December 01, 2017

Vista Work Order No. 1700932

Mr. Bob Gibson
GE Energy
1 River Road, Bldg. 5-7W
Schenectady, NY 12345

Dear Mr. Gibson,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on July 26, 2017. This sample set was analyzed on a standard turn-around time, under your Project Name 'Hudson River RAMP'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director

Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1700932
Case Narrative

Sample Condition on Receipt:

One water sample was received in good condition and within the method temperature requirements. The sample was received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

A**nalytical Notes:**

EPA Method 1668C

The sample was extracted and analyzed for 209 PCB congeners by EPA Method 1668C using a ZB-1 GC column.

Method 1668C identifies in Section 16.5 and 18.5 that loss of one or more chlorines from a highly chlorinated congener may inflate or create a false concentration for a less chlorinated congener. Section 10.3.1.1 also indicates that the laboratory must monitor the exact m/z's for congeners at higher levels of chlorination to determine if fragments will compromise measurement of congeners at lower levels of chlorination. Mass interference from congeners at higher levels of chlorination to congeners at lower levels of chlorination is particularly critical to proper identification and quantitation of the World Health Organization (WHO) List PCB congeners that have Toxicity Equivalence Factors (TEFs) relative to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (2,3,7,8- TCDD). The following table lists the higher level chlorination congeners that can potentially qualitatively and quantitatively interfere with the measurement of the WHO list PCB congeners. The data user should be aware of these potential interferences when evaluating results for the WHO list congeners. If accurate Toxic Equivalency Quotients (TEQs) are of interest, optional analysis incorporating carbon column fractionation and/or a second column can be used to refine WHO list congener results.

WHO List
Fragmentation Interferences
ZB-1 GC Column

Congener	Approx. RT	Homologue	1	ΔRT	2	ΔRT
PCB-77	39:40:00	Tetra	PCB-120	-1	PCB-148	2
PCB-81	39:04:00	Tetra	PCB-87/117/125	3	NA	
PCB-105	43:05:00	Penta	PCB-132/161	0	NA	
PCB-114	42:13:00	Penta	PCB-134/143	-3	NA	
PCB-106/118	41:36:00	Penta	PCB-139/149	-4	NA	
PCB-123	41:24:00	Penta	NA		NA	
PCB-126	45:19:00	Penta	PCB-129	0	NA	
PCB-156	48:05:00	Hexa	PCB-171	1	NA	
PCB-157	48:20:00	Hexa	NA		PCB-202	-2
PCB-167	46:47:00	Hexa	NA		NA	
PCB-169	50:33:00	Hexa	NA		NA	
PCB-189	49:22:00	Hepta	NA		NA	

Holding Times

The samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. The concentration of PCB-11 was 14.5 pg/L in the Method Blank. No other analytes were detected above the sample quantitation limits. The OPR recoveries were within the method acceptance criteria.

The sample batch (B7K0025) did not include a percent solid blank; this will be included in future batches.

As requested, "U" flags were used for non-detects and "UM" flags were used for EMPCs.

The labeled standard recoveries outside the acceptance criteria are listed in the table below.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1700932-01	HFL-SVDB-T170301124240	01-Mar-17 10:30	26-Jul-17 09:40	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Percent Solids

LabNumber	SampleName	% Solids	RL (%)	Date Analyzed	Batch
1700932-01	HFL-SVDB-T170301124240	ND	0.1	07-Nov-2017	B7K0024

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 18:25 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	ND	5.00	1.60	U	PCB-44	ND	5.00	2.73	U
PCB-2	ND	5.00	1.68	U	PCB-45	ND	5.00	2.60	U
PCB-3	ND	5.00	1.66	U	PCB-46	ND	5.00	2.73	U
PCB-4/10	ND	10.0	2.44	U	PCB-47	ND	5.00	2.47	UM
PCB-5/8	ND	10.0	1.53	U	PCB-48/75	ND	10.0	1.89	U
PCB-6	ND	5.00	2.10	U	PCB-50	ND	5.00	2.38	U
PCB-7/9	ND	10.0	2.03	U	PCB-51	ND	5.00	2.26	U
PCB-11	14.5	5.00			PCB-52/69	ND	10.0	1.23	U
PCB-12/13	ND	10.0	1.94	U	PCB-53	ND	5.00	2.34	U
PCB-14	ND	5.00	1.61	U	PCB-54	ND	5.00	1.91	U
PCB-15	ND	5.00	1.76	U	PCB-55	ND	5.00	1.62	U
PCB-16/32	ND	10.0	1.62	U	PCB-56/60	ND	10.0	1.76	U
PCB-17	ND	5.00	1.63	U	PCB-57	ND	5.00	1.88	U
PCB-18	ND	5.00	1.26	U	PCB-58	ND	5.00	1.76	U
PCB-19	ND	5.00	1.96	U	PCB-61/70	ND	10.0	0.916	U
PCB-20/21/33	ND	15.0	0.638	U	PCB-62	ND	5.00	1.96	U
PCB-22	ND	5.00	1.57	U	PCB-63	ND	5.00	1.76	U
PCB-23	ND	5.00	1.53	U	PCB-65	ND	5.00	2.01	U
PCB-24/27	ND	10.0	1.25	U	PCB-66/76	ND	10.0	1.79	U
PCB-25	ND	5.00	1.64	U	PCB-67	ND	5.00	1.88	U
PCB-26	ND	5.00	1.53	U	PCB-68	ND	5.00	1.68	U
PCB-28	ND	5.00	1.03	U	PCB-73	ND	5.00	1.93	U
PCB-29	ND	5.00	1.50	U	PCB-74	ND	5.00	1.76	U
PCB-30	ND	5.00	1.26	U	PCB-77	ND	5.00	1.77	U
PCB-31	ND	5.00	0.975	U	PCB-78	ND	5.00	1.86	U
PCB-34	ND	5.00	1.59	U	PCB-79	ND	5.00	1.65	U
PCB-35	ND	5.00	1.60	U	PCB-80	ND	5.00	1.48	U
PCB-36	ND	5.00	1.55	U	PCB-81	ND	5.00	1.66	U
PCB-37	ND	5.00	1.44	U	PCB-82	ND	5.00	4.22	U
PCB-38	ND	5.00	1.63	U	PCB-83	ND	5.00	2.69	U
PCB-39	ND	5.00	1.45	U	PCB-84/92	ND	10.0	3.81	U
PCB-40	ND	5.00	3.03	U	PCB-85/116	ND	10.0	3.33	U
PCB-41/64/71/72	ND	20.0	1.95	U	PCB-86	ND	5.00	4.27	U
PCB-42/59	ND	10.0	2.08	U	PCB-87/117/125	ND	15.0	2.89	U
PCB-43/49	ND	10.0	2.34	U	PCB-88/91	ND	5.00	3.67	U

RL - Reporting limit

DL - Sample specifc estimated detection limit

LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 18:25 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.00	3.92	U	PCB-137	ND	5.00	2.62	U
PCB-90/101	ND	10.0	3.36	U	PCB-138/163/164	ND	15.0	1.70	U
PCB-93	ND	5.00	4.08	U	PCB-139/149	ND	10.0	3.68	U
PCB-94	ND	5.00	3.78	U	PCB-140	ND	5.00	3.92	U
PCB-95/98/102	ND	15.0	3.35	U	PCB-141	ND	5.00	2.66	U
PCB-96	ND	5.00	3.05	U	PCB-142	ND	5.00	3.19	U
PCB-97	ND	5.00	3.40	U	PCB-144	ND	5.00	3.81	U
PCB-99	ND	5.00	3.14	U	PCB-145	ND	5.00	2.98	U
PCB-100	ND	5.00	3.29	U	PCB-146/165	ND	10.0	2.46	U
PCB-103	ND	5.00	3.22	U	PCB-147	ND	5.00	4.27	U
PCB-104	ND	5.00	2.64	U	PCB-148	ND	5.00	4.02	U
PCB-105	ND	5.00	1.06	U	PCB-150	ND	5.00	2.87	U
PCB-106/118	ND	10.0	2.60	U	PCB-151	ND	5.00	3.91	U
PCB-107/109	ND	10.0	2.52	U	PCB-152	ND	5.00	2.92	U
PCB-108/112	ND	10.0	3.20	U	PCB-153	1.91	5.00		J
PCB-110	ND	5.00	2.68	U	PCB-154	ND	5.00	3.64	U
PCB-111/115	ND	10.0	2.44	U	PCB-155	ND	5.00	2.67	U
PCB-113	ND	5.00	3.06	U	PCB-156	ND	5.00	1.90	U
PCB-114	ND	5.00	1.02	U	PCB-157	ND	5.00	1.94	U
PCB-119	ND	5.00	2.40	U	PCB-158/160	ND	10.0	2.24	U
PCB-120	ND	5.00	2.33	U	PCB-159	ND	5.00	2.05	U
PCB-121	ND	5.00	2.38	U	PCB-166	ND	5.00	2.18	U
PCB-122	ND	5.00	1.18	U	PCB-167	ND	5.00	2.04	U
PCB-123	ND	5.00	2.52	U	PCB-168	ND	5.00	1.95	U
PCB-124	ND	5.00	2.55	U	PCB-169	ND	5.00	2.22	U
PCB-126	ND	5.00	1.20	U	PCB-170	ND	5.00	2.67	U
PCB-127	ND	5.00	1.16	U	PCB-171	ND	5.00	2.47	U
PCB-128/162	ND	10.0	2.46	U	PCB-172	ND	5.00	2.62	U
PCB-129	ND	5.00	3.24	U	PCB-173	ND	5.00	3.01	U
PCB-130	ND	5.00	3.07	U	PCB-174	ND	5.00	2.75	U
PCB-131/133	ND	10.0	2.98	U	PCB-175	ND	5.00	2.57	U
PCB-132/161	ND	10.0	2.43	U	PCB-176	ND	5.00	1.91	U
PCB-134/143	ND	10.0	2.95	U	PCB-177	ND	5.00	2.85	U
PCB-135	ND	5.00	3.82	U	PCB-178	ND	5.00	2.61	U
PCB-136	ND	5.00	2.91	U	PCB-179	ND	5.00	2.03	U

RL - Reporting limit

DL - Sample specifc estimated detection limit

LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 18:25 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	ND	5.00	2.52	U
PCB-181	ND	5.00	2.65	U
PCB-182/187	ND	10.0	2.40	U
PCB-183	ND	5.00	2.28	U
PCB-184	ND	5.00	2.07	U
PCB-185	ND	5.00	2.52	U
PCB-186	ND	5.00	1.96	U
PCB-188	ND	5.00	1.88	U
PCB-189	ND	5.00	1.72	U
PCB-190	ND	5.00	1.97	U
PCB-191	ND	5.00	1.89	U
PCB-192	ND	5.00	2.03	U
PCB-193	ND	5.00	1.93	U
PCB-194	ND	5.00	0.812	U
PCB-195	ND	5.00	1.36	U
PCB-196/203	ND	10.0	2.94	U
PCB-197	ND	5.00	2.11	U
PCB-198	ND	5.00	3.13	U
PCB-199	ND	5.00	3.33	U
PCB-200	ND	5.00	2.32	U
PCB-201	ND	5.00	2.26	U
PCB-202	ND	5.00	2.45	U
PCB-204	ND	5.00	2.33	U
PCB-205	ND	5.00	0.961	U
PCB-206	ND	5.00	1.45	U
PCB-207	ND	5.00	0.983	U
PCB-208	ND	5.00	0.989	U
PCB-209	ND	5.00	1.04	U
Total monoCB	ND		1.68	U
Total diCB	14.5			
Total triCB	ND		1.96	U
Total tetraCB	ND		2.47	UM
Total pentaCB	ND		4.27	U
Total hexaCB	1.91			
Total heptaCB	ND		3.01	U

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	ND		3.33	U
Total nonaCB	ND		1.45	U
DecaCB	ND		1.04	U
Total PCB	16.4			

