

IC-1 300.0

8/6/18 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	2.0300	3.0270	3.0520	10.0830	2.5080	5.0690	15.1070	_2018-07-24_	7/24/18 9:21		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-07-24_	7/24/18 9:51		AK/AP
LB96993BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-07-24_	7/24/18 10:20		AK/AP
LB96993BSW	1.9610	2.9360	2.8740	9.5450	2.3680	5.0000	14.2590	_2018-07-24_	7/24/18 10:49		AK/AP
J4080-08	2.6180	164.4050	0.0000	6.5590	0.0000	0.0000	67.3930	_2018-07-24_	7/24/18 11:20		AK/AP
J4080-23	0.0000	63.8390	0.0000	0.0000	11.4180	3.9030	0.0000	_2018-07-24_	7/24/18 11:49		AK/AP
J4080-33	0.0000	0.0000	2.4280	0.0000	0.0000	0.0000	0.0000	_2018-07-24_	7/24/18 12:18		AK/AP
J4080-08DLX5	0.5210	25.9070	0.0000	1.5410	0.0000	0.0000	11.7560	_2018-07-24_	7/24/18 12:47		AK/AP
J4080-08DLX50	0.0000	2.2130	0.0000	0.0000	0.0000	0.0000	1.7890	_2018-07-24_	7/24/18 13:16		AK/AP
J4080-23DLX2	0.0000	29.4420	0.0000	0.0000	5.3120	1.9720	0.0000	_2018-07-24_	7/24/18 13:45		AK/AP
CCV	2.0620	2.9960	3.0540	10.0770	2.4930	5.1640	14.9560	_2018-07-24_	7/24/18 14:14		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-07-24_	7/24/18 14:44		AK/AP

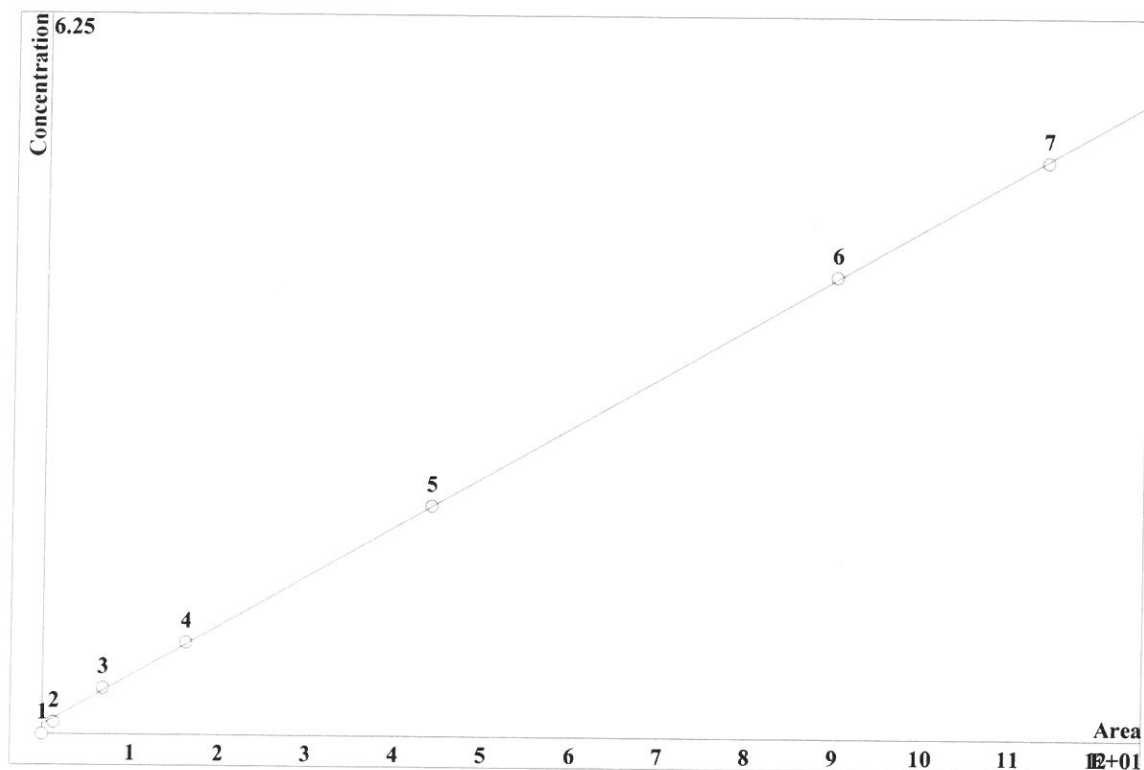
CALIBRATION OF COMPONENT F-

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



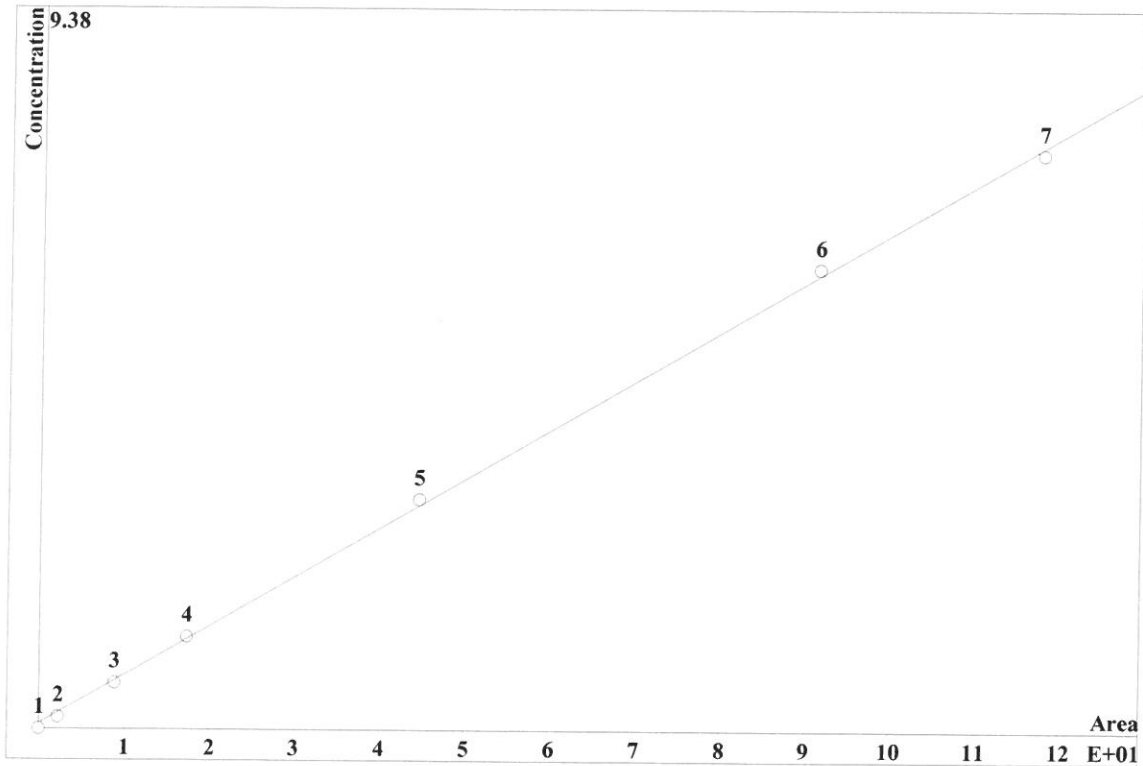
K3 = 0 K2 = 0 K1 = 0.867486 K0 = 1.63054

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:

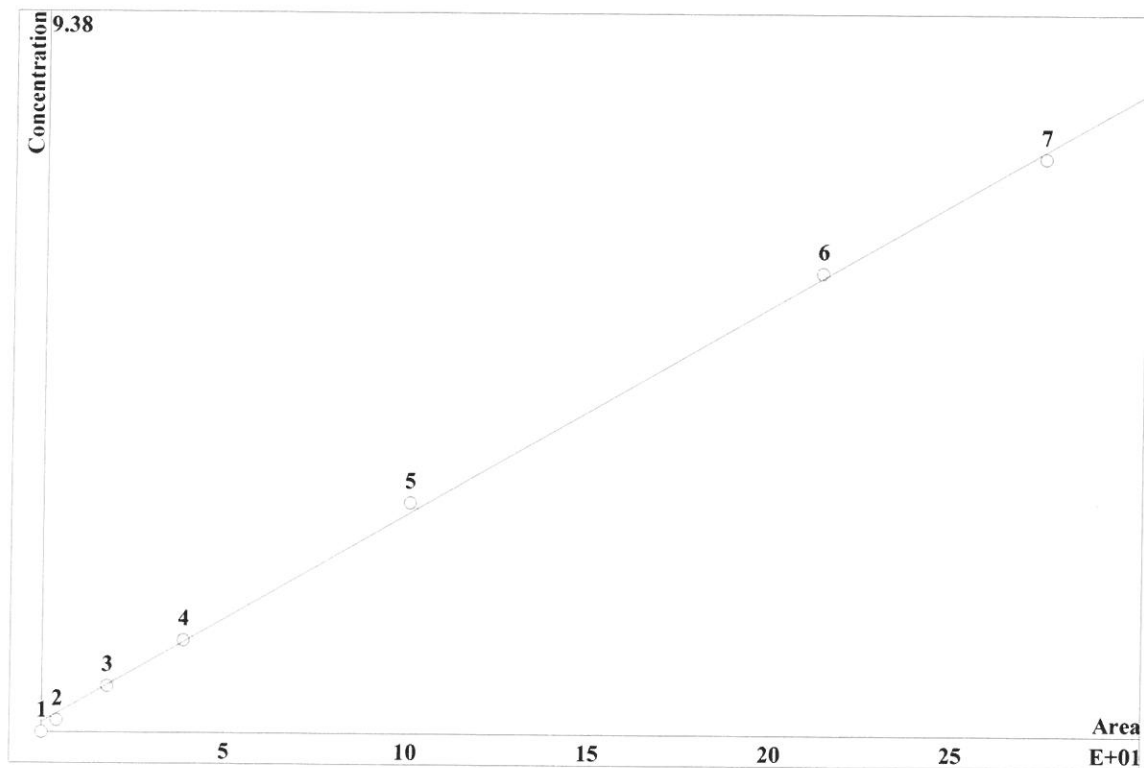
Formula: Linear

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



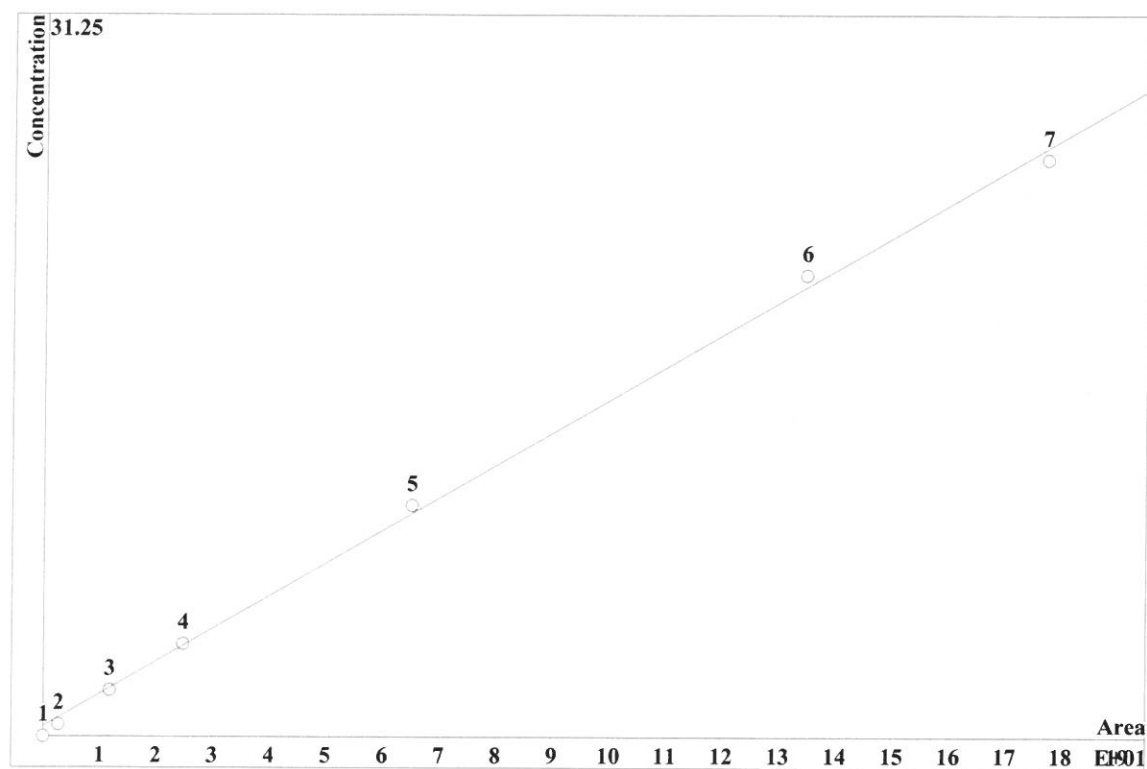
K3 = 0 K2 = 0 K1 = 0.543732 K0 = 2.60958

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:

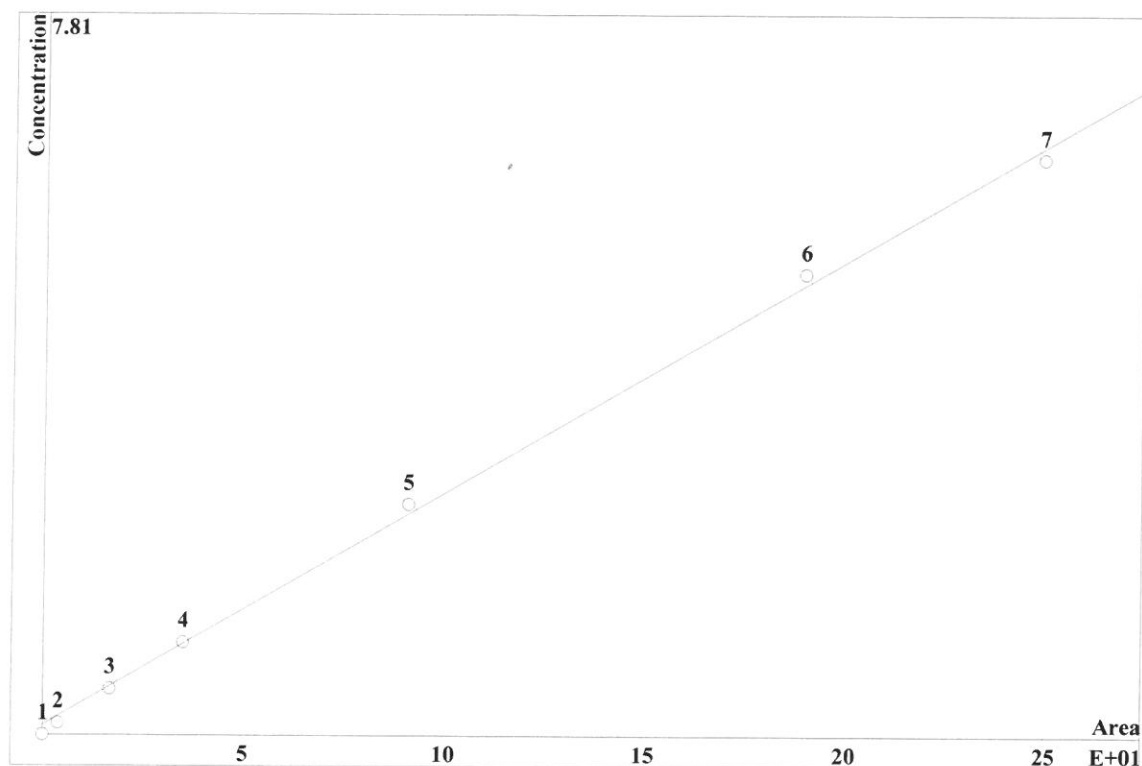
Formula: Linear

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



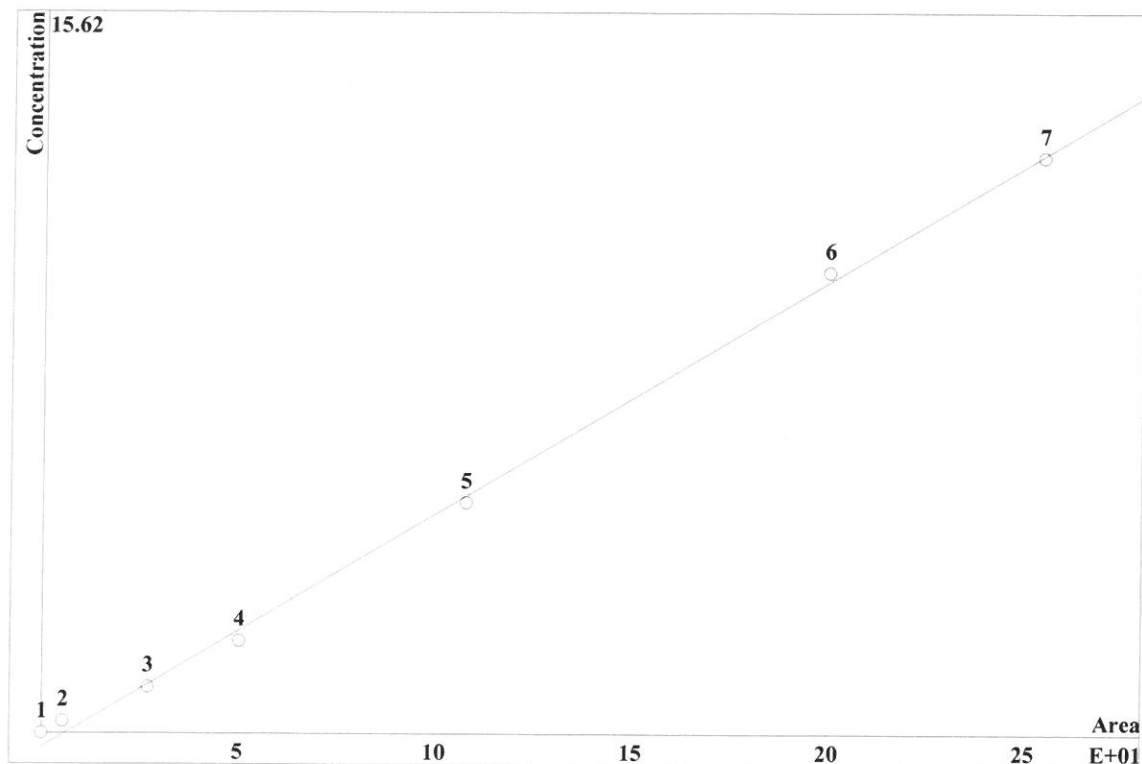
K3 = 0 K2 = 0 K1 = 0.503217 K0 = 2.13495

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



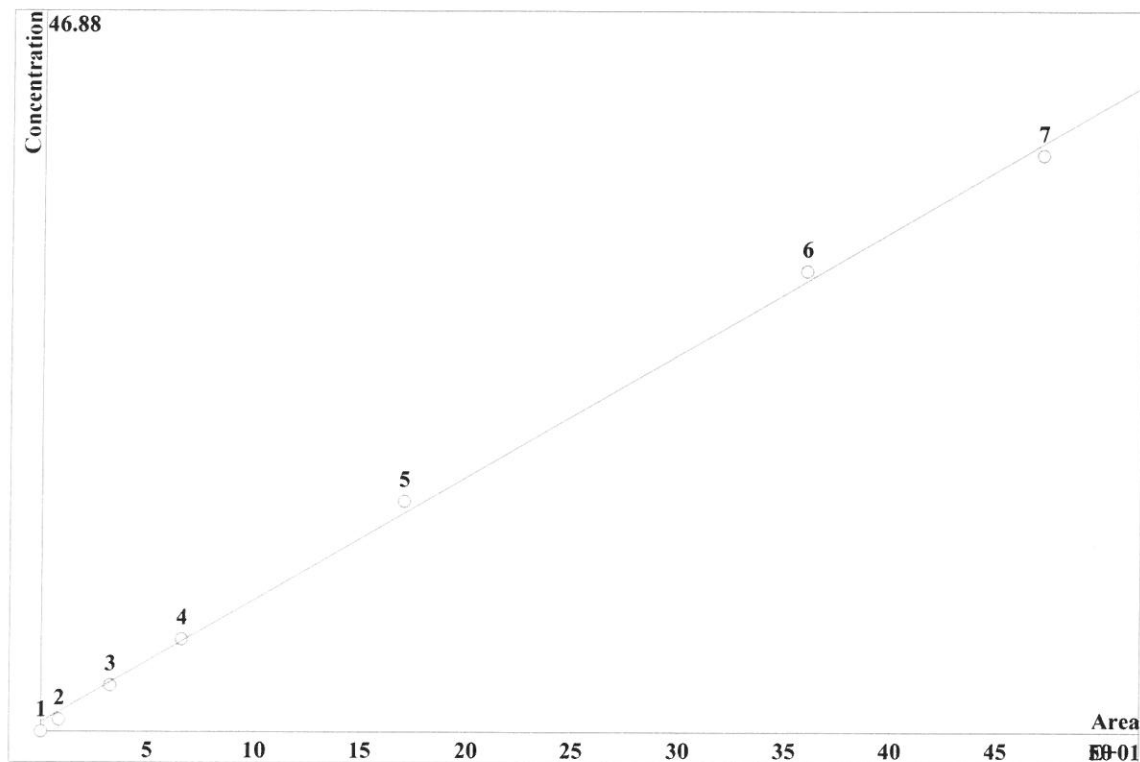
K3 = 0 K2 = 0 K1 = 1.00998 K0 = -6.0804

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

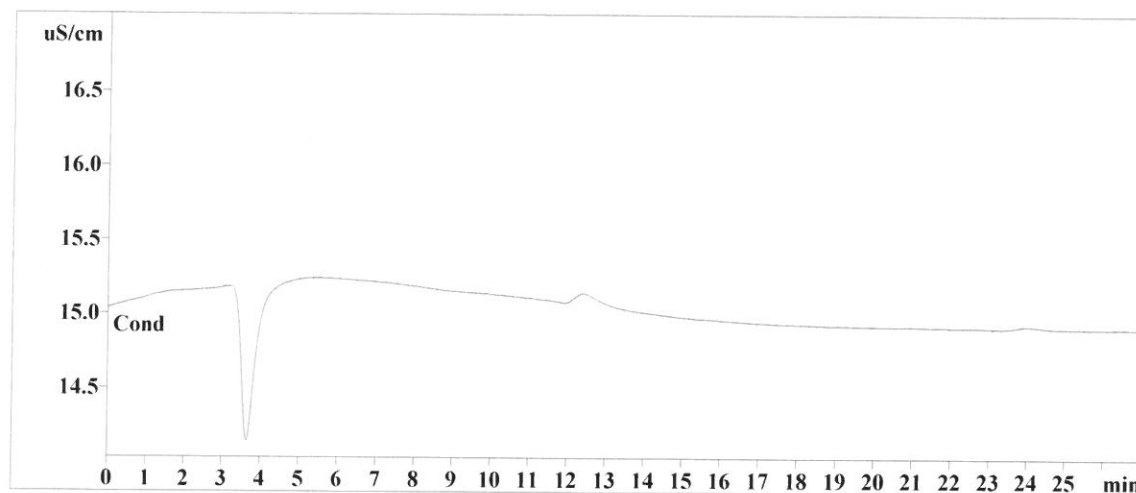
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Analysis from: 7/10/2018 11:25:20 AM
File: _2018-07-10_

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

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Report date: 7/11/2018 7:59:00 AM
Printed by: wet

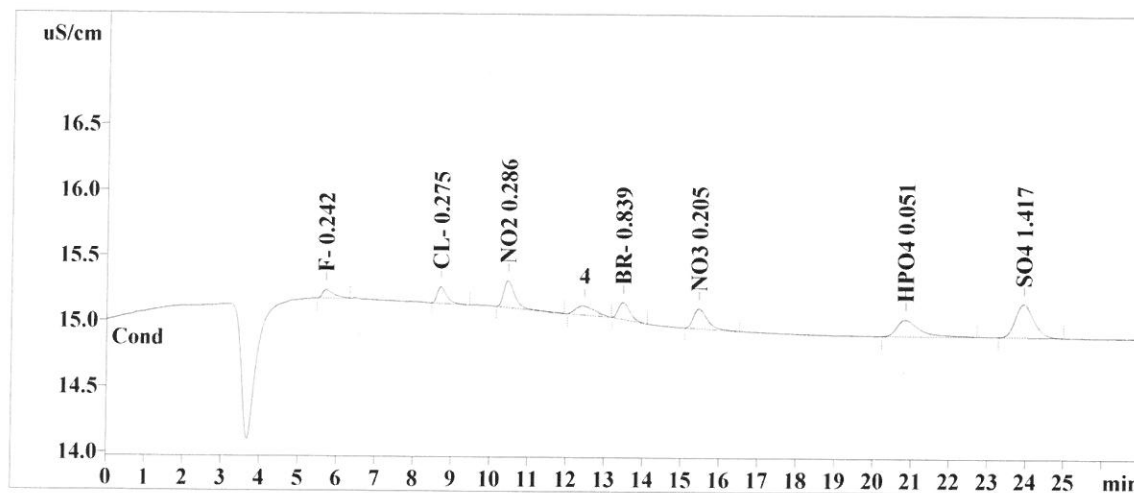
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Analysis from: 7/10/2018 11:55:15 AM
File: _2018-07-10_

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

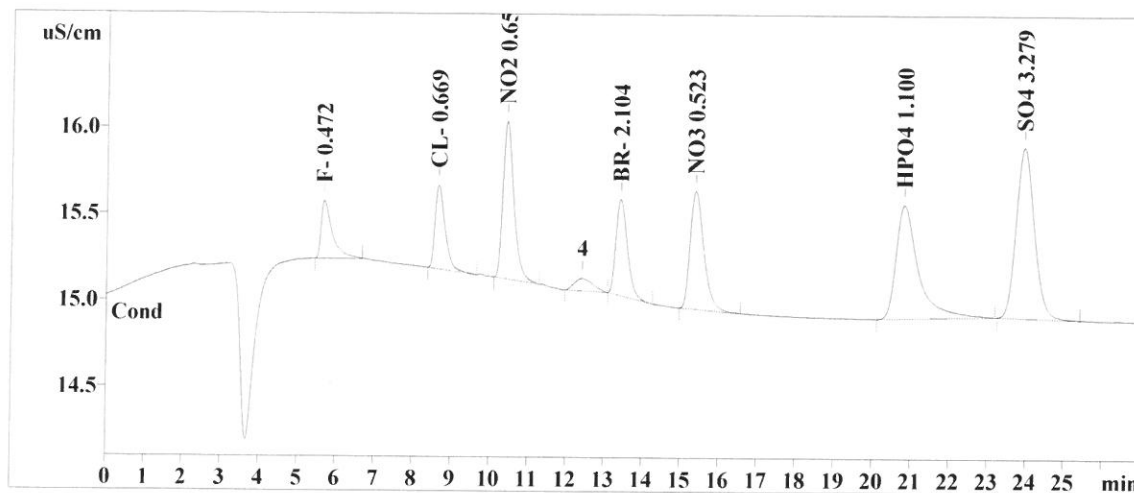
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Analysis from: 7/10/2018 12:25:11 PM
File: _2018-07-10_

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

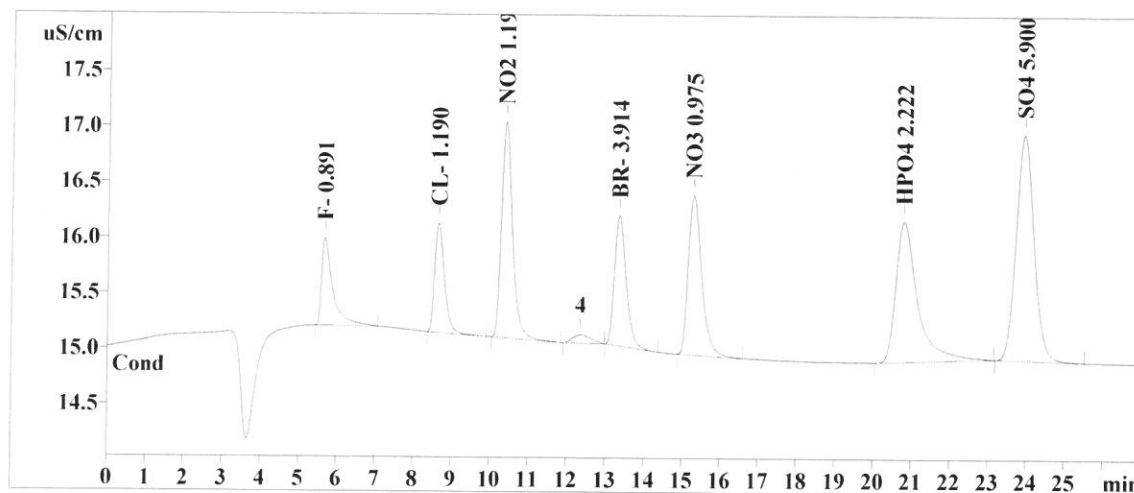
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File: _2018-07-10_

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

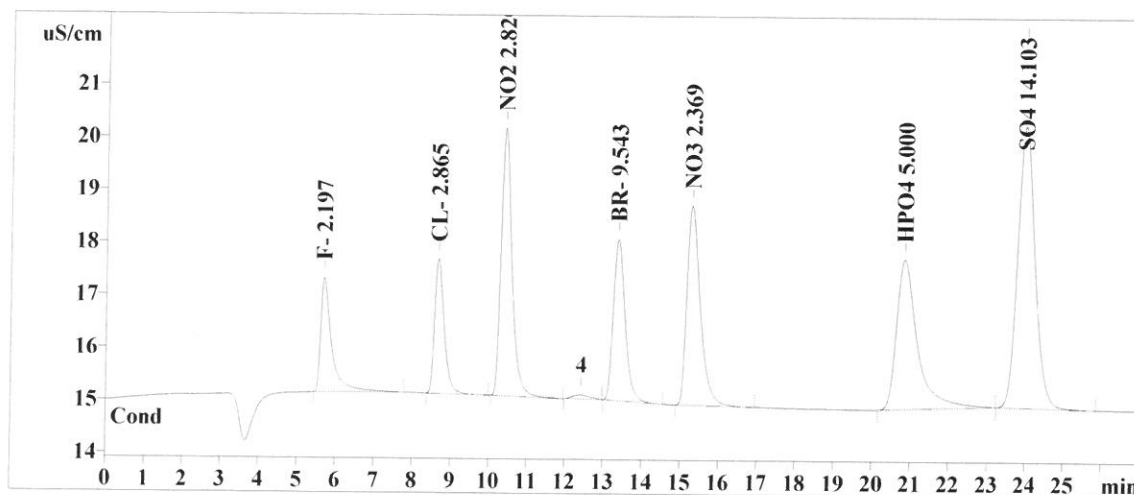
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Last save: 7/10/2018 1:51:50 PM

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

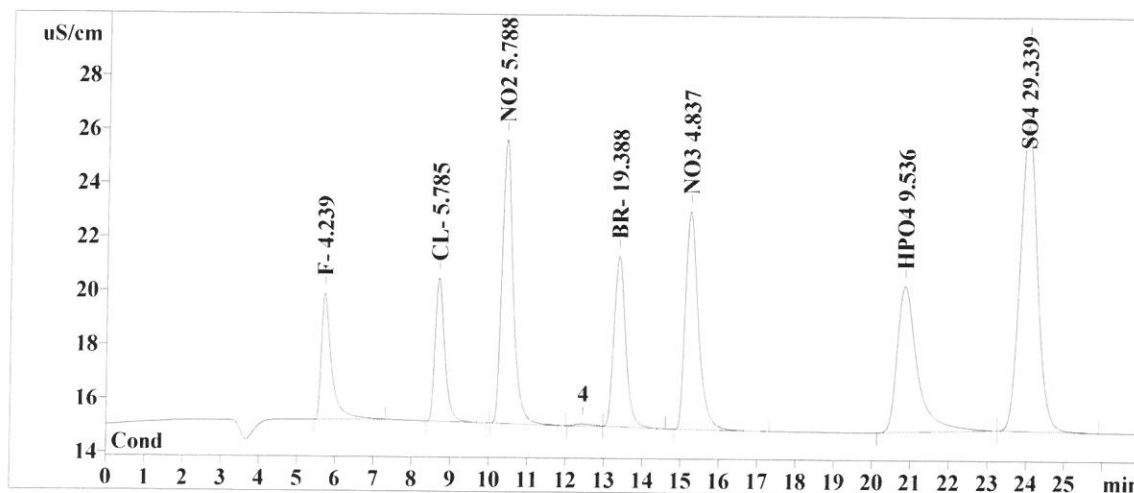
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Analysis from: 7/10/2018 1:54:56 PM
File: _2018-07-10_

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

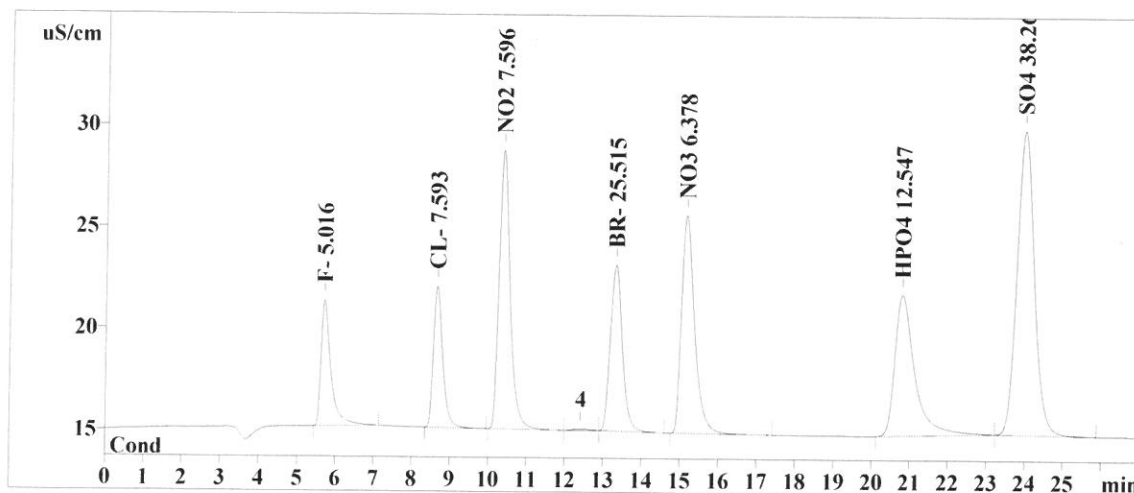
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File: _2018-07-10_

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

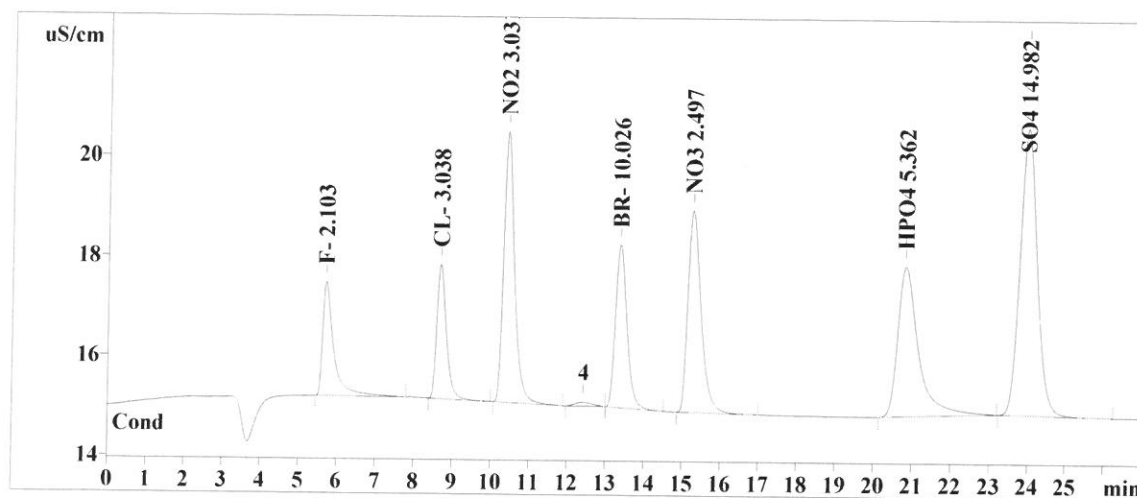
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File: _2018-07-10_

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

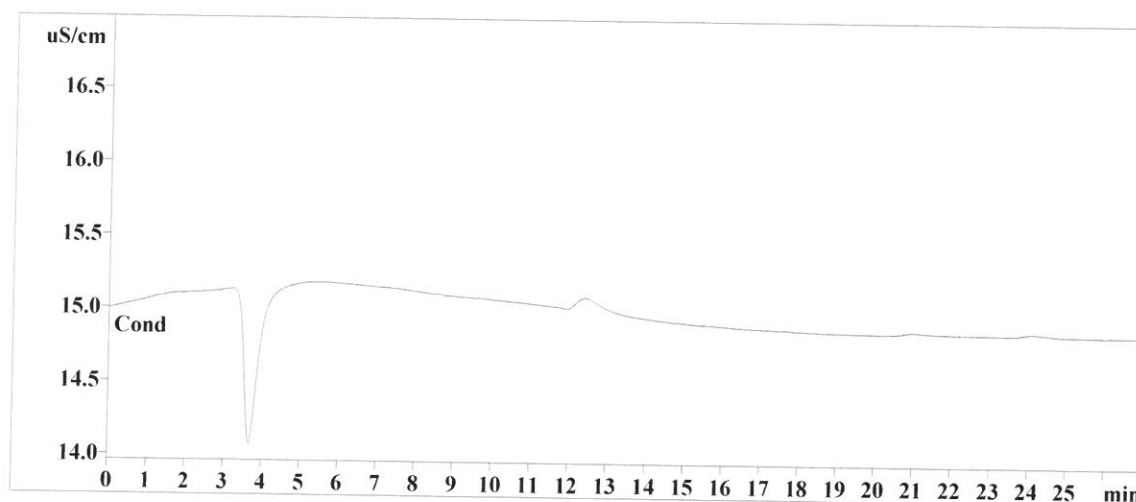
Ident: ICB
Analysis from: 7/10/2018 6:09:08 PM
File: _2018-07-10_

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:
: AK/AP
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
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300.0 water

Report date: 7/31/2018 11:13:57 AM
Printed by: wet

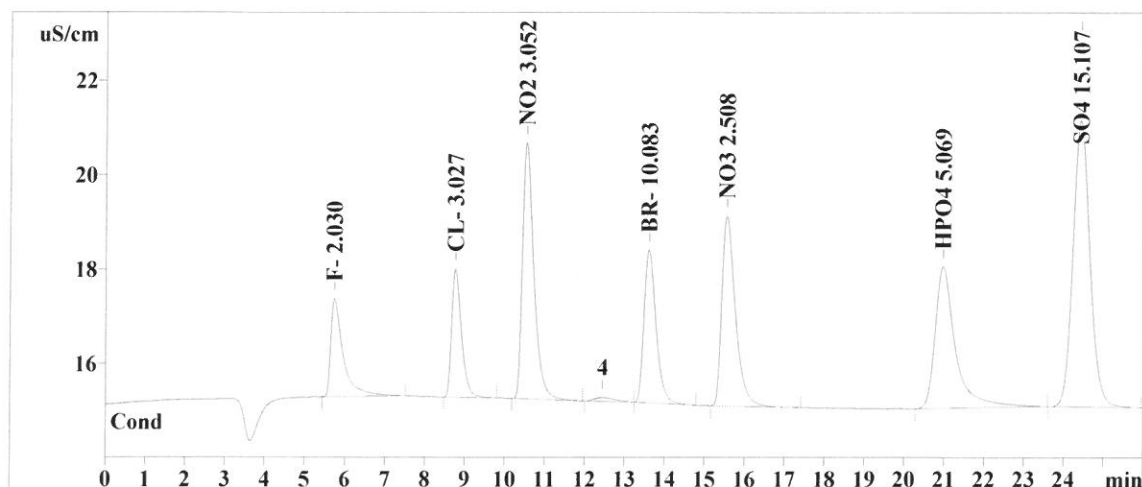
Ident: CCV
Analysis from: 7/24/2018 9:21:31 AM
File: _2018-07-24_

Last save: 7/24/2018 9:47:22 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63247

Last save: 7/13/2018 8:43:04 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	0.290	2.07	7.76	44.934	6.88	0.
2	8.76	0.255	2.71	10.17	46.246	7.08	0.
3	10.54	0.292	5.42	20.39	107.448	16.45	0.
4	13.60	0.319	3.24	12.17	68.183	10.44	0.
5	15.55	0.353	4.02	15.12	95.453	14.62	0.
6	20.96	0.475	3.00	11.26	106.406	16.29	0.
7	24.42	0.453	6.06	22.79	181.320	27.77	0.
7	26.00	0.348	26.51	99.66	649.990	99.54	0.

This report has been created by IC Net
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Report date: 7/31/2018 11:14:21 AM
Printed by: wet

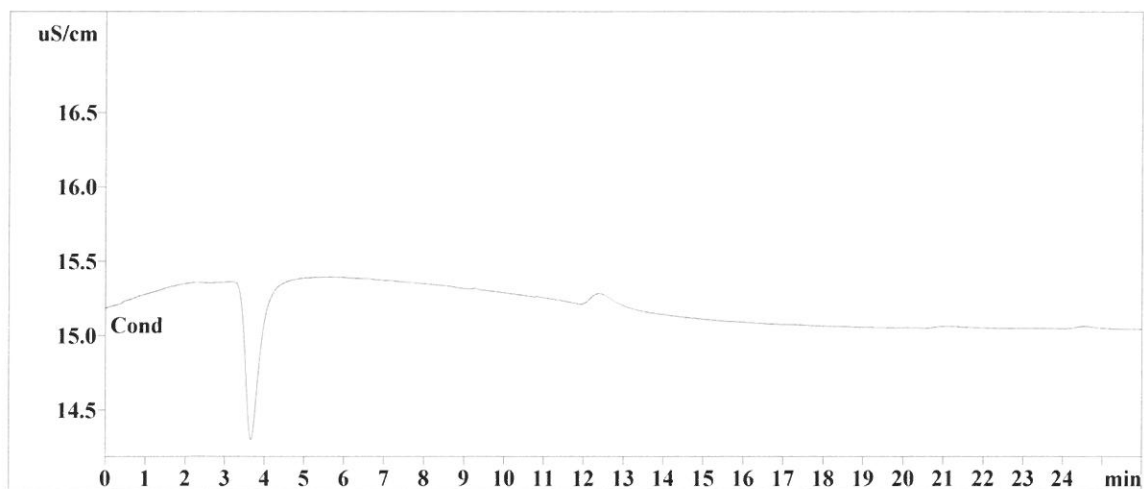
Ident: CCB
Analysis from: 7/24/2018 9:51:29 AM
File: _2018-07-24_

Last save: 7/31/2018 11:14:22 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63248

Last save: 7/13/2018 8:43:04 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: 7/31/2018 11:14:37 AM
Printed by: wet

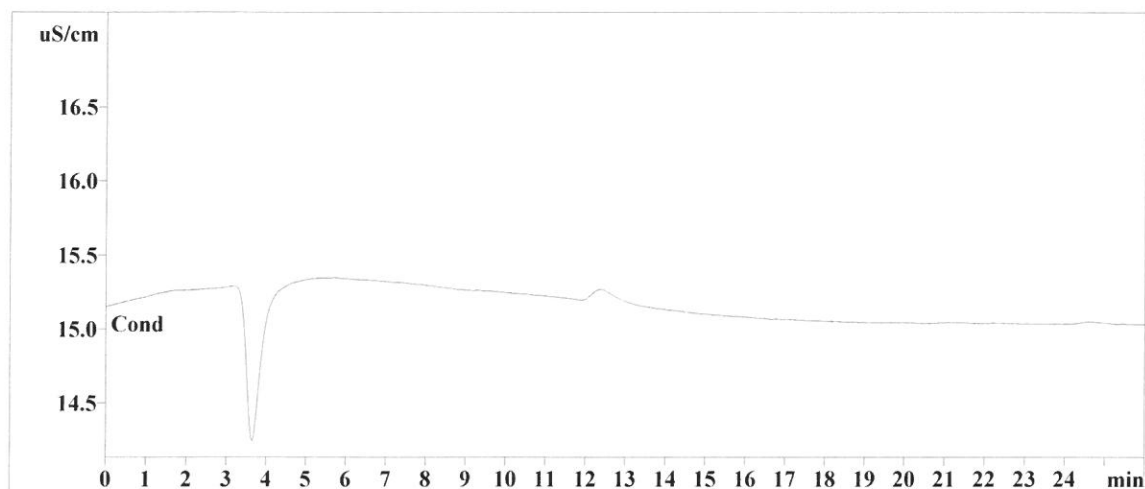
Ident: LB96993BLW
Analysis from: 7/24/2018 10:20:25 AM
File: _2018-07-24_

Last save: 7/31/2018 11:14:36 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63249

Last save: 7/13/2018 8:43:04 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 11:15:07 AM
Printed by: wet

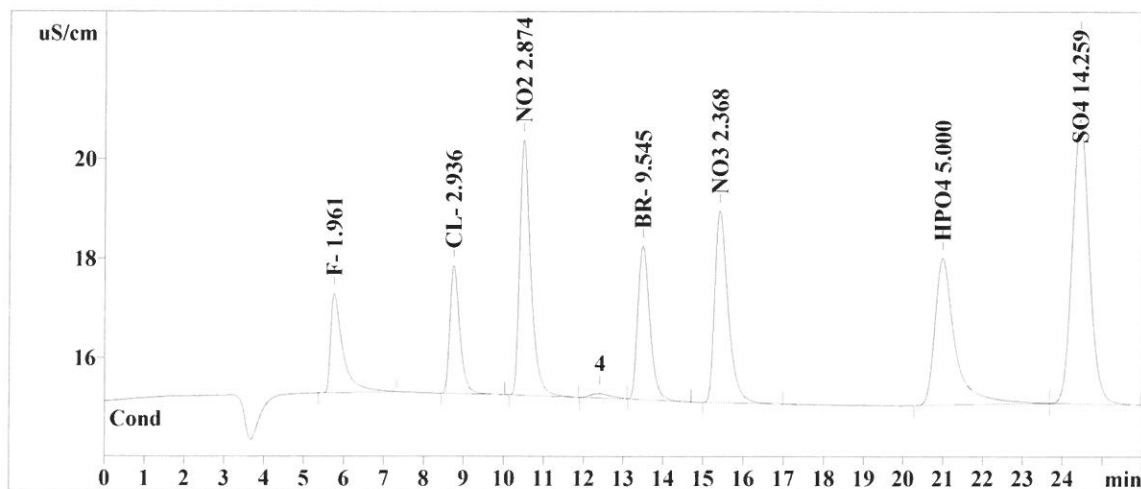
Ident: LB96993BSW
Analysis from: 7/24/2018 10:49:21 AM
File: _2018-07-24_

Last save: 7/31/2018 11:13:34 AM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63250

Last save: 7/13/2018 8:43:04 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	5.75	0.293	1.99	7.85	43.331	6.96	0.
2	8.74	0.260	2.57	10.12	44.823	7.20	0.
3	10.49	0.290	5.13	20.23	100.930	16.22	0.
4	13.48	0.317	3.08	12.16	64.384	10.35	0.
5	15.40	0.347	3.85	15.16	89.877	14.45	0.
6	20.98	0.474	2.95	11.62	105.042	16.88	0.
7	24.43	0.454	5.71	22.50	170.712	27.44	0.
7	26.00	0.348	25.29	99.64	619.098	99.50	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:15:49 AM
Printed by: wet

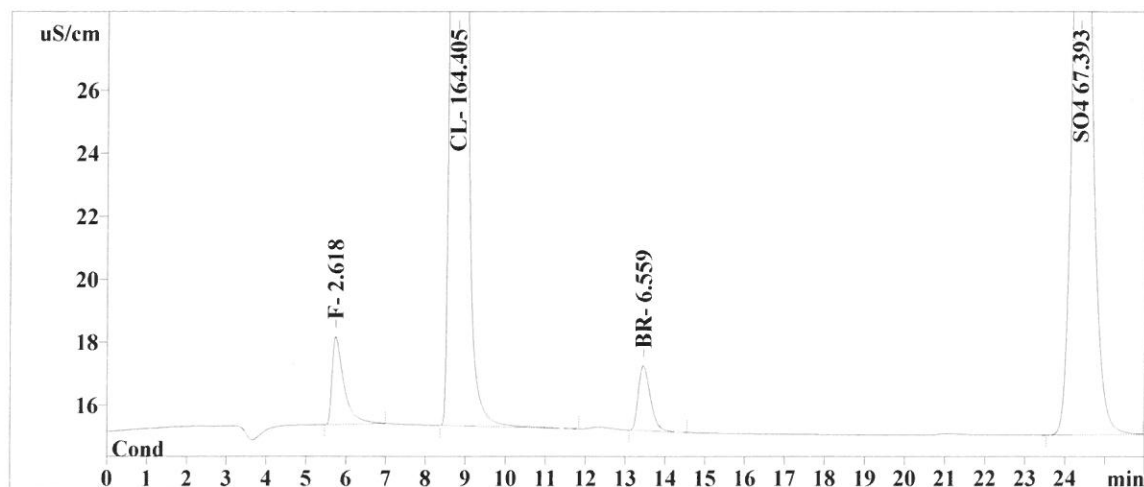
Ident: J4080-08
Analysis from: 7/24/2018 11:20:47 AM
File: _2018-07-24_

Last save: 7/27/2018 5:49:40 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63251

Last save: 7/13/2018 8:43:04 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	5.74	0.298	2.77	1.44	58.473	1.67	0.
2	8.80	0.246	159.32	82.69	2570.194	73.28	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.44	0.320	2.06	1.07	43.286	1.23	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	24.36	0.444	28.52	14.80	835.369	23.82	0.
7	26.00	0.187	192.67	99.99	3507.322	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:16:24 AM
Printed by: wet

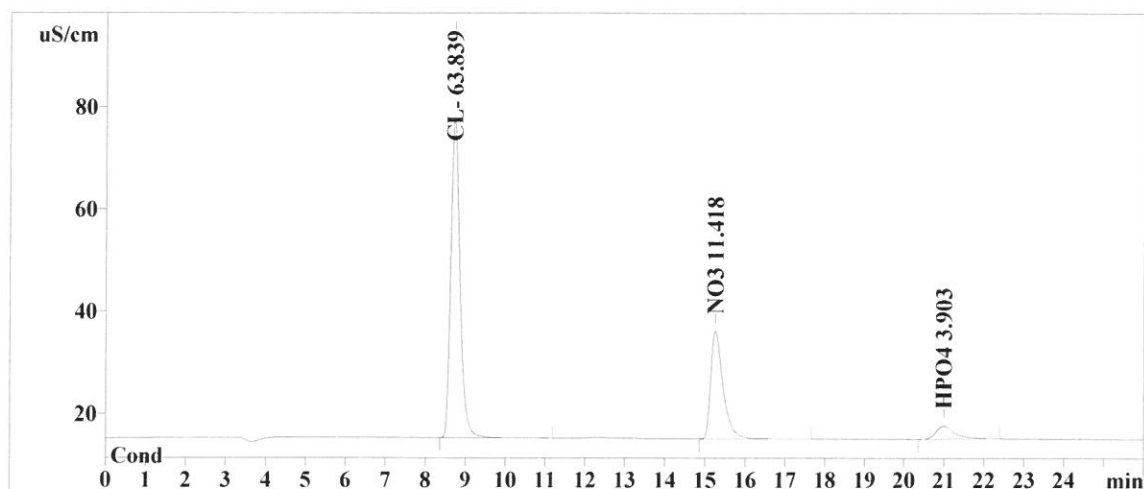
Ident: J4080-23
Analysis from: 7/24/2018 11:49:43 AM
File: _2018-07-24_

Last save: 7/27/2018 6:01:22 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63252

Last save: 7/13/2018 8:43:04 AM

SAMPLE:
: AK/AP
Vial number: 7
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	8.71	0.239	62.34	72.62	997.344	65.18	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	15.25	0.315	21.00	24.47	449.563	29.38	0.
6	20.99	0.469	2.50	2.92	83.300	5.44	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.00	0.146	85.84	100.01	1530.207	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:16:33 AM
Printed by: wet

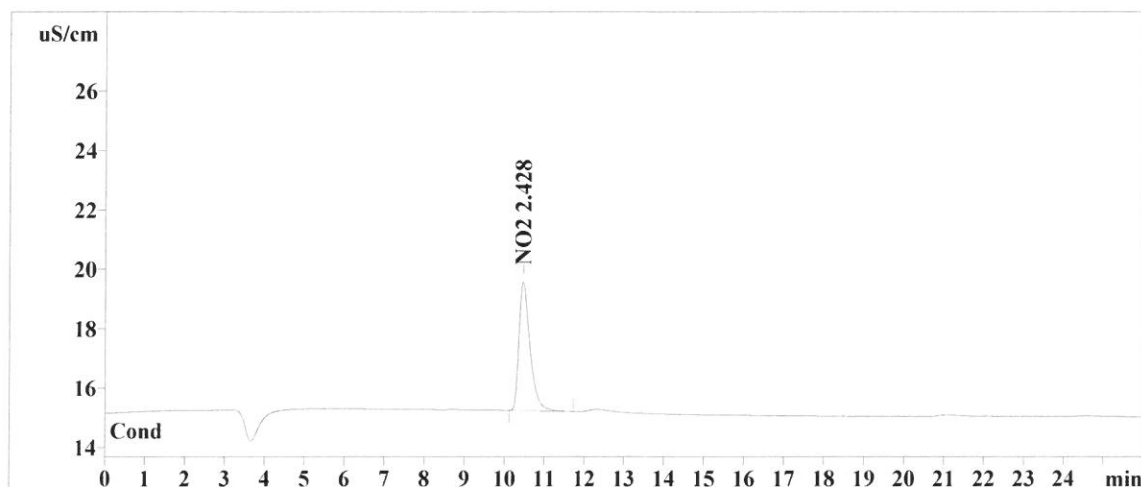
Ident: J4080-33
Analysis from: 7/24/2018 12:18:52 PM
File: _2018-07-24_

Last save: 7/27/2018 6:00:22 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63253

Last save: 7/13/2018 8:43:04 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	10.46	0.289	4.32	100.00	84.516	100.00	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	26.00	0.041	4.32	100.00	84.516	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:16:53 AM
Printed by: wet

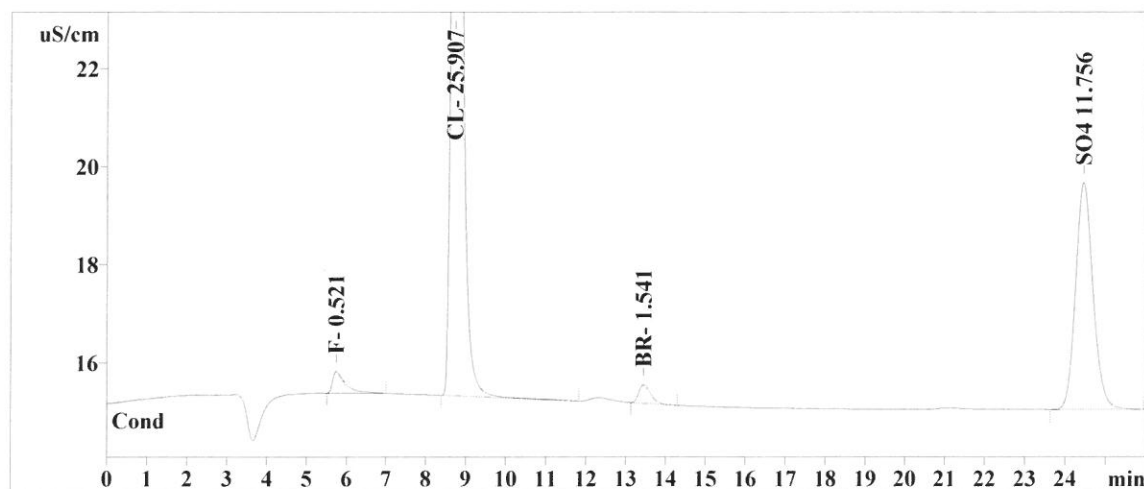
Ident: J4080-08DLX5
Analysis from: 7/24/2018 12:47:47 PM
File: _2018-07-24_

Last save: 7/27/2018 5:49:40 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63254

Last save: 7/13/2018 8:43:04 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	5.74	0.306	0.44	1.44	10.125	1.80	0.
2	8.73	0.236	25.23	82.24	404.099	71.97	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.46	0.318	0.38	1.23	7.835	1.40	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	24.45	0.457	4.63	15.08	139.399	24.83	0.
7	26.00	0.188	30.68	100.00	561.457	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:17:44 AM
Printed by: wet

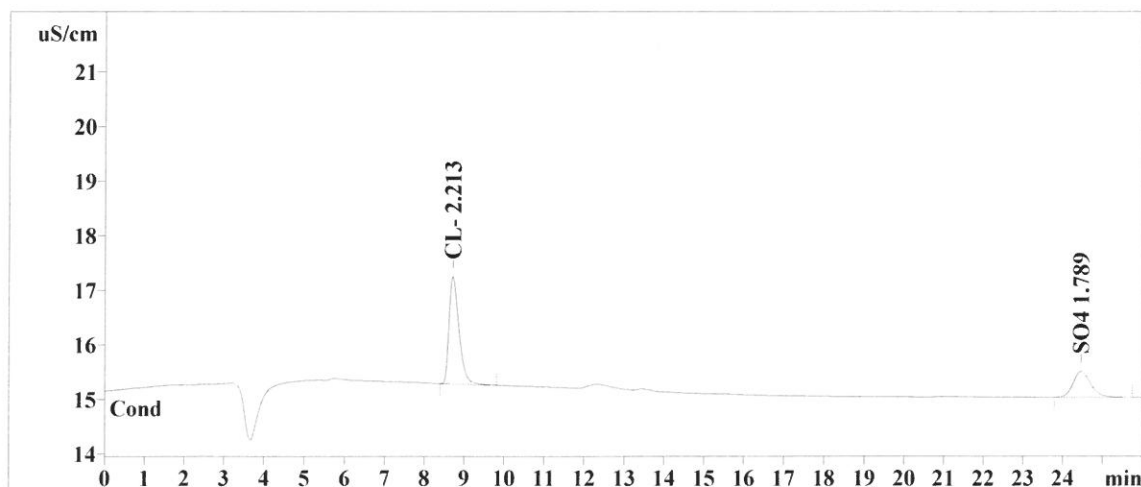
Ident: J4080-08DLX50
Analysis from: 7/24/2018 1:16:43 PM
File: _2018-07-24_

Last save: 7/27/2018 5:49:40 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63255

Last save: 7/13/2018 8:43:04 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	8.71	0.255	1.96	80.55	33.520	69.49	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	24.47	0.472	0.47	19.41	14.720	30.51	0.
7	26.00	0.104	2.44	99.96	48.241	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:18:00 AM
Printed by: wet

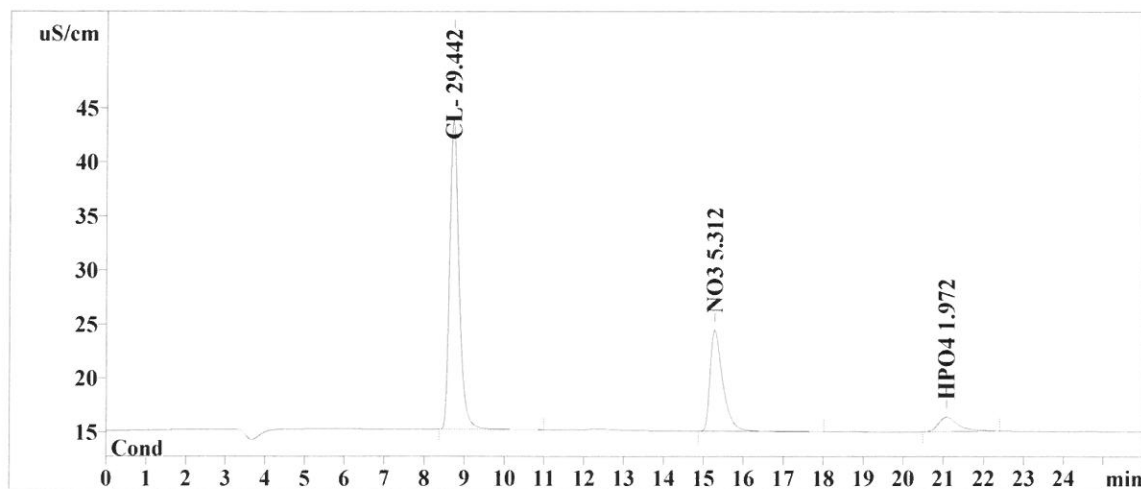
Ident: J4080-23DLX2
Analysis from: 7/24/2018 1:45:39 PM
File: _2018-07-24_

Last save: 7/27/2018 6:01:22 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63256

Last save: 7/13/2018 8:43:04 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.71	0.236	28.69	72.92	459.381	64.58	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	15.28	0.326	9.33	23.71	206.862	29.08	0.
6	21.07	0.484	1.33	3.37	45.069	6.34	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.00	0.150	39.34	100.00	711.312	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:18:30 AM
Printed by: wet

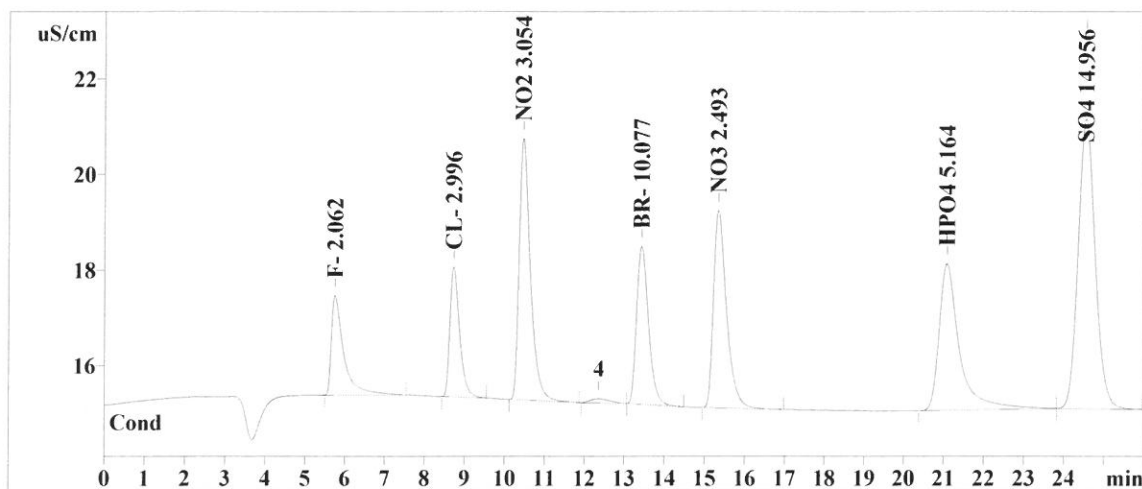
Ident: CCV
Analysis from: 7/24/2018 2:14:34 PM
File: _2018-07-24_

Last save: 7/24/2018 2:40:24 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63257

Last save: 7/13/2018 8:43:04 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	5.75	0.291	2.08	7.72	45.657	6.99	0.
2	8.72	0.252	2.71	10.08	45.773	7.01	0.
3	10.46	0.290	5.47	20.32	107.526	16.47	0.
4	13.43	0.313	3.31	12.27	68.143	10.44	0.
5	15.33	0.342	4.14	15.35	94.850	14.53	0.
6	21.07	0.468	3.07	11.41	108.274	16.59	0.
7	24.54	0.450	6.06	22.49	179.424	27.49	0.
7	26.00	0.344	26.85	99.65	649.647	99.53	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/31/2018 11:18:38 AM
Printed by: wet

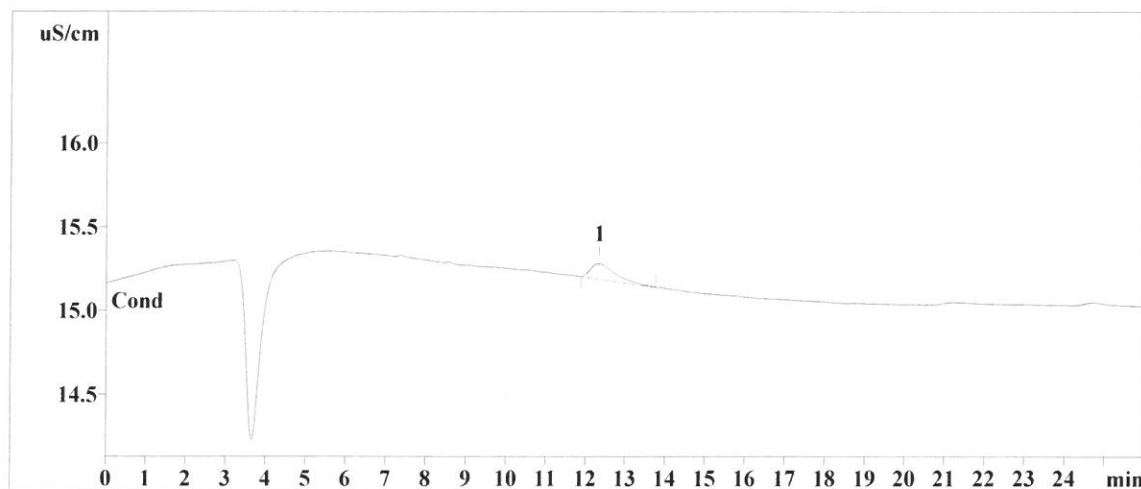
Ident: CCB
Analysis from: 7/24/2018 2:44:13 PM
File: _2018-07-24_

Last save: 7/24/2018 3:10:04 PM

Method: ANIONS 07-10-18.mtw
Run operator: wet
Analysis number: 63258

Last save: 7/13/2018 8:43:04 AM

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	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	26.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD