

Clear table

IC-1 9056A

09/27/19 AK

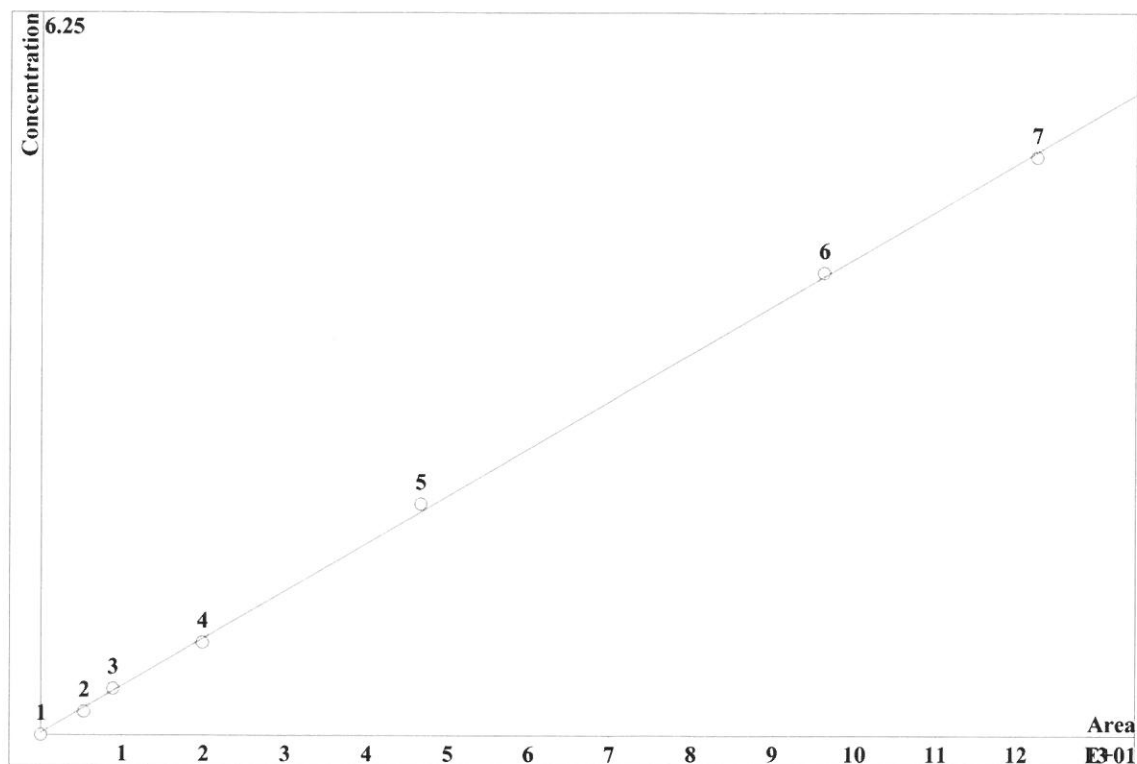
ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-11_	9/11/19 11:54		AK/AP
STD2	0.2370	0.3870	0.3840	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	1.9570	2.8870	2.9220	9.5110	2.4060	5.2870	14.3620	2019-09-26_	9/26/19 9:54		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-26_	9/26/19 10:26		AK/AP
LB105327BLS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-26_	9/26/19 10:56	5.00g/100m	AK/AP
LB105327BSS	1.9660	2.8850	2.9010	9.5570	2.4080	5.3530	14.5470	2019-09-26_	9/26/19 11:27	5.01g/100m	AK/AP
K5038-01	0.0720	0.2450	0.0000	0.0000	0.1340	-0.1020	1.5400	2019-09-26_	9/26/19 12:00	5.04g/100m	AK/AP
K5038-03	0.0680	0.2210	0.0000	0.0000	0.1000	-0.0430	1.1410	2019-09-26_	9/26/19 12:30	5.07g/100m	AK/AP
K5038-05	0.0790	0.2580	0.0000	0.0000	0.0000	0.0000	45.3980	2019-09-26_	9/26/19 13:00	5.04g/100m	AK/AP
K5038-07	0.1780	0.3510	0.0000	0.0000	0.3600	-0.1270	1.9960	2019-09-26_	9/26/19 13:31	5.07g/100m	AK/AP
K5038-09	0.1590	1.2920	0.0000	0.0000	0.3590	0.0000	7.8310	2019-09-26_	9/26/19 14:01	5.02g/100m	AK/AP
K5038-11	0.0580	0.3530	0.0000	0.0000	0.0910	-0.1670	1.1630	2019-09-26_	9/26/19 14:32	5.00g/100m	AK/AP
K5038-11DUP	0.0610	0.3510	0.0000	0.0000	0.0960	-0.1610	1.1780	2019-09-26_	9/26/19 15:02	5.01g/100m	AK/AP
K5038-11MS	2.1310	3.3480	3.0800	10.1850	2.6400	5.8270	16.3980	2019-09-26_	9/26/19 15:33	5.03g/100m	AK/AP
CCV	1.9310	2.9120	2.9240	9.6170	2.4210	5.3080	14.3770	2019-09-26_	9/26/19 16:03		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-26_	9/26/19 16:33		AK/AP
K5038-11MSD	2.1750	3.3550	3.0780	10.1890	2.6200	5.7920	16.4170	2019-09-26_	9/26/19 17:04	5.02g/100m	AK/AP
K5038-05DLX2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21.6300	2019-09-26_	9/26/19 17:34	5.04g/100m	AK/AP
CCV	1.9590	2.8990	2.8820	9.5710	2.4010	5.2620	14.4300	2019-09-26_	9/26/19 18:05		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-26_	9/26/19 18:35		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



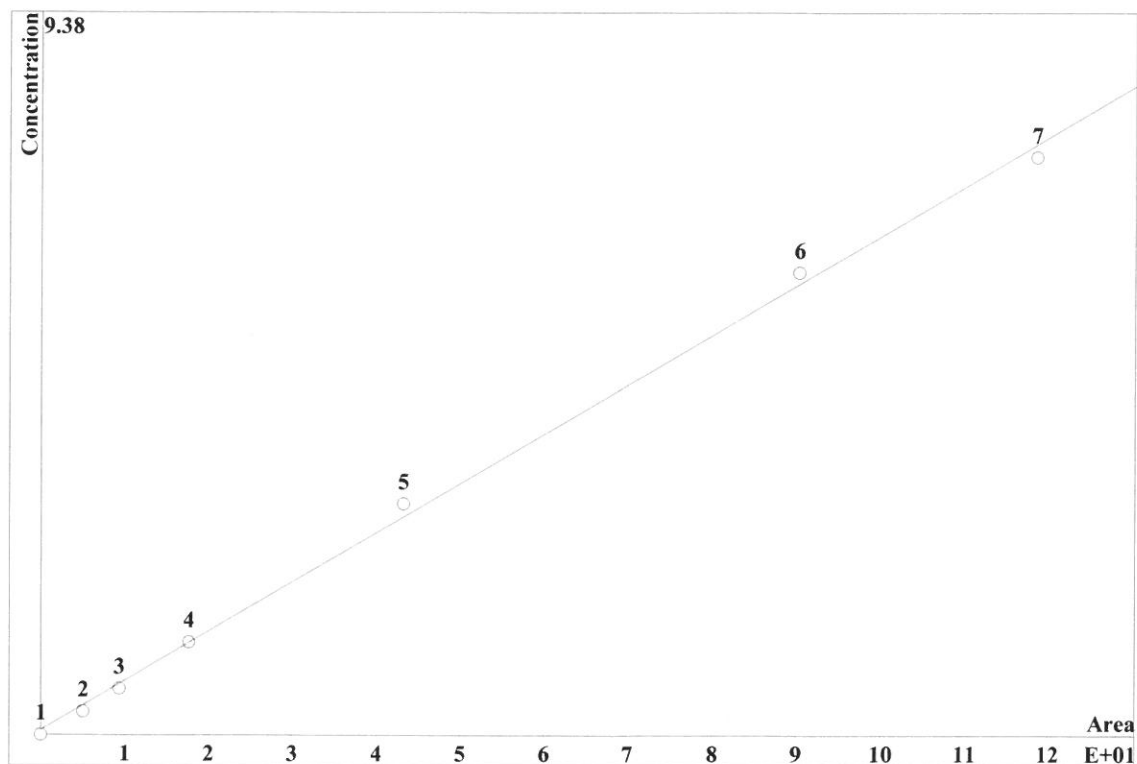
K3 = 0 K2 = 0 K1 = 0.821033 K0 = 0.364372

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



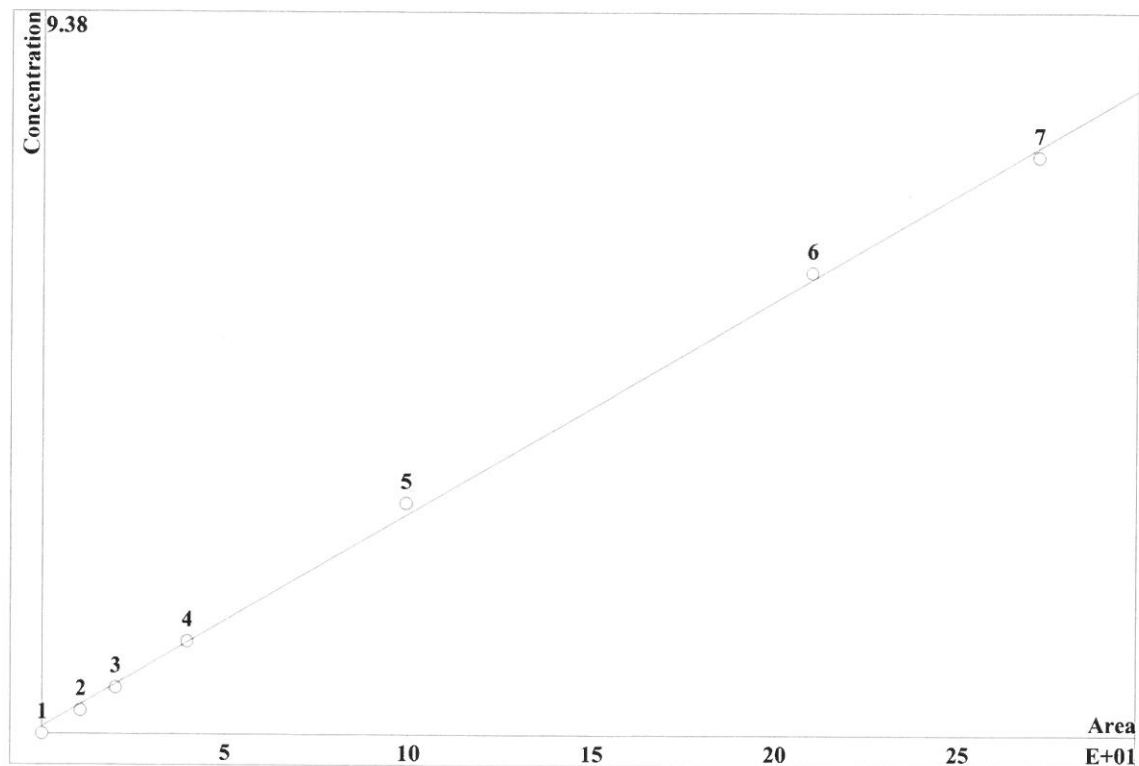
K3 = 0 K2 = 0 K1 = 1.28218 K0 = 1.24047

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



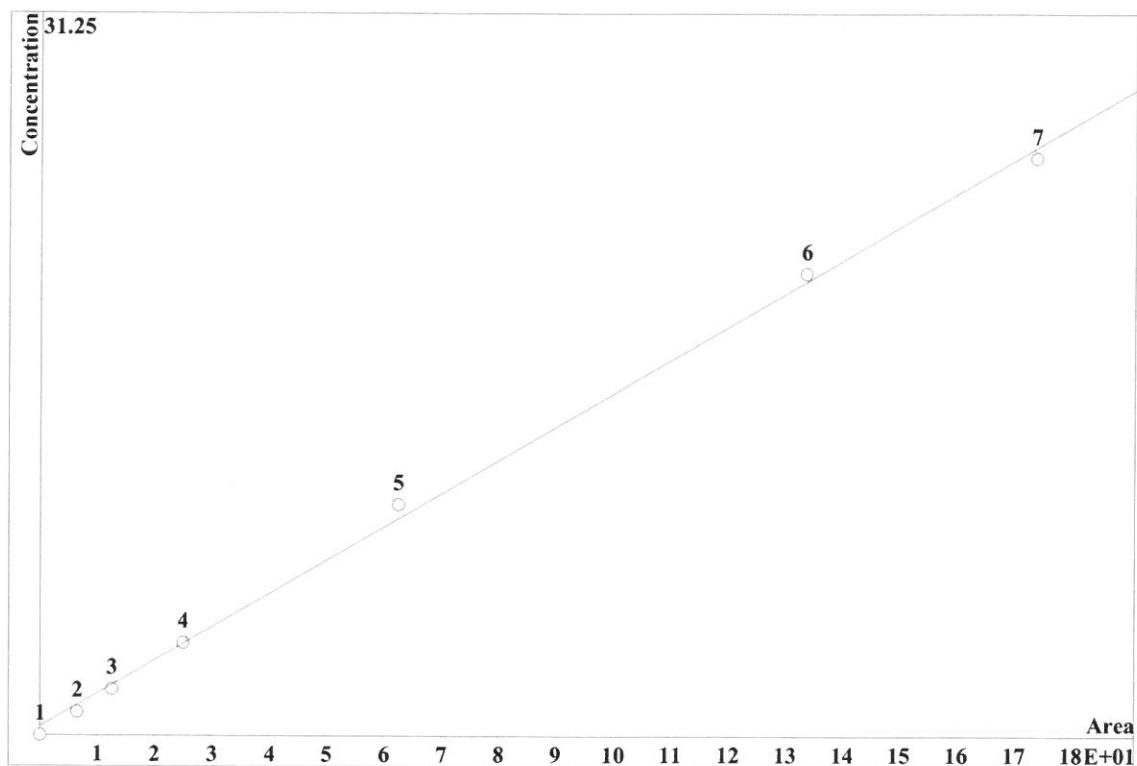
K3 = 0 K2 = 0 K1 = 0.554364 K0 = 1.90063

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



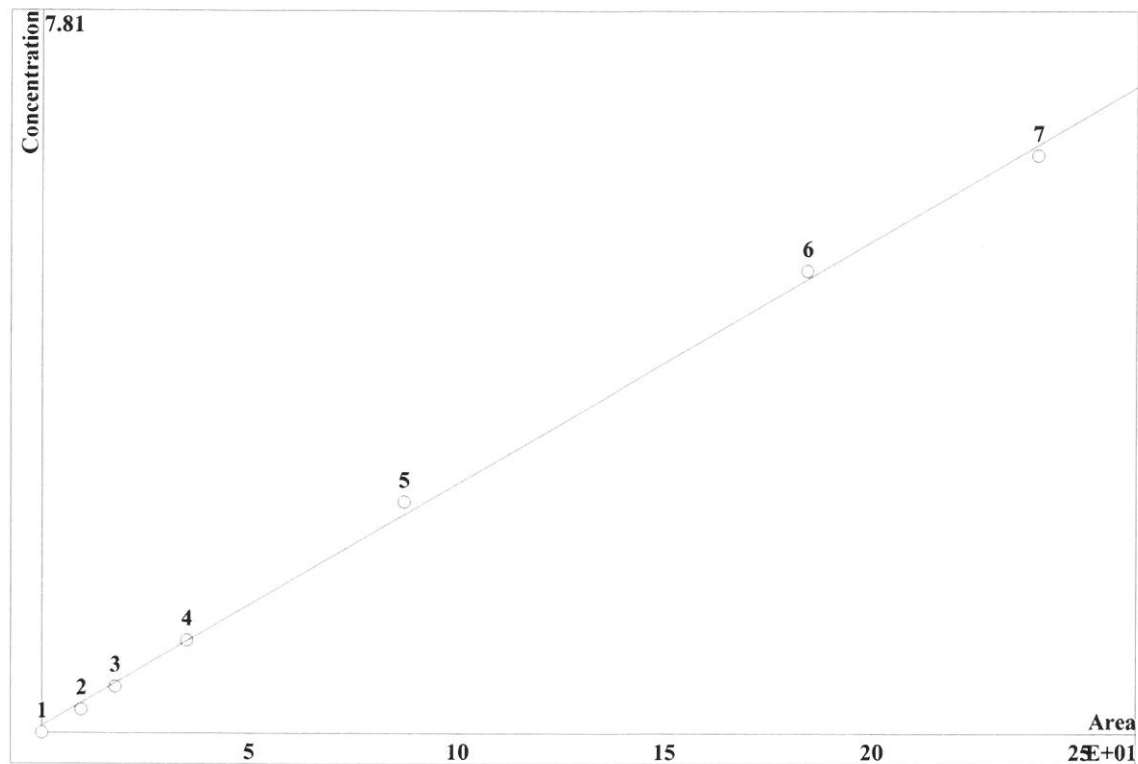
K3 = 0 K2 = 0 K1 = 2.88696 K0 = 7.64928

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



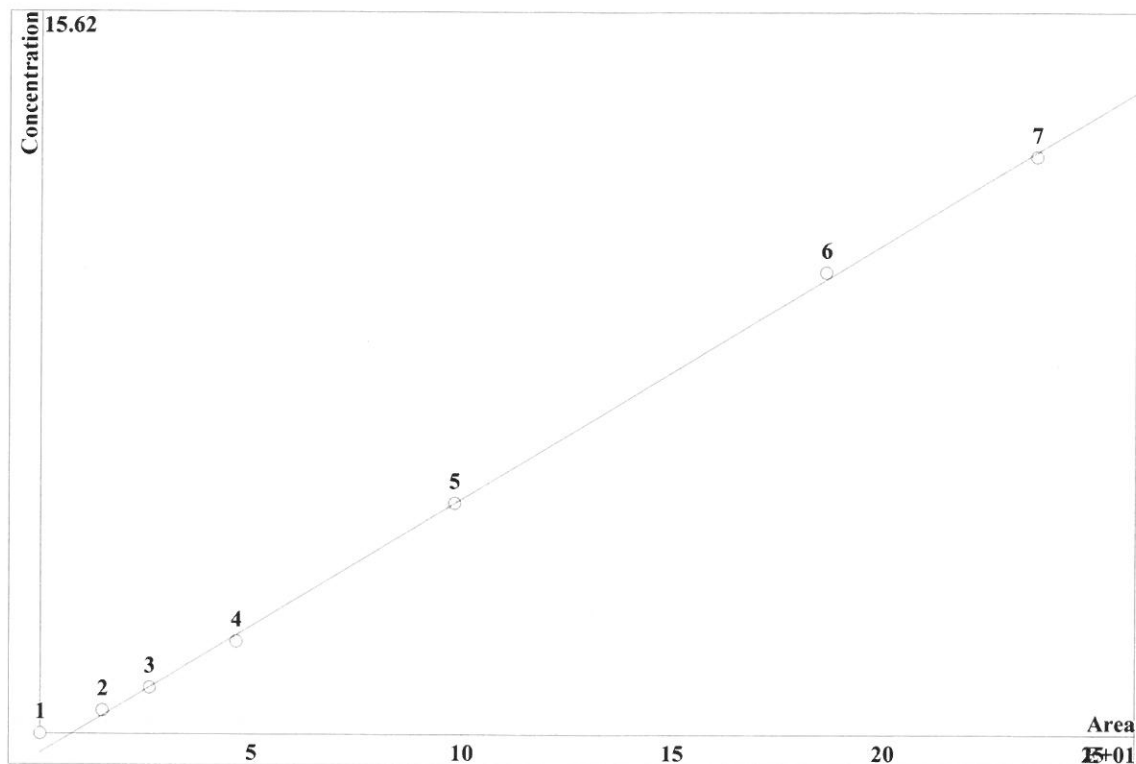
K3 = 0 K2 = 0 K1 = 0.524779 K0 = 1.52257

