

IC-1 300.0
01-16-2020 AK

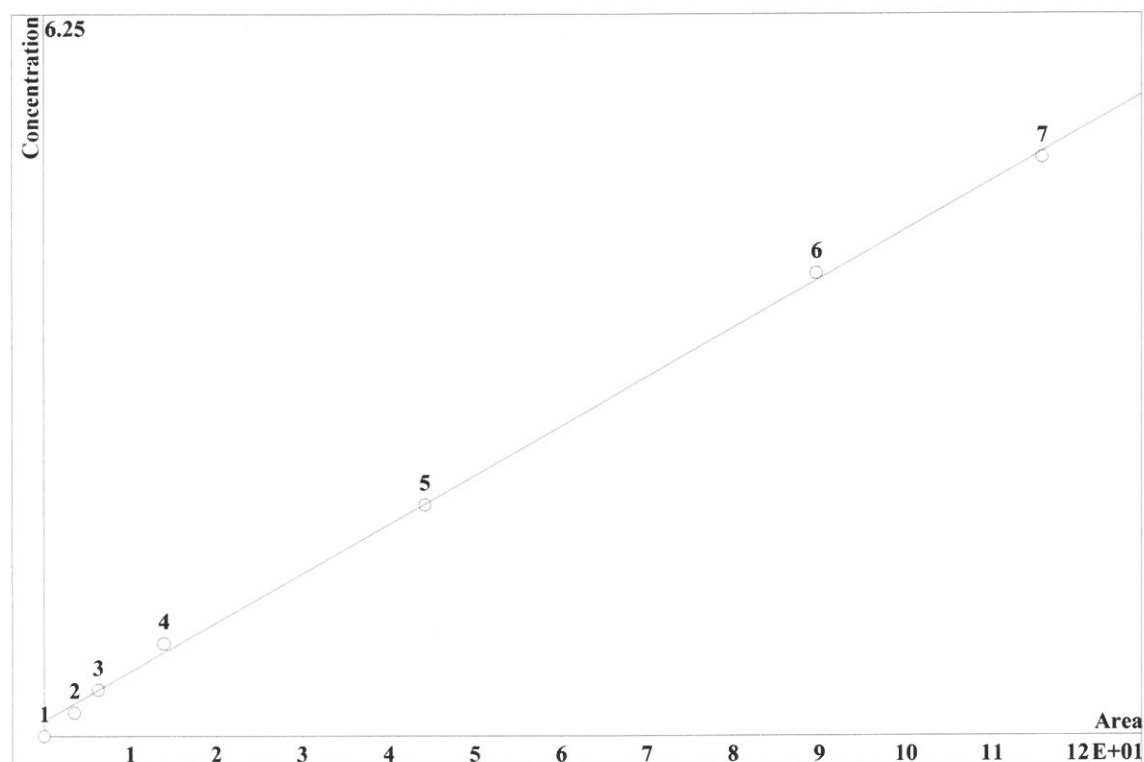
Clear table

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	2.1040	2.8770	2.9360	9.5660	2.4100	4.9680	14.1670	2020-01-15_	1/15/20 14:45		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-15_	1/15/20 15:16		AK/AP
LB107182BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-15_	1/15/20 15:52		AK/AP
LB107182BSW	2.1060	2.9210	2.9040	9.5810	2.3820	4.8130	14.0700	2020-01-15_	1/15/20 16:23		AK/AP
L1142-02	1.4480	264.9840	0.0000	1.4770	0.8830	0.0000	20.4610	2020-01-15_	1/15/20 16:53		AK/AP
L1145-01	0.3660	43.1440	0.0000	0.0000	0.2050	0.0000	9.4540	2020-01-15_	1/15/20 17:24		AK/AP
L1145-02	0.5100	450.2660	0.0000	1.3550	0.7330	0.0000	39.6450	2020-01-15_	1/15/20 17:55		AK/AP
L1145-02DUP	0.5410	451.0320	0.0000	1.3390	0.7380	0.0000	39.7020	2020-01-15_	1/15/20 18:26		AK/AP
L1145-02MS	2.4850	409.2070	0.3900	10.6090	3.0670	5.9660	52.5240	2020-01-15_	1/15/20 18:57		AK/AP
L1145-02MSD	2.3770	410.9610	0.3530	10.1530	2.9800	5.7950	51.8970	2020-01-15_	1/15/20 19:28		AK/AP
CCV	1.9860	2.8710	2.9110	9.5330	2.4010	5.1910	14.1560	2020-01-15_	1/15/20 19:59		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2020-01-15_	1/15/20 20:30		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



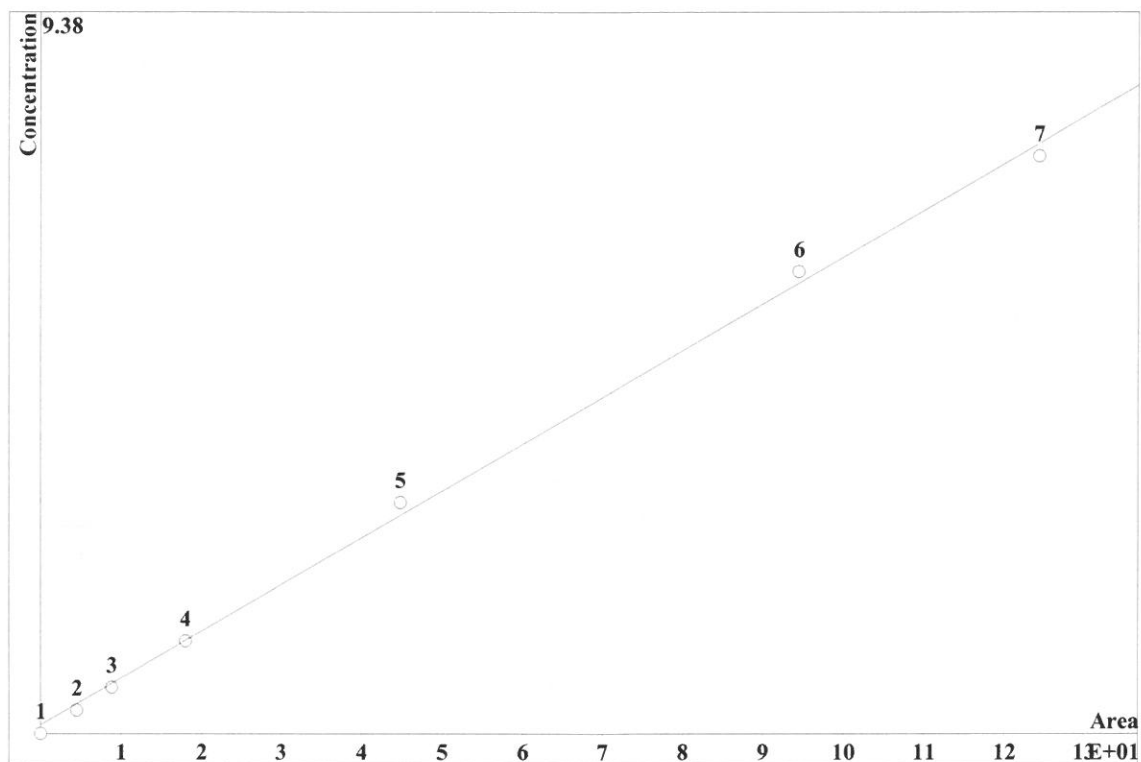
K3 = 0 K2 = 0 K1 = 0.849336 K0 = 2.61321

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



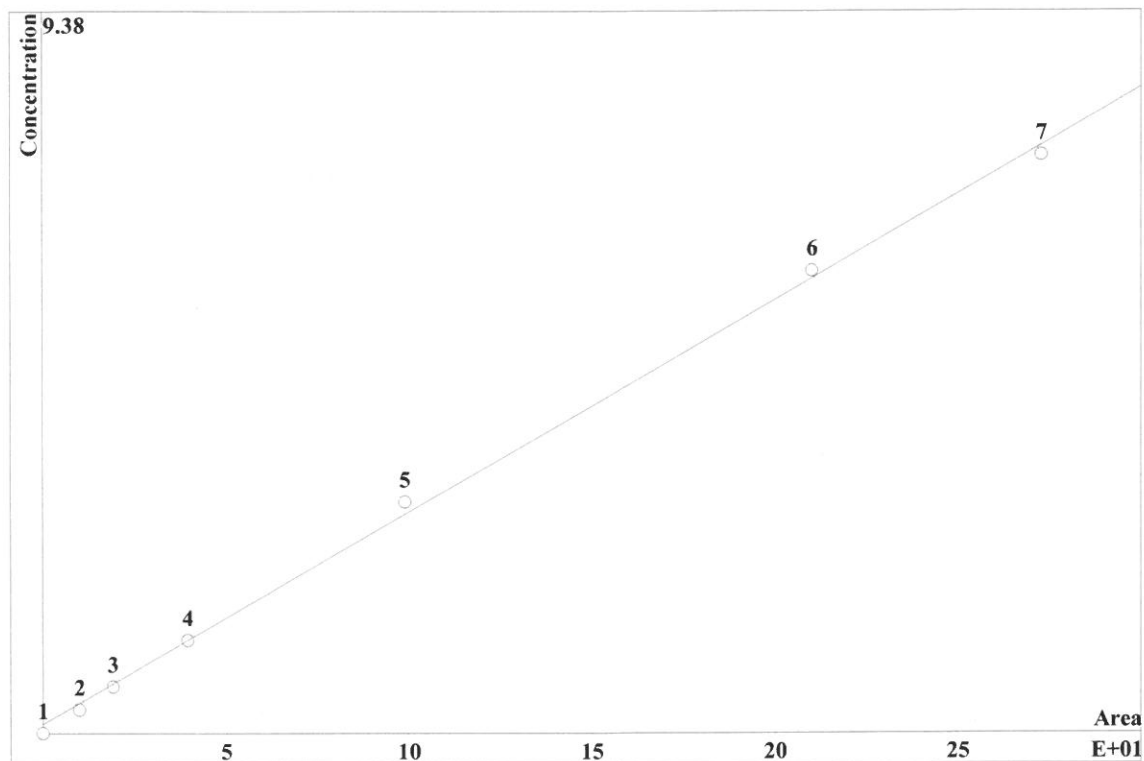
K3 = 0 K2 = 0 K1 = 1.21528 K0 = 2.27388

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



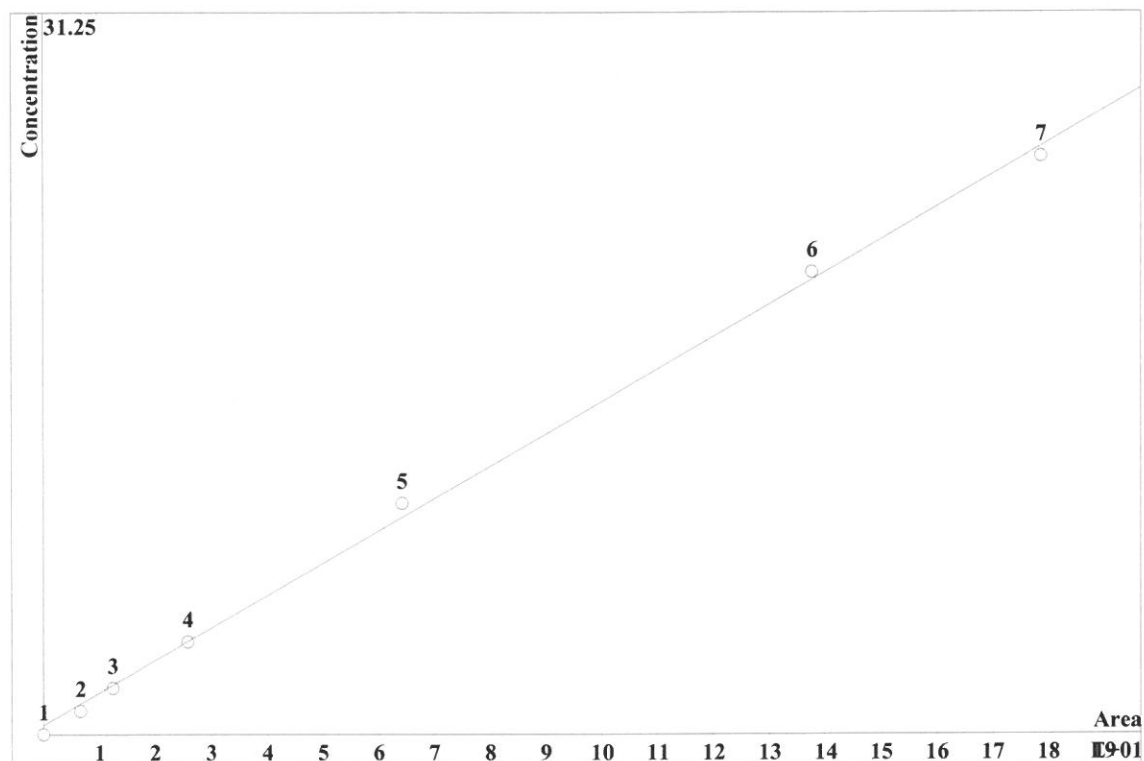
K3 = 0 K2 = 0 K1 = 0.550657 K0 = 2.33469

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



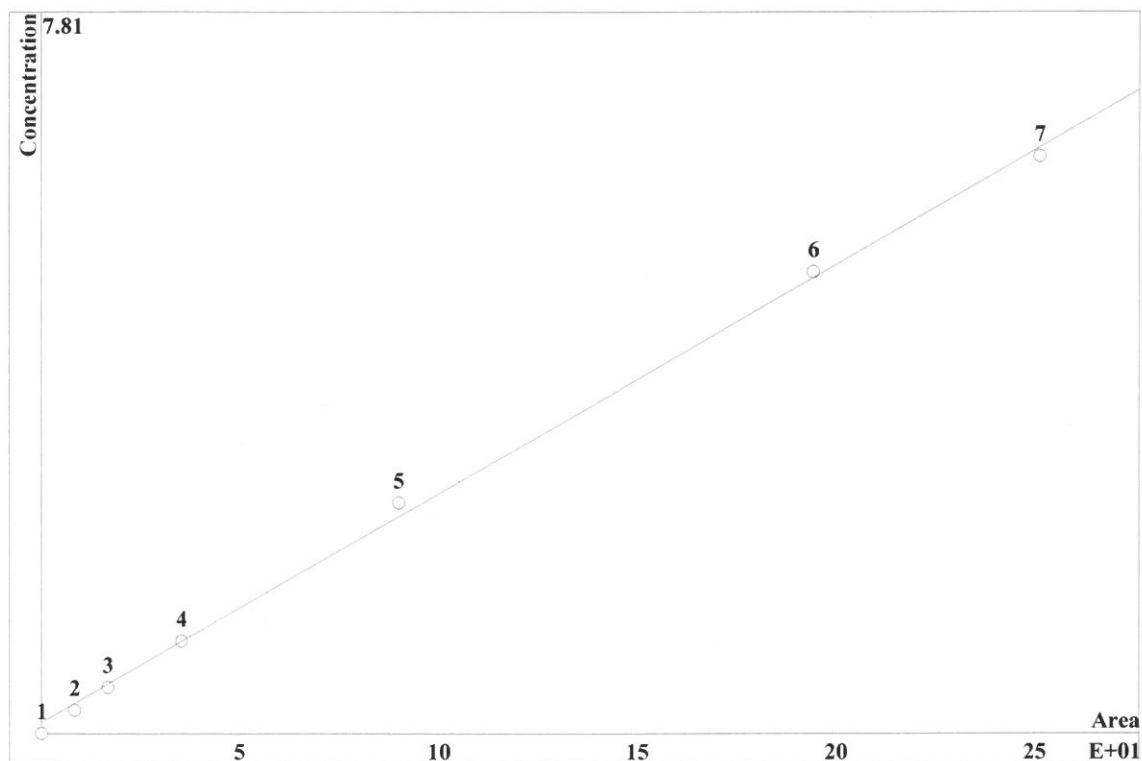
K3 = 0 K2 = 0 K1 = 2.80317 K0 = 7.95413

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

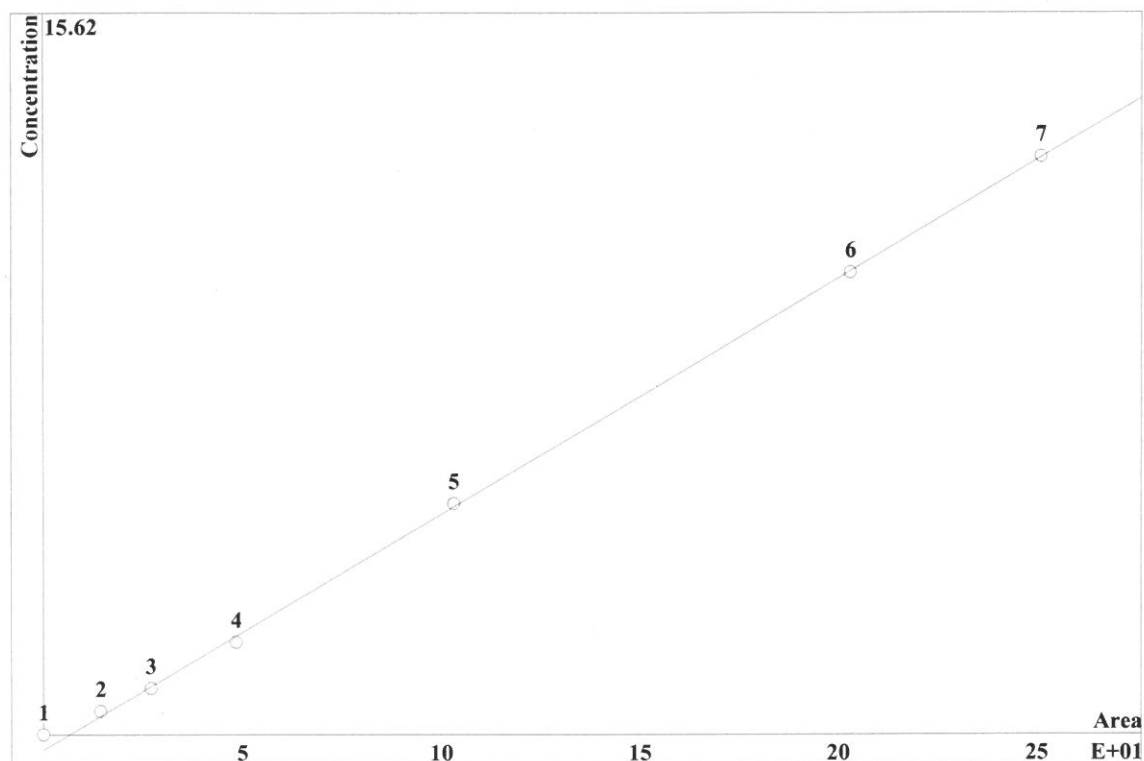
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		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

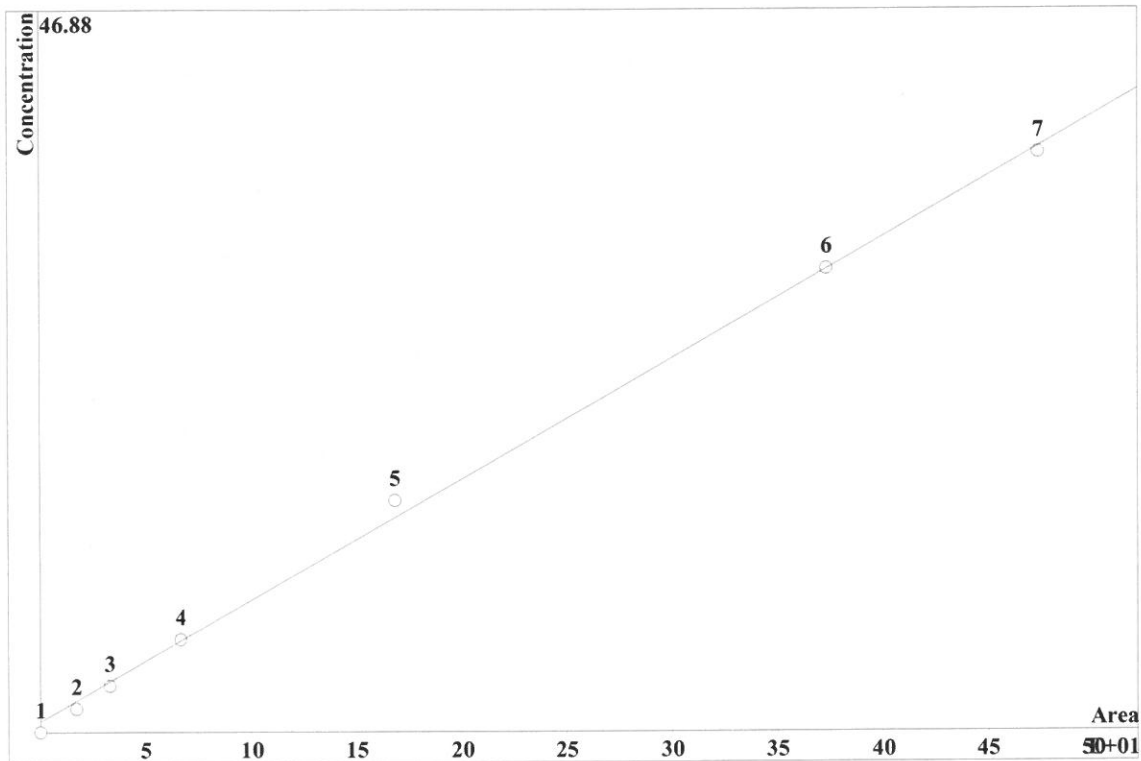


K3 = 0 K2 = 0 K1 = 1.02048 K0 = -6.70236
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

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

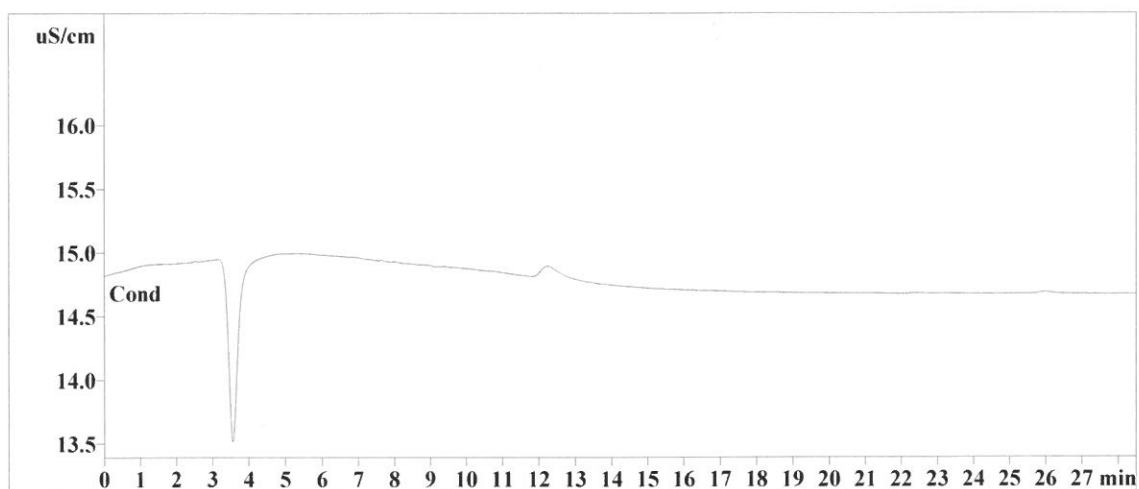
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Last save: 1/2/2020 8:49:56 AM

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

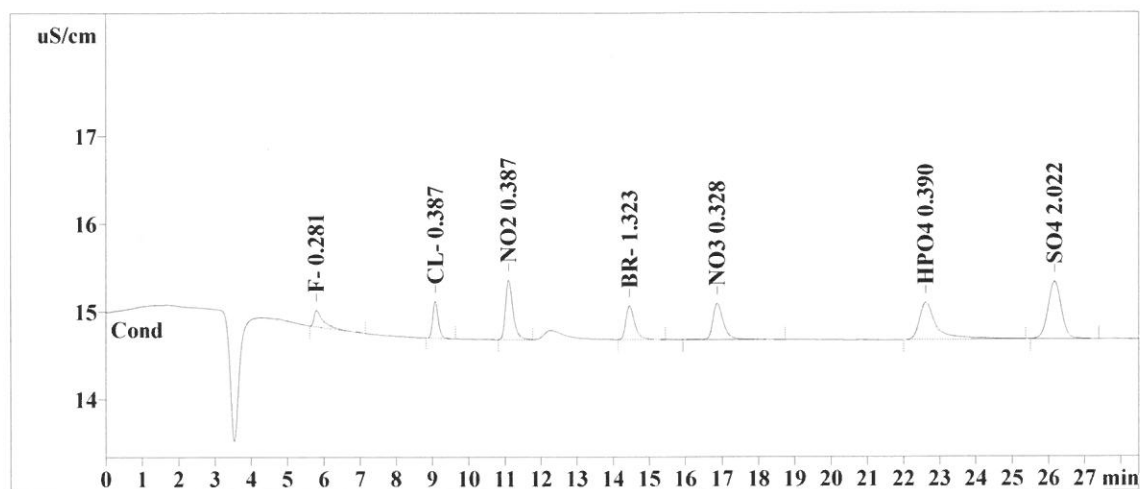
Ident: STD2
Analysis from: 12/31/2019 5:03:45 PM
File: _2019-12-31_

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

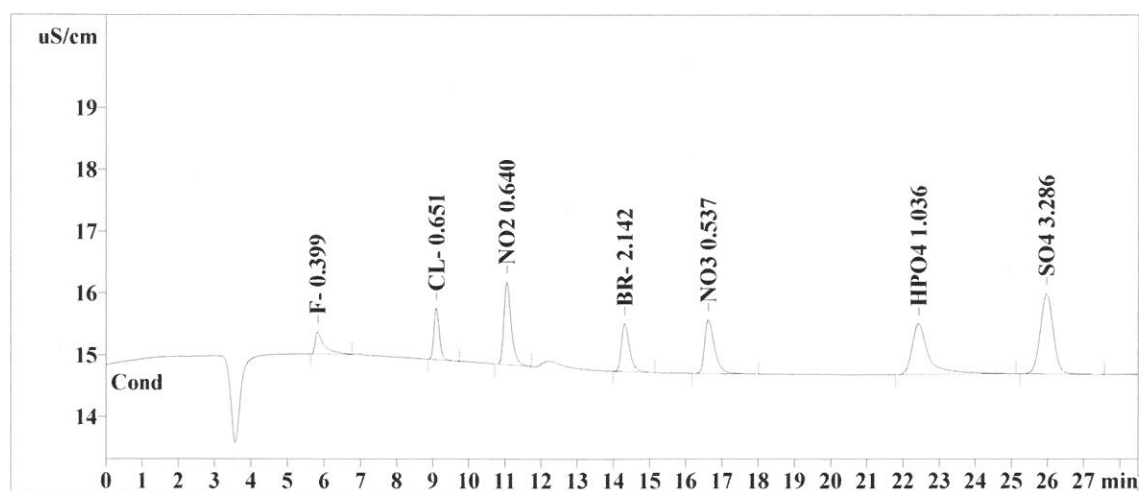
Last save: 1/2/2020 8:49:58 AM

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

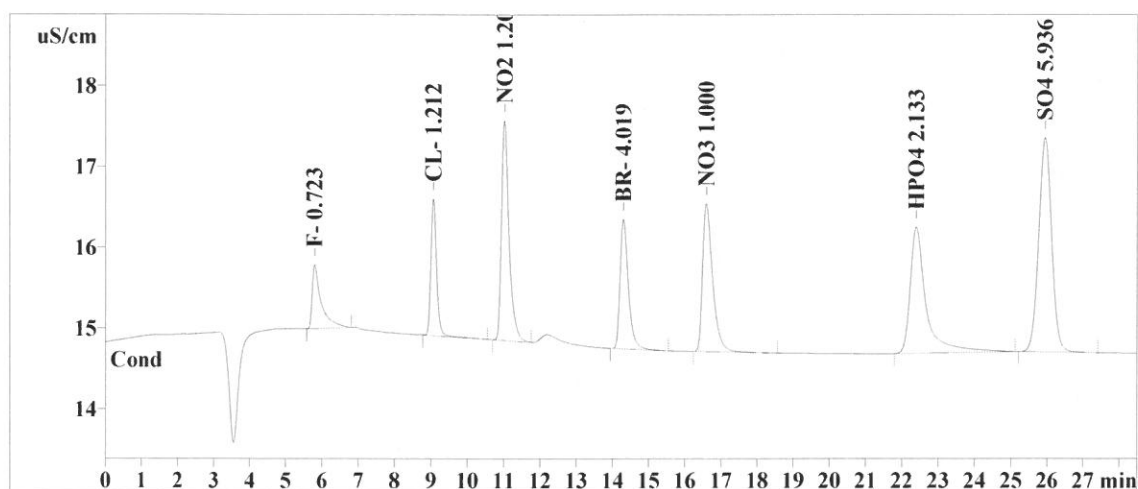
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Analysis from: 12/31/2019 6:06:33 PM
File: _2019-12-31_

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

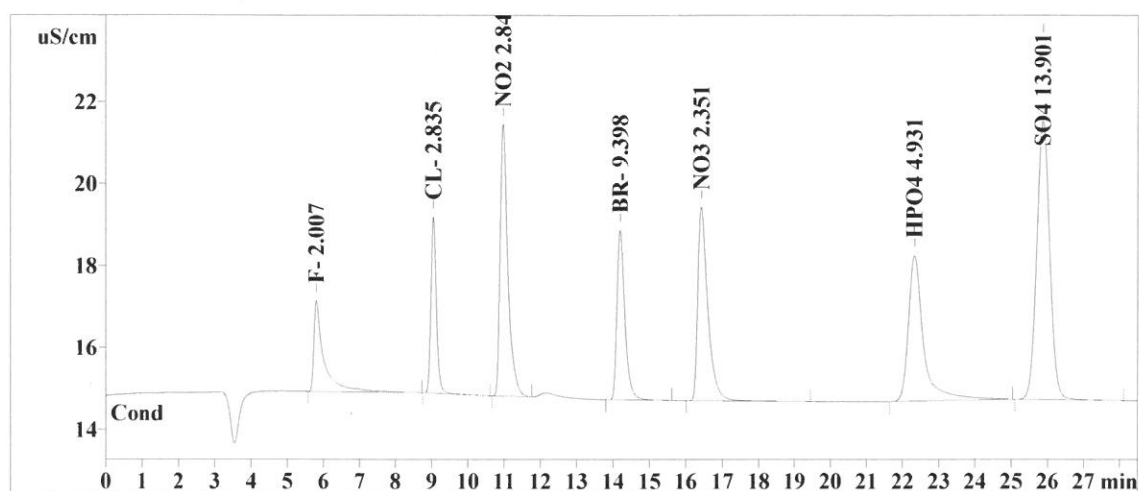
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File: _2019-12-31_

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

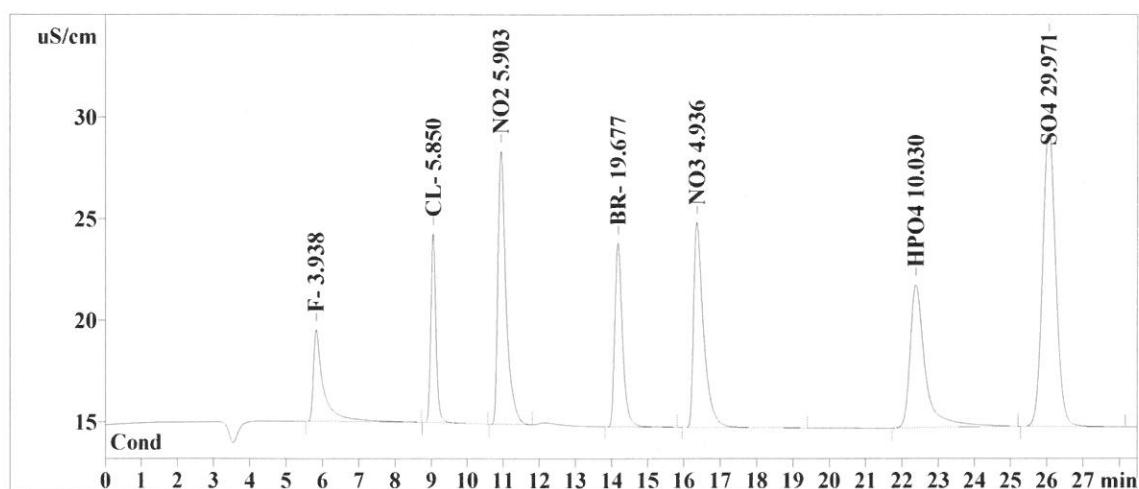
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File: _2019-12-31_

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

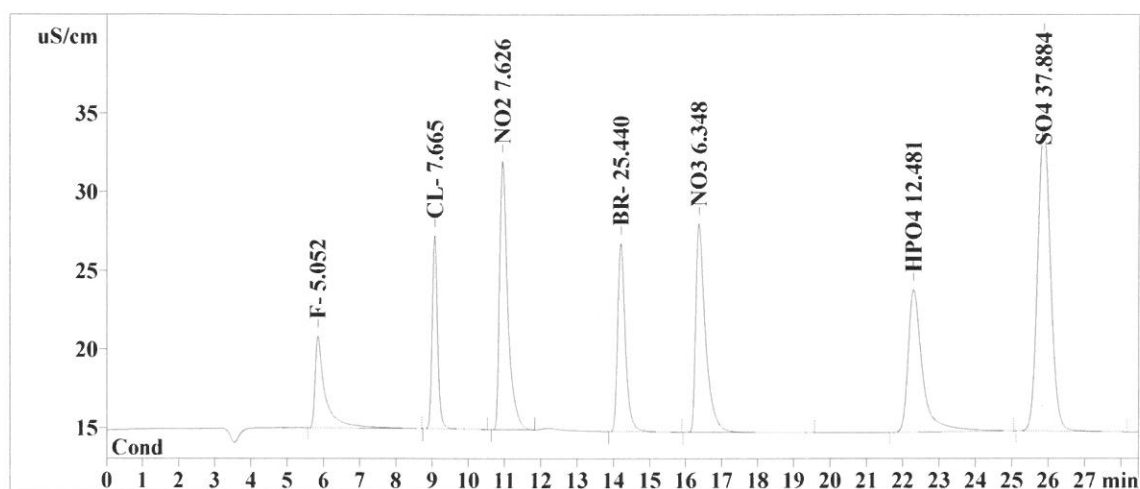
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File: _2019-12-31_

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

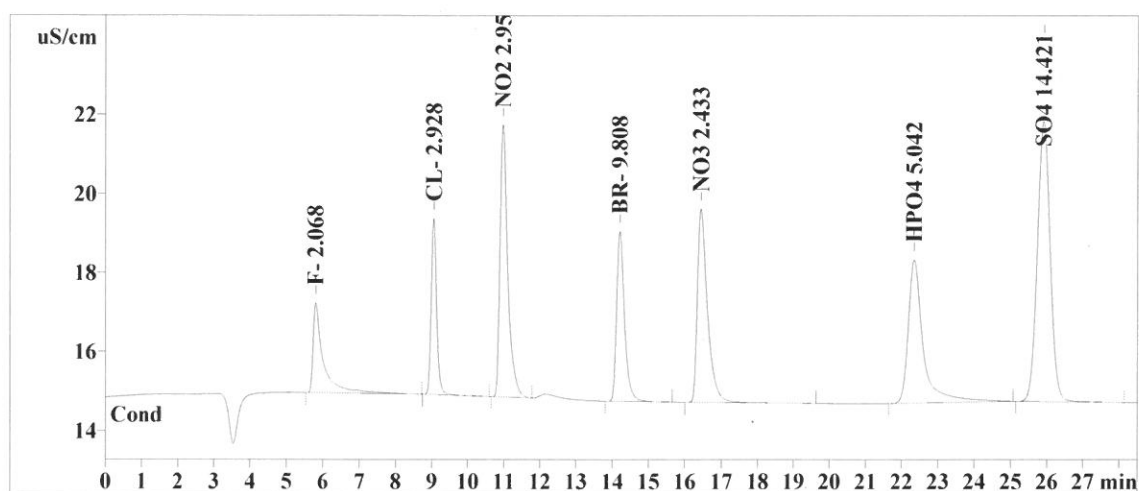
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Analysis from: 12/31/2019 8:12:11 PM
File: _2019-12-31_

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

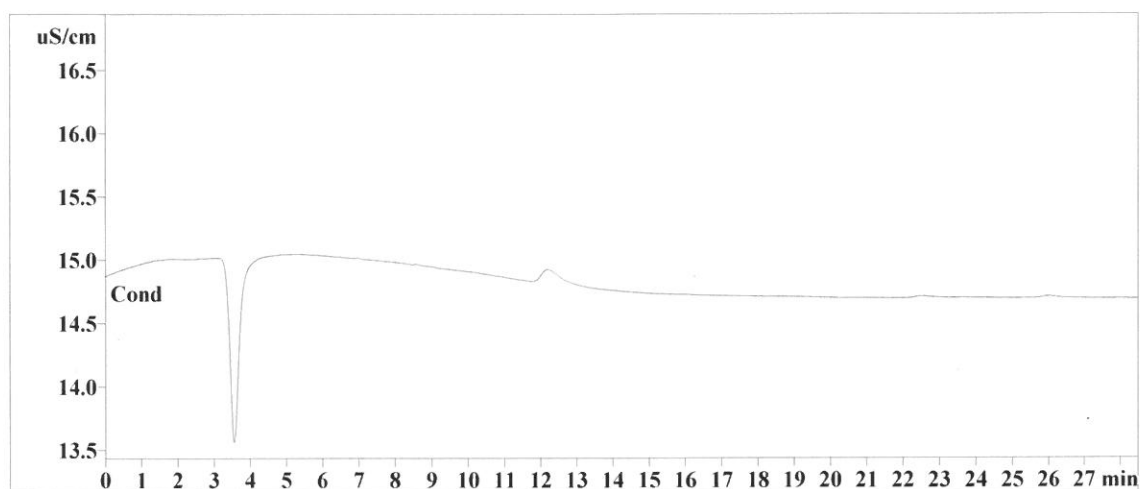
Ident: ICB
Analysis from: 12/31/2019 8:43:35 PM
File: _2019-12-31_

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: 1/16/2020 10:21:42 AM
Printed by: wet

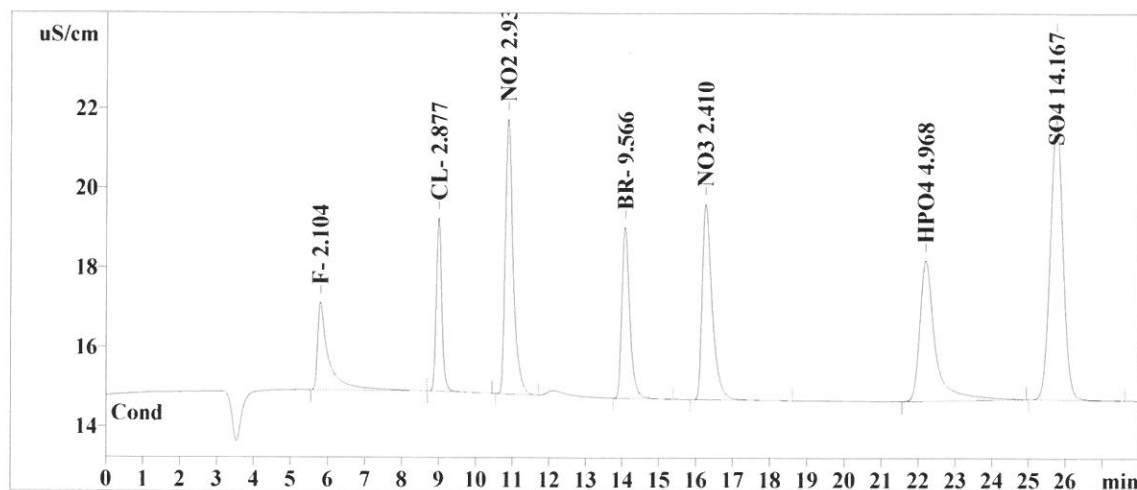
Ident: CCV
Analysis from: 1/15/2020 2:45:42 PM
File: _2020-01-15_

Last save: 1/15/2020 3:13:30 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69516

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	5.80	0.235	2.20	6.62	46.475	7.40	0.
2	8.99	0.154	4.36	13.13	45.475	7.24	0.
3	10.87	0.213	6.91	20.79	102.384	16.31	0.
4	14.06	0.225	4.30	12.93	65.412	10.42	0.
5	16.25	0.274	4.92	14.81	92.324	14.71	0.
6	22.19	0.380	3.53	10.62	103.931	16.56	0.
7	25.74	0.374	7.01	21.10	171.726	27.36	0.
7	28.00	0.265	33.23	100.00	627.726	100.00	0.

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Report date: 1/16/2020 10:21:50 AM
Printed by: wet

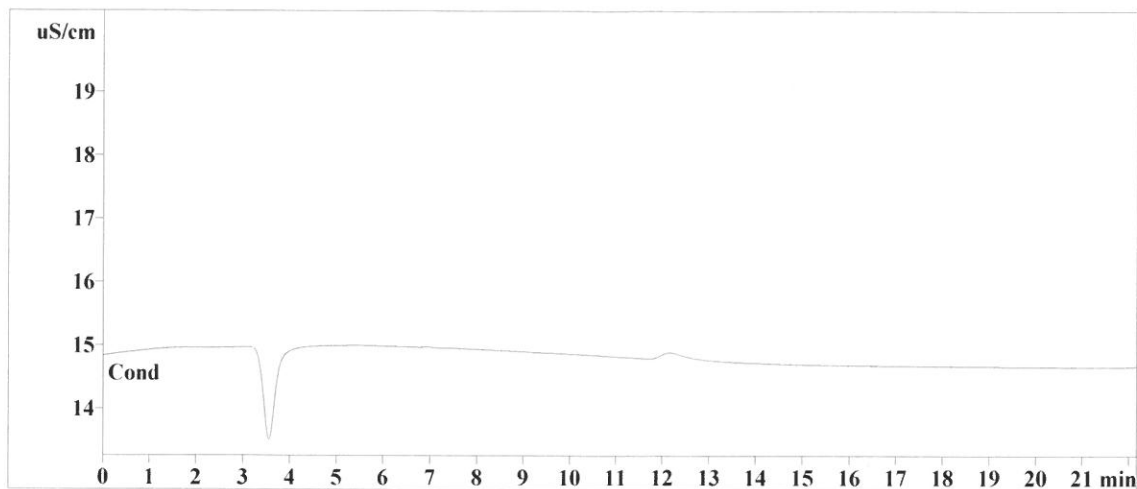
Ident: CCB
Analysis from: 1/15/2020 3:16:37 PM
File: _2020-01-15_

Last save: 1/15/2020 3:38:38 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69517

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: 1/16/2020 10:21:58 AM
Printed by: wet

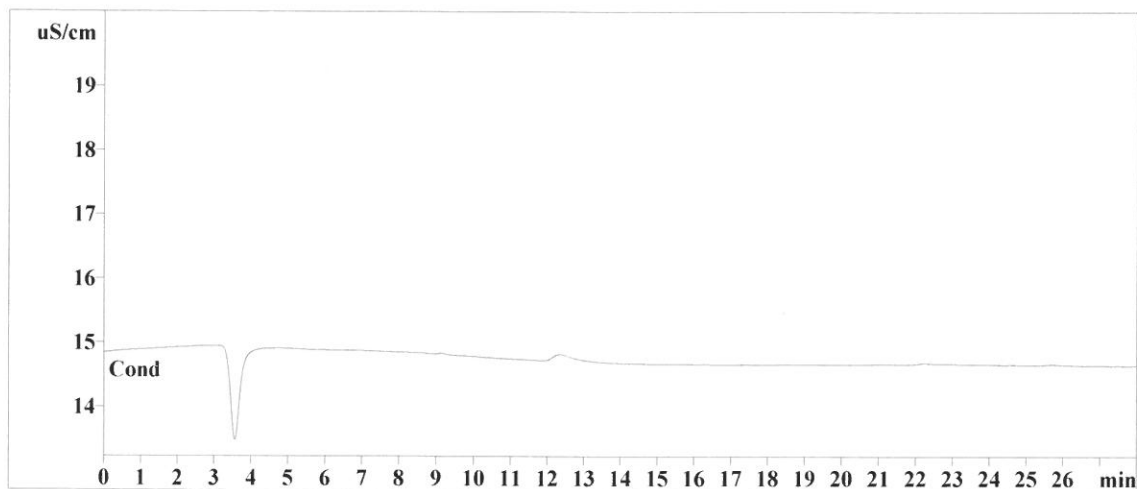
Ident: LB107182BLW
Analysis from: 1/15/2020 3:52:05 PM
File: _2020-01-15_

Last save: 1/16/2020 10:21:36 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69520

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: 1/16/2020 10:22:06 AM
Printed by: wet

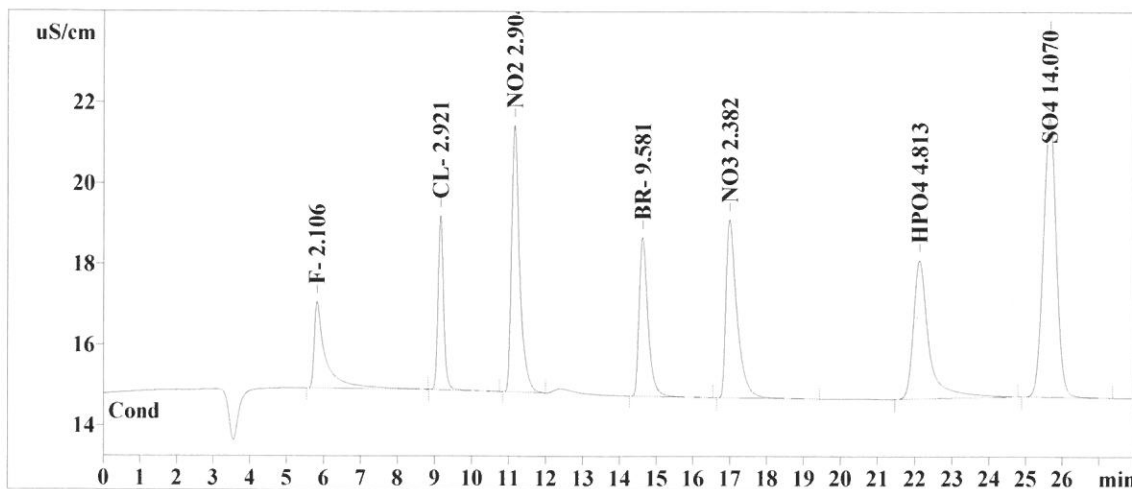
Ident: LB107182BSW
Analysis from: 1/15/2020 4:23:00 PM
File: _2020-01-15_

Last save: 1/16/2020 10:21:36 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69521

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	5.81	0.235	2.13	6.74	46.506	7.48	0.
2	9.15	0.159	4.30	13.56	46.205	7.43	0.
3	11.14	0.220	6.60	20.82	101.245	16.27	0.
4	14.61	0.243	3.93	12.39	65.524	10.53	0.
5	16.98	0.298	4.40	13.89	91.224	14.66	0.
6	22.11	0.384	3.42	10.80	100.897	16.22	0.
7	25.64	0.377	6.90	21.78	170.494	27.41	0.
7	28.00	0.274	31.68	100.00	622.095	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/16/2020 10:30:01 AM
Printed by: wet

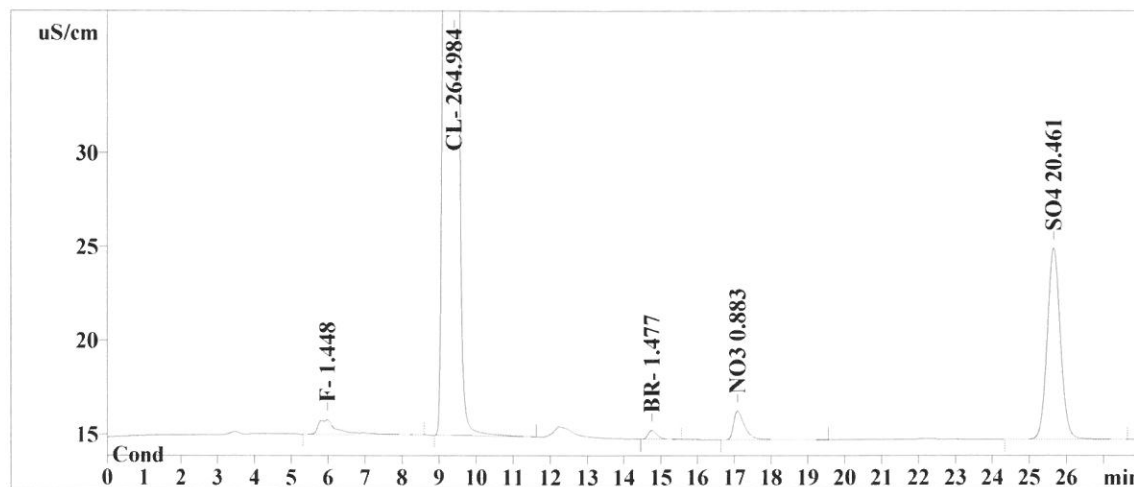
Ident: L1142-02
Analysis from: 1/15/2020 4:53:54 PM
File: _2020-01-15_

Last save: 1/16/2020 10:29:46 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69522

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	5.97	0.437	0.79	0.28	31.009	0.66	0.
2	9.39	0.259	270.05	95.41	4358.998	93.13	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.75	0.248	0.46	0.16	7.701	0.16	0.
5	17.08	0.294	1.51	0.53	30.716	0.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.64	0.376	10.17	3.59	251.923	5.38	0.
7	28.00	0.231	282.98	99.98	4680.347	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/16/2020 10:30:17 AM
Printed by: wet

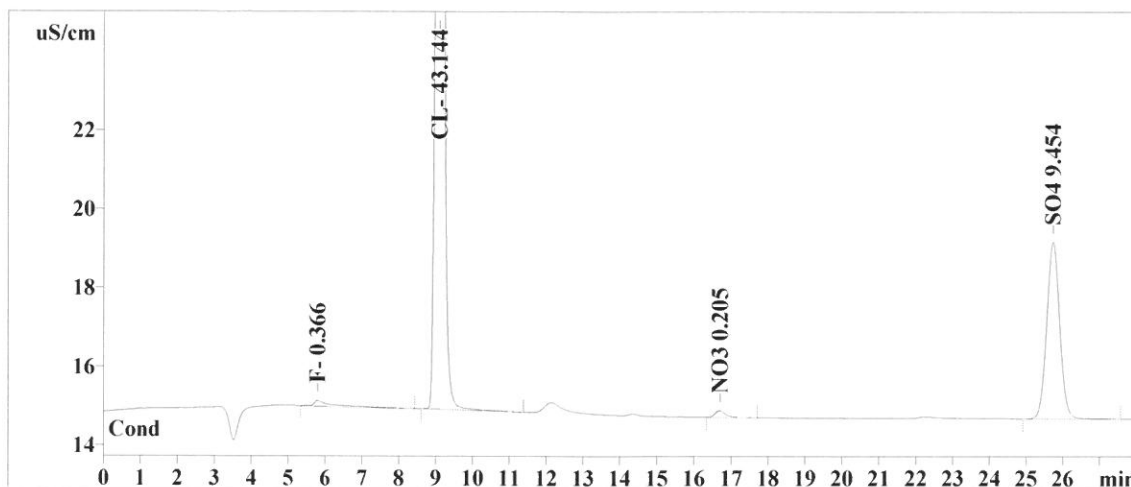
Ident: L1145-01
Analysis from: 1/15/2020 5:24:49 PM
File: _2020-01-15_

Last save: 1/15/2020 5:52:38 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69523

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

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.78	0.314	0.15	0.21	5.542	0.67	0.
2	9.08	0.164	64.78	93.10	708.161	85.45	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	0.291	0.17	0.24	3.366	0.41	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.73	0.380	4.49	6.45	111.669	13.47	0.
7	28.00	0.164	69.58	100.00	828.738	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/16/2020 10:30:31 AM
Printed by: wet

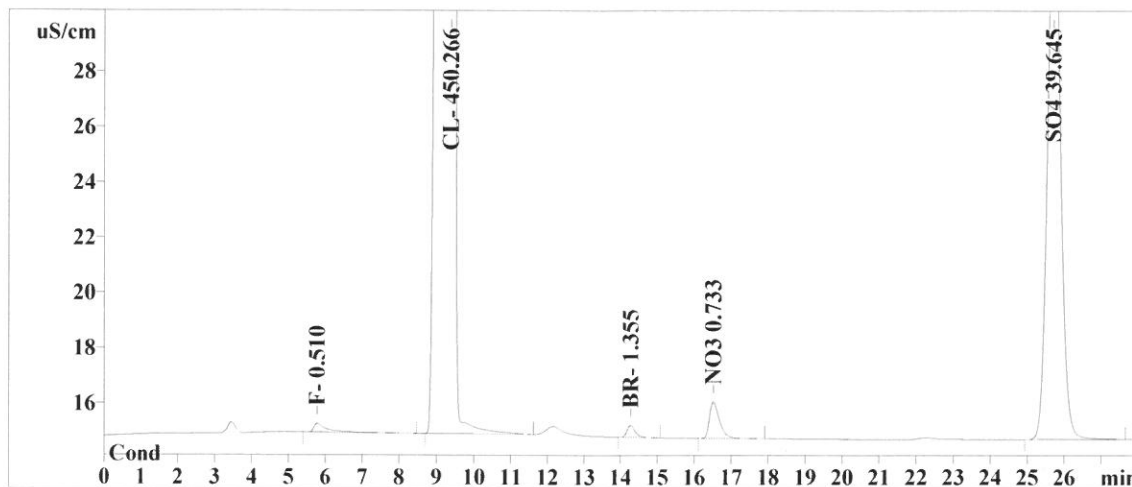
Ident: L1145-02
Analysis from: 1/15/2020 5:55:44 PM
File: _2020-01-15_

Last save: 1/15/2020 6:23:32 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69524

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	5.78	0.303	0.32	0.08	8.939	0.11	0.
2	9.37	0.339	366.92	94.18	7408.187	93.24	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.27	0.238	0.43	0.11	6.827	0.09	0.
5	16.51	0.277	1.32	0.34	24.660	0.31	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.68	0.370	20.40	5.24	496.368	6.25	0.
7	28.00	0.218	389.38	99.95	7944.981	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/16/2020 10:30:43 AM
Printed by: wet

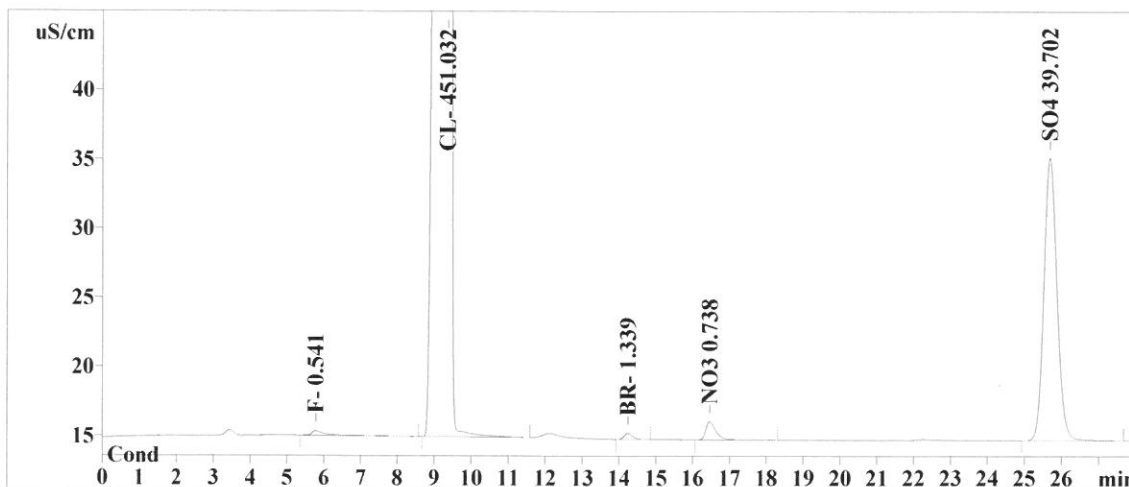
Ident: L1145-02DUP
Analysis from: 1/15/2020 6:26:38 PM
File: _2020-01-15_

Last save: 1/15/2020 6:54:26 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69525

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	5.77	0.299	0.33	0.08	9.660	0.12	0.
2	9.35	0.341	366.02	94.12	7420.802	93.24	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.24	0.236	0.43	0.11	6.717	0.08	0.
5	16.46	0.277	1.32	0.34	24.889	0.31	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.68	0.371	20.40	5.25	497.088	6.25	0.
7	28.00	0.218	388.50	99.90	7959.156	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/16/2020 11:00:50 AM
Printed by: wet

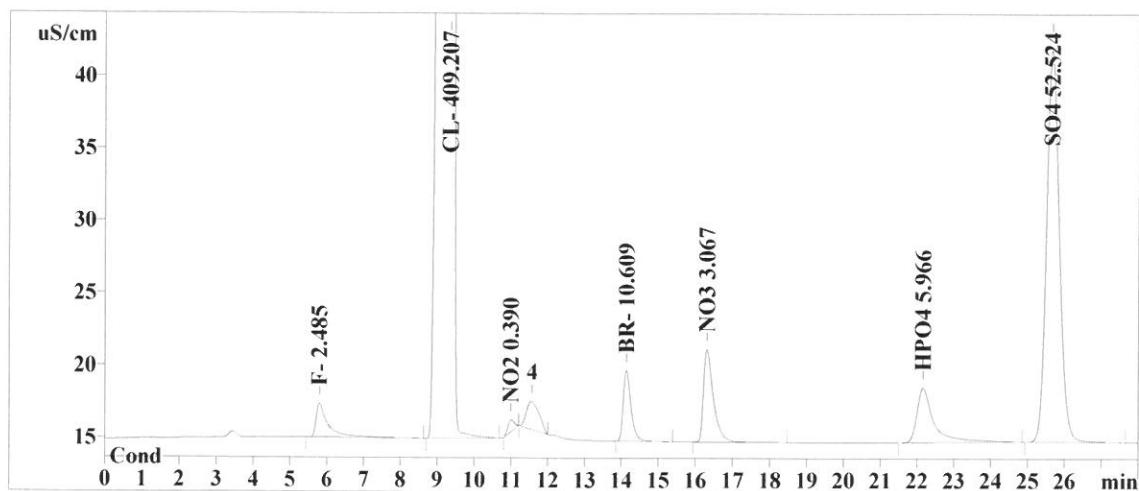
Ident: L1145-02MS
Analysis from: 1/15/2020 6:57:32 PM
File: _2020-01-15_

Last save: 1/16/2020 11:00:50 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69526

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	5.79	0.279	2.33	0.59	55.437	0.71	0.
2	9.33	0.322	349.97	88.03	6732.488	86.08	0.
3	10.99	0.197	0.83	0.21	9.941	0.13	0.
4	14.14	0.221	4.87	1.23	72.856	0.93	0.
5	16.30	0.270	6.39	1.61	118.837	1.52	0.
6	22.16	0.403	3.78	0.95	123.502	1.58	0.
7	25.64	0.372	27.04	6.80	660.477	8.45	0.
7	28.00	0.295	395.22	99.41	7773.539	99.39	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/16/2020 11:01:07 AM
Printed by: wet

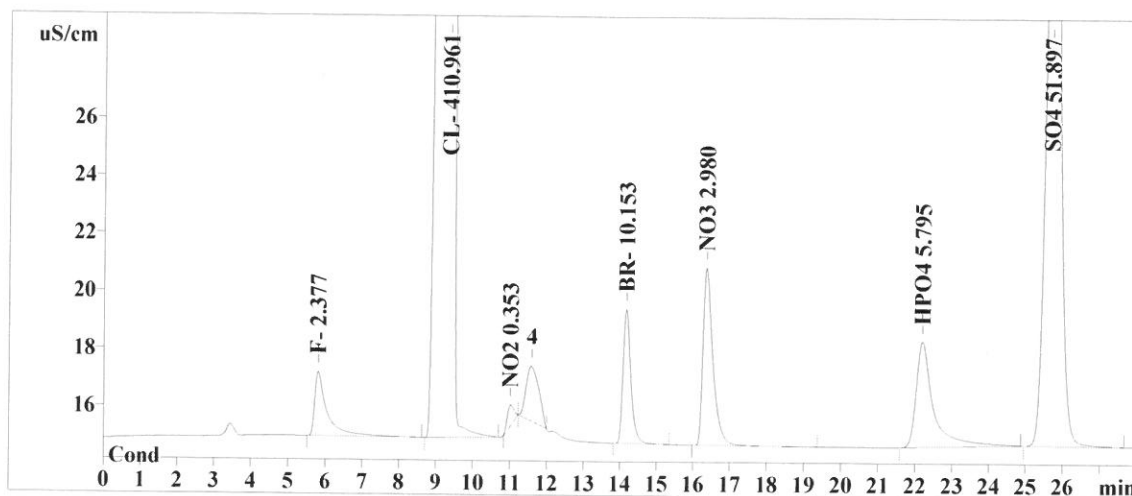
Ident: L1145-02MSD
Analysis from: 1/15/2020 7:28:27 PM
File: _2020-01-15_

Last save: 1/16/2020 11:01:08 AM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69527

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	5.80	0.280	2.22	0.56	52.886	0.68	0.
2	9.34	0.322	351.43	88.38	6761.345	86.39	0.
3	11.00	0.193	0.73	0.18	8.586	0.11	0.
4	14.16	0.222	4.64	1.17	69.602	0.89	0.
5	16.34	0.273	6.13	1.54	115.334	1.47	0.
6	22.19	0.404	3.65	0.92	120.146	1.54	0.
7	25.67	0.372	26.74	6.73	652.481	8.34	0.
7	28.00	0.295	395.53	99.47	7780.380	99.41	0.

This report has been created by IC Net
METROHM LTD

Report date: 1/16/2020 11:01:16 AM
 Printed by: wet

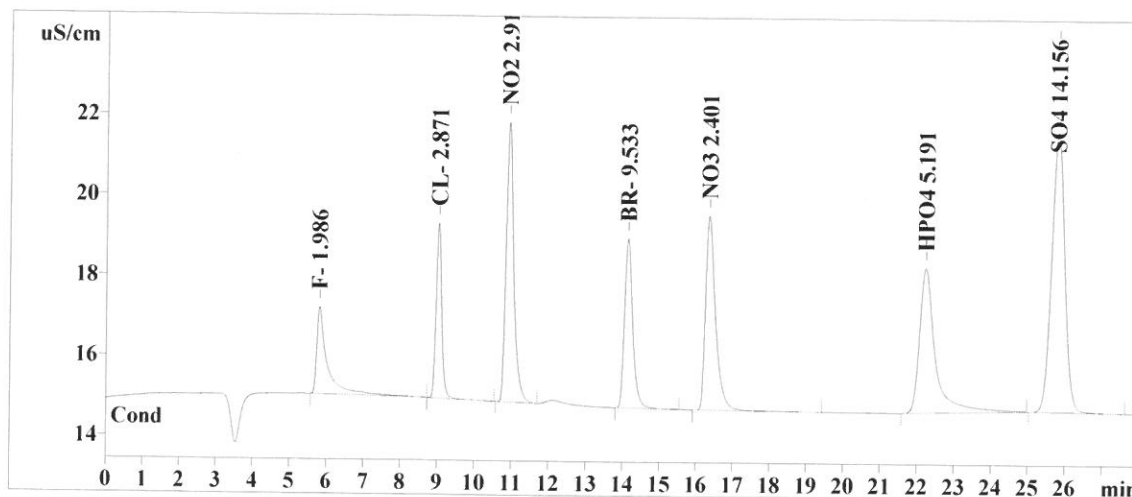
Ident: CCV
 Analysis from: 1/15/2020 7:59:22 PM
 File: _2020-01-15_

Last save: 1/15/2020 8:27:10 PM

Method: ANIONS 12-31-19.mtw
 Run operator: wet
 Analysis number: 69528

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	5.80	0.224	2.15	6.52	43.690	6.96	0.
2	9.02	0.155	4.35	13.16	45.380	7.23	0.
3	10.91	0.213	6.96	21.05	101.505	16.17	0.
4	14.12	0.229	4.20	12.71	65.182	10.39	0.
5	16.33	0.276	4.83	14.61	91.964	14.65	0.
6	22.22	0.384	3.60	10.88	108.311	17.26	0.
7	25.78	0.377	6.96	21.06	171.578	27.34	0.
7	28.00	0.265	33.05	100.00	627.611	100.00	0.

This report has been created by IC Net
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Report date: 1/16/2020 11:01:24 AM
Printed by: wet

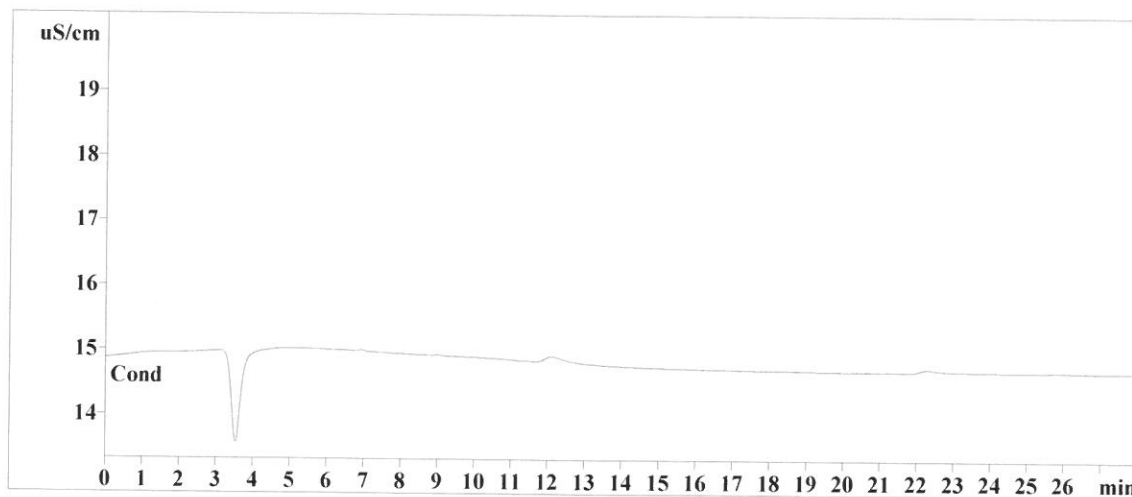
Ident: CCB
Analysis from: 1/15/2020 8:30:16 PM
File: _2020-01-15_

Last save: 1/15/2020 8:58:04 PM

Method: ANIONS 12-31-19.mtw
Run operator: wet
Analysis number: 69529

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