

IC-1 9056

7/10-18 AP

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	Sample Weight(g)	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-11_	6/11/18 10:31		AK/AP
STD2	0.2020	0.2150	0.2270	0.7220	0.1760	0.0310	1.2780	_2018-06-11_	6/11/18 11:01		AK/AP
STD3	0.3660	0.6030	0.6210	2.0150	0.4940	1.0630	3.1400	_2018-06-11_	6/11/18 11:31		AK/AP
STD4	0.7860	1.1940	1.1700	3.8780	0.9640	2.1840	5.8600	_2018-06-11_	6/11/18 12:01		AK/AP
STD5	1.8970	2.8840	2.8680	9.7480	2.4710	5.0370	14.0380	_2018-06-11_	6/11/18 12:31		AK/AP
STD6	4.0490	6.0540	6.0630	20.1360	5.0200	9.9350	30.4340	_2018-06-11_	6/11/18 13:01		AK/AP
STD7	5.0830	7.6860	7.7060	25.4150	6.3680	12.6690	37.9200	_2018-06-11_	6/11/18 13:31		AK/AP
ICV	2.1340	2.8660	2.8280	9.5020	2.4350	5.3050	15.4210	_2018-06-11_	6/11/18 15:04		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-11_	6/11/18 15:33		AK/AP
CCV	2.1150	2.9230	2.8900	9.6580	2.3820	4.9270	14.6340	_2018-07-06_	7/6/18 8:10		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-07-06_	7/6/18 8:43		AK/AP
LB9646BLS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-07-06_	7/6/18 9:13	5.00	AK/AP
LB9646BSS	2.1230	2.8900	2.8830	9.5460	2.3230	5.1220	14.1890	_2018-07-06_	7/6/18 9:43	5.01	AK/AP
J3879-01	0.0000	0.7290	0.0000	0.0000	0.0000	0.0000	23.1290	_2018-07-06_	7/6/18 10:14	5.01	AK/AP
J3879-01DUP	0.0000	0.6880	0.0000	0.0000	0.1460	0.0000	22.3140	_2018-07-06_	7/6/18 10:44	5.00	AK/AP
J3879-01MS	2.2750	3.7640	3.0630	10.2560	2.6590	5.5690	42.7040	_2018-07-06_	7/6/18 11:14	5.03	AK/AP
J3879-01MSD	2.2310	3.7920	3.1230	10.5990	2.6860	5.4560	43.1970	_2018-07-06_	7/6/18 11:44	5.02	AK/AP
J3879-03	0.0000	1.0730	0.0000	0.0000	0.1670	0.0000	35.1480	_2018-07-06_	7/6/18 12:14	5.02	AK/AP
J3879-05	0.0000	0.9410	0.0000	0.0000	0.1570	0.0000	27.9690	_2018-07-06_	7/6/18 12:44	5.00	AK/AP
J3879-07	0.0000	0.7780	0.0000	0.0000	0.1370	0.0000	12.9130	_2018-07-06_	7/6/18 13:13	5.03	AK/AP
J3879-09	0.0000	0.7010	0.0000	0.0000	0.1410	0.0000	27.0730	_2018-07-06_	7/6/18 13:43	5.00	AK/AP
CCV	2.0420	2.9480	2.9320	9.8630	2.4410	4.9330	14.4380	_2018-07-06_	7/6/18 14:13		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-07-06_	7/6/18 14:43		AK/AP
J3879-11	0.0000	0.3780	0.0000	0.0000	0.0000	0.0000	11.4220	_2018-07-06_	7/6/18 15:13	5.02	AK/AP
J3879-13	0.0000	1.3610	0.0000	0.0000	0.1660	0.0000	34.0110	_2018-07-06_	7/6/18 15:43	5.06	AK/AP
J3879-15	0.0000	1.4030	0.0000	0.0000	0.1640	0.0000	34.7810	_2018-07-06_	7/6/18 16:13	5.01	AK/AP
J3879-17	0.0000	1.3580	0.0000	0.0000	0.1670	0.0000	36.5080	_2018-07-06_	7/6/18 16:43	5.00	AK/AP
J3879-19	0.0000	2.5200	0.0000	0.0000	0.2570	0.0000	45.4390	_2018-07-06_	7/6/18 17:13	5.04	AK/AP
J3880-01	0.0000	1.1820	0.0000	0.0000	0.1570	0.0000	32.4630	_2018-07-06_	7/6/18 17:43	5.08	AK/AP
J3880-03	0.0000	1.3120	0.0000	0.0000	0.1730	0.0000	30.8610	_2018-07-06_	7/6/18 18:13	5.07	AK/AP
J3880-05	0.0000	0.4750	0.0000	0.0000	0.1480	0.0000	22.0470	_2018-07-06_	7/6/18 18:43	5.00	AK/AP
J3880-07	0.0000	0.5240	0.0000	0.0000	0.1490	0.0000	18.5980	_2018-07-06_	7/6/18 19:12	5.03	AK/AP
J3880-09	0.0000	0.4740	0.0000	0.0000	0.1410	0.0000	16.6910	_2018-07-06_	7/6/18 19:42	5.08	AK/AP
CCV	2.1400	2.9040	2.8480	9.5620	2.3870	5.1870	14.4400	_2018-07-06_	7/6/18 20:12		AK/AP

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2806 T-21

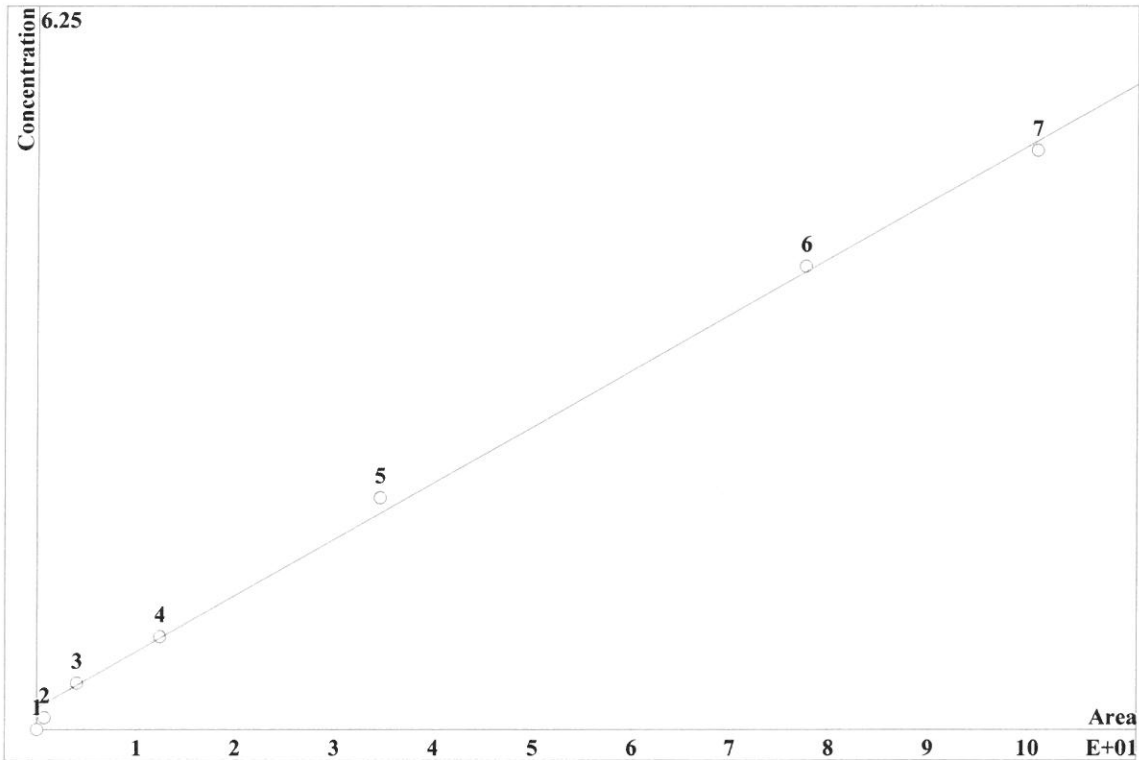
[illegible]

IC-1 Cal 6-11-2018

AK

CALIBRATION OF COMPONENT F-

Method: ANIONS 06-11-18.mtw
Equation: $Q = 0.96991 \cdot A + 3.75265$
RSD: 5.047 %
Correlation coefficient: 0.998960



K3 = 0 K2 = 0 K1 = 0.96991 K0 = 3.75265

Base: Area

Ref.channel: Cond

ISTD:

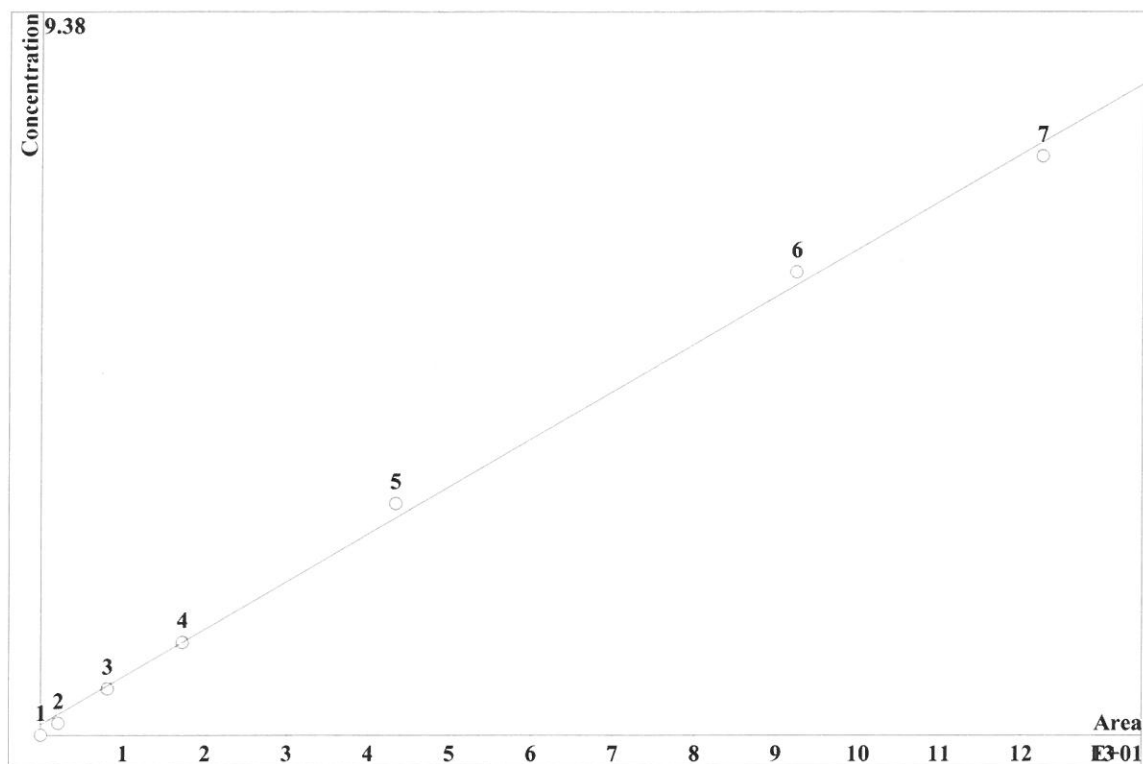
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.02191	0.7617	0.1	20	5.913			Yes
3	0.1211	4.025	0.4	20	5.913			Yes
4	0.2906	12.43	0.8	20	5.913			Yes
5	0.798	34.62	2	20	5.913			Yes
6	1.708	77.64	4	20	5.913			Yes
7	2.266	100.9	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.23247 \cdot A + 2.78813$
 RSD: 5.476 %
 Correlation coefficient: 0.998775



K3 = 0 K2 = 0 K1 = 1.23247 K0 = 2.78813

Base: Area

Ref.channel: Cond

ISTD:

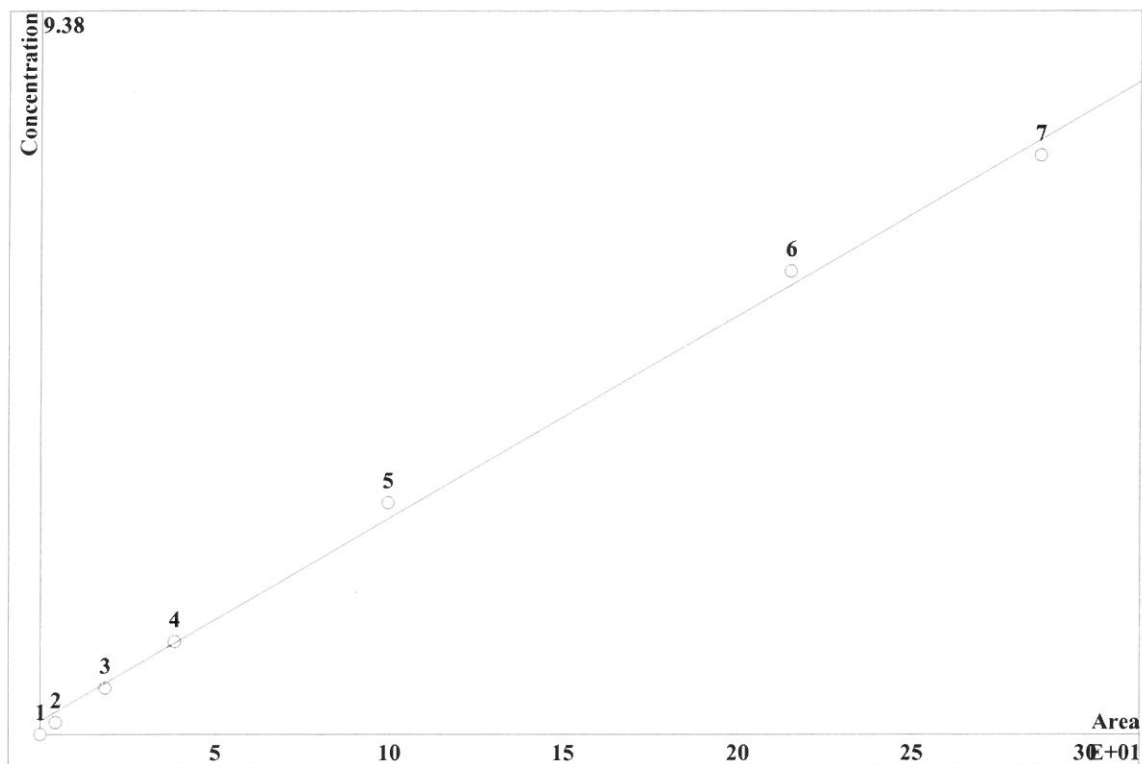
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1264	2.138	0.15	20	8.858	Yes		Yes
3	0.4978	8.144	0.6	20	8.858	Yes		Yes
4	1.043	17.27	1.2	20	8.858	Yes		Yes
5	2.688	43.4	3	20	8.858	Yes		Yes
6	5.683	92.4	6	20	8.858	Yes		Yes
7	7.465	122.5	7.5	20	8.858	Yes		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.525111 \cdot A + 3.49018$
 RSD: 6.162 %
 Correlation coefficient: 0.998449

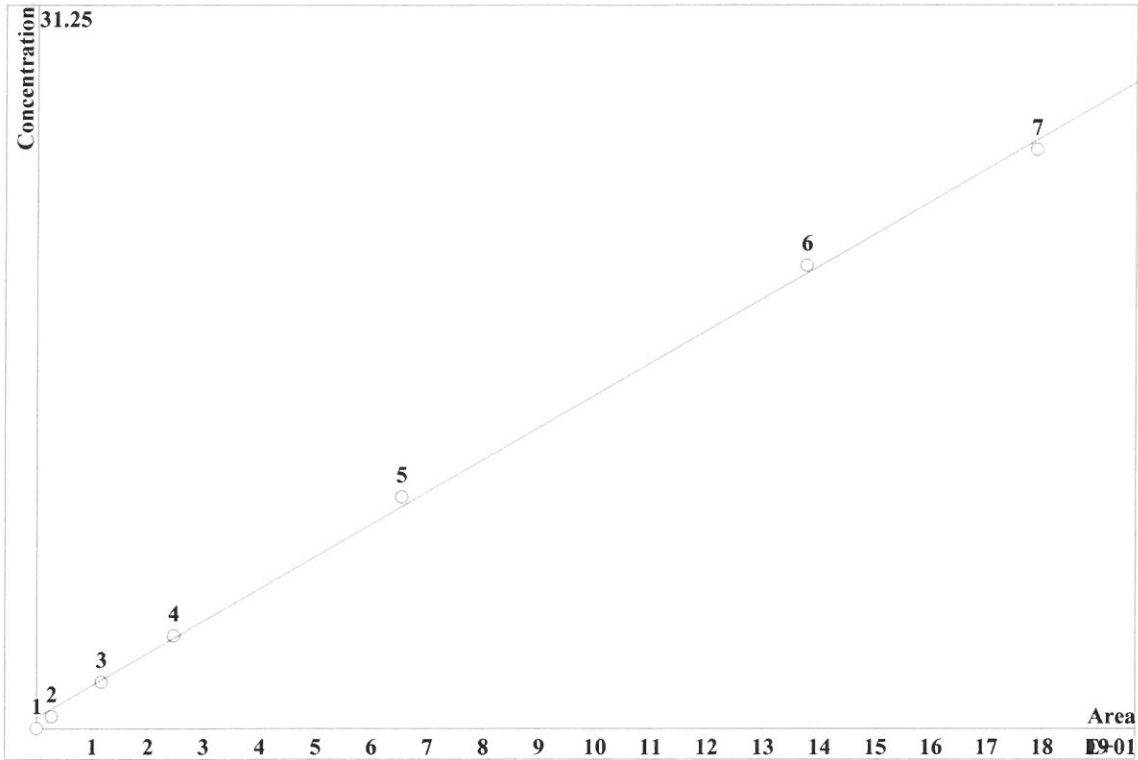


K3 = 0 K2 = 0 K1 = 0.525111 K0 = 3.49018
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.2394	4.404	0.15	20	10.65			Yes
3	0.9878	18.61	0.6	20	10.65			Yes
4	2.074	38.42	1.2	20	10.65			Yes
5	5.39	99.64	3	20	10.65			Yes
6	11.22	214.9	6	20	10.65			Yes
7	14.57	286.8	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 2.79052 \cdot A + 9.24087$
 RSD: 3.757 %
 Correlation coefficient: 0.999424

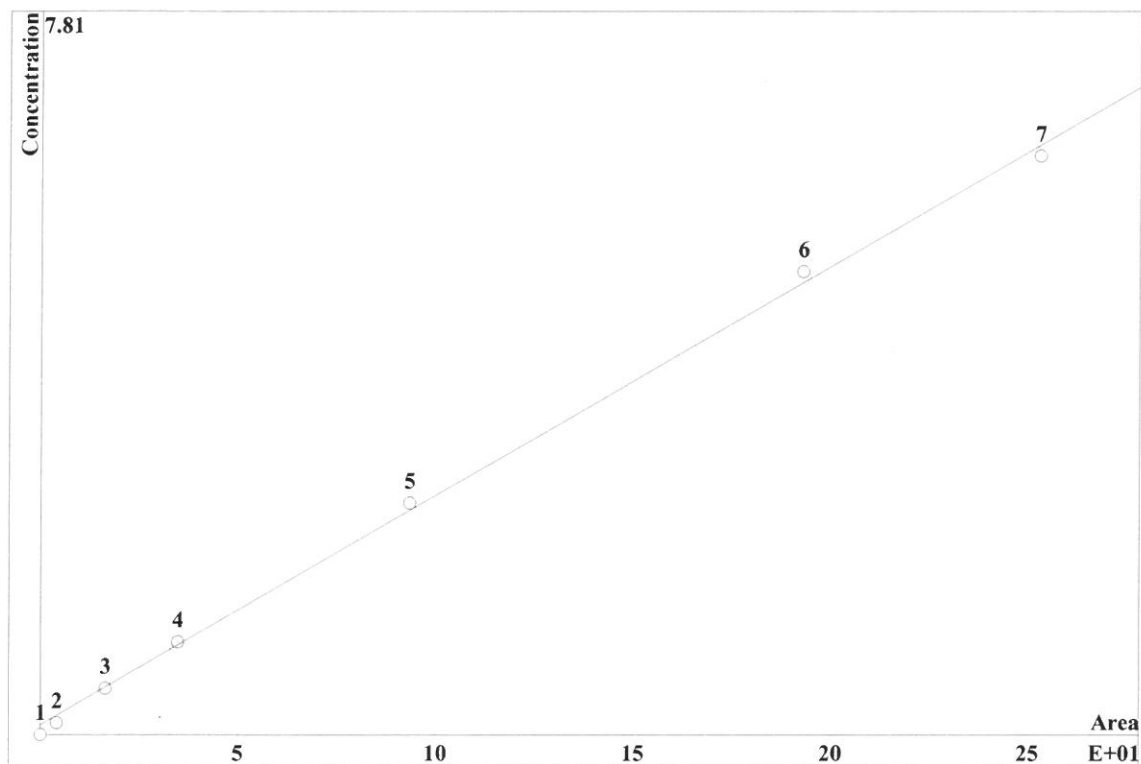


K3 = 0 K2 = 0 K1 = 2.79052 K0 = 9.24087
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1433	2.719	0.5	20	13.72			Yes
3	0.6082	11.7	2	20	13.72			Yes
4	1.29	24.64	4	20	13.72			Yes
5	3.353	65.42	10	20	13.72			Yes
6	6.956	137.6	20	20	13.72			Yes
7	8.929	178.8	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.494945 \cdot A + 2.1299$
 RSD: 3.983 %
 Correlation coefficient: 0.999352



K3 = 0 K2 = 0 K1 = 0.494945 K0 = 2.1299

Base: Area

Ref.channel: Cond

ISTD:

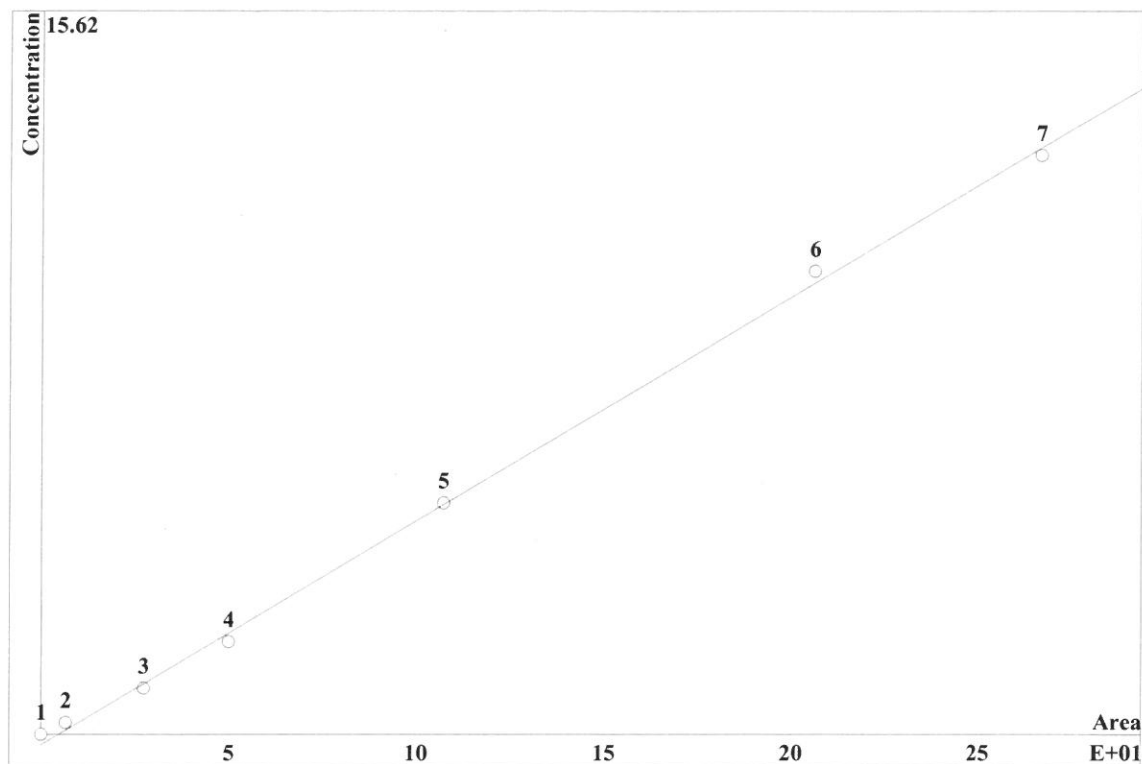
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.1843	4.199	0.125	20	15.65	Yes		Yes
3	0.7548	16.6	0.5	20	15.65	Yes		Yes
4	1.604	34.93	1	20	15.65	Yes		Yes
5	4.233	93.68	2.5	20	15.65	Yes		Yes
6	9.2	193	5	20	15.65	Yes		Yes
7	12.18	253	6.25	20	15.65	Yes		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 0.96711 \cdot A - 4.51826$
 RSD: 3.961 %
 Correlation coefficient: 0.999360



K3 = 0 K2 = 0 K1 = 0.96711 K0 = -4.51826

Base: Area

Ref.channel: Cond

ISTD:

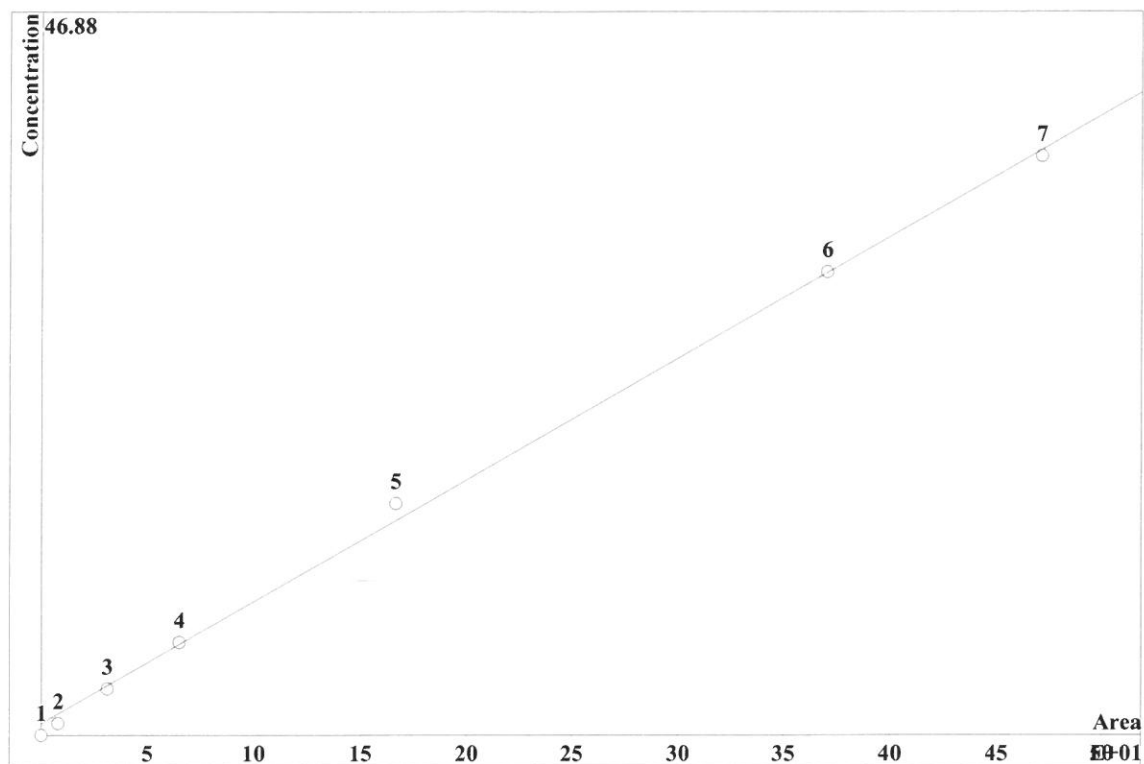
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.1633	6.472	0.25	20	21.48			Yes
3	0.6769	27.29	1	20	21.48			Yes
4	1.281	49.89	2	20	21.48			Yes
5	2.972	107.4	5	20	21.48			Yes
6	5.923	206.2	10	20	21.48			Yes
7	7.72	266.7	12.5	20	21.48			Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 06-11-18.mtw
 Equation: $Q = 1.57728 \cdot A + 15.0858$
 RSD: 4.461 %
 Correlation coefficient: 0.999188



K3 = 0 K2 = 0 K1 = 1.57728 K0 = 15.0858

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	0.2582	8.071	0.75	20	25.17			Yes
3	1.015	31.21	3	20	25.17			Yes
4	2.134	65	6	20	25.17			Yes
5	5.625	166.6	15	20	25.17			Yes
6	12.26	370.2	30	20	25.17			Yes
7	16.19	471.3	37.5	20	25.17			Yes

Report date: 6/12/2018 10:59:22 AM
Printed by: wet

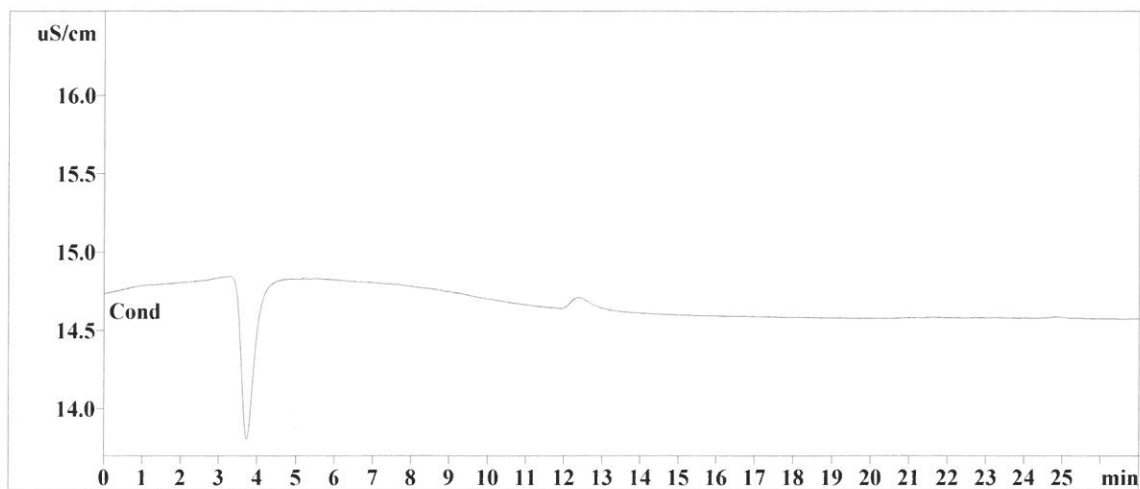
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Analysis from: 6/11/2018 10:31:49 AM
File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62553

Last save: 6/11/2018 9:33:02 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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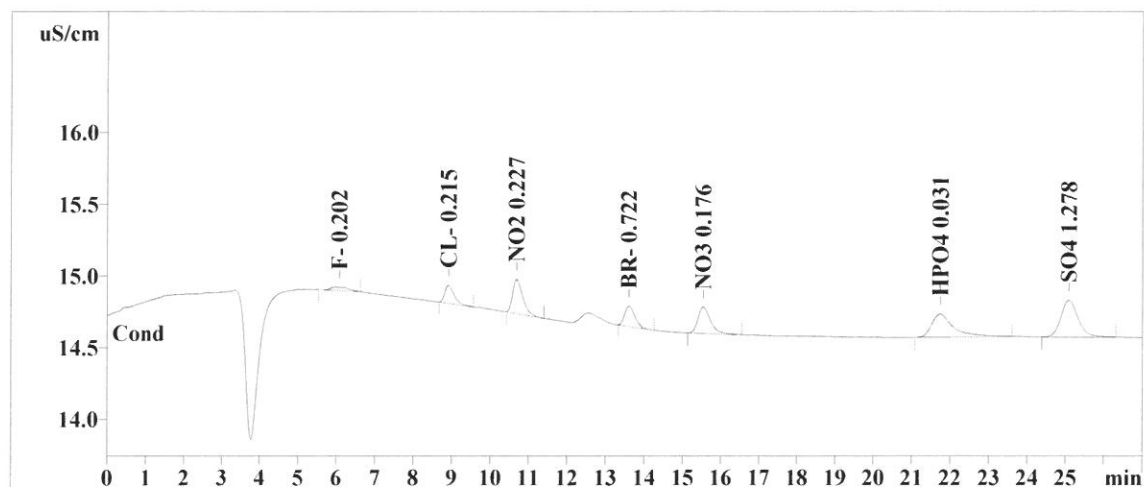
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Printed by: wet

Ident: STD2
Analysis from: 6/11/2018 11:01:44 AM
File: _2018-06-11_
Manual peaks!
Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62554

Last save: 6/11/2018 3:12:06 PM

Last save: 6/11/2018 9:33:02 AM

SAMPLE:
:
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	6.08	0.531	0.02	1.96	0.762	2.65	0.
2	8.91	0.252	0.13	11.06	2.138	7.43	0.
3	10.69	0.278	0.24	20.99	4.404	15.31	0.
4	13.61	0.294	0.14	12.58	2.719	9.45	0.
5	15.54	0.336	0.18	16.14	4.199	14.60	0.
6	21.74	0.537	0.16	14.24	6.472	22.50	0.
7	25.09	0.467	0.26	22.64	8.071	28.06	0.
7	27.00	0.385	1.13	99.62	28.765	100.00	0.

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Report date: 6/12/2018 10:59:46 AM
Printed by: wet

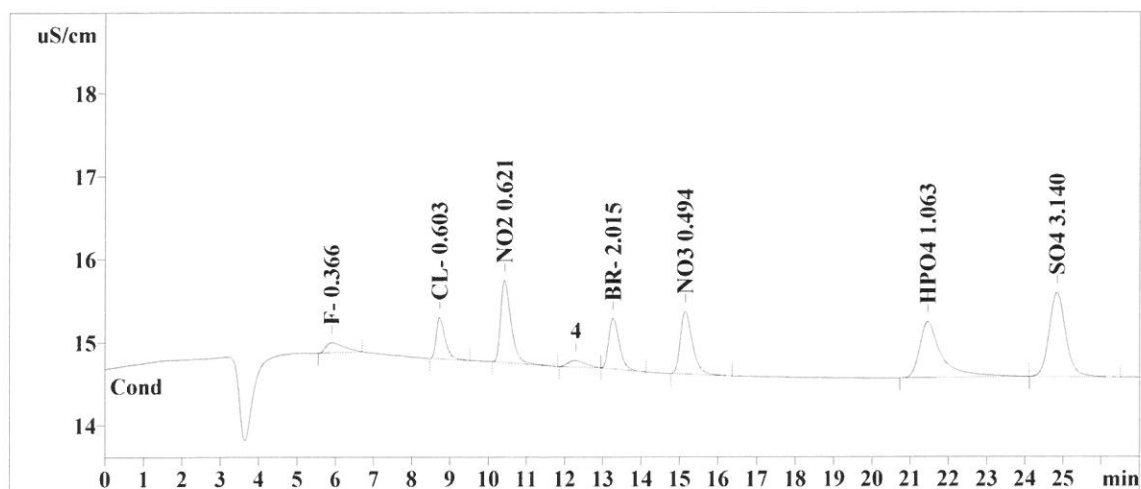
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Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62555

Last save: 6/11/2018 9:33:02 AM

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	5.90	0.535	0.12	2.54	4.025	3.35	0.
2	8.72	0.244	0.50	10.49	8.144	6.78	0.
3	10.42	0.275	0.99	20.84	18.613	15.50	0.
4	13.27	0.292	0.61	12.83	11.702	9.75	0.
5	15.15	0.327	0.75	15.91	16.597	13.82	0.
6	21.46	0.519	0.68	14.27	27.290	22.73	0.
7	24.83	0.459	1.01	21.38	31.205	25.99	0.
7	27.00	0.379	4.66	98.25	117.577	97.93	0.

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Report date: 6/12/2018 10:59:54 AM
 Printed by: wet

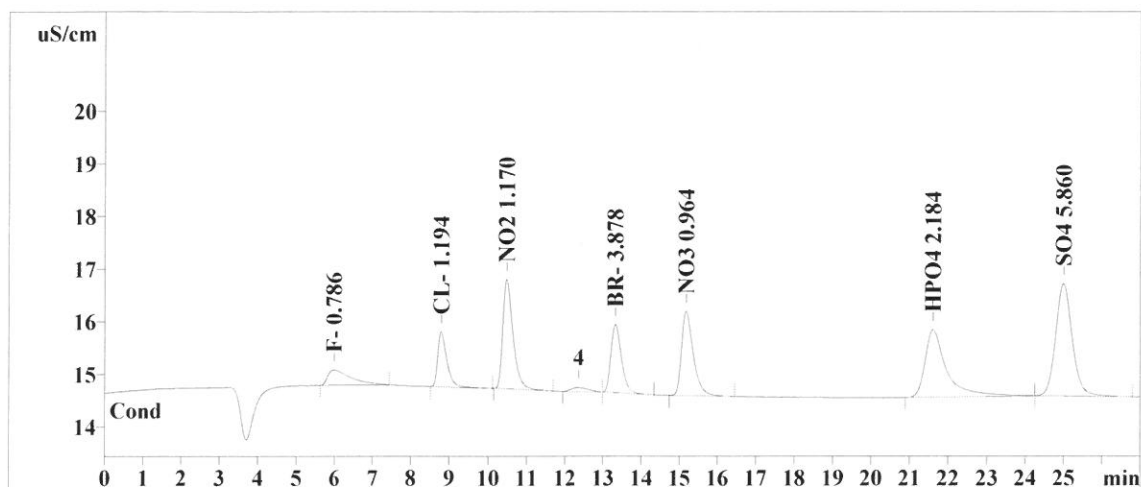
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 Analysis from: 6/11/2018 12:01:34 PM
 File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62556

Last save: 6/11/2018 9:33:02 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	5.99	0.624	0.29	2.96	12.425	5.07	0.
2	8.79	0.243	1.04	10.64	17.274	7.05	0.
3	10.48	0.272	2.07	21.17	38.417	15.68	0.
4	13.32	0.289	1.29	13.17	24.644	10.06	0.
5	15.18	0.323	1.60	16.36	34.927	14.25	0.
6	21.61	0.503	1.28	13.07	49.889	20.36	0.
7	24.99	0.454	2.13	21.79	64.995	26.52	0.
7	27.00	0.387	9.72	99.16	242.571	98.99	0.

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Report date: 6/12/2018 11:00:02 AM
Printed by: wet

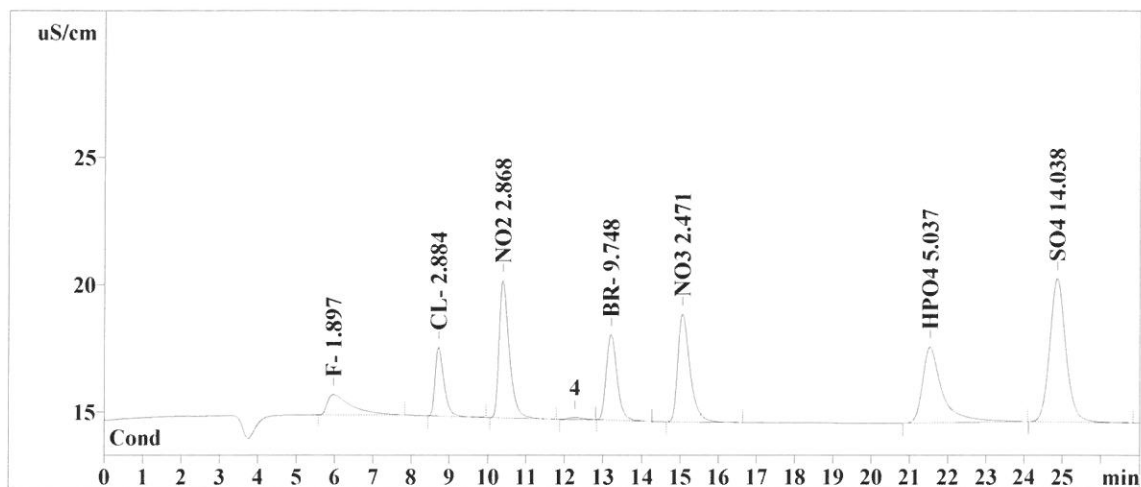
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Analysis from: 6/11/2018 12:31:29 PM
File: _2018-06-11_

Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62557

Last save: 6/11/2018 9:33:02 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	5.97	0.611	0.80	3.17	34.621	5.65	0.
2	8.71	0.239	2.69	10.69	43.404	7.08	0.
3	10.39	0.272	5.39	21.44	99.643	16.25	0.
4	13.20	0.295	3.35	13.33	65.419	10.67	0.
5	15.06	0.327	4.23	16.84	93.684	15.28	0.
6	21.53	0.472	2.97	11.82	107.418	17.52	0.
7	24.86	0.443	5.62	22.38	166.568	27.17	0.
7	27.00	0.380	25.05	99.67	610.755	99.63	0.

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Report date: 6/12/2018 11:00:10 AM
 Printed by: wet

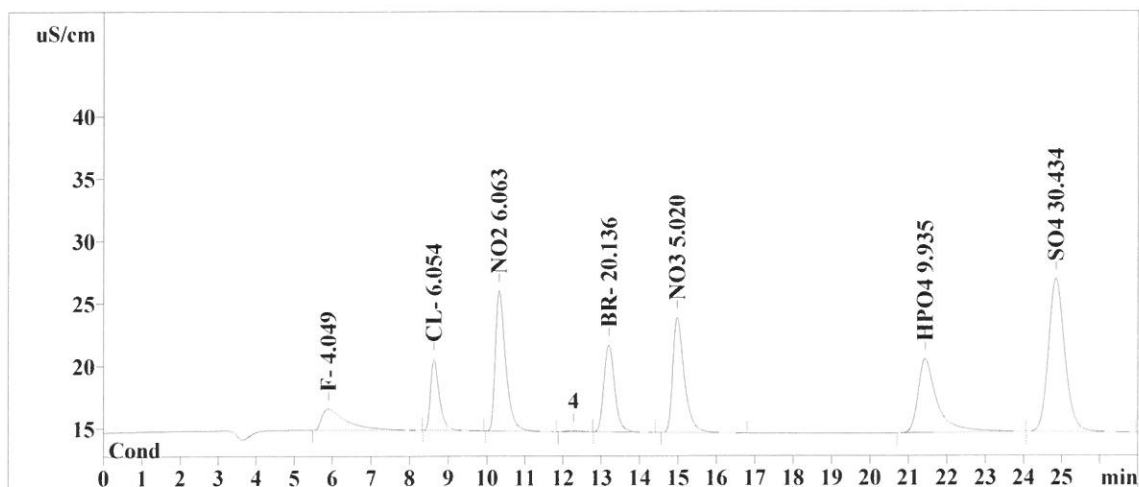
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Last save: 6/11/2018 3:12:06 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62558

Last save: 6/11/2018 9:33:02 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.89	0.619	1.71	3.22	77.640	6.00	0.
2	8.62	0.240	5.68	10.72	92.398	7.14	0.
3	10.32	0.283	11.22	21.16	214.906	16.61	0.
4	13.20	0.300	6.96	13.12	137.582	10.63	0.
5	14.97	0.307	9.20	17.35	193.026	14.92	0.
6	21.43	0.459	5.92	11.17	206.201	15.93	0.
7	24.85	0.453	12.26	23.12	370.238	28.61	0.
7	27.00	0.380	52.95	99.86	1291.990	99.84	0.

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Report date: 6/12/2018 11:00:19 AM
Printed by: wet

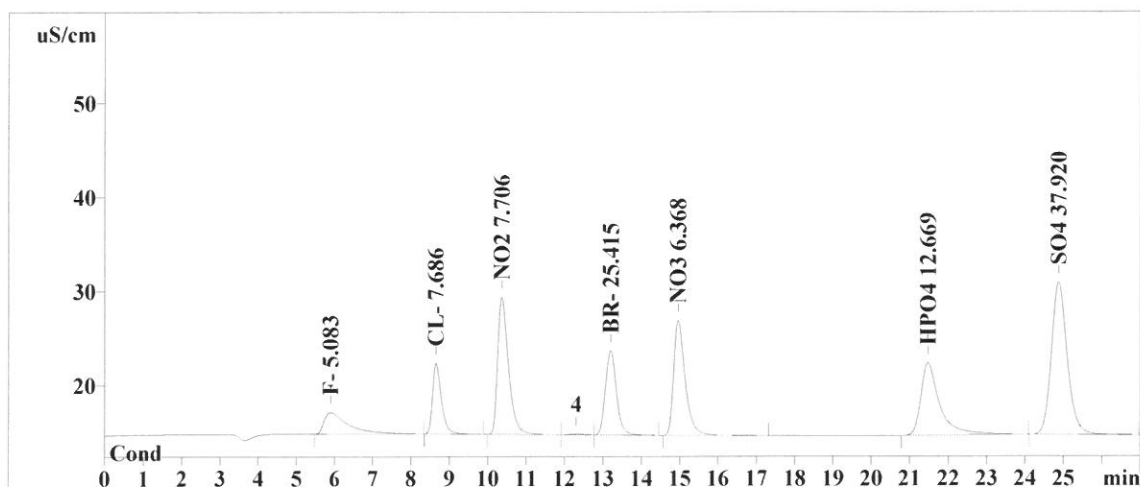
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Analysis from: 6/11/2018 1:31:19 PM
File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62559

Last save: 6/11/2018 3:12:22 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	5.90	0.612	2.27	3.26	100.945	6.00	0.
2	8.65	0.242	7.47	10.76	122.467	7.28	0.
3	10.36	0.292	14.57	20.99	286.847	17.06	0.
4	13.20	0.305	8.93	12.87	178.843	10.63	0.
5	14.96	0.304	12.18	17.55	253.029	15.04	0.
6	21.47	0.460	7.72	11.13	266.677	15.86	0.
7	24.87	0.436	16.19	23.33	471.268	28.02	0.
7	27.00	0.379	69.32	99.90	1680.077	99.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2018 11:00:38 AM
Printed by: wet

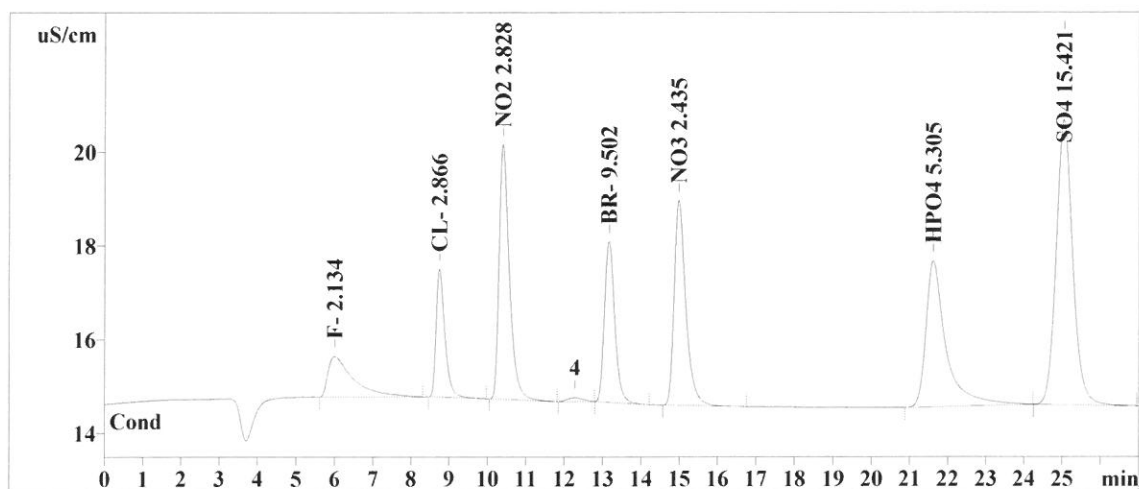
Ident: ICV
Analysis from: 6/11/2018 3:04:02 PM
File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62562

Last save: 6/11/2018 3:12:22 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	6.00	0.638	0.86	3.30	40.127	6.20	0.
2	8.74	0.240	2.73	10.45	44.246	6.84	0.
3	10.40	0.274	5.43	20.80	101.071	15.62	0.
4	13.16	0.286	3.43	13.15	64.790	10.01	0.
5	14.98	0.317	4.37	16.74	94.097	14.54	0.
6	21.62	0.476	3.12	11.93	114.385	17.68	0.
7	25.04	0.459	6.08	23.29	185.972	28.74	0.
7	27.00	0.384	26.03	99.67	644.688	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/12/2018 11:00:46 AM
Printed by: wet

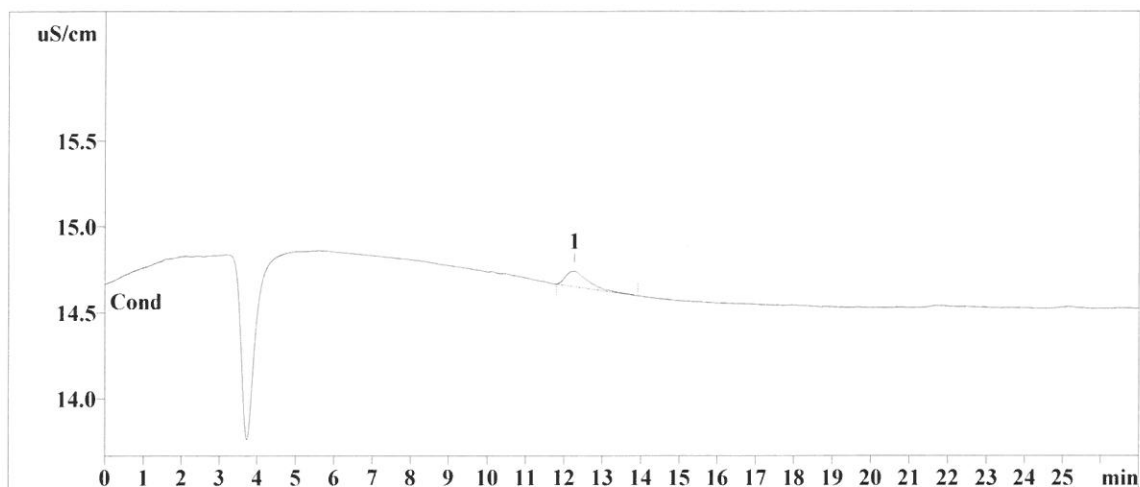
Ident: ICB
Analysis from: 6/11/2018 3:33:57 PM
File: _2018-06-11_

Last save: 6/11/2018 4:37:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62563

Last save: 6/11/2018 3:12:22 PM

SAMPLE:
: AK/AP
Vial number: 12
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	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: 7/9/2018 1:30:03 PM
Printed by: wet

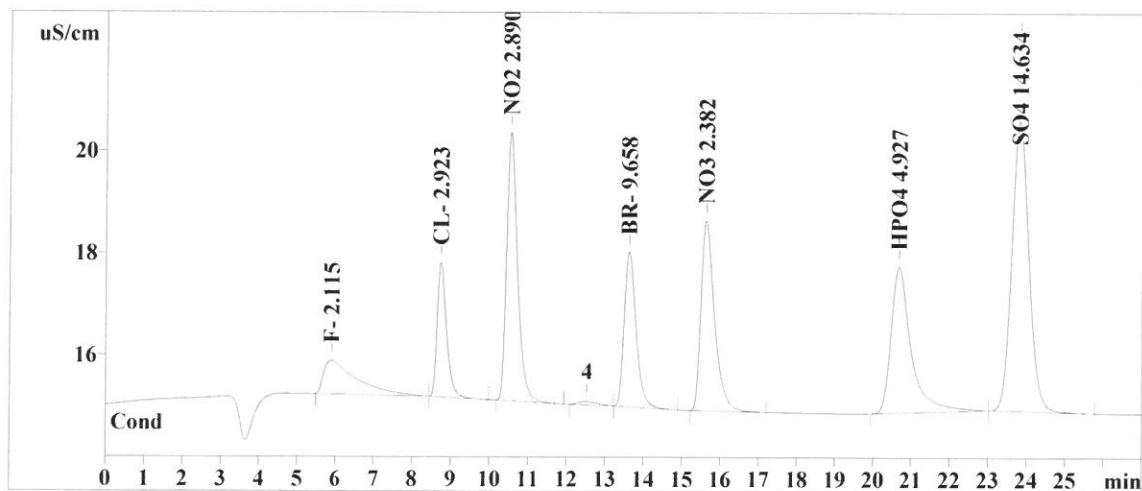
Ident: CCV
Analysis from: 7/6/2018 8:10:58 AM
File: _2018-07-06_

Last save: 7/6/2018 8:37:48 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63028

Last save: 6/15/2018 8:48:46 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	5.89	0.849	0.66	2.75	39.736	6.30	0.
2	8.74	0.255	2.64	11.02	45.167	7.16	0.
3	10.53	0.292	5.26	21.99	103.441	16.39	0.
4	13.62	0.328	3.03	12.67	65.910	10.44	0.
5	15.62	0.366	3.72	15.54	91.948	14.57	0.
6	20.67	0.507	2.86	11.96	106.569	16.88	0.
7	23.80	0.472	5.69	23.75	175.993	27.88	0.
7	27.00	0.438	23.87	99.69	628.763	99.61	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:30:11 PM
Printed by: wet

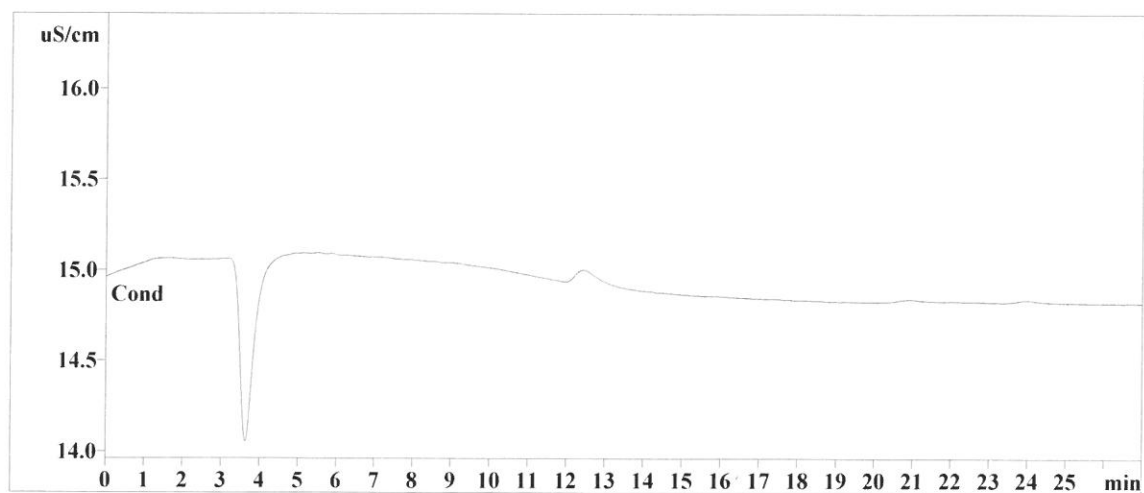
Ident: CCB
Analysis from: 7/6/2018 8:43:50 AM
File: _2018-07-06_

Last save: 7/6/2018 9:27:42 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63029

Last save: 6/15/2018 8:48:46 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: 7/9/2018 1:30:19 PM
Printed by: wet

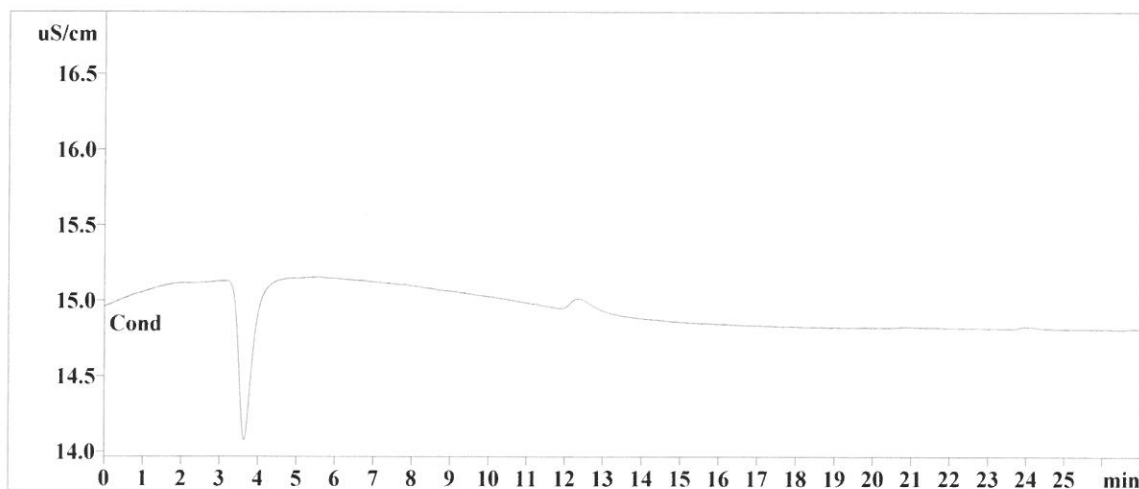
Ident: LB96464BLS
Analysis from: 7/6/2018 9:13:46 AM
File: _2018-07-06_

Last save: 7/6/2018 9:41:50 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63030

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
: 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: 7/9/2018 1:30:27 PM
Printed by: wet

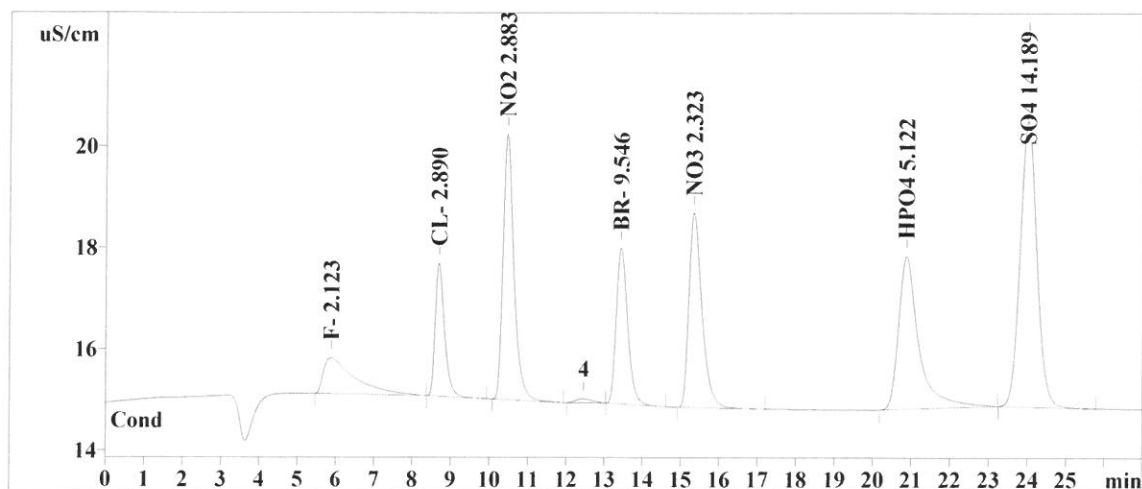
Ident: LB96464BSS
Analysis from: 7/6/2018 9:43:41 AM
File: _2018-07-06_

Last save: 7/6/2018 10:10:30 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63031

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.01g
: 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	5.88	0.778	0.71	2.93	39.910	6.38	0.
2	8.68	0.254	2.62	10.83	44.629	7.13	0.
3	10.44	0.291	5.23	21.63	103.161	16.49	0.
4	13.43	0.323	3.07	12.70	65.103	10.40	0.
5	15.33	0.347	3.83	15.85	89.553	14.31	0.
6	20.86	0.493	3.01	12.45	110.594	17.67	0.
7	24.00	0.462	5.63	23.29	170.354	27.22	0.
7	27.00	0.421	24.11	99.66	623.303	99.60	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:32:49 PM
Printed by: wet

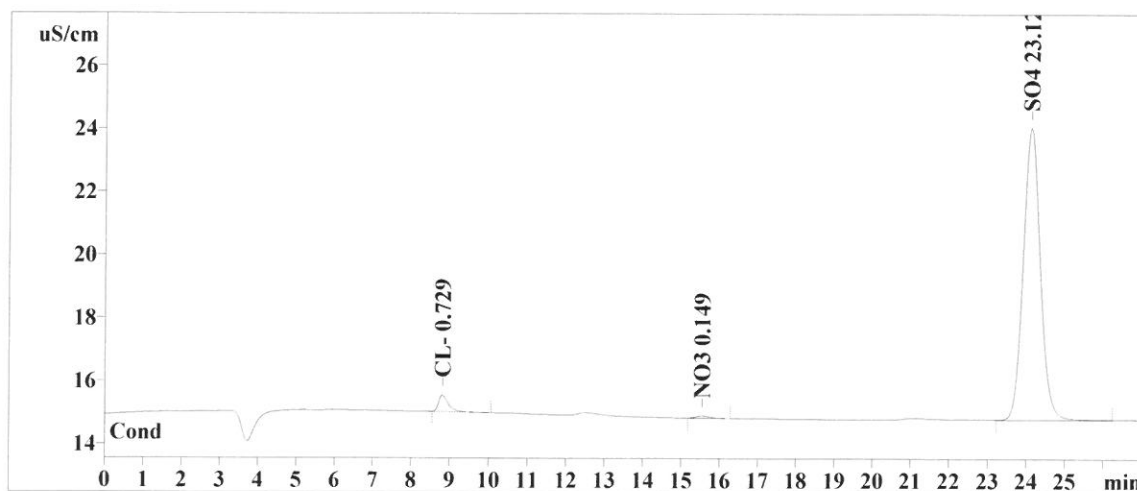
Ident: J3879-01
Analysis from: 7/6/2018 10:14:22 AM
File: _2018-07-06_

Last save: 7/9/2018 1:32:36 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63032

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.01g
: AK/AP
Vial number: 6
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.81	0.264	0.53	5.37	9.573	3.25	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	15.55	0.368	0.07	0.72	1.721	0.58	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.11	0.465	9.25	93.90	283.707	96.17	0.
7	27.00	0.157	9.85	99.99	295.000	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:33:25 PM
Printed by: wet

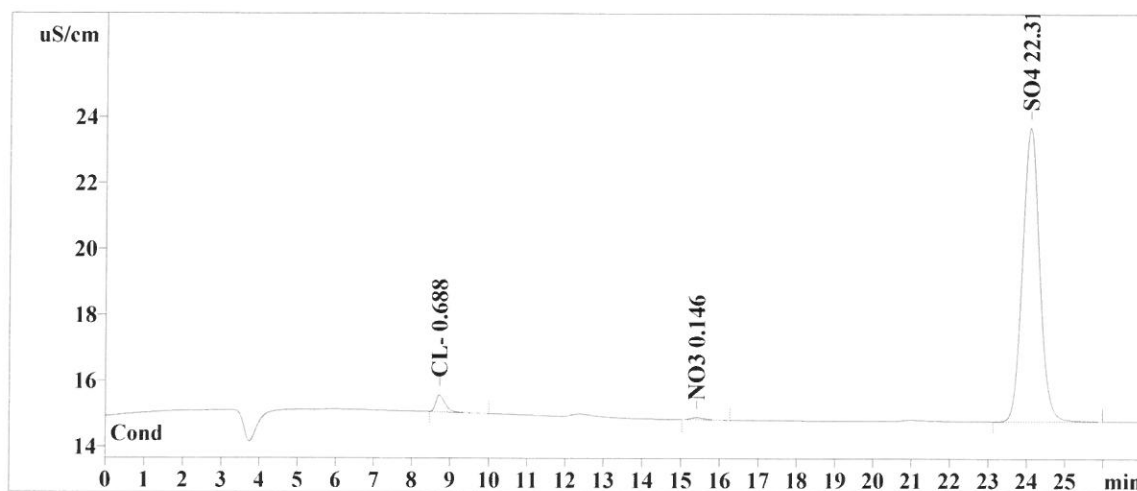
Ident: J3879-01DUP
Analysis from: 7/6/2018 10:44:17 AM
File: _2018-07-06_

Last save: 7/9/2018 1:33:24 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63033

Last save: 6/15/2018 8:48:46 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.72	0.257	0.52	5.44	8.906	3.14	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	15.40	0.371	0.07	0.69	1.606	0.57	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.07	0.466	8.90	93.86	273.371	96.30	0.
7	27.00	0.156	9.48	99.99	283.883	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:33:36 PM
Printed by: wet

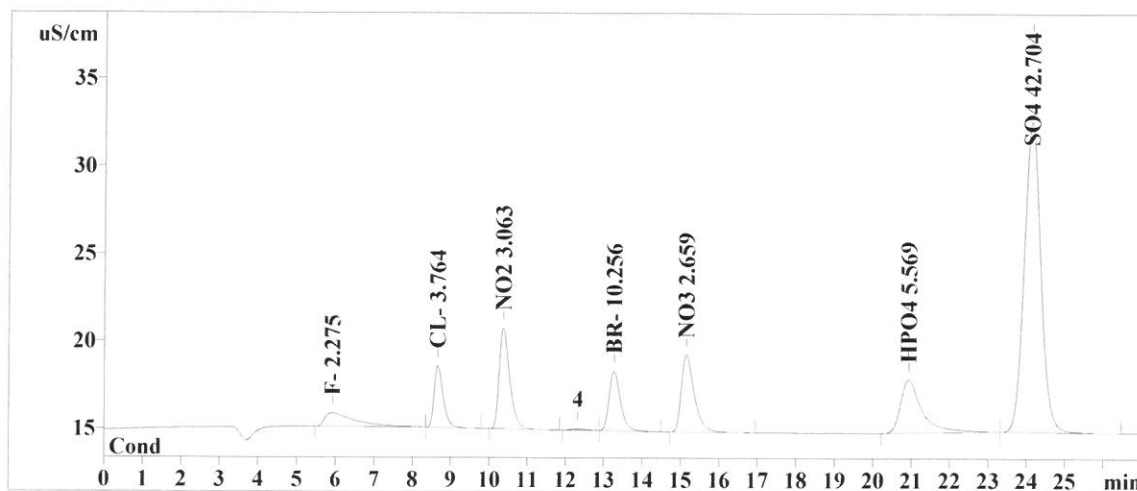
Ident: J3879-01MS
Analysis from: 7/6/2018 11:14:12 AM
File: _2018-07-06_

Last save: 7/6/2018 11:41:02 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63034

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.03g
: 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	5.91	0.770	0.78	2.02	43.052	4.14	0.
2	8.65	0.249	3.53	9.13	58.826	5.66	0.
3	10.36	0.284	5.75	14.88	110.033	10.59	0.
4	13.27	0.316	3.38	8.76	70.194	6.75	0.
5	15.15	0.349	4.38	11.33	103.157	9.93	0.
6	20.93	0.527	3.03	7.85	119.839	11.53	0.
7	24.12	0.456	17.70	45.83	531.918	51.19	0.
7	27.00	0.422	38.55	99.81	1037.019	99.80	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:33:46 PM
Printed by: wet

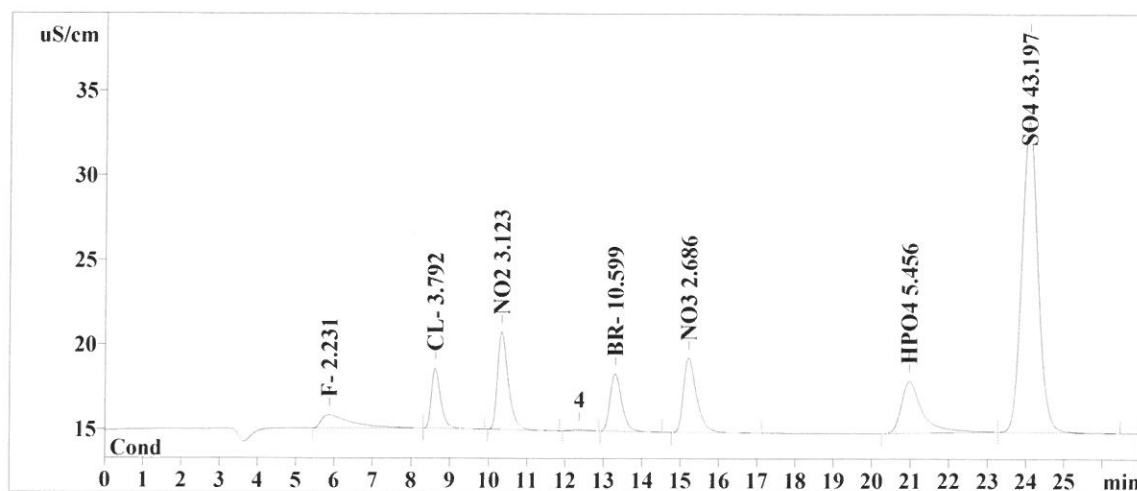
Ident: J3879-01MSD
Analysis from: 7/6/2018 11:44:07 AM
File: _2018-07-06_

Last save: 7/6/2018 12:10:56 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63035

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.02g
: 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	5.87	0.744	0.79	2.00	42.129	4.02	0.
2	8.61	0.249	3.53	8.99	59.279	5.65	0.
3	10.33	0.289	5.75	14.64	112.312	10.71	0.
4	13.30	0.326	3.39	8.62	72.653	6.93	0.
5	15.21	0.351	4.39	11.17	104.243	9.94	0.
6	20.96	0.509	3.07	7.81	117.497	11.21	0.
7	24.05	0.446	18.30	46.59	538.181	51.33	0.
7	27.00	0.416	39.20	99.81	1046.295	99.80	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:34:27 PM
Printed by: wet

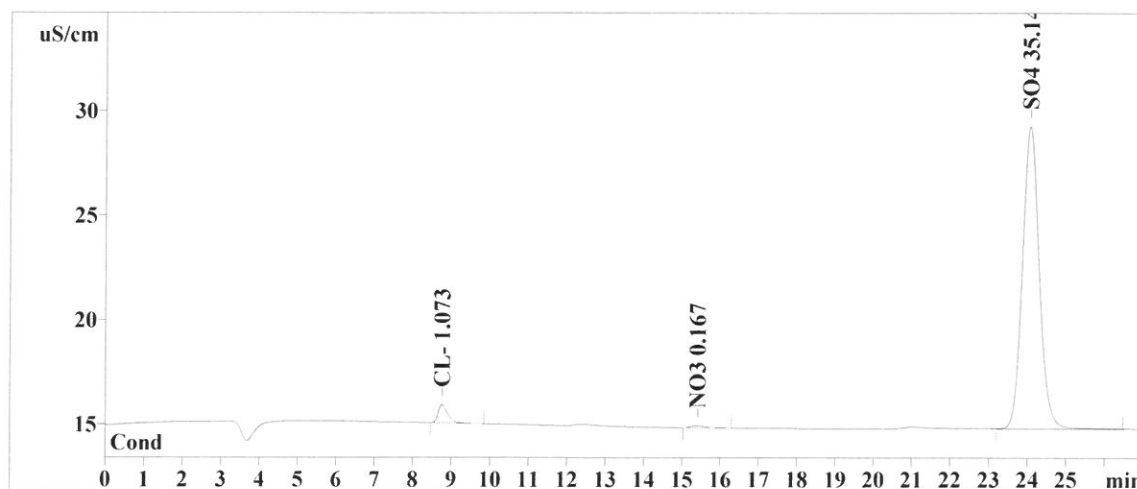
Ident: J3879-03
Analysis from: 7/6/2018 12:14:07 PM
File: _2018-07-06_

Last save: 7/9/2018 1:34:22 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63036

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.02g
: 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	8.76	0.259	0.87	5.63	15.153	3.34	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	15.40	0.365	0.10	0.65	2.439	0.54	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.05	0.456	14.45	93.72	436.118	96.12	0.
7	27.00	0.154	15.42	100.00	453.710	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:35:09 PM
 Printed by: wet

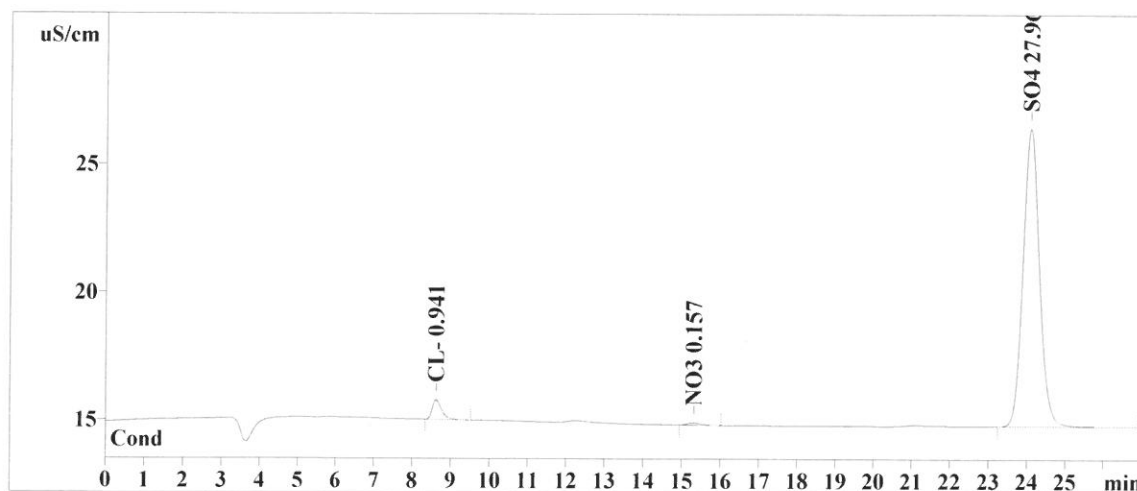
Ident: J3879-05
 Analysis from: 7/6/2018 12:44:02 PM
 File: _2018-07-06_

Last save: 7/9/2018 1:35:02 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 63037

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
 : 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	8.62	0.254	0.76	6.10	13.004	3.61	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	15.31	0.371	0.08	0.68	2.046	0.57	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.07	0.448	11.65	93.21	345.083	95.82	0.
7	27.00	0.153	12.50	99.99	360.132	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/9/2018 1:35:52 PM
Printed by: wet

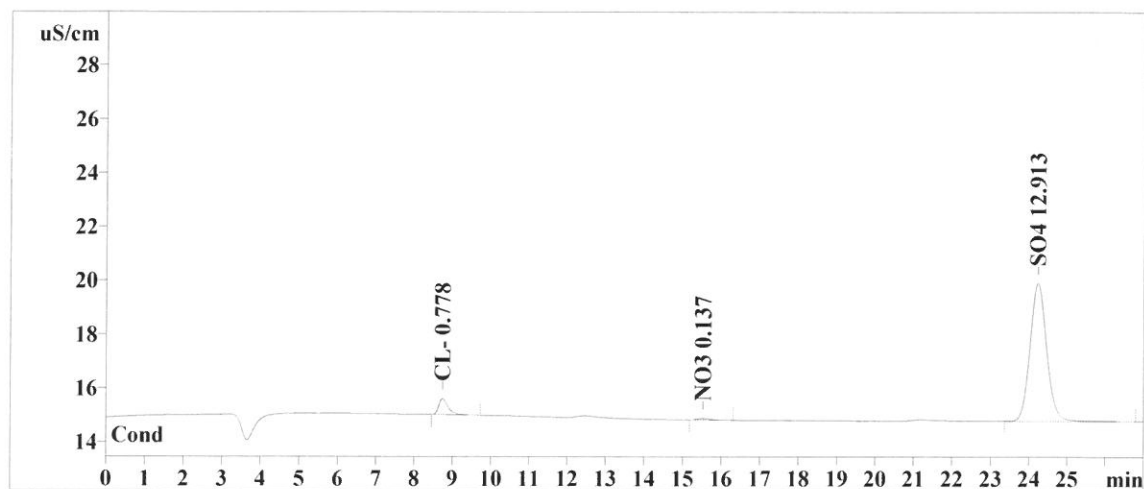
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Analysis from: 7/6/2018 1:13:57 PM
File: _2018-07-06_

Last save: 7/9/2018 1:35:52 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63038

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.03g
: AK/AP
Vial number: 12
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	8.73	0.260	0.59	10.23	10.368	6.25	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	15.53	0.371	0.05	0.88	1.240	0.75	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.22	0.457	5.12	88.89	154.175	93.00	0.
7	27.00	0.155	5.76	100.00	165.784	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:36:31 PM
Printed by: wet

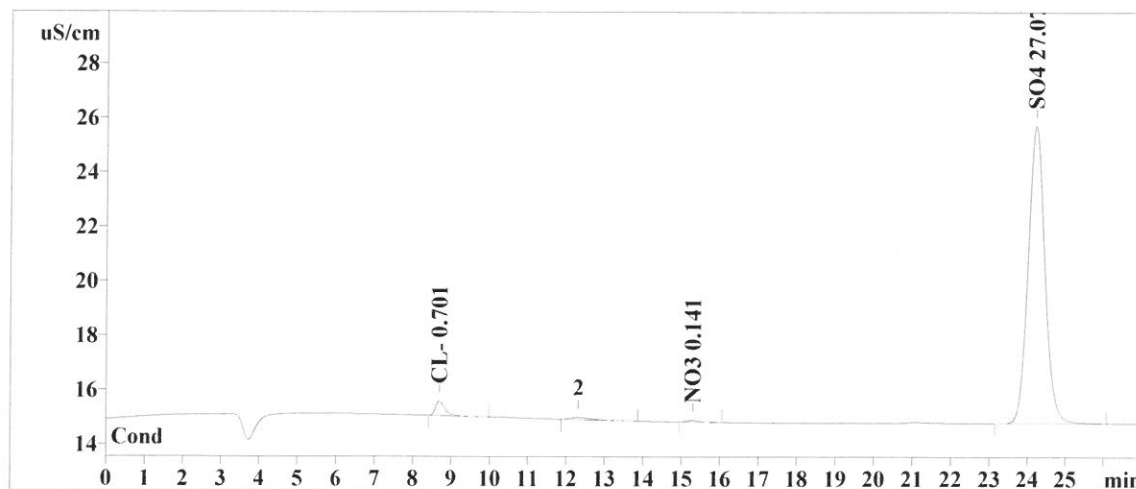
Ident: J3879-09
Analysis from: 7/6/2018 1:43:52 PM
File: _2018-07-06_

Last save: 7/9/2018 1:36:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63039

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.68	0.254	0.53	4.58	9.110	2.62	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	15.29	0.364	0.06	0.51	1.407	0.40	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.20	0.463	10.93	94.18	333.721	95.99	0.
7	27.00	0.154	11.52	99.27	344.238	99.02	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:36:45 PM
Printed by: wet

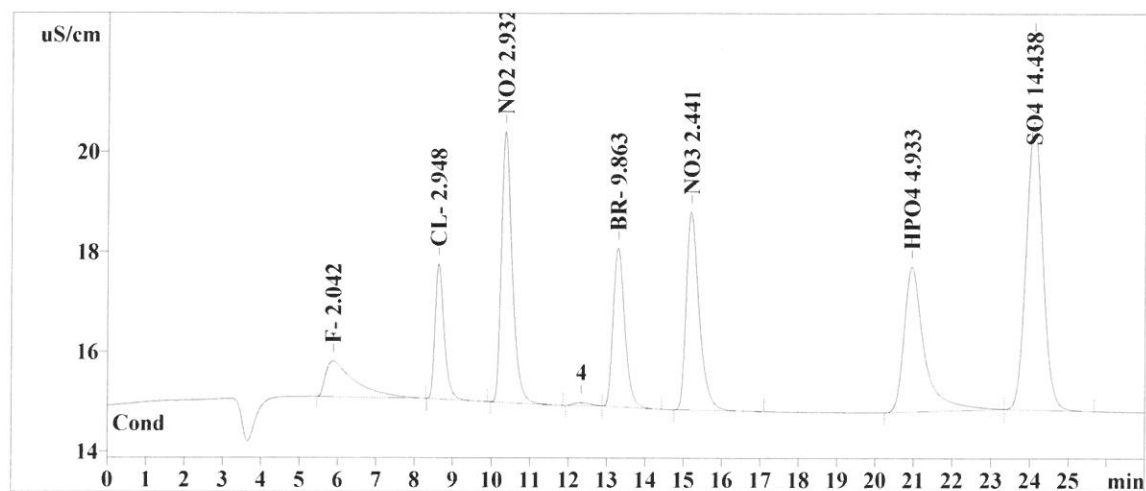
Ident: CCV
Analysis from: 7/6/2018 2:13:47 PM
File: _2018-07-06_

Last save: 7/6/2018 2:40:36 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63040

Last save: 6/15/2018 8:48:46 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	5.87	0.739	0.72	2.90	38.242	6.04	0.
2	8.61	0.251	2.70	10.94	45.580	7.20	0.
3	10.35	0.287	5.42	21.93	105.012	16.60	0.
4	13.28	0.323	3.17	12.84	67.380	10.65	0.
5	15.19	0.353	3.97	16.05	94.354	14.91	0.
6	20.95	0.496	2.90	11.73	106.679	16.86	0.
7	24.09	0.459	5.76	23.33	173.510	27.42	0.
7	27.00	0.416	24.64	99.72	630.756	99.69	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:37:03 PM
Printed by: wet

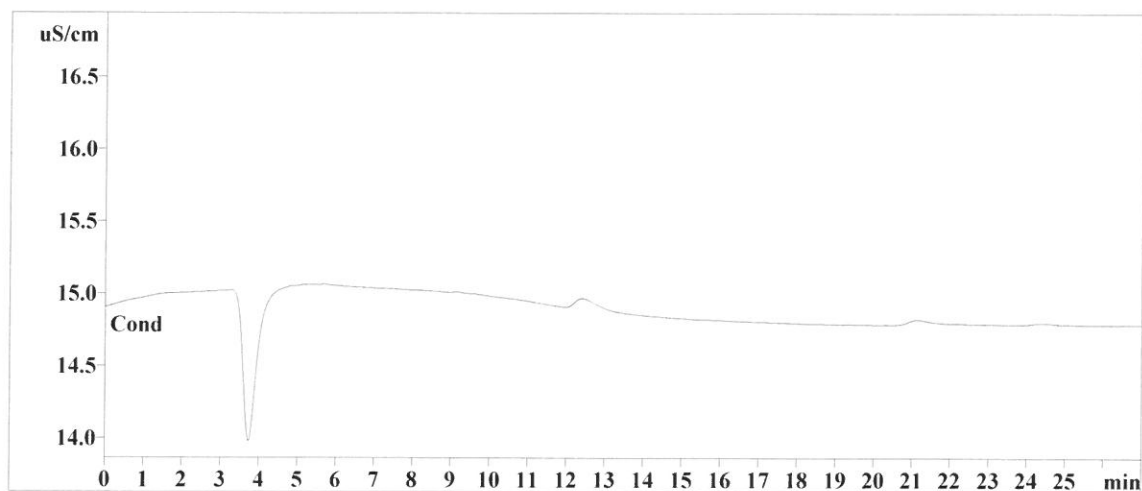
Ident: CCB
Analysis from: 7/6/2018 2:43:43 PM
File: _2018-07-06_

Last save: 7/9/2018 1:37:02 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63041

Last save: 6/15/2018 8:48:46 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: 7/9/2018 1:38:27 PM
Printed by: wet

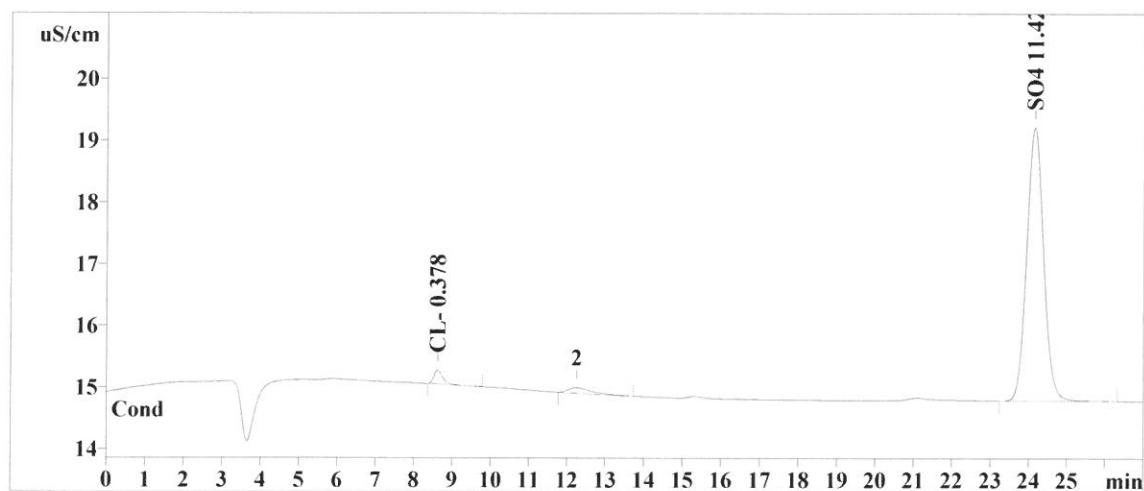
Ident: J3879-11
Analysis from: 7/6/2018 3:13:38 PM
File: _2018-07-06_

Last save: 7/9/2018 1:38:28 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63042

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.02g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.61	0.254	0.22	4.69	3.871	2.71	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	24.14	0.464	4.43	93.35	135.268	94.58	0.
7	27.00	0.103	4.66	98.04	139.139	97.29	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:38:52 PM
Printed by: wet

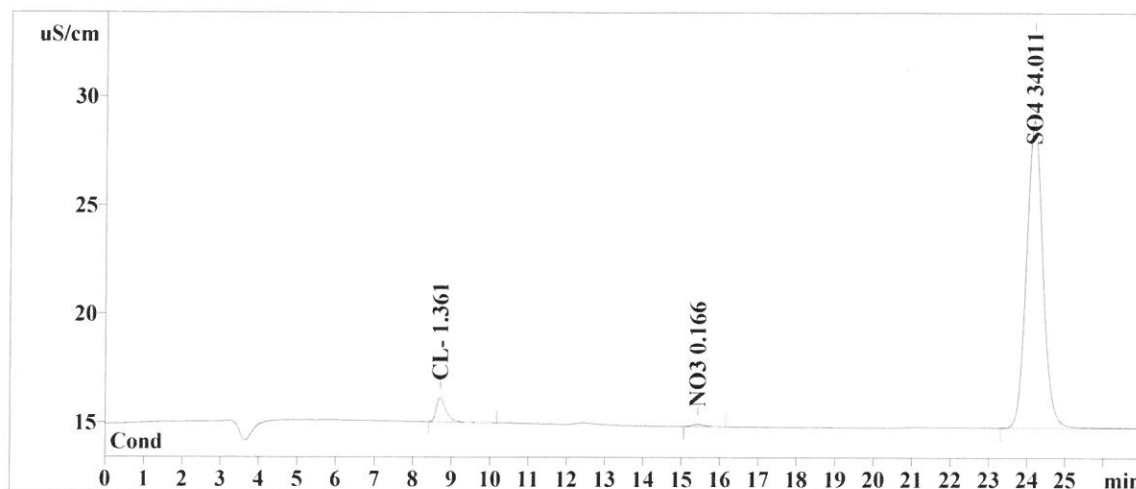
Ident: J3879-13
Analysis from: 7/6/2018 3:43:33 PM
File: _2018-07-06_

Last save: 7/9/2018 1:38:50 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63043

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.06g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.70	0.265	1.11	7.25	19.826	4.47	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	15.43	0.366	0.10	0.65	2.393	0.54	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.16	0.452	14.11	92.09	421.694	94.99	0.
7	27.00	0.155	15.32	100.00	443.913	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:39:24 PM
Printed by: wet

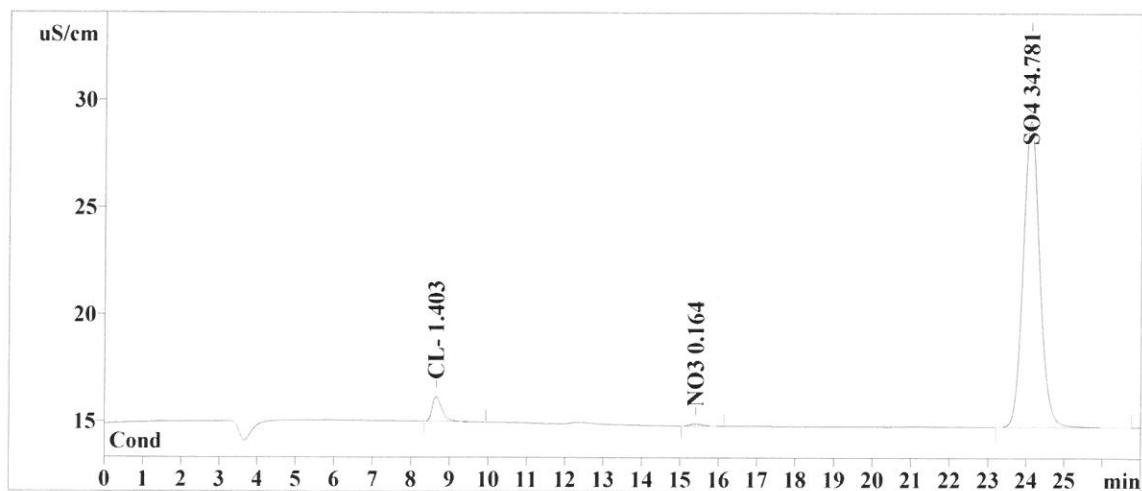
Ident: J3879-15
Analysis from: 7/6/2018 4:13:28 PM
File: _2018-07-06_

Last save: 7/9/2018 1:39:22 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63044

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.01g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.64	0.261	1.16	7.45	20.505	4.51	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	15.41	0.367	0.10	0.62	2.306	0.51	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.10	0.457	14.27	91.92	431.466	94.98	0.
7	27.00	0.155	15.52	99.99	454.276	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:39:39 PM
 Printed by: wet

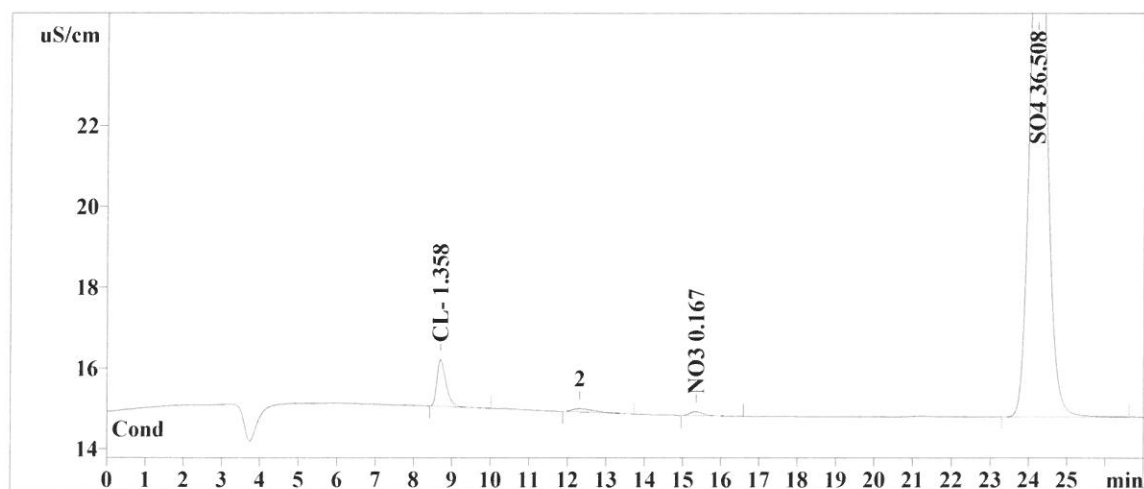
Ident: J3879-17
 Analysis from: 7/6/2018 4:43:23 PM
 File: _2018-07-06_

Last save: 7/6/2018 5:10:12 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 63045

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
 : 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.69	0.254	1.16	6.98	19.770	4.13	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	15.35	0.374	0.10	0.59	2.441	0.51	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.21	0.449	15.26	91.91	453.360	94.62	0.
7	27.00	0.154	16.51	99.48	475.571	99.26	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/9/2018 1:40:33 PM
 Printed by: wet

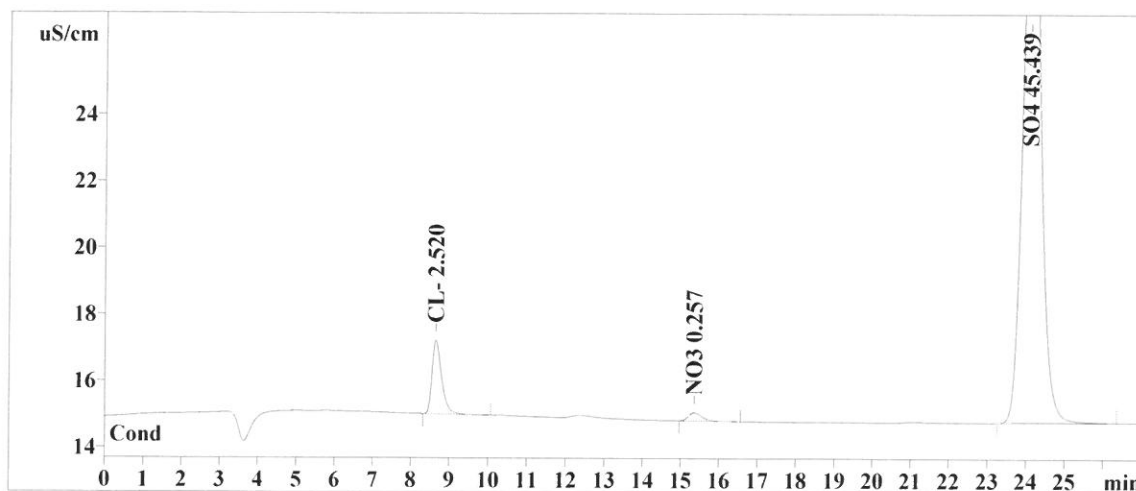
Ident: J3879-19
 Analysis from: 7/6/2018 5:13:18 PM
 File: _2018-07-06_

Last save: 7/9/2018 1:40:34 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 63046

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.04g
 : 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.64	0.259	2.21	10.47	38.633	6.32	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	15.36	0.367	0.25	1.18	6.063	0.99	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.09	0.460	18.65	88.35	566.608	92.69	0.
7	27.00	0.155	21.10	100.00	611.304	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/9/2018 1:40:47 PM
Printed by: wet

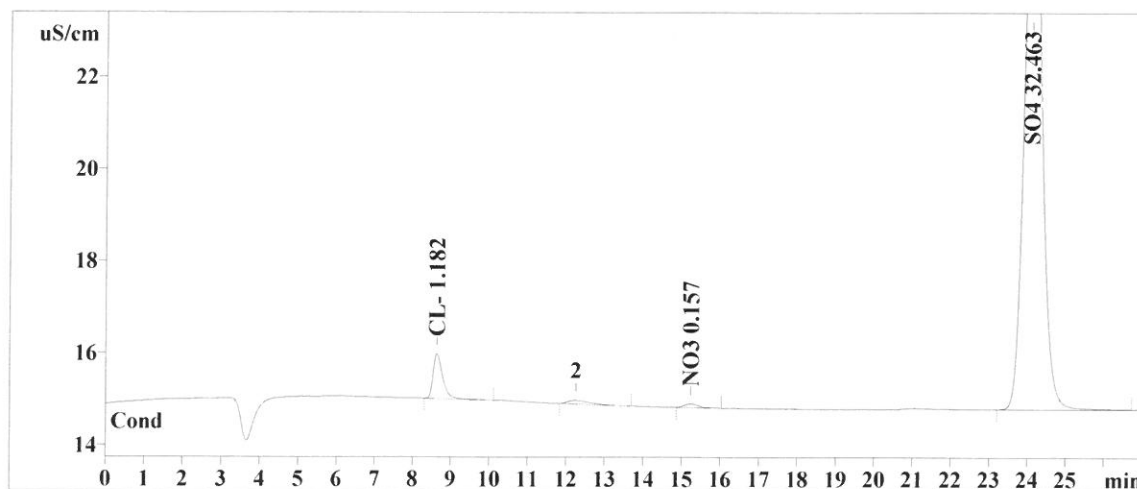
Ident: J3880-01
Analysis from: 7/6/2018 5:43:13 PM
File: _2018-07-06_

Last save: 7/6/2018 6:10:02 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63047

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.08g
: AK/AP
Vial number: 19
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	8.63	0.255	0.97	6.77	16.925	3.99	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	15.23	0.378	0.08	0.57	2.042	0.48	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.10	0.461	13.23	92.08	402.062	94.75	0.
7	27.00	0.156	14.28	99.42	421.029	99.22	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:41:35 PM
Printed by: wet

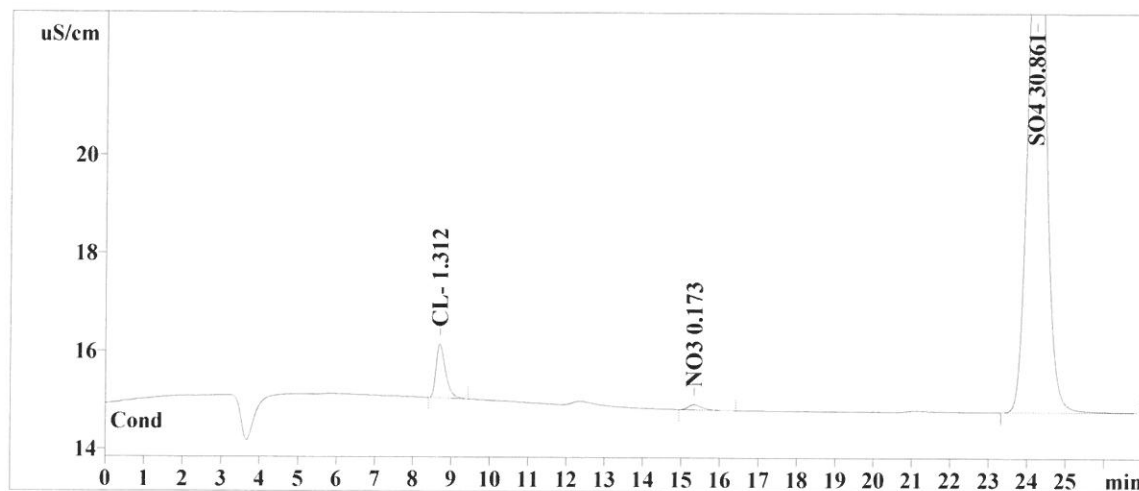
Ident: J3880-03
Analysis from: 7/6/2018 6:13:08 PM
File: _2018-07-06_

Last save: 7/9/2018 1:41:36 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63048

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.07g
: 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	8.69	0.261	1.09	8.01	19.027	4.72	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	15.34	0.368	0.11	0.79	2.682	0.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.20	0.463	12.47	91.20	381.758	94.62	0.
7	27.00	0.156	13.67	99.99	403.467	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:42:20 PM
Printed by: wet

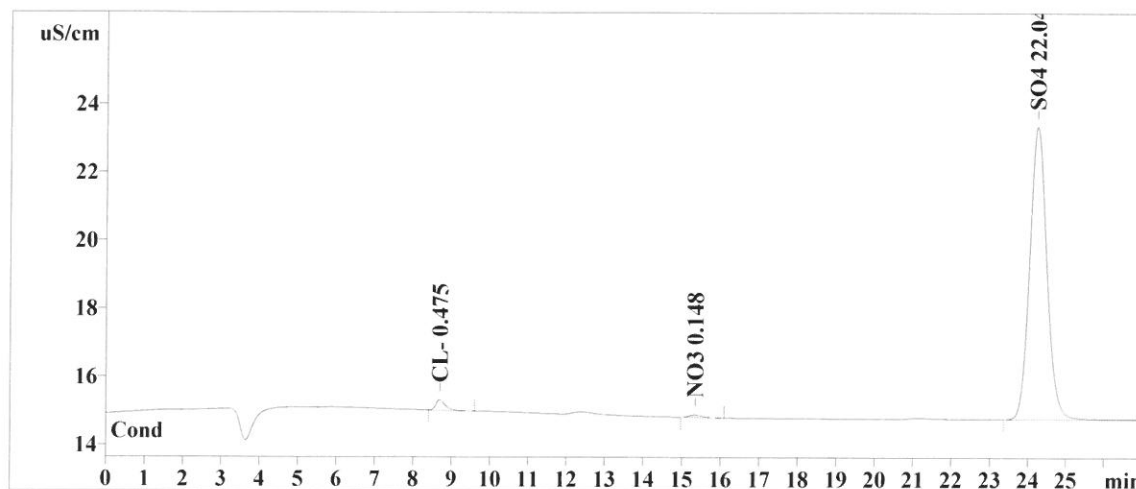
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Analysis from: 7/6/2018 6:43:03 PM
File: _2018-07-06_

Last save: 7/9/2018 1:42:20 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63049

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
: 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	8.68	0.262	0.31	3.44	5.449	1.97	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	15.34	0.362	0.07	0.79	1.681	0.61	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.23	0.476	8.58	95.77	269.996	97.43	0.
7	27.00	0.157	8.96	100.00	277.126	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:42:45 PM
Printed by: wet

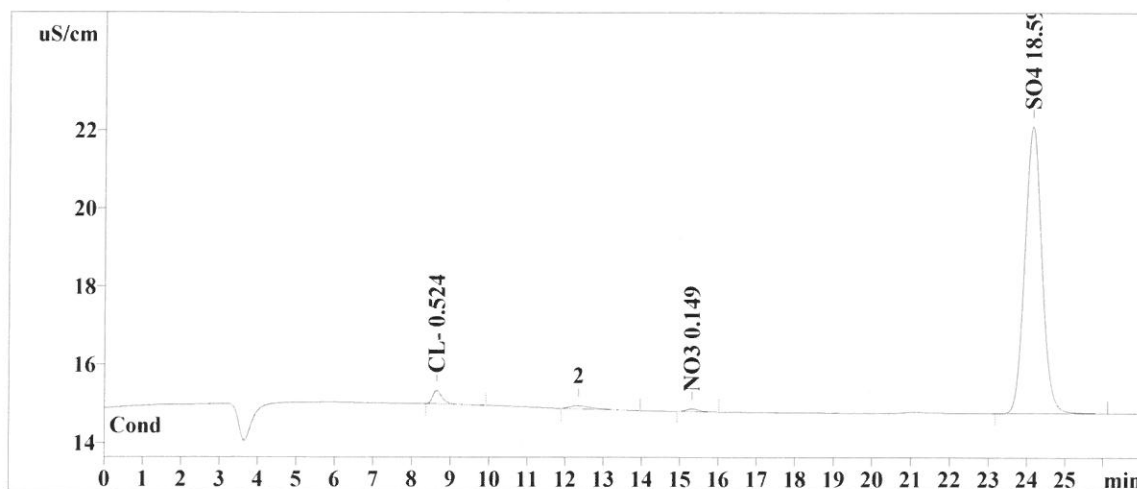
Ident: J3880-07
Analysis from: 7/6/2018 7:12:58 PM
File: _2018-07-06_

Last save: 7/9/2018 1:42:44 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63050

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.03g
: 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	8.63	0.262	0.34	4.40	6.236	2.62	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	15.32	0.367	0.07	0.91	1.711	0.72	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.13	0.469	7.34	93.63	226.254	95.21	0.
7	27.00	0.157	7.75	98.93	234.201	98.56	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:43:12 PM
Printed by: wet

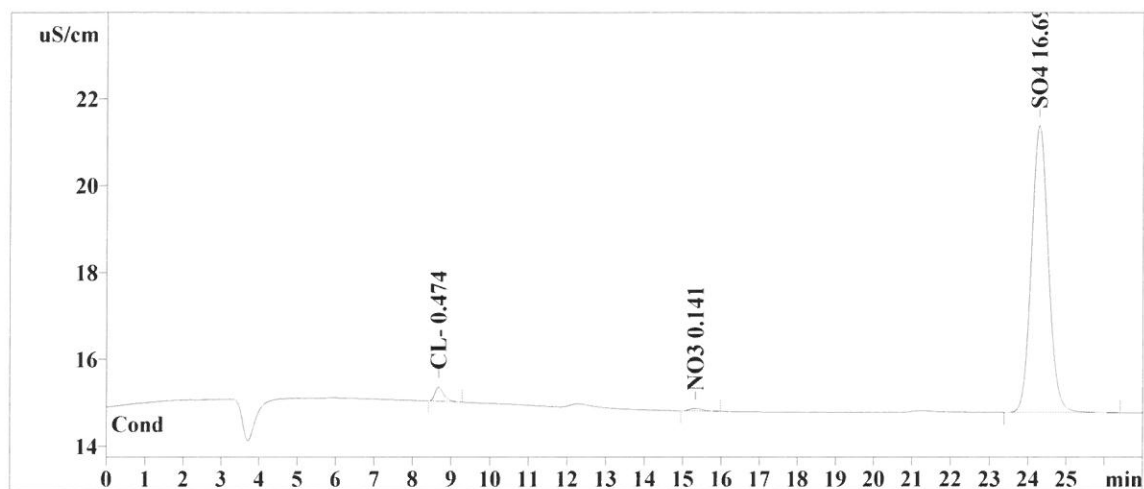
Ident: J3880-09
Analysis from: 7/6/2018 7:42:53 PM
File: _2018-07-06_

Last save: 7/9/2018 1:43:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63051

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.08g
: 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	8.67	0.254	0.32	4.65	5.428	2.60	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	15.33	0.376	0.06	0.83	1.388	0.66	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.28	0.467	6.59	94.51	202.074	96.74	0.
7	27.00	0.157	6.98	100.00	208.889	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:43:27 PM
Printed by: wet

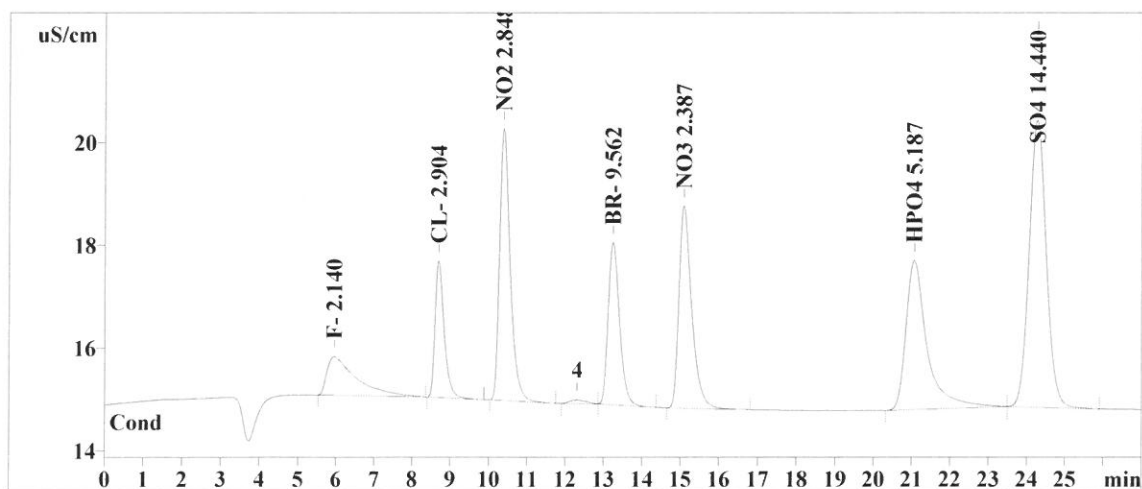
Ident: CCV
Analysis from: 7/6/2018 8:12:48 PM
File: _2018-07-06_

Last save: 7/6/2018 8:39:38 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63052

Last save: 6/15/2018 8:48:46 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	5.96	0.747	0.75	3.08	40.263	6.37	0.
2	8.69	0.252	2.66	10.91	44.860	7.10	0.
3	10.38	0.285	5.30	21.75	101.817	16.11	0.
4	13.24	0.315	3.16	12.95	65.218	10.32	0.
5	15.09	0.348	3.94	16.15	92.167	14.58	0.
6	21.06	0.521	2.90	11.92	111.932	17.71	0.
7	24.27	0.475	5.59	22.93	173.539	27.46	0.
7	27.00	0.421	24.29	99.69	629.796	99.66	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:43:44 PM
Printed by: wet

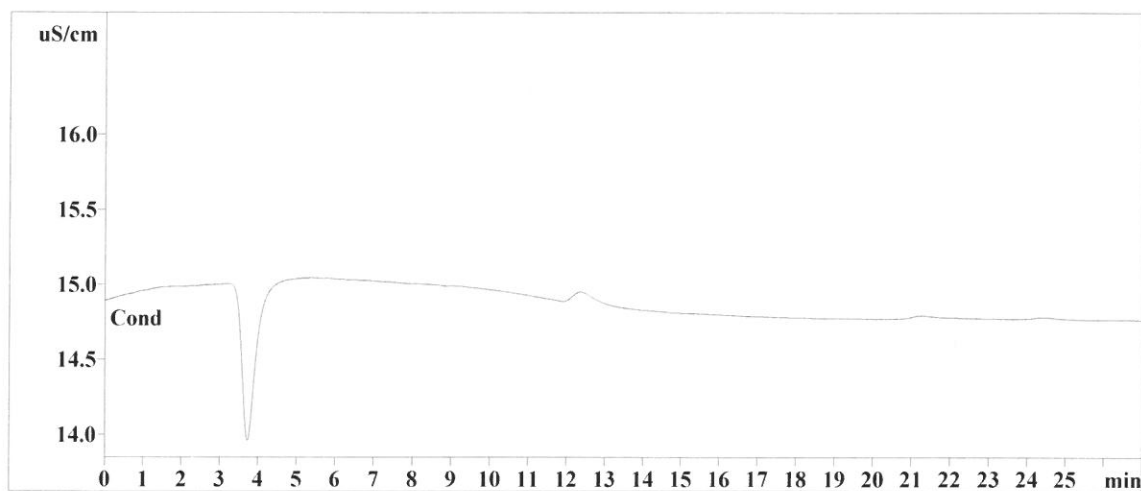
Ident: CCB
Analysis from: 7/6/2018 8:42:43 PM
File: _2018-07-06_

Last save: 7/9/2018 1:43:44 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63053

Last save: 6/15/2018 8:48:46 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: 7/9/2018 1:45:55 PM
Printed by: wet

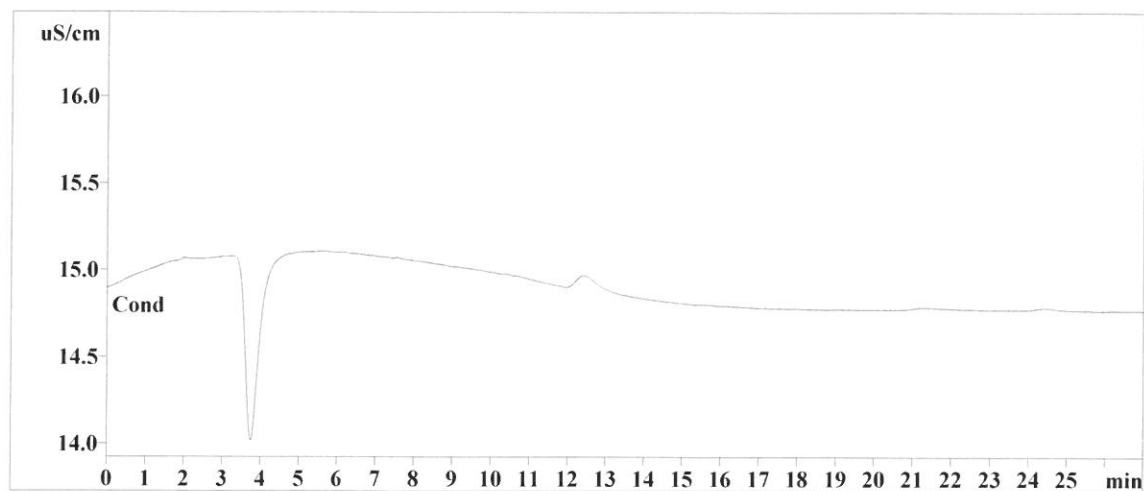
Ident: LB96464BLS2
Analysis from: 7/6/2018 9:12:38 PM
File: _2018-07-06_

Last save: 7/6/2018 9:39:28 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63054

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
: 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: 7/9/2018 1:46:04 PM
Printed by: wet

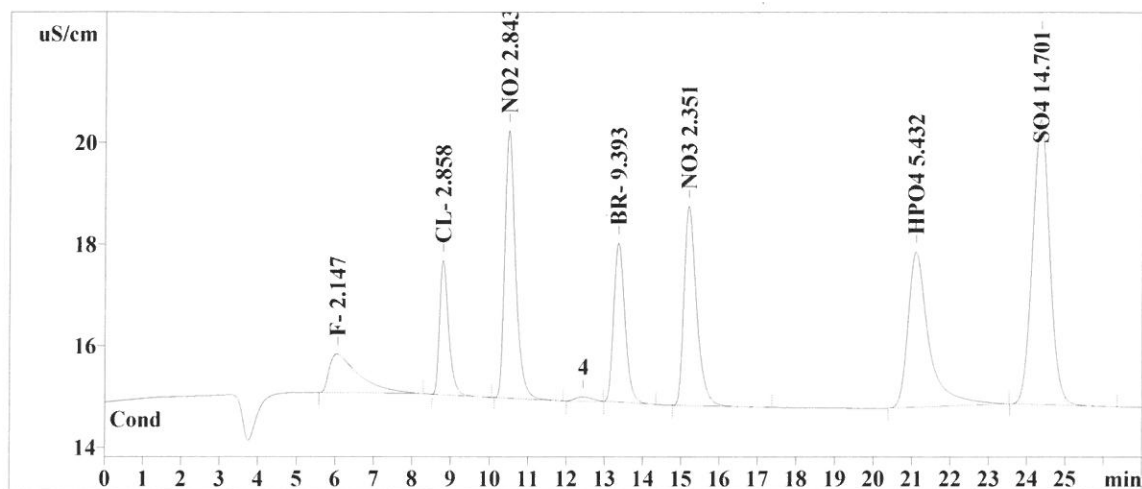
Ident: LB96464BSS2
Analysis from: 7/6/2018 9:42:33 PM
File: _2018-07-06_

Last save: 7/6/2018 10:09:22 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63055

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.01g
: 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	6.05	0.762	0.76	3.11	40.412	6.34	0.
2	8.79	0.250	2.64	10.80	44.110	6.92	0.
3	10.49	0.286	5.26	21.54	101.652	15.95	0.
4	13.35	0.313	3.12	12.79	64.011	10.05	0.
5	15.20	0.346	3.91	16.02	90.716	14.24	0.
6	21.10	0.517	3.05	12.49	116.997	18.36	0.
7	24.34	0.484	5.60	22.91	176.849	27.75	0.
7	27.00	0.422	24.34	99.66	634.748	99.62	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:47:56 PM
Printed by: wet

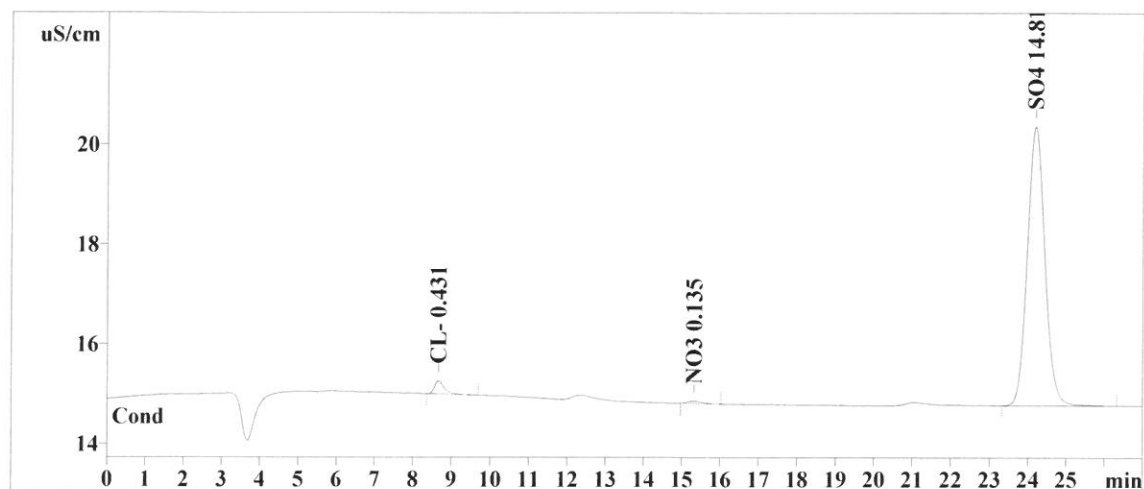
Ident: J3880-11
Analysis from: 7/6/2018 10:12:27 PM
File: _2018-07-06_

Last save: 7/9/2018 1:47:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63056

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.02g
: AK/AP
Vial number: 24
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	8.66	0.265	0.26	4.40	4.733	2.57	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	15.32	0.375	0.05	0.79	1.143	0.62	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.18	0.485	5.59	94.77	178.303	96.81	0.
7	27.00	0.161	5.90	99.96	184.179	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:48:25 PM
Printed by: wet

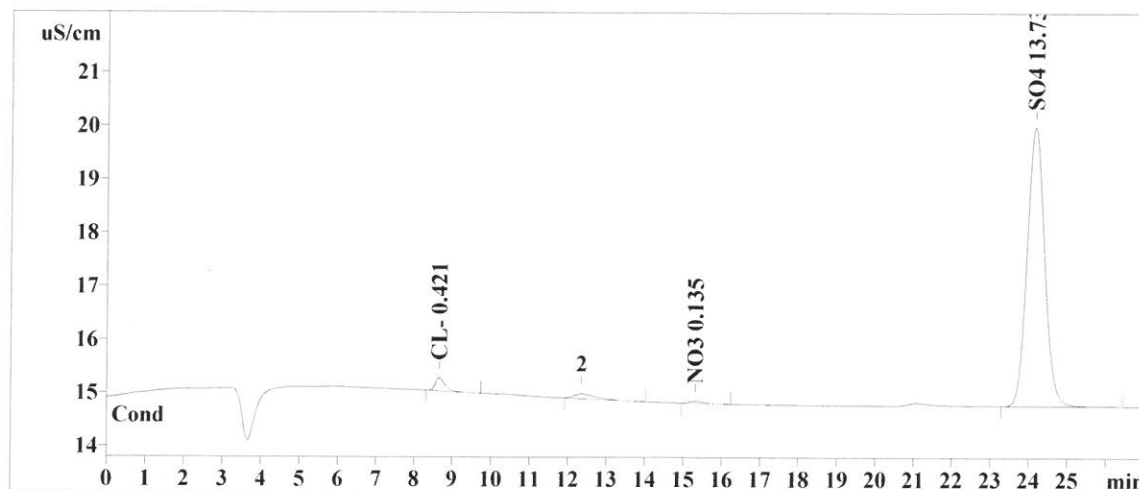
Ident: J3880-13
Analysis from: 7/6/2018 10:42:22 PM
File: _2018-07-06_

Last save: 7/9/2018 1:48:24 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63057

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
: 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.65	0.265	0.25	4.43	4.570	2.63	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	15.31	0.393	0.04	0.78	1.138	0.65	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.15	0.480	5.23	93.08	164.542	94.54	0.
7	27.00	0.163	5.52	98.28	170.250	97.82	0.

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Report date: 7/9/2018 1:48:52 PM
Printed by: wet

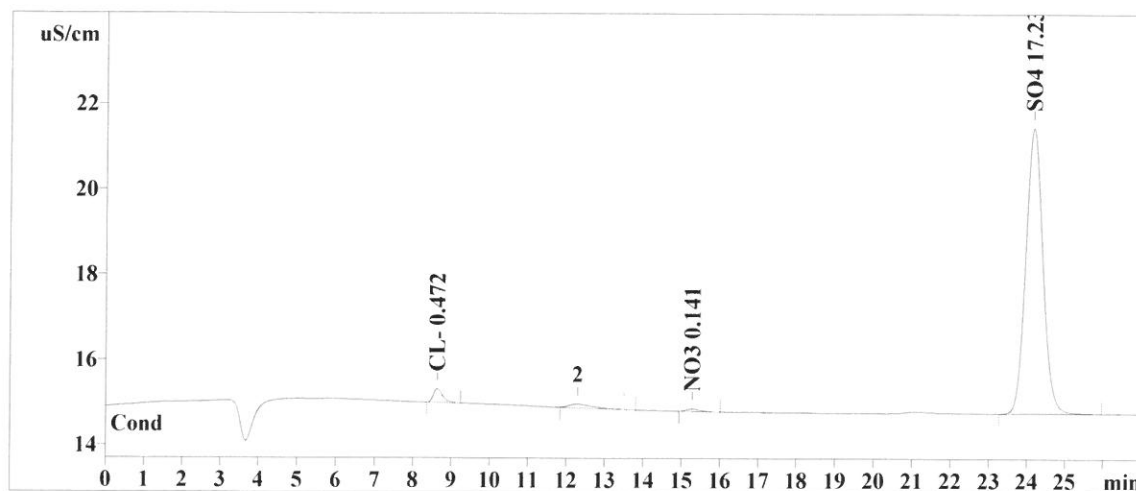
Ident: J3880-15
Analysis from: 7/6/2018 11:12:17 PM
File: _2018-07-06_

Last save: 7/9/2018 1:48:52 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63058

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.04g
: 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	8.62	0.256	0.32	4.46	5.405	2.46	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	15.29	0.375	0.06	0.78	1.376	0.63	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.16	0.475	6.70	93.48	208.971	95.16	0.
7	27.00	0.158	7.07	98.72	215.752	98.24	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:50:14 PM
Printed by: wet

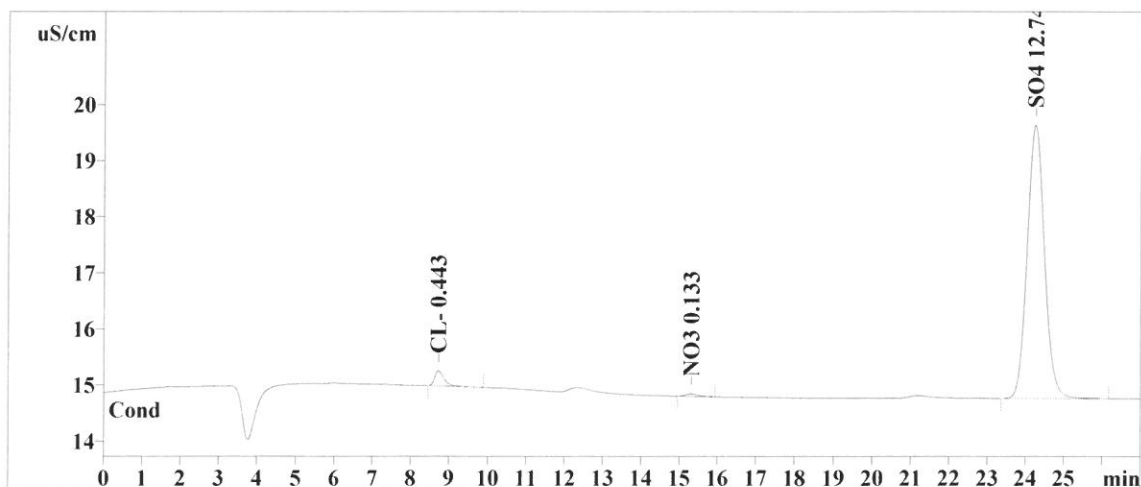
Ident: J3880-17
Analysis from: 7/6/2018 11:42:13 PM
File: _2018-07-06_

Last save: 7/9/2018 1:50:10 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63059

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
: 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	8.73	0.258	0.27	5.23	4.920	3.11	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	15.32	0.379	0.04	0.84	1.058	0.67	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.24	0.477	4.87	93.89	152.044	96.22	0.
7	27.00	0.159	5.18	99.96	158.023	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:50:42 PM
 Printed by: wet

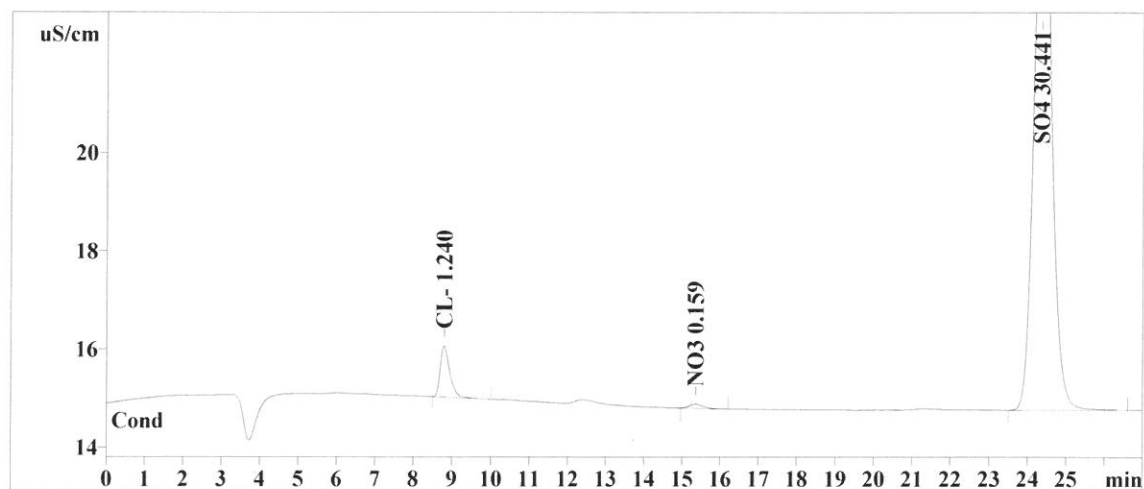
Ident: J3880-19
 Analysis from: 7/7/2018 12:12:08 AM
 File: _2018-07-07_

Last save: 7/9/2018 1:50:38 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 63060

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.04g
 : AK/AP
 Vial number: 28
 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	8.79	0.257	1.04	7.66	17.860	4.51	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	15.35	0.368	0.09	0.63	2.105	0.53	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.35	0.458	12.42	91.70	376.424	94.96	0.
7	27.00	0.155	13.54	99.99	396.388	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/9/2018 1:51:19 PM
Printed by: wet

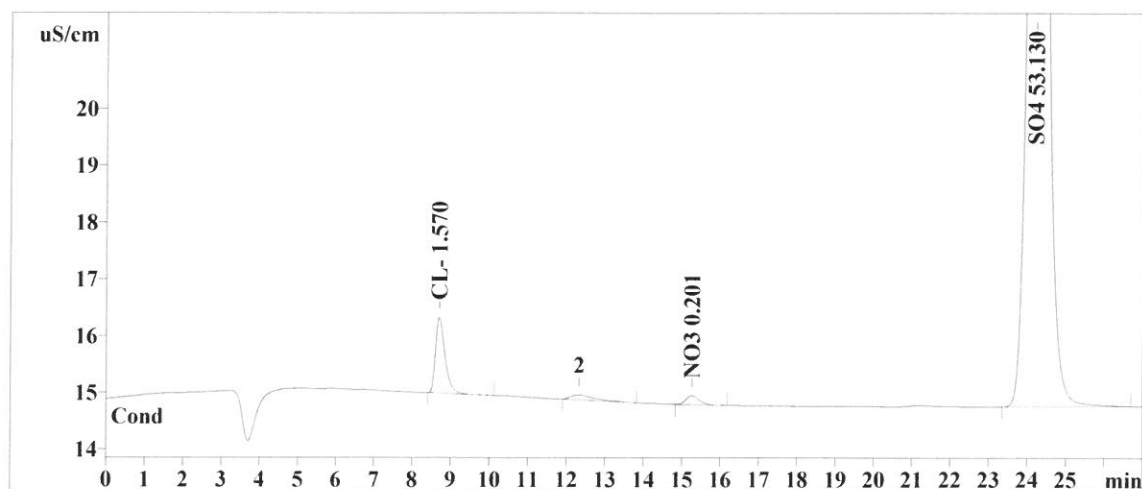
Ident: J3881-01
Analysis from: 7/7/2018 12:42:02 AM
File: _2018-07-07_

Last save: 7/7/2018 1:08:52 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63061

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.05g
: AK/AP
Vial number: 29
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	8.70	0.260	1.33	5.66	23.212	3.34	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	15.26	0.370	0.16	0.67	3.831	0.55	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.21	0.459	21.96	93.28	664.128	95.57	0.
7	27.00	0.156	23.45	99.62	691.171	99.46	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:51:32 PM
Printed by: wet

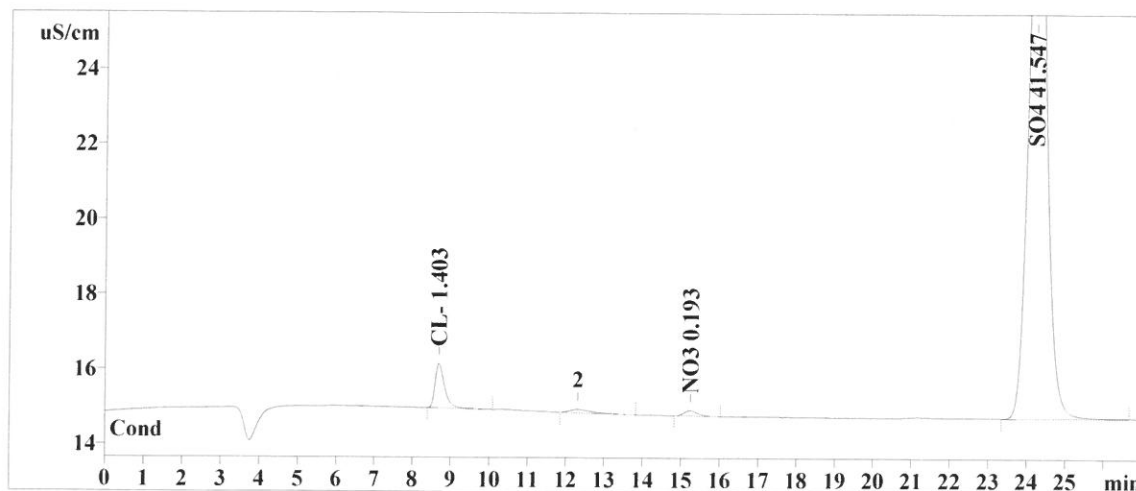
Ident: J3881-03
Analysis from: 7/7/2018 1:11:57 AM
File: _2018-07-07_

Last save: 7/7/2018 1:38:46 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63062

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.06g
: AK/AP
Vial number: 30
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	8.69	0.257	1.17	6.59	20.498	3.76	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	15.24	0.365	0.15	0.82	3.513	0.64	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.21	0.478	16.43	92.10	517.257	94.93	0.
7	27.00	0.157	17.75	99.50	541.267	99.34	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:53:15 PM
Printed by: wet

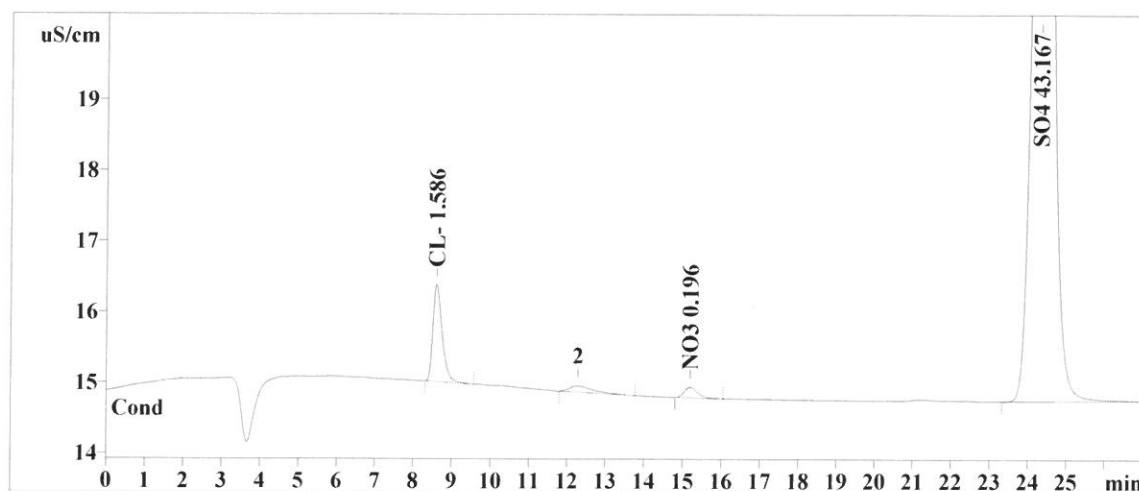
Ident: J3881-05
Analysis from: 7/7/2018 1:41:52 AM
File: _2018-07-07_

Last save: 7/7/2018 2:08:42 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63063

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.03g
: AK/AP
Vial number: 31
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	8.59	0.255	1.38	7.18	23.476	4.13	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	15.19	0.365	0.15	0.78	3.614	0.64	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.31	0.465	17.54	91.56	537.798	94.55	0.
7	27.00	0.155	19.06	99.52	564.889	99.32	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:53:37 PM
Printed by: wet

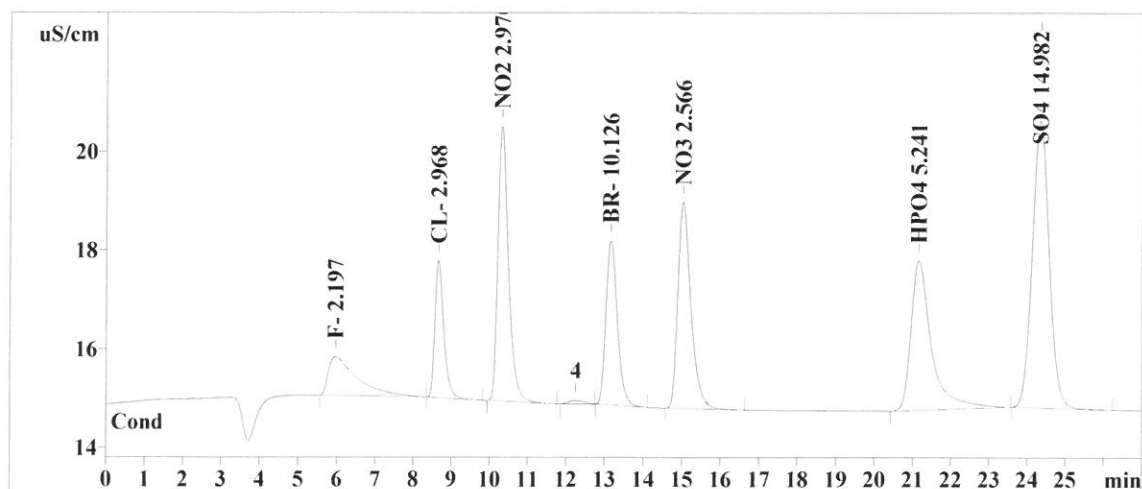
Ident: CCV
Analysis from: 7/7/2018 2:11:47 AM
File: _2018-07-07_

Last save: 7/7/2018 2:38:36 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63064

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 101
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	0.739	0.79	3.09	41.437	6.30	0.
2	8.65	0.248	2.77	10.85	45.904	6.98	0.
3	10.32	0.283	5.57	21.80	106.479	16.18	0.
4	13.16	0.318	3.33	13.02	69.263	10.53	0.
5	15.02	0.355	4.18	16.36	99.368	15.10	0.
6	21.15	0.504	3.02	11.83	113.051	17.18	0.
7	24.33	0.475	5.82	22.77	180.403	27.42	0.
7	27.00	0.417	25.50	99.72	655.905	99.69	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:53:48 PM
Printed by: wet

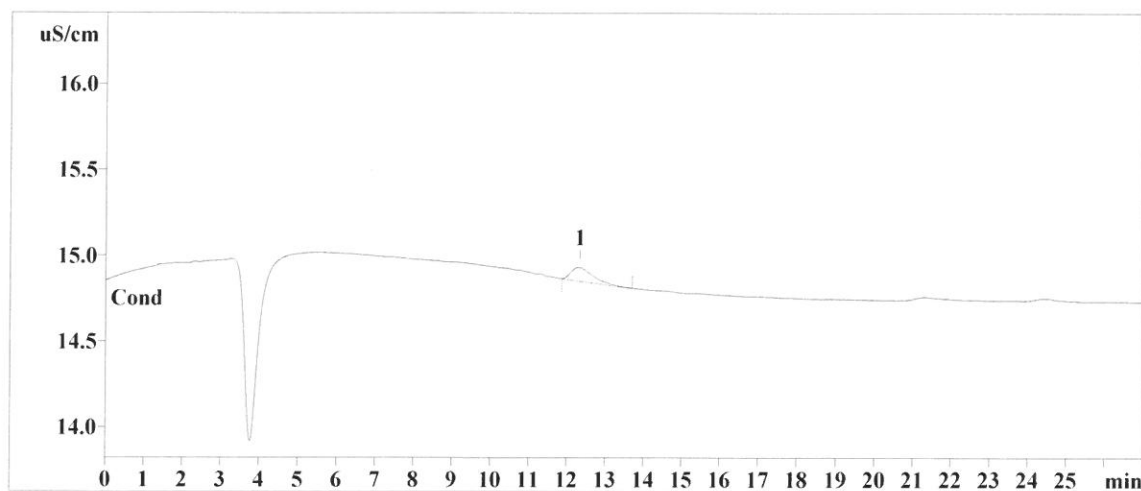
Ident: CCB
Analysis from: 7/7/2018 2:41:42 AM
File: _2018-07-07_

Last save: 7/7/2018 3:08:32 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63065

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 102
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	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: 7/9/2018 1:54:21 PM
Printed by: wet

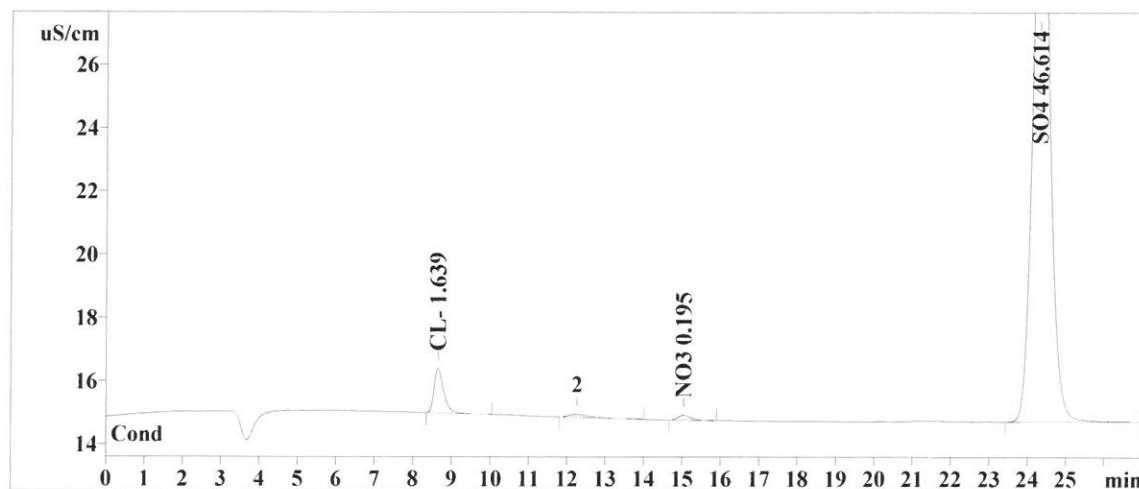
Ident: J3881-07
Analysis from: 7/7/2018 3:11:37 AM
File: _2018-07-07_

Last save: 7/9/2018 1:54:14 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63066

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.07g
: AK/AP
Vial number: 32
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	8.64	0.257	1.41	6.72	24.336	3.97	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	0.352	0.16	0.74	3.596	0.59	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.31	0.458	19.28	92.05	581.504	94.75	0.
7	27.00	0.152	20.84	99.51	609.436	99.31	0.

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METROHM LTD

Report date: 7/9/2018 1:54:33 PM
Printed by: wet

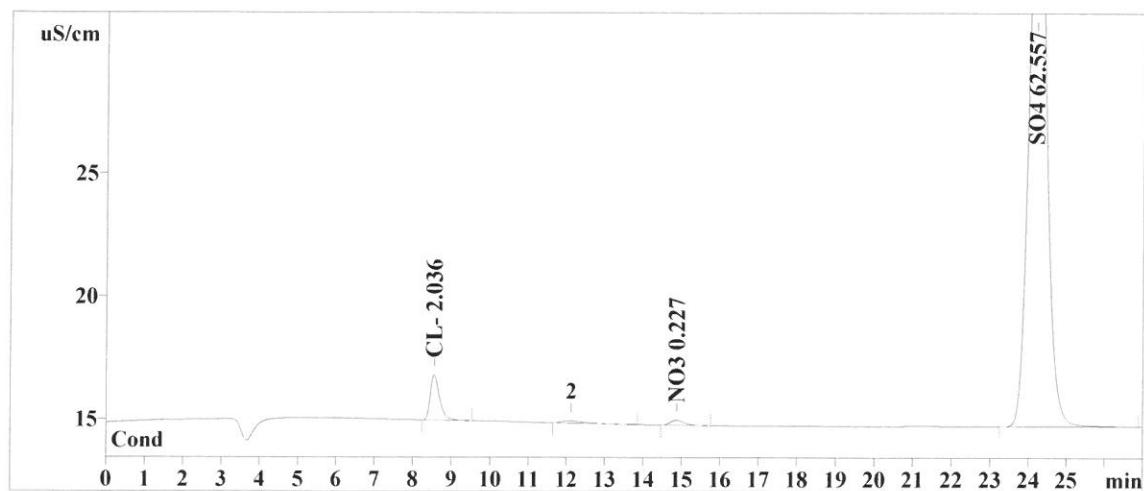
Ident: J3881-09
Analysis from: 7/7/2018 3:41:32 AM
File: _2018-07-07_

Last save: 7/7/2018 4:08:22 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63067

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.05g
: AK/AP
Vial number: 33
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	8.54	0.249	1.84	6.65	30.777	3.74	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	14.87	0.370	0.20	0.73	4.879	0.59	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.18	0.467	25.48	92.26	783.659	95.16	0.
7	27.00	0.155	27.52	99.63	819.316	99.49	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:54:44 PM
Printed by: wet

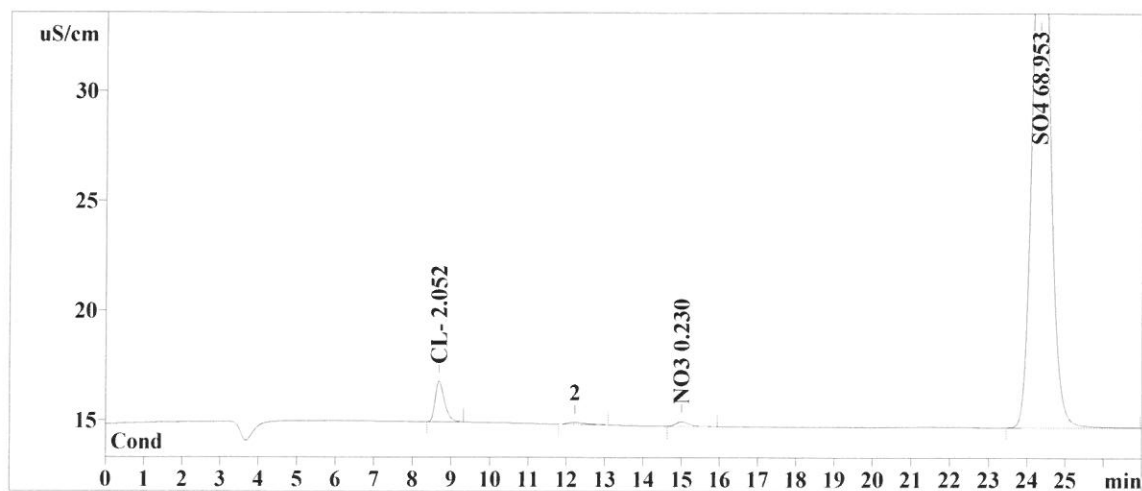
Ident: J3881-09DUP
Analysis from: 7/7/2018 4:11:27 AM
File: _2018-07-07_

Last save: 7/7/2018 4:38:16 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63068

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.02g
: AK/AP
Vial number: 34
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	8.68	0.254	1.85	6.01	31.044	3.43	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	15.01	0.359	0.21	0.69	4.976	0.55	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.30	0.459	28.55	93.00	864.762	95.66	0.
7	27.00	0.153	30.60	99.70	900.782	99.64	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:55:35 PM
Printed by: wet

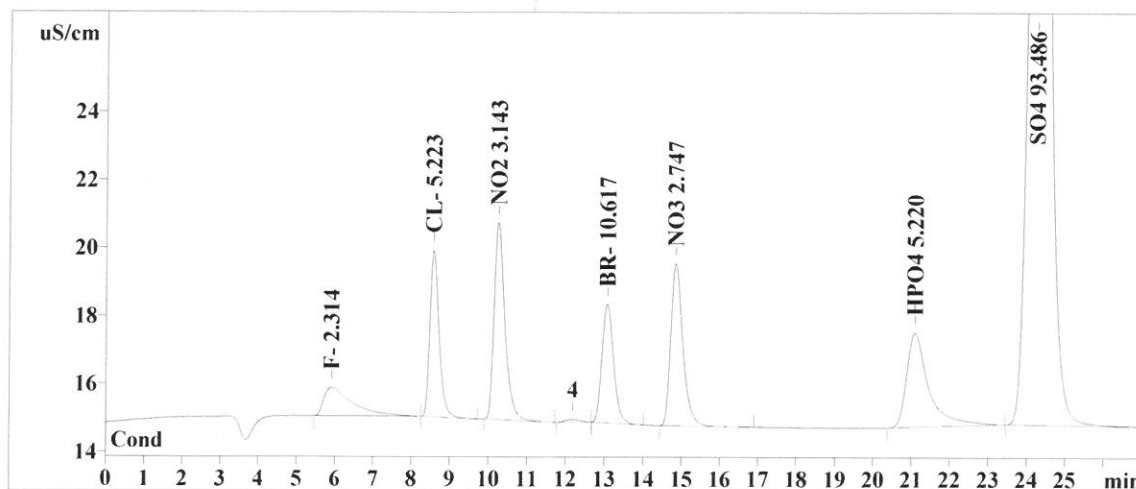
Ident: J3881-09MS
Analysis from: 7/7/2018 4:41:22 AM
File: _2018-07-07_

Last save: 7/7/2018 5:08:12 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63069

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.04g
: AK/AP
Vial number: 35
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	5.91	0.731	0.84	1.40	43.837	2.56	0.
2	8.56	0.251	4.90	8.19	82.490	4.83	0.
3	10.25	0.289	5.80	9.69	113.075	6.61	0.
4	13.06	0.321	3.49	5.83	72.785	4.26	0.
5	14.83	0.335	4.77	7.96	106.710	6.24	0.
6	21.09	0.540	2.78	4.64	112.627	6.59	0.
7	24.24	0.483	37.22	62.16	1175.842	68.78	0.
7	27.00	0.421	59.79	99.86	1707.366	99.87	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:56:03 PM
Printed by: wet

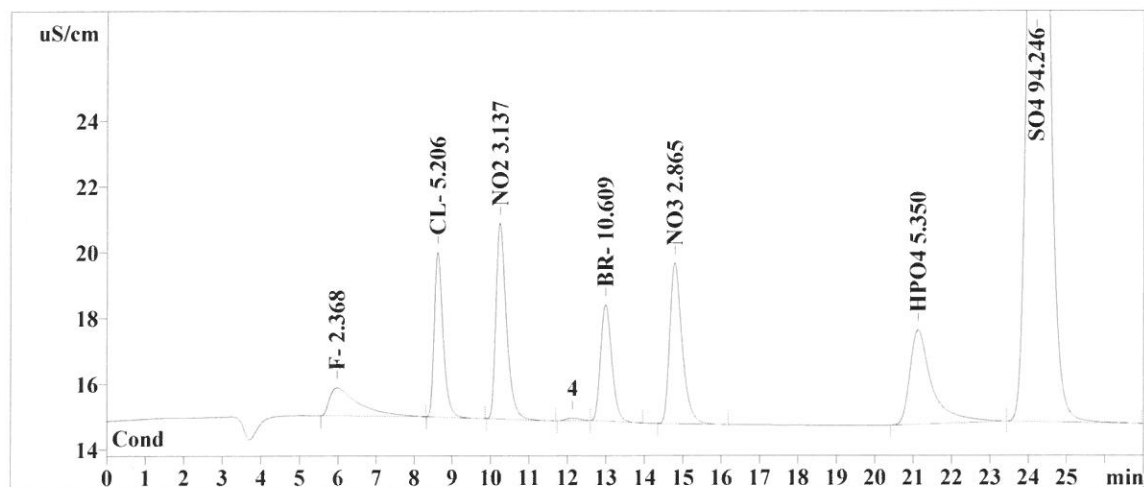
Ident: J3881-09MSD
Analysis from: 7/7/2018 5:11:17 AM
File: _2018-07-07_

Last save: 7/7/2018 5:38:06 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63070

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.03g
: AK/AP
Vial number: 36
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	5.98	0.739	0.85	1.38	44.967	2.60	0.
2	8.61	0.245	5.00	8.12	82.217	4.76	0.
3	10.25	0.281	5.94	9.64	112.838	6.53	0.
4	12.98	0.316	3.54	5.75	72.722	4.21	0.
5	14.78	0.341	4.89	7.93	111.486	6.45	0.
6	21.12	0.530	2.87	4.66	115.305	6.68	0.
7	24.20	0.471	38.45	62.38	1185.481	68.64	0.
7	27.00	0.418	61.55	99.86	1725.016	99.88	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:57:02 PM
Printed by: wet

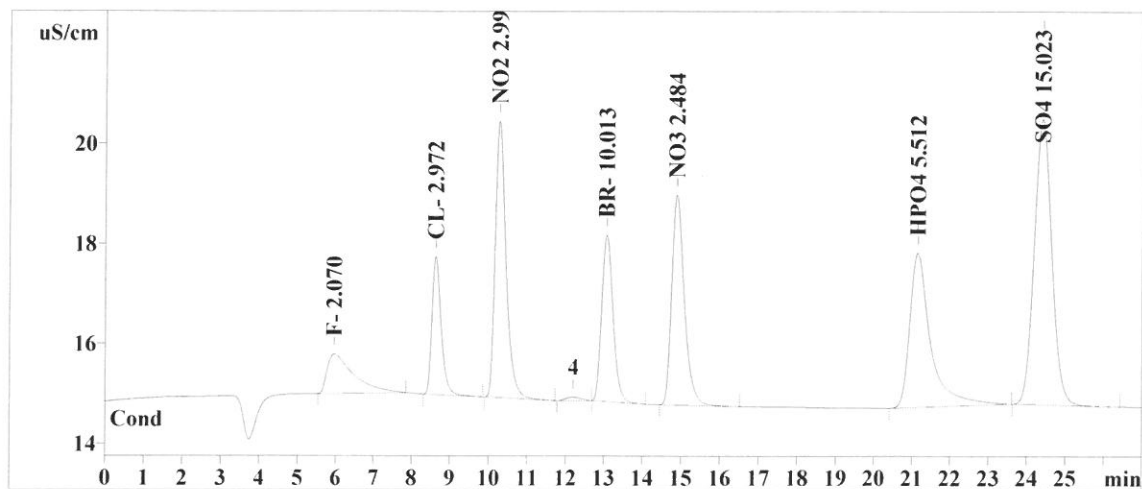
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Analysis from: 7/7/2018 5:41:12 AM
File: _2018-07-07_

Last save: 7/7/2018 6:08:02 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63071

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 101
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	5.96	0.702	0.79	3.11	38.805	5.89	0.
2	8.62	0.249	2.75	10.82	45.968	6.98	0.
3	10.27	0.288	5.53	21.72	107.416	16.32	0.
4	13.06	0.315	3.33	13.06	68.455	10.40	0.
5	14.88	0.343	4.20	16.48	96.082	14.59	0.
6	21.14	0.514	3.08	12.11	118.671	18.03	0.
7	24.39	0.487	5.70	22.39	180.924	27.48	0.
7	27.00	0.414	25.39	99.70	656.320	99.69	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:57:41 PM
Printed by: wet

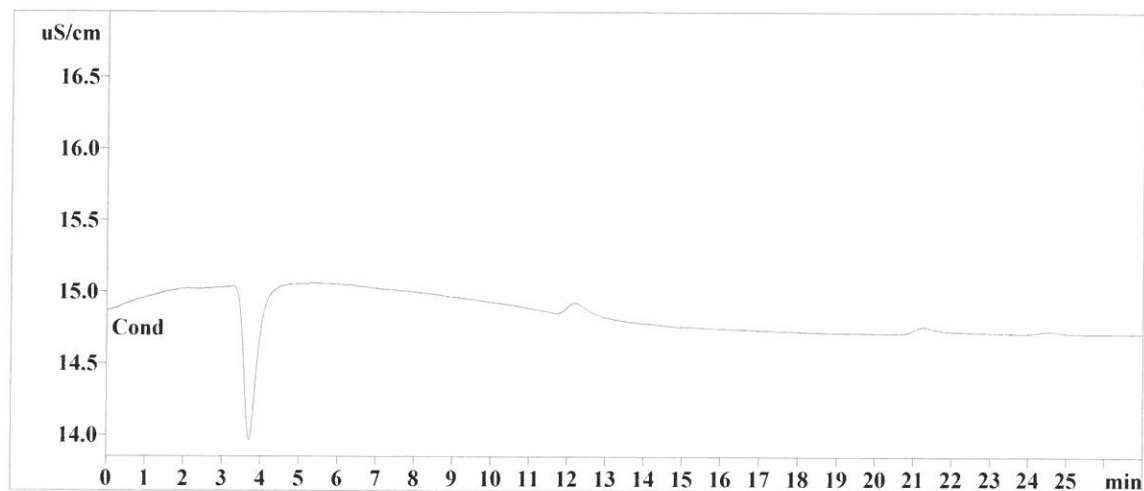
Ident: CCB
Analysis from: 7/7/2018 6:11:07 AM
File: _2018-07-07_

Last save: 7/9/2018 1:57:40 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63072

Last save: 6/15/2018 8:48:46 AM

SAMPLE:
: AK/AP
Vial number: 102
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: 7/9/2018 1:58:50 PM
Printed by: wet

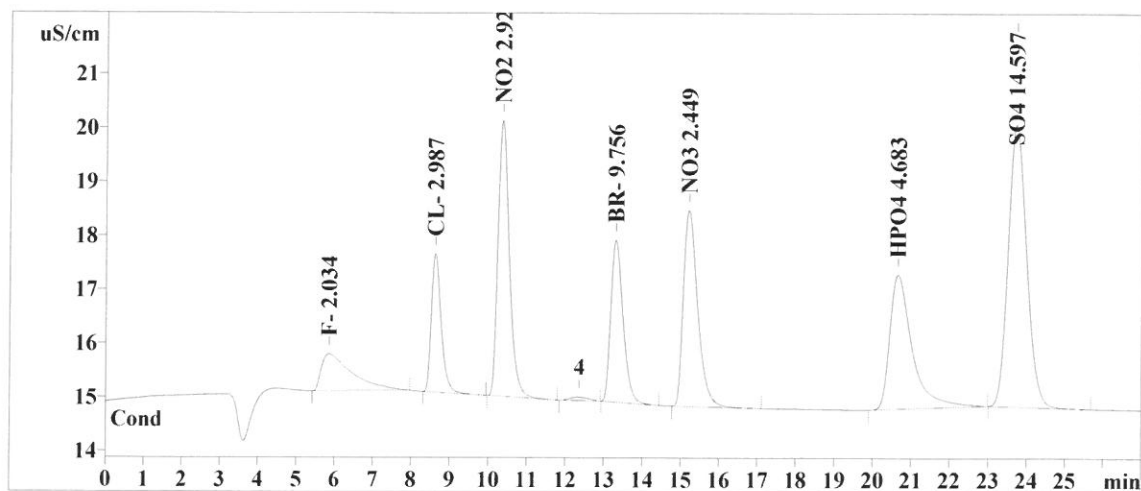
Ident: CCV
Analysis from: 7/9/2018 8:31:55 AM
File: _2018-07-09_

Last save: 7/9/2018 8:58:44 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63075

Last save: 6/15/2018 8:48:46 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	5.85	0.803	0.69	3.01	38.080	6.05	0.
2	8.62	0.270	2.57	11.27	46.215	7.34	0.
3	10.35	0.309	5.11	22.43	104.724	16.63	0.
4	13.30	0.339	3.00	13.18	66.614	10.58	0.
5	15.20	0.394	3.63	15.94	94.642	15.03	0.
6	20.65	0.568	2.49	10.91	101.527	16.13	0.
7	23.70	0.519	5.23	22.95	175.528	27.88	0.
7	27.00	0.457	22.72	99.69	627.329	99.65	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 1:58:59 PM
Printed by: wet

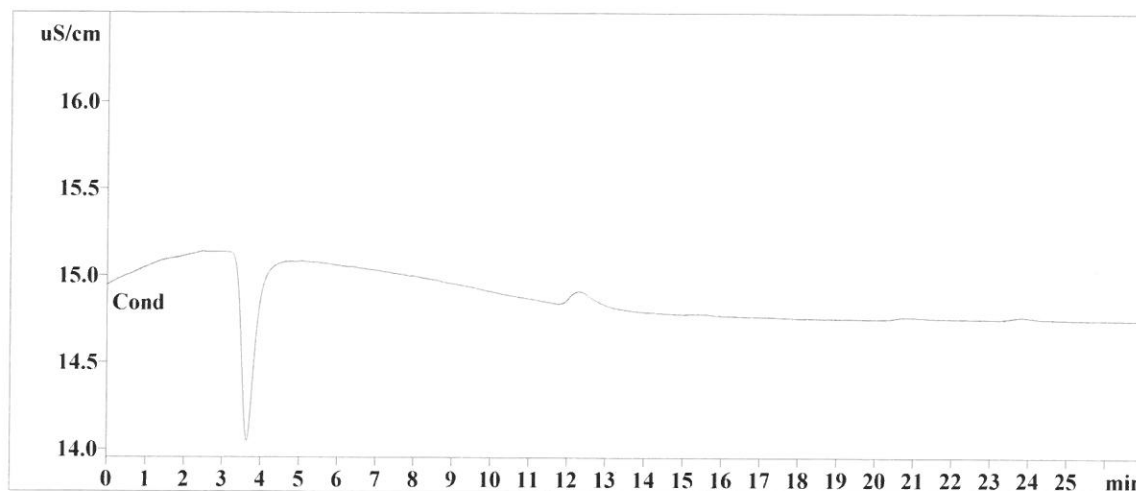
Ident: CCB
Analysis from: 7/9/2018 9:01:50 AM
File: _2018-07-09_

Last save: 7/9/2018 9:28:40 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63076

Last save: 6/15/2018 8:48:46 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: 7/9/2018 1:59:29 PM
Printed by: wet

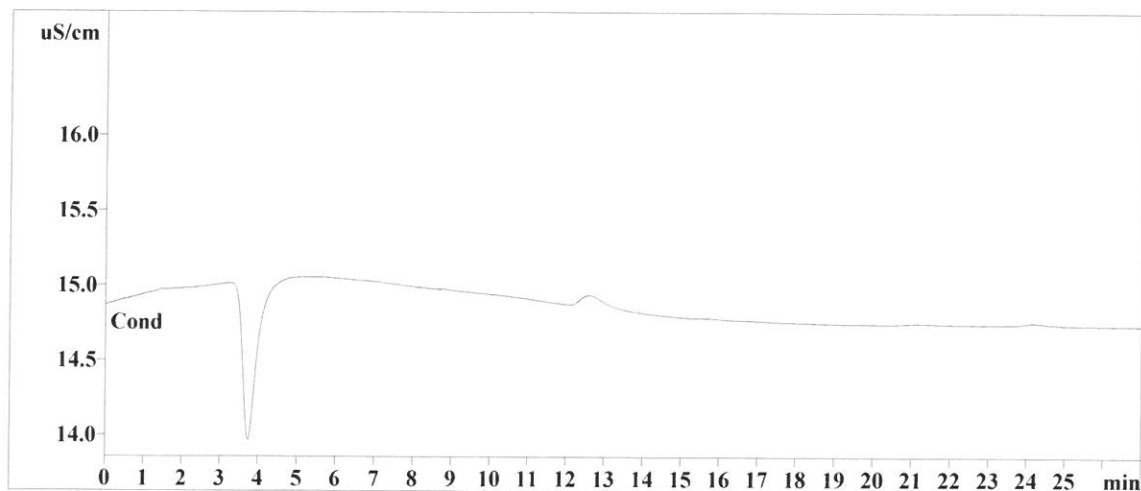
Ident: LB96464BLS3
Analysis from: 7/9/2018 9:31:45 AM
File: _2018-07-09_

Last save: 7/9/2018 1:59:30 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63077

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.00g
: 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: 7/9/2018 1:59:42 PM
Printed by: wet

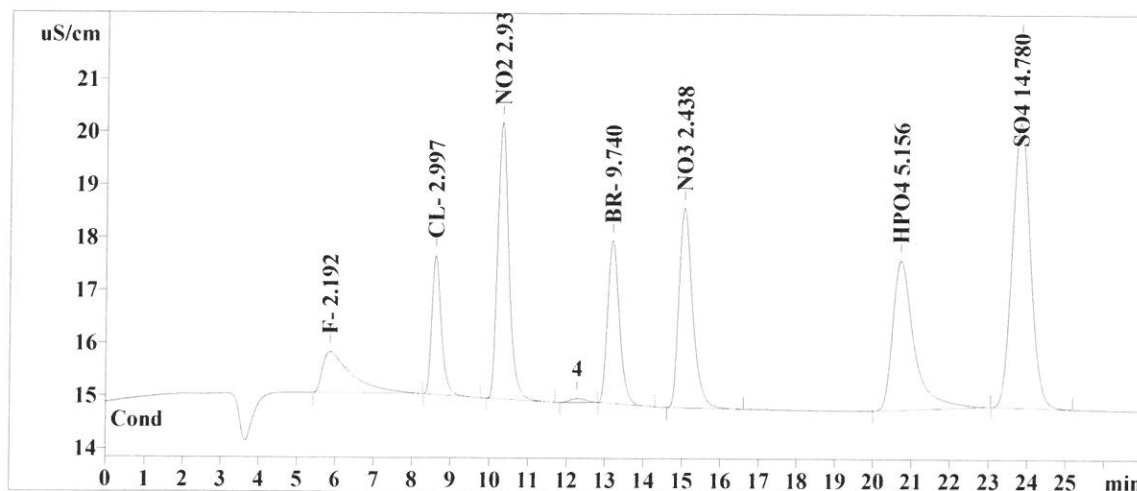
Ident: LB96464BSS3
Analysis from: 7/9/2018 10:32:59 AM
File: _2018-07-09_

Last save: 7/9/2018 10:59:48 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63079

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.01g
: AK/AP
Vial number: 109
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	5.86	0.735	0.78	3.27	41.339	6.41	0.
2	8.59	0.265	2.63	11.04	46.371	7.19	0.
3	10.30	0.300	5.24	21.99	104.938	16.28	0.
4	13.17	0.331	3.08	12.94	66.497	10.31	0.
5	15.04	0.377	3.78	15.86	94.199	14.61	0.
6	20.70	0.543	2.83	11.89	111.289	17.26	0.
7	23.79	0.509	5.40	22.68	177.843	27.58	0.
7	27.00	0.437	23.74	99.68	642.475	99.65	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 2:01:55 PM
Printed by: wet

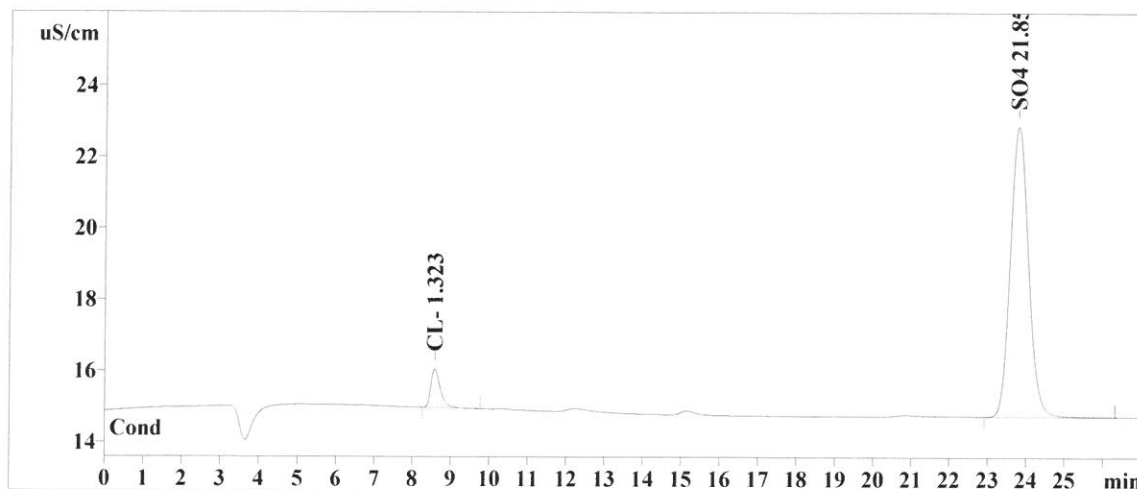
Ident: J3879-19DLX2
Analysis from: 7/9/2018 11:04:51 AM
File: _2018-07-09_

Last save: 7/9/2018 2:01:54 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63080

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.04g
: AK/AP
Vial number: 103
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	8.57	0.266	1.08	11.72	19.202	6.69	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	23.78	0.505	8.13	88.28	267.607	93.31	0.
7	27.00	0.110	9.21	100.00	286.808	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 2:02:33 PM
Printed by: wet

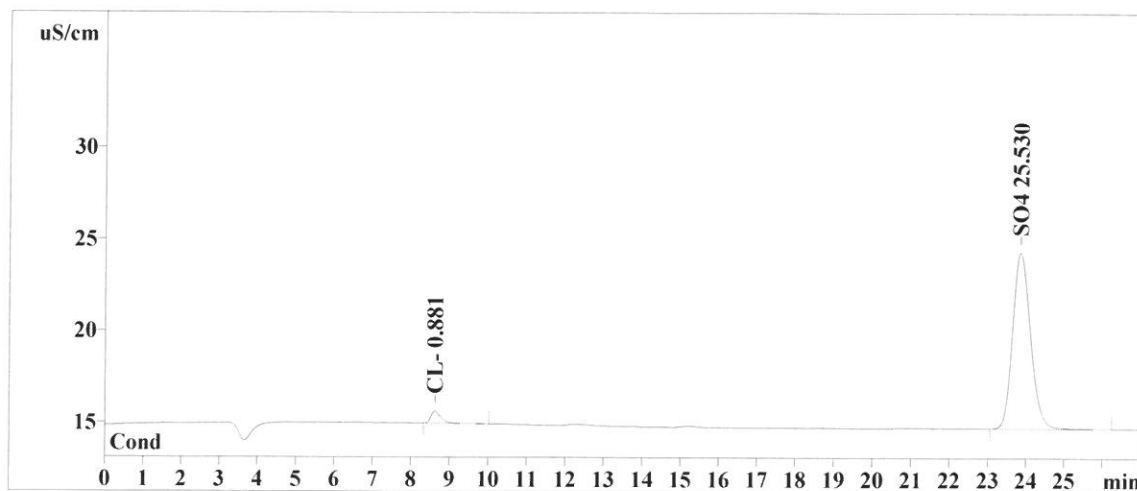
Ident: J3881-01DLX2
Analysis from: 7/9/2018 11:34:46 AM
File: _2018-07-09_

Last save: 7/9/2018 2:02:34 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63081

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.05g
: AK/AP
Vial number: 104
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	0.269	0.66	6.41	12.039	3.69	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	23.85	0.503	9.57	93.59	314.159	96.31	0.
7	27.00	0.110	10.23	100.00	326.198	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 2:03:03 PM
Printed by: wet

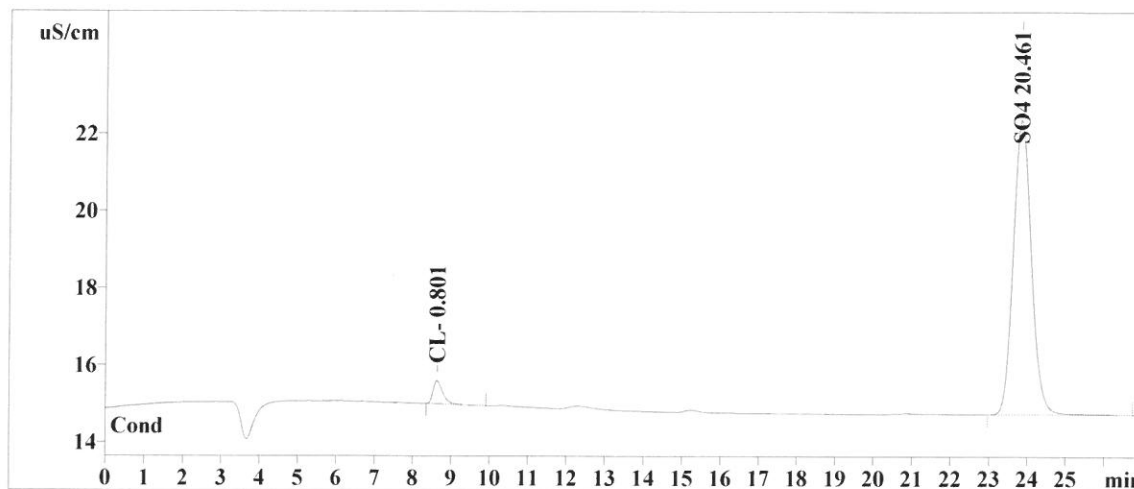
Ident: J3881-03DLX2
Analysis from: 7/9/2018 12:04:41 PM
File: _2018-07-09_

Last save: 7/9/2018 2:02:52 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63082

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.06g
: AK/AP
Vial number: 105
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	8.63	0.267	0.60	7.30	10.730	4.12	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	23.82	0.502	7.63	92.69	249.879	95.88	0.
7	27.00	0.110	8.23	99.99	260.608	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 2:03:28 PM
Printed by: wet

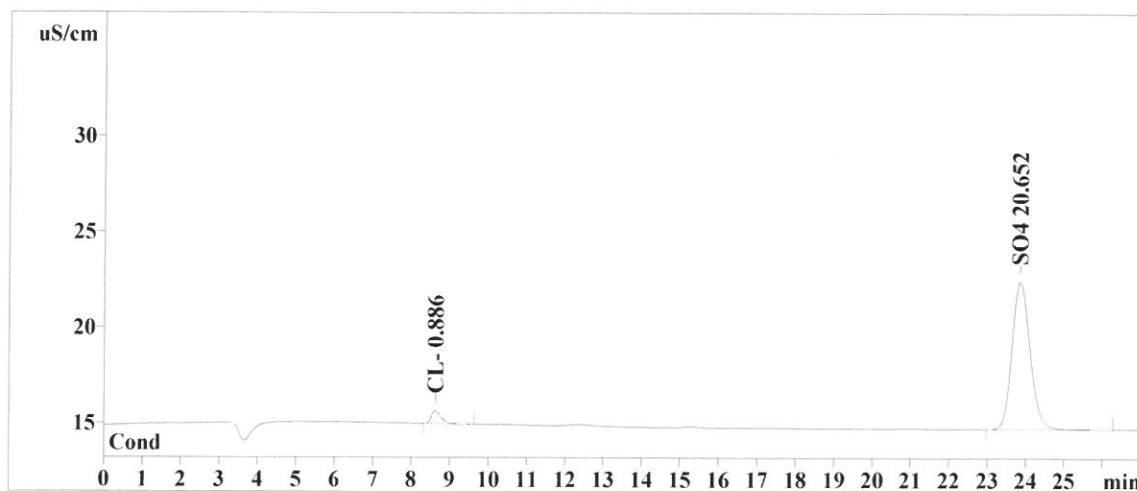
Ident: J3881-05DLX2
Analysis from: 7/9/2018 12:34:36 PM
File: _2018-07-09_

Last save: 7/9/2018 2:03:28 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63083

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.03g
: AK/AP
Vial number: 106
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	0.271	0.67	7.98	12.113	4.58	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	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	23.84	0.503	7.69	92.01	252.307	95.42	0.
7	27.00	0.111	8.36	99.99	264.420	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 2:04:04 PM
Printed by: wet

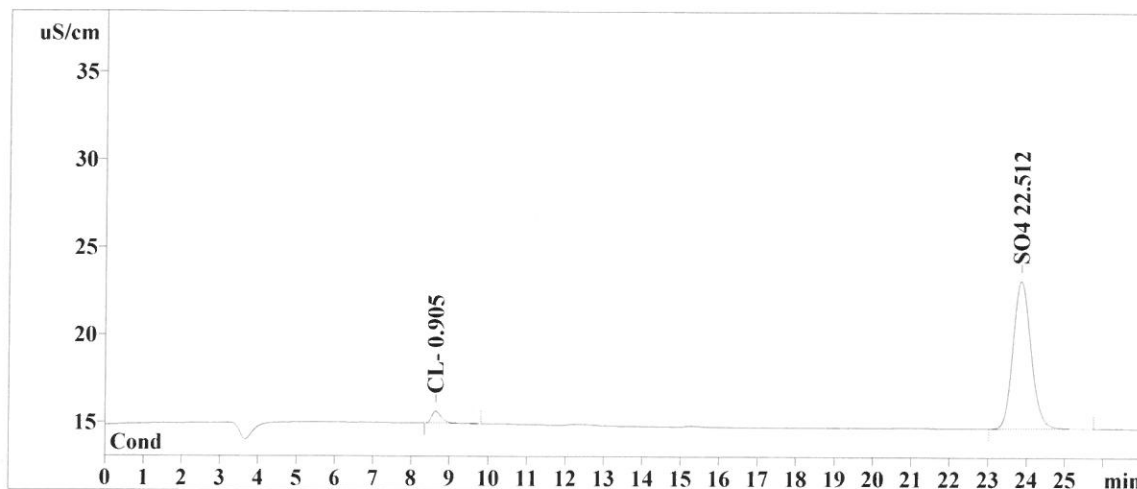
Ident: J3881-07DLX2
Analysis from: 7/9/2018 1:04:31 PM
File: _2018-07-09_

Last save: 7/9/2018 2:04:00 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63084

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.07g
: AK/AP
Vial number: 107
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	8.64	0.269	0.68	7.51	12.424	4.31	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	23.85	0.502	8.42	92.49	275.892	95.69	0.
7	27.00	0.110	9.10	99.99	288.316	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/9/2018 2:04:29 PM
 Printed by: wet

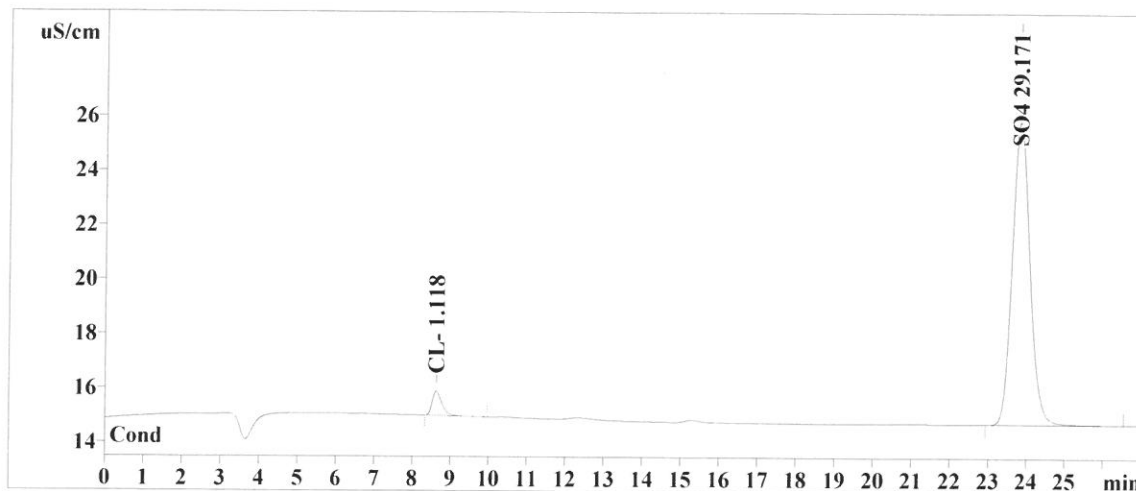
Ident: J3881-09DLX2
 Analysis from: 7/9/2018 1:34:27 PM
 File: _2018-07-09_

Last save: 7/9/2018 2:04:28 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 63085

Last save: 6/15/2018 8:48:46 AM

SAMPLE: 5.05g
 : AK/AP
 Vial number: 108
 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	0.268	0.89	7.39	15.880	4.22	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	23.81	0.495	11.12	92.61	360.328	95.78	0.
7	27.00	0.109	12.01	100.00	376.208	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/10/2018 8:30:22 AM
Printed by: wet

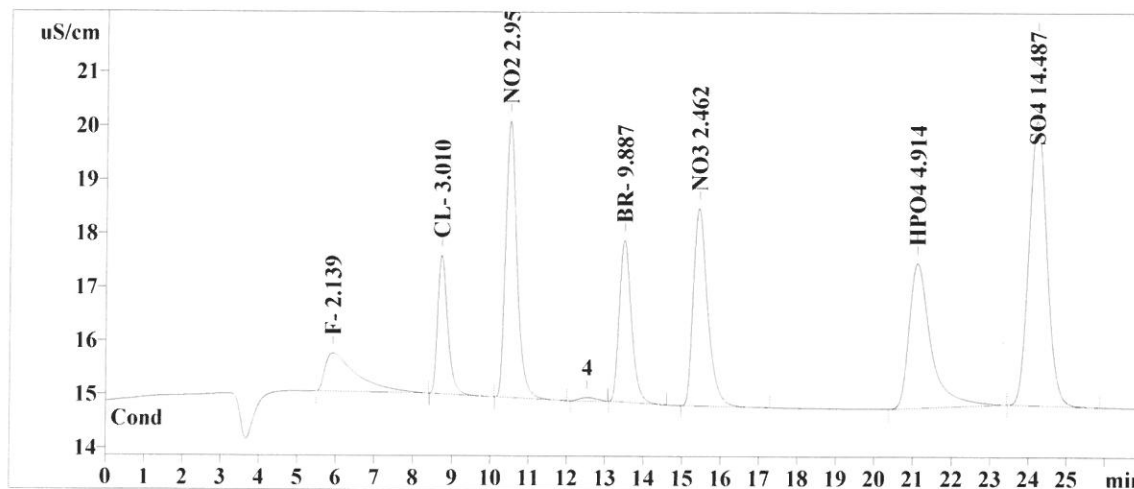
Ident: CCV
Analysis from: 7/9/2018 2:04:22 PM
File: _2018-07-09_

Last save: 7/9/2018 2:31:12 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63086

Last save: 6/15/2018 8:48:46 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	5.93	0.788	0.71	3.08	40.245	6.31	0.
2	8.72	0.270	2.58	11.11	46.585	7.30	0.
3	10.49	0.308	5.15	22.20	105.959	16.61	0.
4	13.48	0.343	3.01	12.99	67.551	10.59	0.
5	15.42	0.389	3.68	15.87	95.165	14.92	0.
6	21.10	0.545	2.69	11.63	106.296	16.66	0.
7	24.19	0.509	5.29	22.82	174.135	27.29	0.
7	27.00	0.450	23.11	99.71	635.937	99.68	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/10/2018 8:30:32 AM
Printed by: wet

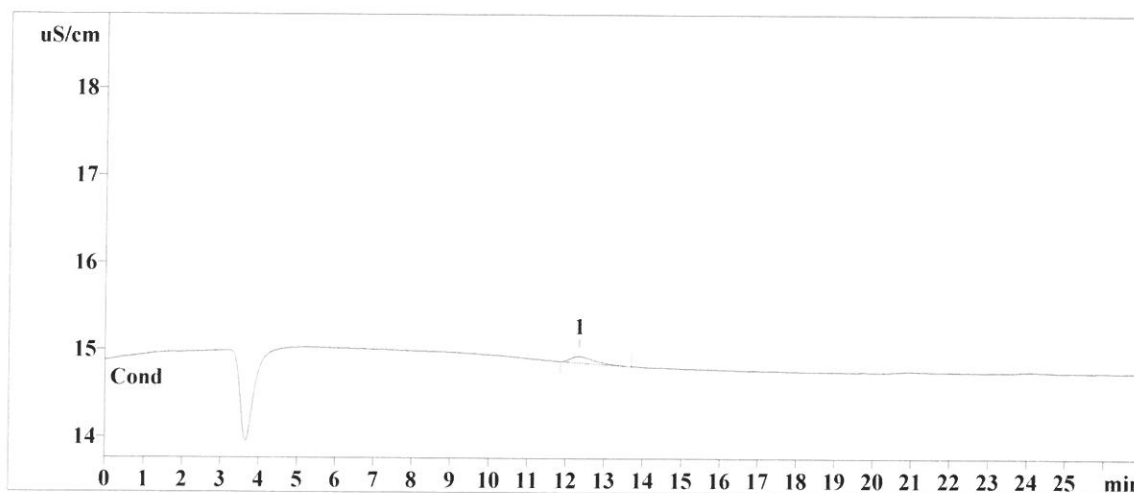
Ident: CCB
Analysis from: 7/9/2018 2:34:17 PM
File: _2018-07-09_

Last save: 7/9/2018 3:01:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 63087

Last save: 6/15/2018 8:48:46 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	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD