

Sequence Overview

Sequence Details

Name:	Anion_KINGGWW_180305	Created On:	05/Mar/18 17:36:41
Directory:	Instrument Data\ICS_1600\Data	Created By:	University of KS
Data Vault:	ChromeleonLocal	Updated On:	06/Mar/18 06:10:47
No. of Injections:	28	Updated By:	University of KS

Injection Details

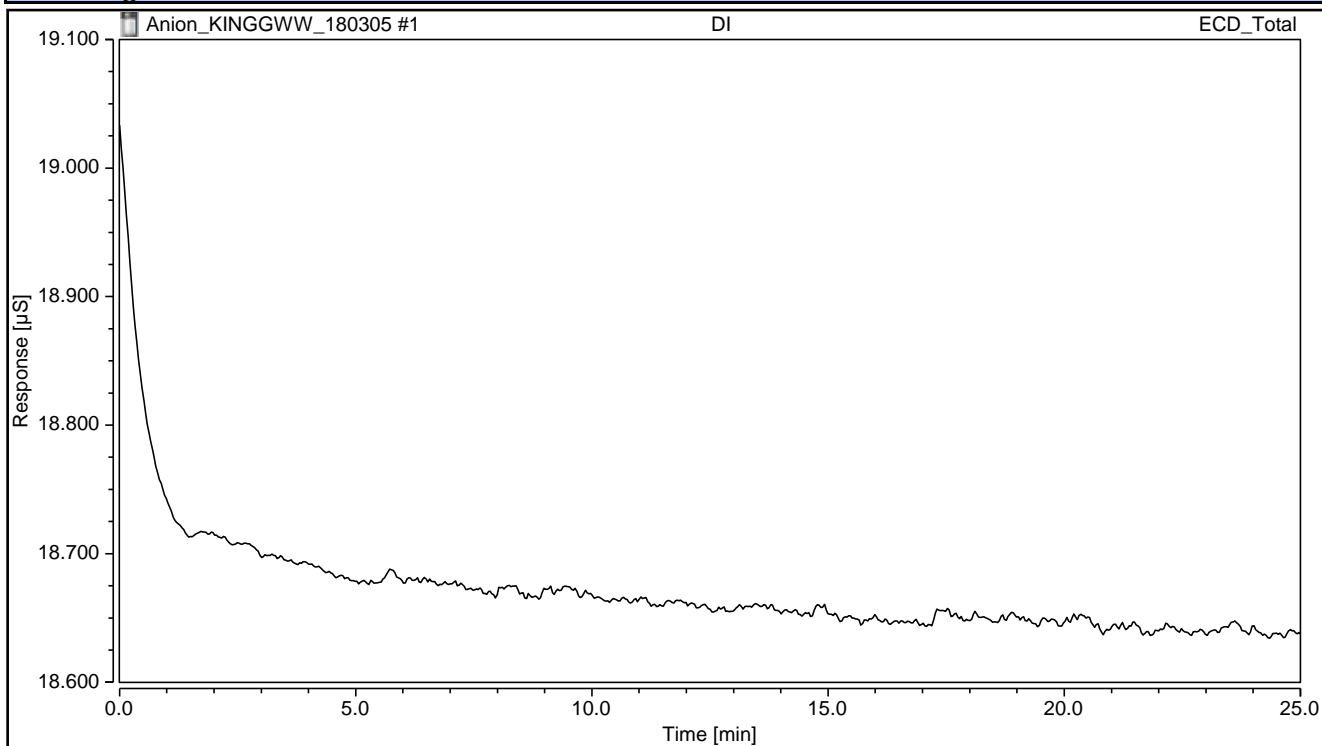
No.	Injection Name	Position	Type	Level	Inject Time	Status
1	DI	1	Blank		05/Mar/18 17:41:46	Finished
2	STD 1	2	Calibration Standard		05/Mar/18 18:08:08	Finished
3	STD 2	3	Calibration Standard		05/Mar/18 18:34:54	Finished
4	STD 3	4	Calibration Standard		05/Mar/18 19:01:39	Finished
5	STD 4	5	Calibration Standard		05/Mar/18 19:28:24	Finished
6	STD 5	6	Calibration Standard		05/Mar/18 19:55:10	Finished
7	DI	7	Blank		05/Mar/18 20:21:56	Finished
8	KING_GWW1_18020	8	Unknown		05/Mar/18 20:48:42	Finished
9	KING_GWW1D_1802	9	Unknown		05/Mar/18 21:15:28	Finished
10	KING_GWW2_18020	10	Unknown		05/Mar/18 21:42:13	Finished
11	KING_GWW3_18020	11	Unknown		05/Mar/18 22:08:59	Finished
12	KING_GWW4_18020	12	Unknown		05/Mar/18 22:35:45	Finished
13	KING_GWW5_18020	13	Unknown		05/Mar/18 23:02:31	Finished
14	KING_GWW6_18020	14	Unknown		05/Mar/18 23:29:17	Finished
15	KING_GWW7_18020	15	Unknown		05/Mar/18 23:56:03	Finished
16	KING_GWW8_18020	16	Unknown		06/Mar/18 00:22:48	Finished
17	STD 4	17	Unknown		06/Mar/18 00:49:36	Finished
18	KING_GWW1_18030	18	Unknown		06/Mar/18 01:16:22	Finished
19	KING_GWW2_18030	19	Unknown		06/Mar/18 01:43:08	Finished
20	KING_GWW3_18030	20	Unknown		06/Mar/18 02:09:54	Finished
21	KING_GWW4_18030	21	Unknown		06/Mar/18 02:36:40	Finished
22	KING_GWW4D_1803	22	Unknown		06/Mar/18 03:03:25	Finished
23	KING_GWW5_18030	23	Unknown		06/Mar/18 03:30:11	Finished
24	KING_GWW6_18030	24	Unknown		06/Mar/18 03:56:57	Finished
25	KING_GWW7_18030	25	Unknown		06/Mar/18 04:23:43	Finished
26	KING_GWW8_18030	26	Unknown		06/Mar/18 04:50:28	Finished
27	STD4	27	Unknown		06/Mar/18 05:17:15	Finished
28	DI	28	Blank		06/Mar/18 05:44:01	Finished

Chromatogram and Results

Injection Details

Injection Name:	DI	Run Time (min):	25.00
Vial Number:	1	Injection Volume:	25.00
Injection Type:	Blank	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 17:41	Sample Weight:	1.0000

Chromatogram



Integration Results

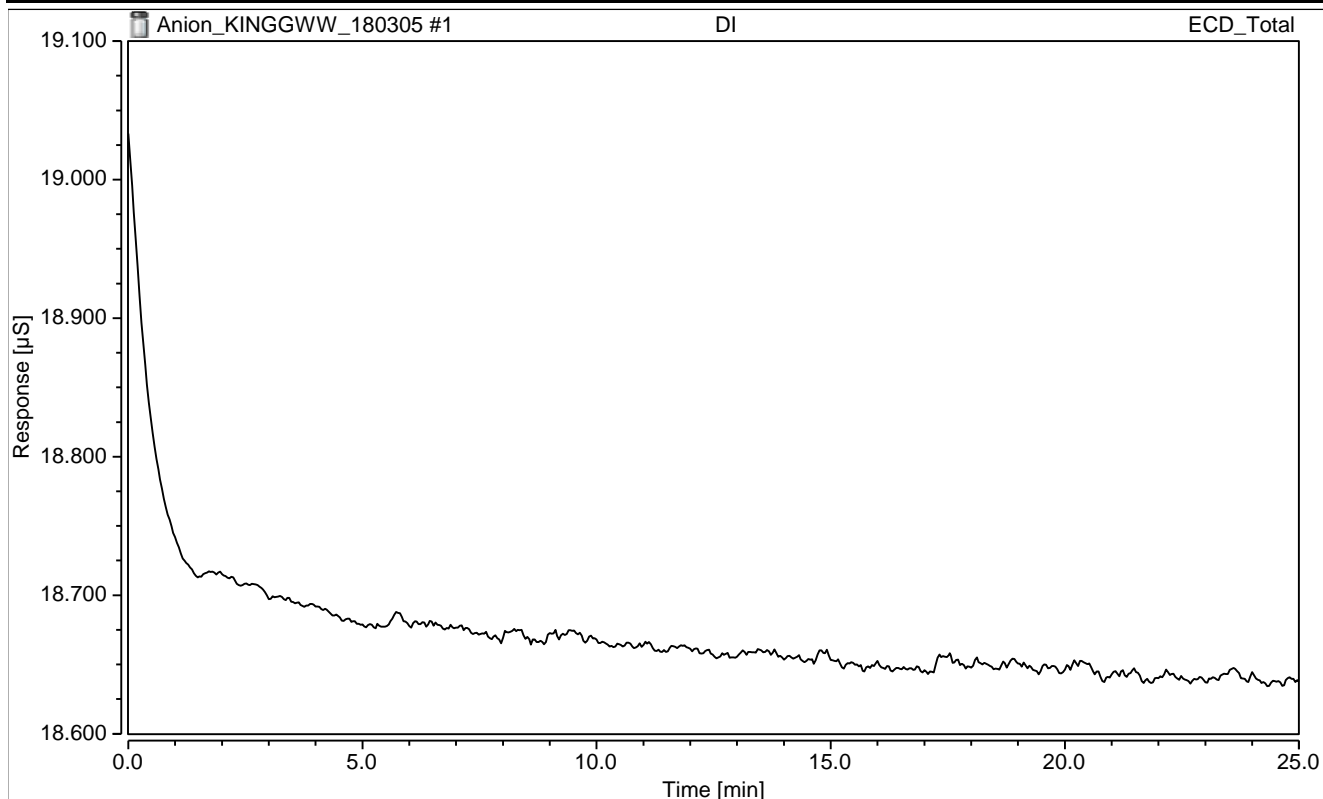
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.00	

Chromatogram and SST Results

Injection Details

Injection Name:	DI	Run Time (min):	25.00
Vial Number:	1	Injection Volume:	25.00
Injection Type:	Blank	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 17:41	Sample Weight:	1.0000

Chromatogram



SST Results

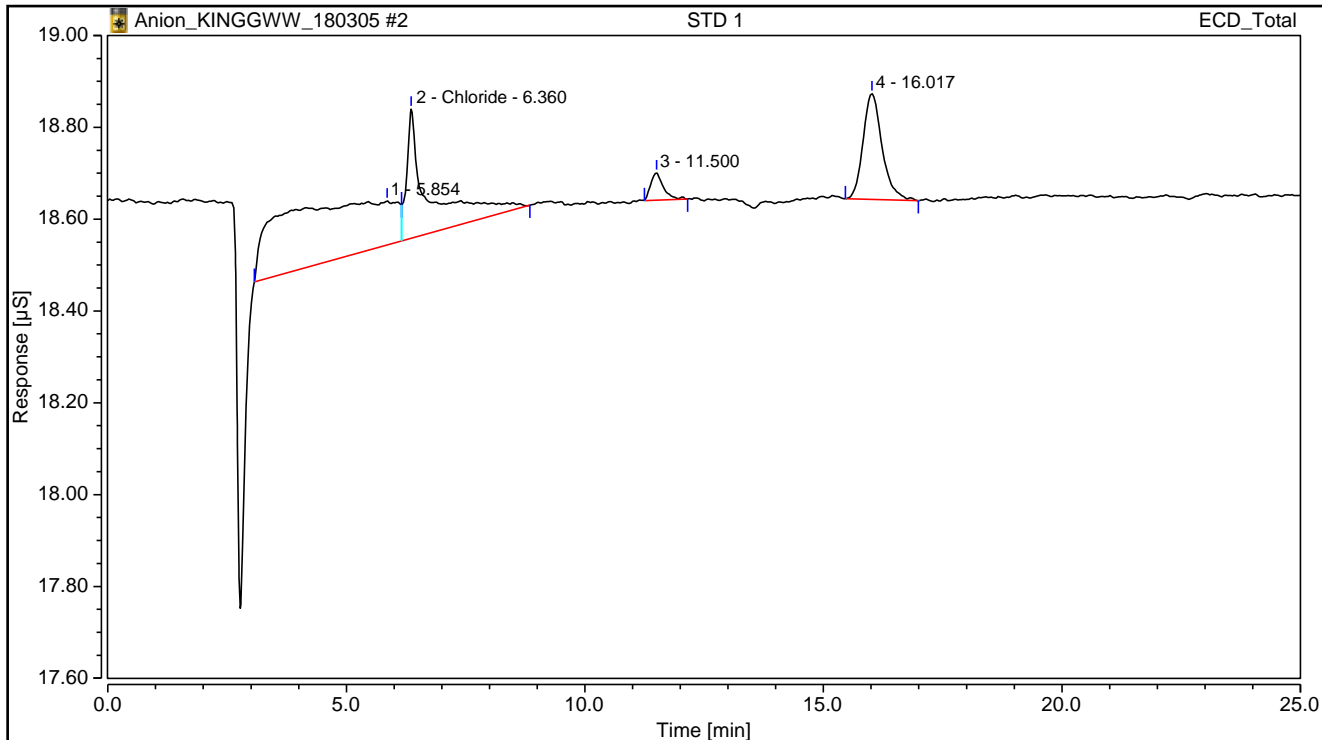
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	STD 1	Run Time (min):	25.00
Vial Number:	2	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 18:08	Sample Weight:	1.0000

Chromatogram



Integration Results

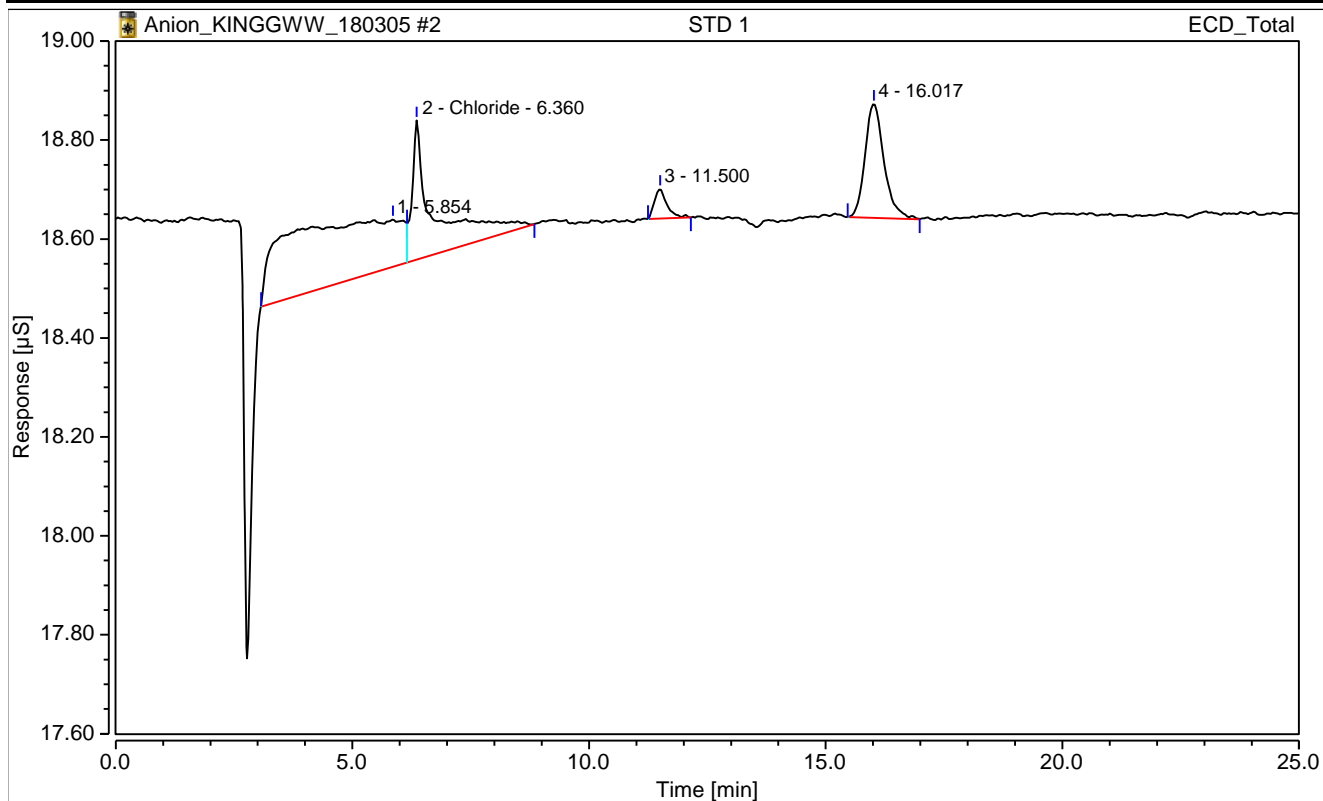
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		5.854	0.340	0.096	54.84	14.36	n.a.
2	Chloride	6.360	0.154	0.281	24.84	42.13	n.a.
3		11.500	0.019	0.060	3.00	9.01	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		16.017	0.107	0.230	17.32	34.51	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.620	0.668	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	STD 1	Run Time (min):	25.00
Vial Number:	2	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 18:08	Sample Weight:	1.0000

Chromatogram



SST Results

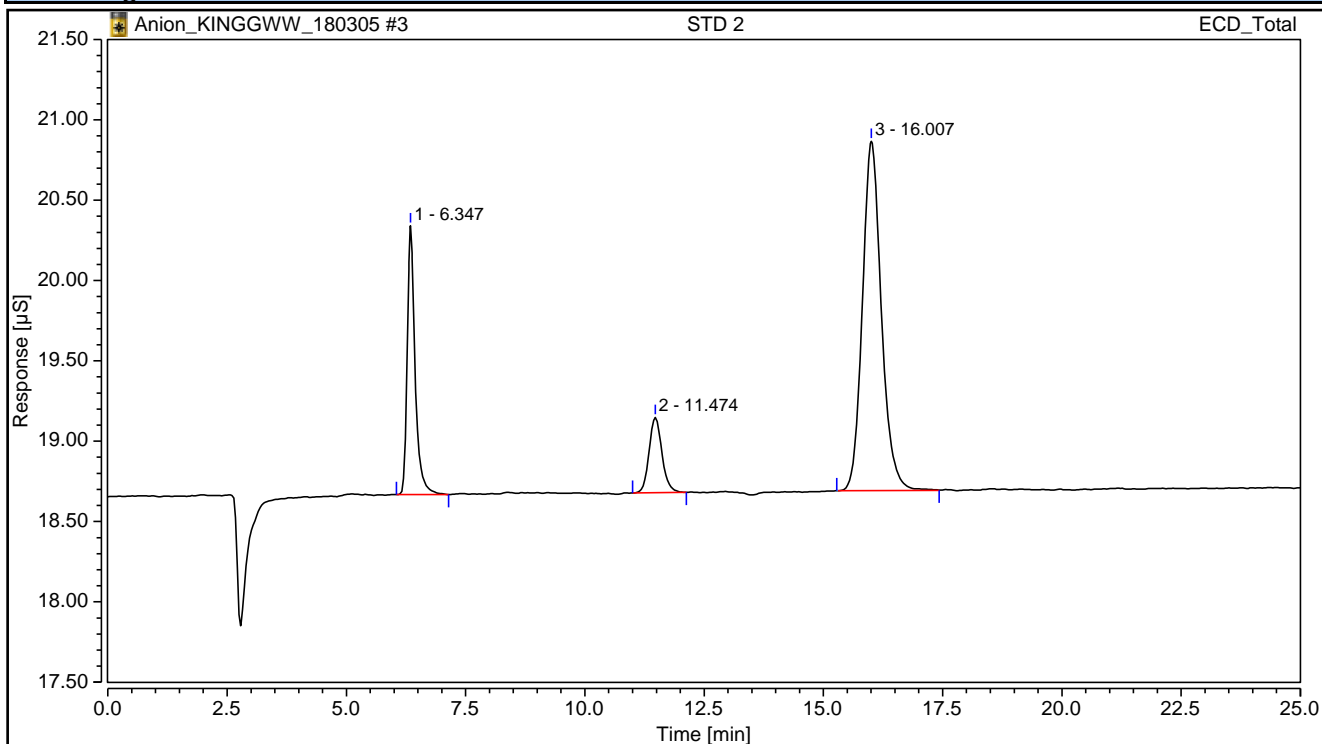
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	STD 2	Run Time (min):	25.00
Vial Number:	3	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 18:34	Sample Weight:	1.0000

Chromatogram



Integration Results

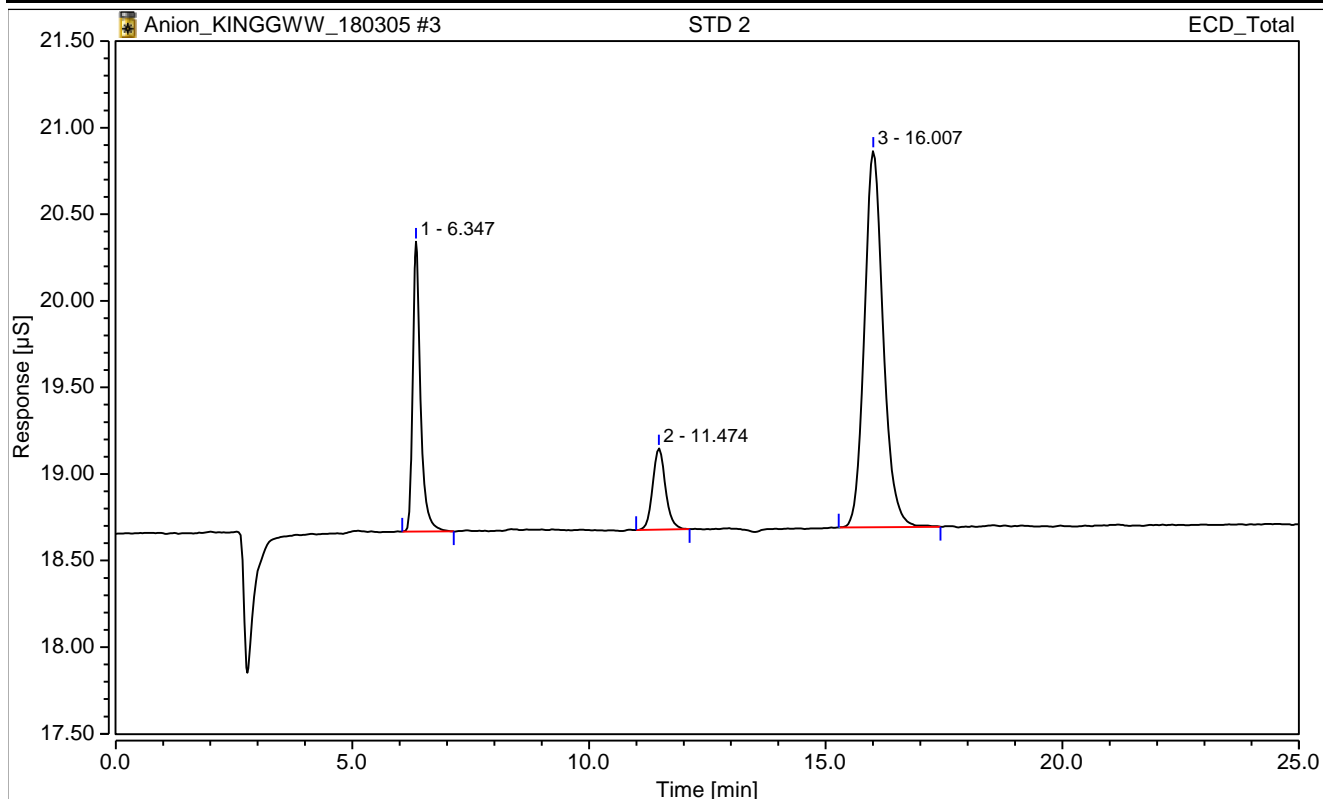
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		6.347	0.320	1.673	21.79	38.76	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2		11.474	0.148	0.470	10.03	10.88	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		16.007	1.002	2.174	68.17	50.36	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			1.470	4.316	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	STD 2	Run Time (min):	25.00
Vial Number:	3	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 18:34	Sample Weight:	1.0000

Chromatogram



SST Results

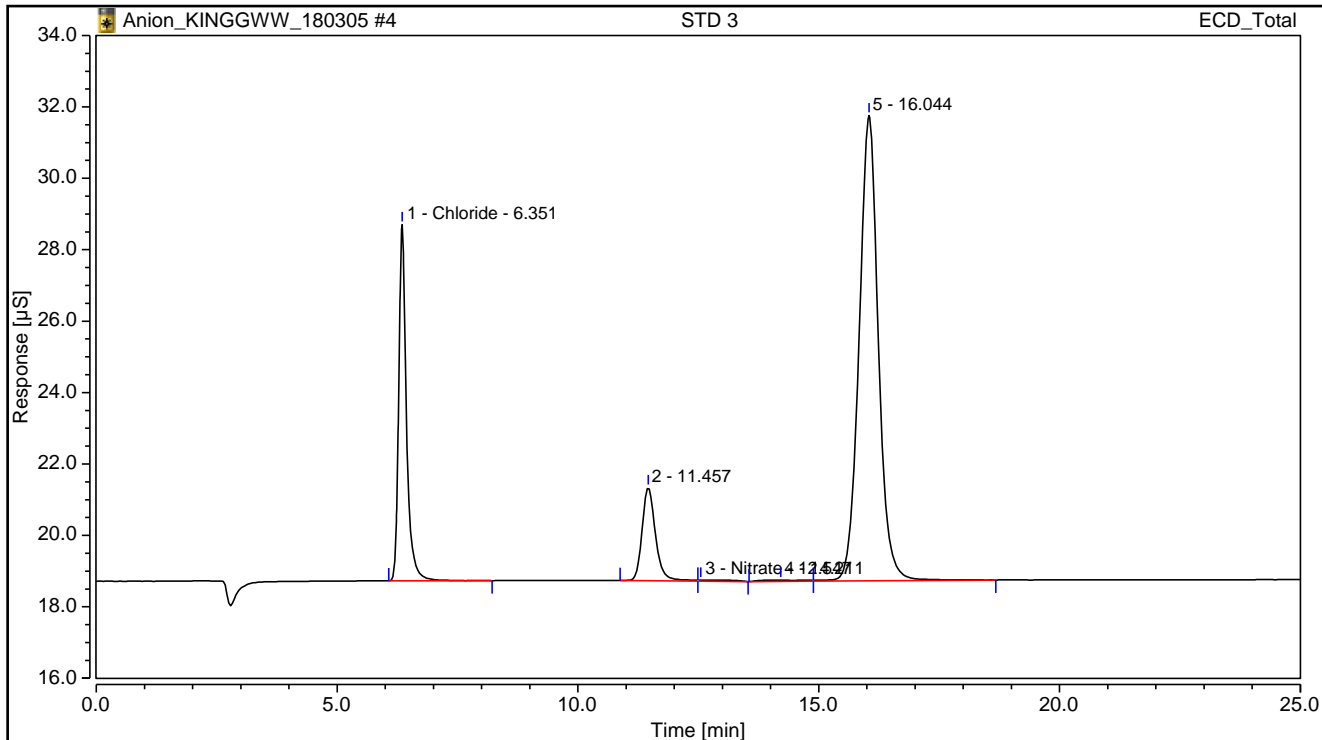
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	STD 3	Run Time (min):	25.00
Vial Number:	4	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 19:01	Sample Weight:	1.0000

Chromatogram



Integration Results

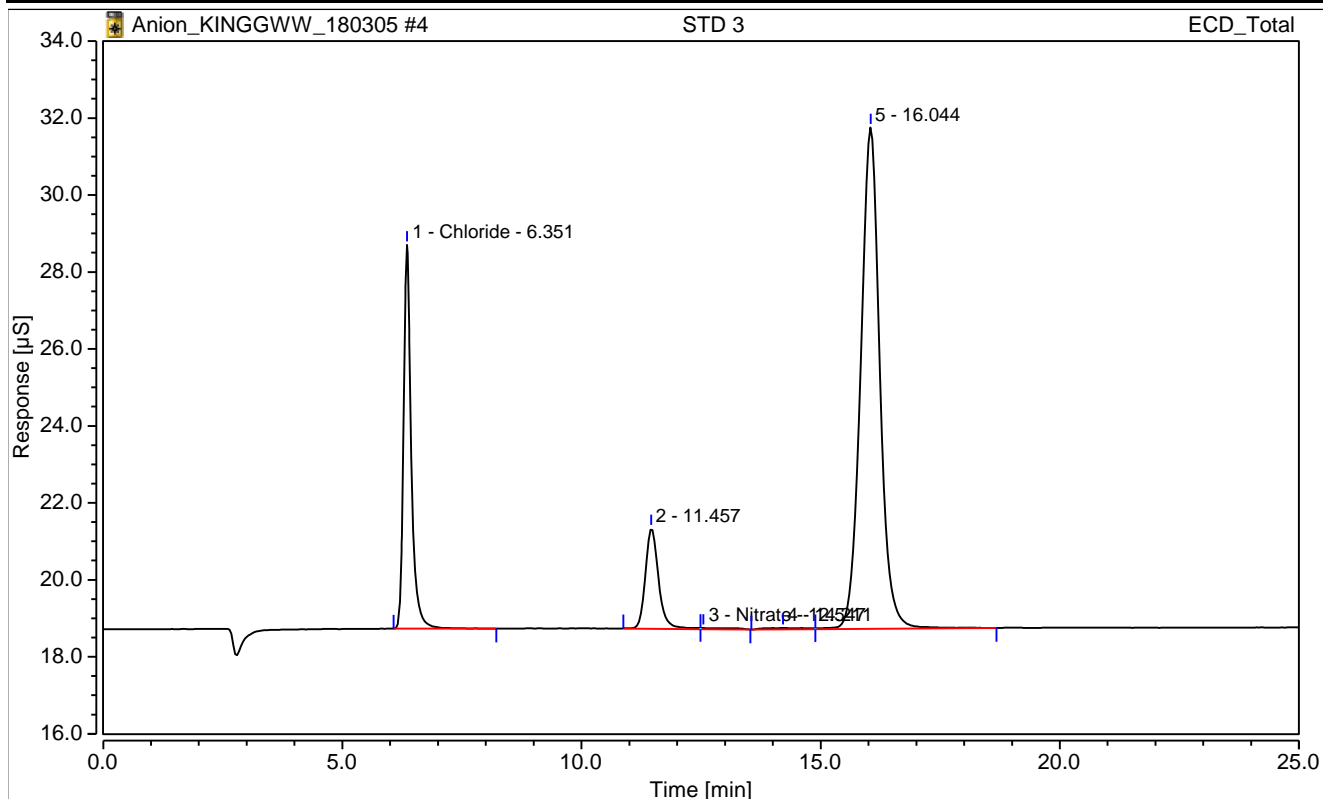
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1	Chloride	6.351	1.851	9.975	21.05	38.85	n.a.
2		11.457	0.840	2.607	9.55	10.15	n.a.
3	Nitrate	12.547	0.029	0.031	0.33	0.12	n.a.
4		14.211	0.039	0.037	0.45	0.14	n.a.
5		16.044	6.035	13.028	68.62	50.74	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			8.794	25.678	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	STD 3	Run Time (min):	25.00
Vial Number:	4	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 19:01	Sample Weight:	1.0000

Chromatogram



SST Results

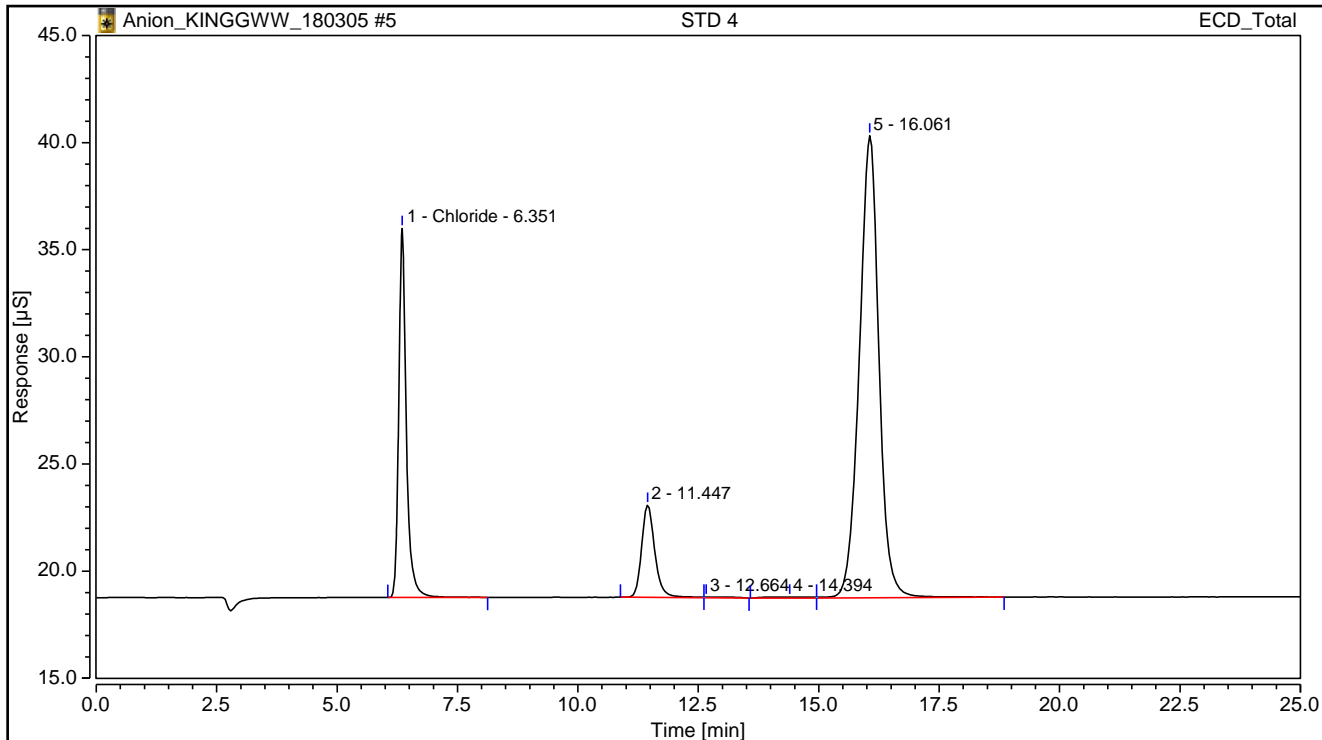
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	STD 4	Run Time (min):	25.00
Vial Number:	5	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 19:28	Sample Weight:	1.0000

Chromatogram



Integration Results

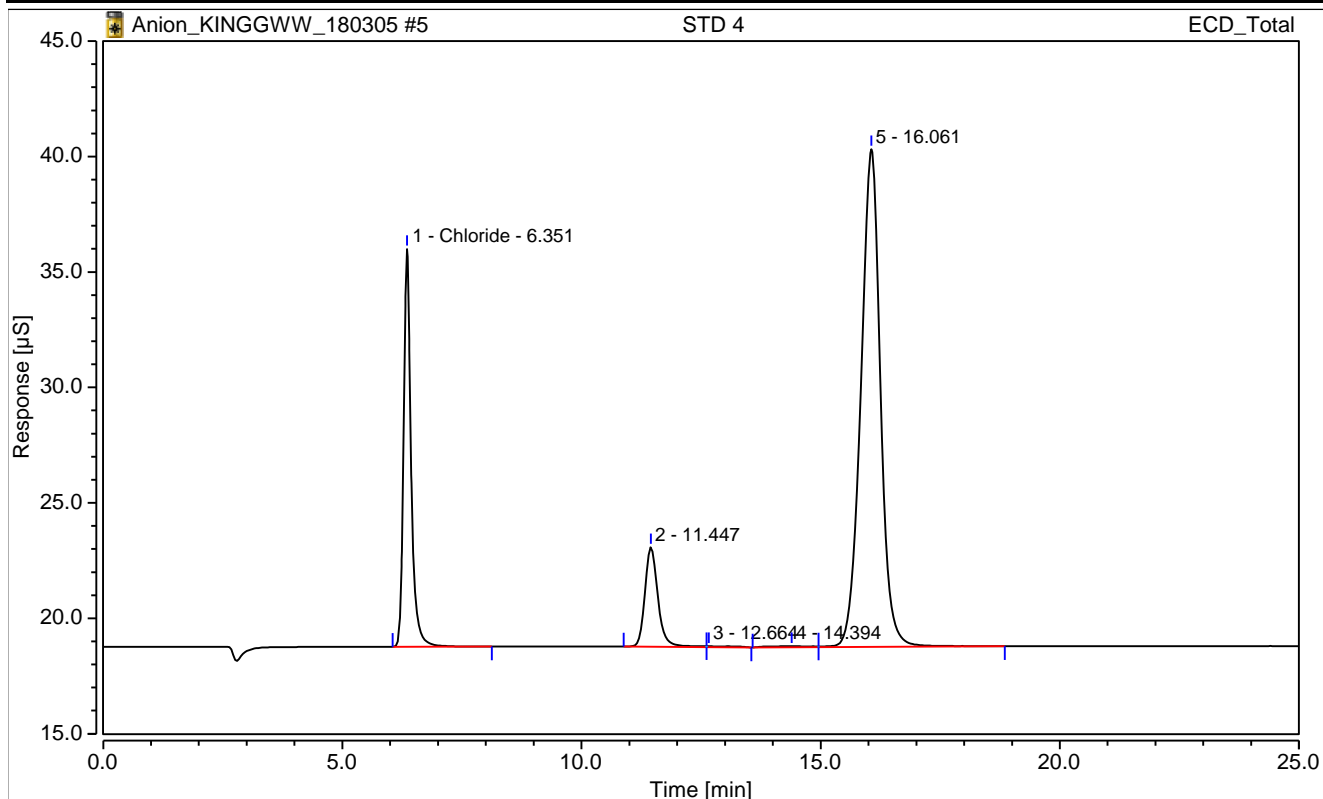
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1	Chloride	6.351	3.121	17.220	21.16	39.89	n.a.
2		11.447	1.369	4.305	9.28	9.97	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		12.664	0.031	0.037	0.21	0.09	n.a.
4		14.394	0.052	0.045	0.35	0.10	n.a.
5		16.061	10.180	21.557	69.00	49.94	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			14.753	43.165	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	STD 4	Run Time (min):	25.00
Vial Number:	5	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 19:28	Sample Weight:	1.0000

Chromatogram



SST Results

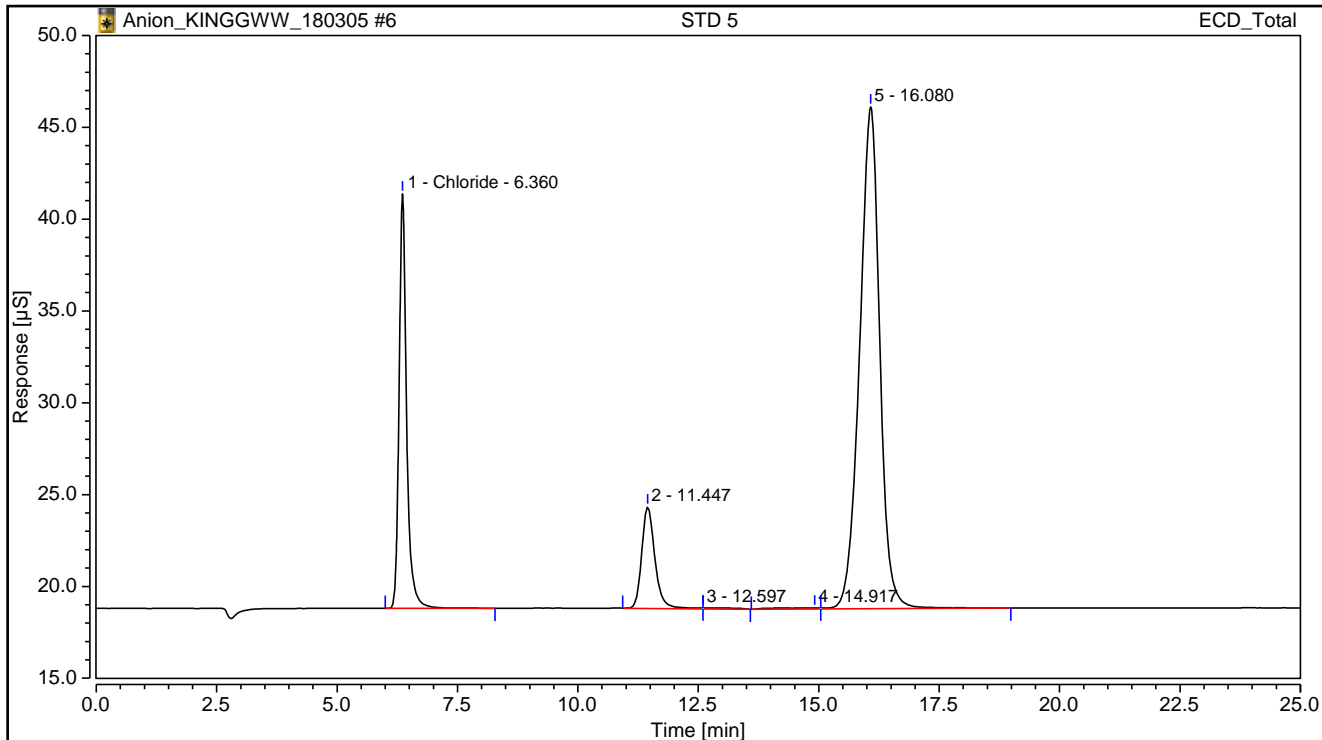
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	STD 5	Run Time (min):	25.00
Vial Number:	6	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 19:55	Sample Weight:	1.0000

Chromatogram

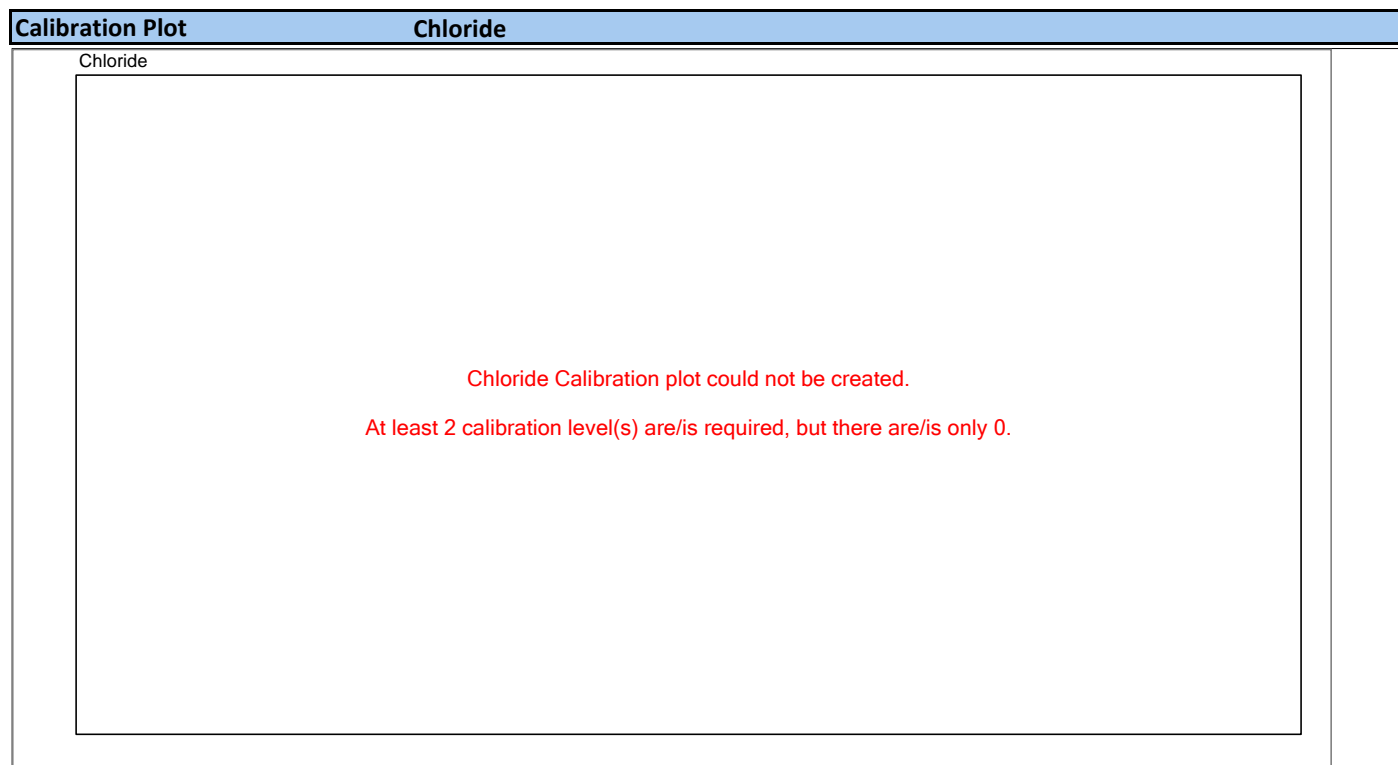


Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1	Chloride	6.360	4.051	22.565	21.22	40.66	n.a.
2		11.447	1.743	5.522	9.13	9.95	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		12.597	0.039	0.043	0.20	0.08	n.a.
4		14.917	0.063	0.046	0.33	0.08	n.a.
5		16.080	13.195	27.324	69.11	49.23	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			19.091	55.500	100.00	100.00	

Calibration

Calibration Details		Chloride	
Calibration Type	Lin, WithOffset	Offset (C0)	n.a.
Evaluation Type	Area	Slope (C1)	n.a.
Number of Calibration Points	0	Curve (C2)	n.a.
Number of disabled Calibration Points	0	R-Square	n.a.



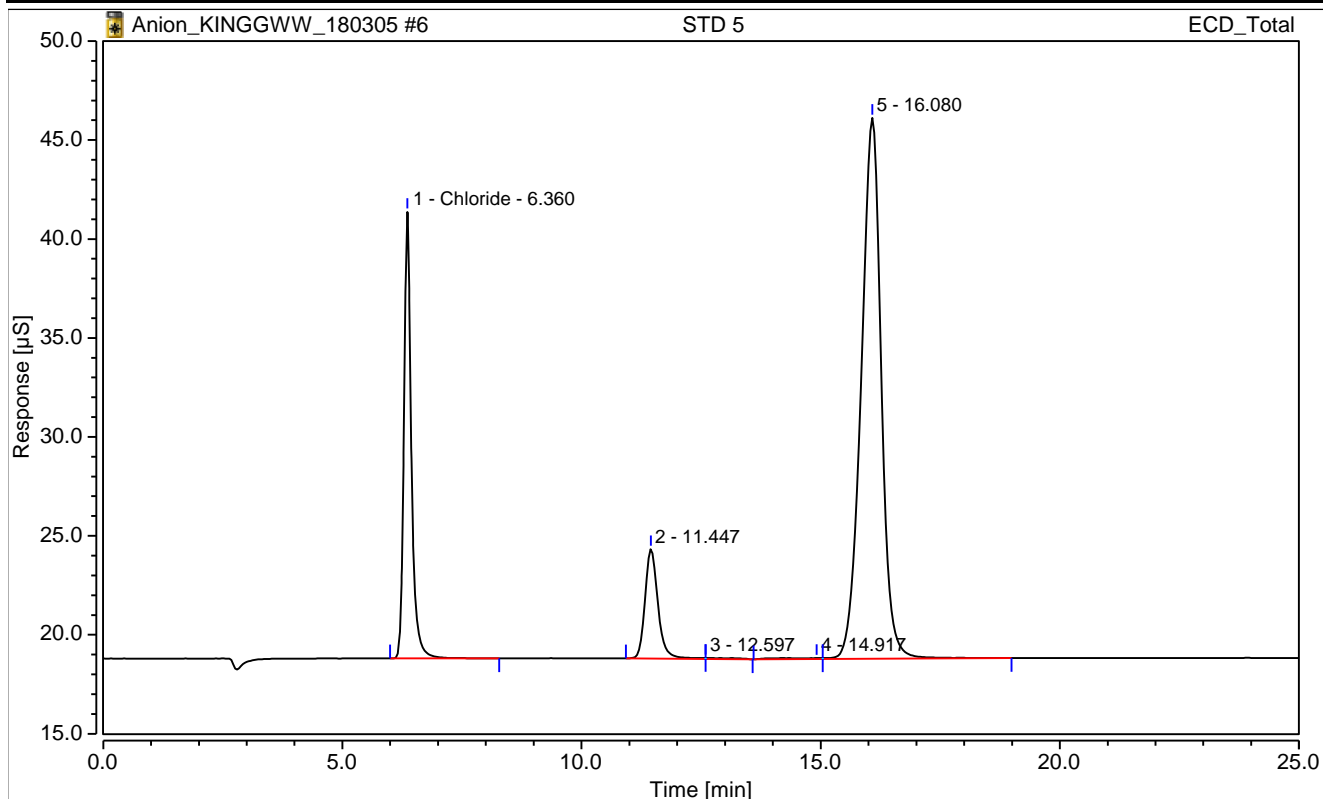
Calibration Results		Chloride					
No.	Injection Name	Calibration Level	X Value ECD_Total Chloride	Y Value ECD_Total Chloride	Y Value ECD_Total Chloride	Area μS*min ECD_Total Chloride	Height μS ECD_Total Chloride
2	STD 1		n.a.	n.a.	n.a.	0.154	0.281
3	STD 2		n.a.	n.a.	n.a.	n.a.	n.a.
4	STD 3		n.a.	n.a.	n.a.	1.851	9.975
5	STD 4		n.a.	n.a.	n.a.	3.121	17.220
6	STD 5		n.a.	n.a.	n.a.	4.051	22.565

Chromatogram and SST Results

Injection Details

Injection Name:	STD 5	Run Time (min):	25.00
Vial Number:	6	Injection Volume:	25.00
Injection Type:	Calibration Standard	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 19:55	Sample Weight:	1.0000

Chromatogram



SST Results

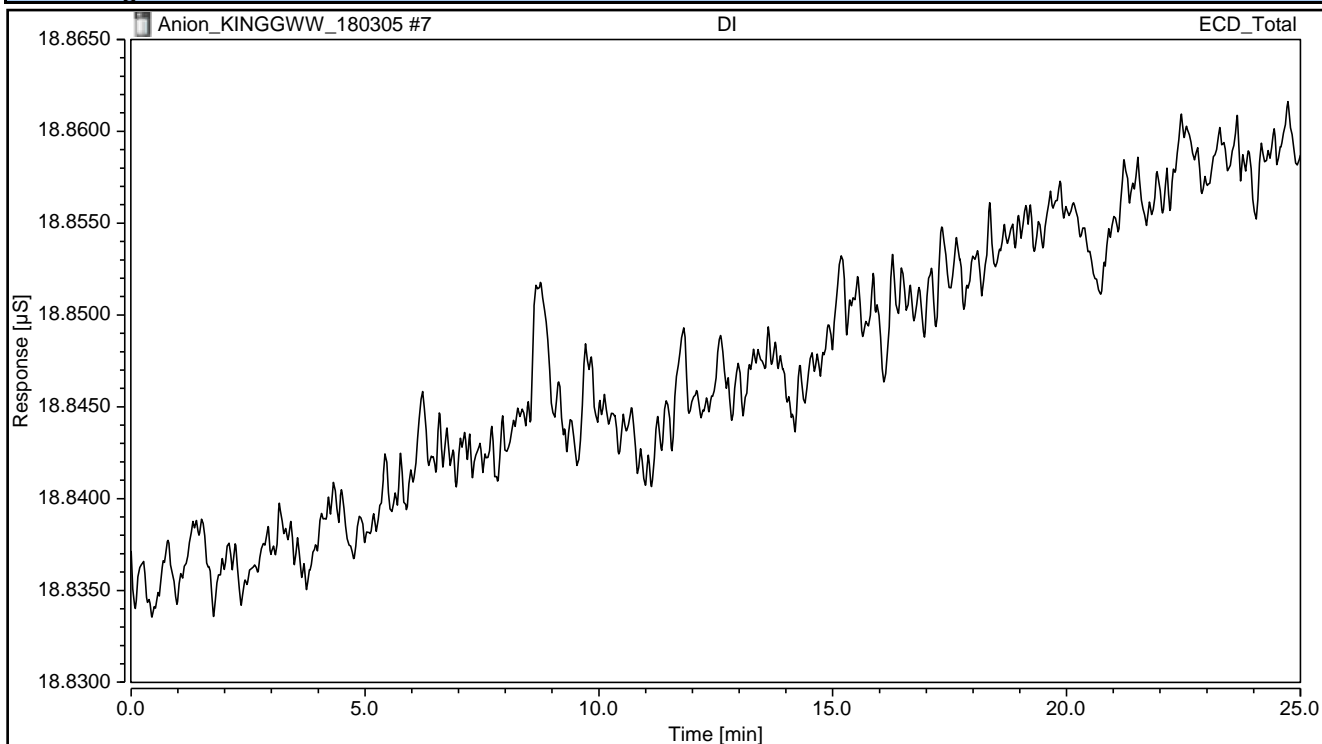
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	DI	Run Time (min):	25.00
Vial Number:	7	Injection Volume:	25.00
Injection Type:	Blank	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 20:21	Sample Weight:	1.0000

Chromatogram



Integration Results

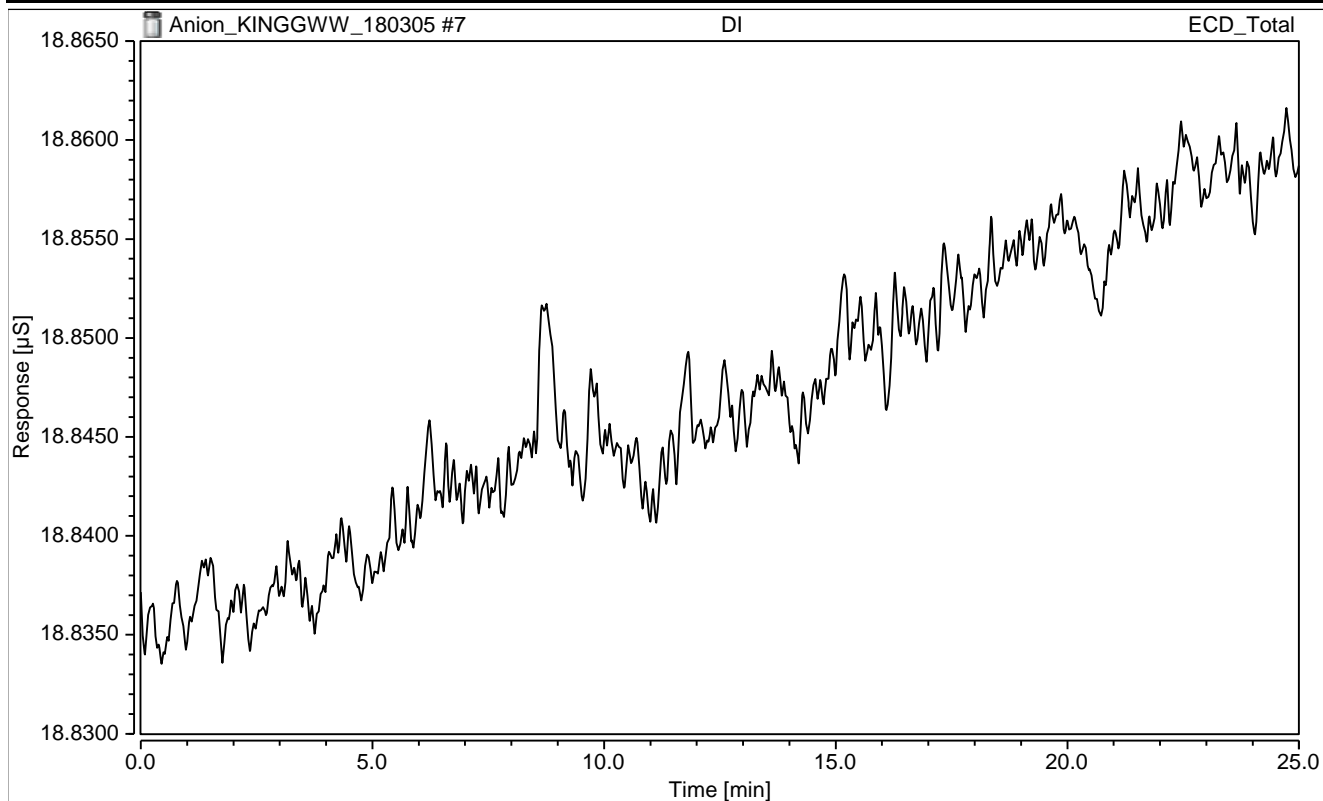
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.00	

Chromatogram and SST Results

Injection Details

Injection Name:	DI	Run Time (min):	25.00
Vial Number:	7	Injection Volume:	25.00
Injection Type:	Blank	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 20:21	Sample Weight:	1.0000

Chromatogram



SST Results

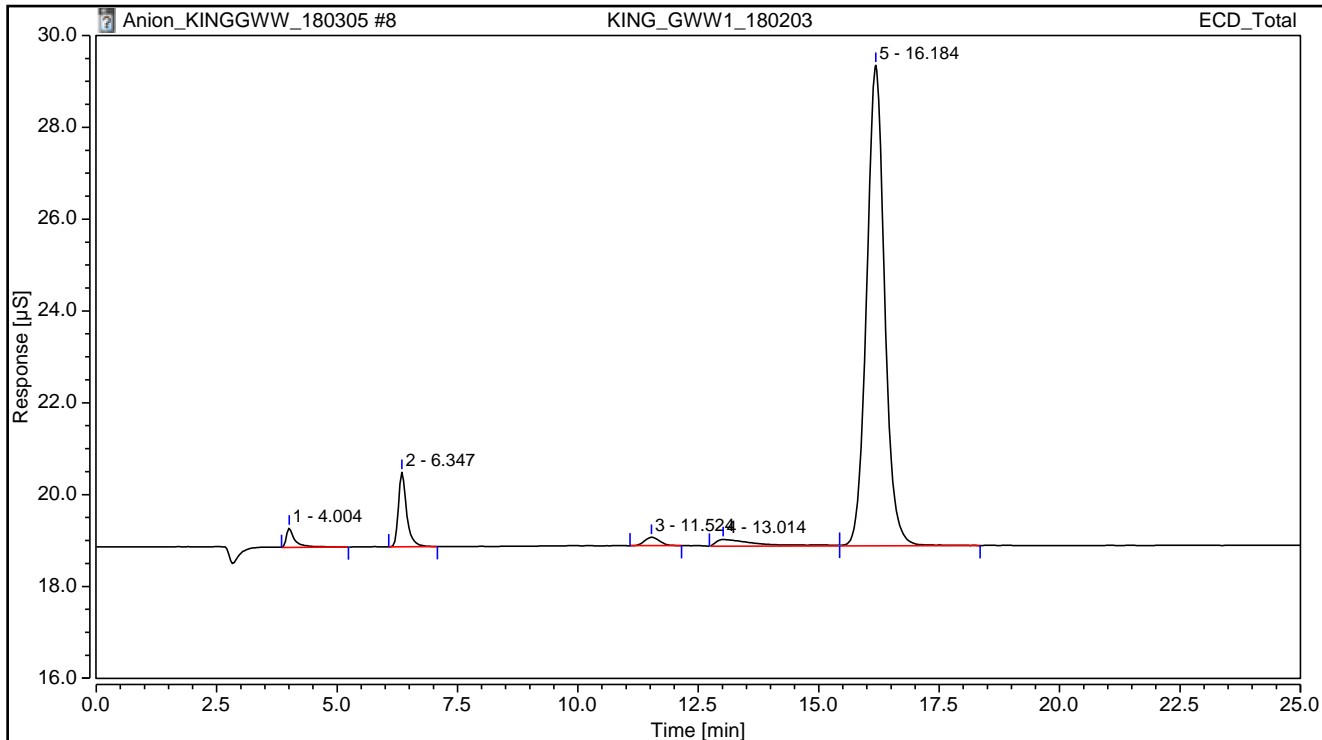
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW1_180203	Run Time (min):	25.00
Vial Number:	8	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 20:48	Sample Weight:	1.0000

Chromatogram



Integration Results

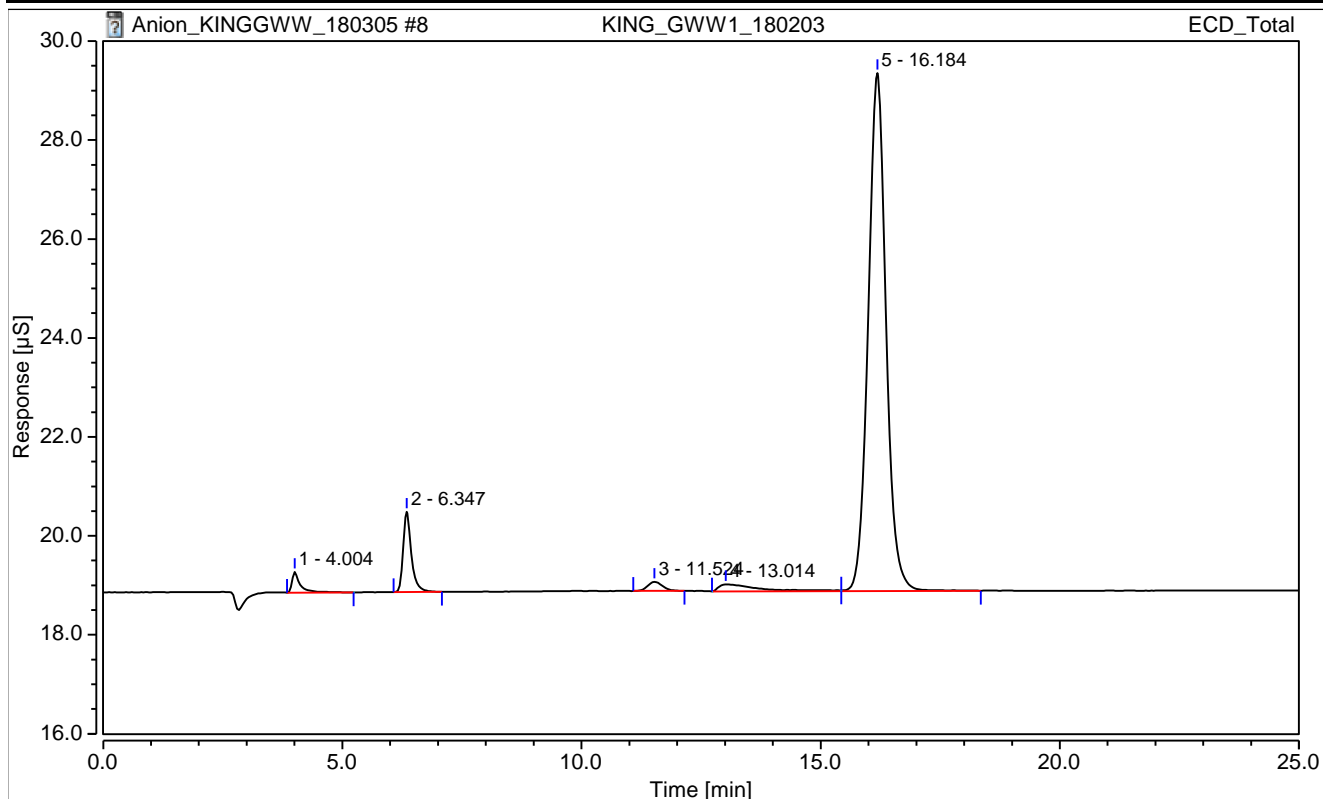
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.087	0.419	1.70	3.26	n.a.
2		6.347	0.322	1.622	6.28	12.63	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.524	0.067	0.185	1.30	1.44	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.014	0.144	0.147	2.81	1.15	n.a.
5		16.184	4.505	10.468	87.90	81.52	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.125	12.841	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW1_180203	Run Time (min):	25.00
Vial Number:	8	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 20:48	Sample Weight:	1.0000

Chromatogram



SST Results

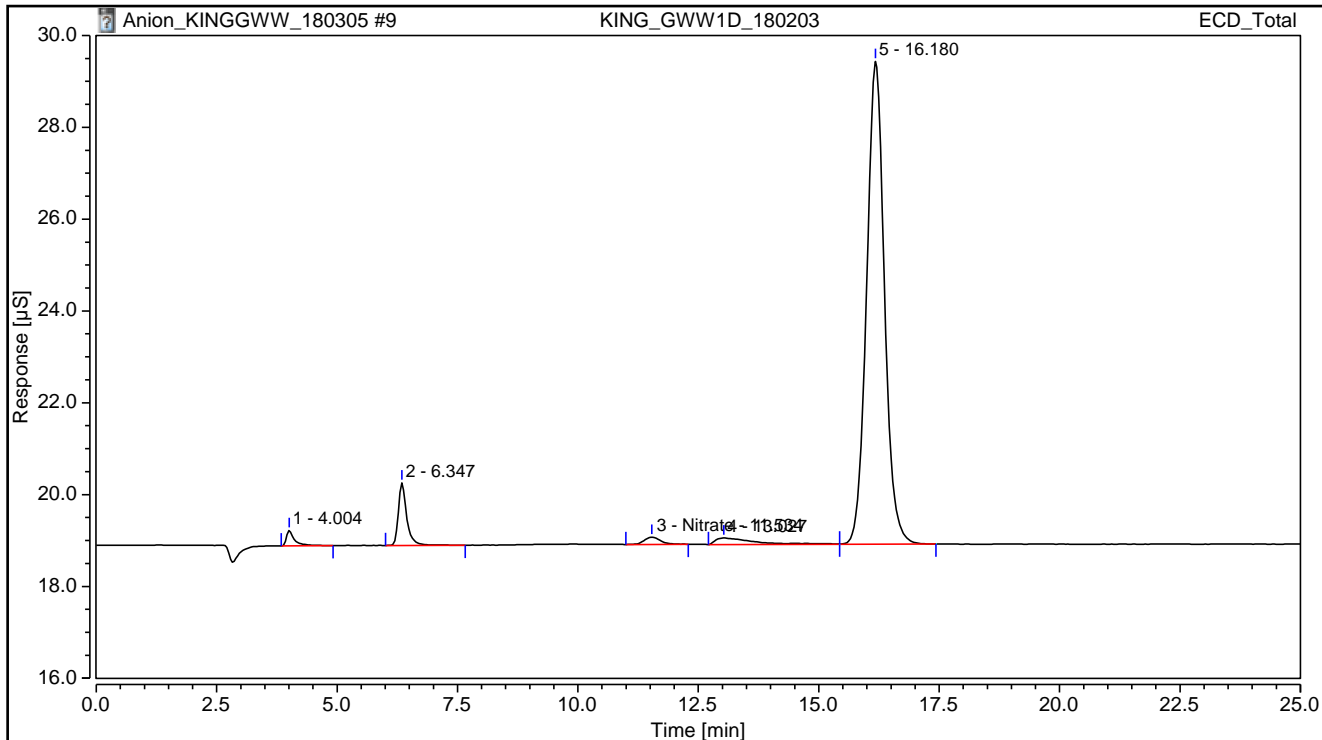
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW1D_180203	Run Time (min):	25.00
Vial Number:	9	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 21:15	Sample Weight:	1.0000

Chromatogram



Integration Results

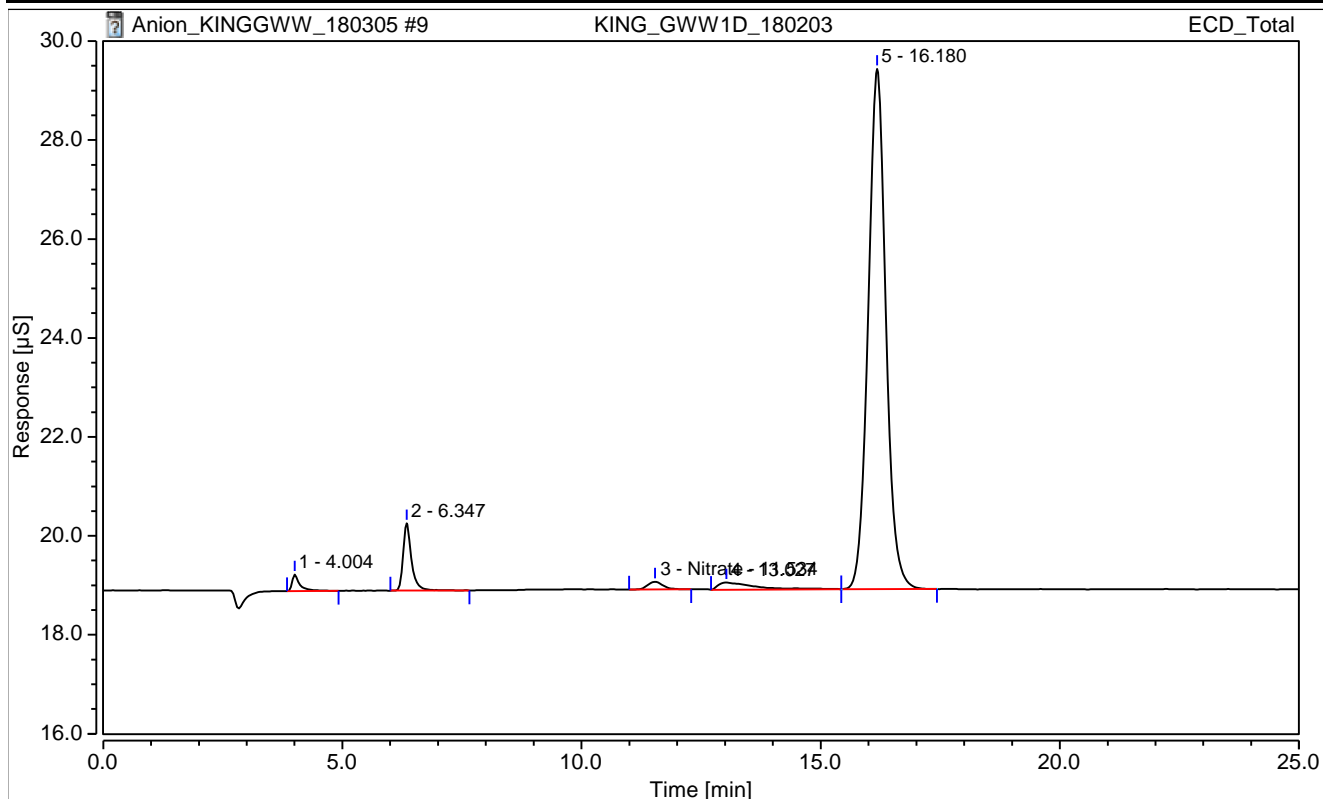
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.068	0.337	1.35	2.69	n.a.
2		6.347	0.275	1.362	5.47	10.88	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	Nitrate	11.534	0.061	0.159	1.21	1.27	n.a.
4		13.027	0.134	0.145	2.67	1.16	n.a.
5		16.180	4.493	10.517	89.30	84.01	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.031	12.519	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW1D_180203	Run Time (min):	25.00
Vial Number:	9	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 21:15	Sample Weight:	1.0000

Chromatogram



SST Results

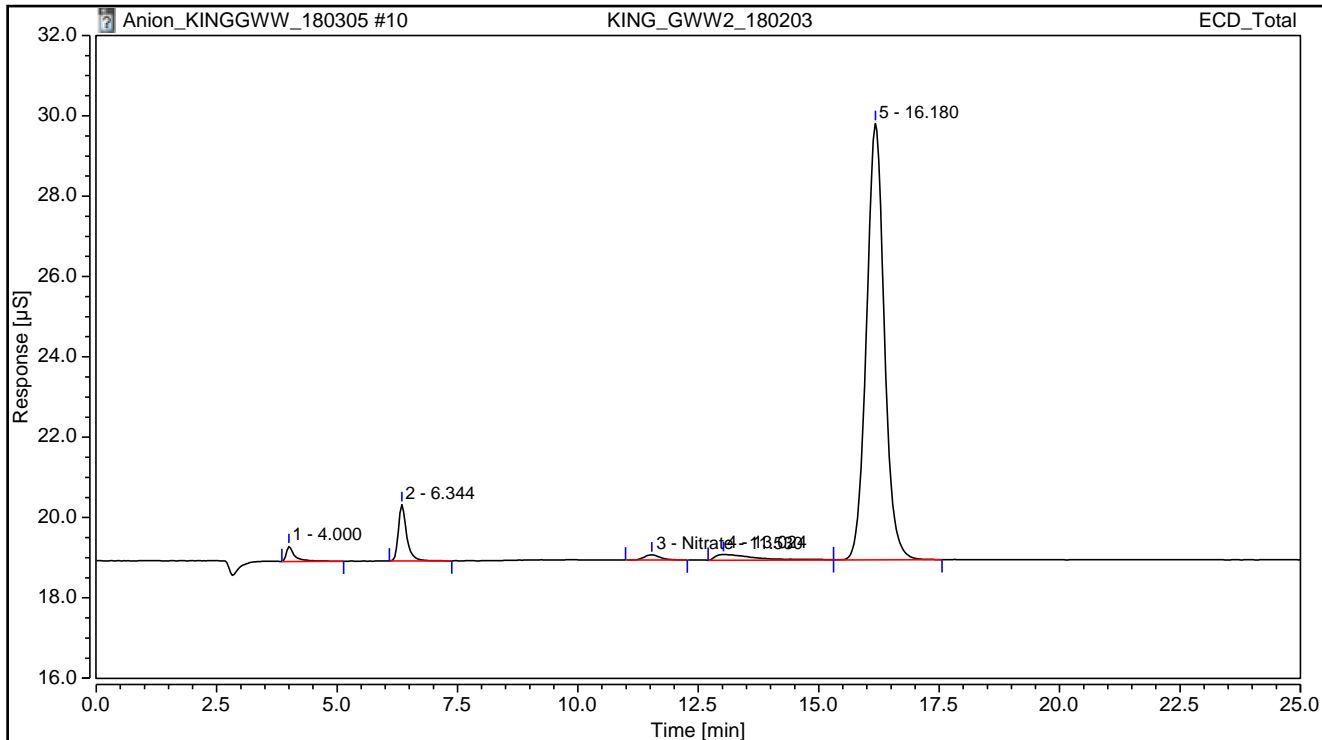
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW2_180203	Run Time (min):	25.00
Vial Number:	10	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 21:42	Sample Weight:	1.0000

Chromatogram



Integration Results

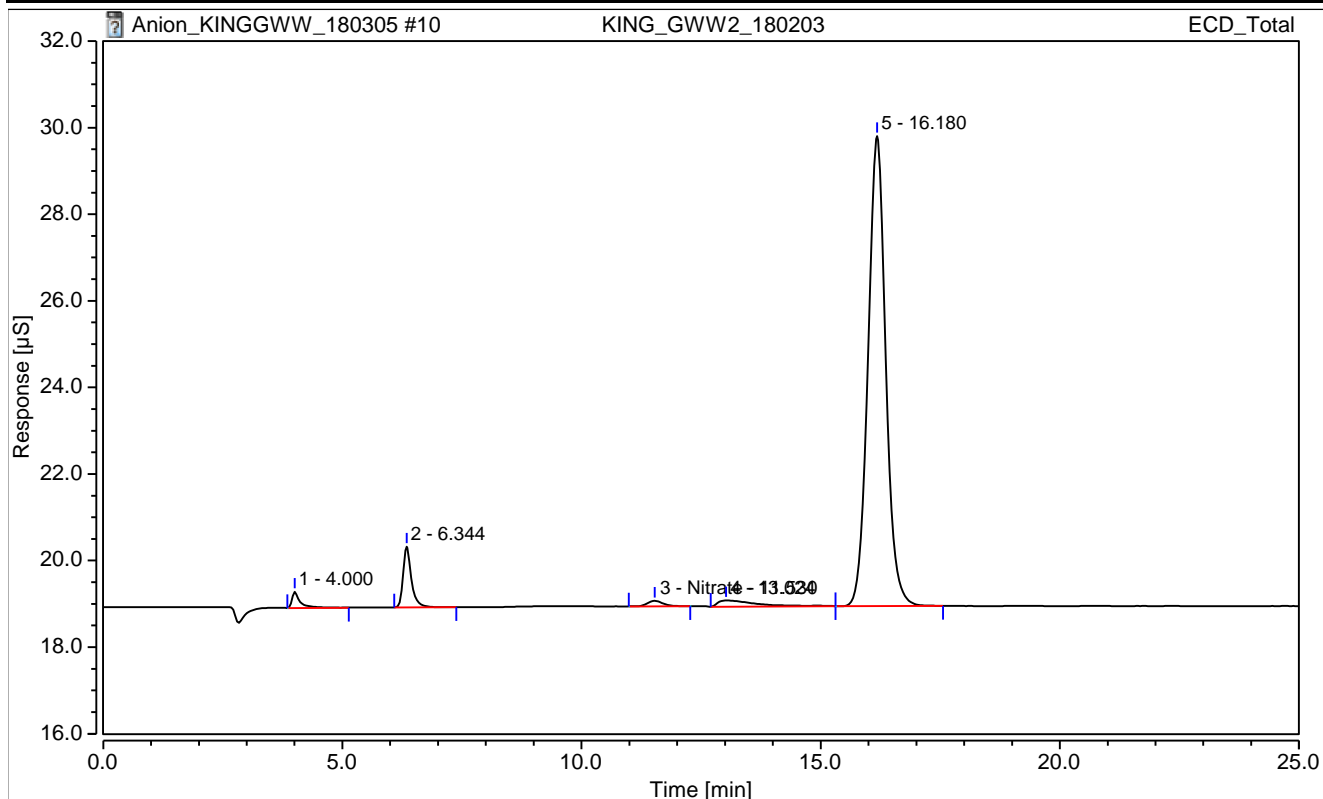
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.000	0.078	0.377	1.50	2.92	n.a.
2		6.344	0.281	1.404	5.42	10.87	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	Nitrate	11.530	0.049	0.127	0.95	0.98	n.a.
4		13.024	0.139	0.146	2.68	1.13	n.a.
5		16.180	4.643	10.859	89.45	84.09	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.191	12.913	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW2_180203	Run Time (min):	25.00
Vial Number:	10	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 21:42	Sample Weight:	1.0000