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

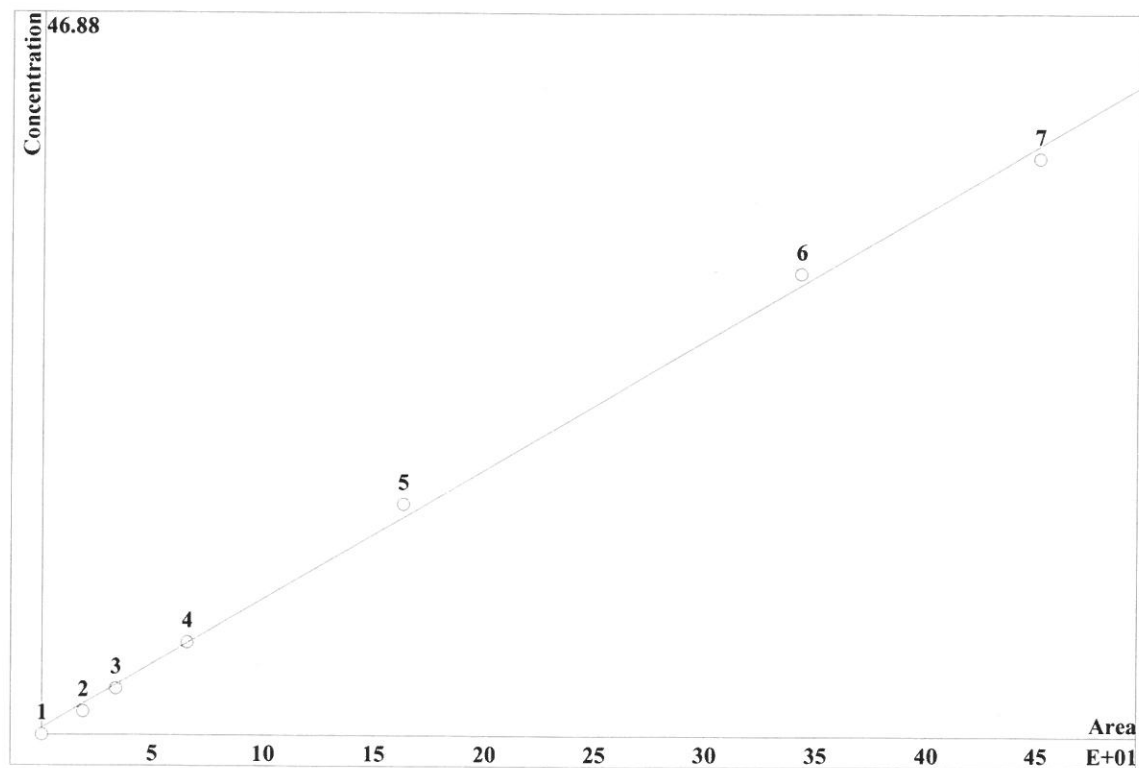
Weight: 1

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

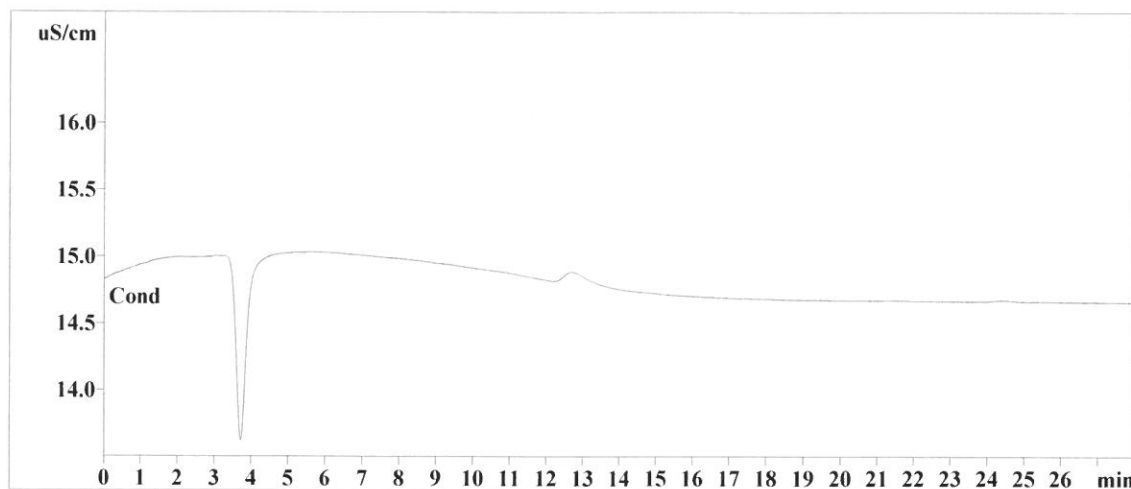
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Analysis from: 9/11/2019 11:54:00 AM
File: _2019-09-11_

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

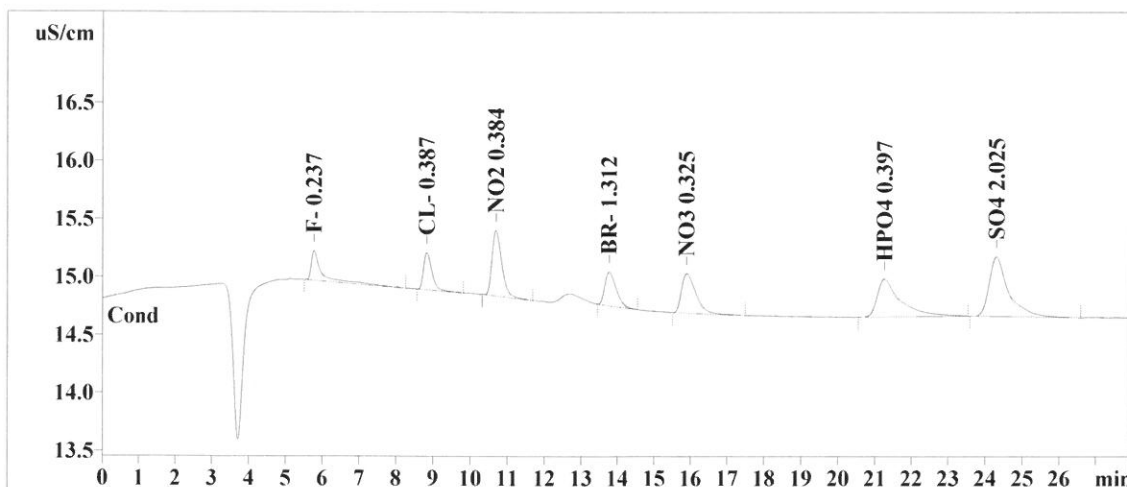
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Analysis from: 9/11/2019 12:24:55 PM
File: _2019-09-11_

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

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 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
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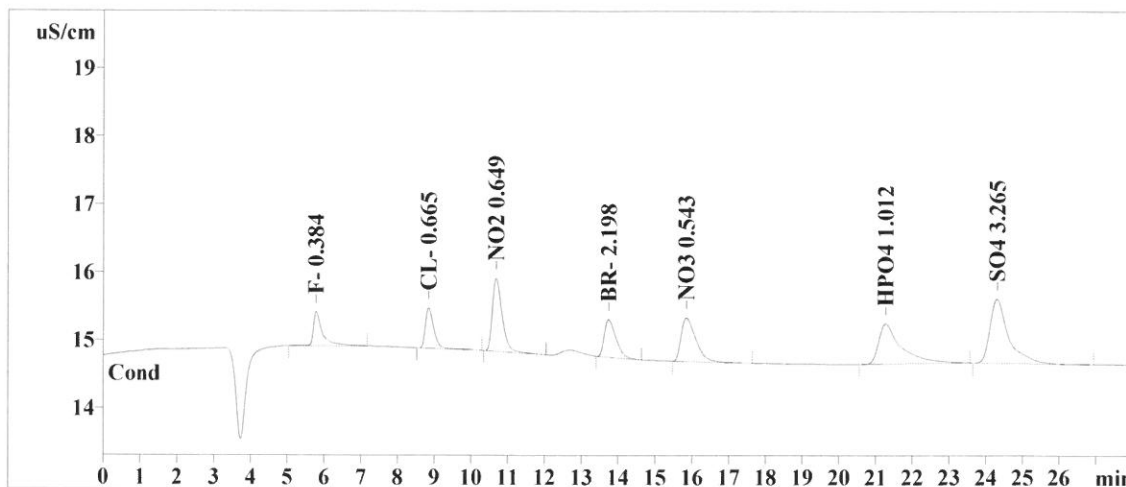
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File: _2019-09-11_

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

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 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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Report date: 9/16/2019 10:47:15 AM
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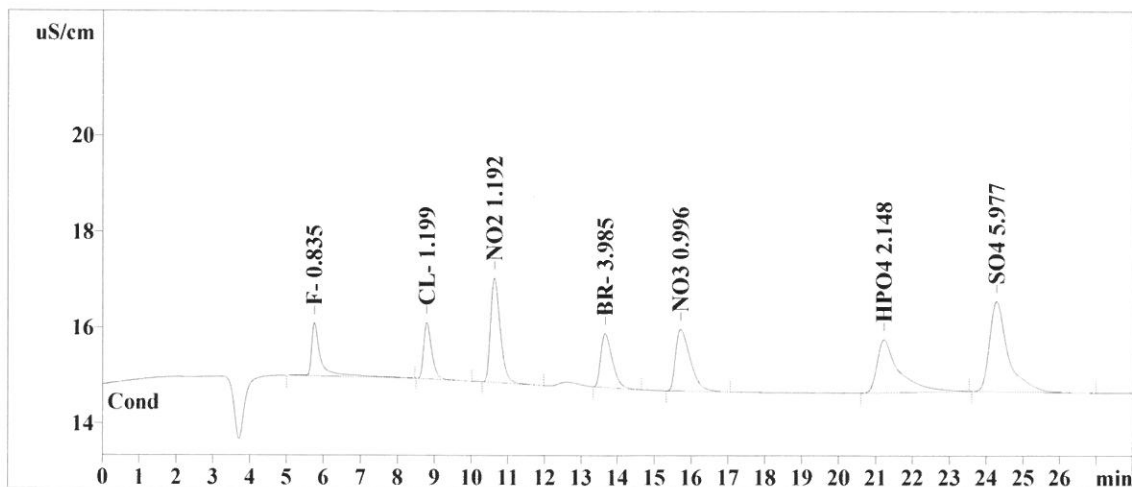
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File: _2019-09-11_

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
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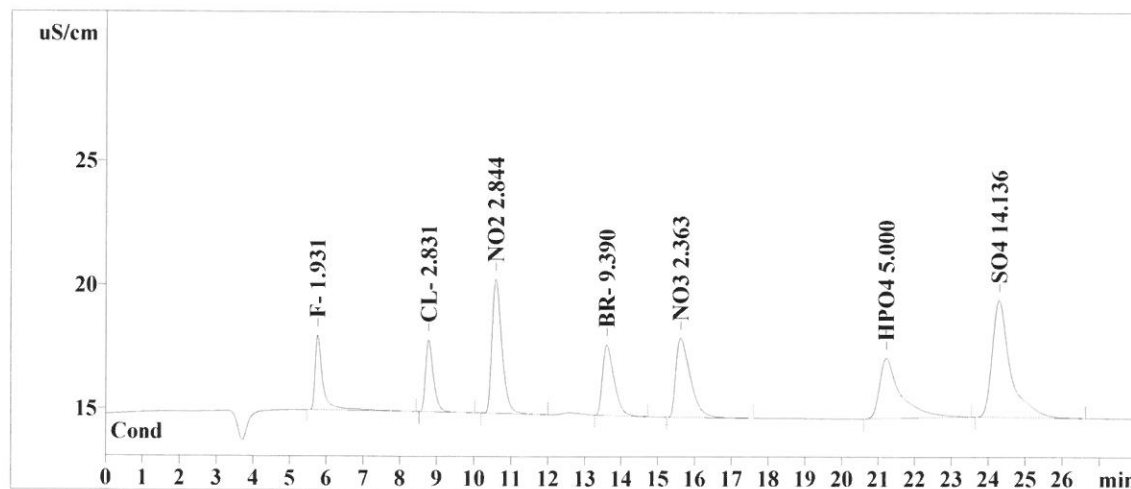
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Analysis from: 9/11/2019 1:57:39 PM
File: _2019-09-11_

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

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

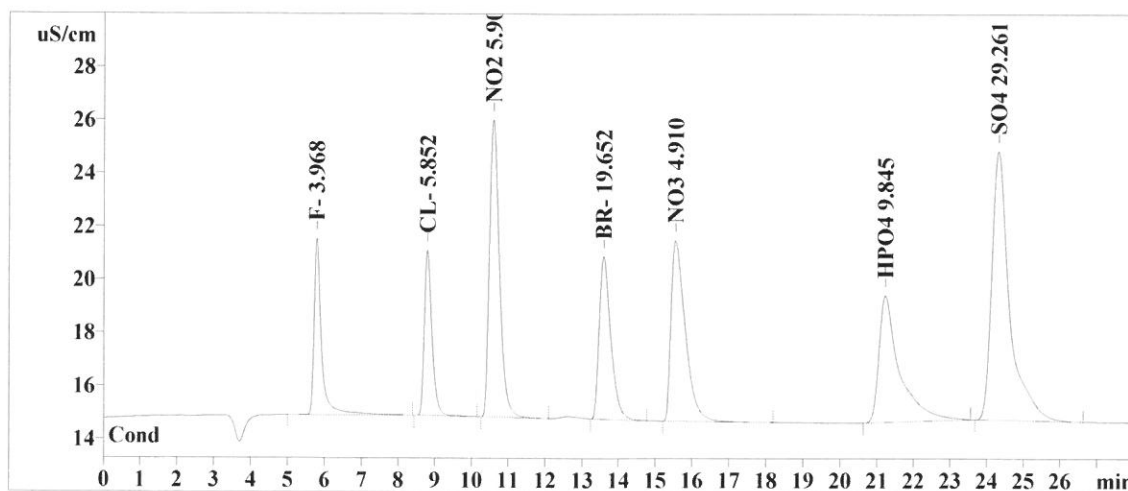
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Analysis from: 9/11/2019 2:28:34 PM
File: _2019-09-11_

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

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

This report has been created by IC Net
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Report date: 9/16/2019 10:47:42 AM
Printed by: wet

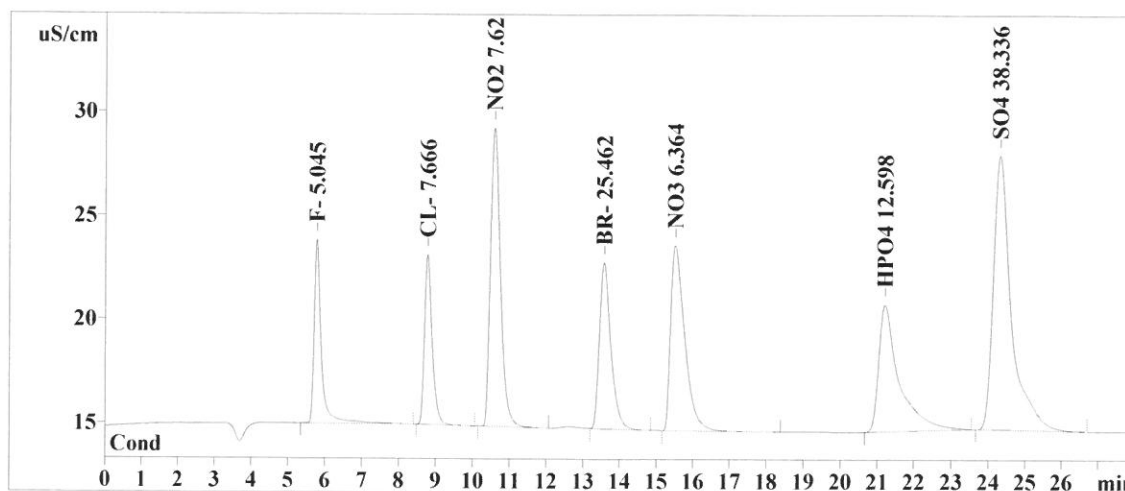
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Last save: 9/11/2019 3:40:52 PM

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

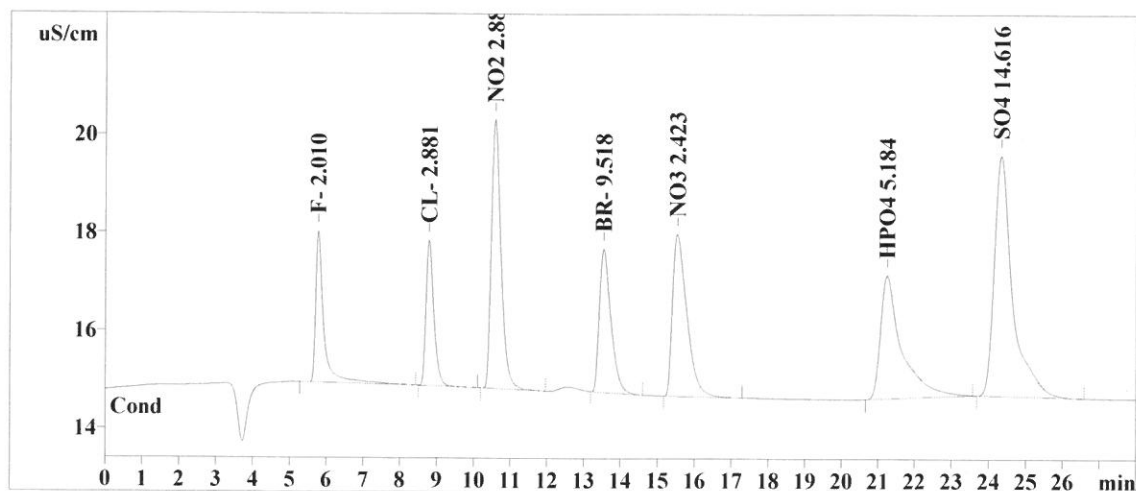
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Analysis from: 9/11/2019 3:30:23 PM
File: _2019-09-11_

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

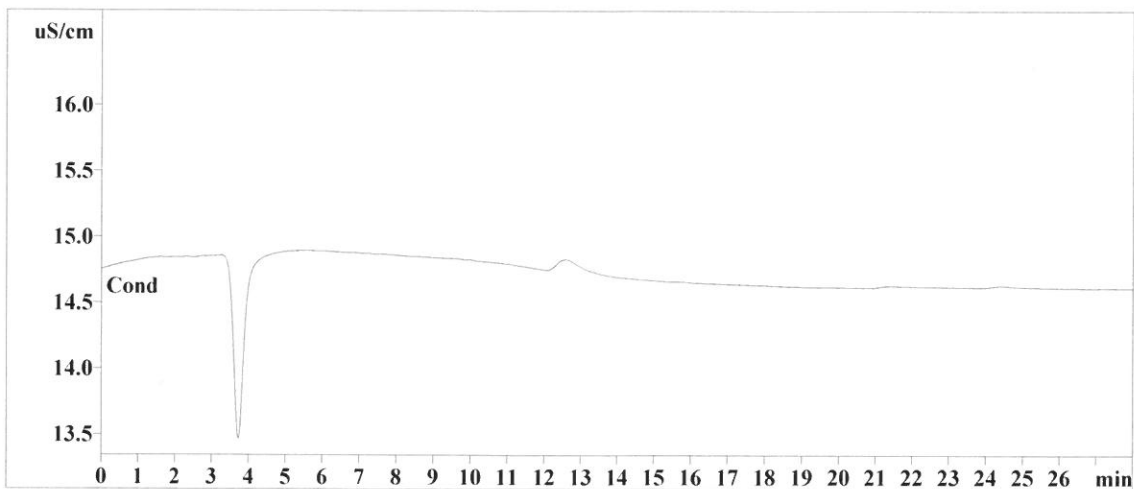
Ident: ICB
Analysis from: 9/11/2019 4:01:17 PM
File: _2019-09-11_

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
METROHM LTD

Report date: 9/27/2019 9:47:47 AM
Printed by: wet

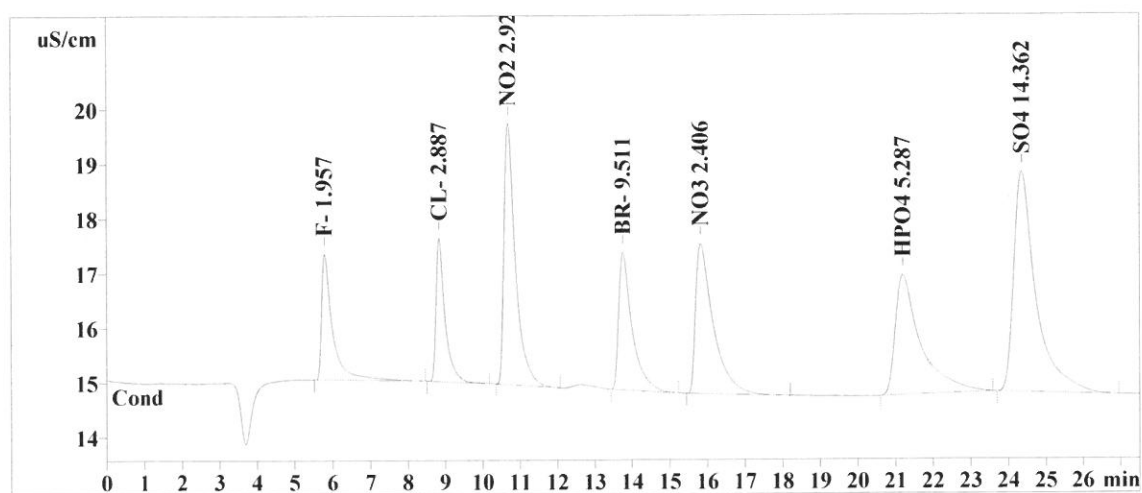
Ident: CCV
Analysis from: 9/26/2019 9:54:03 AM
File: _2019-09-26_

Last save: 9/26/2019 10:21:22 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68733

Last save: 9/13/2019 1:05:12 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	5.79	0.249	2.31	10.88	47.222	7.69	0.
2	8.84	0.232	2.62	12.37	44.062	7.17	0.
3	10.68	0.303	4.77	22.52	101.984	16.60	0.
4	13.76	0.350	2.52	11.88	63.237	10.30	0.
5	15.82	0.455	2.74	12.95	88.793	14.46	0.
6	21.20	0.607	2.20	10.37	103.450	16.84	0.
7	24.35	0.550	4.03	19.01	165.500	26.94	0.
7	27.50	0.392	21.20	99.99	614.248	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 9:47:55 AM
Printed by: wet

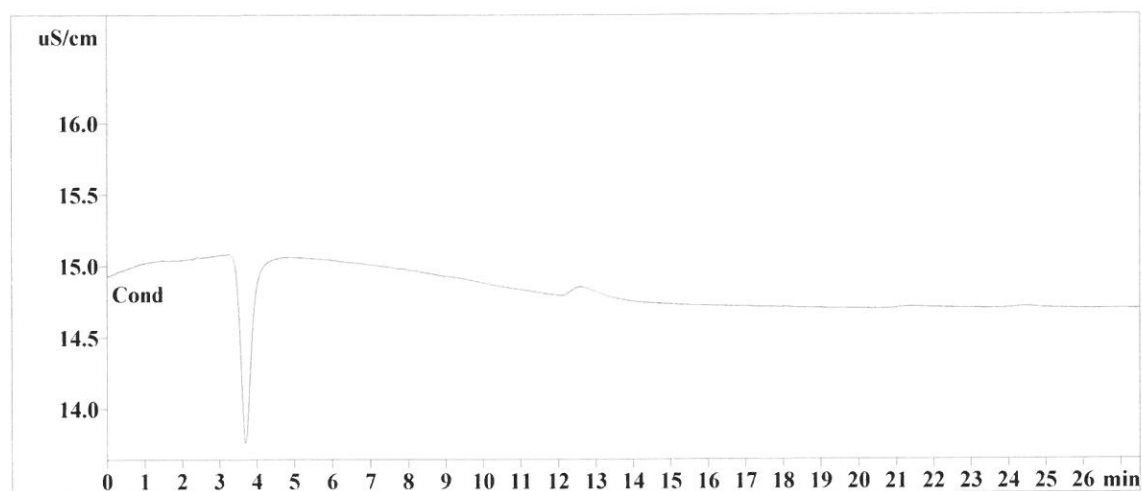
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Analysis from: 9/26/2019 10:26:34 AM
File: _2019-09-26_

Last save: 9/26/2019 10:53:54 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68734

Last save: 9/13/2019 1:05:12 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: 9/27/2019 9:48:03 AM
Printed by: wet

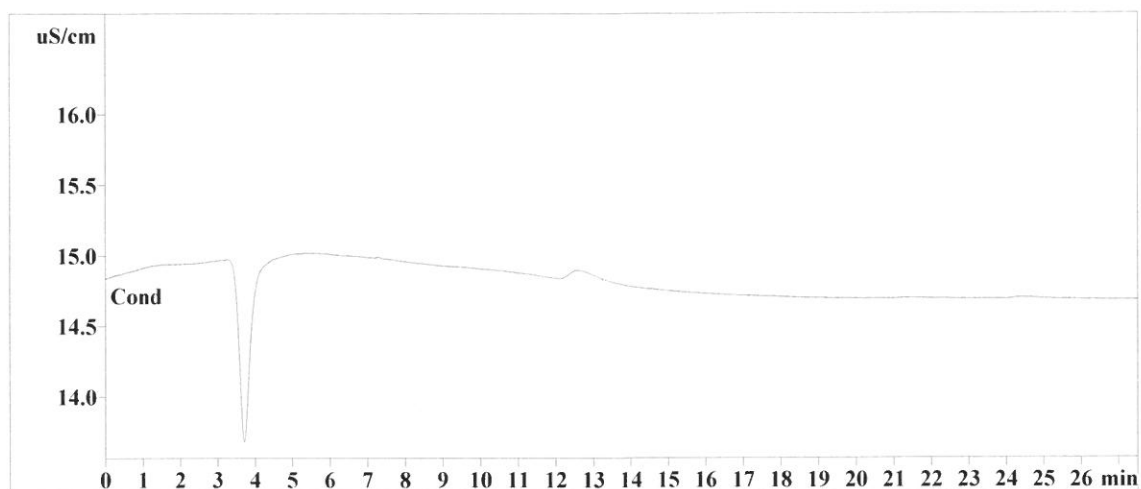
Ident: LB105327BLS
Analysis from: 9/26/2019 10:56:59 AM
File: _2019-09-26_

Last save: 9/26/2019 11:24:18 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68735

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.00g/100mL
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 9:48:10 AM
Printed by: wet

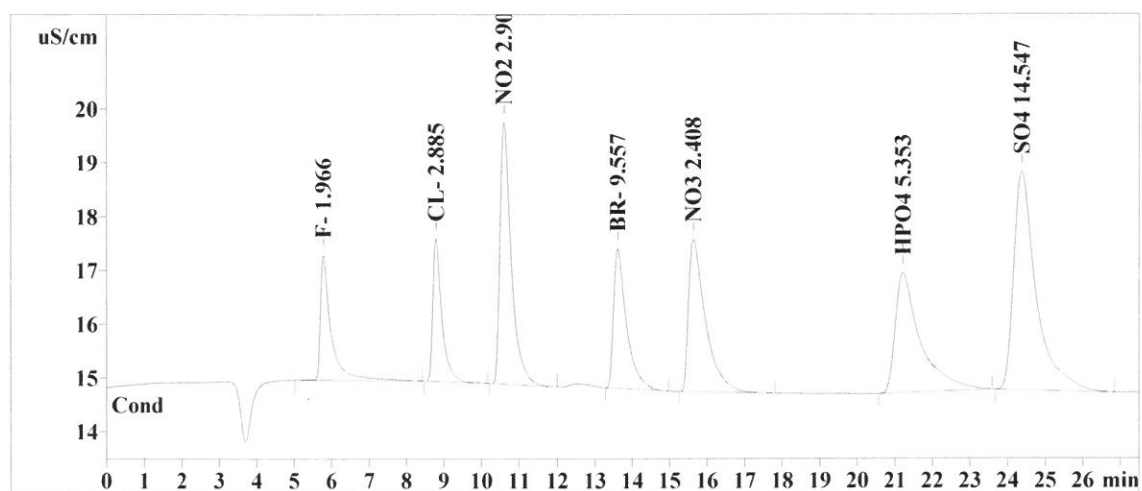
Ident: LB105327BSS
Analysis from: 9/26/2019 11:27:24 AM
File: _2019-09-26_

Last save: 9/26/2019 11:54:44 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68736

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.01g/100mL
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	0.247	2.32	10.76	47.453	7.68	0.
2	8.79	0.233	2.64	12.27	44.040	7.13	0.
3	10.59	0.298	4.87	22.59	101.224	16.39	0.
4	13.61	0.347	2.59	12.03	63.560	10.29	0.
5	15.63	0.450	2.83	13.12	88.873	14.39	0.
6	21.21	0.611	2.23	10.37	104.658	16.95	0.
7	24.37	0.563	4.06	18.85	167.698	27.16	0.
7	27.50	0.393	21.54	99.98	617.506	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 9:51:55 AM
Printed by: wet

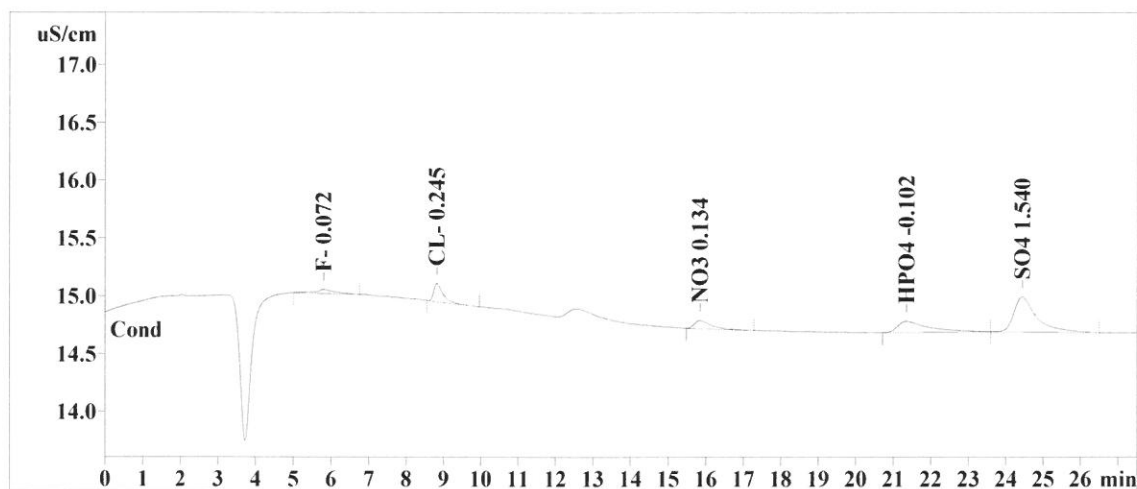
Ident: K5038-01
Analysis from: 9/26/2019 12:00:07 PM
File: _2019-09-26_

Last save: 9/27/2019 9:51:56 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68737

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.04g/100mL
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	5.79	0.416	0.04	5.44	1.307	5.23	0.
2	8.82	0.245	0.16	23.72	2.854	11.42	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	15.84	0.442	0.07	10.51	2.197	8.79	0.
6	21.34	0.793	0.10	14.31	5.600	22.40	0.
7	24.42	0.574	0.30	45.56	13.040	52.16	0.
7	27.50	0.353	0.66	99.55	24.999	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 9:52:32 AM
Printed by: wet

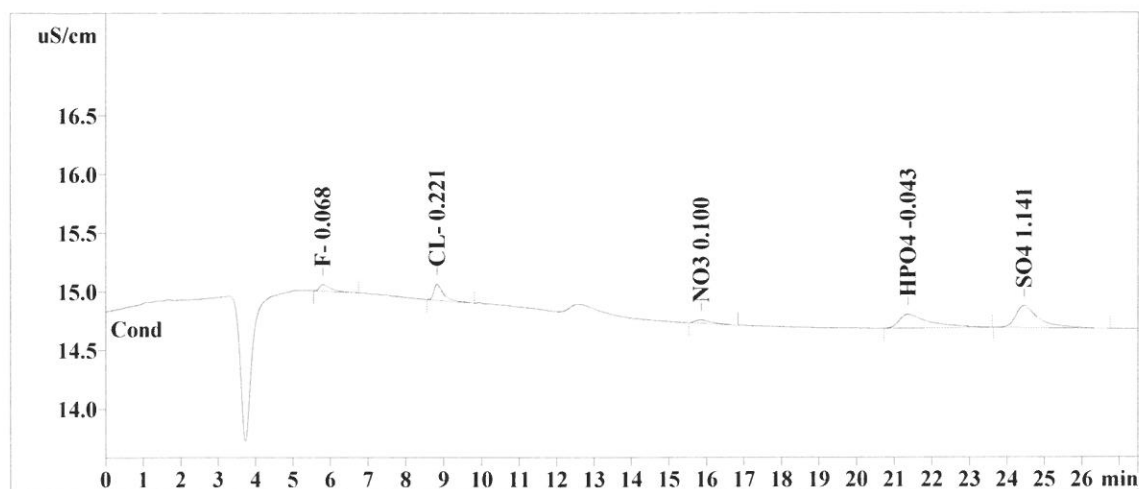
Ident: K5038-03
Analysis from: 9/26/2019 12:30:32 PM
File: _2019-09-26_

Last save: 9/27/2019 9:52:32 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68738

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.07g/100mL
: 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	5.80	0.300	0.06	10.45	1.207	6.17	0.
2	8.82	0.241	0.14	26.01	2.478	12.67	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	15.84	0.430	0.03	5.76	0.910	4.65	0.
6	21.36	0.753	0.12	21.98	6.671	34.10	0.
7	24.46	0.584	0.19	35.27	8.294	42.40	0.
7	27.50	0.330	0.53	99.47	19.560	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:01:03 AM
Printed by: wet

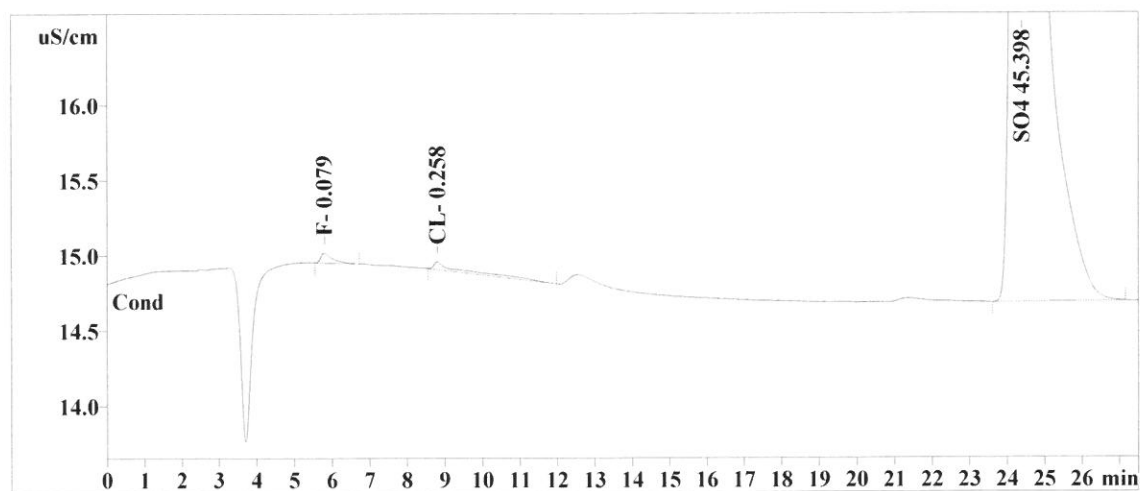
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Analysis from: 9/26/2019 1:00:56 PM
File: _2019-09-26_

Last save: 9/27/2019 10:01:04 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68739

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.04g/100mL
: 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	5.79	0.316	0.07	0.48	1.477	0.27	0.
2	8.80	0.258	0.05	0.38	3.060	0.57	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	24.38	0.544	13.44	99.14	534.527	99.16	0.
7	27.50	0.160	13.55	100.00	539.064	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:03:04 AM
Printed by: wet

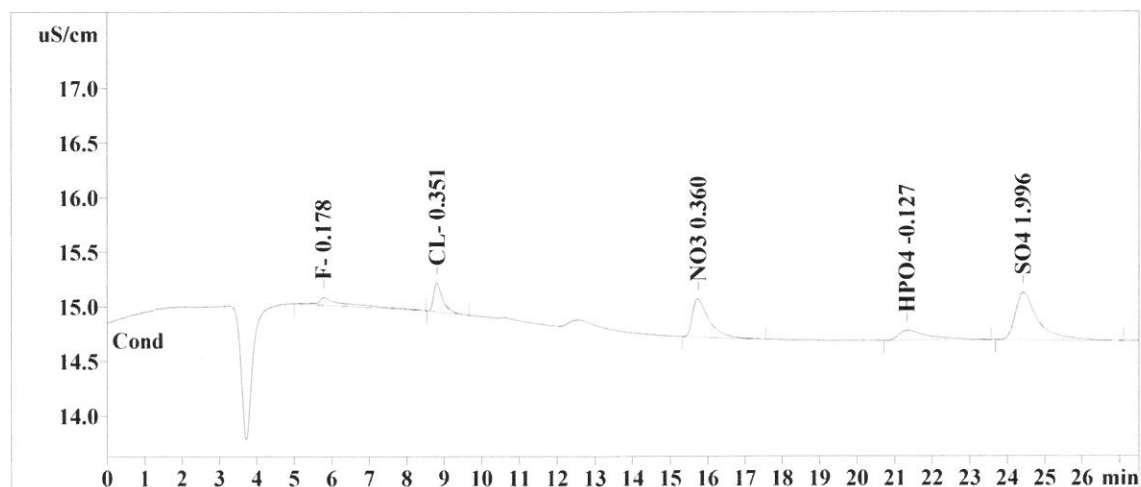
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Analysis from: 9/26/2019 1:31:22 PM
File: _2019-09-26_

Last save: 9/27/2019 10:03:04 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68740

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.07g/100mL
: 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	5.79	0.391	0.07	5.89	3.893	9.09	0.
2	8.80	0.242	0.26	21.62	4.501	10.51	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	15.73	0.438	0.35	28.89	10.811	25.25	0.
6	21.32	0.746	0.09	7.53	5.142	12.01	0.
7	24.42	0.565	0.44	35.88	18.465	43.13	0.
7	27.50	0.340	1.21	99.80	42.811	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:03:28 AM
Printed by: wet

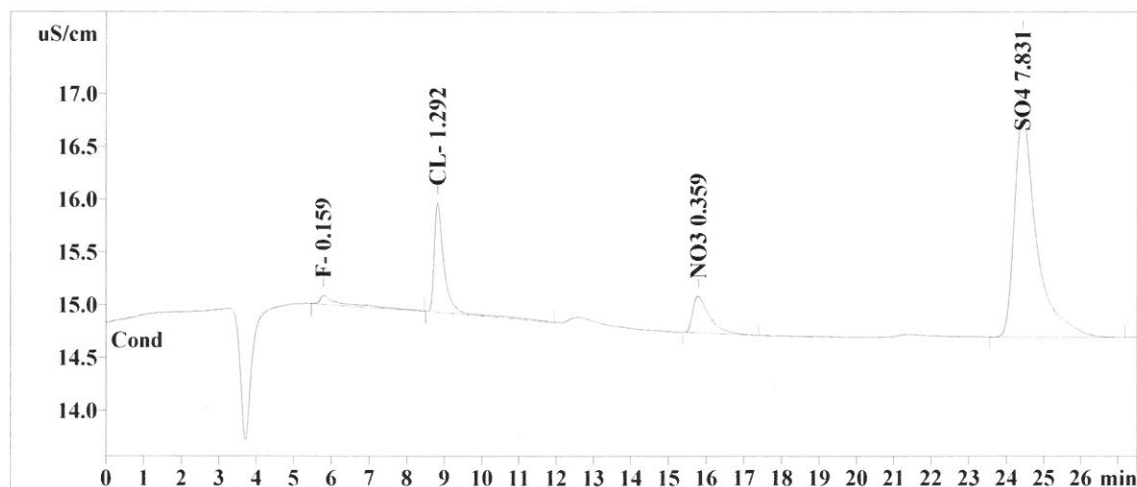
Ident: K5038-09
Analysis from: 9/26/2019 2:01:47 PM
File: _2019-09-26_

Last save: 9/26/2019 2:29:06 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68741

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.02g/100mL
: AK/AP
Vial number: 10
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	5.79	0.323	0.08	2.30	3.422	2.82	0.
2	8.81	0.239	1.03	28.85	19.185	15.83	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	15.78	0.441	0.35	9.73	10.776	8.89	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.41	0.560	2.11	59.08	87.842	72.46	0.
7	27.50	0.223	3.58	99.96	121.225	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:08:39 AM
Printed by: wet

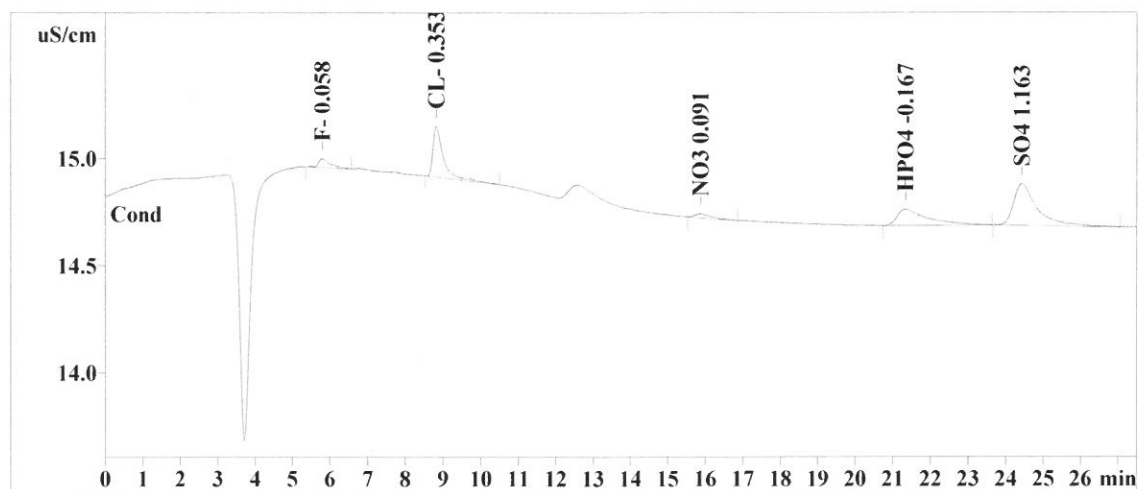
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Analysis from: 9/26/2019 2:32:11 PM
File: _2019-09-26_

Last save: 9/27/2019 10:04:52 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68742

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.00g/100mL
: AK/AP
Vial number: 11
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	0.308	0.04	7.25	0.968	5.08	0.
2	8.82	0.244	0.24	41.44	4.535	23.82	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	15.88	0.444	0.02	3.32	0.581	3.05	0.
6	21.32	0.759	0.08	13.40	4.404	23.13	0.
7	24.42	0.577	0.19	34.01	8.553	44.92	0.
7	27.50	0.333	0.57	99.43	19.041	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:08:44 AM
Printed by: wet

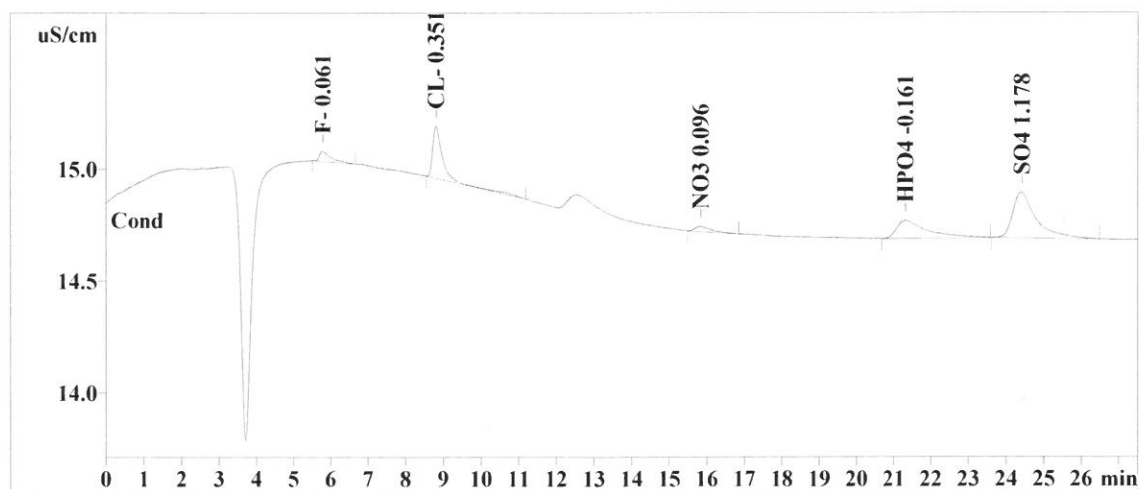
Ident: K5038-11DUP
Analysis from: 9/26/2019 3:02:36 PM
File: _2019-09-26_

Last save: 9/27/2019 10:08:36 AM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68743

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.01g/100mL
: 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	5.78	0.300	0.05	7.70	1.042	5.33	0.
2	8.80	0.242	0.23	39.37	4.504	23.04	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	15.82	0.453	0.02	4.02	0.745	3.81	0.
6	21.30	0.750	0.08	13.67	4.517	23.11	0.
7	24.39	0.570	0.20	34.74	8.738	44.70	0.
7	27.50	0.331	0.59	99.49	19.546	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:09:05 AM
Printed by: wet

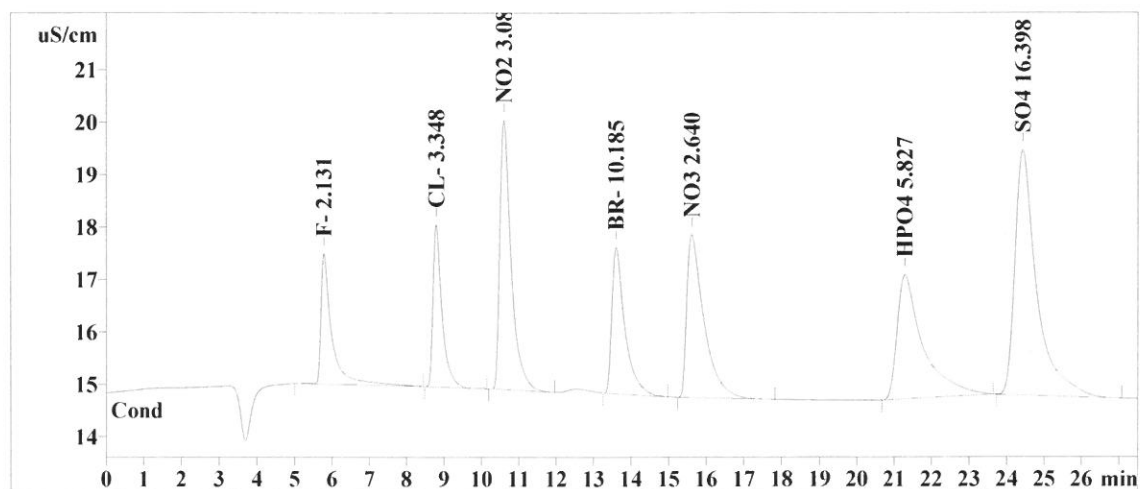
Ident: K5038-11MS
Analysis from: 9/26/2019 3:33:01 PM
File: _2019-09-26_

Last save: 9/26/2019 4:00:20 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68744

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.03g/100mL
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	5.78	0.248	2.48	10.50	51.460	7.58	0.
2	8.79	0.233	3.09	13.07	51.249	7.55	0.
3	10.60	0.301	5.13	21.72	107.706	15.86	0.
4	13.60	0.344	2.78	11.79	67.907	10.00	0.
5	15.62	0.451	3.10	13.14	97.727	14.39	0.
6	21.29	0.621	2.36	10.00	113.262	16.68	0.
7	24.42	0.549	4.67	19.78	189.709	27.94	0.
7	27.50	0.392	23.62	99.99	679.018	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:09:13 AM
Printed by: wet

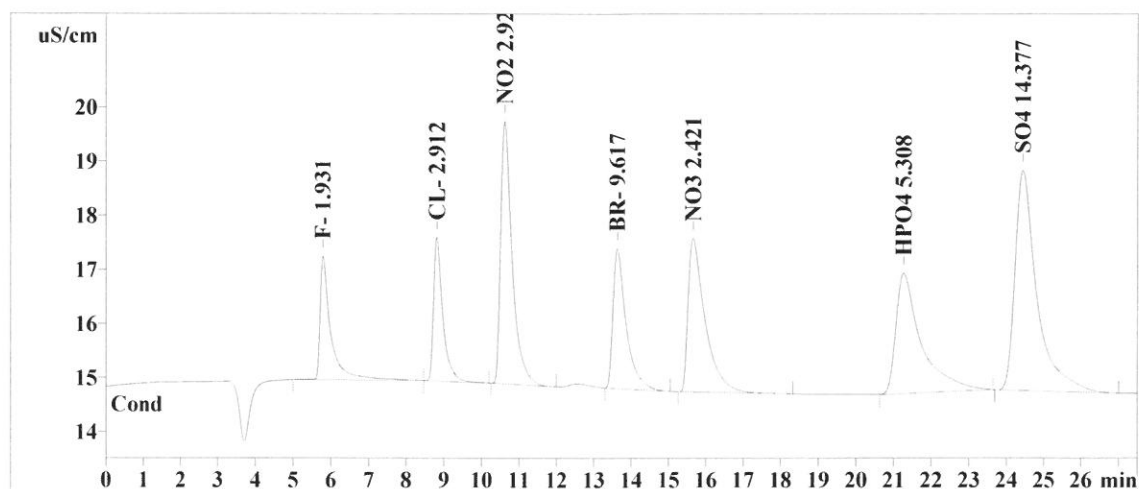
Ident: CCV
Analysis from: 9/26/2019 4:03:26 PM
File: _2019-09-26_

Last save: 9/26/2019 4:30:46 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68745

Last save: 9/13/2019 1:05:12 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	5.78	0.246	2.28	10.60	46.600	7.57	0.
2	8.81	0.234	2.65	12.34	44.450	7.22	0.
3	10.61	0.301	4.84	22.56	102.052	16.57	0.
4	13.62	0.350	2.58	12.02	63.977	10.39	0.
5	15.66	0.449	2.83	13.19	89.349	14.51	0.
6	21.26	0.601	2.22	10.36	103.827	16.86	0.
7	24.43	0.550	4.06	18.93	165.672	26.90	0.
7	27.50	0.390	21.47	100.00	615.928	100.00	0.

