

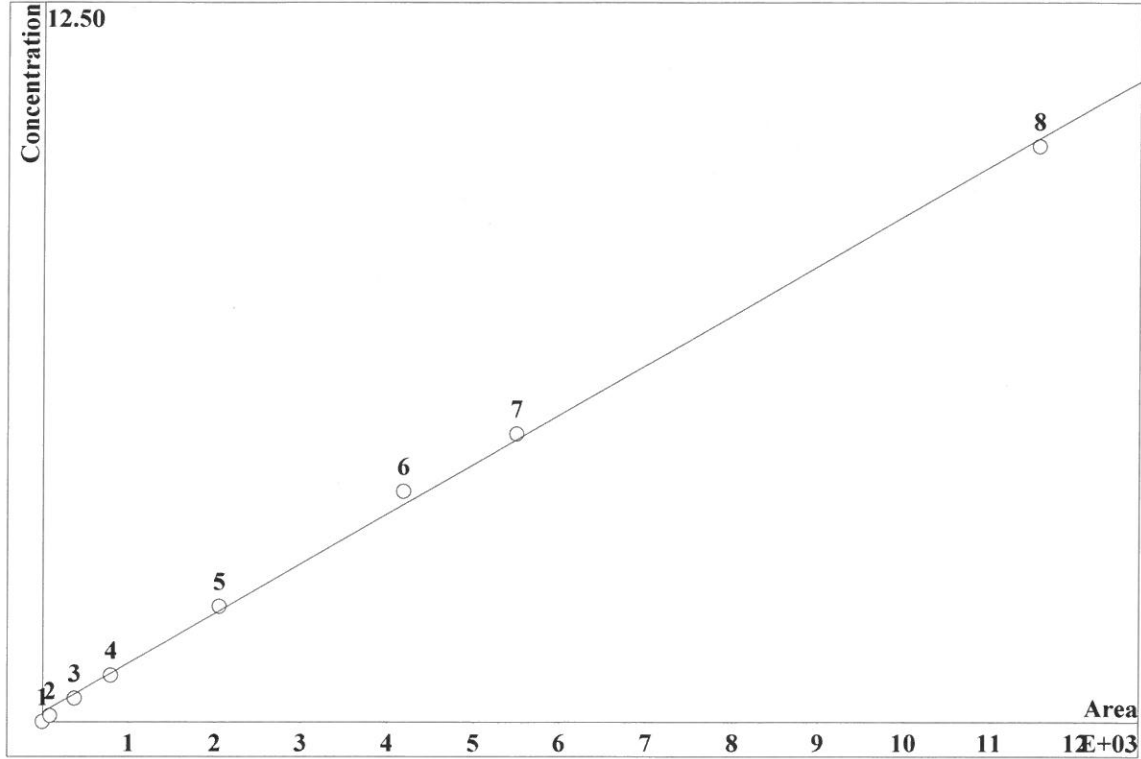
m 300-0
 IC-2
 AK 3-27-17

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	2017-03-16_	3/16/17 13:51
STD2	0.2400	0.4300	0.3940	1.3890	0.3510	0.6790	2.0740	2017-03-16_	3/16/17 14:22
STD3	0.4810	0.8130	0.7500	2.6280	0.6560	1.3630	3.8490	2017-03-16_	3/16/17 14:59
STD4	0.8410	1.3110	1.2540	4.3200	1.0720	2.3230	6.3000	2017-03-16_	3/16/17 15:30
STD5	1.9260	2.8310	2.8670	9.4750	2.3640	4.9930	13.8440	2017-03-16_	3/16/17 16:02
STD6	3.7740	5.6290	5.7140	18.8990	4.7210	8.8390	27.8000	2017-03-16_	3/16/17 16:34
STD7	4.9030	7.1200	7.2290	23.8130	5.9720	11.9580	37.4430	2017-03-16_	3/16/17 17:06
STD8	10.1340	15.3150	15.2430	50.9770	12.7390	25.5950	75.9400	2017-03-16_	3/16/17 17:37
ICV	4.9030	7.1450	7.3950	23.9630	6.0120	12.4810	35.2460	2017-03-16_	3/16/17 19:13
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-16_	3/16/17 19:44
CCV	4.8170	7.0710	7.2390	23.6360	5.9110	12.6820	34.8480	2017-03-24_	3/24/17 11:31
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-24_	3/24/17 12:04
LB86533BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-24_	3/24/17 12:35
LB86533BSW	4.7740	7.0400	7.2360	23.5430	5.9070	12.8830	34.8950	2017-03-24_	3/24/17 13:06
I2389-02	0.2820	259.6430	0.0000	1.3790	0.3020	0.0000	6.5930	2017-03-24_	3/24/17 13:37
I2389-02DUP	0.2800	261.9990	0.0000	1.3820	0.3020	0.0000	6.5940	2017-03-24_	3/24/17 14:08
I2389-06	0.0000	323.7090	0.0000	1.2330	0.0000	0.0000	43.3890	2017-03-24_	3/24/17 14:39
I2389-12	0.3320	238.7950	0.0000	0.0000	0.0000	0.0000	108.4350	2017-03-24_	3/24/17 15:10
I2389-13	0.0000	253.6560	0.0000	0.0000	0.0000	0.0000	31.7660	2017-03-24_	3/24/17 15:40
I2389-14	0.0000	266.5080	0.0000	0.0000	0.0000	0.0000	101.3300	2017-03-24_	3/24/17 16:11
I2389-02MS	5.3050	194.7610	7.3960	24.5950	6.1100	12.4280	42.3570	2017-03-24_	3/24/17 16:42
CCV	4.8270	7.1000	7.2490	23.6590	5.9230	13.6890	34.8750	2017-03-24_	3/24/17 17:44
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-24_	3/24/17 18:20
CCV	5.0160	7.1050	7.2260	23.7140	5.9160	12.8090	35.2250	2017-03-27_	3/27/17 10:16
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-27_	3/27/17 10:47
LB86533BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-27_	3/27/17 11:18
LB86533BSW2	5.0730	7.1110	7.2540	23.7280	5.9400	13.7360	35.4010	2017-03-27_	3/27/17 11:49
I2389-02DLX20C	0.0000	5.1210	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-27_	3/27/17 12:20
I2389-06DLX40C	0.0000	3.9800	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-27_	3/27/17 12:50
I2389-12DLX20C	0.0000	3.6050	0.0000	0.0000	0.0000	0.0000	1.9300	2017-03-27_	3/27/17 13:21
I2389-13DLX20C	0.0000	5.1200	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-27_	3/27/17 13:51
I2389-14DLX20C	0.0000	5.8170	0.0000	0.0000	0.0000	0.0000	1.9020	2017-03-27_	3/27/17 14:22
CCV	5.1000	7.1510	7.2830	23.8240	5.9470	13.7160	35.4190	2017-03-27_	3/27/17 14:52
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2017-03-27_	3/27/17 15:28

CALIBRATION OF COMPONENT F-

Method: AnionIC2-031617.mtw
 Equation: $Q = 0.0172477 \cdot A + 3.21771$
 RSD: 4.695 %
 Correlation coefficient: 0.999252

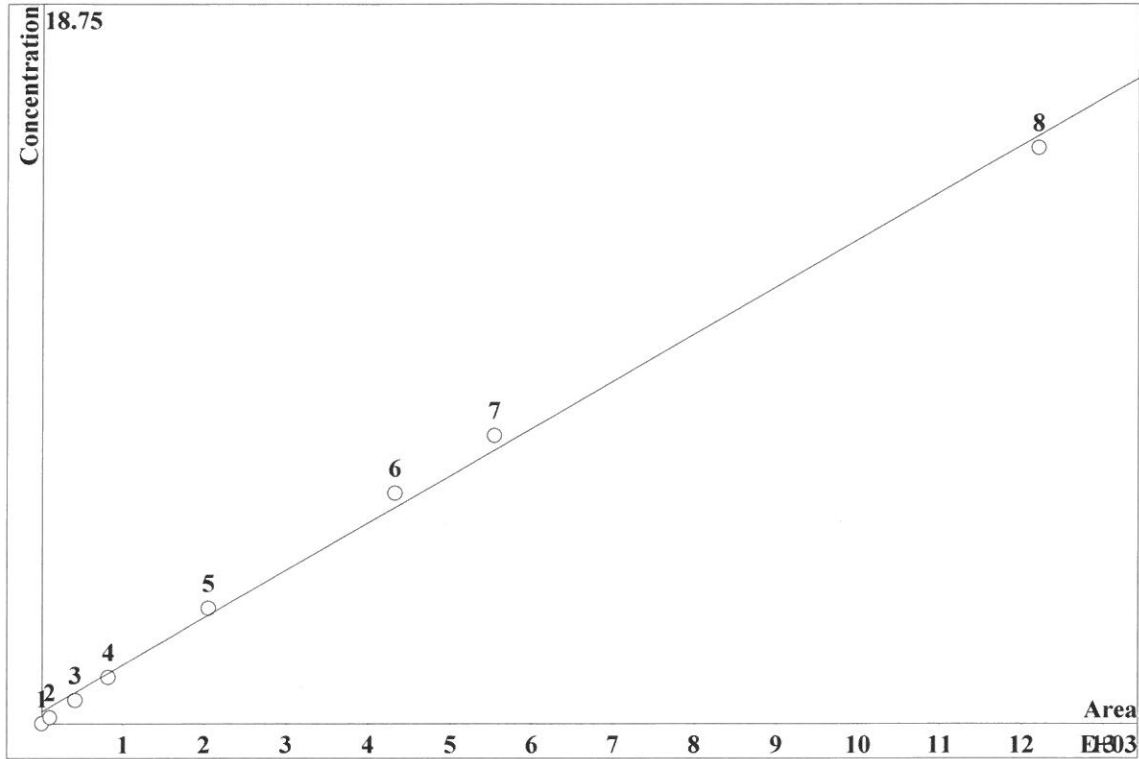


K3 = 0 K2 = 0 K1 = 0.0172477 K0 = 3.21771
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.475	91.81	0.1	20	5.175		
3	20.58	371.3	0.4	20	5.175		
4	43.5	789	0.8	20	5.175		
5	113	2046	2	20	5.175		
6	221.5	4190	4	20	5.175		
7	287.8	5499	5	20	5.175		
8	632.3	1.157e+04	10	20	5.175		

CALIBRATION OF COMPONENT CL-

Method: AnionIC2-031617.mtw
 Equation: $Q = 0.0246174 \cdot A + 6.10341$
 RSD: 6.915 %
 Correlation coefficient: 0.998376

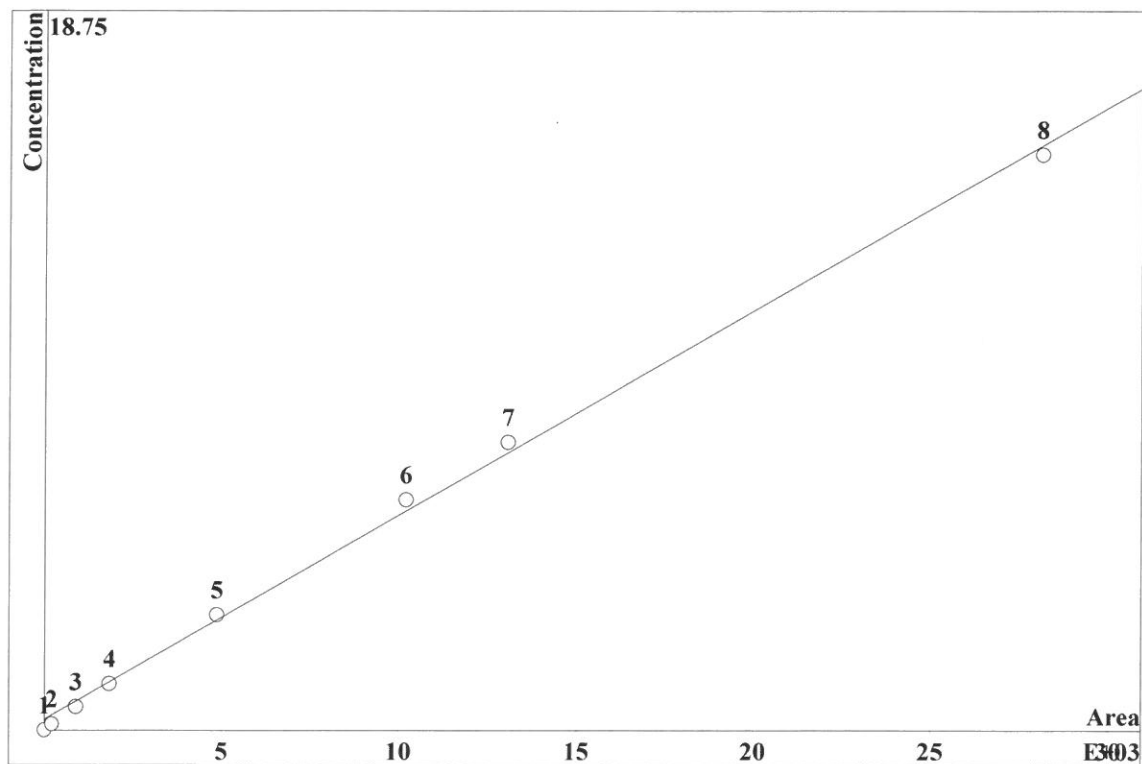


K3 = 0 K2 = 0 K1 = 0.0246174 K0 = 6.10341
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0	0	0
2	7.885	101.5	0.15	20	9.032		
3	30.88	412.5	0.6	20	9.032		
4	61.79	817.5	1.2	20	9.032		
5	157.4	2052	3	20	9.032		
6	338.3	4326	6	20	9.032		
7	430.1	5537	7.5	20	9.032		
8	962.4	1.219e+04	15	20	9.032		

CALIBRATION OF COMPONENT NO2

Method: AnionIC2-031617.mtw
 Equation: $\hat{Q} = 0.0106527 \cdot A + 5.51398$
 RSD: 5.275 %
 Correlation coefficient: 0.999055

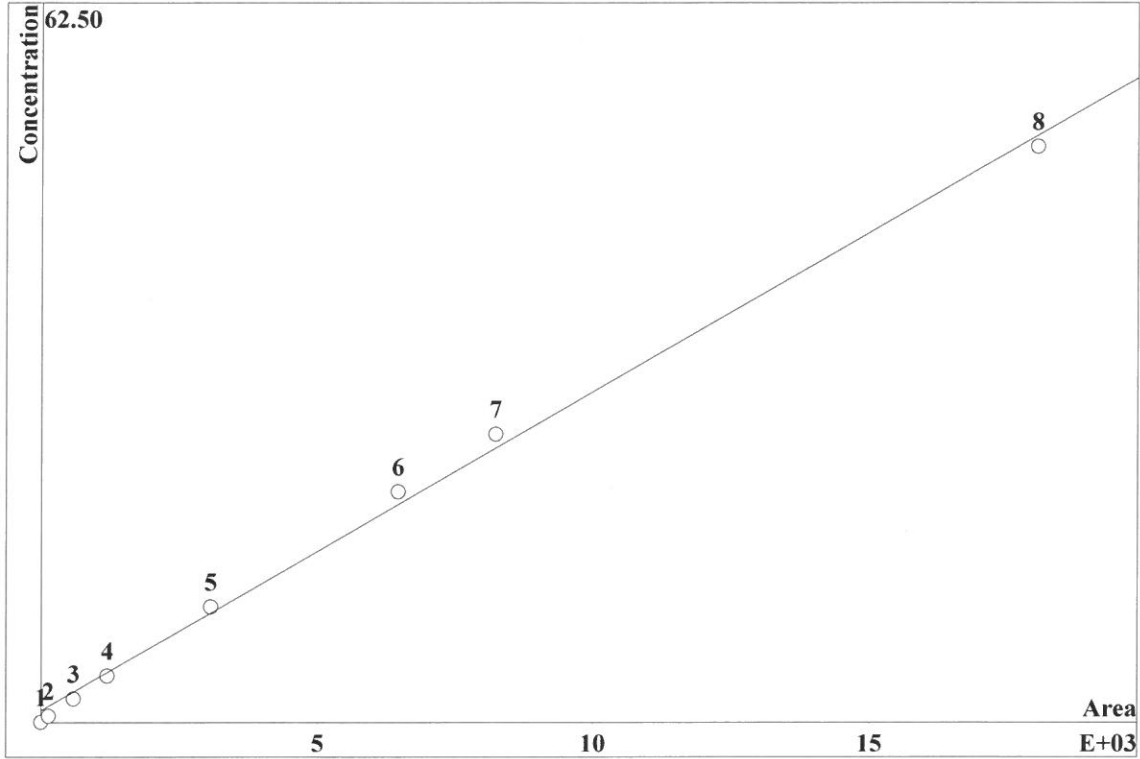


K3 = 0 K2 = 0 K1 = 0.0106527 K0 = 5.51398
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	13.99	222.8	0.15	20	11.72		
3	55.93	890.3	0.6	20	11.72		
4	114.6	1837	1.2	20	11.72		
5	301.8	4864	3	20	11.72		
6	639.8	1.021e+04	6	20	11.72		
7	809.4	1.305e+04	7.5	20	11.72		
8	1646	2.81e+04	15	20	11.72		

CALIBRATION OF COMPONENT BR-

Method: AnionIC2-031617.mtw
 Equation: $Q = 0.0554211 \cdot A + 19.8449$
 RSD: 6.363 %
 Correlation coefficient: 0.998625

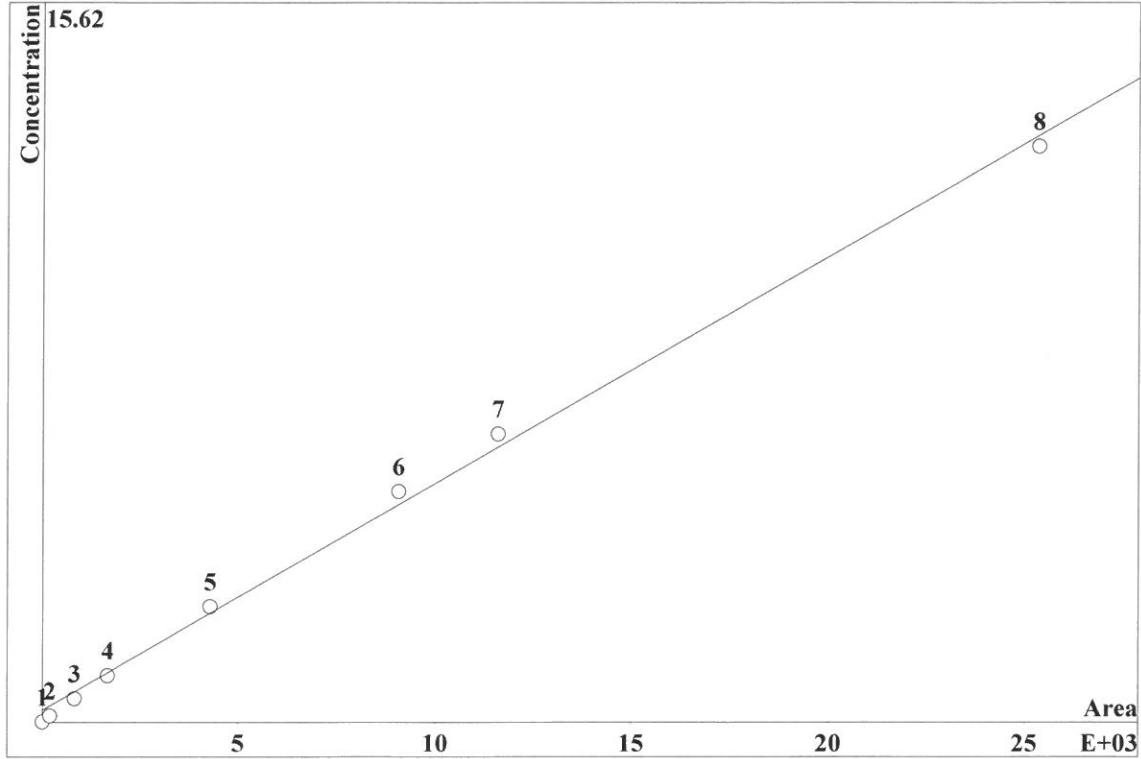


K3 = 0 K2 = 0 K1 = 0.0554211 K0 = 19.8449
 Base: Area
 Ref.channel: chl
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.891	143.1	143.1	0.5	20		15.11
3	28.25	590.1	590.1	2	20		15.11
4	57.3	1201	1201	4	20		15.11
5	146.7	3061	3061	10	20		15.11
6	310.5	6462	6462	20	20		15.11
7	393.8	8235	8235	25	20		15.11
8	867.6	1.804e+04	1.804e+04	50	20		15.11

CALIBRATION OF COMPONENT NO3

Method: AnionIC2-031617.mtw
 Equation: $Q = 0.00984921 \cdot A + 5.07064$
 RSD: 6.266 %
 Correlation coefficient: 0.998667

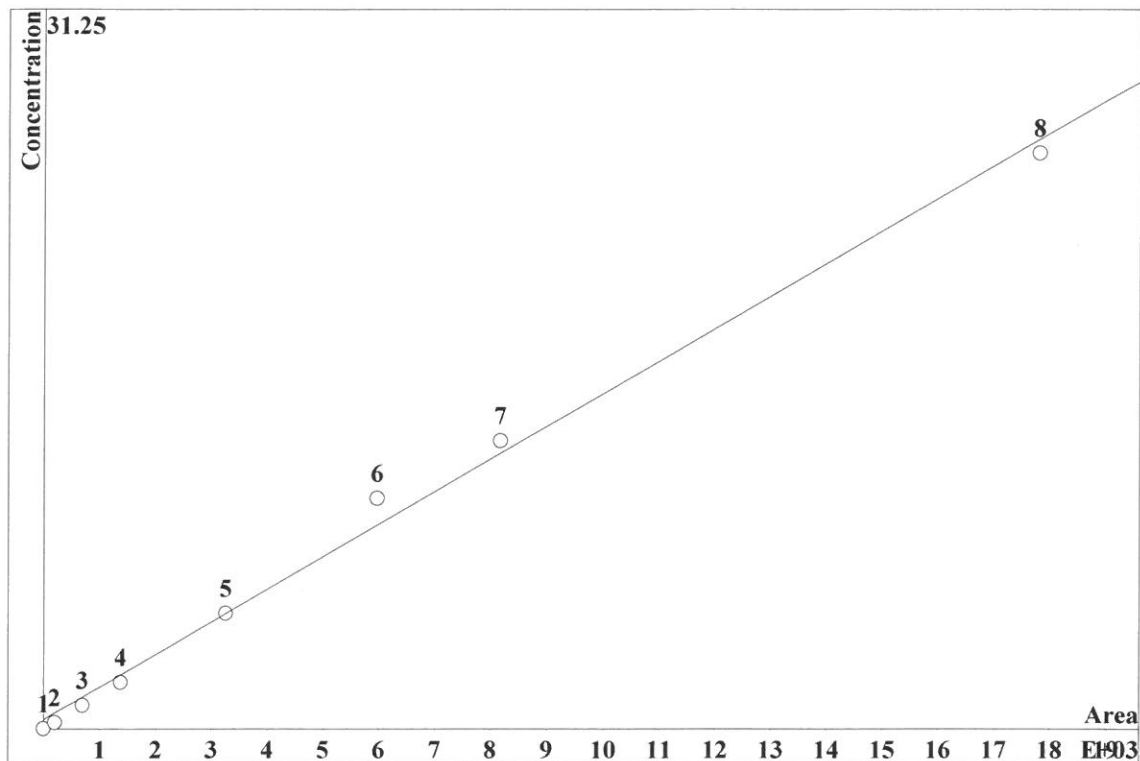


K3 = 0 K2 = 0 K1 = 0.00984921 K0 = 5.07064
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	8.19	198.5	198.5	0.125	20		17.96
3	33.37	818.1	818.1	0.5	20		17.96
4	67.22	1661	1661	1	20		17.96
5	169.8	4286	4286	2.5	20		17.96
6	352.1	9072	9072	5	20		17.96
7	443.5	1.161e+04	1.161e+04	6.25	20		17.96
8	928.4	2.535e+04	2.535e+04	12.5	20		17.96

CALIBRATION OF COMPONENT HPO4

Method: AnionIC2-031617.mtw
 Equation: $Q = 0.0283193 \cdot A + 7.72924$
 RSD: 8.727 %
 Correlation coefficient: 0.997412

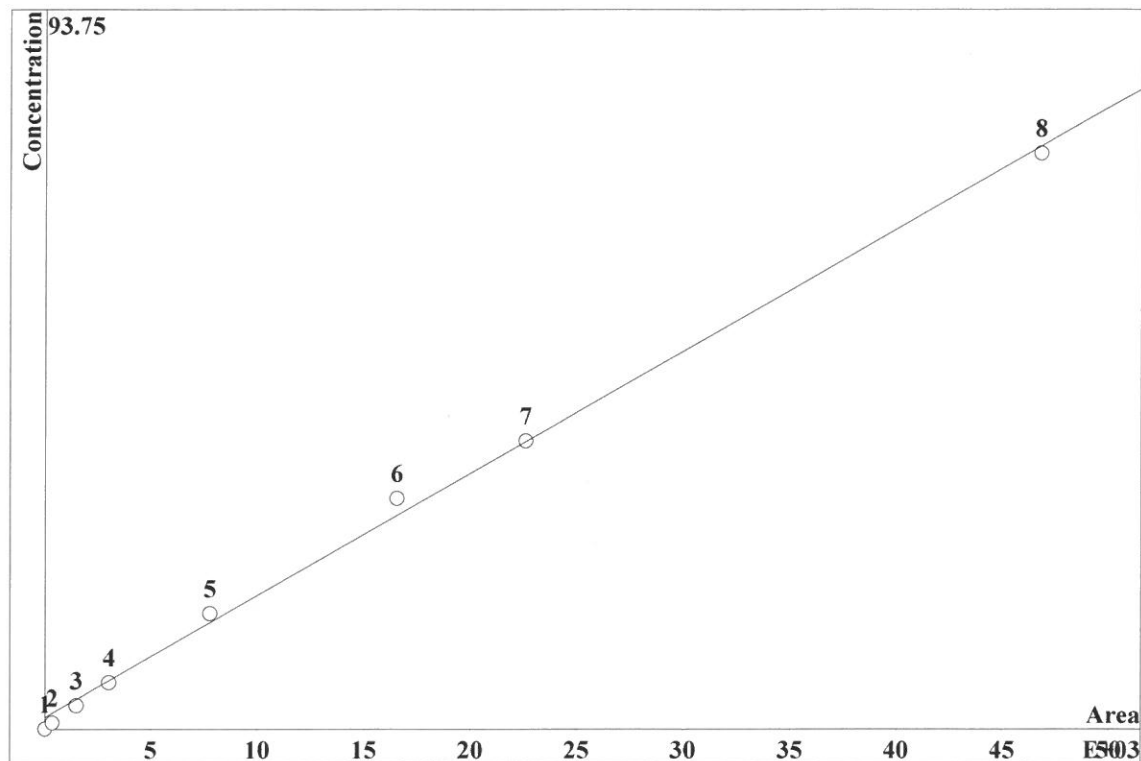


K3 = 0 K2 = 0 K1 = 0.0283193 K0 = 7.72924
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	3.863	206.4	0.25	20	23.35		
3	14.85	689.5	1	20	23.35		
4	33.4	1368	2	20	23.35		
5	83.92	3253	5	20	23.35		
6	146.2	5970	10	20	23.35		
7	208.9	8172	12.5	20	23.35		
8	454.9	1.78e+04	25	20	23.35		

CALIBRATION OF COMPONENT SO4

Method: AnionIC2-031617.mtw
 Equation: $Q = 0.0318159 \cdot A + 29.6515$
 RSD: 5.808 %
 Correlation coefficient: 0.998855



K3 = 0 K2 = 0 K1 = 0.0318159 K0 = 29.6515
 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	10.01	371.7	0.75	20	25.64		
3	39.87	1488	3	20	25.64		
4	80.64	3029	6	20	25.64		
5	207.7	7771	15	20	25.64		
6	441.4	1.654e+04	30	20	25.64		
7	600.3	2.261e+04	37.5	20	25.64		
8	1212	4.681e+04	75	20	25.64		

Report date: 3/16/2017 6:13:07 PM
Printed by: wet

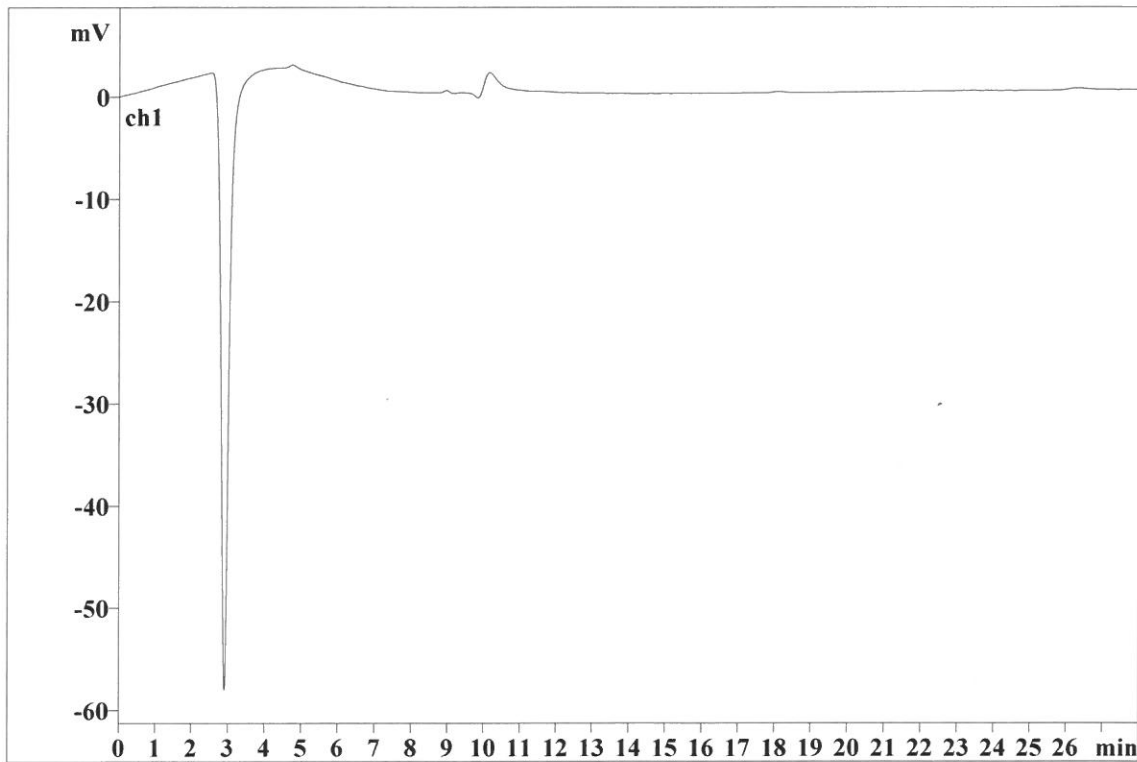
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Analysis from: 3/16/2017 1:51:24 PM
File: _2017-03-16_

Last save: 3/16/2017 6:12:31 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13959

Last save: 3/16/2017 1:17:1

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 3/16/2017 6:13:17 PM
Printed by: wet

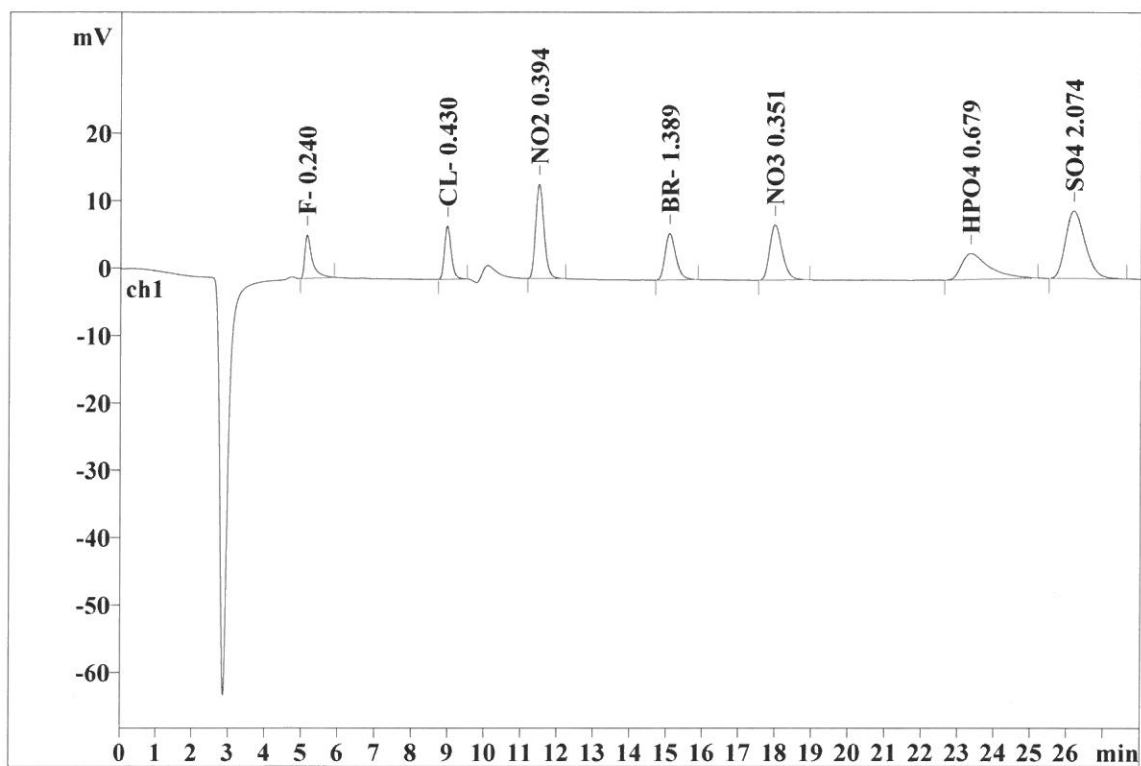
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Analysis from: 3/16/2017 2:22:21 PM
File: _2017-03-16_

Last save: 3/16/2017 6:12:31 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13960

Last save: 3/16/2017 1:17:1

SAMPLE:
: HM/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	5.14	0.190	6.47	11.30	91.815	6.87
2	8.97	0.194	7.88	13.76	101.517	7.60
3	11.50	0.243	14.00	24.42	222.752	16.68
4	15.08	0.316	6.89	12.02	143.081	10.71
5	17.98	0.370	8.19	14.29	198.482	14.86
6	23.35	0.770	3.86	6.74	206.361	15.45
7	26.18	0.572	10.01	17.47	371.680	27.83
7	28.00	0.379	57.31	99.99	1335.688	100.00

Report date: 3/16/2017 6:13:26 PM
Printed by: wet

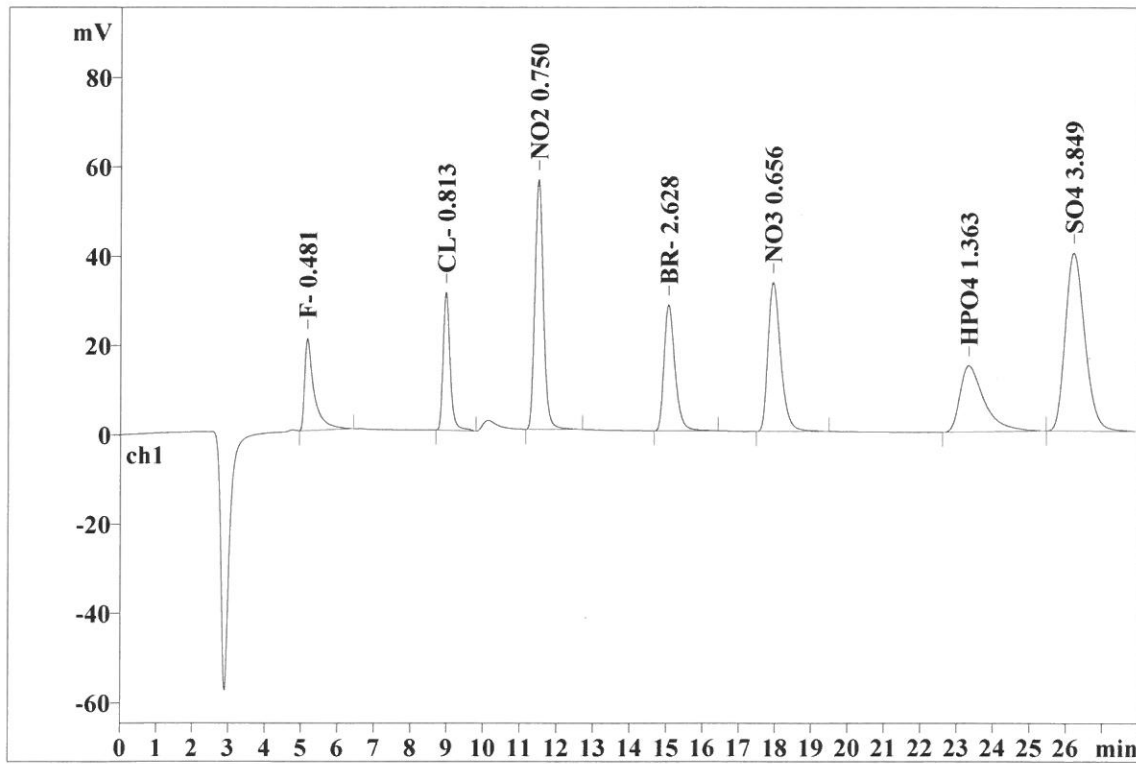
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Analysis from: 3/16/2017 2:59:11 PM
File: _2017-03-16_

Last save: 3/16/2017 6:12:31 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13961

Last save: 3/16/2017 1:17:1

SAMPLE:
: HM/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	5.17	0.233	20.58	9.20	371.251	7.06
2	8.96	0.196	30.87	13.80	412.543	7.84
3	11.49	0.240	55.93	25.00	890.303	16.93
4	15.05	0.313	28.25	12.63	590.141	11.22
5	17.93	0.370	33.37	14.92	818.147	15.56
6	23.32	0.673	14.85	6.64	689.451	13.11
7	26.19	0.573	39.87	17.82	1487.513	28.28
7	28.00	0.371	223.72	100.00	5259.349	100.00

Report date: 3/16/2017 6:13:33 PM
 Printed by: wet

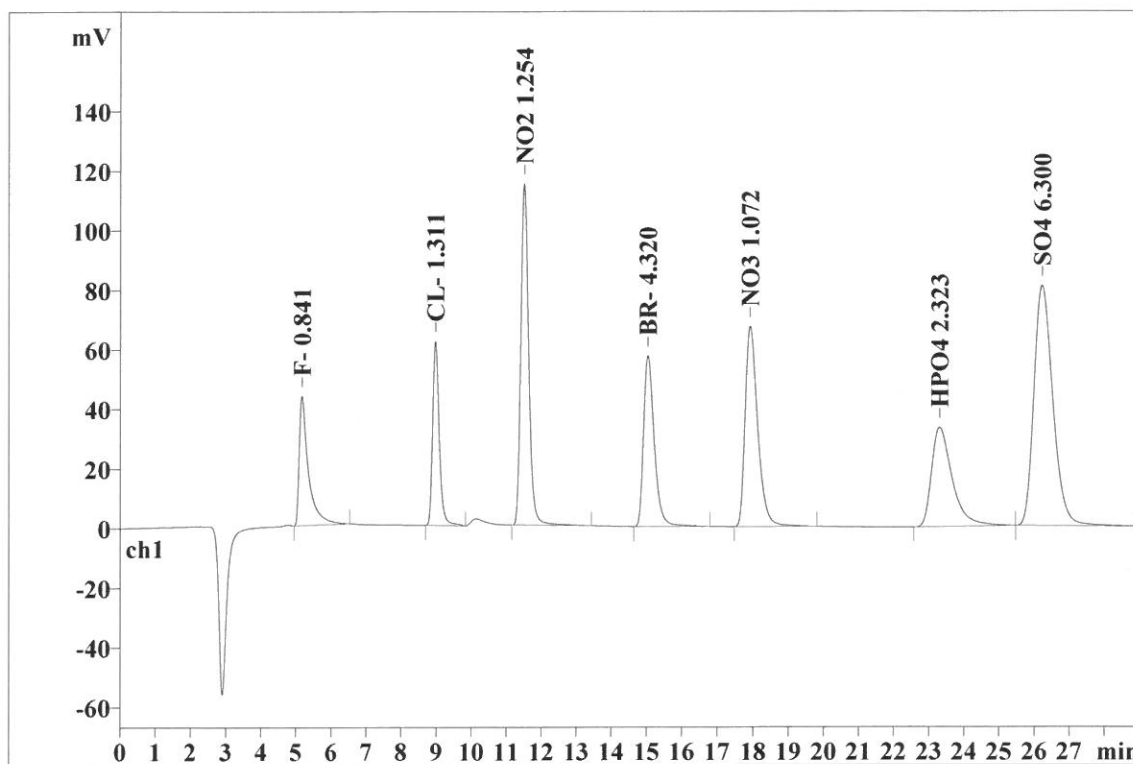
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 Analysis from: 3/16/2017 3:30:10 PM
 File: _2017-03-16_

Last save: 3/16/2017 6:12:31 PM

Method: AnionIC2-031617.mtw
 Run operator: wet
 Analysis number: 13962

Last save: 3/16/2017 1:17:1

SAMPLE:
 : HM/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	5.18	0.235	43.50	9.49	789.039	7.37
2	8.97	0.196	61.79	13.48	817.477	7.64
3	11.51	0.240	114.61	25.00	1836.726	17.16
4	15.04	0.313	57.30	12.50	1200.861	11.22
5	17.91	0.371	67.21	14.66	1661.060	15.52
6	23.30	0.601	33.40	7.29	1367.657	12.78
7	26.21	0.573	80.64	17.59	3028.529	28.30
7	29.00	0.361	458.45	100.00	10701.350	100.00

Report date: 3/16/2017 6:13:41 PM
Printed by: wet

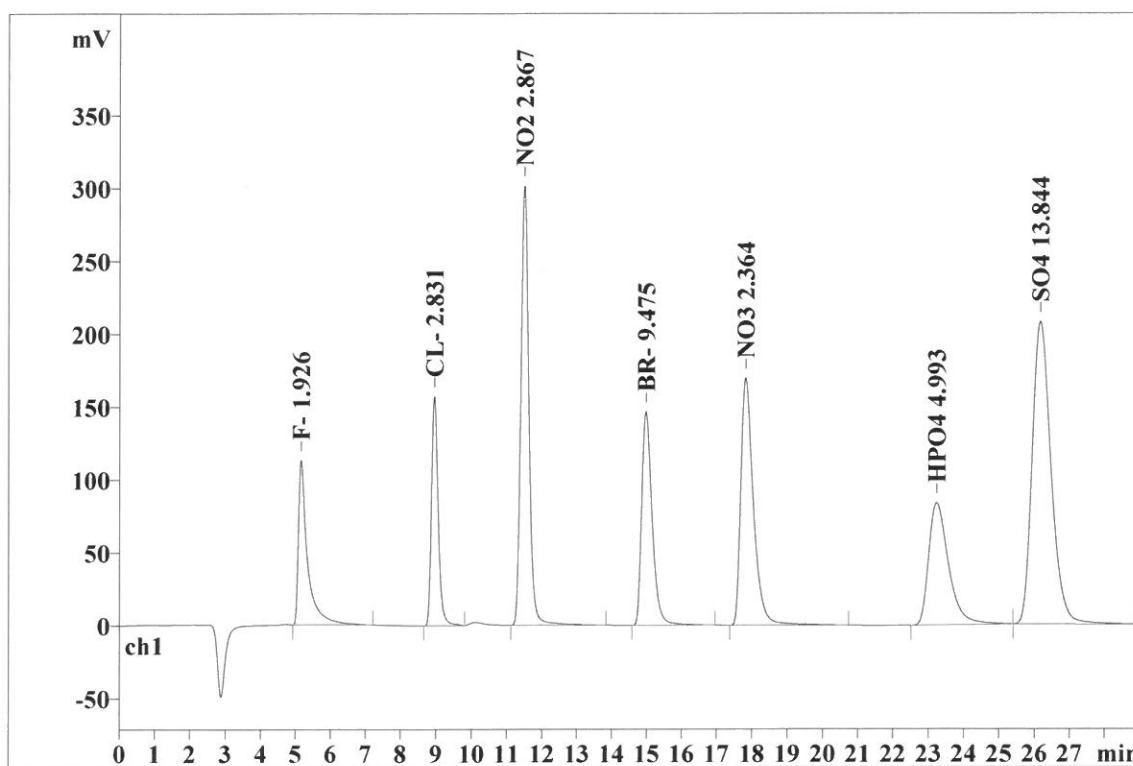
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Analysis from: 3/16/2017 4:02:08 PM
File: _2017-03-16_

Last save: 3/16/2017 6:12:31 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13963

Last save: 3/16/2017 1:17:1

SAMPLE:
: HM/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	5.16	0.221	112.99	9.57	2046.384	7.49
2	8.95	0.194	157.36	13.33	2051.686	7.51
3	11.50	0.240	301.77	25.57	4864.186	17.80
4	14.98	0.310	146.70	12.43	3061.347	11.20
5	17.81	0.374	169.82	14.39	4285.697	15.68
6	23.23	0.576	83.92	7.11	3253.177	11.90
7	26.15	0.570	207.67	17.60	7770.583	28.43
7	29.00	0.355	1180.24	100.00	27333.061	100.00

Report date: 3/16/2017 6:13:53 PM
Printed by: wet

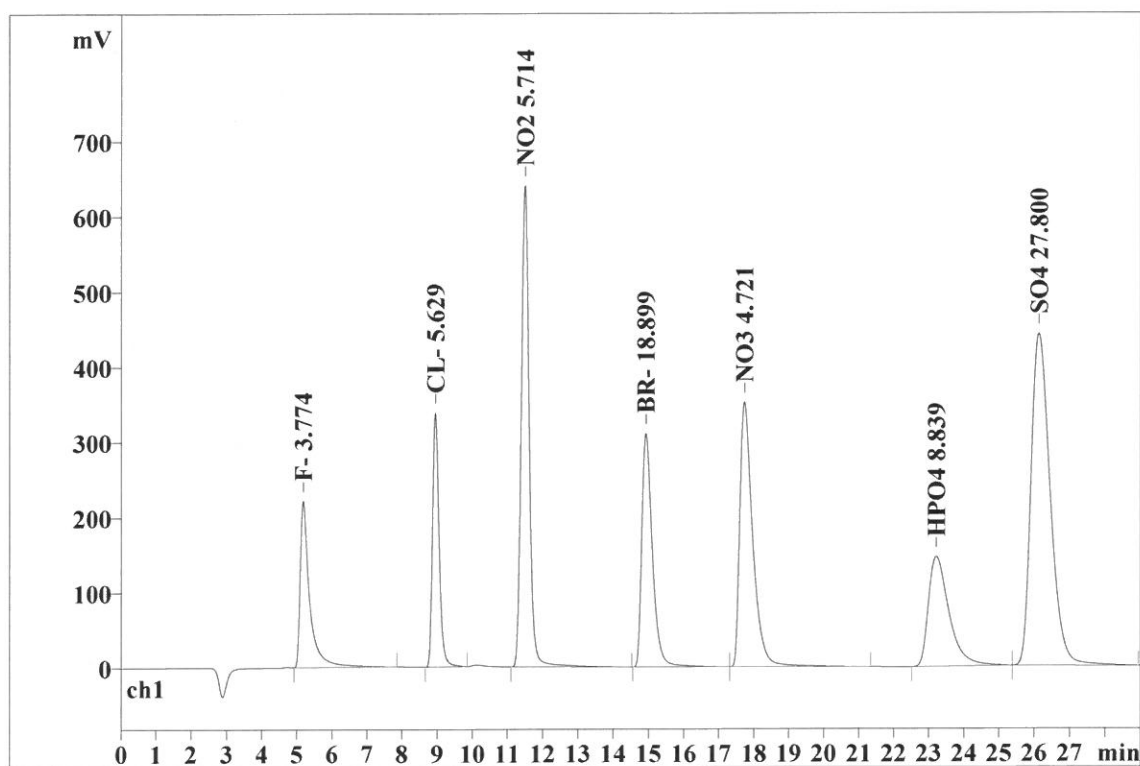
Ident: STD6
Analysis from: 3/16/2017 4:34:06 PM
File: _2017-03-16_

Last save: 3/16/2017 6:12:32 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13964

Last save: 3/16/2017 1:17:1

SAMPLE:
: HM/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	5.19	0.240	221.47	9.04	4189.835	7.38
2	8.95	0.190	338.27	13.81	4325.595	7.62
3	11.51	0.238	639.80	26.12	10209.251	17.98
4	14.93	0.307	310.54	12.68	6462.124	11.38
5	17.73	0.378	352.07	14.37	9071.578	15.98
6	23.21	0.604	146.25	5.97	5969.711	10.52
7	26.13	0.571	441.41	18.02	16543.403	29.14
7	29.00	0.361	2449.81	100.00	56771.497	100.00

Report date: 3/16/2017 6:14:01 PM
Printed by: wet

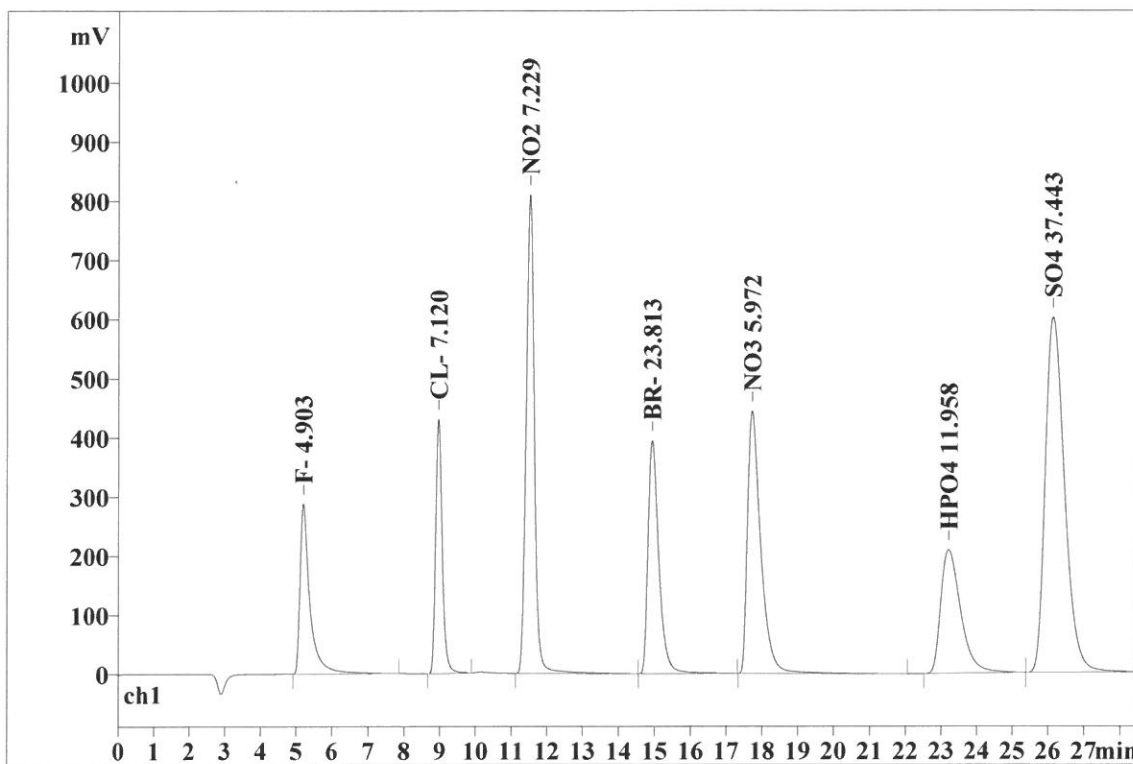
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Analysis from: 3/16/2017 5:06:04 PM
File: _2017-03-16_

Last save: 3/16/2017 6:12:32 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13965

Last save: 3/16/2017 1:17:1

SAMPLE:
: HM/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	5.20	0.248	287.77	9.07	5499.278	7.36
2	8.96	0.191	430.14	13.55	5536.771	7.41
3	11.53	0.241	809.41	25.50	13053.916	17.47
4	14.93	0.308	393.83	12.41	8235.290	11.02
5	17.71	0.383	443.51	13.97	11612.347	15.54
6	23.20	0.586	208.93	6.58	8172.162	10.94
7	26.13	0.577	600.30	18.91	22605.193	30.26
7	28.50	0.362	3173.89	100.00	74714.956	100.00

Report date: 3/16/2017 6:14:07 PM
Printed by: wet

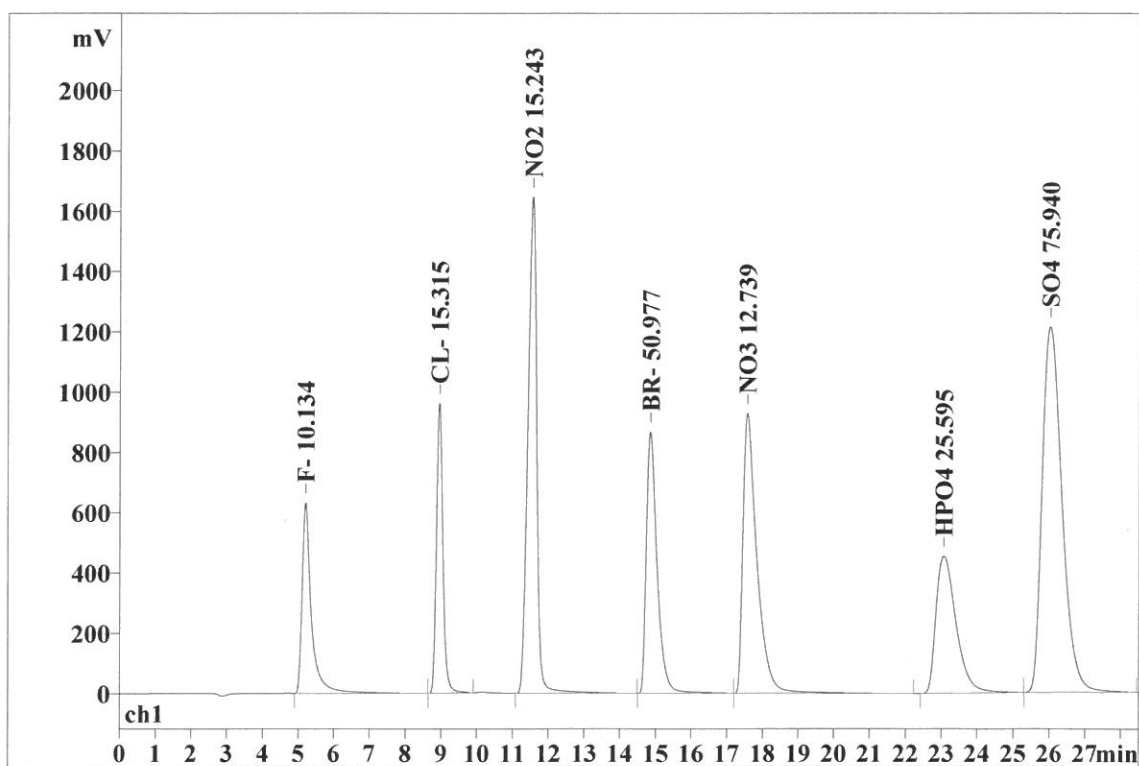
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Analysis from: 3/16/2017 5:37:32 PM
File: _2017-03-16_

Last save: 3/16/2017 6:12:36 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13966

Last save: 3/16/2017 1:17:1

SAMPLE:
: HM/AP
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	5.20	0.236	632.30	9.43	11565.063	7.23
2	8.94	0.188	962.36	14.36	12194.823	7.63
3	11.56	0.259	1645.45	24.55	28100.452	17.58
4	14.85	0.306	867.60	12.94	18038.043	11.28
5	17.57	0.397	928.32	13.85	25352.392	15.86
6	23.06	0.594	454.93	6.79	17803.422	11.14
7	26.02	0.594	1212.19	18.08	46805.269	29.28
7	28.50	0.368	6703.16	100.00	159859.464	100.00

Report date: 3/17/2017 9:51:19 AM
Printed by: wet

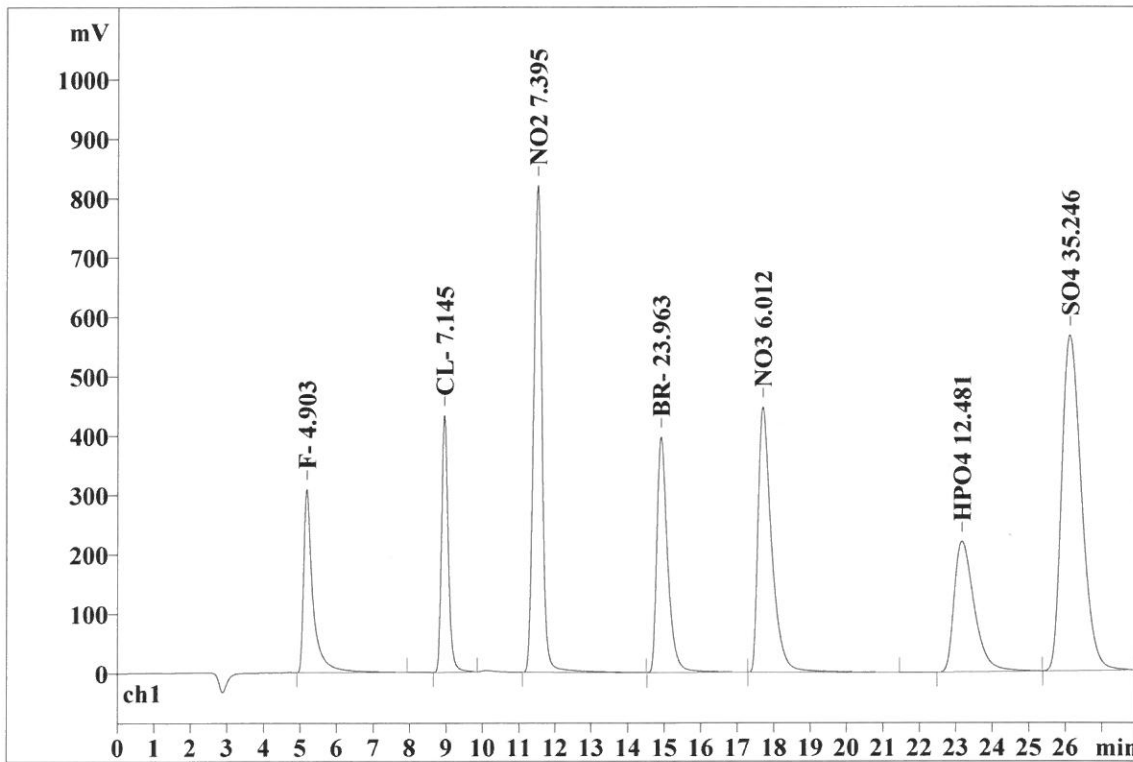
Ident: ICV
Analysis from: 3/16/2017 7:13:47 PM
File: _2017-03-16_

Last save: 3/16/2017 7:41:48 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13969

Last save: 3/16/2017 6:39:2

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 mV	Height %	Area mV*sec	Area %
1	5.18	0.225	309.10	9.69	5482.274	7.40
2	8.94	0.191	432.78	13.57	5557.879	7.50
3	11.51	0.244	819.87	25.70	13366.261	18.03
4	14.90	0.309	396.64	12.43	8289.698	11.18
5	17.69	0.384	446.66	14.00	11693.863	15.78
6	23.16	0.582	220.22	6.90	8511.850	11.48
7	26.10	0.578	564.79	17.70	21224.268	28.63
7	28.00	0.359	3190.07	100.00	74126.094	100.00

Report date: 3/17/2017 9:51:28 AM
Printed by: wet

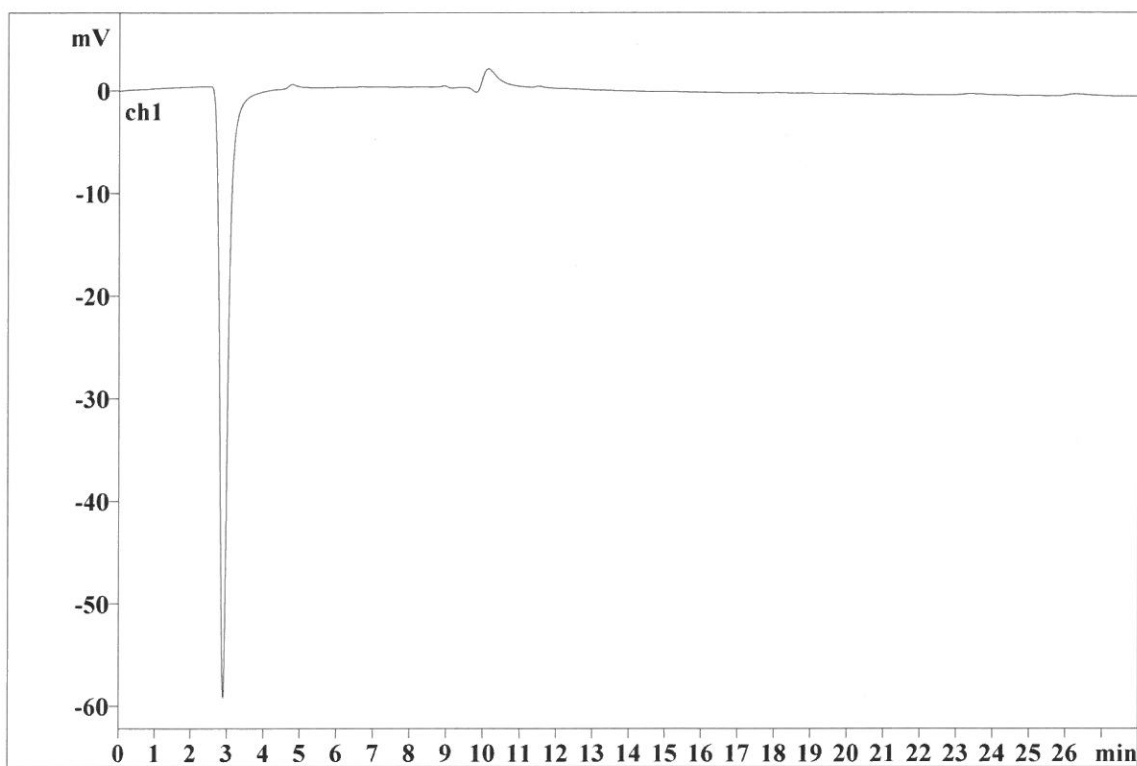
Ident: ICB
Analysis from: 3/16/2017 7:44:47 PM
File: _2017-03-16_

Last save: 3/16/2017 8:12:48 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 13970

Last save: 3/16/2017 6:39:2

SAMPLE:
: AK/AP
Vial number: 13
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: 3/24/2017 4:43:56 PM
 Printed by: wet

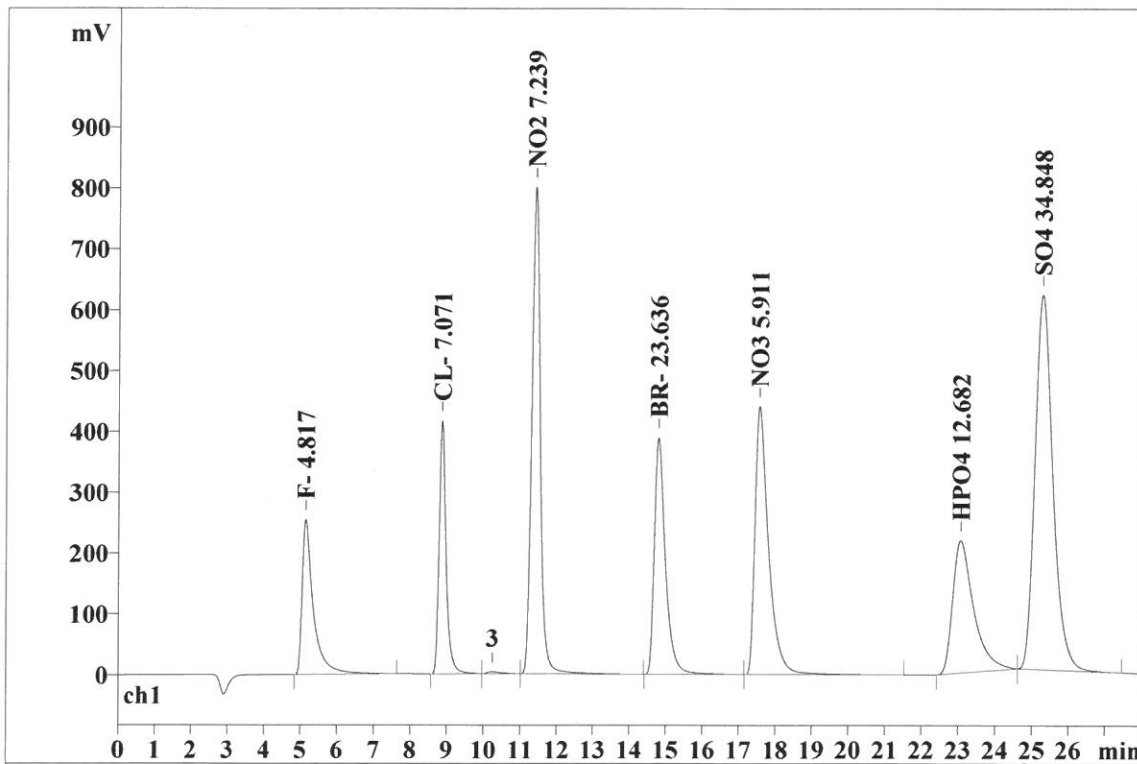
Ident: CCV
 Analysis from: 3/24/2017 11:31:56 AM
 File: _2017-03-24_

Last save: 3/24/2017 12:00:55 PM

Method: AnionIC2-031617.mtw
 Run operator: wet
 Analysis number: 14139

Last save: 3/21/2017 11:19:

SAMPLE: *AK*
 : HM/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	5.14	0.277	254.63	8.12	5382.357	7.34
2	8.87	0.189	416.29	13.27	5498.060	7.50
3	11.41	0.241	800.17	25.51	13073.108	17.83
4	14.80	0.305	388.49	12.38	8171.526	11.14
5	17.56	0.375	440.35	14.04	11488.084	15.67
6	23.06	0.579	217.80	6.94	8655.347	11.80
7	25.27	0.513	615.87	19.63	20974.318	28.60
7	28.00	0.354	3133.60	99.89	73242.801	99.87

Report date: 3/24/2017 4:44:06 PM
Printed by: wet

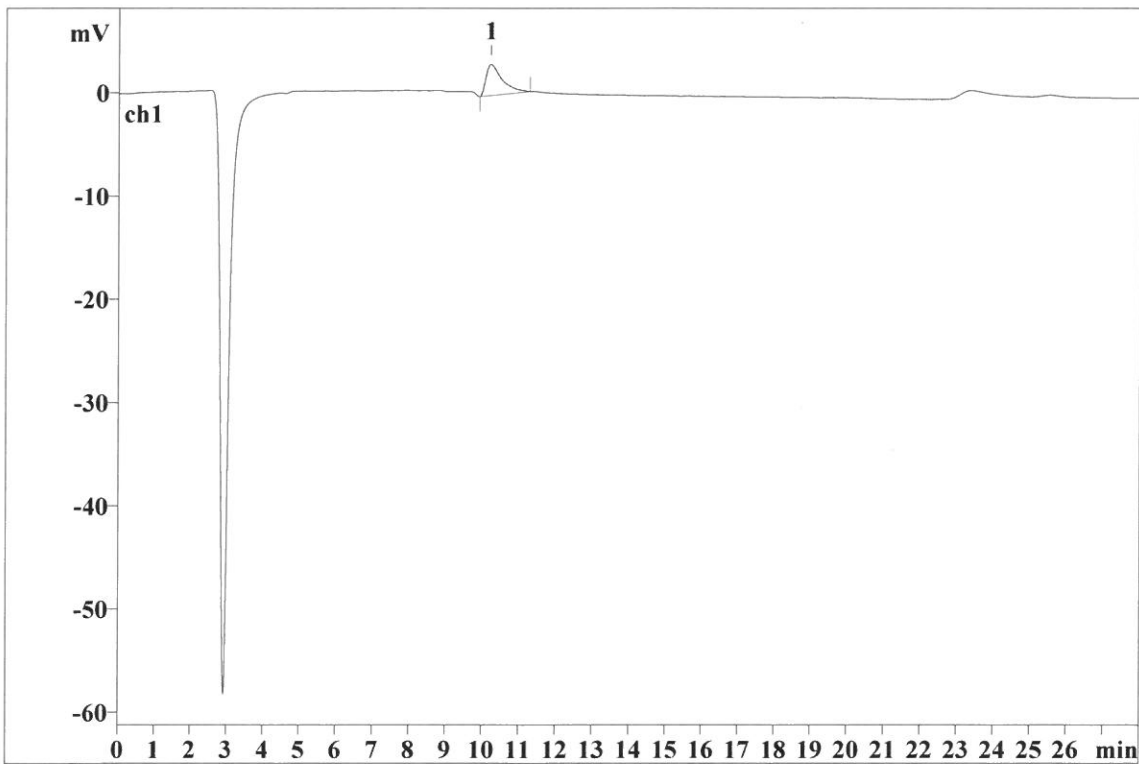
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Analysis from: 3/24/2017 12:04:09 PM
File: _2017-03-24_

Last save: 3/24/2017 12:32:09 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14140

Last save: 3/21/2017 11:19:

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	0.00	0.000	0.00	0.00	0.000	0.00
2	0.00	0.000	0.00	0.00	0.000	0.00
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	0.000	0.00	0.00	0.000	0.00

Report date: 3/24/2017 4:44:12 PM
Printed by: wet

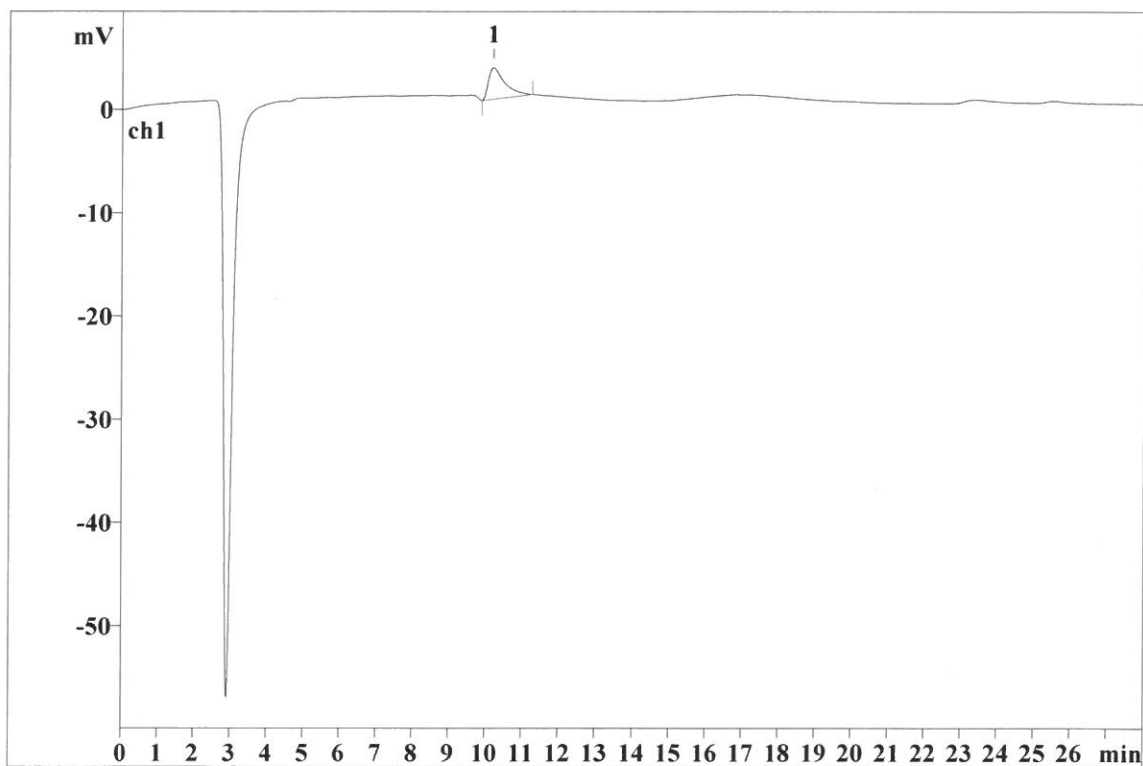
Ident: LB86533BLW
Analysis from: 3/24/2017 12:35:08 PM
File: _2017-03-24_

Last save: 3/24/2017 4:43:51 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14141

Last save: 3/21/2017 11:19:

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	0.00	0.000	0.00	0.00	0.000	0.00
2	0.00	0.000	0.00	0.00	0.000	0.00
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	0.000	0.00	0.00	0.000	0.00

Report date: 3/24/2017 4:44:19 PM
Printed by: wet

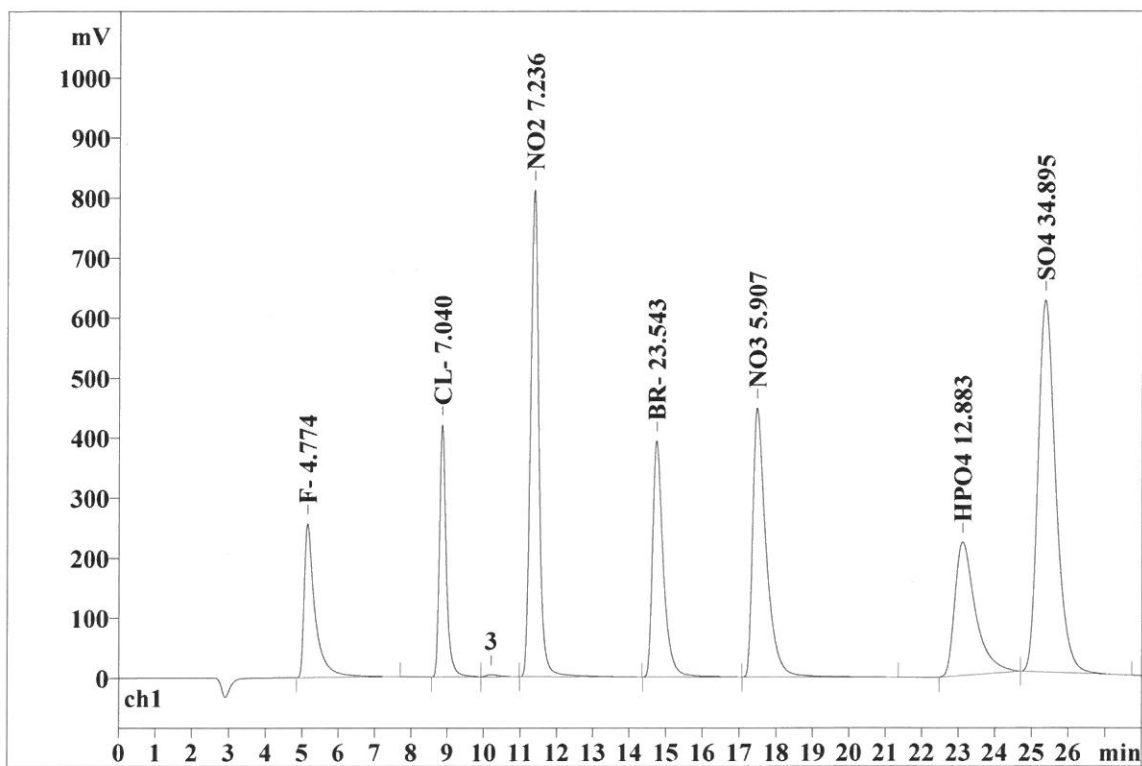
Ident: LB86533BSW
Analysis from: 3/24/2017 1:06:07 PM
File: _2017-03-24_

Last save: 3/24/2017 4:43:51 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14142

Last save: 3/21/2017 11:19:

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	5.15	0.271	256.54	8.08	5331.411	7.27
2	8.86	0.186	420.75	13.24	5473.025	7.46
3	11.38	0.238	811.28	25.54	13067.787	17.81
4	14.74	0.299	393.67	12.39	8138.005	11.09
5	17.47	0.369	448.40	14.11	11480.052	15.64
6	23.11	0.575	222.58	7.01	8798.425	11.99
7	25.37	0.510	620.13	19.52	21003.469	28.62
7	28.00	0.350	3173.34	99.89	73292.175	99.87

Report date: 3/24/2017 4:44:47 PM
Printed by: wet

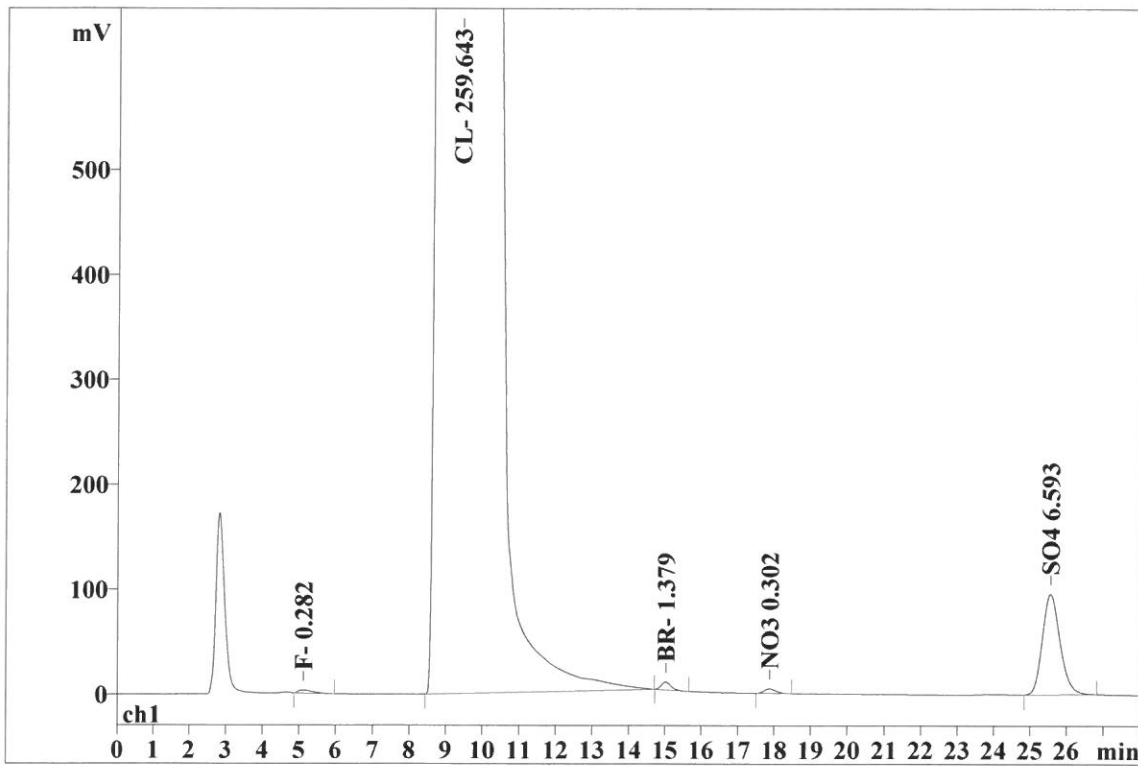
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Analysis from: 3/24/2017 1:37:05 PM
File: _2017-03-24_

Last save: 3/24/2017 3:08:42 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14143

Last save: 3/21/2017 11:19:

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	5.11	0.434	3.02	0.15	83.237	0.04
2	9.39	1.745	1934.35	94.60	210613.837	98.35
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.02	0.290	7.43	0.36	139.437	0.07
5	17.88	0.348	4.35	0.21	97.639	0.05
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.56	0.513	95.54	4.67	3212.280	1.50
7	28.00	0.476	2044.70	99.99	214146.429	100.00

Report date: 3/24/2017 4:50:14 PM
Printed by: wet

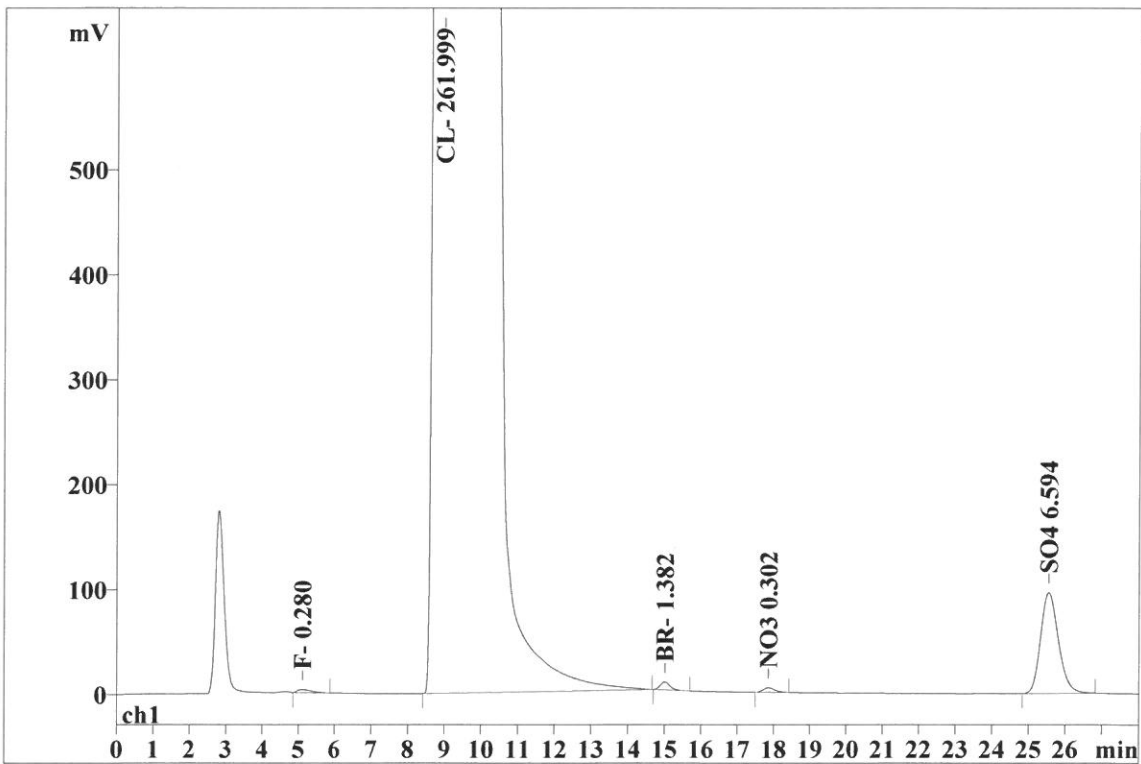
Ident: I2389-02DUP
Analysis from: 3/24/2017 2:08:03 PM
File: _2017-03-24_

Last save: 3/24/2017 2:54:05 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14144

Last save: 3/21/2017 11:19:

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	5.11	0.422	3.02	0.15	80.782	0.04
2	8.98	1.762	1933.41	94.57	212527.387	98.37
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.01	0.289	7.50	0.37	140.474	0.07
5	17.86	0.346	4.39	0.21	97.645	0.05
6	0.00	0.000	0.00	0.00	0.000	0.00
7	25.55	0.511	95.95	4.69	3212.846	1.49
7	28.00	0.476	2044.28	99.99	216059.134	100.00

Report date: 3/24/2017 4:50:51 PM
Printed by: wet

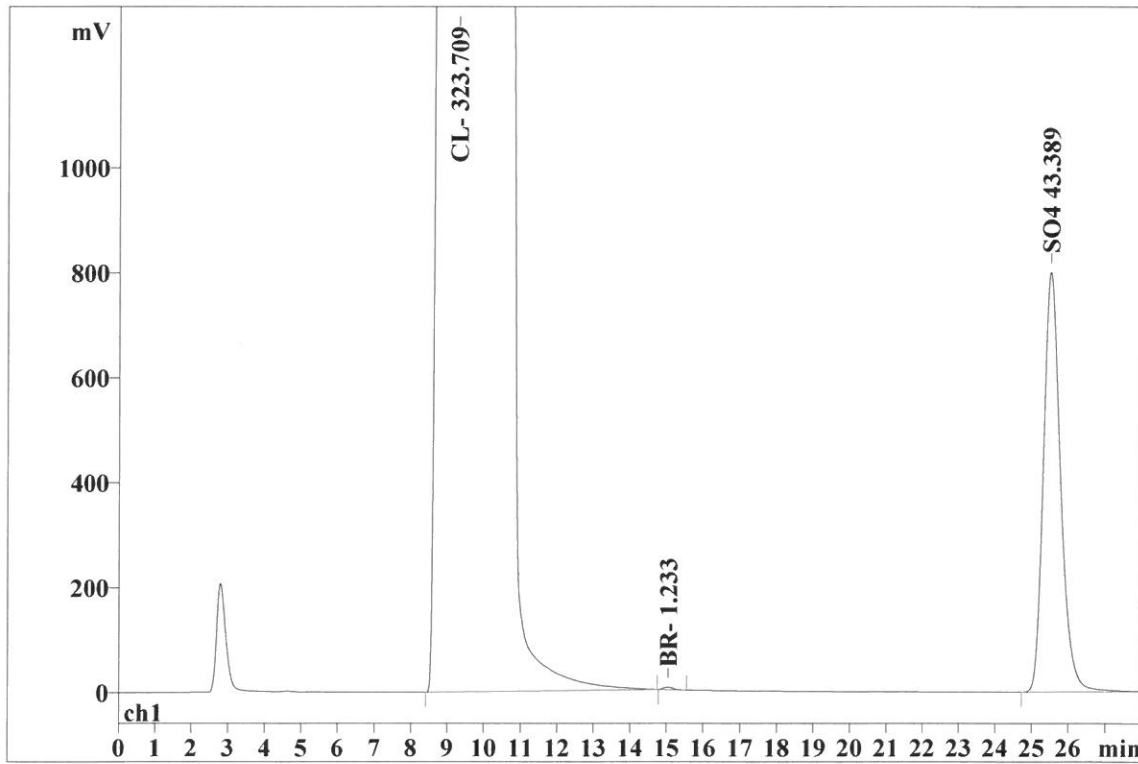
Ident: I2389-06
Analysis from: 3/24/2017 2:39:02 PM
File: _2017-03-24_

Last save: 3/24/2017 4:50:50 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14145

Last save: 3/21/2017 11:19:

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	9.28	2.204	1932.64	70.60	262642.940	90.86
3	0.00	0.000	0.00	0.00	0.000	0.00
4	15.05	0.280	4.87	0.18	86.896	0.03
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	25.50	0.496	799.67	29.21	26342.851	9.11
7	28.00	0.426	2737.17	99.99	289072.688	100.00

Report date: 3/24/2017 4:51:38 PM
Printed by: wet

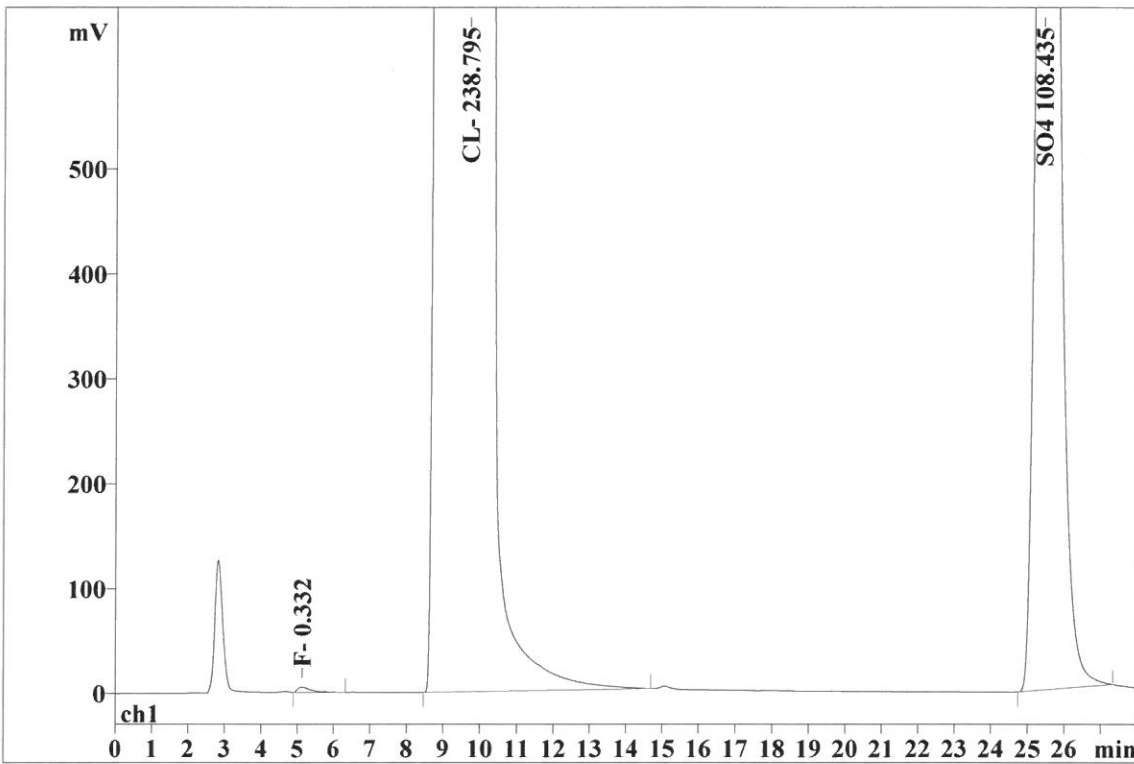
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Analysis from: 3/24/2017 3:10:00 PM
File: _2017-03-24_

Last save: 3/24/2017 4:16:58 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14146

Last save: 3/21/2017 11:19:

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 mV	Height %	Area mV*sec	Area %
1	5.13	0.382	5.20	0.13	142.340	0.05
2	9.69	1.646	1933.28	49.97	193683.161	74.19
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	25.42	0.528	1930.10	49.89	67232.092	25.75
7	28.00	0.365	3868.58	99.99	261057.594	100.00

Report date: 3/24/2017 4:52:07 PM
Printed by: wet

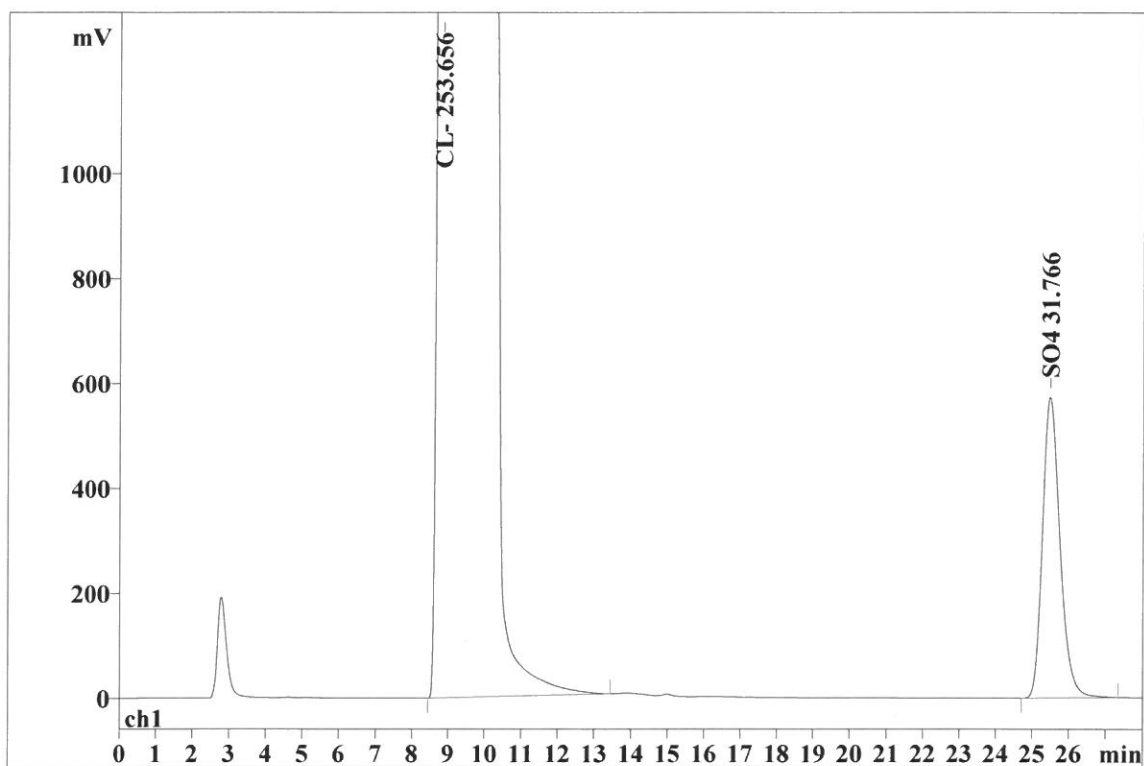
Ident: I2389-13
Analysis from: 3/24/2017 3:40:58 PM
File: _2017-03-24_

Last save: 3/24/2017 4:52:03 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14147

Last save: 3/21/2017 11:19:

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.84	1.732	1933.40	77.13	205752.013	91.53
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	25.48	0.502	573.34	22.87	19036.890	8.47
7	28.00	0.319	2506.74	100.00	224788.903	100.00

Report date: 3/24/2017 4:52:45 PM
Printed by: wet

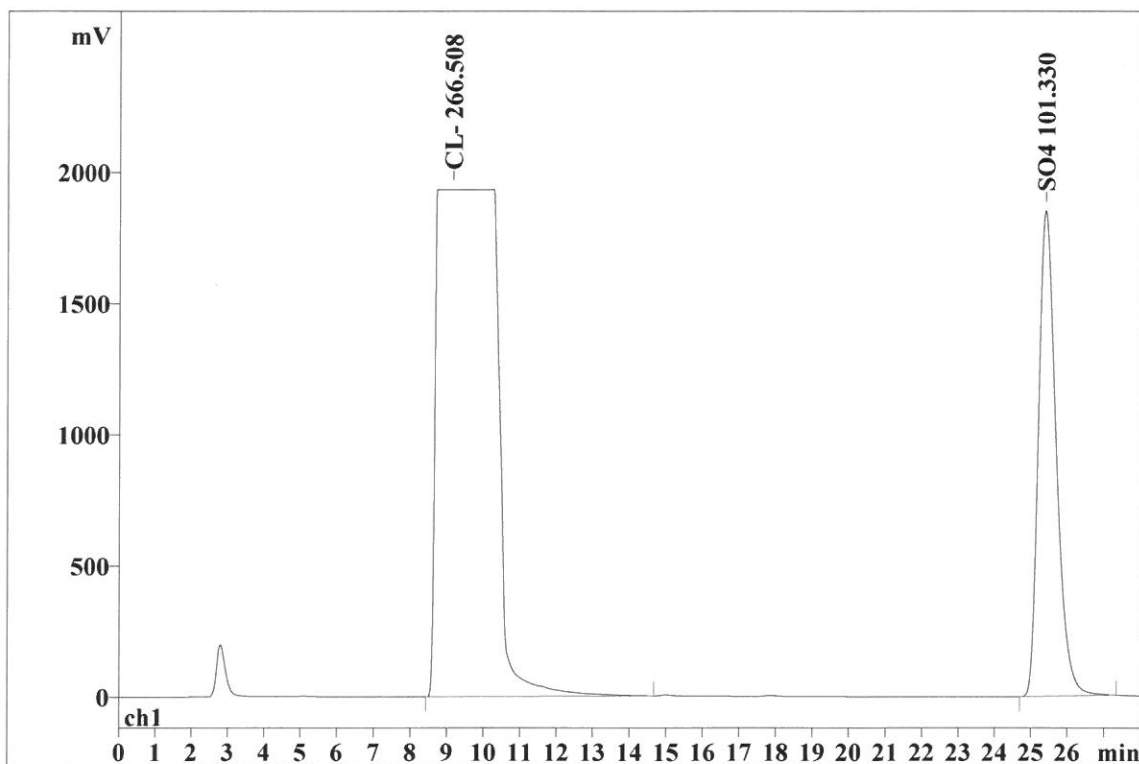
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Analysis from: 3/24/2017 4:11:56 PM
File: _2017-03-24_

Last save: 3/24/2017 4:52:44 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14148

Last save: 3/21/2017 11:19:

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	9.15	1.807	1933.70	51.10	216189.144	77.50
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	25.38	0.515	1850.54	48.90	62765.713	22.50
7	28.00	0.332	3784.24	100.00	278954.857	100.00

Report date: 3/27/2017 10:16:07 AM
Printed by: wet

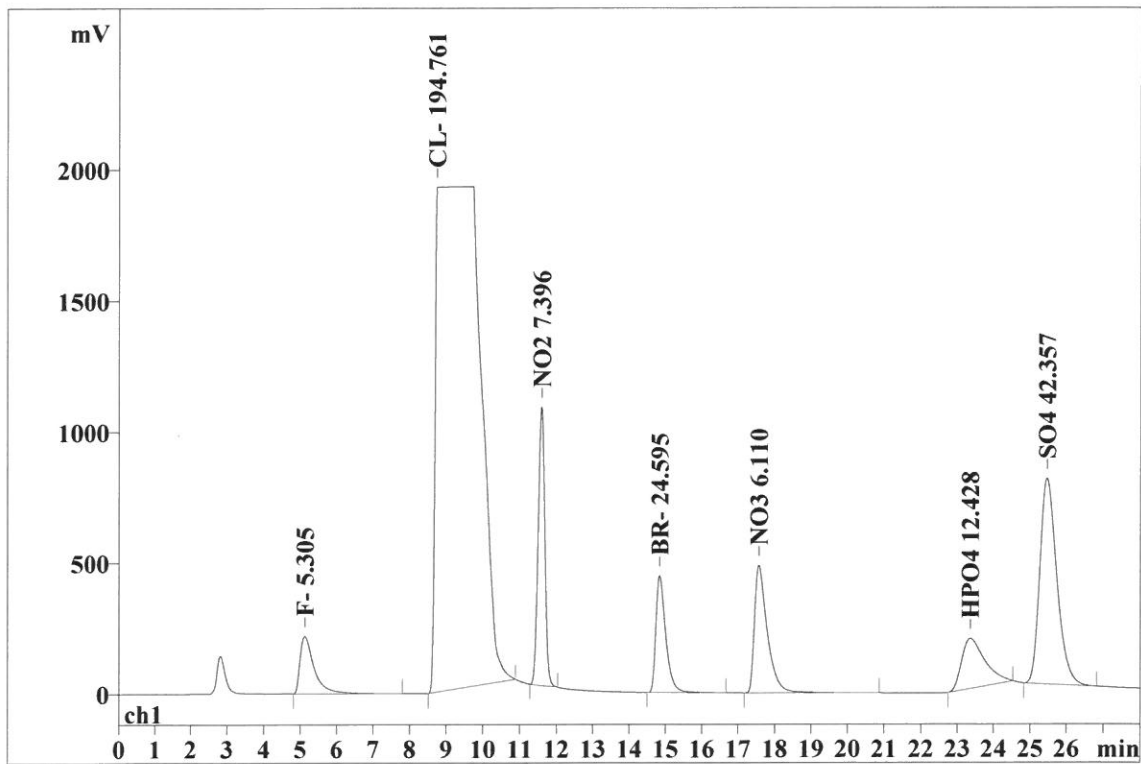
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Analysis from: 3/24/2017 4:42:56 PM
File: _2017-03-24_

Last save: 3/24/2017 5:11:38 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14149

Last save: 3/21/2017 11:19:

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	5.13	0.380	219.02	4.28	5952.098	2.57
2	8.75	1.353	1933.02	37.76	157922.950	68.12
3	11.60	0.195	1063.50	20.77	13367.151	5.77
4	14.84	0.282	445.76	8.71	8517.479	3.67
5	17.57	0.355	487.26	9.52	11893.050	5.13
6	23.35	0.678	191.12	3.73	8473.803	3.66
7	25.47	0.499	785.15	15.34	25694.201	11.08
7	28.00	0.535	5124.83	100.10	231820.732	100.00

Report date: 3/27/2017 10:16:19 AM
 Printed by: wet

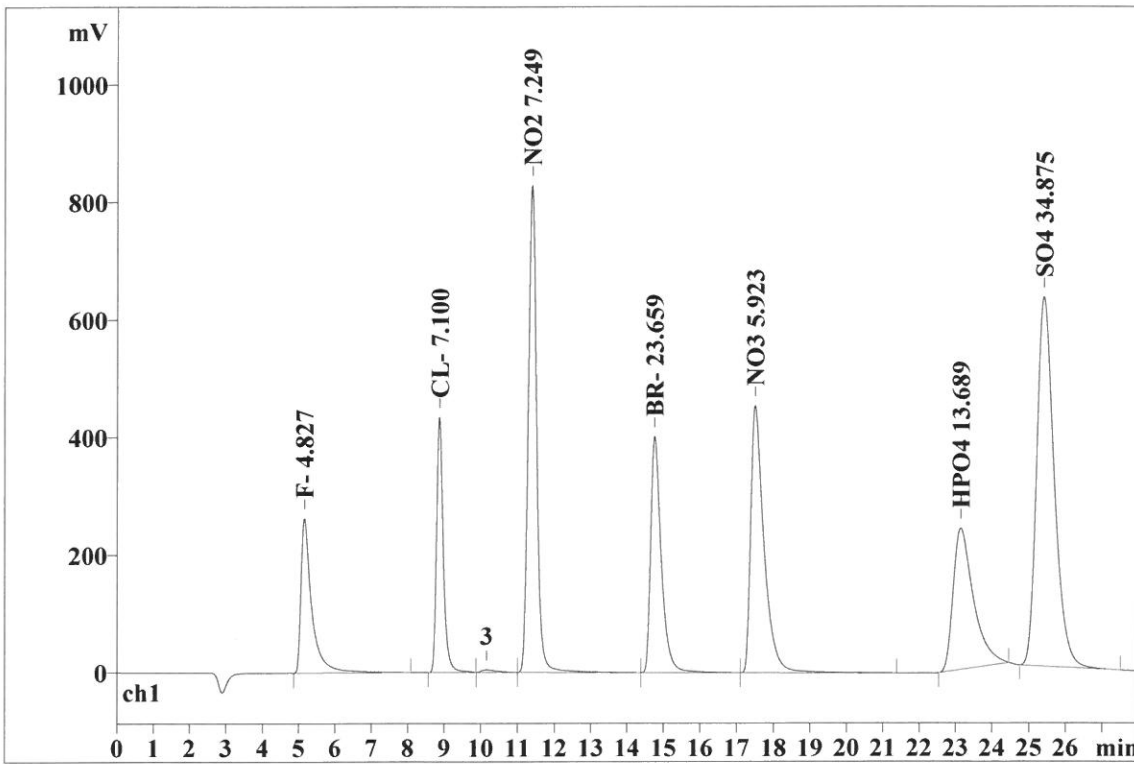
Ident: CCV
 Analysis from: 3/24/2017 5:44:54 PM
 File: _2017-03-24_

Last save: 3/27/2017 9:55:47 AM

Method: AnionIC2-031617.mtw
 Run operator: wet
 Analysis number: 14151

Last save: 3/21/2017 11:19:

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	0.266	262.93	8.08	5393.514	7.27
2	8.87	0.185	434.09	13.34	5521.273	7.44
3	11.40	0.235	828.69	25.46	13092.277	17.65
4	14.76	0.297	401.66	12.34	8179.684	11.03
5	17.50	0.366	454.30	13.96	11513.538	15.52
6	23.14	0.576	240.54	7.39	9372.787	12.64
7	25.41	0.505	628.36	19.31	20990.883	28.30
7	28.00	0.347	3250.57	99.87	74063.956	99.85

Report date: 3/27/2017 10:14:42 AM
Printed by: wet

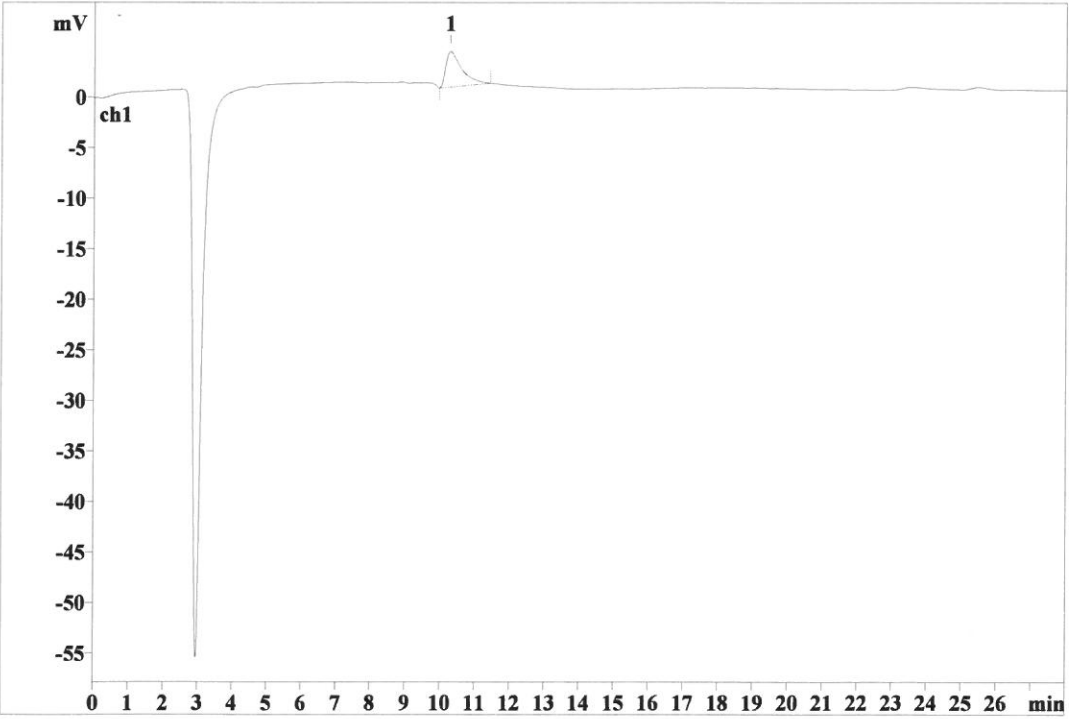
Ident: CCB
Analysis from: 3/24/2017 6:20:28 PM
File: _2017-03-24_

Last save: 3/27/2017 10:03:30 AM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14155

Last save: 3/21/2017 11:19:42

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	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	28.00	0.000	0.00	0.00	0.000	0.00	0

Report date: 3/27/2017 1:02:49 PM
Printed by: wet

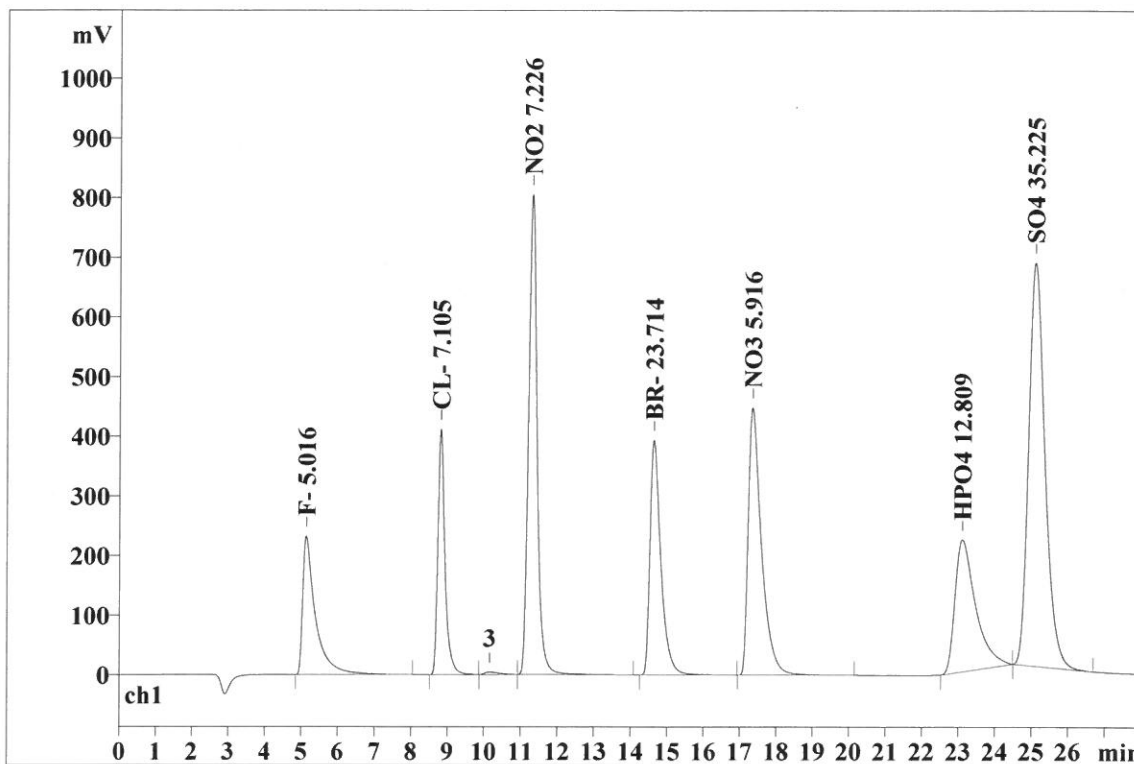
Ident: CCV
Analysis from: 3/27/2017 10:16:56 AM
File: _2017-03-27_

Last save: 3/27/2017 10:46:49 AM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14156

Last save: 3/21/2017 11:19:

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	5.14	0.311	232.43	7.28	5614.341	7.59
2	8.81	0.190	411.56	12.89	5525.594	7.47
3	11.31	0.239	804.69	25.21	13048.354	17.64
4	14.63	0.305	393.35	12.32	8199.733	11.09
5	17.34	0.375	448.10	14.04	11497.510	15.54
6	23.11	0.579	221.30	6.93	8745.504	11.82
7	25.10	0.476	676.29	21.19	21211.074	28.68
7	28.00	0.354	3187.73	99.86	73842.110	99.83

Report date: 3/27/2017 1:03:01 PM
Printed by: wet

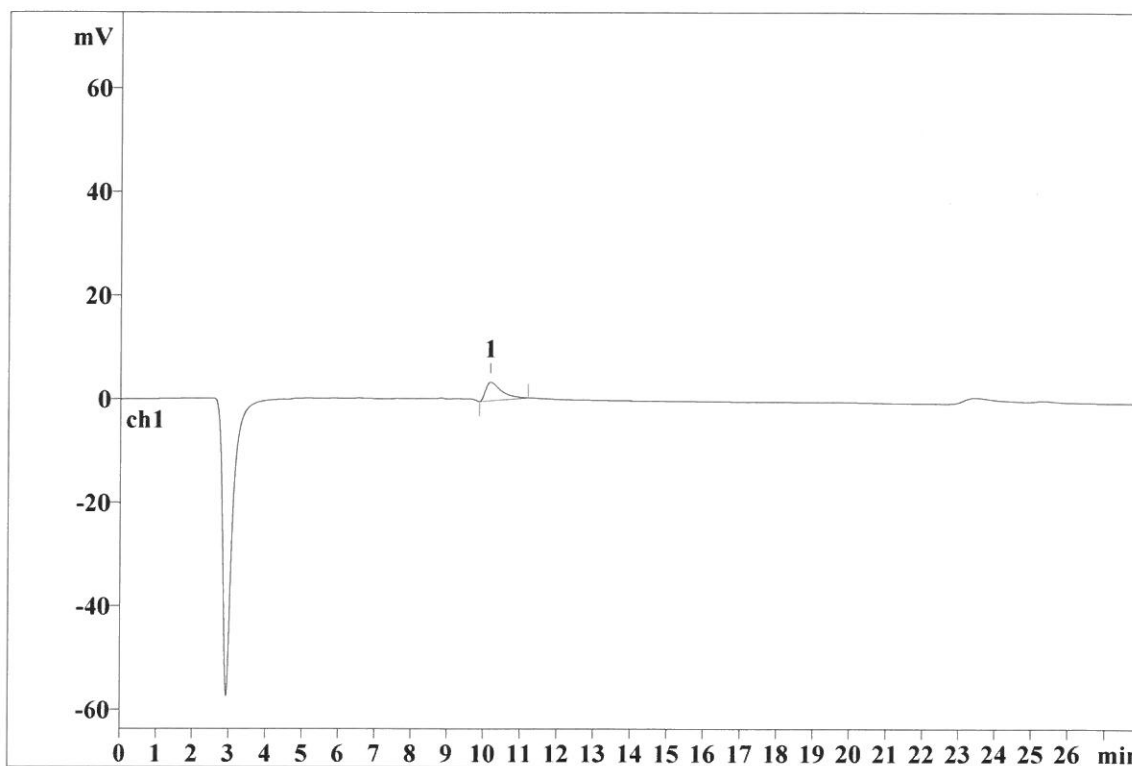
Ident: CCB
Analysis from: 3/27/2017 10:47:55 AM
File: _2017-03-27_

Last save: 3/27/2017 11:15:55 AM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14157

Last save: 3/21/2017 11:19:

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	0.00	0.000	0.00	0.00	0.000	0.00
2	0.00	0.000	0.00	0.00	0.000	0.00
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	0.000	0.00	0.00	0.000	0.00

Report date: 3/27/2017 1:03:08 PM
Printed by: wet

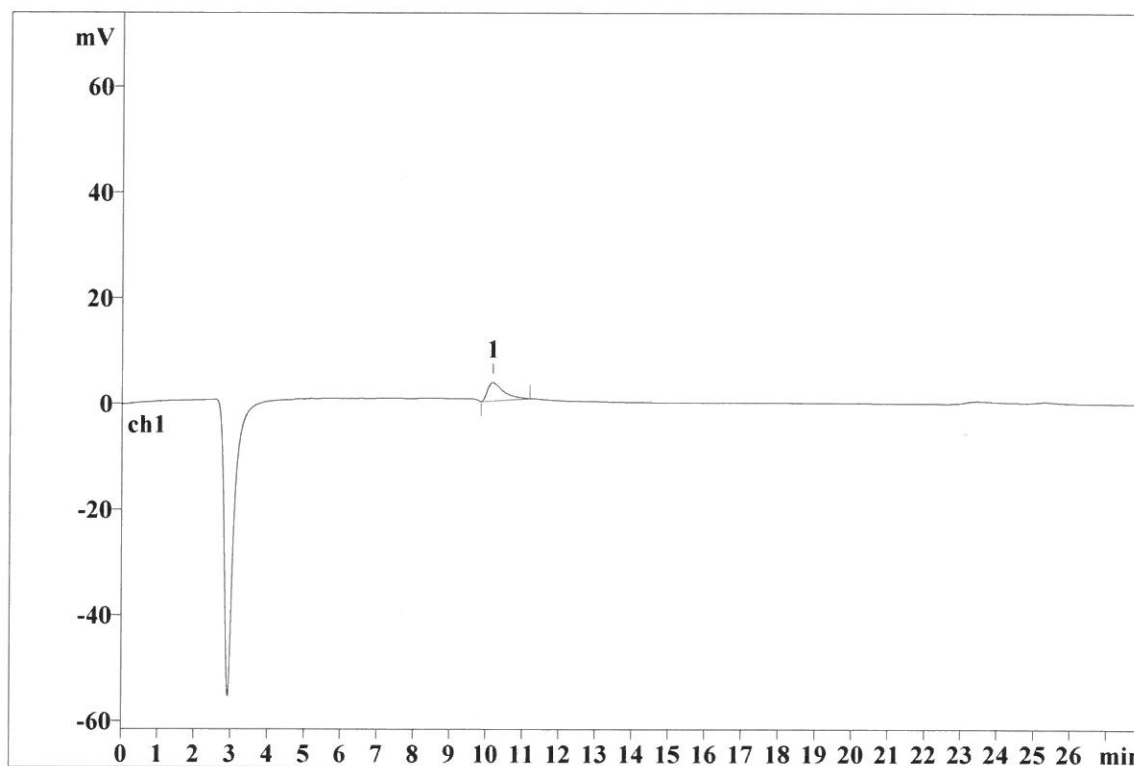
Ident: LB86533BLW
Analysis from: 3/27/2017 11:18:52 AM
File: _2017-03-27_

Last save: 3/27/2017 11:46:52 AM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14158

Last save: 3/21/2017 11:19:

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	0.00	0.000	0.00	0.00	0.000	0.00
2	0.00	0.000	0.00	0.00	0.000	0.00
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	0.000	0.00	0.00	0.000	0.00

Report date: 3/27/2017 1:03:21 PM
Printed by: wet

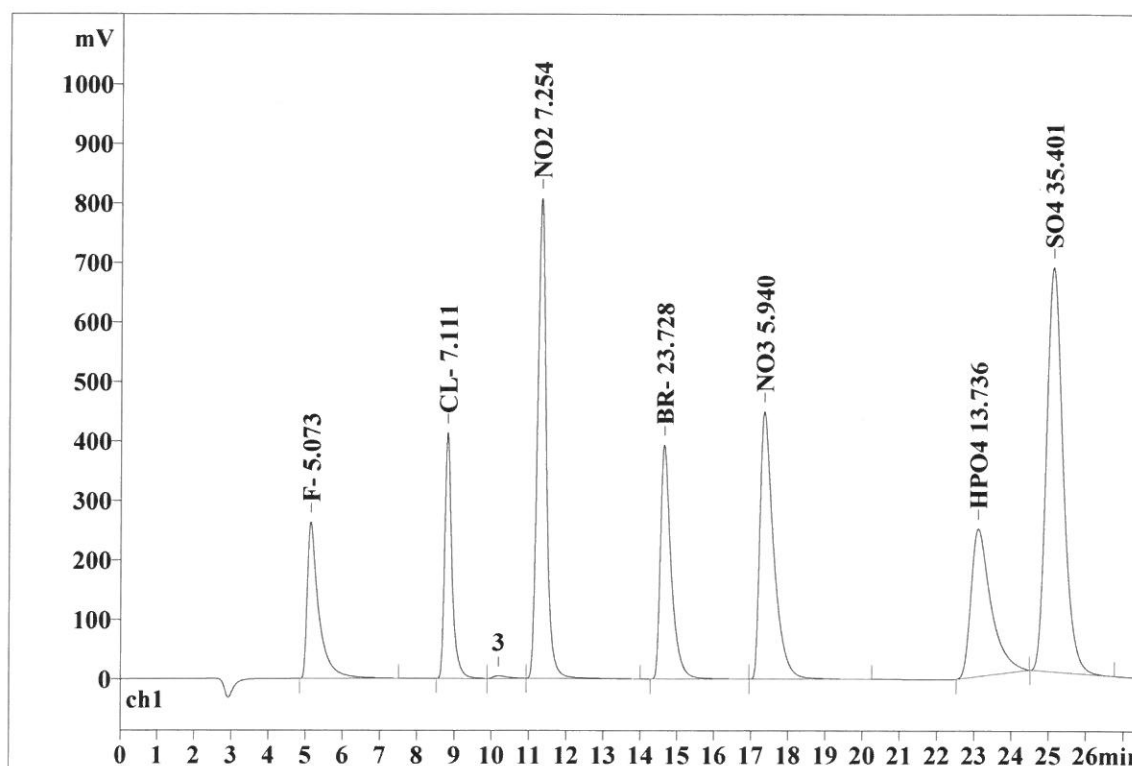
Ident: LB86533BSW
Analysis from: 3/27/2017 11:49:50 AM
File: _2017-03-27_

Last save: 3/27/2017 12:21:05 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14159

Last save: 3/27/2017 12:06:

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	5.14	0.286	263.31	8.07	5680.305	7.58
2	8.81	0.189	413.43	12.68	5530.772	7.38
3	11.32	0.239	807.76	24.77	13101.797	17.49
4	14.64	0.304	393.83	12.08	8204.642	10.95
5	17.35	0.375	449.68	13.79	11546.701	15.41
6	23.10	0.553	248.45	7.62	9406.576	12.56
7	25.11	0.476	680.06	20.85	21321.786	28.46
7	27.50	0.346	3256.52	99.86	74792.579	99.84

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METROHM LTD

Report date: 3/27/2017 1:03:33 PM
Printed by: wet

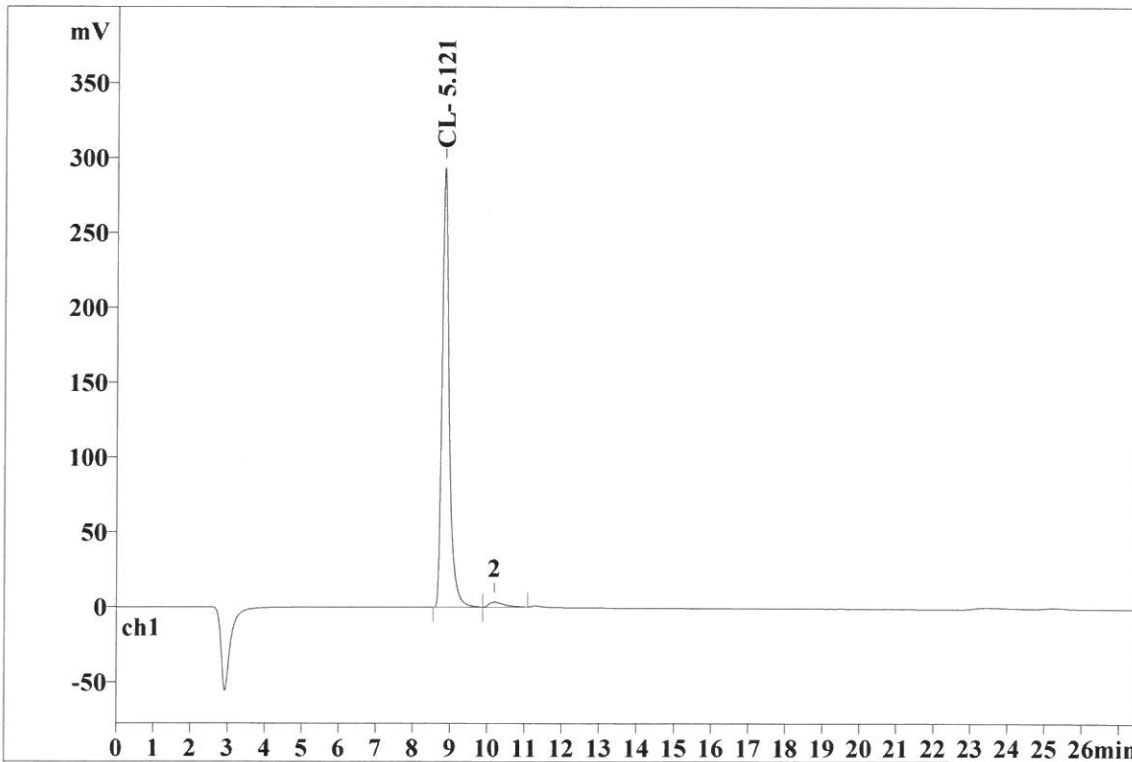
Ident: I2389-02DLX200
Analysis from: 3/27/2017 12:20:23 PM
File: _2017-03-27_

Last save: 3/27/2017 12:47:53 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14160

Last save: 3/27/2017 12:06:

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.83	0.189	293.76	98.83	3914.104	97.53
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	27.50	0.027	293.76	98.83	3914.104	97.53

Report date: 3/27/2017 1:57:46 PM
Printed by: wet

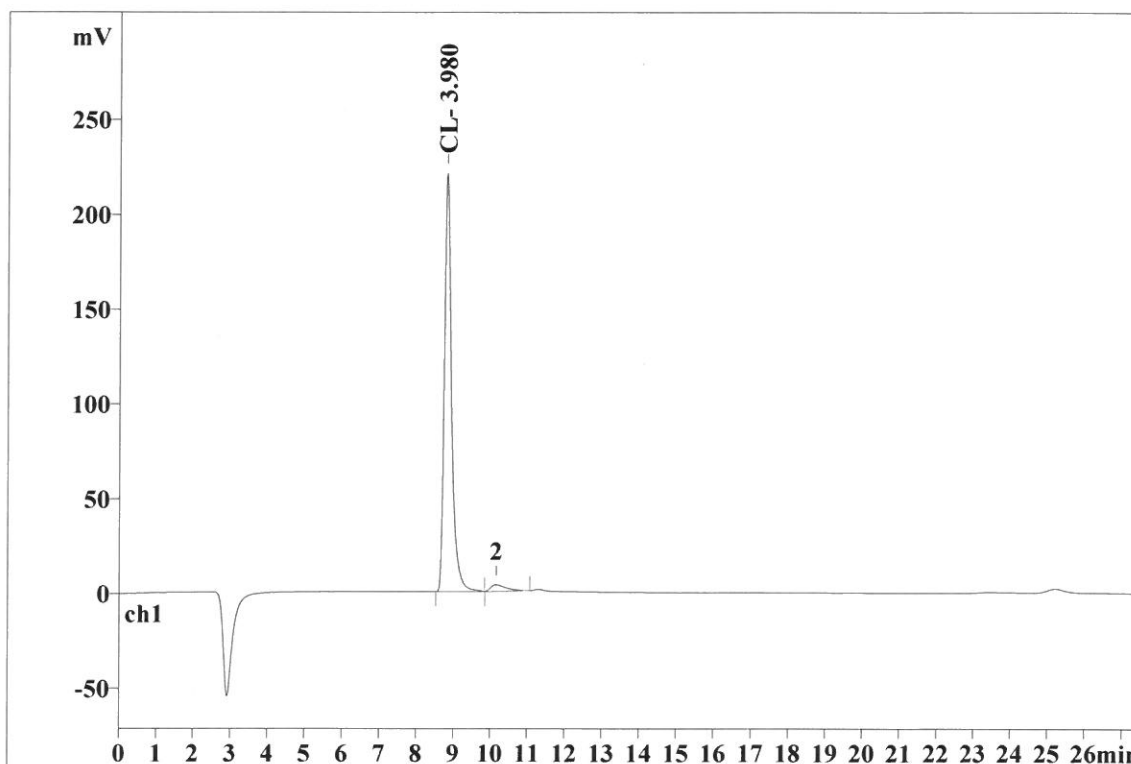
Ident: I2389-06DLX400
Analysis from: 3/27/2017 12:50:51 PM
File: _2017-03-27_

Last save: 3/27/2017 1:18:21 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14161

Last save: 3/27/2017 12:06:

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 mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.82	0.192	220.78	98.47	2987.866	96.79
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	27.50	0.027	220.78	98.47	2987.866	96.79

Report date: 3/27/2017 1:58:04 PM
Printed by: wet

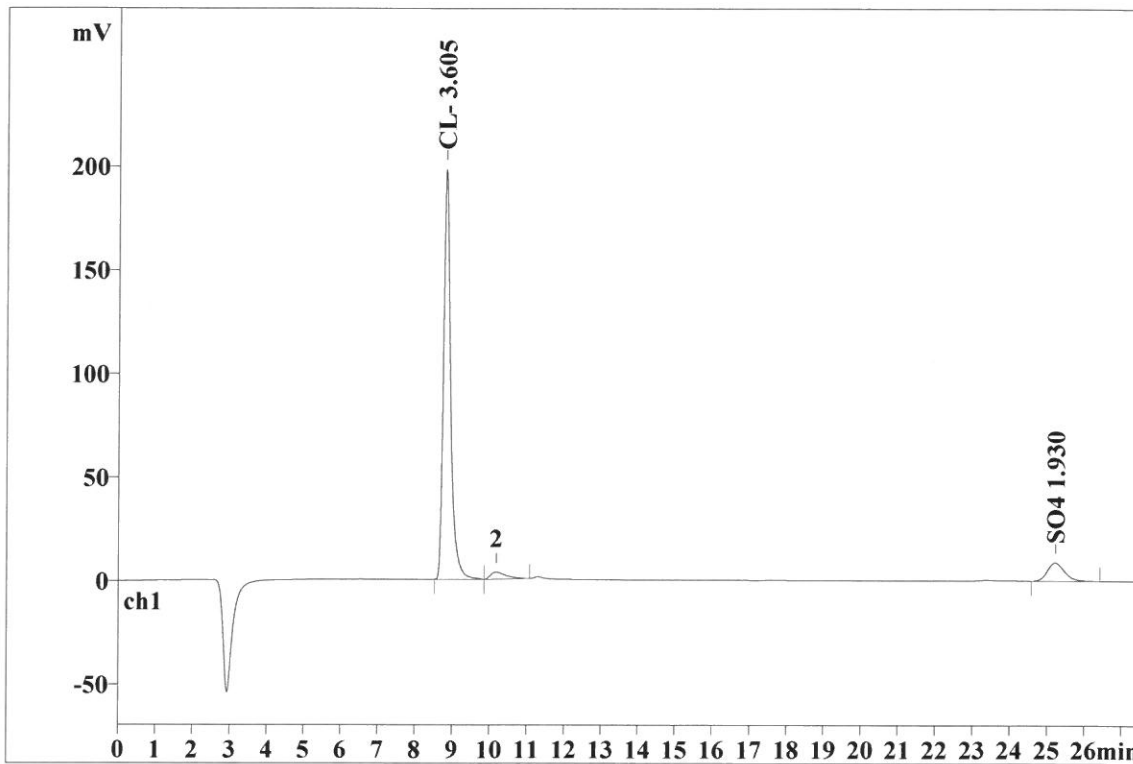
Ident: I2389-12DLX200
Analysis from: 3/27/2017 1:21:19 PM
File: _2017-03-27_

Last save: 3/27/2017 1:58:03 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14162

Last save: 3/27/2017 12:06:

SAMPLE:
: AK/AP
Vial number: 15
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.82	0.193	197.98	94.21	2683.328	87.63
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	25.22	0.491	8.74	4.16	281.451	9.19
7	27.50	0.098	206.72	98.37	2964.779	96.82

Report date: 3/27/2017 2:29:27 PM
Printed by: wet

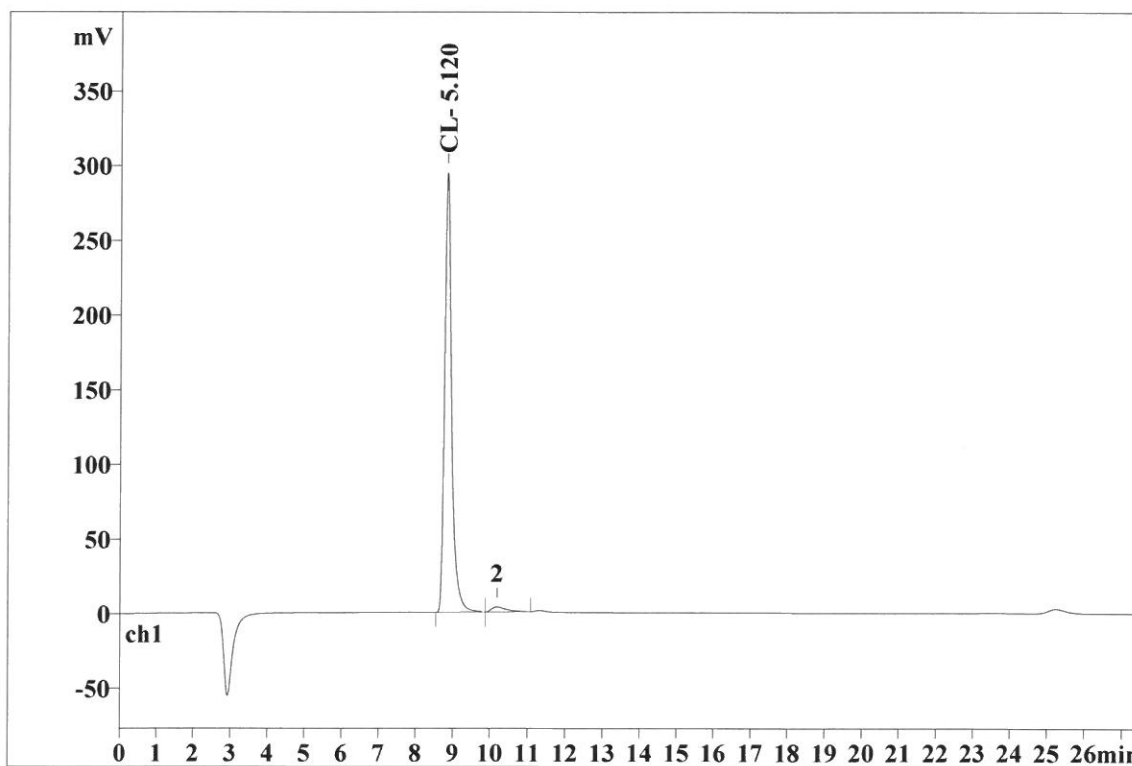
Ident: I2389-13DLX200
Analysis from: 3/27/2017 1:51:46 PM
File: _2017-03-27_

Last save: 3/27/2017 2:19:16 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14163

Last save: 3/27/2017 12:06:

SAMPLE:
: AK/AP
Vial number: 16
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.83	0.189	294.47	98.87	3913.829	97.63
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	27.50	0.027	294.47	98.87	3913.829	97.63

Report date: 3/27/2017 4:03:36 PM
Printed by: wet

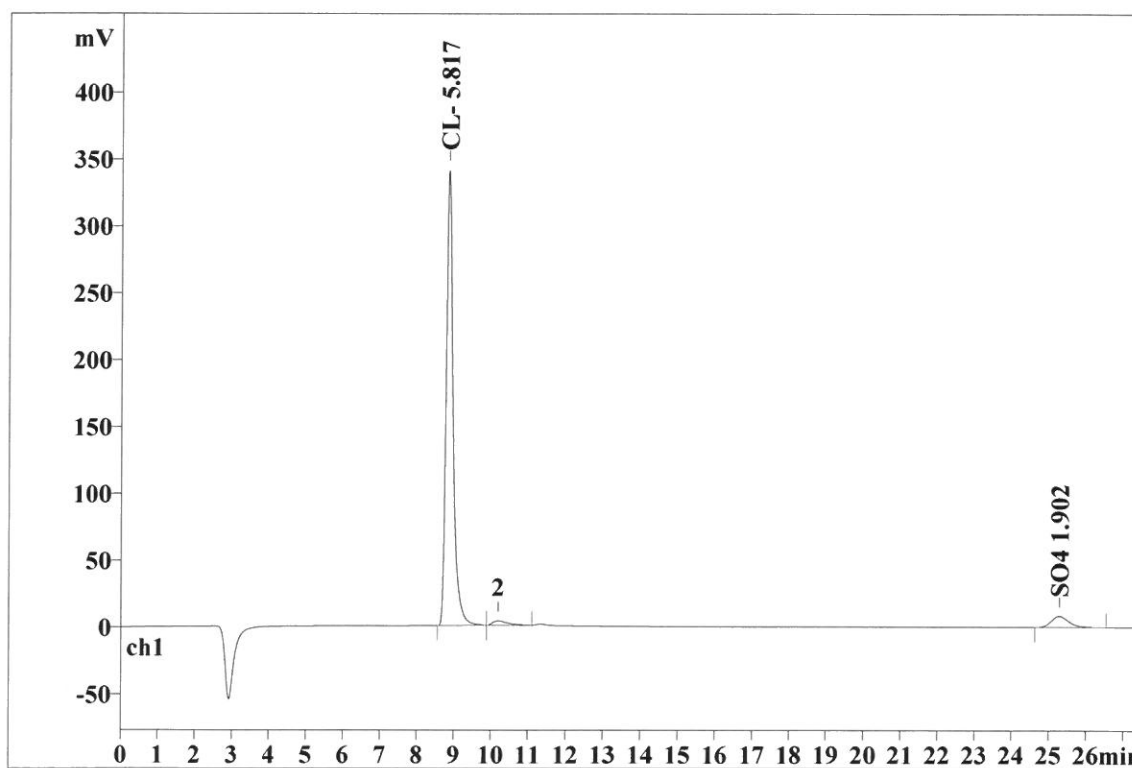
Ident: I2389-14DLX200
Analysis from: 3/27/2017 2:22:14 PM
File: _2017-03-27_

Last save: 3/27/2017 3:47:05 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14164

Last save: 3/27/2017 12:06:

SAMPLE:
: AK/AP
Vial number: 17
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	0.00	0.000	0.00	0.00	0.000	0.00
2	8.85	0.188	340.91	96.71	4479.491	92.56
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	25.29	0.488	8.23	2.33	263.897	5.45
7	27.50	0.097	349.14	99.04	4743.388	98.02

Report date: 3/27/2017 4:03:41 PM
Printed by: wet

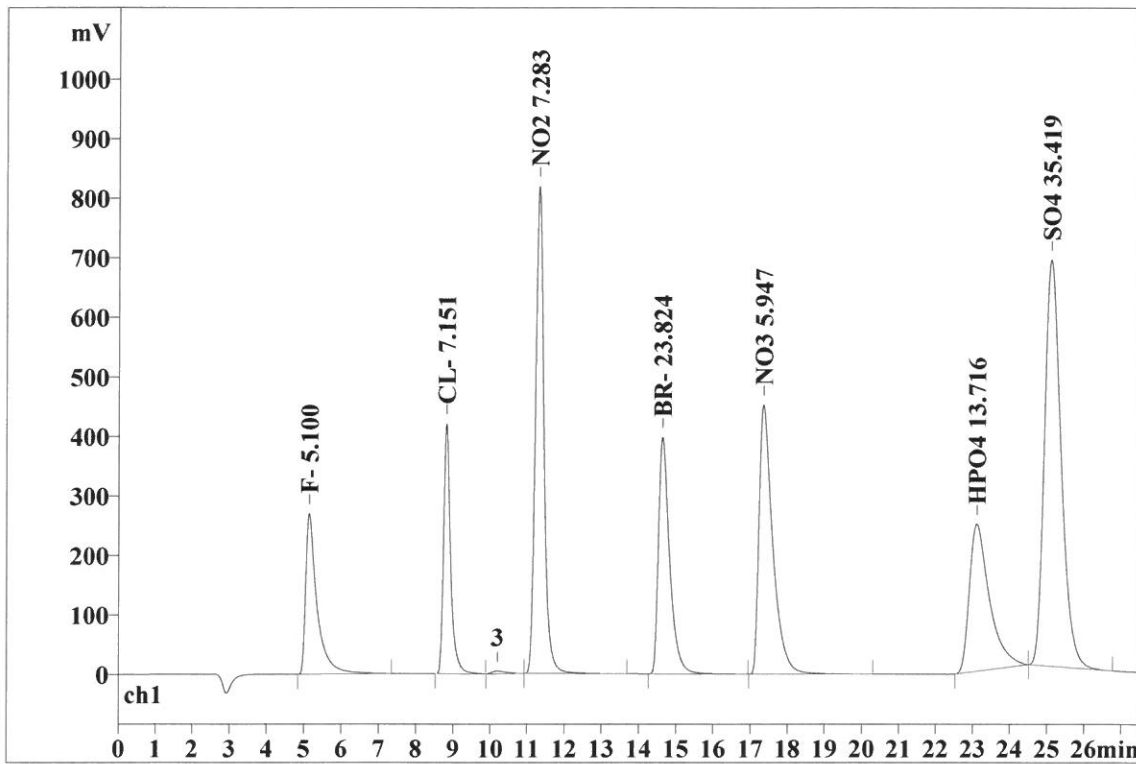
Ident: CCV
Analysis from: 3/27/2017 2:52:48 PM
File: _2017-03-27_

Last save: 3/27/2017 3:25:33 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14165

Last save: 3/27/2017 12:06:

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	5.14	0.283	269.94	8.19	5712.769	7.61
2	8.81	0.188	420.40	12.76	5562.925	7.41
3	11.32	0.237	819.08	24.86	13155.874	17.52
4	14.64	0.303	397.94	12.08	8239.251	10.97
5	17.35	0.374	452.13	13.72	11562.166	15.40
6	23.11	0.554	247.48	7.51	9391.868	12.51
7	25.11	0.474	683.04	20.73	21332.842	28.41
7	27.50	0.345	3290.01	99.86	74957.696	99.84

Report date: 3/27/2017 4:03:48 PM
Printed by: wet

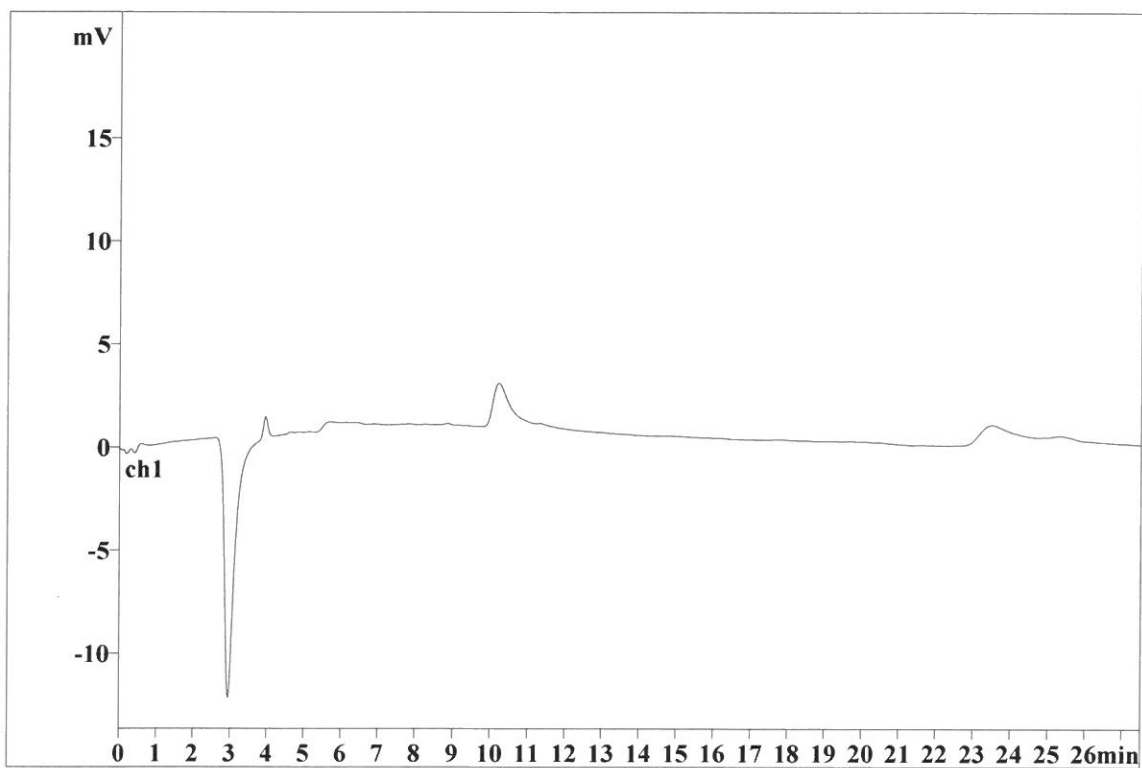
Ident: CCB
Analysis from: 3/27/2017 3:28:41 PM
File: _2017-03-27_

Last save: 3/27/2017 3:56:11 PM

Method: AnionIC2-031617.mtw
Run operator: wet
Analysis number: 14166

Last save: 3/27/2017 12:06:

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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