

IC-8 9056A

09-16-19

Clear table

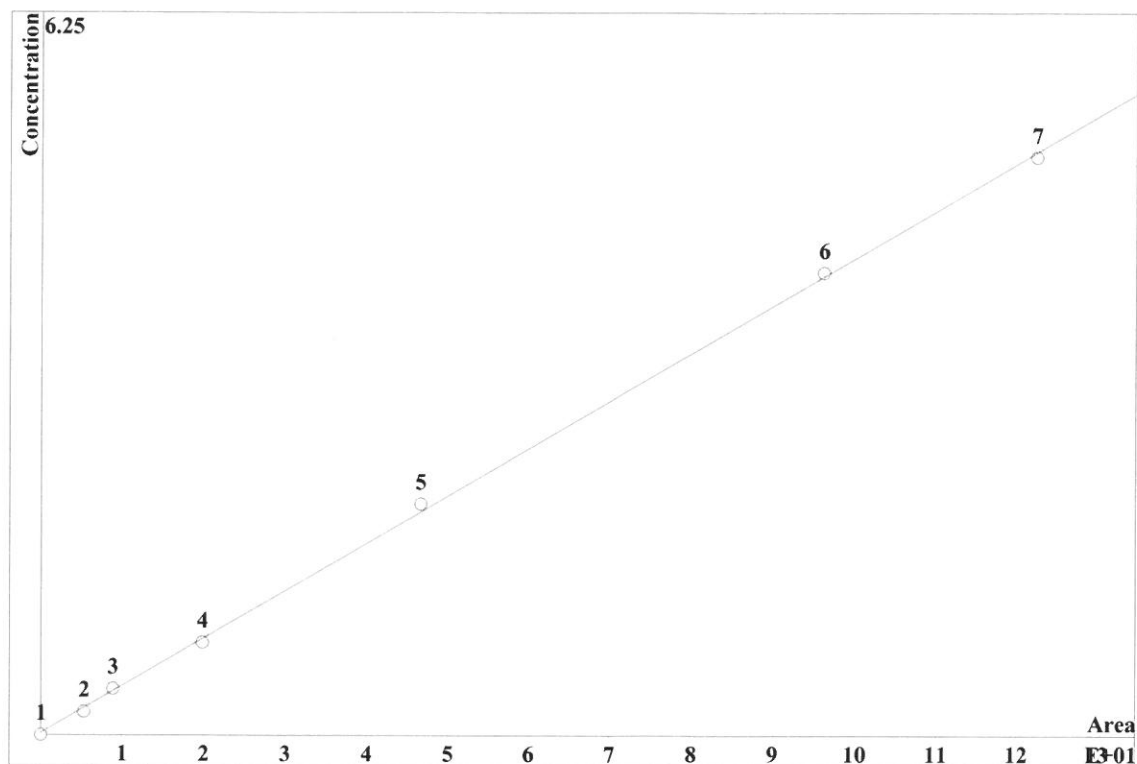
ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-11_	9/11/19 11:54		AK/AP
STD2	0.2370	0.3870	0.3840	1.3120	0.3250	0.3970	2.0250	2019-09-11_	9/11/19 12:24		AK/AP
STD3	0.3840	0.6650	0.6490	2.1980	0.5430	1.0120	3.2650	2019-09-11_	9/11/19 12:55		AK/AP
STD4	0.8350	1.1990	1.1920	3.9850	0.9960	2.1480	5.9770	2019-09-11_	9/11/19 13:26		AK/AP
STD5	1.9310	2.8310	2.8440	9.3900	2.3630	5.0000	14.1360	2019-09-11_	9/11/19 13:57		AK/AP
STD6	3.9680	5.8520	5.9090	19.6520	4.9100	9.8450	29.2610	2019-09-11_	9/11/19 14:28		AK/AP
STD7	5.0450	7.6660	7.6210	25.4620	6.3640	12.5980	38.3360	2019-09-11_	9/11/19 14:59		AK/AP
ICV	2.0100	2.8810	2.8880	9.5180	2.4230	5.1840	14.6160	2019-09-11_	9/11/19 15:30		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-11_	9/11/19 16:01		AK/AP
CCV	1.9960	2.9480	2.8810	9.5590	2.4120	5.2610	14.4360	2019-09-12_	9/12/19 15:53		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-12_	9/12/19 16:24		AK/AP
LB105144BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-12_	9/12/19 16:55		AK/AP
LB105144BSW	1.9990	2.9270	2.9330	9.6510	2.4250	5.3490	14.4950	2019-09-12_	9/12/19 17:26		AK/AP
K4843-06	1.5250	281.9370	0.0000	9.3340	0.0000	0.0000	100.7180	2019-09-12_	9/12/19 17:57		AK/AP
K4843-12	0.0000	30.5010	0.0000	0.0000	14.0590	3.0570	0.0000	2019-09-12_	9/12/19 18:28		AK/AP
K4843-16	0.0000	0.0000	0.7900	0.0000	0.0000	0.0000	0.0000	2019-09-12_	9/12/19 18:59		AK/AP
K4843-06DLX5	0.3260	49.3990	0.0000	2.0490	0.0000	0.0000	17.6910	2019-09-12_	9/12/19 19:29		AK/AP
K4843-06DL2X50	0.0000	3.9630	0.0000	0.0000	0.0000	0.0000	2.1330	2019-09-12_	9/12/19 20:00		AK/AP
K4843-12DLX5	0.0000	5.4640	0.0000	0.0000	2.5100	0.5300	0.0000	2019-09-12_	9/12/19 20:31		AK/AP
CCV	1.9460	2.9420	2.9180	9.6700	2.4680	5.3090	14.5330	2019-09-12_	9/12/19 21:02		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-12_	9/12/19 21:33		AK/AP

CALIBRATION OF COMPONENT F-

IC-1 cal

Method: ANIONS 09-11-19.mtw
Equation: $Q = 0.821033 \cdot A + 0.364372$
RSD: 2.494 %
Correlation coefficient: 0.999737

9-11-19 AR



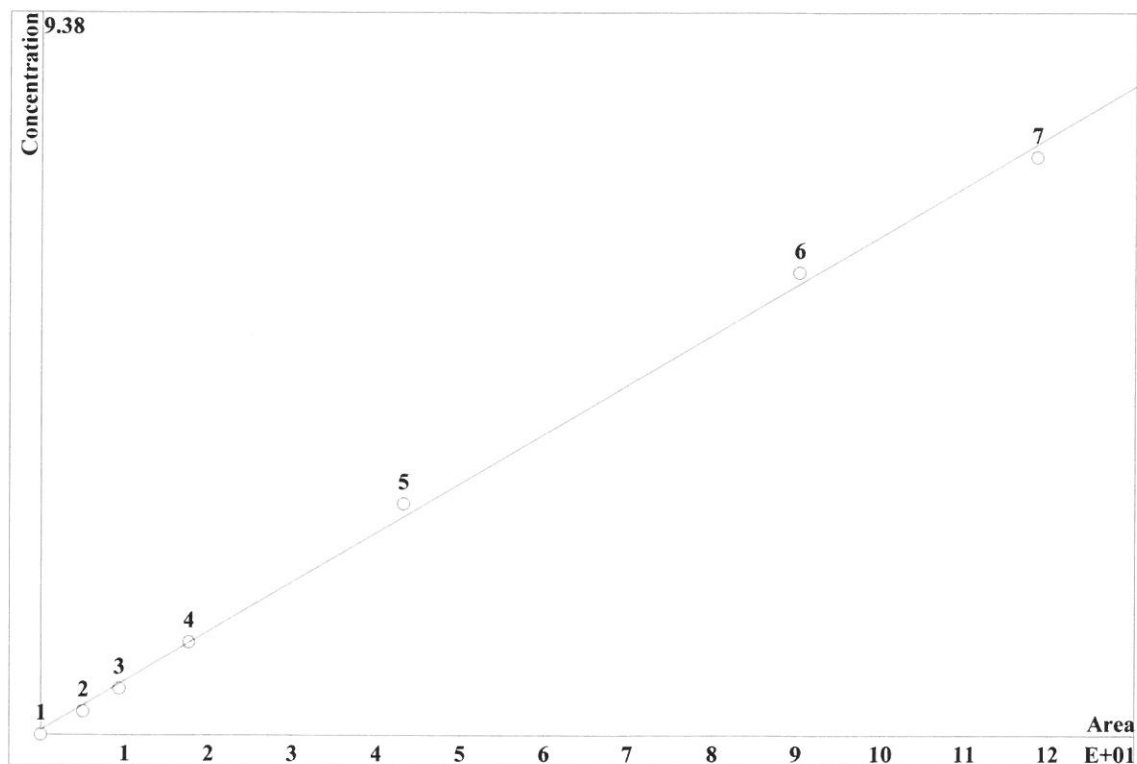
K3 = 0 K2 = 0 K1 = 0.821033 K0 = 0.364372

Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2551	5.321	0.2	20	5.943		Yes
3	0.5016	8.91	0.4	20	5.943		Yes
4	1.1	19.9	0.8	20	5.943		Yes
5	3	46.6	2	20	5.943		Yes
6	6.637	96.22	4	20	5.943		Yes
7	8.822	122.5	5	20	5.943		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 09-11-19.mtw
 Equation: $Q = 1.28218 \cdot A + 1.24047$
 RSD: 4.831 %
 Correlation coefficient: 0.999013