This report has been created by IC Net
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Report date: 9/27/2019 10:09:21 AM
Printed by: wet

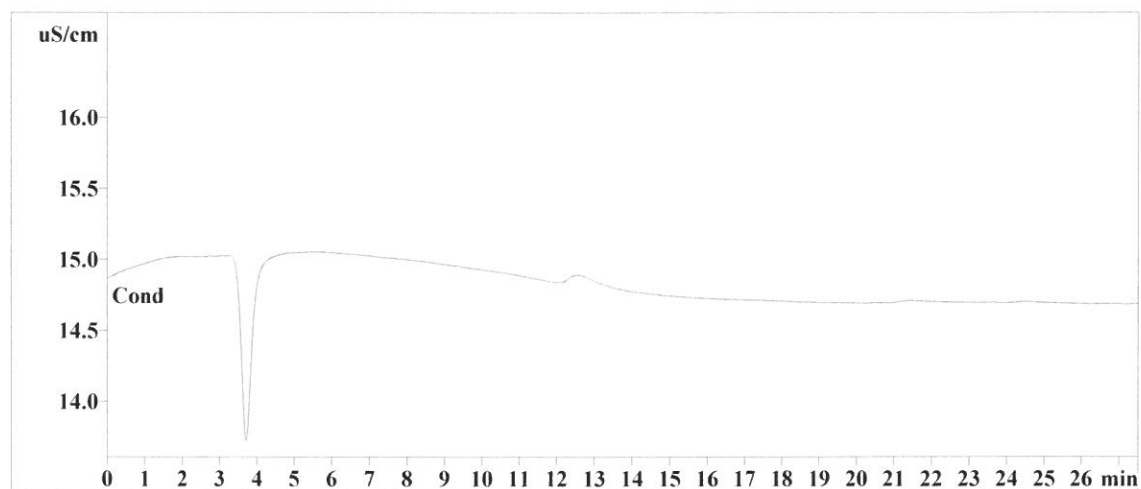
Ident: CCB
Analysis from: 9/26/2019 4:33:51 PM
File: _2019-09-26_

Last save: 9/26/2019 5:01:10 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68746

Last save: 9/13/2019 1:05:12 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: 9/27/2019 10:09:28 AM
Printed by: wet

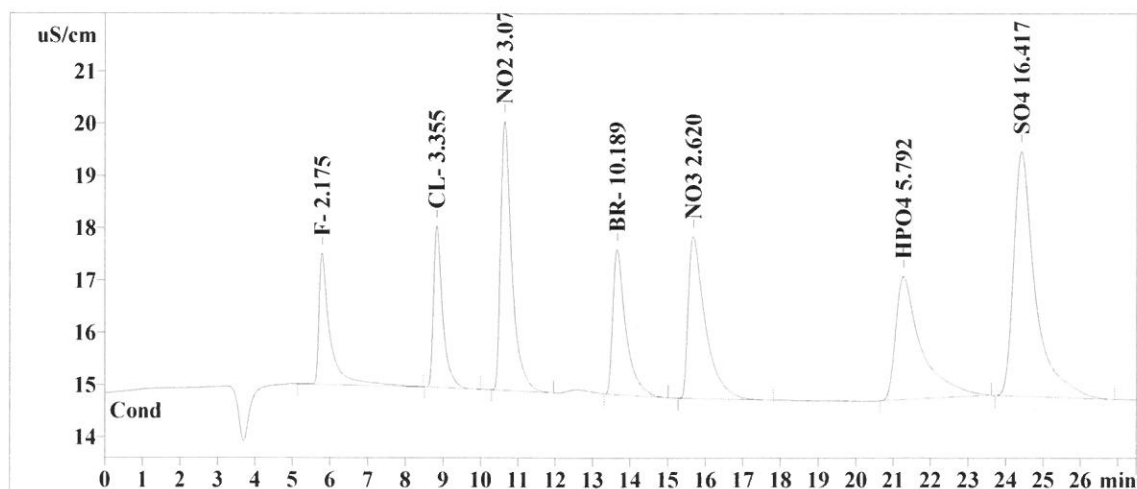
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Analysis from: 9/26/2019 5:04:16 PM
File: _2019-09-26_

Last save: 9/26/2019 5:31:36 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68747

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.02g/100mL
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	5.78	0.252	2.50	10.58	52.535	7.74	0.
2	8.82	0.233	3.09	13.07	51.358	7.56	0.
3	10.63	0.299	5.14	21.74	107.606	15.85	0.
4	13.65	0.344	2.78	11.75	67.936	10.01	0.
5	15.67	0.445	3.10	13.10	96.953	14.28	0.
6	21.26	0.615	2.36	9.96	112.621	16.59	0.
7	24.40	0.547	4.68	19.78	189.928	27.97	0.
7	27.50	0.391	23.65	99.98	678.938	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:09:36 AM
Printed by: wet

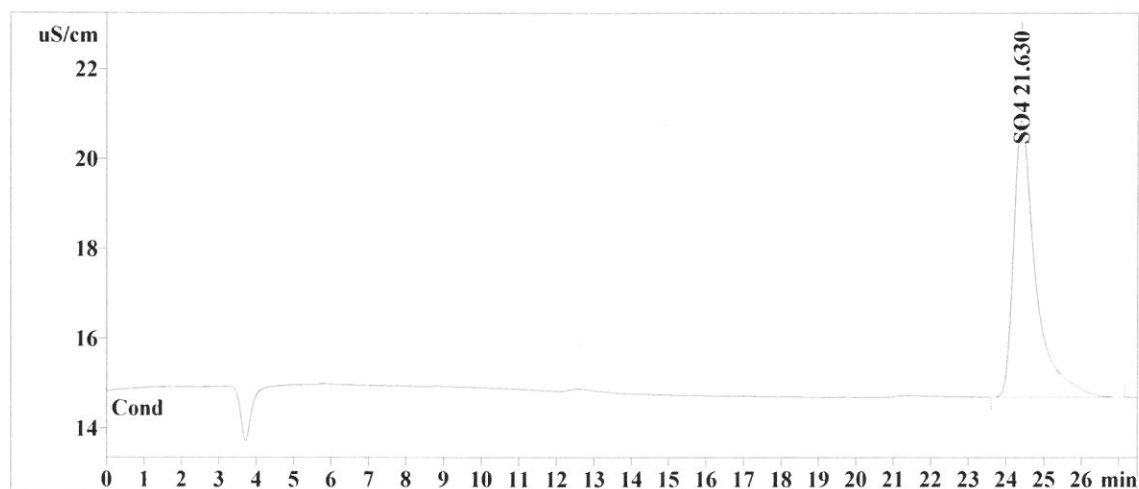
Ident: K5038-05DLX2
Analysis from: 9/26/2019 5:34:41 PM
File: _2019-09-26_

Last save: 9/26/2019 6:02:00 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68748

Last save: 9/13/2019 1:05:12 PM

SAMPLE: 5.04g/100mL
AK/AP
Vial number: 15
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	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	0.552	6.15	100.00	251.918	100.00	0.
7	27.50	0.079	6.15	100.00	251.918	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/27/2019 10:09:44 AM
Printed by: wet

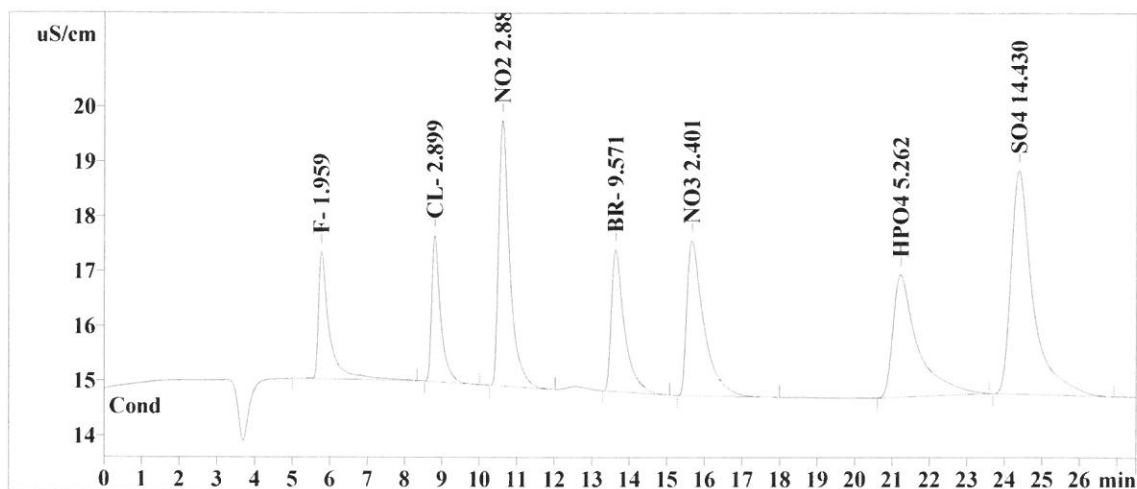
Ident: CCV
Analysis from: 9/26/2019 6:05:06 PM
File: _2019-09-26_

Last save: 9/26/2019 6:32:24 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68749

Last save: 9/13/2019 1:05:12 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	5.78	0.244	2.32	10.79	47.271	7.70	0.
2	8.80	0.233	2.66	12.36	44.255	7.21	0.
3	10.61	0.296	4.84	22.47	100.537	16.38	0.
4	13.63	0.346	2.58	11.99	63.655	10.37	0.
5	15.66	0.444	2.82	13.11	88.589	14.44	0.
6	21.22	0.592	2.23	10.35	103.000	16.79	0.
7	24.37	0.548	4.07	18.92	166.299	27.10	0.
7	27.50	0.386	21.53	99.99	613.607	100.00	0.

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METROHM LTD

Report date: 9/27/2019 10:09:53 AM
Printed by: wet

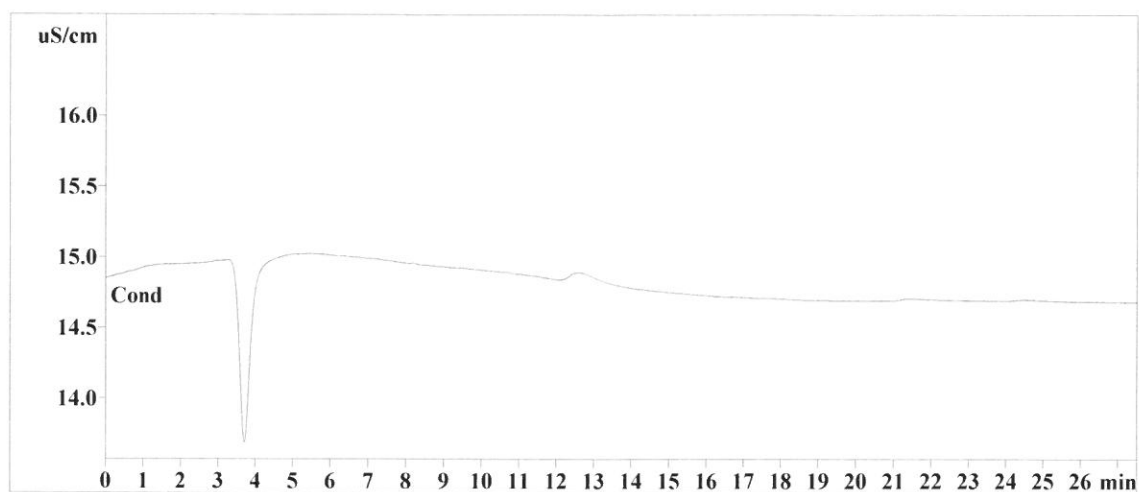
Ident: CCB
Analysis from: 9/26/2019 6:35:31 PM
File: _2019-09-26_

Last save: 9/26/2019 7:02:50 PM

Method: ANIONS 09-11-19.mtw
Run operator: wet
Analysis number: 68750

Last save: 9/13/2019 1:05:12 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
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