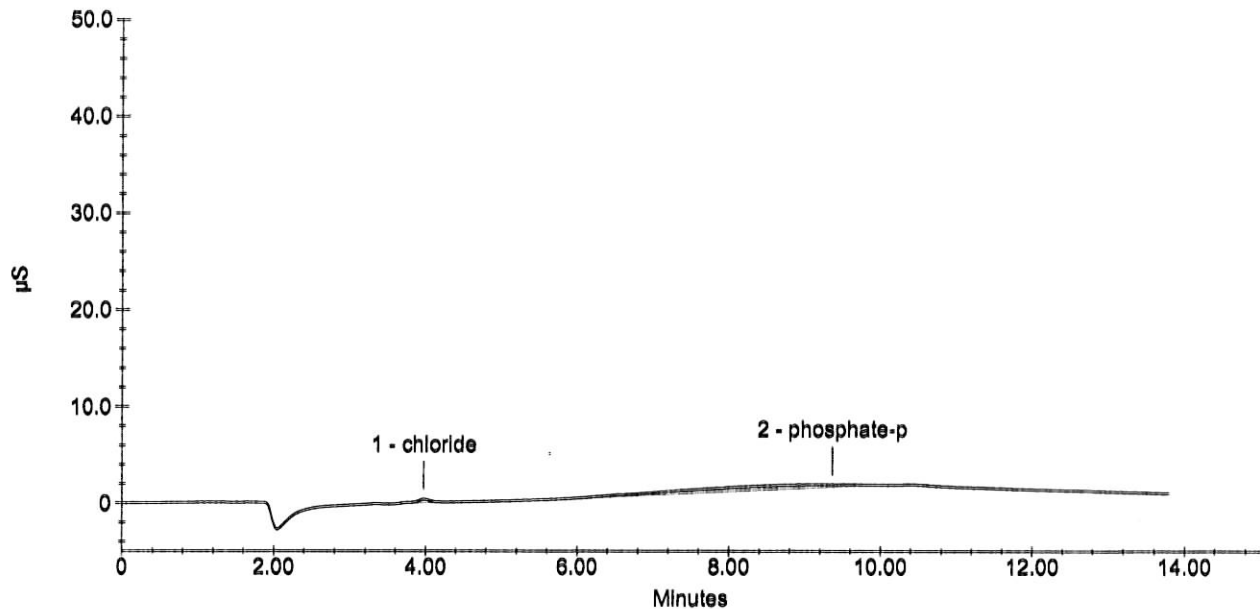
Injection Number : 8

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	chloride	5.0672	23214	2766	
2	9.36	phosphate-p	3.3837	464314	1609	

AY04807W01 1/5



Wet Lab Analysis

Air Toxics Ltd.
180 Blue Ravine Rd.
Folsom, CA 95630

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Attn: Ausha Scott

Project: CPSC 16512

Sample ID: METHOD BLANK 2

Sample Collection Date: No Date Specified

APPL ID: AY04808

ARF: 59916

Method	Analyte	Result	PQL	Units	Prep Date	Analysis Date
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/12/09	10/12/09
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/12/09	10/12/09

Sample Analysis Report

Sample Name : AY04808W01 1/5

Data File Name : i:\dionex\dlanions\data\091012a\091012A_009.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\ufite 08-25-09Low.met

Date Time Collected : 10/12/09 10:25:33

System Operator : PD

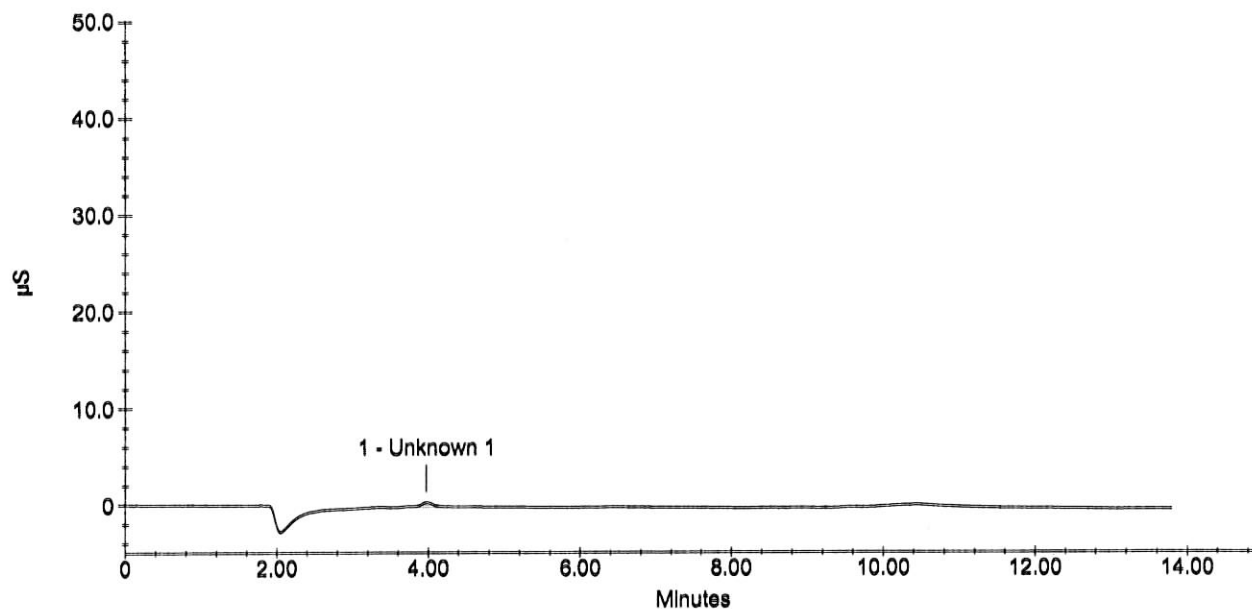
Injection Number : 9

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	Unknown 1	0.0000	35820	3843	

AY04808W01 1/5



Sample Analysis Report

Sample Name : AY04808W01 1/5

Data File Name : i:\dionex\d1anions\data\091012a\091012A_009.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 10:25:33

System Operator : PD

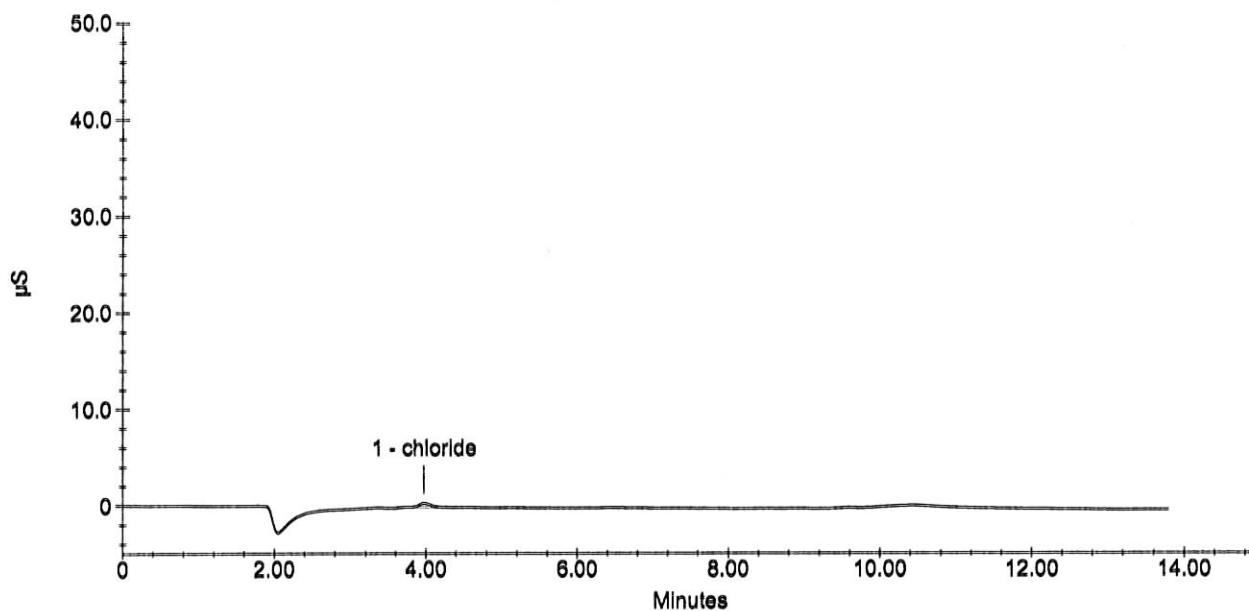
Injection Number : 9

Multiplier : 5.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	3.97	chloride	5.1453	35820	3843	

AY04808W01 1/5



INORGANIC ANALYSIS

Calibration Data

APPL, INC.

INORGANIC ANALYSES
AUTO CALIBRATION

Analytical Method: 300/9056

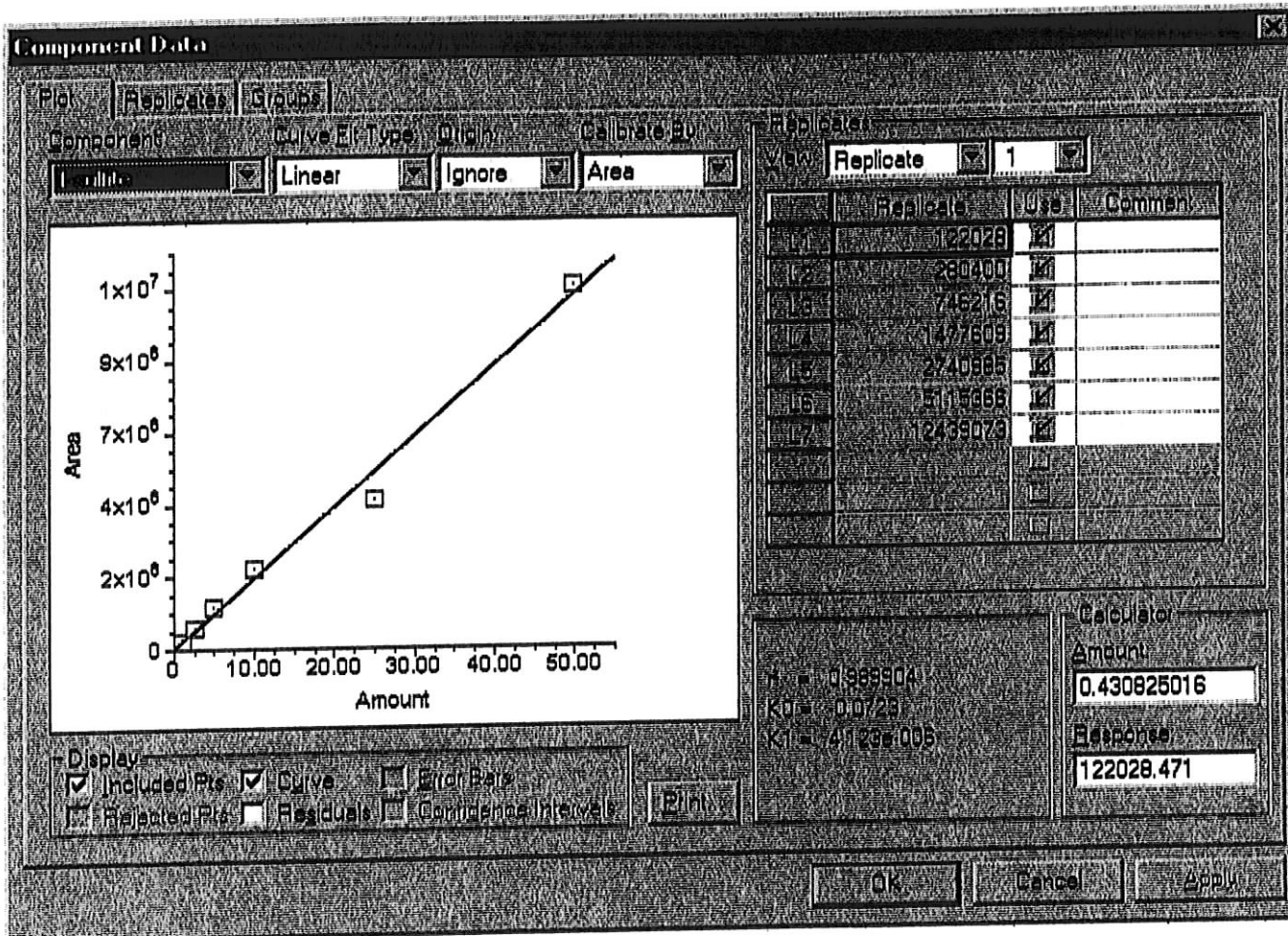
Lab Name: APPL, Inc.

Instrument ID: Dionex

Autocal ID: 090825A

Concentration Units (mg/L or mg/kg): mg/L

	1	2	3	4	5	6	7
Analyte	Autocal 12:26	Autocal 12:41	Autocal 12:57	Autocal 13:12	Autocal 13:28	Autocal 13:43	Autocal 13:59
Sulfite	122028	280400	746216	1477609	2740985	5115366	12439073



A.P.P.L. INC.
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.

Contract: Air Toxics

ARF No.: 59916

SDG: 59916

Initial Calibration Source: Mallinkrodt

Continuing Calibration Source: J.T. Baker

Analysis Date: 8/25/2009

Concentration Units: mg/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
		15:28			16:24				
Sulfite	25.0	22.9153	91.7	25.00	23.7365	94.9			P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

A.P.P.L. INC.

3

BLANKS

Lab Name: A.P.P.L. INC.

Contract: _____

ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (mg/L or mg/kg): mg/L

Analysis Date: 8/25/09

Analyte	Initial Calib. Blank (ug/L) C		Continuing Calibration Blank (ug/L)						Prepa- ration Blank C		M	
	15:12		1 C		2	C	3	C				
Sulfite	5.0	U	5.0	U								P

INORGANIC ANALYSES
AUTO CALIBRATION

Analytical Method: 300/9056

Lab Name: APPL. Inc.

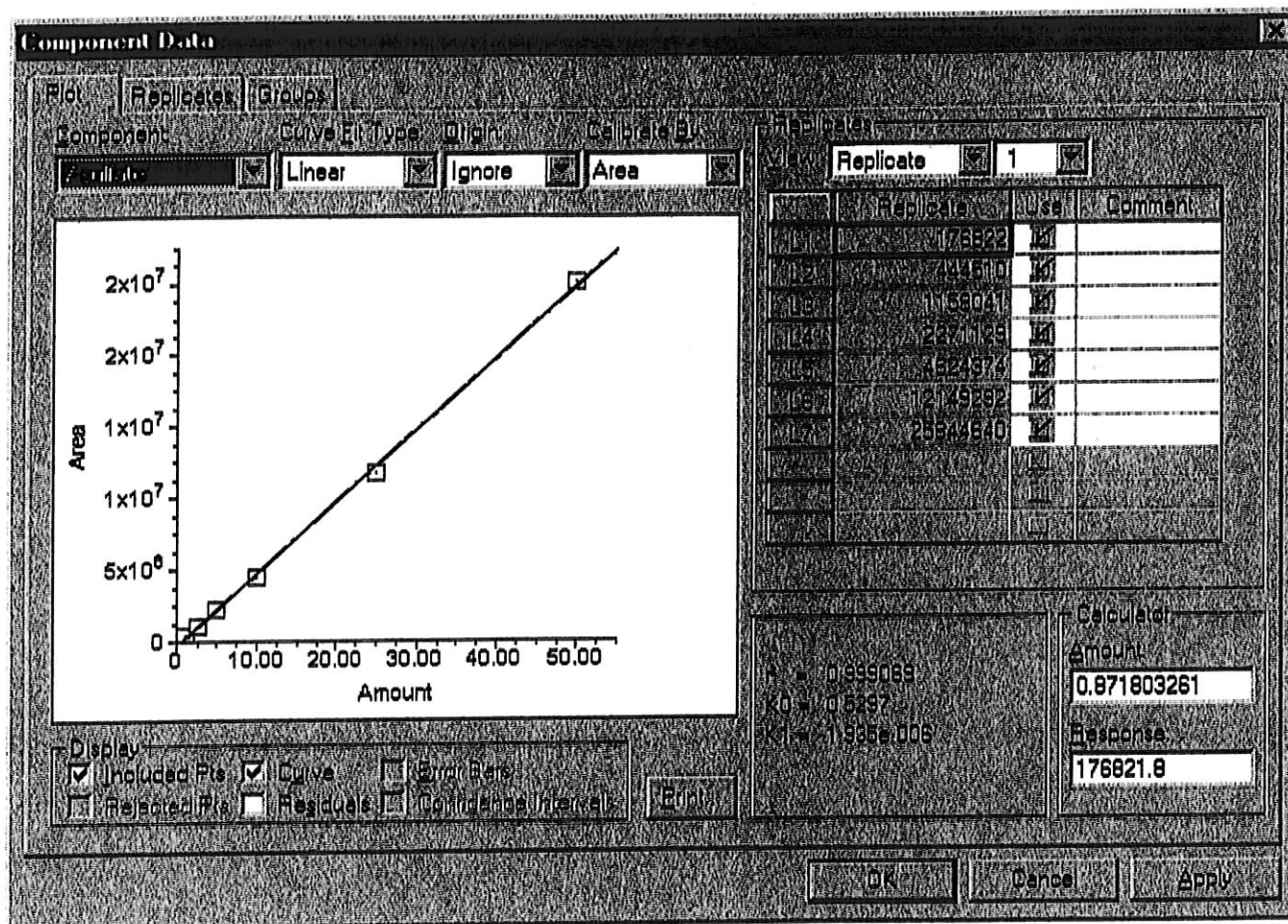
Instrument ID: Dionex

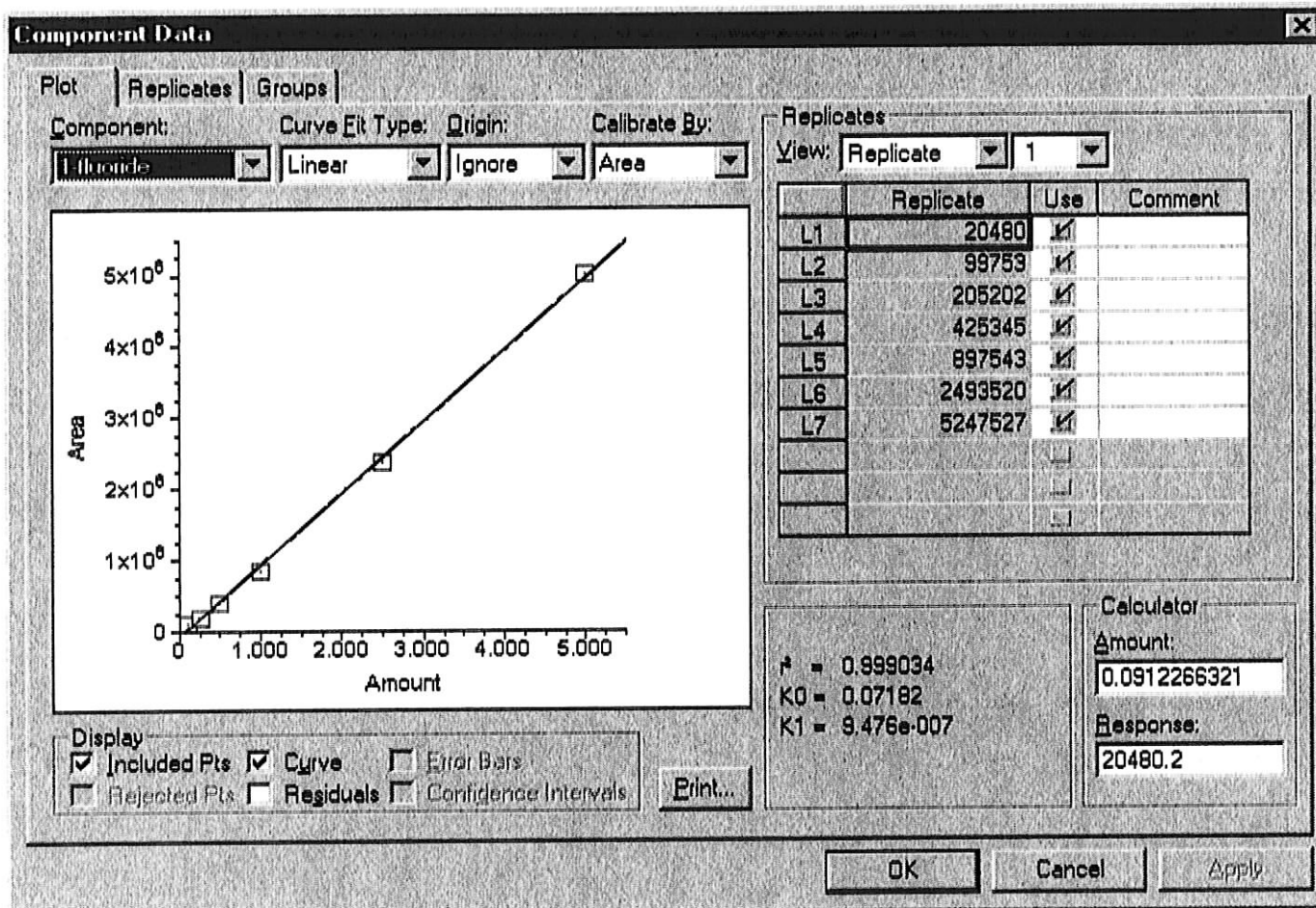
Autocal ID: 090928a

Concentration Units (mg/L or mg/kg): mg/L

Analyte	1	2	3	4	5	6	7
	Autocal 13:25	Autocal 13:42	Autocal 13:58	Autocal 14:15	Autocal 14:31	Autocal 14:48	Autocal 15:21
Bromide	47911	117894	311112	630770	1290197	3457177	7200873
Chloride	284400	622431	1492117	3013976	6440657	18241880	40194723
Fluoride	20480	99752	205202	425345	897542	2493520	5247527
Nitrate-N	143858	278624	710515	1440523	2948678	7905563	17044271
Nitrite-N	38792	87933	303800	608470	1284469	3470086	7116627
Phosphate-P	46202	114825	375886	692515	1357445	3129437	6130483
Sulfate	176821	444510	1158040	2271129	4624374	12149291	25844639

Comments:





INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 09/28/09

Analyte	Calibration Verification									M
	True ICV	Found 16:22	%R(1)	True CCV1	Found 16:55	%R(1)	True	Found	%R(1)	
fluoride	2.5	2.31671	92.7	2.5	2.35805	94.3				
sulfate	5	4.95602	99.1	25	23.8454	95.4				

BLANKS

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (ug/L or mg/kg): mg/L

Analyte	Calibration Blanks										M
	ICB 09/28/09 16:38	C	CCB 09/28/09 17:11	C		C		C		C	
fluoride	1.000	U	1.000	U							
sulfate	5.000	U	5.000	U							

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 10/02/09

Analyte	Calibration Verification									M
	True CCV1	Found 8:38	%R(1)	True CCV1	Found 12:30	%R(1)	True CCV1	Found 17:09	%R(1)	
fluoride	2.5	2.46135	98.5	2.5	2.33308	93.3	2.5	2.32254	92.9	
sulfate	25	24.0529	96.2	25	23.5062	94.0	25	23.9438	95.8	

BLANKS

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (ug/L or mg/kg): mg/L

Analyte	Calibration Blanks										M
	CCB 10/02/09 08:54	C	CCB 10/02/09 13:35	C	CCB 10/02/09 17:42	C		C		C	
fluoride	1.000	U	1.000	U	1.000	U					
sulfate	5.000	U	5.000	U	5.000	U					

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Alr Toxics LTDARF No.: 59916SDG: 59916Initial Calibration Source: MallinckodtContinuing Calibration Source: J.T baker

Analysis Date: 10/02/09

Concentration Units: mg/L

Analyte	Calibration Verification								M
	True CCV1	Found 12:48	%R(1)	True CCV1	Found 16:36	%R(1)	Found	%R(1)	
Sulfite	25.0	23.9304	95.7	50.00	51.6931	103.4			P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

A.P.P.L. INC.
3
BLANKS

Lab Name: A.P.P.L. INC. Contract: Air Toxics LTD

ARF No.: 59916 SDG: 59916

Preparation Blank Matrix (water): water

Preparation Blank Concentration Units : mg/L

Analysis Date: 10/02/09 Concentration Units: mg/L

Analyte	Continuing Calibration Blank (mg/L)								
	CCB		CCB		CCB		CCB		CCB
	10/02/09 13:35	C	10/02/09 17:42	C					
Sulfite	5.0	U	5.0	U					

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 10/05/09

Analyte	Calibration Verification									M
	True CCV1	Found 9:09	%R(1)	True CCV1	Found 13:01	%R(1)	True CCV1	Found 18:18	%R(1)	
fluoride	2.5	2.33953	93.6	2.5	2.34921	94.0	2.5	2.40156	96.1	
sulfate	25	23.2102	92.8	25	24.3619	97.4	25	24.1760	96.7	

BLANKS

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (ug/L or mg/kg): mg/L

Analyte	Calibration Blanks										M
	CCB 10/05/09 09:26	C	CCB 10/05/09 13:34	C	CCB 10/05/09 18:35	C		C		C	
fluoride	1.000	U	1.000	U	1.000	U					
sulfate	5.000	U	5.000	U	5.000	U					

A.P.P.L. INC.
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.

Contract: Air Toxics LTD

ARF No.: 59916

SDG: 59916

Initial Calibration Source: Mallinckodt

Continuing Calibration Source: J.T baker

Analysis Date: 10/05/09

Concentration Units: mg/L

Analyte	Calibration Verification								M
	True CCV1	Found 13:50	%R(1)	True CCV1	Found 17:30	%R(1)	Found	%R(1)	
Sulfite	25.0	23.439	93.8	50.00	49.0445	98.1			P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

A.P.P.L. INC.
3
BLANKS

Lab Name: A.P.P.L. INC. Contract: Air Toxics LTD

ARF No.: 59916 SDG: 59916

Preparation Blank Matrix (water): water

Preparation Blank Concentration Units : mg/L

Analysis Date: 10/05/09 Concentration Units: mg/L

Analyte	Continuing Calibration Blank (mg/L)								
	CCB		CCB						
	10/05/09 13:34	C	10/05/09 18:35	C					
Sulfite	5.0	U	5.0	U					

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 10/6/2009

Analyte	Calibration Verification									M
	True CCV2	Found 9:23	%R(1)	True CCV1	Found 13:55	%R(1)	True	Found	%R(1)	
fluoride	5	5.01750	100	2.5	2.61657	105				
sulfate	25	25.6935	103	25	24.1441	96.6				

BLANKS

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (ug/L or mg/kg): mg/L

Analyte	Calibration Blanks										M
	CCB 10/06/09 10:22	C	CCB 10/06/09 14:12	C		C		C		C	
fluoride	1.000	U	1.000	U							
sulfate	5.000	U	5.000	U							

A.P.P.L. INC.
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.

Contract: Alr Toxics LTD

ARF No.: 59916

SDG: 59916

Initial Calibration Source: Mallinckodt

Continuing Calibration Source: J.T baker

Analysis Date: 10/06/09

Concentration Units: mg/L

Analyte	Calibration Verification								M
	True CCV1	Found 9:49	%R(1)	True CCV1	Found 13:40	%R(1)	Found	%R(1)	
Sulfite	25.0	25.9688	103.9	25.00	23.3829	93.5			P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

A.P.P.L. INC.

3

BLANKS

Lab Name: A.P.P.L. INC. Contract: Air Toxics LTD

ARF No.: 59916 SDG: 59916

Preparation Blank Matrix (water): water

Preparation Blank Concentration Units : mg/L

Analysis Date: 10/06/09

Concentration Units: mg/L

Analyte	Continuing Calibration Blank (mg/L)								
	CCB		CCB						
	10/06/09 10:22	C	10/06/09 14:12	C					
Sulfite	5.0	U	5.0	U					

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 10/07/09

Analyte	Calibration Verification									M
	True CCV1	Found 9:01	%R(1)	True CCV1	Found 13:56	%R(1)	True CCV1	Found 12:03	%R(1)	
fluoride	2.5	2.44588	97.8	2.5	2.41441	96.6	2.5	2.57913	103	
sulfate	25	24.8416	99.4	25	23.9342	95.7	25	23.7697	95.1	

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 10/08/09

Analyte	Calibration Verification									M
	True CCV1	Found 17:09	%R(1)	True CCV1	Found 20:58	%R(1)	True CCV1	Found 12:16	%R(1)	
fluoride	2.5	2.39027	95.6	2.5	2.39098	95.6	2.5	2.33008	93.2	
sulfate	25	23.7406	95.0	25	23.8929	95.6	25	23.6681	94.7	

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 10/09/09

Analyte	Calibration Verification									M
	True CCV1	Found 16:24	%R(1)	True CCV1	Found 20:23	%R(1)	True	Found	%R(1)	
fluoride	2.5	2.37876	95.2	2.5	2.36677	94.7				
sulfate	25	23.8889	95.6	25	23.5692	94.3				

BLANKS

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (ug/L or mg/kg): mg/L

Analyte	Calibration Blanks										M
	CCB 10/07/09 10:06	C	CCB 10/07/09 13:39	C	CCB 10/08/09 13:36	C	CCB 10/08/09 17:25	C	CCB 10/08/09 21:31	C	
fluoride	1.000	U	1.000	U	1.000	U	1.000	U	1.0000	U	
sulfate	5.000	U	5.000	U	5.000	U	5.000	U	5.0000	U	

BLANKS

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (ug/L or mg/kg): mg/L

Analyte	Calibration Blanks										M
	CCB 10/09/09 12:49	C	CCB 10/09/09 16:08	C	CCB 10/09/09 20:56	C		C		C	
fluoride	1.000	U	1.000	U	1.000	U					
sulfate	5.000	U	5.000	U	5.000	U					

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics LTDARF No.: 59916SDG: 59916Initial Calibration Source: MallinckodtContinuing Calibration Source: J.T baker

Analysis Date: 10/07/09

Concentration Units: mg/L

Analyte	Calibration Verification								M
	True CCV1	Found 9:35	%R(1)	True CCV1	Found 13:24	%R(1)	Found 13:04	%R(1)	
Sulfite	25.0	24.2143	96.9	25.00	24.1712	96.7	22.8573	91.4	P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics LTDARF No.: 59916SDG: 59916Initial Calibration Source: MallinckodtContinuing Calibration Source: J.T baker

Analysis Date: 10/08/09

Concentration Units: mg/L

Analyte	Calibration Verification								M
	True CCV1	Found 16:53	%R(1)	True CCV1	Found 13:24	%R(1)	Found	%R(1)	
Sulfite	50.0	47.3146	94.6	50.00	51.0825	102.2			P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics LTDARF No.: 59916SDG: 59916Initial Calibration Source: MallinckodtContinuing Calibration Source: J.T baker

Analysis Date: 10/09/09

Concentration Units: mg/L

Analyte	Calibration Verification								M
	True CCV1	Found 14:14	%R(1)	True CCV1	Found 15:51	%R(1)	Found 20:07	%R(1)	
Sulfite	25.0	23.1813	92.7	25.00	23.1559	92.6	23.0222	92.1	P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

A.P.P.L. INC.

3

BLANKS

Lab Name: A.P.P.L. INC. Contract: Air Toxics LTD

ARF No.: 59916 SDG: 59916

Preparation Blank Matrix (water): water

Preparation Blank Concentration Units : mg/L

Analysis Date: 10/07/09 Concentration Units: mg/L

Analyte	Continuing Calibration Blank (mg/L)							
	CCB		CCB		CCB		CCB	
	10/07/09 10:06	C	10/07/09 13:39	C	10/08/09 13:36	C	10/08/09 17:25	C
Sulfite	5.0	U	5.0	U	5.0	U	5.0	U

A.P.P.L. INC.

3

BLANKS

Lab Name: A.P.P.L. INC. Contract: Air Toxics LTD

ARF No.: 59916 SDG: 59916

Preparation Blank Matrix (water): water

Preparation Blank Concentration Units : mg/L

Analysis Date: 10/07/09

Concentration Units: mg/L

Analyte	Continuing Calibration Blank (mg/L)							
	CCB		CCB		CCB		CCB	
	10/08/09 21:31	C	10/09/09 12:49	C	10/09/09 16:08	C	10/09/09 20:56	C
Sulfite	5.0	U	5.0	U	5.0	U	5.0	U

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No: 59916SDG: 59916Initial Calibration Source: CPIContinuing Calibration Source: Environmental ExpressAnalysis Date: 10/12/09

Analyte	Calibration Verification									M
	True CCV1	Found 8:30	%R(1)	True CCV1	Found 13:11	%R(1)	True	Found	%R(1)	
fluoride	2.5	2.43359	97.3	2.5	2.42838	97.1				
sulfate	25	23.9074	95.6	25	24.3228	97.3				

BLANKS

Lab Name: A.P.P.L. INC.Contract: Air Toxics Ltd.ARF No.: 59916SDG: 59916Preparation Blank Matrix (soil/water): waterPreparation Blank Concentration Units (ug/L or mg/kg): mg/L

Analyte	Calibration Blanks										M
	CCB 10/12/09 09:36	C	CCB 10/12/09 13:28	C		C		C		C	
fluoride	1.000	U	1.000	U							
sulfate	5.000	U	5.000	U							

A.P.P.L. INC.
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: A.P.P.L. INC.

Contract: Air Toxics LTD

ARF No.: 59916

SDG: 59916

Initial Calibration Source: Mallinckodt

Continuing Calibration Source: J.T baker

Analysis Date: 10/12/09

Concentration Units: mg/L

Analyte	Calibration Verification								M
	True CCV1	Found 9:04	%R(1)	True CCV1	Found 12:56	%R(1)	Found	%R(1)	
Sulfite	25.0	24.8863	99.5	25.00	23.7723	95.1			P

(1) Control Limits: Wetlab 90-110

FORM II (PART 1) - IN

ILM02.0

A.P.P.L. INC.
3
BLANKS

Lab Name: A.P.P.L. INC. Contract: Air Toxics LTD

ARF No.: 59916 SDG: 59916

Preparation Blank Matrix (water): water

Preparation Blank Concentration Units : mg/L

Analysis Date: 10/12/09 Concentration Units: mg/L

Analyte	Continuing Calibration Blank (mg/L)							
	CCB		CCB					
	10/12/09 9:36	C	10/12/09 13:28	C				
Sulfite	5.0	U	5.0	U				

Calibration Update Report

Sample Name : sulfite090825AICAL#1

Data File Name : I:\dionex\dlanions\data\090825a\090825a_012.DXD

Method File Name : ...EPA sulfite 08-25-09Low.met

Schedule File Name : ...090825a.sch

Date Time Collected : 8/25/09 12:26:03

Calibration Date : 8/26/09 12:48:29

System Operator : PD

Injection Number : 12

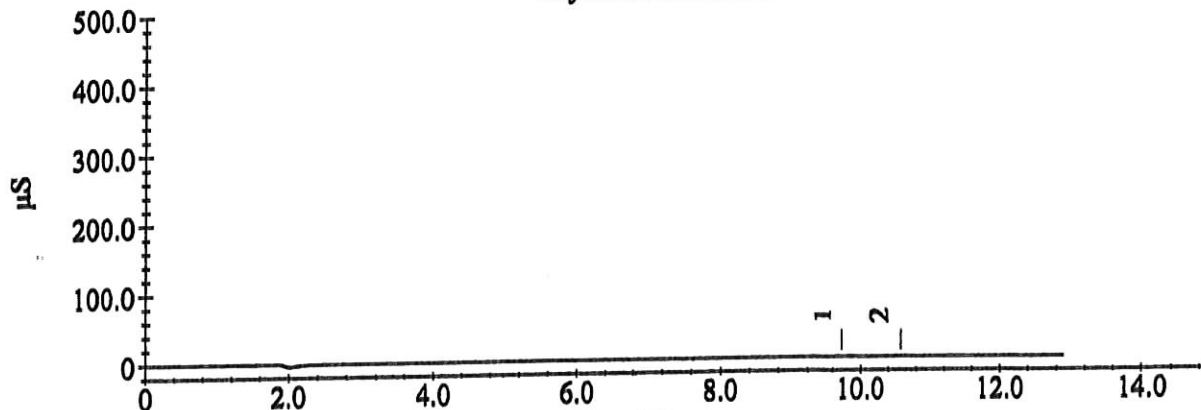
Peak Information : All Components

Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	9.73	sulfite	122028	122028	122028

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	9.73	sulfite	0.50	122028	5825	-

sulfite090825AICAL#1



Calibration Update Report

Sample Name : sulfite090825AICAL#2

Data File Name : I:\dionex\dlanions\data\090825a\090825a_013.DXD

Method File Name : ...\\EPAsulfite 08-25-09Low.met

Calibration Date : 8/26/09 12:48:41

Schedule File Name : ...\\090825a.sch

System Operator : PD

Date Time Collected : 8/25/09 12:41:36

Injection Number : 13

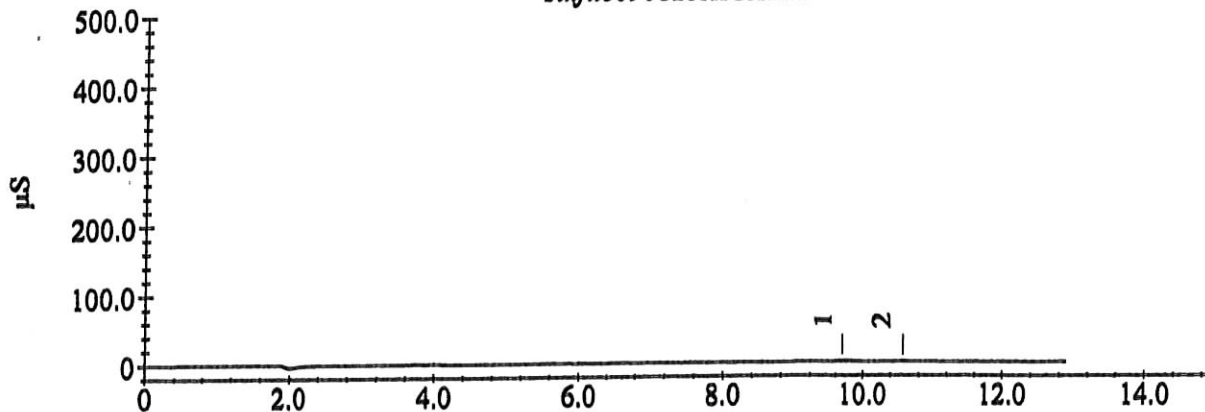
Peak Information : All Components

Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	9.71	sulfite	280400	280400	280400

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	9.71	sulfite	1.00	280400	12606	

sulfite090825AICAL#2



Calibration Update Report

Sample Name : sulfite090825AICAL#3

Data File Name : i:\dionex\dlanlons\data\090825a\090825a_014.DXD

Method File Name : ...\\EPAsulfite 08-25-09Low.met

Schedule File Name : ...\\090825a.sch

Date Time Collected : 8/25/09 12:57:10

Calibration Date : 8/26/09 12:48:48

System Operator : PD

Injection Number : 14

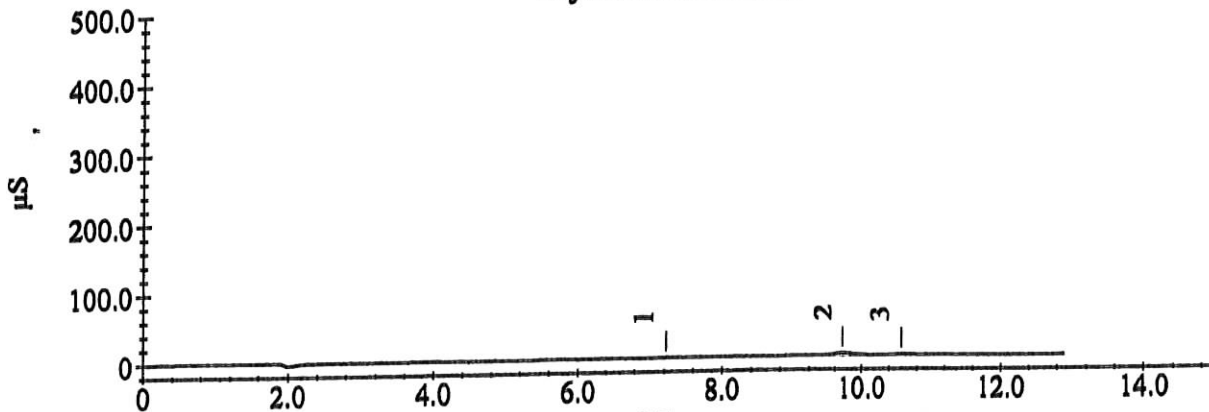
Peak Information : All Components

Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
2	9.72	sulfite	746216	746216	746216

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
2	9.72	sulfite	2.50	746216	33264	

sulfite090825AICAL#3



Calibration Update Report

Sample Name : sulfite090825AICAL#4

Data File Name : i:\dionex\dlanions\data\090825a\090825a_015.DXD

Method File Name : ...\\EPAsulfite 08-25-09Low.met

Calibration Date : 8/26/09 12:48:55

Schedule File Name : ...\\090825a.sch

System Operator : PD

Date Time Collected : 8/25/09 13:12:41

Injection Number : 15

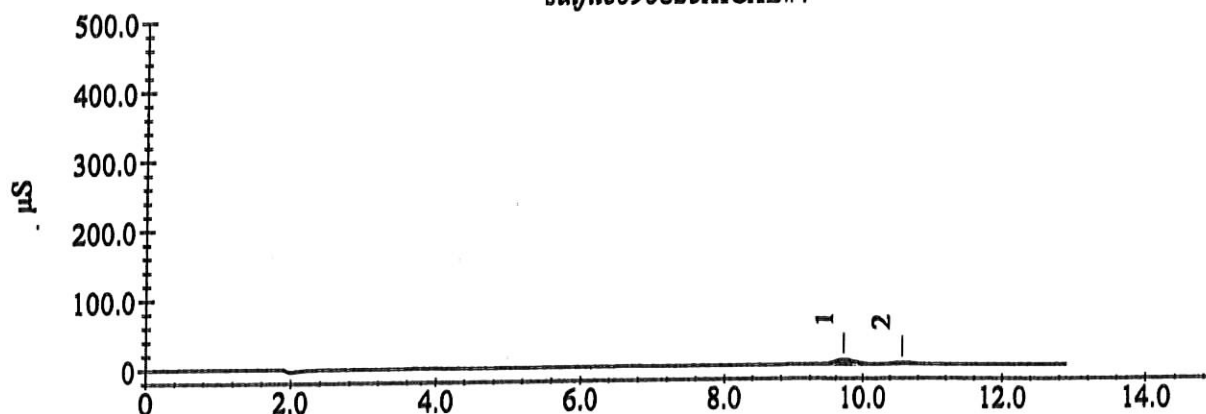
Peak Information : All Components

Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	9.72	sulfite	1477609	1477609	1477609

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	9.72	sulfite	5.00	1477609	64681	

sulfite090825AICAL#4



Calibration Update Report

Sample Name : sulfite090825AICAL#5

Data File Name : I:\dlonex\dlanions\data\090825a\090825a_016.DXD

Method File Name : ...\\EPAsulfite 08-25-09Low.met

Schedule File Name : ...\\090825a.sch

Date Time Collected : 8/25/09 13:28:16

Calibration Date : 8/26/09 12:49:02

System Operator : PD

Injection Number : 16

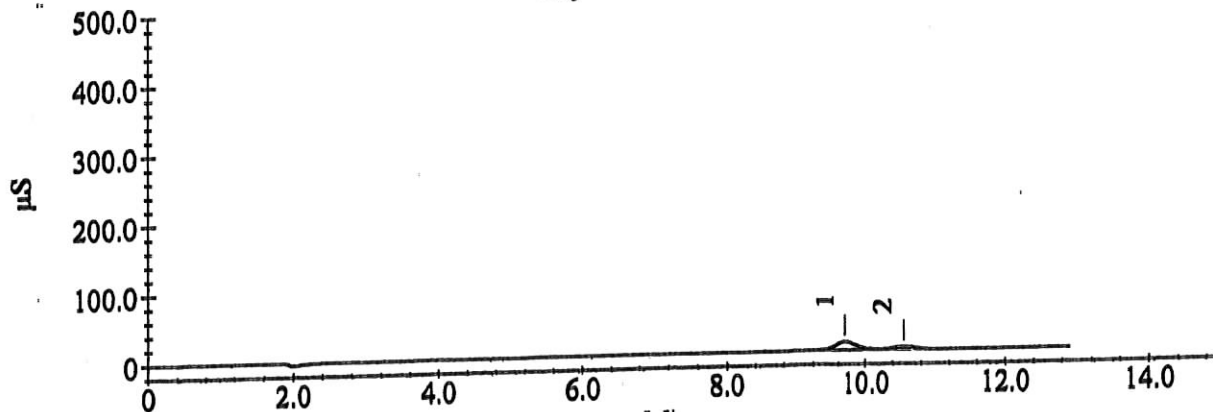
Peak Information : All Components

Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	9.69	sulfite	2740985	2740985	2740985

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	9.69	sulfite	10.00	2740985	120876	

sulfite090825AICAL#5



Calibration Update Report

Sample Name : sulfite090825AICAL#6

Data File Name : i:\dionex\dlanions\data\090825a\090825a_017.DXD

Method File Name : ...\\EPAsulfite 08-25-09Low.met

Schedule File Name : ...\\090825a.sch

Date Time Collected : 8/25/09 13:43:47

Calibration Date : 8/26/09 12:49:08

System Operator : PD

Injection Number : 17

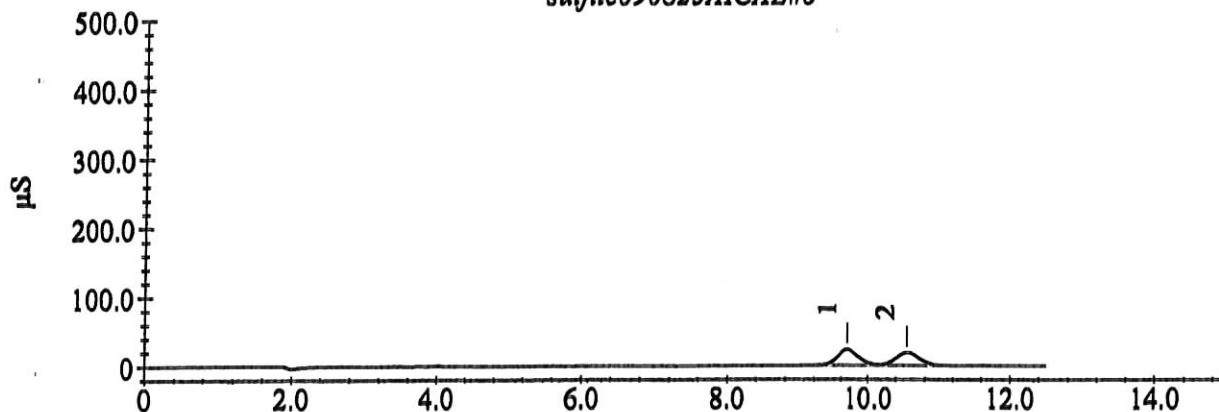
Peak Information : All Components

Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	9.69	sulfite	5115366	5115366	5115366