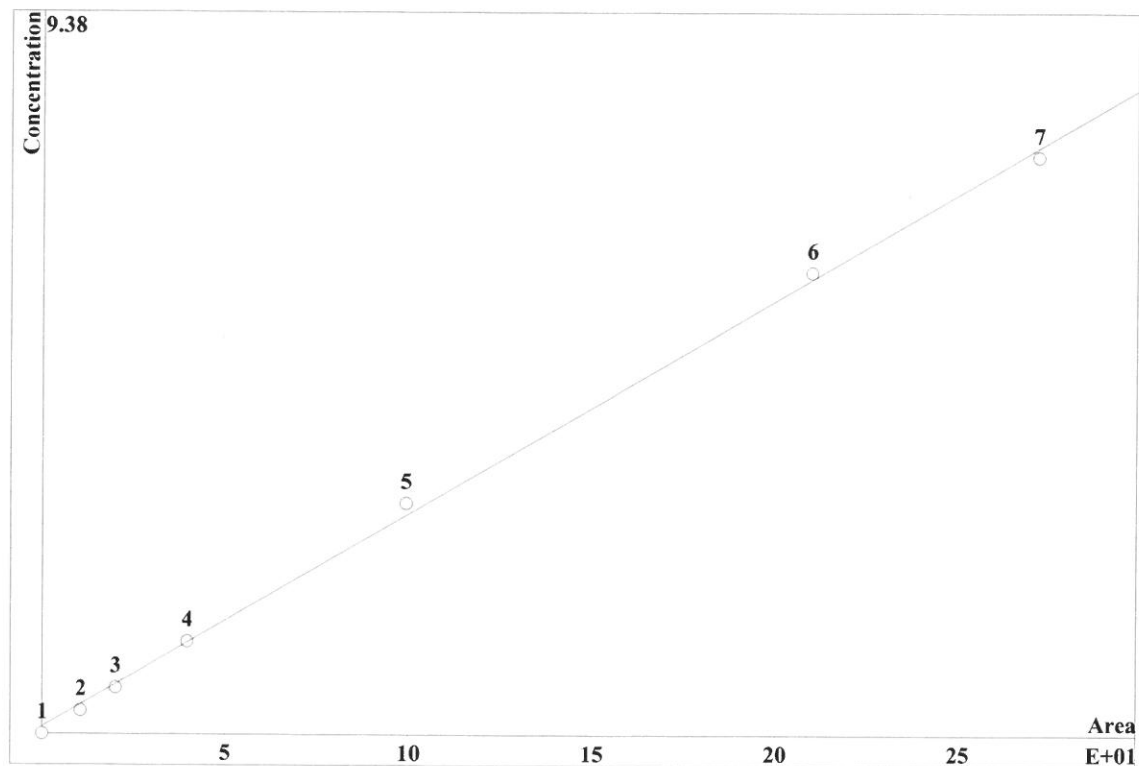
K3 = 0 K2 = 0 K1 = 1.28218 K0 = 1.24047

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.3214	5.069	0.3	20	8.829		Yes
3	0.5935	9.405	0.6	20	8.829		Yes
4	1.171	17.74	1.2	20	8.829		Yes
5	2.904	43.2	3	20	8.829		Yes
6	6.207	90.31	6	20	8.829		Yes
7	8.164	118.6	7.5	20	8.829		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 09-11-19.mtw
 Equation: $Q = 0.554364 \cdot A + 1.90063$
 RSD: 3.841 %
 Correlation coefficient: 0.999376



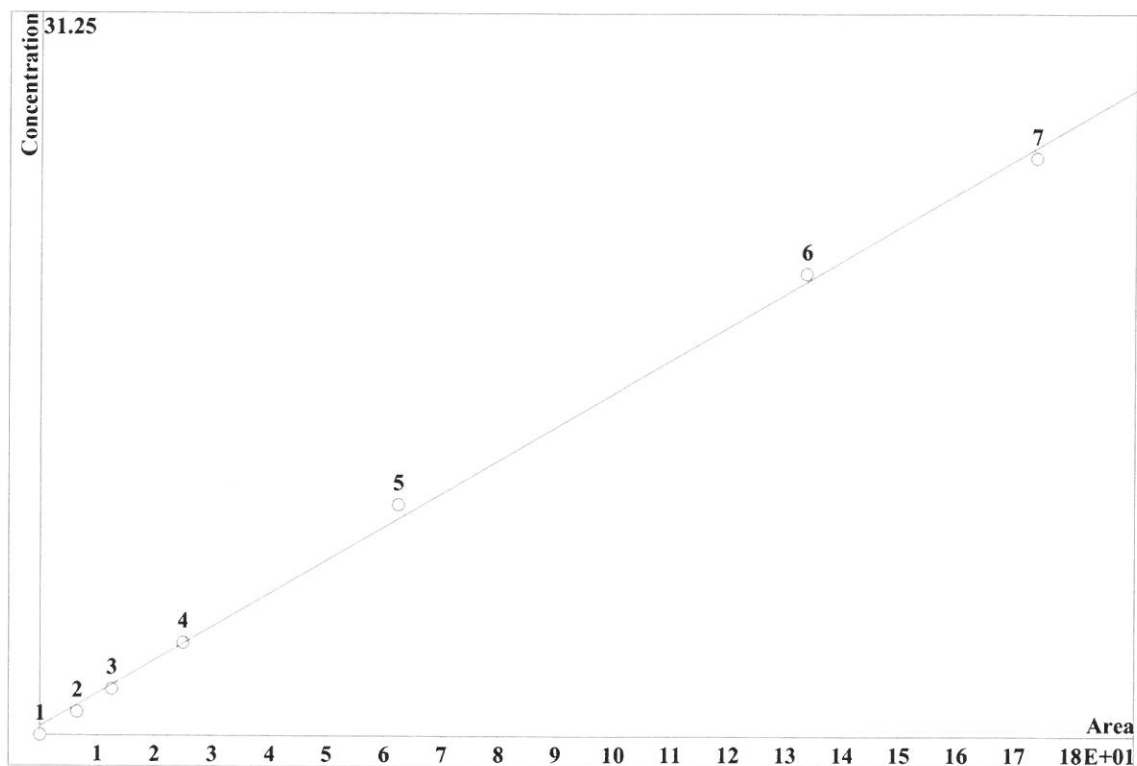
K3 = 0 K2 = 0 K1 = 0.554364 K0 = 1.90063

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.5652	10.44	0.3	20	10.66			Yes
3	1.074	19.98	0.6	20	10.66			Yes
4	2.165	39.57	1.2	20	10.66			Yes
5	5.397	99.19	3	20	10.66			Yes
6	11.17	209.8	6	20	10.66			Yes
7	14.37	271.5	7.5	20	10.66			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 09-11-19.mtw
 Equation: $Q = 2.88696 \cdot A + 7.64928$
 RSD: 4.442 %
 Correlation coefficient: 0.999166



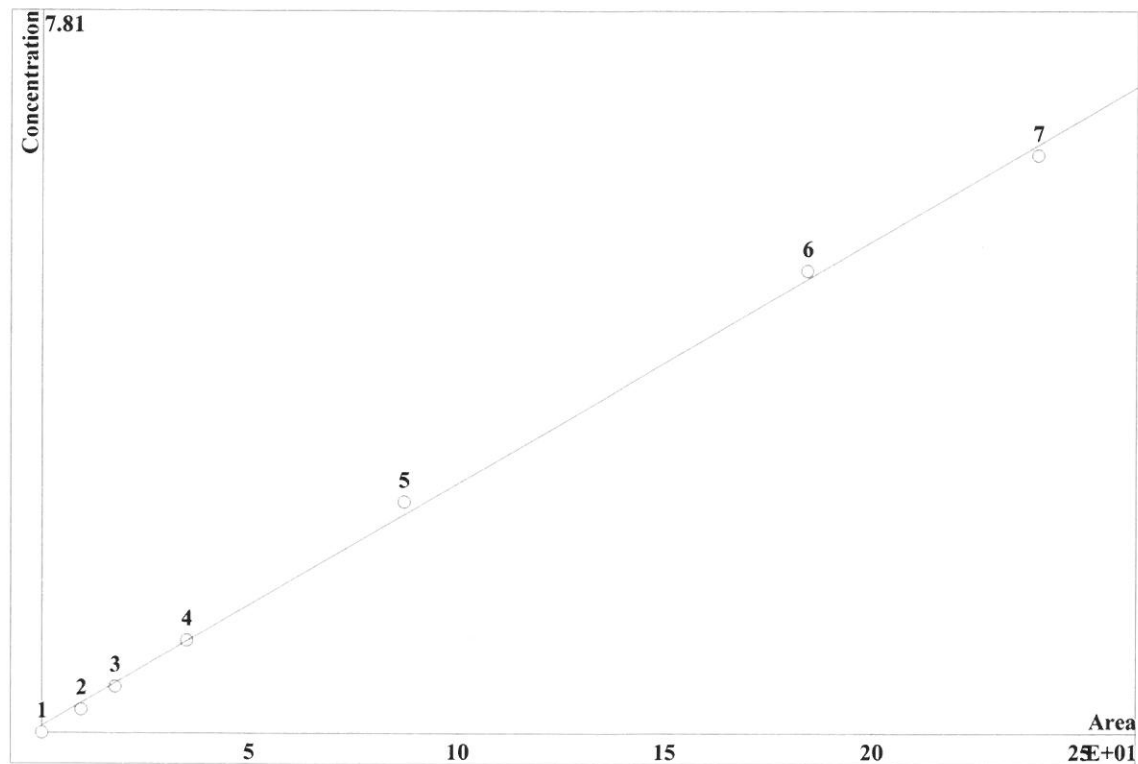
K3 = 0 K2 = 0 K1 = 2.88696 K0 = 7.64928

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.2907	6.439	1	20	13.72			Yes
3	0.5549	12.58	2	20	13.72			Yes
4	1.122	24.96	4	20	13.72			Yes
5	2.84	62.4	10	20	13.72			Yes
6	6.118	133.5	20	20	13.72			Yes
7	8.011	173.7	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 09-11-19.mtw
 Equation: $Q = 0.524779 \cdot A + 1.52257$
 RSD: 4.212 %
 Correlation coefficient: 0.999250



