

IC-1 300.0

6-28-18 PQ

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	2.1050	2.9630	2.9260	9.6510	2.3950	5.1620	14.4440	2018-06-27_	6/27/18 8:08
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-27_	6/27/18 8:37
LB96295BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-27_	6/27/18 9:07
LB96295BSW	2.0070	2.7640	2.7490	9.3530	2.2630	5.6450	13.7630	2018-06-27_	6/27/18 9:37
J3738-01	0.0000	3.5840	1.6800	0.0000	0.4600	0.0000	5.2490	2018-06-27_	6/27/18 11:11
J3738-02	0.0000	2.2890	0.0000	0.0000	0.5360	0.0000	23.2990	2018-06-27_	6/27/18 11:41
J3738-03	0.0000	2.2010	0.0000	0.0000	0.0000	0.0000	1777.4610	2018-06-27_	6/27/18 12:11
J3738-04	0.0000	2.1780	0.0000	0.0000	0.0000	0.0000	1774.7490	2018-06-27_	6/27/18 12:41
J3738-04DUP	0.0000	2.2080	0.0000	0.0000	0.0000	0.0000	1782.4760	2018-06-27_	6/27/18 13:10
J3738-04MS	3.9040	4.7560	2.7840	9.6880	2.4540	0.9230	1619.3740	2018-06-27_	6/27/18 13:45
J3738-04MSD	3.7620	4.8350	2.6930	9.1710	2.3130	0.7340	1660.5530	2018-06-27_	6/27/18 14:14
J3738-03DLX50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	29.1130	2018-06-27_	6/27/18 14:44
CCV	2.1740	2.9170	2.8820	9.8320	2.4610	5.8690	14.4820	2018-06-27_	6/27/18 15:14
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-27_	6/27/18 15:44
J3743-01	0.4150	20.8590	0.0000	0.0000	0.0000	0.0260	55.3190	2018-06-27_	6/27/18 16:14
J3743-01DUP	0.4190	21.3690	0.0000	0.0000	0.0000	0.0160	55.7940	2018-06-27_	6/27/18 16:44
J3743-01MS	2.6950	22.1460	2.8860	10.0220	2.5240	6.5710	69.5010	2018-06-27_	6/27/18 17:14
J3743-01MSD	2.6060	21.9070	2.8150	10.0010	2.3730	6.3500	65.8110	2018-06-27_	6/27/18 17:44
J3738-04DLX50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	27.4610	2018-06-27_	6/27/18 18:14
J3743-01DLX5	0.0000	3.8640	0.0000	0.0000	0.0000	0.0000	10.2310	2018-06-27_	6/27/18 18:44

11-17-30

6-23-82

CCV	2.1360	2.9560	2.9580	9.9790	2.5100	5.6560	14.8180	2018-06-27	6-28-18	6/27/18 19:14
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-06-27		6/27/18 19:44

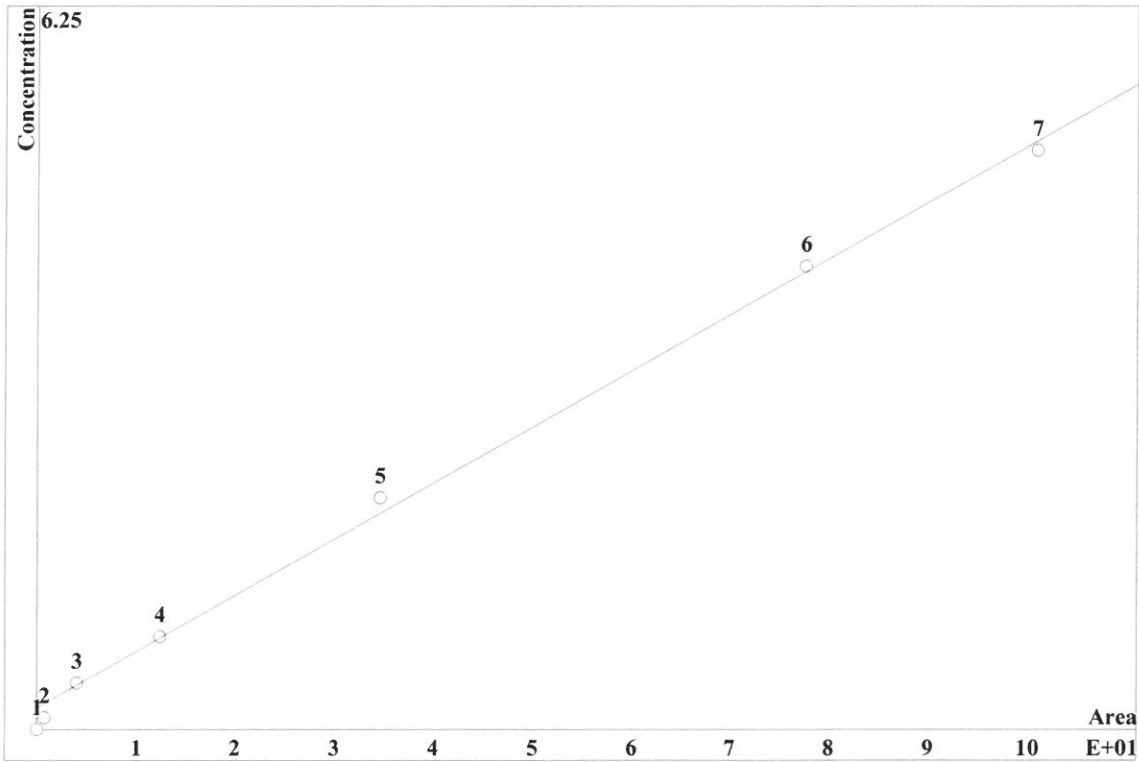
CCV CCB

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:

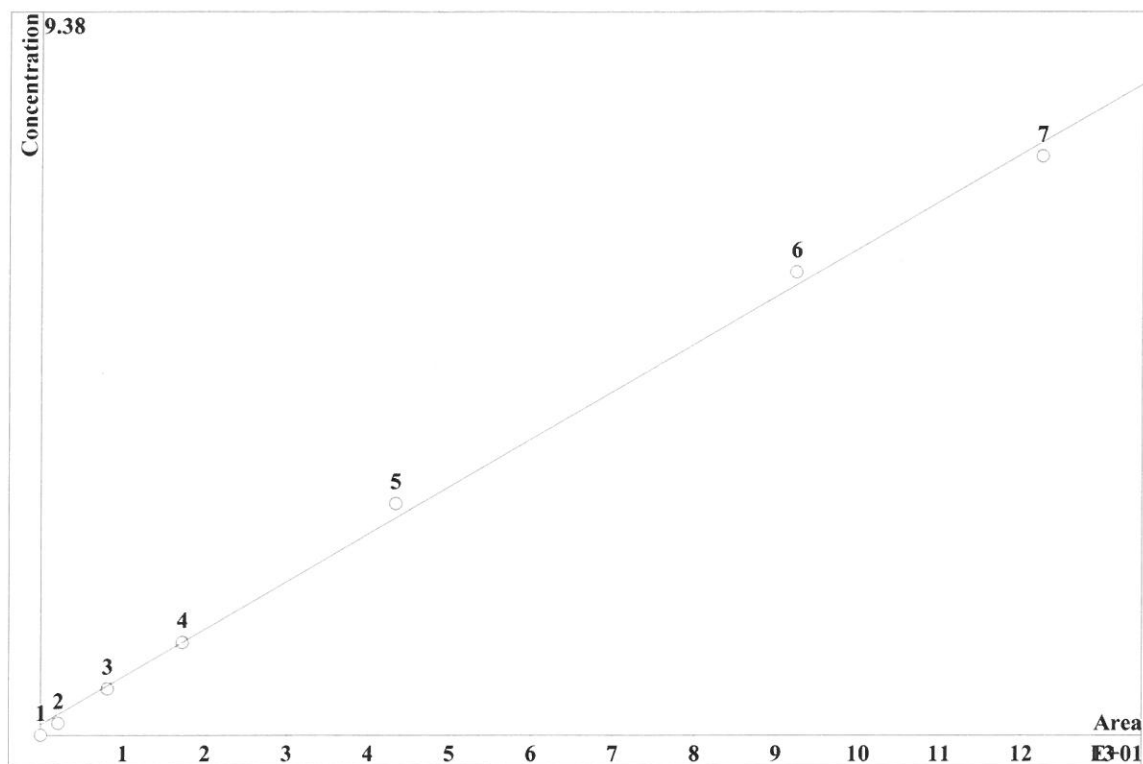
Formula: Linear

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:

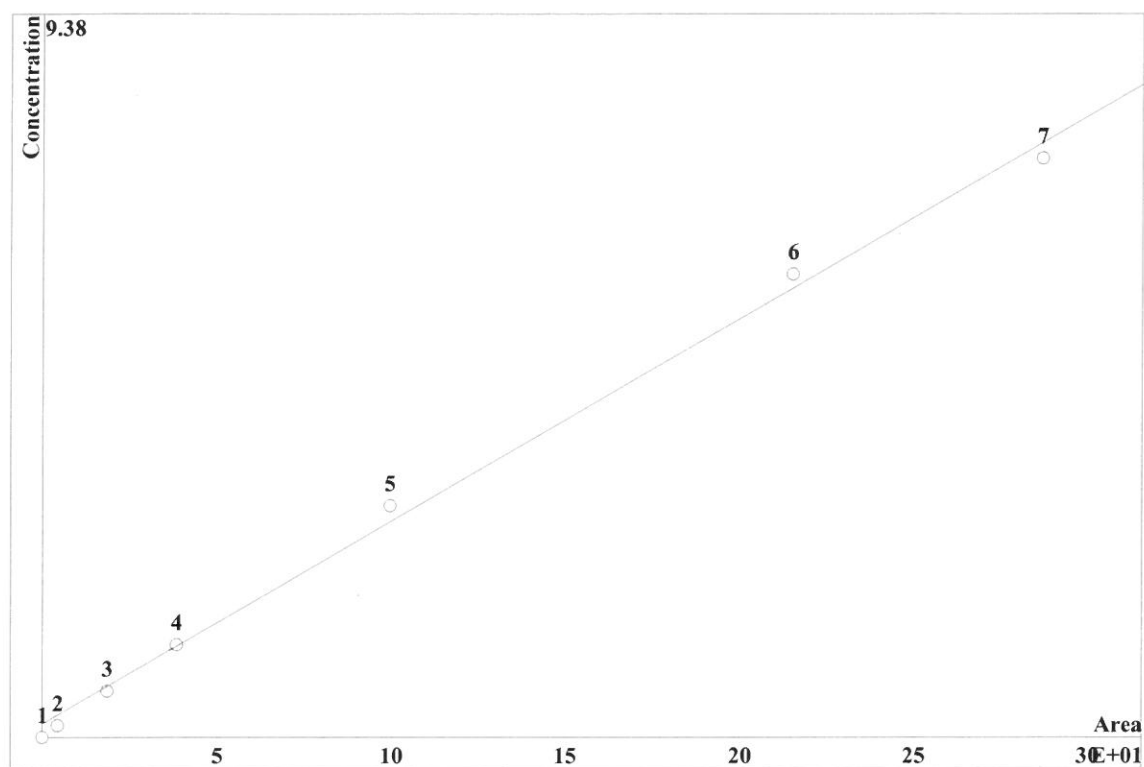
Formula: Linear

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:

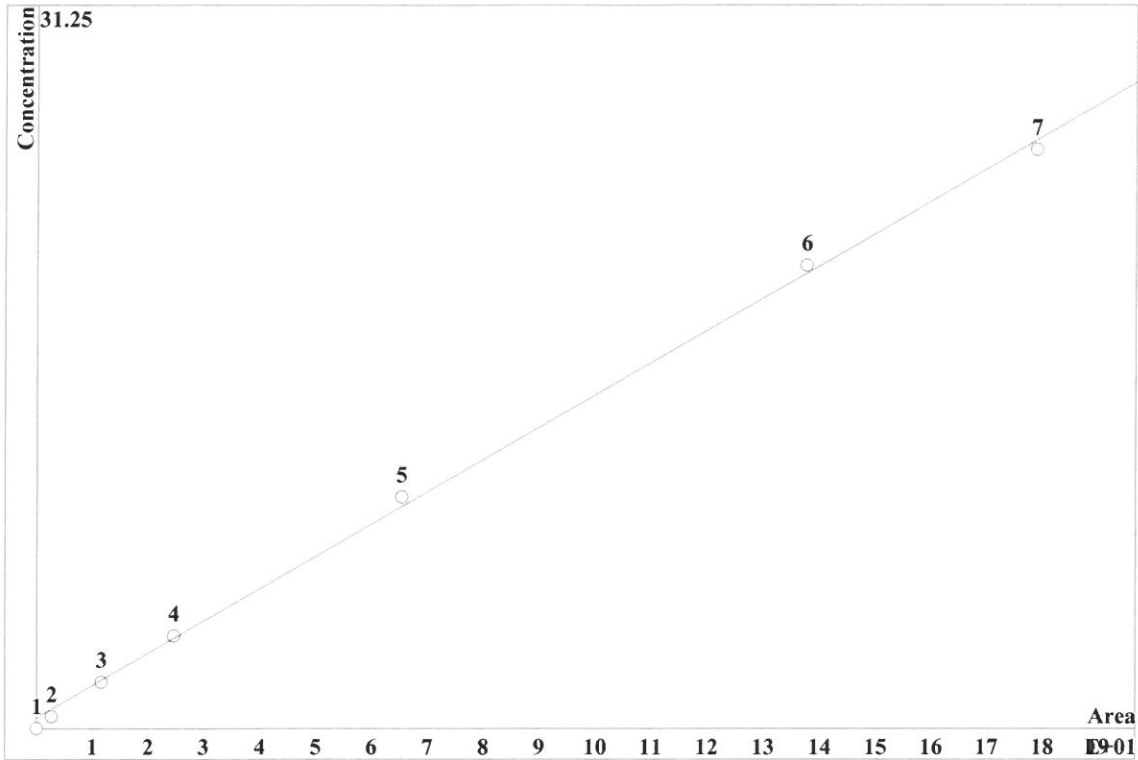
Formula: Linear

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

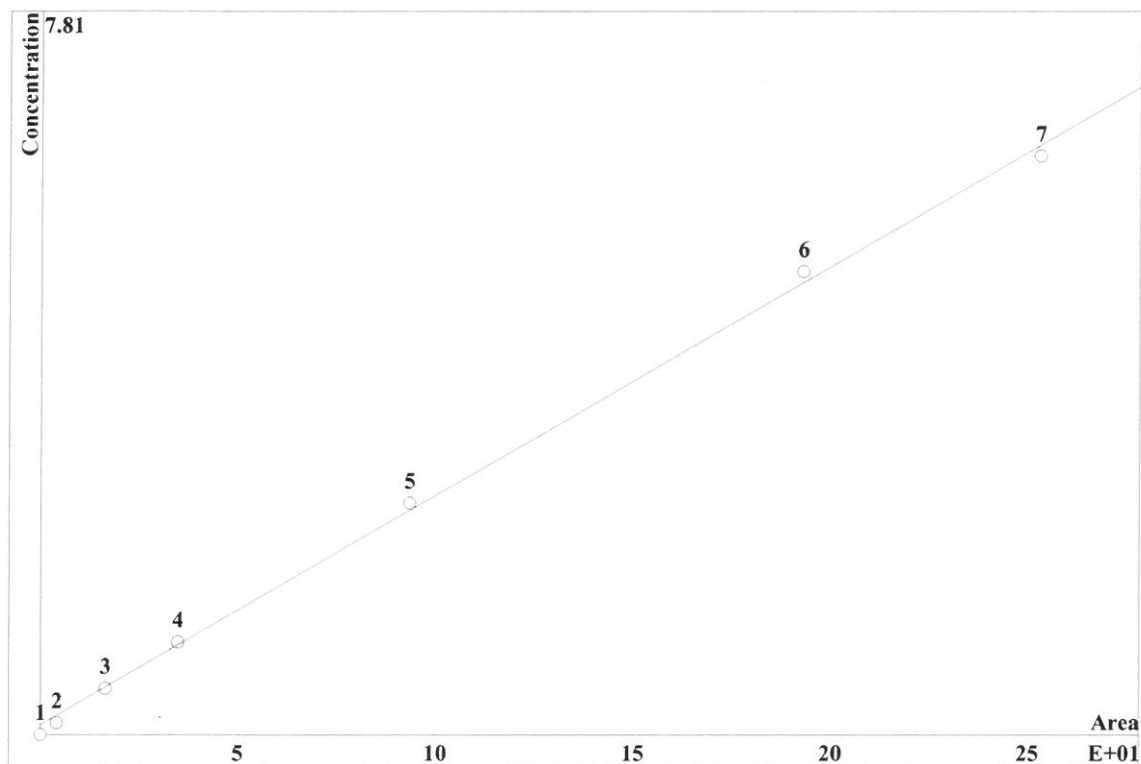


K3 = 0 K2 = 0 K1 = 2.79052 K0 = 9.24087
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			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:

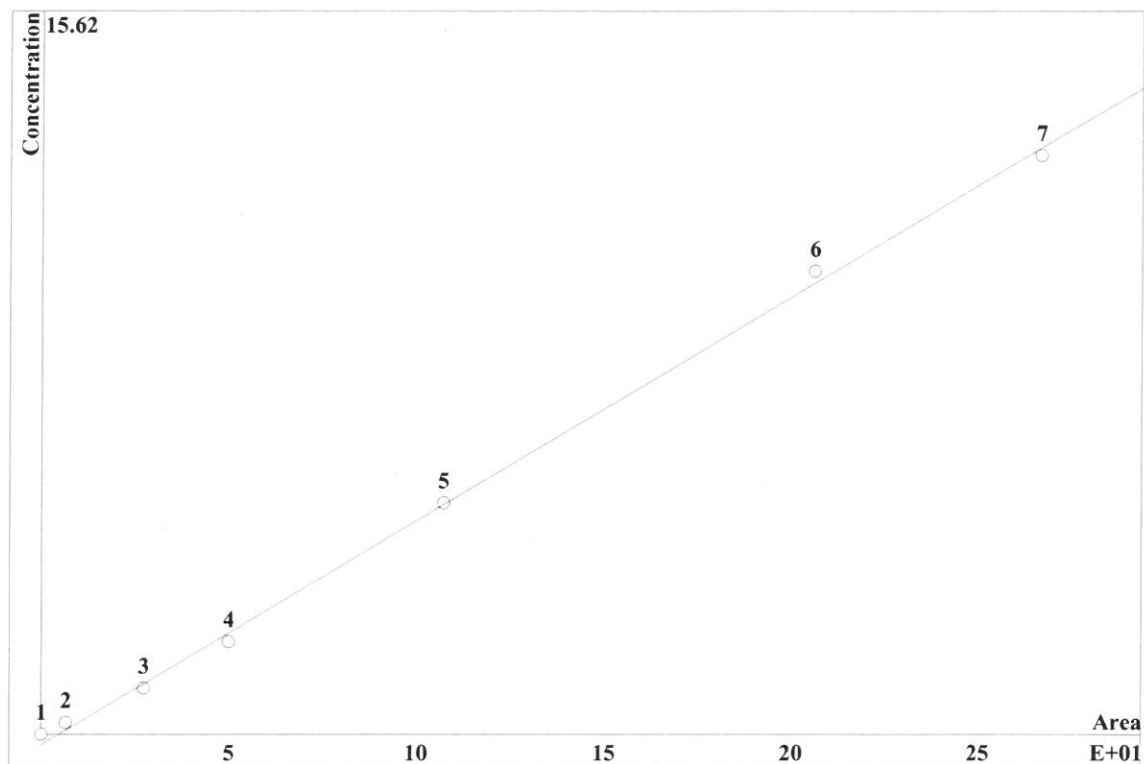
Formula: Linear

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:

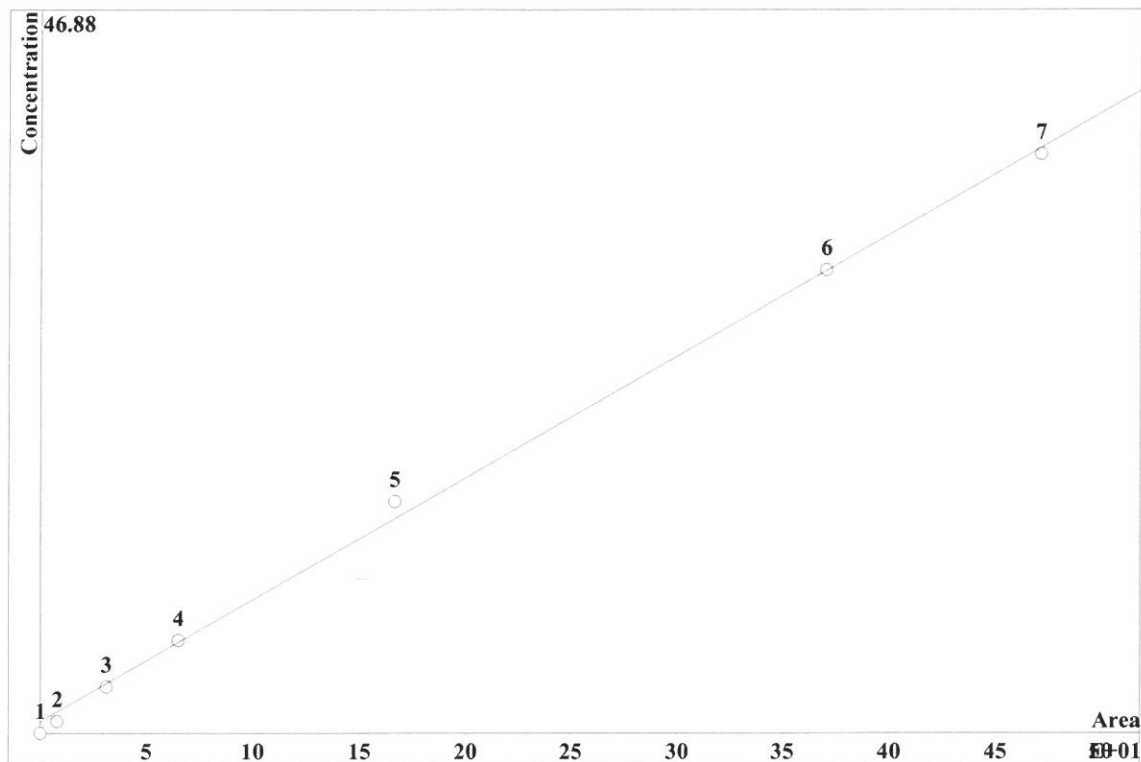
Formula: Linear

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

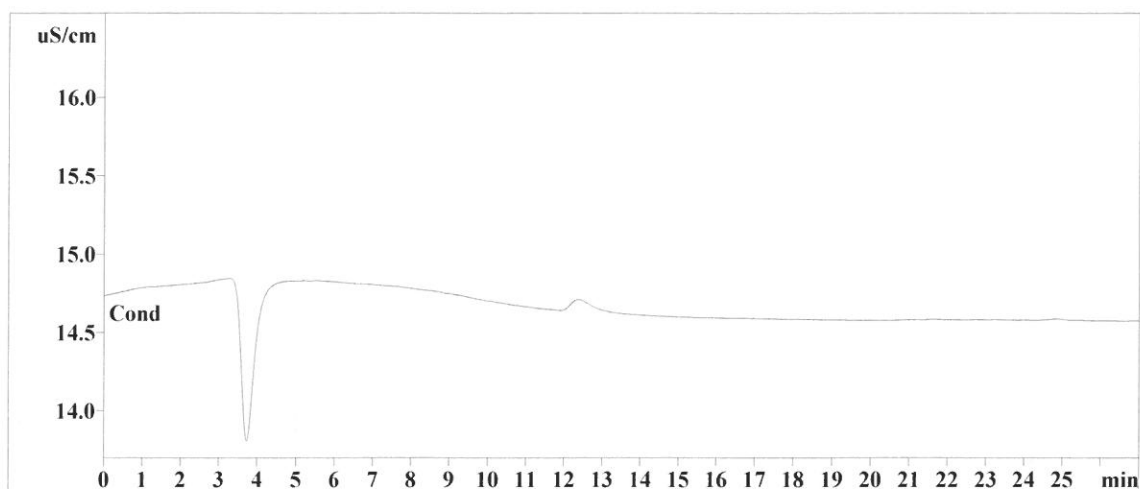
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Analysis from: 6/11/2018 10:31:49 AM
File: _2018-06-11_

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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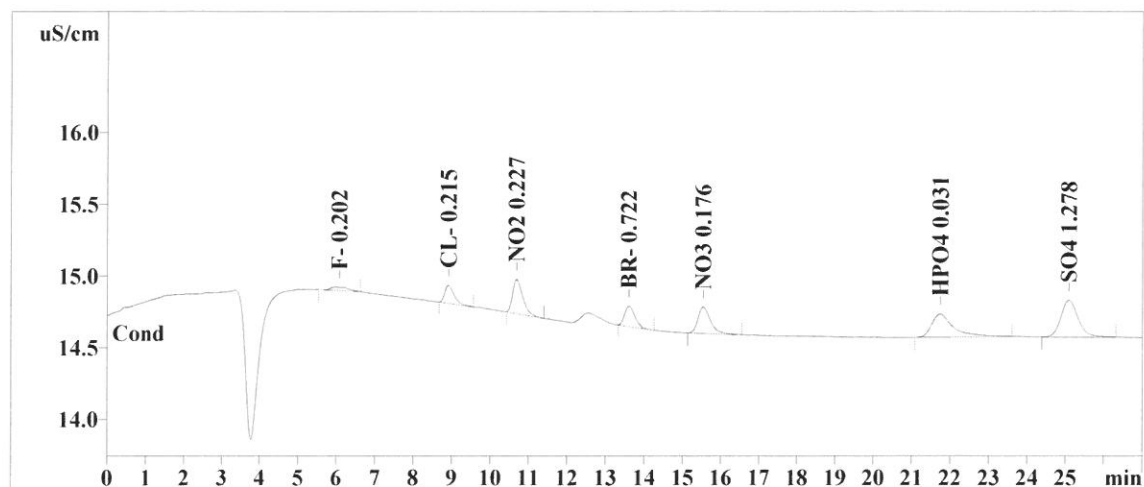
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Printed by: wet

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

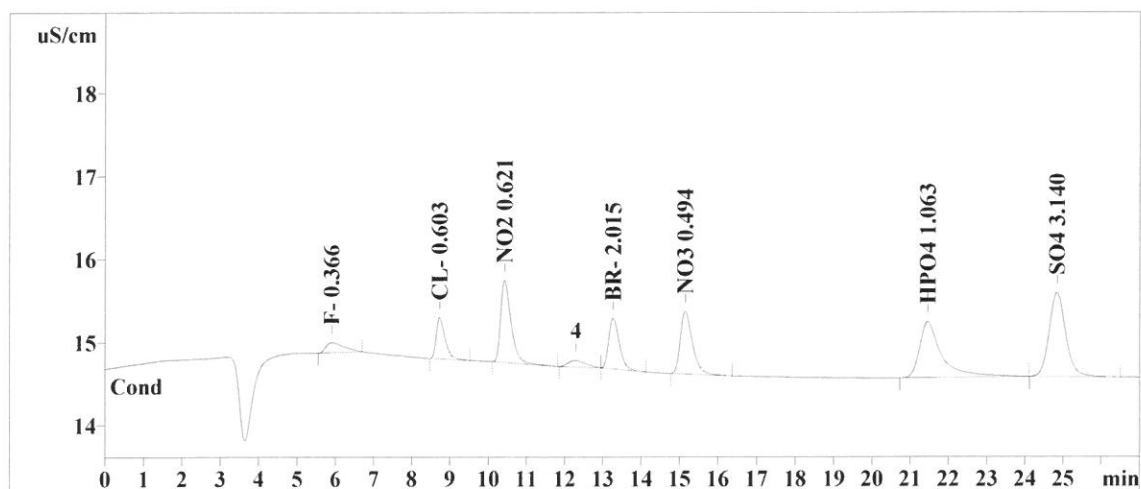
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Analysis from: 6/11/2018 11:31:39 AM
File: _2018-06-11_

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

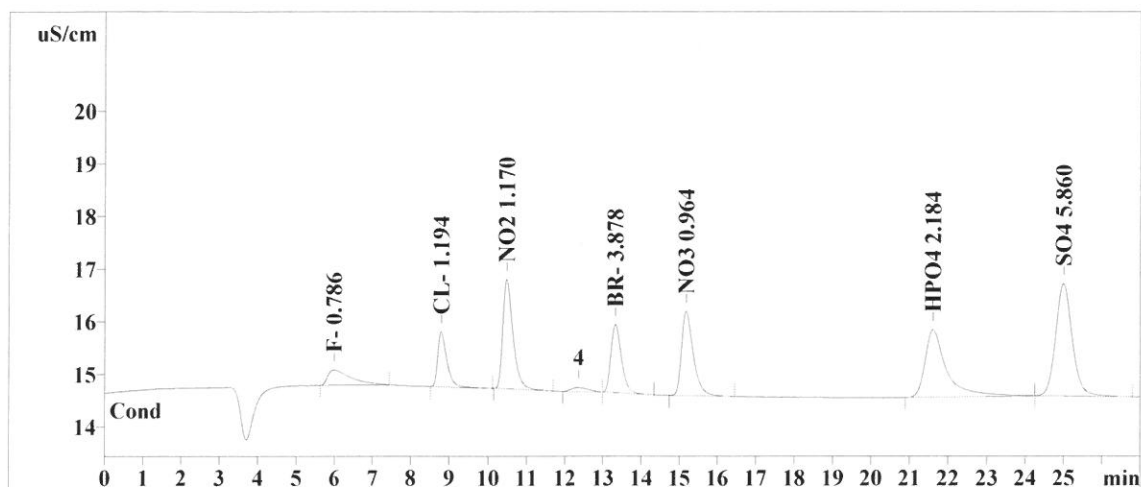
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 File: _2018-06-11_

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

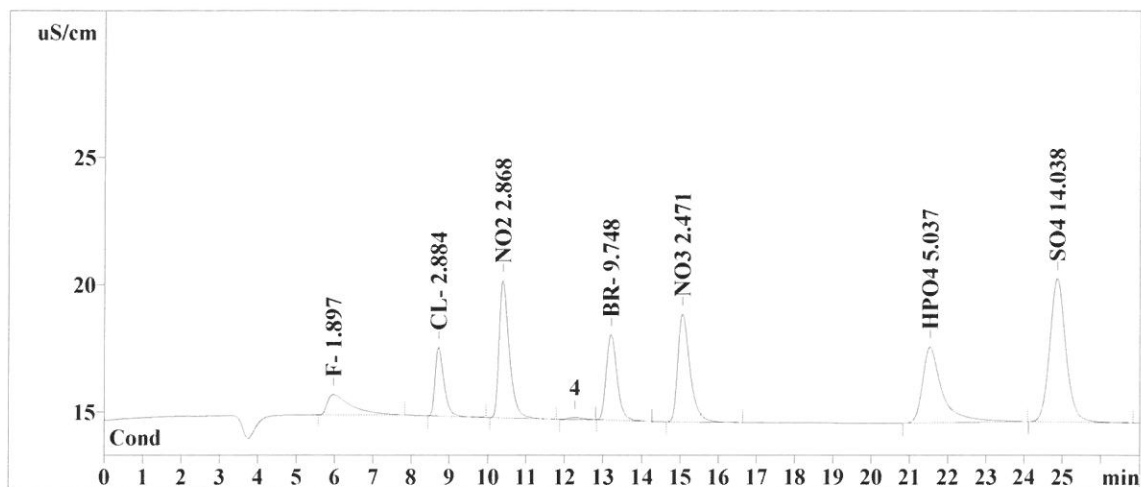
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File: _2018-06-11_

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.

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

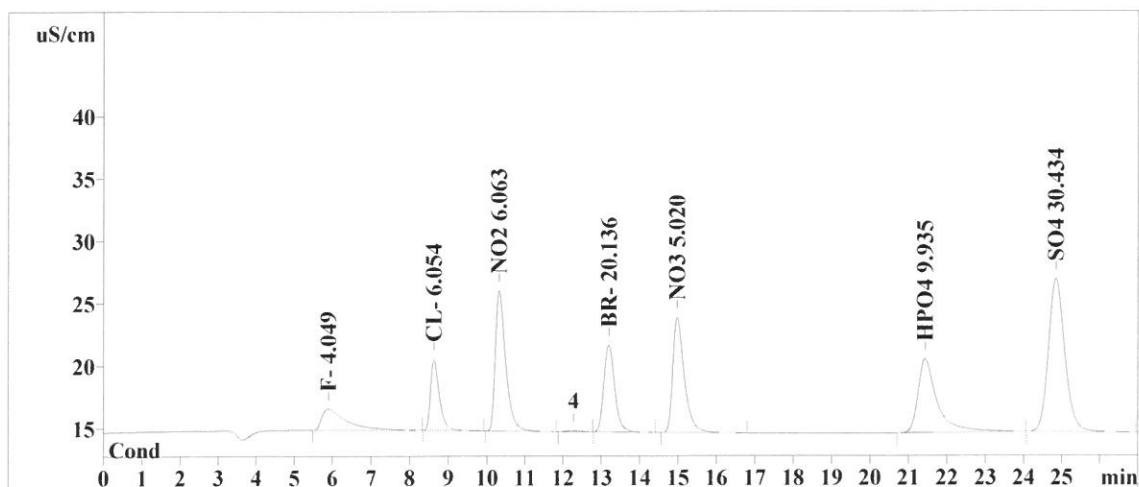
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Analysis from: 6/11/2018 1:01:24 PM
File: _2018-06-11_

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

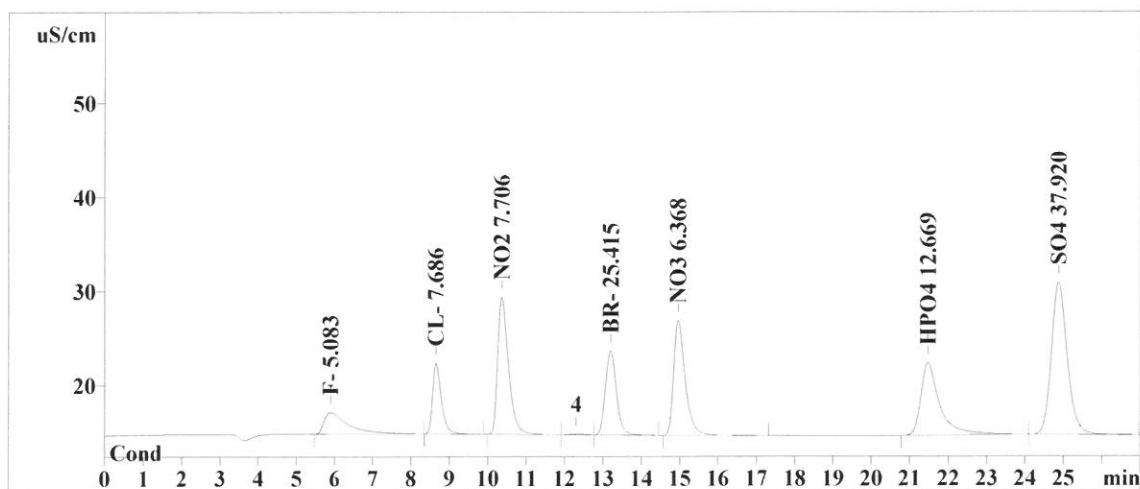
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Analysis from: 6/11/2018 1:31:19 PM
File: _2018-06-11_

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.

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

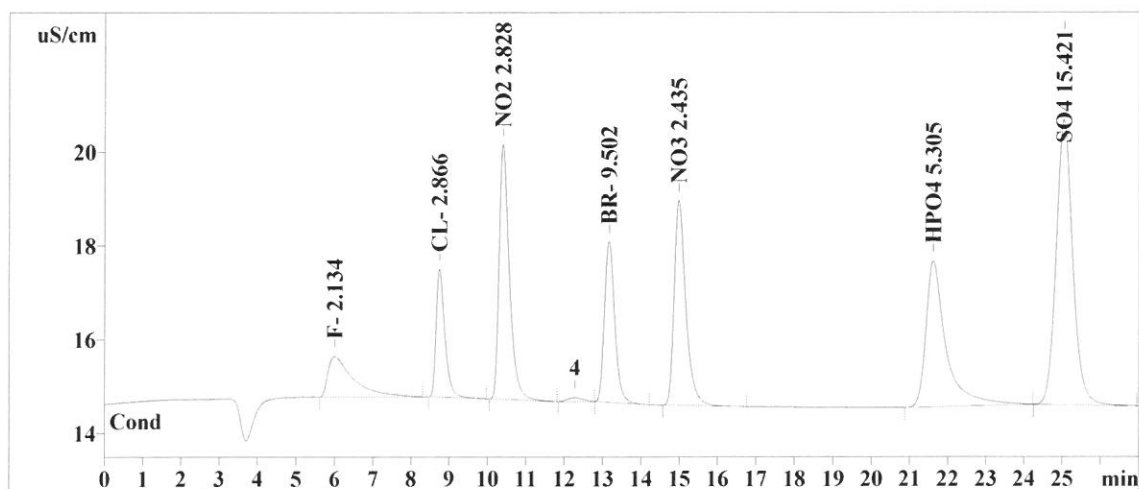
Ident: ICV
 Analysis from: 6/11/2018 3:04:02 PM
 File: _2018-06-11_

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

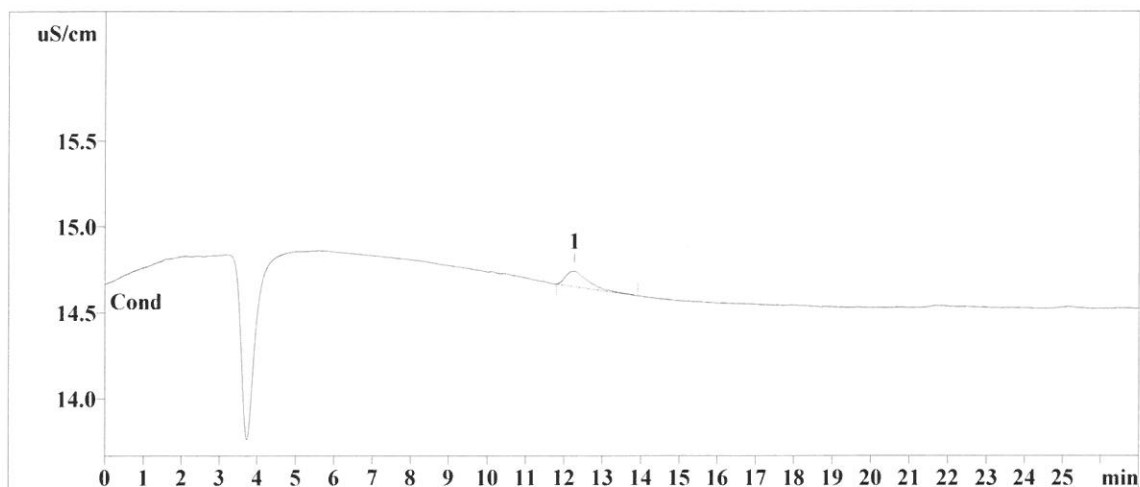
Ident: ICB
Analysis from: 6/11/2018 3:33:57 PM
File: _2018-06-11_

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
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Report date: 6/28/2018 7:56:22 AM
Printed by: wet

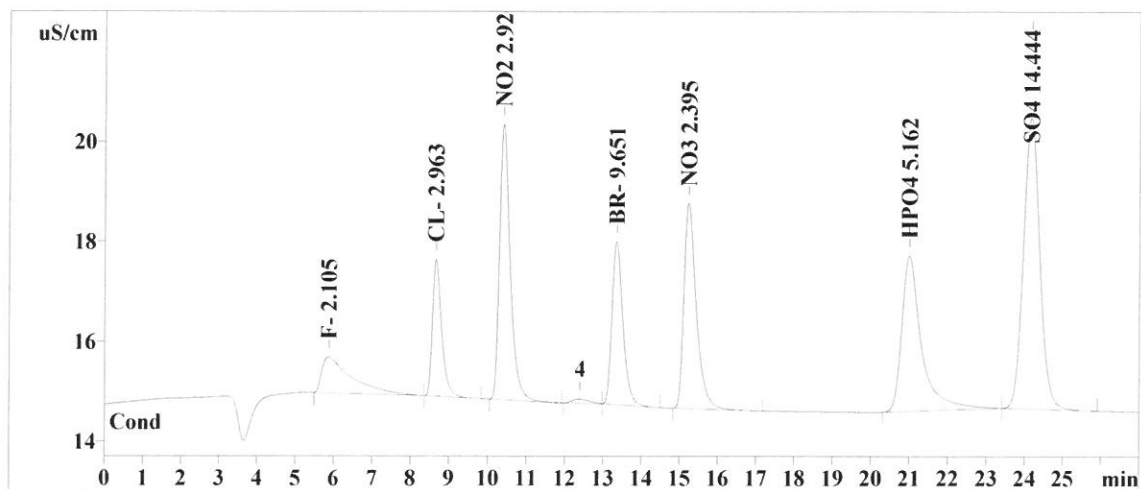
Ident: CCV
Analysis from: 6/27/2018 8:08:02 AM
File: _2018-06-27_

Last save: 6/27/2018 8:34:52 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62851

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	0.734	0.72	2.86	39.547	6.22	0.
2	8.65	0.247	2.74	10.79	45.821	7.20	0.
3	10.39	0.278	5.52	21.75	104.800	16.48	0.
4	13.35	0.306	3.25	12.83	65.862	10.35	0.
5	15.23	0.331	4.11	16.20	92.464	14.54	0.
6	20.99	0.478	3.11	12.27	111.414	17.52	0.
7	24.15	0.452	5.82	22.96	173.591	27.29	0.
7	27.00	0.404	25.28	99.66	633.498	99.60	0.

This report has been created by IC Net
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Report date: 6/28/2018 7:56:32 AM
Printed by: wet

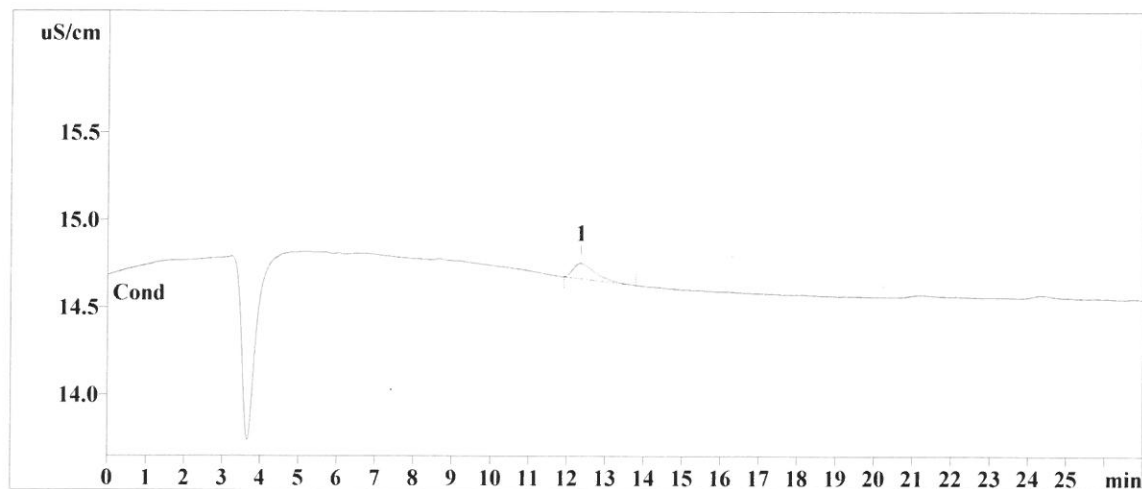
Ident: CCB
Analysis from: 6/27/2018 8:37:57 AM
File: _2018-06-27_

Last save: 6/27/2018 9:04:46 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62852

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	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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Report date: 6/28/2018 7:56:40 AM
Printed by: wet

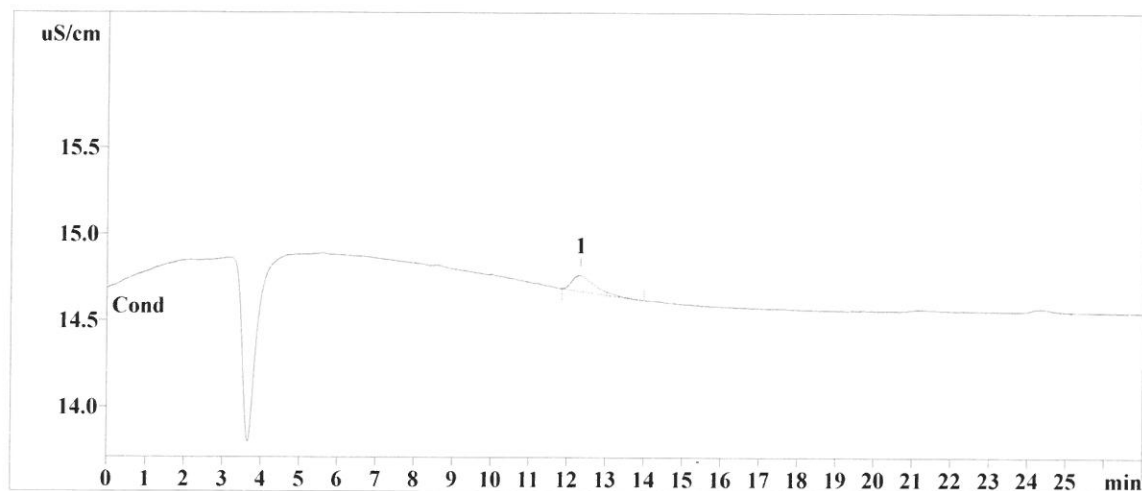
Ident: LB96295BLW
Analysis from: 6/27/2018 9:07:59 AM
File: _2018-06-27_

Last save: 6/27/2018 12:12:48 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62853

Last save: 6/15/2018 8:48:46 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	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: 6/28/2018 7:56:48 AM
Printed by: wet

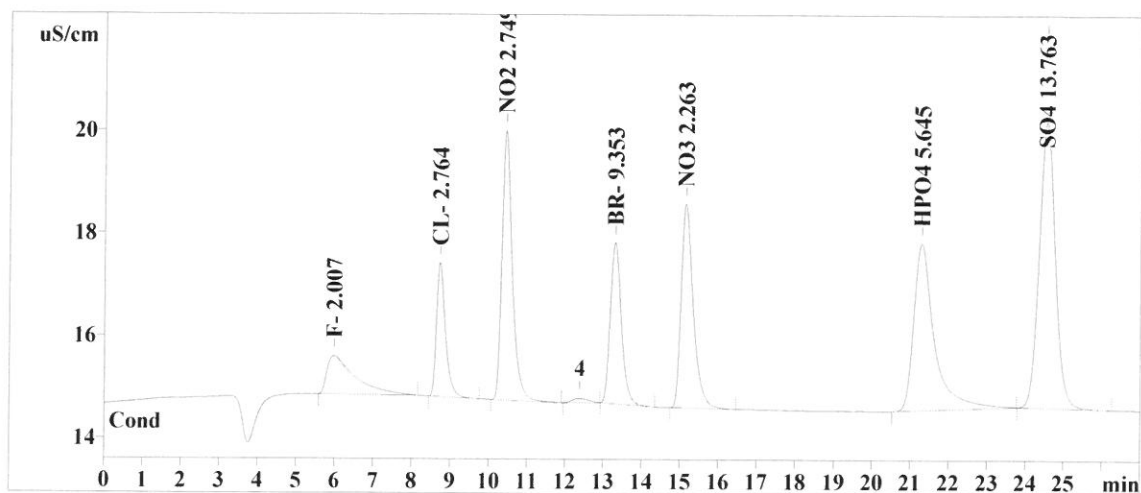
Ident: LB96295BSW
Analysis from: 6/27/2018 9:37:55 AM
File: _2018-06-27_

Last save: 6/27/2018 12:12:48 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62854

Last save: 6/15/2018 8:48:46 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	5.98	0.696	0.75	3.03	37.519	6.07	0.
2	8.72	0.241	2.61	10.59	42.583	6.89	0.
3	10.42	0.273	5.25	21.31	98.061	15.87	0.
4	13.30	0.309	3.14	12.74	63.723	10.31	0.
5	15.14	0.325	3.98	16.15	87.159	14.10	0.
6	21.28	0.494	3.25	13.20	121.422	19.65	0.
7	24.54	0.449	5.57	22.62	164.954	26.69	0.
7	27.00	0.398	24.55	99.65	615.420	99.59	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/28/2018 8:25:51 AM
Printed by: wet

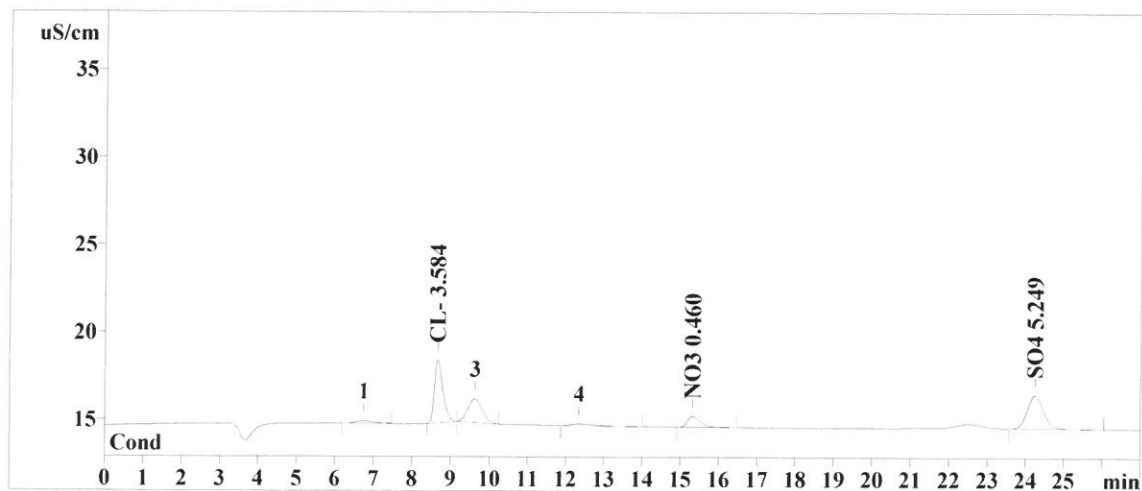
Ident: J3738-01
Analysis from: 6/27/2018 11:11:15 AM
File: _2018-06-27_

Last save: 6/28/2018 8:25:42 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62856

Last save: 6/15/2018 8:48:46 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	0.00	0.000	1.59	20.71	44.032	25.72	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	8.65	0.238	3.58	46.46	55.898	32.65	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	15.33	0.340	0.63	8.12	14.287	8.34	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.25	0.456	1.90	24.69	56.990	33.29	0.
7	27.00	0.148	7.69	99.98	171.208	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/28/2018 8:00:55 AM
Printed by: wet

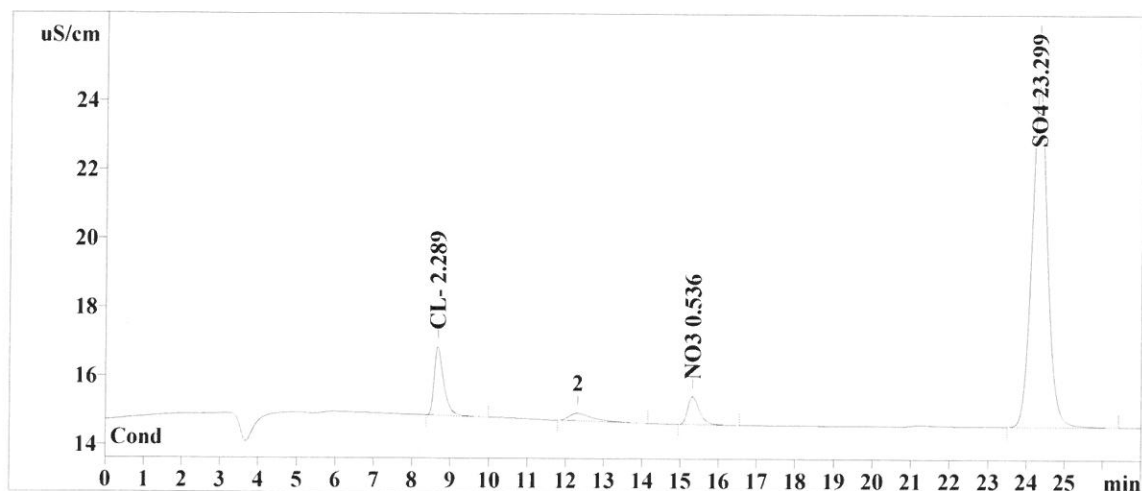
Ident: J3738-02
Analysis from: 6/27/2018 11:41:10 AM
File: _2018-06-27_

Last save: 6/28/2018 8:00:56 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62857

Last save: 6/15/2018 8:48:46 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	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.66	0.259	1.98	15.34	34.881	10.04	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	0.319	0.81	6.28	17.369	5.00	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.30	0.435	9.90	76.68	285.866	82.26	0.
7	27.00	0.145	12.69	98.30	338.116	97.29	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/28/2018 8:01:44 AM
 Printed by: wet

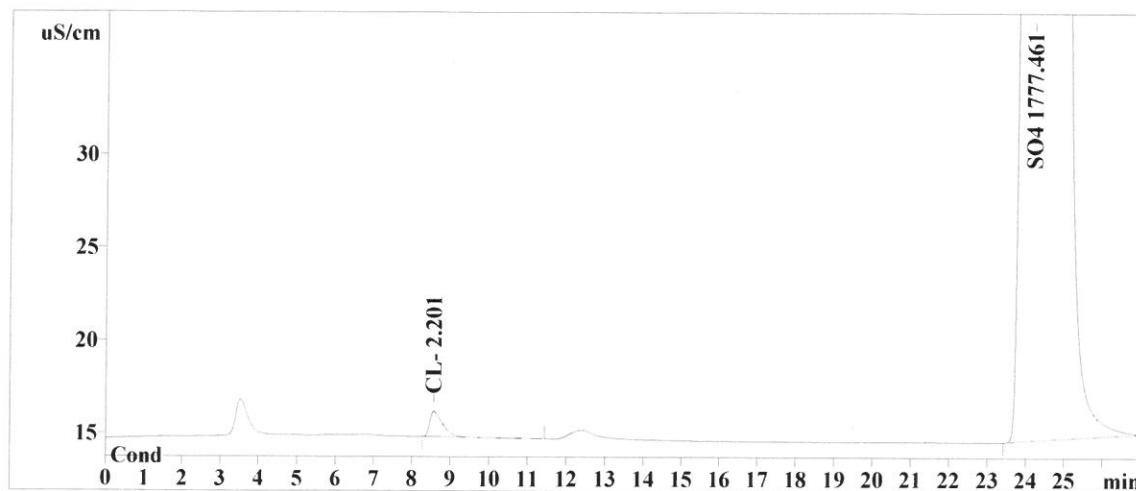
Ident: J3738-03
 Analysis from: 6/27/2018 12:11:06 PM
 File: _2018-06-27_

Last save: 6/28/2018 8:01:44 AM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62858

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

SAMPLE:
 : AK/AP
 Vial number: 8
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.56	0.365	1.37	0.25	33.460	0.15	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	24.20	0.645	537.90	99.75	22528.682	99.85	0.
7	27.00	0.144	539.28	100.00	22562.142	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/28/2018 8:02:44 AM
 Printed by: wet

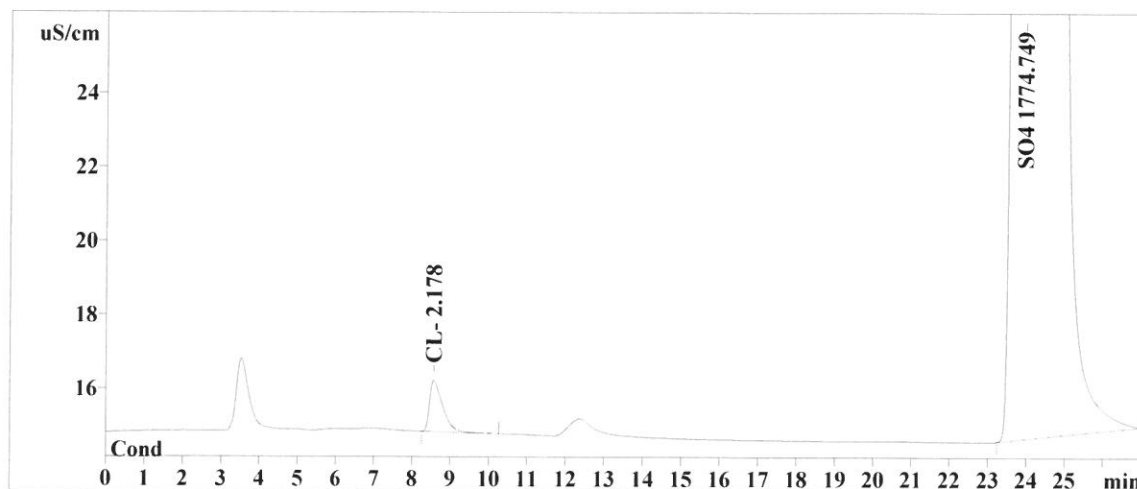
Ident: J3738-04
 Analysis from: 6/27/2018 12:41:01 PM
 File: _2018-06-27_

Last save: 6/28/2018 8:02:44 AM

Method: ANIONS 06-11-18.mtw
 Run operator: wet
 Analysis number: 62859

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

SAMPLE:
 : AK/AP
 Vial number: 9
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.57	0.361	1.39	0.26	33.089	0.15	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	23.96	0.634	540.70	99.74	22494.292	99.85	0.
7	27.00	0.142	542.09	100.00	22527.381	100.00	0.

This report has been created by IC Net
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Report date: 6/28/2018 8:03:11 AM
Printed by: wet

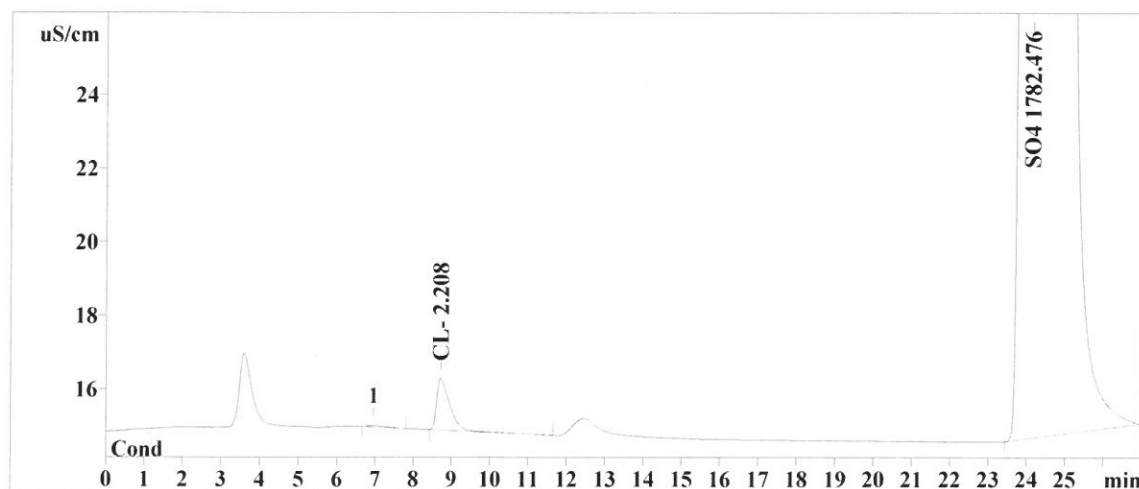
Ident: J3738-04DUP
Analysis from: 6/27/2018 1:10:57 PM
File: _2018-06-27_

Last save: 6/28/2018 8:03:12 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62860

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

SAMPLE:
: AK/AP
Vial number: 10
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	8.72	0.357	1.40	0.26	33.576	0.15	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	0.632	542.35	99.73	22592.268	99.85	0.
7	27.00	0.141	543.75	99.99	22625.844	99.99	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/28/2018 8:03:36 AM
Printed by: wet

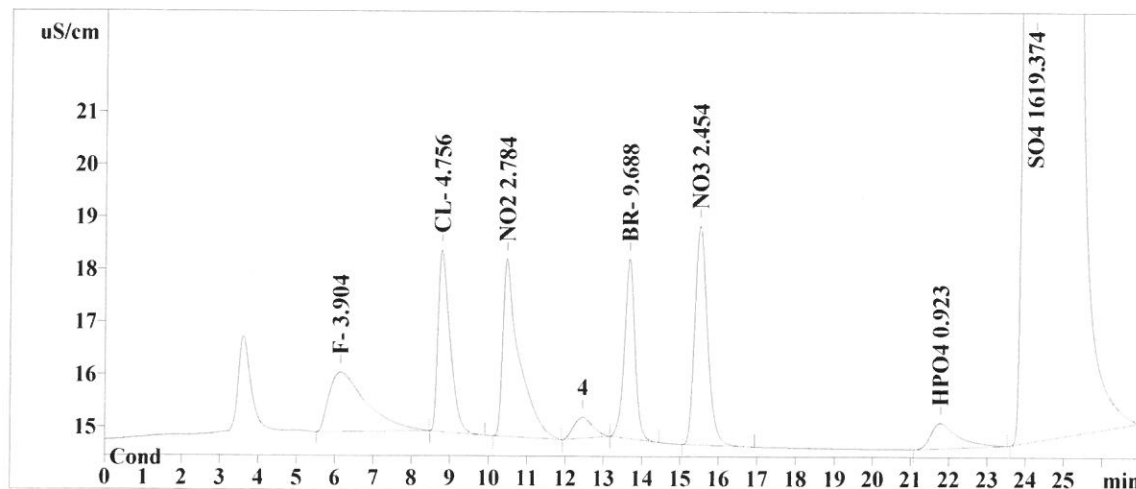
Ident: J3738-04MS
Analysis from: 6/27/2018 1:45:03 PM
File: _2018-06-27_

Last save: 6/27/2018 2:11:54 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62861

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

SAMPLE:
: AK/AP
Vial number: 11
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.14	1.007	1.13	0.21	76.640	0.37	0.
2	8.77	0.331	3.45	0.65	74.919	0.36	0.
3	10.46	0.378	3.37	0.64	99.386	0.47	0.
4	13.67	0.287	3.42	0.65	66.121	0.32	0.
5	15.51	0.344	4.16	0.79	94.870	0.45	0.
6	21.77	0.693	0.48	0.09	23.764	0.11	0.
7	24.22	0.606	512.19	96.89	20524.133	97.86	0.
7	27.00	0.521	528.20	99.92	20959.833	99.93	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/28/2018 8:03:57 AM
Printed by: wet

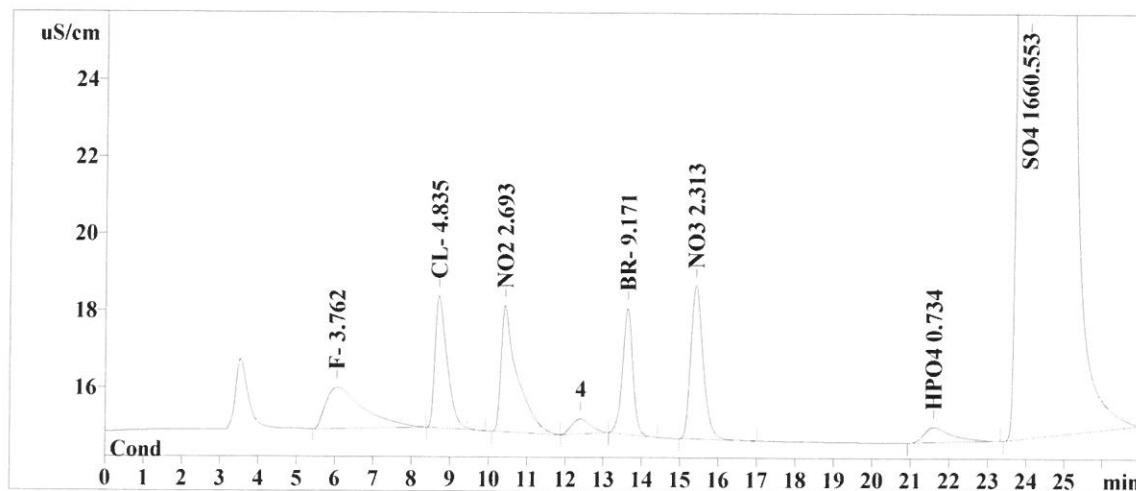
Ident: J3738-04MSD
Analysis from: 6/27/2018 2:14:59 PM
File: _2018-06-27_

Last save: 6/27/2018 2:41:48 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62862

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

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	6.06	1.005	1.07	0.20	73.715	0.34	0.
2	8.69	0.340	3.42	0.64	76.203	0.35	0.
3	10.42	0.379	3.28	0.61	95.907	0.45	0.
4	13.62	0.284	3.27	0.61	62.421	0.29	0.
5	15.41	0.338	3.98	0.74	89.174	0.42	0.
6	21.60	0.711	0.40	0.07	19.861	0.09	0.
7	24.05	0.611	518.69	97.04	21046.284	97.99	0.
7	27.00	0.524	534.10	99.93	21463.565	99.94	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/28/2018 8:04:37 AM
Printed by: wet

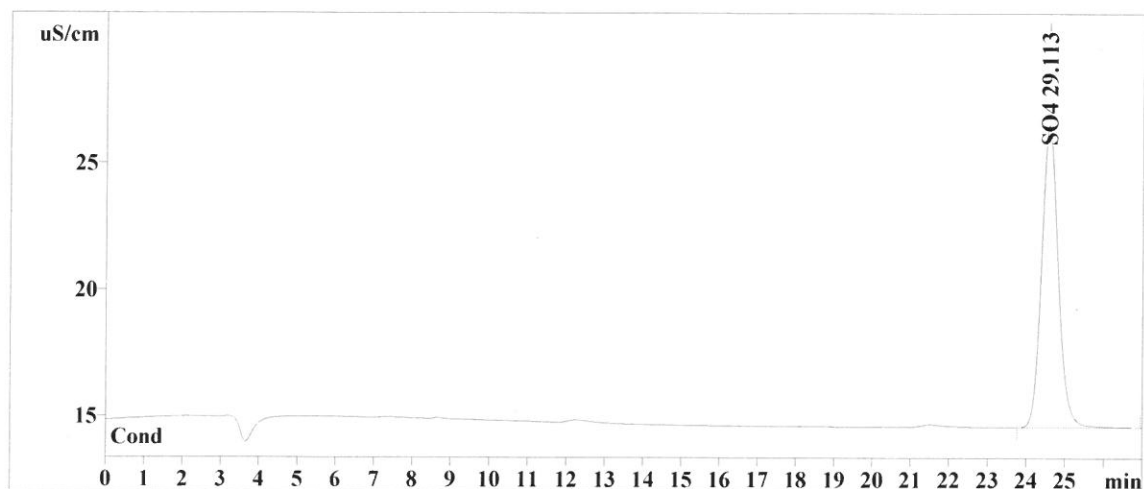
Ident: J3738-03DLX50
Analysis from: 6/27/2018 2:44:54 PM
File: _2018-06-27_

Last save: 6/28/2018 8:04:38 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62863

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

SAMPLE:
: 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	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	24.57	0.453	11.93	100.00	359.587	100.00	0.
7	27.00	0.065	11.93	100.00	359.587	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/28/2018 8:05:01 AM
Printed by: wet

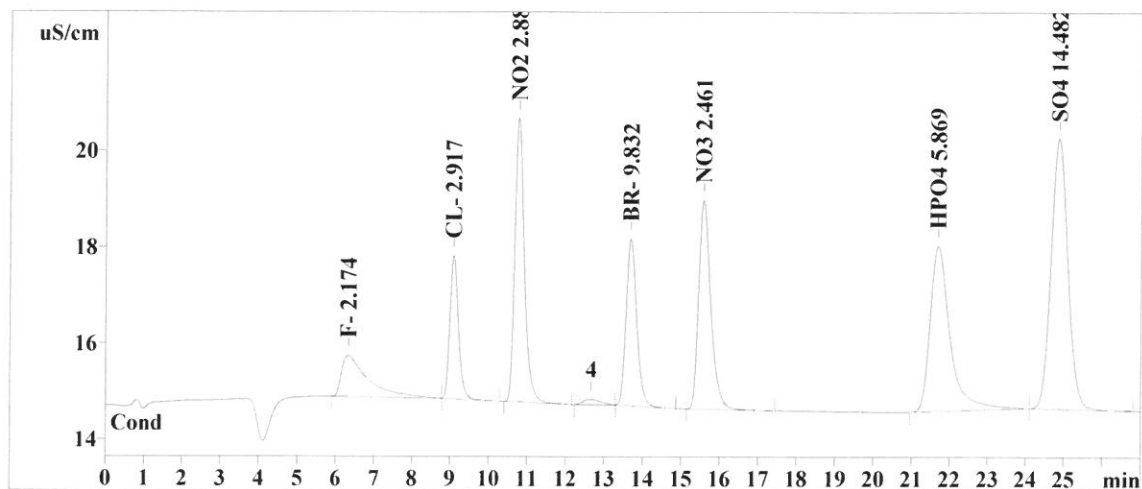
Ident: CCV
Analysis from: 6/27/2018 3:14:50 PM
File: _2018-06-27_

Last save: 6/27/2018 3:41:40 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62864

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	6.32	0.639	0.85	3.20	40.967	6.25	0.
2	9.08	0.228	2.97	11.14	45.071	6.88	0.
3	10.77	0.259	5.90	22.10	103.115	15.74	0.
4	13.69	0.295	3.47	12.99	67.158	10.25	0.
5	15.57	0.328	4.34	16.24	95.150	14.53	0.
6	21.69	0.511	3.43	12.85	126.036	19.24	0.
7	24.86	0.476	5.62	21.05	174.073	26.57	0.
7	27.00	0.391	26.58	99.58	651.571	99.47	0.

This report has been created by IC Net
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Report date: 6/28/2018 8:05:18 AM
Printed by: wet

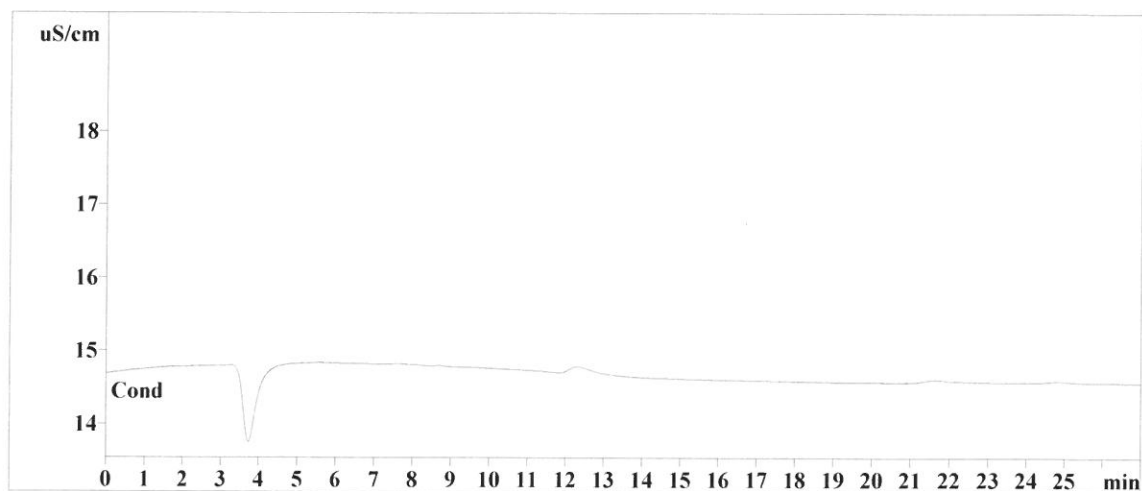
Ident: CCB
Analysis from: 6/27/2018 3:44:45 PM
File: _2018-06-27_

Last save: 6/28/2018 8:05:16 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62865

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

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METROHM LTD

Report date: 6/28/2018 8:08:06 AM
Printed by: wet

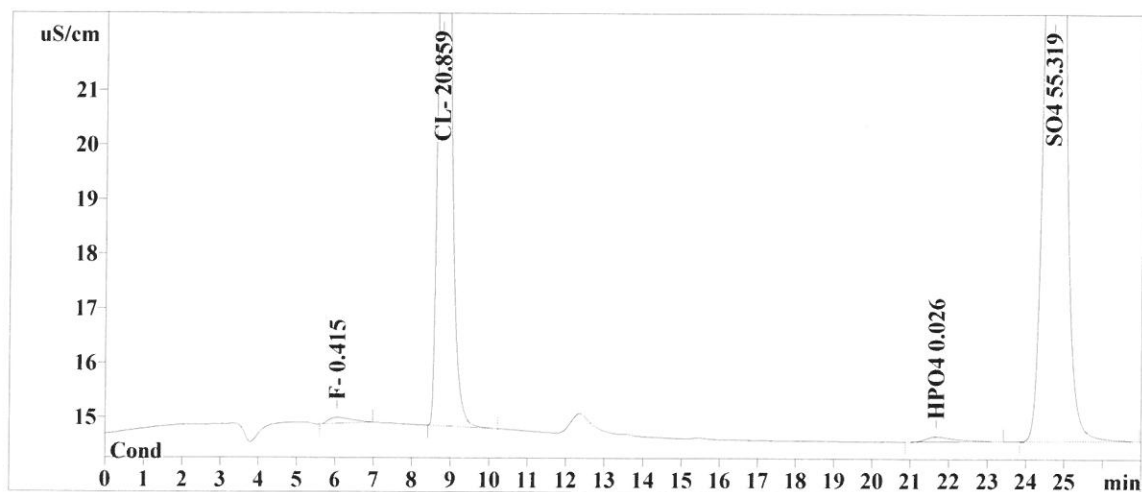
Ident: J3743-01
Analysis from: 6/27/2018 4:14:41 PM
File: _2018-06-27_

Last save: 6/28/2018 8:08:06 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62866

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

SAMPLE:
: AK/AP
Vial number: 25
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.05	0.688	0.11	0.27	4.689	0.45	0.
2	8.74	0.276	18.17	43.23	336.227	32.39	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	21.68	0.769	0.10	0.23	5.211	0.50	0.
7	24.67	0.442	23.66	56.28	691.881	66.65	0.
7	27.00	0.311	42.03	100.00	1038.008	100.00	0.

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Report date: 6/28/2018 8:08:21 AM
Printed by: wet

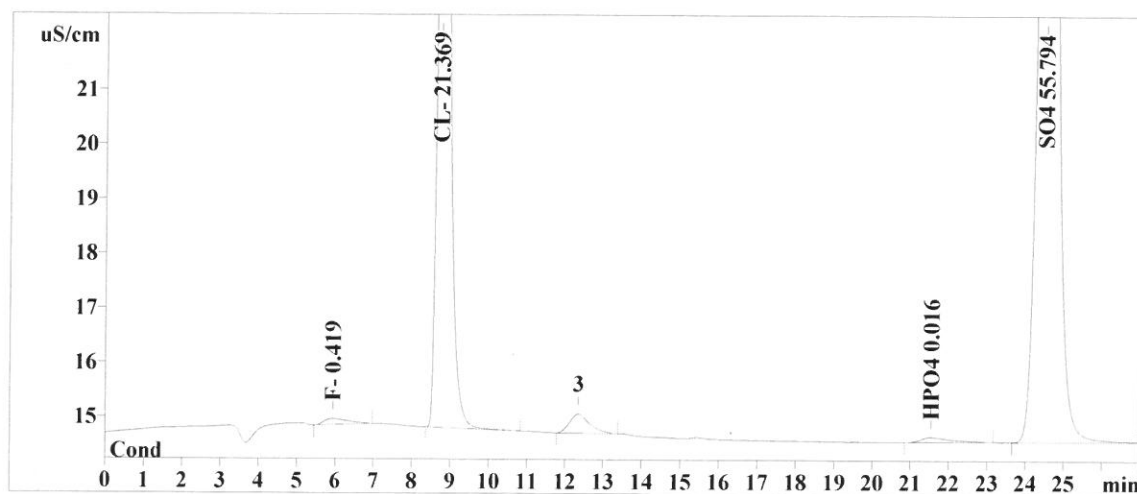
Ident: J3743-01DUP
Analysis from: 6/27/2018 4:44:36 PM
File: _2018-06-27_

Last save: 6/27/2018 5:11:26 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62867

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

SAMPLE:
: AK/AP
Vial number: 26
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.93	0.711	0.11	0.26	4.765	0.45	0.
2	8.73	0.281	18.23	42.98	344.499	32.34	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.54	0.765	0.09	0.22	5.012	0.47	0.
7	24.50	0.446	23.63	55.70	697.908	65.52	0.
7	27.00	0.315	42.07	99.16	1052.185	98.78	0.

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Report date: 6/28/2018 8:08:34 AM
Printed by: wet

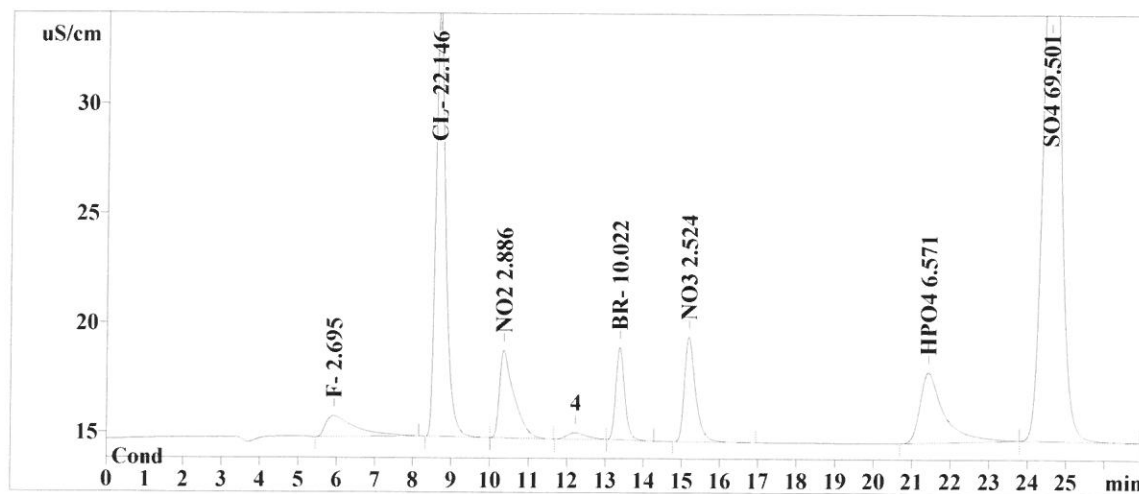
Ident: J3743-01MS
Analysis from: 6/27/2018 5:14:31 PM
File: _2018-06-27_

Last save: 6/27/2018 5:41:20 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62868

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

SAMPLE:
: AK/AP
Vial number: 27
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.92	0.763	0.95	1.43	51.698	3.04	0.
2	8.65	0.268	19.86	29.81	357.116	21.00	0.
3	10.35	0.381	3.99	5.99	103.260	6.07	0.
4	13.37	0.245	4.20	6.30	68.518	4.03	0.
5	15.18	0.299	4.77	7.16	97.681	5.74	0.
6	21.42	0.571	3.21	4.82	140.564	8.27	0.
7	24.56	0.451	29.35	44.05	871.708	51.26	0.
7	27.00	0.425	66.33	99.56	1690.545	99.41	0.

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Report date: 6/28/2018 8:08:45 AM
Printed by: wet

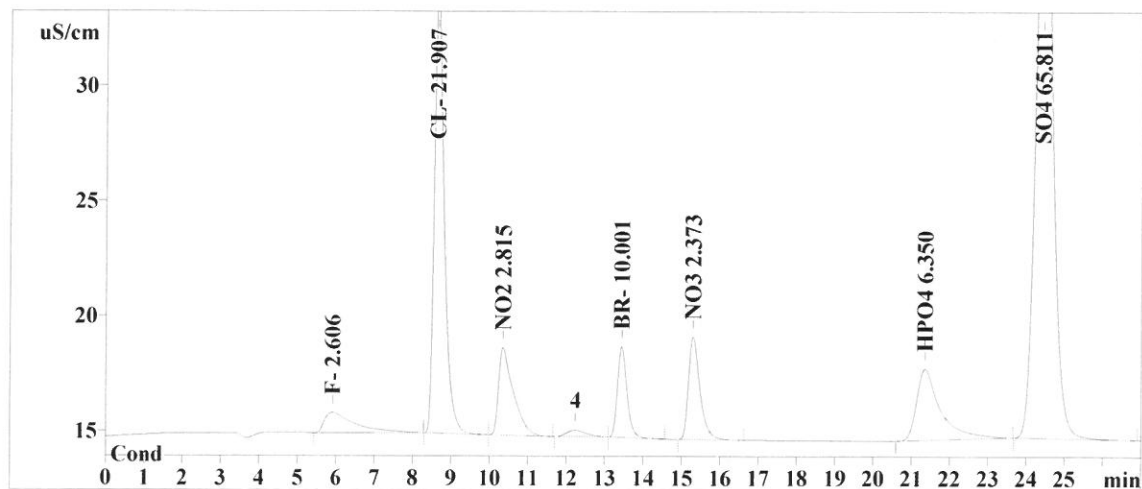
Ident: J3743-01MSD
Analysis from: 6/27/2018 5:44:27 PM
File: _2018-06-27_

Last save: 6/27/2018 6:11:16 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62869

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

SAMPLE:
: 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	5.90	0.765	0.90	1.41	49.875	3.05	0.
2	8.62	0.272	19.31	30.30	353.243	21.61	0.
3	10.35	0.392	3.80	5.96	100.580	6.15	0.
4	13.43	0.261	3.94	6.18	68.365	4.18	0.
5	15.29	0.302	4.45	6.99	91.580	5.60	0.
6	21.35	0.578	3.09	4.86	135.985	8.32	0.
7	24.41	0.447	27.95	43.85	824.926	50.46	0.
7	27.00	0.431	63.44	99.54	1624.552	99.37	0.

This report has been created by IC Net
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Report date: 6/28/2018 8:09:22 AM
Printed by: wet

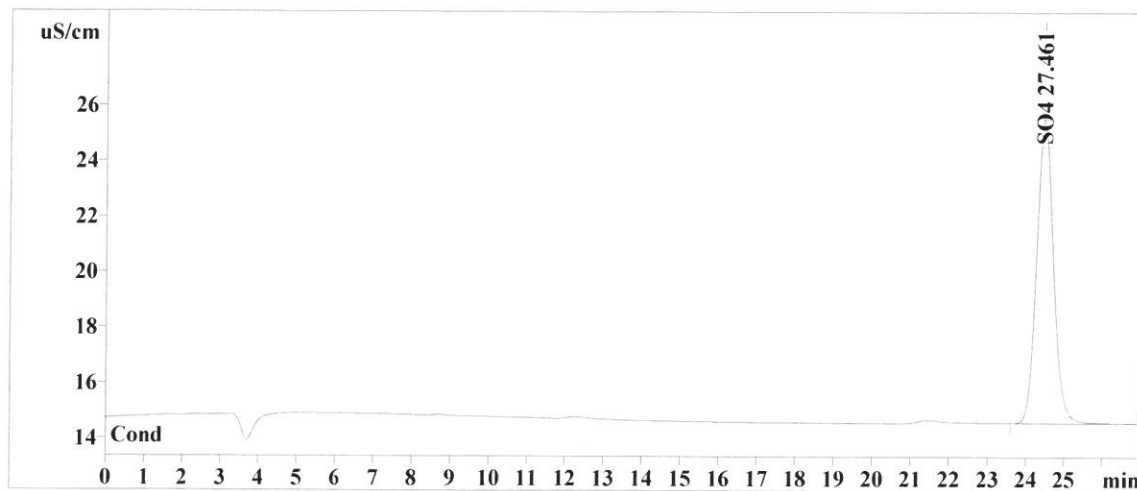
Ident: J3738-04DLX50
Analysis from: 6/27/2018 6:14:22 PM
File: _2018-06-27_

Last save: 6/28/2018 8:09:14 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62870

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

SAMPLE:
: 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	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	24.46	0.466	10.98	100.00	338.642	100.00	0.
7	27.00	0.067	10.98	100.00	338.642	100.00	0.

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Report date: 6/28/2018 8:18:18 AM
Printed by: wet

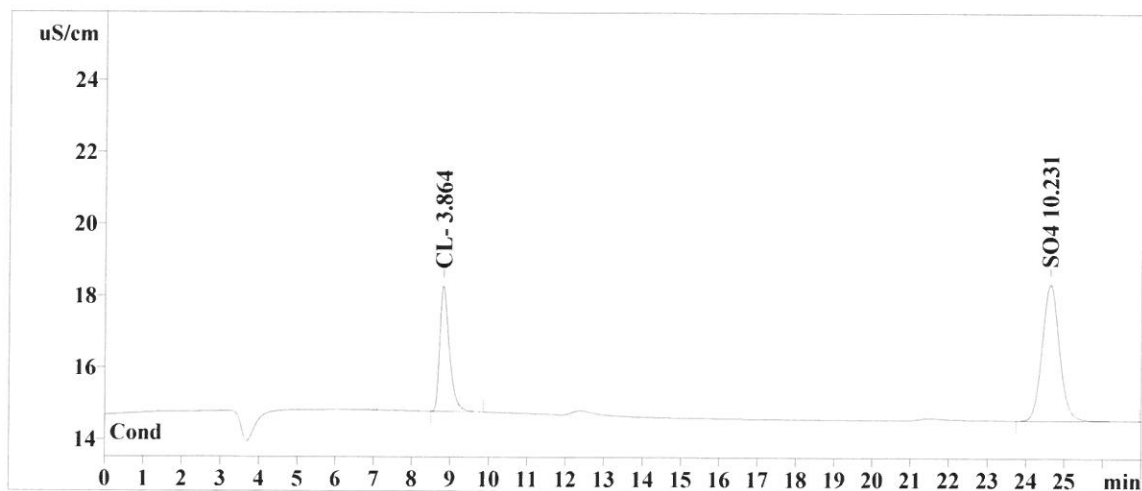
Ident: J3743-01DLX5
Analysis from: 6/27/2018 6:44:17 PM
File: _2018-06-27_

Last save: 6/28/2018 8:18:16 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62871

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

SAMPLE:
: 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	8.81	0.256	3.49	47.89	60.444	33.47	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	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	24.62	0.480	3.79	52.10	120.169	66.53	0.
7	27.00	0.105	7.28	99.99	180.613	100.00	0.

This report has been created by IC Net
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Report date: 6/28/2018 8:18:36 AM
Printed by: wet

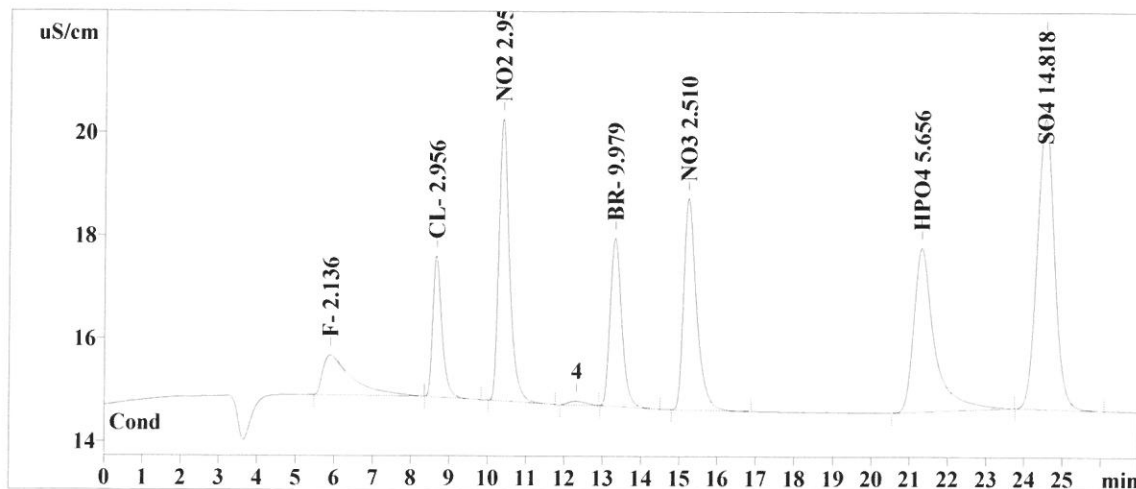
Ident: CCV
Analysis from: 6/27/2018 7:14:13 PM
File: _2018-06-27_

Last save: 6/27/2018 7:41:02 PM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62872

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	0.716	0.78	3.07	40.167	6.09	0.
2	8.65	0.248	2.73	10.82	45.708	6.93	0.
3	10.37	0.285	5.48	21.68	106.017	16.07	0.
4	13.31	0.316	3.26	12.91	68.213	10.34	0.
5	15.23	0.346	4.11	16.25	97.117	14.72	0.
6	21.29	0.508	3.18	12.60	121.640	18.44	0.
7	24.52	0.481	5.64	22.33	178.322	27.04	0.
7	27.00	0.414	25.18	99.68	657.184	99.64	0.

This report has been created by IC Net
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Report date: 6/28/2018 8:18:54 AM
Printed by: wet

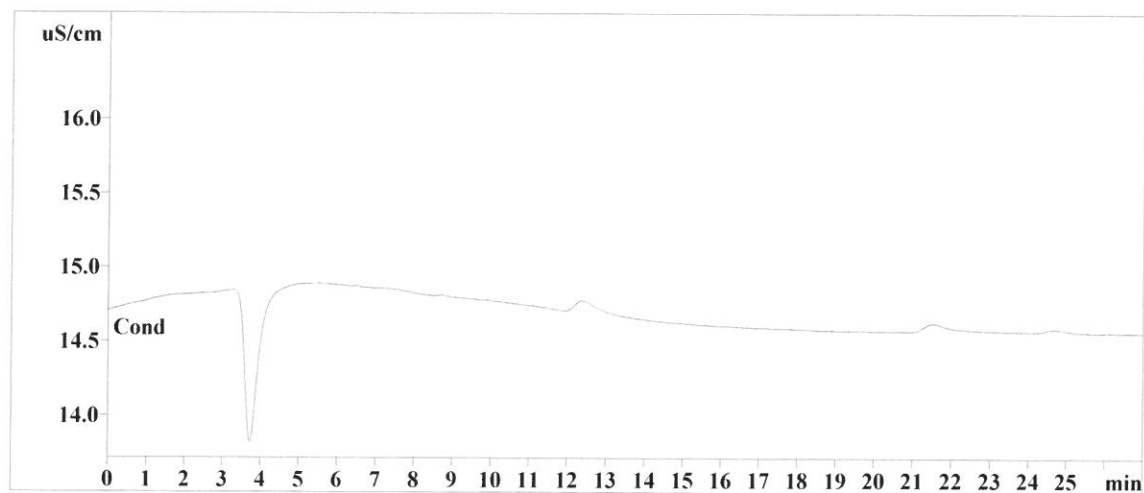
Ident: CCB
Analysis from: 6/27/2018 7:44:08 PM
File: _2018-06-27_

Last save: 6/28/2018 8:18:54 AM

Method: ANIONS 06-11-18.mtw
Run operator: wet
Analysis number: 62873

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

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