

IC-4 300.0
07-19-19 AK

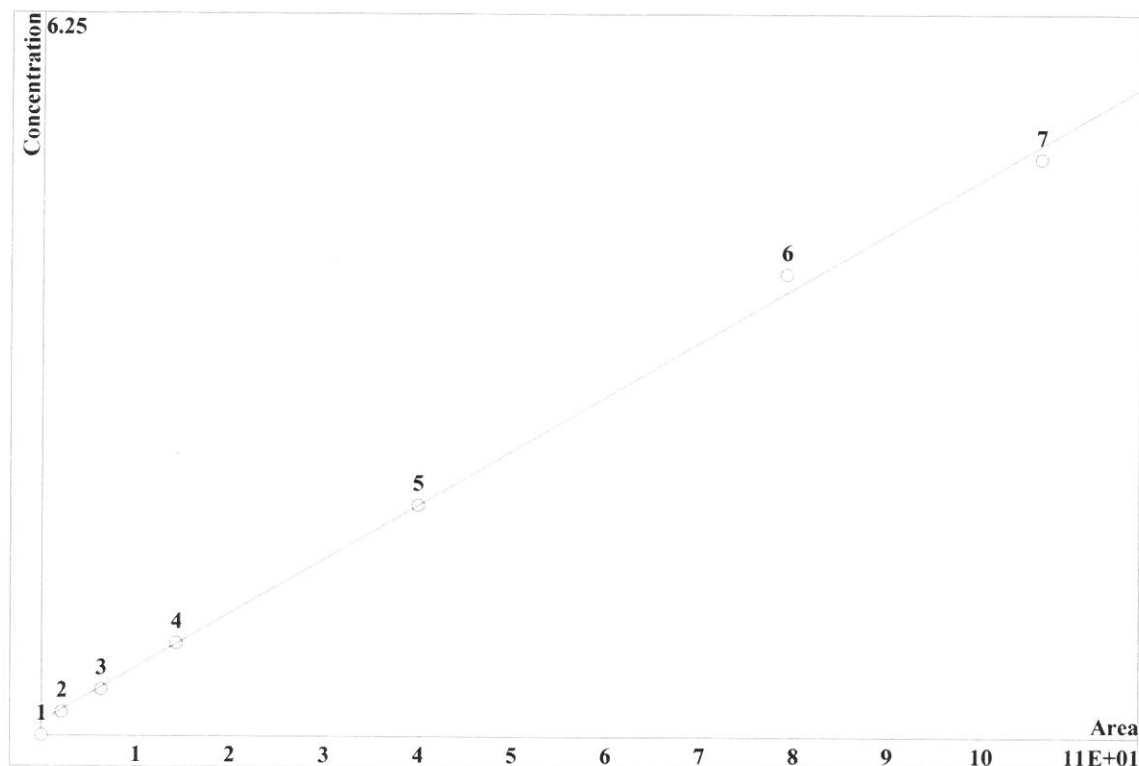
Clear table

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	2.0610	3.0690	3.0550	10.1050	2.4920	5.3640	14.7450	2019-07-19_	7/19/19 8:47		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19_	7/19/19 9:19		AK/AP
LB104078BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19_	7/19/19 9:50		AK/AP
LB104078BSW	1.9920	2.9490	2.9320	9.8110	2.4300	5.4740	14.6440	2019-07-19_	7/19/19 10:22		AK/AP
K3908-01	0.5450	145.9290	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19_	7/19/19 10:56		AK/AP
K3908-01DUP	0.5270	146.2200	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19_	7/19/19 11:27		AK/AP
K3908-01MS	2.6810	138.3300	1.4590	9.9320	2.4610	3.7110	15.5530	2019-07-19_	7/19/19 11:59		AK/AP
K3908-01MSD	2.7150	135.2650	1.5230	10.2550	2.5910	4.0860	16.0090	2019-07-19_	7/19/19 12:30		AK/AP
K3908-01DLX20	0.0000	5.4710	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19_	7/19/19 13:02		AK/AP
CCV	2.0070	3.0010	3.0200	10.0280	2.4720	5.9830	14.5720	2019-07-19_	7/19/19 14:05		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-07-19_	7/19/19 14:38		AK/AP

CALIBRATION OF COMPONENT F-

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

IC-1 col
 07-15-19 AR



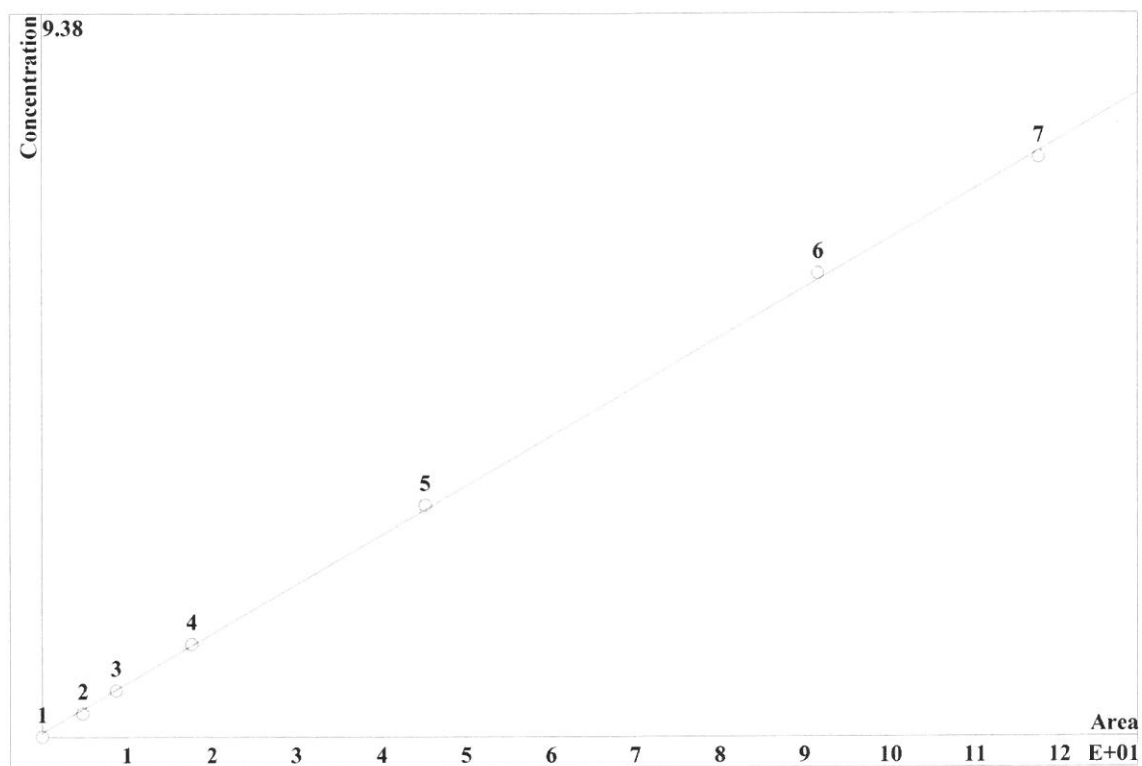
K3 = 0 K2 = 0 K1 = 0.940749 K0 = 2.44468