Chromatogram



SST Results

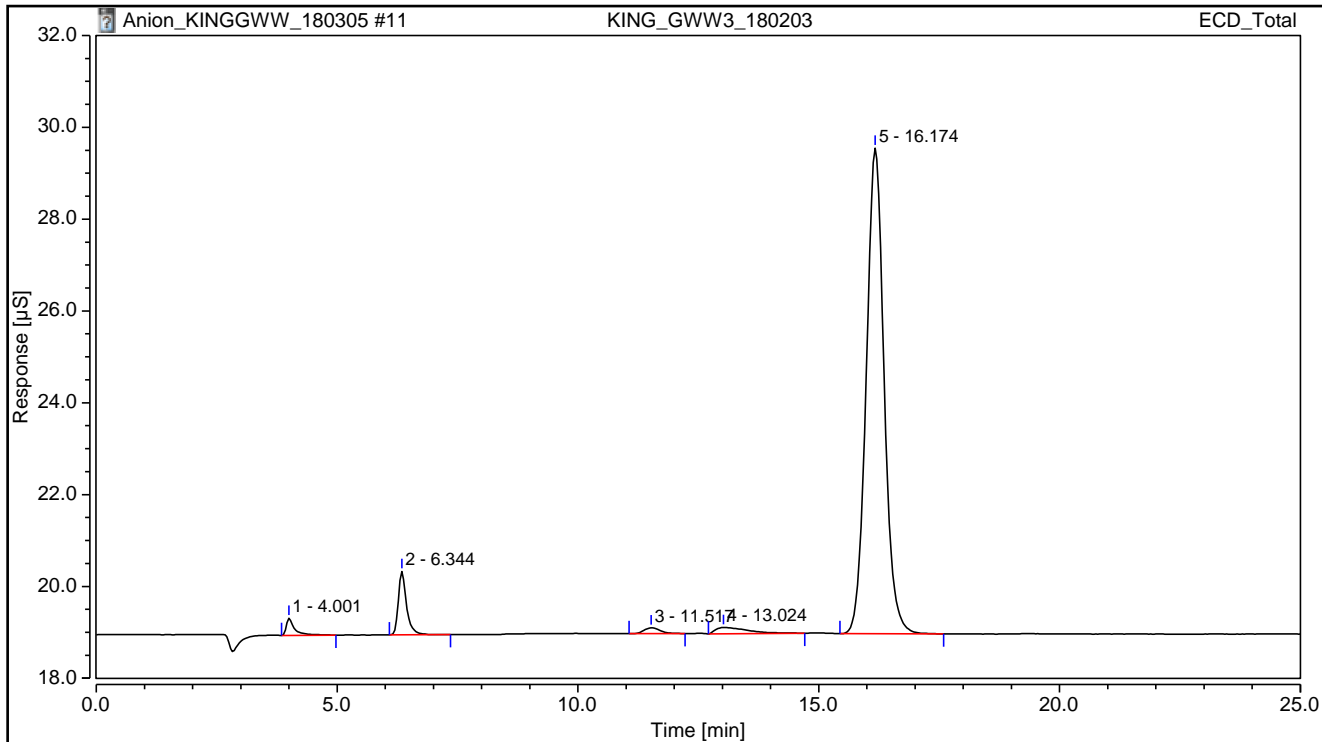
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW3_180203	Run Time (min):	25.00
Vial Number:	11	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 22:08	Sample Weight:	1.0000

Chromatogram



Integration Results

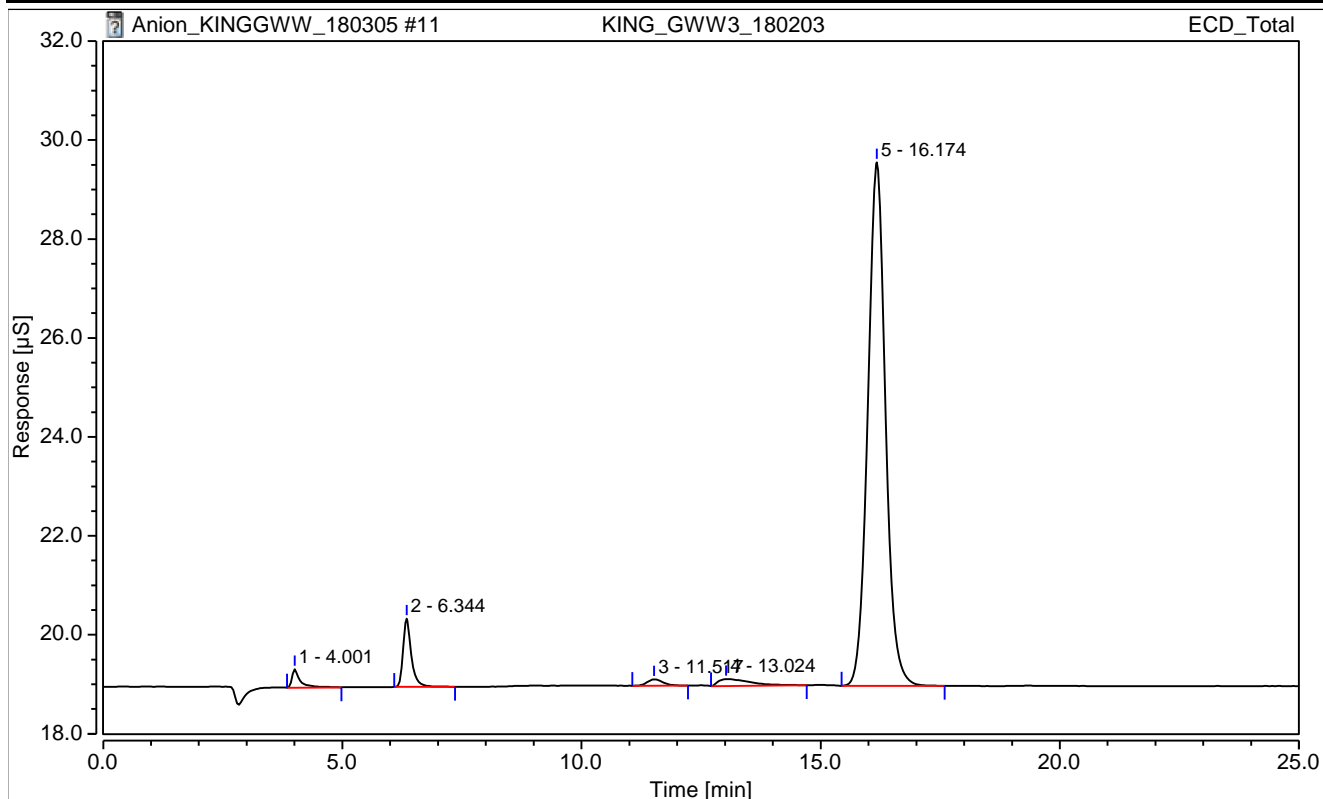
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.001	0.076	0.373	1.51	2.96	n.a.
2		6.344	0.275	1.379	5.46	10.94	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.517	0.050	0.128	0.99	1.02	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.024	0.111	0.140	2.20	1.11	n.a.
5		16.174	4.524	10.580	89.84	83.97	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.035	12.600	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW3_180203	Run Time (min):	25.00
Vial Number:	11	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 22:08	Sample Weight:	1.0000

Chromatogram



SST Results

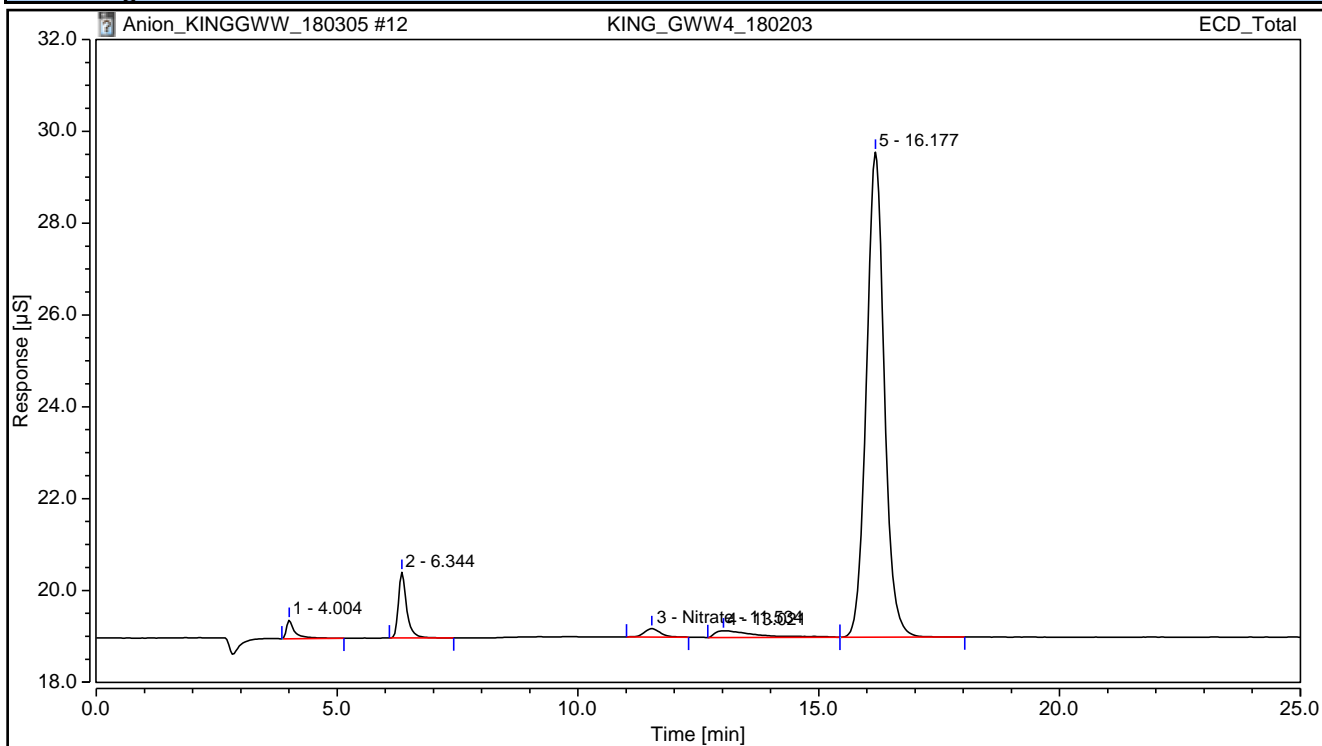
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW4_180203	Run Time (min):	25.00
Vial Number:	12	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 22:35	Sample Weight:	1.0000

Chromatogram



Integration Results

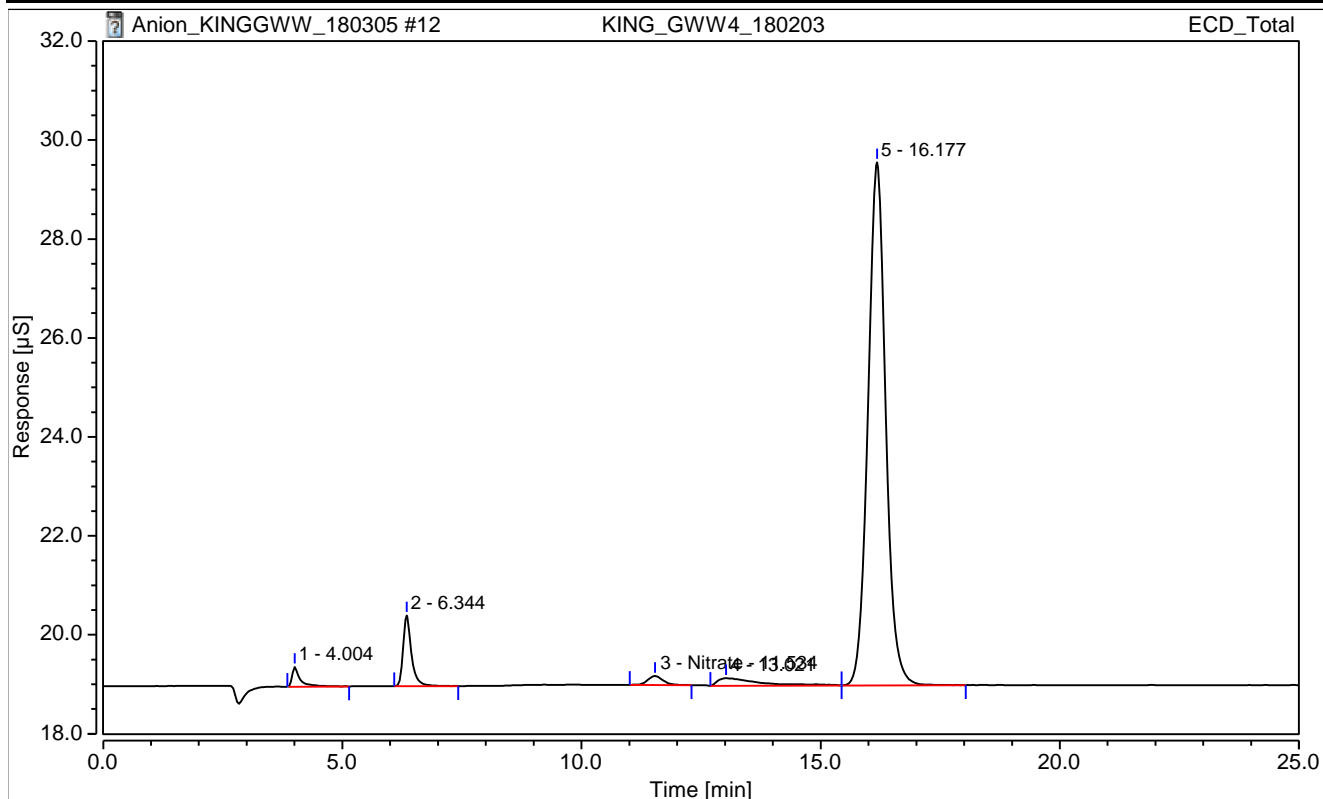
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.084	0.401	1.65	3.15	n.a.
2		6.344	0.287	1.430	5.61	11.23	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	Nitrate	11.534	0.070	0.181	1.36	1.42	n.a.
4		13.021	0.151	0.150	2.95	1.18	n.a.
5		16.177	4.521	10.569	88.44	83.02	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.112	12.731	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW4_180203	Run Time (min):	25.00
Vial Number:	12	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 22:35	Sample Weight:	1.0000

Chromatogram



SST Results

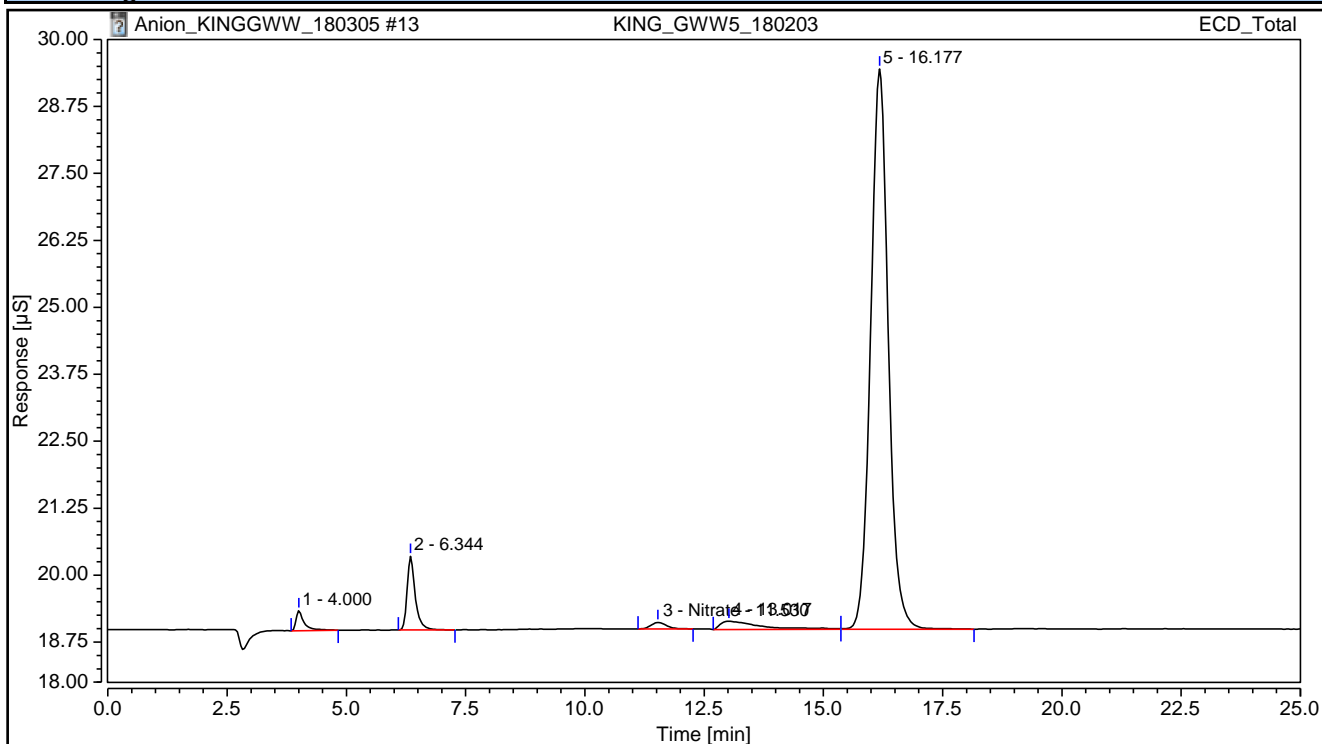
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW5_180203	Run Time (min):	25.00
Vial Number:	13	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 23:02	Sample Weight:	1.0000

Chromatogram



Integration Results

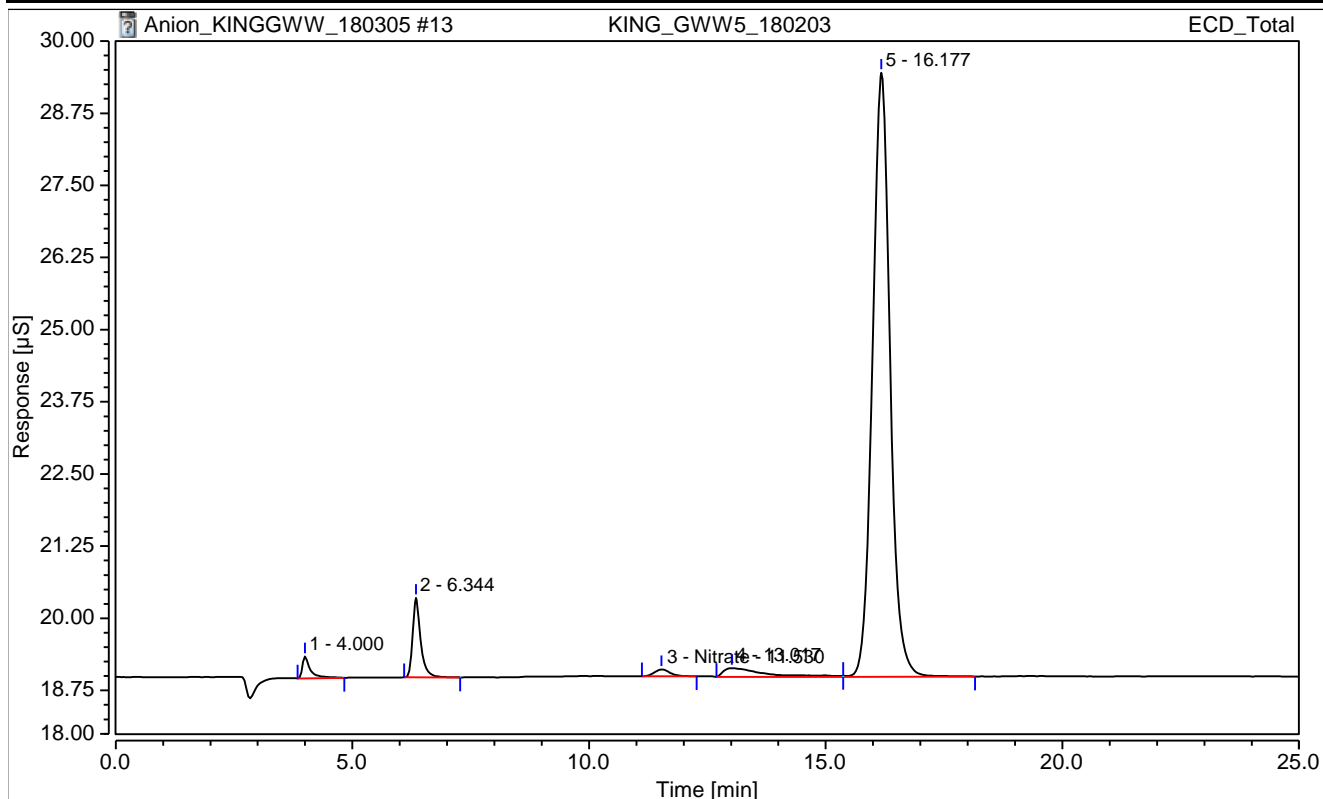
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.000	0.076	0.377	1.50	3.02	n.a.
2		6.344	0.275	1.377	5.46	11.02	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	Nitrate	11.530	0.046	0.120	0.91	0.96	n.a.
4		13.017	0.152	0.154	3.01	1.23	n.a.
5		16.177	4.492	10.463	89.12	83.76	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.040	12.491	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW5_180203	Run Time (min):	25.00
Vial Number:	13	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 23:02	Sample Weight:	1.0000

Chromatogram



SST Results

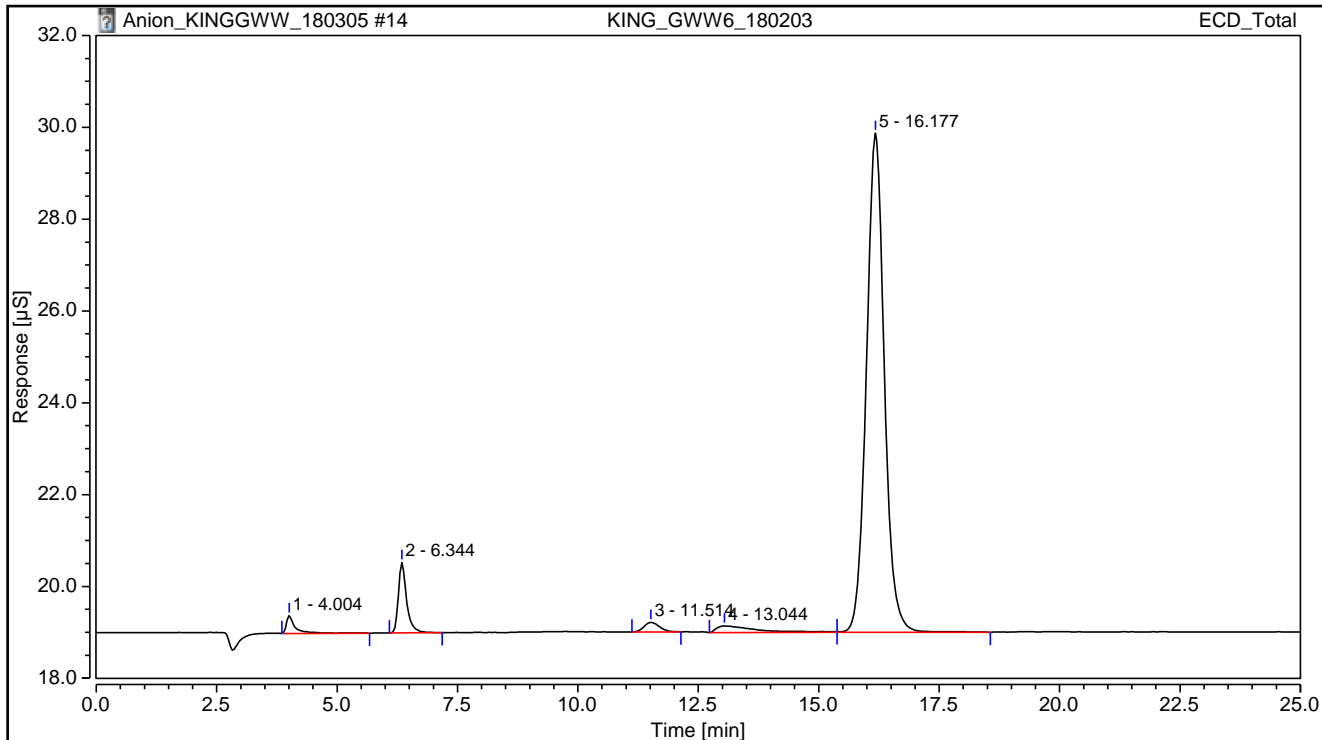
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW6_180203	Run Time (min):	25.00
Vial Number:	14	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 23:29	Sample Weight:	1.0000

Chromatogram



Integration Results

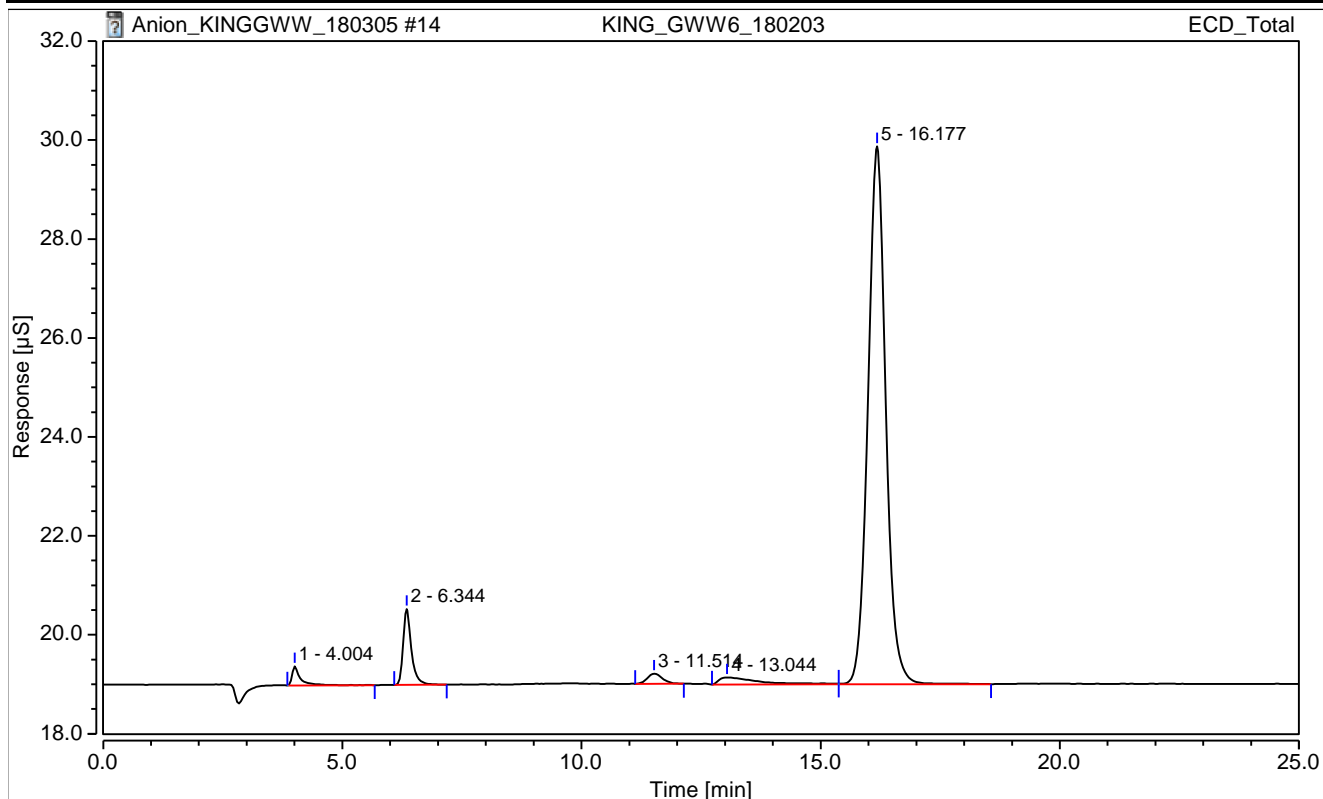
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.084	0.389	1.59	2.96	n.a.
2		6.344	0.306	1.535	5.80	11.68	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.514	0.076	0.207	1.44	1.57	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.044	0.141	0.142	2.67	1.08	n.a.
5		16.177	4.675	10.871	88.51	82.71	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.282	13.143	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW6_180203	Run Time (min):	25.00
Vial Number:	14	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 23:29	Sample Weight:	1.0000

Chromatogram



SST Results

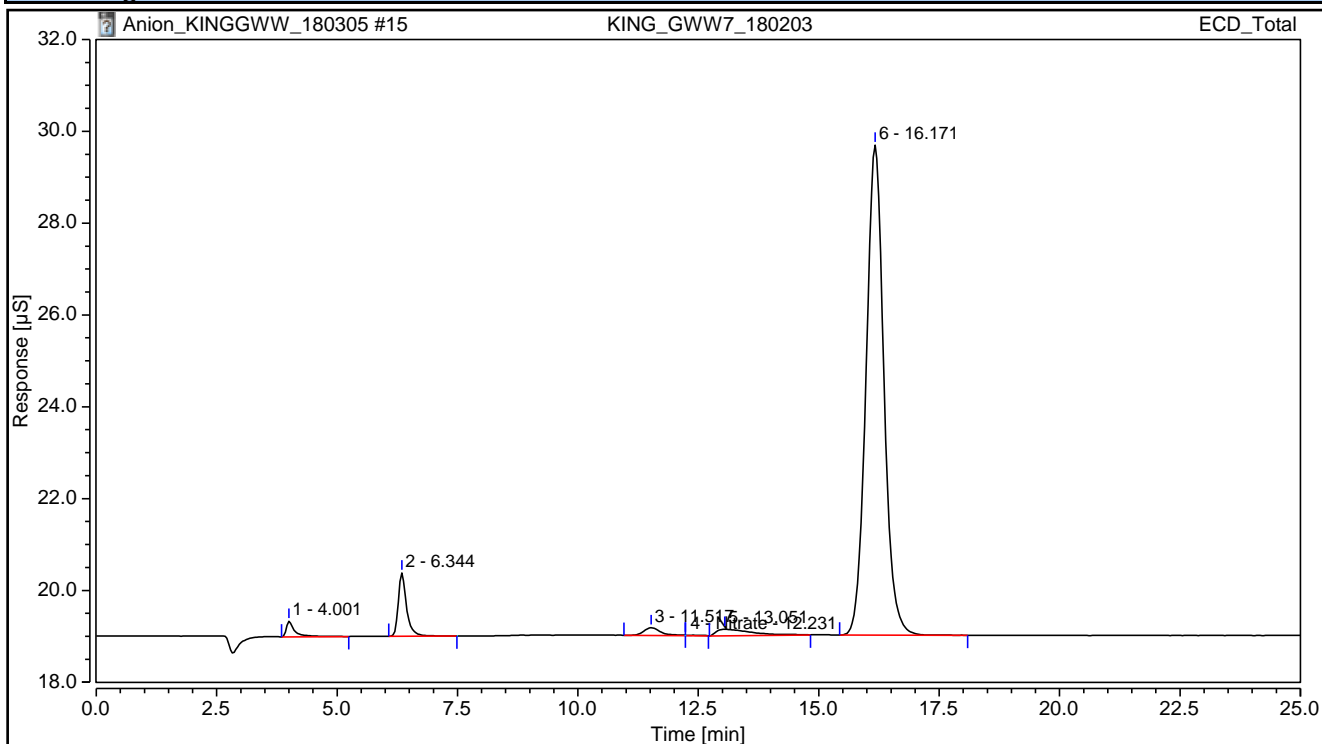
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW7_180203	Run Time (min):	25.00
Vial Number:	15	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 23:56	Sample Weight:	1.0000

Chromatogram



Integration Results

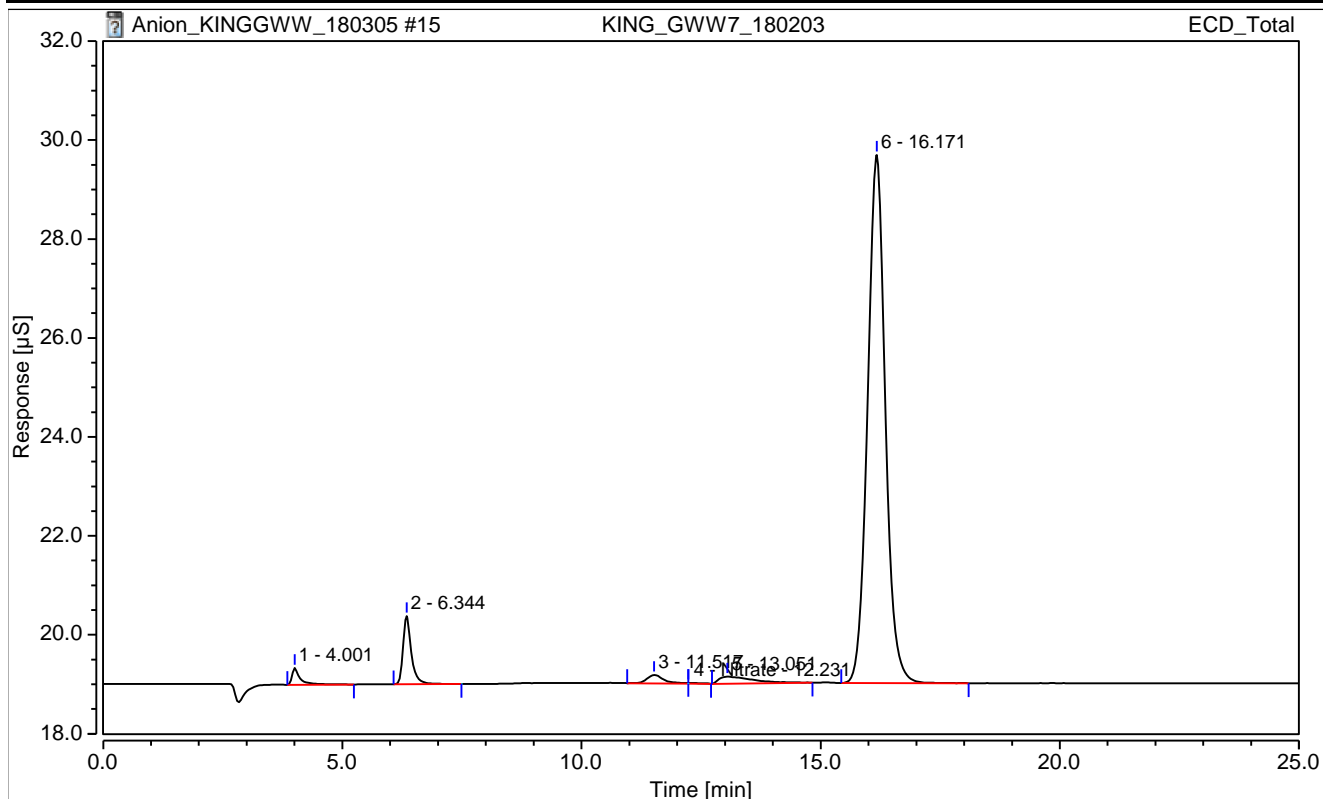
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.001	0.072	0.341	1.42	2.68	n.a.
2		6.344	0.278	1.380	5.43	10.84	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.517	0.070	0.169	1.38	1.33	n.a.
4	Nitrate	12.231	0.005	0.013	0.10	0.10	n.a.
5		13.051	0.120	0.143	2.34	1.13	n.a.
6		16.171	4.568	10.677	89.33	83.92	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.113	12.723	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW7_180203	Run Time (min):	25.00
Vial Number:	15	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	05/Mar/18 23:56	Sample Weight:	1.0000

Chromatogram



SST Results

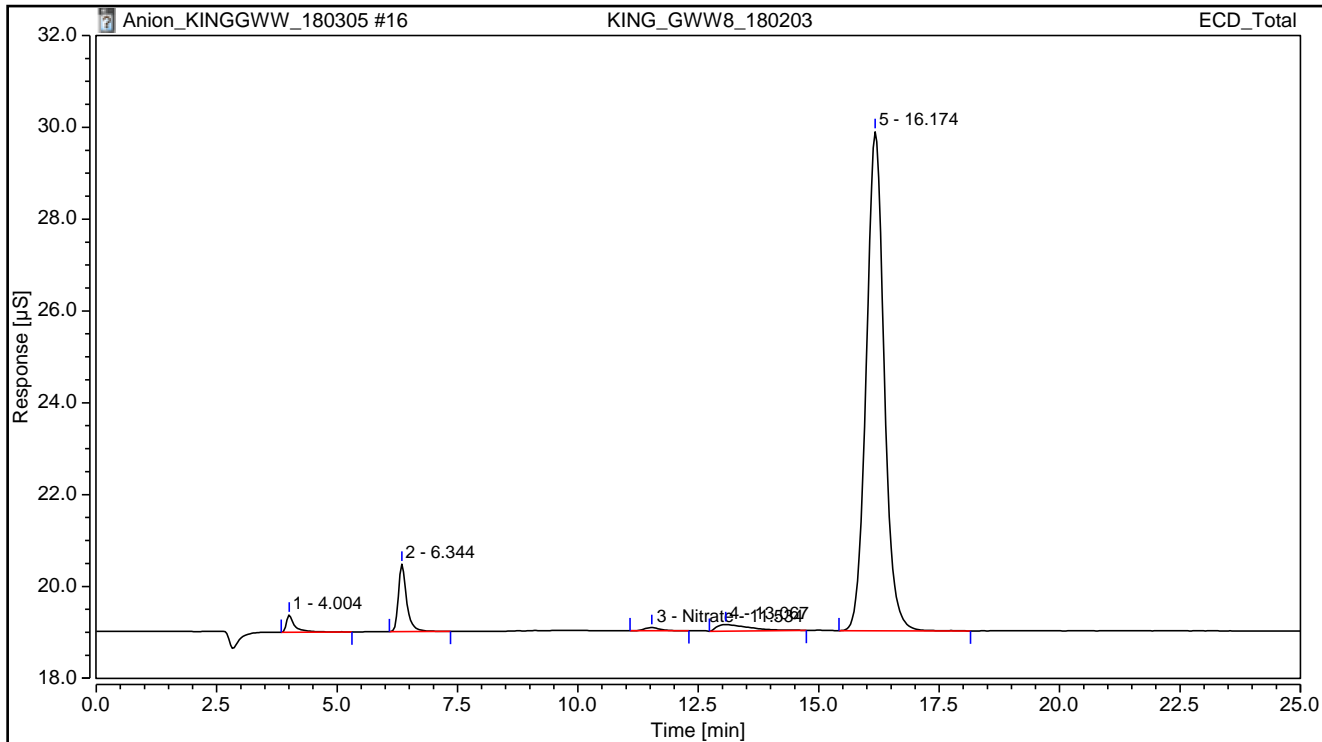
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW8_180203	Run Time (min):	25.00
Vial Number:	16	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 00:22	Sample Weight:	1.0000

Chromatogram



Integration Results

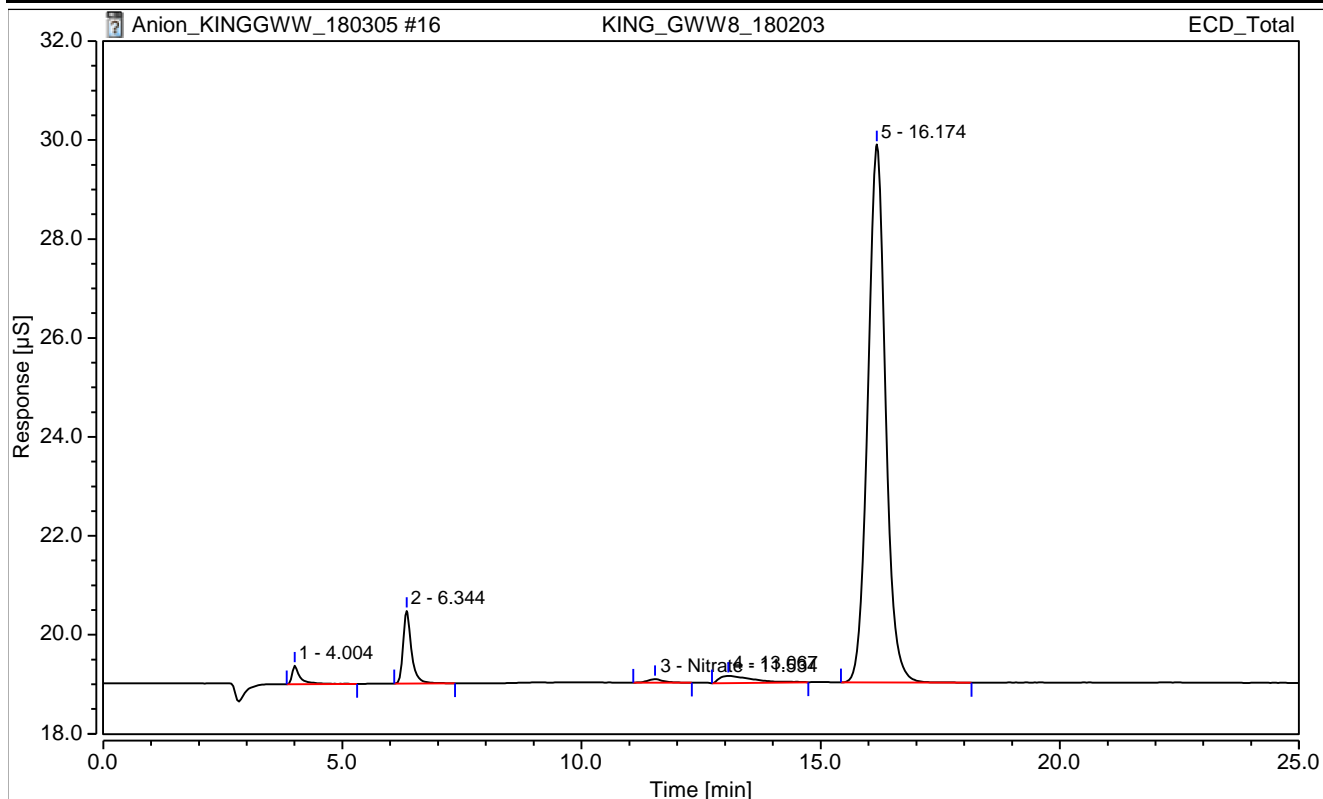
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.078	0.375	1.51	2.90	n.a.
2		6.344	0.293	1.467	5.67	11.35	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	Nitrate	11.534	0.026	0.069	0.51	0.53	n.a.
4		13.067	0.114	0.143	2.20	1.10	n.a.
5		16.174	4.651	10.874	90.10	84.11	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.162	12.928	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW8_180203	Run Time (min):	25.00
Vial Number:	16	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 00:22	Sample Weight:	1.0000

Chromatogram



SST Results

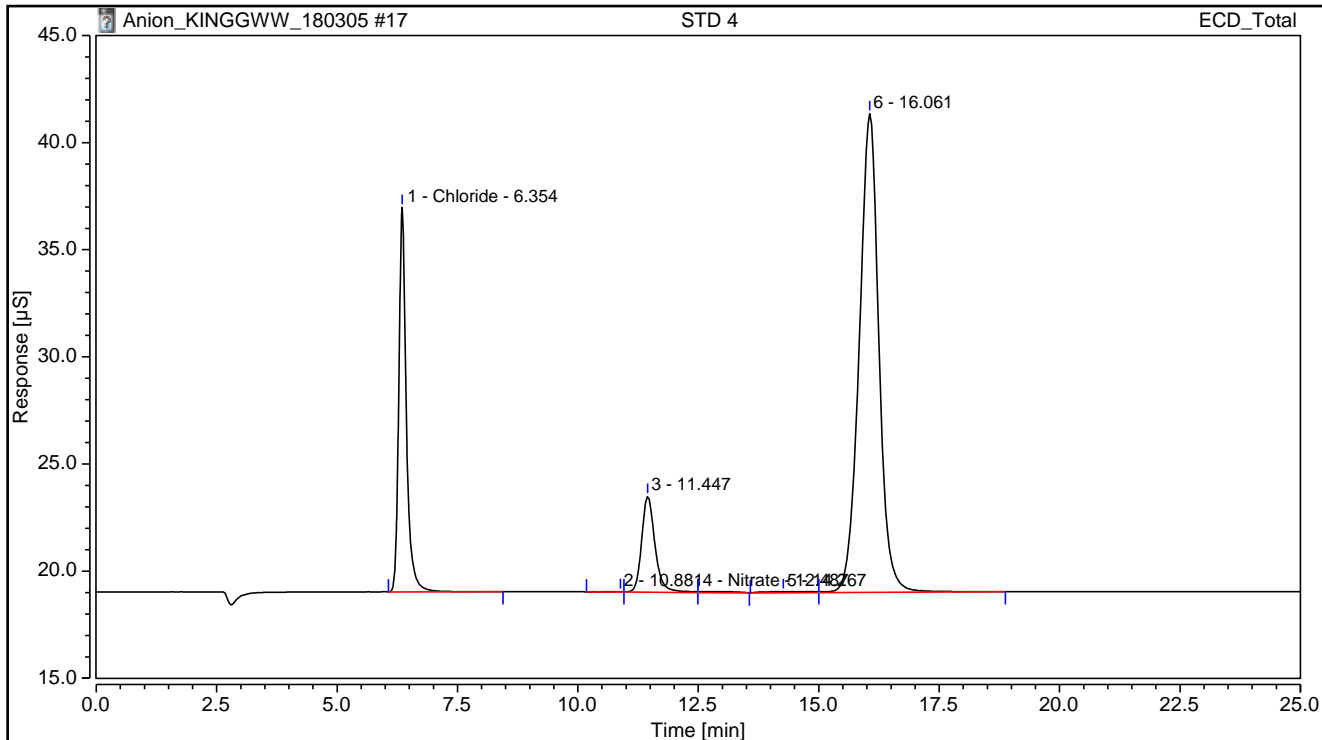
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	STD 4	Run Time (min):	25.00
Vial Number:	17	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 00:49	Sample Weight:	1.0000

Chromatogram



Integration Results

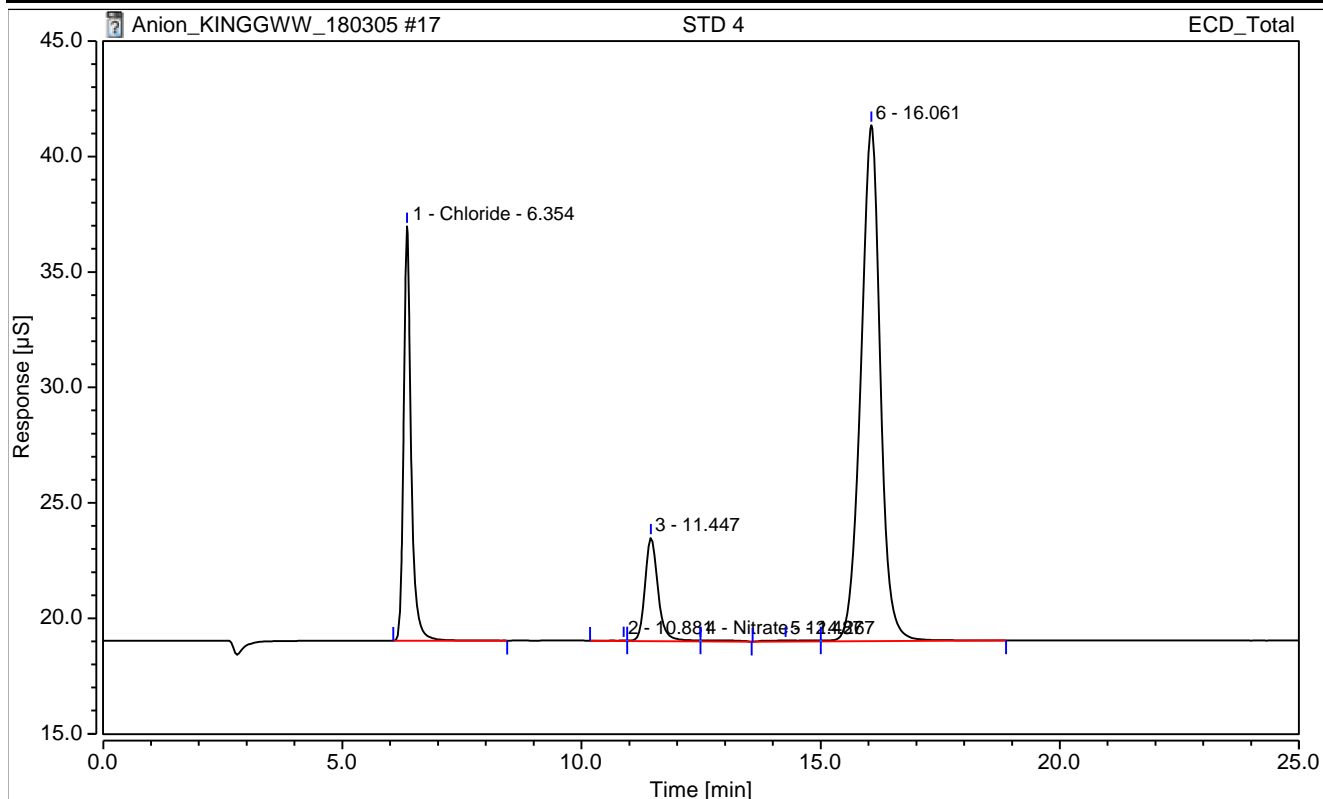
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1	Chloride	6.354	3.246	17.942	21.19	39.98	n.a.
2		10.881	0.006	0.018	0.04	0.04	n.a.
3		11.447	1.430	4.479	9.33	9.98	n.a.
4	Nitrate	12.487	0.040	0.043	0.26	0.10	n.a.
5		14.267	0.055	0.047	0.36	0.11	n.a.
6		16.061	10.543	22.346	68.82	49.80	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			15.319	44.875	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	STD 4	Run Time (min):	25.00
Vial Number:	17	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 00:49	Sample Weight:	1.0000

Chromatogram



SST Results

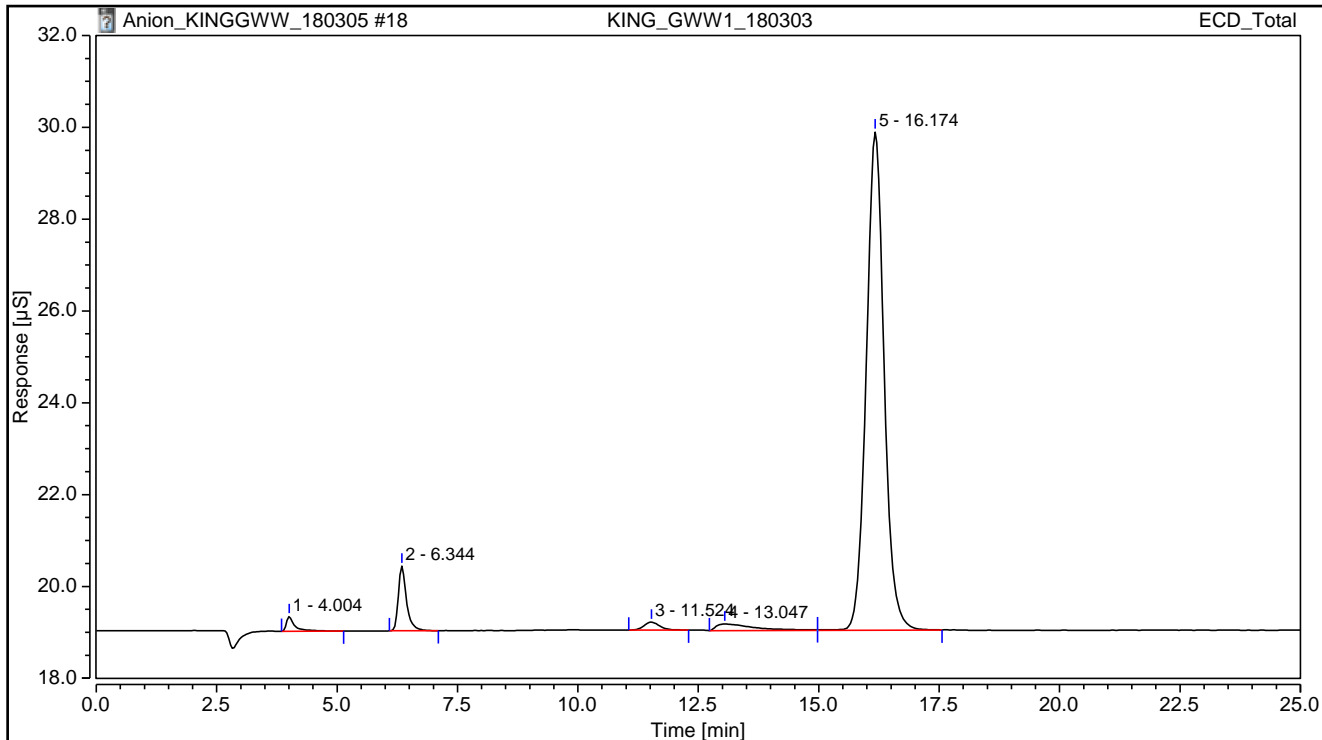
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW1_180303	Run Time (min):	25.00
Vial Number:	18	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 01:16	Sample Weight:	1.0000

