

IC-1 300.0
01-31-20 AD

Clear table

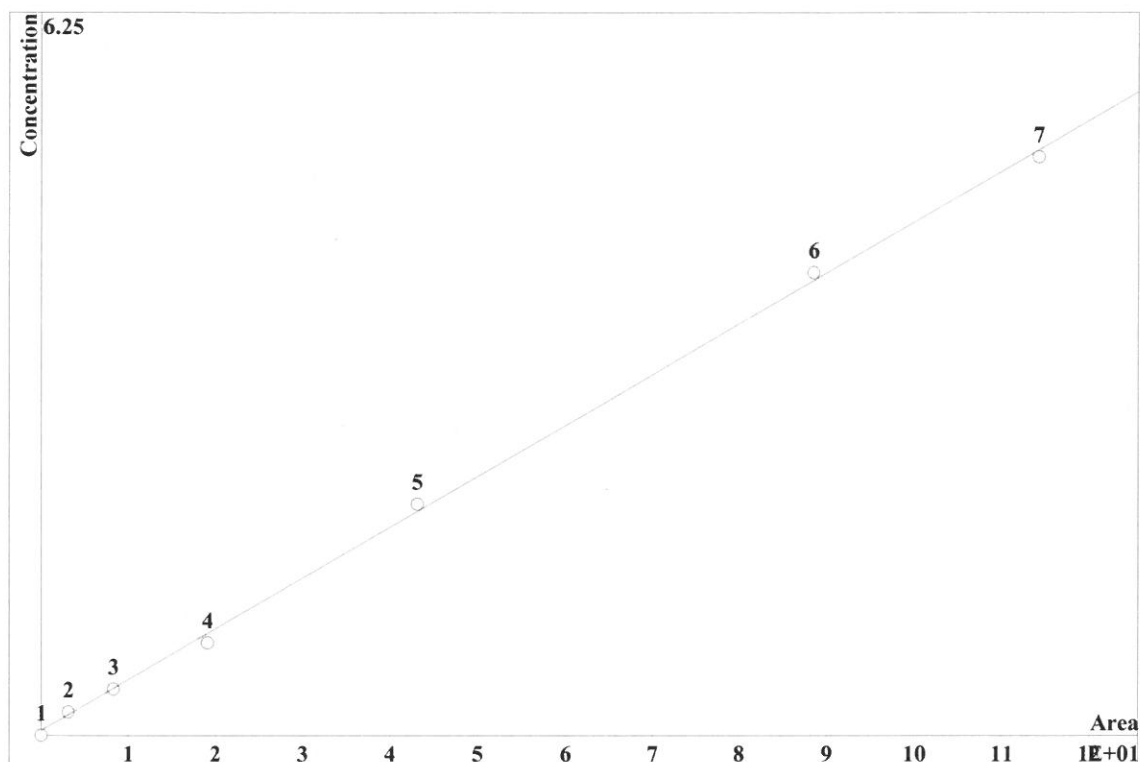
ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-28	1/28/20 9:34		AK/AP
STD2	0.2670	0.4010	0.3860	1.3090	0.3410	0.3390	1.9760	2020-01-28	1/28/20 10:05		AK/AP
STD3	0.4650	0.6380	0.6420	2.1400	0.5450	0.8910	3.1360	2020-01-28	1/28/20 10:36		AK/AP
STD4	0.8720	1.1730	1.1710	3.9670	0.9970	2.0020	5.7610	2020-01-28	1/28/20 11:07		AK/AP
STD5	1.9180	2.8930	2.9590	9.8060	2.4400	4.7580	13.6710	2020-01-28	1/28/20 11:37		AK/AP
STD6	3.8990	5.8470	6.0020	19.5560	4.9120	9.5460	28.9560	2020-01-28	1/28/20 12:08		AK/AP
STD7	5.0620	7.6520	7.4690	25.2280	6.3170	12.5350	38.0320	2020-01-28	1/28/20 12:39		AK/AP
ICV	1.9450	2.8500	2.8810	9.6870	2.4020	5.0640	14.8010	2020-01-28	1/28/20 13:10		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-28	1/28/20 13:44		AK/AP
CCV	1.9100	2.8580	2.8140	9.3180	2.3210	4.9300	14.1730	2020-01-29	1/29/20 16:26		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-29	1/29/20 17:00		AK/AP
LB107417BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-29	1/29/20 17:31		AK/AP
LB107417BSW	1.9110	2.8340	2.8430	9.3100	2.3200	4.9760	14.1990	2020-01-29	1/29/20 18:02		AK/AP
L1294-07	0.2450	1381.5580	0.0000	3.8970	0.1620	0.0000	92.3080	2020-01-29	1/29/20 18:33		AK/AP
L1291-01	0.4910	75.4670	0.0000	0.0000	0.0000	0.1720	6.8680	2020-01-29	1/29/20 19:04		AK/AP
L1291-01DUP	0.5090	76.3420	0.0000	0.0000	0.0000	0.2140	6.8430	2020-01-29	1/29/20 19:35		AK/AP
L1291-01MS	2.4750	71.4540	3.1170	9.7190	2.3880	6.1570	20.9610	2020-01-29	1/29/20 20:06		AK/AP
L1291-01MSD	2.4740	72.5260	3.0460	9.4870	2.3240	6.0700	20.5900	2020-01-29	1/29/20 20:37		AK/AP
CCV	1.7280	2.8140	2.8410	9.4170	2.3450	5.3880	14.3490	2020-01-29	1/29/20 21:08		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-29	1/29/20 21:39		AK/AP
CCV	1.9480	2.8570	2.8520	9.4250	2.3470	5.2820	14.5210	2020-01-30	1/30/20 9:04		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-30	1/30/20 9:46		AK/AP
LB107417BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-30	1/30/20 10:17		AK/AP
LB107417BSW	1.9270	2.8080	2.8460	9.4640	2.3440	5.3660	14.3050	2020-01-30	1/30/20 10:48		AK/AP
L1294-07DLX20	0.0000	62.4570	0.0000	0.0000	0.0000	0.0000	4.3820	2020-01-30	1/30/20 11:44		AK/AP
L1294-07DLX20i	0.0000	4.8580	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-30	1/30/20 12:15		AK/AP
CCV	2.0160	2.8960	2.8810	9.6830	2.3870	5.2400	14.5820	2020-01-30	1/30/20 12:46		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-30	1/30/20 13:17		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 01-28-20.mtw
 Equation: $Q = 0.879124 \cdot A + 0.861179$
 RSD: 3.408 %
 Correlation coefficient: 0.999509

IC-1 Cal

01-28-20 AK



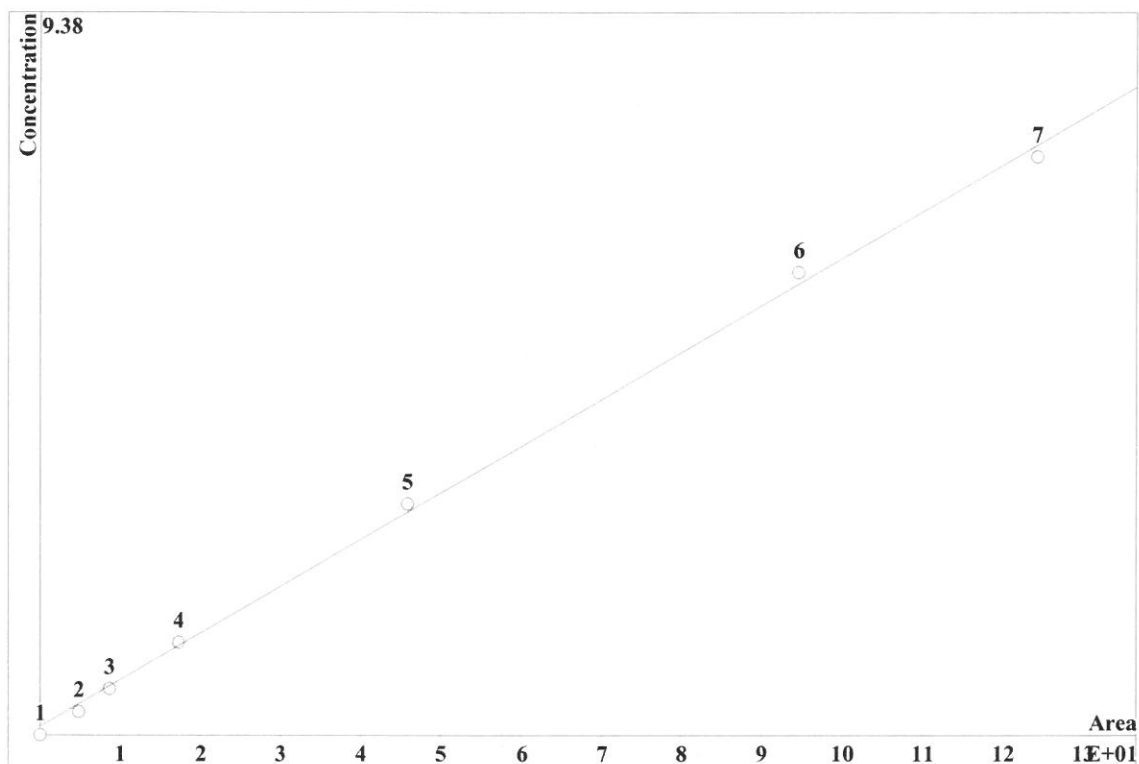
K3 = 0 K2 = 0 K1 = 0.879124 K0 = 0.861179

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	0.1476	3.058	0.2	20	5.773			Yes
3	0.3098	8.3	0.4	20	5.773			Yes
4	0.7569	19.1	0.8	20	5.773			Yes
5	1.898	43.09	2	20	5.773			Yes
6	4.003	88.48	4	20	5.773			Yes
7	5.314	114.2	5	20	5.773			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 01-28-20.mtw
 Equation: $Q = 1.21457 \cdot A + 2.23008$
 RSD: 4.290 %
 Correlation coefficient: 0.999222



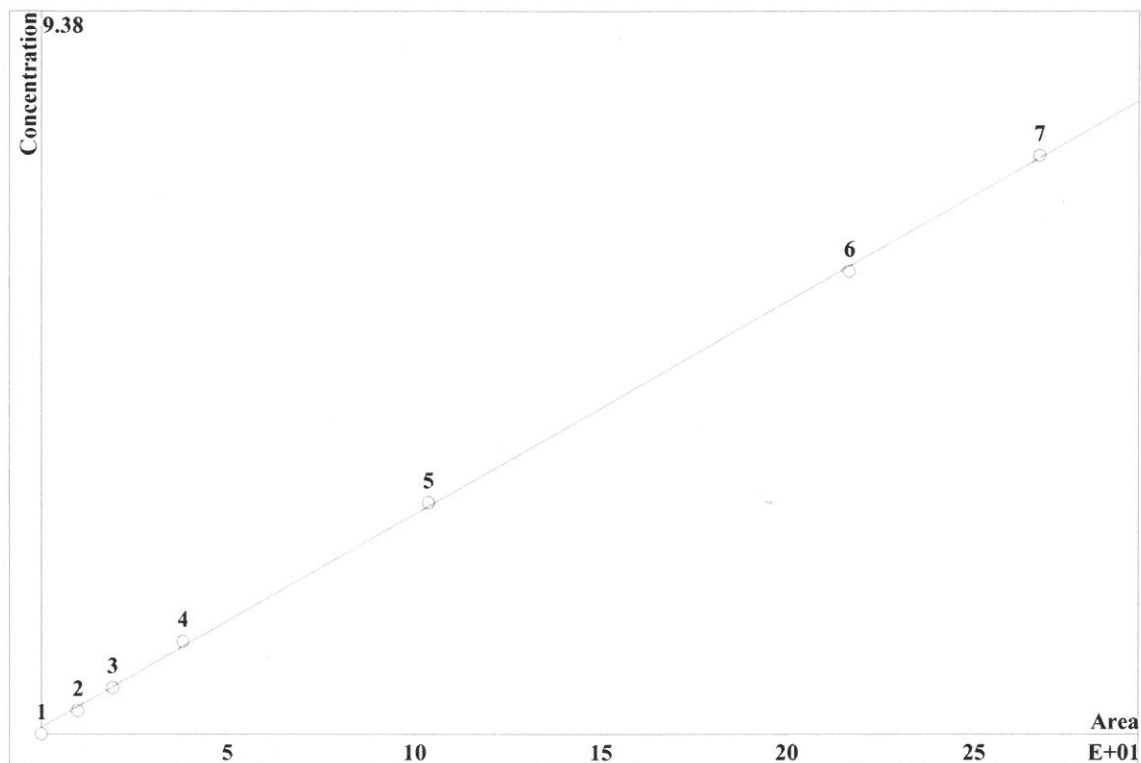
K3 = 0 K2 = 0 K1 = 1.21457 K0 = 2.23008

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	0.421	4.828	0.3	20	9.479		Yes
3	0.802	8.682	0.6	20	9.479		Yes
4	1.642	17.28	1.2	20	9.479		Yes
5	4.367	45.81	3	20	9.479		Yes
6	9.262	94.5	6	20	9.479		Yes
7	11.95	124.2	7.5	20	9.479		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 01-28-20.mtw
 Equation: $Q = 0.551936 \cdot A + 1.77555$
 RSD: 2.008 %
 Correlation coefficient: 0.999830