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	9.69	sulfite	25.00	5115366	230916	

sulfite090825AICAL#6



Calibration Update Report

Sample Name : sulfit090825AICAL#7

Data File Name : f:\dionex\dlanions\data\090825a\090825a_018.DXD

Method File Name : ...\\EPAsufite 08-25-09Low.met

Calibration Date : 8/26/09 12:49:14

Schedule File Name : ...\\090825a.sch

System Operator : PD

Date Time Collected : 8/25/09 13:59:08

Injection Number : 18

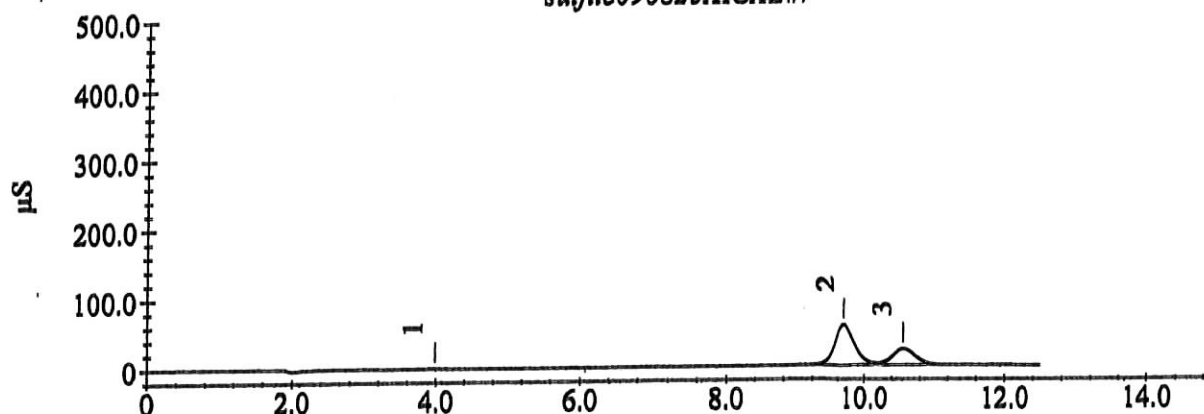
Peak Information : All Components

Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
2	9.69	sulfit0	12439073	12439073	12439073

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
2	9.69	sulfit0	50.00	12439073	580338	

sulfit090825AICAL#7



Sample Analysis Report

Sample Name : sulfite 090825 icb

Data File Name : i:\dionex\dlanions\data\090825a\090825a_022.DXD

Method File Name : i:\dionex\dlanions\methods\epasufite 08-25-09low.met

Date Time Collected : 8/25/09 15:12:57

System Operator : PD

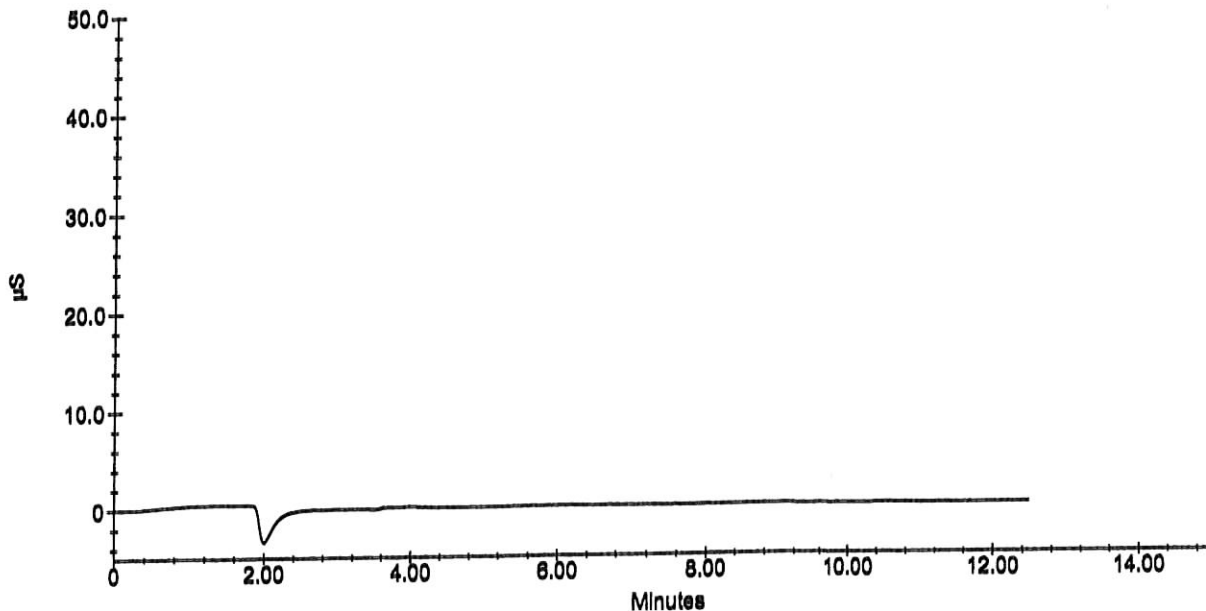
Injection Number : 22

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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sulfite 090825 icb



Sample Analysis Report

Sample Name : sulfite 090825 icv 25.0PPM

Data File Name : I:\DIONEX\DIANIONS\DATA\090825A\090825A_023.DXD

Method File Name : i:\dionex\diانions\methods\epasufite 08-25-09low.met

Date Time Collected : 8/25/09 15:28:03

System Operator : PD

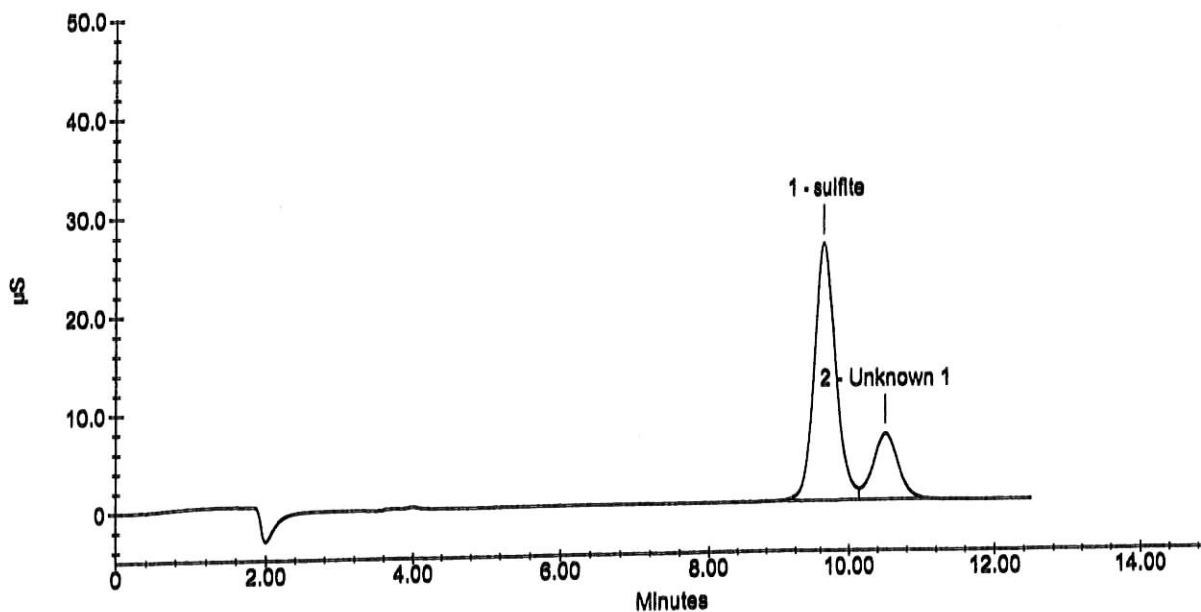
Injection Number : 23

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.63	sulfite	22.9153	5788540	259917	
2	10.49	Unknown 1	0.0000	1593563	66650	

sulfite 090825 icv 25.0PPM



Sample Analysis Report

Sample Name : sulfite 090825 ccb

Data File Name : i:\dionex\dlanions\data\090825a\090825a_025.DXD

Method File Name : i:\dionex\dlanions\methods\epasufite 08-25-09low.met

Date Time Collected : 8/25/09 16:09:15

System Operator : PD

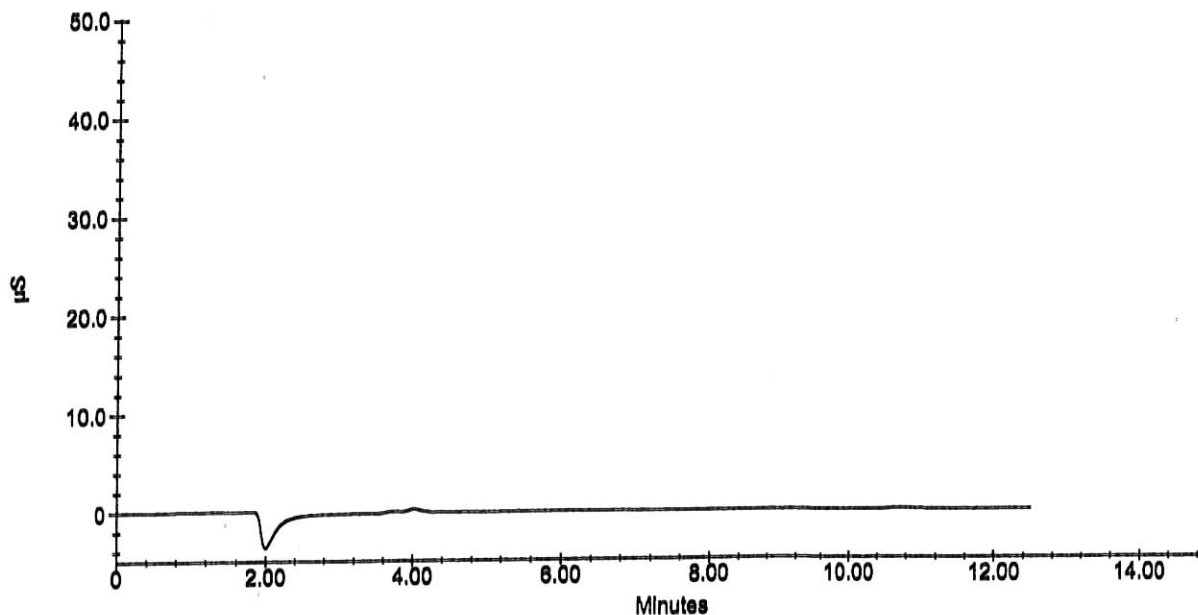
Injection Number : 25

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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sulfite 090825 ccb



Sample Analysis Report

Sample Name : sulfite 090825 CCV 25.00PPM

Data File Name : i:\dionex\dlanions\data\090825a\090825a_026.DXD

Method File Name : i:\dionex\dlanions\methods\epasulfite 08-25-09low.met

Date Time Collected : 8/25/09 16:24:20

System Operator : PD

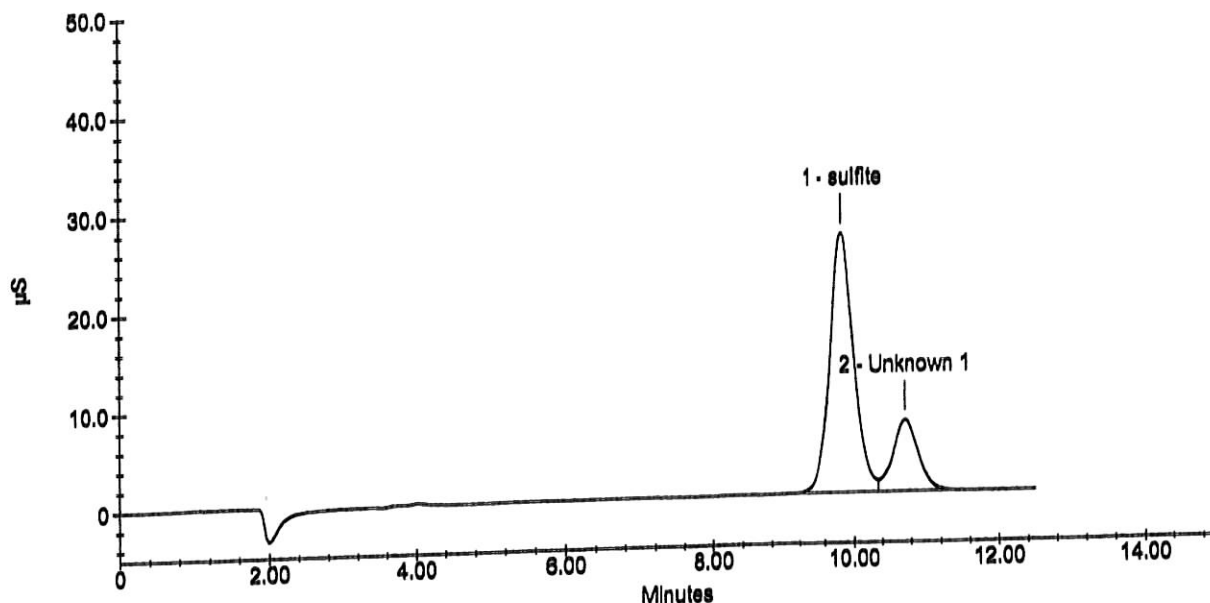
Injection Number : 26

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.83	sulfite	23.7365	5991464	262656	
2	10.71	Unknown 1	0.0000	1765324	72128	

sulfite 090825 CCV 25.00PPM



Calibration Update Report

Sample Name : 090928AICAL#1

Data File Name : I:\dionex\dl1anions\data\090928a\090928a_009.DXD

Method File Name : ...EPA300 09-28-09Low.met

Calibration Date : 9/28/09 16:00:56

Schedule File Name : ...090928a.sch

System Operator : pd

Date Time Collected : 9/28/09 13:25:27

Injection Number : 9

Peak Information : All Components

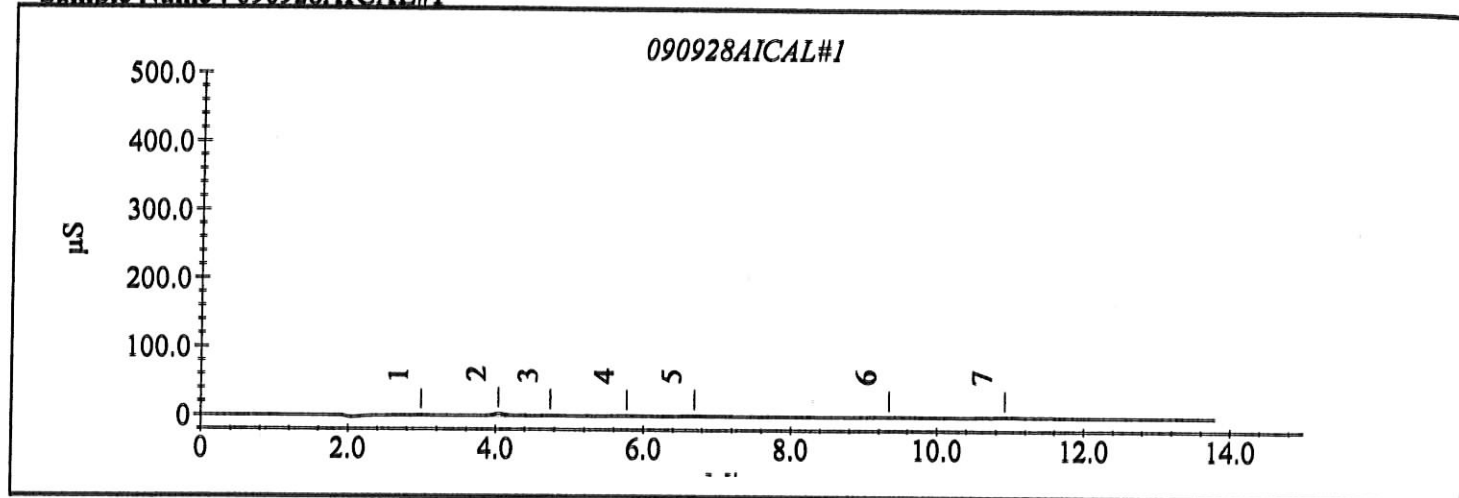
Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	2.99	fluoride	20480	20480	20480
2	4.04	chloride	284400	284400	284400
3	4.75	nitrite-n	38792	38792	38792
4	5.77	bromide	47912	47912	47912
5	6.69	nitrate-n	143859	143859	143859
6	9.33	phosphate-p	46203	46203	46203
7	10.92	sulfate	176822	176822	176822

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	2.99	fluoride	0.05	20480	2910	-
2	4.04	chloride	0.50	284400	25260	-
3	4.75	nitrite-n	0.05	38792	3744	-
4	5.77	bromide	0.25	47912	3771	-
5	6.69	nitrate-n	0.10	143859	7755	-
6	9.33	phosphate-p	0.10	46203	2529	-
7	10.92	sulfate	0.50	176822	7395	-



Sample Name : 090928AICAL#1



Calibration Update Report

Sample Name : 090928AICAL#2

Data File Name : I:\DIONEX\DIANIONS\DATA\090928A\090928A_010.DXD

Method File Name : ...EPA300 09-28-09Low.met

Calibration Date : 9/28/09 16:01:19

Schedule File Name : ...090928a.sch

System Operator : pd

Date Time Collected : 9/28/09 13:42:03

Injection Number : 10

Peak Information : All Components

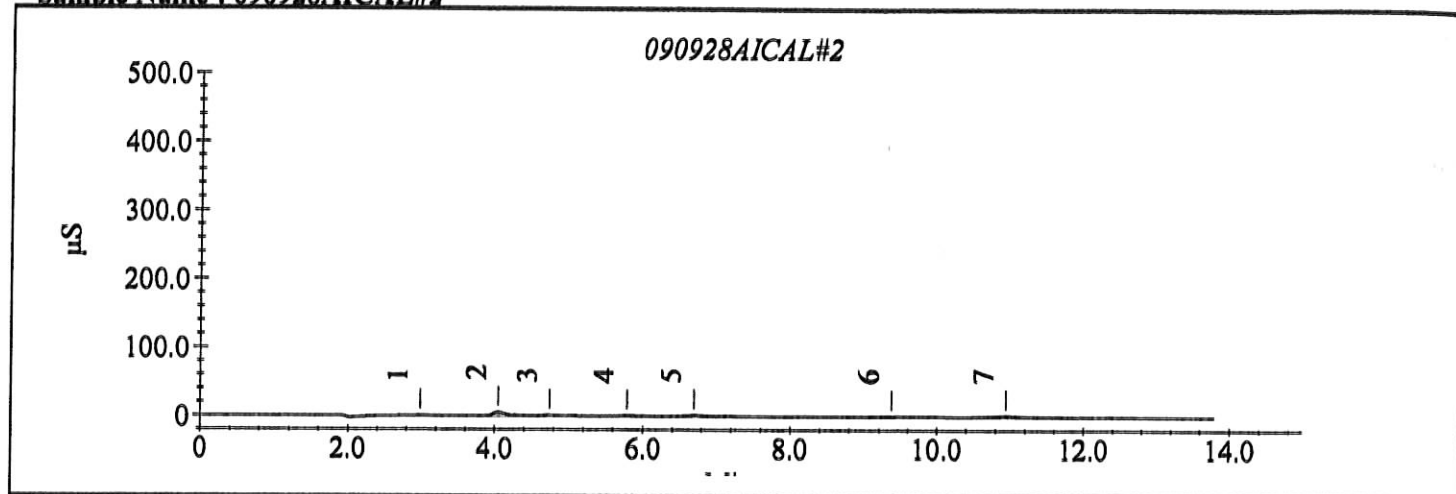
Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	2.99	fluoride	99753	99753	99753
2	4.05	chloride	622431	622431	622431
3	4.75	nitrite-n	87933	87933	87933
4	5.79	bromide	117894	117894	117894
5	6.69	nitrate-n	278624	278624	278624
6	9.37	phosphate-p	114825	114825	114825
7	10.95	sulfate	444510	444510	444510

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	2.99	fluoride	0.10	99753	7798	
2	4.05	chloride	1.00	622431	52202	
3	4.75	nitrite-n	0.10	87933	7999	
4	5.79	bromide	0.50	117894	7870	
5	6.69	nitrate-n	0.20	278624	15615	
6	9.37	phosphate-p	0.20	114825	4568	
7	10.95	sulfate	1.00	444510	15489	



Sample Name : 090928AICAL#2



Calibration Update Report

Sample Name : 090928AICAL#3

Data File Name : I:\dlonex\dlanlons\data\090928a\090928a_011.DXD

Method File Name : ...EPA300 09-28-09Low.met

Calibration Date : 9/28/09 16:01:37

Schedule File Name : ...090928a.sch

System Operator : pd

Date Time Collected : 9/28/09 13:58:40

Injection Number : 11

Peak Information : All Components

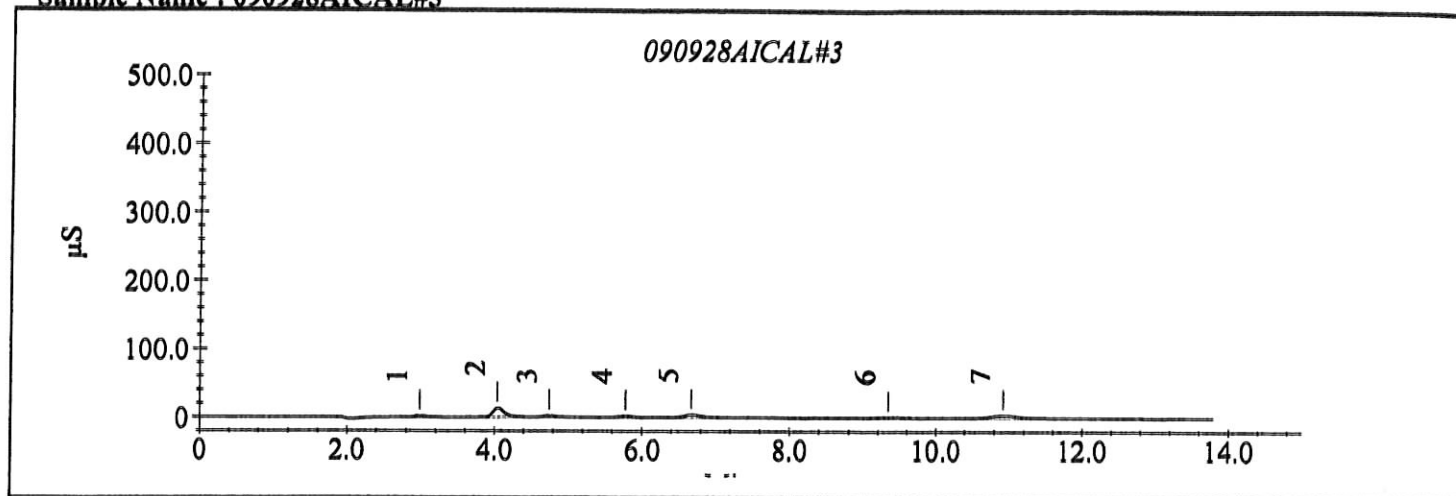
Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	2.99	fluoride	205202	205202	205202
2	4.04	chloride	1492117	1492117	1492117
3	4.75	nitrite-n	303800	303800	303800
4	5.77	bromide	311113	311113	311113
5	6.67	nitrate-n	710516	710516	710516
6	9.33	phosphate-p	375887	375887	375887
7	10.92	sulfate	1158041	1158041	1158041

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	2.99	fluoride	0.25	205202	18748	
2	4.04	chloride	2.50	1492117	130706	
3	4.75	nitrite-n	0.25	303800	22193	
4	5.77	bromide	1.25	311113	20258	
5	6.67	nitrate-n	0.50	710516	39358	
6	9.33	phosphate-p	0.50	375887	12554	
7	10.92	sulfate	2.50	1158041	39225	



Sample Name : 090928AICAL#3



Calibration Update Report

Sample Name : 090928AICAL#4

Data File Name : i:\dionex\d1anions\data\090928a\090928a_012.DXD

Method File Name : ...\\EPA300 09-28-09Low.met

Calibration Date : 9/28/09 16:01:55

Schedule File Name : ...\\090928a.sch

System Operator : pd

Date Time Collected : 9/28/09 14:15:18

Injection Number : 12

Peak Information : All Components

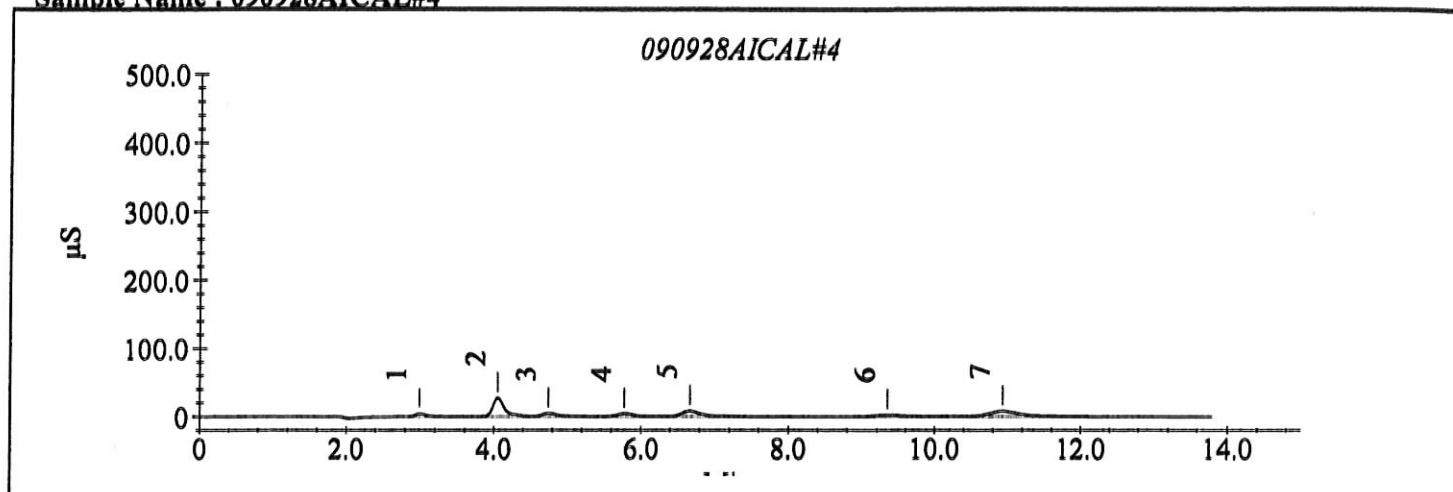
Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	2.99	fluoride	425345	425345	425345
2	4.05	chloride	3013976	3013976	3013976
3	4.75	nitrite-n	608470	608470	608470
4	5.77	bromide	630771	630771	630771
5	6.67	nitrate-n	1440523	1440523	1440523
6	9.35	phosphate-p	692515	692515	692515
7	10.93	sulfate	2271129	2271129	2271129

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	2.99	fluoride	0.50	425345	38091	
2	4.05	chloride	5.00	3013976	269269	
3	4.75	nitrite-n	0.50	608470	44542	
4	5.77	bromide	2.50	630771	40835	
5	6.67	nitrate-n	1.00	1440523	79337	
6	9.35	phosphate-p	1.00	692515	23357	
7	10.93	sulfate	5.00	2271129	76849	



Sample Name : 090928AICAL#4



Calibration Update Report

Sample Name : 090928AICAL#5

Data File Name : I:\dionex\d1anions\data\090928a\090928a_013.DXD

Method File Name : ...EPA300 09-28-09Low.met

Calibration Date : 9/28/09 16:02:13

Schedule File Name : ...090928a.sch

System Operator : pd

Date Time Collected : 9/28/09 14:31:53

Injection Number : 13

Peak Information : All Components

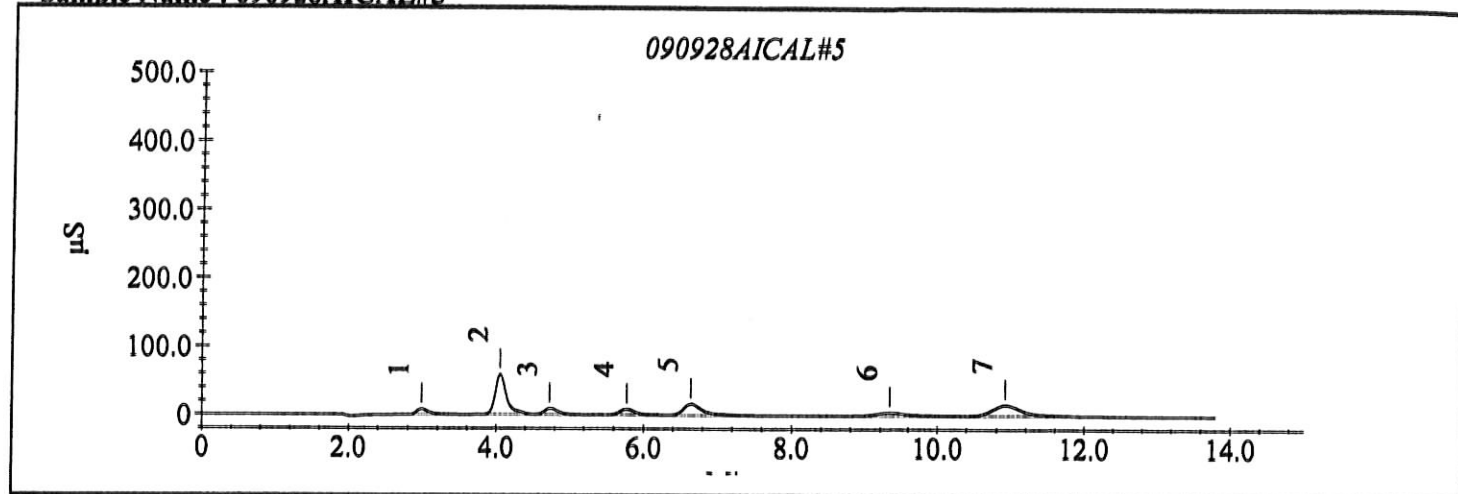
Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	2.99	fluoride	897543	897543	897543
2	4.05	chloride	6440658	6440658	6440658
3	4.73	nitrite-n	1284469	1284469	1284469
4	5.77	bromide	1290198	1290198	1290198
5	6.64	nitrate-n	2948679	2948679	2948679
6	9.33	phosphate-p	1357446	1357446	1357446
7	10.92	sulfate	4624374	4624374	4624374

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	2.99	fluoride	1.00	897543	80726	
2	4.05	chloride	10.00	6440658	587457	
3	4.73	nitrite-n	1.00	1284469	91028	
4	5.77	bromide	5.00	1290198	84341	
5	6.64	nitrate-n	2.00	2948679	163374	
6	9.33	phosphate-p	2.00	1357446	46181	
7	10.92	sulfate	10.00	4624374	158181	



Sample Name : 090928AICAL#5



Calibration Update Report

Sample Name : 090928AICAL#6

Data File Name : I:\dionex\dlanions\data\090928a\090928a_014.DXD

Method File Name : ...EPA300 09-28-09Low.met

Calibration Date : 9/28/09 16:02:31

Schedule File Name : ...090928a.sch

System Operator : pd

Date Time Collected : 9/28/09 14:48:32

Injection Number : 14

Peak Information : All Components

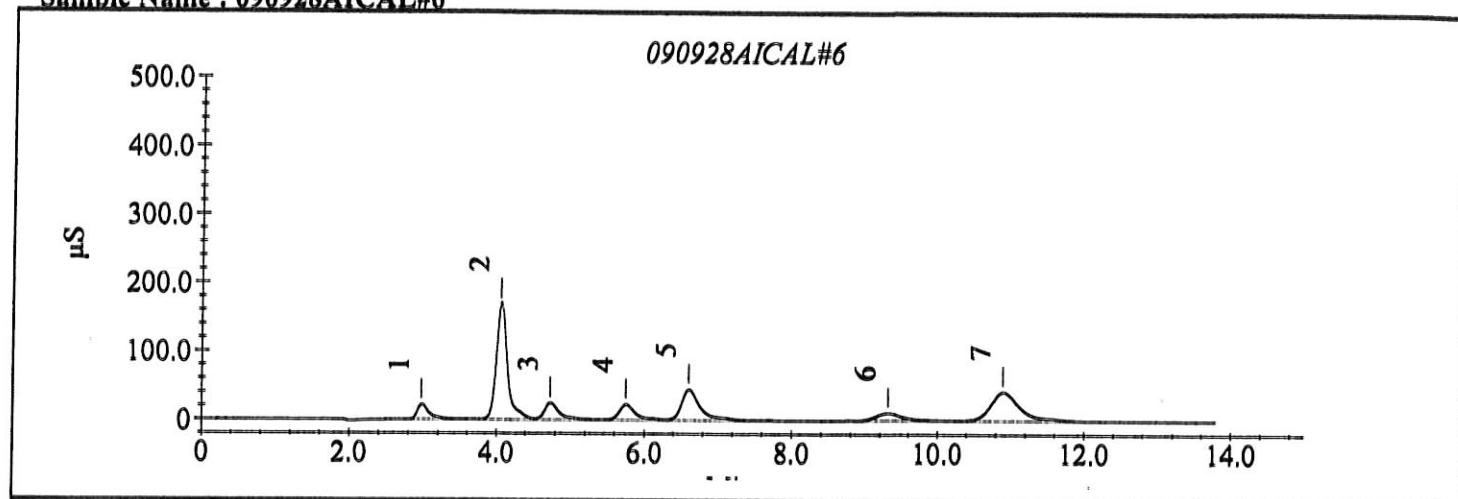
Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	2.97	fluoride	2493520	2493520	2493520
2	4.05	chloride	18241881	18241881	18241881
3	4.73	nitrite-n	3470087	3470087	3470087
4	5.75	bromide	3457178	3457178	3457178
5	6.60	nitrate-n	7905563	7905563	7905563
6	9.31	phosphate-p	3129437	3129437	3129437
7	10.89	sulfate	12149292	12149292	12149292

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	2.97	fluoride	2.50	2493520	215212	
2	4.05	chloride	25.00	18241881	1684008	
3	4.73	nitrite-n	2.50	3470087	245078	
4	5.75	bromide	12.50	3457178	224292	
5	6.60	nitrate-n	5.00	7905563	443698	
6	9.31	phosphate-p	5.00	3129437	111955	
7	10.89	sulfate	25.00	12149292	421817	



Sample Name : 090928AICAL#6



Calibration Update Report

Sample Name : 090928AICAL#7

Data File Name : I:\dionex\d1anions\data\090928a\090928a_016.DXD

Method File Name : ...EPA300 09-28-09Low.met

Calibration Date : 9/28/09 16:02:50

Schedule File Name : ...090928a.sch

System Operator : pd

Date Time Collected : 9/28/09 15:21:30

Injection Number : 16

Peak Information : All Components

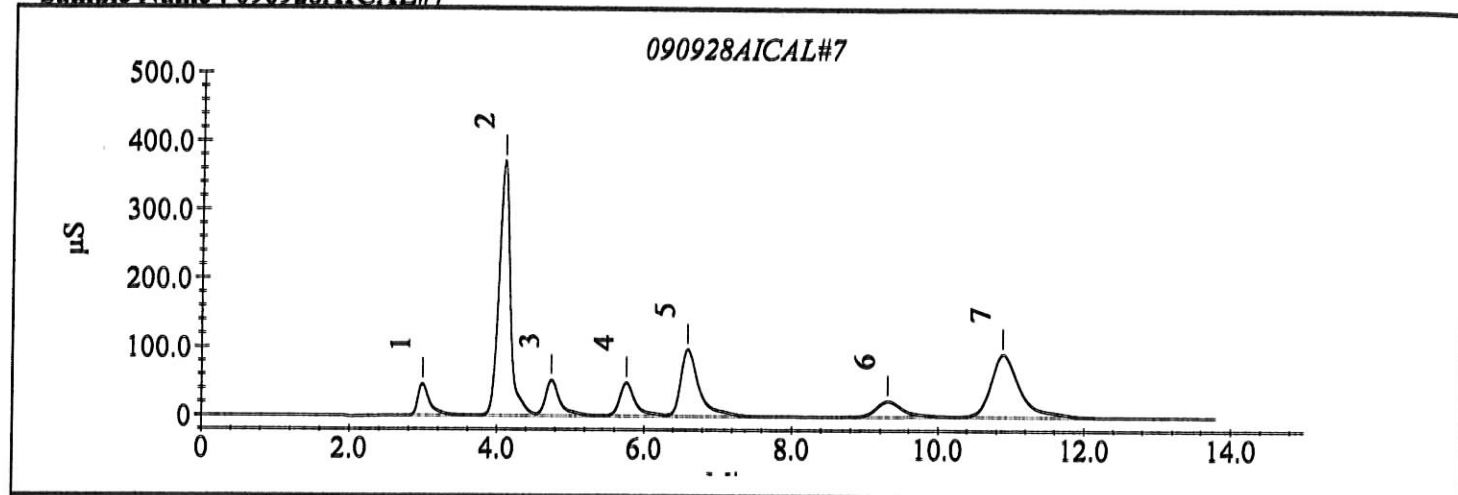
Peak #	Retention Time	Component Name	Cal Response (Previous)	Cal Response (Measured)	Cal Response (New)
1	2.99	fluoride	5247527	5247527	5247527
2	4.09	chloride	40194724	40194724	40194724
3	4.75	nitrite-n	7116628	7116628	7116628
4	5.76	bromide	7200873	7200873	7200873
5	6.59	nitrate-n	17044272	17044272	17044272
6	9.29	phosphate-p	6130484	6130484	6130484
7	10.88	sulfate	25844640	25844640	25844640

Peak Information : All Components

Peak #	Retention Time	Component Name	Amount (mg/L)	Peak Area	Peak Height	Limit Exceeded
1	2.99	fluoride	5.00	5247527	459736	
2	4.09	chloride	50.00	40194724	3715258	
3	4.75	nitrite-n	5.00	7116628	515887	
4	5.76	bromide	25.00	7200873	485256	
5	6.59	nitrate-n	10.00	17044272	973340	
6	9.29	phosphate-p	10.00	6130484	227677	
7	10.88	sulfate	50.00	25844640	917076	



Sample Name : 090928AICAL#7



Sample Analysis Report

Sample Name : 090928A ICV

Data File Name : i:\dionex\dlanions\data\090928a\090928a_019.DXD

Method File Name : i:\dionex\dlanions\methods\epa300 09-28-09low.met

Date Time Collected : 9/28/09 16:22:03

System Operator : pd

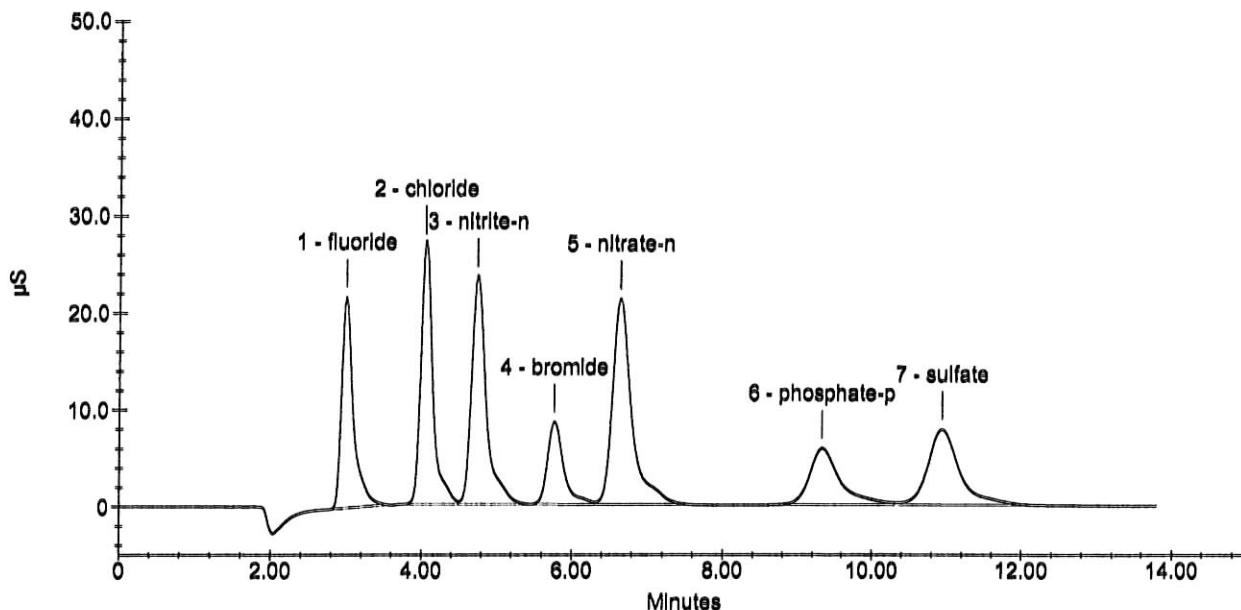
Injection Number : 19

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.99	fluoride	2.3167	2369062	216902	
2	4.04	chloride	4.6936	2992902	267662	
3	4.73	nitrite-n	2.2861	3196558	234155	
4	5.76	bromide	4.6470	1267767	84577	
5	6.63	nitrate-n	2.3412	3765662	211324	
6	9.32	phosphate-p	2.6666	1680699	57971	
7	10.93	sulfate	4.9560	2287815	77747	

090928A ICV



Sample Analysis Report

Sample Name : 090928A ICB

Data File Name : i:\dionex\dlanions\data\090928a\090928a_020.DXD

Method File Name : i:\dionex\dlanions\methods\epa300 09-28-09low.met

Date Time Collected : 9/28/09 16:38:39

System Operator : pd

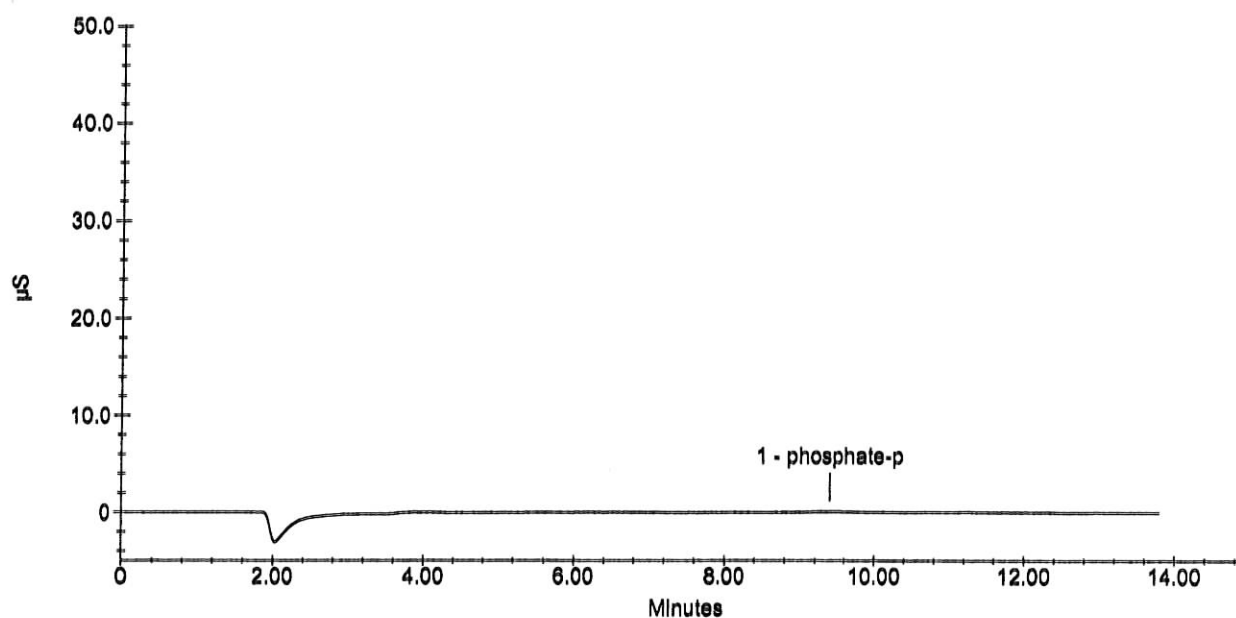
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.40	phosphate-p	-0.0642	11369	630	-

090928A ICB



Sample Analysis Report

Sample Name : 090928A CCV

Data File Name : i:\dionex\dlanions\data\090928a\090928a_021.DXD

Method File Name : i:\dionex\dlanions\methods\epa300 09-28-09low.met

Date Time Collected : 9/28/09 16:55:03

System Operator : pd

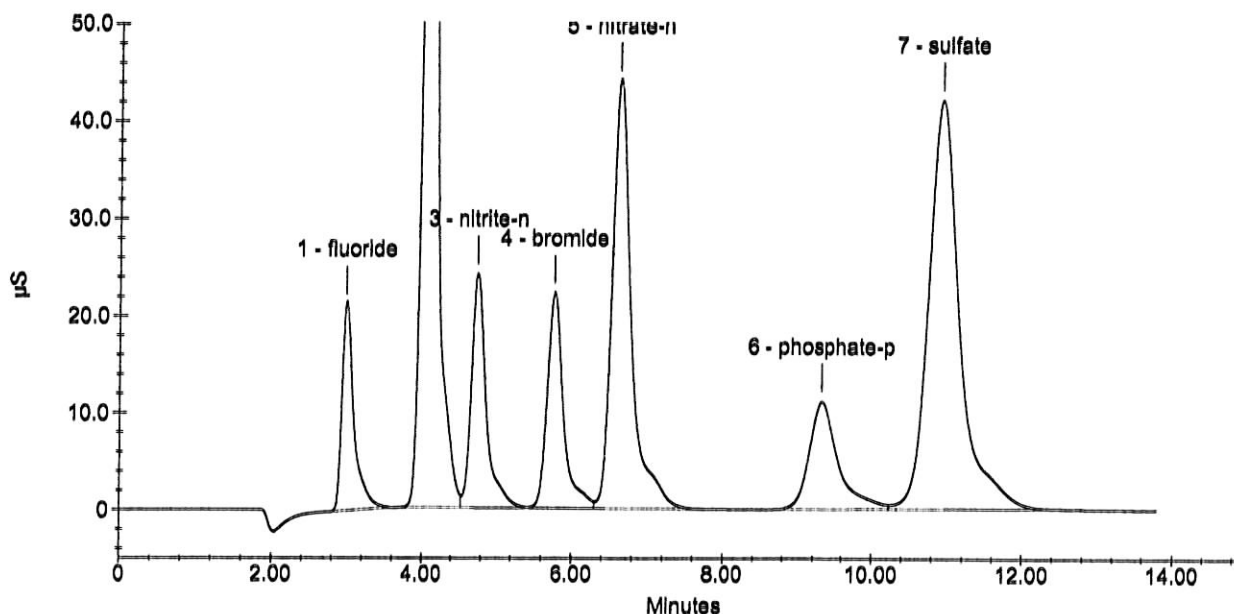
Injection Number : 21

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	2.3581	2412684	212275	
2	4.07	chloride	23.2760	17987691	1694035	
3	4.73	nitrite-n	2.3586	3300612	240153	
4	5.75	bromide	11.7375	3316659	220490	
5	6.60	nitrate-n	4.6943	7778246	439324	
6	9.31	phosphate-p	4.9437	3072720	110367	
7	10.91	sulfate	23.8454	12051083	419931	

090928A CCV



Sample Analysis Report

Sample Name : 090928A CCB

Data File Name : i:\dionex\dlanions\data\090928a\090928a_022.DXD

Method File Name : i:\dionex\dlanions\methods\epa300 09-28-09low.met

Date Time Collected : 9/28/09 17:11:38

System Operator : pd

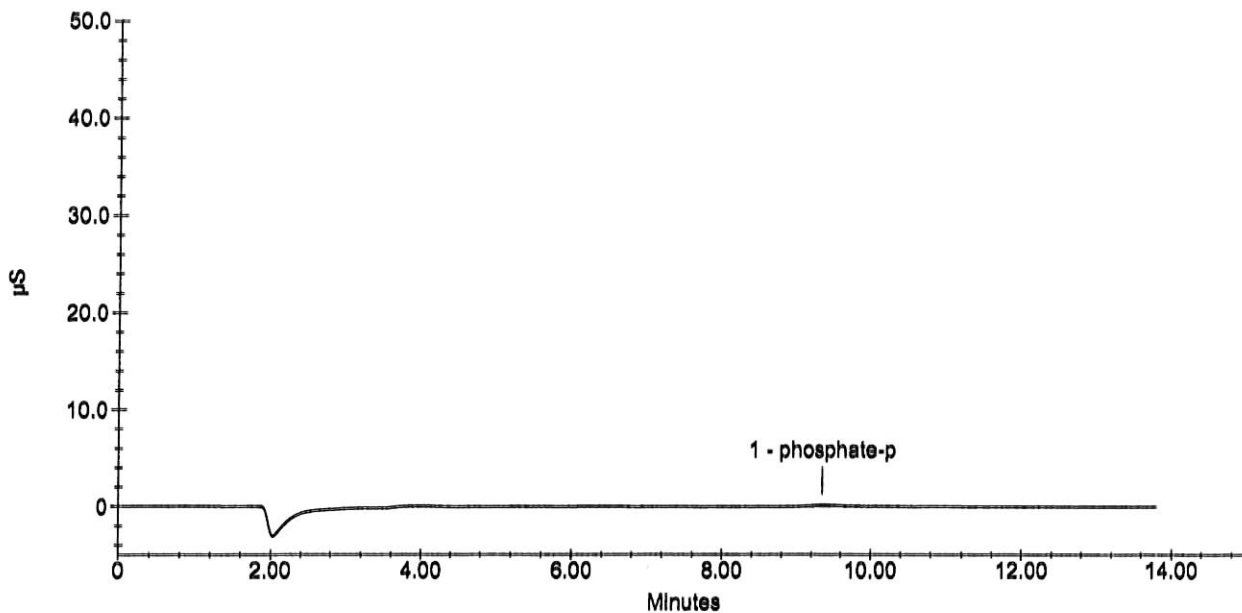
Injection Number : 22

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.35	phosphate-p	-0.0545	17327	946	-

090928A CCB



Sample Analysis Report

Sample Name : 091002A CCV

Data File Name : i:\dionex\d1anions\data\091002a\091002a_002.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 08:38:20

System Operator : pd

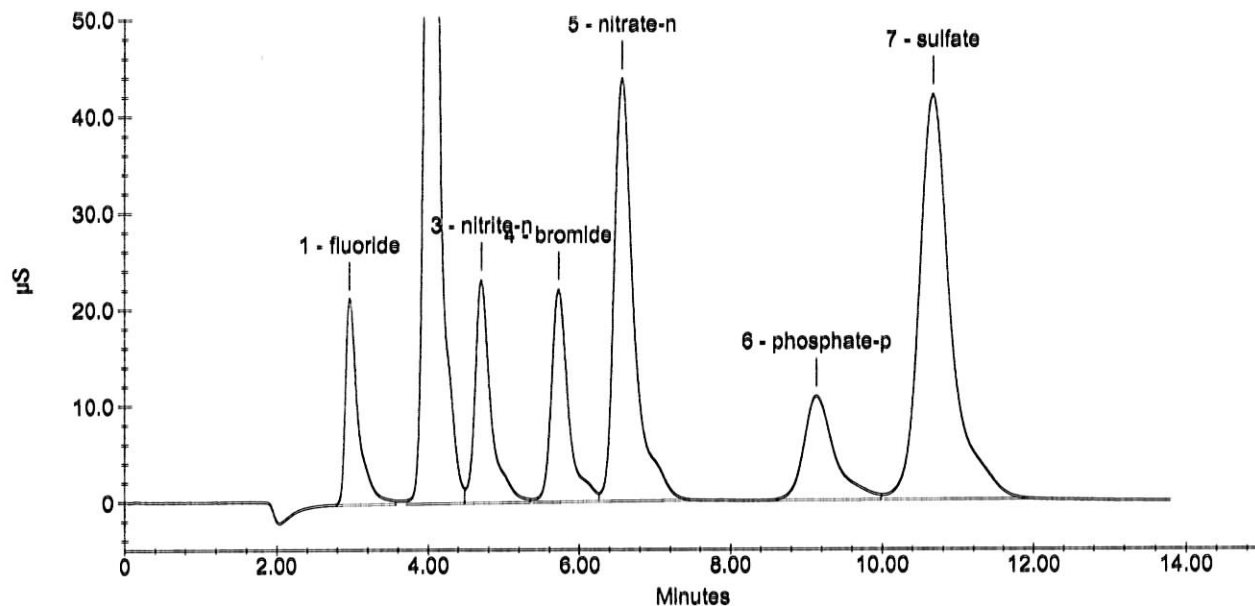
Injection Number : 2

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.4614	2521698	211939	
2	4.03	chloride	23.4415	18121242	1638297	
3	4.71	nitrite-n	2.3888	3343899	230352	
4	5.72	bromide	12.1117	3424787	219478	
5	6.56	nitrate-n	4.7542	7880427	436476	
6	9.13	phosphate-p	4.9061	3049728	107380	
7	10.67	sulfate	24.0529	12158325	418638	

091002A CCV



Sample Analysis Report

Sample Name : 091002A CCB

Data File Name : i:\dionex\d1anions\data\091002a\091002a_003.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 08:54:56

System Operator : pd

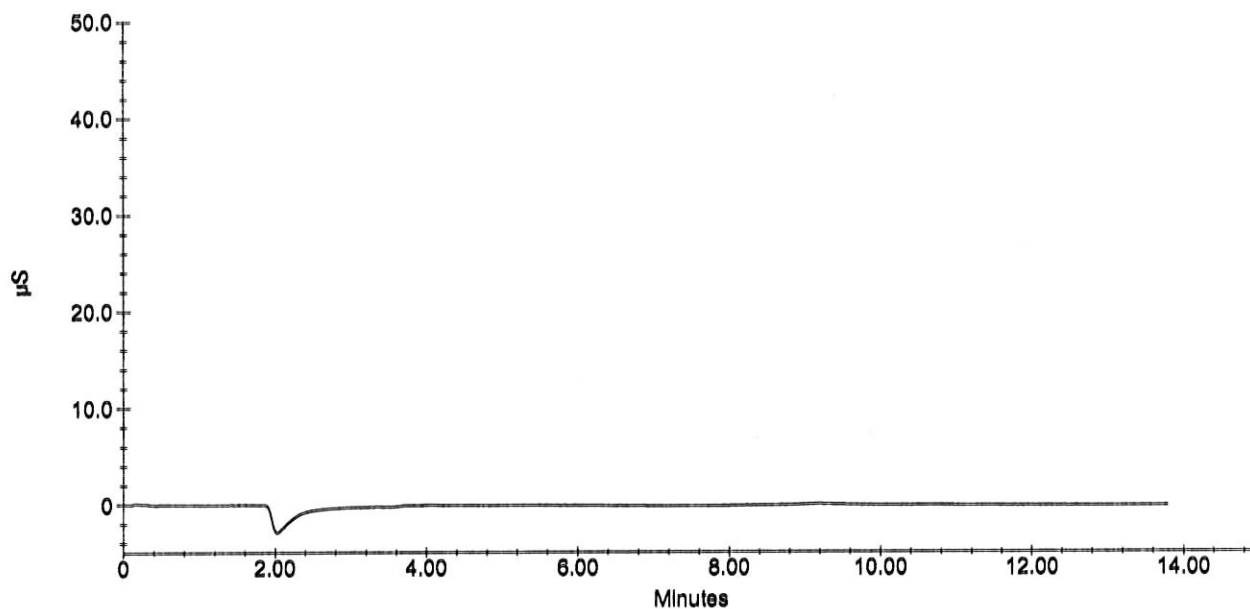
Injection Number : 3

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091002A CCB



Sample Analysis Report

Sample Name : 091002A 300 CCV

Data File Name : i:\dionex\d1anions\data\091002a\091002a_016.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 12:30:39

System Operator : pd

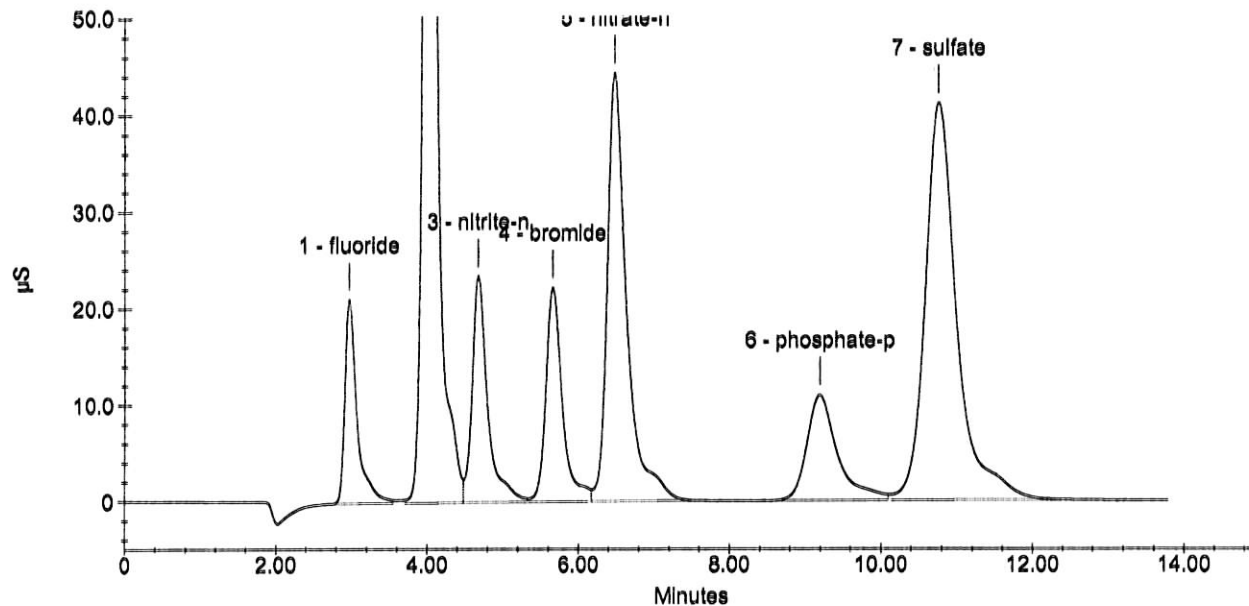
Injection Number : 16

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.3331	2386337	210546	
2	4.01	chloride	23.1566	17891399	1647481	
3	4.67	nitrite-n	2.3754	3324674	233282	
4	5.65	bromide	11.9075	3365789	221222	
5	6.48	nitrate-n	4.7369	7850836	442356	
6	9.19	phosphate-p	4.9613	3083442	109137	
7	10.75	sulfate	23.5063	11875772	410578	

091002A 300 CCV



Sample Analysis Report

Sample Name : 091002A sulfite CCV

Data File Name : i:\dionex\d1anions\data\091002a\091002a_017.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/2/09 12:48:03

System Operator : pd

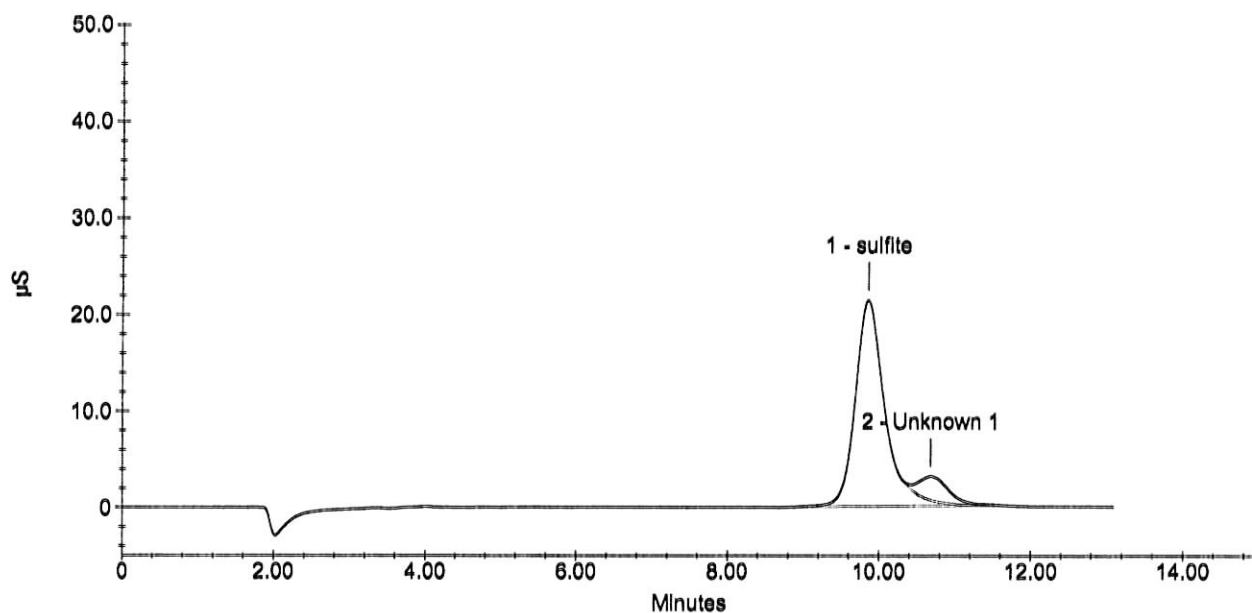
Injection Number : 17

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.85	sulfite	23.9304	5821657	213111	
2	10.68	Unknown 1	0.0000	679971	24797	

091002A sulfite CCV



Sample Analysis Report

Sample Name : 091002A 300/ sulfite CCB

Data File Name : i:\dionex\d1anions\data\091002a\091002a_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 13:35:53

System Operator : pd

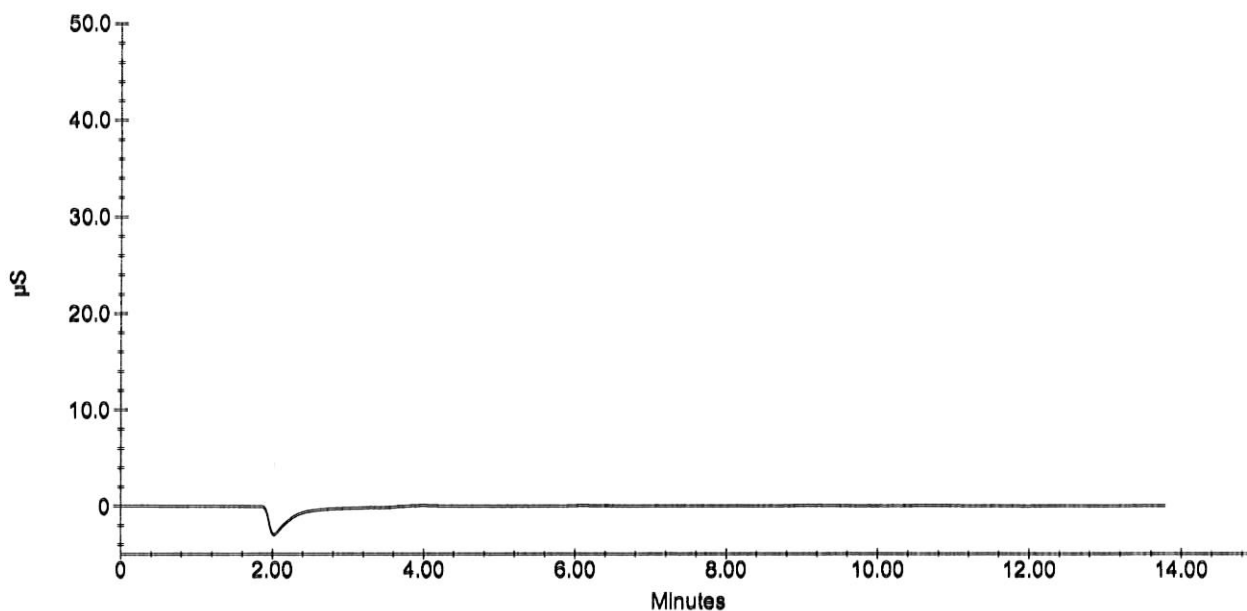
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091002A 300/ sulfite CCB



Sample Analysis Report

Sample Name : 091002A 300/ sulfite CCB

Data File Name : i:\dionex\d1anions\data\091002a\091002a_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\sulfite 08-25-09Low.met

Date Time Collected : 10/2/09 13:35:53

System Operator : pd

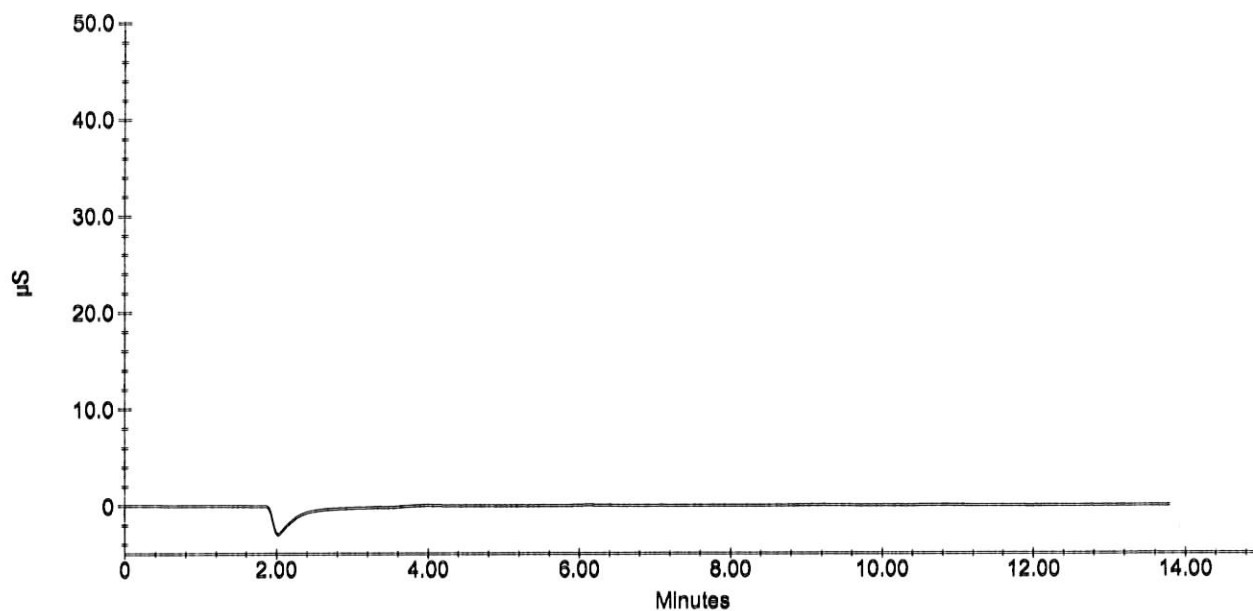
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091002A 300/ sulfite CCB



Sample Analysis Report

Sample Name : 091002A sulfite CCV 50ppm

Data File Name : i:\dionex\dlanions\data\091002a\091002a_031.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\sulfite 08-25-09Low.met

Date Time Collected : 10/2/09 16:36:57

System Operator : pd

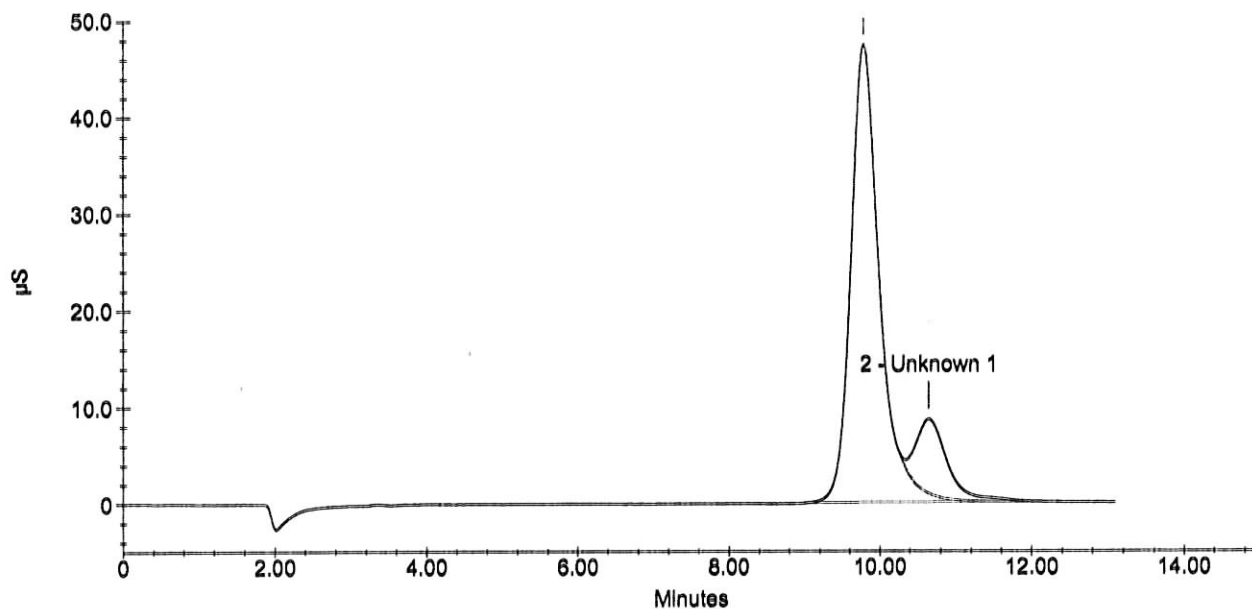
Injection Number : 31

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.77	sulfite	51.6931	12555272	472543	+
2	10.64	Unknown 1	0.0000	2207234	76610	

091002A sulfite CCV 50ppm



Sample Analysis Report

Sample Name : 091002A 300 ccv

Data File Name : i:\dionex\d1anions\data\091002a\091002a_033.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 17:09:15

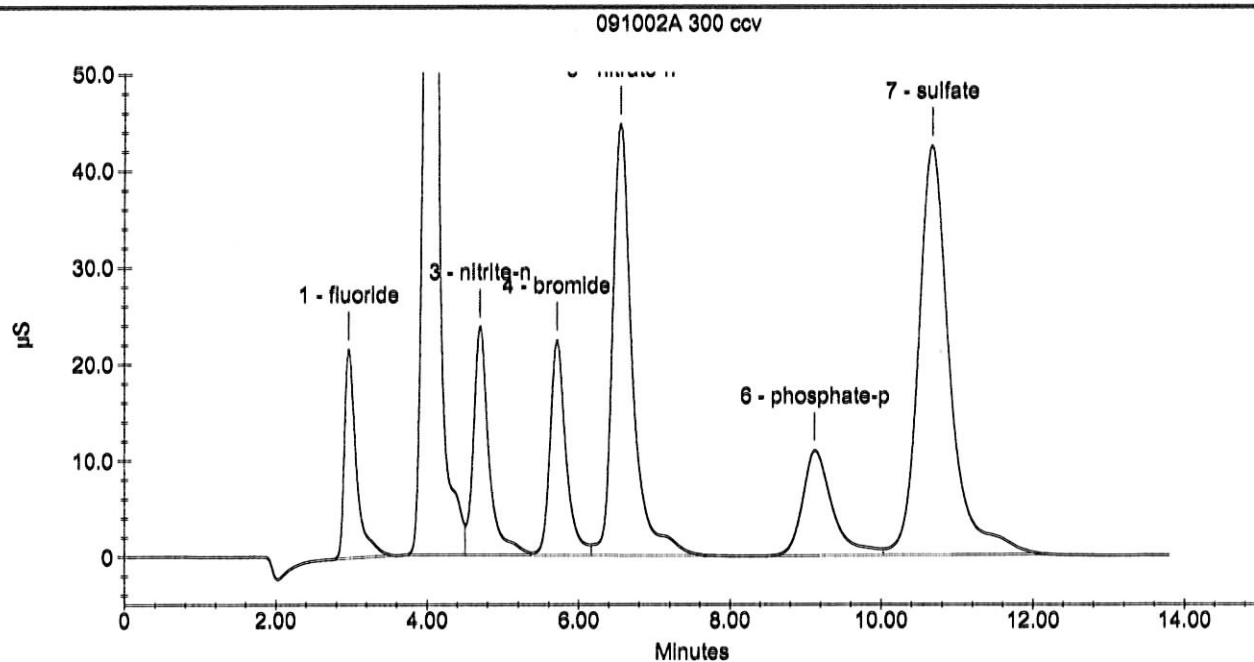
System Operator : pd

Injection Number : 33

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.3225	2375217	215818	
2	4.03	chloride	23.4822	18154117	1682579	
3	4.69	nitrite-n	2.3726	3320571	235748	
4	5.71	bromide	11.6166	3281726	222248	
5	6.55	nitrate-n	4.8633	8066403	446278	
6	9.12	phosphate-p	4.8161	2994719	108809	
7	10.67	sulfate	23.9439	12101973	423460	



Sample Analysis Report

Sample Name : 091002A 300/ sulfite CCB

Data File Name : i:\dionex\d1anions\data\091002a\091002a_035.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 17:42:25

System Operator : pd

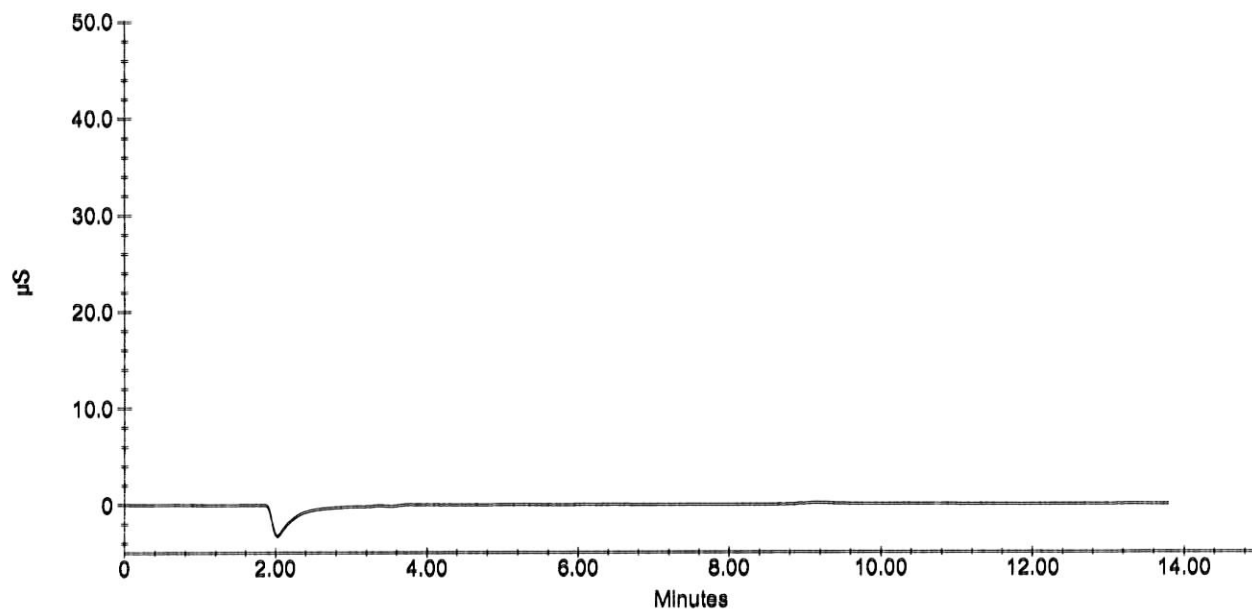
Injection Number : 35

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091002A 300/ sulfite CCB



Sample Analysis Report

Sample Name : 091002A 300/ sulfite CCB

Data File Name : i:\dionex\d1anions\data\091002a\091002a_035.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\sulfite 08-25-09Low.met

Date Time Collected : 10/2/09 17:42:25

System Operator : pd

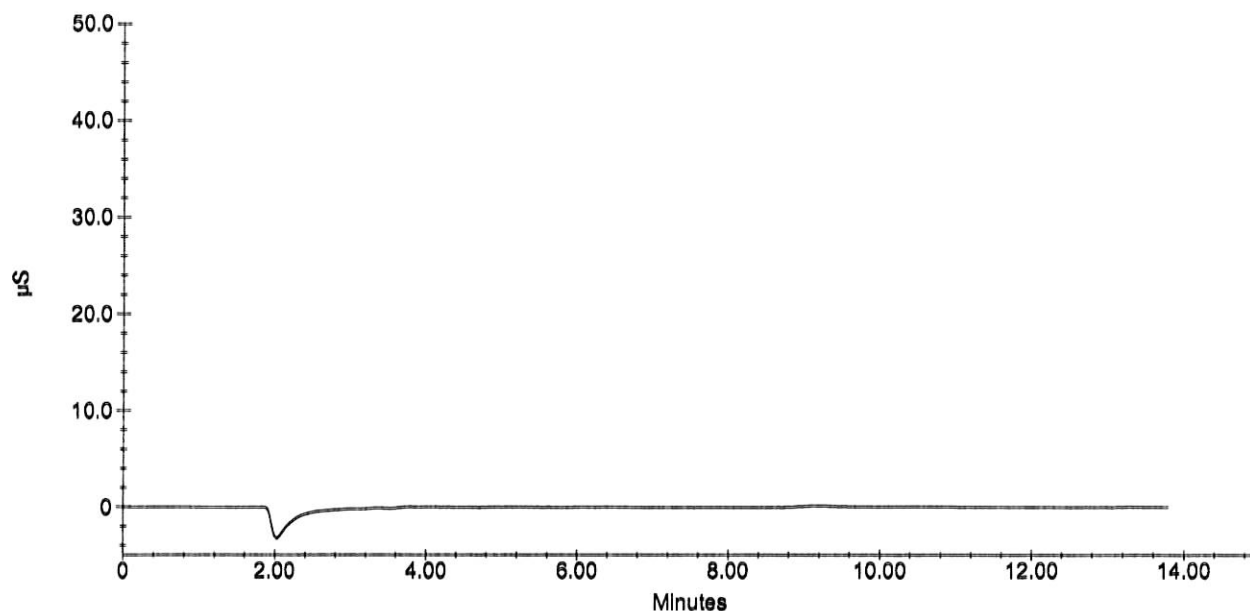
Injection Number : 35

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091002A 300/ sulfite CCB



Sample Analysis Report

Sample Name : 091005A 300 CCV

Data File Name : i:\dionex\d1anions\data\091005a\091005a_002.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 09:09:31

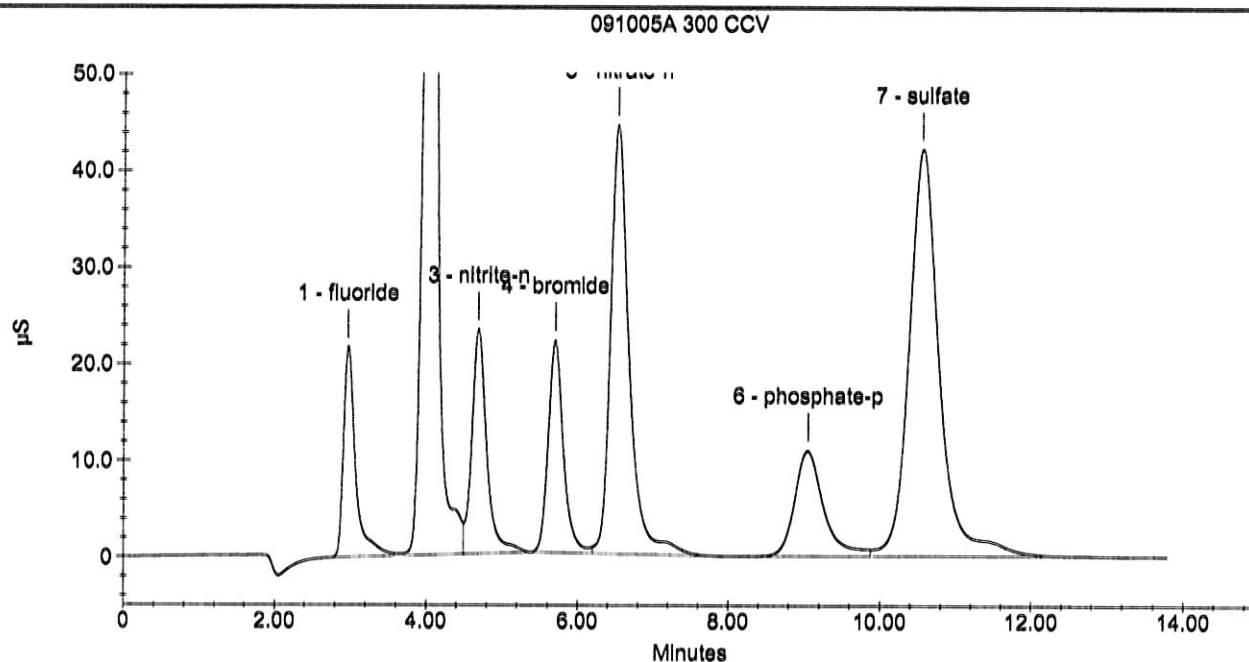
System Operator : pd

Injection Number : 2

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.3395	2393142	216484	
2	4.01	chloride	22.5755	17422443	1667338	
3	4.68	nitrite-n	2.2258	3110180	230908	
4	5.69	bromide	10.8493	3059991	219103	
5	6.52	nitrate-n	4.5920	7603705	443163	
6	9.04	phosphate-p	4.6767	2909468	108887	
7	10.53	sulfate	23.2102	11722774	419662	



Sample Analysis Report

Sample Name : 091005A 300 CCB

Data File Name : i:\dionex\dlanions\data\091005a\091005a_003.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 09:26:08

System Operator : pd

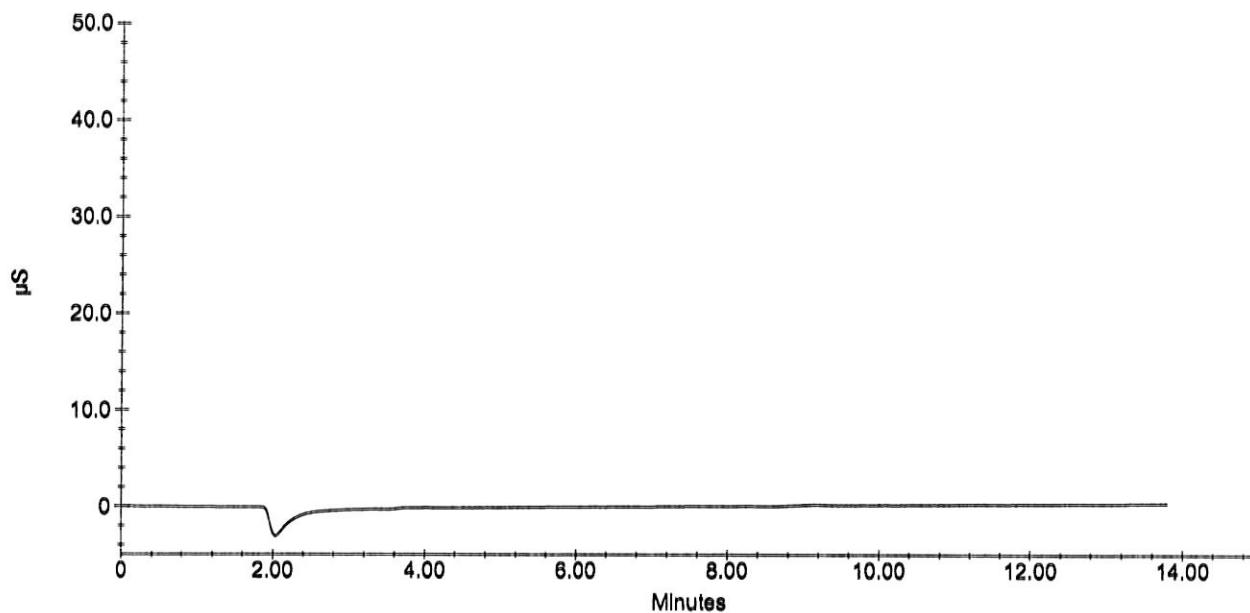
Injection Number : 3

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091005A 300 CCB



Sample Analysis Report

Sample Name : 091005A 300 CCV

Data File Name : i:\dionex\dlanions\data\091005a\091005a_016.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 13:01:19

System Operator : pd

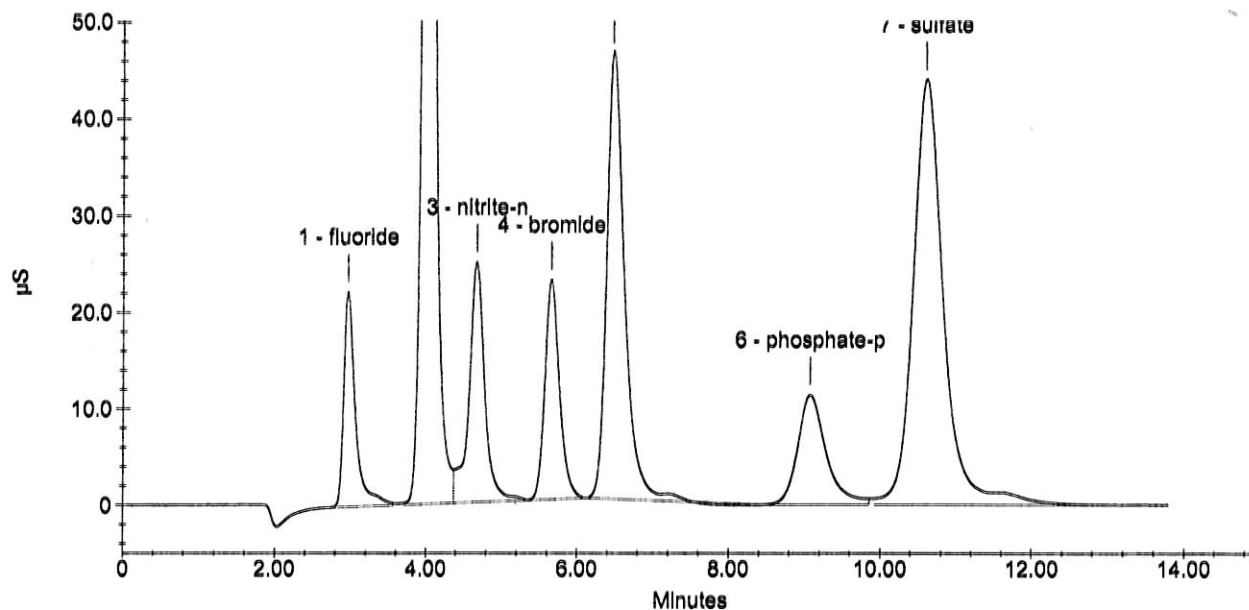
Injection Number : 16

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.3492	2403362	222527	
2	4.01	chloride	23.0536	17808280	1762044	
3	4.67	nitrite-n	2.5260	3540552	248416	
4	5.65	bromide	10.8541	3061395	227272	
5	6.47	nitrate-n	4.5847	7591363	460890	
6	9.07	phosphate-p	4.7831	2974556	113567	
7	10.59	sulfate	24.3619	12318047	439101	

091005A 300 CCV



Sample Analysis Report

Sample Name : 091005A SULFITE CCV

Data File Name : i:\dionex\dlanions\data\091005a\091005a_019.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/5/09 13:50:44

System Operator : pd

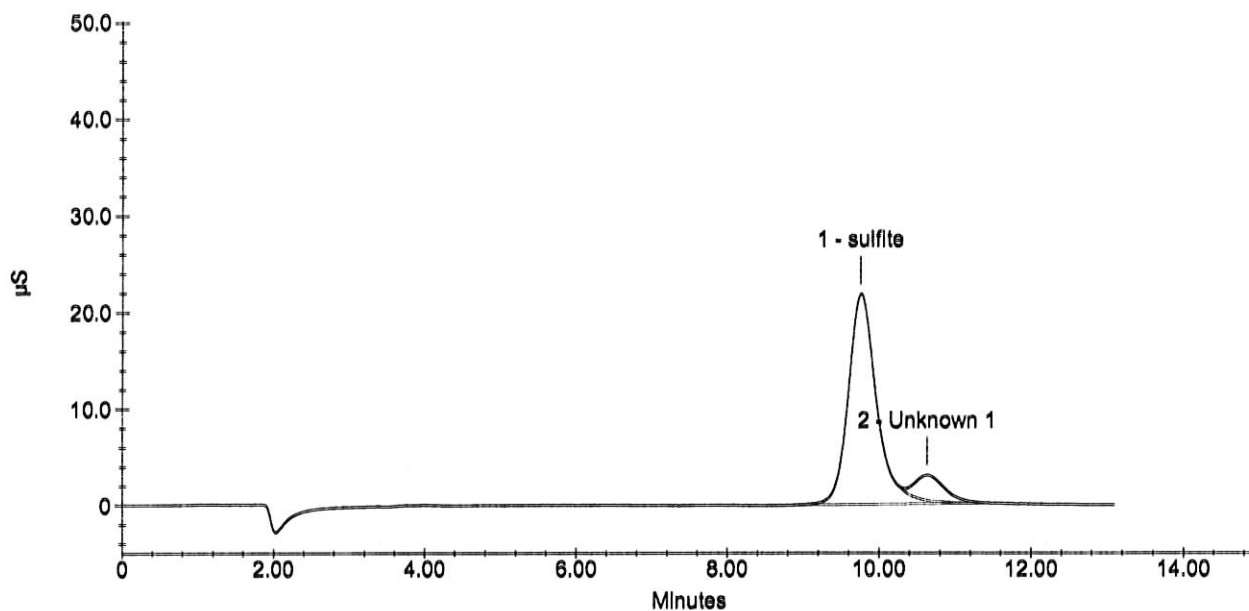
Injection Number : 19

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.75	sulfite	23.4390	5702478	217358	
2	10.63	Unknown 1	0.0000	719724	26292	

091005A SULFITE CCV



Sample Analysis Report

Sample Name : 091005A SULFITE CCV

Data File Name : i:\dionex\d1anions\data\091005a\091005a_031.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/5/09 17:30:01

System Operator : pd

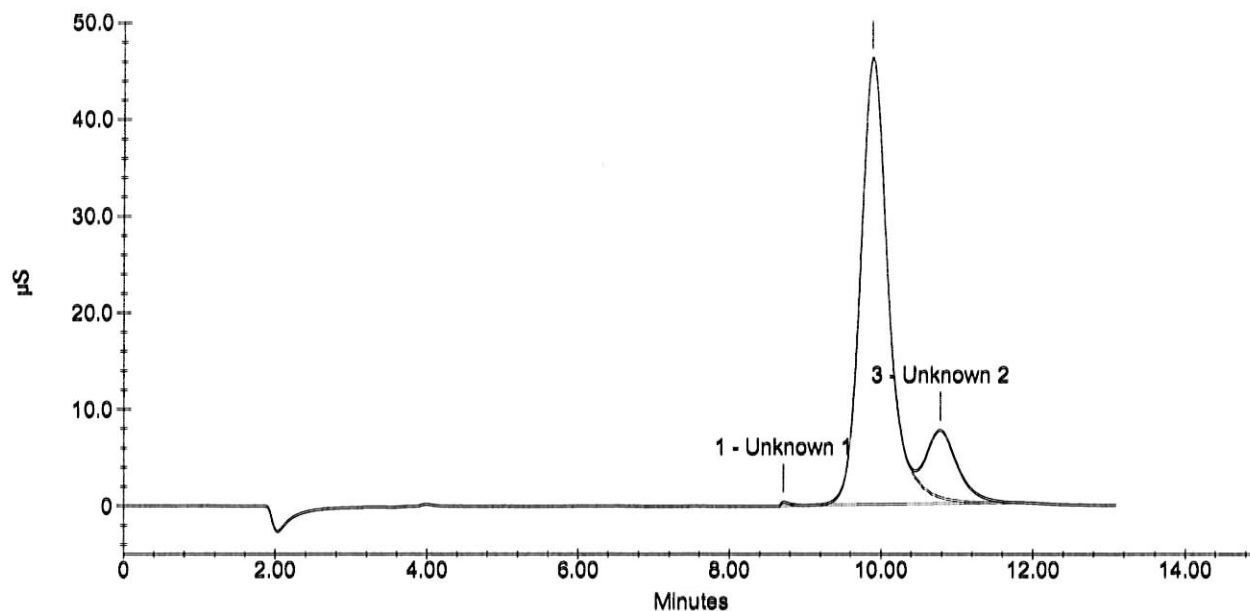
Injection Number : 31

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	8.71	Unknown 1	0.0000	30795	3950	
2	9.87	sulfite	49.0445	11912867	459887	
3	10.77	Unknown 2	0.0000	1949522	69340	

091005A SULFITE CCV



Sample Analysis Report

Sample Name : 091005A 300 CCV

Data File Name : i:\dionex\dlanions\data\091005a\091005a_034.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 18:18:41

System Operator : pd

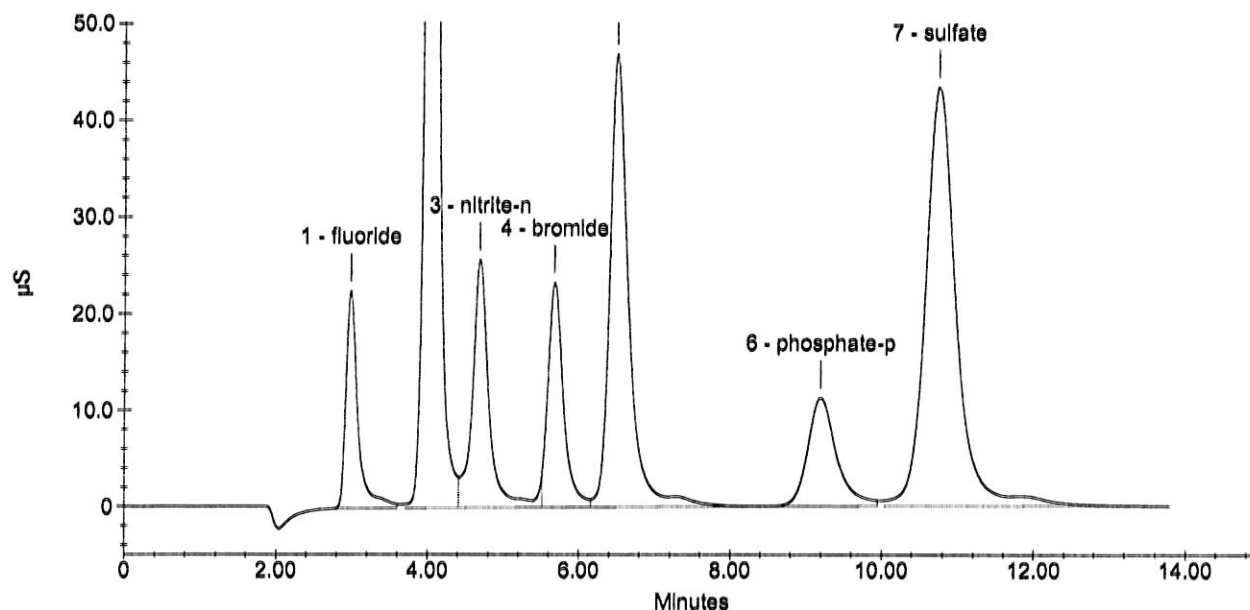
Injection Number : 34

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	2.4016	2458602	224572	
2	4.03	chloride	23.2248	17946386	1737277	
3	4.68	nitrite-n	2.7940	3924717	255807	
4	5.67	bromide	11.6540	3292522	231964	
5	6.49	nitrate-n	4.9385	8194556	467888	
6	9.19	phosphate-p	4.7619	2961584	111923	
7	10.73	sulfate	24.1761	12221978	432662	

091005A 300 CCV



Sample Analysis Report

Sample Name : 091005A 300 /sulfite CCB

Data File Name : i:\dionex\d1anions\data\091005a\091005a_035.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/5/09 18:35:16

System Operator : pd

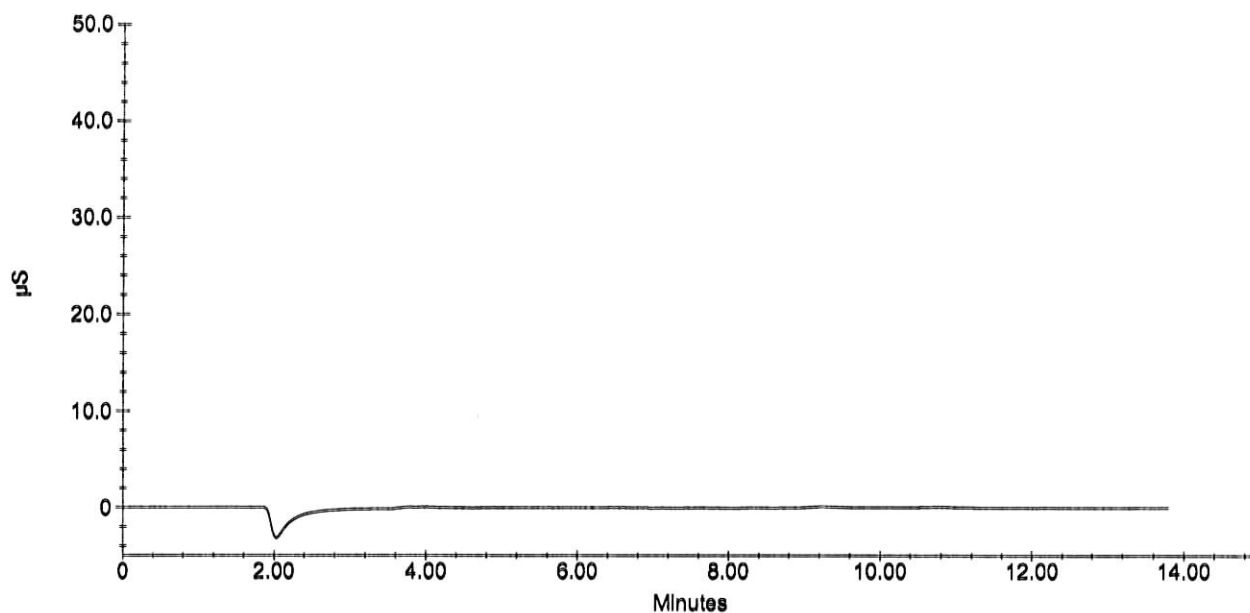
Injection Number : 35

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091005A 300 /sulfite CCB



Sample Analysis Report

Sample Name : 091005A 300 /sulfite CCB

Data File Name : i:\dionex\d1anions\data\091005a\091005a_035.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 18:35:16

System Operator : pd

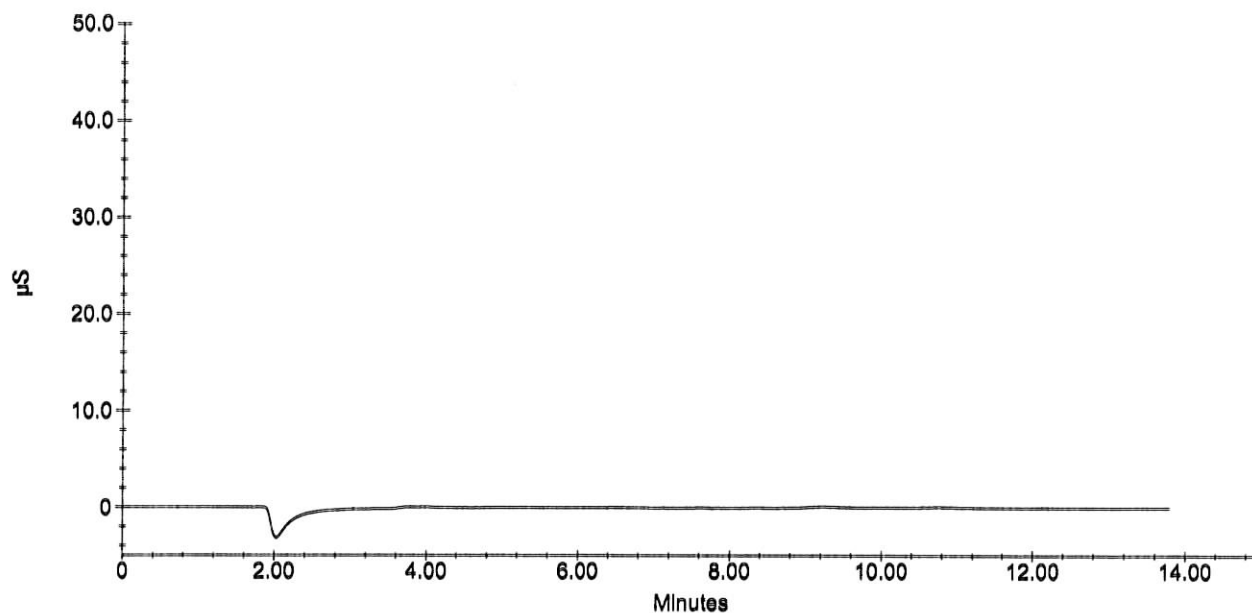
Injection Number : 35

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091005A 300 /sulfite CCB



Sample Analysis Report

Sample Name : 091006A 300 LCS/CCV2

Data File Name : i:\dionex\d1anions\data\091006a\091006a_003.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 09:23:38

System Operator : pd

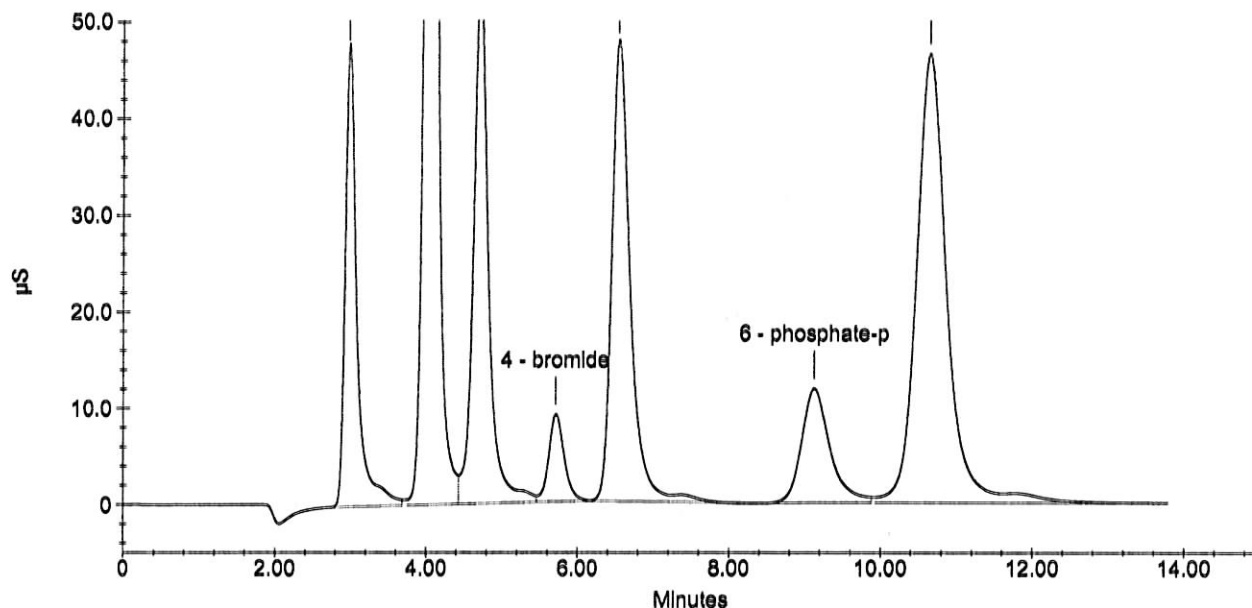
Injection Number : 3

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	5.0175	5219232	472252	+
2	4.04	chloride	23.8026	18412685	1788872	
3	4.71	nitrite-n	5.2784	7486605	541590	+
4	5.71	bromide	4.6862	1279089	89976	
5	6.53	nitrate-n	4.8623	8064667	473809	
6	9.12	phosphate-p	4.9838	3097242	118469	
7	10.64	sulfate	25.6935	13006287	464461	

091006A 300 LCS/CCV2



Sample Analysis Report

Sample Name : 091006A SULFITE CCV

Data File Name : i:\dionex\d1anions\data\090903a\091006a_004.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 09:49:15

System Operator : pd

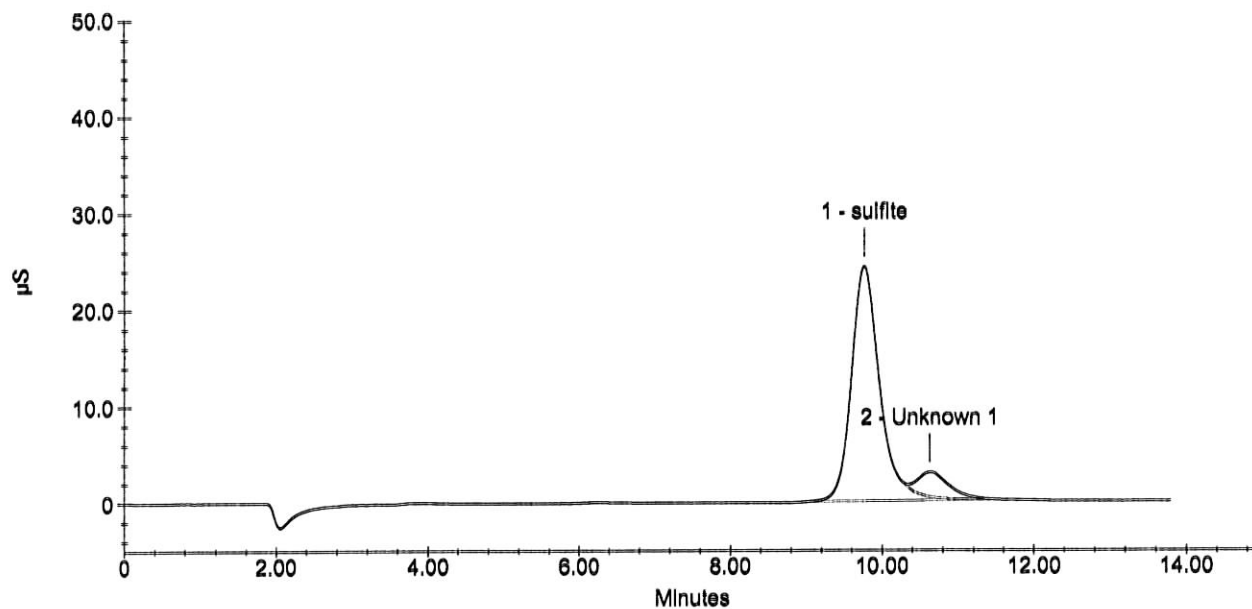
Injection Number : 4

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.76	sulfite	25.9688	6316056	242435	
2	10.63	Unknown 1	0.0000	734281	25587	

091006A SULFITE CCV



Sample Analysis Report

Sample Name : 091006A SULFITE /300 CCB

Data File Name : i:\dionex\dlanions\data\091006a\091006a_006.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/6/09 10:22:10

System Operator : pd

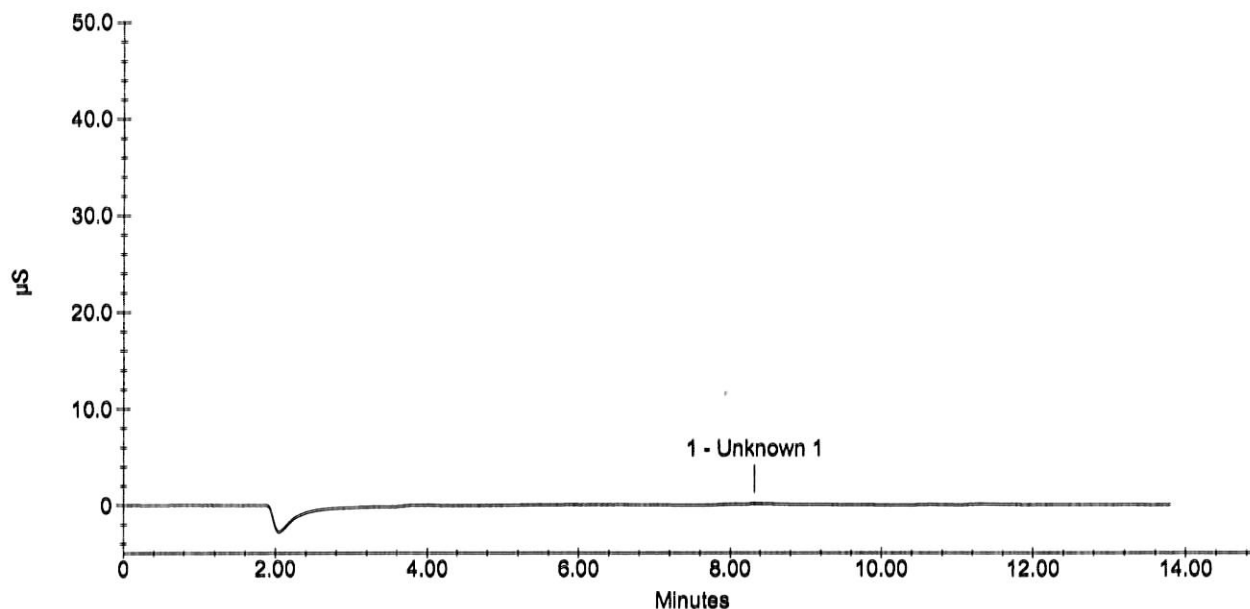
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	8.32	Unknown 1	0.0000	16131	842	

091006A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091006A SULFITE /300 CCB

Data File Name : i:\dionex\d1anions\data\091006a\091006a_006.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 10:22:10

System Operator : pd

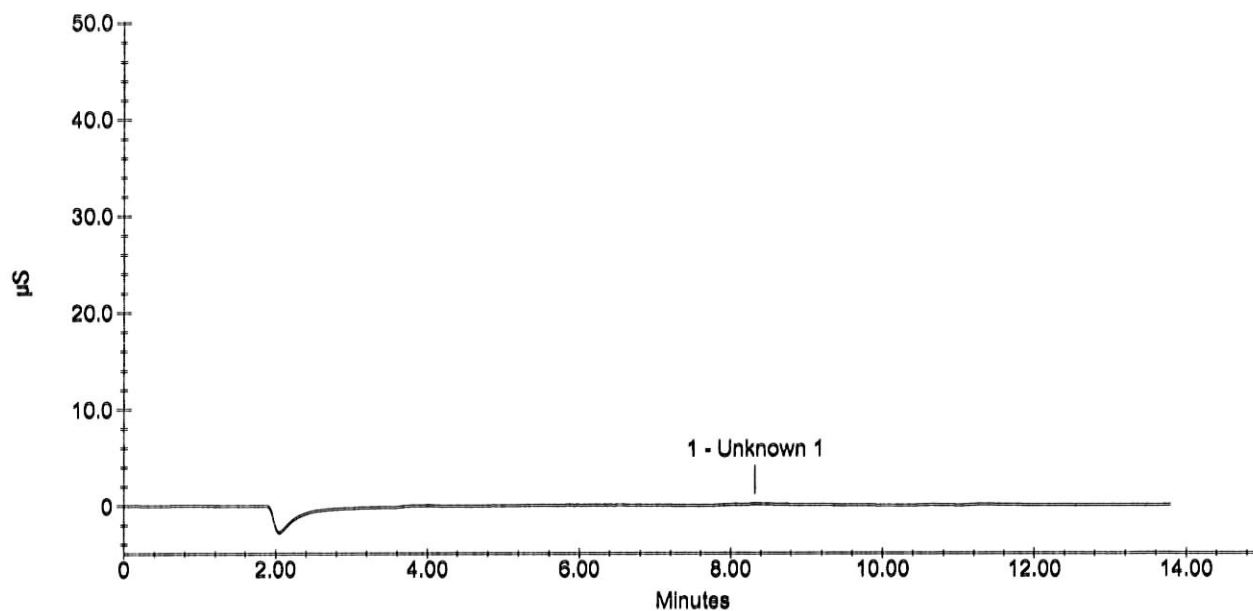
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	8.32	Unknown 1	0.0000	16131	842	

091006A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091006A SULFITE CCV

Data File Name : i:\dionex\d1anions\data\091006a\091006a_018.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/6/09 13:40:09

System Operator : pd

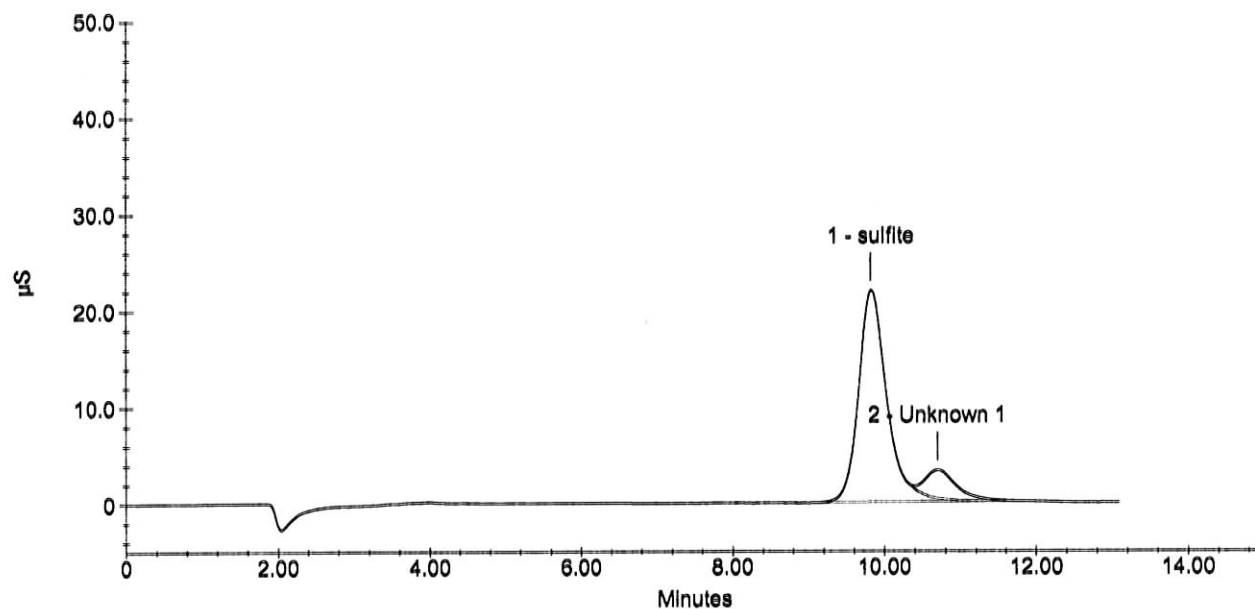
Injection Number : 18

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.81	sulfite	23.3829	5688873	218204	
2	10.69	Unknown 1	0.0000	838990	29423	

091006A SULFITE CCV



Sample Analysis Report

Sample Name : 091006A 300 CCV

Data File Name : i:\dionex\d1anions\data\091006a\091006a_019.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 13:55:54

System Operator : pd

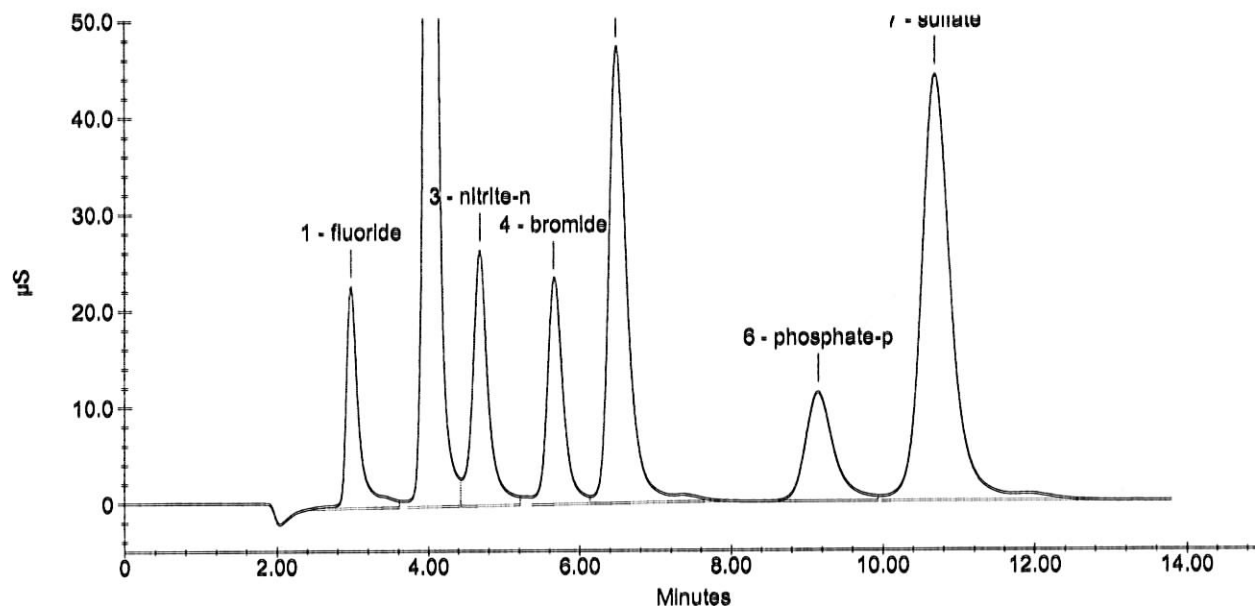
Injection Number : 19

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	2.6166	2685510	228733	
2	4.03	chloride	23.4070	18093405	1744790	
3	4.68	nitrite-n	2.6960	3784224	263723	
4	5.65	bromide	12.1583	3438260	232887	
5	6.48	nitrate-n	4.8885	8109334	471459	
6	9.15	phosphate-p	4.7353	2945331	112636	
7	10.68	sulfate	24.1442	12205499	440161	

091006A 300 CCV



Sample Analysis Report

Sample Name : 091006A SULFITE /300 CCB

Data File Name : i:\dionex\d1anions\data\091006a\091006a_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 14:12:30

System Operator : pd

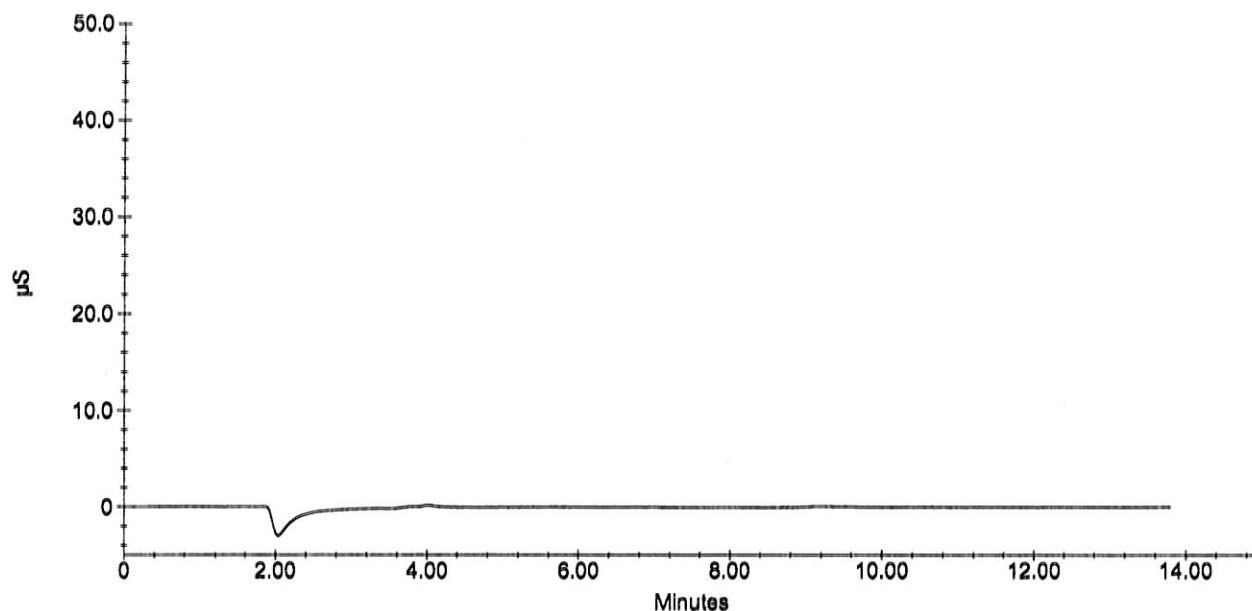
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091006A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091006A SULFITE /300 CCB

Data File Name : i:\dionex\d1anions\data\091006a\091006a_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/6/09 14:12:30

System Operator : pd

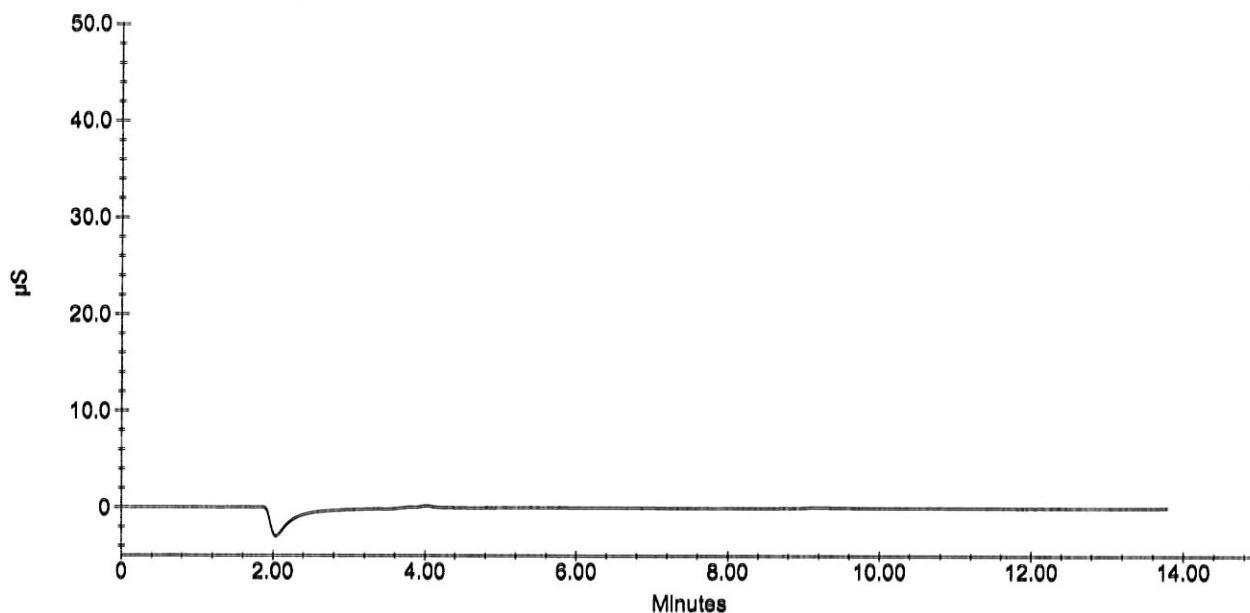
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091006A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091007A 300 CCV

Data File Name : i:\dionex\dlanions\data\091007a\091007A_002.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 09:01:26

System Operator : PD

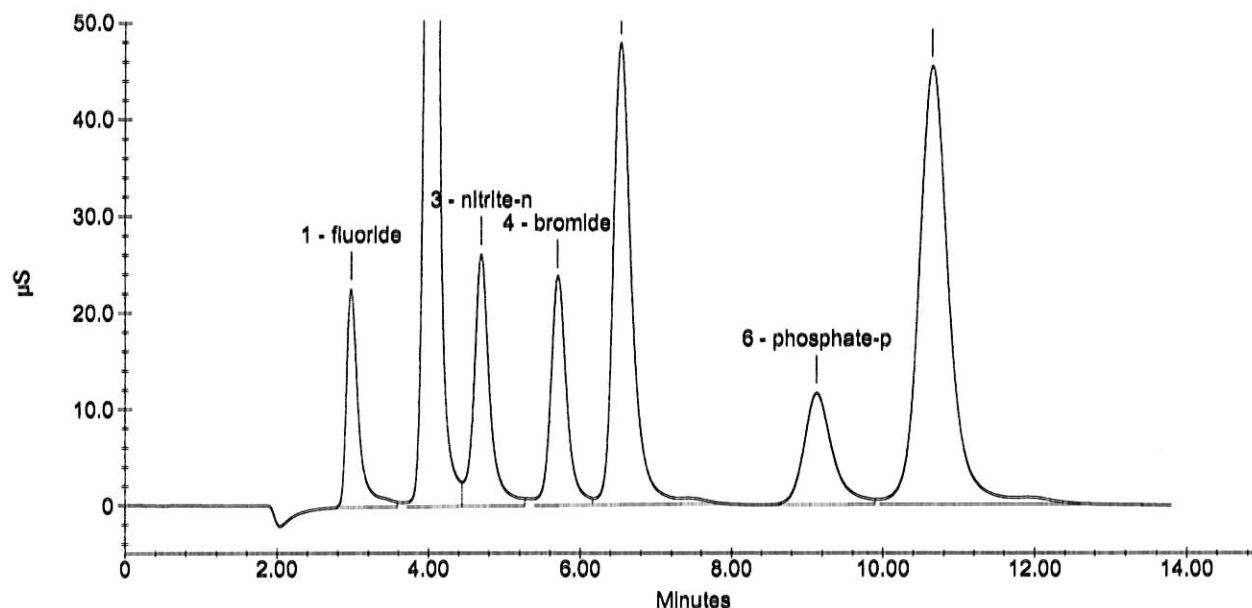
Injection Number : 2

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	2.4459	2505378	225477	
2	4.03	chloride	23.6323	18275263	1752203	
3	4.69	nitrite-n	2.6589	3731145	260040	
4	5.69	bromide	12.2517	3465253	235558	
5	6.53	nitrate-n	4.9262	8173725	476214	
6	9.12	phosphate-p	4.8723	3029065	115412	
7	10.64	sulfate	24.8417	12565996	452167	

091007A 300 CCV



Sample Analysis Report

Sample Name : 091007A SULFITE CCV

Data File Name : i:\dionex\dlanions\data\091007a\091007A_004.DXD

Method File Name : i:\dionex\dlanions\methods\epasufite 08-25-09low.met

Date Time Collected : 10/7/09 09:35:27

System Operator : PD

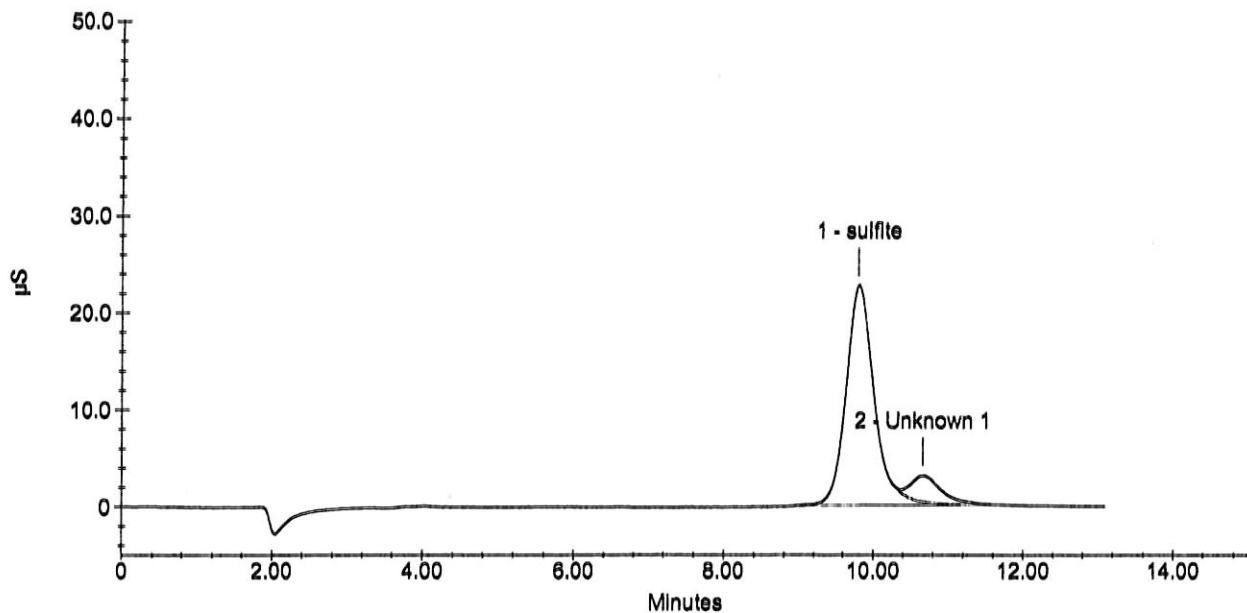
Injection Number : 4

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.79	sulfite	24.2143	5890524	225711	
2	10.65	Unknown 1	0.0000	769201	26677	

091007A SULFITE CCV



Sample Analysis Report

Sample Name : 091007A SULFITE/ 300 CCB

Data File Name : i:\dionex\d1anions\data\090903a\091007A_006.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/7/09 10:06:50

System Operator : PD

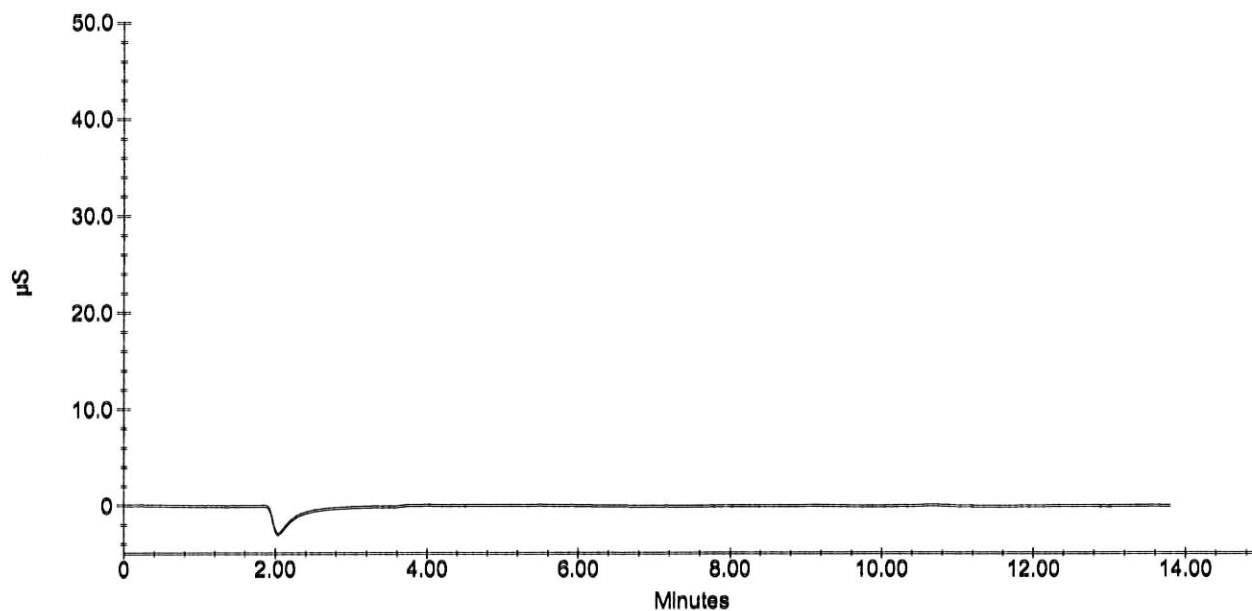
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Lmlt Exceed
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091007A SULFITE/ 300 CCB



Sample Analysis Report

Sample Name : 091007A SULFITE/ 300 CCB

Data File Name : i:\dionex\d1anions\data\090903a\091007A_006.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 10:06:50

System Operator : PD

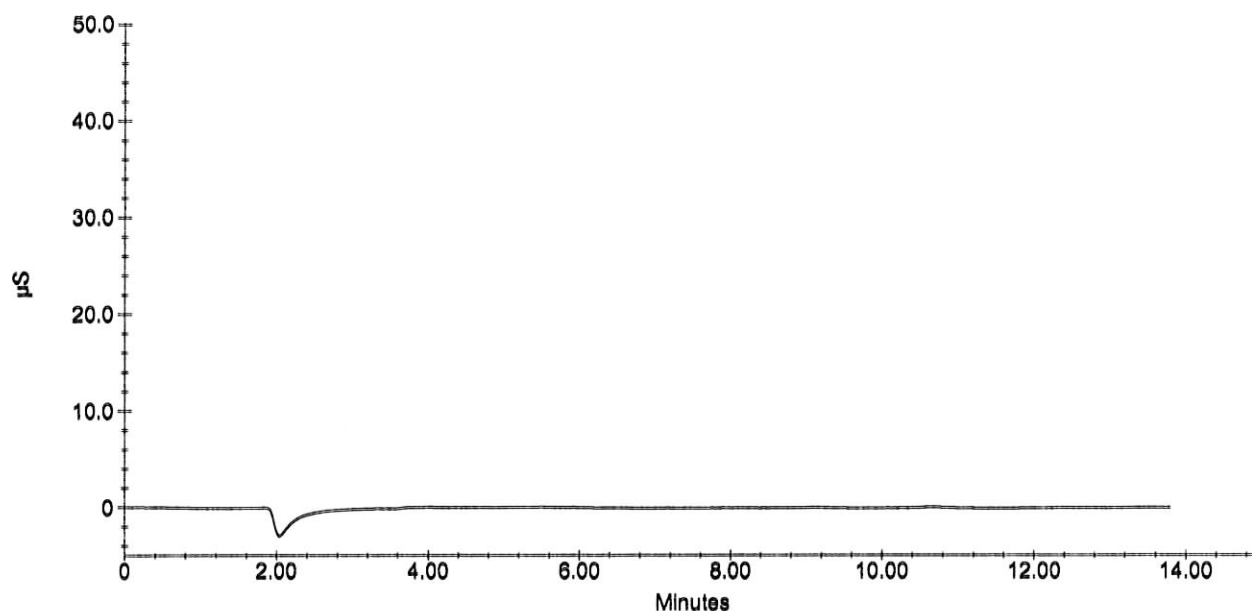
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091007A SULFITE/ 300 CCB



Sample Analysis Report

Sample Name : 091007A SULFITE CCV

Data File Name : i:\dionex\d1anions\data\091007a\091007A_018.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/7/09 13:24:05

System Operator : PD

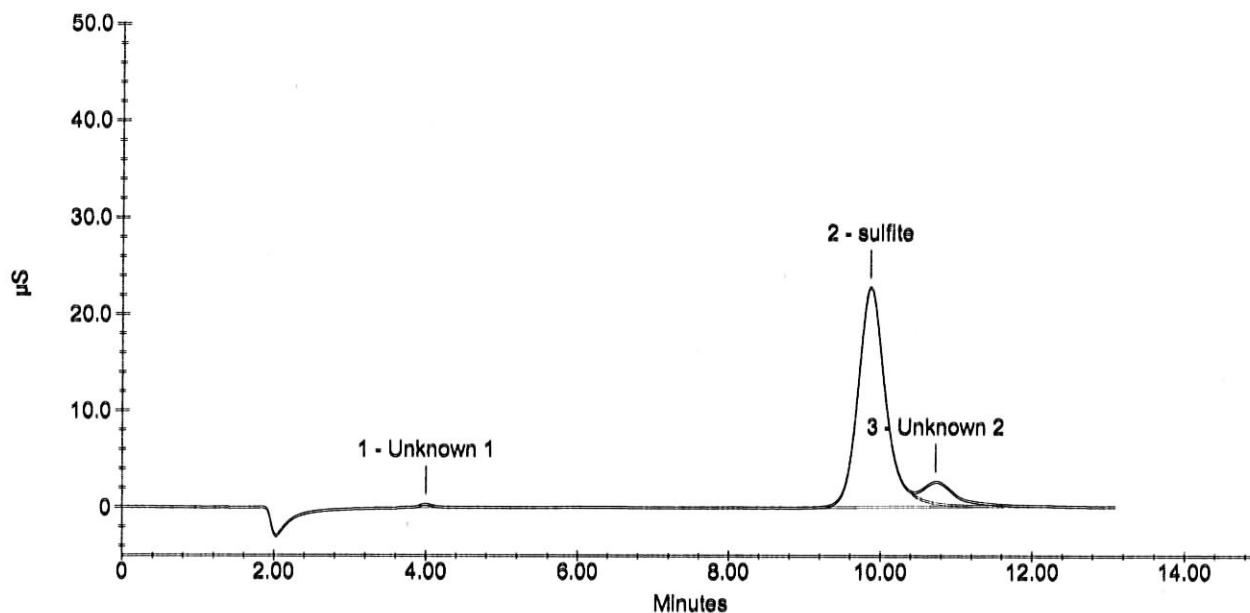
Injection Number : 18

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	4.00	Unknown 1	0.0000	22502	2546	
2	9.85	sulfite	24.1712	5880053	226832	
3	10.72	Unknown 2	0.0000	652788	22121	

091007A SULFITE CCV



Sample Analysis Report

Sample Name : 091007A SULFITE /300 CCB

Data File Name : i:\dionex\d1anions\data\091007a\091007A_019.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/7/09 13:39:51

System Operator : PD

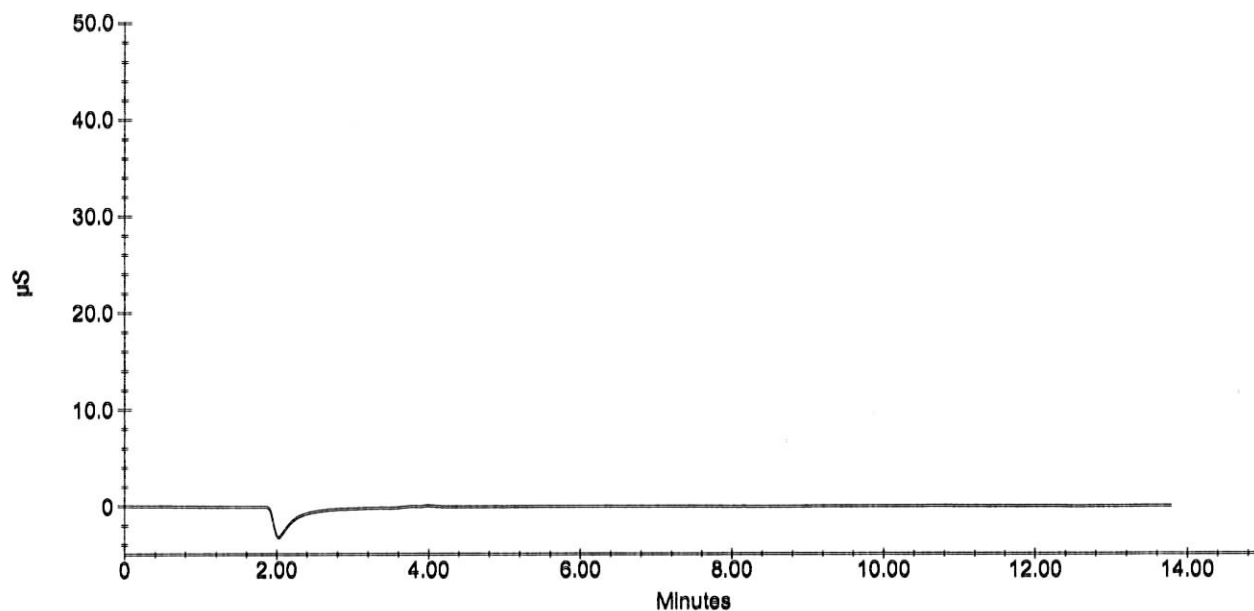
Injection Number : 19

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091007A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091007A SULFITE /300 CCB

Data File Name : i:\dionex\dlanions\data\091007a\091007A_019.DXD

Method File Name : I:\DIONEX\DIANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 13:39:51

System Operator : PD

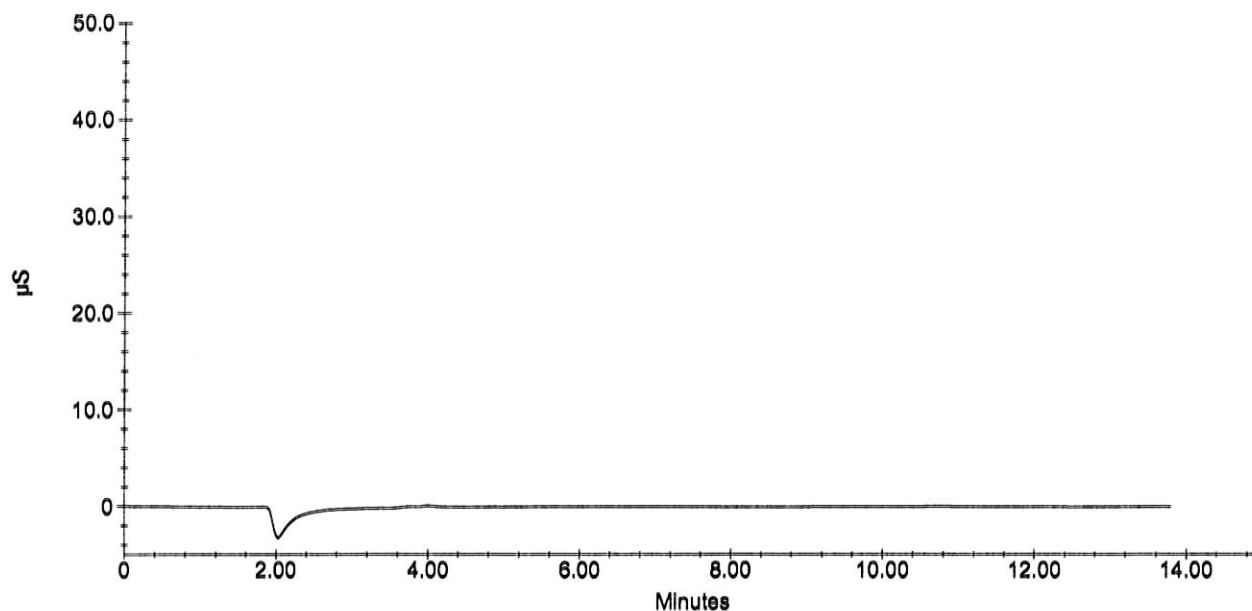
Injection Number : 19

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091007A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091007A 300 CCV

Data File Name : i:\dionex\dlanions\data\091007a\091007A_020.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 13:56:15

System Operator : PD

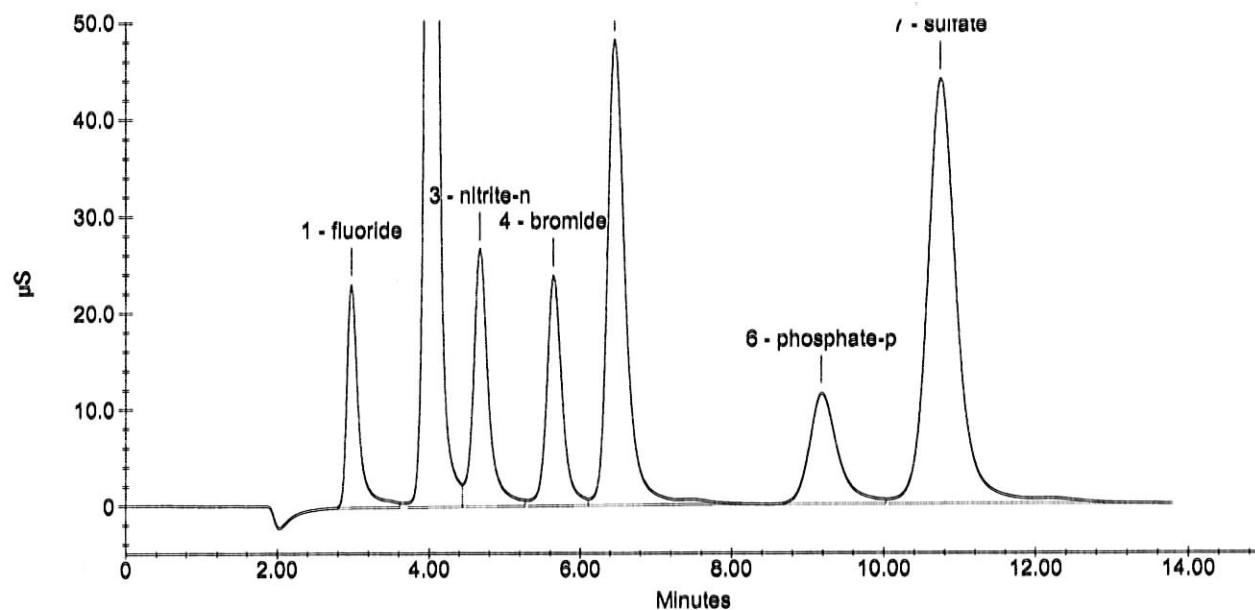
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	2.4144	2472161	230169	
2	4.03	chloride	23.1602	17894234	1761330	
3	4.67	nitrite-n	2.6182	3672688	265134	
4	5.64	bromide	12.0436	3405117	237788	
5	6.45	nitrate-n	4.8599	8060553	479767	
6	9.17	phosphate-p	4.8172	2995346	114052	
7	10.73	sulfate	23.9343	12096992	438363	

091007A 300 CCV



Sample Analysis Report

Sample Name : 091008A 300 CCV

Data File Name : i:\dionex\d1anions\data\091007a\091008A_099.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 12:03:30

System Operator : PD

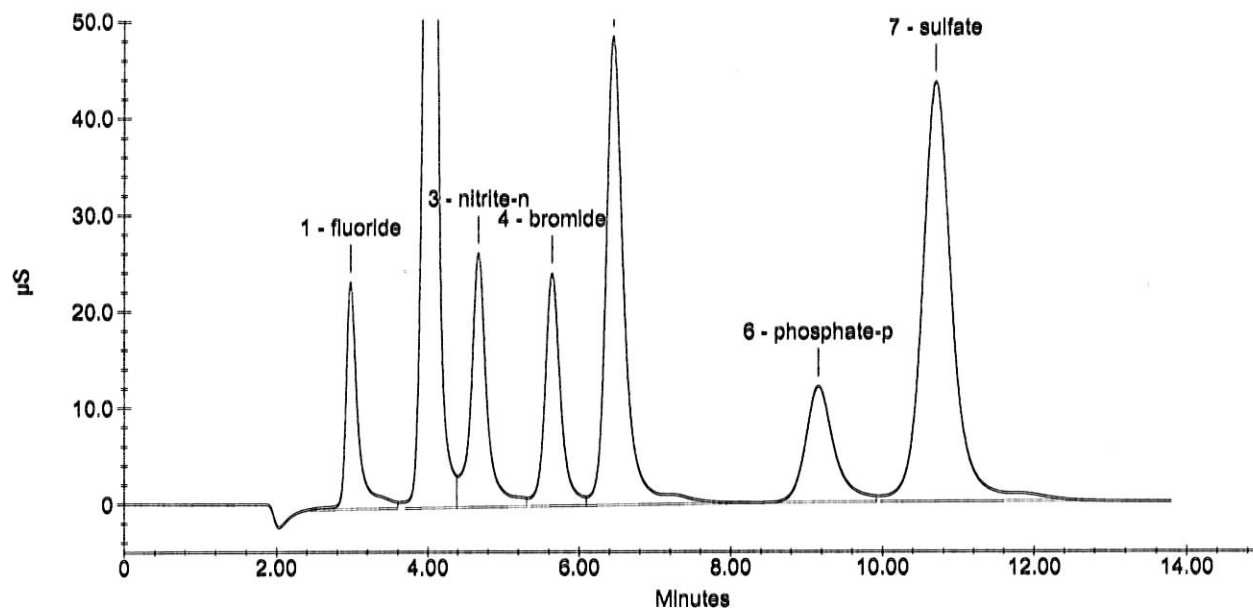
Injection Number : 99

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	2.5791	2645995	234500	
2	4.03	chloride	23.2104	17934753	1777379	
3	4.67	nitrite-n	2.7523	3864956	262218	
4	5.64	bromide	12.1243	3428424	240386	
5	6.45	nitrate-n	4.9460	8207455	484267	
6	9.15	phosphate-p	5.0749	3152927	119646	
7	10.69	sulfate	23.7697	12011956	433371	

091008A 300 CCV



Sample Analysis Report

Sample Name : 091008A SULFITE CCV

Date File Name : I:\Dionex\D1Anions\data\091007A\091008A_102.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 13:04:39

System Operator : PD

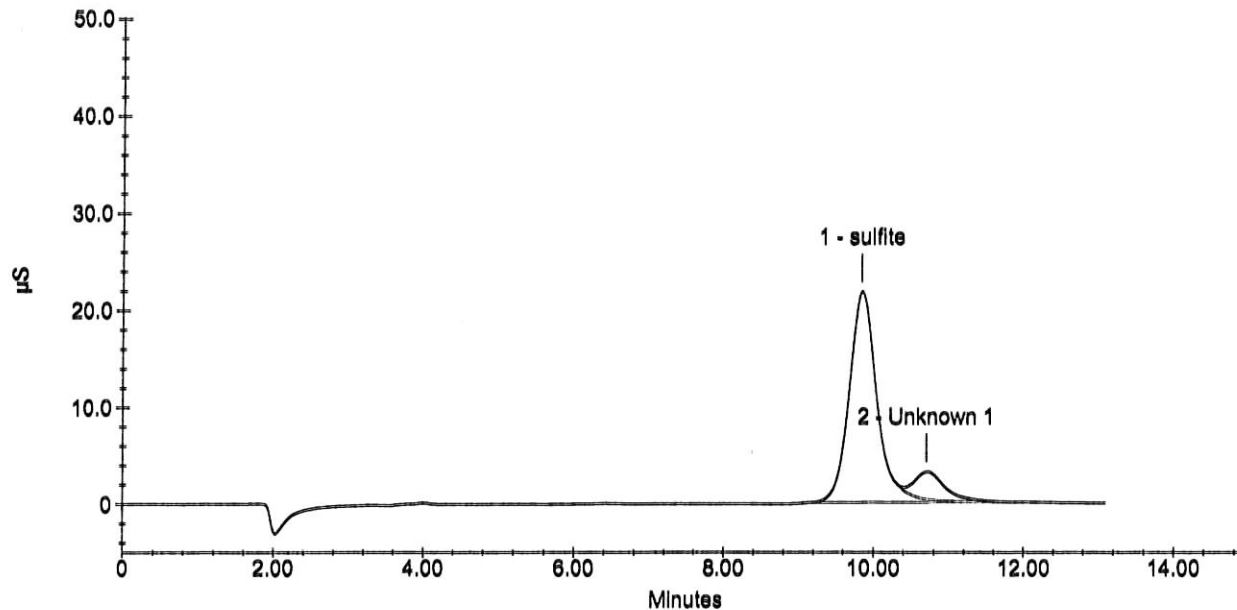
Injection Number : 102

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.83	sulfite	22.8573	5561389	216307	
2	10.69	Unknown 1	0.0000	817039	28382	

091008A SULFITE CCV



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\dlanions\data\091007a\091008A_104.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 13:36:04

System Operator : PD

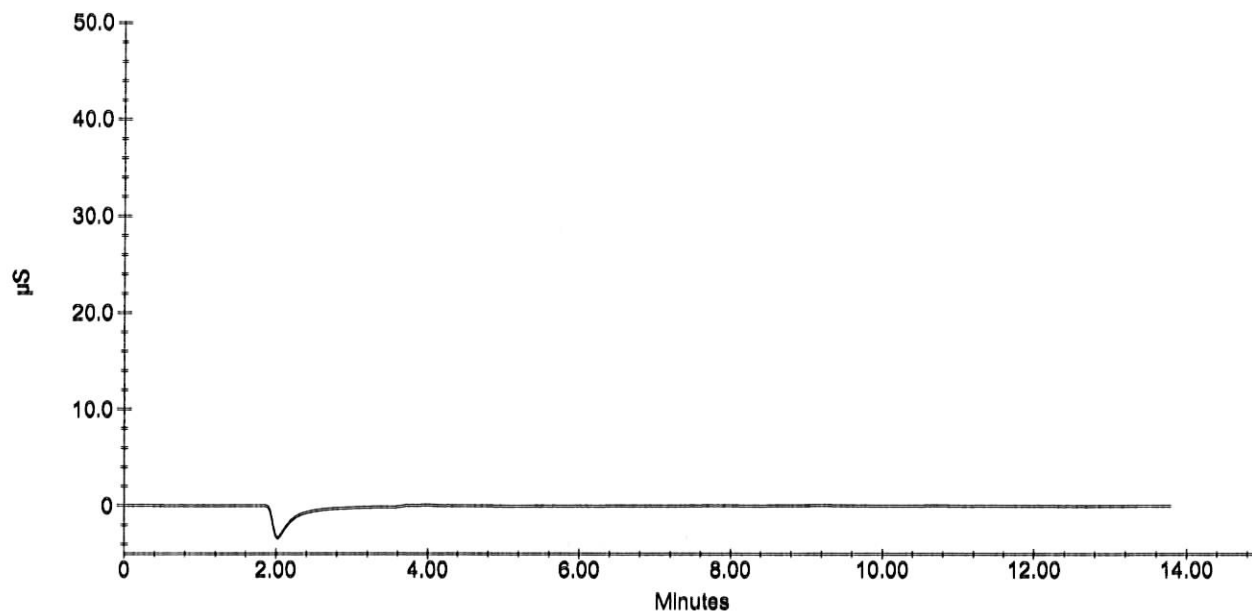
Injection Number : 104

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_104.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 13:36:04

System Operator : PD

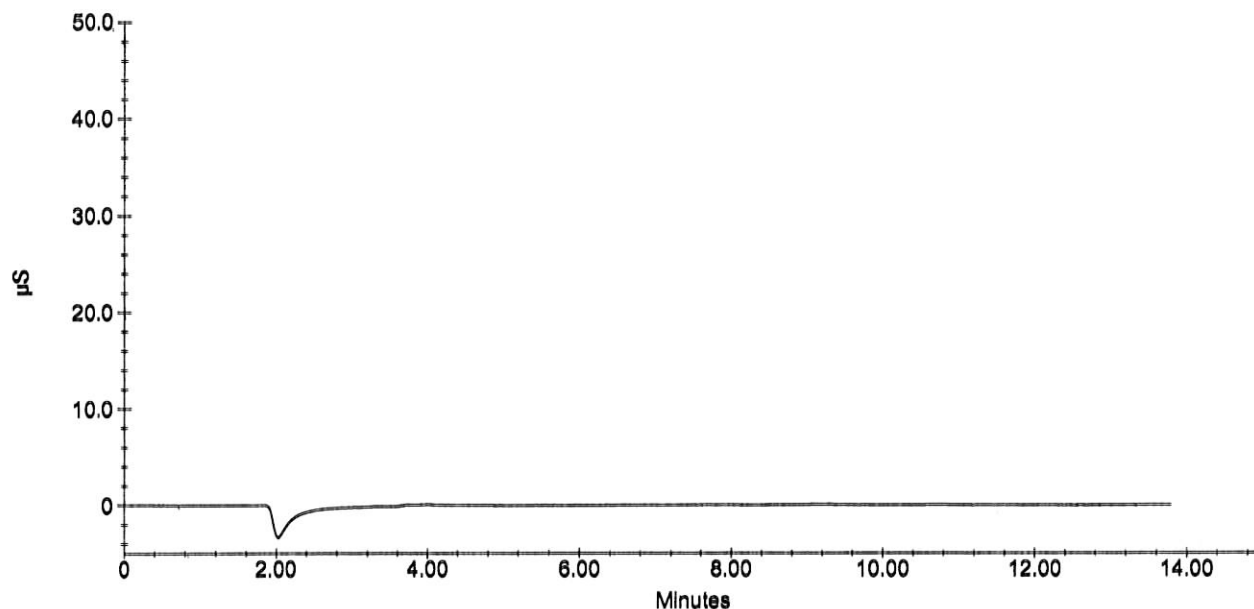
Injection Number : 104

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091008A SULFITE CCV

Data File Name : i:\dionex\dlanions\data\091007a\091008A_116.DXD

Method File Name : i:\dionex\dlanions\methods\epasufite 08-25-09low.met

Date Time Collected : 10/8/09 16:53:17

System Operator : PD

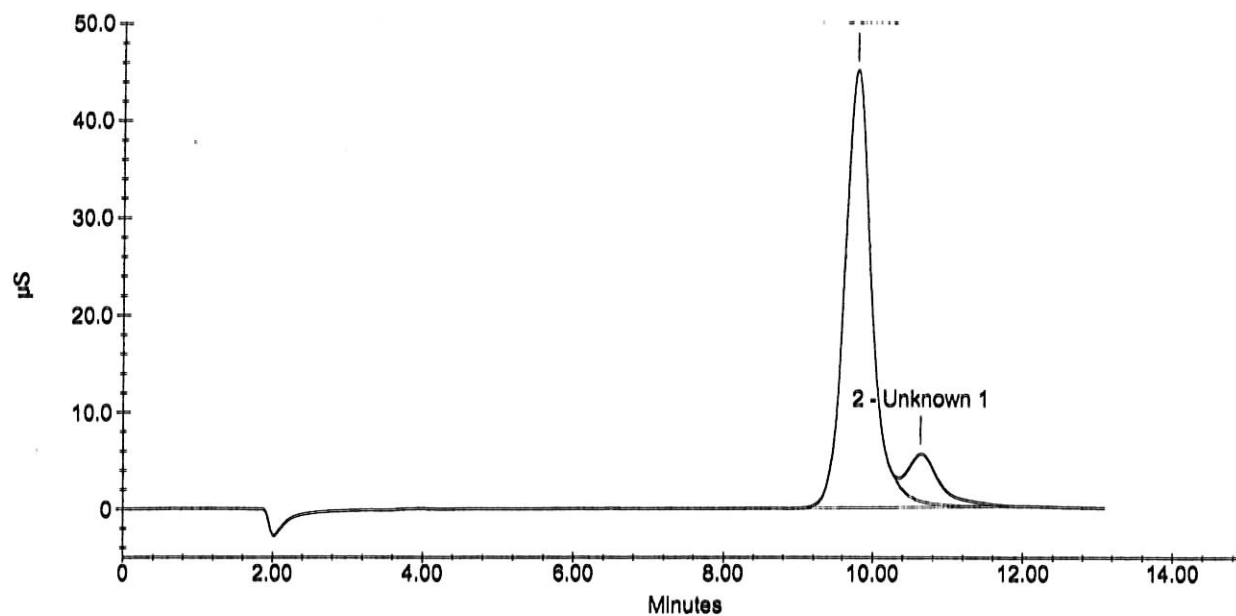
Injection Number : 116

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.76	sulfite	47.3146	11493309	449045	
2	10.63	Unknown 1	0.0000	1446450	48709	

091008A SULFITE CCV



Sample Analysis Report

Sample Name : 091008A 300 CCV

Data File Name : i:\dionex\d1anions\data\091007a\091008A_117.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 17:09:03

System Operator : PD

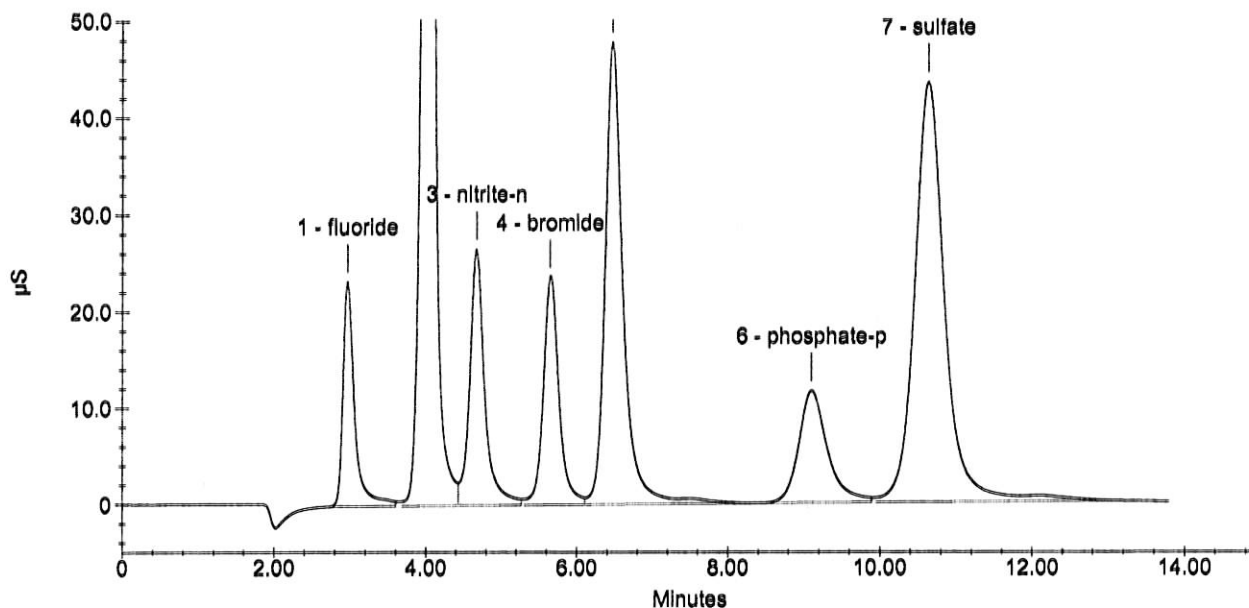
Injection Number : 117

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.3903	2446684	232185	
2	4.01	chloride	22.9947	17760764	1758761	
3	4.67	nitrite-n	2.6045	3653123	264675	
4	5.64	bromide	11.9740	3385016	234861	
5	6.47	nitrate-n	4.8495	8042941	477309	
6	9.09	phosphate-p	4.8908	3040371	115787	
7	10.63	sulfate	23.7407	11996938	433922	

091008A 300 CCV



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_118.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 17:25:38

System Operator : PD

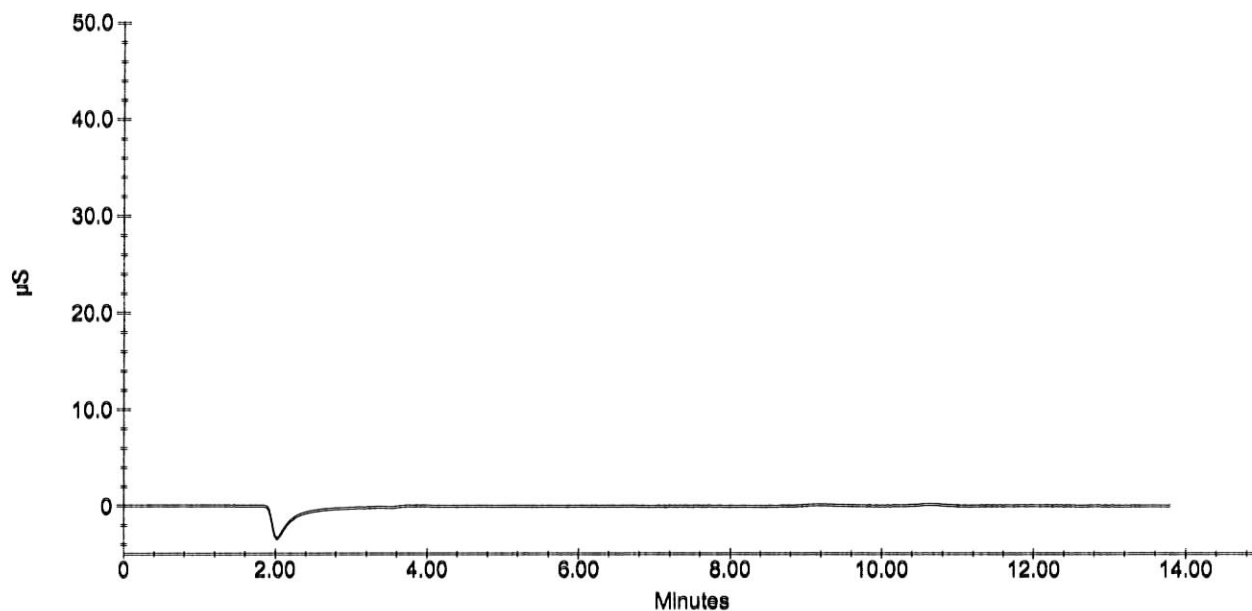
Injection Number : 118

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_118.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 17:25:38

System Operator : PD

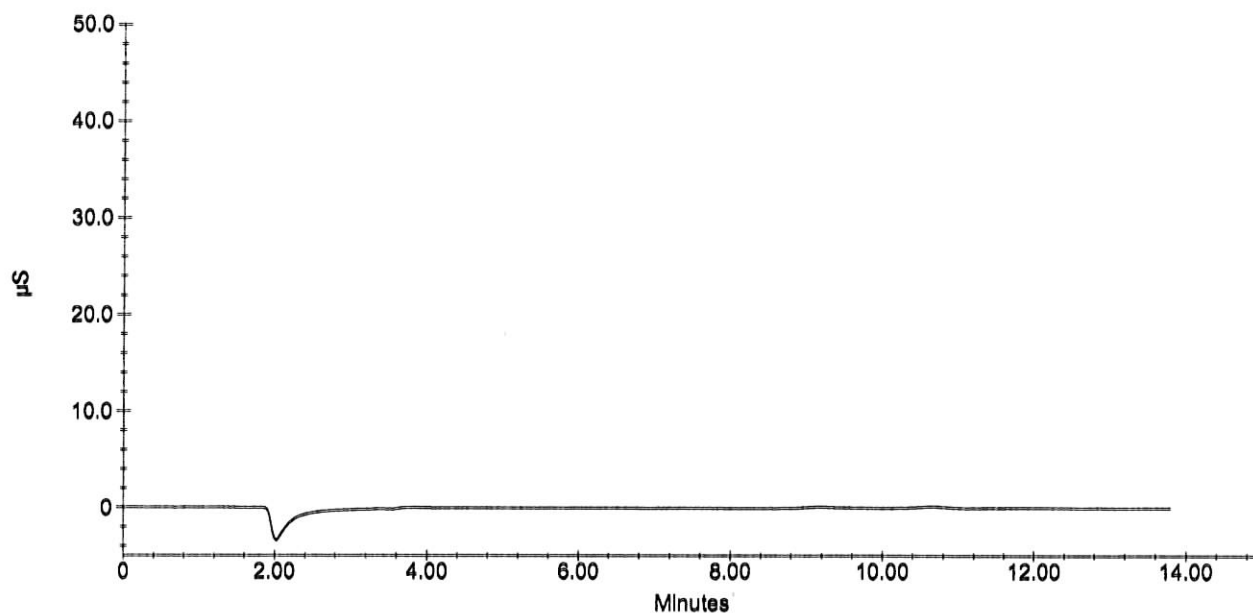
Injection Number : 118

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091008A SULFITE CCV

Data File Name : i:\dionex\d1anions\data\091007a\091008A_130.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/8/09 20:42:37

System Operator : PD

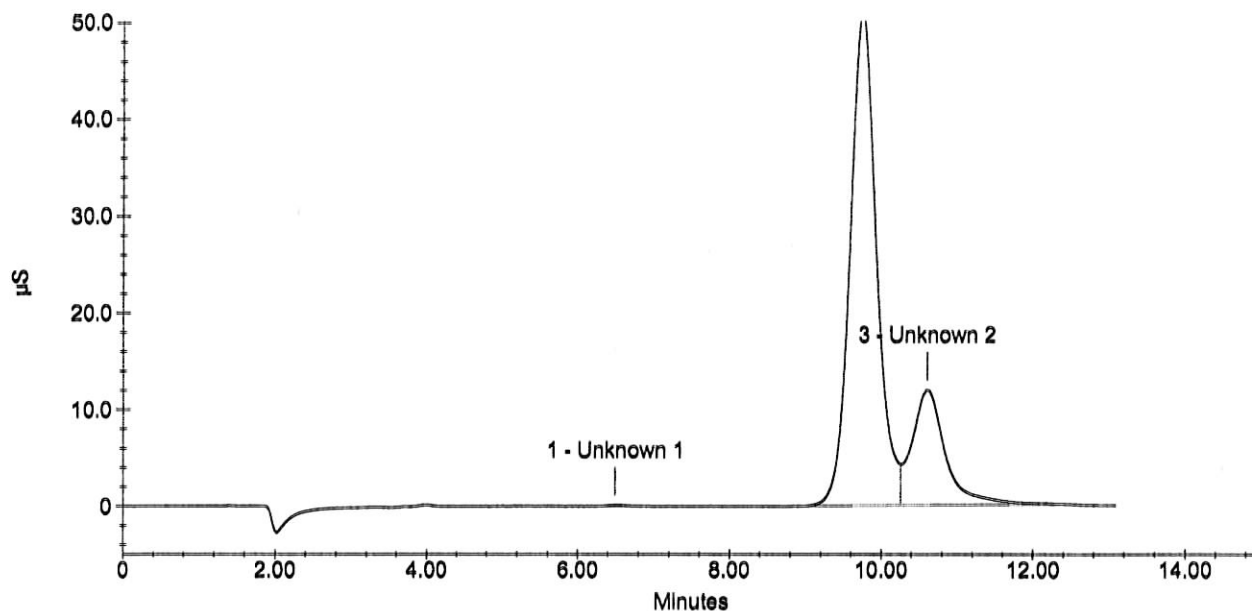
Injection Number : 130

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	6.49	Unknown 1	0.0000	11293	881	
2	9.73	sulfite	51.0825	12407189	509665	+
3	10.60	Unknown 2	0.0000	3639973	118819	

091008A SULFITE CCV



Sample Analysis Report

Sample Name : 091008A 300 CCV

Data File Name : i:\dionex\d1anions\data\091007a\091008A_131.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 20:58:25

System Operator : PD

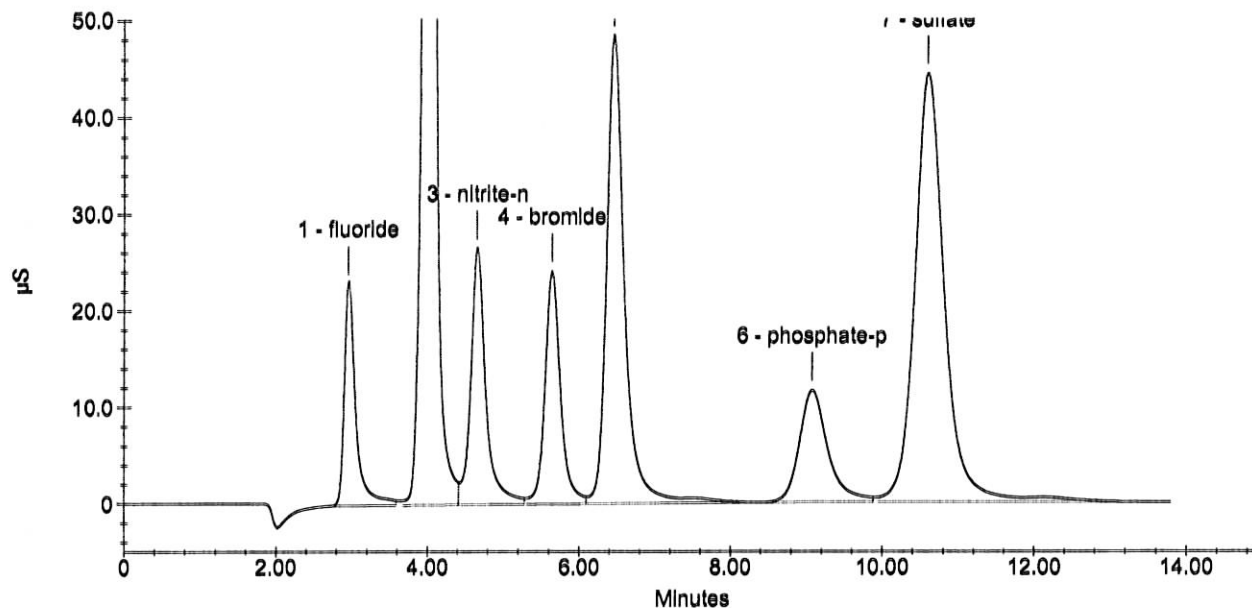
Injection Number : 131

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.95	fluoride	2.3910	2447434	229215	
2	4.00	chloride	23.1406	17878487	1760486	
3	4.65	nitrite-n	2.6271	3685531	264757	
4	5.64	bromide	12.0495	3406827	240714	
5	6.45	nitrate-n	4.8793	8093668	483392	
6	9.07	phosphate-p	4.8470	3013608	115696	
7	10.59	sulfate	23.8930	12075641	442292	

091008A 300 CCV



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_133.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 21:31:36

System Operator : PD

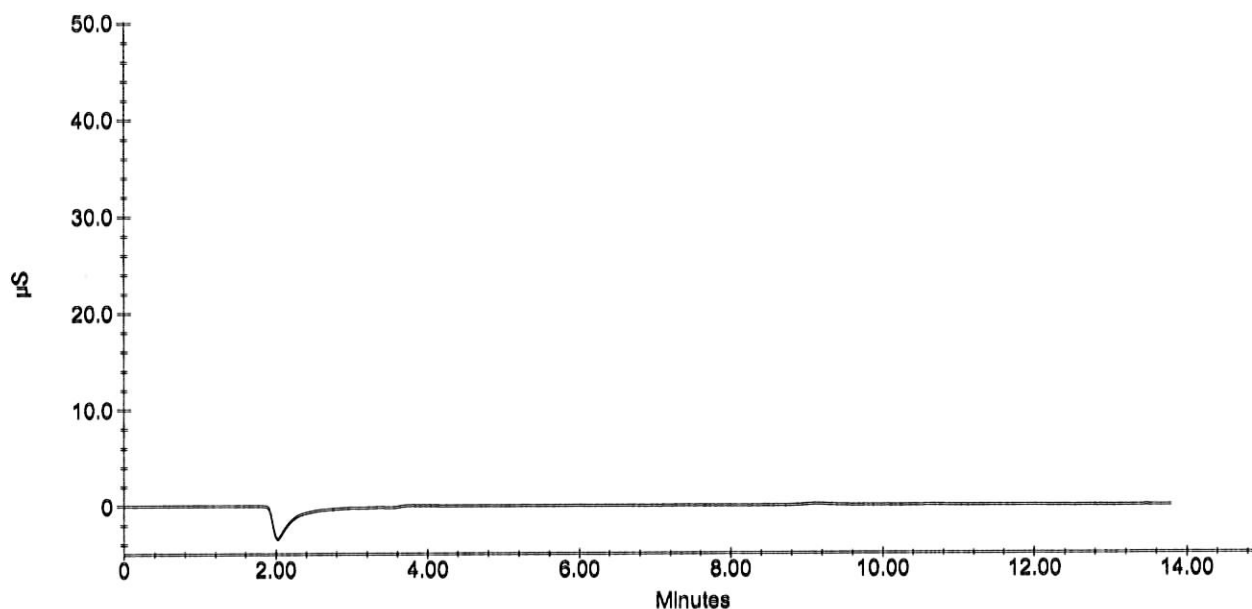
Injection Number : 133

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_133.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 21:31:36

System Operator : PD

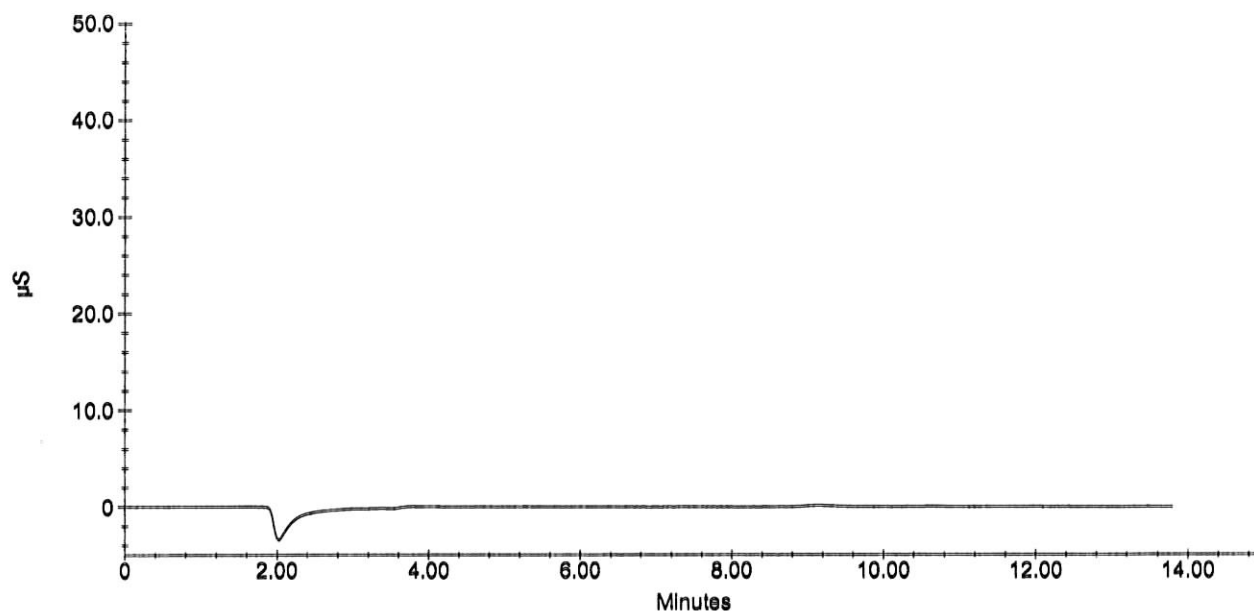
Injection Number : 133

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300 CCV

Data File Name : i:\dionex\dlanions\data\091007a\091008A_186.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 12:16:45

System Operator : PD

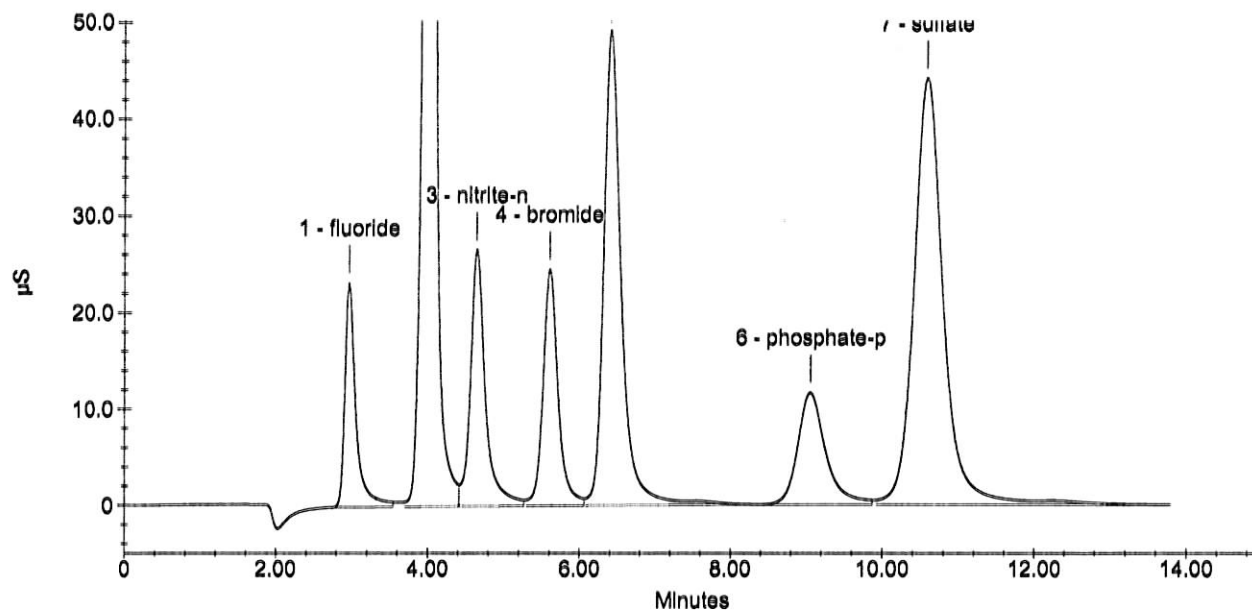
Injection Number : 186

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.3301	2383166	231816	
2	4.00	chloride	23.0924	17839576	1802732	
3	4.64	nitrite-n	2.5919	3634990	264744	
4	5.60	bromide	11.9970	3391655	244332	
5	6.40	nitrate-n	4.8433	8032337	488738	
6	9.05	phosphate-p	4.7742	2969067	115895	
7	10.57	sulfate	23.6681	11959445	440782	

091008A 300 CCV



Sample Analysis Report

Sample Name : 091008A 300/ SULFITE CCB

Data File Name : i:\dionex\dlanions\data\091007a\091008A_188.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 12:49:46

System Operator : PD

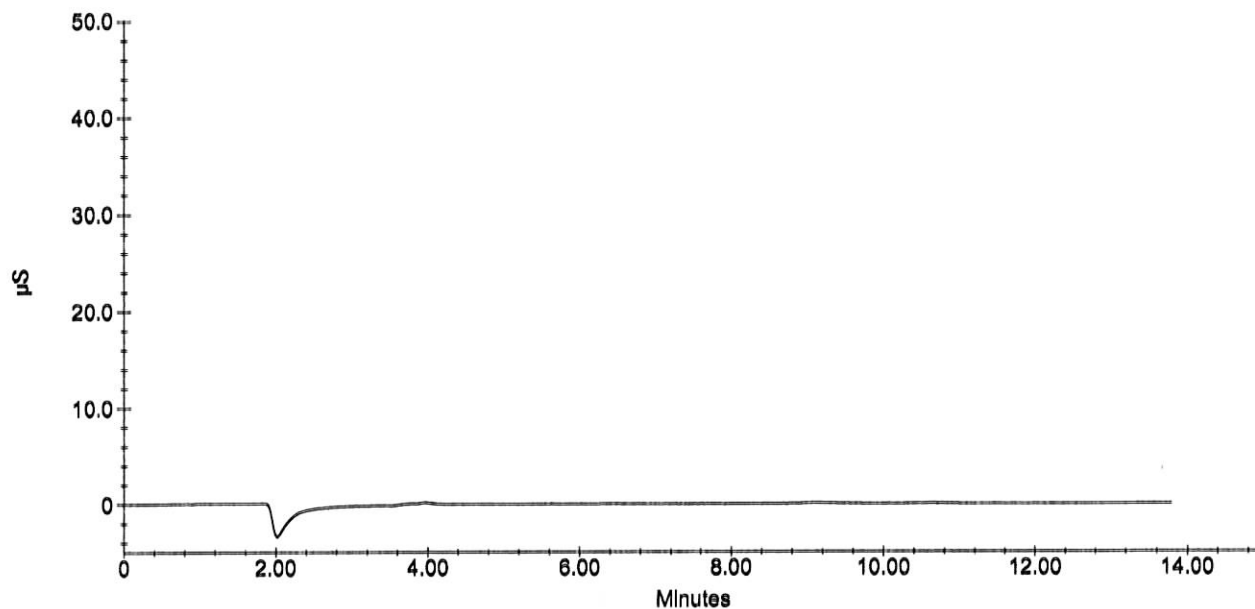
Injection Number : 188

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/ SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_188.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 12:49:46

System Operator : PD

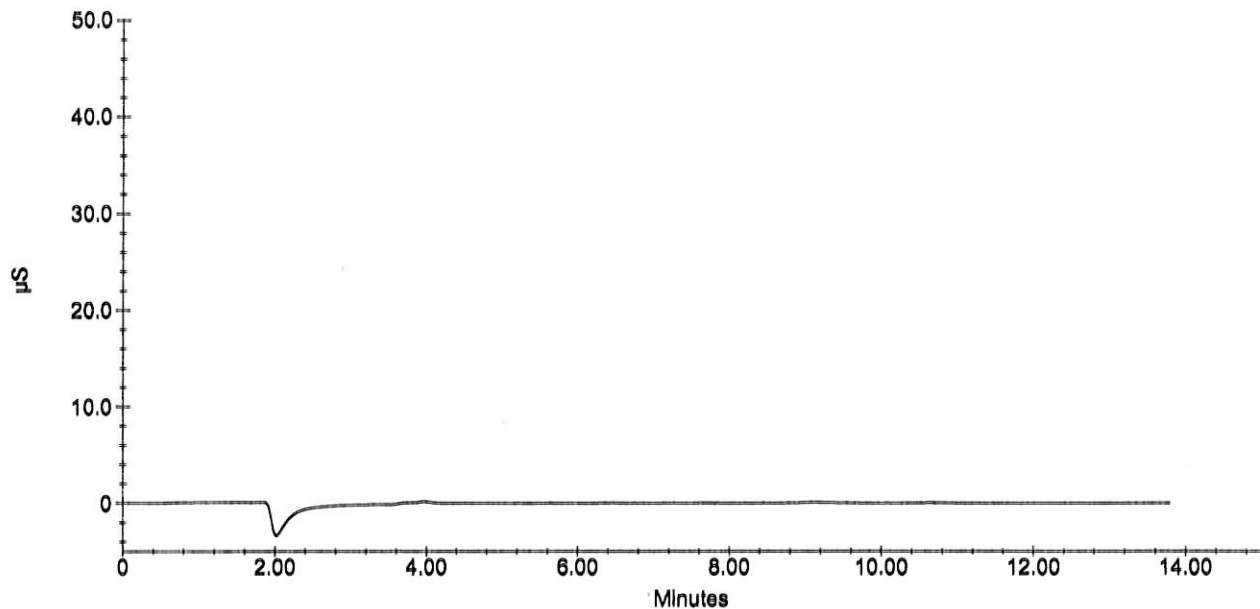
Injection Number : 188

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091009A SULFITE CCV

Data File Name : i:\dionex\dlanions\data\091007a\091009A_192.DXD

Method File Name : i:\dionex\dlanions\methods\epasufite 08-25-09low.met

Date Time Collected : 10/9/09 14:14:20

System Operator : PD

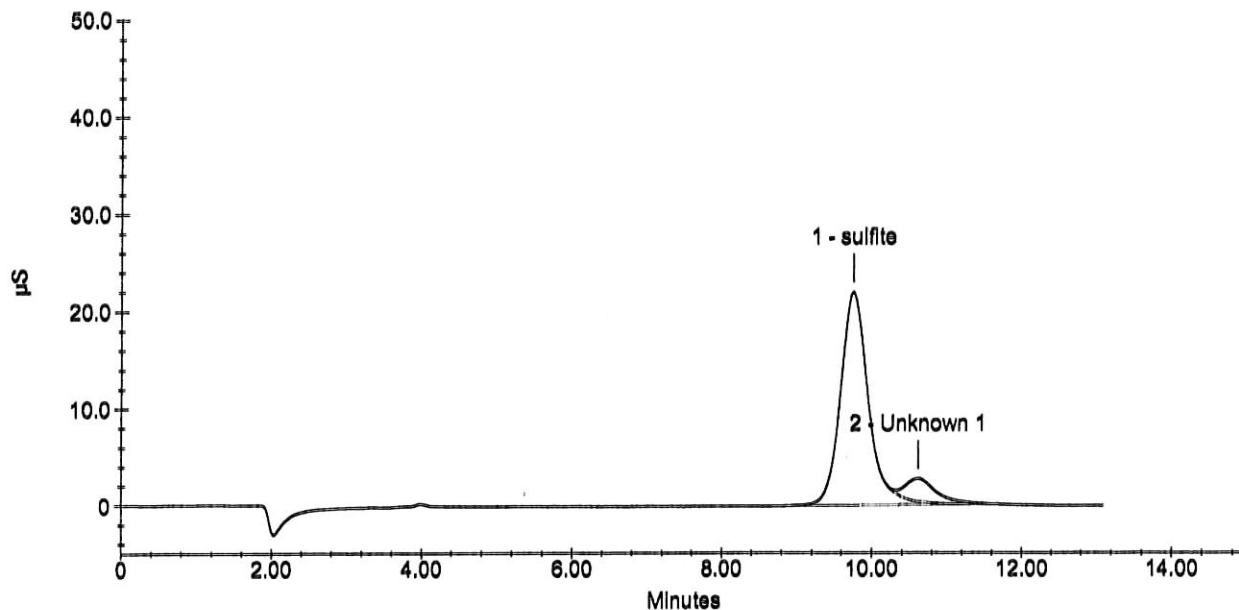
Injection Number : 192

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.75	sulfite	23.1813	5639968	218978	
2	10.61	Unknown 1	0.0000	680016	23908	

091009A SULFITE CCV



Sample Analysis Report

Sample Name : 091009A SULFITE CCV

Data File Name : I:\Dionex\D1Anions\data\091007A\091009A_198.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 15:51:46

System Operator : PD

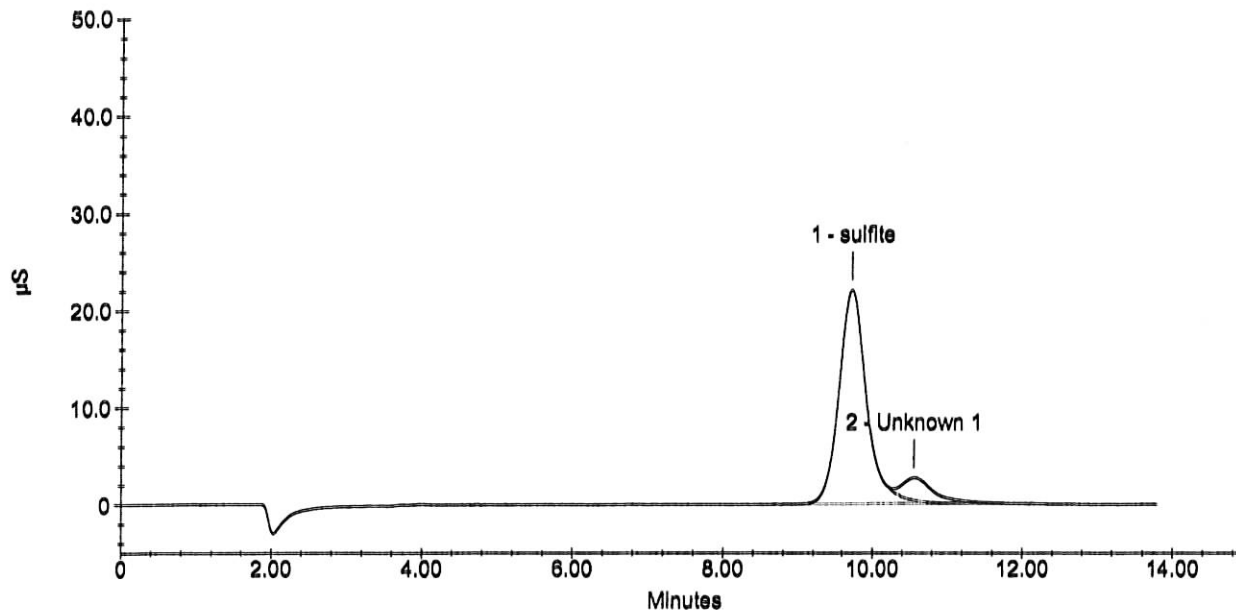
Injection Number : 198

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.71	sulfite	23.1559	5633817	219872	
2	10.55	Unknown 1	0.0000	694213	23432	

091009A SULFITE CCV



Sample Analysis Report

Sample Name : 091009A 300/ SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091009A_199.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 16:08:14

System Operator : PD

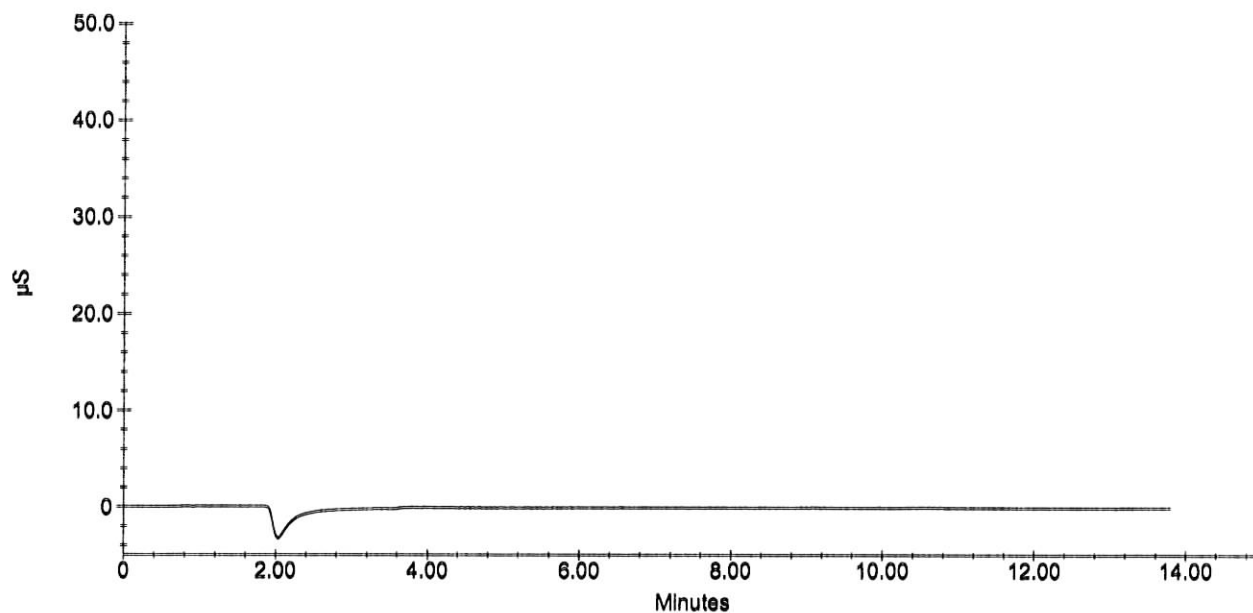
Injection Number : 199

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091009A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091009A 300/ SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091009A_199.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 16:08:14

System Operator : PD

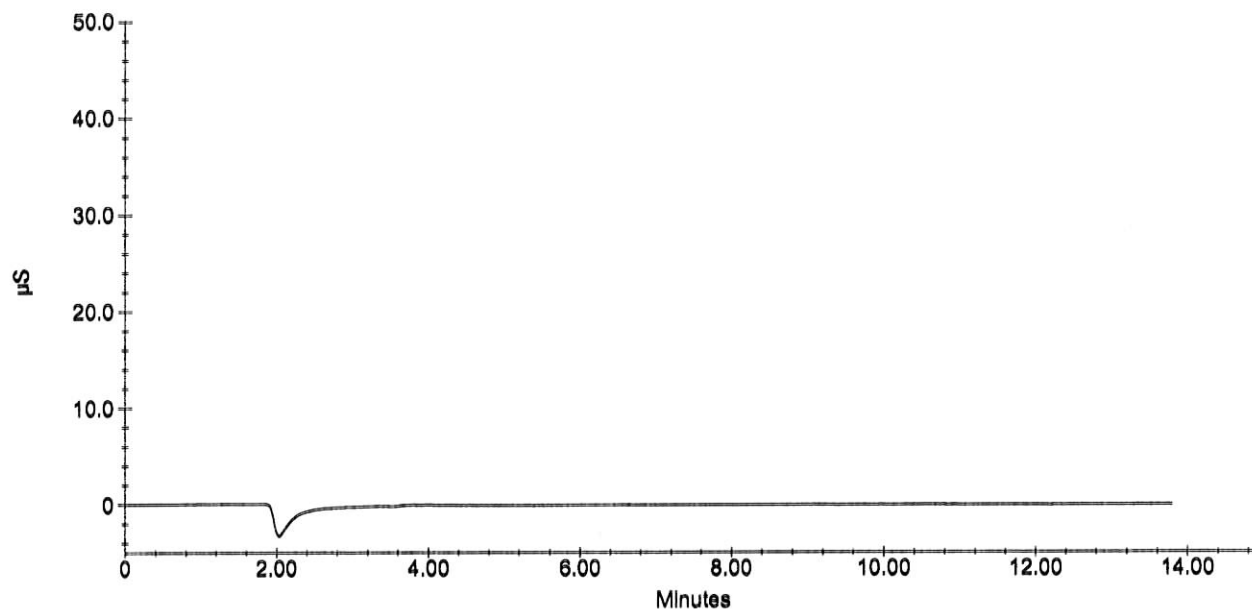
Injection Number : 199

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091009A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091009a300 ccv

Data File Name : i:\dionex\d1anions\data\091007a\091009A_200.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 16:24:37

System Operator : PD

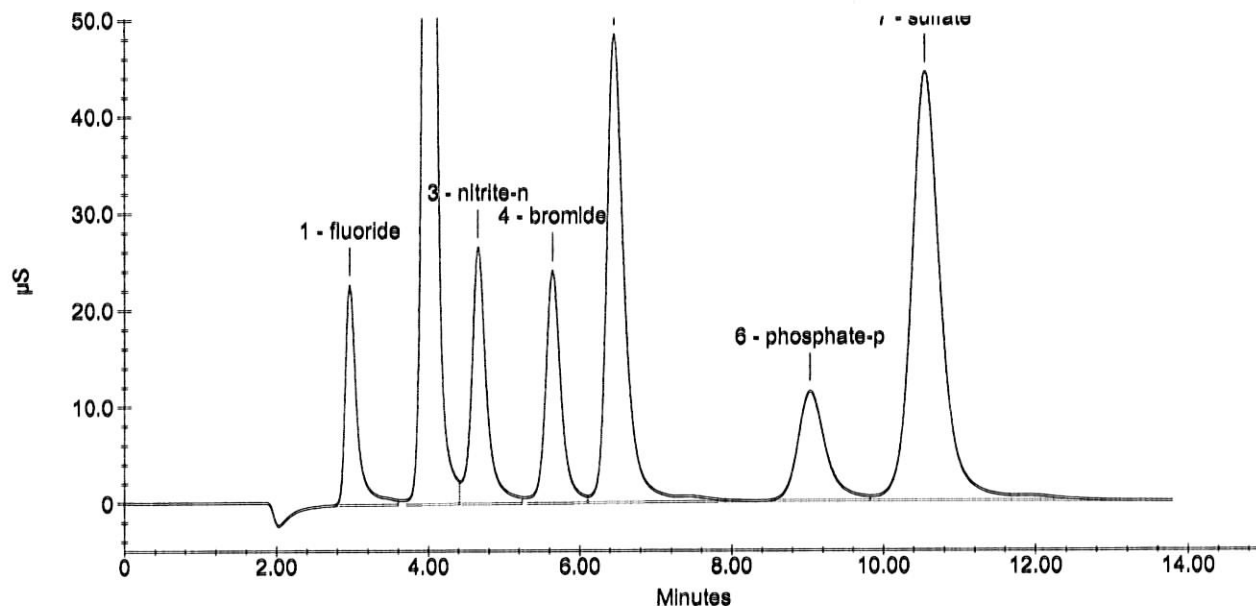
Injection Number : 200

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	2.3788	2434542	226950	
2	4.00	chloride	23.2281	17949076	1754728	
3	4.65	nitrite-n	2.6153	3668645	264561	
4	5.64	bromide	12.0446	3405408	240182	
5	6.45	nitrate-n	4.8848	8103102	483097	
6	9.03	phosphate-p	4.6834	2913560	113155	
7	10.53	sulfate	23.8890	12073575	442298	

091009a300 ccv



Sample Analysis Report

Sample Name : 091009A SULFITE CCV

Data File Name : i:\dionex\d1anions\data\091007a\091009A_213.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/9/09 20:07:45

System Operator : PD

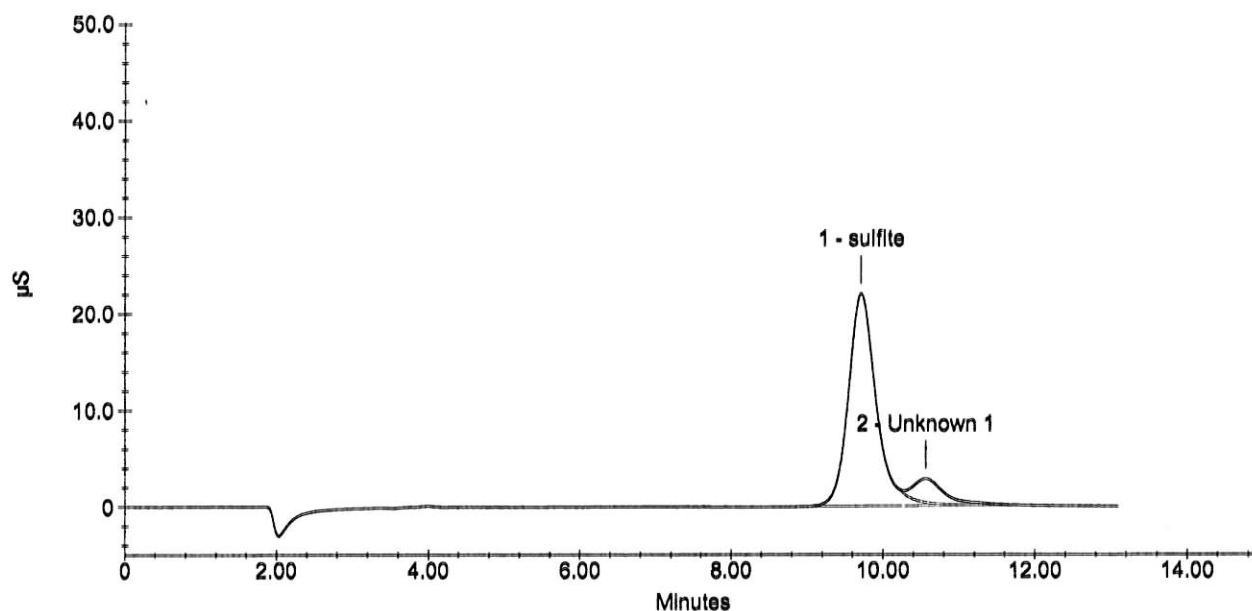
Injection Number : 213

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.71	sulfite	23.0222	5601376	219460	
2	10.56	Unknown 1	0.0000	710476	24684	

091009A SULFITE CCV



Sample Analysis Report

Sample Name : 091008A 300 CCV

Data File Name : i:\dionex\d1anions\data\091007a\091009A_214.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 20:23:31

System Operator : PD

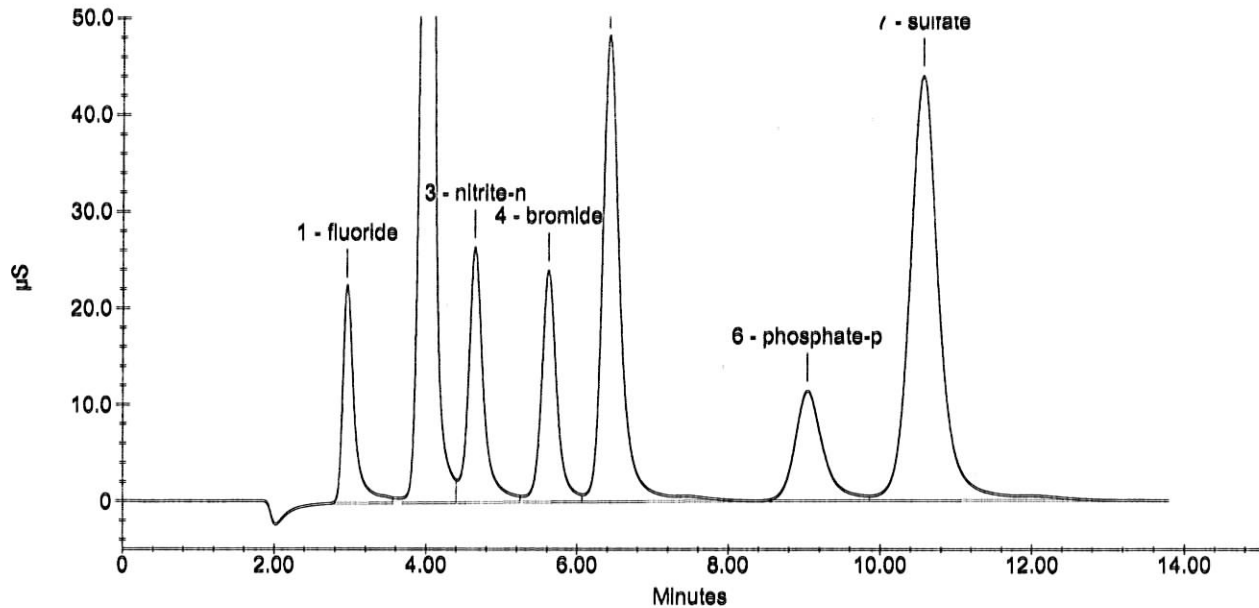
Injection Number : 214

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.95	fluoride	2.3668	2421886	223442	
2	4.00	chloride	22.9779	17747175	1771560	
3	4.64	nitrite-n	2.6034	3651476	263492	
4	5.61	bromide	11.9781	3386176	239278	
5	6.41	nitrate-n	4.8526	8048127	479454	
6	9.03	phosphate-p	4.7138	2932194	113099	
7	10.55	sulfate	23.5692	11908315	438606	

091008A 300 CCV



Sample Analysis Report

Sample Name : 091008A 300/ SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091009A_216.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 20:56:40

System Operator : PD

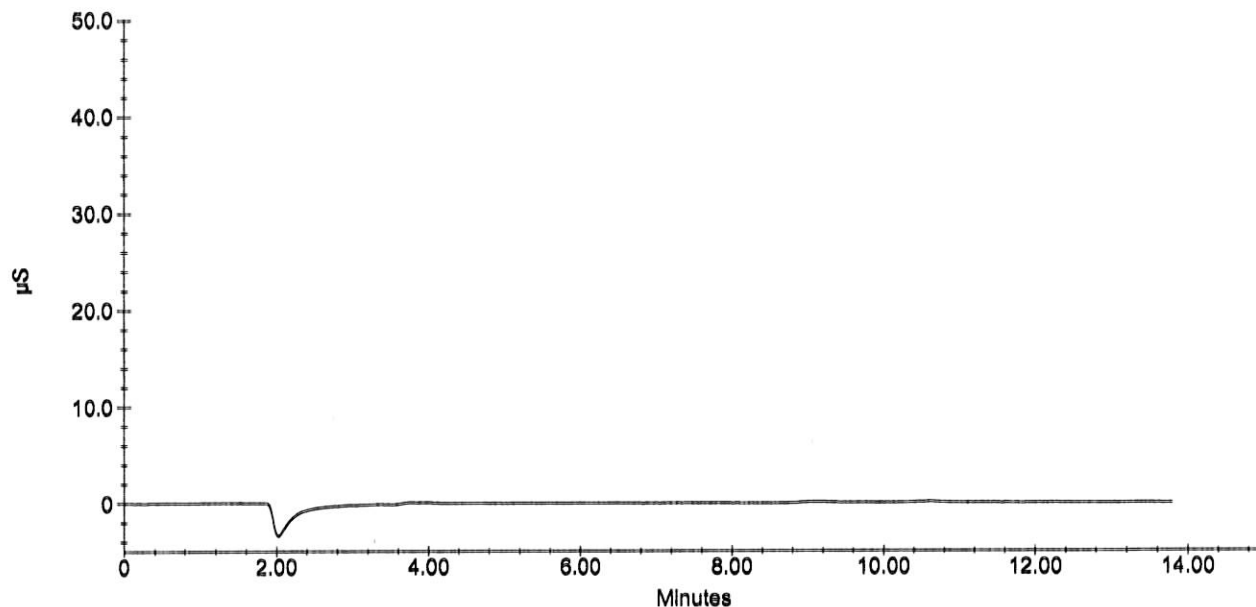
Injection Number : 216

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/ SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091009A_216.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/9/09 20:56:40

System Operator : PD

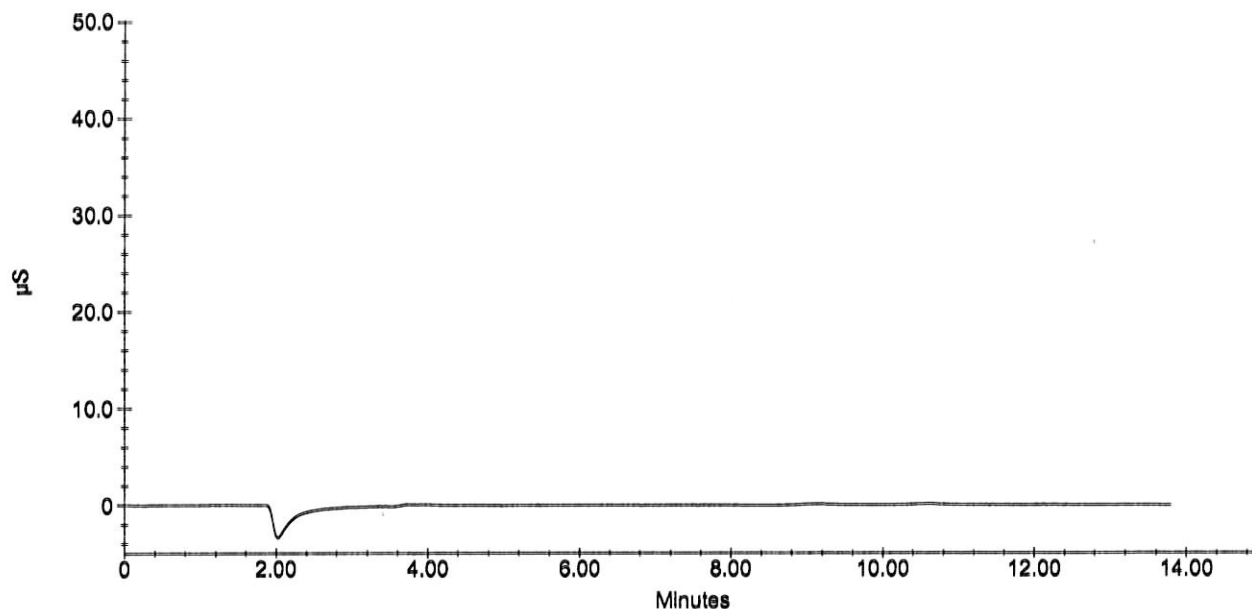
Injection Number : 216

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091012A 300 CCV

Data File Name : i:\dionex\d1anions\data\091012a\091012A_002.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 08:30:33

System Operator : PD

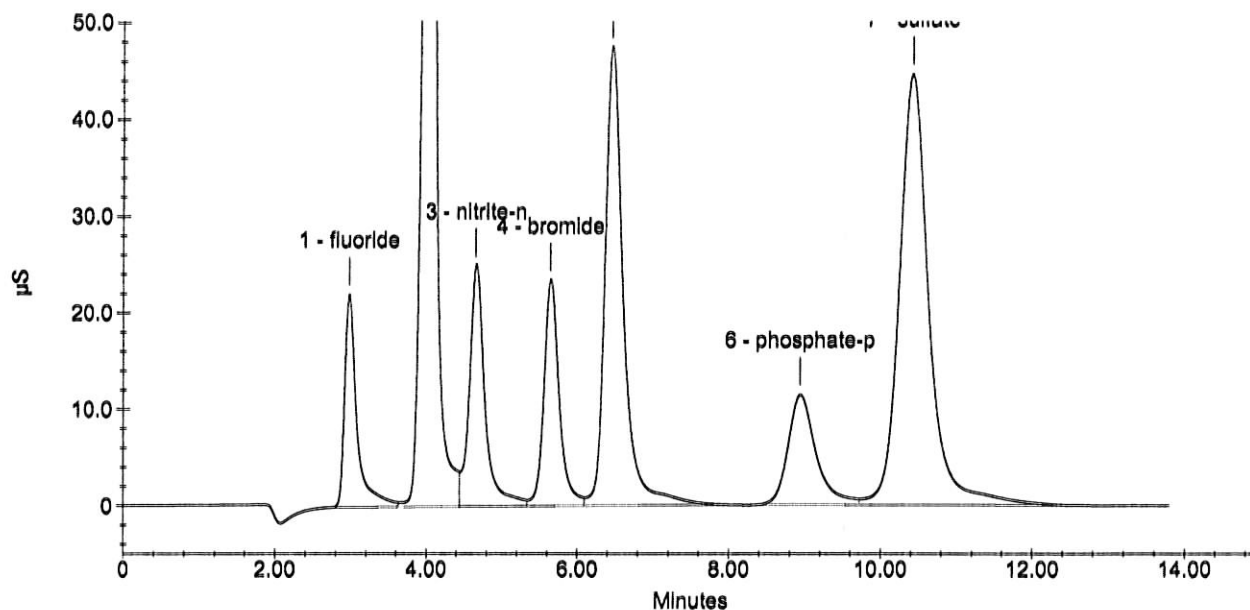
Injection Number : 2

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	2.4336	2492407	219807	
2	4.01	chloride	22.9585	17731502	1747605	
3	4.65	nitrite-n	2.5293	3545300	248192	
4	5.64	bromide	11.7008	3306071	232939	
5	6.45	nitrate-n	4.8150	7984110	472783	
6	8.93	phosphate-p	4.7071	2928065	113373	
7	10.41	sulfate	23.9075	12083137	445427	

091012A 300 CCV



Sample Analysis Report

Sample Name : 091012A SULFITE CCV

Data File Name : i:\dionex\dlanions\data\091012a\091012A_004.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\sufite 08-25-09Low.met

Date Time Collected : 10/12/09 09:04:48

System Operator : PD

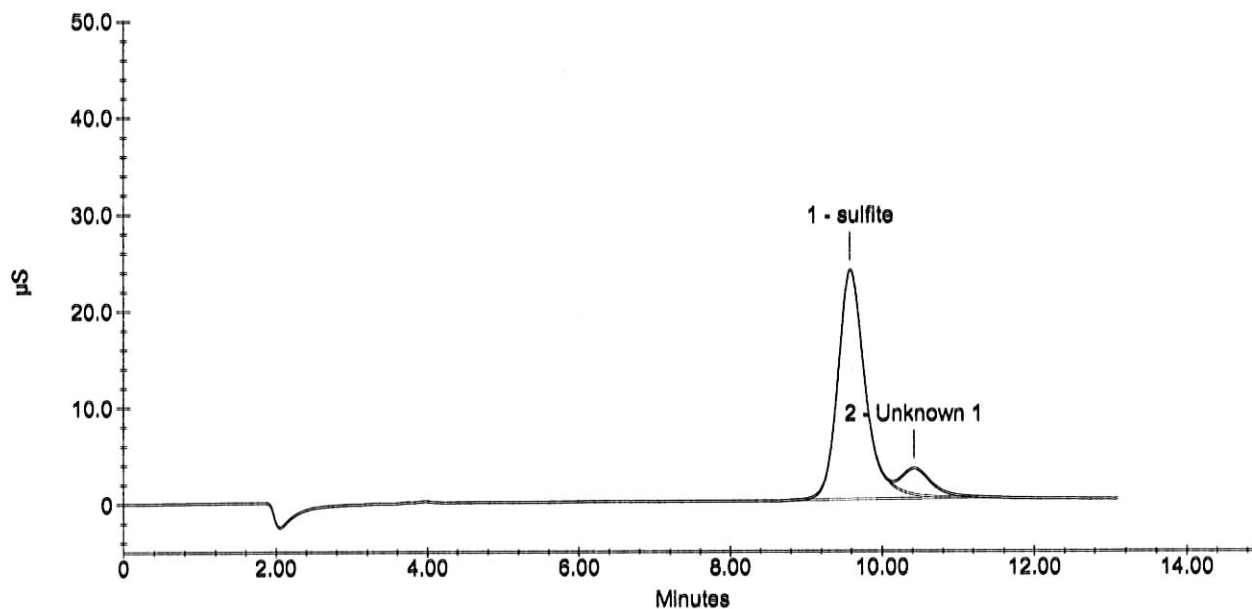
Injection Number : 4

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.57	sulfite	24.8863	6053514	236952	
2	10.41	Unknown 1	0.0000	733640	26964	

091012A SULFITE CCV



Sample Analysis Report

Sample Name : 091012A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091012a\091012A_006.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/12/09 09:36:17

System Operator : PD

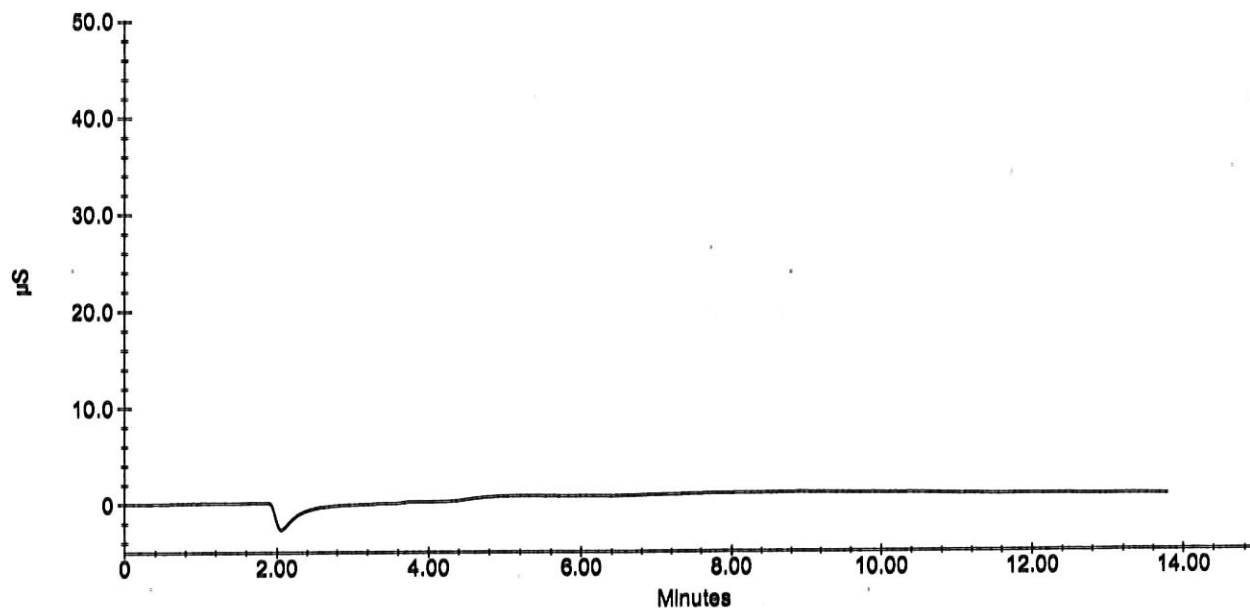
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091012A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091012A 300/SULFITE CCB

Data File Name : i:\dionex\dlanions\data\091012a\091012A_006.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 09:36:17

System Operator : PD

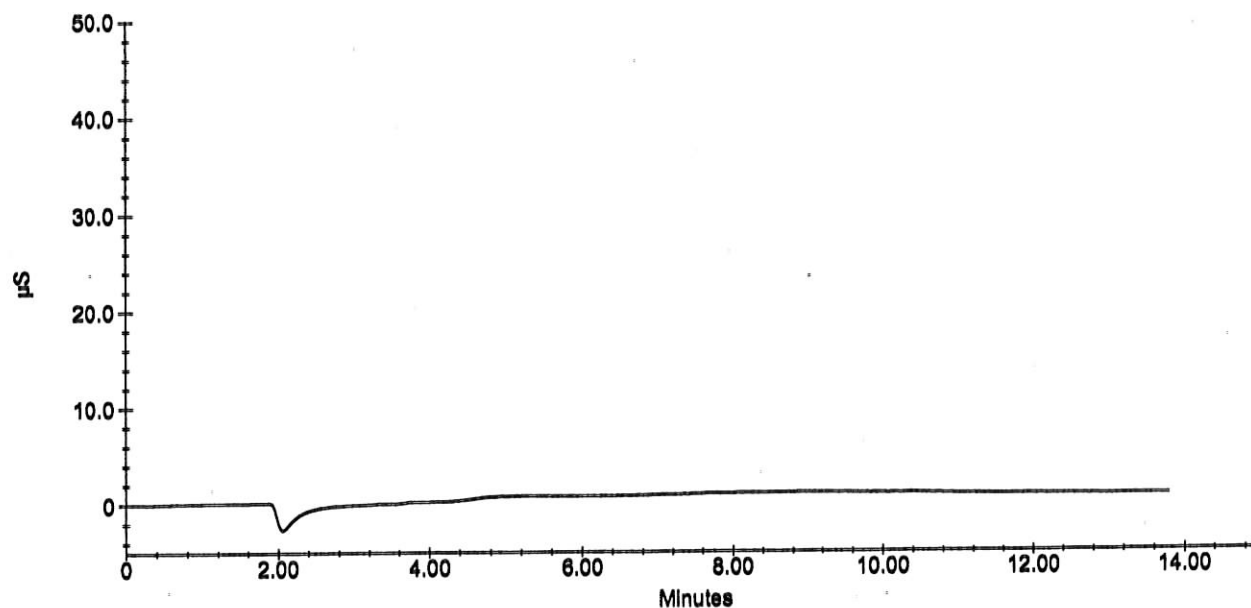
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091012A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091012A SULFITE CCV

Data File Name : i:\dionex\d1anions\data\091012a\091012A_018.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/12/09 12:56:10

System Operator : PD

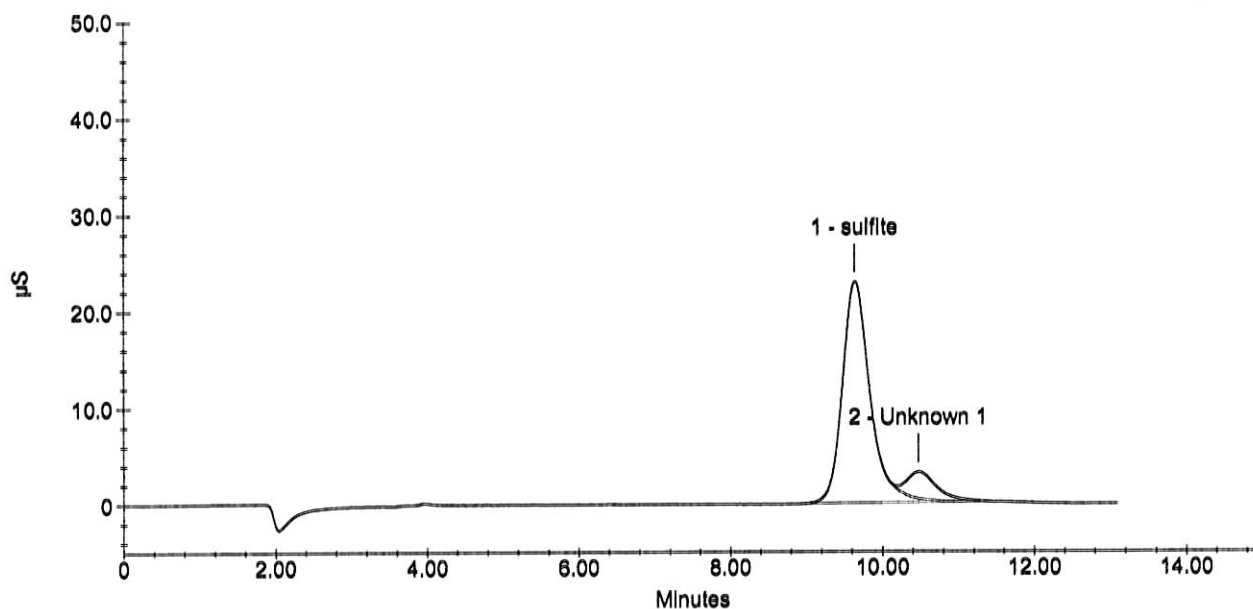
Injection Number : 18

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.63	sulfite	23.7723	5783319	227741	
2	10.47	Unknown 1	0.0000	762209	27635	

091012A SULFITE CCV



Sample Analysis Report

Sample Name : 091012A 300 CCV

Data File Name : i:\dionex\d1anions\data\091012a\091012A_019.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 13:11:50

System Operator : PD

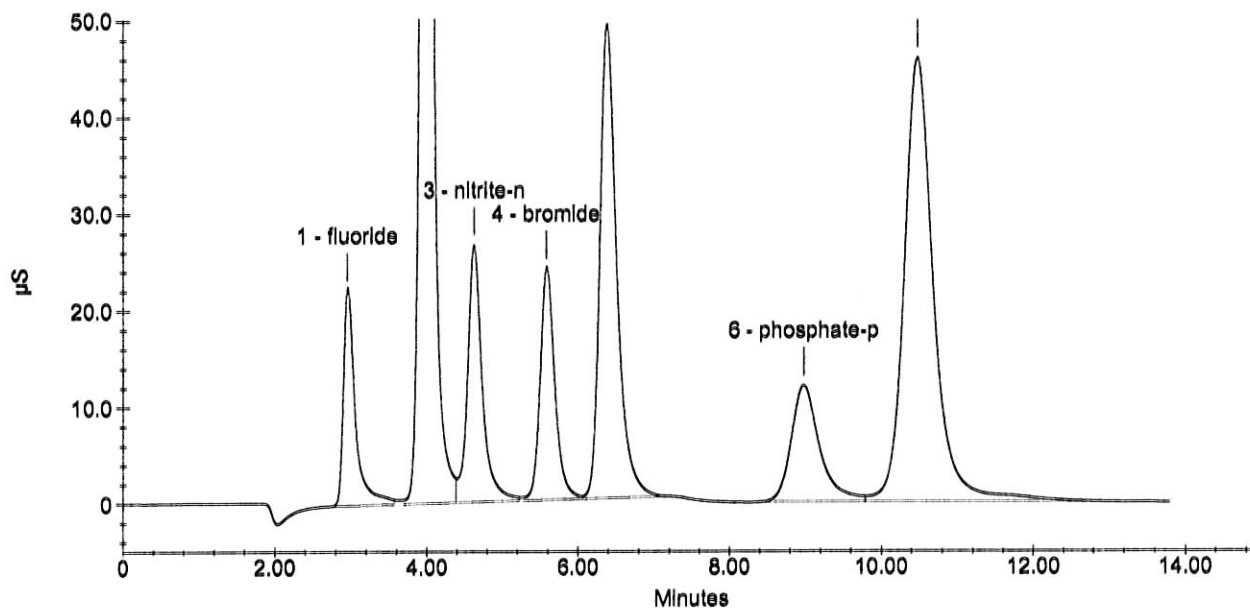
Injection Number : 19

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.95	fluoride	2.4284	2486912	222054	
2	3.99	chloride	23.4779	18150641	1800707	
3	4.63	nitrite-n	2.5693	3602594	265242	
4	5.57	bromide	11.5026	3248789	238631	
5	6.37	nitrate-n	4.6107	7635602	488005	
6	8.97	phosphate-p	5.0052	3110271	120330	
7	10.47	sulfate	24.3228	12297823	458367	

091012A 300 CCV



Sample Analysis Report

Sample Name : 091012A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091012a\091012A_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 13:28:25

System Operator : PD

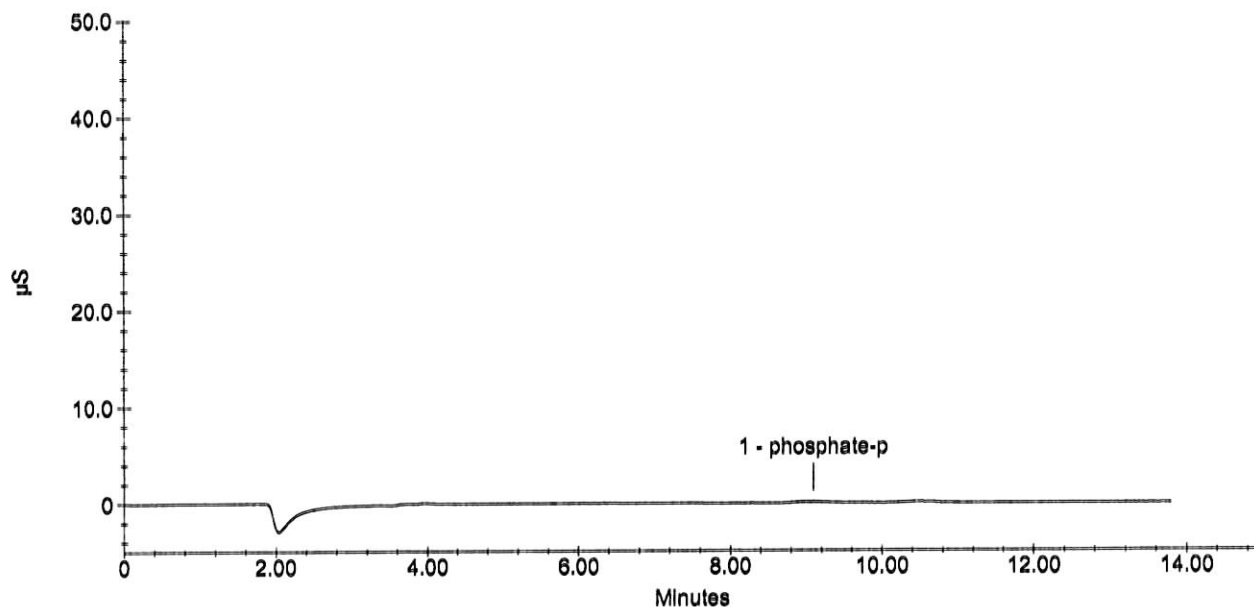
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.09	phosphate-p	-0.0531	18198	956	-

091012A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091012A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091012a\091012A_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 13:28:25

System Operator : PD

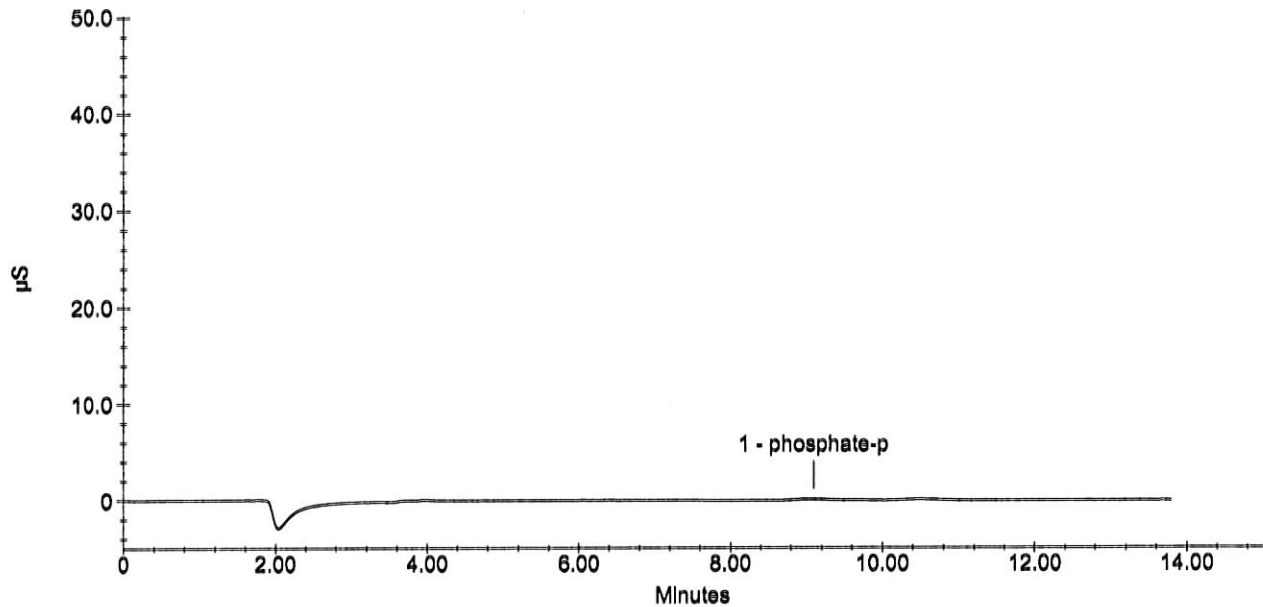
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.09	phosphate-p	-0.0531	18198	956	-

091012A 300/SULFITE CCB



INORGANIC ANALYSIS
Raw Data

APPL, INC.

WETLAB BLANK

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Analyte	Result	PQL	Units	Prep Date	Anal Date	QC Group
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/02/09	10/02/09	\$300WS-091002A-AY0474
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/02/09	10/02/09	\$300WS-091002A-AY0474
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/05/09	10/05/09	\$300WS-091005A-AY0474
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/05/09	10/05/09	\$300WS-091005A-AY0474
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/06/09	10/06/09	\$300WS-091006A-AY0475
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/06/09	10/06/09	\$300WS-091006A-AY0475
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/07/09	10/07/09	\$300WS-091007A-AY0476
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/07/09	10/07/09	\$300WS-091007A-AY0476
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/08/09	10/08/09	\$300WS-091008A-AY0477
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/08/09	10/08/09	\$300WS-091008A-AY0477
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/09/09	10/09/09	\$300WS-091008A1-AY047
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/09/09	10/09/09	\$300WS-091008A1-AY047
EPA 300.0	Fluoride	Not detected	1.0	mg/L	10/12/09	10/12/09	\$300WS-091012A-AY0480
EPA 300.0	Sulfate/Sulfite total	Not detected	5.0	mg/L	10/12/09	10/12/09	\$300WS-091012A-AY0480

Printed: 10/14/09 10:14:23 AM

Sample Analysis Report

Sample Name : 091002A 300/ sulfite CCB

Data File Name : i:\dionex\d1anions\data\091002a\091002a_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 13:35:53

System Operator : pd

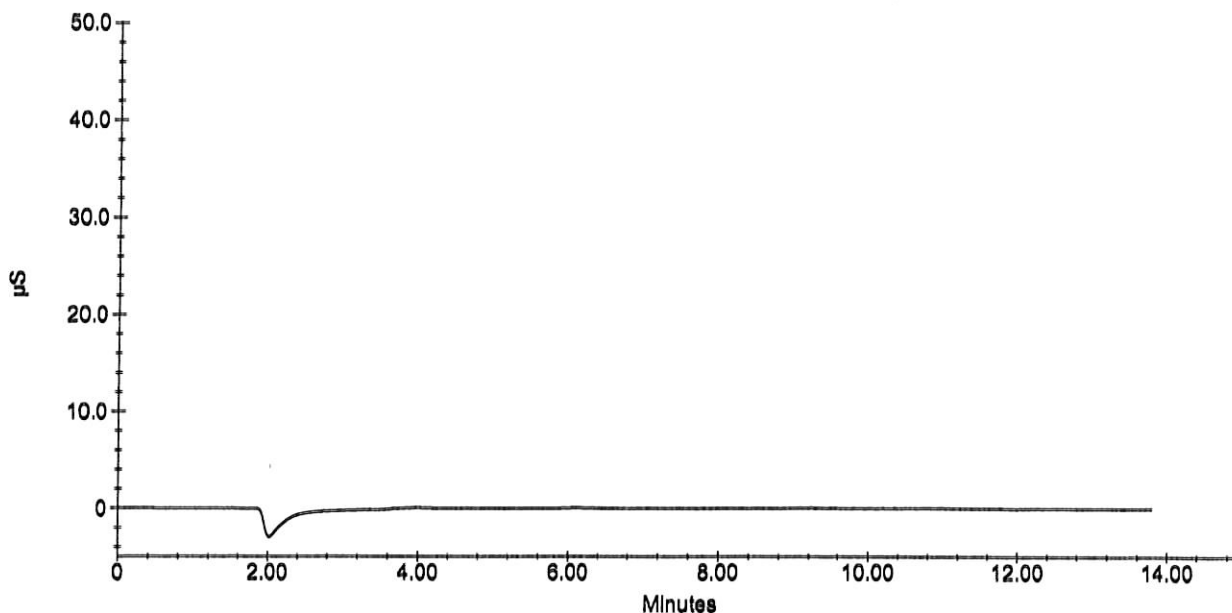
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091002A 300/ sulfite CCB



Sample Analysis Report

Sample Name : 091002A 300/ sulfite CCB

Data File Name : i:\dionex\d1anions\data\091002a\091002a_020.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/2/09 13:35:53

System Operator : pd

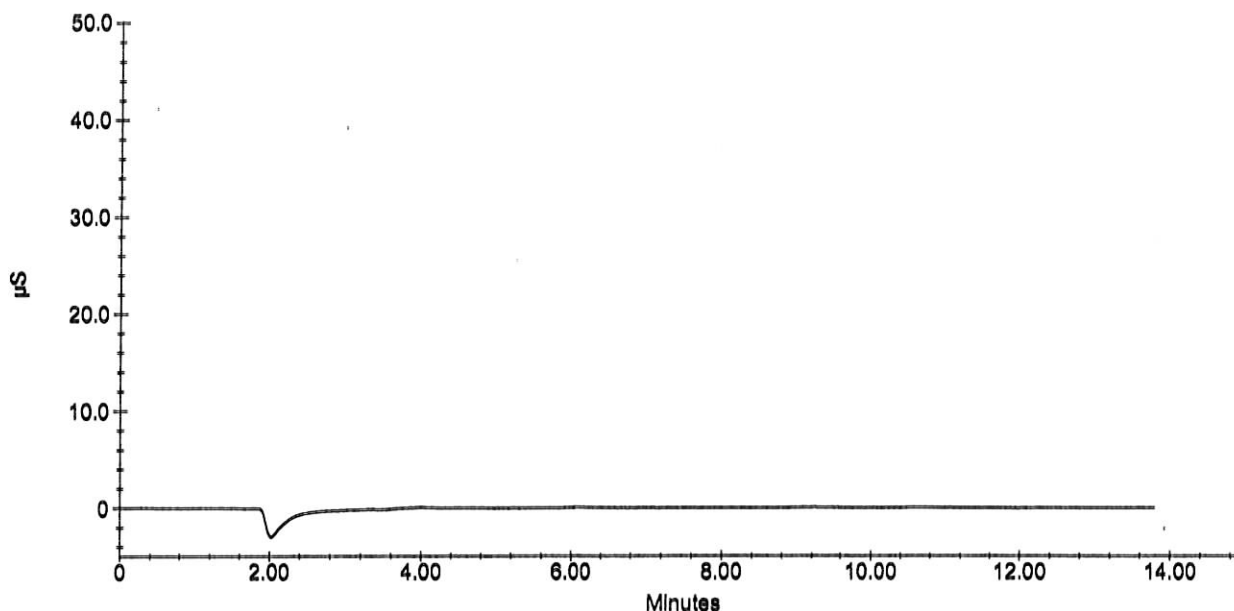
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091002A 300/ sulfite CCB



Sample Analysis Report

Sample Name : 091005A 300 /sulfite CCB

Data File Name : i:\dionex\d1anions\data\091005a\091005a_018.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/5/09 13:34:18