Chromatogram



Integration Results

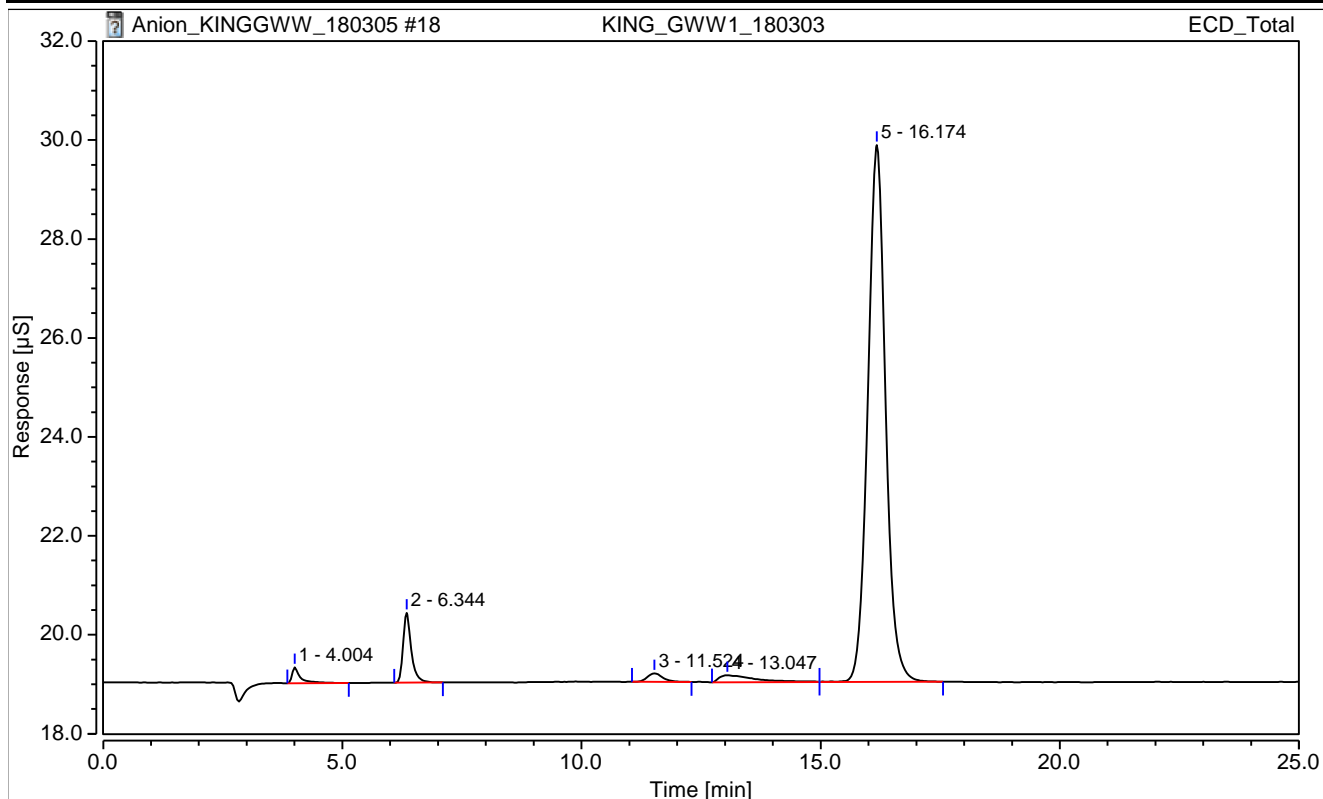
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.070	0.326	1.35	2.53	n.a.
2		6.344	0.278	1.410	5.35	10.92	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.524	0.066	0.173	1.27	1.34	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.047	0.131	0.145	2.52	1.12	n.a.
5		16.174	4.650	10.853	89.51	84.09	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.195	12.907	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW1_180303	Run Time (min):	25.00
Vial Number:	18	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 01:16	Sample Weight:	1.0000

Chromatogram



SST Results

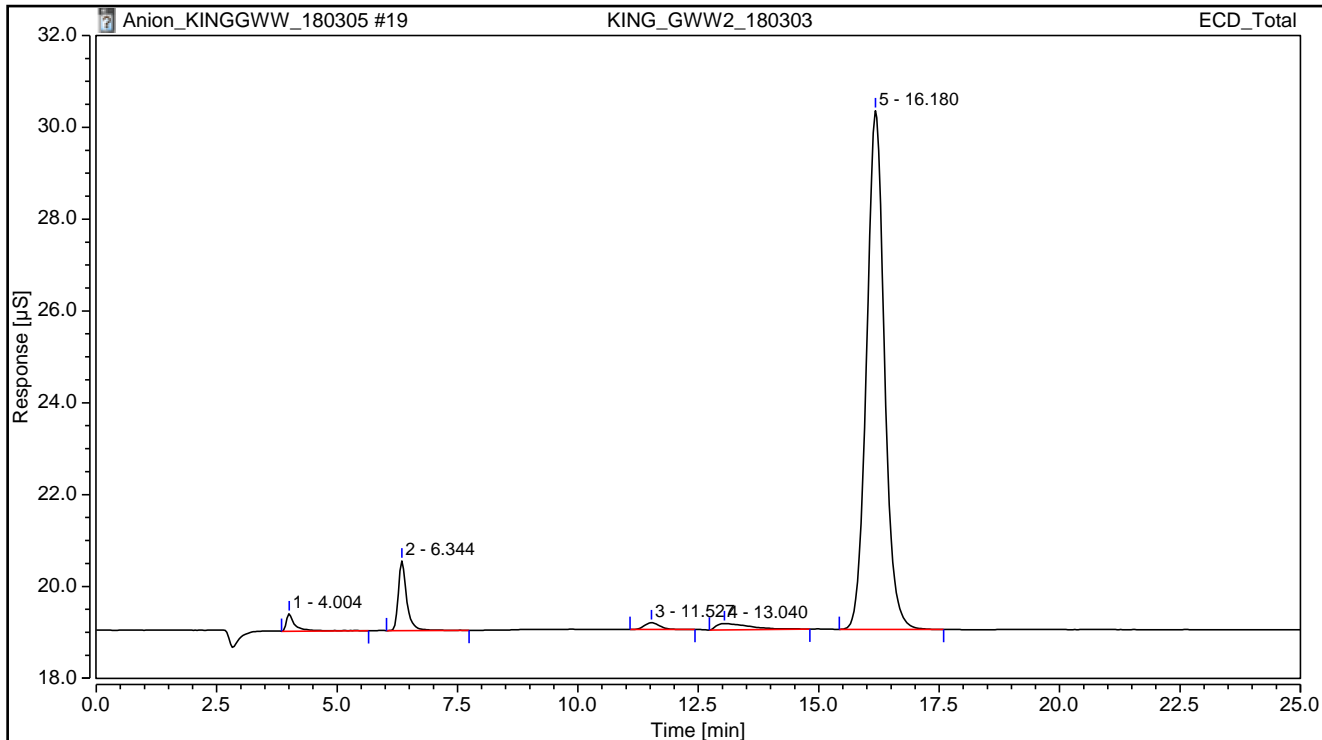
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW2_180303	Run Time (min):	25.00
Vial Number:	19	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 01:43	Sample Weight:	1.0000

Chromatogram



Integration Results

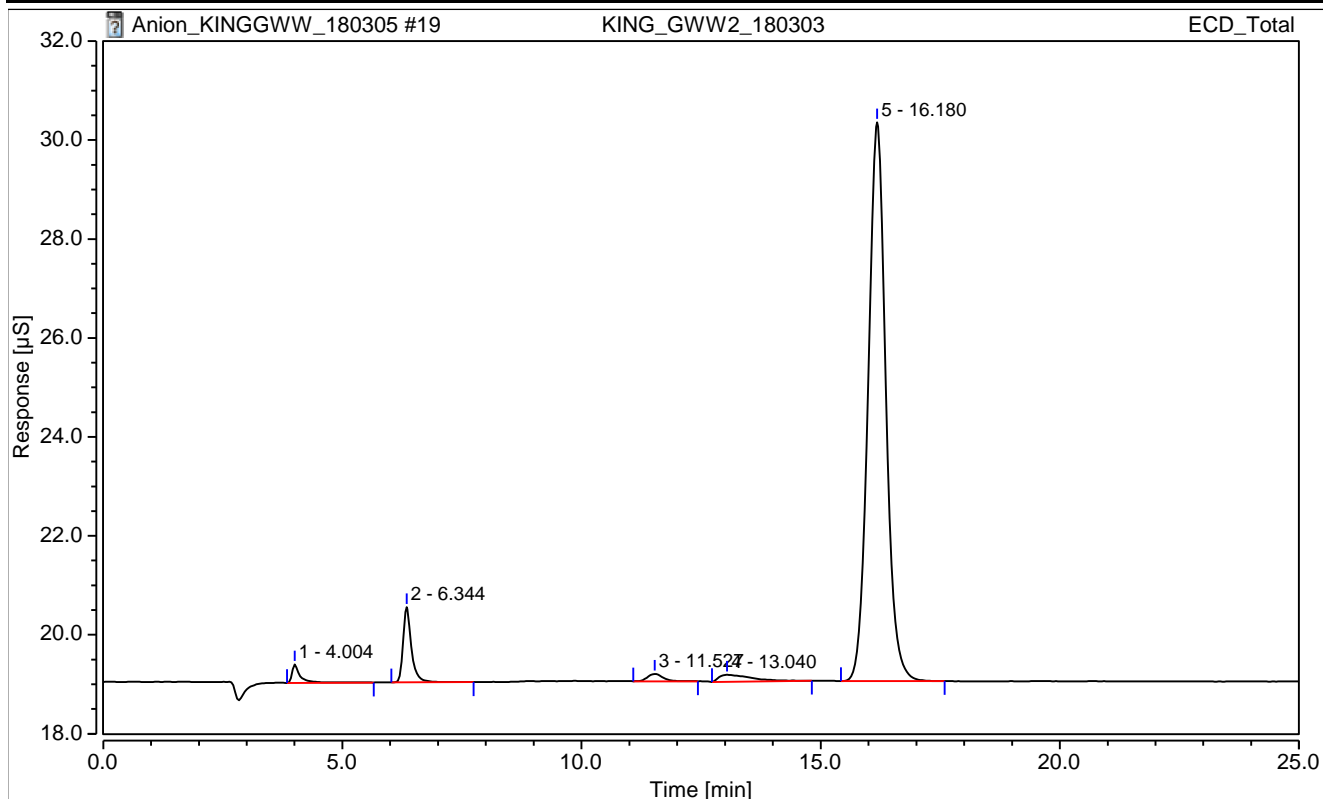
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1	Chloride	4.004	0.082	0.379	1.53	2.81	n.a.
2		6.344	0.307	1.518	5.70	11.26	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.527	0.056	0.149	1.04	1.10	n.a.
n.a.		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	Sulfate	13.040	0.113	0.142	2.10	1.05	n.a.
5		16.180	4.817	11.294	89.63	83.77	n.a.
n.a.		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.375	13.482	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW2_180303	Run Time (min):	25.00
Vial Number:	19	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 01:43	Sample Weight:	1.0000

Chromatogram



SST Results

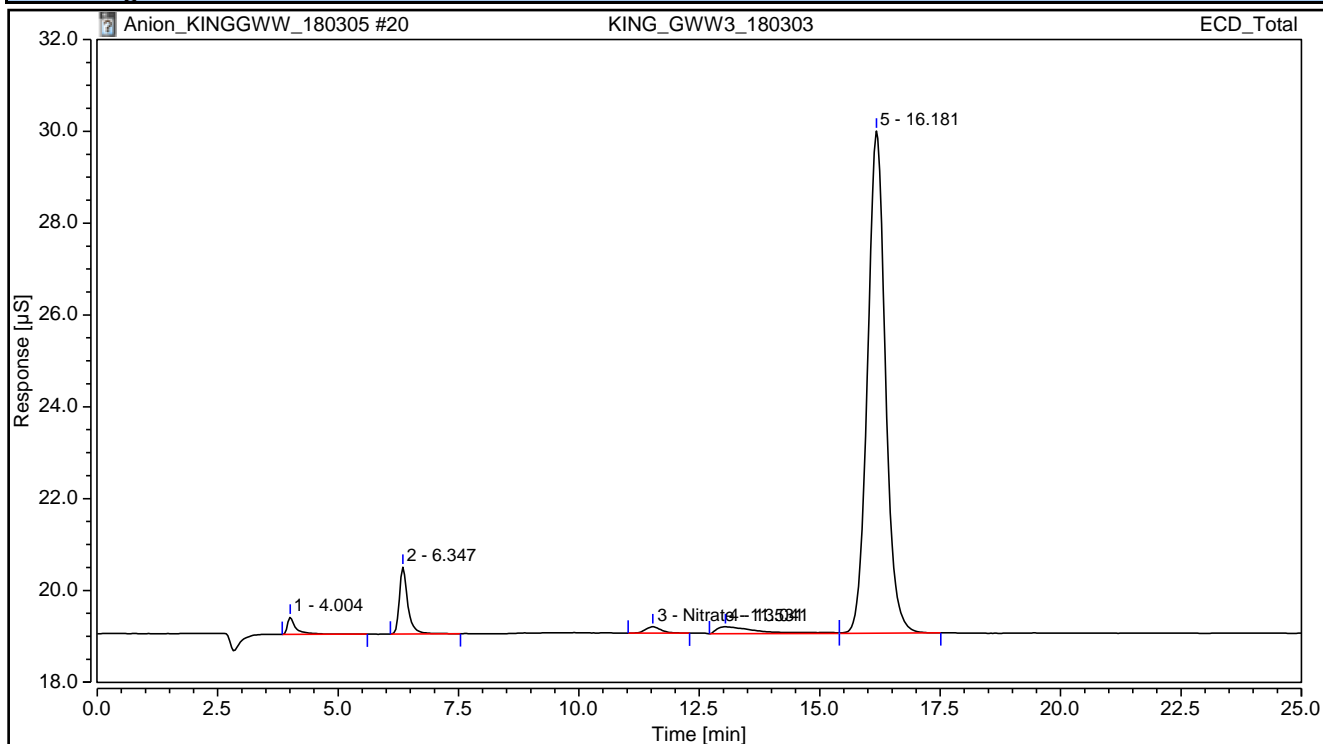
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW3_180303	Run Time (min):	25.00
Vial Number:	20	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 02:09	Sample Weight:	1.0000

Chromatogram



Integration Results

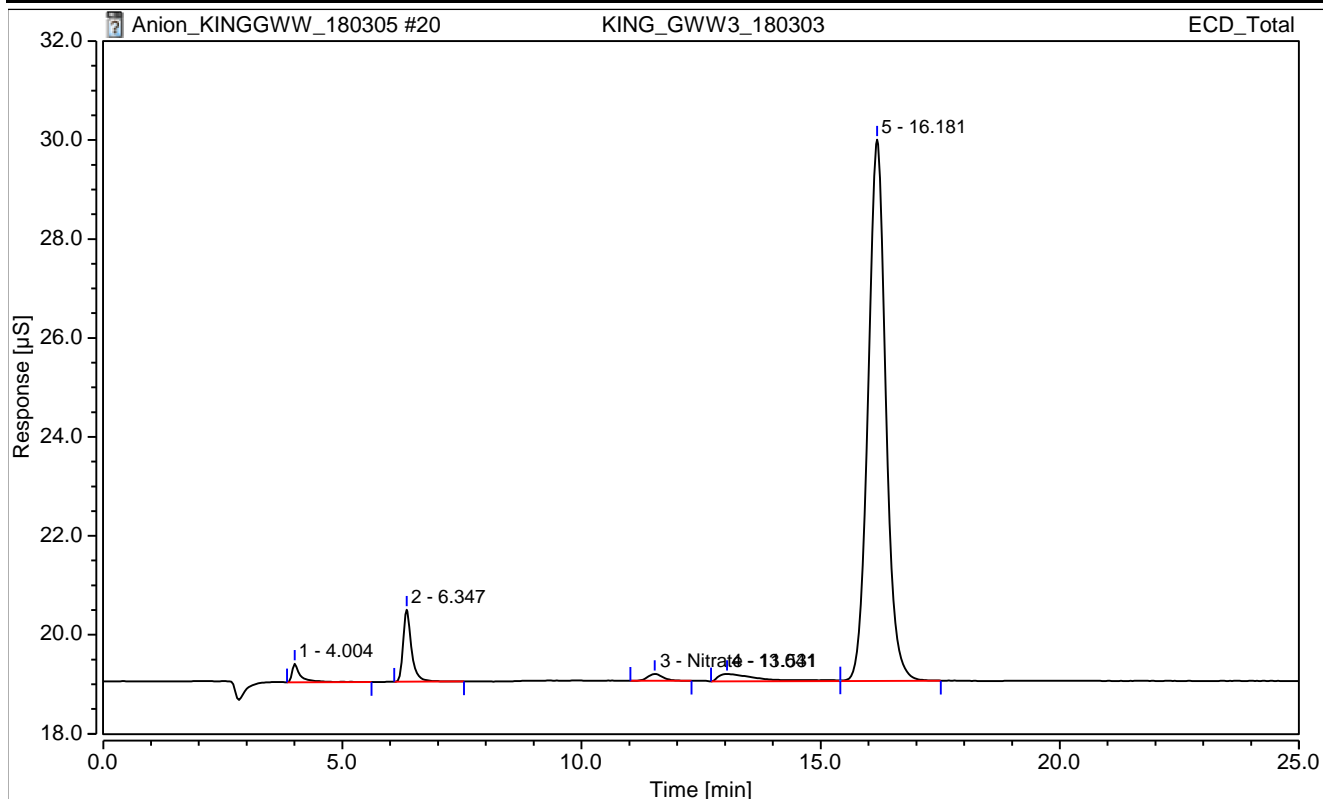
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.080	0.376	1.53	2.88	n.a.
2		6.347	0.293	1.456	5.59	11.15	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	Nitrate	11.531	0.053	0.139	1.00	1.06	n.a.
4		13.041	0.145	0.149	2.76	1.14	n.a.
5		16.181	4.674	10.938	89.12	83.76	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.245	13.058	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW3_180303	Run Time (min):	25.00
Vial Number:	20	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 02:09	Sample Weight:	1.0000

Chromatogram



SST Results

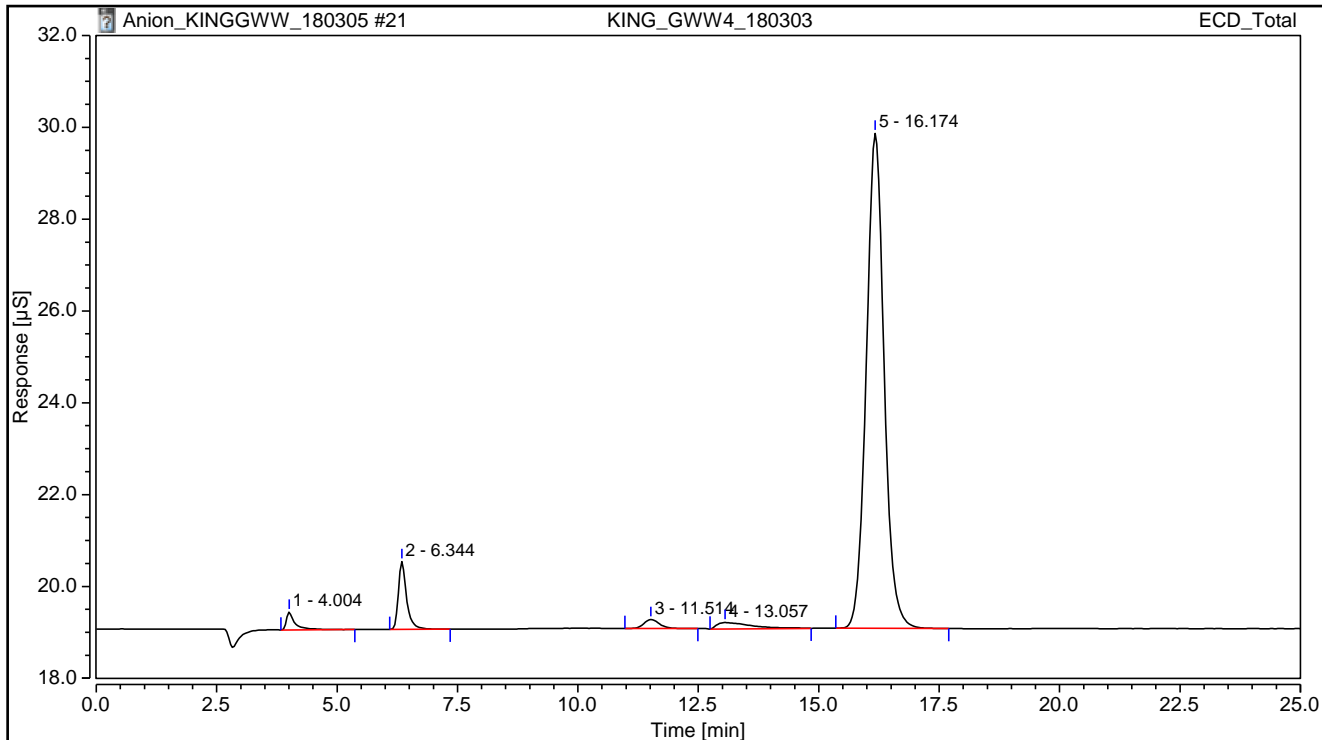
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW4_180303	Run Time (min):	25.00
Vial Number:	21	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 02:36	Sample Weight:	1.0000

Chromatogram



Integration Results

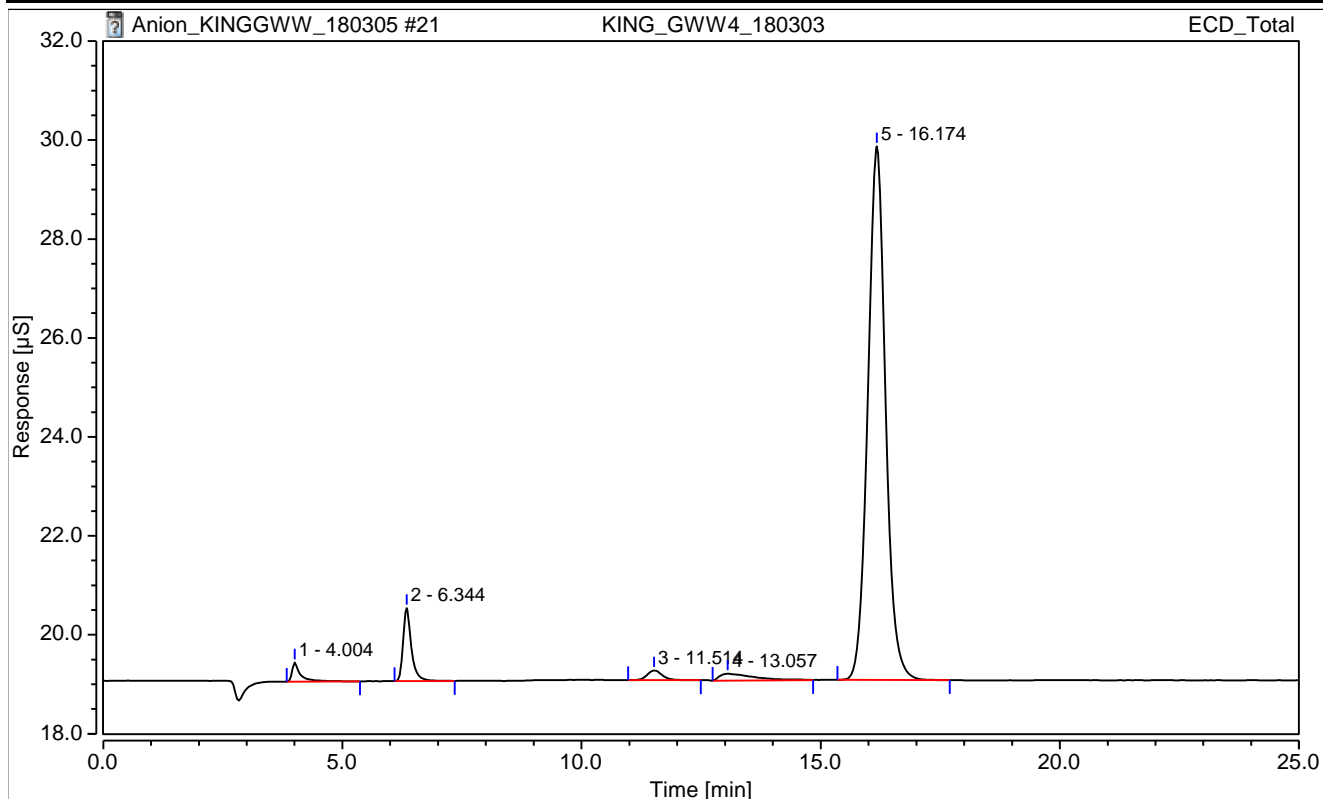
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.082	0.385	1.58	2.97	n.a.
2		6.344	0.293	1.476	5.66	11.37	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.514	0.074	0.195	1.44	1.51	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.057	0.116	0.140	2.23	1.08	n.a.
5		16.174	4.615	10.785	89.09	83.08	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.181	12.982	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW4_180303	Run Time (min):	25.00
Vial Number:	21	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 02:36	Sample Weight:	1.0000