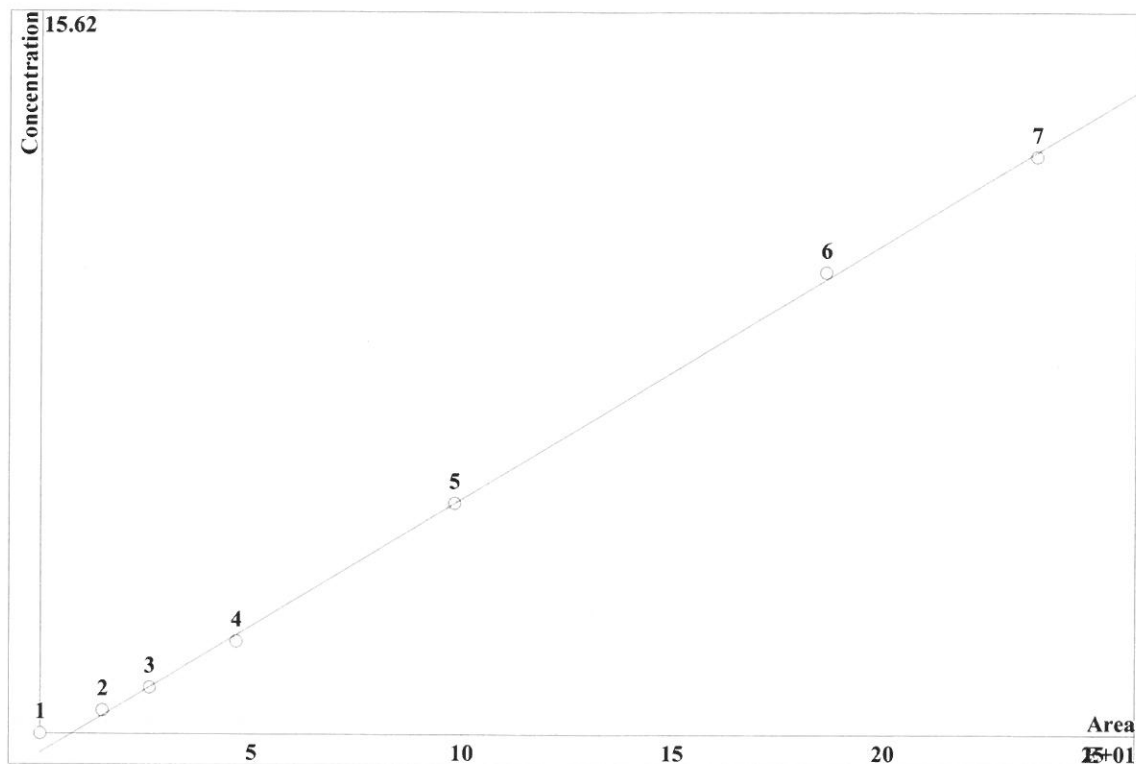
K3 = 0 K2 = 0 K1 = 0.524779 K0 = 1.52257

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.3397	9.489	0.25	20	15.85	Yes	
3	0.6435	17.78	0.5	20	15.85	Yes	
4	1.284	35.05	1	20	15.85	Yes	
5	3.191	87.15	2.5	20	15.85	Yes	
6	6.794	184.2	5	20	15.85	Yes	
7	8.907	239.6	6.25	20	15.85	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 09-11-19.mtw
 Equation: $Q = 1.1014 \cdot A - 8.20097$
 RSD: 2.490 %
 Correlation coefficient: 0.999738



K3 = 0 K2 = 0 K1 = 1.1014 K0 = -8.20097

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

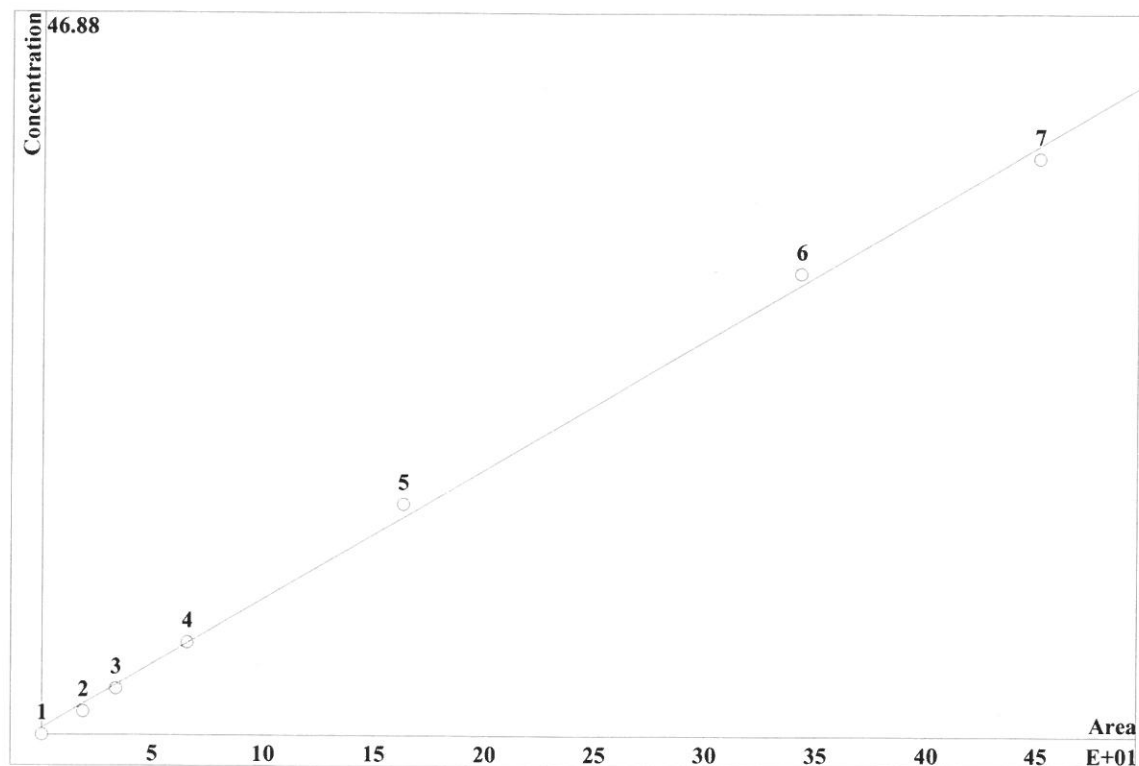
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.3285	14.66	0.5	20	21.46		Yes
3	0.594	25.82	1	20	21.46		Yes
4	1.103	46.45	2	20	21.46		Yes
5	2.428	98.23	5	20	21.46		Yes
6	4.756	186.2	10	20	21.46		Yes
7	6.103	236.2	12.5	20	21.46		Yes

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CALIBRATION OF COMPONENT SO4

Method: ANIONS 09-11-19.mtw
 Equation: $Q = 1.68205 \cdot A + 8.86802$
 RSD: 4.931 %
 Correlation coefficient: 0.998972



K3 = 0 K2 = 0 K1 = 1.68205 K0 = 8.86802

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.5148	18.8	1.5	20	24.69		Yes
3	0.9449	33.55	3	20	24.69		Yes
4	1.879	65.79	6	20	24.69		Yes
5	4.708	162.8	15	20	24.69		Yes
6	10.1	342.7	30	20	24.69		Yes
7	13.2	450.6	37.5	20	24.69		Yes

Report date: 9/16/2019 10:46:39 AM
Printed by: wet

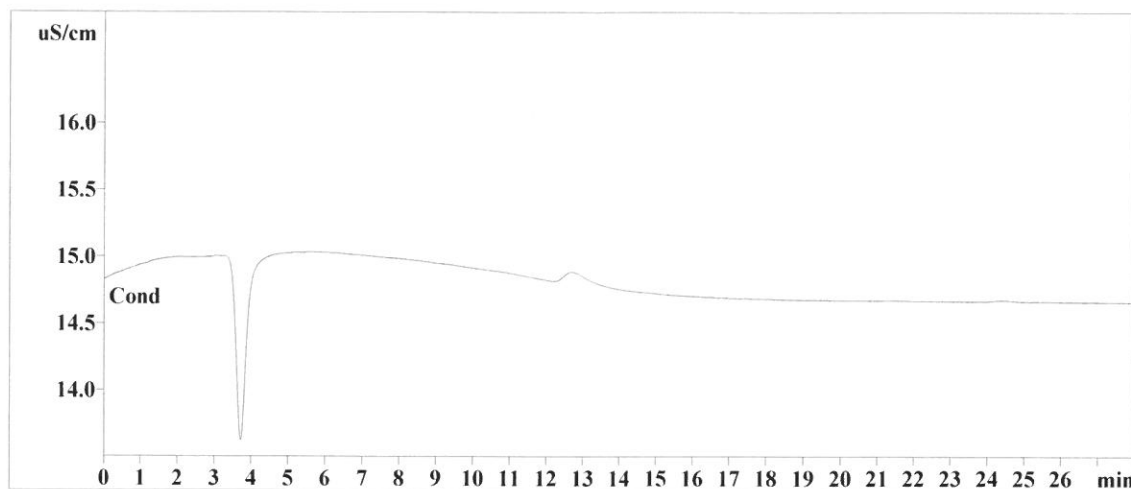
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File: _2019-09-11_

Last save: 9/11/2019 3:39:40 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68587

Last save: 9/11/2019 12:31:40 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 9/16/2019 10:46:47 AM
Printed by: wet

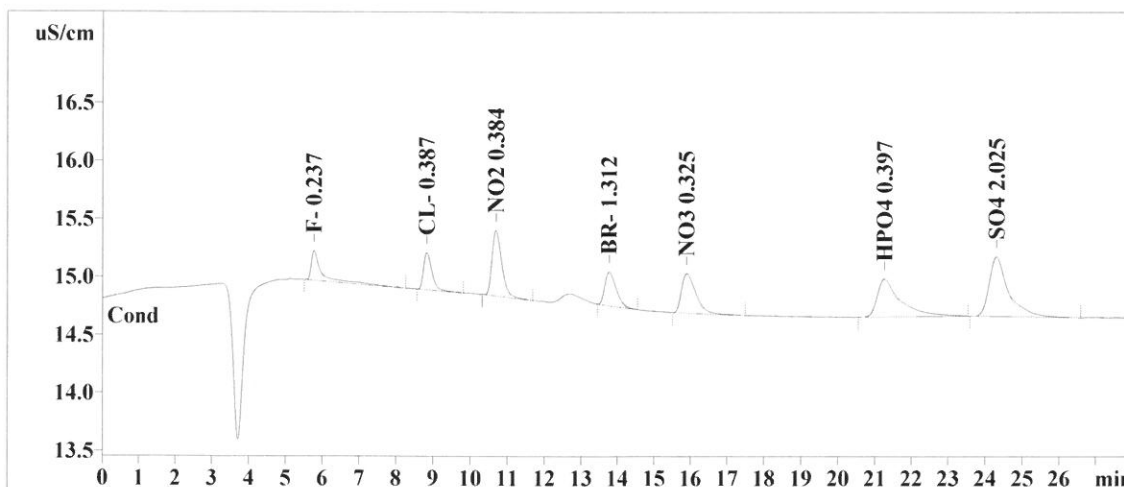
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File: _2019-09-11_

Last save: 9/11/2019 3:39:40 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68588

Last save: 9/11/2019 12:31:40 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.209	0.25	9.74	5.321	7.58	0.
2	8.83	0.236	0.32	12.26	5.069	7.22	0.
3	10.68	0.277	0.56	21.60	10.439	14.87	0.
4	13.76	0.345	0.29	11.09	6.439	9.17	0.
5	15.89	0.420	0.34	12.97	9.489	13.51	0.
6	21.25	0.562	0.33	12.53	14.663	20.88	0.
7	24.30	0.481	0.51	19.67	18.804	26.78	0.
7	28.00	0.361	2.61	99.86	70.225	100.00	0.

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Report date: 9/16/2019 10:46:56 AM
Printed by: wet

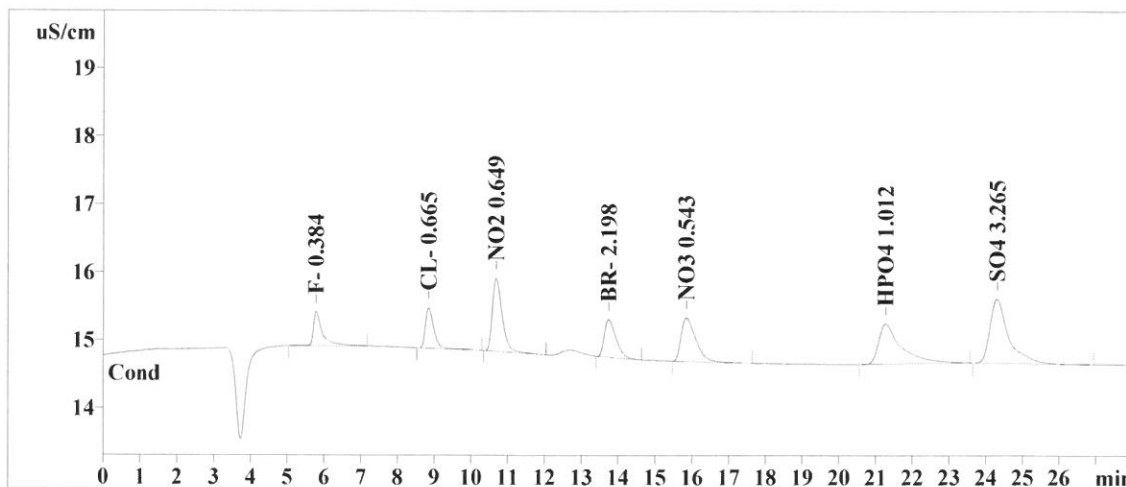
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Analysis from: 9/11/2019 12:55:50 PM
File: _2019-09-11_

Last save: 9/11/2019 3:39:40 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68589

Last save: 9/11/2019 12:31:40 PM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.78	0.216	0.50	10.22	8.910	6.96	0.
2	8.85	0.230	0.59	12.08	9.405	7.35	0.
3	10.68	0.276	1.07	21.88	19.979	15.61	0.
4	13.73	0.350	0.55	11.31	12.578	9.82	0.
5	15.84	0.421	0.64	13.11	17.783	13.89	0.
6	21.27	0.542	0.59	12.09	25.819	20.17	0.
7	24.30	0.468	0.94	19.25	33.551	26.21	0.
7	28.00	0.358	4.90	99.93	128.026	100.00	0.

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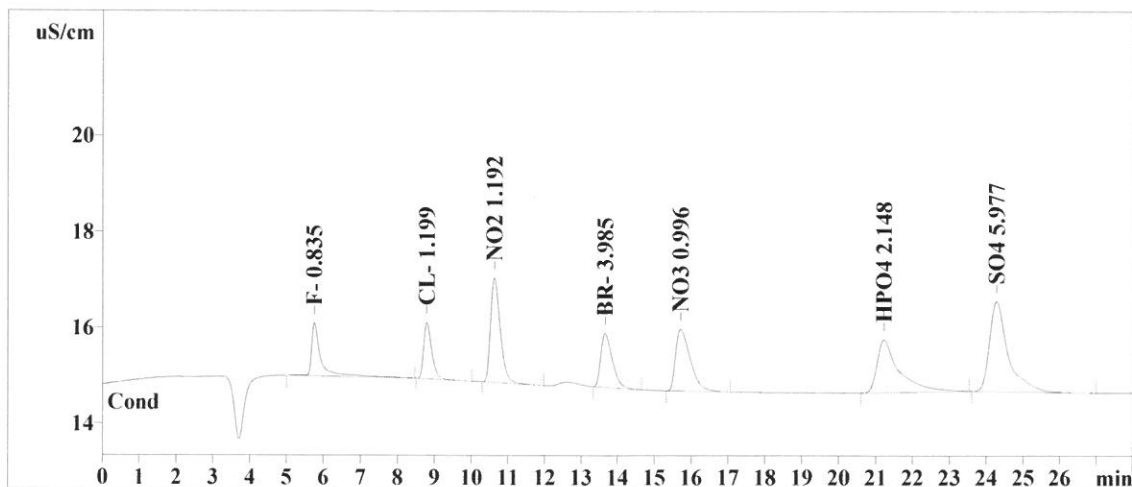
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File: _2019-09-11_

Last save: 9/11/2019 3:39:40 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68590

Last save: 9/11/2019 12:31:40 PM

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.204	1.10	11.19	19.896	7.98	0.
2	8.79	0.227	1.17	11.92	17.742	7.11	0.
3	10.62	0.274	2.16	22.03	39.569	15.86	0.
4	13.64	0.342	1.12	11.42	24.957	10.00	0.
5	15.71	0.417	1.28	13.07	35.051	14.05	0.
6	21.22	0.517	1.10	11.22	46.447	18.62	0.
7	24.28	0.463	1.88	19.13	65.793	26.37	0.
7	28.00	0.349	9.82	99.97	249.455	100.00	0.

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Report date: 9/16/2019 10:47:25 AM
Printed by: wet

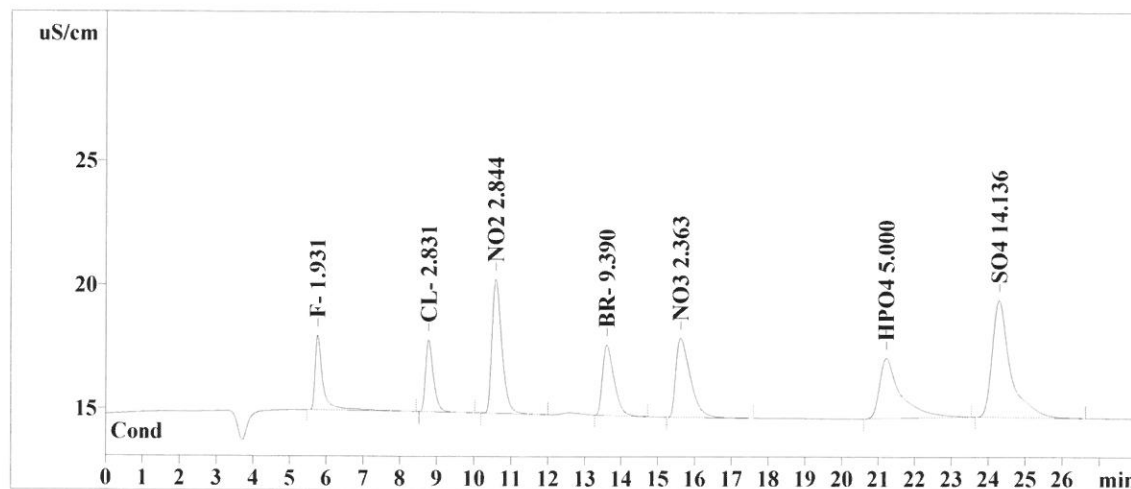
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File: _2019-09-11_

Last save: 9/11/2019 3:39:40 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68591

Last save: 9/11/2019 12:31:40 PM

SAMPLE:
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.193	3.00	12.26	46.597	7.77	0.
2	8.78	0.222	2.90	11.87	43.198	7.20	0.
3	10.59	0.276	5.40	22.06	99.193	16.54	0.
4	13.59	0.334	2.84	11.60	62.405	10.41	0.
5	15.61	0.417	3.19	13.04	87.148	14.53	0.
6	21.21	0.496	2.43	9.92	98.231	16.38	0.
7	24.28	0.456	4.71	19.24	162.812	27.15	0.
7	28.00	0.342	24.47	100.00	599.583	100.00	0.

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Report date: 9/16/2019 10:47:34 AM
Printed by: wet

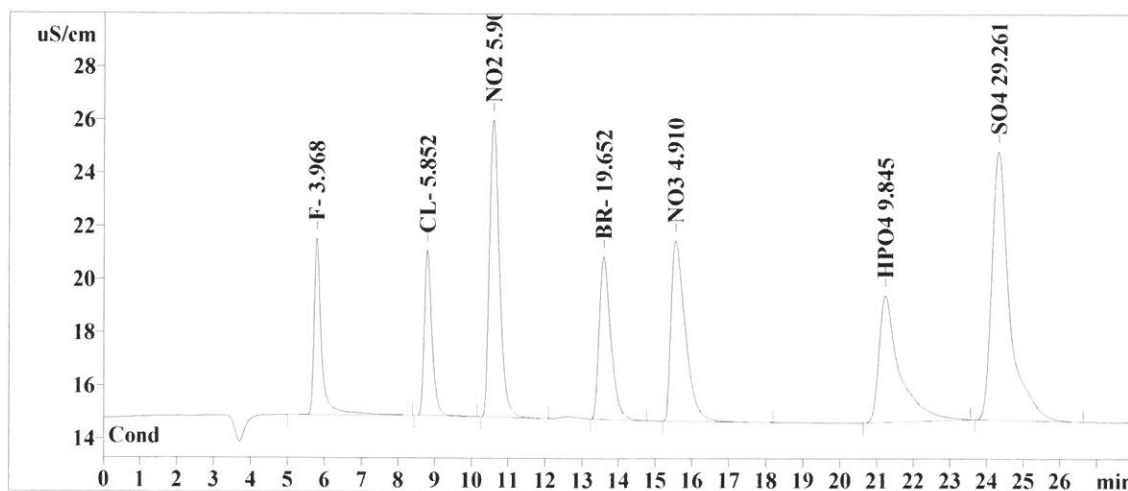
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File: _2019-09-11_

Last save: 9/11/2019 3:39:40 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68592

Last save: 9/11/2019 12:31:40 PM

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.77	0.187	6.64	12.81	96.218	7.74	0.
2	8.79	0.216	6.21	11.99	90.307	7.27	0.
3	10.58	0.284	11.17	21.57	209.761	16.88	0.
4	13.58	0.328	6.12	11.81	133.496	10.74	0.
5	15.55	0.413	6.79	13.12	184.218	14.82	0.
6	21.22	0.482	4.76	9.18	186.219	14.98	0.
7	24.31	0.450	10.10	19.51	342.652	27.57	0.
7	28.00	0.337	51.78	100.00	1242.871	100.00	0.

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Report date: 9/16/2019 10:47:42 AM
Printed by: wet

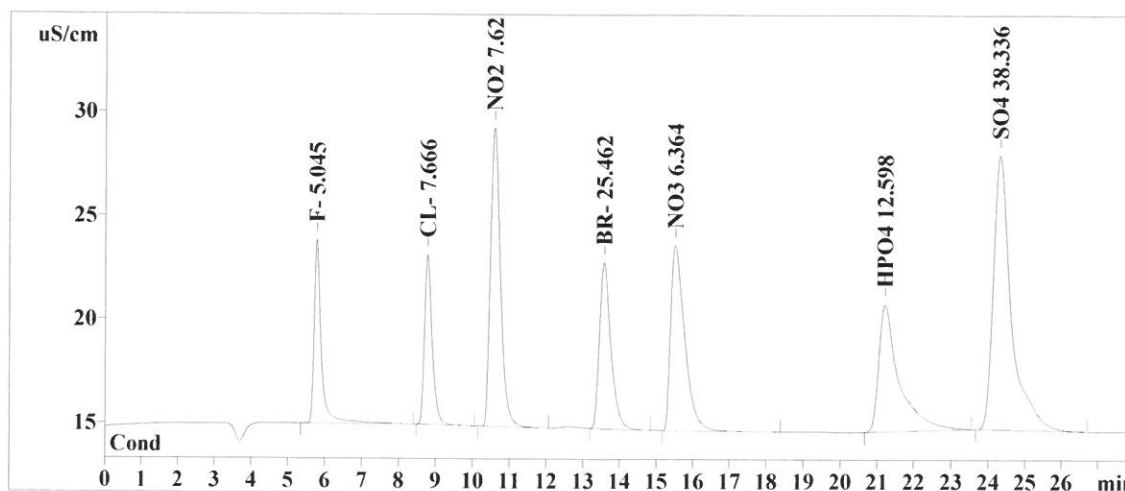
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Analysis from: 9/11/2019 2:59:28 PM
File: _2019-09-11_

Last save: 9/11/2019 3:40:52 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68593

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.77	0.181	8.82	13.06	122.454	7.59	0.
2	8.77	0.214	8.16	12.08	118.605	7.35	0.
3	10.57	0.287	14.37	21.26	271.528	16.84	0.
4	13.56	0.322	8.01	11.85	173.746	10.77	0.
5	15.50	0.409	8.91	13.18	239.627	14.86	0.
6	21.20	0.477	6.10	9.03	236.215	14.65	0.
7	24.30	0.455	13.20	19.53	450.551	27.94	0.
7	28.00	0.335	67.57	100.00	1612.725	100.00	0.

This report has been created by IC Net
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Report date: 9/16/2019 10:48:15 AM
Printed by: wet

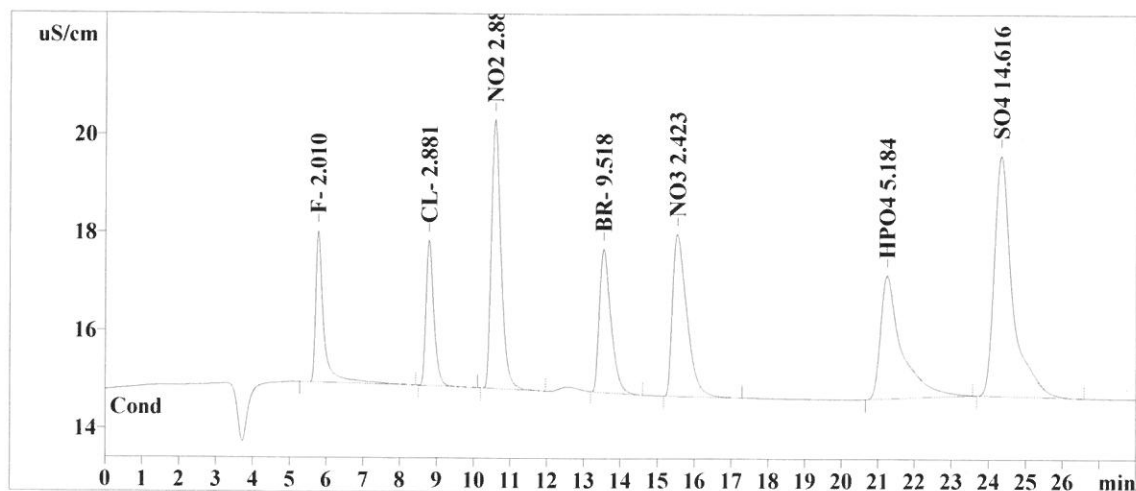
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Last save: 9/11/2019 3:58:12 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68594

Last save: 9/11/2019 3:27:18 PM

SAMPLE:
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.77	0.195	3.08	12.25	48.519	7.88	0.
2	8.78	0.221	2.96	11.76	43.968	7.14	0.
3	10.56	0.275	5.48	21.78	100.769	16.36	0.
4	13.53	0.327	2.92	11.61	63.285	10.27	0.
5	15.51	0.412	3.31	13.14	89.452	14.52	0.
6	21.24	0.494	2.51	9.96	101.579	16.49	0.
7	24.32	0.454	4.90	19.49	168.513	27.35	0.
7	28.00	0.340	25.16	99.99	616.085	100.00	0.

This report has been created by IC Net
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Report date: 9/16/2019 10:48:24 AM
Printed by: wet

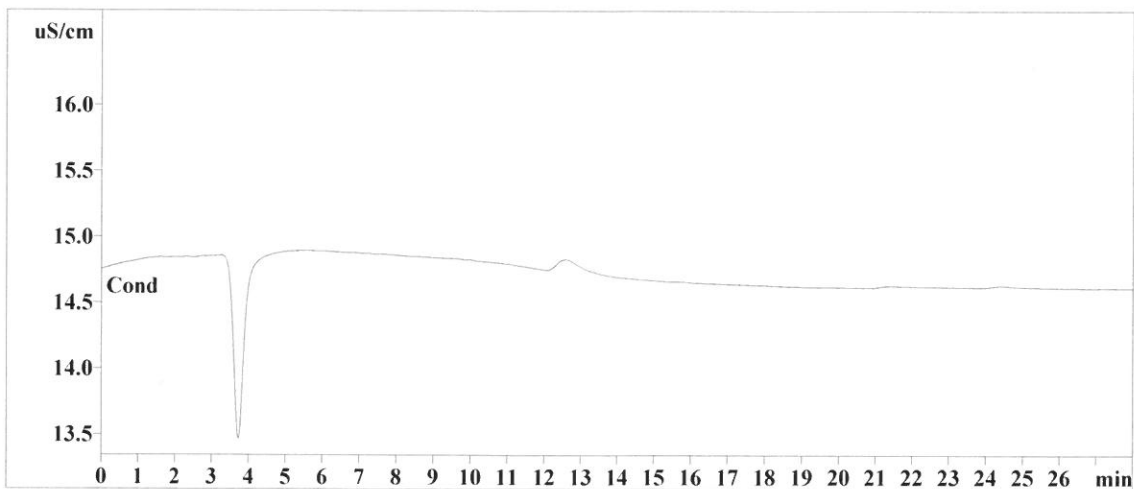
Ident: ICB
Analysis from: 9/11/2019 4:01:17 PM
File: _2019-09-11_

Last save: 9/11/2019 4:29:06 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68595

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
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9056A

Report date: 9/16/2019 10:39:02 AM
 Printed by: wet

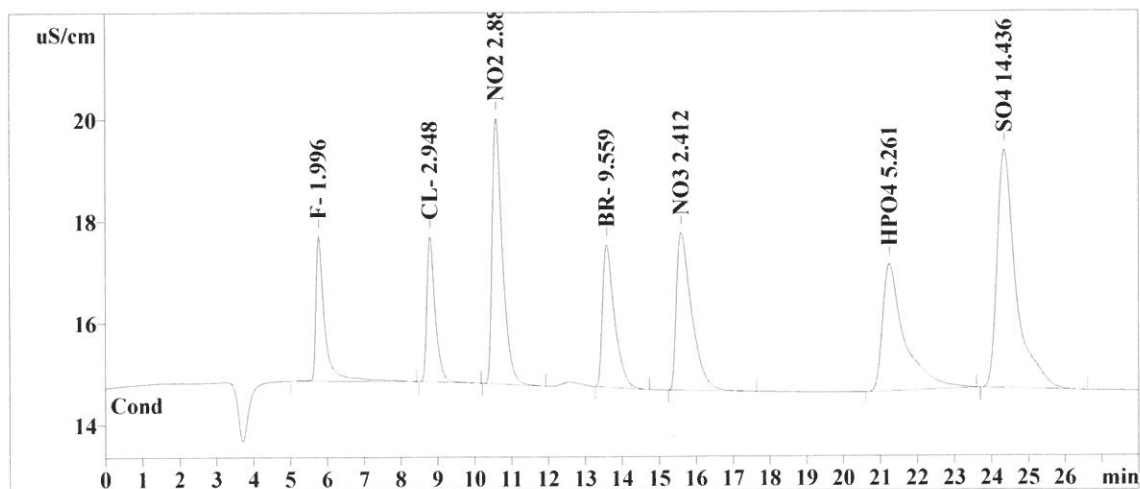
Ident: CCV
 Analysis from: 9/12/2019 3:53:37 PM
 File: _2019-09-12_

Last save: 9/12/2019 4:21:26 PM

Method: ANIONS 09-11-19.mtw
 Run operator: wet
 Analysis number: 68611

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
 : AK/AP
 Vial number: 2
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.211	2.84	11.86	48.179	7.83	0.
2	8.79	0.230	2.84	11.87	45.017	7.31	0.
3	10.59	0.284	5.21	21.76	100.505	16.32	0.
4	13.58	0.335	2.80	11.66	63.571	10.33	0.
5	15.60	0.429	3.10	12.93	89.027	14.46	0.
6	21.25	0.515	2.49	10.41	102.980	16.73	0.
7	24.35	0.477	4.68	19.51	166.380	27.02	0.
7	28.00	0.354	23.97	100.00	615.660	100.00	0.

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Report date: 9/16/2019 10:39:10 AM
Printed by: wet

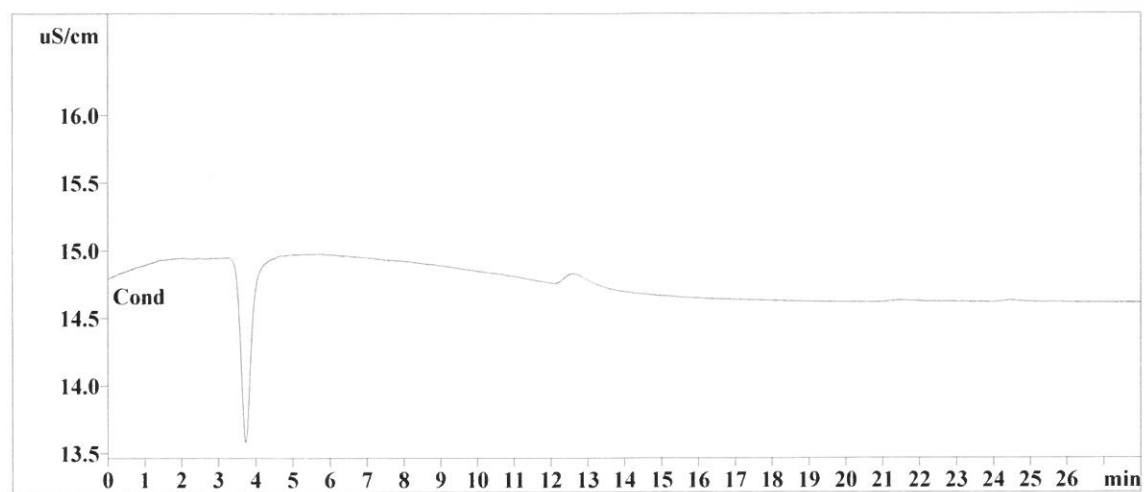
Ident: CCB
Analysis from: 9/12/2019 4:24:32 PM
File: _2019-09-12_

Last save: 9/12/2019 4:52:22 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68612

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:39:22 AM
Printed by: wet

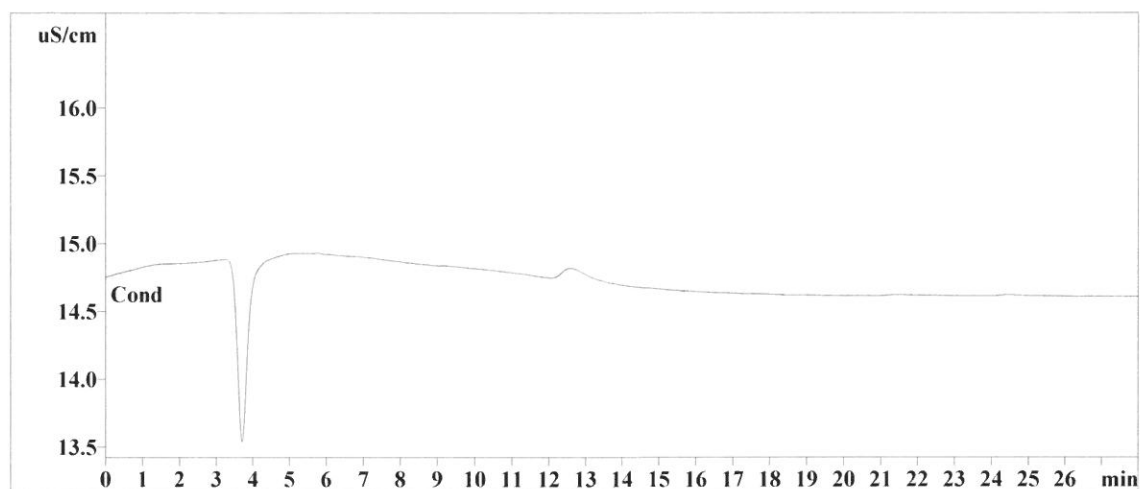
Ident: LB105144BLW
Analysis from: 9/12/2019 4:55:26 PM
File: _2019-09-12_

Last save: 9/16/2019 10:38:56 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68613

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:39:32 AM
Printed by: wet

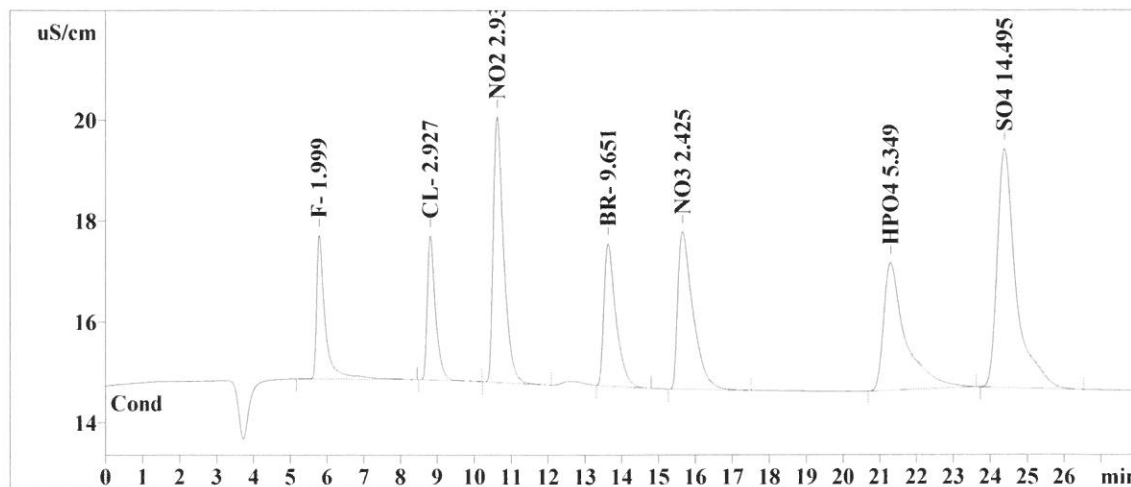
Ident: LB105144BSW
Analysis from: 9/12/2019 5:26:21 PM
File: _2019-09-12_