K3 = 0 K2 = 0 K1 = 0.551936 K0 = 1.77555

Base: Area

Ref.channel: Cond

ISTD:

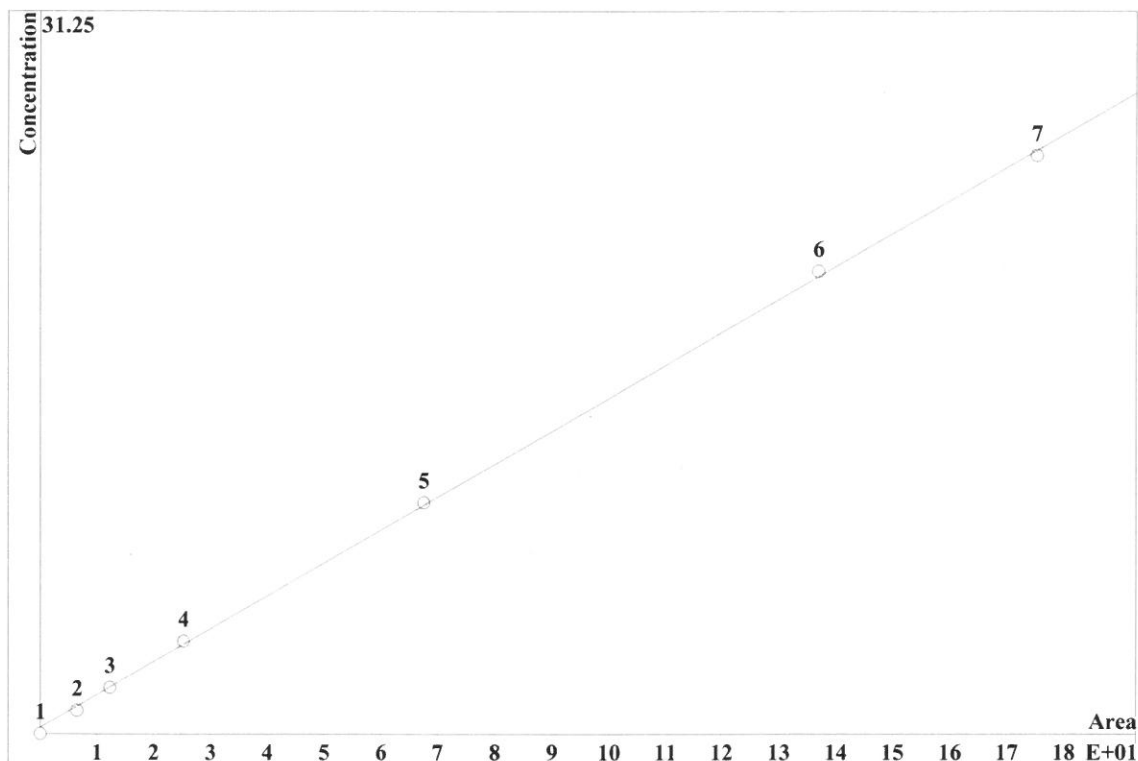
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.7331	9.775	0.3	20	12.05	Yes	
3	1.418	19.09	0.6	20	12.05	Yes	
4	2.765	37.94	1.2	20	12.05	Yes	
5	7.154	103.8	3	20	12.05	Yes	
6	14.05	216.7	6	20	12.05	Yes	
7	16.88	267.4	7.5	20	12.05	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 01-28-20.mtw
 Equation: $Q = 2.84694 \cdot A + 5.56291$
 RSD: 2.003 %
 Correlation coefficient: 0.999830



K3 = 0 K2 = 0 K1 = 2.84694 K0 = 5.56291

Base: Area

Ref.channel: Cond

ISTD:

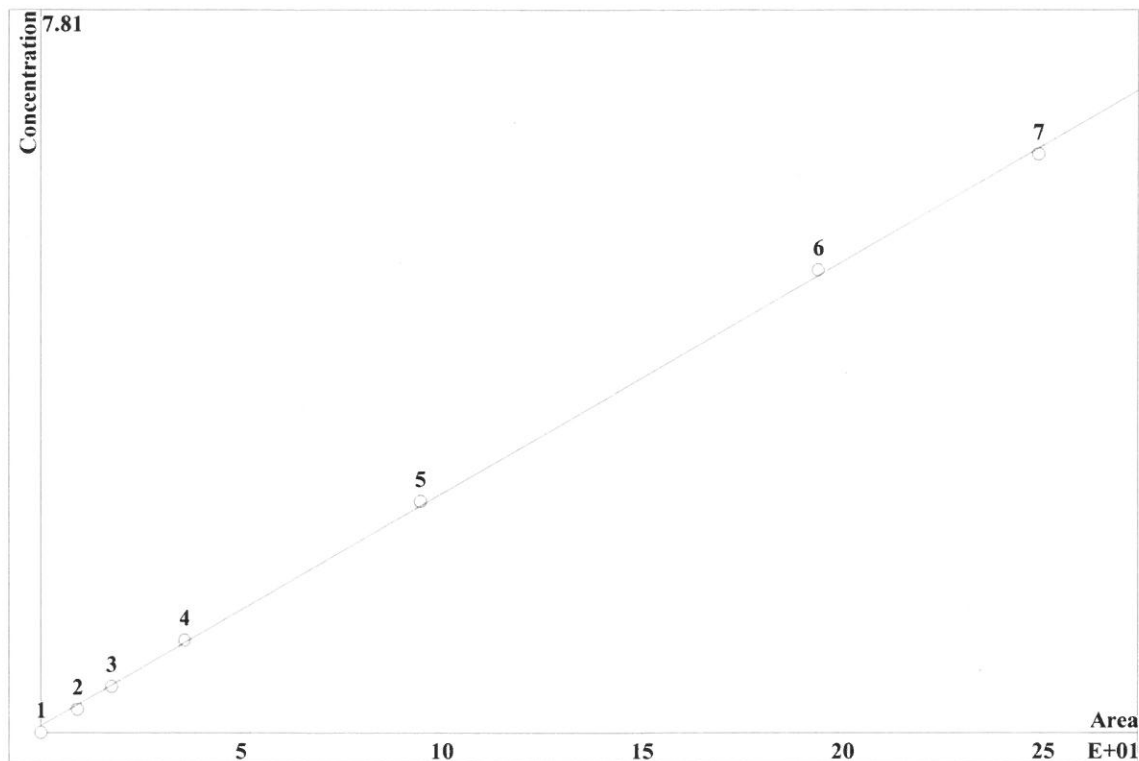
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.3908	6.449	1	20	14.2			Yes
3	0.7635	12.36	2	20	14.2			Yes
4	1.585	25.26	4	20	14.2			Yes
5	4.255	67.54	10	20	14.2			Yes
6	9.07	136.9	20	20	14.2			Yes
7	11.66	175.3	25	20	14.2			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 01-28-20.mtw
 Equation: $Q = 0.501757 \cdot A + 1.50149$
 RSD: 2.314 %
 Correlation coefficient: 0.999774

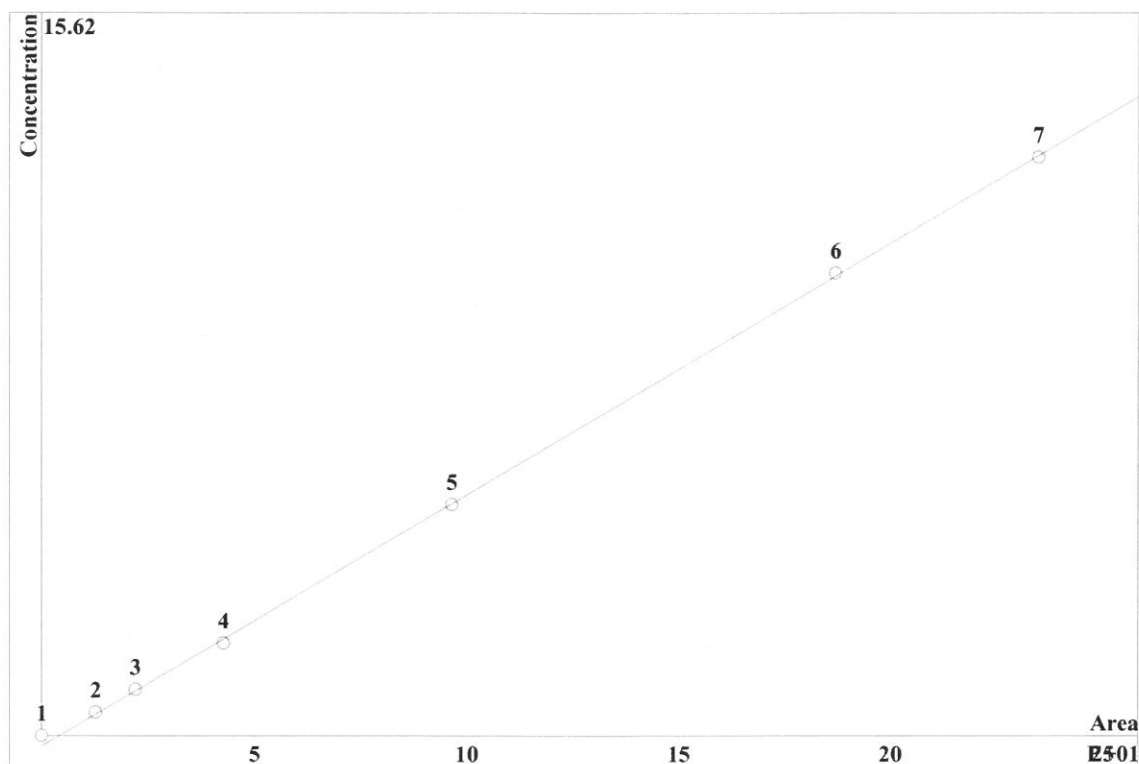


K3 = 0 K2 = 0 K1 = 0.501757 K0 = 1.50149
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.4703	9.1	0.25	20	16.36	Yes		
3	0.9096	17.55	0.5	20	16.36	Yes		
4	1.876	35.85	1	20	16.36	Yes		
5	4.938	94.69	2.5	20	16.36	Yes		
6	10.31	193.9	5	20	16.36	Yes		
7	13.17	248.8	6.25	20	16.36	Yes		

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 01-28-20.mtw
 Equation: $Q = 1.08728 \cdot A - 4.60375$
 RSD: 1.249 %
 Correlation coefficient: 0.999934



K3 = 0 K2 = 0 K1 = 1.08728 K0 = -4.60375

Base: Area

Ref.channel: Cond

ISTD:

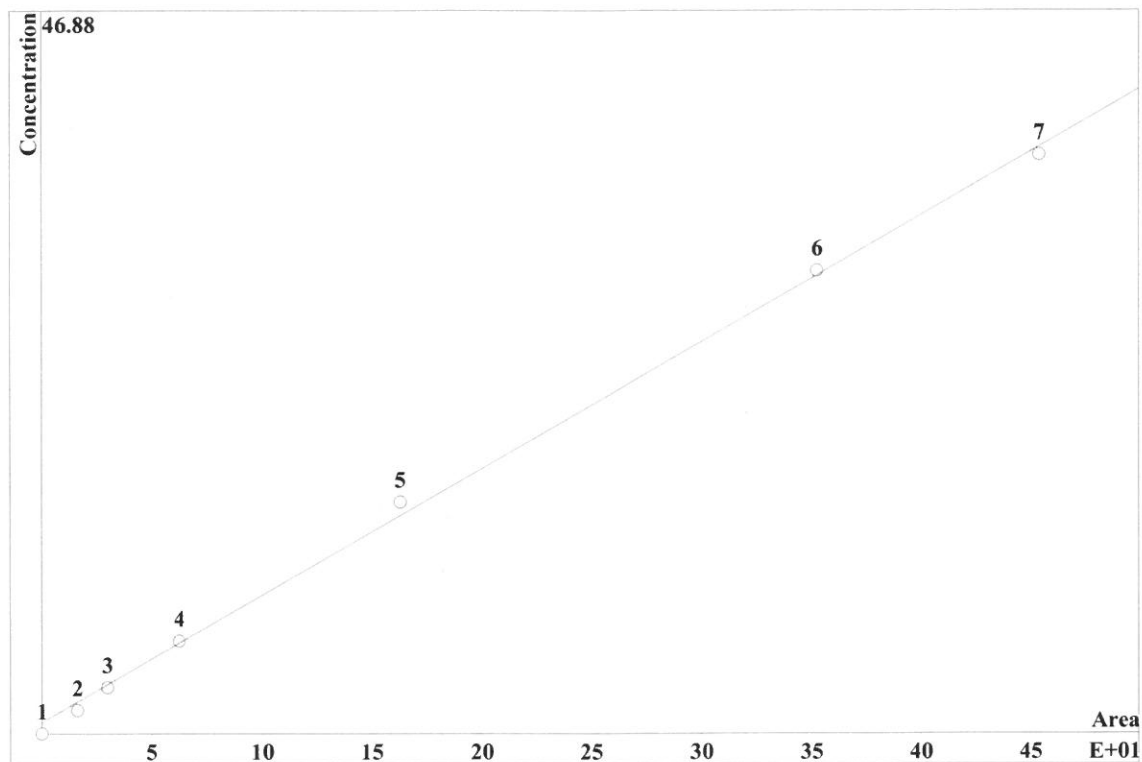
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.3696	12.67	0.5	20	22.65	Yes		
3	0.6826	22.01	1	20	22.65	Yes		
4	1.345	42.65	2	20	22.65	Yes		
5	3.177	96.54	5	20	22.65	Yes		
6	6.415	187	10	20	22.65	Yes		
7	8.211	234.8	12.5	20	22.65	Yes		

CALIBRATION OF COMPONENT SO4

Method: ANIONS 01-28-20.mtw
 Equation: $Q = 1.64354 \cdot A + 14.825$
 RSD: 3.962 %
 Correlation coefficient: 0.999336



K3 = 0 K2 = 0 K1 = 1.64354 K0 = 14.825

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	0.5802	16.11	1.5	20	26.38			Yes
3	1.117	29.97	3	20	26.38			Yes
4	2.308	62.43	6	20	26.38			Yes
5	6.201	162.9	15	20	26.38			Yes
6	13.48	352.3	30	20	26.38			Yes
7	17.44	453.8	37.5	20	26.38			Yes

Report date: 1/29/2020 9:35:27 AM
Printed by: wet

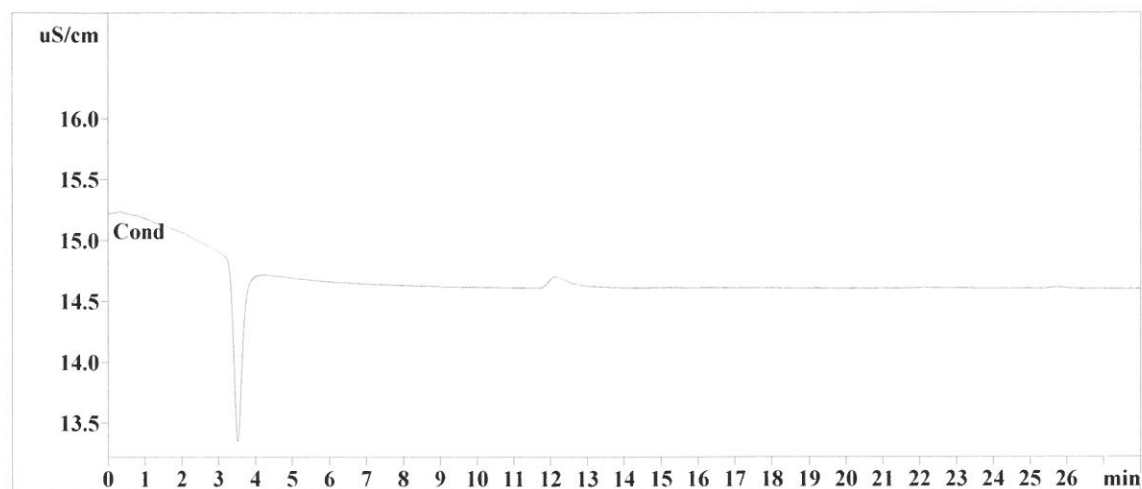
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Analysis from: 1/28/2020 9:34:18 AM
File: _2020-01-28_

Last save: 1/28/2020 10:02:08 AM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69694

Last save: 1/28/2020 8:35:00 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: 1/29/2020 9:35:40 AM
Printed by: wet

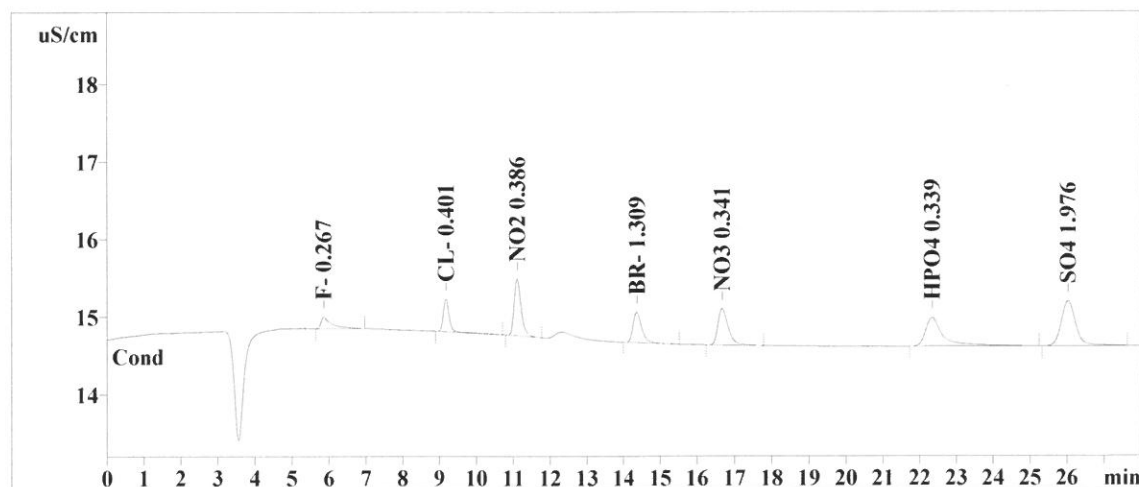
Ident: STD2
Analysis from: 1/28/2020 10:05:13 AM
File: _2020-01-28_

Last save: 1/28/2020 10:33:02 AM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69695

Last save: 1/28/2020 10:02:08 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	5.86	0.252	0.15	4.73	3.058	4.93	0.
2	9.18	0.160	0.42	13.53	4.828	7.79	0.
3	11.11	0.198	0.73	23.53	9.775	15.77	0.
4	14.36	0.243	0.39	12.56	6.449	10.40	0.
5	16.66	0.285	0.47	15.09	9.100	14.68	0.
6	22.34	0.418	0.37	11.85	12.670	20.44	0.
7	26.03	0.407	0.58	18.62	16.111	25.99	0.
7	28.00	0.281	3.11	99.91	61.992	100.00	0.

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Report date: 1/29/2020 9:35:48 AM
Printed by: wet

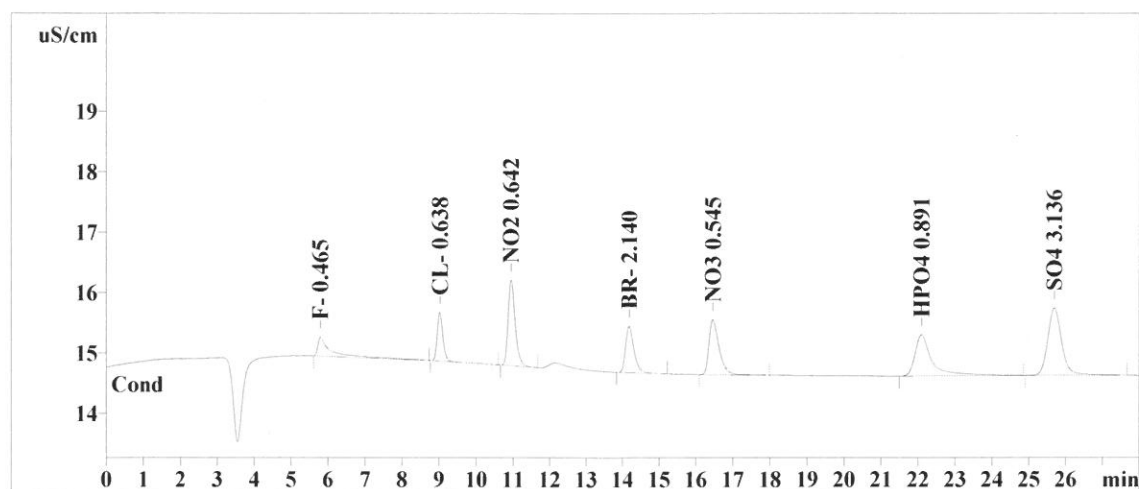
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File: _2020-01-28_

Last save: 1/28/2020 11:03:56 AM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69696

Last save: 1/28/2020 10:33:02 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	5.79	0.248	0.31	5.15	8.300	7.04	0.
2	9.02	0.159	0.80	13.37	8.682	7.36	0.
3	10.94	0.200	1.42	23.60	19.089	16.18	0.
4	14.18	0.241	0.76	12.72	12.360	10.48	0.
5	16.46	0.284	0.91	15.15	17.552	14.88	0.
6	22.09	0.402	0.68	11.36	22.007	18.66	0.
7	25.69	0.392	1.12	18.60	29.968	25.41	0.
7	28.00	0.275	6.00	99.94	117.958	100.00	0.