Chromatogram



SST Results

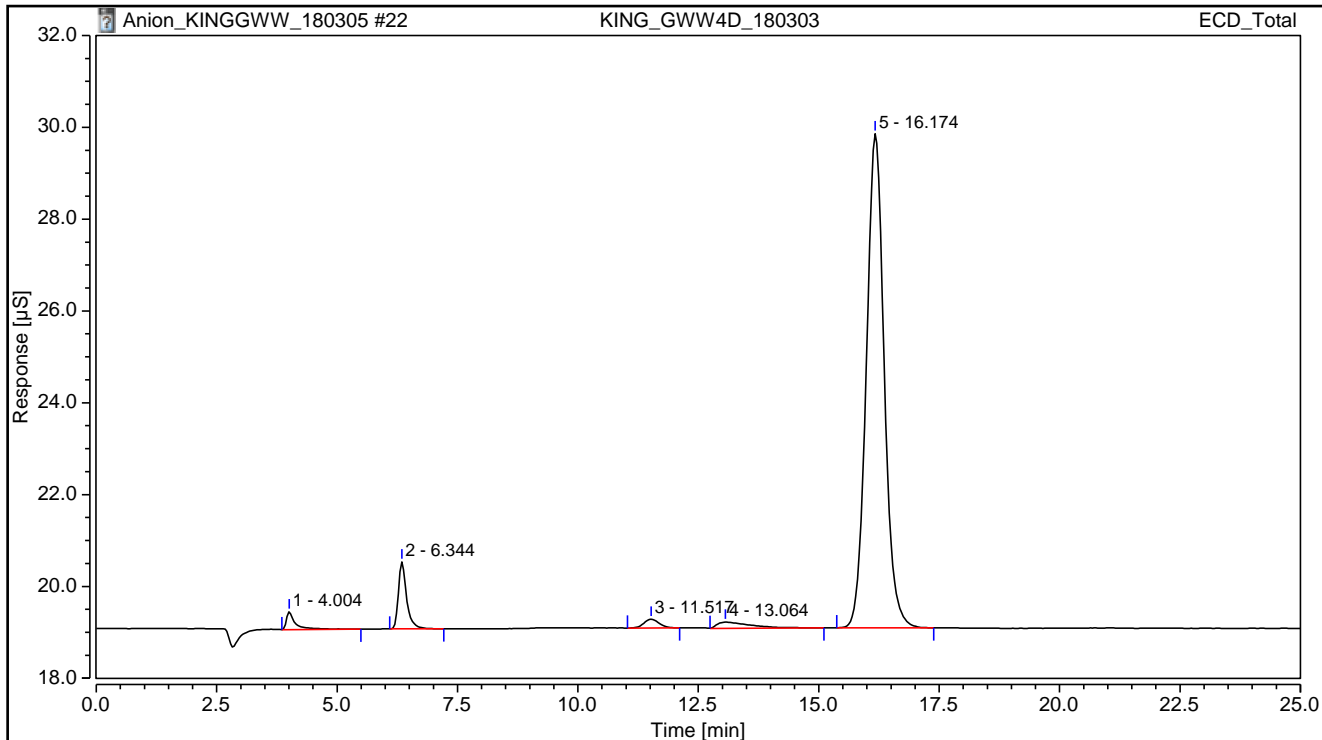
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW4D_180303	Run Time (min):	25.00
Vial Number:	22	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 03:03	Sample Weight:	1.0000

Chromatogram



Integration Results

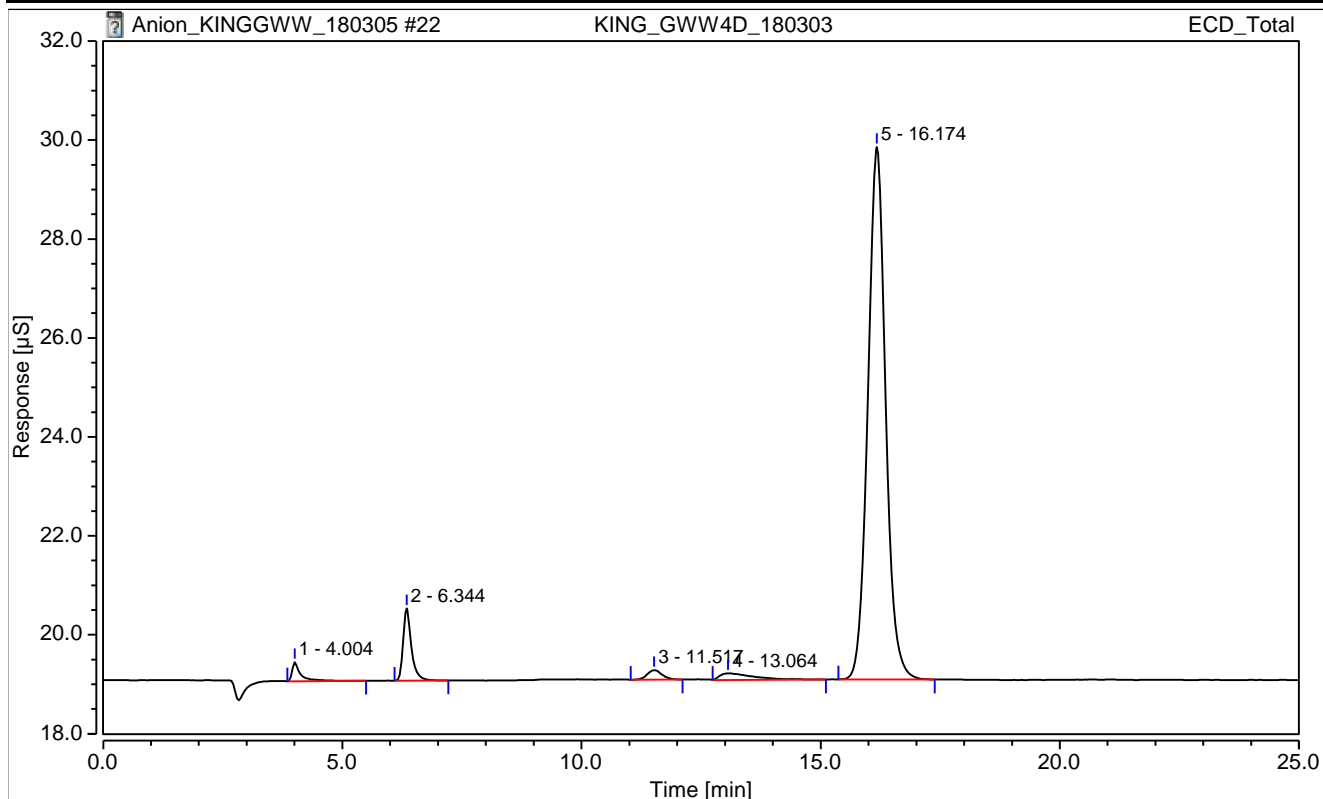
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.085	0.385	1.65	2.98	n.a.
2		6.344	0.290	1.461	5.62	11.30	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.517	0.070	0.193	1.36	1.49	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.064	0.107	0.134	2.07	1.04	n.a.
5		16.174	4.611	10.764	89.29	83.20	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.164	12.938	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW4D_180303	Run Time (min):	25.00
Vial Number:	22	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 03:03	Sample Weight:	1.0000

Chromatogram



SST Results

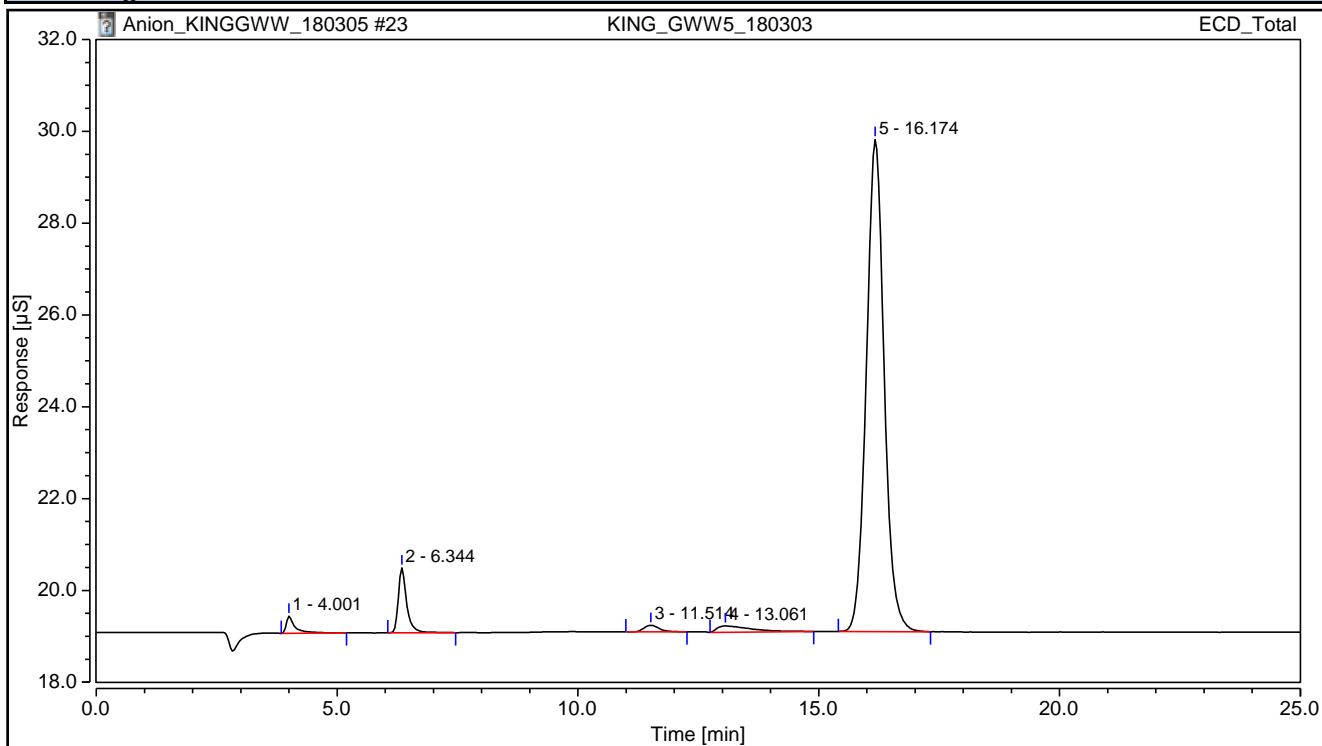
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW5_180303	Run Time (min):	25.00
Vial Number:	23	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 03:30	Sample Weight:	1.0000

Chromatogram



Integration Results

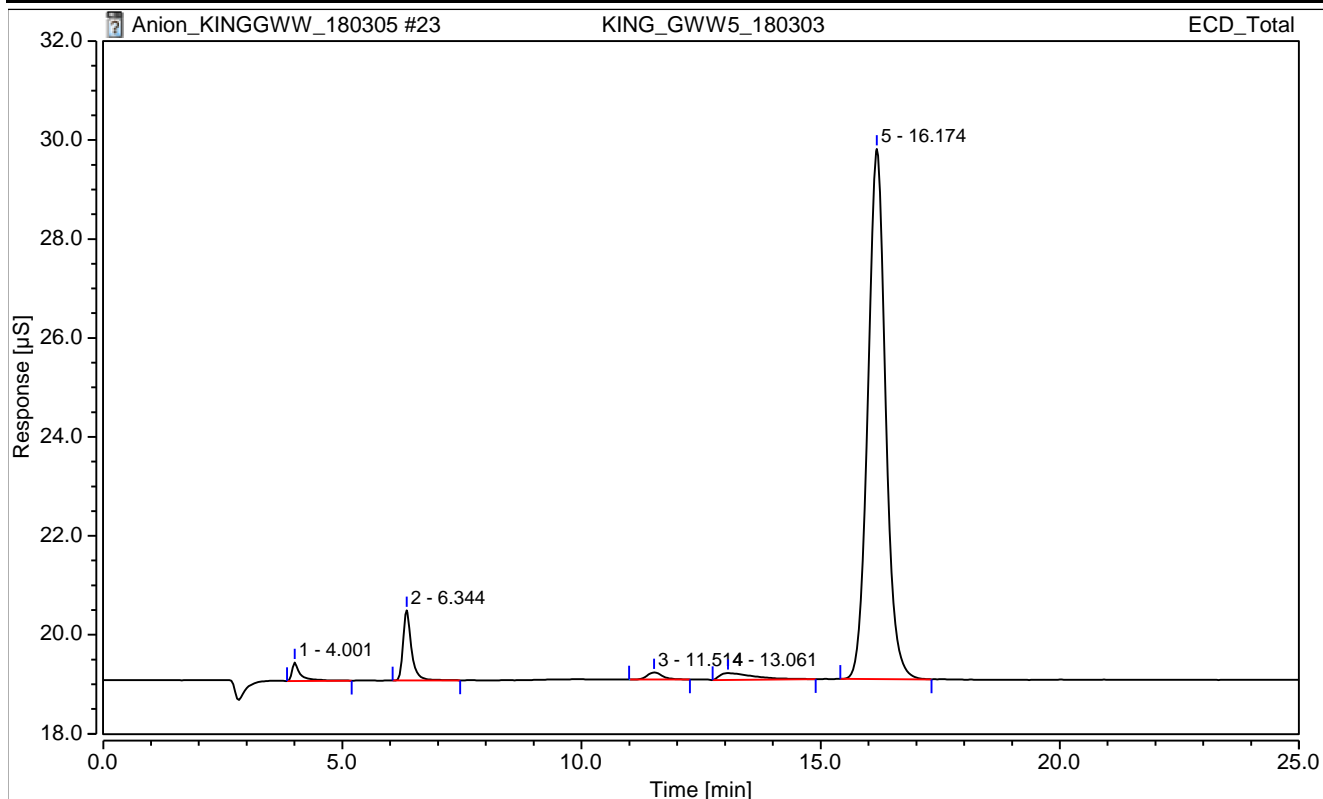
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.001	0.080	0.372	1.57	2.91	n.a.
2		6.344	0.286	1.417	5.59	11.08	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.514	0.054	0.144	1.06	1.12	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.061	0.114	0.139	2.23	1.09	n.a.
5		16.174	4.581	10.717	89.55	83.80	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.116	12.789	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW5_180303	Run Time (min):	25.00
Vial Number:	23	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 03:30	Sample Weight:	1.0000

Chromatogram



SST Results

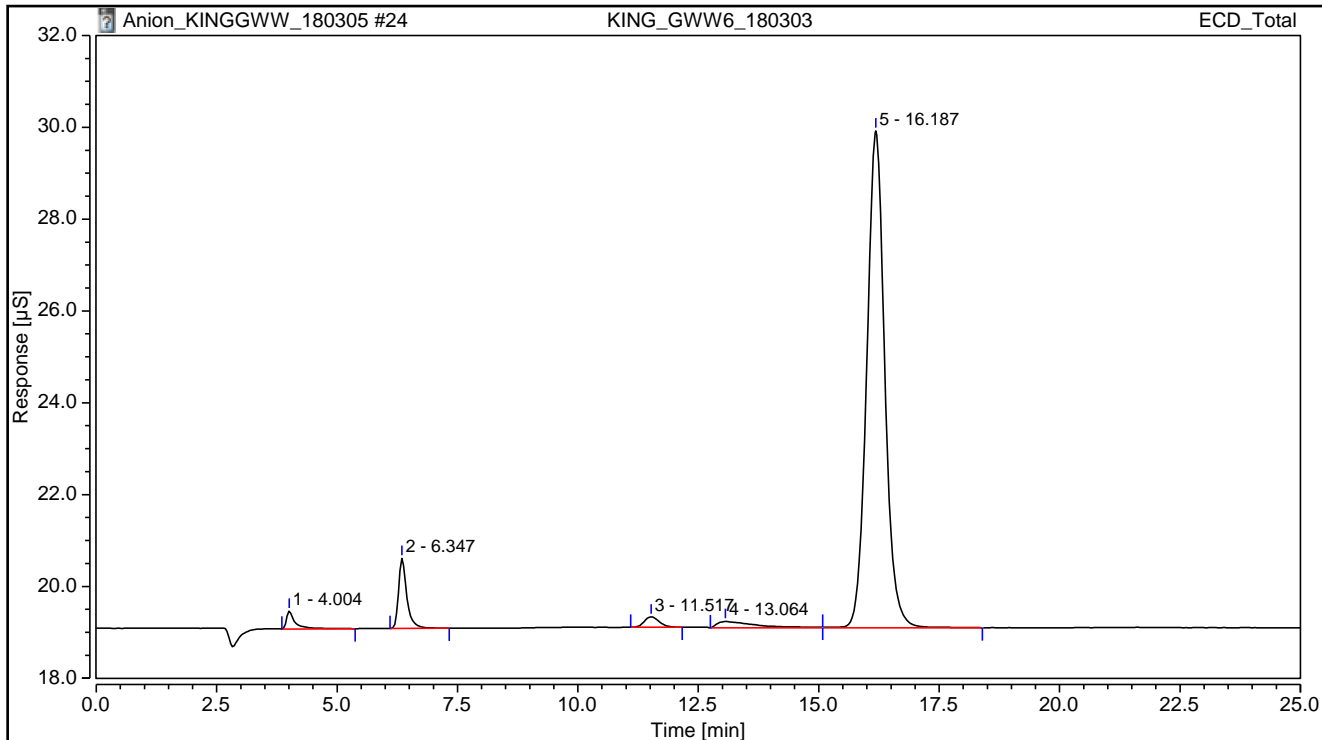
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW6_180303	Run Time (min):	25.00
Vial Number:	24	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 03:56	Sample Weight:	1.0000

Chromatogram



Integration Results

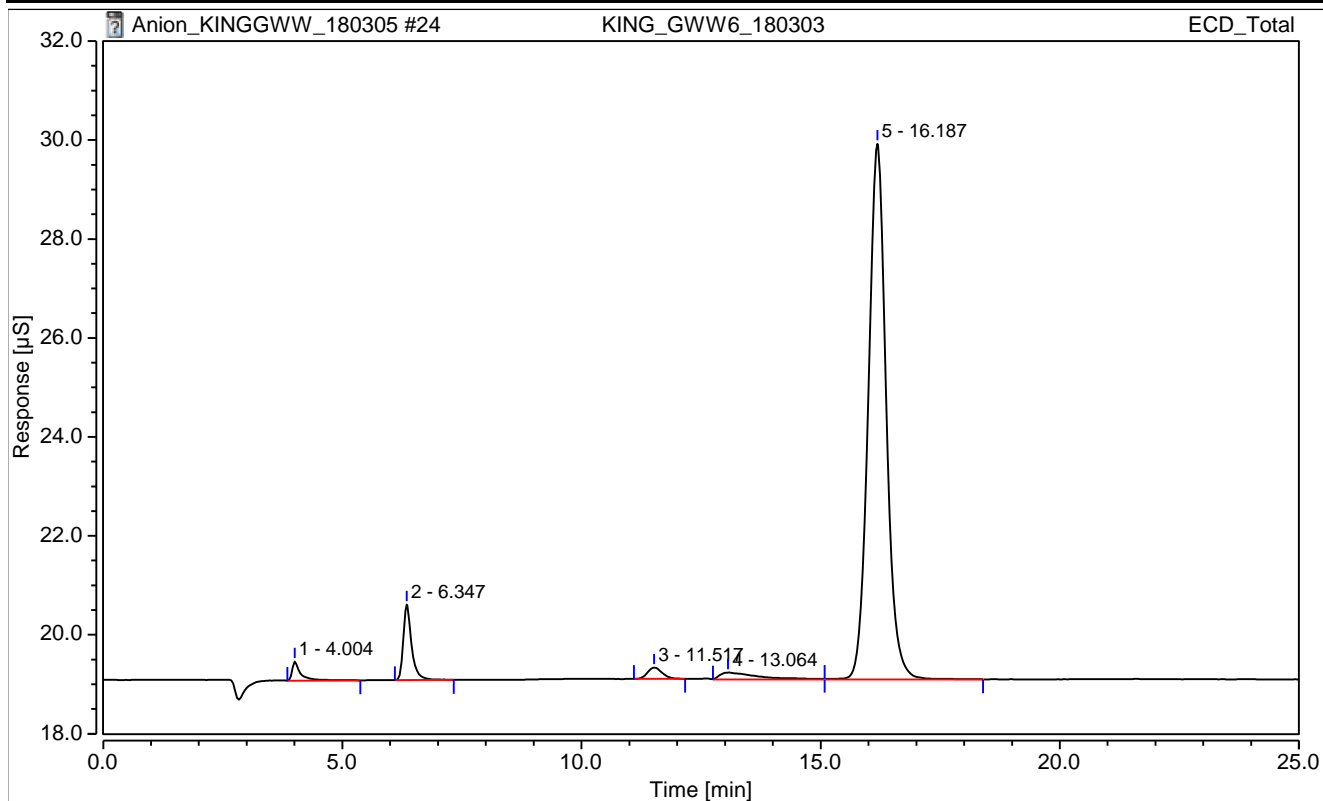
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.085	0.388	1.62	2.96	n.a.
2		6.347	0.306	1.528	5.82	11.66	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.517	0.082	0.228	1.56	1.74	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.064	0.125	0.138	2.37	1.05	n.a.
5		16.187	4.666	10.827	88.63	82.59	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.265	13.108	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW6_180303	Run Time (min):	25.00
Vial Number:	24	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 03:56	Sample Weight:	1.0000

Chromatogram



SST Results

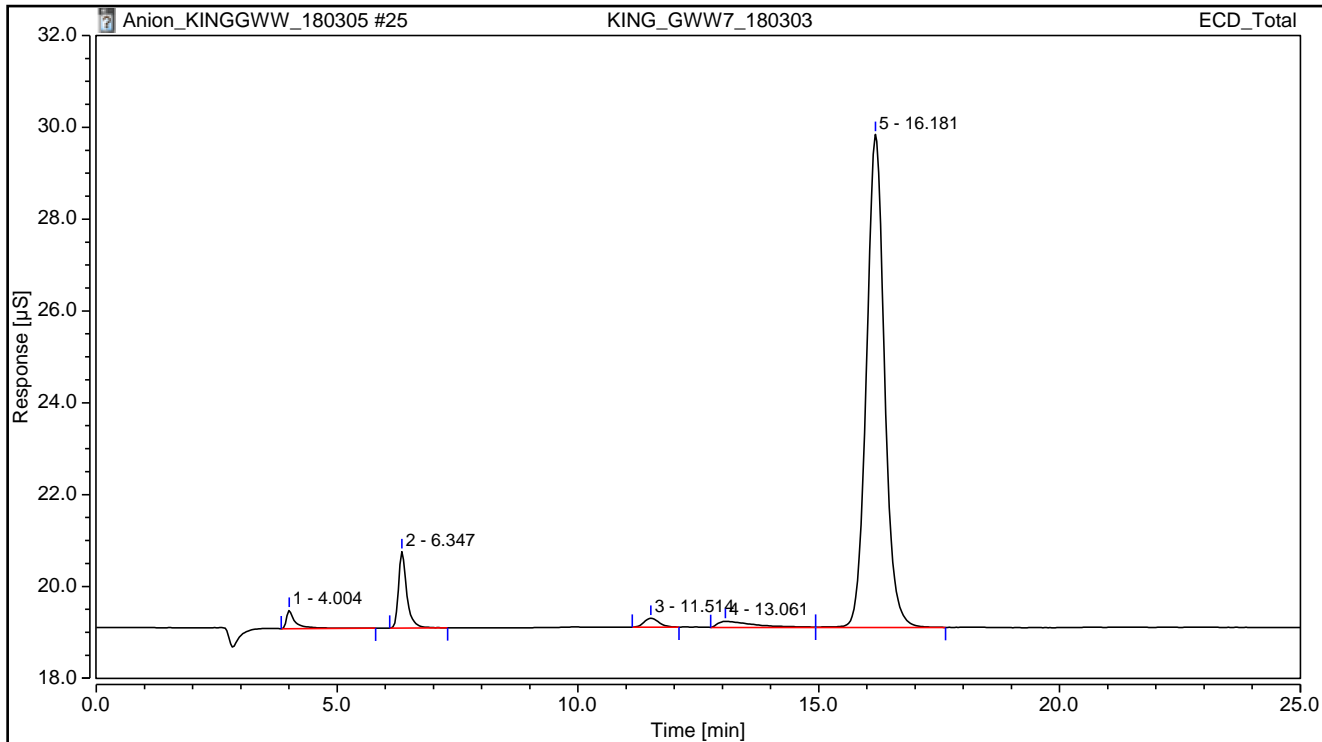
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW7_180303	Run Time (min):	25.00
Vial Number:	25	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 04:23	Sample Weight:	1.0000

Chromatogram



Integration Results

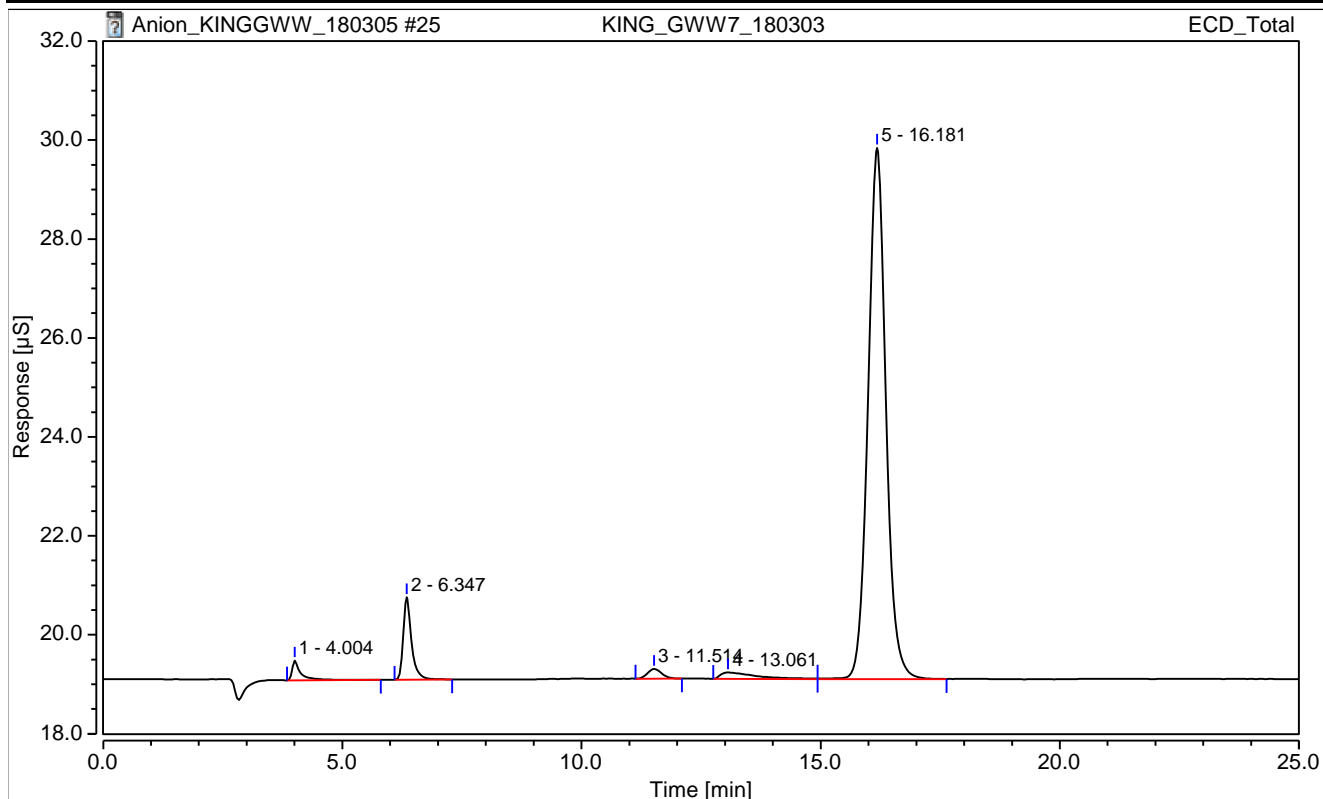
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.091	0.399	1.73	3.04	n.a.
2		6.347	0.332	1.662	6.35	12.67	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		11.514	0.068	0.195	1.31	1.48	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4		13.061	0.114	0.130	2.17	0.99	n.a.
5		16.181	4.627	10.737	88.44	81.82	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.232	13.123	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW7_180303	Run Time (min):	25.00
Vial Number:	25	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 04:23	Sample Weight:	1.0000

Chromatogram



SST Results

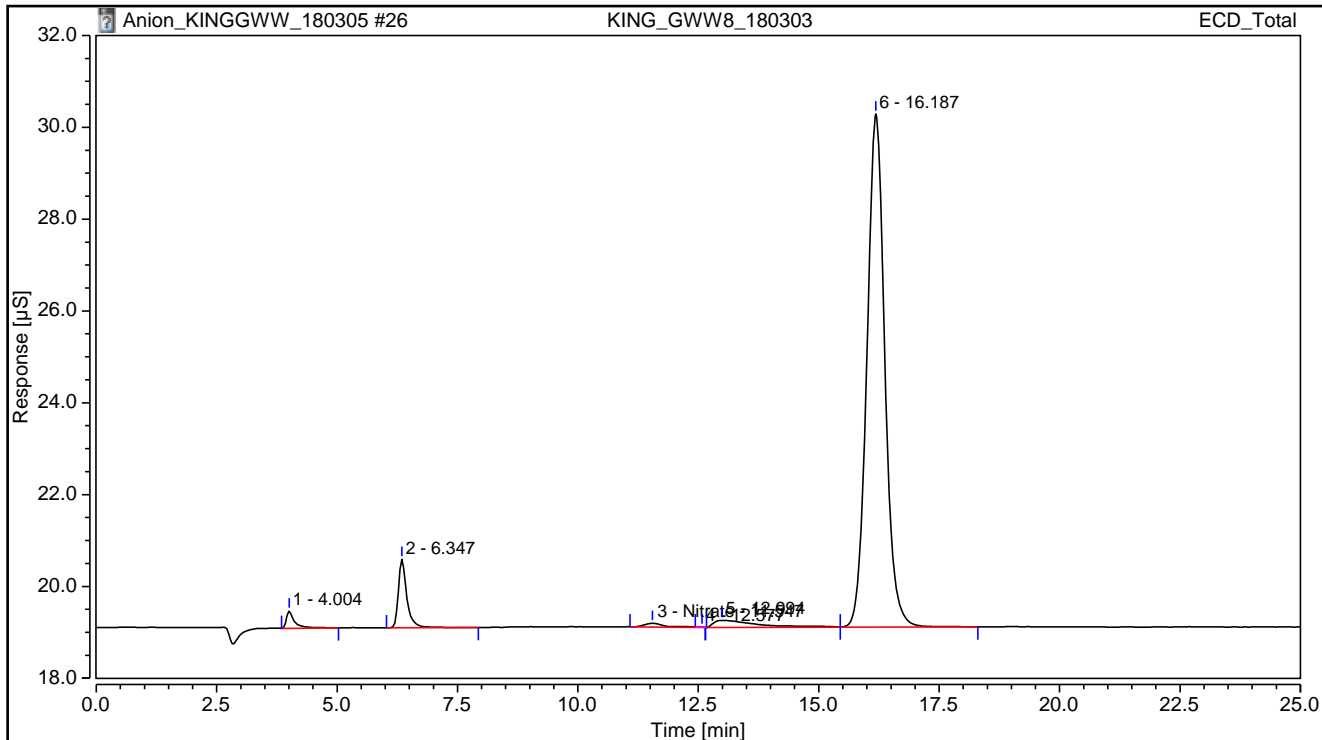
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	KING_GWW8_180303	Run Time (min):	25.00
Vial Number:	26	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 04:50	Sample Weight:	1.0000

Chromatogram



Integration Results

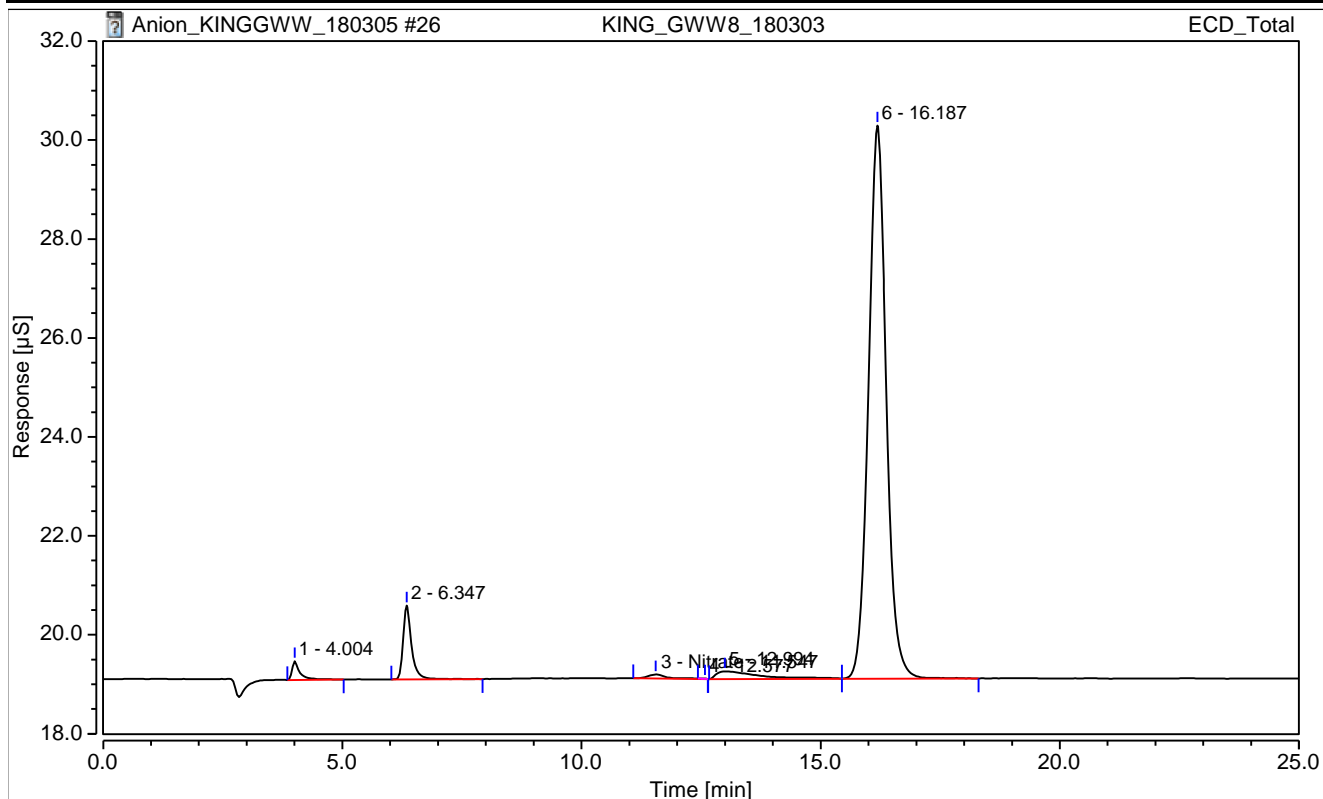
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1		4.004	0.075	0.376	1.40	2.83	n.a.
2		6.347	0.304	1.488	5.67	11.20	n.a.
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	Nitrate	11.547	0.040	0.082	0.74	0.61	n.a.
4		12.577	0.001	0.008	0.02	0.06	n.a.
5		12.994	0.167	0.157	3.10	1.18	n.a.
6		16.187	4.782	11.182	89.06	84.12	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			5.370	13.293	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	KING_GWW8_180303	Run Time (min):	25.00
Vial Number:	26	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 04:50	Sample Weight:	1.0000

Chromatogram



SST Results

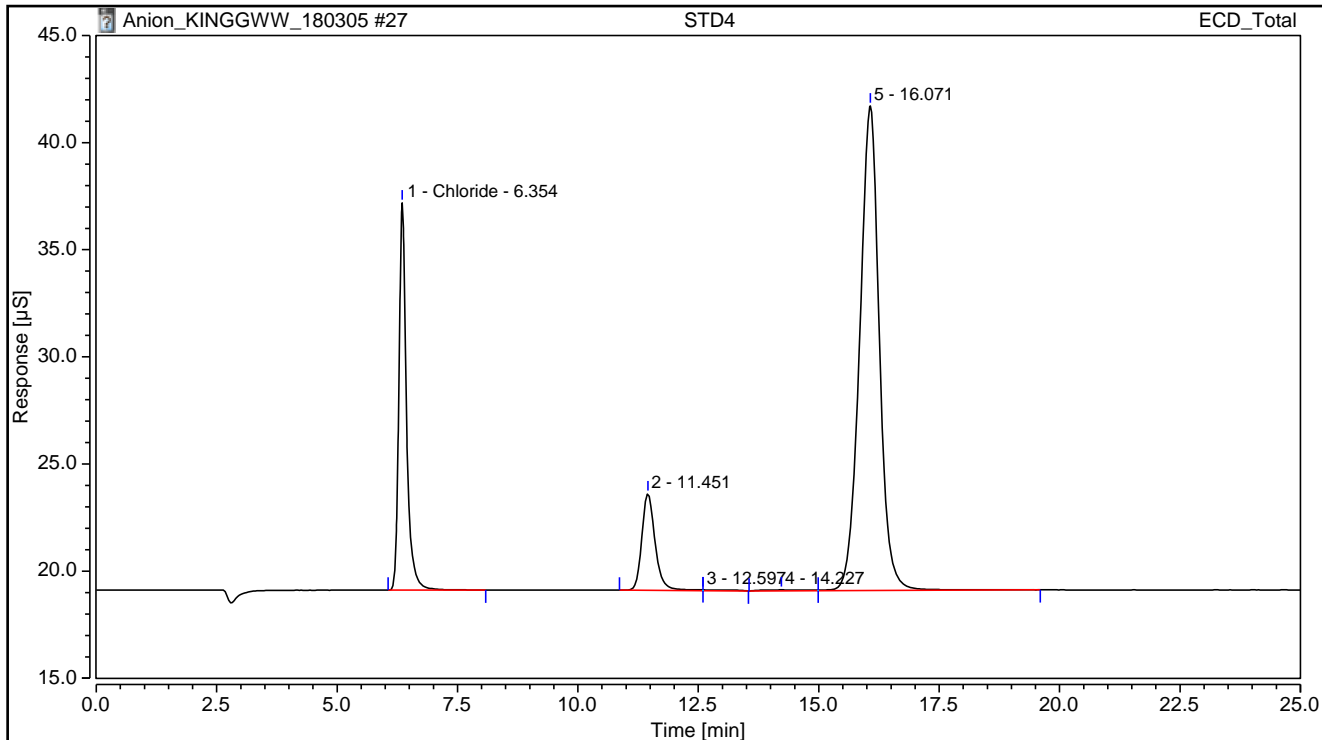
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	STD4	Run Time (min):	25.00
Vial Number:	27	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 05:17	Sample Weight:	1.0000

Chromatogram



Integration Results

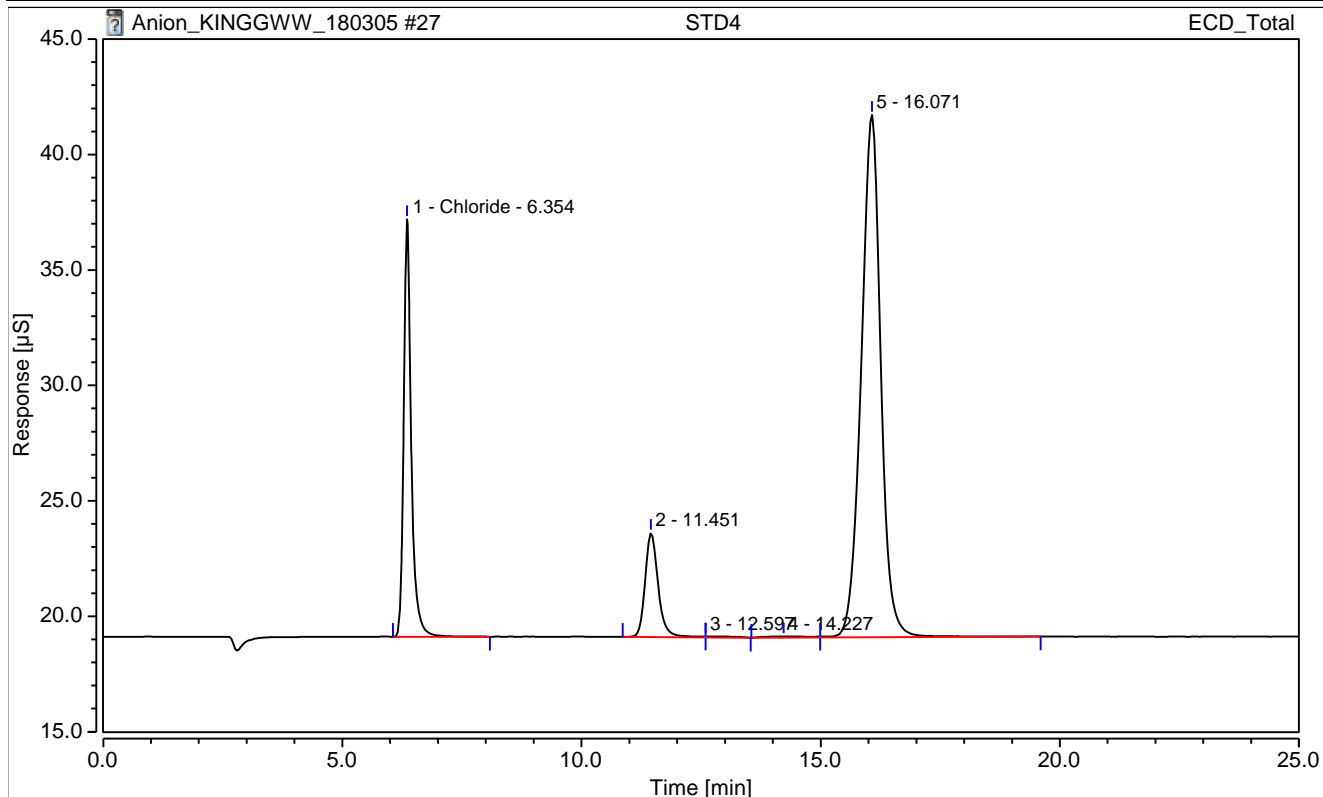
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
1	Chloride	6.354	3.287	18.076	21.21	39.92	n.a.
2		11.451	1.436	4.504	9.27	9.95	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3		12.597	0.031	0.037	0.20	0.08	n.a.
4		14.227	0.054	0.046	0.35	0.10	n.a.
5		16.071	10.690	22.617	68.98	49.95	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			15.498	45.280	100.00	100.00	

Chromatogram and SST Results

Injection Details

Injection Name:	STD4	Run Time (min):	25.00
Vial Number:	27	Injection Volume:	25.00
Injection Type:	Unknown	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 05:17	Sample Weight:	1.0000

Chromatogram



SST Results

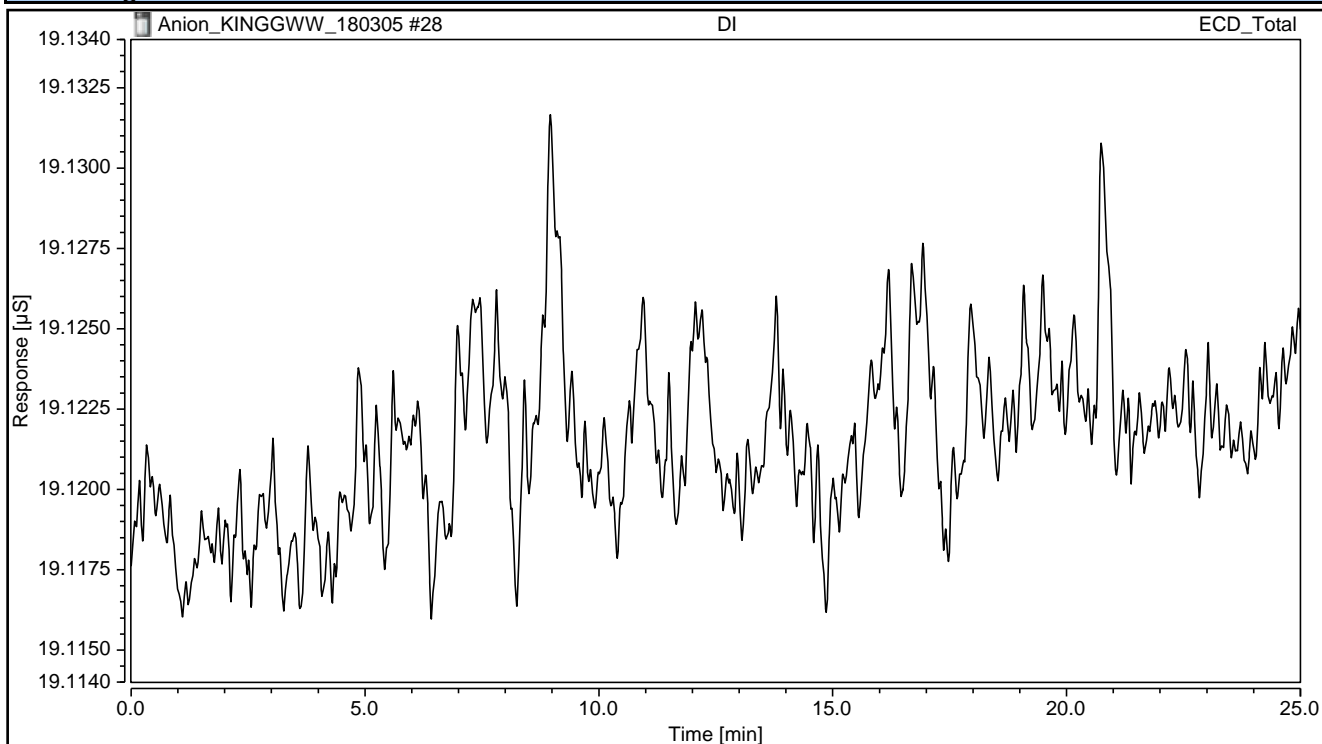
No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Chromatogram and Results

Injection Details

Injection Name:	DI	Run Time (min):	25.00
Vial Number:	28	Injection Volume:	25.00
Injection Type:	Blank	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 05:44	Sample Weight:	1.0000

Chromatogram



Integration Results

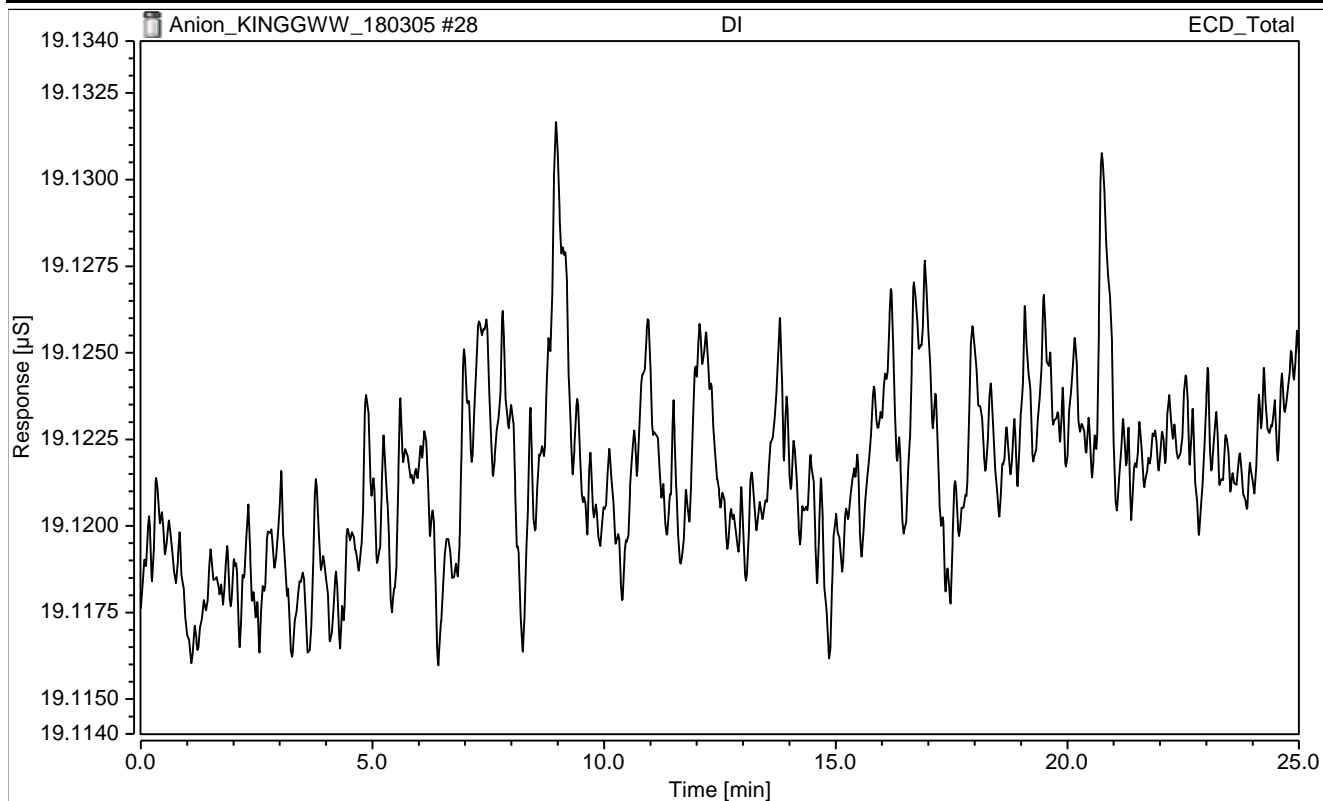
No.	Peak Name	Retention Time min	Area µS*min	Height µS	Relative Area %	Relative Height %	Amount
n.a.	Chloride	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Sulfate	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			0.000	0.000	0.00	0.00	

Chromatogram and SST Results

Injection Details

Injection Name:	DI	Run Time (min):	25.00
Vial Number:	28	Injection Volume:	25.00
Injection Type:	Blank	Channel:	ECD_Total
Calibration Level:		Wavelength:	n.a.
Instrument Method:	3AnionInstMeth	Bandwidth:	n.a.
Processing Method:	Anions	Dilution Factor:	1.0000
Injection Date/Time:	06/Mar/18 05:44	Sample Weight:	1.0000

Chromatogram



SST Results

No.	Name	Inj.Condition	Peak	Test Result	Injection
Number of executed test cases: n.a.			Total Result:	Passed	

Summary

Sequence Details

Name:	Anion_KINGGWW_180305	Created On:	05/Mar/18 17:36:41
Directory:	Instrument Data\ICS_1600\Data	Created By:	University of KS
Data Vault:	ChromeleonLocal	Updated On:	06/Mar/18 06:10:47
No. of Injections:	28	Updated By:	University of KS

By Component

Chloride

No.	Injection Name	Ret.Time min ECD_Total Chloride	Area μS*min ECD_Total Chloride	Height μS ECD_Total Chloride	Amount ECD_Total Chloride	Rel.Area % ECD_Total Chloride	Peak Type ECD_Total Chloride
1	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	STD 1	6.360	0.154	0.281	n.a.	24.84	M
3	STD 2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	STD 3	6.351	1.851	9.975	n.a.	21.05	M
5	STD 4	6.351	3.121	17.220	n.a.	21.16	M
6	STD 5	6.360	4.051	22.565	n.a.	21.22	M
7	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	KING_GWW1_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	KING_GWW1D_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	KING_GWW2_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	KING_GWW3_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	KING_GWW4_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	KING_GWW5_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	KING_GWW6_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15	KING_GWW7_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16	KING_GWW8_180203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17	STD 4	6.354	3.246	17.942	n.a.	21.19	M
18	KING_GWW1_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19	KING_GWW2_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	KING_GWW3_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21	KING_GWW4_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
22	KING_GWW4D_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	KING_GWW5_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24	KING_GWW6_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	KING_GWW7_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	KING_GWW8_180303	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
27	STD4	6.354	3.287	18.076	n.a.	21.21	M
28	DI	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.