TechLaw
Quality & Integrity

Ion Chromatography
EPA Method 300.0 / SW-846 Method 9056

Analysis Date: 09/30/2016 Analyst: Nick Philpot

TDF #: A-129 Project Name: Bonita Peak Water SEP 2016 #:C160913

Standards Traceability Documentation

Vendor	Standard	LIMS ID #:	Expires	Purpose
Inorganic Ventures	QCP-QCS-5	C601084	1-31-2017	SCV
Inorganic Ventures	10,000 ppm Fl	C601070	1-31-2017	Calibration
Inorganic Ventures	10,000 ppm Cl	C601071	1-31-2017	Calibration
Inorganic Ventures	10,000 ppm NO_2	C601072	1-31-2017	Calibration
Inorganic Ventures	10,000 ppm SO_4	C601073	1-31-2017	Calibration
Inorganic Ventures	10,000 ppm Br	C601074	1-31-2017	Calibration
Inorganic Ventures	10,000 ppm NO_3	C601075	1-31-2017	Calibration
Inorganic Ventures	10,000 ppm PO_4	C601076	1-31-2017	Calibration
ESAT	Spike Mix	C601082	1-31-2017	MS / LCS

Calibration Standards

Cal Stock LIMS ID #: C601078 Prepared: 01/31/2016 Exp: 01/31/2017

Name	F^- mg/L	Cl^- mg/L	Br^- mg/L	NO_2-N g/L	NO_3-N mg/L	PO_4 mg/L	SO_4^- mg/L
Stock	20	200	50	50	50	20	500
Std. 1	0.2	2	0.5	0.5	0.5	0.2	5.0
Std. 2	0.4	4	1	1	1	0.4	10
Std. 3	1	10	2.5	2.5	2.5	1	25
Std. 4	4	40	10	10	10	4	100
Std. 5	10	100	25	25	25	10	250

Instrument Analysis Parameters

Column Press: Approx 2100 Eluent Cond: approx 0.00 Eluent Prep. Date: 09/30/2016

Cal. Date: 09/20/2016 Cal. By: N Philpot

Analytical Run Information

CCV LIMS ID #: C605002 Prepared: 01/31/2016 Exp: prepared as needed

Spiked Sample ID: C160913-01 mL Sample: 10
mL Spike: varies

Analytical Batch ID: 1609107

Sequence ID: 1610054

Upload Date: 10/06/2016 Upload By: NP

Peer Review Date: 10/11/16 By: SV

ANALYSIS SEQUENCE

1610054

Instrument: ESAT Dionex IC Sequence Date: 10/06/16 13:35 Printed: 10/6/2016 1:37:41PM

Lab Number	Dilut. Factor	Analysis	STD ID	Sample/Std Name	EPA Tag ID	Source Sple	Comments
1610054-ICV1		QC	C605002	Initial Cal Check		-	
1610054-ICB1		QC		Initial Cal Blank		-	
1610054-SCV1		QC	C601084	Secondary Cal Check		-	
1610054-IBL1		QC		Instrument Blank		-	
1609107-BS1		QC		LCS		-	
1609107-BLK1		QC		Blank		-	
C160913-01 A		nions by Ion Chromatograpl		CC02D	8-1003		
1609107-DUP1		QC		Duplicate		C160913-01	
1609107-MS1		QC		Matrix Spike		C160913-01	
1610054-CCV1		QC	C605002	Calibration Check		-	
1610054-CCB1		QC		Calibration Blank		-	
1610054-CCV2		QC	C605002	Calibration Check		-	
1610054-CCB2		QC		Calibration Blank		-	
C160913-02 A		nions by Ion Chromatograpl		A12	8-1003		
1610054-CCV3		QC	C605002	Calibration Check		-	
1610054-CCB3		QC		Calibration Blank		-	
1610054-CCV4		QC	C605002	Calibration Check		-	
1610054-CCB4		QC		Calibration Blank		-	
C160913-03 A		nions by Ion Chromatograpl		M12C	8-1003		
1610054-CCV5		QC	C605002	Calibration Check		-	
1610054-CCB5		QC		Calibration Blank		-	

PREPARATION BENCH SHEET

1609107

TechLaw, Inc. - ESAT Region 8

Printed: 10/4/2016 8:40:05AM

Matrix: Water

Date Prepared: 09/29/16 12:44 By: NP

Prepared using: WETCHEM - No Prep Req

Lab Number	Analysis	EPA Tag ID	Initial (mL)	Final (mL)	Spike1 ID	ul Spike1	Spike2 ID	ul Spike2	Source ID	QC Code	Extraction Comments
1609107-BLK1	QC		10	10						Blank	
1609107-BS1	QC		10	10	C601082	100				LCS	
1609107-DUP1	QC		10	10					C160913-01	Duplicate	
1609107-MS1	QC		10	10	C601082	100			C160913-01	Matrix Spike	
C160913-01 A	nions by Ion Chromatograph	8-1003	10	10						CC02D	Nitrate 48hr TAT 4x
C160913-02 A	nions by Ion Chromatograph	8-1003	10	10						A12	Nitrate 48hr TAT 2x
C160913-03 A	nions by Ion Chromatograph	8-1003	10	10						M12C	Nitrate 48hr TAT 2x

Pipettes
WET01-0100
WET02-1000
E10673
E10676
E10677
E10672
E10664

Preparation Reviewed By Date

Sequence: 1609107_C160913_NP
Operator: US ENVIRONMENTAL PRO
Printed: 10/3/2016 9:11:04 AM

Title: Right Sequence
Datasource: D9VVZ191_local
Location: Right_system\Sequences and Data\2016 ESAT
Timebase: Right_system
#Samples: 28
Created: 9/28/2016 9:44:55 AM by US ENVIRONMENTAL PRO
Last Update: 10/3/2016 9:08:38 AM by US ENVIRONMENTAL PRO

No.	Pos.	Name	Dil. Factor	Type	Inj. Date/Time	Inj. Vol.	Status	Method
1	1	Std 0	1.0000	Unknown	9/20/2016 8:38:31 PM	25.0	Finished	Met Anions Rt
2	2	Std 1	1.0000	Standard	9/20/2016 8:53:35 PM	25.0	Finished	Met Anions Rt
3	3	Std 2	1.0000	Standard	9/20/2016 9:08:39 PM	25.0	Finished	Met Anions Rt
4	4	Std 3	1.0000	Standard	9/20/2016 9:23:44 PM	25.0	Finished	Met Anions Rt
5	5	Std 4	1.0000	Standard	9/20/2016 9:38:49 PM	25.0	Finished	Met Anions Rt
6	6	Std 5	1.0000	Standard	9/20/2016 9:53:53 PM	25.0	Finished	Met Anions Rt
7	5	SEQ-ICV	1.0000	Unknown	9/28/2016 2:33:53 PM	25.0	Finished	Met Anions Rt
8	1	SEQ-ICB	1.0000	Unknown	9/28/2016 2:48:58 PM	25.0	Finished	Met Anions Rt
9	7	SEQ-SCV1	1.0000	Unknown	9/28/2016 3:04:02 PM	25.0	Finished	Met Anions Rt
10	8	SEQ-IBL1	1.0000	Unknown	9/28/2016 3:19:07 PM	25.0	Finished	Met Anions Rt
11	9	1609107-BS1	1.0000	Unknown	9/28/2016 3:34:12 PM	25.0	Finished	Met Anions Rt
12	10	1609107-BLK1	1.0000	Unknown	9/28/2016 3:49:17 PM	25.0	Finished	Met Anions Rt
13	11	C1609013-01 @4X	1.0000	Unknown	9/28/2016 4:04:21 PM	25.0	Finished	Met Anions Rt
14	12	16090107-DUP1 @4X	1.0000	Unknown	9/28/2016 4:19:26 PM	25.0	Finished	Met Anions Rt
15	13	1609107-MS1 @4X	1.0000	Unknown	9/28/2016 4:34:31 PM	25.0	Finished	Met Anions Rt
16	5	SEQ-CCV	1.0000	Unknown	9/28/2016 4:49:36 PM	25.0	Finished	Met Anions Rt
17	1	SEQ-CCB	1.0000	Unknown	9/28/2016 5:04:41 PM	25.0	Finished	Met Anions Rt
18	5	SEQ-CCV	1.0000	Unknown	9/29/2016 1:29:19 PM	25.0	Finished	Met Anions Rt
19	1	SEQ-CCB	1.0000	Unknown	9/29/2016 1:44:24 PM	25.0	Finished	Met Anions Rt
20	14	C1609013-02 @2X	1.0000	Unknown	9/29/2016 2:06:05 PM	25.0	Finished	Met Anions Rt
21	5	SEQ-CCV	1.0000	Unknown	9/29/2016 2:21:09 PM	25.0	Finished	Met Anions Rt
22	1	SEQ-CCB	1.0000	Unknown	9/29/2016 2:36:15 PM	25.0	Finished	Met Anions Rt
23	5	SEQ-CCV	1.0000	Unknown	9/30/2016 9:18:26 AM	25.0	Finished	Met Anions Rt
24	1	SEQ-CCB	1.0000	Unknown	9/30/2016 9:33:30 AM	25.0	Finished	Met Anions Rt
25	23	C160913-03 @2X	1.0000	Unknown	9/30/2016 11:03:56 AM	25.0	Finished	Met Anions Rt
26	5	SEQ-CCV	1.0000	Unknown	9/30/2016 12:49:29 PM	25.0	Finished	Met Anions Rt
27	1	SEQ-CCB	1.0000	Unknown	9/30/2016 1:04:33 PM	25.0	Finished	Met Anions Rt
28	1	STOP	1.0000	Unknown	9/29/2016 2:48:52 PM	25.0	Finished	Met Anions Rt

ANION SUMMARY REPORT

No.	Name	Time min Fluoride ECD_1	Area µS*min Fluoride ECD_1	Rel.Area % Fluoride ECD_1	Height µS Fluoride ECD_1	Rel.Height % Fluoride ECD_1	Amount mg/L Fluoride ECD_1
1	Std 0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std 1	2.957	0.0552	3.51	0.37	5.45	0.2286
3	Std 2	2.957	0.1032	3.27	0.73	5.29	0.4258
4	Std 3	2.957	0.2638	3.24	1.82	5.02	1.0732
5	Std 4	2.950	1.0366	2.86	7.38	4.47	3.9700
6	Std 5	2.950	2.9299	2.81	20.04	4.48	10.0034
7	SEQ-ICV	2.947	1.0143	2.84	6.99	4.31	3.8907
8	SEQ-ICB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	SEQ-SCV1	2.937	3.0087	7.80	21.56	12.65	10.2305
10	SEQ-IBL1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1609107-BS1	2.943	1.2714	9.14	9.25	12.50	4.7900
12	1609107-BLK1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	C1609013-01 @4X	2.953	0.3867	1.18	2.62	2.55	1.5570
14	16090107-DUP1 @4X	2.940	0.3982	1.20	2.70	2.62	1.6015
15	1609107-MS1 @4X	2.943	1.7312	3.56	12.00	6.73	6.3291
16	SEQ-CCV	2.940	1.0578	2.91	7.40	4.49	4.0453
17	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	SEQ-CCV	2.943	1.0364	2.86	6.95	4.26	3.9693
19	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	C1609013-02 @2X	2.947	0.1568	0.46	1.03	0.98	0.6438
21	SEQ-CCV	2.937	1.0653	2.89	7.31	4.42	4.0716
22	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	SEQ-CCV	2.940	1.0107	2.84	6.96	4.31	3.8780
24	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	C160913-03 @2X	2.947	0.1205	0.35	0.74	0.71	0.4964
26	SEQ-CCV	2.940	1.0728	2.90	7.37	4.44	4.0981
27	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
28	STOP	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	53.027	17.720	56.626	123.224	89.666	65.302
	Average:	2.946	0.984	3.146	6.846	4.981	3.628
	Rel.Std.Dev:	0.228 %	88.286 %	69.499 %	89.246 %	62.974 %	81.683 %

No.	Name	Time min Chloride ECD_1	Area µS*min Chloride ECD_1	Rel.Area % Chloride ECD_1	Height µS Chloride ECD_1	Rel.Height % Chloride ECD_1	Amount mg/L Chloride ECD_1
1	Std 0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std 1	4.25	0.365	23.18	2.297	33.57	1.9969
3	Std 2	4.25	0.737	23.34	4.667	33.78	3.9893
4	Std 3	4.25	1.914	23.52	12.493	34.42	10.0059
5	Std 4	4.26	8.790	24.26	59.805	36.19	39.9997
6	Std 5	4.29	25.741	24.69	168.115	37.56	100.0000

7	SEQ-ICV	4.25	8.578	24.06	58.480	36.09	39.1587
8	SEQ-ICB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	SEQ-SCV1	4.22	2.948	7.65	19.149	11.24	15.0035
10	SEQ-IBL1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1609107-BS1	4.23	4.866	34.98	33.271	44.98	23.7222
12	1609107-BLK1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	C1609013-01 @4X	4.23	0.035	0.11	0.215	0.21	0.1926
14	16090107-DUP1 @4X	4.22	0.012	0.04	0.083	0.08	0.0688
15	1609107-MS1 @4X	4.23	4.944	10.16	33.015	18.50	24.0623
16	SEQ-CCV	4.24	8.782	24.16	59.478	36.07	39.9659
17	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	SEQ-CCV	4.24	8.752	24.12	58.752	35.99	39.8493
19	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	C1609013-02 @2X	4.22	0.036	0.11	0.210	0.20	0.1980
21	SEQ-CCV	4.24	8.908	24.21	59.460	35.97	40.4621
22	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	SEQ-CCV	4.24	8.586	24.13	58.312	36.14	39.1902
24	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	C160913-03 @2X	4.22	0.031	0.09	0.202	0.19	0.1711
26	SEQ-CCV	4.24	8.937	24.20	59.898	36.06	40.5790
27	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
28	STOP	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	76.327	102.961	316.986	687.902	467.242	458.616
	Average:	4.240	5.720	17.610	38.217	25.958	25.479
	Rel.Std.Dev:	0.396 %	109.940 %	63.628 %	108.501 %	61.525 %	99.567 %

No.	Name	Time min Nitrite ECD_1	Area µS*min Nitrite ECD_1	Rel.Area % Nitrite ECD_1	Height µS Nitrite ECD_1	Rel.Height % Nitrite ECD_1	Amount mg/L Nitrite ECD_1
1	Std 0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std 1	5.063	0.180	11.456	0.966	14.122	0.492
3	Std 2	5.063	0.387	12.246	1.993	14.425	1.021
4	Std 3	5.070	0.992	12.189	5.158	14.212	2.515
5	Std 4	5.070	4.128	11.392	21.713	13.141	9.842
6	Std 5	5.083	11.001	10.552	56.496	12.621	25.150
7	SEQ-ICV	5.050	3.990	11.192	20.892	12.893	9.528
8	SEQ-ICB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	SEQ-SCV1	5.040	6.469	16.774	33.627	19.729	15.129
10	SEQ-IBL1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1609107-BS1	5.037	1.886	13.555	9.981	13.494	4.649
12	1609107-BLK1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	C1609013-01 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	16090107-DUP1 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15	1609107-MS1 @4X	5.040	1.933	3.975	10.028	5.619	4.762
16	SEQ-CCV	5.037	4.084	11.234	21.392	12.975	9.741
17	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

18	SEQ-CCV	5.047	4.047	11.154	20.805	12.746	9.657
19	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	C1609013-02 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21	SEQ-CCV	5.043	4.112	11.176	21.298	12.882	9.807
22	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	SEQ-CCV	5.043	3.974	11.168	20.660	12.805	9.490
24	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	C160913-03 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	SEQ-CCV	5.047	4.136	11.197	21.467	12.925	9.860
27	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
28	STOP	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	70.733	51.319	159.262	266.477	184.588	121.645
	Average:	5.052	3.666	11.376	19.034	13.185	8.689
	Rel.Std.Dev:	0.293 %	75.296 %	23.256 %	74.609 %	21.513 %	72.484 %

No.	Name	Time min Bromide ECD_1	Area µS*min Bromide ECD_1	Rel.Area % Bromide ECD_1	Height µS Bromide ECD_1	Rel.Height % Bromide ECD_1	Amount mg/L Bromide ECD_1
1	Std 0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std 1	6.073	0.037	2.330	0.184	2.687	0.411
3	Std 2	6.070	0.078	2.468	0.375	2.712	1.002
4	Std 3	6.073	0.193	2.366	0.930	2.562	2.615
5	Std 4	6.063	0.751	2.072	3.695	2.236	9.967
6	Std 5	6.057	2.074	1.989	10.442	2.333	25.004
7	SEQ-ICV	6.037	0.723	2.028	3.647	2.251	9.621
8	SEQ-ICB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	SEQ-SCV1	6.020	4.464	11.575	22.130	12.984	47.119
10	SEQ-IBL1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1609107-BS1	6.033	0.334	2.398	1.665	2.251	4.547
12	1609107-BLK1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	C1609013-01 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	16090107-DUP1 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15	1609107-MS1 @4X	6.033	0.336	0.691	1.646	0.922	4.580
16	SEQ-CCV	6.020	0.740	2.036	3.700	2.244	9.835
17	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	SEQ-CCV	6.037	0.739	2.037	3.678	2.253	9.819
19	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	C1609013-02 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21	SEQ-CCV	6.033	0.749	2.036	3.718	2.249	9.950
22	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	SEQ-CCV	6.030	0.719	2.022	3.636	2.254	9.575
24	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	C160913-03 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	SEQ-CCV	6.037	0.746	2.021	3.725	2.243	9.912
27	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

28	STOP	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	84.617	12.682	38.069	63.170	42.180	153.959
	Average:	6.044	0.906	2.719	4.512	3.013	10.997
	Rel.Std.Dev:	0.317 %	125.568 %	95.017 %	125.269 %	96.258 %	109.235 %

