

FC-2 300.0
61-04-19 AC

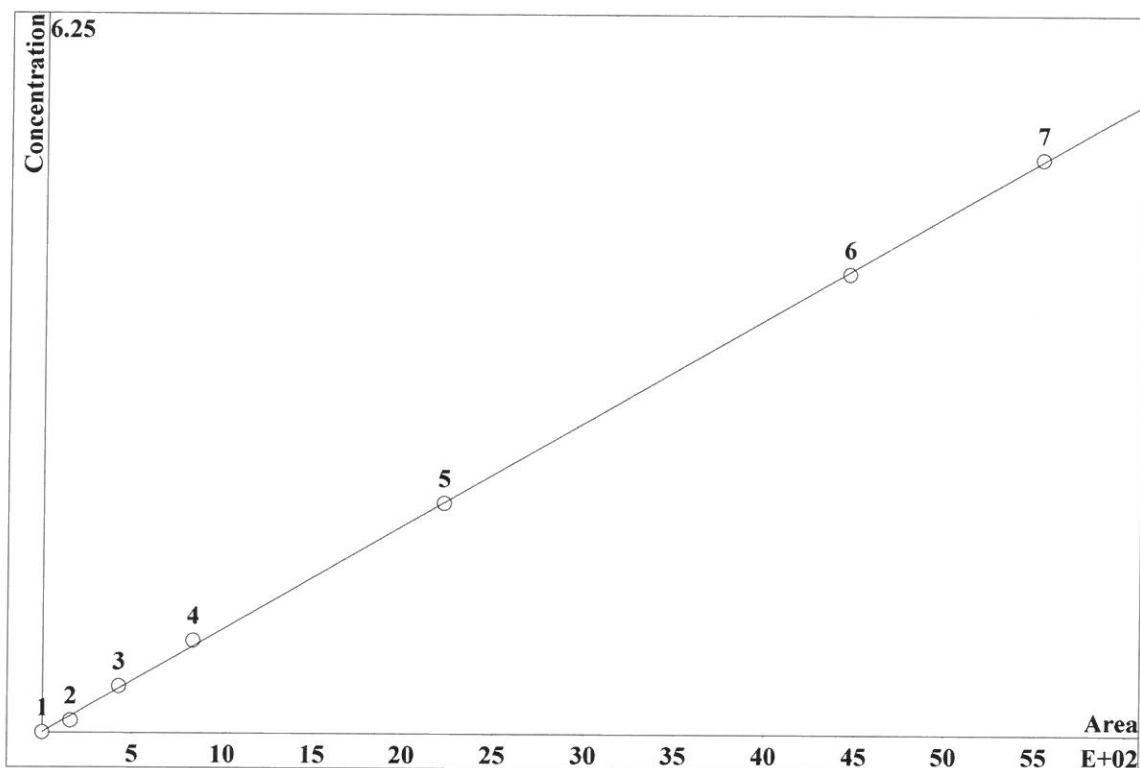
Clear table

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	Initial wt/ Final Vol	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-12-17	12/17/18 11:04		AK/AP
STD2	0.1440	0.2120	0.2400	0.7010	0.1760	-0.2240	1.2820	2018-12-17	12/17/18 11:36		AK/AP
STD3	0.3860	0.6290	0.6260	2.0740	0.5170	1.0930	3.1380	2018-12-17	12/17/18 12:07		AK/AP
STD4	0.7540	1.1790	1.1760	3.9170	0.9810	2.3150	5.8170	2018-12-17	12/17/18 12:39		AK/AP
STD5	2.0090	2.9090	2.8760	9.7370	2.4320	5.2680	14.3410	2018-12-17	12/17/18 13:10		AK/AP
STD6	4.0230	5.9420	5.9360	19.8490	4.9620	9.9410	29.6610	2018-12-17	12/17/18 13:42		AK/AP
STD7	4.9850	7.5800	7.5950	25.2210	6.3060	12.3570	38.0120	2018-12-17	12/17/18 14:13		AK/AP
ICV	2.0390	2.8750	2.8850	9.6920	2.4160	5.0630	14.2730	2018-12-18	12/18/18 10:07		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2018-12-18	12/18/18 10:39		AK/AP
CCV	2.0460	2.9870	3.0050	10.1630	2.5200	5.0460	14.9150	2019-01-03	1/3/19 12:24		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-01-03	1/3/19 12:56		AK/AP
LB100150BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-01-03	1/3/19 13:28		AK/AP
LB100150BSW	2.0670	2.9900	2.9930	10.0260	2.5110	4.9670	14.8600	2019-01-03	1/3/19 13:59		AK/AP
K1032-01	0.1600	15.9950	0.0000	0.0000	0.0000	0.0000	48.4440	2019-01-03	1/3/19 14:31		AK/AP
K1032-04	0.1650	70.3040	0.0000	0.0000	0.0000	0.0000	50.0750	2019-01-03	1/3/19 15:02		AK/AP
K1032-05	0.2380	17.0230	0.0000	0.0000	0.0000	0.0000	24.2200	2019-01-03	1/3/19 15:33		AK/AP
K1032-01DUP	0.1560	16.0250	0.0000	0.0000	0.0000	0.0000	48.5820	2019-01-03	1/3/19 16:05		AK/AP
K1032-02MS	2.3280	17.9680	2.9780	10.2210	2.5370	6.7240	60.2270	2019-01-03	1/3/19 16:37		AK/AP
K1032-03MSD	2.2570	17.8960	2.8910	9.9000	2.4610	6.5440	59.7120	2019-01-03	1/3/19 17:08		AK/AP
K1032-01DLX5	0.0290	2.9240	0.0000	0.0000	0.0000	0.0000	9.1960	2019-01-03	1/3/19 17:39		AK/AP
K1032-04DLX2	0.0820	42.2710	0.0000	0.0000	0.0000	0.0000	24.2060	2019-01-03	1/3/19 18:11		AK/AP
CCV	2.0810	3.0570	3.0300	10.1500	2.5390	5.2380	14.9660	2019-01-03	1/3/19 18:42		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-01-03	1/3/19 19:14		AK/AP
K1032-04DL2X20	0.0000	3.3770	0.0000	0.0000	0.0000	0.0000	2.4680	2019-01-03	1/3/19 19:45		AK/AP
K1032-05DLX5	0.0490	3.1520	0.0000	0.0000	0.0000	0.0000	5.0330	2019-01-03	1/3/19 20:17		AK/AP
CCV	2.0050	3.0630	3.0480	10.1740	2.5420	5.2390	15.0340	2019-01-03	1/3/19 20:48		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-01-03	1/3/19 21:20		AK/AP

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-121718.mtw
 Equation: $Q = 0.0180356 \cdot A + 0.0309314$
 RSD: 1.747 %
 Correlation coefficient: 0.999875

IC-2-Cal
 12-17-18
 AK

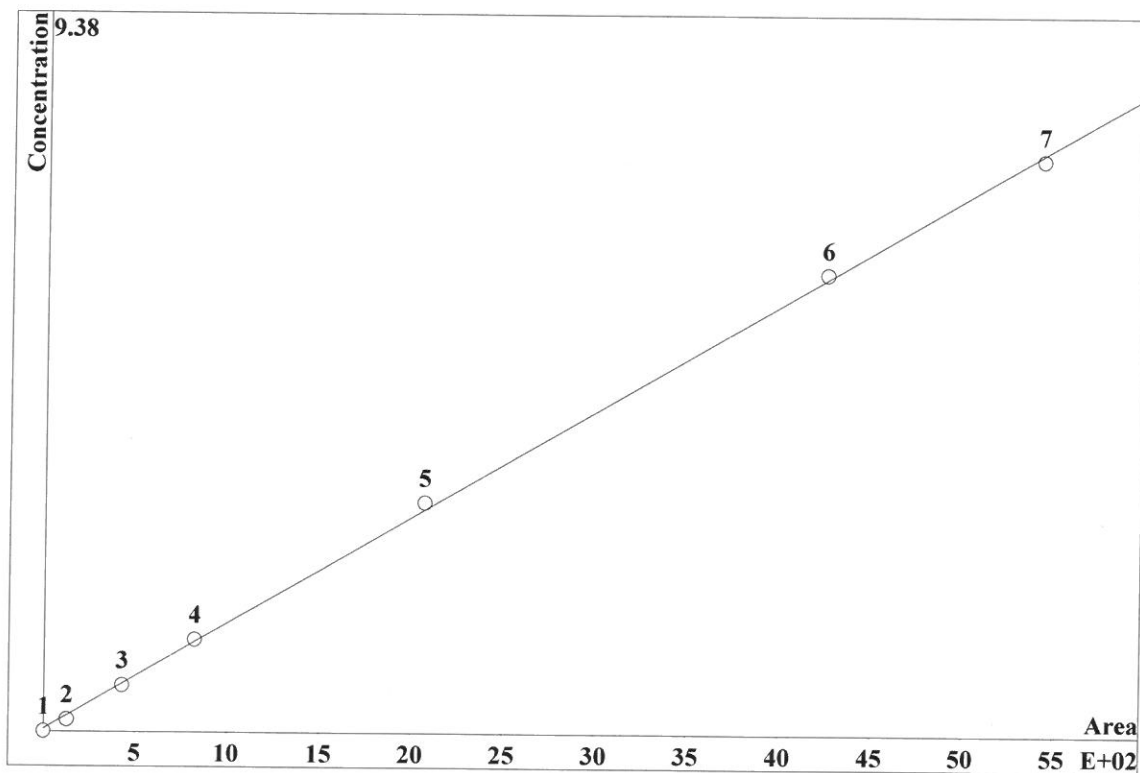


K3 = 0 K2 = 0 K1 = 0.0180356 K0 = 0.0309314
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1		0	0		0		0
2	5.011	158.2		0.1	20		5.166
3	18.88	425.8		0.4	20		5.166
4	39	834		0.8	20		5.166
5	106.8	2226		2	20		5.166
6	213	4459		4	20		5.166
7	271.7	5526		5	20		5.166

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-121718.mtw
 Equation: $Q = 0.0278054 \cdot A + 0.661889$
 RSD: 2.478 %
 Correlation coefficient: 0.999749

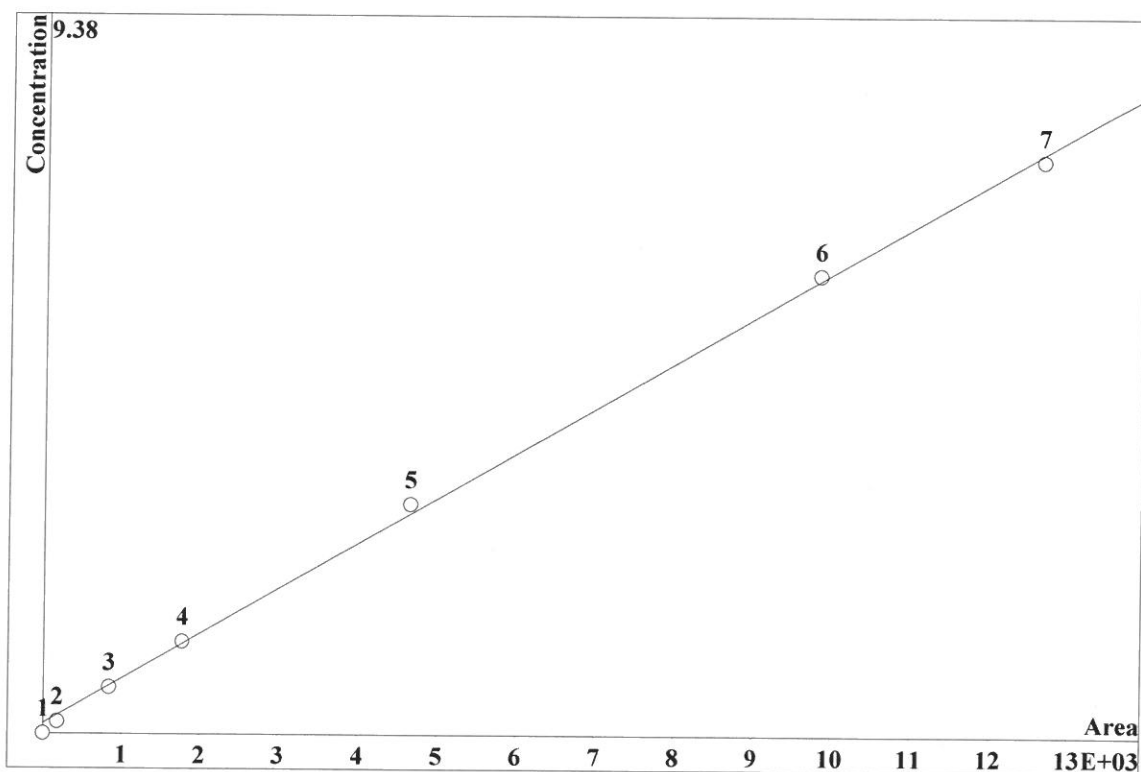


K3 = 0 K2 = 0 K1 = 0.0278054 K0 = 0.661889
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	7.214	128.5	0.15	20	9.024		
3	23.65	428.7	0.6	20	9.024		
4	46.54	824.2	1.2	20	9.024		
5	117.5	2068	3	20	9.024		
6	244.8	4250	6	20	9.024		
7	317.3	5428	7.5	20	9.024		

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-121718.mtw
 Equation: $Q = 0.011802 \cdot A + 2.63122$
 RSD: 3.170 %
 Correlation coefficient: 0.999590



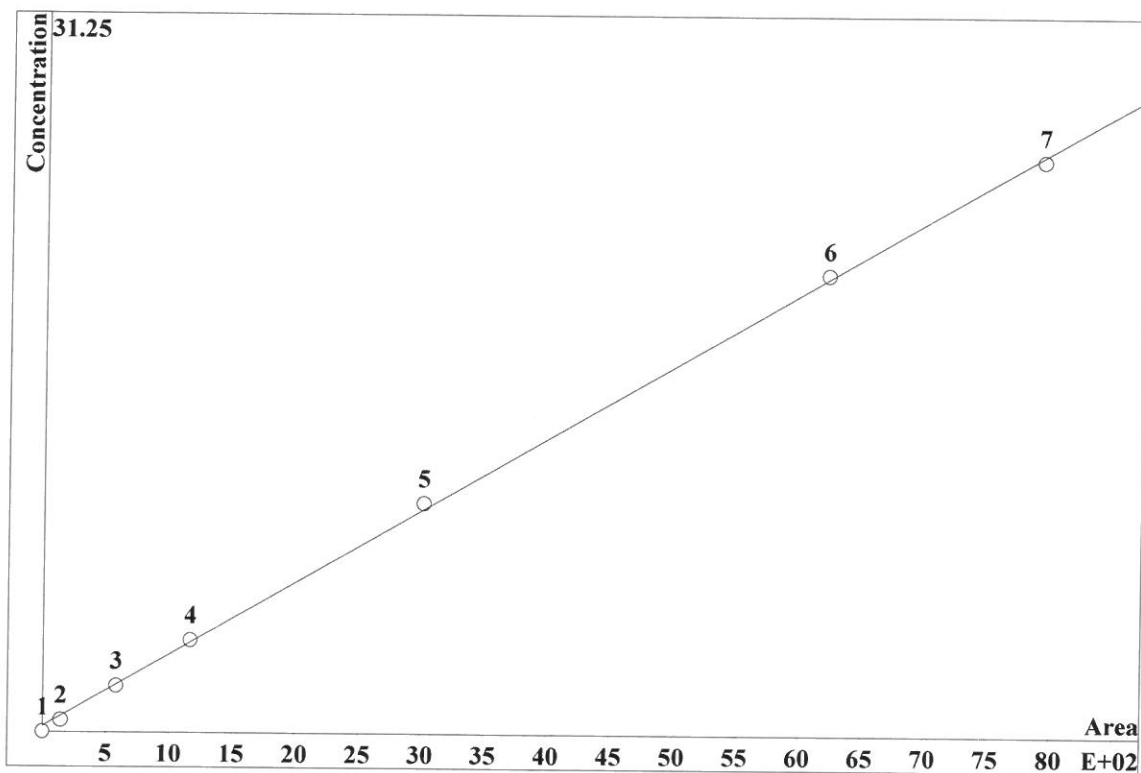
K3 = 0 K2 = 0 K1 = 0.011802 K0 = 2.63122
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	10.13	184.4	0.15	20	11.64		
3	42.93	838.3	0.6	20	11.64		
4	89.74	1769	1.2	20	11.64		
5	239.9	4651	3	20	11.64		
6	513.9	9837	6	20	11.64		
7	653.7	1.265e+04	7.5	20	11.64		

1.□

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-121718.mtw
 Equation: $Q = 0.0630454 \cdot A + 4.81605$
 RSD: 2.147 %
 Correlation coefficient: 0.999812

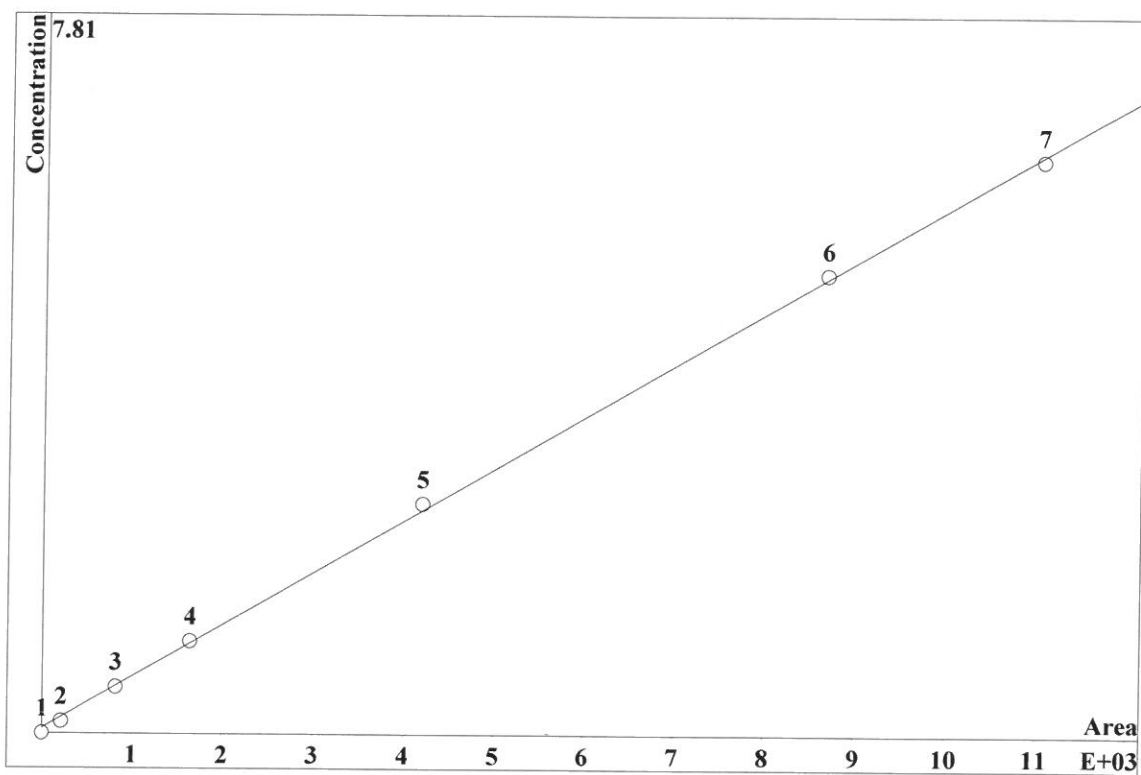


K3 = 0 K2 = 0 K1 = 0.0630454 K0 = 4.81605
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	4.931	146	0.5	20	15.43		
3	19.68	581.7	2	20	15.43		
4	40.15	1166	4	20	15.43		
5	102.2	3012	10	20	15.43		
6	209.9	6220	20	20	15.43		
7	267.9	7925	25	20	15.43		

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-121718.mtw
 Equation: $Q = 0.0113113 \cdot A + 1.09699$
 RSD: 2.174 %
 Correlation coefficient: 0.999807

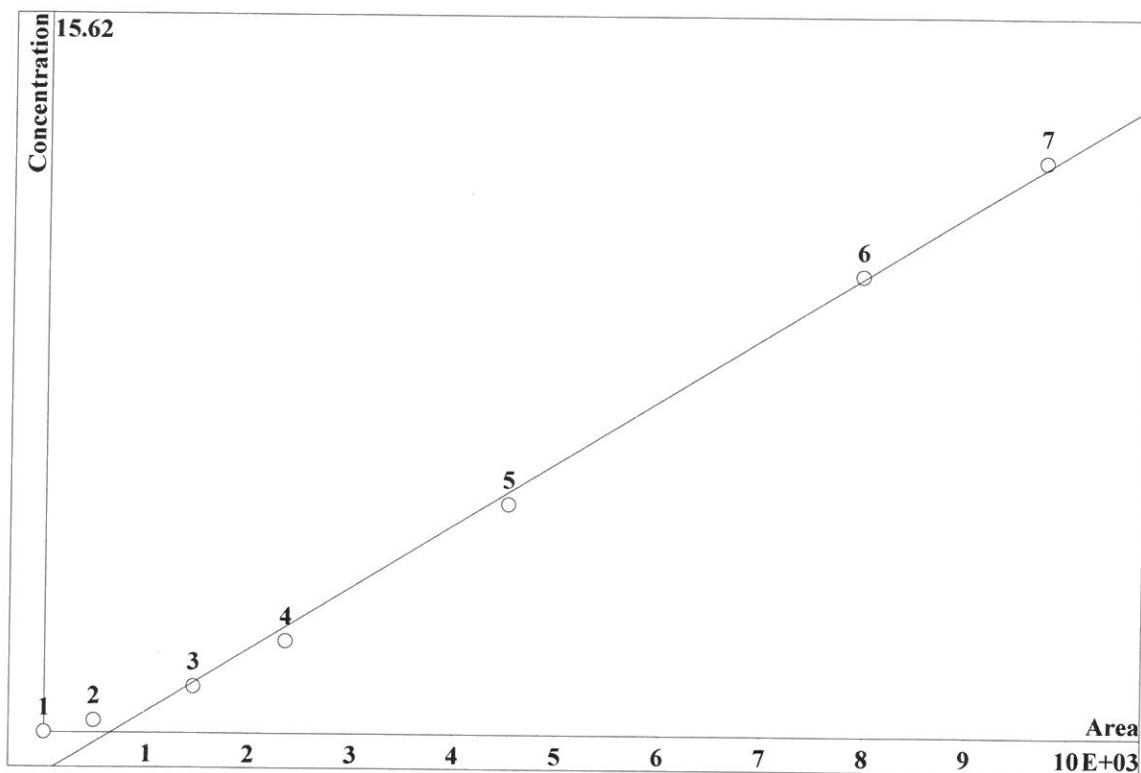


K3 = 0 K2 = 0 K1 = 0.0113113 K0 = 1.09699
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	6.099	214.4	0.125	20	18.5		
3	23	817.4	0.5	20	18.5		
4	46.08	1638	1	20	18.5		
5	113.4	4203	2.5	20	18.5		
6	225.2	8677	5	20	18.5		
7	282.9	1.105e+04	6.25	20	18.5		

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-121718.mtw
 Equation: $Q = 0.0271884 \cdot A - 17.6737$
 RSD: 6.389 %
 Correlation coefficient: 0.998333

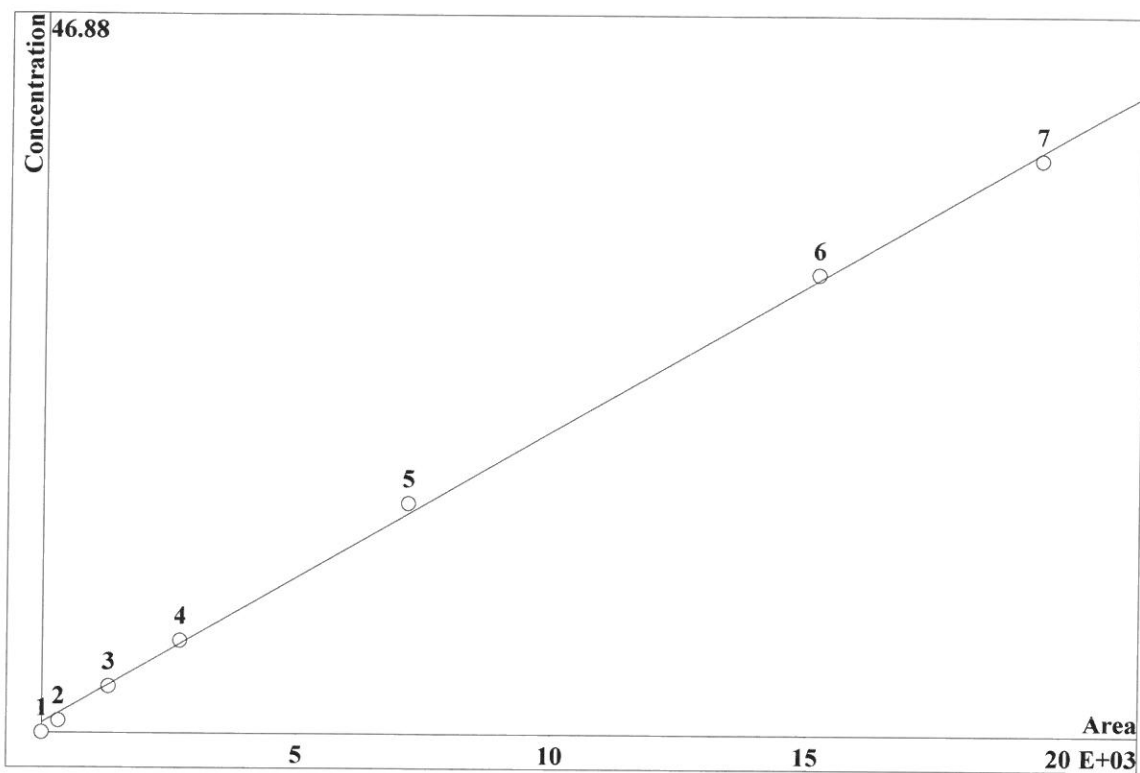


K3 = 0 K2 = 0 K1 = 0.0271884 K0 = -17.6737
 Base: Area
 Ref.channel: ch1
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		0
2	10.62	485	0.25	20	23.19		
3	33.01	1454	1	20	23.19		
4	55.03	2353	2	20	23.19		
5	110.5	4525	5	20	23.19		
6	198.8	7963	10	20	23.19		
7	244.9	9740	12.5	20	23.19		

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-121718.mtw
 Equation: $Q = 0.0381742 \cdot A + 12.9863$
 RSD: 3.483 %
 Correlation coefficient: 0.999505



K3 = 0 K2 = 0 K1 = 0.0381742 K0 = 12.9863
 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	9.035	331.5	0.75	20	25.22		
3	35.06	1304	3	20	25.22		
4	72.04	2707	6	20	25.22		
5	188.3	7173	15	20	25.22		
6	397.1	1.52e+04	30	20	25.22		
7	510.3	1.957e+04	37.5	20	25.22		

Report date: 12/19/2018 10:42:30 AM
Printed by: wet

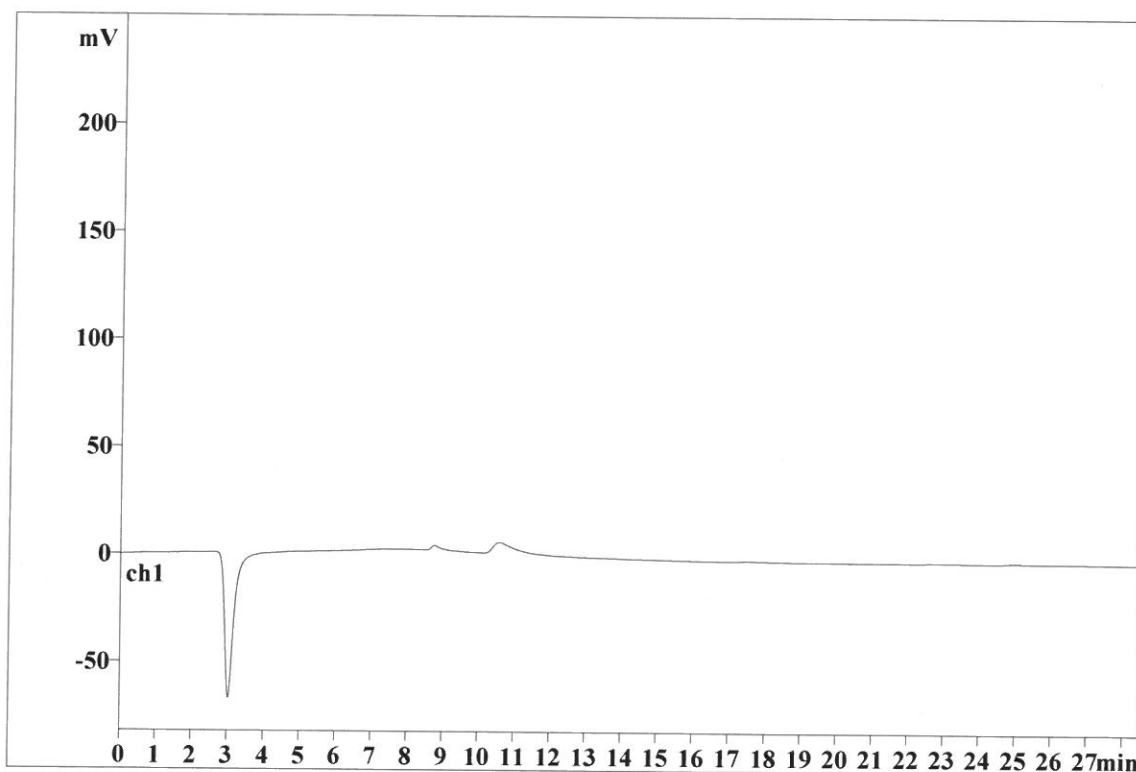
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File: _2018-12-17_

Last save: 12/18/2018 3:06:55 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19236

Last save: 12/17/2018 9:43

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: 12/19/2018 10:42:42 AM
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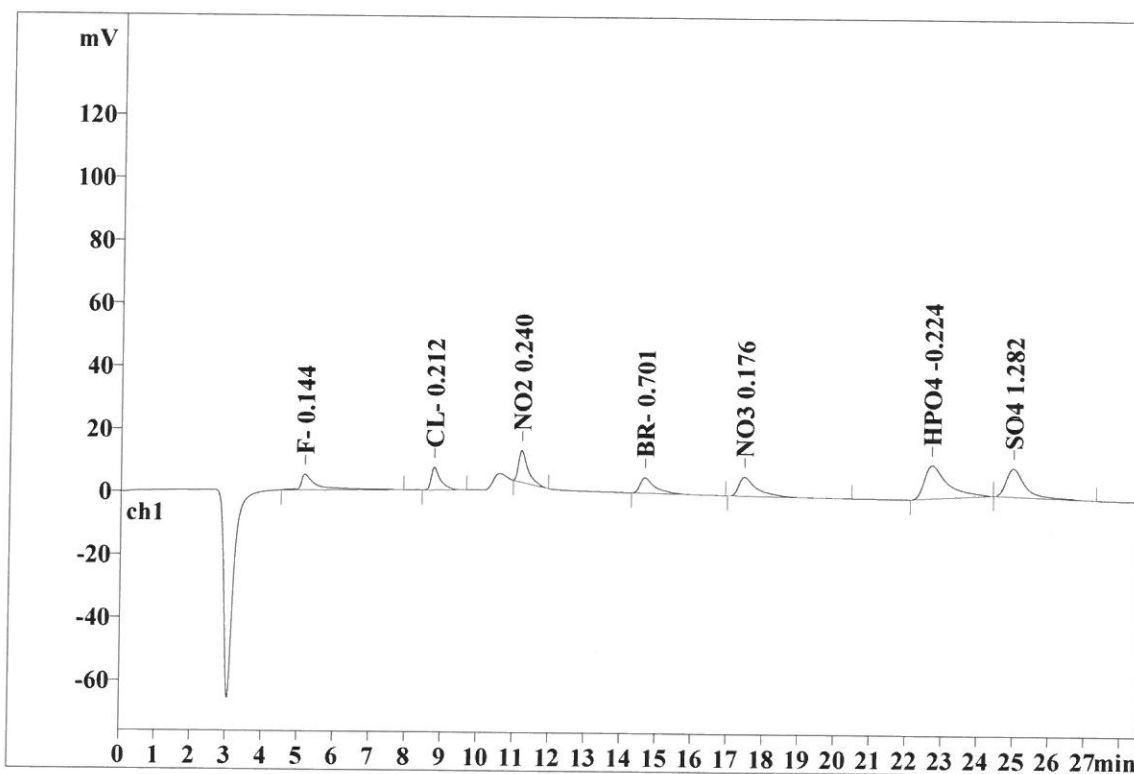
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Last save: 12/18/2018 3:06:55 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19237

Last save: 12/17/2018 9:43

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	5.16	0.315	5.01	9.44	158.163	9.60
2	8.76	0.244	7.21	13.60	128.461	7.80
3	11.20	0.256	10.13	19.10	184.443	11.19
4	14.65	0.393	4.93	9.29	145.956	8.86
5	17.44	0.465	6.10	11.50	214.449	13.01
6	22.68	0.618	10.62	20.02	484.984	29.43
7	24.96	0.504	9.03	17.03	331.491	20.12
7	28.50	0.399	53.03	99.98	1647.947	100.00

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Report date: 12/19/2018 10:42:53 AM
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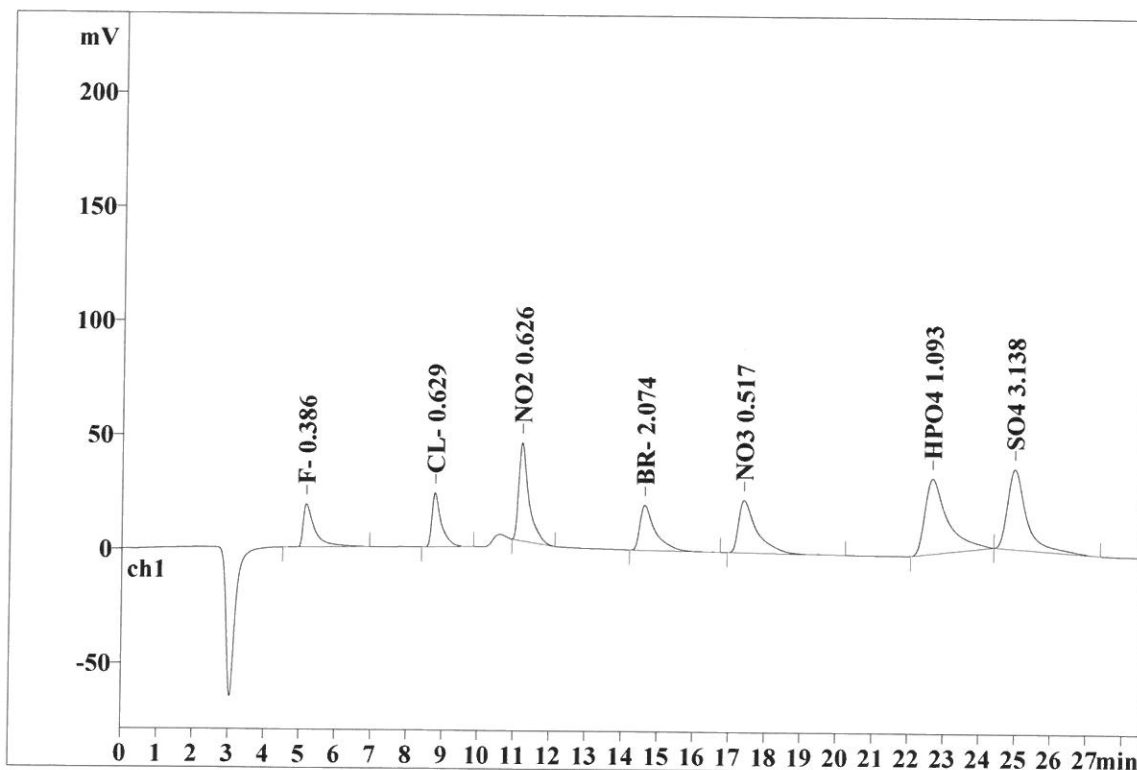
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File: _2018-12-17_

Last save: 12/18/2018 3:06:56 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19238

Last save: 12/17/2018 9:43

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	5.16	0.293	18.88	9.62	425.784	7.28
2	8.76	0.246	23.65	12.05	428.744	7.33
3	11.20	0.266	42.93	21.88	838.256	14.33
4	14.61	0.394	19.68	10.03	581.676	9.94
5	17.39	0.473	23.00	11.72	817.372	13.97
6	22.65	0.594	33.01	16.82	1453.724	24.85
7	24.96	0.505	35.06	17.87	1303.596	22.29
7	28.50	0.396	196.20	100.00	5849.152	100.00

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Report date: 12/19/2018 10:43:02 AM
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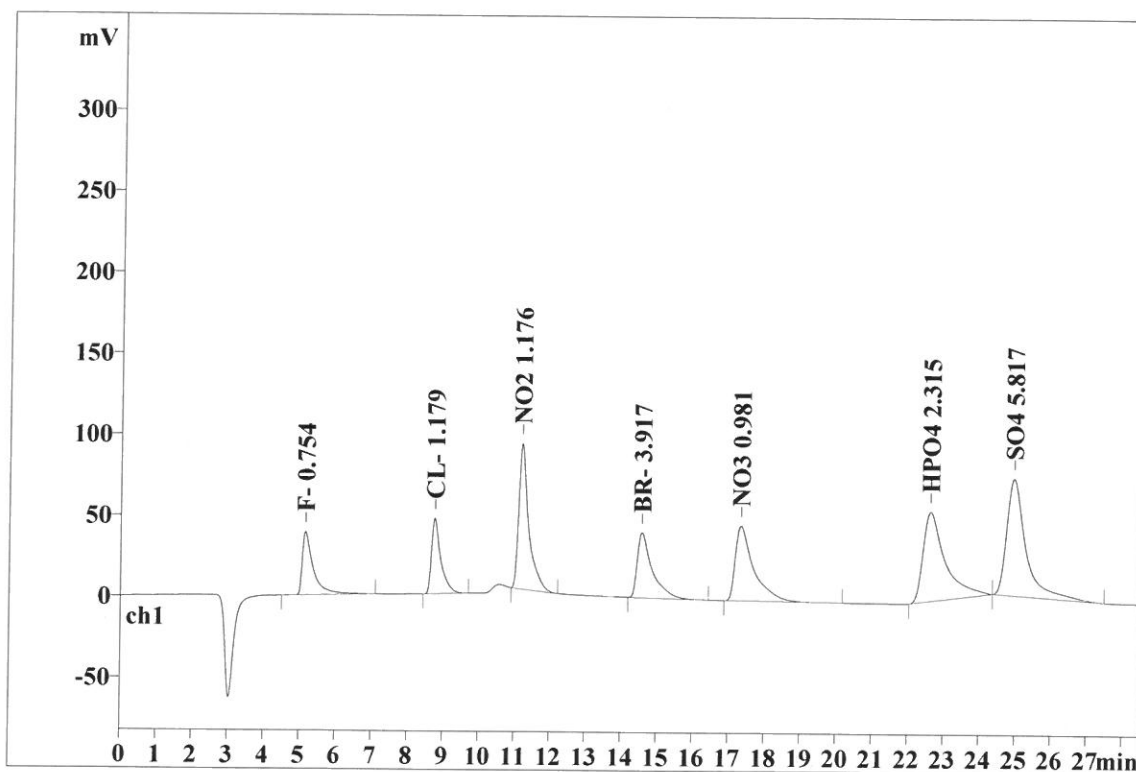
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File: _2018-12-17_

Last save: 12/18/2018 3:06:56 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19239

Last save: 12/17/2018 9:43

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	0.281	39.00	10.04	834.010	7.39
2	8.75	0.243	46.54	11.98	824.216	7.30
3	11.20	0.266	89.74	23.09	1769.347	15.67
4	14.57	0.390	40.15	10.33	1166.276	10.33
5	17.32	0.477	46.08	11.86	1638.392	14.51
6	22.61	0.575	55.03	14.16	2353.343	20.84
7	24.94	0.504	72.04	18.54	2707.297	23.97
7	28.50	0.391	388.57	100.00	11292.882	100.00

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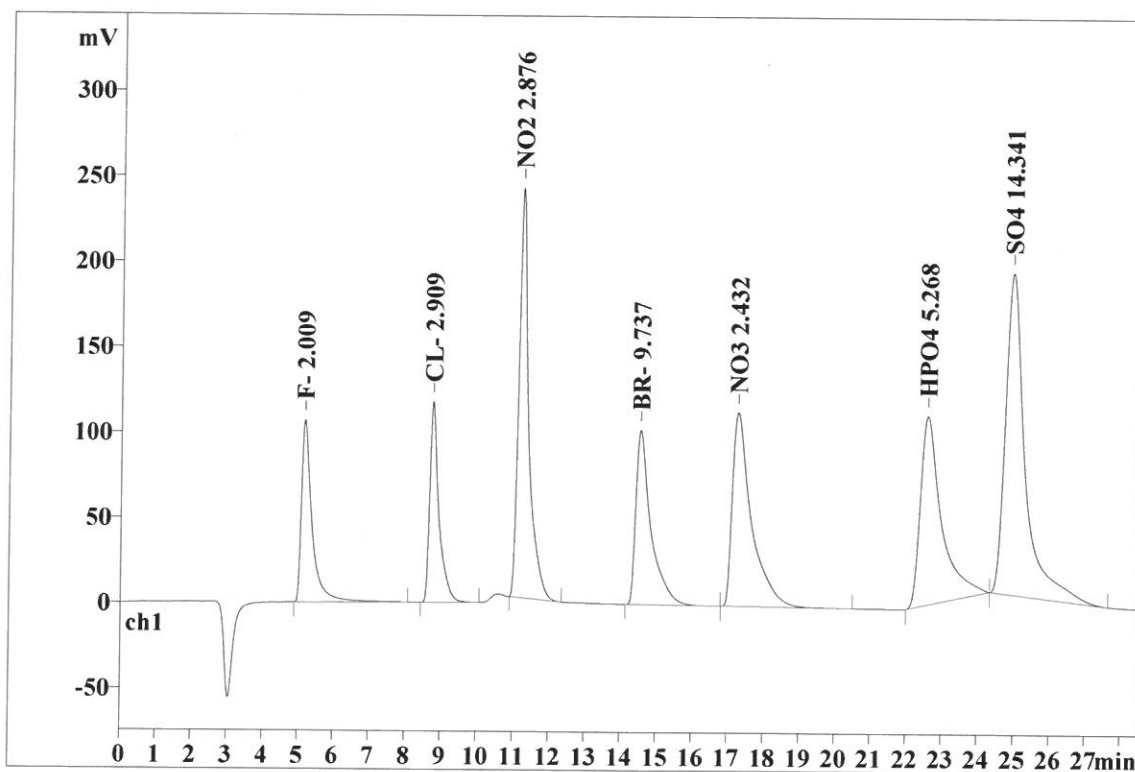
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File: _2018-12-17_

Last save: 12/18/2018 3:06:56 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19240

Last save: 12/17/2018 9:43

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	5.16	0.280	106.74	10.91	2226.271	7.99
2	8.75	0.239	117.50	12.01	2068.238	7.42
3	11.21	0.258	239.91	24.52	4650.623	16.69
4	14.53	0.395	102.17	10.44	3012.452	10.81
5	17.25	0.501	113.43	11.59	4203.213	15.09
6	22.57	0.552	110.46	11.29	4525.216	16.24
7	24.92	0.505	188.29	19.24	7173.116	25.75
7	28.50	0.390	978.50	100.00	27859.129	100.00

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Report date: 12/19/2018 10:44:04 AM
Printed by: wet

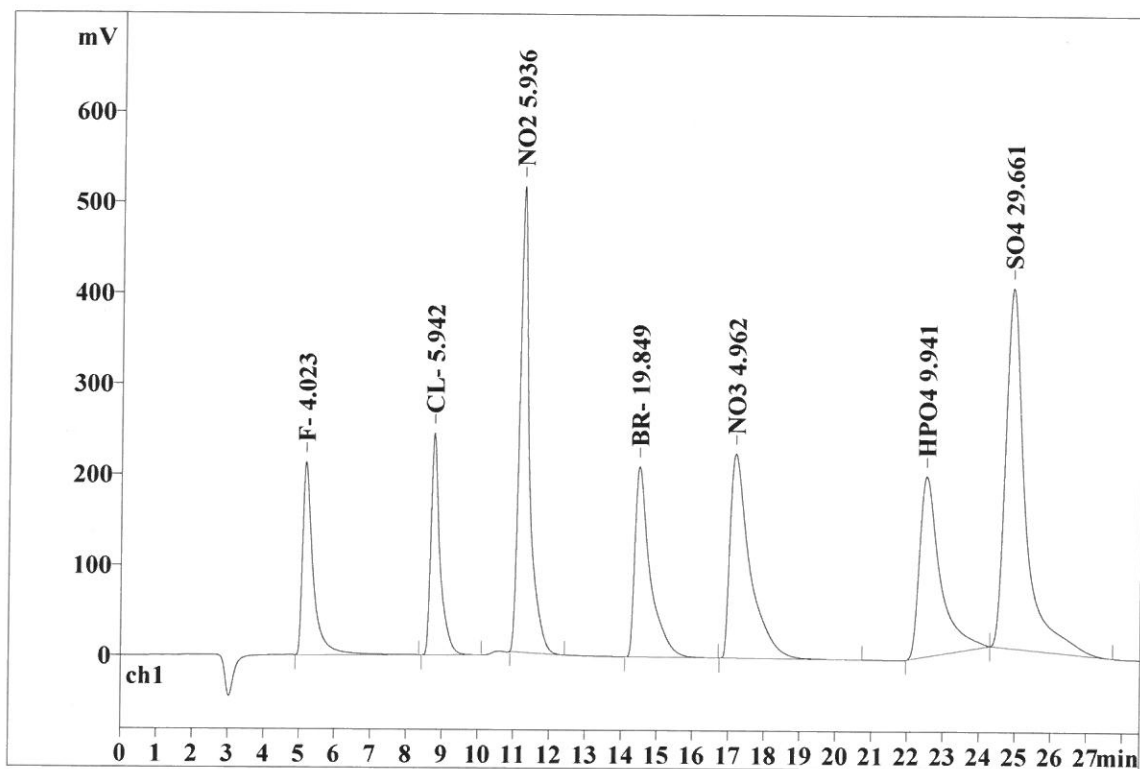
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File: _2018-12-17_

Last save: 12/18/2018 3:06:56 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19241

Last save: 12/17/2018 9:43

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	5.17	0.282	212.94	10.63	4459.002	7.88
2	8.75	0.235	244.78	12.22	4250.075	7.51
3	11.22	0.255	513.87	25.66	9837.115	17.38
4	14.48	0.399	209.84	10.48	6220.403	10.99
5	17.17	0.528	225.16	11.24	8677.121	15.33
6	22.51	0.545	198.82	9.93	7962.934	14.07
7	24.88	0.507	397.07	19.83	15199.567	26.85
7	28.50	0.393	2002.48	100.00	56606.216	100.00

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Report date: 12/19/2018 10:44:31 AM
Printed by: wet

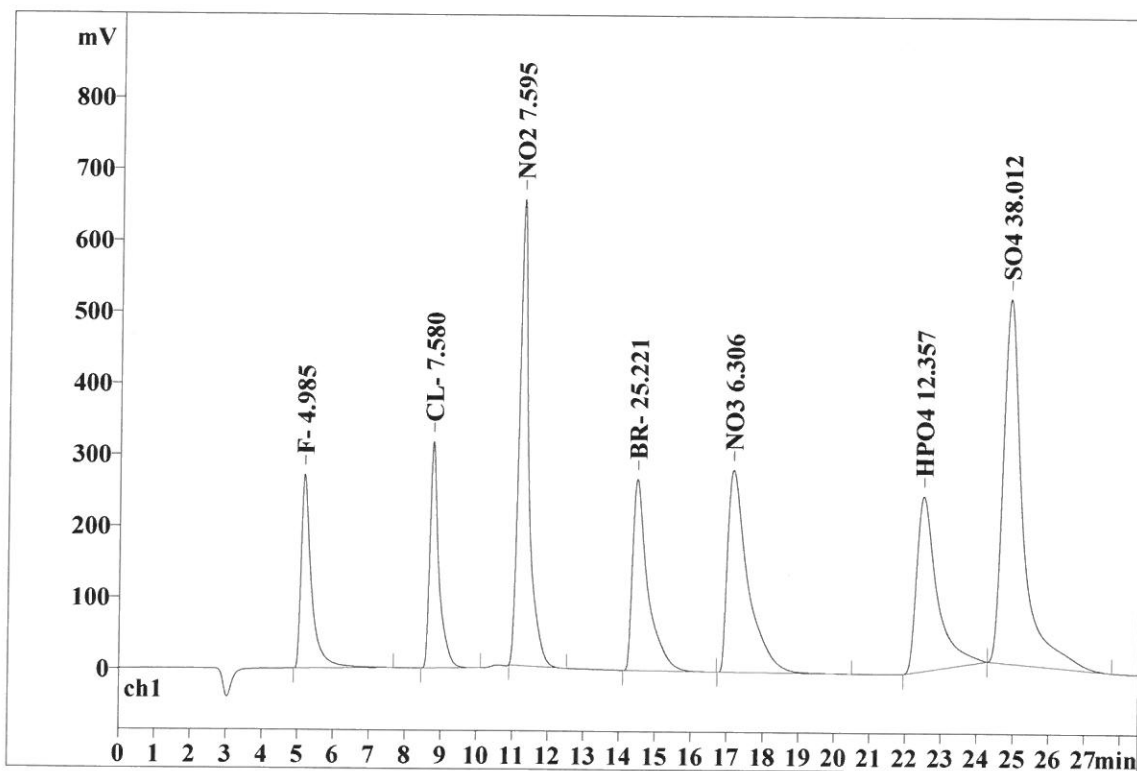
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File: _2018-12-17_

Last save: 12/18/2018 4:10:24 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19242

Last save: 12/17/2018 9:43

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	5.17	0.274	271.72	10.66	5526.175	7.69
2	8.75	0.231	317.33	12.45	5428.251	7.55
3	11.24	0.259	653.66	25.65	12648.537	17.59
4	14.47	0.398	267.89	10.51	7924.646	11.02
5	17.14	0.538	282.86	11.10	11052.779	15.37
6	22.48	0.543	244.87	9.61	9739.993	13.55
7	24.86	0.508	510.34	20.02	19574.848	27.23
7	28.50	0.393	2548.67	100.00	71895.230	100.00

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Report date: 12/19/2018 10:51:08 AM
Printed by: wet

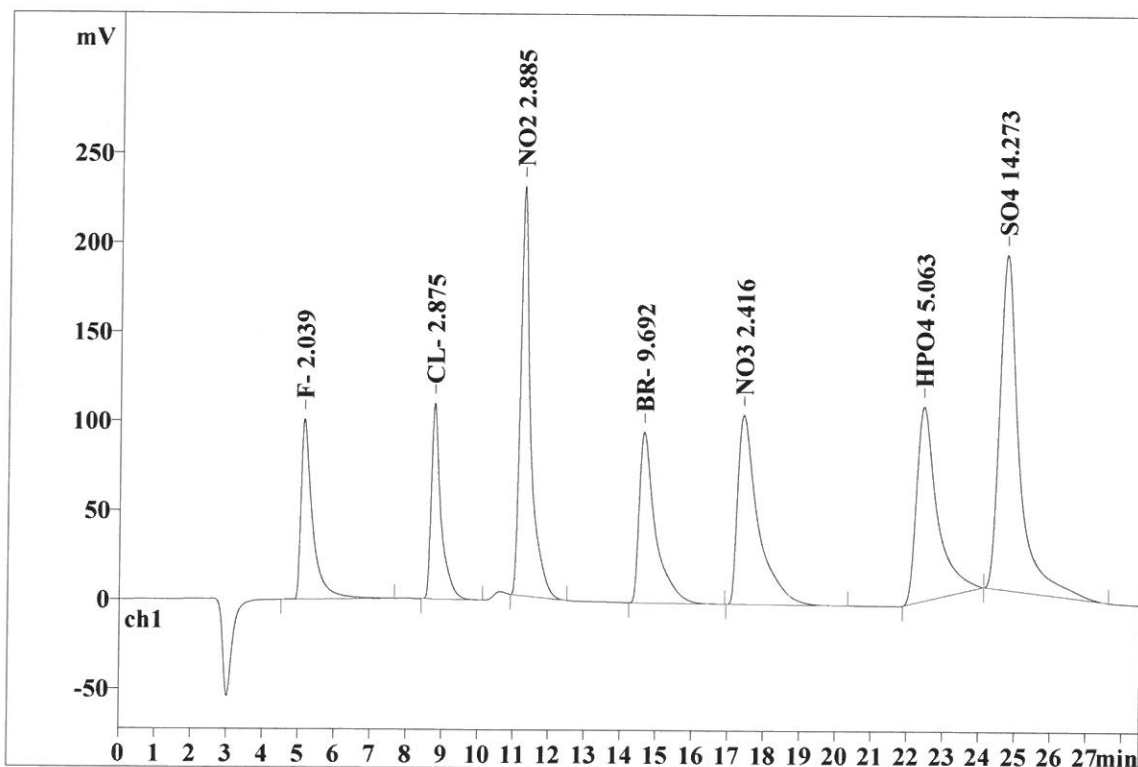
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File: _2018-12-18_

Last save: 12/18/2018 3:07:32 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19262

Last save: 12/17/2018 9:43

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	5.13	0.301	101.08	10.77	2259.352	8.17
2	8.75	0.250	109.73	11.69	2044.112	7.39
3	11.24	0.268	229.39	24.43	4665.839	16.87
4	14.64	0.416	95.74	10.20	2998.062	10.84
5	17.40	0.529	106.11	11.30	4174.949	15.10
6	22.43	0.550	109.02	11.61	4374.169	15.82
7	24.73	0.507	187.85	20.01	7137.726	25.81
7	28.49	0.403	938.92	100.00	27654.209	100.00

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Report date: 12/19/2018 10:51:53 AM
Printed by: wet

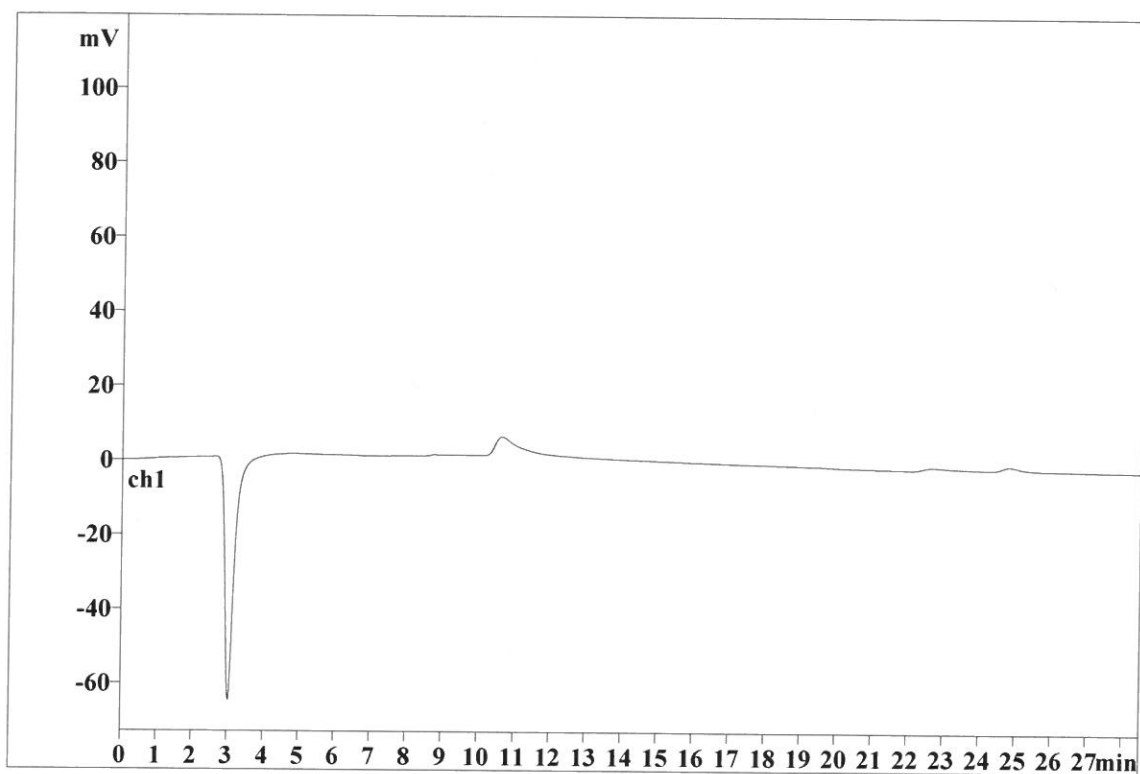
Ident: ICB
Analysis from: 12/18/2018 10:39:42 AM
File: _2018-12-18_

Last save: 12/19/2018 10:51:50 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19263

Last save: 12/17/2018 9:43

SAMPLE:
: AK/AP
Vial number: 12
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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Report date: 1/4/2019 9:09:17 AM
Printed by: wet

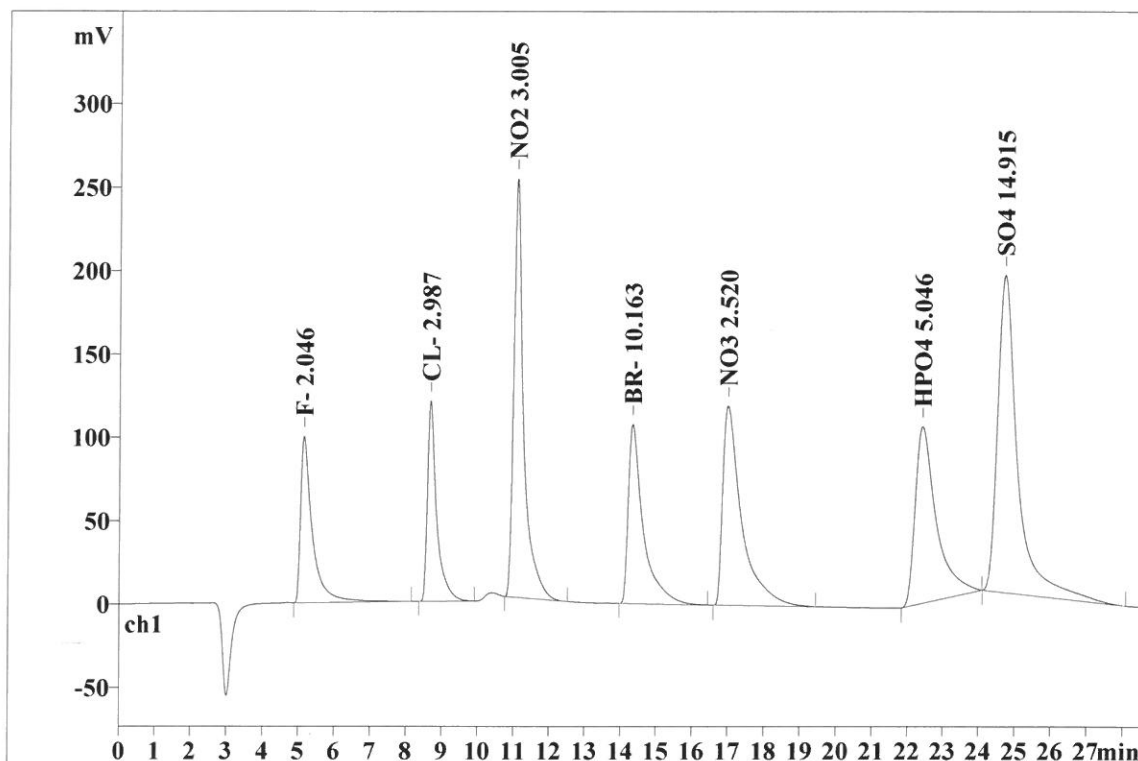
Ident: CCV
Analysis from: 1/3/2019 12:24:26 PM
File: _2019-01-03_

Last save: 1/3/2019 12:52:57 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19407

Last save: 12/20/2018 10:4

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	5.15	0.296	99.69	10.03	2266.995	7.93
2	8.67	0.235	120.25	12.09	2124.972	7.43
3	11.08	0.253	251.19	25.26	4868.828	17.02
4	14.33	0.386	107.42	10.80	3147.570	11.00
5	16.99	0.488	119.51	12.02	4358.340	15.24
6	22.41	0.575	105.98	10.66	4361.803	15.25
7	24.71	0.523	190.25	19.13	7473.863	26.13
7	28.50	0.394	994.29	100.00	28602.370	100.00

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Report date: 1/4/2019 9:09:27 AM
Printed by: wet

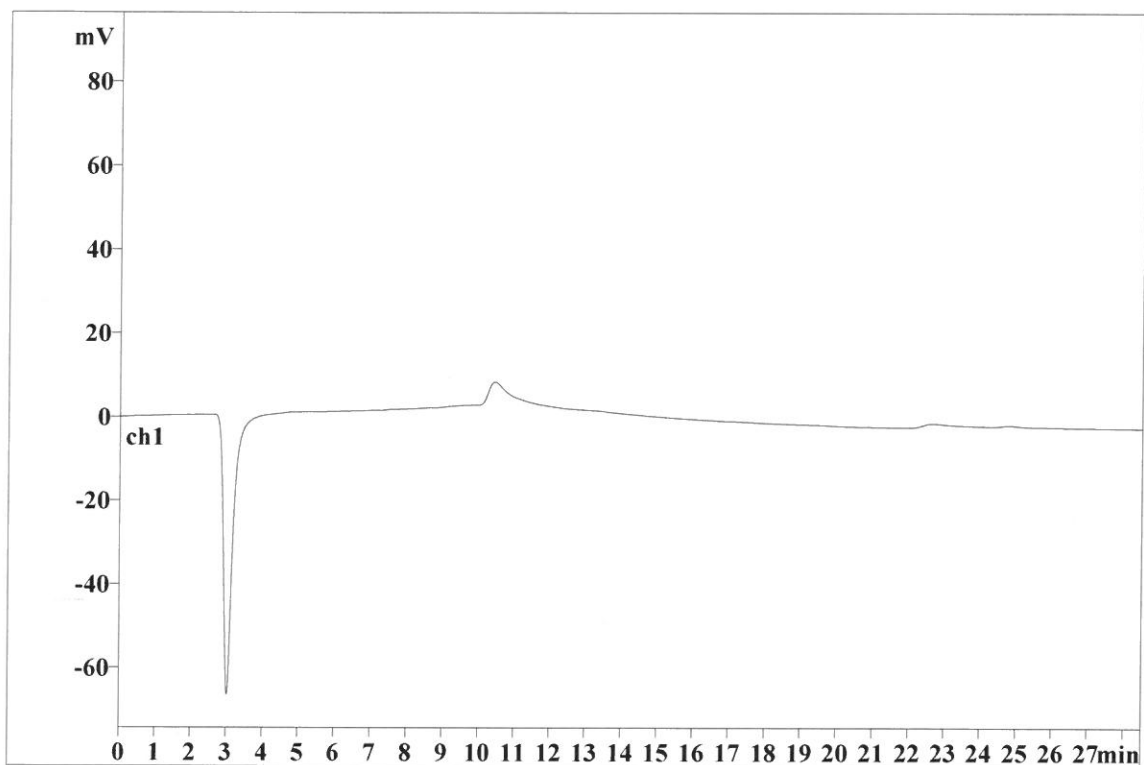
Ident: CCB
Analysis from: 1/3/2019 12:56:39 PM
File: _2019-01-03_

Last save: 1/3/2019 1:32:09 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19408

Last save: 12/20/2018 10:4

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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Report date: 1/4/2019 9:10:09 AM
Printed by: wet

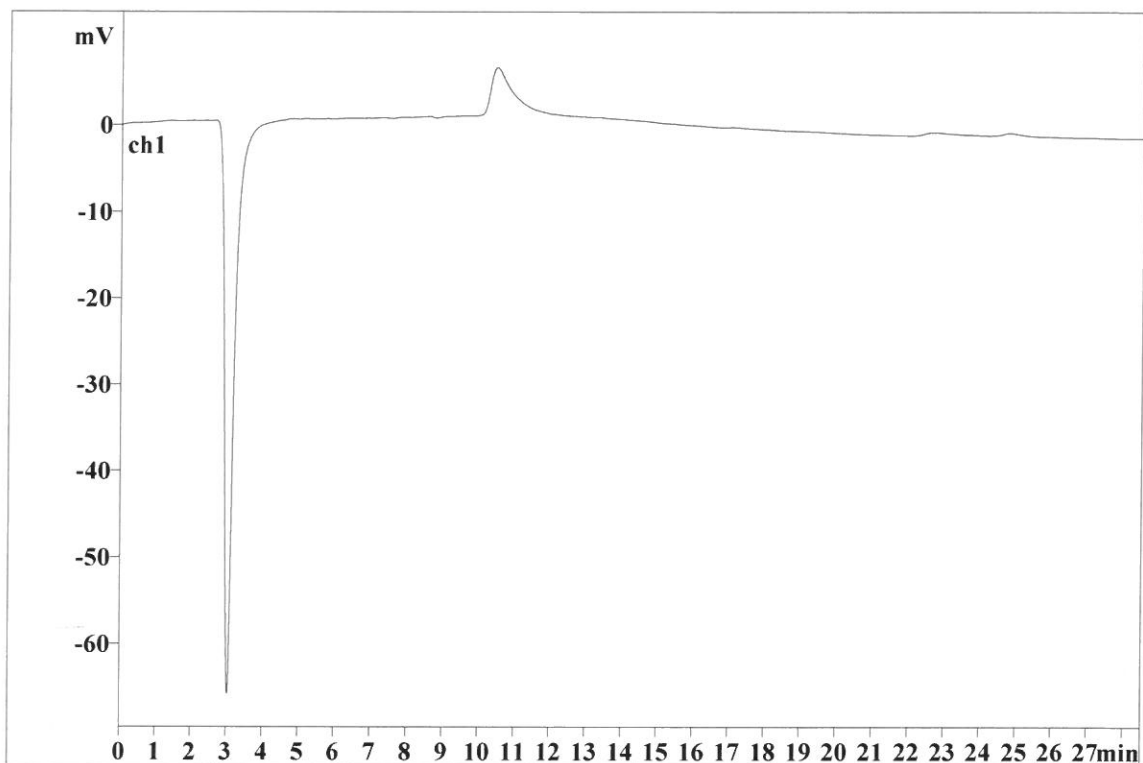
Ident: LB100150BLW
Analysis from: 1/3/2019 1:28:04 PM
File: _2019-01-03_

Last save: 1/4/2019 9:10:05 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19409

Last save: 1/4/2019 9:10:0

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: 1/4/2019 9:10:19 AM
Printed by: wet

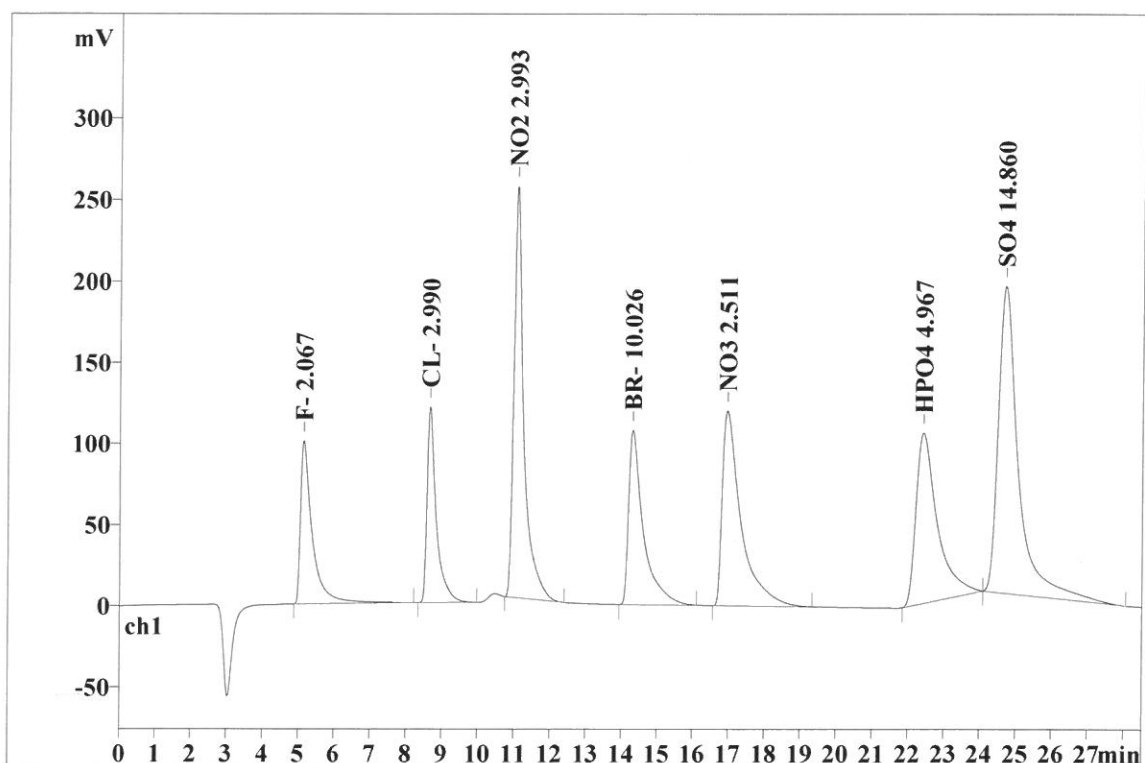
Ident: LB100150BSW
Analysis from: 1/3/2019 1:59:29 PM
File: _2019-01-03_

Last save: 1/4/2019 9:08:39 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19410

Last save: 12/20/2018 10:4

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	0.297	100.34	10.08	2290.714	8.05
2	8.67	0.236	120.37	12.10	2127.021	7.47
3	11.08	0.251	253.22	25.44	4849.822	17.04
4	14.32	0.384	107.23	10.78	3104.277	10.91
5	16.96	0.485	119.99	12.06	4343.442	15.26
6	22.42	0.575	104.95	10.55	4303.579	15.12
7	24.70	0.526	189.03	18.99	7445.109	26.16
7	28.50	0.393	995.13	100.00	28463.963	100.00

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Report date: 1/4/2019 9:11:52 AM
Printed by: wet

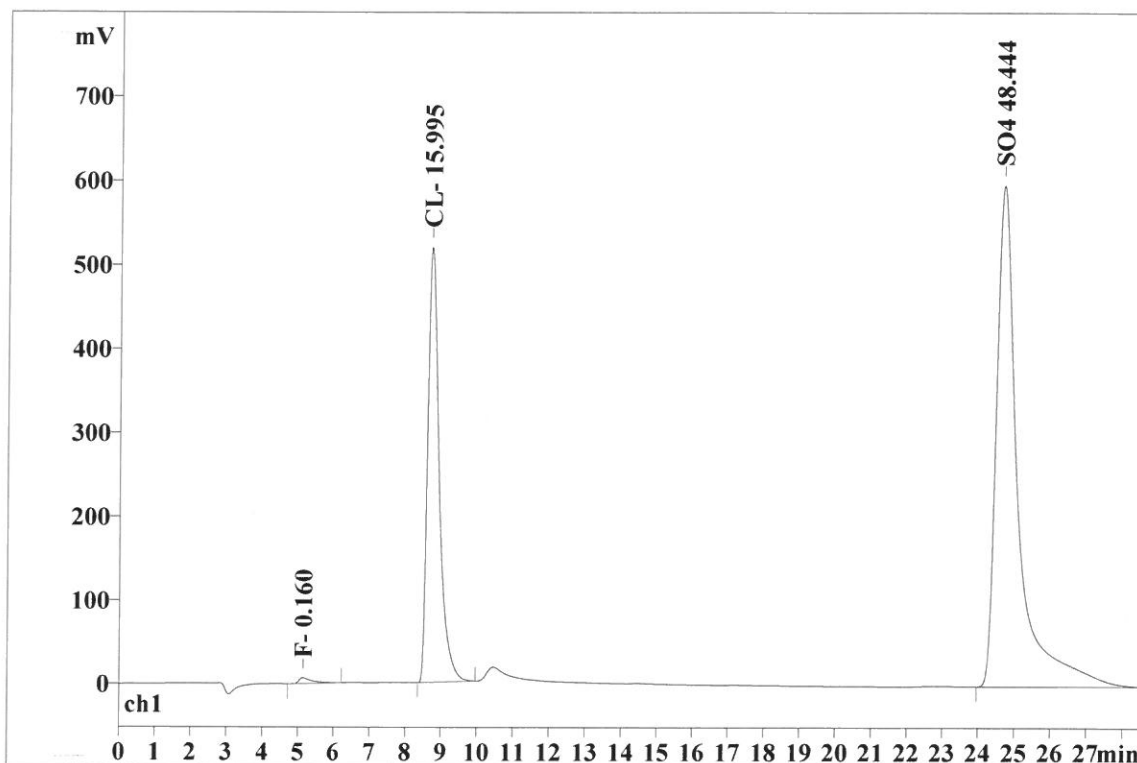
Ident: K1032-01
Analysis from: 1/3/2019 2:31:02 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19411

Last save: 12/20/2018 10:4

SAMPLE:
: AK/AP
Vial number: 22
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	0.340	6.95	0.62	175.233	0.48
2	8.70	0.325	518.87	46.18	11481.253	31.29
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	24.66	0.535	597.68	53.20	25040.422	68.24
7	28.50	0.171	1123.49	100.00	36696.909	100.00

This report has been created by IC Net
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Report date: 1/4/2019 9:12:05 AM
Printed by: wet

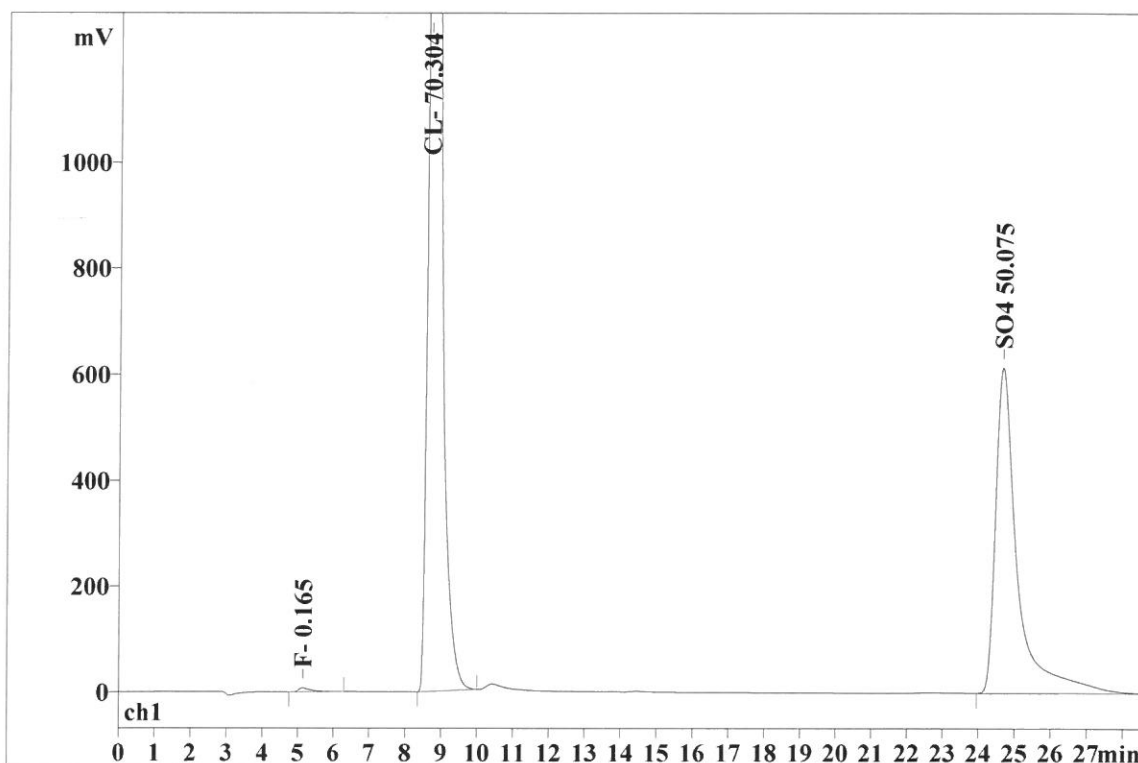
Ident: K1032-04
Analysis from: 1/3/2019 3:02:28 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19412

Last save: 12/20/2018 10:4

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	5.13	0.327	7.59	0.30	181.252	0.24
2	8.67	0.377	1921.10	75.56	50544.888	65.97
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	24.65	0.539	614.39	24.17	25894.807	33.80
7	28.50	0.178	2543.09	100.02	76620.947	100.00

This report has been created by IC Net
METROHM LTD

Report date: 1/4/2019 9:12:14 AM
Printed by: wet

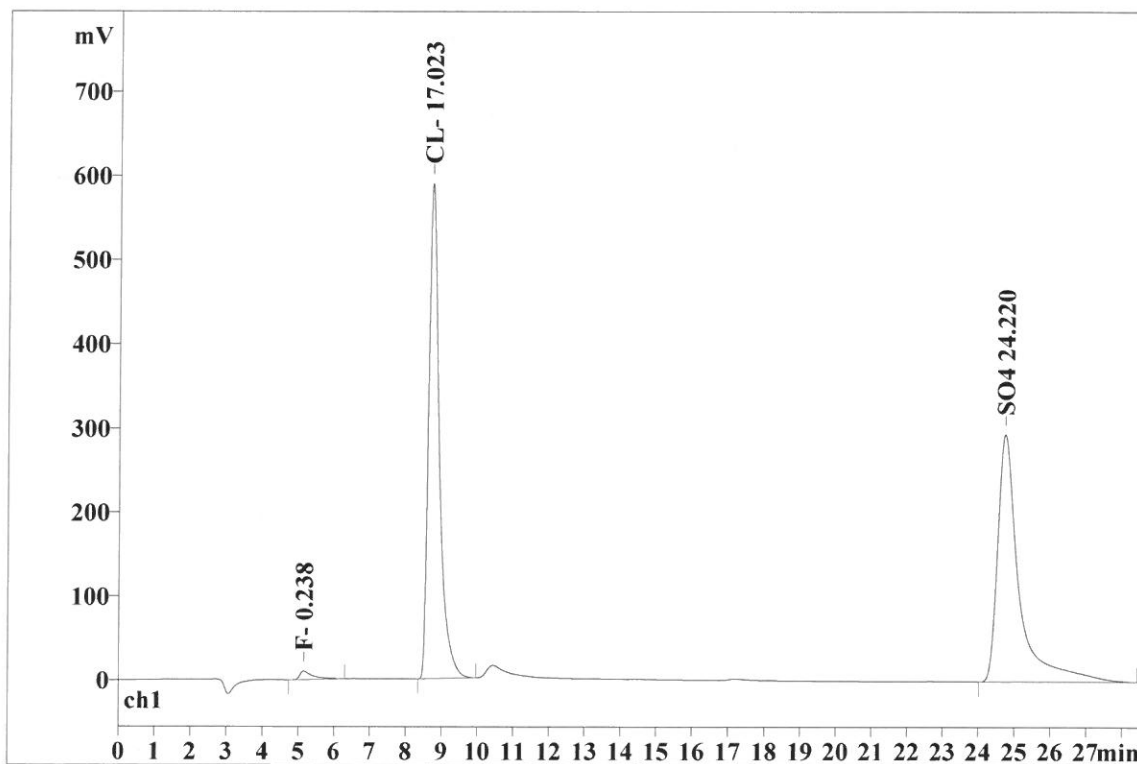
Ident: K1032-05
Analysis from: 1/3/2019 3:33:54 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19413

Last save: 12/20/2018 10:4

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	5.15	0.343	10.24	1.15	261.851	1.05
2	8.70	0.299	589.30	65.89	12220.793	49.21
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	24.72	0.531	294.80	32.96	12349.262	49.73
7	28.50	0.168	894.33	100.00	24831.906	100.00

This report has been created by IC Net
METROHM LTD

Report date: 1/4/2019 9:12:25 AM
Printed by: wet

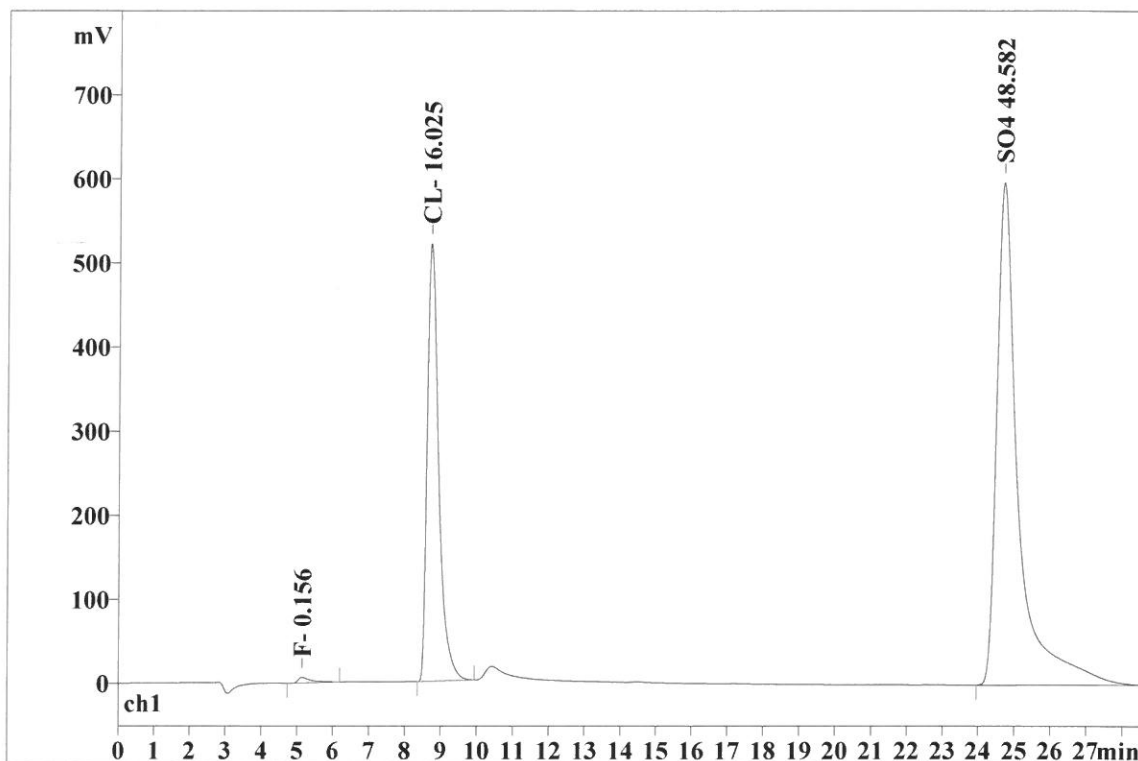
Ident: K1032-01DUP
Analysis from: 1/3/2019 4:05:26 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19414

Last save: 12/20/2018 10:4

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	5.14	0.337	6.83	0.61	171.033	0.46
2	8.71	0.325	520.53	46.28	11502.716	31.27
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	24.68	0.536	597.45	53.12	25112.803	68.27
7	28.50	0.171	1124.81	100.00	36786.551	100.00

This report has been created by IC Net
METROHM LTD

Report date: 1/4/2019 9:12:34 AM
Printed by: wet

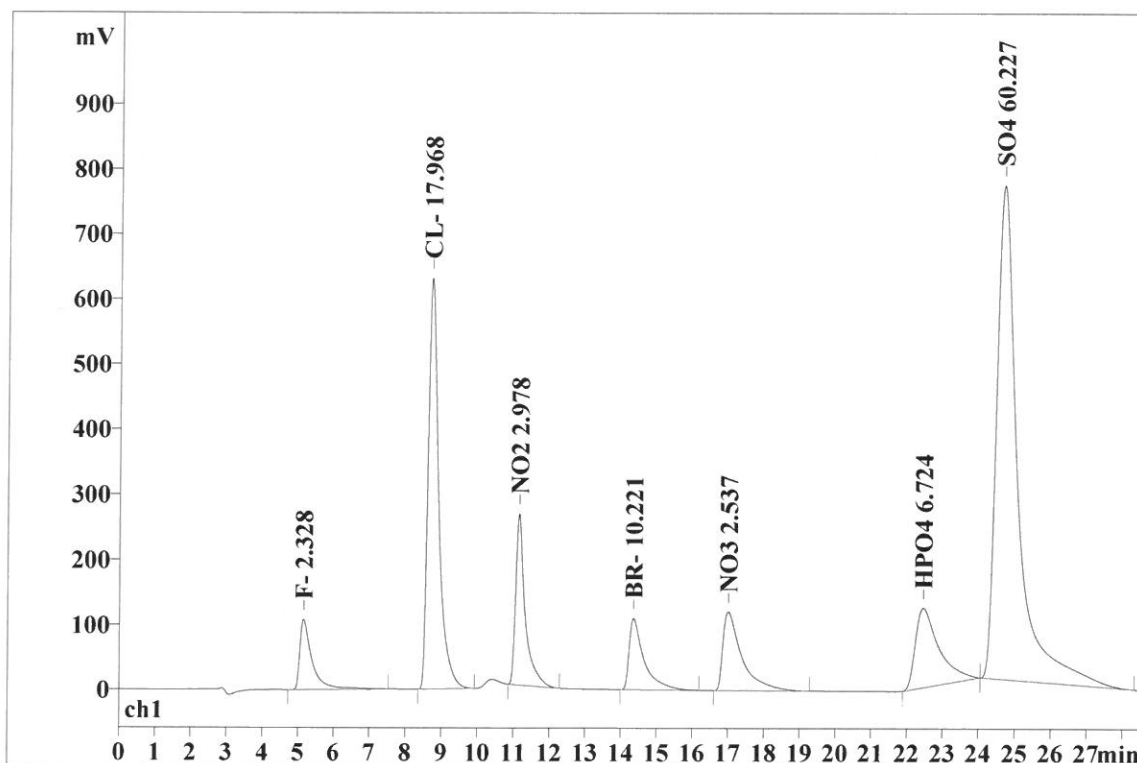
Ident: K1032-02MS
Analysis from: 1/3/2019 4:37:00 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19415

Last save: 12/20/2018 10:4

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	5.15	0.314	108.40	5.13	2579.317	3.99
2	8.70	0.294	630.70	29.83	12900.670	19.95
3	11.15	0.239	263.16	12.45	4824.107	7.46
4	14.35	0.384	109.44	5.18	3165.922	4.90
5	17.00	0.488	120.95	5.72	4389.246	6.79
6	22.45	0.650	122.59	5.80	5596.079	8.65
7	24.65	0.542	758.85	35.89	31213.643	48.27
7	28.50	0.416	2114.10	100.00	64668.983	100.00

This report has been created by IC Net
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Report date: 1/4/2019 9:12:40 AM
Printed by: wet

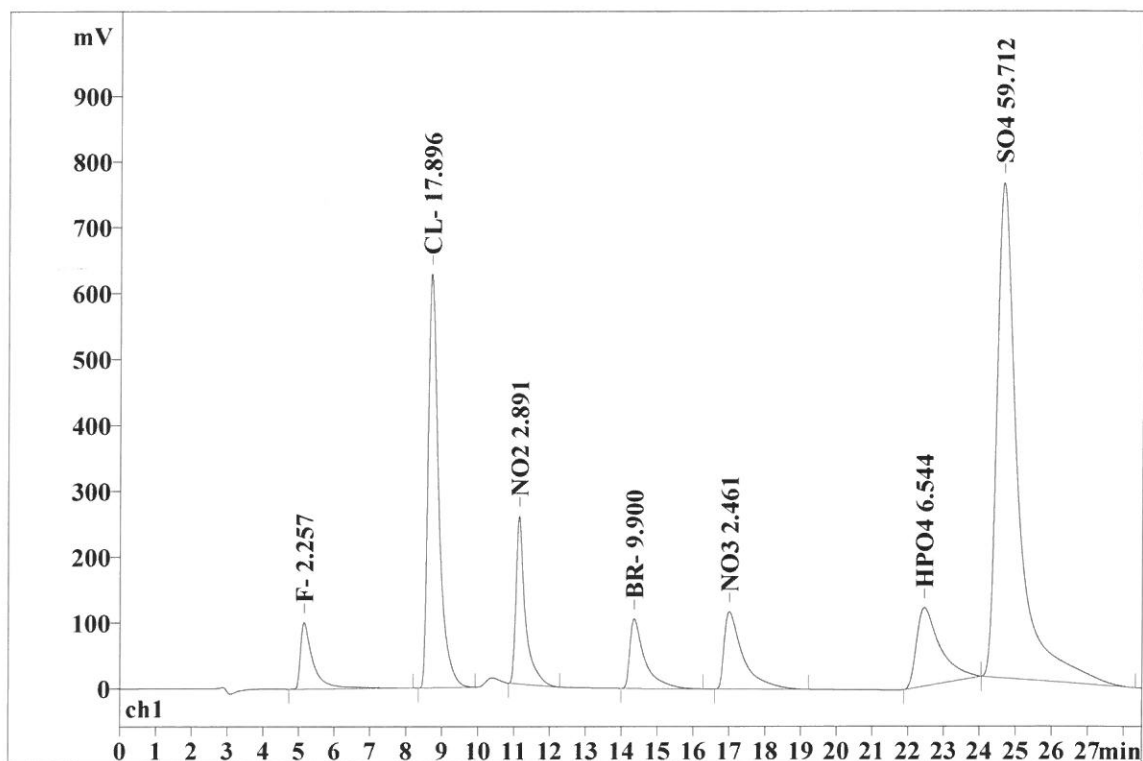
Ident: K1032-03MSD
Analysis from: 1/3/2019 5:08:26 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19416

Last save: 12/20/2018 10:4

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	5.15	0.317	101.04	4.86	2501.557	3.92
2	8.70	0.294	628.07	30.22	12848.623	20.15
3	11.15	0.239	254.84	12.26	4676.867	7.34
4	14.35	0.383	105.89	5.09	3064.135	4.81
5	17.00	0.487	117.48	5.65	4254.509	6.67
6	22.45	0.652	119.42	5.75	5463.807	8.57
7	24.65	0.542	751.50	36.16	30943.930	48.54
7	28.50	0.416	2078.23	100.00	63753.429	100.00

This report has been created by IC Net
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Report date: 1/4/2019 9:12:47 AM
Printed by: wet

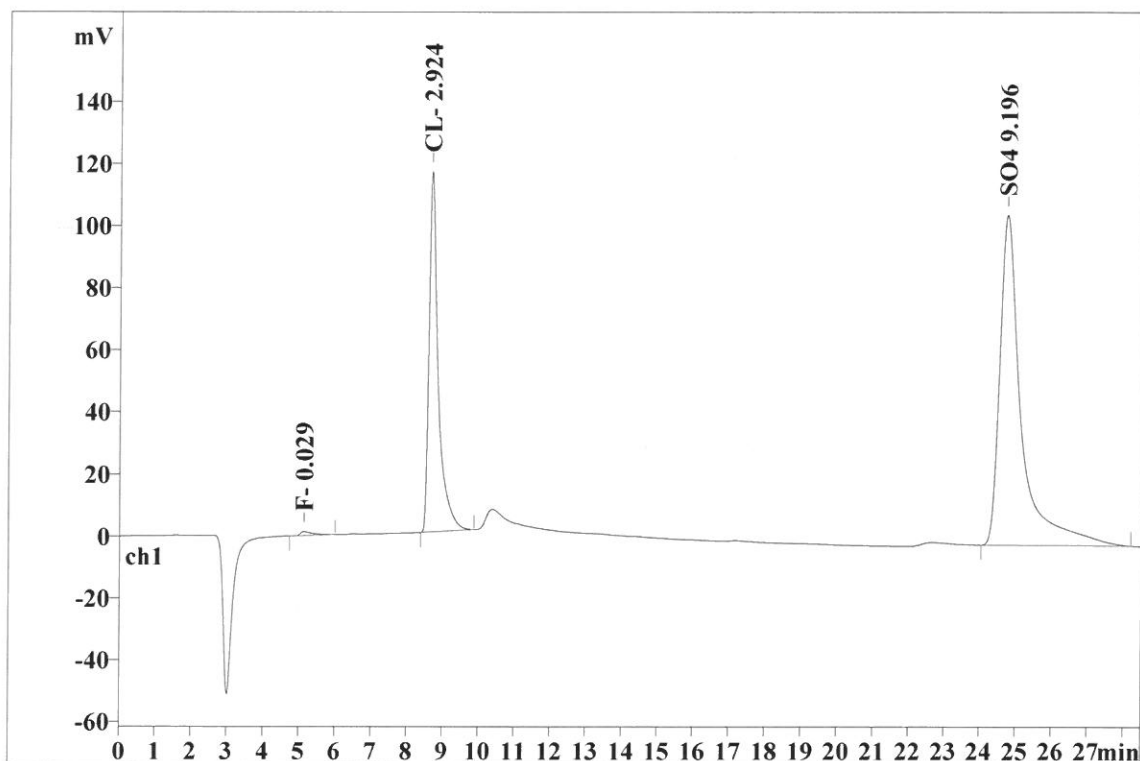
Ident: K1032-01DLX5
Analysis from: 1/3/2019 5:39:53 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19417

Last save: 12/20/2018 10:4

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height mV	Height %	Area mV*sec	Area %
1	5.14	0.330	1.31	0.59	30.946	0.47
2	8.68	0.241	115.91	51.91	2079.646	31.57
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	24.75	0.537	106.08	47.50	4477.474	67.96
7	28.50	0.158	223.31	100.00	6588.066	100.00

This report has been created by IC Net
METROHM LTD

Report date: 1/4/2019 9:12:54 AM
Printed by: wet

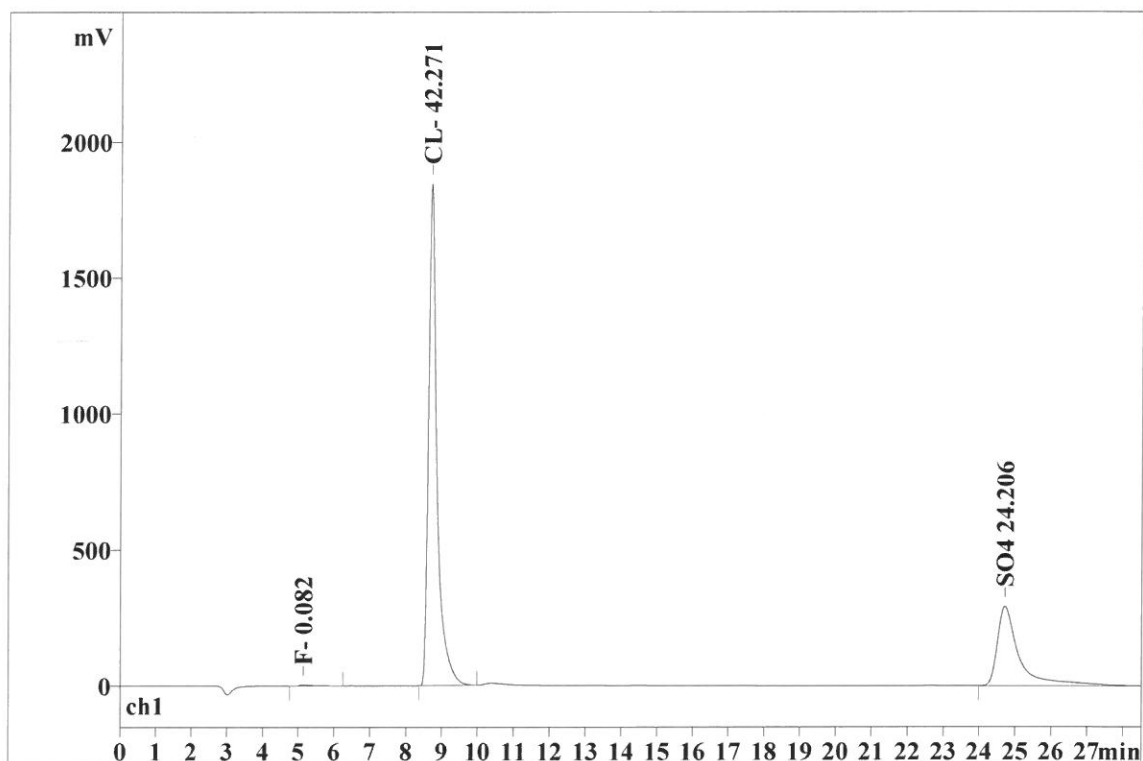
Ident: K1032-04DLX2
Analysis from: 1/3/2019 6:11:20 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19418

Last save: 12/20/2018 10:4

SAMPLE:
: AK/AP
Vial number: 30
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	0.323	3.78	0.18	89.031	0.21
2	8.70	0.220	1844.93	86.19	30380.805	70.96
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	24.72	0.537	291.77	13.63	12341.895	28.83
7	28.50	0.154	2140.47	100.00	42811.731	100.00

This report has been created by IC Net
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Report date: 1/4/2019 9:13:00 AM
Printed by: wet

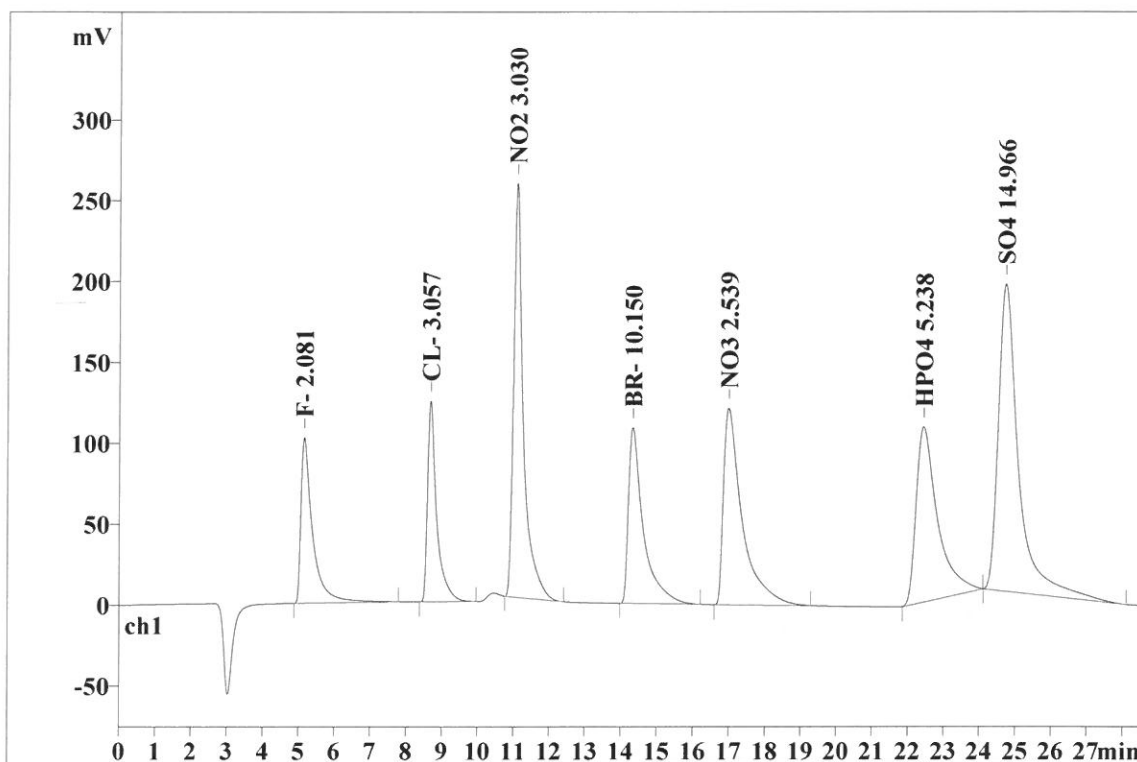
Ident: CCV
Analysis from: 1/3/2019 6:42:55 PM
File: _2019-01-03_

Last save: 1/3/2019 7:11:25 PM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19419

Last save: 12/20/2018 10:4

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	5.15	0.295	102.17	10.12	2306.170	7.97
2	8.68	0.233	124.00	12.28	2174.754	7.52
3	11.09	0.251	255.81	25.34	4912.632	16.98
4	14.33	0.383	108.58	10.75	3143.440	10.86
5	16.98	0.486	121.30	12.01	4392.115	15.18
6	22.43	0.585	108.11	10.71	4503.020	15.56
7	24.72	0.529	189.62	18.78	7500.499	25.92
7	28.50	0.395	1009.59	100.00	28932.629	100.00

This report has been created by IC Net
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Report date: 1/4/2019 9:13:05 AM
Printed by: wet

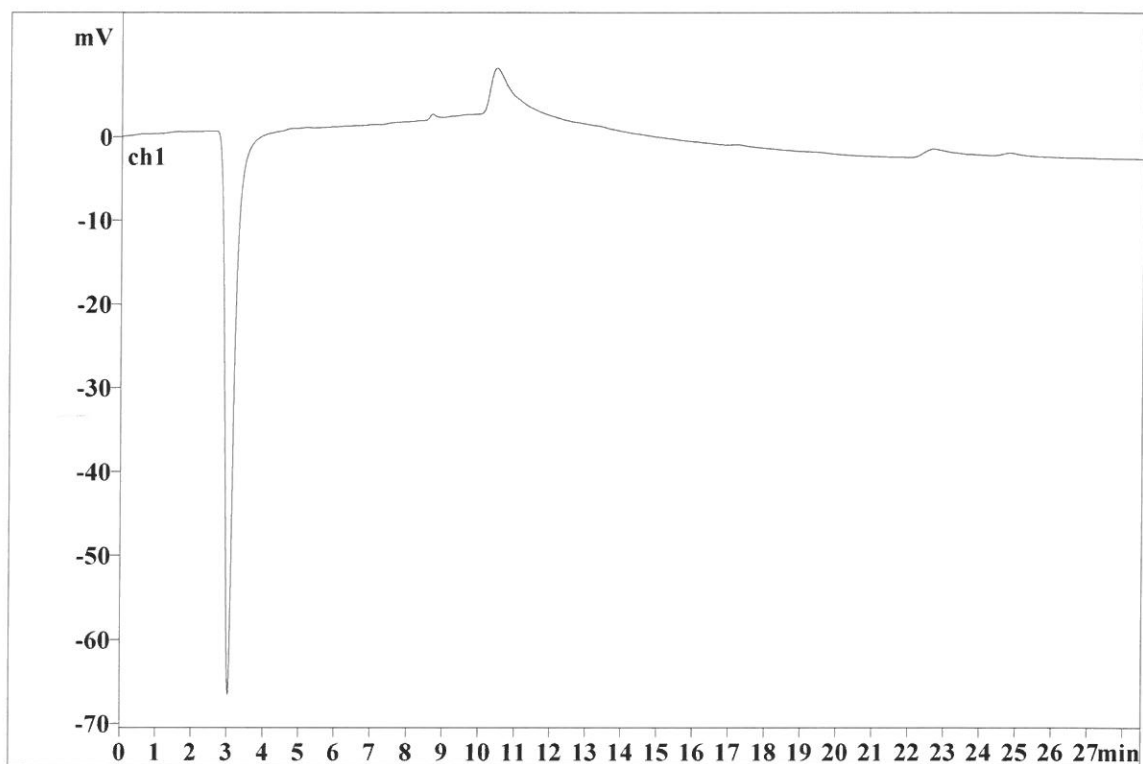
Ident: CCB
Analysis from: 1/3/2019 7:14:21 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19420

Last save: 12/20/2018 10:4

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: 1/4/2019 9:13:11 AM
Printed by: wet

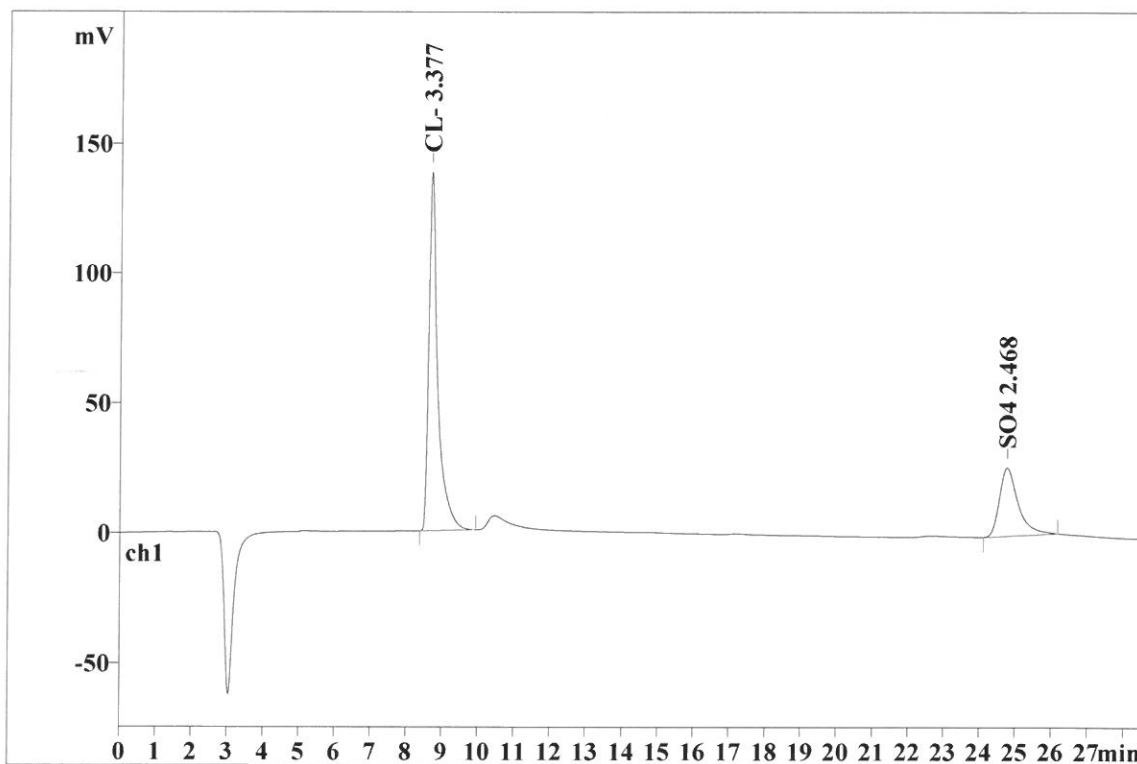
Ident: K1032-04DL2X20
Analysis from: 1/3/2019 7:45:56 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19421

Last save: 12/20/2018 10:4

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	0.00	0.000	0.00	0.00	0.000	0.00
2	8.68	0.230	138.07	84.07	2405.115	71.62
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	24.76	0.529	26.16	15.93	952.990	28.38
7	28.50	0.108	164.23	99.99	3358.104	100.00

This report has been created by IC Net
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Report date: 1/4/2019 9:13:36 AM
Printed by: wet

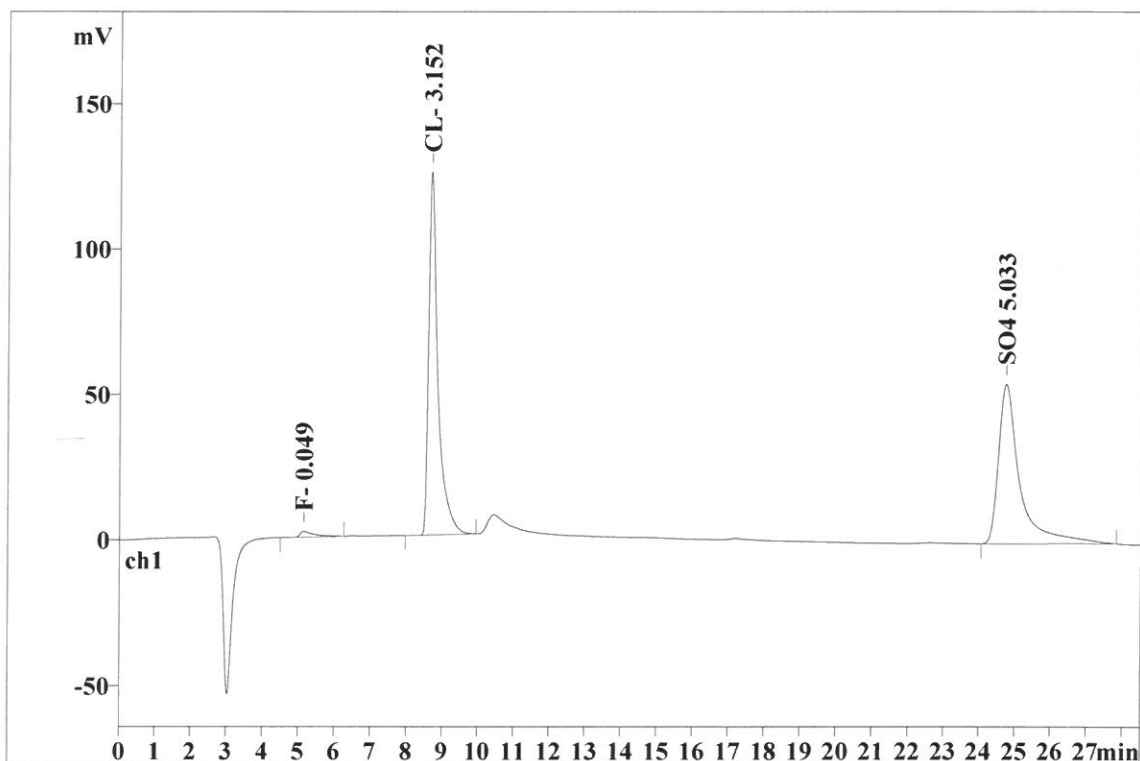
Ident: K1032-05DLX5
Analysis from: 1/3/2019 8:17:23 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19422

Last save: 12/20/2018 10:4

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	5.15	0.356	1.97	1.08	52.324	1.14
2	8.68	0.241	124.80	68.76	2243.221	48.85
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	24.75	0.540	54.73	30.15	2296.623	50.01
7—	28.50	0.162	181.51	99.99	4592.168	100.00

This report has been created by IC Net
METROHM LTD

Report date: 1/4/2019 9:13:43 AM
Printed by: wet

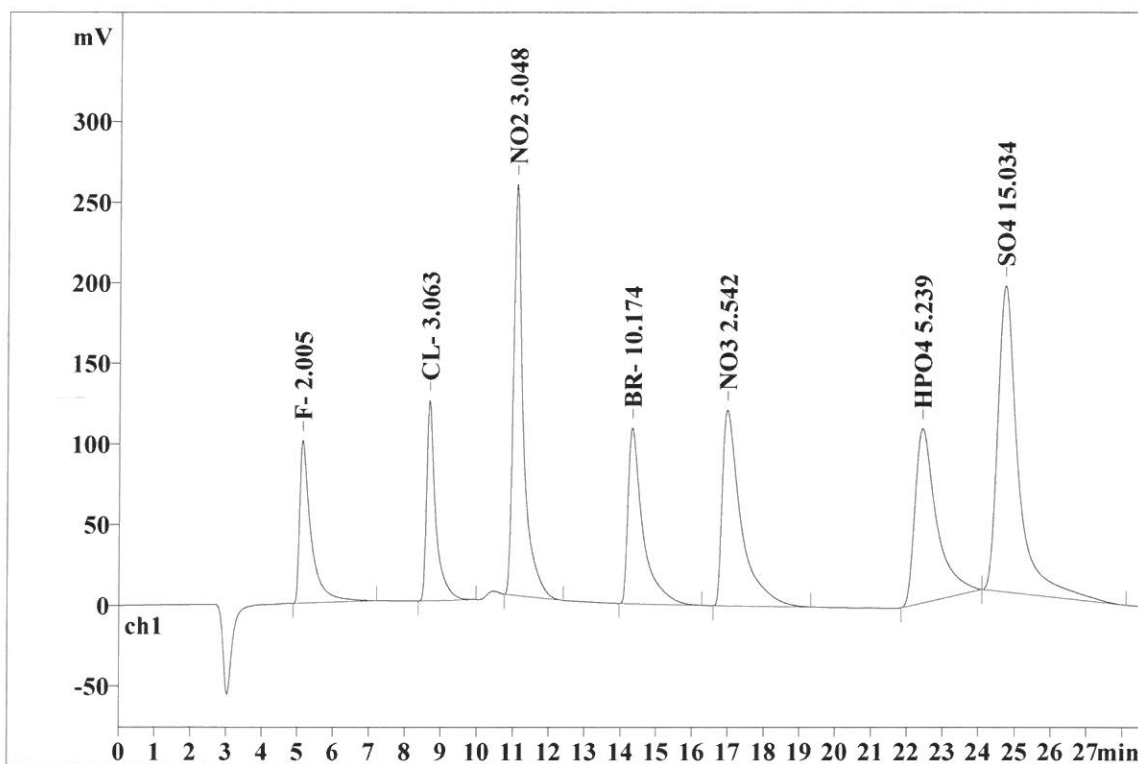
Ident: CCV
Analysis from: 1/3/2019 8:48:58 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19423

Last save: 12/20/2018 10:4

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	0.285	100.90	10.01	2221.564	7.68
2	8.67	0.233	124.00	12.30	2179.344	7.53
3	11.08	0.254	255.06	25.31	4942.305	17.08
4	14.32	0.383	108.77	10.79	3151.049	10.89
5	16.97	0.486	121.29	12.03	4397.177	15.20
6	22.42	0.585	108.05	10.72	4504.031	15.57
7	24.71	0.529	189.73	18.83	7536.112	26.05
7	28.50	0.394	1007.80	100.00	28931.582	100.00

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METROHM LTD

Report date: 1/4/2019 9:13:57 AM
Printed by: wet

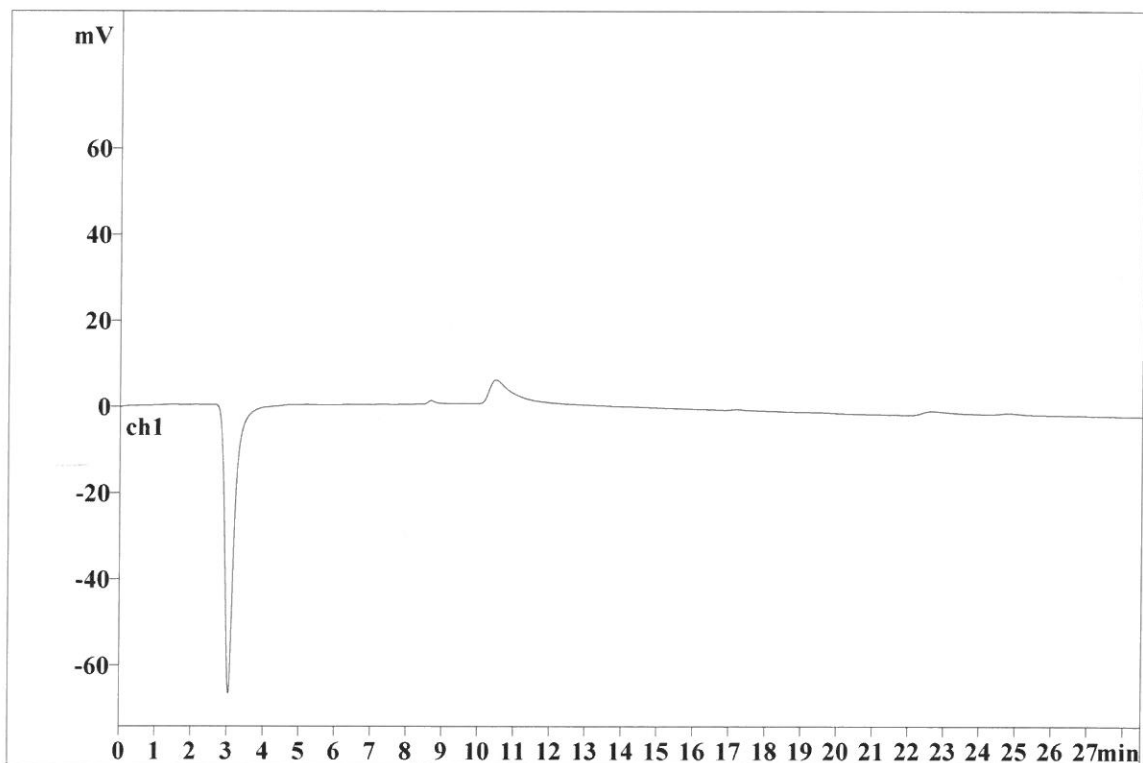
Ident: CCB
Analysis from: 1/3/2019 9:20:24 PM
File: _2019-01-03_

Last save: 1/4/2019 9:11:03 AM

Method: AnionsIC2-121718.mtw
Run operator: wet
Analysis number: 19424

Last save: 12/20/2018 10:4

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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