

Clear table

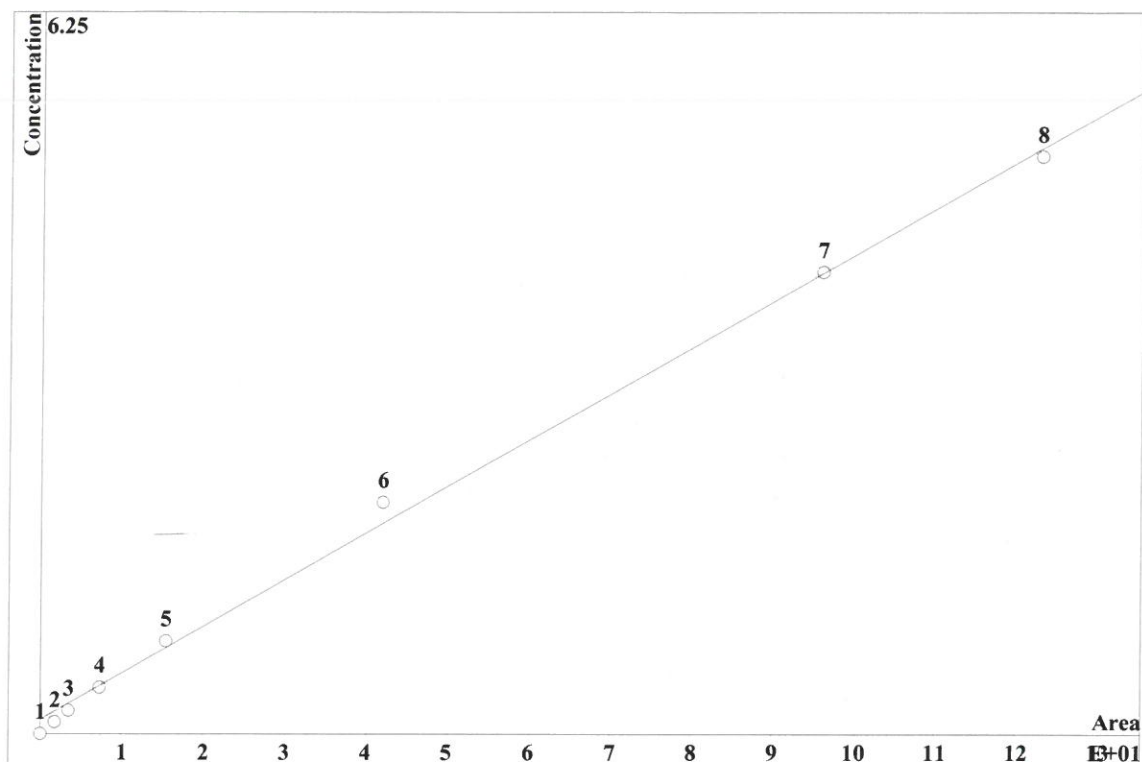
M300.0
IC-1 NO-
03-20-19

ident	concentra tion F-	concentrati on CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-03-05_	3/5/19 16:02		AK/AP
STD2	0.1950	0.2100	0.2250	0.7370	0.1900	0.0560	1.2360	_2019-03-05_	3/5/19 16:31		AK/AP
STD3	0.2630	0.3490	0.3570	1.1810	0.3000	0.4170	1.8370	_2019-03-05_	3/5/19 17:01		AK/AP
STD4	0.4150	0.6220	0.6150	2.0530	0.5150	1.0860	3.1590	_2019-03-05_	3/5/19 17:30		AK/AP
STD5	0.7440	1.1630	1.1610	3.8570	0.9630	2.1770	5.7470	_2019-03-05_	3/5/19 18:00		AK/AP
STD6	1.8190	2.8790	2.8470	9.5650	2.3800	5.1210	14.0260	_2019-03-05_	3/5/19 18:29		AK/AP
STD7	3.9910	5.9160	5.9430	19.7310	4.9180	9.8910	29.5330	_2019-03-05_	3/5/19 18:59		AK/AP
STD8	5.0720	7.6110	7.6010	25.3750	6.3580	12.5020	38.2110	_2019-03-05_	3/5/19 19:28		AK/AP
ICV	2.0300	2.9500	2.9330	9.6960	2.4100	5.4390	14.2470	_2019-03-05_	3/5/19 19:57		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-03-05_	3/5/19 20:27		AK/AP
CCV	1.8480	2.9580	2.9060	9.9320	2.4100	4.9320	14.5490	_2019-03-19_	3/19/19 8:13		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-03-19_	3/19/19 8:52		AK/AP
LB101471BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-03-19_	3/19/19 9:22		AK/AP
LB101471BSW	1.9260	2.8690	2.8020	9.4590	2.3400	5.1710	13.9020	_2019-03-19_	3/19/19 9:51		AK/AP
K1985-04	0.0000	135.4720	0.0000	0.8340	1.8080	0.0000	15.2170	_2019-03-19_	3/19/19 10:21		AK/AP
K1985-02	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-03-19_	3/19/19 10:50		AK/AP
K1964-05	0.0000	37.5280	0.0000	0.0000	0.0000	0.1960	4.0470	_2019-03-19_	3/19/19 11:20		AK/AP
K1964-05DUP	0.0000	37.6970	0.0000	0.0000	0.0000	0.1810	4.0160	_2019-03-19_	3/19/19 11:49		AK/AP
K1964-05MS	2.5880	37.6890	2.8260	9.9170	2.4170	6.3780	18.1700	_2019-03-19_	3/19/19 12:18		AK/AP
K1964-05MSD	2.5550	37.9130	2.7070	9.6420	2.3510	6.4850	17.7830	_2019-03-19_	3/19/19 12:48		AK/AP
CCV	2.0470	2.9790	2.9200	9.9580	2.4710	5.3220	14.5290	_2019-03-19_	3/19/19 13:17		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-03-19_	3/19/19 13:47		AK/AP
K1963-12DLX10	0.0000	5.8260	0.0000	0.0000	0.4370	0.0000	1.7840	_2019-03-19_	3/19/19 14:16		AK/AP
K1985-04DLX20	0.0000	4.7870	0.0000	0.0000	0.1420	0.0000	1.2630	_2019-03-19_	3/19/19 15:23		AK/AP
K1560-09	0.1810	0.2190	0.2170	0.7680	0.1810	0.0500	1.2350	_2019-03-19_	3/19/19 17:03		AK/AP
K1963-07DLX5	0.0000	3.3550	0.0000	0.0000	0.4670	0.0000	1.7580	_2019-03-19_	3/19/19 17:32		AK/AP
CCV	2.0190	2.8500	2.8090	9.6200	2.3900	4.9900	13.8340	_2019-03-19_	3/19/19 18:01		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-03-19_	3/19/19 18:31		AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.804925 \cdot A + 2.50321$
 RSD: 5.846 %
 Correlation coefficient: 0.998841

IC-1 ~~8-0~~
 Col 03-05-19
 AR



K3 = 0 K2 = 0 K1 = 0.804925 K0 = 2.50321

Base: Area

Ref.channel: Cond

ISTD:

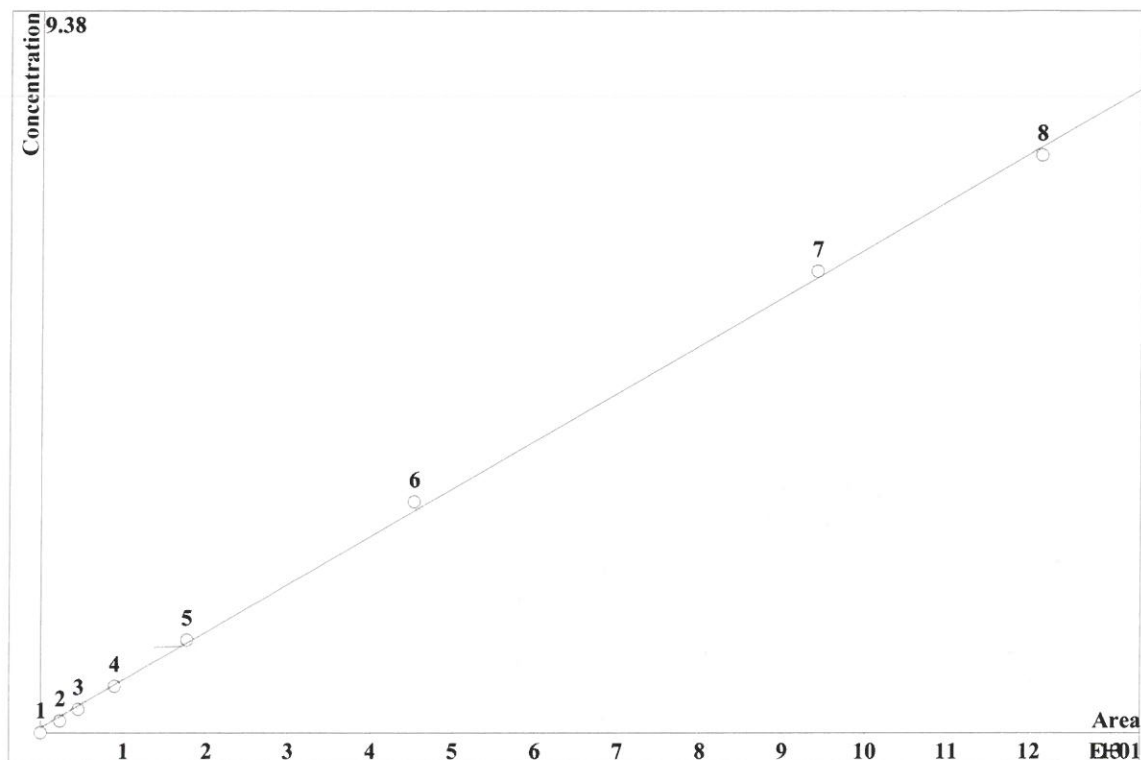
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0		0	No
2	0.05848	1.744	0.1	20	5.913			Yes
3	0.1245	3.437	0.2	20	5.913			Yes
4	0.2695	7.209	0.4	20	5.913			Yes
5	0.5744	15.37	0.8	20	5.913			Yes
6	1.596	42.09	2	20	5.913			Yes
7	3.504	96.06	4	20	5.913			Yes
8	4.463	122.9	5	20	5.913			Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.24374 \cdot A + 1.27387$
 RSD: 3.431 %
 Correlation coefficient: 0.999601



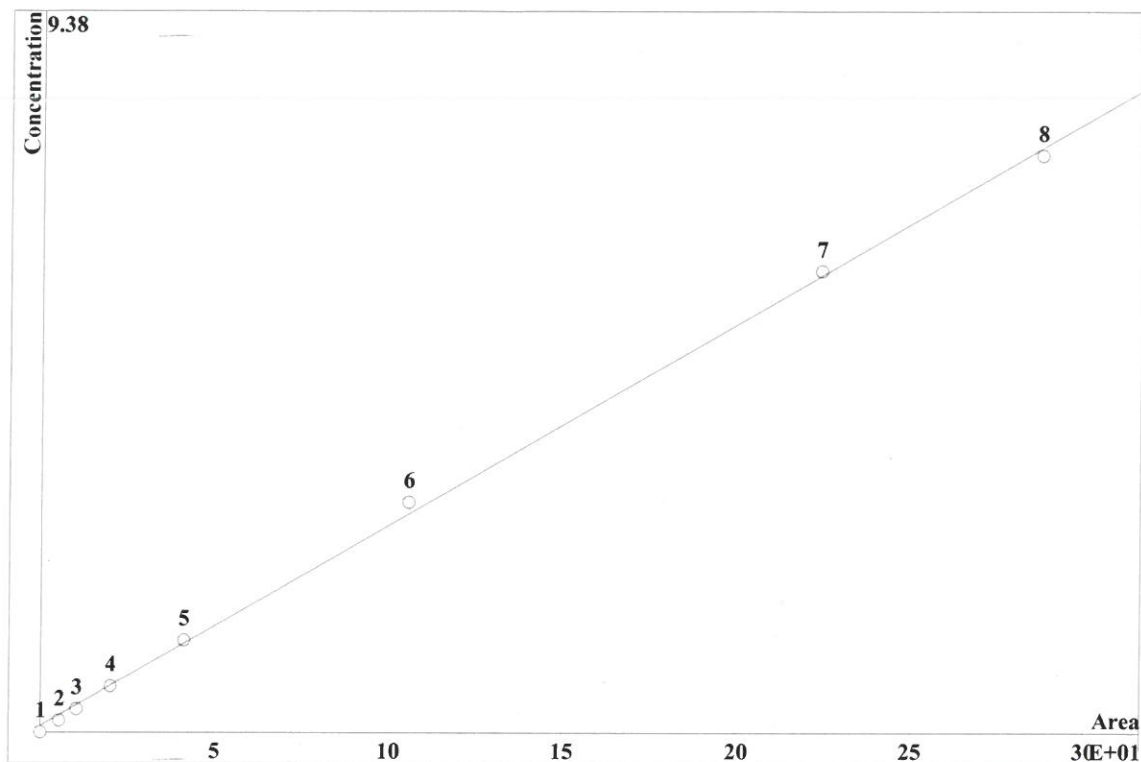
K3 = 0 K2 = 0 K1 = 1.24374 K0 = 1.27387

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	0.1378	2.359	0.15	20	8.858			Yes
3	0.2672	4.595	0.3	20	8.858			Yes
4	0.5199	8.974	0.6	20	8.858			Yes
5	1.042	17.67	1.2	20	8.858			Yes
6	2.693	45.27	3	20	8.858			Yes
7	5.632	94.1	6	20	8.858			Yes
8	7.317	121.4	7.5	20	8.858			Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.523191 \cdot A + 1.70358$
 RSD: 3.640 %
 Correlation coefficient: 0.999551



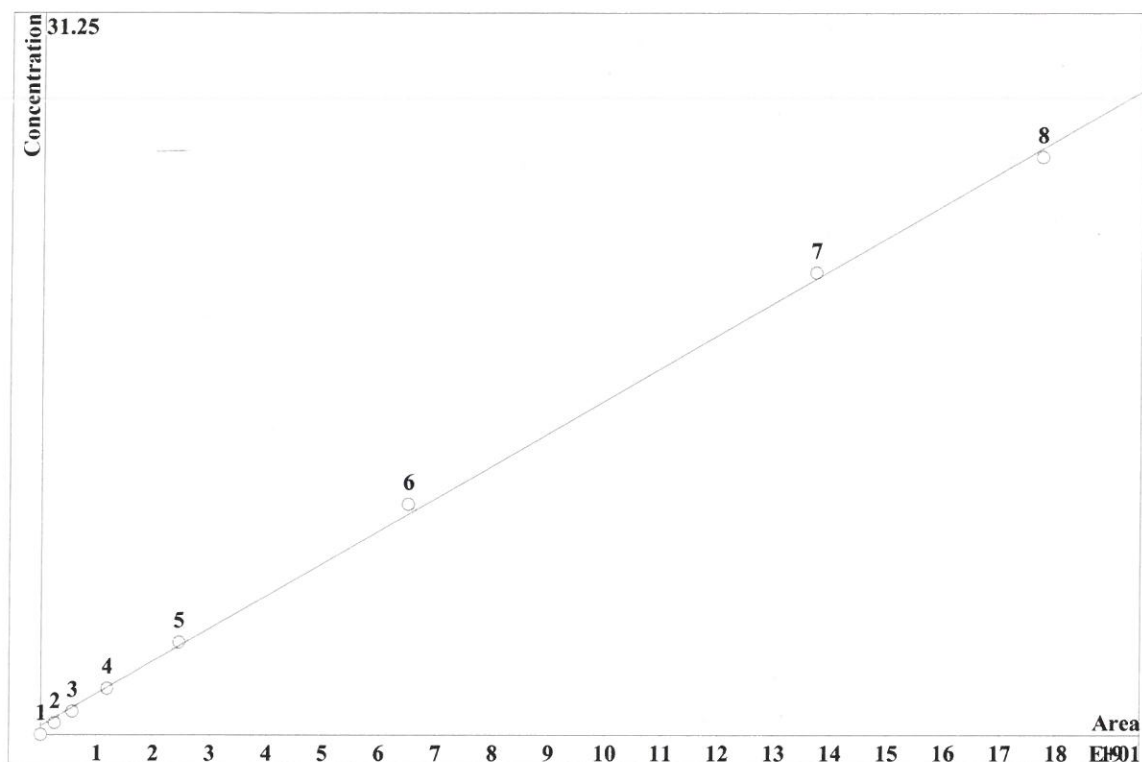
K3 = 0 K2 = 0 K1 = 0.523191 K0 = 1.70358

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	0.2585	5.357	0.15	20	10.65			Yes
3	0.5158	10.38	0.3	20	10.65			Yes
4	1.042	20.25	0.6	20	10.65			Yes
5	2.128	41.14	1.2	20	10.65			Yes
6	5.551	105.6	3	20	10.65			Yes
7	11.6	223.9	6	20	10.65			Yes
8	14.93	287.3	7.5	20	10.65			Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 2.82009 \cdot A + 7.76849$
 RSD: 3.594 %
 Correlation coefficient: 0.999562



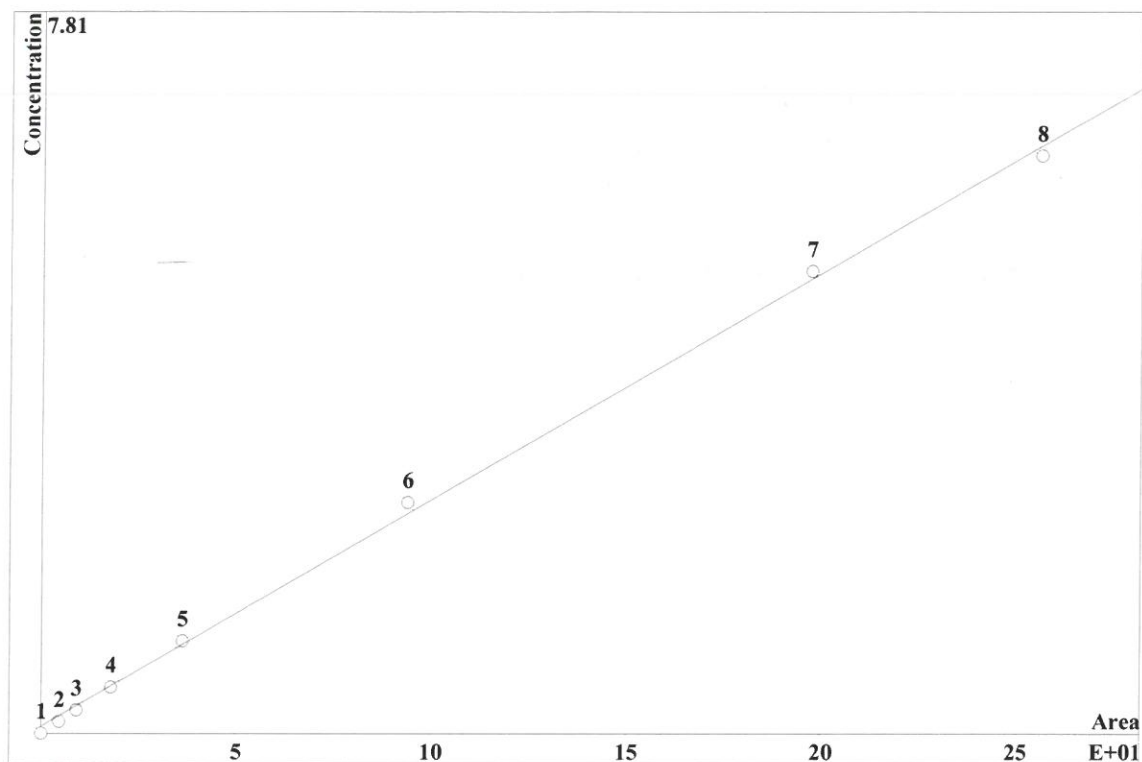
K3 = 0 K2 = 0 K1 = 2.82009 K0 = 7.76849

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	0.1234	2.473	0.5	20	13.72			Yes
3	0.2646	5.624	1	20	13.72			Yes
4	0.5553	11.81	2	20	13.72			Yes
5	1.14	24.6	4	20	13.72			Yes
6	2.942	65.08	10	20	13.72			Yes
7	5.927	137.2	20	20	13.72			Yes
8	7.449	177.2	25	20	13.72			Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 0.490563 \cdot A + 1.54373$
 RSD: 4.068 %
 Correlation coefficient: 0.999439



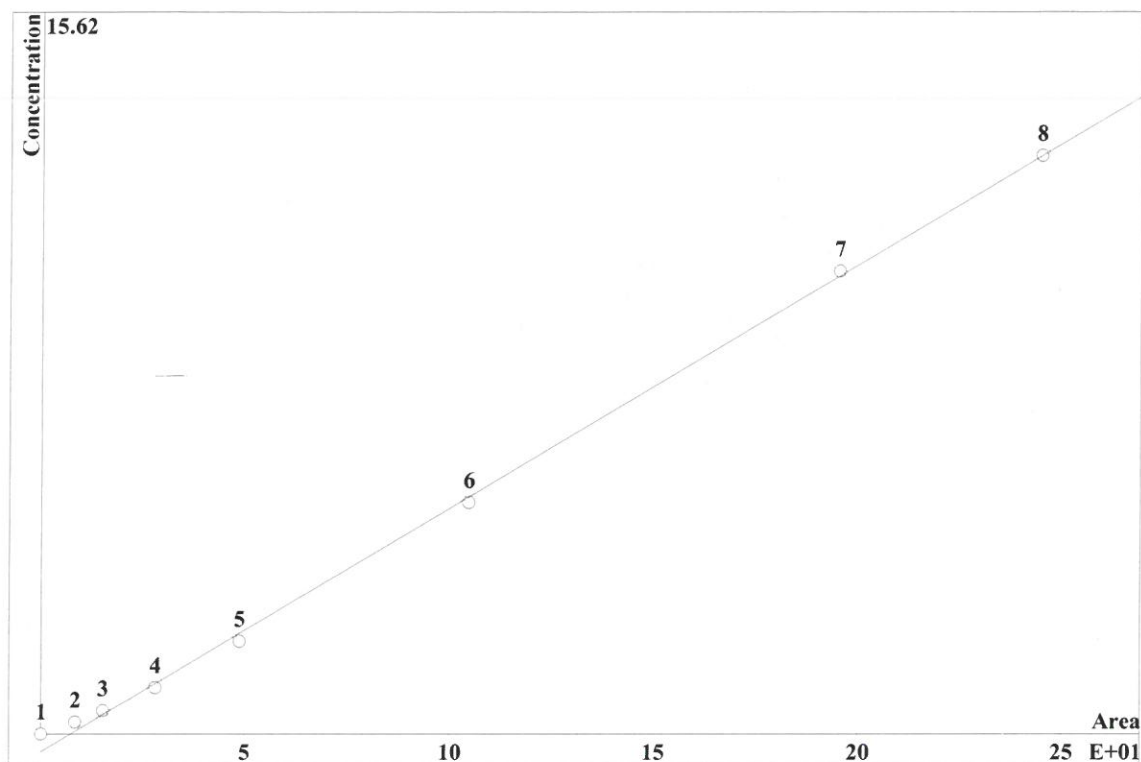
K3 = 0 K2 = 0 K1 = 0.490563 K0 = 1.54373

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	0.1812	4.602	0.125	20	15.65	Yes		Yes
3	0.3607	9.092	0.25	20	15.65	Yes		Yes
4	0.7284	17.86	0.5	20	15.65	Yes		Yes
5	1.48	36.13	1	20	15.65	Yes		Yes
6	3.872	93.87	2.5	20	15.65	Yes		Yes
7	8.278	197.4	5	20	15.65	Yes		Yes
8	10.82	256.1	6.25	20	15.65	Yes		Yes

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.05291 \cdot A - 7.73973$
 RSD: 3.321 %
 Correlation coefficient: 0.999626



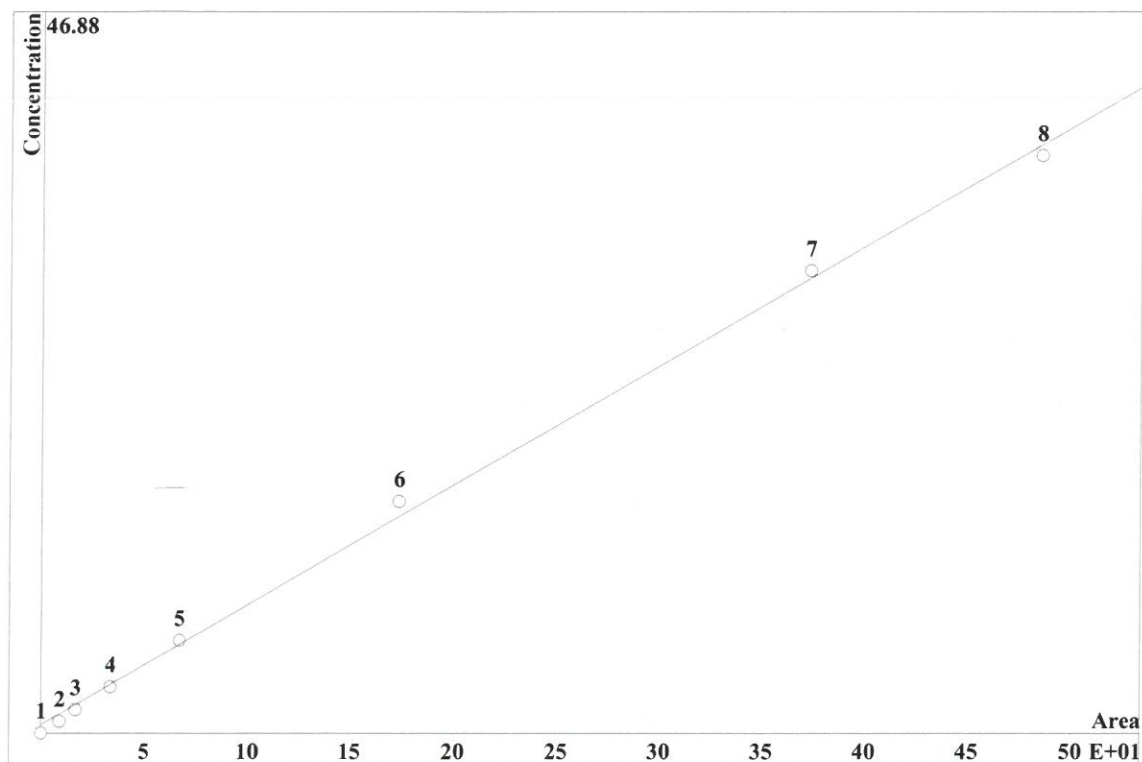
K3 = 0 K2 = 0 K1 = 1.05291 K0 = -7.73973

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	0.185	8.412	0.25	20	21.48	Yes		
3	0.3481	15.27	0.5	20	21.48	Yes		
4	0.6551	27.98	1	20	21.48	Yes		
5	1.199	48.71	2	20	21.48	Yes		
6	2.752	104.6	5	20	21.48	Yes		
7	5.446	195.2	10	20	21.48	Yes		
8	6.973	244.8	12.5	20	21.48	Yes		

CALIBRATION OF COMPONENT SO4

Method: ANIONS 03-05-19.mtw
 Equation: $Q = 1.55143 \cdot A + 10.9562$
 RSD: 4.851 %
 Correlation coefficient: 0.999202



K3 = 0 K2 = 0 K1 = 1.55143 K0 = 10.9562

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	0.276	8.873	0.75	20	25.17			Yes
3	0.539	16.62	1.5	20	25.17			Yes
4	1.084	33.66	3	20	25.17			Yes
5	2.197	67.03	6	20	25.17			Yes
6	5.818	173.8	15	20	25.17			Yes
7	12.54	373.7	30	20	25.17			Yes
8	16.37	485.5	37.5	20	25.17			Yes

Report date: 3/6/2019 8:51:35 AM
Printed by: wet

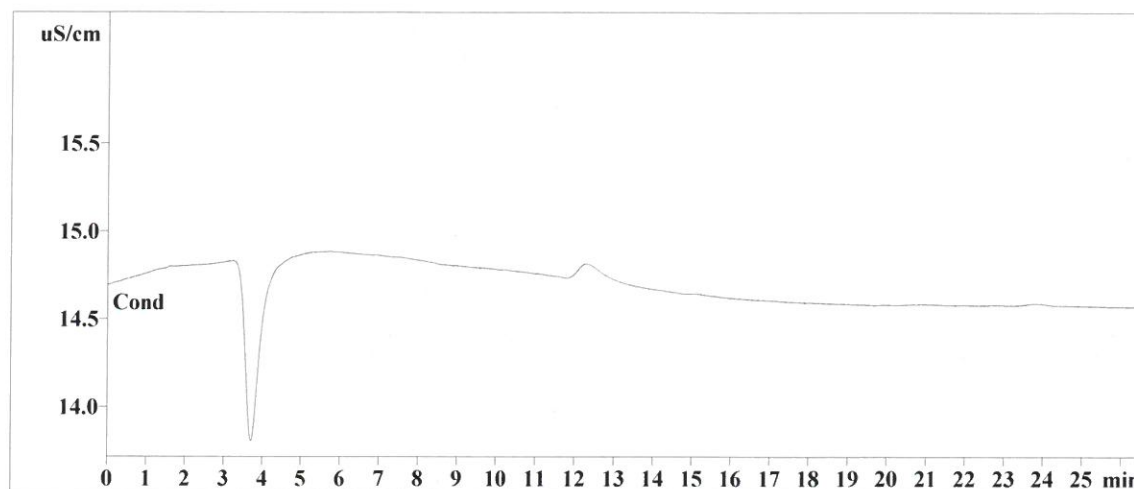
Ident: STD1
Analysis from: 3/5/2019 4:02:28 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65511

Last save: 3/5/2019 7:25:20 PM

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: 3/6/2019 8:51:47 AM
Printed by: wet

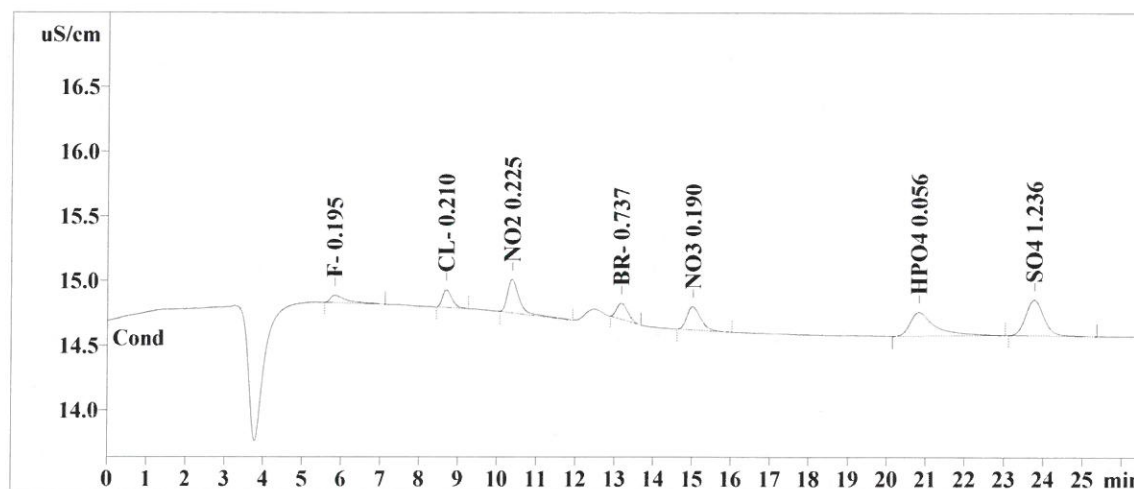
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Analysis from: 3/5/2019 4:31:54 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65512

Last save: 3/5/2019 7:25:20 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.390	0.06	4.74	1.744	5.16	0.
2	8.70	0.260	0.14	11.22	2.359	6.98	0.
3	10.38	0.289	0.26	21.16	5.357	15.84	0.
4	13.17	0.321	0.12	10.08	2.473	7.31	0.
5	15.01	0.385	0.18	14.80	4.602	13.61	0.
6	20.82	0.594	0.18	15.11	8.412	24.87	0.
7	23.76	0.483	0.28	22.57	8.873	26.24	0.
7	26.50	0.389	1.22	99.68	33.820	100.00	0.

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Report date: 3/6/2019 8:51:55 AM
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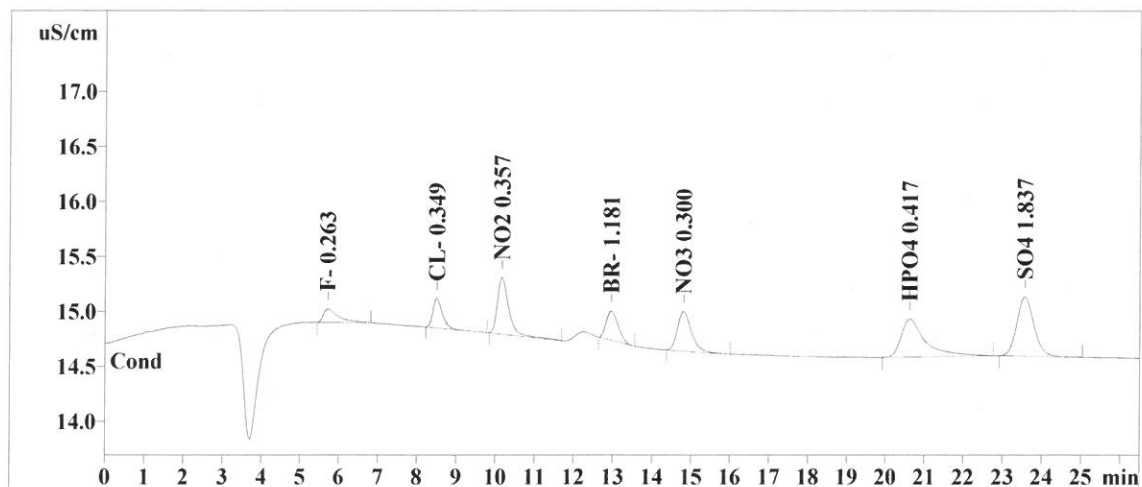
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Analysis from: 3/5/2019 5:01:19 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65513

Last save: 3/5/2019 7:25:20 PM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.70	0.378	0.12	5.12	3.437	5.29	0.
2	8.50	0.257	0.27	11.02	4.595	7.07	0.
3	10.16	0.287	0.52	21.30	10.378	15.96	0.
4	12.96	0.336	0.26	10.91	5.624	8.65	0.
5	14.80	0.381	0.36	14.90	9.092	13.99	0.
6	20.62	0.573	0.35	14.37	15.268	23.49	0.
7	23.56	0.469	0.54	22.25	16.617	25.56	0.
7	26.50	0.383	2.42	99.87	65.009	100.00	0.

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Report date: 3/6/2019 8:52:02 AM
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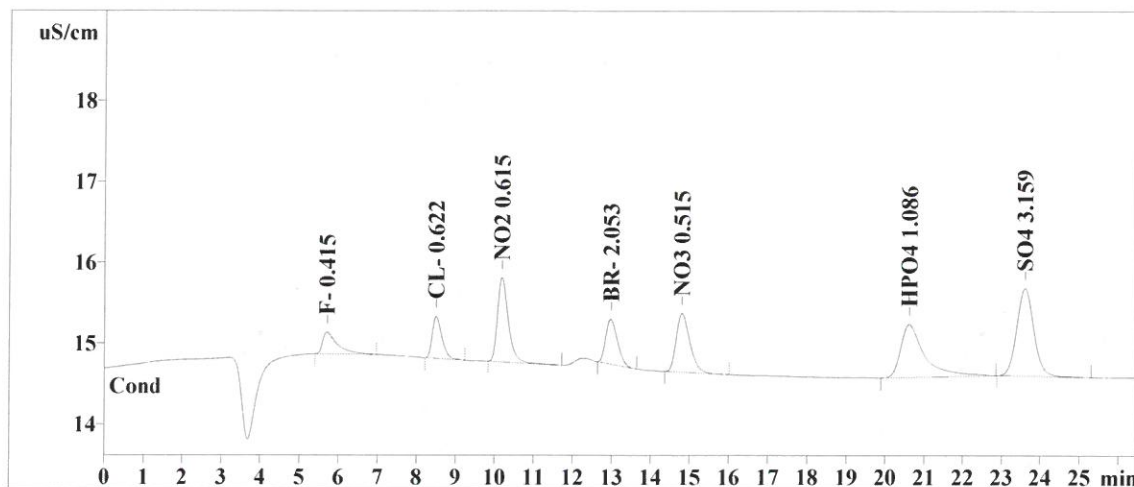
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Analysis from: 3/5/2019 5:30:44 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65514

Last save: 3/5/2019 7:25:20 PM

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.69	0.365	0.27	5.54	7.209	5.64	0.
2	8.50	0.262	0.52	10.69	8.974	7.03	0.
3	10.18	0.286	1.04	21.47	20.252	15.85	0.
4	12.97	0.334	0.55	11.43	11.807	9.24	0.
5	14.80	0.374	0.73	14.99	17.858	13.98	0.
6	20.61	0.561	0.65	13.48	27.979	21.90	0.
7	23.59	0.471	1.08	22.32	33.663	26.35	0.
7	26.50	0.379	4.85	99.92	127.743	100.00	0.

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Report date: 3/6/2019 8:52:08 AM
Printed by: wet

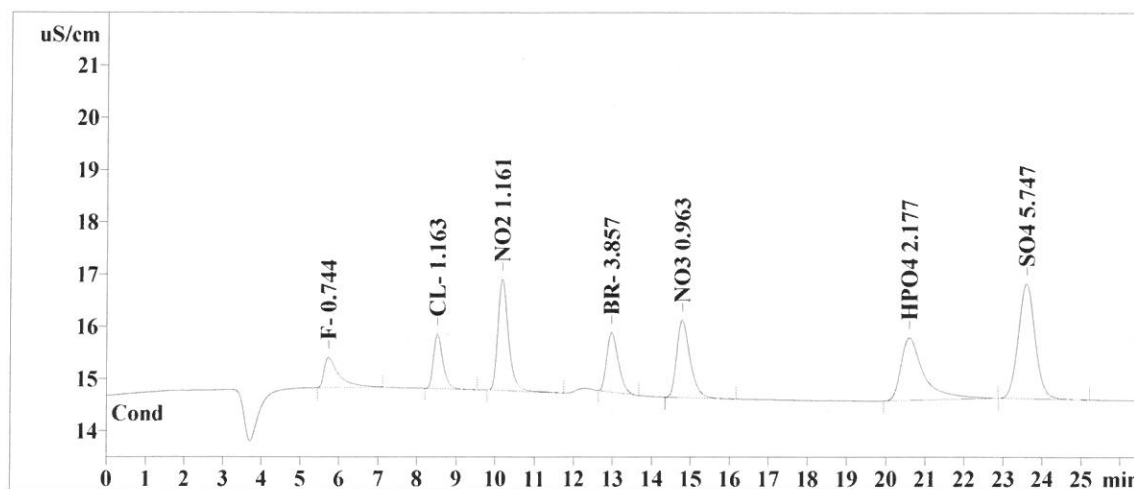
Ident: STD5
Analysis from: 3/5/2019 6:00:09 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65515

Last save: 3/5/2019 7:25:20 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.363	0.57	5.87	15.370	6.13	0.
2	8.51	0.254	1.04	10.68	17.672	7.05	0.
3	10.17	0.284	2.13	21.80	41.139	16.41	0.
4	12.97	0.337	1.14	11.68	24.601	9.82	0.
5	14.78	0.370	1.48	15.16	36.130	14.41	0.
6	20.59	0.537	1.20	12.29	48.709	19.43	0.
7	23.57	0.465	2.20	22.50	67.028	26.74	0.
7	26.50	0.373	9.76	99.98	250.651	100.00	0.

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Report date: 3/6/2019 8:52:15 AM
Printed by: wet

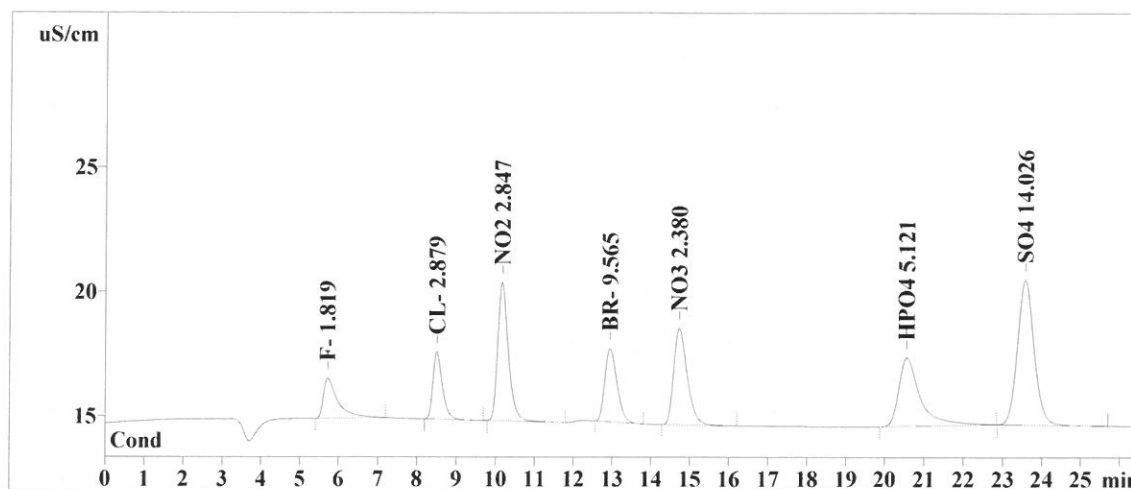
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Analysis from: 3/5/2019 6:29:34 PM
File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65516

Last save: 3/5/2019 7:25:20 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.71	0.358	1.60	6.32	42.090	6.68	0.
2	8.50	0.251	2.69	10.67	45.265	7.18	0.
3	10.15	0.282	5.55	22.00	105.573	16.75	0.
4	12.94	0.345	2.94	11.66	65.077	10.33	0.
5	14.72	0.367	3.87	15.35	93.867	14.89	0.
6	20.56	0.508	2.75	10.91	104.625	16.60	0.
7	23.56	0.454	5.82	23.06	173.754	27.57	0.
7	26.50	0.366	25.22	99.99	630.251	100.00	0.

This report has been created by IC Net
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Report date: 3/6/2019 8:52:22 AM
Printed by: wet

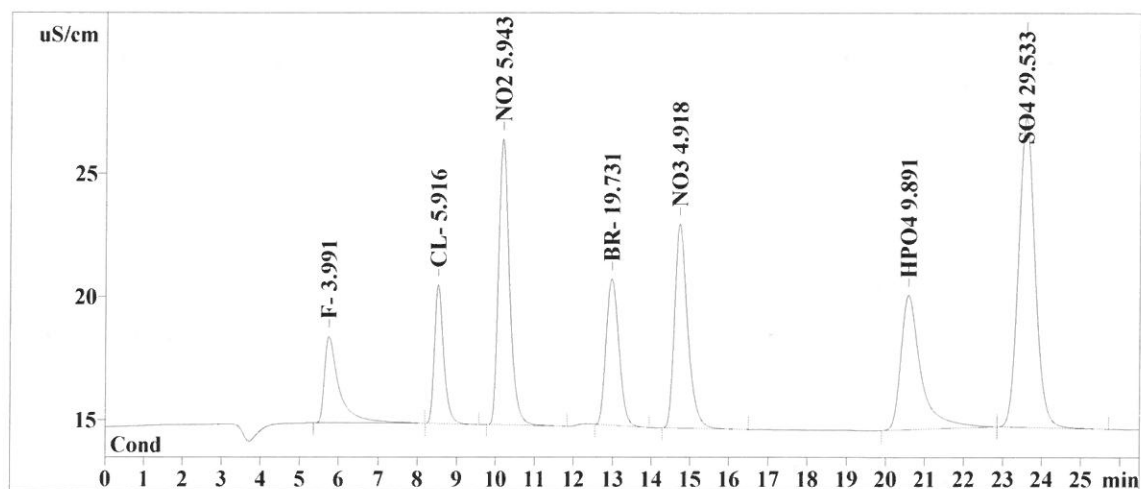
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File: _2019-03-05_

Last save: 3/6/2019 8:40:40 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65517

Last save: 3/5/2019 7:25:20 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	5.73	0.357	3.50	6.62	96.056	7.29	0.
2	8.53	0.249	5.63	10.64	94.102	7.14	0.
3	10.17	0.287	11.60	21.91	223.939	17.00	0.
4	12.97	0.363	5.93	11.20	137.180	10.41	0.
5	14.72	0.358	8.28	15.64	197.370	14.98	0.
6	20.57	0.486	5.45	10.29	195.238	14.82	0.
7	23.58	0.452	12.54	23.69	373.664	28.36	0.
7	26.50	0.365	52.92	100.00	1317.548	100.00	0.

This report has been created by IC Net
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Report date: 3/6/2019 8:52:32 AM
Printed by: wet

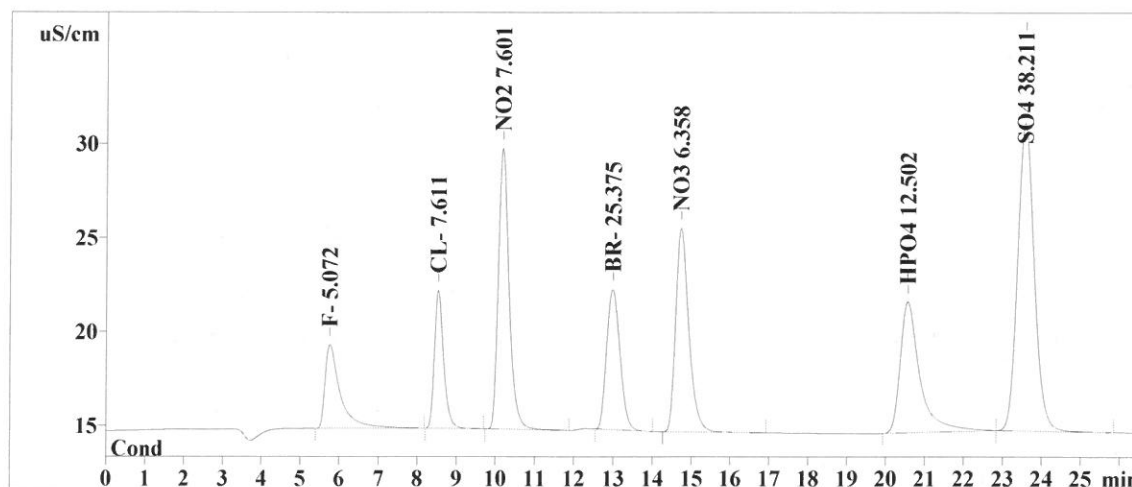
Ident: STD8
Analysis from: 3/5/2019 7:28:25 PM
File: _2019-03-05_

Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65518

Last save: 3/6/2019 8:41:34 AM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.75	0.366	4.46	6.53	122.913	7.25	0.
2	8.53	0.247	7.32	10.71	121.372	7.16	0.
3	10.17	0.285	14.93	21.85	287.324	16.95	0.
4	12.98	0.375	7.45	10.90	177.205	10.45	0.
5	14.71	0.356	10.82	15.84	256.077	15.11	0.
6	20.55	0.478	6.97	10.21	244.820	14.44	0.
7	23.56	0.451	16.37	23.95	485.529	28.64	0.
7	26.50	0.365	68.32	100.00	1695.239	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/6/2019 8:52:42 AM
Printed by: wet

Ident: ICV
Analysis from: 3/5/2019 7:57:50 PM
File: _2019-03-05_

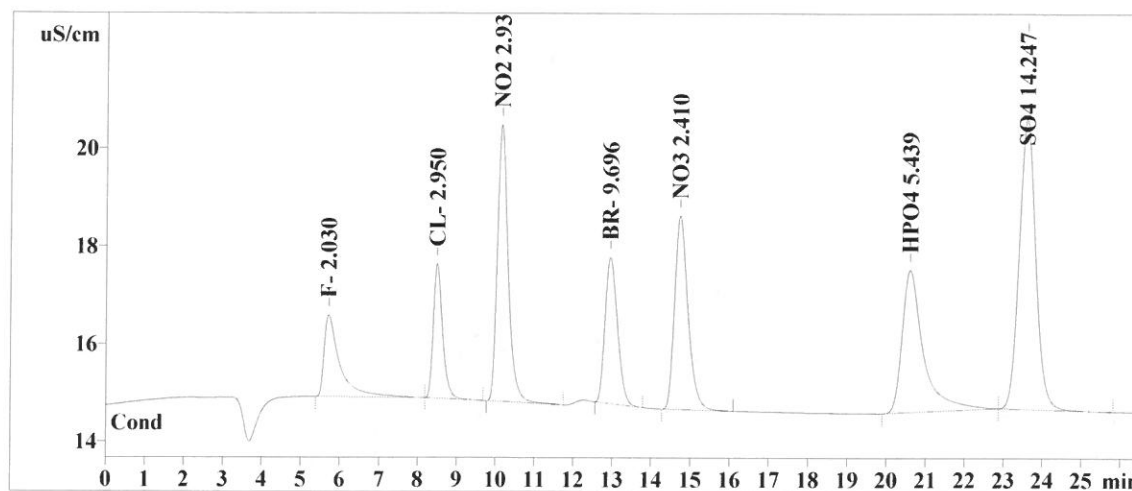
Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65519

Last save: 3/6/2019 8:41:34 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	5.70	0.364	1.66	6.43	47.318	7.27	0.
2	8.48	0.252	2.75	10.63	46.407	7.13	0.
3	10.14	0.284	5.66	21.88	108.852	16.72	0.
4	12.94	0.345	2.99	11.56	66.007	10.14	0.
5	14.72	0.364	3.95	15.29	95.092	14.61	0.
6	20.59	0.509	2.91	11.25	110.672	17.00	0.
7	23.58	0.452	5.93	22.95	176.602	27.13	0.
7	26.50	0.367	25.85	99.99	650.950	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/6/2019 8:52:53 AM
Printed by: wet

Ident: ICB
Analysis from: 3/5/2019 8:27:15 PM
File: _2019-03-05_

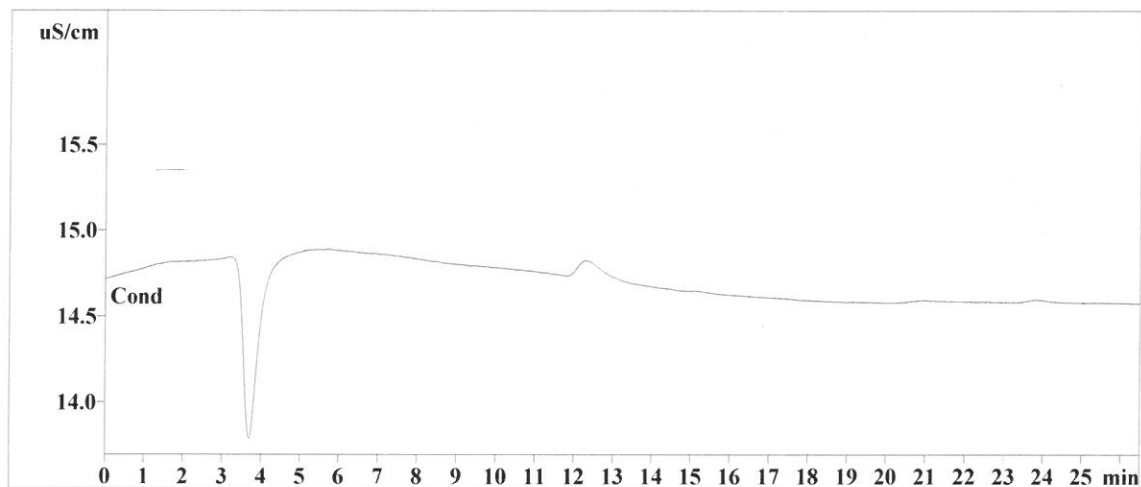
Last save: 3/6/2019 8:41:52 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65520

Last save: 3/6/2019 8:41:34 AM

SAMPLE:

: AK/AP
Vial number: 11
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: 3/20/2019 10:38:39 AM
Printed by: wet

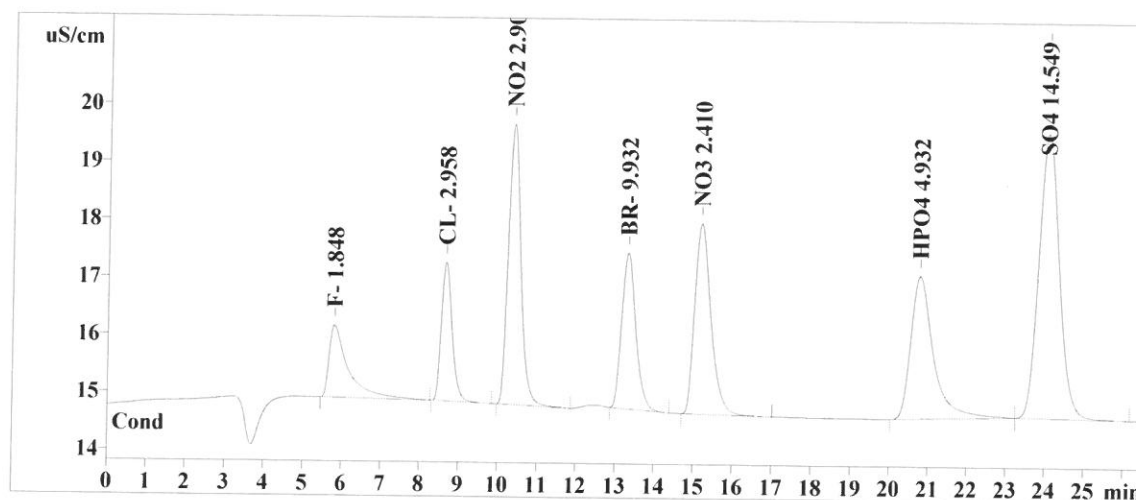
Ident: CCV
Analysis from: 3/19/2019 8:13:23 AM
File: _2019-03-19_

Last save: 3/19/2019 8:39:42 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65927

Last save: 3/18/2019 5:08:44 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.435	1.25	5.71	42.797	6.67	0.
2	8.65	0.296	2.40	10.96	46.547	7.26	0.
3	10.36	0.339	4.86	22.17	107.822	16.81	0.
4	13.30	0.382	2.70	12.33	67.684	10.55	0.
5	15.17	0.436	3.30	15.05	95.089	14.82	0.
6	20.76	0.574	2.47	11.27	101.028	15.75	0.
7	24.03	0.561	4.94	22.51	180.495	28.14	0.
7	26.50	0.432	21.92	99.99	641.462	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:38:46 AM
Printed by: wet

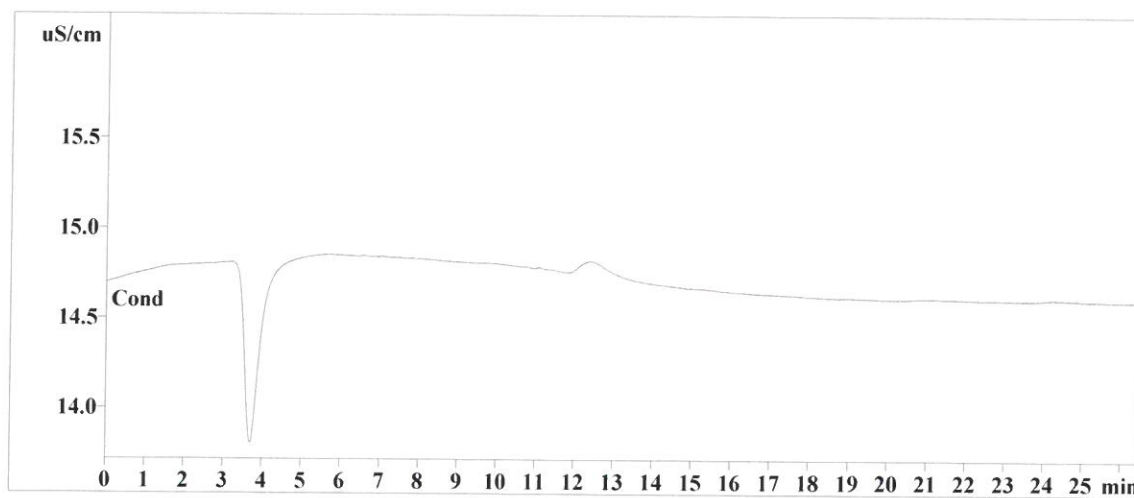
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Analysis from: 3/19/2019 8:52:57 AM
File: _2019-03-19_

Last save: 3/19/2019 9:19:16 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65928

Last save: 3/18/2019 5:08:44 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:38:55 AM
Printed by: wet

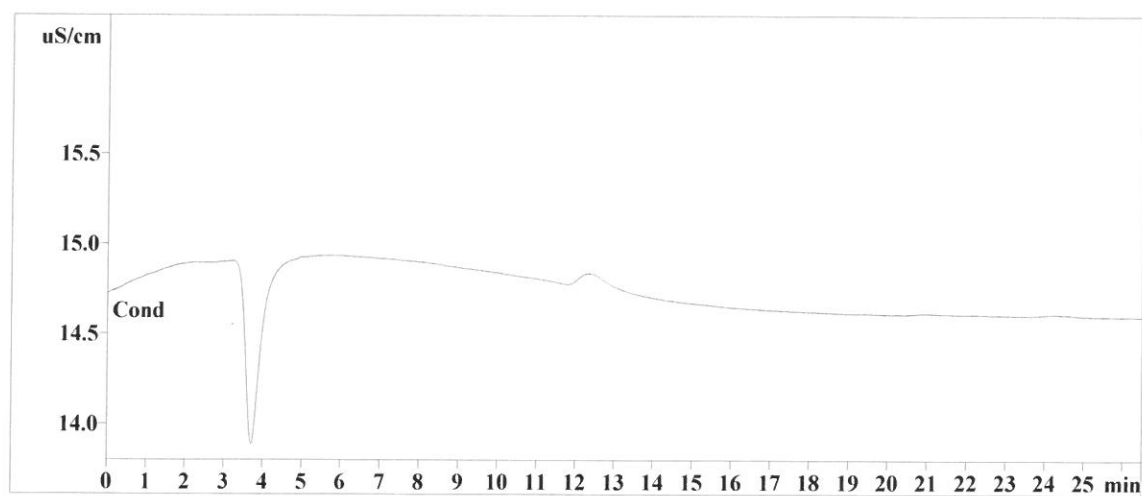
Ident: LB101471BLW
Analysis from: 3/19/2019 9:22:22 AM
File: _2019-03-19_

Last save: 3/20/2019 10:38:26 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65929

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 4
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:39:03 AM
Printed by: wet

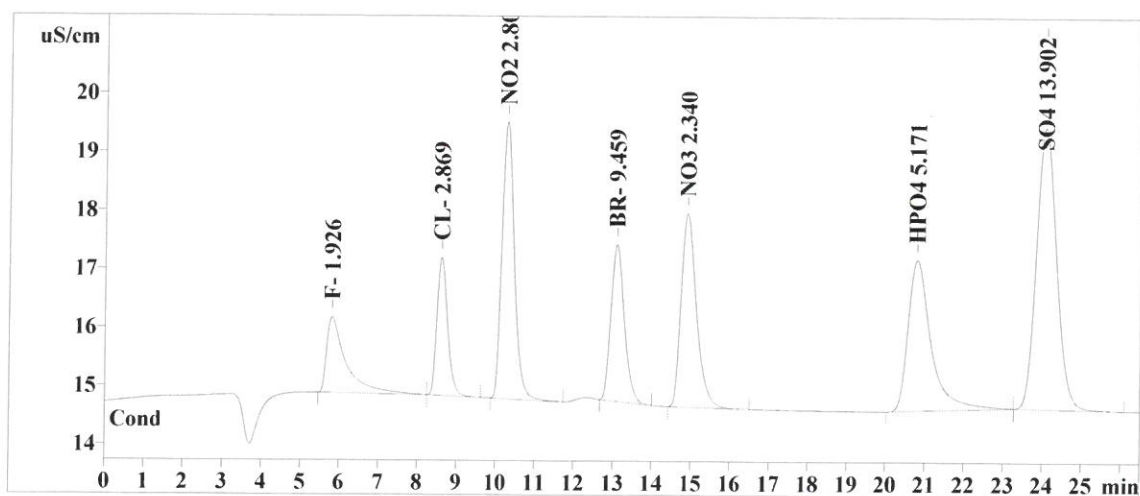
Ident: LB101471BSW
Analysis from: 3/19/2019 9:51:48 AM
File: _2019-03-19_

Last save: 3/20/2019 10:38:26 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65930

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 5
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.441	1.29	5.94	44.749	7.13	0.
2	8.60	0.293	2.35	10.84	45.116	7.18	0.
3	10.27	0.335	4.73	21.76	103.848	16.54	0.
4	13.08	0.368	2.67	12.30	64.331	10.24	0.
5	14.89	0.425	3.30	15.21	92.272	14.69	0.
6	20.79	0.573	2.57	11.84	105.572	16.81	0.
7	24.05	0.552	4.80	22.11	172.148	27.41	0.
7	26.50	0.427	21.72	99.99	628.037	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:40:36 AM
 Printed by: wet

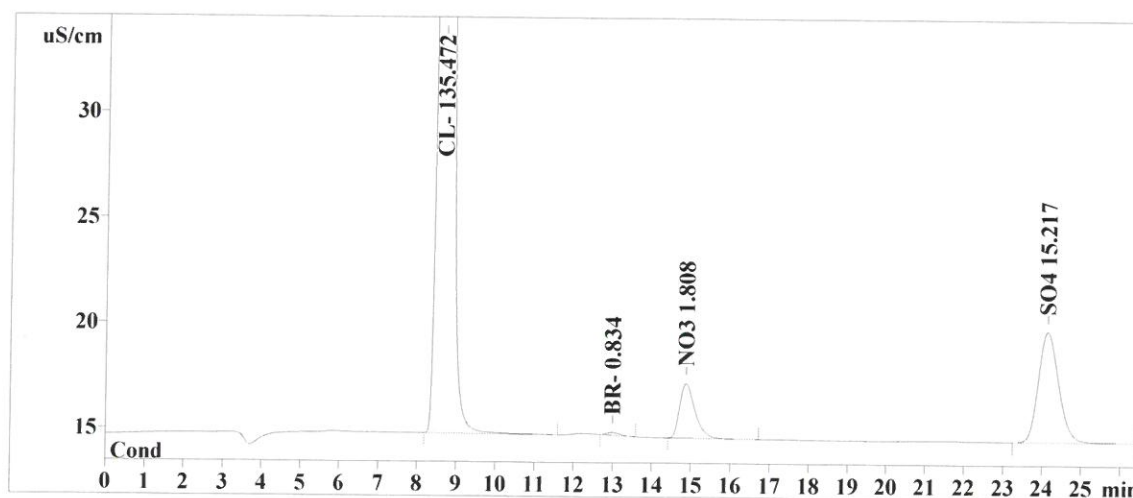
Ident: K1985-04
 Analysis from: 3/19/2019 10:21:13 AM
 File: _2019-03-19_

Last save: 3/19/2019 10:47:34 AM

Method: ANIONS 03-05-19.mtw
 Run operator: wet
 Analysis number: 65931

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
 : AK/AP
 Vial number: 116
 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	0.282	119.67	93.77	2177.434	89.23	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	13.00	0.370	0.14	0.11	3.163	0.13	0.
5	14.87	0.416	2.58	2.02	70.552	2.89	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.12	0.556	5.23	4.10	189.103	7.75	0.
7	26.50	0.232	127.62	100.00	2440.253	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 3/20/2019 10:40:44 AM
Printed by: wet

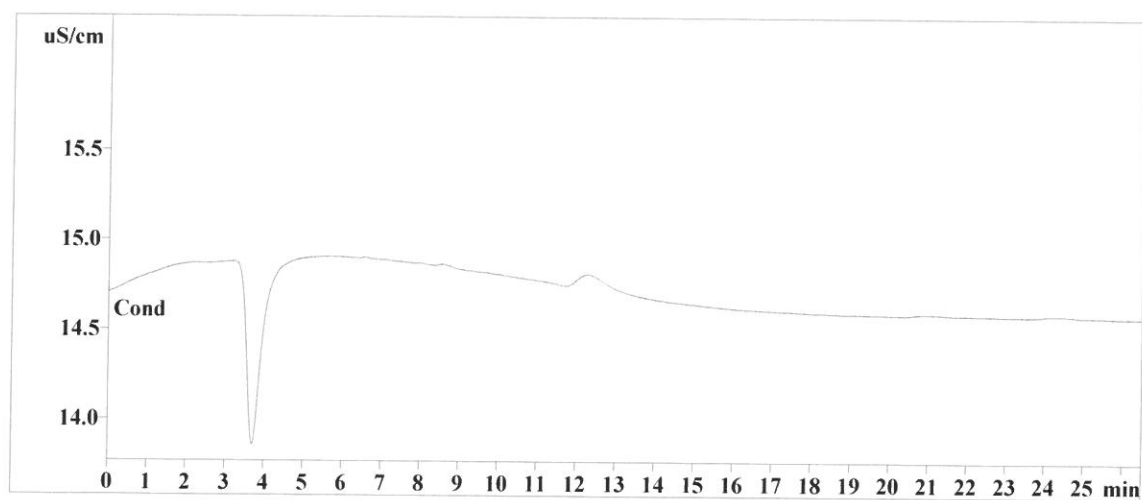
Ident: K1985-02
Analysis from: 3/19/2019 10:50:39 AM
File: _2019-03-19_

Last save: 3/19/2019 11:16:58 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65932

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
:
Vial number: 117
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: 3/20/2019 10:41:13 AM
 Printed by: wet

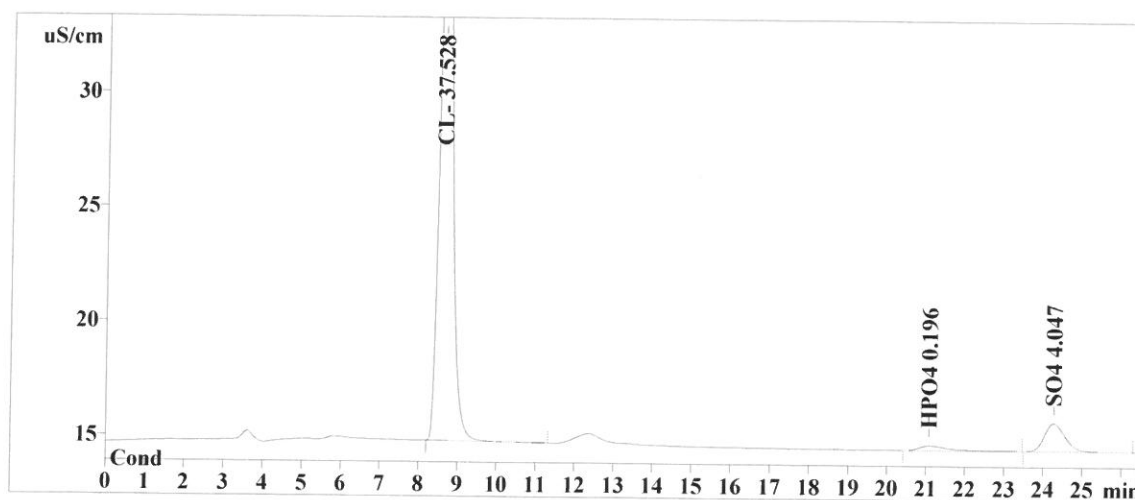
Ident: K1964-05
 Analysis from: 3/19/2019 11:20:05 AM
 File: _2019-03-19_

Last save: 3/19/2019 11:46:24 AM

Method: ANIONS 03-05-19.mtw
 Run operator: wet
 Analysis number: 65933

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
 : AK/AP
 Vial number: 118
 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	8.60	0.328	27.97	95.13	602.447	91.47	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	21.09	0.729	0.21	0.71	11.075	1.68	0.
7	24.27	0.567	1.22	4.16	45.109	6.85	0.
7	26.50	0.232	29.40	100.00	658.630	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 3/20/2019 10:43:44 AM
Printed by: wet

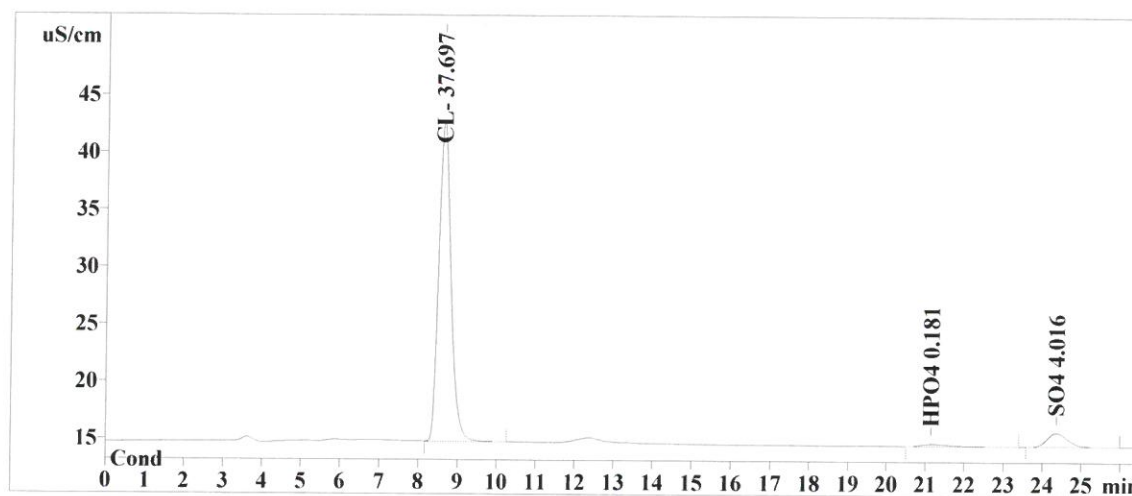
Ident: K1964-05DUP
Analysis from: 3/19/2019 11:49:31 AM
File: _2019-03-19_

Last save: 3/20/2019 10:43:14 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65934

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 119
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	0.330	27.97	95.19	605.167	91.60	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	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	21.16	0.748	0.20	0.67	10.791	1.63	0.
7	24.35	0.572	1.21	4.12	44.711	6.77	0.
7	26.50	0.236	29.38	99.99	660.669	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:43:49 AM
Printed by: wet

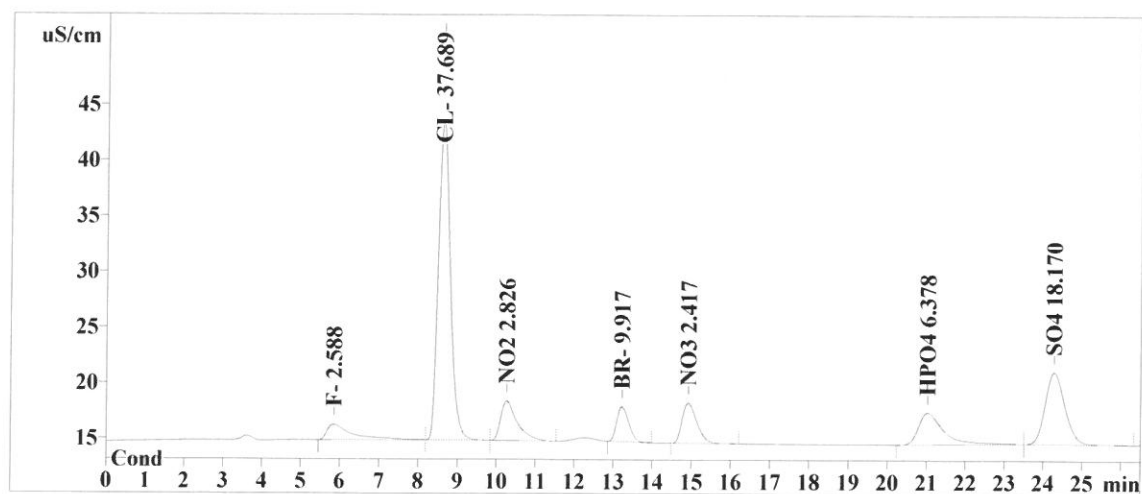
Ident: K1964-05MS
Analysis from: 3/19/2019 12:18:56 PM
File: _2019-03-19_

Last save: 3/19/2019 12:45:16 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65935

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 120
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.84	0.544	1.39	2.79	61.184	4.74	0.
2	8.61	0.323	28.67	57.71	605.038	46.91	0.
3	10.26	0.420	3.56	7.17	104.777	8.12	0.
4	13.22	0.338	3.15	6.33	67.576	5.24	0.
5	14.92	0.412	3.60	7.25	95.409	7.40	0.
6	21.02	0.627	2.85	5.74	128.494	9.96	0.
7	24.28	0.542	6.46	13.00	227.176	17.62	0.
7	26.50	0.458	49.68	99.99	1289.655	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:43:56 AM
Printed by: wet

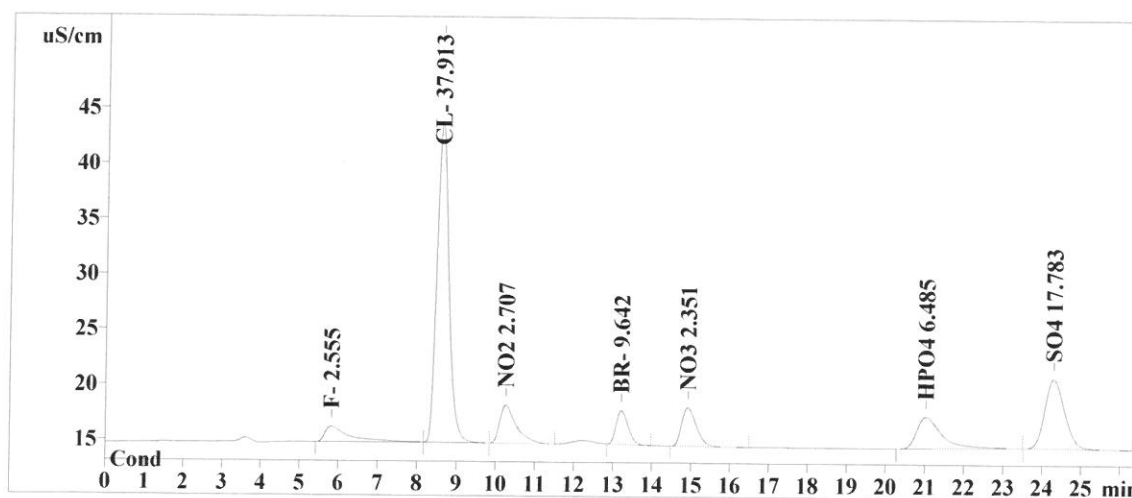
Ident: K1964-05MSD
Analysis from: 3/19/2019 12:48:21 PM
File: _2019-03-19_

Last save: 3/19/2019 1:14:42 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65936

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 121
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.534	1.39	2.81	60.368	4.72	0.
2	8.59	0.322	28.88	58.49	608.634	47.54	0.
3	10.26	0.417	3.43	6.95	100.221	7.83	0.
4	13.21	0.340	3.04	6.16	65.628	5.13	0.
5	14.92	0.416	3.48	7.04	92.719	7.24	0.
6	21.02	0.632	2.86	5.79	130.534	10.20	0.
7	24.29	0.545	6.30	12.75	222.183	17.35	0.
7	26.50	0.458	49.38	100.00	1280.287	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:44:03 AM
Printed by: wet

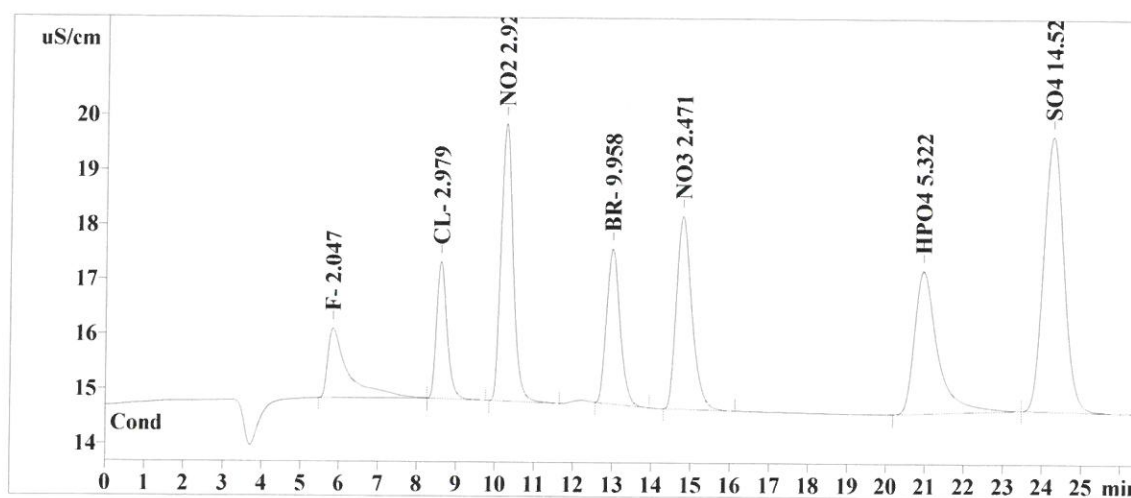
Ident: CCV
Analysis from: 3/19/2019 1:17:47 PM
File: _2019-03-19_

Last save: 3/19/2019 1:44:06 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65937

Last save: 3/18/2019 5:08:44 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.82	0.442	1.27	5.57	47.746	7.27	0.
2	8.60	0.287	2.49	10.94	46.875	7.13	0.
3	10.25	0.326	5.06	22.20	108.362	16.49	0.
4	12.98	0.368	2.83	12.42	67.865	10.33	0.
5	14.77	0.423	3.52	15.44	97.612	14.85	0.
6	20.94	0.579	2.60	11.42	108.444	16.50	0.
7	24.23	0.555	5.01	22.00	180.231	27.43	0.
7	26.50	0.426	22.79	99.99	657.136	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:44:10 AM
Printed by: wet

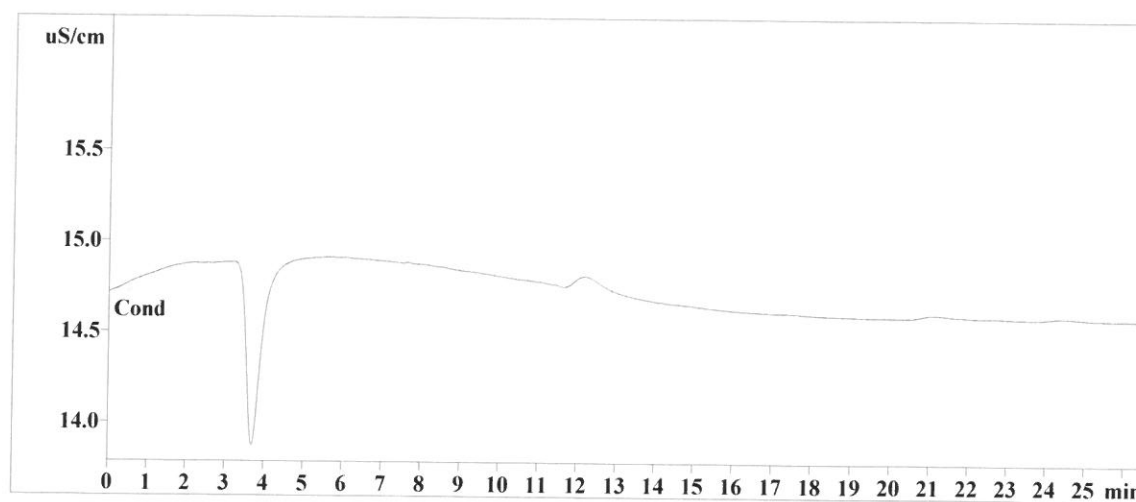
Ident: CCB
Analysis from: 3/19/2019 1:47:12 PM
File: _2019-03-19_

Last save: 3/19/2019 2:13:32 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65938

Last save: 3/18/2019 5:08:44 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:44:19 AM
 Printed by: wet

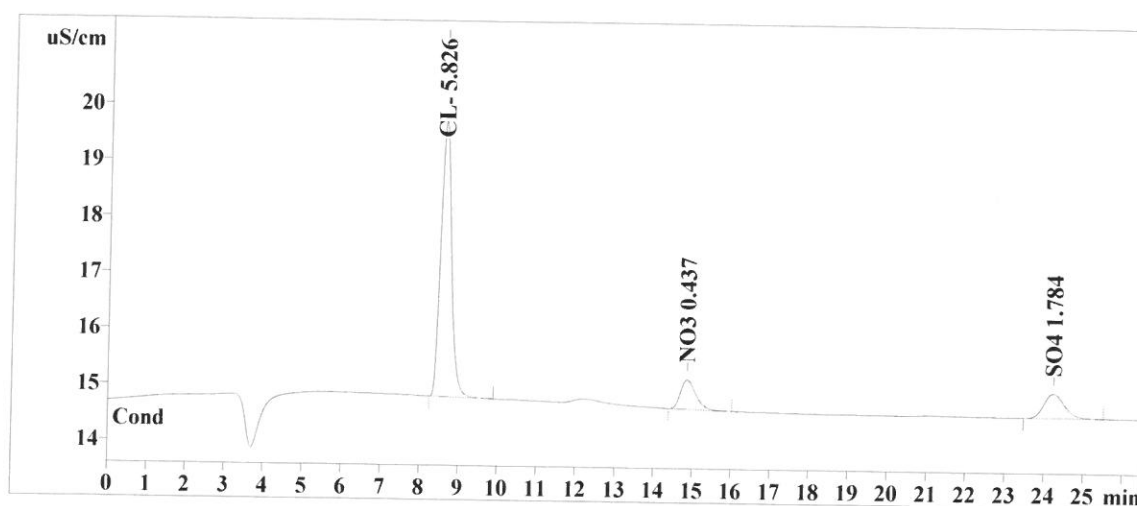
Ident: K1963-12DLX10
 Analysis from: 3/19/2019 2:16:37 PM
 File: _2019-03-19_

Last save: 3/19/2019 2:42:56 PM

Method: ANIONS 03-05-19.mtw
 Run operator: wet
 Analysis number: 65939

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
 : AK/AP
 Vial number: 122
 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	8.60	0.288	4.91	83.61	92.664	75.17	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	14.85	0.428	0.53	8.95	14.669	11.90	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.23	0.564	0.44	7.41	15.941	12.93	0.
7	26.50	0.183	5.87	99.97	123.274	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 3/20/2019 10:44:37 AM
Printed by: wet

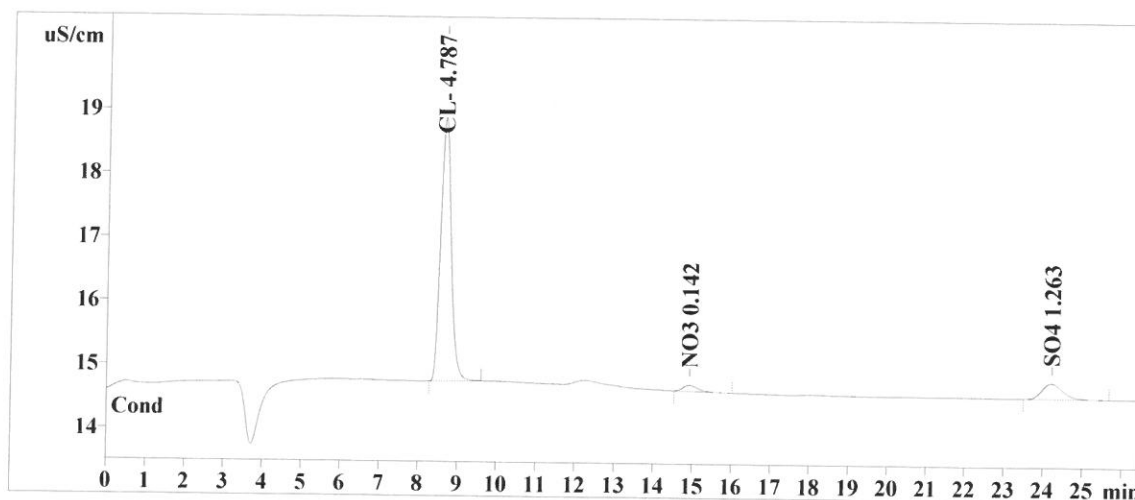
Ident: K1985-04DLX20
Analysis from: 3/19/2019 3:23:26 PM
File: _2019-03-19_

Last save: 3/19/2019 3:49:46 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65942

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 124
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	0.281	4.13	92.34	75.954	86.48	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	14.92	0.420	0.10	2.13	2.659	3.03	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.20	0.568	0.25	5.50	9.216	10.49	0.
7	26.50	0.181	4.47	99.97	87.828	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:45:42 AM
Printed by: wet

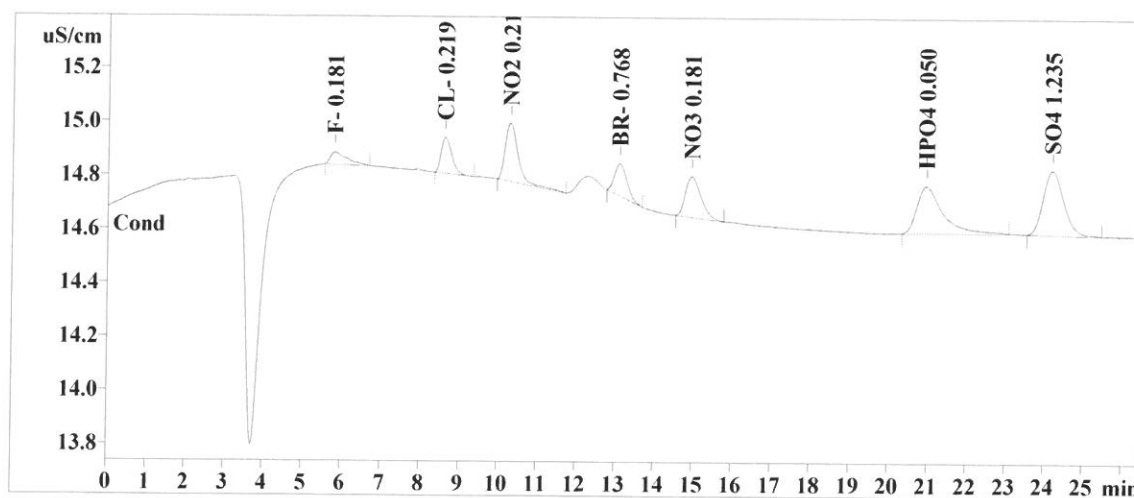
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Analysis from: 3/19/2019 5:03:06 PM
File: _2019-03-19_

Last save: 3/19/2019 5:29:26 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65947

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 85
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.80	0.476	0.05	4.24	1.379	4.18	0.
2	8.61	0.289	0.13	12.24	2.501	7.58	0.
3	10.29	0.337	0.22	19.90	5.027	15.23	0.
4	13.10	0.349	0.12	11.02	2.690	8.15	0.
5	14.95	0.435	0.15	13.96	4.248	12.87	0.
6	20.94	0.643	0.18	16.18	8.295	25.13	0.
7	24.18	0.568	0.24	22.00	8.864	26.86	0.
7	26.50	0.443	1.08	99.53	33.004	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:46:31 AM
Printed by: wet

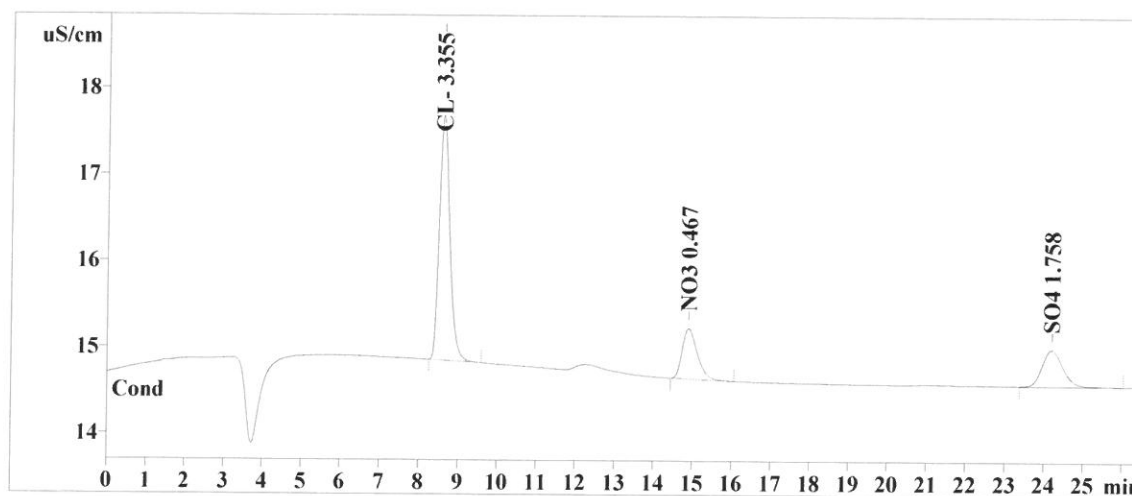
Ident: K1963-07DLX5
Analysis from: 3/19/2019 5:32:32 PM
File: _2019-03-19_

Last save: 3/19/2019 5:58:52 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65948

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
: AK/AP
Vial number: 90
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	0.285	2.83	73.72	52.931	62.71	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	14.89	0.416	0.58	15.23	15.879	18.81	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	24.18	0.562	0.42	11.02	15.599	18.48	0.
7	26.50	0.181	3.84	99.96	84.408	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:46:40 AM
Printed by: wet

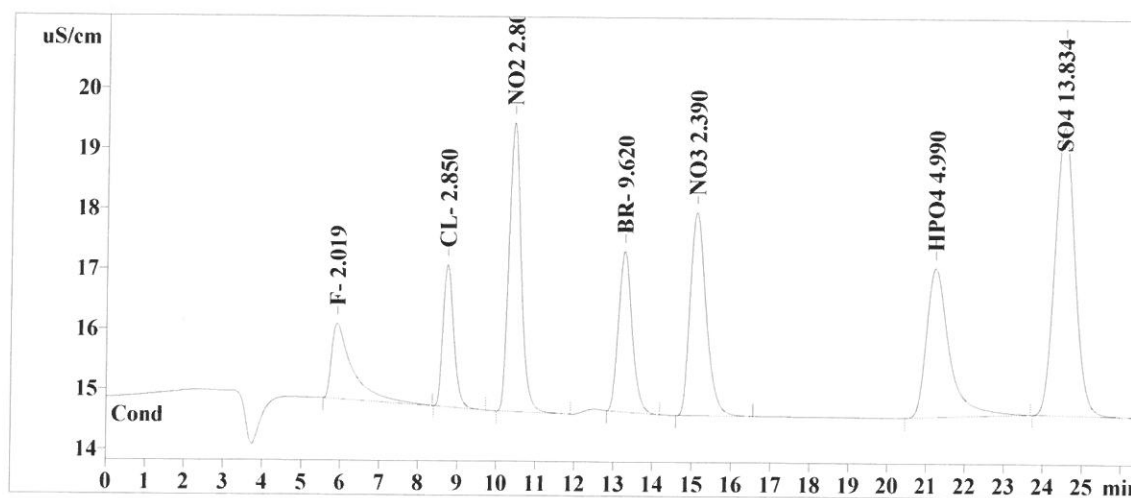
Ident: CCV
Analysis from: 3/19/2019 6:01:57 PM
File: _2019-03-19_

Last save: 3/19/2019 6:28:16 PM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65949

Last save: 3/18/2019 5:08:44 PM

SAMPLE:
:
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	0.480	1.25	5.77	47.057	7.48	0.
2	8.73	0.290	2.36	10.86	44.808	7.12	0.
3	10.41	0.331	4.79	22.09	104.108	16.55	0.
4	13.26	0.376	2.67	12.29	65.468	10.41	0.
5	15.09	0.425	3.37	15.53	94.311	14.99	0.
6	21.22	0.576	2.47	11.40	102.127	16.23	0.
7	24.50	0.553	4.78	22.06	171.283	27.22	0.
7	26.50	0.433	21.69	99.99	629.163	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 3/20/2019 10:47:05 AM
Printed by: wet

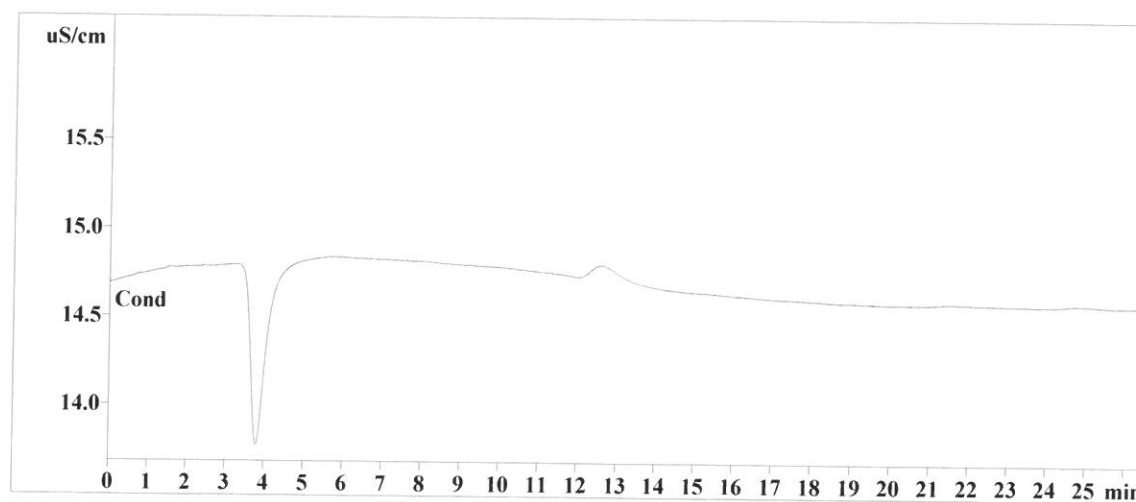
Ident: CCB
Analysis from: 3/19/2019 6:31:22 PM
File: _2019-03-19_

Last save: 3/20/2019 10:47:06 AM

Method: ANIONS 03-05-19.mtw
Run operator: wet
Analysis number: 65950

Last save: 3/18/2019 5:08:44 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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