No.	Name	Time min Nitrate ECD_1	Area µS*min Nitrate ECD_1	Rel.Area % Nitrate ECD_1	Height µS Nitrate ECD_1	Rel.Height % Nitrate ECD_1	Amount mg/L Nitrate ECD_1
1	Std 0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std 1	6.740	0.233	14.780	1.001	14.632	0.500
3	Std 2	6.737	0.465	14.703	1.975	14.292	0.993
4	Std 3	6.733	1.179	14.486	5.047	13.905	2.476
5	Std 4	6.710	5.201	14.354	22.226	13.451	10.008
6	Std 5	6.677	15.154	14.536	63.129	14.102	24.999
7	SEQ-ICV	6.677	5.150	14.445	22.082	13.627	9.919
8	SEQ-ICB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	SEQ-SCV1	6.670	5.059	13.120	21.518	12.625	9.762
10	SEQ-IBL1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1609107-BS1	6.683	2.259	16.238	9.848	13.314	4.623
12	1609107-BLK1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	C1609013-01 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	16090107-DUP1 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15	1609107-MS1 @4X	6.687	2.305	4.738	9.733	5.453	4.712
16	SEQ-CCV	6.660	5.246	14.432	22.413	13.594	10.086
17	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	SEQ-CCV	6.677	5.251	14.474	22.334	13.683	10.095
19	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	C1609013-02 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21	SEQ-CCV	6.673	5.307	14.423	22.553	13.641	10.192
22	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	SEQ-CCV	6.670	5.123	14.397	22.009	13.641	9.872
24	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	C160913-03 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	SEQ-CCV	6.677	5.351	14.487	22.683	13.657	10.267
27	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
28	STOP	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	93.670	63.282	193.613	268.551	183.618	118.507
	Average:	6.691	4.520	13.830	19.182	13.116	8.465
	Rel.Std.Dev:	0.408 %	80.699 %	19.454 %	79.316 %	17.185 %	71.562 %

No.	Name	Time min Phosphate ECD_1	Area µS*min Phosphate ECD_1	Rel.Area % Phosphate ECD_1	Height µS Phosphate ECD_1	Rel.Height % Phosphate ECD_1	Amount mg/L Phosphate ECD_1
1	Std 0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

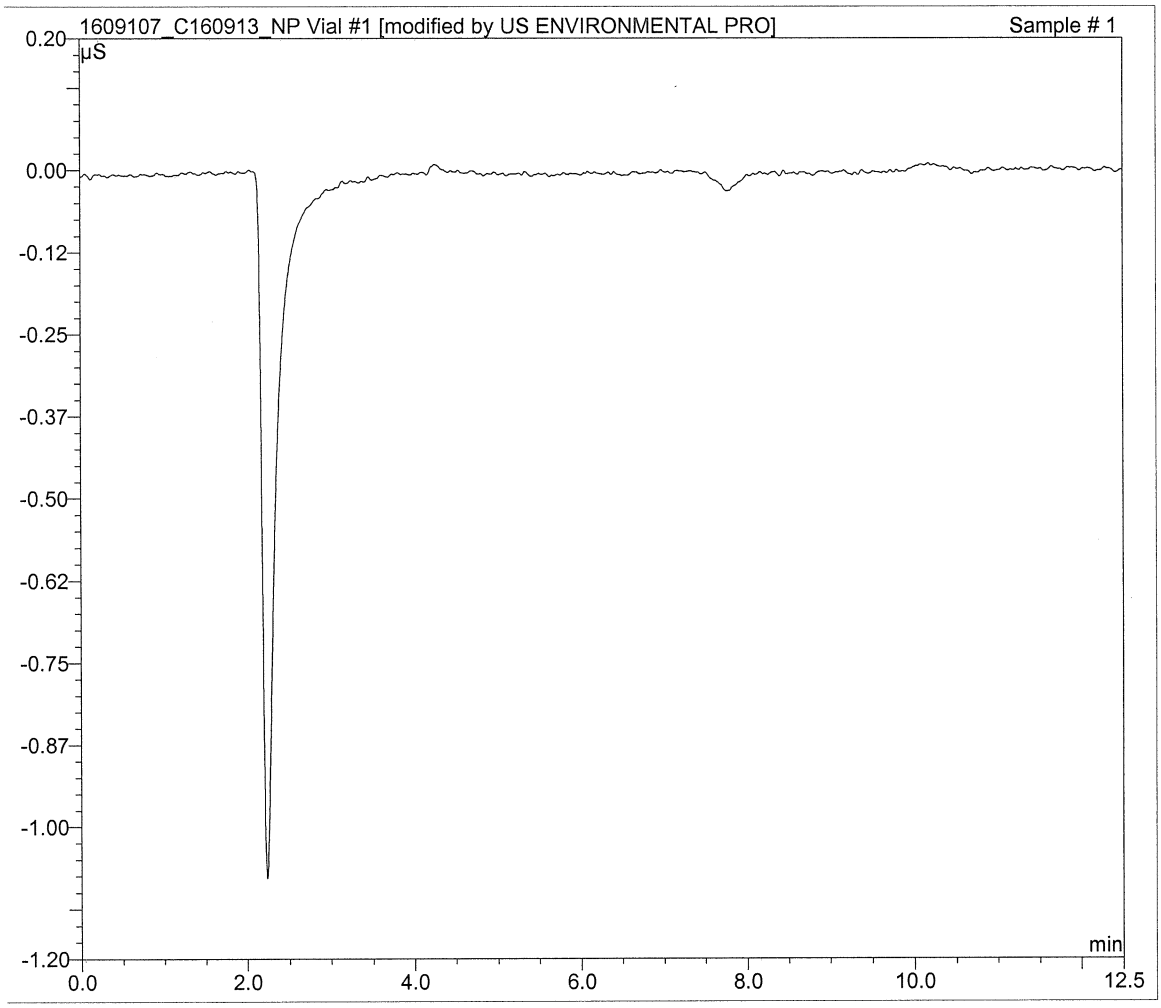
2	Std 1	8.983	0.022	1.422	0.059	0.855	0.210
3	Std 2	8.947	0.041	1.309	0.127	0.917	0.367
4	Std 3	8.953	0.131	1.607	0.360	0.992	1.044
5	Std 4	8.943	0.565	1.560	1.532	0.927	3.943
6	Std 5	8.933	1.590	1.525	4.237	0.946	10.086
7	SEQ-ICV	8.870	0.555	1.558	1.441	0.889	3.881
8	SEQ-ICB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	SEQ-SCV1	8.860	4.483	11.625	13.532	7.939	25.844
10	SEQ-IBL1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1609107-BS1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	1609107-BLK1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	C1609013-01 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	16090107-DUP1 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15	1609107-MS1 @4X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16	SEQ-CCV	8.877	0.547	1.504	1.363	0.827	3.826
17	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	SEQ-CCV	8.843	0.569	1.568	1.495	0.916	3.965
19	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	C1609013-02 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21	SEQ-CCV	8.853	0.568	1.542	1.457	0.882	3.957
22	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	SEQ-CCV	8.840	0.554	1.556	1.476	0.915	3.869
24	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	C160913-03 @2X	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	SEQ-CCV	8.870	0.529	1.432	1.305	0.786	3.711
27	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
28	STOP	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	106.773	10.154	28.208	28.382	17.791	64.702
	Average:	8.898	0.846	2.351	2.365	1.483	5.392
	Rel.Std.Dev:	0.565 %	143.467 %	124.293 %	155.394 %	137.199 %	128.424 %

No.	Name	Time min Sulfate ECD_1	Area µS*min Sulfate ECD_1	Rel.Area % Sulfate ECD_1	Height µS Sulfate ECD_1	Rel.Height % Sulfate ECD_1	Amount mg/L Sulfate ECD_1
1	Std 0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std 1	10.163	0.682	43.328	1.963	28.685	5.116
3	Std 2	10.160	1.348	42.668	3.949	28.583	10.010
4	Std 3	10.180	3.467	42.595	10.486	28.890	24.966
5	Std 4	10.233	15.762	43.501	48.884	29.584	100.002
6	Std 5	10.337	45.761	43.895	125.192	27.967	250.000
7	SEQ-ICV	10.137	15.640	43.871	48.513	29.938	99.324
8	SEQ-ICB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	SEQ-SCV1	10.140	12.131	31.459	38.928	22.840	79.357
10	SEQ-IBL1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1609107-BS1	10.067	3.295	23.690	9.951	13.454	23.783

12	1609107-BLK1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	C1609013-01 @4X	10.203	32.467	98.718	99.980	97.243	186.361
14	16090107-DUP1 @4X	10.233	32.797	98.764	100.349	97.299	187.975
15	1609107-MS1 @4X	10.250	37.396	76.875	112.060	62.783	210.248
16	SEQ-CCV	10.147	15.893	43.723	49.137	29.802	100.726
17	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	SEQ-CCV	10.103	15.886	43.787	49.212	30.149	100.691
19	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	C1609013-02 @2X	10.223	33.654	99.431	103.997	98.822	192.157
21	SEQ-CCV	10.120	16.088	43.721	49.533	29.961	101.811
22	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	SEQ-CCV	10.100	15.615	43.886	48.290	29.930	99.182
24	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	C160913-03 @2X	10.220	34.428	99.562	103.739	99.100	195.921
26	SEQ-CCV	10.127	16.163	43.761	49.636	29.885	102.224
27	SEQ-CCB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
28	STOP	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	183.143	348.476	1,007.235	1,053.799	814.915	2,069.854
	Average:	10.175	19.360	55.958	58.544	45.273	114.992
	Rel.Std.Dev:	0.655 %	70.067 %	45.940 %	67.759 %	67.280 %	64.140 %

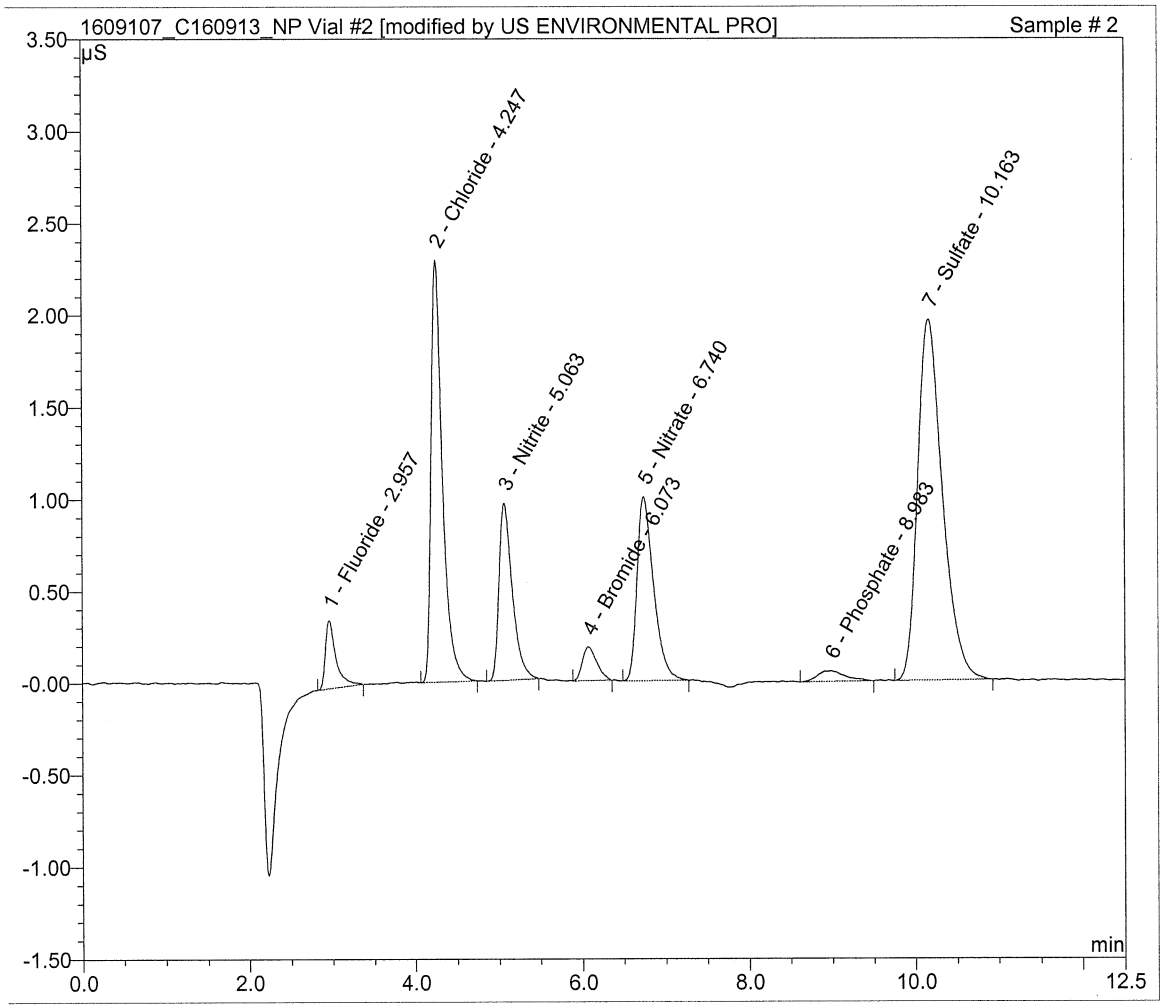
Sample Name:	**Std 0**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**1**
Inj. Date/Time:	**09.20.16 20:38**	*Run Number:*	**1**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



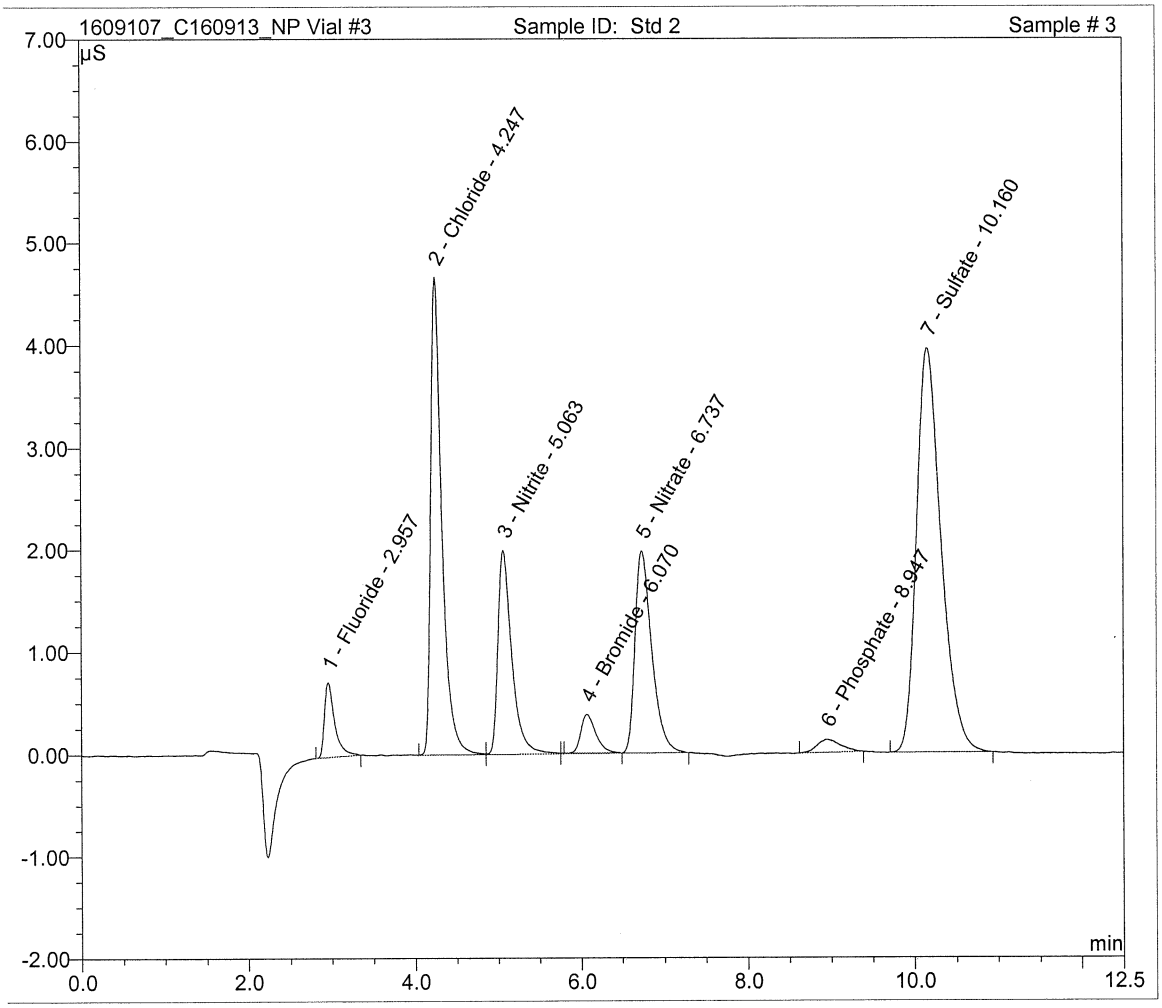
Sample Name:	**Std 1**	*Inj. Vol.:*	**25.0**
Sample Type:	**standard**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**2**
Inj. Date/Time:	**09.20.16 20:53**	*Run Number:*	**2**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.96	Fluoride	BMB	0.055	0.373	0.2286
2	4.25	Chloride	BMB	0.365	2.297	1.9969
3	5.06	Nitrite	BMB	0.180	0.966	0.4916
4	6.07	Bromide	BMB	0.037	0.184	0.4114
5	6.74	Nitrate	BMB	0.233	1.001	0.5004
6	8.98	Phosphate	BMB*	0.022	0.059	0.2100
7	10.16	Sulfate	BMB	0.682	1.963	5.1165



