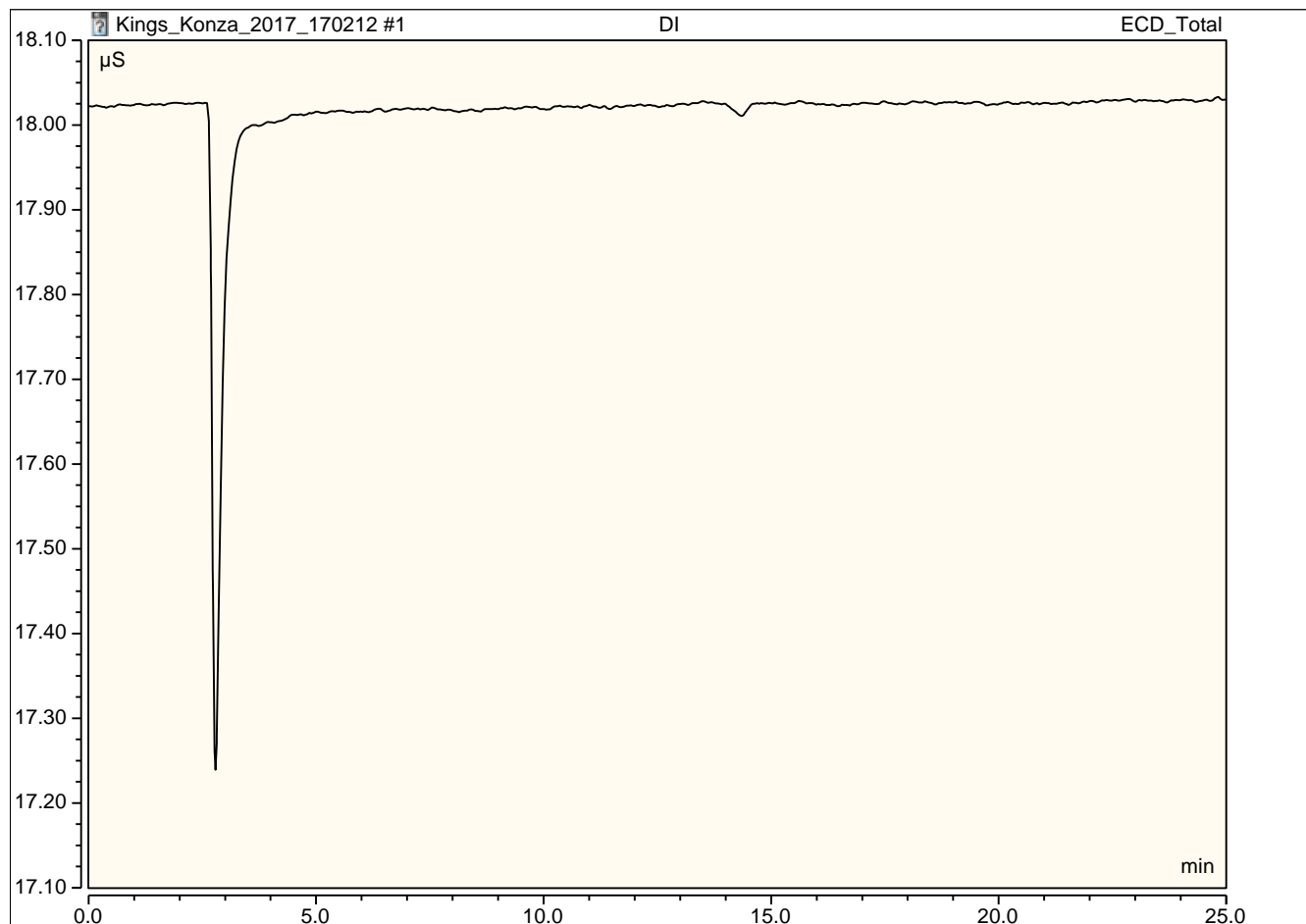


## Peak Integration Report

Sample Name:	DI	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 14:40	Run Time:	25.00

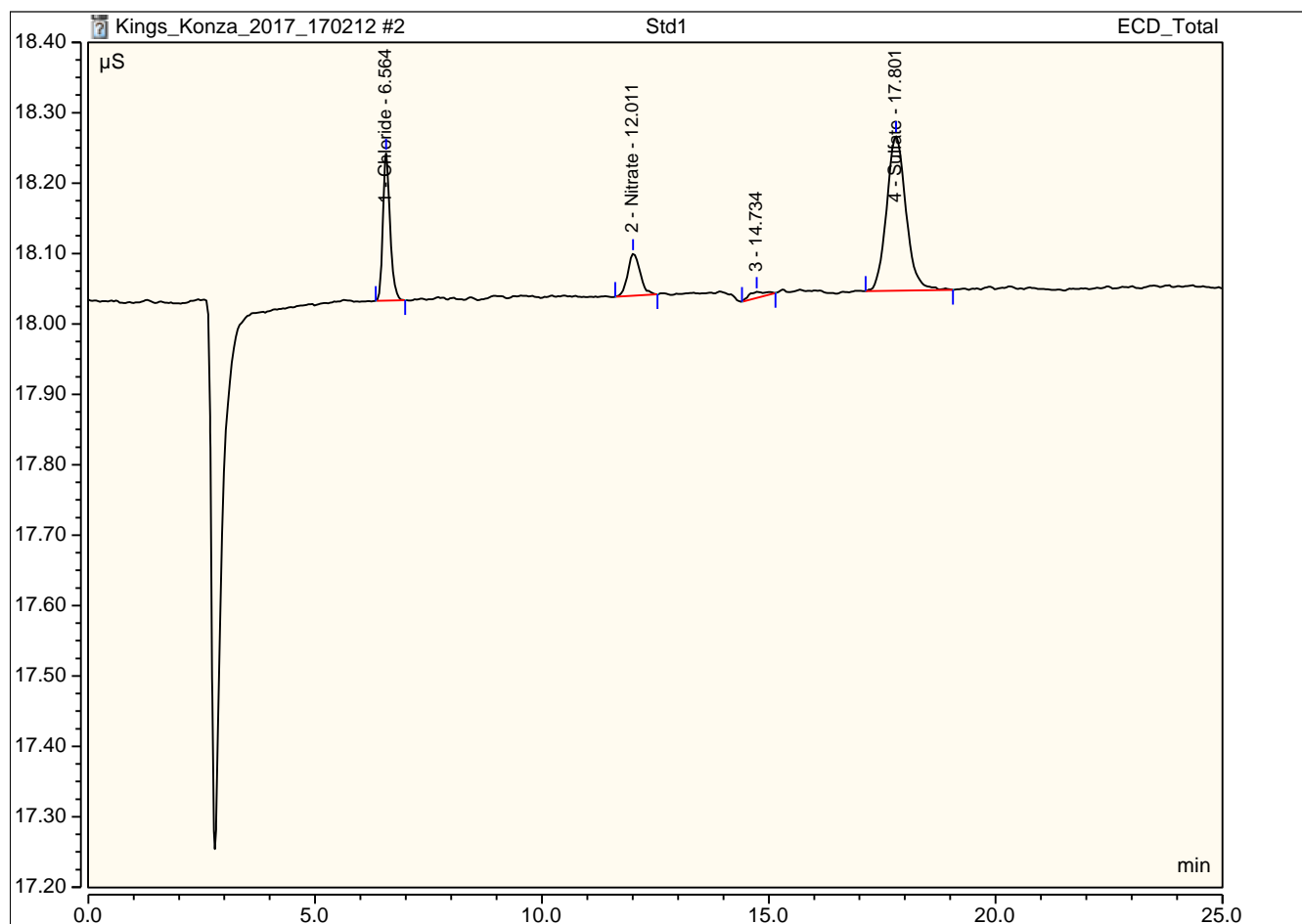
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount n.a.
TOTAL:				0.00	0.00	0.00



## Peak Integration Report

Sample Name:	Std1	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 15:07	Run Time:	25.00

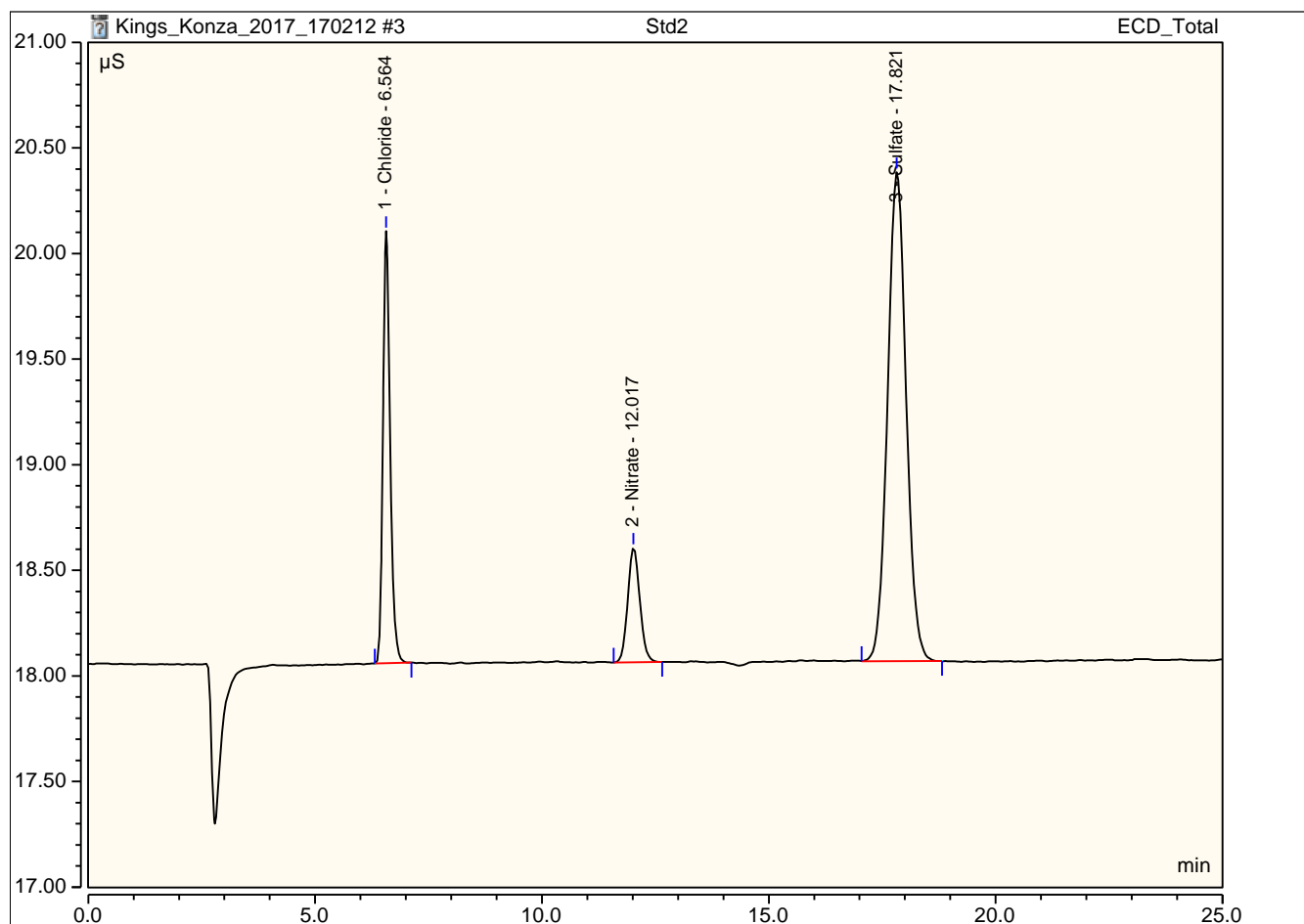
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
1	6.56	Chloride	M	0.038	0.209	n.a.
2	12.01	Nitrate	M	0.019	0.059	n.a.
4	17.80	Sulfate	M	0.108	0.220	n.a.
TOTAL:				0.17	0.49	0.00



## Peak Integration Report

Sample Name:	Std2	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 15:34	Run Time:	25.00

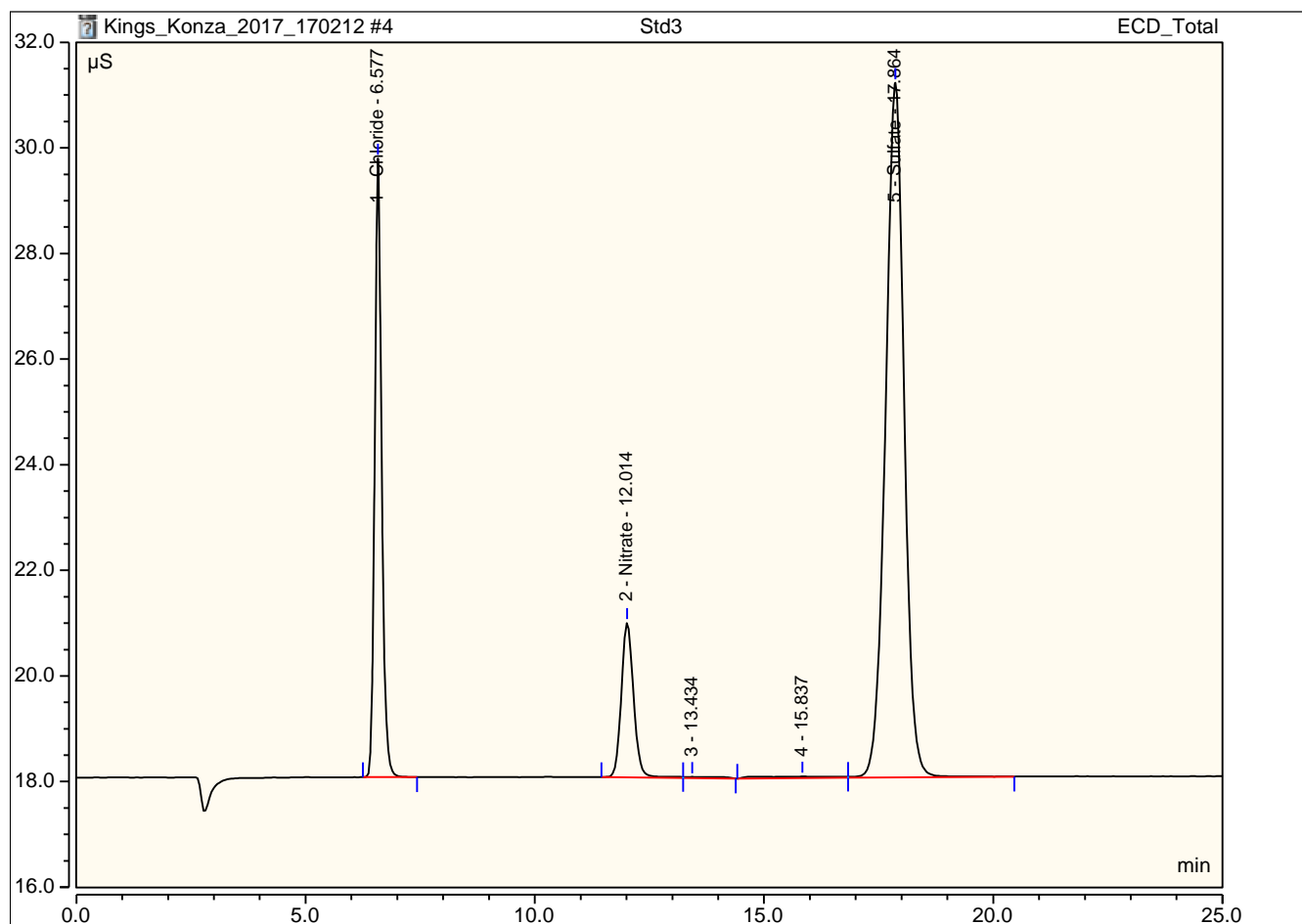
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
1	6.56	Chloride	M	0.374	2.046	n.a.
2	12.02	Nitrate	M	0.167	0.542	n.a.
3	17.82	Sulfate	M	1.101	2.314	n.a.
TOTAL:				1.64	4.90	0.00



## Peak Integration Report

Sample Name:	Std3	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 16:00	Run Time:	25.00

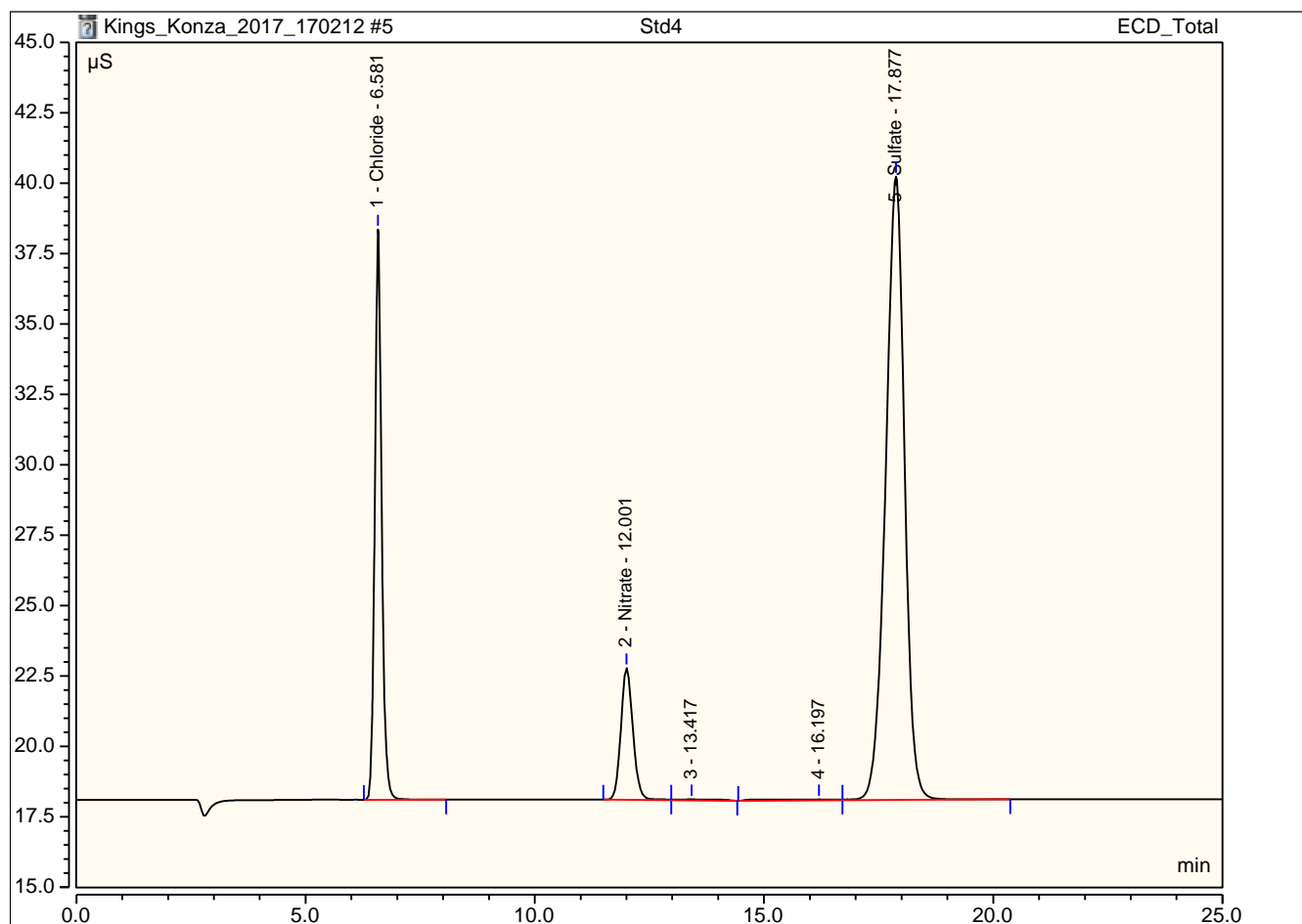
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
1	6.58	Chloride	M	2.052	11.715	n.a.
2	12.01	Nitrate	M	0.913	2.928	n.a.
5	17.86	Sulfate	M	6.200	13.154	n.a.
TOTAL:				9.16	27.80	0.00



## Peak Integration Report

Sample Name:	Std4	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 16:27	Run Time:	25.00

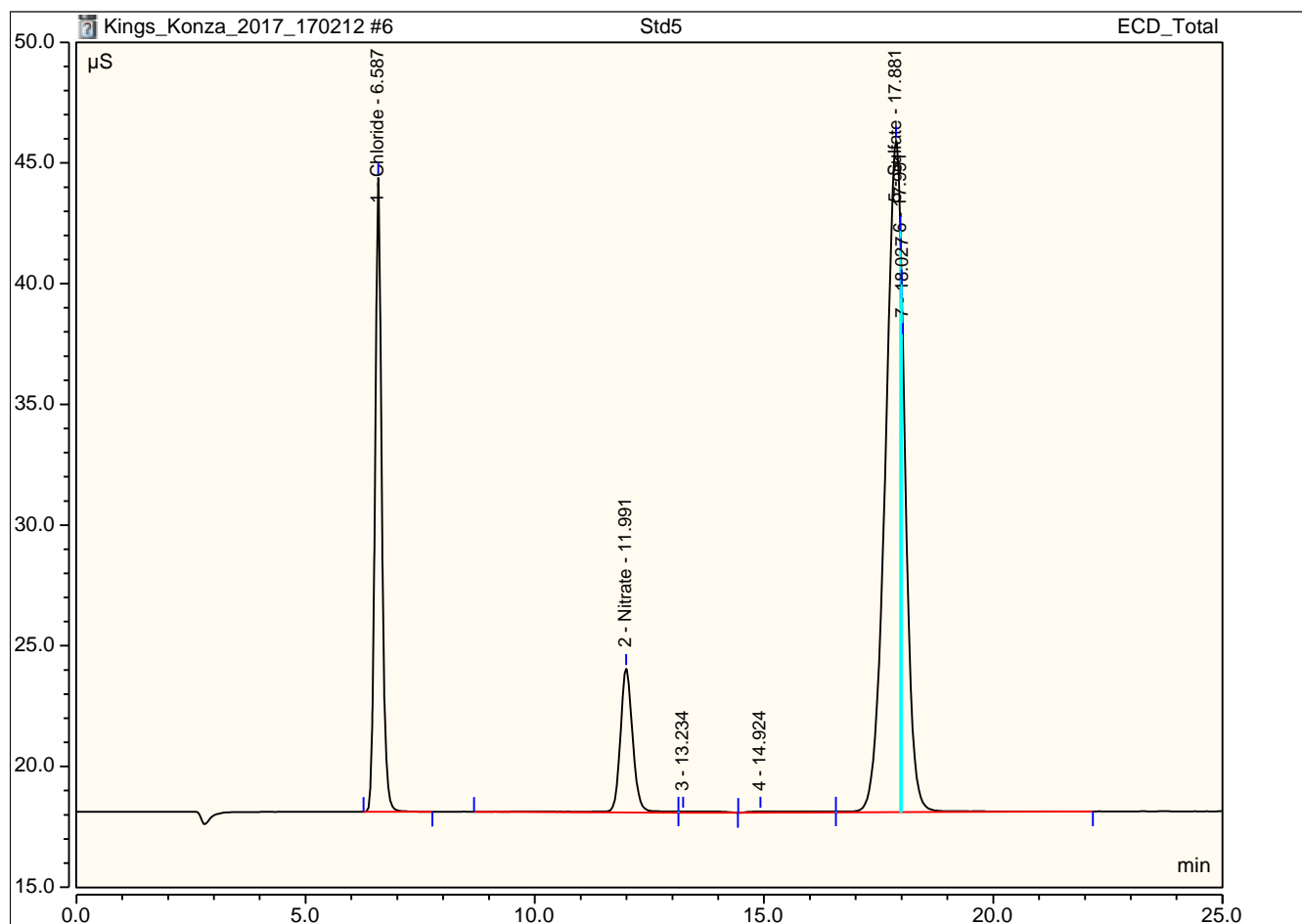
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
1	6.58	Chloride	M	3.486	20.253	n.a.
2	12.00	Nitrate	M	1.434	4.676	n.a.
5	17.88	Sulfate	M	10.606	22.135	n.a.
TOTAL:				15.53	47.06	0.00



## Peak Integration Report

Sample Name:	Std5	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 16:54	Run Time:	25.00

