

IC-2 300.0
06/10/19 AE

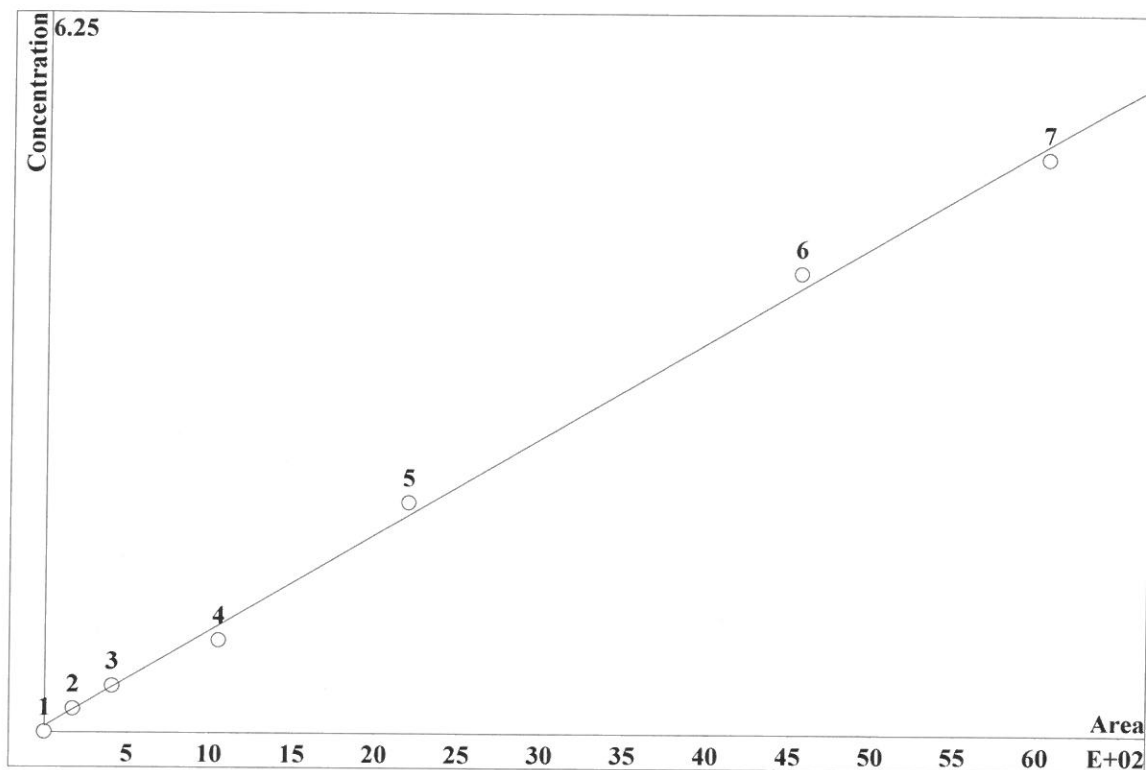
Clear table

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	2019-05-15_	5/15/19 10:00		AK/AP
STD2	0.1990	0.3160	0.3410	1.0370	0.2630	0.1690	1.8250	2019-05-15_	5/15/19 10:31		AK/AP
STD3	0.4040	0.6070	0.6050	2.0510	0.5030	1.0000	3.0900	2019-05-15_	5/15/19 11:02		AK/AP
STD4	0.9120	1.1740	1.1460	3.9220	0.9800	2.3460	5.8460	2019-05-15_	5/15/19 11:33		AK/AP
STD5	1.9340	2.8250	2.8000	9.4920	2.3660	5.4180	14.2760	2019-05-15_	5/15/19 12:04		AK/AP
STD6	3.9910	5.7870	5.7570	19.3260	4.8260	10.1610	29.3560	2019-05-15_	5/15/19 12:35		AK/AP
STD7	5.1170	7.6560	7.6410	25.4840	6.3740	12.5820	38.4320	2019-05-15_	5/15/19 13:06		AK/AP
ICV	1.8950	2.9430	2.9330	9.8350	2.4850	5.2220	14.5190	2019-05-15_	5/15/19 13:55		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	5/15/19 14:58		AK/AP
CCV	1.7200	2.7780	2.7790	9.2900	2.3410	4.9430	13.5230	2019-06-07_	6/7/19 9:30		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	6/7/19 10:01		AK/AP
K3225-07	0.0000	0.8390	0.0000	0.0000	0.0000	0.0000	1.4910	2019-06-07_	6/7/19 10:32		AK/AP
K3225-08	0.0000	0.9110	0.0000	0.0000	0.0000	0.0000	3.1510	2019-06-07_	6/7/19 11:03		AK/AP
K3225-09	0.0000	0.9120	0.0000	0.0000	0.0000	0.0000	3.1550	2019-06-07_	6/7/19 11:34		AK/AP
LB103293BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	6/7/19 12:05		AK/AP
LB103293BSW	1.8090	2.8770	2.8960	9.7040	2.4410	5.4730	14.6460	2019-06-07_	6/7/19 12:36		AK/AP
K3225-02	0.0000	0.5670	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	6/7/19 13:11		AK/AP
K3225-05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	6/7/19 13:42		AK/AP
K3225-06	0.1240	2.0920	0.0000	0.8720	0.0000	0.0000	5.0370	2019-06-07_	6/7/19 14:13		AK/AP
K3267-02	0.0000	1.3990	0.0000	0.0000	0.0000	0.0000	1.0760	2019-06-07_	6/7/19 15:16		AK/AP
CCV	1.7560	2.7970	2.8660	9.4720	2.3720	6.0160	14.0570	2019-06-07_	6/7/19 15:48		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	6/7/19 16:39		AK/AP
K3267-03	0.0000	0.4180	0.0000	0.0000	0.0000	0.0000	6.8480	2019-06-07_	6/7/19 17:11		AK/AP
K3225-02DUP	0.0000	0.5880	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	6/7/19 18:15		AK/AP
K3225-03MS	1.5100	3.5980	3.0720	10.4490	2.6060	10.0830	15.8310	2019-06-07_	6/7/19 18:47		AK/AP
K3225-04MSD	1.4980	3.4520	2.9730	10.1290	2.5210	9.8940	15.2090	2019-06-07_	6/7/19 19:19		AK/AP
CCV	1.7750	2.8620	2.8450	9.6070	2.3960	6.1110	14.4660	2019-06-07_	6/7/19 19:51		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07_	6/7/19 20:23		AK/AP

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-051519.mtw
 Equation: $Q = 0.0167415 \cdot A + 1.03666$
 RSD: 5.962 %
 Correlation coefficient: 0.998497

IC-2 cal
 05/15/19
 AE



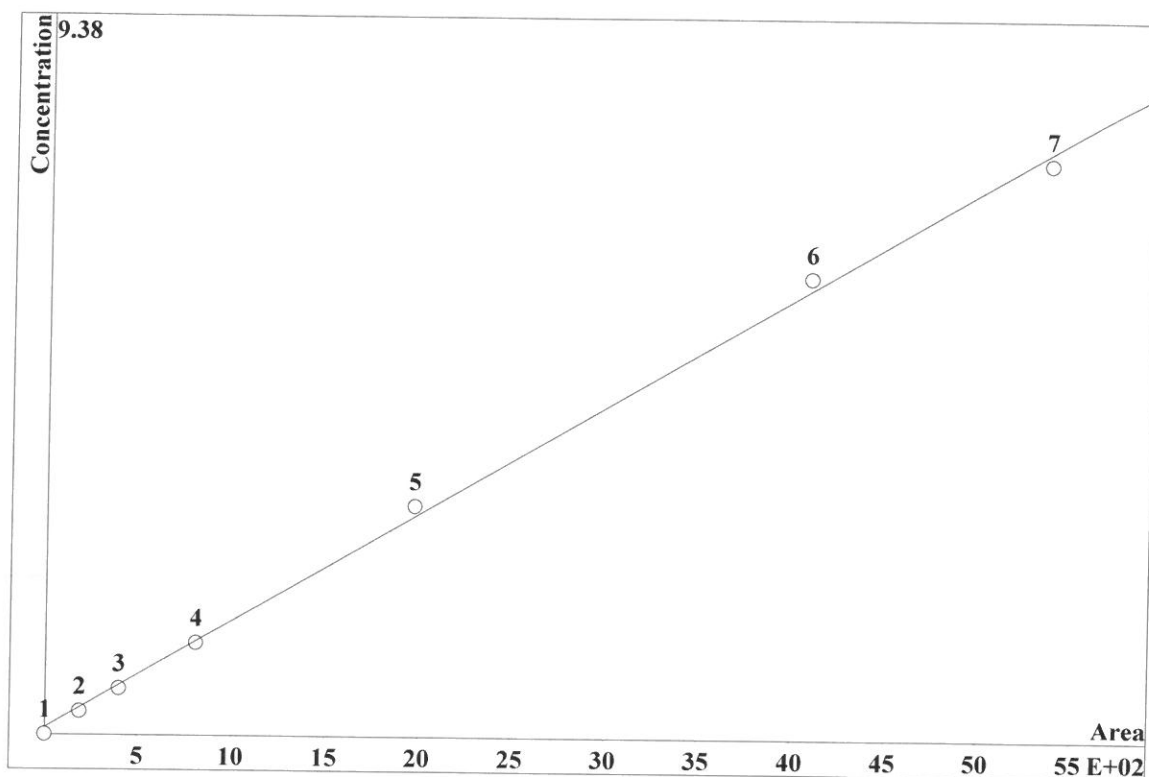
K3 = 0 K2 = 0 K1 = 0.0167415 K0 = 1.03666
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	8.537	173.9	0.2	20	5.129		
3	18.85	409.5	0.4	20	5.129		
4	43.57	1053	0.8	20	5.129		
5	108	2197	2	20	5.129		
6	221.8	4559	4	20	5.129		
7	309.4	6051	5	20	5.129		

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CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-051519.mtw
 Equation: $Q = 0.0281671 \cdot A + 1.80359$
 RSD: 4.320 %
 Correlation coefficient: 0.999211

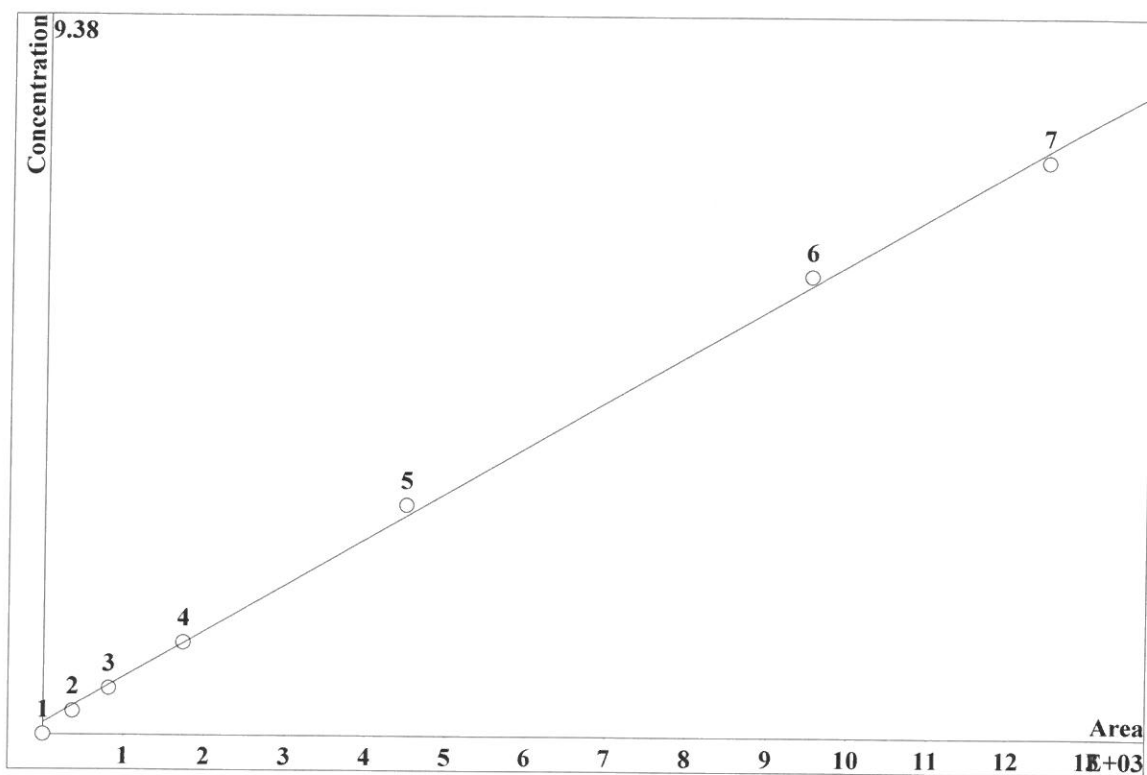


K3 = 0 K2 = 0 K1 = 0.0281671 K0 = 1.80359
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	10.7	186.2	0.3	20	8.837		
3	21.55	397.3	0.6	20	8.837		
4	44.5	808.8	1.2	20	8.837		
5	110	1971	3	20	8.837		
6	228.2	4087	6	20	8.837		
7	304.5	5372	7.5	20	8.837		

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-051519.mtw
 Equation: $Q = 0.0120095 \cdot A + 3.1114$
 RSD: 4.066 %
 Correlation coefficient: 0.999301



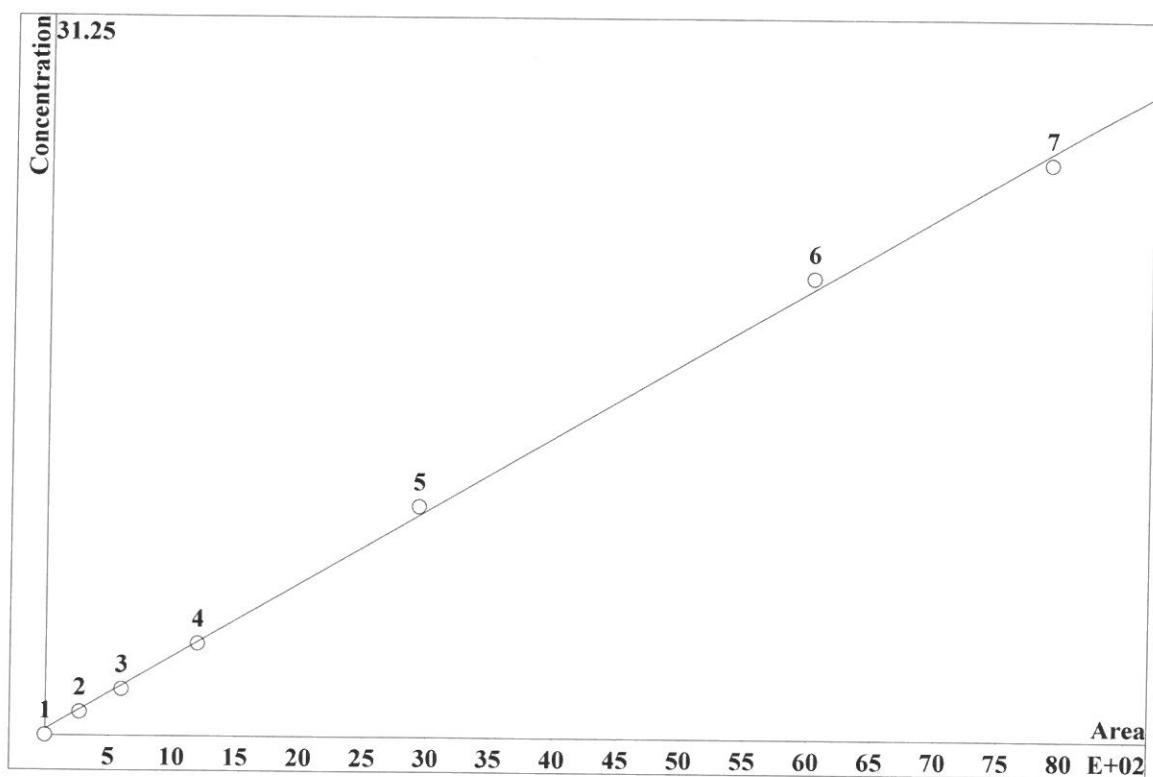
K3 = 0 K2 = 0 K1 = 0.0120095 K0 = 3.1114
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	19.98	372.1	0.3	20	11.32		
3	42.06	820.7	0.6	20	11.32		
4	87.93	1733	1.2	20	11.32		
5	227.6	4504	3	20	11.32		
6	490.9	9525	6	20	11.32		
7	641.7	1.247e+04	7.5	20	11.32		

*□

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-051519.mtw
 Equation: $Q = 0.0639468 \cdot A + 5.14496$
 RSD: 3.963 %
 Correlation coefficient: 0.999336

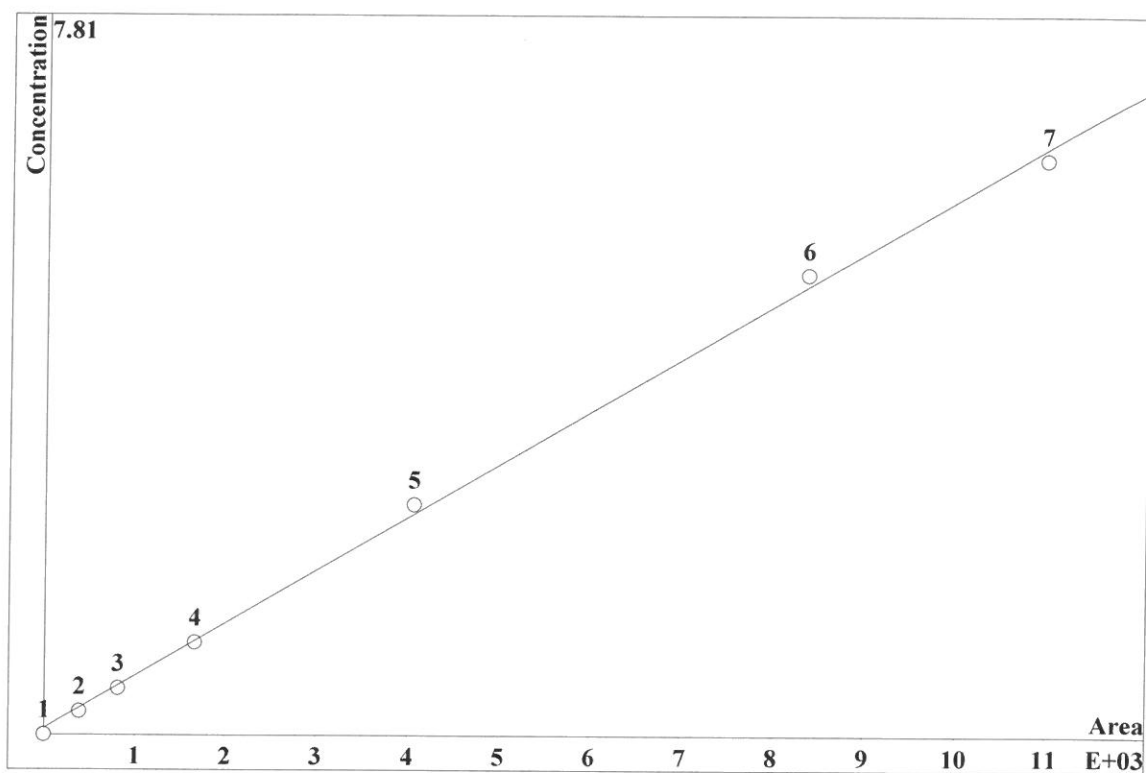


K3 = 0 K2 = 0 K1 = 0.0639468 K0 = 5.14496
 Base: Area
 Ref.channel: chl
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	9.614	271.8	1	20	14.9		
3	19.41	599.4	2	20	14.9		
4	39.46	1197	4	20	14.9		
5	95.19	2928	10	20	14.9		
6	192.6	6022	20	20	14.9		
7	252.9	7890	25	20	14.9		
*6							

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-051519.mtw
 Equation: $Q = 0.0114779 \cdot A + 1.37261$
 RSD: 4.085 %
 Correlation coefficient: 0.999295

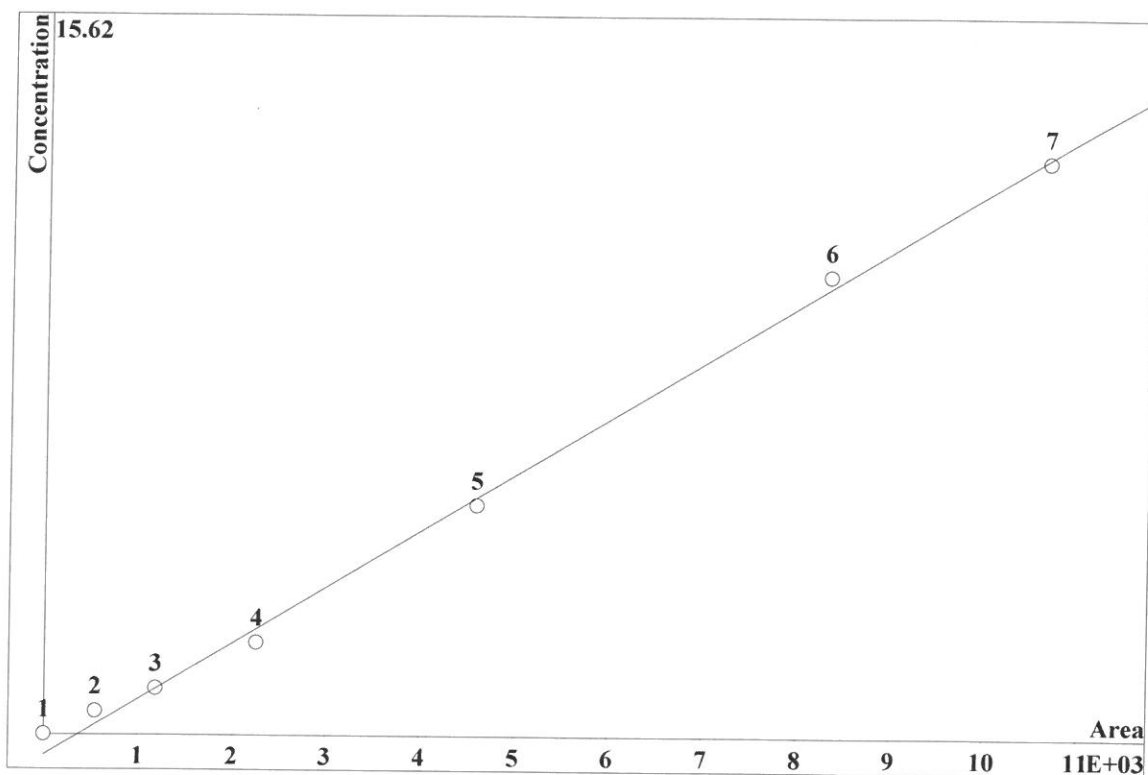


K3 = 0 K2 = 0 K1 = 0.0114779 K0 = 1.37261
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	10.91	389.3	0.25	20	17.82		
3	21.79	814.2	0.5	20	17.82		
4	44.06	1661	1	20	17.82		
5	103.9	4062	2.5	20	17.82		
6	204.9	8376	5	20	17.82		
7	265.4	1.099e+04	6.25	20	17.82		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-051519.mtw
 Equation: $Q = 0.0244555 \cdot A - 9.06077$
 RSD: 5.041 %
 Correlation coefficient: 0.998925



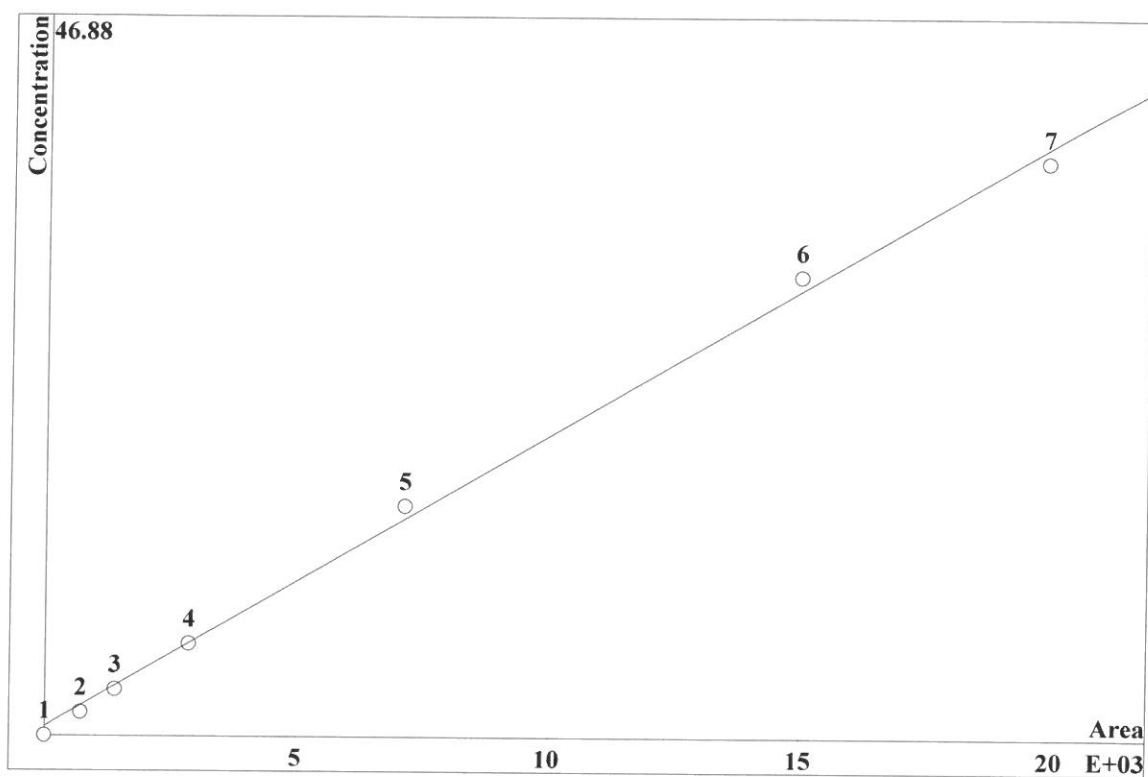
K3 = 0 K2 = 0 K1 = 0.0244555 K0 = -9.06077
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		
2	12.41	546.5	0.5	20	22.93		
3	26.87	1185	1	20	22.93		
4	53.19	2252	2	20	22.93		
5	111.3	4594	5	20	22.93		
6	203.8	8338	10	20	22.93		
7	263.8	1.066e+04	12.5	20	22.93		

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CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-051519.mtw
 Equation: $Q = 0.0380457 \cdot A + 11.8598$
 RSD: 5.276 %
 Correlation coefficient: 0.998823



K3 = 0 K2 = 0 K1 = 0.0380457 K0 = 11.8598
 Base: Area
 Ref.channel: chl
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	19.4	722	1.5	20	25.07		
3	38.08	1410	3	20	25.07		
4	77.79	2875	6	20	25.07		
5	191.5	7133	15	20	25.07		
6	397.9	1.499e+04	30	20	25.07		
7	526.3	1.989e+04	37.5	20	25.07		

Report date: 5/23/2019 9:21:58 AM
Printed by: wet

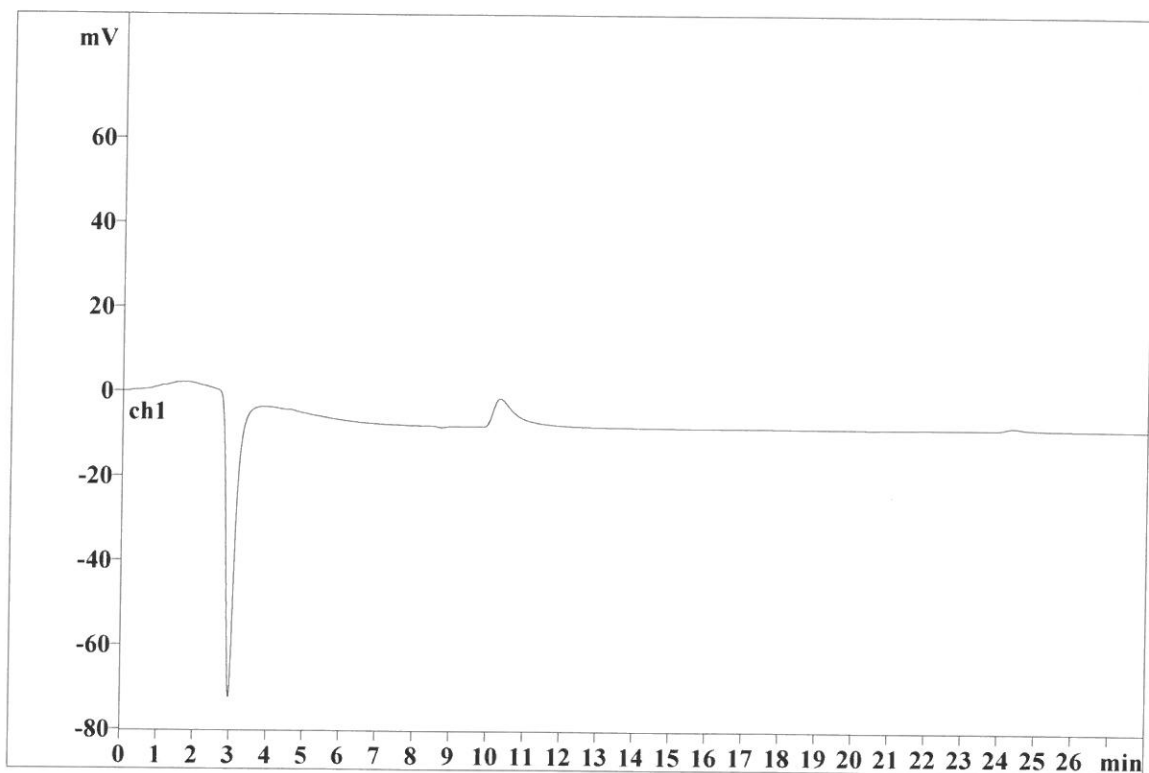
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Analysis from: 5/15/2019 10:00:42 AM
File: _2019-05-15_

Last save: 5/15/2019 10:28:42 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21421

Last save: 5/15/2019 10:24

SAMPLE:
:
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: 5/23/2019 9:22:09 AM
Printed by: wet

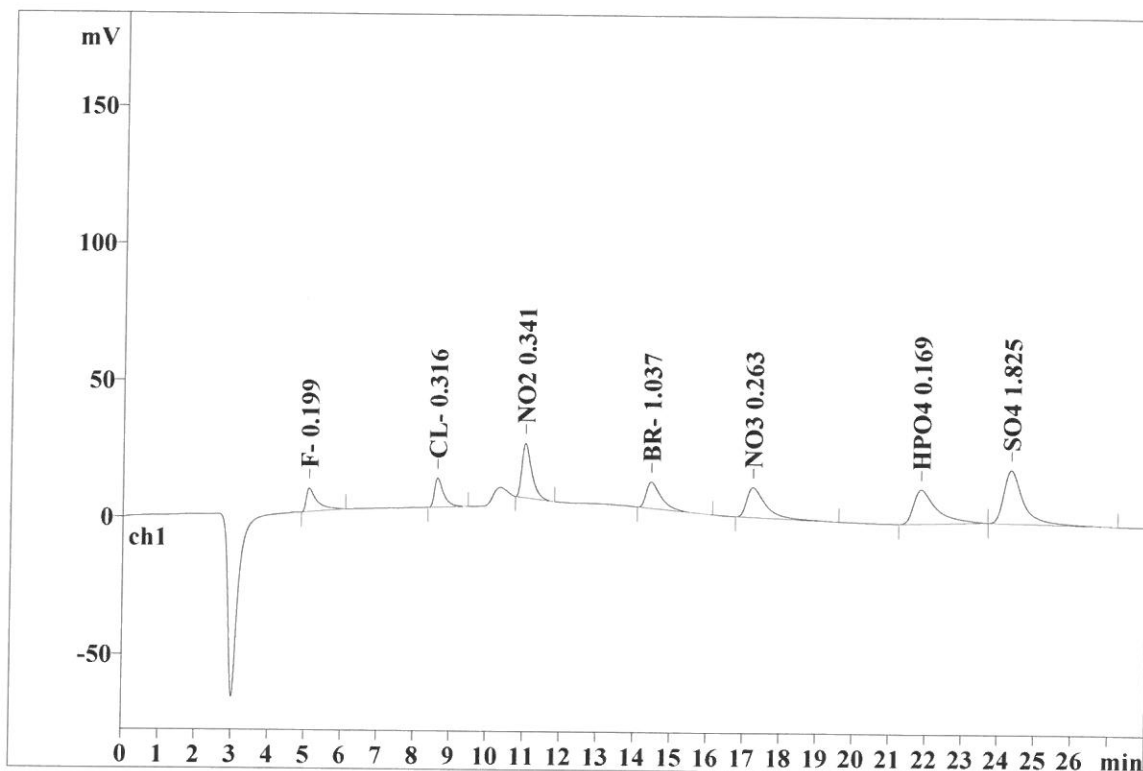
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Analysis from: 5/15/2019 10:31:40 AM
File: _2019-05-15_

Last save: 5/15/2019 10:59:41 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21422

Last save: 5/15/2019 10:28

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 mV	Height %	Area mV*sec	Area %
1	5.09	0.268	8.54	9.32	173.932	6.53
2	8.62	0.248	10.70	11.69	186.186	6.99
3	11.02	0.276	19.98	21.83	372.109	13.98
4	14.45	0.412	9.61	10.50	271.780	10.21
5	17.23	0.505	10.90	11.91	389.335	14.63
6	21.84	0.597	12.40	13.55	546.472	20.53
7	24.32	0.513	19.40	21.19	722.010	27.12
7	28.00	0.403	91.53	99.99	2661.824	100.00

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Report date: 5/23/2019 9:22:20 AM
Printed by: wet

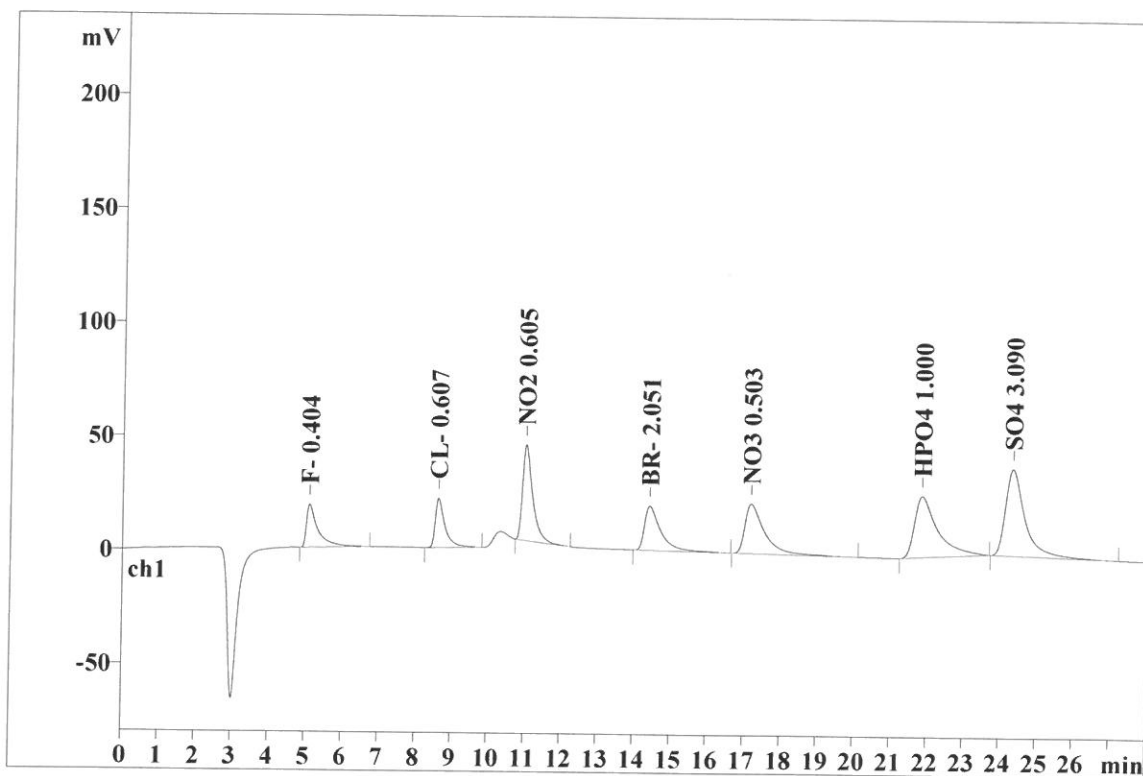
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Analysis from: 5/15/2019 11:02:38 AM
File: _2019-05-15_

Last save: 5/15/2019 11:30:39 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21423

Last save: 5/15/2019 10:59

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 mV	Height %	Area mV*sec	Area %
1	5.10	0.275	18.85	9.99	409.505	7.27
2	8.62	0.253	21.54	11.42	397.294	7.05
3	11.02	0.281	42.06	22.30	820.678	14.56
4	14.42	0.425	19.41	10.29	599.450	10.64
5	17.19	0.518	21.79	11.55	814.190	14.45
6	21.85	0.598	26.87	14.25	1184.551	21.02
7	24.34	0.512	38.08	20.19	1409.816	25.02
7	28.00	0.409	188.60	100.00	5635.484	100.00

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Report date: 5/23/2019 9:22:29 AM
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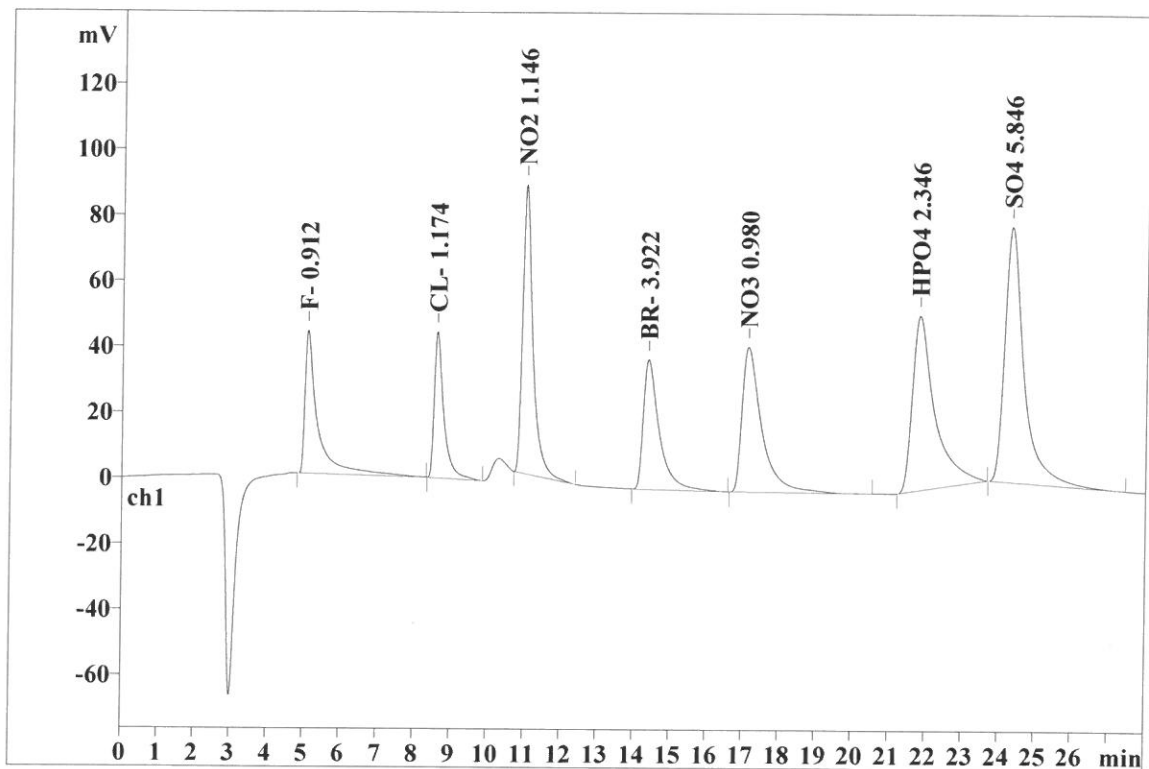
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File: _2019-05-15_

Last save: 5/15/2019 12:01:37 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21424

Last save: 5/15/2019 11:30

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 mV	Height %	Area mV*sec	Area %
1	5.10	0.272	43.57	11.16	1052.541	9.09
2	8.62	0.251	44.50	11.39	808.765	6.98
3	11.02	0.278	87.93	22.52	1733.465	14.97
4	14.39	0.422	39.46	10.11	1197.140	10.34
5	17.13	0.524	44.06	11.28	1661.481	14.35
6	21.82	0.569	53.19	13.62	2251.848	19.44
7	24.33	0.508	77.79	19.92	2875.395	24.83
7	28.00	0.404	390.49	100.00	11580.636	100.00

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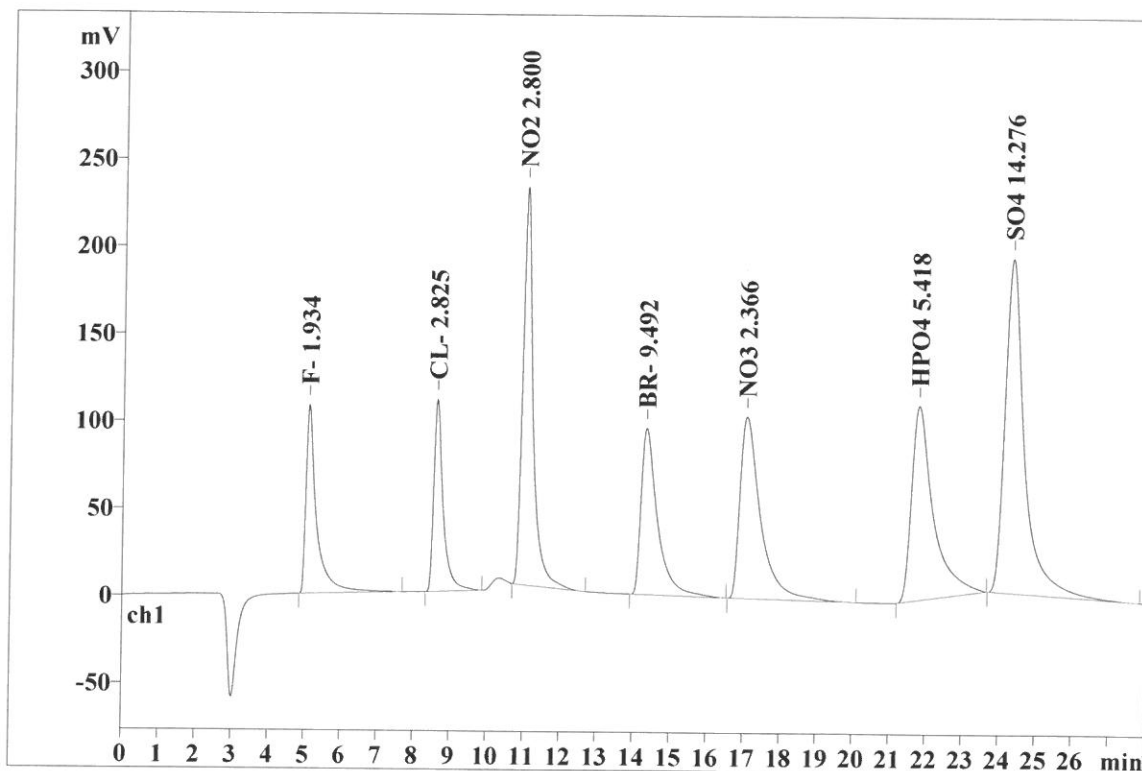
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Analysis from: 5/15/2019 12:04:35 PM
File: _2019-05-15_

Last save: 5/15/2019 12:32:35 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21425

Last save: 5/15/2019 12:01

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 mV	Height %	Area mV*sec	Area %
1	5.10	0.251	107.96	11.39	2196.663	8.02
2	8.61	0.248	109.99	11.61	1971.006	7.20
3	11.03	0.274	227.63	24.02	4503.901	16.44
4	14.34	0.428	95.18	10.05	2928.379	10.69
5	17.05	0.548	103.92	10.97	4062.465	14.83
6	21.78	0.558	111.34	11.75	4593.784	16.77
7	24.31	0.509	191.48	20.21	7133.498	26.04
7	28.00	0.402	947.51	100.00	27389.698	100.00

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Report date: 5/23/2019 9:22:51 AM
Printed by: wet

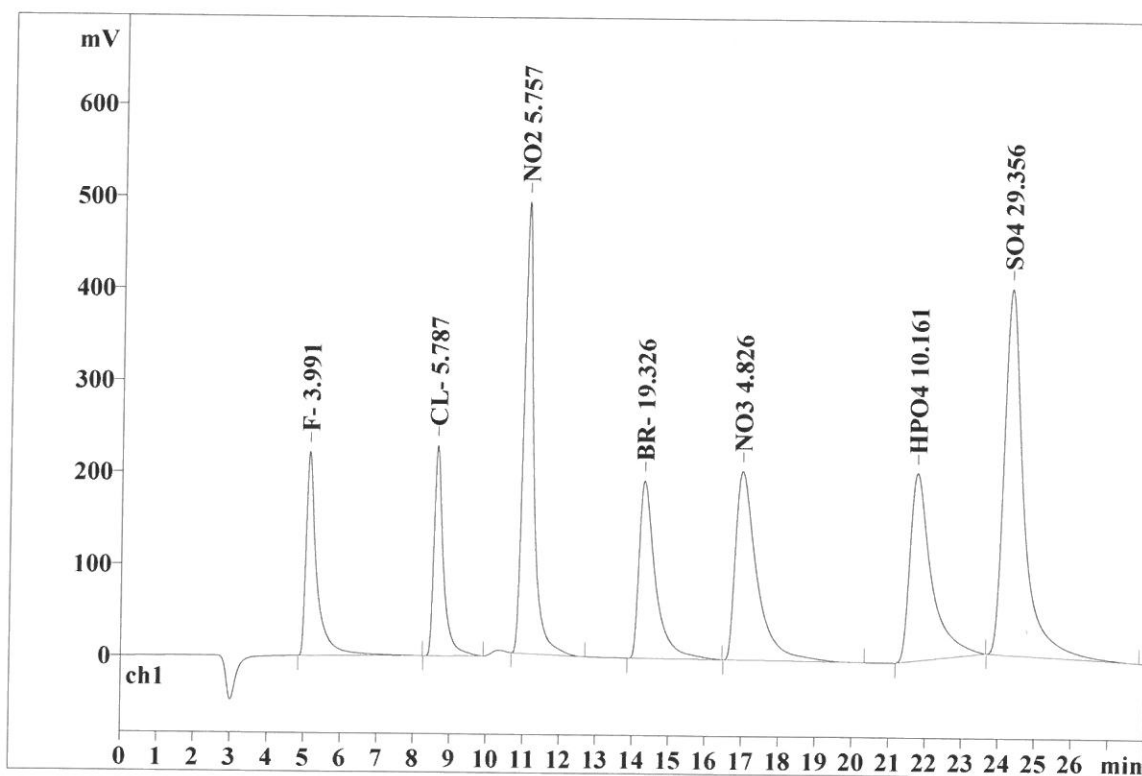
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Analysis from: 5/15/2019 12:35:33 PM
File: _2019-05-15_

Last save: 5/15/2019 1:03:33 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21426

Last save: 5/15/2019 12:32

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 mV	Height %	Area mV*sec	Area %
1	5.12	0.261	221.81	11.43	4558.760	8.16
2	8.61	0.246	228.21	11.76	4087.498	7.31
3	11.05	0.265	490.88	25.30	9525.294	17.04
4	14.30	0.435	192.60	9.93	6021.782	10.77
5	16.97	0.576	204.87	10.56	8375.721	14.99
6	21.74	0.559	203.83	10.51	8338.121	14.92
7	24.29	0.515	397.87	20.51	14986.121	26.81
7	28.00	0.408	1940.07	100.00	55893.296	100.00

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Report date: 5/23/2019 9:23:02 AM
Printed by: wet

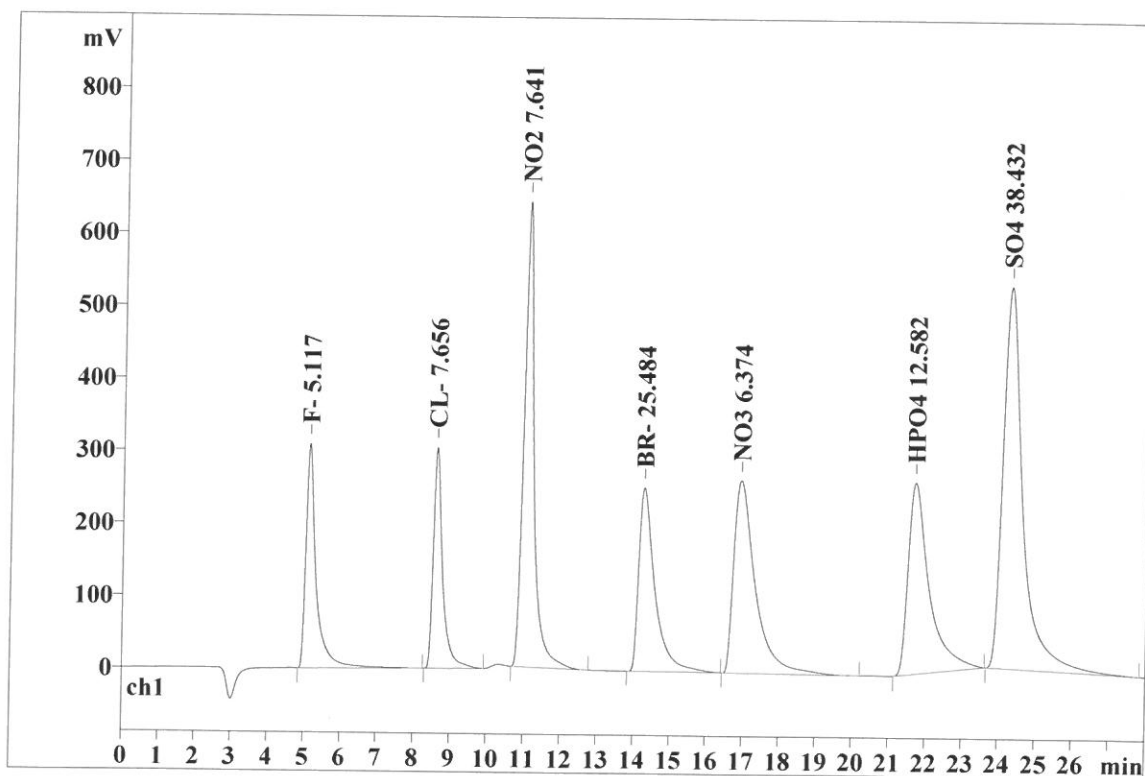
Ident: STD7
Analysis from: 5/15/2019 1:06:30 PM
File: _2019-05-15_

Last save: 5/15/2019 1:34:31 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21427

Last save: 5/15/2019 1:03:

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 mV	Height %	Area mV*sec	Area %
1	5.12	0.252	309.35	12.07	6050.543	8.25
2	8.60	0.242	304.52	11.88	5371.960	7.33
3	11.05	0.265	641.65	25.03	12465.523	17.00
4	14.26	0.435	252.91	9.86	7889.845	10.76
5	16.92	0.585	265.38	10.35	10987.702	14.99
6	21.69	0.554	263.79	10.29	10660.431	14.54
7	24.26	0.517	526.31	20.53	19891.442	27.13
7	28.00	0.407	2563.92	100.00	73317.447	100.00

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Report date: 5/23/2019 9:23:12 AM
Printed by: wet

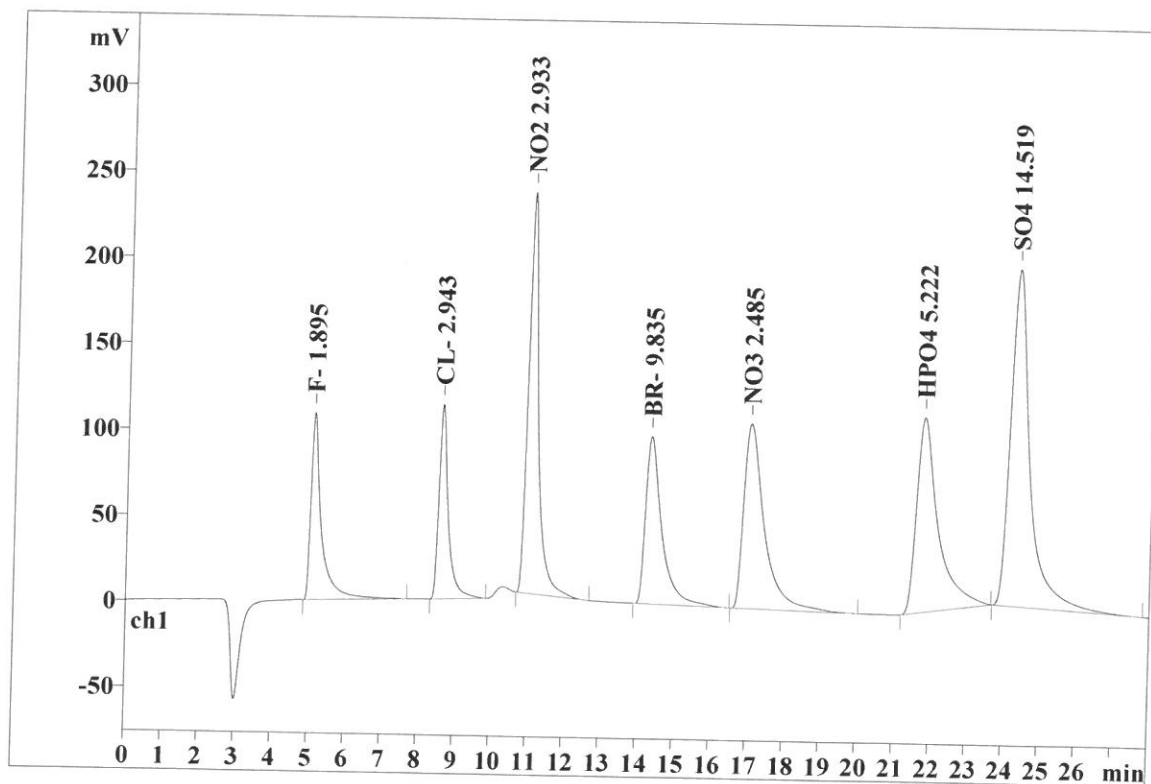
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Analysis from: 5/15/2019 1:55:38 PM
File: _2019-05-15_

Last save: 5/15/2019 2:23:39 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21428

Last save: 5/15/2019 1:34:

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.10	0.249	108.80	11.23	2202.300	7.86
2	8.61	0.247	113.05	11.67	2025.565	7.23
3	11.02	0.274	233.12	24.06	4624.652	16.50
4	14.33	0.428	97.27	10.04	2995.394	10.69
5	17.03	0.548	107.52	11.10	4210.518	15.03
6	21.78	0.554	113.21	11.68	4641.270	16.56
7	24.32	0.510	195.91	20.22	7320.932	26.13
7	28.00	0.401	968.89	100.00	28020.632	100.00

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METROHM LTD

Report date: 5/23/2019 9:23:20 AM
Printed by: wet

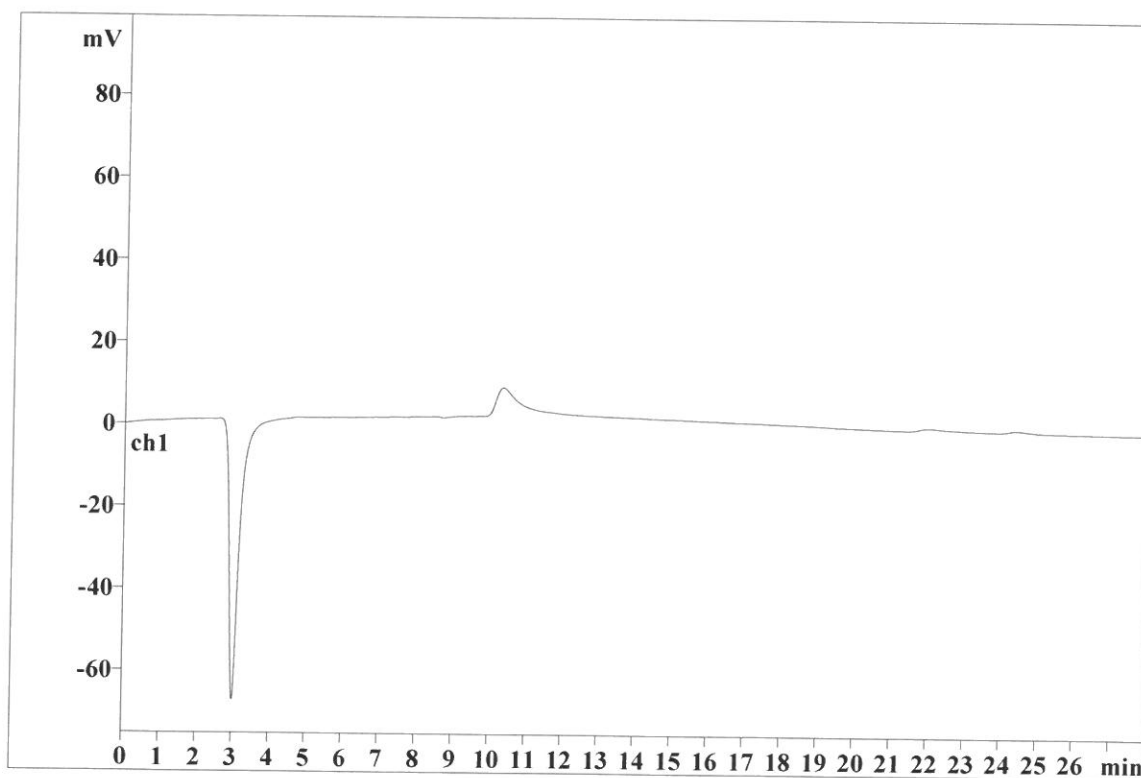
Ident: ICB
Analysis from: 5/15/2019 2:58:58 PM
File: _2019-05-15_

Last save: 5/15/2019 3:26:58 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21429

Last save: 5/15/2019 1:34:

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

IC-2

Report date: 6/9/2019 5:44:47 AM
Printed by: wet

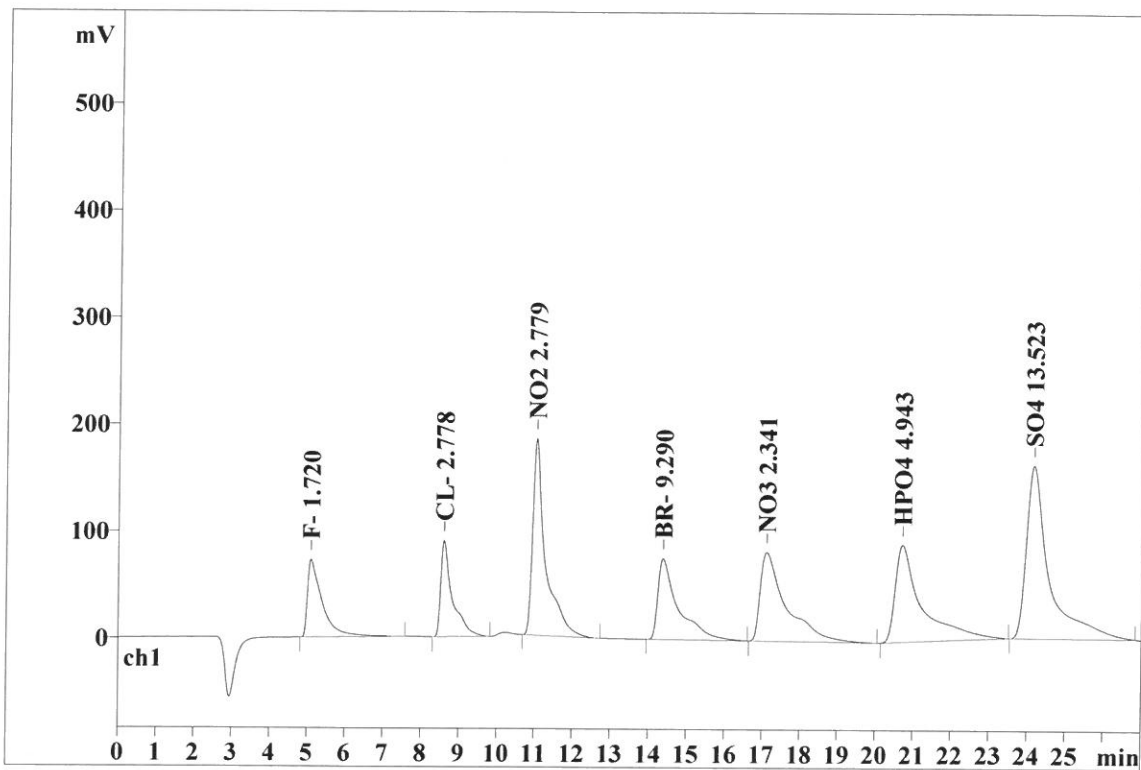
Ident: CCV
Analysis from: 6/7/2019 9:30:56 AM
File: _2019-06-07_

Last save: 6/7/2019 9:57:56 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21740

Last save: 6/5/2019 8:48:5

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 mV	Height %	Area mV*sec	Area %
1	5.09	0.378	72.62	9.58	1993.232	7.59
2	8.60	0.251	90.01	11.87	1908.445	7.27
3	11.04	0.276	184.02	24.28	4369.028	16.63
4	14.38	0.444	75.60	9.97	2825.136	10.76
5	17.11	0.574	83.08	10.96	3958.788	15.07
6	20.72	0.542	90.83	11.98	4412.634	16.80
7	24.16	0.504	161.82	21.35	6796.903	25.88
7	27.00	0.424	757.98	100.00	26264.165	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:44:58 AM
Printed by: wet

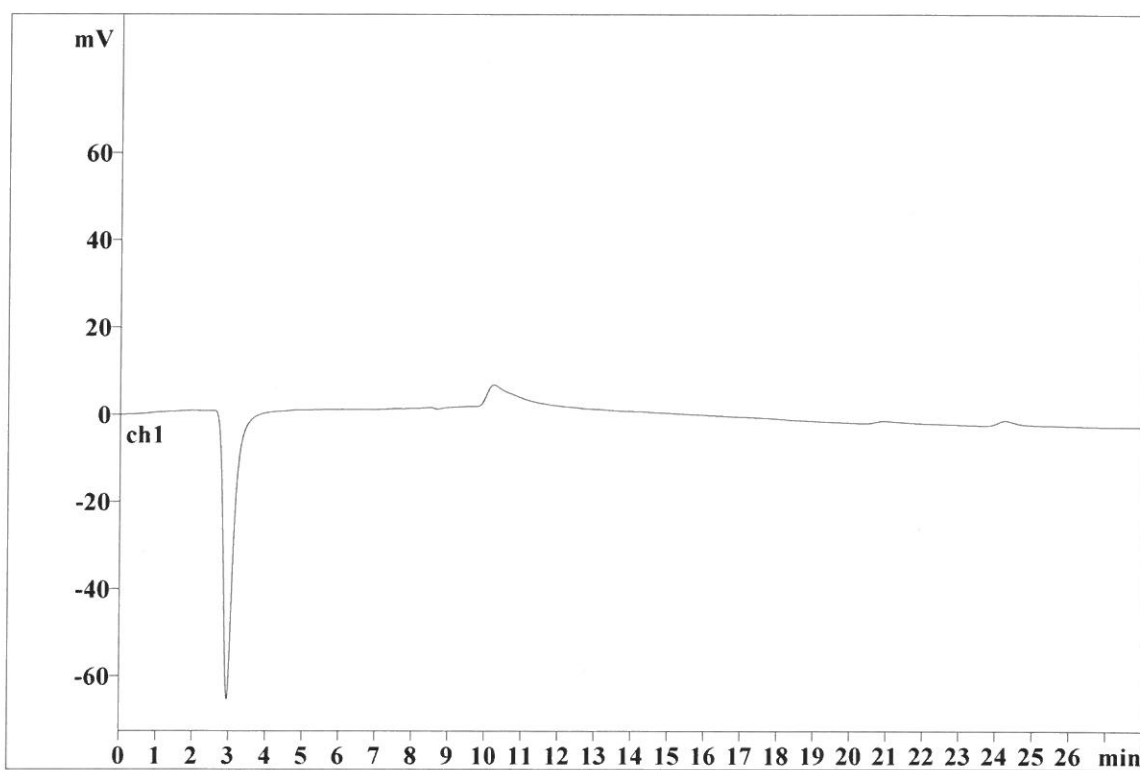
Ident: CCB
Analysis from: 6/7/2019 10:01:19 AM
File: _2019-06-07_

Last save: 6/7/2019 10:29:20 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21741

Last save: 6/7/2019 9:58:3

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: 6/9/2019 5:45:08 AM
Printed by: wet

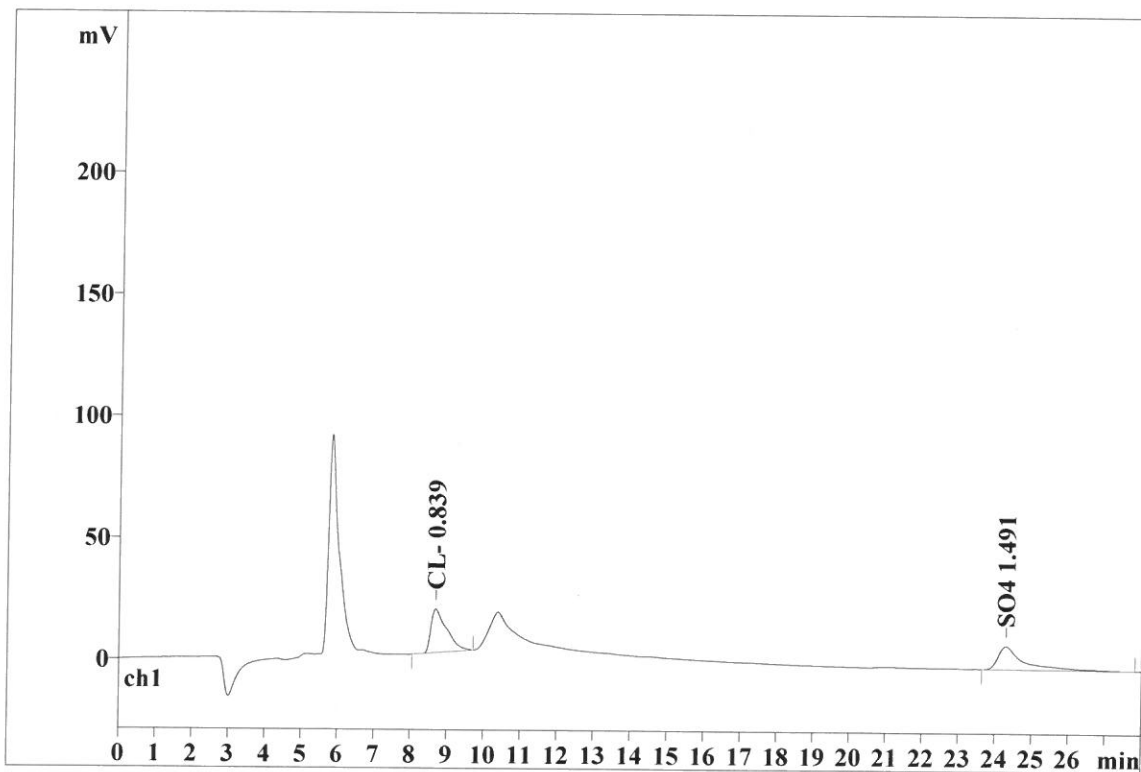
Ident: K3225-07
Analysis from: 6/7/2019 10:32:26 AM
File: _2019-06-07_

Last save: 6/7/2019 1:03:34 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21742

Last save: 6/7/2019 9:58:3

SAMPLE:
: AK/AP
Vial number: 23
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.69	0.476	17.88	65.29	531.972	52.98
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	24.30	0.561	9.50	34.70	472.094	47.02
7	28.00	0.148	27.39	99.99	1004.066	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:45:18 AM
Printed by: wet

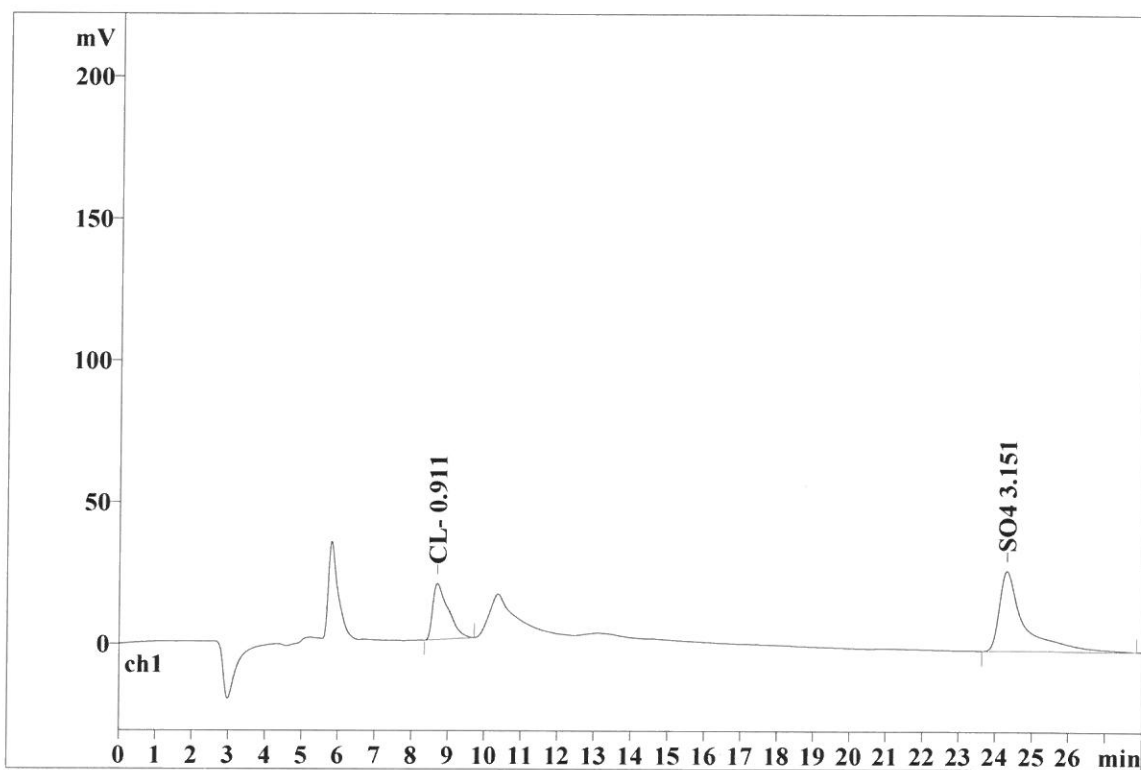
Ident: K3225-08
Analysis from: 6/7/2019 11:03:24 AM
File: _2019-06-07_

Last save: 6/7/2019 1:03:18 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21743

Last save: 6/7/2019 9:58:3

SAMPLE:
: AK/AP
Vial number: 24
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.70	0.472	19.78	41.22	582.643	30.23
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	24.31	0.536	28.20	58.77	1344.723	69.77
7	28.00	0.144	47.98	100.00	1927.366	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:45:27 AM
Printed by: wet

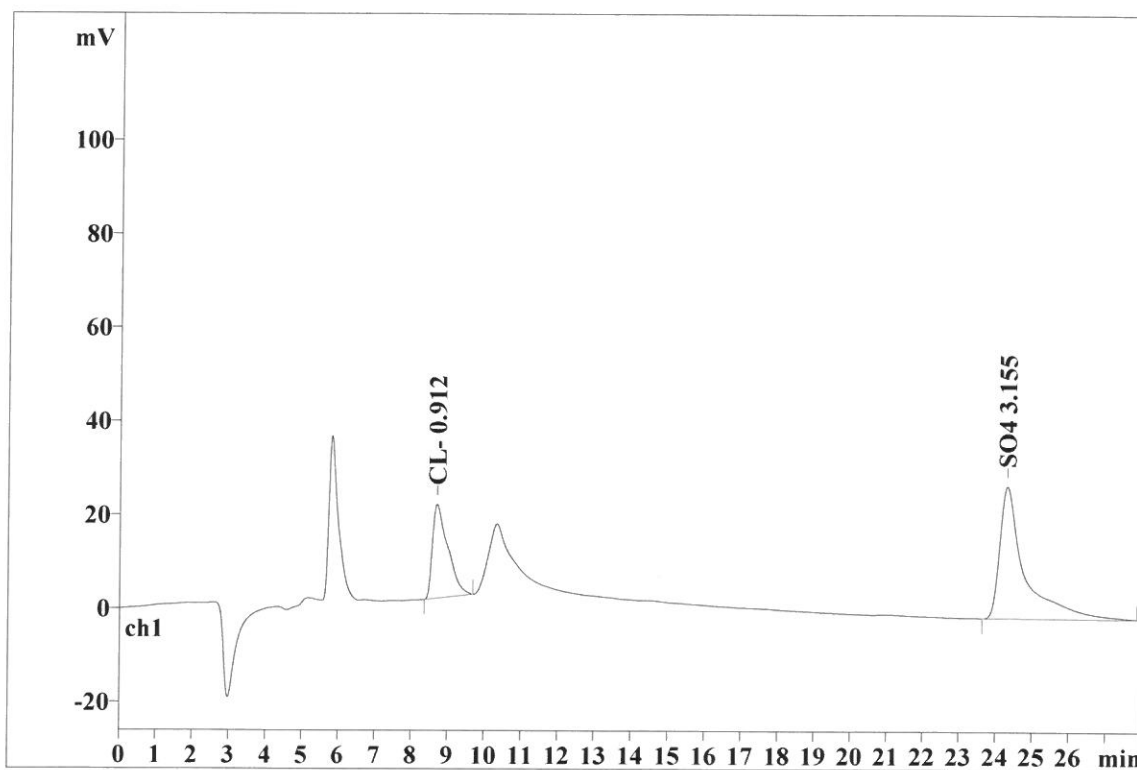
Ident: K3225-09
Analysis from: 6/7/2019 11:34:23 AM
File: _2019-06-07_

Last save: 6/7/2019 1:02:58 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21744

Last save: 6/7/2019 9:58:3

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.70	0.467	20.01	41.51	583.825	30.24
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	24.31	0.537	28.19	58.48	1346.825	69.76
7	28.00	0.143	48.20	99.99	1930.650	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:45:38 AM
Printed by: wet

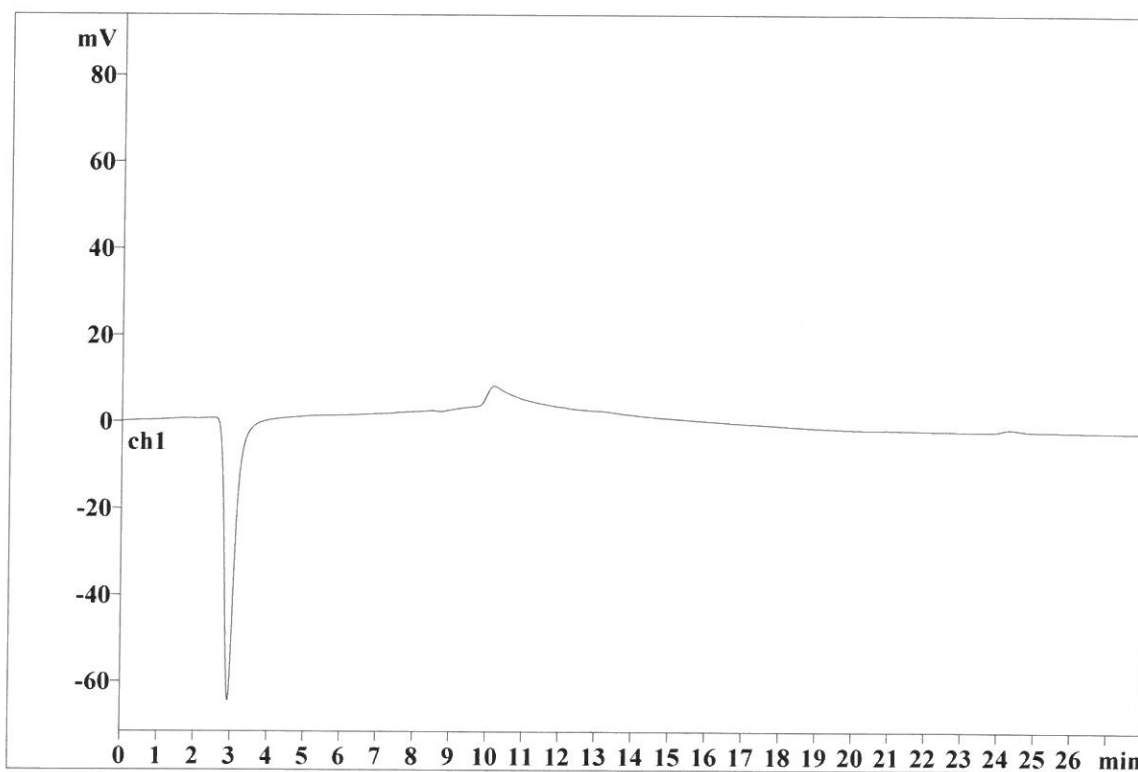
Ident: LB103293BLW
Analysis from: 6/7/2019 12:05:29 PM
File: _2019-06-07_

Last save: 6/9/2019 5:43:57 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21745

Last save: 6/7/2019 9:58:3

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: 6/9/2019 5:45:47 AM
Printed by: wet

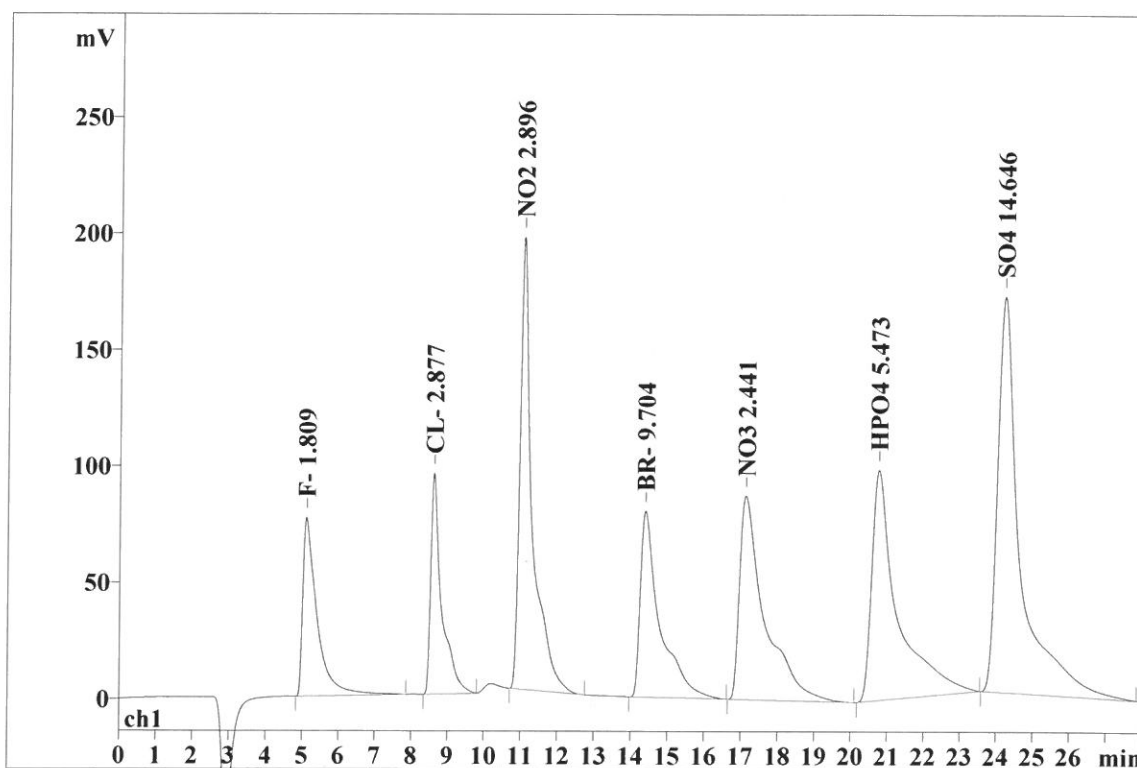
Ident: LB103293BSW
Analysis from: 6/7/2019 12:36:28 PM
File: _2019-06-07_

Last save: 6/9/2019 5:43:57 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21746

Last save: 6/7/2019 9:58:3

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 mV	Height %	Area mV*sec	Area %
1	5.10	0.374	76.71	9.56	2098.729	7.50
2	8.61	0.247	94.92	11.83	1978.856	7.08
3	11.06	0.273	194.37	24.22	4564.578	16.32
4	14.39	0.439	79.85	9.95	2954.554	10.57
5	17.12	0.569	87.52	10.91	4134.350	14.78
6	20.75	0.547	98.94	12.33	4846.608	17.33
7	24.20	0.504	170.11	21.20	7387.321	26.42
7	28.00	0.422	802.42	100.00	27964.996	100.00

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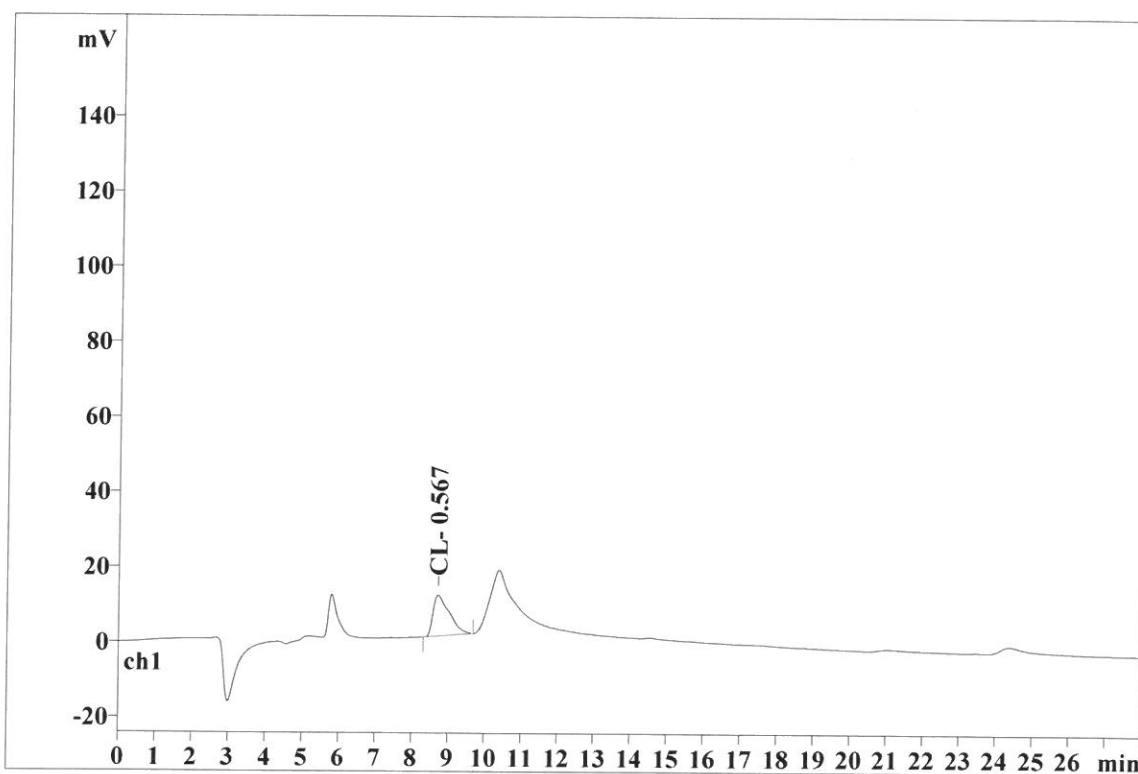
Report date: 6/9/2019 5:46:16 AM
 Printed by: wet

Ident: K3225-02
 Analysis from: 6/7/2019 1:11:35 PM
 File: _2019-06-07_
 Modified!
 Method: AnionsIC2-051519.mtw
 Run operator: wet
 Analysis number: 21747

Last save: 6/7/2019 1:39:35 PM

Last save: 6/7/2019 9:58:3

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.71	0.510	10.90	99.98	338.831	100.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	0.00	0.000	0.00	0.00	0.000	0.00
7	28.00	0.073	10.90	99.98	338.831	100.00

This report has been created by IC Net
 METROHM LTD

Report date: 6/9/2019 5:46:28 AM
Printed by: wet

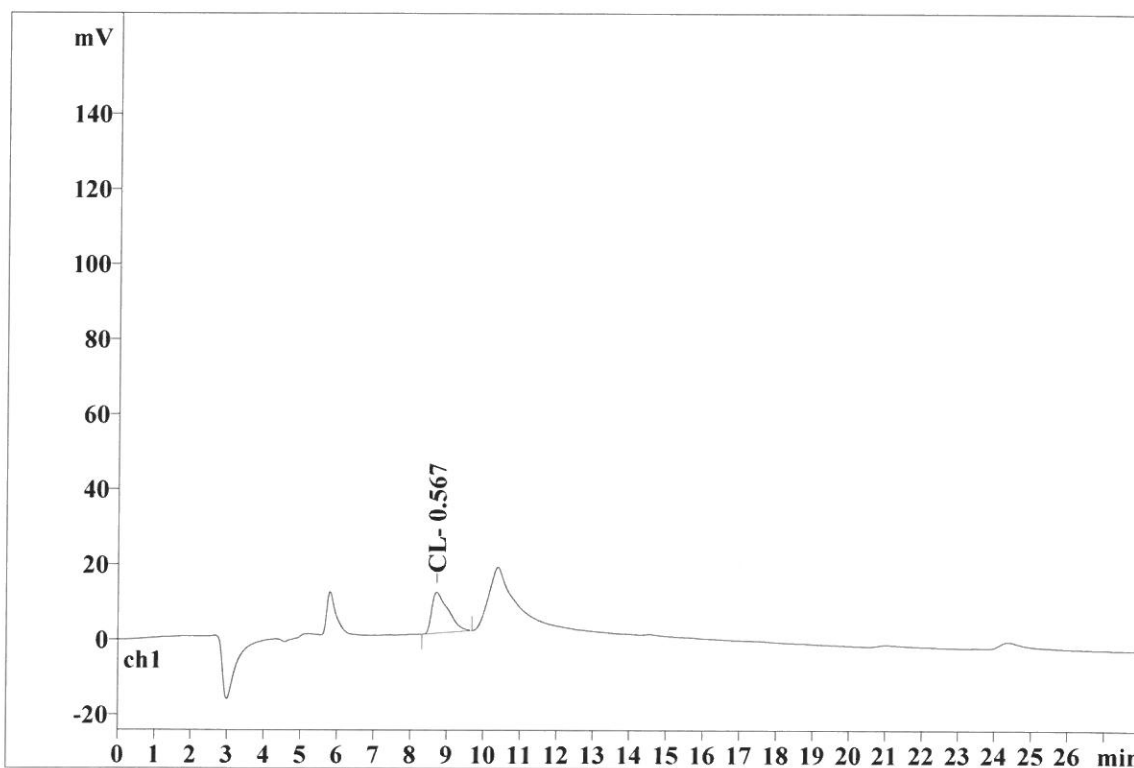
Ident: K3225-02
Analysis from: 6/7/2019 1:11:35 PM
File: _2019-06-07_

Last save: 6/9/2019 5:46:22 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21747

Last save: 6/7/2019 9:58:3

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.71	0.510	10.90	99.98	338.831	100.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	0.00	0.000	0.00	0.00	0.000	0.00
7	28.00	0.073	10.90	99.98	338.831	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:46:41 AM
Printed by: wet

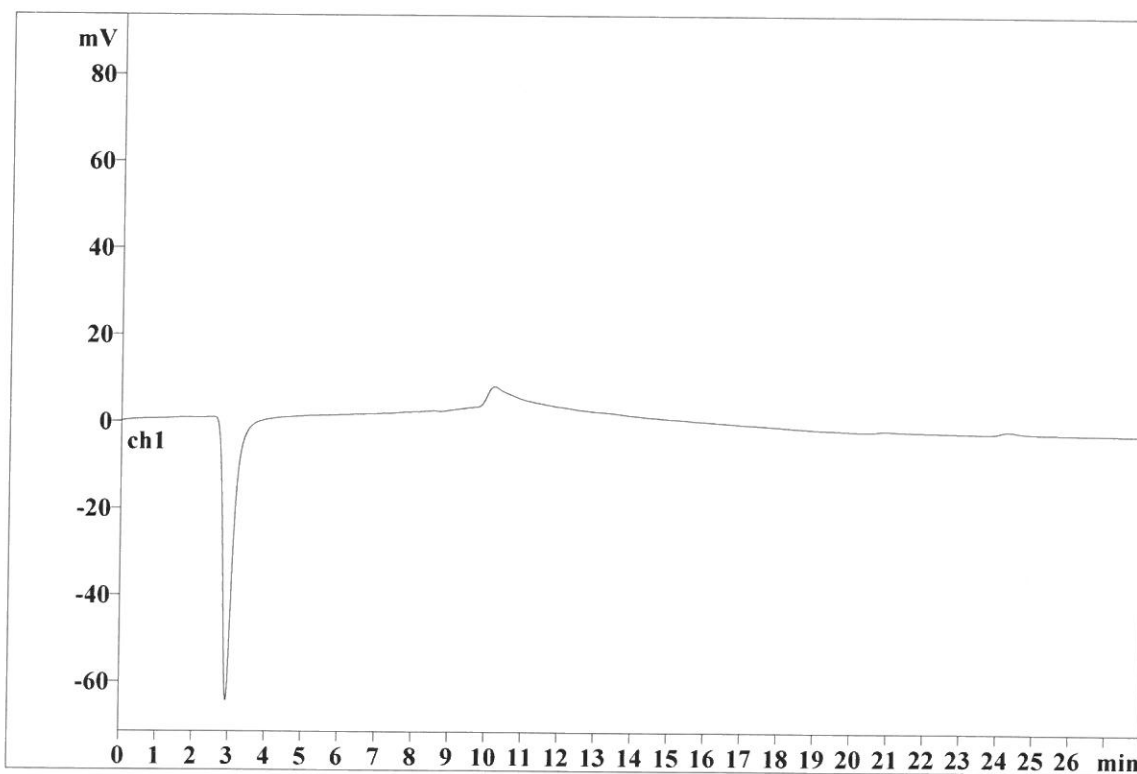
Ident: K3225-05
Analysis from: 6/7/2019 1:42:36 PM
File: _2019-06-07_

Last save: 6/7/2019 2:10:36 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21748

Last save: 6/7/2019 9:58:3

SAMPLE:
: AK/AP
Vial number: 30
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: 6/9/2019 5:48:01 AM
Printed by: wet

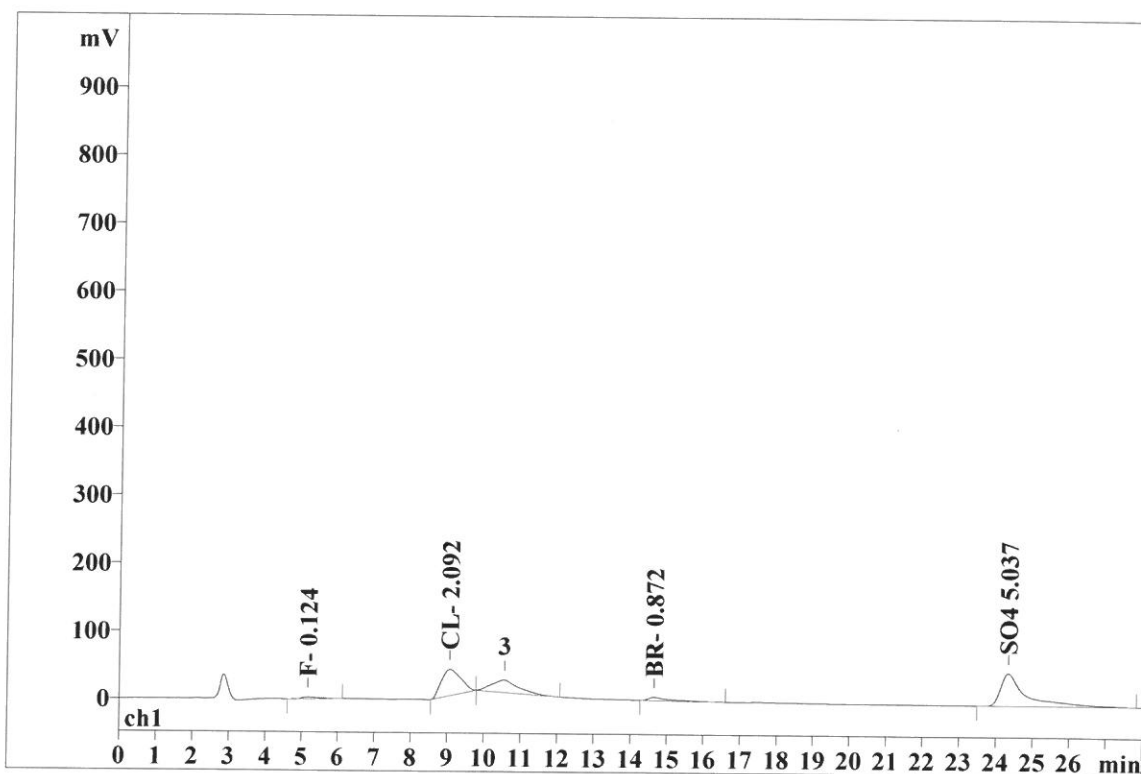
Ident: K3225-06
Analysis from: 6/7/2019 2:13:34 PM
File: _2019-06-07_

Last save: 6/9/2019 5:47:42 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21749

Last save: 6/7/2019 9:58:3

SAMPLE:
: AK/AP
Vial number: 31
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.17	0.498	2.60	2.32	86.040	1.73
2	9.05	0.619	38.69	34.49	1421.608	28.61
3	0.00	0.000	0.00	0.00	0.000	0.00
4	14.65	0.466	4.93	4.39	192.278	3.87
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	24.34	0.540	47.65	42.48	2336.126	47.01
7	28.00	0.303	93.86	83.68	4036.052	81.22

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:49:53 AM
Printed by: wet

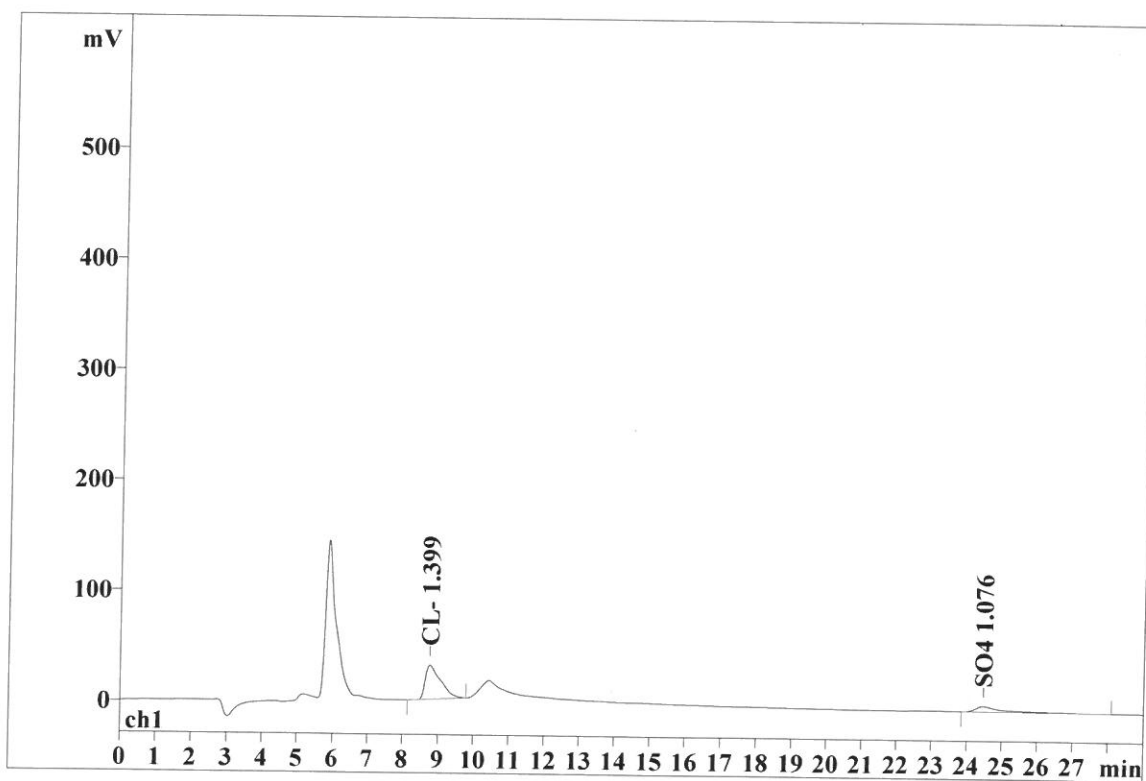
Ident: K3267-02
Analysis from: 6/7/2019 3:16:33 PM
File: _2019-06-07_

Last save: 6/9/2019 5:49:52 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21751

Last save: 6/7/2019 2:58:2

SAMPLE:
: AK/AP
Vial number: 34
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.77	0.488	30.74	86.31	929.394	78.55
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	24.48	0.594	4.87	13.68	253.730	21.45
7	29.00	0.155	35.61	100.00	1183.124	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:50:07 AM
Printed by: wet

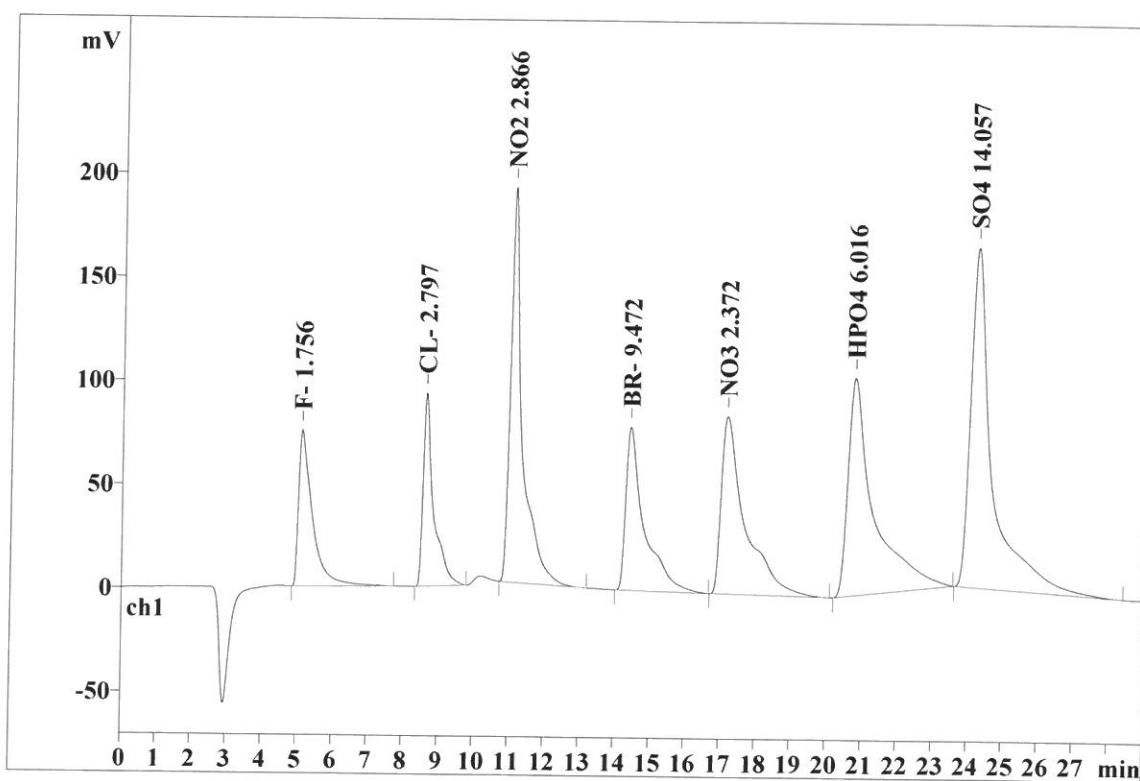
Ident: CCV
Analysis from: 6/7/2019 3:48:39 PM
File: _2019-06-07_

Last save: 6/7/2019 4:17:40 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21752

Last save: 6/7/2019 2:58:2

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 mV	Height %	Area mV*sec	Area %
1	5.10	0.371	75.33	9.51	2036.415	7.34
2	8.62	0.246	93.14	11.76	1922.063	6.93
3	11.08	0.272	190.43	24.04	4513.956	16.27
4	14.42	0.435	78.64	9.93	2881.987	10.39
5	17.17	0.564	85.59	10.81	4013.836	14.47
6	20.77	0.563	104.91	13.24	5290.177	19.07
7	24.22	0.501	164.02	20.71	7077.688	25.52
7	29.00	0.422	792.06	100.00	27736.122	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:50:17 AM
Printed by: wet

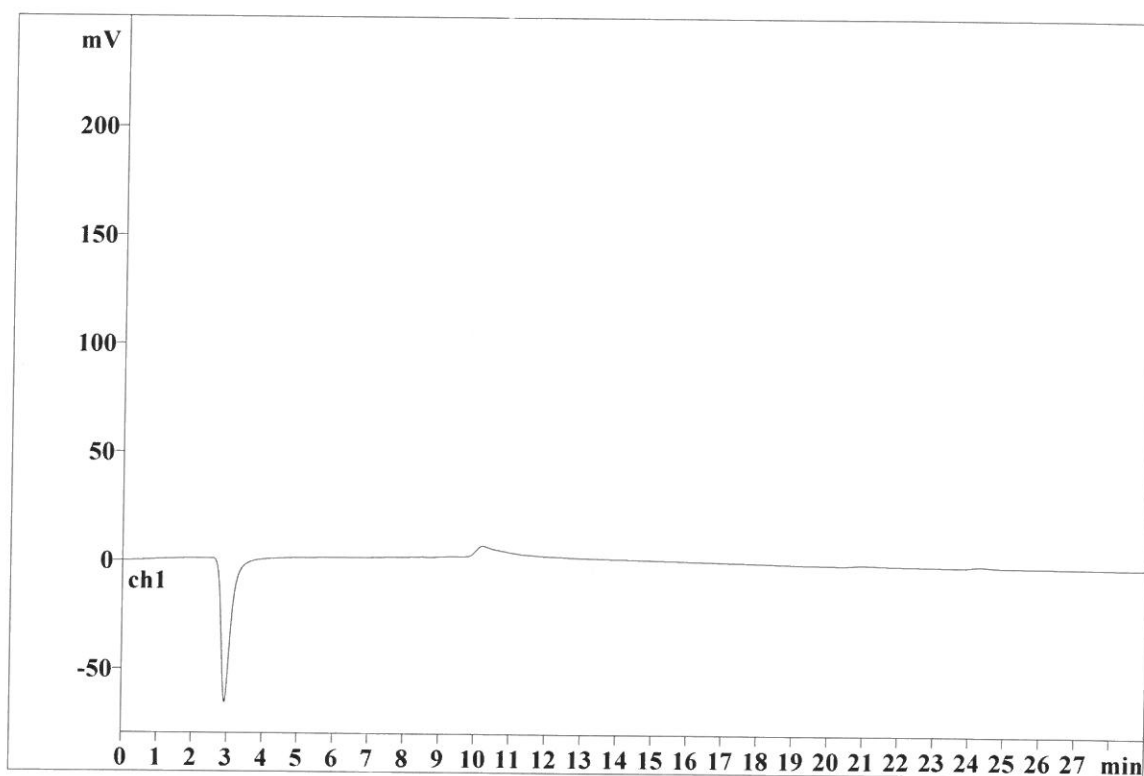
Ident: CCB
Analysis from: 6/7/2019 4:39:25 PM
File: _2019-06-07_

Last save: 6/7/2019 5:08:25 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21753

Last save: 6/7/2019 2:58:2

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: 6/9/2019 5:50:34 AM
Printed by: wet

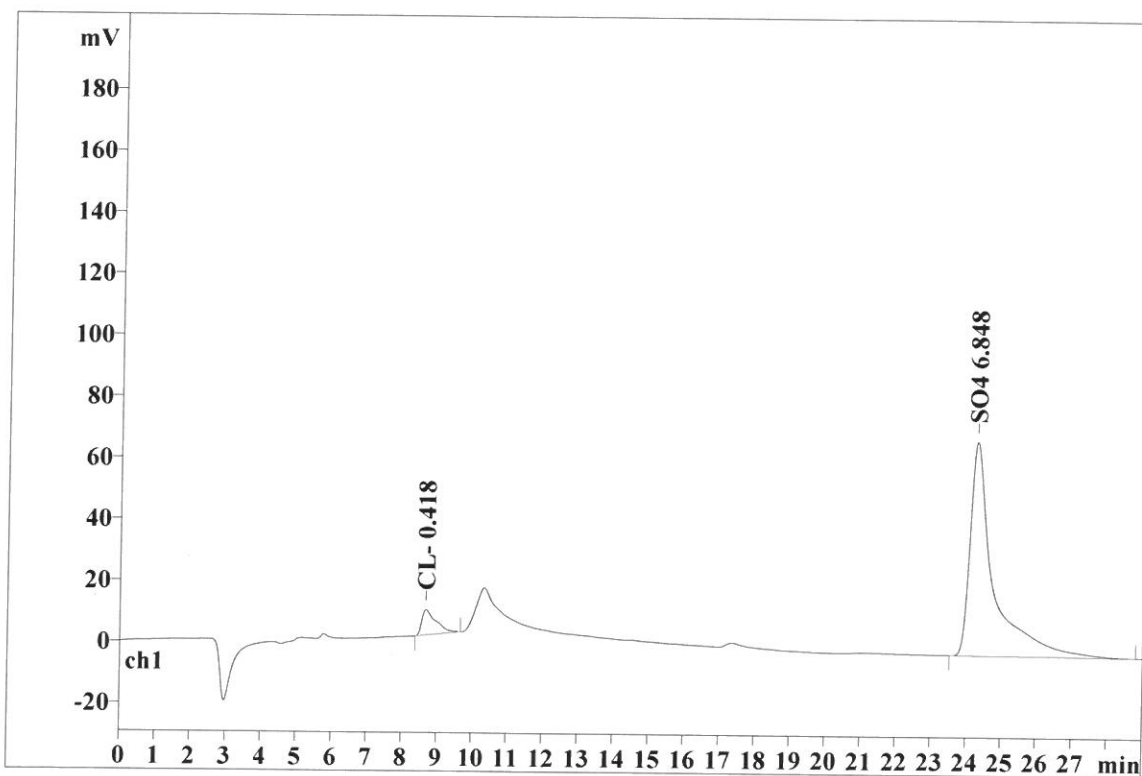
Ident: K3267-03
Analysis from: 6/7/2019 5:11:31 PM
File: _2019-06-07_

Last save: 6/7/2019 5:40:32 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21754

Last save: 6/7/2019 2:58:2

SAMPLE:
: AK/AP
Vial number: 35
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.69	0.436	8.24	10.57	232.793	6.61
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	24.29	0.522	69.71	89.43	3288.308	93.39
7	29.00	0.137	77.94	100.00	3521.101	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:51:30 AM
Printed by: wet

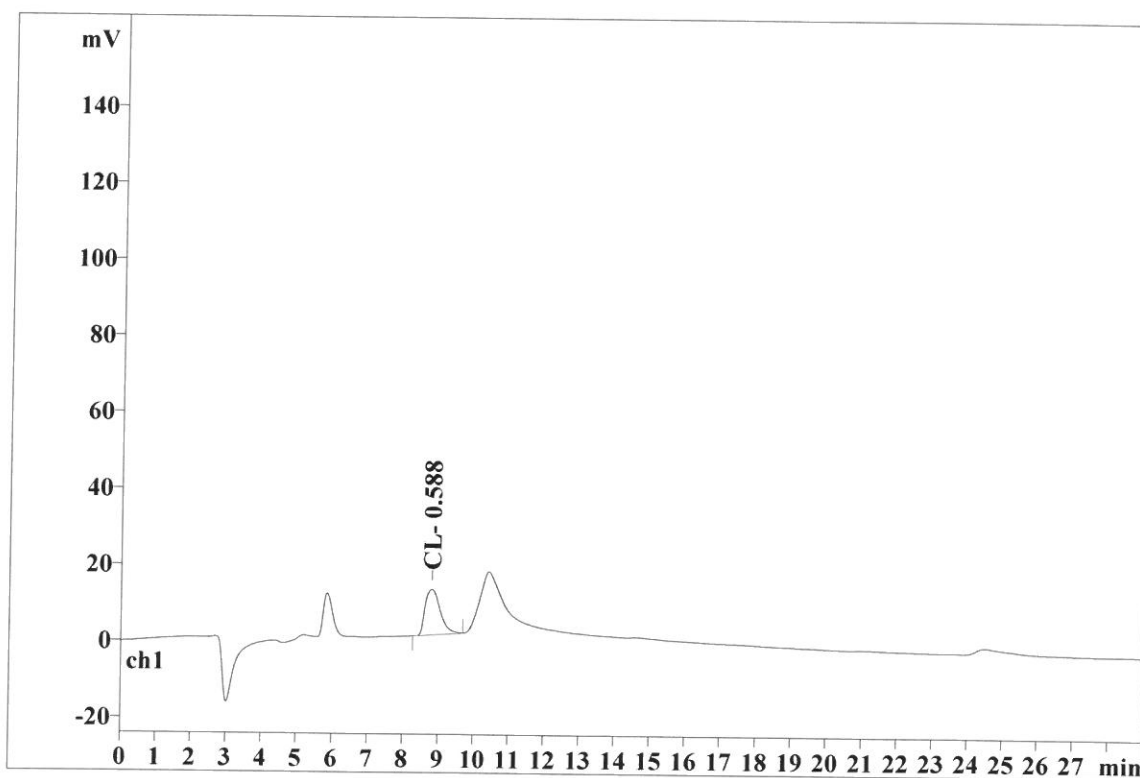
Ident: K3225-02DUP
Analysis from: 6/7/2019 6:15:34 PM
File: _2019-06-07_

Last save: 6/9/2019 5:51:15 AM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21756

Last save: 6/7/2019 2:58:2

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.80	0.467	11.90	99.99	353.766	100.00
3	0.00	0.000	0.00	0.00	0.000	0.00
4	0.00	0.000	0.00	0.00	0.000	0.00
5	0.00	0.000	0.00	0.00	0.000	0.00
6	0.00	0.000	0.00	0.00	0.000	0.00
7	0.00	0.000	0.00	0.00	0.000	0.00
7	29.00	0.067	11.90	99.99	353.766	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:52:42 AM
Printed by: wet

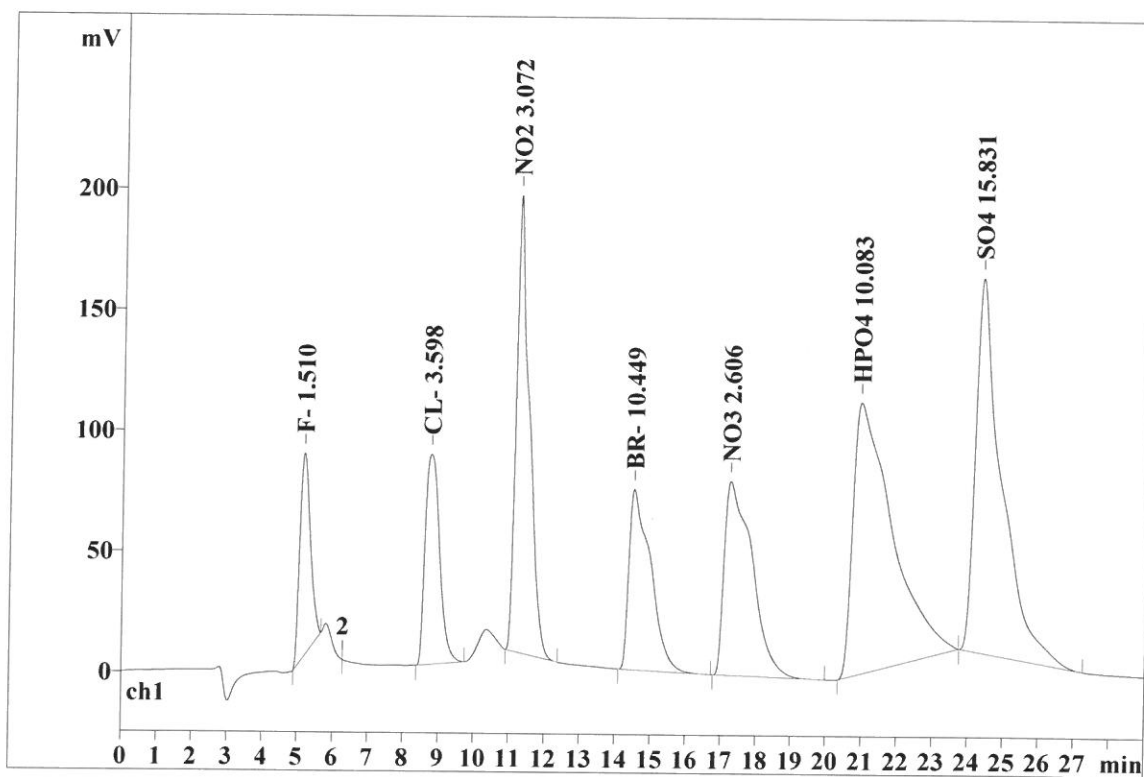
Ident: K3225-03MS
Analysis from: 6/7/2019 6:47:33 PM
File: _2019-06-07_

Last save: 6/7/2019 7:16:34 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21757

Last save: 6/7/2019 2:58:2

SAMPLE:
:
Vial number: 28
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.15	0.325	84.62	10.81	1741.941	5.23
2	8.75	0.449	86.91	11.10	2490.947	7.47
3	11.22	0.420	188.99	24.14	4856.238	14.57
4	14.51	0.715	74.65	9.54	3187.650	9.57
5	17.25	0.911	80.25	10.25	4422.083	13.27
6	20.94	1.136	112.40	14.36	8616.643	25.86
7	24.36	0.689	154.96	19.80	8010.130	24.04
7	29.00	0.664	782.77	99.99	33325.631	100.00

This report has been created by IC Net
METROHM LTD

Report date: 6/9/2019 5:52:58 AM
Printed by: wet

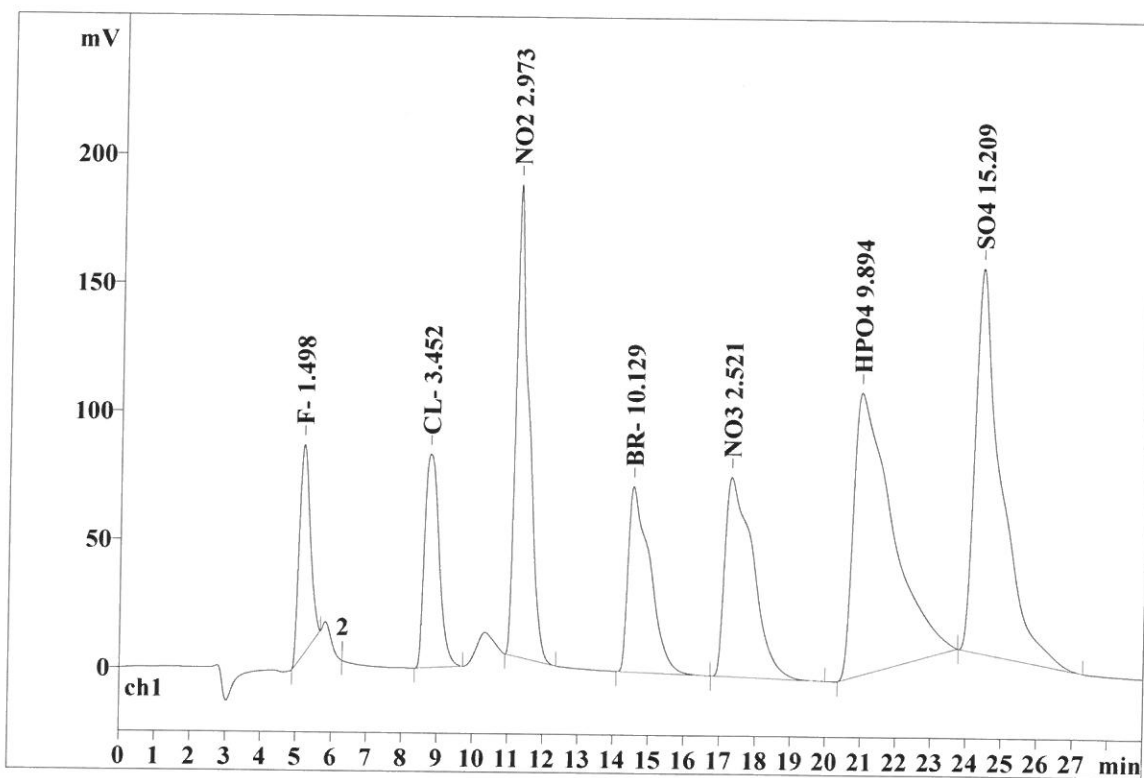
Ident: K3225-04MSD
Analysis from: 6/7/2019 7:19:32 PM
File: _2019-06-07_

Last save: 6/7/2019 7:48:32 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21758

Last save: 6/7/2019 2:58:2

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 mV	Height %	Area mV*sec	Area %
1	5.16	0.333	82.41	10.86	1727.395	5.35
2	8.76	0.450	83.07	10.94	2386.723	7.39
3	11.23	0.413	183.77	24.21	4691.804	14.52
4	14.52	0.714	72.28	9.52	3087.523	9.56
5	17.27	0.910	77.70	10.24	4272.835	13.22
6	20.95	1.138	110.09	14.50	8461.584	26.19
7	24.37	0.676	149.73	19.73	7683.576	23.78
7	29.00	0.662	759.04	99.99	32311.440	100.00

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Report date: 6/9/2019 5:53:10 AM
Printed by: wet

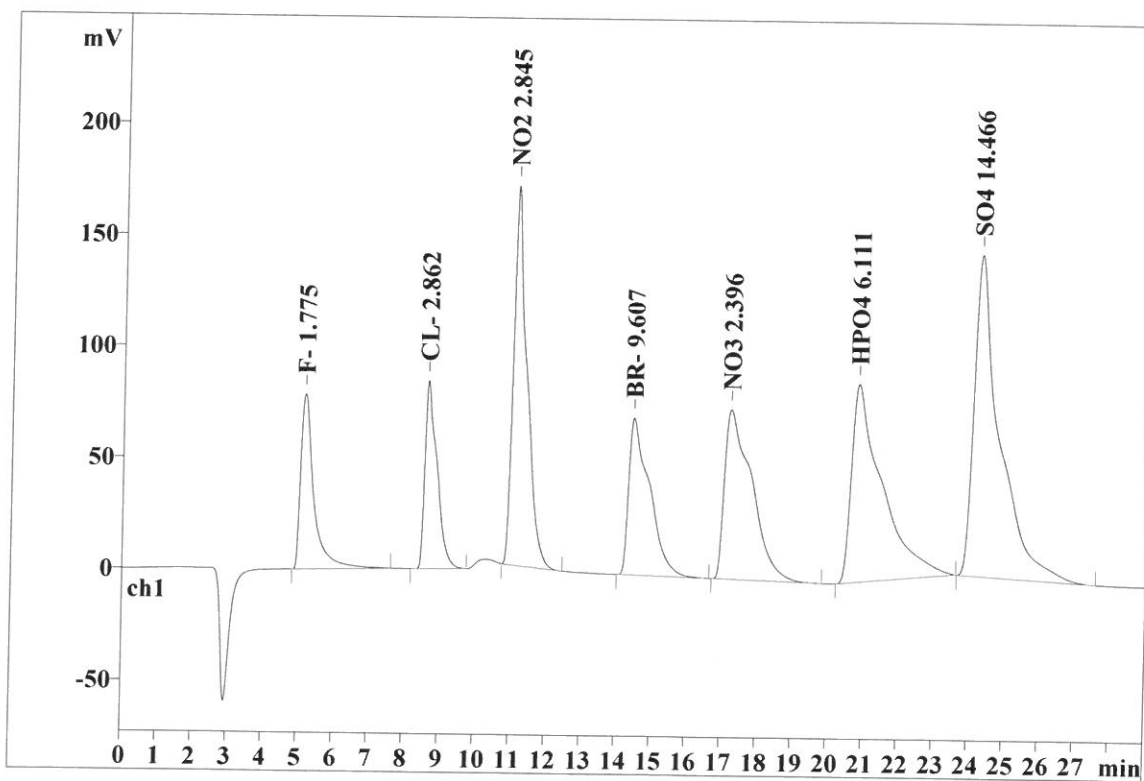
Ident: CCV
Analysis from: 6/7/2019 7:51:39 PM
File: _2019-06-07_

Last save: 6/7/2019 8:20:40 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21759

Last save: 6/7/2019 2:58:2

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 mV	Height %	Area mV*sec	Area %
1	5.16	0.353	78.44	11.01	2058.969	7.32
2	8.64	0.381	84.23	11.82	1968.441	6.99
3	11.10	0.406	170.28	23.90	4478.346	15.91
4	14.46	0.698	70.41	9.88	2924.171	10.39
5	17.22	0.897	76.04	10.67	4054.644	14.41
6	20.83	0.885	88.80	12.46	5367.829	19.07
7	24.29	0.615	144.21	20.24	7293.025	25.91
7	29.00	0.605	712.40	100.00	28145.424	100.00

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Report date: 6/9/2019 5:53:19 AM
Printed by: wet

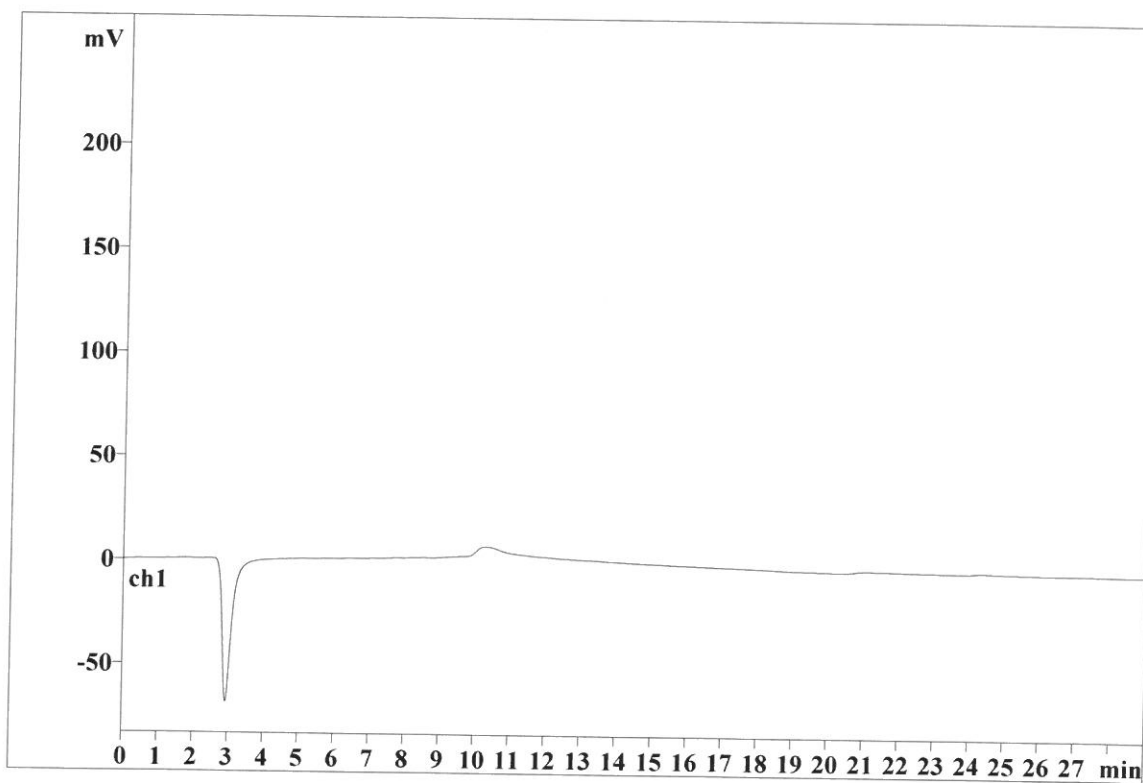
Ident: CCB
Analysis from: 6/7/2019 8:23:39 PM
File: _2019-06-07_

Last save: 6/7/2019 8:52:39 PM

Method: AnionsIC2-051519.mtw
Run operator: wet
Analysis number: 21760

Last save: 6/7/2019 2:58:2

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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