

Clear table

IC-4 300.0

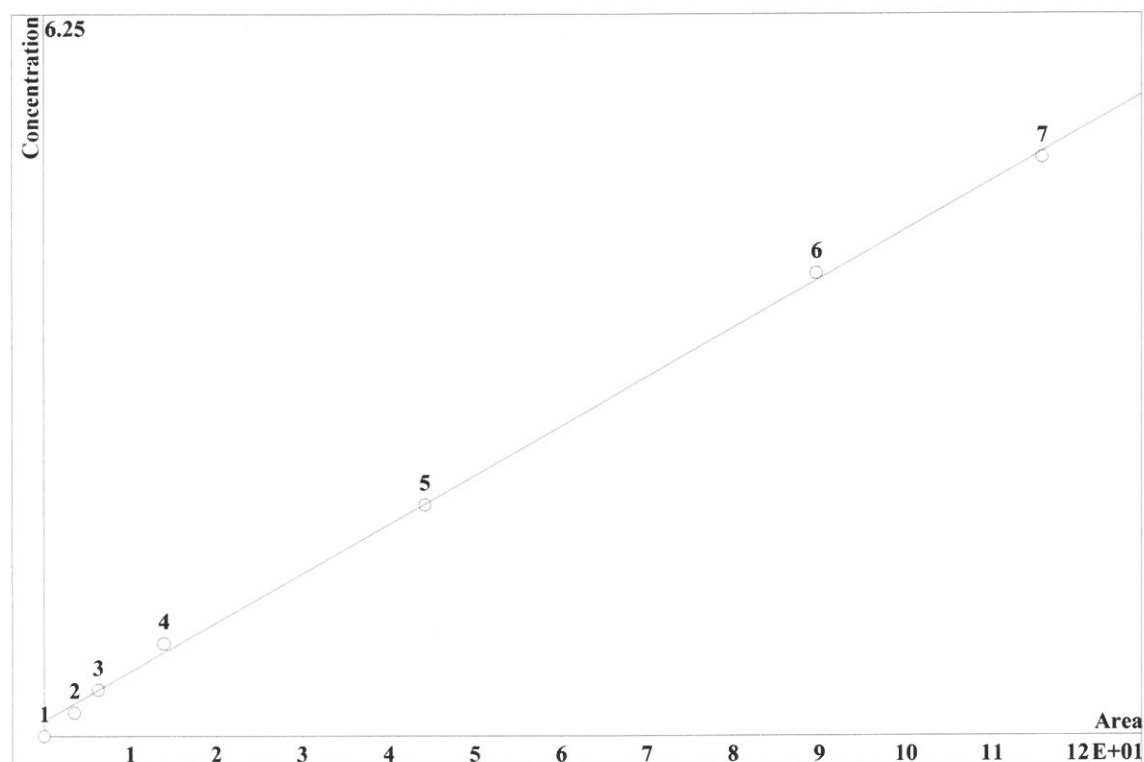
01-20-20 AK

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	2.1240	2.8540	2.8570	9.5920	2.4030	4.9220	14.3080	2020-01-17_	1/17/20 9:40		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-17_	1/17/20 10:16		AK/AP
LB107240BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-17_	1/17/20 10:46		AK/AP
LB107240BSW	2.0650	2.9310	2.8950	9.6320	2.4150	5.0770	14.3890	2020-01-17_	1/17/20 11:17		AK/AP
L1174-01	0.0000	0.0000	0.0000	0.0000	0.2480	0.0000	0.0000	2020-01-17_	1/17/20 12:00		AK/AP
L1174-01DUP	0.0000	0.0000	0.0000	0.0000	0.2430	0.0000	0.0000	2020-01-17_	1/17/20 12:31		AK/AP
L1174-01MS	1.9950	2.9000	2.9010	9.5110	2.5200	4.8130	14.0830	2020-01-17_	1/17/20 13:02		AK/AP
L1174-01MSD	1.9220	2.8060	2.7710	9.0630	2.4220	4.5310	13.4850	2020-01-17_	1/17/20 13:33		AK/AP
CCV	2.0960	2.9620	2.9890	9.8900	2.4900	5.0750	14.4220	2020-01-17_	1/17/20 14:06		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-17_	1/17/20 14:39		AK/AP
L1184-01	0.7710	26.9870	0.0000	0.0000	0.3600	0.3030	6.0810	2020-01-17_	1/17/20 15:10		AK/AP
L1184-02	0.5100	76.0240	0.0000	0.0000	0.0000	0.0000	11.0110	2020-01-17_	1/17/20 15:41		AK/AP
L1184-03	0.4830	29.3270	0.0000	0.0000	0.3480	0.0000	62.4830	2020-01-17_	1/17/20 16:12		AK/AP
L1184-04	0.4920	91.8740	0.0000	0.0000	0.0000	0.0000	7.6280	2020-01-17_	1/17/20 16:43		AK/AP
L1184-05	0.4620	116.2130	0.0000	0.0000	0.0000	0.0000	5.5600	2020-01-17_	1/17/20 17:13		AK/AP
L1184-06	0.2680	38.8980	0.0000	0.0000	0.3380	0.0000	21.1380	2020-01-17_	1/17/20 17:44		AK/AP
L1184-07	0.6080	32.6800	0.0000	0.0000	0.4340	0.0000	6.7760	2020-01-17_	1/17/20 18:15		AK/AP
L1184-08	0.7900	24.4760	0.0000	0.0000	0.3190	0.1800	6.2190	2020-01-17_	1/17/20 18:46		AK/AP
CCV	2.0130	2.9640	2.9280	9.8300	2.4580	4.9870	14.7460	2020-01-17_	1/17/20 19:17		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-17_	1/17/20 19:48		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



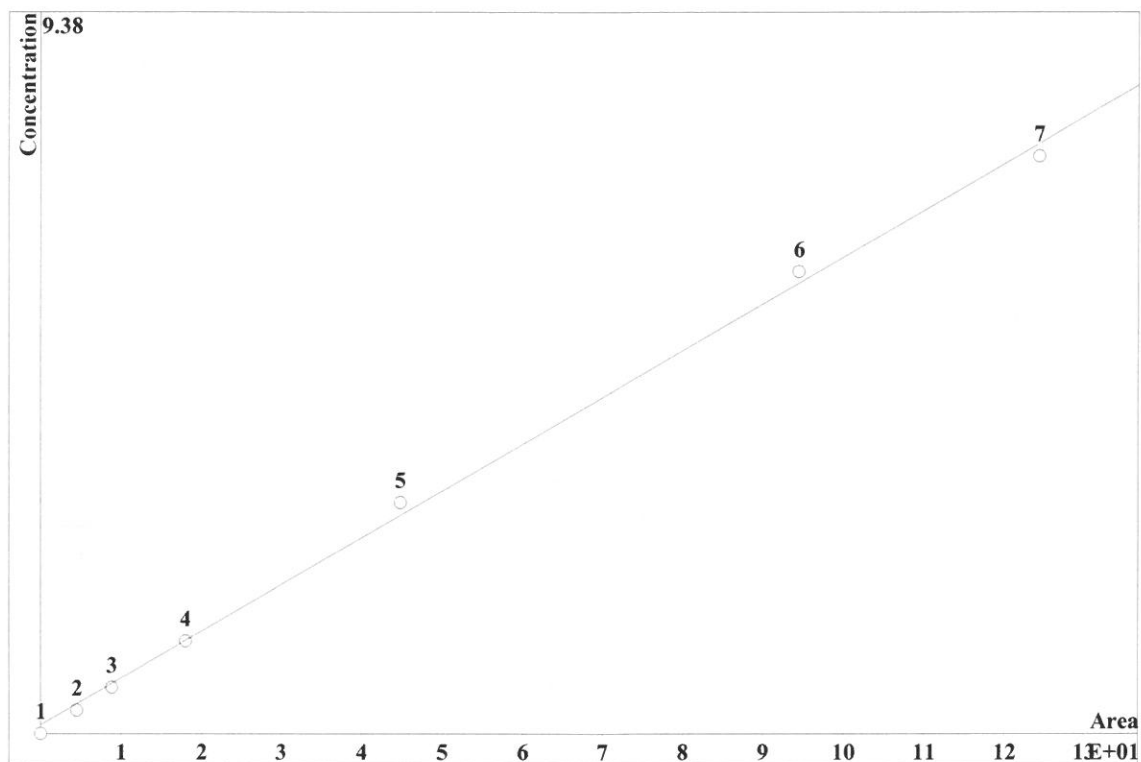
K3 = 0 K2 = 0 K1 = 0.849336 K0 = 2.61321

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:

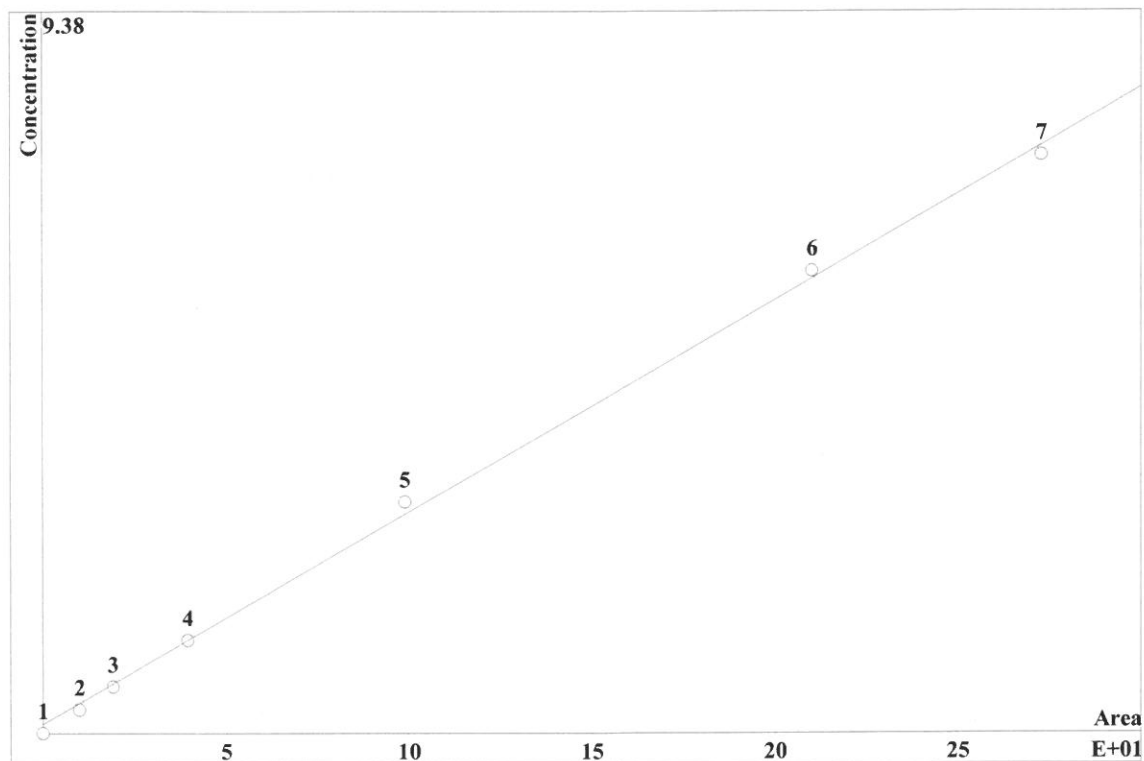
Formula: Linear

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

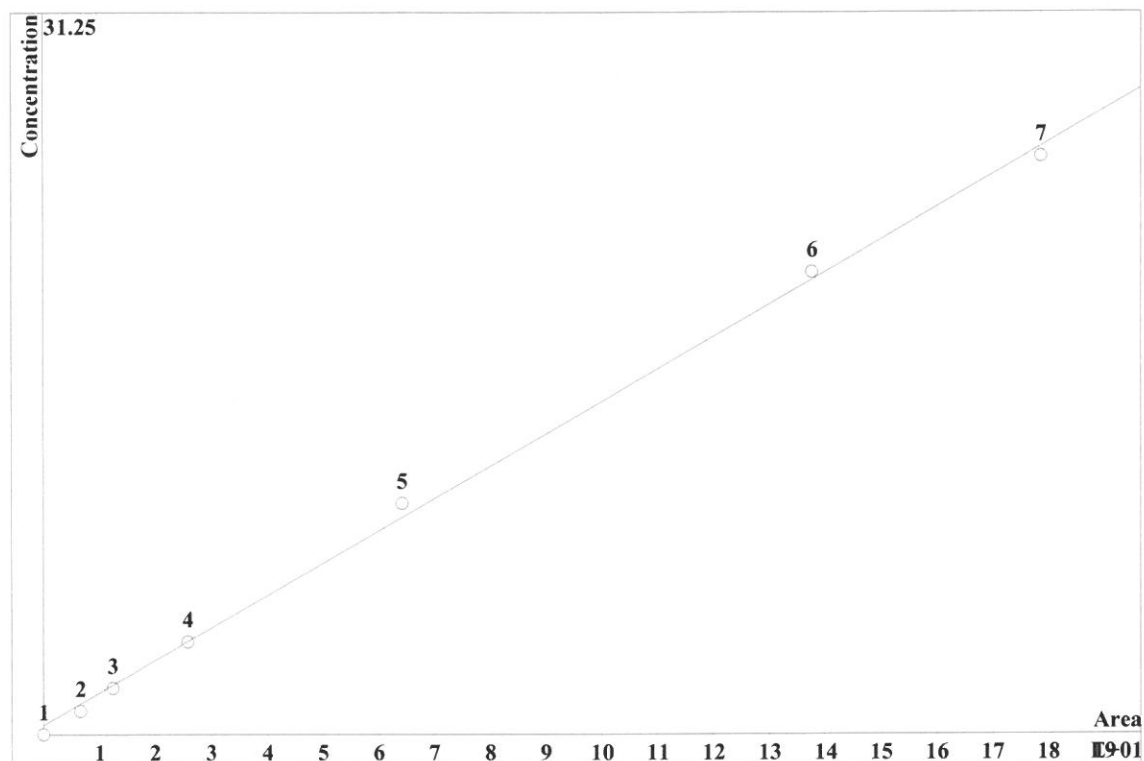


K3 = 0 K2 = 0 K1 = 0.550657 K0 = 2.33469
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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



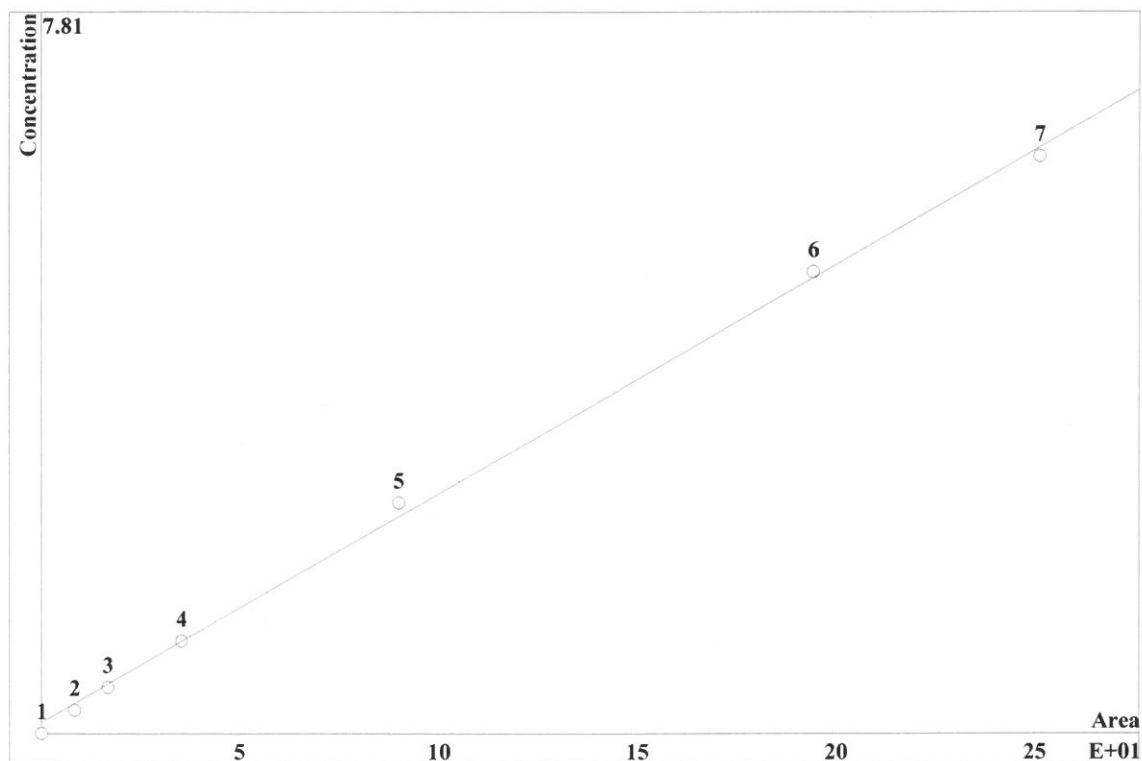
K3 = 0 K2 = 0 K1 = 2.80317 K0 = 7.95413

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

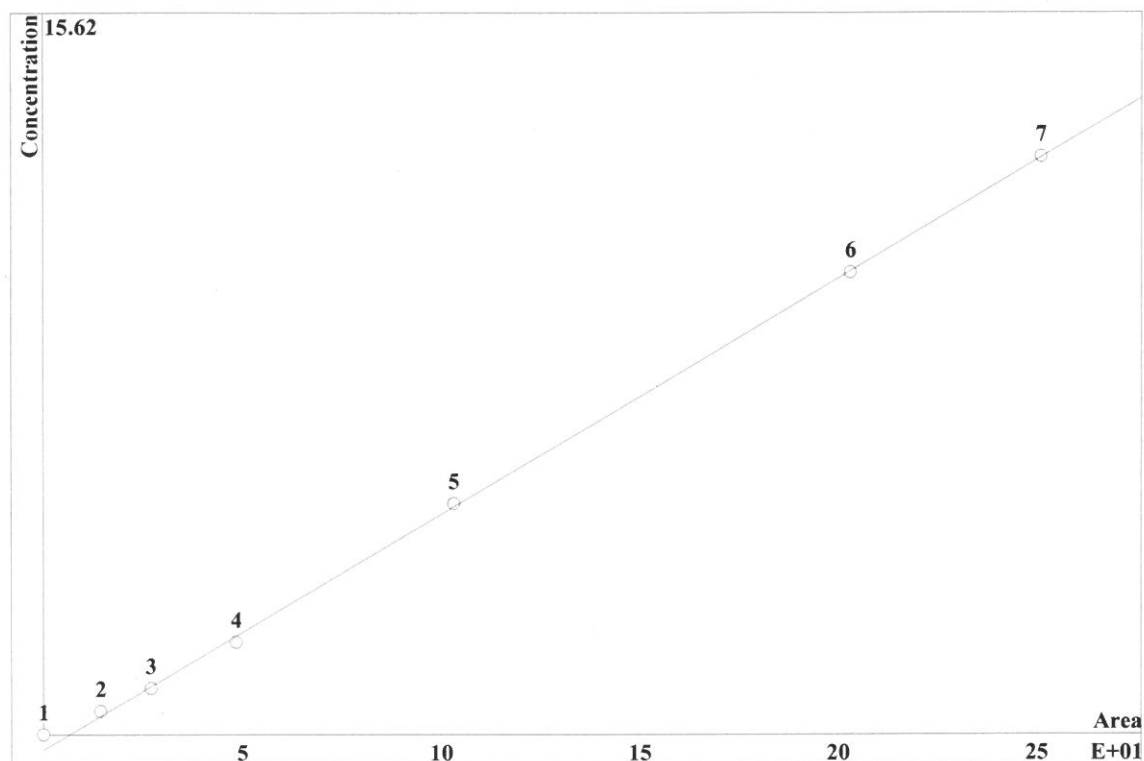
Weight: 1

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		Yes
3	0.8668	16.78	0.5	20	16.36	Yes		Yes
4	1.83	35.43	1	20	16.36	Yes		Yes
5	4.718	89.97	2.5	20	16.36	Yes		Yes
6	10.09	194.2	5	20	16.36	Yes		Yes
7	13.23	251.2	6.25	20	16.36	Yes		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

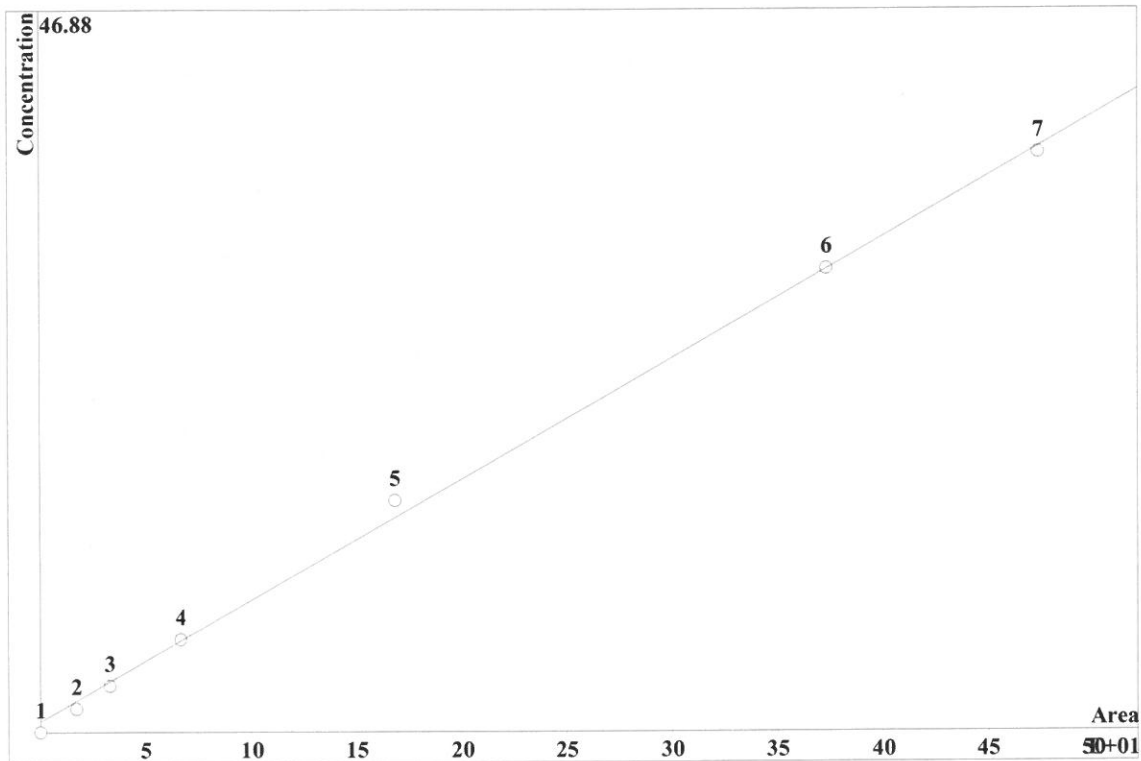


K3 = 0 K2 = 0 K1 = 1.02048 K0 = -6.70236
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

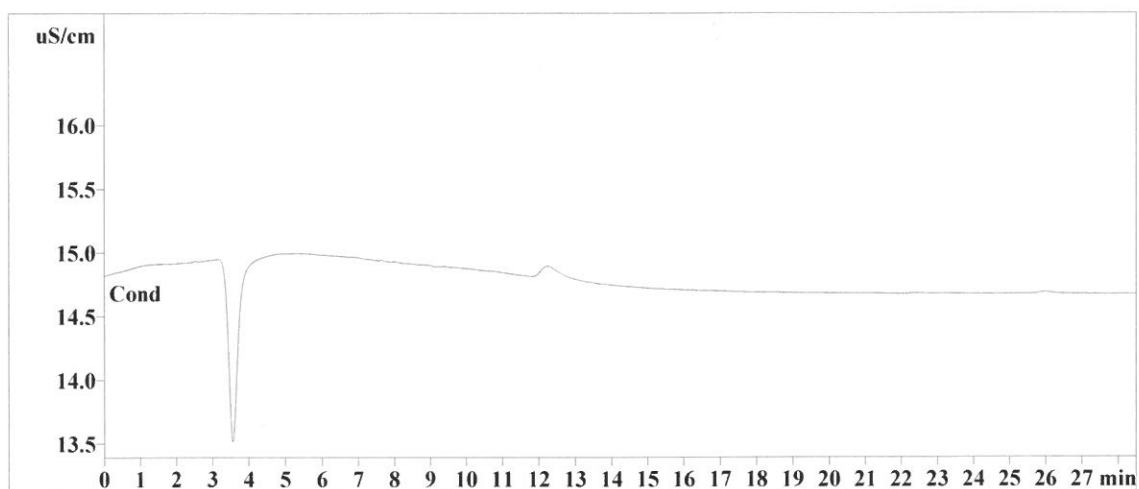
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Analysis from: 12/31/2019 4:32:20 PM
File: _2019-12-31_

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

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

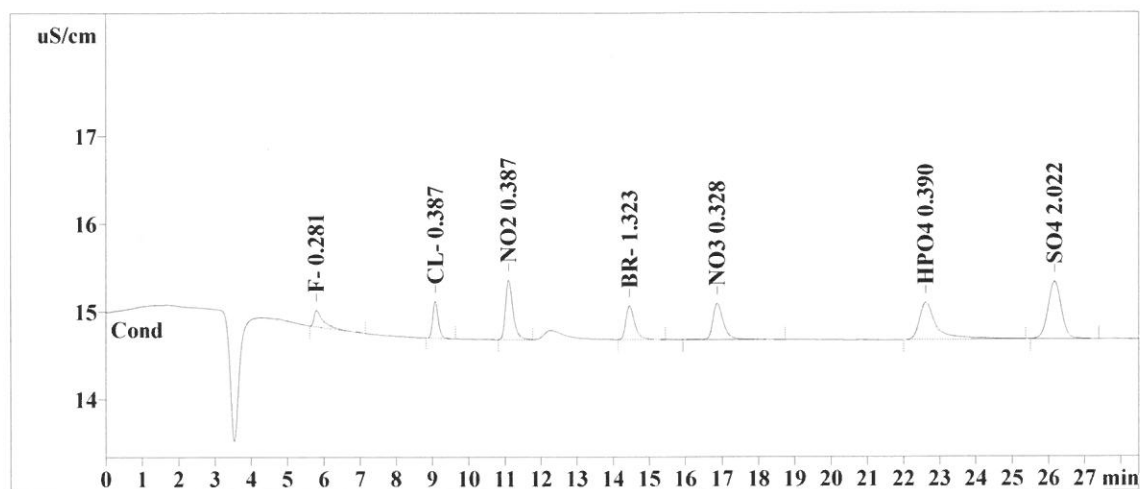
Ident: STD2
Analysis from: 12/31/2019 5:03:45 PM
File: _2019-12-31_

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_

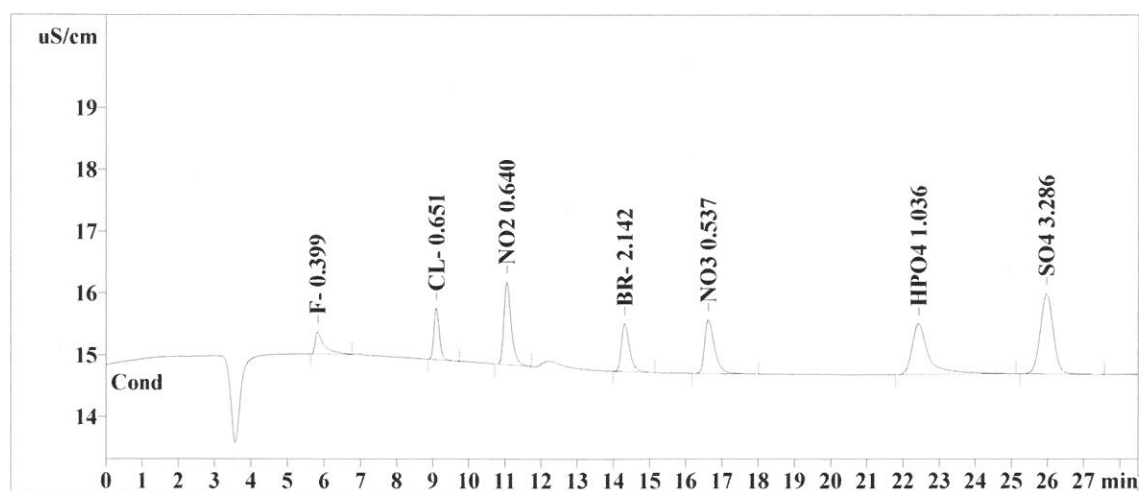
Last save: 1/2/2020 8:49:58 AM

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

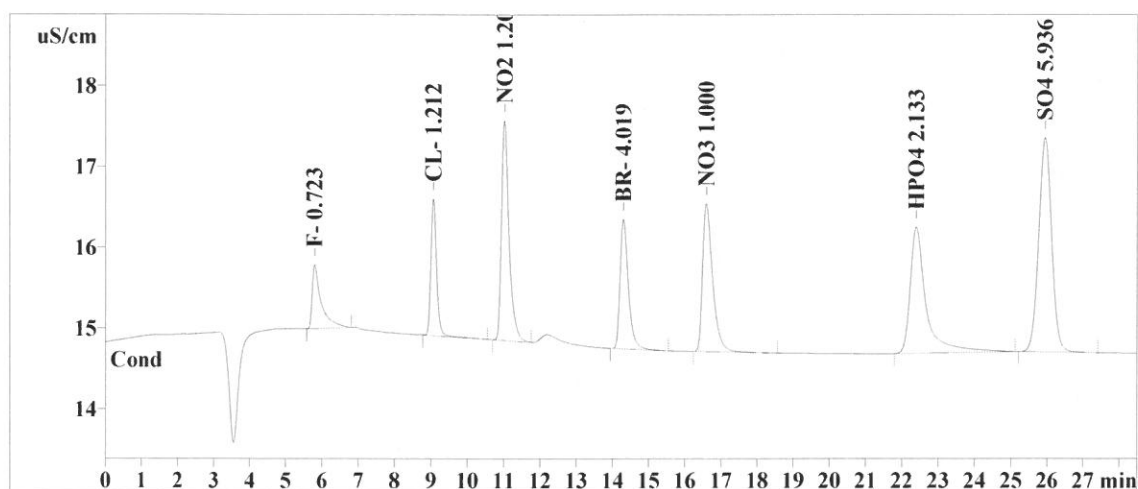
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File: _2019-12-31_

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

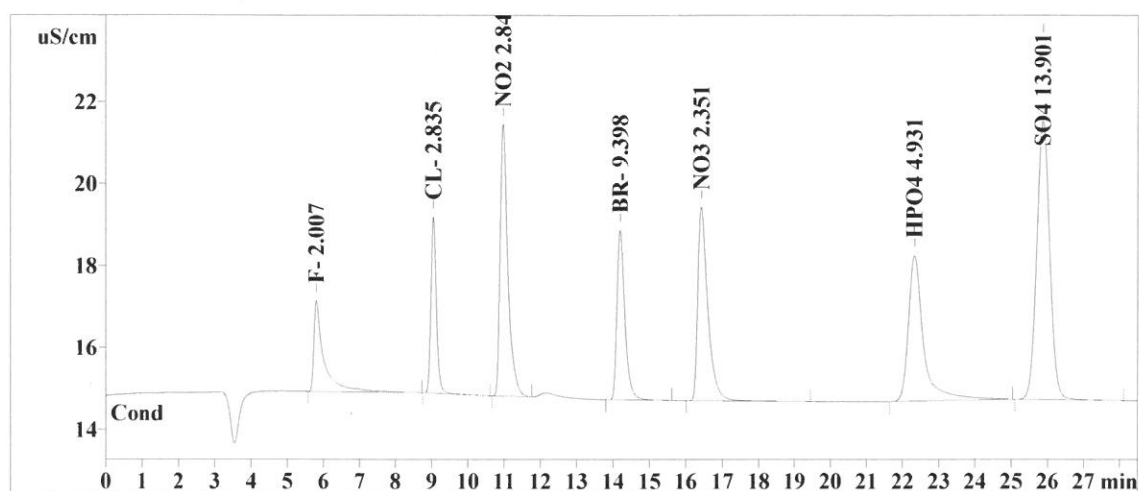
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Analysis from: 12/31/2019 6:37:58 PM
File: _2019-12-31_

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.

This report has been created by IC Net
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Report date: 1/2/2020 9:54:32 AM
Printed by: wet

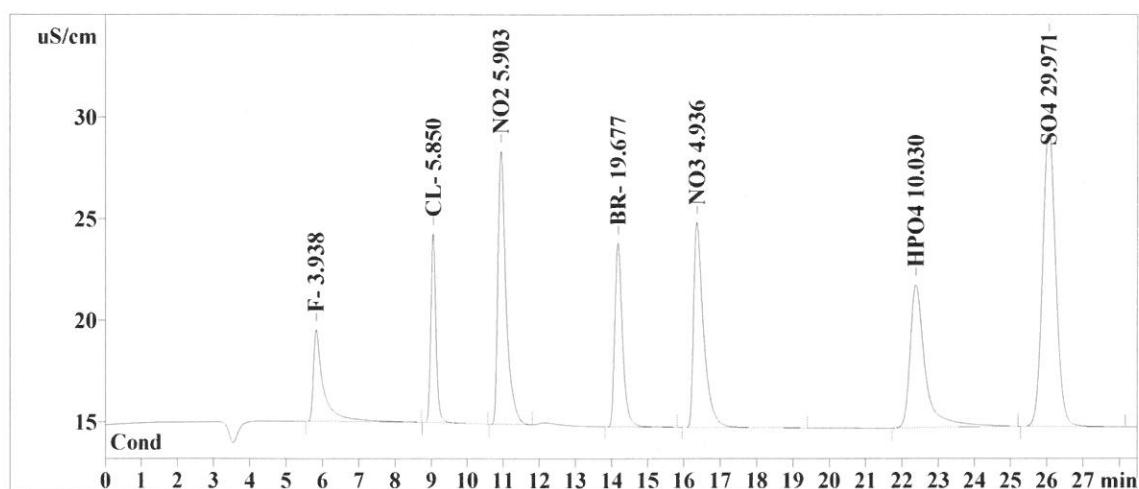
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File: _2019-12-31_

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

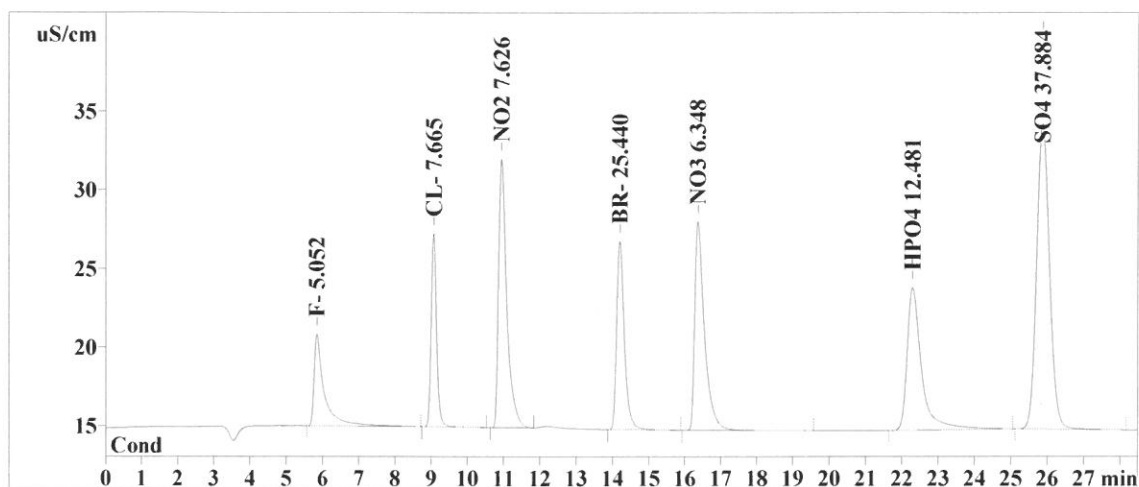
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File: _2019-12-31_

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

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

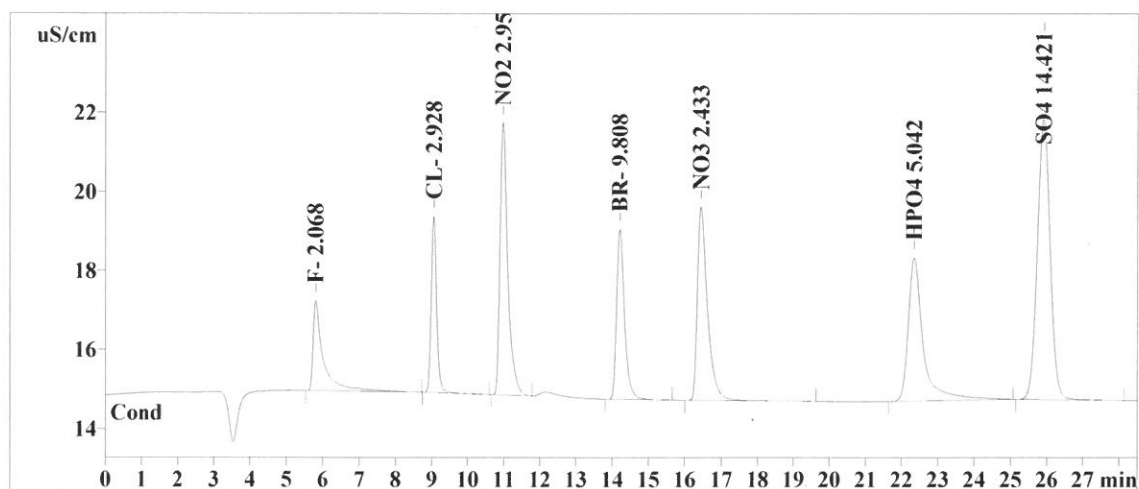
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Analysis from: 12/31/2019 8:12:11 PM
File: _2019-12-31_

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

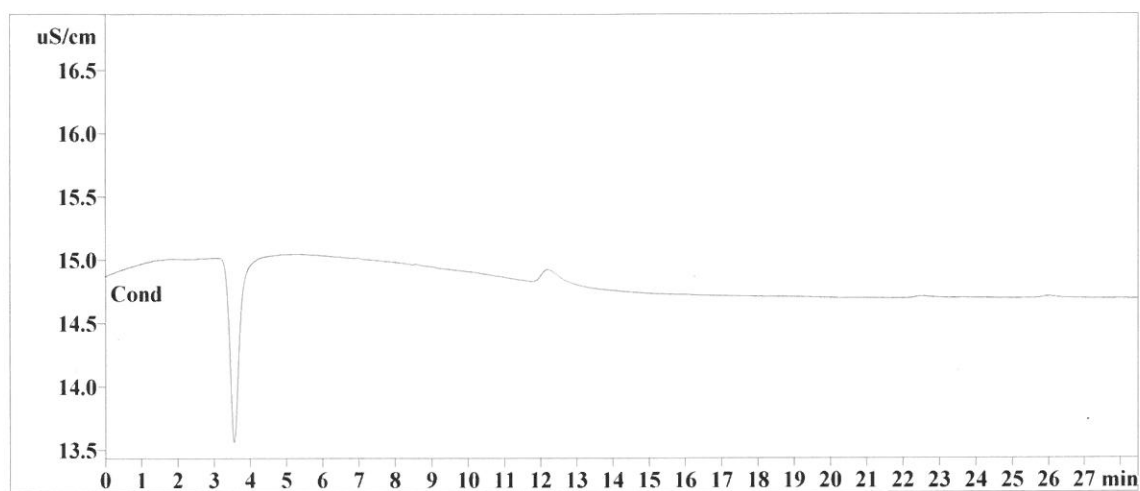
Ident: ICB
Analysis from: 12/31/2019 8:43:35 PM
File: _2019-12-31_

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: 1/17/2020 4:52:53 PM
Printed by: wet

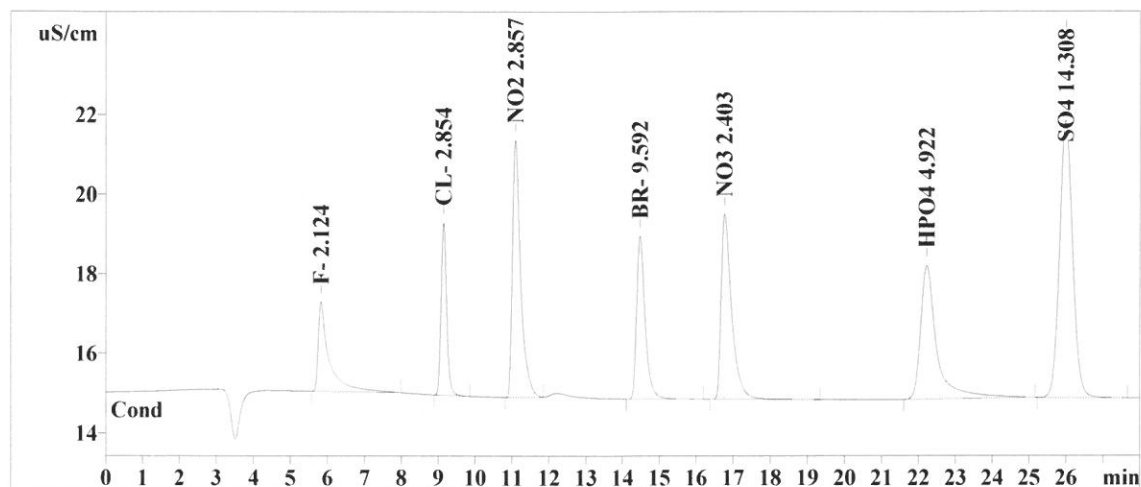
Ident: CCV
Analysis from: 1/17/2020 9:40:34 AM
File: _2020-01-17_

Last save: 1/17/2020 10:12:42 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69567

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	0.230	2.24	6.99	46.945	7.50	0.
2	9.14	0.156	4.32	13.48	45.102	7.21	0.
3	11.09	0.221	6.45	20.11	99.512	15.90	0.
4	14.47	0.236	4.09	12.74	65.599	10.48	0.
5	16.77	0.286	4.65	14.50	92.064	14.71	0.
6	22.22	0.388	3.36	10.47	103.030	16.46	0.
7	25.99	0.380	6.96	21.71	173.524	27.73	0.
7	28.00	0.271	32.07	100.00	625.775	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:53:02 PM
Printed by: wet

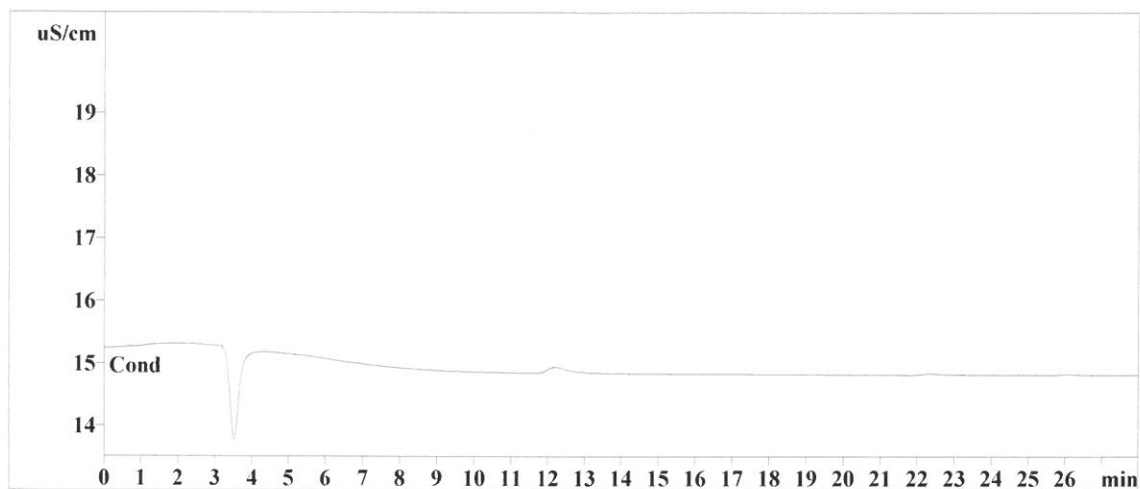
Ident: CCB
Analysis from: 1/17/2020 10:16:00 AM
File: _2020-01-17_

Last save: 1/17/2020 10:43:50 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69568

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 4:53:09 PM
Printed by: wet

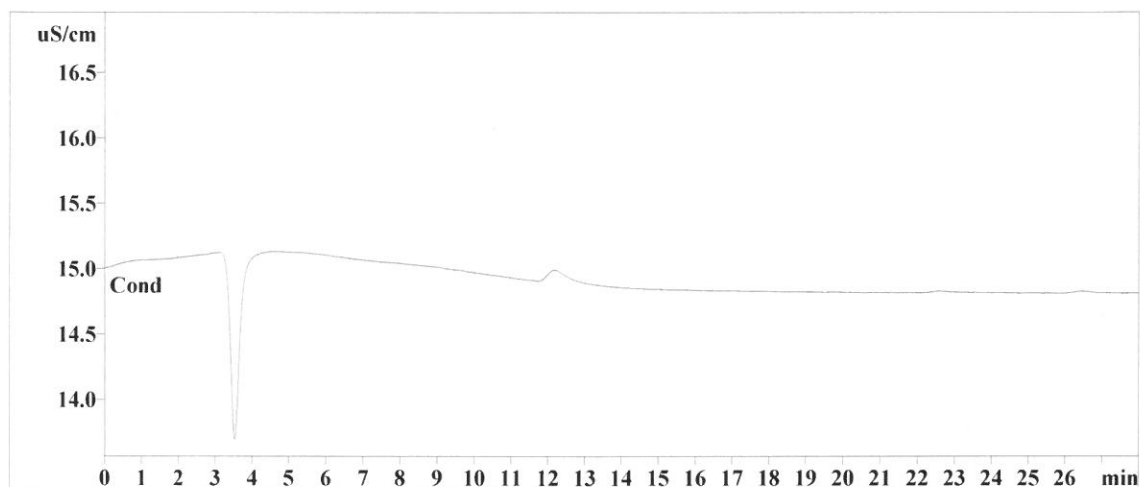
Ident: LB107240BLW
Analysis from: 1/17/2020 10:46:55 AM
File: _2020-01-17_

Last save: 1/17/2020 4:52:46 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69569

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 4:53:16 PM
Printed by: wet

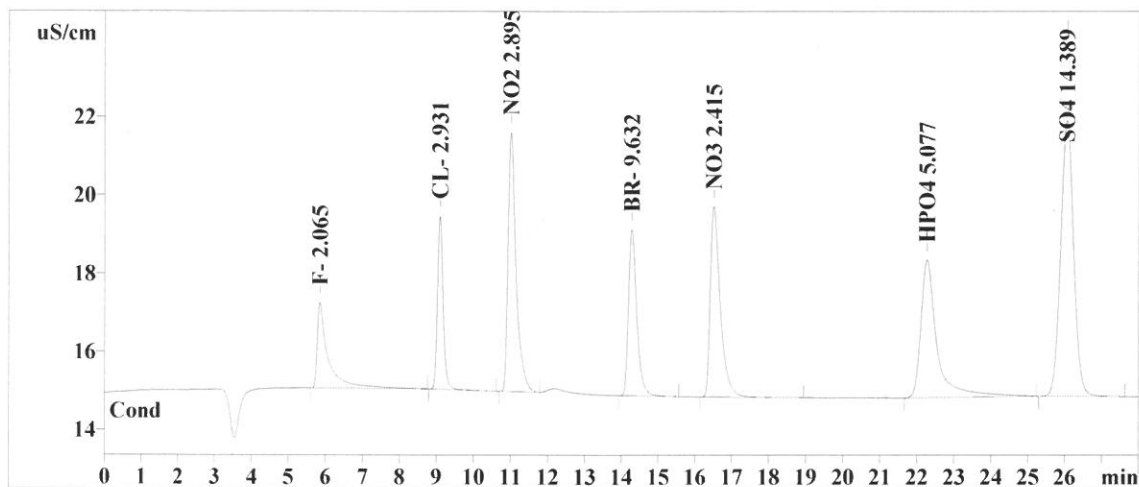
Ident: LB107240BSW
Analysis from: 1/17/2020 11:17:49 AM
File: _2020-01-17_

Last save: 1/17/2020 4:52:46 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69570

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	5.85	0.229	2.18	6.62	45.554	7.21	0.
2	9.09	0.156	4.42	13.42	46.369	7.34	0.
3	11.00	0.218	6.62	20.14	100.914	15.97	0.
4	14.27	0.229	4.25	12.92	65.886	10.43	0.
5	16.50	0.277	4.87	14.79	92.540	14.64	0.
6	22.26	0.384	3.52	10.69	106.079	16.79	0.
7	26.05	0.379	7.04	21.41	174.558	27.62	0.
7	28.00	0.267	32.89	100.00	631.900	100.00	0.

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METROHM LTD

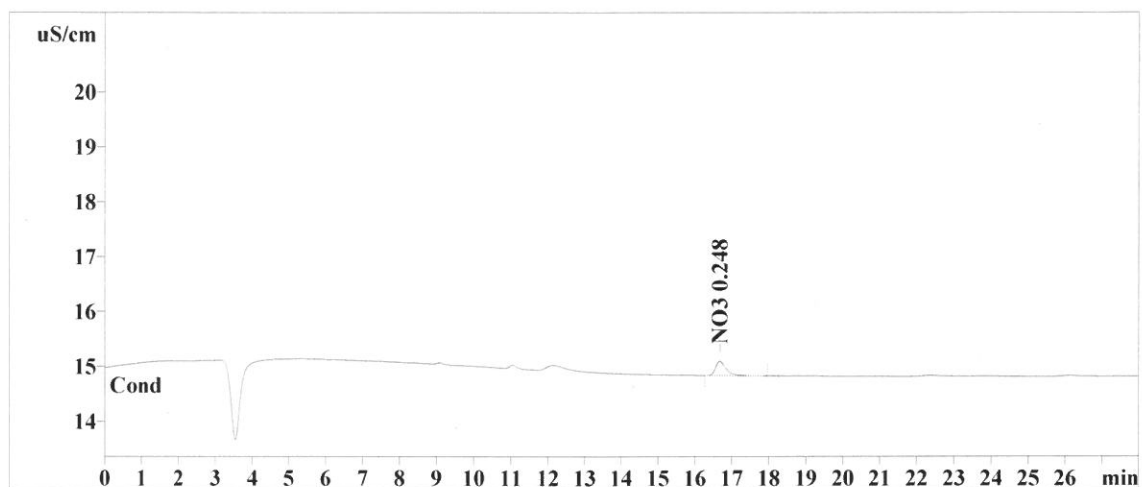
Report date: 1/17/2020 4:54:22 PM
Printed by: wet

Ident: L1174-01
Analysis from: 1/17/2020 12:00:56 PM
File: _2020-01-17_
Modified!
Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69571

Last save: 1/17/2020 1:33:00 PM

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

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	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	16.68	0.290	0.26	99.71	5.109	100.00	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	0.041	0.26	99.71	5.109	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:54:33 PM
Printed by: wet

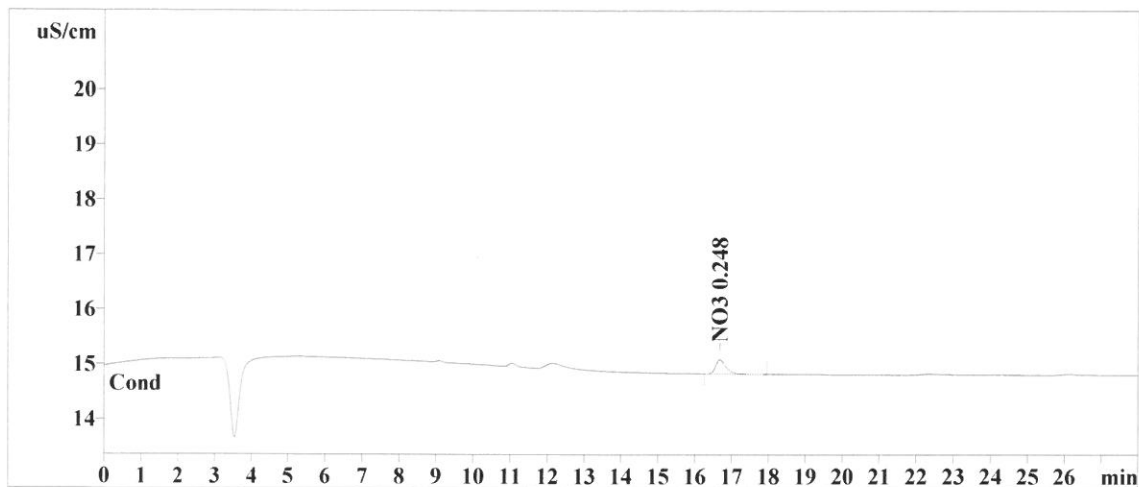
Ident: L1174-01
Analysis from: 1/17/2020 12:00:56 PM
File: _2020-01-17_

Last save: 1/17/2020 4:54:34 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69571

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

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	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	16.68	0.290	0.26	99.71	5.109	100.00	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	0.041	0.26	99.71	5.109	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:54:40 PM
Printed by: wet

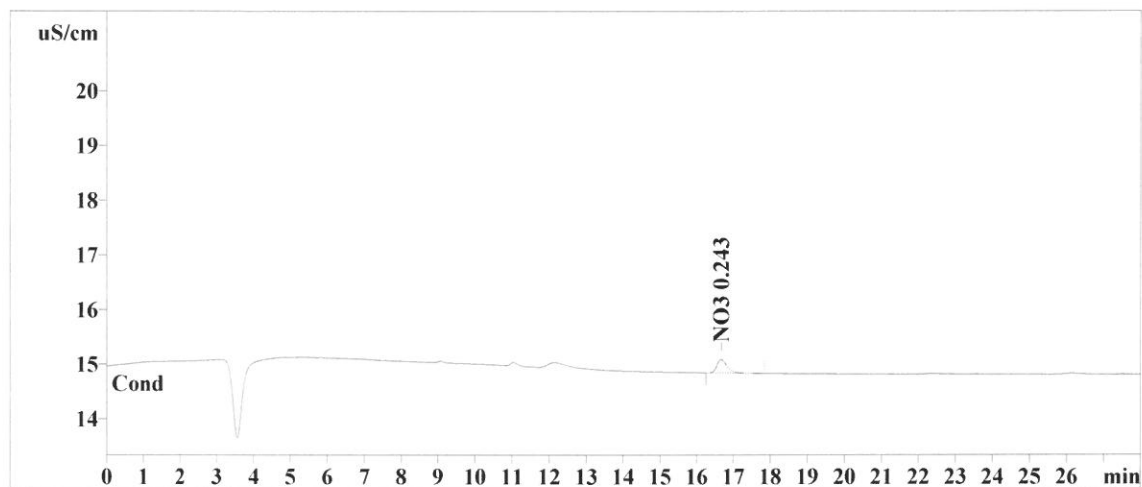
Ident: L1174-01DUP
Analysis from: 1/17/2020 12:31:50 PM
File: _2020-01-17_

Last save: 1/17/2020 12:59:40 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69572

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

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	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	16.66	0.290	0.25	99.66	4.888	100.00	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	0.041	0.25	99.66	4.888	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:54:47 PM
Printed by: wet

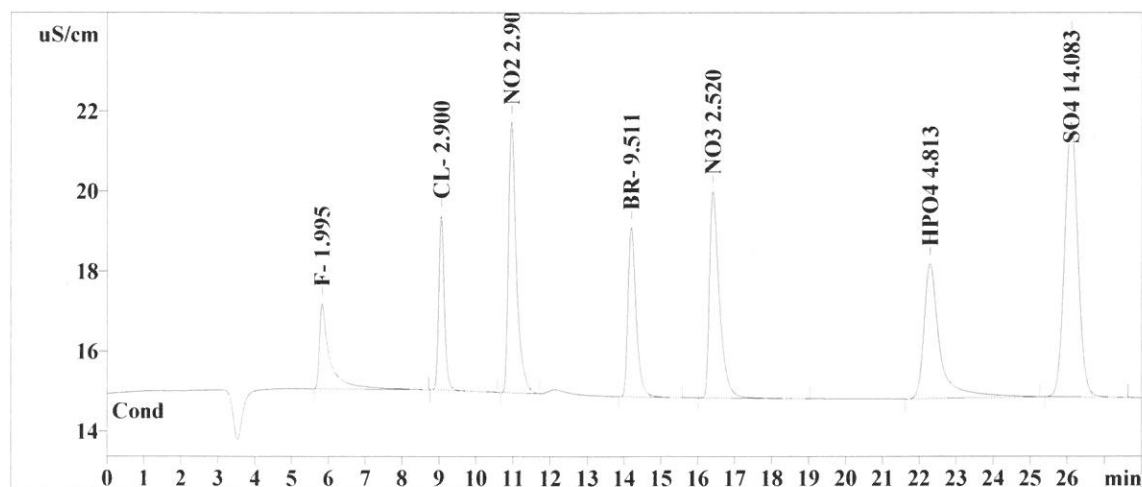
Ident: L1174-01MS
Analysis from: 1/17/2020 1:02:45 PM
File: _2020-01-17_

Last save: 1/17/2020 1:30:34 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69573

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

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	5.82	0.227	2.13	6.48	43.894	7.03	0.
2	9.05	0.156	4.35	13.24	45.846	7.34	0.
3	10.95	0.215	6.76	20.60	101.126	16.20	0.
4	14.18	0.228	4.22	12.86	65.021	10.42	0.
5	16.39	0.274	5.14	15.67	96.771	15.50	0.
6	22.29	0.386	3.36	10.24	100.896	16.16	0.
7	26.09	0.380	6.86	20.91	170.653	27.34	0.
7	28.00	0.267	32.82	100.00	624.207	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:55:02 PM
Printed by: wet

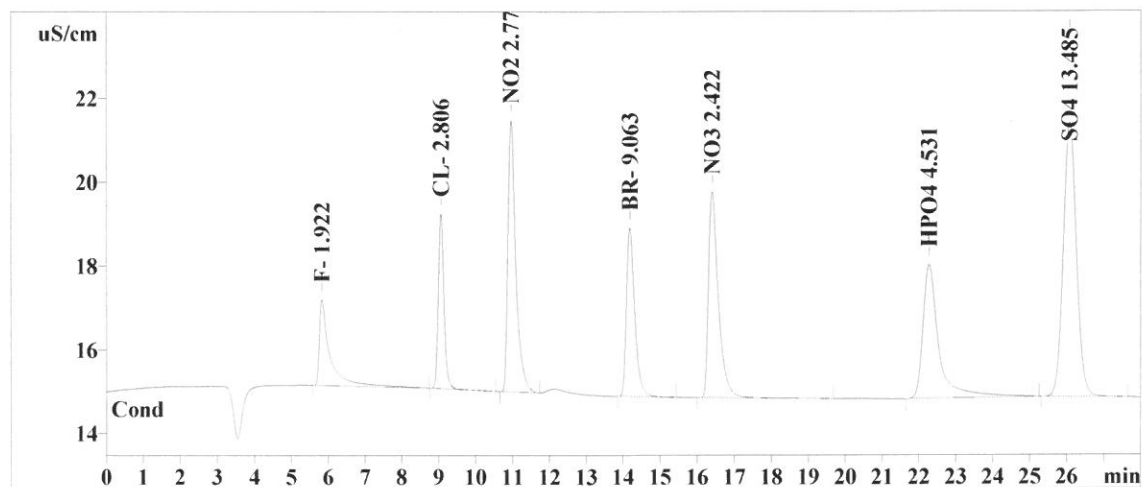
Ident: L1174-01MSD
Analysis from: 1/17/2020 1:33:40 PM
File: _2020-01-17_

Last save: 1/17/2020 2:01:28 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69574

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

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.226	2.05	6.53	42.191	7.08	0.
2	9.05	0.158	4.16	13.27	44.300	7.43	0.
3	10.95	0.215	6.46	20.62	96.394	16.18	0.
4	14.18	0.228	4.02	12.82	61.826	10.37	0.
5	16.39	0.275	4.91	15.68	92.815	15.57	0.
6	22.28	0.382	3.19	10.19	95.378	16.00	0.
7	26.08	0.381	6.55	20.88	163.036	27.36	0.
7	28.00	0.266	31.34	99.99	595.940	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:55:30 PM
Printed by: wet

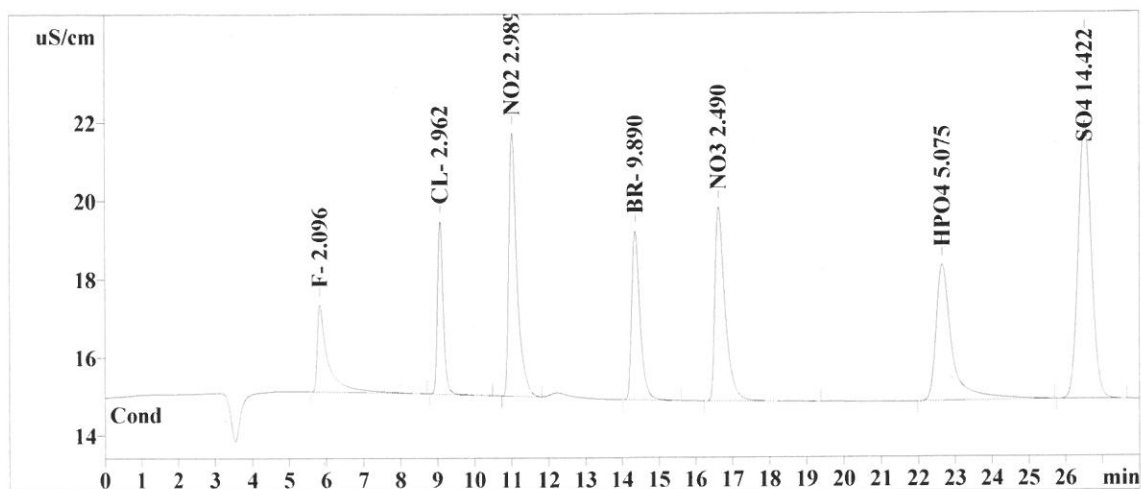
Ident: CCV
Analysis from: 1/17/2020 2:06:20 PM
File: _2020-01-17_

Last save: 1/17/2020 2:34:10 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69575

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	5.83	0.231	2.22	6.69	46.275	7.21	0.
2	9.07	0.157	4.41	13.30	46.882	7.30	0.
3	11.01	0.222	6.72	20.23	104.321	16.26	0.
4	14.35	0.233	4.31	12.97	67.722	10.55	0.
5	16.62	0.281	4.95	14.91	95.570	14.89	0.
6	22.65	0.390	3.49	10.50	106.035	16.52	0.
7	26.52	0.378	7.10	21.38	174.974	27.26	0.
7	28.00	0.270	33.20	99.99	641.779	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:55:37 PM
Printed by: wet

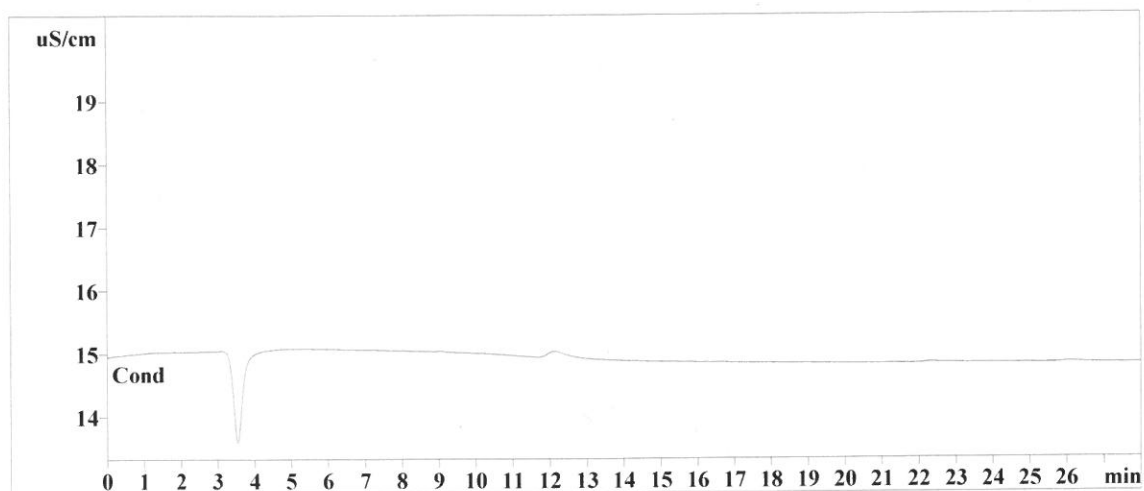
Ident: CCB
Analysis from: 1/17/2020 2:39:24 PM
File: _2020-01-17_

Last save: 1/17/2020 3:07:12 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69576

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 4:55:48 PM
Printed by: wet

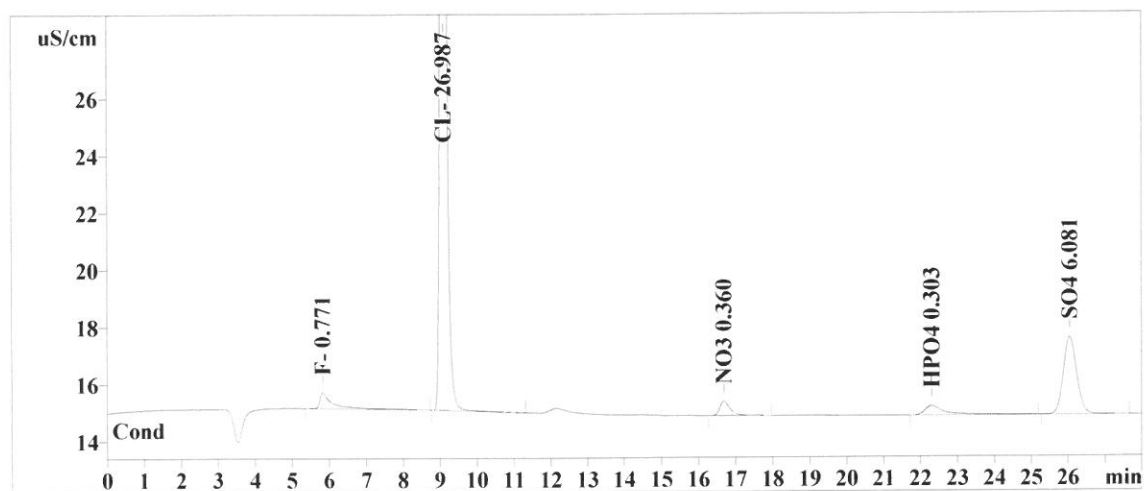
Ident: L1184-01
Analysis from: 1/17/2020 3:10:18 PM
File: _2020-01-17_

Last save: 1/17/2020 3:38:08 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69577

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

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	5.82	0.261	0.56	1.18	15.089	2.75	0.
2	9.10	0.152	43.41	91.38	442.259	80.68	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	16.68	0.286	0.49	1.04	9.624	1.76	0.
6	22.31	0.447	0.33	0.69	12.501	2.28	0.
7	26.05	0.387	2.71	5.71	68.691	12.53	0.
7	28.00	0.219	47.50	100.00	548.163	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/17/2020 4:55:56 PM
 Printed by: wet

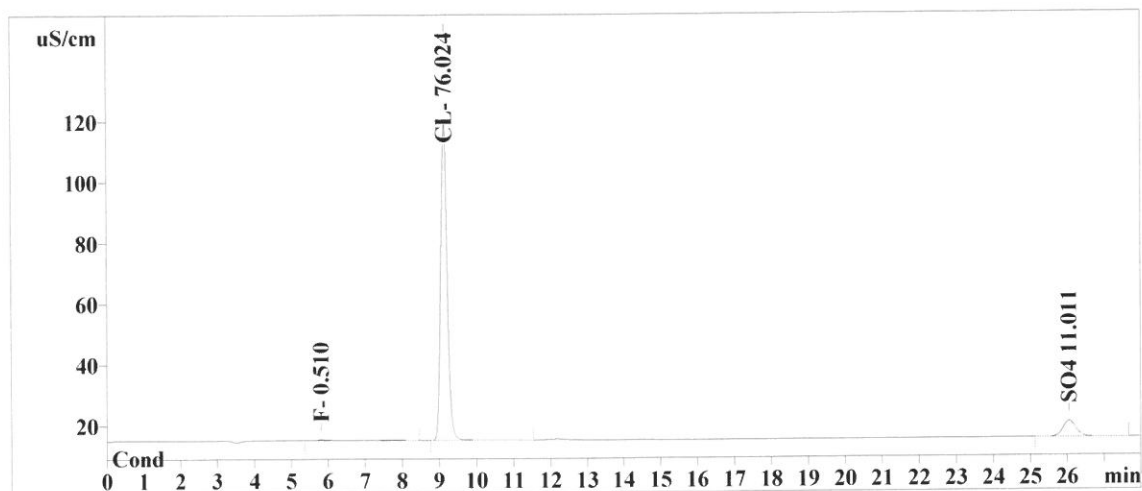
Ident: L1184-02
 Analysis from: 1/17/2020 3:41:13 PM
 File: _2020-01-17_

Last save: 1/17/2020 4:09:02 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69578

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

SAMPLE:
 : AK/AP
 Vial number: 14
 Volume: 20.0 μ L
 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	0.337	0.23	0.21	8.929	0.64	0.
2	9.15	0.183	103.88	94.96	1249.268	89.89	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	26.05	0.381	5.27	4.82	131.515	9.46	0.
7	28.00	0.129	109.38	100.00	1389.712	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/17/2020 4:56:05 PM
 Printed by: wet

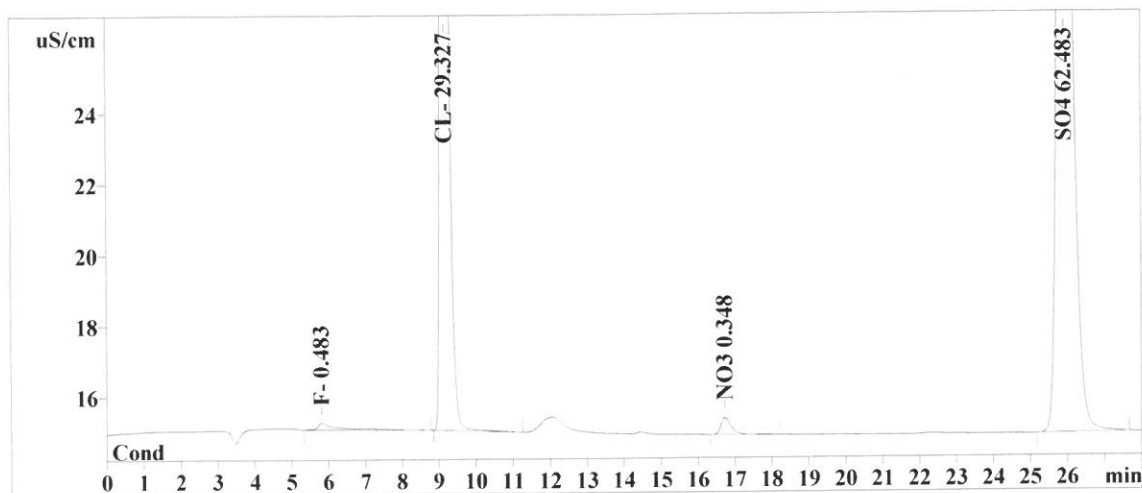
Ident: L1184-03
 Analysis from: 1/17/2020 4:12:08 PM
 File: _2020-01-17_

Last save: 1/17/2020 4:39:56 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69579

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

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	5.81	0.351	0.20	0.29	8.286	0.64	0.
2	9.17	0.204	35.59	52.33	480.760	37.40	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	16.73	0.282	0.47	0.70	9.144	0.71	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.93	0.378	31.76	46.69	787.366	61.25	0.
7	28.00	0.174	68.02	100.01	1285.557	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/20/2020 9:39:28 AM
Printed by: wet

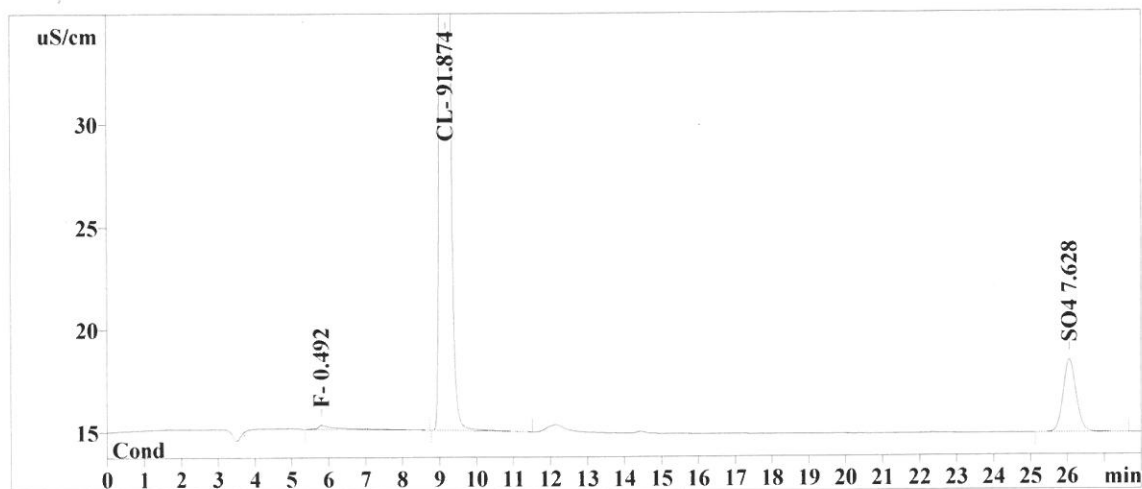
Ident: L1184-04
Analysis from: 1/17/2020 4:43:02 PM
File: _2020-01-17_

Last save: 1/17/2020 5:10:52 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69580

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

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	5.82	0.340	0.20	0.16	8.504	0.53	0.
2	9.17	0.187	123.21	97.08	1510.109	93.97	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	26.07	0.384	3.52	2.77	88.404	5.50	0.
7	28.00	0.130	126.93	100.02	1607.017	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/20/2020 9:39:37 AM
Printed by: wet

Ident: L1184-05
Analysis from: 1/17/2020 5:13:57 PM
File: _2020-01-17_

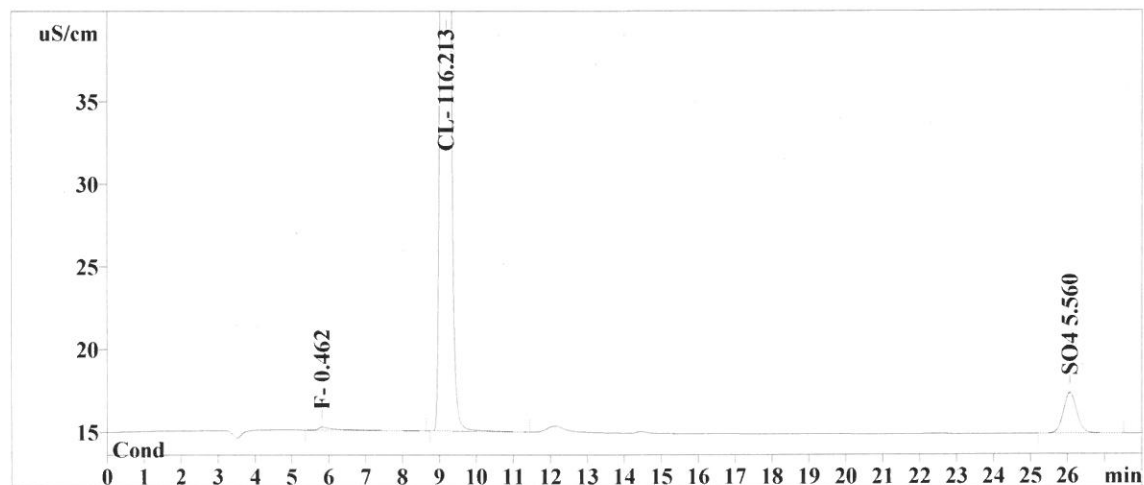
Last save: 1/17/2020 5:41:46 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69581

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

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	5.81	0.347	0.20	0.13	7.793	0.39	0.
2	9.18	0.195	150.44	98.26	1910.660	96.47	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	26.07	0.387	2.45	1.60	62.057	3.13	0.
7	28.00	0.133	153.09	99.99	1980.510	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/20/2020 9:39:46 AM
Printed by: wet

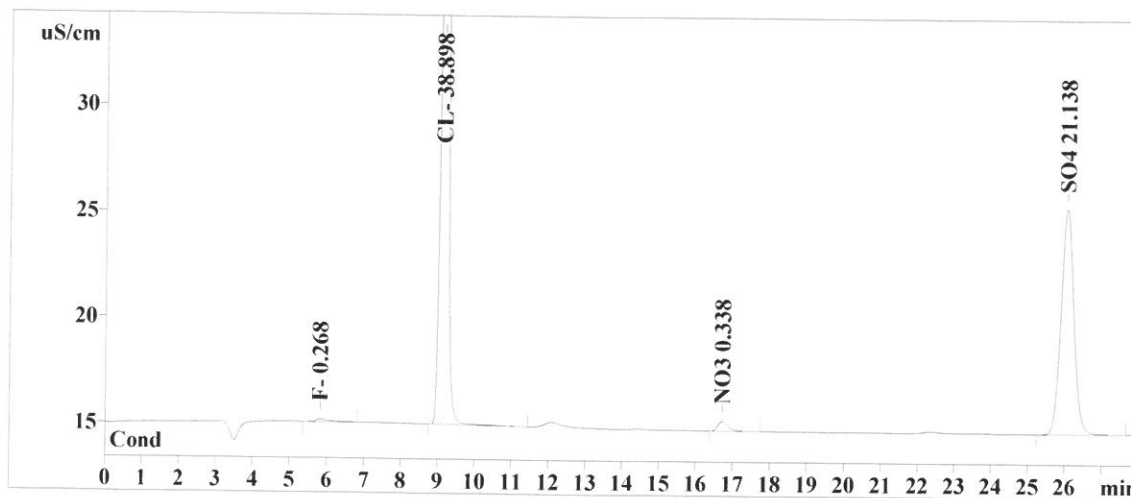
Ident: L1184-06
Analysis from: 1/17/2020 5:44:52 PM
File: _2020-01-17_

Last save: 1/17/2020 6:12:40 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69582

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

SAMPLE:
: AK/AP
Vial number: 18
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	0.279	0.14	0.19	3.243	0.36	0.
2	9.12	0.162	59.03	84.08	638.270	70.08	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	16.72	0.285	0.45	0.65	8.730	0.96	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.04	0.375	10.59	15.08	260.551	28.61	0.
7	28.00	0.157	70.21	100.00	910.794	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/20/2020 9:39:53 AM
 Printed by: wet

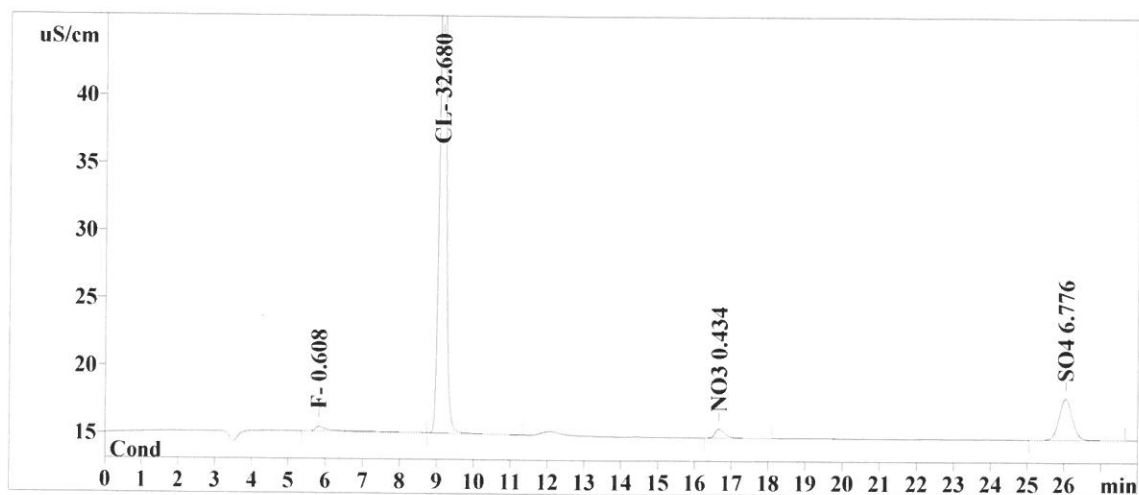
Ident: L1184-07
 Analysis from: 1/17/2020 6:15:46 PM
 File: _2020-01-17_

Last save: 1/17/2020 6:43:36 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69583

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

SAMPLE:
 : AK/AP
 Vial number: 19
 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	0.284	0.35	0.70	11.243	1.76	0.
2	9.11	0.174	46.29	91.93	535.954	84.09	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	16.66	0.282	0.66	1.30	12.615	1.98	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.04	0.388	3.06	6.07	77.551	12.17	0.
7	28.00	0.161	50.35	99.99	637.363	100.00	0.

This report has been created by IC Net
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Report date: 1/20/2020 9:40:07 AM
 Printed by: wet

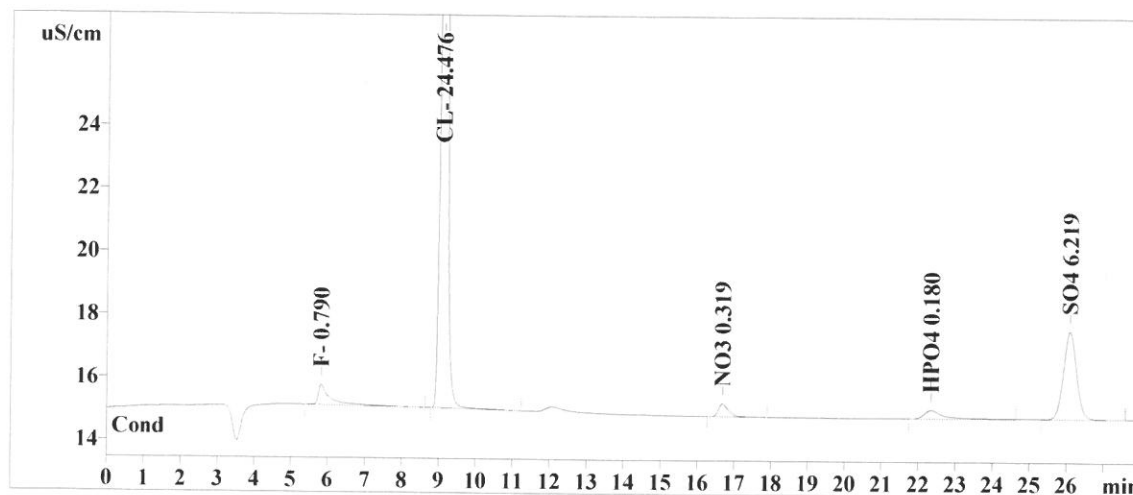
Ident: L1184-08
 Analysis from: 1/17/2020 6:46:41 PM
 File: _2020-01-17_

Last save: 1/17/2020 7:14:30 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69584

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

SAMPLE:
 : AK/AP
 Vial number: 20
 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	0.243	0.64	1.47	15.538	3.08	0.
2	9.08	0.152	39.30	90.53	400.924	79.40	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	16.68	0.286	0.41	0.94	7.960	1.58	0.
6	22.34	0.458	0.27	0.63	10.090	2.00	0.
7	26.08	0.387	2.79	6.43	70.452	13.95	0.
7	28.00	0.218	43.41	100.00	504.964	100.00	0.

This report has been created by IC Net
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Report date: 1/20/2020 9:40:15 AM
Printed by: wet

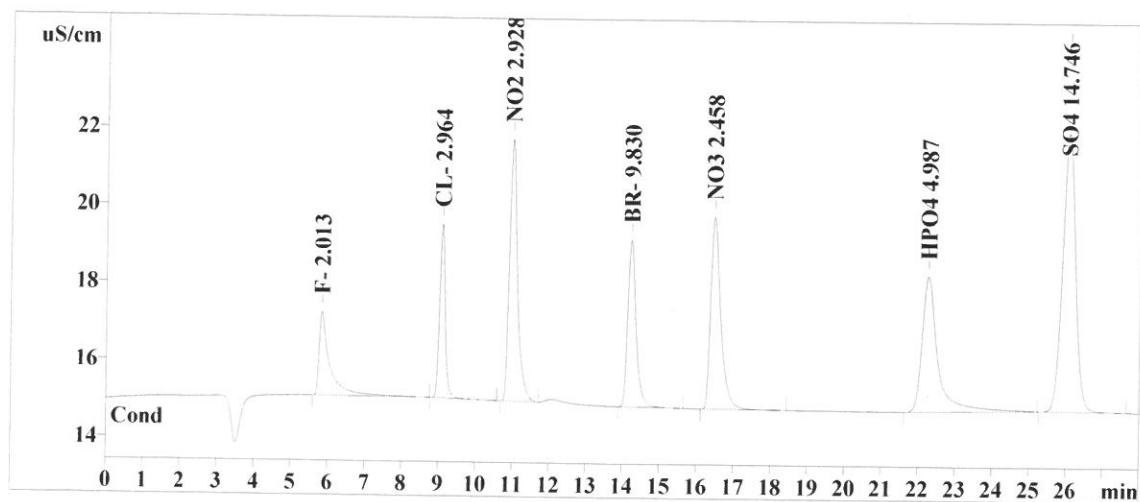
Ident: CCV
Analysis from: 1/17/2020 7:17:36 PM
File: _2020-01-17_

Last save: 1/17/2020 7:45:24 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69585

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	5.83	0.231	2.15	6.47	44.318	6.94	0.
2	9.08	0.155	4.48	13.44	46.902	7.35	0.
3	10.97	0.219	6.75	20.28	102.109	16.00	0.
4	14.22	0.231	4.30	12.90	67.296	10.54	0.
5	16.45	0.278	4.95	14.87	94.285	14.77	0.
6	22.26	0.383	3.49	10.48	104.300	16.34	0.
7	26.04	0.382	7.18	21.56	179.097	28.06	0.
7	28.00	0.269	33.29	100.00	638.306	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/20/2020 9:40:25 AM
Printed by: wet

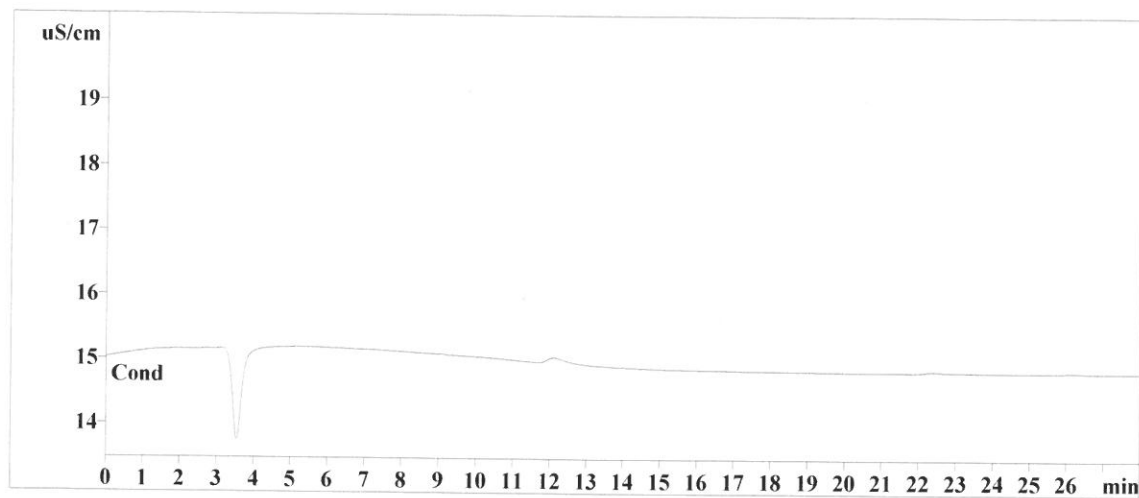
Ident: CCB
Analysis from: 1/17/2020 7:48:30 PM
File: _2020-01-17_

Last save: 1/17/2020 8:16:20 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69586

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