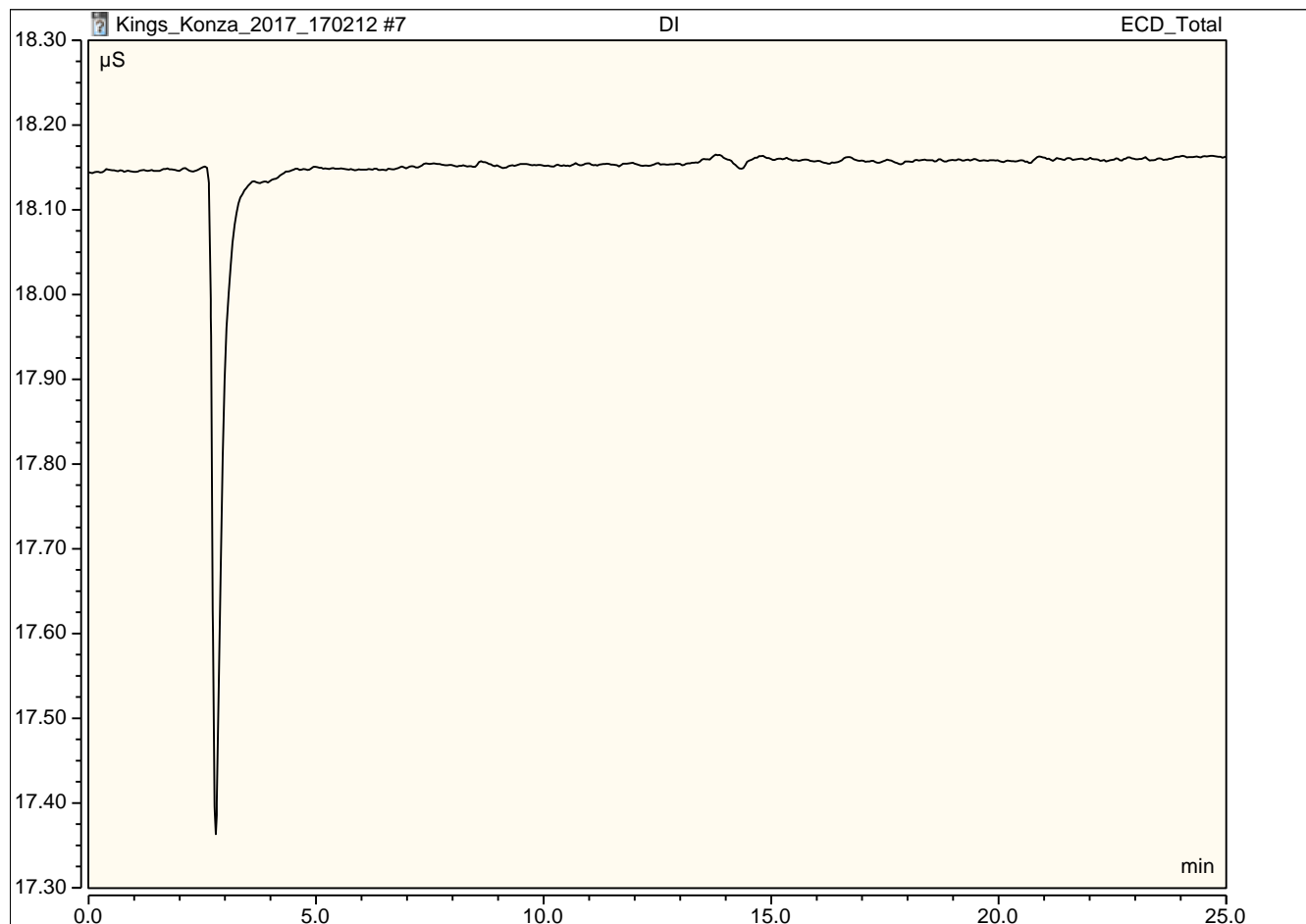
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
1	6.59	Chloride	M	4.475	26.262	n.a.
2	11.99	Nitrate	M	1.894	5.952	n.a.
5	17.88	Sulfate	M	9.945	27.792	n.a.
TOTAL:				16.31	60.01	0.00



## Peak Integration Report

Sample Name:	DI	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 17:21	Run Time:	25.00

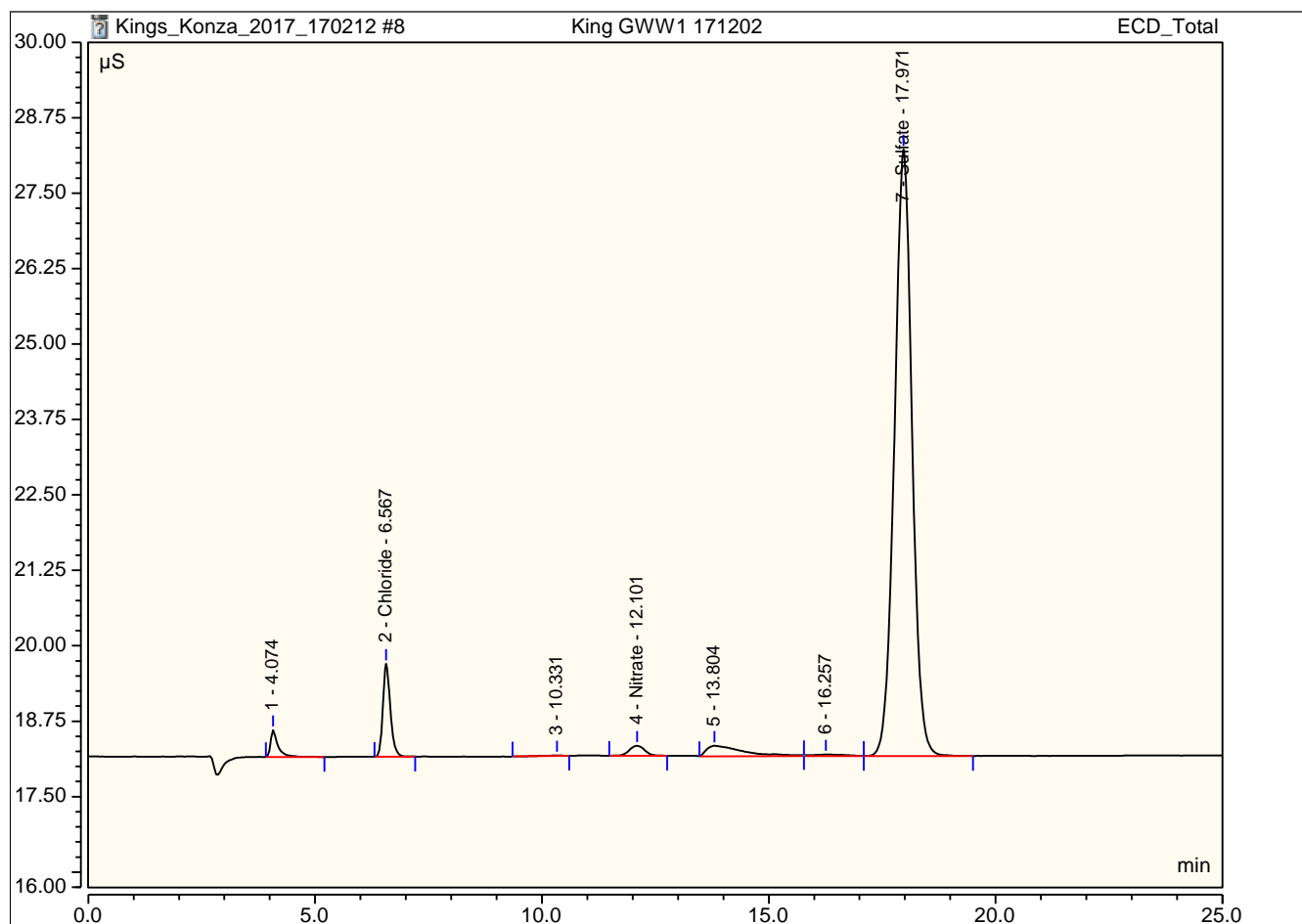
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount n.a.
TOTAL:				0.00	0.00	0.00



## Peak Integration Report

Sample Name:	King GWW1 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 17:48	Run Time:	25.00

No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.57	Chloride	M	0.294	1.536	n.a.
4	12.10	Nitrate	M	0.065	0.164	n.a.
7	17.97	Sulfate	M	4.515	10.050	n.a.
TOTAL:				4.87	11.75	0.00

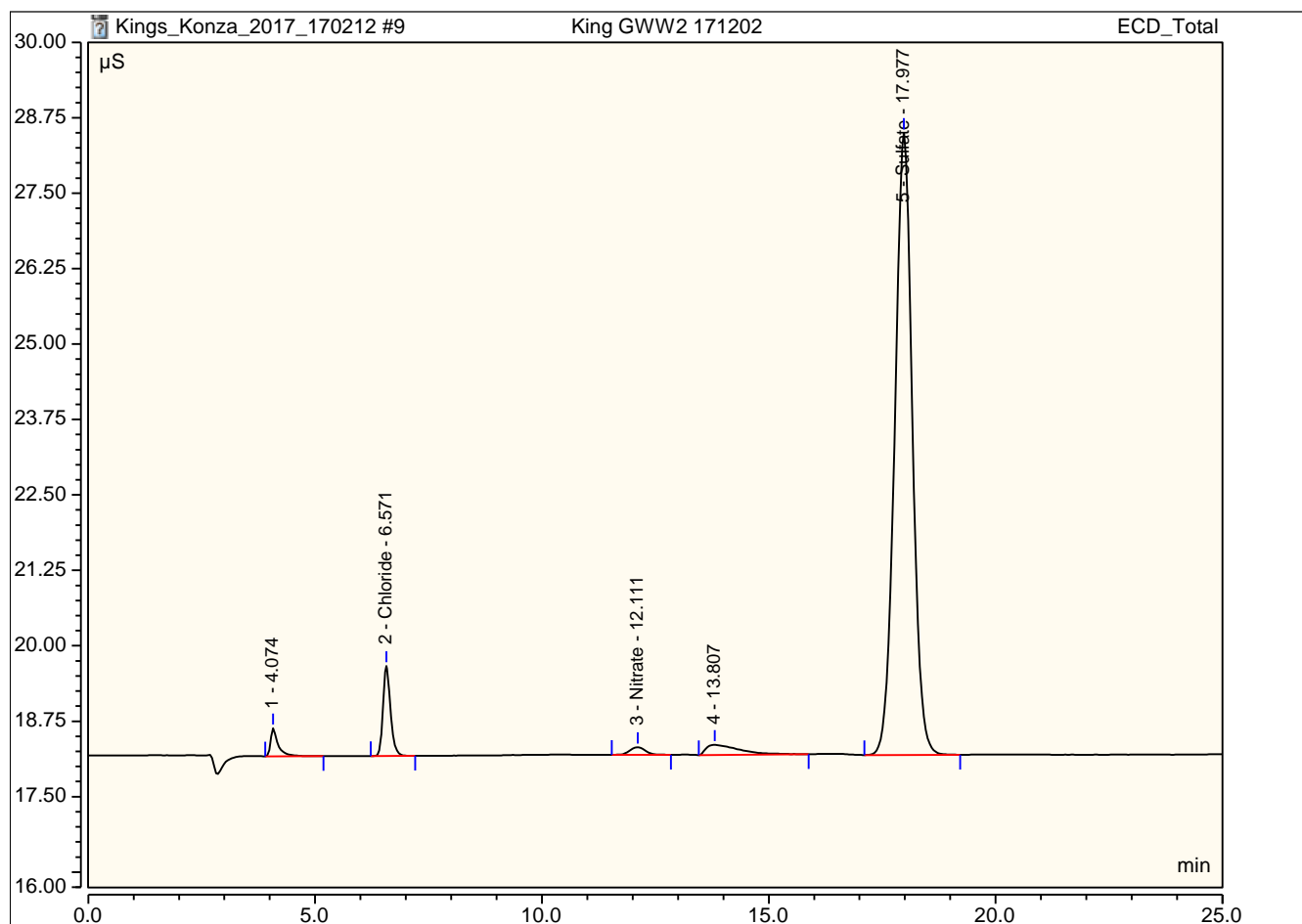




## Peak Integration Report

Sample Name:	King GWW2 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 18:14	Run Time:	25.00

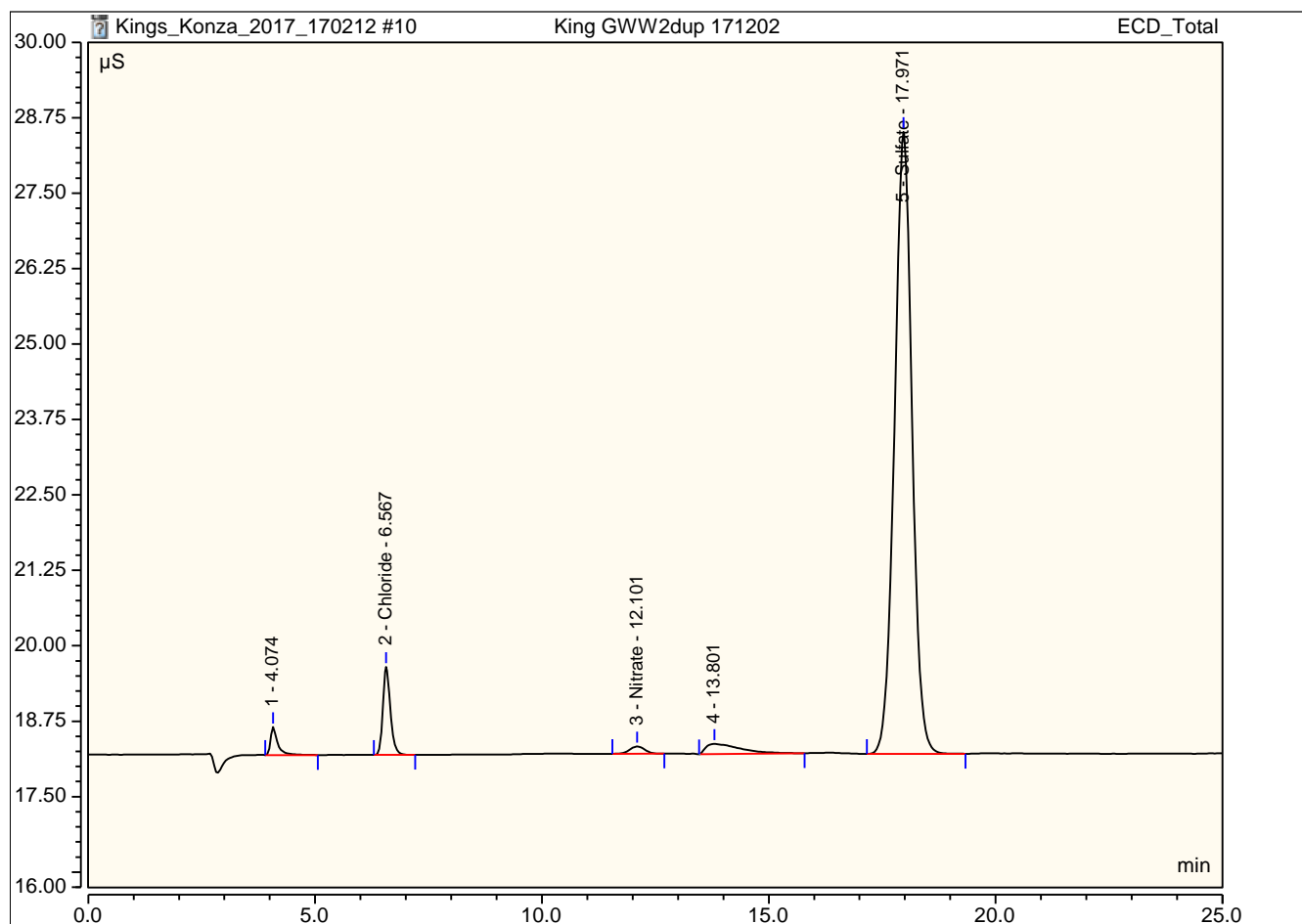
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.57	Chloride	M	0.287	1.491	n.a.
3	12.11	Nitrate	M	0.051	0.127	n.a.
5	17.98	Sulfate	M	4.620	10.306	n.a.
TOTAL:				4.96	11.92	0.00



## Peak Integration Report

Sample Name:	King GWW2dup 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 18:41	Run Time:	25.00

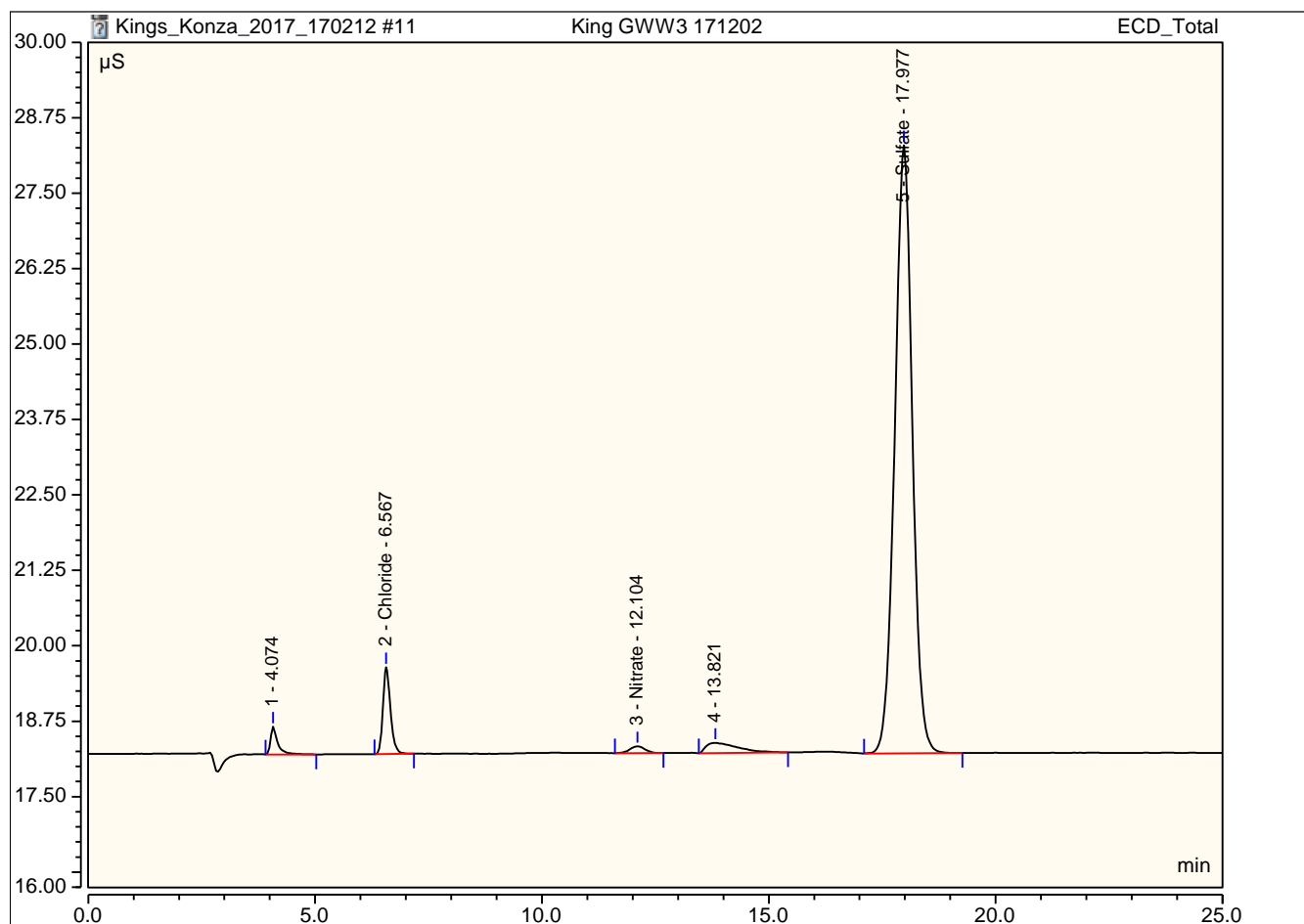
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.57	Chloride	M	0.280	1.456	n.a.
3	12.10	Nitrate	M	0.046	0.121	n.a.
5	17.97	Sulfate	M	4.617	10.309	n.a.
TOTAL:				4.94	11.89	0.00



## Peak Integration Report

Sample Name:	King GWW3 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 19:08	Run Time:	25.00

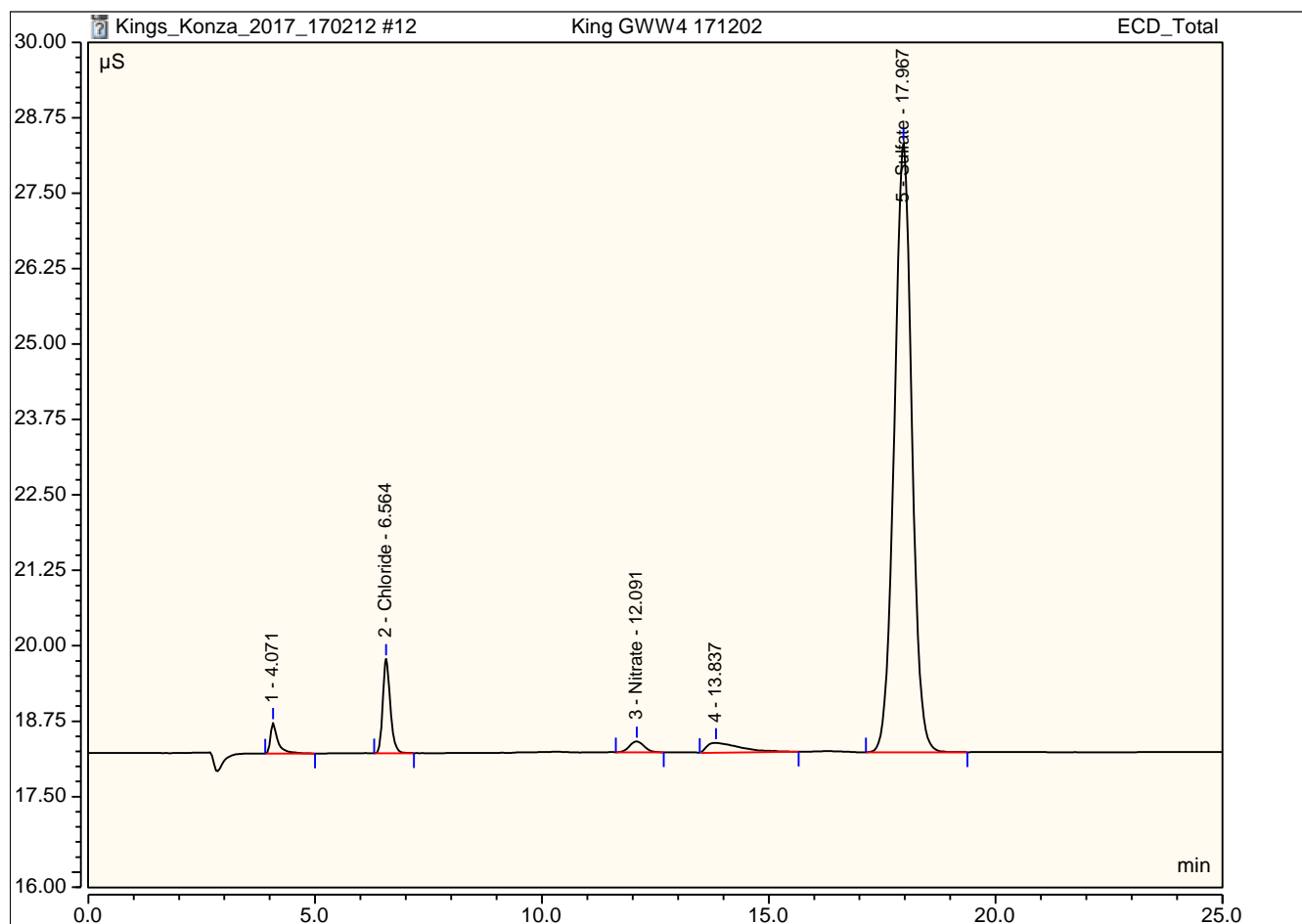
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.57	Chloride	M	0.277	1.435	n.a.
3	12.10	Nitrate	M	0.043	0.110	n.a.
5	17.98	Sulfate	M	4.518	10.071	n.a.
TOTAL:				4.84	11.62	0.00



## Peak Integration Report

Sample Name:	King GWW4 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 19:35	Run Time:	25.00

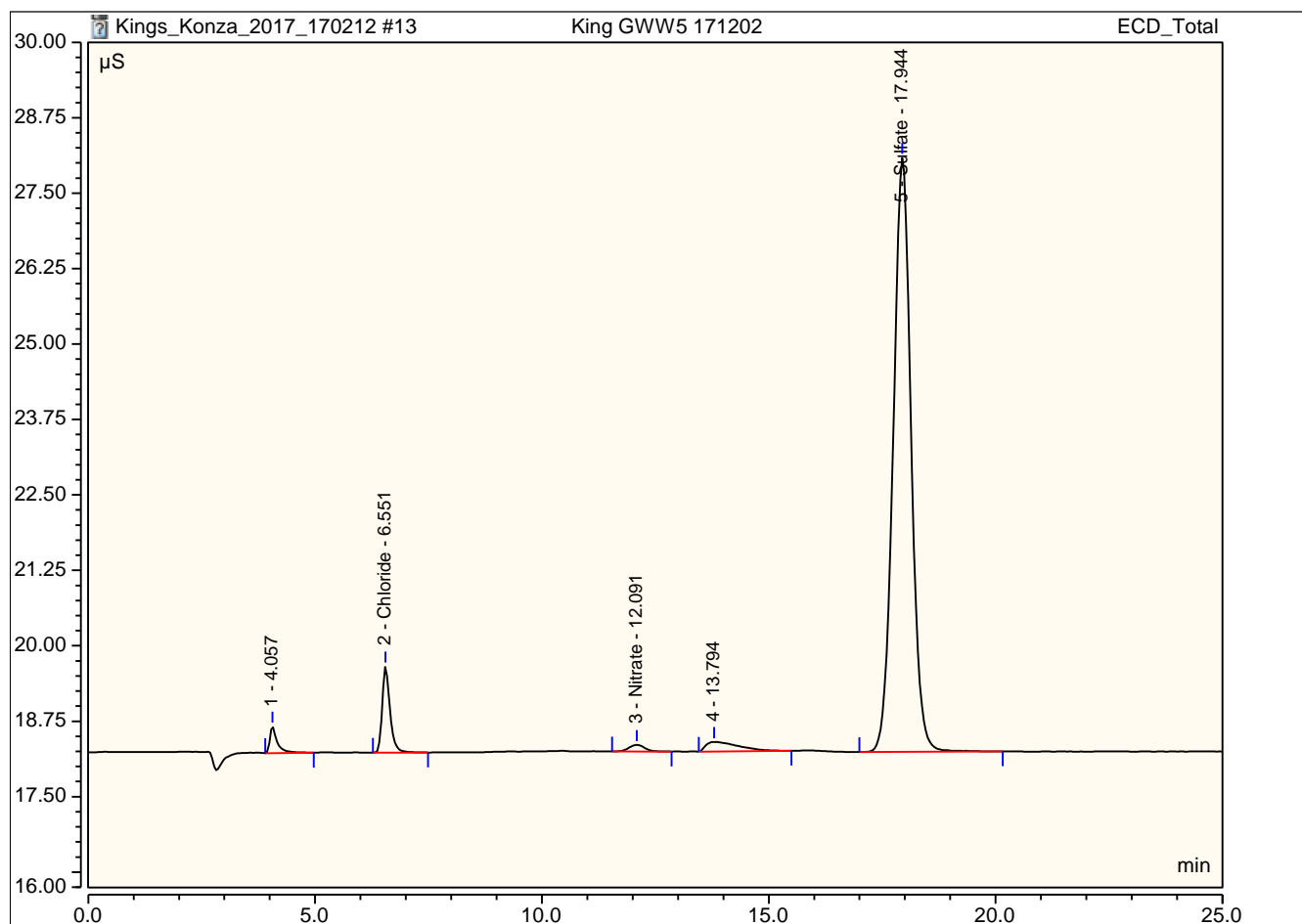
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.56	Chloride	M	0.301	1.563	n.a.
3	12.09	Nitrate	M	0.068	0.180	n.a.
5	17.97	Sulfate	M	4.531	10.093	n.a.
TOTAL:				4.90	11.84	0.00