RL - Reporting limit

DL - Sample specifc estimated detection limit

LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 18:25 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	53.0	5 - 145	
	13C-PCB-3	56.2	5 - 145	
	13C-PCB-4	75.4	5 - 145	
	13C-PCB-11	85.5	5 - 145	
	13C-PCB-9	76.2	5 - 145	
	13C-PCB-19	63.4	5 - 145	
	13C-PCB-28	85.9	5 - 145	
	13C-PCB-32	66.3	5 - 145	
	13C-PCB-37	92.4	5 - 145	
	13C-PCB-47	86.3	5 - 145	
	13C-PCB-52	86.5	5 - 145	
	13C-PCB-54	84.3	5 - 145	
	13C-PCB-70	90.7	5 - 145	
	13C-PCB-77	87.9	10 - 145	
	13C-PCB-80	91.6	10 - 145	
	13C-PCB-81	88.7	10 - 145	
	13C-PCB-95	91.0	10 - 145	
	13C-PCB-97	91.8	10 - 145	
	13C-PCB-101	87.8	10 - 145	
	13C-PCB-104	87.2	10 - 145	
	13C-PCB-105	106	10 - 145	
	13C-PCB-114	110	10 - 145	
	13C-PCB-118	90.6	10 - 145	
	13C-PCB-123	95.9	10 - 145	
	13C-PCB-126	99.9	10 - 145	
	13C-PCB-127	106	10 - 145	
	13C-PCB-138	90.6	10 - 145	
	13C-PCB-141	91.1	10 - 145	
	13C-PCB-153	91.6	10 - 145	
	13C-PCB-155	64.4	10 - 145	
	13C-PCB-156	95.9	10 - 145	

	Labeled Standard	%R	LCL-UCL	Qualifiers
	13C-PCB-157	95.0	10 - 145	
	13C-PCB-159	88.7	10 - 145	
	13C-PCB-167	91.3	10 - 145	
	13C-PCB-169	92.9	10 - 145	
	13C-PCB-170	92.4	10 - 145	
	13C-PCB-180	94.7	10 - 145	
	13C-PCB-188	91.0	10 - 145	
	13C-PCB-189	92.2	10 - 145	
	13C-PCB-194	92.3	10 - 145	
	13C-PCB-202	70.6	10 - 145	
	13C-PCB-206	84.1	10 - 145	
	13C-PCB-208	77.8	10 - 145	
	13C-PCB-209	80.7	10 - 145	
CRS	13C-PCB-79	92.4	10 - 145	
	13C-PCB-178	92.6	10 - 145	

RL - Reporting limit

DL - Sample specifc estimated detection limit

LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BS1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 16:13 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-1	1020	1000	102	60 - 135
PCB-2	1160	1000	116	60 - 135
PCB-3	1030	1000	103	60 - 135
PCB-4/10	1970	2000	98.3	60 - 135
PCB-5/8	2170	2000	109	60 - 135
PCB-6	1080	1000	108	60 - 135
PCB-7/9	2060	2000	103	60 - 135
PCB-11	999	1000	99.9	60 - 135
PCB-12/13	2040	2000	102	60 - 135
PCB-14	954	1000	95.4	60 - 135
PCB-15	1030	1000	103	60 - 135
PCB-16/32	2090	2000	104	60 - 135
PCB-17	1000	1000	100	60 - 135
PCB-18	965	1000	96.5	60 - 135
PCB-19	1000	1000	100	60 - 135
PCB-20/21/33	3340	3000	111	60 - 135
PCB-22	1150	1000	115	60 - 135
PCB-23	969	1000	96.9	60 - 135
PCB-24/27	2100	2000	105	60 - 135
PCB-25	1080	1000	108	60 - 135
PCB-26	1090	1000	109	60 - 135
PCB-28	1110	1000	111	60 - 135
PCB-29	1090	1000	109	60 - 135
PCB-30	1050	1000	105	60 - 135
PCB-31	996	1000	99.6	60 - 135
PCB-34	1180	1000	118	60 - 135
PCB-35	1050	1000	105	60 - 135
PCB-36	948	1000	94.8	60 - 135
PCB-37	993	1000	99.3	60 - 135
PCB-38	964	1000	96.4	60 - 135
PCB-39	953	1000	95.3	60 - 135
PCB-40	1070	1000	107	60 - 135
PCB-41/64/71/72	4160	4000	104	60 - 135
PCB-42/59	2070	2000	103	60 - 135
PCB-43/49	2020	2000	101	60 - 135
PCB-44	1030	1000	103	60 - 135
PCB-45	1030	1000	103	60 - 135
PCB-46	998	1000	99.8	60 - 135
PCB-47	1090	1000	109	60 - 135
PCB-48/75	1900	2000	95.0	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-1	36.1	15 - 145
IS	13C-PCB-3	39.9	15 - 145
IS	13C-PCB-4	53.8	15 - 145
IS	13C-PCB-9	53.5	15 - 145
IS	13C-PCB-11	62.9	15 - 145
IS	13C-PCB-19	46.5	15 - 145
IS	13C-PCB-28	58.2	15 - 145
IS	13C-PCB-32	50.6	15 - 145
IS	13C-PCB-37	68.6	15 - 145
IS	13C-PCB-47	66.4	15 - 145
IS	13C-PCB-52	66.6	15 - 145
IS	13C-PCB-54	64.0	15 - 145
IS	13C-PCB-70	69.8	15 - 145
IS	13C-PCB-77	70.4	40 - 145
IS	13C-PCB-80	70.6	40 - 145
IS	13C-PCB-81	71.1	40 - 145
IS	13C-PCB-95	68.0	40 - 145
IS	13C-PCB-97	68.8	40 - 145
IS	13C-PCB-101	67.6	40 - 145
IS	13C-PCB-104	62.6	40 - 145
IS	13C-PCB-105	80.9	40 - 145
IS	13C-PCB-114	80.8	40 - 145
IS	13C-PCB-118	71.4	40 - 145
IS	13C-PCB-123	72.0	40 - 145
IS	13C-PCB-126	79.0	40 - 145
IS	13C-PCB-127	78.9	40 - 145
IS	13C-PCB-138	68.9	40 - 145
IS	13C-PCB-141	69.8	40 - 145
IS	13C-PCB-153	69.4	40 - 145
IS	13C-PCB-155	47.8	40 - 145
IS	13C-PCB-156	73.3	40 - 145
IS	13C-PCB-157	71.6	40 - 145
IS	13C-PCB-159	68.2	40 - 145
IS	13C-PCB-167	69.5	40 - 145
IS	13C-PCB-169	74.8	40 - 145
IS	13C-PCB-170	75.0	40 - 145
IS	13C-PCB-180	73.8	40 - 145
IS	13C-PCB-188	70.7	40 - 145
IS	13C-PCB-189	74.7	40 - 145
IS	13C-PCB-194	68.2	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BS1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 16:13 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-50	1000	1000	100	60 - 135
PCB-51	993	1000	99.3	60 - 135
PCB-52/69	1930	2000	96.7	60 - 135
PCB-53	997	1000	99.7	60 - 135
PCB-54	987	1000	98.7	60 - 135
PCB-55	991	1000	99.1	60 - 135
PCB-56/60	1970	2000	98.7	60 - 135
PCB-57	1040	1000	104	60 - 135
PCB-58	1030	1000	103	60 - 135
PCB-61/70	2040	2000	102	60 - 135
PCB-62	1080	1000	108	60 - 135
PCB-63	1020	1000	102	60 - 135
PCB-65	994	1000	99.4	60 - 135
PCB-66/76	2050	2000	102	60 - 135
PCB-67	1050	1000	105	60 - 135
PCB-68	1110	1000	111	60 - 135
PCB-73	1070	1000	107	60 - 135
PCB-74	1010	1000	101	60 - 135
PCB-77	982	1000	98.2	60 - 135
PCB-78	1030	1000	103	60 - 135
PCB-79	992	1000	99.2	60 - 135
PCB-80	999	1000	99.9	60 - 135
PCB-81	985	1000	98.5	60 - 135
PCB-82	1040	1000	104	60 - 135
PCB-83	1020	1000	102	60 - 135
PCB-84/92	2110	2000	106	60 - 135
PCB-85/116	2260	2000	113	60 - 135
PCB-86	995	1000	99.5	60 - 135
PCB-87/117/125	3090	3000	103	60 - 135
PCB-88/91	2080	2000	104	60 - 135
PCB-89	1050	1000	105	60 - 135
PCB-90/101	2040	2000	102	60 - 135
PCB-93	1160	1000	116	60 - 135
PCB-94	1070	1000	107	60 - 135
PCB-95/98/102	3080	3000	103	60 - 135
PCB-96	1210	1000	121	60 - 135
PCB-97	1010	1000	101	60 - 135
PCB-99	947	1000	94.7	60 - 135
PCB-100	1130	1000	113	60 - 135
PCB-103	1100	1000	110	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-202	54.3	40 - 145
IS	13C-PCB-206	66.0	40 - 145
IS	13C-PCB-208	59.1	40 - 145
IS	13C-PCB-209	63.6	40 - 145
CRS	13C-PCB-79	71.7	40 - 145
CRS	13C-PCB-178	74.0	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BS1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 16:13 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-104	1060	1000	106	60 - 135			
PCB-105	982	1000	98.2	60 - 135			
PCB-106/118	2080	2000	104	60 - 135			
PCB-107/109	2120	2000	106	60 - 135			
PCB-108/112	2060	2000	103	60 - 135			
PCB-110	1120	1000	112	60 - 135			
PCB-111/115	2000	2000	100	60 - 135			
PCB-113	1090	1000	109	60 - 135			
PCB-114	1030	1000	103	60 - 135			
PCB-119	1020	1000	102	60 - 135			
PCB-120	979	1000	97.9	60 - 135			
PCB-121	984	1000	98.4	60 - 135			
PCB-122	1010	1000	101	60 - 135			
PCB-123	1010	1000	101	60 - 135			
PCB-124	1060	1000	106	60 - 135			
PCB-126	1010	1000	101	60 - 135			
PCB-127	1030	1000	103	60 - 135			
PCB-128/162	2000	2000	100	60 - 135			
PCB-129	953	1000	95.3	60 - 135			
PCB-130	1020	1000	102	60 - 135			
PCB-131/133	1910	2000	95.6	60 - 135			
PCB-132/161	1940	2000	96.8	60 - 135			
PCB-134/143	1920	2000	95.9	60 - 135			
PCB-135	1100	1000	110	60 - 135			
PCB-136	1090	1000	109	60 - 135			
PCB-137	961	1000	96.1	60 - 135			
PCB-138/163/164	2850	3000	94.9	60 - 135			
PCB-139/149	2260	2000	113	60 - 135			
PCB-140	1110	1000	111	60 - 135			
PCB-141	928	1000	92.8	60 - 135			
PCB-142	1020	1000	102	60 - 135			
PCB-144	1190	1000	119	60 - 135			
PCB-145	1080	1000	108	60 - 135			
PCB-146/165	1920	2000	96.2	60 - 135			
PCB-147	1180	1000	118	60 - 135			
PCB-148	1090	1000	109	60 - 135			
PCB-150	1060	1000	106	60 - 135			
PCB-151	1160	1000	116	60 - 135			
PCB-152	1080	1000	108	60 - 135			
PCB-153	933	1000	93.3	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BS1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 16:13 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-154	1100	1000	110	60 - 135			
PCB-155	1020	1000	102	60 - 135			
PCB-156	941	1000	94.1	60 - 135			
PCB-157	955	1000	95.5	60 - 135			
PCB-158/160	1960	2000	98.1	60 - 135			
PCB-159	976	1000	97.6	60 - 135			
PCB-166	958	1000	95.8	60 - 135			
PCB-167	933	1000	93.3	60 - 135			
PCB-168	931	1000	93.1	60 - 135			
PCB-169	970	1000	97.0	60 - 135			
PCB-170	1000	1000	100	60 - 135			
PCB-171	988	1000	98.8	60 - 135			
PCB-172	983	1000	98.3	60 - 135			
PCB-173	1010	1000	101	60 - 135			
PCB-174	901	1000	90.1	60 - 135			
PCB-175	980	1000	98.0	60 - 135			
PCB-176	987	1000	98.7	60 - 135			
PCB-177	969	1000	96.9	60 - 135			
PCB-178	994	1000	99.4	60 - 135			
PCB-179	975	1000	97.5	60 - 135			
PCB-180	999	1000	99.9	60 - 135			
PCB-181	1130	1000	113	60 - 135			
PCB-182/187	1910	2000	95.6	60 - 135			
PCB-183	994	1000	99.4	60 - 135			
PCB-184	967	1000	96.7	60 - 135			
PCB-185	924	1000	92.4	60 - 135			
PCB-186	999	1000	99.9	60 - 135			
PCB-188	974	1000	97.4	60 - 135			
PCB-189	992	1000	99.2	60 - 135			
PCB-190	995	1000	99.5	60 - 135			
PCB-191	1080	1000	108	60 - 135			
PCB-192	955	1000	95.5	60 - 135			
PCB-193	1010	1000	101	60 - 135			
PCB-194	1020	1000	102	60 - 135			
PCB-195	1040	1000	104	60 - 135			
PCB-196/203	2120	2000	106	60 - 135			
PCB-197	1010	1000	101	60 - 135			
PCB-198	1070	1000	107	60 - 135			
PCB-199	1030	1000	103	60 - 135			
PCB-200	1140	1000	114	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B7K0025	Lab Sample:	B7K0025-BS1
Sample Size:	1.00 L	Date Extracted:	06-Nov-2017 7:52	Date Analyzed:	08-Nov-17 16:13 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-201	1030	1000	103	60 - 135			
PCB-202	990	1000	99.0	60 - 135			
PCB-204	1030	1000	103	60 - 135			
PCB-205	1050	1000	105	60 - 135			
PCB-206	997	1000	99.7	60 - 135			
PCB-207	1030	1000	103	60 - 135			
PCB-208	1000	1000	100	60 - 135			
PCB-209	968	1000	96.8	60 - 135			

