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Level IV Data Package

MWH Group 216651

Method: EPA 300

2709180347
2709180348

ANIONS QC Checklist
(CHLORIDE, NITRITE, NITRATE & SULFATE)

Analysis Date: 9/18/07 **Analyst:** TLH

QC'd by MAE **Date** 09/20/07

Instrument: IC#7

Calibration including LCS/LCSD(Secondary Source)

✓ LCS/LCSD recovery is within 90% - 110% to verify that the calibration curve still holds.

✓ Correlation Coefficient of calibration curve for quadratic is 0.99 or better (0.995 for linear curve)

Initial QC Check (HCV2, HCV1, MCV, CCB, LOWRL, MRL,MBLANK,) to be analyzed with every batch (up to 20 samples) or part thereof

✓ MBLANK is analyzed before samples. Anions, if present, should be < or = half of the MRL (LOWRL or MRL).

✓ *LOWRL & MRL are within 50% - 150%*

✓ *HCV2, HCV1, MCV, LCS & LCSD are within 90% - 110%*

	CL	NO2-N	NO3	SO4
HCV2	80 (72 – 88)	8 (7.2 – 8.8)	8 (7.2 – 8.8)	160 (144 – 176)
HCV1	50 (45 – 55)	5 (4.5 – 5.5)	5 (4.5 – 5.5)	100 (90 – 110)
MCV	20 (18 – 22)	2 (1.8 – 2.2)	2 (1.8 – 2.2)	40 (36 – 44)
LOWRL	0.125	0.0125 (0.006 – 0.018)	0.0125 (0.006 – 0.018)	0.250 (0.125 – 0.375)
MRL	0.50 (0.25 – 0.75)	0.050 (0.025 – 0.075)	0.050 (0.025 – 0.075)	1.00 (0.50 – 1.50)
LCS/LCSD	25 (22.5 – 27.5)	1.00 (0.90 – 1.10)	2.50 (2.25 – 2.75)	50 (45 – 55)

MS/MSD: Acceptance criteria for : CL=74%-126% NO2-N=78-135% NO3=80%-112% SO4=83%-115%

✓ RPD between MS/MSD is within 10%

✓ One MS per 10 samples, one MSD per 20 samples or part thereof

Continuing Calibration Verification

✓ Verification checks alternate between mid-(MCV) and high- (HCV) levels during the analysis.

✓ Blank analyzed after each MCV and HCV

Samples

✓ All samples should be unpreserved

NO Samples for nitrate and nitrite are analyzed within 48 hours of collection.

✓ Samples for chloride and sulfate are analyzed within 28 days of collection.

QIR

N/A QIR needed for failed QC

N/A QIR needed for samples analyzed outside of hold time

Misc

Any sample with result above the MCL, inform the project manager

N/A for NO2-N, MCL = 1 ppm

✓ for NO3, MCL = 10 ppm

2709180039 WRD
2709180362
2709180361
2709180351 } Kerrmcgee

N/A NO3-LOW1

N/A SO4-LOW1

N/A NO39056

N/A CL-LF

N/A SO4-LF

✓ Change MDL for NO2-N & NO3 to 0.0125 for samples diluted more than 10X.

2709180362
2709180348
2709180361
2709180347
2709180351 } Kerrmcgee

DO not change

~~2709130~~ TLH

SUMMARY SHEET

File ID: 091807bn
Date Started: 09/18/07
Analyst ID: tlh

SAMPLE ID

AUTOCAL1	(11:54)	AUTOCAL2	(12:07)	AUTOCAL3	(12:20)
AUTOCAL4	(12:33)	AUTOCAL5	(12:46)	AUTOCAL6	(12:59)
AUTOCAL7	(13:12)	AUTOCAL8	(13:25)	AUTOCAL9	(13:38)
AUTOCAL10	(13:51)	AUTOCAL11	(14:04)	LOWRL	(09:45)
2709170379	(10:50)	2709170408	(11:29)	2709170411	(11:42)
2709170412	(11:55)	2709170410	(12:08)	2709170409	(12:21)
2709170119_1	(12:34)	2709170198_1	(13:44)	2709170117_1	(13:57)
2709170200_1	(14:10)	2709180381	(15:15)	2709180389	(15:41)
2709180319	(15:54)	2709180177_1	(16:07)	2709180402_1	(16:20)
2709180399_1	(16:33)	2709180034	(16:46)	2709180038_1	(16:59)
2709180039_1	(17:12)	2709180036_1	(17:25)	LOWRL	(18:23)
2709180037	(19:28)	2709180041_1	(20:07)	2709180362_1	(20:20)
2709180348_1	(20:33)	2709180361_1	(20:46)	2709180347_1	(20:59)
2709180351_1	(21:12)	2709180593	(21:25)	2709180317_1	(21:38)
2709180316_1	(21:51)	2709180454	(22:30)	2709180456	(22:56)
2709180459_1	(23:09)	2709180458_1	(23:22)	2709180457	(23:35)
2709180461_1	(23:48)	2709130693_1	(00:01)	2709140356_1	(00:14)
2709140138_1	(00:27)	2709120254_1	(00:40)	LOWRL	(01:32)
2709180552	(02:37)	2709180644_1	(03:16)	2709180730_1	(03:29)
2709180535_1	(03:42)	2709180553_1	(03:55)	2709180~~461~~ 532 1	(04:08)
2709180545_1	(04:21)	2709180547_1	(04:34)	2709180258_1	(04:47)
2709180254_1	(05:00)		()		

COMMENT:

Analyst: TLH

Approved By: MME091207

File ID: 091807bn RUN - LOG

Sample ID	Date	Time	Dil
AUTOCAL1	09/06/07	11:54	1
AUTOCAL2	09/06/07	12:07	1
AUTOCAL3	09/06/07	12:20	1
AUTOCAL4	09/06/07	12:33	1
AUTOCAL5	09/06/07	12:46	1
AUTOCAL6	09/06/07	12:59	1
AUTOCAL7	09/06/07	13:12	1
AUTOCAL8	09/06/07	13:25	1
AUTOCAL9	09/06/07	13:38	1
AUTOCAL10	09/06/07	13:51	1
AUTOCAL11	09/06/07	14:04	1
HCV2	09/18/07	08:53	1
HCV1	09/18/07	09:06	1
MCV	09/18/07	09:19	1
CCB	09/18/07	09:32	1
LOWRL	09/18/07	09:45	1
MRL	09/18/07	09:58	1
MBLANK	09/18/07	10:11	1
LCS	09/18/07	10:24	1
LCSD	09/18/07	10:37	1
2709170379	09/18/07	10:50	5
2709170379MS	09/18/07	11:03	5
2709170379MSD	09/18/07	11:16	5
2709170408	09/18/07	11:29	1
2709170411	09/18/07	11:42	1
2709170412	09/18/07	11:55	1
2709170410	09/18/07	12:08	1
2709170409	09/18/07	12:21	1
2709170119_1/2	09/18/07	12:34	2
2709170198_1/2	09/18/07	13:44	2
2709170117_1/2	09/18/07	13:57	2
2709170200_1/2	09/18/07	14:10	2
MCV	09/18/07	14:23	1
CCB	09/18/07	14:36	1
MCV	09/18/07	14:49	1
CCB	09/18/07	15:02	1
2709180381	09/18/07	15:15	1
2709180381MS	09/18/07	15:28	1
2709180389	09/18/07	15:41	1
2709180319	09/18/07	15:54	1
2709180177_1/2	09/18/07	16:07	2
2709180402_1/2	09/18/07	16:20	2
2709180399_1/2	09/18/07	16:33	2
2709180034	09/18/07	16:46	1
2709180038_1/2	09/18/07	16:59	2
2709180039_1/5	09/18/07	17:12	5
2709180036_1/2	09/18/07	17:25	2
HCV2	09/18/07	17:38	1
HCV1	09/18/07	17:51	1

File ID: 091807bn RUN - LOG

Sample ID	Date	Time	Dil
CCB	09/18/07	18:04	1
LOWRL	09/18/07	18:23	1
MRL	09/18/07	18:36	1
MBLANK	09/18/07	18:49	1
LCS	09/18/07	19:02	1
LCSD	09/18/07	19:15	1
2709180037	09/18/07	19:28	2
2709180037MS	09/18/07	19:41	2
2709180037MSD	09/18/07	19:54	2
2709180041_1/2	09/18/07	20:07	2
2709180362_1/25	09/18/07	20:20	25
2709180348_1/50	09/18/07	20:33	50
2709180361_1/25	09/18/07	20:46	25
2709180347_1/50	09/18/07	20:59	50
2709180351_1/25	09/18/07	21:12	25
2709180593	09/18/07	21:25	1
2709180317_1/2	09/18/07	21:38	2
2709180316_1/2	09/18/07	21:51	2
MCV	09/18/07	22:04	1
CCB	09/18/07	22:17	1
2709180454	09/18/07	22:30	2
2709180454MS	09/18/07	22:43	2
2709180456	09/18/07	22:56	1
2709180459_1/2	09/18/07	23:09	2
2709180458_1/2	09/18/07	23:22	2
2709180457	09/18/07	23:35	1
2709180461_1/2	09/18/07	23:48	2
2709130693_1/2	09/19/07	00:01	2
2709140356_1/10	09/19/07	00:14	10
2709140138_1/2	09/19/07	00:27	2
2709120254_1/5	09/19/07	00:40	5
HCV2	09/19/07	00:53	1
HCV1	09/19/07	01:06	1
CCB	09/19/07	01:19	1
LOWRL	09/19/07	01:32	1
MRL	09/19/07	01:45	1
MBLANK	09/19/07	01:58	1
LCS	09/19/07	02:11	1
LCSD	09/19/07	02:24	1
2709180552	09/19/07	02:37	2
2709180552MS	09/19/07	02:50	2
2709180552MSD	09/19/07	03:03	2
2709180644_1/2	09/19/07	03:16	2
2709180730_1/2	09/19/07	03:29	2
2709180535_1/2	09/19/07	03:42	2
2709180553_1/2	09/19/07	03:55	2
2709180~~461~~_1/2 532 TLH	09/19/07	04:08	2
2709180545_1/2	09/19/07	04:21	2
2709180547_1/2	09/19/07	04:34	2
2709180258_1/2	09/19/07	04:47	2

File ID: 091807bn RUN - LOG

Sample ID	Date	Time	Dil
2709180254_1/2	09/19/07	05:00	2
MCV	09/19/07	05:13	1
CCB	09/19/07	05:26	1
CCB	09/19/07	09:18	1
			0

BATCH NUMBER for 091807bn

Test Parameter:

CL NO2-N NO3 SO4 NO3A

Batch ID: 2709170379

2709170379	2709170408	2709170411
2709170412	2709170410	2709170409
2709170119_1/2	2709170198_1/2	2709170117_1/2
2709170200_1/2	2709180381	2709180389
2709180319	2709180177_1/2	2709180402_1/2
2709180399_1/2	2709180034	2709180038_1/2
2709180039_1/5	2709180036_1/2	

Batch ID: 2709180037

2709180037	2709180041_1/2	2709180362_1/25
2709180348_1/50	2709180361_1/25	2709180347_1/50
2709180351_1/25	2709180593	2709180317_1/2
2709180316_1/2	2709180454	2709180456
2709180459_1/2	2709180458_1/2	2709180457
2709180461_1/2	2709130693_1/2	2709140356_1/10
2709140138_1/2	2709120254_1/5	

Batch ID: 2709180552

2709180552	2709180644_1/2	2709180730_1/2
2709180535_1/2	2709180553_1/2	2709180461_1/2 532 nd
2709180545_1/2	2709180547_1/2	2709180258_1/2
2709180254_1/2		

File ID: 091807bn NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
AUTOCAL1	09/06/07	11:54	1	0	ND		
AUTOCAL2	09/06/07	12:07	1	.01160718	ND		
AUTOCAL3	09/06/07	12:20	1	.02405	ND		
AUTOCAL4	09/06/07	12:33	1	.04558313	ND		
AUTOCAL5	09/06/07	12:46	1	.09137611	.1		
AUTOCAL6	09/06/07	12:59	1	.18668	0.19		
AUTOCAL7	09/06/07	13:12	1	.48184	0.48		
AUTOCAL8	09/06/07	13:25	1	.97730	0.98		
AUTOCAL9	09/06/07	13:38	1	2.4689	2.5		
AUTOCAL10	09/06/07	13:51	1	5.0331	5.0		
AUTOCAL11	09/06/07	14:04	1	9.9945	10		
HCV2	09/18/07	08:53	1	7.8964	7.9	90-110	98.7%
HCV1	09/18/07	09:06	1	5.0054	5.01	90-110	100%
MCV	09/18/07	09:19	1	1.9923	1.99	90-110	99.6%
CCB	09/18/07	09:32	1	0	ND		
LOWRL	09/18/07	09:45	1	.01036725	ND	TV=0.0125	82.9%
MRL	09/18/07	09:58	1	.04312686	ND	50-150	86.2%
MBLANK	09/18/07	10:11	1	0	ND		
LCS	09/18/07	10:24	1	2.4920	2.49	90-110	99.6%
LCSD	09/18/07	10:37	1	2.4210	2.42	90-110	96.8%
2709170379	09/18/07	10:50	5	0	ND		
2709170379MS	09/18/07	11:03	5	6.0388	6.04	1.21 [~~6.039~~]	96.6%
2709170379MSD	09/18/07	11:16	5	6.0016	6.00 1.20	[~~6.002~~]	96.0% TV=1.25
2709170379T	09/18/07	11:16	5		6.25	~~90 - 110~~ 80-112	
2709170408	09/18/07	11:29	1	5.0642	5.1		
2709170411	09/18/07	11:42	1	4.8732	4.9		
2709170412	09/18/07	11:55	1	.61024	0.61		
2709170410	09/18/07	12:08	1	4.2497	4.2		
2709170409	09/18/07	12:21	1	.34514	0.35		
2709170119_1/2	09/18/07	12:34	2	5.1991	5.2		
2709170198_1/2	09/18/07	13:44	2	3.3703	3.4		
2709170117_1/2	09/18/07	13:57	2	5.4377	5.4		
2709170200_1/2	09/18/07	14:10	2	2.3364	2.3		
MCV	09/18/07	14:23	1	1.9997	2.00	90-110	99.9%
CCB	09/18/07	14:36	1	0	ND		
MCV	09/18/07	14:49	1	2.0031	2.00	90-110	100%
CCB	09/18/07	15:02	1	0	ND		
2709180381	09/18/07	15:15	1	.14454	0.14		
2709180381MS	09/18/07	15:28	1	1.3470	1.35	[1.202]	96.1% TV=1.25
2709180389	09/18/07	15:41	1	1.5835	1.6		
2709180319	09/18/07	15:54	1	.007440913	ND		

File ID: 091807bn NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2709180177_1/2	09/18/07	16:07	2	.93318	0.93 ✓		
2709180402_1/2	09/18/07	16:20	2	3.5322	3.5 ✓		
2709180399_1/2	09/18/07	16:33	2	3.7465	3.7 ✓		
2709180034	09/18/07	16:46	1	0	ND ✓		
2709180038_1/2	09/18/07	16:59	2	.07223758	ND ✓		
2709180039_1/5	09/18/07	17:12	5	12.289	12 ✓		
2709180036_1/2	09/18/07	17:25	2	0	ND ✓		
HCV2	09/18/07	17:38	1	8.0683	8.07	90-110	100%
HCV1	09/18/07	17:51	1	5.0386	5.04	90-110	100%
CCB	09/18/07	18:04	1	0	ND		
LOWRL	09/18/07	18:23	1	.01060741	ND TV=0.0125		84.9%
MRL	09/18/07	18:36	1	.04520	ND	50-150	90.4%
MBLANK	09/18/07	18:49	1	0	ND		
LCS	09/18/07	19:02	1	2.5227	2.52 ✓	90-110	100%
LCSD	09/18/07	19:15	1	2.4366	2.44 ✓	90-110	97.4%
2709180037	09/18/07	19:28	2	0	ND ✓	1.22 ✓	
2709180037MS	09/18/07	19:41	2	2.4311	2.43	[~~2.431~~] ✓	97.2% TV=1.25
2709180037MSD	09/18/07	19:54	2	2.4320	2.43 1.22	[~~2.432~~]	97.2%
2709180037T	09/18/07	19:54	2		2.50	~~90 - 110~~ 80-112	
2709180041_1/2	09/18/07	20:07	2	0	ND ✓		
2709180362_1/25	09/18/07	20:20	25	13.558	14 ✓		
2709180348_1/50	09/18/07	20:33	50	1.7796	ND ✓		
2709180361_1/25	09/18/07	20:46	25	13.717	14 ✓		
2709180347_1/50	09/18/07	20:59	50	0	ND ✓		
2709180351_1/25	09/18/07	21:12	25	14.207	14 ✓		
2709180593	09/18/07	21:25	1	1.4096	1.4 ✓		
2709180317_1/2	09/18/07	21:38	2	5.0633	5.1 ✓		
2709180316_1/2	09/18/07	21:51	2	5.0628	5.1 ✓		
MCV	09/18/07	22:04	1	2.0146	2.01	90-110	100%
CCB	09/18/07	22:17	1	0	ND		
2709180454	09/18/07	22:30	2	1.7035	1.7 ✓	1.25	
2709180454MS	09/18/07	22:43	2	4.2065	4.21	[~~2.503~~]	100% TV=1.25
2709180456	09/18/07	22:56	1	2.9636	3.0 ✓		
2709180459_1/2	09/18/07	23:09	2	5.0493	5.0 ✓		
2709180458_1/2	09/18/07	23:22	2	2.7414	2.7 ✓		
2709180457	09/18/07	23:35	1	3.1108	3.1 ✓		
2709180461_1/2	09/18/07	23:48	2	1.4410	1.4		
2709130693_1/2	09/19/07	00:01	2	15.263	15		
2709140356_1/10	09/19/07	00:14	10	0	ND		
2709140138_1/2	09/19/07	00:27	2	.62620	0.63		
2709120254_1/5	09/19/07	00:40	5	.21276	ND		

File ID: 091807bn NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
HCV2	09/19/07	00:53	1	8.0749	8.07	90-110	100%
HCV1	09/19/07	01:06	1	5.1042	5.1	90-110	102%
CCB	09/19/07	01:19	1	0	ND		
LOWRL	09/19/07	01:32	1	.01181917	ND TV=0.0125		94.6%
MRL	09/19/07	01:45	1	.04684444	ND	50-150	93.6%
MBLANK	09/19/07	01:58	1	0	ND		
LCS	09/19/07	02:11	1	2.5158	2.52	90-110	100%
LCSD	09/19/07	02:24	1	2.4340	2.43	90-110	97.3%
2709180552	09/19/07	02:37	2	4.1031	4.1	1.21	
2709180552MS	09/19/07	02:50	2	6.5209	6.52	[~~2.418~~]	96.7% TV=1.25
2709180552MSD	09/19/07	03:03	2	6.4882	6.49 1.19	[~~2.385~~]	95.4%
2709180552T	09/19/07	03:03	2		2.50	~~90 - 110~~ 80-112	
2709180644_1/2	09/19/07	03:16	2	2.7692	2.8		
2709180730_1/2	09/19/07	03:29	2	3.6507	3.7		
2709180535_1/2	09/19/07	03:42	2	4.3243	4.3		
2709180553_1/2	09/19/07	03:55	2	4.1366	4.1		
2709180~~461~~_1/2 S32 RM	09/19/07	04:08	2	4.4024	4.4		
2709180545_1/2	09/19/07	04:21	2	4.1619	4.2		
2709180547_1/2	09/19/07	04:34	2	4.3643	4.4		
2709180258_1/2	09/19/07	04:47	2	3.8711	3.9		
2709180254_1/2	09/19/07	05:00	2	5.4717	5.5		
MCV	09/19/07	05:13	1	2.0031	2.00	90-110	100%
CCB	09/19/07	05:26	1	0	ND		
CCB	09/19/07	09:18	1	0	ND		
			0	N/A	ND		