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



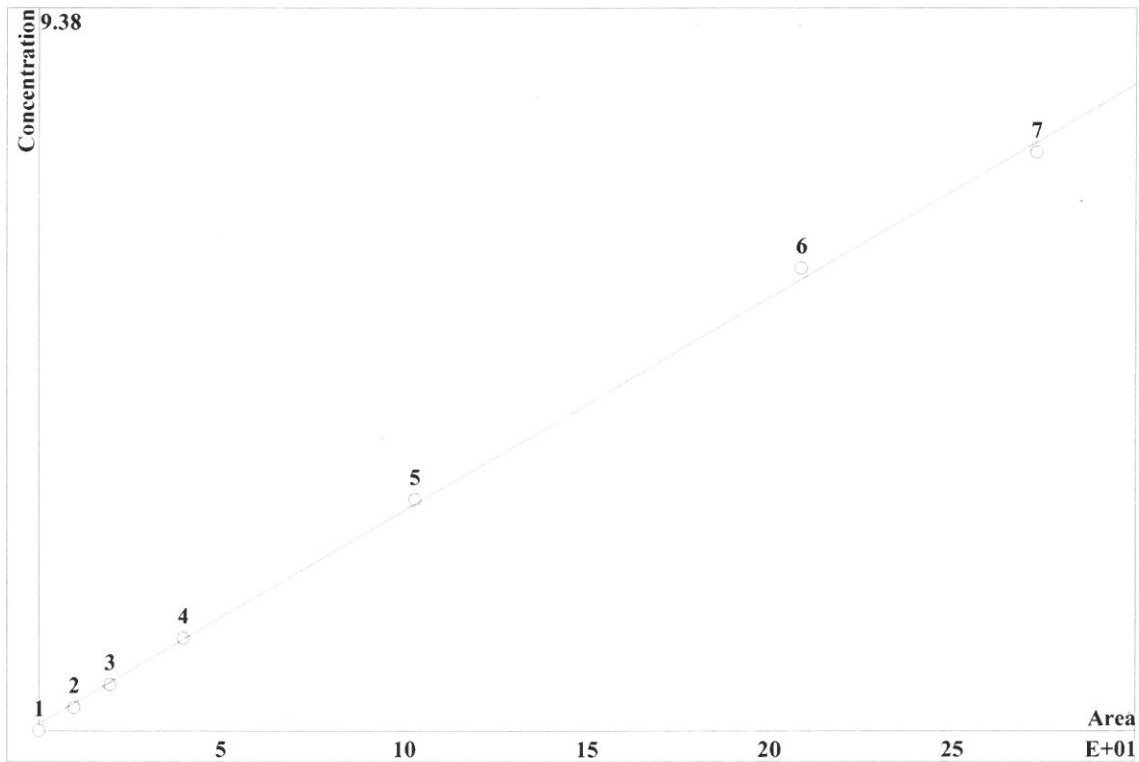
K3 = 0 K2 = 0 K1 = 1.28176 K0 = 1.02714

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		No
2	0.364	4.77	0.3	20	9.288		Yes
3	0.7231	8.748	0.6	20	9.288		Yes
4	1.463	17.7	1.2	20	9.288		Yes
5	3.814	45.1	3	20	9.288		Yes
6	8.095	91.57	6	20	9.288		Yes
7	10.56	117.5	7.5	20	9.288		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

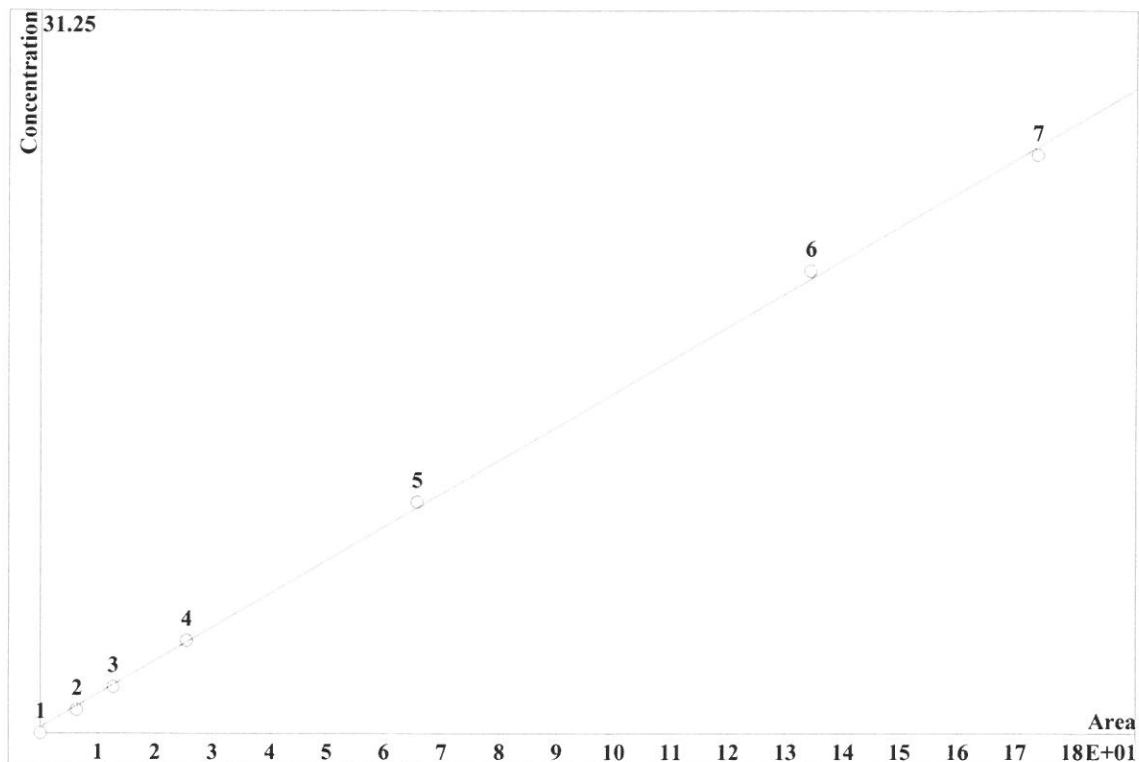


K3 = 0 K2 = 0 K1 = 0.552629 K0 = 1.83677
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



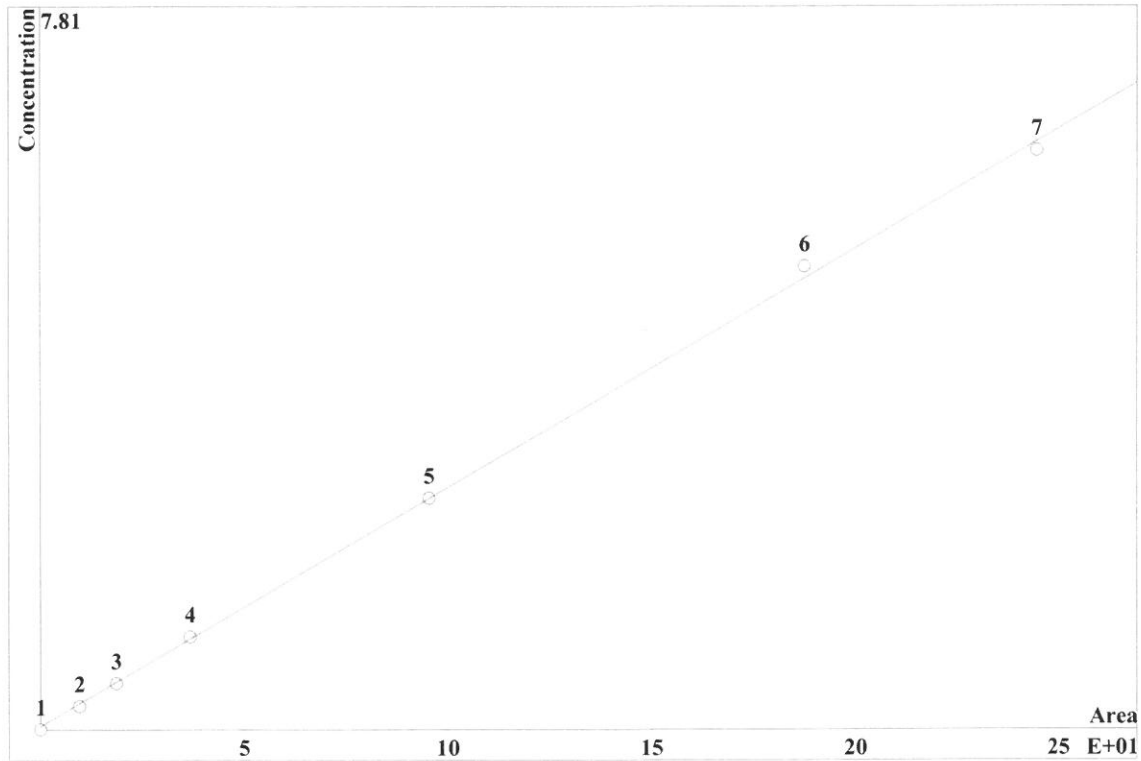
K3 = 0 K2 = 0 K1 = 2.88802 K0 = 5.29175

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		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

