

M300.0 JIC-1

CT
08/30/19

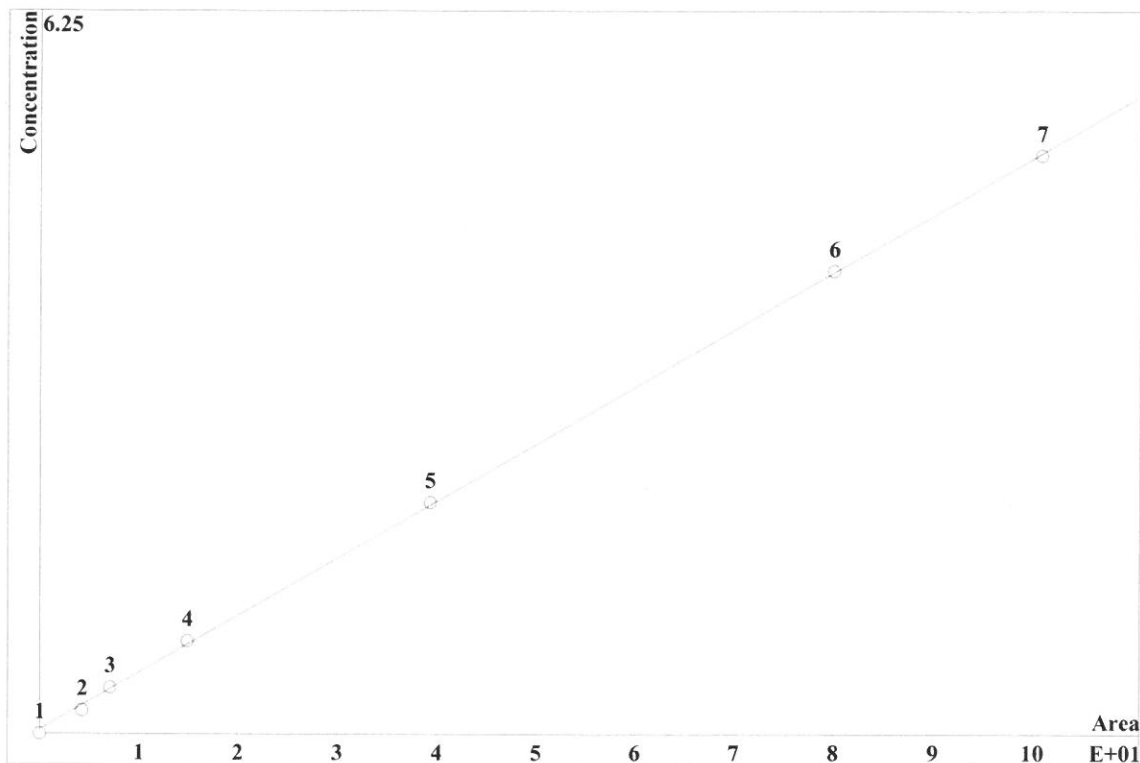
Clear table

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	2019-08-12_	8/12/19 9:48		AK/AP
STD2	0.2490	0.3650	0.3700	1.2150	0.3130	0.3860	1.9040	2019-08-12_	8/12/19 10:19		AK/AP
STD3	0.3890	0.6190	0.6260	2.0510	0.5220	1.0200	3.1700	2019-08-12_	8/12/19 10:51		AK/AP
STD4	0.7740	1.1780	1.1600	3.8780	0.9820	2.0780	5.8390	2019-08-12_	8/12/19 11:22		AK/AP
STD5	1.9780	2.9230	2.9250	9.8490	2.4220	5.0870	14.5000	2019-08-12_	8/12/19 11:54		AK/AP
STD6	3.9890	5.9330	5.9530	19.7450	4.9240	9.8880	29.5770	2019-08-12_	8/12/19 12:25		AK/AP
STD7	5.0200	7.5800	7.5660	25.2630	6.3360	12.5430	38.0100	2019-08-12_	8/12/19 12:57		AK/AP
ICV	1.9830	2.9590	2.9580	9.7150	2.4790	5.1690	14.6890	2019-08-12_	8/12/19 13:37		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-08-12_	8/12/19 14:18		AK/AP
CCV	1.9430	2.8520	2.8470	9.5860	2.3790	4.9820	13.9910	2019-08-29_	8/29/19 9:10		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-08-29_	8/29/19 9:41		AK/AP
LB104884BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-08-29_	8/29/19 10:12		AK/AP
LB104884BSW	1.9490	2.9140	2.8740	9.7410	2.4350	5.1870	14.4560	2019-08-29_	8/29/19 10:43		AK/AP
K4604-01	0.0000	0.1730	0.0000	0.0000	0.0000	0.0000	0.5450	2019-08-29_	8/29/19 11:35		CT/AP
K4604-01DUP	0.0000	0.1770	0.0000	0.0000	0.0000	0.0000	0.5410	2019-08-29_	8/29/19 12:06		CT/AP
K4604-01MS	2.0800	3.0430	2.9190	9.9090	2.5180	5.3180	14.8970	2019-08-29_	8/29/19 12:37		CT/AP
K4604-01MSD	1.9290	2.9680	2.8340	9.5140	2.4280	5.0560	14.2470	2019-08-29_	8/29/19 13:07		CT/AP
CCV	1.8940	2.8840	2.8750	9.6080	2.4000	4.9860	14.1590	2019-08-29_	8/29/19 13:38		CT/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-08-29_	8/29/19 14:09		CT/AP
K4615-01	0.0000	62.6950	0.0000	0.0000	2.5420	0.0000	23.3570	2019-08-29_	8/29/19 14:48		CT/AP
K4615-01DLX10	0.0000	4.8580	0.0000	0.0000	0.2940	0.0000	5.7420	2019-08-29_	8/29/19 15:19		CT/AP
CCV	1.9300	2.8910	2.8760	9.6340	2.4110	5.0320	14.0700	2019-08-29_	8/29/19 15:50		CT/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-08-29_	8/29/19 16:25		CT/AP

IC-1 cal
8-12-19 AR

CALIBRATION OF COMPONENT F-

Method: ANIONS 08-12-19.mtw
Equation: $Q = 0.988284 \cdot A + 0.730567$
RSD: 1.565 %
Correlation coefficient: 0.999897



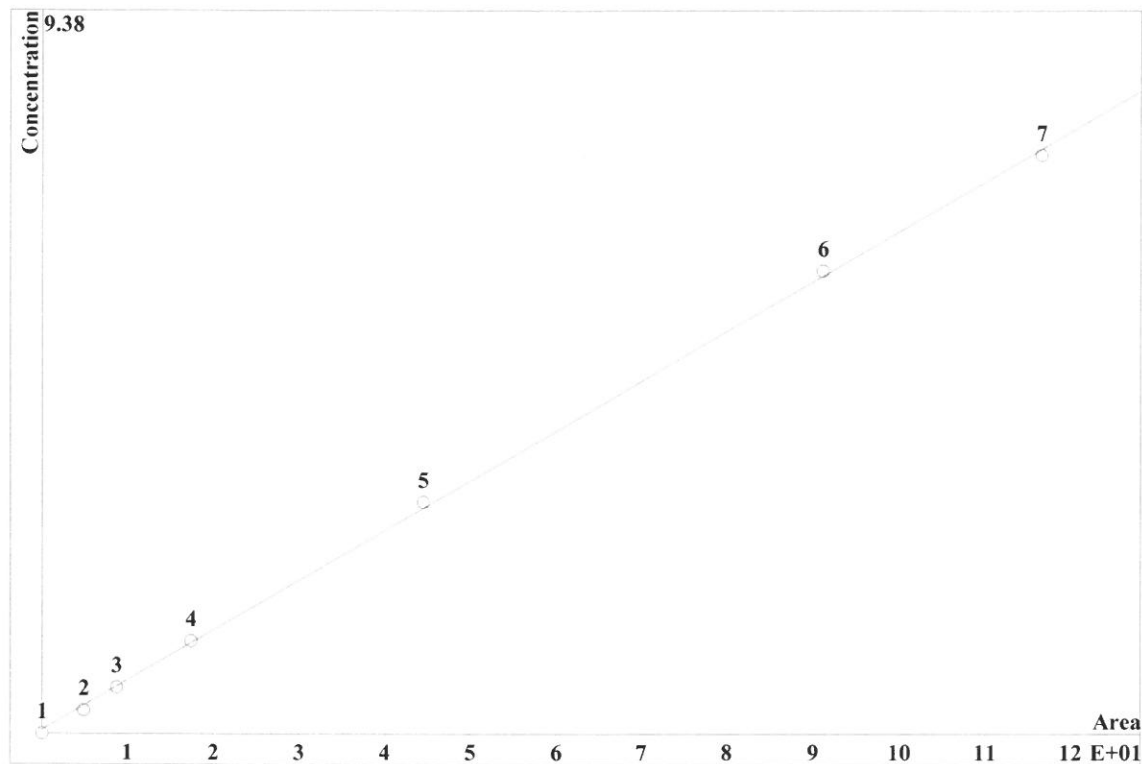
K3 = 0 K2 = 0 K1 = 0.988284 K0 = 0.730567

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	0.068	4.307	0.2	20	5.943	Yes	
3	0.1305	7.141	0.4	20	5.943	Yes	
4	0.2733	14.93	0.8	20	5.943	Yes	
5	0.7096	39.29	2	20	5.943	Yes	
6	1.496	79.99	4	20	5.943	Yes	
7	1.915	100.8	5	20	5.943	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 08-12-19.mtw
 Equation: $Q = 1.29207 \cdot A + 1.00228$
 RSD: 2.387 %
 Correlation coefficient: 0.999759



K3 = 0 K2 = 0 K1 = 1.29207 K0 = 1.00228

Base: Area

Ref.channel: Cond

ISTD:

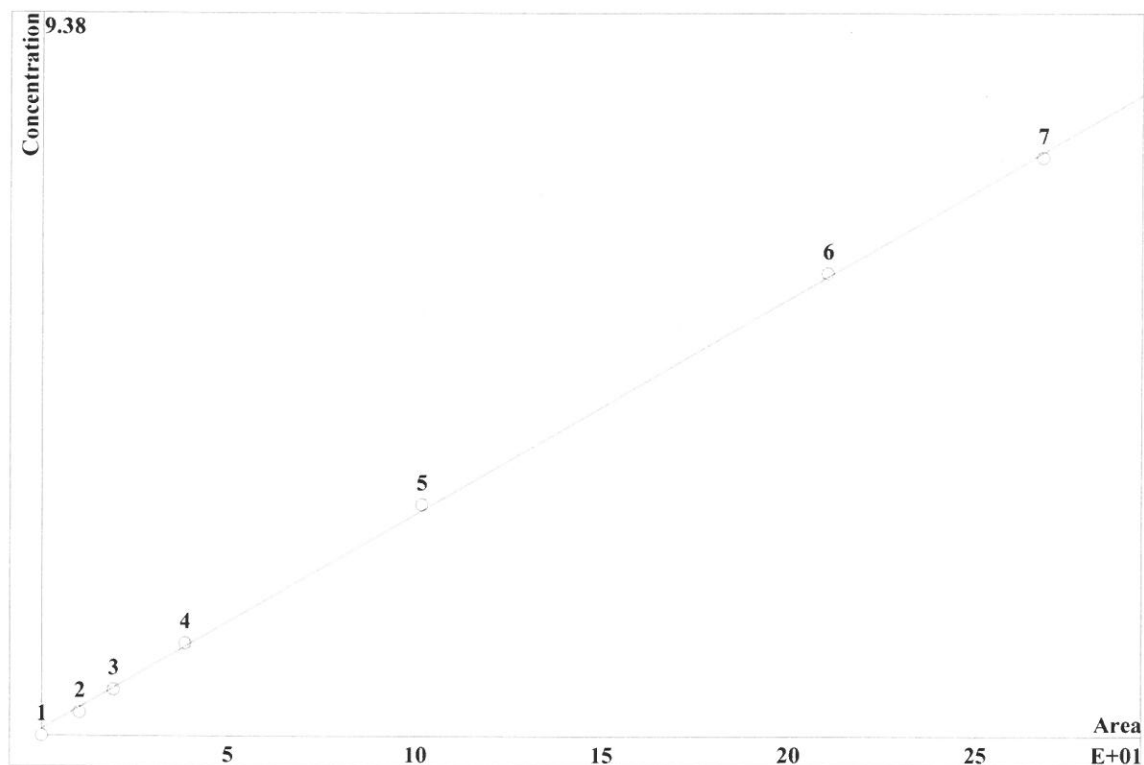
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.3469	4.878	0.3	20	8.829	Yes	
3	0.651	8.811	0.6	20	8.829	Yes	
4	1.291	17.47	1.2	20	8.829	Yes	
5	3.374	44.47	3	20	8.829	Yes	
6	7.009	91.07	6	20	8.829	Yes	
7	9.053	116.6	7.5	20	8.829	Yes	

CALIBRATION OF COMPONENT NO2

Method: ANIONS 08-12-19.mtw
 Equation: $Q = 0.558136 \cdot A + 1.74123$
 RSD: 2.242 %
 Correlation coefficient: 0.999787



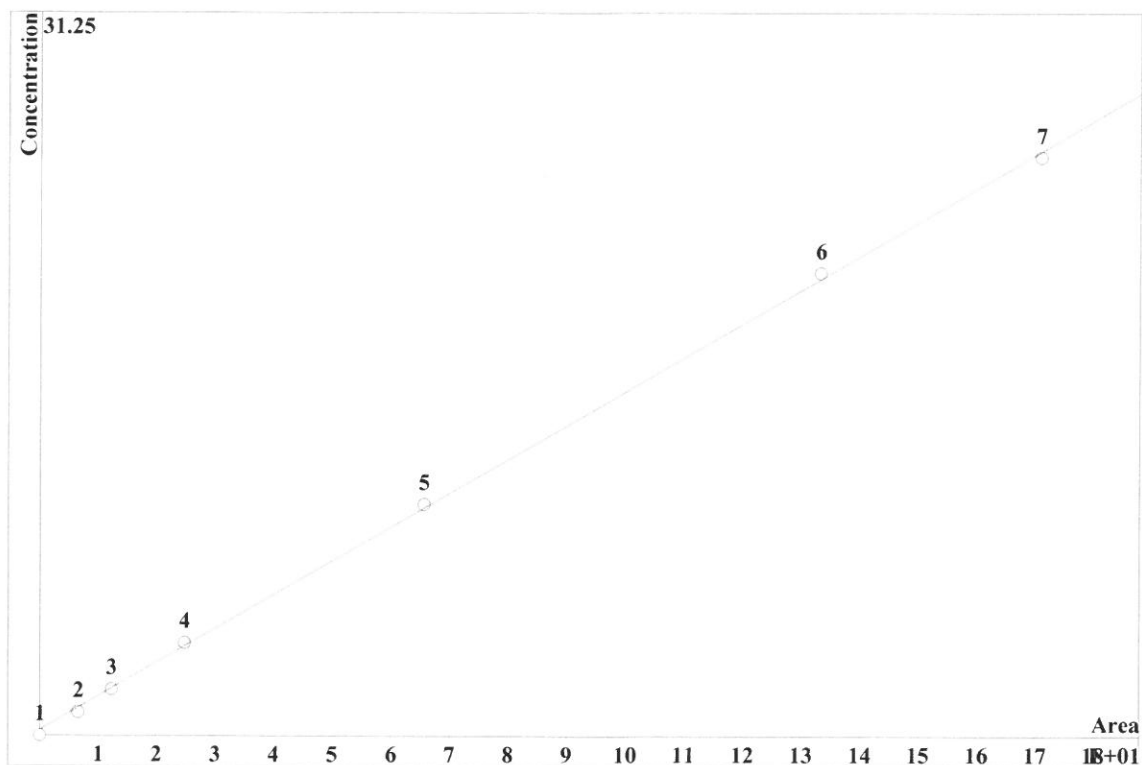
K3 = 0 K2 = 0 K1 = 0.558136 K0 = 1.74123

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	0.636	10.14	0.3	20	10.66	Yes	
3	1.201	19.3	0.6	20	10.66	Yes	
4	2.388	38.43	1.2	20	10.66	Yes	
5	6.168	101.7	3	20	10.66	Yes	
6	12.38	210.2	6	20	10.66	Yes	
7	15.64	268	7.5	20	10.66	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 08-12-19.mtw
 Equation: $Q = 2.92854 \cdot A + 4.91452$
 RSD: 2.273 %
 Correlation coefficient: 0.999782



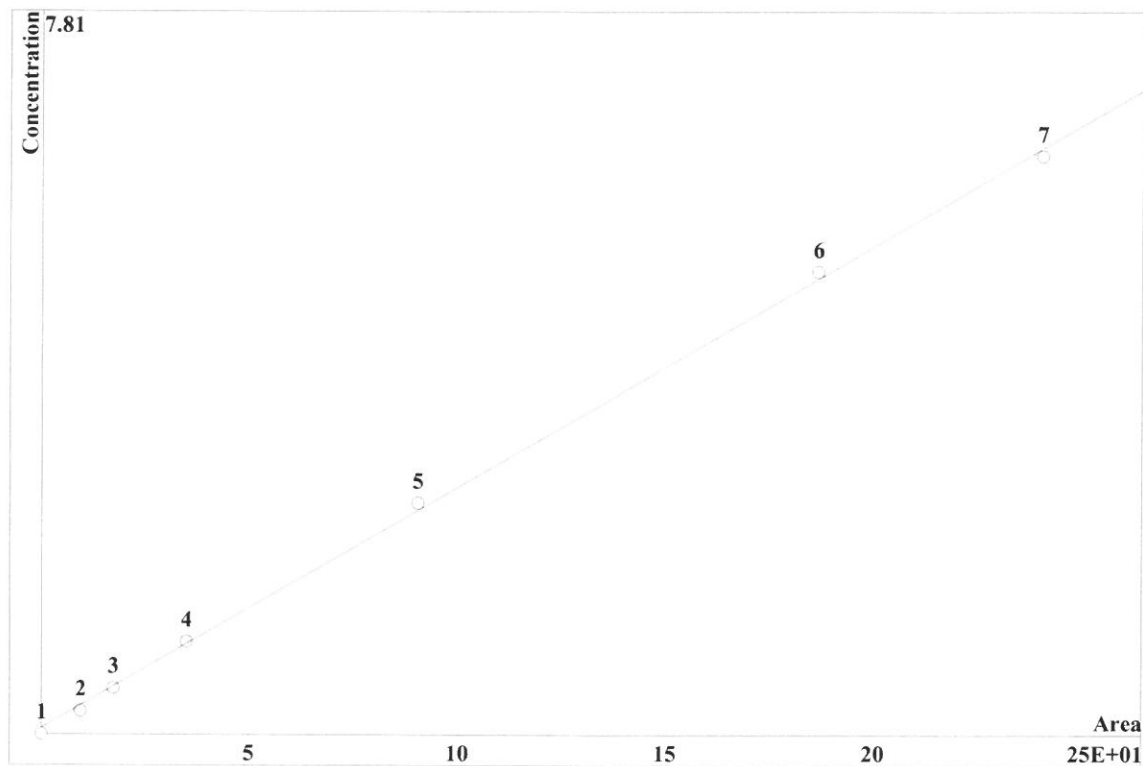
K3 = 0 K2 = 0 K1 = 2.92854 K0 = 4.91452

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	0.3295	6.619	1	20	13.72	Yes	
3	0.6246	12.33	2	20	13.72	Yes	
4	1.252	24.8	4	20	13.72	Yes	
5	3.333	65.58	10	20	13.72	Yes	
6	6.905	133.2	20	20	13.72	Yes	
7	8.901	170.8	25	20	13.72	Yes	

CALIBRATION OF COMPONENT NO3

Method: ANIONS 08-12-19.mtw
 Equation: $Q = 0.520397 \cdot A + 1.36067$
 RSD: 3.001 %
 Correlation coefficient: 0.999619