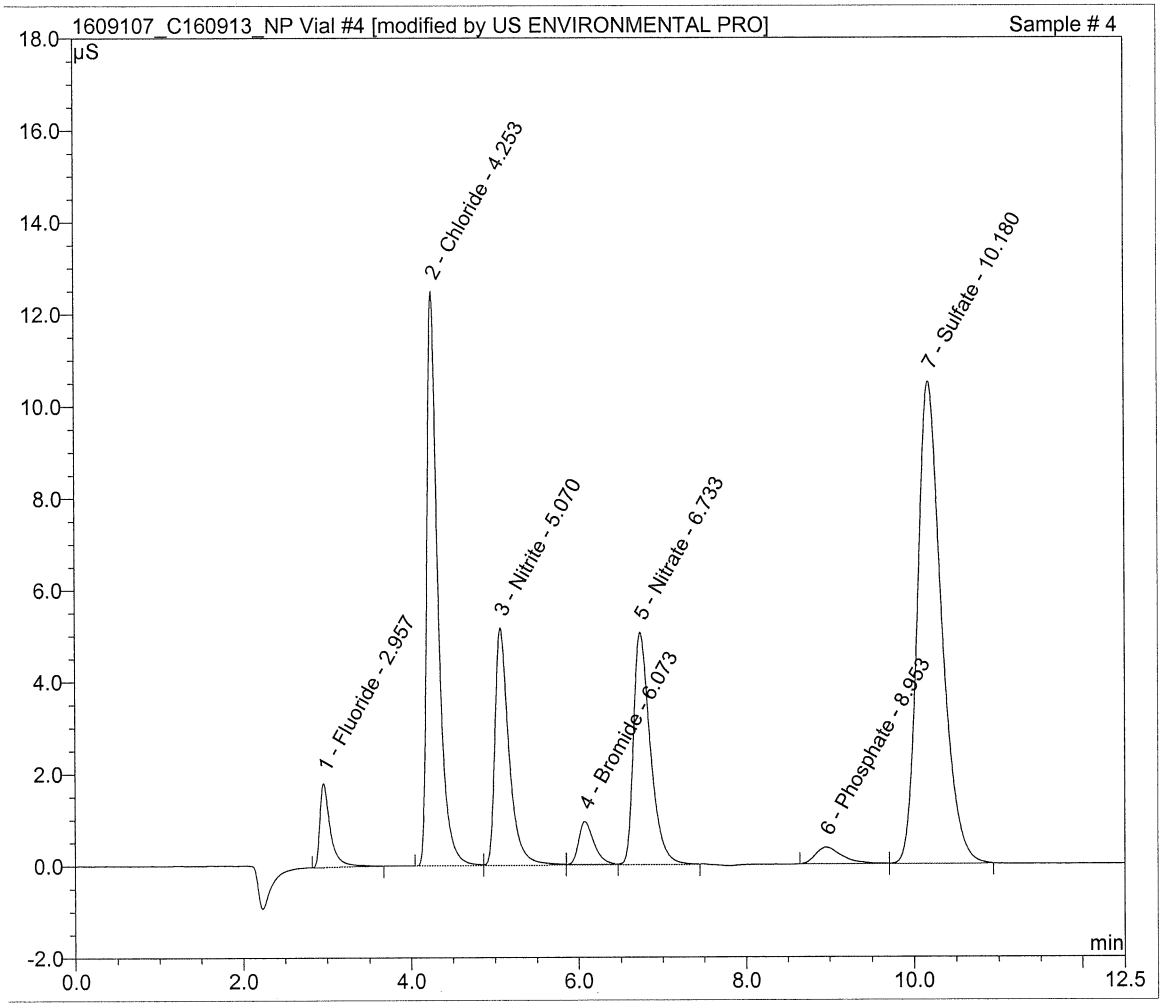
Sample Name:	**Std 2**	*Inj. Vol.:*	**25.0**
Sample Type:	**standard**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**3**
Inj. Date/Time:	**09.20.16 21:08**	*Run Number:*	**3**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.96	Fluoride	BMB	0.103	0.731	0.4258
2	4.25	Chloride	BM	0.737	4.667	3.9893
3	5.06	Nitrite	M	0.387	1.993	1.0211
4	6.07	Bromide	Ru	0.078	0.375	1.0025
5	6.74	Nitrate	MB	0.465	1.975	0.9933
6	8.95	Phosphate	BMB	0.041	0.127	0.3670
7	10.16	Sulfate	BMB	1.348	3.949	10.0098



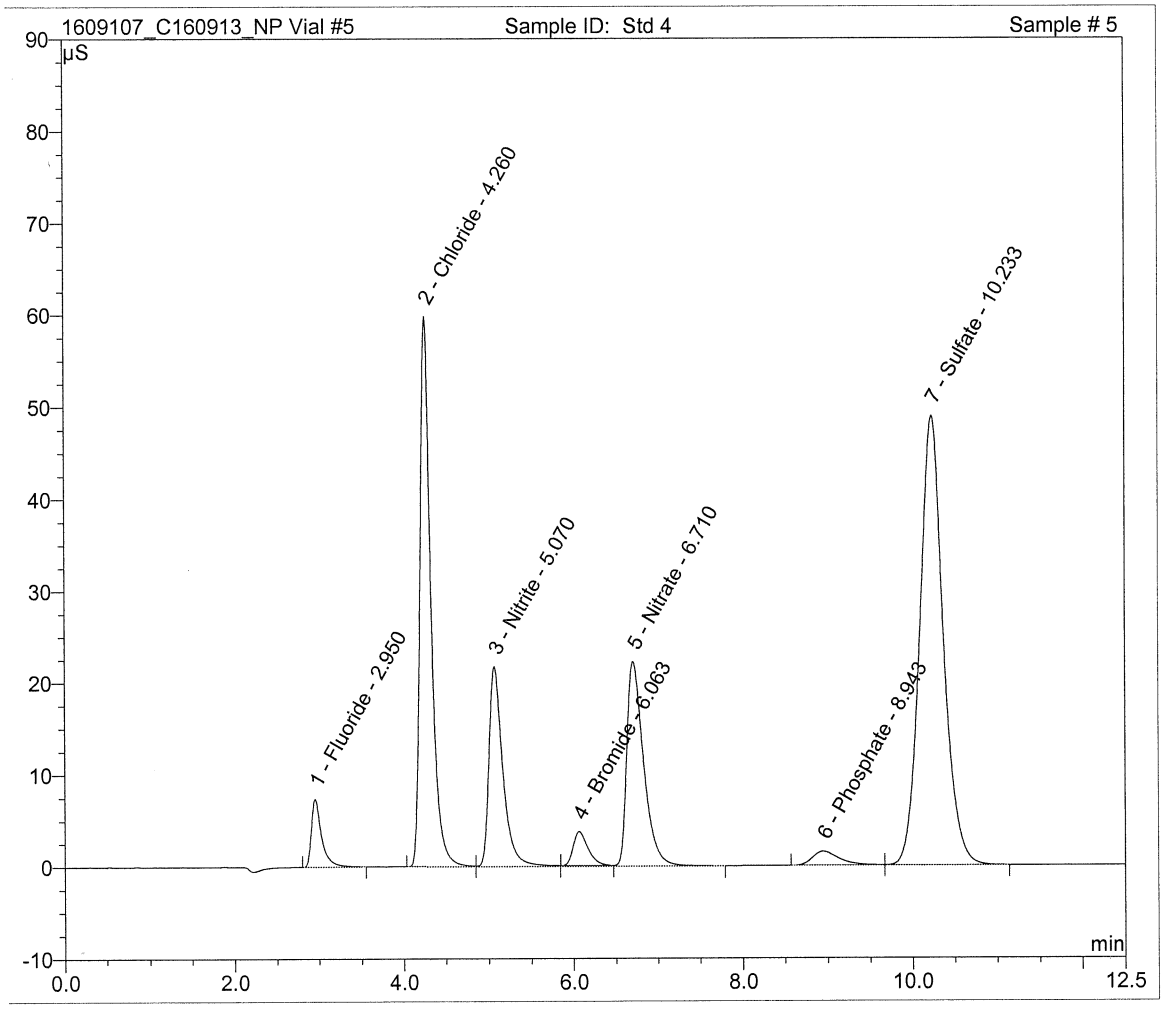
Sample Name:	**Std 3**	*Inj. Vol.:*	**25.0**
Sample Type:	**standard**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**4**
Inj. Date/Time:	**09.20.16 21:23**	*Run Number:*	**4**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.96	Fluoride	BMB	0.264	1.822	1.0732
2	4.25	Chloride	BM *	1.914	12.493	10.0059
3	5.07	Nitrite	M *	0.992	5.158	2.5150
4	6.07	Bromide	Ru	0.193	0.930	2.6152
5	6.73	Nitrate	MB*	1.179	5.047	2.4764
6	8.95	Phosphate	BM	0.131	0.360	1.0440
7	10.18	Sulfate	MB	3.467	10.486	24.9656



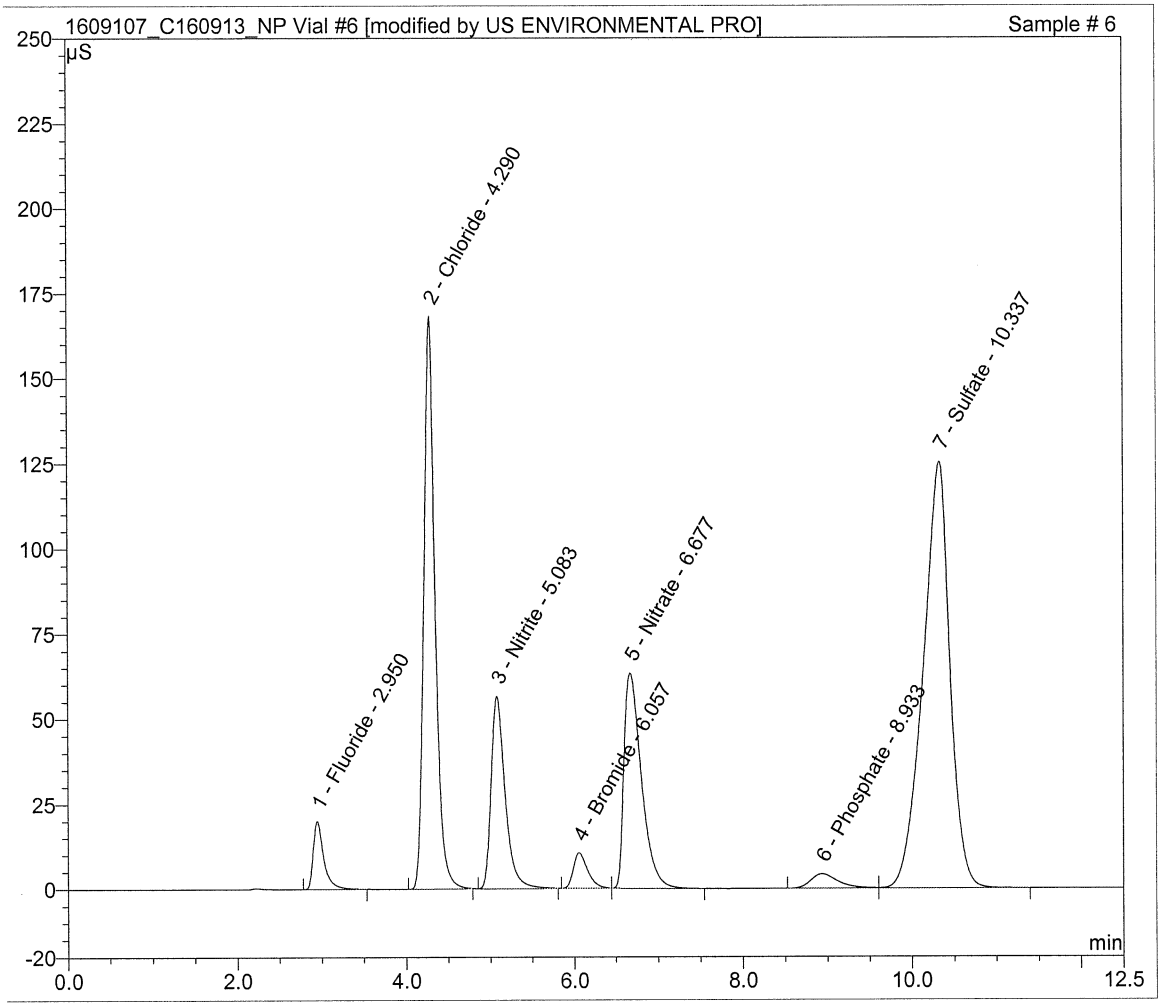
Sample Name:	**Std 4**	*Inj. Vol.:*	**25.0**
Sample Type:	**standard**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**5**
Inj. Date/Time:	**09.20.16 21:38**	*Run Number:*	**5**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.95	Fluoride	BMB	1.037	7.384	3.9700
2	4.26	Chloride	BM	8.790	59.805	39.9997
3	5.07	Nitrite	M	4.128	21.713	9.8424
4	6.06	Bromide	Ru	0.751	3.695	9.9671
5	6.71	Nitrate	MB	5.201	22.226	10.0084
6	8.94	Phosphate	BM	0.565	1.532	3.9432
7	10.23	Sulfate	MB	15.762	48.884	100.0021



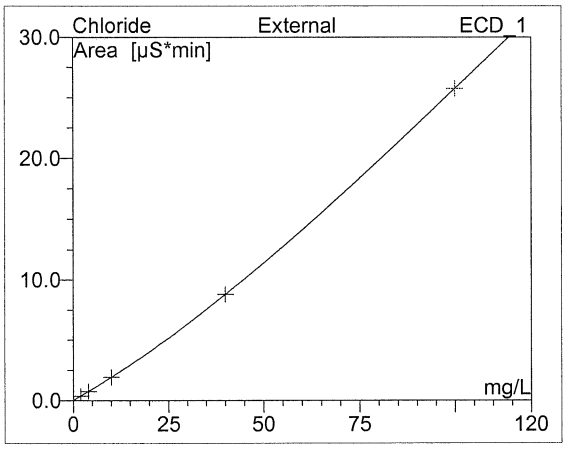
Sample Name:	**Std 5**	*Inj. Vol.:*	**25.0**
Sample Type:	**standard**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**6**
Inj. Date/Time:	**09.20.16 21:53**	*Run Number:*	**6**

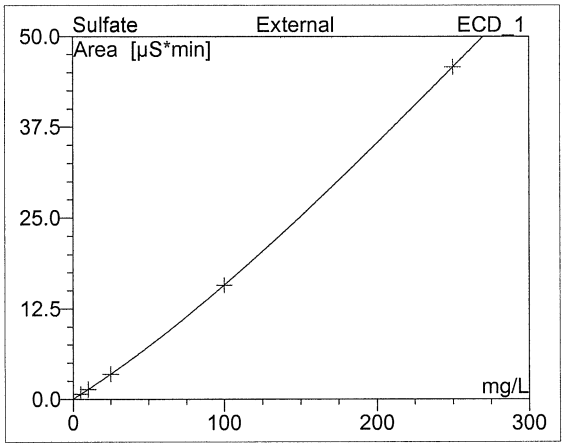
No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.95	Fluoride	BMB*	2.930	20.035	10.0034
2	4.29	Chloride	BMB*	25.741	168.115	100.0000
3	5.08	Nitrite	BMB*	11.001	56.496	25.1505
4	6.06	Bromide	BMb*	2.074	10.442	25.0035
5	6.68	Nitrate	bMB*	15.154	63.129	24.9991
6	8.93	Phosphate	BM	1.590	4.237	10.0855
7	10.34	Sulfate	MB	45.761	125.192	249.9999

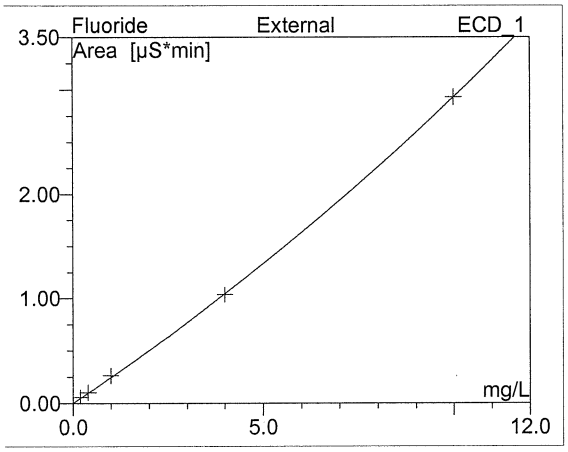


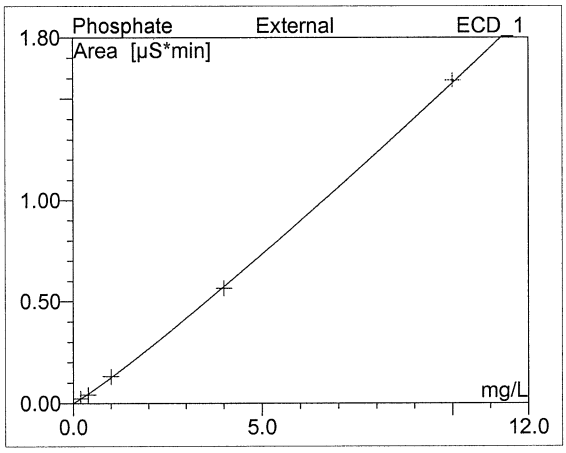
Calibration Batch Report

Sequence:	**1609107_C160913_NP**	Inj. Vol.:	**25.0**
Program:	**Program Anions Right**	Operator:	ESAT
Inj. Date/Time:	**09/20/16 21:53**	Run Time:	**12.50**