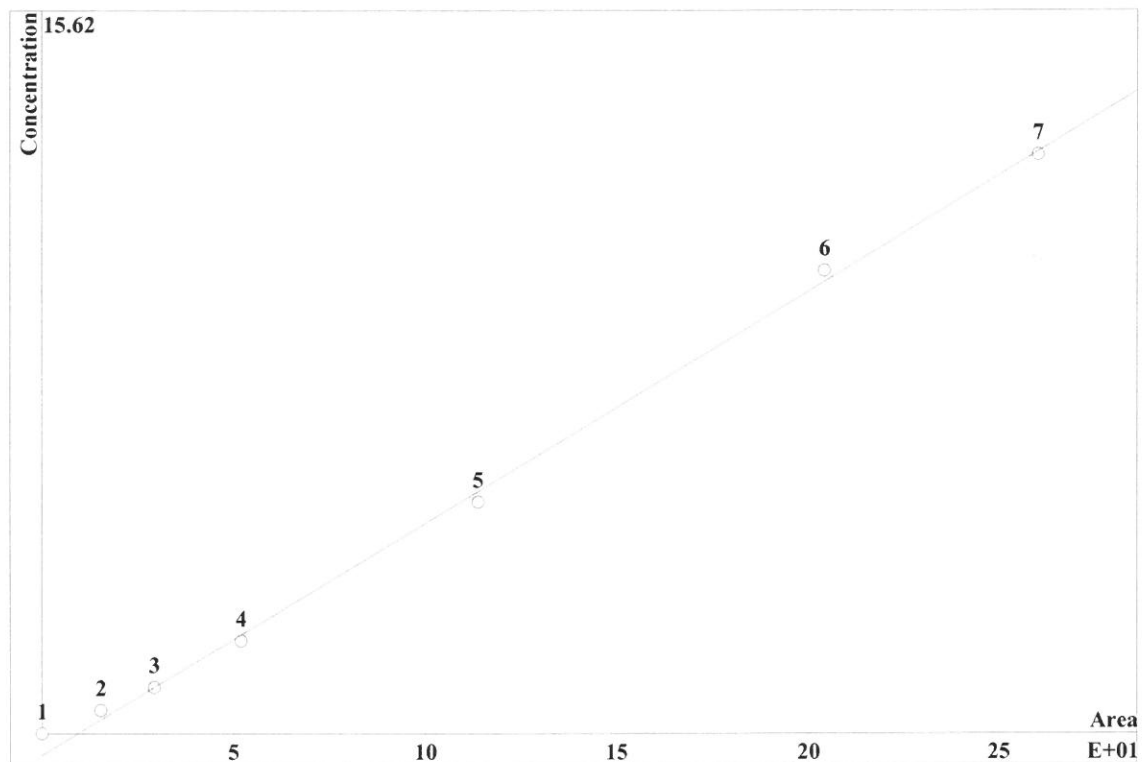


K3 = 0 K2 = 0 K1 = 0.516182 K0 = 0.686505
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



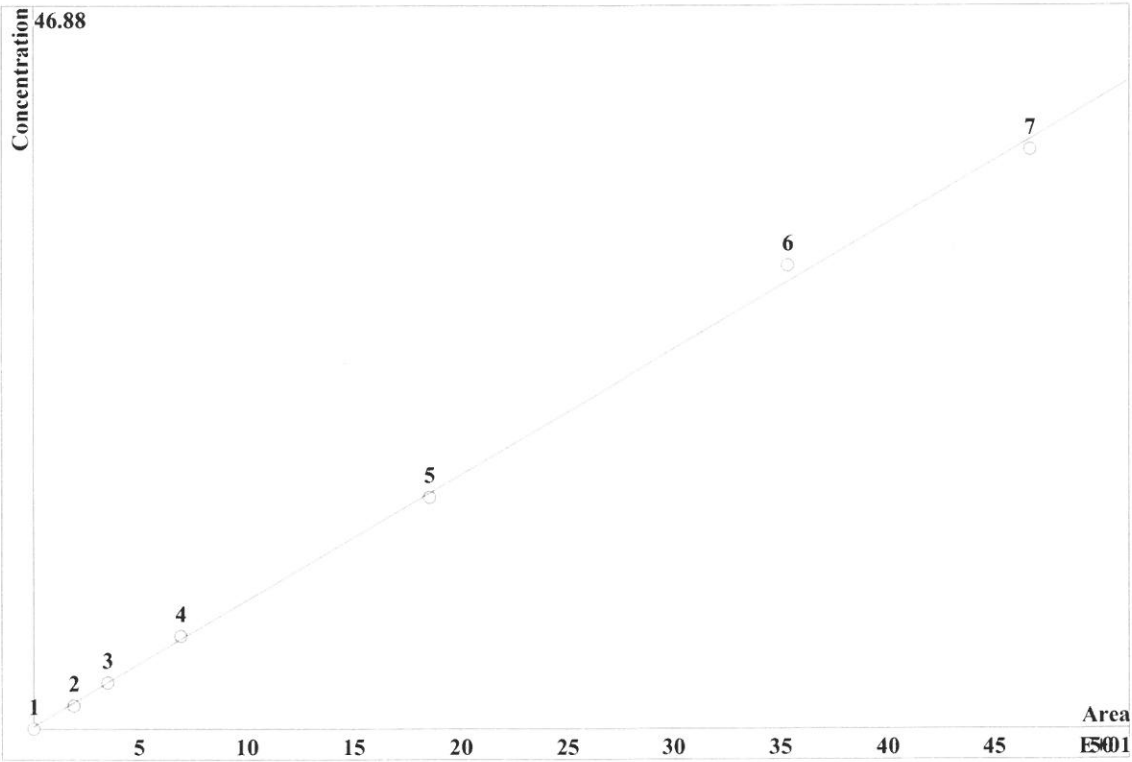
K3 = 0 K2 = 0 K1 = 1.00249 K0 = -9.45354

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·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

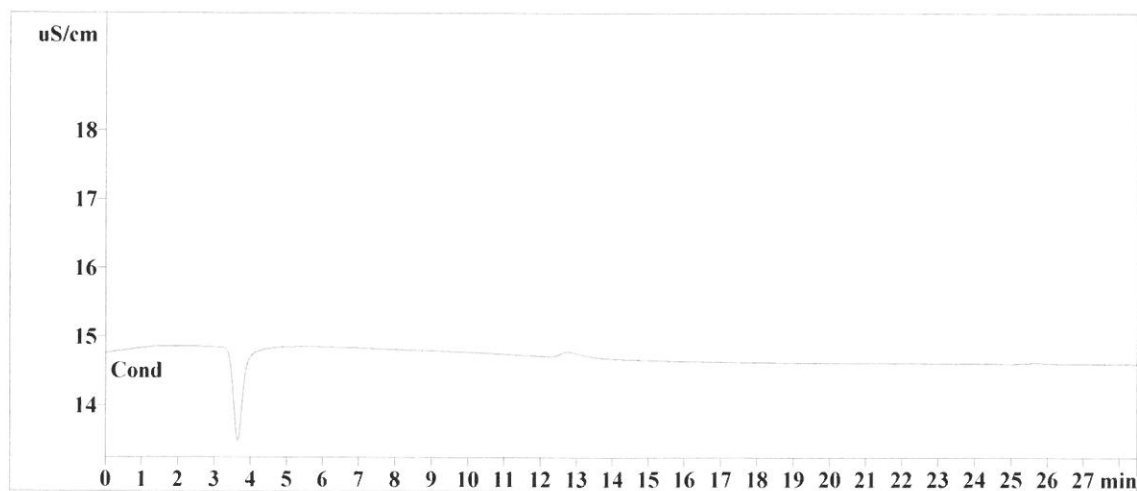
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Analysis from: 7/15/2019 9:32:51 AM
File: _2019-07-15_

