

Clear table

IC-1 3000
6-11-19 AK

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	2019-05-23	5/23/19 14:53		AK/AP
STD2	0.2780	0.3730	0.3800	1.1760	0.3180	0.3750	2.0660	2019-05-23	5/23/19 15:26		AK/AP
STD3	0.4220	0.6650	0.6490	2.0710	0.5360	0.9930	3.3360	2019-05-23	5/23/19 15:59		AK/AP
STD4	0.7420	1.1850	1.2080	3.9050	0.9960	2.1940	6.0650	2019-05-23	5/23/19 16:32		AK/AP
STD5	1.9600	2.8070	2.8510	9.9200	2.3930	5.0950	13.8990	2019-05-23	5/23/19 17:05		AK/AP
STD6	3.9120	6.0250	5.8900	19.5490	4.8830	9.6320	29.1940	2019-05-23	5/23/19 17:38		AK/AP
STD7	5.0850	7.5450	7.6360	25.3790	6.3740	12.7120	38.4410	2019-05-23	5/23/19 18:11		AK/AP
ICV	1.9630	2.8720	2.9310	9.4920	2.4330	5.2280	14.8160	2019-05-23	5/23/19 18:43		AK/AP
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-05-23	5/23/19 19:16		AK/AP
CCV	2.0330	2.9390	3.0730	9.8360	2.5210	5.3200	14.7520	2019-06-07	6/7/19 9:26		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 9:58		AK/AP
LB103292BLW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 10:38		AK/AP
LB103292BSW	1.9720	2.8790	3.0090	9.4300	2.3480	5.0590	13.9640	2019-06-07	6/7/19 11:11		AK/AP
K3249-02	0.0000	0.7820	0.0000	0.0000	0.1480	0.0000	1.1100	2019-06-07	6/7/19 11:48		AK/AP
K3249-04	0.0000	37.4960	0.0000	0.0000	6.0350	0.0000	17.4580	2019-06-07	6/7/19 12:20		AK/AP
K3249-06	0.0000	40.7780	0.0000	0.0000	6.4000	0.0000	25.5440	2019-06-07	6/7/19 12:51		AK/AP
K3249-11	0.0000	35.3260	0.0000	0.0000	5.9220	0.0000	6.6810	2019-06-07	6/7/19 13:23		AK/AP
K3249-09	0.0000	40.9740	0.0000	0.0000	6.4070	0.0000	25.8000	2019-06-07	6/7/19 13:55		AK/AP
K3249-08	0.0000	33.2220	0.0000	0.4100	4.1290	0.0000	18.2670	2019-06-07	6/7/19 14:27		AK/AP
K3249-14	0.0000	100.1630	0.0000	0.0000	5.7460	0.0000	10.9350	2019-06-07	6/7/19 14:59		AK/AP
K3249-16	0.0000	56.7070	0.0000	0.0000	3.2230	0.0000	28.7550	2019-06-07	6/7/19 15:31		AK/AP
CCV	1.9650	2.8980	3.0800	9.6690	2.4150	5.1280	14.6350	2019-06-07	6/7/19 16:10		AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 16:41		AK/AP
K3249-12	0.0000	99.9780	0.0000	0.0000	5.6760	0.0000	10.7690	2019-06-07	6/7/19 17:13		AK/AP
K3249-05	0.0000	65.5200	0.0000	0.9290	6.9440	0.0000	37.9620	2019-06-07	6/7/19 17:45		AK/AP
K3249-18	0.0000	58.3810	0.0000	0.0000	3.1560	0.0000	28.5210	2019-06-07	6/7/19 18:17		AK/AP
K3249-20	0.0000	869.0130	0.0000	0.3950	1.9140	0.0000	22.0980	2019-06-07	6/7/19 18:48		AK/AP
K3249-20DUP	0.0000	849.0180	0.0000	0.0000	1.9060	0.0000	22.5210	2019-06-07	6/7/19 19:20		AK/AP
K3249-20MS	2.4380	765.5770	2.1530	10.1330	4.4160	7.7950	36.2980	2019-06-07	6/7/19 19:52		AK/AP
K3249-20MSD	2.3410	769.9710	2.0540	9.7400	4.2720	7.7080	35.7100	2019-06-07	6/7/19 20:24		AK/AP
K3190-10DLX10	0.0000	4.3790	0.0000	0.0000	0.6460	0.0000	4.5800	2019-06-07	6/7/19 20:56		AK/AP
K3190-02DLX10	0.0000	3.9720	0.0000	0.0000	0.5810	0.0000	3.1650	2019-06-07	6/7/19 21:28		AK/AP
K3190-04DLX2	0.0000	3.9820	0.0000	0.0000	2.2540	0.0000	3.3610	2019-06-07	6/7/19 22:00		AK/AP
CCV	2.0350	2.9060	3.0190	9.6450	2.4150	5.1650	14.3510	2019-06-07	6/7/19 22:32		AK/AP

CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 23:04	AK/AP
LB103292BLW2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-07	6/7/19 23:36	AK/AP
LB103292BSW2	2.0860	2.9550	3.0850	9.9070	5.3660	14.3930	2019-06-08	6/8/19 0:08	AK/AP				
K3190-06DLX5	0.0000	3.2740	0.0000	0.0000	0.0000	1.8550	2019-06-08	6/8/19 1:11	AK/AP				
K3190-08DLX2X10	0.0000	4.2440	0.0000	0.0000	0.0000	4.5840	2019-06-08	6/8/19 1:43	AK/AP				
K3190-15DLX10	0.0000	5.2940	0.0000	0.0000	0.0000	1.2770	2019-06-08	6/8/19 2:15	AK/AP				
K3190-18DLX2	0.0000	4.3410	0.0000	0.0000	0.0000	2.9590	2019-06-08	6/8/19 2:47	AK/AP				
K3221-06DLX10	0.0000	5.0810	0.0000	0.0000	0.0000	2.8350	2019-06-08	6/8/19 3:19	AK/AP				
K3221-07DLX20	0.0000	5.2620	0.0000	0.0000	0.0000	1.2990	2019-06-08	6/8/19 3:51	AK/AP				
K3221-08DLX5	0.0000	3.2140	0.0000	0.0000	0.0000	2.6420	2019-06-08	6/8/19 4:23	AK/AP				
CCV	2.0970	2.9030	3.0230	9.8630	5.4430	14.4030	2019-06-08	6/8/19 4:55	AK/AP				
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 5:27	AK/AP				
K3221-04DLX50	0.0000	3.3140	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 6:37	AK/AP				
K3279-03	0.0000	102.2590	0.0000	0.0000	0.0000	17.9930	2019-06-08	6/8/19 7:10	AK/AP				
K3279-02	0.2080	72.3470	0.0000	0.0000	0.0000	9.8230	2019-06-08	6/8/19 7:42	AK/AP				
K3249-06DLX2	0.0000	18.3720	0.0000	0.0000	0.0000	12.3500	2019-06-08	6/8/19 8:14	AK/AP				
K3249-09DLX2	0.0000	18.6150	0.0000	0.0000	0.0000	12.3020	2019-06-08	6/8/19 8:46	AK/AP				
K3249-05DLX2	0.0000	31.0930	0.0000	0.0000	0.0000	18.2790	2019-06-08	6/8/19 9:18	AK/AP				
K3265-13	0.0000	44249.0470	0.0000	0.0000	587.4080	290.6780	2019-06-08	6/8/19 9:50	AK/AP				
K3279-05	0.0000	38.5930	0.0000	0.0000	0.0000	6.4440	2019-06-08	6/8/19 10:22	AK/AP				
K3279-04	0.0000	71.1180	0.0000	0.0000	0.0000	13.7290	2019-06-08	6/8/19 10:54	AK/AP				
K3279-07	0.0000	50.0530	0.0000	0.0000	0.0000	25.3760	2019-06-08	6/8/19 11:26	AK/AP				
CCV	1.9170	2.8730	2.9320	9.6380	5.1350	14.0420	2019-06-08	6/8/19 11:57	AK/AP				
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 12:29	AK/AP				
LB103292BLW3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 13:01	AK/AP				
LB103292BSW3	1.9840	2.8510	2.9930	9.4120	5.1940	14.1850	2019-06-08	6/8/19 13:33	AK/AP				
K3249-14DLX20	0.0000	3.7590	0.0000	0.0000	0.0000	1.1750	2019-06-08	6/8/19 14:05	AK/AP				
K3249-16DLX10	0.0000	4.5440	0.0000	0.0000	0.0000	3.3020	2019-06-08	6/8/19 14:37	AK/AP				
K3279-06	0.0000	60.8740	0.0000	0.0000	0.0000	18.1810	2019-06-08	6/8/19 15:09	AK/AP				
K3279-09	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 15:41	AK/AP				
K3279-08	0.6800	14.9350	0.3100	0.0000	0.0320	11.8570	2019-06-08	6/8/19 16:13	AK/AP				
CCV	2.0300	2.8550	2.9310	9.5260	5.0940	13.9920	2019-06-08	6/8/19 18:20	AK/AP				
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 18:52	AK/AP				
K3190-07DLX50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 19:24	AK/AP				
K3221-11DLX20	0.0000	3.5310	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 19:56	AK/AP				
K3221-16DLX20	0.0000	5.3290	0.0000	0.0000	0.0000	1.2530	2019-06-08	6/8/19 20:28	AK/AP				
K3221-09DLX50	0.0000	3.4890	0.0000	0.0000	0.0000	1.2320	2019-06-08	6/8/19 21:00	AK/AP				
K3221-13DLX20	0.0000	3.4040	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 21:32	AK/AP				
K3221-14DLX10	0.0000	4.4840	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 22:04	AK/AP				
K3221-15DLX20	0.0000	4.1910	0.0000	0.0000	0.0000	0.0000	2019-06-08	6/8/19 22:36	AK/AP				
K3249-04DLX10	0.0000	5.2200	0.0000	0.0000	0.0000	1.4480	2019-06-08	6/8/19 23:07	AK/AP				
K3249-06DLX2X10	0.0000	2.9280	0.0000	0.0000	0.0000	2.2520	2019-06-08	6/8/19 23:39	AK/AP				
K3249-11DLX10	0.0000	3.3020	0.0000	0.0000	0.0000	2.9010	2019-06-08	6/8/19 23:39	AK/AP				
	0.0000	2.7860	0.0000	0.0000	0.0000	1.2710	2019-06-09	6/9/19 0:11	AK/AP				

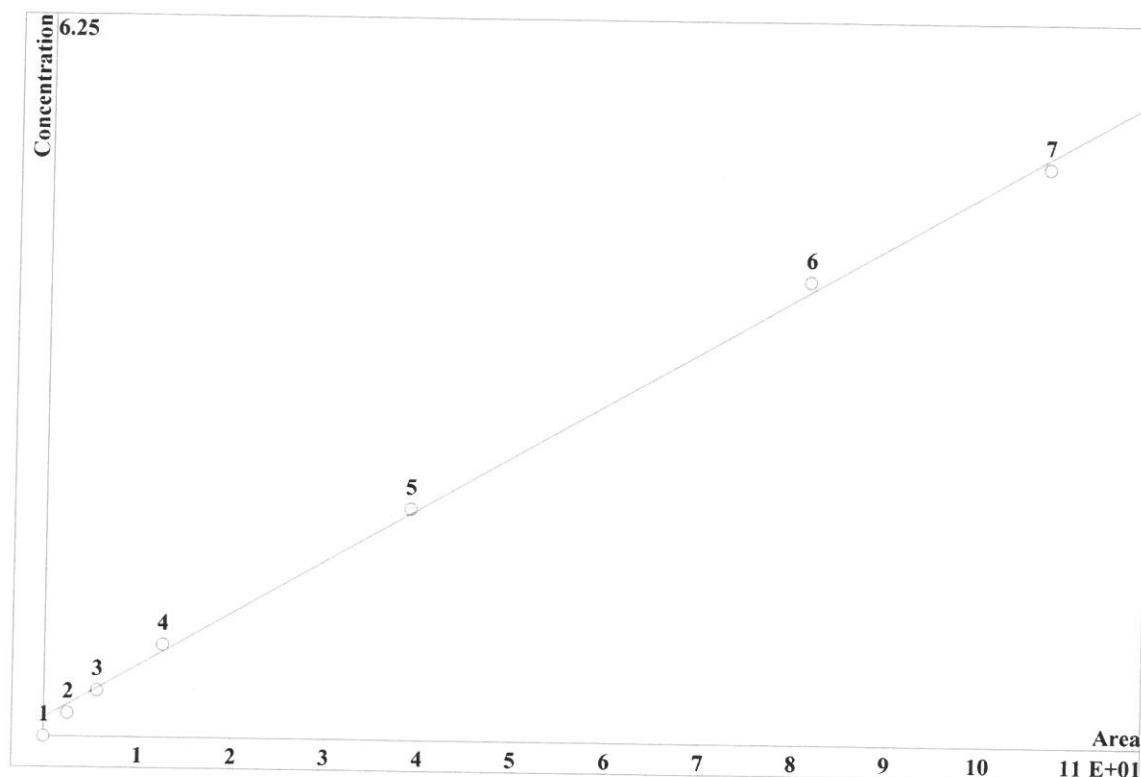
CCV	2.0720	2.8910	2.9280	9.4270	2.3810	5.4380	14.1550	2019-06-09	6/9/19 0:43	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 1:15	AK/AP
LB103292BLW4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 1:47	AK/AP
LB103292BSW4	2.0910	2.8320	2.9770	9.4150	2.3620	5.4550	14.1660	2019-06-09	6/9/19 2:19	AK/AP
K3249-09DL2X10	0.0000	3.1440	0.0000	0.0000	0.6460	0.0000	2.9330	2019-06-09	6/9/19 2:51	AK/AP
K3249-08DLX10	0.0000	2.6870	0.0000	0.0000	0.4330	0.0000	2.3150	2019-06-09	6/9/19 3:23	AK/AP
K3249-14DLX20	0.0000	3.7610	0.0000	0.0000	0.3100	0.0000	1.1780	2019-06-09	6/9/19 3:55	AK/AP
K3249-16DLX10	0.0000	4.3920	0.0000	0.0000	0.3690	0.0000	3.3640	2019-06-09	6/9/19 4:26	AK/AP
K3249-05DL2X10	0.0000	5.0270	0.0000	0.0000	0.6700	0.0000	3.9440	2019-06-09	6/9/19 4:58	AK/AP
K3249-20DLX200	0.0000	2.9030	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 6:07	AK/AP
K3249-18DLX10	0.0000	4.3560	0.0000	0.0000	0.3530	0.0000	3.2050	2019-06-09	6/9/19 6:39	AK/AP
K3279-06DLX2	0.0000	27.2060	0.0000	0.0000	3.2720	0.0000	9.3000	2019-06-09	6/9/19 7:18	AK/AP
CCV	1.9030	2.8810	2.9130	9.3860	2.4070	5.3240	14.1800	2019-06-09	6/9/19 7:50	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 8:22	AK/AP
K3280-12	0.0000	157.9310	0.0000	1.3750	3.1950	0.0000	20.1560	2019-06-09	6/9/19 8:53	AK/AP
K3280-05	0.2220	28.4840	0.0000	0.0000	0.5730	0.0000	4.7290	2019-06-09	6/9/19 9:25	AK/AP
K3280-11	0.0000	157.4300	0.0000	1.3680	3.2010	0.0000	20.0430	2019-06-09	6/9/19 9:57	AK/AP
K3280-03	0.0000	37.7850	0.0000	0.0000	4.9980	0.0000	37.1030	2019-06-09	6/9/19 10:29	AK/AP
K3280-07	0.0000	61.9240	0.0000	0.5490	2.5920	0.0000	12.6060	2019-06-09	6/9/19 11:01	AK/AP
K3280-04	0.0000	218.8570	0.0000	0.4390	4.3760	0.0000	13.8240	2019-06-09	6/9/19 11:33	AK/AP
K3280-06	0.0000	7.7820	0.0000	0.0000	0.8290	0.0000	5.6840	2019-06-09	6/9/19 12:05	AK/AP
K3280-08	0.0000	156.1840	0.0000	1.3930	3.2510	0.0000	20.0510	2019-06-09	6/9/19 12:37	AK/AP
K3280-02	0.0000	9.9340	0.0000	0.0000	3.7510	0.0000	56.5400	2019-06-09	6/9/19 13:09	AK/AP
K3280-02DUP	0.0000	9.9850	0.0000	0.0000	3.7530	0.0000	56.0840	2019-06-09	6/9/19 13:41	AK/AP
CCV	1.9320	2.8820	2.9370	9.4870	2.3780	5.3040	14.0710	2019-06-09	6/9/19 14:12	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 14:44	AK/AP
LB103292BLW5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 15:16	AK/AP
LB103292BSW5	2.0140	2.8540	2.9400	9.4710	2.3670	5.4310	14.3390	2019-06-09	6/9/19 15:48	AK/AP
K3253-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 16:20	AK/AP
K3254-01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 16:52	AK/AP
K3279-06DUP	0.0000	60.2900	0.0000	0.4090	6.9900	0.0000	18.7500	2019-06-09	6/9/19 17:24	AK/AP
K3279-06MS	2.4190	57.6430	3.1120	10.3930	9.3990	7.4310	32.6660	2019-06-09	6/9/19 17:56	AK/AP
K3279-06MSD	2.2380	58.9630	3.0410	10.1070	9.3330	7.2200	31.9980	2019-06-09	6/9/19 18:28	AK/AP
K3249-12DLX20	0.0000	3.8710	0.0000	0.0000	0.3240	0.0000	1.1970	2019-06-09	6/9/19 19:00	AK/AP
K3279-03DLX20	0.0000	3.8030	0.0000	0.0000	0.0000	0.0000	1.5090	2019-06-09	6/9/19 19:32	AK/AP
K3279-02DLX10	0.0000	5.6710	0.0000	0.0000	0.2100	0.0000	1.5360	2019-06-09	6/9/19 20:03	AK/AP
CCV	2.0770	2.9590	2.9550	9.5950	2.3910	5.4210	14.5030	2019-06-09	6/9/19 20:35	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2019-06-09	6/9/19 21:07	AK/AP
K3280-02MS	2.3400	12.7200	3.0260	9.6820	6.0000	6.5740	69.0130	2019-06-09	6/9/19 21:39	AK/AP
K3280-02MSD	2.3400	12.5510	3.1120	10.2550	6.0950	7.1760	68.3440	2019-06-09	6/9/19 22:11	AK/AP
K3279-05DLX10	0.0000	2.9870	0.0000	0.0000	0.1570	0.0000	1.2540	2019-06-09	6/9/19 23:47	AK/AP
K3279-04DLX10	0.0000	5.4920	0.0000	0.0000	0.5540	0.0000	1.8900	2019-06-10	6/10/19 0:19	AK/AP
K3279-07DLX10	0.0000	4.0520	0.0000	0.0000	0.3120	0.0000	2.9430	2019-06-10	6/10/19 0:51	AK/AP

K3279-08DLX5	0.0000	2.7730	0.0000	0.0000	0.6700	0.0000	3.0140	_2019-06-10_	6/10/19 1:54	AK/AP
CCV	2.0750	2.8950	3.0260	9.6890	2.4200	5.2600	14.2250	_2019-06-10_	6/10/19 2:26	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-06-10_	6/10/19 2:58	AK/AP
CCV	2.0110	2.8660	3.0460	9.6750	2.4200	5.3160	14.2700	_2019-06-10_	6/10/19 8:55	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-06-10_	6/10/19 9:26	AK/AP
LB103292BLW6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-06-10_	6/10/19 9:58	AK/AP
K3279-06DL2X10	0.0000	4.5840	0.0000	0.0000	0.6860	0.0000	2.3090	_2019-06-10_	6/10/19 11:02	AK/AP
K3280-12DLX20	0.0000	5.9270	0.0000	0.0000	0.2310	0.0000	1.6040	_2019-06-10_	6/10/19 11:34	AK/AP
K3280-05DLX5	0.0000	4.8610	0.0000	0.0000	0.1770	0.0000	1.4950	_2019-06-10_	6/10/19 12:06	AK/AP
K3280-11DLX20	0.0000	5.5280	0.0000	0.0000	0.2250	0.0000	1.5790	_2019-06-10_	6/10/19 12:38	AK/AP
K3280-03DLX5	0.0000	6.4070	0.0000	0.0000	0.9910	0.0000	7.1680	_2019-06-10_	6/10/19 13:10	AK/AP
K3280-02DLX10	0.0000	4.2860	0.0000	0.0000	0.3210	0.0000	1.8360	_2019-06-10_	6/10/19 13:42	AK/AP
K3280-04DLX50	0.0000	3.1210	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-06-10_	6/10/19 14:33	AK/AP
K3280-06DLX2	0.0000	3.7830	0.0000	0.0000	0.4600	0.0000	3.1370	_2019-06-10_	6/10/19 15:05	AK/AP
CCV	2.2700	2.8840	2.9770	9.6170	2.4530	5.4330	14.2620	_2019-06-10_	6/10/19 16:52	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-06-10_	6/10/19 17:23	AK/AP
LB103292BSW6	2.0190	2.8810	2.9830	9.5760	2.4180	5.4770	14.2400	_2019-06-10_	6/10/19 17:55	AK/AP
K3280-09MS	2.2750	143.3940	2.9390	10.6760	5.5160	7.5310	33.6600	_2019-06-10_	6/10/19 18:26	AK/AP
K3280-10MSD	2.3480	143.1590	2.9610	10.7580	5.5870	7.9270	33.9510	_2019-06-10_	6/10/19 18:58	AK/AP
K3280-08DLX20	0.0000	5.9470	0.0000	0.0000	0.2270	0.0000	1.5850	_2019-06-10_	6/10/19 19:29	AK/AP
K3280-02DLX2	0.0000	4.9320	0.0000	0.0000	1.8470	0.0000	26.3340	_2019-06-10_	6/10/19 20:00	AK/AP
CCV	2.0230	2.9340	3.0350	9.6080	2.4180	5.4870	14.3230	_2019-06-10_	6/10/19 21:03	AK/AP
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	_2019-06-10_	6/10/19 21:35	AK/AP

CALIBRATION OF COMPONENT F-

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.922718 \cdot A + 3.24068$
 RSD: 3.945 %
 Correlation coefficient: 0.999342

IC-1 Cal
 05/23/19
 AK



K3 = 0 K2 = 0 K1 = 0.922718 K0 = 3.24068

Base: Area

Ref.channel: Cond

ISTD:

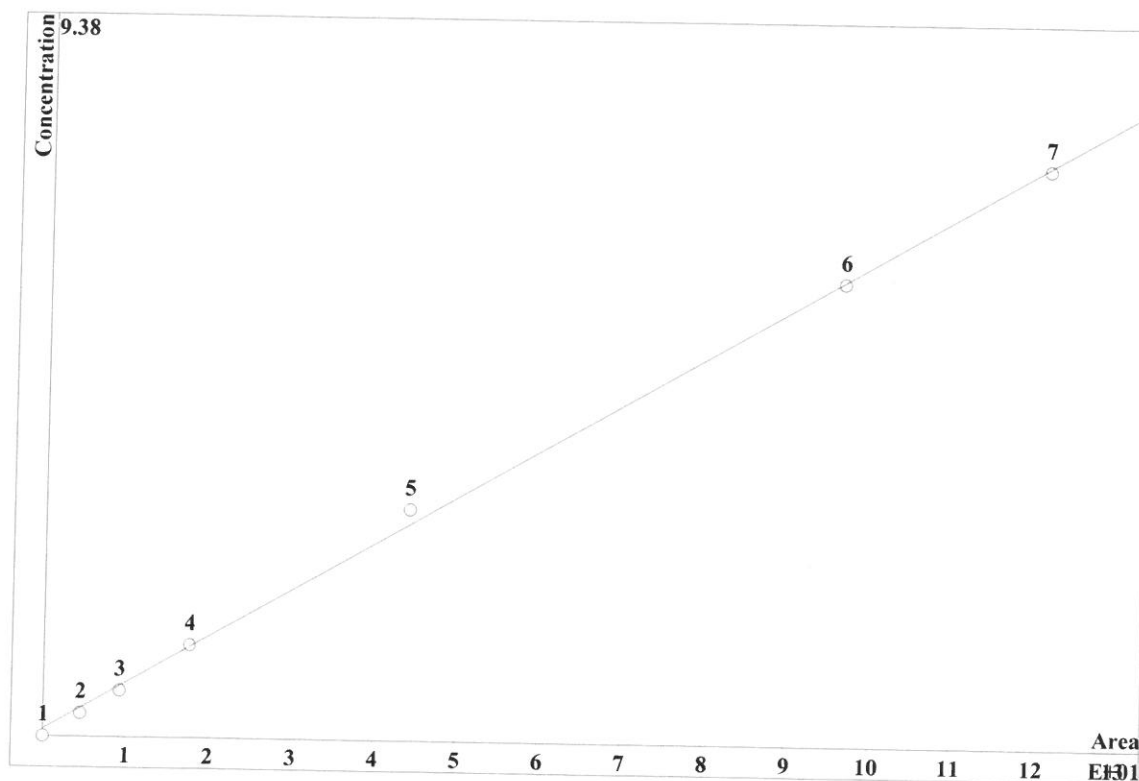
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.09404	2.523	0.2	20	5.998		Yes
3	0.1831	5.636	0.4	20	5.998		Yes
4	0.4097	12.57	0.8	20	5.998		Yes
5	1.062	38.97	2	20	5.998		Yes
6	2.238	81.29	4	20	5.998		Yes
7	3.062	106.7	5	20	5.998		Yes

CALIBRATION OF COMPONENT CL-

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 1.23012 \cdot A + 1.93148$
 RSD: 3.595 %
 Correlation coefficient: 0.999454



K3 = 0 K2 = 0 K1 = 1.23012 K0 = 1.93148

Base: Area

Ref.channel: Cond

ISTD:

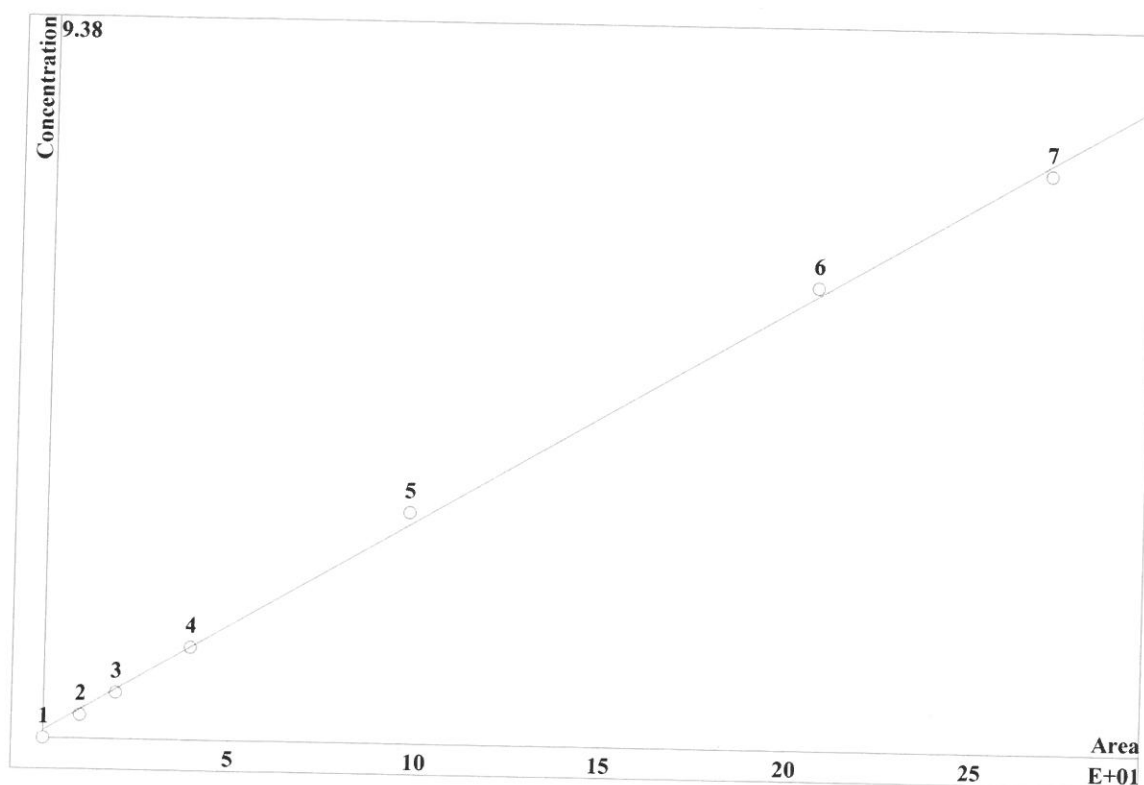
Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0		0	0	0		
2	0.3926	4.488	0.3	20	9.288		No
3	0.7633	9.245	0.6	20	9.288		Yes
4	1.534	17.7	1.2	20	9.288		Yes
5	3.8	44.06	3	20	9.288		Yes
6	8.271	96.39	6	20	9.288		Yes
7	10.78	121.1	7.5	20	9.288		Yes

CALIBRATION OF COMPONENT NO2

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.560443 \cdot A + 2.03838$
 RSD: 4.138 %
 Correlation coefficient: 0.999276

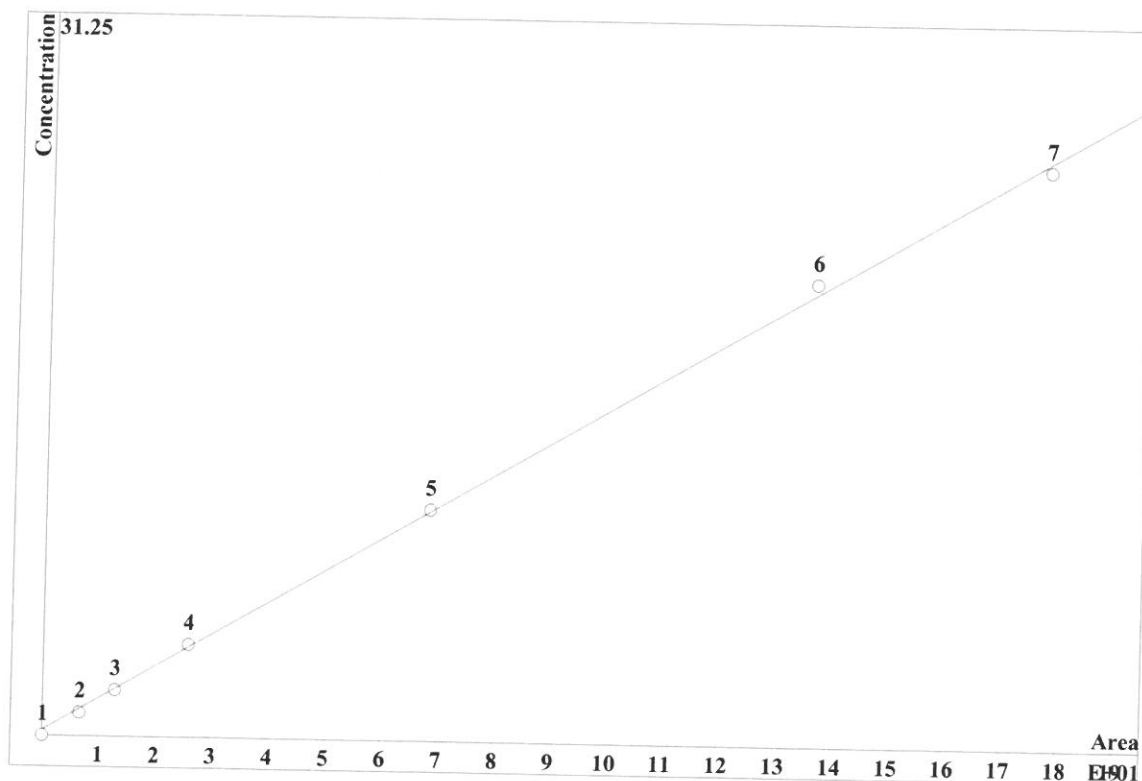


K3 = 0 K2 = 0 K1 = 0.560443 K0 = 2.03838
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.6911	9.935	0.3	20	11.29		Yes
3	1.326	19.51	0.6	20	11.29		Yes
4	2.61	39.46	1.2	20	11.29		Yes
5	6.08	97.61	3	20	11.29		Yes
6	11.86	206.6	6	20	11.29		Yes
7	14.88	268.9	7.5	20	11.29		Yes

CALIBRATION OF COMPONENT BR-

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 2.83423 \cdot A + 4.8869$
 RSD: 3.055 %
 Correlation coefficient: 0.999606

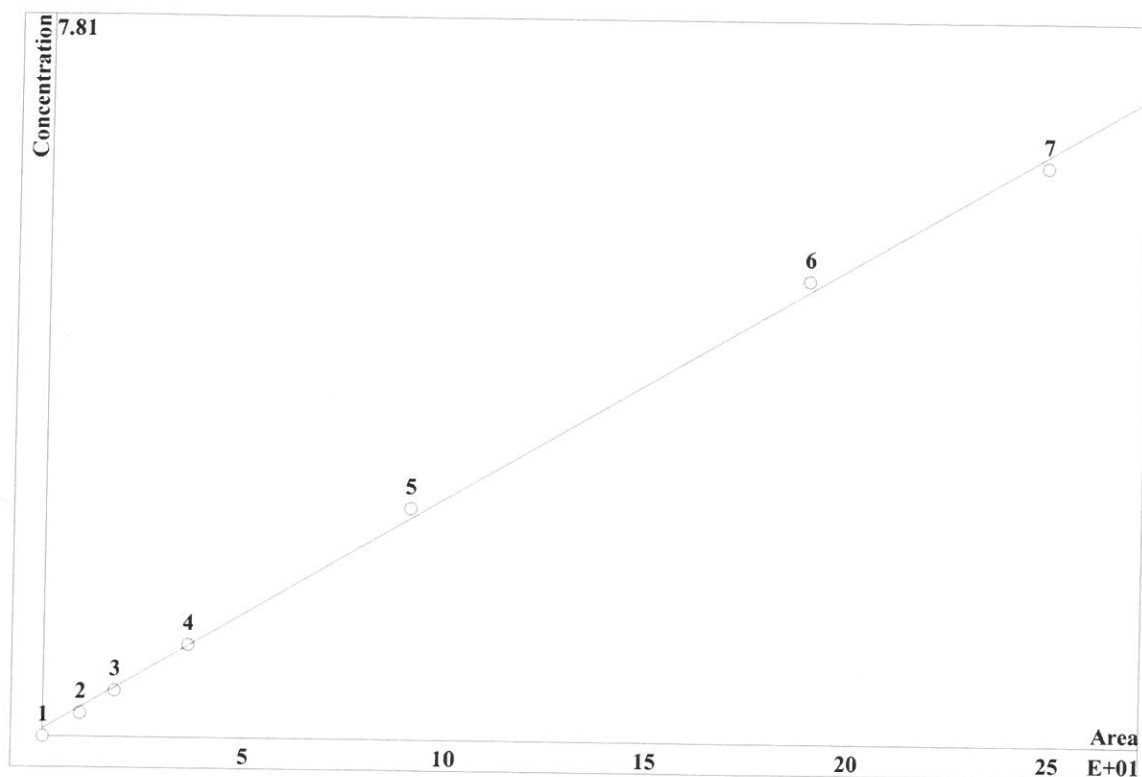


K3 = 0 K2 = 0 K1 = 2.83423 K0 = 4.8869
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0		0	0	0			No
2	0.3706		6.572	1	20	14.64		Yes
3	0.7283		12.89	2	20	14.64		Yes
4	1.468		25.83	4	20	14.64		Yes
5	3.687		68.27	10	20	14.64		Yes
6	8.086		136.2	20	20	14.64		Yes
7	10.74		177.4	25	20	14.64		Yes

CALIBRATION OF COMPONENT NO3

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.507461 \cdot A + 1.69823$
 RSD: 4.173 %
 Correlation coefficient: 0.999264



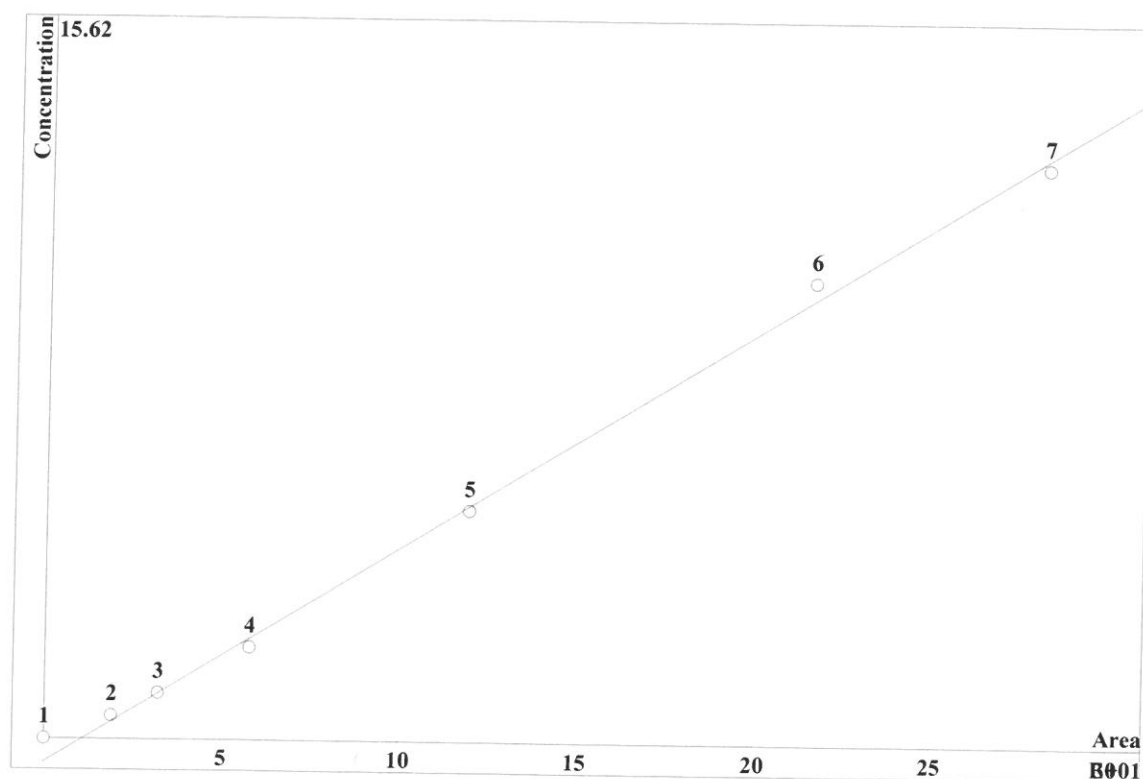
K3 = 0 K2 = 0 K1 = 0.507461 K0 = 1.69823
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.4413	9.187	0.25	20	17.05		Yes
3	0.8578	17.78	0.5	20	17.05		Yes
4	1.708	35.91	1	20	17.05		Yes
5	4.186	90.96	2.5	20	17.05		Yes
6	8.974	189.1	5	20	17.05		Yes
7	11.84	247.9	6.25	20	17.05		Yes

±□□

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 0.938552 \cdot A - 10.1883$
 RSD: 4.767 %
 Correlation coefficient: 0.999039

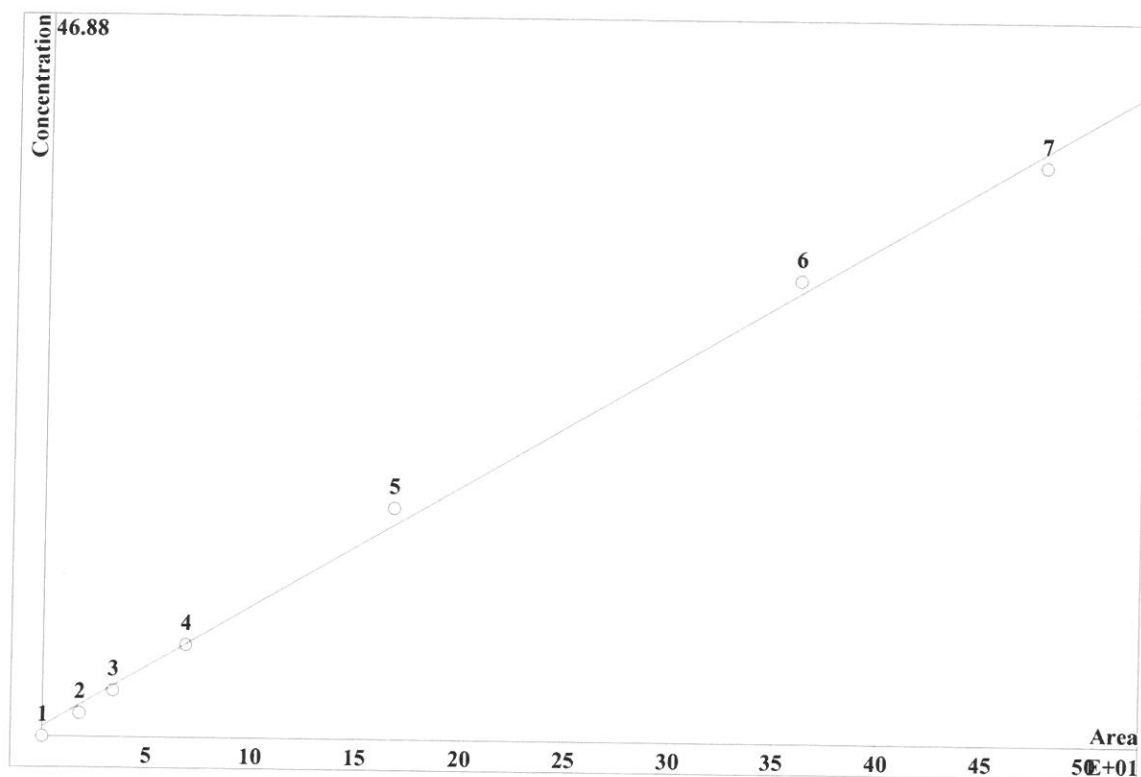


K3 = 0 K2 = 0 K1 = 0.938552 K0 = -10.1883
 Base: Area
 Ref.channel: Cond
 ISTD:
 Formula: Linear
 Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0	0	0	0	0		No
2	0.502	18.86	0.5	20	23.3		Yes
3	0.8831	32.01	1	20	23.3		Yes
4	1.68	57.6	2	20	23.3		Yes
5	3.476	119.4	5	20	23.3		Yes
6	6.653	216.1	10	20	23.3		Yes
7	9.062	281.7	12.5	20	23.3		Yes

CALIBRATION OF COMPONENT SO4

Method: ANIONS 05-07-19.mtw
 Equation: $Q = 1.58082 \cdot A + 13.223$
 RSD: 5.756 %
 Correlation coefficient: 0.998599



K3 = 0 K2 = 0 K1 = 1.58082 K0 = 13.223

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File	
1	0	0	0	0	0			No
2	0.6371	17.78	1.5	20	27.39			Yes
3	1.23	33.84	3	20	27.39			Yes
4	2.468	68.36	6	20	27.39			Yes
5	6.183	167.5	15	20	27.39			Yes
6	13.46	361	30	20	27.39			Yes
7	17.66	478	37.5	20	27.39			Yes

Report date: 5/24/2019 10:57:39 AM
Printed by: wet

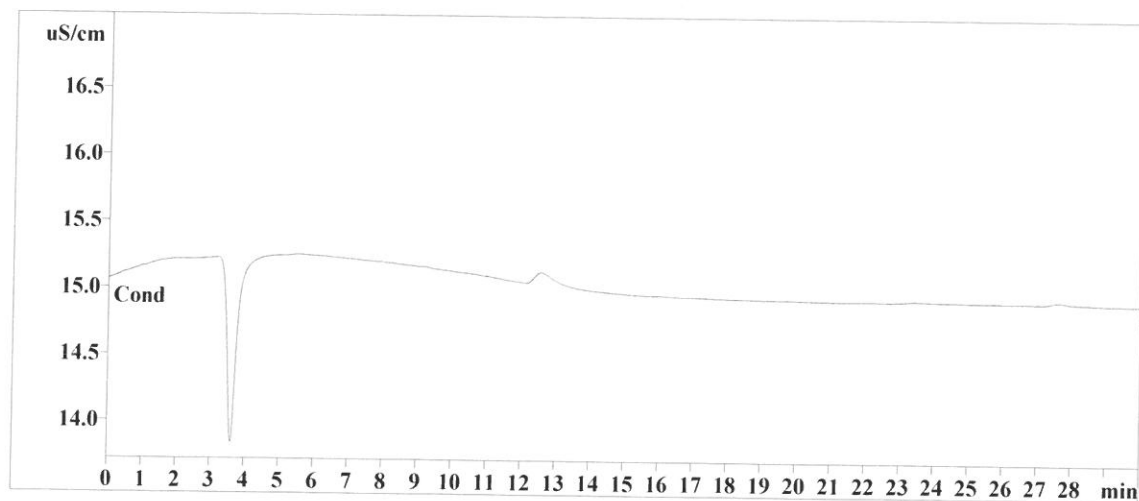
Ident: STD1
Analysis from: 5/23/2019 2:53:41 PM
File: _2019-05-23_

Last save: 5/24/2019 8:17:32 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66914

Last save: 5/23/2019 4:29:16 PM

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: 5/24/2019 10:57:48 AM
Printed by: wet

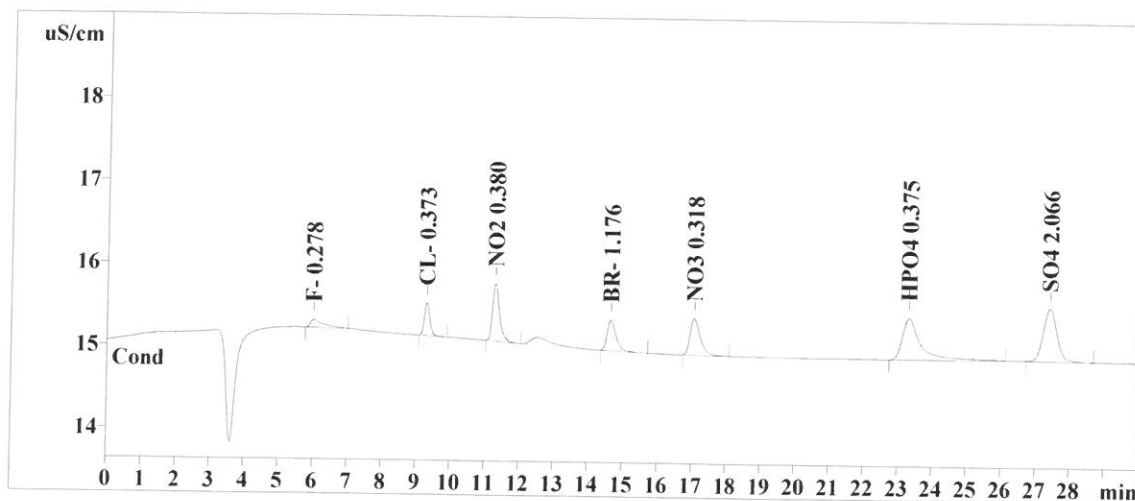
Ident: STD2
Analysis from: 5/23/2019 3:26:35 PM
File: _2019-05-23_

Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66915

Last save: 5/23/2019 4:29:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.00	0.370	0.09	2.98	2.523	3.64	0.
2	9.29	0.172	0.39	12.53	4.488	6.47	0.
3	11.29	0.210	0.69	22.08	9.935	14.33	0.
4	14.64	0.263	0.37	11.82	6.572	9.48	0.
5	17.05	0.309	0.44	14.09	9.187	13.25	0.
6	23.30	0.466	0.50	16.04	18.856	27.19	0.
7	27.39	0.424	0.64	20.35	17.777	25.64	0.
7	30.00	0.317	3.13	99.89	69.338	100.00	0.

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Report date: 5/24/2019 10:57:57 AM
Printed by: wet

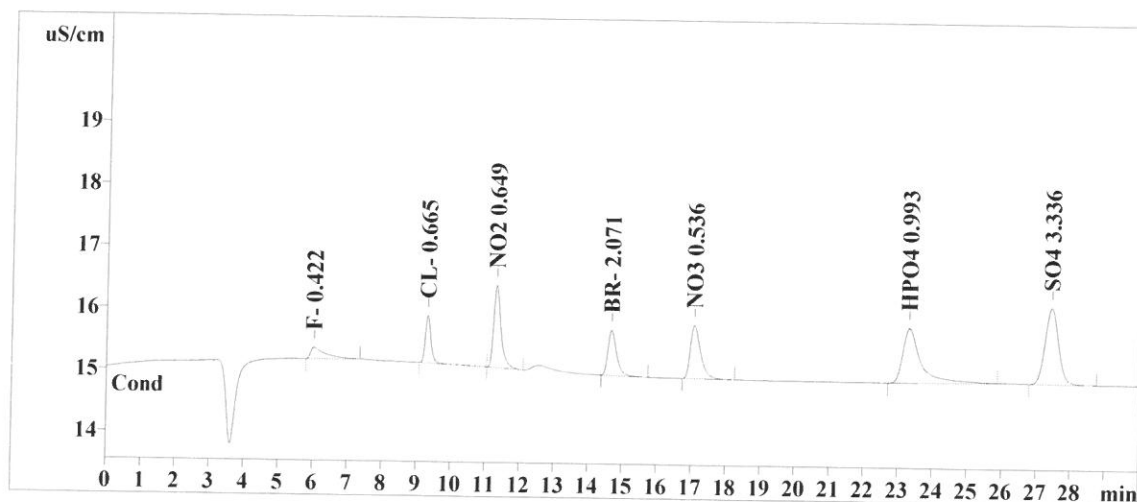
Ident: STD3
Analysis from: 5/23/2019 3:59:29 PM
File: _2019-05-23_

Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66916

Last save: 5/23/2019 4:29:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.02	0.410	0.18	3.05	5.636	4.31	0.
2	9.30	0.173	0.76	12.78	9.245	7.06	0.
3	11.30	0.212	1.33	22.20	19.511	14.90	0.
4	14.67	0.262	0.73	12.19	12.889	9.85	0.
5	17.07	0.307	0.86	14.36	17.776	13.58	0.
6	23.31	0.458	0.88	14.78	32.006	24.45	0.
7	27.42	0.421	1.23	20.60	33.838	25.85	0.
7	30.00	0.320	5.97	99.96	130.901	100.00	0.

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Report date: 5/24/2019 10:58:04 AM
 Printed by: wet

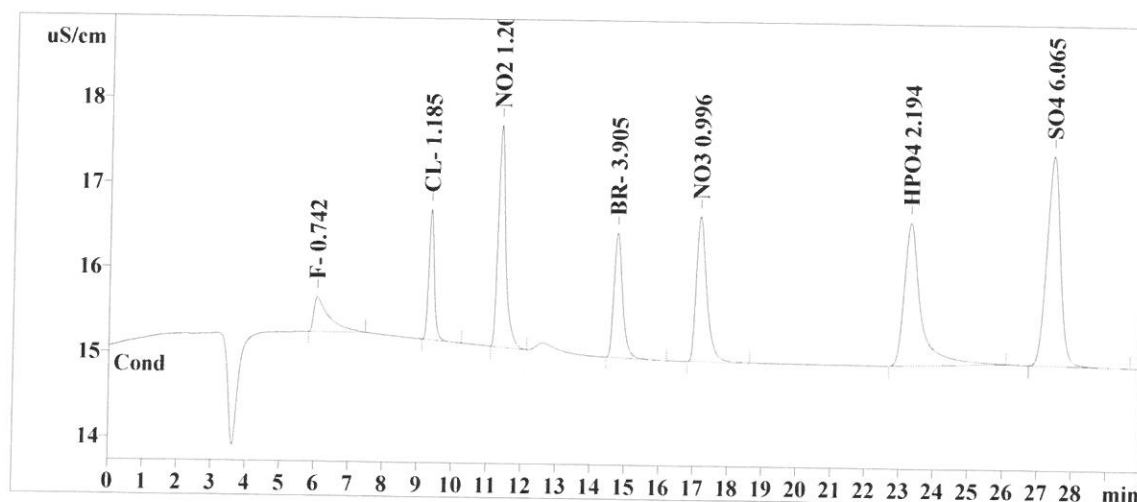
Ident: STD4
 Analysis from: 5/23/2019 4:32:22 PM
 File: _2019-05-23_

Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66917

Last save: 5/23/2019 4:29:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.04	0.402	0.41	3.45	12.573	4.88	0.
2	9.34	0.172	1.53	12.92	17.704	6.88	0.
3	11.35	0.217	2.61	21.97	39.464	15.33	0.
4	14.73	0.261	1.47	12.35	25.834	10.03	0.
5	17.14	0.309	1.71	14.38	35.913	13.95	0.
6	23.28	0.438	1.68	14.14	57.604	22.37	0.
7	27.39	0.423	2.47	20.77	68.363	26.55	0.
7	30.00	0.317	11.88	99.98	257.455	100.00	0.

This report has been created by IC Net
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Report date: 5/24/2019 10:58:10 AM
 Printed by: wet

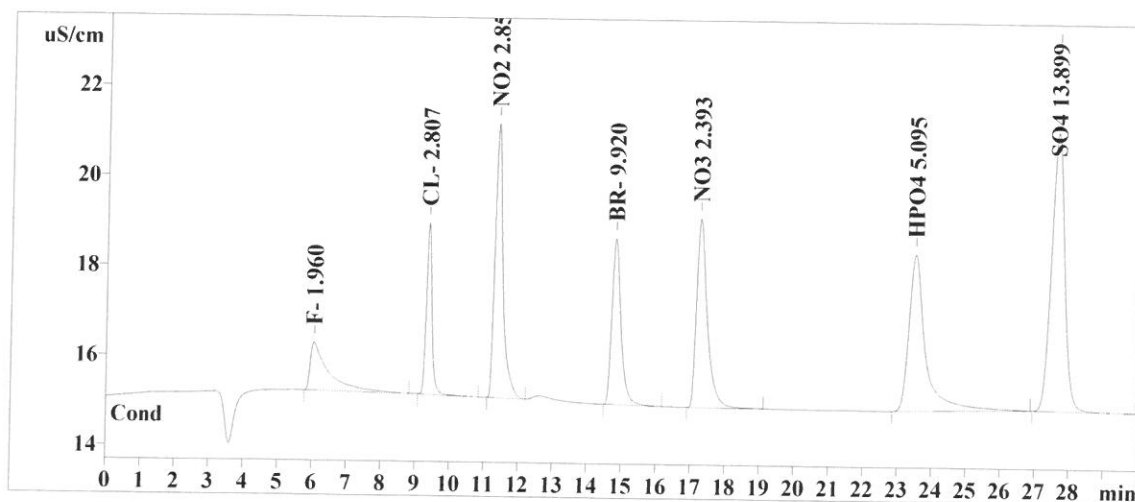
Ident: STD5
 Analysis from: 5/23/2019 5:05:16 PM
 File: _2019-05-23_

Last save: 5/24/2019 8:26:18 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66918

Last save: 5/23/2019 4:29:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.03	0.435	1.06	3.73	38.967	6.21	0.
2	9.35	0.170	3.80	13.34	44.065	7.02	0.
3	11.35	0.229	6.08	21.36	98.103	15.64	0.
4	14.79	0.272	3.69	12.95	68.274	10.88	0.
5	17.24	0.315	4.19	14.70	90.961	14.50	0.
6	23.48	0.435	3.48	12.21	119.417	19.04	0.
7	27.61	0.413	6.18	21.71	167.481	26.70	0.
7	30.00	0.324	28.48	100.00	627.269	100.00	0.

This report has been created by IC Net
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Report date: 5/24/2019 10:58:16 AM
 Printed by: wet

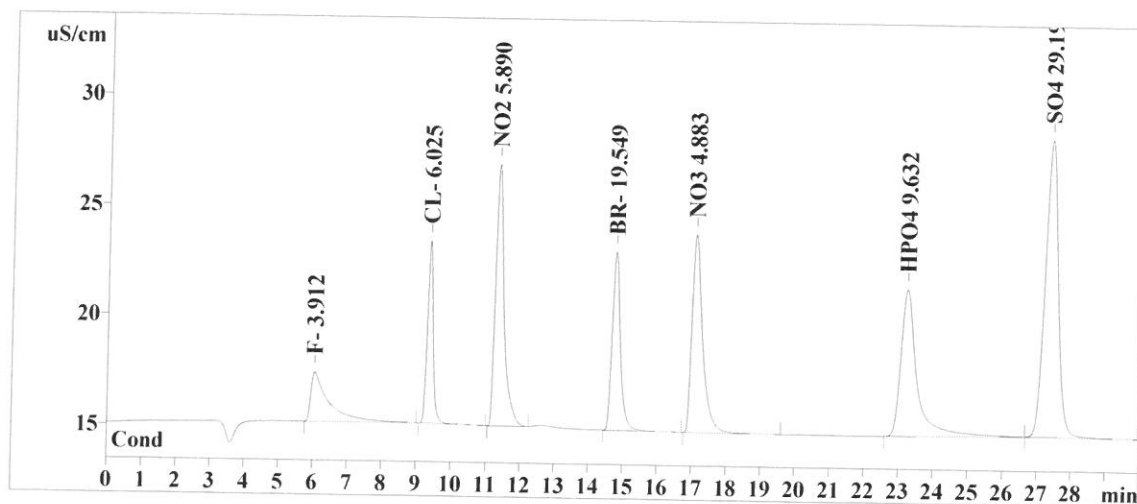
Ident: STD6
 Analysis from: 5/23/2019 5:38:10 PM
 File: _2019-05-23_

Last save: 5/24/2019 8:26:20 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66919

Last save: 5/23/2019 4:29:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.04	0.427	2.24	3.76	81.286	6.32	0.
2	9.35	0.172	8.27	13.89	96.390	7.49	0.
3	11.31	0.248	11.86	19.92	206.568	16.05	0.
4	14.75	0.247	8.09	13.58	136.226	10.59	0.
5	17.07	0.304	8.97	15.07	189.101	14.70	0.
6	23.21	0.415	6.65	11.17	216.101	16.80	0.
7	27.34	0.407	13.46	22.61	360.986	28.06	0.
7	30.00	0.317	59.55	100.00	1286.659	100.00	0.

This report has been created by IC Net
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Report date: 5/24/2019 10:58:24 AM
 Printed by: wet

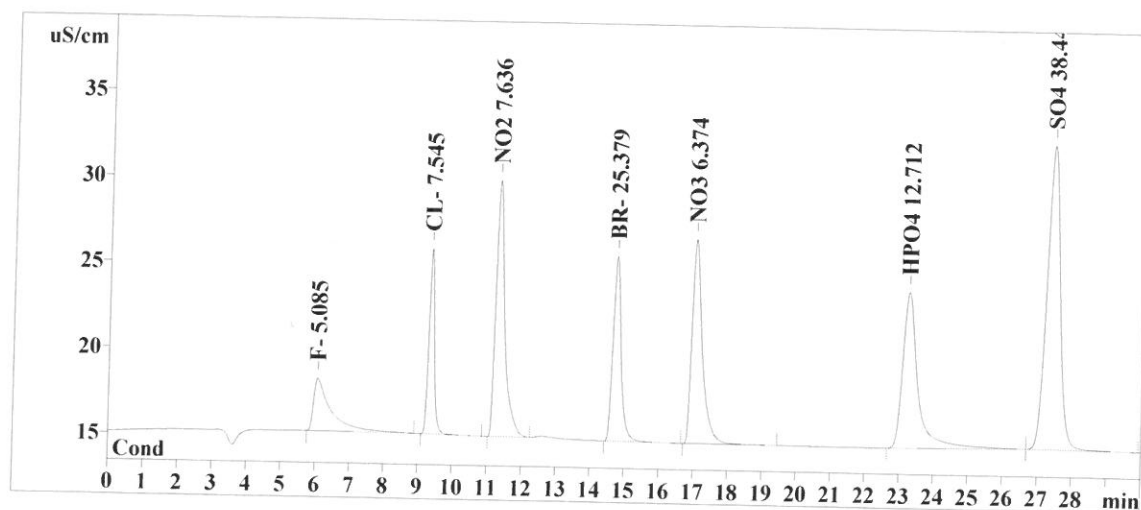
Ident: STD7
 Analysis from: 5/23/2019 6:11:04 PM
 File: _2019-05-23_

Last save: 5/24/2019 8:27:02 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 66920

Last save: 5/23/2019 4:29:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.05	0.421	3.06	3.92	106.712	6.35	0.
2	9.34	0.166	10.78	13.82	121.096	7.20	0.
3	11.28	0.257	14.88	19.07	268.851	15.99	0.
4	14.72	0.243	10.74	13.77	177.368	10.55	0.
5	17.01	0.300	11.84	15.18	247.866	14.74	0.
6	23.23	0.405	9.06	11.61	281.741	16.75	0.
7	27.36	0.412	17.66	22.63	477.972	28.42	0.
7	30.00	0.315	78.03	100.00	1681.607	100.00	0.

This report has been created by IC Net
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Report date: 5/24/2019 10:59:20 AM
Printed by: wet

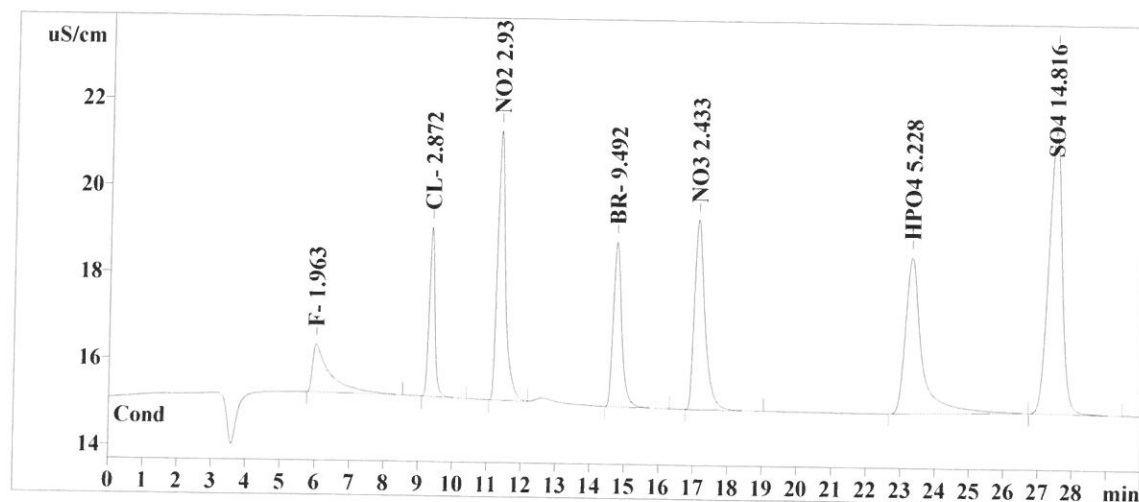
Ident: ICV
Analysis from: 5/23/2019 6:43:57 PM
File: _2019-05-23_

Last save: 5/24/2019 8:27:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66921

Last save: 5/23/2019 4:29:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.01	0.417	1.10	3.74	39.045	6.06	0.
2	9.34	0.172	3.90	13.22	45.116	7.00	0.
3	11.33	0.233	6.22	21.06	100.970	15.67	0.
4	14.73	0.254	3.80	12.87	65.260	10.13	0.
5	17.09	0.308	4.38	14.84	92.524	14.36	0.
6	23.27	0.425	3.61	12.22	122.263	18.98	0.
7	27.42	0.420	6.51	22.05	179.084	27.80	0.
7	30.00	0.318	29.52	100.00	644.263	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 5/24/2019 10:59:29 AM
Printed by: wet

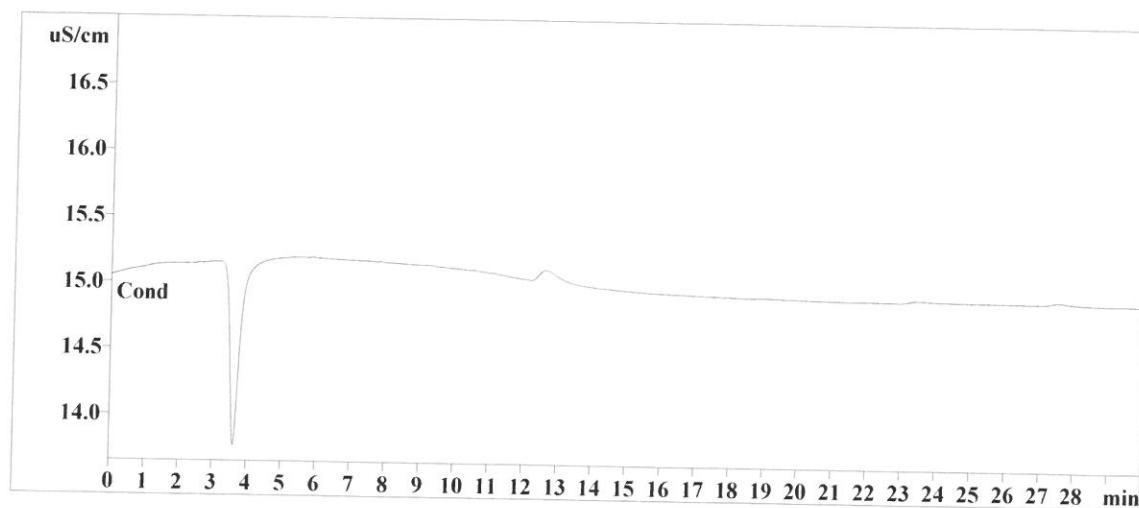
Ident: ICB
Analysis from: 5/23/2019 7:16:51 PM
File: _2019-05-23_

Last save: 5/24/2019 8:27:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 66922

Last save: 5/23/2019 4:29:16 PM

SAMPLE:
:
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-1

Report date: 6/7/2019 11:10:18 AM
 Printed by: wet

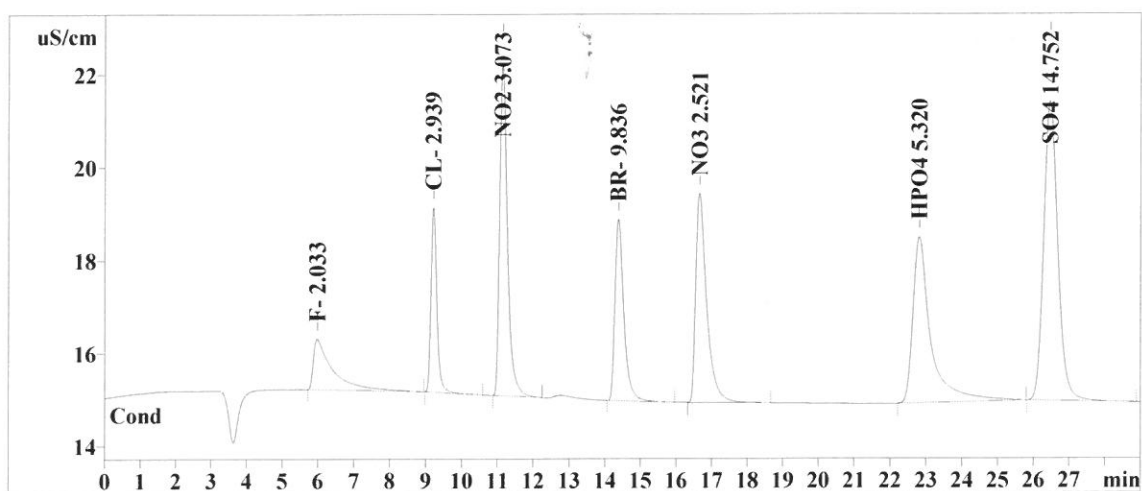
Ident: CCV
 Analysis from: 6/7/2019 9:26:32 AM
 File: _2019-06-07_

Last save: 6/7/2019 9:55:20 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67167

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.98	0.451	1.09	3.55	40.553	6.15	0.
2	9.21	0.170	3.97	12.98	46.207	7.01	0.
3	11.14	0.217	7.13	23.29	106.035	16.09	0.
4	14.38	0.253	3.91	12.76	67.688	10.27	0.
5	16.65	0.307	4.50	14.71	96.005	14.57	0.
6	22.81	0.438	3.57	11.66	124.212	18.85	0.
7	26.46	0.416	6.45	21.05	178.270	27.05	0.
7	29.00	0.322	30.63	99.99	658.969	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/7/2019 11:10:25 AM
Printed by: wet

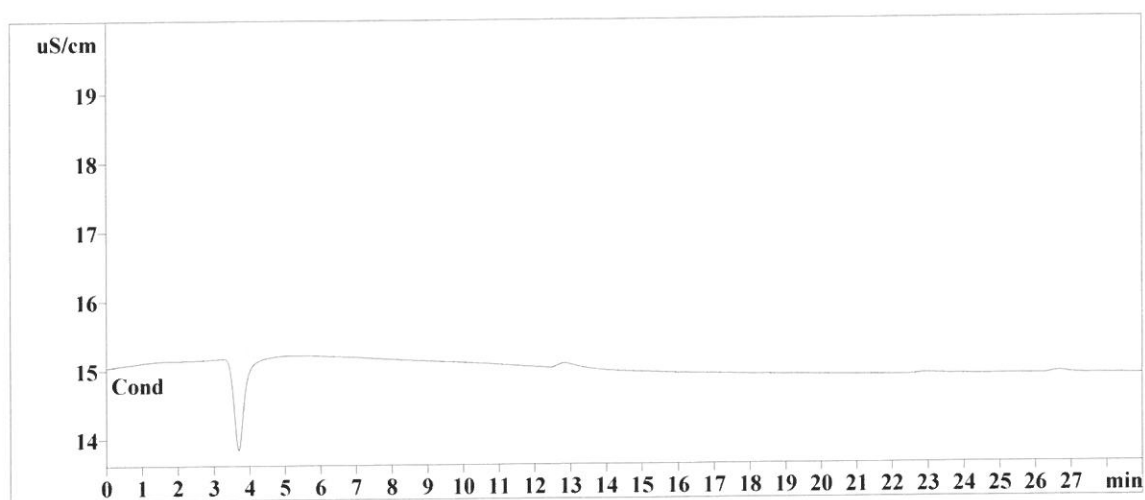
Ident: CCB
Analysis from: 6/7/2019 9:58:52 AM
File: _2019-06-07_

Last save: 6/7/2019 10:27:42 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67168

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:15:24 AM
Printed by: wet

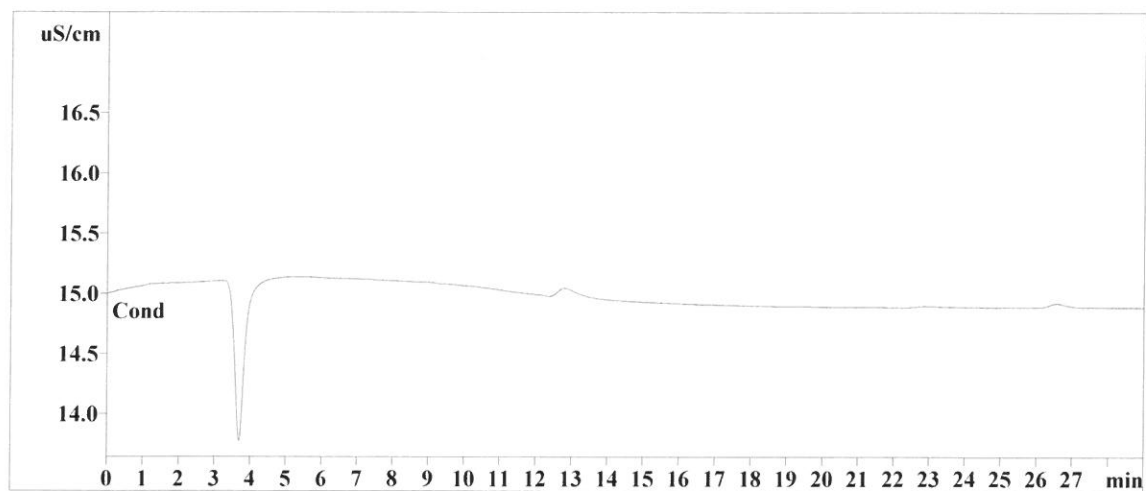
Ident: LB103292BLW
Analysis from: 6/7/2019 10:38:57 AM
File: _2019-06-07_

Last save: 6/8/2019 8:15:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67169

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

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Report date: 6/8/2019 8:15:31 AM
Printed by: wet

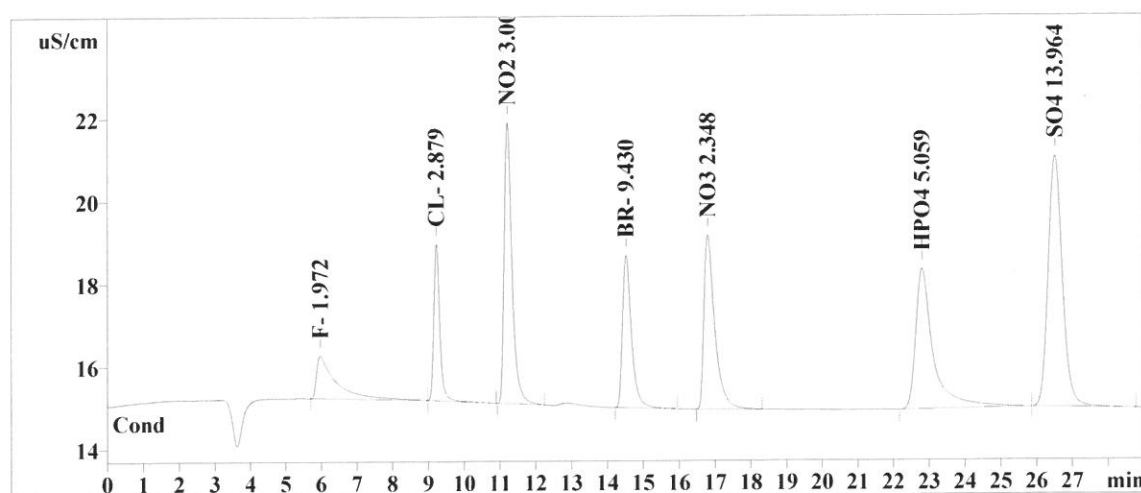
Ident: LB103292BSW
Analysis from: 6/7/2019 11:11:38 AM
File: _2019-06-07_

Last save: 6/8/2019 8:14:58 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67170

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.456	1.03	3.54	39.222	6.23	0.
2	9.22	0.174	3.79	13.06	45.241	7.19	0.
3	11.21	0.223	6.80	23.44	103.754	16.49	0.
4	14.52	0.256	3.69	12.72	64.817	10.30	0.
5	16.79	0.305	4.22	14.55	89.183	14.17	0.
6	22.80	0.444	3.40	11.73	118.666	18.86	0.
7	26.50	0.417	6.08	20.95	168.301	26.75	0.
7	29.00	0.325	29.01	100.00	629.184	100.00	0.

This report has been created by IC Net
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Report date: 6/8/2019 8:15:39 AM
Printed by: wet

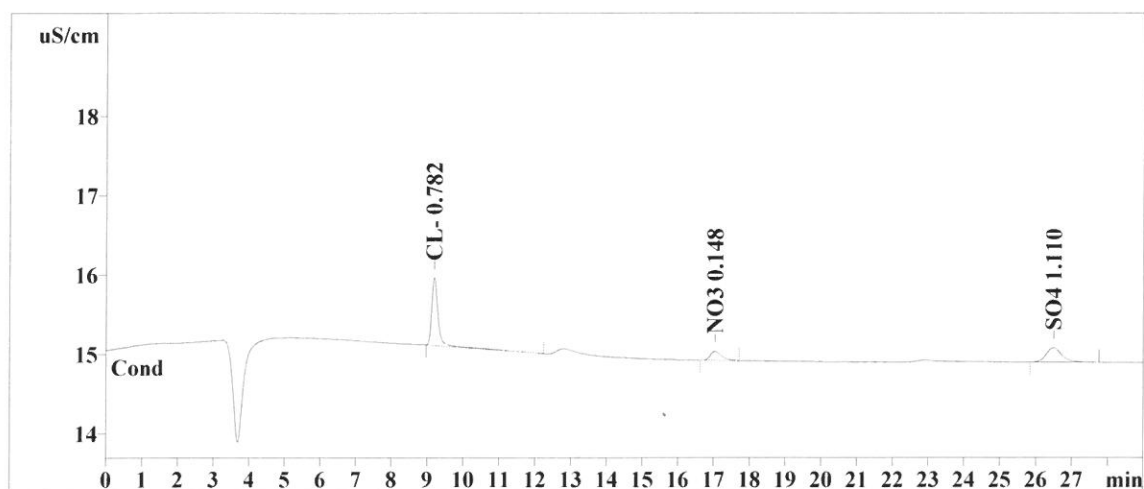
Ident: K3249-02
Analysis from: 6/7/2019 11:48:09 AM
File: _2019-06-07_

Last save: 6/7/2019 12:16:58 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67171

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 50
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.20	0.175	0.85	74.08	11.150	57.72	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	17.03	0.327	0.11	9.92	2.494	12.91	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.48	0.454	0.18	15.92	5.673	29.37	0.
7	29.00	0.137	1.15	99.92	19.317	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:15:50 AM
Printed by: wet

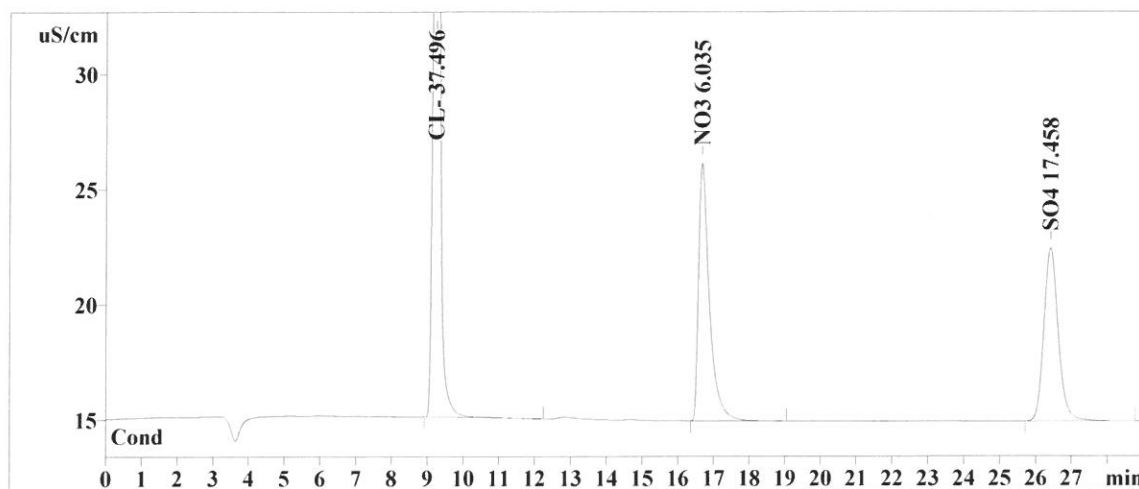
Ident: K3249-04
Analysis from: 6/7/2019 12:20:04 PM
File: _2019-06-07_

Last save: 6/7/2019 12:48:52 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67172

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 51
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.23	0.162	55.01	74.64	608.061	57.63	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	16.67	0.297	11.19	15.18	234.500	22.23	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.40	0.424	7.50	10.18	212.511	20.14	0.
7	29.00	0.126	73.71	100.00	1055.071	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:16:01 AM
Printed by: wet

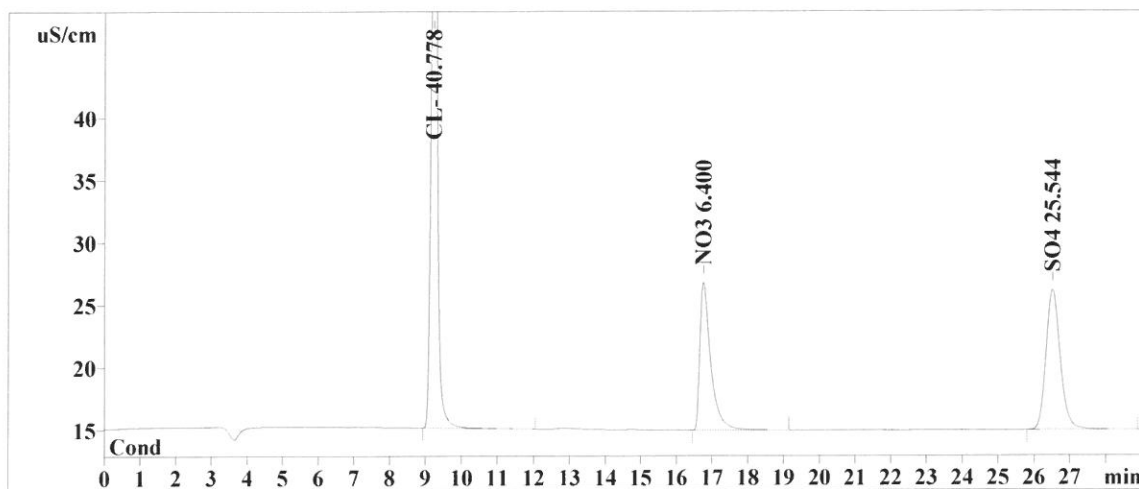
Ident: K3249-06
Analysis from: 6/7/2019 12:51:58 PM
File: _2019-06-07_

Last save: 6/7/2019 1:20:46 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67173

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 52
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.23	0.163	59.62	72.13	661.414	53.99	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	16.75	0.299	11.82	14.30	248.870	20.31	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.51	0.422	11.20	13.56	314.804	25.70	0.
7	29.00	0.126	82.64	99.99	1225.089	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:16:11 AM
Printed by: wet

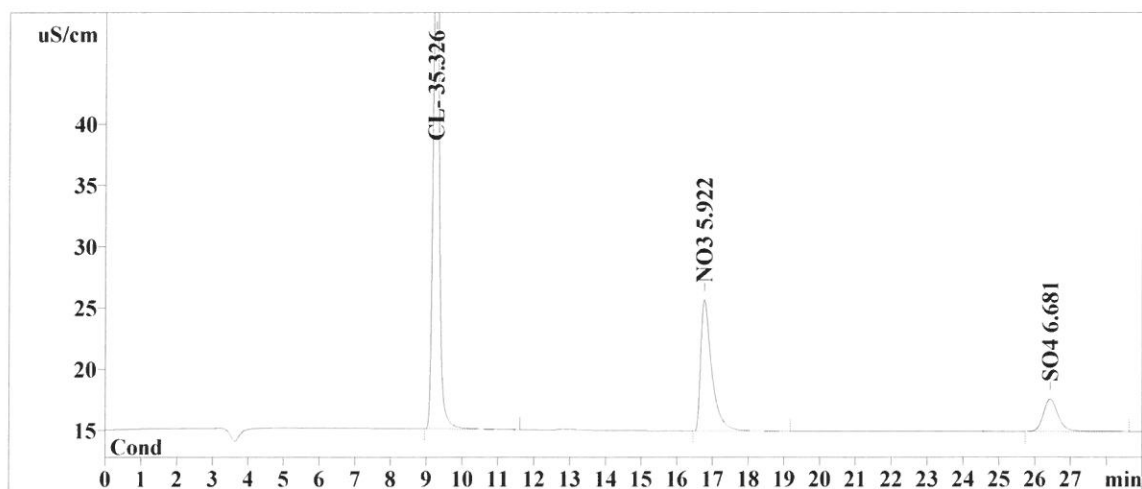
Ident: K3249-11
Analysis from: 6/7/2019 1:23:53 PM
File: _2019-06-07_

Last save: 6/7/2019 1:52:42 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67174

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 53
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.25	0.163	51.66	79.50	572.786	65.16	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	16.76	0.307	10.68	16.45	230.057	26.17	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.43	0.432	2.64	4.06	76.162	8.66	0.
7	29.00	0.129	64.98	100.01	879.005	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:16:20 AM
Printed by: wet

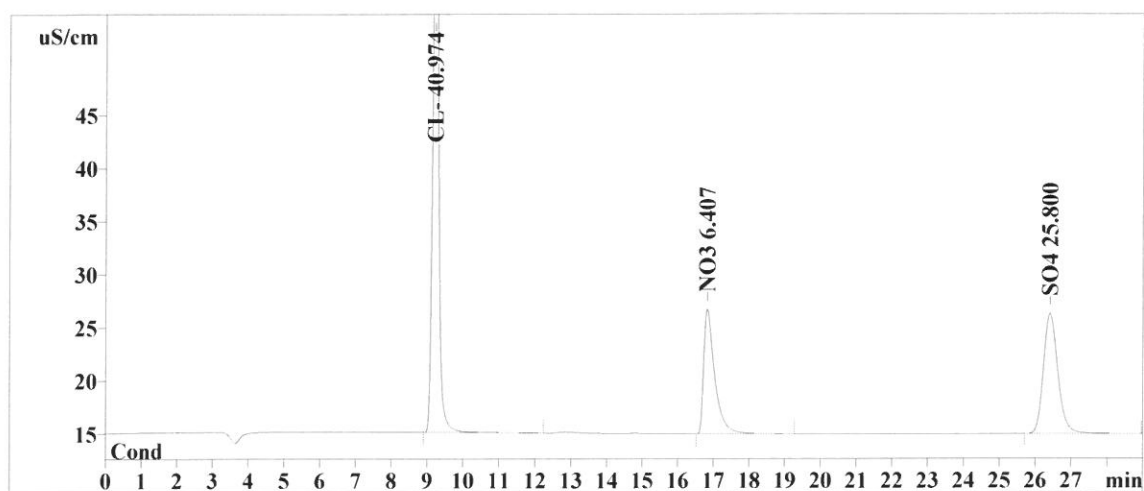
Ident: K3249-09
Analysis from: 6/7/2019 1:55:47 PM
File: _2019-06-07_

Last save: 6/7/2019 2:24:36 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67175

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 54
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.22	0.163	59.75	72.19	664.616	53.95	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	16.82	0.301	11.72	14.16	249.173	20.23	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.41	0.422	11.30	13.65	318.044	25.82	0.
7	29.00	0.127	82.76	100.00	1231.833	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:16:29 AM
Printed by: wet

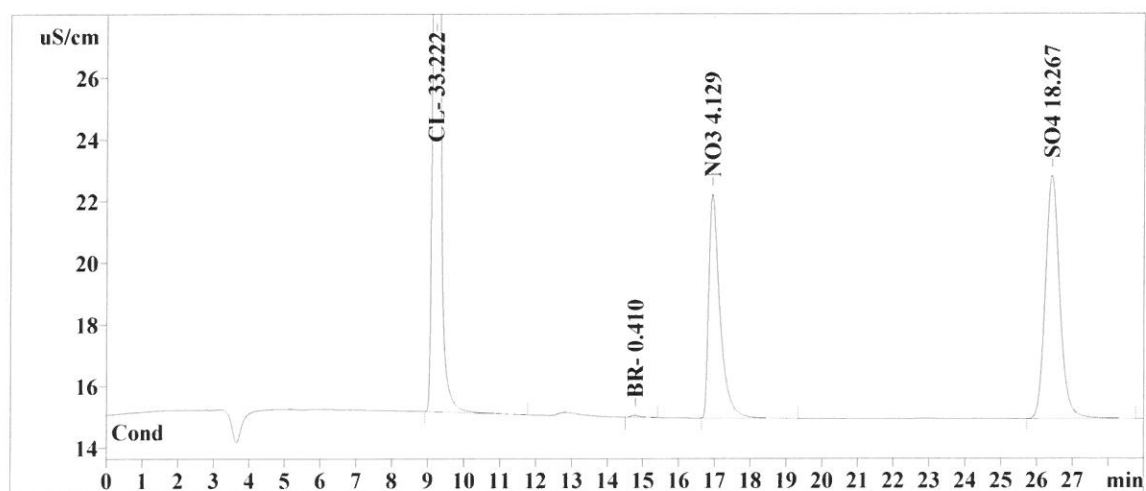
Ident: K3249-08
Analysis from: 6/7/2019 2:27:41 PM
File: _2019-06-07_

Last save: 6/7/2019 2:56:30 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67176

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 55
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.22	0.164	48.06	75.96	538.575	58.42	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.78	0.280	0.06	0.10	1.169	0.13	0.
5	16.93	0.315	7.26	11.47	159.400	17.29	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.41	0.423	7.88	12.46	222.744	24.16	0.
7	29.00	0.169	63.27	99.99	921.889	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:16:46 AM
Printed by: wet

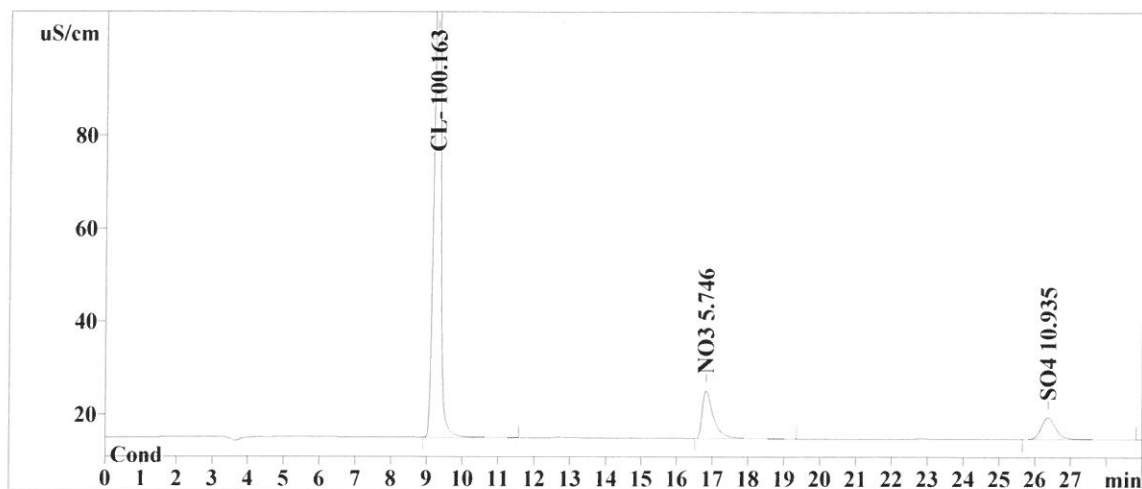
Ident: K3249-14
Analysis from: 6/7/2019 2:59:36 PM
File: _2019-06-07_

Last save: 6/7/2019 3:28:24 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67177

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 56
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.28	0.180	135.69	90.14	1626.938	82.17	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.82	0.310	10.22	6.79	223.125	11.27	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.36	0.420	4.62	3.07	129.976	6.56	0.
7	29.00	0.130	150.53	100.00	1980.039	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:16:55 AM
Printed by: wet

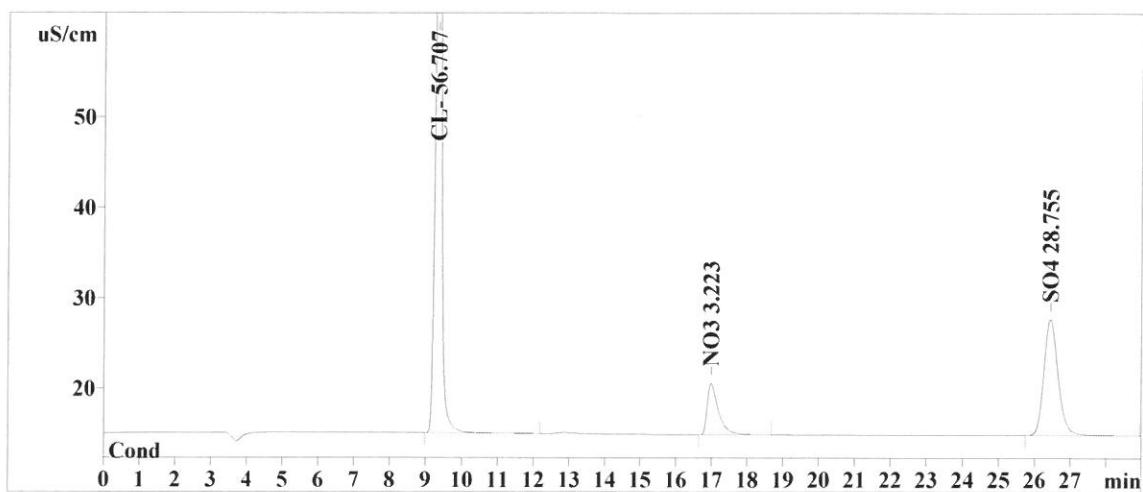
Ident: K3249-16
Analysis from: 6/7/2019 3:31:30 PM
File: _2019-06-07_

Last save: 6/7/2019 4:00:20 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67178

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 57
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.33	0.165	82.61	81.76	920.397	65.76	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	16.99	0.314	5.65	5.59	123.698	8.84	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.43	0.417	12.78	12.65	355.430	25.40	0.
7	29.00	0.128	101.03	100.00	1399.525	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:17:01 AM
Printed by: wet

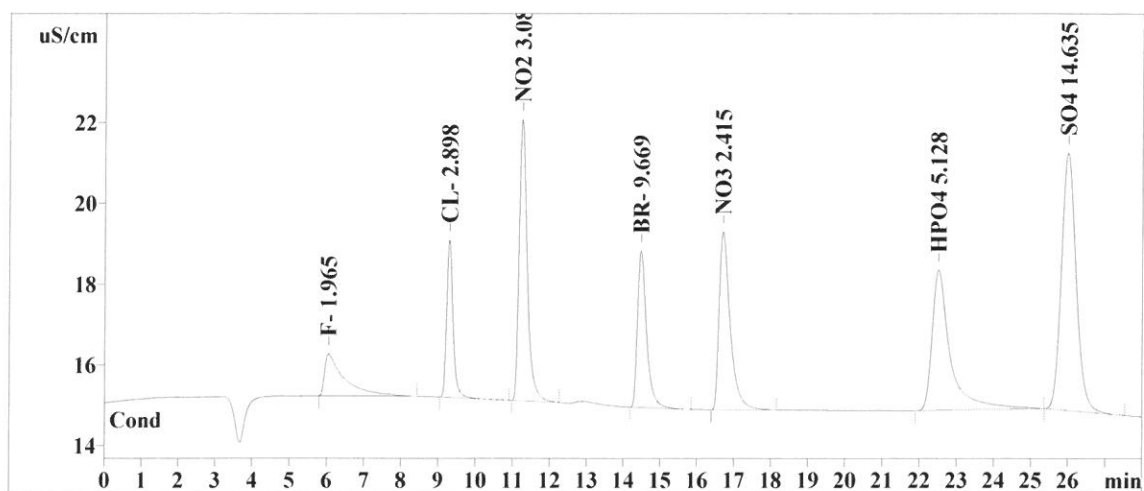
Ident: CCV
Analysis from: 6/7/2019 4:10:09 PM
File: _2019-06-07_

Last save: 6/7/2019 4:37:58 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67180

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.05	0.467	1.04	3.46	39.088	6.05	0.
2	9.30	0.170	3.90	12.96	45.539	7.05	0.
3	11.25	0.223	6.97	23.19	106.267	16.45	0.
4	14.48	0.250	3.88	12.91	66.508	10.29	0.
5	16.69	0.302	4.40	14.65	91.827	14.21	0.
6	22.51	0.439	3.48	11.57	120.132	18.59	0.
7	25.99	0.419	6.39	21.25	176.788	27.36	0.
7	28.00	0.324	30.05	100.00	646.149	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:17:09 AM
Printed by: wet

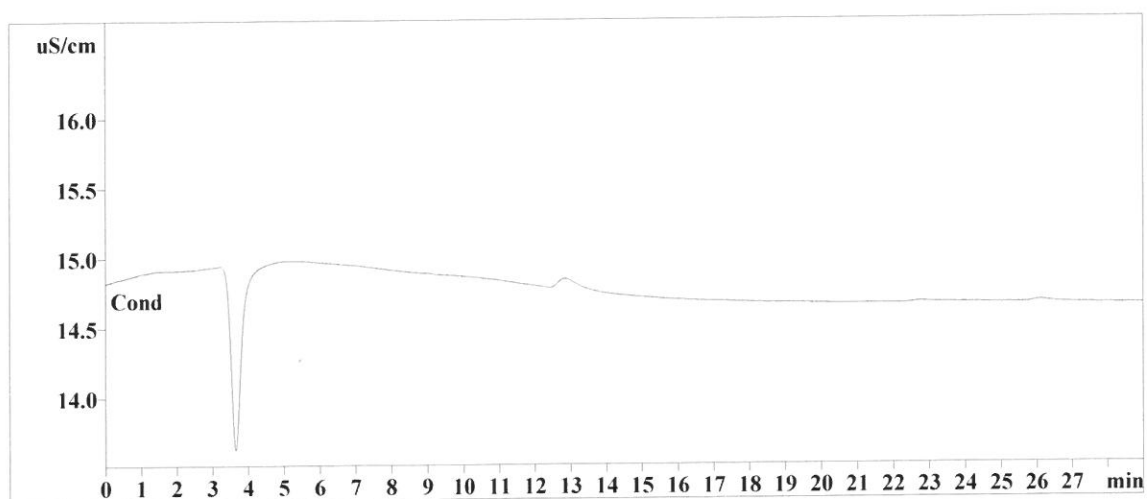
Ident: CCB
Analysis from: 6/7/2019 4:41:20 PM
File: _2019-06-07_

Last save: 6/7/2019 5:10:08 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67181

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
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Report date: 6/8/2019 8:17:17 AM
Printed by: wet

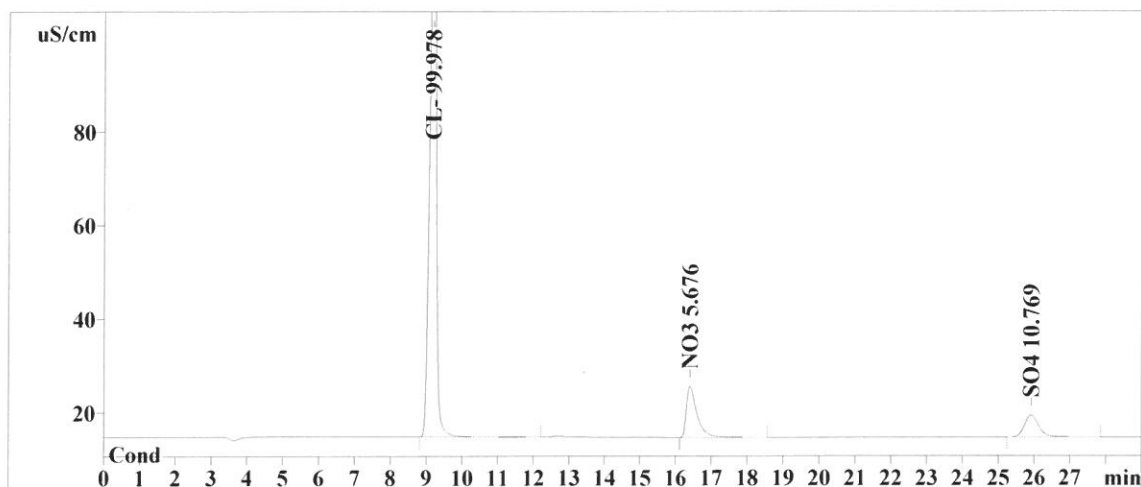
Ident: K3249-12
Analysis from: 6/7/2019 5:13:14 PM
File: _2019-06-07_

Last save: 6/7/2019 5:42:02 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67182

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 58
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.179	137.01	89.82	1623.931	82.34	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.40	0.290	10.86	7.12	220.337	11.17	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.91	0.410	4.68	3.07	127.886	6.48	0.
7	29.00	0.126	152.54	100.00	1972.154	100.00	0.

This report has been created by IC Net
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Report date: 6/8/2019 8:18:56 AM
Printed by: wet

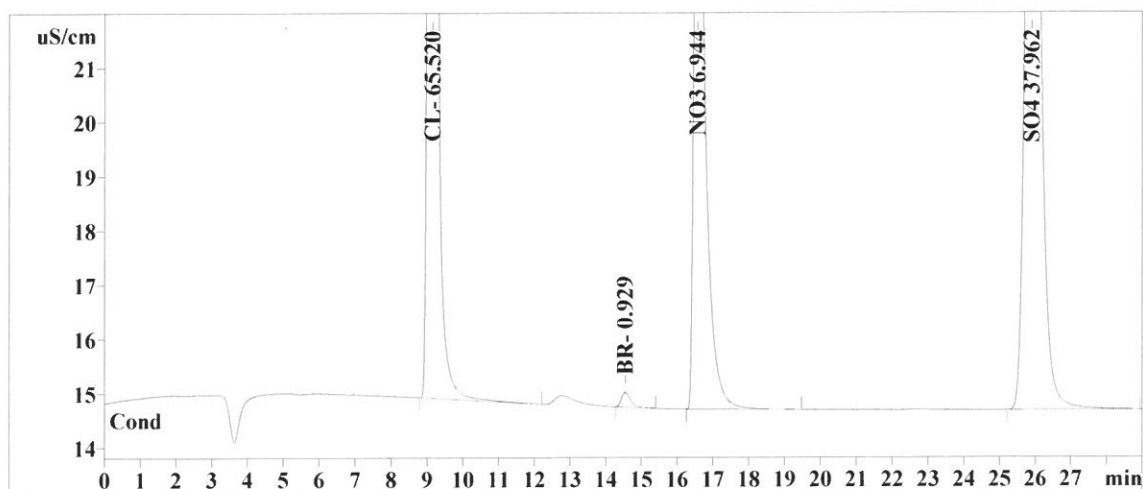
Ident: K3249-05
Analysis from: 6/7/2019 5:45:09 PM
File: _2019-06-07_

Last save: 6/7/2019 6:13:58 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67183

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 59
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.15	0.168	94.37	75.31	1063.693	58.74	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.55	0.262	0.27	0.22	4.828	0.27	0.
5	16.56	0.292	13.17	10.51	270.342	14.93	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.90	0.405	17.48	13.95	471.916	26.06	0.
7	29.00	0.161	125.30	100.00	1810.778	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:19:24 AM
Printed by: wet

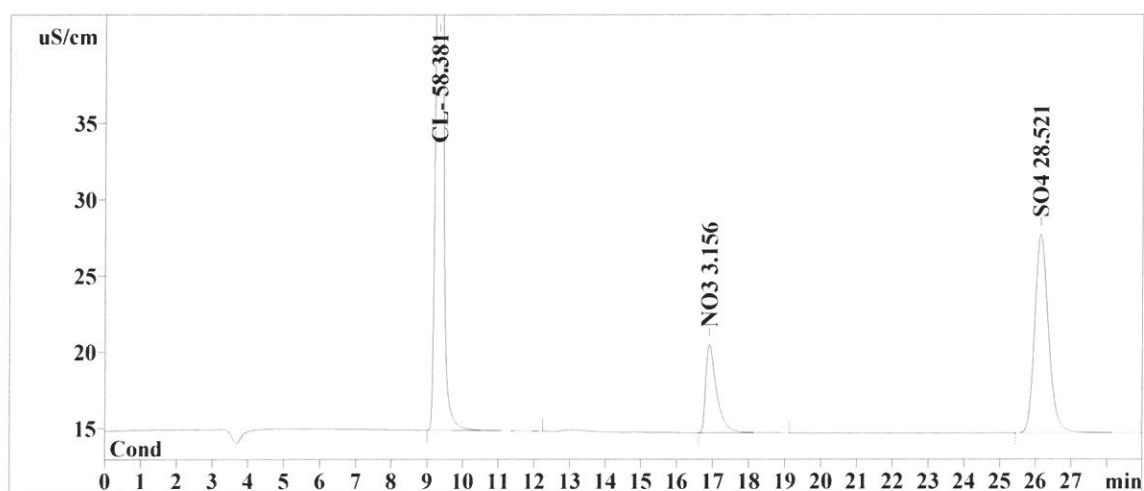
Ident: K3249-18
Analysis from: 6/7/2019 6:17:03 PM
File: _2019-06-07_

Last save: 6/8/2019 8:19:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67184

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 60
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.34	0.168	83.72	81.70	947.615	66.68	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	16.91	0.302	5.76	5.62	121.047	8.52	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.14	0.407	12.99	12.67	352.477	24.80	0.
7	29.00	0.125	102.46	100.00	1421.138	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:20:15 AM
Printed by: wet

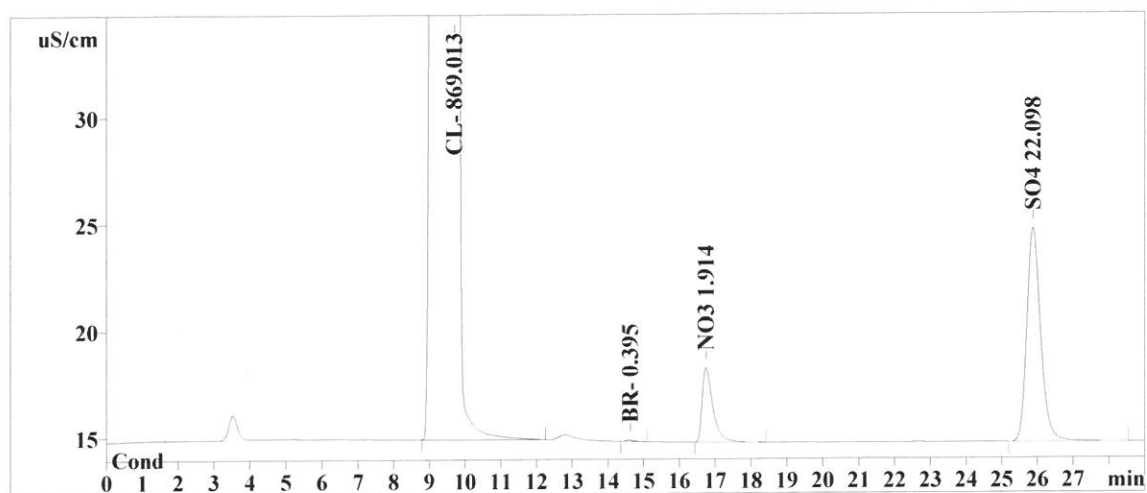
Ident: K3249-20
Analysis from: 6/7/2019 6:48:57 PM
File: _2019-06-07_

Last save: 6/7/2019 7:17:46 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67185

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 61
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.70	0.508	475.17	97.19	14127.336	97.62	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.62	0.258	0.06	0.01	1.066	0.01	0.
5	16.74	0.300	3.48	0.71	72.091	0.50	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	25.88	0.406	10.00	2.05	271.209	1.87	0.
7	29.00	0.210	488.71	99.96	14471.701	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:20:26 AM
Printed by: wet

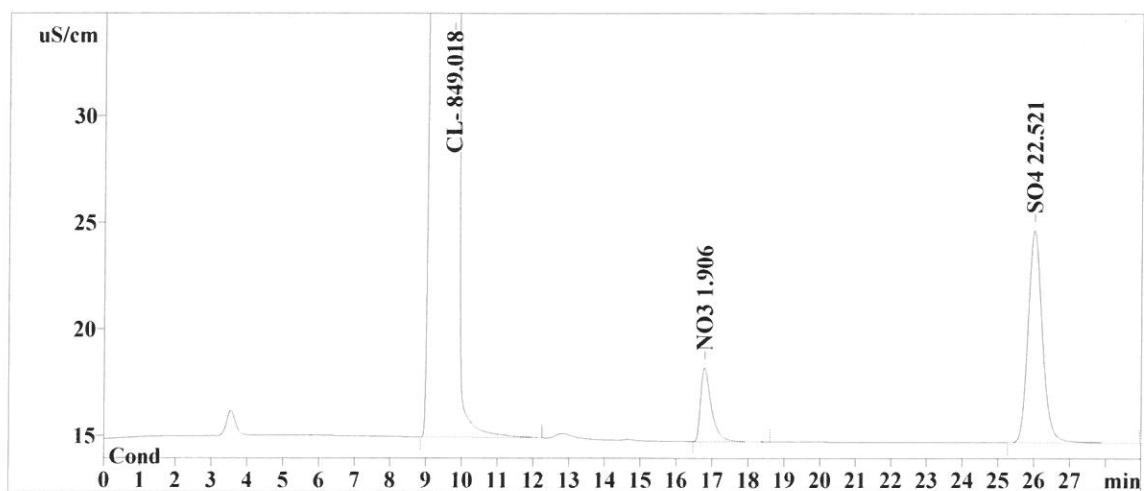
Ident: K3249-20DUP
Analysis from: 6/7/2019 7:20:51 PM
File: _2019-06-07_

Last save: 6/7/2019 7:49:40 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67186

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 62
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.75	0.495	475.98	97.23	13802.236	97.54	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	16.78	0.302	3.44	0.70	71.776	0.51	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.00	0.417	9.94	2.03	276.567	1.95	0.
7	29.00	0.173	489.37	99.96	14150.579	100.00	0.

This report has been created by IC Net
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Report date: 6/8/2019 8:20:37 AM
Printed by: wet

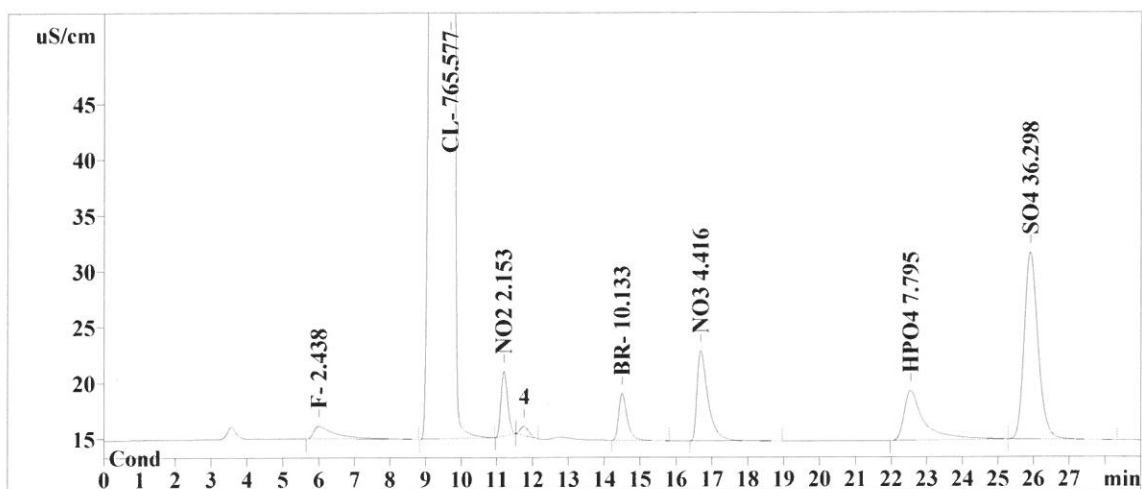
Ident: K3249-20MS
Analysis from: 6/7/2019 7:52:45 PM
File: _2019-06-07_

Last save: 6/7/2019 8:21:34 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67187

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 63
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.00	0.564	1.13	0.23	49.330	0.37	0.
2	9.68	0.467	454.22	91.64	12445.608	92.53	0.
3	11.20	0.199	5.77	1.16	73.211	0.54	0.
4	14.49	0.245	4.19	0.84	69.777	0.52	0.
5	16.68	0.303	8.05	1.62	170.688	1.27	0.
6	22.54	0.486	4.48	0.90	176.956	1.32	0.
7	25.91	0.407	16.74	3.38	450.859	3.35	0.
7	29.00	0.382	494.58	99.78	13436.429	99.90	0.

This report has been created by IC Net
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Report date: 6/8/2019 8:20:46 AM
Printed by: wet

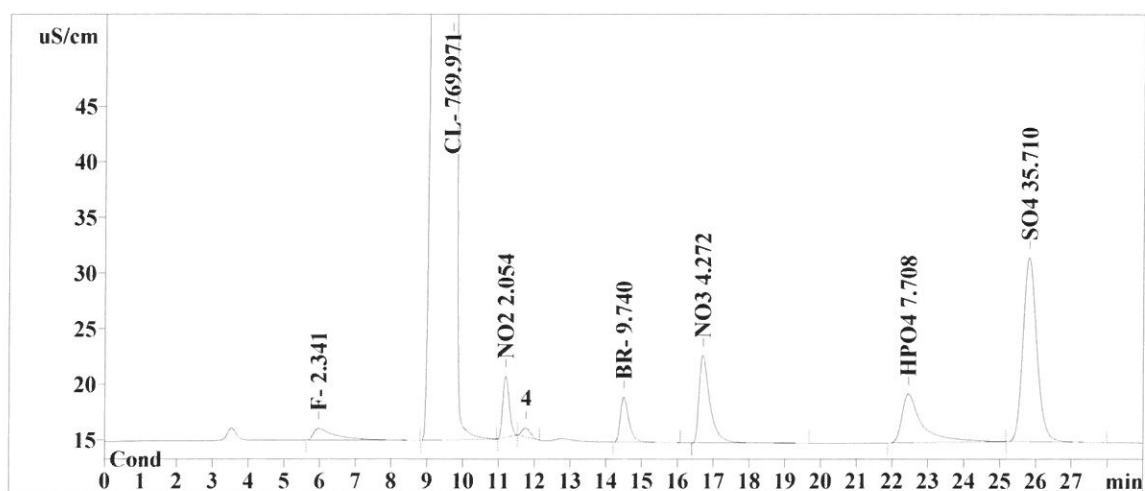
Ident: K3249-20MSD
Analysis from: 6/7/2019 8:24:40 PM
File: _2019-06-07_

Last save: 6/7/2019 8:53:28 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67188

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 64
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.580	1.05	0.21	47.227	0.35	0.
2	9.67	0.468	455.69	91.83	12517.050	92.73	0.
3	11.20	0.198	5.50	1.11	69.674	0.52	0.
4	14.50	0.245	4.02	0.81	67.010	0.50	0.
5	16.70	0.300	7.86	1.58	165.001	1.22	0.
6	22.46	0.484	4.43	0.89	175.115	1.30	0.
7	25.81	0.406	16.52	3.33	443.426	3.29	0.
7	29.00	0.383	495.06	99.76	13484.503	99.90	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:21:29 AM
Printed by: wet

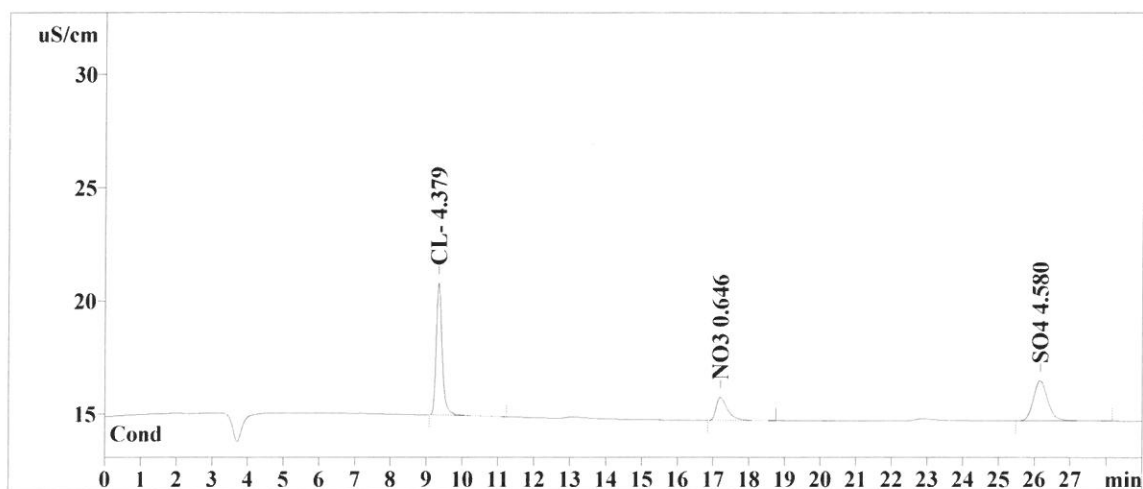
Ident: K3190-10DLX10
Analysis from: 6/7/2019 8:56:34 PM
File: _2019-06-07_

Last save: 6/8/2019 8:21:28 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67189

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.34	0.172	5.84	67.74	69.623	49.27	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	17.20	0.319	1.01	11.69	22.115	15.65	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.15	0.420	1.77	20.56	49.585	35.09	0.
7	29.00	0.130	8.62	99.99	141.323	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:22:01 AM
Printed by: wet

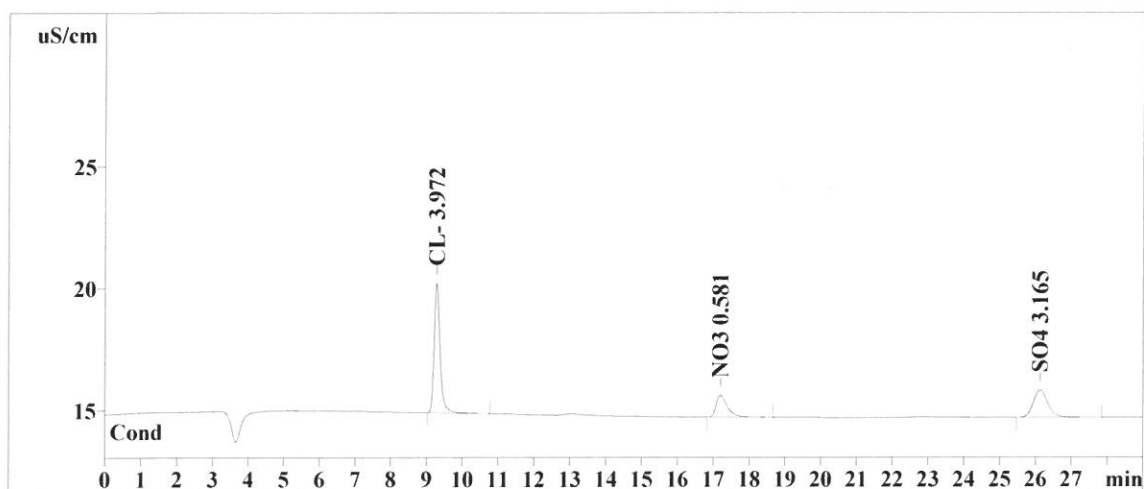
Ident: K3190-02DLX10
Analysis from: 6/7/2019 9:28:28 PM
File: _2019-06-07_

Last save: 6/8/2019 8:22:00 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67190

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.28	0.172	5.31	72.52	63.010	55.15	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	17.19	0.320	0.89	12.14	19.563	17.12	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.12	0.423	1.12	15.31	31.680	27.73	0.
7	29.00	0.131	7.32	99.98	114.252	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:22:18 AM
Printed by: wet

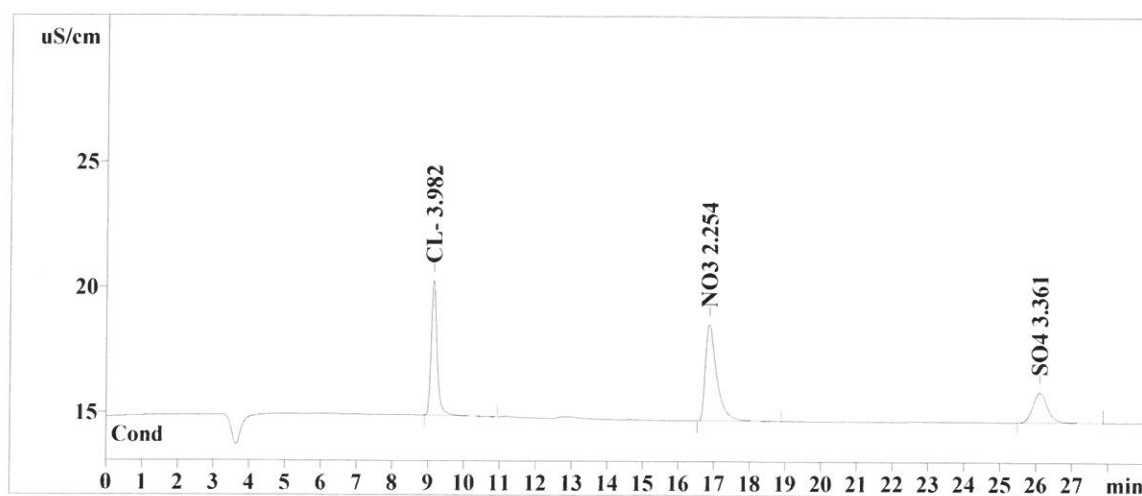
Ident: K3190-04DLX2
Analysis from: 6/7/2019 10:00:22 PM
File: _2019-06-07_

Last save: 6/7/2019 10:29:12 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67191

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.15	0.169	5.38	51.64	63.172	34.56	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	16.86	0.320	3.84	36.91	85.487	46.76	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.10	0.430	1.19	11.44	34.155	18.68	0.
7	29.00	0.131	10.41	100.00	182.815	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:22:27 AM
Printed by: wet

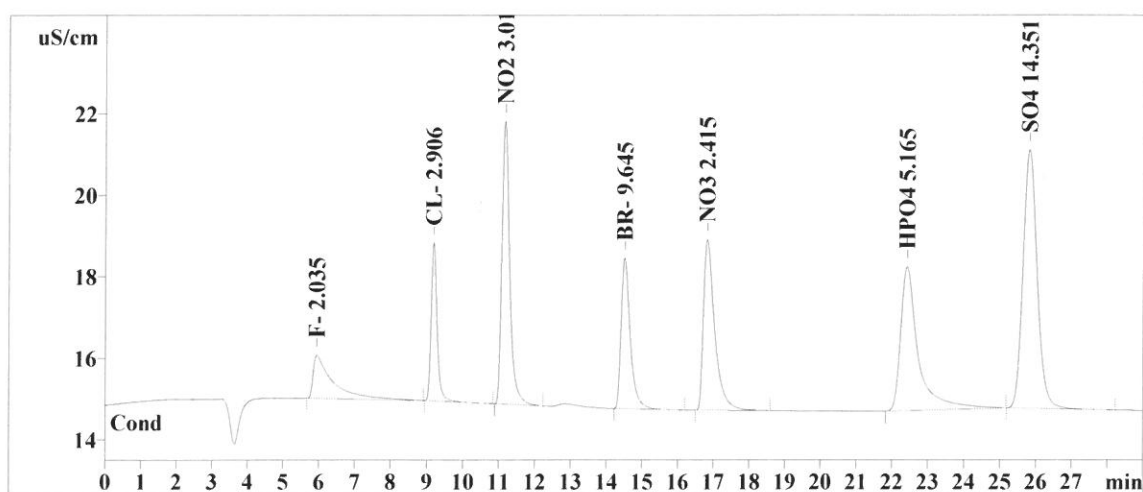
Ident: CCV
Analysis from: 6/7/2019 10:32:17 PM
File: _2019-06-07_

Last save: 6/7/2019 11:01:06 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67192

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.94	0.454	1.06	3.57	40.598	6.32	0.
2	9.19	0.171	3.88	13.09	45.673	7.11	0.
3	11.16	0.219	6.94	23.42	104.108	16.20	0.
4	14.51	0.261	3.70	12.47	66.338	10.32	0.
5	16.82	0.315	4.19	14.13	91.840	14.29	0.
6	22.41	0.438	3.53	11.91	120.925	18.82	0.
7	25.81	0.412	6.34	21.40	173.196	26.95	0.
7	29.00	0.324	29.63	99.99	642.677	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:22:35 AM
Printed by: wet

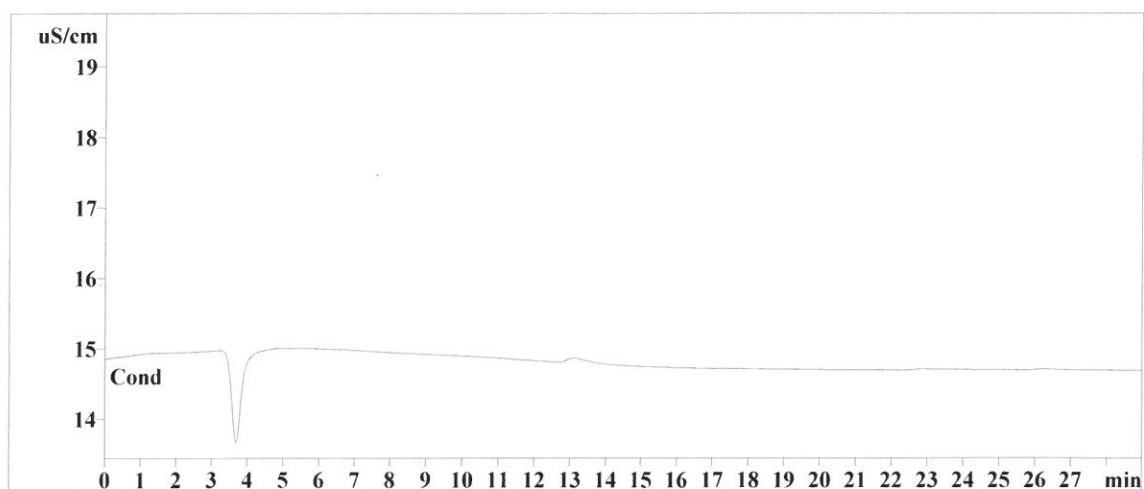
Ident: CCB
Analysis from: 6/7/2019 11:04:11 PM
File: _2019-06-07_

Last save: 6/7/2019 11:33:00 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67193

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:23:25 AM
Printed by: wet

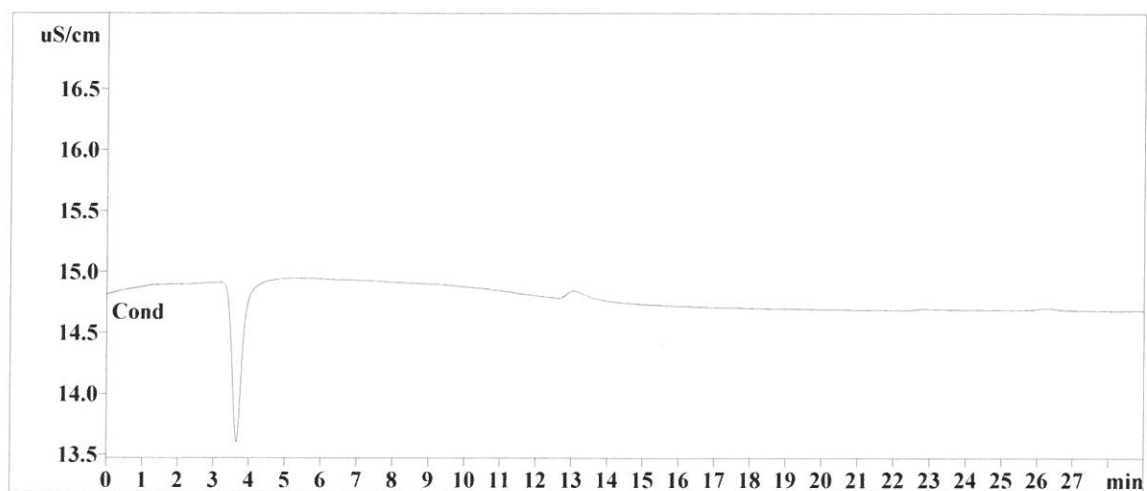
Ident: LB103292BLW2
Analysis from: 6/7/2019 11:36:05 PM
File: _2019-06-07_

Last save: 6/8/2019 8:23:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67194

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:23:33 AM
Printed by: wet

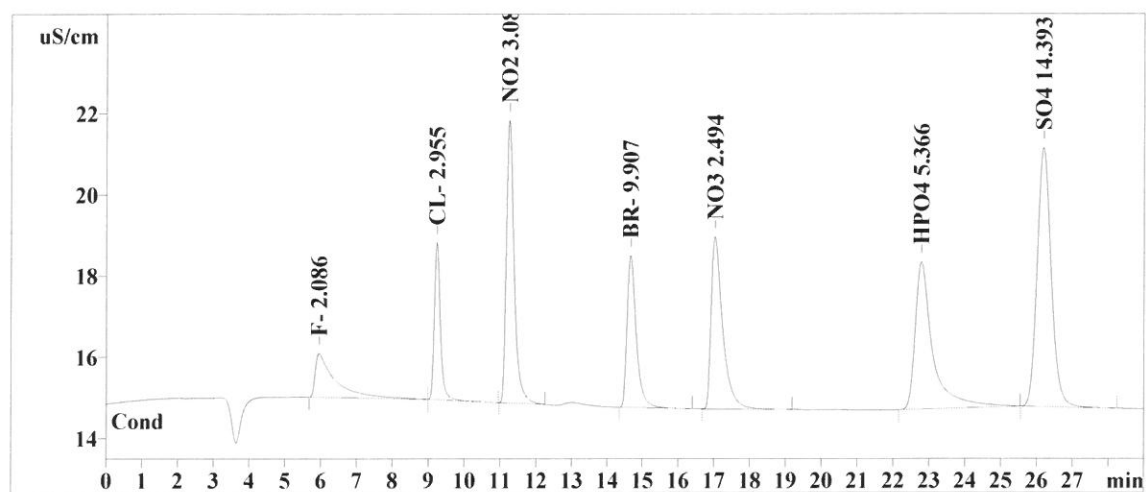
Ident: LB103292BSW2
Analysis from: 6/8/2019 12:08:00 AM
File: _2019-06-08_

Last save: 6/8/2019 8:23:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67195

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.95	0.465	1.07	3.59	41.696	6.35	0.
2	9.23	0.174	3.87	12.95	46.471	7.08	0.
3	11.25	0.223	6.97	23.32	106.472	16.21	0.
4	14.66	0.266	3.74	12.51	68.186	10.38	0.
5	17.03	0.322	4.23	14.16	94.962	14.46	0.
6	22.78	0.439	3.62	12.12	125.206	19.07	0.
7	26.18	0.411	6.38	21.34	173.734	26.45	0.
7	29.00	0.329	29.89	99.99	656.727	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:25:01 AM
Printed by: wet

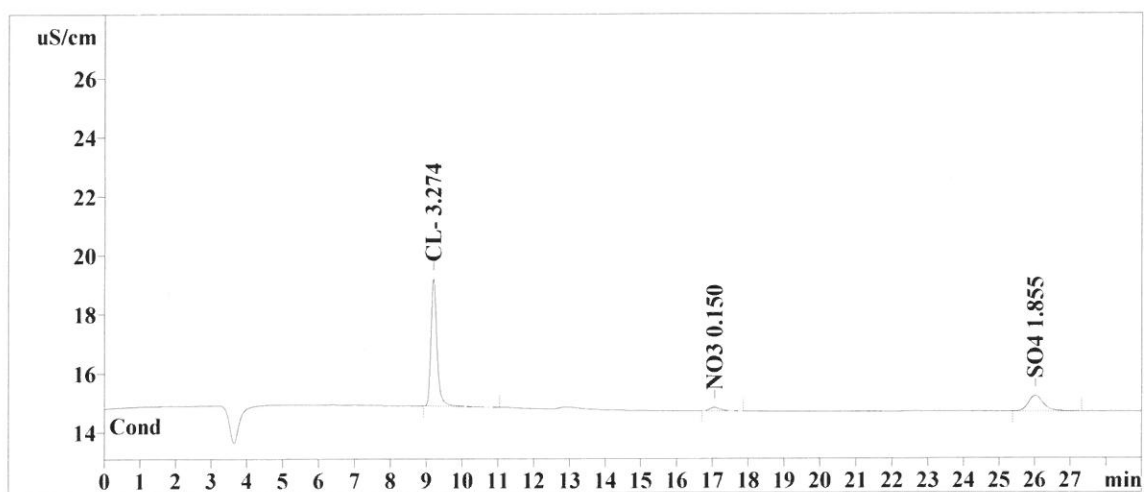
Ident: K3190-06DLX5
Analysis from: 6/8/2019 1:11:48 AM
File: _2019-06-08_

Last save: 6/8/2019 1:40:36 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67197

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 32
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.20	0.173	4.31	87.12	51.668	74.53	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	17.05	0.328	0.12	2.34	2.561	3.69	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.02	0.435	0.52	10.53	15.099	21.78	0.
7	29.00	0.134	4.94	99.99	69.328	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:25:31 AM
Printed by: wet

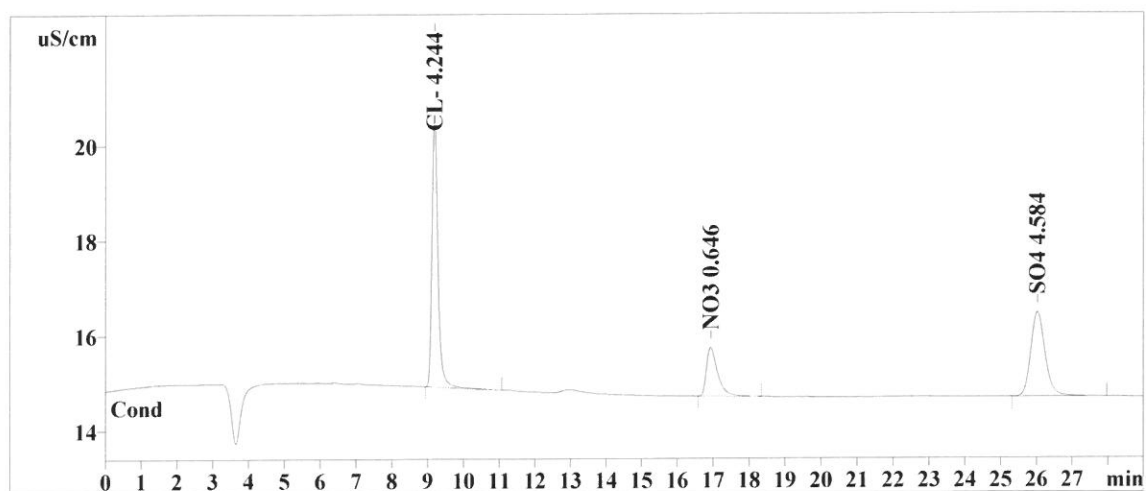
Ident: K3190-08DL2X10
Analysis from: 6/8/2019 1:43:42 AM
File: _2019-06-08_

Last save: 6/8/2019 2:12:30 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67198

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 33
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.171	5.72	67.17	67.433	48.46	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	16.93	0.315	1.02	12.01	22.095	15.88	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.03	0.419	1.77	20.81	49.625	35.66	0.
7	29.00	0.129	8.52	100.00	139.153	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:26:02 AM
Printed by: wet

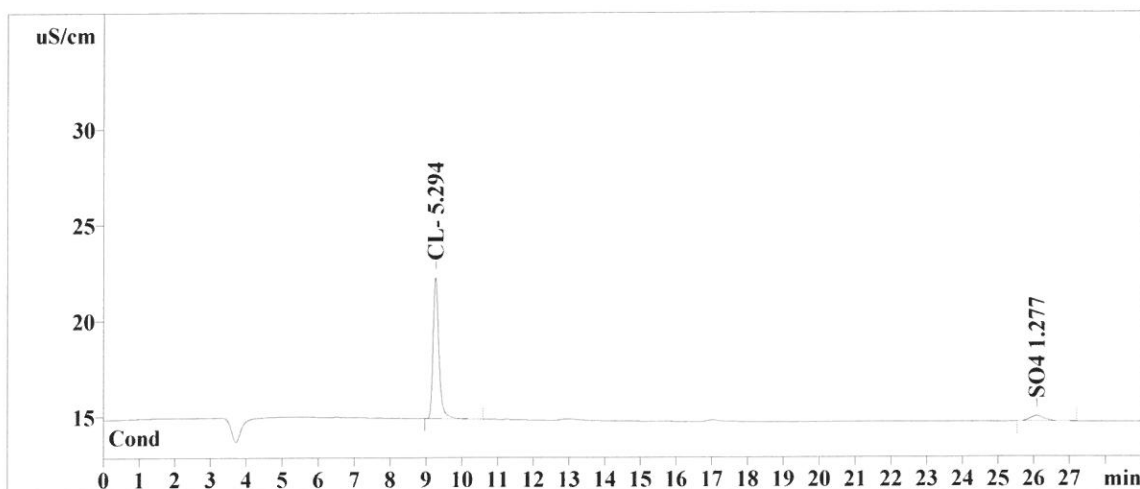
Ident: K3190-15DLX10
Analysis from: 6/8/2019 2:15:37 AM
File: _2019-06-08_

Last save: 6/8/2019 8:26:00 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67199

Last save: 5/30/2019 2:14:16 PM

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 uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.26	0.167	7.36	96.42	84.496	91.56	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	26.08	0.427	0.27	3.58	7.788	8.44	0.
7	29.00	0.085	7.63	100.00	92.284	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:26:17 AM
Printed by: wet

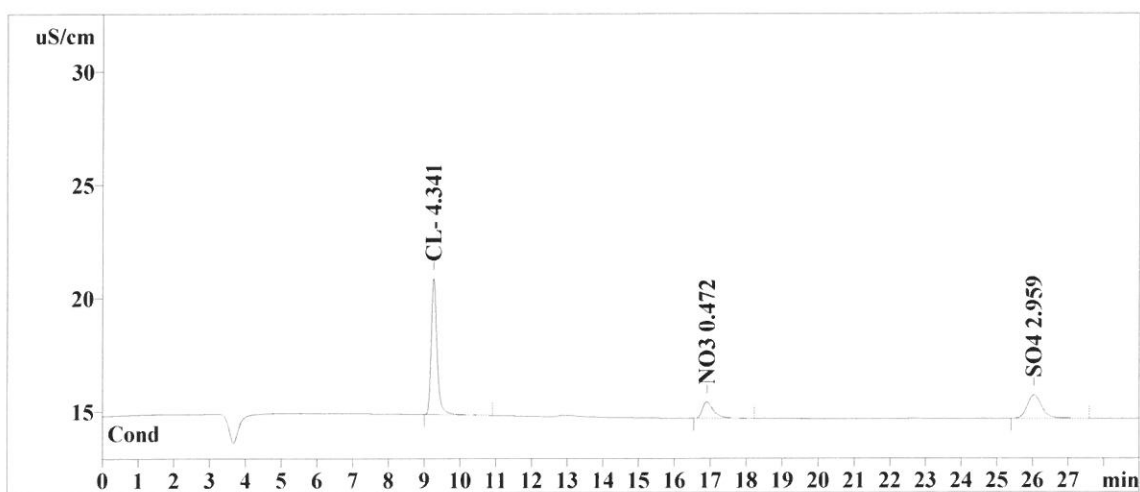
Ident: K3190-18DLX2
Analysis from: 6/8/2019 2:47:31 AM
File: _2019-06-08_

Last save: 6/8/2019 3:16:20 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67200

Last save: 5/30/2019 2:14:16 PM

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 uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.26	0.167	5.99	77.36	69.016	60.88	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	16.90	0.313	0.71	9.23	15.271	13.47	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.04	0.421	1.04	13.39	29.075	25.65	0.
7	29.00	0.129	7.74	99.99	113.362	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:26:56 AM
Printed by: wet

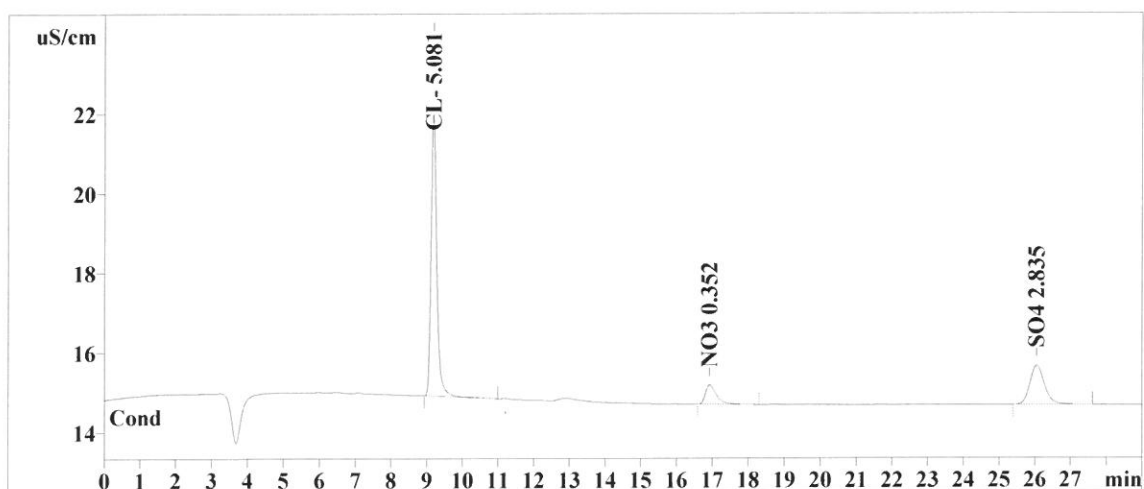
Ident: K3221-06DLX10
Analysis from: 6/8/2019 3:19:25 AM
File: _2019-06-08_

Last save: 6/8/2019 3:48:14 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67201

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 65
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.18	0.166	7.07	82.80	81.042	68.06	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	16.93	0.314	0.49	5.70	10.540	8.85	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.05	0.421	0.98	11.49	27.498	23.09	0.
7	29.00	0.129	8.54	99.98	119.080	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:27:31 AM
Printed by: wet

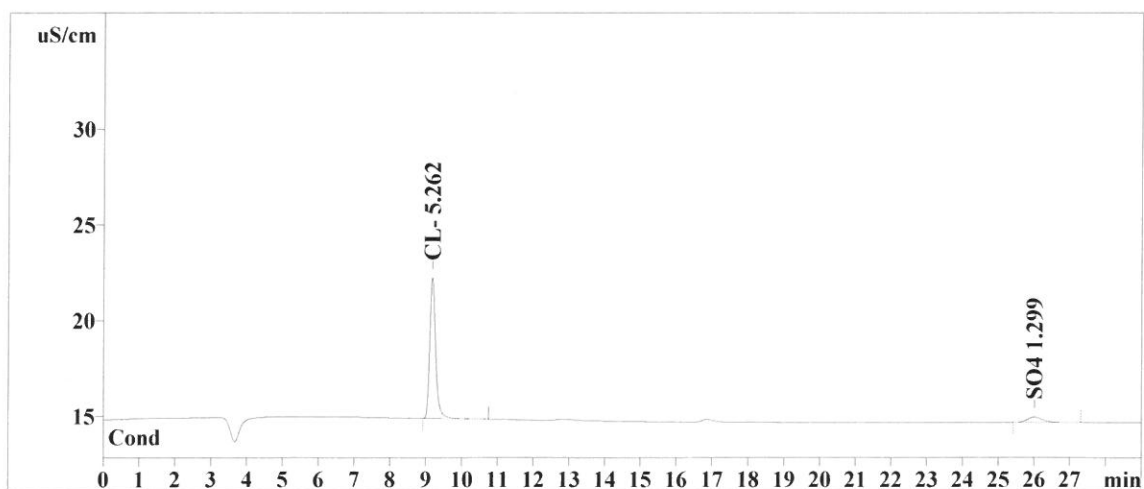
Ident: K3221-07DLX20
Analysis from: 6/8/2019 3:51:19 AM
File: _2019-06-08_

Last save: 6/8/2019 8:27:30 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67202

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 66
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.17	0.166	7.36	96.35	83.978	91.23	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	26.01	0.430	0.28	3.63	8.074	8.77	0.
7	29.00	0.085	7.64	99.98	92.052	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:27:49 AM
Printed by: wet

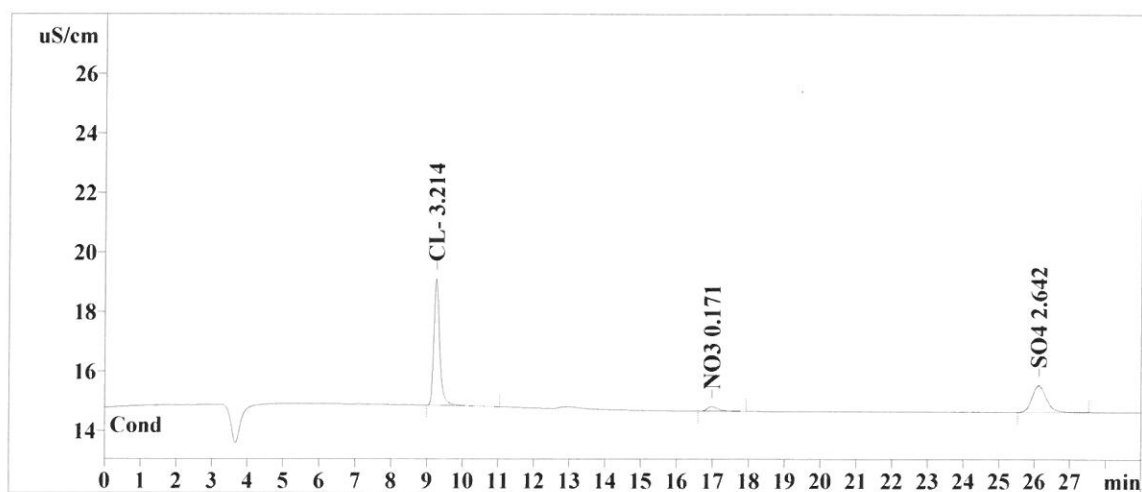
Ident: K3221-08DLX5
Analysis from: 6/8/2019 4:23:13 AM
File: _2019-06-08_

Last save: 6/8/2019 4:52:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67203

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 67
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.25	0.172	4.25	80.19	50.689	64.06	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	16.97	0.326	0.15	2.87	3.374	4.26	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.12	0.421	0.90	16.90	25.066	31.68	0.
7	29.00	0.131	5.30	99.97	79.128	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:27:59 AM
Printed by: wet

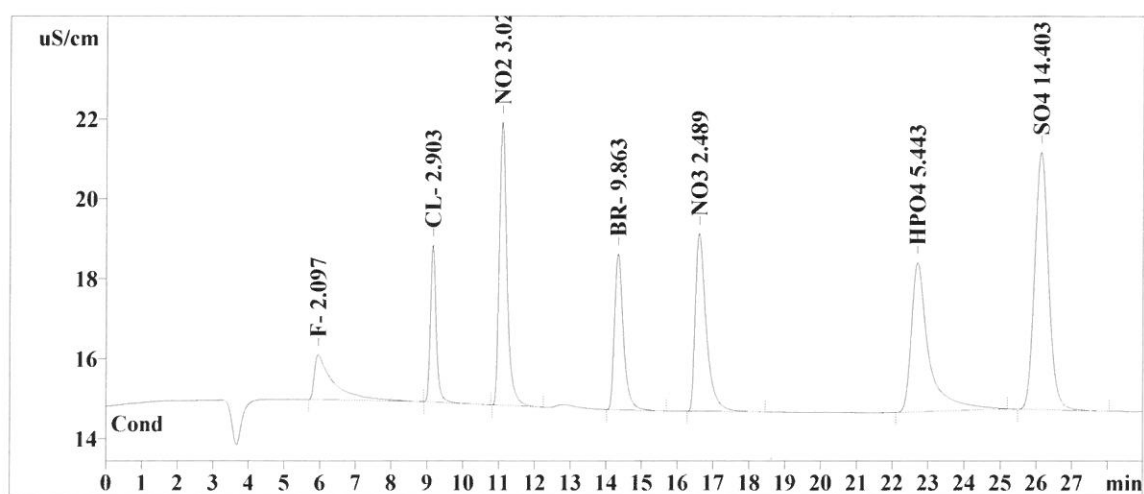
Ident: CCV
Analysis from: 6/8/2019 4:55:07 AM
File: _2019-06-08_

Last save: 6/8/2019 6:23:36 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67204

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.95	0.444	1.12	3.66	41.941	6.40	0.
2	9.15	0.169	3.92	12.81	45.627	6.96	0.
3	11.09	0.215	7.08	23.13	104.240	15.91	0.
4	14.33	0.256	3.89	12.71	67.878	10.36	0.
5	16.59	0.308	4.45	14.53	94.737	14.46	0.
6	22.70	0.437	3.72	12.16	126.845	19.36	0.
7	26.12	0.409	6.43	21.00	173.852	26.54	0.
7	29.00	0.320	30.60	99.99	655.120	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/8/2019 8:28:07 AM
Printed by: wet

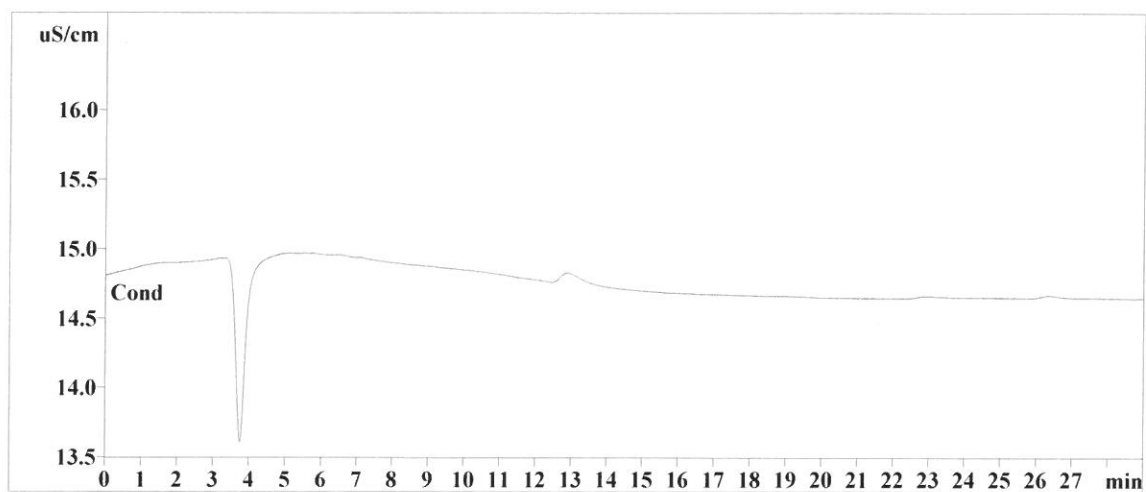
Ident: CCB
Analysis from: 6/8/2019 5:27:01 AM
File: _2019-06-08_

Last save: 6/8/2019 5:55:50 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67205

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 21
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: 6/10/2019 1:48:54 PM
Printed by: wet

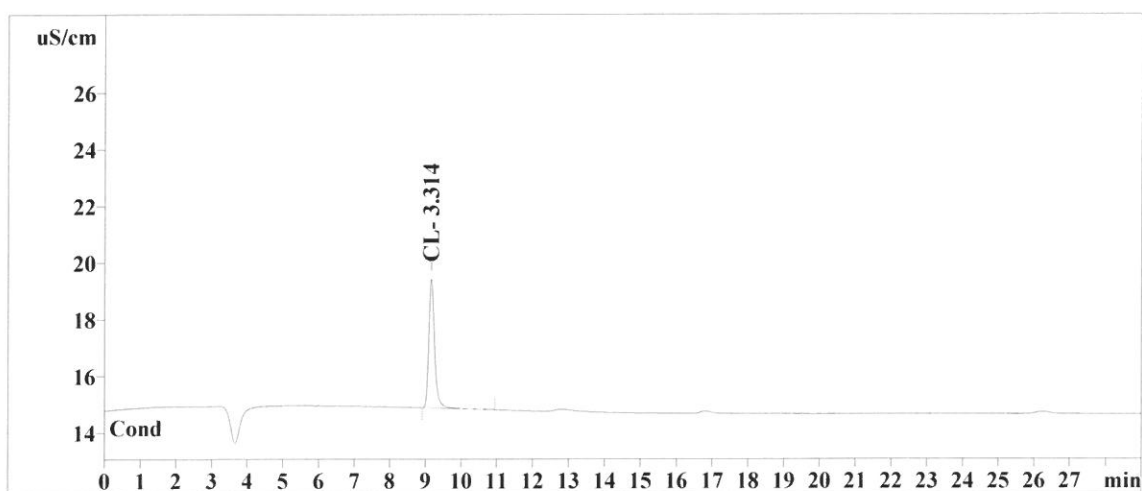
Ident: K3221-04DLX50
Analysis from: 6/8/2019 6:37:43 AM
File: _2019-06-08_

Last save: 6/10/2019 1:48:54 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67207

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 68
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.167	4.54	100.00	52.312	100.00	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	29.00	0.024	4.54	100.00	52.312	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:49:21 PM
Printed by: wet

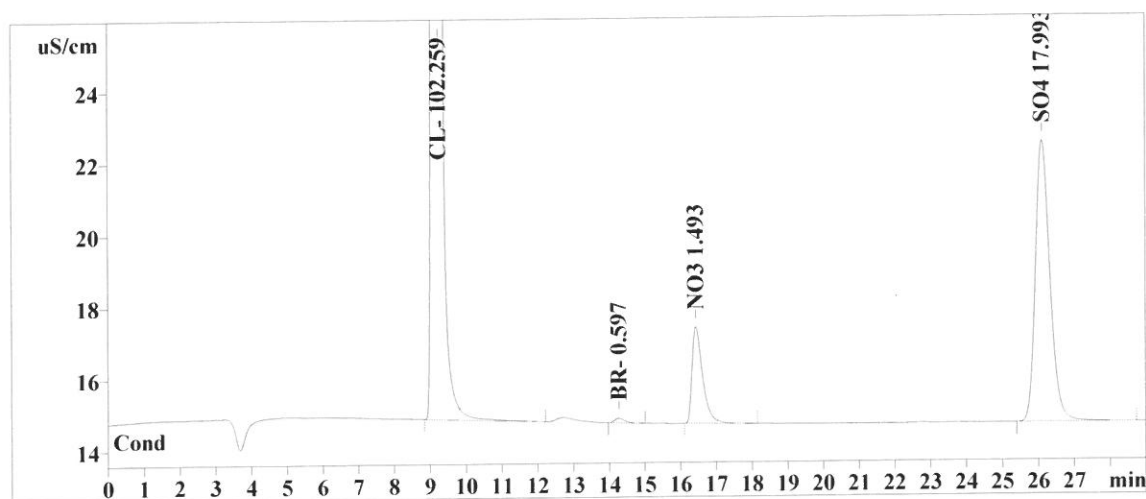
Ident: K3279-03
Analysis from: 6/8/2019 7:10:24 AM
File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67208

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 86
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.24	0.180	140.49	92.95	1661.016	85.70	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.27	0.290	0.13	0.09	2.490	0.13	0.
5	16.42	0.300	2.69	1.78	55.498	2.86	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.12	0.421	7.83	5.18	219.281	11.31	0.
7	29.00	0.170	151.14	100.00	1938.285	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:49:59 PM
Printed by: wet

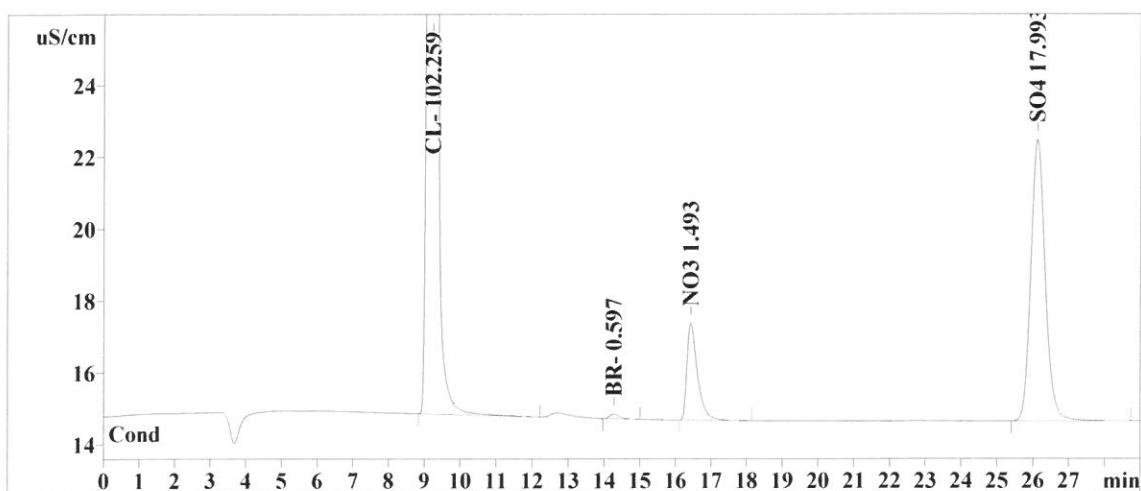
Ident: K3279-03
Analysis from: 6/8/2019 7:10:24 AM
File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67208

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 86
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.24	0.180	140.49	92.95	1661.016	85.70	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.27	0.290	0.13	0.09	2.490	0.13	0.
5	16.42	0.300	2.69	1.78	55.498	2.86	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.12	0.421	7.83	5.18	219.281	11.31	0.
7	29.00	0.170	151.14	100.00	1938.285	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:50:20 PM
 Printed by: wet

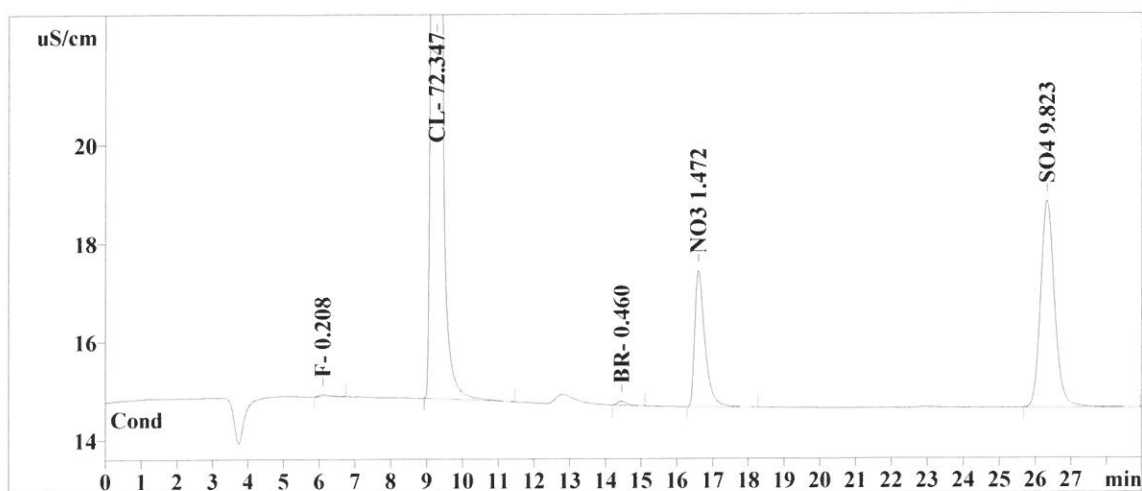
Ident: K3279-02
 Analysis from: 6/8/2019 7:42:18 AM
 File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67209

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
 : AK/AP
 Vial number: 87
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.10	0.413	0.04	0.03	1.005	0.07	0.
2	9.27	0.168	104.12	93.63	1174.694	87.16	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.45	0.285	0.08	0.07	1.522	0.11	0.
5	16.60	0.289	2.76	2.48	54.665	4.06	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.33	0.414	4.20	3.77	115.914	8.60	0.
7	29.00	0.224	111.19	100.00	1347.800	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/10/2019 1:50:44 PM
Printed by: wet

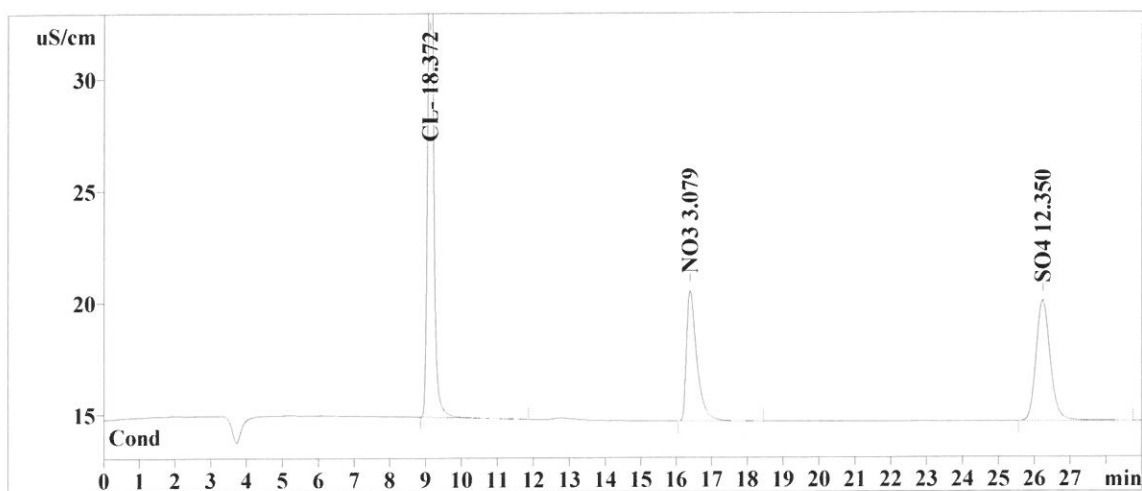
Ident: K3249-06DLX2
Analysis from: 6/8/2019 8:14:13 AM
File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67210

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 76
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.13	0.156	27.74	71.22	297.133	52.78	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	16.39	0.292	5.83	14.96	117.990	20.96	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.23	0.412	5.38	13.82	147.884	26.27	0.
7	29.00	0.123	38.94	100.00	563.007	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:50:56 PM
 Printed by: wet

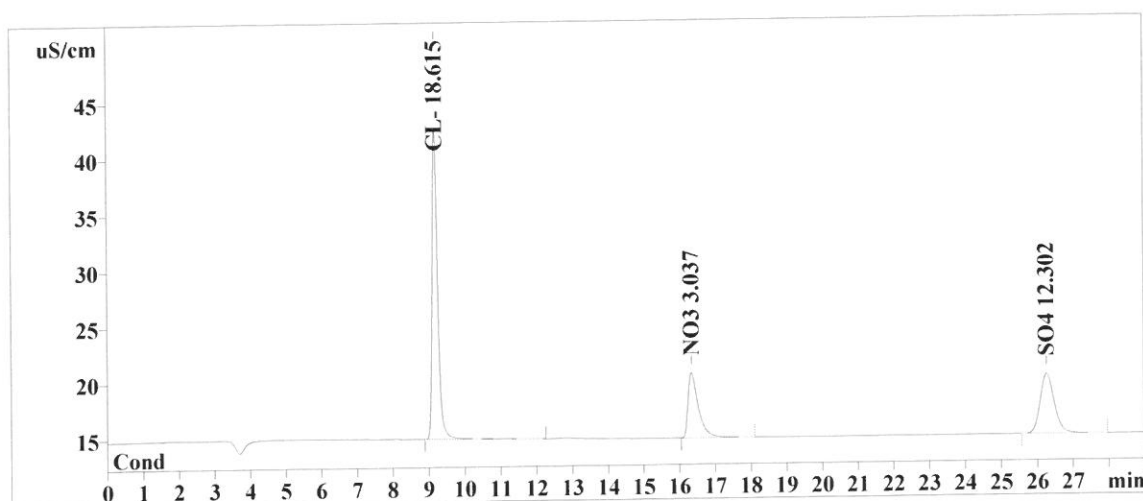
Ident: K3249-09DLX2
 Analysis from: 6/8/2019 8:46:13 AM
 File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67211

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
 : AK/AP
 Vial number: 79
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.158	27.73	71.34	301.081	53.32	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	16.34	0.290	5.80	14.92	116.364	20.61	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.26	0.415	5.34	13.75	147.275	26.08	0.
7	29.00	0.123	38.87	100.00	564.720	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/10/2019 1:51:13 PM
Printed by: wet

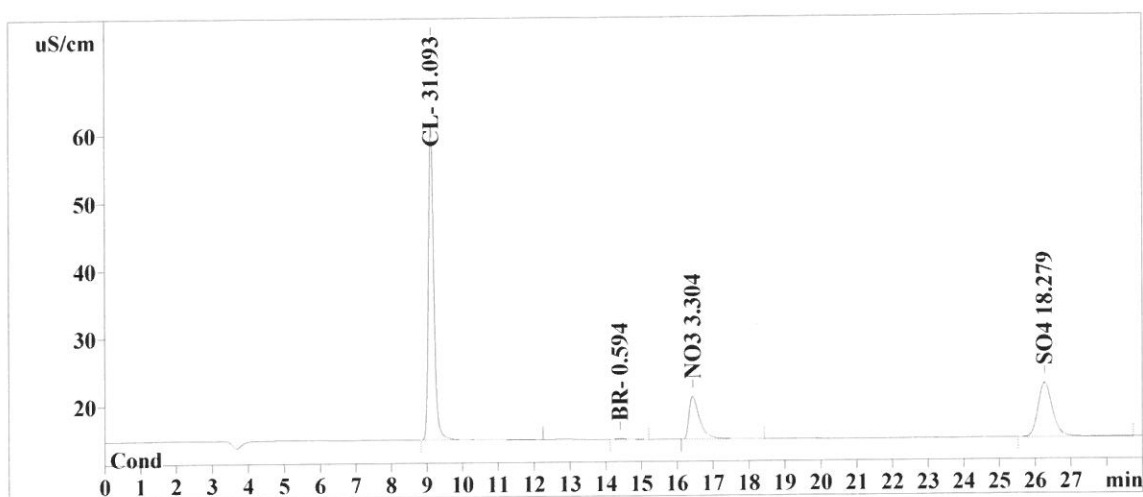
Ident: K3249-05DLX2
Analysis from: 6/8/2019 9:18:07 AM
File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67212

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 98
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.13	0.159	46.55	76.41	503.951	58.86	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.40	0.265	0.14	0.22	2.466	0.29	0.
5	16.44	0.291	6.28	10.31	126.853	14.82	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.26	0.421	7.96	13.06	222.890	26.03	0.
7	29.00	0.162	60.92	100.00	856.160	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:51:46 PM
Printed by: wet

Ident: K3265-13
Analysis from: 6/8/2019 9:50:18 AM
File: _2019-06-08_

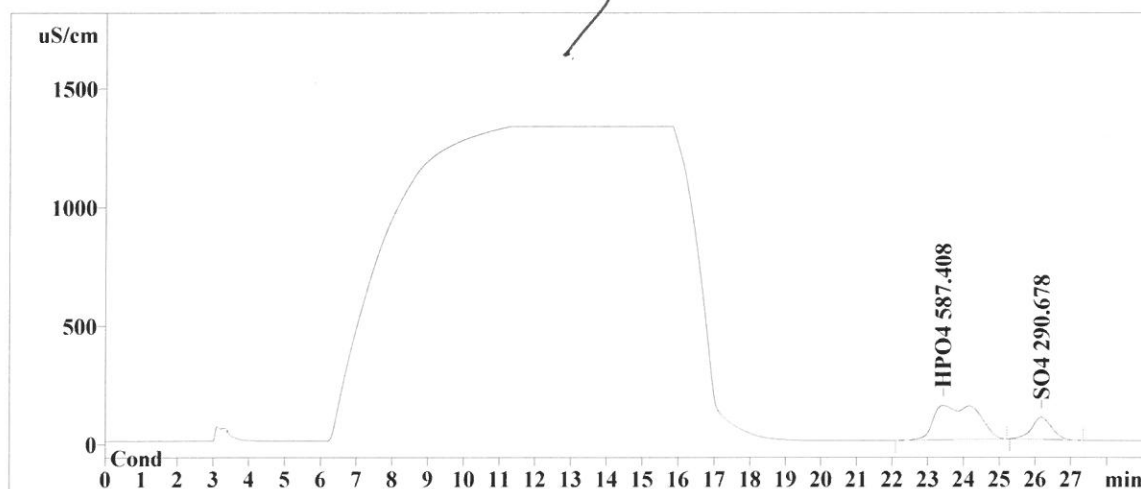
Last save: 6/10/2019 12:55:52 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67213

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 97
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

*before peak was not integrated
by software.*
06/10/19 RB



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	0.00	0.000	0.00	0.00	0.000	0.00	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	0.00	0.000	0.00	0.00	0.000	0.00	0.
6	23.42	1.477	144.84	60.70	12528.176	77.35	0.
7	26.17	0.582	93.77	39.30	3669.195	22.65	0.
7	29.00	0.294	238.61	100.00	16197.371	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:33:42 PM
Printed by: wet

Ident: K3265-13
Analysis from: 6/8/2019 9:50:18 AM
File: _2019-06-08_

Last save: 6/10/2019 2:33:42 PM

Manual peaks!

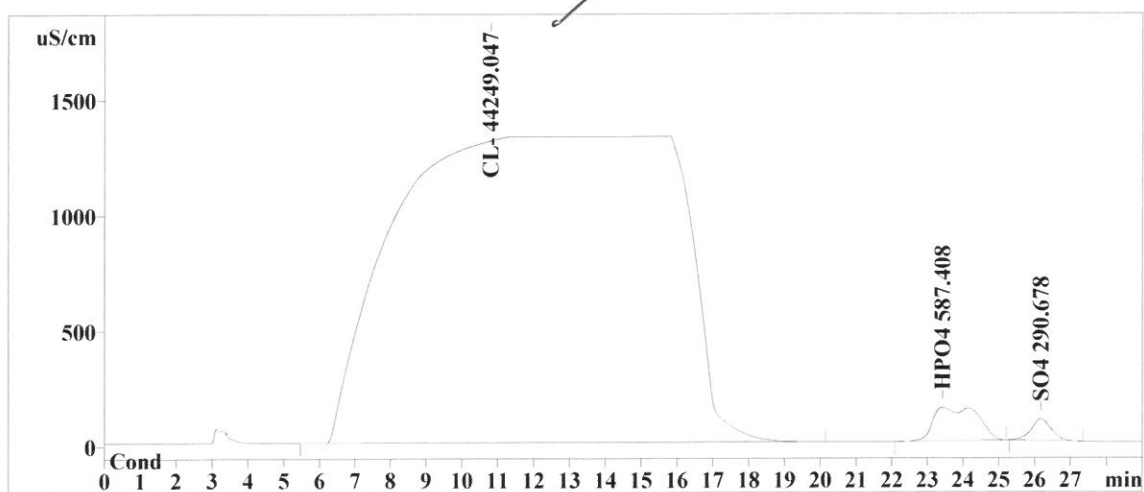
Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67213

Last save: 5/30/2019 2:14:16 PM

SAMPLE:

: AK/AP
Vial number: 97
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000

After 06/10/19



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	10.80	9.320	1307.45	84.57	719424.213	97.80	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	23.42	1.477	144.84	9.37	12528.176	1.70	0.
7	26.17	0.582	93.77	6.06	3669.195	0.50	0.
7	29.00	1.626	1546.06	100.00	735621.584	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:54:18 PM
Printed by: wet

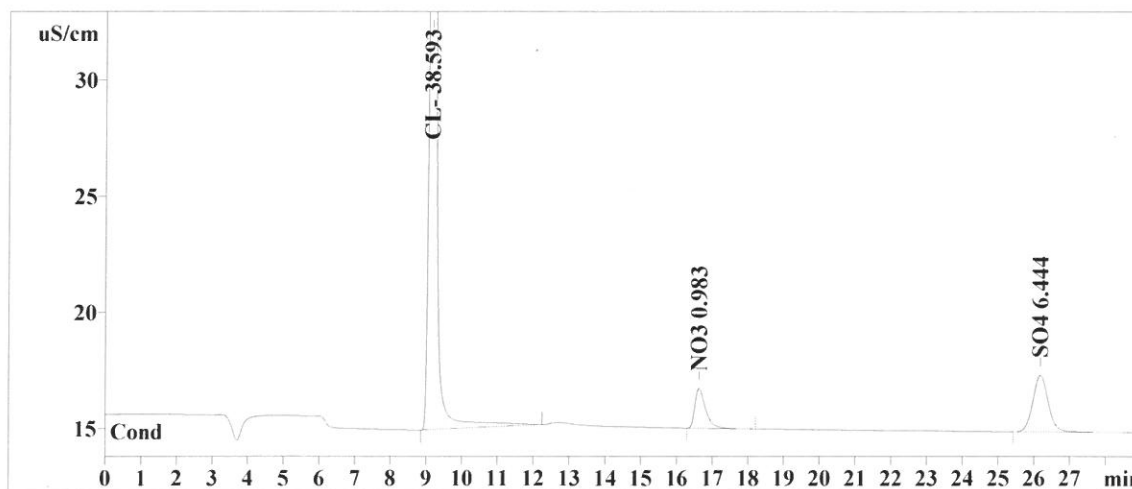
Ident: K3279-05
Analysis from: 6/8/2019 10:22:12 AM
File: _2019-06-08_

Last save: 6/10/2019 1:54:18 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67214

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 88
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.160	55.06	93.00	625.898	85.22	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	16.62	0.303	1.71	2.88	35.394	4.82	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.17	0.451	2.44	4.12	73.157	9.96	0.
7	29.00	0.131	59.20	100.00	734.450	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:54:46 PM
Printed by: wet

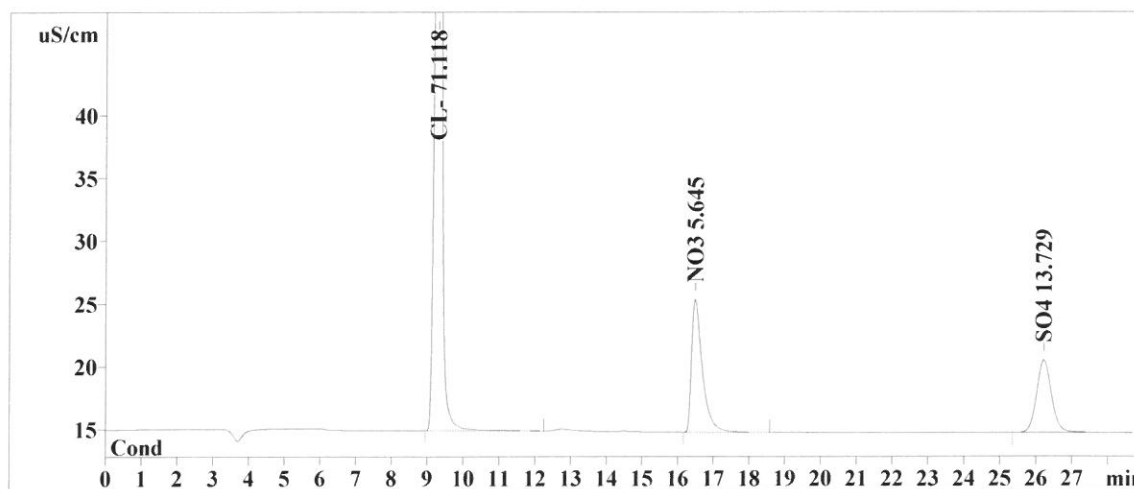
Ident: K3279-04
Analysis from: 6/8/2019 10:54:07 AM
File: _2019-06-08_

Last save: 6/10/2019 1:54:40 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67215

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 89
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.30	0.168	101.92	86.22	1154.713	75.02	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	16.49	0.299	10.52	8.90	219.124	14.24	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.21	0.432	5.76	4.87	165.334	10.74	0.
7	29.00	0.128	118.20	100.00	1539.171	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:55:10 PM
Printed by: wet

Ident: K3279-07
Analysis from: 6/8/2019 11:26:01 AM
File: _2019-06-08_

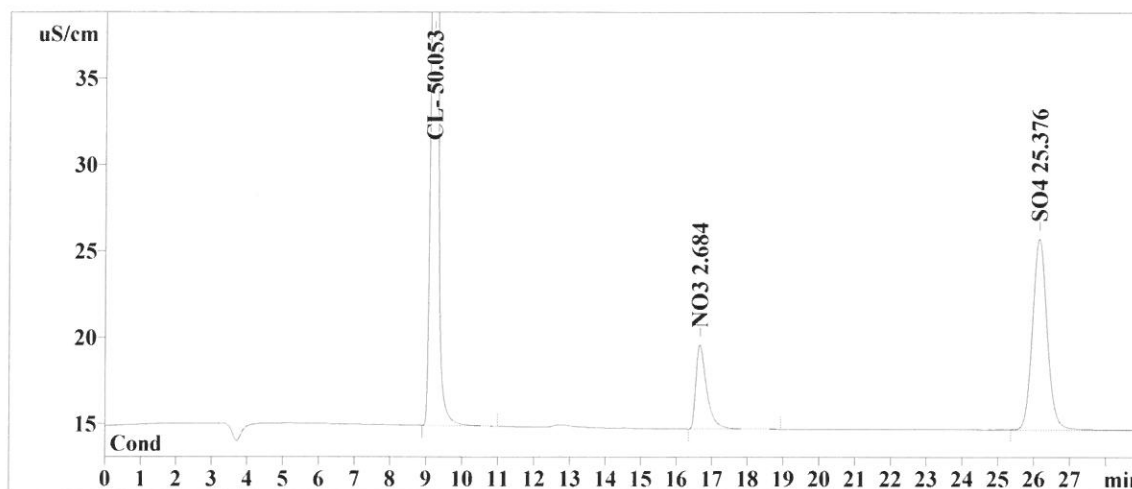
Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67216

Last save: 5/30/2019 2:14:16 PM

SAMPLE:

: AK/AP
Vial number: 90
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.22	0.163	73.82	82.29	812.213	66.18	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	16.65	0.305	4.85	5.41	102.421	8.35	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.14	0.427	11.04	12.30	312.682	25.48	0.
7	29.00	0.128	89.71	100.00	1227.316	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:55:19 PM
Printed by: wet

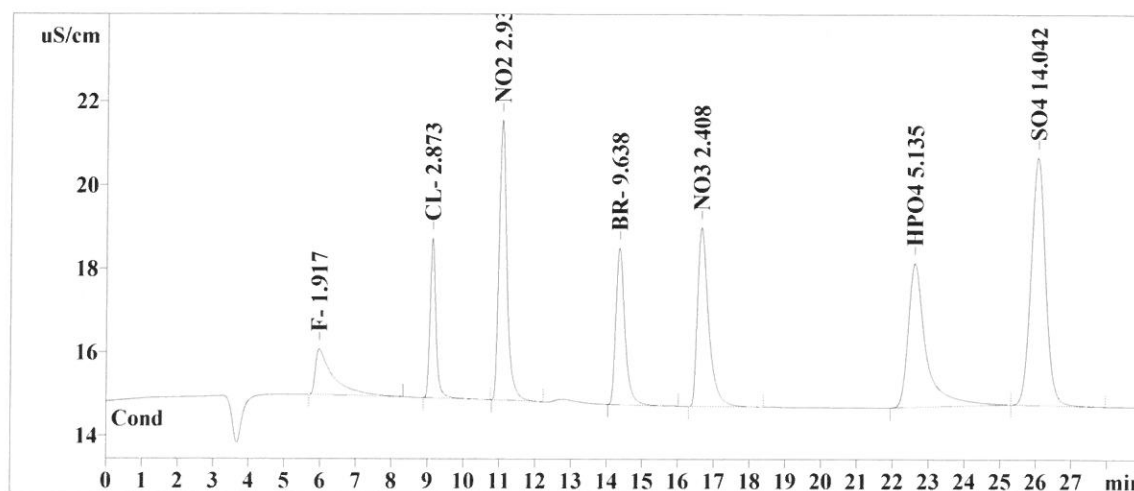
Ident: CCV
Analysis from: 6/8/2019 11:57:55 AM
File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67217

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.97	0.433	1.09	3.76	38.037	6.02	0.
2	9.13	0.171	3.81	13.17	45.134	7.15	0.
3	11.06	0.219	6.69	23.10	100.991	15.99	0.
4	14.35	0.259	3.74	12.91	66.288	10.50	0.
5	16.64	0.311	4.27	14.74	91.540	14.49	0.
6	22.61	0.449	3.44	11.87	120.270	19.04	0.
7	26.04	0.433	5.92	20.44	169.294	26.81	0.
7	29.00	0.325	28.97	100.00	631.554	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:55:28 PM
Printed by: wet

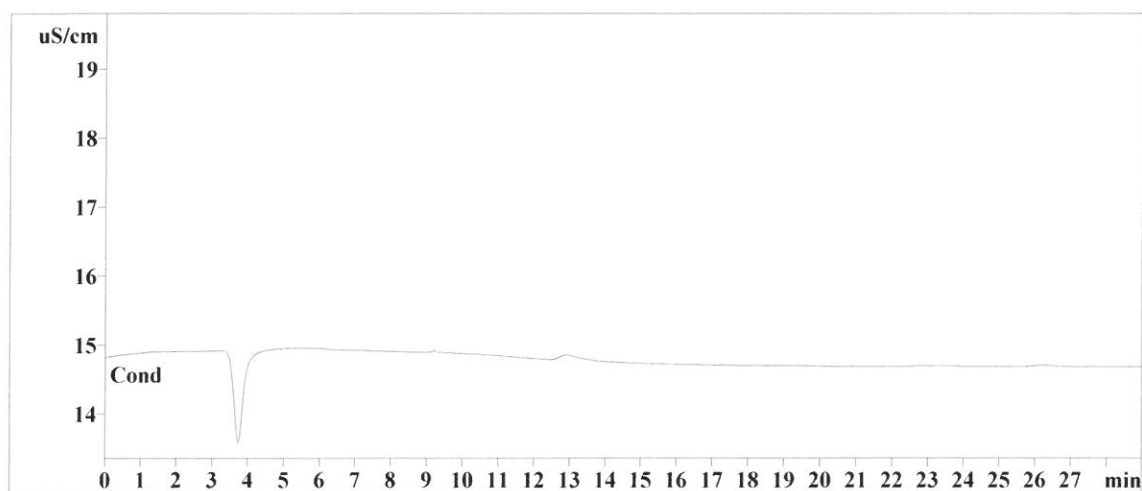
Ident: CCB
Analysis from: 6/8/2019 12:29:50 PM
File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67218

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 21
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: 6/10/2019 1:55:37 PM
Printed by: wet

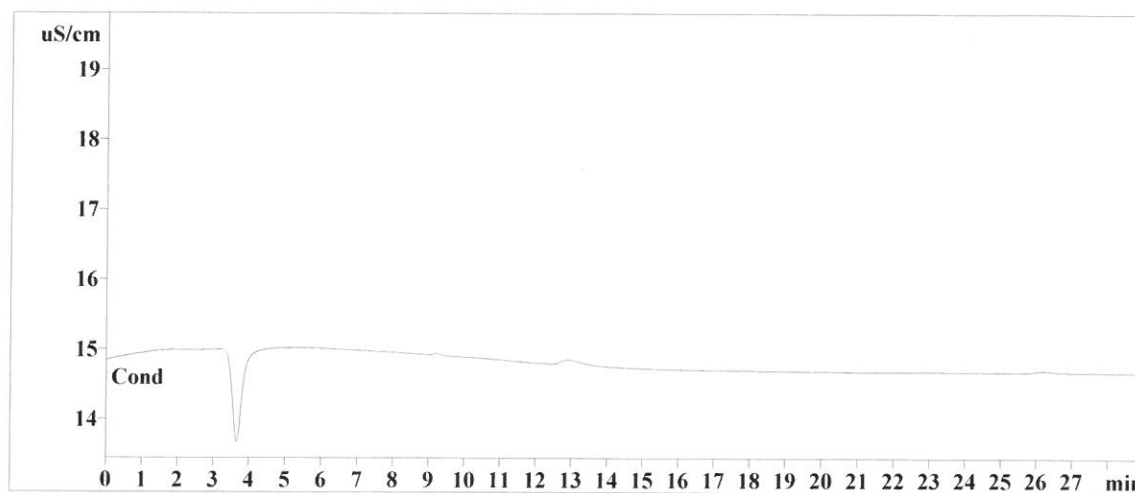
Ident: LB103292BLW3
Analysis from: 6/8/2019 1:01:44 PM
File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67219

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:55:44 PM
 Printed by: wet

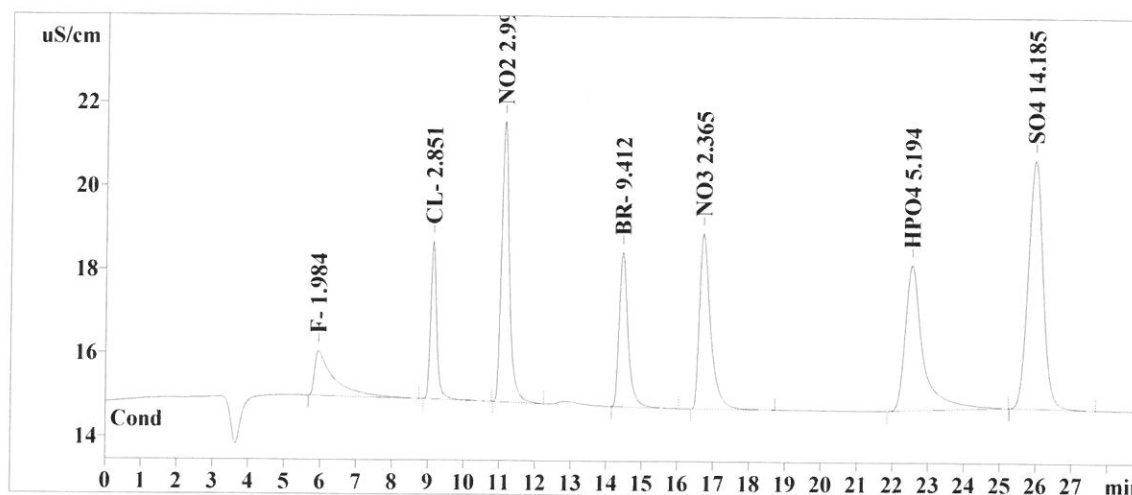
Ident: LB103292BSW3
 Analysis from: 6/8/2019 1:33:38 PM
 File: _2019-06-08_

Last save: 6/10/2019 11:15:48 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67220

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.94	0.448	1.07	3.72	39.491	6.22	0.
2	9.13	0.172	3.77	13.07	44.784	7.06	0.
3	11.11	0.224	6.70	23.24	103.178	16.26	0.
4	14.44	0.256	3.69	12.81	64.693	10.19	0.
5	16.70	0.310	4.19	14.52	89.853	14.16	0.
6	22.52	0.448	3.47	12.03	121.543	19.15	0.
7	25.95	0.437	5.94	20.61	171.103	26.96	0.
7	29.00	0.328	28.83	99.99	634.646	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/10/2019 1:56:16 PM
Printed by: wet

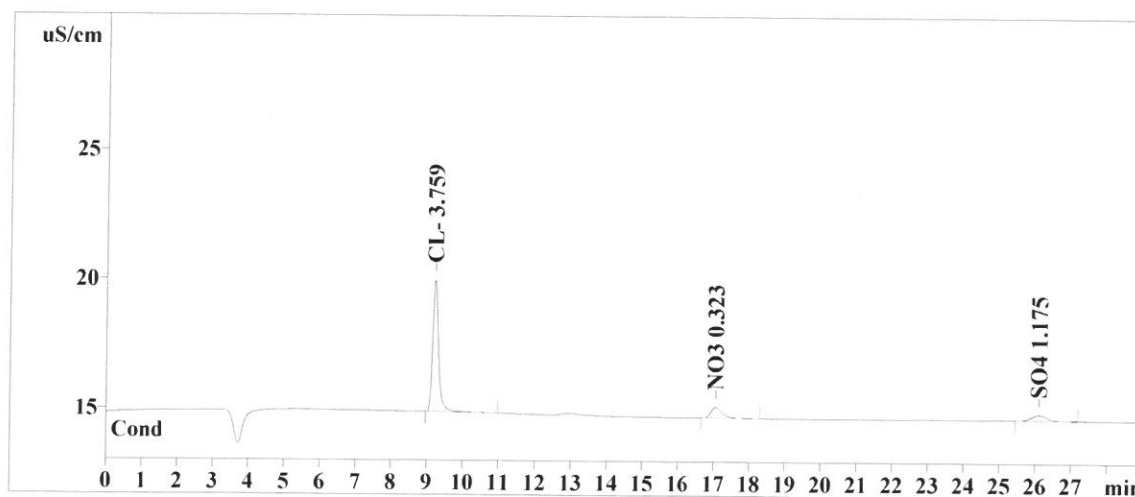
Ident: K3249-14DLX20
Analysis from: 6/8/2019 2:05:32 PM
File: _2019-06-08_

Last save: 6/10/2019 11:15:50 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67221

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 82
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.22	0.169	5.08	88.86	59.539	78.94	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	17.06	0.329	0.42	7.29	9.383	12.44	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.10	0.450	0.22	3.82	6.503	8.62	0.
7	29.00	0.135	5.72	99.97	75.425	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:56:33 PM
Printed by: wet

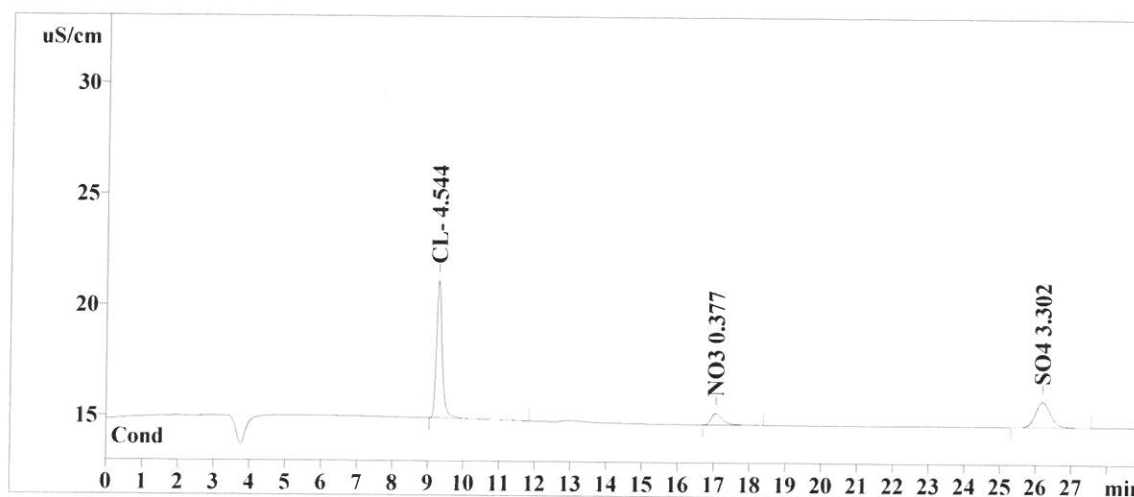
Ident: K3249-16DLX10
Analysis from: 6/8/2019 2:37:26 PM
File: _2019-06-08_

Last save: 6/10/2019 11:15:50 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67222

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 83
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.29	0.168	6.18	78.86	72.314	61.67	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	17.05	0.330	0.51	6.51	11.531	9.83	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.20	0.441	1.15	14.62	33.414	28.50	0.
7	29.00	0.134	7.84	99.99	117.260	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:57:14 PM
Printed by: wet

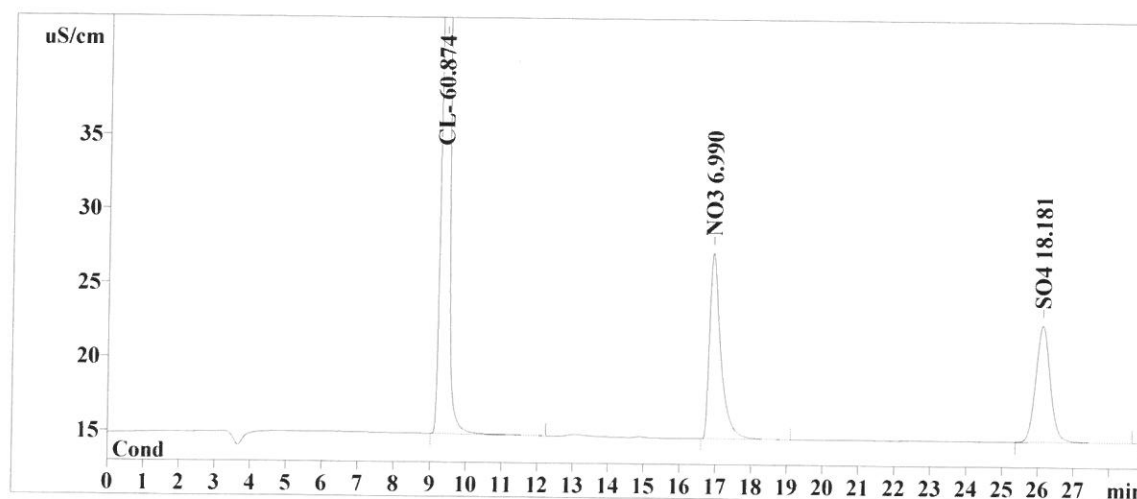
Ident: K3279-06
Analysis from: 6/8/2019 3:09:20 PM
File: _2019-06-08_

Last save: 6/10/2019 1:57:14 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67223

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 91
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.36	0.170	86.27	80.90	988.157	66.68	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	16.91	0.309	12.53	11.75	272.159	18.36	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.12	0.426	7.84	7.35	221.657	14.96	0.
7	29.00	0.129	106.63	100.00	1481.973	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:57:30 PM
Printed by: wet

Ident: K3279-09
Analysis from: 6/8/2019 3:41:15 PM
File: _2019-06-08_

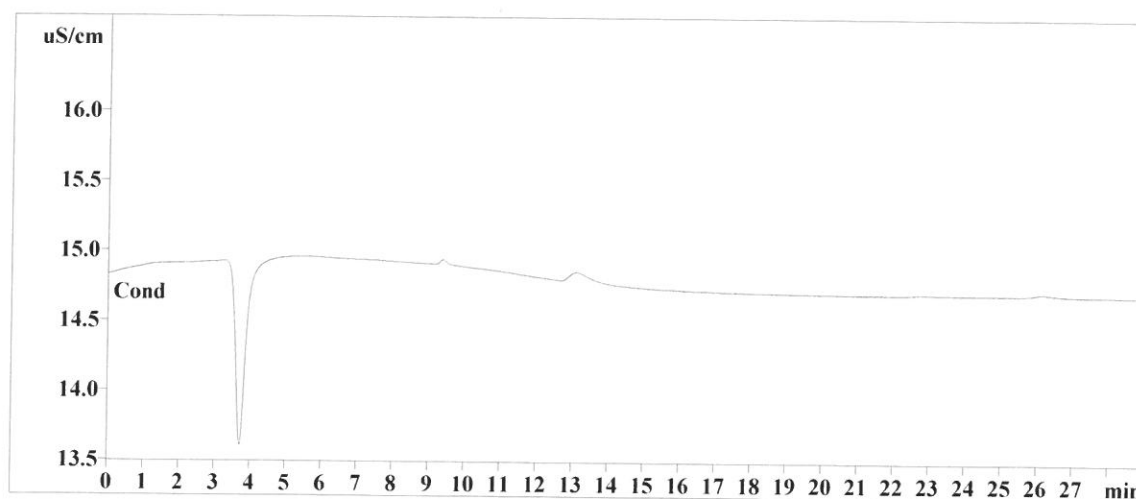
Last save: 6/10/2019 11:15:50 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67224

Last save: 5/30/2019 2:14:16 PM

SAMPLE:

: AK/AP
Vial number: 92
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: 6/10/2019 1:57:47 PM
Printed by: wet

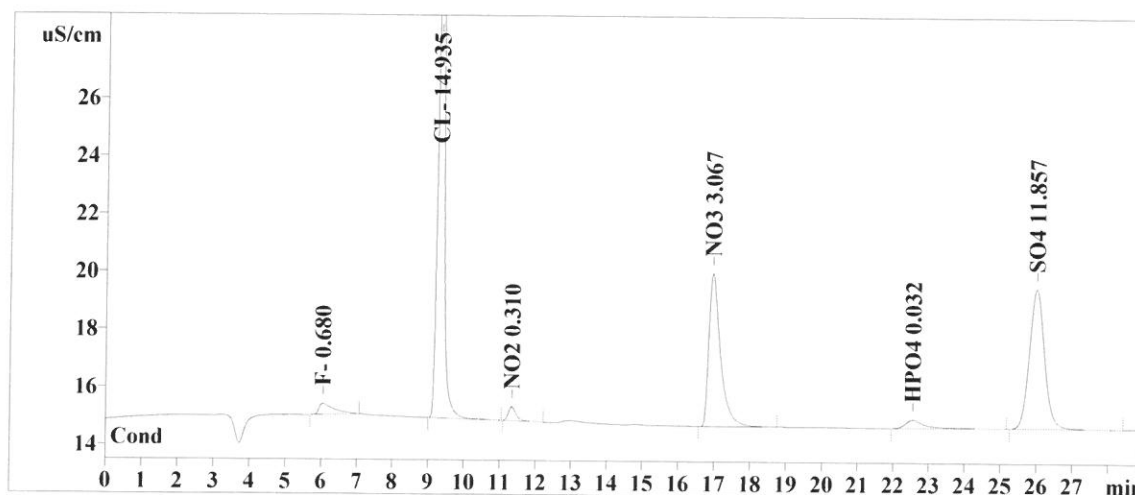
Ident: K3279-08
Analysis from: 6/8/2019 4:13:09 PM
File: _2019-06-08_

Last save: 6/10/2019 11:15:50 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67225

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 93
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.04	0.424	0.38	1.17	11.218	2.11	0.
2	9.29	0.163	21.45	65.55	241.256	45.46	0.
3	11.34	0.225	0.48	1.48	7.442	1.40	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.94	0.319	5.28	16.15	117.537	22.15	0.
6	22.55	0.490	0.29	0.89	11.545	2.18	0.
7	25.99	0.443	4.83	14.75	141.647	26.69	0.
7	29.00	0.295	32.72	99.99	530.645	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:58:00 PM
Printed by: wet

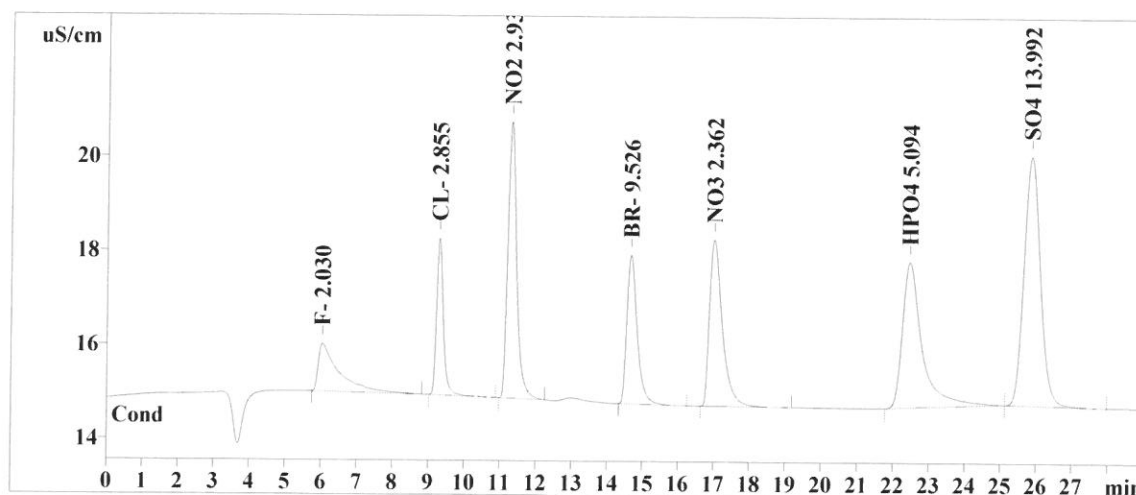
Ident: CCV
Analysis from: 6/8/2019 6:20:46 PM
File: _2019-06-08_

Last save: 6/8/2019 6:49:34 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67229

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 100
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.04	0.495	1.01	4.00	40.490	6.43	0.
2	9.29	0.198	3.33	13.17	44.845	7.12	0.
3	11.29	0.256	5.87	23.22	100.971	16.04	0.
4	14.65	0.308	3.16	12.50	65.496	10.40	0.
5	16.99	0.375	3.53	13.96	89.755	14.26	0.
6	22.44	0.513	3.09	12.21	119.404	18.96	0.
7	25.84	0.488	5.29	20.94	168.662	26.79	0.
7	29.00	0.376	25.27	100.00	629.623	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:58:08 PM
Printed by: wet

Ident: CCB
Analysis from: 6/8/2019 6:52:41 PM
File: _2019-06-08_

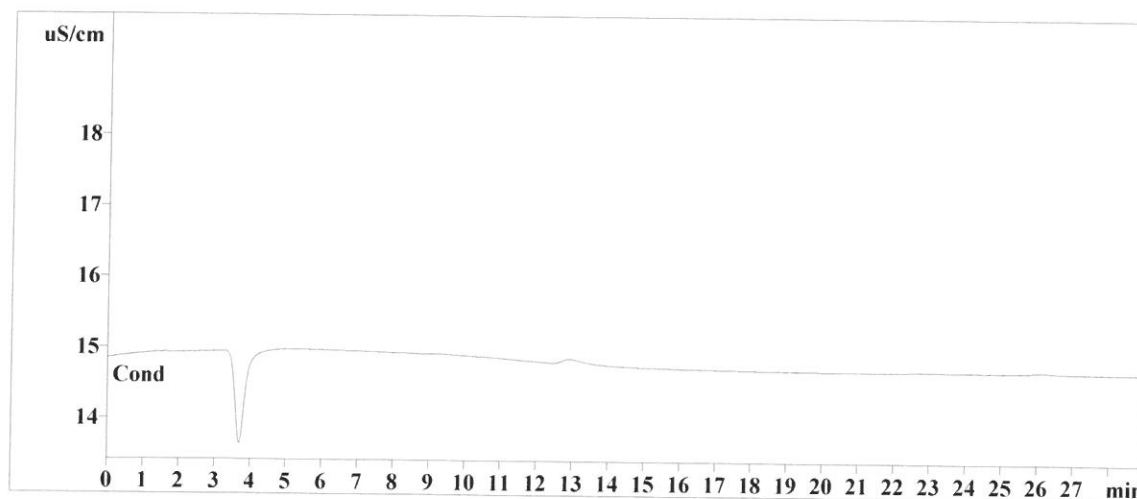
Last save: 6/8/2019 7:21:30 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67230

Last save: 5/30/2019 2:14:16 PM

SAMPLE:

: AK/AP
Vial number: 101
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: 6/10/2019 1:58:17 PM
Printed by: wet

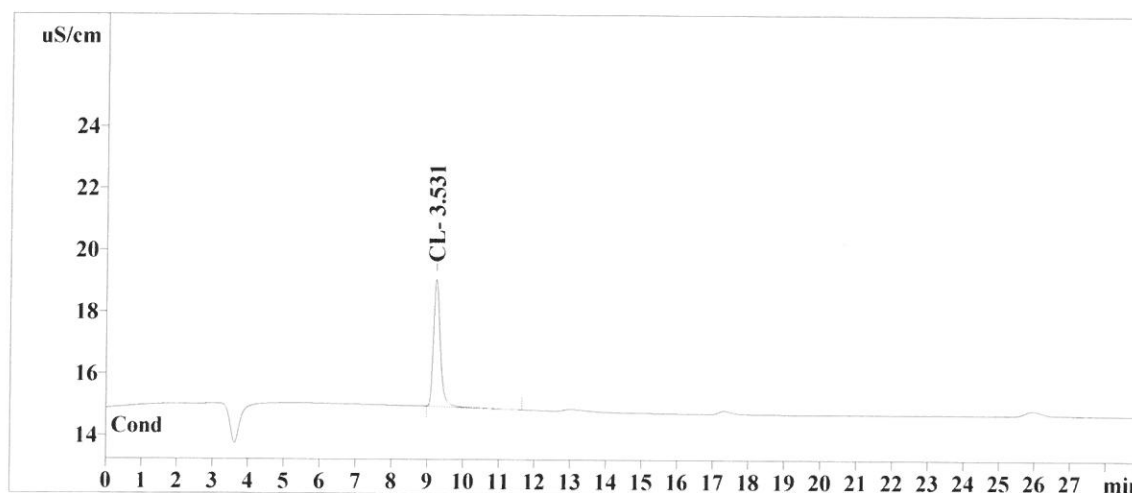
Ident: K3190-07DLX50
Analysis from: 6/8/2019 7:24:35 PM
File: _2019-06-08_

Last save: 6/9/2019 6:48:08 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67231

Last save: 5/30/2019 2:14:16 PM

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 uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.24	0.198	4.11	100.00	55.846	100.00	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	29.00	0.028	4.11	100.00	55.846	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:59:04 PM
Printed by: wet

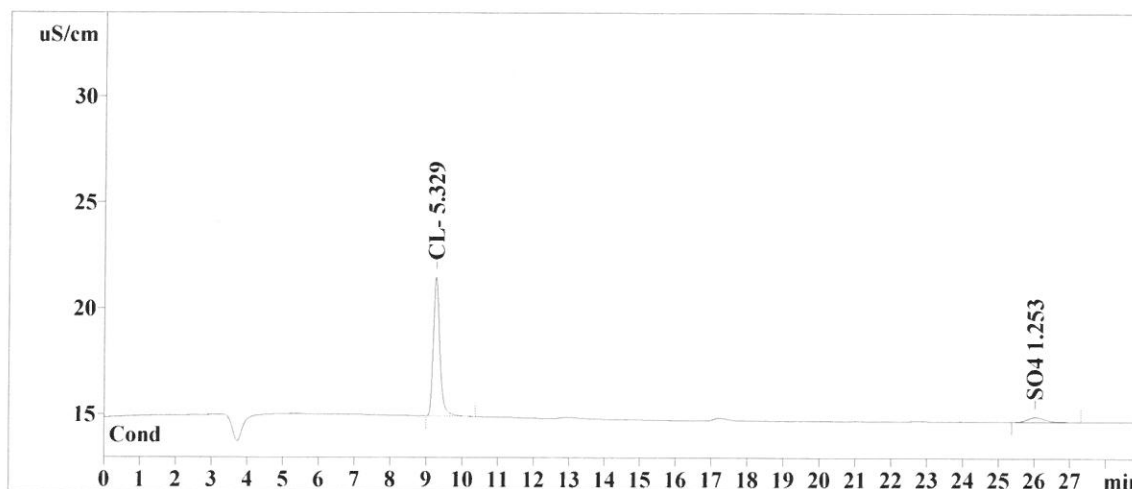
Ident: K3221-11DLX20
Analysis from: 6/8/2019 7:56:29 PM
File: _2019-06-08_

Last save: 6/10/2019 1:59:04 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67232

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 69
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.26	0.192	6.54	96.70	85.067	91.92	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	26.03	0.508	0.22	3.29	7.482	8.08	0.
7	29.00	0.100	6.76	100.00	92.549	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 1:59:17 PM
Printed by: wet

Ident: K3221-16DLX20
Analysis from: 6/8/2019 8:28:24 PM
File: _2019-06-08_

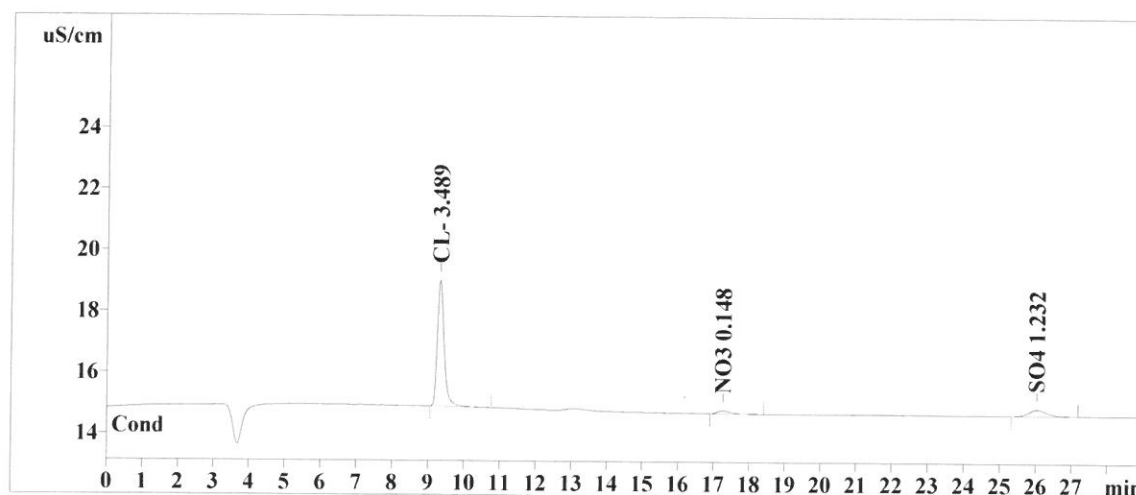
Last save: 6/8/2019 8:57:12 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67233

Last save: 5/30/2019 2:14:16 PM

SAMPLE:

: AK/AP
Vial number: 70
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.32	0.197	4.11	92.93	55.156	85.02	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	17.26	0.381	0.10	2.22	2.489	3.84	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.03	0.515	0.21	4.81	7.226	11.14	0.
7	29.00	0.156	4.42	99.95	64.871	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:00:04 PM
Printed by: wet

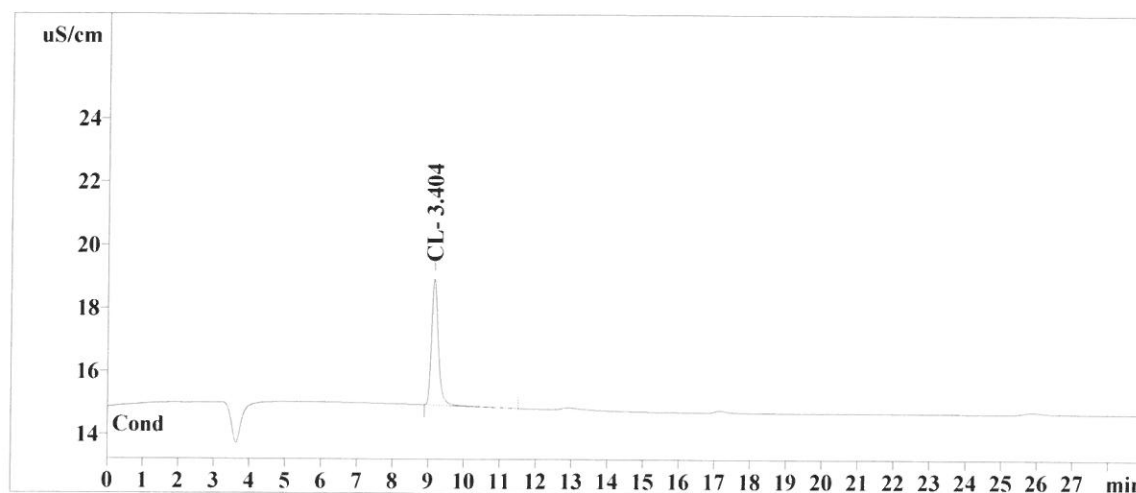
Ident: K3221-09DLX50
Analysis from: 6/8/2019 9:00:18 PM
File: _2019-06-08_

Last save: 6/9/2019 6:49:36 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67234

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 71
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.197	3.99	100.00	53.772	100.00	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	29.00	0.028	3.99	100.00	53.772	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:00:33 PM
Printed by: wet

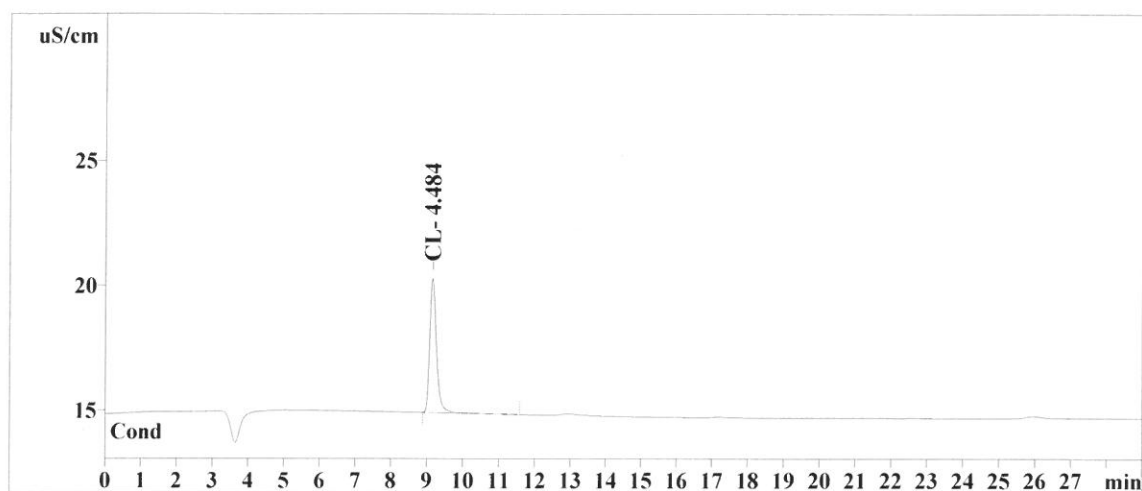
Ident: K3221-13DLX20
Analysis from: 6/8/2019 9:32:12 PM
File: _2019-06-08_

Last save: 6/10/2019 2:00:34 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67235

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 72
Volume: 20.0 μ L
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.193	5.36	100.00	71.338	100.00	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	29.00	0.028	5.36	100.00	71.338	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:00:56 PM
Printed by: wet

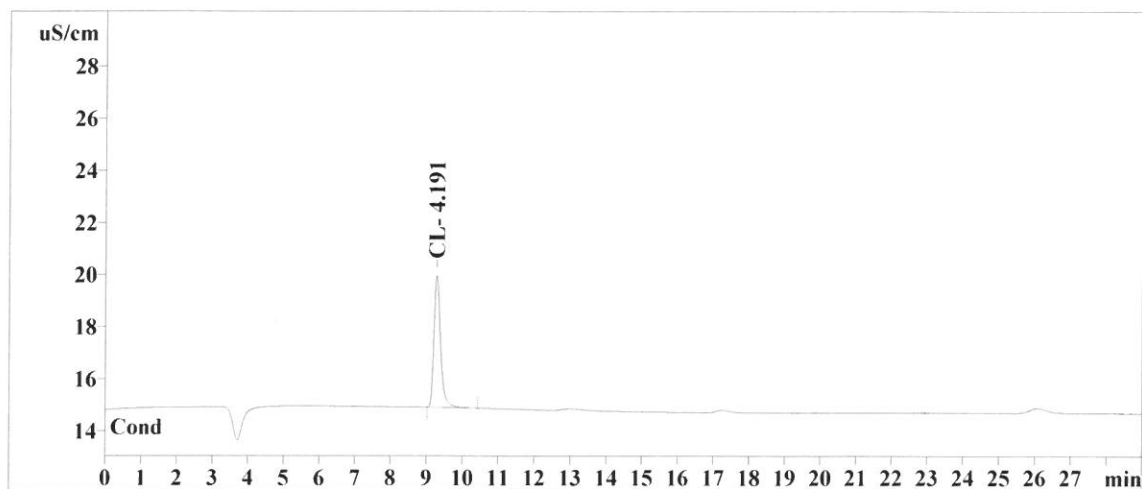
Ident: K3221-14DLX10
Analysis from: 6/8/2019 10:04:06 PM
File: _2019-06-08_

Last save: 6/10/2019 2:00:54 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67236

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 73
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.29	0.195	5.04	100.01	66.563	100.00	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	29.00	0.028	5.04	100.01	66.563	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:01:31 PM
Printed by: wet

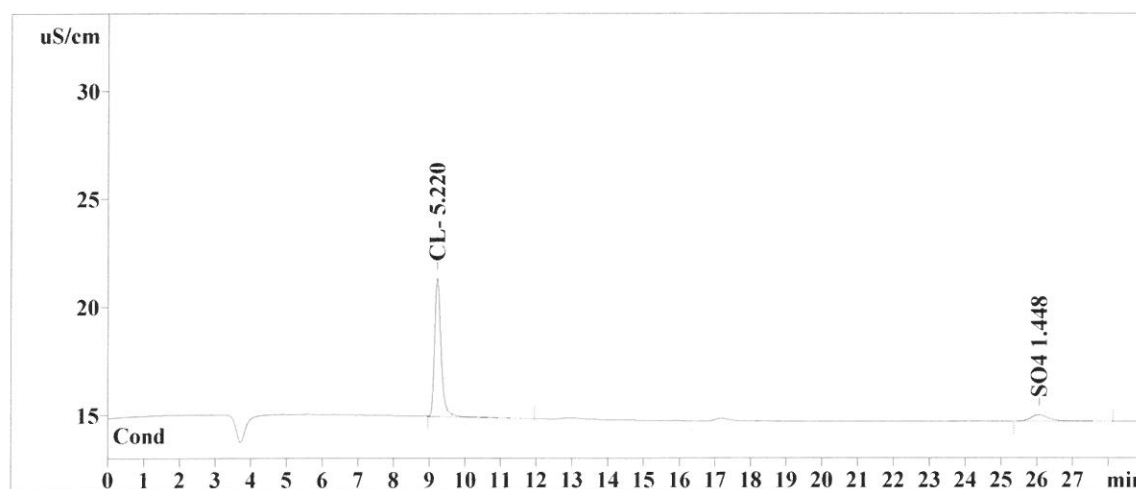
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Analysis from: 6/8/2019 10:36:01 PM
File: _2019-06-08_

Last save: 6/10/2019 2:01:32 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67237

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 74
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.22	0.191	6.39	95.67	83.299	89.33	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	26.05	0.502	0.29	4.32	9.951	10.67	0.
7	29.00	0.099	6.68	100.00	93.250	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:02:02 PM
Printed by: wet

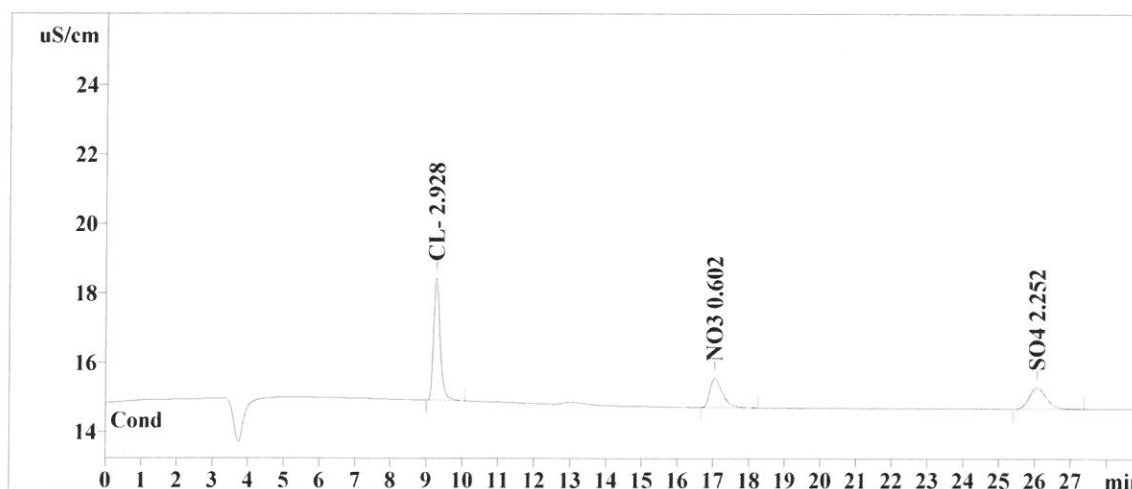
Ident: K3249-04DLX10
Analysis from: 6/8/2019 11:07:55 PM
File: _2019-06-08_

Last save: 6/8/2019 11:36:44 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67238

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 75
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.27	0.194	3.52	71.02	46.034	53.19	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	17.04	0.369	0.83	16.71	20.389	23.56	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.06	0.506	0.61	12.26	20.122	23.25	0.
7	29.00	0.153	4.95	99.99	86.545	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:02:26 PM
Printed by: wet

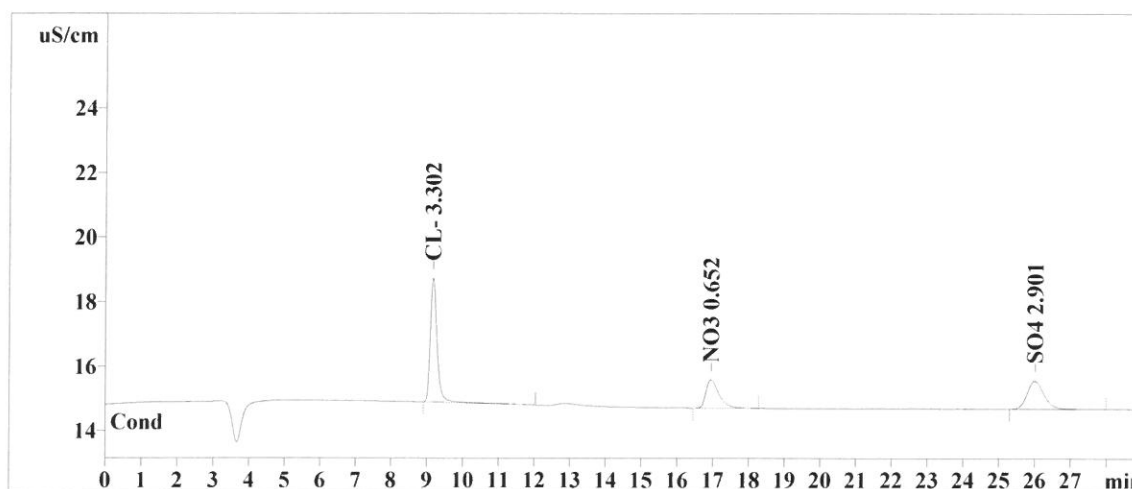
Ident: K3249-06DL2X10
Analysis from: 6/8/2019 11:39:49 PM
File: _2019-06-08_

Last save: 6/9/2019 12:08:38 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67239

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 77
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.17	0.194	3.84	68.76	52.117	50.69	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	16.94	0.382	0.88	15.69	22.362	21.75	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.00	0.494	0.87	15.55	28.336	27.56	0.
7	29.00	0.153	5.58	99.99	102.816	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:02:41 PM
Printed by: wet

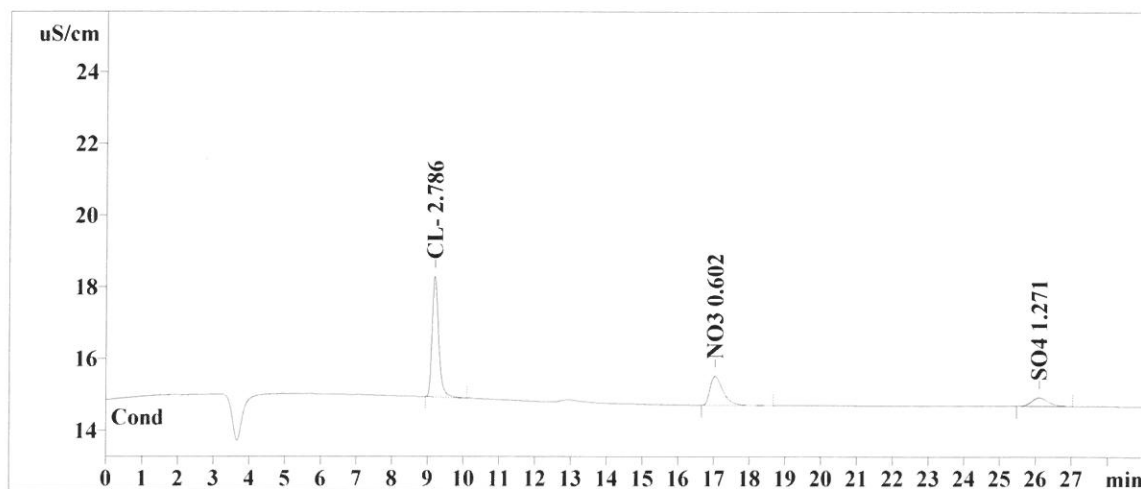
Ident: K3249-11DLX10
Analysis from: 6/9/2019 12:11:43 AM
File: _2019-06-09_

Last save: 6/9/2019 12:40:32 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67240

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 78
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.20	0.193	3.36	76.29	43.728	60.87	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	17.03	0.377	0.81	18.30	20.395	28.39	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.10	0.499	0.24	5.39	7.721	10.75	0.
7	29.00	0.153	4.40	99.98	71.843	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:02:49 PM
Printed by: wet

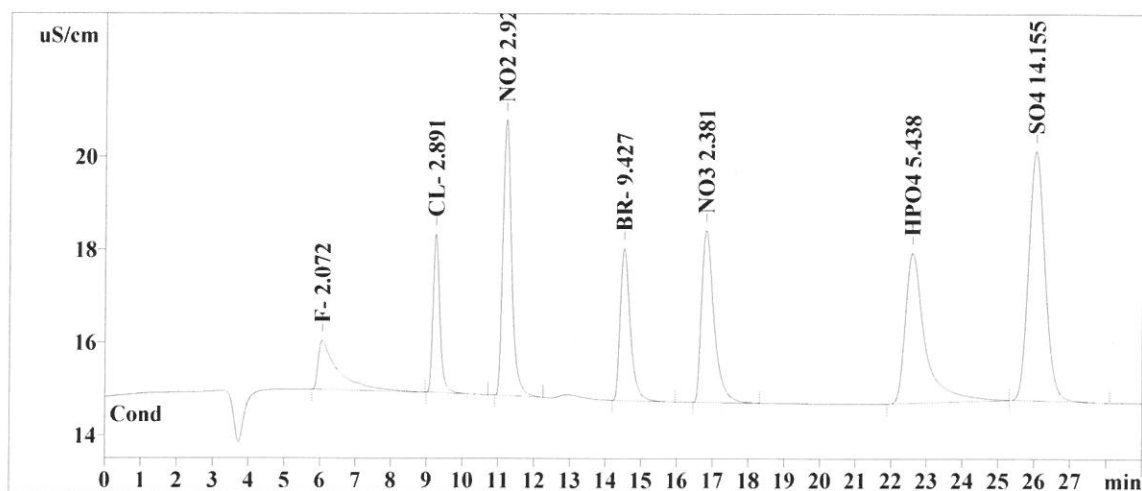
Ident: CCV
Analysis from: 6/9/2019 12:43:38 AM
File: _2019-06-09_

Last save: 6/9/2019 1:12:26 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67241

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.06	0.478	1.05	4.05	41.408	6.47	0.
2	9.25	0.197	3.41	13.12	45.427	7.09	0.
3	11.21	0.252	5.94	22.87	100.849	15.75	0.
4	14.51	0.295	3.27	12.59	64.798	10.12	0.
5	16.80	0.362	3.70	14.23	90.511	14.13	0.
6	22.59	0.518	3.23	12.45	126.733	19.79	0.
7	26.03	0.486	5.37	20.69	170.718	26.66	0.
7	29.00	0.370	25.97	100.00	640.443	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:02:58 PM
Printed by: wet

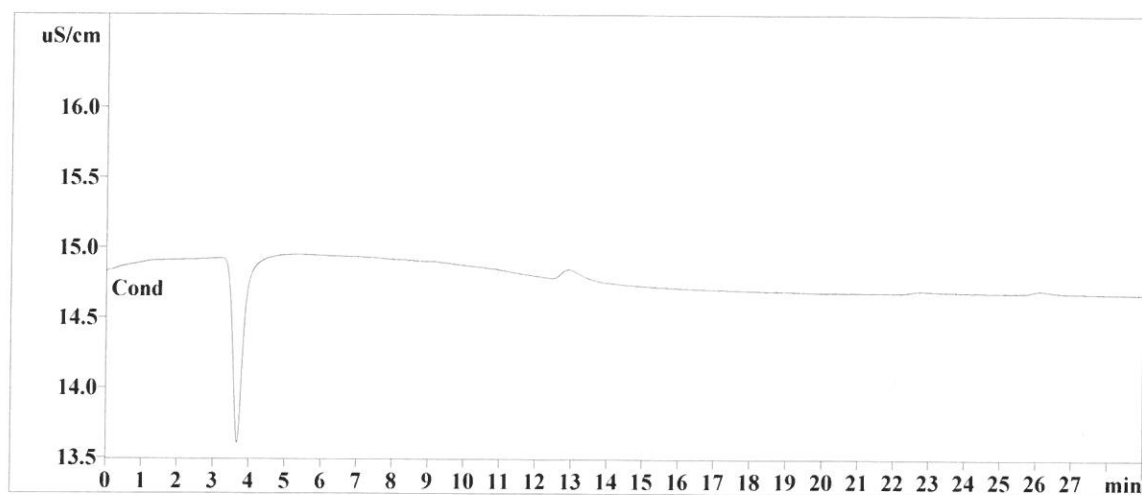
Ident: CCB
Analysis from: 6/9/2019 1:15:32 AM
File: _2019-06-09_

Last save: 6/9/2019 1:44:20 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67242

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:05:03 PM
Printed by: wet

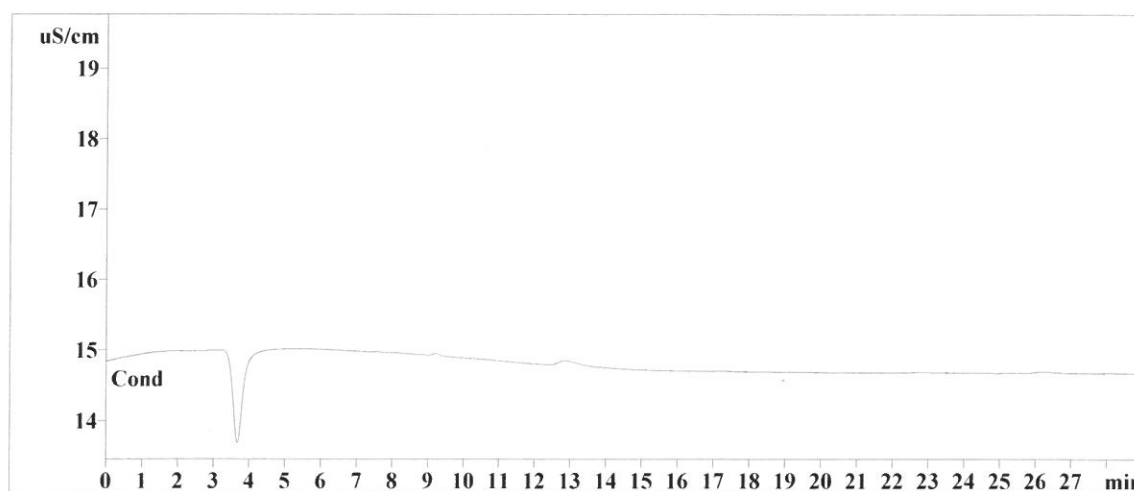
Ident: LB103292BLW4
Analysis from: 6/9/2019 1:47:26 AM
File: _2019-06-09_

Last save: 6/9/2019 7:31:58 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67243

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:05:11 PM
Printed by: wet

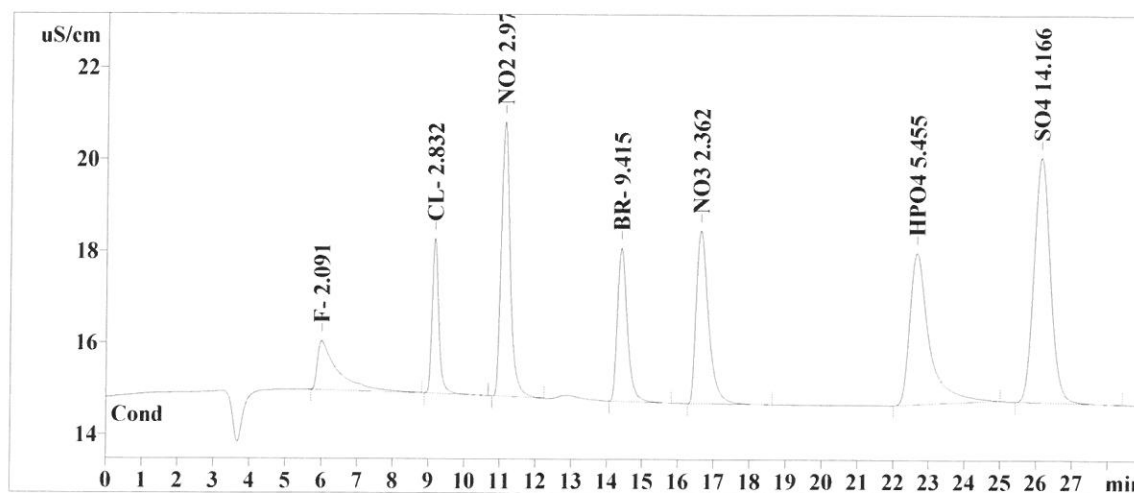
Ident: LB103292BSW4
Analysis from: 6/9/2019 2:19:20 AM
File: _2019-06-09_

Last save: 6/9/2019 7:31:58 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67244

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.99	0.486	1.07	4.09	41.801	6.52	0.
2	9.17	0.194	3.37	12.90	44.475	6.94	0.
3	11.11	0.254	5.97	22.85	102.595	16.00	0.
4	14.39	0.289	3.34	12.76	64.710	10.09	0.
5	16.62	0.353	3.76	14.40	89.740	13.99	0.
6	22.64	0.516	3.30	12.61	127.103	19.82	0.
7	26.12	0.490	5.33	20.40	170.855	26.64	0.
7	29.00	0.369	26.14	99.99	641.280	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:05:28 PM
Printed by: wet

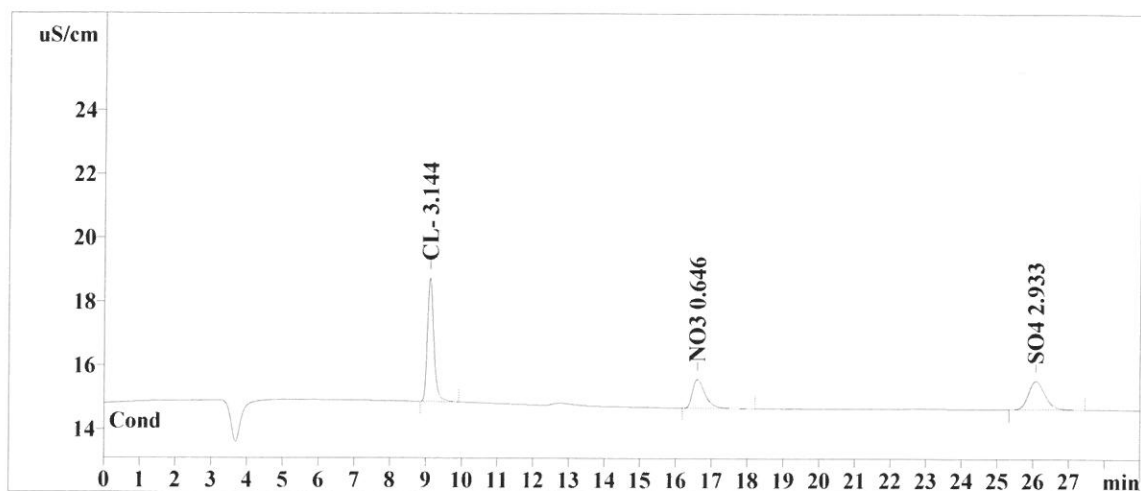
Ident: K3249-09DL2X10
Analysis from: 6/9/2019 2:51:14 AM
File: _2019-06-09_

Last save: 6/9/2019 3:20:02 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67245

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 80
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.190	3.87	68.24	49.539	49.35	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	16.60	0.361	0.90	15.95	22.097	22.01	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.08	0.490	0.89	15.78	28.747	28.64	0.
7	29.00	0.149	5.67	99.97	100.383	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:06:30 PM
Printed by: wet

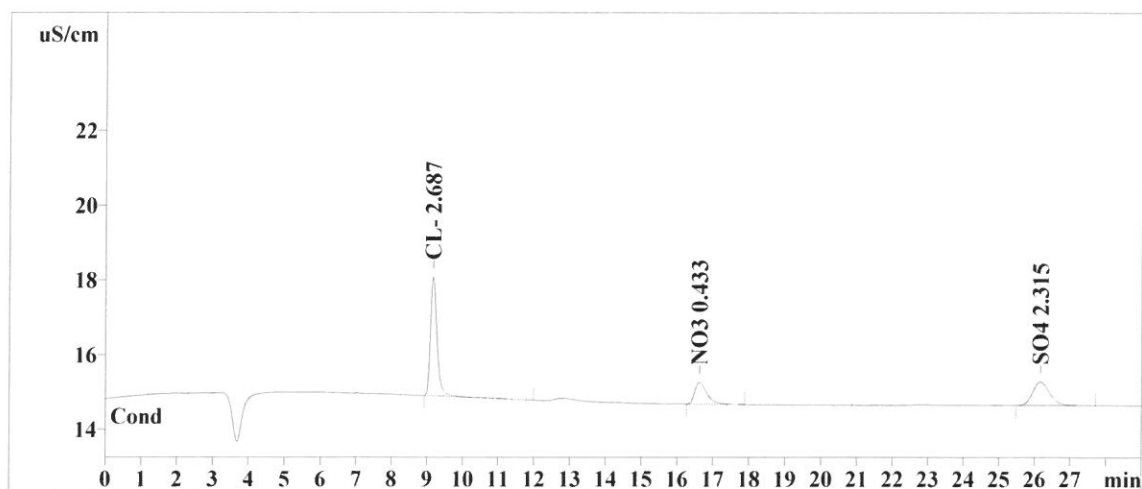
Ident: K3249-08DLX10
Analysis from: 6/9/2019 3:23:08 AM
File: _2019-06-09_

Last save: 6/9/2019 3:51:56 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67246

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 81
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.17	0.191	3.18	72.46	42.115	54.86	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	16.63	0.352	0.58	13.18	13.730	17.88	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.507	0.63	14.34	20.928	27.26	0.
7	29.00	0.150	4.38	99.98	76.772	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:06:46 PM
Printed by: wet

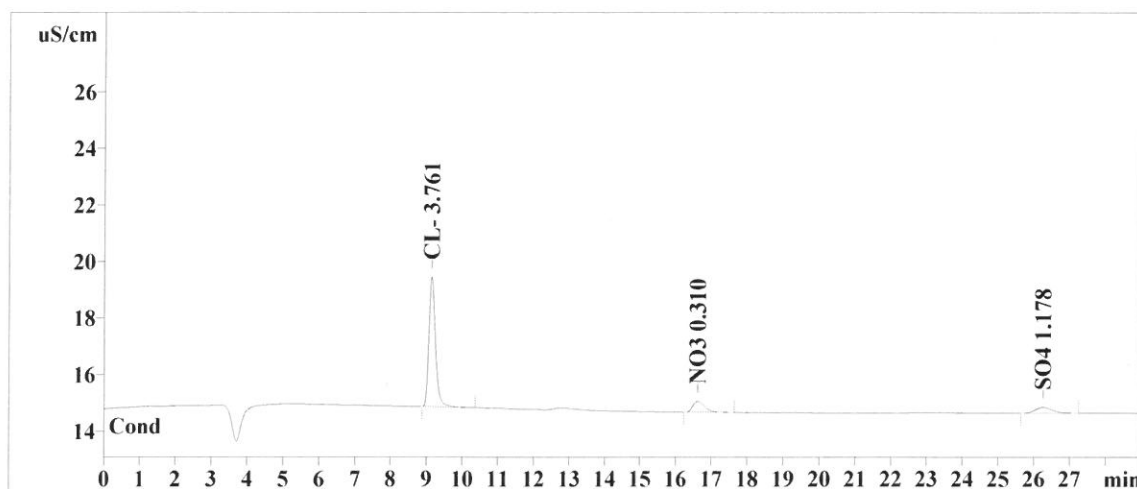
Ident: K3249-14DLX20
Analysis from: 6/9/2019 3:55:02 AM
File: _2019-06-09_

Last save: 6/9/2019 4:23:50 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67247

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 82
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.14	0.192	4.59	88.67	59.571	79.45	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	16.62	0.345	0.39	7.45	8.875	11.84	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.25	0.503	0.20	3.86	6.533	8.71	0.
7	29.00	0.149	5.17	99.98	74.979	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:07:07 PM
Printed by: wet

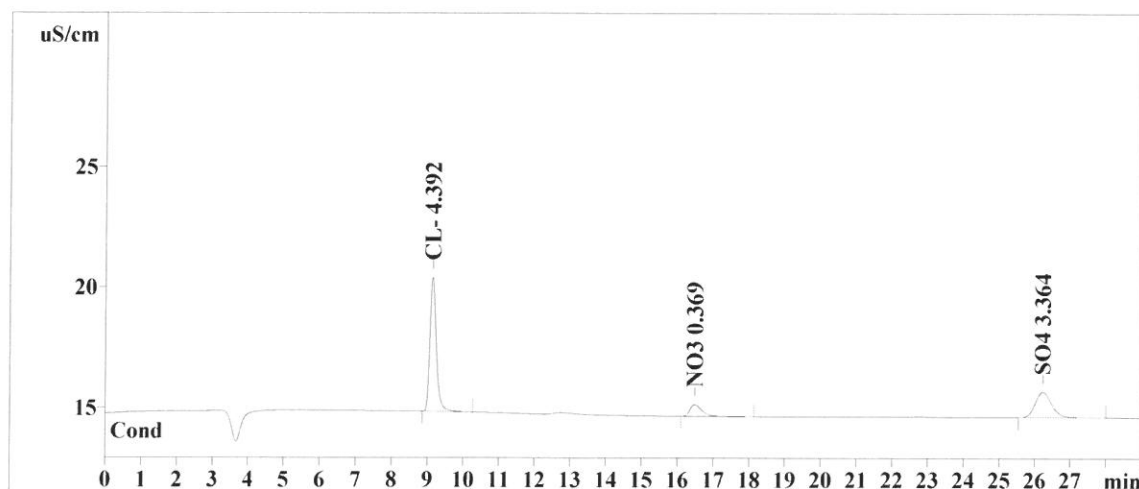
Ident: K3249-16DLX10
Analysis from: 6/9/2019 4:26:56 AM
File: _2019-06-09_

Last save: 6/9/2019 4:55:44 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67248

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 83
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.14	0.185	5.55	78.33	69.836	60.60	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.49	0.343	0.48	6.81	11.200	9.72	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.22	0.494	1.05	14.85	34.196	29.68	0.
7	29.00	0.146	7.09	99.98	115.232	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:07:27 PM
Printed by: wet

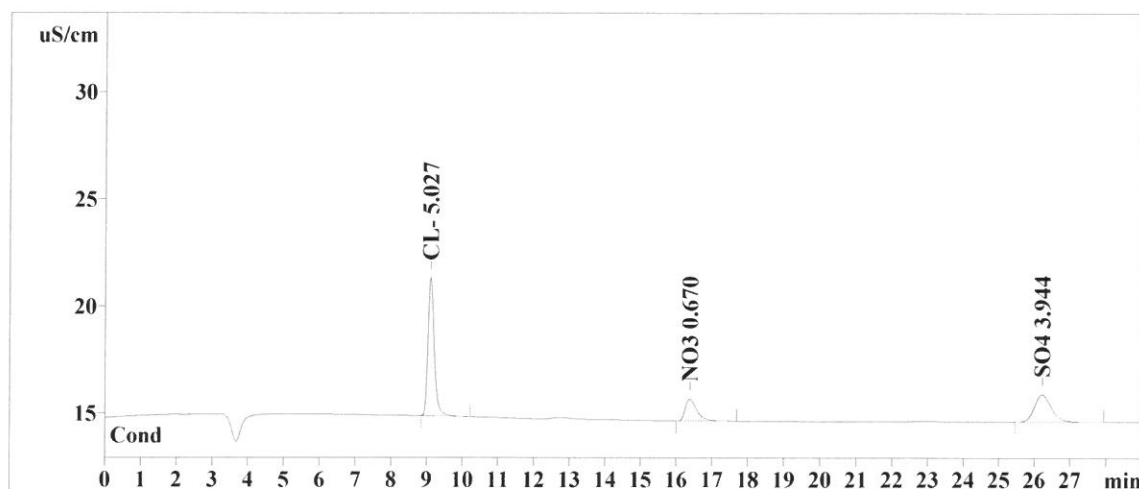
Ident: K3249-05DL2X10
Analysis from: 6/9/2019 4:58:50 AM
File: _2019-06-09_

Last save: 6/9/2019 5:27:38 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67249

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 99
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.10	0.183	6.46	73.86	80.169	55.39	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.38	0.339	1.01	11.61	23.043	15.92	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.22	0.499	1.27	14.52	41.529	28.69	0.
7	29.00	0.146	8.74	99.99	144.740	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:07:50 PM
Printed by: wet

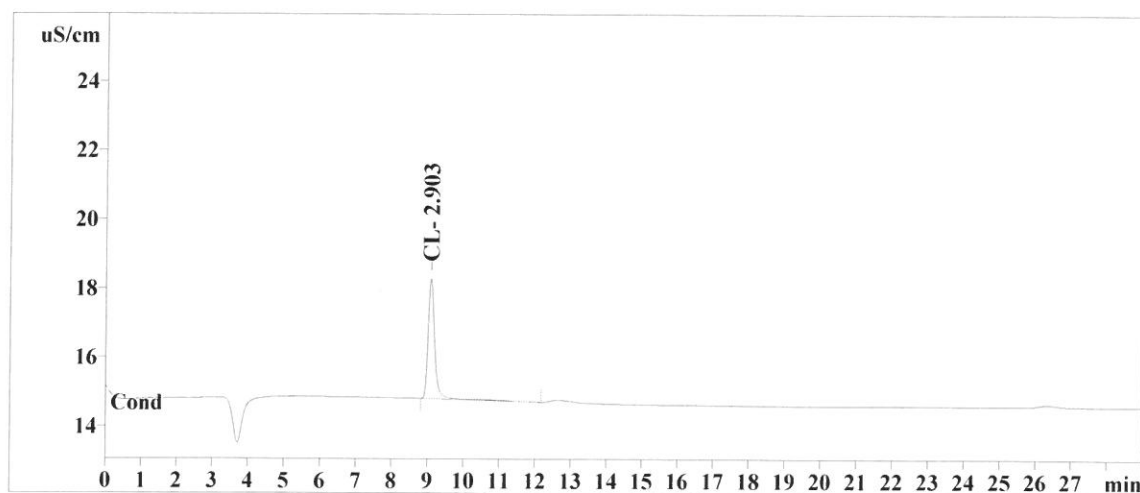
Ident: K3249-20DLX200
Analysis from: 6/9/2019 6:07:46 AM
File: _2019-06-09_

Last save: 6/9/2019 6:55:06 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67251

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 103
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.08	0.186	3.47	99.99	45.626	100.00	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	29.00	0.027	3.47	99.99	45.626	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:08:09 PM
Printed by: wet

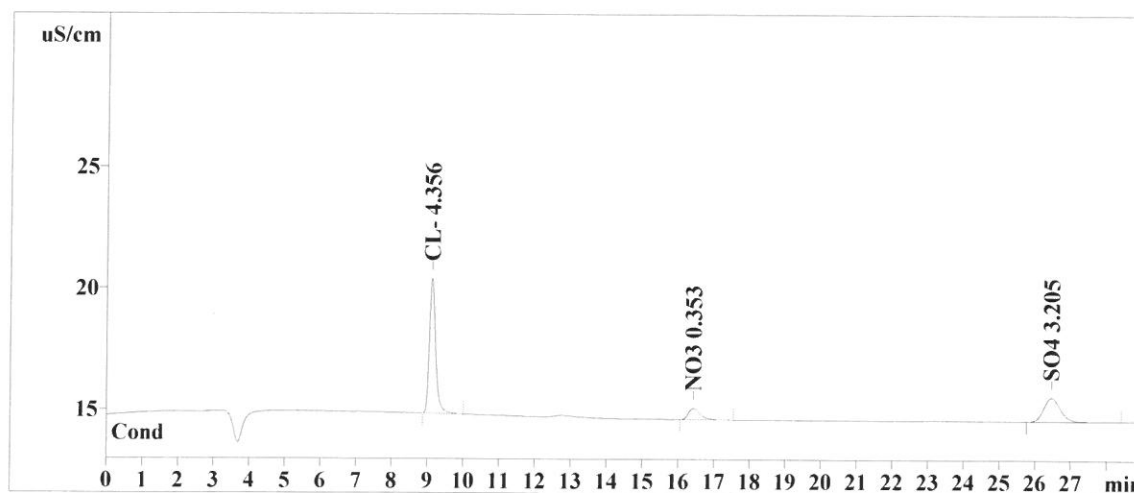
Ident: K3249-18DLX10
Analysis from: 6/9/2019 6:39:40 AM
File: _2019-06-09_

Last save: 6/9/2019 7:08:28 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67252

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 102
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.12	0.184	5.55	79.32	69.250	61.82	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	16.42	0.340	0.46	6.64	10.582	9.45	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.46	0.499	0.98	14.01	32.181	28.73	0.
7	29.00	0.146	7.00	99.97	112.012	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:09:36 PM
Printed by: wet

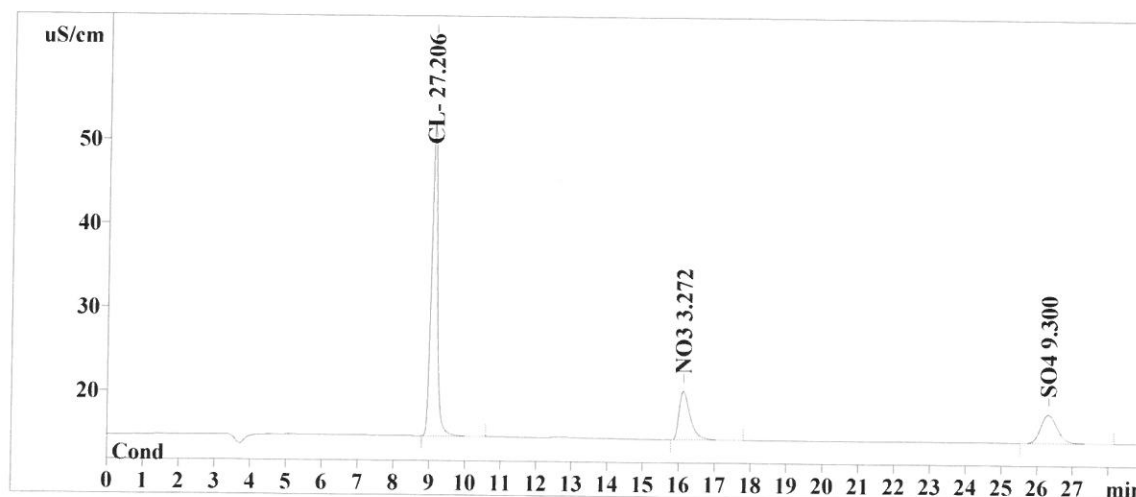
Ident: K3279-06DLX2
Analysis from: 6/9/2019 7:18:15 AM
File: _2019-06-09_

Last save: 6/10/2019 11:24:08 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67253

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 119
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.09	0.174	37.42	80.32	440.765	65.23	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	16.12	0.321	5.78	12.41	125.624	18.59	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.31	0.493	3.39	7.27	109.295	16.18	0.
7	29.00	0.141	46.59	100.00	675.685	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:11:16 PM
Printed by: wet

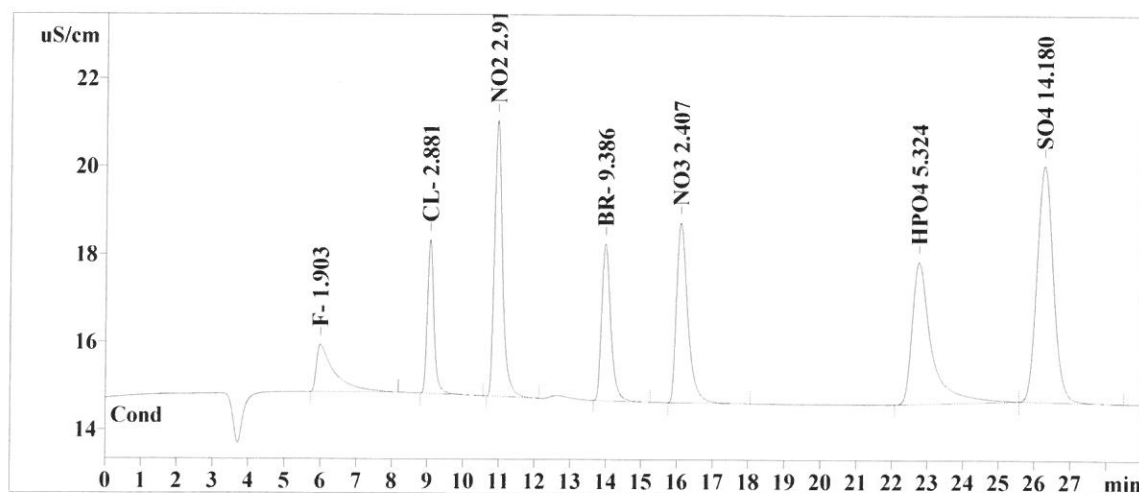
Ident: CCV
Analysis from: 6/9/2019 7:50:09 AM
File: _2019-06-09_

Last save: 6/10/2019 11:24:08 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67254

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 100
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.99	0.446	1.08	3.98	37.743	5.95	0.
2	9.06	0.190	3.51	12.92	45.270	7.13	0.
3	10.94	0.236	6.28	23.14	100.329	15.81	0.
4	13.97	0.270	3.57	13.16	64.511	10.16	0.
5	16.08	0.332	4.09	15.08	91.522	14.42	0.
6	22.75	0.503	3.23	11.90	124.301	19.58	0.
7	26.25	0.488	5.38	19.81	171.031	26.95	0.
7	29.00	0.352	27.14	99.99	634.706	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:11:24 PM
Printed by: wet

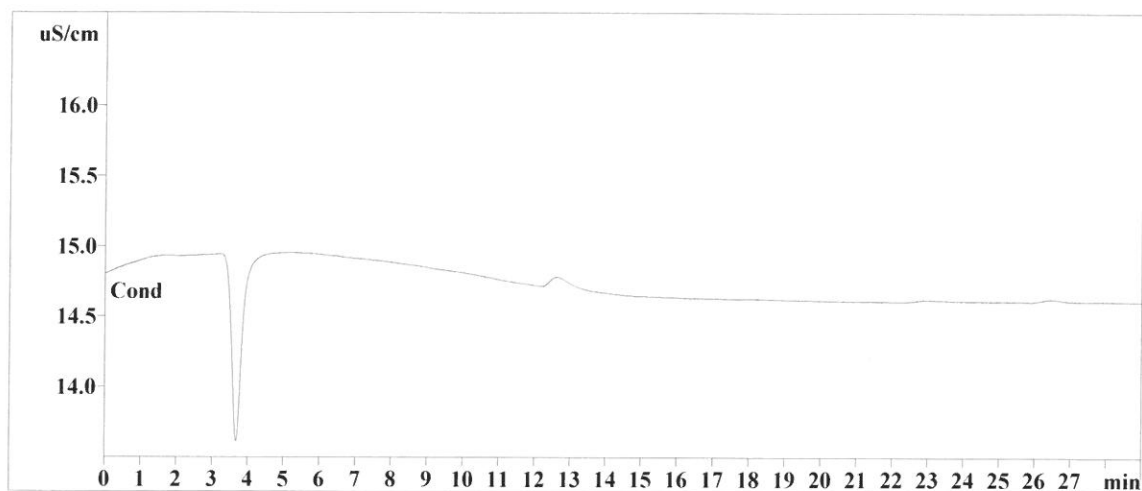
Ident: CCB
Analysis from: 6/9/2019 8:22:03 AM
File: _2019-06-09_

Last save: 6/10/2019 11:24:08 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67255

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 101
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: 6/10/2019 2:12:14 PM
Printed by: wet

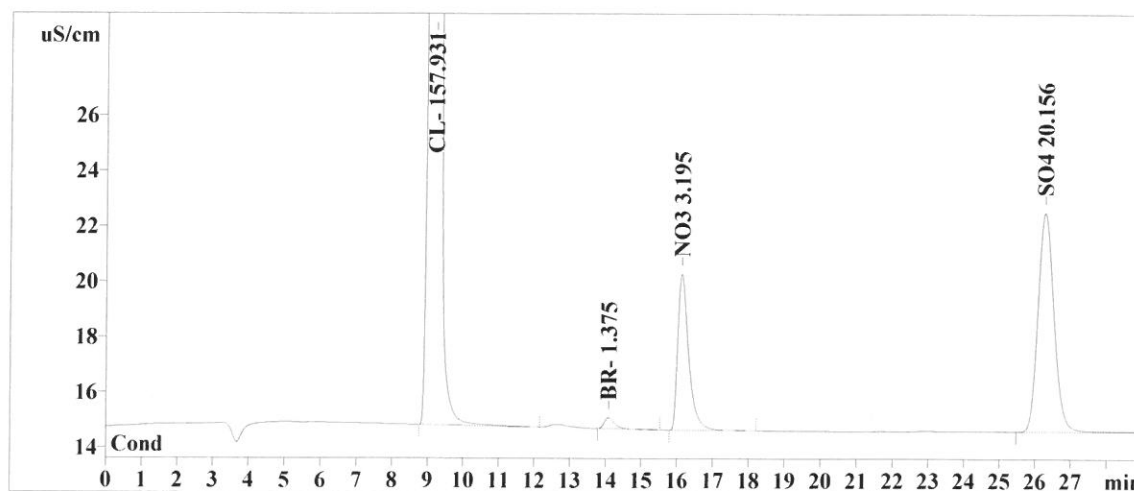
Ident: K3280-12
Analysis from: 6/9/2019 8:53:57 AM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67256

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 106
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.21	0.218	182.77	92.91	2566.158	87.19	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.09	0.300	0.39	0.20	7.981	0.27	0.
5	16.12	0.321	5.63	2.86	122.560	4.16	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.27	0.476	7.91	4.02	246.638	8.38	0.
7	29.00	0.188	196.70	99.99	2943.337	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:12:55 PM
Printed by: wet

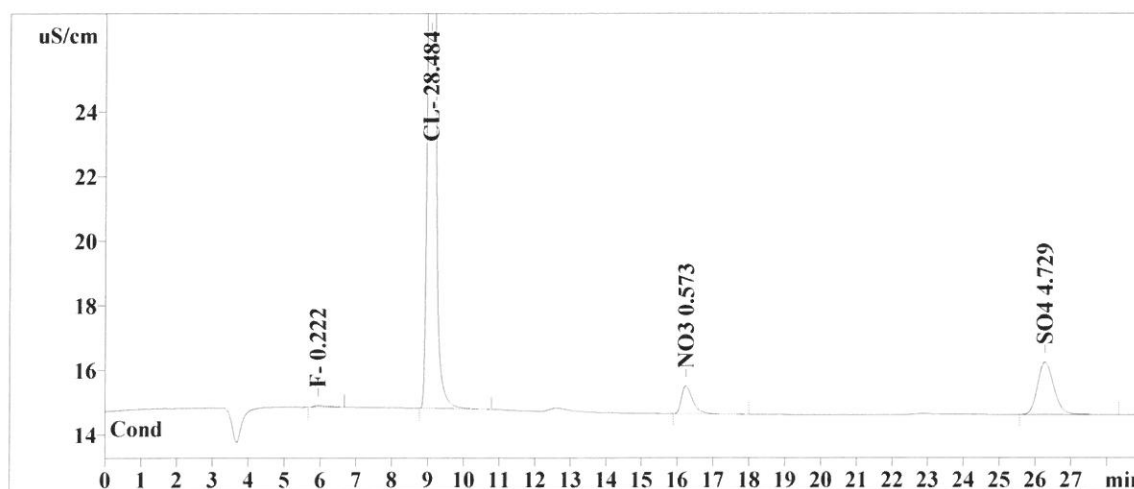
Ident: K3280-05
Analysis from: 6/9/2019 9:25:51 AM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67257

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 107
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.94	0.420	0.05	0.11	1.289	0.24	0.
2	9.08	0.175	38.90	93.89	461.536	86.50	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	16.24	0.331	0.86	2.09	19.254	3.61	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.27	0.482	1.62	3.92	51.471	9.65	0.
7	29.00	0.201	41.44	100.01	533.550	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:13:50 PM
Printed by: wet

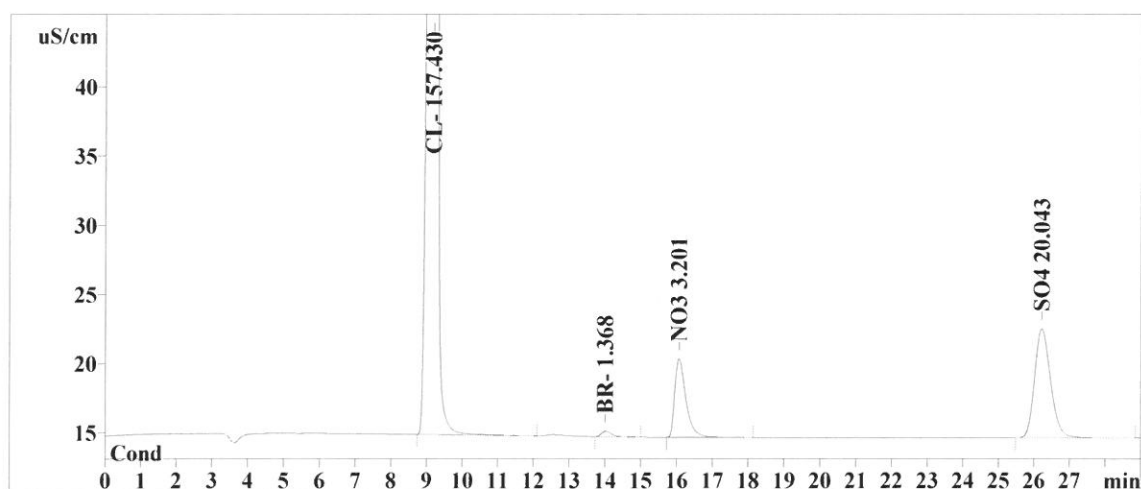
Ident: K3280-11
Analysis from: 6/9/2019 9:57:46 AM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67258

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 108
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.18	0.217	182.90	92.92	2558.011	87.19	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.02	0.300	0.40	0.20	7.926	0.27	0.
5	16.06	0.320	5.66	2.87	122.824	4.19	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.22	0.475	7.87	4.00	245.216	8.36	0.
7	29.00	0.188	196.82	99.99	2933.977	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:14:48 PM
Printed by: wet

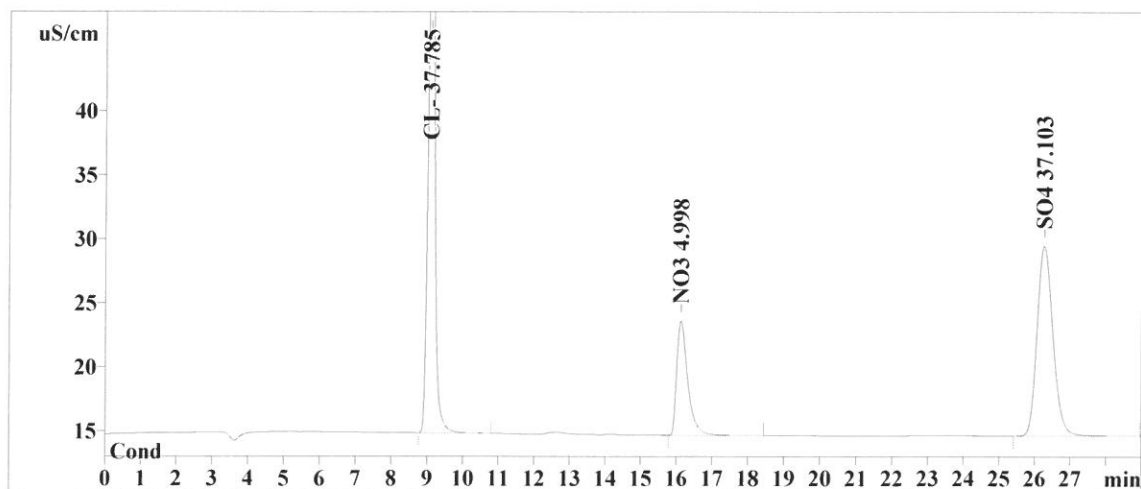
Ident: K3280-03
Analysis from: 6/9/2019 10:29:40 AM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67259

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 109
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.09	0.182	49.83	67.75	612.765	48.35	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	16.12	0.320	8.92	12.13	193.647	15.28	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.26	0.475	14.81	20.13	461.048	36.38	0.
7	29.00	0.140	73.55	100.00	1267.460	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:15:15 PM
Printed by: wet

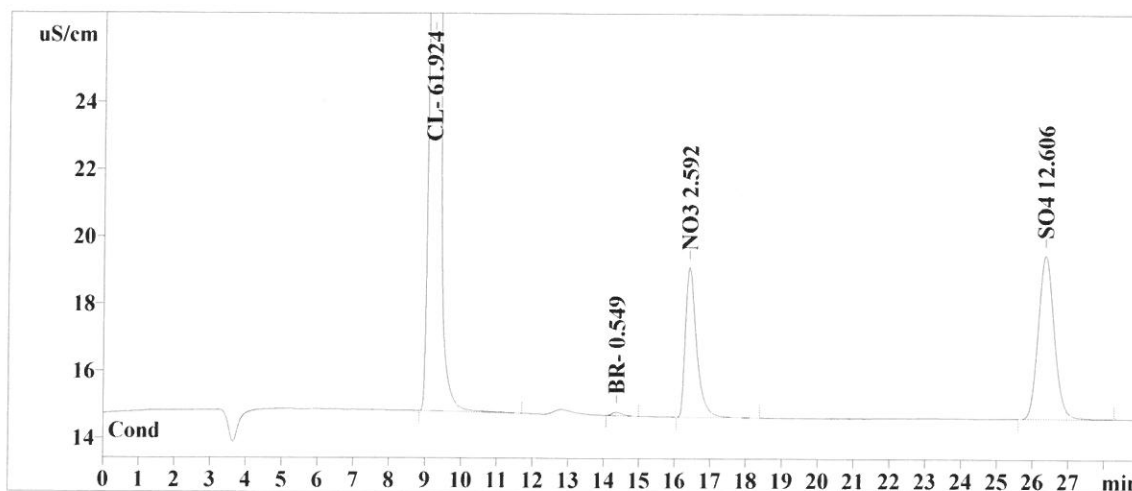
Ident: K3280-07
Analysis from: 6/9/2019 11:01:34 AM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67260

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 110
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.22	0.198	75.89	88.97	1005.222	79.95	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.37	0.304	0.11	0.13	2.147	0.17	0.
5	16.41	0.329	4.45	5.21	98.809	7.86	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.34	0.475	4.86	5.69	151.128	12.02	0.
7	29.00	0.186	85.30	100.01	1257.305	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:15:31 PM
Printed by: wet

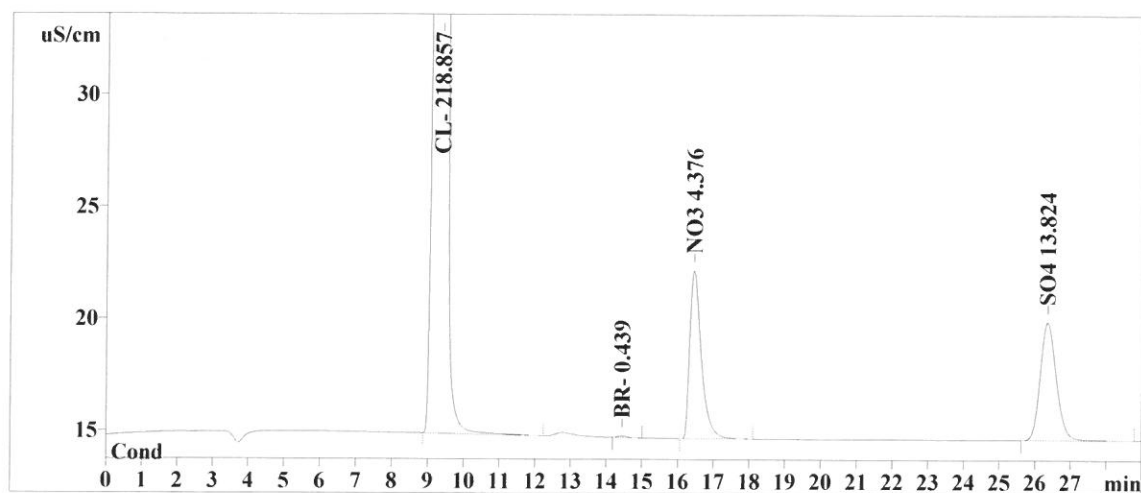
Ident: K3280-04
Analysis from: 6/9/2019 11:33:28 AM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67261

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 111
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.37	0.249	226.13	94.61	3556.732	91.34	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.45	0.286	0.07	0.03	1.373	0.04	0.
5	16.44	0.334	7.49	3.13	169.130	4.34	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.34	0.484	5.26	2.20	166.526	4.28	0.
7	29.00	0.193	238.95	99.98	3893.761	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:16:17 PM
Printed by: wet

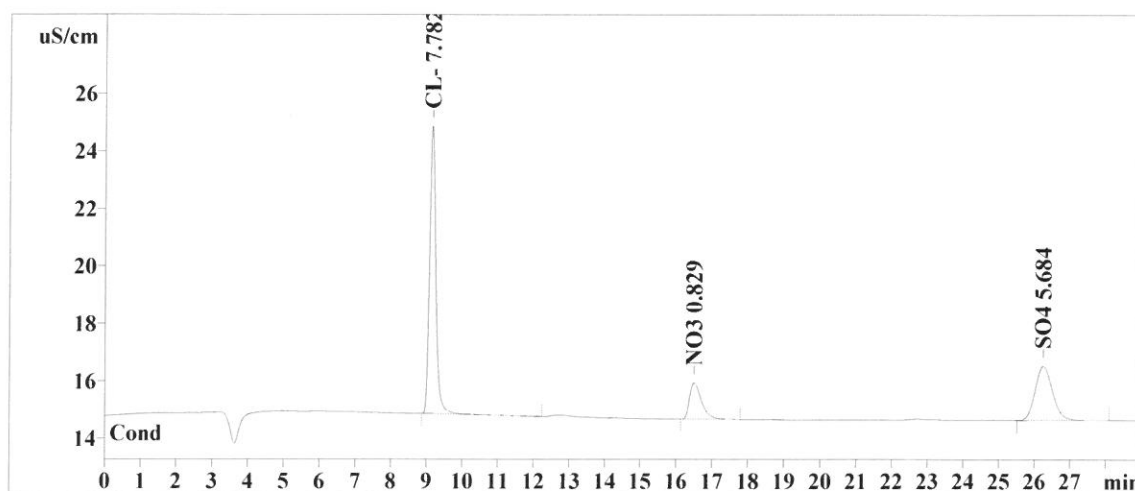
Ident: K3280-06
Analysis from: 6/9/2019 12:05:22 PM
File: _2019-06-09_

Last save: 6/10/2019 2:16:16 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67262

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 112
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.14	0.182	10.01	76.08	124.957	57.37	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	16.51	0.346	1.26	9.61	29.324	13.46	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.24	0.517	1.88	14.30	63.544	29.17	0.
7	29.00	0.149	13.15	100.00	217.826	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:16:29 PM
Printed by: wet

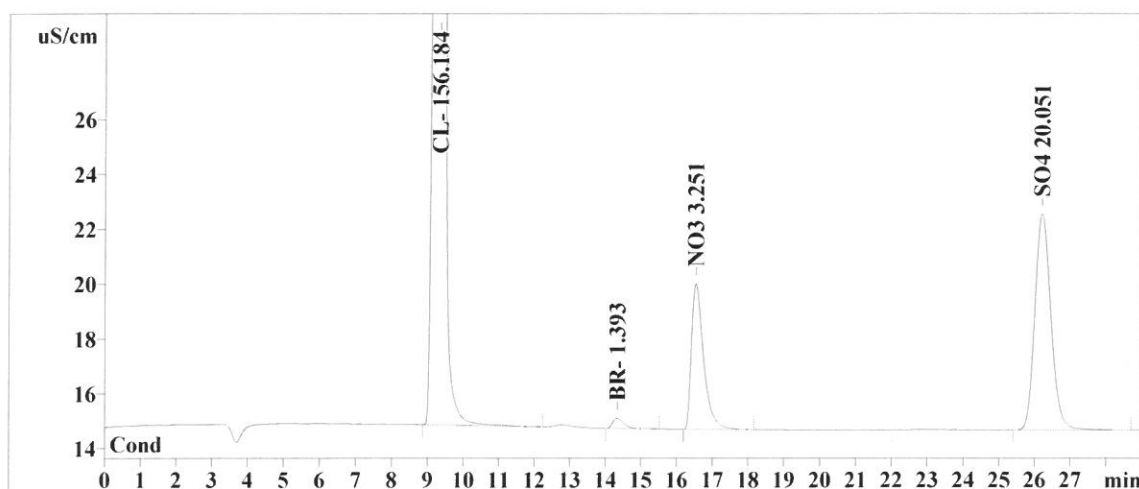
Ident: K3280-08
Analysis from: 6/9/2019 12:37:16 PM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67263

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 113
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.34	0.214	184.39	93.14	2537.752	87.03	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.33	0.327	0.37	0.19	8.108	0.28	0.
5	16.53	0.347	5.30	2.68	124.764	4.28	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.20	0.475	7.87	3.98	245.313	8.41	0.
7	29.00	0.195	197.93	99.98	2915.937	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:16:40 PM
 Printed by: wet

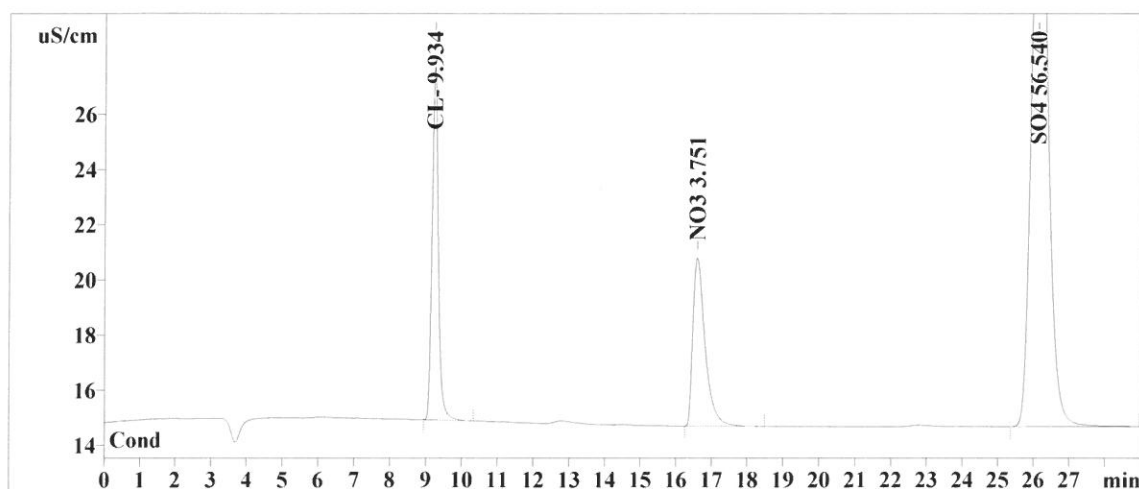
Ident: K3280-02
 Analysis from: 6/9/2019 1:09:10 PM
 File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
 Run operator: wet
 Analysis number: 67264

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
 : AK/AP
 Vial number: 114
 Volume: 20.0 µL
 Dilution: 1.00
 Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.23	0.184	12.80	30.98	159.934	15.81	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	16.59	0.349	6.09	14.73	144.482	14.29	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.12	0.484	22.42	54.29	706.960	69.90	0.
7	29.00	0.145	41.30	100.00	1011.377	100.00	0.

This report has been created by IC Net
 METROHM LTD

Report date: 6/10/2019 2:42:19 PM
Printed by: wet

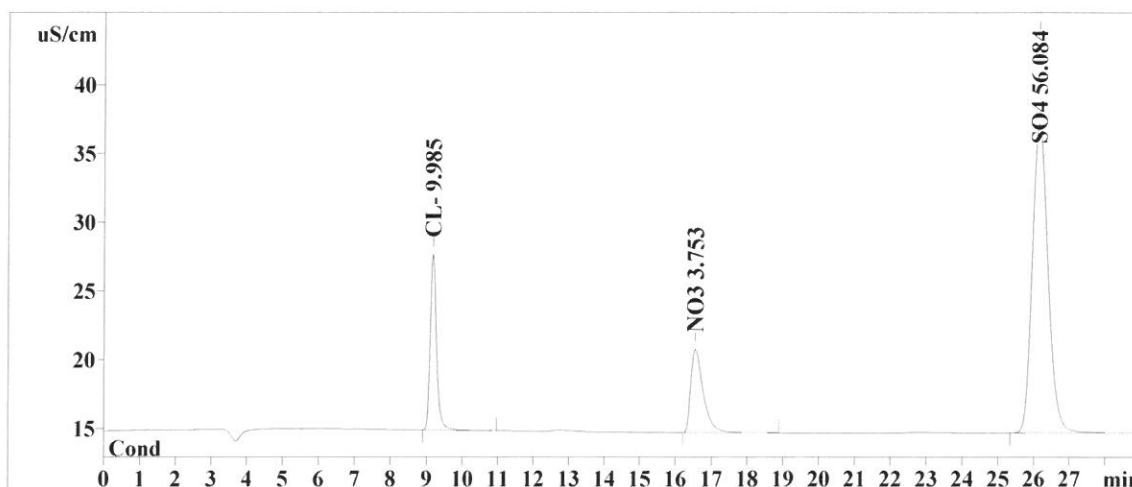
Ident: K3280-02DUP
Analysis from: 6/9/2019 1:41:05 PM
File: _2019-06-09_

Last save: 6/10/2019 2:42:12 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67265

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 115
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.17	0.185	12.75	30.89	160.772	15.97	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	16.55	0.351	6.05	14.67	144.570	14.36	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.13	0.478	22.46	54.43	701.197	69.66	0.
7	29.00	0.145	41.27	100.00	1006.539	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:16:56 PM
Printed by: wet

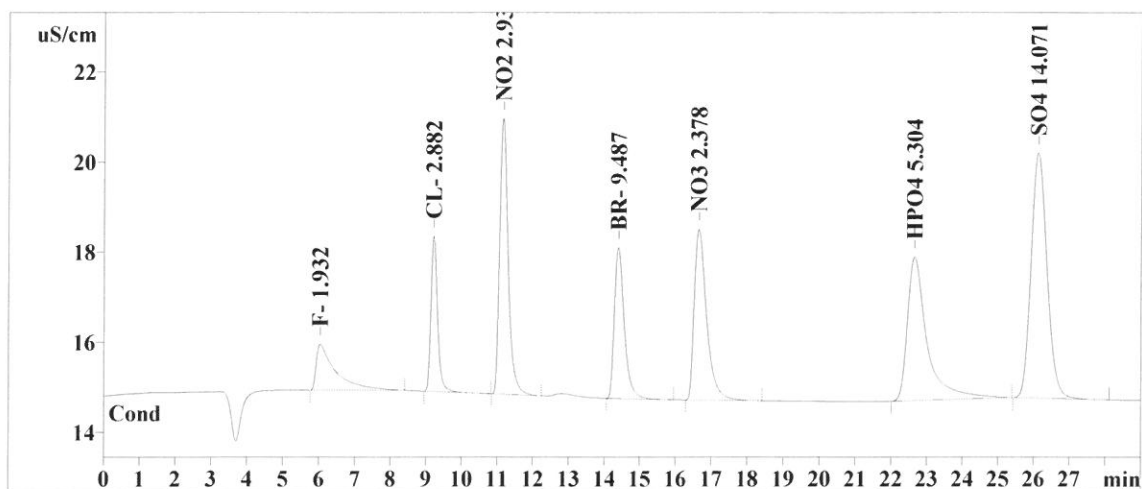
Ident: CCV
Analysis from: 6/9/2019 2:12:59 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67266

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 20
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.03	0.471	1.02	3.87	38.356	6.05	0.
2	9.22	0.193	3.45	13.08	45.291	7.14	0.
3	11.16	0.245	6.12	23.22	101.163	15.96	0.
4	14.39	0.289	3.35	12.71	65.222	10.29	0.
5	16.65	0.352	3.79	14.38	90.359	14.25	0.
6	22.65	0.513	3.19	12.09	123.883	19.54	0.
7	26.12	0.478	5.44	20.65	169.661	26.76	0.
7	29.00	0.363	26.36	100.00	633.935	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:17:04 PM
Printed by: wet

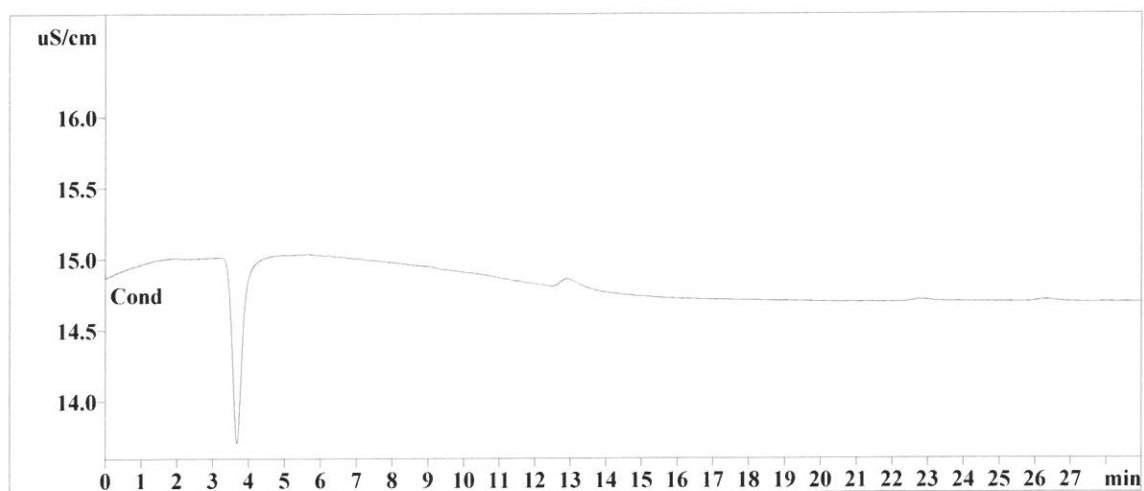
Ident: CCB
Analysis from: 6/9/2019 2:44:53 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67267

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 21
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: 6/10/2019 2:17:11 PM
Printed by: wet

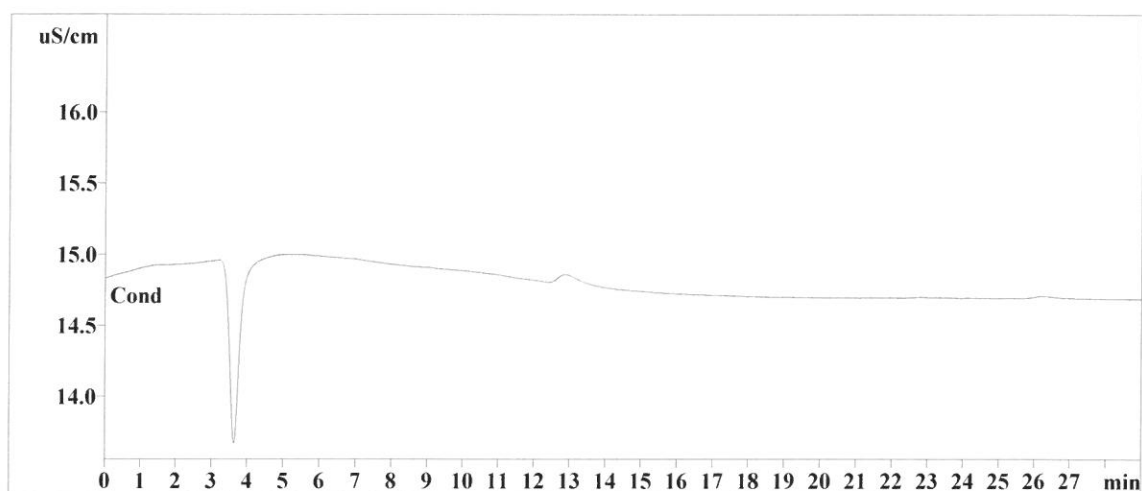
Ident: LB103292BLW5
Analysis from: 6/9/2019 3:16:47 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67268

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:17:20 PM
Printed by: wet

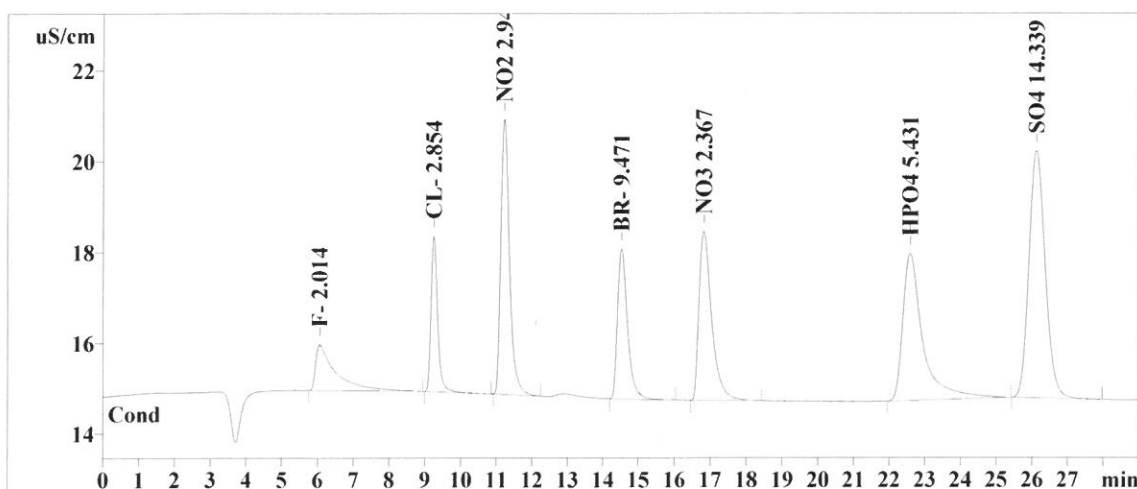
Ident: LB103292BSW5
Analysis from: 6/9/2019 3:48:41 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67269

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.05	0.485	1.01	3.85	40.133	6.26	0.
2	9.25	0.192	3.42	13.06	44.831	6.99	0.
3	11.22	0.247	6.05	23.13	101.287	15.80	0.
4	14.52	0.292	3.30	12.60	65.109	10.16	0.
5	16.81	0.357	3.72	14.19	89.928	14.03	0.
6	22.58	0.513	3.24	12.37	126.586	19.75	0.
7	26.11	0.487	5.44	20.79	173.045	27.00	0.
7	29.00	0.368	26.18	99.99	640.919	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:17:28 PM
Printed by: wet

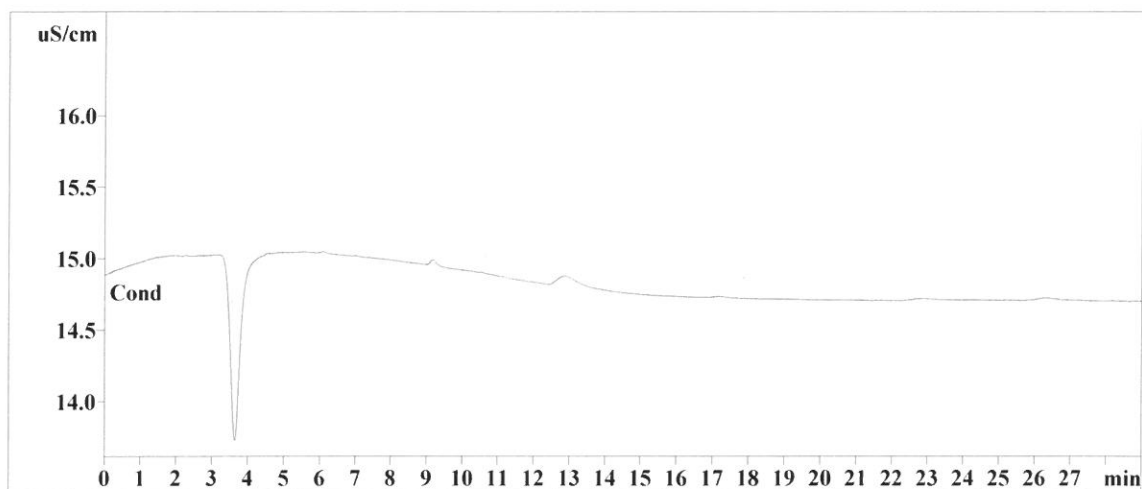
Ident: K3253-01
Analysis from: 6/9/2019 4:20:36 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67270

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 84
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: 6/10/2019 2:17:37 PM
Printed by: wet

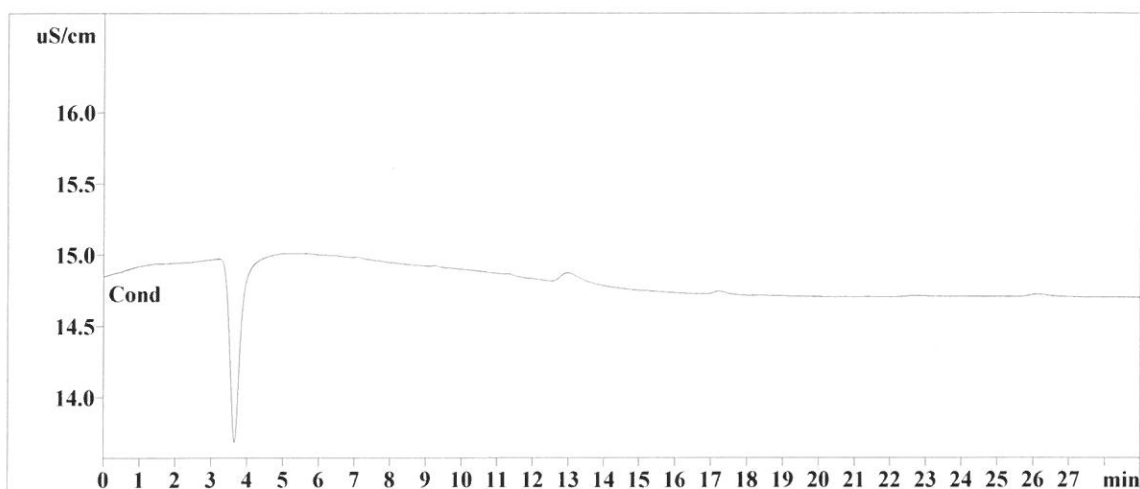
Ident: K3254-01
Analysis from: 6/9/2019 4:52:30 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67271

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 85
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: 6/10/2019 2:18:11 PM
Printed by: wet

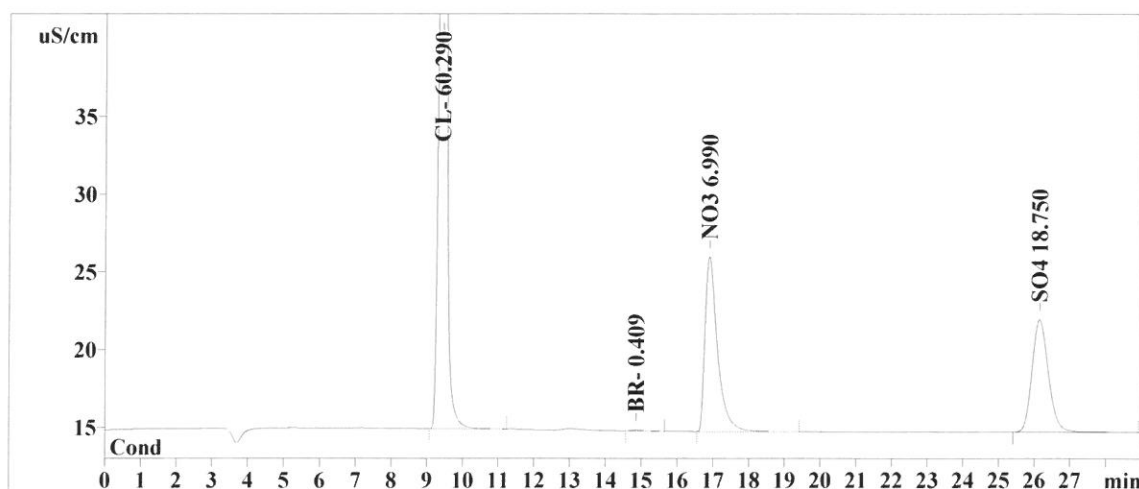
Ident: K3279-06DUP
Analysis from: 6/9/2019 5:24:24 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:10 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67272

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 94
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.41	0.178	82.14	81.61	978.663	66.09	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	14.85	0.306	0.06	0.06	1.161	0.08	0.
5	16.89	0.351	11.23	11.16	272.124	18.38	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.14	0.483	7.21	7.17	228.853	15.45	0.
7	29.00	0.188	100.64	100.00	1480.801	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:18:20 PM
Printed by: wet

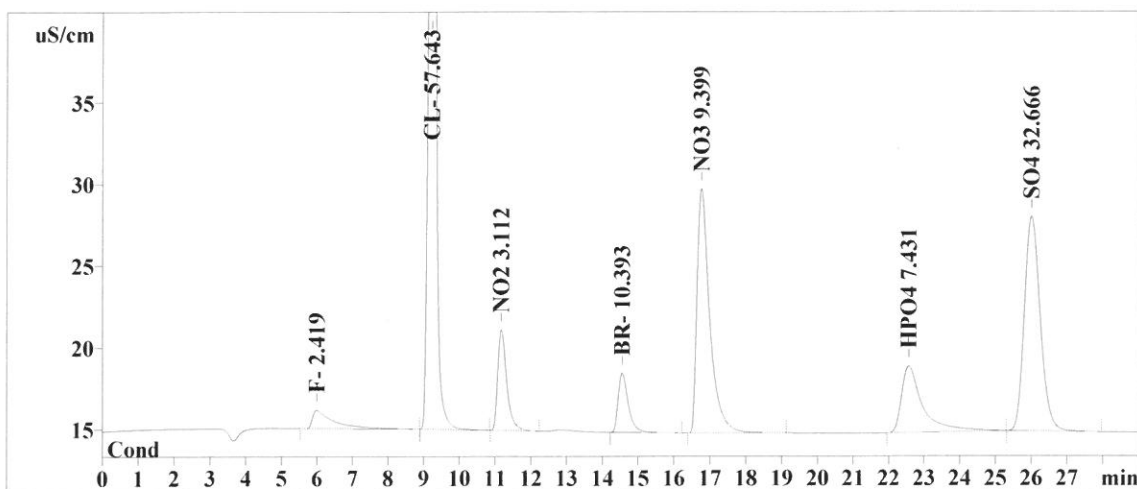
Ident: K3279-06MS
Analysis from: 6/9/2019 5:56:19 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67273

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 95
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.99	0.526	1.13	0.93	48.925	2.32	0.
2	9.22	0.178	78.30	64.54	935.619	44.45	0.
3	11.17	0.256	6.14	5.06	107.411	5.10	0.
4	14.56	0.294	3.62	2.98	71.612	3.40	0.
5	16.75	0.356	14.93	12.31	367.089	17.44	0.
6	22.57	0.536	4.07	3.35	169.209	8.04	0.
7	26.00	0.472	13.13	10.82	404.918	19.24	0.
7	29.00	0.374	121.32	100.00	2104.784	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:18:28 PM
Printed by: wet

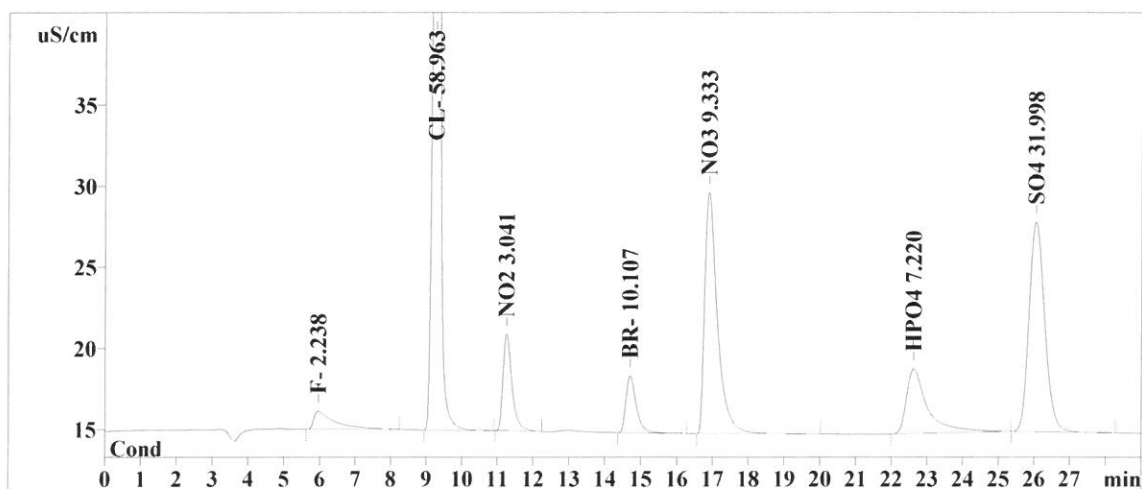
Ident: K3279-06MSD
Analysis from: 6/9/2019 6:28:13 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67274

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 96
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.96	0.522	1.09	0.90	45.000	2.14	0.
2	9.26	0.181	78.86	65.09	957.091	45.53	0.
3	11.26	0.259	5.94	4.90	104.892	4.99	0.
4	14.70	0.296	3.49	2.88	69.593	3.31	0.
5	16.89	0.355	14.85	12.26	364.499	17.34	0.
6	22.63	0.529	3.98	3.28	164.706	7.83	0.
7	26.05	0.469	12.94	10.68	396.459	18.86	0.
7	29.00	0.373	121.15	100.00	2102.239	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:18:50 PM
Printed by: wet

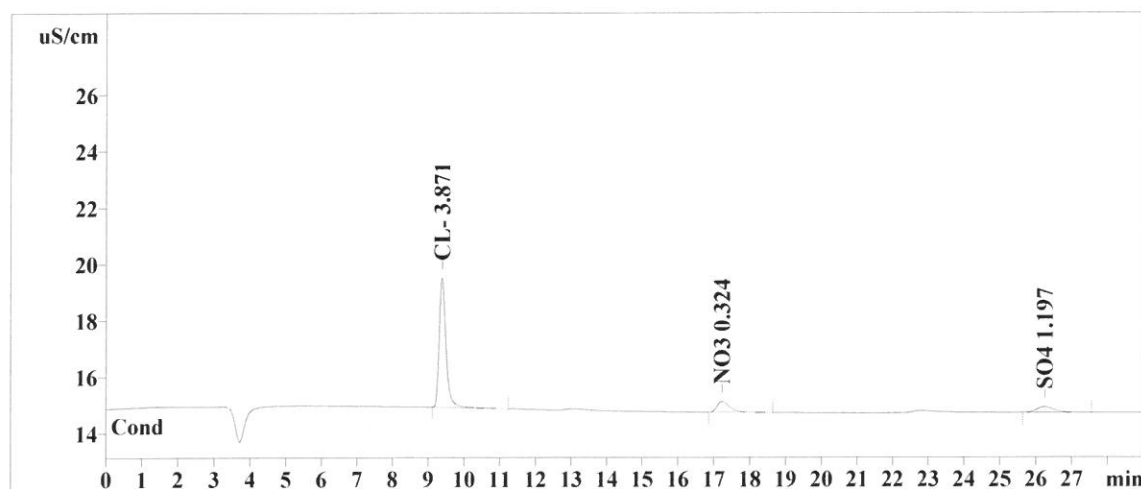
Ident: K3249-12DLX20
Analysis from: 6/9/2019 7:00:07 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67275

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 118
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.39	0.196	4.59	88.74	61.366	79.11	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	17.23	0.367	0.38	7.35	9.423	12.15	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.24	0.506	0.20	3.89	6.782	8.74	0.
7	29.00	0.153	5.17	99.98	77.571	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:19:15 PM
Printed by: wet

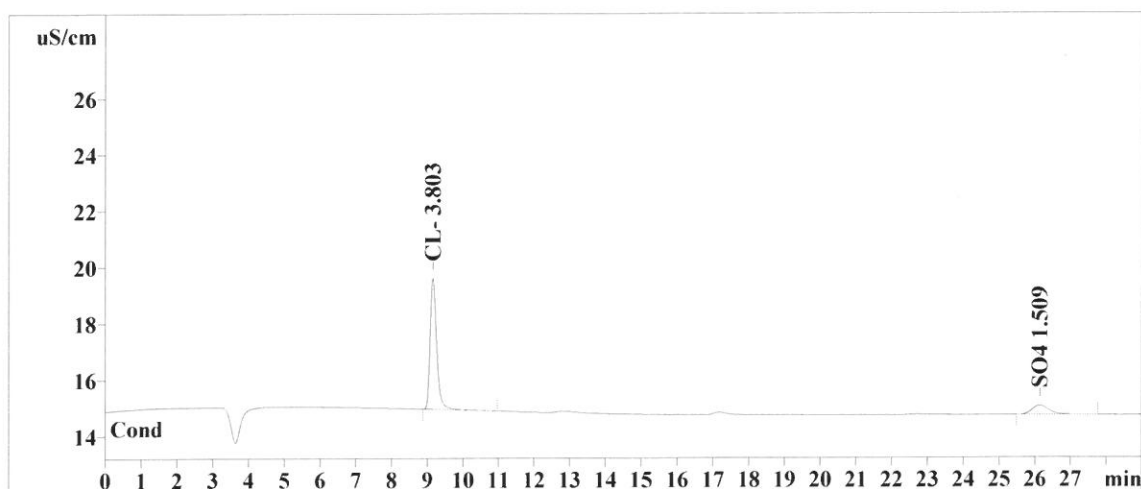
Ident: K3279-03DLX20
Analysis from: 6/9/2019 7:32:02 PM
File: _2019-06-09_

Last save: 6/10/2019 2:19:16 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67276

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 104
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.16	0.190	4.65	93.41	60.267	84.89	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	26.14	0.492	0.33	6.57	10.731	15.11	0.
7	29.00	0.098	4.97	99.98	70.998	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:19:27 PM
Printed by: wet

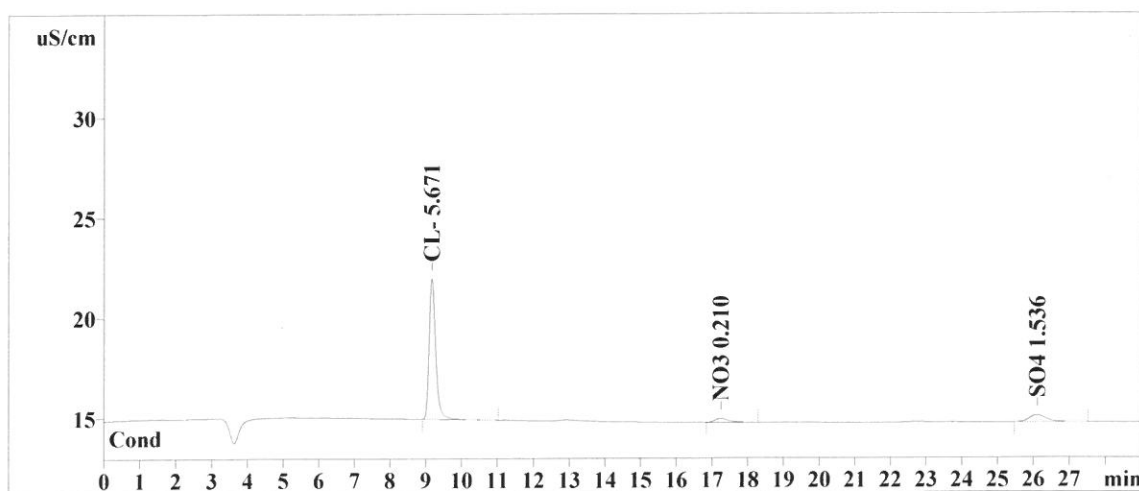
Ident: K3279-02DLX10
Analysis from: 6/9/2019 8:03:56 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67277

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 105
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.18	0.190	7.01	92.89	90.630	85.01	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	17.24	0.380	0.19	2.56	4.911	4.61	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.10	0.490	0.34	4.53	11.069	10.38	0.
7	29.00	0.151	7.55	99.98	106.610	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:19:35 PM
Printed by: wet

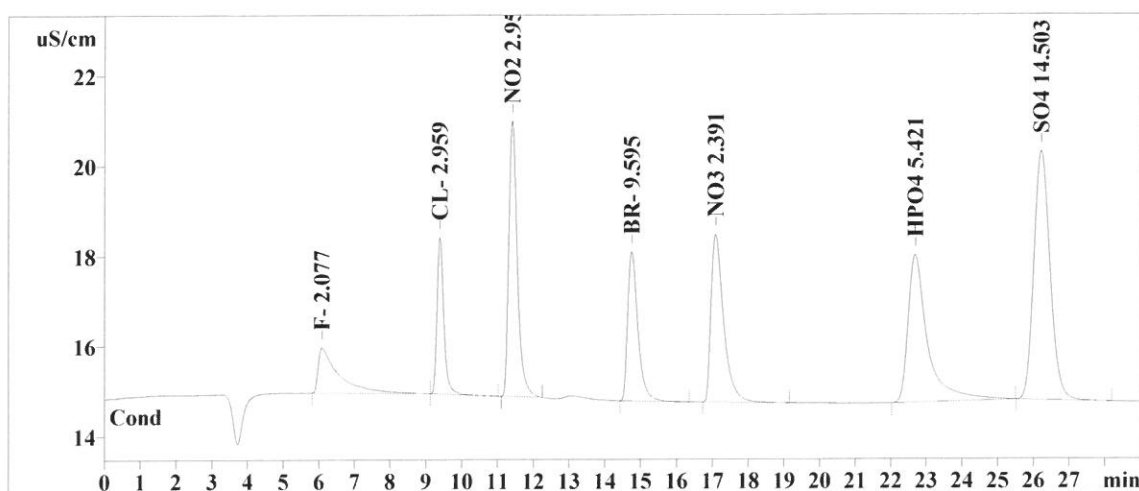
Ident: CCV
Analysis from: 6/9/2019 8:35:50 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67278

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.09	0.504	1.01	3.81	41.515	6.40	0.
2	9.39	0.197	3.47	13.13	46.536	7.18	0.
3	11.41	0.247	6.11	23.14	101.820	15.71	0.
4	14.75	0.295	3.31	12.52	65.987	10.18	0.
5	17.08	0.358	3.72	14.10	90.871	14.02	0.
6	22.69	0.509	3.27	12.40	126.369	19.49	0.
7	26.21	0.487	5.52	20.89	175.128	27.02	0.
7	29.00	0.371	26.40	99.99	648.225	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:19:43 PM
Printed by: wet

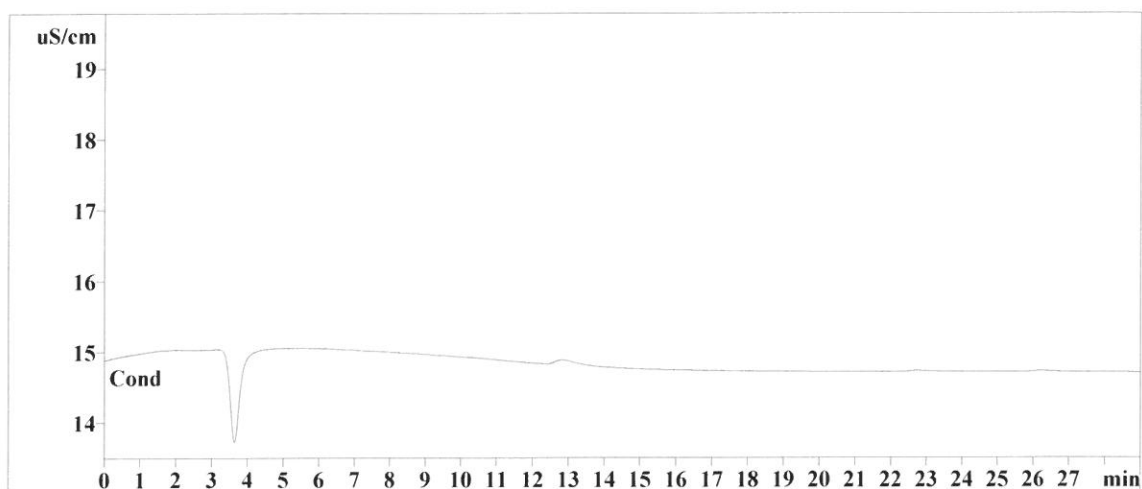
Ident: CCB
Analysis from: 6/9/2019 9:07:45 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67279

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:20:08 PM
Printed by: wet

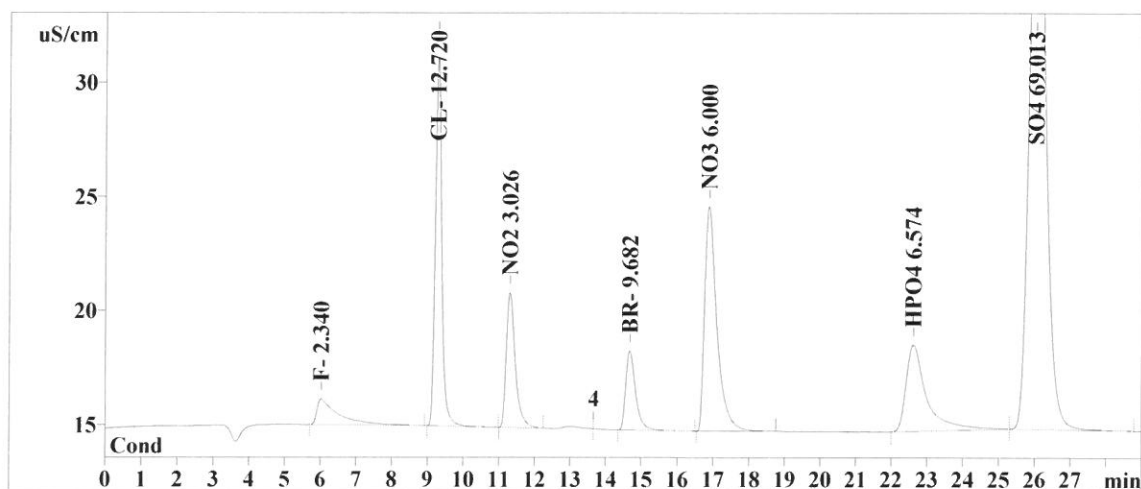
Ident: K3280-02MS
Analysis from: 6/9/2019 9:39:39 PM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67280

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 116
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.03	0.521	1.12	1.65	47.205	2.82	0.
2	9.28	0.186	16.16	23.79	205.237	12.27	0.
3	11.30	0.259	5.90	8.68	104.344	6.24	0.
4	14.68	0.285	3.46	5.09	66.601	3.98	0.
5	16.87	0.345	9.82	14.44	233.123	13.94	0.
6	22.61	0.514	3.78	5.56	150.940	9.03	0.
7	26.02	0.480	27.72	40.79	864.771	51.71	0.
7	29.00	0.370	67.95	100.00	1672.221	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:20:24 PM
Printed by: wet

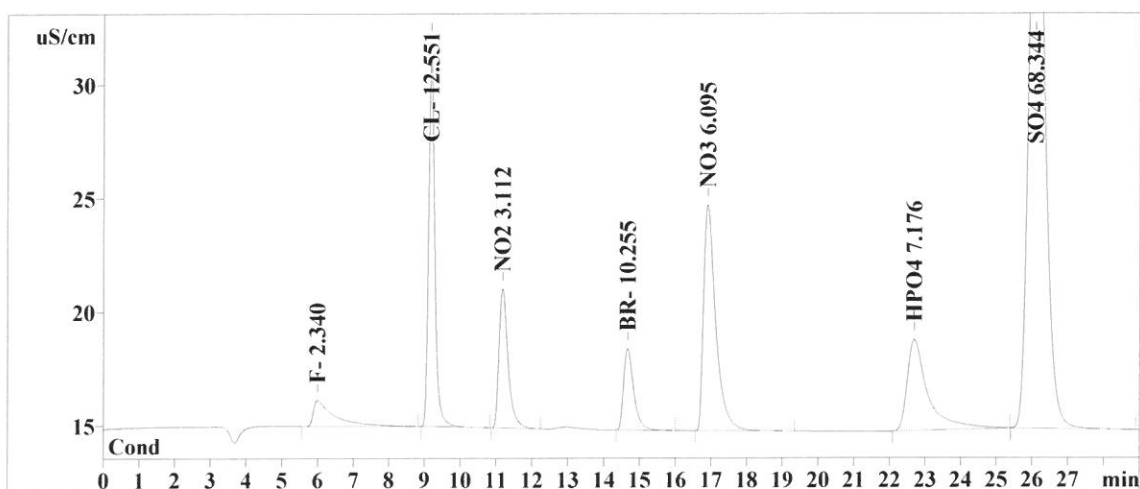
Ident: K3280-02MSD
Analysis from: 6/9/2019 10:11:33 PM
File: _2019-06-09_

Last save: 6/10/2019 11:28:24 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67281

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 117
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.00	0.513	1.13	1.65	47.208	2.80	0.
2	9.19	0.183	16.24	23.59	202.486	12.02	0.
3	11.19	0.257	6.11	8.88	107.408	6.38	0.
4	14.67	0.293	3.58	5.20	70.644	4.19	0.
5	16.90	0.346	9.94	14.43	236.852	14.06	0.
6	22.70	0.522	4.02	5.83	163.779	9.72	0.
7	26.09	0.473	27.82	40.41	856.304	50.83	0.
7	29.00	0.370	68.84	100.00	1684.682	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:20:48 PM
Printed by: wet

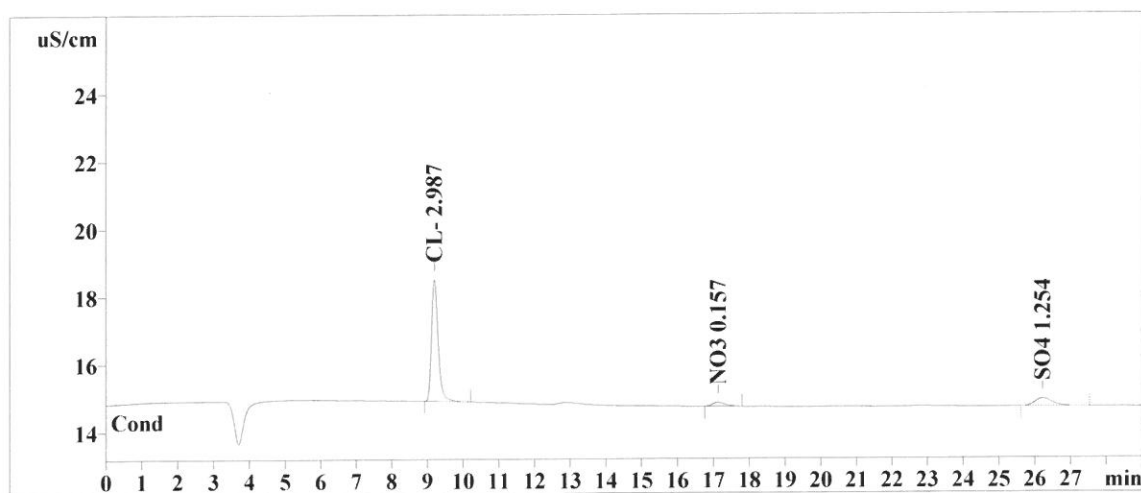
Ident: K3279-05DLX10
Analysis from: 6/9/2019 11:47:16 PM
File: _2019-06-09_

Last save: 6/10/2019 11:24:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67284

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 122
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.192	3.60	91.22	47.001	81.98	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	17.12	0.374	0.12	2.94	2.833	4.94	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.22	0.501	0.23	5.80	7.498	13.08	0.
7	29.00	0.153	3.94	99.95	57.332	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:21:04 PM
Printed by: wet

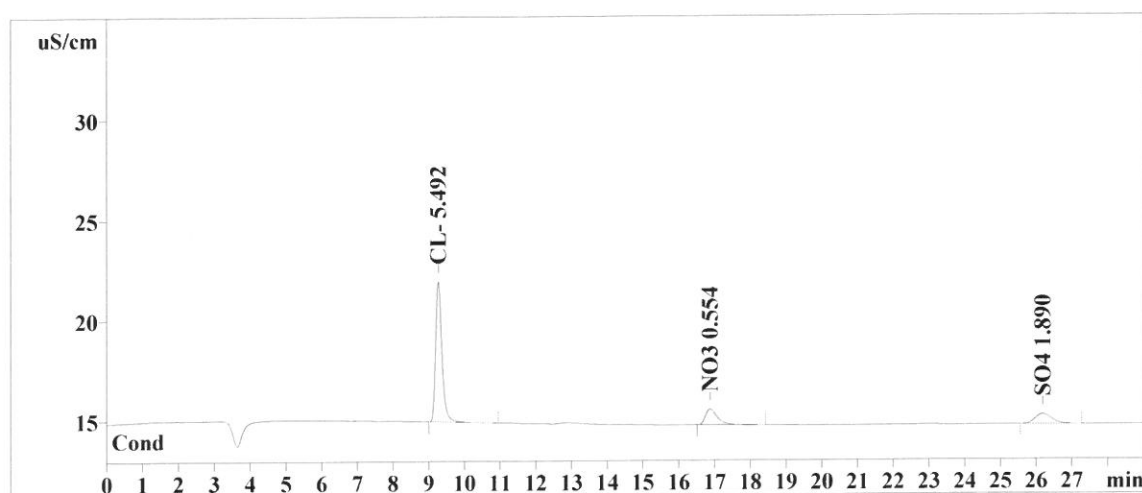
Ident: K3279-04DLX10
Analysis from: 6/10/2019 12:19:10 AM
File: _2019-06-10_

Last save: 6/10/2019 11:24:14 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67285

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 123
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.28	0.185	6.99	84.56	87.717	72.04	0.
3	0.00	0.000	0.00	0.00	0.000	0.00	0.
4	0.00	0.000	0.00	0.00	0.000	0.00	0.
5	16.87	0.350	0.78	9.46	18.502	15.19	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.18	0.484	0.49	5.98	15.550	12.77	0.
7	29.00	0.146	8.27	99.99	121.769	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:21:16 PM
Printed by: wet

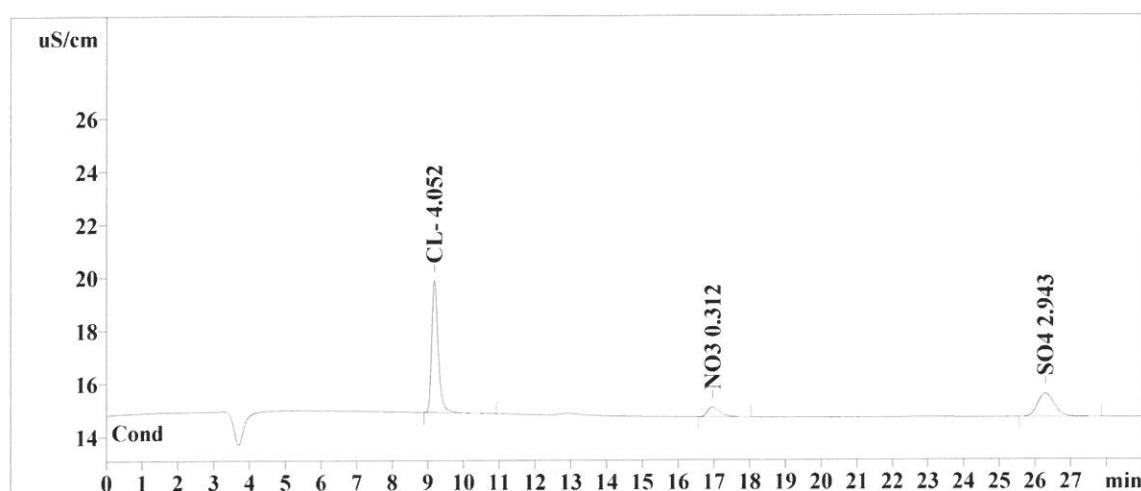
Ident: K3279-07DLX10
Analysis from: 6/10/2019 12:51:04 AM
File: _2019-06-10_

Last save: 6/10/2019 11:24:14 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67286

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 124
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.190	4.97	79.77	64.307	62.97	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	16.96	0.355	0.38	6.02	8.946	8.76	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.29	0.500	0.88	14.18	28.868	28.27	0.
7	29.00	0.149	6.23	99.97	102.121	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:21:50 PM
Printed by: wet

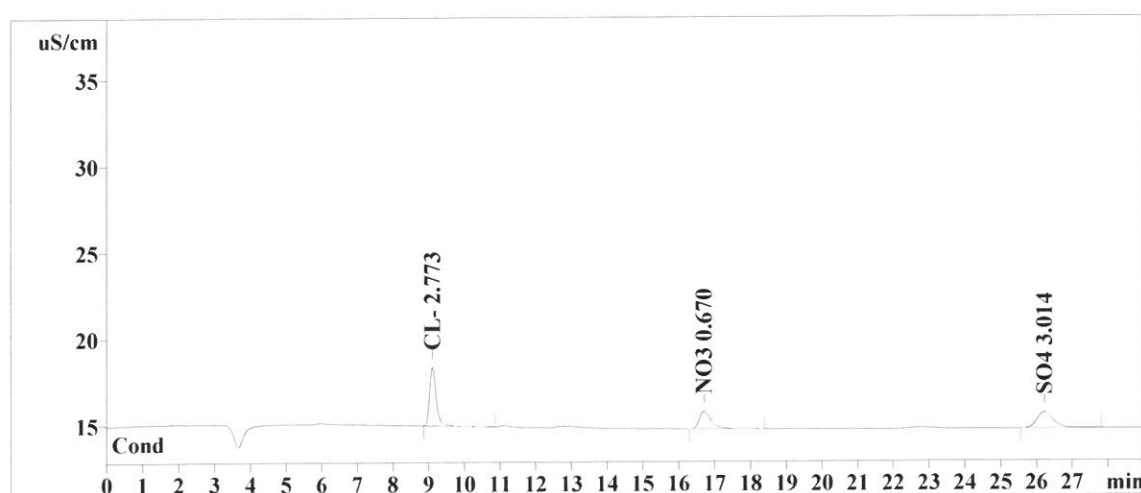
Ident: K3279-08DLX5
Analysis from: 6/10/2019 1:54:52 AM
File: _2019-06-10_

Last save: 6/10/2019 2:21:46 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67288

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 126
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.190	3.38	63.73	43.512	45.16	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	16.70	0.341	1.00	18.80	23.074	23.95	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.22	0.483	0.93	17.46	29.766	30.89	0.
7	29.00	0.145	5.30	99.99	96.352	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:21:59 PM
Printed by: wet

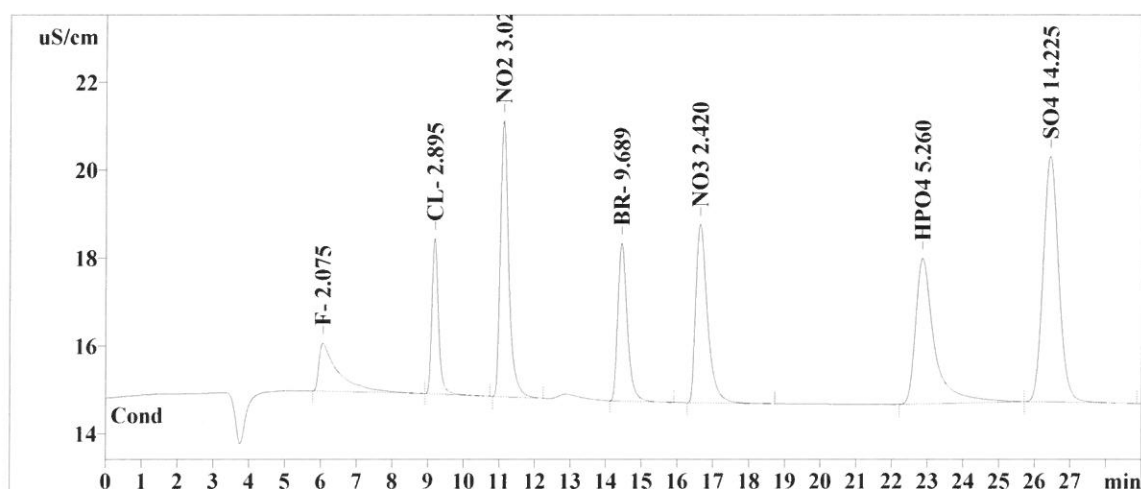
Ident: CCV
Analysis from: 6/10/2019 2:26:47 AM
File: _2019-06-10_

Last save: 6/10/2019 2:55:36 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67289

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 100
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.06	0.469	1.09	3.97	41.454	6.43	0.
2	9.18	0.189	3.53	12.87	45.498	7.06	0.
3	11.12	0.243	6.28	22.88	104.365	16.19	0.
4	14.44	0.278	3.59	13.07	66.644	10.34	0.
5	16.63	0.334	4.06	14.80	92.036	14.28	0.
6	22.86	0.494	3.31	12.06	122.935	19.07	0.
7	26.42	0.469	5.59	20.36	171.605	26.62	0.
7	29.00	0.354	27.44	100.00	644.537	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:22:14 PM
Printed by: wet

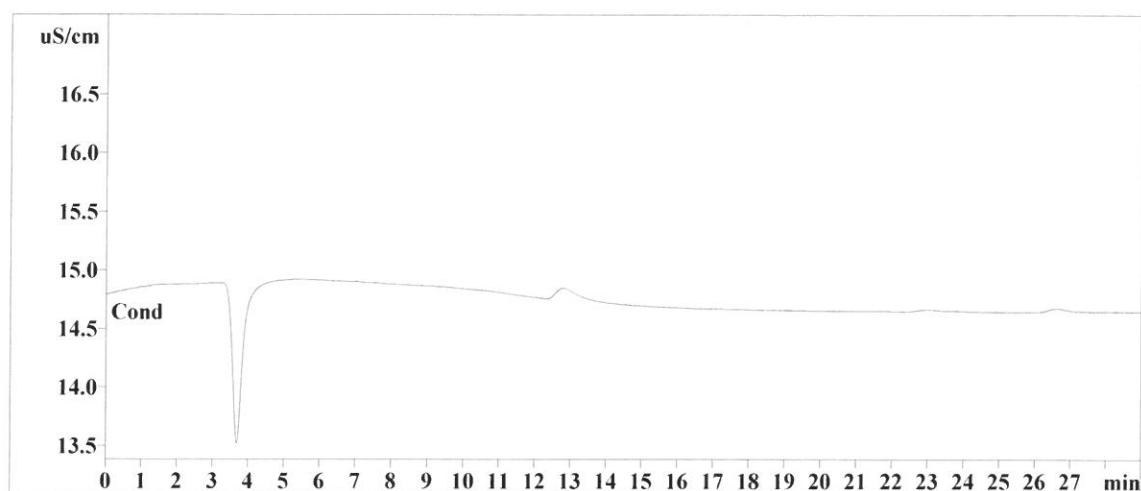
Ident: CCB
Analysis from: 6/10/2019 2:58:41 AM
File: _2019-06-10_

Last save: 6/10/2019 2:22:14 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67290

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 101
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: 6/10/2019 2:23:49 PM
Printed by: wet

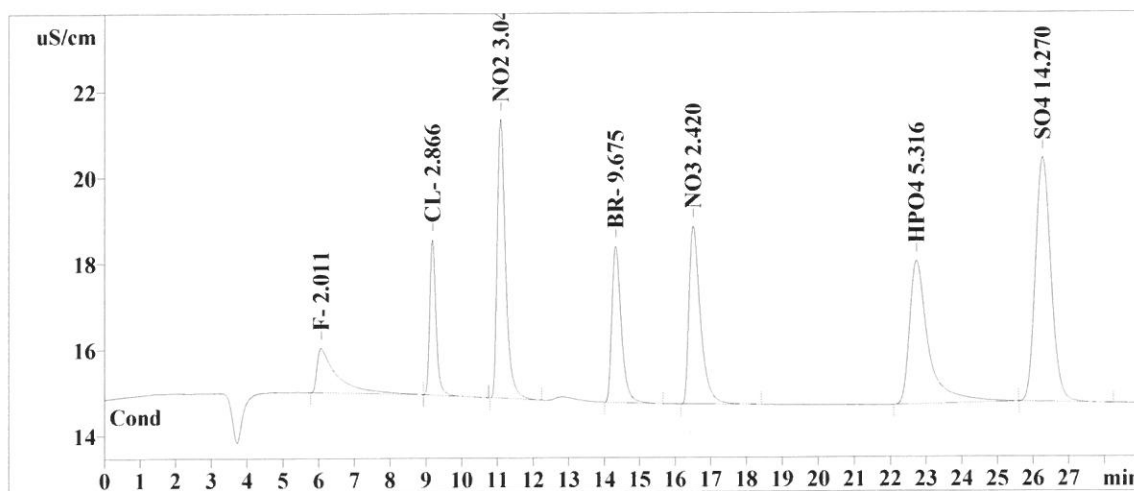
Ident: CCV
Analysis from: 6/10/2019 8:55:04 AM
File: _2019-06-10_

Last save: 6/10/2019 9:23:52 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67295

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.06	0.473	1.03	3.70	40.075	6.21	0.
2	9.18	0.184	3.61	12.93	45.035	6.98	0.
3	11.09	0.238	6.48	23.22	105.059	16.29	0.
4	14.32	0.273	3.63	13.01	66.546	10.32	0.
5	16.50	0.327	4.13	14.82	92.022	14.27	0.
6	22.73	0.492	3.34	11.96	124.138	19.24	0.
7	26.26	0.464	5.68	20.36	172.177	26.69	0.
7	29.00	0.350	27.90	99.98	645.051	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:23:58 PM
Printed by: wet

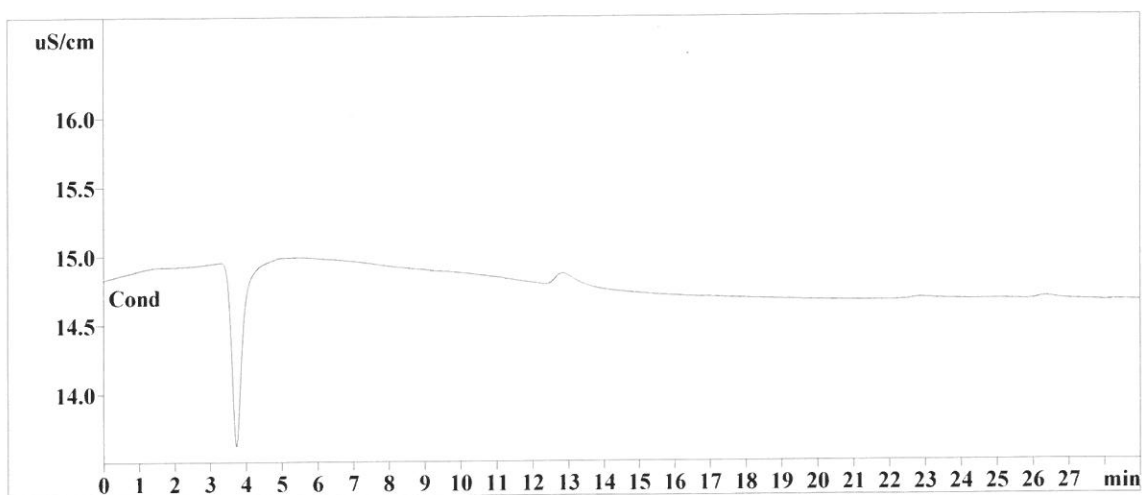
Ident: CCB
Analysis from: 6/10/2019 9:26:59 AM
File: _2019-06-10_

Last save: 6/10/2019 9:55:48 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67296

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:25:14 PM
Printed by: wet

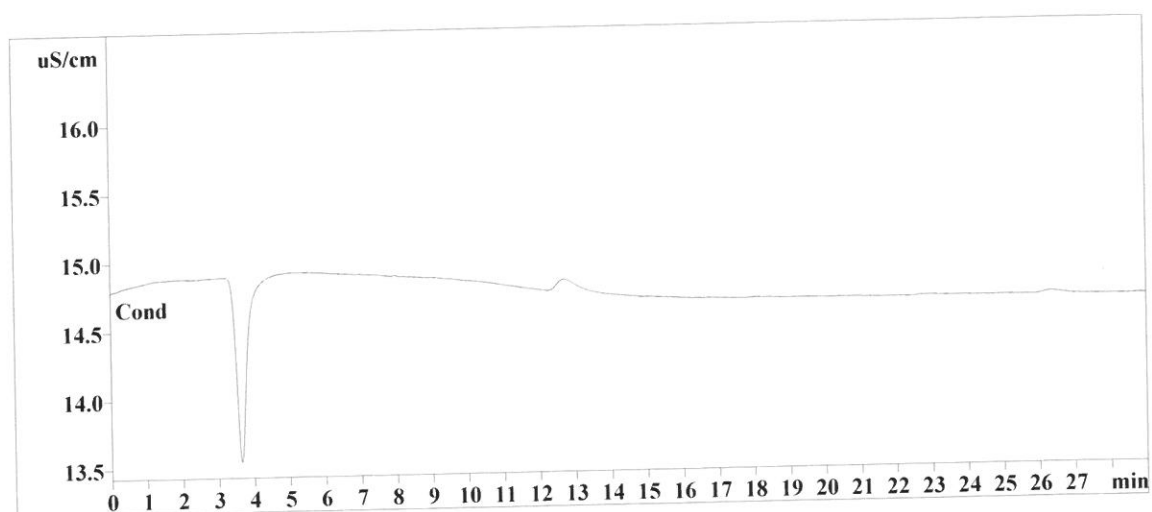
Ident: LB103292BLW6
Analysis from: 6/10/2019 9:58:53 AM
File: _2019-06-10_

Last save: 6/10/2019 2:23:44 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67297

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:26:58 PM
Printed by: wet

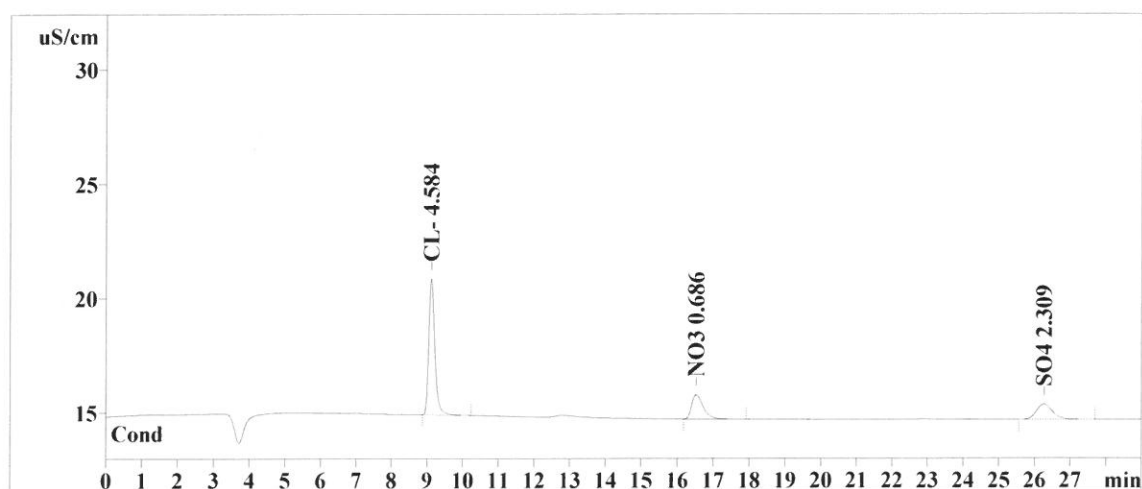
Ident: K3279-06DL2X10
Analysis from: 6/10/2019 11:02:41 AM
File: _2019-06-10_

Last save: 6/10/2019 11:47:12 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67299

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 125
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.12	0.180	5.95	77.43	72.967	62.10	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	16.53	0.329	1.07	13.90	23.676	20.15	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.26	0.475	0.67	8.67	20.853	17.75	0.
7	29.00	0.141	7.69	100.00	117.496	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:27:35 PM
Printed by: wet

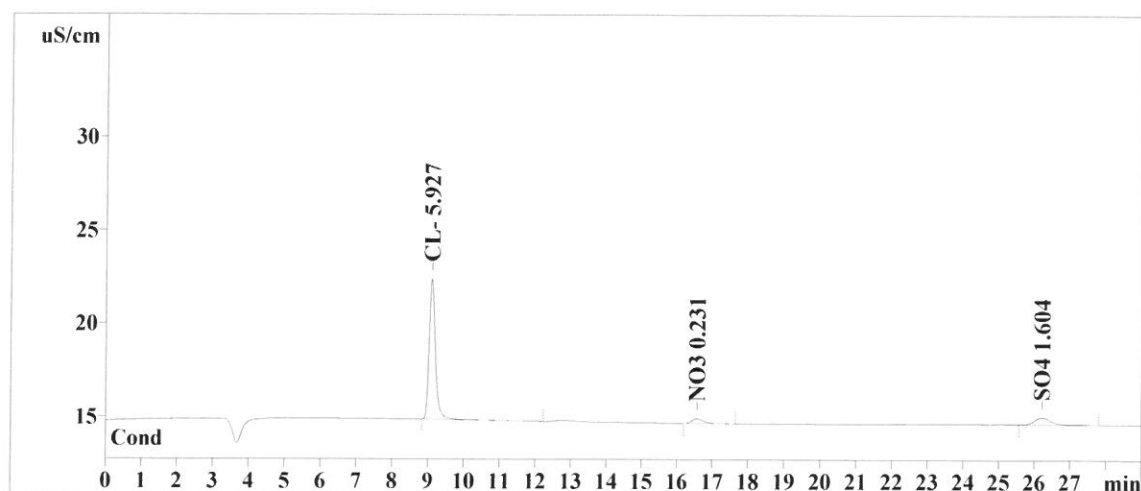
Ident: K3280-12DLX20
Analysis from: 6/10/2019 11:34:35 AM
File: _2019-06-10_

Last save: 6/10/2019 12:45:28 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67300

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.10	0.182	7.52	92.29	94.800	84.28	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	16.57	0.342	0.25	3.05	5.745	5.11	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.22	0.477	0.38	4.64	11.931	10.61	0.
7	29.00	0.143	8.15	99.99	112.476	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:28:33 PM
Printed by: wet

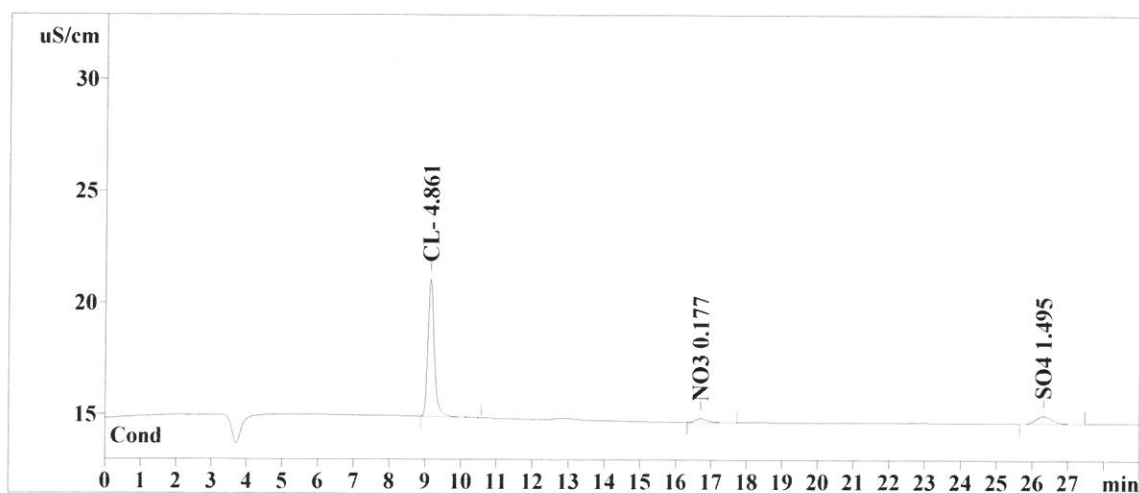
Ident: K3280-05DLX5
Analysis from: 6/10/2019 12:06:30 PM
File: _2019-06-10_

Last save: 6/10/2019 12:35:18 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67301

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.14	0.186	6.14	92.52	77.461	84.50	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	16.69	0.339	0.16	2.41	3.648	3.98	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.31	0.481	0.33	5.05	10.555	11.52	0.
7	29.00	0.144	6.63	99.98	91.664	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:28:50 PM
Printed by: wet

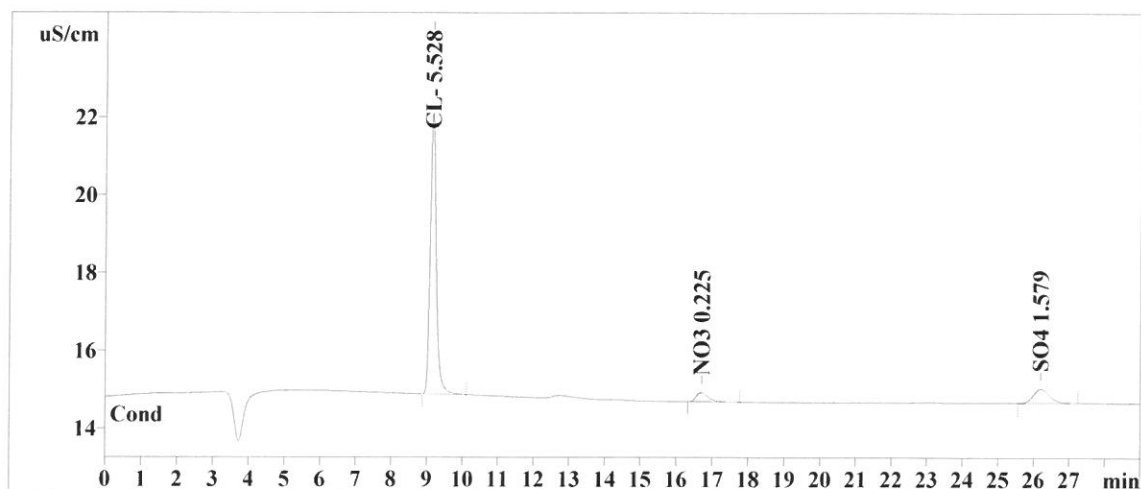
Ident: K3280-11DLX20
Analysis from: 6/10/2019 12:38:24 PM
File: _2019-06-10_

Last save: 6/10/2019 1:07:12 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67302

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.15	0.181	7.22	92.31	88.302	83.76	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	16.70	0.349	0.24	3.01	5.514	5.23	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.20	0.488	0.36	4.66	11.607	11.01	0.
7	29.00	0.145	7.82	99.98	105.423	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:29:07 PM
Printed by: wet

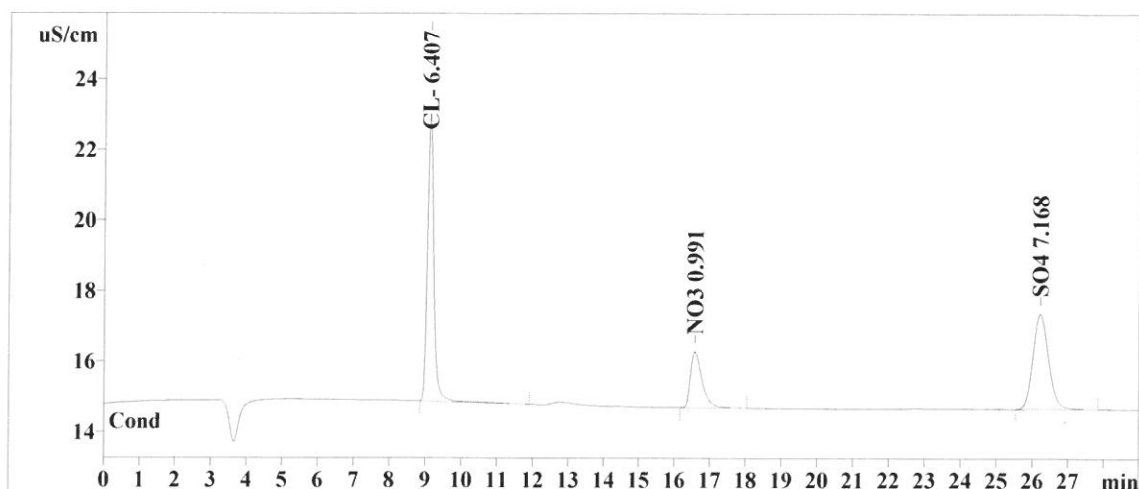
Ident: K3280-03DLX5
Analysis from: 6/10/2019 1:10:18 PM
File: _2019-06-10_

Last save: 6/10/2019 1:39:06 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67303

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.183	8.14	65.54	102.597	46.50	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	16.58	0.333	1.58	12.76	35.728	16.19	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.21	0.466	2.69	21.69	82.318	37.31	0.
7	29.00	0.140	12.41	99.99	220.643	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/10/2019 2:29:25 PM
Printed by: wet

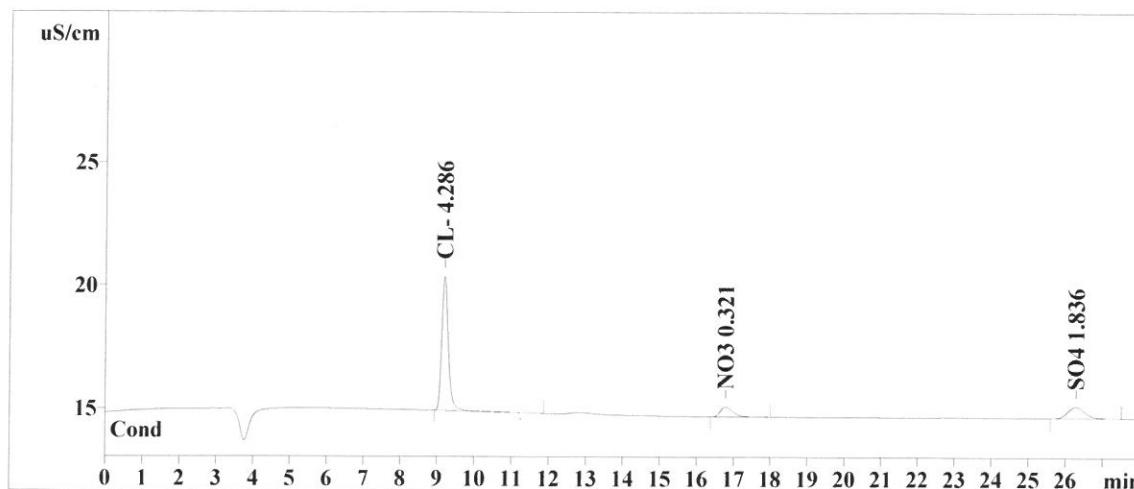
Ident: K3280-02DLX10
Analysis from: 6/10/2019 1:42:13 PM
File: _2019-06-10_

Last save: 6/10/2019 2:10:04 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67304

Last save: 5/30/2019 2:14:16 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.19	0.182	5.44	86.30	68.121	73.82	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	16.78	0.348	0.40	6.31	9.302	10.08	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.28	0.489	0.46	7.36	14.861	16.10	0.
7	28.04	0.146	6.31	99.97	92.284	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:50:30 AM
Printed by: wet

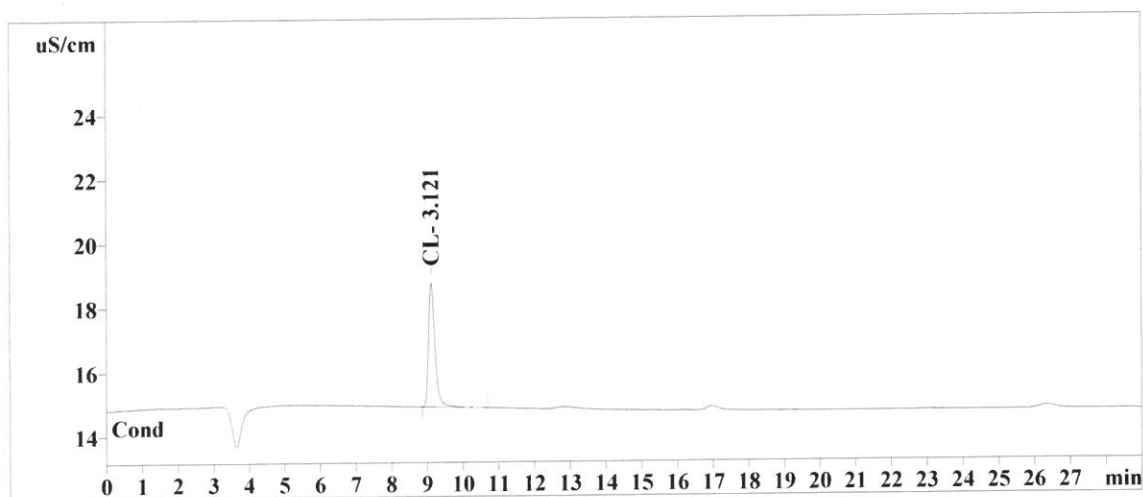
Ident: K3280-04DLX50
Analysis from: 6/10/2019 2:33:40 PM
File: _2019-06-10_

Last save: 6/11/2019 10:50:30 AM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67306

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 12
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.12	0.187	3.85	100.00	49.179	100.00	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	29.00	0.027	3.85	100.00	49.179	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:50:48 AM
Printed by: wet

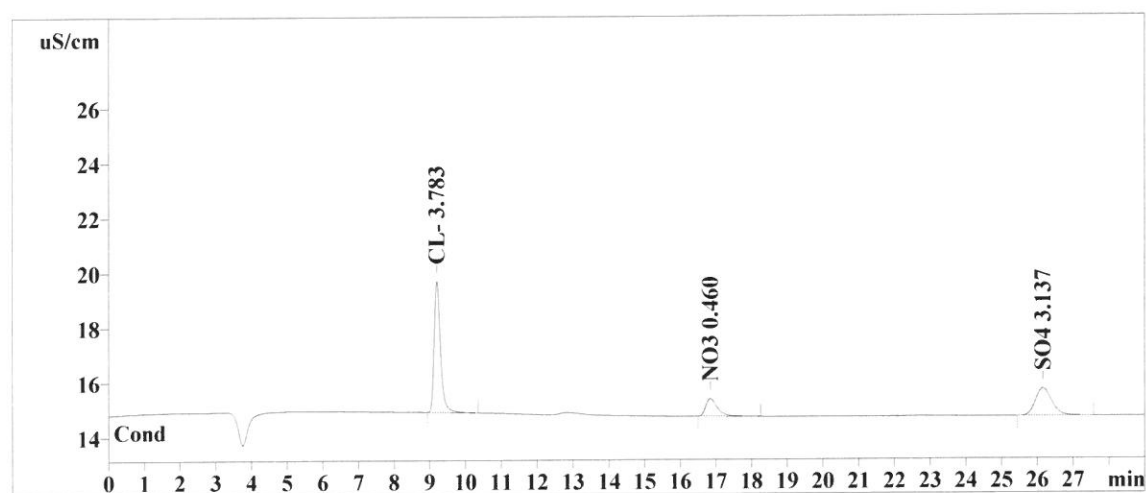
Ident: K3280-06DLX2
Analysis from: 6/10/2019 3:05:34 PM
File: _2019-06-10_

Last save: 6/10/2019 3:34:22 PM

Method: ANIONS 05-07-19.mtw
Run operator: wet
Analysis number: 67307

Last save: 5/30/2019 2:14:16 PM

SAMPLE:
: AK/AP
Vial number: 13
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.21	0.184	4.78	74.48	59.930	56.53	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	16.84	0.341	0.64	9.96	14.766	13.93	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.16	0.480	1.00	15.55	31.324	29.55	0.
7	29.00	0.144	6.41	99.99	106.020	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:50:55 AM
Printed by: wet

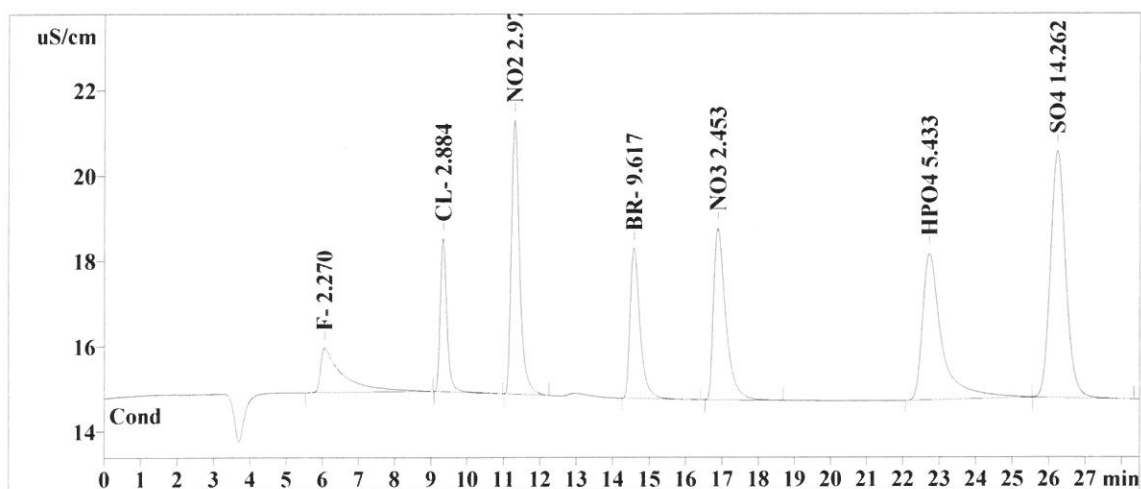
Ident: CCV
Analysis from: 6/10/2019 4:52:21 PM
File: _2019-06-10_

Last save: 6/10/2019 5:20:40 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67311

Last save: 6/10/2019 4:05:28 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	6.06	0.515	1.04	3.76	45.681	7.01	0.
2	9.34	0.185	3.58	12.90	45.323	6.95	0.
3	11.29	0.235	6.42	23.11	102.614	15.74	0.
4	14.58	0.277	3.52	12.66	66.142	10.15	0.
5	16.88	0.340	4.01	14.44	93.320	14.32	0.
6	22.73	0.480	3.43	12.35	126.639	19.43	0.
7	26.23	0.455	5.77	20.77	172.072	26.40	0.
7	28.50	0.355	27.78	99.99	651.789	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:51:07 AM
Printed by: wet

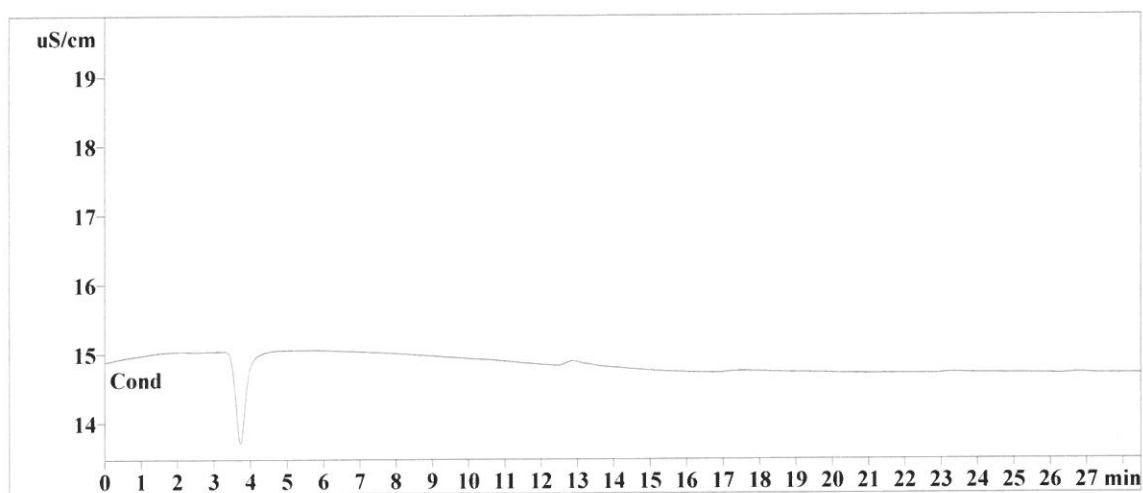
Ident: CCB
Analysis from: 6/10/2019 5:23:46 PM
File: _2019-06-10_

Last save: 6/10/2019 5:52:04 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67312

Last save: 6/10/2019 4:05:28 PM

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: 6/11/2019 10:51:16 AM
Printed by: wet

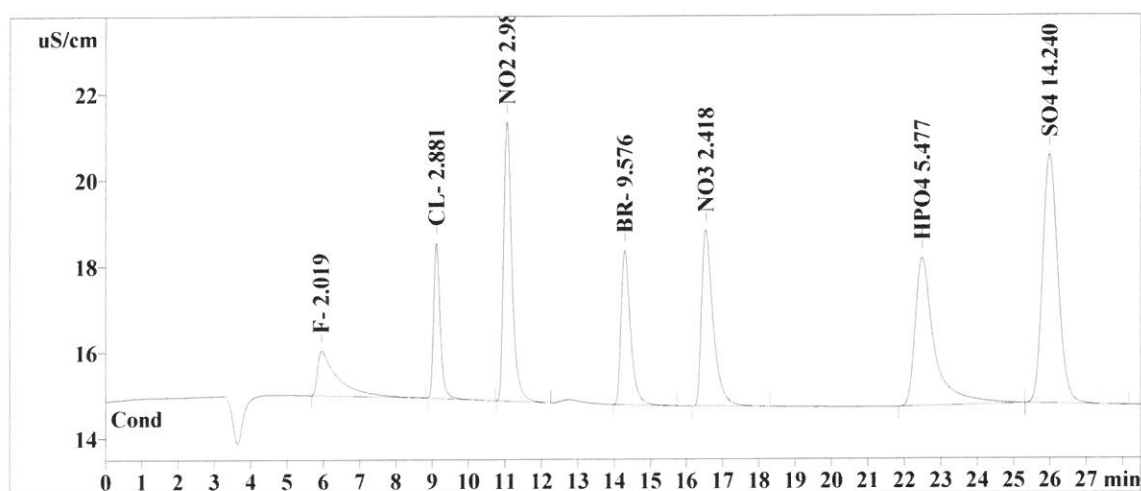
Ident: LB103292BSW6
Analysis from: 6/10/2019 5:55:10 PM
File: _2019-06-10_

Last save: 6/10/2019 6:23:30 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67313

Last save: 6/10/2019 4:05:28 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.95	0.484	1.04	3.71	40.253	6.24	0.
2	9.12	0.184	3.61	12.87	45.264	7.01	0.
3	11.05	0.233	6.49	23.13	102.820	15.93	0.
4	14.29	0.272	3.58	12.78	65.852	10.20	0.
5	16.54	0.329	4.10	14.61	91.968	14.25	0.
6	22.49	0.481	3.45	12.29	127.565	19.76	0.
7	26.00	0.454	5.78	20.61	171.790	26.61	0.
7	28.50	0.348	28.04	99.99	645.511	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:51:31 AM
Printed by: wet

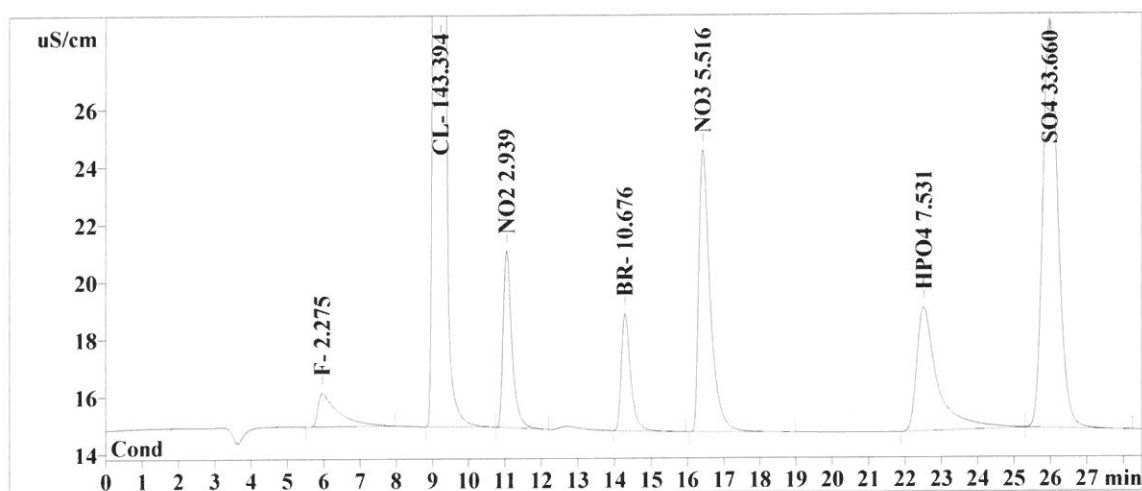
Ident: K3280-09MS
Analysis from: 6/10/2019 6:26:35 PM
File: _2019-06-10_

Last save: 6/10/2019 6:54:54 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67314

Last save: 6/10/2019 4:05:28 PM

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 uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.96	0.525	1.16	0.54	45.796	1.37	0.
2	9.24	0.206	175.50	81.54	2329.807	69.48	0.
3	11.05	0.238	6.15	2.86	101.251	3.02	0.
4	14.29	0.267	4.07	1.89	73.609	2.20	0.
5	16.43	0.316	9.80	4.56	214.055	6.38	0.
6	22.52	0.502	4.31	2.00	171.346	5.11	0.
7	25.99	0.448	14.24	6.61	417.491	12.45	0.
7	28.50	0.357	215.23	100.00	3353.356	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:51:40 AM
Printed by: wet

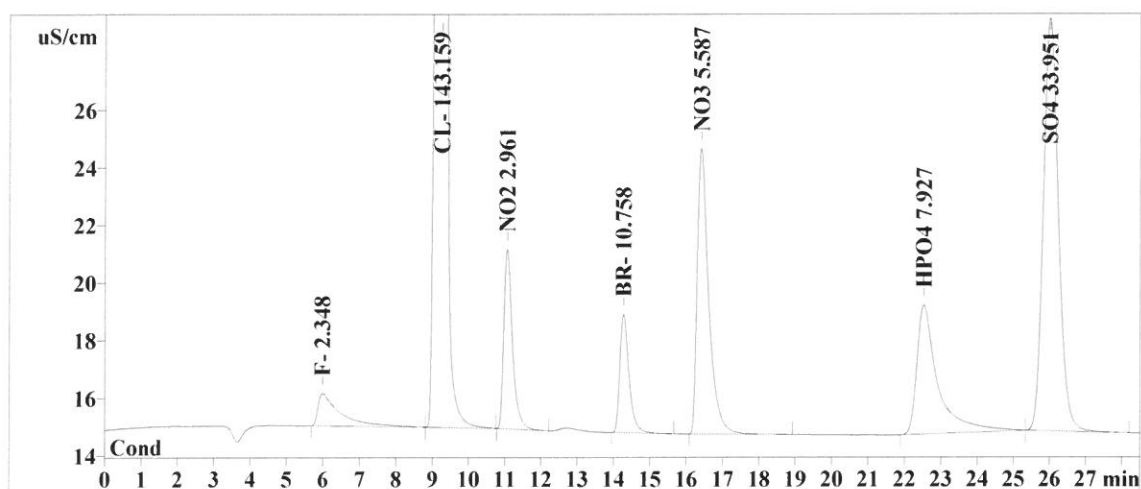
Ident: K3280-10MSD
Analysis from: 6/10/2019 6:58:00 PM
File: _2019-06-10_

Last save: 6/10/2019 7:26:18 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67315

Last save: 6/10/2019 4:05:28 PM

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 uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.99	0.527	1.12	0.52	47.391	1.41	0.
2	9.25	0.206	175.23	81.34	2325.992	69.07	0.
3	11.06	0.238	6.23	2.89	102.012	3.03	0.
4	14.28	0.267	4.11	1.91	74.191	2.20	0.
5	16.41	0.317	9.91	4.60	216.862	6.44	0.
6	22.53	0.507	4.47	2.07	179.766	5.34	0.
7	26.01	0.449	14.34	6.66	421.178	12.51	0.
7	28.50	0.359	215.41	99.99	3367.392	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:52:09 AM
Printed by: wet

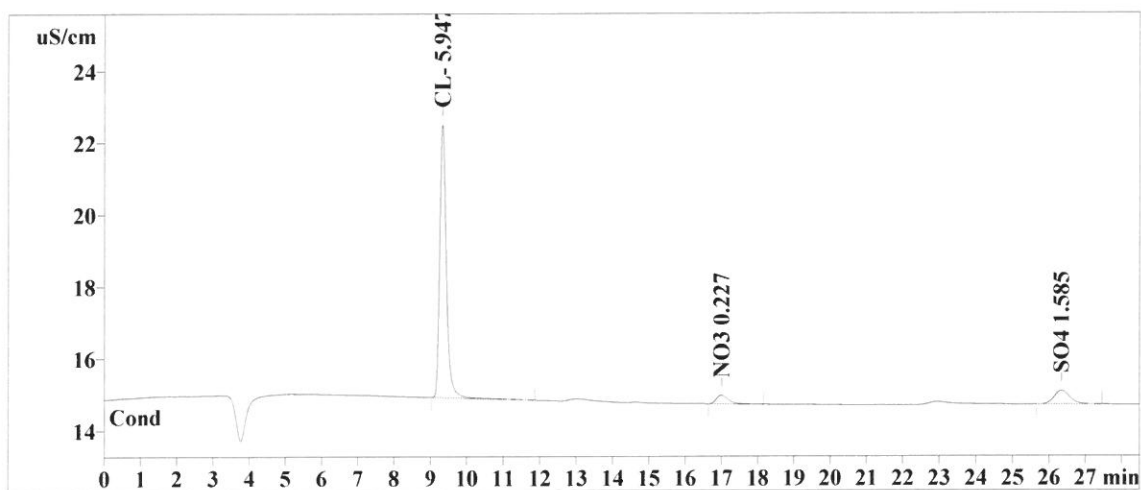
Ident: K3280-08DLX20
Analysis from: 6/10/2019 7:29:24 PM
File: _2019-06-10_

Last save: 6/11/2019 10:52:10 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67316

Last save: 6/10/2019 4:05:28 PM

SAMPLE:
: AK/AP
Vial number: 14
Volume: 20.0 µL
Dilution: 1.00
Amount: 1.0000



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.34	0.182	7.58	92.39	95.114	84.63	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	16.99	0.340	0.24	2.95	5.587	4.97	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.34	0.469	0.38	4.63	11.692	10.40	0.
7	28.50	0.142	8.20	99.97	112.393	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:52:41 AM
Printed by: wet

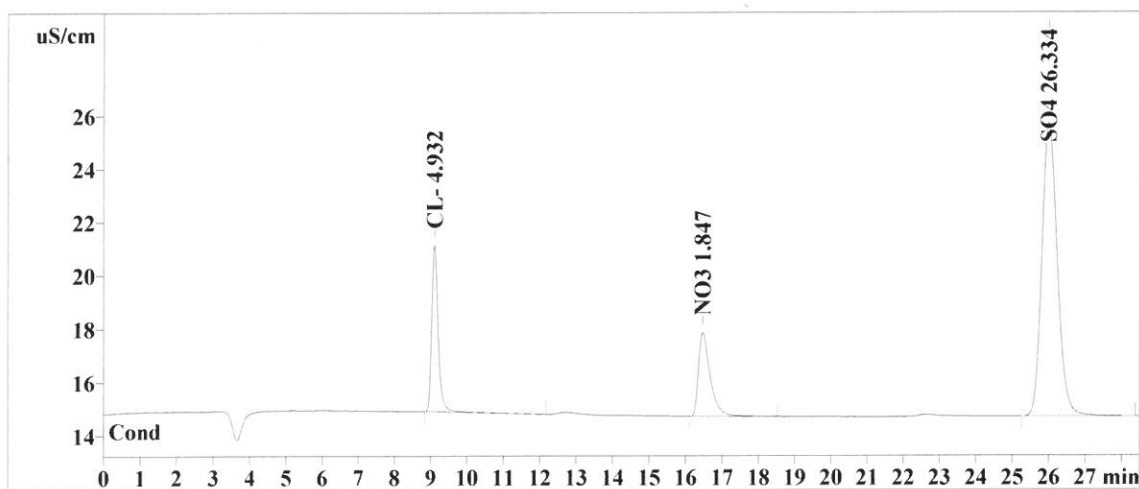
Ident: K3280-02DLX2
Analysis from: 6/10/2019 8:00:49 PM
File: _2019-06-10_

Last save: 6/11/2019 10:52:42 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67317

Last save: 6/10/2019 4:05:28 PM

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 uS/cm	Height %	Area uS/cm*sec	Area %	
1	0.00	0.000	0.00	0.00	0.000	0.00	0.
2	9.11	0.182	6.23	30.61	78.612	16.62	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	16.47	0.325	3.12	15.36	69.463	14.69	0.
6	0.00	0.000	0.00	0.00	0.000	0.00	0.
7	26.01	0.450	10.99	54.03	324.806	68.69	0.
7	28.50	0.137	20.34	100.00	472.880	100.00	0.

This report has been created by IC Net
METROHM LTD

Report date: 6/11/2019 10:52:52 AM
Printed by: wet

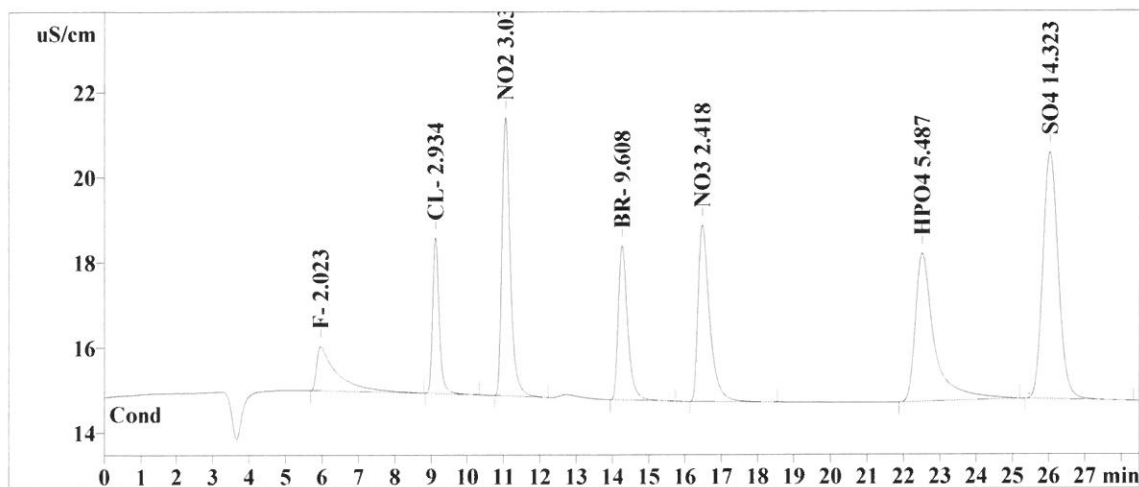
Ident: CCV
Analysis from: 6/10/2019 9:03:38 PM
File: _2019-06-10_

Last save: 6/11/2019 8:26:04 AM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67319

Last save: 6/10/2019 4:05:28 PM

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



Quantitation method: Custom

No	Retention min	Width/2 min	Height uS/cm	Height %	Area uS/cm*sec	Area %	
1	5.96	0.475	1.04	3.69	40.333	6.21	0.
2	9.11	0.186	3.66	12.93	46.126	7.10	0.
3	11.04	0.236	6.54	23.12	104.663	16.11	0.
4	14.26	0.270	3.62	12.81	66.077	10.17	0.
5	16.47	0.324	4.14	14.65	91.956	14.15	0.
6	22.51	0.477	3.48	12.31	127.779	19.66	0.
7	26.03	0.456	5.80	20.50	172.851	26.60	0.
7	28.50	0.346	28.28	100.00	649.785	100.00	0.

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METROHM LTD

Report date: 6/11/2019 10:53:00 AM
Printed by: wet

Ident: CCB
Analysis from: 6/10/2019 9:35:02 PM
File: _2019-06-10_

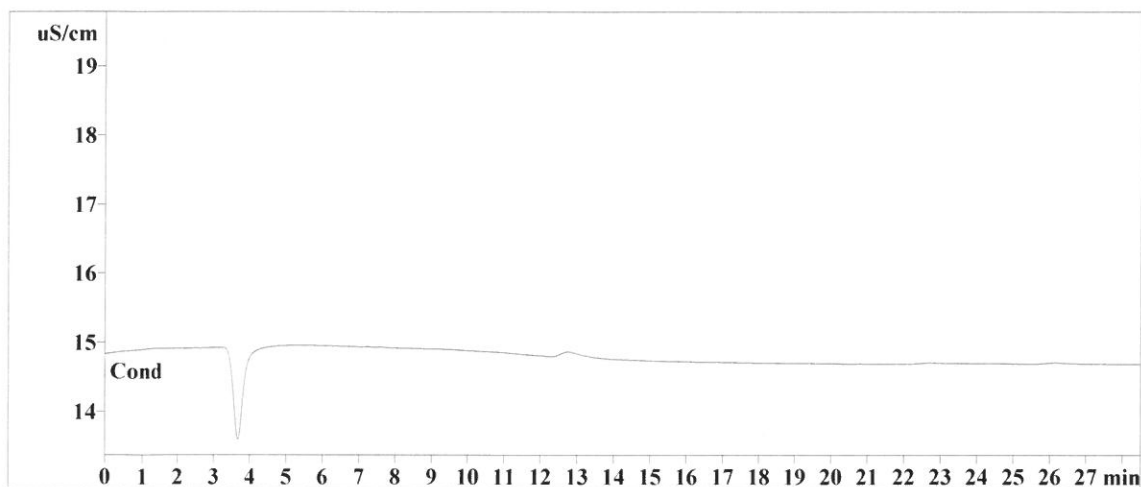
Last save: 6/10/2019 10:03:20 PM

Method: ANIONS 05-23-19.mtw
Run operator: wet
Analysis number: 67320

Last save: 6/10/2019 4:05:28 PM

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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