

Te-1 3000

7-5-18 AK

Clear table

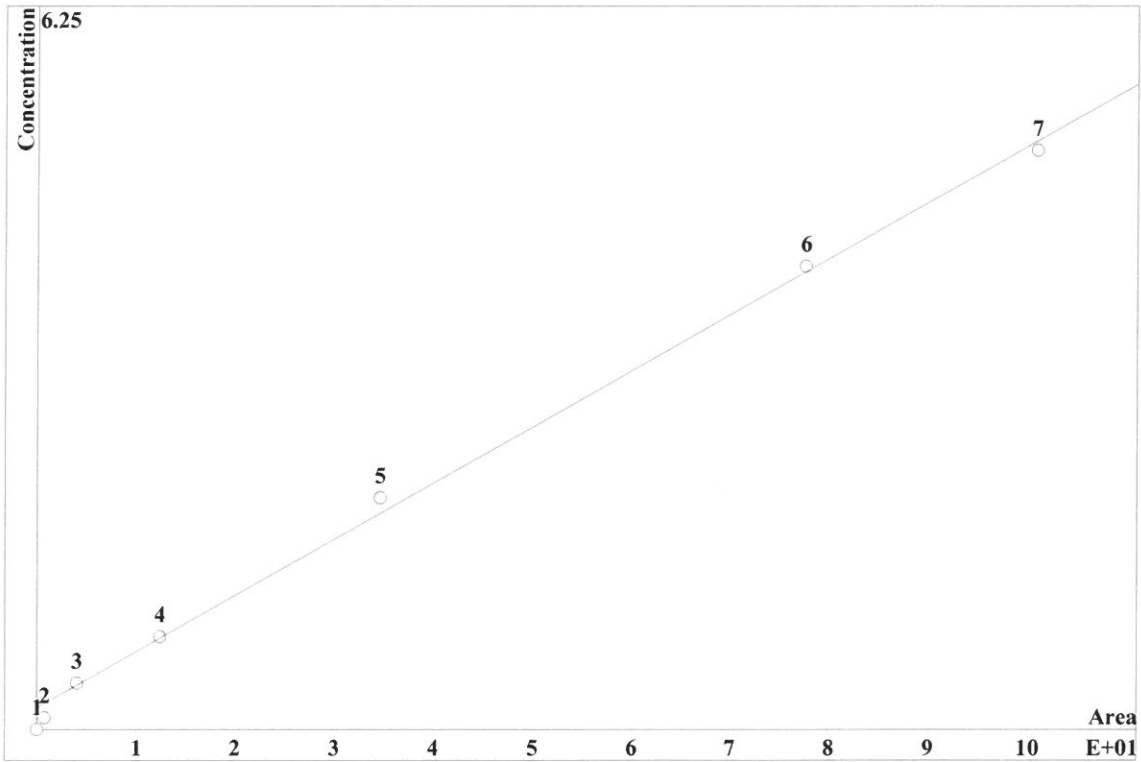
ident	concentrati on F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-11_	6/11/18 10:31
STD2	0.2020	0.2150	0.2270	0.7220	0.1760	0.0310	1.2780	_2018-06-11_	6/11/18 11:01
STD3	0.3660	0.6030	0.6210	2.0150	0.4940	1.0630	3.1400	_2018-06-11_	6/11/18 11:31
STD4	0.7860	1.1940	1.1700	3.8780	0.9640	2.1840	5.8600	_2018-06-11_	6/11/18 12:01
STD5	1.8970	2.8840	2.8680	9.7480	2.4710	5.0370	14.0380	_2018-06-11_	6/11/18 12:31
STD6	4.0490	6.0540	6.0630	20.1360	5.0200	9.9350	30.4340	_2018-06-11_	6/11/18 13:01
STD7	5.0830	7.6860	7.7060	25.4150	6.3680	12.6690	37.9200	_2018-06-11_	6/11/18 13:31
ICV	2.1340	2.8660	2.8280	9.5020	2.4350	5.3050	15.4210	_2018-06-11_	6/11/18 15:04
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-11_	6/11/18 15:33
CCV	2.0620	2.9510	2.8960	9.6870	2.3620	5.1870	14.3810	_2018-06-29_	6/29/18 10:47
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-29_	6/29/18 11:22
LB96362BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-29_	6/29/18 11:52
LB96362BSW	2.1880	2.8230	2.7760	9.2850	2.3140	5.5090	14.0530	_2018-06-29_	6/29/18 12:58
J3787-02	0.0000	0.6490	0.0000	0.0000	0.0000	0.0000	1.4540	_2018-06-29_	6/29/18 13:28
J3787-03	0.0000	0.5080	0.0000	0.0000	0.2720	0.0000	3.4700	_2018-06-29_	6/29/18 13:58
J3783-01	0.3890	4.9160	1.1190	0.0000	0.0000	1.8300	2677.4570	_2018-06-29_	6/29/18 14:28
J3783-02	0.3070	3.0020	0.0000	0.0000	0.1690	2.2300	234.3860	_2018-06-29_	6/29/18 14:58
J3780-01	0.0000	0.3750	0.0000	0.0000	0.1650	0.0000	1.1450	_2018-06-29_	6/29/18 15:28
J3780-01DUP	0.0000	0.3130	0.0000	0.0000	0.1630	0.0000	1.1220	_2018-06-29_	6/29/18 15:58
J3780-01MS	2.0710	3.0680	2.8370	9.4860	2.4310	5.1160	15.2170	_2018-06-29_	6/29/18 16:28
J3780-01MSD	2.1130	3.0840	2.8810	9.7900	2.4020	5.1370	15.1220	_2018-06-29_	6/29/18 16:58
CCV	2.1230	2.9300	2.8870	9.8600	2.4550	5.3010	14.5340	_2018-06-29_	6/29/18 17:27
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-29_	6/29/18 17:57
J3794-01	0.2500	0.2790	0.0000	0.0000	0.1670	0.0000	0.8490	_2018-06-29_	6/29/18 18:27
J3783-01DLX100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20.7430	_2018-06-29_	6/29/18 18:57
J3783-02DLX10	0.0000	0.4790	0.0000	0.0000	0.0000	0.0570	18.2850	_2018-06-29_	6/29/18 19:27
CCV	2.1000	2.9440	2.8900	9.8540	2.4560	5.3560	14.6330	_2018-06-29_	6/29/18 19:57
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2018-06-29_	6/29/18 20:27

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:

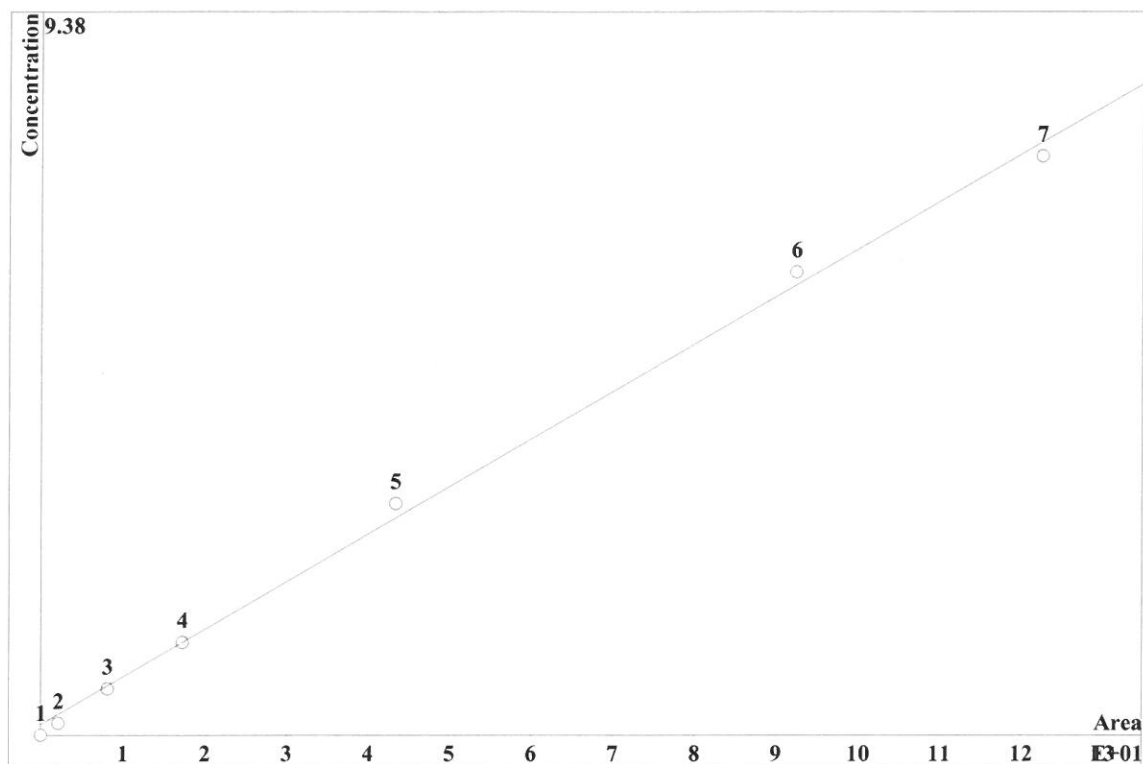
Formula: Linear

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:

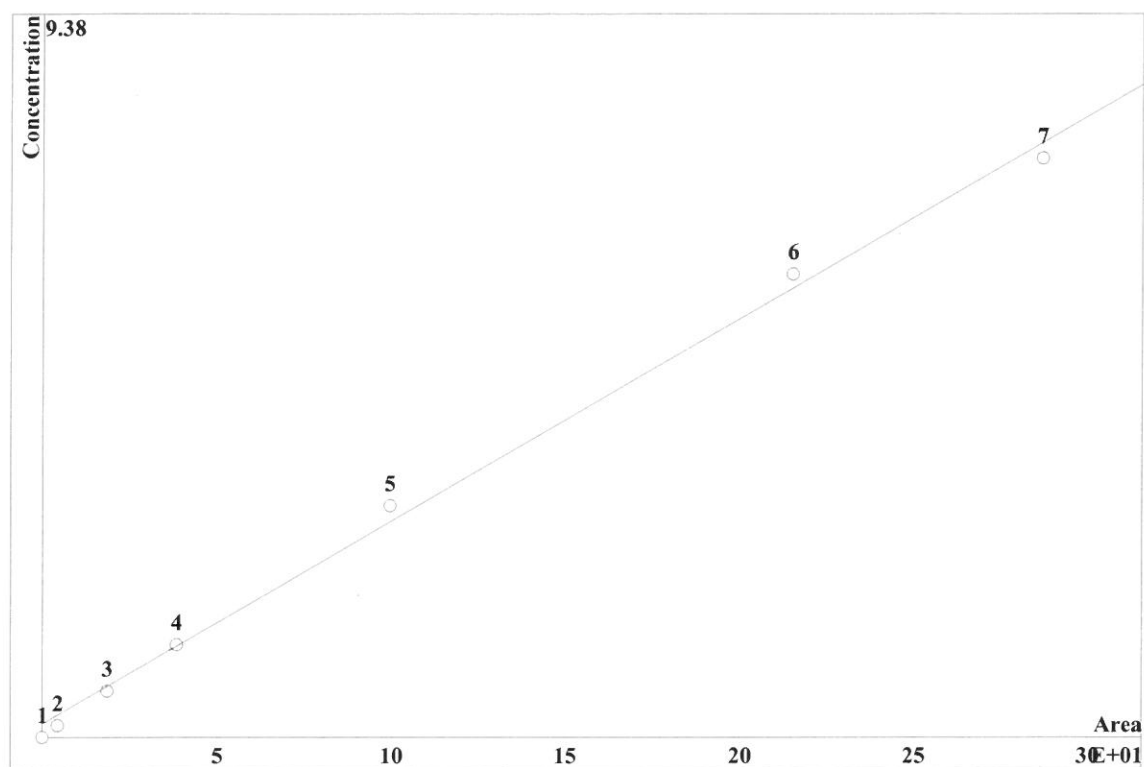
Formula: Linear

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:

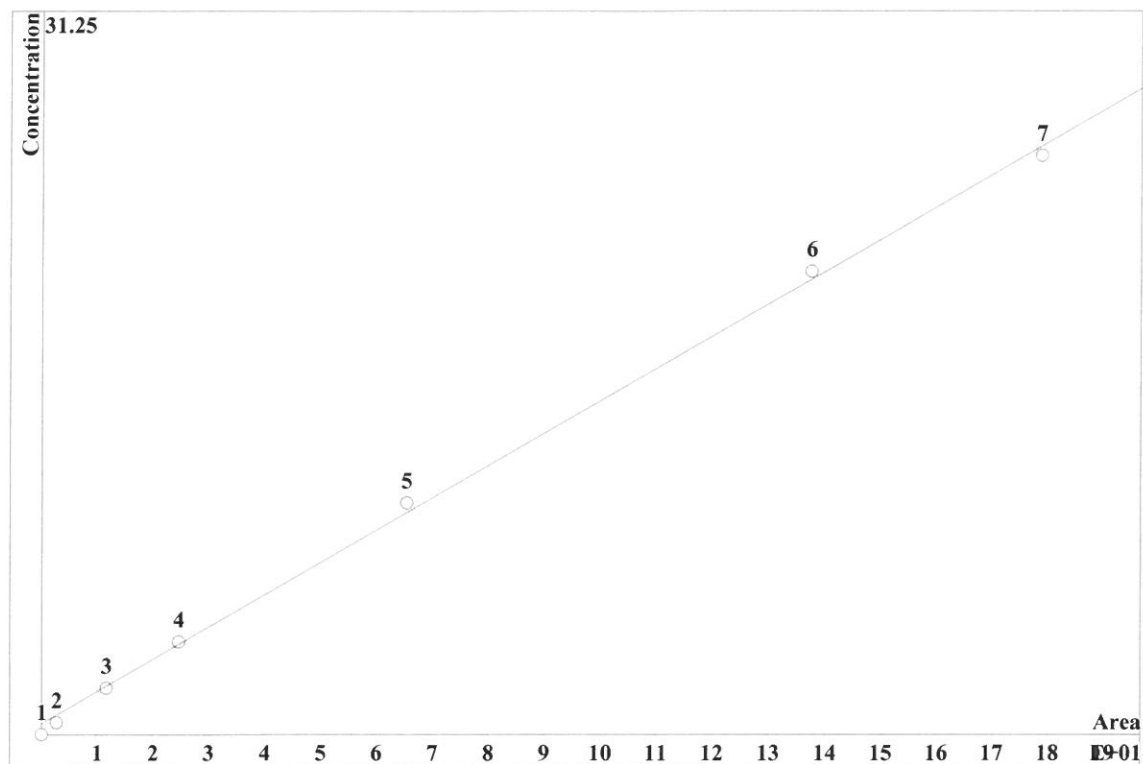
Formula: Linear

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:

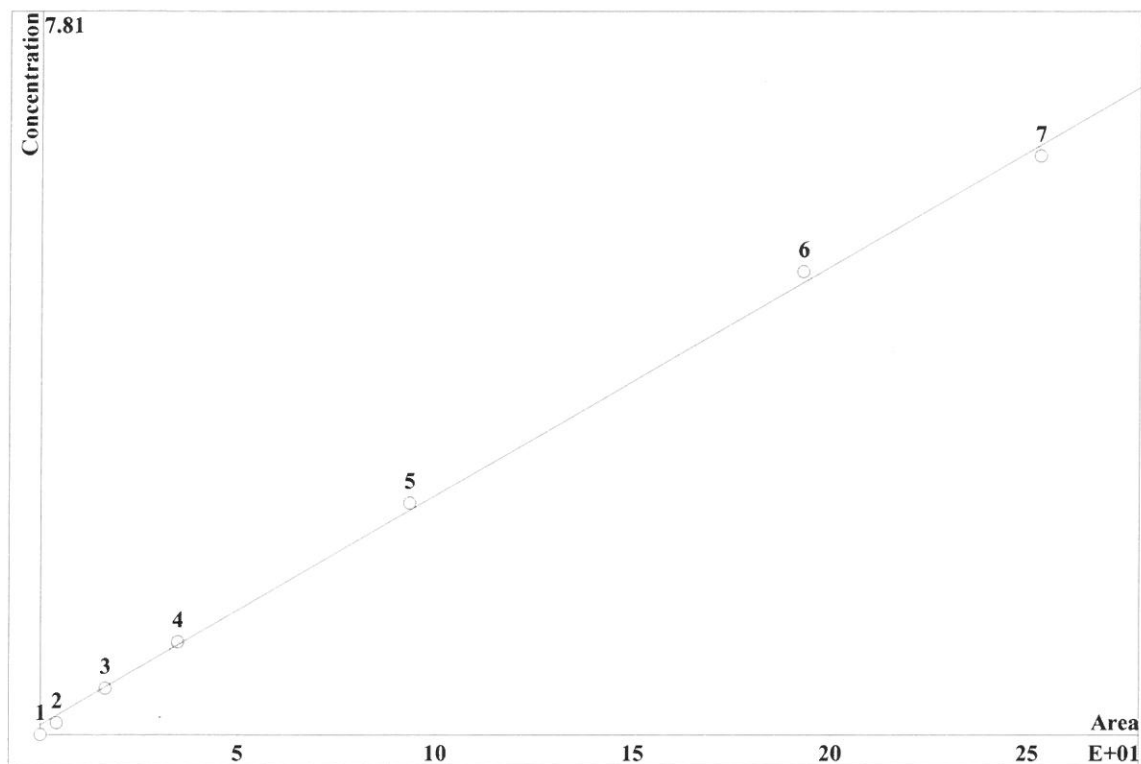
Formula: Linear

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:

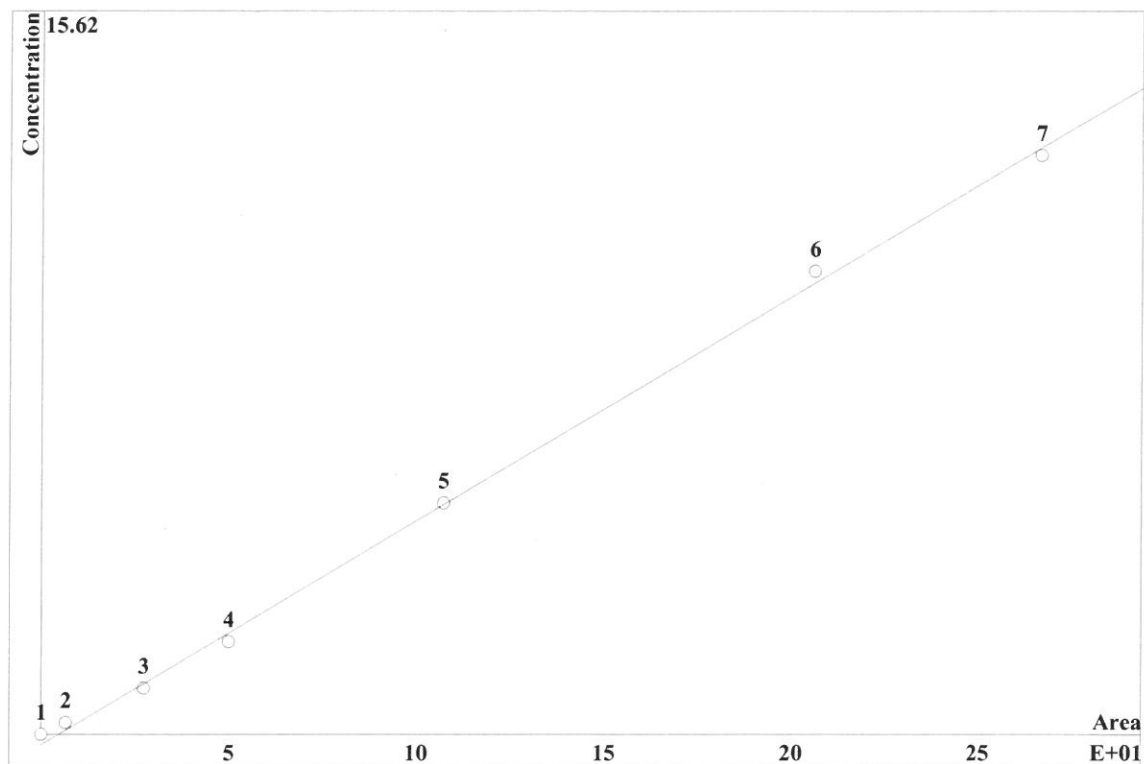
Formula: Linear

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:

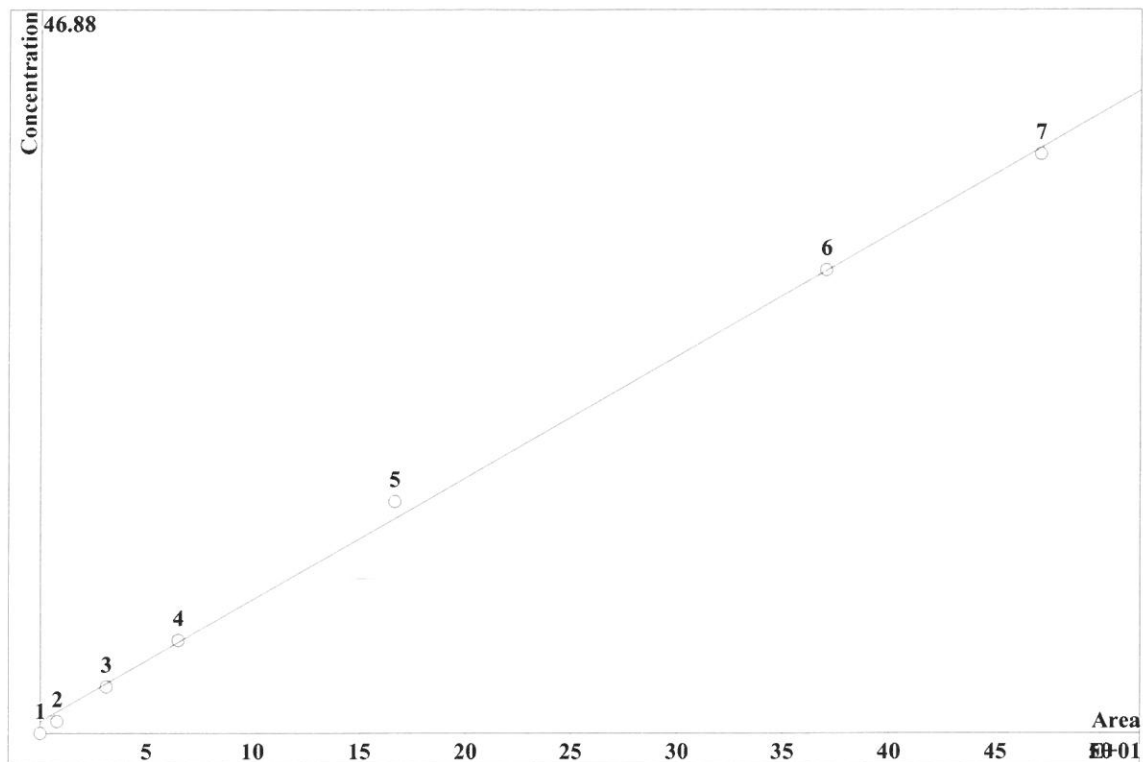
Formula: Linear

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			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

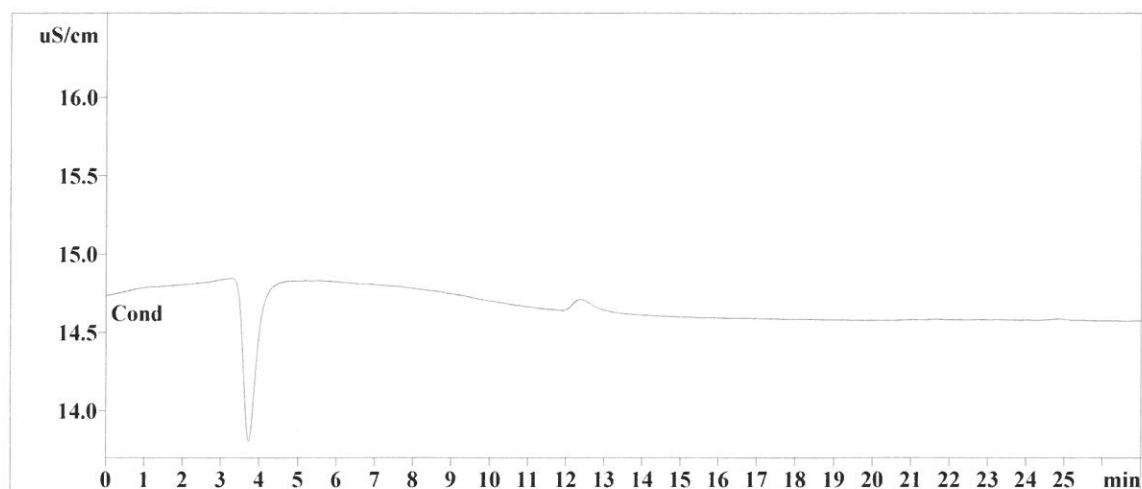
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Analysis from: 6/11/2018 10:31:49 AM
File: _2018-06-11_

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

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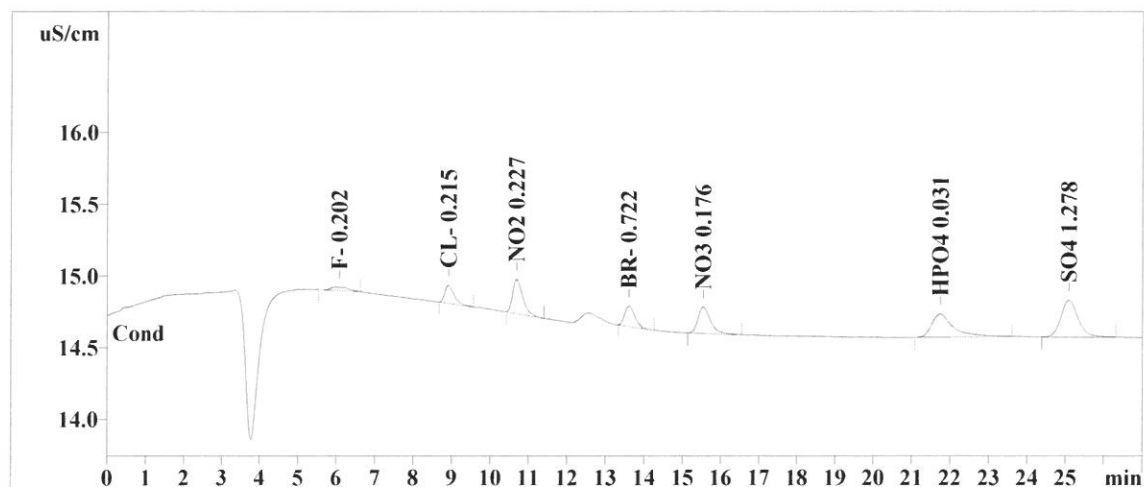
Report date: 6/12/2018 10:59:35 AM
Printed by: wet

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

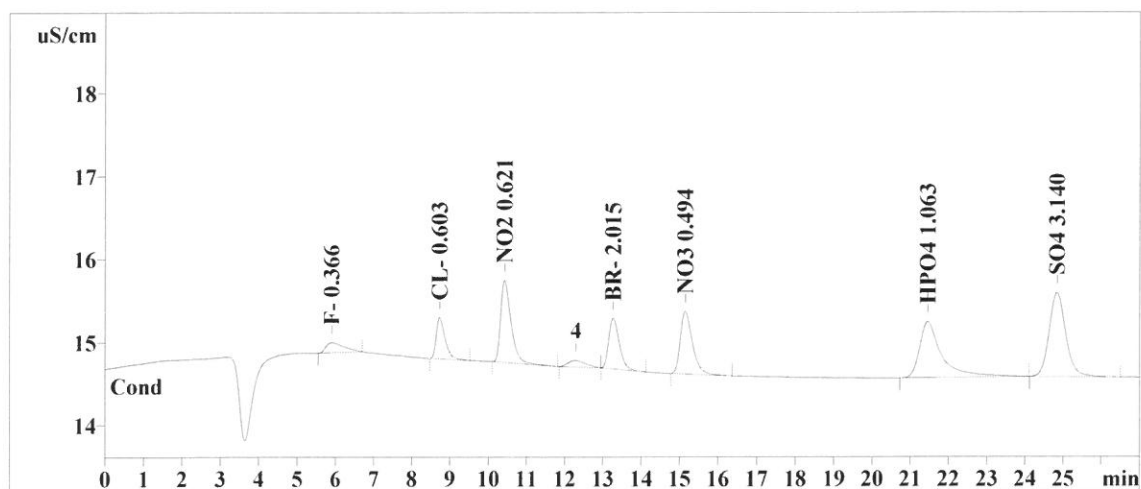
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Analysis from: 6/11/2018 11:31:39 AM
File: _2018-06-11_

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

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

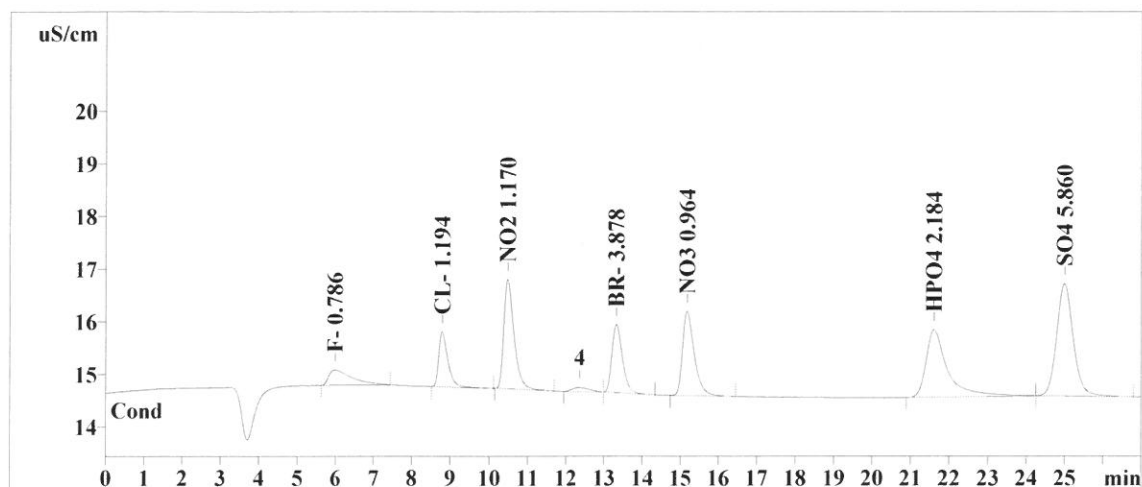
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 File: _2018-06-11_

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

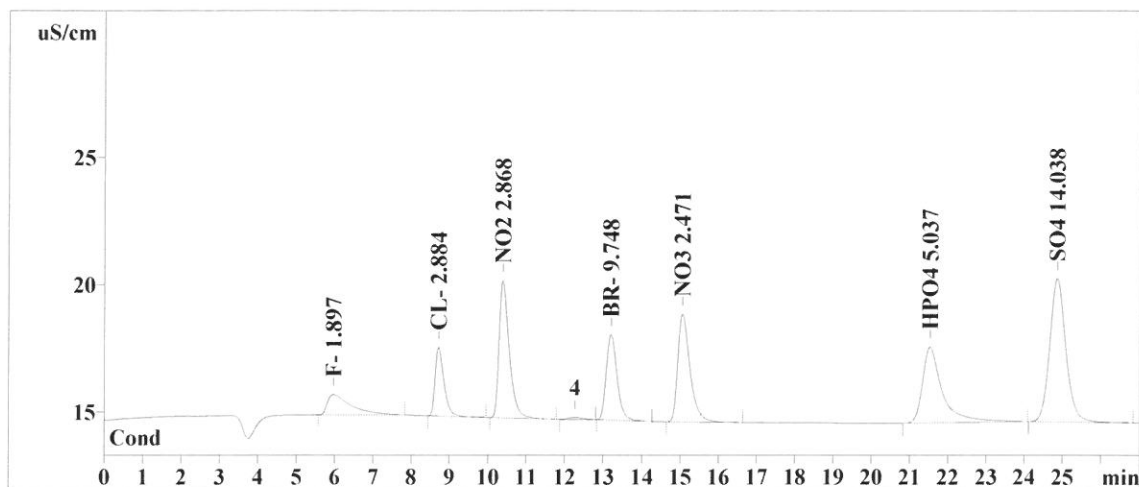
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 File: _2018-06-11_

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.

This report has been created by IC Net
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Report date: 6/12/2018 11:00:10 AM
 Printed by: wet

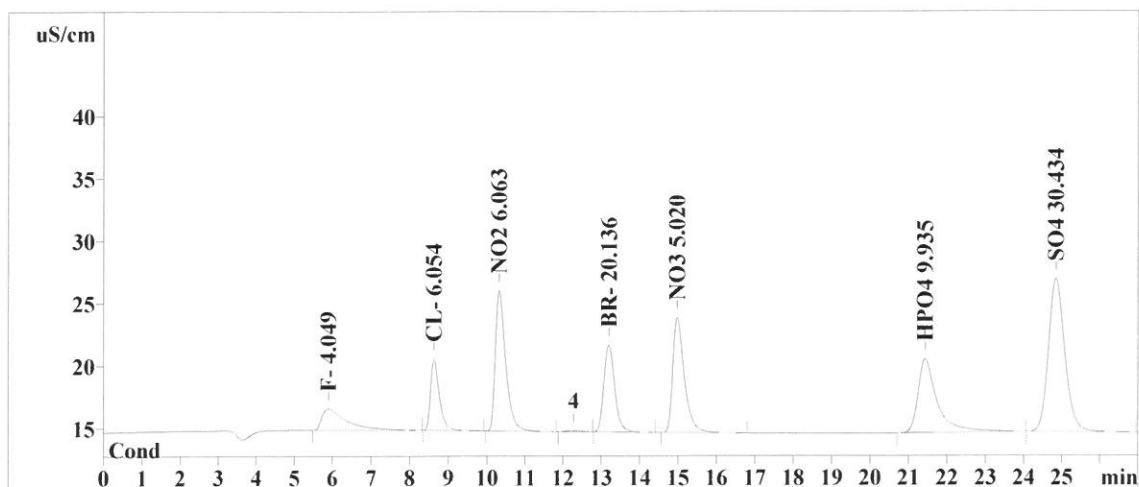
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 Analysis from: 6/11/2018 1:01:24 PM
 File: _2018-06-11_

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

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

This report has been created by IC Net
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Report date: 6/12/2018 11:00:19 AM
Printed by: wet

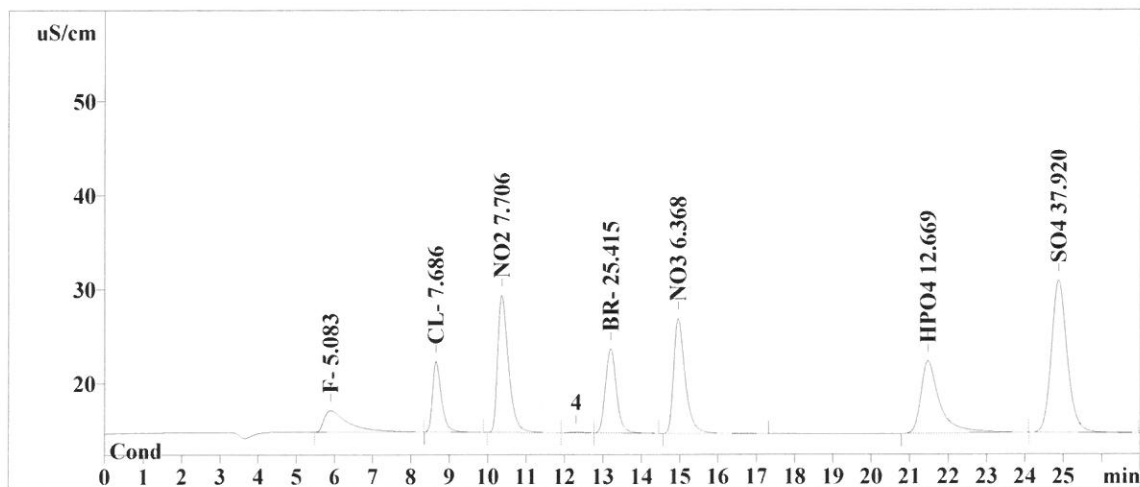
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File: _2018-06-11_

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

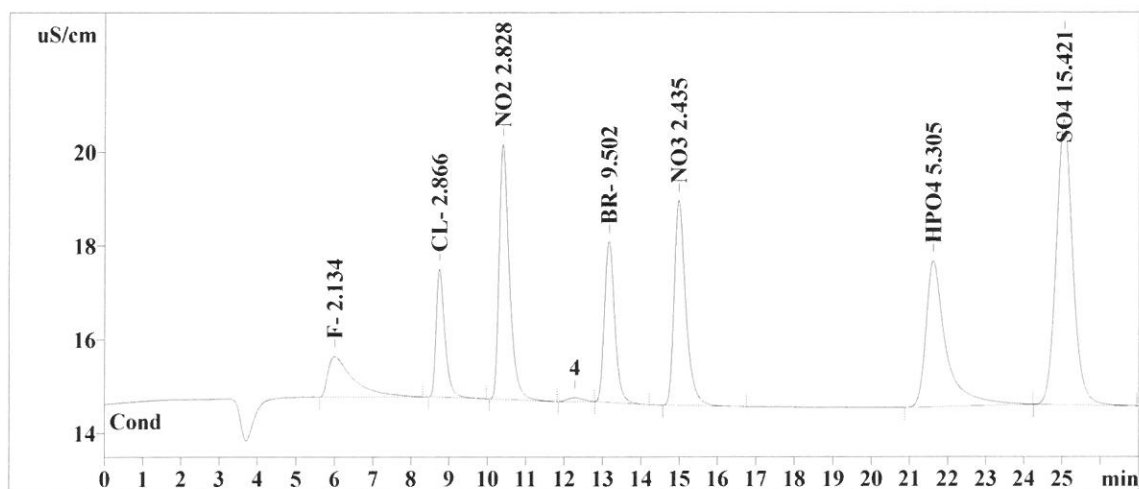
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 File: _2018-06-11_

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

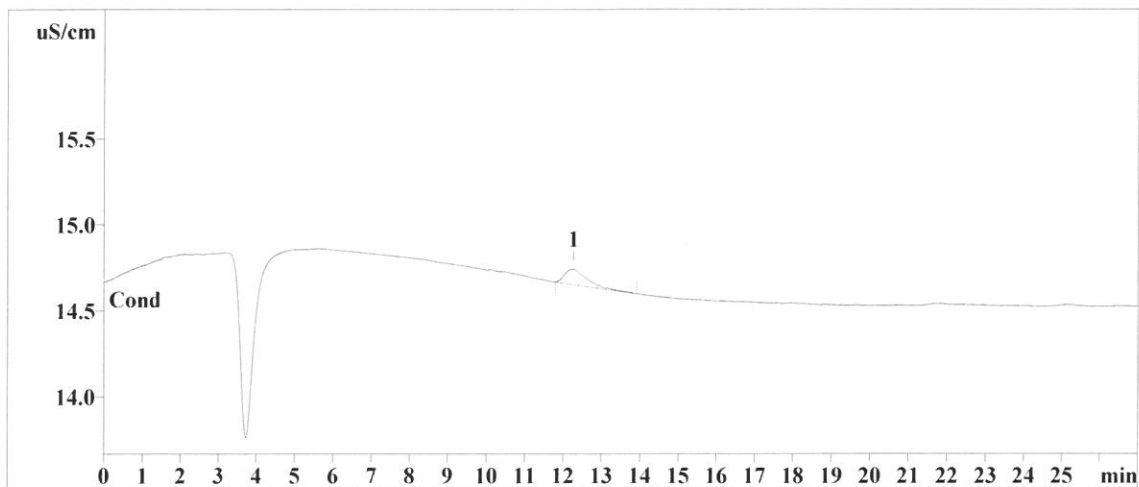
Ident: ICB
Analysis from: 6/11/2018 3:33:57 PM
File: _2018-06-11_

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 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	27.00	0.000	0.00	0.00	0.000	0.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/3/2018 3:35:59 PM
Printed by: wet

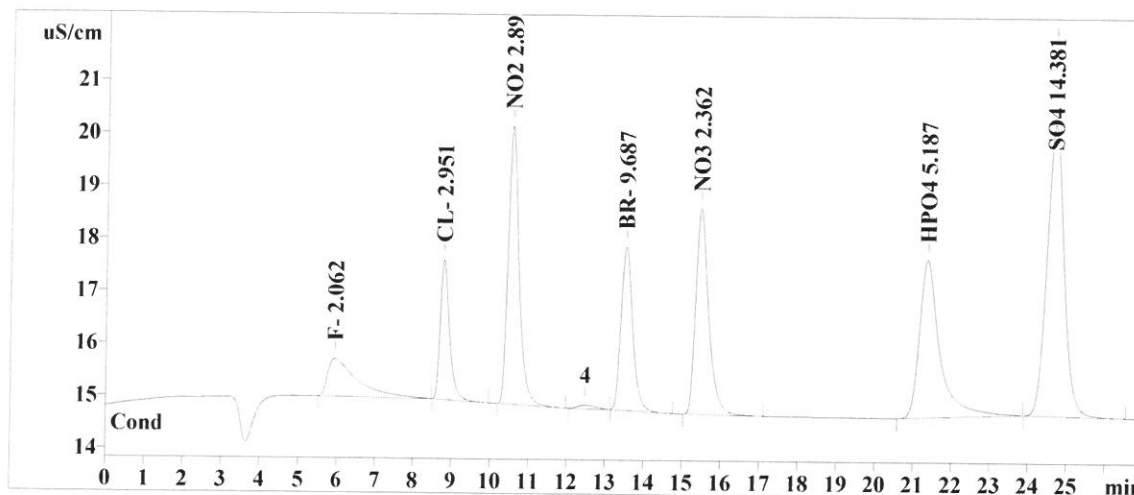
Ident: CCV
Analysis from: 6/29/2018 10:47:44 AM
File: _2018-06-29_

Last save: 6/29/2018 11:14:34 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62924

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	5.95	0.735	0.72	2.97	38.657	6.11	0.
2	8.78	0.255	2.66	10.94	45.631	7.22	0.
3	10.54	0.290	5.29	21.76	103.636	16.39	0.
4	13.52	0.322	3.11	12.81	66.117	10.46	0.
5	15.46	0.345	3.91	16.08	91.159	14.42	0.
6	21.35	0.499	3.00	12.33	111.949	17.71	0.
7	24.66	0.474	5.54	22.80	172.793	27.33	0.
7	27.00	0.417	24.22	99.69	629.942	99.63	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/3/2018 3:35:50 PM
Printed by: wet

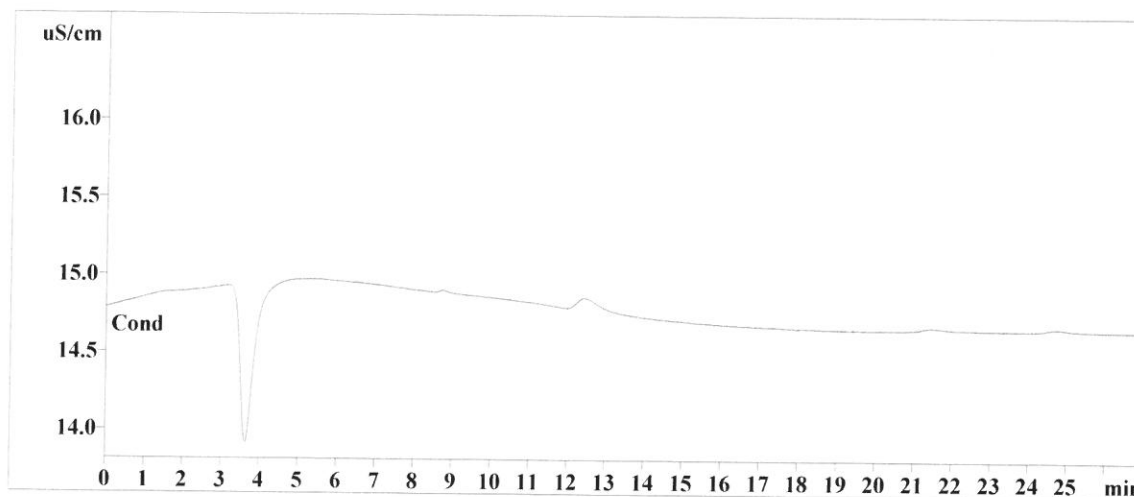
Ident: CCB
Analysis from: 6/29/2018 11:22:11 AM
File: _2018-06-29_

Last save: 7/3/2018 3:35:46 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62925

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

SAMPLE:
:
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: 7/3/2018 3:49:47 PM
Printed by: wet

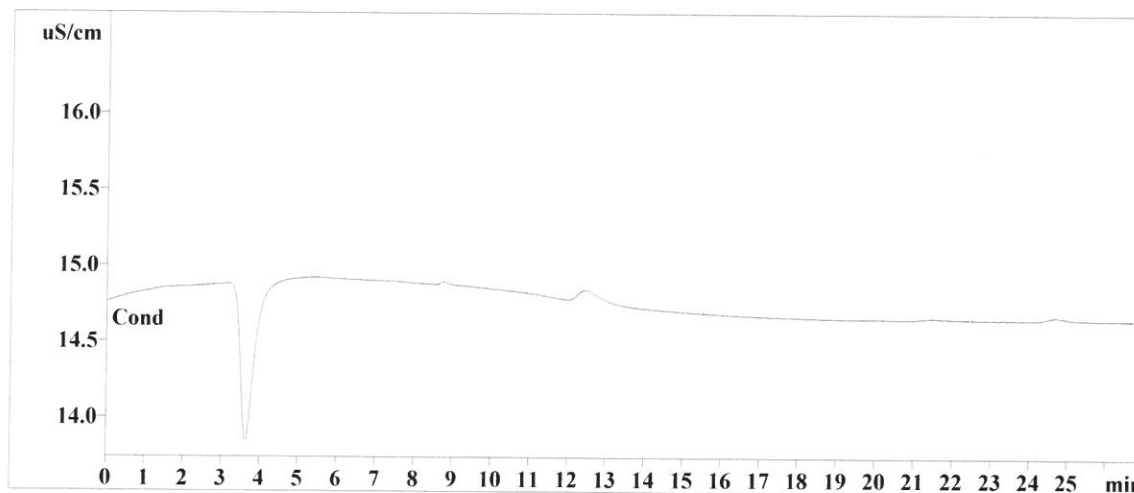
Ident: LB96362BLW
Analysis from: 6/29/2018 11:52:07 AM
File: _2018-06-29_

Last save: 7/3/2018 3:49:38 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62926

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

SAMPLE:
:
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: 7/3/2018 3:49:54 PM
 Printed by: wet

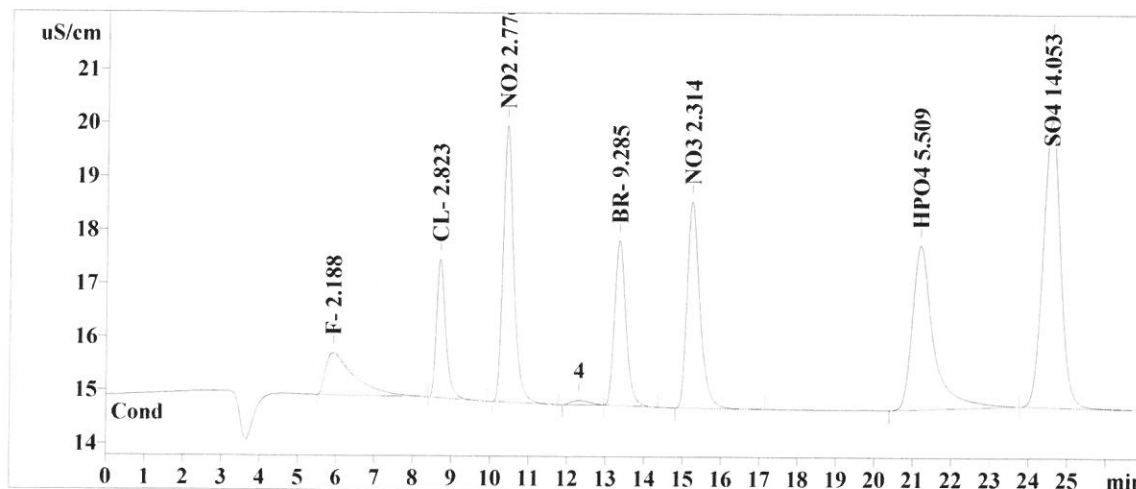
Ident: LB96362BSW
 Analysis from: 6/29/2018 12:58:37 PM
 File: _2018-06-29_

Last save: 7/3/2018 3:49:40 PM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62931

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

SAMPLE:
 : AK/AP
 Vial number: 59
 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	0.79	3.28	41.239	6.58	0.
2	8.69	0.250	2.60	10.81	43.547	6.95	0.
3	10.41	0.284	5.17	21.51	99.098	15.82	0.
4	13.33	0.311	3.08	12.83	63.232	10.10	0.
5	15.22	0.342	3.86	16.08	89.211	14.24	0.
6	21.18	0.516	3.07	12.79	118.599	18.94	0.
7	24.55	0.480	5.36	22.33	168.624	26.92	0.
7	27.00	0.416	23.92	99.64	623.551	99.56	0.

This report has been created by IC Net
 METROHM LTD

Report date: 7/3/2018 3:53:04 PM
Printed by: wet

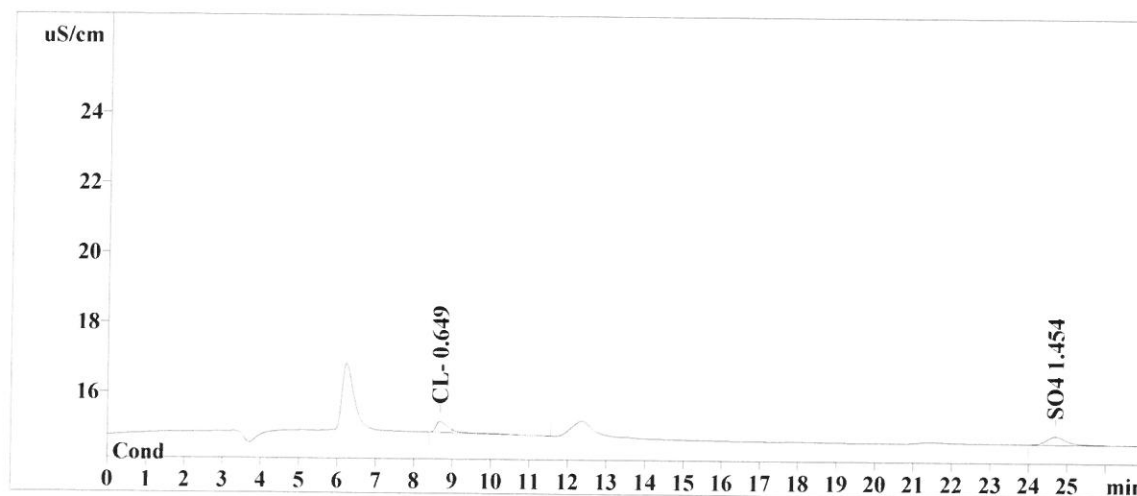
Ident: J3787-02
Analysis from: 6/29/2018 1:28:33 PM
File: _2018-06-29_

Last save: 7/3/2018 3:53:02 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62932

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

SAMPLE:
: AK/AP
Vial number: 43
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	0.337	0.31	57.17	8.262	48.24	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	24.69	0.535	0.23	42.59	8.867	51.76	0.
7	27.00	0.125	0.54	99.76	17.129	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/3/2018 3:52:10 PM
Printed by: wet

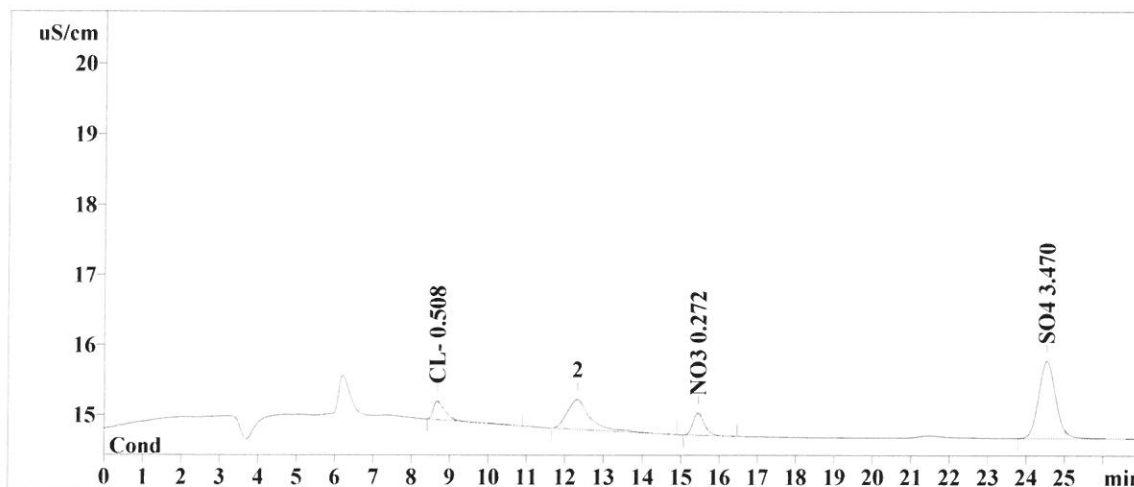
Ident: J3787-03
Analysis from: 6/29/2018 1:58:28 PM
File: _2018-06-29_

Last save: 7/3/2018 3:52:06 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62933

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

SAMPLE:
: AK/AP
Vial number: 44
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	0.323	0.26	12.48	5.974	9.21	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	15.44	0.317	0.32	15.01	6.700	10.33	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.53	0.471	1.10	52.18	34.435	53.07	0.
7	27.00	0.159	1.68	79.67	47.110	72.60	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:31:13 AM
Printed by: wet

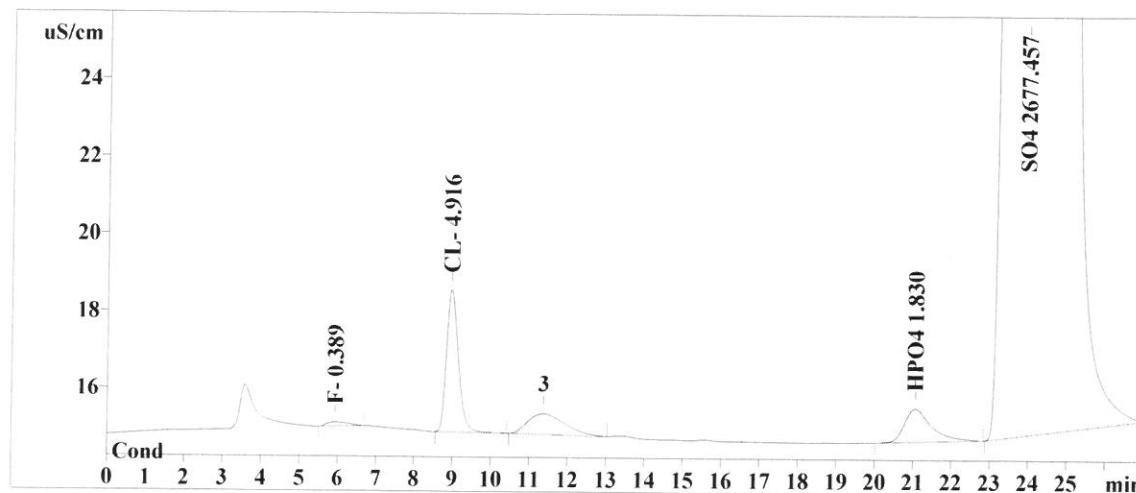
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Analysis from: 6/29/2018 2:28:24 PM
File: _2018-06-29_

Last save: 7/5/2018 8:31:14 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62934

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

SAMPLE:
: AK/AP
Vial number: 41
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	0.54	0.10	35.975	0.11	0.
2	5.92	0.639	0.11	0.02	4.151	0.01	0.
3	8.95	0.318	3.68	0.71	77.512	0.23	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	21.05	0.701	0.86	0.17	42.525	0.12	0.
7	23.95	1.080	509.41	98.99	33940.655	99.53	0.
7	27.00	0.391	514.59	100.00	34100.817	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:31:32 AM
Printed by: wet

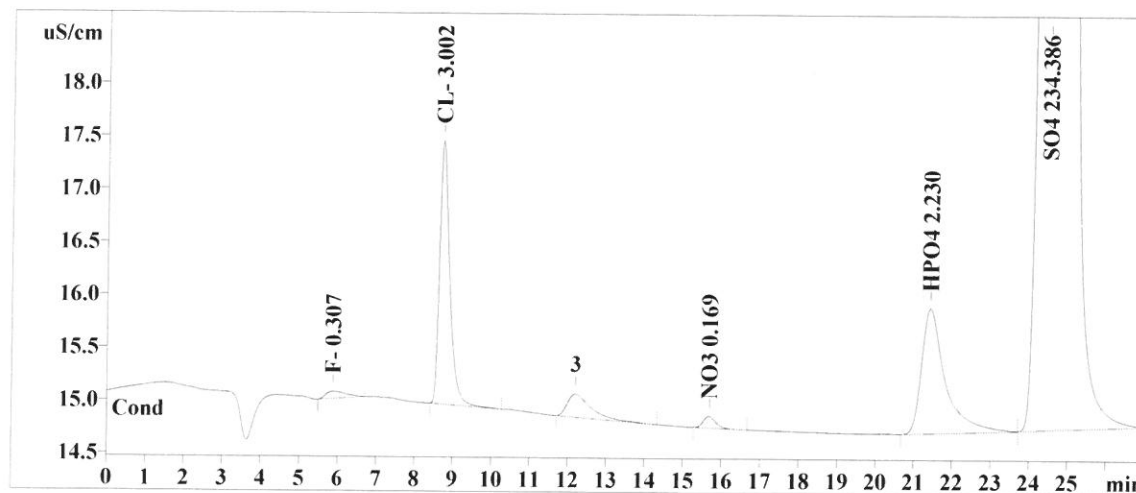
Ident: J3783-02
Analysis from: 6/29/2018 2:58:19 PM
File: _2018-06-29_

Last save: 6/29/2018 3:25:08 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62935

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

SAMPLE:
: AK/AP
Vial number: 42
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	0.588	0.07	0.07	2.462	0.08	0.
2	8.72	0.278	2.49	2.52	46.449	1.51	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	15.68	0.344	0.11	0.11	2.514	0.08	0.
6	21.42	0.570	1.18	1.20	50.792	1.65	0.
7	24.50	0.476	94.80	95.88	2962.456	96.36	0.
7	27.00	0.322	98.65	99.77	3064.674	99.68	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:32:34 AM
Printed by: wet

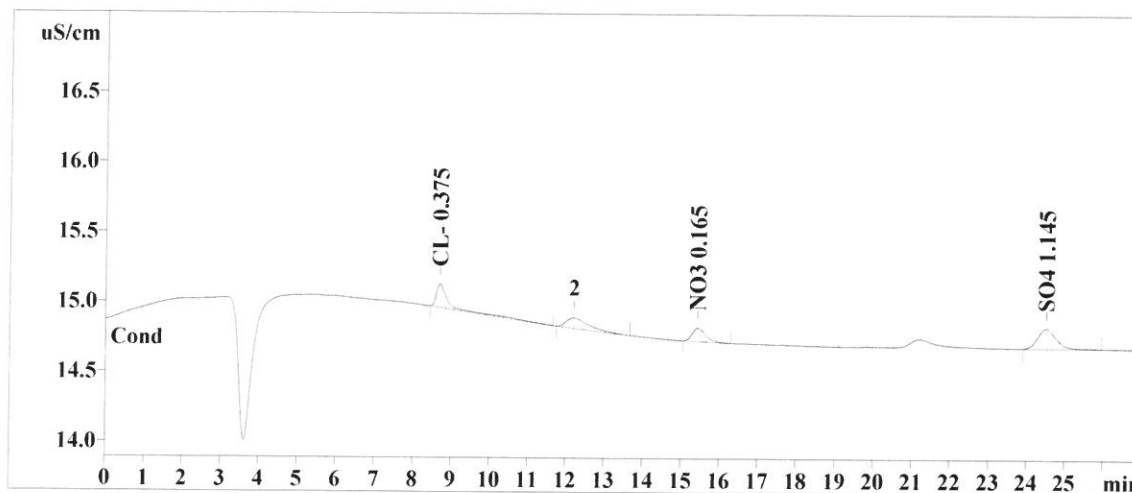
Ident: J3780-01
Analysis from: 6/29/2018 3:28:15 PM
File: _2018-06-29_

Last save: 7/5/2018 8:32:28 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62936

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

SAMPLE:
: AK/AP
Vial number: 37
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	0.262	0.17	34.55	3.829	26.89	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	0.365	0.10	19.78	2.345	16.46	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.51	0.509	0.14	29.74	4.956	34.80	0.
7	27.00	0.162	0.41	84.08	11.130	78.14	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:32:43 AM
Printed by: wet

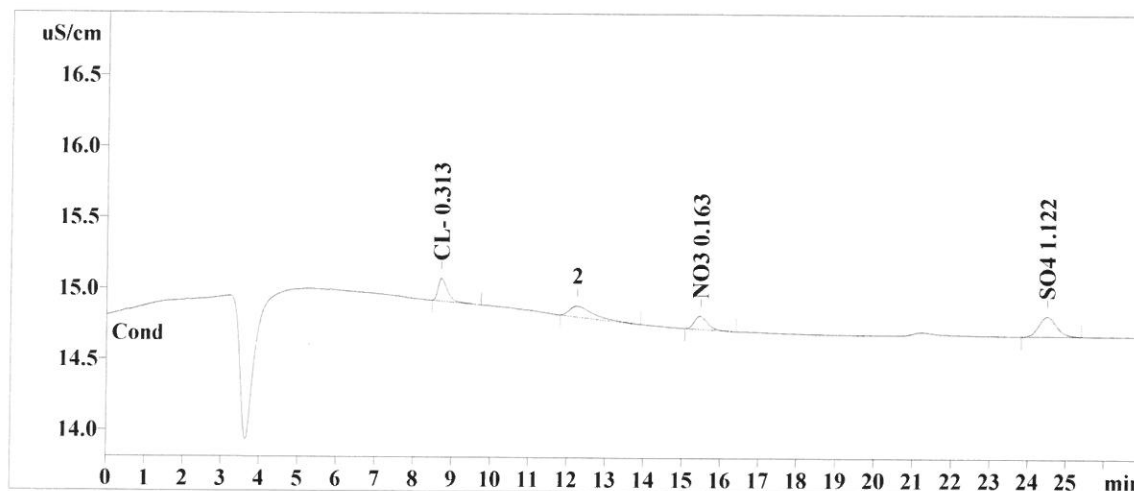
Ident: J3780-01DUP
Analysis from: 6/29/2018 3:58:10 PM
File: _2018-06-29_

Last save: 6/29/2018 4:25:00 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62937

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

SAMPLE:
: AK/AP
Vial number: 38
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.71	0.254	0.16	33.86	2.813	21.51	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	15.46	0.364	0.09	19.72	2.273	17.39	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.49	0.499	0.14	29.84	4.661	35.65	0.
7	27.00	0.160	0.40	83.42	9.746	74.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:32:51 AM
Printed by: wet

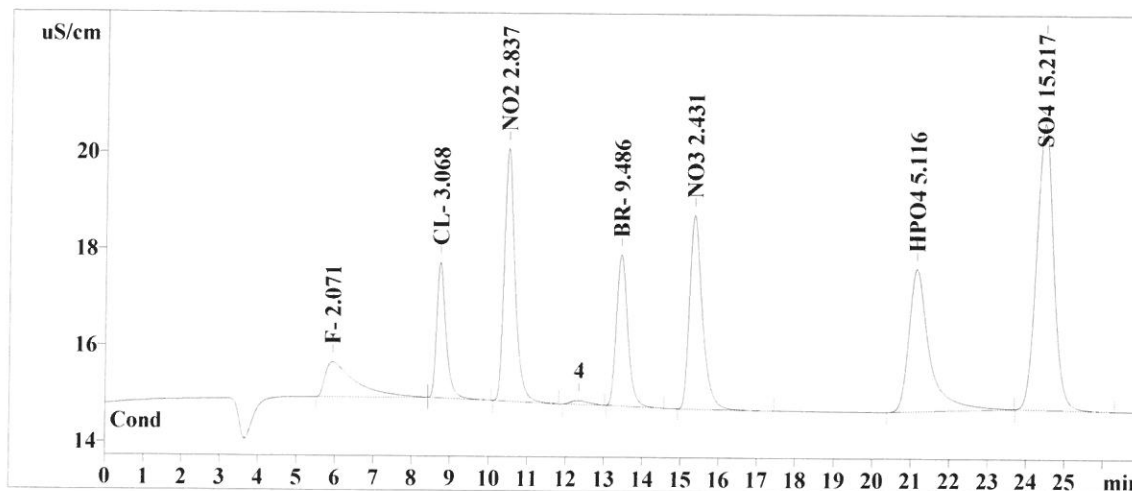
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Analysis from: 6/29/2018 4:28:06 PM
File: _2018-06-29_

Last save: 6/29/2018 4:54:56 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62938

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

SAMPLE:
: AK/AP
Vial number: 39
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	0.741	0.72	2.91	38.837	6.04	0.
2	8.72	0.250	2.80	11.27	47.526	7.39	0.
3	10.47	0.287	5.23	21.04	101.407	15.77	0.
4	13.42	0.312	3.13	12.60	64.675	10.06	0.
5	15.34	0.345	4.01	16.15	93.912	14.61	0.
6	21.13	0.500	2.95	11.86	110.471	17.18	0.
7	24.44	0.471	5.92	23.83	183.390	28.52	0.
7	27.00	0.415	24.75	99.65	640.219	99.57	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:33:00 AM
Printed by: wet

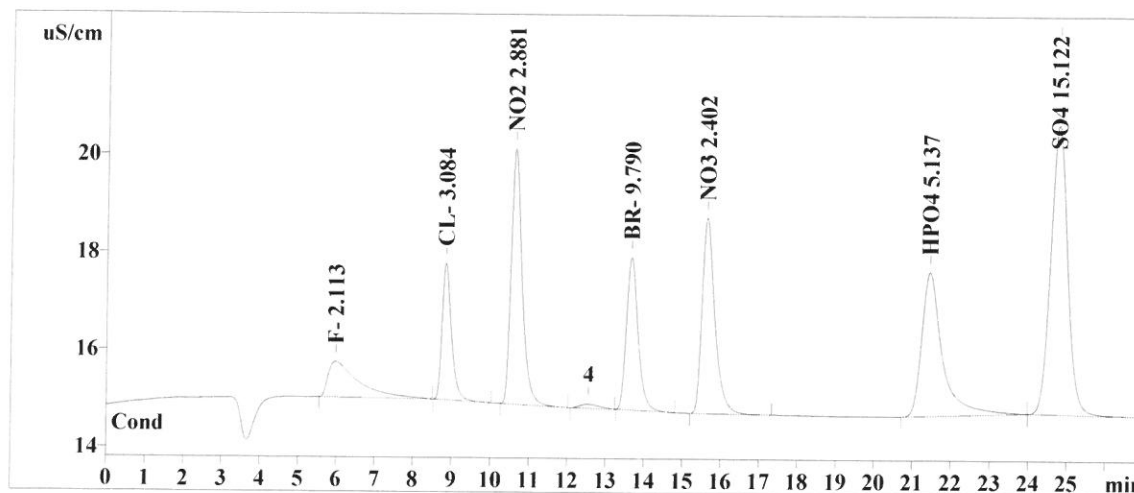
Ident: J3780-01MSD
Analysis from: 6/29/2018 4:58:01 PM
File: _2018-06-29_

Last save: 6/29/2018 5:24:50 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62939

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

SAMPLE:
: AK/AP
Vial number: 40
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	0.750	0.73	2.93	39.700	6.14	0.
2	8.83	0.255	2.79	11.25	47.789	7.40	0.
3	10.61	0.292	5.23	21.05	103.078	15.95	0.
4	13.66	0.323	3.13	12.59	66.857	10.35	0.
5	15.62	0.343	4.00	16.12	92.772	14.36	0.
6	21.43	0.499	2.95	11.88	110.901	17.16	0.
7	24.75	0.469	5.91	23.82	182.178	28.19	0.
7	27.00	0.419	24.74	99.64	643.275	99.55	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:33:21 AM
Printed by: wet

Ident: CCV
Analysis from: 6/29/2018 5:27:57 PM
File: _2018-06-29_

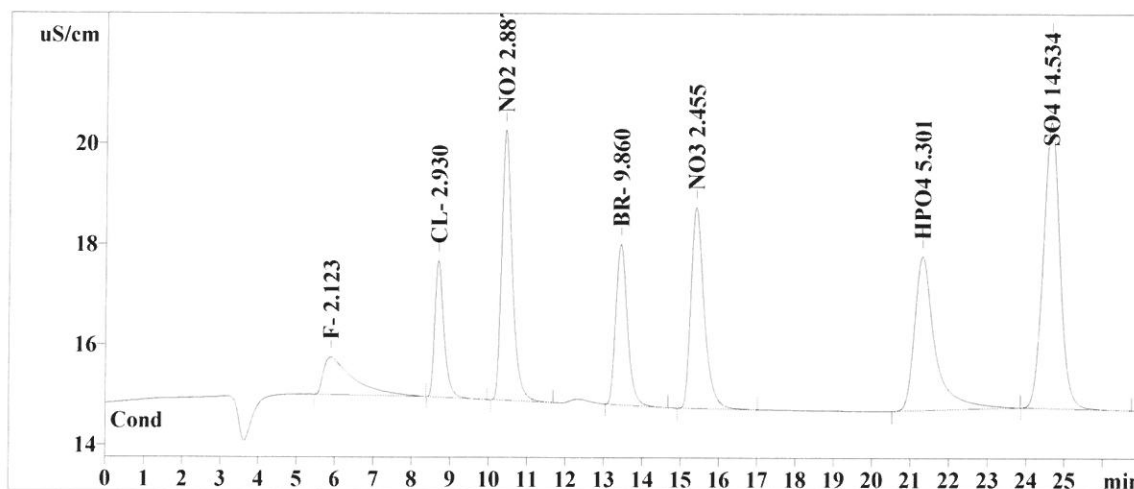
Last save: 6/29/2018 5:54:46 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62940

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	0.735	0.75	3.01	39.912	6.24	0.
2	8.68	0.248	2.72	10.96	45.287	7.08	0.
3	10.42	0.283	5.38	21.70	103.305	16.15	0.
4	13.42	0.319	3.20	12.89	67.359	10.53	0.
5	15.38	0.350	4.00	16.14	94.882	14.83	0.
6	21.30	0.495	3.07	12.36	114.289	17.86	0.
7	24.62	0.467	5.69	22.94	174.726	27.31	0.
7	27.00	0.414	24.80	100.00	639.759	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:33:30 AM
Printed by: wet

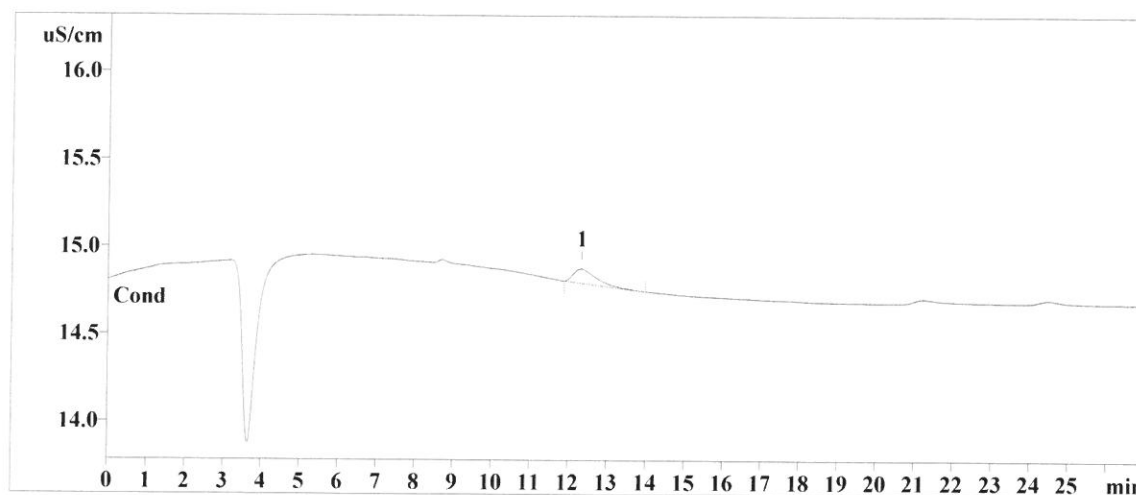
Ident: CCB
Analysis from: 6/29/2018 5:57:52 PM
File: _2018-06-29_

Last save: 6/29/2018 6:24:42 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62941

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

Report date: 7/5/2018 8:34:08 AM
Printed by: wet

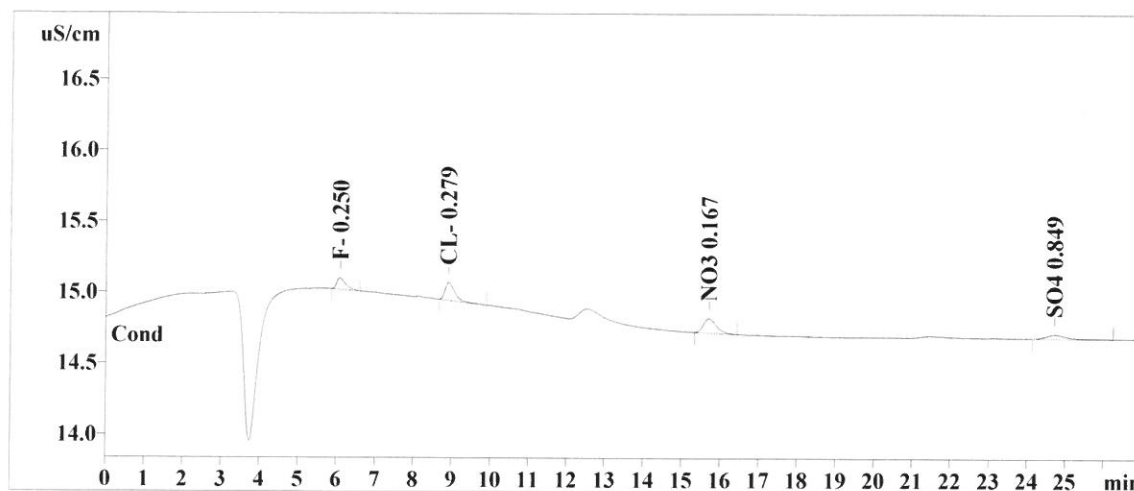
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Analysis from: 6/29/2018 6:27:48 PM
File: _2018-06-29_

Last save: 6/29/2018 6:54:38 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62942

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

SAMPLE:
: AK/AP
Vial number: 45
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	0.233	0.08	23.77	1.276	17.78	0.
2	8.91	0.259	0.13	37.14	2.272	31.64	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	15.70	0.365	0.10	29.77	2.426	33.78	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.72	0.561	0.03	8.80	1.207	16.80	0.
7	27.00	0.203	0.34	99.47	7.180	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:35:07 AM
Printed by: wet

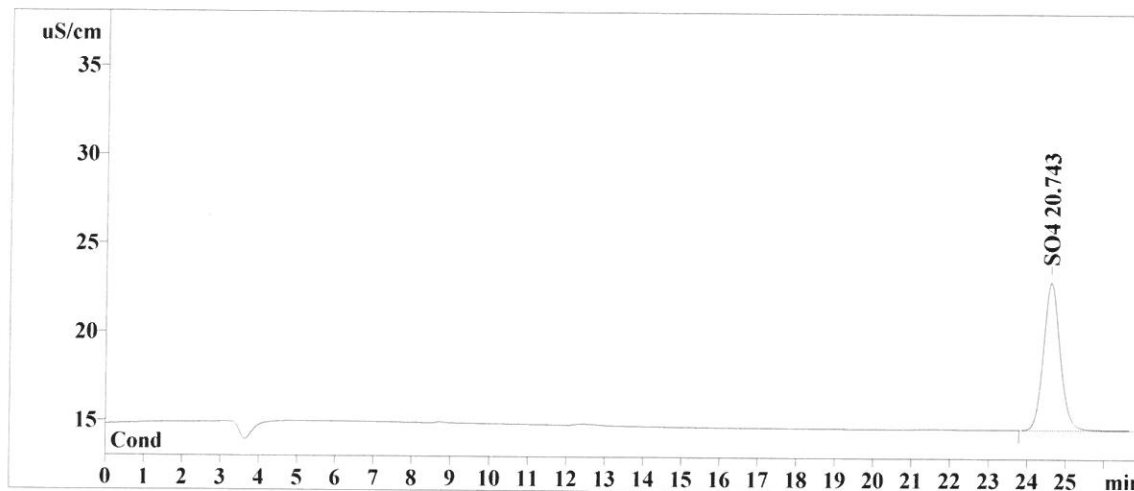
Ident: J3783-01DLX100
Analysis from: 6/29/2018 6:57:43 PM
File: _2018-06-29_

Last save: 7/5/2018 8:35:06 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62943

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

SAMPLE:
: AK/AP
Vial number: 48
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	24.61	0.462	8.29	100.00	253.463	100.00	0.
7	27.00	0.066	8.29	100.00	253.463	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:38:32 AM
Printed by: wet

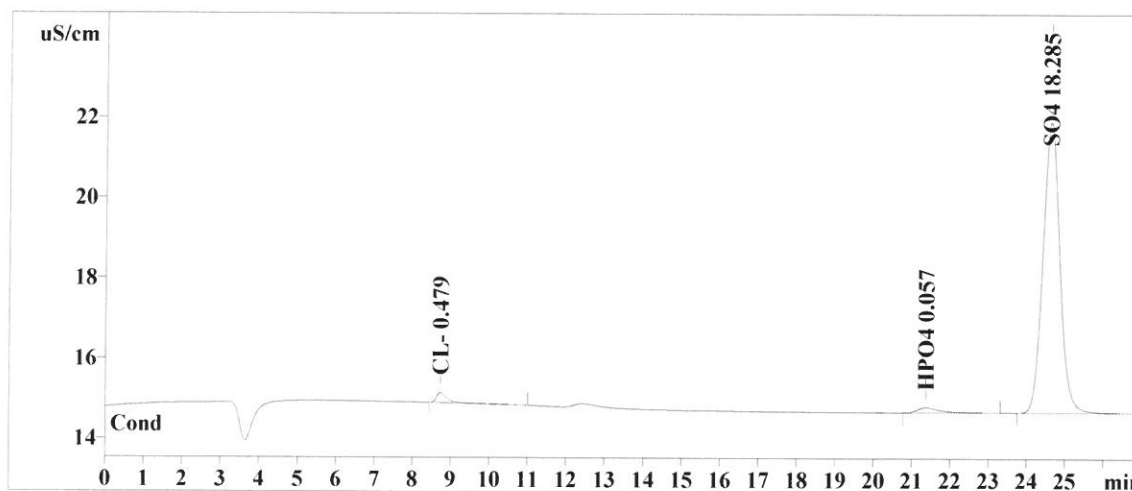
Ident: J3783-02DLX10
Analysis from: 6/29/2018 7:27:39 PM
File: _2018-06-29_

Last save: 7/5/2018 8:38:30 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62944

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

SAMPLE:
: AK/AP
Vial number: 49
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	0.264	0.26	3.37	5.507	2.36	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	21.37	0.576	0.13	1.77	5.847	2.50	0.
7	24.61	0.464	7.23	94.84	222.289	95.14	0.
7	27.00	0.186	7.62	99.98	233.644	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:38:44 AM
Printed by: wet

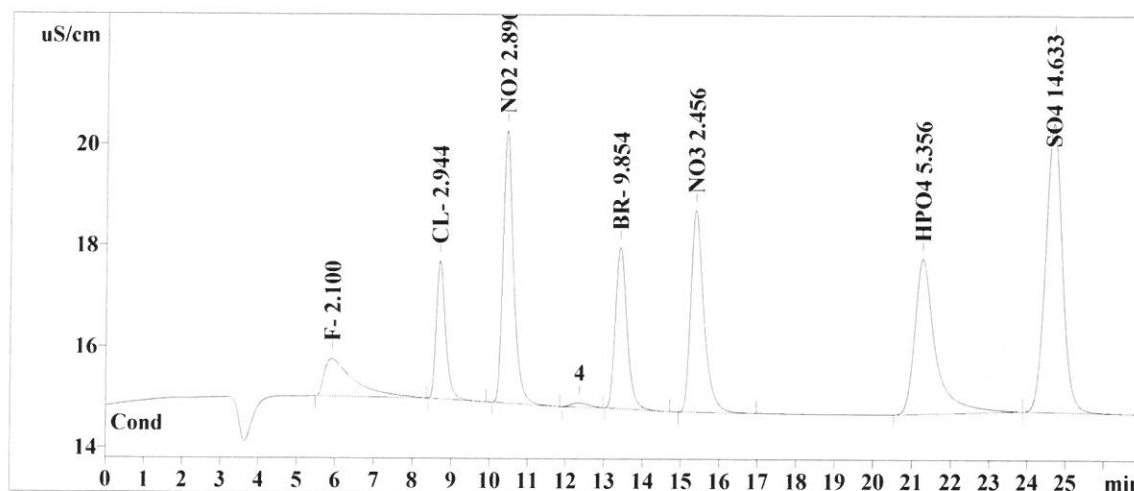
Ident: CCV
Analysis from: 6/29/2018 7:57:34 PM
File: _2018-06-29_

Last save: 6/29/2018 8:24:24 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62945

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	5.90	0.734	0.74	2.97	39.433	6.12	0.
2	8.69	0.249	2.72	10.94	45.505	7.06	0.
3	10.43	0.284	5.39	21.65	103.442	16.05	0.
4	13.40	0.319	3.19	12.80	67.313	10.44	0.
5	15.36	0.352	3.99	16.04	94.940	14.73	0.
6	21.26	0.503	3.06	12.32	115.445	17.91	0.
7	24.65	0.468	5.71	22.94	175.977	27.30	0.
7	27.00	0.415	24.80	99.67	642.055	99.59	0.

This report has been created by IC Net
METROHM LTD

Report date: 7/5/2018 8:38:52 AM
Printed by: wet

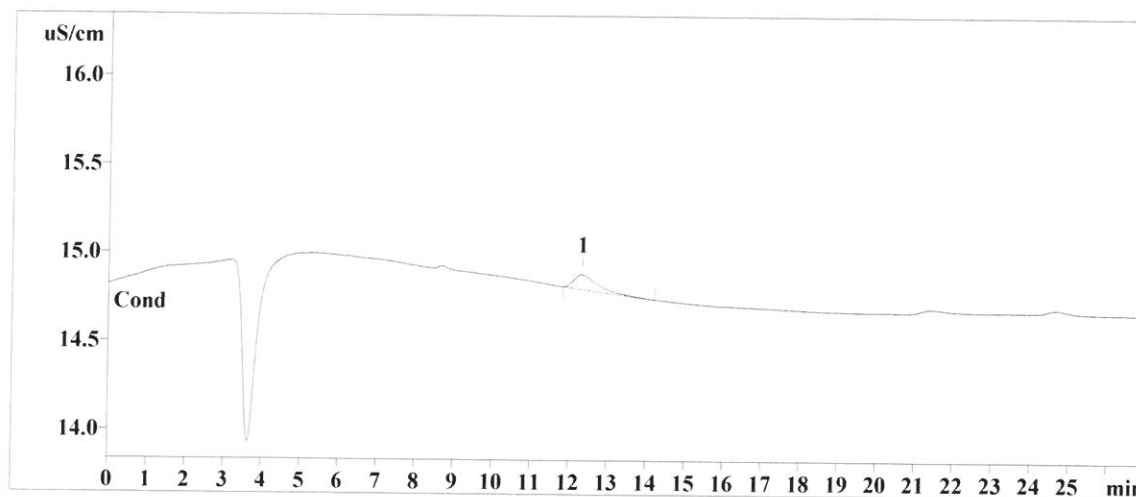
Ident: CCB
Analysis from: 6/29/2018 8:27:30 PM
File: _2018-06-29_

Last save: 6/29/2018 8:54:20 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62946

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
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