

IC-1 300.0

09-09-2019

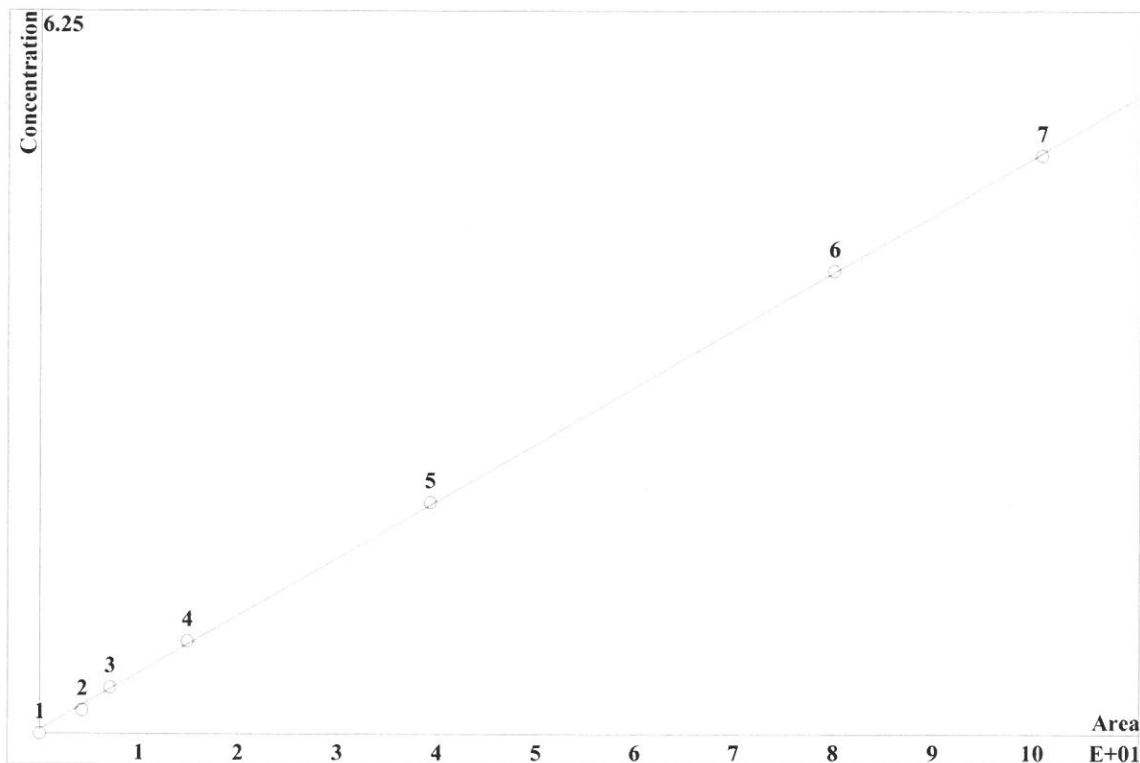
Clear table

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	1.9280	2.9500	2.9110	9.7750	2.3720	4.6150	13.8830	2019-09-06	9/6/19 12:03		CT/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-06	9/6/19 13:07		CT/AP
LB105029BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-06	9/6/19 13:38		CT/AP
LB105029BSW	1.8970	2.8880	2.8360	9.5960	2.4180	4.6460	14.3040	2019-09-06	9/6/19 14:09		CT/AP
K4726-01	0.0000	0.1110	0.1220	0.0000	0.0000	0.0000	0.0000	2019-09-06	9/6/19 15:09		CT/AP
K4726-02	0.0000	16.3300	0.0000	0.0000	0.0000	0.0000	3.4000	2019-09-06	9/6/19 15:40		CT/AP
K4726-03	0.0000	2.1420	0.0000	0.0000	0.0000	0.0000	5.5420	2019-09-06	9/6/19 16:11		CT/AP
K4726-04	0.1320	2.2040	0.0000	0.0000	0.0000	0.0000	4.7300	2019-09-06	9/6/19 16:42		CT/AP
K4726-05	0.0000	3.7210	0.0000	0.0000	0.0000	0.0000	11.4100	2019-09-06	9/6/19 17:13		CT/AP
K4726-05DUP	0.0000	3.6470	0.0000	0.0000	0.0000	0.0000	11.3770	2019-09-06	9/6/19 17:44		CT/AP
K4726-06MS	2.3080	6.2960	2.5900	9.2920	2.3560	4.7900	24.9470	2019-09-06	9/6/19 18:15		CT/AP
K4726-07MSD	2.3670	6.5070	2.7760	10.0210	2.5410	5.2400	26.4060	2019-09-06	9/6/19 18:45		CT/AP
CCV	1.9010	2.9110	2.8680	9.5950	2.4140	5.4430	14.0630	2019-09-06	9/6/19 19:16		CT/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-06	9/6/19 19:47		CT/AP
K4726-08	0.0000	2.2960	0.0000	0.0000	0.0000	0.0000	1.3960	2019-09-06	9/6/19 20:18		CT/AP
K4726-09	0.0000	4.3110	0.0000	0.0000	0.1560	0.0000	8.4340	2019-09-06	9/6/19 20:49		CT/AP
CCV	1.8650	2.8980	2.8620	9.6230	2.4100	5.2060	14.5140	2019-09-06	9/6/19 21:20		CT/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-09-06	9/6/19 21:51		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



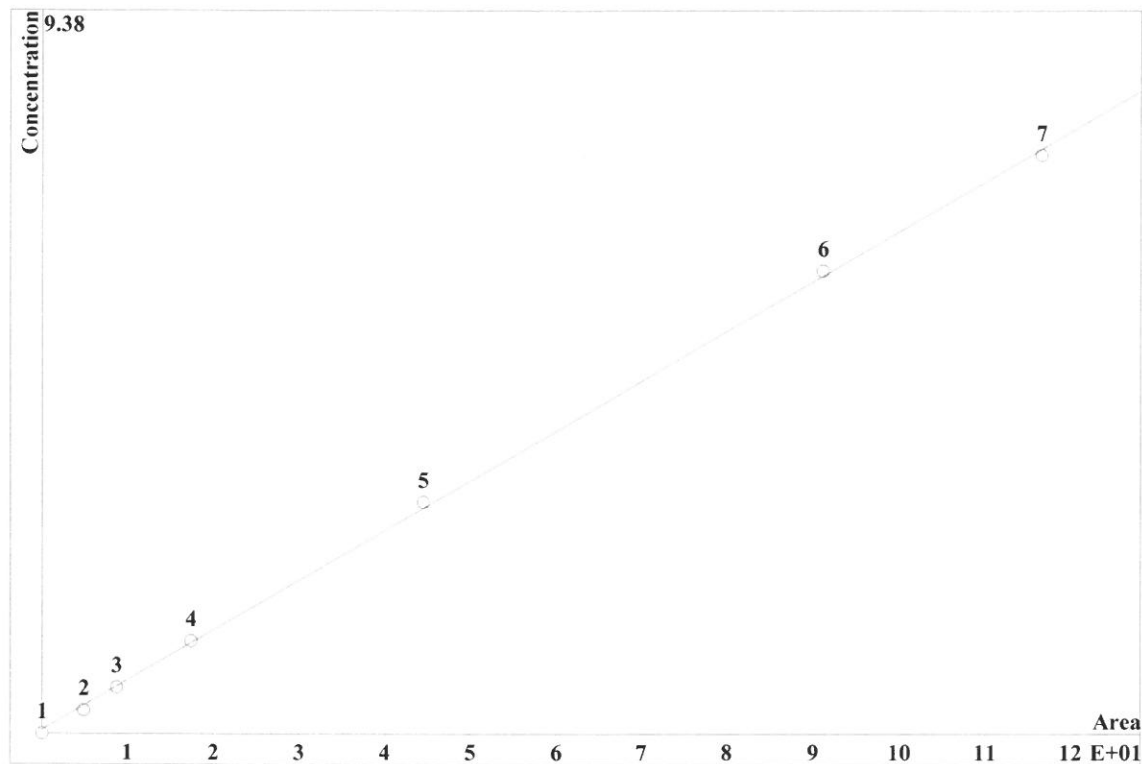
K3 = 0 K2 = 0 K1 = 0.988284 K0 = 0.730567

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



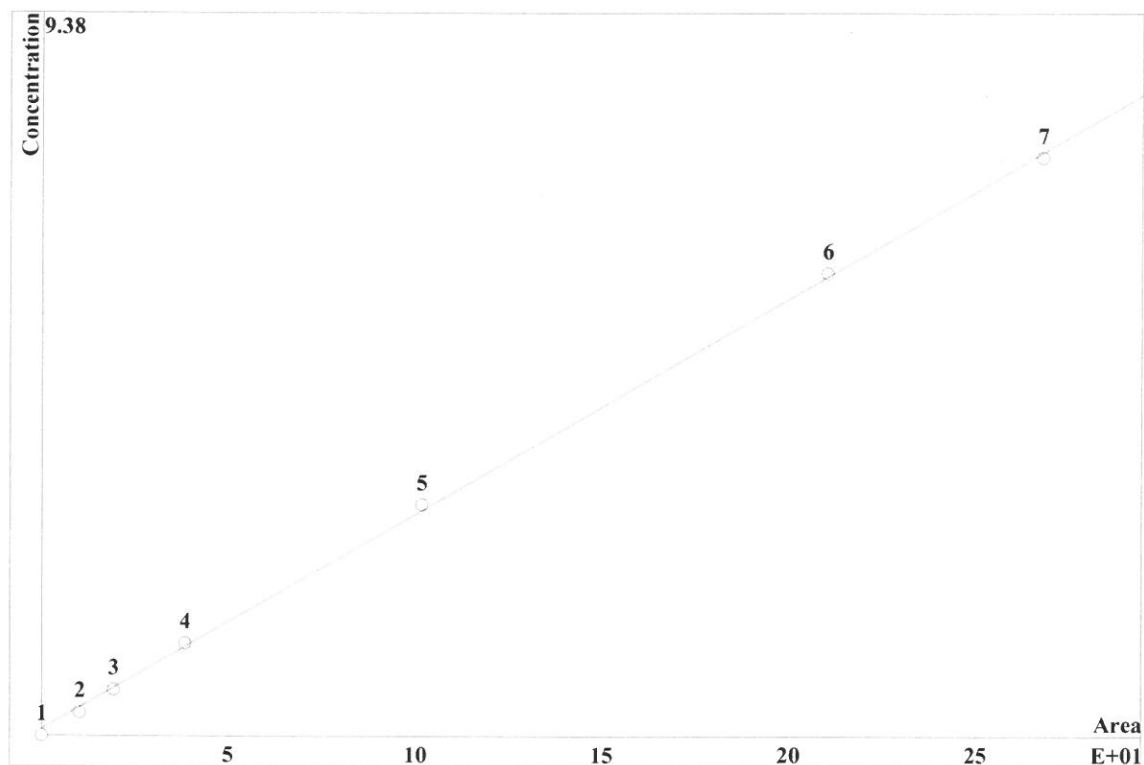
K3 = 0 K2 = 0 K1 = 1.29207 K0 = 1.00228

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



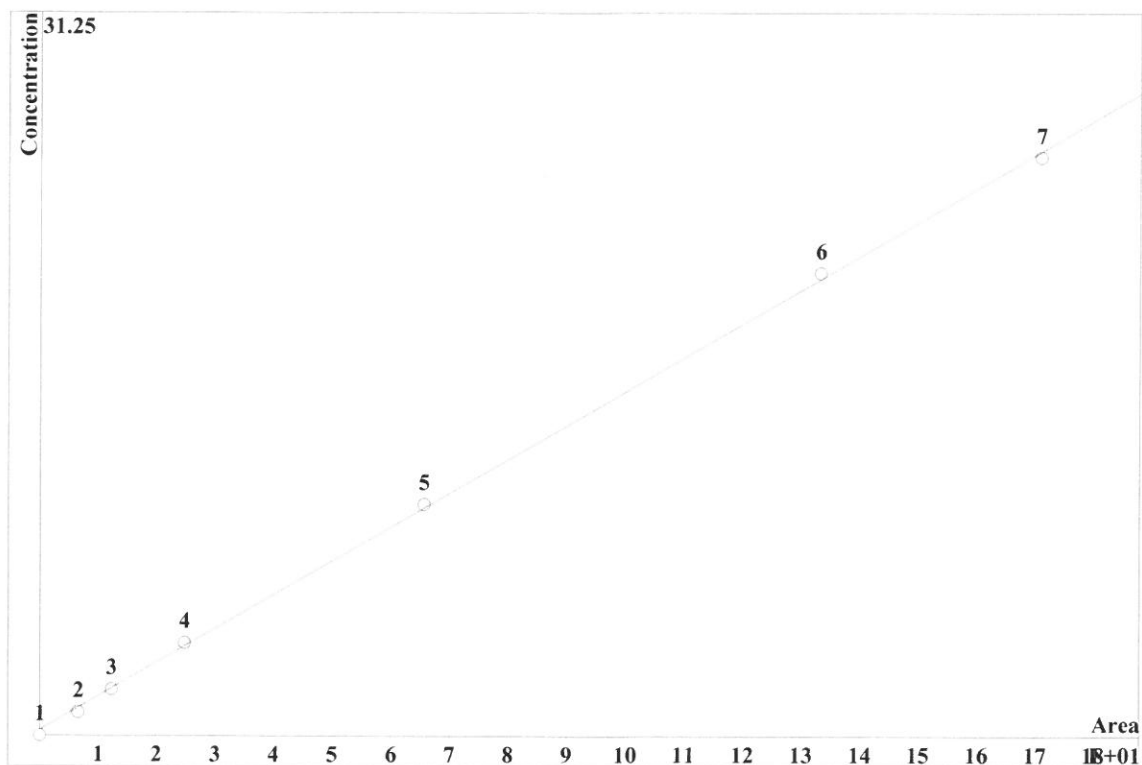
K3 = 0 K2 = 0 K1 = 0.558136 K0 = 1.74123

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



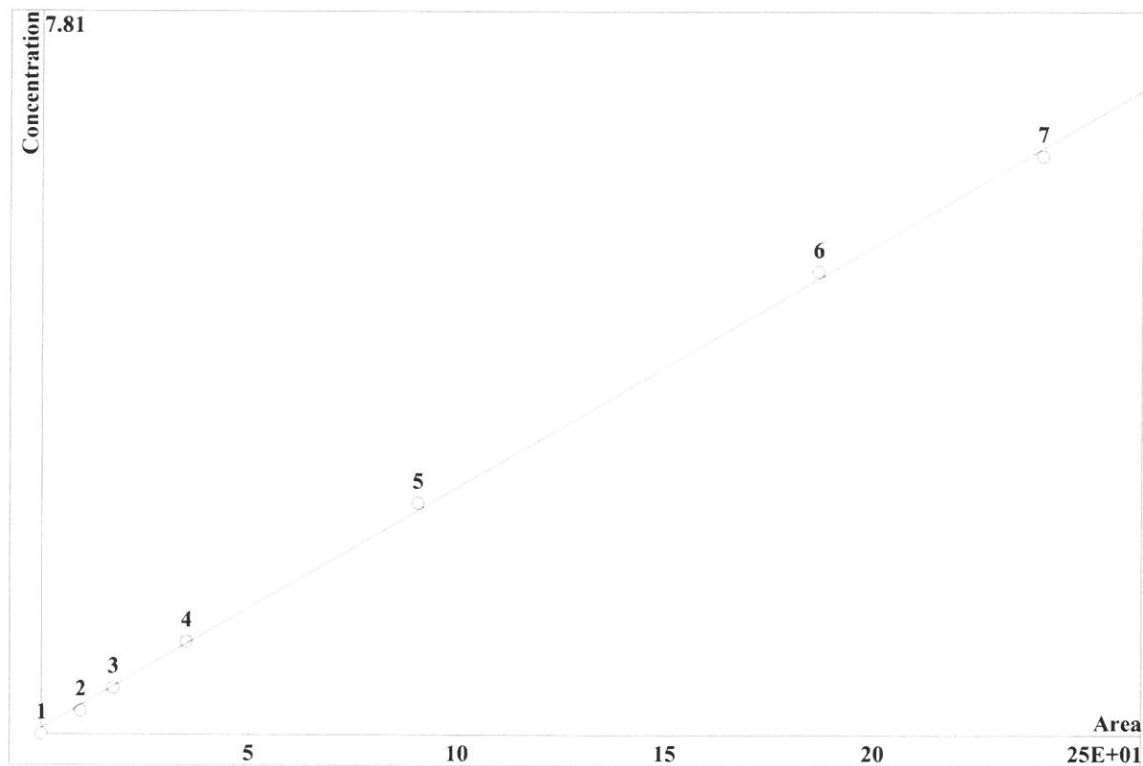
K3 = 0 K2 = 0 K1 = 2.92854 K0 = 4.91452

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

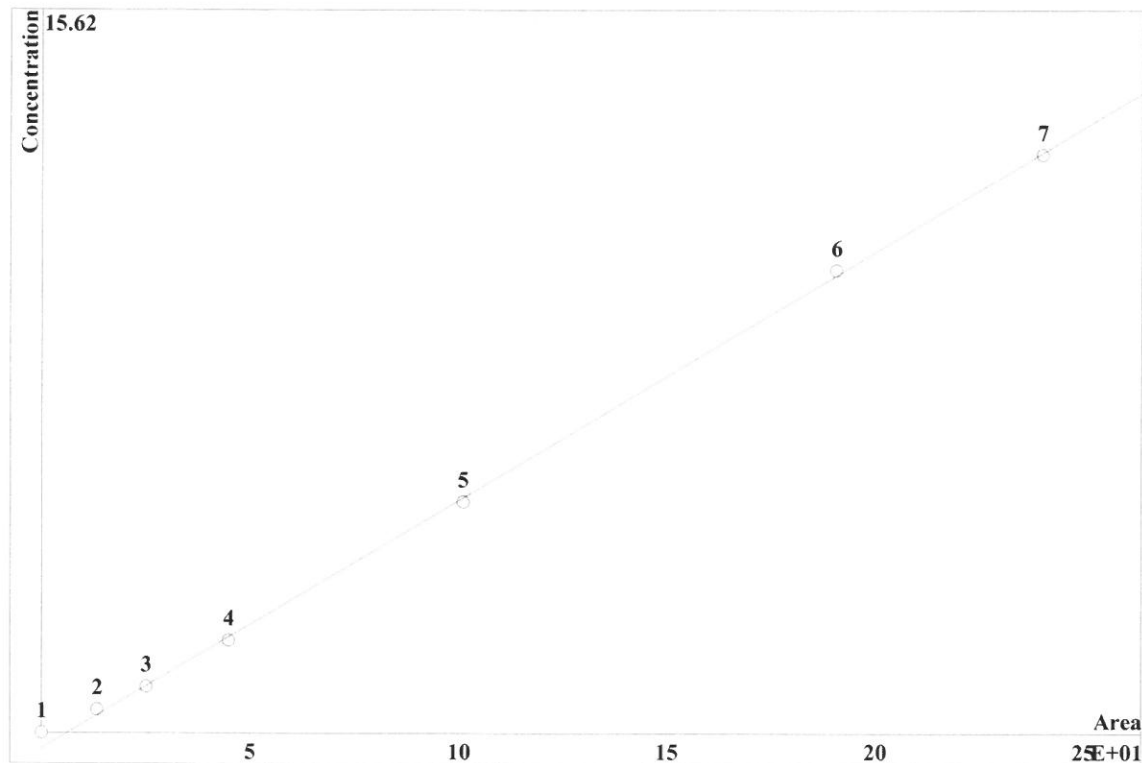
Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
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1	0	0	0	0	0		No
2	0.3859	9.419	0.25	20	15.85		Yes
3	0.7249	17.45	0.5	20	15.85		Yes
4	1.434	35.12	1	20	15.85		Yes
5	3.746	90.47	2.5	20	15.85		Yes
6	7.677	186.6	5	20	15.85		Yes
7	9.919	240.9	6.25	20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



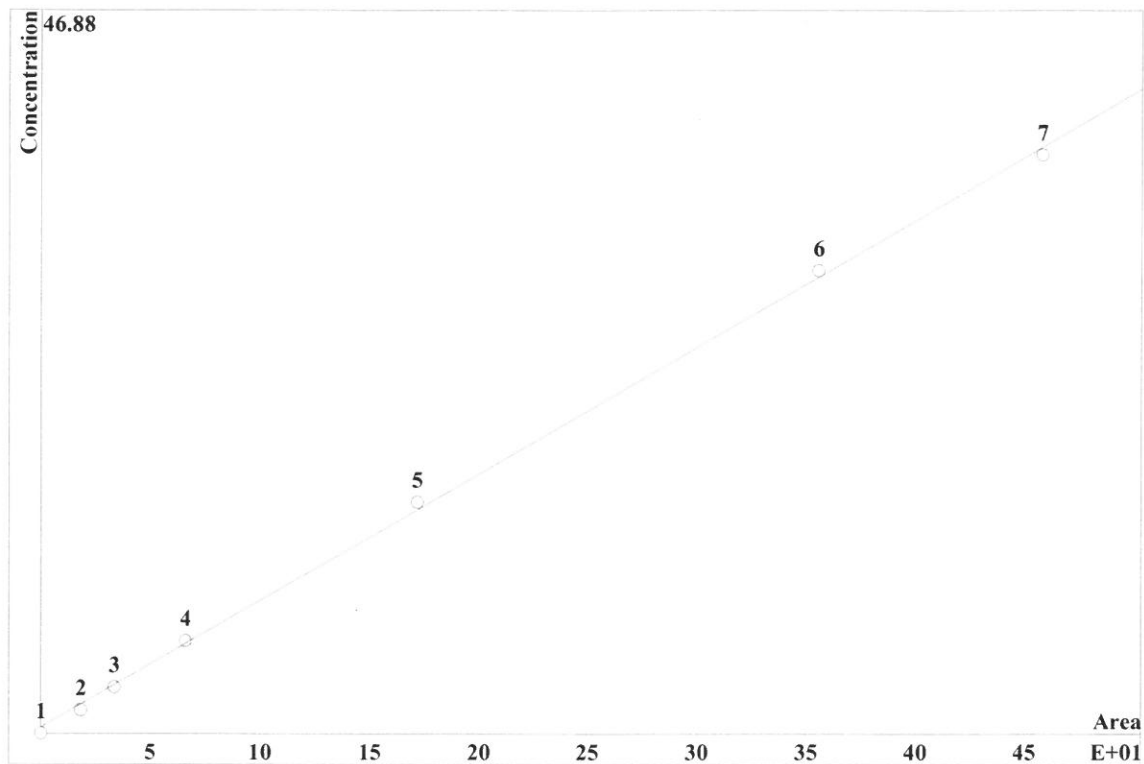
K3 = 0 K2 = 0 K1 = 1.07309 K0 = -6.63055

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

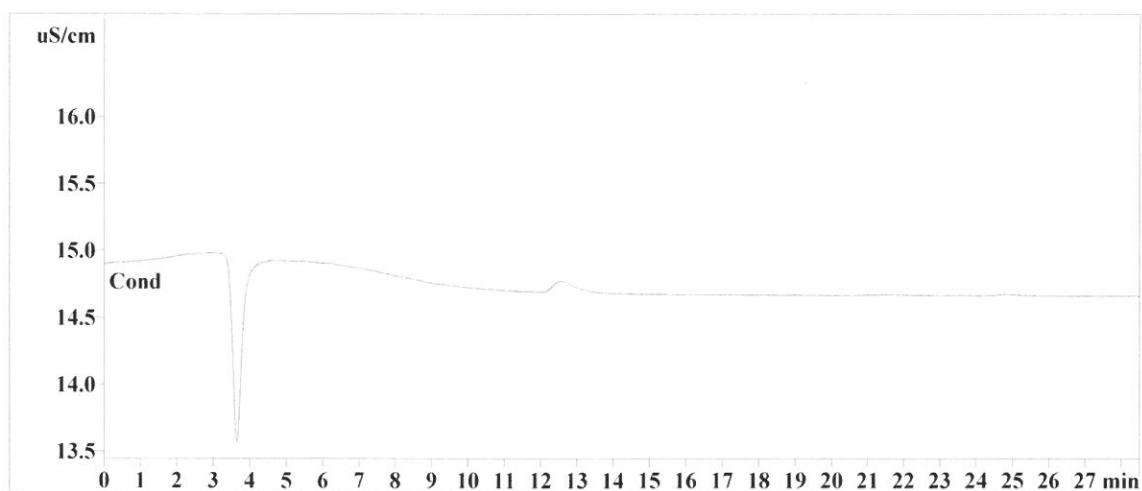
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File: _2019-08-12_

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

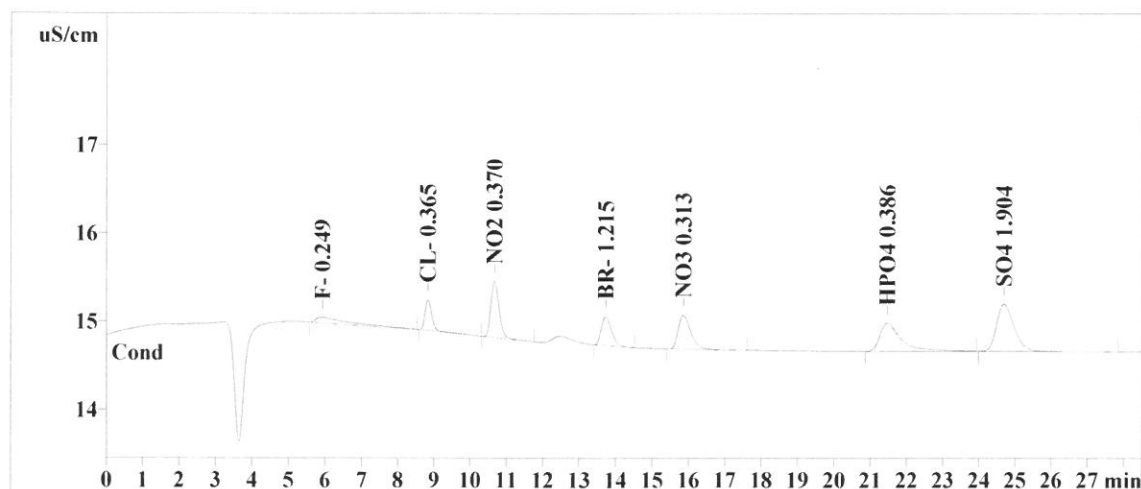
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Analysis from: 8/12/2019 10:19:57 AM
File: _2019-08-12_

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.

This report has been created by IC Net
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Report date: 8/13/2019 9:21:11 AM
Printed by: wet

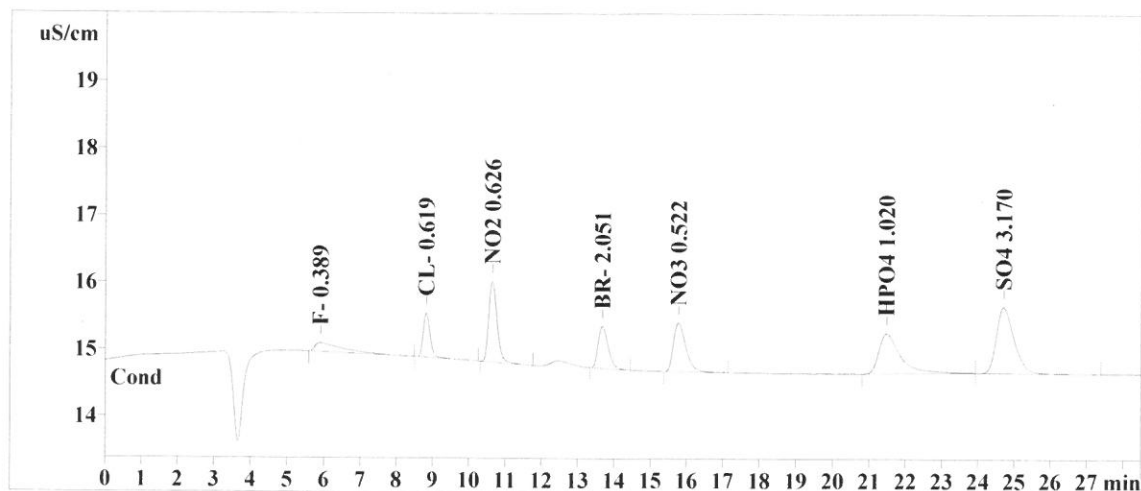
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File: _2019-08-12_

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

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

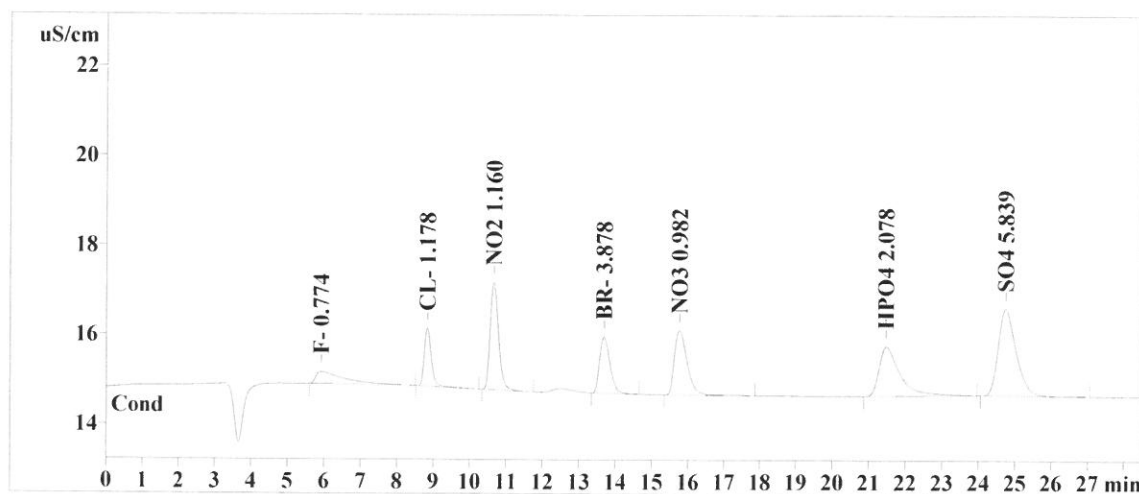
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Analysis from: 8/12/2019 11:22:46 AM
File: _2019-08-12_

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

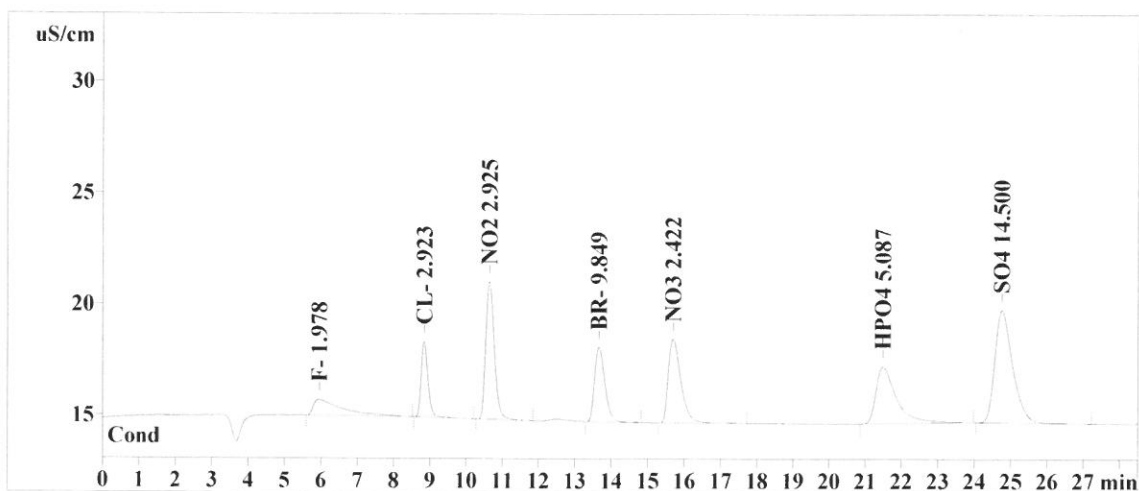
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File: _2019-08-12_

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.

This report has been created by IC Net
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Report date: 8/13/2019 9:21:37 AM
Printed by: wet

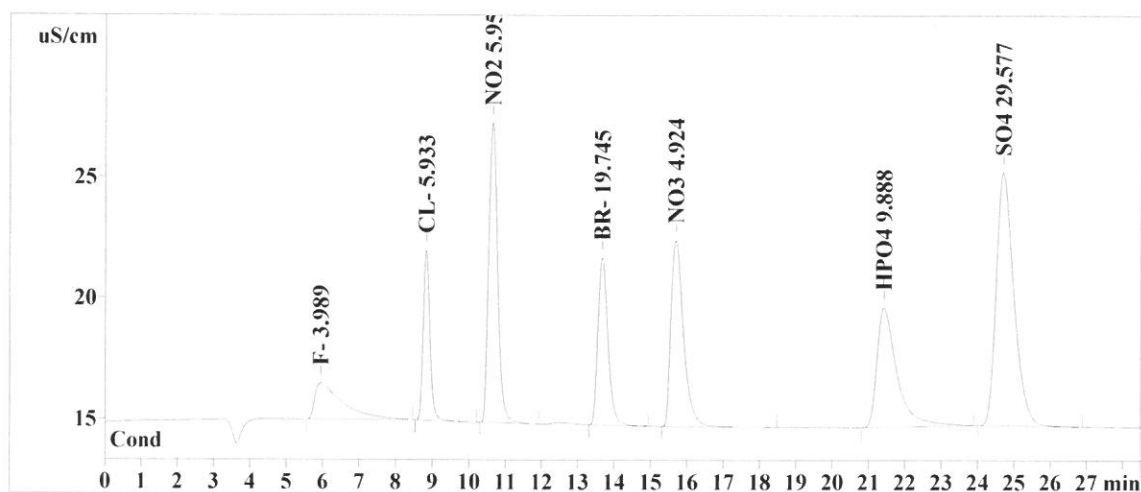
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Analysis from: 8/12/2019 12:25:36 PM
File: _2019-08-12_

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
METROHM LTD

Report date: 8/13/2019 9:21:45 AM
Printed by: wet

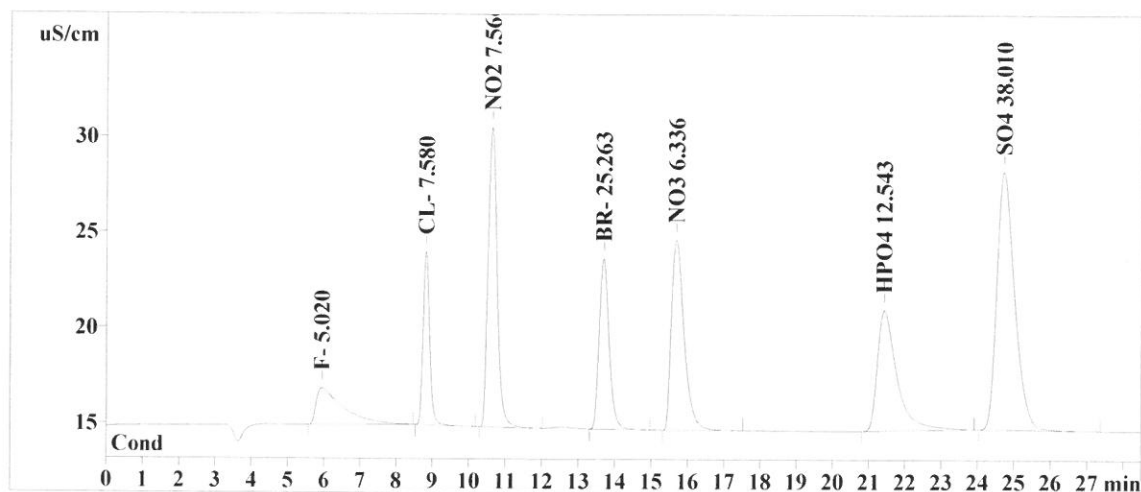
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Analysis from: 8/12/2019 12:57:01 PM
File: _2019-08-12_

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

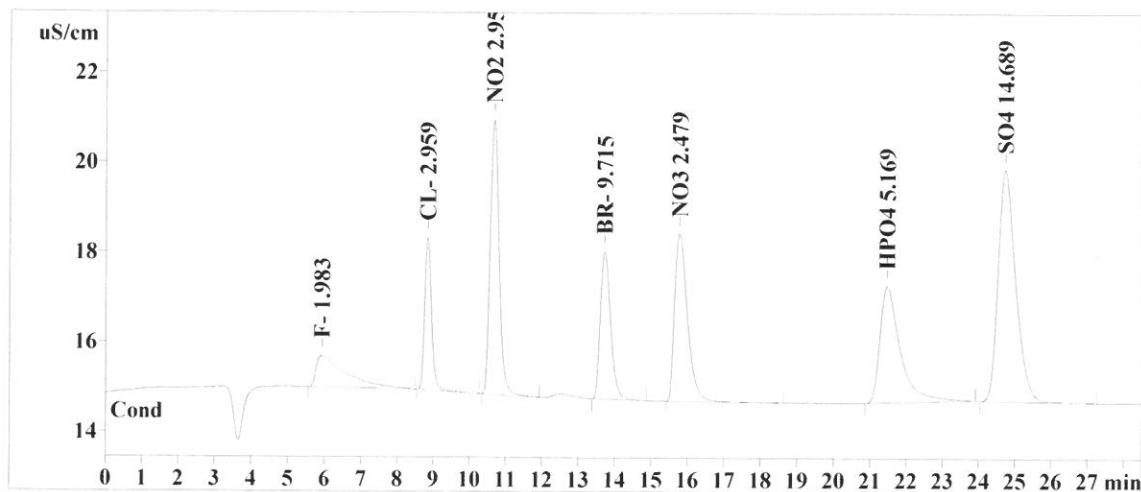
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File: _2019-08-12_

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

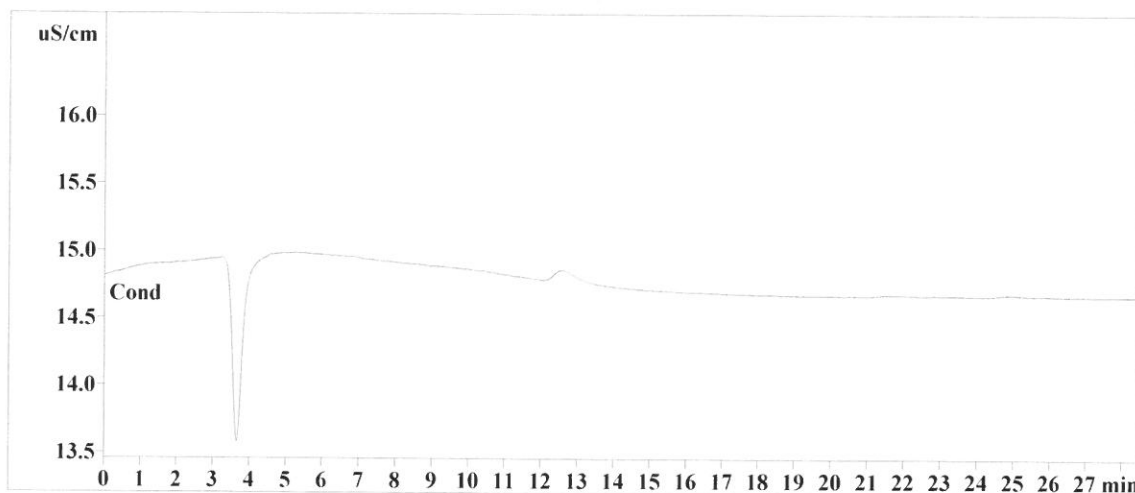
Ident: ICB
Analysis from: 8/12/2019 2:18:43 PM
File: _2019-08-12_

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: 9/9/2019 11:08:07 AM
Printed by: wet

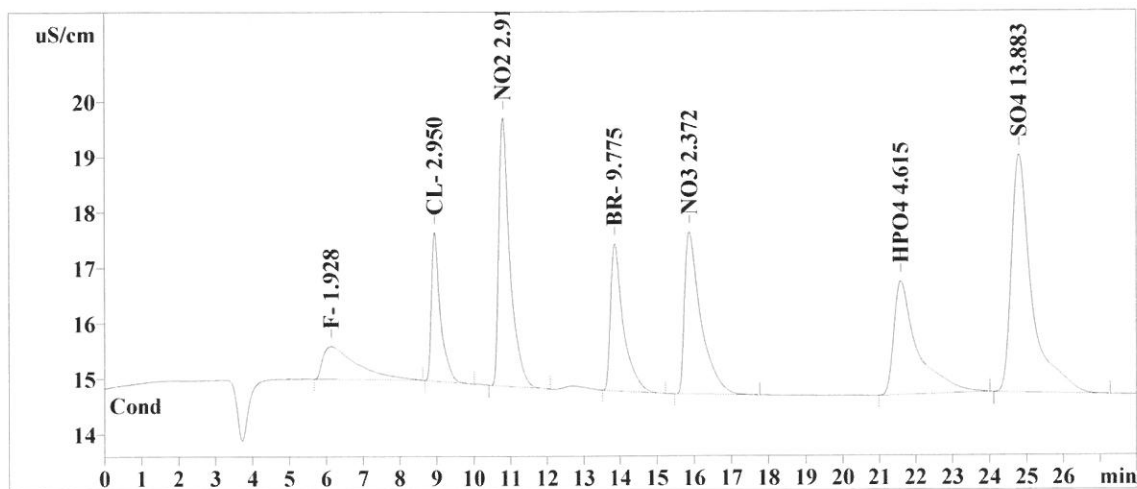
Ident: CCV
Analysis from: 9/6/2019 12:03:27 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:06 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68527

Last save: 9/5/2019 8:54:54 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	6.14	0.927	0.59	2.96	38.282	6.44	0.
2	8.95	0.230	2.68	13.40	44.884	7.55	0.
3	10.79	0.293	4.83	24.15	101.204	17.03	0.
4	13.85	0.338	2.65	13.25	65.081	10.95	0.
5	15.87	0.420	2.92	14.59	88.552	14.90	0.
6	21.59	0.550	2.05	10.23	92.195	15.51	0.
7	24.79	0.500	4.29	21.42	164.225	27.63	0.
7	28.00	0.465	20.02	99.99	594.422	100.00	0.

This report has been created by IC Net
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Report date: 9/9/2019 11:08:15 AM
Printed by: wet

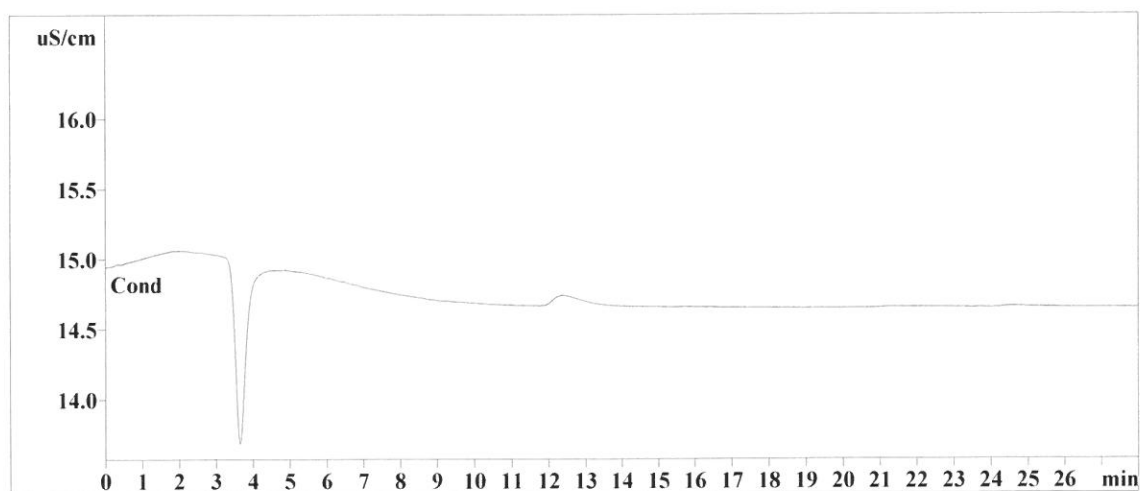
Ident: CCB
Analysis from: 9/6/2019 1:07:51 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:06 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68528

Last save: 9/5/2019 8:54:54 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: 9/9/2019 11:09:09 AM
Printed by: wet

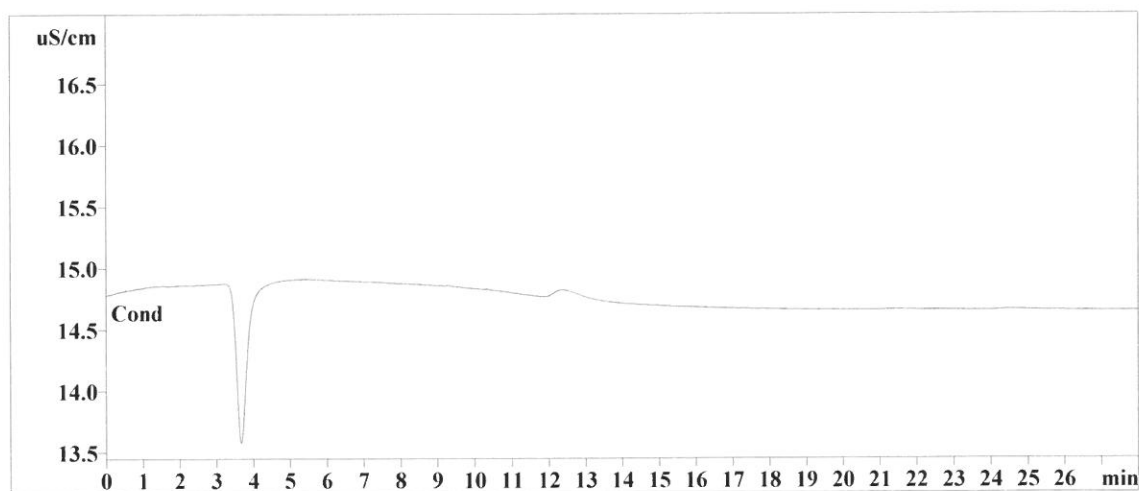
Ident: LB105029BLW
Analysis from: 9/6/2019 1:38:46 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:06 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68529

Last save: 9/5/2019 8:54:54 AM

SAMPLE:
: CT/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: 9/9/2019 11:09:19 AM
Printed by: wet

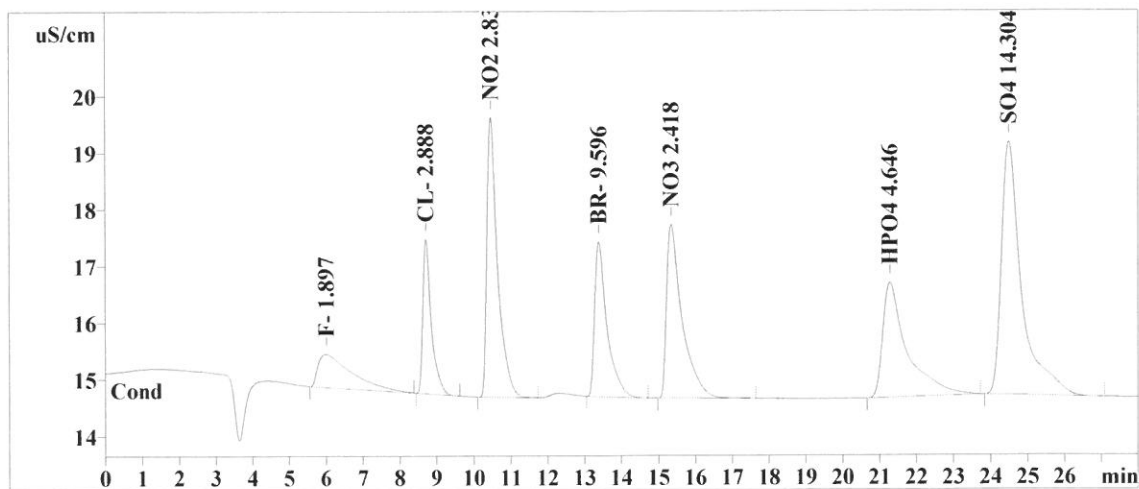
Ident: LB105029BSW
Analysis from: 9/6/2019 2:09:40 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:06 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68530

Last save: 9/5/2019 8:54:54 AM

SAMPLE:
: CT/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	6.00	0.945	0.59	2.87	37.649	6.31	0.
2	8.71	0.223	2.72	13.25	43.921	7.36	0.
3	10.46	0.279	4.93	24.01	98.503	16.52	0.
4	13.38	0.321	2.73	13.31	63.859	10.71	0.
5	15.34	0.406	3.06	14.92	90.305	15.14	0.
6	21.28	0.559	2.03	9.88	92.774	15.56	0.
7	24.50	0.496	4.47	21.75	169.353	28.40	0.
7	28.00	0.461	20.54	99.99	596.363	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:09:27 AM
Printed by: wet

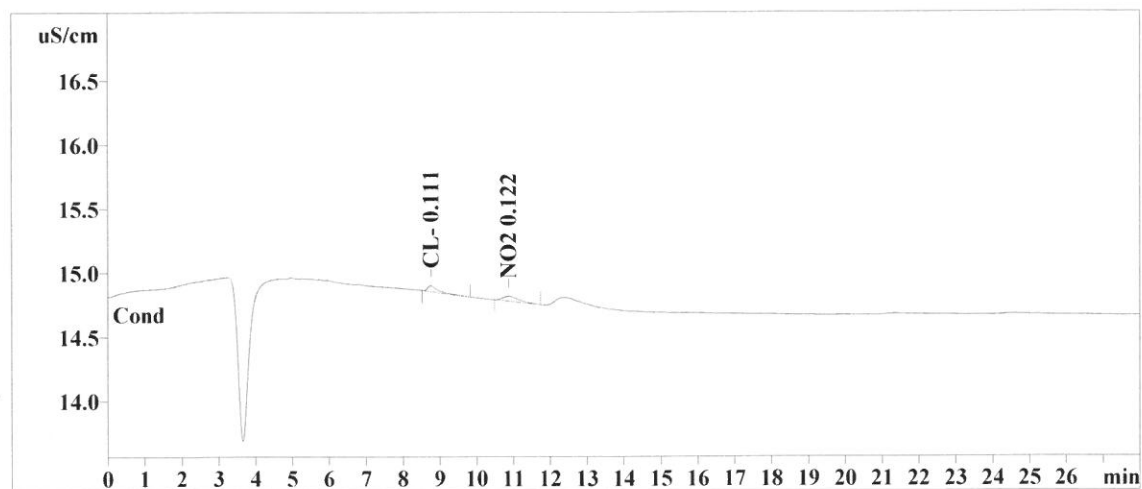
Ident: K4726-01
Analysis from: 9/6/2019 3:09:34 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68532

Last save: 9/5/2019 8:54:54 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	8.75	0.250	0.05	53.62	0.939	42.95	0.
3	10.88	0.481	0.04	45.00	1.248	57.05	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	0.104	0.09	98.62	2.187	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:09:35 AM
Printed by: wet

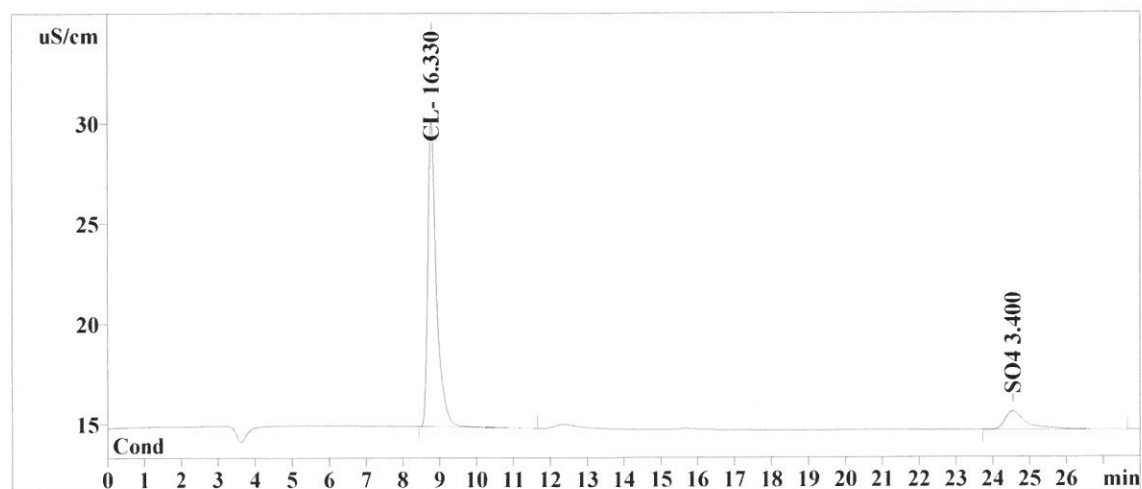
Ident: K4726-02
Analysis from: 9/6/2019 3:40:29 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68533

Last save: 9/5/2019 8:54:54 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	8.77	0.228	15.32	94.34	251.991	87.32	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	24.55	0.518	0.92	5.66	36.594	12.68	0.
7	28.00	0.107	16.23	99.99	288.585	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:09:46 AM
 Printed by: wet

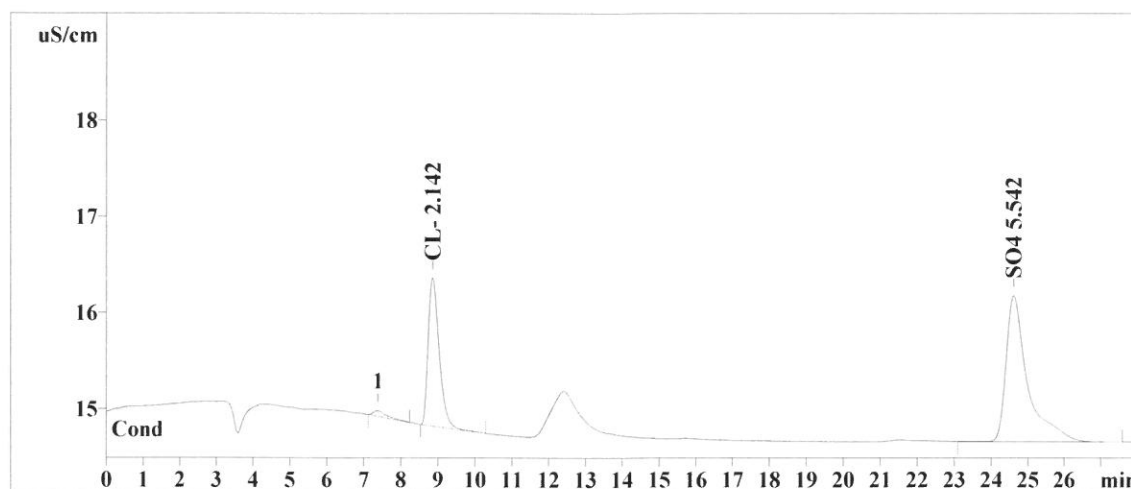
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 Analysis from: 9/6/2019 4:11:23 PM
 File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
 Run operator: wet
 Analysis number: 68534

Last save: 9/5/2019 8:54:54 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.85	0.319	1.54	49.39	32.379	33.53	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	24.60	0.526	1.52	48.66	62.675	64.91	0.
7	28.00	0.121	3.06	98.05	95.053	98.44	0.

This report has been created by IC Net
 METROHM LTD

Report date: 9/9/2019 11:09:59 AM
 Printed by: wet

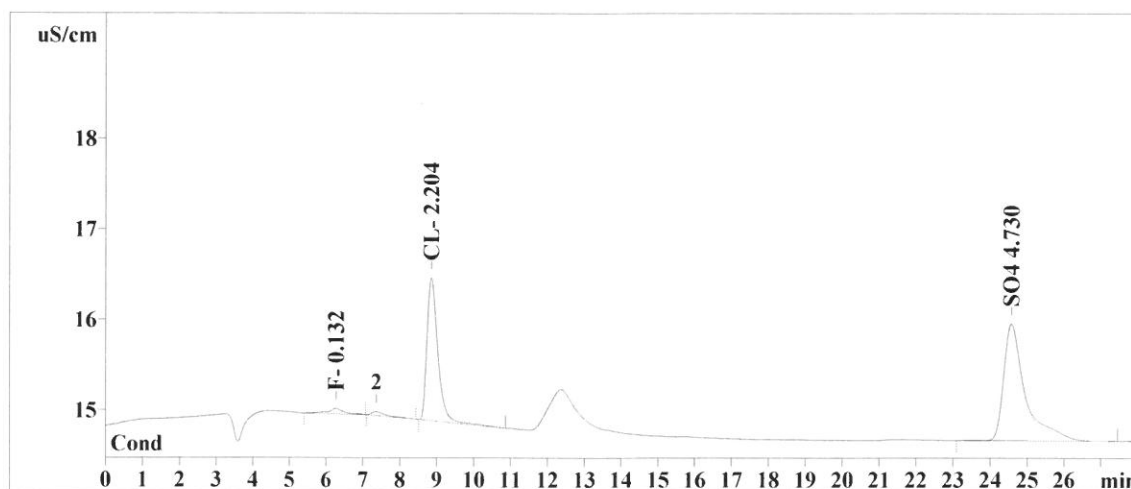
Ident: K4726-04
 Analysis from: 9/6/2019 4:42:18 PM
 File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
 Run operator: wet
 Analysis number: 68535

Last save: 9/5/2019 8:54:54 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	6.26	0.339	0.06	2.05	1.930	2.16	0.
2	8.84	0.314	1.58	53.02	33.339	37.36	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	24.57	0.524	1.29	43.34	52.787	59.16	0.
7	28.00	0.168	2.93	98.42	88.057	98.68	0.

This report has been created by IC Net
 METROHM LTD

Report date: 9/9/2019 11:11:10 AM
Printed by: wet

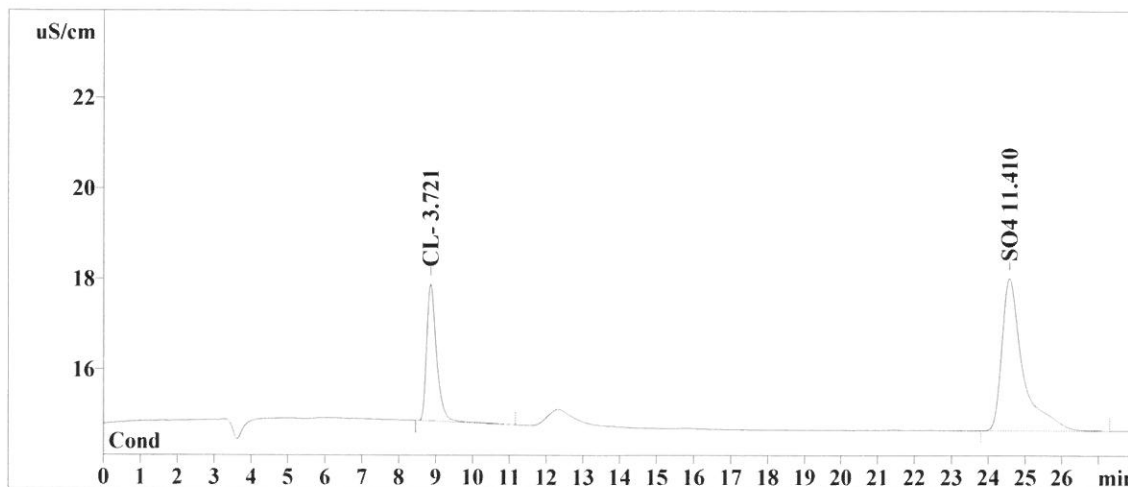
Ident: K4726-05
Analysis from: 9/6/2019 5:13:12 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68536

Last save: 9/5/2019 8:54:54 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	8.85	0.275	3.01	47.28	56.825	29.76	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	24.56	0.519	3.36	52.71	134.113	70.24	0.
7	28.00	0.113	6.37	99.99	190.938	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:11:19 AM
Printed by: wet

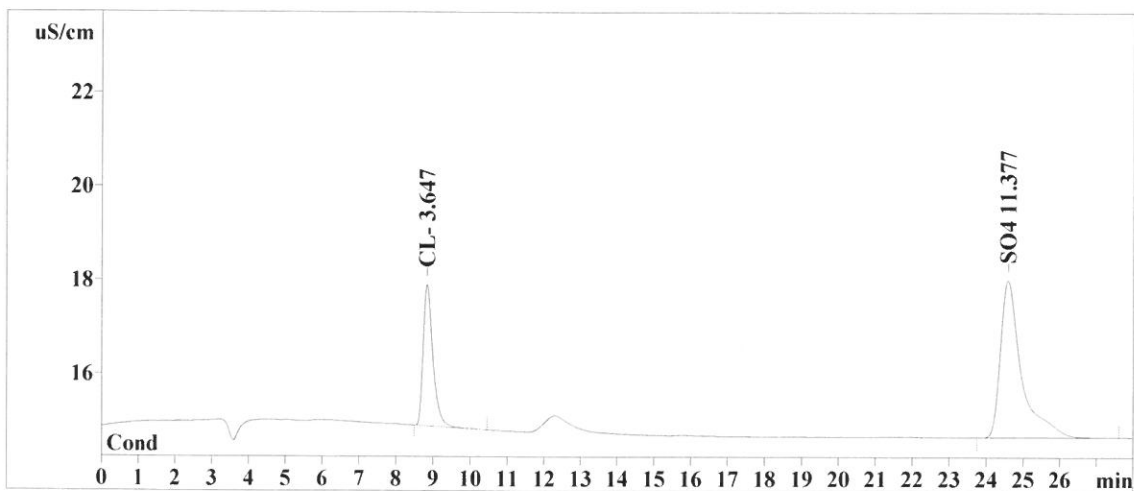
Ident: K4726-05DUP
Analysis from: 9/6/2019 5:44:07 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68537

Last save: 9/5/2019 8:54:54 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	8.83	0.273	3.01	47.33	55.684	29.40	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	24.58	0.518	3.35	52.67	133.716	70.60	0.
7	28.00	0.113	6.36	100.00	189.400	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:11:27 AM
Printed by: wet

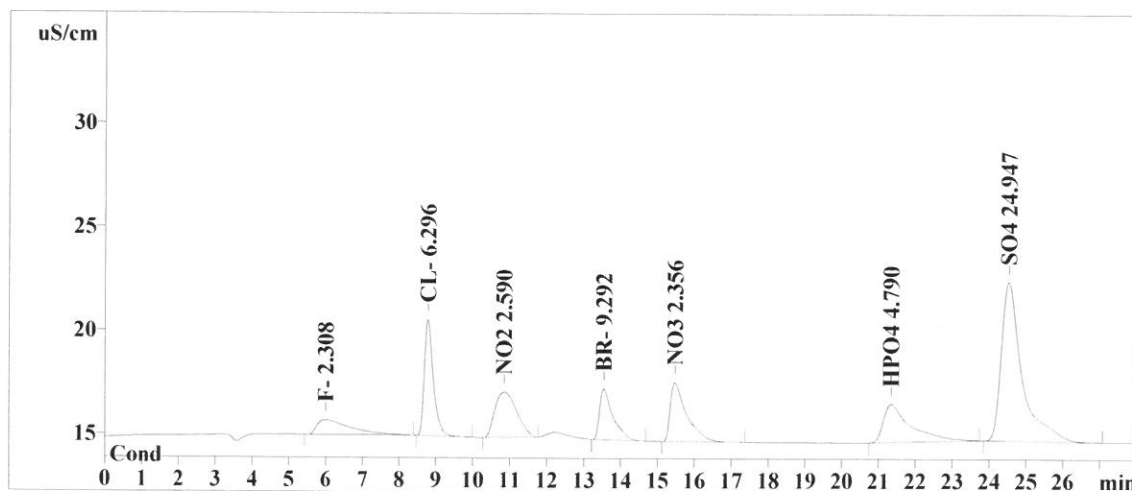
Ident: K4726-06MS
Analysis from: 9/6/2019 6:15:02 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68538

Last save: 9/5/2019 8:54:54 AM

SAMPLE:
: CT/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	6.00	0.927	0.73	3.12	45.971	5.92	0.
2	8.78	0.252	5.60	24.05	96.678	12.45	0.
3	10.85	0.670	2.18	9.36	89.699	11.55	0.
4	13.53	0.353	2.45	10.52	61.782	7.96	0.
5	15.47	0.434	2.83	12.18	87.944	11.33	0.
6	21.34	0.648	1.84	7.90	95.448	12.29	0.
7	24.52	0.514	7.65	32.87	298.933	38.50	0.
7	28.00	0.543	23.27	99.99	776.454	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:11:36 AM
Printed by: wet

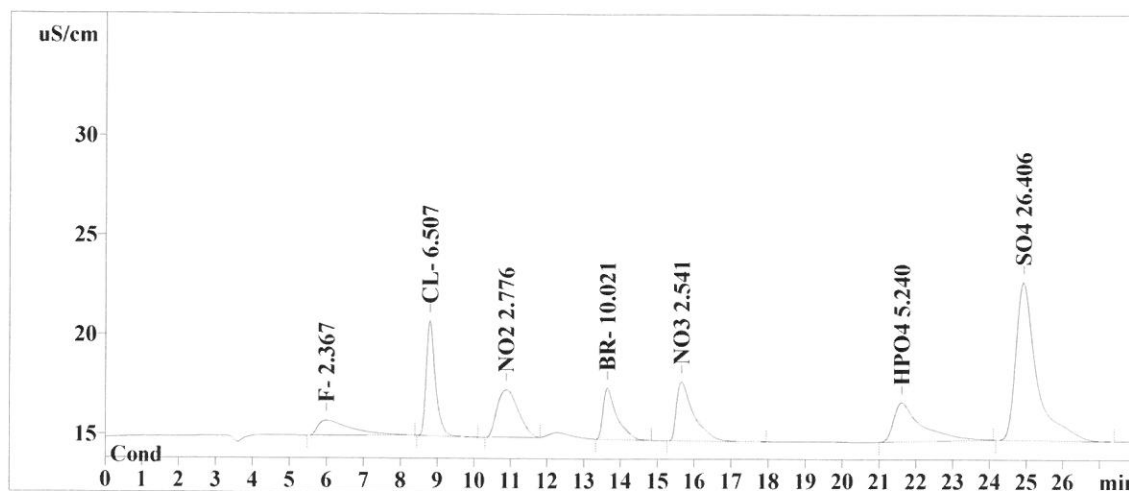
Ident: K4726-07MSD
Analysis from: 9/6/2019 6:45:56 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68539

Last save: 9/5/2019 8:54:54 AM

SAMPLE:
: CT/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	6.00	0.895	0.76	3.13	47.155	5.71	0.
2	8.79	0.253	5.76	23.70	99.945	12.10	0.
3	10.89	0.653	2.39	9.83	96.366	11.67	0.
4	13.64	0.362	2.57	10.55	66.761	8.08	0.
5	15.65	0.448	2.96	12.18	95.037	11.51	0.
6	21.60	0.655	1.96	8.05	103.834	12.57	0.
7	24.91	0.526	7.91	32.54	316.688	38.35	0.
7	28.00	0.542	24.31	99.99	825.786	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:16:38 AM
Printed by: wet

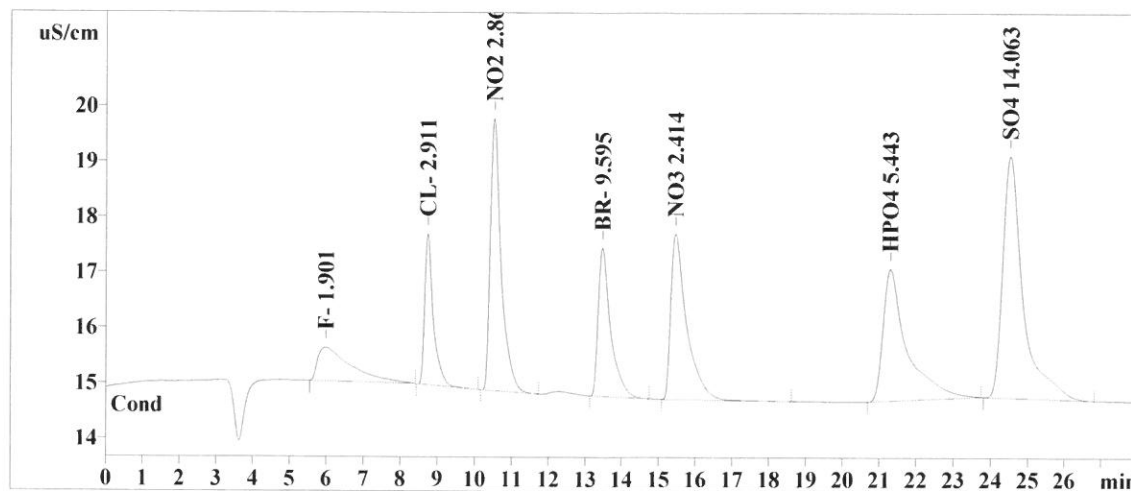
Ident: CCV
Analysis from: 9/6/2019 7:16:51 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68540

Last save: 9/5/2019 8:54:54 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	5.98	0.887	0.61	2.94	37.725	6.19	0.
2	8.73	0.224	2.72	13.17	44.291	7.26	0.
3	10.51	0.285	4.91	23.80	99.667	16.35	0.
4	13.45	0.331	2.68	12.99	63.851	10.47	0.
5	15.45	0.420	2.98	14.45	90.179	14.79	0.
6	21.29	0.551	2.38	11.52	107.625	17.65	0.
7	24.51	0.504	4.36	21.12	166.409	27.29	0.
7	28.00	0.457	20.65	99.99	609.748	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:16:49 AM
Printed by: wet

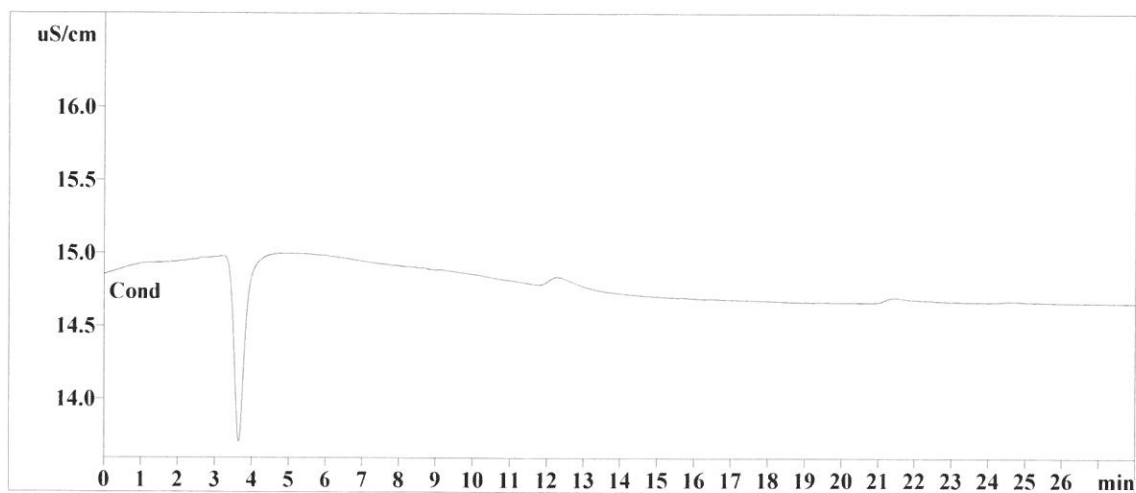
Ident: CCB
Analysis from: 9/6/2019 7:47:45 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68541

Last save: 9/5/2019 8:54:54 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: 9/9/2019 11:17:05 AM
Printed by: wet

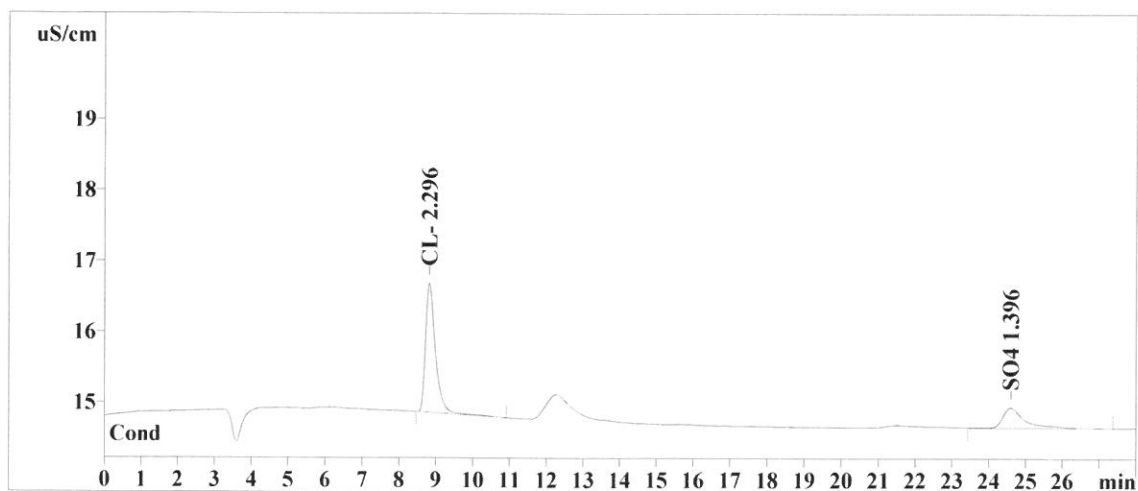
Ident: K4726-08
Analysis from: 9/6/2019 8:18:40 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68542

Last save: 9/5/2019 8:54:54 AM

SAMPLE:
: CT/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	8.82	0.275	1.82	86.34	34.760	74.04	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	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	24.60	0.530	0.29	13.60	12.186	25.96	0.
7	28.00	0.115	2.11	99.94	46.946	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:17:13 AM
Printed by: wet

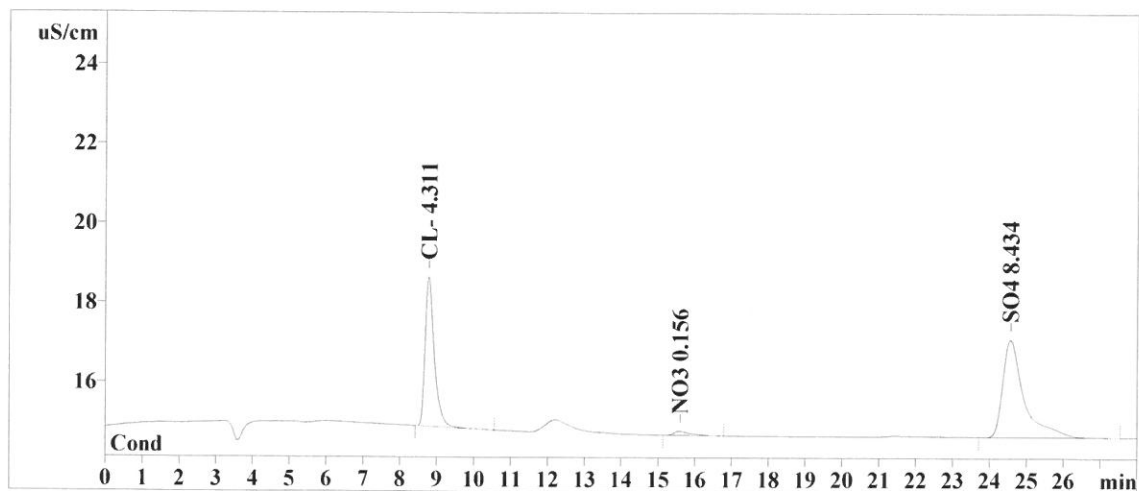
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Analysis from: 9/6/2019 8:49:35 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:08 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68543

Last save: 9/5/2019 8:54:54 AM

SAMPLE:
: CT/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	8.78	0.255	3.76	59.44	65.952	39.45	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	15.58	0.429	0.11	1.69	3.365	2.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.56	0.515	2.46	38.86	97.878	58.54	0.
7	28.00	0.171	6.32	99.99	167.196	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:17:19 AM
Printed by: wet

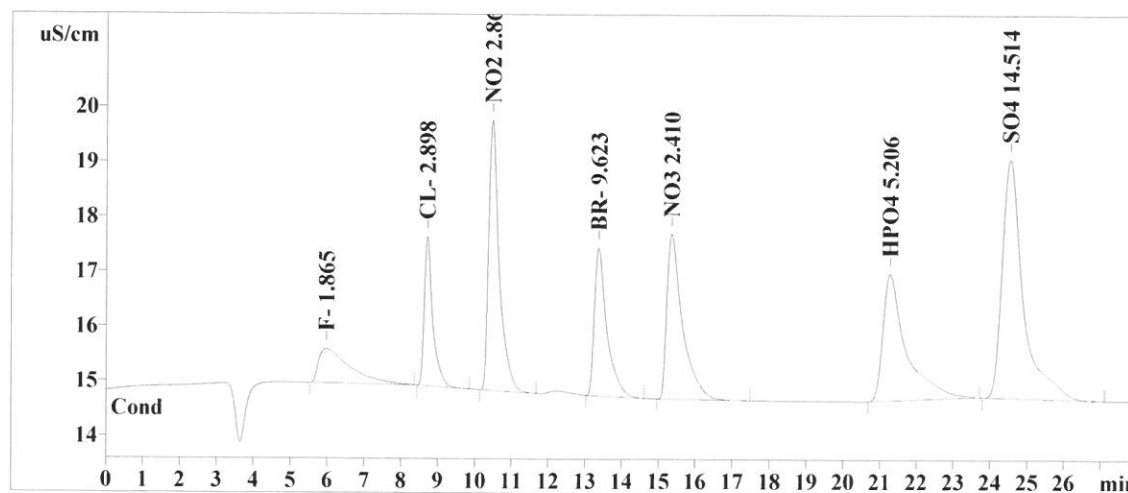
Ident: CCV
Analysis from: 9/6/2019 9:20:29 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:10 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68544

Last save: 9/5/2019 8:54:54 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	0.848	0.63	3.04	37.005	6.07	0.
2	8.70	0.223	2.72	13.18	44.083	7.23	0.
3	10.46	0.283	4.93	23.88	99.443	16.31	0.
4	13.36	0.329	2.70	13.08	64.042	10.50	0.
5	15.34	0.418	3.01	14.56	89.992	14.76	0.
6	21.27	0.547	2.31	11.18	103.203	16.93	0.
7	24.52	0.525	4.35	21.06	171.903	28.20	0.
7	28.00	0.453	20.64	99.98	609.672	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 9/9/2019 11:17:26 AM
Printed by: wet

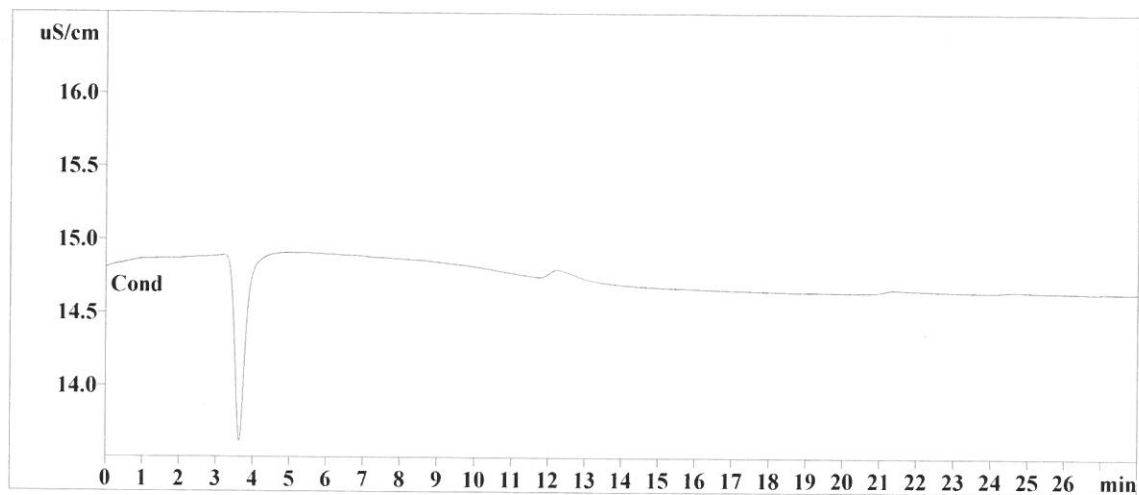
Ident: CCB
Analysis from: 9/6/2019 9:51:24 PM
File: _2019-09-06_

Last save: 9/9/2019 11:07:10 AM

Method: ANIONS 08-12-19.mtw
Run operator: wet
Analysis number: 68545

Last save: 9/5/2019 8:54:54 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