No.,	Sample Name,	Time,	Dil.Fac.,	Amount, CL, ECD_1,	Amount, NO2-N, ECD_1,	Amount, NO3, ECD_1,	Amount , SO4, ECD_1,
1,	AUTOCAL1,	09/06/07 11:54,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
2,	AUTOCAL2,	09/06/07 12:07,	1.0,	0.108119545,	0.011433785,	0.0116072,	0.22406096,
3,	AUTOCAL3,	09/06/07 12:20,	1.0,	0.211765905,	0.021243934,	0.0240595,	0.4501903,
4,	AUTOCAL4,	09/06/07 12:33,	1.0,	0.430123768,	0.046369894,	0.0455831,	0.93619014,
5,	AUTOCAL5,	09/06/07 12:46,	1.0,	0.85668409,	0.092209655,	0.0913761,	1.94103465,
6,	AUTOCAL6,	09/06/07 12:59,	1.0,	1.712295632,	0.18595834,	0.1866875,	3.81775929,
7,	AUTOCAL7,	09/06/07 13:12,	1.0,	4.59581195,	0.478868213,	0.4818453,	9.92234206,
8,	AUTOCAL8,	09/06/07 13:25,	1.0,	9.62972918,	0.967384293,	0.9773001,	19.9264903,
9,	AUTOCAL9,	09/06/07 13:38,	1.0,	25.37158691,	2.468030691,	2.4689119,	50.09595,
10,	AUTOCAL10,	09/06/07 13:51,	1.0,	49.9371694,	5.037633882,	5.0331047,	99.9827103,
11,	AUTOCAL11,	09/06/07 14:04,	1.0,	89.46029708,	9.993651261,	9.9945544,	186.105072,
12,	HCV2,	09/18/07 08:53,	1.0,	74.03522935,	7.845420658,	7.8964253,	152.734316,
13,	HCV1,	09/18/07 09:06,	1.0,	49.69700983,	4.984499165,	5.0054955,	99.7273044,
14,	MCV,	09/18/07 09:19,	1.0,	20.35036235,	1.954407262,	1.9923075,	40.5946877,
15,	CCB,	09/18/07 09:32,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
16,	LOWRL,	09/18/07 09:45,	1.0,	0.112781176,	0.012811025,	0.0103673,	0.22407374,
17,	MRL,	09/18/07 09:58,	1.0,	0.423351804,	0.046257391,	0.0431269,	0.91506297,
18,	MBLANK,	09/18/07 10:11,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
19,	LCS,	09/18/07 10:24,	1.0,	25.75590446,	0.967401028,	2.4920268,	51.4991136,
20,	LCSD,	09/18/07 10:37,	1.0,	25.01323435,	0.938144631,	2.4210852,	50.0027695,
21,	2709170379,	09/18/07 10:50,	5.0,	134.2294356,	n.a.,	n.a.,	215.560553,
22,	2709170379MS,	09/18/07 11:03,	5.0,	194.3365007,	2.20013848,	6.0388448,	339.122435,
23,	2709170379MSD,	09/18/07 11:16,	5.0,	194.7254202,	2.201141537,	6.0016671,	338.517173,
24,	2709170408,	09/18/07 11:29,	1.0,	6.858533544,	n.a.,	5.0642019,	18.136036,
25,	2709170411,	09/18/07 11:42,	1.0,	7.677734961,	n.a.,	4.8732155,	28.0334283,
26,	2709170412,	09/18/07 11:55,	1.0,	58.00603501,	n.a.,	0.6102449,	29.7202982,
27,	2709170410,	09/18/07 12:08,	1.0,	14.47459639,	n.a.,	4.2497663,	28.1293713,
28,	2709170409,	09/18/07 12:21,	1.0,	73.69613749,	n.a.,	0.3451404,	31.5217522,
29,	2709170119_1/2,	09/18/07 12:34,	2.0,	28.91112241,	n.a.,	5.1991518,	69.5318963,
30,	2709170198_1/2,	09/18/07 13:44,	2.0,	20.1850248,	n.a.,	3.3703508,	82.5055848,
31,	2709170117_1/2,	09/18/07 13:57,	2.0,	30.41484802,	n.a.,	5.4377011,	68.6956506,
32,	2709170200_1/2,	09/18/07 14:10,	2.0,	14.72002795,	n.a.,	2.3364551,	50.9474984,
33,	MCV,	09/18/07 14:23,	1.0,	20.40442634,	1.959436492,	1.9997895,	40.6525018,
34,	CCB,	09/18/07 14:36,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
35,	MCV,	09/18/07 14:49,	1.0,	20.47313979,	1.957404454,	2.0031432,	40.7359852,
36,	CCB,	09/18/07 15:02,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
37,	2709180381,	09/18/07 15:15,	1.0,	0.200211834,	n.a.,	0.1445413,	n.a.,
38,	2709180381MS,	09/18/07 15:28,	1.0,	12.1488491,	0.454345206,	1.3470062,	24.7598916,
39,	2709180389,	09/18/07 15:41,	1.0,	20.76139889,	n.a.,	1.5835809,	26.9239176,
40,	2709180319,	09/18/07 15:54,	1.0,	3.995903769,	n.a.,	0.0074409,	6.61474633,
41,	2709180177_1/2,	09/18/07 16:07,	2.0,	33.82465027,	n.a.,	0.9331834,	31.601599,
42,	2709180402_1/2,	09/18/07 16:20,	2.0,	24.69092403,	n.a.,	3.5322243,	30.447922,
43,	2709180399_1/2,	09/18/07 16:33,	2.0,	24.56937339,	n.a.,	3.7465301,	30.8962262,
44,	2709180034,	09/18/07 16:46,	1.0,	15.3836854,	n.a.,	n.a.,	48.7752867,

45,	2709180038_1/2,	09/18/07 16:59,	2.0,	35.14629687,	n.a.,	0.0722376,	91.6077009,
46,	2709180039_1/5,	09/18/07 17:12,	5.0,	219.0506878,	n.a.,	12.289397,	90.7775315,
47,	2709180036_1/2,	09/18/07 17:25,	2.0,	25.87779718,	n.a.,	n.a.,	94.6895959,
48,	HCV2,	09/18/07 17:38,	1.0,	74.3099765,	7.93635064,	8.0683802,	154.061663,
49,	HCV1,	09/18/07 17:51,	1.0,	49.85483096,	5.005281417,	5.0386288,	99.9906984,
50,	CCB,	09/18/07 18:04,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
51,	LOWRL,	09/18/07 18:23,	1.0,	0.109978996,	0.011912326,	0.0106074,	0.21884717,
52,	MRL,	09/18/07 18:36,	1.0,	0.425698561,	0.046639042,	0.0452012,	0.92337857,
53,	MBLANK,	09/18/07 18:49,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
54,	LCS,	09/18/07 19:02,	1.0,	26.02601435,	0.969666979,	2.5227574,	52.0182075,
55,	LCSD,	09/18/07 19:15,	1.0,	25.16126164,	0.942027018,	2.4366568,	50.2520915,
56,	2709180037,	09/18/07 19:28,	2.0,	15.45814729,	n.a.,	n.a.,	57.1624194,
57,	2709180037MS,	09/18/07 19:41,	2.0,	41.54210778,	0.896986411,	2.4311702,	107.366045,
58,	2709180037MSD,	09/18/07 19:54,	2.0,	41.49297559,	0.900573774,	2.4320181,	107.543889,
59,	2709180041_1/2,	09/18/07 20:07,	2.0,	15.38180853,	n.a.,	n.a.,	56.9514905,
60,	2709180362_1/25,	09/18/07 20:20,	25.0,	291.2124131,	n.a.,	13.558752,	562.650846,
61,	2709180348_1/50,	09/18/07 20:33,	50.0,	1959.264001,	n.a.,	1.7796446,	1575.72923,
62,	2709180361_1/25,	09/18/07 20:46,	25.0,	294.6350446,	n.a.,	13.717132,	569.821422,
63,	2709180347_1/50,	09/18/07 20:59,	50.0,	2258.913467,	n.a.,	n.a.,	1583.36575,
64,	2709180351_1/25,	09/18/07 21:12,	25.0,	267.4671977,	n.a.,	14.207513,	601.914087,
65,	2709180593,	09/18/07 21:25,	1.0,	8.000319862,	n.a.,	1.4096347,	21.2798206,
66,	2709180317_1/2,	09/18/07 21:38,	2.0,	17.34860384,	n.a.,	5.0633318,	34.5546228,
67,	2709180316_1/2,	09/18/07 21:51,	2.0,	17.39629879,	n.a.,	5.0628316,	34.5464644,
68,	MCV,	09/18/07 22:04,	1.0,	20.58927875,	1.963318305,	2.014622,	41.0150729,
69,	CCB,	09/18/07 22:17,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
70,	2709180454,	09/18/07 22:30,	2.0,	109.4309397,	n.a.,	1.7035678,	4.01852658,
71,	2709180454MS,	09/18/07 22:43,	2.0,	129.9784761,	0.840593346,	4.2065386,	54.7811601,
72,	2709180456,	09/18/07 22:56,	1.0,	65.70438056,	n.a.,	2.9636537,	32.0174169,
73,	2709180459_1/2,	09/18/07 23:09,	2.0,	94.12557614,	n.a.,	5.0493333,	11.8052005,
74,	2709180458_1/2,	09/18/07 23:22,	2.0,	112.0932436,	n.a.,	2.7414619,	8.84471642,
75,	2709180457,	09/18/07 23:35,	1.0,	61.3516369,	0.01174161,	3.1108498,	31.1400268,
76,	2709180461_1/2,	09/18/07 23:48,	2.0,	115.9432245,	n.a.,	1.4410312,	0.04378386,
77,	2709130693_1/2,	09/19/07 00:01,	2.0,	16.3957585,	n.a.,	15.263982,	55.166591,
78,	2709140356_1/10,	09/19/07 00:14,	10.0,	269.5050889,	n.a.,	n.a.,	257.287525,
79,	2709140138_1/2,	09/19/07 00:27,	2.0,	94.64668432,	n.a.,	0.6262018,	18.1490686,
80,	2709120254_1/5,	09/19/07 00:40,	5.0,	95.45407041,	n.a.,	0.2127698,	262.395017,
81,	HCV2,	09/19/07 00:53,	1.0,	74.73026923,	7.931733237,	8.0749491,	154.418682,
82,	HCV1,	09/19/07 01:06,	1.0,	50.32620533,	5.009900957,	5.1042158,	101.292563,
83,	CCB,	09/19/07 01:19,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
84,	LOWRL,	09/19/07 01:32,	1.0,	0.123431411,	0.013303733,	0.0118192,	0.25073364,
85,	MRL,	09/19/07 01:45,	1.0,	0.426921677,	0.047090066,	0.0468444,	0.92854677,
86,	MBLANK,	09/19/07 01:58,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
87,	LCS,	09/19/07 02:11,	1.0,	25.99814151,	0.970910162,	2.5158934,	51.9702455,
88,	LCSD,	09/19/07 02:24,	1.0,	25.18593885,	0.940419425,	2.4340853,	50.2951024,
89,	2709180552,	09/19/07 02:37,	2.0,	38.41837462,	n.a.,	4.1031577,	174.69767,
90,	2709180552MS,	09/19/07 02:50,	2.0,	63.23601968,	0.886494278,	6.5209768,	219.569553,
91,	2709180552MSD,	09/19/07 03:03,	2.0,	62.96217366,	0.893140983,	6.4882649,	218.508579,
92,	2709180644_1/2,	09/19/07 03:16,	2.0,	16.73253348,	n.a.,	2.769231,	49.1667425,

93,	2709180730_1/2,	09/19/07 03:29,	2.0,	49.23010458,	n.a.,	3.6507229,	136.233372,
94,	2709180535_1/2,	09/19/07 03:42,	2.0,	38.77598066,	n.a.,	4.324398,	177.052826,
95,	2709180553_1/2,	09/19/07 03:55,	2.0,	38.5811654,	n.a.,	4.1366608,	175.474686,
96,	2709180532_1/2,	09/19/07 04:08,	2.0,	38.7126973,	n.a.,	4.4024844,	176.942419,
97,	2709180545_1/2,	09/19/07 04:21,	2.0,	38.48798345,	n.a.,	4.161911,	175.274438,
98,	2709180547_1/2,	09/19/07 04:34,	2.0,	38.44336435,	n.a.,	4.3643977,	175.73915,
99,	2709180258_1/2,	09/19/07 04:47,	2.0,	20.96448157,	n.a.,	3.8711233,	73.2719926,
100,	2709180254_1/2,	09/19/07 05:00,	2.0,	30.2851774,	n.a.,	5.4717486,	69.6695882,
101,	MCV,	09/19/07 05:13,	1.0,	20.57009428,	1.958378531,	2.0031578,	40.9599316,
102,	CCB,	09/19/07 05:26,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
103,	CCB,	09/19/07 09:18,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,

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Sequence: 091807-ANION-IC7
Operator: tlh

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\September
Timebase: IC7
#Samples: 103

Created: 9/18/2007 8:43:55 AM by tlh
Last Update: 9/19/2007 3:33:04 PM by tlh

No.	Name	Sample ID	Dil. Factor	Type	Pos.	Inj. Vol.	Program
1	AUTOCAL1		1.0000	Standard	18	1000.0	IC7-ANIONS PROGRAM
2	AUTOCAL2		1.0000	Standard	17	1000.0	IC7-ANIONS PROGRAM
3	AUTOCAL3		1.0000	Standard	18	1000.0	IC7-ANIONS PROGRAM
4	AUTOCAL4		1.0000	Standard	18	1000.0	IC7-ANIONS PROGRAM
5	AUTOCAL5		1.0000	Standard	18	1000.0	IC7-ANIONS PROGRAM
6	AUTOCAL6		1.0000	Standard	18	1000.0	IC7-ANIONS PROGRAM
7	AUTOCAL7		1.0000	Standard	19	1000.0	IC7-ANIONS PROGRAM
8	AUTOCAL8		1.0000	Standard	20	1000.0	IC7-ANIONS PROGRAM
9	AUTOCAL9		1.0000	Standard	23	1000.0	IC7-ANIONS PROGRAM
10	AUTOCAL10		1.0000	Standard	24	1000.0	IC7-ANIONS PROGRAM
11	AUTOCAL11		1.0000	Standard	24	1000.0	IC7-ANIONS PROGRAM
12	HCV2		1.0000	Unknown	99	1000.0	IC7-ANIONS PROGRAM
13	HCV1		1.0000	Unknown	97	1000.0	IC7-ANIONS PROGRAM
14	MCV		1.0000	Unknown	99	1000.0	IC7-ANIONS PROGRAM
15	CCB		1.0000	Unknown	100	1000.0	IC7-ANIONS PROGRAM
16	LOWRL		1.0000	Unknown	100	1000.0	IC7-ANIONS PROGRAM
17	MRL		1.0000	Unknown	100	1000.0	IC7-ANIONS PROGRAM
18	MBLANK		1.0000	Unknown	102	1000.0	IC7-ANIONS PROGRAM
19	LCS		1.0000	Unknown	114	1000.0	IC7-ANIONS PROGRAM
20	LCSD		1.0000	Unknown	114	1000.0	IC7-ANIONS PROGRAM
21	2709170379	[redacted]	5.0000	Unknown	115	1000.0	IC7-ANIONS PROGRAM
22	2709170379MS	[redacted]	5.0000	Unknown	116	1000.0	IC7-ANIONS PROGRAM
23	2709170379MSD	[redacted]	5.0000	Unknown	117	1000.0	IC7-ANIONS PROGRAM
24	2709170408	[redacted]	1.0000	Unknown	117	1000.0	IC7-ANIONS PROGRAM
25	2709170411	[redacted]	1.0000	Unknown	117	1000.0	IC7-ANIONS PROGRAM
26	2709170412	[redacted]	1.0000	Unknown	117	1000.0	IC7-ANIONS PROGRAM
27	2709170410	[redacted]	1.0000	Unknown	117	1000.0	IC7-ANIONS PROGRAM
28	2709170409	[redacted]	1.0000	Unknown	117	1000.0	IC7-ANIONS PROGRAM
29	2709170119_1/2	[redacted]	2.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
30	2709170198_1/2	[redacted]	2.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
31	2709170117_1/2	[redacted]	2.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
32	2709170200_1/2	[redacted]	2.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
33	MCV		1.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
34	CCB		1.0000	Unknown	117	1000.0	IC7-ANIONS PROGRAM
35	MCV		1.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
36	CCB		1.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
37	2709180381	[redacted]	1.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
38	2709180381MS	[redacted]	1.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
39	2709180389	[redacted]	1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
40	2709180319	[redacted]	1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
41	2709180177_1/2	[redacted]	2.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
42	2709180402_1/2	[redacted]	2.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM

Sequence: 091807-ANION-IC7
Operator: tlh

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\September
Timebase: IC7
#Samples: 103

Created: 9/18/2007 8:43:55 AM by tlh
Last Update: 9/19/2007 3:33:04 PM by tlh

No.	Name	Method	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
1	AUTOCAL1	ANION-IC#7	Finished		9/6/2007 11:54:49 AM	TLH		
2	AUTOCAL2	ANION-IC#7	Finished	TLH070814-1	9/6/2007 12:07:48 PM	TLH		
3	AUTOCAL3	ANION-IC#7	Finished	TLH070814-2	9/6/2007 12:20:48 PM	TLH		
4	AUTOCAL4	ANION-IC#7	Finished	TLH070814-3	9/6/2007 12:33:48 PM	TLH		
5	AUTOCAL5	ANION-IC#7	Finished	TLH070814-4	9/6/2007 12:46:48 PM	TLH		
6	AUTOCAL6	ANION-IC#7	Finished	TLH070814-5	9/6/2007 12:59:49 PM	TLH		
7	AUTOCAL7	ANION-IC#7	Finished	TLH070814-6	9/6/2007 1:12:49 PM	TLH		
8	AUTOCAL8	ANION-IC#7	Finished	TLH070814-7	9/6/2007 1:25:49 PM	TLH		
9	AUTOCAL9	ANION-IC#7	Finished	TLH070814-8	9/6/2007 1:38:48 PM	TLH		
10	AUTOCAL10	ANION-IC#7	Finished	TLH070814-9	9/6/2007 1:51:48 PM	TLH		
11	AUTOCAL11	ANION-IC#7	Finished	TLH070814-10	9/6/2007 2:04:48 PM	TLH		
12	HCV2	ANION-IC#7	Finished		9/18/2007 8:53:47 AM	TLH		
13	HCV1	ANION-IC#7	Finished		9/18/2007 9:06:47 AM	TLH		
14	MCV	ANION-IC#7	Finished		9/18/2007 9:19:47 AM	TLH		
15	CCB	ANION-IC#7	Finished		9/18/2007 9:32:46 AM	TLH		
16	LOWRL	ANION-IC#7	Finished		9/18/2007 9:45:46 AM	TLH		
17	MRL	ANION-IC#7	Finished		9/18/2007 9:58:46 AM	TLH		
18	MBLANK	ANION-IC#7	Finished		9/18/2007 10:11:46 AM	TLH		
19	LCS	ANION-IC#7	Finished		9/18/2007 10:24:46 AM	TLH		
20	LCSD	ANION-IC#7	Finished		9/18/2007 10:37:47 AM	TLH		
21	2709170379	ANION-IC#7	Finished		9/18/2007 10:50:47 AM	TLH		
22	2709170379MS	ANION-IC#7	Finished		9/18/2007 11:03:47 AM	TLH		
23	2709170379MSD	ANION-IC#7	Finished		9/18/2007 11:16:47 AM	TLH		
24	2709170408	ANION-IC#7	Finished		9/18/2007 11:29:47 AM	TLH		
25	2709170411	ANION-IC#7	Finished		9/18/2007 11:42:47 AM	TLH		
26	2709170412	ANION-IC#7	Finished		9/18/2007 11:55:48 AM	TLH		
27	2709170410	ANION-IC#7	Finished		9/18/2007 12:08:57 PM	TLH		
28	2709170409	ANION-IC#7	Finished		9/18/2007 12:21:58 PM	TLH		
29	2709170119_1/2	ANION-IC#7	Finished		9/18/2007 12:34:58 PM	TLH		
30	2709170198_1/2	ANION-IC#7	Finished		9/18/2007 1:44:12 PM	TLH		
31	2709170117_1/2	ANION-IC#7	Finished		9/18/2007 1:57:12 PM	TLH		
32	2709170200_1/2	ANION-IC#7	Finished		9/18/2007 2:10:12 PM	TLH		
33	MCV	ANION-IC#7	Finished		9/18/2007 2:23:12 PM	TLH		
34	CCB	ANION-IC#7	Finished		9/18/2007 2:36:11 PM	TLH		
35	MCV	ANION-IC#7	Finished	EXTRA	9/18/2007 2:49:11 PM	TLH		
36	CCB	ANION-IC#7	Finished	QC	9/18/2007 3:02:10 PM	TLH		
37	2709180381	ANION-IC#7	Finished	H3	9/18/2007 3:15:10 PM	TLH		
38	2709180381MS	ANION-IC#7	Finished		9/18/2007 3:28:10 PM	TLH		
39	2709180389	ANION-IC#7	Finished	H3	9/18/2007 3:41:10 PM	TLH		
40	2709180319	ANION-IC#7	Finished		9/18/2007 3:54:10 PM	TLH		
41	2709180177_1/2	ANION-IC#7	Finished		9/18/2007 4:07:09 PM	TLH		
42	2709180402_1/2	ANION-IC#7	Finished		9/18/2007 4:20:09 PM	TLH		

Sequence: 091807-ANION-IC7
Operator: tlh

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\September
Timebase: IC7
#Samples: 103

Created: 9/18/2007 8:43:55 AM by tlh
Last Update: 9/19/2007 3:33:04 PM by tlh

No.	Name	Sample ID	Dil. Factor	Type	Pos.	Inj. Vol.	Program
43	2709180399_1/2	[redacted]	2.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
44	2709180034	[redacted]	1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
45	2709180038_1/2	[redacted]	2.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
46	2709180039_1/5	[redacted]	5.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
47	2709180036_1/2	[redacted]	2.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
48	HCV2		1.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
49	HCV1		1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
50	CCB		1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
51	LOWRL		1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
52	MRL		1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
53	MBLANK		1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
54	LCS		1.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
55	LCSD		1.0000	Unknown	118	1000.0	IC7-ANIONS PROGRAM
56	2709180037	[redacted]	2.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
57	2709180037MS	[redacted]	2.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
58	2709180037MSD	[redacted]	2.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
59	2709180041_1/2	[redacted]	2.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
60	2709180362_1/25	KERRMCGEE LVW 5.5	25.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
61	2709180348_1/50	KERRMCGEE INFLUENT	50.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
62	2709180361_1/25	KERRMCGEE LVW 6.05	25.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
63	2709180347_1/50	KERRMCGEE EFFLUENT	50.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
64	2709180351_1/25	KERRMCGEE UPGRADIENT	25.0000	Unknown	119	1000.0	IC7-ANIONS PROGRAM
65	2709180593	[redacted]	1.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
66	2709180317_1/2	[redacted]	2.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
67	2709180316_1/2	[redacted]	2.0000	Unknown	120	1000.0	IC7-ANIONS PROGRAM
68	MCV		1.0000	Unknown	121	1000.0	IC7-ANIONS PROGRAM
69	CCB		1.0000	Unknown	122	1000.0	IC7-ANIONS PROGRAM
70	2709180454	[redacted]ervoir #3_1/2	2.0000	Unknown	123	1000.0	IC7-ANIONS PROGRAM
71	2709180454MS	[redacted]1/2	2.0000	Unknown	124	1000.0	IC7-ANIONS PROGRAM
72	2709180456	[redacted]	1.0000	Unknown	125	1000.0	IC7-ANIONS PROGRAM
73	2709180459_1/2	[redacted]	2.0000	Unknown	126	1000.0	IC7-ANIONS PROGRAM
74	2709180458_1/2	[redacted]	2.0000	Unknown	127	1000.0	IC7-ANIONS PROGRAM
75	2709180457	[redacted]	1.0000	Unknown	127	1000.0	IC7-ANIONS PROGRAM
76	2709180461_1/2	[redacted]	2.0000	Unknown	127	1000.0	IC7-ANIONS PROGRAM
77	2709130693_1/2	[redacted]	2.0000	Unknown	127	1000.0	IC7-ANIONS PROGRAM
78	2709140356_1/10	[redacted]	10.0000	Unknown	127	1000.0	IC7-ANIONS PROGRAM
79	2709140138_1/2	[redacted]	2.0000	Unknown	128	1000.0	IC7-ANIONS PROGRAM
80	2709120254_1/5	[redacted]	5.0000	Unknown	129	1000.0	IC7-ANIONS PROGRAM
81	HCV2		1.0000	Unknown	130	1000.0	IC7-ANIONS PROGRAM
82	HCV1		1.0000	Unknown	131	1000.0	IC7-ANIONS PROGRAM
83	CCB		1.0000	Unknown	132	1000.0	IC7-ANIONS PROGRAM
84	LOWRL		1.0000	Unknown	132	1000.0	IC7-ANIONS PROGRAM

Sequence: 091807-ANION-IC7
Operator: tlh
Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\September
Timebase: IC7
#Samples: 103

Created: 9/18/2007 8:43:55 AM by tlh
Last Update: 9/19/2007 3:33:04 PM by tlh

No.	Name	Method	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
43	2709180399_1/2	ANION-IC#7	Finished		9/18/2007 4:33:08 PM	TLH		
44	2709180034	ANION-IC#7	Finished		9/18/2007 4:46:08 PM	TLH		
45	2709180038_1/2	ANION-IC#7	Finished		9/18/2007 4:59:08 PM	TLH		
46	2709180039_1/5	ANION-IC#7	Finished		9/18/2007 5:12:08 PM	TLH		
47	2709180036_1/2	ANION-IC#7	Finished		9/18/2007 5:25:08 PM	TLH		
48	HCV2	ANION-IC#7	Finished		9/18/2007 5:38:07 PM	TLH		
49	HCV1	ANION-IC#7	Finished		9/18/2007 5:51:07 PM	TLH		
50	CCB	ANION-IC#7	Finished		9/18/2007 6:04:06 PM	TLH		
51	LOWRL	ANION-IC#7	Finished		9/18/2007 6:23:23 PM	TLH		
52	MRL	ANION-IC#7	Finished		9/18/2007 6:36:22 PM	TLH		
53	MBLANK	ANION-IC#7	Finished		9/18/2007 6:49:22 PM	TLH		
54	LCS	ANION-IC#7	Finished		9/18/2007 7:02:22 PM	TLH		
55	LCSD	ANION-IC#7	Finished		9/18/2007 7:15:22 PM	TLH		
56	2709180037	ANION-IC#7	Finished		9/18/2007 7:28:22 PM	TLH		
57	2709180037MS	ANION-IC#7	Finished		9/18/2007 7:41:22 PM	TLH		
58	2709180037MSD	ANION-IC#7	Finished		9/18/2007 7:54:22 PM	TLH		
59	2709180041_1/2	ANION-IC#7	Finished		9/18/2007 8:07:21 PM	TLH		
60	2709180362_1/25	ANION-IC#7	Finished		9/18/2007 8:20:21 PM	TLH		
61	2709180348_1/50	ANION-IC#7	Finished		9/18/2007 8:33:20 PM	TLH		
62	2709180361_1/25	ANION-IC#7	Finished		9/18/2007 8:46:20 PM	TLH		
63	2709180347_1/50	ANION-IC#7	Finished		9/18/2007 8:59:20 PM	TLH		
64	2709180351_1/25	ANION-IC#7	Finished		9/18/2007 9:12:20 PM	TLH		
65	2709180593	ANION-IC#7	Finished		9/18/2007 9:25:19 PM	TLH		
66	2709180317_1/2	ANION-IC#7	Finished		9/18/2007 9:38:19 PM	TLH		
67	2709180316_1/2	ANION-IC#7	Finished		9/18/2007 9:51:18 PM	TLH		
68	MCV	ANION-IC#7	Finished		9/18/2007 10:04:29 PM	TLH		
69	CCB	ANION-IC#7	Finished		9/18/2007 10:17:30 PM	TLH		
70	2709180454	ANION-IC#7	Finished		9/18/2007 10:30:30 PM	TLH		
71	2709180454MS	ANION-IC#7	Finished		9/18/2007 10:43:30 PM	TLH		
72	2709180456	ANION-IC#7	Finished		9/18/2007 10:56:30 PM	TLH		
73	2709180459_1/2	ANION-IC#7	Finished		9/18/2007 11:09:31 PM	TLH		
74	2709180458_1/2	ANION-IC#7	Finished		9/18/2007 11:22:30 PM	TLH		
75	2709180457	ANION-IC#7	Finished		9/18/2007 11:35:31 PM	TLH		
76	2709180461_1/2	ANION-IC#7	Finished		9/18/2007 11:48:30 PM	TLH		
77	2709130693_1/2	ANION-IC#7	Finished	NO3 ONLY	9/19/2007 12:01:30 AM	TLH		
78	2709140356_1/10	ANION-IC#7	Finished	CL ONLY	9/19/2007 12:14:30 AM	TLH		
79	2709140138_1/2	ANION-IC#7	Finished	CL ONY	9/19/2007 12:27:31 AM	TLH		
80	2709120254_1/5	ANION-IC#7	Finished	SO4 ONLY	9/19/2007 12:40:30 AM	TLH		
81	HCV2	ANION-IC#7	Finished		9/19/2007 12:53:31 AM	TLH		
82	HCV1	ANION-IC#7	Finished		9/19/2007 1:06:31 AM	TLH		
83	CCB	ANION-IC#7	Finished		9/19/2007 1:19:31 AM	TLH		
84	LOWRL	ANION-IC#7	Finished		9/19/2007 1:32:31 AM	TLH		

Sequence: 091807-ANION-IC7
Operator: tlh

Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\September
Timebase: IC7
#Samples: 103

Created: 9/18/2007 8:43:55 AM by tlh
Last Update: 9/19/2007 3:33:04 PM by tlh

No.	Name	Sample ID	Dil. Factor	Type	Pos.	Inj. Vol.	Program
85	MRL		1.0000	Unknown	132	1000.0	IC7-ANIONS PROGRAM
86	MBLANK		1.0000	Unknown	132	1000.0	IC7-ANIONS PROGRAM
87	LCS		1.0000	Unknown	132	1000.0	IC7-ANIONS PROGRAM
88	LCSD		1.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
89	2709180552	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
90	2709180552MS	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
91	2709180552MSD	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
92	2709180644_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
93	2709180730_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
94	2709180535_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
95	2709180553_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
96	2709180532_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
97	2709180545_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
98	2709180547_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
99	2709180258_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
100	2709180254_1/2	[redacted]	2.0000	Unknown	133	1000.0	IC7-ANIONS PROGRAM
101	MCV		1.0000	Unknown	134	1000.0	IC7-ANIONS PROGRAM
102	CCB		1.0000	Unknown	134	1000.0	IC7-ANIONS PROGRAM
103	CCB		1.0000	Unknown	135	1000.0	IC7-ANIONS PROGRAM

Sequence: 091807-ANION-IC7
Operator: tlh

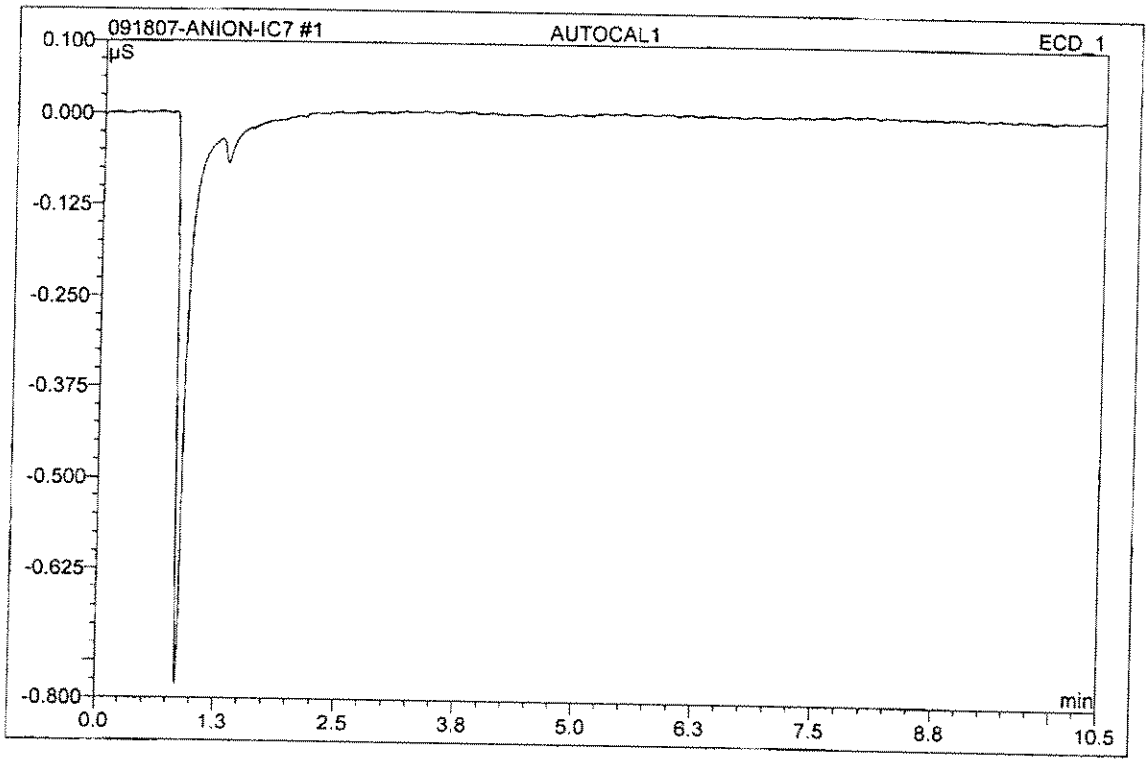
Title:
Datasource: Dionex_USPAS2SDIO2
Location: IC\IC7_anions spare\2007\September
Timebase: IC7
#Samples: 103

Created: 9/18/2007 8:43:55 AM by tlh
Last Update: 9/19/2007 3:33:04 PM by tlh

No.	Name	Method	Status	Comment	Inj. Date/Time	*Analyst	*operator	*Spike
85	MRL	ANION-IC#7	Finished		9/19/2007 1:45:31 AM	TLH		
86	MBLANK	ANION-IC#7	Finished		9/19/2007 1:58:32 AM	TLH		
87	LCS	ANION-IC#7	Finished		9/19/2007 2:11:31 AM	TLH		
88	LCSD	ANION-IC#7	Finished		9/19/2007 2:24:31 AM	TLH		
89	2709180552	ANION-IC#7	Finished		9/19/2007 2:37:31 AM	TLH		
90	2709180552MS	ANION-IC#7	Finished		9/19/2007 2:50:31 AM	TLH		
91	2709180552MSD	ANION-IC#7	Finished		9/19/2007 3:03:31 AM	TLH		
92	2709180644_1/2	ANION-IC#7	Finished		9/19/2007 3:16:31 AM	TLH		
93	2709180730_1/2	ANION-IC#7	Finished		9/19/2007 3:29:31 AM	TLH		
94	2709180535_1/2	ANION-IC#7	Finished		9/19/2007 3:42:31 AM	TLH		
95	2709180553_1/2	ANION-IC#7	Finished		9/19/2007 3:55:31 AM	TLH		
96	2709180532_1/2	ANION-IC#7	Finished		9/19/2007 4:08:31 AM	TLH		
97	2709180545_1/2	ANION-IC#7	Finished		9/19/2007 4:21:30 AM	TLH		
98	2709180547_1/2	ANION-IC#7	Finished		9/19/2007 4:34:31 AM	TLH		
99	2709180258_1/2	ANION-IC#7	Finished		9/19/2007 4:47:30 AM	TLH		
100	2709180254_1/2	ANION-IC#7	Finished		9/19/2007 5:00:30 AM	TLH		
101	MCV	ANION-IC#7	Finished		9/19/2007 5:13:30 AM	TLH		
102	CCB	ANION-IC#7	Finished	MISINJECTION	9/19/2007 5:26:30 AM	TLH		
103	CCB	ANION-IC#7	Finished		9/19/2007 9:18:40 AM	TLH		

1 AUTOCAL1

Sample Name:	**AUTOCAL1**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 11:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

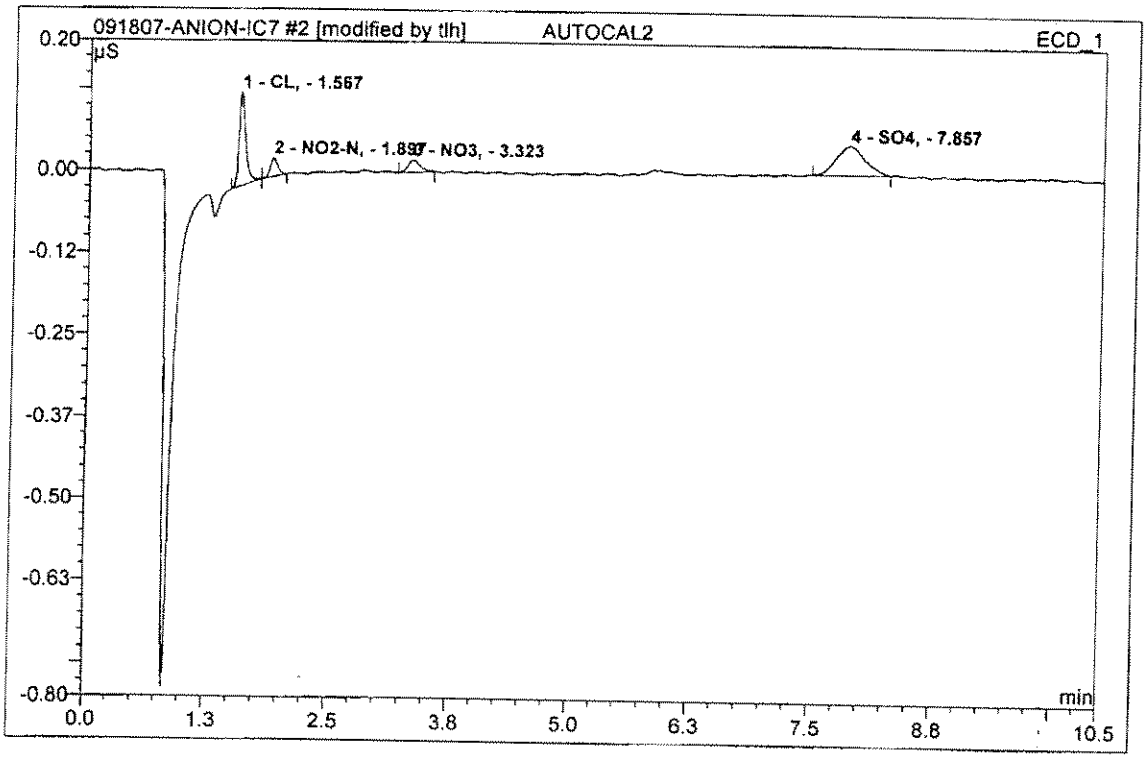


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 AUTOCAL2

TLH070814-1

Sample Name:	**AUTOCAL2**	*Injection Volume:*	**1000.0**
Vial Number:	**17**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 12:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

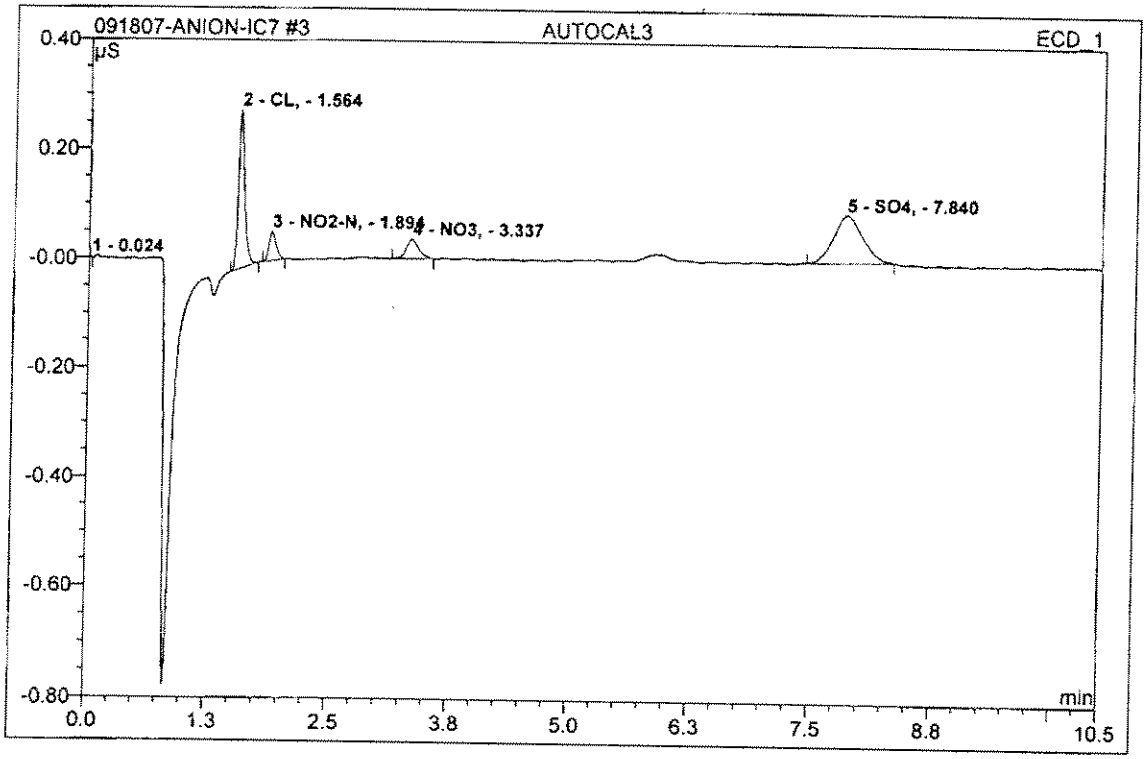


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	0.143	0.011	35.39	0.108	BMb*
2	1.90	NO2-N,	0.028	0.002	7.62	0.011	bMB
3	3.32	NO3,	0.018	0.003	8.30	0.012	BMB*
4	7.86	SO4,	0.045	0.015	48.68	0.224	BMB*
Total:			0.234	0.031	100.00	0.355	

3 AUTOCAL3

TLH070814-2

Sample Name:	**AUTOCAL3**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 12:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

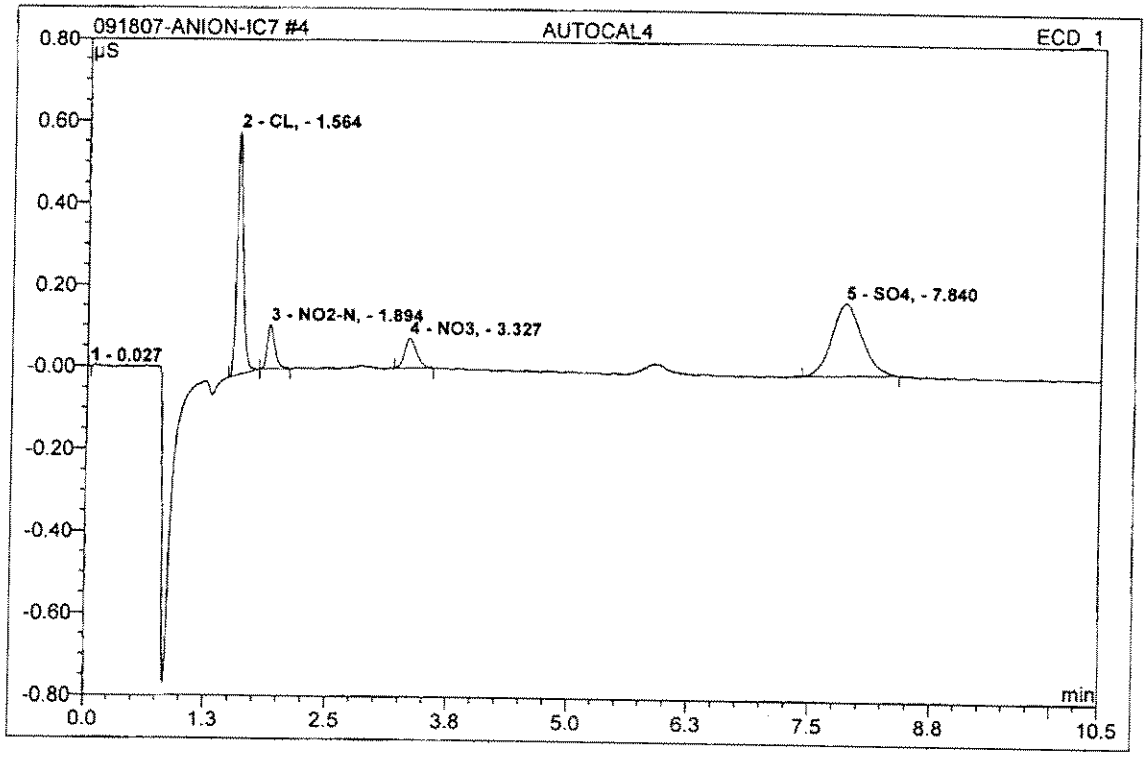


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.56	CL,	0.290	0.022	34.91	0.212	BMB
3	1.89	NO2-N,	0.053	0.004	7.13	0.021	BMB
4	3.34	NO3,	0.035	0.005	8.66	0.024	BMB
5	7.84	SO4,	0.088	0.031	49.26	0.450	BMB
Total:			0.465	0.062	99.96	0.707	

4 AUTOCAL4

TLH070814-3

Sample Name:	**AUTOCAL4**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 12:33**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

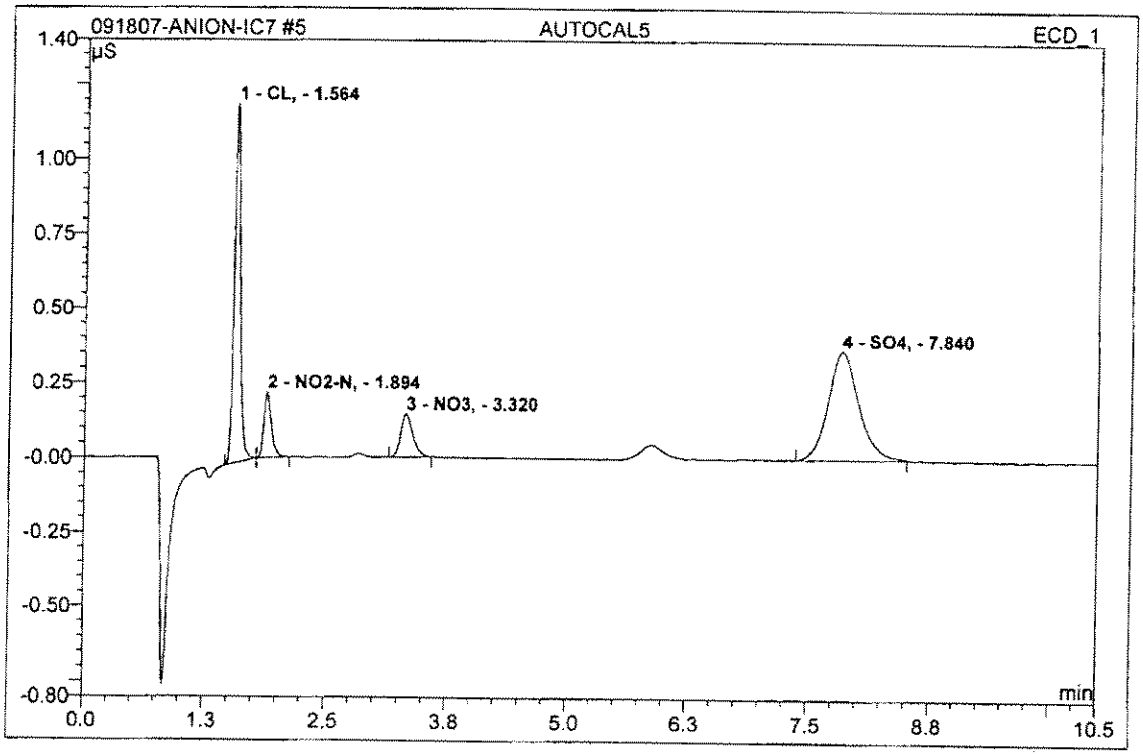


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.56	CL,	0.594	0.044	34.54	0.430	BMB
3	1.89	NO2-N,	0.108	0.010	7.57	0.046	bMB
4	3.33	NO3,	0.072	0.010	7.99	0.046	BMB
5	7.84	SO4,	0.178	0.064	49.89	0.936	BMB
Total:			0.951	0.128	100.00	1.458	

5 AUTOCAL5

TLH070814-4

Sample Name:	**AUTOCAL5**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 12:46**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

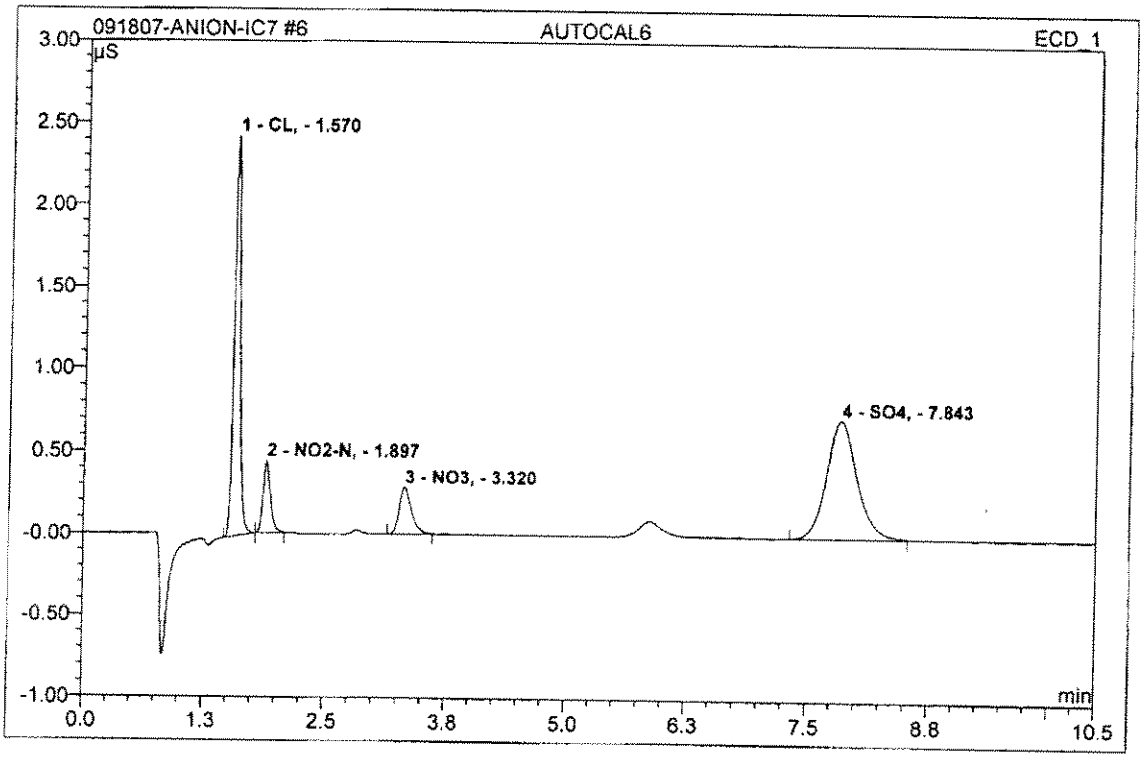


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.56	CL,	1.201	0.088	33.85	0.857	BMB
2	1.89	NO2-N,	0.218	0.019	7.40	0.092	bMB
3	3.32	NO3,	0.144	0.020	7.87	0.091	BMB
4	7.84	SO4,	0.362	0.133	50.89	1.941	BMB
Total:			1.924	0.261	100.00	2.981	

6 AUTOCAL6

TLH070814-5

Sample Name:	**AUTOCAL6**	*Injection Volume:*	**1000.0**
Vial Number:	**18**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 12:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

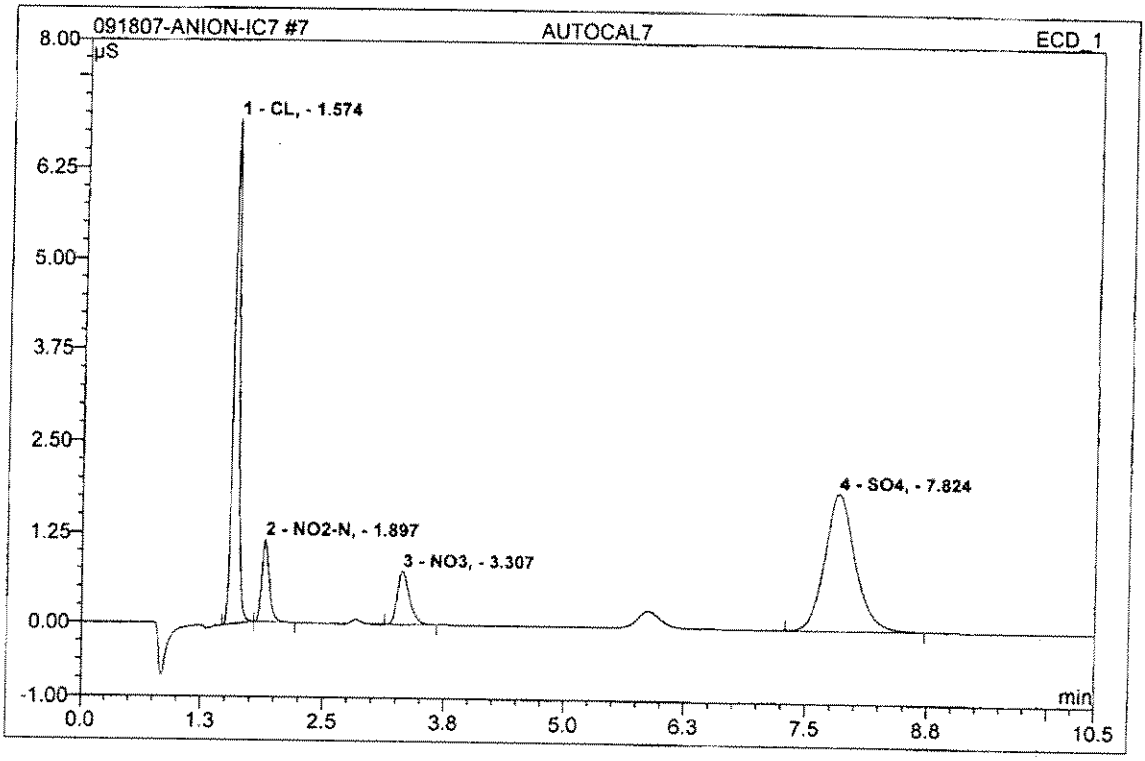


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	2.440	0.177	34.07	1.712	BMB
2	1.90	NO2-N,	0.440	0.039	7.49	0.186	bMB
3	3.32	NO3,	0.286	0.042	8.07	0.187	BMB
4	7.84	SO4,	0.718	0.262	50.38	3.818	BMB
Total:			3.884	0.520	100.00	5.903	

7 AUTOCAL7

TLH070814-6

Sample Name:	**AUTOCAL7**	*Injection Volume:*	**1000.0**
Vial Number:	**19**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 13:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

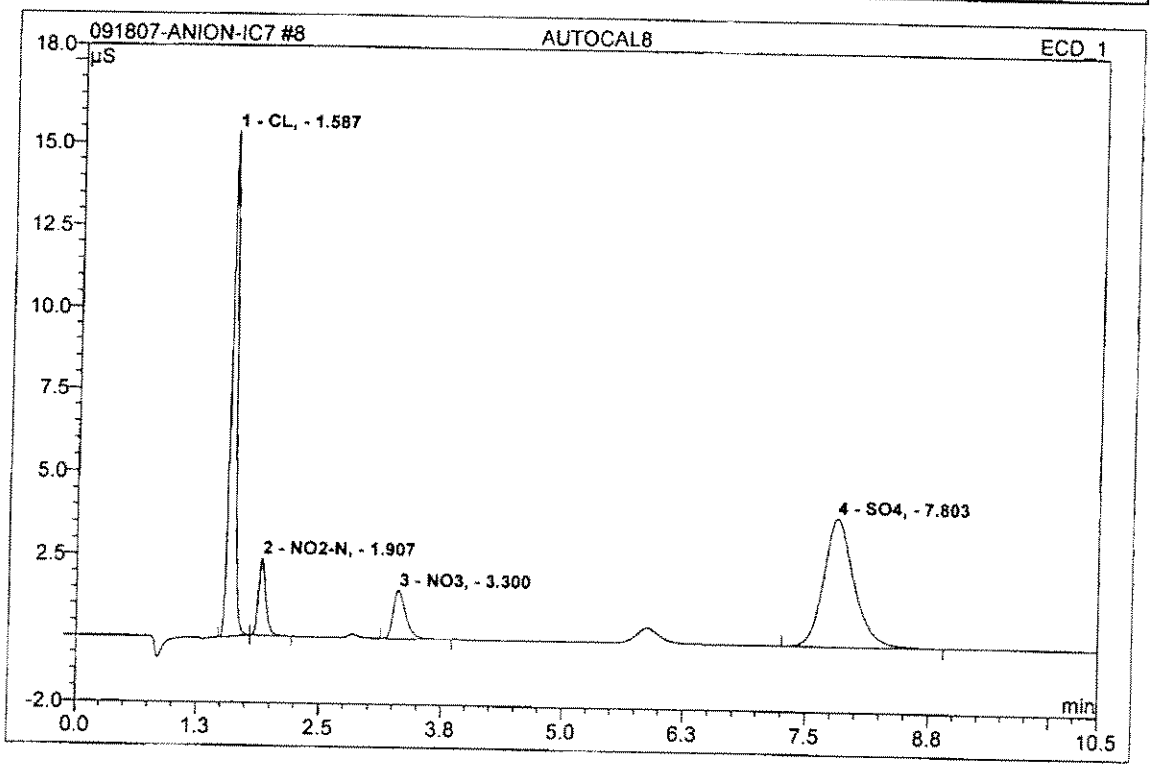


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	6.922	0.483	34.93	4.596	BMb
2	1.90	NO2-N,	1.147	0.101	7.29	0.479	bMB
3	3.31	NO3,	0.741	0.109	7.87	0.482	BMB
4	7.82	SO4,	1.900	0.690	49.91	9.922	BMB
Total:			10.711	1.382	100.00	15.479	

8 AUTOCAL8

TLH070814-7

Sample Name:	**AUTOCAL8**	*Injection Volume:*	**1000.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 13:25**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

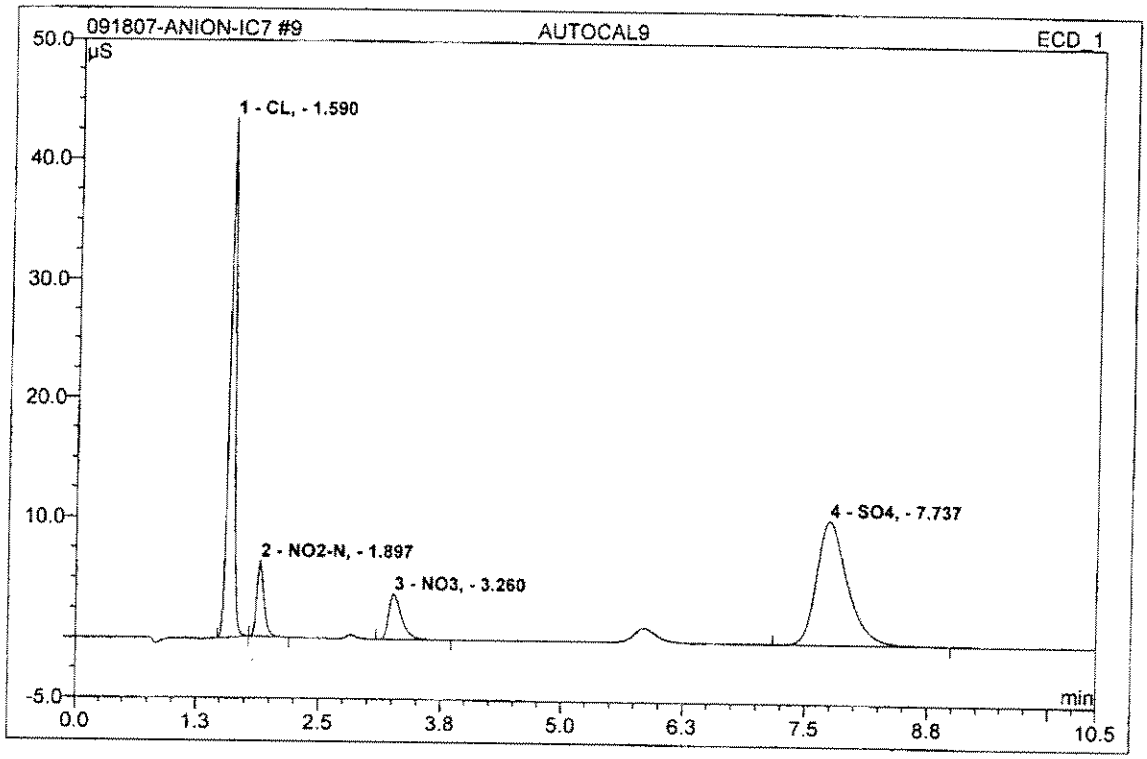


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.59	CL,	15.362	1.039	36.06	9.630	BMB
2	1.91	NO2-N,	2.369	0.205	7.11	0.967	bMB
3	3.30	NO3,	1.488	0.223	7.72	0.977	BMB
4	7.80	SO4,	3.902	1.416	49.11	19.926	BMB
Total:			23.121	2.883	100.00	31.501	

9 AUTOCAL9

TLH070814-8

Sample Name:	**AUTOCAL9**	*Injection Volume:*	**1000.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 13:38**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

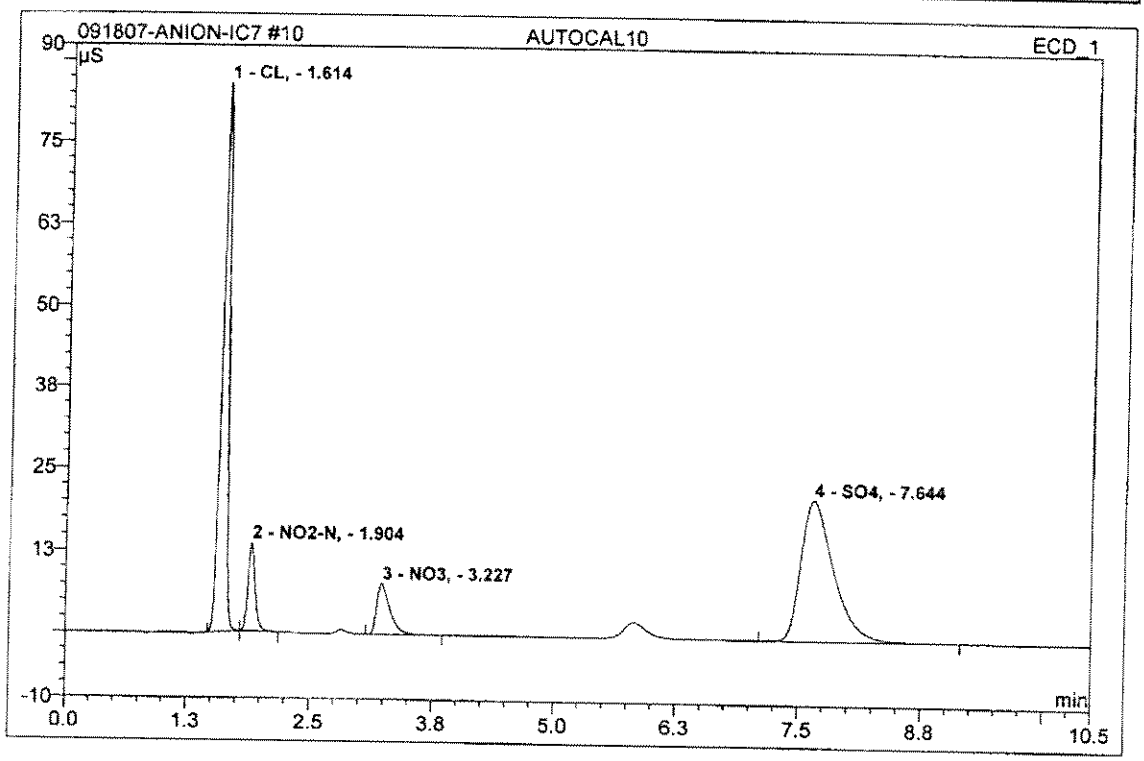


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.59	CL,	43.379	2.965	37.70	25.372	BMB
2	1.90	NO2-N,	6.292	0.535	6.81	2.468	BMB
3	3.26	NO3,	3.766	0.576	7.32	2.469	BMB
4	7.74	SO4,	10.279	3.789	48.17	50.096	BMB
Total:			63.716	7.865	100.00	80.404	

10 AUTOCAL10

TLH070814-9

Sample Name:	**AUTOCAL10**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 13:51**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

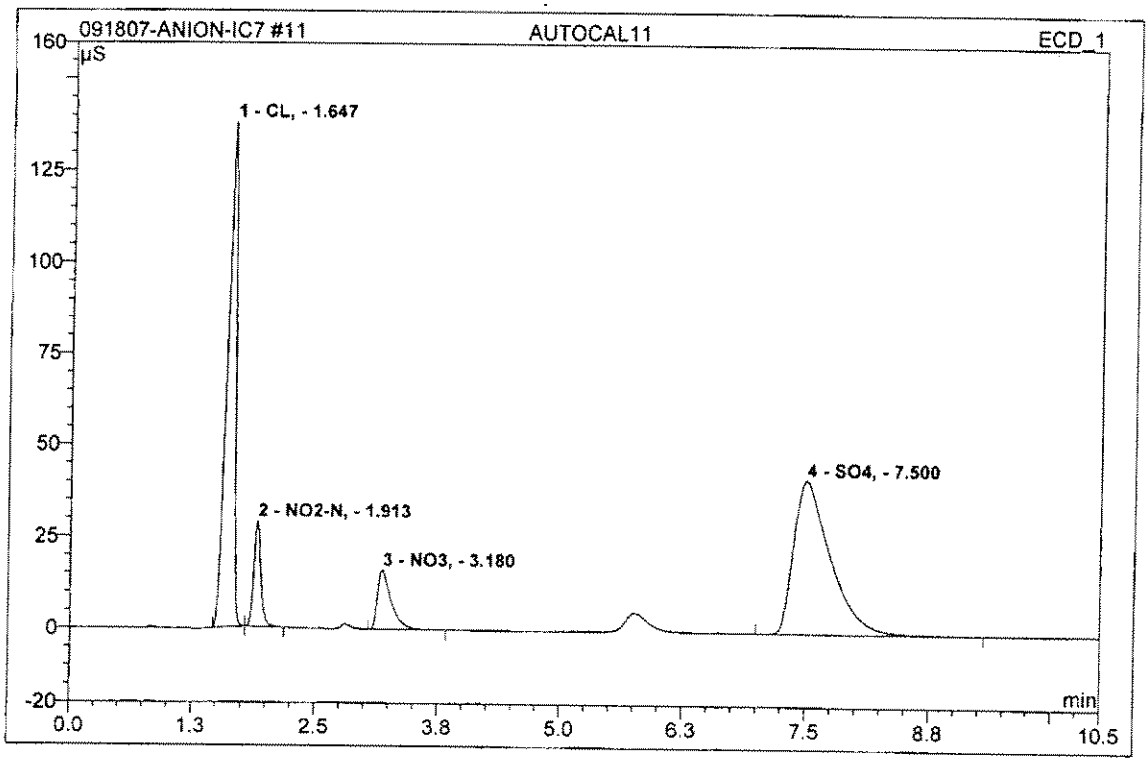


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.61	CL,	83.934	6.532	37.96	49.937	BMB
2	1.90	NO2-N,	13.515	1.135	6.60	5.038	bMB
3	3.23	NO3,	7.793	1.223	7.11	5.033	BMB
4	7.64	SO4,	21.349	8.318	48.34	99.983	BMB
Total:			126.590	17.208	100.00	159.991	

11 AUTOCAL11

TLH070814-10

Sample Name:	**AUTOCAL11**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 14:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**

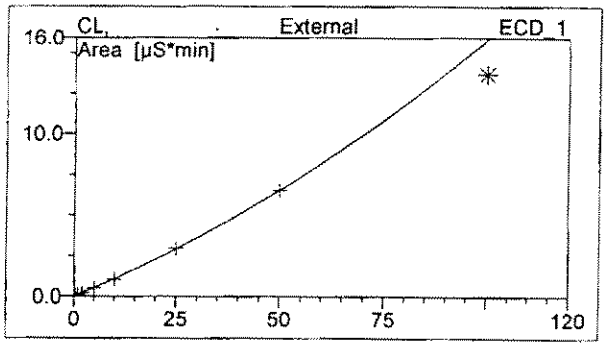


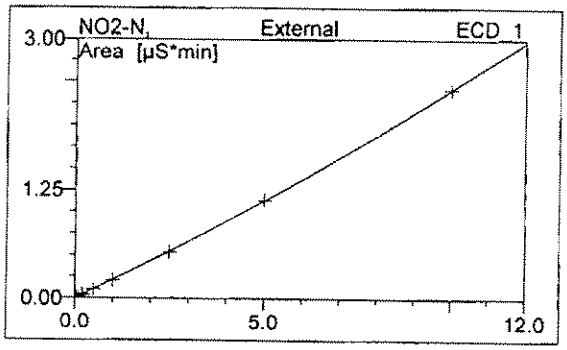
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	137.837	13.707	37.40	89.460	BMb
2	1.91	NO2-N,	28.638	2.414	6.59	9.994	bMB
3	3.18	NO3,	16.124	2.617	7.14	9.995	BMB
4	7.50	SO4,	41.682	17.915	48.88	186.105	BMB
Total:			224.282	36.652	100.00	295.554	

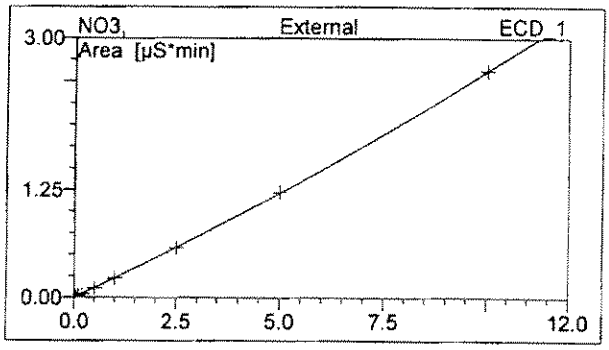
11 AUTOCAL11

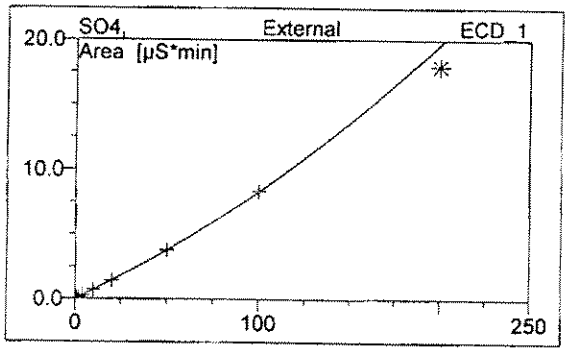
TLH070814-10

Sample Name:	**AUTOCAL11**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/6/2007 14:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**





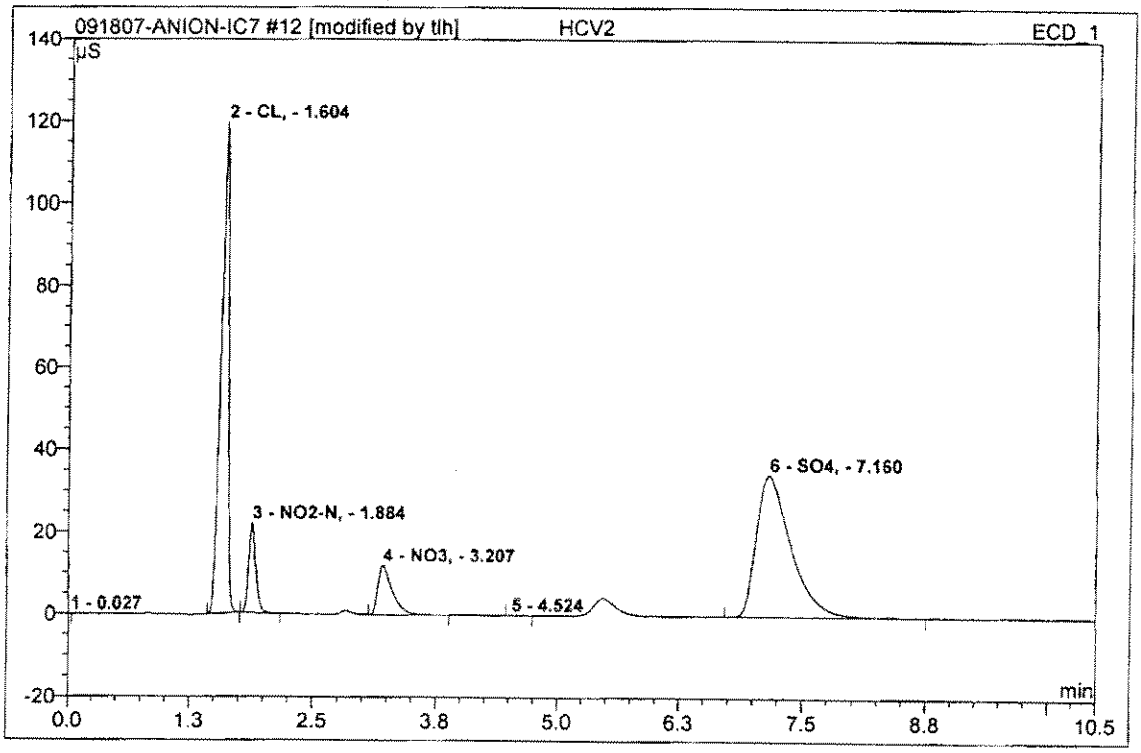




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	1.65	CL,	Quad	7	99.8725	0.0000	0.1025	0.0006
2	1.91	NO2-N,	Quad	10	99.9382	0.0000	0.2088	0.0033
3	3.18	NO3,	Quad	10	99.9289	0.0000	0.2240	0.0038
4	7.50	SO4,	Quad	9	99.8946	0.0000	0.0680	0.0002
Average:					99.9086	0.0000	0.1508	0.0019

12 HCV2

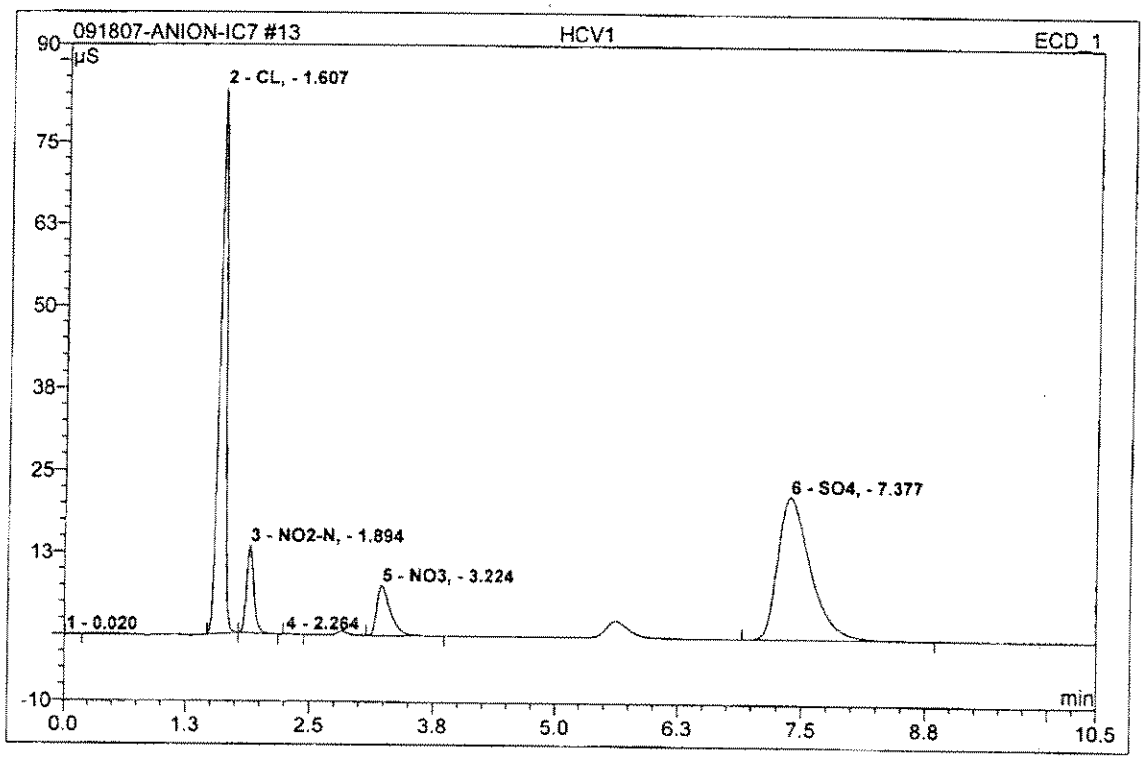
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**99**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 8:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.60	CL,	119.419	10.696	37.57	74.035	BMB*
3	1.88	NO2-N,	21.784	1.840	6.46	7.845	BMB
4	3.21	NO3,	11.990	2.005	7.04	7.896	BMB
6	7.16	SO4,	34.476	13.929	48.92	152.734	BMB
Total:			187.669	28.469	99.99	242.511	

13 HCV1

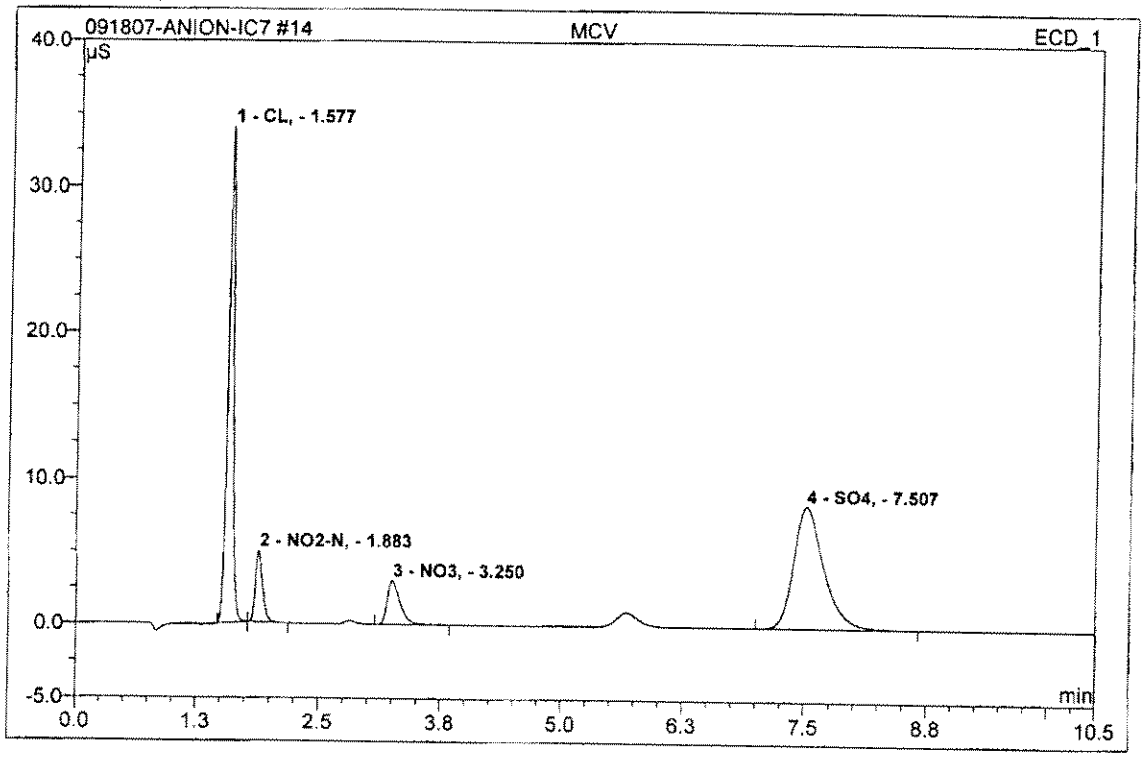
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**97**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 9:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.61	CL,	83.152	6.494	37.87	49.697	BMB
3	1.89	NO2-N,	13.311	1.122	6.54	4.984	bMB
5	3.22	NO3,	7.587	1.216	7.09	5.005	BMB
6	7.38	SO4,	21.696	8.293	48.37	99.727	BMB
Total:			125.745	17.125	99.88	159.414	

14 MCV

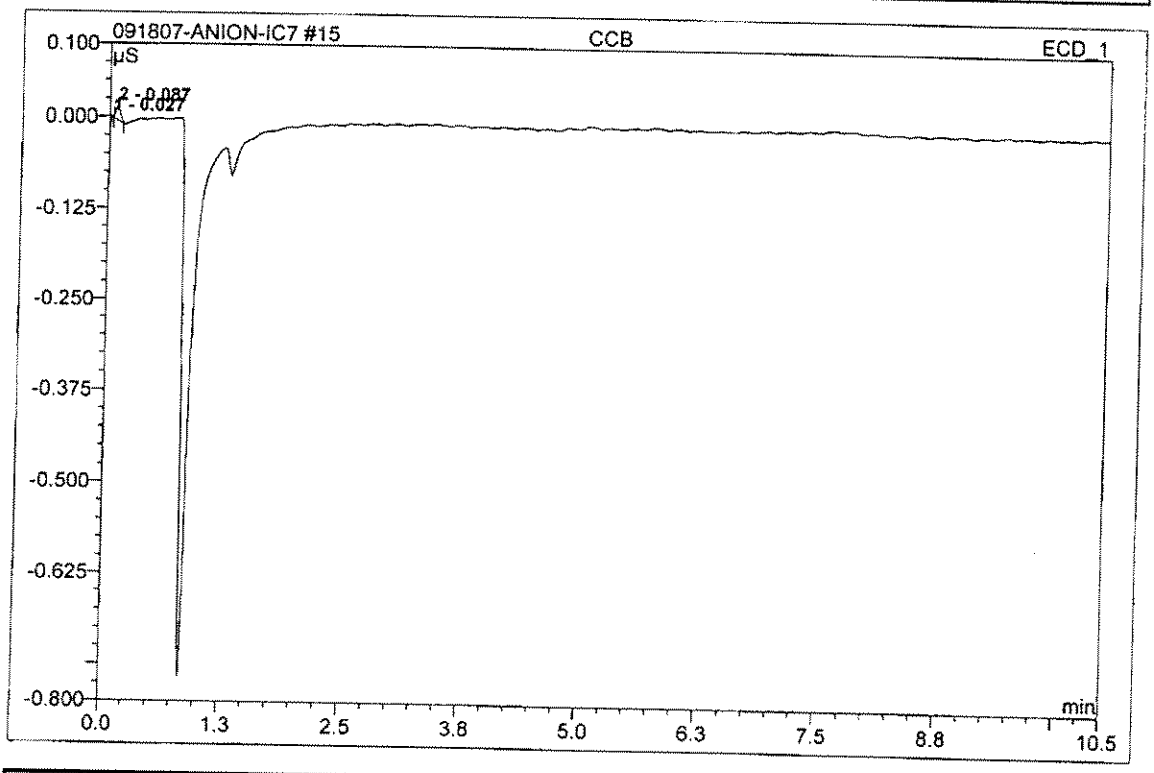
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**99**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 9:19**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	34.052	2.320	37.34	20.350	BMB
2	1.88	NO2-N,	4.930	0.421	6.77	1.954	BMB
3	3.25	NO3,	3.009	0.461	7.42	1.992	BMB
4	7.51	SO4,	8.409	3.012	48.47	40.595	BMB
Total:			50.400	6.214	100.00	64.892	

15 CCB

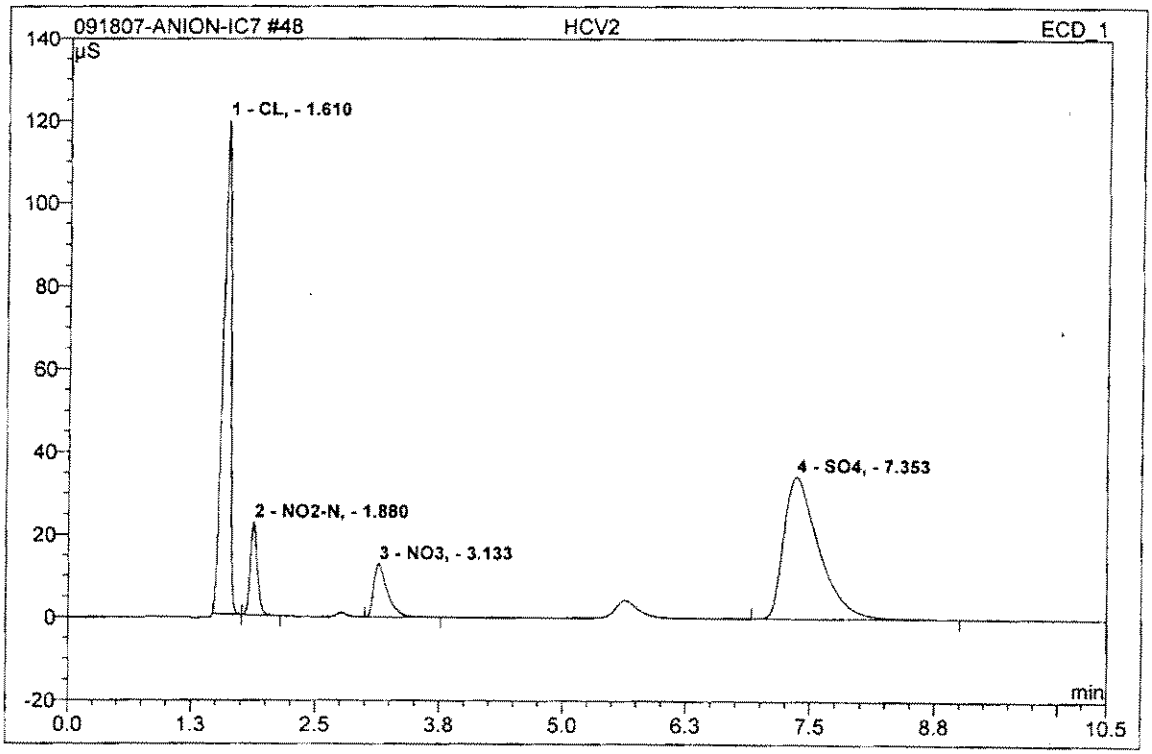
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**100**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 9:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

48 HCV2

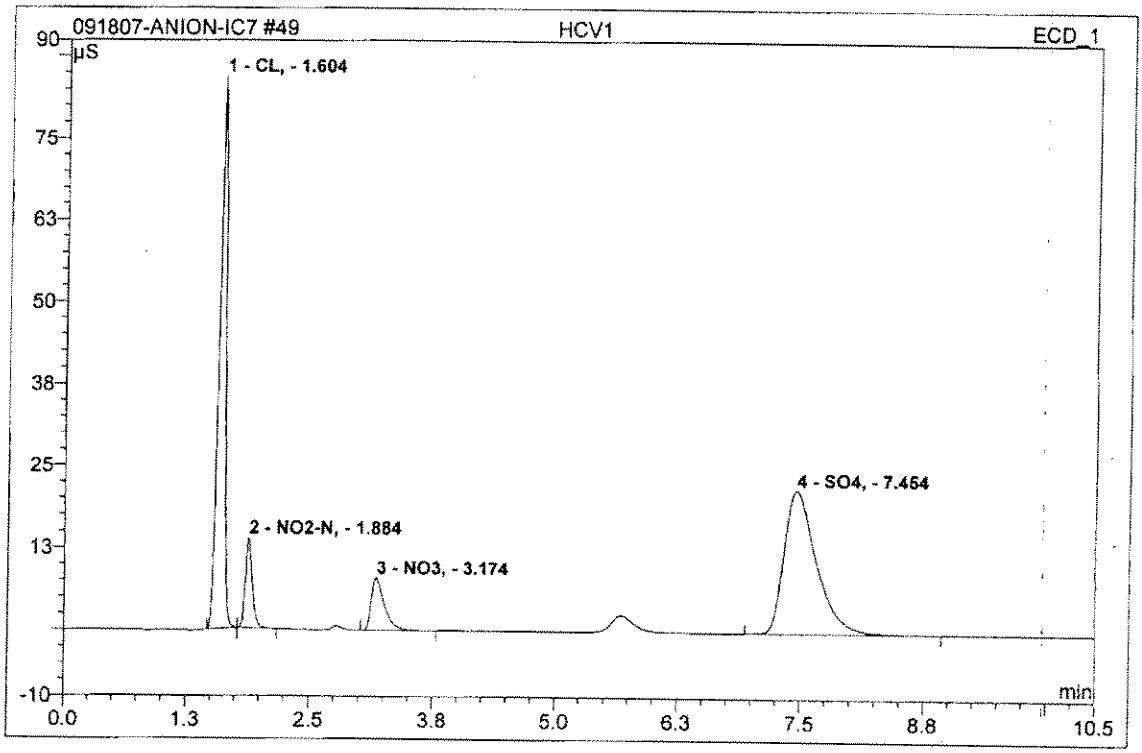
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**118**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 17:38**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.61	CL,	119.428	10.747	37.39	74.310	BMB
2	1.88	NO2-N,	22.630	1.863	6.48	7.936	BMB
3	3.13	NO3,	13.015	2.054	7.14	8.068	BMB
4	7.35	SO4,	34.468	14.081	48.99	154.062	BMB
Total:			189.541	28.745	100.00	244.376	

49 HCV1

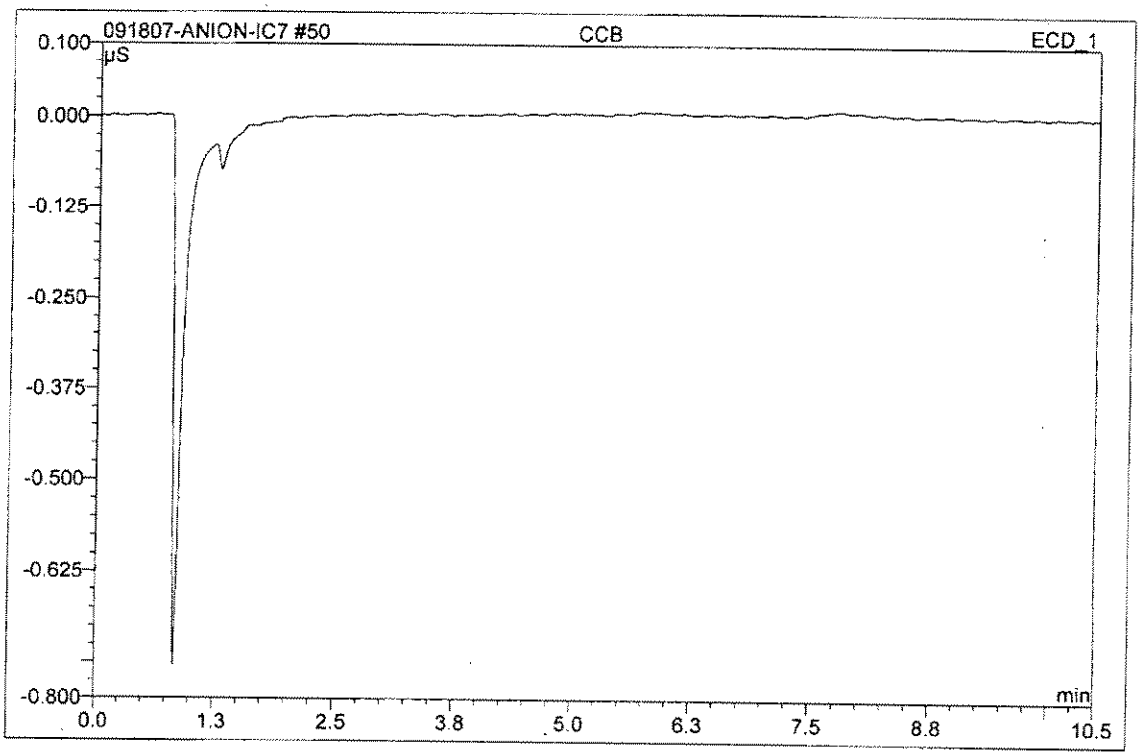
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**119**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 17:51**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	84.229	6.519	37.92	49.855	BMb
2	1.88	NO2-N,	13.683	1.127	6.56	5.005	bMB
3	3.17	NO3,	7.933	1.225	7.12	5.039	BMB
4	7.45	SO4,	21.717	8.319	48.40	99.991	BMB
Total:			127.562	17.189	100.00	159.889	

50 CCB

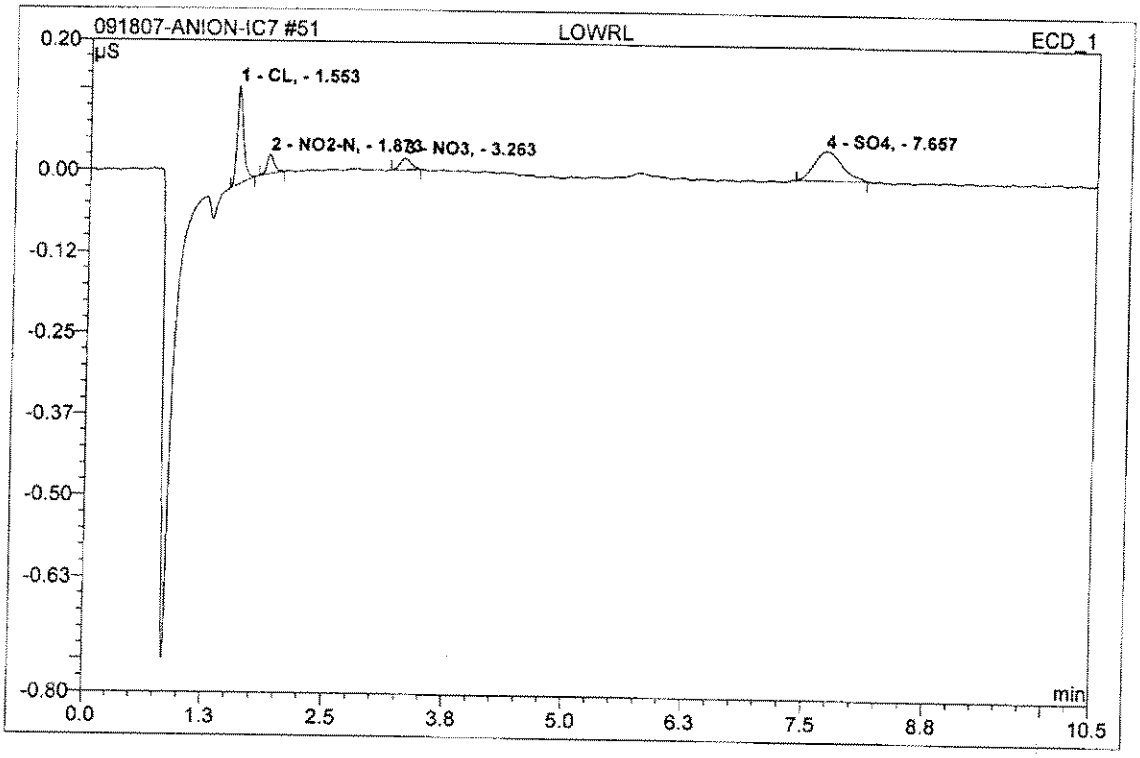
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**119**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 18:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

51 LOWRL

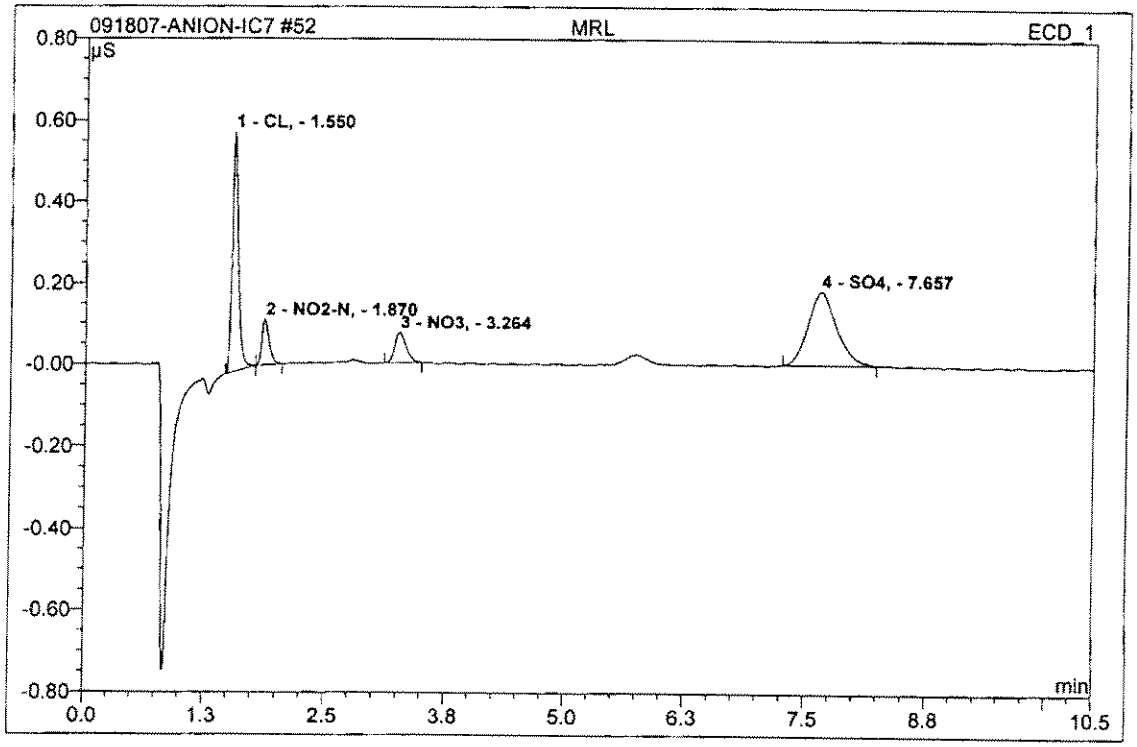
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**119**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 18:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.55	CL,	0.150	0.011	36.34	0.110	BMB
2	1.87	NO2-N,	0.029	0.002	8.02	0.012	BMB
3	3.26	NO3,	0.018	0.002	7.66	0.011	BMB
4	7.66	SO4,	0.044	0.015	47.99	0.219	BMB
Total:			0.242	0.031	100.00	0.351	

52 MRL

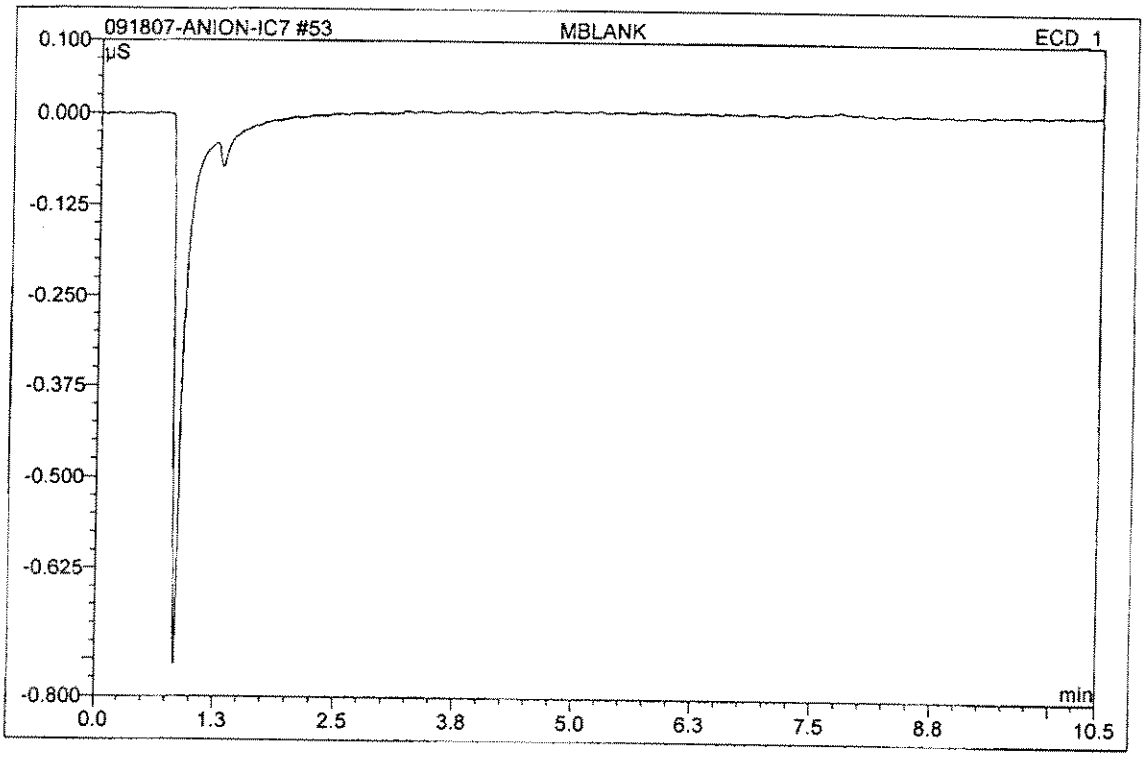
Sample Name:	**MRL**	*Injection Volume:*	**1000.0**
Vial Number:	**119**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 18:36**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.55	CL,	0.590	0.044	34.55	0.426	BMB
2	1.87	NO2-N,	0.112	0.010	7.70	0.047	BMB
3	3.26	NO3,	0.074	0.010	8.01	0.045	BMB
4	7.66	SO4,	0.183	0.063	49.74	0.923	BMB
Total:			0.959	0.127	100.00	1.441	

53 MBLANK

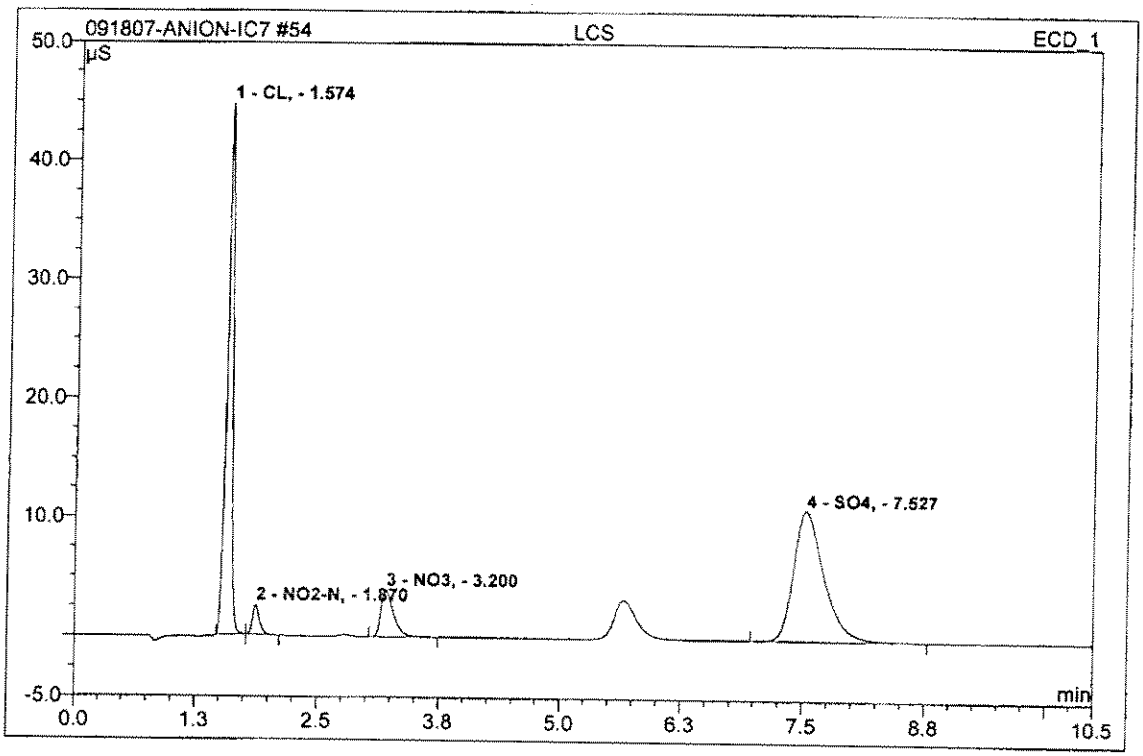
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**119**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 18:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

54 LCS

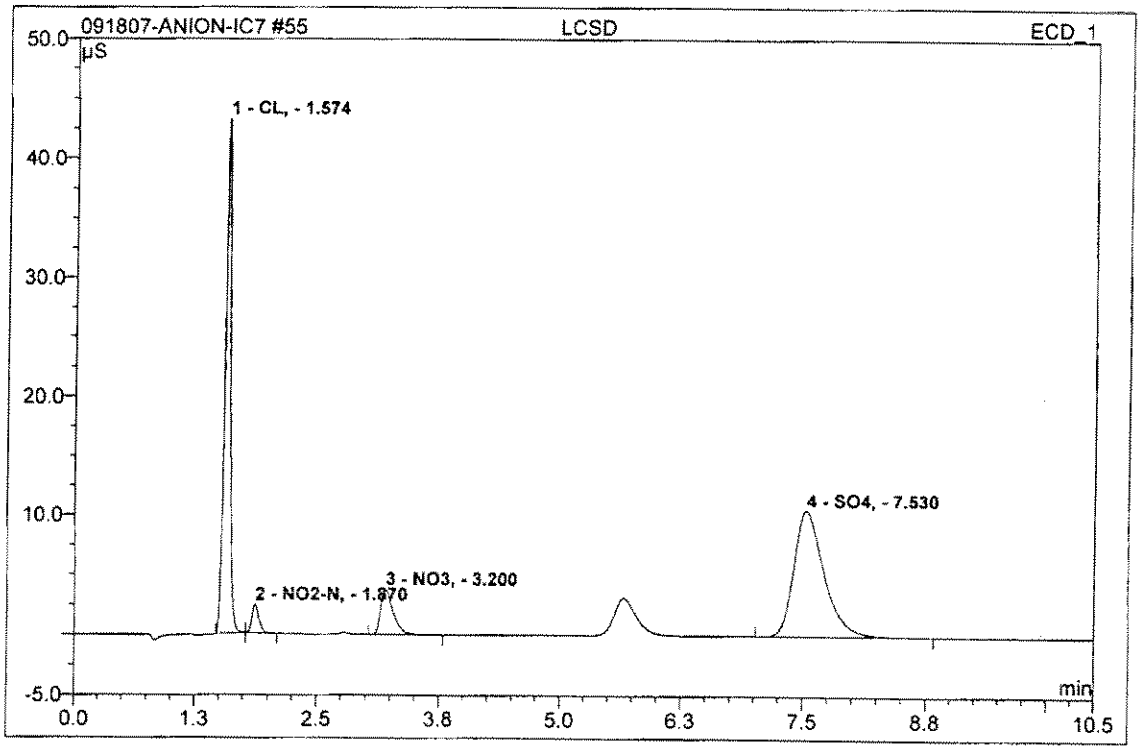
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**119**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 19:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	44.698	3.051	39.14	26.026	BMb
2	1.87	NO2-N,	2.464	0.206	2.64	0.970	bMB
3	3.20	NO3,	3.926	0.589	7.56	2.523	BMB
4	7.53	SO4,	10.934	3.949	50.66	52.018	BMB
Total:			62.021	7.795	100.00	81.537	

55 LCSD

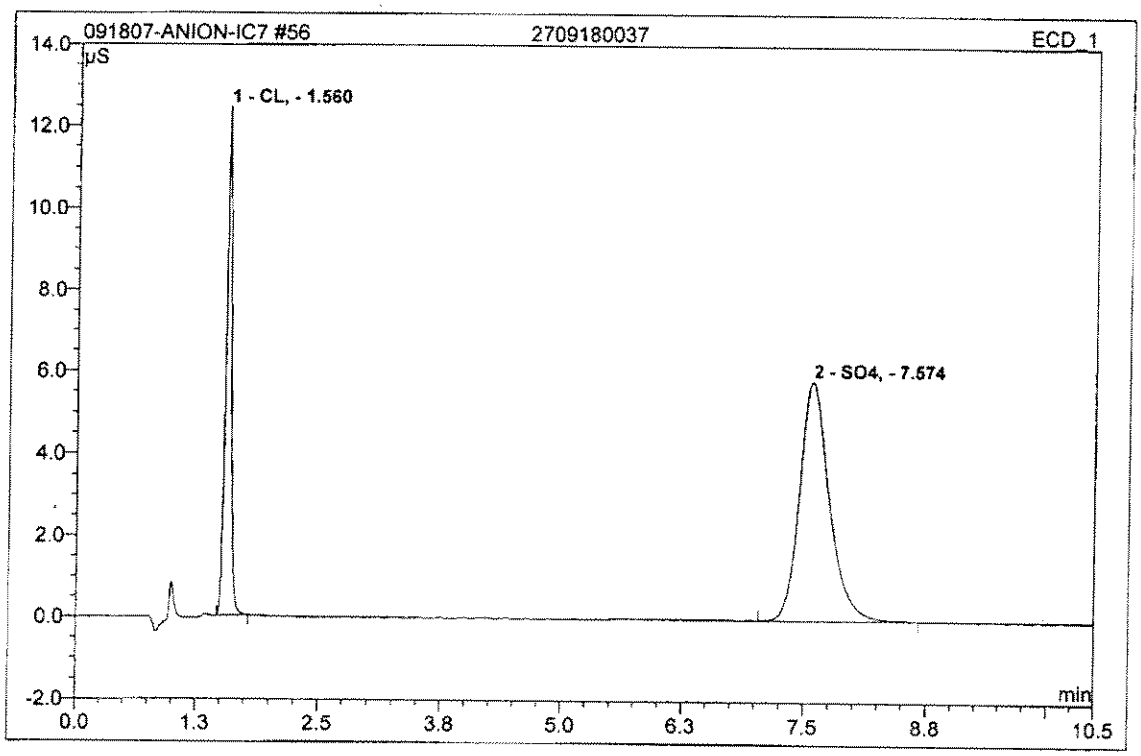
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**118**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 19:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	43.215	2.937	39.13	25.161	BMb
2	1.87	NO2-N,	2.387	0.200	2.66	0.942	bMB
3	3.20	NO3,	3.793	0.568	7.57	2.437	BMB
4	7.53	SO4,	10.549	3.802	50.64	50.252	BMB
Total:			59.944	7.507	100.00	78.792	

56 2709180037

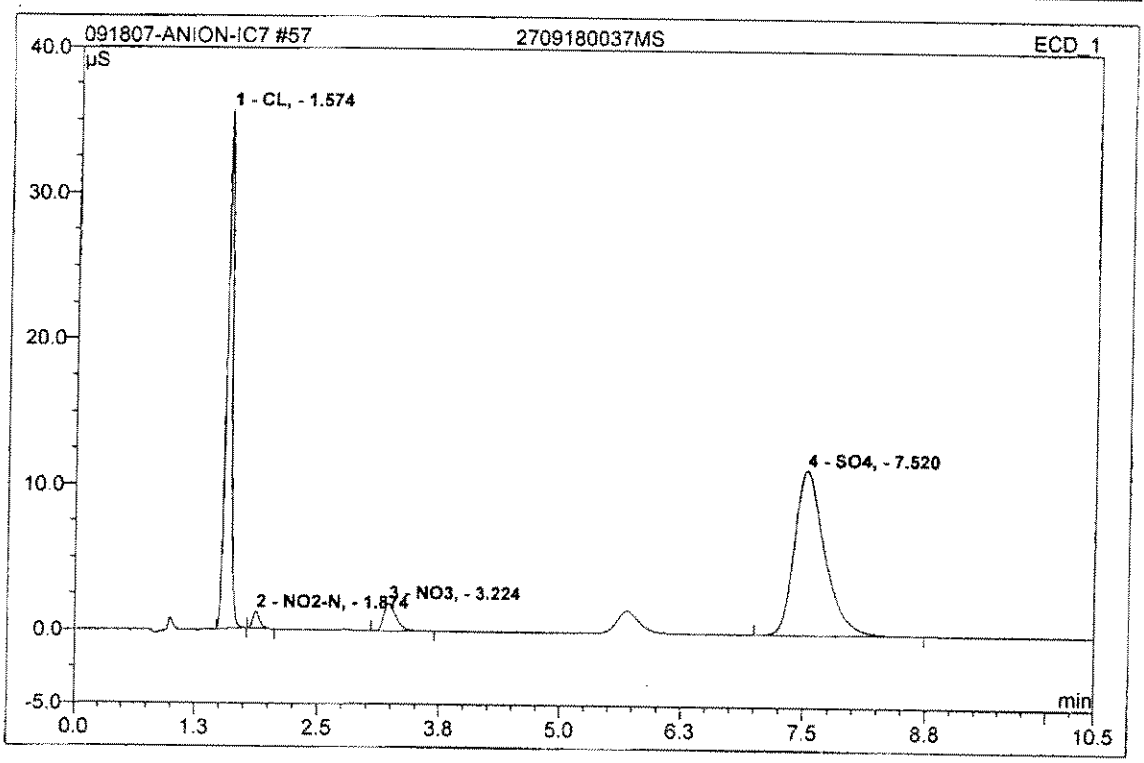
Sample Name:	**2709180037**	*Injection Volume:*	**1000.0**
Vial Number:	**120**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**9/18/2007 19:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.56	CL,	12.428	0.826	28.54	15.458	BMB
2	7.57	SO4,	5.835	2.068	71.46	57.162	BMB
Total:			18.263	2.894	100.00	72.621	

57 2709180037MS

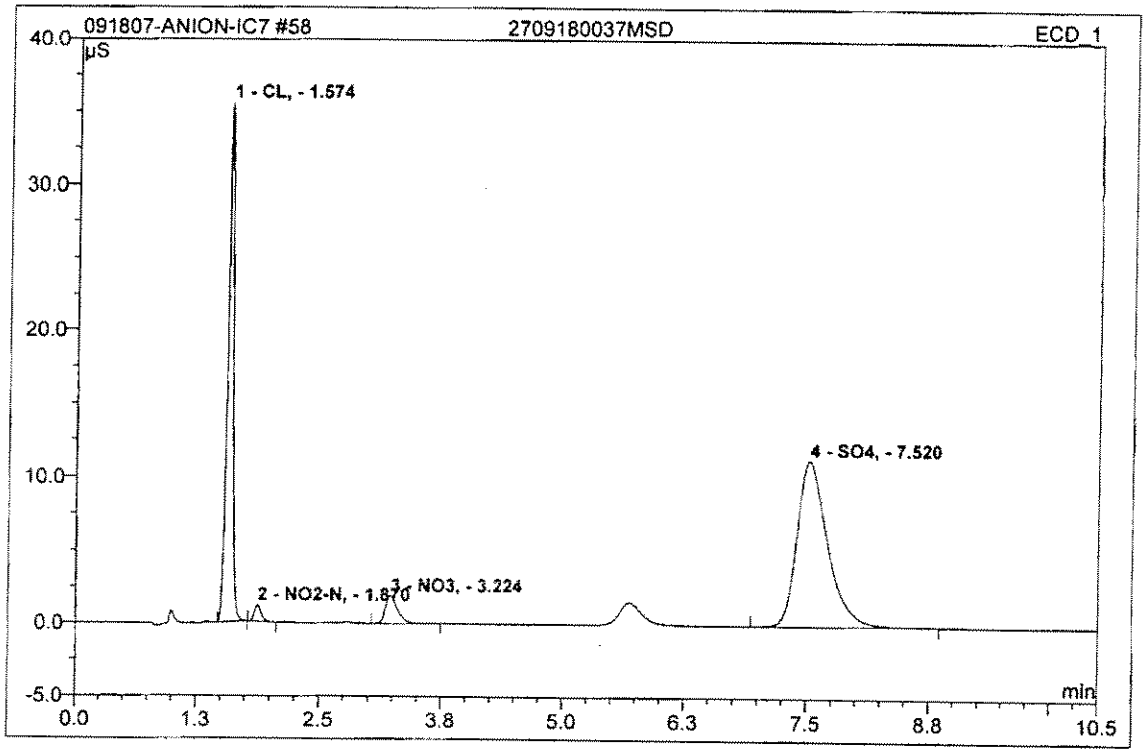
Sample Name:	**2709180037MS**	*Injection Volume:*	**1000.0**
Vial Number:	**120**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**9/18/2007 19:41**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	35.585	2.373	34.72	41.542	BMB
2	1.87	NO2-N,	1.134	0.094	1.38	0.897	BMB
3	3.22	NO3,	1.890	0.278	4.07	2.431	BMB
4	7.52	SO4,	11.311	4.089	59.83	107.366	BMB
Total:			49.920	6.834	100.00	152.236	

58 2709180037MSD

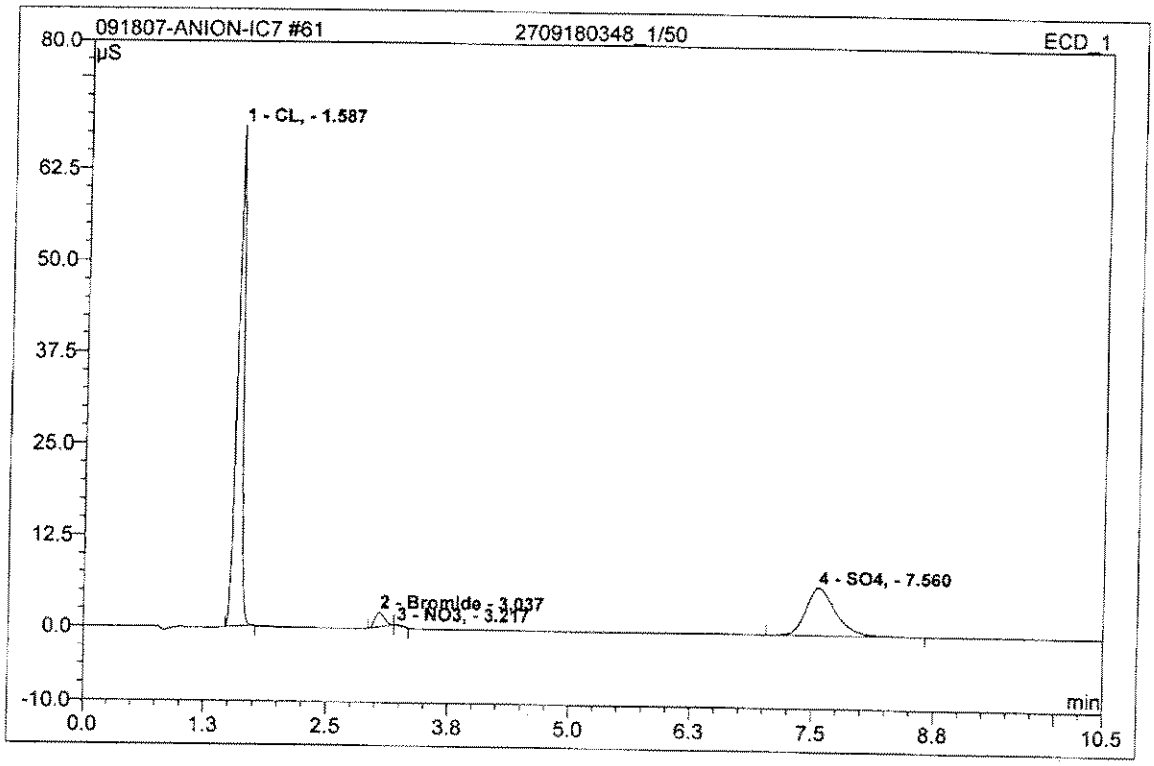
Sample Name:	**2709180037MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**120**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**9/18/2007 19:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	35.549	2.370	34.65	41.493	BMB
2	1.87	NO2-N,	1.139	0.095	1.38	0.901	BMB
3	3.22	NO3,	1.887	0.278	4.06	2.432	BMB
4	7.52	SO4,	11.311	4.097	59.90	107.544	BMB
Total:			49.886	6.839	100.00	152.369	

61 2709180348_1/50

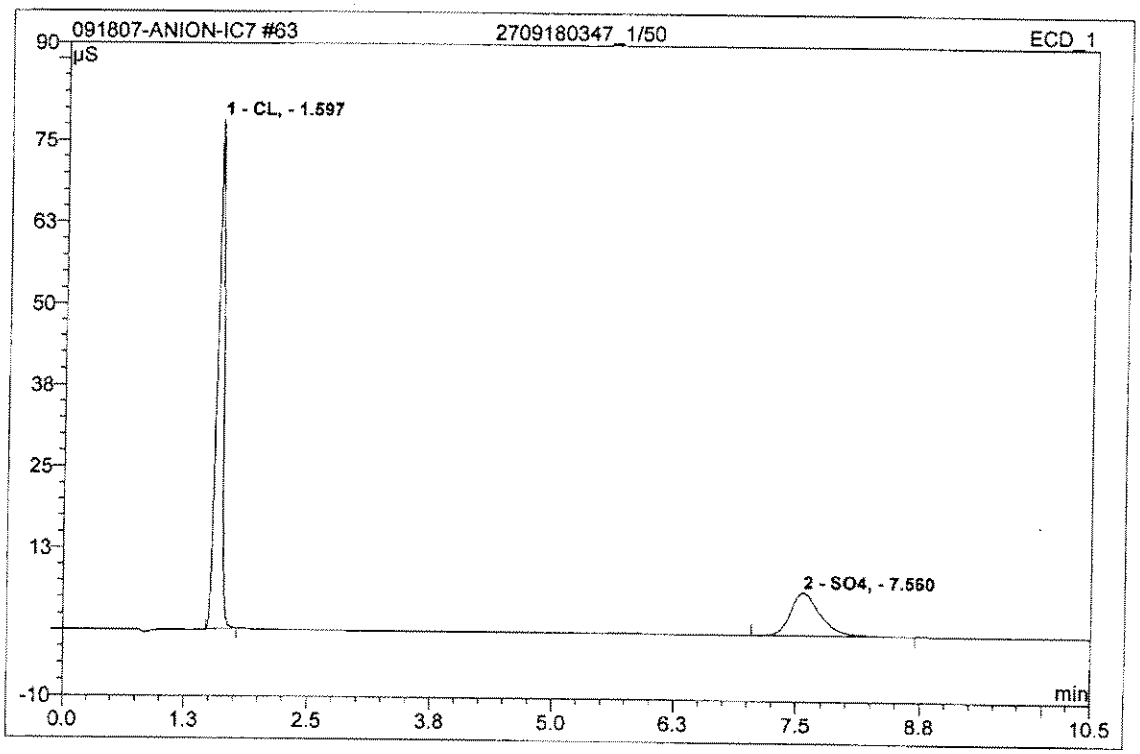
Sample Name:	**2709180348_1/50**	*Injection Volume:*	**1000.0**
Vial Number:	**120**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**50.0000**
Recording Time:	**9/18/2007 20:33**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.59	CL,	68.278	4.886	65.94	1959.264	BMB
2	3.04	Bromide	1.909	0.222	2.99	n.a.	BMb
3	3.22	NO3,	0.065	0.008	0.11	1.780	bMB
4	7.56	SO4,	6.458	2.295	30.96	1575.729	BMB
Total:			76.710	7.411	100.00	3536.773	

63 2709180347_1/50

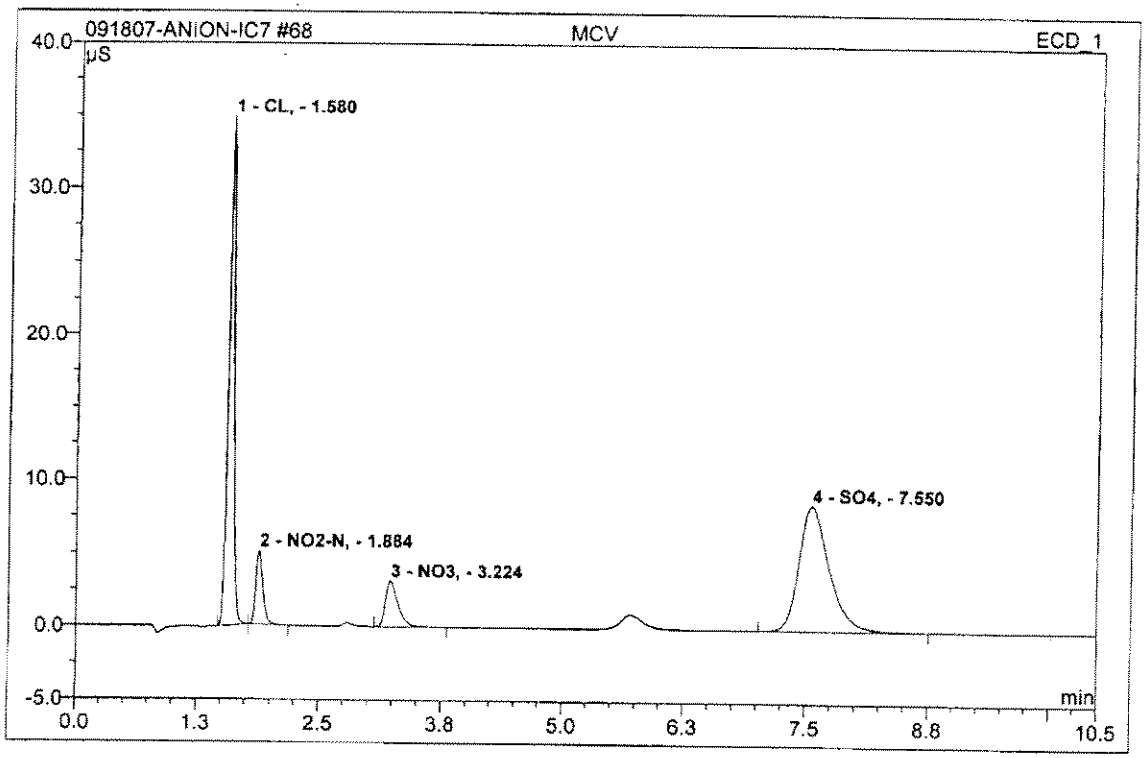
Sample Name:	**2709180347_1/50**	*Injection Volume:*	**1000.0**
Vial Number:	**120**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**50.0000**
Recording Time:	**9/18/2007 20:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	78.050	5.787	71.50	2258.913	BMB
2	7.56	SO4,	6.491	2.306	28.50	1583.366	BMB
Total:			84.541	8.094	100.00	3842.279	

68 MCV

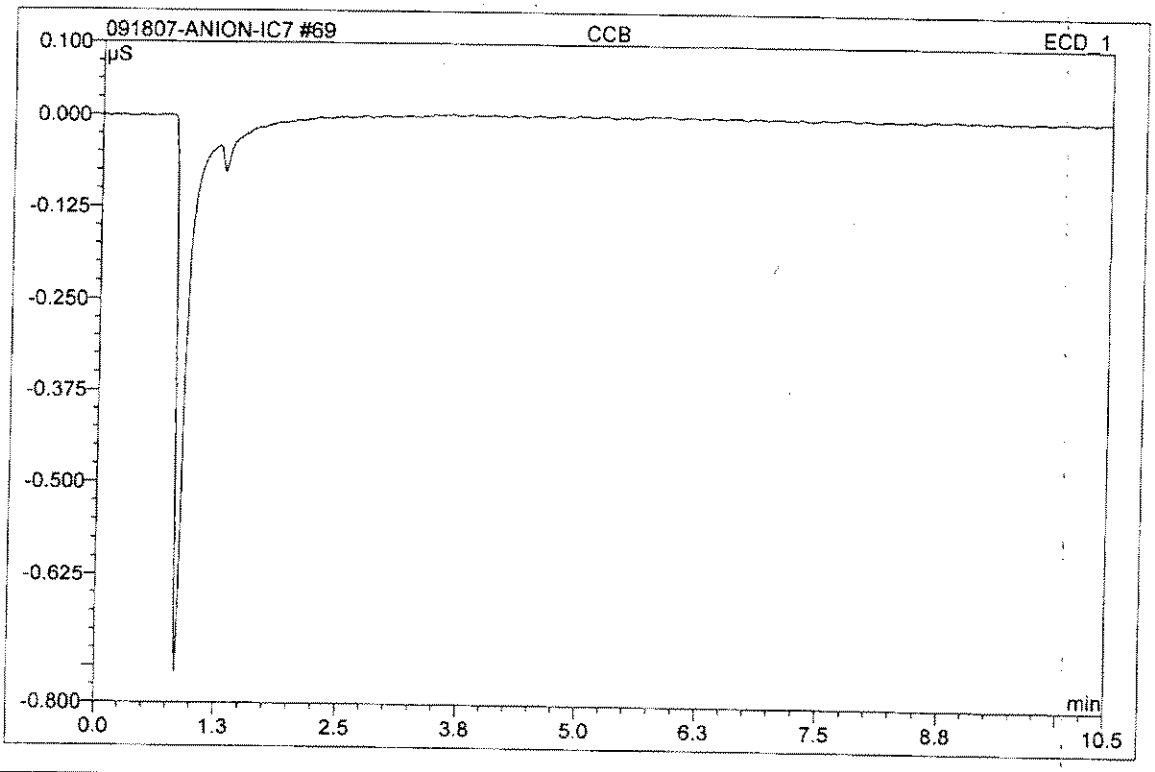
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**121**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 22:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	34.839	2.350	37.40	20.589	BMb
2	1.88	NO2-N,	5.027	0.423	6.72	1.963	bMB
3	3.22	NO3,	3.113	0.467	7.42	2.015	BMB
4	7.55	SO4,	8.520	3.045	48.46	41.015	BMB
Total:			51.499	6.285	100.00	65.582	

69 CCB

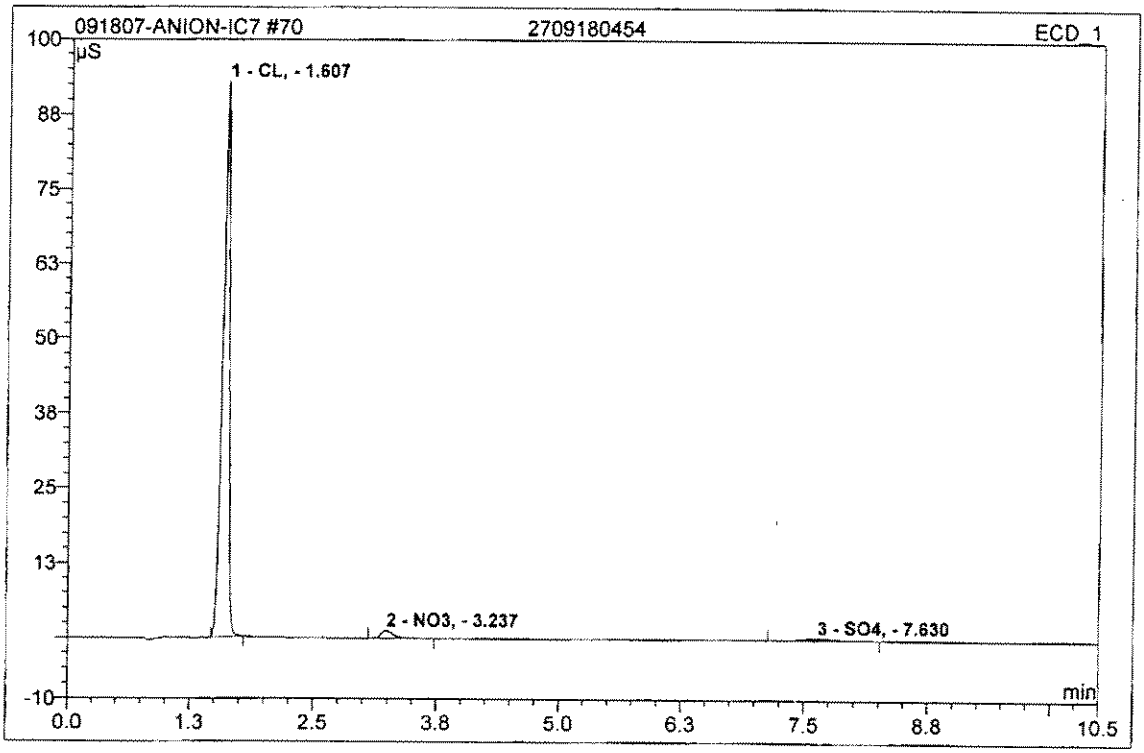
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**122**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/18/2007 22:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

