

TC-1 300.0

7-31-18 AK

Clear table

ident	concentrati on 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	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-07-10_	7/10/18 11:25		AK/AP
STD2	0.1380	0.2130	0.2440	0.8130	0.2040	-0.0360	1.2970	2018-07-10_	7/10/18 11:55		AK/AP
STD3	0.3780	0.6330	0.6190	2.1000	0.5280	1.0550	3.2160	2018-07-10_	7/10/18 12:25		AK/AP
STD4	0.7870	1.1720	1.1820	3.9410	0.9890	2.2350	5.8880	2018-07-10_	7/10/18 12:55		AK/AP
STD5	1.9960	2.9180	2.8730	9.6400	2.3960	5.1480	14.2360	2018-07-10_	7/10/18 13:25		AK/AP
STD6	3.9850	5.9210	5.9360	19.4910	4.8790	9.8020	29.3500	2018-07-10_	7/10/18 13:54		AK/AP
STD7	5.0160	7.5930	7.5960	25.5150	6.3780	12.5470	38.2630	2018-07-10_	7/10/18 14:24		AK/AP
ICV	2.1030	3.0380	3.0310	10.0260	2.4970	5.3620	14.9820	2018-07-10_	7/10/18 17:39		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-07-10_	7/10/18 18:09		AK/AP
CCV	2.1530	2.8490	2.8390	9.7110	2.4050	5.0900	14.4440	2018-07-31_	7/31/18 8:57		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-07-31_	7/31/18 9:27		AK/AP
LB97001BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-07-31_	7/31/18 9:57		AK/AP
LB97001BSW	2.1180	2.9520	2.9950	9.7880	2.4630	5.4790	14.6530	2018-07-31_	7/31/18 10:27		AK/AP
J4229-01	0.1980	1.0150	0.0000	0.0000	0.0000	0.0000	3.8130	2018-07-31_	7/31/18 10:57		AK/AP
J4229-01DUP	0.1880	0.9980	0.0000	0.0000	0.0000	0.0000	3.7820	2018-07-31_	7/31/18 11:27		AK/AP
J4229-01MS	2.3020	3.9550	2.9690	10.1960	2.5220	5.6630	19.0750	2018-07-31_	7/31/18 11:57		AK/AP
J4229-01MSD	2.2930	3.8700	2.8690	9.8200	2.4290	5.7430	18.7170	2018-07-31_	7/31/18 12:27		AK/AP
CCV	1.8840	2.8380	2.8240	9.4520	2.3580	5.3200	13.9990	2018-07-31_	7/31/18 12:57		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-07-31_	7/31/18 13:29		AK/AP

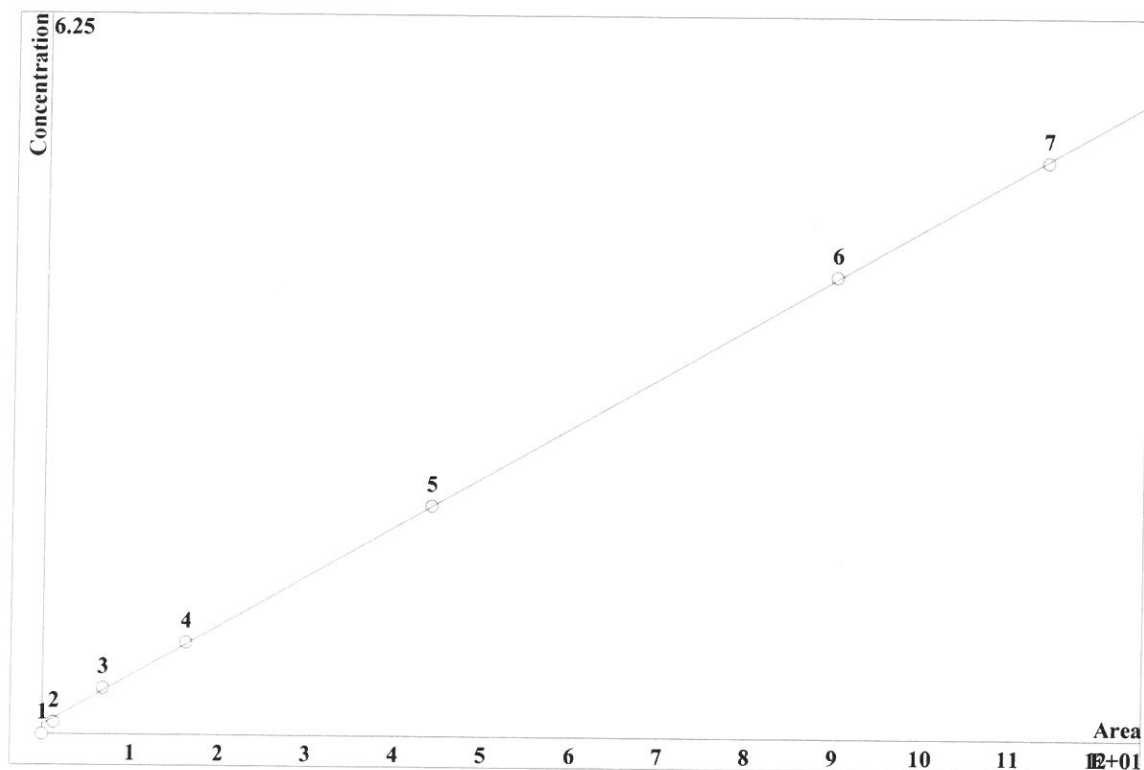
CALIBRATION OF COMPONENT F-

Method: ANIONS 07-10-18.mtw
 Equation: $Q = 0.867486 \cdot A + 1.63054$
 RSD: 1.243 %
 Correlation coefficient: 0.999937

IC-1 Cal

7-10-18

AK



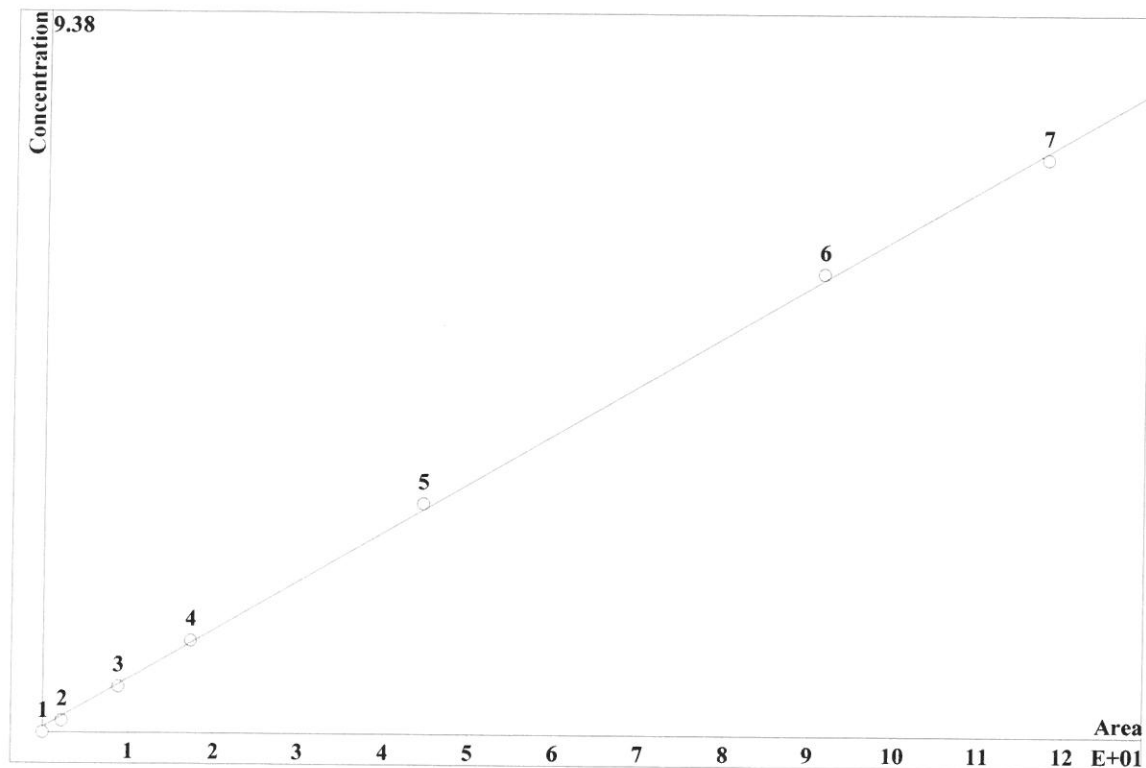
K3 = 0 K2 = 0 K1 = 0.867486 K0 = 1.63054

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	0.06512	1.296	0.1	20	5.913		Yes
3	0.3355	6.836	0.4	20	5.913		Yes
4	0.7856	16.26	0.8	20	5.913		Yes
5	2.171	44.15	2	20	5.913		Yes
6	4.67	89.99	4	20	5.913		Yes
7	6.159	113.8	5	20	5.913		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 07-10-18.mtw
 Equation: $Q = 1.27877 \cdot A + 1.39557$
 RSD: 2.686 %
 Correlation coefficient: 0.999706



K3 = 0 K2 = 0 K1 = 1.27877 K0 = 1.39557

Base: Area

Ref.channel: Cond

ISTD:

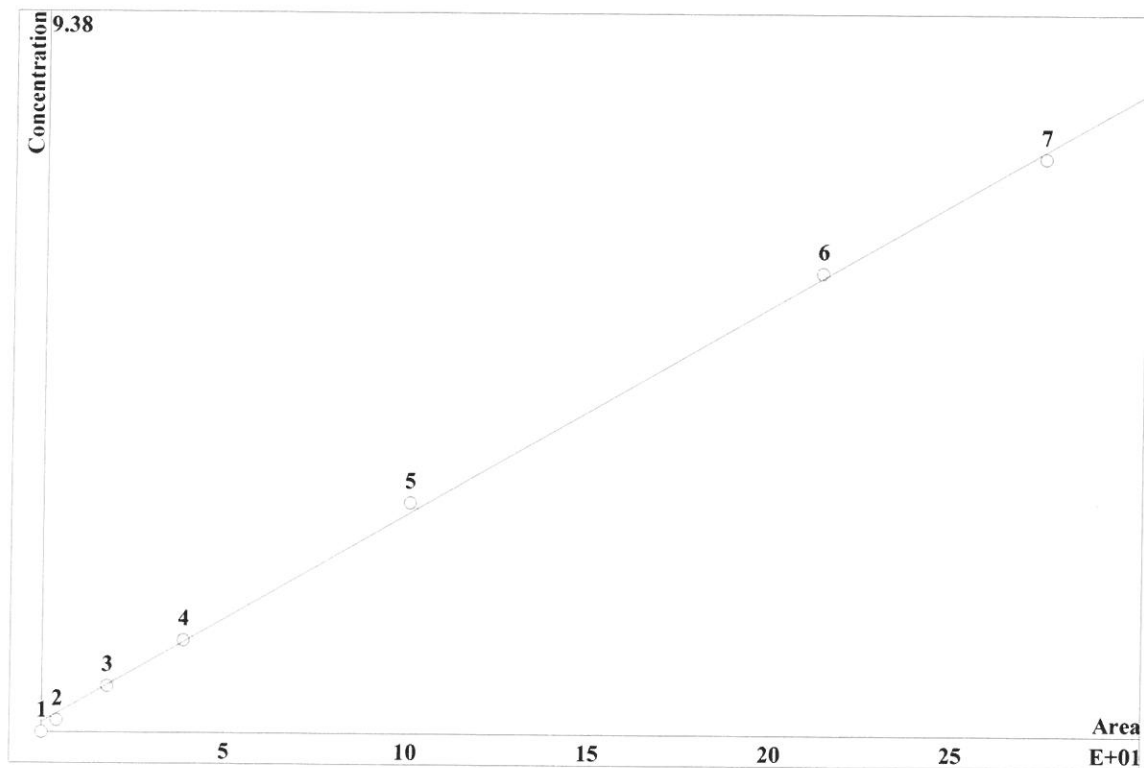
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1263	2.234	0.15	20	8.858			Yes
3	0.4844	8.811	0.6	20	8.858			Yes
4	0.9851	17.24	1.2	20	8.858			Yes
5	2.553	44.55	3	20	8.858			Yes
6	5.299	91.51	6	20	8.858			Yes
7	6.921	117.7	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 07-10-18.mtw
 Equation: $Q = 0.543732 \cdot A + 2.60958$
 RSD: 3.217 %
 Correlation coefficient: 0.999578



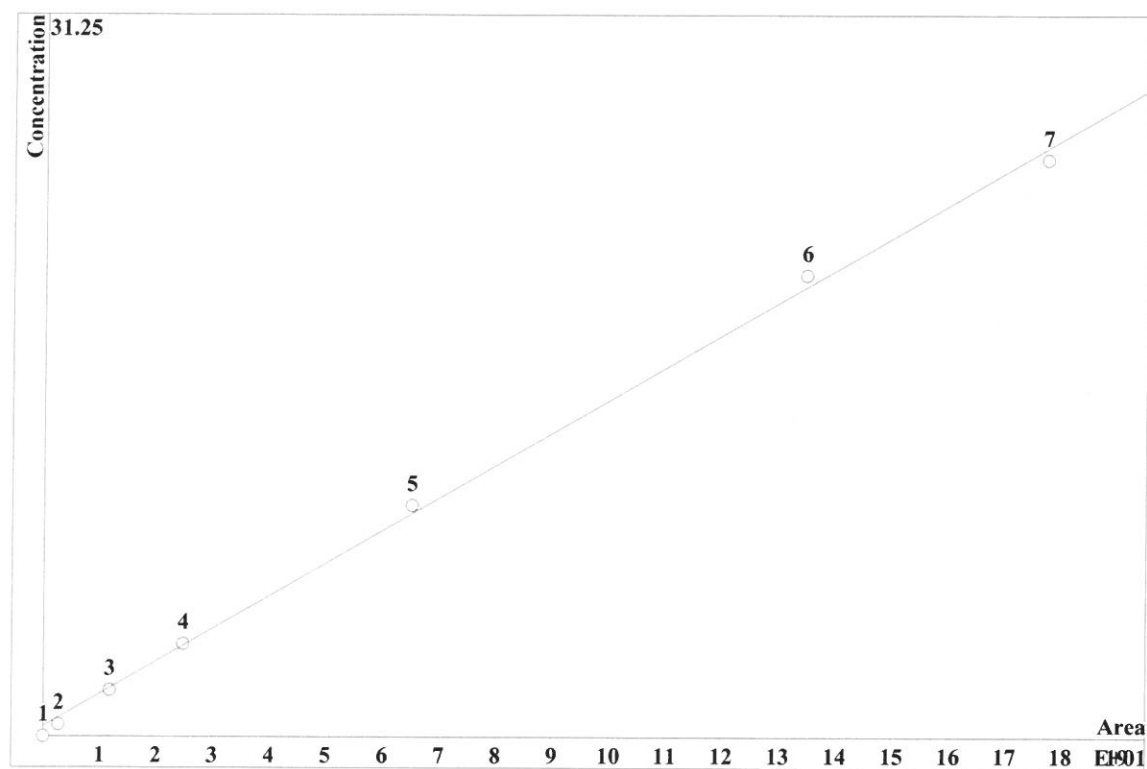
K3 = 0 K2 = 0 K1 = 0.543732 K0 = 2.60958

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	0.2037	4.19	0.15	20	10.65			Yes
3	0.9115	17.96	0.6	20	10.65			Yes
4	1.942	38.67	1.2	20	10.65			Yes
5	5.085	100.9	3	20	10.65			Yes
6	10.53	213.6	6	20	10.65			Yes
7	13.68	274.6	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 07-10-18.mtw
 Equation: $Q = 2.83091 \cdot A + 8.63311$
 RSD: 4.266 %
 Correlation coefficient: 0.999257



K3 = 0 K2 = 0 K1 = 2.83091 K0 = 8.63311

Base: Area

Ref.channel: Cond

ISTD:

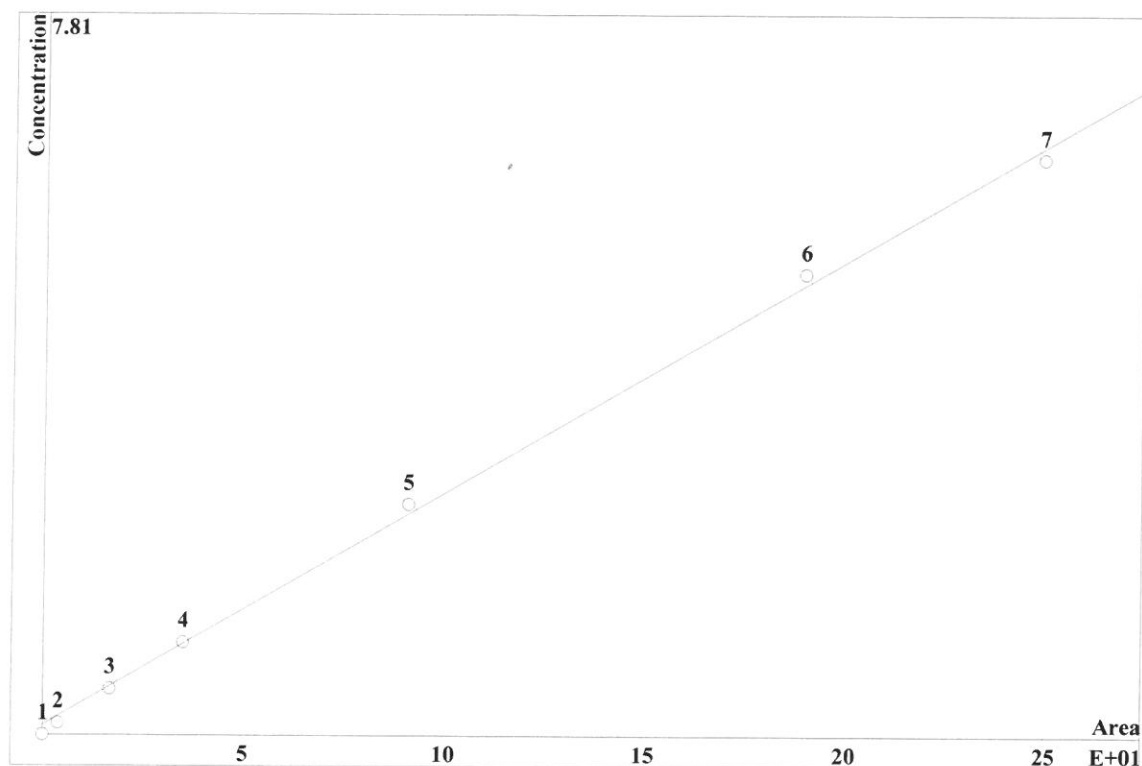
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1295	2.691	0.5	20	13.72			Yes
3	0.5576	11.78	2	20	13.72			Yes
4	1.175	24.79	4	20	13.72			Yes
5	3.06	65.06	10	20	13.72			Yes
6	6.308	134.7	20	20	13.72			Yes
7	8.151	177.2	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 07-10-18.mtw
 Equation: $Q = 0.503217 \cdot A + 2.13495$
 RSD: 4.315 %
 Correlation coefficient: 0.999240



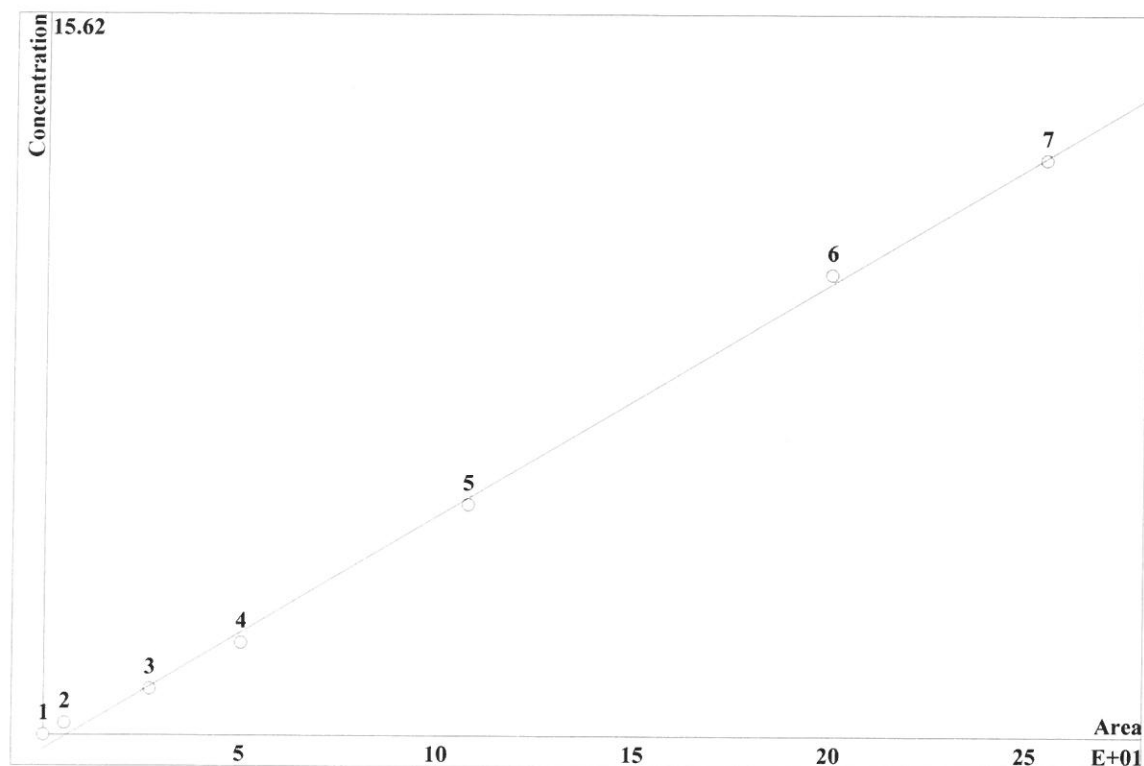
K3 = 0 K2 = 0 K1 = 0.503217 K0 = 2.13495

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	0.1516	3.851	0.125	20	15.65	Yes	
3	0.6833	16.76	0.5	20	15.65	Yes	
4	1.436	35.08	1	20	15.65	Yes	
5	3.782	90.98	2.5	20	15.65	Yes	
6	8.07	189.7	5	20	15.65	Yes	
7	10.69	249.3	6.25	20	15.65	Yes	

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 07-10-18.mtw
 Equation: $Q = 1.00998 \cdot A - 6.0804$
 RSD: 4.400 %
 Correlation coefficient: 0.999210



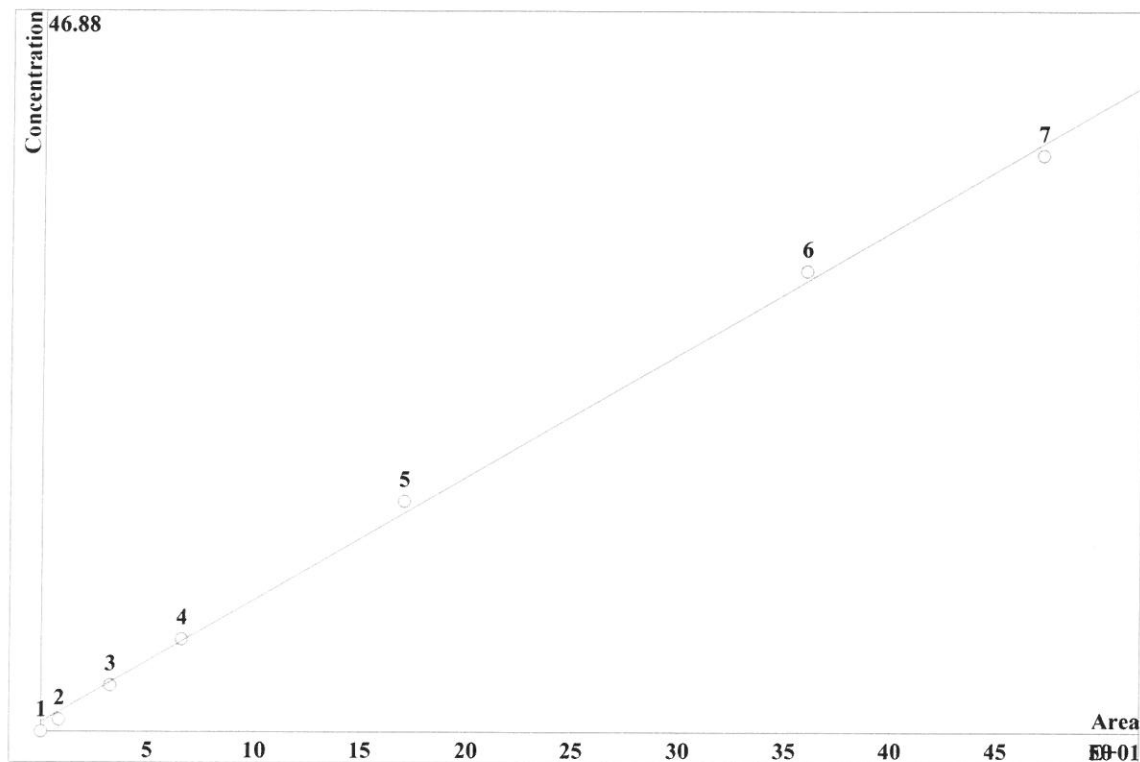
K3 = 0 K2 = 0 K1 = 1.00998 K0 = -6.0804

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	0.1271	5.298	0.25	20	21.48			Yes
3	0.657	26.91	1	20	21.48			Yes
4	1.266	50.28	2	20	21.48			Yes
5	2.835	108	5	20	21.48			Yes
6	5.401	200.1	10	20	21.48			Yes
7	6.915	254.5	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 07-10-18.mtw
 Equation: $Q = 1.59883 \cdot A + 12.249$
 RSD: 4.537 %
 Correlation coefficient: 0.999159



K3 = 0 K2 = 0 K1 = 1.59883 K0 = 12.249

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	0.2536	8.562	0.75	20	25.17			Yes
3	0.9879	32.56	3	20	25.17			Yes
4	2.03	65.99	6	20	25.17			Yes
5	5.347	170.4	15	20	25.17			Yes
6	11.34	359.5	30	20	25.17			Yes
7	14.92	471	37.5	20	25.17			Yes

Report date: 7/11/2018 7:58:50 AM
Printed by: wet

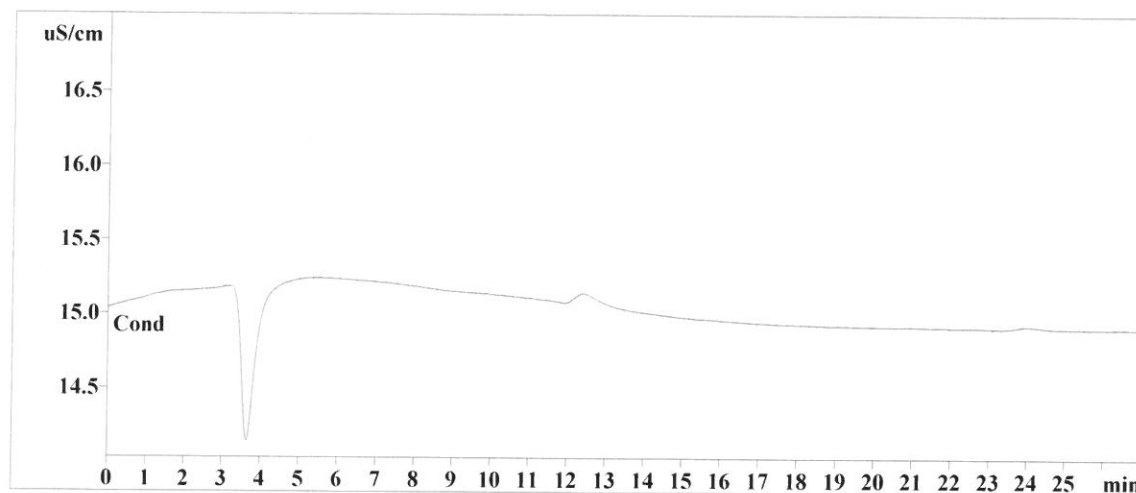
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File: _2018-07-10_

Last save: 7/11/2018 7:58:48 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63112

Last save: 7/10/2018 9:30:04 AM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 7/11/2018 7:59:00 AM
Printed by: wet

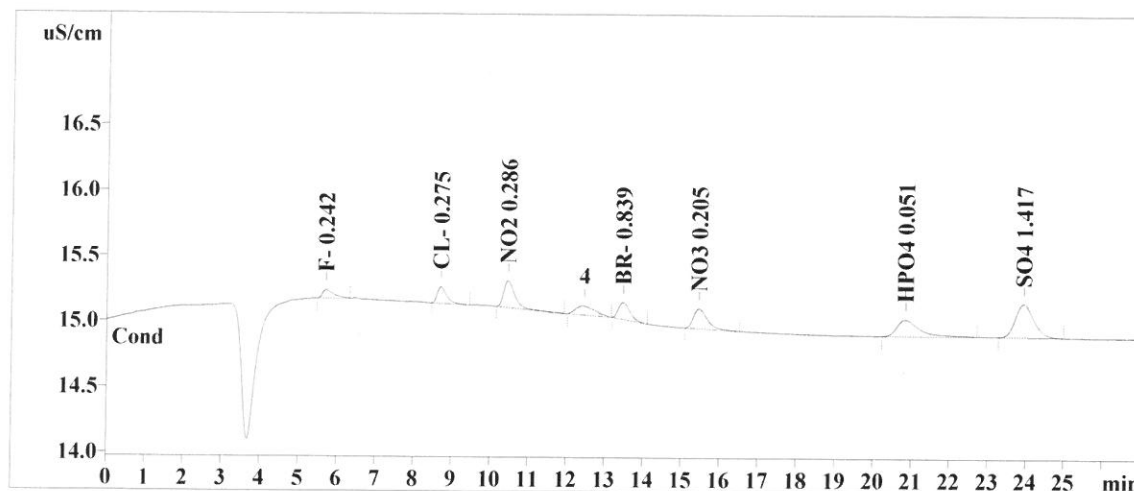
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Analysis from: 7/10/2018 11:55:15 AM
File: _2018-07-10_

Last save: 7/10/2018 12:22:04 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63113

Last save: 7/10/2018 12:14:44 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	5.70	0.307	0.06	5.65	1.296	4.24	0.
2	8.70	0.263	0.13	11.18	2.234	7.31	0.
3	10.46	0.299	0.20	18.01	4.190	13.70	0.
4	13.48	0.325	0.13	11.43	2.691	8.80	0.
5	15.46	0.376	0.15	13.42	3.851	12.59	0.
6	20.83	0.578	0.13	11.18	5.298	17.33	0.
7	23.93	0.518	0.25	22.47	8.562	28.00	0.
7	27.00	0.381	1.05	93.35	28.122	91.96	0.

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Report date: 7/11/2018 7:59:12 AM
Printed by: wet

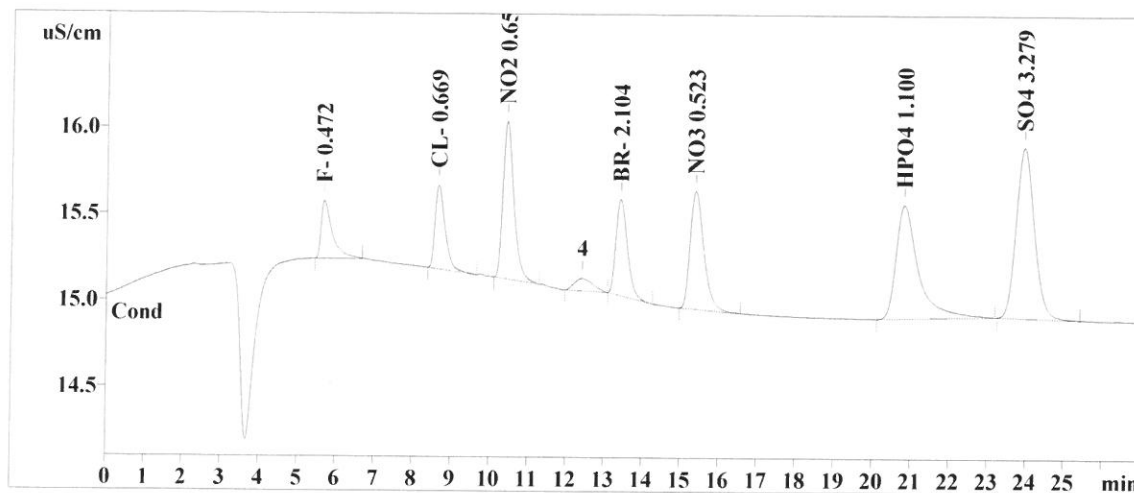
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Analysis from: 7/10/2018 12:25:11 PM
File: _2018-07-10_

Last save: 7/10/2018 12:52:00 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63114

Last save: 7/10/2018 12:22:04 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	5.68	0.283	0.34	7.15	6.836	5.51	0.
2	8.65	0.272	0.48	10.31	8.811	7.10	0.
3	10.42	0.296	0.91	19.41	17.960	14.47	0.
4	13.41	0.325	0.56	11.88	11.783	9.49	0.
5	15.37	0.370	0.68	14.56	16.759	13.50	0.
6	20.81	0.552	0.66	14.00	26.913	21.69	0.
7	23.93	0.504	0.99	21.06	32.565	26.24	0.
7	27.00	0.372	4.61	98.37	121.627	98.01	0.

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Report date: 7/11/2018 7:59:20 AM
Printed by: wet

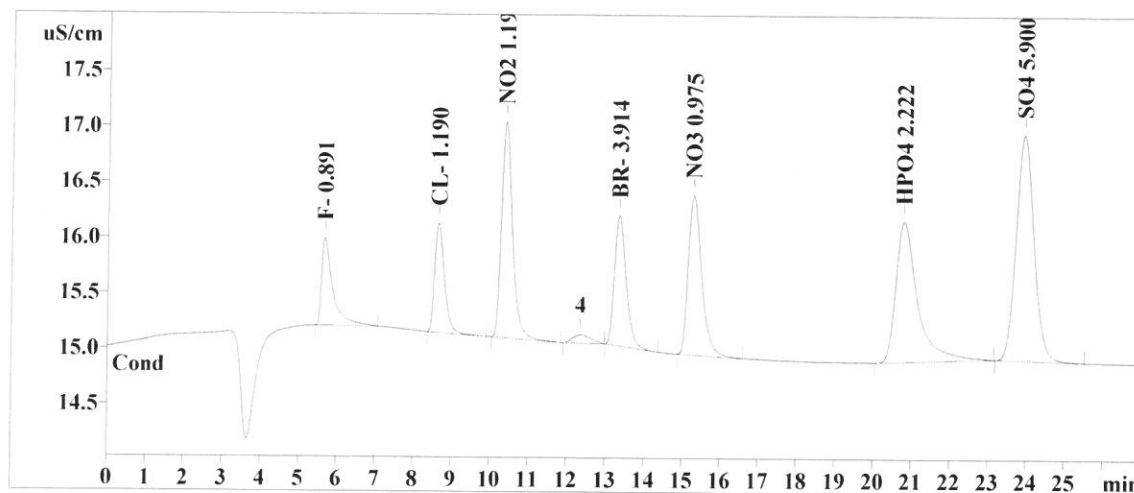
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File: _2018-07-10_

Last save: 7/10/2018 1:21:56 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63115

Last save: 7/10/2018 12:52:00 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	5.67	0.279	0.79	8.10	16.263	6.48	0.
2	8.64	0.263	0.98	10.15	17.239	6.87	0.
3	10.38	0.295	1.94	20.02	38.668	15.42	0.
4	13.33	0.322	1.17	12.11	24.792	9.88	0.
5	15.27	0.367	1.44	14.81	35.084	13.99	0.
6	20.78	0.539	1.27	13.05	50.278	20.04	0.
7	23.91	0.498	2.03	20.93	65.988	26.31	0.
7	27.00	0.366	9.62	99.17	248.314	98.99	0.

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Report date: 7/11/2018 7:59:26 AM
 Printed by: wet

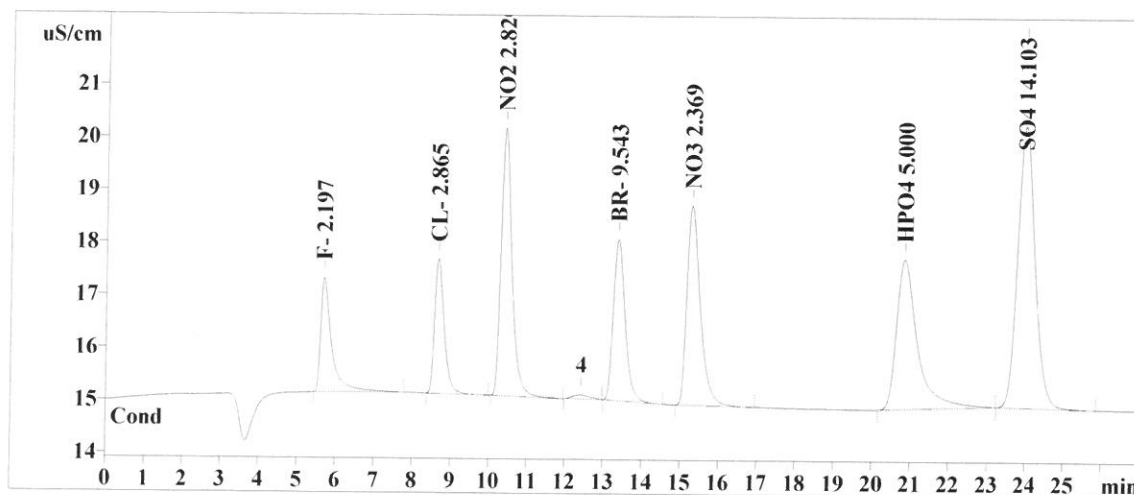
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Last save: 7/10/2018 1:51:50 PM

Method: ANIONS 07-10-18.mtw
 Run operator: wet
 Analysis number: 63116

Last save: 7/10/2018 1:21:56 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	5.68	0.270	2.17	8.71	44.146	7.05	0.
2	8.66	0.261	2.55	10.25	44.552	7.11	0.
3	10.40	0.294	5.08	20.41	100.862	16.10	0.
4	13.37	0.323	3.06	12.28	65.057	10.39	0.
5	15.28	0.359	3.78	15.18	90.983	14.52	0.
6	20.83	0.520	2.83	11.38	107.956	17.23	0.
7	23.97	0.487	5.35	21.46	170.424	27.21	0.
7	27.00	0.359	24.83	99.67	623.980	99.61	0.

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Report date: 7/11/2018 7:59:37 AM
Printed by: wet

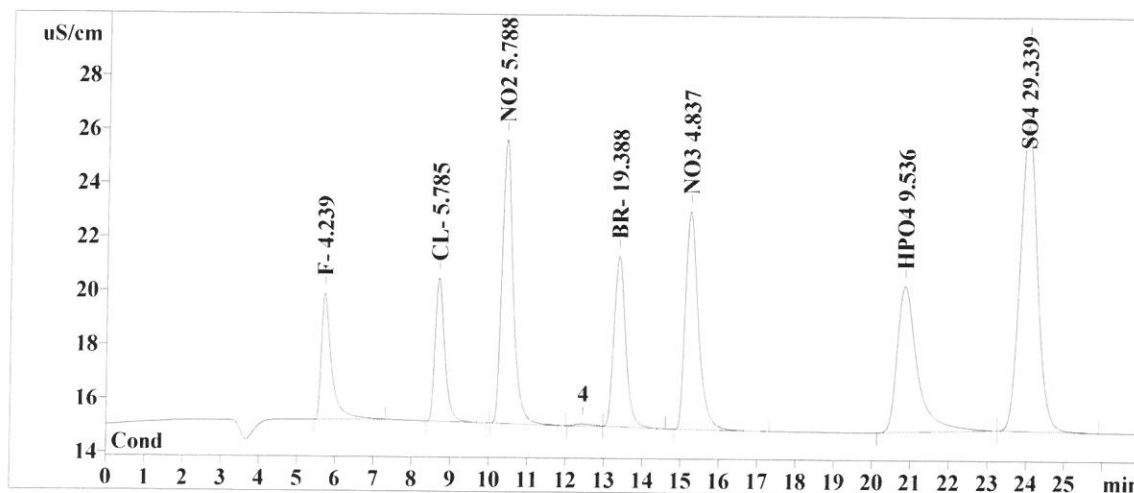
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File: _2018-07-10_

Last save: 7/10/2018 2:21:46 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63117

Last save: 7/10/2018 1:51:50 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	5.70	0.265	4.67	9.03	89.986	7.02	0.
2	8.68	0.258	5.30	10.25	91.515	7.14	0.
3	10.40	0.300	10.53	20.37	213.556	16.67	0.
4	13.36	0.325	6.31	12.20	134.655	10.51	0.
5	15.21	0.349	8.07	15.61	189.683	14.81	0.
6	20.83	0.510	5.40	10.45	200.128	15.62	0.
7	23.99	0.485	11.34	21.93	359.480	28.06	0.
7	27.00	0.356	51.62	99.85	1279.004	99.83	0.

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Report date: 7/11/2018 7:59:46 AM
Printed by: wet

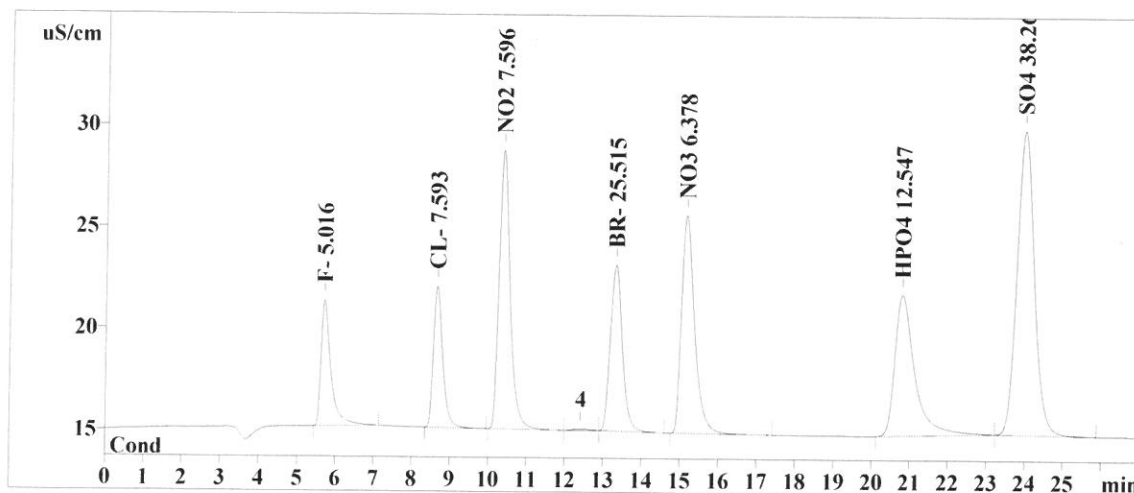
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Analysis from: 7/10/2018 2:24:52 PM
File: _2018-07-10_

Last save: 7/10/2018 2:51:42 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63118

Last save: 7/10/2018 2:21:46 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	5.69	0.257	6.16	9.12	113.773	6.85	0.
2	8.65	0.254	6.92	10.25	117.658	7.09	0.
3	10.36	0.299	13.68	20.26	274.611	16.54	0.
4	13.31	0.332	8.15	12.07	177.214	10.68	0.
5	15.14	0.345	10.69	15.84	249.253	15.01	0.
6	20.78	0.511	6.92	10.24	254.475	15.33	0.
7	23.96	0.481	14.92	22.10	470.982	28.37	0.
7	27.00	0.354	67.44	99.89	1657.965	99.87	0.

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Report date: 7/11/2018 8:01:22 AM
Printed by: wet

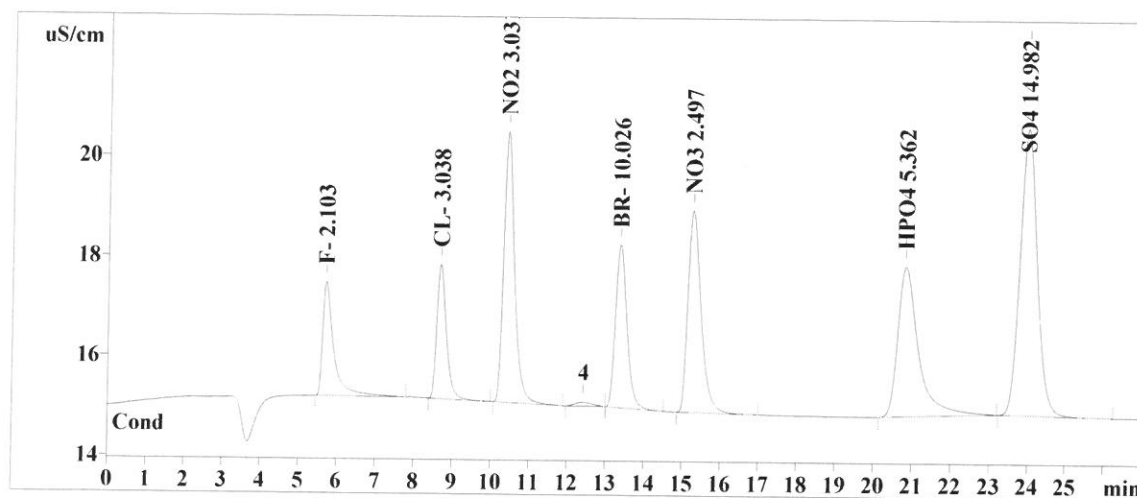
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File: _2018-07-10_

Last save: 7/11/2018 7:45:32 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63123

Last save: 7/10/2018 2:51:42 PM

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	5.70	0.269	2.28	8.63	46.594	7.09	0.
2	8.67	0.258	2.69	10.16	46.424	7.07	0.
3	10.40	0.293	5.40	20.42	106.700	16.24	0.
4	13.36	0.317	3.25	12.30	67.782	10.32	0.
5	15.25	0.353	4.03	15.22	95.015	14.46	0.
6	20.81	0.512	3.00	11.33	112.202	17.08	0.
7	23.97	0.480	5.72	21.64	179.753	27.36	0.
7	27.00	0.355	26.38	99.69	654.470	99.61	0.

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Report date: 7/11/2018 8:01:37 AM
Printed by: wet

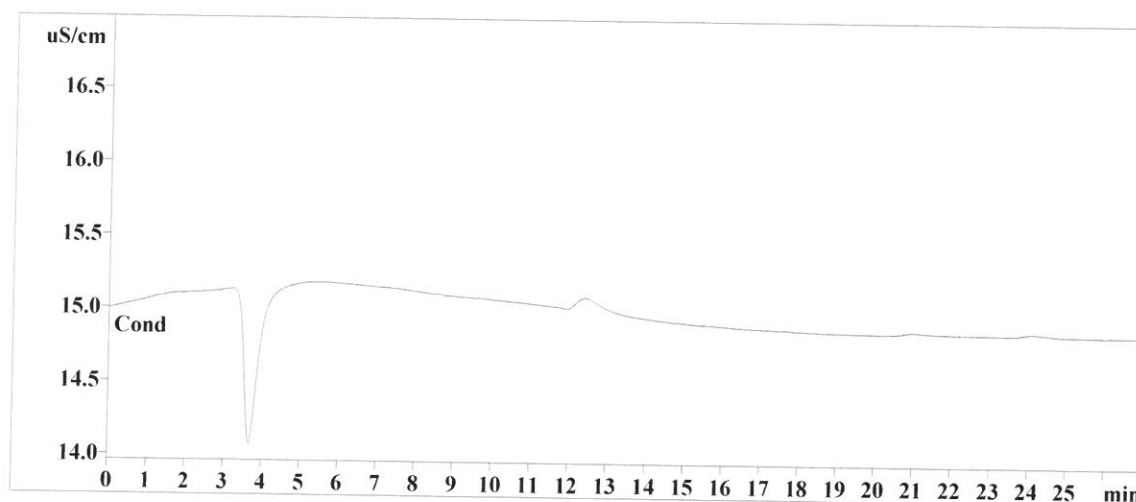
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File: _2018-07-10_

Last save: 7/11/2018 8:01:36 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63124

Last save: 7/10/2018 2:51:42 PM

SAMPLE:
:
Vial number: 12
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: 7/31/2018 1:02:26 PM
Printed by: wet

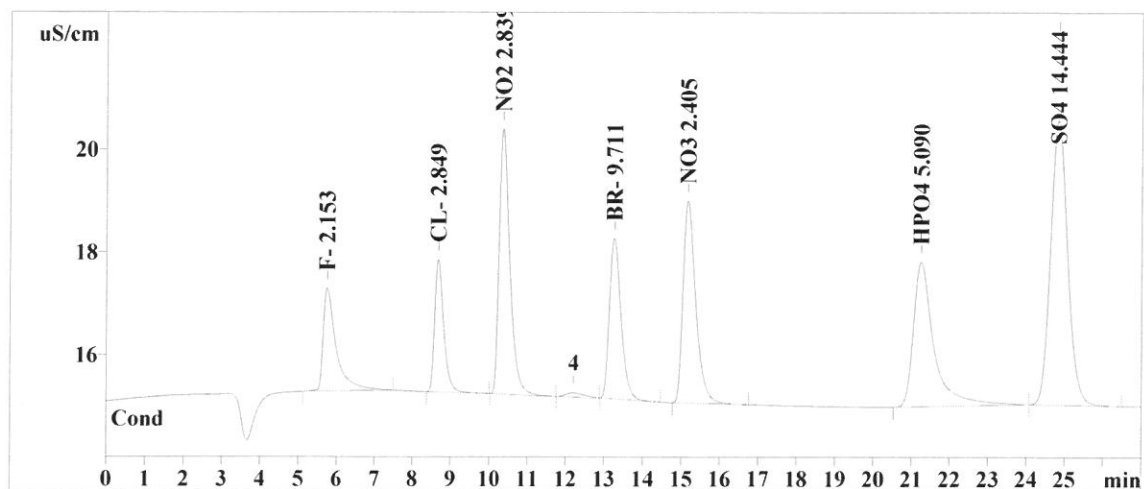
Ident: CCV
Analysis from: 7/31/2018 8:57:56 AM
File: _2018-07-31_

Last save: 7/31/2018 9:24:46 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63342

Last save: 7/31/2018 8:27:08 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	5.74	0.313	2.00	7.93	47.764	7.58	0.
2	8.66	0.252	2.58	10.21	43.463	6.89	0.
3	10.36	0.286	5.16	20.44	99.637	15.80	0.
4	13.26	0.319	3.13	12.38	65.557	10.40	0.
5	15.16	0.347	3.94	15.58	91.341	14.49	0.
6	21.24	0.501	2.82	11.15	106.811	16.94	0.
7	24.82	0.475	5.55	21.95	173.020	27.45	0.
7	27.00	0.356	25.18	99.65	627.593	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 1:02:33 PM
Printed by: wet

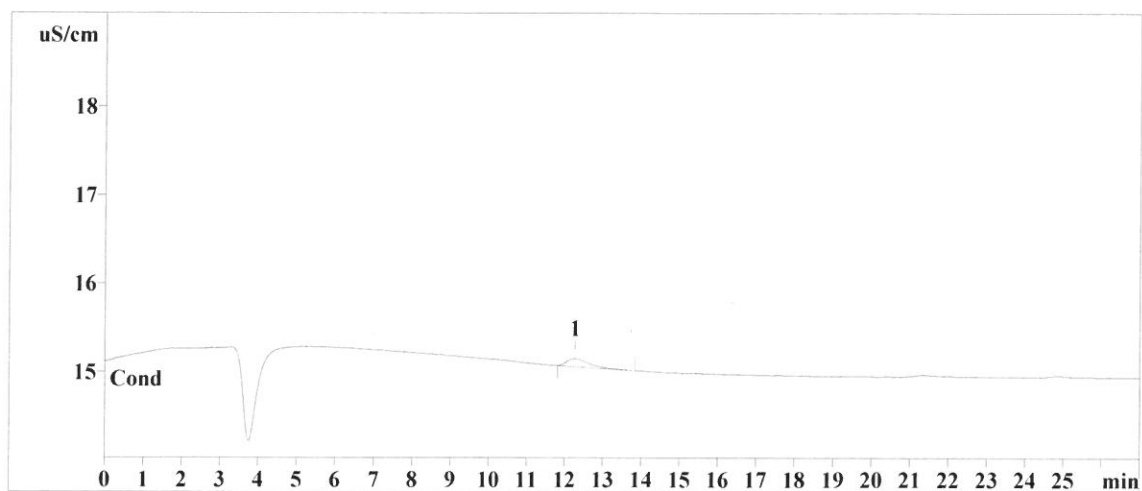
Ident: CCB
Analysis from: 7/31/2018 9:27:51 AM
File: _2018-07-31_

Last save: 7/31/2018 9:54:40 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63343

Last save: 7/31/2018 8:27:08 AM

SAMPLE:
: AK/AP
Vial number: 3
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	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 1:02:50 PM
Printed by: wet

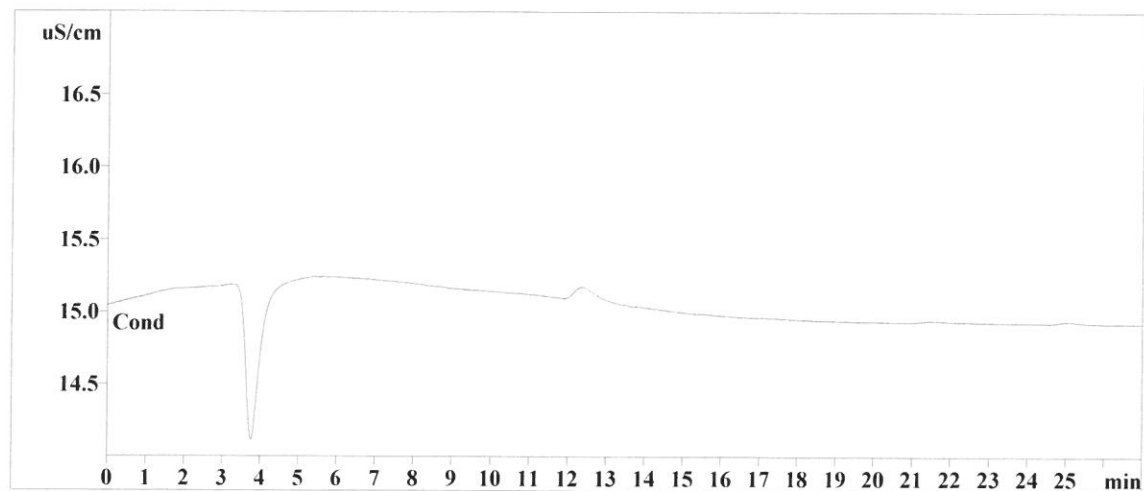
Ident: LB97001BLW
Analysis from: 7/31/2018 9:57:46 AM
File: _2018-07-31_

Last save: 7/31/2018 1:02:48 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63344

Last save: 7/31/2018 8:27:08 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: 7/31/2018 1:03:00 PM
Printed by: wet

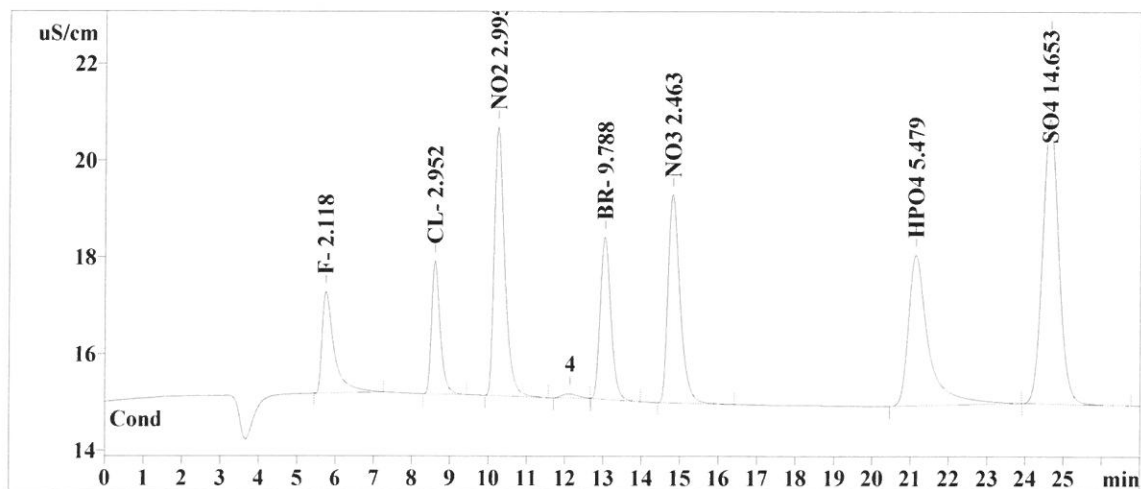
Ident: LB97001BSW
Analysis from: 7/31/2018 10:27:41 AM
File: _2018-07-31_

Last save: 7/31/2018 1:02:16 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63345

Last save: 7/31/2018 8:27:08 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	5.74	0.304	2.08	7.70	46.944	7.22	0.
2	8.59	0.247	2.74	10.11	45.077	6.94	0.
3	10.24	0.280	5.54	20.49	105.379	16.21	0.
4	13.03	0.304	3.34	12.35	66.103	10.17	0.
5	14.80	0.326	4.30	15.87	93.658	14.41	0.
6	21.13	0.486	3.11	11.48	114.518	17.62	0.
7	24.63	0.456	5.87	21.67	175.631	27.02	0.
7	27.00	0.343	26.98	99.67	647.312	99.60	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 1:03:46 PM
Printed by: wet

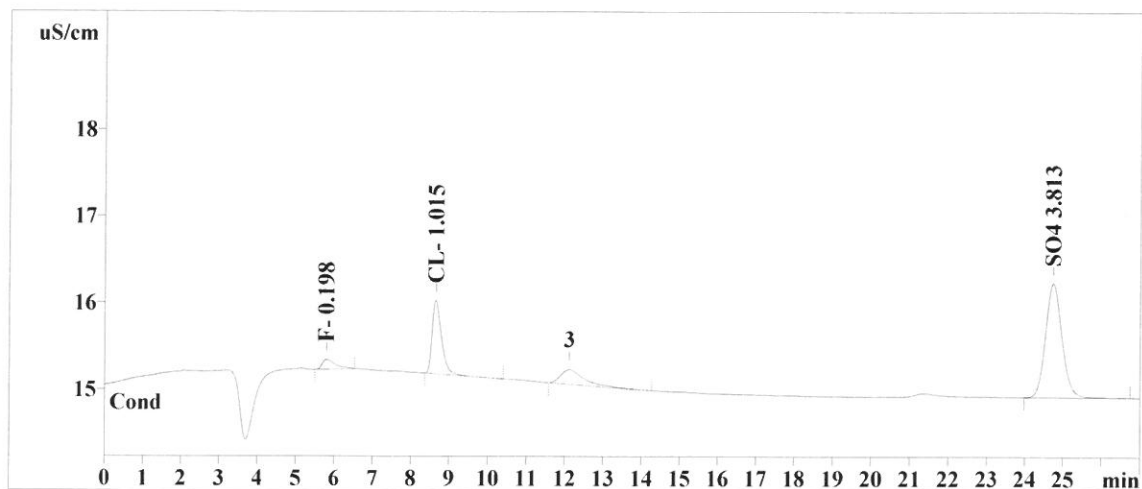
Ident: J4229-01
Analysis from: 7/31/2018 10:57:36 AM
File: _2018-07-31_

Last save: 7/31/2018 1:03:46 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63346

Last save: 7/31/2018 8:27:08 AM

SAMPLE: 5.00g/100mL
: 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	5.79	0.351	0.11	4.59	2.678	4.13	0.
2	8.64	0.260	0.85	34.55	14.784	22.77	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	24.73	0.461	1.32	53.76	40.040	61.68	0.
7	27.00	0.153	2.27	92.90	57.502	88.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 1:03:57 PM
Printed by: wet

Ident: J4229-01DUP
Analysis from: 7/31/2018 11:27:31 AM
File: _2018-07-31_

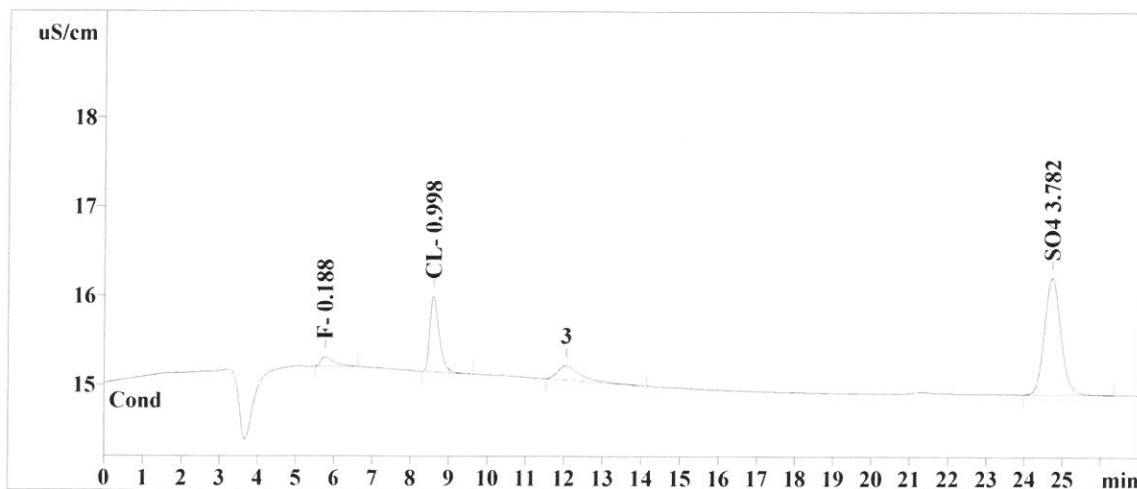
Last save: 7/31/2018 11:54:20 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63347

Last save: 7/31/2018 8:27:08 AM

SAMPLE: 5.00g/100mL
: AK/AP
Vial number: 7
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

7/31/18 AL



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.341	0.10	4.24	2.451	3.85	0.
2	8.58	0.258	0.85	34.95	14.520	22.83	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	24.71	0.460	1.31	54.10	39.645	62.34	0.
7	27.00	0.151	2.26	93.29	56.615	89.03	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 1:04:23 PM
Printed by: wet

Ident: J4229-01MS
Analysis from: 7/31/2018 11:57:26 AM
File: _2018-07-31_

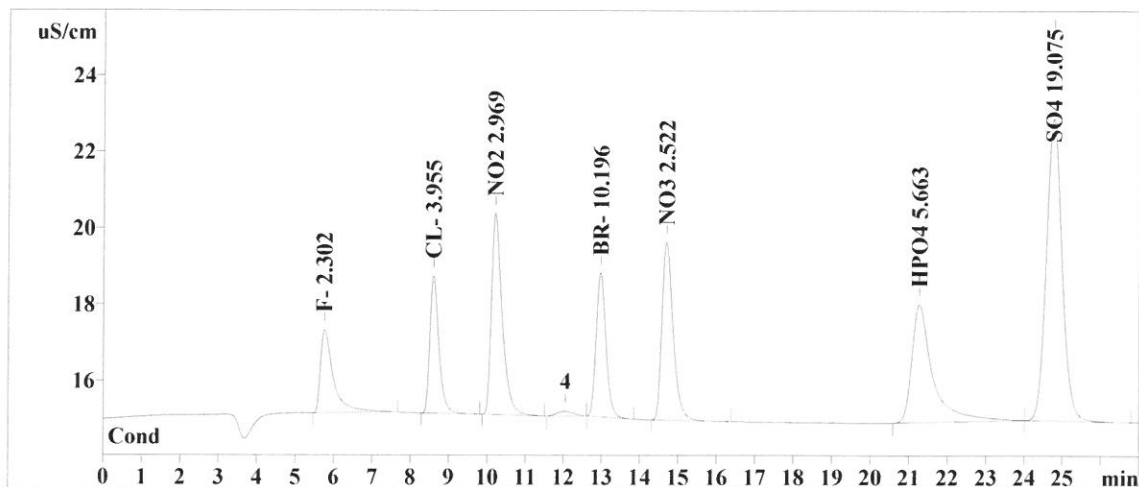
Last save: 7/31/2018 12:24:16 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63348

Last save: 7/31/2018 8:27:08 AM

SAMPLE: 5.00g/100mL
: AK/AP
Vial number: 8
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

7/31/18 AK



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.313	2.17	7.08	51.196	6.97	0.
2	8.58	0.253	3.60	11.75	60.768	8.28	0.
3	10.20	0.292	5.28	17.24	104.398	14.22	0.
4	12.96	0.279	3.78	12.34	68.984	9.39	0.
5	14.69	0.309	4.66	15.22	96.003	13.07	0.
6	21.26	0.492	3.09	10.10	118.170	16.09	0.
7	24.74	0.444	7.91	25.85	230.954	31.45	0.
7	27.00	0.340	30.47	99.58	730.472	99.48	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 1:04:32 PM
Printed by: wet

Ident: J4229-01MSD
Analysis from: 7/31/2018 12:27:21 PM
File: _2018-07-31_

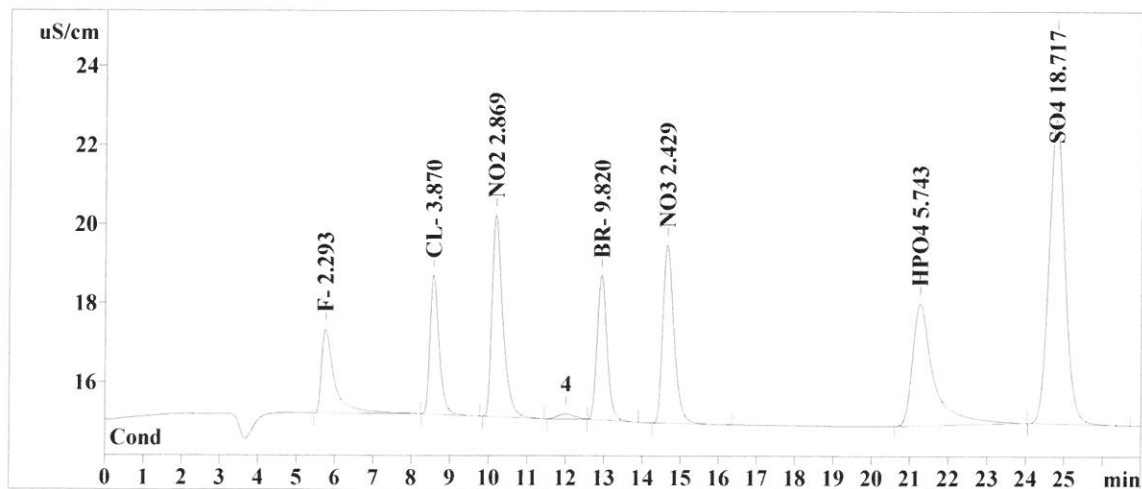
Last save: 7/31/2018 12:54:10 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63349

Last save: 7/31/2018 8:27:08 AM

SAMPLE: 5.00g/100mL
AK/AP
Vial number: 9
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

7/31/18
AK



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.308	2.11	7.08	50.977	7.08	0.
2	8.56	0.254	3.51	11.77	59.442	8.26	0.
3	10.18	0.292	5.10	17.11	100.713	13.99	0.
4	12.92	0.278	3.65	12.27	66.327	9.21	0.
5	14.64	0.307	4.51	15.14	92.284	12.82	0.
6	21.26	0.495	3.09	10.37	119.742	16.64	0.
7	24.77	0.448	7.70	25.83	226.474	31.46	0.
7	27.00	0.340	29.67	99.57	715.959	99.47	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 2:05:52 PM
Printed by: wet

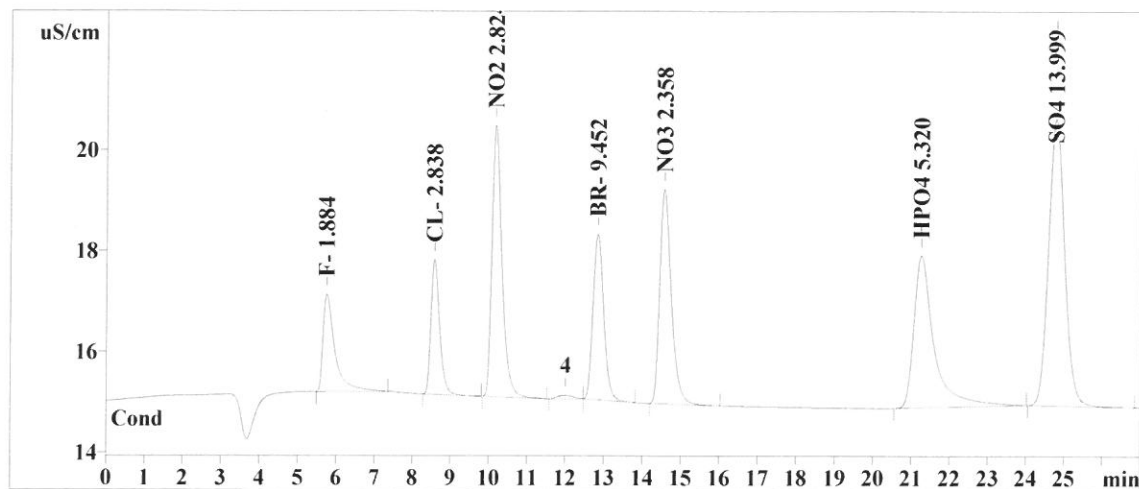
Ident: CCV
Analysis from: 7/31/2018 12:57:17 PM
File: _2018-07-31_

Last save: 7/31/2018 1:26:16 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63350

Last save: 7/31/2018 8:27:08 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	5.74	0.289	1.93	7.35	41.558	6.73	0.
2	8.56	0.243	2.67	10.16	43.287	7.00	0.
3	10.17	0.273	5.38	20.48	99.063	16.03	0.
4	12.83	0.298	3.28	12.48	63.726	10.31	0.
5	14.56	0.316	4.24	16.16	89.477	14.48	0.
6	21.26	0.482	3.01	11.48	111.362	18.02	0.
7	24.77	0.449	5.68	21.61	167.450	27.10	0.
7	27.00	0.336	26.19	99.71	615.924	99.67	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 2:06:11 PM
Printed by: wet

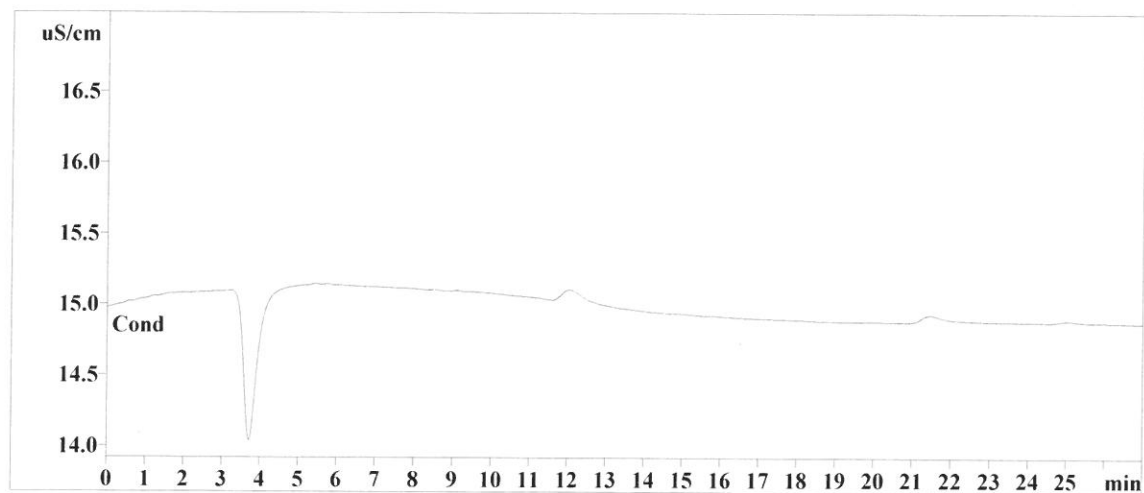
Ident: CCB
Analysis from: 7/31/2018 1:29:33 PM
File: _2018-07-31_

Last save: 7/31/2018 2:06:12 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63351

Last save: 7/31/2018 8:27:08 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