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

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

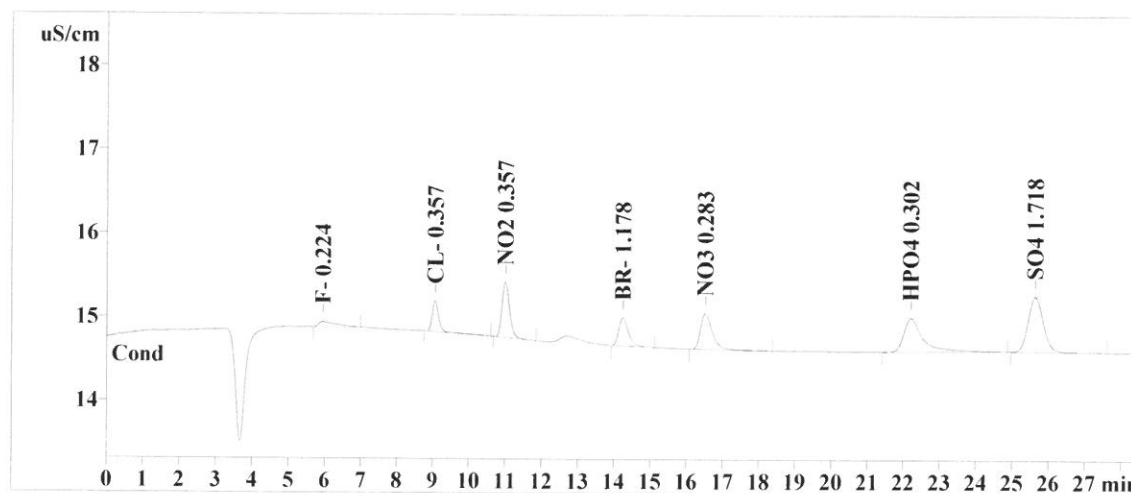
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Last save: 7/15/2019 3:05:30 PM

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
Printed by: wet

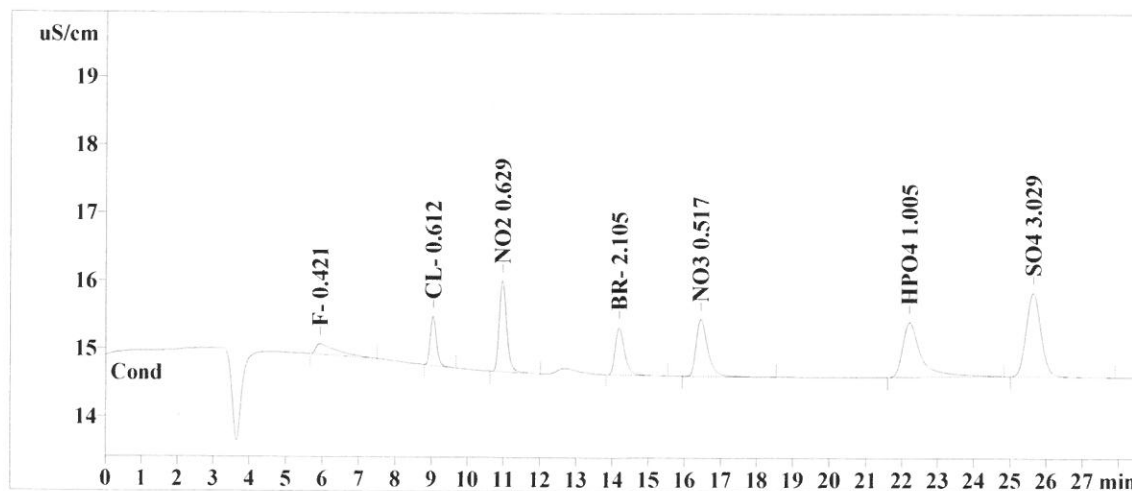
Ident: STD3
Analysis from: 7/15/2019 10:35:41 AM
File: _2019-07-15_

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

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

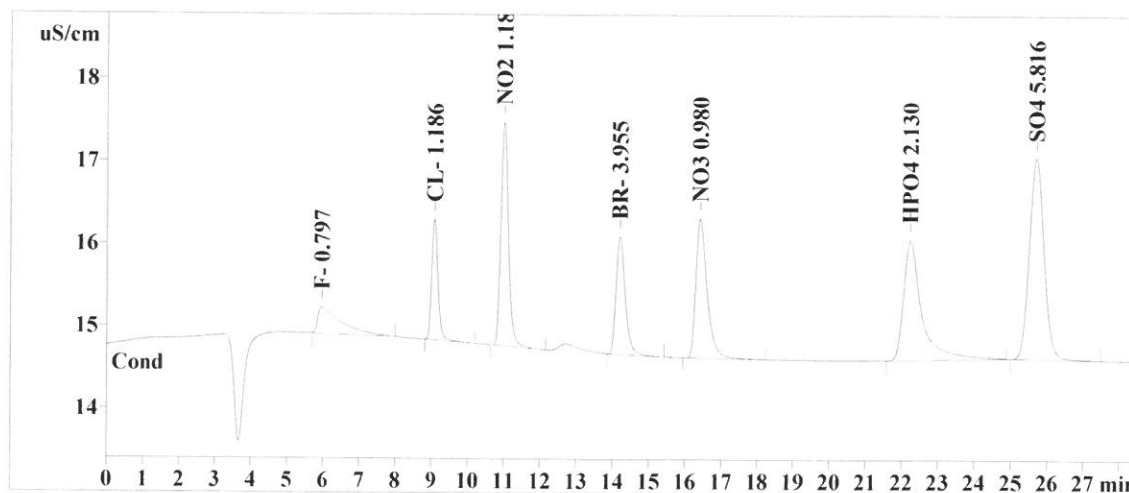
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File: _2019-07-15_

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

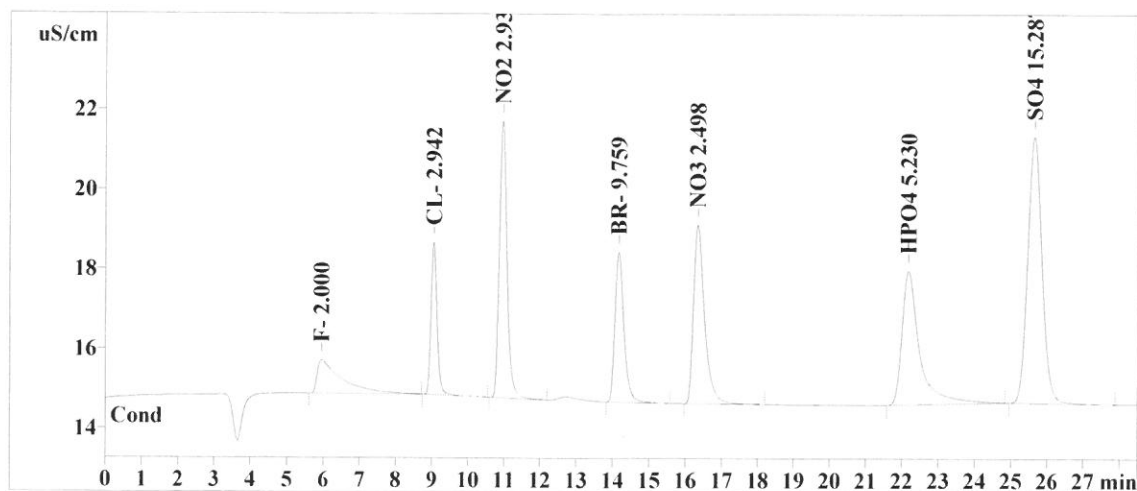
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File: _2019-07-15_

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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

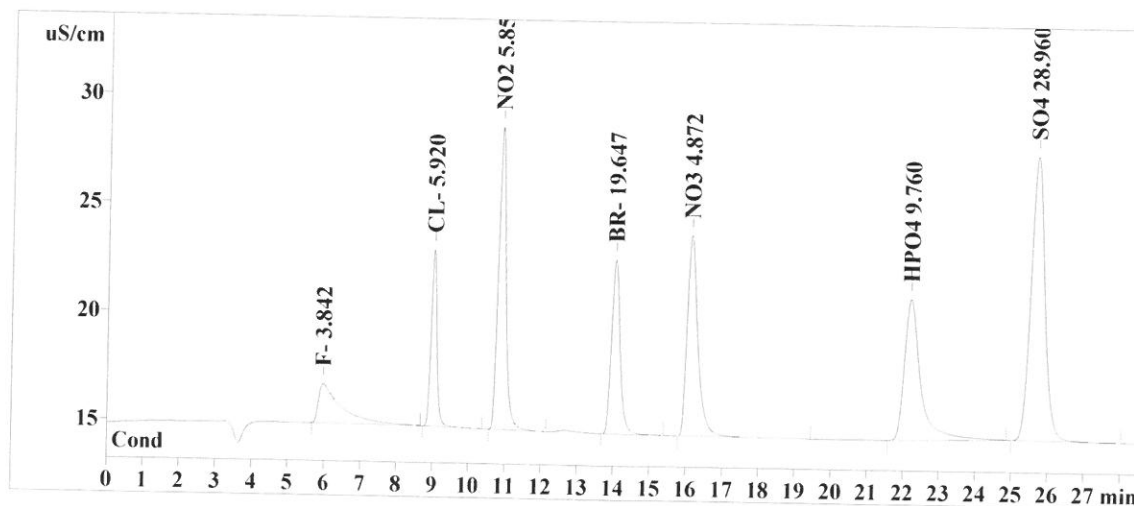
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Analysis from: 7/15/2019 1:54:35 PM
File: _2019-07-15_

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

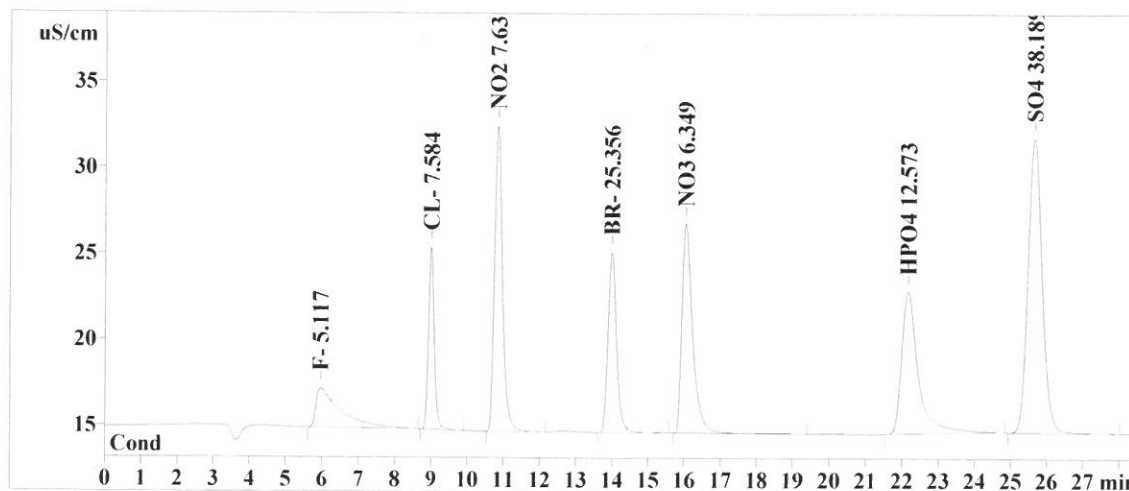
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Analysis from: 7/15/2019 2:26:00 PM
File: _2019-07-15_

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.

This report has been created by IC Net
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Report date: 7/16/2019 9:51:31 AM
 Printed by: wet

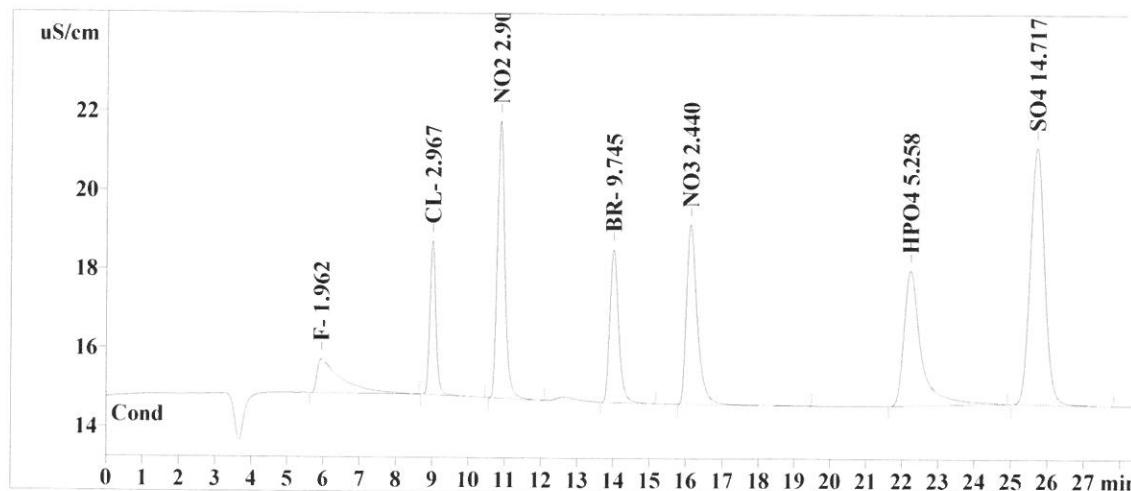
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Last save: 7/15/2019 3:25:44 PM

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

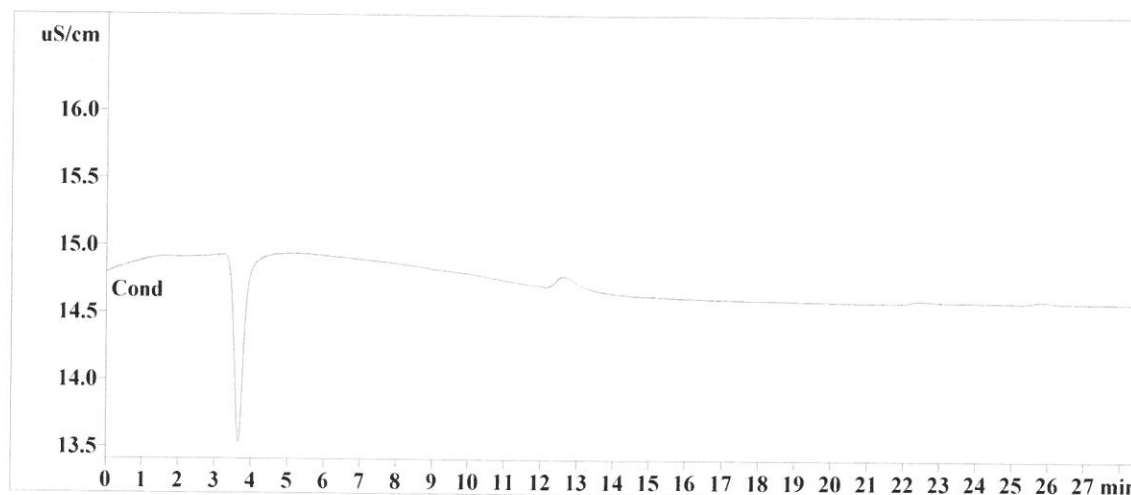
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File: _2019-07-15_

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: 7/19/2019 4:18:32 PM
Printed by: wet

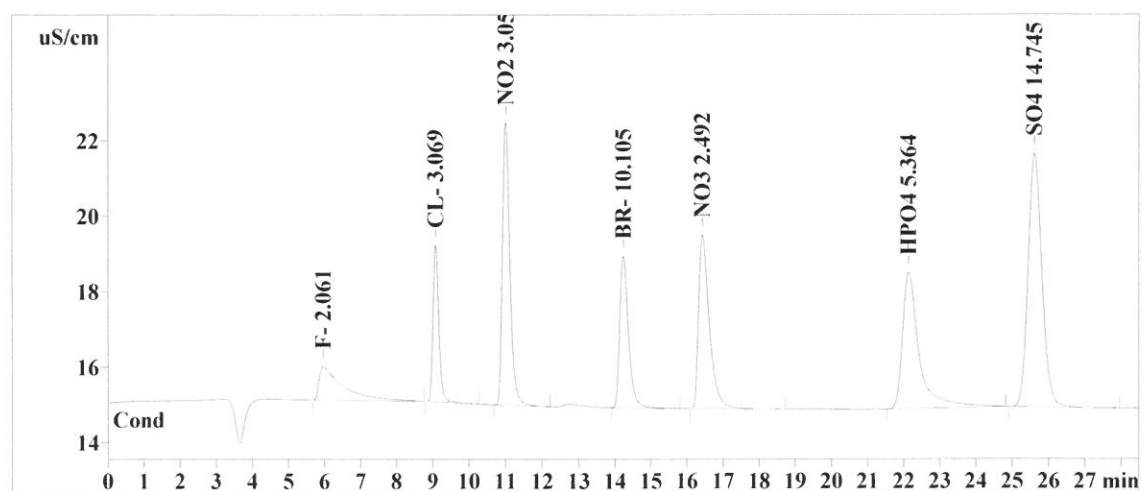
Ident: CCV
Analysis from: 7/19/2019 8:47:31 AM
File: _2019-07-19_

Last save: 7/19/2019 9:15:50 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67929

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	5.96	0.581	0.89	2.84	41.214	6.30	0.
2	9.08	0.169	4.15	13.18	47.084	7.20	0.
3	11.00	0.214	7.49	23.79	107.230	16.39	0.
4	14.23	0.251	4.01	12.75	68.145	10.42	0.
5	16.43	0.302	4.60	14.61	95.240	14.56	0.
6	22.14	0.422	3.61	11.47	116.433	17.80	0.
7	25.62	0.405	6.73	21.36	178.933	27.35	0.
7	28.50	0.335	31.48	99.99	654.280	100.00	0.

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Report date: 7/19/2019 4:18:40 PM
Printed by: wet

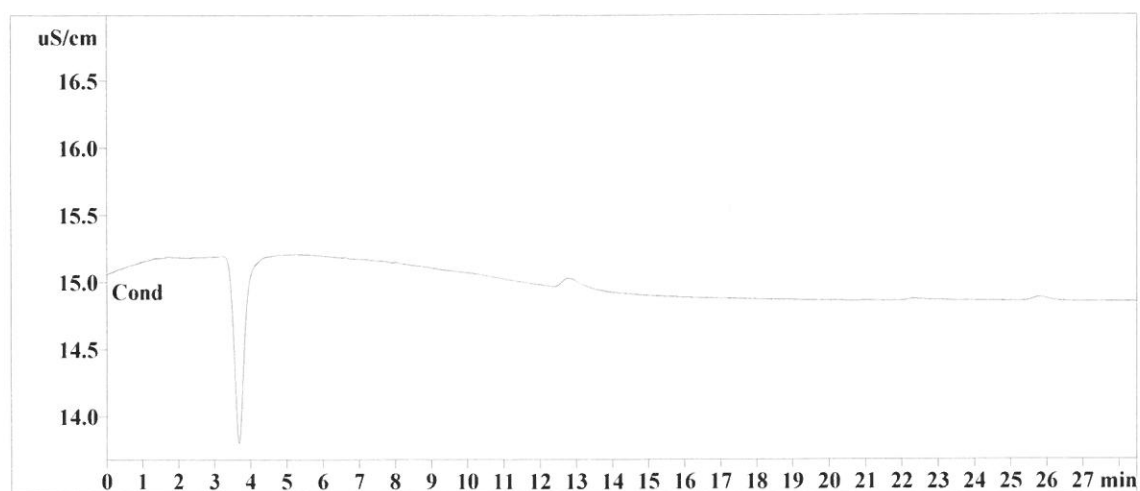
Ident: CCB
Analysis from: 7/19/2019 9:19:31 AM
File: _2019-07-19_

Last save: 7/19/2019 9:47:50 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67930

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: 7/19/2019 4:18:56 PM
Printed by: wet

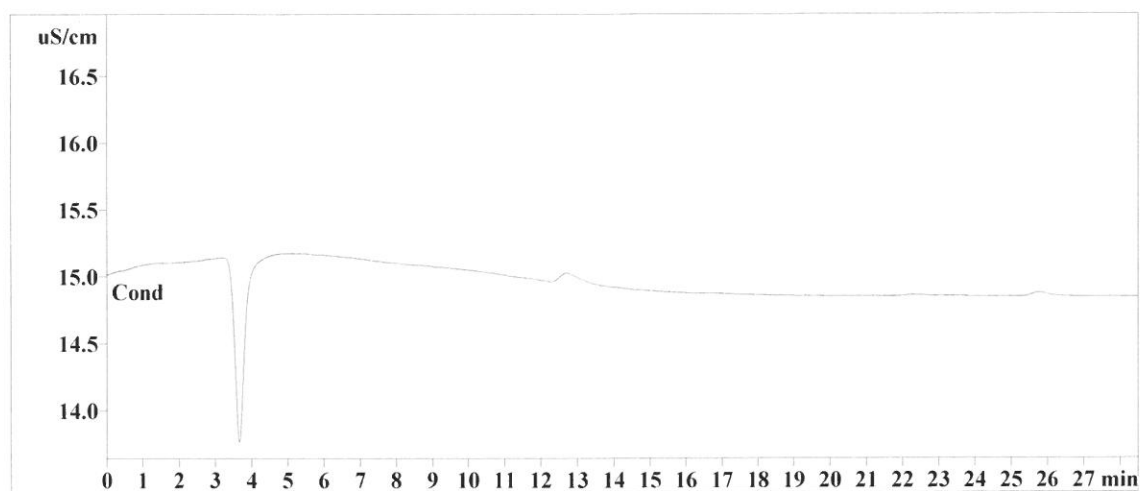
Ident: LB104078BLW
Analysis from: 7/19/2019 9:50:56 AM
File: _2019-07-19_

Last save: 7/19/2019 12:33:00 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67931

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: 7/19/2019 4:19:05 PM
Printed by: wet

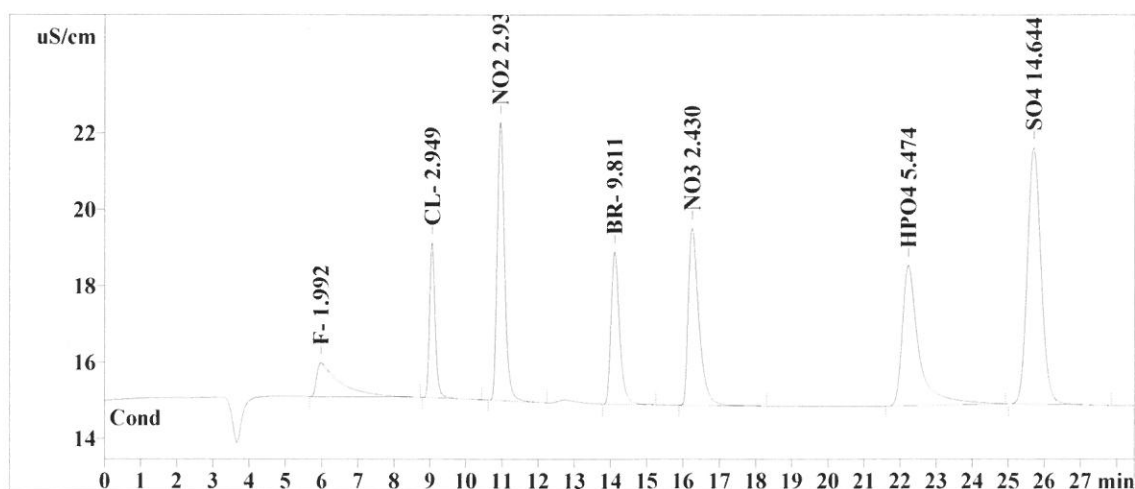
Ident: LB104078BSW
Analysis from: 7/19/2019 10:22:20 AM
File: _2019-07-19_

Last save: 7/19/2019 10:50:38 AM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67932

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	5.98	0.579	0.88	2.83	39.760	6.18	0.
2	9.06	0.166	4.05	12.98	45.221	7.03	0.
3	10.94	0.210	7.27	23.32	102.802	15.99	0.
4	14.10	0.248	3.97	12.74	66.112	10.28	0.
5	16.25	0.293	4.64	14.87	92.834	14.44	0.
6	22.22	0.418	3.67	11.76	118.634	18.45	0.
7	25.70	0.404	6.70	21.48	177.691	27.63	0.
7	28.50	0.331	31.18	99.99	643.054	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:19:46 PM
Printed by: wet