Last save: 9/16/2019 10:38:56 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68614

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.78	0.212	2.85	11.77	48.245	7.77	0.
2	8.81	0.226	2.86	11.81	44.694	7.20	0.
3	10.61	0.286	5.27	21.80	102.400	16.50	0.
4	13.62	0.334	2.82	11.66	64.212	10.34	0.
5	15.65	0.426	3.12	12.91	89.509	14.42	0.
6	21.29	0.513	2.53	10.46	104.580	16.85	0.
7	24.38	0.473	4.73	19.58	167.076	26.92	0.
7	28.00	0.353	24.17	99.99	620.719	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:39:46 AM
Printed by: wet

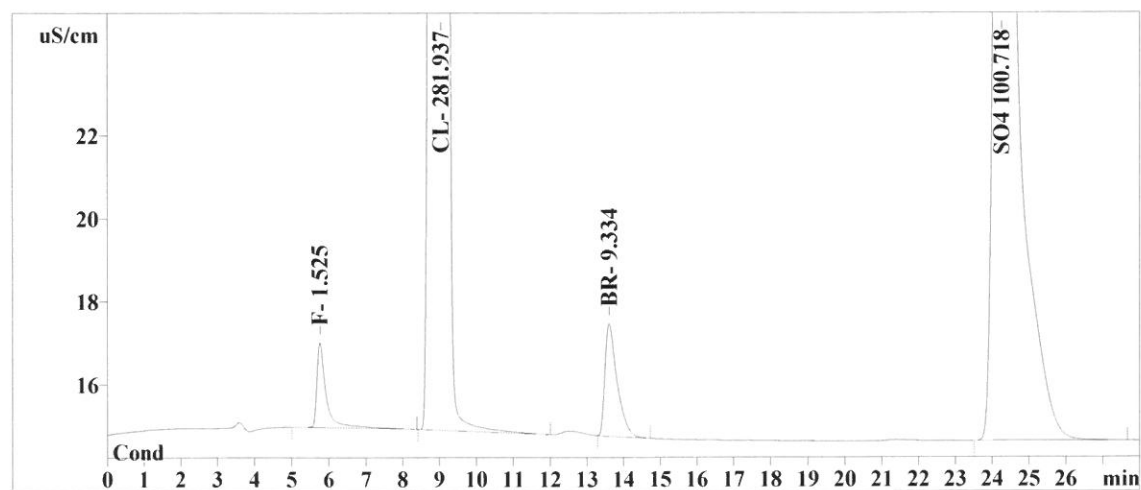
Ident: K4843-06
Analysis from: 9/12/2019 5:57:16 PM
File: _2019-09-12_

Last save: 9/12/2019 6:25:04 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68615

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.222	2.04	0.72	36.705	0.65	0.
2	9.03	0.278	244.18	86.52	4396.800	77.30	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.60	0.334	2.71	0.96	62.015	1.09	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.26	0.490	33.20	11.77	1192.293	20.96	0.
7	28.00	0.189	282.13	99.97	5687.812	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:39:56 AM
Printed by: wet

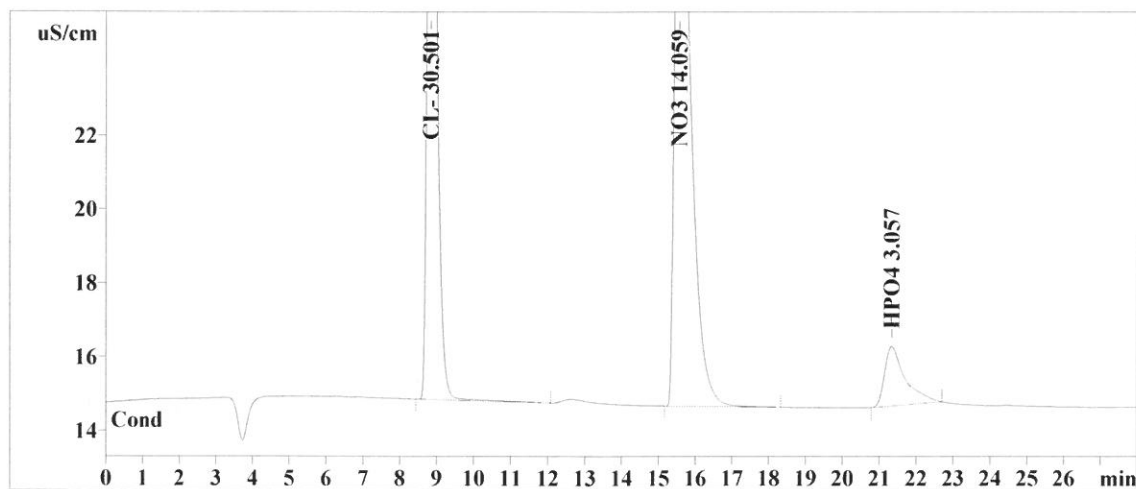
Ident: K4843-12
Analysis from: 9/12/2019 6:28:10 PM
File: _2019-09-12_

Last save: 9/16/2019 10:17:02 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68616

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.83	0.199	33.86	61.53	474.797	44.35	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.55	0.399	19.56	35.54	532.889	49.77	0.
6	21.33	0.527	1.61	2.93	62.962	5.88	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.161	55.03	100.01	1070.648	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:40:05 AM
Printed by: wet

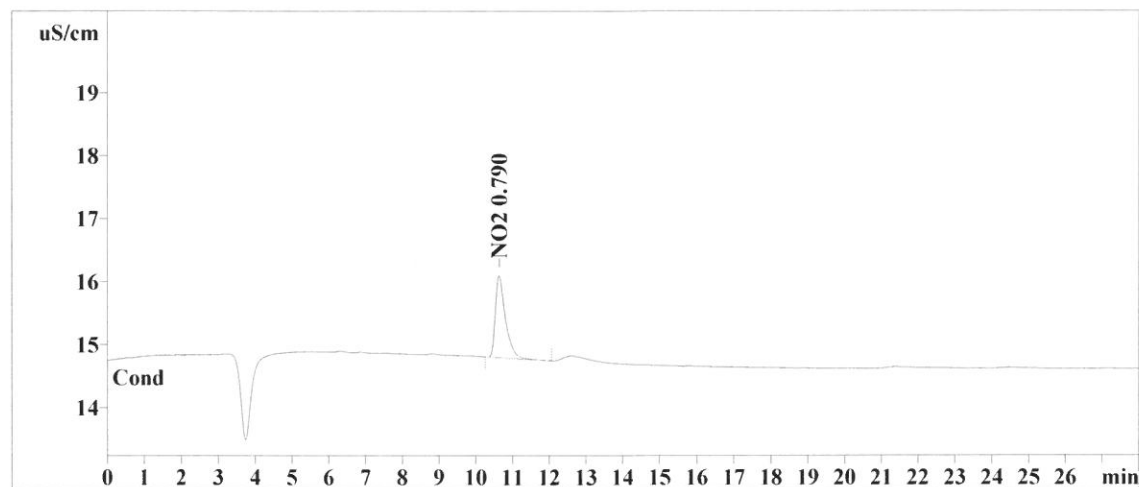
Ident: K4843-16
Analysis from: 9/12/2019 6:59:05 PM
File: _2019-09-12_

Last save: 9/12/2019 7:26:54 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68617

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	10.63	0.279	1.30	99.94	25.084	100.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.040	1.30	99.94	25.084	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:40:17 AM
Printed by: wet

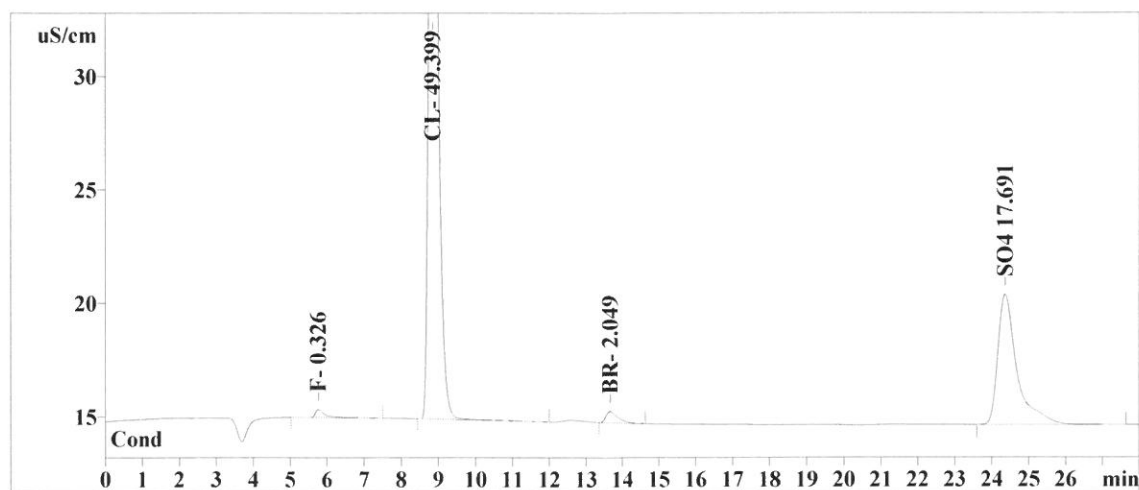
Ident: K4843-06DLX5
Analysis from: 9/12/2019 7:29:59 PM
File: _2019-09-12_

Last save: 9/12/2019 7:57:48 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68618

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.234	0.36	0.57	7.488	0.75	0.
2	8.84	0.196	55.86	89.43	769.585	77.45	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.66	0.341	0.50	0.80	11.542	1.16	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.36	0.477	5.74	9.19	205.080	20.64	0.
7	28.00	0.178	62.47	99.99	993.695	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:40:27 AM
 Printed by: wet

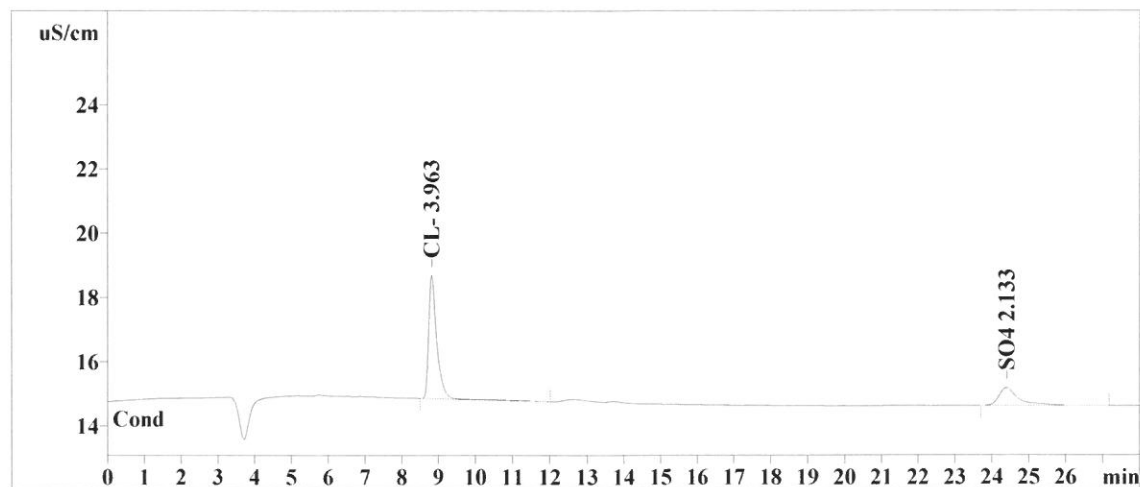
Ident: K4843-06DL2X50
 Analysis from: 9/12/2019 8:00:54 PM
 File: _2019-09-12_

Last save: 9/12/2019 8:28:44 PM

Method: ANIONS 09-11-19.mtw
 Run operator: wet
 Analysis number: 68619

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
 : AK/AP
 Vial number: 13
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.81	0.222	3.83	87.47	60.848	75.18	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.39	0.482	0.55	12.50	20.087	24.82	0.
7	28.00	0.101	4.38	99.97	80.935	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 9/16/2019 10:40:38 AM
Printed by: wet

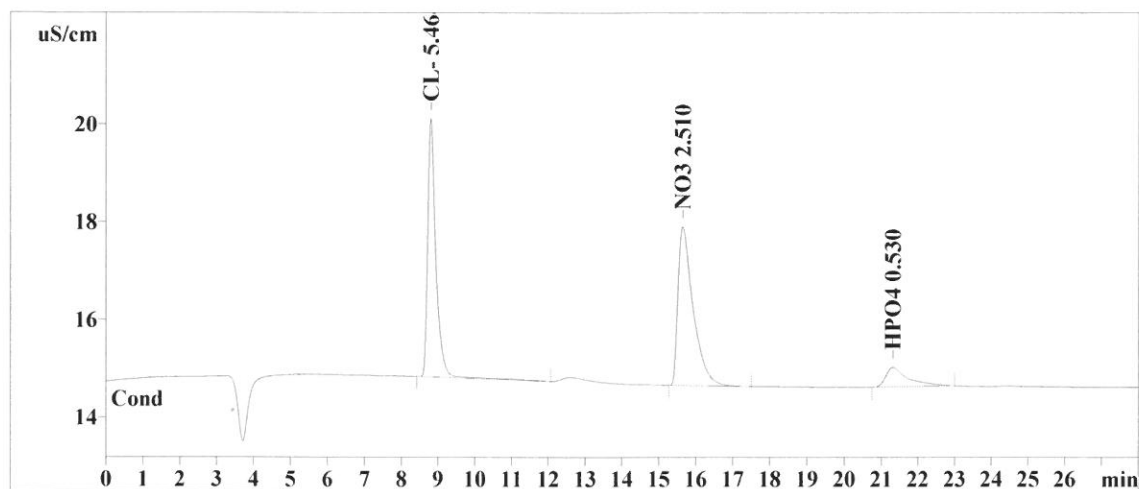
Ident: K4843-12DLX5
Analysis from: 9/12/2019 8:31:49 PM
File: _2019-09-12_

Last save: 9/16/2019 10:19:52 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68620

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 14
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.79	0.222	5.28	59.20	84.265	43.42	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.64	0.419	3.24	36.33	92.751	47.79	0.
6	21.32	0.556	0.40	4.46	17.063	8.79	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.00	0.171	8.92	99.99	194.079	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:40:48 AM
Printed by: wet

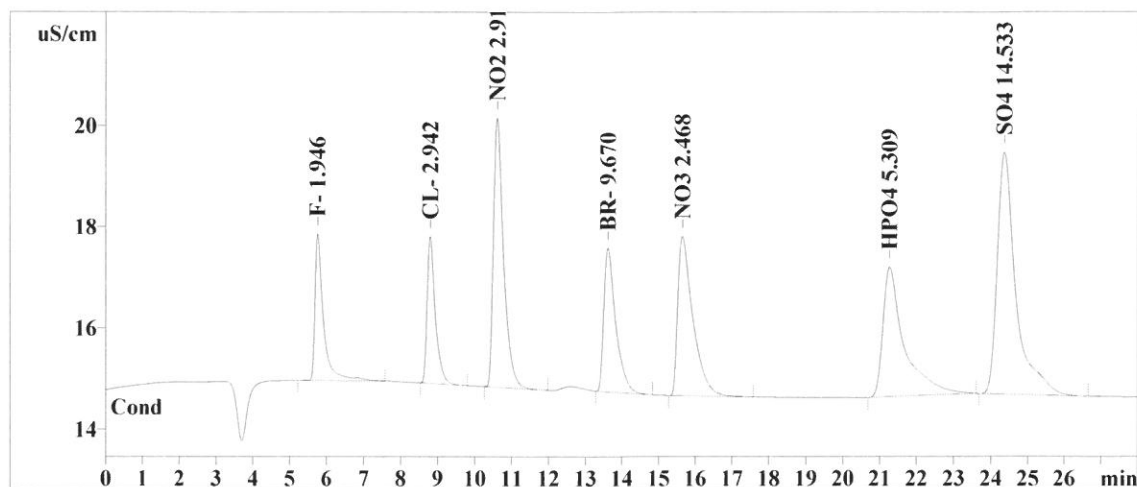
Ident: CCV
Analysis from: 9/12/2019 9:02:43 PM
File: _2019-09-12_

Last save: 9/16/2019 10:13:24 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68621

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 2
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.76	0.210	2.89	11.83	46.951	7.57	0.
2	8.80	0.223	2.89	11.86	44.928	7.24	0.
3	10.60	0.279	5.31	21.76	101.840	16.41	0.
4	13.61	0.328	2.84	11.62	64.338	10.37	0.
5	15.65	0.425	3.14	12.88	91.154	14.69	0.
6	21.27	0.497	2.56	10.48	103.847	16.73	0.
7	24.36	0.468	4.78	19.57	167.535	27.00	0.
7	28.00	0.347	24.41	100.00	620.594	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/16/2019 10:40:55 AM
Printed by: wet

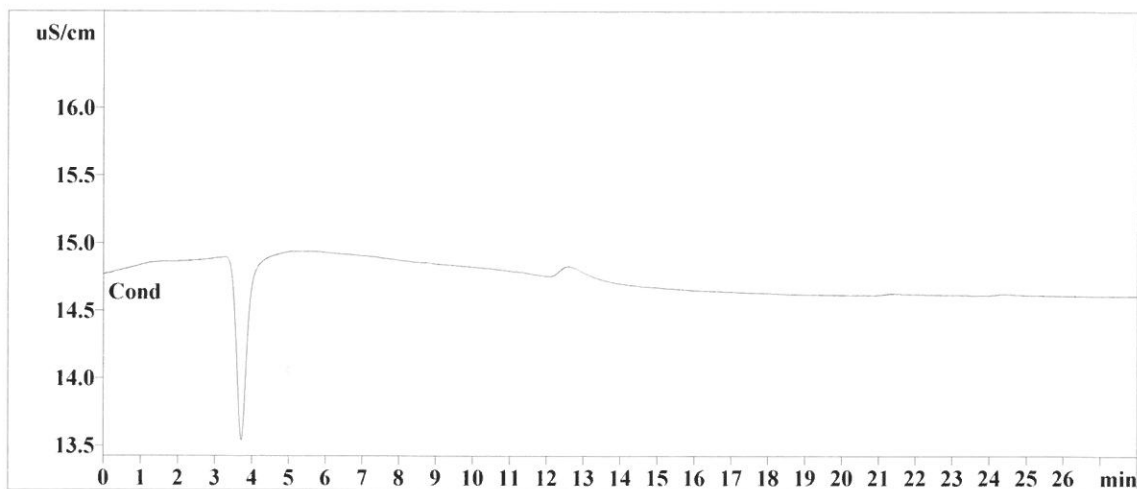
Ident: CCB
Analysis from: 9/12/2019 9:33:38 PM
File: _2019-09-12_

Last save: 9/12/2019 10:01:28 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68622

Last save: 9/11/2019 3:40:50 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD