

IC-1 9086A

07/30/19

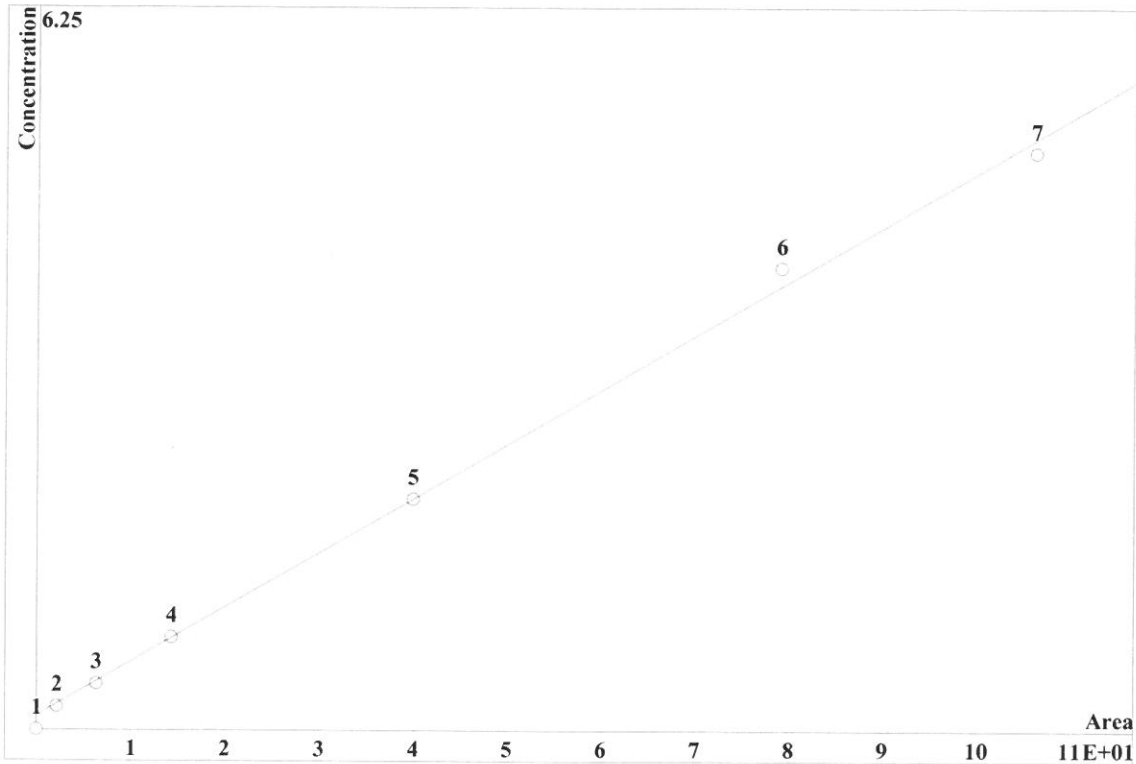
Clear table

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	2019-07-15_	7/15/19 9:32		AK/AP
STD2	0.2240	0.3570	0.3570	1.1780	0.2830	0.3020	1.7180	2019-07-15_	7/15/19 10:04		AK/AP
STD3	0.4210	0.6120	0.6290	2.1050	0.5170	1.0050	3.0290	2019-07-15_	7/15/19 10:35		AK/AP
STD4	0.7970	1.1860	1.1890	3.9550	0.9800	2.1300	5.8160	2019-07-15_	7/15/19 11:07		AK/AP
STD5	2.0000	2.9420	2.9380	9.7590	2.4980	5.2300	15.2870	2019-07-15_	7/15/19 11:38		AK/AP
STD6	3.8420	5.9200	5.8560	19.6470	4.8720	9.7600	28.9600	2019-07-15_	7/15/19 13:54		AK/AP
STD7	5.1170	7.5840	7.6310	25.3560	6.3490	12.5730	38.1890	2019-07-15_	7/15/19 14:26		AK/AP
ICV	1.9620	2.9670	2.9050	9.7450	2.4400	5.2580	14.7170	2019-07-15_	7/15/19 14:57		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-15_	7/15/19 15:28		AK/AP
CCV	2.0790	2.9670	2.9690	9.9200	2.4270	4.9960	14.2640	2019-07-26_	7/26/19 9:01		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-26_	7/26/19 9:40		AK/AP
LB104275BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-26_	7/26/19 10:11		AK/AP
LB104275BSW	2.0080	2.9320	2.9510	9.7040	2.3800	5.0300	13.9800	2019-07-26_	7/26/19 11:46		AK/AP
K4039-01	0.8970	591.6490	0.0000	0.0000	0.2260	0.4930	8.0620	2019-07-26_	7/26/19 18:41		AK/AP
K4039-02	0.0000	453.0940	0.0000	0.0000	2.2140	0.0000	15.9240	2019-07-26_	7/26/19 19:12		AK/AP
K4039-03	0.3050	819.9230	0.0000	0.4250	0.0000	0.0000	41.4620	2019-07-26_	7/26/19 19:44		AK/AP
K4039-04	0.0000	8678.7550	0.0000	18.2840	0.0000	0.0000	982.3760	2019-07-26_	7/26/19 20:15		AK/AP
K4039-05	0.0000	5362.6690	0.0000	10.5360	0.0000	0.0000	1123.1200	2019-07-26_	7/26/19 20:46		AK/AP
CCV	1.8620	2.8860	2.8620	9.5450	2.3440	4.8260	13.7620	2019-07-26_	7/26/19 23:55		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-27_	7/27/19 0:26		AK/AP
CCV	1.9270	2.8710	2.8650	9.4340	2.3160	4.2600	13.6210	2019-07-29_	7/29/19 9:53		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-29_	7/29/19 10:27		AK/AP
LB104275BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-29_	7/29/19 10:58		AK/AP
LB104275BSW2	1.9080	2.8860	2.8820	9.4590	2.3360	4.5540	13.7250	2019-07-29_	7/29/19 11:30		AK/AP
K4039-02DUP	0.0000	448.6470	0.0000	0.0000	2.2120	0.0000	15.9800	2019-07-29_	7/29/19 12:25		AK/AP
K4039-02MS	2.4650	406.8300	2.9020	9.9200	4.5970	6.2030	30.2730	2019-07-29_	7/29/19 12:56		AK/AP
K4039-02MSD	2.4760	408.2850	2.7970	9.5870	4.5310	6.1630	29.7710	2019-07-29_	7/29/19 13:28		AK/AP
CCV	1.9130	2.8980	2.8500	9.5030	2.3590	4.8450	13.7560	2019-07-29_	7/29/19 14:01		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-29_	7/29/19 14:33		AK/AP

CALIBRATION OF COMPONENT F-

IC-1 col
07-15-19 AR

Method: ANIONS 07-15-19.mtw
Equation: $Q = 0.940749 \cdot A + 2.44468$
RSD: 4.816 %
Correlation coefficient: 0.999020

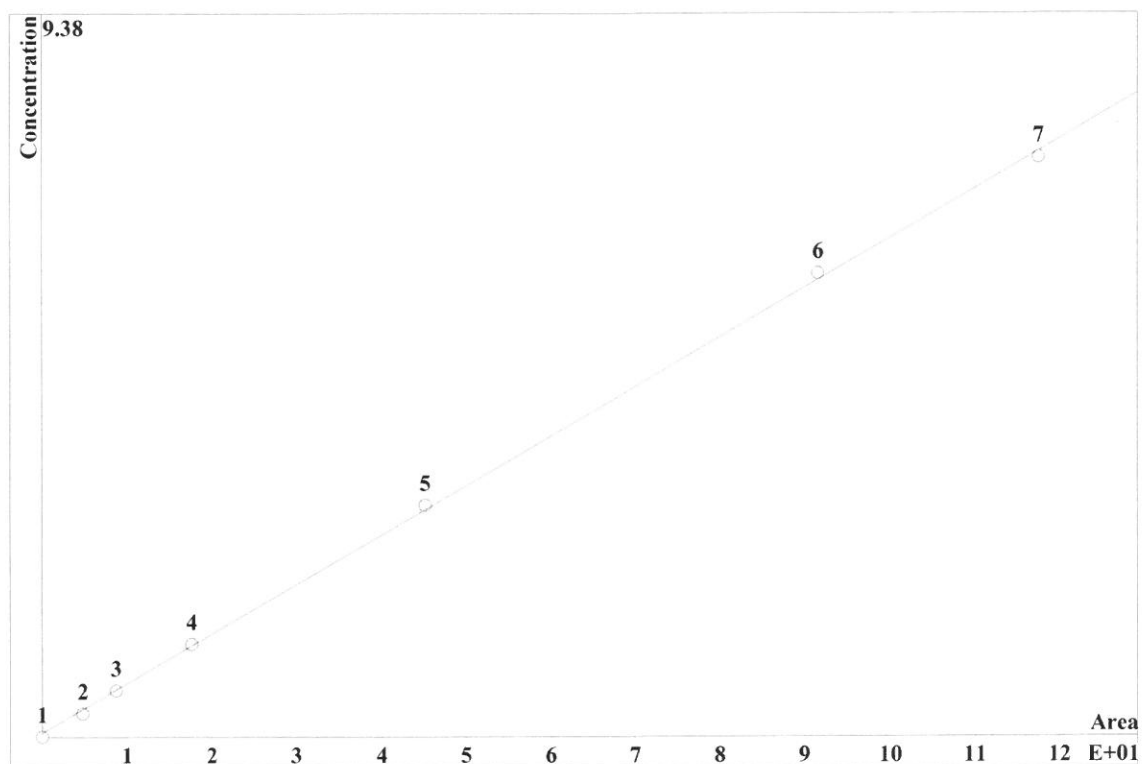


K3 = 0 K2 = 0 K1 = 0.940749 K0 = 2.44468
Base: Area
Ref.channel: Cond
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.0643	2.165	0.2	20	5.998		Yes
3	0.1547	6.354	0.4	20	5.998		Yes
4	0.3183	14.34	0.8	20	5.998		Yes
5	0.838	39.92	2	20	5.998		Yes
6	1.803	79.08	4	20	5.998		Yes
7	2.259	106.2	5	20	5.998		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 1.28176 \cdot A + 1.02714$
 RSD: 2.305 %
 Correlation coefficient: 0.999775

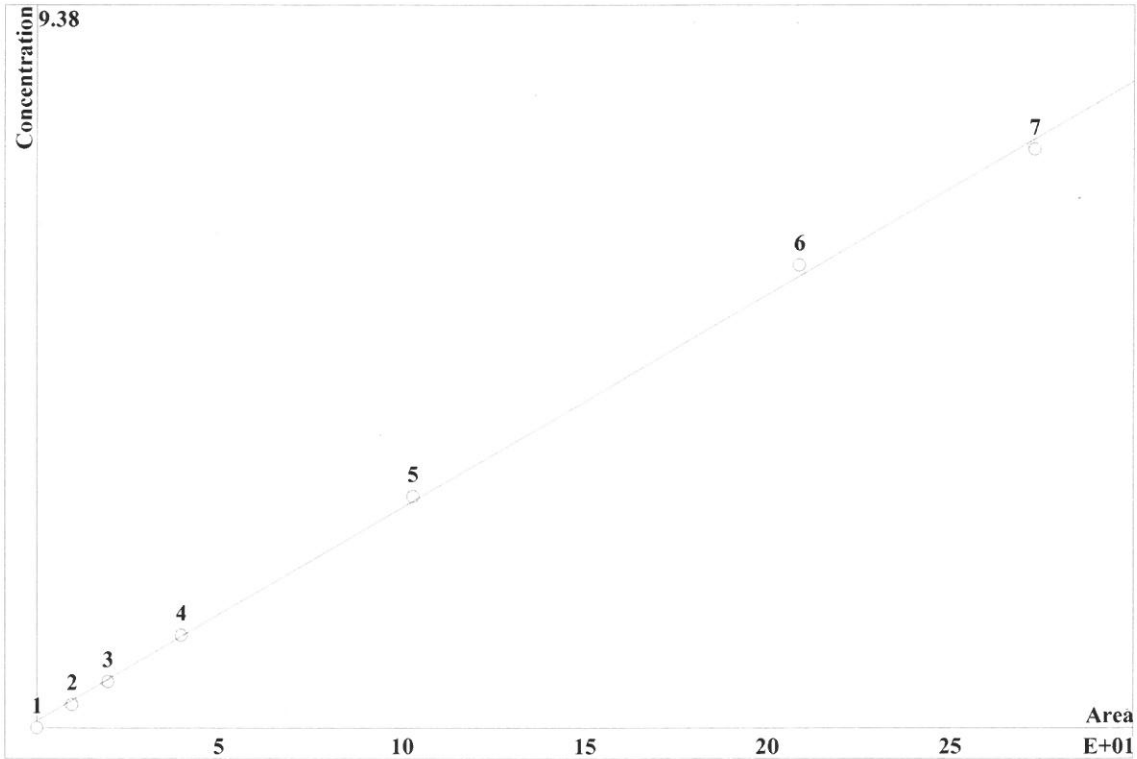


K3 = 0 K2 = 0 K1 = 1.28176 K0 = 1.02714
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	0	No
2	0.364	4.77	0.3	20	9.288	Yes	Yes
3	0.7231	8.748	0.6	20	9.288	Yes	Yes
4	1.463	17.7	1.2	20	9.288	Yes	Yes
5	3.814	45.1	3	20	9.288	Yes	Yes
6	8.095	91.57	6	20	9.288	Yes	Yes
7	10.56	117.5	7.5	20	9.288	Yes	Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.552629 \cdot A + 1.83677$
 RSD: 3.450 %
 Correlation coefficient: 0.999497

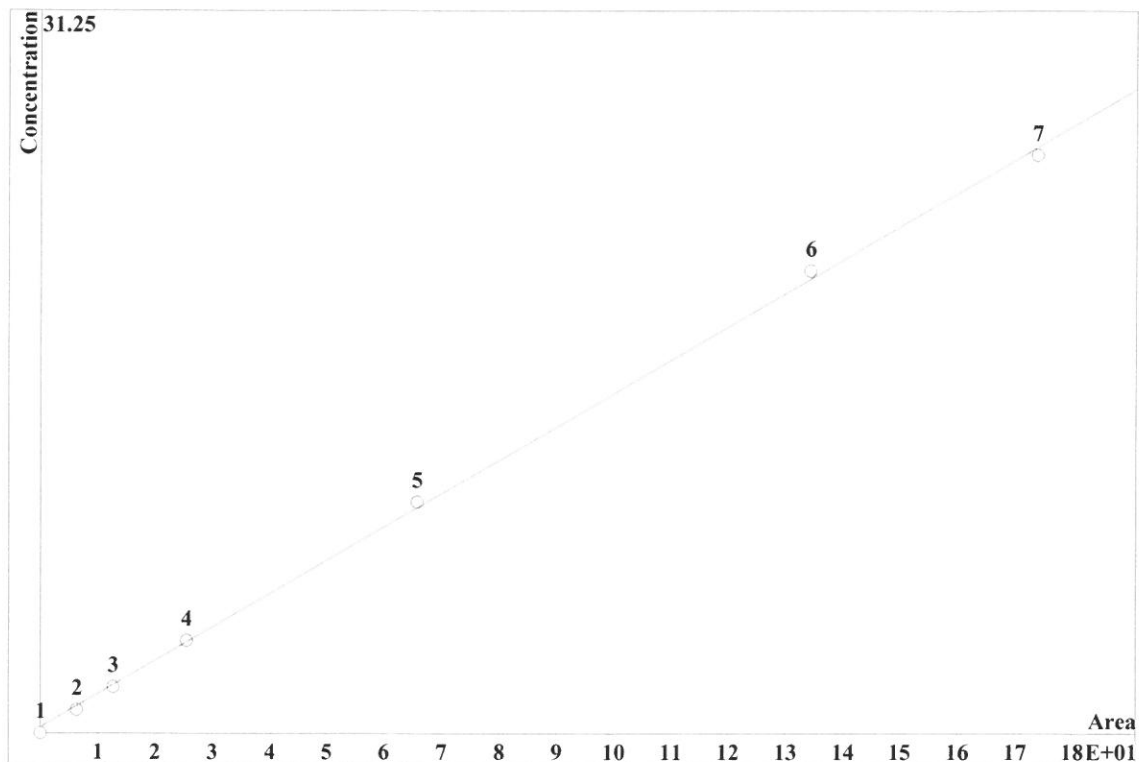


K3 = 0 K2 = 0 K1 = 0.552629 K0 = 1.83677
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.6571	9.585	0.3	20	11.29		Yes
3	1.334	19.46	0.6	20	11.29		Yes
4	2.709	39.69	1.2	20	11.29		Yes
5	6.926	103	3	20	11.29		Yes
6	13.9	208.6	6	20	11.29		Yes
7	17.72	272.8	7.5	20	11.29		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 2.88802 \cdot A + 5.29175$
 RSD: 2.880 %
 Correlation coefficient: 0.999649



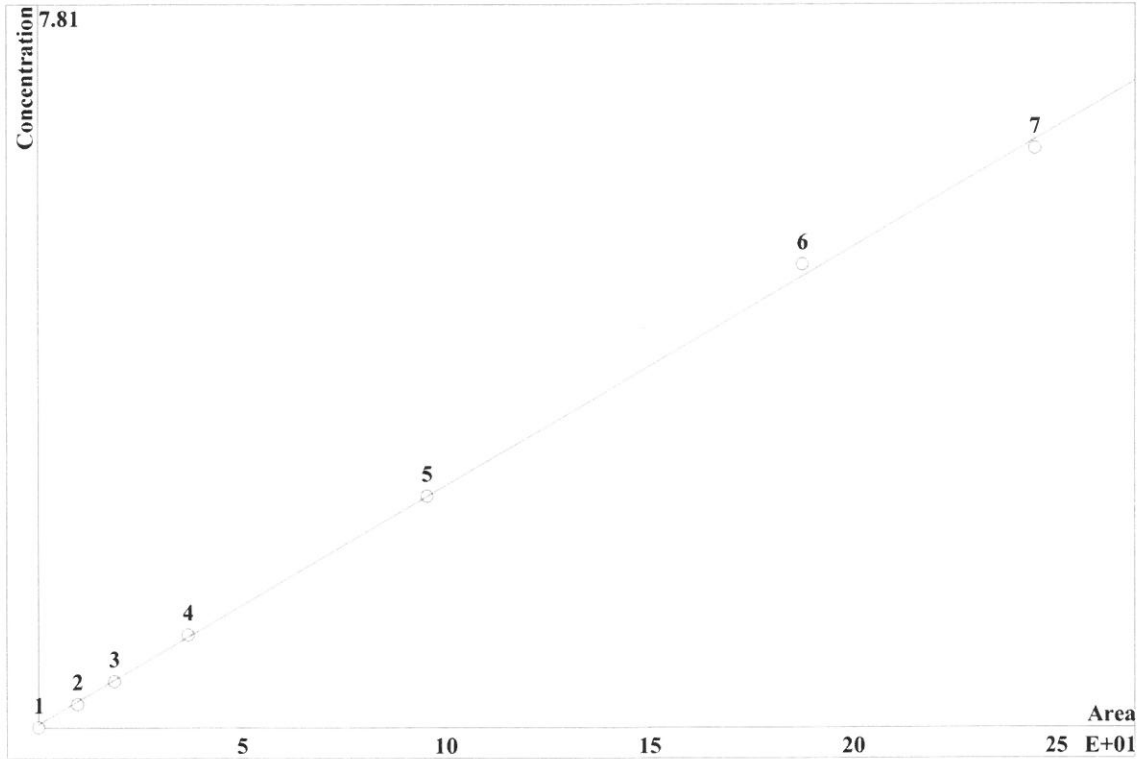
K3 = 0 K2 = 0 K1 = 2.88802 K0 = 5.29175

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	0	0	No
2	0.3368	6.325	1	20	14.64			Yes
3	0.6941	12.74	2	20	14.64			Yes
4	1.424	25.56	4	20	14.64			Yes
5	3.759	65.75	10	20	14.64			Yes
6	8.023	134.2	20	20	14.64			Yes
7	10.47	173.8	25	20	14.64			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 0.516182 \cdot A + 0.686505$
 RSD: 3.239 %
 Correlation coefficient: 0.999557

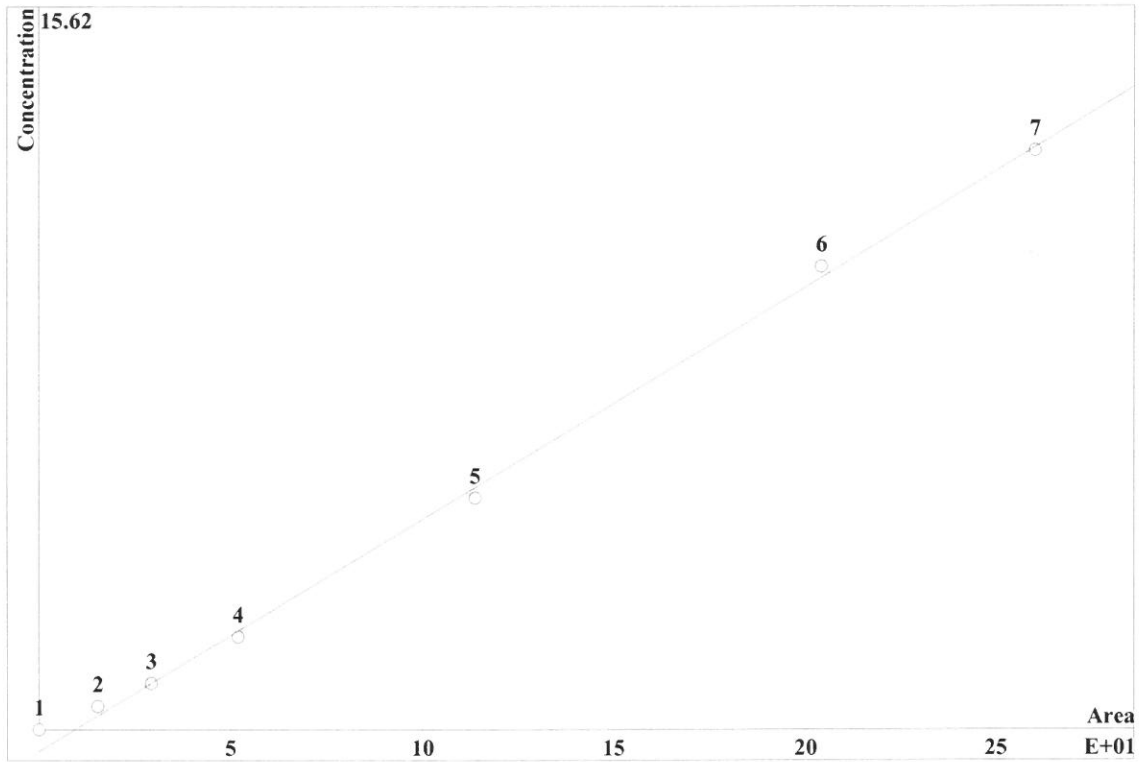


K3 = 0 K2 = 0 K1 = 0.516182 K0 = 0.686505
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.4278	9.64	0.25	20	17.05	Yes		Yes
3	0.8383	18.7	0.5	20	17.05	Yes		Yes
4	1.684	36.66	1	20	17.05	Yes		Yes
5	4.475	95.47	2.5	20	17.05	Yes		Yes
6	9.219	187.4	5	20	17.05	Yes		Yes
7	12.17	244.7	6.25	20	17.05	Yes		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 1.00249 \cdot A - 9.45354$
 RSD: 4.013 %
 Correlation coefficient: 0.999319

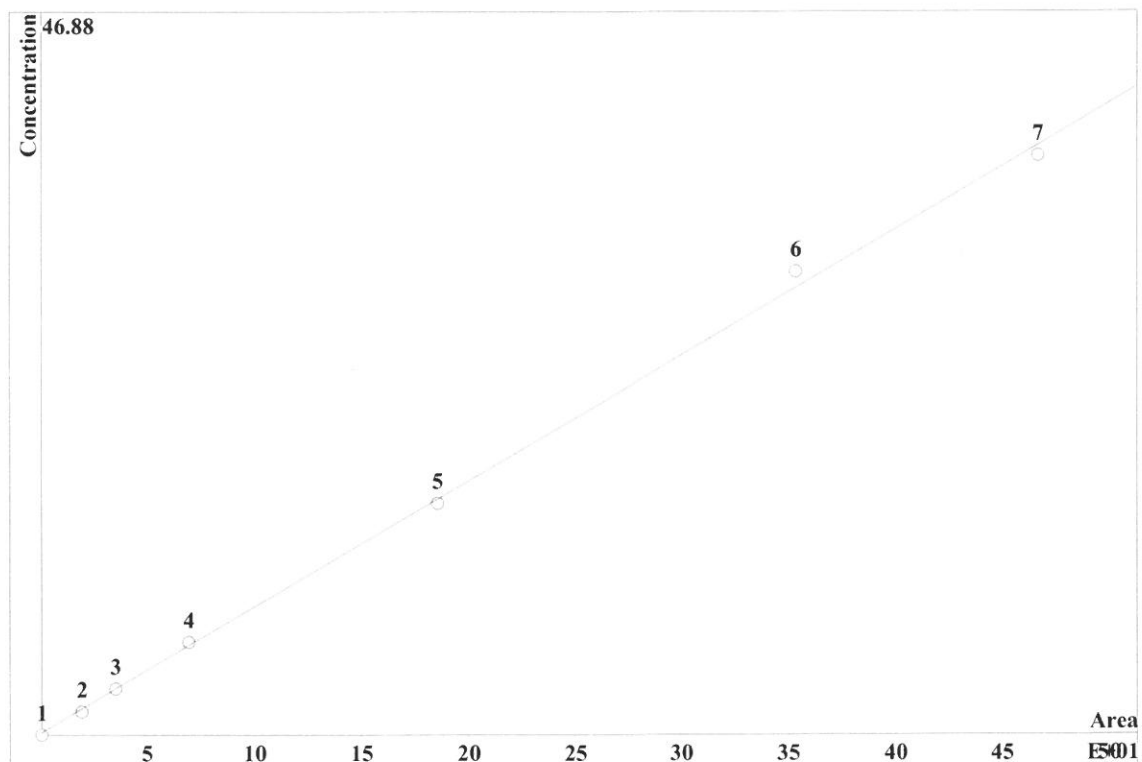


K3 = 0 K2 = 0 K1 = 1.00249 K0 = -9.45354
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4034	15.45	0.5	20	23.3		Yes
3	0.8054	29.48	1	20	23.3		Yes
4	1.454	51.93	2	20	23.3		Yes
5	3.346	113.8	5	20	23.3		Yes
6	6.469	204.2	10	20	23.3		Yes
7	8.227	260.3	12.5	20	23.3		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 07-15-19.mtw
 Equation: $Q = 1.63049 \cdot A + 3.16066$
 RSD: 4.231 %
 Correlation coefficient: 0.999243



K3 = 0 K2 = 0 K1 = 1.63049 K0 = 3.16066
 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	0.6596	19.13	1.5	20	27.39		Yes
3	1.227	35.22	3	20	27.39		Yes
4	2.43	69.41	6	20	27.39		Yes
5	6.671	185.6	15	20	27.39		Yes
6	13.05	353.3	30	20	27.39		Yes
7	17.1	466.5	37.5	20	27.39		Yes

Report date: 7/16/2019 9:46:33 AM
Printed by: wet

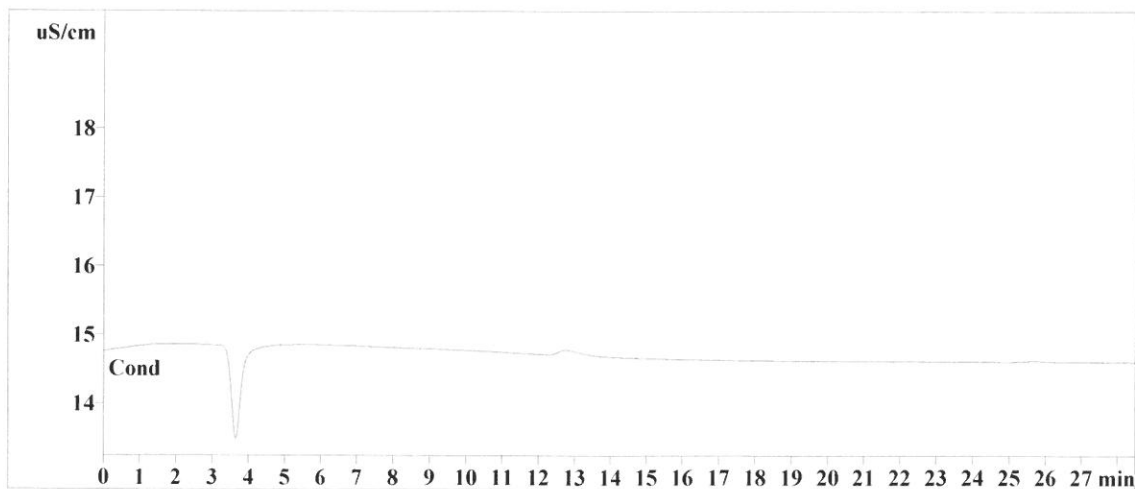
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67826

Last save: 7/15/2019 8:58:48 AM

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: 7/16/2019 9:46:40 AM
Printed by: wet

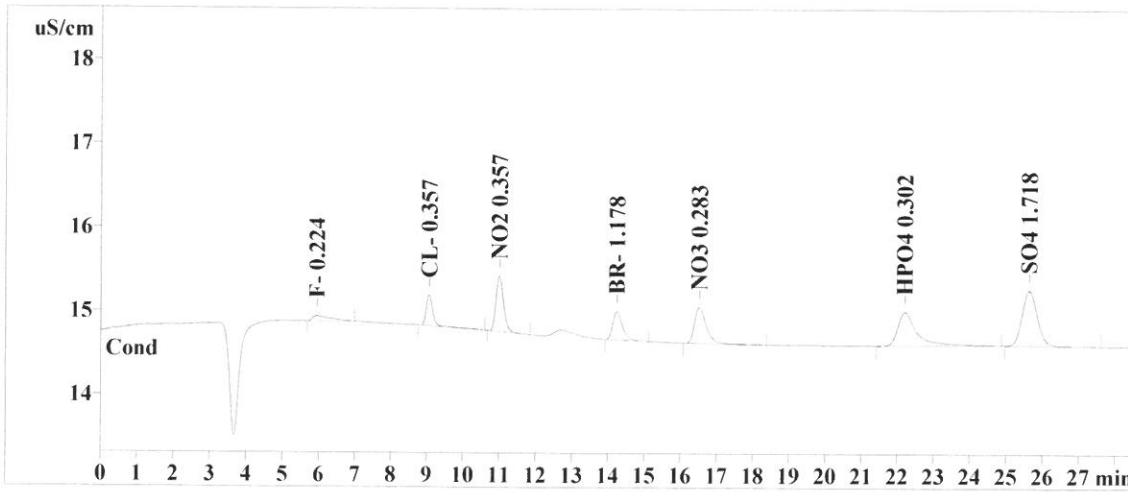
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Analysis from: 7/15/2019 10:04:16 AM
File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67827

Last save: 7/15/2019 8:58:48 AM

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	5.93	0.551	0.06	2.18	2.165	3.23	0.
2	9.06	0.184	0.36	12.47	4.770	7.11	0.
3	10.99	0.220	0.66	22.55	9.585	14.29	0.
4	14.24	0.281	0.34	11.55	6.325	9.43	0.
5	16.52	0.329	0.43	14.66	9.640	14.38	0.
6	22.20	0.485	0.40	13.82	15.446	23.03	0.
7	25.63	0.441	0.66	22.63	19.129	28.53	0.
7	28.50	0.356	2.91	99.86	67.059	100.00	0.

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Report date: 7/16/2019 9:47:02 AM
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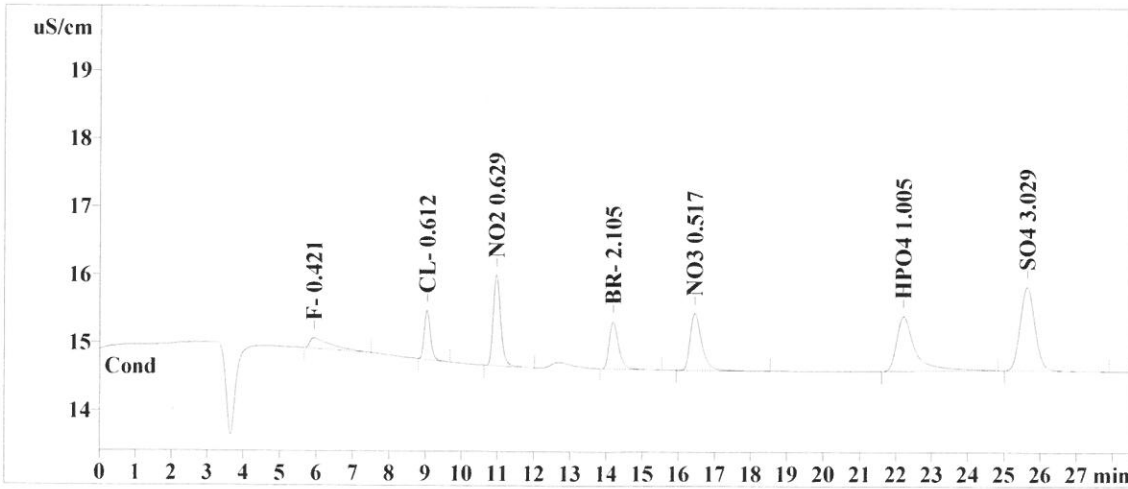
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67828

Last save: 7/15/2019 8:58:48 AM

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	5.94	0.590	0.15	2.67	6.354	4.86	0.
2	9.04	0.182	0.72	12.51	8.748	6.69	0.
3	10.96	0.219	1.33	23.09	19.456	14.89	0.
4	14.18	0.273	0.69	12.00	12.745	9.75	0.
5	16.44	0.326	0.84	14.50	18.704	14.31	0.
6	22.20	0.469	0.81	13.94	29.481	22.55	0.
7	25.62	0.437	1.23	21.25	35.219	26.95	0.
7	28.50	0.357	5.77	99.97	130.706	100.00	0.

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Report date: 7/16/2019 9:48:03 AM
Printed by: wet

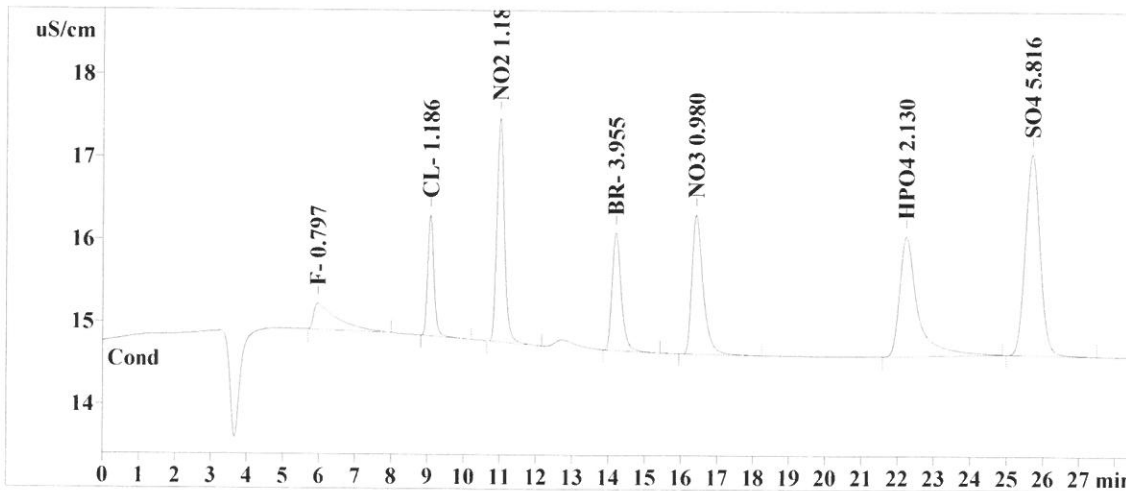
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File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67829

Last save: 7/15/2019 8:58:48 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	5.96	0.612	0.32	2.76	14.336	5.62	0.
2	9.07	0.180	1.46	12.74	17.697	6.93	0.
3	10.98	0.219	2.71	23.58	39.695	15.55	0.
4	14.19	0.268	1.42	12.40	25.555	10.01	0.
5	16.40	0.319	1.68	14.66	36.660	14.36	0.
6	22.23	0.462	1.45	12.66	51.933	20.34	0.
7	25.67	0.436	2.43	21.16	69.405	27.19	0.
7	28.50	0.356	11.48	99.97	255.282	100.00	0.

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Report date: 7/16/2019 9:48:14 AM
 Printed by: wet

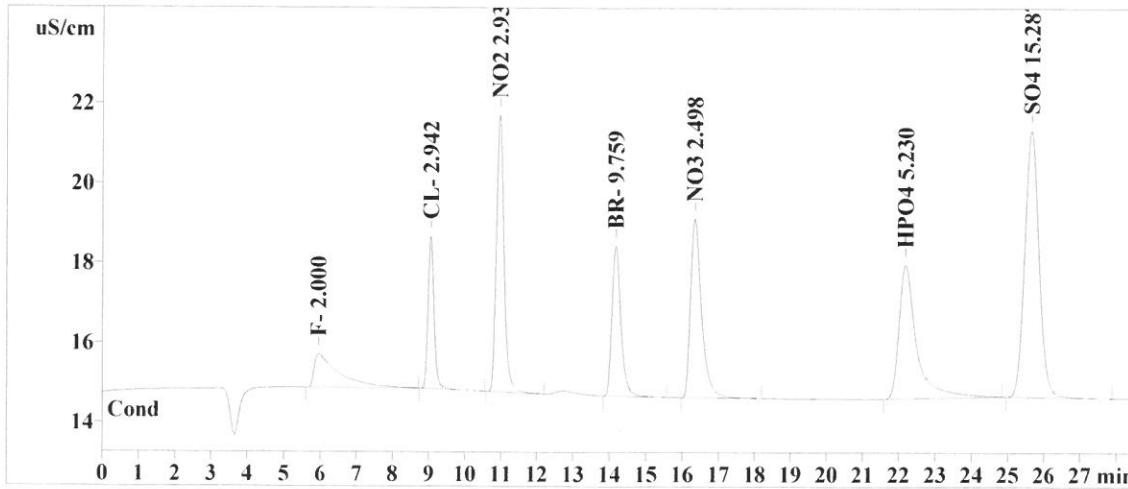
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 File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67830

Last save: 7/15/2019 8:58:48 AM

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	0.615	0.84	2.81	39.918	6.15	0.
2	9.04	0.176	3.81	12.79	45.101	6.95	0.
3	10.94	0.222	6.93	23.22	103.008	15.88	0.
4	14.16	0.260	3.76	12.60	65.751	10.14	0.
5	16.32	0.313	4.47	15.00	95.470	14.72	0.
6	22.18	0.443	3.35	11.22	113.770	17.54	0.
7	25.63	0.424	6.67	22.36	185.580	28.61	0.
7	28.50	0.350	29.83	99.99	648.598	100.00	0.

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Report date: 7/16/2019 9:48:23 AM
 Printed by: wet

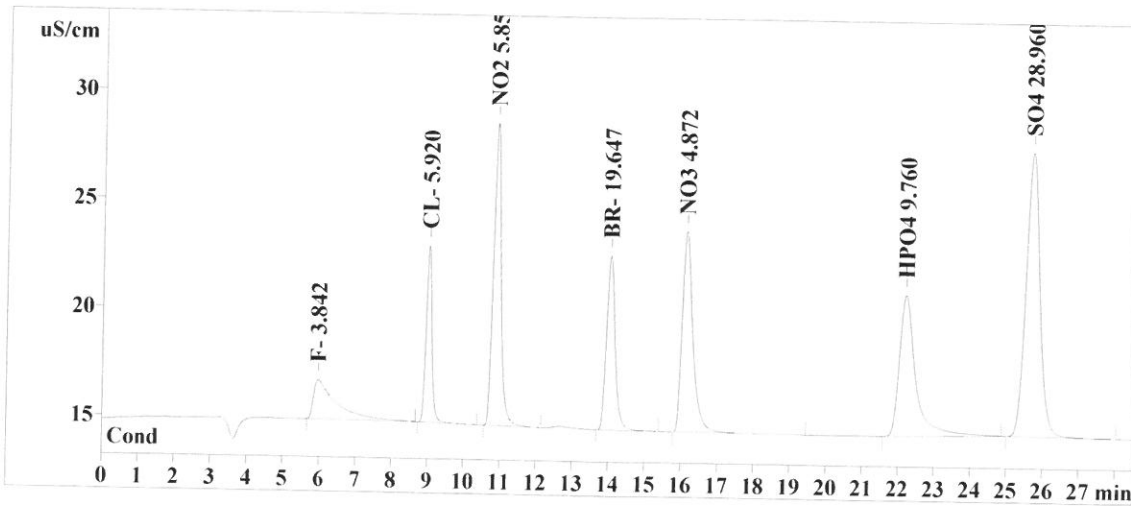
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 File: _2019-07-15_

Last save: 7/15/2019 3:05:30 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67835

Last save: 7/15/2019 8:58:48 AM

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	5.96	0.566	1.80	2.98	79.078	6.28	0.
2	9.00	0.169	8.09	13.37	91.570	7.28	0.
3	10.85	0.224	13.90	22.95	208.623	16.58	0.
4	14.02	0.250	8.02	13.25	134.226	10.67	0.
5	16.10	0.294	9.22	15.22	187.437	14.90	0.
6	22.18	0.418	6.47	10.68	204.154	16.22	0.
7	25.66	0.411	13.05	21.55	353.297	28.08	0.
7	28.50	0.333	60.55	100.00	1258.385	100.00	0.

This report has been created by IC Net
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Report date: 7/16/2019 9:48:30 AM
Printed by: wet

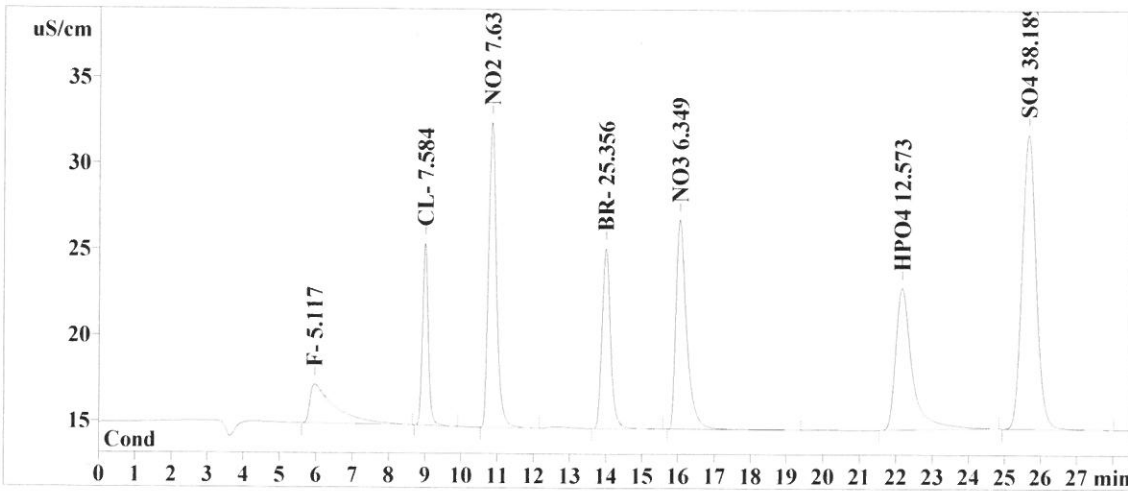
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File: _2019-07-15_

Last save: 7/15/2019 3:05:50 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67836

Last save: 7/15/2019 3:05:48 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	5.97	0.614	2.26	2.88	106.177	6.47	0.
2	8.99	0.166	10.56	13.45	117.531	7.16	0.
3	10.82	0.230	17.72	22.57	272.838	16.62	0.
4	13.98	0.248	10.47	13.34	173.764	10.58	0.
5	16.03	0.291	12.17	15.50	244.672	14.90	0.
6	22.15	0.422	8.23	10.48	260.256	15.85	0.
7	25.63	0.416	17.10	21.78	466.499	28.41	0.
7	28.50	0.341	78.51	100.00	1641.738	100.00	0.

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Report date: 7/16/2019 9:51:31 AM
 Printed by: wet

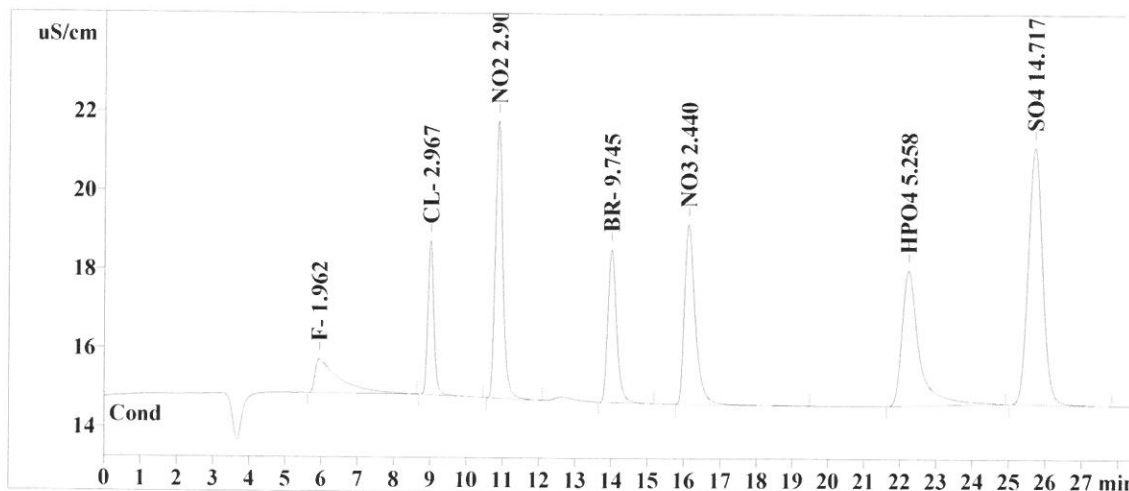
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Last save: 7/15/2019 3:25:44 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 67837

Last save: 7/15/2019 2:54:18 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	5.95	0.596	0.86	2.86	39.875	6.24	0.
2	9.00	0.174	3.89	12.93	45.489	7.12	0.
3	10.86	0.216	7.01	23.28	101.827	15.94	0.
4	13.99	0.253	3.88	12.87	65.653	10.28	0.
5	16.11	0.298	4.56	15.12	93.204	14.59	0.
6	22.22	0.434	3.43	11.37	114.320	17.89	0.
7	25.69	0.418	6.50	21.58	178.589	27.95	0.
7	28.50	0.341	30.13	99.99	638.958	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/16/2019 9:51:45 AM
Printed by: wet

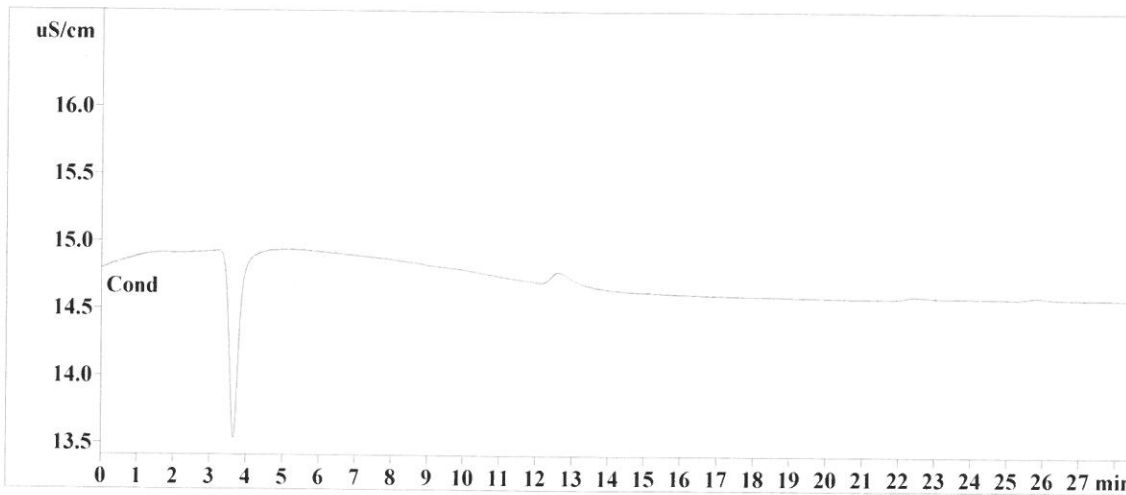
Ident: ICB
Analysis from: 7/15/2019 3:28:49 PM
File: _2019-07-15_

Last save: 7/16/2019 9:51:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67838

Last save: 7/15/2019 3:05:48 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: 7/30/2019 8:35:18 AM
 Printed by: wet

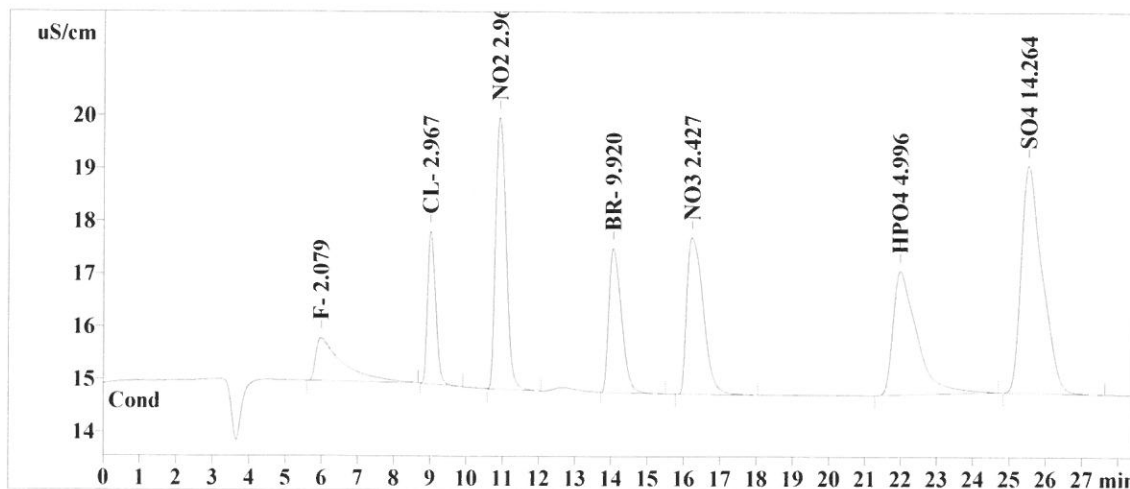
Ident: CCV
 Analysis from: 7/26/2019 9:01:53 AM
 File: _2019-07-26_

Last save: 7/30/2019 8:34:42 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68057

Last save: 7/15/2019 3:05:48 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	5.98	0.668	0.81	3.84	41.593	6.57	0.
2	9.00	0.248	2.89	13.64	45.501	7.19	0.
3	10.89	0.320	5.14	24.25	104.114	16.45	0.
4	14.05	0.387	2.73	12.88	66.864	10.56	0.
5	16.22	0.494	2.97	14.00	92.712	14.65	0.
6	21.97	0.688	2.34	11.06	109.110	17.24	0.
7	25.52	0.620	4.31	20.31	173.028	27.34	0.
7	28.50	0.489	21.19	99.98	632.922	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/30/2019 8:35:26 AM
Printed by: wet

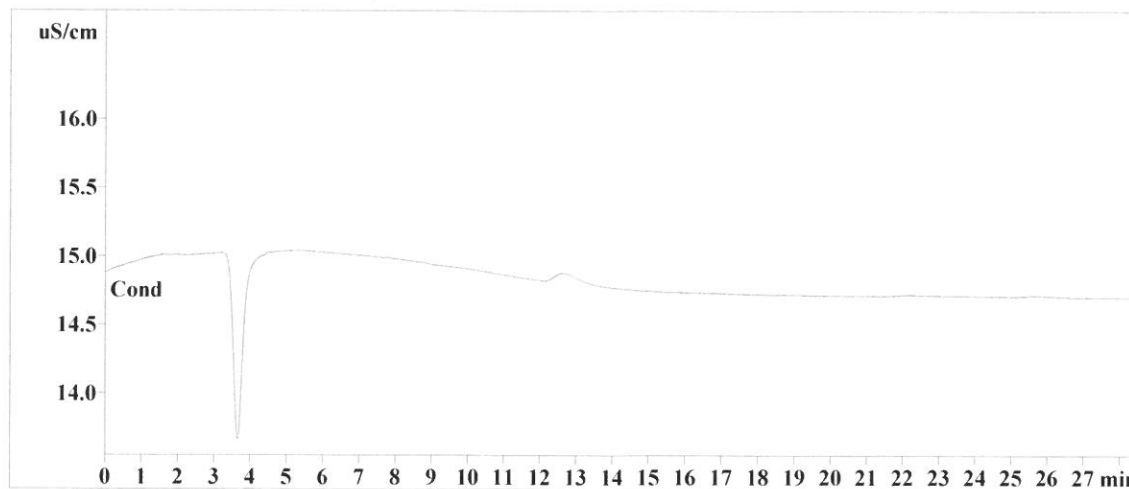
Ident: CCB
Analysis from: 7/26/2019 9:40:25 AM
File: _2019-07-26_

Last save: 7/30/2019 8:34:42 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68058

Last save: 7/15/2019 3:05:48 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: 7/30/2019 8:35:33 AM
Printed by: wet

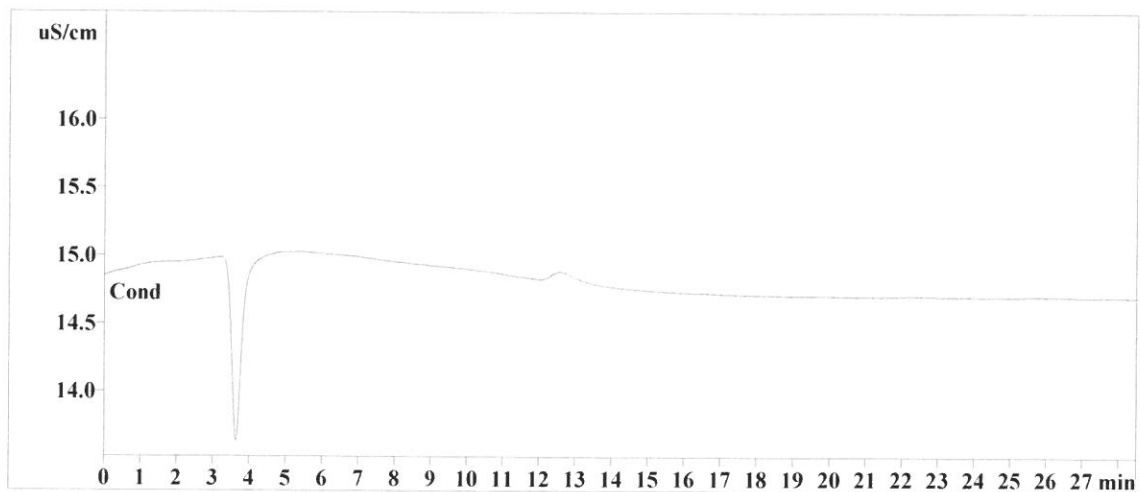
Ident: LB104275BLW
Analysis from: 7/26/2019 10:11:50 AM
File: _2019-07-26_

Last save: 7/30/2019 8:34:42 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68059

Last save: 7/15/2019 3:05:48 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 7/30/2019 8:35:42 AM
Printed by: wet

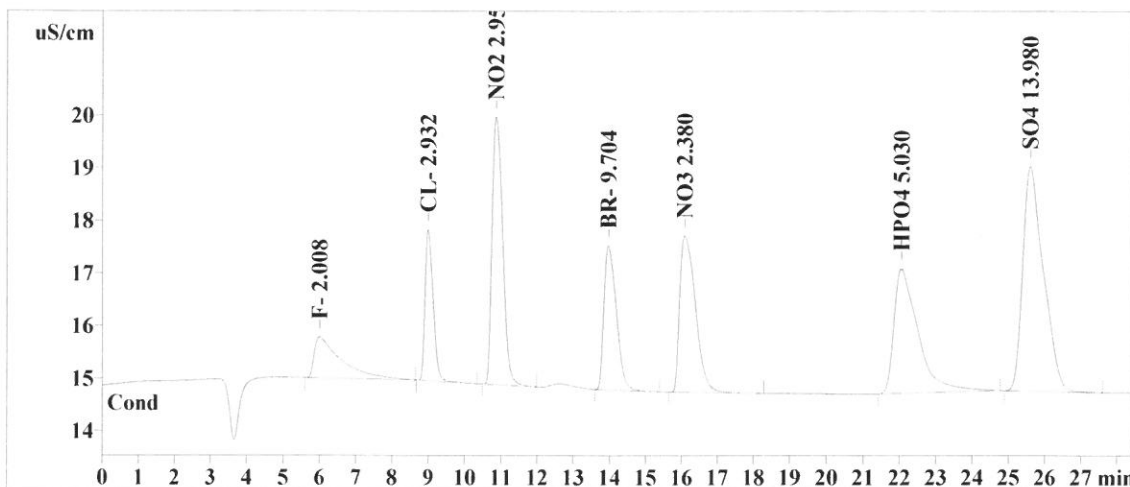
Ident: LB104275BSW
Analysis from: 7/26/2019 11:46:03 AM
File: _2019-07-26_

Last save: 7/30/2019 8:34:42 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68062

Last save: 7/15/2019 3:05:48 PM

SAMPLE:
: AK/AP
Vial number: 35
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	6.01	0.692	0.78	3.70	40.085	6.42	0.
2	8.99	0.246	2.87	13.61	44.949	7.20	0.
3	10.85	0.322	5.08	24.11	103.487	16.58	0.
4	13.96	0.378	2.73	12.97	65.368	10.47	0.
5	16.08	0.484	2.97	14.11	90.883	14.56	0.
6	22.04	0.686	2.37	11.24	109.771	17.59	0.
7	25.59	0.622	4.27	20.25	169.538	27.17	0.
7	28.50	0.490	21.08	99.98	624.080	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/29/2019 9:58:33 AM
Printed by: wet

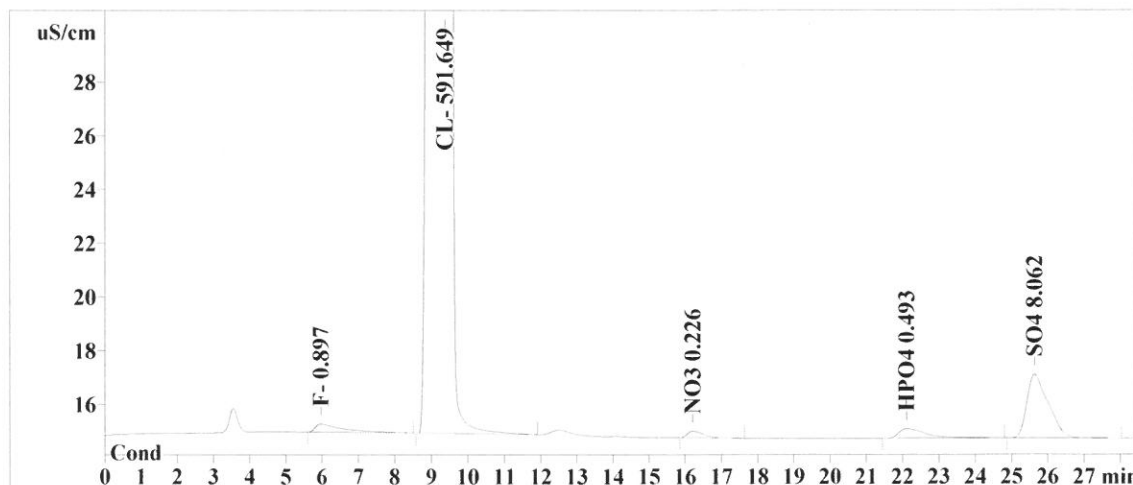
Ident: K4039-01
Analysis from: 7/26/2019 6:41:16 PM
File: _2019-07-26_

Last save: 7/26/2019 7:09:34 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68076

Last save: 7/15/2019 3:05:48 PM

SAMPLE:
: AK/AP
Vial number: 37
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	0.719	0.30	0.08	16.470	0.18	0.
2	9.36	0.402	377.11	99.06	9230.991	98.50	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	16.21	0.476	0.25	0.07	7.427	0.08	0.
6	22.12	0.759	0.36	0.10	19.264	0.21	0.
7	25.63	0.657	2.37	0.62	96.954	1.03	0.
7	28.50	0.430	380.39	99.93	9371.107	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/29/2019 9:59:06 AM
 Printed by: wet

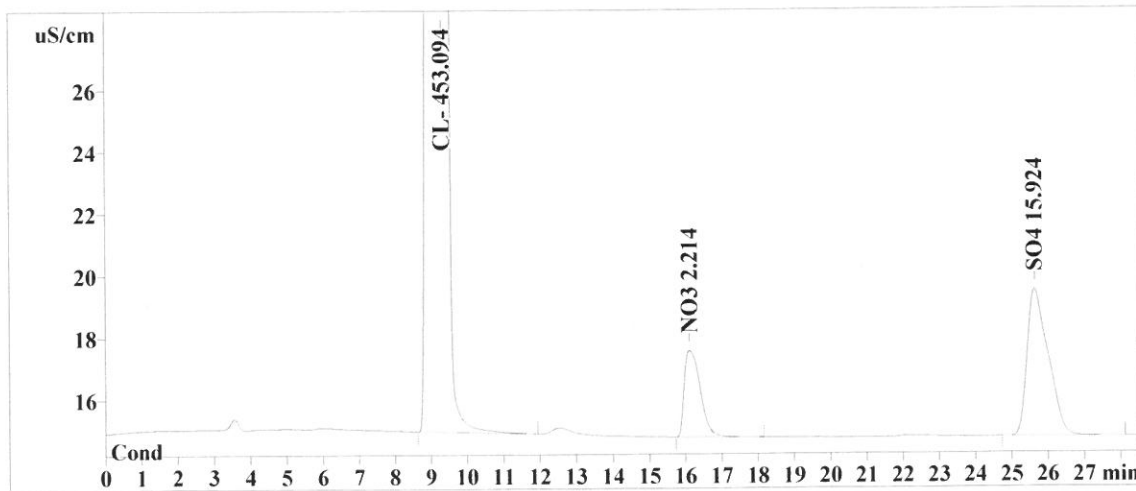
Ident: K4039-02
 Analysis from: 7/26/2019 7:12:40 PM
 File: _2019-07-26_

Last save: 7/29/2019 9:59:02 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68077

Last save: 7/15/2019 3:05:48 PM

SAMPLE: AK/AP
 :
 Vial number: 38
 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	9.30	0.351	327.00	97.71	7069.060	96.22	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	16.11	0.477	2.79	0.83	84.437	1.15	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.63	0.657	4.74	1.42	193.388	2.63	0.
7	28.50	0.212	334.53	99.96	7346.885	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/29/2019 9:59:48 AM
 Printed by: wet

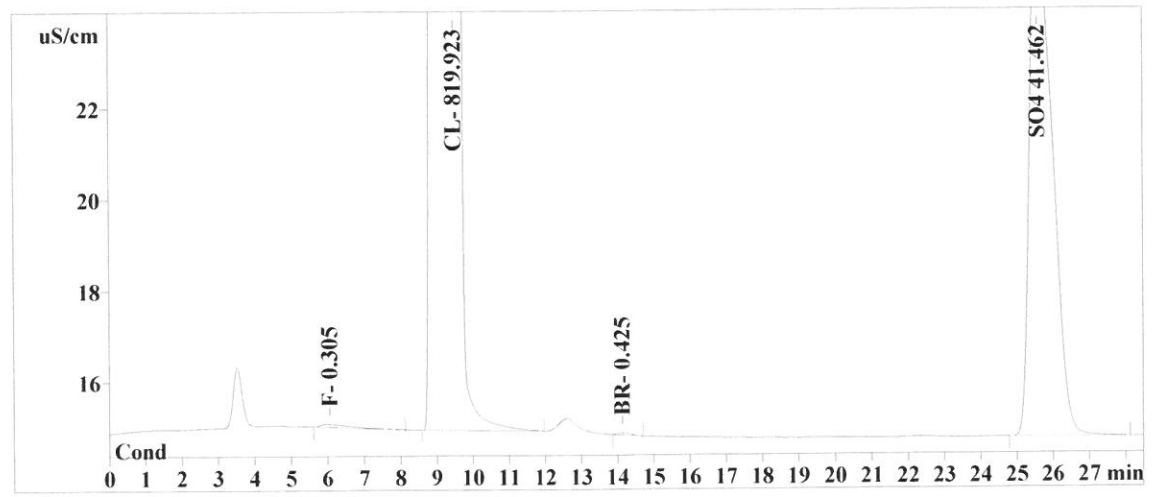
Ident: K4039-03
 Analysis from: 7/26/2019 7:44:05 PM
 File: _2019-07-26_

Last save: 7/26/2019 8:12:24 PM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68078

Last save: 7/15/2019 3:05:48 PM

SAMPLE: AK/AP
 :
 Vial number: 39
 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	6.05	0.828	0.07	0.01	3.885	0.03	0.
2	9.46	0.482	444.11	97.27	12792.878	96.15	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.13	0.387	0.05	0.01	1.113	0.01	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	25.59	0.681	12.18	2.67	506.650	3.81	0.
7	28.50	0.340	456.40	99.97	13304.526	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/29/2019 10:02:43 AM
Printed by: wet

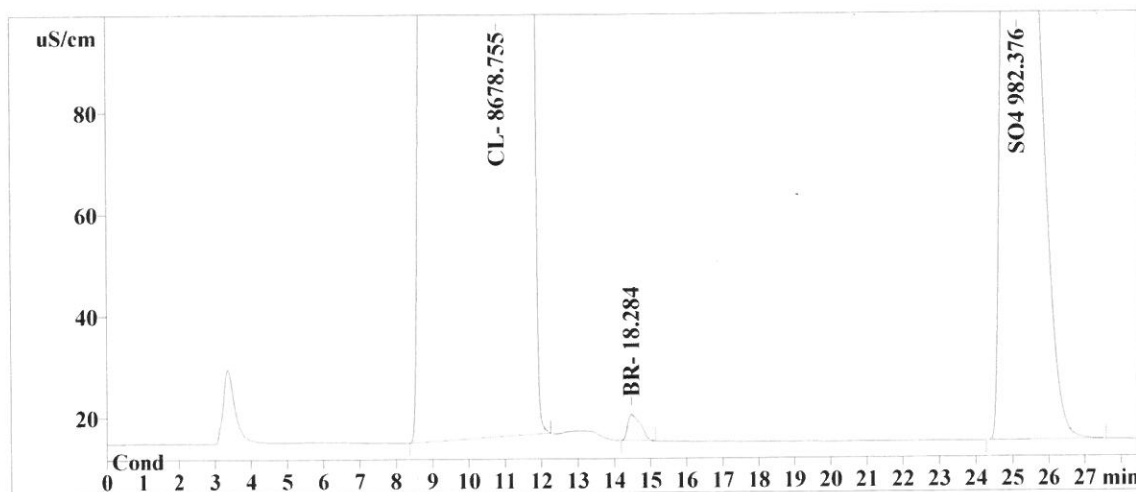
Ident: K4039-04
Analysis from: 7/26/2019 8:15:29 PM
File: _2019-07-26_

Last save: 7/29/2019 10:02:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68079

Last save: 7/15/2019 3:05:48 PM

SAMPLE: AK/AP
Vial number: 40
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	10.78	2.485	978.57	81.79	135418.207	91.75	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.48	0.417	5.14	0.43	124.786	0.08	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	25.14	0.923	212.60	17.77	12048.110	8.16	0.
7	28.50	0.547	1196.32	100.00	147591.104	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/29/2019 10:03:46 AM
Printed by: wet

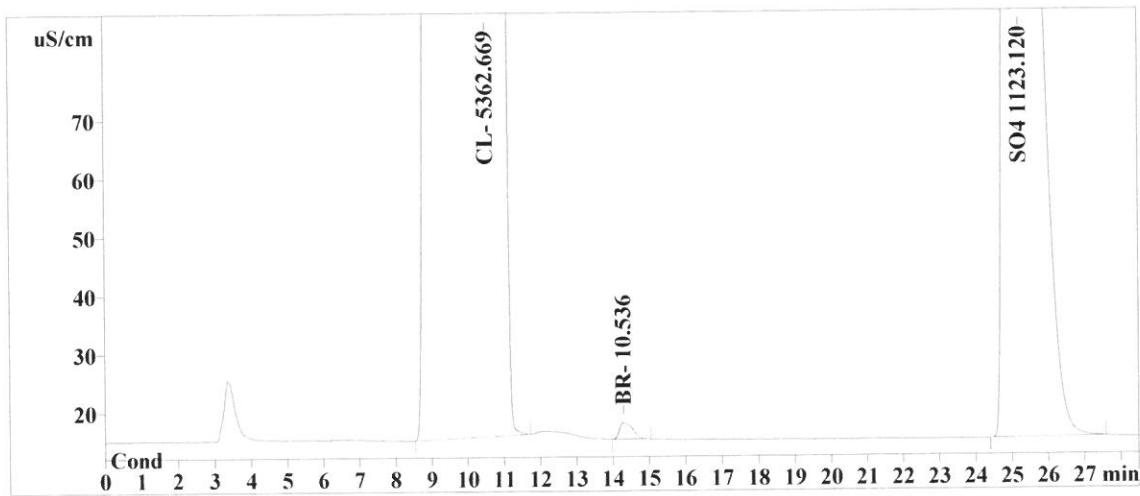
Ident: K4039-05
Analysis from: 7/26/2019 8:46:54 PM
File: _2019-07-26_

Last save: 7/29/2019 10:03:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68080

Last save: 7/15/2019 3:05:48 PM

SAMPLE: AK/AP
Vial number: 41
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	10.50	1.729	850.65	77.25	83675.637	85.80	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.29	0.429	2.80	0.25	71.134	0.07	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	25.20	0.900	247.78	22.50	13774.510	14.12	0.
7	28.50	0.437	1101.22	100.00	97521.281	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/30/2019 8:36:24 AM
 Printed by: wet

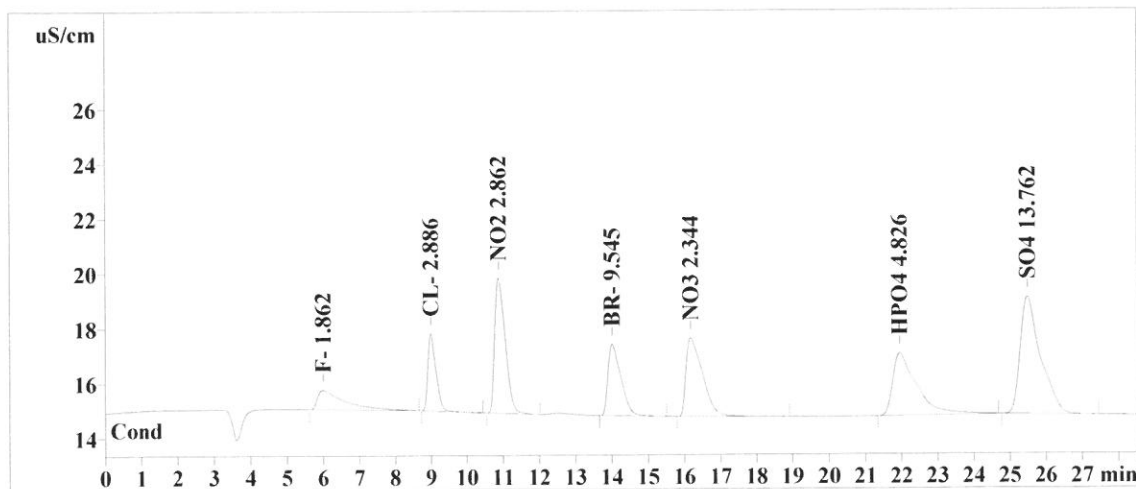
Ident: CCV
 Analysis from: 7/26/2019 11:55:21 PM
 File: _2019-07-26_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68086

Last save: 7/15/2019 3:05:48 PM

SAMPLE: AK/AP
 :
 Vial number: 33
 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	5.99	0.702	0.70	3.43	36.989	6.09	0.
2	8.99	0.244	2.80	13.71	44.234	7.28	0.
3	10.87	0.324	4.91	24.04	100.271	16.50	0.
4	14.01	0.388	2.61	12.77	64.270	10.57	0.
5	16.18	0.502	2.85	13.95	89.497	14.72	0.
6	21.95	0.673	2.28	11.17	105.719	17.39	0.
7	25.49	0.557	4.27	20.91	166.872	27.45	0.
7	28.50	0.484	20.42	99.99	607.853	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/30/2019 8:36:32 AM
Printed by: wet

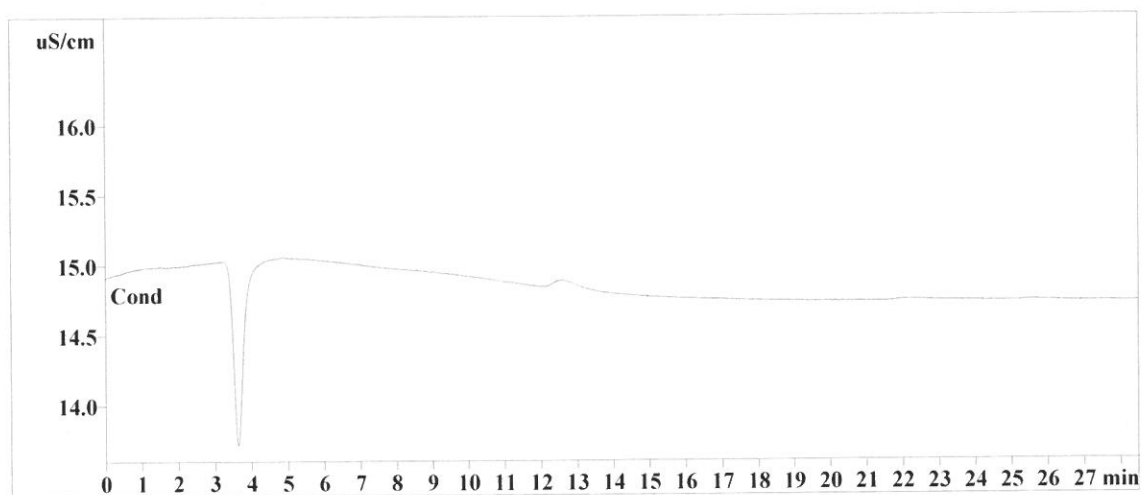
Ident: CCB
Analysis from: 7/27/2019 12:26:45 AM
File: _2019-07-27_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68087

Last save: 7/15/2019 3:05:48 PM

SAMPLE:
: AK/AP
Vial number: 34
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: 7/30/2019 8:37:02 AM
 Printed by: wet

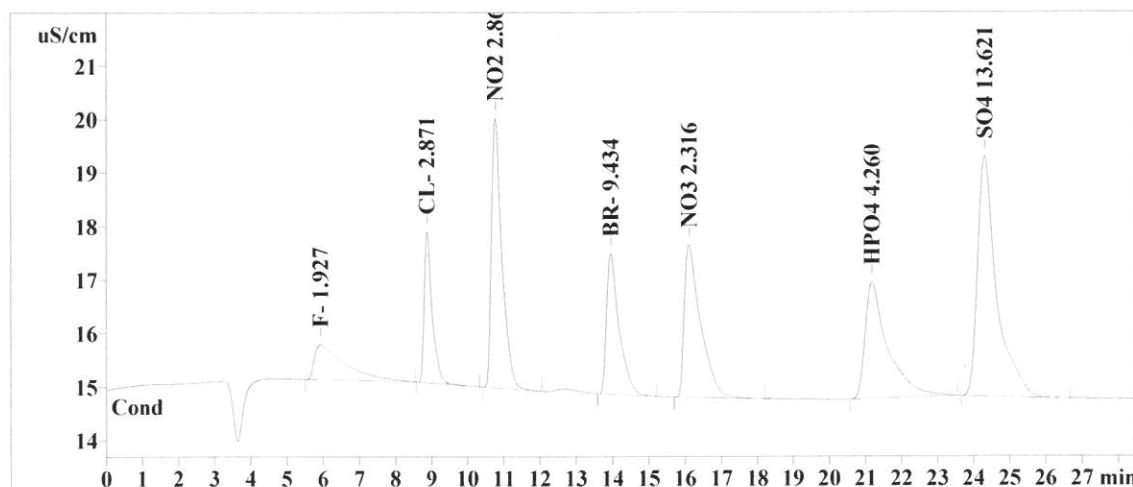
Ident: CCV
 Analysis from: 7/29/2019 9:53:23 AM
 File: _2019-07-29_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68121

Last save: 7/15/2019 3:05:48 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	5.93	0.826	0.65	3.15	38.374	6.46	0.
2	8.87	0.219	2.82	13.67	44.003	7.41	0.
3	10.76	0.289	5.03	24.39	100.346	16.89	0.
4	13.94	0.345	2.62	12.70	63.501	10.69	0.
5	16.10	0.452	2.85	13.81	88.415	14.88	0.
6	21.17	0.551	2.17	10.52	94.410	15.89	0.
7	24.30	0.489	4.49	21.74	165.144	27.79	0.
7	28.50	0.453	20.64	99.99	594.194	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/30/2019 8:37:11 AM
Printed by: wet

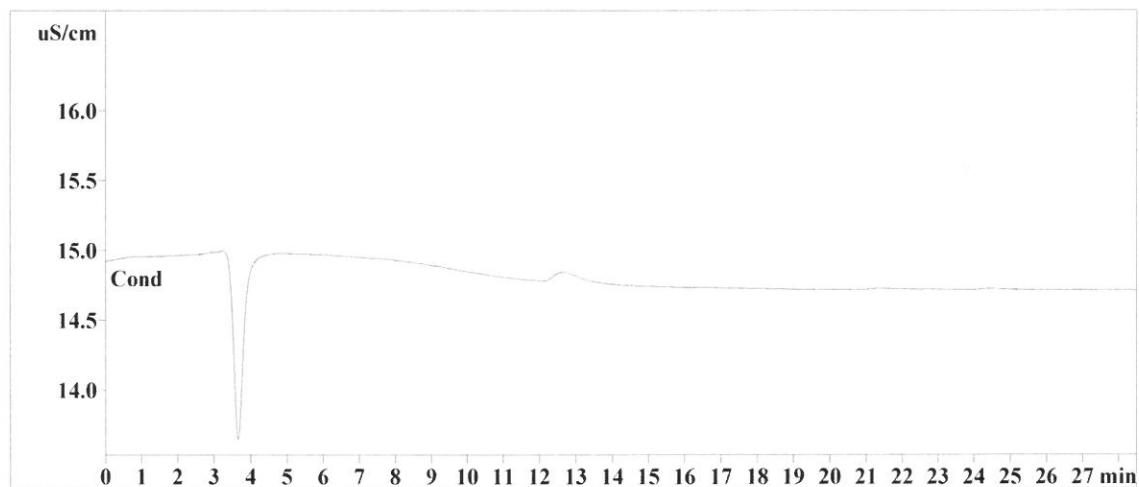
Ident: CCB
Analysis from: 7/29/2019 10:27:32 AM
File: _2019-07-29_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68122

Last save: 7/15/2019 3:05:48 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: 7/30/2019 8:37:28 AM
Printed by: wet

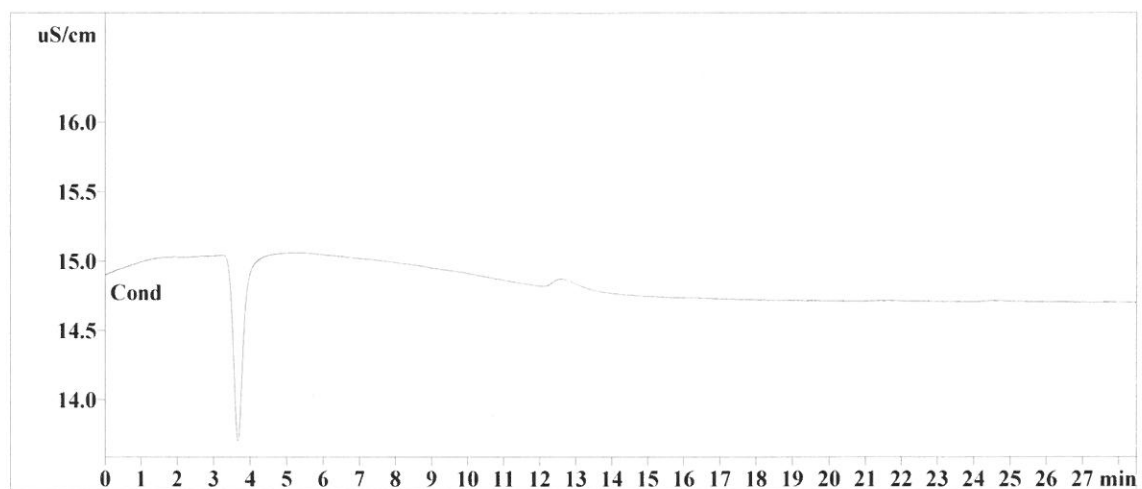
Ident: LB104275BLW2
Analysis from: 7/29/2019 10:58:57 AM
File: _2019-07-29_

Last save: 7/30/2019 8:37:28 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68123

Last save: 7/15/2019 3:05:48 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 7/30/2019 8:37:51 AM
 Printed by: wet

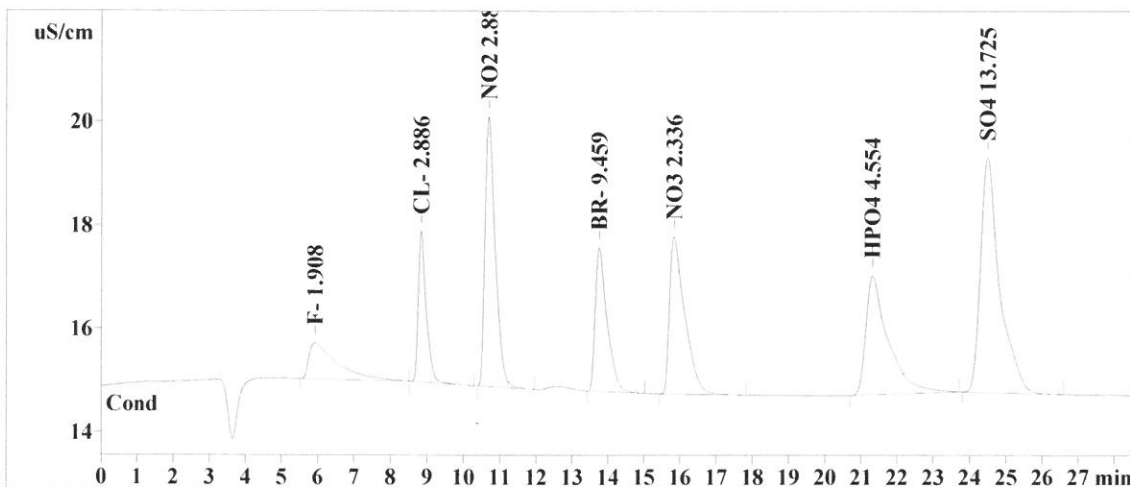
Ident: LB104275BSW2
 Analysis from: 7/29/2019 11:30:21 AM
 File: _2019-07-29_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68124

Last save: 7/15/2019 3:05:48 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	5.93	0.753	0.70	3.26	37.969	6.30	0.
2	8.83	0.219	2.90	13.53	44.229	7.34	0.
3	10.67	0.291	5.21	24.25	100.982	16.75	0.
4	13.74	0.337	2.78	12.94	63.671	10.56	0.
5	15.83	0.445	3.03	14.14	89.162	14.79	0.
6	21.31	0.583	2.30	10.72	100.275	16.64	0.
7	24.47	0.499	4.54	21.14	166.419	27.61	0.
7	28.50	0.447	21.46	99.99	602.705	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/30/2019 8:38:02 AM
Printed by: wet

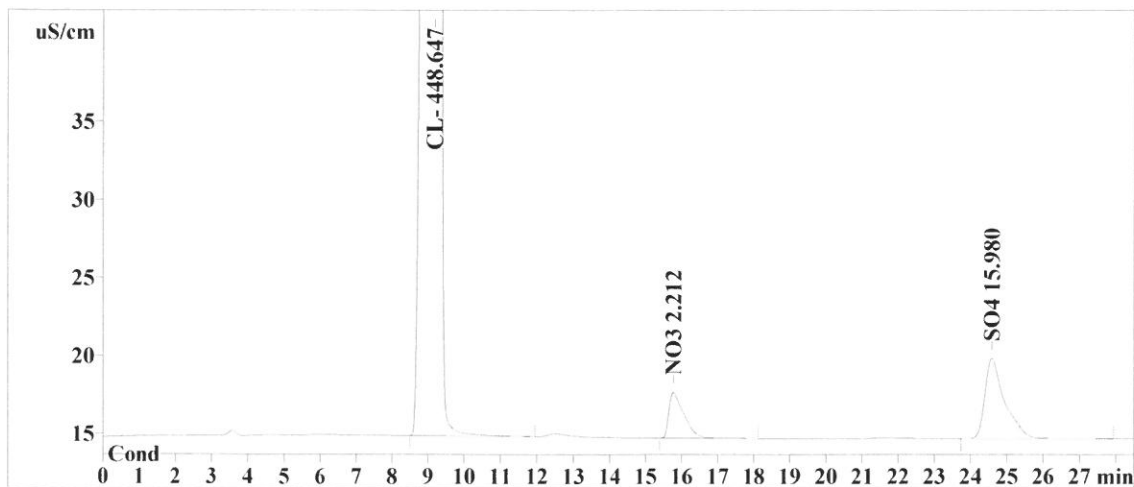
Ident: K4039-02DUP
Analysis from: 7/29/2019 12:25:20 PM
File: _2019-07-29_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68125

Last save: 7/15/2019 3:05:48 PM

SAMPLE:
: AK/AP
Vial number: 51
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	9.16	0.347	324.26	97.49	6999.658	96.17	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	15.77	0.453	2.92	0.88	84.389	1.16	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.59	0.521	5.13	1.54	194.077	2.67	0.
7	28.50	0.189	332.30	99.91	7278.124	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/30/2019 8:38:44 AM
Printed by: wet

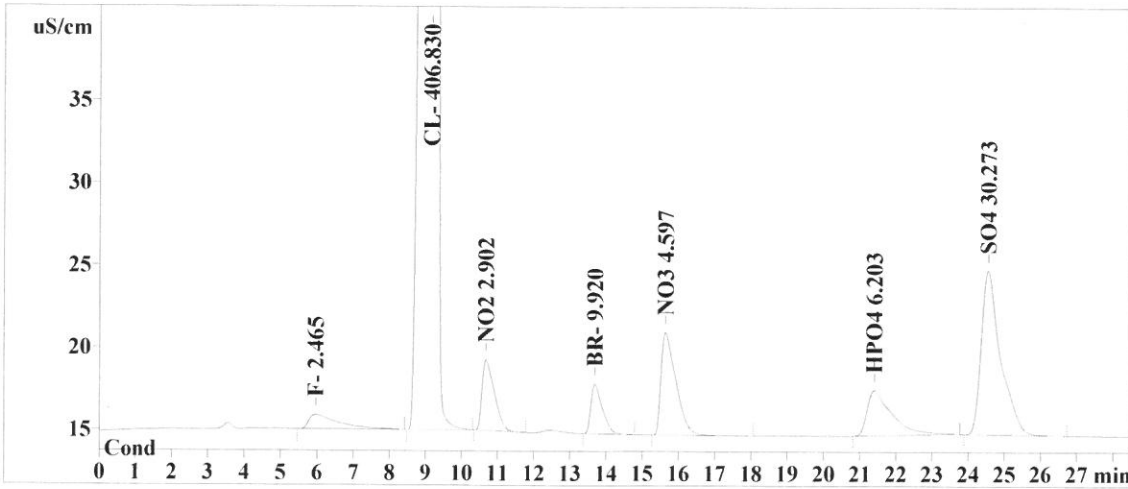
Ident: K4039-02MS
Analysis from: 7/29/2019 12:56:44 PM
File: _2019-07-29_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68126

Last save: 7/15/2019 3:05:48 PM

SAMPLE:
: AK/AP
Vial number: 52
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	0.794	0.87	0.26	49.815	0.69	0.
2	9.13	0.331	307.23	91.85	6347.169	87.61	0.
3	10.67	0.376	4.29	1.28	101.685	1.40	0.
4	13.68	0.340	3.02	0.90	66.868	0.92	0.
5	15.64	0.445	6.22	1.86	176.789	2.44	0.
6	21.39	0.704	2.75	0.82	133.189	1.84	0.
7	24.54	0.522	9.94	2.97	369.403	5.10	0.
7	28.50	0.502	334.31	99.95	7244.918	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/30/2019 8:38:51 AM
 Printed by: wet

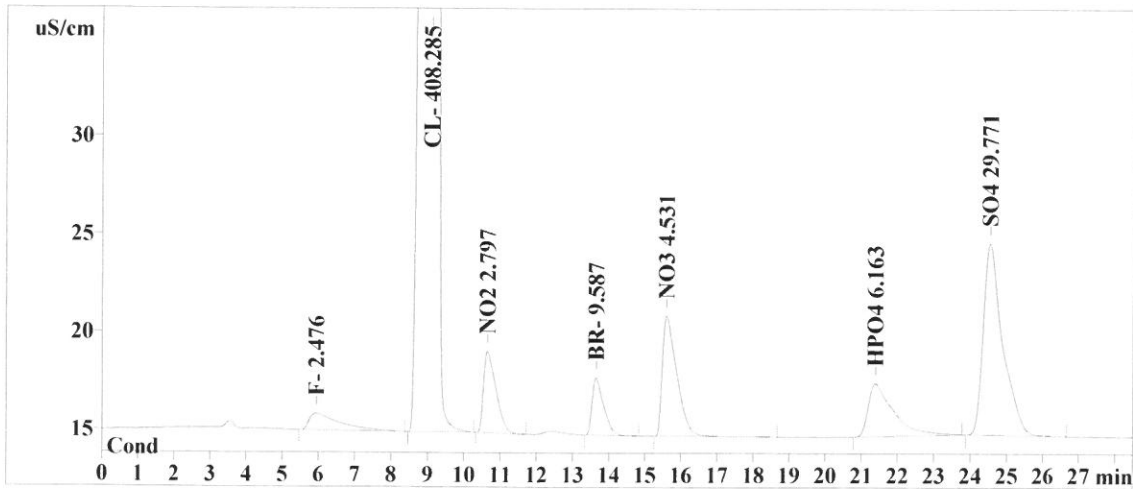
Ident: K4039-02MSD
 Analysis from: 7/29/2019 1:28:09 PM
 File: _2019-07-29_

Last save: 7/30/2019 8:34:44 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68127

Last save: 7/15/2019 3:05:48 PM

SAMPLE:
 : AK/AP
 Vial number: 53
 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	0.831	0.85	0.25	50.049	0.69	0.
2	9.09	0.332	308.03	92.01	6369.876	87.83	0.
3	10.64	0.373	4.15	1.24	97.909	1.35	0.
4	13.64	0.340	2.92	0.87	64.562	0.89	0.
5	15.59	0.444	6.14	1.83	174.209	2.40	0.
6	21.38	0.709	2.71	0.81	132.379	1.83	0.
7	24.53	0.526	9.77	2.92	363.245	5.01	0.
7	28.50	0.508	334.57	99.94	7252.229	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/30/2019 8:39:03 AM
 Printed by: wet

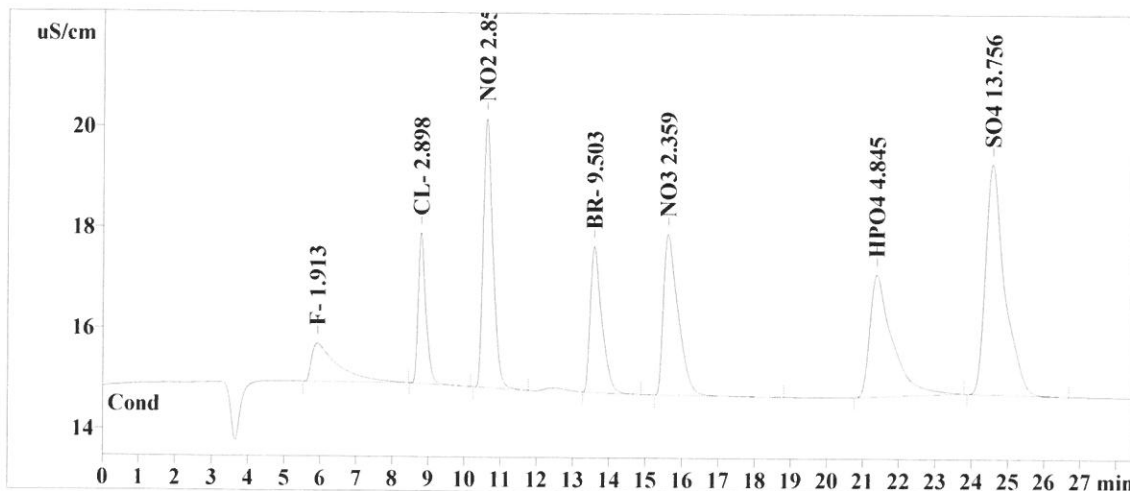
Ident: CCV
 Analysis from: 7/29/2019 2:01:45 PM
 File: _2019-07-29_

Last save: 7/30/2019 8:34:46 AM

Method: ANIONS 07-15-19.mtw
 Run operator: wet
 Analysis number: 68128

Last save: 7/15/2019 3:05:48 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	5.91	0.676	0.76	3.42	38.069	6.25	0.
2	8.78	0.219	2.99	13.49	44.424	7.29	0.
3	10.58	0.286	5.33	24.06	99.814	16.38	0.
4	13.57	0.331	2.89	13.06	63.979	10.50	0.
5	15.59	0.435	3.18	14.38	90.063	14.78	0.
6	21.36	0.609	2.43	10.96	106.085	17.41	0.
7	24.54	0.510	4.57	20.62	166.795	27.38	0.
7	28.50	0.438	22.14	99.99	609.229	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/30/2019 8:39:11 AM
Printed by: wet

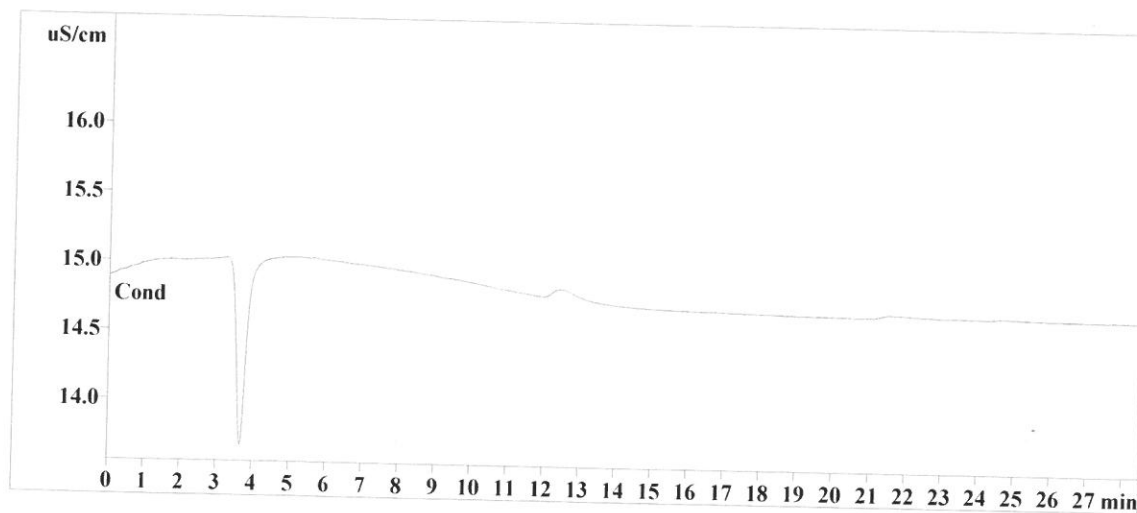
Ident: CCB
Analysis from: 7/29/2019 2:33:10 PM
File: _2019-07-29_

Last save: 7/30/2019 8:34:46 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 68129

Last save: 7/15/2019 3:05:48 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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