## Peak Integration Report

Sample Name:	King GWW5 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 20:01	Run Time:	25.00

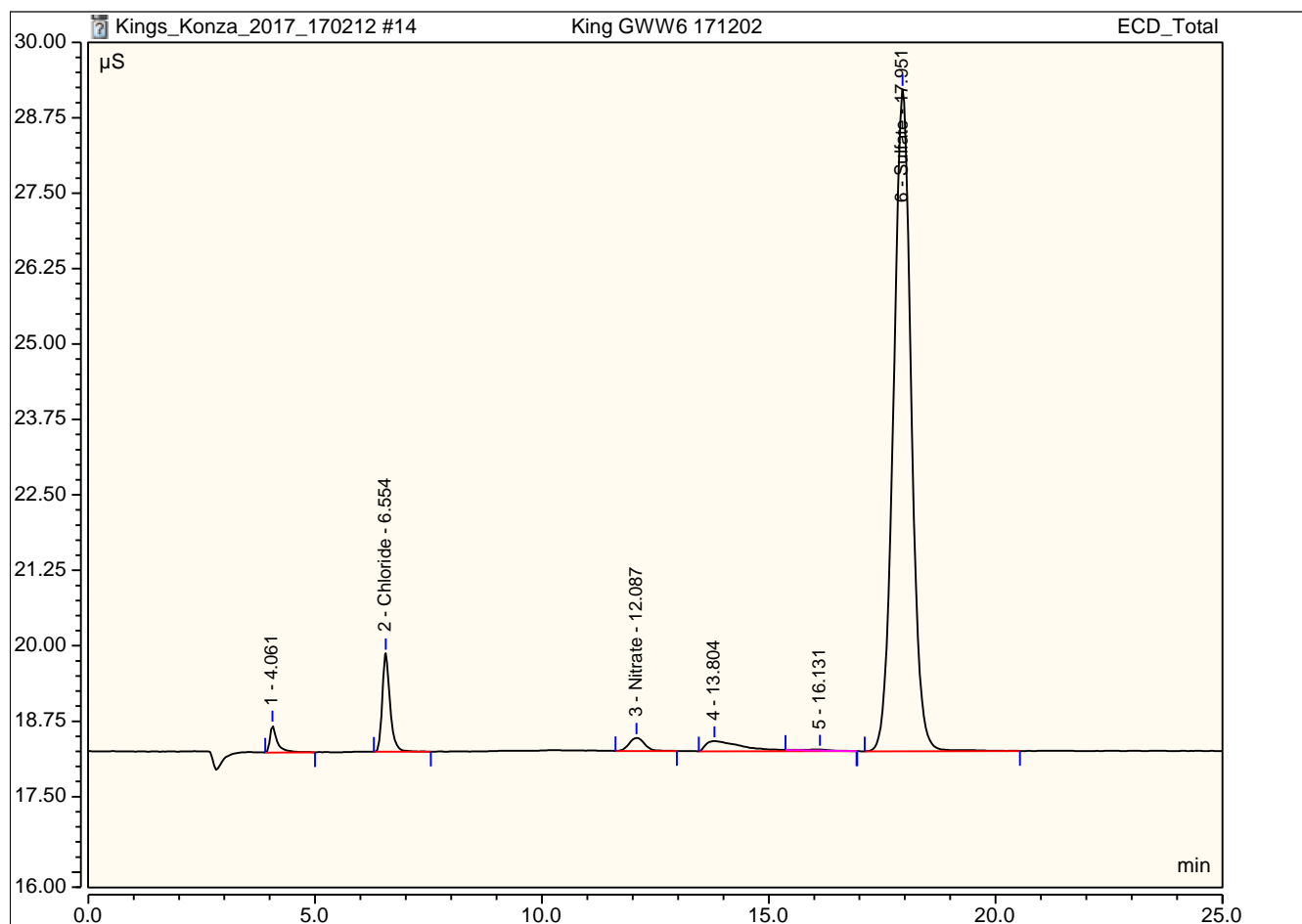
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.288	1.430	n.a.
3	12.09	Nitrate	M	0.045	0.110	n.a.
5	17.94	Sulfate	M	4.493	9.849	n.a.
TOTAL:				4.83	11.39	0.00



## Peak Integration Report

Sample Name:	King GWW6 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 20:28	Run Time:	25.00

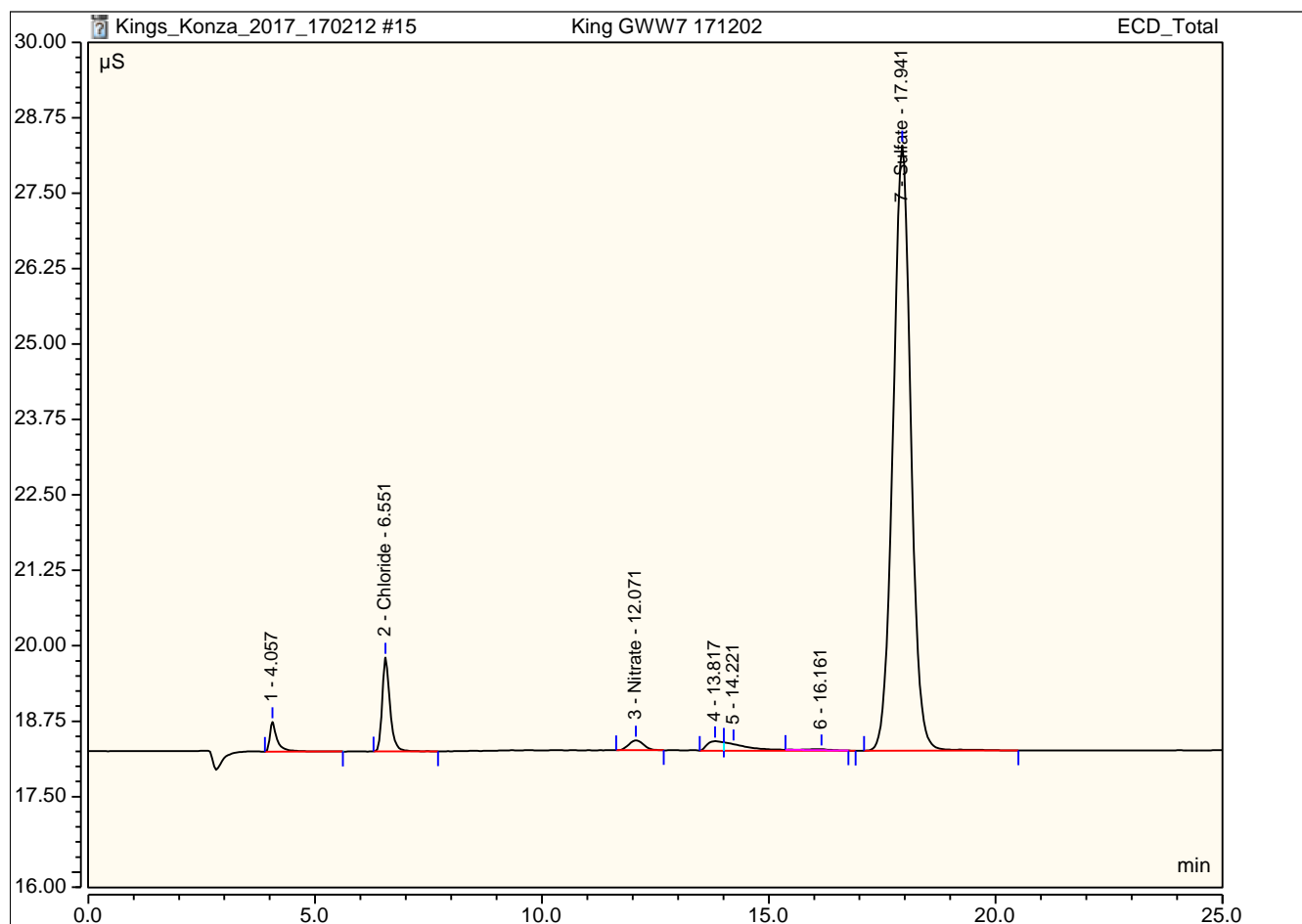
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.325	1.632	n.a.
3	12.09	Nitrate	M	0.086	0.219	n.a.
6	17.95	Sulfate	M	4.980	10.966	n.a.
TOTAL:				5.39	12.82	0.00



## Peak Integration Report

Sample Name:	King GWW7 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 20:55	Run Time:	25.00

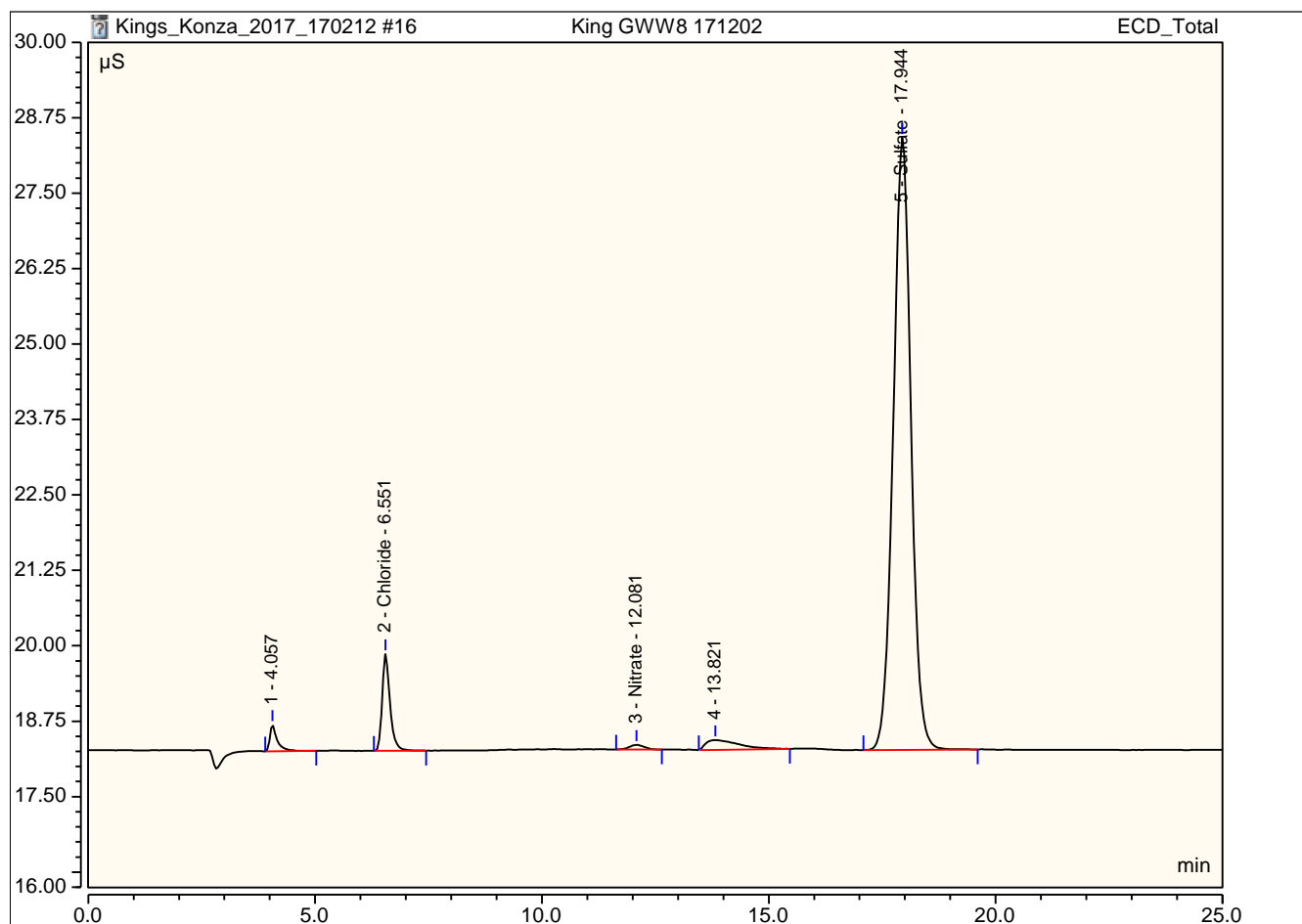
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.312	1.555	n.a.
3	12.07	Nitrate	M	0.062	0.163	n.a.
7	17.94	Sulfate	M	4.570	10.030	n.a.
TOTAL:				4.94	11.75	0.00



## Peak Integration Report

Sample Name:	King GWW8 171202	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 21:22	Run Time:	25.00

No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.323	1.602	n.a.
3	12.08	Nitrate	M	0.029	0.077	n.a.
5	17.94	Sulfate	M	4.596	10.144	n.a.
TOTAL:				4.95	11.82	0.00

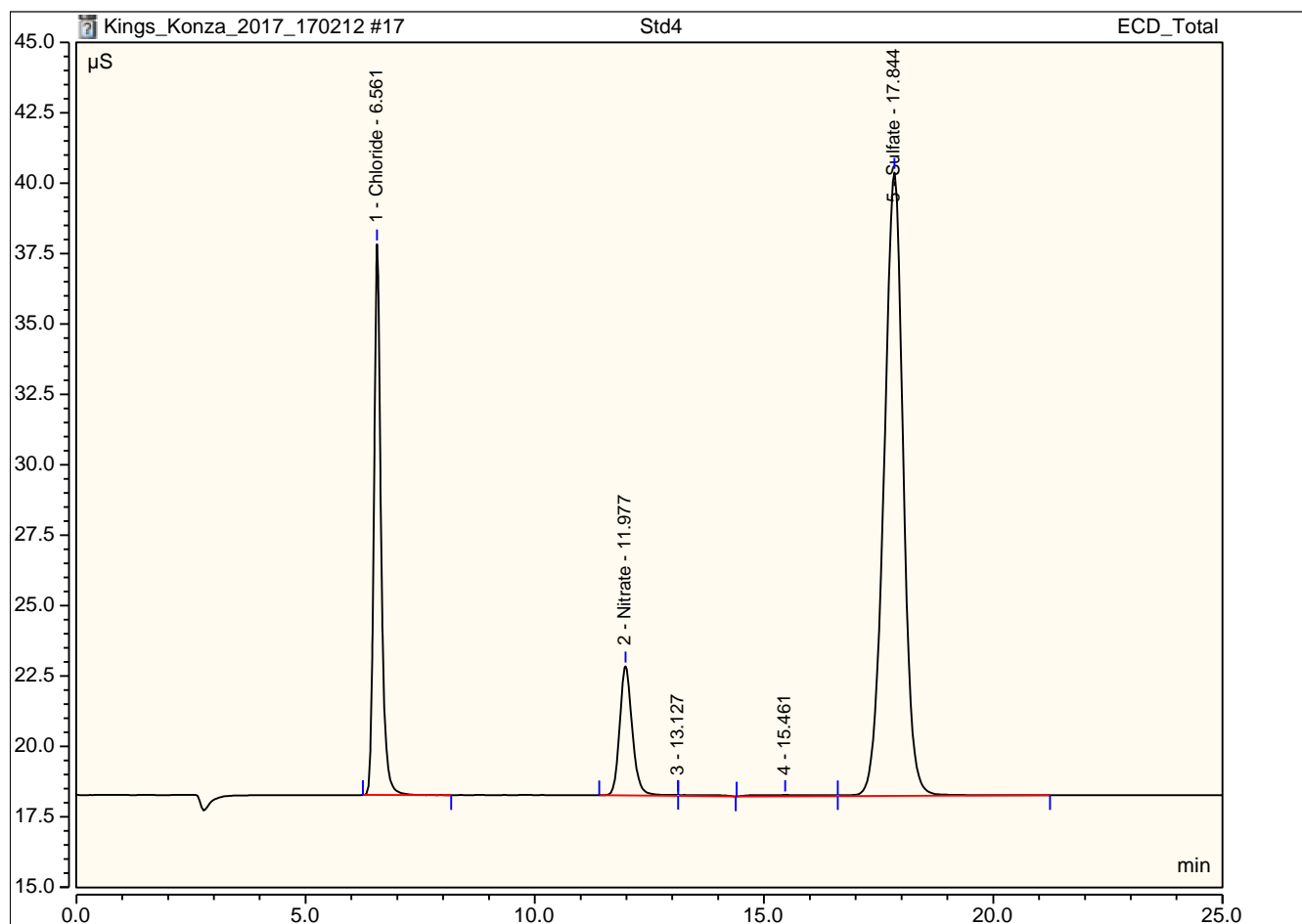




## Peak Integration Report

Sample Name:	Std4	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 21:48	Run Time:	25.00

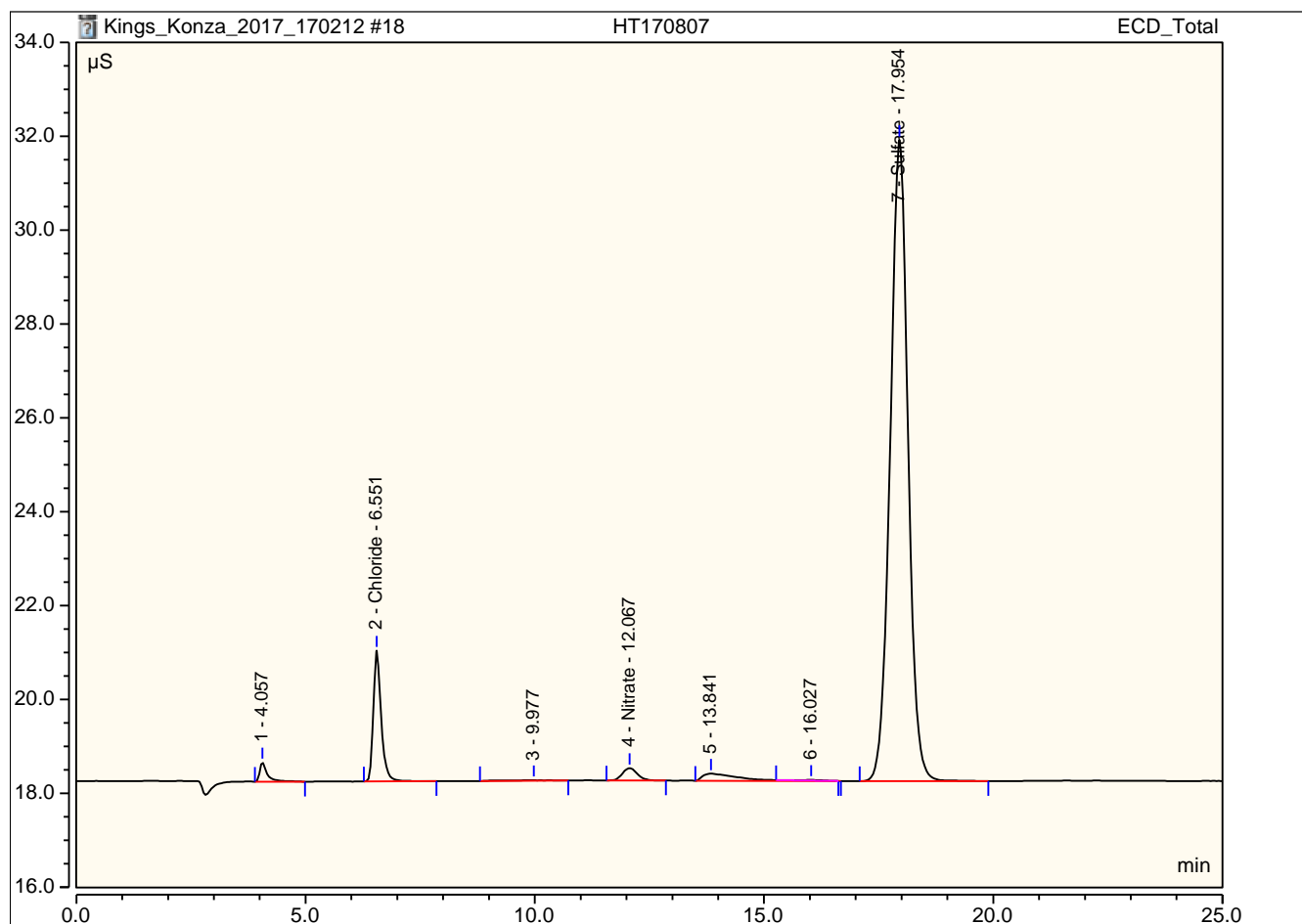
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
1	6.56	Chloride	M	3.521	19.557	n.a.
2	11.98	Nitrate	M	1.470	4.585	n.a.
5	17.84	Sulfate	M	10.809	22.134	n.a.
TOTAL:				15.80	46.28	0.00



## Peak Integration Report

Sample Name:	HT170807	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 22:15	Run Time:	25.00

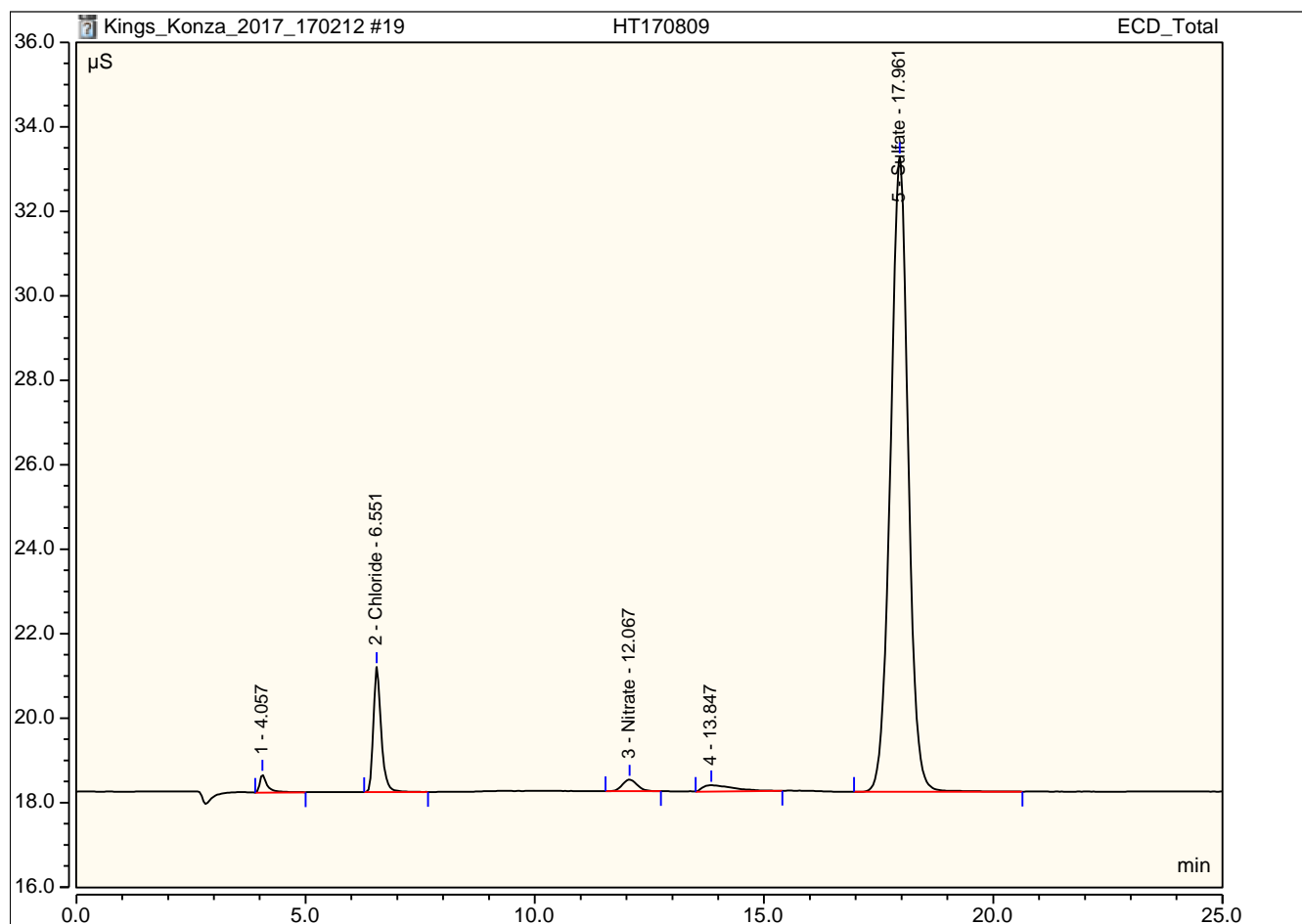
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.557	2.789	n.a.
4	12.07	Nitrate	M	0.101	0.264	n.a.
7	17.95	Sulfate	M	6.150	13.657	n.a.
TOTAL:				6.81	16.71	0.00



## Peak Integration Report

Sample Name:	HT170809	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 22:42	Run Time:	25.00

