

Clear table

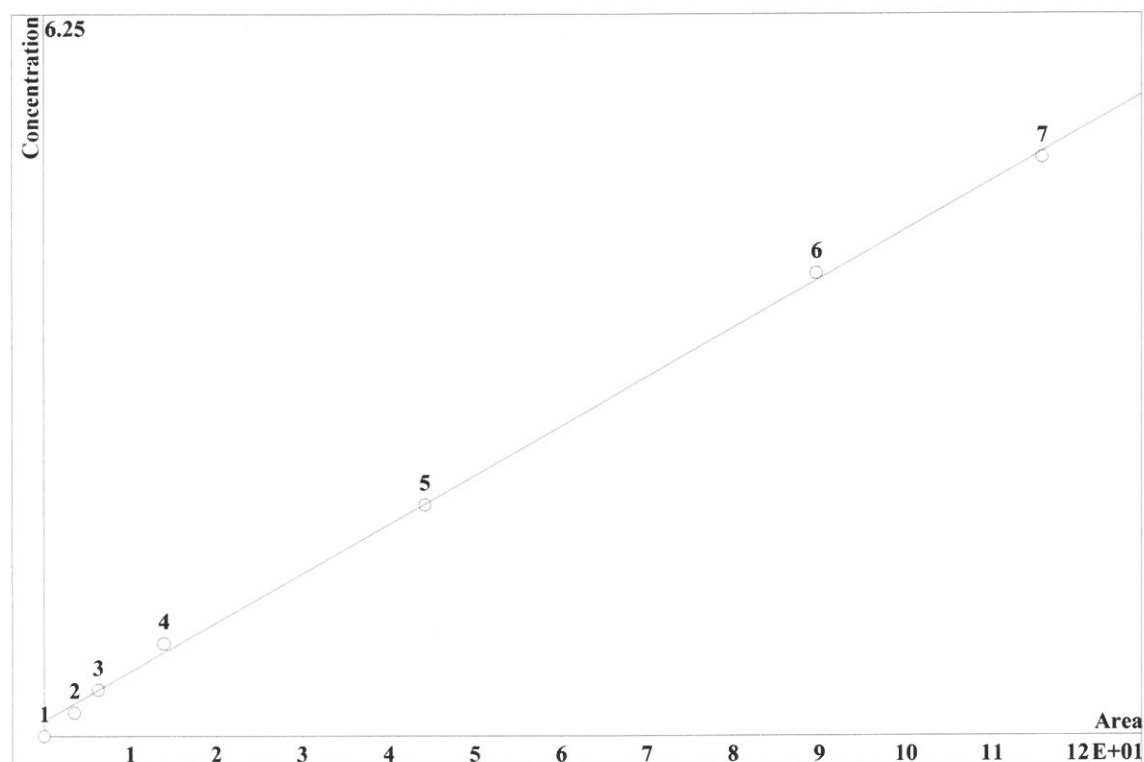
IC1 300.0
01-17-2020 AK

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	2019-12-31	12/31/19 16:32		AK/AP
STD2	0.2810	0.3870	0.3870	1.3230	0.3280	0.3900	2.0220	2019-12-31	12/31/19 17:03		AK/AP
STD3	0.3990	0.6510	0.6400	2.1420	0.5370	1.0360	3.2860	2019-12-31	12/31/19 17:35		AK/AP
STD4	0.7230	1.2120	1.2030	4.0190	1.0000	2.1330	5.9360	2019-12-31	12/31/19 18:06		AK/AP
STD5	2.0070	2.8350	2.8410	9.3980	2.3510	4.9310	13.9010	2019-12-31	12/31/19 18:37		AK/AP
STD6	3.9380	5.8500	5.9030	19.6770	4.9360	10.0300	29.9710	2019-12-31	12/31/19 19:09		AK/AP
STD7	5.0520	7.6650	7.6260	25.4400	6.3480	12.4810	37.8840	2019-12-31	12/31/19 19:40		AK/AP
ICV	2.0680	2.9280	2.9500	9.8080	2.4330	5.0420	14.4210	2019-12-31	12/31/19 20:12		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-12-31	12/31/19 20:43		AK/AP
CCV	1.9870	2.7810	2.8280	9.2770	2.3260	4.7240	13.6750	2020-01-16	1/16/20 14:03		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-16	1/16/20 14:34		AK/AP
LB107214BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-16	1/16/20 15:05		AK/AP
LB107214BSW	2.0090	2.7650	2.8510	9.1890	2.3090	4.8010	13.5790	2020-01-16	1/16/20 15:36		AK/AP
L1162-01	0.5000	29.2820	0.0000	0.0000	0.0000	0.0000	65.2550	2020-01-16	1/16/20 17:08		AK/AP
L1162-02	0.3620	39.4500	0.0000	0.0000	0.3270	0.0000	20.9760	2020-01-16	1/16/20 17:39		AK/AP
L1162-03	0.3800	44.0280	0.0000	0.0000	0.0000	0.0000	9.5030	2020-01-16	1/16/20 18:10		AK/AP
L1162-04	0.4960	96.8820	0.0000	0.0000	0.0000	0.0000	7.4870	2020-01-16	1/16/20 18:41		AK/AP
L1162-05	0.5030	453.4110	0.0000	1.3510	0.7390	0.0000	39.7520	2020-01-16	1/16/20 19:12		AK/AP
L1162-08	0.7310	26.7910	0.0000	0.0000	0.3540	0.0000	6.0500	2020-01-16	1/16/20 19:43		AK/AP
CCV	2.0120	2.8890	2.9100	9.6620	2.4310	5.0550	14.3050	2020-01-16	1/16/20 20:14		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-16	1/16/20 20:45		AK/AP
L1162-09	0.5500	76.7220	0.0000	0.0000	0.0000	0.0000	7.6550	2020-01-16	1/16/20 21:16		AK/AP
L1162-10	0.3400	116.7780	0.0000	0.6520	0.0000	0.0000	5.5950	2020-01-16	1/16/20 21:47		AK/AP
L1162-05DUP	0.5100	457.7460	0.0000	1.3600	0.7530	0.0000	40.2790	2020-01-16	1/16/20 22:17		AK/AP
L1162-05MS	2.4170	416.1640	0.4410	10.3420	3.0060	5.7810	52.5710	2020-01-16	1/16/20 22:48		AK/AP
L1162-05MSD	2.4620	413.9600	0.4410	10.8250	3.0950	6.1580	53.1340	2020-01-16	1/16/20 23:19		AK/AP
CCV	2.0050	2.9300	2.9650	9.6410	2.4340	5.2320	14.4220	2020-01-16	1/16/20 23:50		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-17	1/17/20 0:21		AK/AP

IC-1 cal
12-31-2019
no

CALIBRATION OF COMPONENT F-

Method: ANIONS 12-31-19.mtw
Equation: $Q = 0.849336 \cdot A + 2.61321$
RSD: 3.341 %
Correlation coefficient: 0.999528



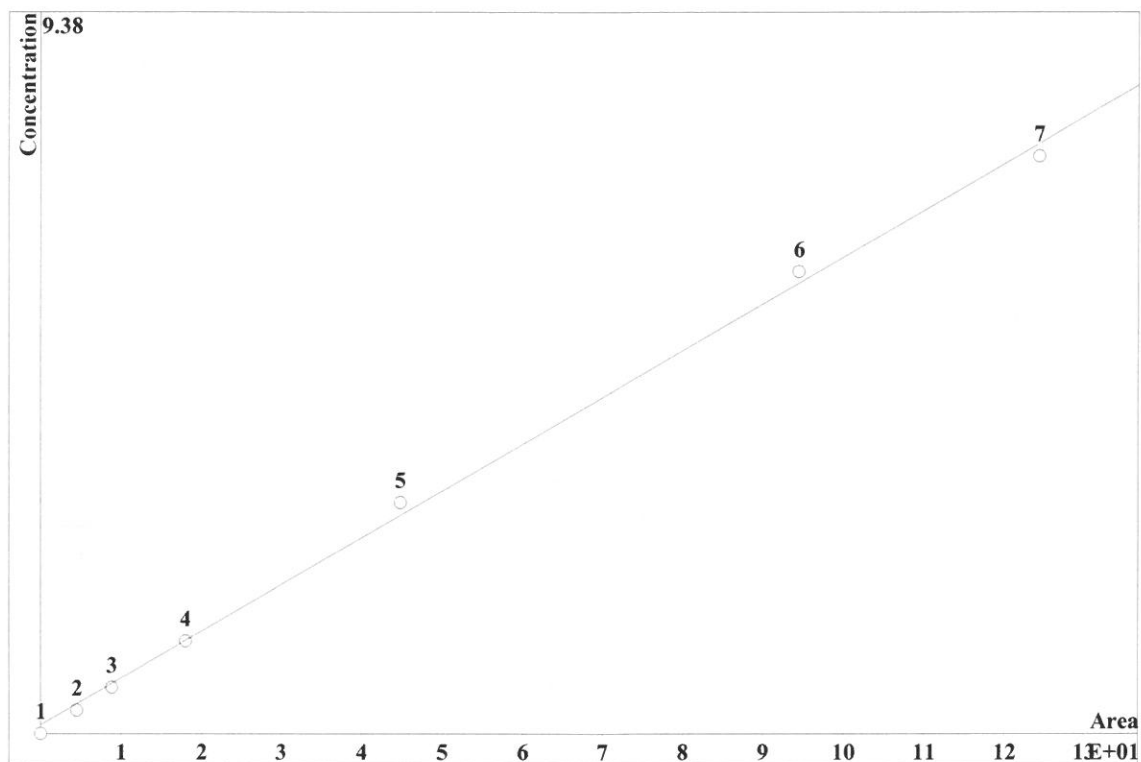
K3 = 0 K2 = 0 K1 = 0.849336 K0 = 2.61321

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	0.1896	3.546	0.2	20	5.773		Yes
3	0.3575	6.311	0.4	20	5.773		Yes
4	0.7865	13.95	0.8	20	5.773		Yes
5	2.217	44.17	2	20	5.773		Yes
6	4.506	89.66	4	20	5.773		Yes
7	5.805	115.9	5	20	5.773		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 12-31-19.mtw
 Equation: $Q = 1.21528 \cdot A + 2.27388$
 RSD: 4.777 %
 Correlation coefficient: 0.999035



K3 = 0 K2 = 0 K1 = 1.21528 K0 = 2.27388

Base: Area

Ref.channel: Cond

ISTD:

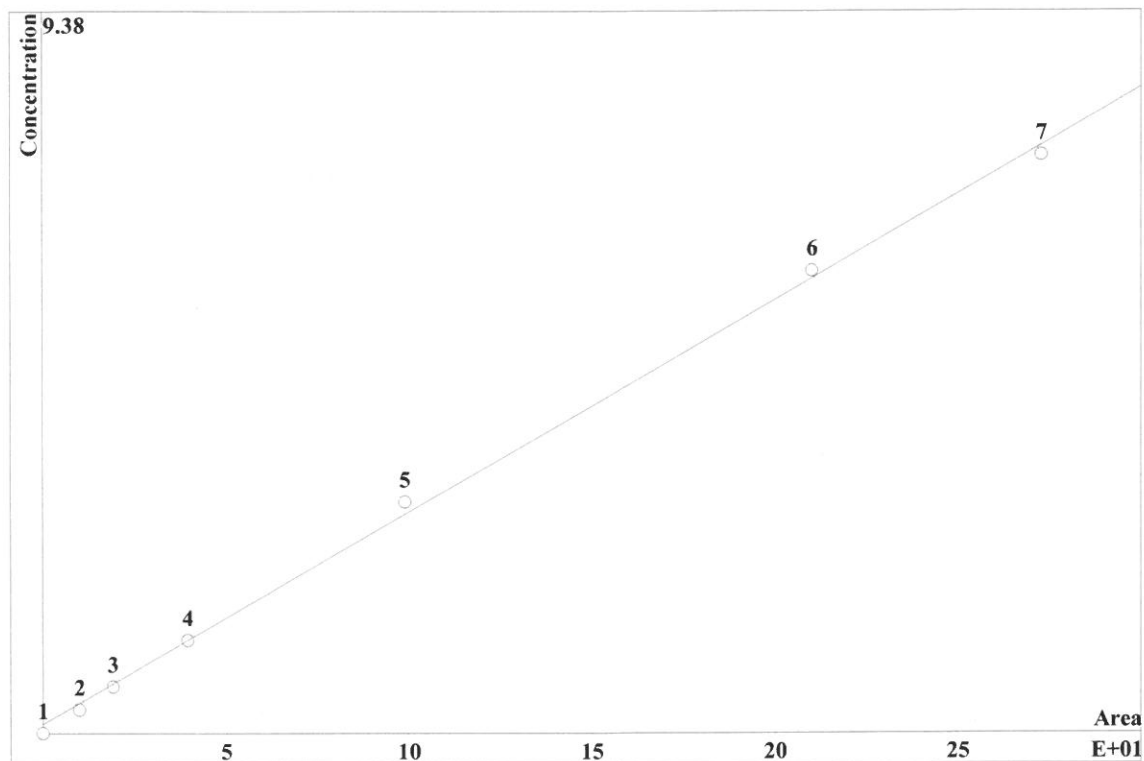
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4175	4.504	0.3	20	9.479		Yes
3	0.8278	8.847	0.6	20	9.479		Yes
4	1.691	18.07	1.2	20	9.479		Yes
5	4.299	44.78	3	20	9.479		Yes
6	9.271	94.4	6	20	9.479		Yes
7	12.25	124.3	7.5	20	9.479		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 12-31-19.mtw
 Equation: $Q = 0.550657 \cdot A + 2.33469$
 RSD: 3.952 %
 Correlation coefficient: 0.999340

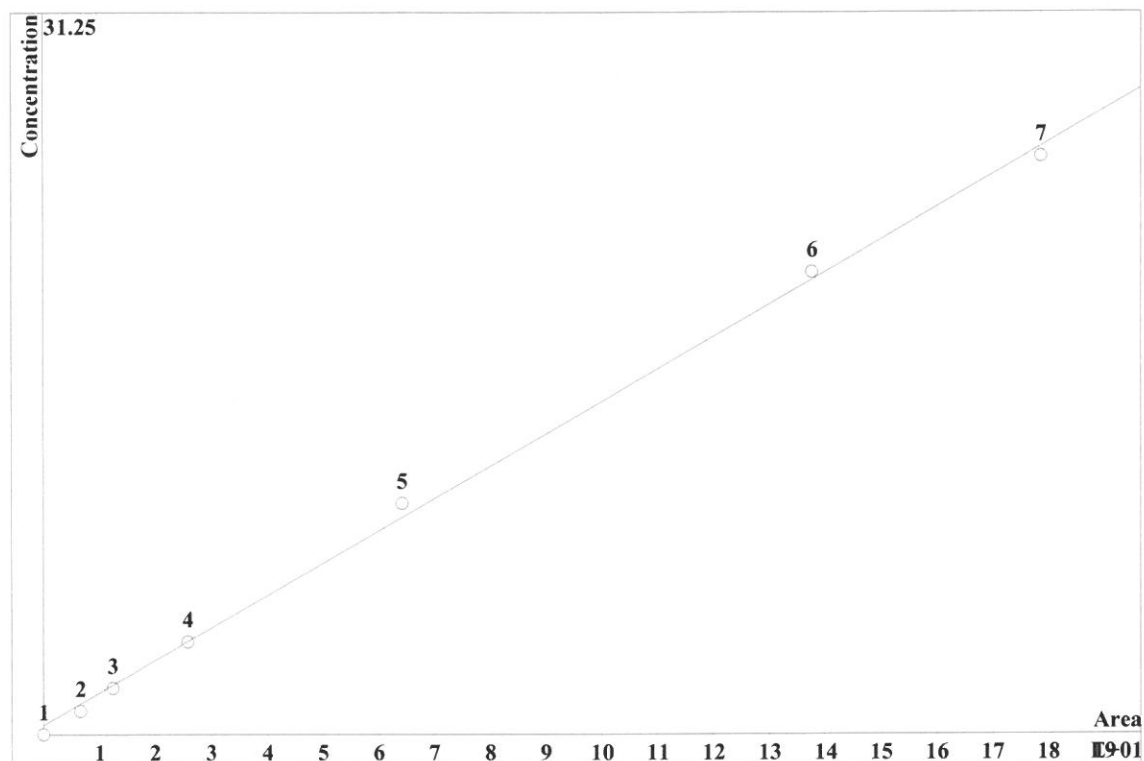


K3 = 0 K2 = 0 K1 = 0.550657 K0 = 2.33469
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.676	9.809	0.3	20	12.05	Yes	
3	1.337	19.02	0.6	20	12.05	Yes	
4	2.717	39.46	1.2	20	12.05	Yes	
5	6.63	98.93	3	20	12.05	Yes	
6	13.43	210.1	6	20	12.05	Yes	
7	17.04	272.8	7.5	20	12.05	Yes	

CALIBRATION OF COMPONENT BR-

Method: ANIONS 12-31-19.mtw
 Equation: $Q = 2.80317 \cdot A + 7.95413$
 RSD: 4.288 %
 Correlation coefficient: 0.999223



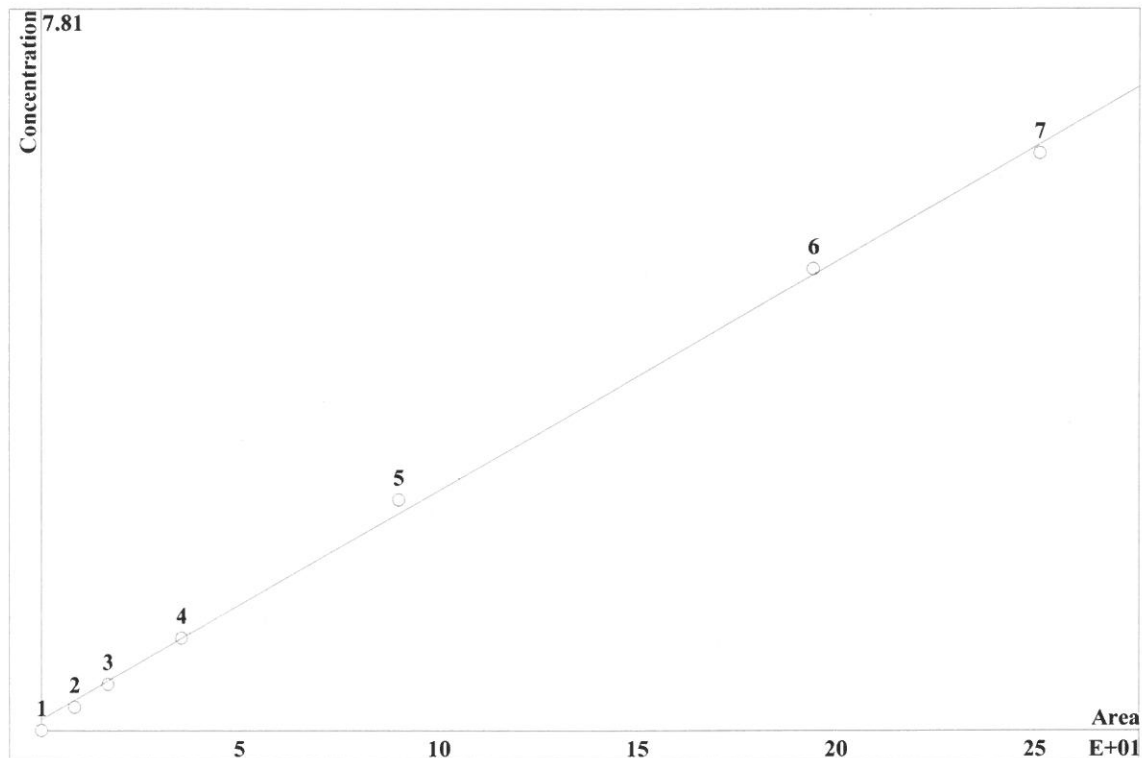
K3 = 0 K2 = 0 K1 = 2.80317 K0 = 7.95413

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	0.3842	6.604	1	20	14.2			Yes
3	0.7716	12.44	2	20	14.2			Yes
4	1.601	25.84	4	20	14.2			Yes
5	4.133	64.22	10	20	14.2			Yes
6	9.046	137.6	20	20	14.2			Yes
7	11.97	178.7	25	20	14.2			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 12-31-19.mtw
 Equation: $Q = 0.495666 \cdot A + 2.43012$
 RSD: 4.031 %
 Correlation coefficient: 0.999313



K3 = 0 K2 = 0 K1 = 0.495666 K0 = 2.43012

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

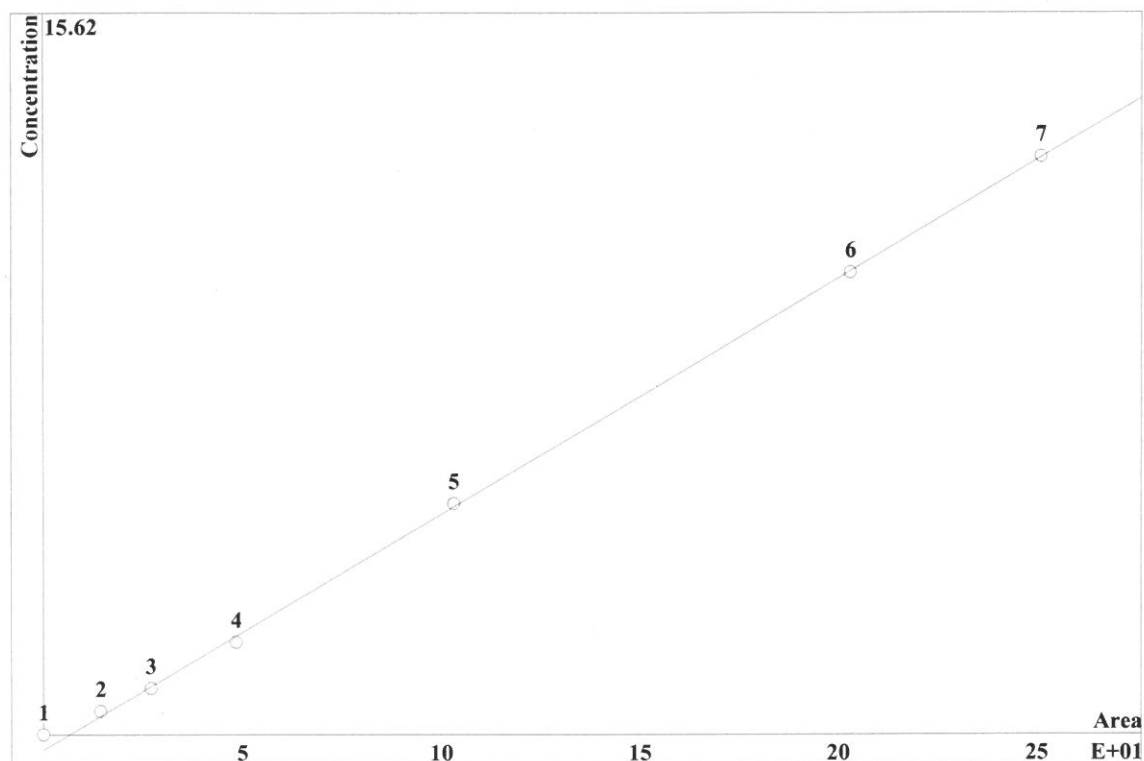
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.4124	8.335	0.25	20	16.36			Yes
3	0.8668	16.78	0.5	20	16.36			Yes
4	1.83	35.43	1	20	16.36			Yes
5	4.718	89.97	2.5	20	16.36			Yes
6	10.09	194.2	5	20	16.36			Yes
7	13.23	251.2	6.25	20	16.36			Yes

±□; \$

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 12-31-19.mtw
 Equation: $Q = 1.02048 \cdot A - 6.70236$
 RSD: 1.864 %
 Correlation coefficient: 0.999853

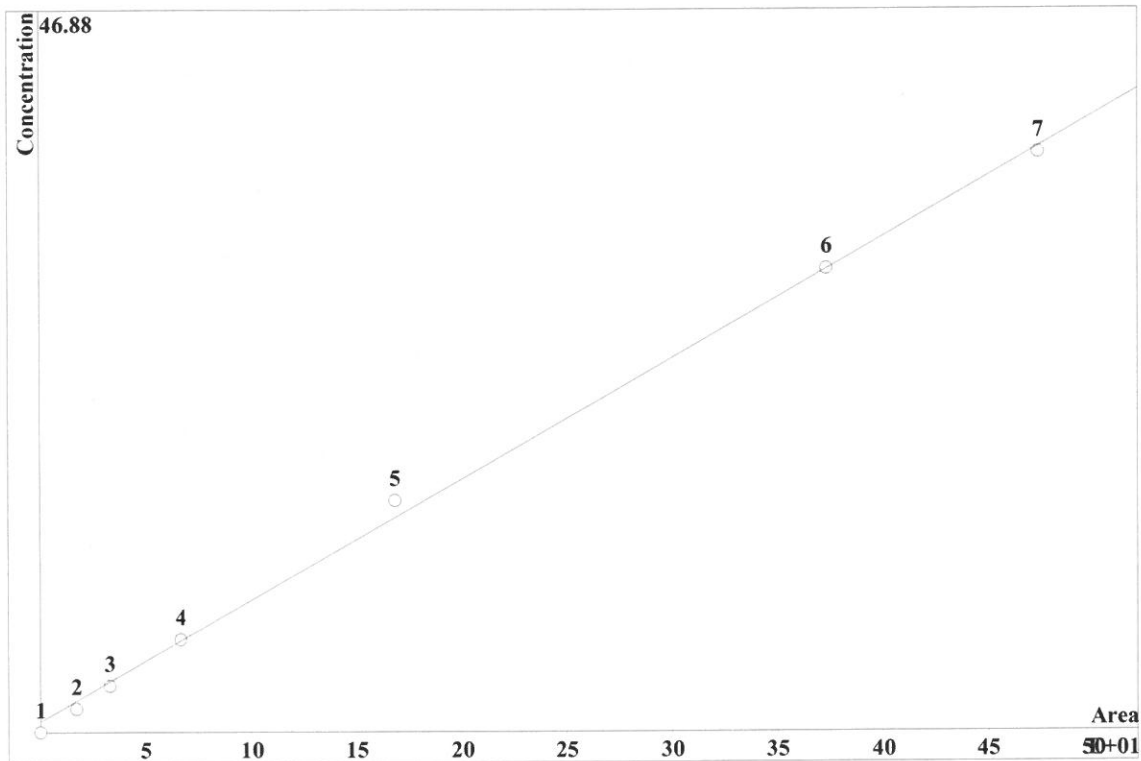


K3 = 0 K2 = 0 K1 = 1.02048 K0 = -6.70236
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.4246	14.21	0.5	20	22.65			Yes
3	0.8212	26.87	1	20	22.65			Yes
4	1.561	48.36	2	20	22.65			Yes
5	3.553	103.2	5	20	22.65			Yes
6	7.032	203.1	10	20	22.65			Yes
7	9.06	251.2	12.5	20	22.65			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 12-31-19.mtw
 Equation: $Q = 1.5696 \cdot A + 13.8003$
 RSD: 4.223 %
 Correlation coefficient: 0.999246



K3 = 0 K2 = 0 K1 = 1.5696 K0 = 13.8003

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	0.6561	16.98	1.5	20	26.38			Yes
3	1.298	33.08	3	20	26.38			Yes
4	2.651	66.84	6	20	26.38			Yes
5	6.794	168.3	15	20	26.38			Yes
6	14.79	373.1	30	20	26.38			Yes
7	19.4	473.9	37.5	20	26.38			Yes

IC-1 cal
12-31-2019

Report date: 1/2/2020 9:53:48 AM
Printed by: wet

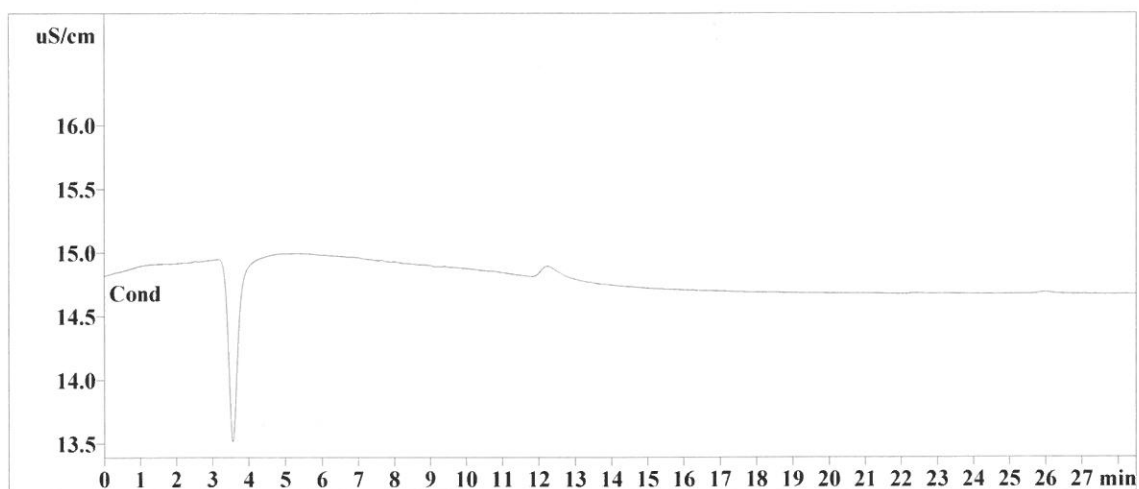
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File: _2019-12-31_

Last save: 1/2/2020 8:49:56 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69401

Last save: 12/31/2019 7:37:40 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: 1/2/2020 9:54:02 AM
Printed by: wet

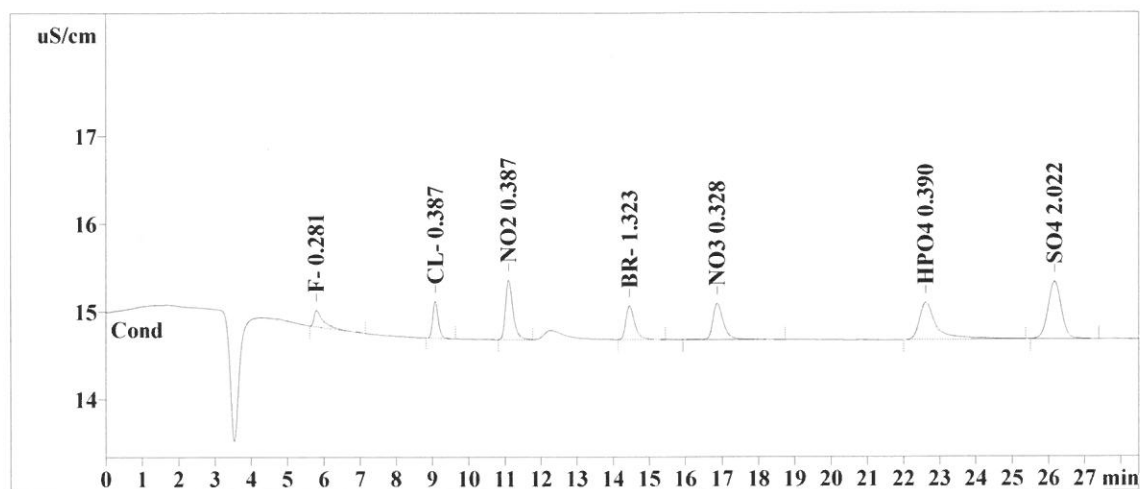
Ident: STD2
Analysis from: 12/31/2019 5:03:45 PM
File: _2019-12-31_

Last save: 1/2/2020 8:49:56 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69402

Last save: 12/31/2019 7:37:40 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	5.79	0.230	0.19	5.99	3.546	5.54	0.
2	9.08	0.161	0.42	13.19	4.504	7.04	0.
3	11.09	0.213	0.68	21.37	9.809	15.33	0.
4	14.46	0.252	0.38	12.16	6.604	10.32	0.
5	16.86	0.288	0.41	13.04	8.335	13.03	0.
6	22.62	0.414	0.42	13.42	14.208	22.21	0.
7	26.17	0.393	0.66	20.75	16.977	26.53	0.
7	28.50	0.279	3.16	99.93	63.984	100.00	0.

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Report date: 1/2/2020 9:54:09 AM
Printed by: wet

Ident: STD3
Analysis from: 12/31/2019 5:35:09 PM
File: _2019-12-31_

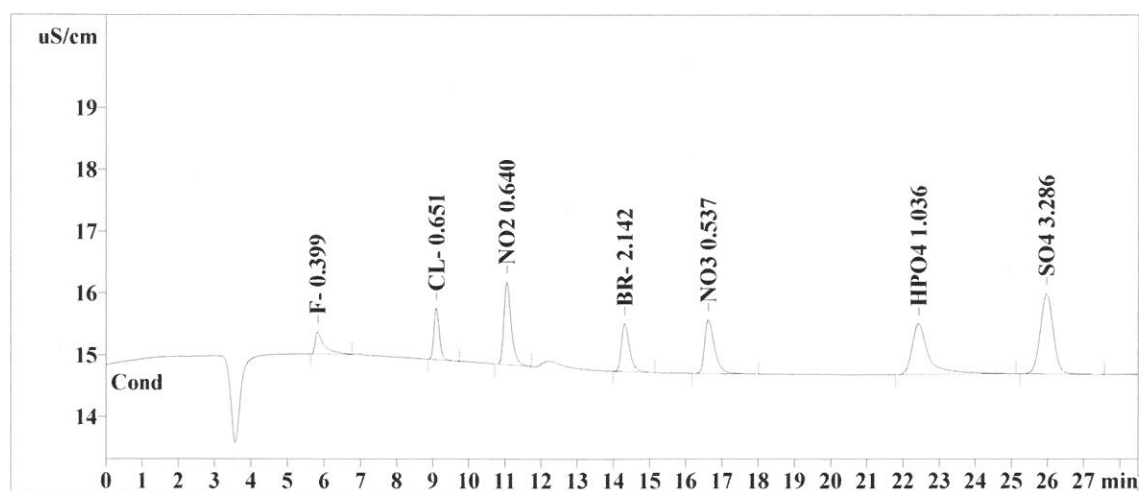
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Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69403

Last save: 12/31/2019 7:37:40 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	5.82	0.216	0.36	5.68	6.311	5.12	0.
2	9.09	0.159	0.83	13.18	8.847	7.17	0.
3	11.05	0.207	1.34	21.27	19.020	15.42	0.
4	14.31	0.239	0.77	12.29	12.443	10.09	0.
5	16.62	0.283	0.87	13.80	16.780	13.60	0.
6	22.42	0.414	0.82	13.08	26.867	21.78	0.
7	25.98	0.388	1.30	20.66	33.079	26.82	0.
7	28.50	0.272	6.28	99.95	123.346	100.00	0.

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Report date: 1/2/2020 9:54:16 AM
Printed by: wet

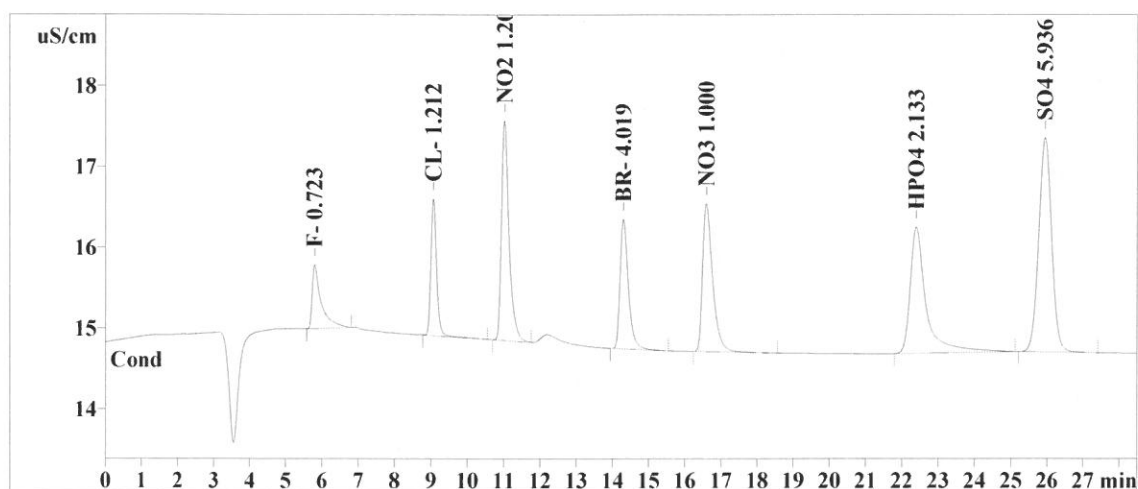
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Last save: 1/2/2020 8:49:58 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69404

Last save: 12/31/2019 7:37:40 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	5.79	0.219	0.79	6.13	13.951	5.63	0.
2	9.06	0.157	1.69	13.18	18.073	7.29	0.
3	11.01	0.209	2.72	21.16	39.456	15.91	0.
4	14.30	0.237	1.60	12.47	25.841	10.42	0.
5	16.59	0.283	1.83	14.25	35.435	14.29	0.
6	22.40	0.393	1.56	12.16	48.364	19.50	0.
7	25.94	0.385	2.65	20.65	66.843	26.96	0.
7	28.50	0.269	12.84	99.99	247.962	100.00	0.

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Report date: 1/2/2020 9:54:24 AM
Printed by: wet

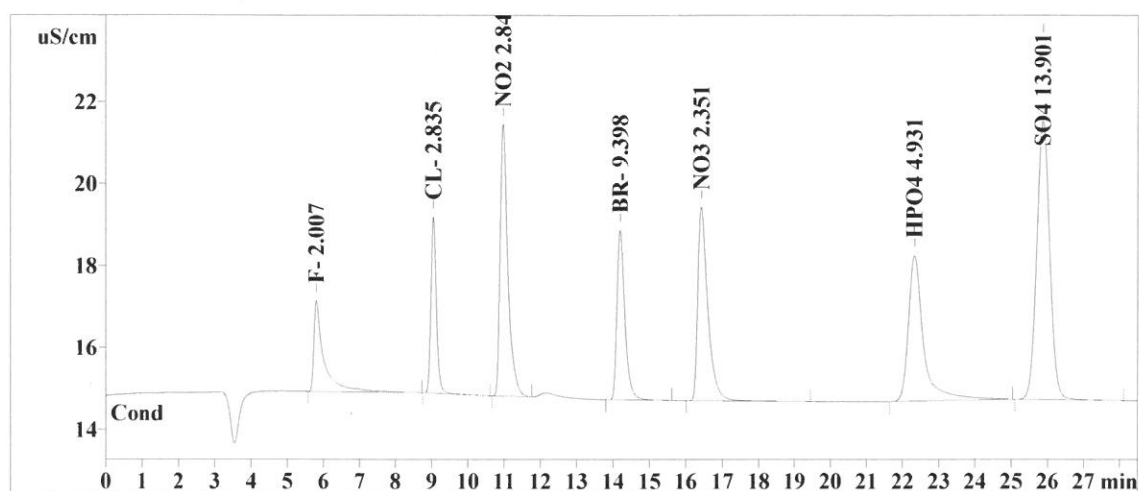
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File: _2019-12-31_

Last save: 1/2/2020 8:49:58 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69405

Last save: 12/31/2019 7:37:40 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	5.80	0.217	2.22	6.85	44.174	7.20	0.
2	9.05	0.154	4.30	13.29	44.777	7.30	0.
3	10.96	0.213	6.63	20.50	98.933	16.12	0.
4	14.19	0.229	4.13	12.78	64.217	10.47	0.
5	16.42	0.276	4.72	14.59	89.970	14.66	0.
6	22.32	0.378	3.55	10.99	103.200	16.82	0.
7	25.87	0.377	6.79	21.00	168.339	27.43	0.
7	28.50	0.263	32.34	100.00	613.610	100.00	0.

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Report date: 1/2/2020 9:54:32 AM
Printed by: wet

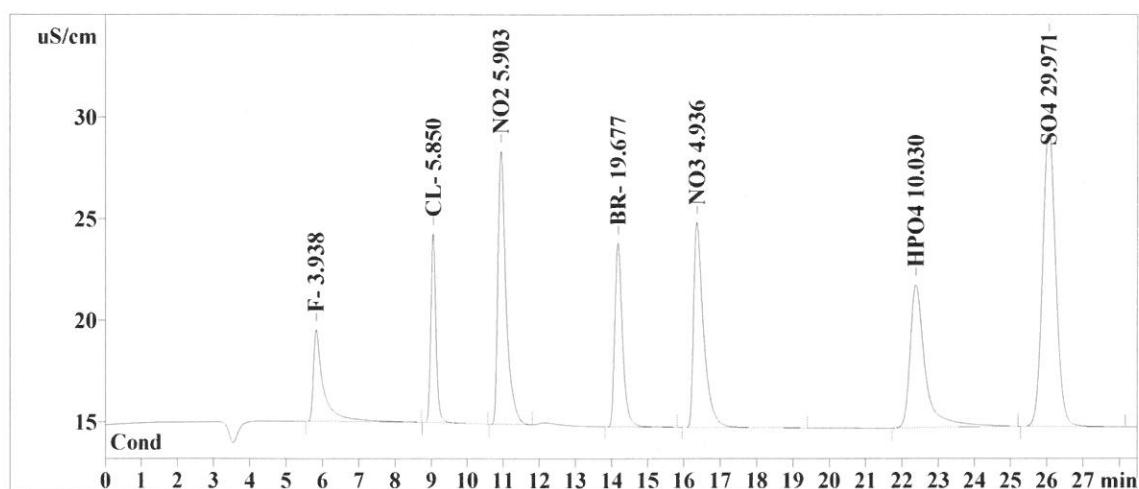
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File: _2019-12-31_

Last save: 1/2/2020 8:49:58 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69406

Last save: 12/31/2019 7:37:40 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	5.82	0.225	4.51	6.61	89.663	6.89	0.
2	9.05	0.151	9.27	13.60	94.397	7.25	0.
3	10.93	0.223	13.43	19.70	210.145	16.14	0.
4	14.17	0.224	9.05	13.27	137.552	10.56	0.
5	16.35	0.276	10.09	14.80	194.245	14.92	0.
6	22.38	0.379	7.03	10.32	203.149	15.60	0.
7	26.05	0.383	14.79	21.70	373.099	28.65	0.
7	28.50	0.266	68.16	100.00	1302.249	100.00	0.

This report has been created by IC Net
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Report date: 1/2/2020 9:54:40 AM
Printed by: wet

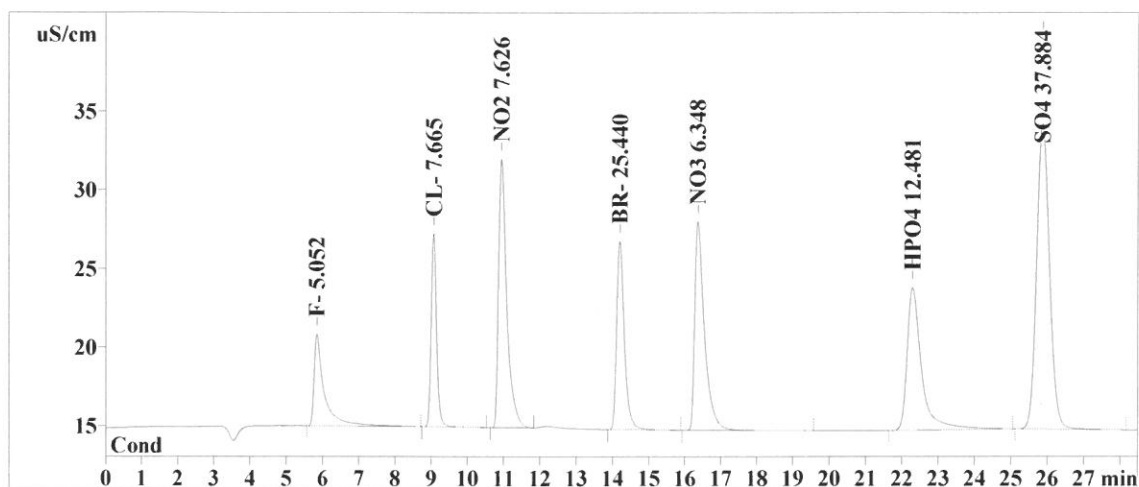
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File: _2019-12-31_

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Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69407

Last save: 12/31/2019 7:37:40 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	5.84	0.231	5.80	6.54	115.887	6.95	0.
2	9.07	0.150	12.25	13.80	124.277	7.45	0.
3	10.93	0.228	17.04	19.20	272.755	16.35	0.
4	14.20	0.220	11.97	13.48	178.674	10.71	0.
5	16.36	0.272	13.23	14.91	251.240	15.06	0.
6	22.29	0.368	9.06	10.21	251.174	15.06	0.
7	25.86	0.371	19.39	21.85	473.923	28.41	0.
7	28.50	0.263	88.75	100.00	1667.929	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/2/2020 9:54:47 AM
Printed by: wet

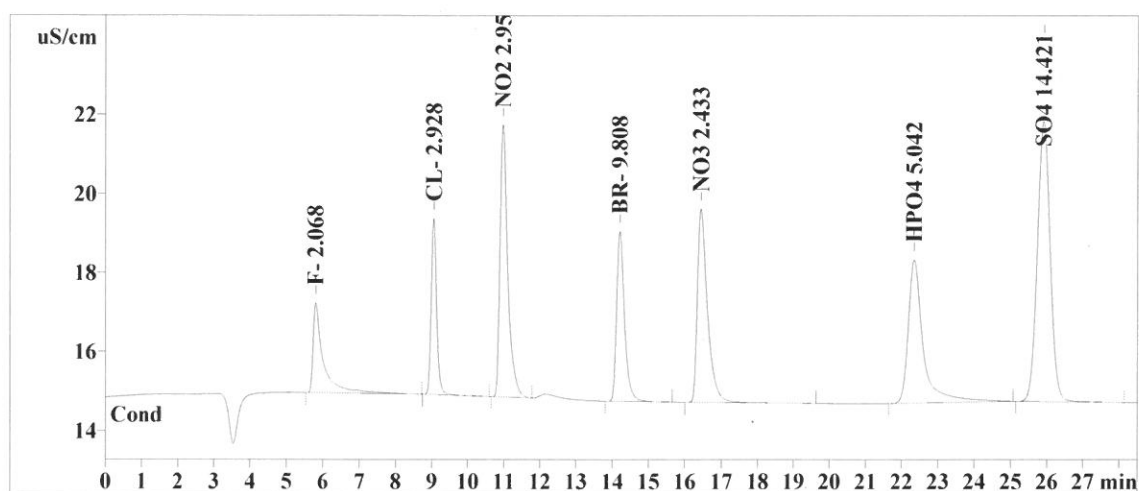
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Analysis from: 12/31/2019 8:12:11 PM
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Last save: 1/2/2020 8:51:12 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69408

Last save: 12/31/2019 7:37:40 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	5.80	0.220	2.27	6.79	45.625	7.18	0.
2	9.05	0.153	4.45	13.28	46.313	7.29	0.
3	10.96	0.213	6.89	20.55	102.919	16.19	0.
4	14.20	0.230	4.30	12.84	67.143	10.56	0.
5	16.43	0.276	4.89	14.58	93.274	14.67	0.
6	22.34	0.376	3.63	10.82	105.392	16.58	0.
7	25.90	0.376	7.08	21.14	174.960	27.53	0.
7	28.50	0.263	33.51	100.00	635.625	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/2/2020 9:54:55 AM
Printed by: wet

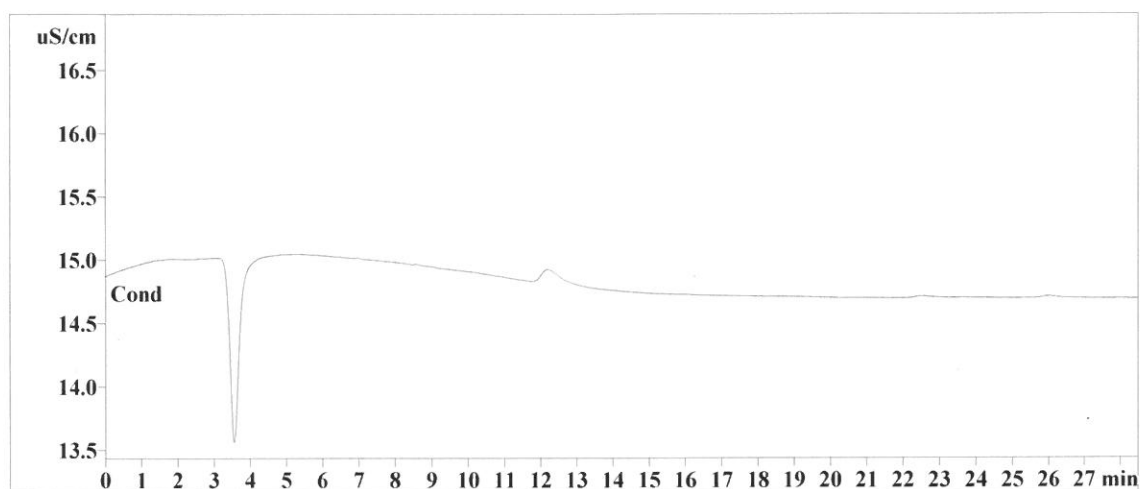
Ident: ICB
Analysis from: 12/31/2019 8:43:35 PM
File: _2019-12-31_

Last save: 1/2/2020 8:51:12 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69409

Last save: 12/31/2019 7:37:40 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: 1/16/2020 5:03:44 PM
 Printed by: wet

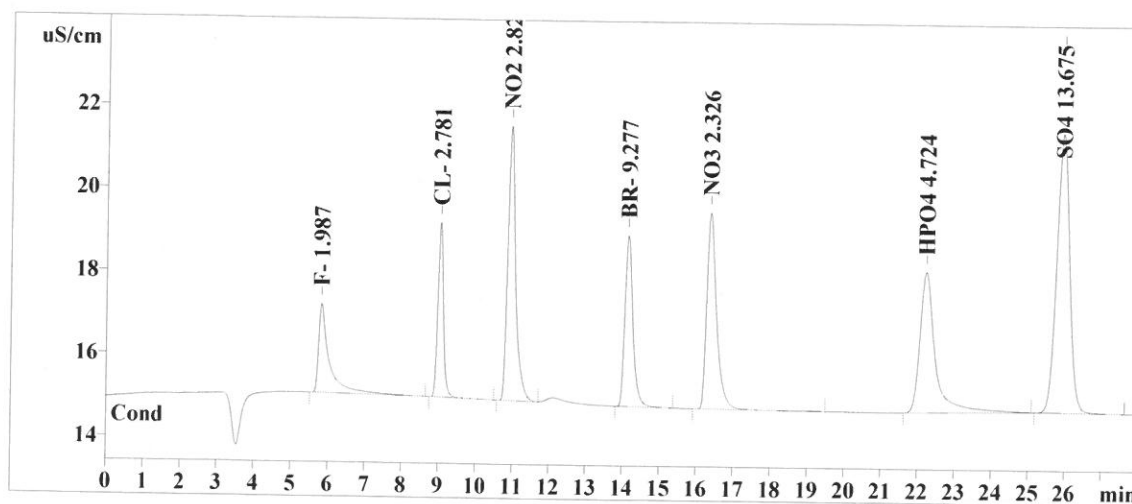
Ident: CCV
 Analysis from: 1/16/2020 2:03:24 PM
 File: _2020-01-16_

Last save: 1/16/2020 2:31:12 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69544

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 2
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.81	0.230	2.14	6.71	43.724	7.25	0.
2	9.03	0.155	4.20	13.18	43.892	7.28	0.
3	10.91	0.214	6.61	20.72	98.490	16.33	0.
4	14.14	0.228	4.12	12.91	63.354	10.51	0.
5	16.34	0.274	4.72	14.81	88.950	14.75	0.
6	22.21	0.379	3.38	10.61	99.145	16.44	0.
7	25.91	0.377	6.71	21.05	165.455	27.44	0.
7	28.00	0.265	31.88	100.00	603.011	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/16/2020 5:03:52 PM
Printed by: wet

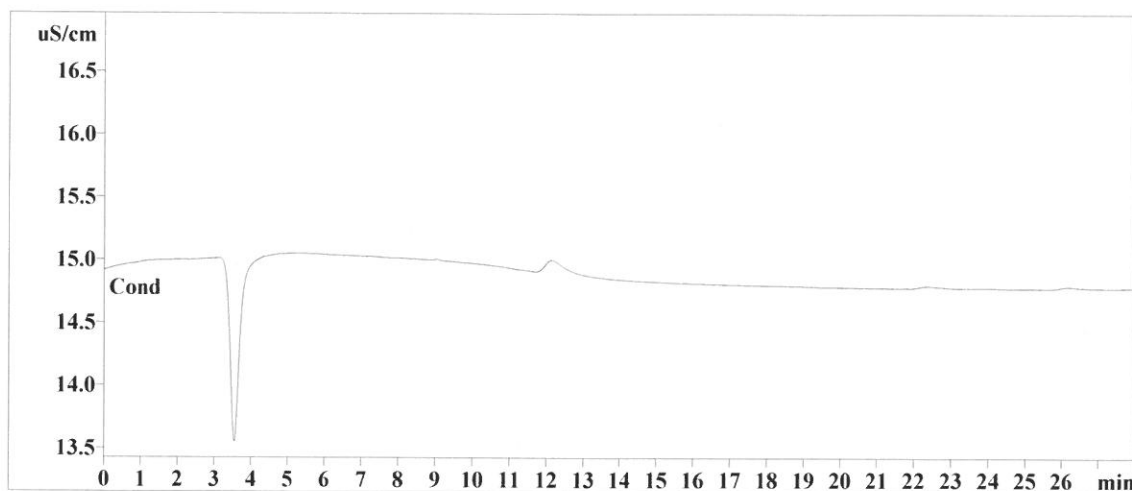
Ident: CCB
Analysis from: 1/16/2020 2:34:18 PM
File: _2020-01-16_

Last save: 1/16/2020 3:02:08 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69545

Last save: 1/2/2020 10:05:12 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 12:58:56 PM
Printed by: wet

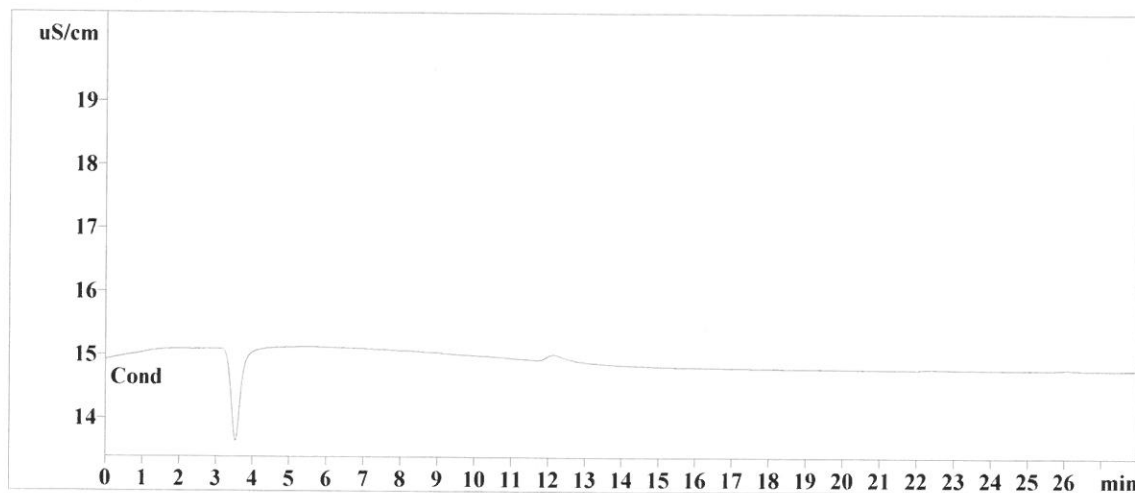
Ident: LB107214BLW
Analysis from: 1/16/2020 3:05:13 PM
File: _2020-01-16_

Last save: 1/17/2020 12:58:32 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69546

Last save: 1/2/2020 10:05:12 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 12:59:04 PM
 Printed by: wet

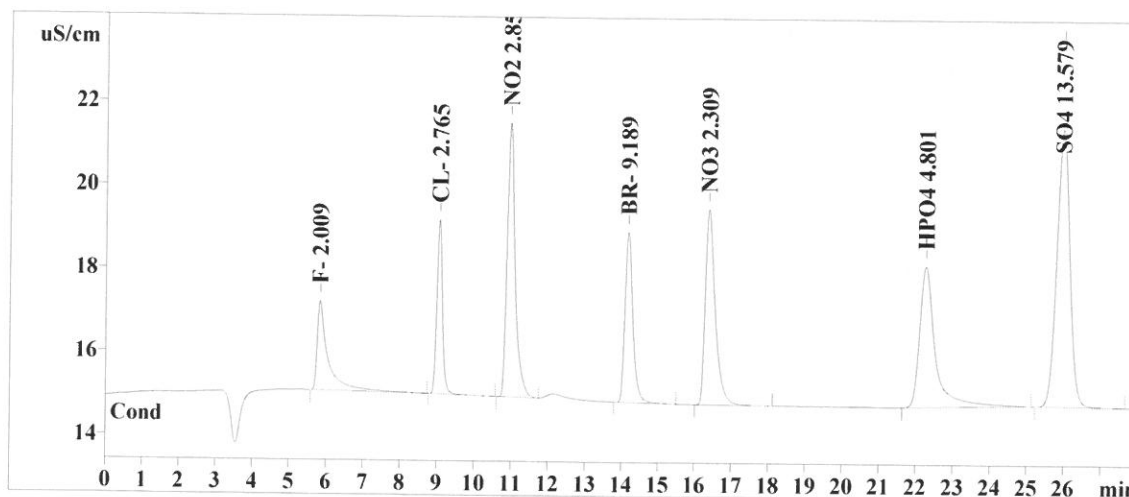
Ident: LB107214BSW
 Analysis from: 1/16/2020 3:36:07 PM
 File: _2020-01-16_

Last save: 1/17/2020 12:58:32 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69547

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 5
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.233	2.13	6.73	44.220	7.33	0.
2	9.05	0.155	4.17	13.18	43.626	7.23	0.
3	10.94	0.217	6.57	20.74	99.308	16.47	0.
4	14.16	0.227	4.09	12.90	62.726	10.40	0.
5	16.36	0.276	4.68	14.78	88.253	14.64	0.
6	22.26	0.383	3.37	10.64	100.655	16.69	0.
7	25.95	0.378	6.65	21.01	164.228	27.23	0.
7	28.00	0.267	31.66	100.00	603.015	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 12:59:15 PM
 Printed by: wet

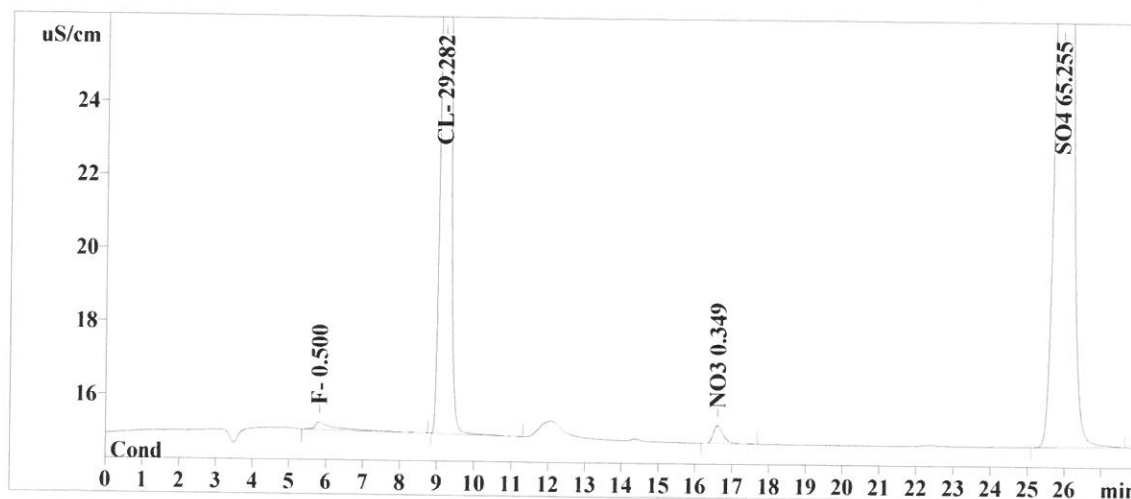
Ident: L1162-01
 Analysis from: 1/16/2020 5:08:52 PM
 File: _2020-01-16_

Last save: 1/16/2020 5:36:40 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69550

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 24
 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	0.373	0.21	0.31	8.687	0.66	0.
2	9.15	0.209	34.84	51.45	480.025	36.35	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	16.60	0.280	0.48	0.71	9.162	0.69	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.87	0.392	32.19	47.52	822.694	62.30	0.
7	28.00	0.179	67.72	100.00	1320.569	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 12:59:25 PM
 Printed by: wet

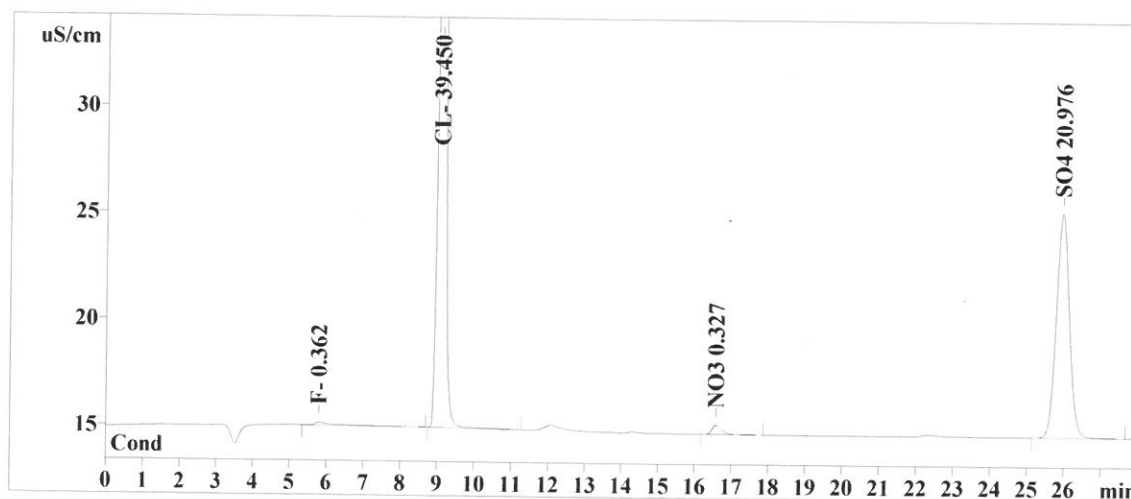
Ident: L1162-02
 Analysis from: 1/16/2020 5:39:47 PM
 File: _2020-01-16_

Last save: 1/16/2020 6:07:36 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69551

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 25
 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	0.333	0.14	0.20	5.458	0.59	0.
2	9.07	0.163	59.61	84.34	647.369	70.40	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	16.58	0.283	0.43	0.61	8.276	0.90	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.94	0.375	10.49	14.85	258.485	28.11	0.
7	28.00	0.165	70.68	100.00	919.587	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 12:59:36 PM
 Printed by: wet

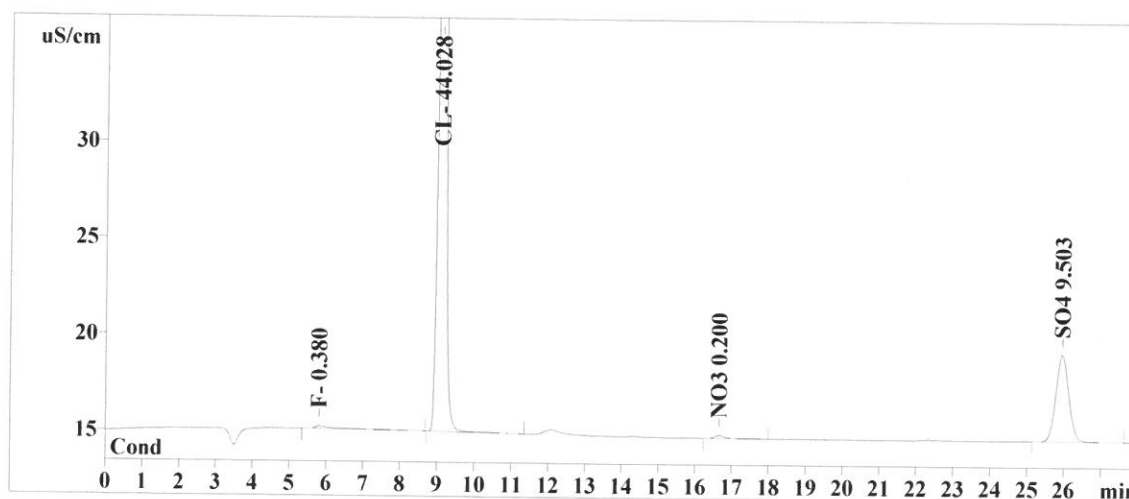
Ident: L1162-03
 Analysis from: 1/16/2020 6:10:41 PM
 File: _2020-01-16_

Last save: 1/16/2020 6:38:30 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69552

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 26
 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	0.320	0.14	0.20	5.871	0.70	0.
2	9.08	0.165	66.10	93.23	722.698	85.62	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	16.65	0.288	0.16	0.22	3.167	0.38	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.95	0.381	4.50	6.35	112.298	13.30	0.
7	28.00	0.165	70.91	100.00	844.035	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 12:59:50 PM
 Printed by: wet

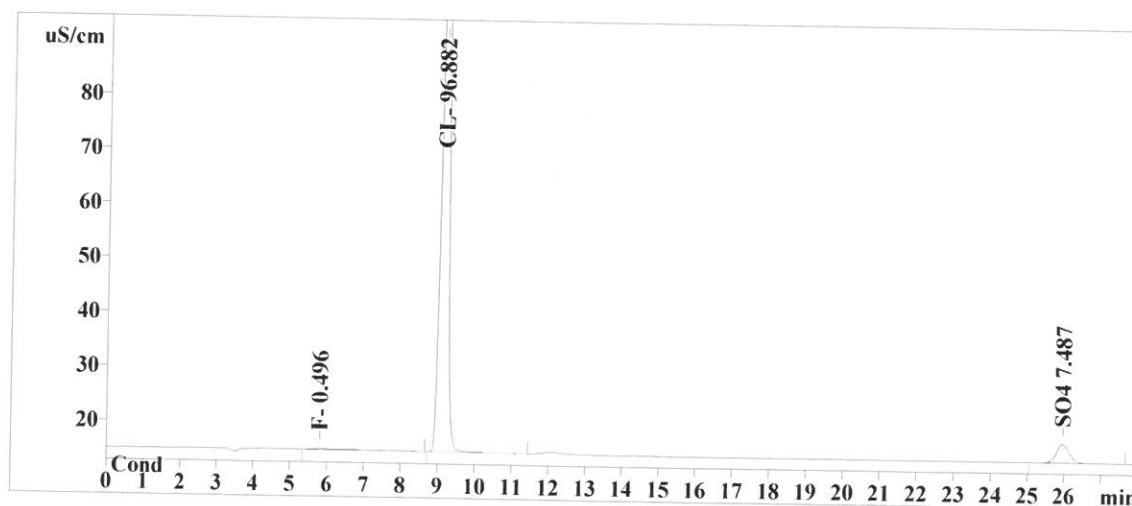
Ident: L1162-04
 Analysis from: 1/16/2020 6:41:36 PM
 File: _2020-01-16_

Last save: 1/16/2020 7:09:24 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69553

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 27
 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	0.361	0.21	0.16	8.614	0.51	0.
2	9.13	0.190	128.05	97.22	1592.527	94.36	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	25.97	0.383	3.45	2.62	86.613	5.13	0.
7	28.00	0.133	131.72	100.00	1687.754	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 1:00:00 PM
Printed by: wet

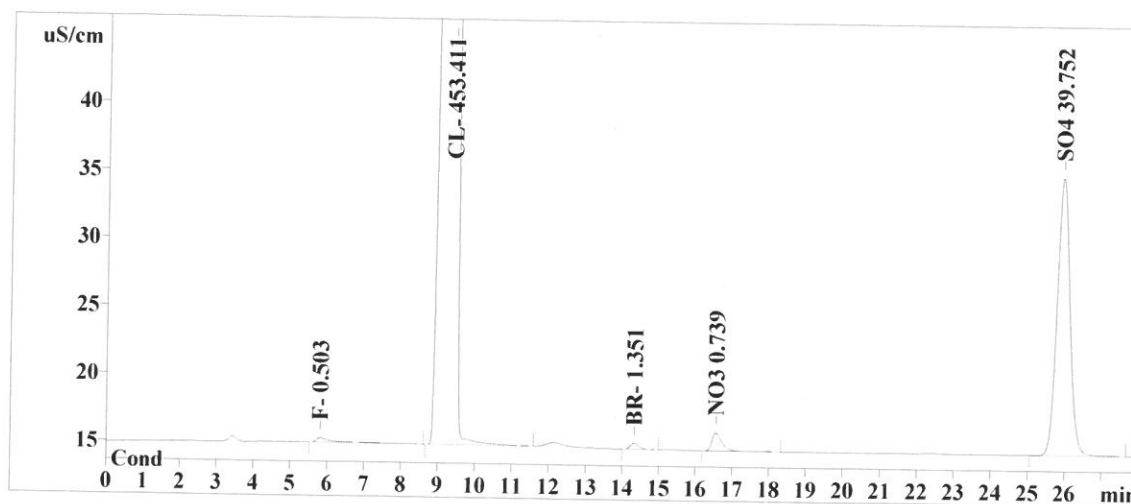
Ident: L1162-05
Analysis from: 1/16/2020 7:12:30 PM
File: _2020-01-16_

Last save: 1/16/2020 7:40:20 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69554

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
: AK/AP
Vial number: 28
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	0.299	0.31	0.08	8.773	0.11	0.
2	9.38	0.337	372.26	94.20	7459.959	93.27	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.32	0.236	0.43	0.11	6.799	0.09	0.
5	16.55	0.277	1.32	0.33	24.907	0.31	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.91	0.372	20.40	5.16	497.736	6.22	0.
7	28.00	0.217	394.72	99.89	7998.174	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 1:00:09 PM
 Printed by: wet

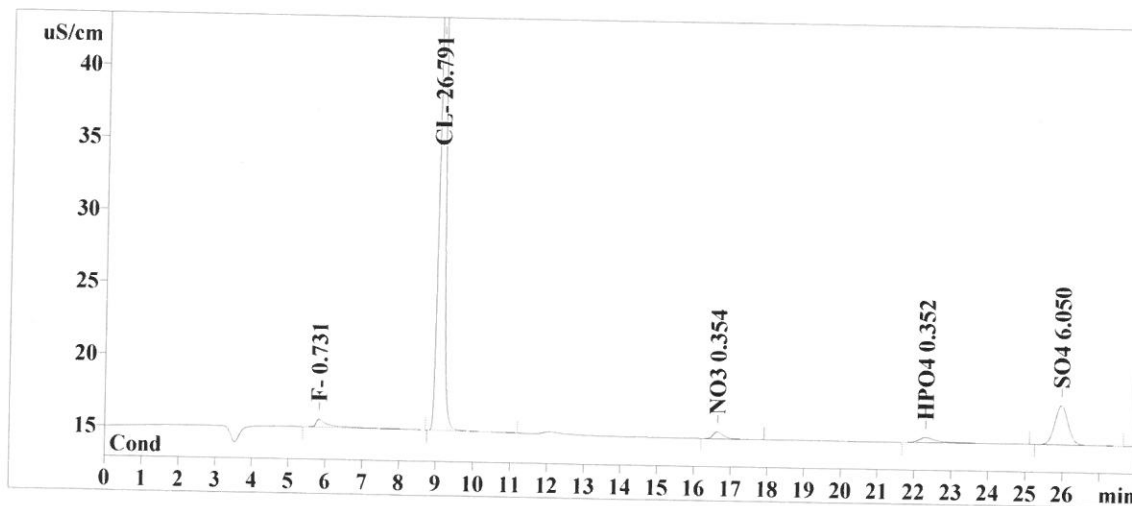
Ident: L1162-08
 Analysis from: 1/16/2020 7:43:25 PM
 File: _2020-01-16_

Last save: 1/16/2020 8:11:14 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69555

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 32
 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	0.251	0.54	1.14	14.134	2.60	0.
2	9.08	0.151	43.48	91.41	439.033	80.66	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	16.63	0.286	0.48	1.01	9.365	1.72	0.
6	22.31	0.453	0.35	0.74	13.460	2.47	0.
7	25.96	0.386	2.71	5.70	68.297	12.55	0.
7	28.00	0.218	47.56	100.00	544.289	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 1:00:17 PM
 Printed by: wet

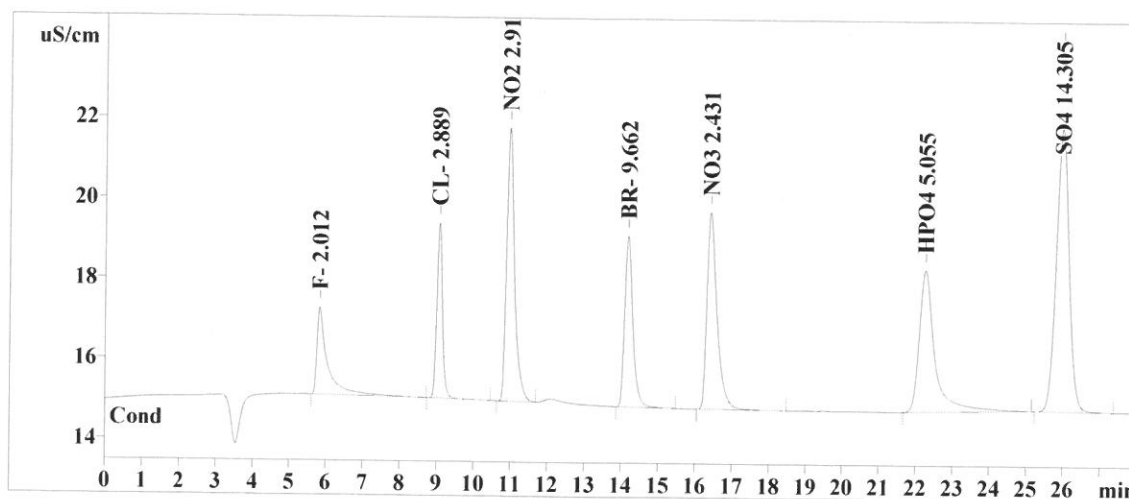
Ident: CCV
 Analysis from: 1/16/2020 8:14:20 PM
 File: _2020-01-16_

Last save: 1/16/2020 8:42:08 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69556

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 2
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.229	2.16	6.54	44.308	7.04	0.
2	9.05	0.155	4.36	13.21	45.667	7.25	0.
3	10.95	0.216	6.80	20.58	101.436	16.11	0.
4	14.16	0.230	4.25	12.86	66.097	10.49	0.
5	16.39	0.278	4.89	14.80	93.183	14.80	0.
6	22.25	0.384	3.52	10.66	105.646	16.77	0.
7	25.95	0.377	7.04	21.32	173.480	27.54	0.
7	28.00	0.267	33.02	99.99	629.818	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 1:00:25 PM
Printed by: wet

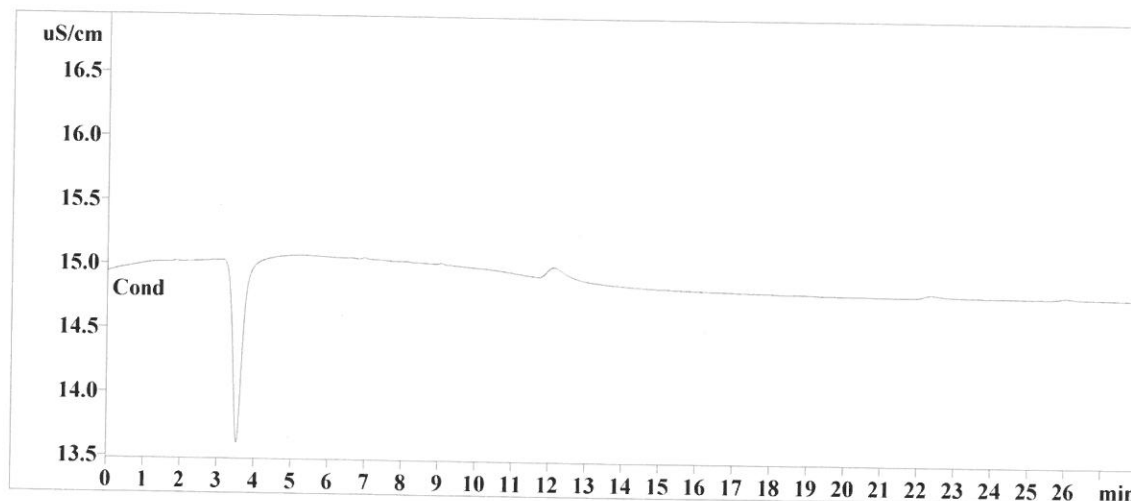
Ident: CCB
Analysis from: 1/16/2020 8:45:14 PM
File: _2020-01-16_

Last save: 1/16/2020 9:13:04 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69557

Last save: 1/2/2020 10:05:12 AM

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: 1/17/2020 1:00:37 PM
 Printed by: wet

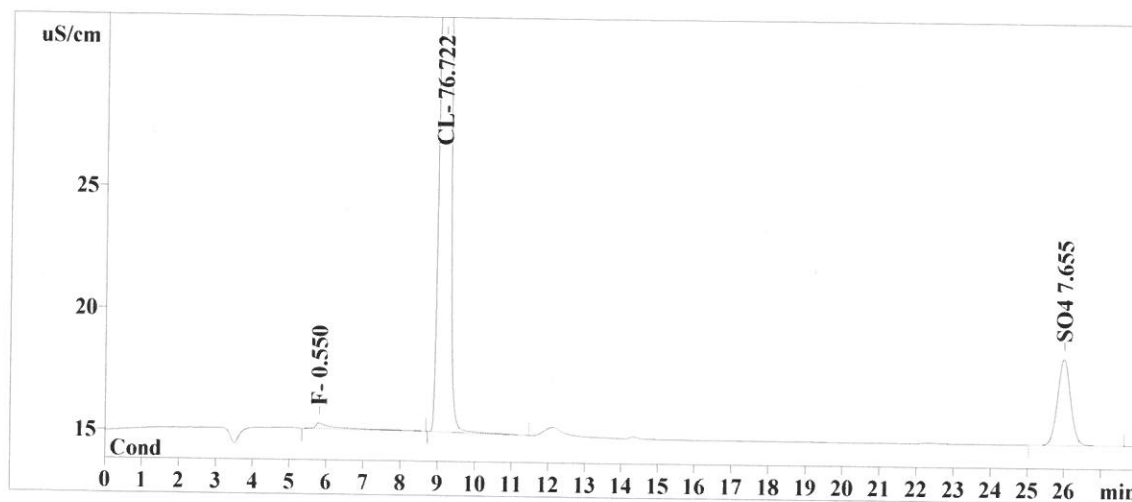
Ident: L1162-09
 Analysis from: 1/16/2020 9:16:09 PM
 File: _2020-01-16_

Last save: 1/16/2020 9:43:58 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69558

Last save: 1/2/2020 10:05:12 AM

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	5.80	0.340	0.24	0.22	9.878	0.73	0.
2	9.12	0.183	105.10	96.56	1260.751	92.74	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	25.99	0.384	3.53	3.24	88.752	6.53	0.
7	28.00	0.130	108.86	100.02	1359.381	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 1:00:47 PM
Printed by: wet

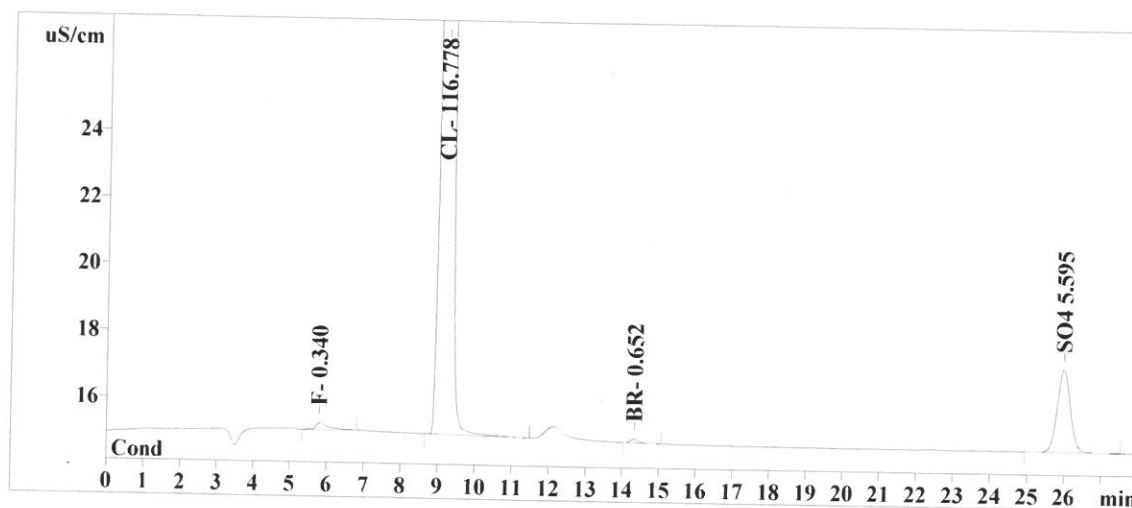
Ident: L1162-10
Analysis from: 1/16/2020 9:47:03 PM
File: _2020-01-16_

Last save: 1/16/2020 10:14:52 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69559

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
: AK/AP
Vial number: 34
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	0.310	0.20	0.13	4.923	0.25	0.
2	9.16	0.195	151.46	98.19	1919.957	96.52	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.33	0.243	0.11	0.07	1.818	0.09	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	25.97	0.386	2.48	1.61	62.504	3.14	0.
7	28.00	0.162	154.25	99.99	1989.202	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 1:00:56 PM
Printed by: wet

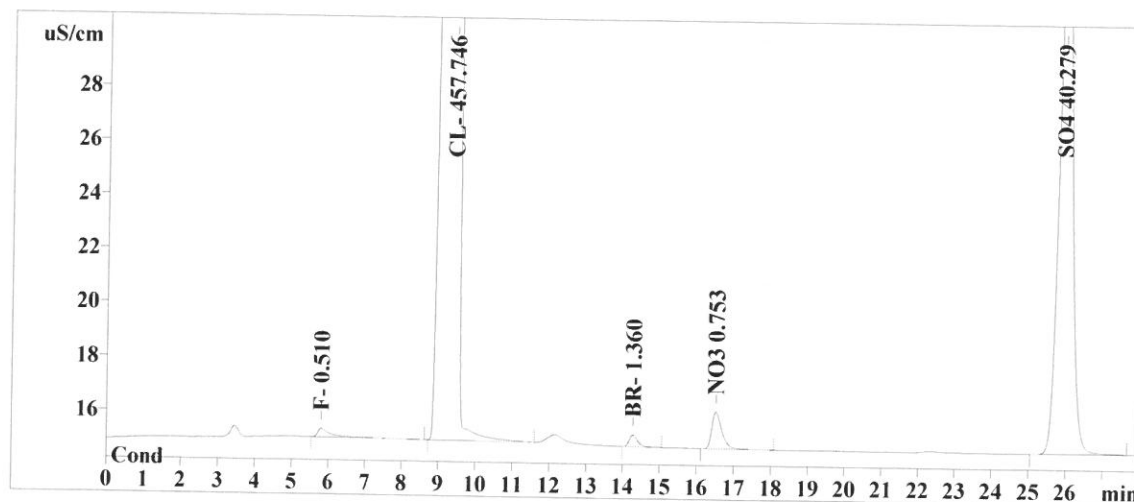
Ident: L1162-05DUP
Analysis from: 1/16/2020 10:17:58 PM
File: _2020-01-16_

Last save: 1/16/2020 10:45:46 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69560

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
: AK/AP
Vial number: 29
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	0.299	0.32	0.08	8.927	0.11	0.
2	9.39	0.339	374.33	94.20	7531.300	93.24	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.28	0.234	0.44	0.11	6.867	0.09	0.
5	16.50	0.276	1.36	0.34	25.483	0.32	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.91	0.372	20.66	5.20	504.448	6.25	0.
7	28.00	0.217	397.11	99.93	8077.024	100.00	0.

This report has been created by IC Net
METROHM LTD

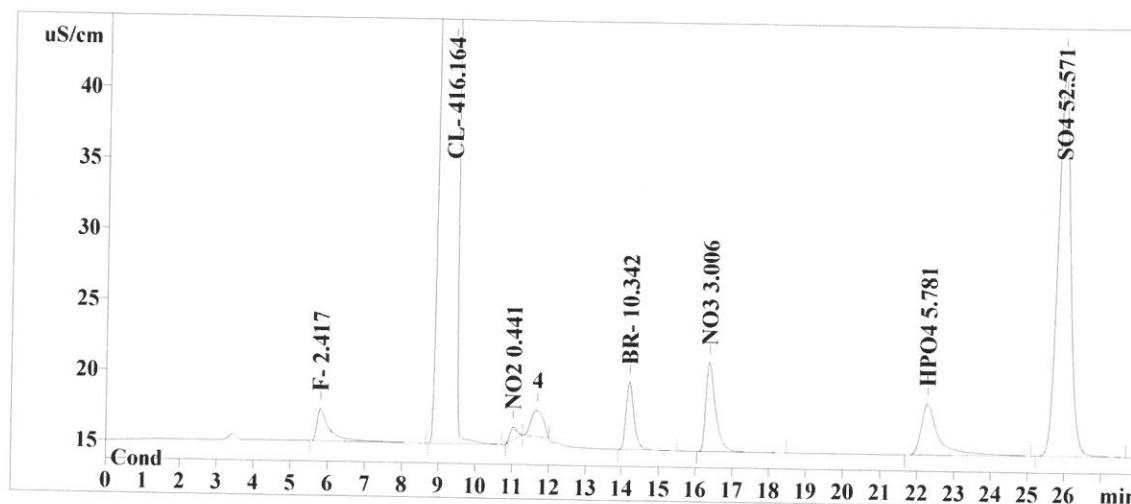
Report date: 1/17/2020 1:01:21 PM
 Printed by: wet
 Ident: L1162-06MS
 Analysis from: 1/16/2020 10:48:52 PM
 File: _2020-01-16_

Last save: 1/17/2020 1:01:22 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69561

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 30
 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	0.278	2.27	0.56	53.842	0.68	0.
2	9.34	0.321	357.60	88.44	6846.967	86.41	0.
3	11.02	0.205	0.92	0.23	11.785	0.15	0.
4	14.19	0.222	4.75	1.18	70.951	0.90	0.
5	16.36	0.270	6.28	1.55	116.382	1.47	0.
6	22.26	0.405	3.60	0.89	119.872	1.51	0.
7	25.90	0.374	26.96	6.67	661.072	8.34	0.
7	28.00	0.297	402.39	99.52	7880.872	99.46	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 1:01:40 PM
 Printed by: wet

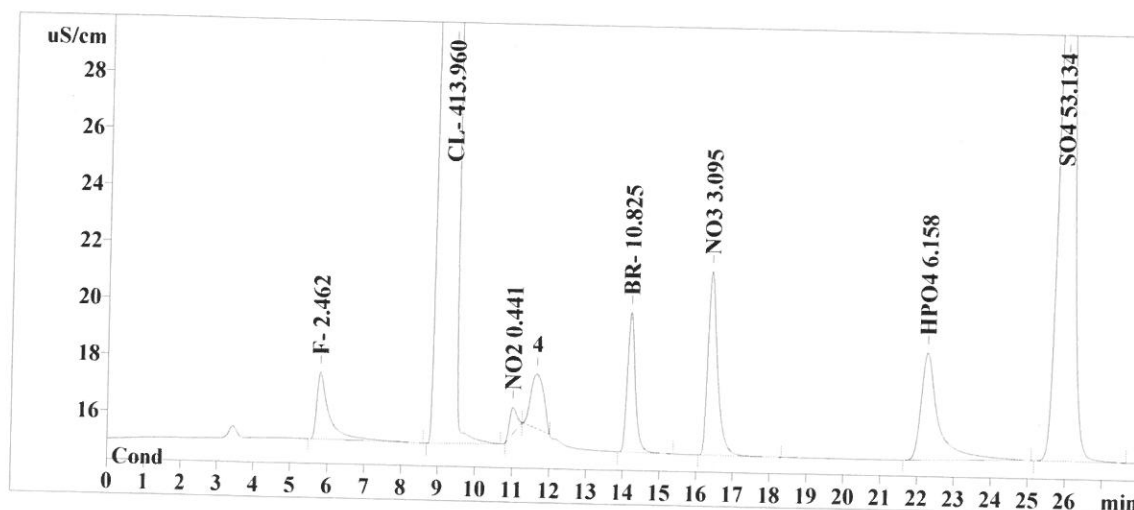
Ident: L1162-07MSD
 Analysis from: 1/16/2020 11:19:47 PM
 File: _2020-01-16_

Last save: 1/17/2020 1:01:36 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69562

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
 : AK/AP
 Vial number: 31
 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	0.276	2.35	0.58	54.904	0.69	0.
2	9.32	0.320	357.25	88.18	6810.704	86.06	0.
3	11.00	0.203	0.93	0.23	11.780	0.15	0.
4	14.17	0.224	4.93	1.22	74.396	0.94	0.
5	16.36	0.270	6.47	1.60	119.963	1.52	0.
6	22.25	0.408	3.79	0.93	127.252	1.61	0.
7	25.89	0.375	27.23	6.72	668.247	8.44	0.
7	28.00	0.296	402.95	99.46	7867.247	99.41	0.

This report has been created by IC Net
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Report date: 1/17/2020 1:01:48 PM
Printed by: wet

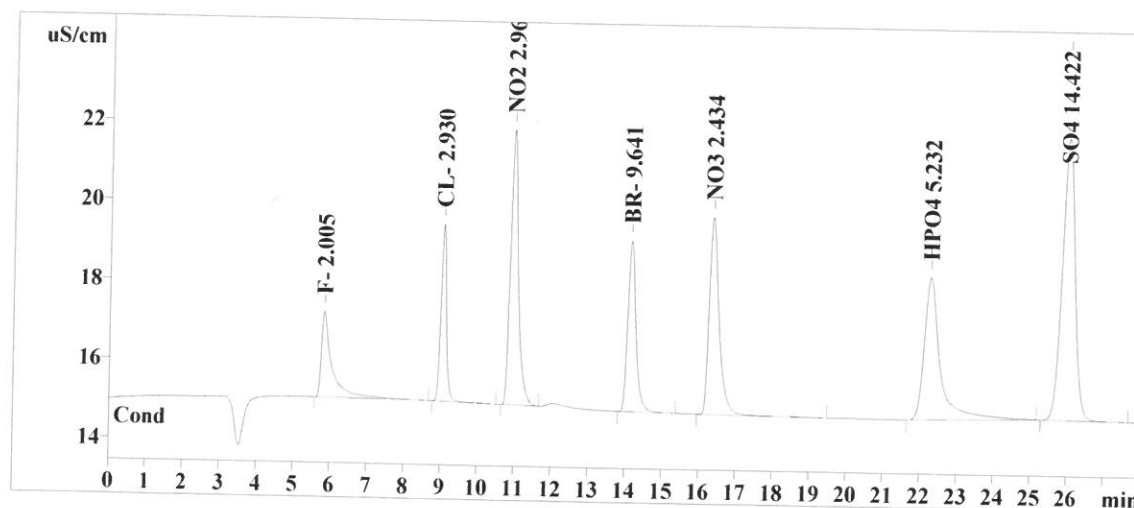
Ident: CCV
Analysis from: 1/16/2020 11:50:41 PM
File: _2020-01-16_

Last save: 1/17/2020 12:18:30 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69563

Last save: 1/2/2020 10:05:12 AM

SAMPLE:
:
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	5.82	0.232	2.15	6.43	44.146	6.93	0.
2	9.04	0.155	4.44	13.28	46.341	7.27	0.
3	10.92	0.218	6.90	20.68	103.462	16.23	0.
4	14.12	0.227	4.29	12.85	65.952	10.35	0.
5	16.33	0.273	4.95	14.83	93.322	14.64	0.
6	22.26	0.388	3.57	10.70	109.104	17.12	0.
7	25.99	0.378	7.09	21.23	174.978	27.46	0.
7	28.00	0.267	33.39	100.00	637.305	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 1:02:09 PM
Printed by: wet

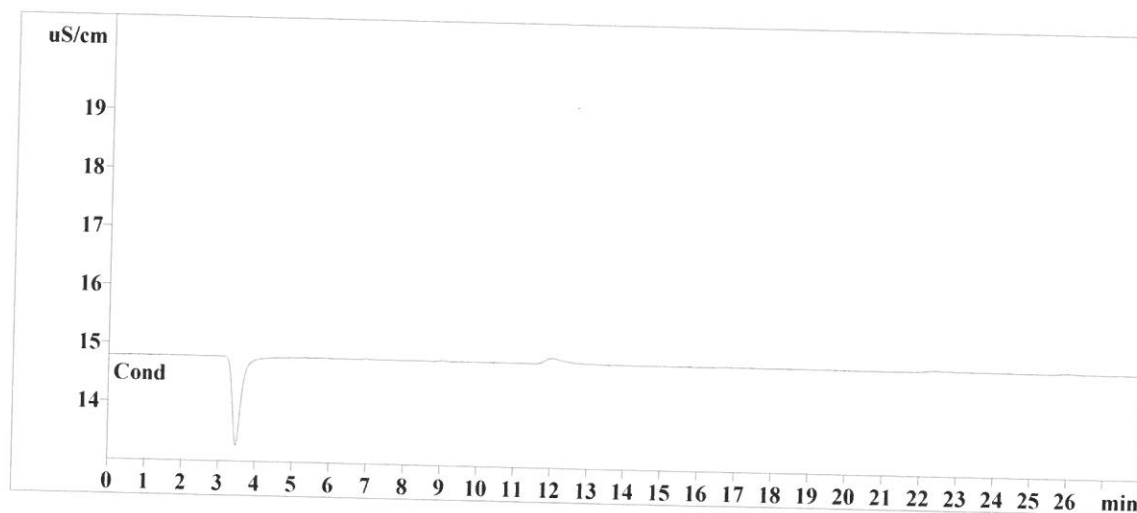
Ident: CCB
Analysis from: 1/17/2020 12:21:36 AM
File: _2020-01-17_

Last save: 1/17/2020 12:49:24 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69564

Last save: 1/2/2020 10:05:12 AM

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



Quantitation method: Custom

No peaks

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