System Operator : pd

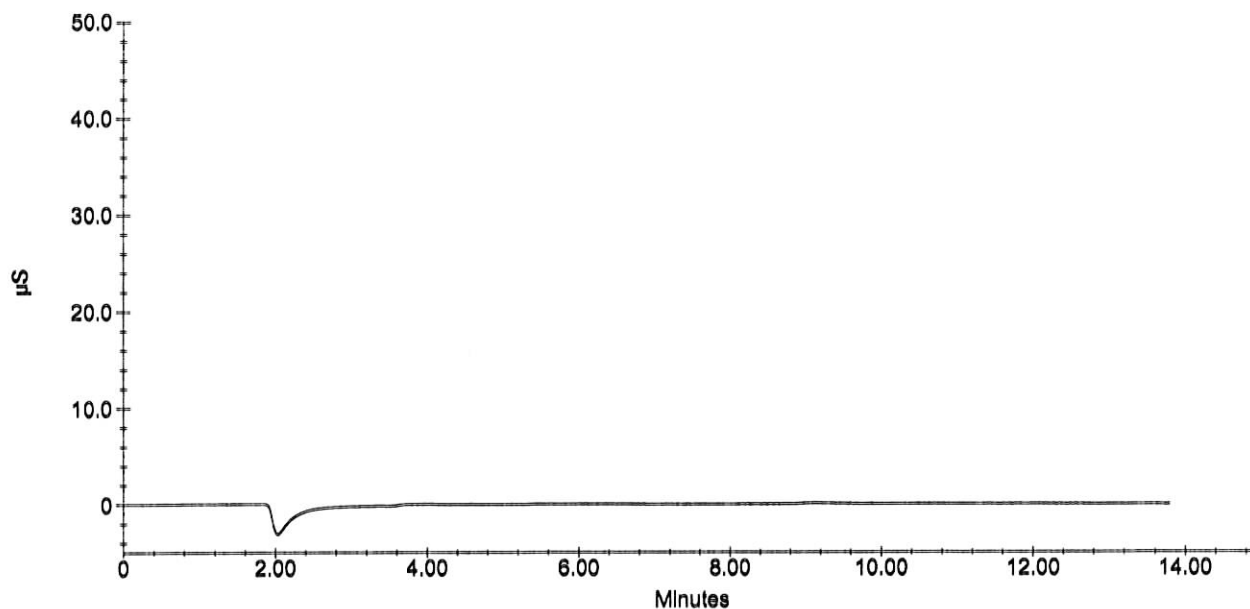
Injection Number : 18

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091005A 300 /sulfite CCB



Sample Analysis Report

Sample Name : 091005A 300 /sulfite CCB

Data File Name : i:\dionex\d1anions\data\091005a\091005a_018.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 13:34:18

System Operator : pd

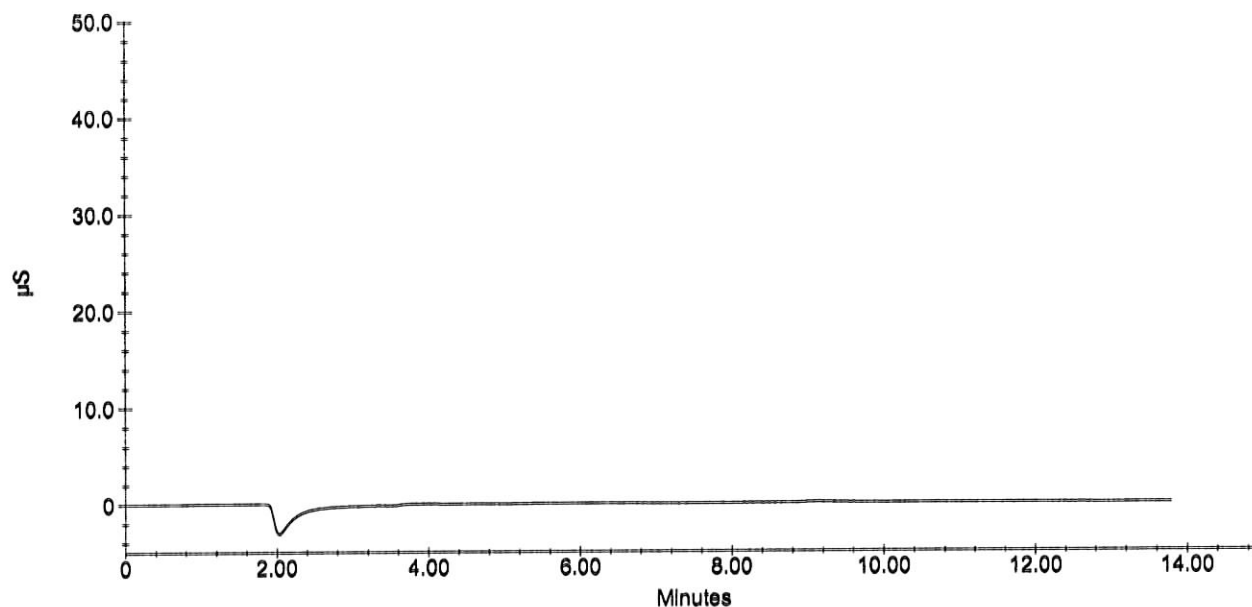
Injection Number : 18

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091005A 300 /sulfite CCB



Sample Analysis Report

Sample Name : 091006A SULFITE /300 CCB

Data File Name : i:\dionex\dlanions\data\091006a\091006a_006.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\sufite 08-25-09Low.met

Date Time Collected : 10/6/09 10:22:10

System Operator : pd

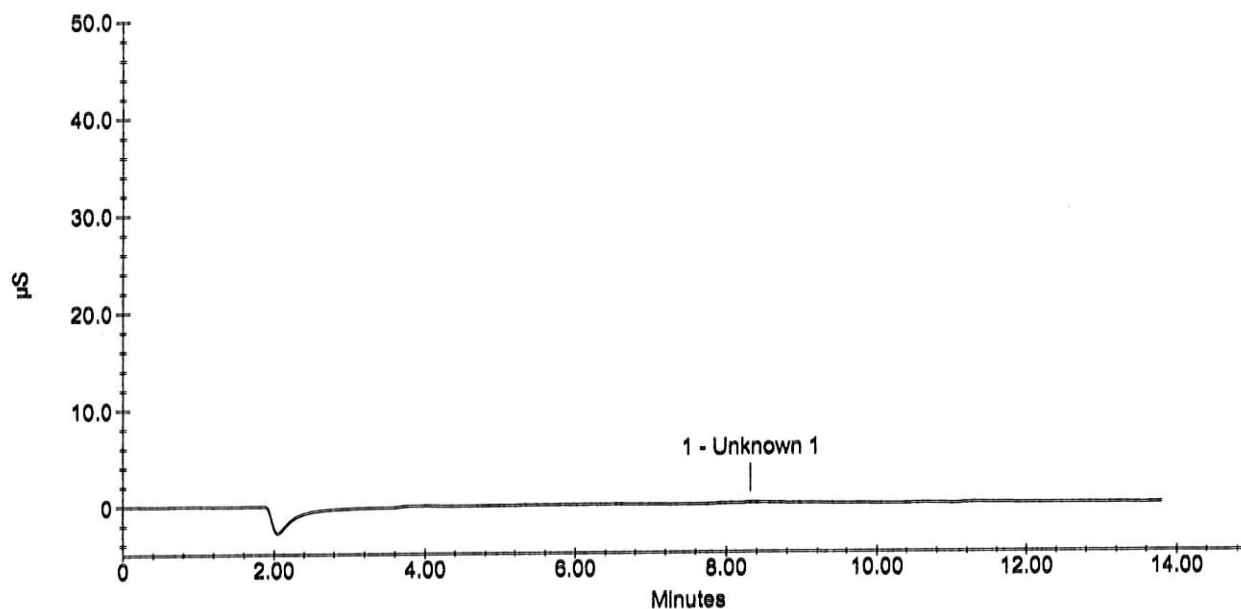
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	8.32	Unknown 1	0.0000	16131	842	

091006A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091006A SULFITE /300 CCB

Data File Name : i:\dionex\dlanions\data\091006a\091006a_006.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 10:22:10

System Operator : pd

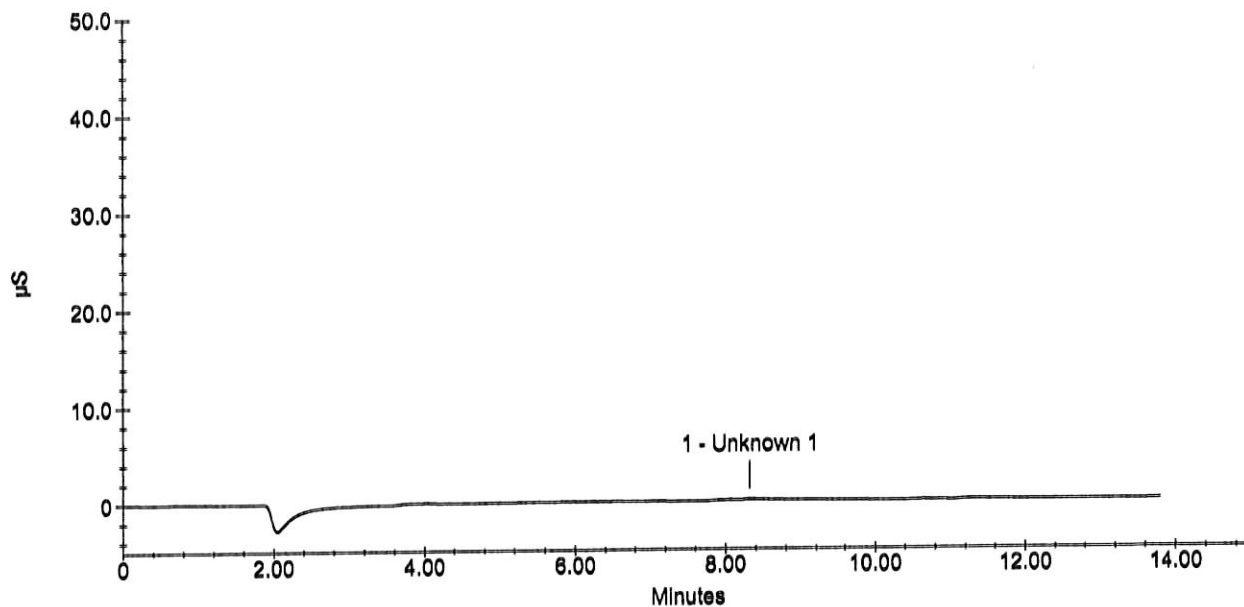
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	8.32	Unknown 1	0.0000	16131	842	

091006A SULFITE /300 CCB



Sample Analysis Report

Sample Name : 091007A SULFITE/ 300 CCB

Data File Name : i:\dionex\dlanions\data\090903a\091007A_006.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/7/09 10:06:50

System Operator : PD

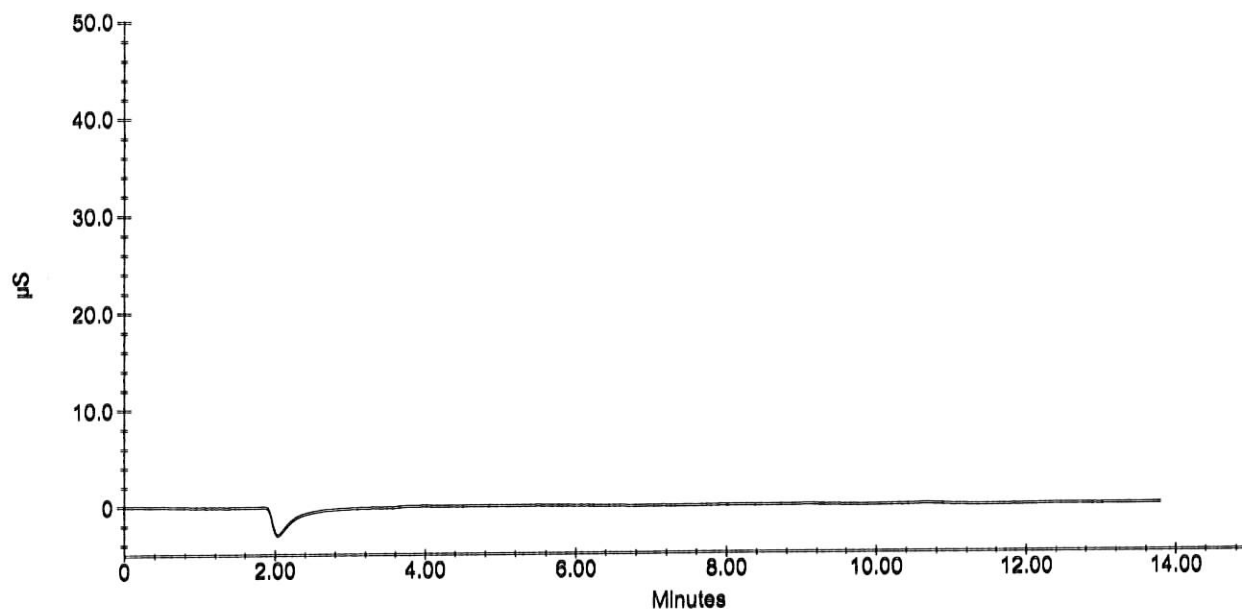
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091007A SULFITE/ 300 CCB



Sample Analysis Report

Sample Name : 091007A SULFITE/ 300 CCB

Data File Name : i:\dionex\dlanions\data\090903a\091007A_006.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 10:06:50

System Operator : PD

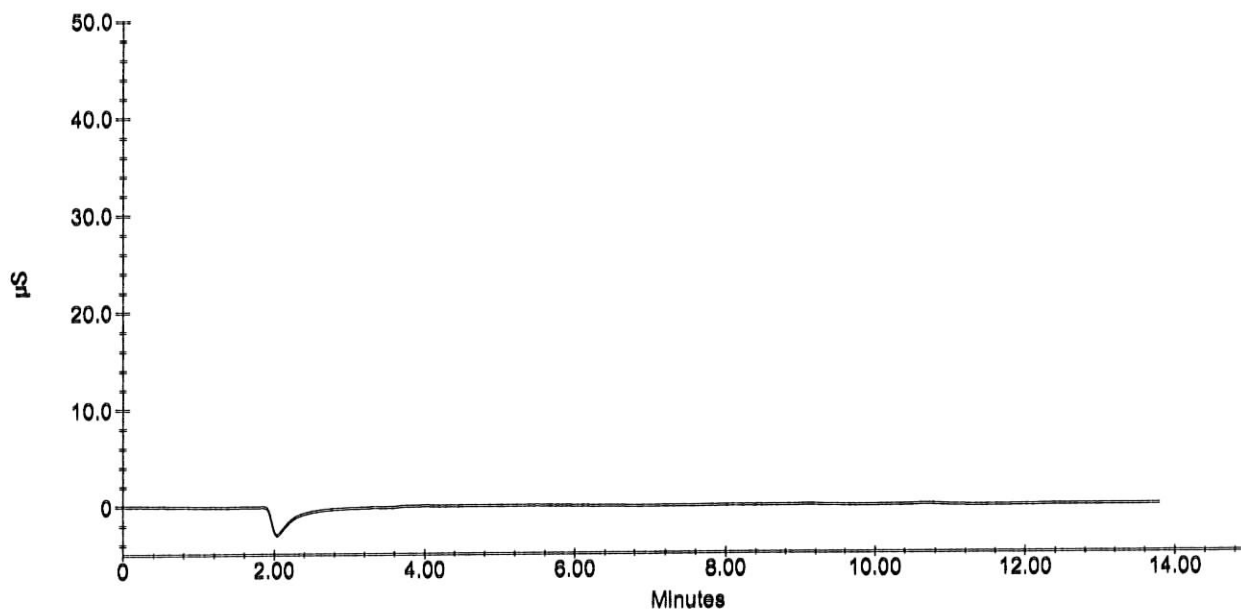
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091007A SULFITE/ 300 CCB



Sample Analysis Report

Sample Name : 091008A 300/ SULFITE CCB

Data File Name : i:\dionex\dlanions\data\091007a\091008A_188.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 12:49:46

System Operator : PD

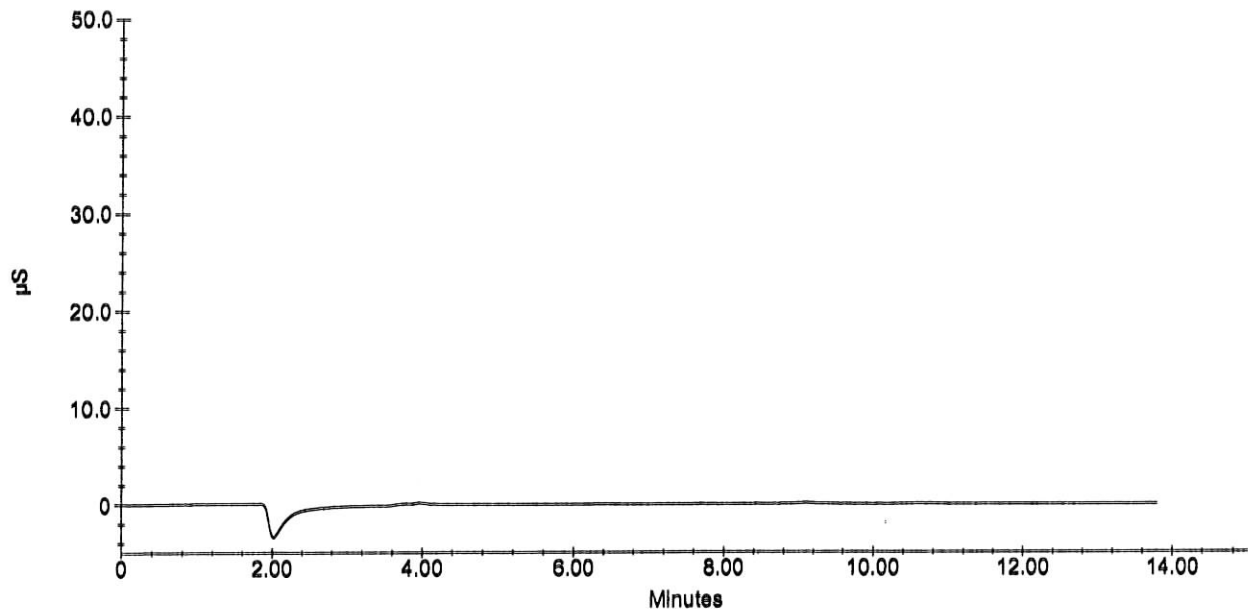
Injection Number : 188

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/ SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_188.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 12:49:46

System Operator : PD

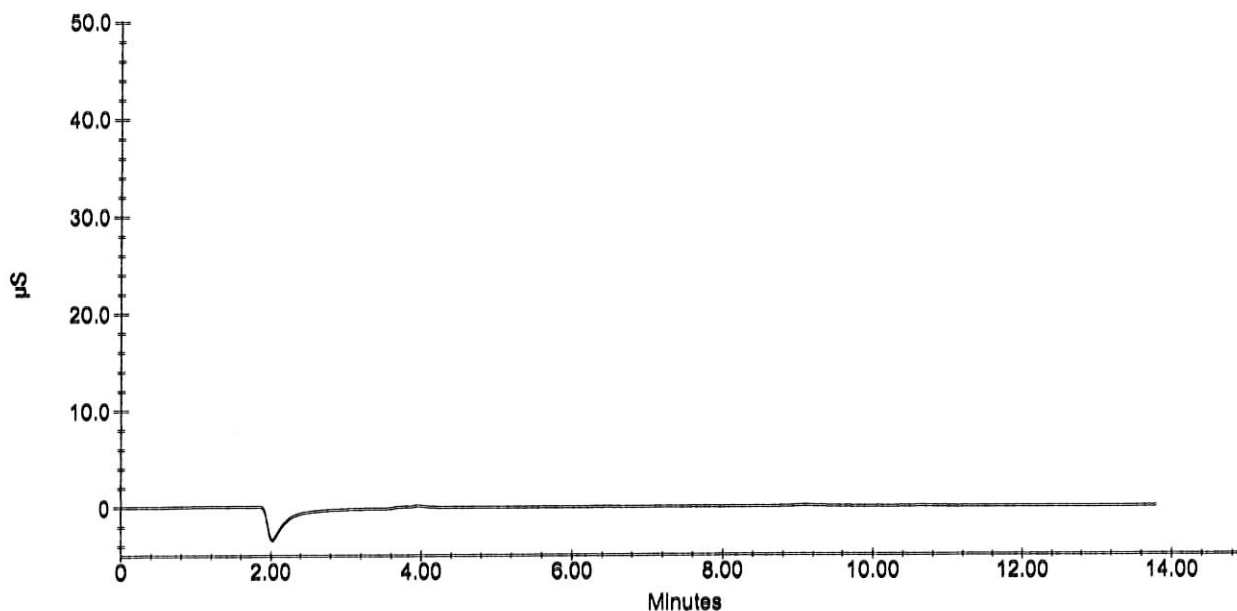
Injection Number : 188

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/ SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_104.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/8/09 13:36:04

System Operator : PD

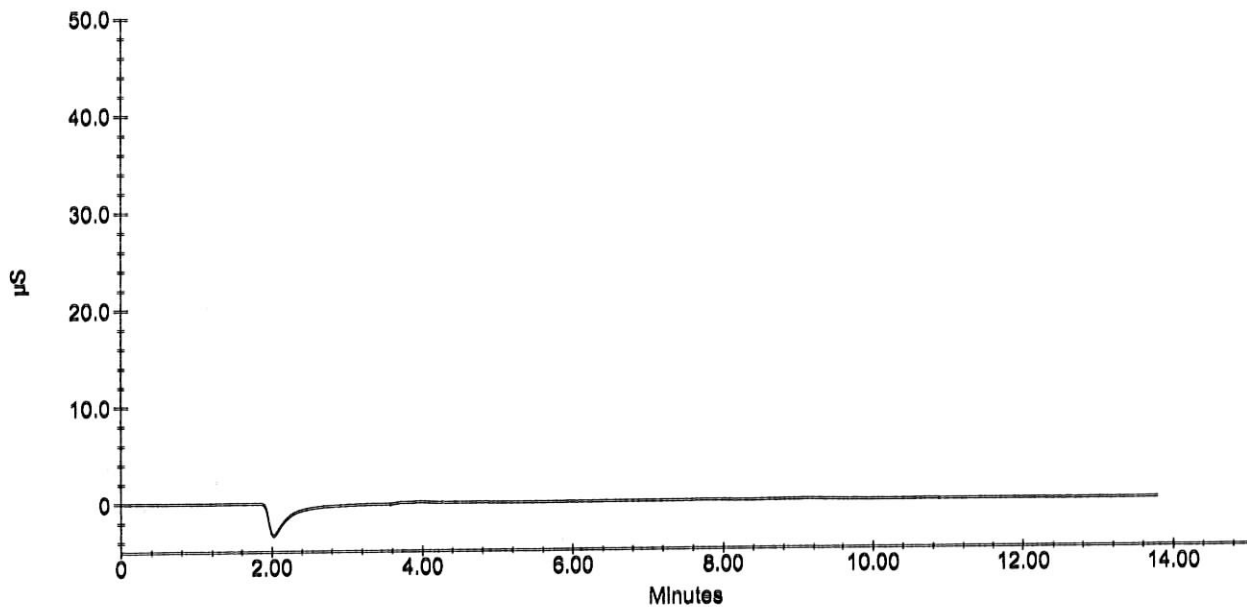
Injection Number : 104

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091008A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091007a\091008A_104.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 13:36:04

System Operator : PD

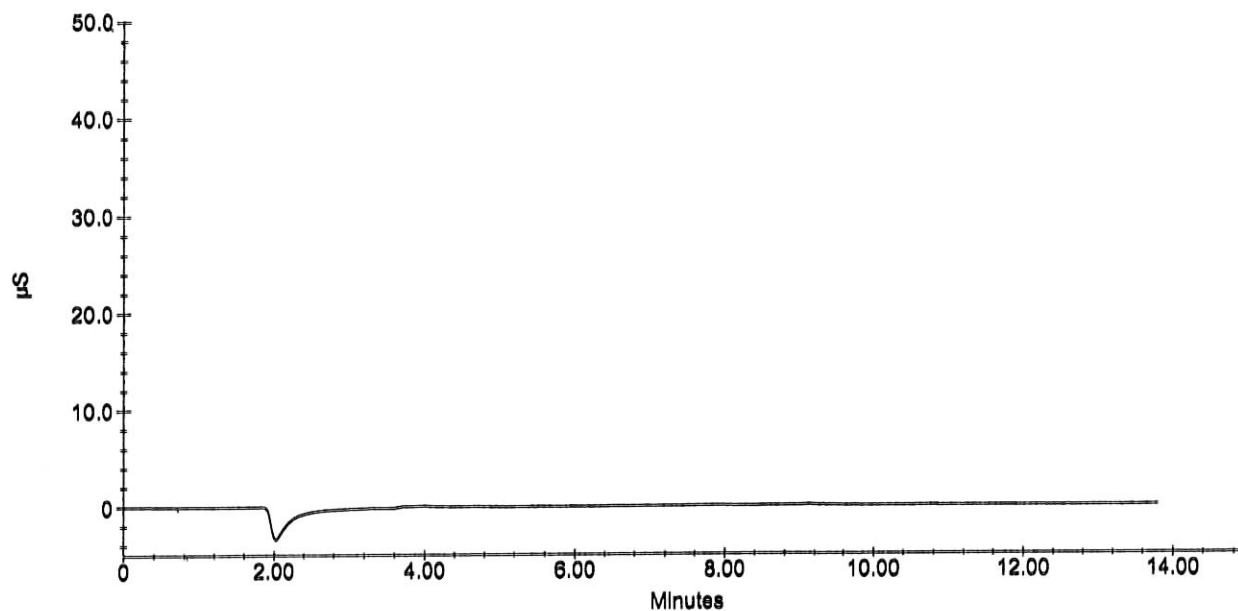
Injection Number : 104

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091008A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091012A 300/SULFITE CCB

Data File Name : i:\dionex\dlanions\data\091012a\091012A_006.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/12/09 09:36:17

System Operator : PD

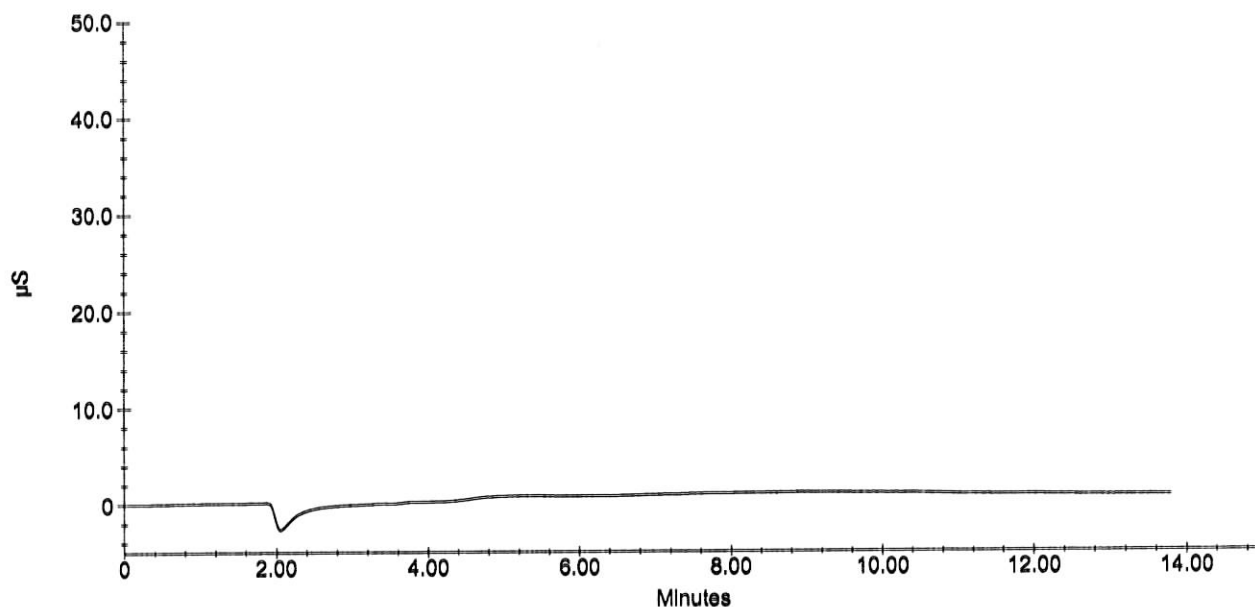
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091012A 300/SULFITE CCB



Sample Analysis Report

Sample Name : 091012A 300/SULFITE CCB

Data File Name : i:\dionex\d1anions\data\091012a\091012A_006.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 09:36:17

System Operator : PD

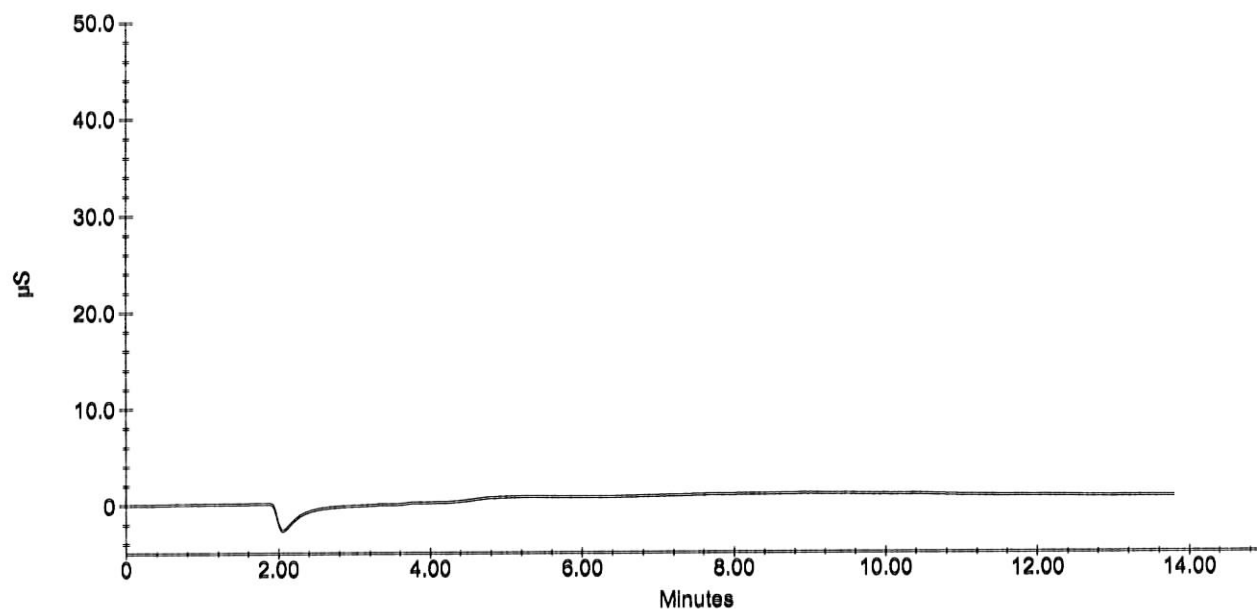
Injection Number : 6

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
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091012A 300/SULFITE CCB



Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.91	98.2	90-110	10/02/09	10/02/09	\$300WS-091002A-AY04746
EPA 300.0	Sulfate/Sulfite total	50.0	47.2	94.4	90-110	10/02/09	10/02/09	\$300WS-091002A-AY04746

Comments:

Sample Analysis Report

Sample Name : 091002A LCS

Data File Name : i:\dionex\dlanions\data\091002a\091002a_004.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/2/09 09:11:20

System Operator : pd

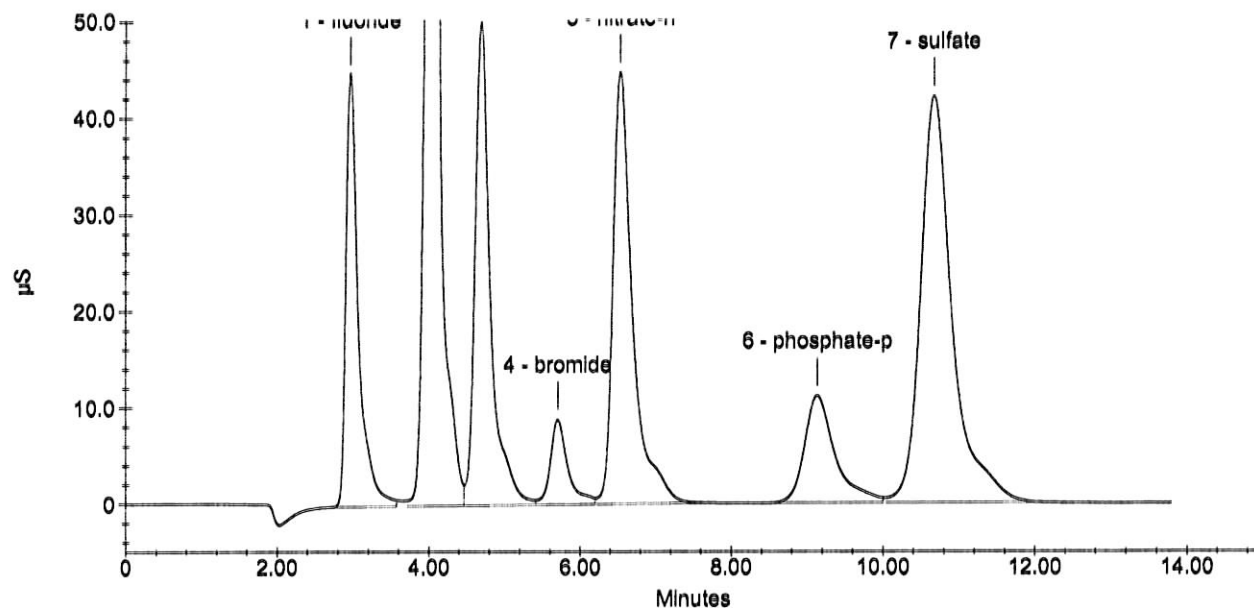
Injection Number : 4

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	4.9125	5108380	446918	
2	4.03	chloride	23.5635	18219681	1666023	
3	4.69	nitrite-n	4.9885	7071004	499199	
4	5.71	bromide	5.1977	1426906	87940	
5	6.53	nitrate-n	4.8509	8045197	446432	
6	9.13	phosphate-p	5.0017	3108128	110975	
7	10.67	sulfate	24.0683	12166299	420768	

091002A LCS



Sample Analysis Report

Sample Name : 091002A sulfite lcs

Data File Name : i:\dionex\d1anions\data\091002a\091002a_018.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA\sulfite 08-25-09Low.met

Date Time Collected : 10/2/09 13:03:50

System Operator : pd

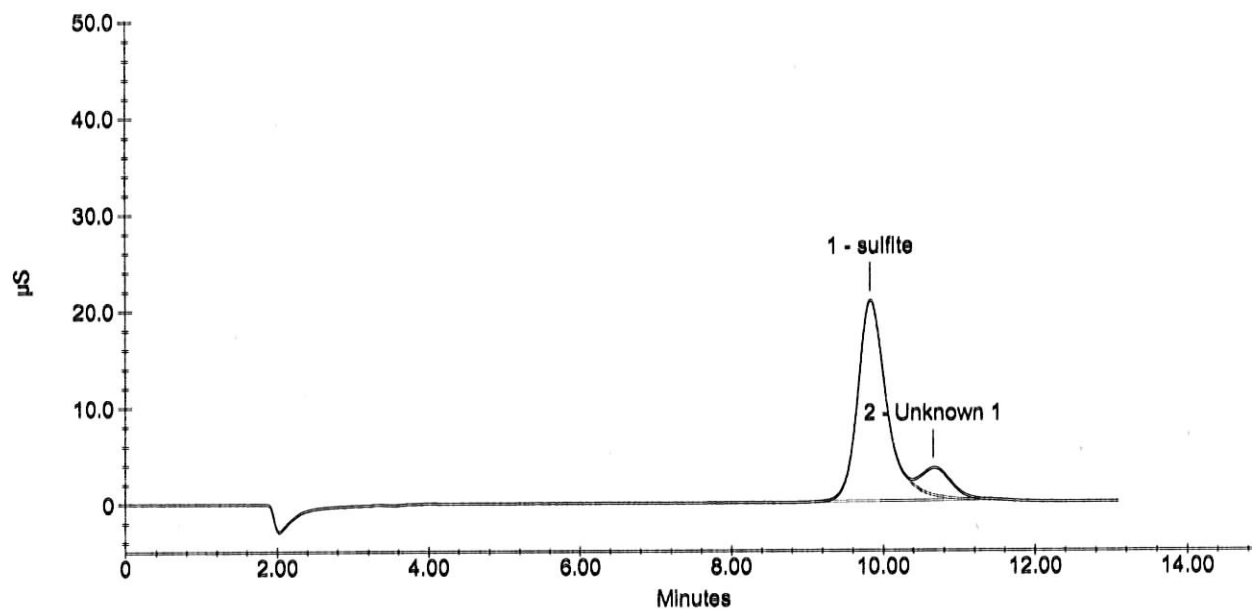
Injection Number : 18

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.83	sulfite	23.1215	5625476	206701	
2	10.65	Unknown 1	0.0000	763520	28061	

091002A sulfite lcs



Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.79	95.8	90-110	10/05/09	10/05/09	\$300WS-091005A-AY04748
EPA 300.0	Sulfate/Sulfite total	50.0	46.8	93.6	90-110	10/05/09	10/05/09	\$300WS-091005A-AY04748

Comments:

Sample Analysis Report

Sample Name : 091005A SULFITE LCS

Data File Name : i:\dionex\dlanions\data\091005a\091005a_020.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\sulfite 08-25-09Low.met

Date Time Collected : 10/5/09 14:06:23

System Operator : pd

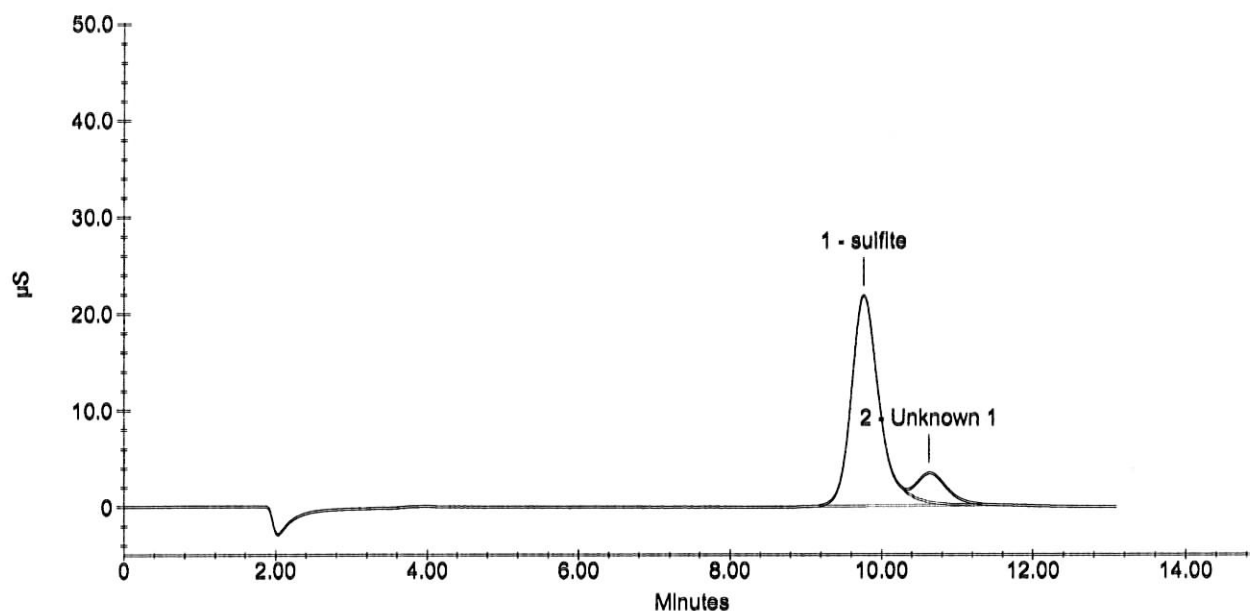
Injection Number : 20

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.76	sulfite	23.2428	5654896	216869	
2	10.63	Unknown 1	0.0000	825987	30225	

091005A SULFITE LCS



Sample Analysis Report

Sample Name : 091005A 300 LCS

Data File Name : i:\dionex\d1anions\data\091005a\091005a_004.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/5/09 09:42:36

System Operator : pd

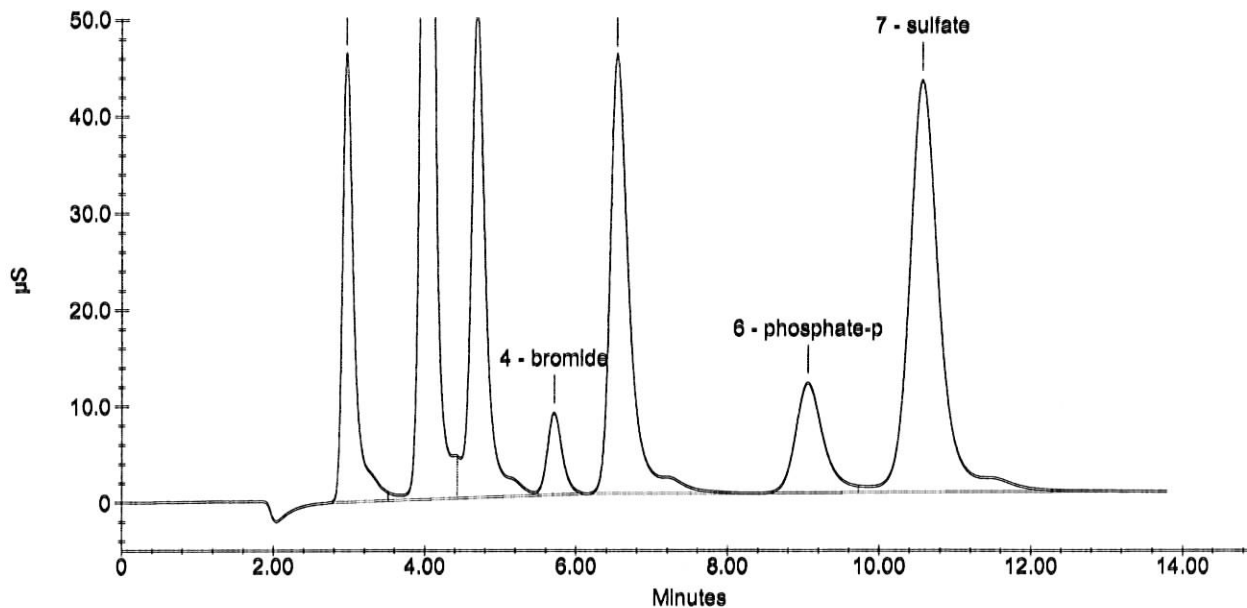
Injection Number : 4

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	4.7944	4983776	461858	
2	4.03	chloride	22.7446	17558880	1705281	
3	4.69	nitrite-n	4.9196	6972146	503895	
4	5.71	bromide	4.2766	1160730	84467	
5	6.53	nitrate-n	4.8485	8041129	452082	
6	9.05	phosphate-p	4.6721	2906698	113245	
7	10.56	sulfate	23.5334	11889795	424875	

091005A 300 LCS



Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	5.02	100	90-110	10/06/09	10/06/09	\$300WS-091006A-AY04754
EPA 300.0	Sulfate/Sulfite total	50.0	51.8	104	90-110	10/06/09	10/06/09	\$300WS-091006A-AY04754

Comments:

Sample Analysis Report

Sample Name : 091006A 300 LCS/CCV2

Data File Name : i:\dionex\dlanions\data\091006a\091006a_003.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/6/09 09:23:38

System Operator : pd

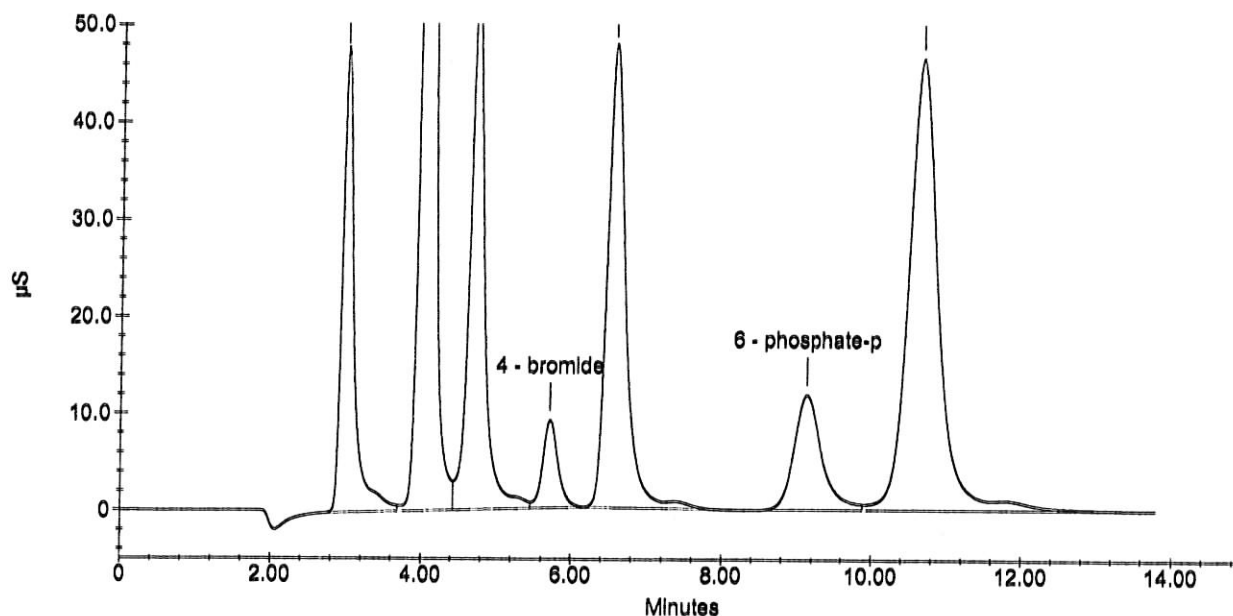
Injection Number : 3

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	5.0175	5219232	472252	+
2	4.04	chloride	23.8026	18412685	1788872	
3	4.71	nitrite-n	5.2784	7486605	541590	+
4	5.71	bromide	4.6862	1279089	89976	
5	6.53	nitrate-n	4.8623	8064667	473809	
6	9.12	phosphate-p	4.9838	3097242	118469	
7	10.64	sulfate	25.6935	13006287	464461	

091006A 300 LCS/CCV2



Sample Analysis Report

Sample Name : 091006A SULFITE LCS

Data File Name : i:\dionex\dlanions\data\090903a\091006a_005.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPAsufite 08-25-09Low.met

Date Time Collected : 10/6/09 10:05:42

System Operator : pd

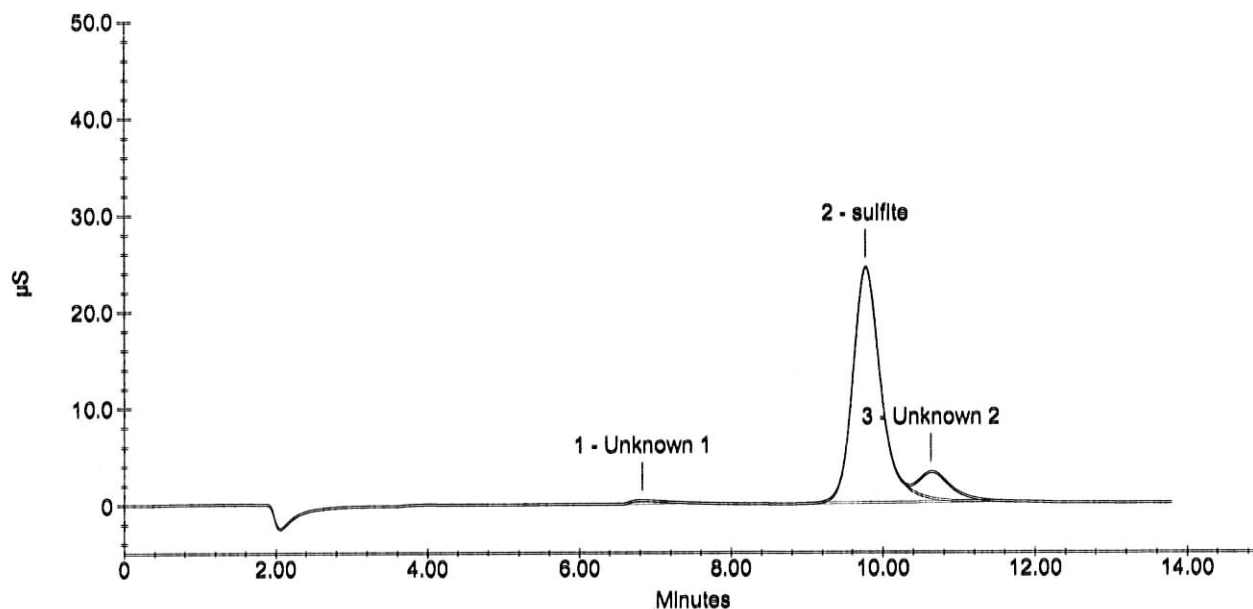
Injection Number : 5

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	6.83	Unknown 1	0.0000	76815	3071	
2	9.76	sulfite	26.0751	6341839	242529	
3	10.63	Unknown 2	0.0000	785168	26993	