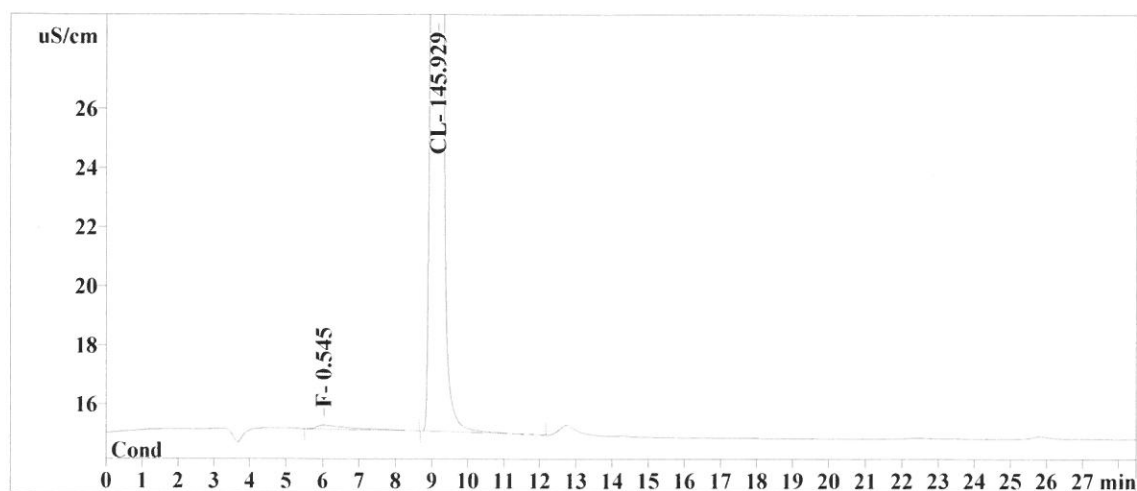
Ident: K3908-01
Analysis from: 7/19/2019 10:56:34 AM
File: _2019-07-19_

Last save: 7/19/2019 4:19:44 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67933

Last save: 7/15/2019 3:05:48 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	6.03	0.873	0.14	0.08	8.984	0.39	0.
2	9.15	0.207	169.83	99.92	2276.206	99.61	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.50	0.154	169.97	100.00	2285.191	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:20:36 PM
Printed by: wet

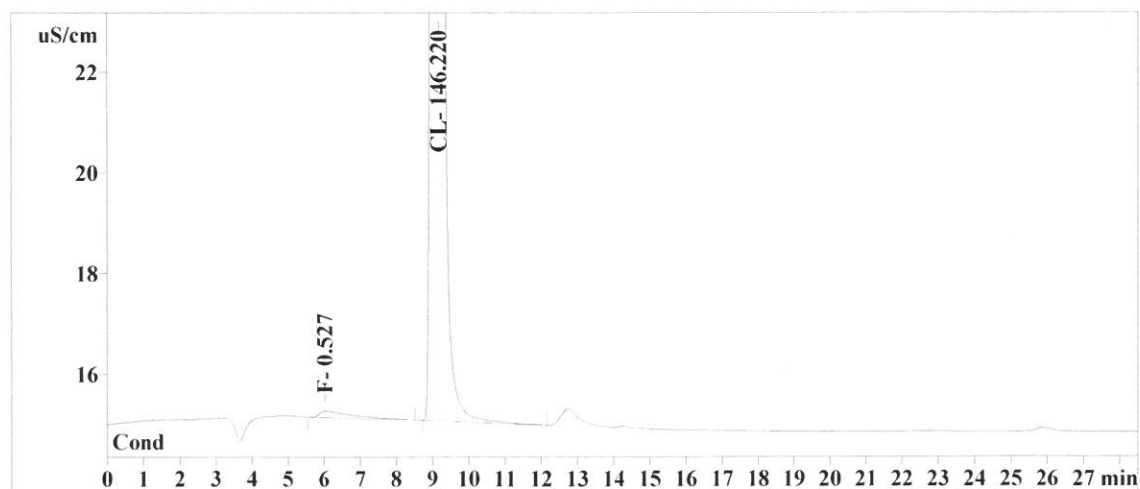
Ident: K3908-01DUP
Analysis from: 7/19/2019 11:27:59 AM
File: _2019-07-19_

Last save: 7/19/2019 4:20:34 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67934

Last save: 7/15/2019 3:05:48 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	6.04	0.916	0.13	0.08	8.616	0.38	0.
2	9.17	0.207	170.05	99.92	2280.742	99.62	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.50	0.160	170.18	100.00	2289.357	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:21:26 PM
Printed by: wet

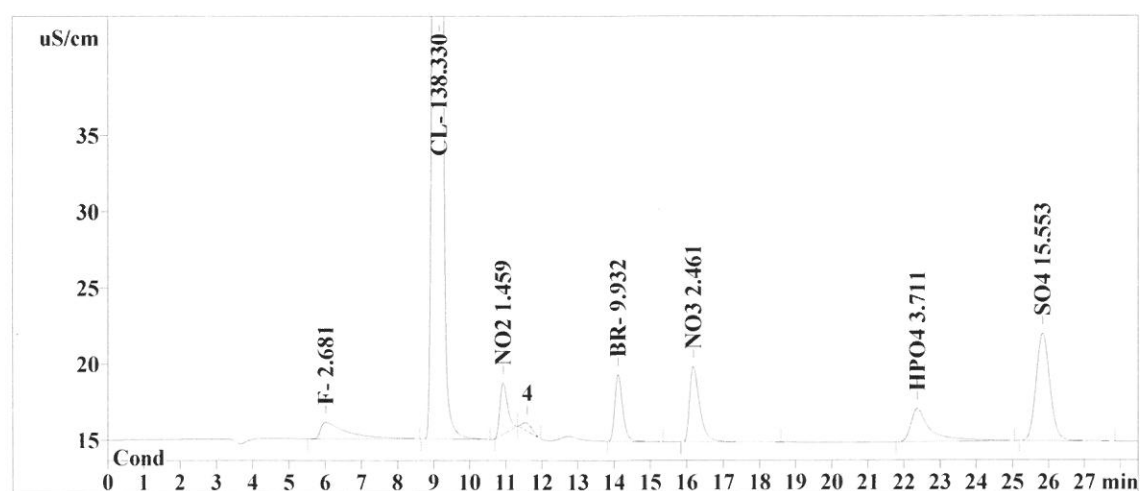
Ident: K3908-01MS
Analysis from: 7/19/2019 11:59:23 AM
File: _2019-07-19_

Last save: 7/19/2019 4:21:22 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67935

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	6.02	0.661	1.09	0.58	54.406	2.01	0.
2	9.15	0.203	164.73	87.47	2157.630	79.76	0.
3	10.92	0.223	3.39	1.80	49.478	1.83	0.
4	14.11	0.229	4.38	2.32	66.948	2.47	0.
5	16.18	0.280	4.94	2.62	94.032	3.48	0.
6	22.37	0.466	2.18	1.16	83.470	3.09	0.
7	25.83	0.407	7.07	3.75	188.833	6.98	0.
7	28.50	0.353	187.78	99.71	2694.796	99.62	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:21:43 PM
Printed by: wet

Ident: K3908-01MSD
Analysis from: 7/19/2019 12:30:48 PM
File: _2019-07-19_

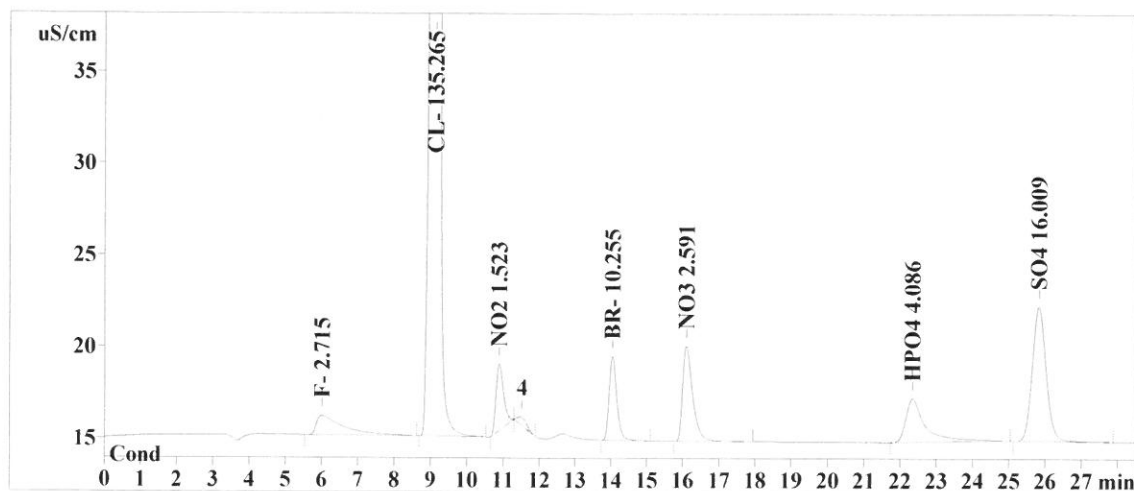
Last save: 7/19/2019 4:21:44 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67936

Last save: 7/15/2019 3:05:48 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	6.01	0.698	1.06	0.56	55.129	2.06	0.
2	9.12	0.198	164.48	87.02	2109.806	78.76	0.
3	10.88	0.220	3.60	1.91	51.810	1.93	0.
4	14.04	0.227	4.56	2.41	69.188	2.58	0.
5	16.10	0.281	5.16	2.73	99.042	3.70	0.
6	22.34	0.465	2.37	1.25	90.954	3.40	0.
7	25.82	0.405	7.32	3.87	194.428	7.26	0.
7	28.50	0.356	188.55	99.75	2670.356	99.69	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:22:21 PM
Printed by: wet

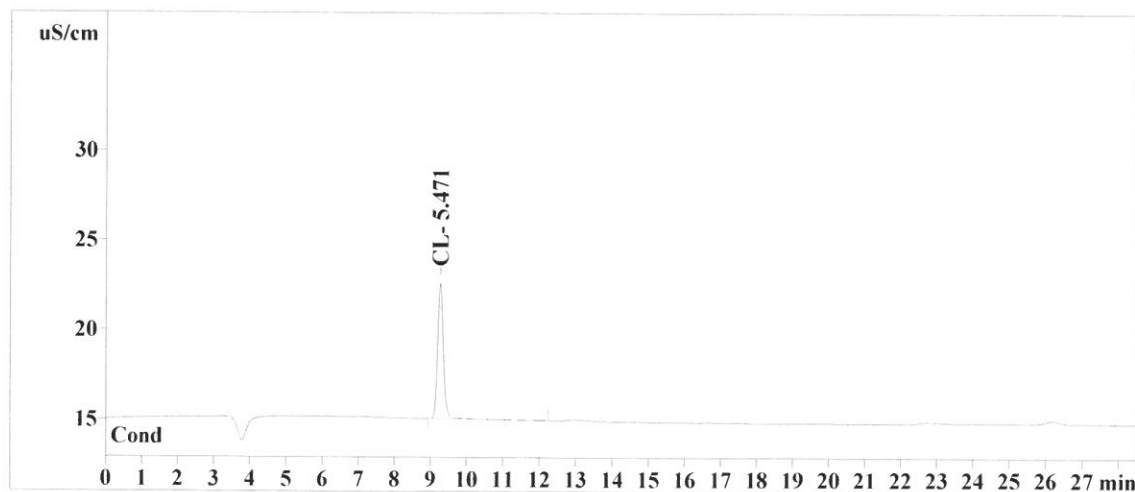
Ident: K3908-01DLX20
Analysis from: 7/19/2019 1:02:12 PM
File: _2019-07-19_

Last save: 7/19/2019 4:22:22 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67937

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

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.26	0.164	7.53	100.01	84.559	100.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	28.50	0.023	7.53	100.01	84.559	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:22:31 PM
Printed by: wet

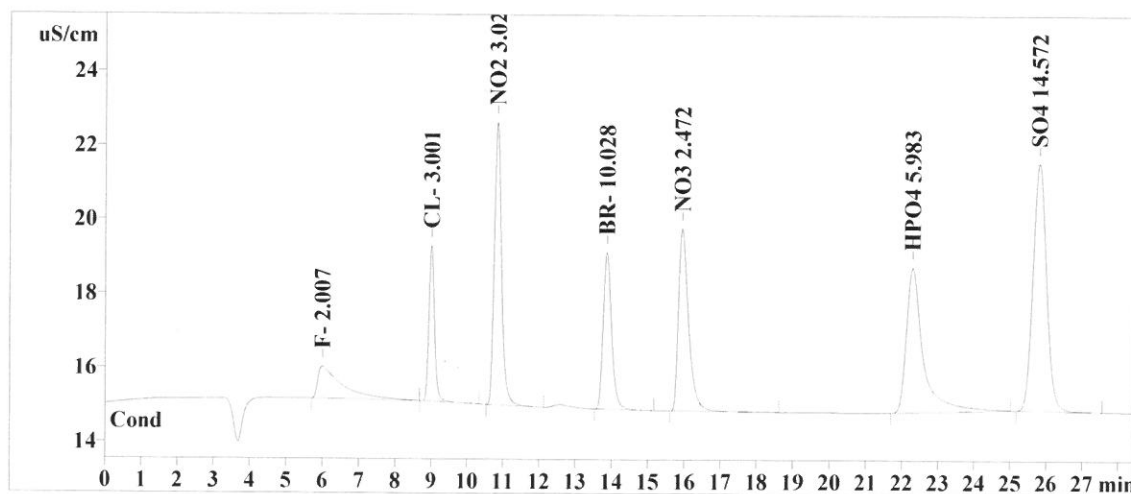
Ident: CCV
Analysis from: 7/19/2019 2:05:01 PM
File: _2019-07-19_

Last save: 7/19/2019 2:33:20 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67939

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	6.00	0.599	0.87	2.68	40.066	6.07	0.
2	8.99	0.163	4.20	12.95	46.028	6.98	0.
3	10.82	0.207	7.62	23.52	105.983	16.06	0.
4	13.86	0.238	4.23	13.06	67.614	10.25	0.
5	15.93	0.282	4.91	15.17	94.453	14.32	0.
6	22.28	0.421	3.90	12.03	128.803	19.52	0.
7	25.79	0.405	6.67	20.58	176.800	26.80	0.
7	28.50	0.331	32.39	99.99	659.746	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/19/2019 4:22:48 PM
Printed by: wet

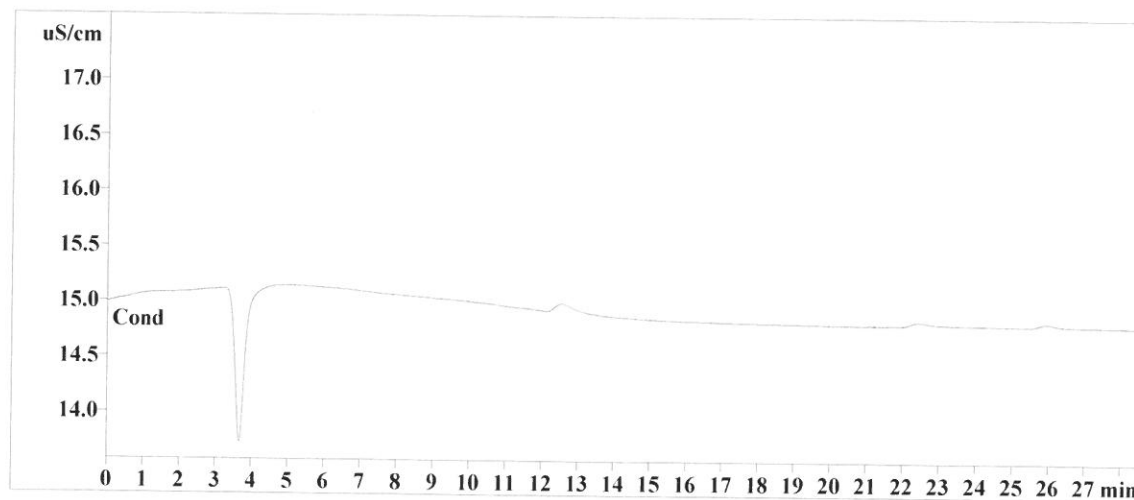
Ident: CCB
Analysis from: 7/19/2019 2:38:40 PM
File: _2019-07-19_

Last save: 7/19/2019 4:22:48 PM

Method: ANIONS 07-15-19.mtw
Run operator: wet
Analysis number: 67940

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