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Report date: 1/29/2020 9:36:00 AM
Printed by: wet

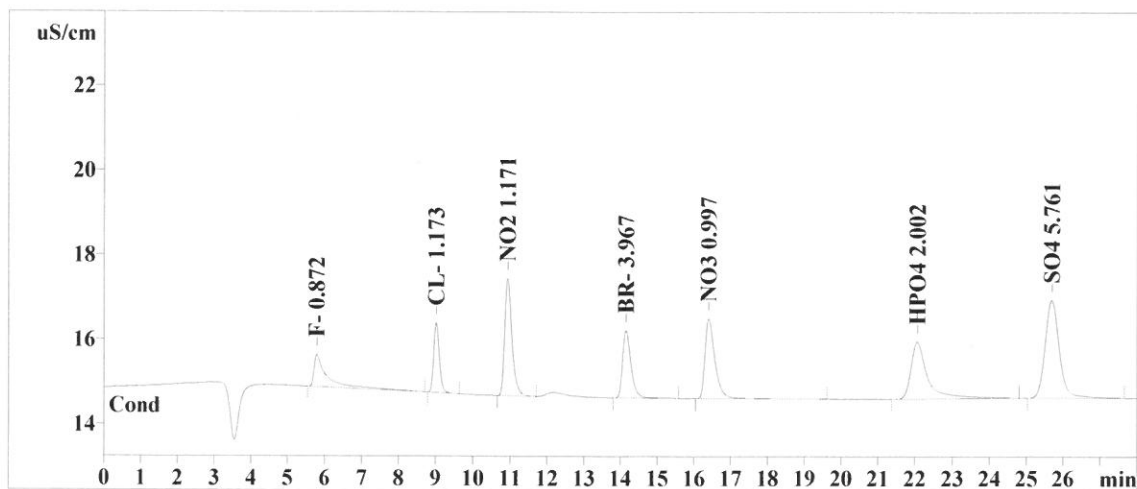
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File: _2020-01-28_

Last save: 1/28/2020 11:34:50 AM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69697

Last save: 1/28/2020 11:03:56 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	5.79	0.253	0.76	6.16	19.104	7.94	0.
2	9.02	0.159	1.64	13.37	17.278	7.18	0.
3	10.93	0.202	2.76	22.52	37.942	15.77	0.
4	14.15	0.236	1.58	12.91	25.261	10.50	0.
5	16.39	0.279	1.88	15.27	35.850	14.91	0.
6	22.07	0.398	1.34	10.95	42.653	17.73	0.
7	25.69	0.395	2.31	18.80	62.434	25.96	0.
7	28.00	0.275	12.28	99.98	240.522	100.00	0.

This report has been created by IC Net
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Report date: 1/29/2020 9:36:10 AM
Printed by: wet

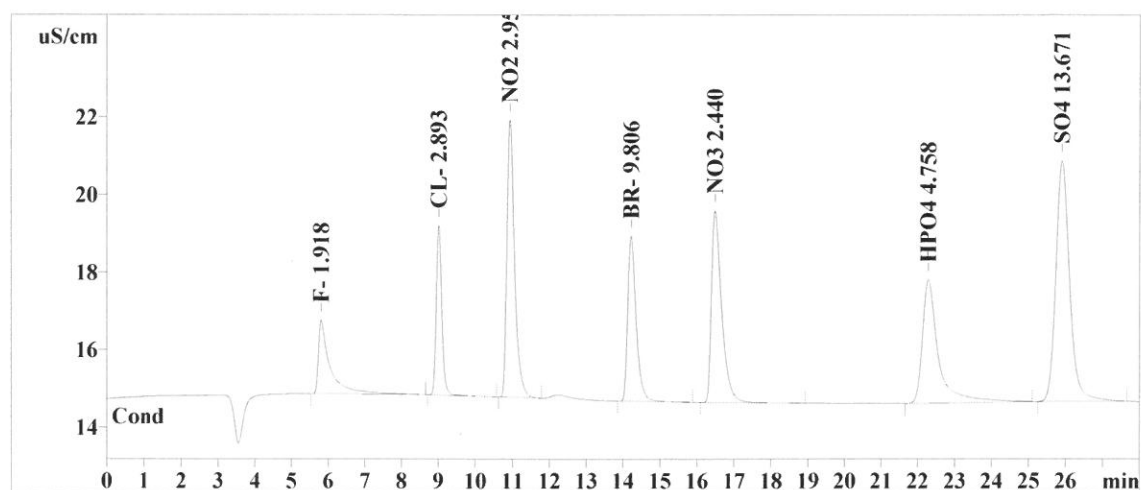
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File: _2020-01-28_

Last save: 1/28/2020 12:05:46 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69698

Last save: 1/28/2020 11:34:50 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	5.80	0.252	1.90	5.93	43.090	7.01	0.
2	9.01	0.156	4.37	13.65	45.810	7.46	0.
3	10.92	0.212	7.15	22.36	103.794	16.89	0.
4	14.22	0.234	4.25	13.30	67.542	10.99	0.
5	16.48	0.280	4.94	15.44	94.693	15.41	0.
6	22.29	0.388	3.18	9.93	96.545	15.71	0.
7	25.91	0.388	6.20	19.38	162.935	26.52	0.
7	28.00	0.273	31.99	99.99	614.409	100.00	0.

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Report date: 1/29/2020 9:36:17 AM
Printed by: wet

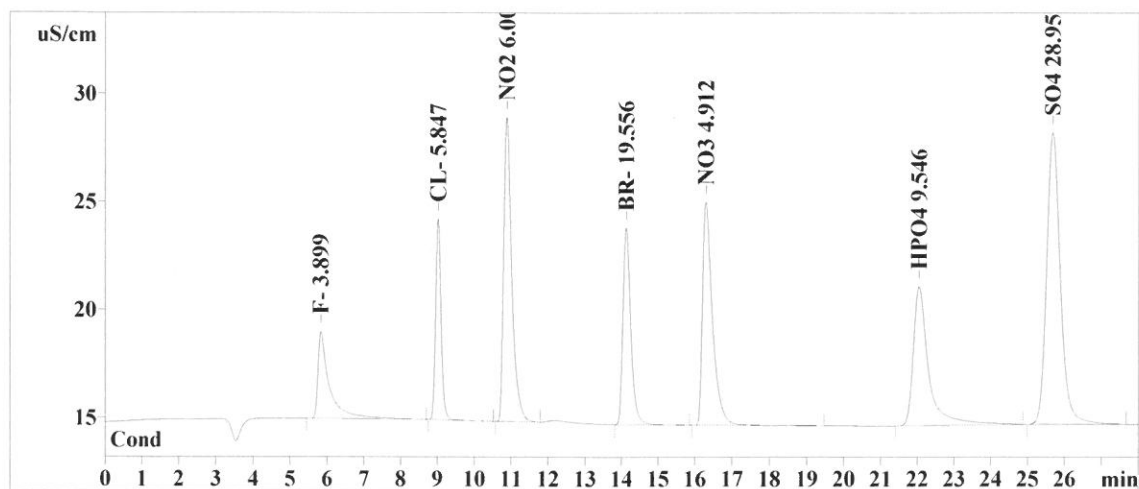
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Analysis from: 1/28/2020 12:08:51 PM
File: _2020-01-28_

Last save: 1/28/2020 12:36:40 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69699

Last save: 1/28/2020 12:05:46 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	5.83	0.255	4.00	6.01	88.481	6.97	0.
2	9.02	0.152	9.26	13.91	94.503	7.44	0.
3	10.87	0.226	14.05	21.10	216.650	17.06	0.
4	14.12	0.224	9.07	13.62	136.945	10.78	0.
5	16.28	0.272	10.31	15.49	193.889	15.27	0.
6	22.04	0.379	6.42	9.63	186.957	14.72	0.
7	25.67	0.387	13.48	20.24	352.345	27.75	0.
7	28.00	0.271	66.59	100.00	1269.770	100.00	0.

This report has been created by IC Net
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Report date: 1/29/2020 9:36:23 AM
Printed by: wet

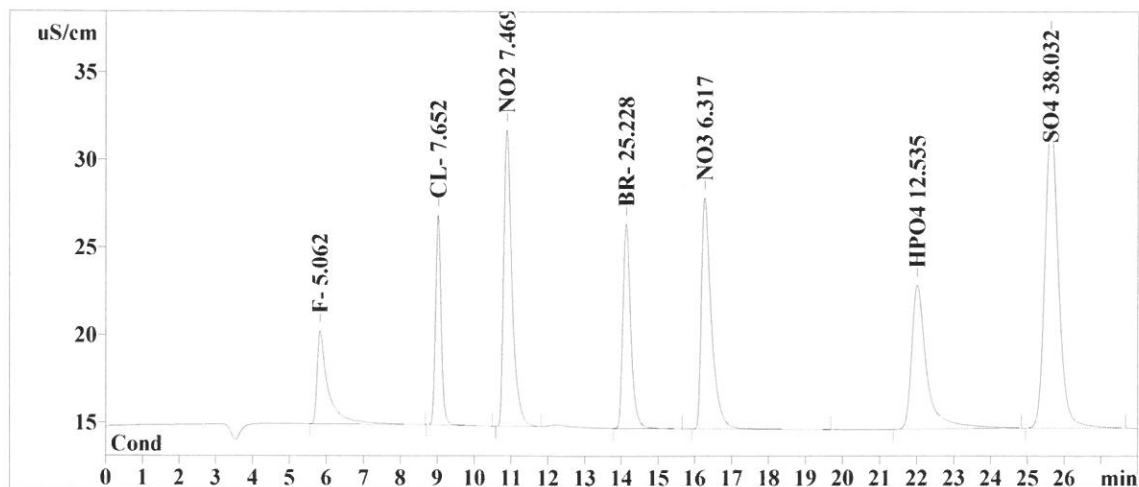
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File: _2020-01-28_

Last save: 1/28/2020 1:07:36 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69700

Last save: 1/28/2020 12:36:40 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	5.83	0.255	5.31	6.28	114.188	7.06	0.
2	9.02	0.155	11.95	14.13	124.164	7.67	0.
3	10.87	0.232	16.88	19.94	267.439	16.52	0.
4	14.12	0.223	11.66	13.78	175.275	10.83	0.
5	16.26	0.272	13.17	15.57	248.789	15.37	0.
6	22.01	0.377	8.21	9.70	234.802	14.51	0.
7	25.62	0.386	17.44	20.61	453.790	28.04	0.
7	28.00	0.271	84.63	100.00	1618.446	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/29/2020 9:36:31 AM
Printed by: wet

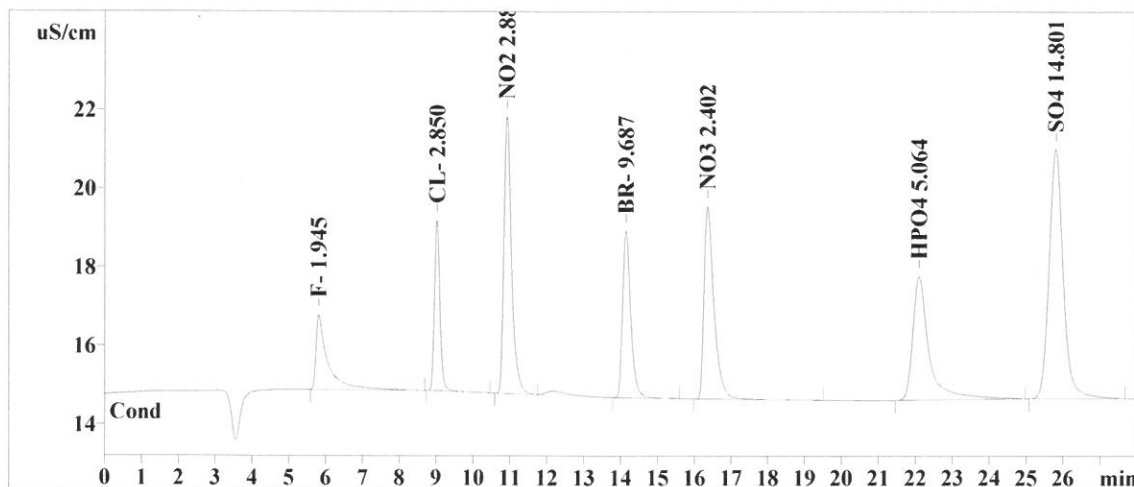
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File: _2020-01-28_

Last save: 1/28/2020 1:38:30 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69701

Last save: 1/28/2020 1:07:36 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	5.81	0.254	1.89	5.95	43.269	7.01	0.
2	9.02	0.155	4.33	13.59	45.097	7.31	0.
3	10.91	0.210	7.04	22.11	101.167	16.40	0.
4	14.13	0.232	4.23	13.28	66.099	10.72	0.
5	16.34	0.276	4.89	15.35	92.744	15.04	0.
6	22.09	0.399	3.13	9.84	97.387	15.79	0.
7	25.79	0.398	6.33	19.88	171.085	27.74	0.
7	28.00	0.275	31.85	100.00	616.848	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/29/2020 9:36:39 AM
Printed by: wet

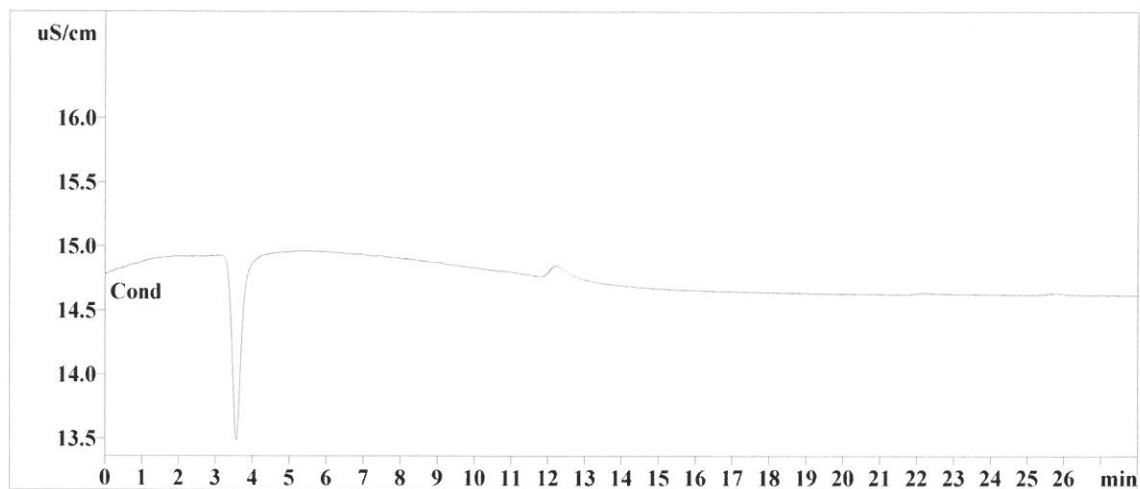
Ident: ICB
Analysis from: 1/28/2020 1:44:20 PM
File: _2020-01-28_

Last save: 1/28/2020 2:12:10 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69702

Last save: 1/28/2020 1:07:36 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: 1/31/2020 2:18:26 PM
 Printed by: wet

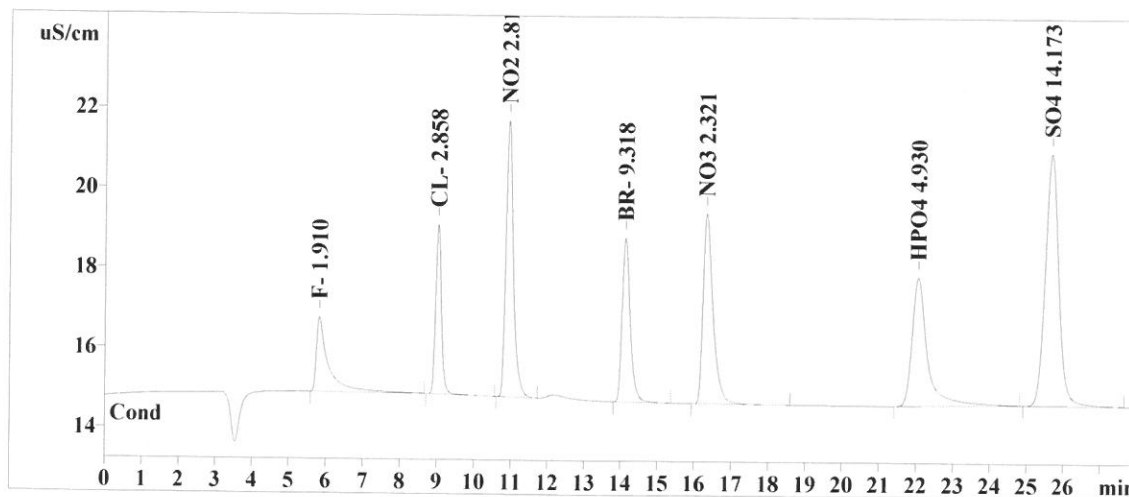
Ident: CCV
 Analysis from: 1/29/2020 4:26:56 PM
 File: _2020-01-29_

Last save: 1/29/2020 4:54:44 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69734

Last save: 1/28/2020 1:07:36 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	5.81	0.254	1.86	5.94	42.482	7.11	0.
2	9.02	0.159	4.23	13.49	45.230	7.57	0.
3	10.91	0.210	6.91	22.03	98.767	16.52	0.
4	14.11	0.231	4.09	13.05	63.508	10.62	0.
5	16.31	0.276	4.75	15.16	89.514	14.97	0.
6	22.04	0.385	3.21	10.23	94.910	15.87	0.
7	25.65	0.388	6.29	20.07	163.448	27.34	0.
7	28.00	0.272	31.34	99.99	597.860	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:18:35 PM
Printed by: wet

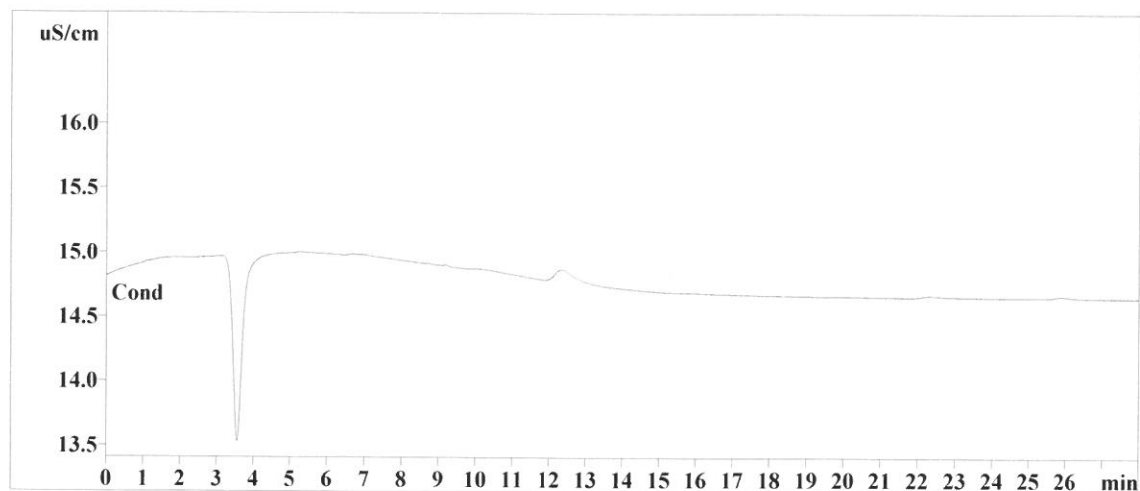
Ident: CCB
Analysis from: 1/29/2020 5:00:57 PM
File: _2020-01-29_

Last save: 1/29/2020 5:28:46 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69735

Last save: 1/28/2020 1:07:36 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: 1/31/2020 2:33:58 PM
Printed by: wet

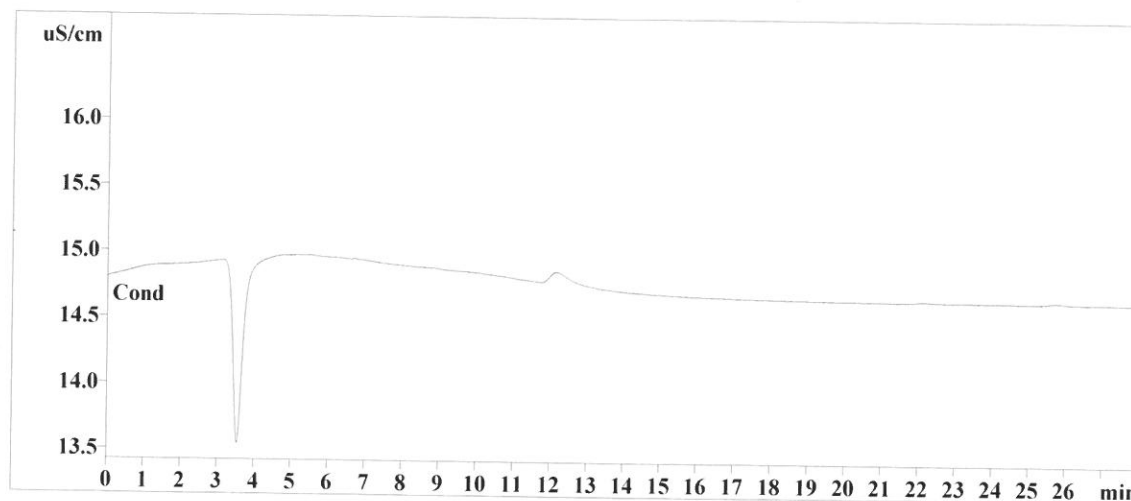
Ident: LB107417BLW
Analysis from: 1/29/2020 5:31:51 PM
File: _2020-01-29_

Last save: 1/29/2020 5:59:40 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69736

Last save: 1/28/2020 1:07:36 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: 1/31/2020 2:34:06 PM
Printed by: wet

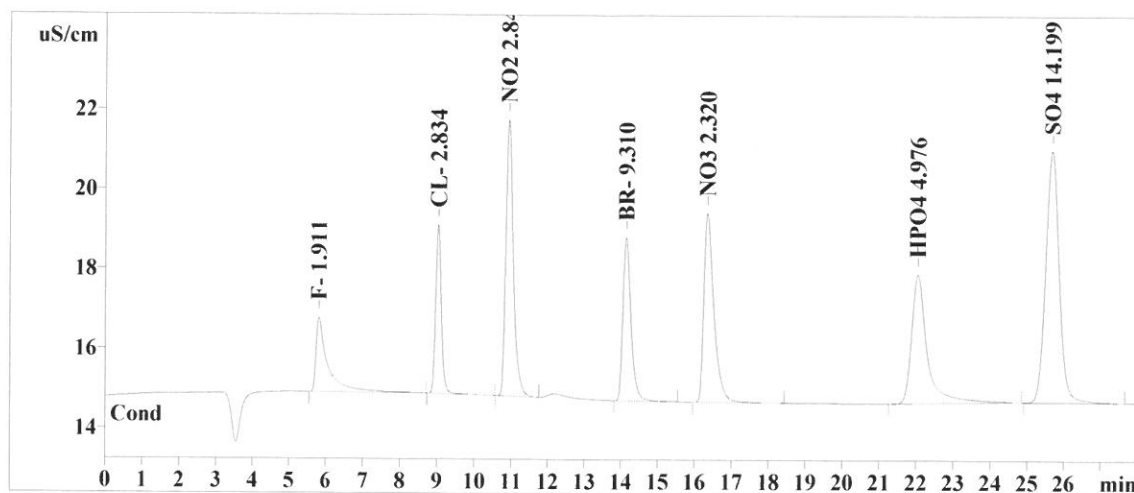
Ident: LB107417BSW
Analysis from: 1/29/2020 6:02:46 PM
File: _2020-01-29_

Last save: 1/29/2020 6:30:34 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69737

Last save: 1/28/2020 1:07:36 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	5.81	0.255	1.86	5.92	42.498	7.09	0.
2	9.02	0.157	4.24	13.50	44.838	7.48	0.
3	10.91	0.211	6.93	22.09	99.811	16.65	0.
4	14.13	0.231	4.08	13.01	63.449	10.58	0.
5	16.33	0.277	4.74	15.09	89.489	14.92	0.
6	22.03	0.385	3.23	10.28	95.766	15.97	0.
7	25.66	0.388	6.31	20.11	163.761	27.31	0.
7	28.00	0.272	31.39	100.00	599.611	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/31/2020 2:34:37 PM
 Printed by: wet

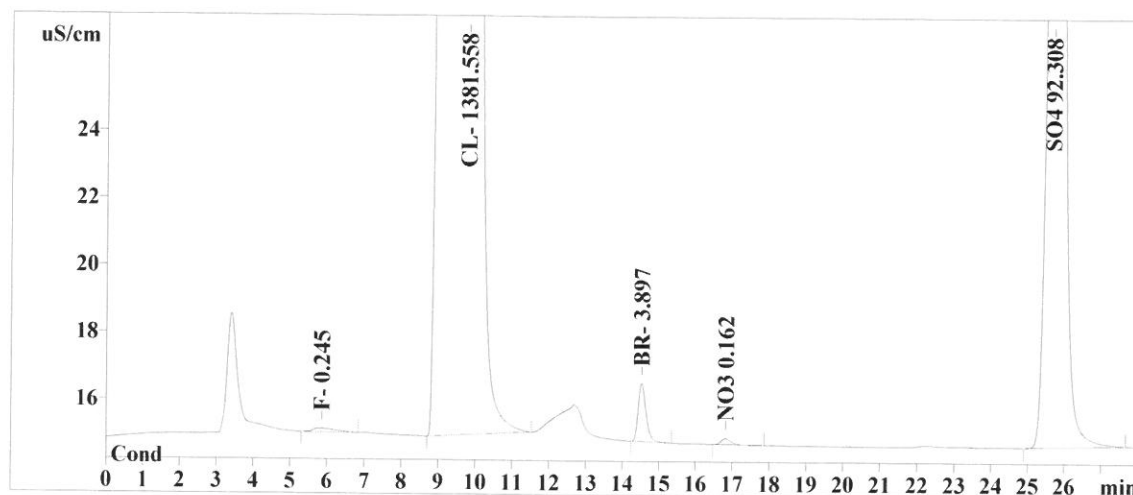
Ident: L1294-07
 Analysis from: 1/29/2020 6:33:41 PM
 File: _2020-01-29_

Last save: 1/31/2020 2:34:36 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69738

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
 : AK/AP
 Vial number: 17
 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	5.85	0.654	0.11	0.02	4.589	0.02	0.
2	9.78	0.656	594.95	92.87	22747.989	95.20	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.52	0.222	1.72	0.27	25.425	0.11	0.
5	16.82	0.280	0.18	0.03	3.447	0.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.66	0.392	43.33	6.76	1114.268	4.66	0.
7	28.00	0.315	640.30	99.95	23895.719	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:34:48 PM
 Printed by: wet

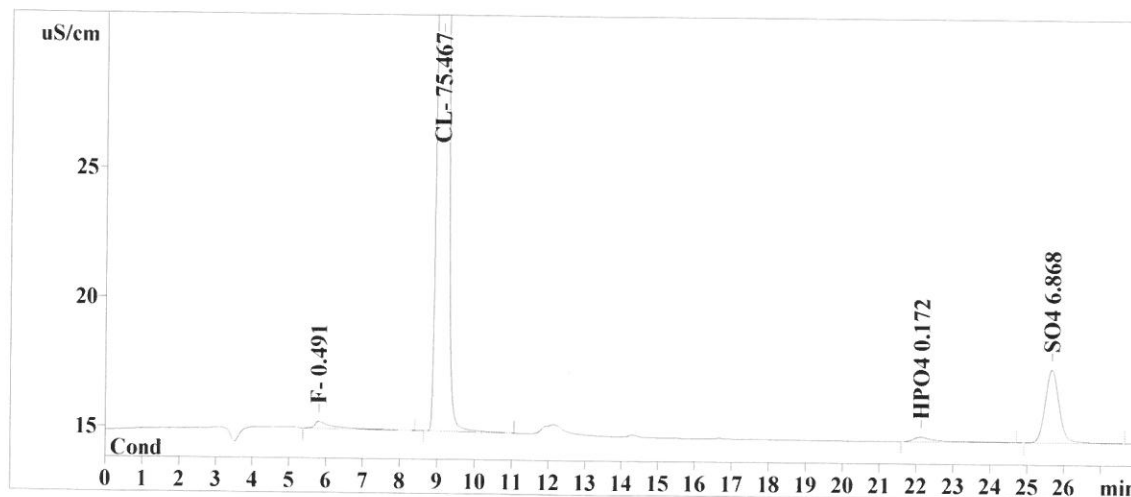
Ident: L1291-01
 Analysis from: 1/29/2020 7:04:35 PM
 File: _2020-01-29_

Last save: 1/29/2020 7:32:24 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69739

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
 : AK/AP
 Vial number: 13
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.359	0.28	0.27	10.196	0.76	0.
2	9.09	0.190	99.51	96.82	1240.867	93.09	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	22.13	0.493	0.18	0.17	7.403	0.56	0.
7	25.66	0.395	2.81	2.74	74.559	5.59	0.
7	28.00	0.205	102.78	100.00	1333.025	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:35:01 PM
 Printed by: wet

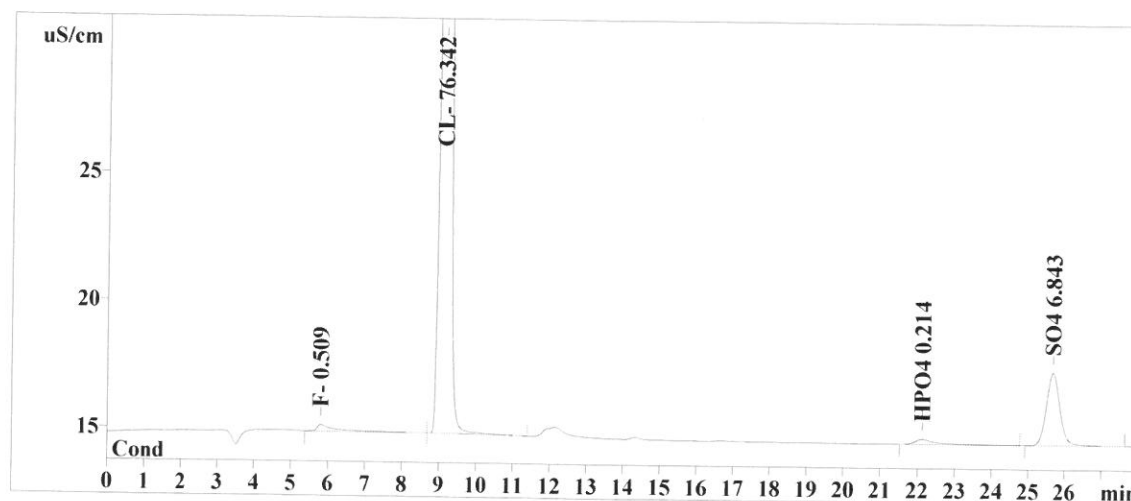
Ident: L1291-01DUP
 Analysis from: 1/29/2020 7:35:30 PM
 File: _2020-01-29_

Last save: 1/29/2020 8:03:18 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69740

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
 : AK/AP
 Vial number: 14
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.356	0.27	0.26	10.603	0.79	0.
2	9.11	0.190	100.72	96.81	1255.267	93.10	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	22.13	0.484	0.20	0.19	8.164	0.61	0.
7	25.67	0.390	2.84	2.73	74.249	5.51	0.
7	28.00	0.203	104.03	99.99	1348.284	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:36:36 PM
 Printed by: wet

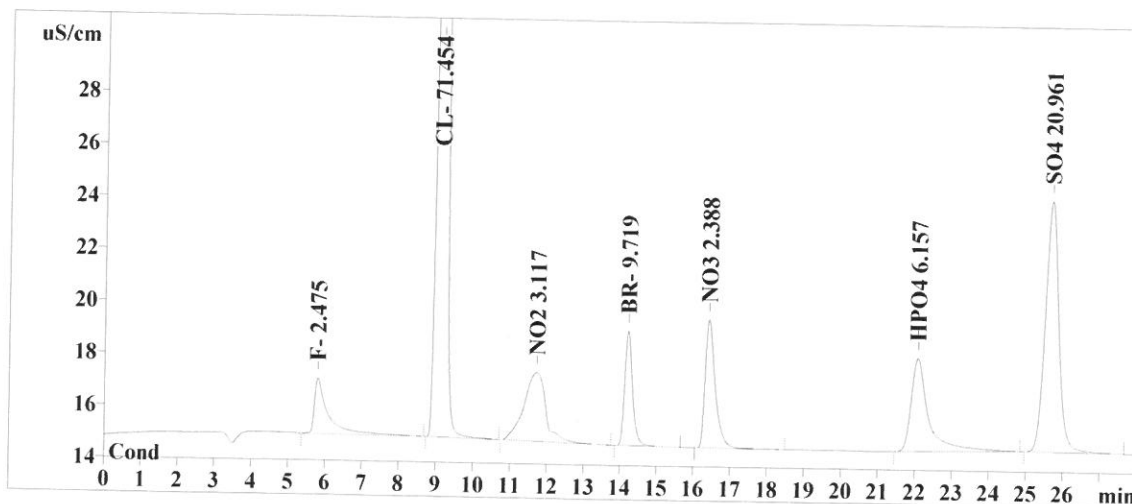
Ident: L1291-01MS
 Analysis from: 1/29/2020 8:06:24 PM
 File: _2020-01-29_

Last save: 1/31/2020 2:36:34 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69741

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
 : AK/AP
 Vial number: 15
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.79	0.289	2.11	1.68	55.336	2.97	0.
2	9.09	0.182	98.42	78.39	1174.775	63.10	0.
3	11.71	0.598	2.63	2.09	109.736	5.89	0.
4	14.20	0.226	4.37	3.48	66.320	3.56	0.
5	16.40	0.276	4.89	3.90	92.192	4.95	0.
6	22.06	0.408	3.55	2.83	117.486	6.31	0.
7	25.65	0.385	9.58	7.63	246.049	13.21	0.
7	28.00	0.338	125.55	100.00	1861.893	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:36:18 PM
 Printed by: wet

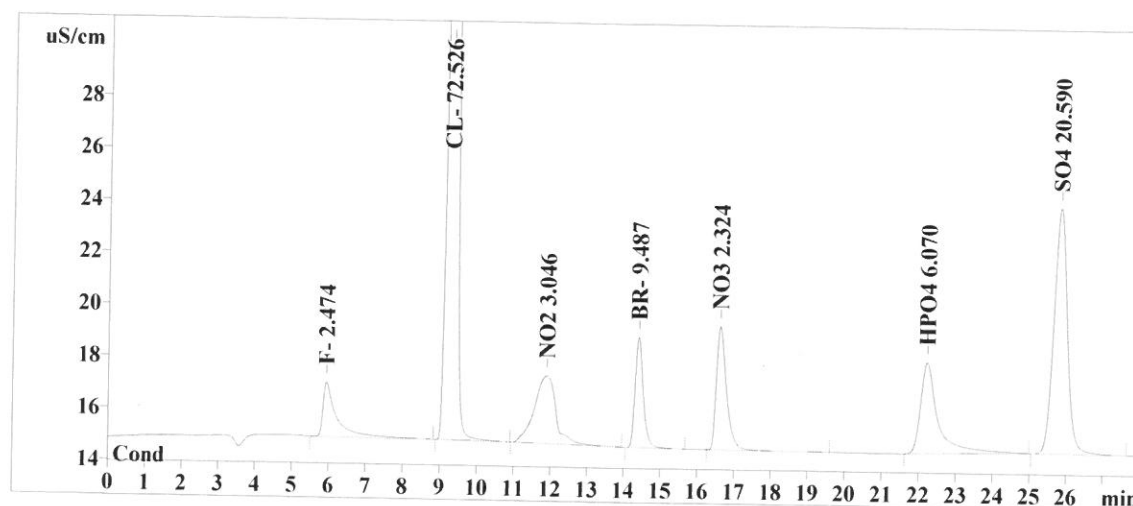
Ident: L1291-01MSD
 Analysis from: 1/29/2020 8:37:19 PM
 File: _2020-01-29_

Last save: 1/31/2020 2:36:12 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69742

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
 : AK/AP
 Vial number: 16
 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	0.299	2.09	1.67	55.298	2.96	0.
2	9.26	0.184	98.98	78.85	1192.441	63.88	0.
3	11.89	0.591	2.60	2.07	107.174	5.74	0.
4	14.39	0.227	4.23	3.37	64.695	3.47	0.
5	16.59	0.276	4.73	3.77	89.660	4.80	0.
6	22.20	0.407	3.49	2.78	115.894	6.21	0.
7	25.79	0.385	9.41	7.50	241.535	12.94	0.
7	28.00	0.339	125.53	100.00	1866.697	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:36:43 PM
Printed by: wet

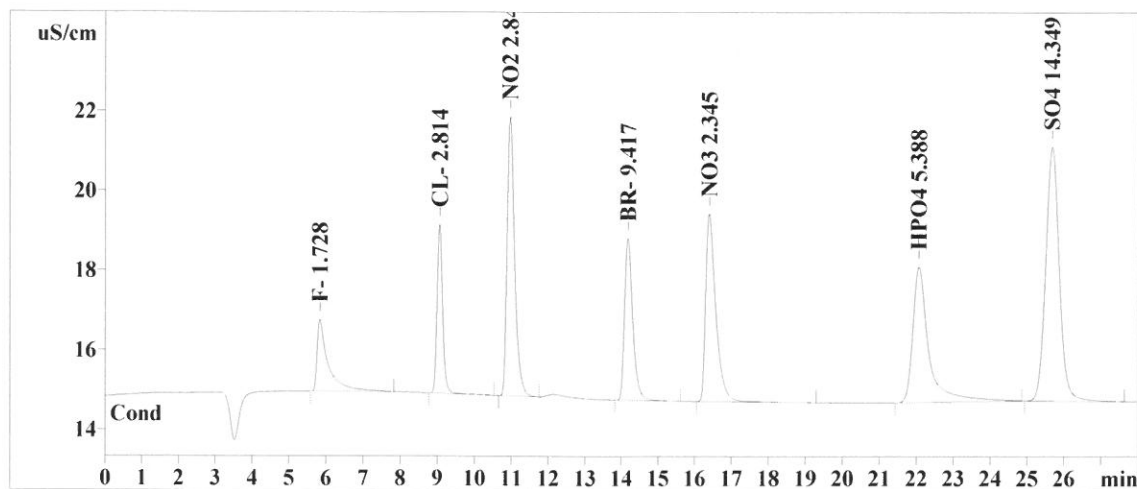
Ident: CCV
Analysis from: 1/29/2020 9:08:14 PM
File: _2020-01-29_

Last save: 1/29/2020 9:36:02 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69743

Last save: 1/28/2020 1:07:36 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	5.83	0.248	1.80	5.70	38.322	6.32	0.
2	9.05	0.156	4.24	13.43	44.505	7.34	0.
3	10.96	0.212	7.00	22.18	99.720	16.45	0.
4	14.17	0.235	4.05	12.84	64.203	10.59	0.
5	16.39	0.280	4.70	14.90	90.469	14.93	0.
6	22.06	0.390	3.39	10.76	103.336	17.05	0.
7	25.67	0.390	6.37	20.19	165.591	27.32	0.
7	28.00	0.273	31.54	100.00	606.145	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/31/2020 2:36:53 PM
Printed by: wet

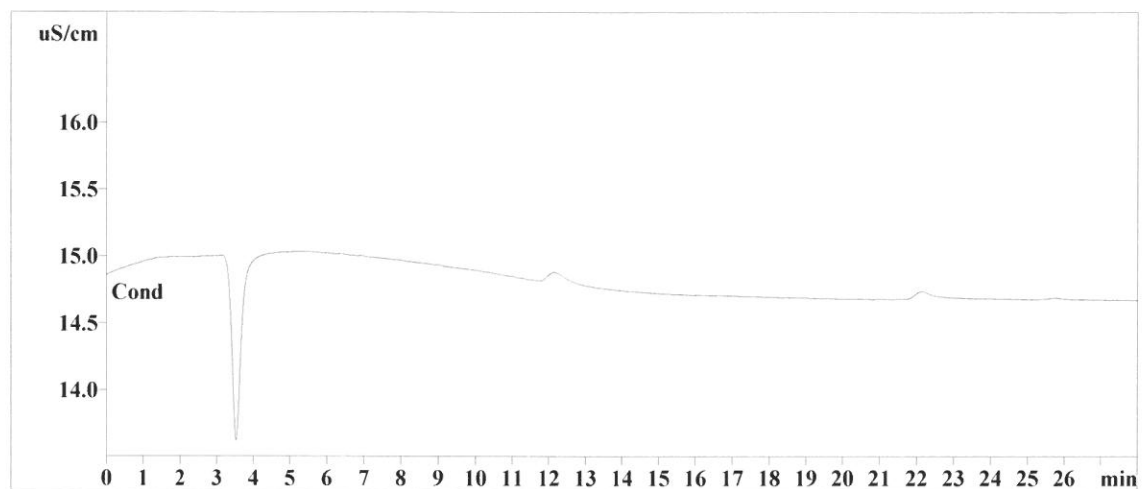
Ident: CCB
Analysis from: 1/29/2020 9:39:08 PM
File: _2020-01-29_

Last save: 1/29/2020 10:06:58 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69744

Last save: 1/28/2020 1:07:36 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: 1/31/2020 2:37:07 PM
Printed by: wet

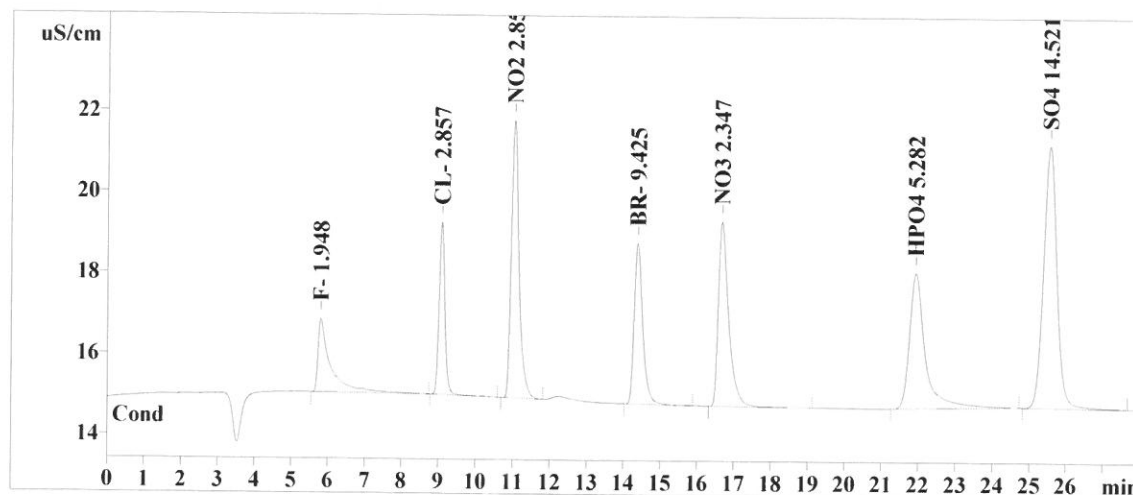
Ident: CCV
Analysis from: 1/30/2020 9:04:54 AM
File: _2020-01-30_

Last save: 1/30/2020 9:32:44 AM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69747

Last save: 1/28/2020 1:07:36 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	5.80	0.262	1.81	5.78	43.343	7.08	0.
2	9.07	0.158	4.26	13.62	45.205	7.38	0.
3	11.02	0.215	6.86	21.93	100.115	16.34	0.
4	14.36	0.239	3.97	12.69	64.256	10.49	0.
5	16.65	0.289	4.56	14.58	90.544	14.78	0.
6	21.92	0.391	3.35	10.70	101.385	16.55	0.
7	25.53	0.389	6.47	20.70	167.680	27.38	0.
7	28.00	0.277	31.27	100.00	612.528	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/31/2020 2:37:14 PM
Printed by: wet

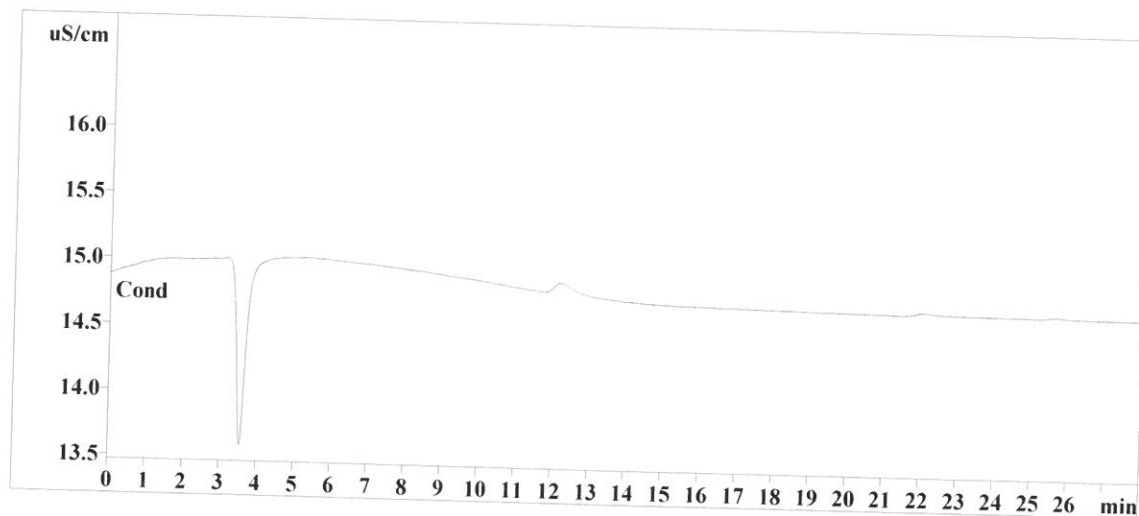
Ident: CCB
Analysis from: 1/30/2020 9:46:44 AM
File: _2020-01-30_

Last save: 1/30/2020 10:14:32 AM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69748

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
:
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: 1/31/2020 2:37:22 PM
Printed by: wet

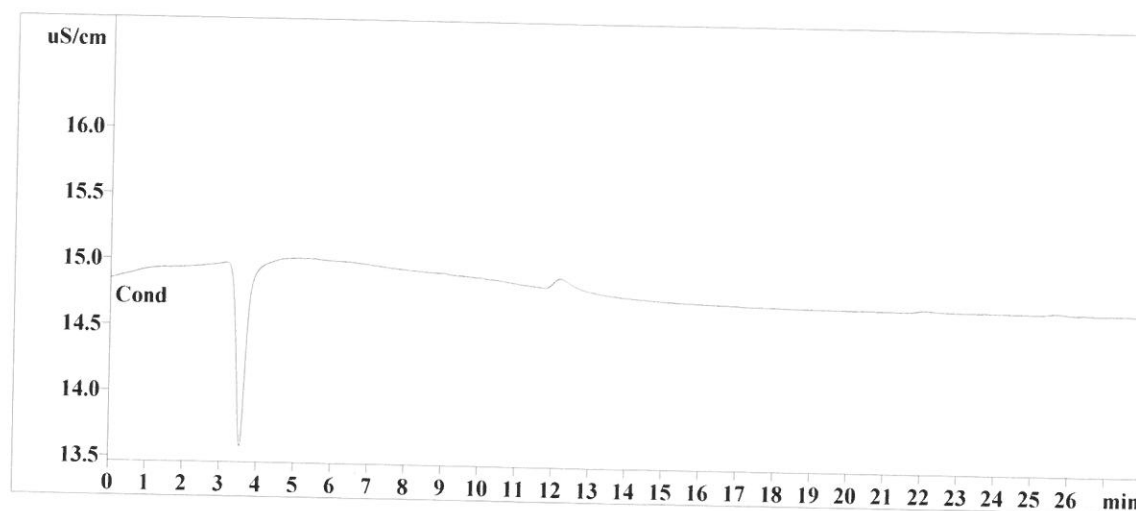
Ident: LB107417BLW
Analysis from: 1/30/2020 10:17:38 AM
File: _2020-01-30_

Last save: 1/30/2020 10:45:28 AM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69749

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
:
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: 1/31/2020 2:37:30 PM
 Printed by: wet

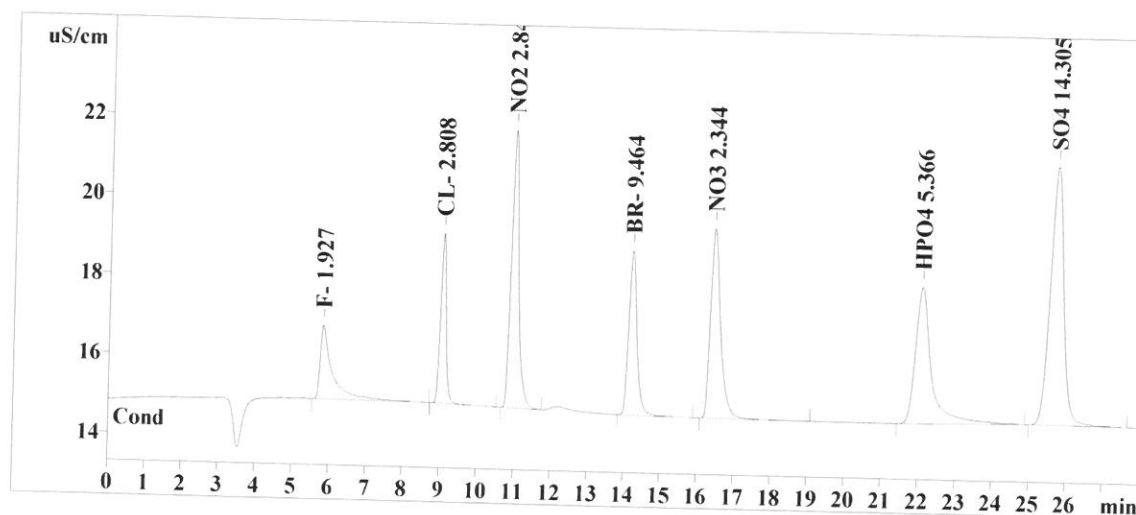
Ident: LB107417BSW
 Analysis from: 1/30/2020 10:48:33 AM
 File: _2020-01-30_

Last save: 1/30/2020 11:16:22 AM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69750

Last save: 1/28/2020 1:07:36 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	5.82	0.259	1.84	5.78	42.870	7.03	0.
2	9.04	0.155	4.26	13.40	44.407	7.28	0.
3	10.93	0.211	6.95	21.87	99.894	16.37	0.
4	14.17	0.233	4.10	12.92	64.530	10.58	0.
5	16.41	0.278	4.74	14.94	90.424	14.82	0.
6	22.05	0.387	3.41	10.74	102.944	16.87	0.
7	25.68	0.384	6.46	20.34	165.058	27.05	0.
7	28.00	0.273	31.76	100.00	610.128	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:37:40 PM
Printed by: wet

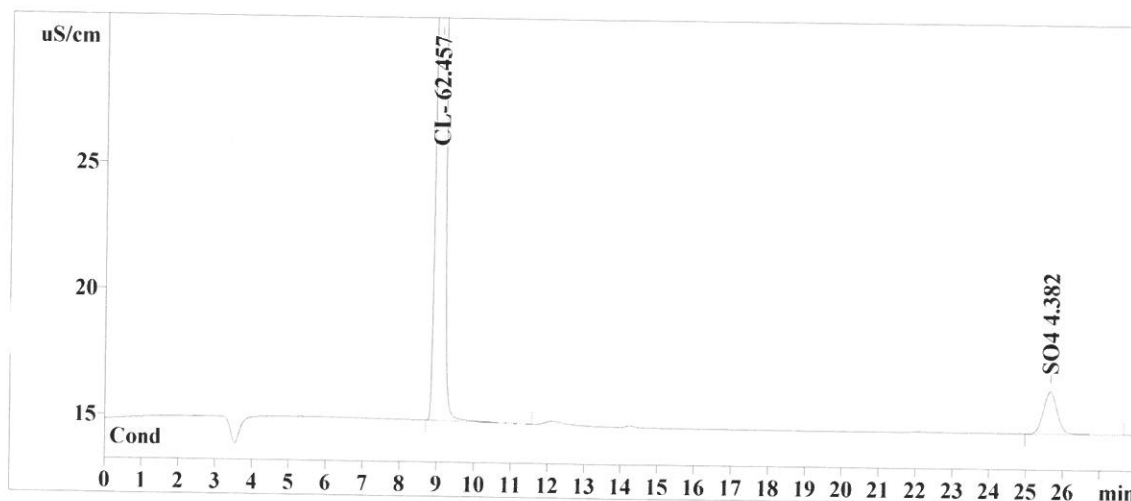
Ident: L1294-07DLX20
Analysis from: 1/30/2020 11:44:34 AM
File: _2020-01-30_

Last save: 1/30/2020 12:12:22 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69751

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
: AK/AP
Vial number: 22
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	9.04	0.154	101.55	98.38	1026.637	95.86	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	25.65	0.397	1.68	1.63	44.306	4.14	0.
7	28.00	0.079	103.23	100.00	1070.943	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/31/2020 2:39:51 PM
 Printed by: wet

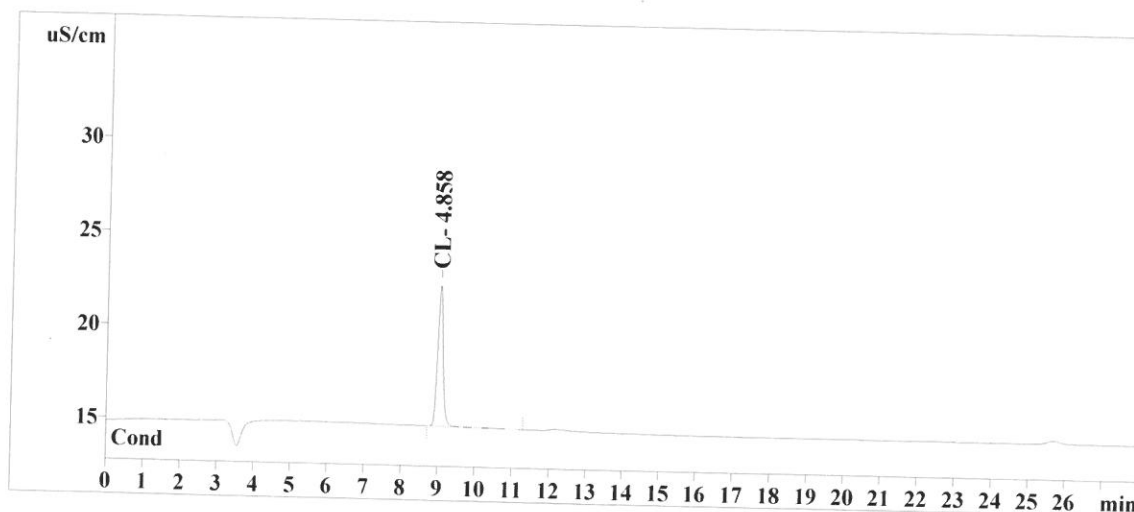
Ident: L1294-07DL2X200
 Analysis from: 1/30/2020 12:15:29 PM
 File: _2020-01-30_

Last save: 1/31/2020 2:39:48 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69752

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
 : AK/AP
 Vial number: 23
 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	9.03	0.154	7.50	100.00	78.166	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	28.00	0.022	7.50	100.00	78.166	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/31/2020 2:38:12 PM
 Printed by: wet

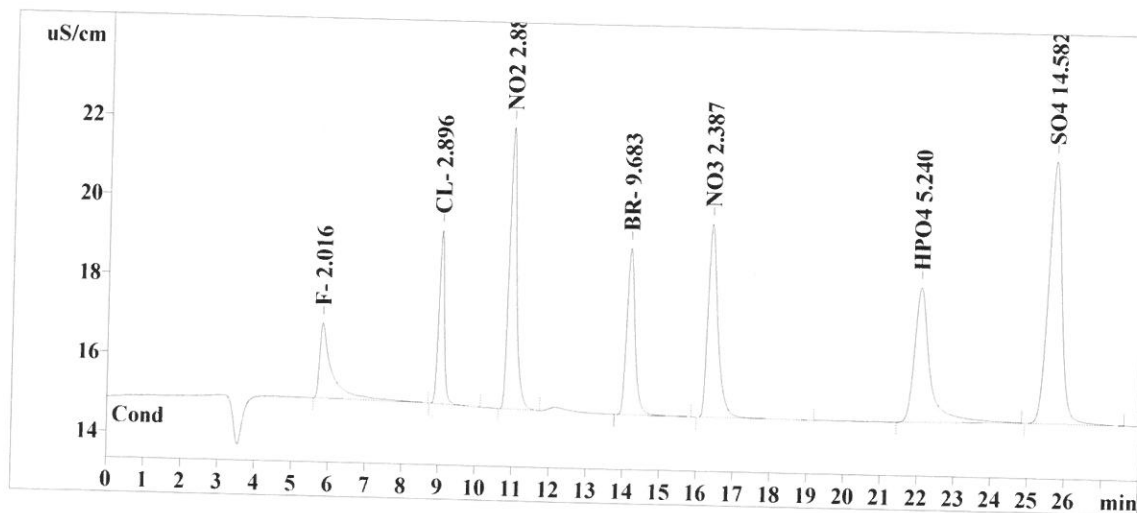
Ident: CCV
 Analysis from: 1/30/2020 12:46:23 PM
 File: _2020-01-30_

Last save: 1/30/2020 1:14:12 PM

Method: ANIONS 01-28-20.mtw
 Run operator: wet
 Analysis number: 69753

Last save: 1/28/2020 1:07:36 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	5.80	0.259	1.90	5.85	44.890	7.25	0.
2	9.02	0.157	4.37	13.46	45.844	7.40	0.
3	10.91	0.209	7.11	21.91	101.181	16.34	0.
4	14.13	0.233	4.20	12.94	66.067	10.67	0.
5	16.34	0.276	4.87	15.00	92.171	14.89	0.
6	22.04	0.385	3.40	10.47	100.613	16.25	0.
7	25.65	0.383	6.61	20.38	168.424	27.20	0.
7	28.00	0.272	32.45	100.00	619.190	100.00	0.

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Report date: 1/31/2020 2:38:20 PM
Printed by: wet

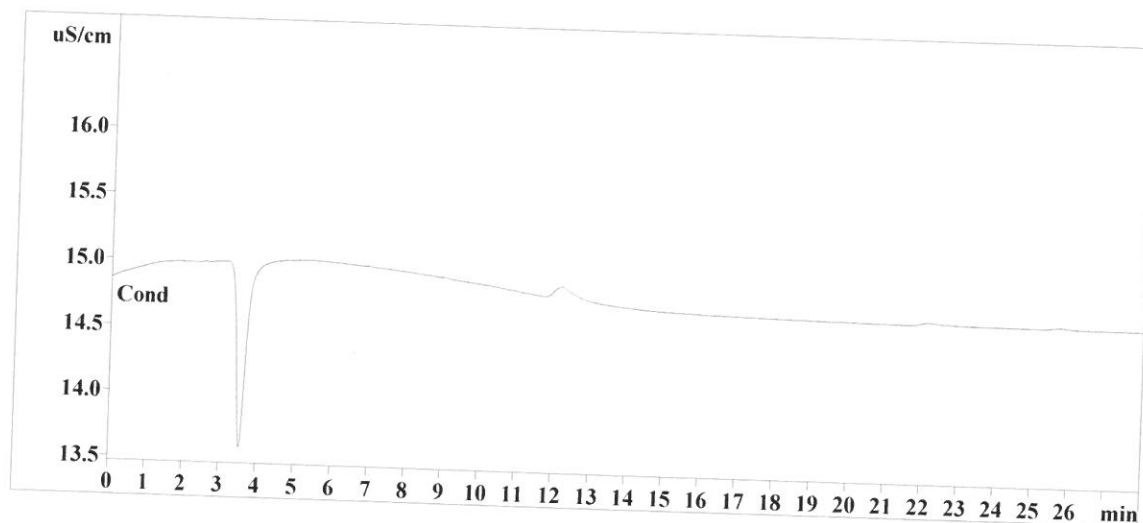
Ident: CCB
Analysis from: 1/30/2020 1:17:18 PM
File: _2020-01-30_

Last save: 1/30/2020 1:45:08 PM

Method: ANIONS 01-28-20.mtw
Run operator: wet
Analysis number: 69754

Last save: 1/28/2020 1:07:36 PM

SAMPLE:
:
Vial number: AK/AP
Volume: 3
Dilution: 20.0 μ L
Amount: 1.00
1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
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