K3 = 0 K2 = 0 K1 = 0.520397 K0 = 1.36067

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

Weight: 1

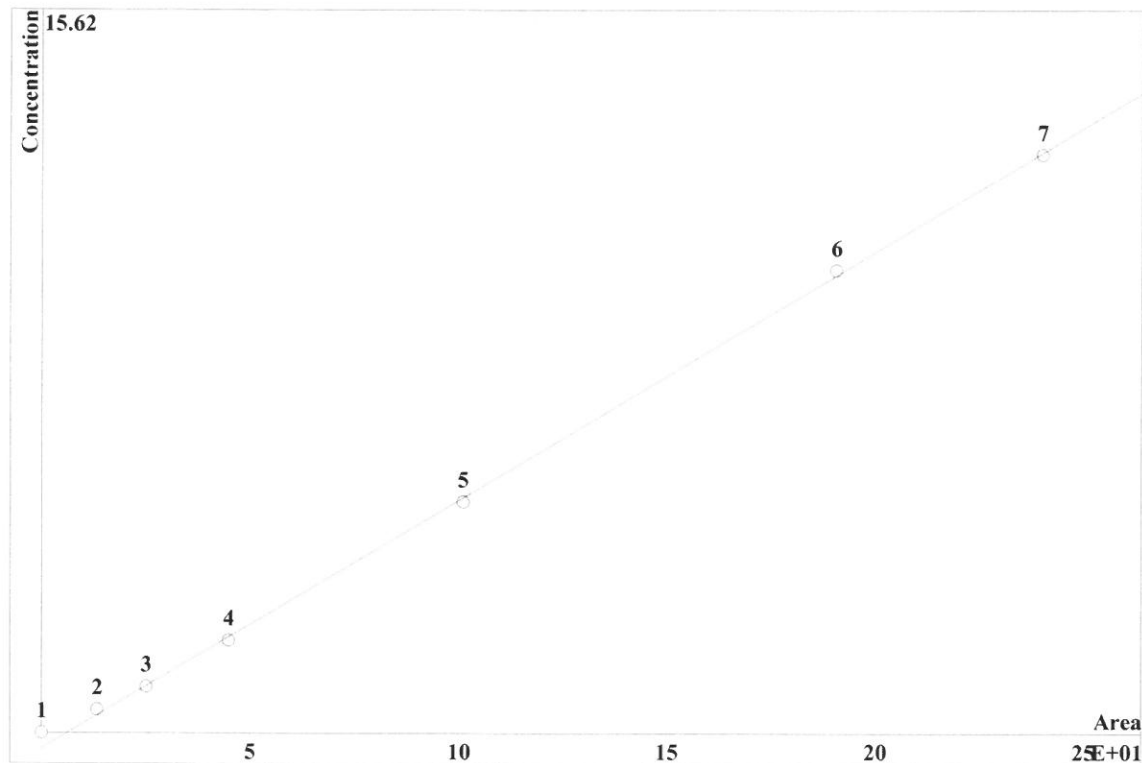
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
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1	0	0	0	0	0		No
2	0.3859	9.419	0.25	20	15.85		Yes
3	0.7249	17.45	0.5	20	15.85		Yes
4	1.434	35.12	1	20	15.85		Yes
5	3.746	90.47	2.5	20	15.85		Yes
6	7.677	186.6	5	20	15.85		Yes
7	9.919	240.9	6.25	20	15.85		Yes

±0.00

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 08-12-19.mtw
 Equation: $Q = 1.07309 \cdot A - 6.63055$
 RSD: 1.970 %
 Correlation coefficient: 0.999836



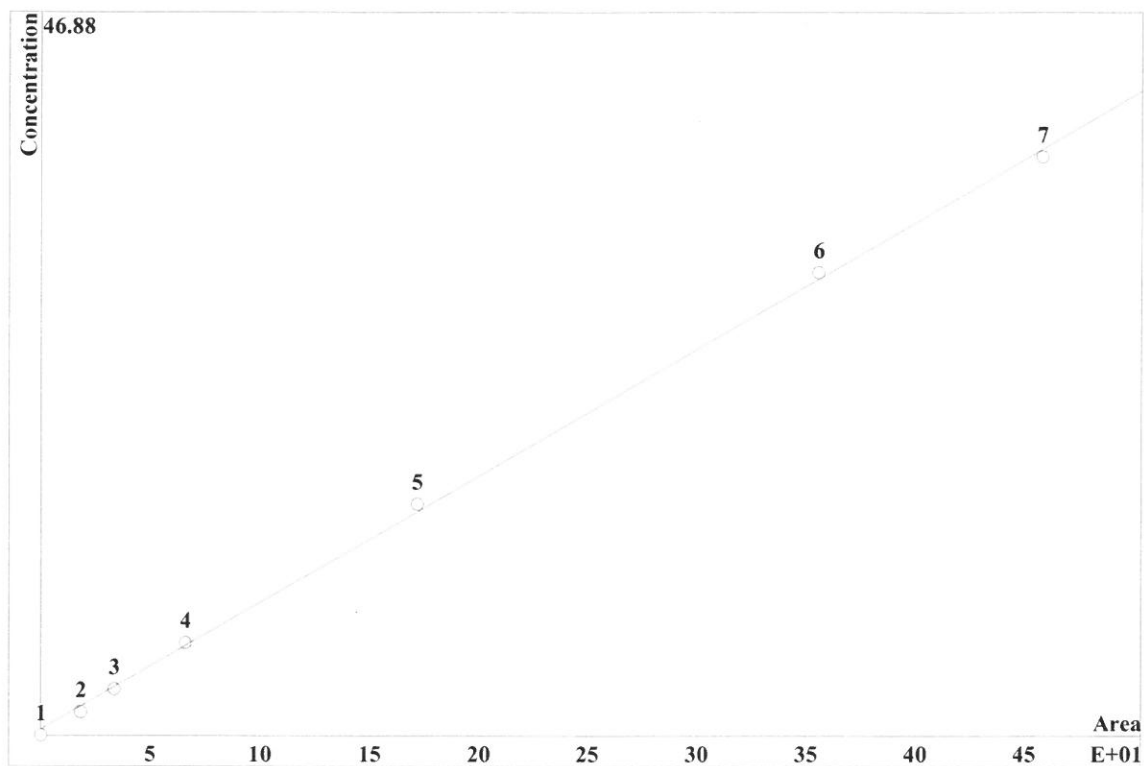
K3 = 0 K2 = 0 K1 = 1.07309 K0 = -6.63055

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	0.3191	13.37	0.5	20	21.46			Yes
3	0.6	25.19	1	20	21.46			Yes
4	1.108	44.9	2	20	21.46			Yes
5	2.547	101	5	20	21.46			Yes
6	4.926	190.5	10	20	21.46			Yes
7	6.302	239.9	12.5	20	21.46			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 08-12-19.mtw
 Equation: $Q = 1.64269 \cdot A + 7.89423$
 RSD: 3.073 %
 Correlation coefficient: 0.999601



K3 = 0 K2 = 0 K1 = 1.64269 K0 = 7.89423

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	0.5357	18.37	1.5	20	24.69	Yes	
3	0.9857	33.79	3	20	24.69	Yes	
4	1.937	66.29	6	20	24.69	Yes	
5	5.049	171.7	15	20	24.69	Yes	
6	10.45	355.3	30	20	24.69	Yes	
7	13.48	458	37.5	20	24.69	Yes	

Report date: 8/13/2019 9:20:56 AM
Printed by: wet

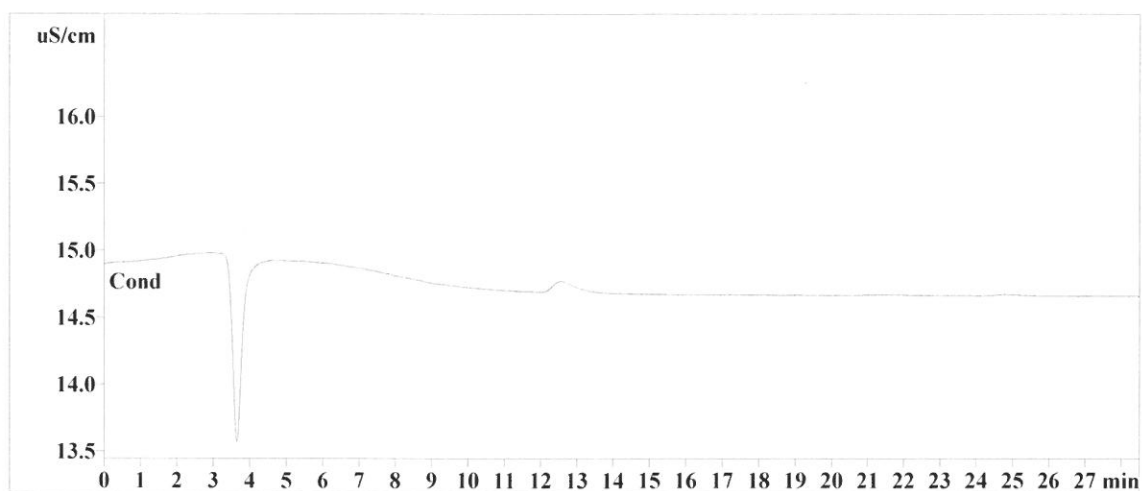
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Analysis from: 8/12/2019 9:48:32 AM
File: _2019-08-12_

Last save: 8/12/2019 2:14:24 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68281

Last save: 8/12/2019 2:10:34 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: 8/13/2019 9:21:04 AM
Printed by: wet

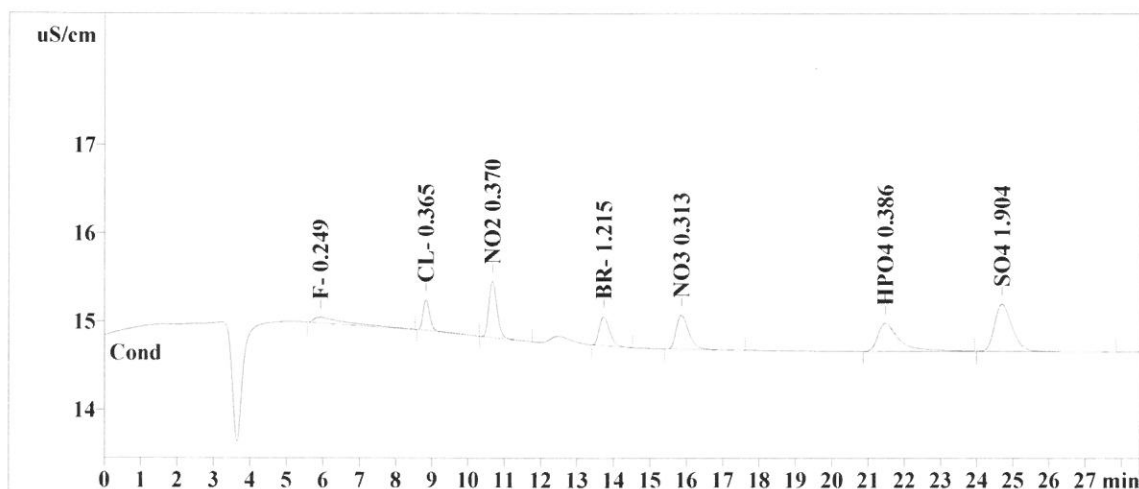
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Analysis from: 8/12/2019 10:19:57 AM
File: _2019-08-12_

Last save: 8/12/2019 2:14:24 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68282

Last save: 8/12/2019 2:10:34 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	5.94	0.781	0.07	2.57	4.307	6.42	0.
2	8.83	0.201	0.35	13.23	4.878	7.27	0.
3	10.66	0.242	0.64	24.25	10.136	15.11	0.
4	13.72	0.312	0.33	12.53	6.619	9.86	0.
5	15.85	0.366	0.39	14.71	9.419	14.04	0.
6	21.46	0.571	0.32	12.15	13.368	19.92	0.
7	24.69	0.516	0.54	20.42	18.373	27.38	0.
7	28.50	0.427	2.62	99.86	67.101	100.00	0.

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Report date: 8/13/2019 9:21:11 AM
Printed by: wet

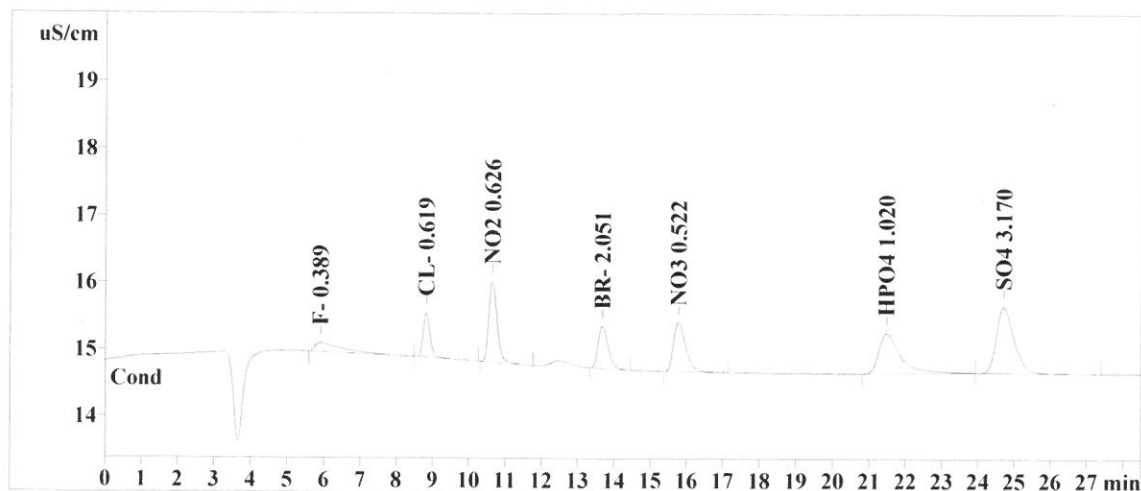
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Analysis from: 8/12/2019 10:51:21 AM
File: _2019-08-12_

Last save: 8/12/2019 2:14:24 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68283

Last save: 8/12/2019 2:10:34 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	5.90	0.775	0.13	2.64	7.141	5.76	0.
2	8.81	0.201	0.65	13.24	8.811	7.11	0.
3	10.63	0.243	1.20	24.43	19.297	15.56	0.
4	13.66	0.304	0.62	12.70	12.330	9.94	0.
5	15.77	0.365	0.72	14.73	17.451	14.07	0.
6	21.46	0.578	0.60	12.19	25.188	20.31	0.
7	24.70	0.516	0.99	20.04	33.788	27.25	0.
7	28.50	0.426	4.92	99.96	124.006	100.00	0.

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Report date: 8/13/2019 9:21:20 AM
Printed by: wet

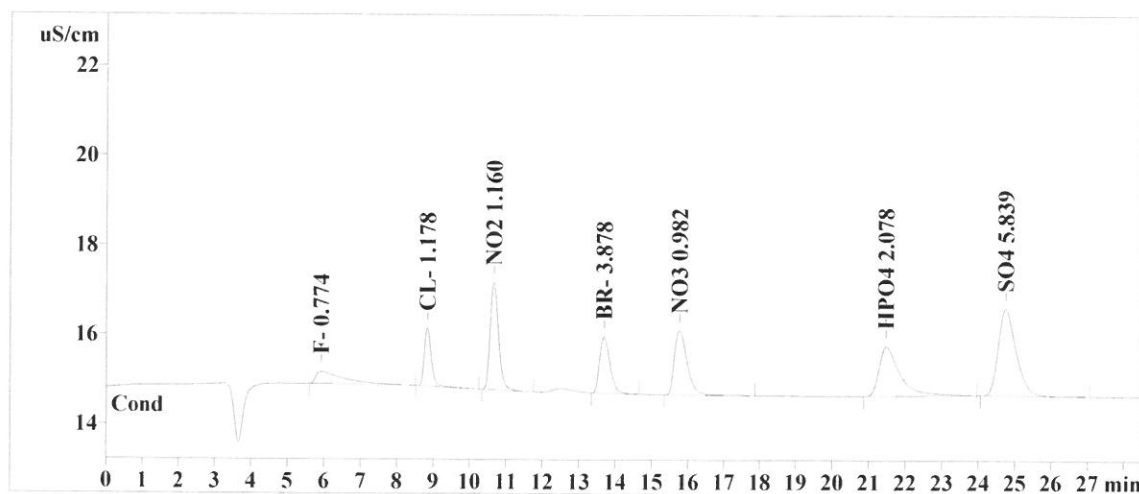
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Analysis from: 8/12/2019 11:22:46 AM
File: _2019-08-12_

Last save: 8/12/2019 2:14:24 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68284

Last save: 8/12/2019 2:10:34 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	5.92	0.757	0.27	2.82	14.932	6.17	0.
2	8.83	0.202	1.29	13.33	17.465	7.22	0.
3	10.65	0.245	2.39	24.66	38.430	15.88	0.
4	13.67	0.304	1.25	12.93	24.803	10.25	0.
5	15.76	0.370	1.43	14.80	35.122	14.52	0.
6	21.47	0.559	1.11	11.44	44.903	18.56	0.
7	24.73	0.517	1.94	20.00	66.291	27.40	0.
7	28.50	0.422	9.68	99.98	241.946	100.00	0.

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Report date: 8/13/2019 9:21:29 AM
Printed by: wet

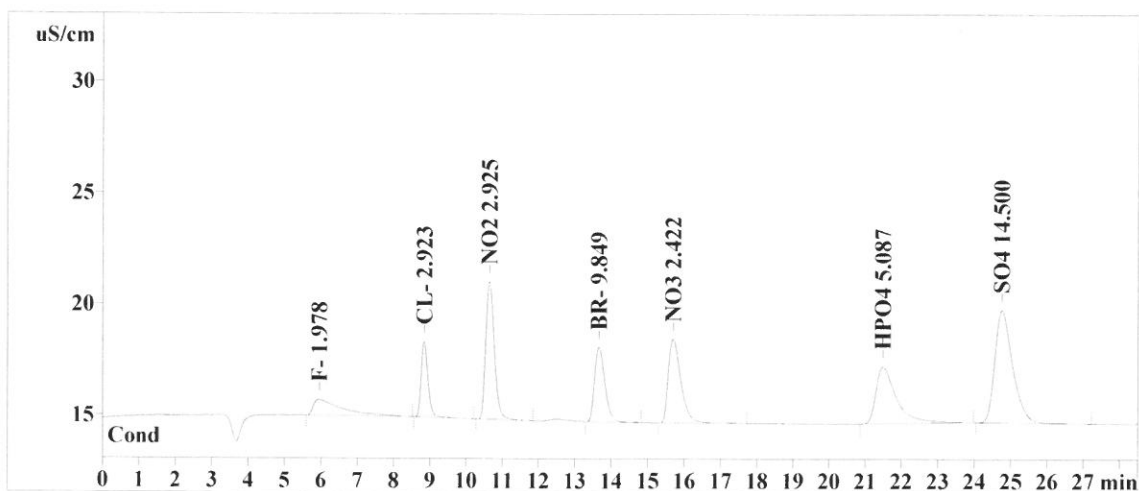
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File: _2019-08-12_

Last save: 8/12/2019 2:14:24 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68285

Last save: 8/12/2019 2:10:34 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	5.95	0.748	0.71	2.85	39.292	6.40	0.
2	8.84	0.199	3.37	13.54	44.473	7.24	0.
3	10.64	0.251	6.17	24.75	101.710	16.56	0.
4	13.65	0.301	3.33	13.37	65.581	10.68	0.
5	15.69	0.366	3.75	15.03	90.471	14.73	0.
6	21.49	0.550	2.55	10.22	100.980	16.44	0.
7	24.75	0.514	5.05	20.25	171.729	27.96	0.
7	28.50	0.419	24.93	99.99	614.236	100.00	0.

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Report date: 8/13/2019 9:21:37 AM
Printed by: wet

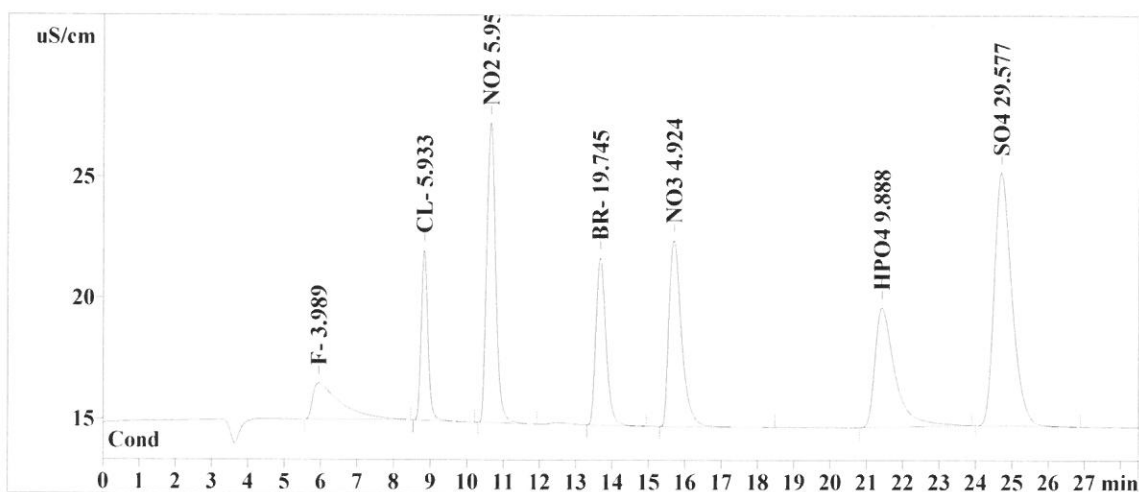
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Analysis from: 8/12/2019 12:25:36 PM
File: _2019-08-12_

Last save: 8/12/2019 2:14:24 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68286

Last save: 8/12/2019 2:10:34 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	5.94	0.744	1.50	2.94	79.991	6.42	0.
2	8.82	0.196	7.01	13.79	91.067	7.30	0.
3	10.62	0.259	12.38	24.35	210.204	16.86	0.
4	13.66	0.293	6.90	13.58	133.168	10.68	0.
5	15.68	0.366	7.68	15.10	186.643	14.97	0.
6	21.41	0.543	4.93	9.69	190.461	15.28	0.
7	24.68	0.516	10.44	20.55	355.299	28.50	0.
7	28.50	0.417	50.83	100.00	1246.832	100.00	0.

This report has been created by IC Net
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Report date: 8/13/2019 9:21:45 AM
Printed by: wet

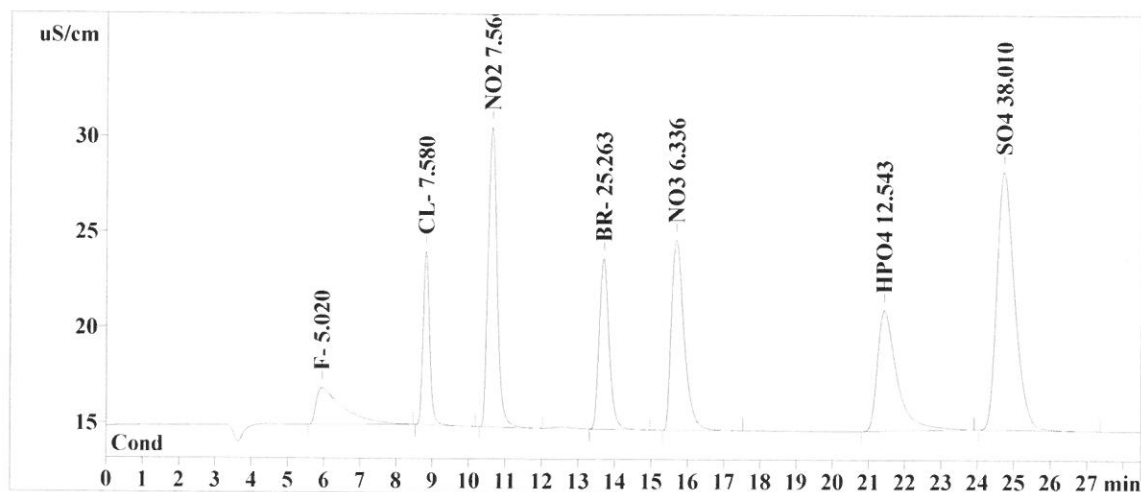
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Analysis from: 8/12/2019 12:57:01 PM
File: _2019-08-12_

Last save: 8/12/2019 2:15:16 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68287

Last save: 8/12/2019 2:10:34 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	5.94	0.728	1.91	2.94	100.841	6.32	0.
2	8.82	0.195	9.05	13.88	116.562	7.31	0.
3	10.61	0.262	15.64	23.99	268.009	16.80	0.
4	13.67	0.291	8.90	13.65	170.848	10.71	0.
5	15.67	0.365	9.92	15.21	240.906	15.10	0.
6	21.41	0.536	6.30	9.66	239.944	15.04	0.
7	24.71	0.517	13.48	20.67	457.977	28.71	0.
7	28.50	0.413	65.21	100.00	1595.086	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/13/2019 9:22:15 AM
Printed by: wet

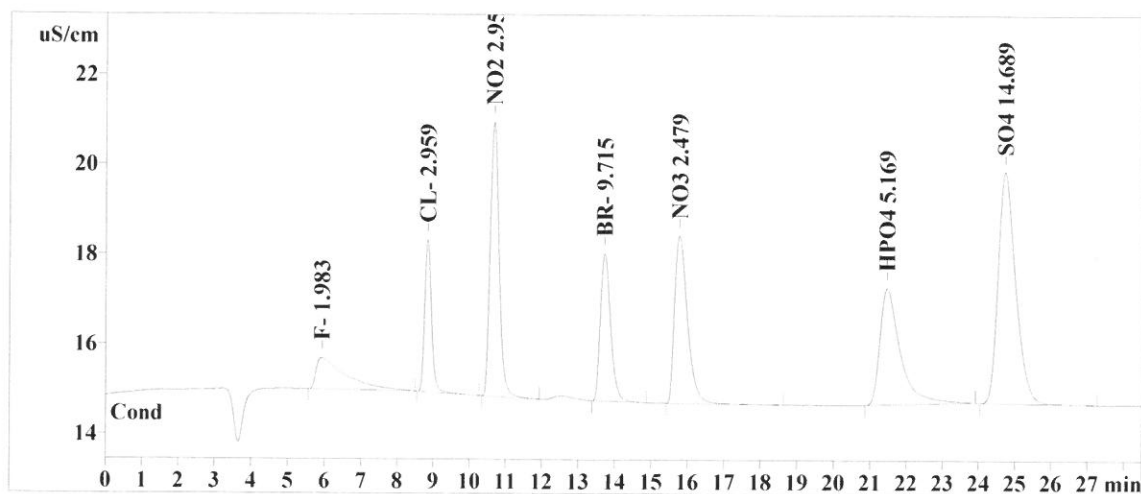
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Analysis from: 8/12/2019 1:37:26 PM
File: _2019-08-12_

Last save: 8/12/2019 2:15:16 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68288

Last save: 8/12/2019 2:10:34 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	5.92	0.779	0.70	2.80	39.401	6.34	0.
2	8.83	0.201	3.38	13.57	45.027	7.25	0.
3	10.65	0.256	6.10	24.49	102.860	16.56	0.
4	13.71	0.302	3.28	13.16	64.668	10.41	0.
5	15.77	0.377	3.72	14.93	92.660	14.92	0.
6	21.45	0.551	2.59	10.40	102.511	16.50	0.
7	24.71	0.512	5.14	20.65	174.031	28.02	0.
7	28.50	0.425	24.90	100.00	621.158	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/13/2019 9:23:53 AM
Printed by: wet

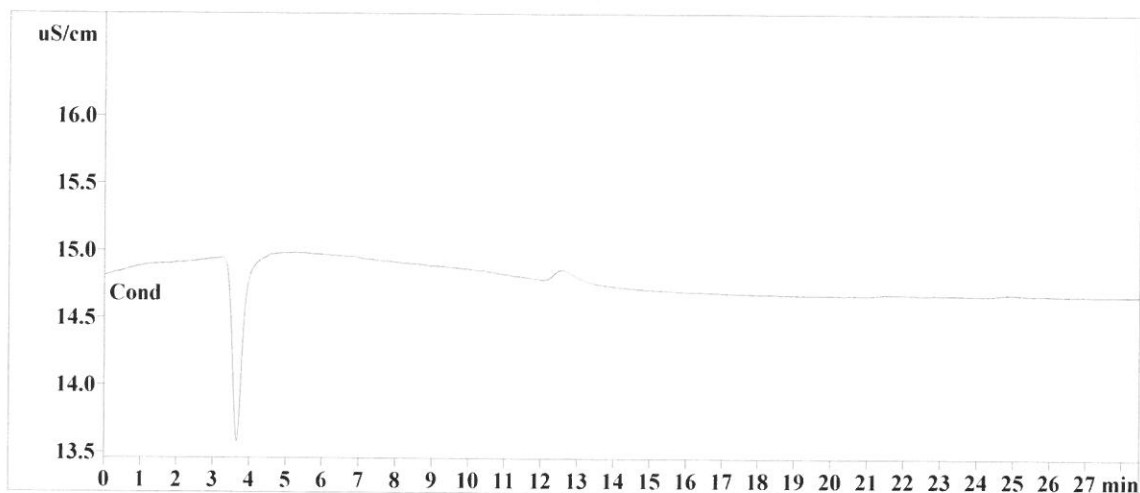
Ident: ICB
Analysis from: 8/12/2019 2:18:43 PM
File: _2019-08-12_

Last save: 8/12/2019 2:47:02 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68289

Last save: 8/12/2019 2:14:14 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: 8/30/2019 9:50:27 AM
Printed by: wet

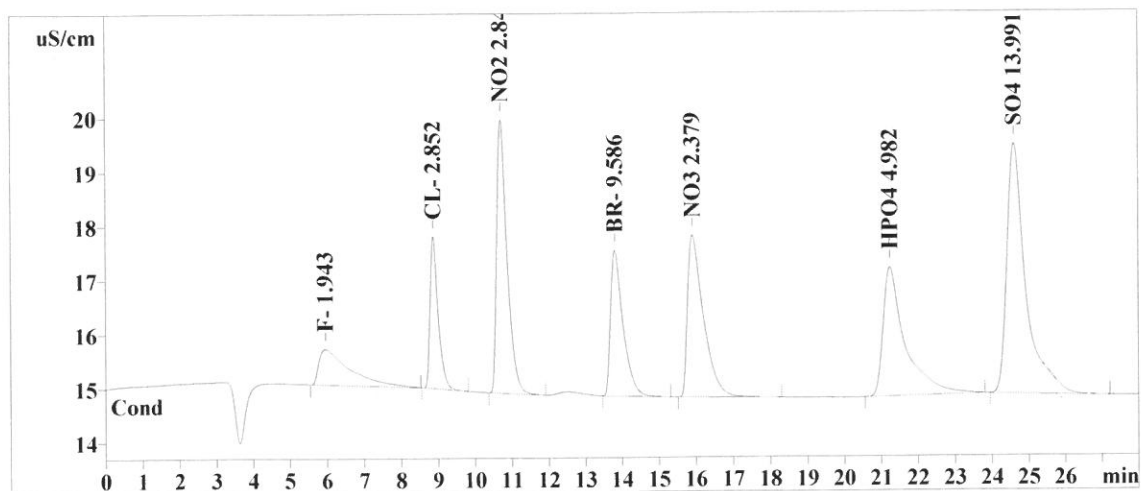
Ident: CCV
Analysis from: 8/29/2019 9:10:22 AM
File: _2019-08-29_

Last save: 8/29/2019 9:38:12 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68456

Last save: 8/27/2019 11:08:12 AM

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	5.95	0.799	0.66	3.12	38.576	6.45	0.
2	8.86	0.226	2.80	13.23	43.370	7.25	0.
3	10.69	0.291	5.05	23.83	98.900	16.54	0.
4	13.80	0.346	2.69	12.71	63.790	10.67	0.
5	15.91	0.441	2.99	14.10	88.811	14.85	0.
6	21.24	0.511	2.38	11.23	99.041	16.56	0.
7	24.61	0.477	4.62	21.77	165.540	27.68	0.
7	28.00	0.442	21.20	99.99	598.028	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:50:40 AM
Printed by: wet

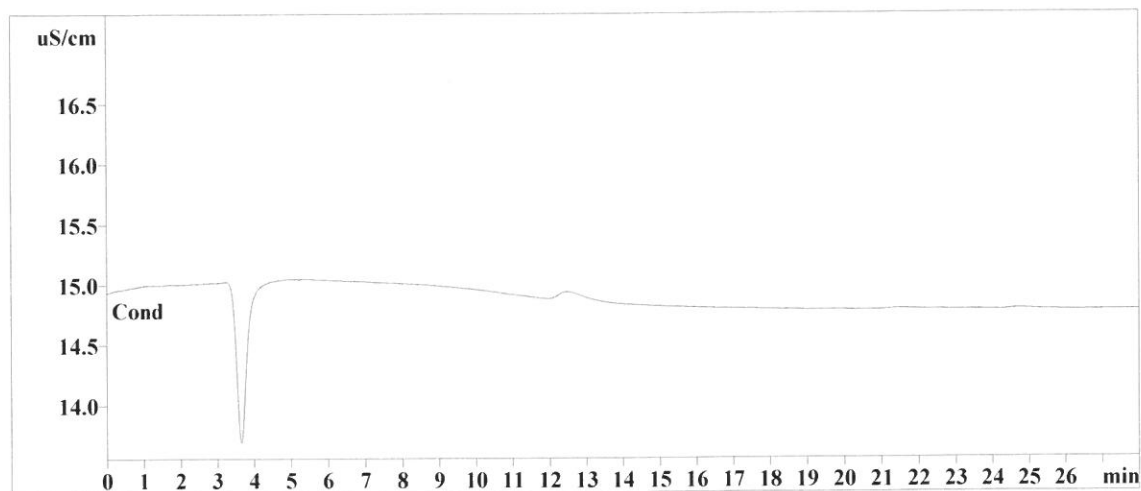
Ident: CCB
Analysis from: 8/29/2019 9:41:17 AM
File: _2019-08-29_

Last save: 8/29/2019 11:08:52 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68457

Last save: 8/27/2019 11:08:12 AM

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: 8/30/2019 9:50:51 AM
Printed by: wet

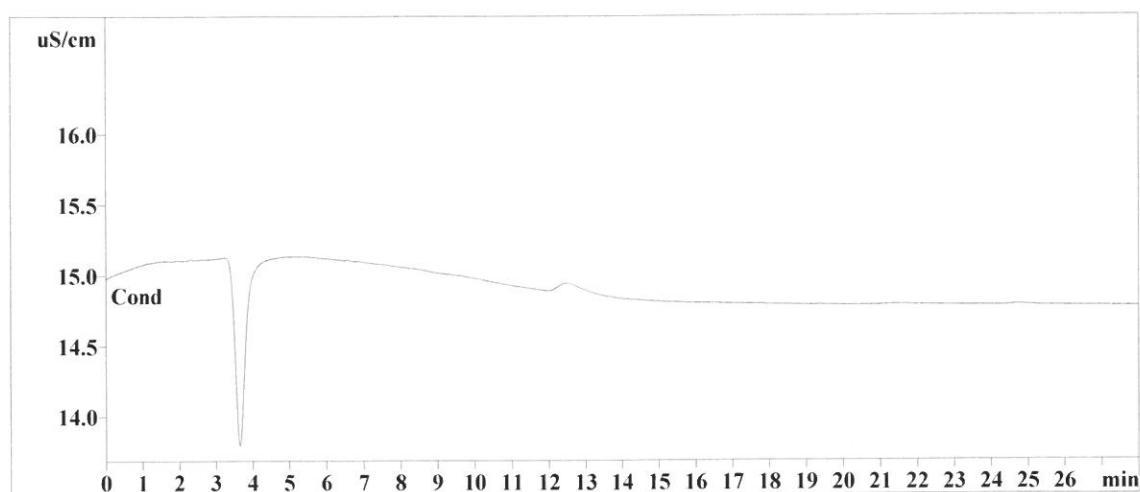
Ident: LB104884BLW
Analysis from: 8/29/2019 10:12:12 AM
File: _2019-08-29_

Last save: 8/30/2019 9:49:42 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68458

Last save: 8/27/2019 11:08:12 AM

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: 8/30/2019 9:51:11 AM
Printed by: wet

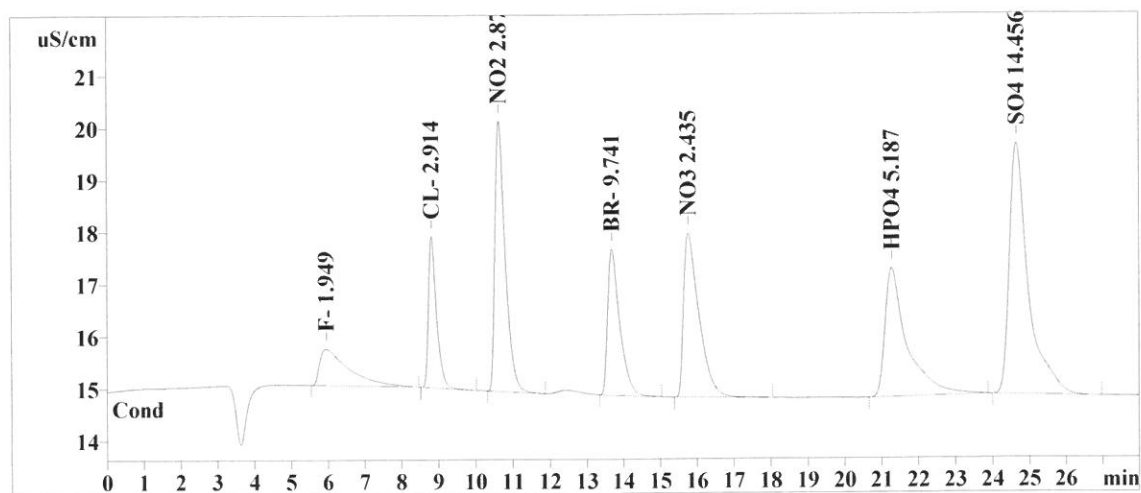
Ident: LB104884BSW
Analysis from: 8/29/2019 10:43:07 AM
File: _2019-08-29_

Last save: 8/30/2019 9:49:44 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68459

Last save: 8/27/2019 11:08:12 AM

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	5.95	0.780	0.70	3.16	38.708	6.32	0.
2	8.82	0.223	2.90	13.17	44.328	7.23	0.
3	10.63	0.287	5.19	23.55	99.873	16.30	0.
4	13.68	0.340	2.80	12.72	64.845	10.58	0.
5	15.77	0.432	3.14	14.28	90.982	14.85	0.
6	21.28	0.509	2.47	11.22	102.860	16.79	0.
7	24.66	0.473	4.82	21.88	171.200	27.94	0.
7	28.00	0.435	22.03	100.00	612.795	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:51:57 AM
Printed by: wet

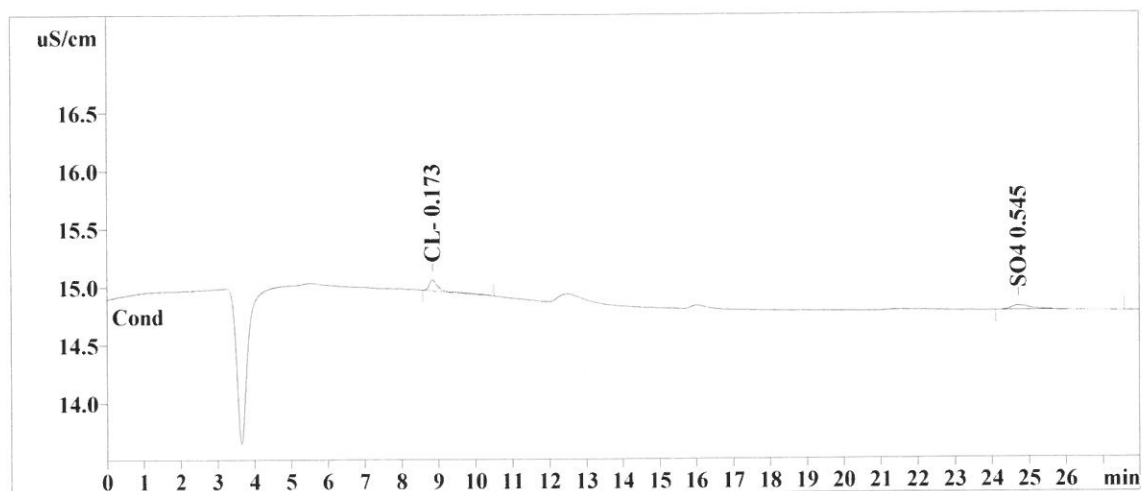
Ident: K4604-01
Analysis from: 8/29/2019 11:35:14 AM
File: _2019-08-29_

Last save: 8/29/2019 12:41:42 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68461

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.84	0.235	0.10	70.51	1.901	50.95	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	24.72	0.551	0.04	28.75	1.830	49.05	0.
7	28.00	0.112	0.13	99.27	3.731	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:52:58 AM
Printed by: wet

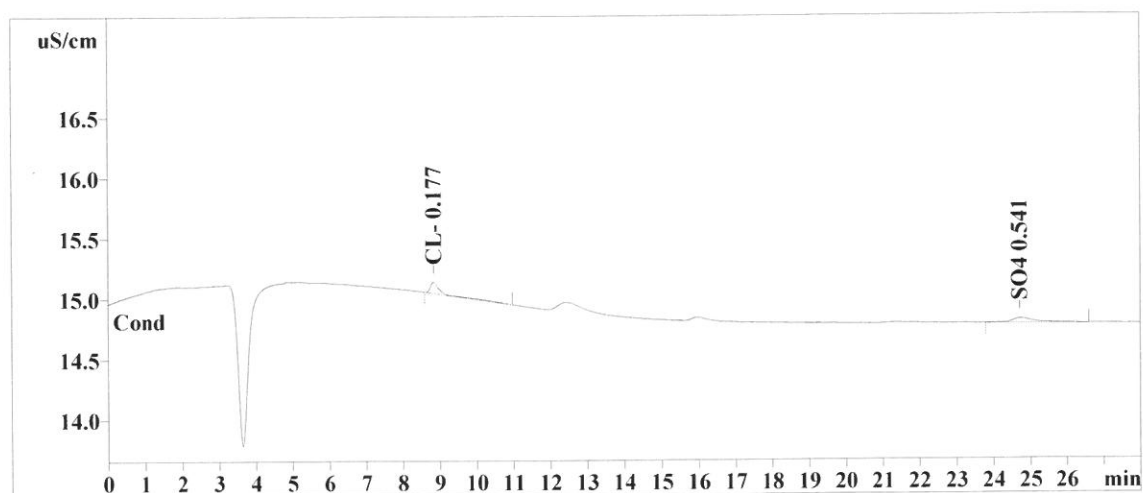
Ident: K4604-01DUP
Analysis from: 8/29/2019 12:06:09 PM
File: _2019-08-29_

Last save: 8/29/2019 12:42:20 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68462

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.83	0.231	0.09	70.66	1.969	52.55	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	24.72	0.550	0.04	28.43	1.778	47.45	0.
7	28.00	0.111	0.13	99.09	3.747	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:53:10 AM
Printed by: wet

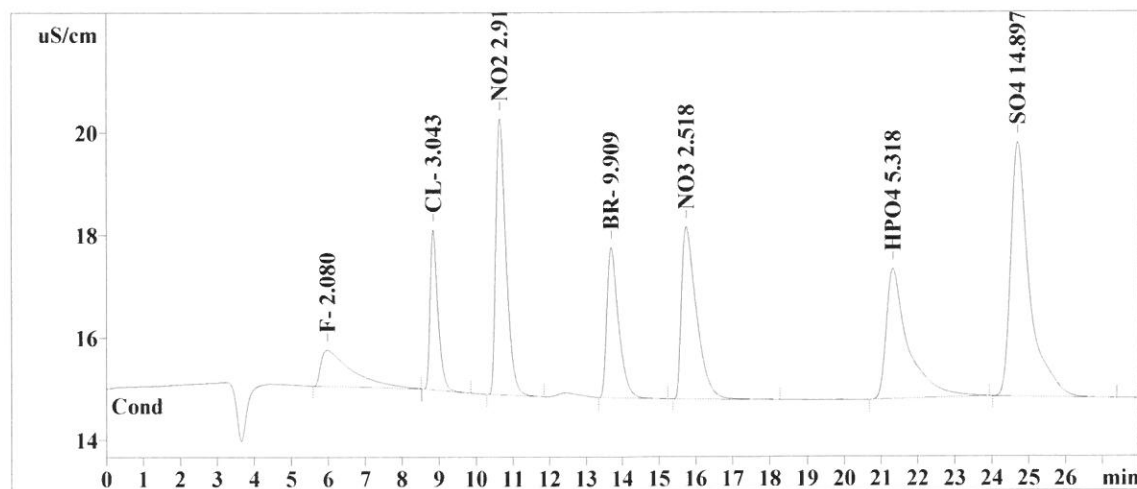
Ident: K4604-01MS
Analysis from: 8/29/2019 12:37:03 PM
File: _2019-08-29_

Last save: 8/29/2019 1:04:52 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68463

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	5.97	0.812	0.71	3.08	41.348	6.55	0.
2	8.84	0.220	3.12	13.56	46.330	7.34	0.
3	10.64	0.283	5.38	23.42	101.478	16.08	0.
4	13.68	0.333	2.93	12.74	65.996	10.46	0.
5	15.74	0.421	3.36	14.60	94.167	14.92	0.
6	21.32	0.513	2.54	11.04	105.295	16.68	0.
7	24.71	0.480	4.96	21.56	176.568	27.97	0.
7	28.00	0.437	22.99	99.99	631.181	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:53:18 AM
Printed by: wet

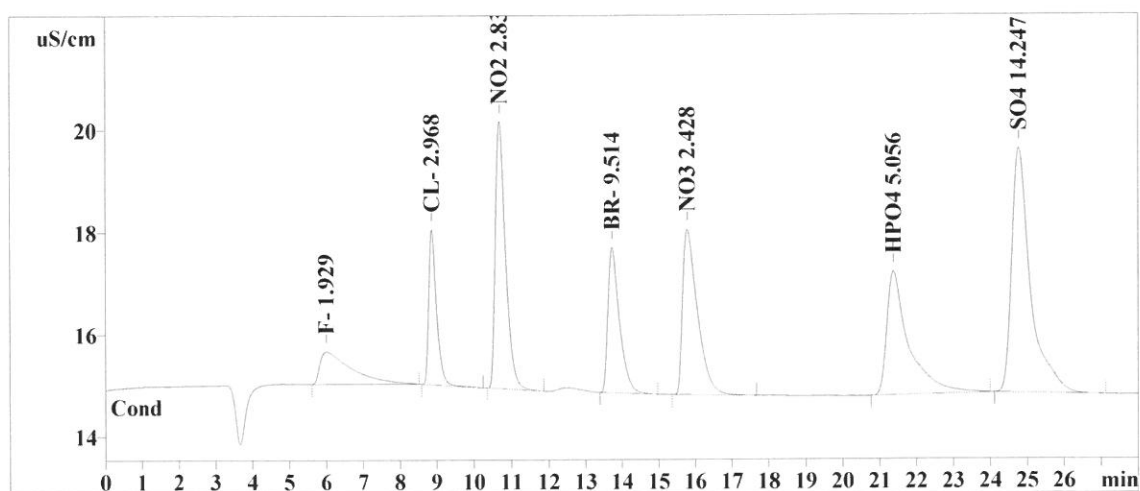
Ident: K4604-01MSD
Analysis from: 8/29/2019 1:07:58 PM
File: _2019-08-29_

Last save: 8/29/2019 1:35:48 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68464

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	6.00	0.856	0.64	2.86	38.289	6.33	0.
2	8.86	0.219	3.03	13.67	45.160	7.46	0.
3	10.68	0.283	5.23	23.56	98.444	16.27	0.
4	13.72	0.331	2.84	12.80	63.294	10.46	0.
5	15.78	0.420	3.24	14.60	90.717	15.00	0.
6	21.38	0.510	2.42	10.91	100.403	16.60	0.
7	24.78	0.473	4.79	21.58	168.655	27.88	0.
7	28.00	0.442	22.19	99.99	604.962	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:53:26 AM
Printed by: wet

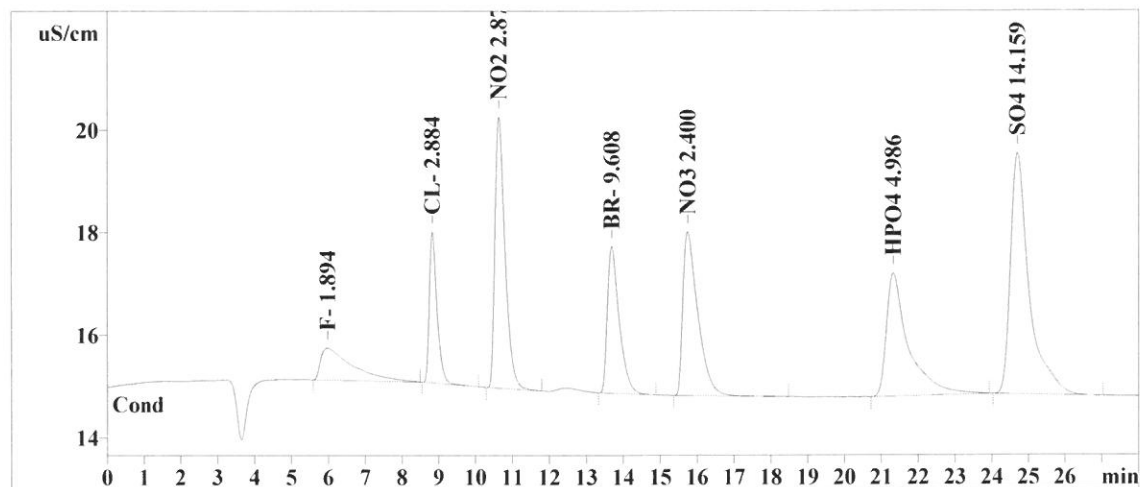
Ident: CCV
Analysis from: 8/29/2019 1:38:53 PM
File: _2019-08-29_

Last save: 8/29/2019 2:06:42 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68465

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	5.97	0.838	0.62	2.83	37.599	6.25	0.
2	8.82	0.220	2.94	13.37	43.859	7.29	0.
3	10.63	0.283	5.29	24.01	99.891	16.60	0.
4	13.68	0.331	2.86	13.01	63.940	10.63	0.
5	15.74	0.421	3.19	14.50	89.613	14.90	0.
6	21.32	0.509	2.40	10.91	99.109	16.47	0.
7	24.71	0.480	4.70	21.37	167.585	27.86	0.
7	28.00	0.440	22.01	99.99	601.596	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:53:38 AM
Printed by: wet

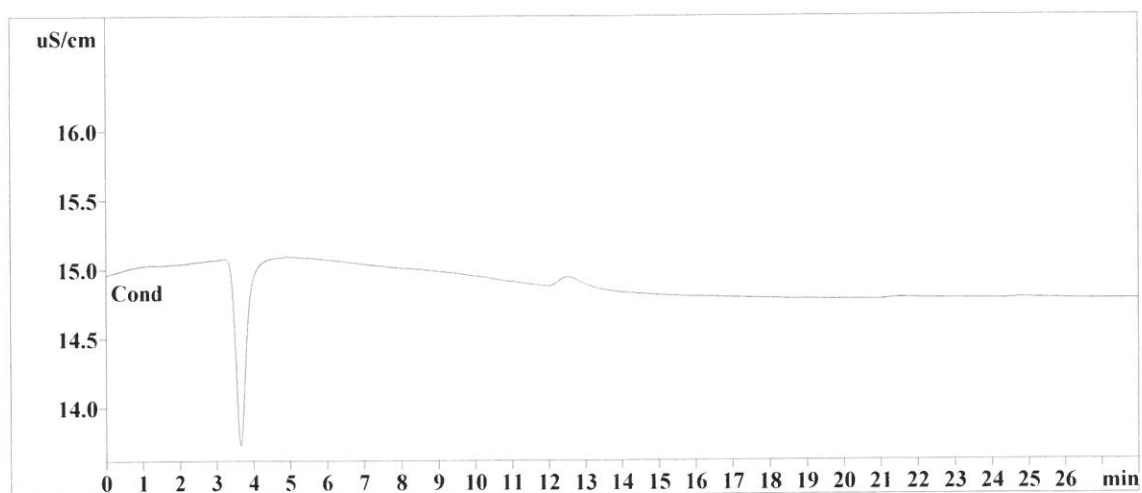
Ident: CCB
Analysis from: 8/29/2019 2:09:48 PM
File: _2019-08-29_

Last save: 8/29/2019 2:37:36 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68466

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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: 8/30/2019 9:54:12 AM
Printed by: wet

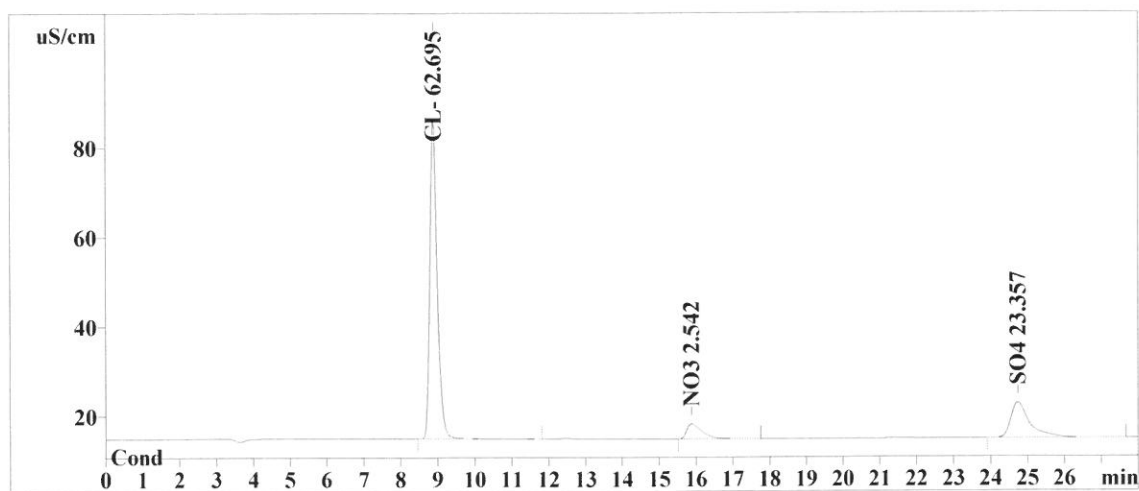
Ident: K4615-01
Analysis from: 8/29/2019 2:48:46 PM
File: _2019-08-29_

Last save: 8/29/2019 3:27:00 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68468

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.89	0.199	71.35	86.38	969.679	72.13	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	0.430	3.35	4.06	95.065	7.07	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.74	0.476	7.90	9.57	279.566	20.80	0.
7	28.00	0.158	82.61	100.01	1344.310	100.00	0.

This report has been created by IC Net
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Report date: 8/30/2019 9:54:34 AM
Printed by: wet

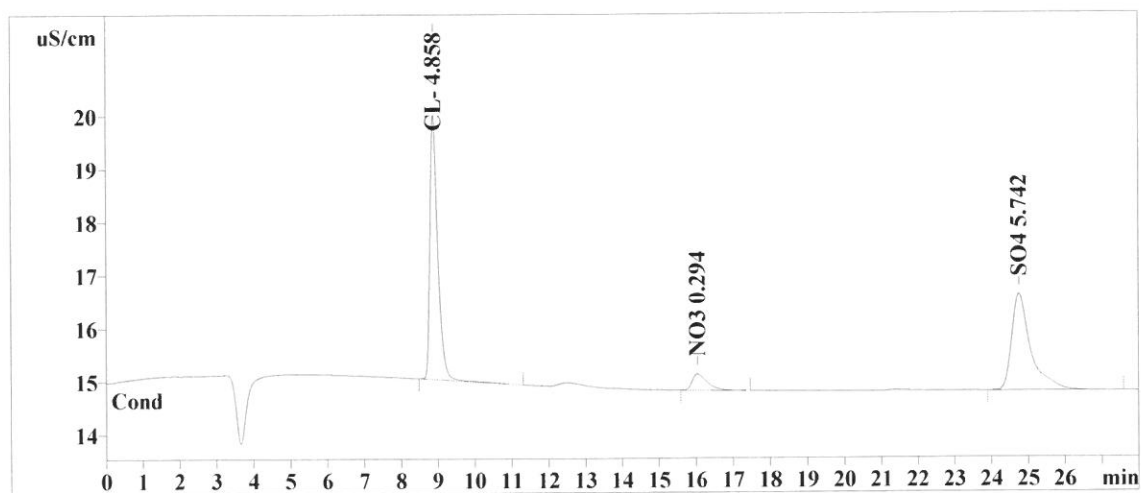
Ident: K4615-01DLX10
Analysis from: 8/29/2019 3:19:41 PM
File: _2019-08-29_

Last save: 8/29/2019 3:47:30 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68469

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.87	0.218	4.98	70.12	74.418	50.21	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	16.04	0.421	0.31	4.33	8.697	5.87	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.75	0.483	1.81	25.54	65.104	43.92	0.
7	28.00	0.160	7.09	99.99	148.219	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:54:44 AM
Printed by: wet

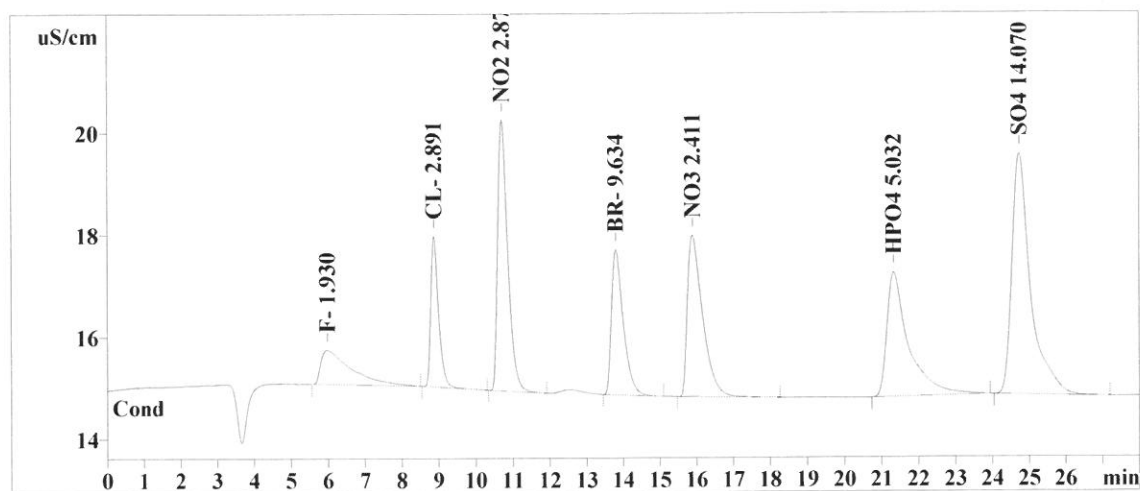
Ident: CCV
Analysis from: 8/29/2019 3:50:36 PM
File: _2019-08-29_

Last save: 8/29/2019 4:18:24 PM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68470

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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	5.97	0.804	0.67	3.03	38.322	6.36	0.
2	8.87	0.221	2.95	13.34	43.967	7.29	0.
3	10.70	0.283	5.31	24.03	99.934	16.58	0.
4	13.79	0.337	2.84	12.87	64.118	10.64	0.
5	15.88	0.429	3.16	14.32	90.052	14.94	0.
6	21.33	0.514	2.44	11.04	99.955	16.58	0.
7	24.73	0.478	4.72	21.38	166.504	27.62	0.
7	28.00	0.438	22.08	99.99	602.852	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 8/30/2019 9:55:22 AM
Printed by: wet

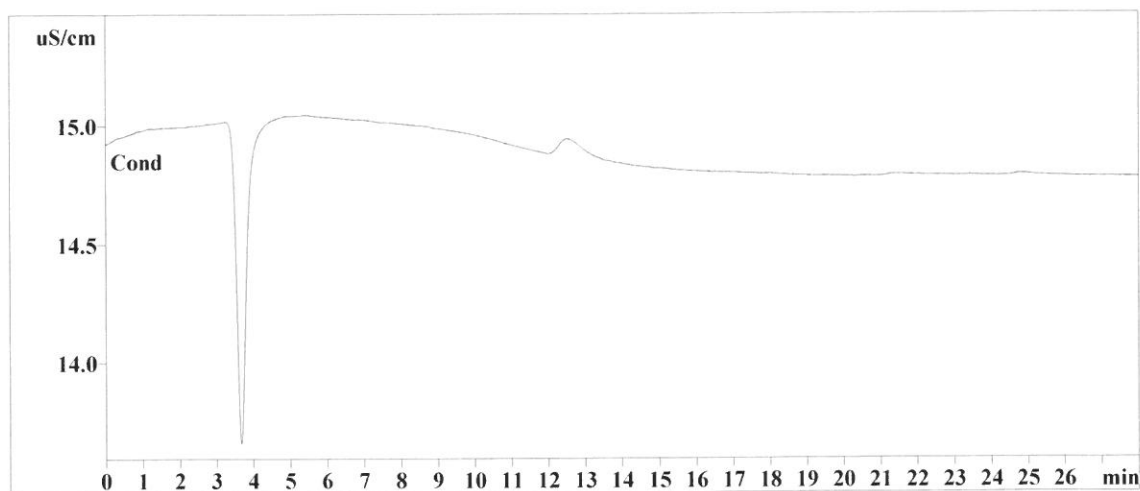
Ident: CCB
Analysis from: 8/29/2019 4:25:24 PM
File: _2019-08-29_

Last save: 8/30/2019 9:55:20 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68471

Last save: 8/27/2019 11:08:12 AM

SAMPLE:
: CT/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