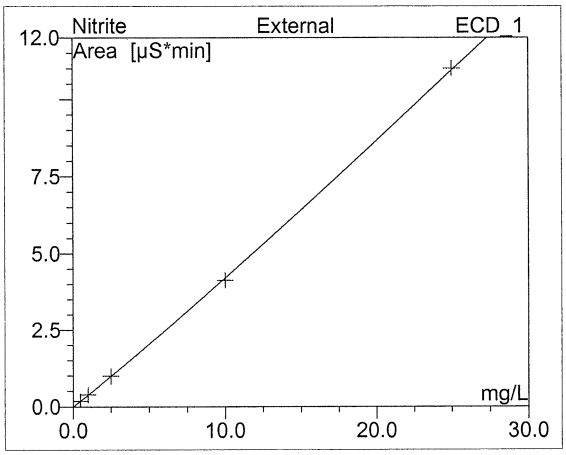


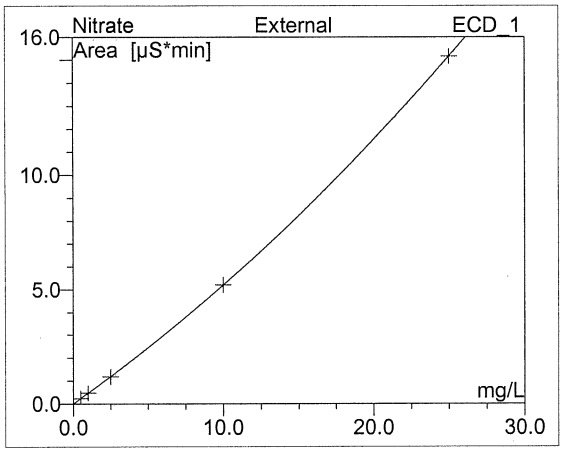


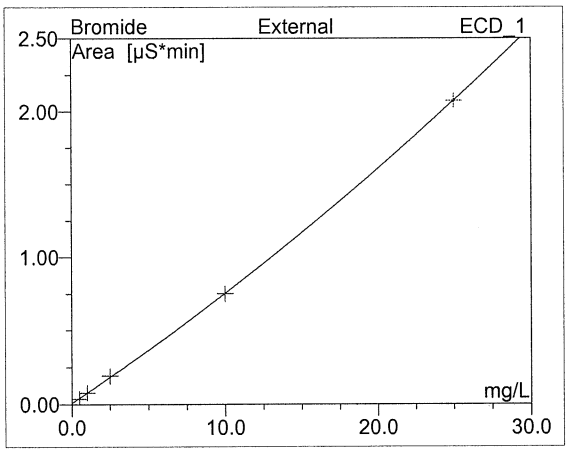


No.	Ret.Time min	Peak Name	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
1	2.95	Fluoride	Quad	5	0.000	0.240	0.005	99.9915
2	4.29	Chloride	Cubic	5	0.000	0.180	0.001	100.0000
3	5.08	Nitrite	Exp	5	0.379	1.045	0.000	99.9885
4	6.06	Bromide	QOff	5	0.008	0.069	0.001	99.9961
5	6.68	Nitrate	Quad	5	0.000	0.462	0.006	99.9999
6	8.93	Phosphate	Exp	5	0.125	1.101	0.000	99.9798
7	10.34	Sulfate	Cubic	5	0.000	0.132	0.000	100.0000
AVERAGE:					0.0731	0.4614	0.0019	99.9937

Sequence:	**1609107_C160913_NP**	*Inj. Vol.:*	**25.0**
Program:	**Program Anions Right**	*Operator:*	**n.a.**
Inj. Date/Time:	**09/20/16 21:53**	*Run Time:*	**12.50**



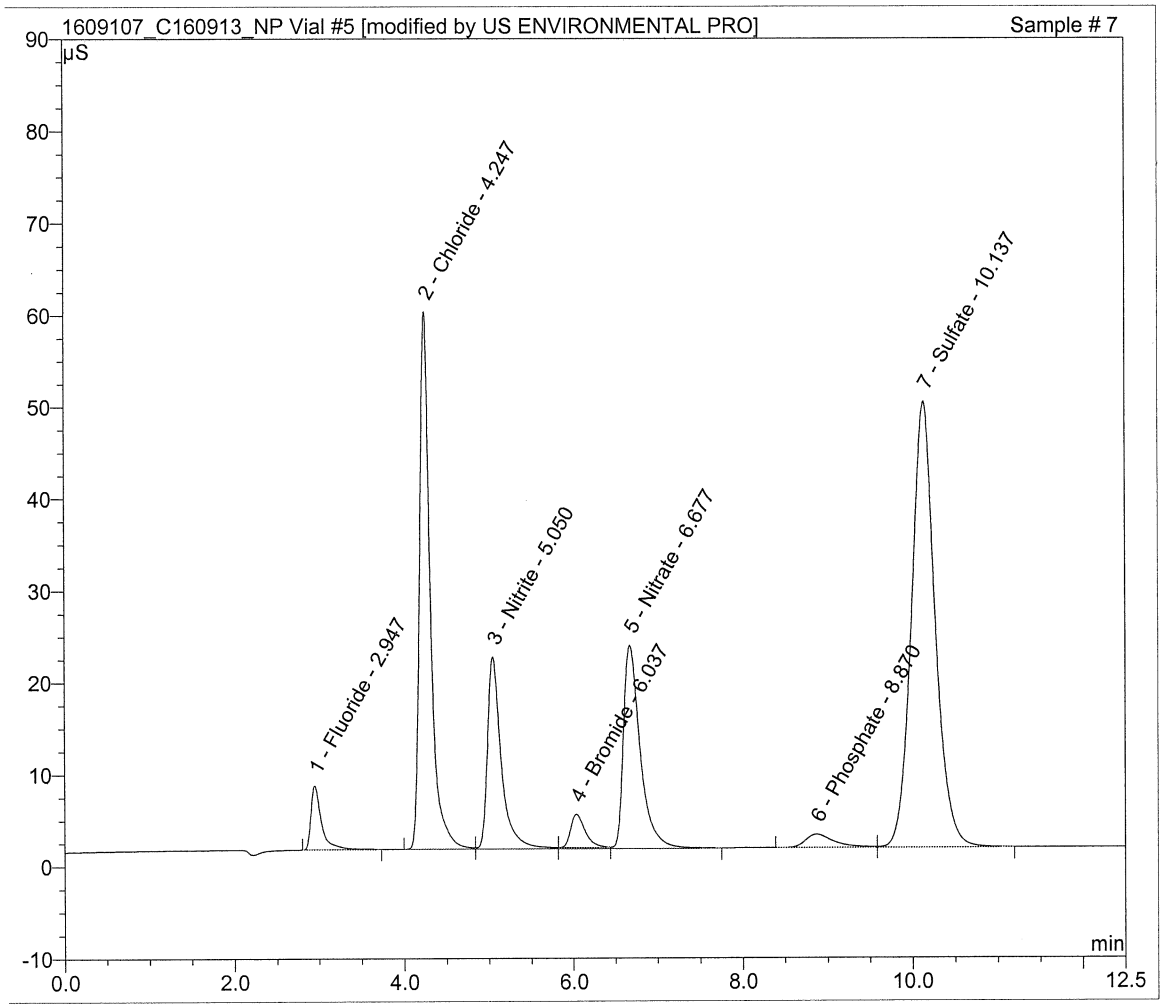




No.	Ret.Time min	Peak Name	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
1	2.95	Fluoride	Quad	5	0.000	0.240	0.005	99.9915
2	4.29	Chloride	Cubic	5	0.000	0.180	0.001	100.0000
3	5.08	Nitrite	Exp	5	0.379	1.045	0.000	99.9885
4	6.06	Bromide	QOff	5	0.008	0.069	0.001	99.9961
5	6.68	Nitrate	Quad	5	0.000	0.462	0.006	99.9999
6	8.93	Phosphate	Exp	5	0.125	1.101	0.000	99.9798
7	10.34	Sulfate	Cubic	5	0.000	0.132	0.000	100.0000
AVERAGE:					0.0731	0.4614	0.0019	99.9937

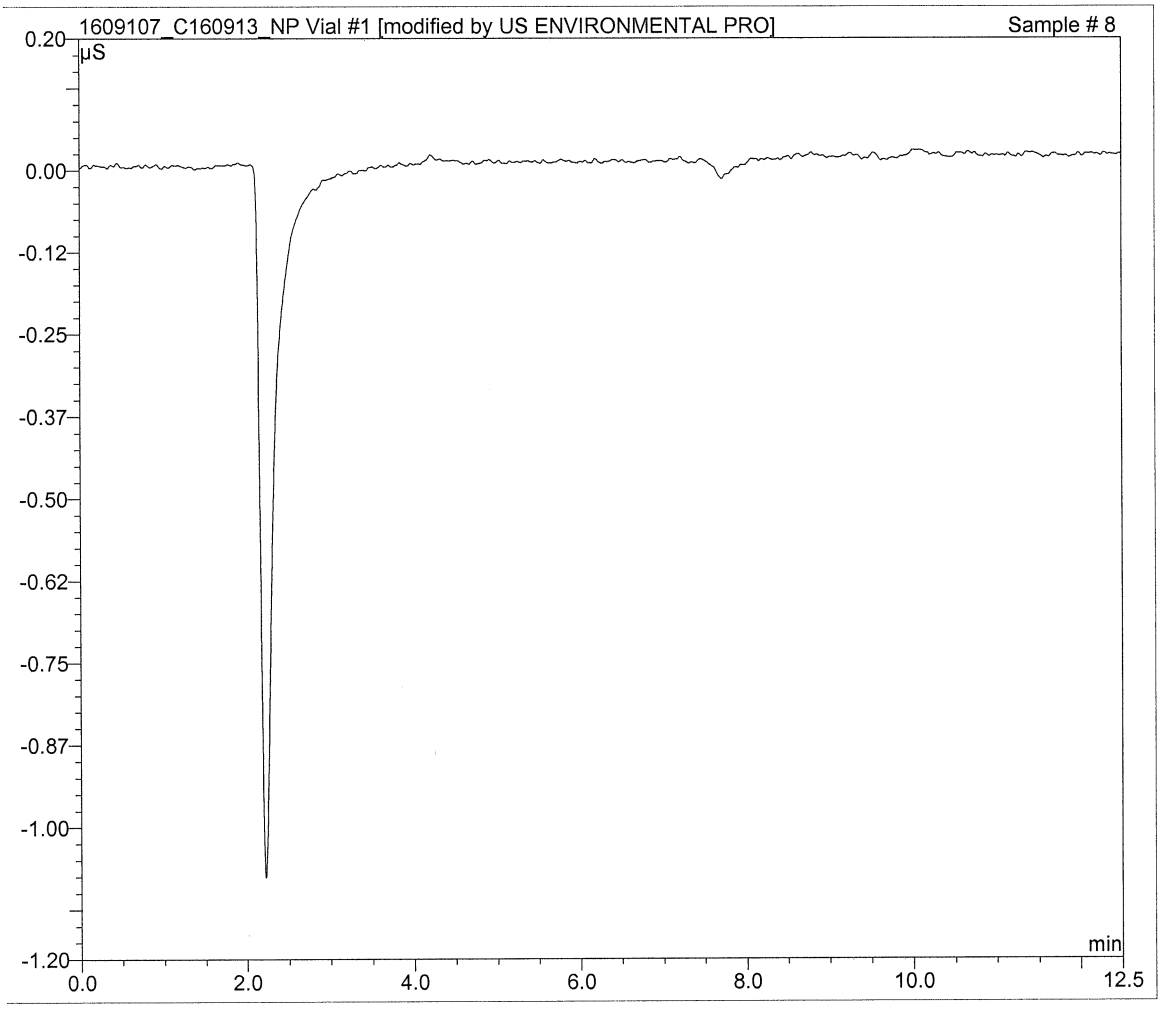
Sample Name:	**SEQ-ICV**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**5**
Inj. Date/Time:	**09.28.16 14:33**	*Run Number:*	**7**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.95	Fluoride	BMB	1.014	6.988	3.8907
2	4.25	Chloride	BM	8.578	58.480	39.1587
3	5.05	Nitrite	M	3.990	20.892	9.5278
4	6.04	Bromide	Ru	0.723	3.647	9.6215
5	6.68	Nitrate	MB	5.150	22.082	9.9192
6	8.87	Phosphate	BM	0.555	1.441	3.8807
7	10.14	Sulfate	MB	15.640	48.513	99.3241



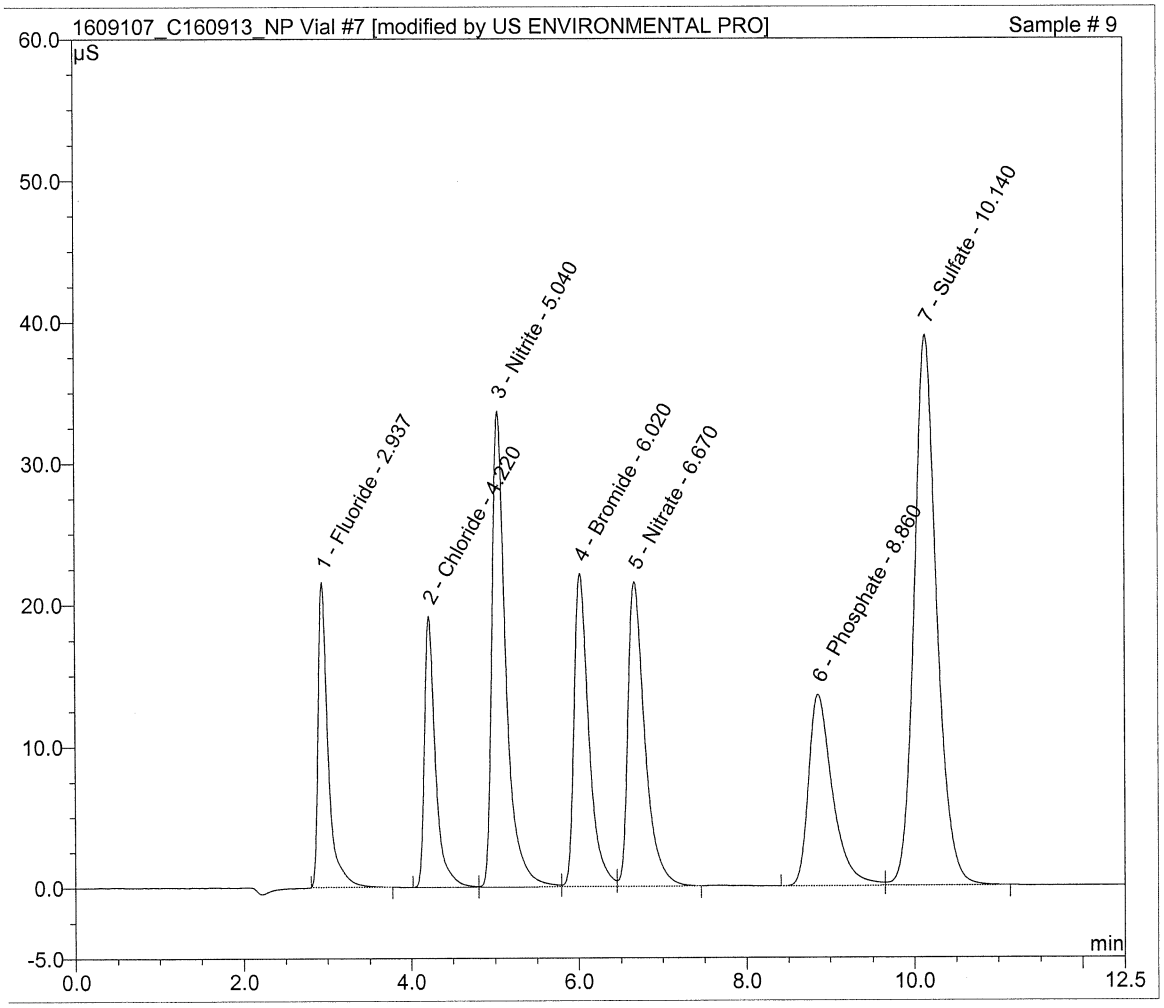
Sample Name:	**SEQ-ICB**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**1**
Inj. Date/Time:	**09.28.16 14:48**	*Run Number:*	**8**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



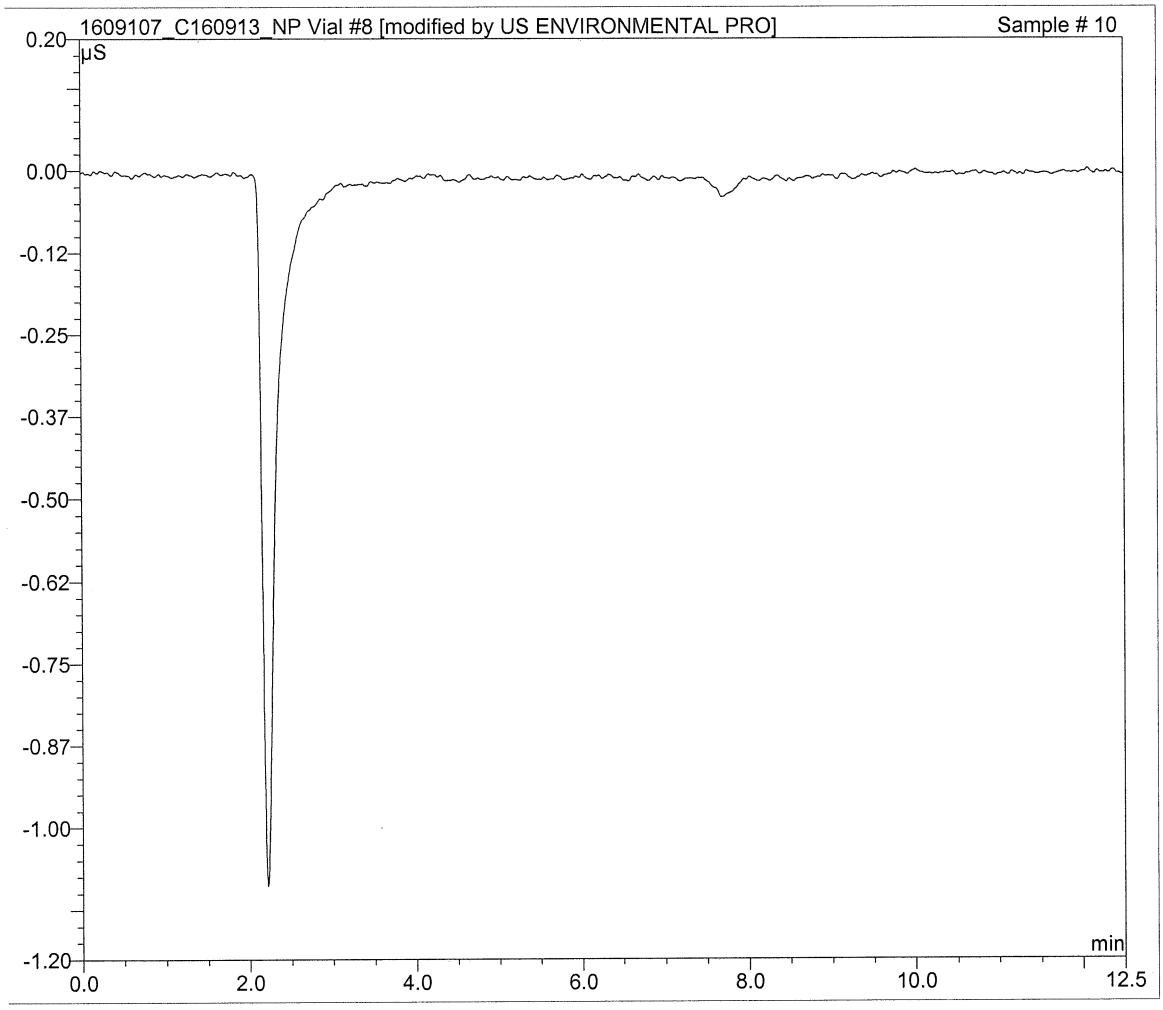
Sample Name:	**SEQ-SCV1**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**7**
Inj. Date/Time:	**09.28.16 15:04**	*Run Number:*	**9**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	3.009	21.557	10.2305
2	4.22	Chloride	BM	2.948	19.149	15.0035
3	5.04	Nitrite	M	6.469	33.627	15.1290
4	6.02	Bromide	M	4.464	22.130	47.1191
5	6.67	Nitrate	MB	5.059	21.518	9.7621
6	8.86	Phosphate	BM	4.483	13.532	25.8444
7	10.14	Sulfate	MB	12.131	38.928	79.3575



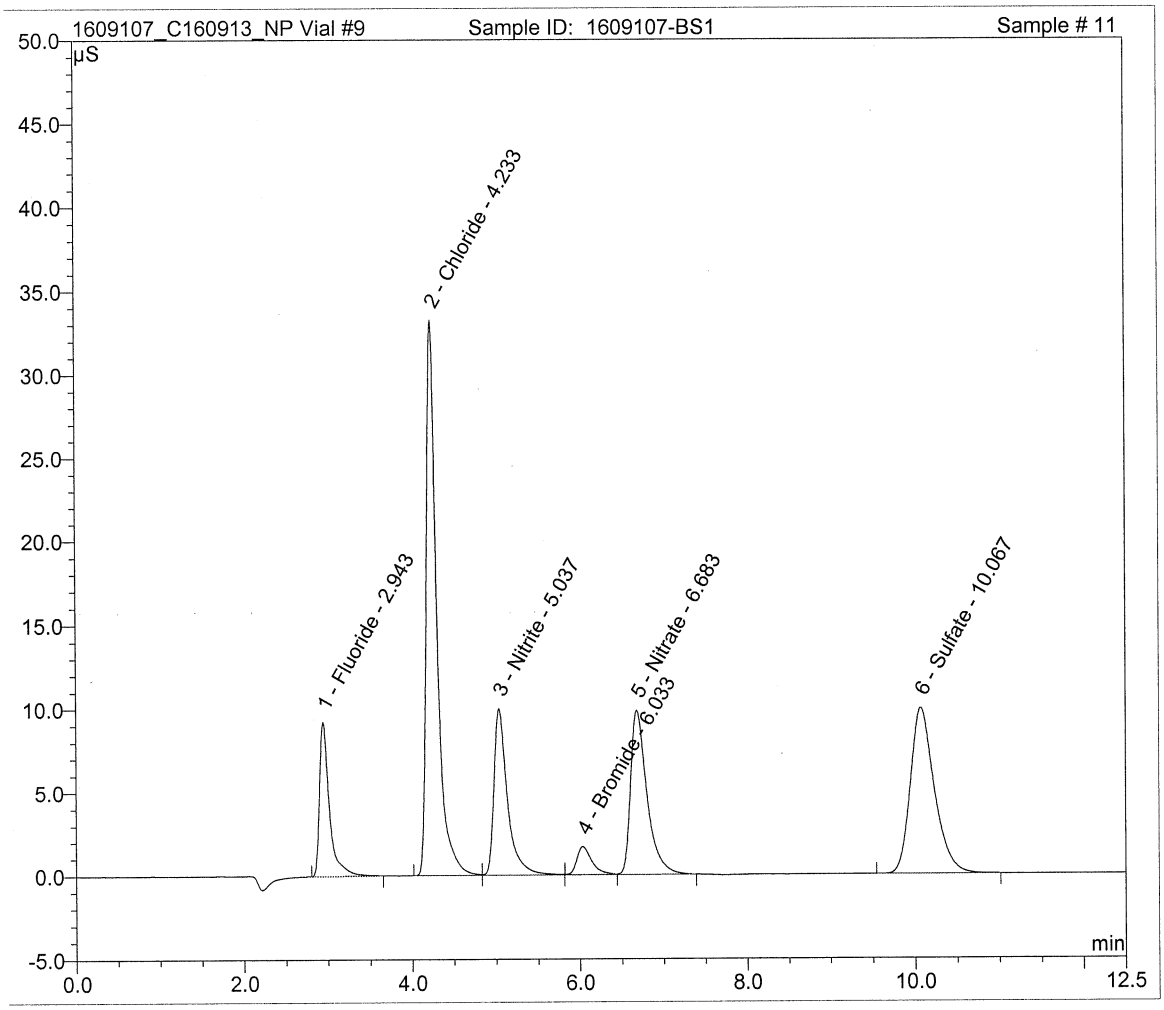
Sample Name:	**SEQ-IBL1**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**8**
Inj. Date/Time:	**09.28.16 15:19**	*Run Number:*	**10**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



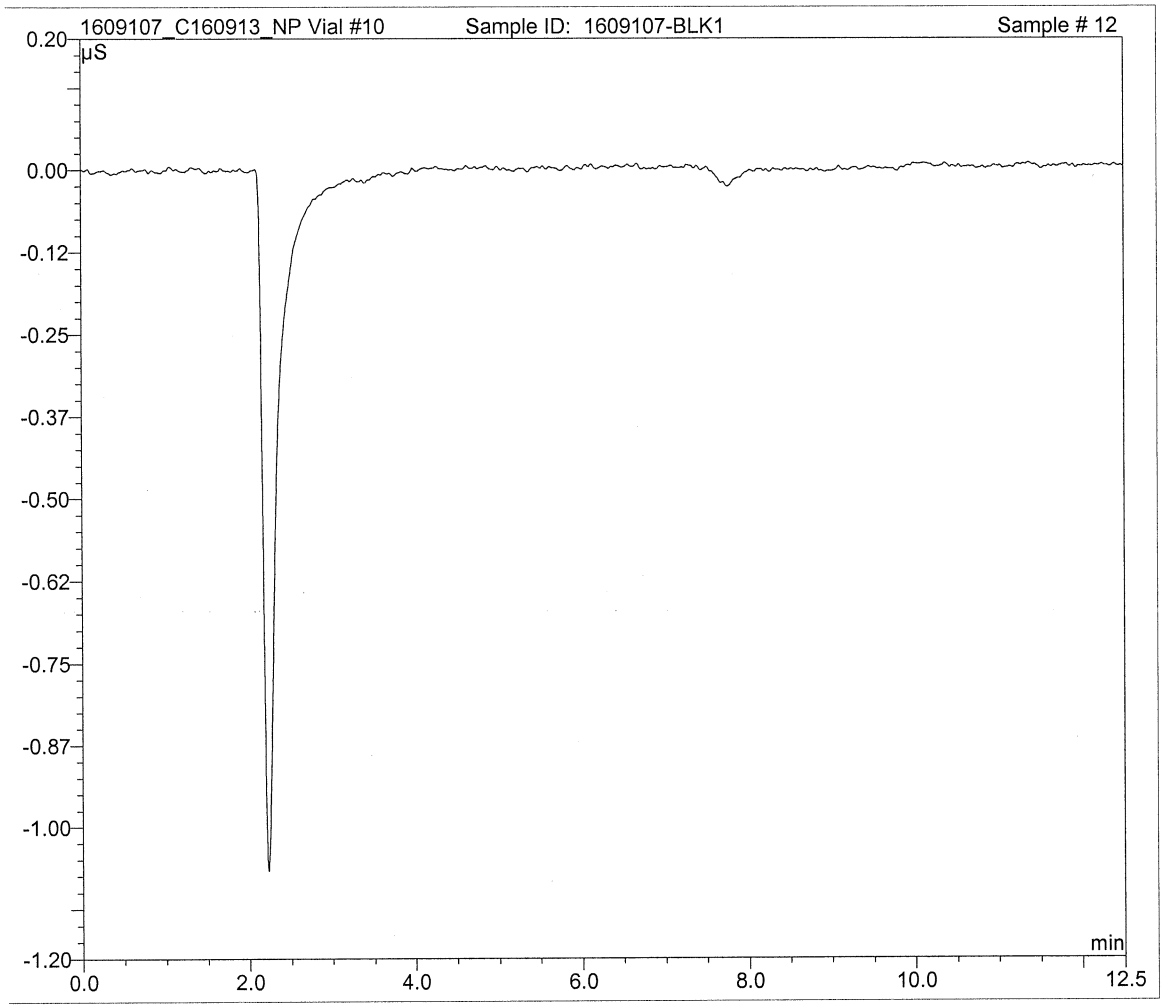
Sample Name:	**1609107-BS1**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**9**
Inj. Date/Time:	**09.28.16 15:34**	*Run Number:*	**11**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	1.271	9.248	4.7900
2	4.23	Chloride	BM	4.866	33.271	23.7222
3	5.04	Nitrite	M	1.886	9.981	4.6493
4	6.03	Bromide	Ru	0.334	1.665	4.5470
5	6.68	Nitrate	MB	2.259	9.848	4.6229
6	10.07	Sulfate	BMB	3.295	9.951	23.7826



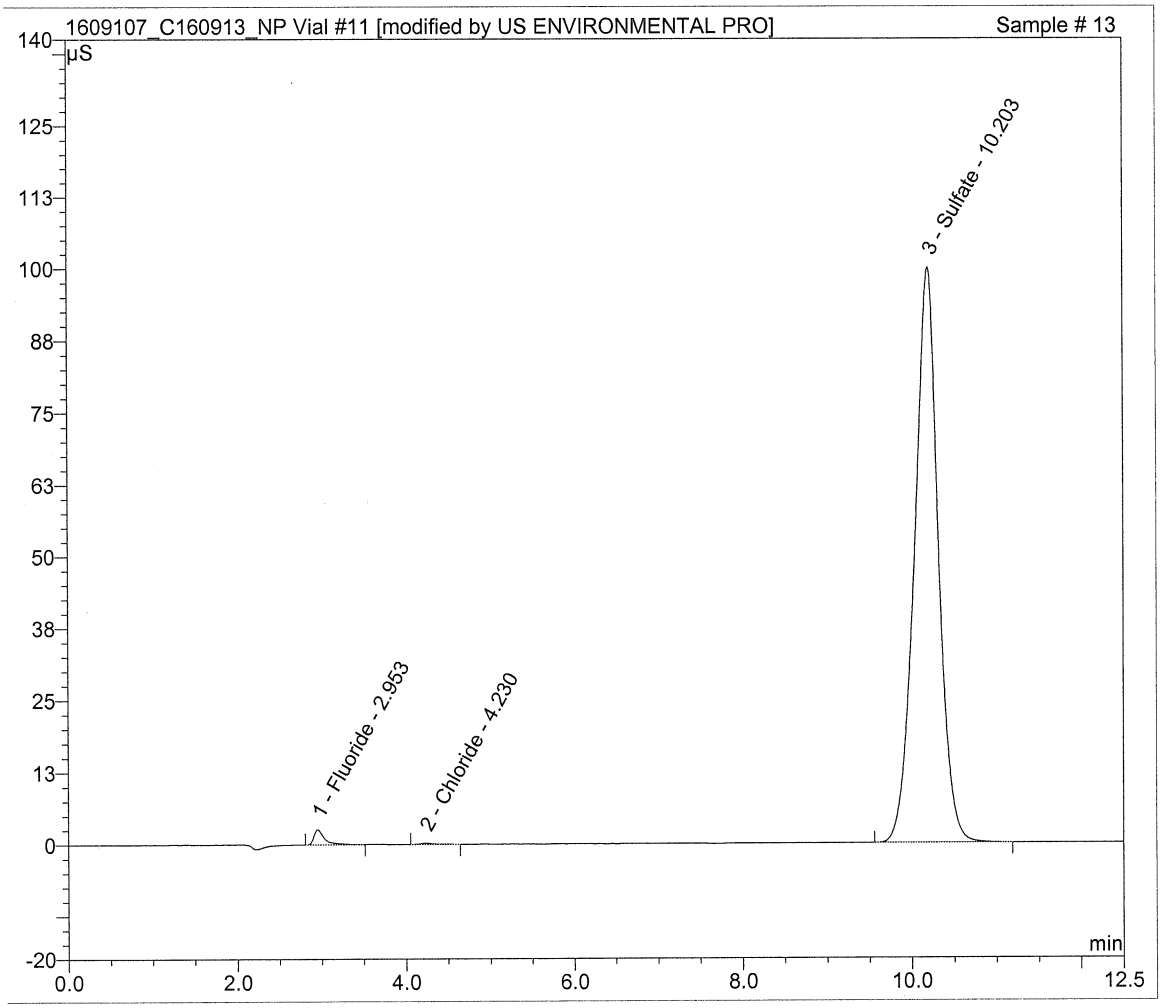
Sample Name:	**1609107-BLK1**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**10**
Inj. Date/Time:	**09.28.16 15:49**	*Run Number:*	**12**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



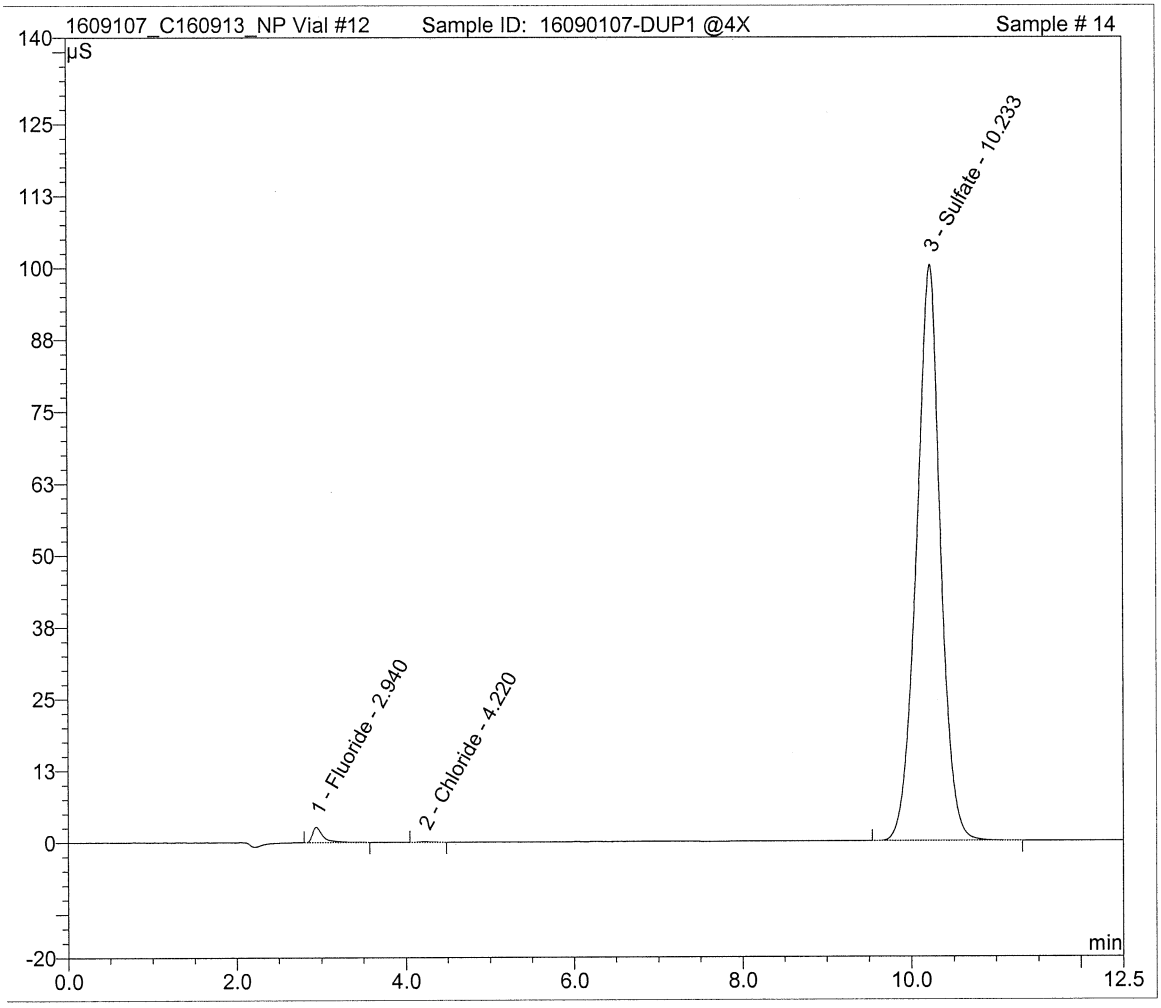
Sample Name:	**C1609013-01 @4X**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**11**
Inj. Date/Time:	**09.28.16 16:04**	*Run Number:*	**13**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.95	Fluoride	BMB	0.387	2.620	1.5570
2	4.23	Chloride	BMB	0.035	0.215	0.1926
3	10.20	Sulfate	BMB	32.467	99.980	186.3605



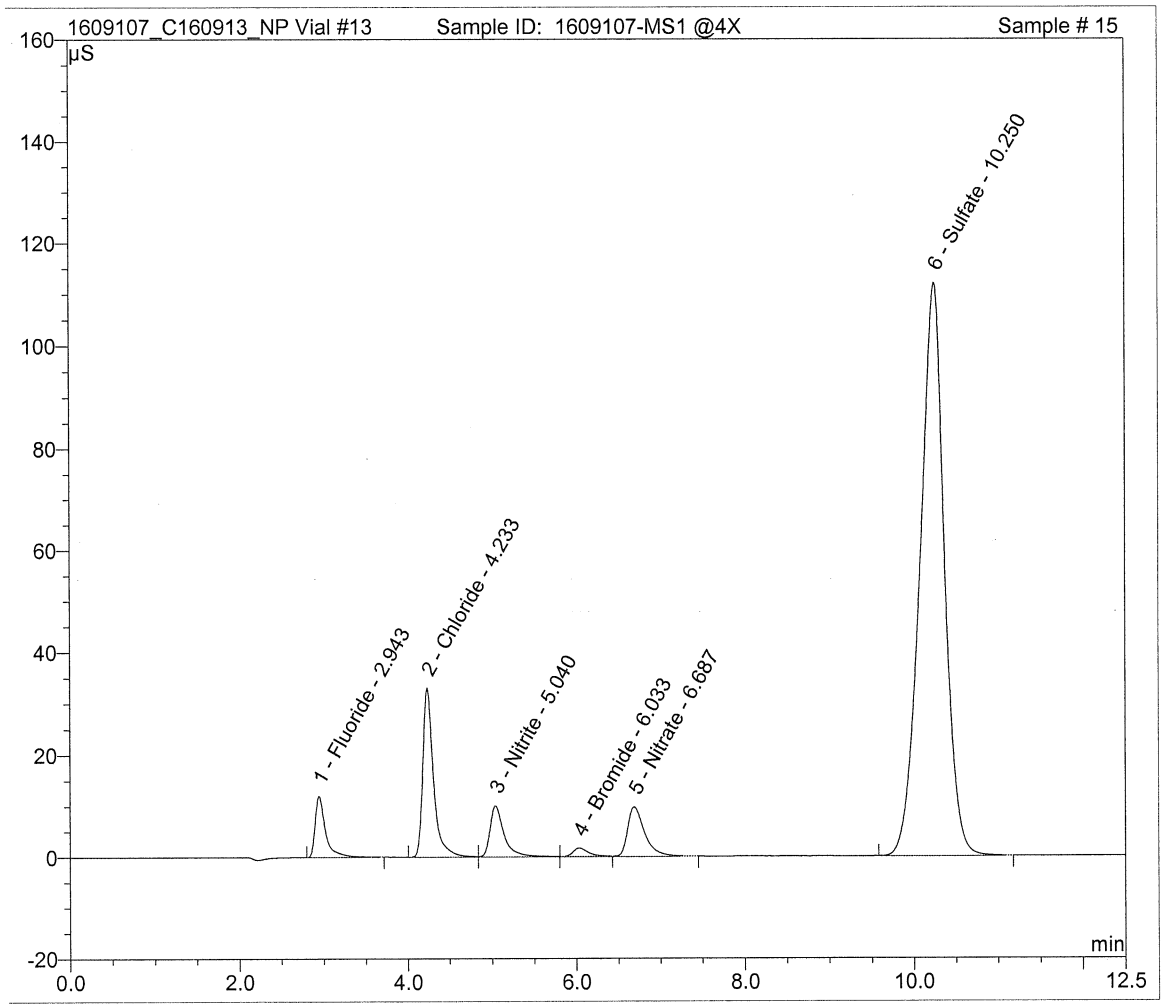
Sample Name:	**16090107-DUP1 @4X**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**12**
Inj. Date/Time:	**09.28.16 16:19**	*Run Number:*	**14**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	0.398	2.703	1.6015
2	4.22	Chloride	BMB	0.012	0.083	0.0688
3	10.23	Sulfate	BMB	32.797	100.349	187.9747



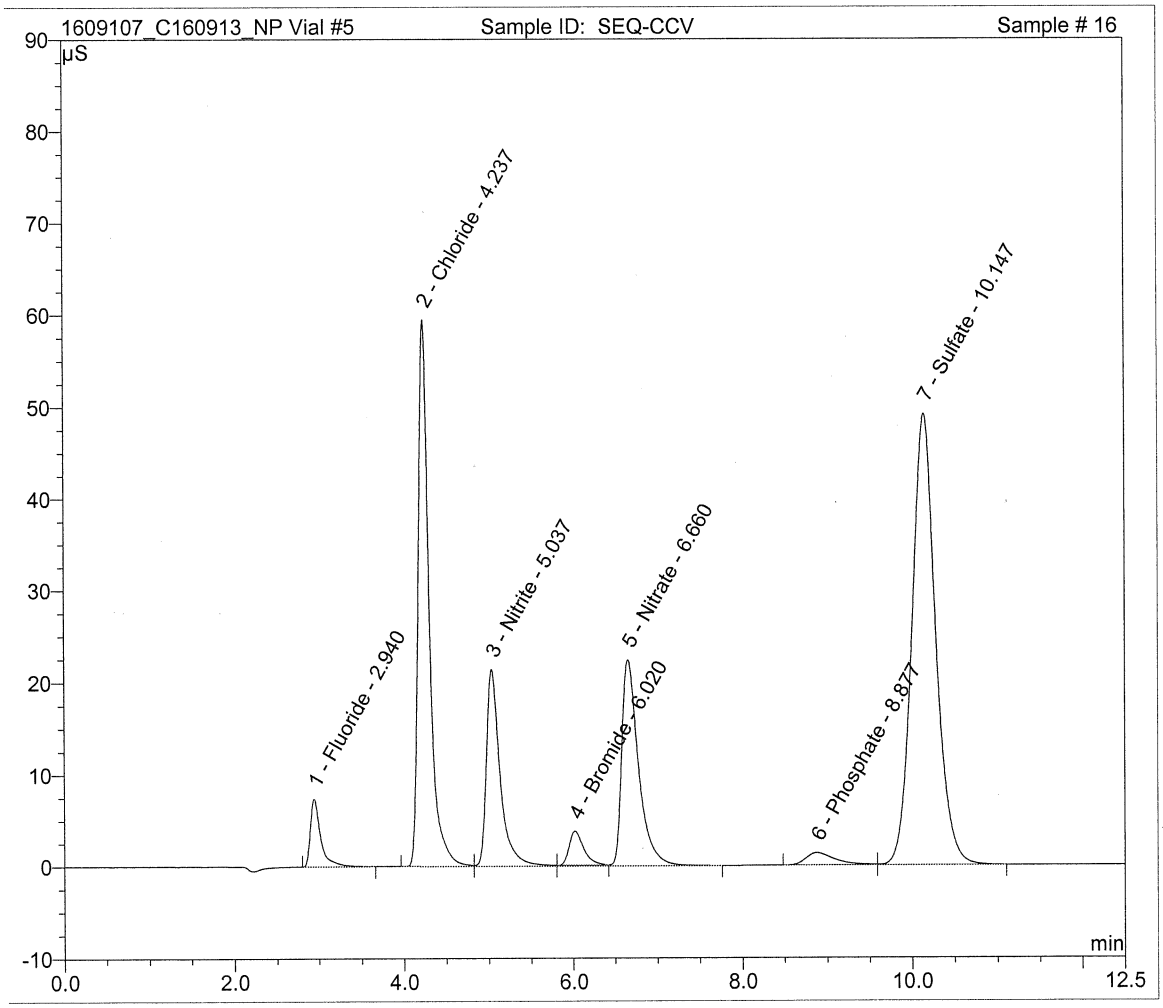
Sample Name:	**1609107-MS1 @4X**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**13**
Inj. Date/Time:	**09.28.16 16:34**	*Run Number:*	**15**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	1.731	12.005	6.3291
2	4.23	Chloride	BM	4.944	33.015	24.0623
3	5.04	Nitrite	M	1.933	10.028	4.7624
4	6.03	Bromide	Ru	0.336	1.646	4.5801
5	6.69	Nitrate	MB	2.305	9.733	4.7123
6	10.25	Sulfate	BMB	37.396	112.060	210.2477



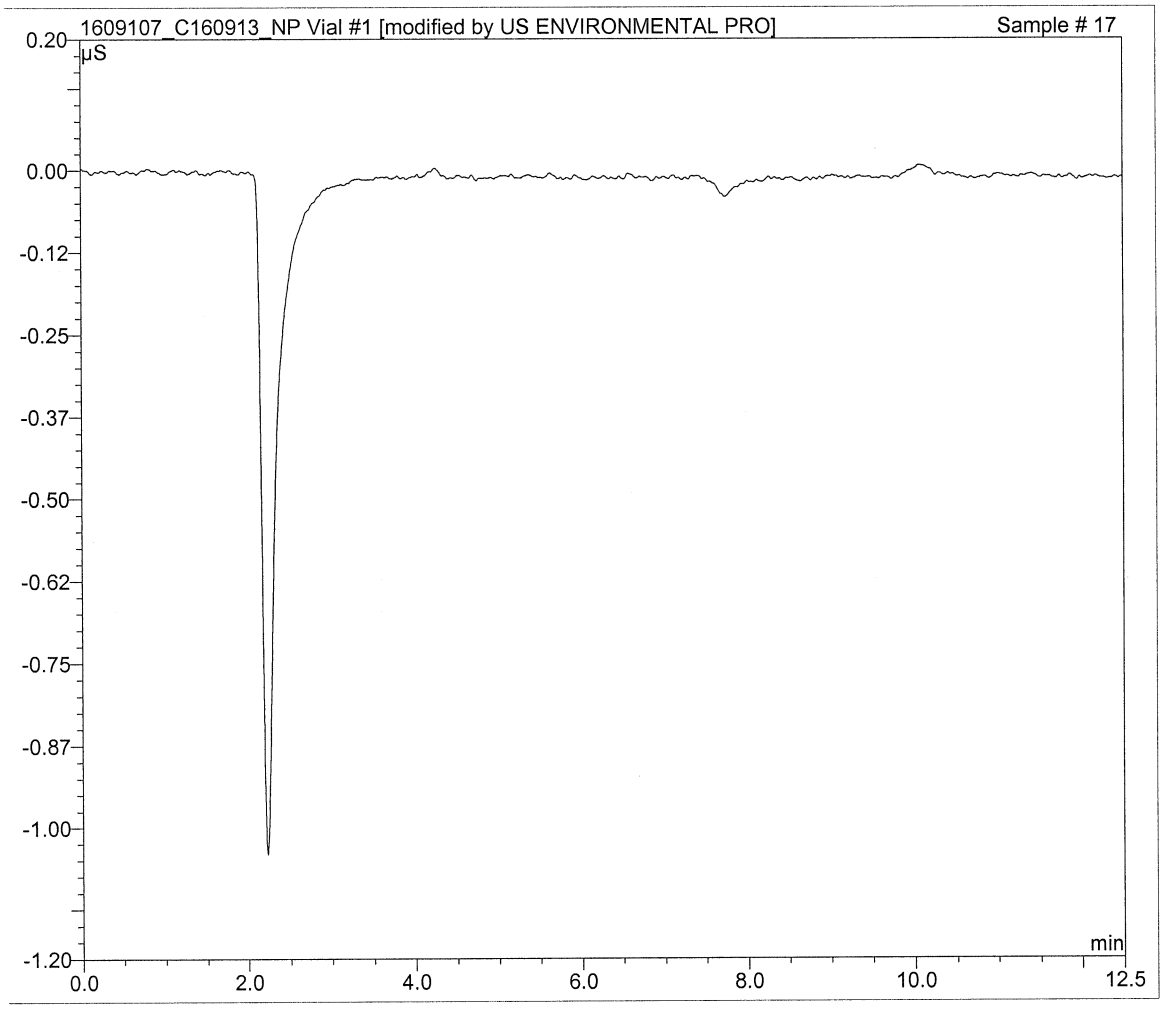
Sample Name:	**SEQ-CCV**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**5**
Inj. Date/Time:	**09.28.16 16:49**	*Run Number:*	**16**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	1.058	7.395	4.0453
2	4.24	Chloride	BM	8.782	59.478	39.9659
3	5.04	Nitrite	M	4.084	21.392	9.7409
4	6.02	Bromide	Ru	0.740	3.700	9.8349
5	6.66	Nitrate	MB	5.246	22.413	10.0860
6	8.88	Phosphate	BM	0.547	1.363	3.8255
7	10.15	Sulfate	MB	15.893	49.137	100.7260



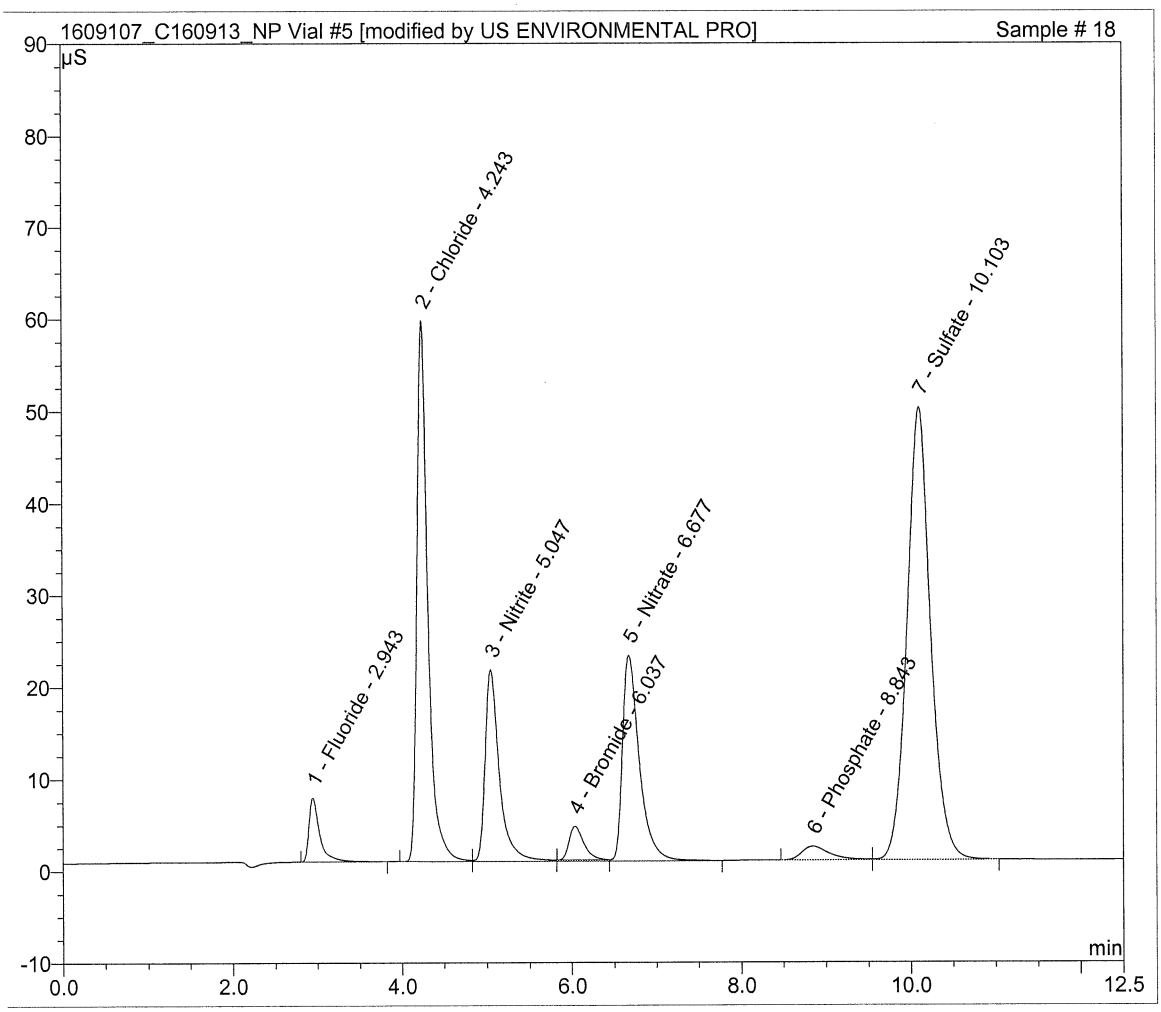
Sample Name:	**SEQ-CCB**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**1**
Inj. Date/Time:	**09.28.16 17:04**	*Run Number:*	**17**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



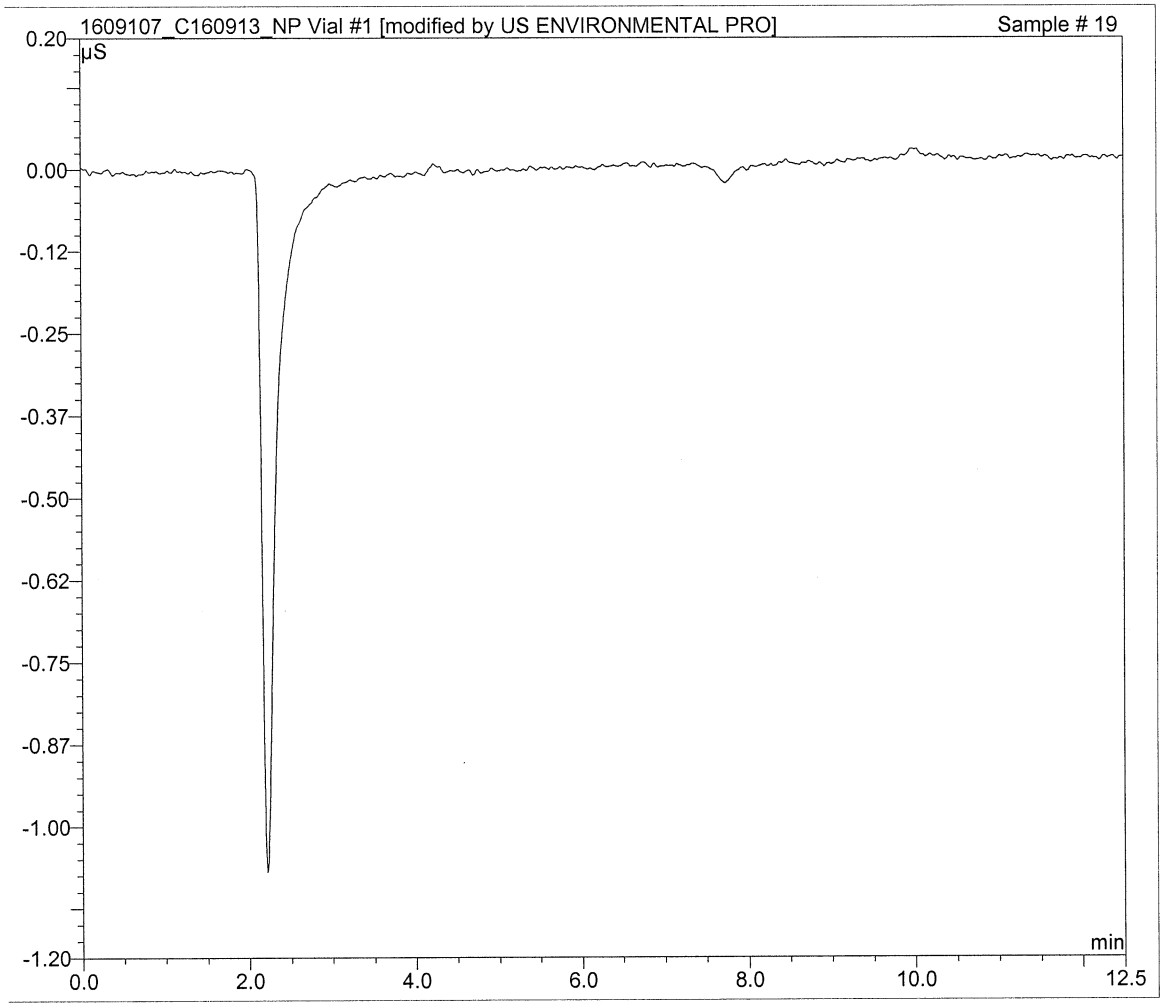
Sample Name:	**SEQ-CCV**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**5**
Inj. Date/Time:	**09.29.16 13:29**	*Run Number:*	**18**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	1.036	6.953	3.9693
2	4.24	Chloride	BM	8.752	58.752	39.8493
3	5.05	Nitrite	M	4.047	20.805	9.6574
4	6.04	Bromide	Ru	0.739	3.678	9.8194
5	6.68	Nitrate	MB	5.251	22.334	10.0954
6	8.84	Phosphate	BM	0.569	1.495	3.9653
7	10.10	Sulfate	MB	15.886	49.212	100.6910



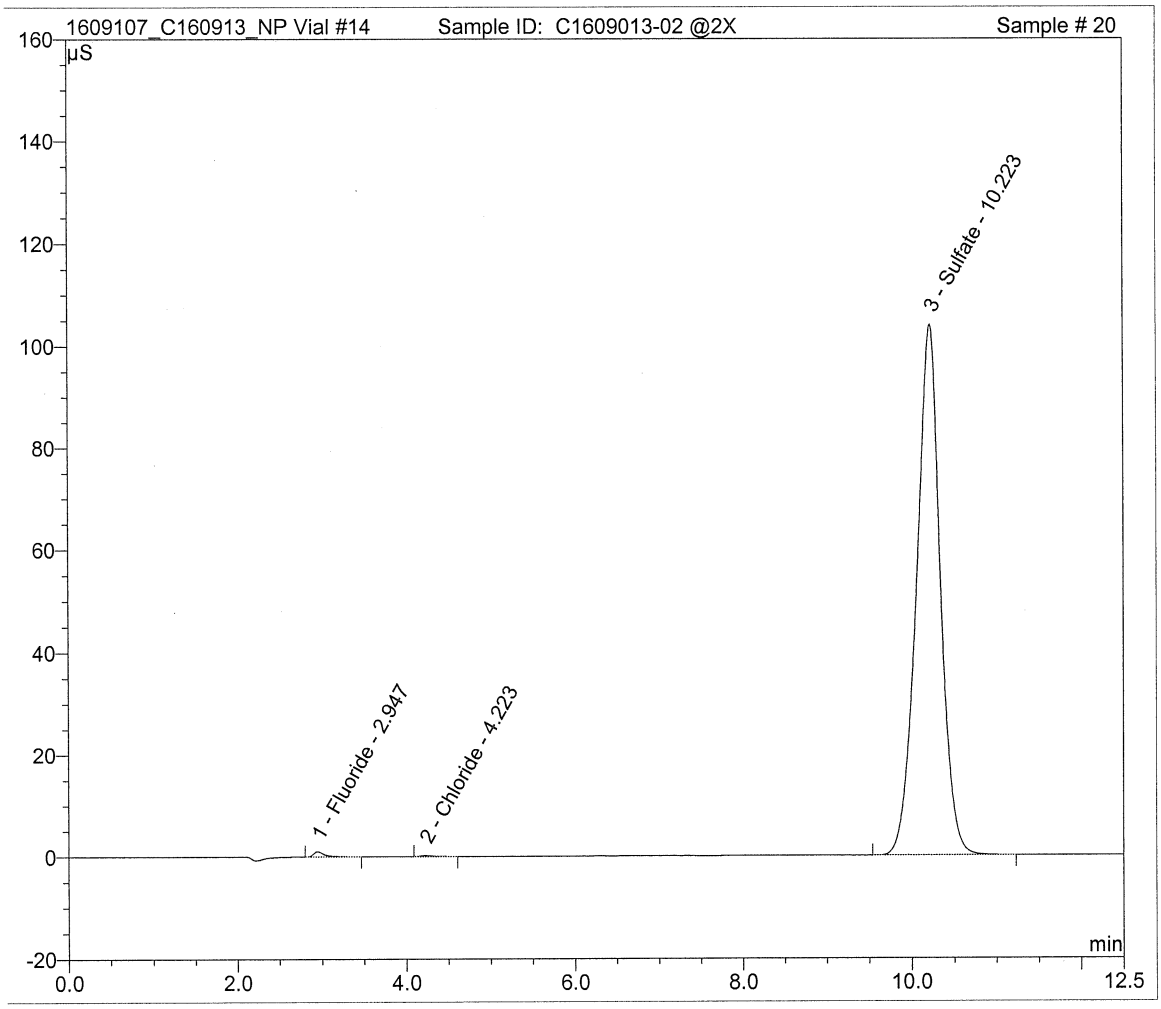
Sample Name:	**SEQ-CCB**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**1**
Inj. Date/Time:	**09.29.16 13:44**	*Run Number:*	**19**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



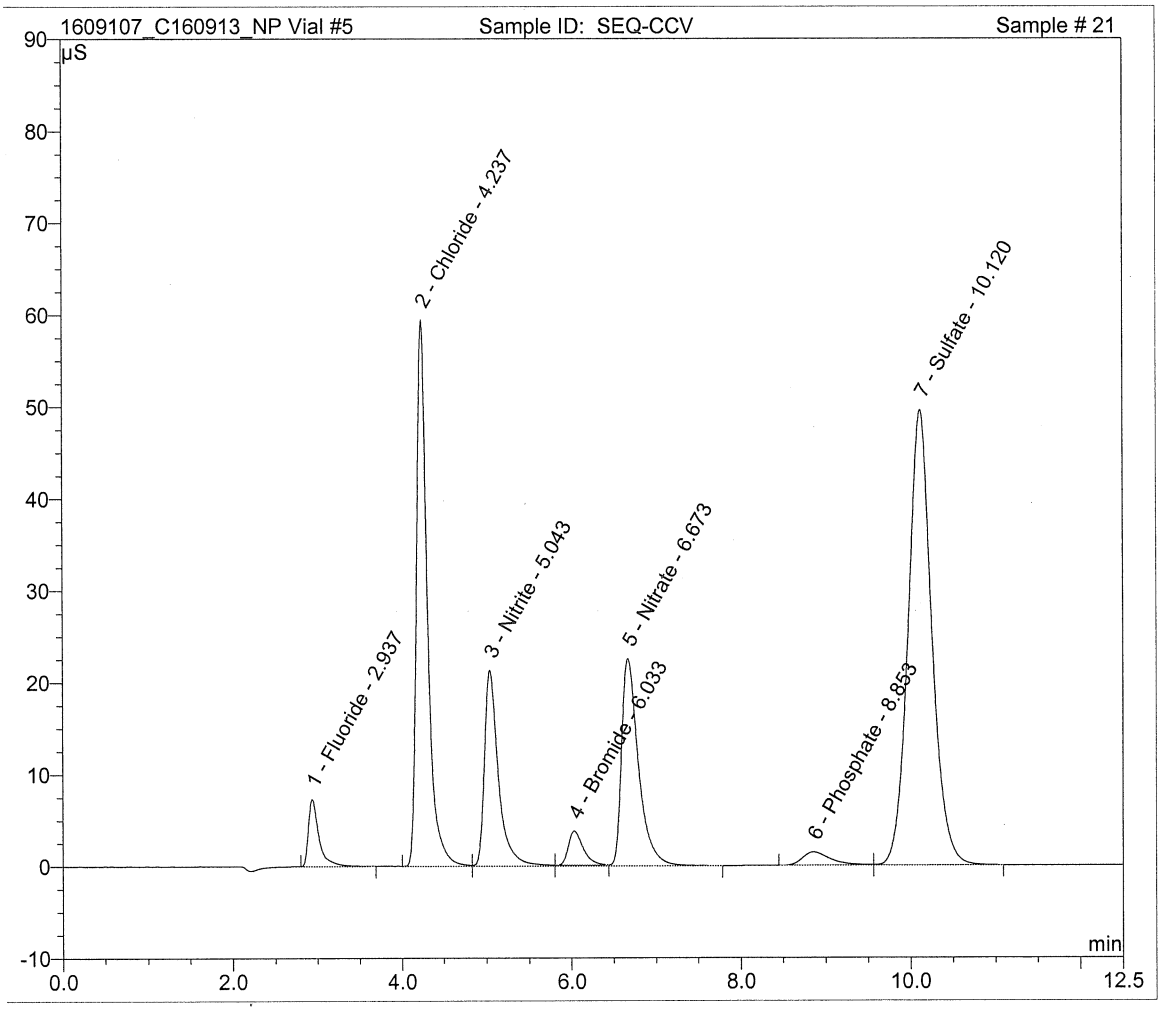
Sample Name:	**C1609013-02 @2X**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**14**
Inj. Date/Time:	**09.29.16 14:06**	*Run Number:*	**20**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.95	Fluoride	BMB	0.157	1.030	0.6438
2	4.22	Chloride	BMB	0.036	0.210	0.1980
3	10.22	Sulfate	BMB	33.654	103.997	192.1575



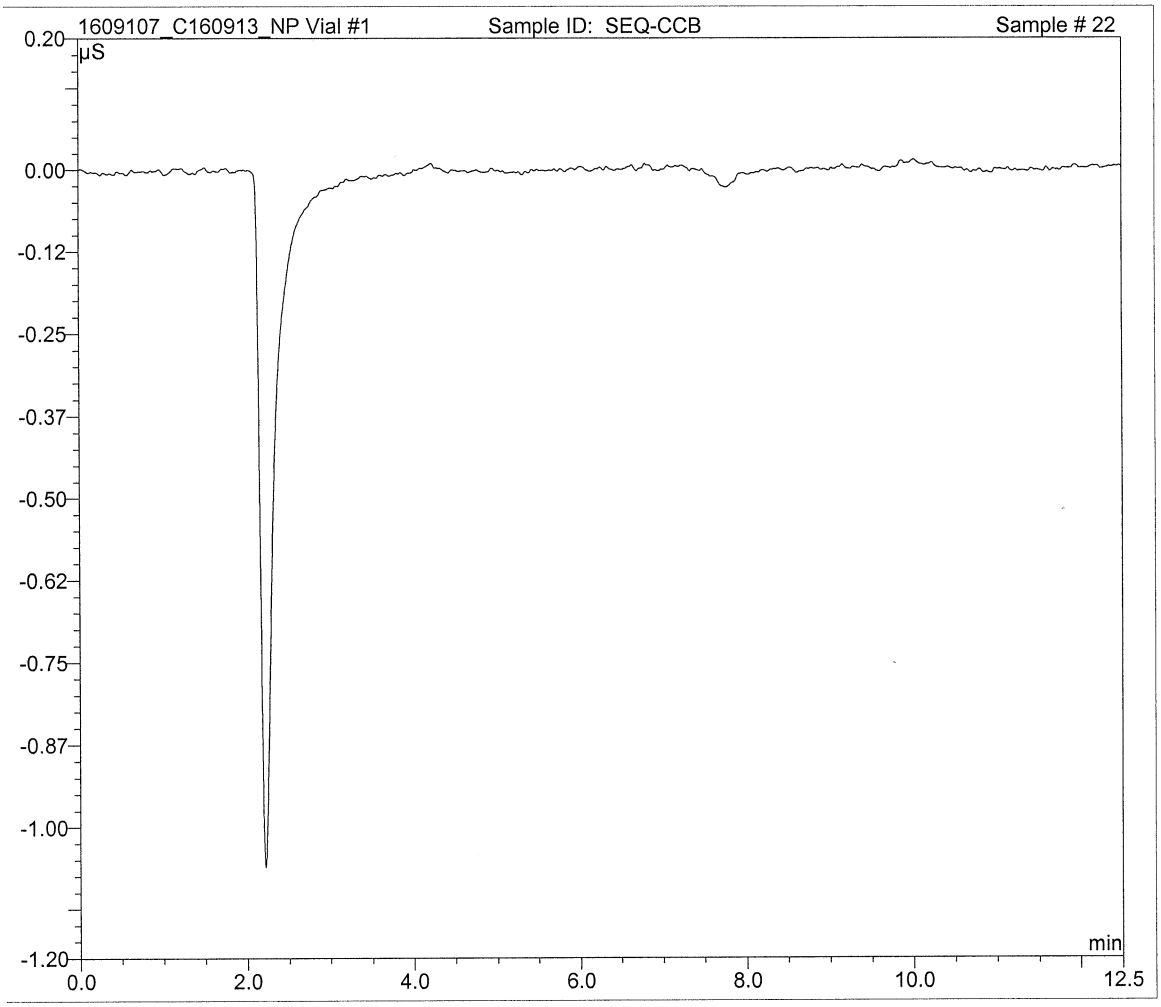
Sample Name:	**SEQ-CCV**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**5**
Inj. Date/Time:	**09.29.16 14:21**	*Run Number:*	**21**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	1.065	7.306	4.0716
2	4.24	Chloride	BM	8.908	59.460	40.4621
3	5.04	Nitrite	M	4.112	21.298	9.8070
4	6.03	Bromide	Ru	0.749	3.718	9.9499
5	6.67	Nitrate	MB	5.307	22.553	10.1918
6	8.85	Phosphate	BM	0.568	1.457	3.9570
7	10.12	Sulfate	MB	16.088	49.533	101.8109



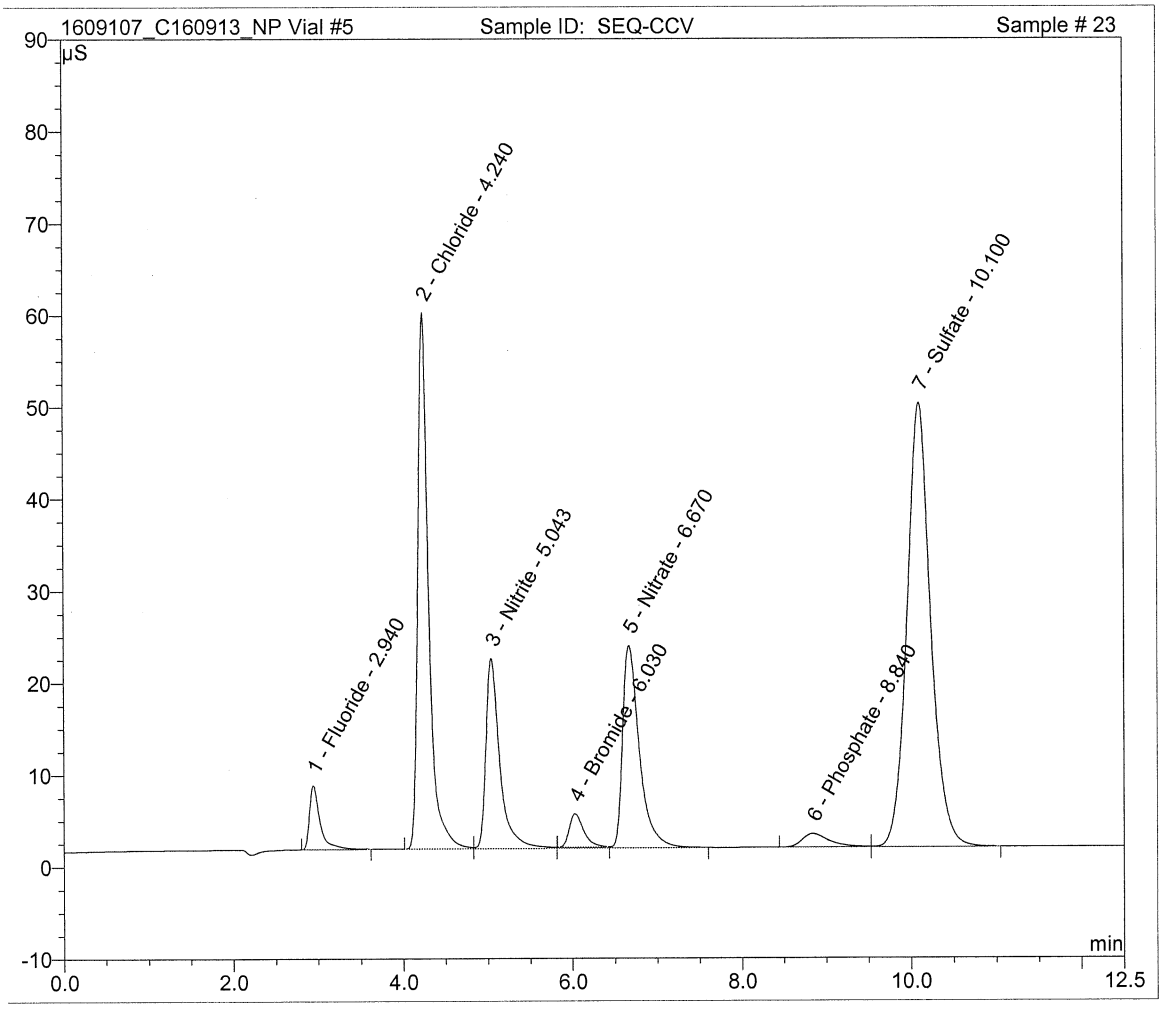
Sample Name:	**SEQ-CCB**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**1**
Inj. Date/Time:	**09.29.16 14:36**	*Run Number:*	**22**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



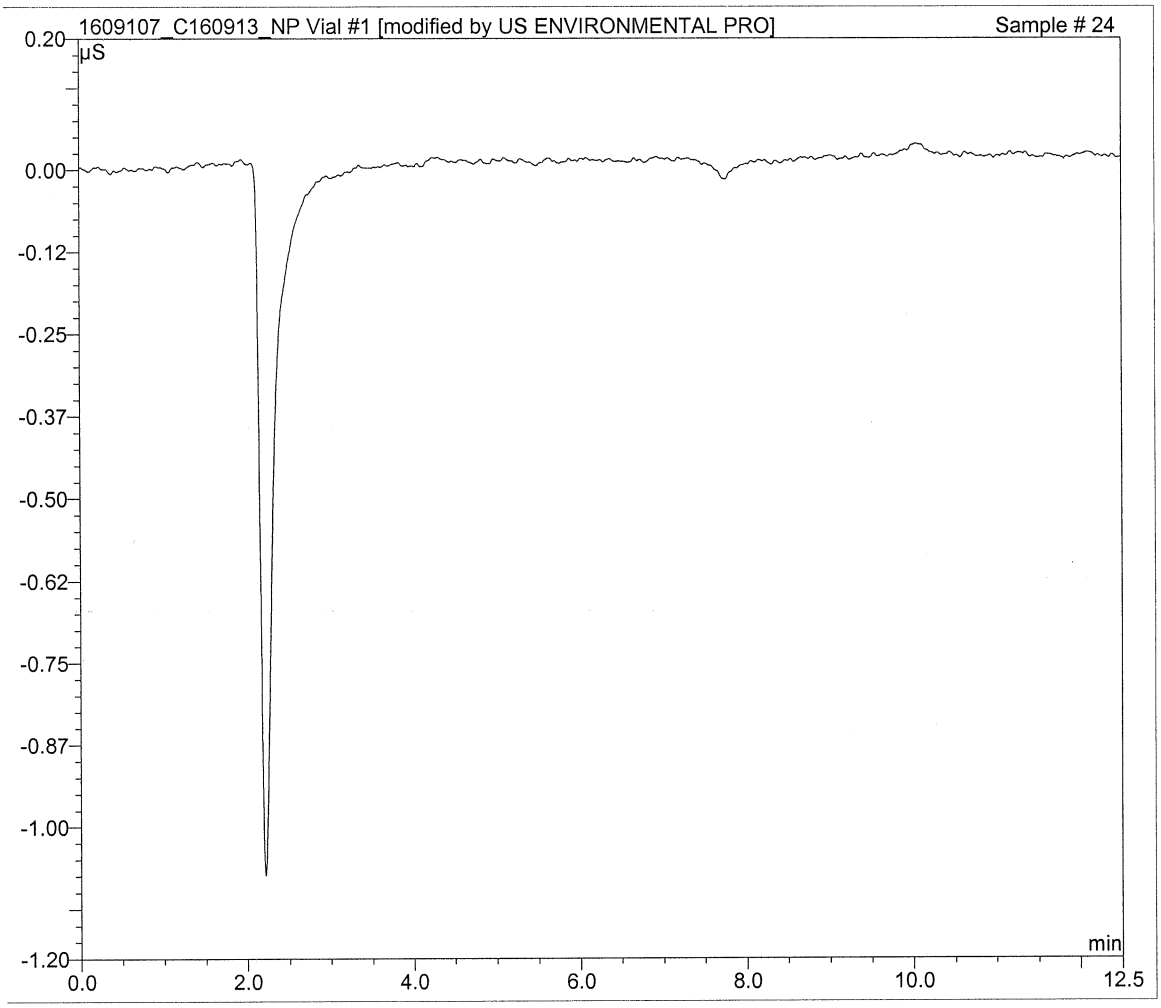
Sample Name:	**SEQ-CCV**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**5**
Inj. Date/Time:	**09.30.16 09:18**	*Run Number:*	**23**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	1.011	6.961	3.8780
2	4.24	Chloride	BM	8.586	58.312	39.1902
3	5.04	Nitrite	M	3.974	20.660	9.4903
4	6.03	Bromide	Ru	0.719	3.636	9.5753
5	6.67	Nitrate	MB	5.123	22.009	9.8724
6	8.84	Phosphate	BM	0.554	1.476	3.8686
7	10.10	Sulfate	MB	15.615	48.290	99.1821



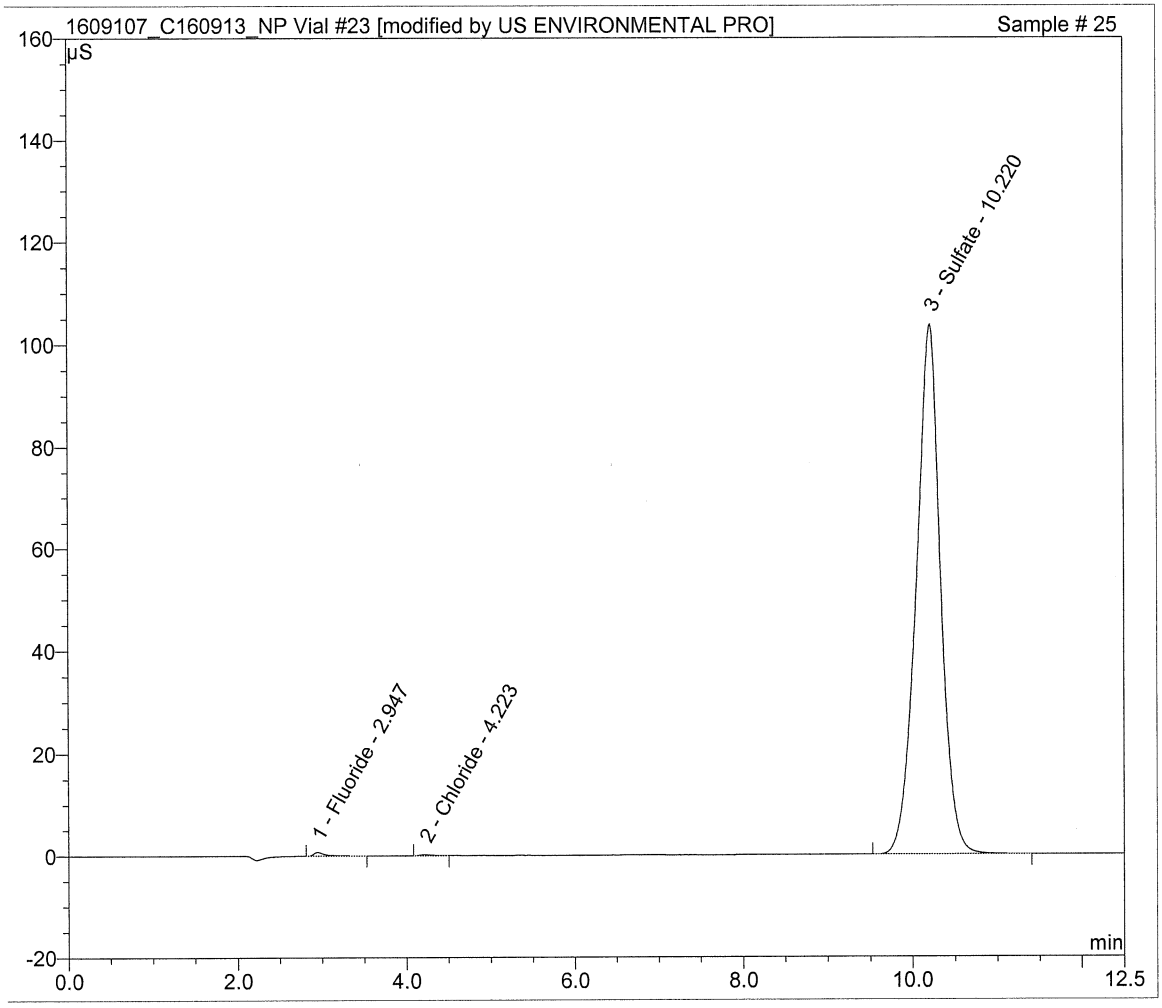
Sample Name:	**SEQ-CCB**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**1**
Inj. Date/Time:	**09.30.16 09:33**	*Run Number:*	**24**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



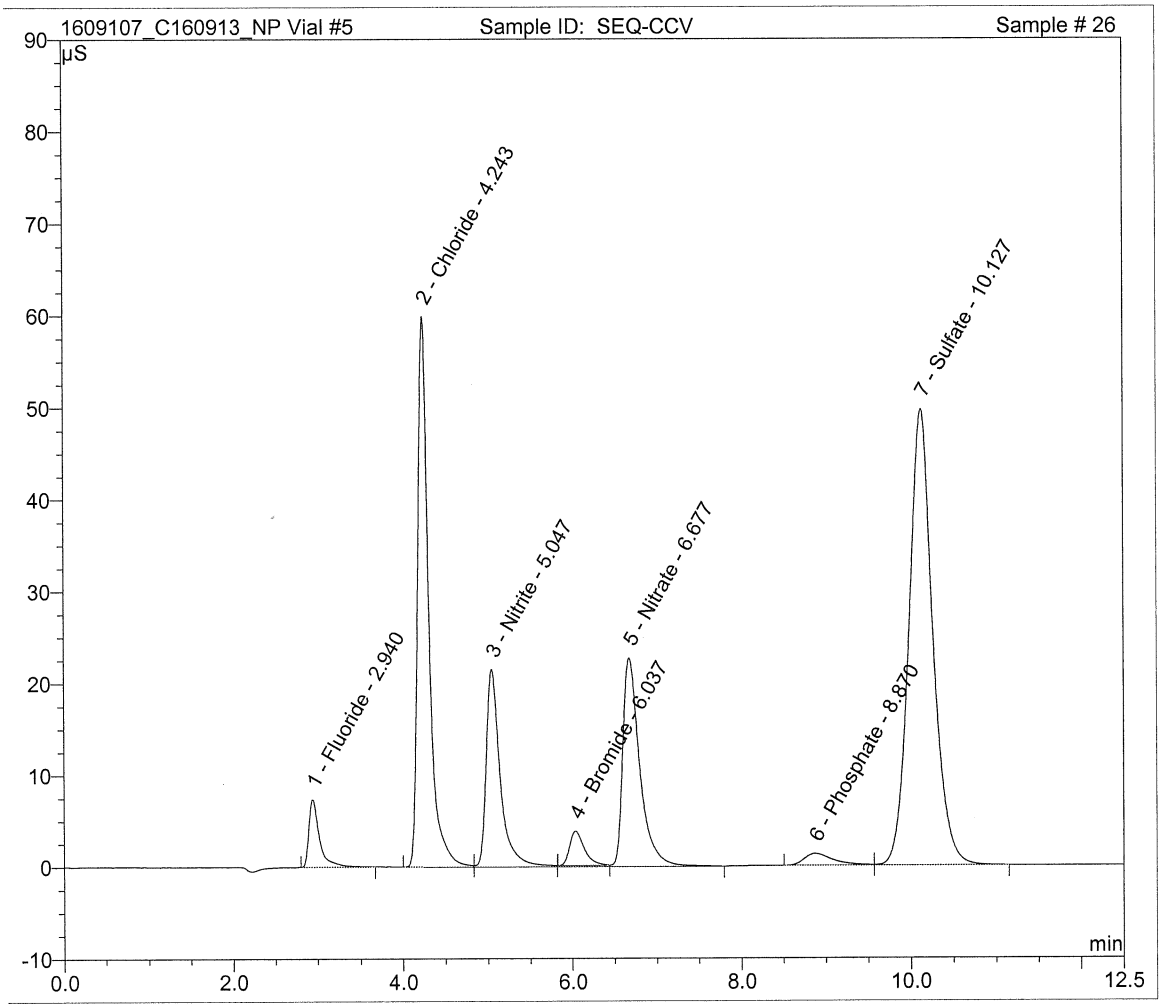
Sample Name:	**C160913-03 @2X**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**23**
Inj. Date/Time:	**09.30.16 11:03**	*Run Number:*	**25**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.95	Fluoride	BMB	0.121	0.740	0.4964
2	4.22	Chloride	BMB	0.031	0.202	0.1711
3	10.22	Sulfate	BMB*	34.428	103.739	195.9208



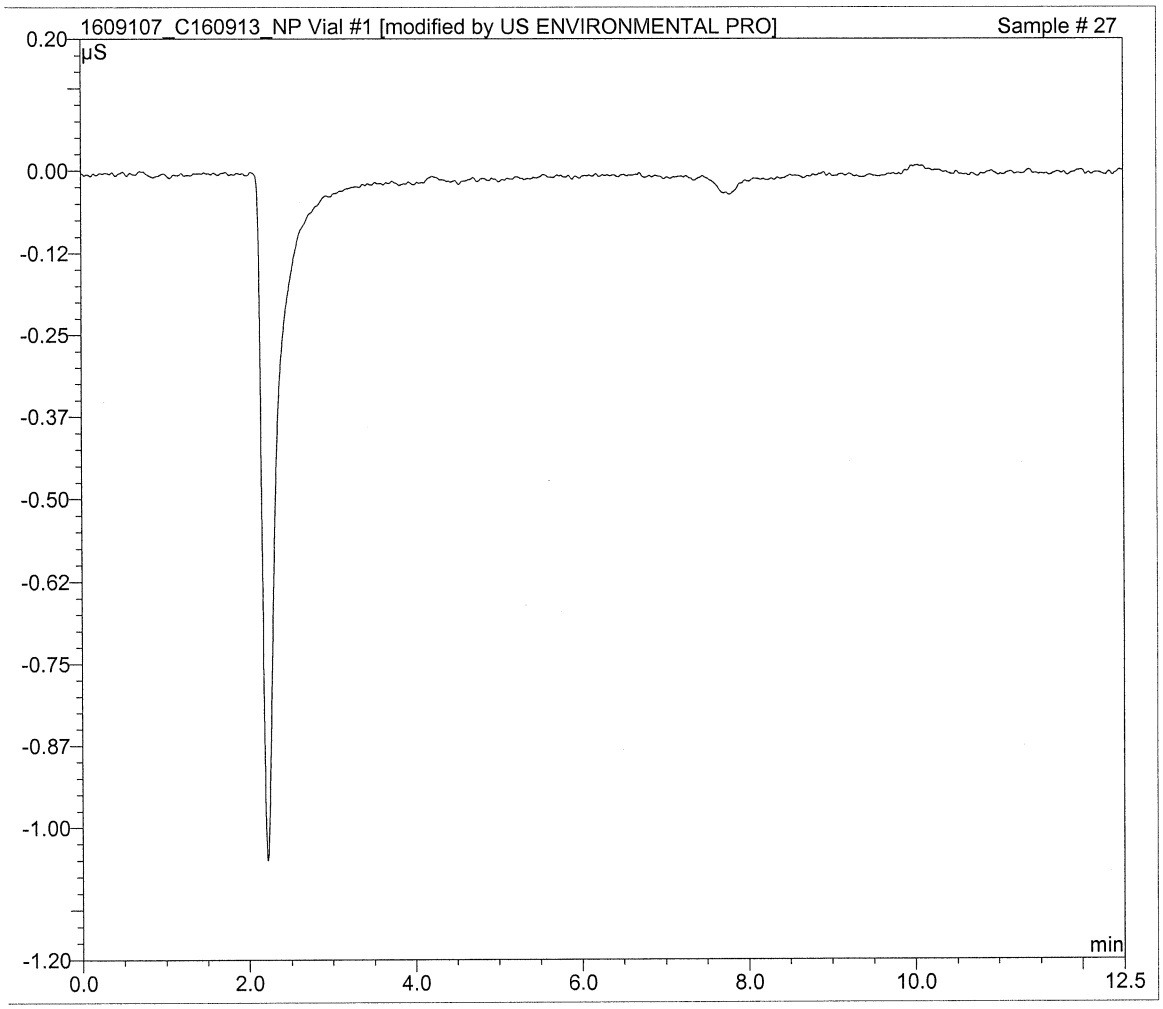
Sample Name:	**SEQ-CCV**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**5**
Inj. Date/Time:	**09.30.16 12:49**	*Run Number:*	**26**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L
1	2.94	Fluoride	BMB	1.073	7.373	4.0981
2	4.24	Chloride	BM	8.937	59.898	40.5790
3	5.05	Nitrite	M	4.136	21.467	9.8598
4	6.04	Bromide	Ru	0.746	3.725	9.9120
5	6.68	Nitrate	MB	5.351	22.683	10.2669
6	8.87	Phosphate	BM	0.529	1.305	3.7106
7	10.13	Sulfate	MB	16.163	49.636	102.2243



Sample Name:	**SEQ-CCB**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Anions Right**	*Vial #:*	**1**
Inj. Date/Time:	**09.30.16 13:04**	*Run Number:*	**27**

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount mg/L



Sample Name:	**STOP**	*Inj. Vol.:*	**25.0**
Sample Type:	**unknown**	*Dilution Factor:*	**1.0000**
Program:	**Program Stop**	*Vial #:*	**1**
Inj. Date/Time:	**09.29.16 14:48**	*Run Number:*	**28**

n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**

1609107_C160913_NP Vial #1 Sample ID: STOP Sample # 28

Can't open raw data file "C:\Chromel\data\Right_system\Sequences and Data\2016 ESAT\1609107_C160913_NP.SEQ\ECD_1.CHL\21936.acd".
The system cannot find the file specified.