

IC-1 300.0

01-22-2020 AK

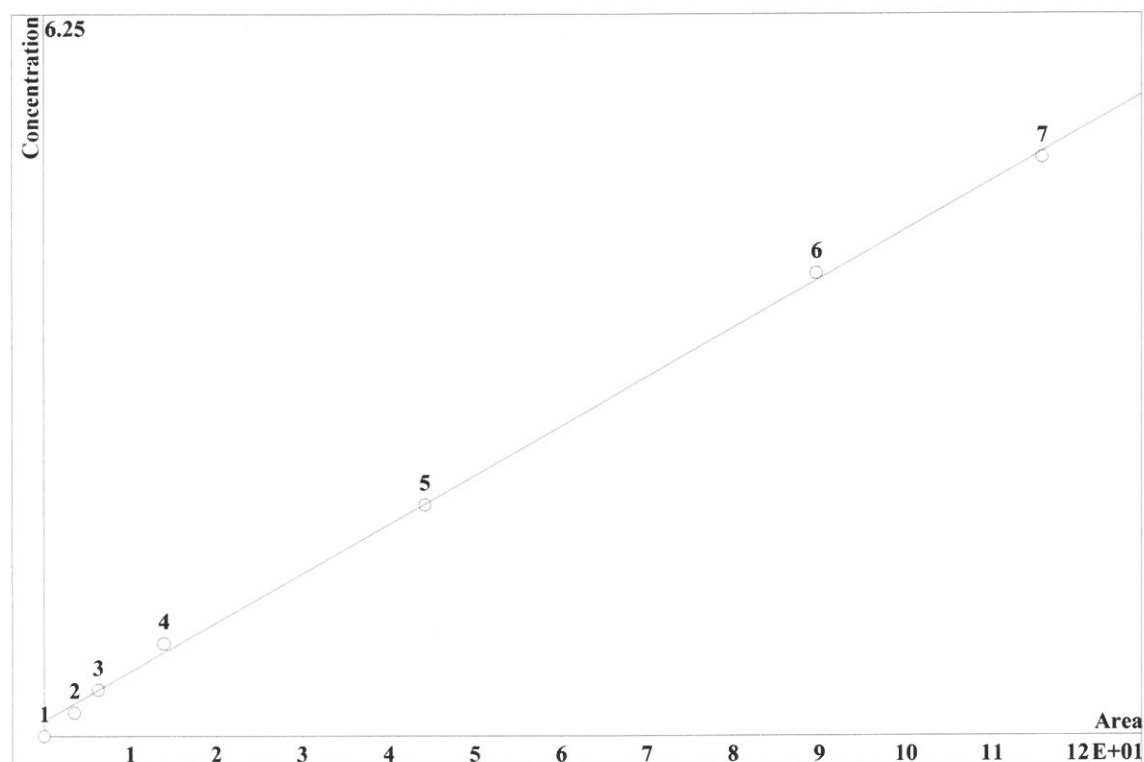
Clear table

ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-12-31_	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	2.0480	2.8150	2.7980	9.4700	2.3230	4.6620	13.8160	_2020-01-21_	1/21/20 8:56		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2020-01-21_	1/21/20 9:37		AK/AP
LB107291BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2020-01-21_	1/21/20 10:08		AK/AP
LB107291BSW	2.0310	2.9150	2.8350	9.4400	2.3510	4.7190	13.9580	_2020-01-21_	1/21/20 10:38		AK/AP
L1212-01	0.0000	0.2330	0.1780	0.0000	0.4090	0.0000	0.0000	_2020-01-21_	1/21/20 11:12		AK/AP
L1212-02	0.0000	0.0000	0.0000	0.0000	0.2540	0.0000	0.0000	_2020-01-21_	1/21/20 11:43		AK/AP
L1212-03	0.0000	0.1850	0.2000	0.0000	0.3620	0.0000	0.0000	_2020-01-21_	1/21/20 12:14		AK/AP
L1212-03DUP	0.0000	0.2060	0.1970	0.0000	0.3600	0.0000	0.0000	_2020-01-21_	1/21/20 12:45		AK/AP
L1212-03MS	2.0850	2.9270	2.9680	9.5320	2.6480	4.5740	14.0990	_2020-01-21_	1/21/20 13:16		AK/AP
L1212-03MSD	1.9720	2.7950	2.8280	9.0840	2.5370	4.3580	13.4310	_2020-01-21_	1/21/20 13:47		AK/AP
CCV	2.0300	2.8740	2.8920	9.4660	2.3690	4.6420	14.0110	_2020-01-21_	1/21/20 14:18		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2020-01-21_	1/21/20 15:50		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



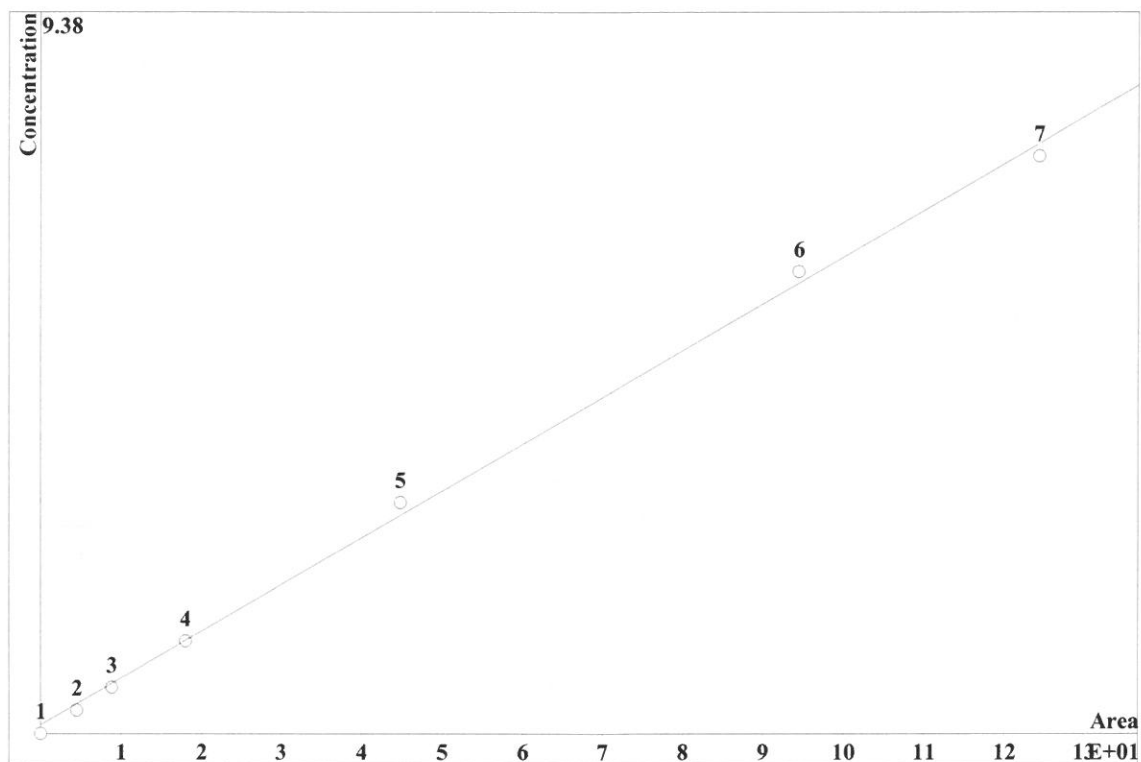
K3 = 0 K2 = 0 K1 = 0.849336 K0 = 2.61321

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



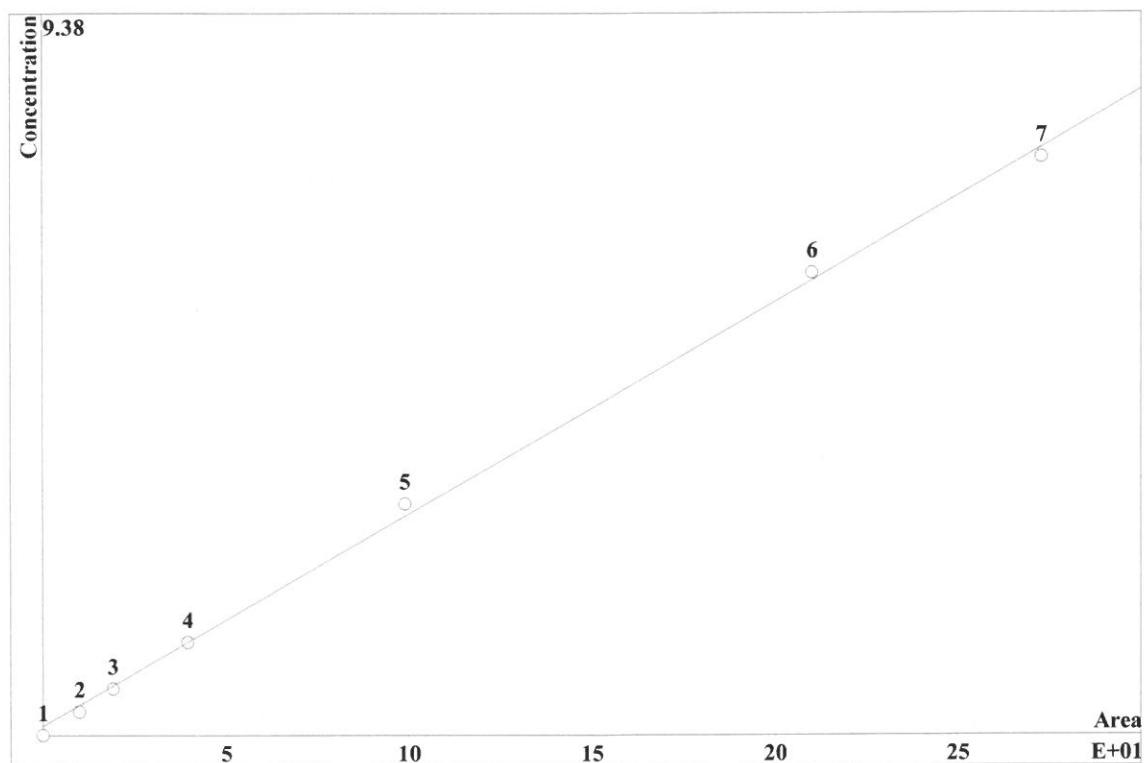
K3 = 0 K2 = 0 K1 = 1.21528 K0 = 2.27388

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



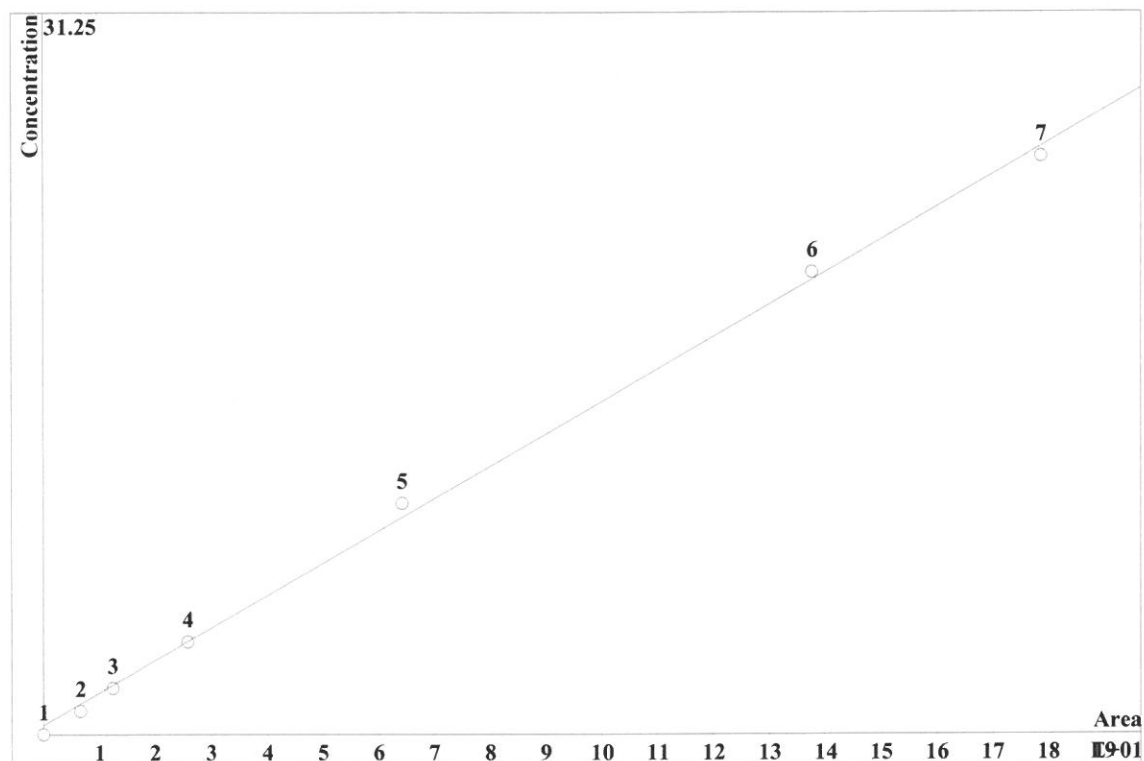
K3 = 0 K2 = 0 K1 = 0.550657 K0 = 2.33469

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



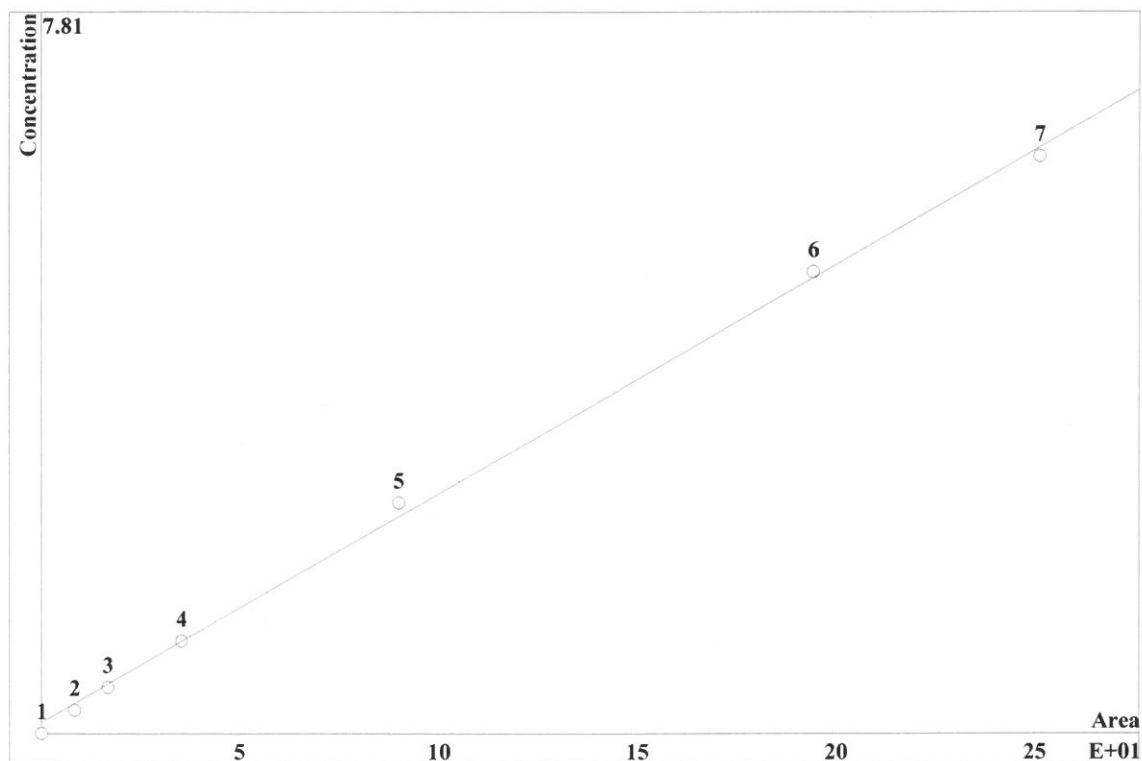
K3 = 0 K2 = 0 K1 = 2.80317 K0 = 7.95413

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

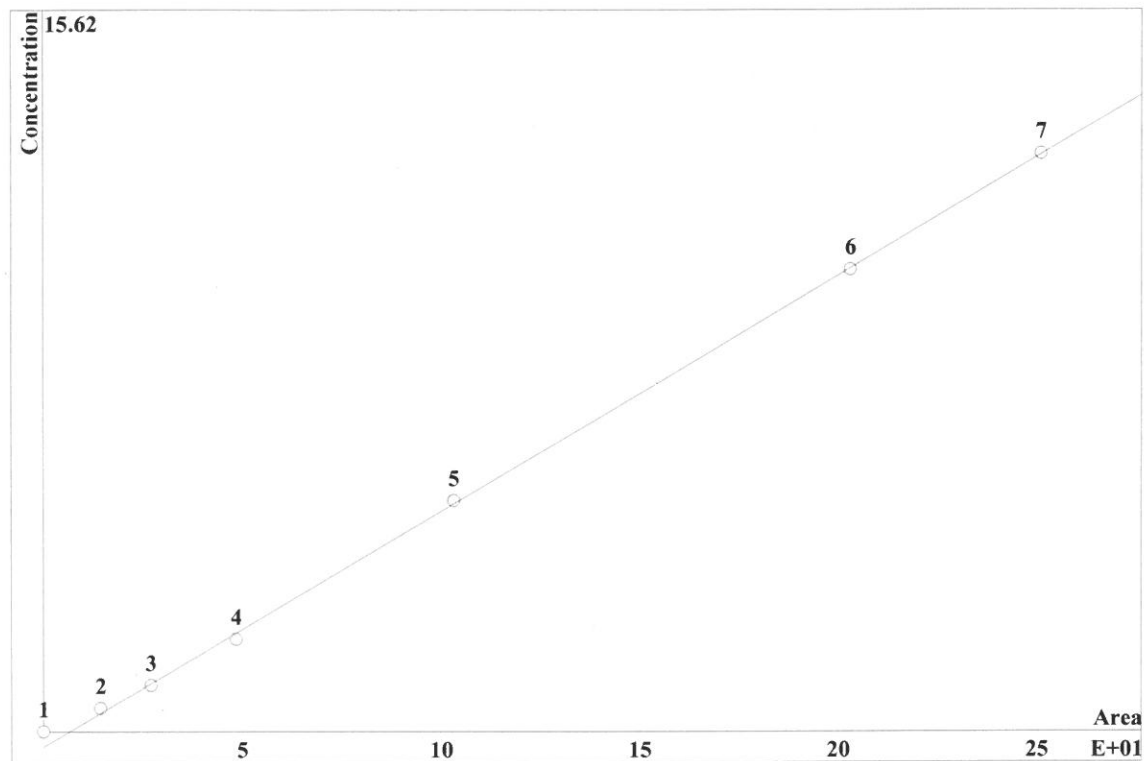
Weight: 1

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

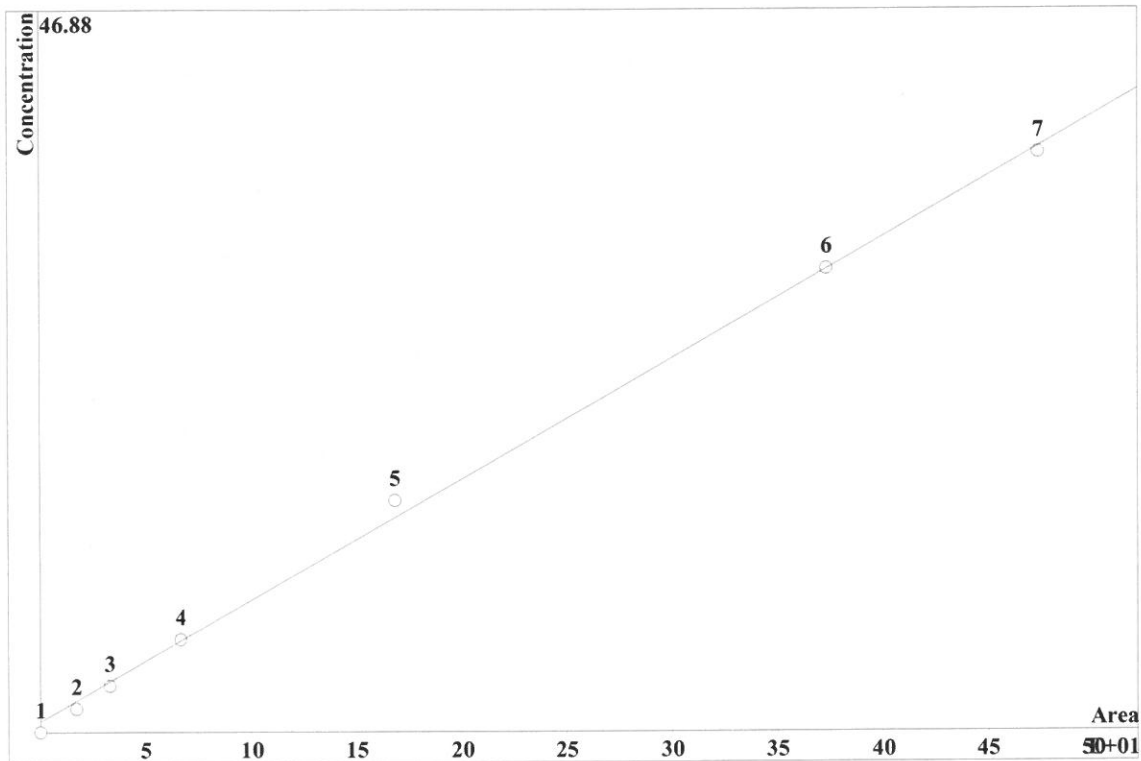


K3 = 0 K2 = 0 K1 = 1.02048 K0 = -6.70236
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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		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

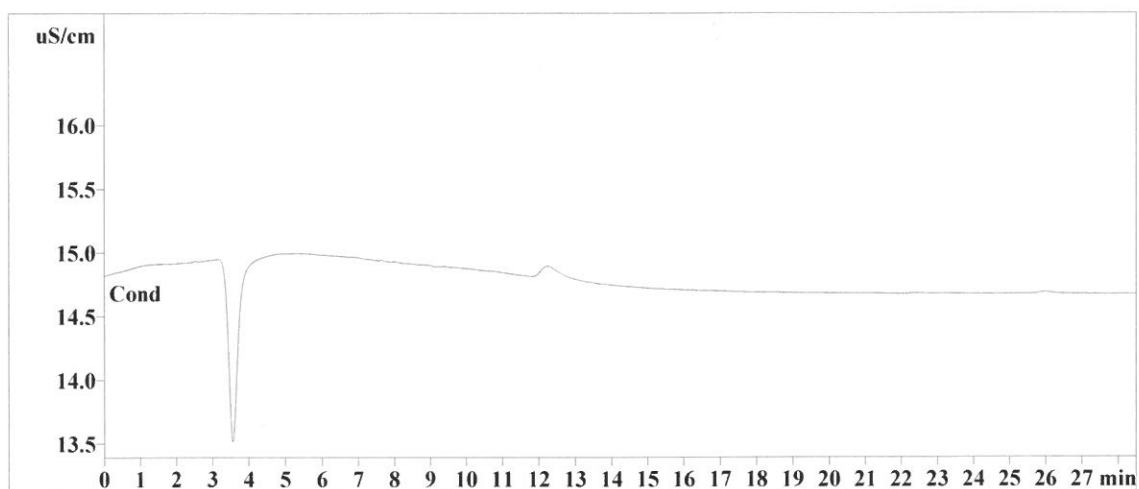
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File: _2019-12-31_

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 µL
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

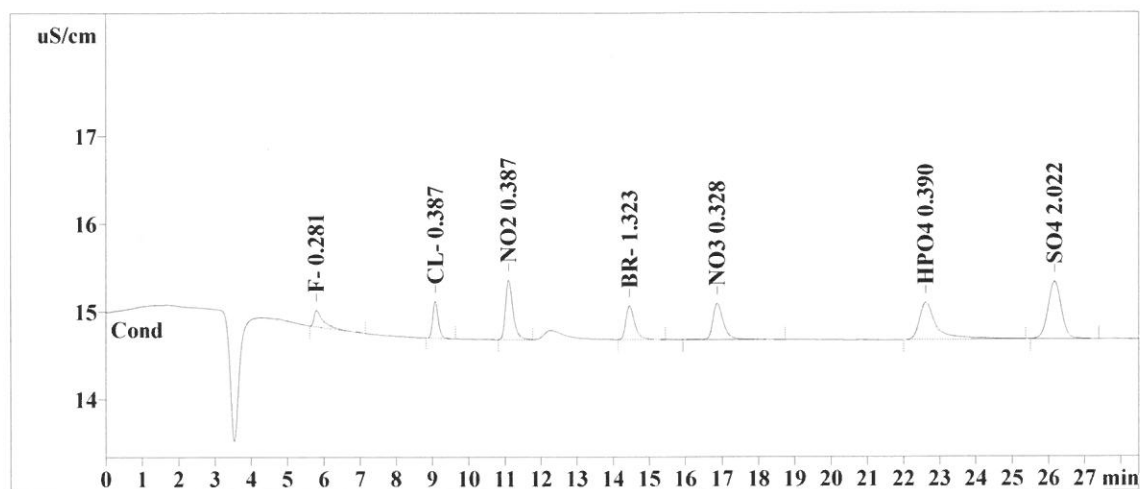
Ident: STD2
Analysis from: 12/31/2019 5:03:45 PM
File: _2019-12-31_

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_

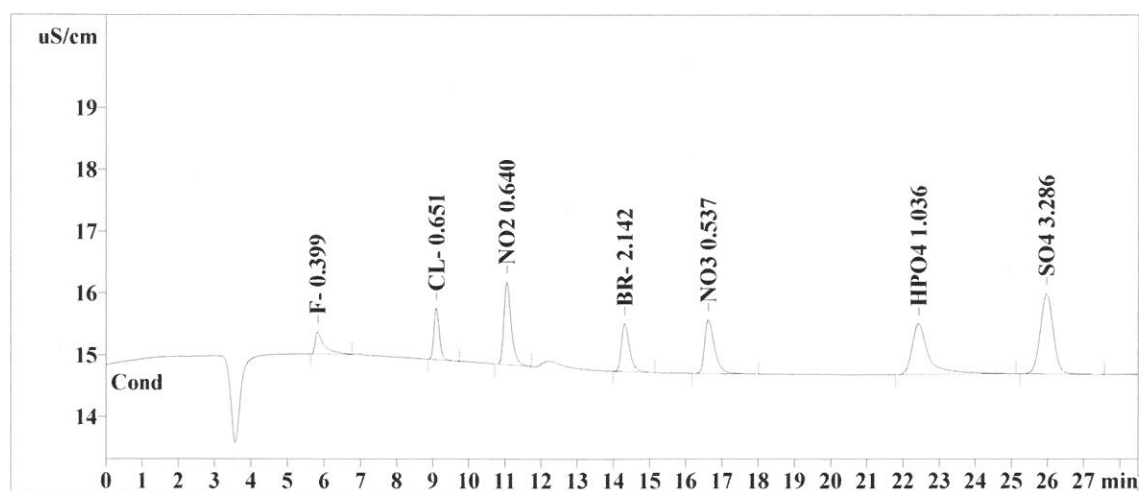
Last save: 1/2/2020 8:49:58 AM

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

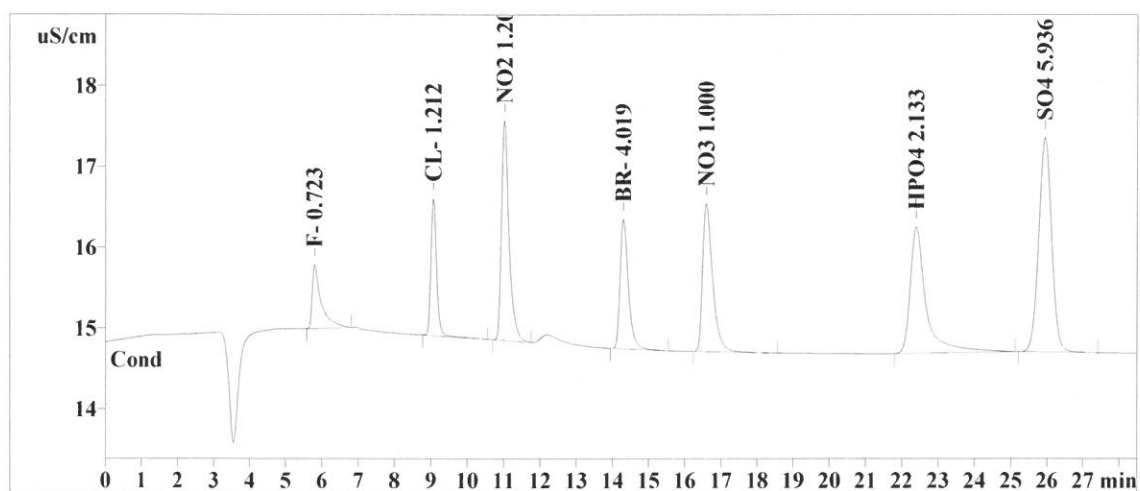
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Analysis from: 12/31/2019 6:06:33 PM
File: _2019-12-31_

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

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

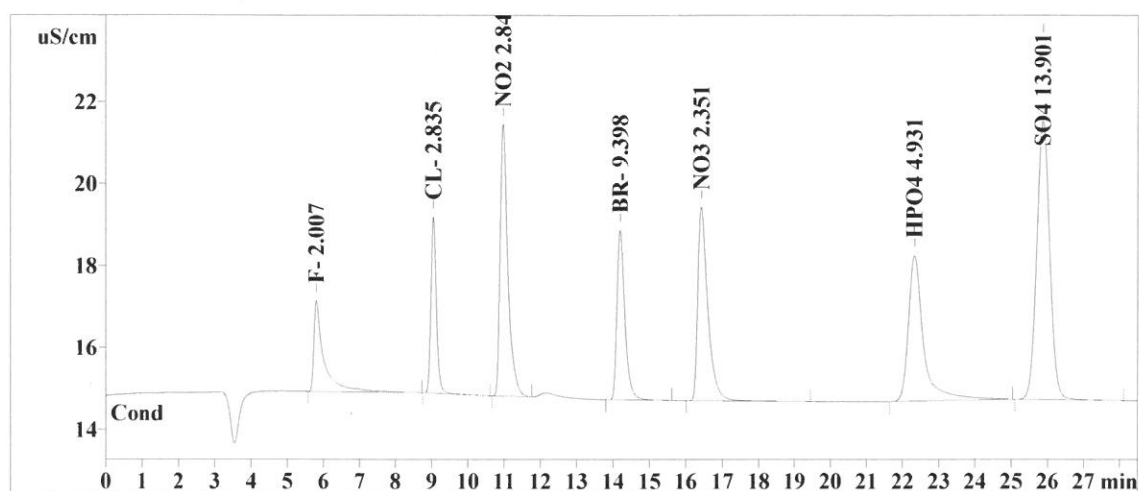
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Last save: 1/2/2020 8:49:58 AM

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

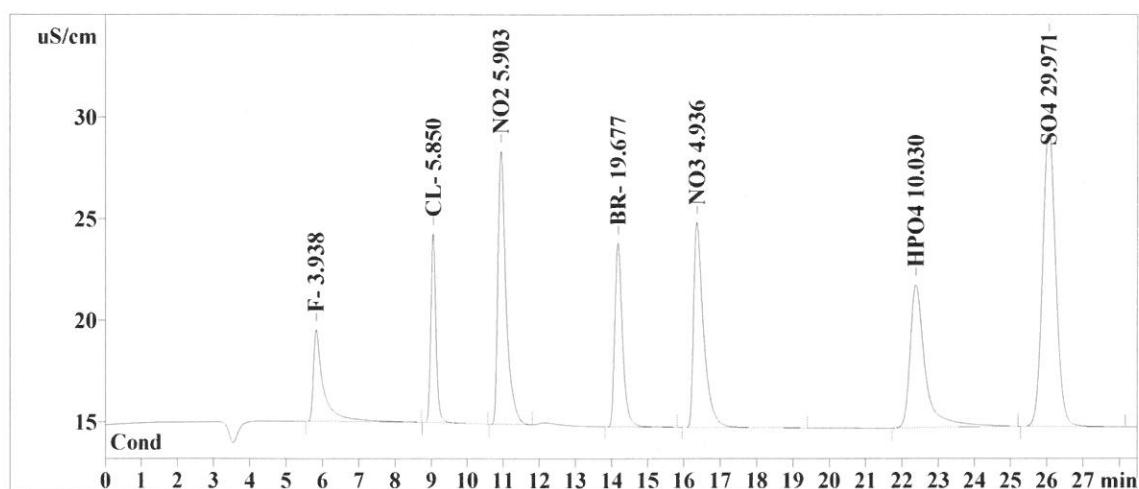
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File: _2019-12-31_

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

Ident: STD7
Analysis from: 12/31/2019 7:40:46 PM
File: _2019-12-31_

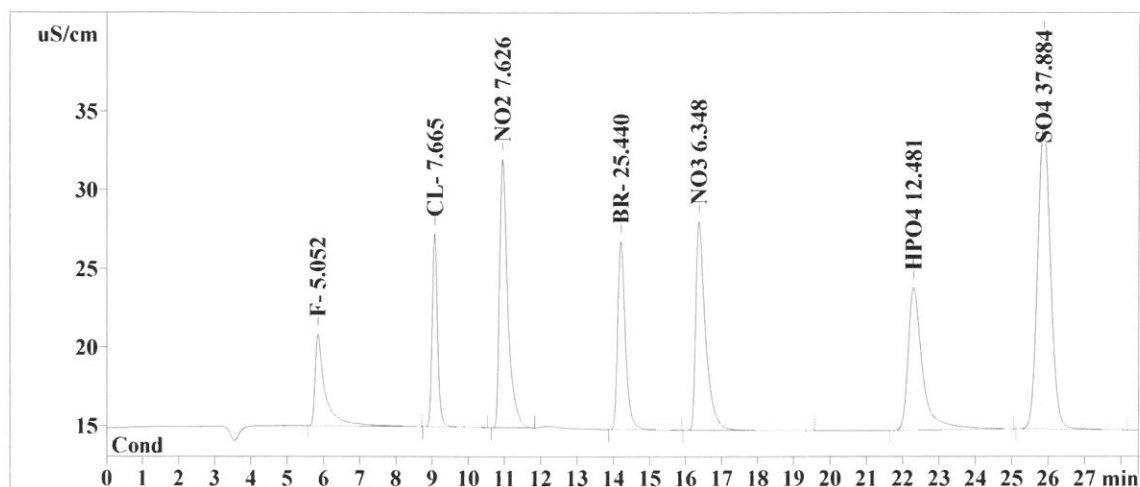
Last save: 1/2/2020 8:51:12 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 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
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Report date: 1/2/2020 9:54:47 AM
Printed by: wet

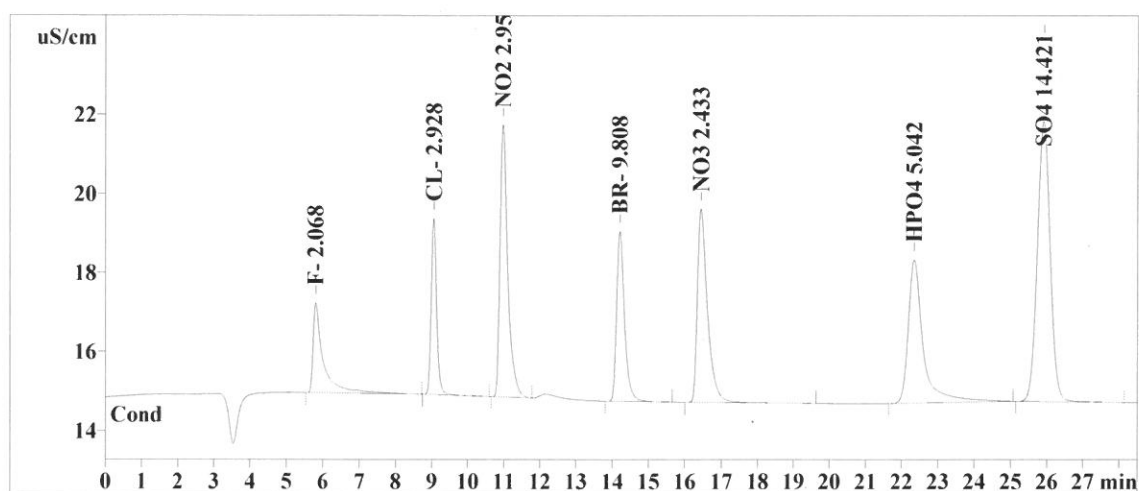
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Analysis from: 12/31/2019 8:12:11 PM
File: _2019-12-31_

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

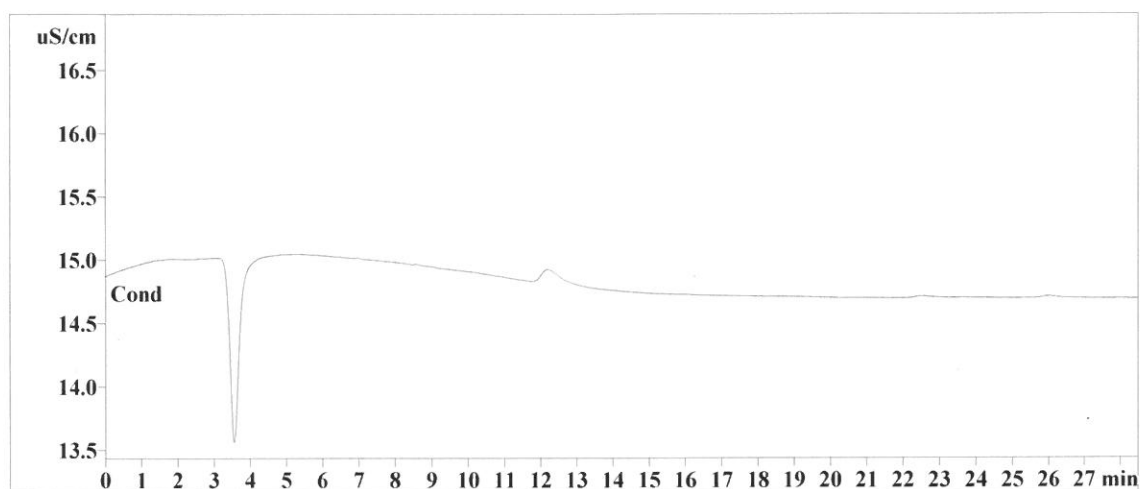
Ident: ICB
Analysis from: 12/31/2019 8:43:35 PM
File: _2019-12-31_

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: 1/22/2020 1:13:11 PM
Printed by: wet

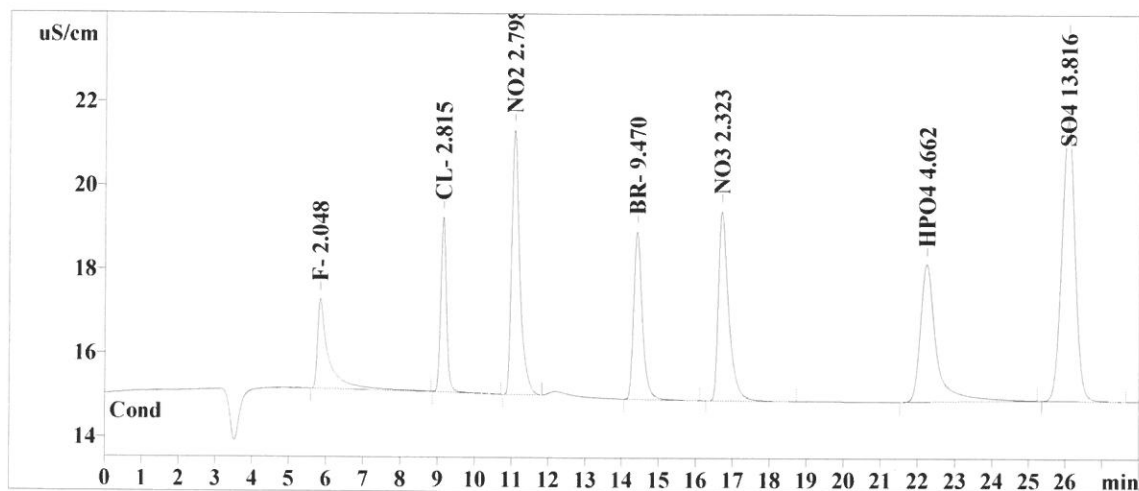
Ident: CCV
Analysis from: 1/21/2020 8:56:03 AM
File: _2020-01-21_

Last save: 1/21/2020 9:23:52 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69606

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	5.84	0.234	2.14	6.90	45.142	7.45	0.
2	9.14	0.159	4.15	13.39	44.460	7.34	0.
3	11.06	0.222	6.30	20.29	97.391	16.08	0.
4	14.40	0.240	3.98	12.84	64.730	10.69	0.
5	16.69	0.286	4.50	14.52	88.835	14.67	0.
6	22.22	0.385	3.27	10.55	97.927	16.17	0.
7	26.06	0.383	6.67	21.50	167.258	27.61	0.
7	28.00	0.273	31.02	99.99	605.745	100.00	0.

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Report date: 1/22/2020 1:13:20 PM
Printed by: wet

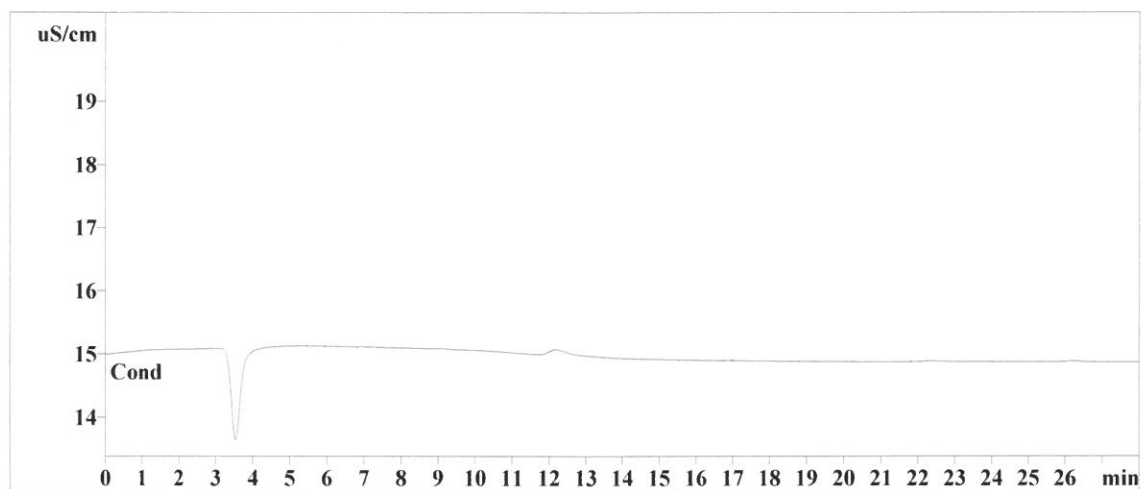
Ident: CCB
Analysis from: 1/21/2020 9:37:08 AM
File: _2020-01-21_

Last save: 1/21/2020 10:04:56 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69607

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: 1/22/2020 1:13:28 PM
Printed by: wet

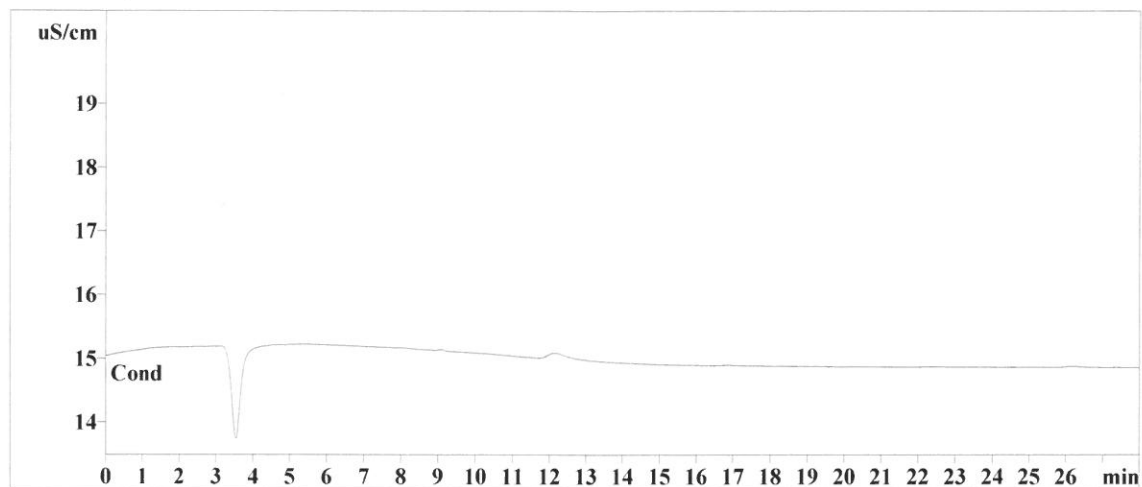
Ident: LB107291BLW
Analysis from: 1/21/2020 10:08:02 AM
File: _2020-01-21_

Last save: 1/22/2020 1:13:02 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69608

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: 1/22/2020 1:13:36 PM
 Printed by: wet

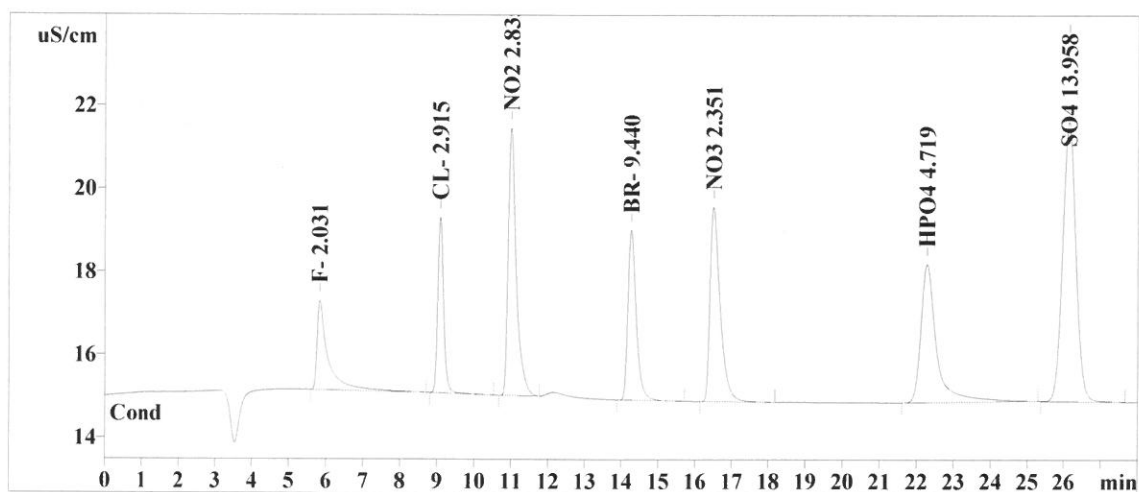
Ident: LB107291BSW
 Analysis from: 1/21/2020 10:38:57 AM
 File: _2020-01-21_

Last save: 1/22/2020 1:13:02 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69609

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	5.83	0.233	2.15	6.78	44.758	7.31	0.
2	9.09	0.162	4.22	13.35	46.096	7.53	0.
3	10.99	0.220	6.43	20.35	98.736	16.13	0.
4	14.26	0.234	4.08	12.91	64.518	10.54	0.
5	16.49	0.281	4.68	14.79	89.968	14.70	0.
6	22.27	0.384	3.33	10.52	99.058	16.18	0.
7	26.13	0.384	6.73	21.29	169.057	27.62	0.
7	28.00	0.271	31.62	99.99	612.190	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 1/22/2020 1:13:47 PM
Printed by: wet

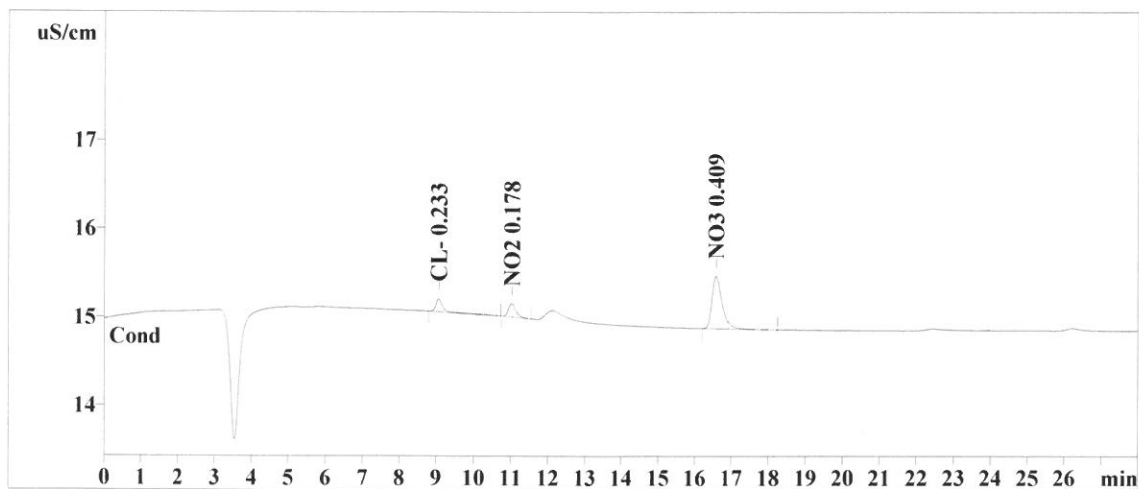
Ident: L1212-01
Analysis from: 1/21/2020 11:12:38 AM
File: _2020-01-21_

Last save: 1/21/2020 11:40:26 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69610

Last save: 1/2/2020 10:05:12 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.07	0.166	0.14	16.25	1.962	12.44	0.
3	11.03	0.209	0.15	17.21	2.208	14.01	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.57	0.287	0.59	66.46	11.598	73.55	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	0.095	0.89	99.91	15.768	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/22/2020 1:15:14 PM
Printed by: wet

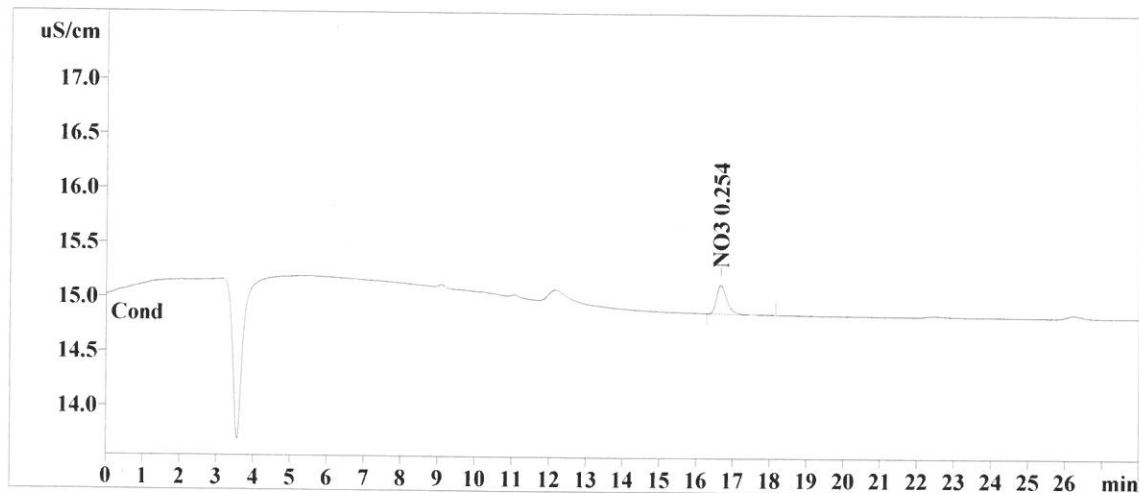
Ident: L1212-02
Analysis from: 1/21/2020 11:43:33 AM
File: _2020-01-21_

Last save: 1/22/2020 1:15:14 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69611

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

SAMPLE:
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	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	16.65	0.291	0.27	99.92	5.343	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	0.042	0.27	99.92	5.343	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/22/2020 1:15:30 PM
Printed by: wet

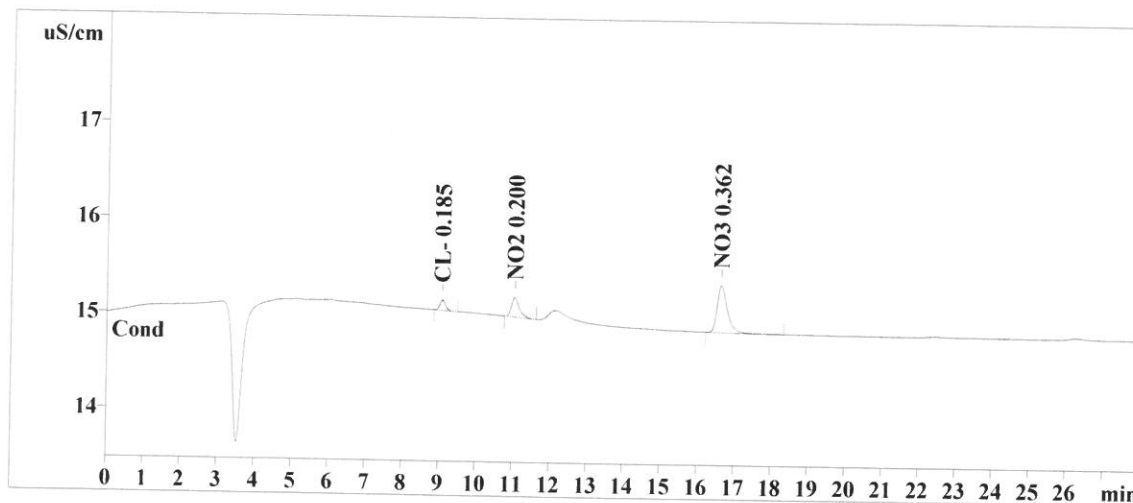
Ident: L1212-03
Analysis from: 1/21/2020 12:14:28 PM
File: _2020-01-21_

Last save: 1/21/2020 12:42:16 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69612

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

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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.07	0.163	0.11	13.53	1.176	8.48	0.
3	11.04	0.212	0.20	25.42	3.008	21.67	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.62	0.289	0.49	60.99	9.694	69.85	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	0.095	0.80	99.93	13.878	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/22/2020 1:15:47 PM
Printed by: wet

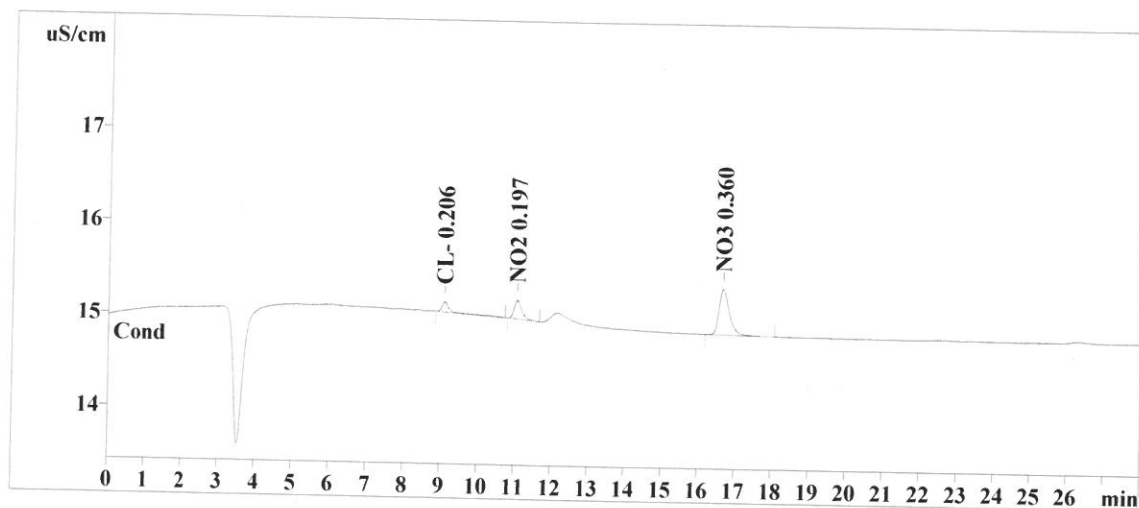
Ident: L1212-03DUP
Analysis from: 1/21/2020 12:45:22 PM
File: _2020-01-21_

Last save: 1/21/2020 1:13:12 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69613

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	9.09	0.167	0.11	13.69	1.527	10.83	0.
3	11.05	0.210	0.20	25.15	2.933	20.80	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.64	0.290	0.49	60.88	9.640	68.37	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	0.095	0.80	99.72	14.100	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/22/2020 1:15:55 PM
 Printed by: wet

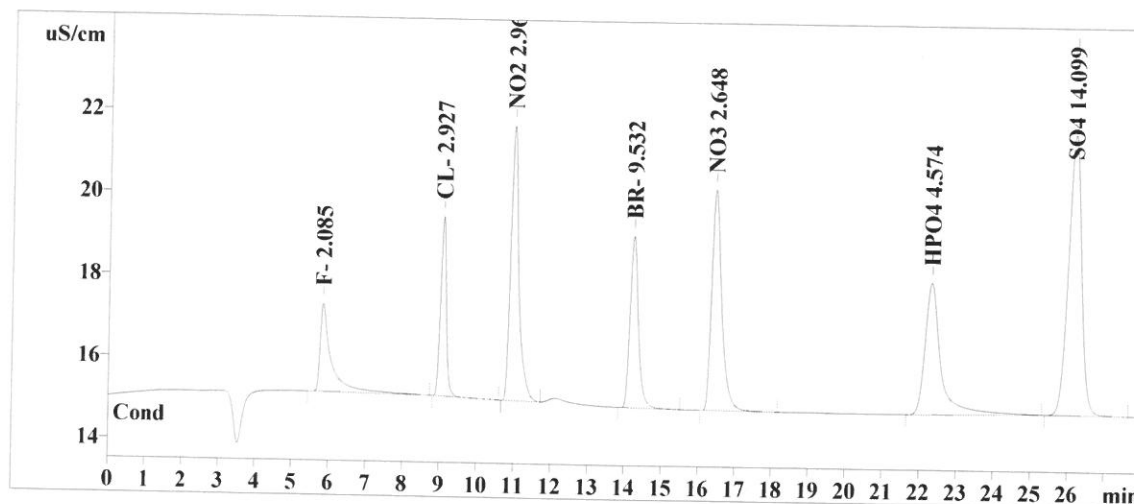
Ident: L1212-03MS
 Analysis from: 1/21/2020 1:16:17 PM
 File: _2020-01-21_

Last save: 1/21/2020 1:44:06 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69614

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	5.82	0.237	2.14	6.54	46.015	7.30	0.
2	9.06	0.158	4.36	13.34	46.292	7.35	0.
3	10.94	0.221	6.67	20.40	103.573	16.44	0.
4	14.21	0.232	4.17	12.76	65.171	10.34	0.
5	16.41	0.278	5.35	16.37	101.957	16.18	0.
6	22.29	0.385	3.20	9.77	96.207	15.27	0.
7	26.14	0.384	6.81	20.83	170.857	27.12	0.
7	28.00	0.271	32.71	100.00	630.072	100.00	0.

This report has been created by IC Net
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Report date: 1/22/2020 1:16:04 PM
 Printed by: wet

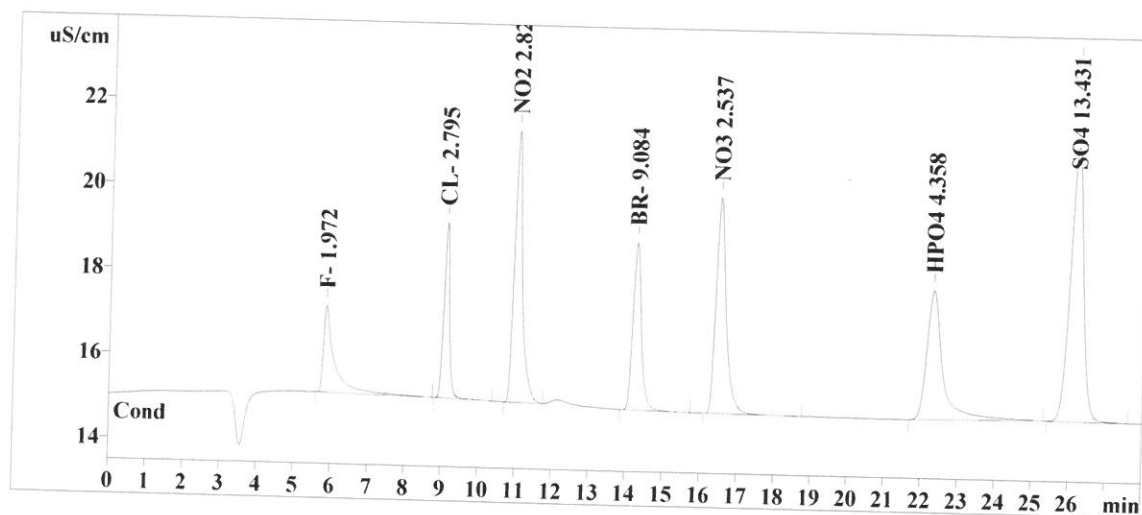
Ident: L1212-03MSD
 Analysis from: 1/21/2020 1:47:12 PM
 File: _2020-01-21_

Last save: 1/21/2020 2:15:00 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69615

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	5.84	0.239	2.03	6.55	43.356	7.23	0.
2	9.08	0.159	4.13	13.31	44.124	7.36	0.
3	10.97	0.220	6.38	20.56	98.486	16.42	0.
4	14.24	0.234	3.93	12.66	61.977	10.33	0.
5	16.45	0.280	5.07	16.34	97.470	16.25	0.
6	22.29	0.387	3.04	9.80	91.980	15.34	0.
7	26.14	0.386	6.44	20.77	162.341	27.07	0.
7	28.00	0.272	31.01	99.99	599.734	100.00	0.

This report has been created by IC Net
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Report date: 1/22/2020 1:16:17 PM
 Printed by: wet

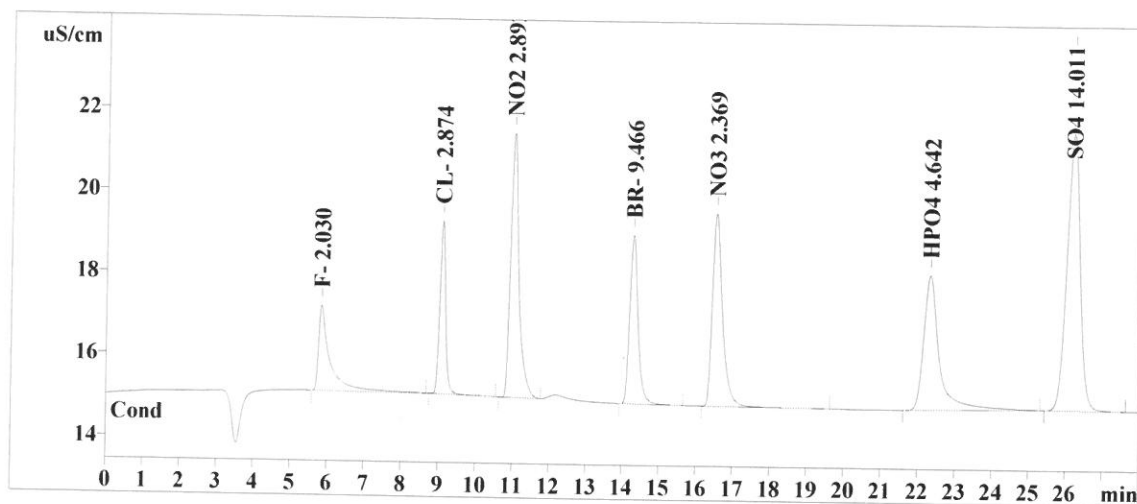
Ident: CCV
 Analysis from: 1/21/2020 2:18:07 PM
 File: _2020-01-21_

Last save: 1/21/2020 2:45:56 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69616

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	0.240	2.07	6.58	44.725	7.29	0.
2	9.08	0.160	4.21	13.35	45.433	7.40	0.
3	10.99	0.224	6.44	20.41	100.798	16.43	0.
4	14.27	0.234	4.10	13.00	64.703	10.54	0.
5	16.50	0.281	4.69	14.88	90.706	14.78	0.
6	22.30	0.384	3.27	10.37	97.551	15.90	0.
7	26.16	0.385	6.75	21.40	169.732	27.66	0.
7	28.00	0.273	31.54	99.99	613.648	100.00	0.

This report has been created by IC Net
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Report date: 1/22/2020 1:16:25 PM
Printed by: wet

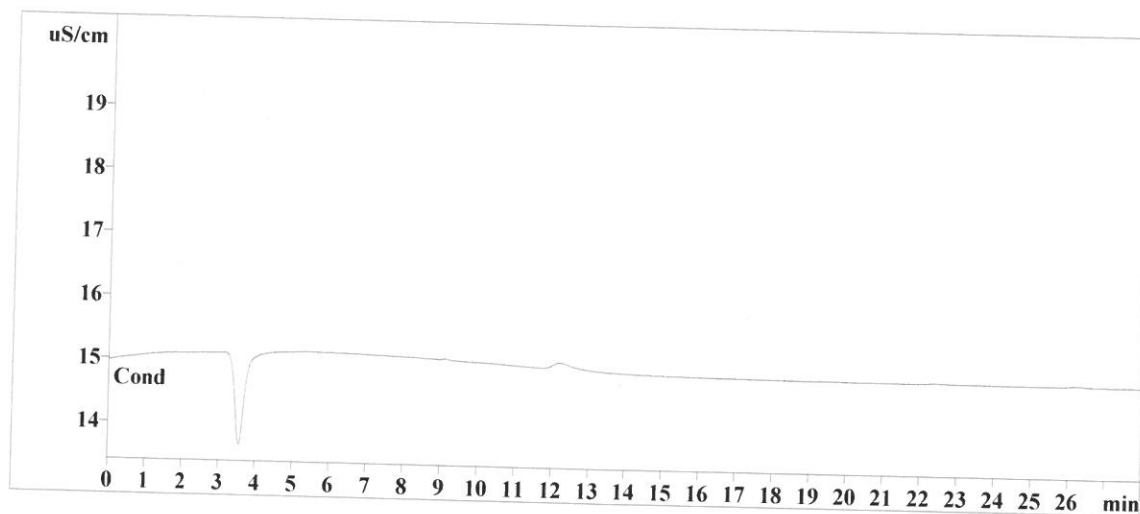
Ident: CCB
Analysis from: 1/21/2020 3:50:13 PM
File: _2020-01-21_

Last save: 1/21/2020 4:18:02 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69617

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