

IC-1 300.0

10-15-18

AL

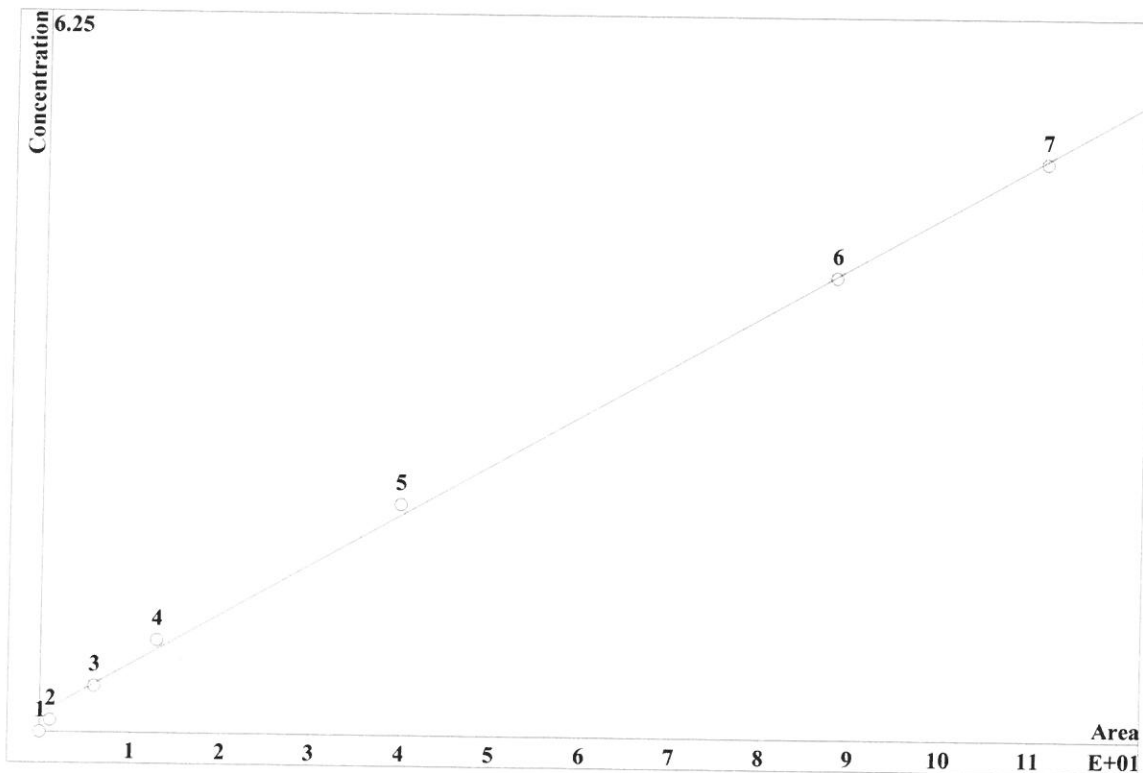
Clear table

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	2018-10-09_	10/9/18 13:09		AK/AP
STD2	0.2080	0.2410	0.2380	0.7970	0.2010	0.1680	1.3510	2018-10-09_	10/9/18 13:39		AK/AP
STD3	0.4200	0.6230	0.6270	2.0440	0.5130	1.0010	3.2010	2018-10-09_	10/9/18 14:09		AK/AP
STD4	0.7230	1.2210	1.2240	4.0640	1.0100	2.1590	6.0420	2018-10-09_	10/9/18 14:39		AK/AP
STD5	1.9050	2.8150	2.7940	9.3800	2.3560	4.8930	13.7910	2018-10-09_	10/9/18 15:09		AK/AP
STD6	4.0140	5.9540	5.9940	20.0350	4.9800	10.0720	29.8690	2018-10-09_	10/9/18 15:39		AK/AP
STD7	5.0290	7.5970	7.5720	25.1790	6.3140	12.4580	37.9970	2018-10-09_	10/9/18 16:09		AK/AP
ICV	2.0790	3.0350	2.9690	9.9510	2.4550	5.4830	14.6680	2018-10-09_	10/9/18 16:40		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-09_	10/9/18 17:10		AK/AP
CCV	2.0830	2.9320	2.8420	9.5990	2.4060	5.2610	14.5590	2018-10-11_	10/11/18 7:53		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-11_	10/11/18 8:26		AK/AP
LB98608BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-11_	10/11/18 8:56		AK/AP
LB98608BSW	1.9240	2.7270	2.8010	9.1970	2.2710	5.5990	13.6070	2018-10-11_	10/11/18 10:04		AK/AP
J5429-02	0.0000	0.4090	0.0000	0.0000	0.0000	0.0000	2.8350	2018-10-11_	10/11/18 11:06		AK/AP
J5401-01	0.0000	0.1590	0.0000	0.0000	0.1340	0.0000	0.0000	2018-10-11_	10/11/18 11:36		AK/AP
J5429-03	0.0000	0.5080	0.0000	0.0000	0.0000	0.0000	0.9500	2018-10-11_	10/11/18 12:06		AK/AP
J5429-03DUP	0.0000	0.4780	0.0000	0.0000	0.0000	0.0000	0.9330	2018-10-11_	10/11/18 12:36		AK/AP
J5429-04MS	0.5780	3.2620	2.8220	10.1160	2.4940	5.2350	15.5760	2018-10-11_	10/11/18 13:05		AK/AP
J5429-05MSD	0.5320	3.2250	2.7340	9.7340	2.4220	6.2580	15.2580	2018-10-11_	10/11/18 13:35		AK/AP
CCV	1.8320	3.0680	2.9740	9.9970	2.5150	6.0770	15.0450	2018-10-11_	10/11/18 14:05		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-11_	10/11/18 14:44		AK/AP
J5452-01	0.0000	0.1700	0.0000	0.0000	0.4000	0.0000	0.0000	2018-10-11_	10/11/18 15:14		AK/AP
J5452-02	0.0000	0.0000	0.0000	0.0000	0.2920	0.0000	0.0000	2018-10-11_	10/11/18 15:43		AK/AP
CCV	2.0410	3.0840	2.9800	9.8960	2.5000	5.9130	15.0620	2018-10-11_	10/11/18 16:13		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-10-11_	10/11/18 16:43		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.875596 \cdot A + 3.16079$
 RSD: 4.082 %
 Correlation coefficient: 0.999320

IC-1 Cal
 10-9-18 AK



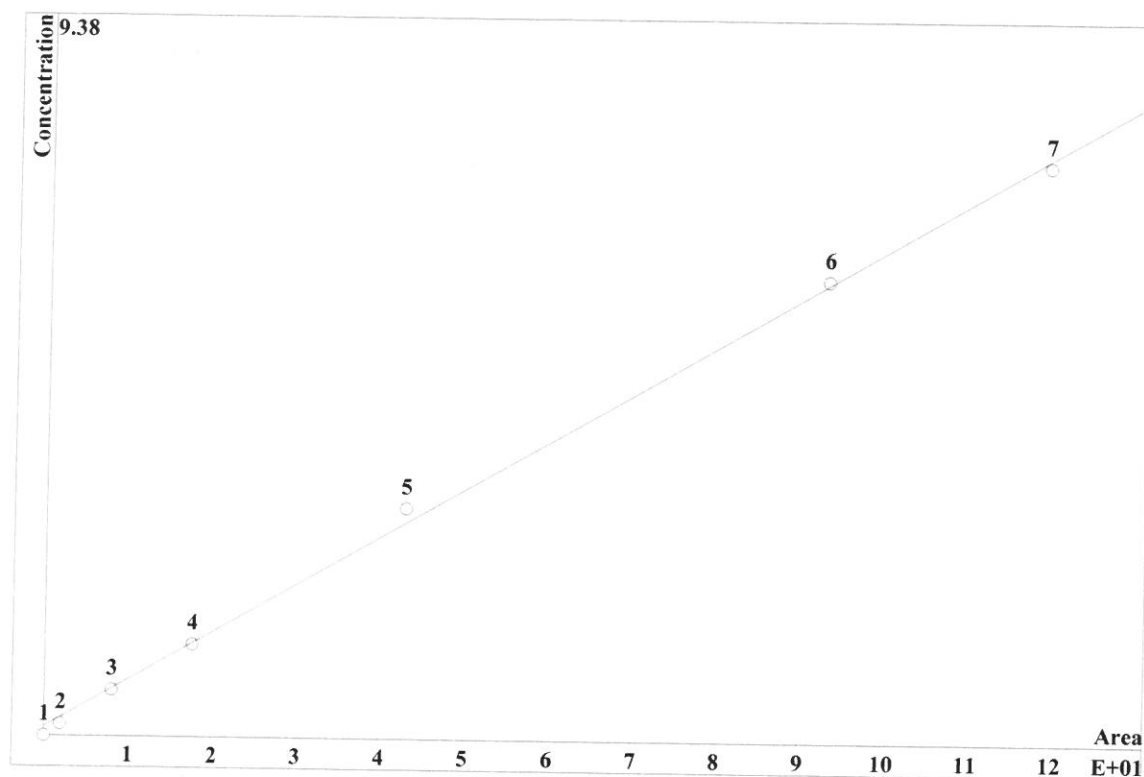
K3 = 0 K2 = 0 K1 = 0.875596 K0 = 3.16079

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	0.02985	1.139	0.1	20	5.913	Yes	
3	0.1726	5.984	0.4	20	5.913	Yes	
4	0.4044	12.91	0.8	20	5.913	Yes	
5	1.097	39.91	2	20	5.913	Yes	
6	2.433	88.08	4	20	5.913	Yes	
7	3.144	111.3	5	20	5.913	Yes	

CALIBRATION OF COMPONENT CL-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.25459 \cdot A + 2.4076$
 RSD: 3.817 %
 Correlation coefficient: 0.999405



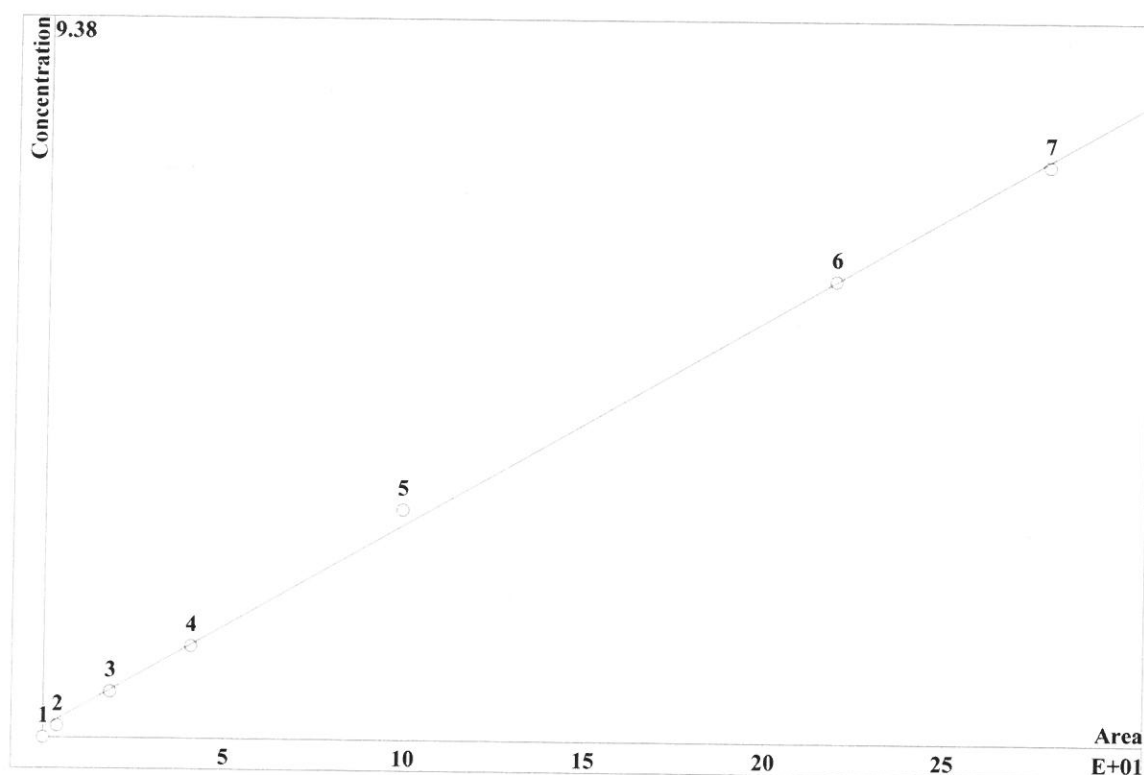
K3 = 0 K2 = 0 K1 = 1.25459 K0 = 2.4076

Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.1178	1.923	0.15	20	8.858			Yes
3	0.4971	8.014	0.6	20	8.858			Yes
4	1.095	17.54	1.2	20	8.858			Yes
5	2.703	42.95	3	20	8.858			Yes
6	5.915	92.99	6	20	8.858			Yes
7	7.569	119.2	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.535758 \cdot A + 2.65017$
 RSD: 3.867 %
 Correlation coefficient: 0.999389



K3 = 0 K2 = 0 K1 = 0.535758 K0 = 2.65017

Base: Area

Ref.channel: Cond

ISTD:

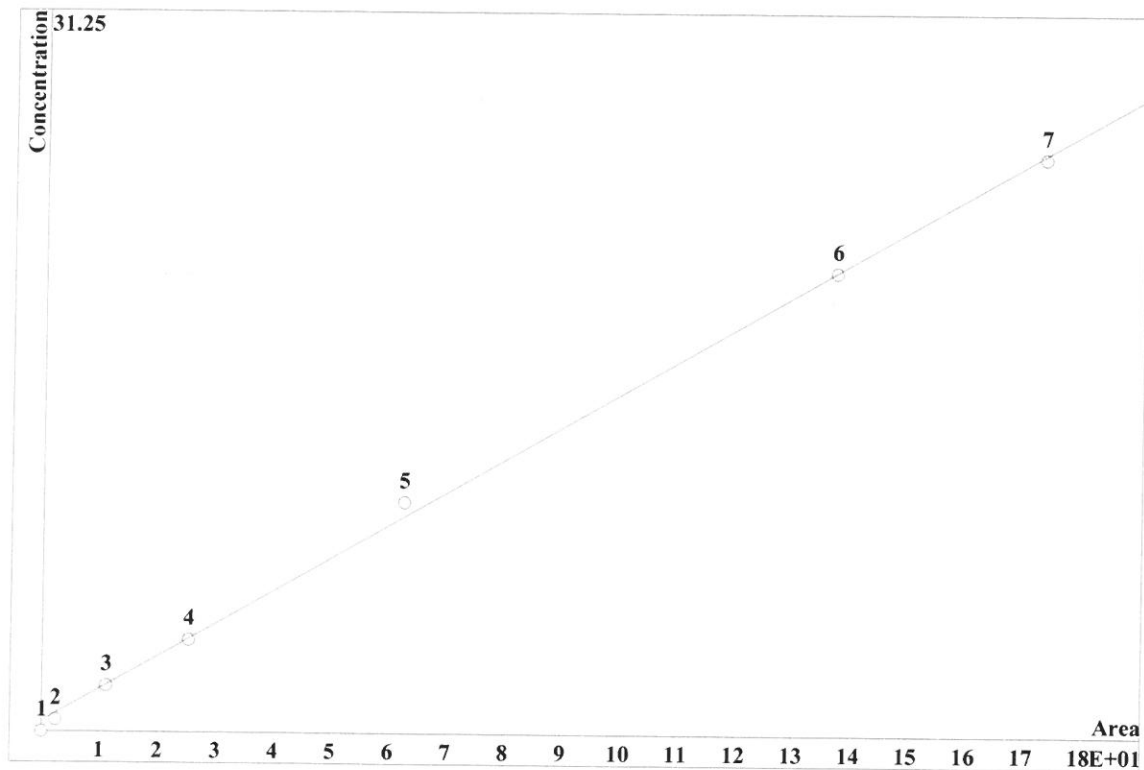
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.2247	3.954	0.15	20	10.65		Yes
3	1.002	18.48	0.6	20	10.65		Yes
4	2.242	40.74	1.2	20	10.65		Yes
5	5.542	99.37	3	20	10.65		Yes
6	12	218.8	6	20	10.65		Yes
7	15.19	277.7	7.5	20	10.65		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 2.85249 \cdot A + 9.13358$
 RSD: 3.491 %
 Correlation coefficient: 0.999502

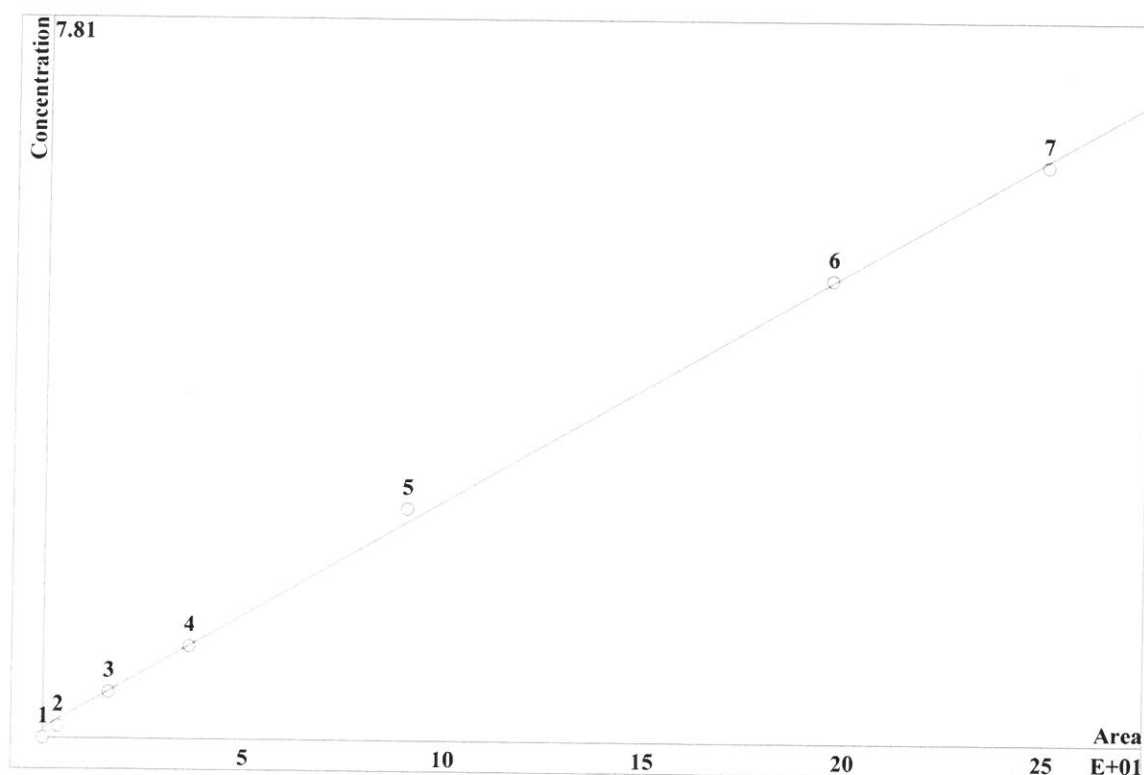


K3 = 0 K2 = 0 K1 = 2.85249 K0 = 9.13358
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1204	2.385	0.5	20	13.72			Yes
3	0.5487	11.13	2	20	13.72			Yes
4	1.23	25.3	4	20	13.72			Yes
5	3.007	62.56	10	20	13.72			Yes
6	6.261	137.3	20	20	13.72			Yes
7	7.728	173.3	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 0.496528 \cdot A + 2.17514$
 RSD: 3.454 %
 Correlation coefficient: 0.999513

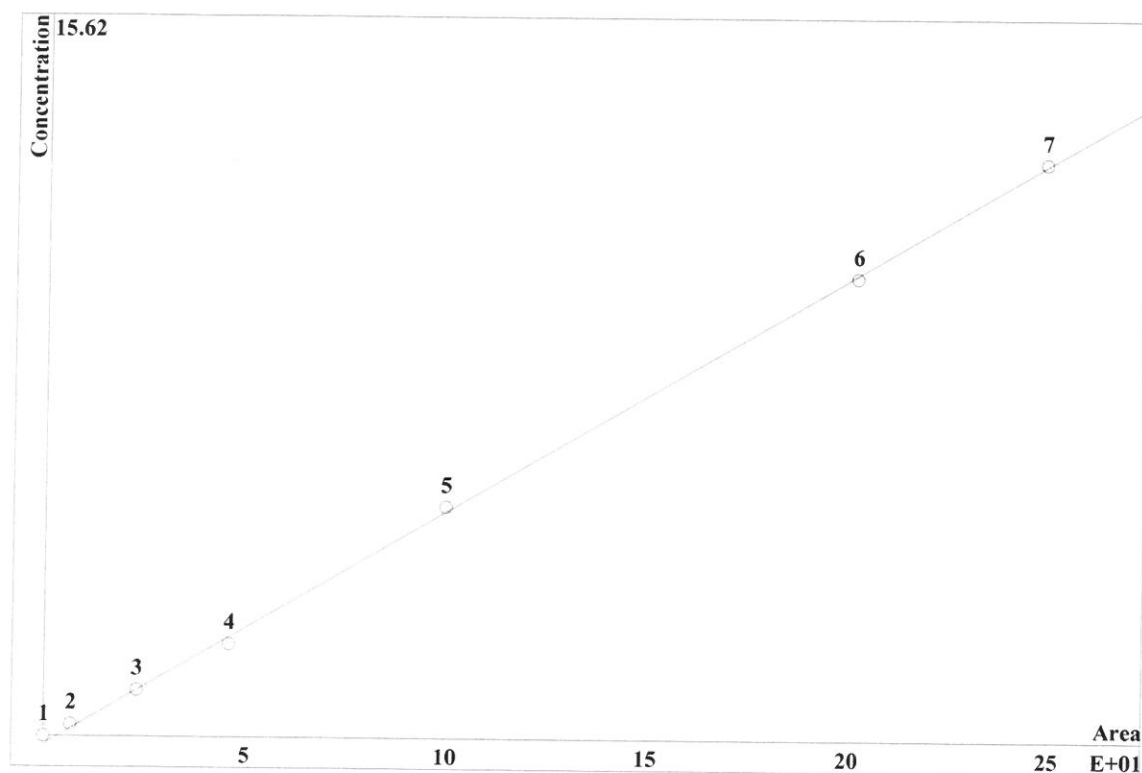


K3 = 0 K2 = 0 K1 = 0.496528 K0 = 2.17514
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1638	3.72	0.125	20	15.65			Yes
3	0.7232	16.29	0.5	20	15.65			Yes
4	1.614	36.32	1	20	15.65			Yes
5	4.071	90.51	2.5	20	15.65			Yes
6	9.097	196.2	5	20	15.65			Yes
7	11.71	250	6.25	20	15.65			Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.01662 \cdot A - 3.55994$
 RSD: 2.191 %
 Correlation coefficient: 0.999804



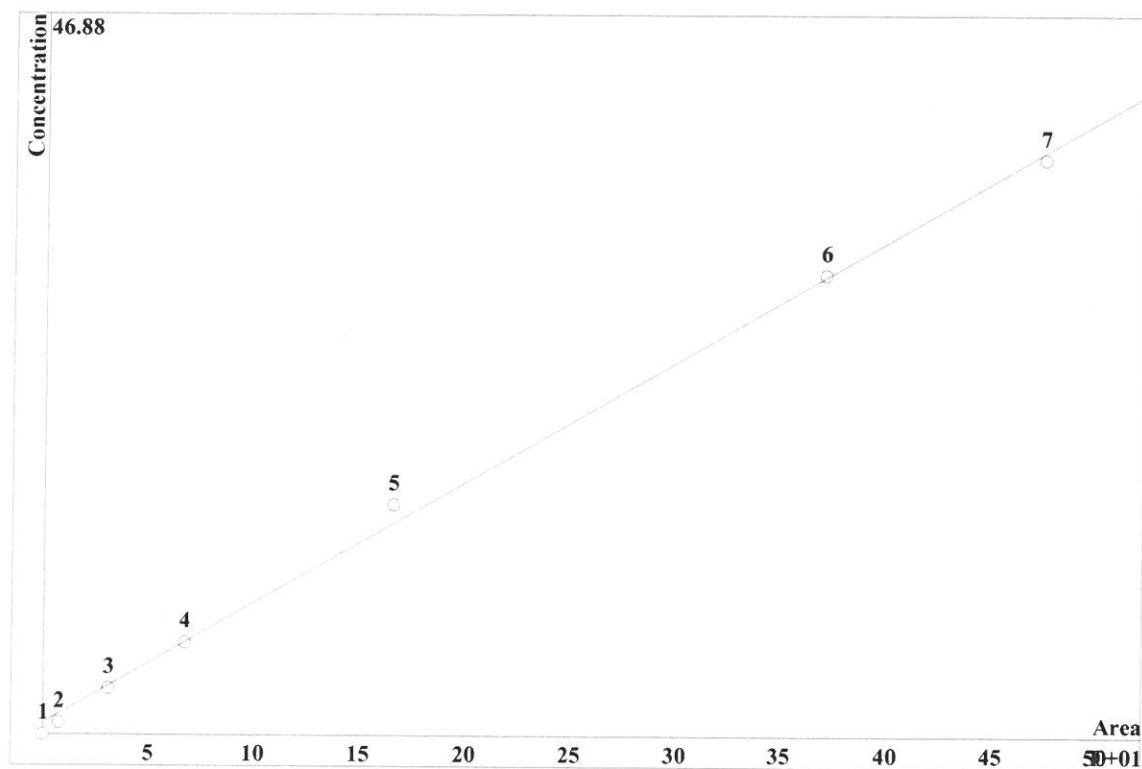
K3 = 0 K2 = 0 K1 = 1.01662 K0 = -3.55994

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	0.172	6.803	0.25	20	21.48			Yes
3	0.6244	23.19	1	20	21.48			Yes
4	1.294	45.98	2	20	21.48			Yes
5	2.948	99.76	5	20	21.48			Yes
6	6.158	201.6	10	20	21.48			Yes
7	7.796	248.6	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 10-09-18.mtw
 Equation: $Q = 1.57021 \cdot A + 15.2057$
 RSD: 4.746 %
 Correlation coefficient: 0.999080



K3 = 0 K2 = 0 K1 = 1.57021 K0 = 15.2057

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	0.2519	7.523	0.75	20	25.17			Yes
3	1.056	31.08	3	20	25.17			Yes
4	2.343	67.27	6	20	25.17			Yes
5	5.912	166	15	20	25.17			Yes
6	13.3	370.8	30	20	25.17			Yes
7	17.06	474.3	37.5	20	25.17			Yes

Report date: 10/10/2018 11:06:04 AM
Printed by: wet

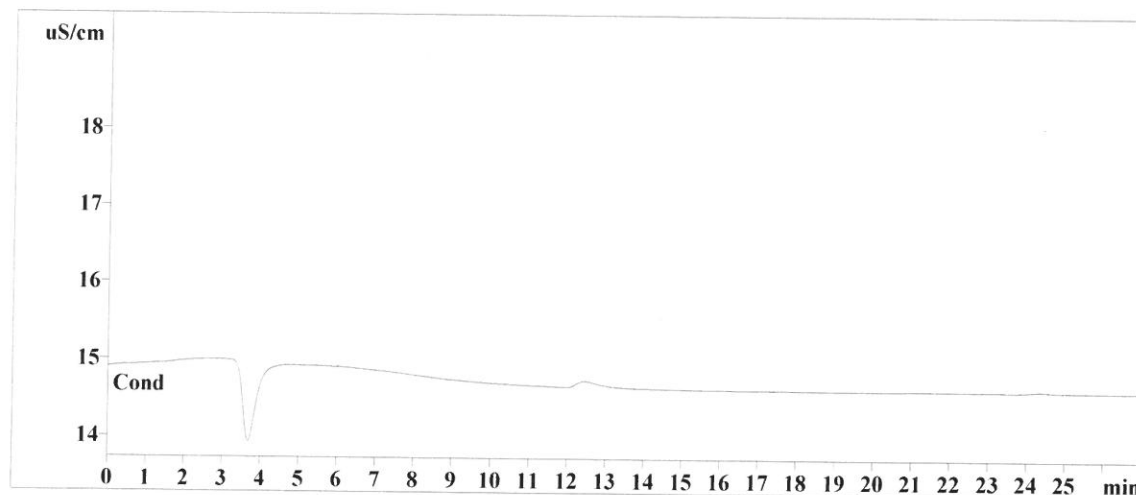
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File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64423

Last save: 10/9/2018 12:19:12 PM

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: 10/9/2018 4:25:49 PM
Printed by: wet

Ident: STD2
Analysis from: 10/9/2018 1:39:39 PM
File: _2018-10-09_

Last save: 10/9/2018 2:06:28 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64424

Last save: 10/9/2018 1:36:32 PM

SAMPLE:

AK/AP

AK

10-10-18

Vial number:

3

Volume:

20.0 µL

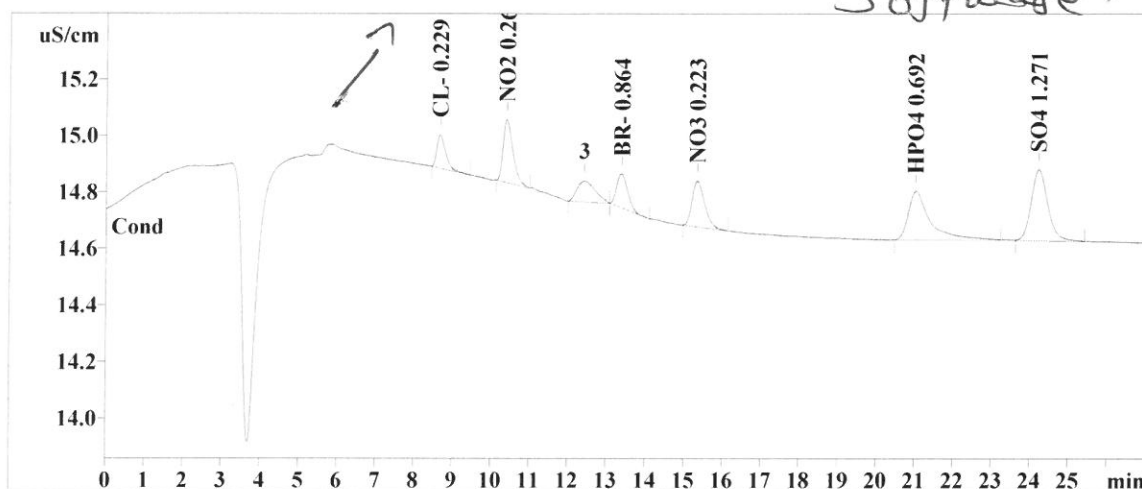
Dilution:

1.00

Amount:

1.0000

Before peak was not integrated by software.



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	8.66	0.243	0.12	10.45	1.923	6.69	0.
3	10.40	0.266	0.22	19.93	3.954	13.76	0.
4	13.37	0.311	0.12	10.67	2.385	8.30	0.
5	15.34	0.343	0.16	14.51	3.720	12.94	0.
6	21.02	0.505	0.17	15.26	6.803	23.66	0.
7	24.22	0.447	0.25	22.34	7.523	26.17	0.
7	27.00	0.302	1.05	93.15	26.308	91.51	0.

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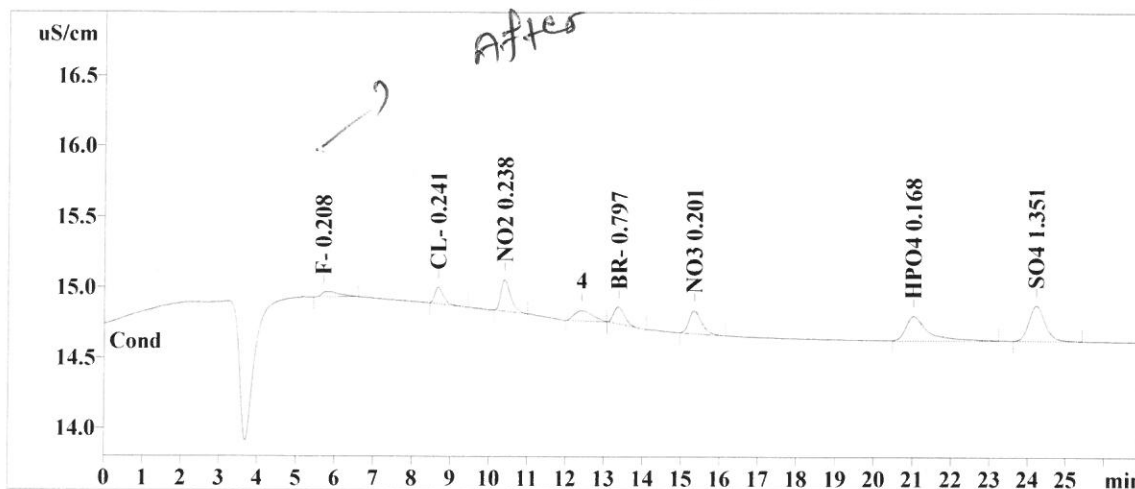
Report date: 10/10/2018 11:06:12 AM
Printed by: wet

Ident: STD2
Analysis from: 10/9/2018 1:39:39 PM
File: _2018-10-09_
Manual peaks!
Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64424

Last save: 10/9/2018 4:37:24 PM

Last save: 10/9/2018 12:19:12 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	0.570	0.03	2.59	1.139	3.81	0.
2	8.66	0.243	0.12	10.18	1.923	6.43	0.
3	10.40	0.266	0.22	19.41	3.954	13.23	0.
4	13.37	0.311	0.12	10.39	2.385	7.98	0.
5	15.34	0.343	0.16	14.14	3.720	12.45	0.
6	21.02	0.505	0.17	14.87	6.803	22.76	0.
7	24.22	0.447	0.25	21.76	7.523	25.17	0.
7	27.00	0.384	1.08	93.33	27.447	91.83	0.

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Report date: 10/10/2018 11:06:19 AM
Printed by: wet

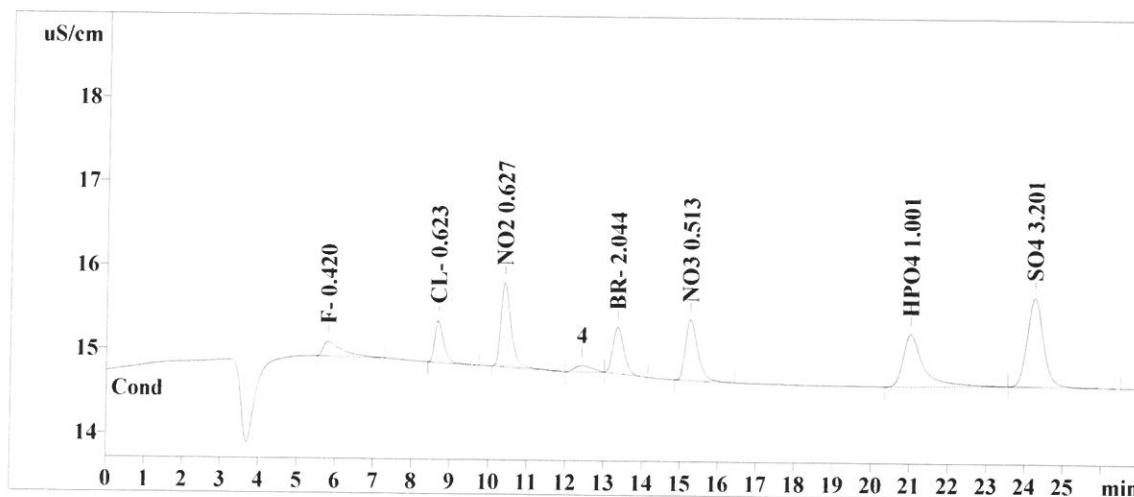
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Analysis from: 10/9/2018 2:09:34 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64425

Last save: 10/9/2018 12:19:12 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	5.80	0.509	0.17	3.66	5.984	5.14	0.
2	8.67	0.242	0.50	10.58	8.014	6.88	0.
3	10.40	0.266	1.00	21.32	18.477	15.86	0.
4	13.34	0.314	0.55	11.67	11.129	9.55	0.
5	15.26	0.336	0.72	15.37	16.286	13.98	0.
6	21.01	0.478	0.62	13.28	23.192	19.91	0.
7	24.24	0.440	1.06	22.46	31.084	26.68	0.
7	27.00	0.369	4.62	98.33	114.166	97.99	0.

This report has been created by IC Net
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Report date: 10/10/2018 11:06:28 AM
Printed by: wet

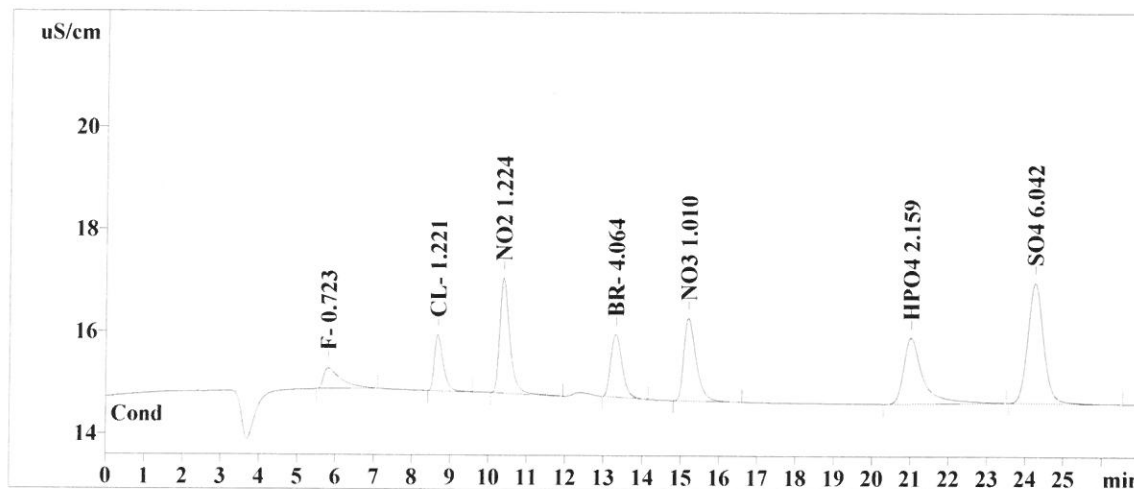
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File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64426

Last save: 10/9/2018 12:19:12 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	5.81	0.448	0.40	3.95	12.910	5.25	0.
2	8.67	0.240	1.10	10.71	17.540	7.13	0.
3	10.39	0.265	2.24	21.93	40.744	16.56	0.
4	13.30	0.317	1.23	12.03	25.296	10.28	0.
5	15.20	0.336	1.61	15.79	36.320	14.76	0.
6	21.01	0.465	1.29	12.65	45.977	18.69	0.
7	24.25	0.431	2.34	22.91	67.272	27.34	0.
7	27.00	0.357	10.22	99.97	246.059	100.00	0.

This report has been created by IC Net
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Report date: 10/10/2018 11:06:37 AM
 Printed by: wet

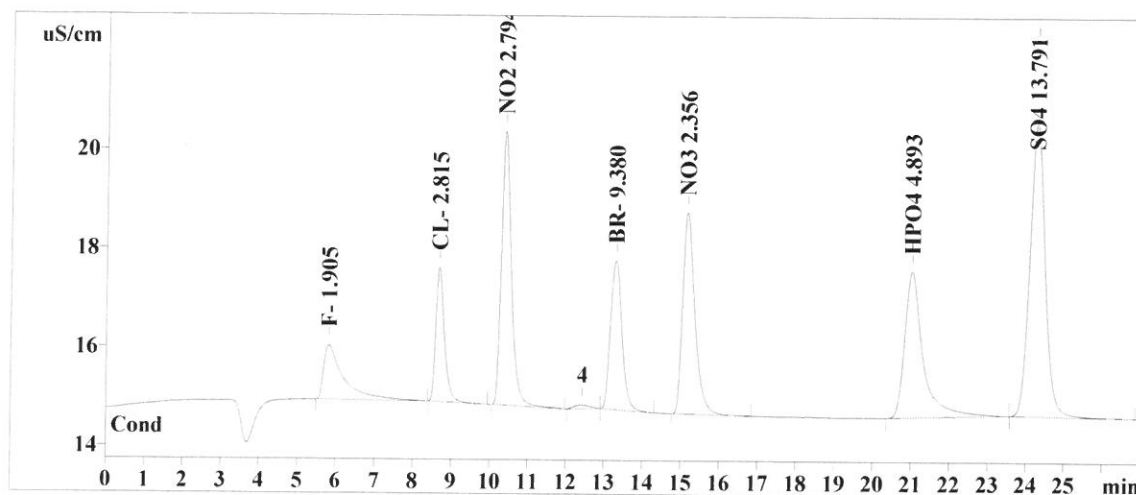
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 File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64427

Last save: 10/9/2018 12:19:12 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	5.81	0.457	1.10	4.32	39.906	6.62	0.
2	8.67	0.237	2.70	10.66	42.952	7.12	0.
3	10.37	0.264	5.54	21.85	99.372	16.47	0.
4	13.29	0.321	3.01	11.86	62.564	10.37	0.
5	15.15	0.331	4.07	16.06	90.515	15.01	0.
6	21.01	0.446	2.95	11.63	99.764	16.54	0.
7	24.25	0.421	5.91	23.32	165.971	27.51	0.
7	27.00	0.354	25.28	99.69	601.044	99.64	0.

This report has been created by IC Net
 METROHM LTD

Report date: 10/10/2018 11:06:45 AM
Printed by: wet

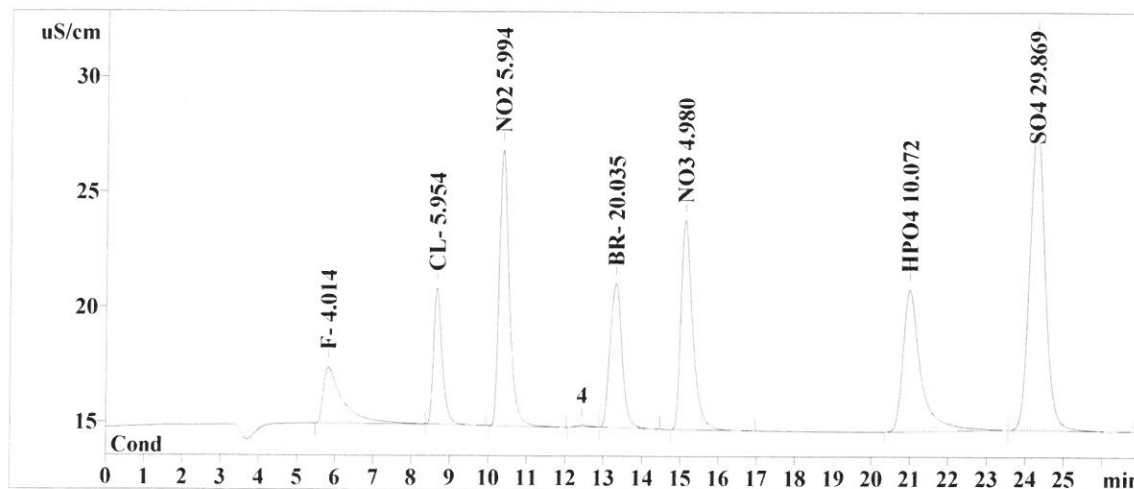
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Analysis from: 10/9/2018 3:39:19 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:24 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64428

Last save: 10/9/2018 12:19:12 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	0.464	2.43	4.40	88.085	6.73	0.
2	8.66	0.234	5.91	10.71	92.990	7.11	0.
3	10.36	0.269	12.00	21.72	218.810	16.73	0.
4	13.31	0.342	6.26	11.33	137.275	10.50	0.
5	15.11	0.319	9.10	16.47	196.223	15.00	0.
6	20.99	0.437	6.16	11.15	201.642	15.42	0.
7	24.27	0.418	13.30	24.08	370.755	28.35	0.
7	27.00	0.355	55.16	99.85	1305.779	99.84	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:06:53 AM
Printed by: wet

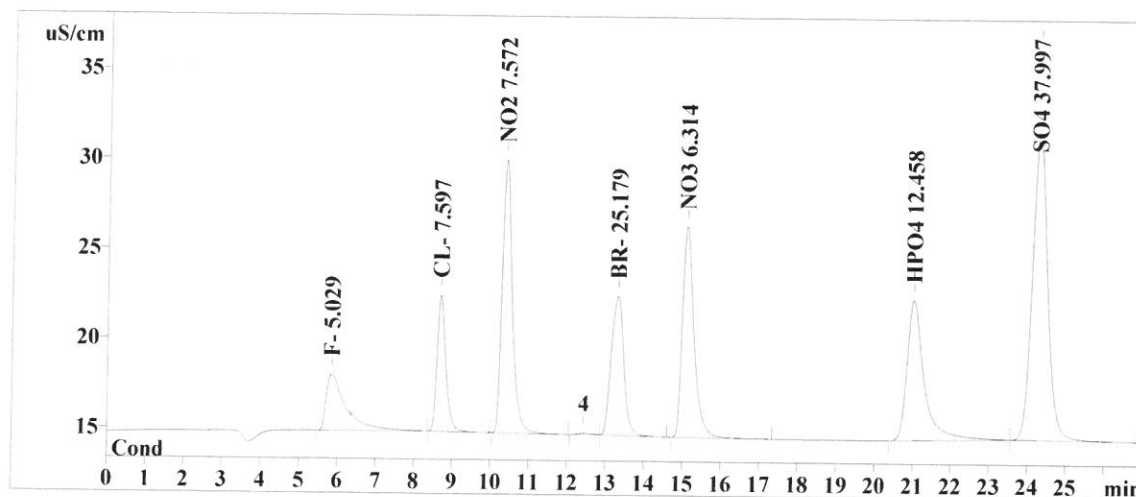
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Analysis from: 10/9/2018 4:09:14 PM
File: _2018-10-09_

Last save: 10/9/2018 4:37:36 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64429

Last save: 10/9/2018 4:37:34 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	0.458	3.14	4.47	111.269	6.72	0.
2	8.68	0.234	7.57	10.77	119.187	7.20	0.
3	10.37	0.270	15.19	21.61	277.707	16.77	0.
4	13.30	0.353	7.73	10.99	173.342	10.47	0.
5	15.09	0.316	11.71	16.67	249.952	15.09	0.
6	21.00	0.430	7.80	11.09	248.580	15.01	0.
7	24.26	0.418	17.06	24.28	474.293	28.63	0.
7	27.00	0.354	70.20	99.88	1654.330	99.88	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:08:26 AM
Printed by: wet

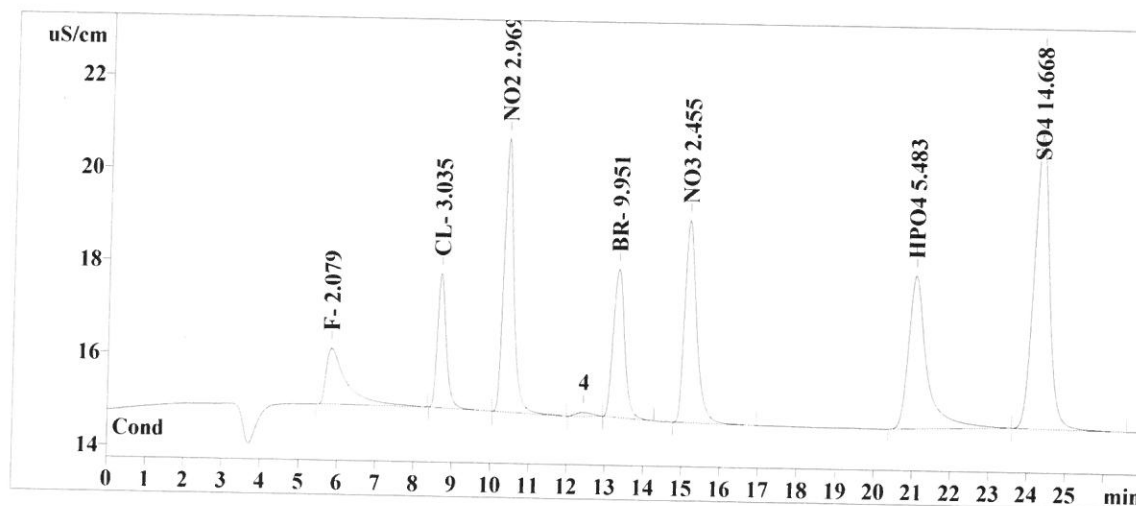
Ident: ICV
Analysis from: 10/9/2018 4:40:54 PM
File: _2018-10-09_

Last save: 10/9/2018 5:07:42 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64430

Last save: 10/9/2018 4:37:34 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	5.82	0.464	1.20	4.42	43.883	6.77	0.
2	8.66	0.241	2.88	10.58	46.456	7.17	0.
3	10.37	0.264	5.89	21.65	105.879	16.33	0.
4	13.30	0.324	3.18	11.70	66.570	10.27	0.
5	15.14	0.323	4.35	15.98	94.517	14.58	0.
6	21.04	0.447	3.29	12.08	111.370	17.18	0.
7	24.29	0.420	6.33	23.26	177.141	27.33	0.
7	27.00	0.355	27.12	99.69	645.815	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/10/2018 11:08:43 AM
Printed by: wet

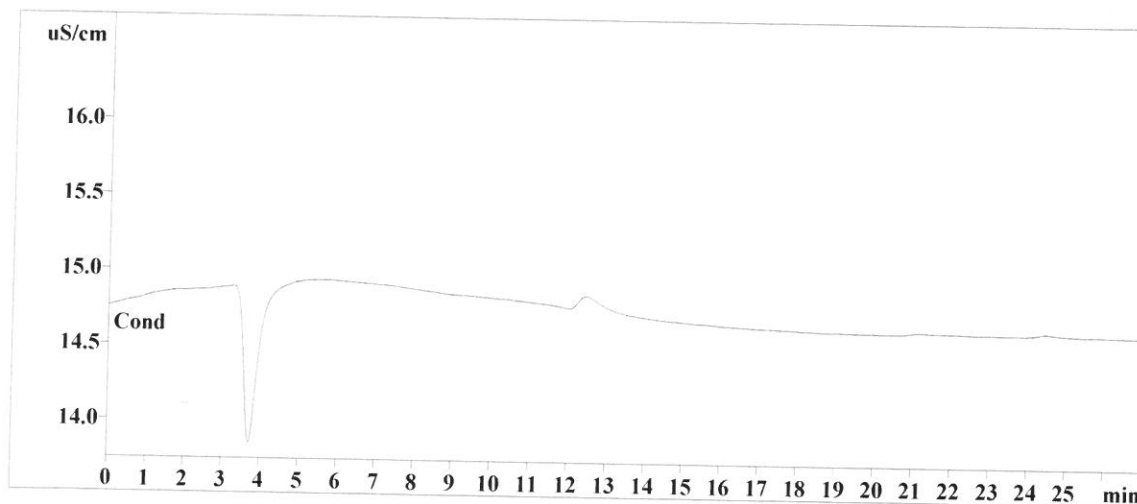
Ident: ICB
Analysis from: 10/9/2018 5:10:48 PM
File: _2018-10-09_

Last save: 10/10/2018 11:08:42 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64431

Last save: 10/9/2018 4:37:34 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: 10/15/2018 12:21:21 PM
Printed by: wet

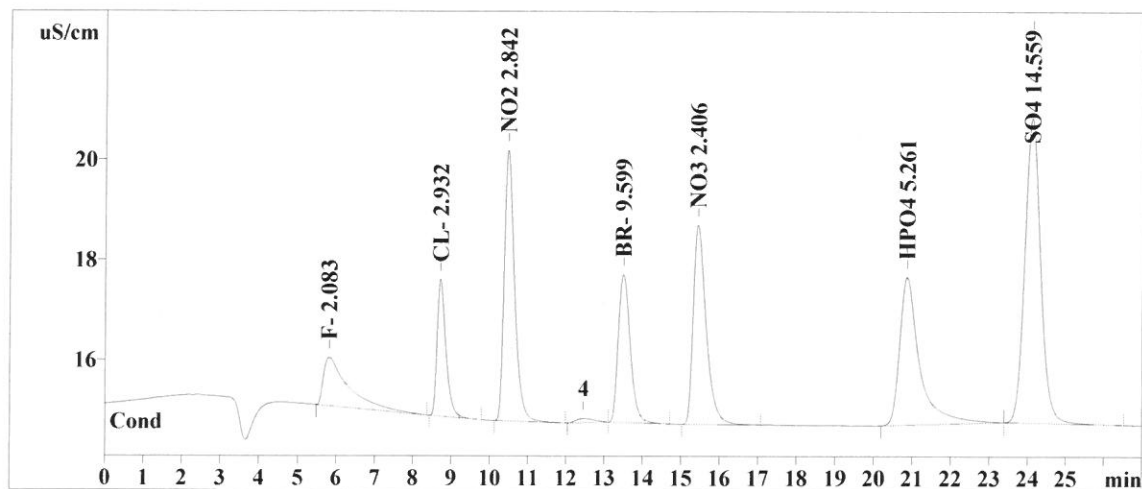
Ident: CCV
Analysis from: 10/11/2018 7:53:11 AM
File: _2018-10-11_

Last save: 10/11/2018 8:20:00 AM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64457

Last save: 10/9/2018 4:37:34 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.593	0.97	3.84	43.972	6.96	0.
2	8.71	0.246	2.73	10.85	44.819	7.09	0.
3	10.47	0.277	5.41	21.50	101.160	16.01	0.
4	13.49	0.333	2.95	11.72	64.104	10.14	0.
5	15.43	0.345	3.98	15.82	92.519	14.64	0.
6	20.85	0.475	2.95	11.73	107.002	16.93	0.
7	24.09	0.434	6.09	24.20	175.754	27.81	0.
7	27.00	0.386	25.08	99.65	629.330	99.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:21:38 PM
Printed by: wet

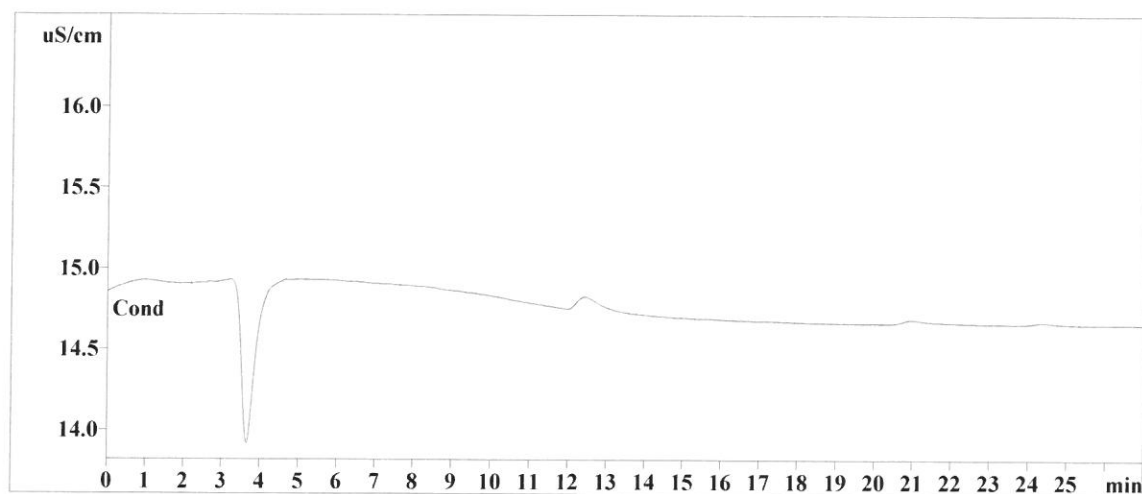
Ident: CCB
Analysis from: 10/11/2018 8:26:07 AM
File: _2018-10-11_

Last save: 10/15/2018 12:21:38 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64458

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:21:55 PM
Printed by: wet

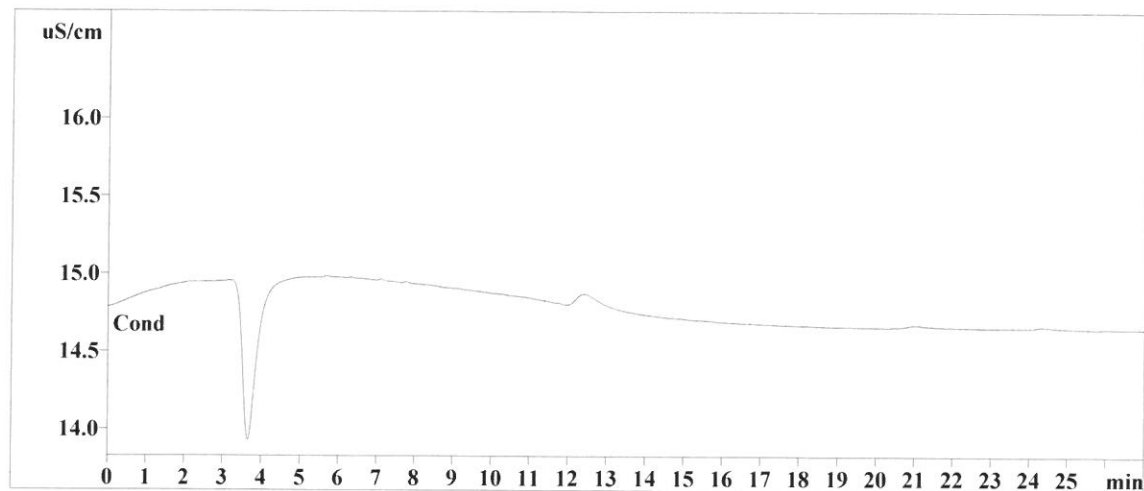
Ident: LB98608BLW
Analysis from: 10/11/2018 8:56:02 AM
File: _2018-10-11_

Last save: 10/15/2018 12:21:54 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64459

Last save: 10/9/2018 4:37:34 PM

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: 10/15/2018 12:25:09 PM
Printed by: wet

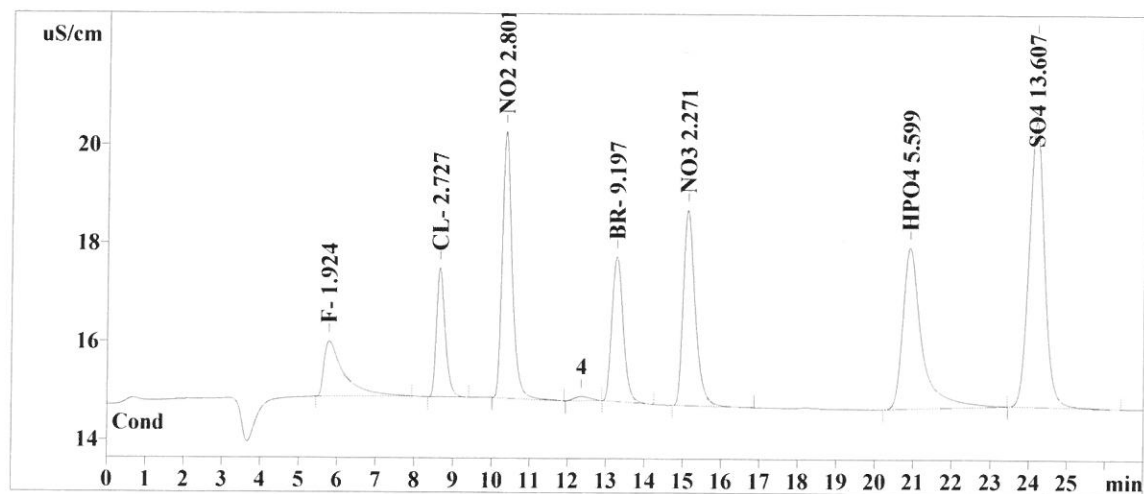
Ident: LB98608BSW
Analysis from: 10/11/2018 10:04:24 AM
File: _2018-10-11_

Last save: 10/15/2018 12:24:52 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64461

Last save: 10/9/2018 4:37:34 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	5.78	0.465	1.12	4.45	40.341	6.62	0.
2	8.63	0.239	2.62	10.38	41.548	6.81	0.
3	10.34	0.271	5.43	21.49	99.599	16.34	0.
4	13.26	0.323	2.94	11.65	61.283	10.05	0.
5	15.10	0.328	3.97	15.74	87.102	14.29	0.
6	20.89	0.456	3.28	12.98	113.651	18.64	0.
7	24.16	0.425	5.80	22.97	163.627	26.84	0.
7	27.00	0.358	25.17	99.66	607.150	99.58	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:42:57 PM
Printed by: wet

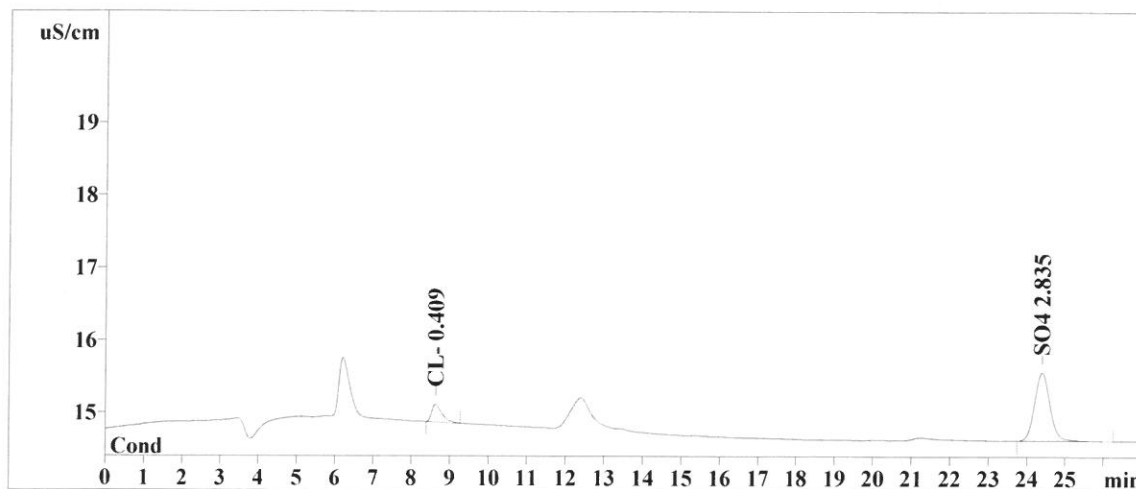
Ident: J5429-02
Analysis from: 10/11/2018 11:06:18 AM
File: _2018-10-11_

Last save: 10/15/2018 12:42:58 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64463

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.62	0.286	0.24	20.53	4.602	14.83	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	24.38	0.418	0.94	79.42	26.422	85.17	0.
7	27.00	0.101	1.19	99.95	31.025	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:38:53 PM
Printed by: wet

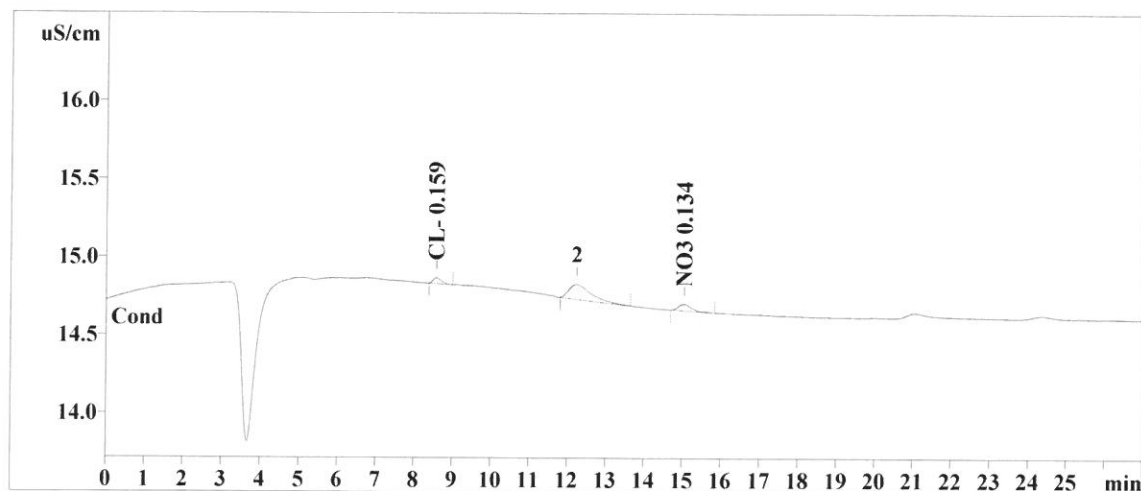
Ident: J5401-01
Analysis from: 10/11/2018 11:36:14 AM
File: _2018-10-11_

Last save: 10/15/2018 12:38:54 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64464

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 21
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	8.58	0.237	0.04	21.73	0.609	10.93	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	15.04	0.349	0.04	24.17	1.025	18.39	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	0.084	0.08	45.90	1.635	29.32	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:44:02 PM
Printed by: wet

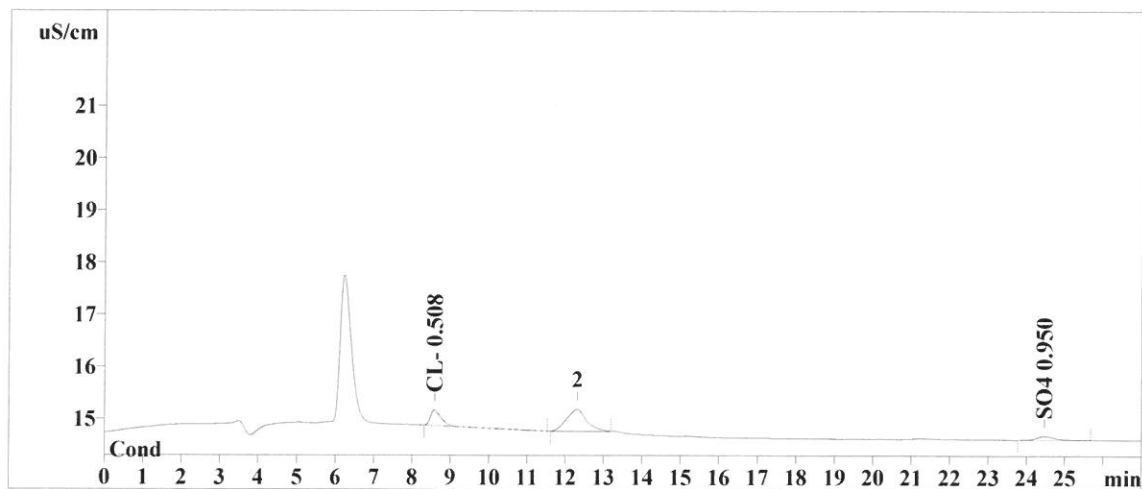
Ident: J5429-03
Analysis from: 10/11/2018 12:06:09 PM
File: _2018-10-11_

Last save: 10/15/2018 12:44:00 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64465

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 22
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	8.58	0.303	0.30	37.31	6.176	25.91	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	0.456	0.07	9.34	2.410	10.11	0.
7	27.00	0.108	0.37	46.65	8.586	36.02	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:44:36 PM
Printed by: wet

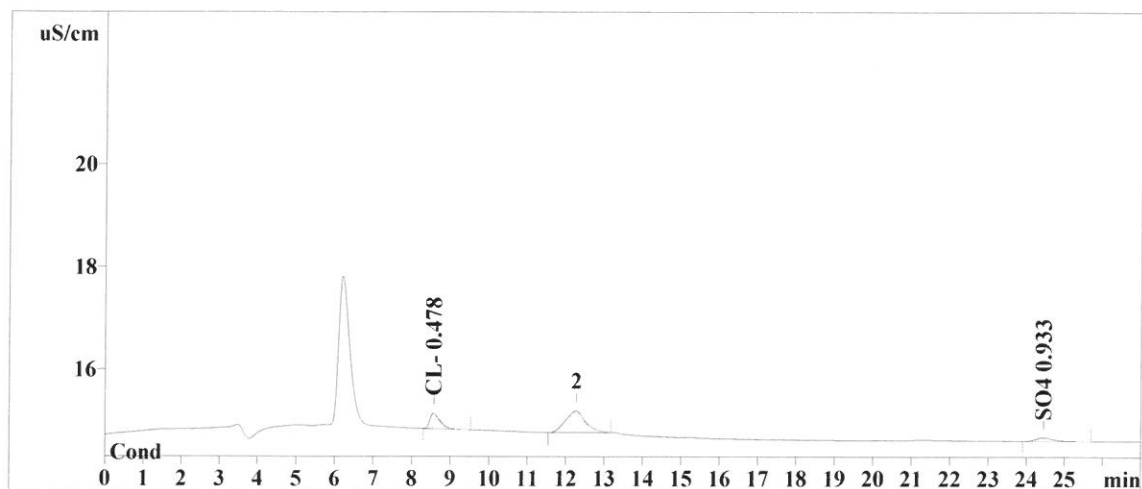
Ident: J5429-03DUP
Analysis from: 10/11/2018 12:36:04 PM
File: _2018-10-11_

Last save: 10/15/2018 12:44:36 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64466

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 23
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	8.56	0.288	0.30	37.70	5.706	24.45	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	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	0.446	0.07	8.76	2.194	9.40	0.
7	27.00	0.105	0.37	46.46	7.900	33.85	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:45:13 PM
Printed by: wet

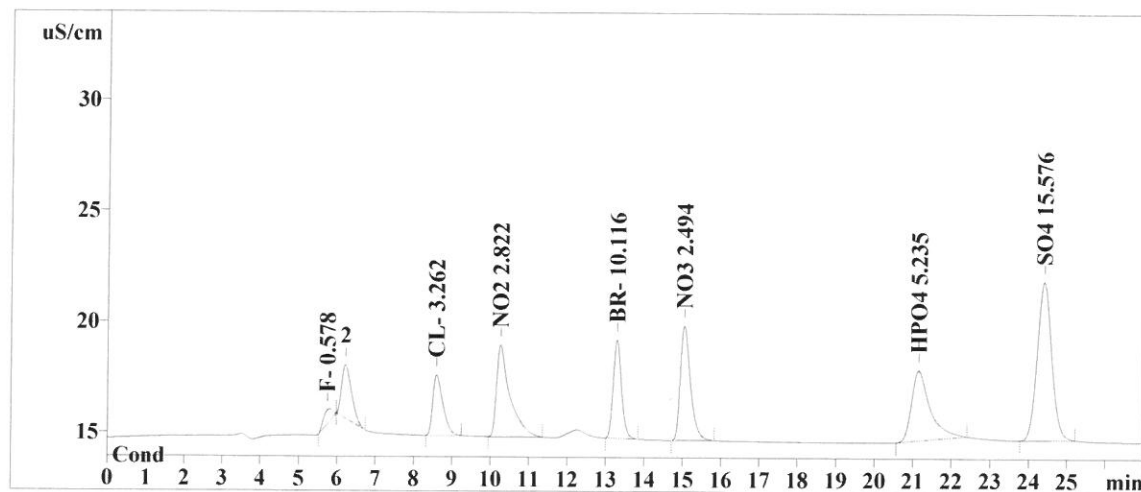
Ident: J5429-04MS
Analysis from: 10/11/2018 1:05:58 PM
File: _2018-10-11_

Last save: 10/15/2018 12:41:34 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64467

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 24
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	0.267	0.62	2.06	9.594	1.45	0.
2	8.59	0.281	2.73	9.14	50.079	7.56	0.
3	10.26	0.321	4.14	13.89	100.381	15.16	0.
4	13.29	0.234	4.43	14.87	67.725	10.23	0.
5	15.04	0.280	5.16	17.32	96.069	14.51	0.
6	21.14	0.466	3.17	10.64	106.497	16.08	0.
7	24.39	0.404	7.15	23.98	188.712	28.50	0.
7	27.00	0.322	27.39	91.90	619.057	93.48	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:45:22 PM
Printed by: wet

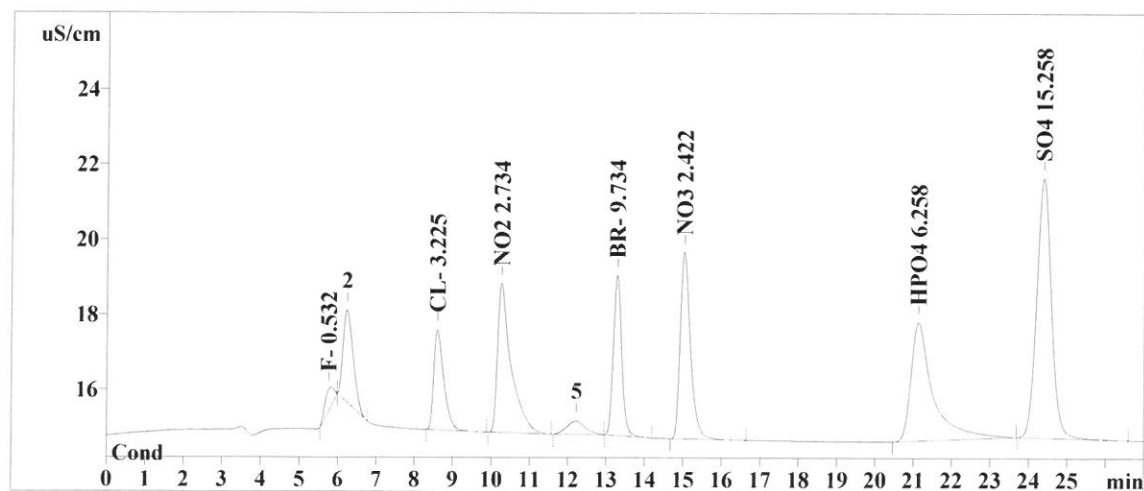
Ident: J5429-05MSD
Analysis from: 10/11/2018 1:35:54 PM
File: _2018-10-11_

Last save: 10/11/2018 2:02:44 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64468

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 25
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	0.263	0.56	1.90	8.534	1.25	0.
2	8.59	0.281	2.66	9.09	49.490	7.27	0.
3	10.26	0.323	3.98	13.58	97.114	14.27	0.
4	13.28	0.232	4.26	14.54	65.045	9.56	0.
5	15.02	0.279	4.97	16.96	93.167	13.69	0.
6	21.12	0.501	3.15	10.74	126.622	18.60	0.
7	24.37	0.403	6.91	23.61	184.654	27.13	0.
7	27.00	0.326	26.48	90.42	624.626	91.77	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:45:40 PM
Printed by: wet

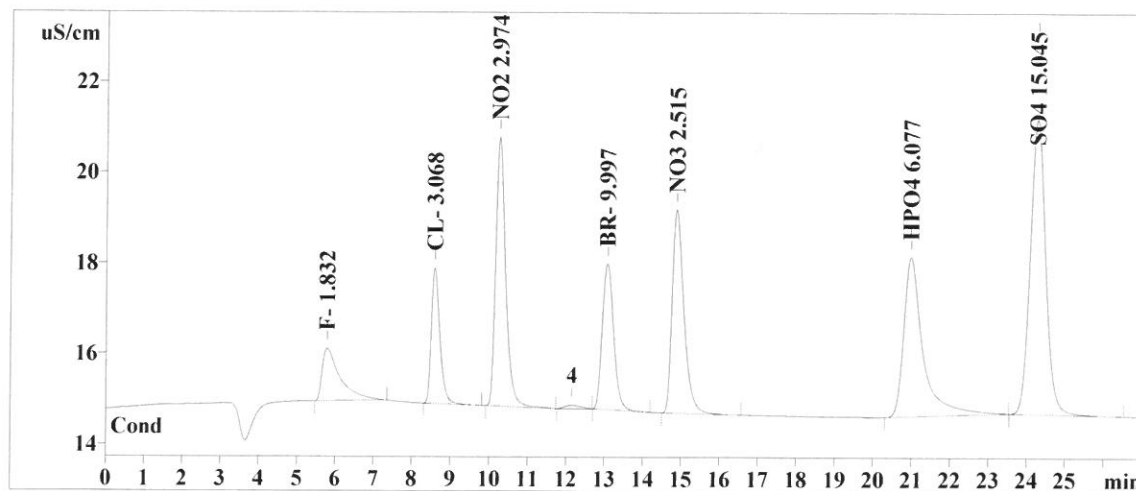
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Analysis from: 10/11/2018 2:05:49 PM
File: _2018-10-11_

Last save: 10/11/2018 2:32:38 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64469

Last save: 10/9/2018 4:37:34 PM

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	5.78	0.450	1.16	4.15	38.242	5.77	0.
2	8.58	0.237	2.98	10.71	46.988	7.09	0.
3	10.25	0.265	5.93	21.29	106.064	16.01	0.
4	13.06	0.323	3.21	11.53	66.889	10.10	0.
5	14.87	0.324	4.48	16.09	96.918	14.63	0.
6	20.97	0.458	3.51	12.61	123.063	18.58	0.
7	24.25	0.422	6.49	23.34	181.949	27.47	0.
7	27.00	0.354	27.75	99.73	660.113	99.67	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:46:02 PM
Printed by: wet

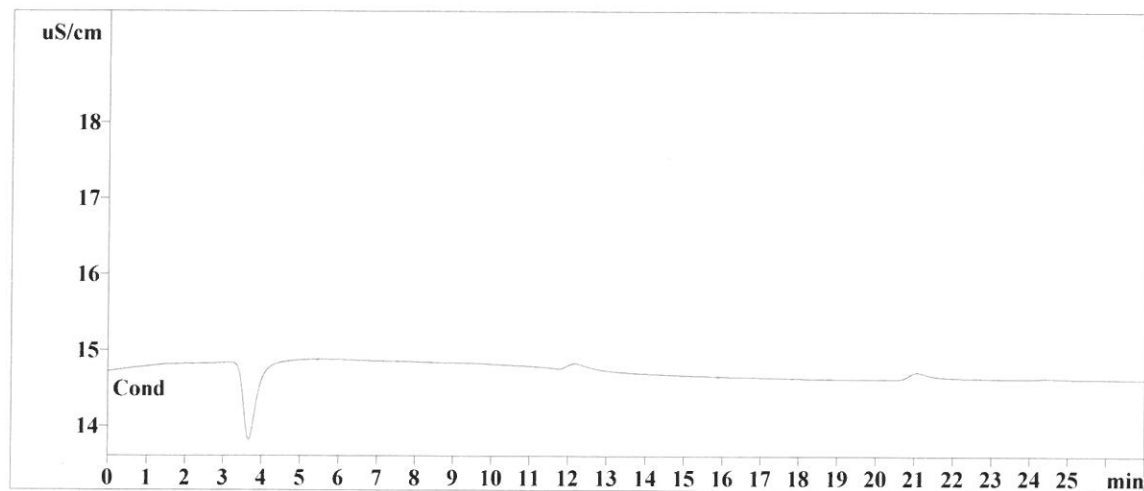
Ident: CCB
Analysis from: 10/11/2018 2:44:06 PM
File: _2018-10-11_

Last save: 10/15/2018 12:46:02 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64470

Last save: 10/9/2018 4:37:34 PM

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: 10/15/2018 12:47:05 PM
Printed by: wet

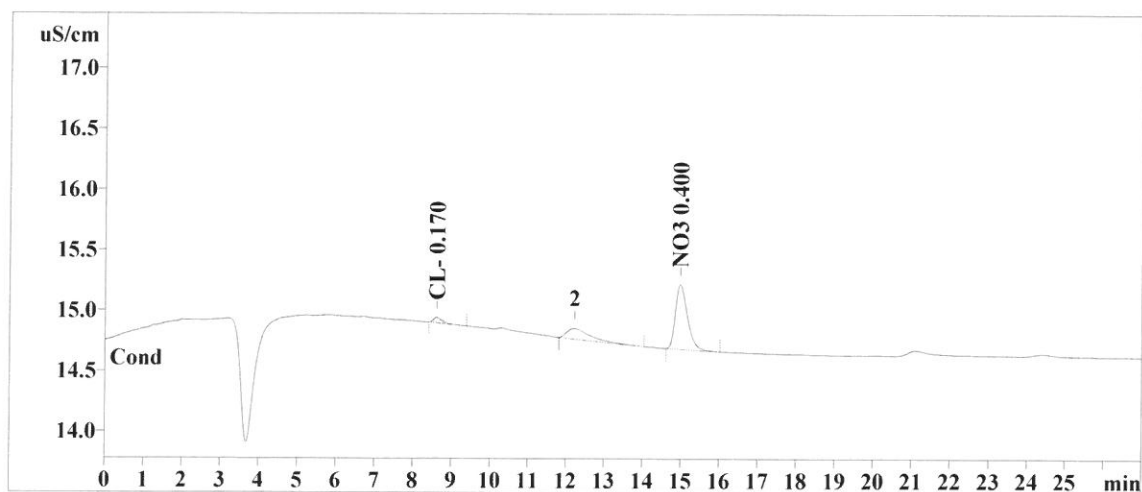
Ident: J5452-01
Analysis from: 10/11/2018 3:14:01 PM
File: _2018-10-11_

Last save: 10/15/2018 12:47:06 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64471

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 26
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	8.61	0.258	0.05	6.84	0.789	4.84	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	14.98	0.333	0.53	79.71	11.713	71.83	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	0.084	0.58	86.55	12.502	76.66	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:49:10 PM
Printed by: wet

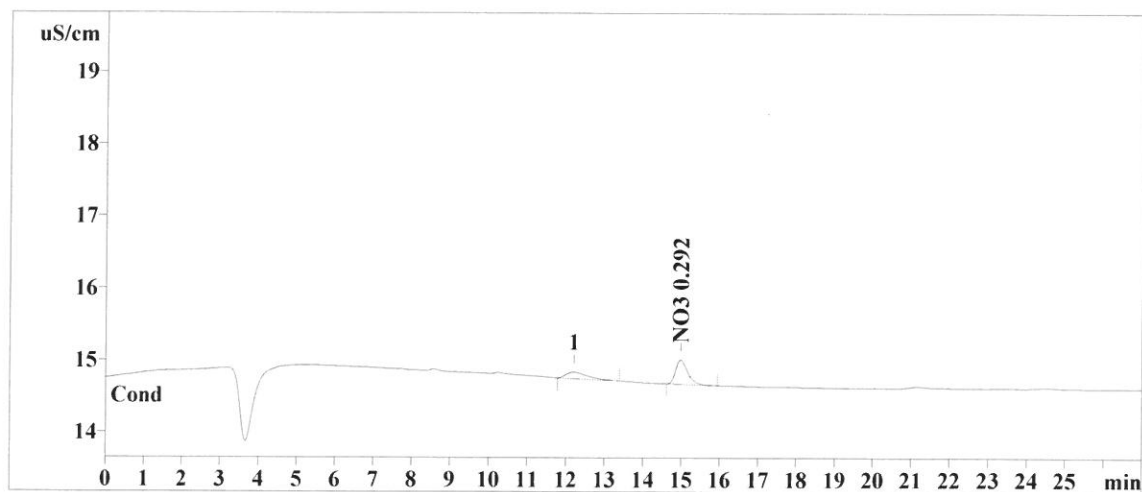
Ident: J5452-02
Analysis from: 10/11/2018 3:43:56 PM
File: _2018-10-11_

Last save: 10/15/2018 12:49:10 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64472

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 27
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	14.98	0.335	0.33	78.39	7.387	67.23	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	0.048	0.33	78.39	7.387	67.23	0.

This report has been created by IC Net
METROHM LTD

Report date: 10/15/2018 12:49:31 PM
 Printed by: wet

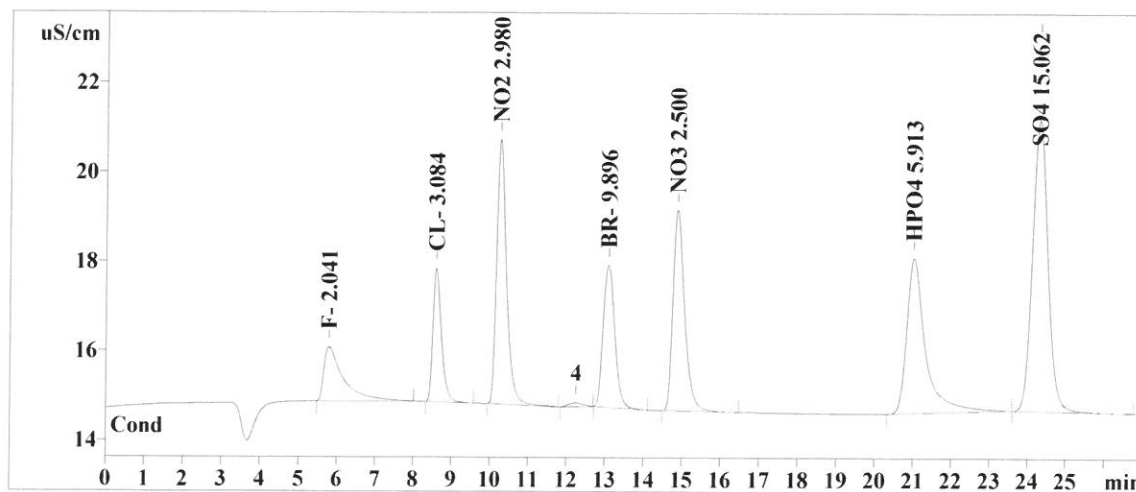
Ident: CCV
 Analysis from: 10/11/2018 4:13:51 PM
 File: _2018-10-11_

Last save: 10/11/2018 4:40:40 PM

Method: ANIONS 10-09-18.mtw
 Run operator: wet
 Analysis number: 64473

Last save: 10/9/2018 4:37:34 PM

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	5.79	0.465	1.21	4.34	43.015	6.48	0.
2	8.59	0.238	2.98	10.70	47.249	7.12	0.
3	10.26	0.265	5.92	21.28	106.291	16.02	0.
4	13.08	0.325	3.17	11.40	66.181	9.98	0.
5	14.87	0.321	4.49	16.12	96.327	14.52	0.
6	21.01	0.453	3.47	12.47	119.825	18.06	0.
7	24.29	0.421	6.51	23.39	182.164	27.46	0.
7	27.00	0.356	27.75	99.69	661.051	99.66	0.

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Report date: 10/15/2018 12:49:54 PM
Printed by: wet

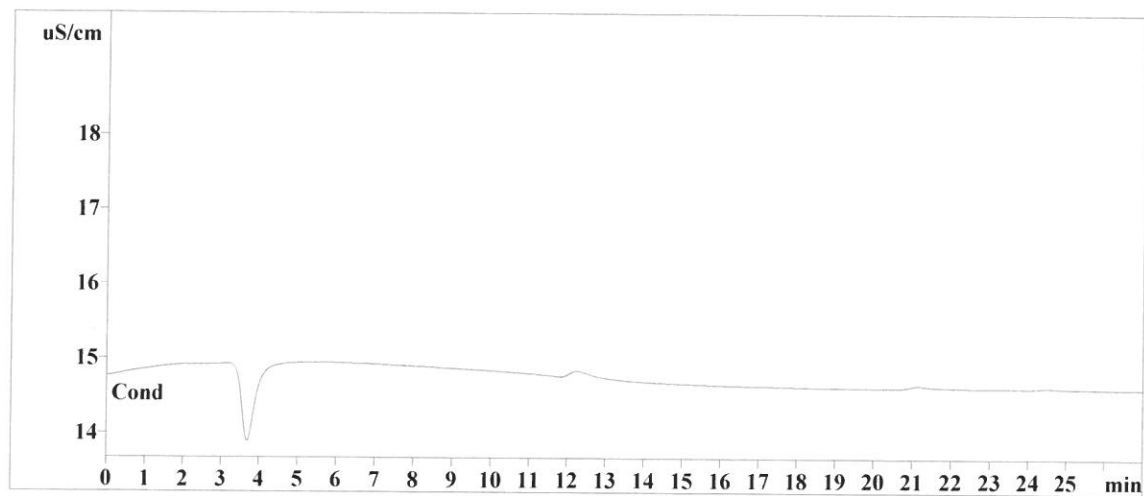
Ident: CCB
Analysis from: 10/11/2018 4:43:46 PM
File: _2018-10-11_

Last save: 10/15/2018 12:49:56 PM

Method: ANIONS 10-09-18.mtw
Run operator: wet
Analysis number: 64474

Last save: 10/9/2018 4:37:34 PM

SAMPLE:
: AK/AP
Vial number: 3
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

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