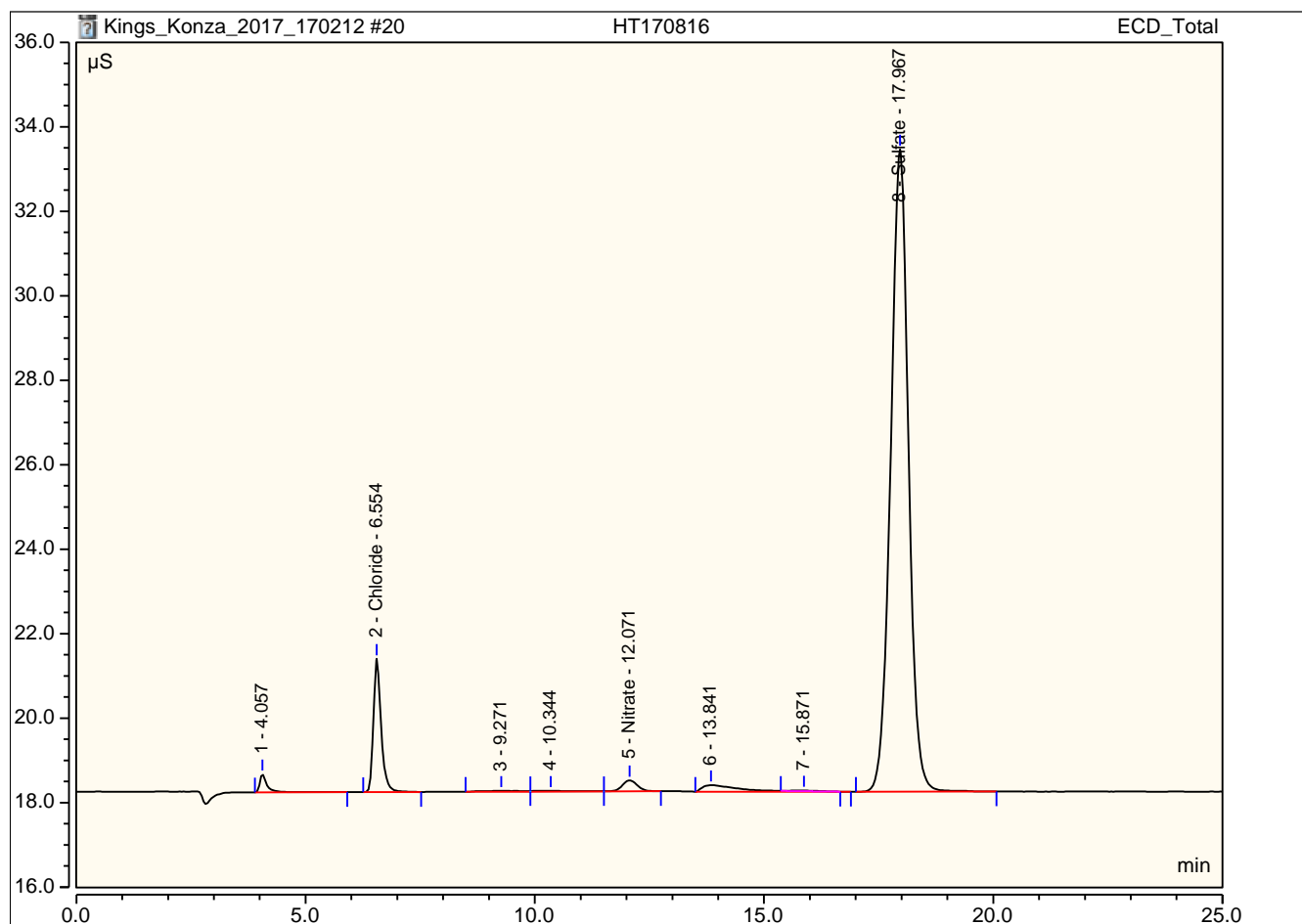
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.586	2.960	n.a.
3	12.07	Nitrate	M	0.102	0.274	n.a.
5	17.96	Sulfate	M	6.764	15.027	n.a.
TOTAL:				7.45	18.26	0.00



## Peak Integration Report

Sample Name:	HT170816	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 23:09	Run Time:	25.00

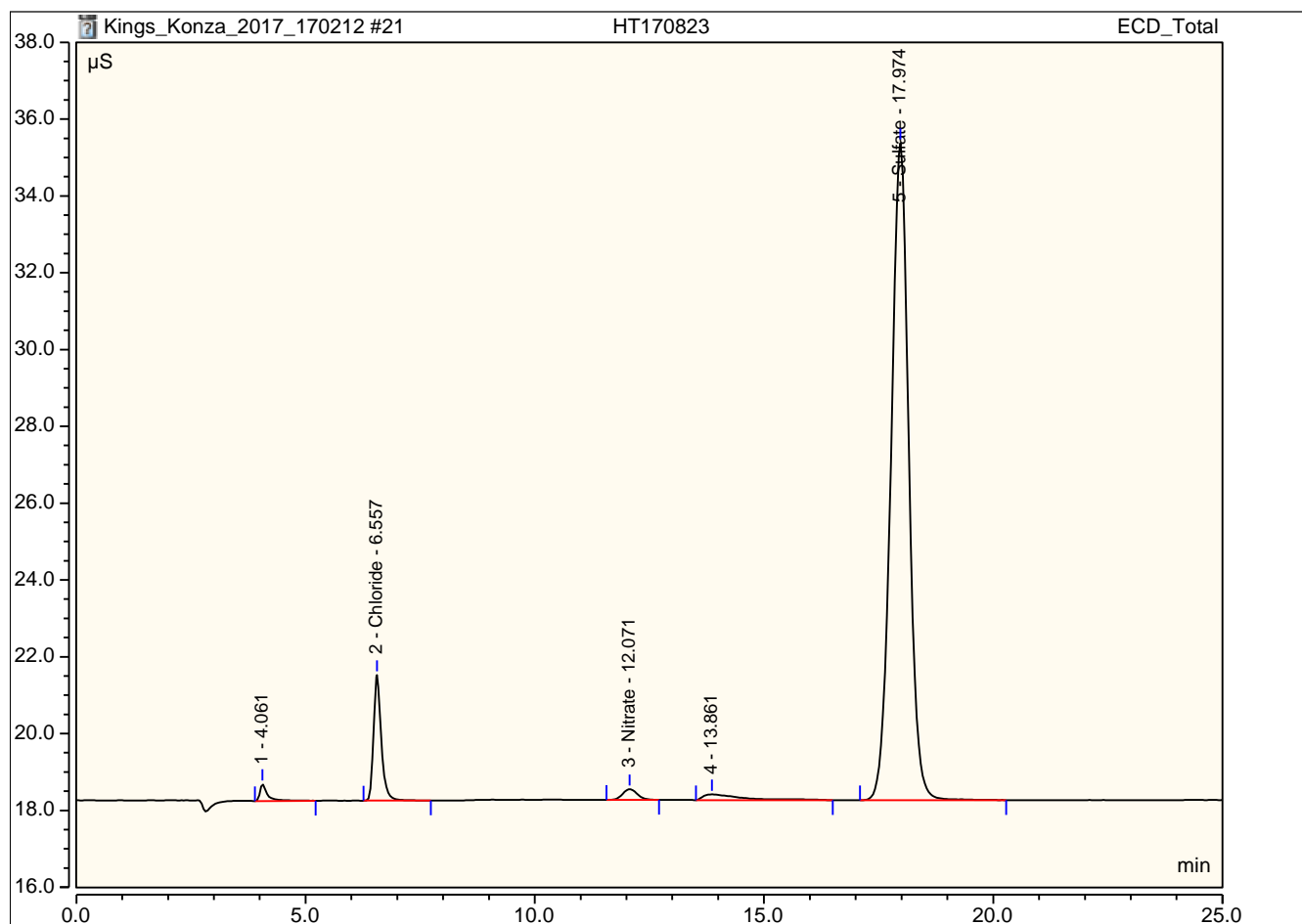
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.618	3.153	n.a.
5	12.07	Nitrate	M	0.099	0.261	n.a.
8	17.97	Sulfate	M	6.833	15.205	n.a.
TOTAL:				7.55	18.62	0.00



## Peak Integration Report

Sample Name:	HT170823	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	02-Dec-2017 / 23:35	Run Time:	25.00

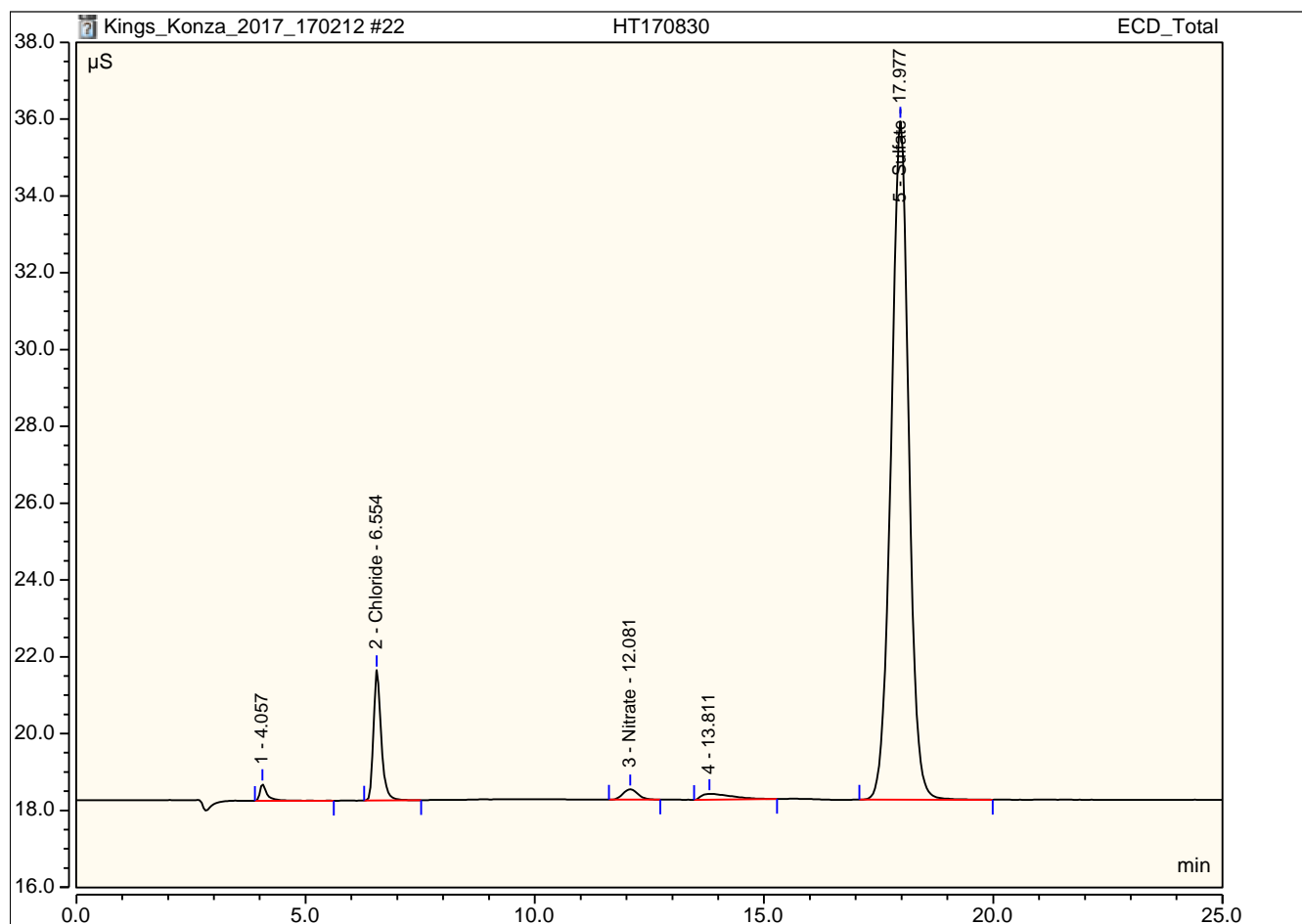
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.56	Chloride	M	0.639	3.273	n.a.
3	12.07	Nitrate	M	0.104	0.280	n.a.
5	17.97	Sulfate	M	7.674	17.111	n.a.
TOTAL:				8.42	20.66	0.00



## Peak Integration Report

Sample Name:	HT170830	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 00:02	Run Time:	25.00

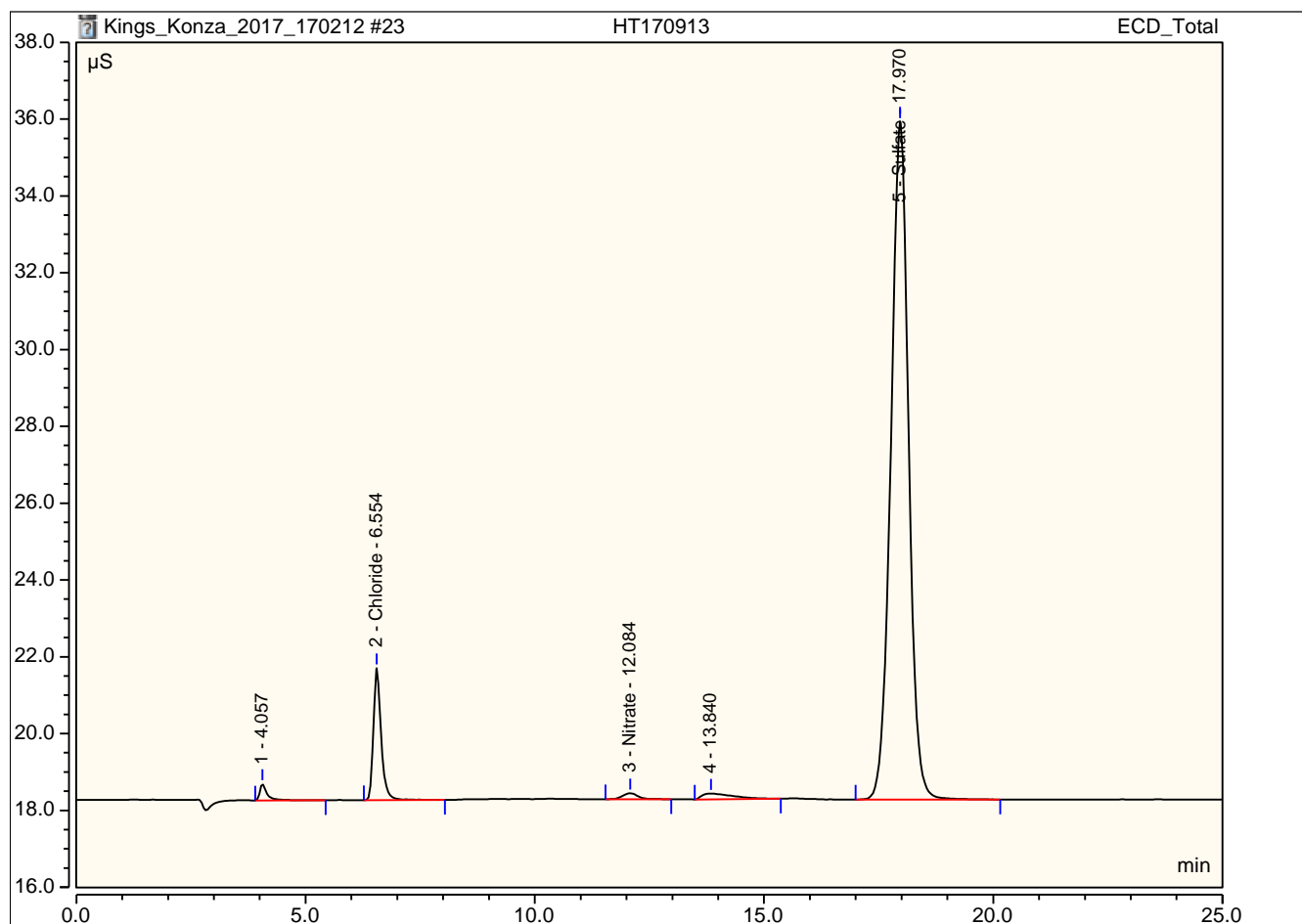
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.663	3.395	n.a.
3	12.08	Nitrate	M	0.102	0.268	n.a.
5	17.98	Sulfate	M	7.895	17.662	n.a.
TOTAL:				8.66	21.32	0.00



## Peak Integration Report

Sample Name:	HT170913	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 00:29	Run Time:	25.00

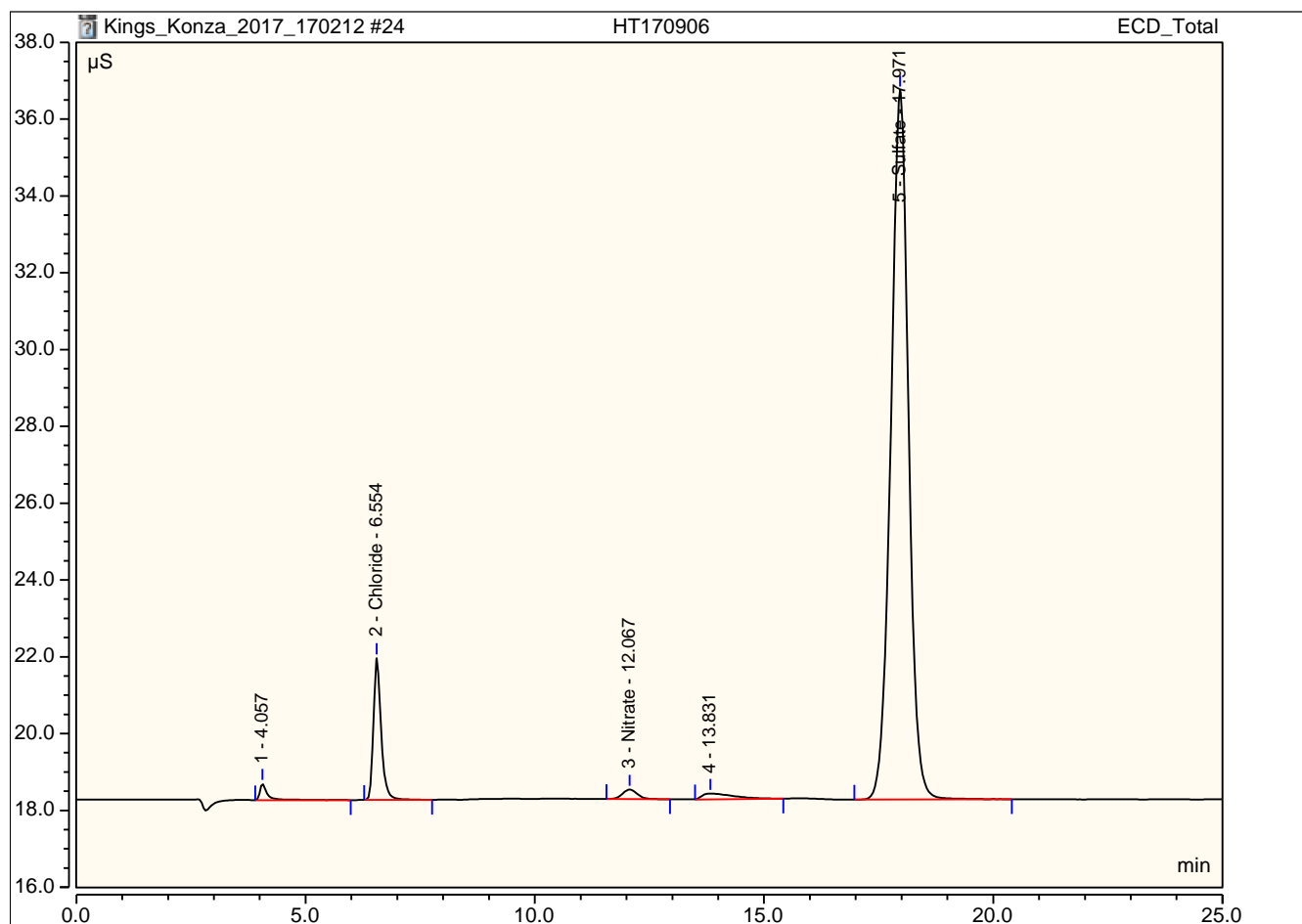
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.672	3.433	n.a.
3	12.08	Nitrate	M	0.060	0.155	n.a.
5	17.97	Sulfate	M	7.899	17.650	n.a.
TOTAL:				8.63	21.24	0.00



## Peak Integration Report

Sample Name:	HT170906	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 00:56	Run Time:	25.00

No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.723	3.697	n.a.
3	12.07	Nitrate	M	0.095	0.249	n.a.
5	17.97	Sulfate	M	8.259	18.472	n.a.
TOTAL:				9.08	22.42	0.00

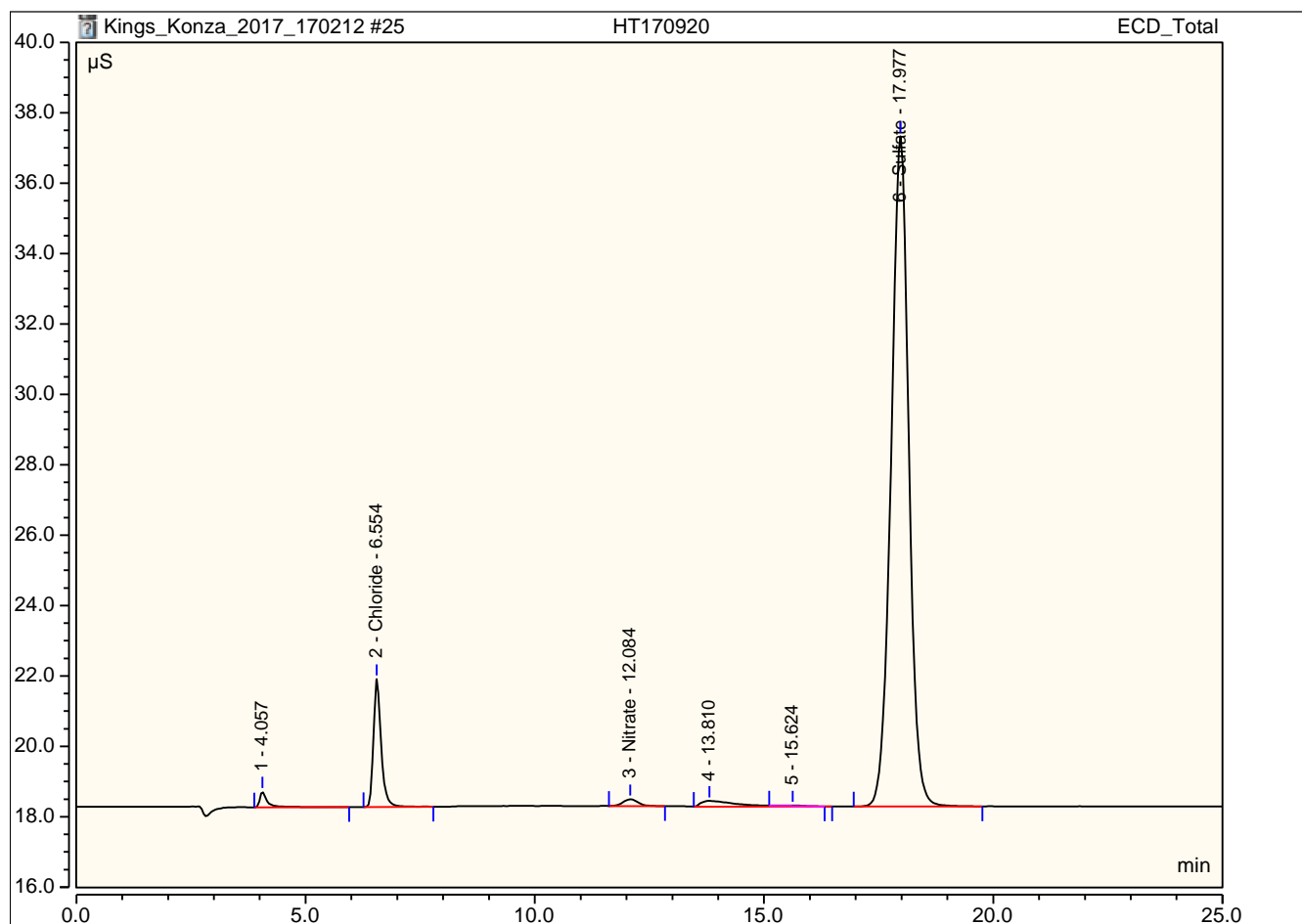




## Peak Integration Report

Sample Name:	HT170920	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 01:22	Run Time:	25.00

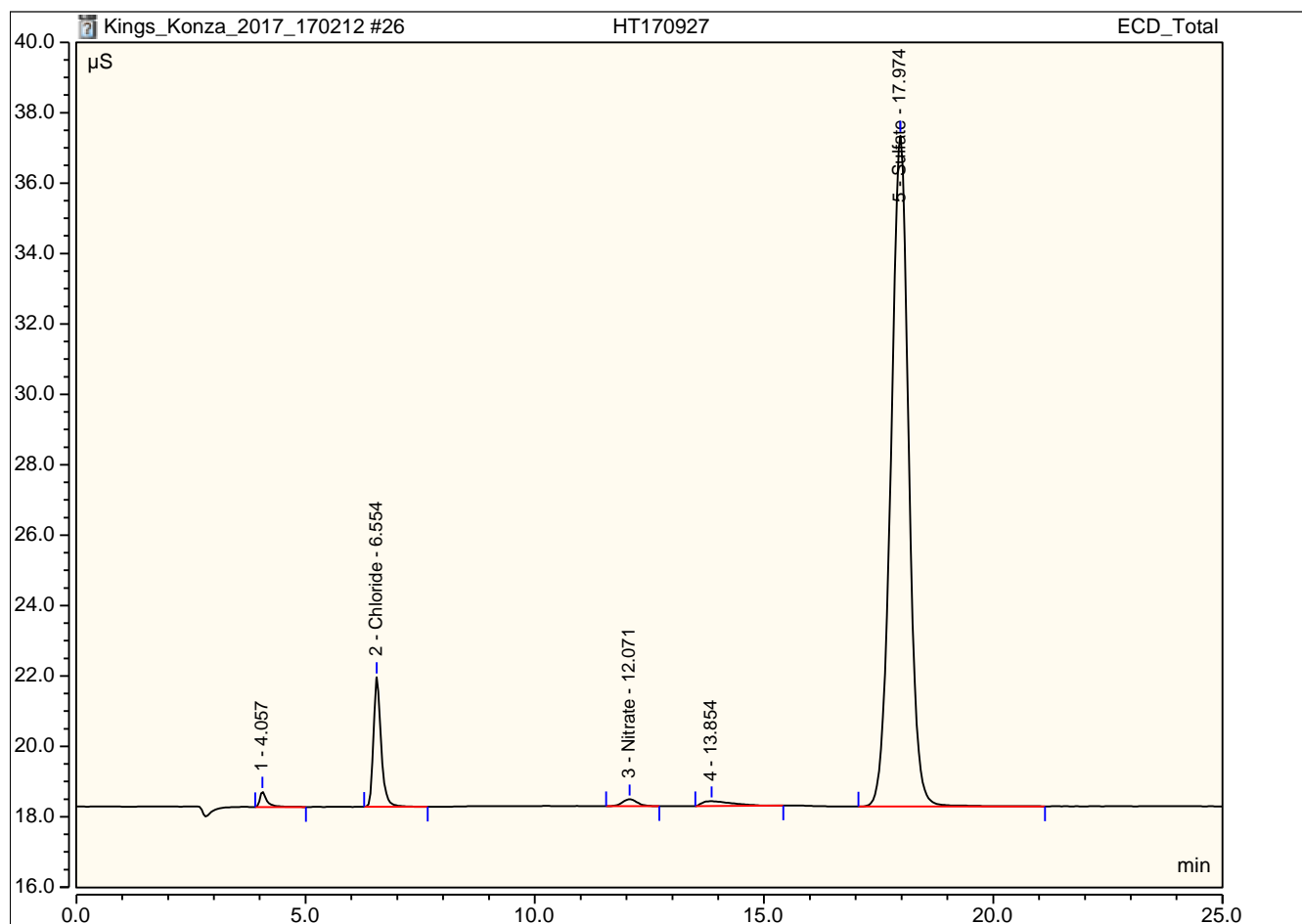
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.707	3.631	n.a.
3	12.08	Nitrate	M	0.075	0.194	n.a.
6	17.98	Sulfate	M	8.508	19.037	n.a.
TOTAL:				9.29	22.86	0.00



## Peak Integration Report

Sample Name:	HT170927	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 01:49	Run Time:	25.00

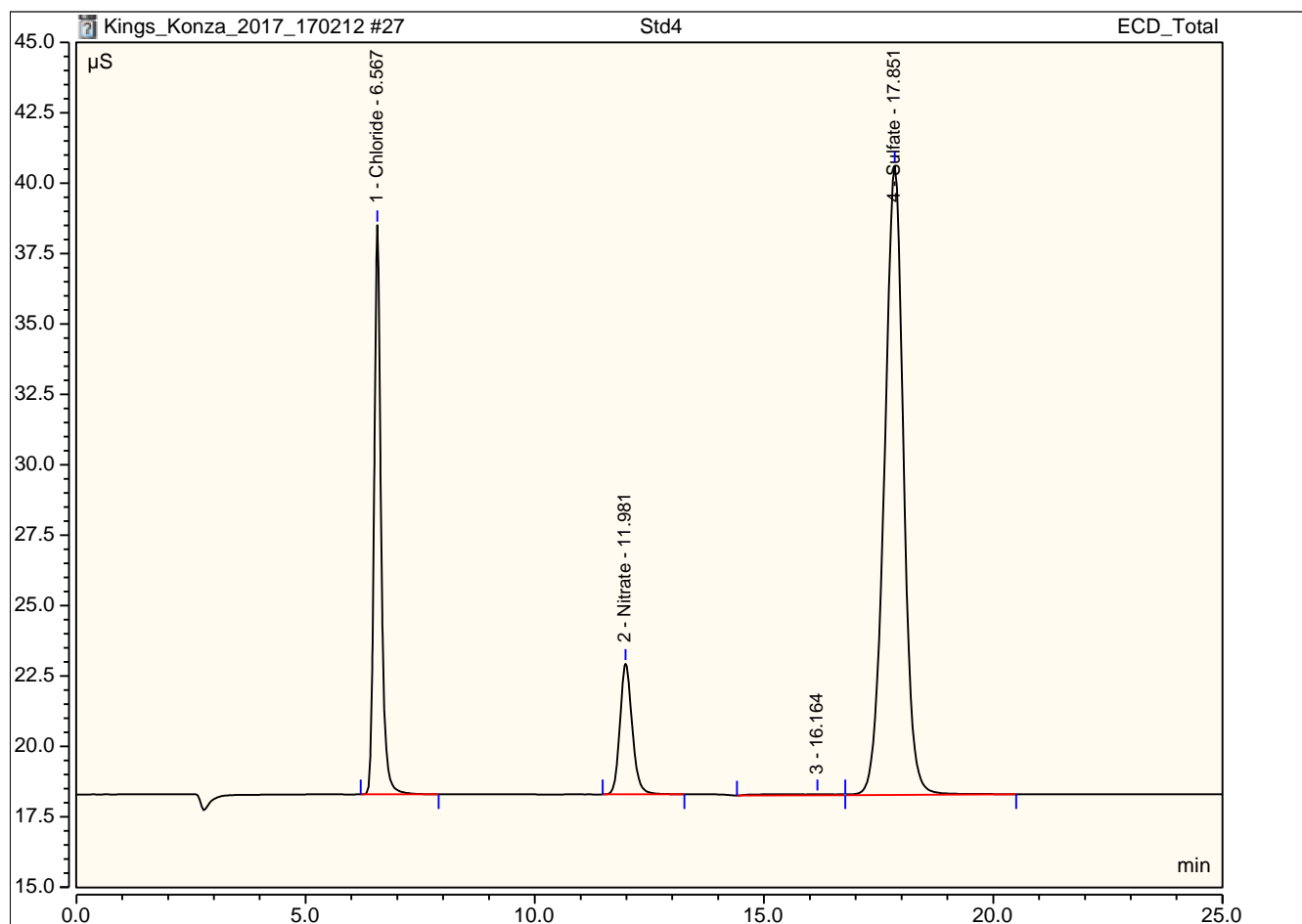
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.714	3.686	n.a.
3	12.07	Nitrate	M	0.074	0.195	n.a.
5	17.97	Sulfate	M	8.546	19.061	n.a.
TOTAL:				9.33	22.94	0.00



## Peak Integration Report

Sample Name:	Std4	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 02:16	Run Time:	25.00

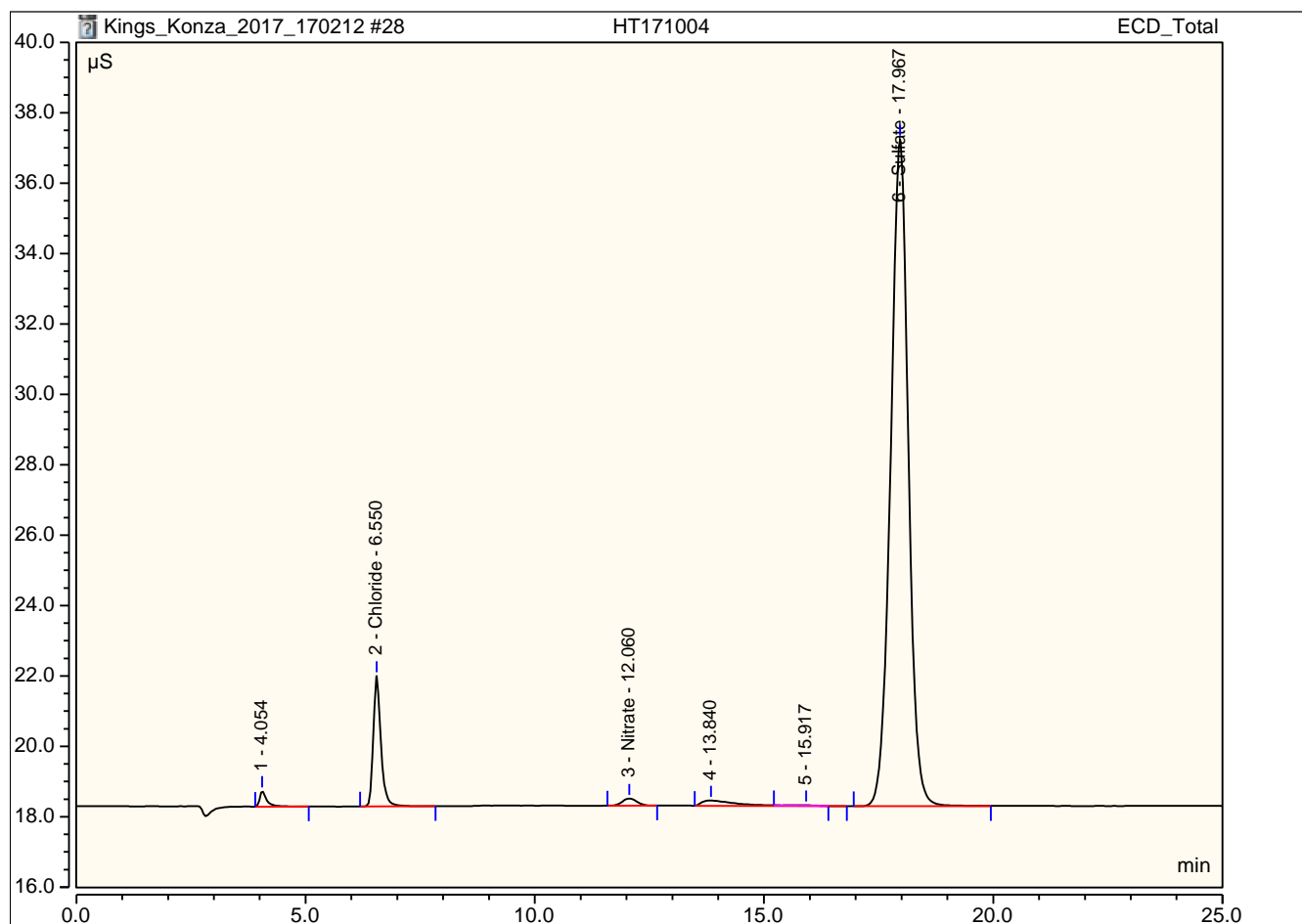
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
1	6.57	Chloride	M	3.542	20.205	n.a.
2	11.98	Nitrate	M	1.445	4.638	n.a.
4	17.85	Sulfate	M	10.837	22.330	n.a.
TOTAL:				15.82	47.17	0.00



## Peak Integration Report

Sample Name:	HT171004	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 02:43	Run Time:	25.00

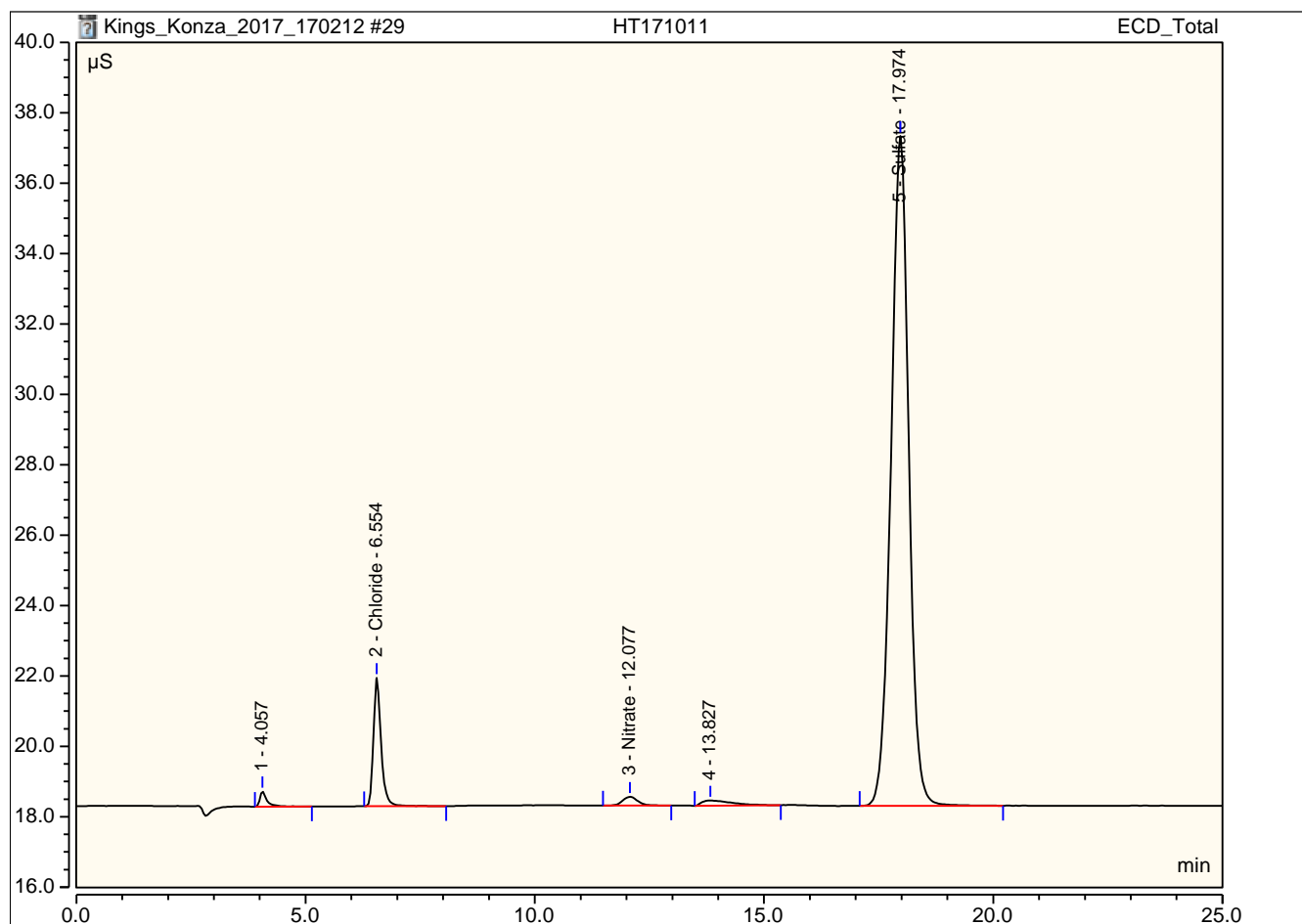
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.715	3.705	n.a.
3	12.06	Nitrate	M	0.075	0.201	n.a.
6	17.97	Sulfate	M	8.467	18.942	n.a.
TOTAL:				9.26	22.85	0.00



## Peak Integration Report

Sample Name:	HT171011	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 03:09	Run Time:	25.00

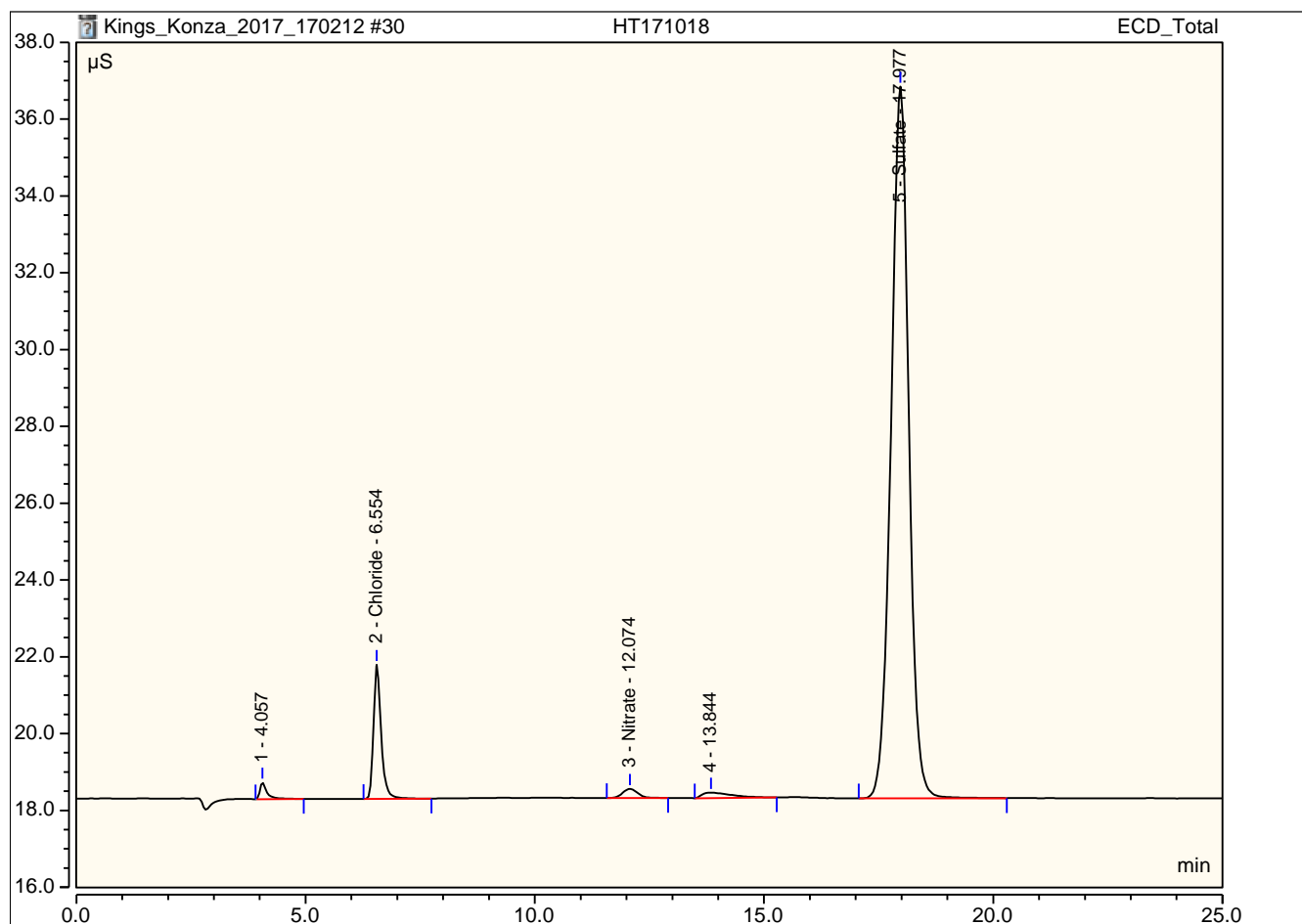
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.708	3.646	n.a.
3	12.08	Nitrate	M	0.097	0.250	n.a.
5	17.97	Sulfate	M	8.521	19.025	n.a.
TOTAL:				9.33	22.92	0.00



## Peak Integration Report

Sample Name:	HT171018	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 03:36	Run Time:	25.00

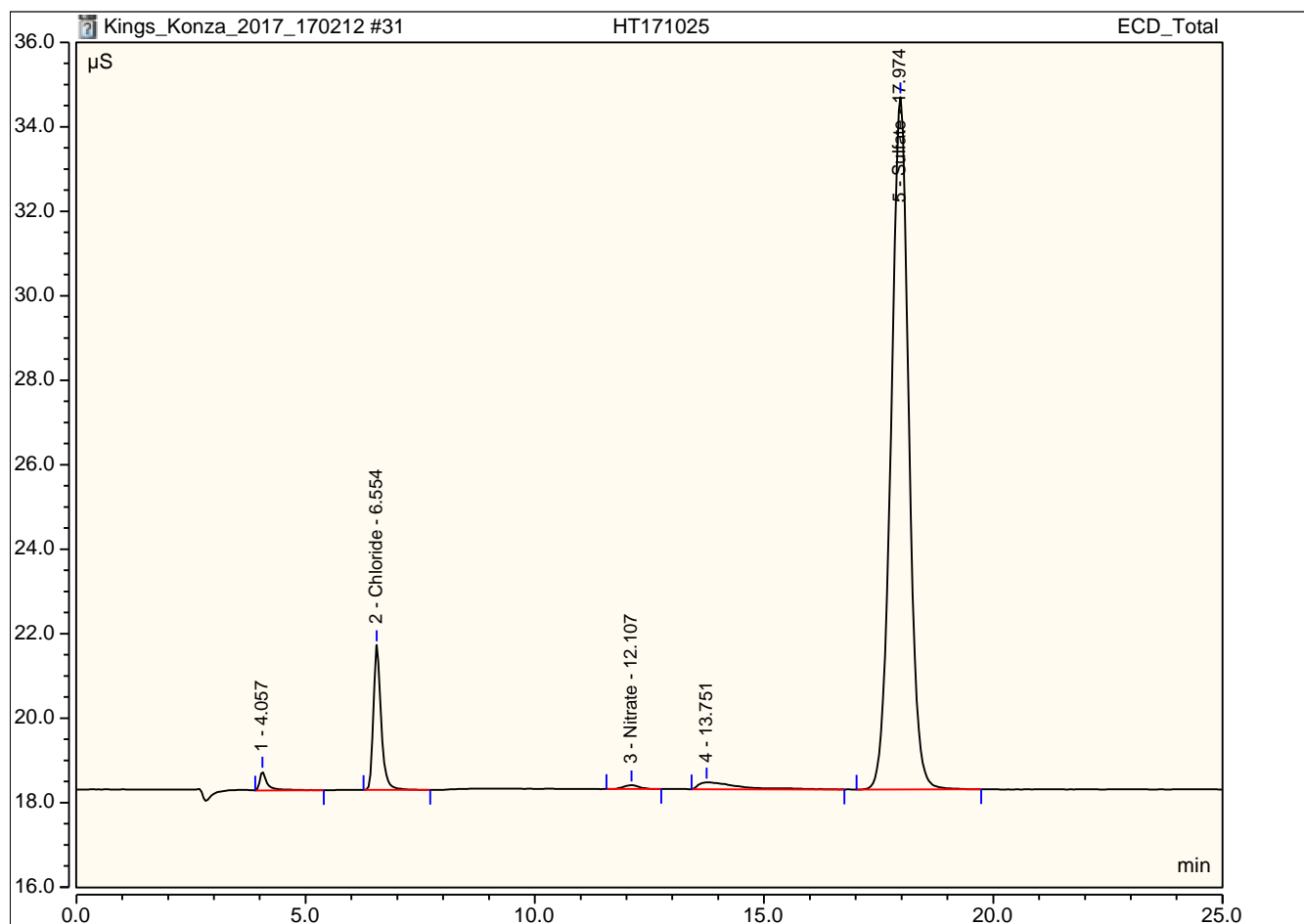
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.679	3.496	n.a.
3	12.07	Nitrate	M	0.091	0.240	n.a.
5	17.98	Sulfate	M	8.309	18.533	n.a.
TOTAL:				9.08	22.27	0.00



## Peak Integration Report

Sample Name:	HT171025	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 04:03	Run Time:	25.00

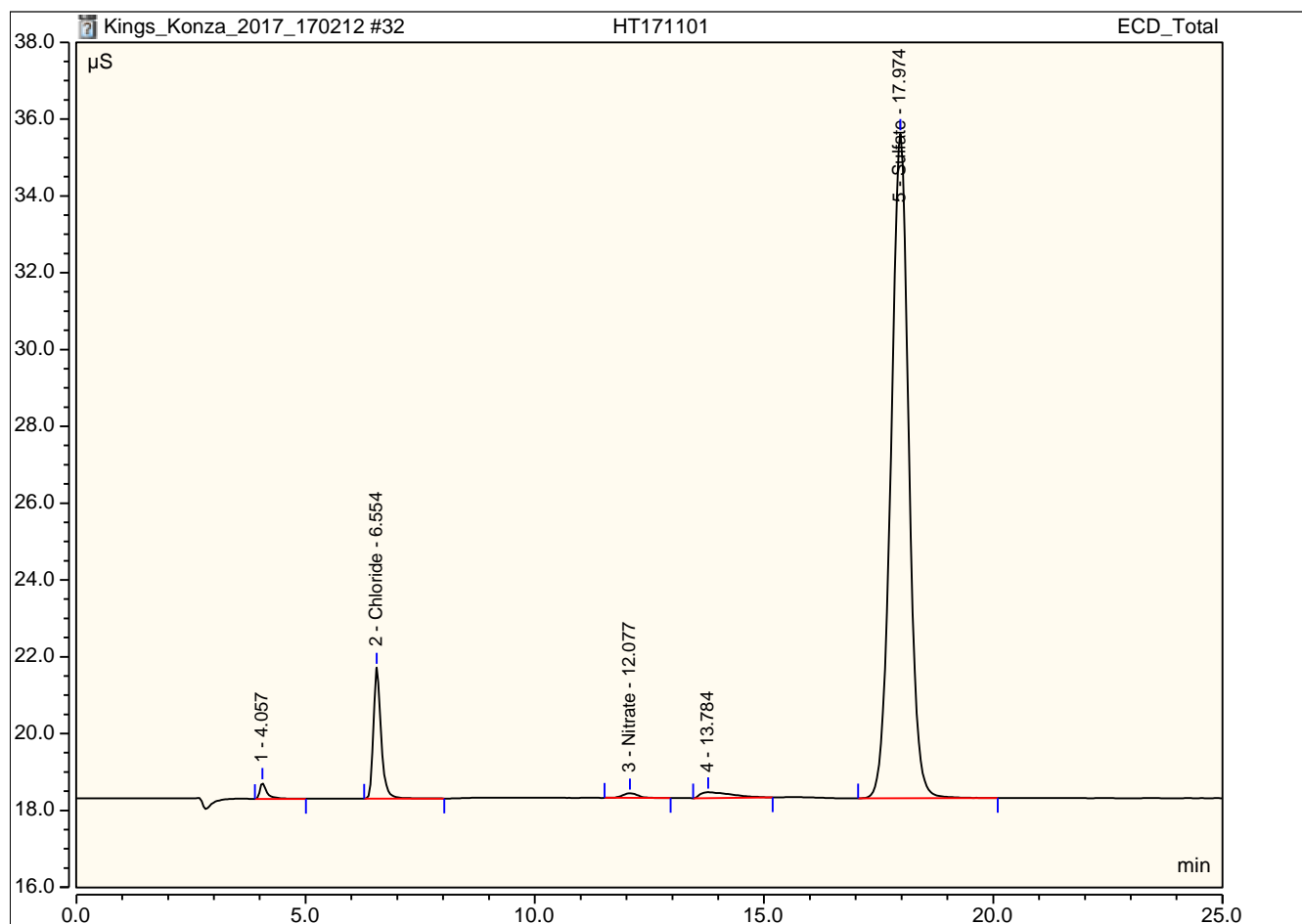
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.671	3.433	n.a.
3	12.11	Nitrate	M	0.038	0.093	n.a.
5	17.97	Sulfate	M	7.346	16.389	n.a.
TOTAL:				8.05	19.91	0.00



## Peak Integration Report

Sample Name:	HT171101	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 04:30	Run Time:	25.00

No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.667	3.413	n.a.
3	12.08	Nitrate	M	0.049	0.121	n.a.
5	17.97	Sulfate	M	7.757	17.299	n.a.
TOTAL:				8.47	20.83	0.00

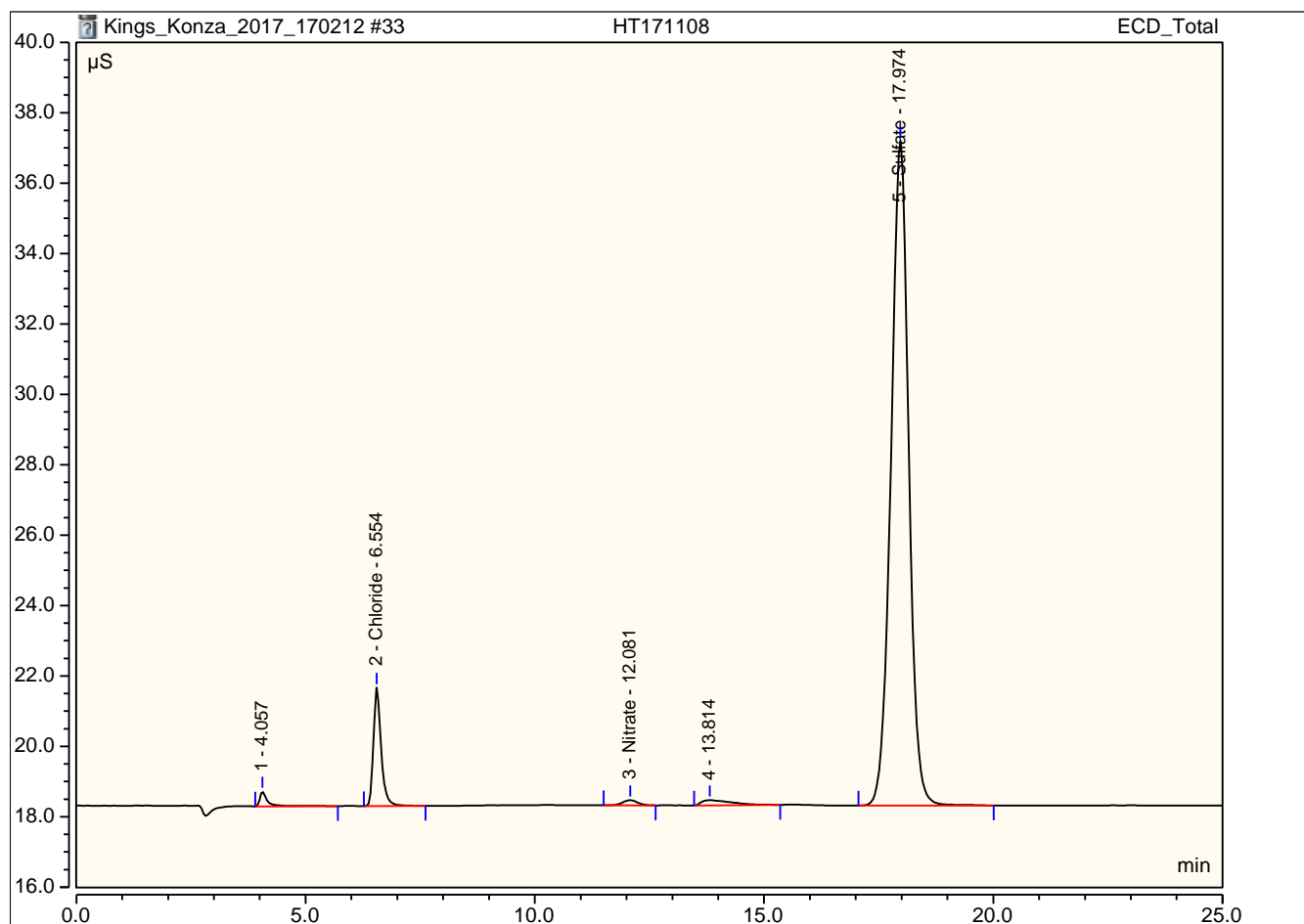




## Peak Integration Report

Sample Name:	HT171108	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 04:57	Run Time:	25.00

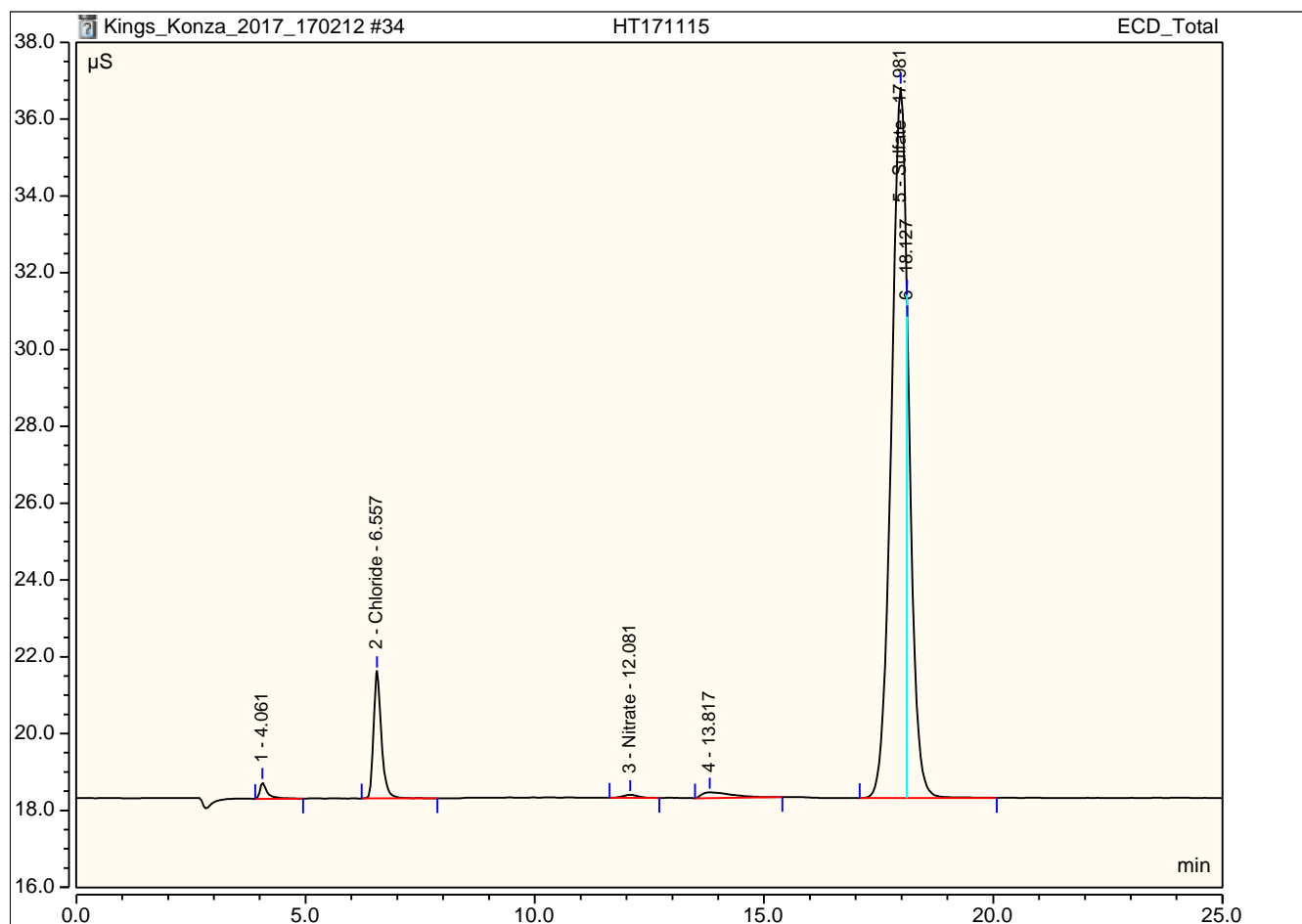
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.656	3.360	n.a.
3	12.08	Nitrate	M	0.055	0.145	n.a.
5	17.97	Sulfate	M	8.436	18.868	n.a.
TOTAL:				9.15	22.37	0.00



## Peak Integration Report

Sample Name:	HT171115	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 05:23	Run Time:	25.00

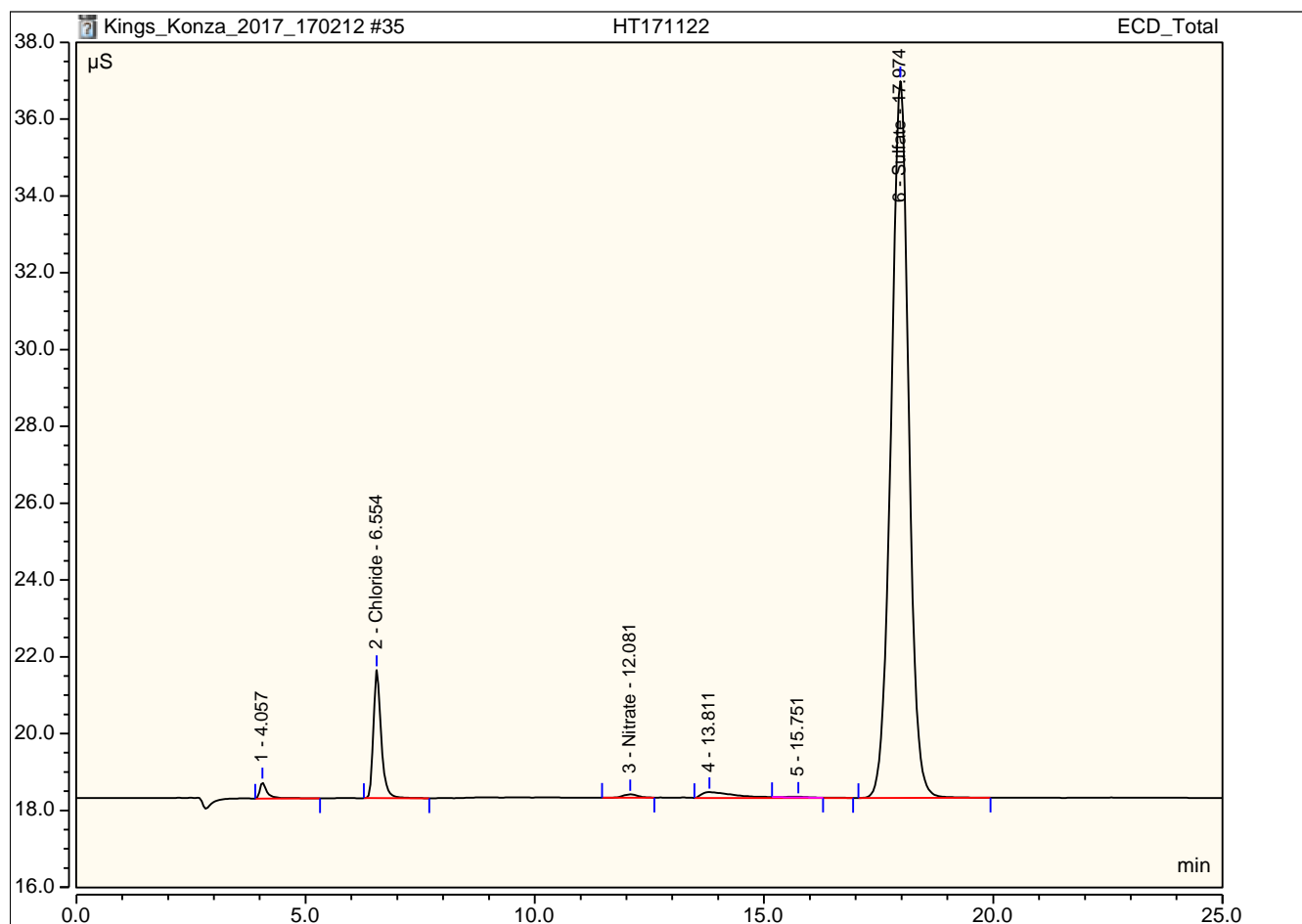
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.56	Chloride	M	0.661	3.316	n.a.
3	12.08	Nitrate	M	0.029	0.076	n.a.
5	17.98	Sulfate	M	6.524	18.502	n.a.
TOTAL:				7.21	21.89	0.00



## Peak Integration Report

Sample Name:	HT171122	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 05:50	Run Time:	25.00

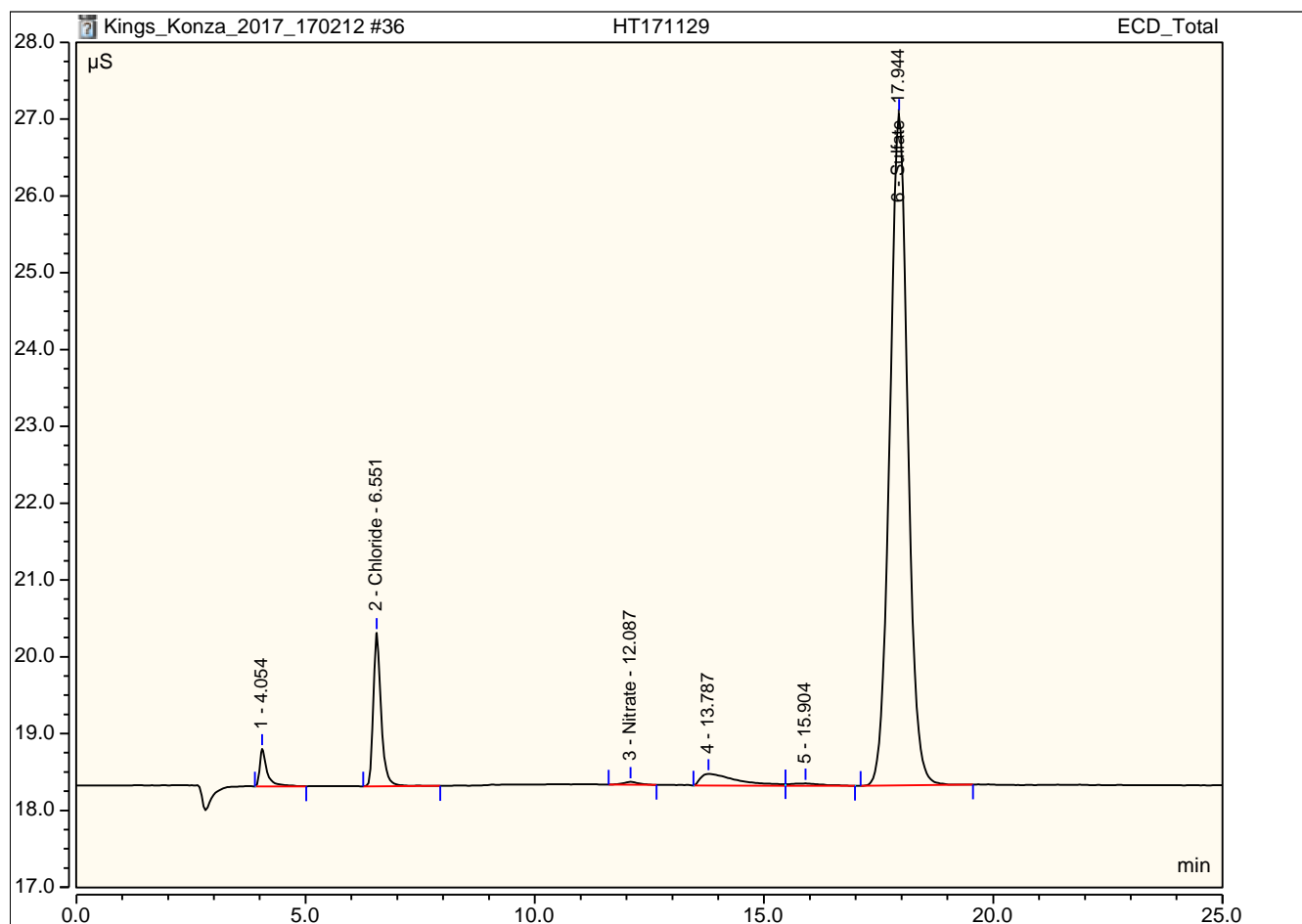
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.657	3.339	n.a.
3	12.08	Nitrate	M	0.033	0.085	n.a.
6	17.97	Sulfate	M	8.355	18.665	n.a.
TOTAL:				9.04	22.09	0.00



## Peak Integration Report

Sample Name:	HT171129	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 06:17	Run Time:	25.00

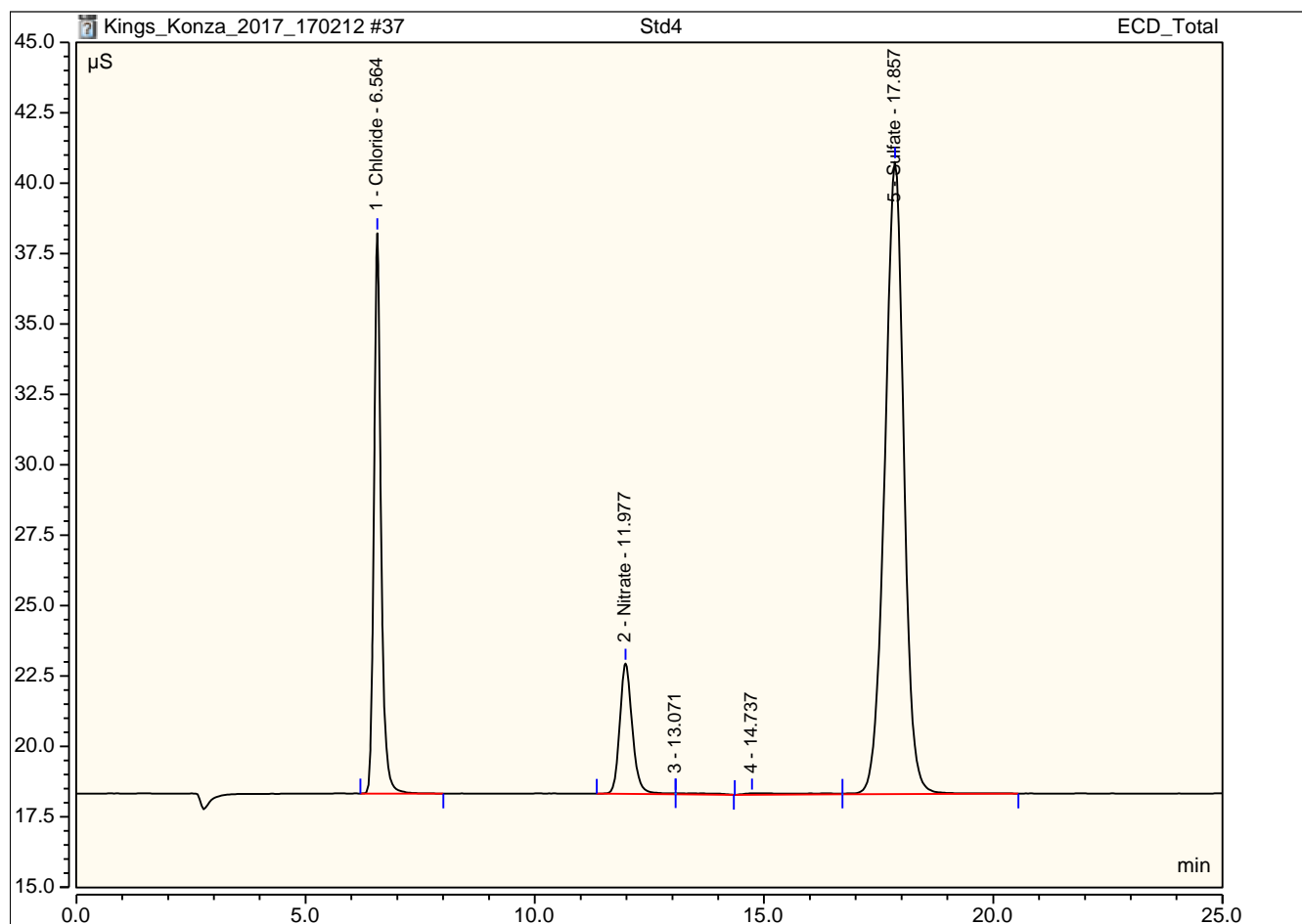
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.397	1.999	n.a.
3	12.09	Nitrate	M	0.014	0.036	n.a.
6	17.94	Sulfate	M	3.985	8.745	n.a.
TOTAL:				4.40	10.78	0.00



## Peak Integration Report

Sample Name:	Std4	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 06:44	Run Time:	25.00

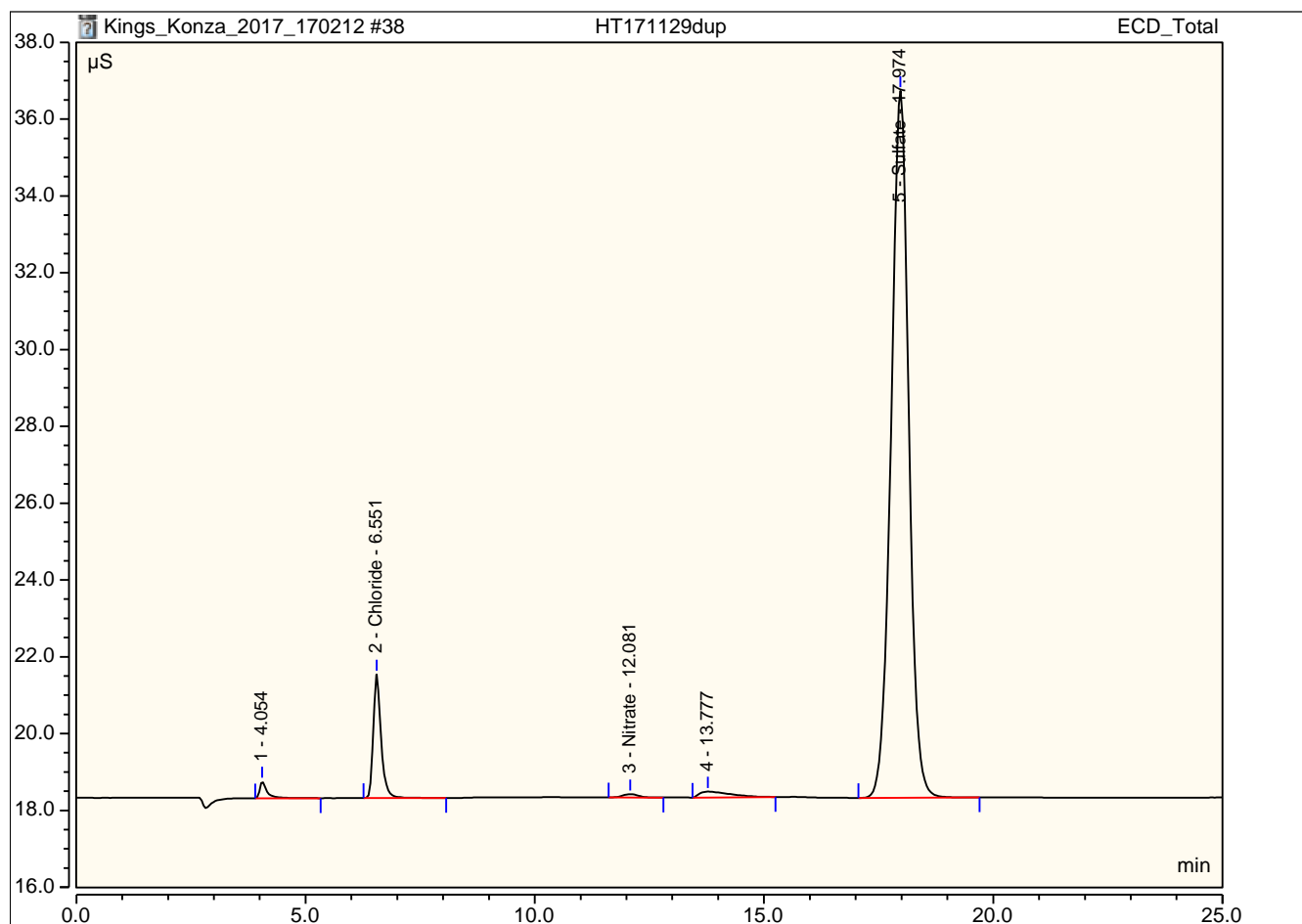
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
1	6.56	Chloride	M	3.552	19.898	n.a.
2	11.98	Nitrate	M	1.474	4.627	n.a.
5	17.86	Sulfate	M	10.880	22.449	n.a.
TOTAL:				15.91	46.97	0.00



## Peak Integration Report

Sample Name:	HT171129dup	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 07:10	Run Time:	25.00

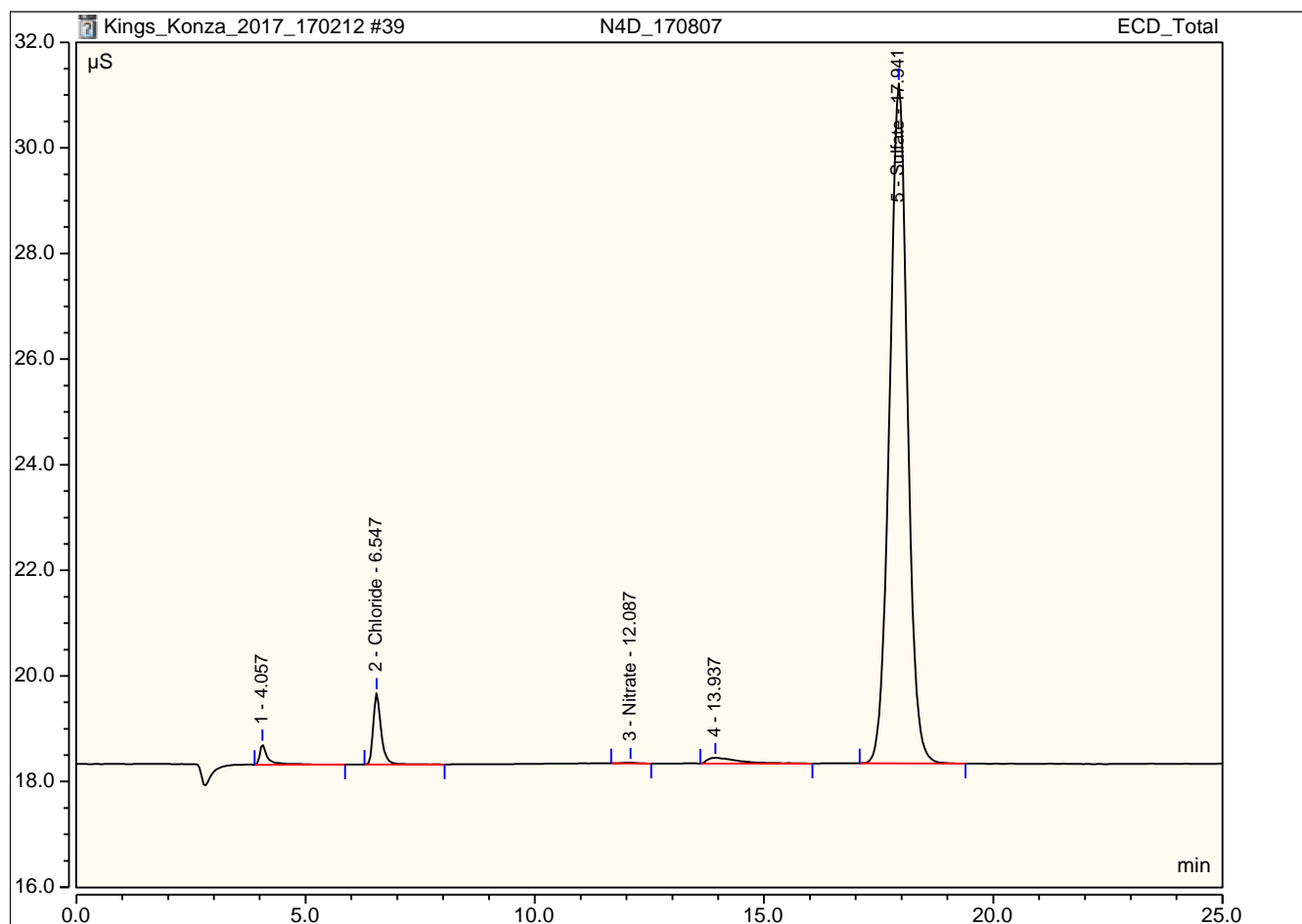
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.639	3.222	n.a.
3	12.08	Nitrate	M	0.035	0.086	n.a.
5	17.97	Sulfate	M	8.225	18.409	n.a.
TOTAL:				8.90	21.72	0.00



## Peak Integration Report

Sample Name:	N4D_170807	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 07:37	Run Time:	25.00

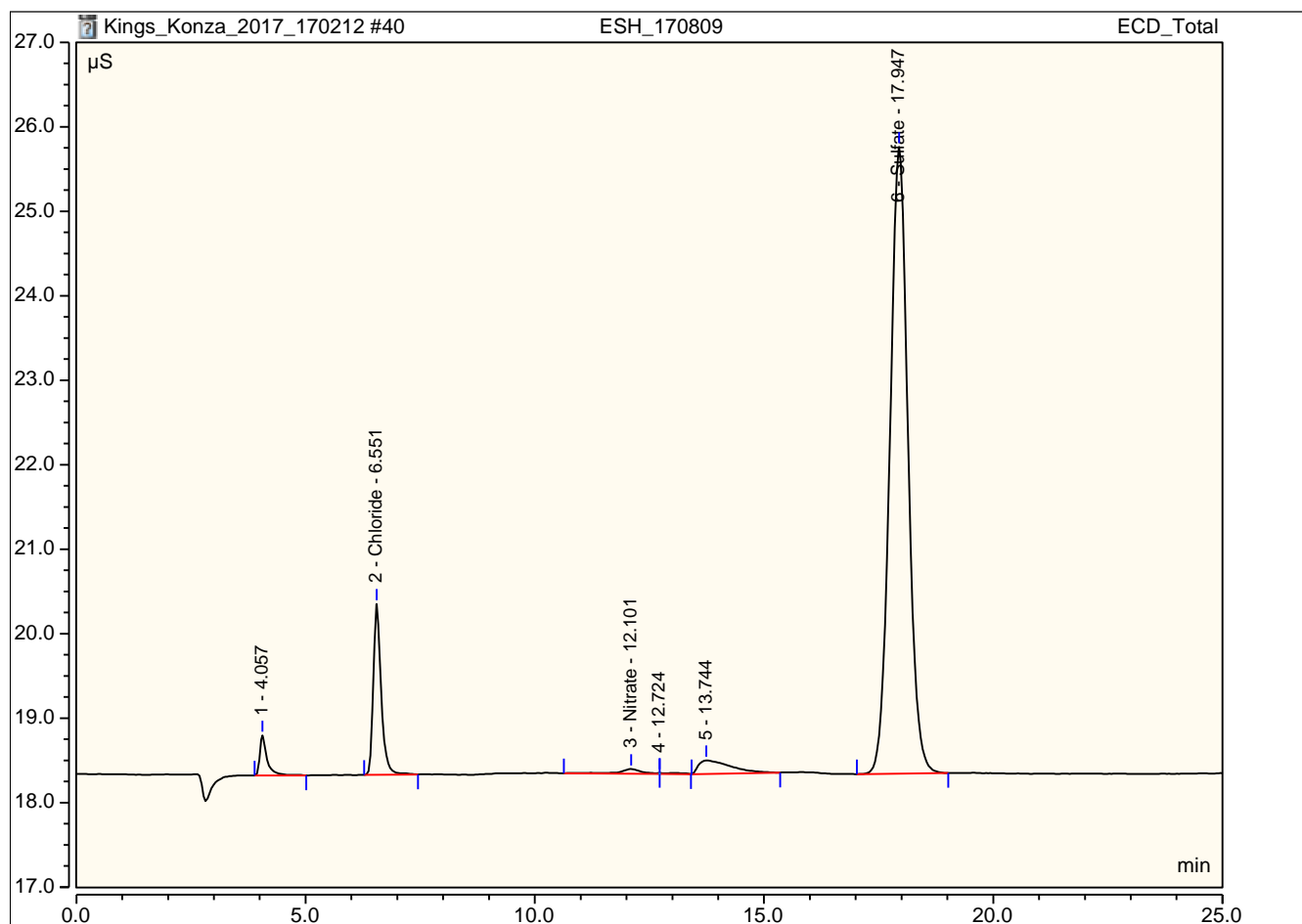
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.270	1.355	n.a.
3	12.09	Nitrate	M	0.006	0.016	n.a.
5	17.94	Sulfate	M	5.832	12.875	n.a.
TOTAL:				6.11	14.25	0.00



## Peak Integration Report

Sample Name:	ESH_170809	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 08:04	Run Time:	25.00

No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.404	2.023	n.a.
3	12.10	Nitrate	M	0.033	0.056	n.a.
6	17.95	Sulfate	M	3.394	7.417	n.a.
TOTAL:				3.83	9.50	0.00

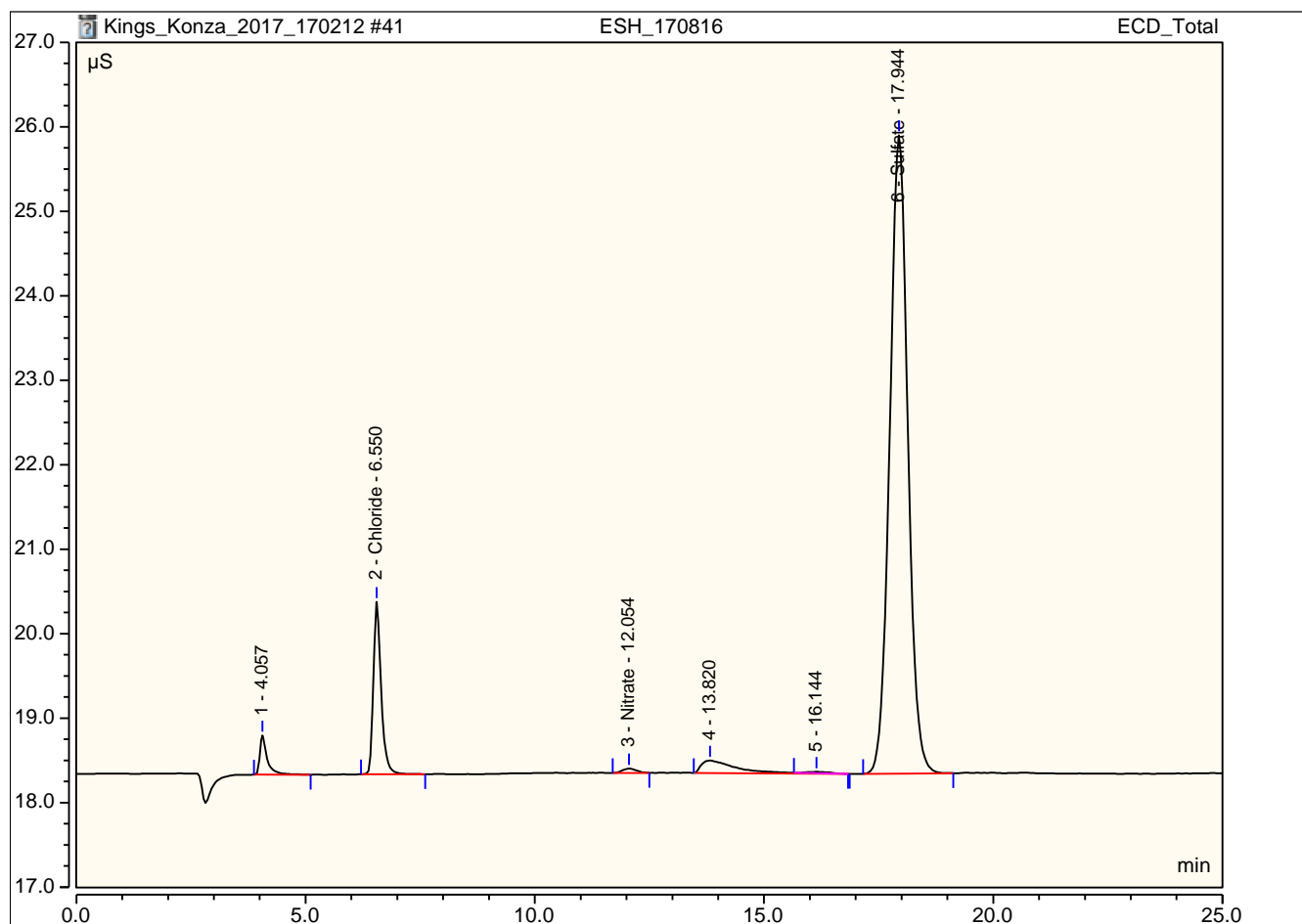




## Peak Integration Report

Sample Name:	ESH_170816	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 08:31	Run Time:	25.00

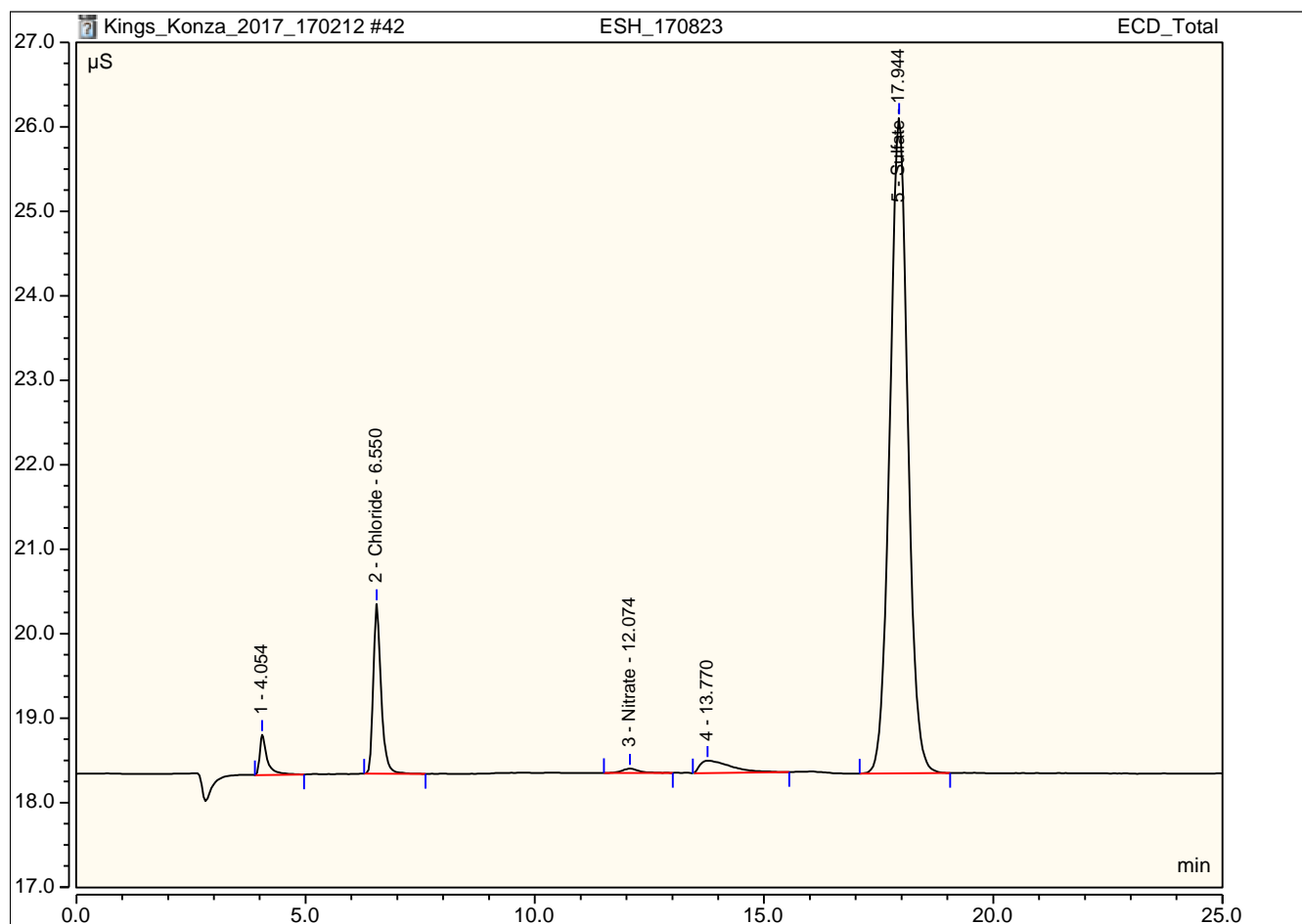
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.403	2.042	n.a.
3	12.05	Nitrate	M	0.018	0.053	n.a.
6	17.94	Sulfate	M	3.456	7.557	n.a.
TOTAL:				3.88	9.65	0.00



## Peak Integration Report

Sample Name:	ESH_170823	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 08:57	Run Time:	25.00

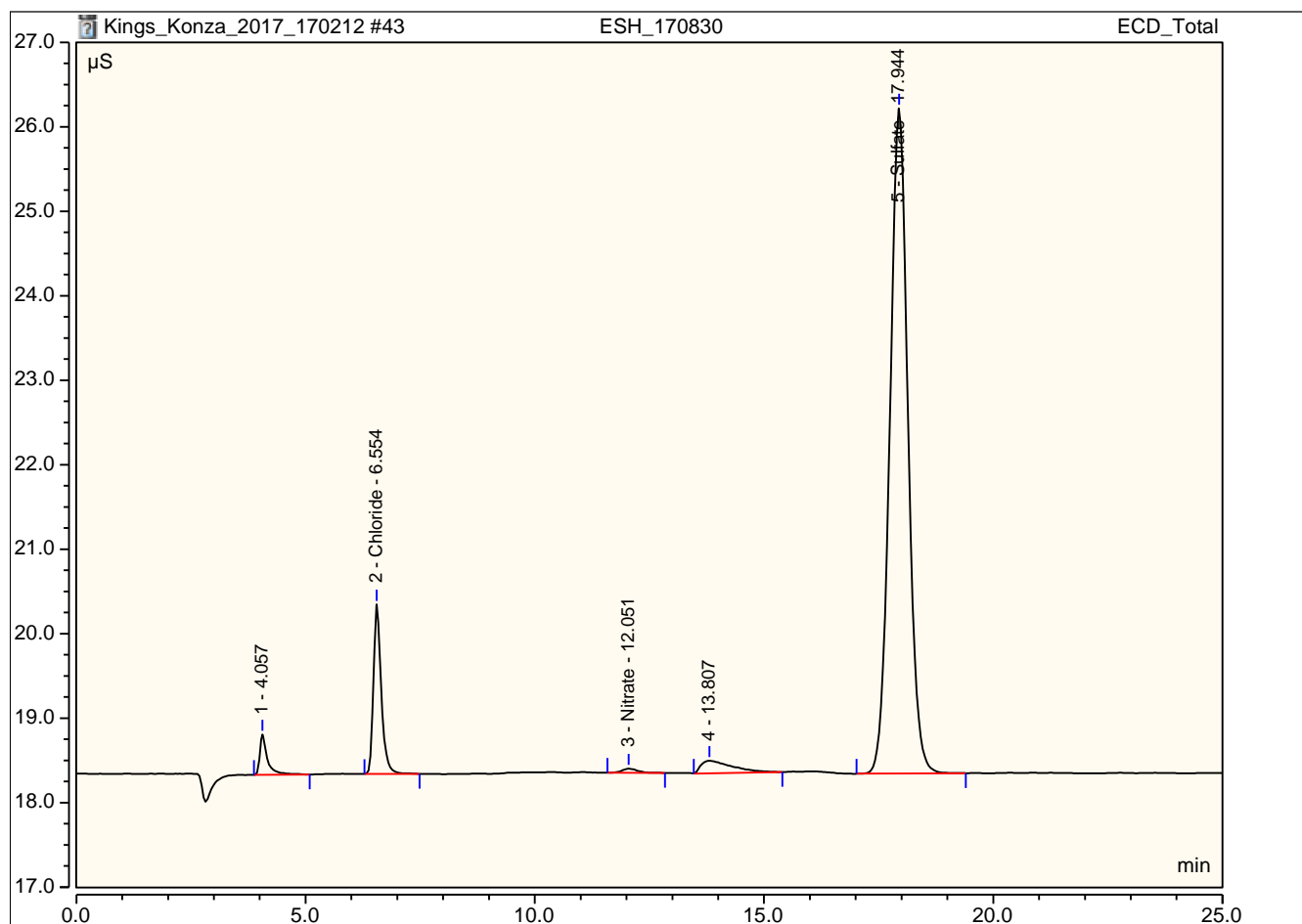
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.399	2.007	n.a.
3	12.07	Nitrate	M	0.022	0.052	n.a.
5	17.94	Sulfate	M	3.540	7.757	n.a.
TOTAL:				3.96	9.82	0.00



## Peak Integration Report

Sample Name:	ESH_170830	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 09:24	Run Time:	25.00

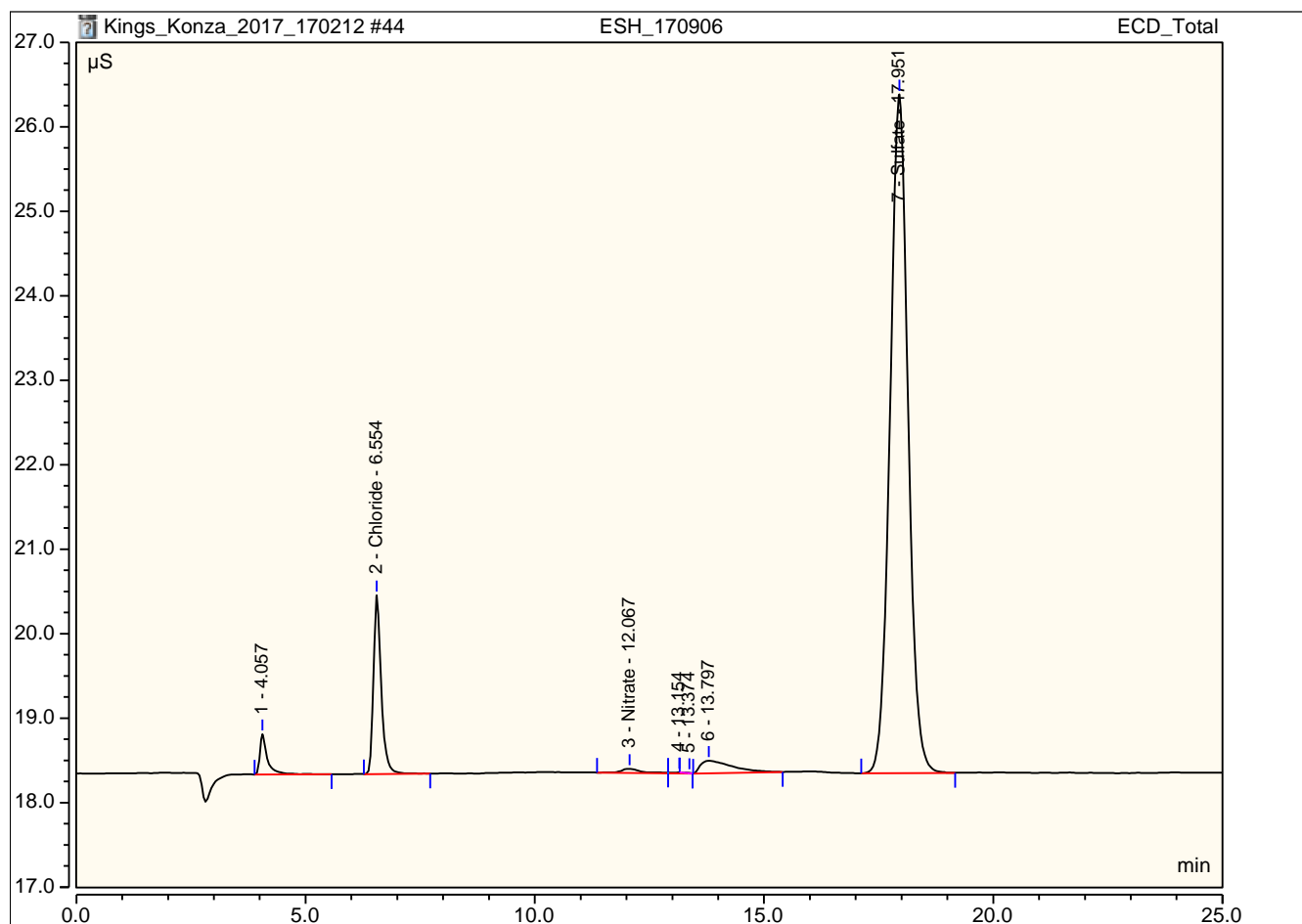
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.399	2.006	n.a.
3	12.05	Nitrate	M	0.019	0.049	n.a.
5	17.94	Sulfate	M	3.592	7.873	n.a.
TOTAL:				4.01	9.93	0.00



## Peak Integration Report

Sample Name:	ESH_170906	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 09:51	Run Time:	25.00

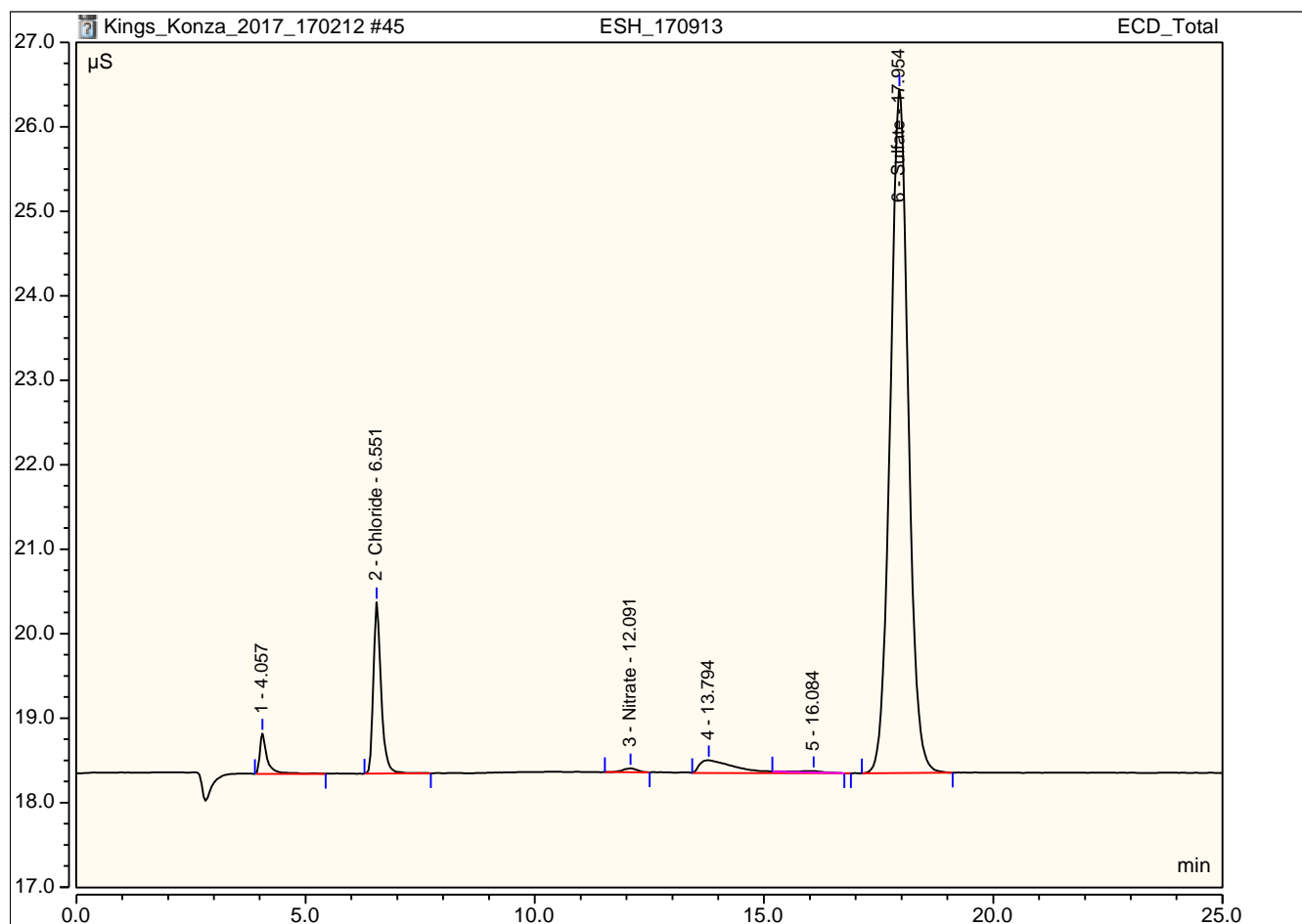
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.419	2.116	n.a.
3	12.07	Nitrate	M	0.024	0.048	n.a.
7	17.95	Sulfate	M	3.664	8.033	n.a.
TOTAL:				4.11	10.20	0.00