70 2709180454

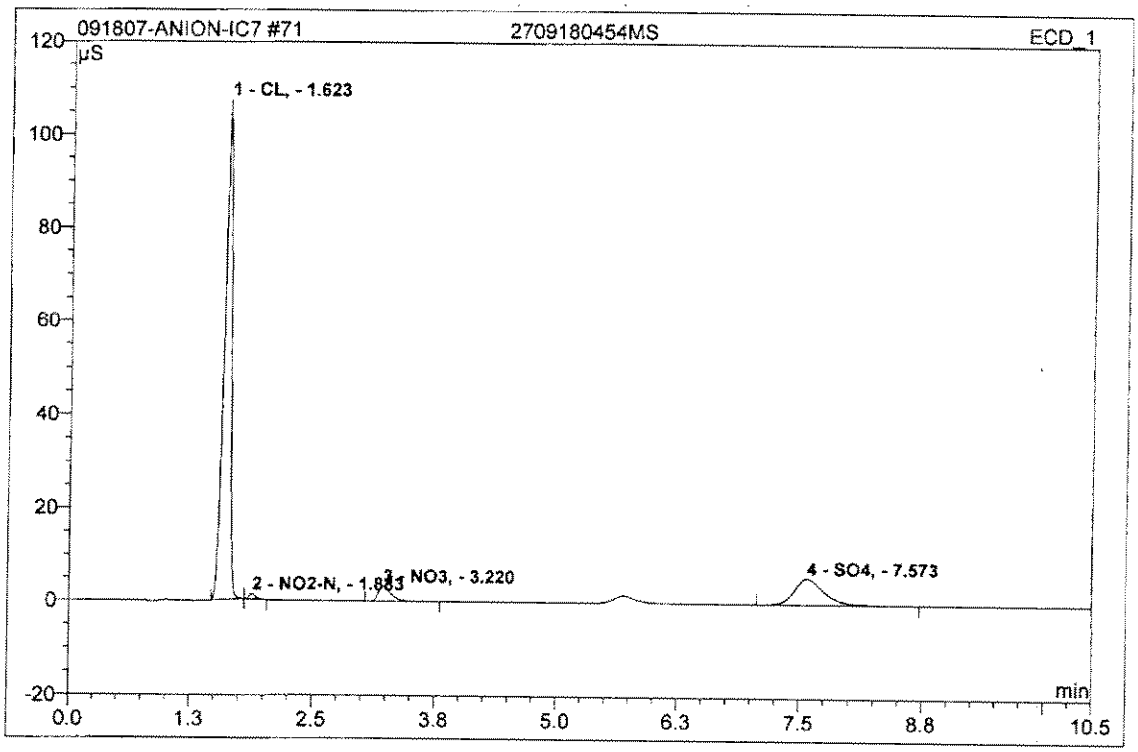
Sample Name:	**2709180454**	*Injection Volume:*	**1000.0**
Vial Number:	**123**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**9/18/2007 22:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.61	CL,	92.790	7.305	95.67	109.431	BMB
2	3.24	NO3,	1.319	0.194	2.53	1.704	BMB
3	7.63	SO4,	0.390	0.137	1.80	4.019	BMB
Total:			94.499	7.636	100.00	115.153	

71 2709180454MS

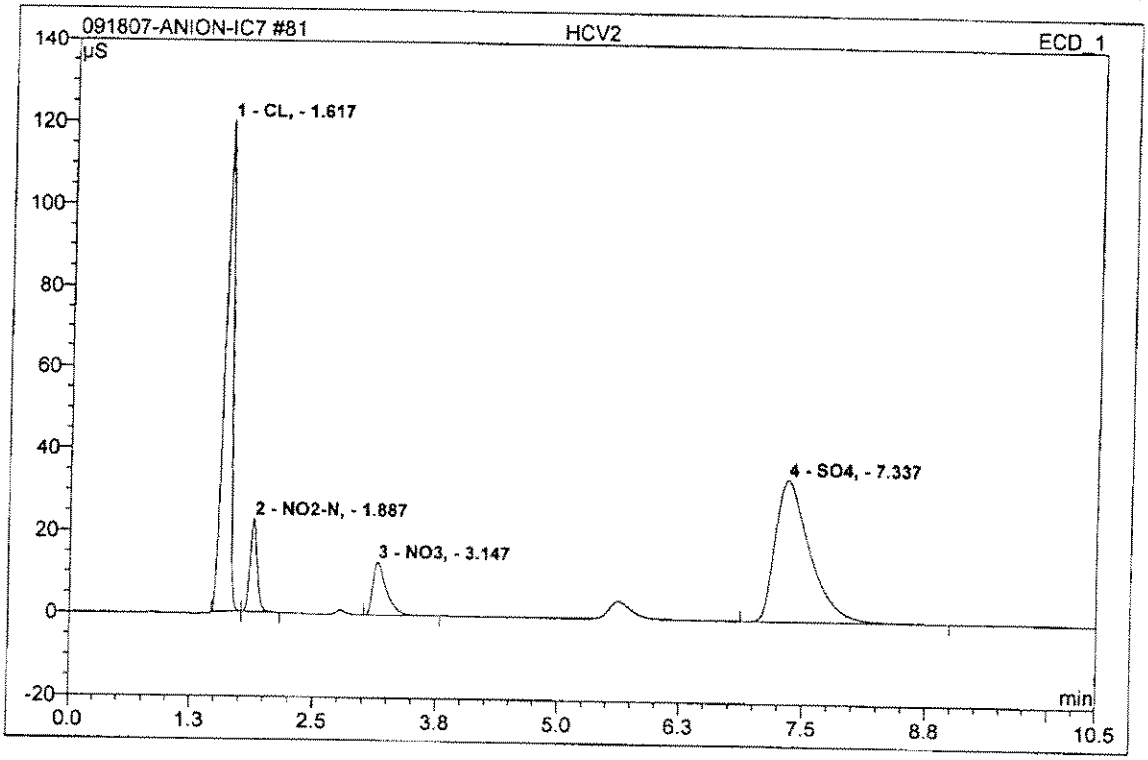
Sample Name:	**2709180454MS**	*Injection Volume:*	**1000.0**
Vial Number:	**124**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**2.0000**
Recording Time:	**9/18/2007 22:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	107.252	9.055	78.01	129.978	BMb
2	1.88	NO2-N,	1.120	0.088	0.76	0.841	bMB
3	3.22	NO3,	3.260	0.488	4.20	4.207	BMB
4	7.57	SO4,	5.596	1.977	17.03	54.781	BMB
Total:			117.227	11.609	100.00	189.807	

81 HCV2

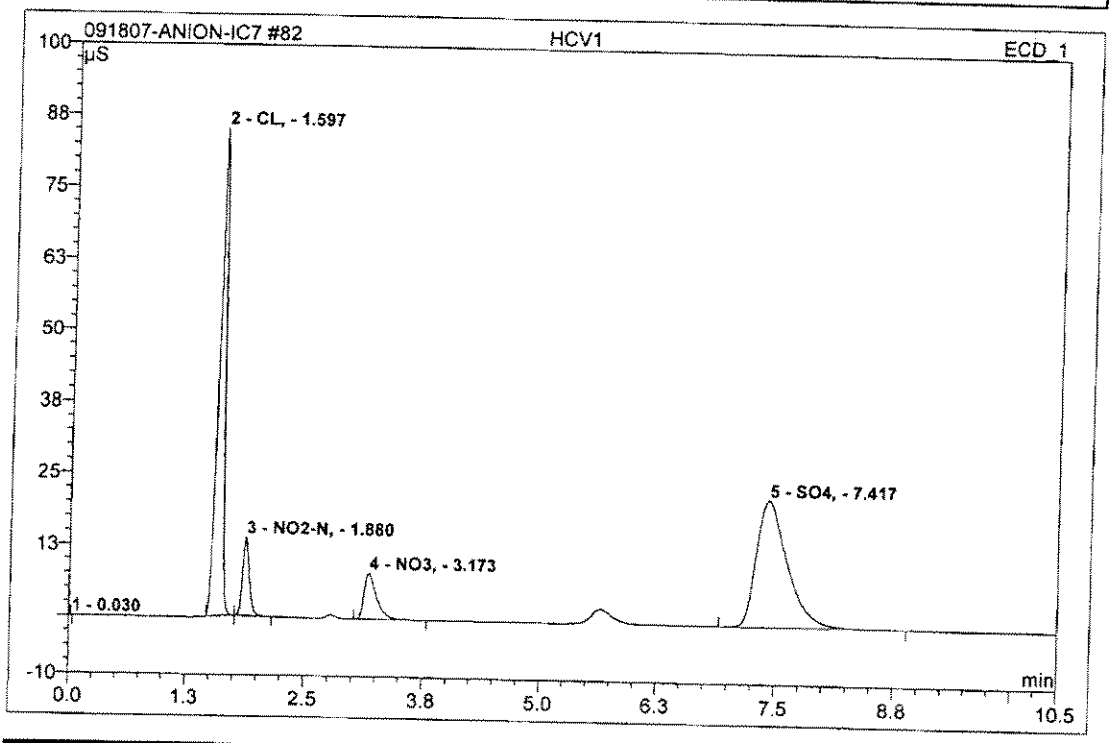
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**130**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/19/2007 0:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	119.814	10.826	37.50	74.730	BMb
2	1.89	NO2-N,	22.512	1.862	6.45	7.932	bMB
3	3.15	NO3,	12.904	2.056	7.12	8.075	BMB
4	7.34	SO4,	34.587	14.122	48.92	154.419	BMB
Total:			189.816	28.865	100.00	245.156	

82 HCV1

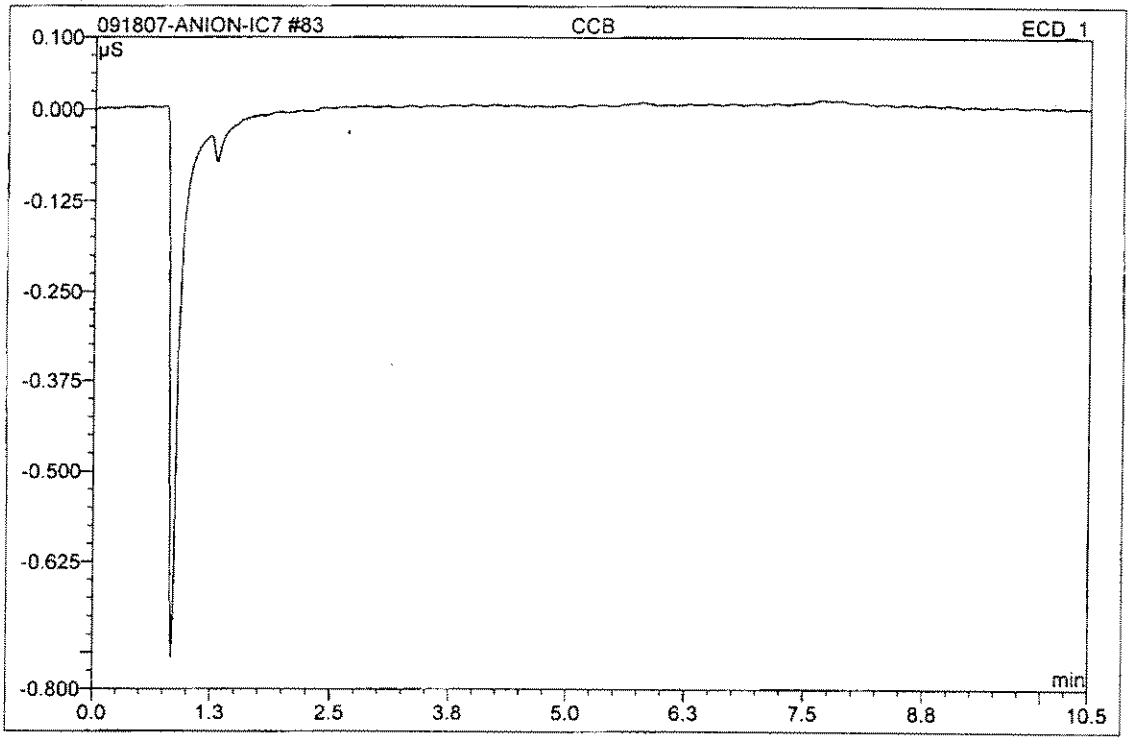
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**131**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/19/2007 1:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
2	1.60	CL,	84.964	6.594	37.87	50.326	BMB
3	1.88	NO2-N,	13.657	1.128	6.48	5.010	BMB
4	3.17	NO3,	7.984	1.242	7.13	5.104	BMB
5	7.42	SO4,	22.083	8.447	48.52	101.293	BMB
Total:			128.689	17.411	100.00	161.733	

83 CCB

Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**132**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-ANIONS PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#7**	*Dilution Factor:*	**1.0000**
Recording Time:	**9/19/2007 1:19**	*Sample Weight:*	**1.0000**
Run Time (min):	**10.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

Standard Preparation Worksheet & Certificate of Analysis

RW01652 rec'd 5-29-07

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Innovative Solutions in Analytical Science and Technology

Expiry: 11/24/2008

Certificate of Analysis

Part Number: **4400-050110rh03** **Solution A**
Lot Number: **07E209**
Shelf Life: **18 months**

MWH
Anion Calibration Stock Solution
H2O

Concentrations in ug/mL ± 0.5%

Cl	1000
N (NO3)	100
SO4	2000
Br	40
P	500

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA, +31 20 638 05 97 in Europe or visit our web-site at www.cpiinternational.com.

K 201651 rec'd 5-29-07

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Innovative Solutions in Analytical Science and Technology

Expiry: 11/4/2008

Certificate of Analysis

Part Number: **4400-050110rh03** **Solution B**
Lot Number: **07E209**
Shelf Life: **18 months**

MWH
Anion Calibration Stock Solution
H2O

Concentrations in ug/mL ± 0.5%

N (NO2)	100

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA, +31 20 638 05 97 in Europe or visit our web-site at www.cpiinternational.com.

Reagent Documentation

Reagent: Anion Calibration Stock Soln. N(NO2)-B **Reagent #:** 201651
Date Received: 29 May 07 **By:** TLH
Date Expired: 11/24/08 **Matrix:** aq
Manufacturer: CPI **Amount:** 10X 125mL
Storage Condition: room temp **Lot #:** 07E209

Component	Comment	Standard	Concentration
	CPI # 4400-050110rh03		

Comment:

Reagent: Anion Calibration Stock Soln. - A **Reagent #:** 201652
Date Received: 29 May 07 **By:** TLH
Date Expired: 11/24/08 **Matrix:** aq
Manufacturer: CPI **Amount:** 10X125
Storage Condition: room temp **Lot #:** 07E209

Component	Comment	Standard	Concentration
	CPI #4400-050110rh03		

Comment:

Reagent: Ultrex Nitric Acid **Reagent #:** 201653
Date Received: 30 May 07 / 12 Jun 07 **By:** TLH
Date Expired: May 2010 **Matrix:** aq
Manufacturer: J.T. Baker **Amount:** 2 x 500mL (2x500ml)
Storage Condition: room-temp **Lot #:** C15120

Component	Comment	Standard	Concentration
	J.T. Baker # 6901-05		

Comment:

Reagent Documentation

Reagent: Nitrate Buffer
Date Received: 15 ~~14~~ TH Nov 06
Date Expired: 26 Sept. 07
Manufacturer: CPI
Storage Condition:

Reagent #: 201519
By: NLH
Matrix: aq
Amount: 4x0 1Kg (500mL)
Lot #: 145626

Component	Comment	Standard	Concentration
	CPI # 1400-LAN-6-3F		

Comment:

Reagent: MWH Anion Mix Std LCS Stock
Date Received: 17 Nov 06
Date Expired: 1 Dec 07
Manufacturer: Inorganic Ventures
Storage Condition: refrigerate 4±2°C

Reagent #: 201520
By: LMR
Matrix: aq
Amount: 8x125ml A ~8x125ml B
Lot #: Z-ION2100B (A) 2100C

Component	Comment	Standard	Concentration
	MWH-Anion-300.0 - bottle A		
	ICNNO2100 - bottle B		

Comment:

Reagent: CCO Low Range Vials
Date Received: 21 Nov 06 / 25 Jan 07 / 02 May 07
Date Expired: Nov 2011 / Jan 2012 / May 2012
Manufacturer: WTW
Storage Condition: room temperature

Reagent #: 201521
By: TLH
Matrix: aq
Amount: 150 vials / 2x150
Lot #: 10246

Component	Comment	Standard	Concentration
	WTW # 253112		

Comment:

Reagent Preparation Documentation

Reagent: Anion Eluent Stock Soln. **MW #:** RH070227-1
Date Received/Prepped: 7/27/07 ~~4/27/08~~ RH **By:** RH
Date Expired: 4/27/08 **Matrix:** aq
Manufacturer: **Amount:** 1L
Storage Condition: room temperature **Lot #:**

Component	Comment	Standard	Concentration
Na_2CO_3	9.09g } dissolve in 1L DI	R201307	
$NaHCO_3$	14.28g } water	R201472	

Comment:

Reagent: AutoCal 2 / Lower - Anions **MW #:** RH070814-1
Date Received/Prepped: 8/14/07 **By:** RH
Date Expired: **Matrix:** aq
Manufacturer: CPI **Amount:** 100mL
Storage Condition: room temperature **Lot #:**

Component	Comment	Standard	Concentration
CPI Calibration			Cl 0.125 mg/L
Stock Soln A	12.5µL } dilute to 100mL w/ $DI H_2O$	R201652	NO_3 0.0125 mg/L
&			SO_4 0.25 mg/L
Stock Soln B	12.5µL }	R201651	$N(NO_2)$ 0.0125 mg/L
exp 11/24/08			

Comment: prepare fresh daily

Reagent: Anions AutoCal 3 **MW #:** RH070814-2
Date Received/Prepped: 8/14/07 **By:** RH
Date Expired: **Matrix:** aq
Manufacturer: CPI **Amount:** 100mL
Storage Condition: room temperature **Lot #:**

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 0.25
Stock Soln A	25µL } dilute to 100mL w/ $DI H_2O$	R201652	$N(NO_3)$ 0.025
&			SO_4 0.50
Stock Soln B	25µL }	R201651	$N(NO_2)$ 0.025
exp 11/24/08			

Comment: prepare fresh for each calibration

Reagent Preparation Documentation

Reagent: Anions AutoCal 4/MRL
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 92H070814-3
By: 92H
Matrix: ag
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 0.50
Stock Soln A	50µL } dilute to 100mL w/ DI H_2O	R201652	N(NO_2) 0.05
&			SO_4 1.0
Stock Soln B	50µL }	R201651	N(NO_3) 0.05
exp 11/24/08			

Comment: prepare fresh daily

Reagent: Anions AutoCal 5
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 92H070814-4
By: 92H
Matrix: ag
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 1.0
Stock Soln A	100µL } dilute to 100mL w/ DI H_2O	R201652	N(NO_2) 0.1
&			SO_4 2.0
Stock Soln B	100µL }	R201651	N(NO_3) 0.1
exp 11/24/08			

Comment: prepare fresh for each calibration

Reagent: Anions AutoCal 6
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 92H070814-5
By: 92H
Matrix: ag
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 2.0
Stock Soln A	200µL } dilute to 100mL w/ DI H_2O	R201652	N(NO_3) 0.2
&			SO_4 4.0
Stock Soln B	200µL }	R201651	N(NO_2) 0.2
exp 11/24/08			

Comment: prepare fresh for each calibration

Reagent Preparation Documentation

Reagent: Anions AutoCal 7
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 9LH070814-6
By: 9LH
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 5.0
Stock Soln A	500µL } dilute to 100mL w/ DI H2O	R201652	N(NO3) 0.5
+			SO4 10.0
Stock Soln B	500µL }	R201651	N(NO2) 0.5
exp 11/24/08			

Comment: prepare fresh for every calibration

Reagent: Anions AutoCal 8
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 9LH070814-7
By: 9LH
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 10.0
Stock Soln A	1.0mL } dilute to 100mL w/ DI H2O	R201652	N(NO3) 1.0
+			SO4 20.0
Stock Soln B	1.0mL }	R201651	N(NO2) 1.0
exp 11/24/08			

Comment: prepare fresh for every calibration

Reagent: Anions AutoCal 9
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 9LH070814-8
By: 9LH
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 25.0
Stock Soln A	2.5mL } dilute to 100mL w/ DI H2O	R201652	N(NO3) 2.5
+			SO4 5.0
Stock Soln B	2.5mL }	R201651	N(NO2) 2.5
exp 11/24/08			

Comment: prepare fresh for every calibration

Reagent Preparation Documentation

Reagent: Anions AutoCal 10/HCV)
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 92H070814-9
By: 92H
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 50.0
Stock Soln A	5.0mL }	R2011652	N(NO2) 5.0
&	} dilute to 100ml w/ DIH2O		SO4 100.0
Stock Soln B	5.0mL }	R2011651	N(NO3) ~~100.0~~ 92H 5.0
exp 11/24/08			

Comment: prepare fresh daily

Reagent: Anions AutoCal 11
Date Received/Prepped: 8/14/07
Date Expired:
Manufacturer: CPI
Storage Condition: room temperature

MW #: 92H0708-14-~~9~~10
By: 92H
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
CPI Calibration			Cl 100.0
Stock Soln A	10.0mL }	R2011652	N(NO2) 10.0
&	} dilute to 100ml w/ DIH2O		SO4 200.0
Stock Soln B	10.0mL }	R2011651	N(NO3) 10.0
exp 11/24/08			

Comment: prepare fresh for every calibration

Reagent: Anions LCS/LCSD
Date Received/Prepped: 10/10/07
Date Expired:
Manufacturer: Inorganic Ventures
Storage Condition: room temperature

MW #: 92H071010-1
By: 92H
Matrix: aq
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration mg/L
Inorganic Ventures			Cl 25.0
Stock Soln A	1.0mL }	R201520-A	N(NO2) 2.50
&	} dilute to 100ml w/ DIH2O		SO4 50.0
Stock Soln B	1.0mL }	R201520-B	N(NO3) 1.00
exp 12/1/07			

Comment: prepare fresh daily