091006A SULFITE LCS



Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.98	99.6	90-110	10/07/09	10/07/09	\$300WS-091007A-AY04764
EPA 300.0	Sulfate/Sulfite total	50.0	49.9	99.8	90-110	10/07/09	10/07/09	\$300WS-091007A-AY04764

Comments:

Sample Analysis Report

Sample Name : 091007A 300 LCS

Data File Name : i:\dionex\d1anions\data\091007a\091007A_003.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/7/09 09:18:54

System Operator : PD

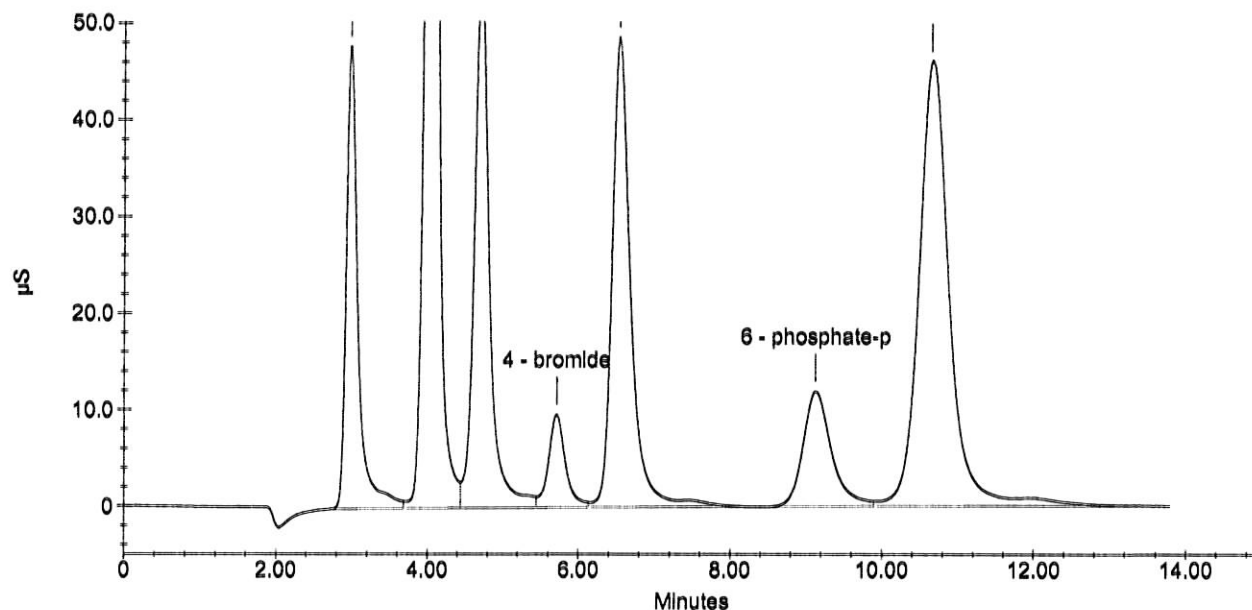
Injection Number : 3

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.97	fluoride	4.9768	5176277	477570	
2	4.03	chloride	23.8699	18466954	1761074	
3	4.69	nitrite-n	5.3624	7607062	547909	
4	5.71	bromide	5.4042	1486558	95893	
5	6.53	nitrate-n	5.0033	8305092	485487	
6	9.12	phosphate-p	4.9816	3095856	118687	
7	10.64	sulfate	25.5398	12926817	459032	

091007A 300 LCS



Sample Analysis Report

Sample Name : 091007A SULFITE LCS

Data File Name : i:\dionex\dlanions\data\090903a\091007A_005.DXD

Method File Name : i:\dionex\dlanions\methods\epasufite 08-25-09low.met

Date Time Collected : 10/7/09 09:51:07

System Operator : PD

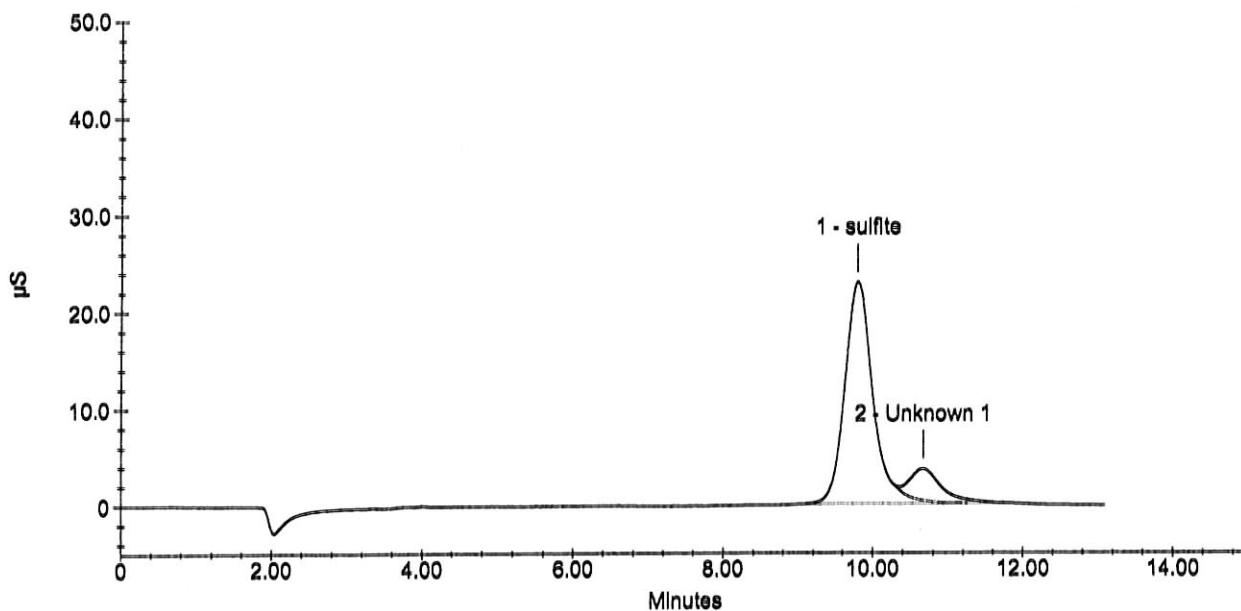
Injection Number : 5

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.79	sulfite	24.3937	5934017	228110	
2	10.67	Unknown 1	0.0000	966455	32920	

091007A SULFITE LCS



Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.75	95.0	90-110	10/08/09	10/08/09	\$300WS-091008A-AY04774
EPA 300.0	Sulfate/Sulfite total	50.0	46.2	92.4	90-110	10/08/09	10/08/09	\$300WS-091008A-AY04774

Comments:

Sample Analysis Report

Sample Name : 091008A 300 LCS

Data File Name : i:\dionex\d1anions\data\091007a\091008A_100.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/8/09 12:20:09

System Operator : PD

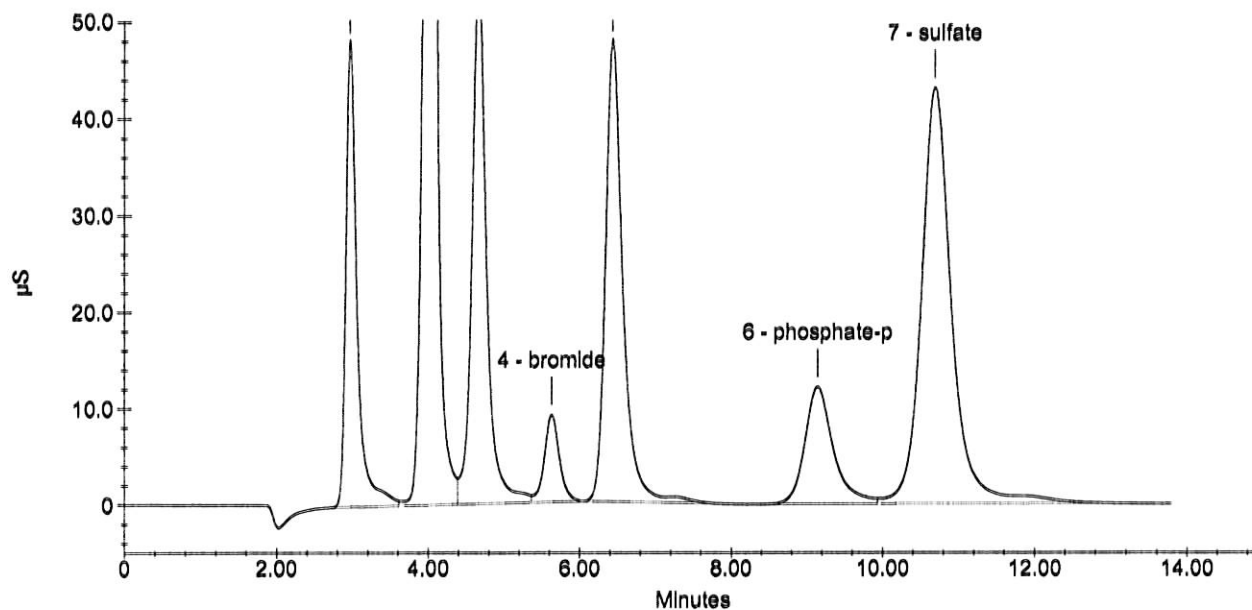
Injection Number : 100

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	4.7457	4932398	479071	
2	4.01	chloride	22.7124	17532946	1749795	
3	4.65	nitrite-n	5.0606	7174343	539278	
4	5.63	bromide	4.5408	1237066	90057	
5	6.43	nitrate-n	4.6357	7678322	475504	
6	9.13	phosphate-p	5.1145	3177126	121036	
7	10.68	sulfate	23.5776	11912666	429332	+

091008A 300 LCS



Sample Analysis Report

Sample Name : 091008A SULFITE LCS

Data File Name : i:\dionex\dlanions\data\091007a\091008A_103.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA\sulfite 08-25-09Low.met

Date Time Collected : 10/8/09 13:20:24

System Operator : PD

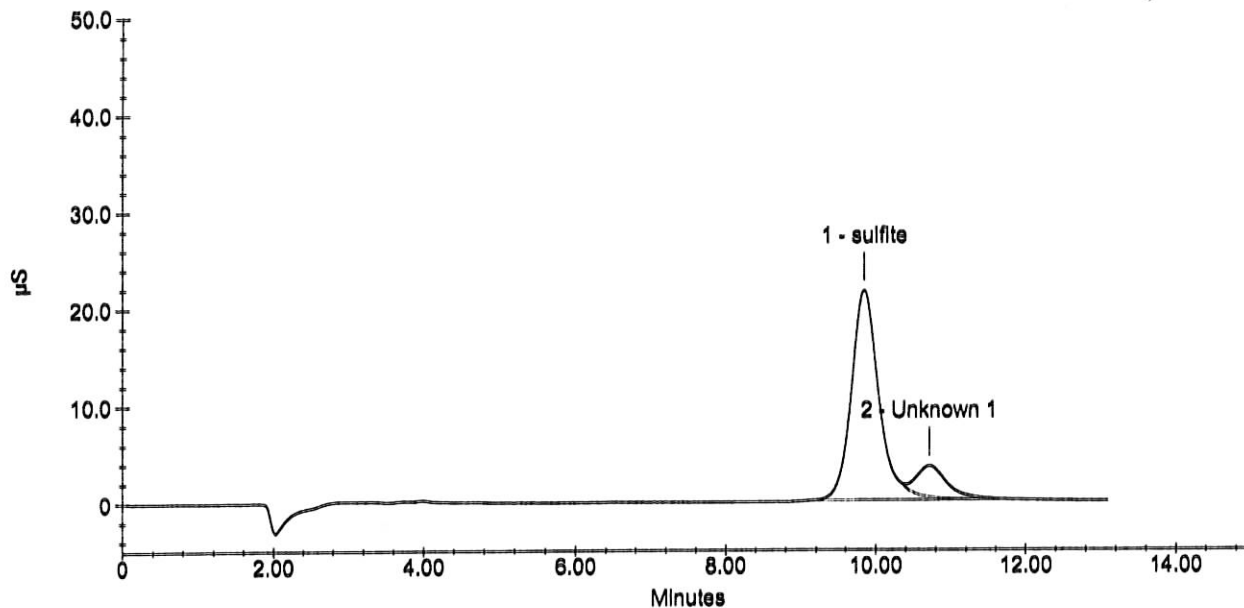
Injection Number : 103

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.84	sulfite	22.6211	5504089	214628	
2	10.71	Unknown 1	0.0000	900009	32297	

091008A SULFITE LCS



Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.70	94.0	90-110	10/09/09	10/09/09	\$300WS-091008A1-AY04793
EPA 300.0	Sulfate/Sulfite total	50.0	46.0	92.0	90-110	10/09/09	10/09/09	\$300WS-091008A1-AY04793

Comments:

Sample Analysis Report

Sample Name : 091008A 300 LCS

Data File Name : i:\dionex\dlanions\data\091007a\091008A_189.DXD

Method File Name : I:\DIONEX\DLANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/9/09 13:12:20

System Operator : PD

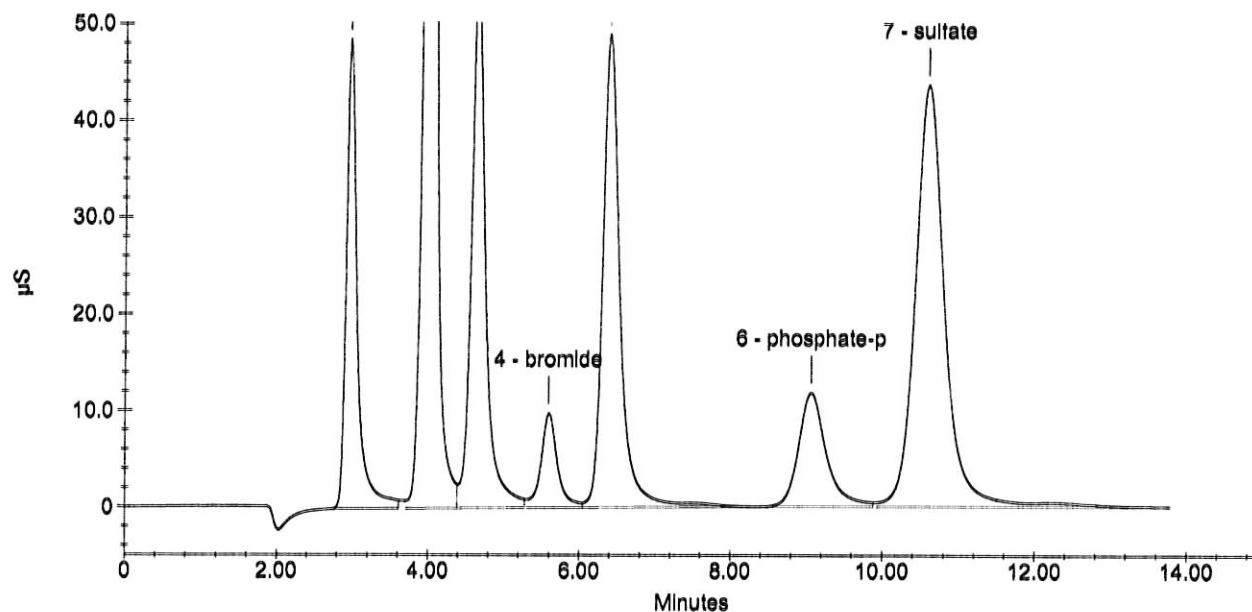
Injection Number : 189

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	4.6970	4881005	484629	
2	4.00	chloride	22.7676	17577465	1787942	
3	4.64	nitrite-n	5.0693	7186831	553437	+
4	5.59	bromide	5.3330	1465981	97086	
5	6.39	nitrate-n	4.7636	7896369	488506	
6	9.05	phosphate-p	4.8374	3007691	117617	
7	10.59	sulfate	23.2576	11747265	435418	

091008A 300 LCS



Sample Analysis Report

Sample Name : 091009A SULFITE LCS

Data File Name : i:\dionex\dlanions\data\091007a\091009A_193.DXD

Method File Name : i:\dionex\dlanions\methods\epasufite 08-25-09low.met

Date Time Collected : 10/9/09 14:30:03

System Operator : PD

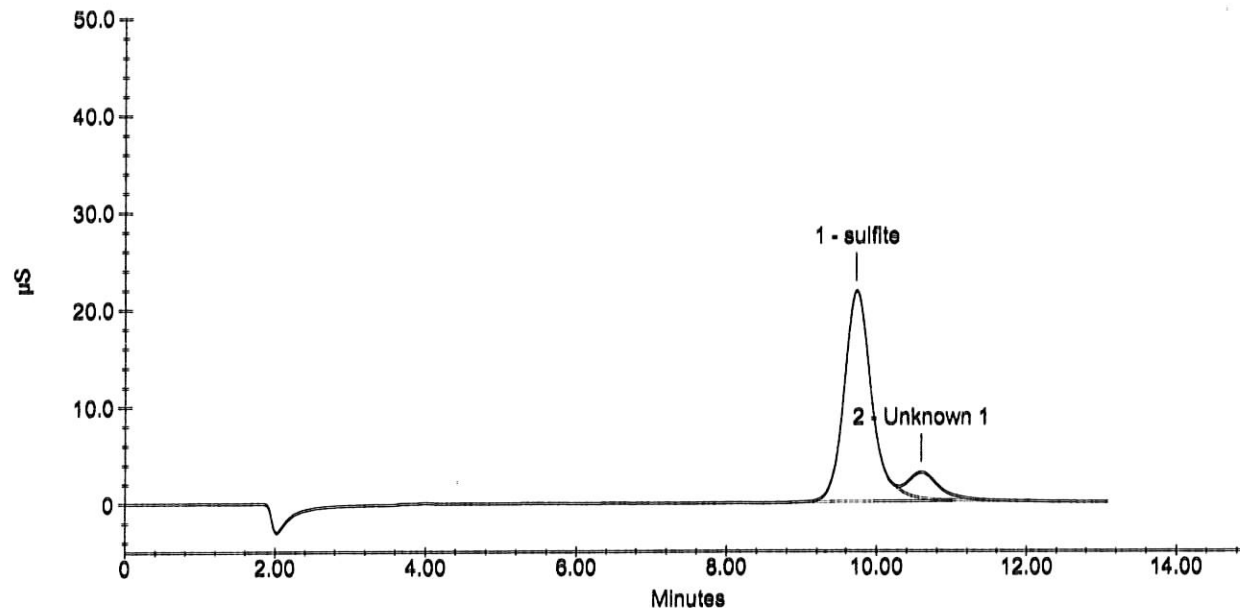
Injection Number : 193

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.72	sulfite	22.7893	5544886	215843	
2	10.59	Unknown 1	0.0000	745061	26477	

091009A SULFITE LCS



Laboratory Control Spike Recovery

WETLAB

APPL Inc.
908 North Temperance Avenue
Clovis, CA 93611

Method	Compound Name	Spike Level mg/L	SPK Result mg/L	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 300.0	Fluoride	5.00	4.84	96.8	90-110	10/12/09	10/12/09	\$300WS-091012A-AY04807
EPA 300.0	Sulfate/Sulfite total	50.0	49.1	98.2	90-110	10/12/09	10/12/09	\$300WS-091012A-AY04807

Comments:

Sample Analysis Report

Sample Name : 091012A 300 LCS

Data File Name : i:\dionex\d1anions\data\091012a\091012A_003.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA300 09-28-09Low.met

Date Time Collected : 10/12/09 08:47:14

System Operator : PD

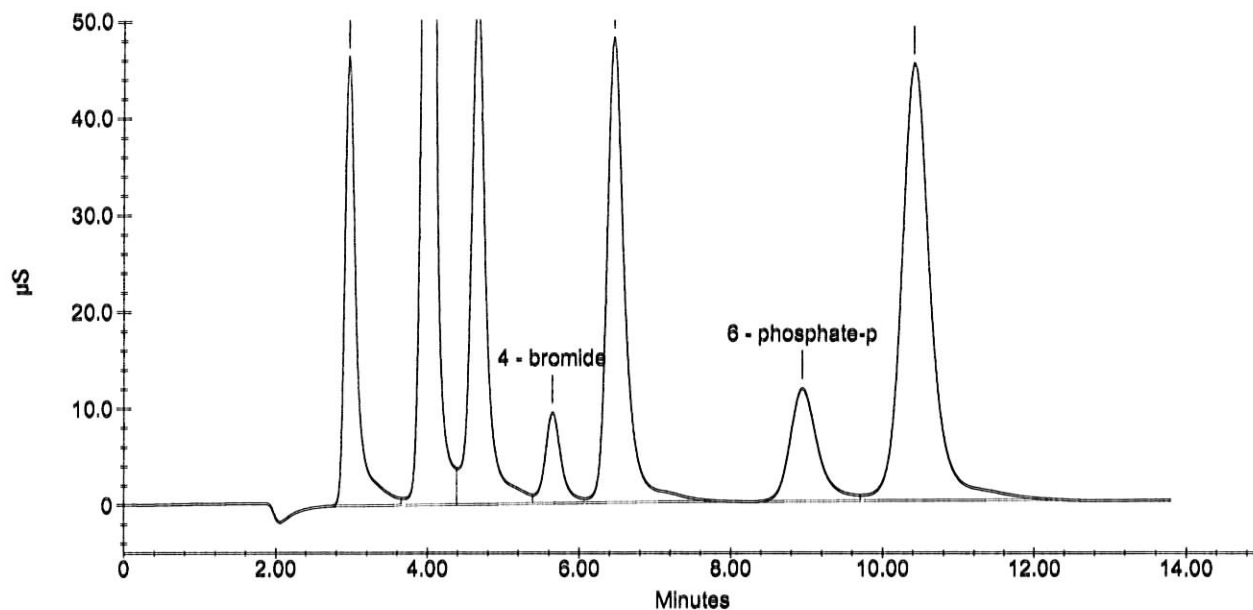
Injection Number : 3

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	2.96	fluoride	4.8366	5028325	462759	
2	4.00	chloride	23.0225	17783179	1755612	
3	4.65	nitrite-n	5.1567	7312168	532520	
4	5.64	bromide	5.0461	1383097	93271	
5	6.45	nitrate-n	4.8159	7985572	479686	
6	8.93	phosphate-p	4.7746	2969350	116405	
7	10.40	sulfate	23.9657	12113226	450682	

091012A 300 LCS



Sample Analysis Report

Sample Name : 091012A SULFITE LCS

Data File Name : I:\Dionex\D1Anions\data\091012A\091012A_005.DXD

Method File Name : I:\DIONEX\D1ANIONS\METHODS\EPA sulfite 08-25-09Low.met

Date Time Collected : 10/12/09 09:20:36

System Operator : PD

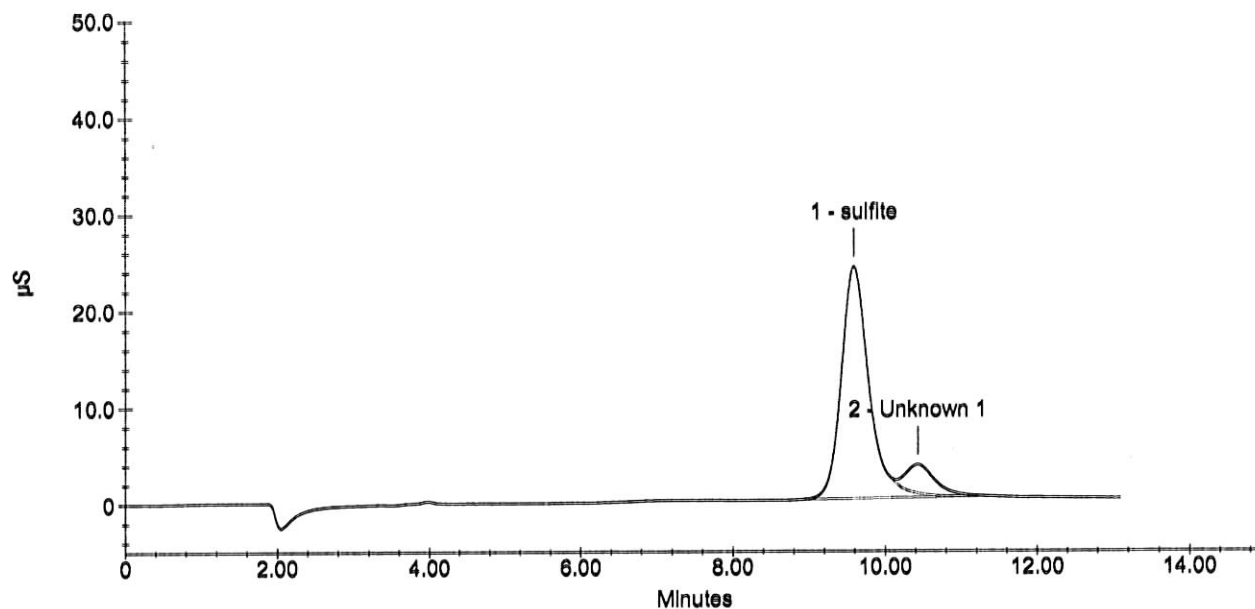
Injection Number : 5

Multiplier : 1.00

Peak Information : All Peaks

Peak Number	Peak Retention Time	Component Name	Component Amount (mg/L)	Peak Area	Peak Height	Limit Exceed
1	9.59	sulfite	25.0987	6105009	239369	
2	10.43	Unknown 1	0.0000	807929	29816	

091012A SULFITE LCS



DIONEX 300

Standard and Reagent Logbook

Date	Preparation	Exp. date	Tech
09/17/09	Prepared CCV LUS MS as in page # 44 and # 45 (06/16/09)	09/18/09	P.D
09/18/09			
09/21/09	Prepared CCV LUS as in page # 44 and # 45 (06/16/09)	09/19/09	P.D
09/21/09	Prepared CCV LUS MS as in page # 44 and # 45 (06/16/09)	09/22/09	P.D
09/22/09	Prepared CCV LUS MS as in page # 44 and # 45 (06/16/09)	09/23/09	P.D
09/23/09	Prepared CCV LUS MS as in page # 44 and # 45 (06/16/09)	09/24/09	P.D

Anions Spiking Solution A - 300.0			
The following solutions are combined in a 40ml VOA vial			
5ml	5000ppm	Cl-	O2SI 1015261-23942(EXP.09/05/10)
5ml	1000ppm	F-	Ultra Scientific K00090-24537 (EXP 02/28/13)
5ml	1000ppm	NO2-N	O2SI 1015271-23940(EXP.09/06/10)
5ml	1000ppm	Br	Ultra Scientific J00147-22148(EXP.03/31/11)
5ml	1000ppm	NO3-N	Ultra Scientific G00960-20932 (exp. 01/31/10)
5ml	5000ppm	SO4	Ultra Scientific J00570-22190(exp.11/30/10)

Anions Spiking Solution B - 300.0		
	1000ppm	PO4
		Ultra Scientific H00720-21409 (exp 10-30-10)

Laboratory Control Spike and Matrix Spike	
In to 25ml volumetric flask add 750 ul Anions spiking solution A + 383 ul Anions Spiking Solution B and bring to volume with DI H2O (For LCS/LCSD) or Sample (for MS/MSD)	

LCS/MS Spike Concentrations (ppm)	
F-	5 PPM
NO2-N	5 PPM
NO3-N	5 PPM
Br	5 PPM
PO4-P	5 PPM
Cl-	25 PPM
SO4	25 PPM

DIONEX 300

Standard and Reagent Logbook

Date: 09/24/09 Preparation: P.D. Exp. date: Tech:

Anions -300.0

Working Standards

Autocal 7

1mL	5000ppm	Cl-	O2SI	1015261-23942	EXP(09-05-10)
0.5mL	1000ppm	F-	O2SI	062002-01-01	EXP(09/01/10)
0.5mL	1000ppm	NO2-N	O2SI	1015271-23940	EXP(09/06/10)
2.5mL	1000ppm	Br-	Ultra Scientific	J00147-22148	EXP(03/31/11)
1mL	1000ppm	NO3-N	Ultra Scientific	G00960-20932	Exp.(01/31/10)
3.06mL	1000ppm	PO4	O2SI	1015272-23941	EXP(09/06/10)
1ml	5000ppm	SO4-2	Ultra Scientific	J00570-22190	EXP(11/30/10)

Into 100 mL DI water

=> 5 ppm F-, NO2-N, 10 ppm NO3-N, PO4-P, 25 ppm Br-, 50ppm Cl-, SO4-2

Autocal 6

50mL Autocal 7 brought up to 100 mL DI water
=> 2.5 ppm F-, NO2-N, 5 ppm NO3-N, PO4-P, 12.5 ppm Br-, 25 ppm Cl-, SO4-2

Autocal 5

20mL Autocal 6 brought up to 50 mL DI water
=> 1 ppm F-, NO2-N, 2 ppm NO3-N, PO4-P, 5 ppm Br-, 10ppm Cl-, SO4-2

Autocal 4

25mL Autocal 5 brought up to 50 mL DI water
=> 0.5 ppm F-, NO2-N, 1 ppm NO3-N, PO4-P, 2.5 ppm Br-, 5ppm Cl-, SO4-2

Autocal 3

25mL Autocal 4 brought up to 50 mL DI water
=> 0.25ppm F-, NO2-N, 0.5 ppm NO3-N, PO4-P, 1.25ppm Br-, 2.5ppm Cl-, SO4-2

Autocal 2

10.0mL Autocal 3 brought up to 25mL DI water
=> 0.1ppm F-, NO2-N, 0.2 ppm NO3-N, PO4-P, 0.5ppm Br-, 1.0ppm Cl-, SO4-2

Autocal 1

12.5mL Autocal 2 brought up to 25mL DI water
=> 0.05ppm F-, NO2-N, 0.1 ppm NO3-N, PO4-P, 0.25ppm Br-, 0.5ppm Cl-, SO4-2

ICV

0.50mL	1000ppm	Cl-	CPI081059-23009	(EXP04/08/10)
0.25mL	1000ppm	F-	CPI 08F160-23007	EXP(04/08/10)
0.25mL	1000ppm	NO2-N	CPI 08I180-23010	EXP (04/08/10)
0.50mL	1000ppm	Br- ICV	CPI 08I292-23006	EXP(04/08/10)
0.25ml	1000ppm	NO3-N	CPI 08C160-23008	EXP (04/08/10)
0.25mL	1000ppm	PO4-P	CPI 08A156-22539	EXP(11/30/10)
0.50mL	1000ppm	SO4-2	CPI 081062-23005	EXP(04/08/10)

brought up to 100mL DI water

=> 2.5 ppm F-, NO2-N, NO3-N, PO4-P, Br-, 5ppm Cl-, SO4-2

DIONEX 300

Standard and Reagent Log Book

Date	Preparation	Exp date	Tech
09/24/09	prepared CCV. L ₁₈ , MS as in page #50 and #51	09/25/09	P.D
09/25/09	Prepared CCV. L ₁₈ MS as in page #50 and #51	09/26/09	P.D
09/28/09	Prepared Working STD. CCV. L ₁₈ 2 W MS as in page #50 and #51	09/29/09	P.D
09/29/09	prepared CCV. L ₁₈ , MS as in page #50 and #51	09/30/09	P.D
09/30/09	prepared CCV. L ₁₈ MS as in page #50 and #51	10/01/09	P.D
10/01/09	prepared CCV. L ₁₈ , MS as in page #50 and #51	10/02/09	P.D.
10/02/09	prepared CCV. L ₁₈ , MS as in page #50 and #51	10/03/09	P.D
10/05/09	prepared CCV L ₁₈ MS as in page #50 and #51	10/06/09	P.D.
10/06/09	prepared CCV. L ₁₈ MS as in page #50 and #51	10/07/09	P.D
10/07/09	prepared CCV. L ₁₈ , MS as in page #50 and #51	10/08/09	P.D
10/08/09	prepared CCV. L ₁₈ , MS as in page #50 and #51	10/09/09	P.D
10/09/09	prepared CCV. L ₁₈ , MS ₃₉₁ as in page #50	10/10/09	P.D

PD
08/25/09
08/26/09

PD

hexavalent Chromium - EPA Method 7199/218.6 prepared 08/25/09
intermediate Stock Standards
1mL 100ppm Cr+6 intermediate EXP.02/01/1/100 mL DI H2O => 1000ppb Cr+6
1mL 100ppm Cr+6 intermediate EXP.02/01/1/100 mL DI H2O => 1000ppb Cr+6 ICV

Calibration Standards
1mL 1000ppb Cr+6 prepared 8/25//09 /50 mL DI H2O => 20ppb Cr+6
1mL 1000ppb Cr+6 prepared 8/25//09 /100 mL DI H2O => 10ppb Cr+6
0.5mL 1000ppb Cr+6 prepared 8/25//09 /100 mL DI H2O => 5ppb Cr+6
0.1mL 1000ppb Cr+6 prepared 8/25//09 /100 mL DI H2O => 1ppb Cr+6
0.05mL 1000ppb Cr+6 prepared 8/25//09 /100 mL DI H2O => 0.5ppb Cr+6
1mL 10ppb Cr+6 prepared 8/25//09 /100 mL DI H2O => 0.1ppb Cr+6

1mL 1000ppb Cr+6 prepared 8-25-09 ICV /100 mL DI H2O => 10ppb Cr+6 ICV

LCS/LCSD 0.25mL 1000ppb Cr+6 prepared 8/25//09 /25 mL DI H2O => 10ppb Cr+6

MS/MSD 0.25mL 1000ppb Cr+6 prepared 8/25//09 /25 mL sample => 10ppb Cr+6

All standards expire: 08/26/09

08/25/06
P.O

Sulfite STD

Primary STD for Sulfite:

① Sodium Sulfite Anhydrous from Mallinckrodt
Lot # 8064 KEA2 0008/10/06
Weight 1.5742g of Na_2SO_3 dilute to
1000 mL with H_2O → 1000 ppm Sulfite

② Second Source STD 1000 ppm

Lot # H37338
Weight 1.5742g of Na_2SO_3 from J.T. Baker
→ 1 L with H_2O → 1000 ppm SO_3

	Working STD:	Volume of stock	Final Volume
1 Cal 8	100 ppm	10 mL	100 mL
2 Cal 7	50 ppm	5.0 mL	100 mL
1 Cal 6	25 ppm	2.5 mL	100 mL
2 Cal 5	10 ppm	1.0 mL	100 mL

P.D	Working STD	Volume of Stock	Final Volume
8/25/09	Zcal 4 5 ppm	0.5 ml	100 ml
8/26/09	Zcal 3 2.5 ppm	5 ml of Zcal 6	100 ml 50 ml
	Zcal 2 1.0 ppm	5 ml of Zcal 5	8/25/09 100 ml 50 ml
	Zcal 1 0.5 ppm	5 ml of Zcal 4	100 ml 50 ml

8/25/09

ZCU 2.5 ml of 1000 ppm ZCU STD → 100 ml DI H₂O
Give 2.5 ppm SO₃

CCU 2.5 ml of stock 1000 ppm STD primary source
→ 100 ml with DI H₂O → 2.5 ppm SO₃

8/26/09

Standards for Ferrous Iron

Ferrous Iron Standard Solution, 200 µg/mL: Add 10 mL conc. H₂SO₄ (G35026 JT Baker) to 50 mL DI and dissolve 0.702 gm Ferrous Ammonium Sulfate (EM Science Lot 40188002.) Dilute to a final volume of 500 mL. (Solution is stable for 7 days)

0.25 mL X 200 mg Fe ⁺² (8/25/09) / 50 mL DI	1.0 mg / Fe ⁺²
0.50 mL X	2.0 mg / Fe ⁺²
1.00 mL X	4.0 mg / Fe ⁺²
1.25 mL X	5.0 mg / Fe ⁺²
2.50 mL X	10.0 mg / Fe ⁺²

ICV 200 µg/mL: Add 10 mL of conc. H₂SO₄ (G35026 JT Baker) to 50 mL DI And dissolve 0.702 gm Ferrous Ammonium Sulfate (5064KBJZ Mallinckrodt) and Dilute to final volume of 500 mL DI
(This solution is good for 7 days)

ICV / LCS MS Working solution: 750 µL X 200 µg/L Fe⁺² (8/26/09) / 50 mL DI 3.0 µg/L Fe⁺²
ICV / LCS working solution made fresh daily

8-27-09

EPA 218.6 Cr⁺⁶

1 ml x 100 ppm Cr⁺⁶ (8-10-09) → 1000 ppb Cr⁺⁶
1 ml x 1000 ppb Cr⁺⁶ (8-27-09)

CK (4) 8-27-09

Book Edit

10/02/09

P.D

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

$$CCV_2 = Ical \# 7$$

10/12/09

10/05/09

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

$$CCV_2 = Ical \# 7$$

B&E

Edit

10/06/09

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

$$CCV_2 = Ical \# 7$$

10/07/09

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

$$CCV_2 = Ical \# 7$$

10/08/09

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

$$Ical \# 7 = CCV_2$$

10/09/09

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

$$CCV_2 = Ical \# 7$$

10/10/09

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

$$Ical \# 7 = CCV_2$$

10/12/09

Prepared CCV, Lcs as in page # 29 (08/25/09)

$$CCV = Lcs = Ical \# 6$$

DIONEX 300
Standard and Reagent Log Book

[illegible]

APPL, Inc.
Analysis listing Dionex
08/25/09

Injection:	Sample Name:	Date Time Collected:
12	sulfite090825AICAL#1	8/25/2009 12:26
13	sulfite090825AICAL#2	8/25/2009 12:41
14	sulfite090825AICAL#3	8/25/2009 12:57
15	sulfite090825AICAL#4	8/25/2009 13:12
16	sulfite090825AICAL#5	8/25/2009 13:28
17	sulfite090825AICAL#6	8/25/2009 13:43
18	sulfite090825AICAL#7	8/25/2009 13:59
22	sulfite 090825 lcb	8/25/2009 15:12
23	sulfite 090825 lcv 25.0PPM	8/25/2009 15:28
25	sulfite 090825 ccb	8/25/2009 16:09
26	sulfite 090825 CCV 25.00PPM	8/25/2009 16:24

300/9056 Injection Log

Directory: I:\Dionex\D1Anions\data\

RunID	Injected		Sample Name	Misc Info	FileName	Multiplier
9	28 Sep 2009	13:25	090928AICAL#1		090928a	1.
10	28 Sep 2009	13:42	090928AICAL#2		090928a	1.
11	28 Sep 2009	13:58	090928AICAL#3		090928a	1.
12	28 Sep 2009	14:15	090928AICAL#4		090928a	1.
13	28 Sep 2009	14:31	090928AICAL#5		090928a	1.
14	28 Sep 2009	14:48	090928AICAL#6		090928a	1.
16	28 Sep 2009	15:21	090928AICAL#7		090928a	1.
19	28 Sep 2009	16:22	090928A ICV		090928a	1.
20	28 Sep 2009	16:38	090928A ICB		090928a	1.
21	28 Sep 2009	16:55	090928A CCV		090928a	1.
22	28 Sep 2009	17:11	090928A CCB		090928a	1.

APPL, Inc.
Analysis listing Dionex
10/02/09

Injection:	Sample Name:	Date Time Collected:
2	091002A CCV	10/02/09 8:38
3	091002A CCB	10/02/09 8:54
4	091002A LCS	10/02/09 9:11
16	091002A 300 CCV	10/02/09 12:30
17	091002A sulfite CCV	10/02/09 12:48
18	091002A sulfite lcs	10/02/09 13:03
20	091002A 300/ sulfite CCB	10/02/09 13:35
21	AY04746W01 1/5	10/02/09 13:52
22	AY04747W01 1/5	10/02/09 14:08
31	091002A sulfite CCV 50ppm	10/02/09 16:36
33	091002A 300 ccv	10/02/09 17:09
35	091002A 300/ sulfite CCB	10/02/09 17:42

APPL, Inc.
Analysis listing Dionex
10/05/09

Injection:	Sample Name:	Date Time Collected:
2	091005A 300 CCV	10/05/09 9:09
3	091005A 300 CCB	10/05/09 9:26
4	091005A 300 LCS	10/05/09 9:42
16	091005A 300 CCV	10/05/09 13:01
18	091005A 300 /sulfite CCB	10/05/09 13:34
19	091005A SULFITE CCV	10/05/09 13:50
20	091005A SULFITE LCS	10/05/09 14:06
21	AY04748W01 1/5	10/05/09 14:34
22	AY04749W01 1/5	10/05/09 14:51
23	AY04750W01 1/5	10/05/09 15:07
24	AY04751W01 1/5	10/05/09 15:24
25	AY04752W01 1/5	10/05/09 15:40
30	AY04753W01 1/5	10/05/09 17:13
31	091005A SULFITE CCV	10/05/09 17:30
34	091005A 300 CCV	10/05/09 18:18
35	091005A 300 /sulfite CCB	10/05/09 18:35

Directory: I:\Dionex\ID1Anions\data\

RunID	Injected		Sample Name	Misc Info	FileName	Multiplier
3	06 Oct 2009	09:23	091006A 300 LCS/CCV2		091006a	1.
4	06 Oct 2009	09:49	091006A SULFITE CCV		091006a	1.
5	06 Oct 2009	10:05	091006A SULFITE LCS		091006a	1.
6	06 Oct 2009	10:22	091006A SULFITE /300 CCB		091006a	1.
8	06 Oct 2009	10:54	AY04754W01 1/5		091006a	5.
9	06 Oct 2009	11:11	AY04755W01 1/5		091006a	5.
10	06 Oct 2009	11:27	AY04756W01 1/5		091006a	5.
11	06 Oct 2009	11:44	AY04757W01 1/5		091006a	5.
12	06 Oct 2009	12:00	AY04758W01 1/5		091006a	5.
13	06 Oct 2009	12:17	AY04759W01 1/5		091006a	5.
14	06 Oct 2009	12:33	AY04760W01 1/5		091006a	5.
15	06 Oct 2009	12:50	AY04761W01 1/5		091006a	5.
16	06 Oct 2009	13:06	AY04762W01 1/5		091006a	5.
17	06 Oct 2009	13:23	AY04763W01 1/5		091006a	5.
18	06 Oct 2009	13:40	091006A SULFITE CCV		091006a	1.
19	06 Oct 2009	13:55	091006A 300 CCV		091006a	1.
20	06 Oct 2009	14:12	091006A SULFITE /300 CCB		091006a	1.

APPL, Inc.
Analysis listing Dionex
10/07/09

Injection:	Sample Name:	Date Time Collected:
2	091007A 300 CCV	10/07/09 9:01
3	091007A 300 LCS	10/07/09 9:18
4	091007A SULFITE CCV	10/07/09 9:35
5	091007A SULFITE LCS	10/07/09 9:51
6	091007A SULFITE/ 300 CCB	10/07/09 10:06
8	AY04764W01 1/5	10/07/09 10:39
9	AY04765W01 1/5	10/07/09 10:56
10	AY04766W01 1/5	10/07/09 11:12
11	AY04767W01 1/5	10/07/09 11:29
12	AY04768W01 1/5	10/07/09 11:45
13	AY04769W01 1/5	10/07/09 12:01
14	AY04770W01 1/5	10/07/09 12:18
15	AY04771W01 1/5	10/07/09 12:34
16	AY04772W01 1/5	10/07/09 12:51
17	AY04773W01 1/5	10/07/09 13:07
18	091007A SULFITE CCV	10/07/09 13:24
19	091007A SULFITE /300 CCB	10/07/09 13:39
20	091007A 300 CCV	10/07/09 13:56
99	091008A 300 CCV	10/08/09 12:03
100	091008A 300 LCS	10/08/09 12:20
102	091008A SULFITE CCV	10/08/09 13:04
103	091008A SULFITE LCS	10/08/09 13:20
104	091008A 300/SULFITE CCB	10/08/09 13:36
107	AY04774W01 1/5	10/08/09 14:25
108	AY04775W01 1/5	10/08/09 14:41
109	AY04776W01 1/5	10/08/09 14:58
110	AY04777W01 1/5	10/08/09 15:14
111	AY04778W01 1/5	10/08/09 15:31
112	AY04779W01 1/5	10/08/09 15:47
113	AY04780W01 1/5	10/08/09 16:04
114	AY04781W01 1/5	10/08/09 16:20
115	AY04782W01 1/5	10/08/09 16:36
116	091008A SULFITE CCV	10/08/09 16:53
117	091008A 300 CCV	10/08/09 17:09
118	091008A 300/SULFITE CCB	10/08/09 17:25
120	AY04783W01 1/5	10/08/09 17:58
121	AY04784W01 1/5	10/08/09 18:14
122	AY04785W01 1/5	10/08/09 18:31
123	AY04786W01 1/5	10/08/09 18:47
124	AY04787W01 1/5	10/08/09 19:04
125	AY04788W01 1/5	10/08/09 19:20
126	AY04789W01 1/5	10/08/09 19:36
127	AY04790W01 1/5	10/08/09 19:53
128	AY04791W01 1/5	10/08/09 20:09
129	AY04792W01 1/5	10/08/09 20:26
130	091008A SULFITE CCV	10/08/09 20:42

131	091008A 300 CCV	10/08/09 20:58
133	091008A 300/SULFITE CCB	10/08/09 21:31
186	091008A 300 CCV	10/09/09 12:16
188	091008A 300/ SULFITE CCB	10/09/09 12:49
189	091008A 300 LCS	10/09/09 13:12
192	091009A SULFITE CCV	10/09/09 14:14
193	091009A SULFITE LCS	10/09/09 14:30
194	AY04793W01 1/5	10/09/09 14:45
195	AY04794W01 1/5	10/09/09 15:02
196	AY04795W01 1/5	10/09/09 15:18
197	AY04796W01 1/5	10/09/09 15:35
198	091009A SULFITE CCV	10/09/09 15:51
199	091009A 300/ SULFITE CCB	10/09/09 16:08
200	091009A 300 CCV	10/09/09 16:24
201	AY04797W01 1/5	10/09/09 16:41
202	AY04798W01 1/5	10/09/09 16:57
203	AY04799W01 1/5	10/09/09 17:14
204	AY04800W01 1/5	10/09/09 17:30
205	AY04801W01 1/5	10/09/09 17:46
206	AY04802W01 1/5	10/09/09 18:03
207	AY04803W01 1/5	10/09/09 18:19
208	AY04804W01 1/5	10/09/09 18:36
209	AY04805W01 1/5	10/09/09 18:52
210	AY04806w01 1/5	10/09/09 19:09
213	091009A SULFITE CCV	10/09/09 20:07
214	091008A 300 CCV	10/09/09 20:23
216	091008A 300/ SULFITE CCB	10/09/09 20:56

APPL, Inc.
Analysis listing Dionex
10/12/09

Injection:	Sample Name:	Date Time Collected:
2	091012A 300 CCV	10/12/09 8:30
3	091012A 300 LCS	10/12/09 8:47
4	091012A SULFITE CCV	10/12/09 9:04
5	091012A SULFITE LCS	10/12/09 9:20
6	091012A 300/SULFITE CCB	10/12/09 9:36
8	AY04807W01 1/5	10/12/09 10:09
9	AY04808W01 1/5	10/12/09 10:25
18	091012A SULFITE CCV	10/12/09 12:56
19	091012A 300 CCV	10/12/09 13:11
20	091012A 300/SULFITE CCB	10/12/09 13:28