## Peak Integration Report

Sample Name:	ESH_170913	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 10:18	Run Time:	25.00

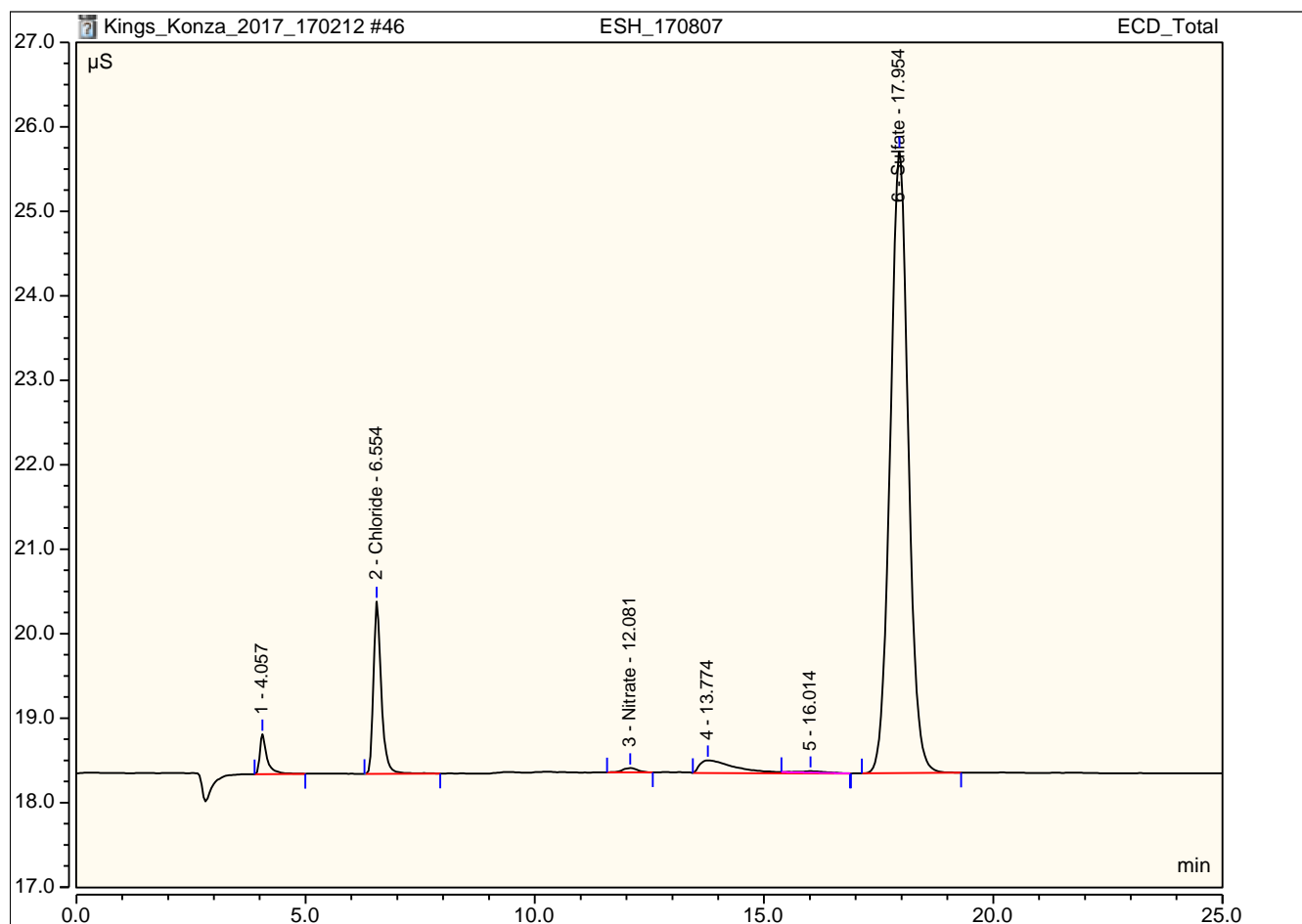
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.403	2.029	n.a.
3	12.09	Nitrate	M	0.018	0.046	n.a.
6	17.95	Sulfate	M	3.690	8.087	n.a.
TOTAL:				4.11	10.16	0.00



## Peak Integration Report

Sample Name:	ESH_170807	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 10:44	Run Time:	25.00

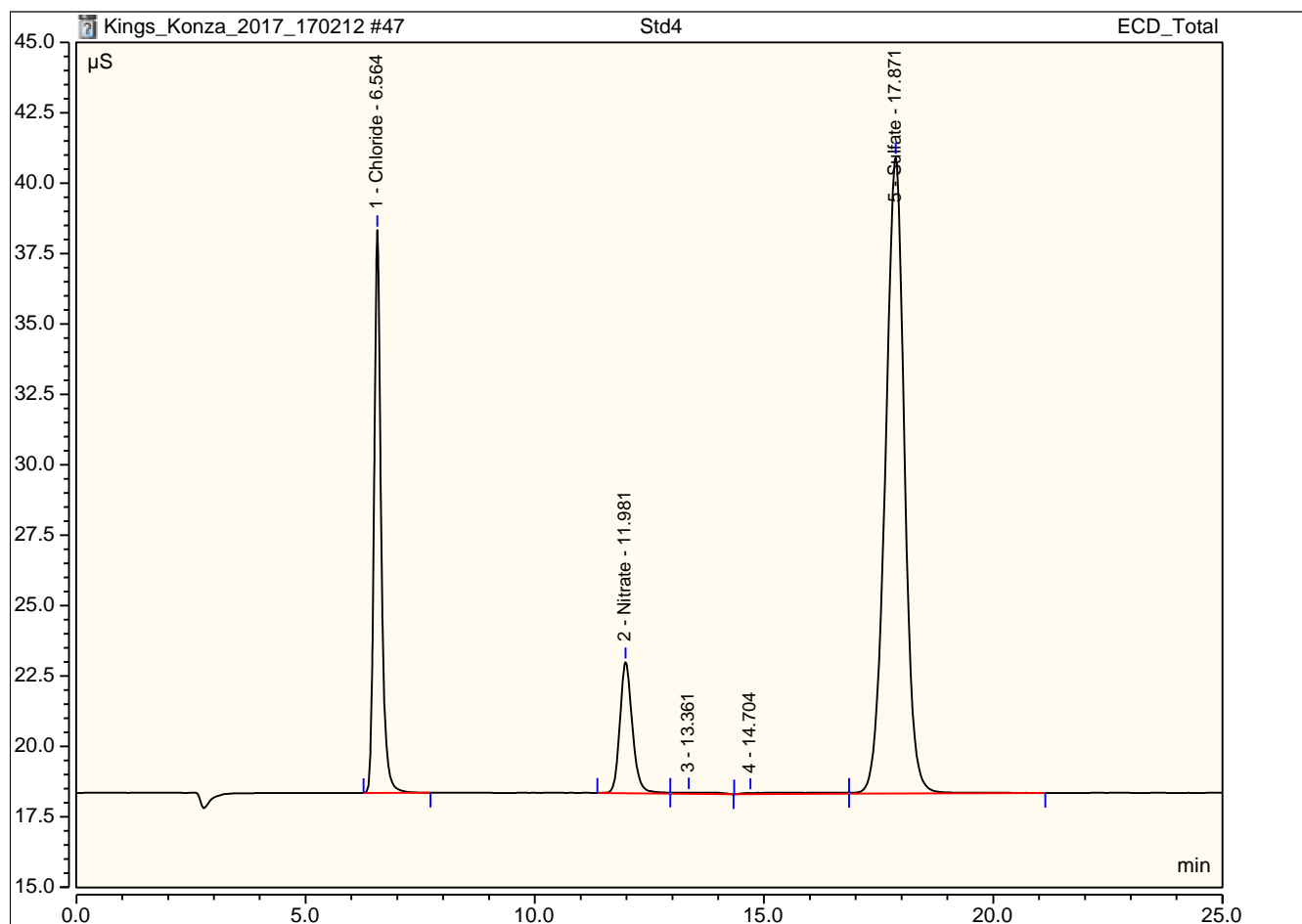
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S} \cdot \text{min}$	Height $\mu\text{S}$	Amount
2	6.55	Chloride	M	0.408	2.039	n.a.
3	12.08	Nitrate	M	0.019	0.051	n.a.
6	17.95	Sulfate	M	3.367	7.361	n.a.
TOTAL:				3.79	9.45	0.00



## Peak Integration Report

Sample Name:	Std4	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 11:11	Run Time:	25.00

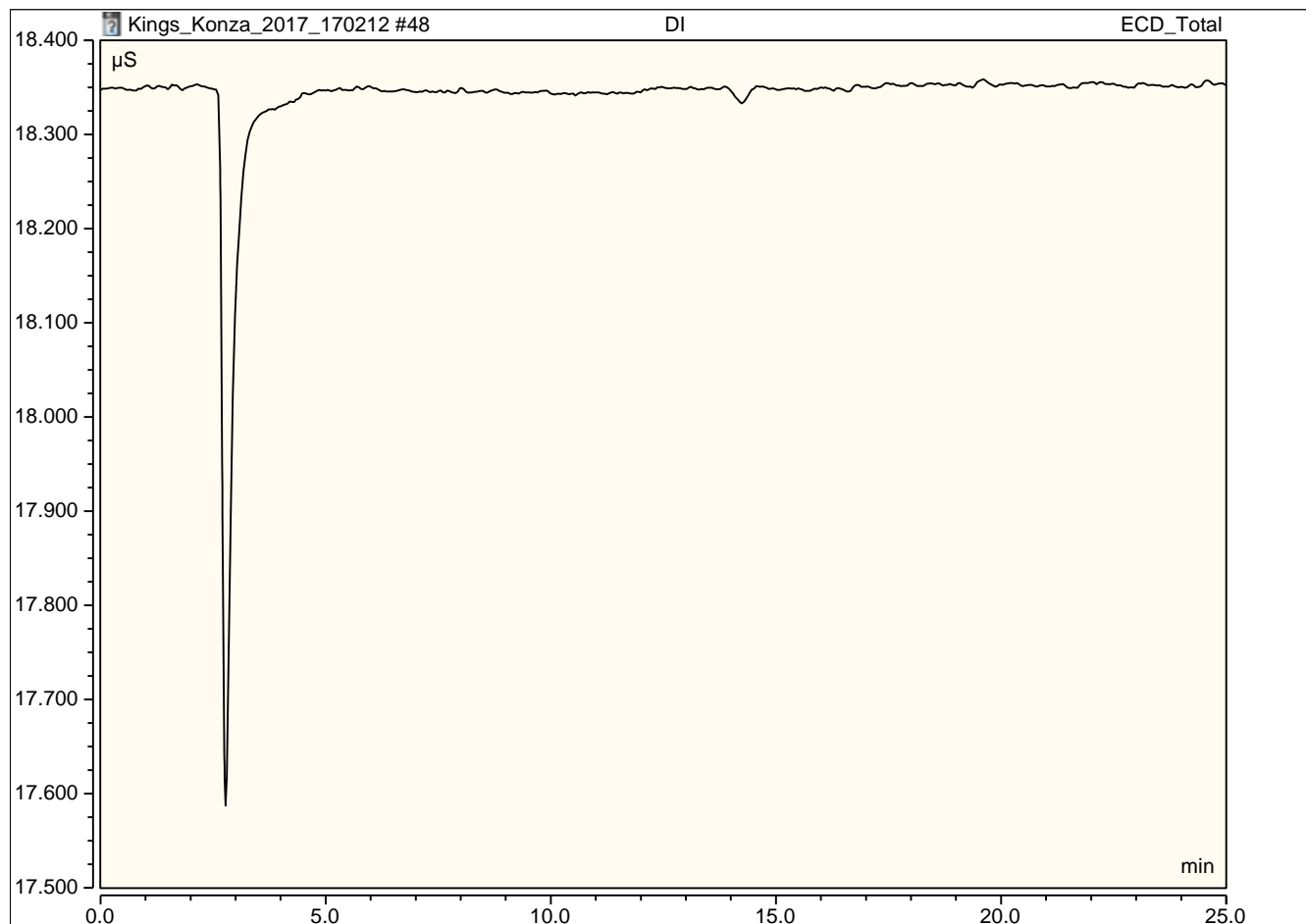
No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount
1	6.56	Chloride	M	3.561	19.976	n.a.
2	11.98	Nitrate	M	1.478	4.648	n.a.
5	17.87	Sulfate	M	10.935	22.582	n.a.
TOTAL:				15.97	47.21	0.00



## Peak Integration Report

Sample Name:	DI	Inj. Vol.:	25.00
Injection Type:	Unknown	Dilution Factor:	1.0000
Program:	3AnionInstMeth	Operator:	University of KS
Inj. Date / Time:	03-Dec-2017 / 11:38	Run Time:	25.00

No.	Time min	Peak Name	Peak Type	Area $\mu\text{S}\cdot\text{min}$	Height $\mu\text{S}$	Amount n.a.
TOTAL:				0.00	0.00	0.00





### Anion Summary Report

No.	Name	Time min	Area μS*min	Rel.Area %	Height μS	Rel.Height %	Amount
		ECD_Total Chloride	ECD_Total Chloride	ECD_Total Chloride	ECD_Total Chloride	ECD_Total Chloride	ECD_Total Chloride
1	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std1	6.564	0.0383	22.61	0.21	42.11	n.a.
3	Std2	6.564	0.3742	22.78	2.05	41.74	n.a.
4	Std3	6.577	2.0516	22.18	11.72	42.07	n.a.
5	Std4	6.581	3.4859	22.27	20.25	42.97	n.a.
6	Std5	6.587	4.4748	22.18	26.26	25.51	n.a.
7	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	King GWW1 171202	6.567	0.2938	5.70	1.54	12.38	n.a.
9	King GWW2 171202	6.571	0.2874	5.53	1.49	11.87	n.a.
10	King GWW2dup 171202	6.567	0.2796	5.40	1.46	11.63	n.a.
11	King GWW3 171202	6.567	0.2772	5.48	1.44	11.72	n.a.
12	King GWW4 171202	6.564	0.3006	5.85	1.56	12.49	n.a.
13	King GWW5 171202	6.551	0.2882	5.71	1.43	11.92	n.a.
14	King GWW6 171202	6.554	0.3253	5.75	1.63	12.13	n.a.
15	King GWW7 171202	6.551	0.3120	6.00	1.56	12.42	n.a.
16	King GWW8 171202	6.551	0.3230	6.25	1.60	12.89	n.a.
17	Std4	6.561	3.5212	22.11	19.56	42.19	n.a.
18	HT170807	6.551	0.5570	7.90	2.79	16.12	n.a.
19	HT170809	6.551	0.5864	7.66	2.96	15.72	n.a.
20	HT170816	6.554	0.6178	7.88	3.15	16.36	n.a.
21	HT170823	6.557	0.6394	7.38	3.27	15.40	n.a.
22	HT170830	6.554	0.6629	7.48	3.39	15.49	n.a.
23	HT170913	6.554	0.6724	7.61	3.43	15.73	n.a.
24	HT170906	6.554	0.7232	7.79	3.70	16.07	n.a.
25	HT170920	6.554	0.7072	7.41	3.63	15.46	n.a.
26	HT170927	6.554	0.7136	7.49	3.69	15.67	n.a.
27	Std4	6.567	3.5417	22.28	20.20	42.80	n.a.
28	HT171004	6.550	0.7149	7.53	3.70	15.79	n.a.
29	HT171011	6.554	0.7078	7.44	3.65	15.51	n.a.
30	HT171018	6.554	0.6793	7.33	3.50	15.30	n.a.
31	HT171025	6.554	0.6706	8.07	3.43	16.72	n.a.
32	HT171101	6.554	0.6668	7.69	3.41	15.94	n.a.
33	HT171108	6.554	0.6563	7.02	3.36	14.64	n.a.
34	HT171115	6.557	0.6612	7.22	3.32	9.50	n.a.
35	HT171122	6.554	0.6566	7.08	3.34	14.72	n.a.
36	HT171129	6.551	0.3974	8.54	2.00	17.45	n.a.
37	Std4	6.564	3.5522	22.15	19.90	42.29	n.a.
38	HT171129dup	6.551	0.6388	7.01	3.22	14.44	n.a.
39	N4D_170807	6.547	0.2699	4.30	1.36	9.19	n.a.
40	ESH_170809	6.551	0.4038	9.96	2.02	19.95	n.a.
41	ESH_170816	6.550	0.4031	9.81	2.04	19.86	n.a.
42	ESH_170823	6.550	0.3986	9.56	2.01	19.22	n.a.
43	ESH_170830	6.554	0.3991	9.46	2.01	19.01	n.a.
44	ESH_170906	6.554	0.4191	9.69	2.12	19.53	n.a.
45	ESH_170913	6.551	0.4027	9.25	2.03	18.77	n.a.
46	ESH_170807	6.554	0.4080	10.12	2.04	20.21	n.a.
47	Std4	6.564	3.5615	22.08	19.98	42.24	n.a.
48	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	295.094	42.723	467.991	232.383	911.118	0.000
	Average:	6.558	0.949	10.400	5.164	20.247	#DIV/0!
	Rel.Std.Dev:	0.136 %	119.187 %	59.189 %	126.922 %	53.351 %	#DIV/0!

No.	Name	Time min ECD_Total Nitrate	Area µS*min ECD_Total Nitrate	Rel.Area % ECD_Total Nitrate	Height µS ECD_Total Nitrate	Rel.Height % ECD_Total Nitrate	Amount ECD_Total Nitrate
1	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std1	12.011	0.0191	11.26	0.06	11.96	n.a.
3	Std2	12.017	0.1673	10.19	0.54	11.05	n.a.
4	Std3	12.014	0.9127	9.87	2.93	10.51	n.a.
5	Std4	12.001	1.4344	9.16	4.68	9.92	n.a.
6	Std5	11.991	1.8939	9.39	5.95	5.78	n.a.
7	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	King GWW1 171202	12.101	0.0653	1.27	0.16	1.32	n.a.
9	King GWW2 171202	12.111	0.0505	0.97	0.13	1.01	n.a.
10	King GWW2dup 171202	12.101	0.0465	0.90	0.12	0.97	n.a.
11	King GWW3 171202	12.104	0.0433	0.85	0.11	0.90	n.a.
12	King GWW4 171202	12.091	0.0678	1.32	0.18	1.44	n.a.
13	King GWW5 171202	12.091	0.0448	0.89	0.11	0.92	n.a.
14	King GWW6 171202	12.087	0.0865	1.53	0.22	1.62	n.a.
15	King GWW7 171202	12.071	0.0621	1.20	0.16	1.30	n.a.
16	King GWW8 171202	12.081	0.0287	0.55	0.08	0.62	n.a.
17	Std4	11.977	1.4705	9.23	4.59	9.89	n.a.
18	HT170807	12.067	0.1007	1.43	0.26	1.52	n.a.
19	HT170809	12.067	0.1021	1.33	0.27	1.45	n.a.
20	HT170816	12.071	0.0993	1.27	0.26	1.36	n.a.
21	HT170823	12.071	0.1040	1.20	0.28	1.32	n.a.
22	HT170830	12.081	0.1016	1.15	0.27	1.22	n.a.
23	HT170913	12.084	0.0604	0.68	0.15	0.71	n.a.
24	HT170906	12.067	0.0954	1.03	0.25	1.08	n.a.
25	HT170920	12.084	0.0749	0.78	0.19	0.83	n.a.
26	HT170927	12.071	0.0737	0.77	0.20	0.83	n.a.
27	Std4	11.981	1.4455	9.09	4.64	9.83	n.a.
28	HT171004	12.060	0.0754	0.79	0.20	0.86	n.a.
29	HT171011	12.077	0.0974	1.02	0.25	1.06	n.a.
30	HT171018	12.074	0.0912	0.98	0.24	1.05	n.a.
31	HT171025	12.107	0.0378	0.45	0.09	0.45	n.a.
32	HT171101	12.077	0.0488	0.56	0.12	0.57	n.a.
33	HT171108	12.081	0.0553	0.59	0.15	0.63	n.a.
34	HT171115	12.081	0.0294	0.32	0.08	0.22	n.a.
35	HT171122	12.081	0.0325	0.35	0.08	0.37	n.a.
36	HT171129	12.087	0.0139	0.30	0.04	0.32	n.a.
37	Std4	11.977	1.4741	9.19	4.63	9.83	n.a.
38	HT171129dup	12.081	0.0346	0.38	0.09	0.39	n.a.
39	N4D_170807	12.087	0.0058	0.09	0.02	0.11	n.a.
40	ESH_170809	12.101	0.0332	0.82	0.06	0.55	n.a.
41	ESH_170816	12.054	0.0181	0.44	0.05	0.51	n.a.
42	ESH_170823	12.074	0.0223	0.54	0.05	0.50	n.a.
43	ESH_170830	12.051	0.0190	0.45	0.05	0.46	n.a.
44	ESH_170906	12.067	0.0244	0.56	0.05	0.45	n.a.
45	ESH_170913	12.091	0.0176	0.40	0.05	0.43	n.a.
46	ESH_170807	12.081	0.0194	0.48	0.05	0.50	n.a.
47	Std4	11.981	1.4781	9.16	4.65	9.83	n.a.
48	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sum:		542.854	12.279	115.212	37.770	118.457	0.000
Average:		12.063	0.273	2.560	0.839	2.632	#DIV/0!
Rel.Std.Dev:		0.314 %	190.641 %	140.459 %	197.554 %	141.919 %	#DIV/0!

No.	Name	Time min ECD_Total Sulfate	Area µS*min ECD_Total Sulfate	Rel.Area % ECD_Total Sulfate	Height µS ECD_Total Sulfate	Rel.Height % ECD_Total Sulfate	Amount ECD_Total Sulfate
1	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	Std1	17.801	0.1084	63.96	0.22	44.20	n.a.
3	Std2	17.821	1.1012	67.03	2.31	47.21	n.a.
4	Std3	17.864	6.2002	67.02	13.15	47.23	n.a.
5	Std4	17.877	10.6063	67.76	22.13	46.96	n.a.
6	Std5	17.881	9.9454	49.30	27.79	27.00	n.a.
7	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	King GWW1 171202	17.971	4.5155	87.60	10.05	81.00	n.a.
9	King GWW2 171202	17.977	4.6195	88.93	10.31	82.06	n.a.
10	King GWW2dup 171202	17.971	4.6171	89.16	10.31	82.34	n.a.
11	King GWW3 171202	17.977	4.5177	89.24	10.07	82.25	n.a.
12	King GWW4 171202	17.967	4.5312	88.18	10.09	80.66	n.a.
13	King GWW5 171202	17.944	4.4934	89.01	9.85	82.11	n.a.
14	King GWW6 171202	17.951	4.9797	87.95	10.97	81.51	n.a.
15	King GWW7 171202	17.941	4.5703	87.91	10.03	80.07	n.a.
16	King GWW8 171202	17.944	4.5960	88.91	10.14	81.64	n.a.
17	Std4	17.844	10.8089	67.86	22.13	47.75	n.a.
18	HT170807	17.954	6.1500	87.23	13.66	78.95	n.a.
19	HT170809	17.961	6.7638	88.41	15.03	79.78	n.a.
20	HT170816	17.967	6.8325	87.17	15.20	78.92	n.a.
21	HT170823	17.974	7.6739	88.61	17.11	80.49	n.a.
22	HT170830	17.977	7.8947	89.08	17.66	80.59	n.a.
23	HT170913	17.970	7.8991	89.44	17.65	80.89	n.a.
24	HT170906	17.971	8.2593	88.94	18.47	80.32	n.a.
25	HT170920	17.977	8.5077	89.12	19.04	81.03	n.a.
26	HT170927	17.974	8.5459	89.75	19.06	81.02	n.a.
27	Std4	17.851	10.8369	68.16	22.33	47.30	n.a.
28	HT171004	17.967	8.4674	89.14	18.94	80.71	n.a.
29	HT171011	17.974	8.5215	89.52	19.03	80.93	n.a.
30	HT171018	17.977	8.3092	89.65	18.53	81.10	n.a.
31	HT171025	17.974	7.3461	88.39	16.39	79.83	n.a.
32	HT171101	17.974	7.7571	89.45	17.30	80.80	n.a.
33	HT171108	17.974	8.4365	90.23	18.87	82.21	n.a.
34	HT171115	17.981	6.5239	71.29	18.50	53.00	n.a.
35	HT171122	17.974	8.3550	90.06	18.66	82.29	n.a.
36	HT171129	17.944	3.9847	85.63	8.74	76.35	n.a.
37	Std4	17.857	10.8803	67.86	22.45	47.71	n.a.
38	HT171129dup	17.974	8.2254	90.32	18.41	82.50	n.a.
39	N4D_170807	17.941	5.8320	92.86	12.88	87.32	n.a.
40	ESH_170809	17.947	3.3939	83.70	7.42	73.13	n.a.
41	ESH_170816	17.944	3.4559	84.08	7.56	73.50	n.a.
42	ESH_170823	17.944	3.5398	84.93	7.76	74.30	n.a.
43	ESH_170830	17.944	3.5925	85.19	7.87	74.62	n.a.
44	ESH_170906	17.951	3.6644	84.76	8.03	74.11	n.a.
45	ESH_170913	17.954	3.6900	84.72	8.09	74.82	n.a.
46	ESH_170807	17.954	3.3667	83.49	7.36	72.96	n.a.
47	Std4	17.871	10.9348	67.80	22.58	47.75	n.a.
48	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Sum:	807.321	287.852	3738.818	640.147	3243.192	0.000
	Average:	17.940	6.397	83.085	14.225	72.071	#DIV/0!
	Rel.Std.Dev:	0.267 %	41.917 %	11.941 %	42.117 %	20.712 %	#DIV/0!