LCL-UCL - Lower control limit - upper control limit

Sample ID: HFL-SVDB-T170301124240 — EPA Method 1668C

Client Data
Name: GE Energy
Project: Hudson River RAMP
Date Collected: 01-Mar-2017 10:30

Sample Data
Matrix: Water
Sample Size: 0.976 L

Laboratory Data
Lab Sample: 1700932-01 — Date Received: 26-Jul-2017 9:40
QC Batch: B7K0025 — Date Extracted: 06-Nov-2017 7:52
Date Analyzed : 09-Nov-17 06:35 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	101	5.12		
PCB-2	1.98	5.12		J
PCB-3	17.5	5.12		
PCB-4/10	502	10.2		
PCB-5/8	60.6	10.2		
PCB-6	16.1	5.12		
PCB-7/9	ND	10.2	5.43	U
PCB-11	13.7	5.12		B
PCB-12/13	12.5	10.2		
PCB-14	ND	5.12	0.777	U
PCB-15	74.0	5.12		
PCB-16/32	75.1	10.2		
PCB-17	39.0	5.12		
PCB-18	91.8	5.12		
PCB-19	390	5.12		
PCB-20/21/33	14.9	15.4		J
PCB-22	21.5	5.12		
PCB-23	ND	5.12	1.34	U
PCB-24/27	146	10.2		
PCB-25	18.2	5.12		
PCB-26	43.3	5.12		
PCB-28	83.3	5.12		
PCB-29	ND	5.12	1.31	U
PCB-30	ND	5.12	1.13	U
PCB-31	87.3	5.12		
PCB-34	3.96	5.12		J
PCB-35	1.35	5.12		J
PCB-36	ND	5.12	1.45	U
PCB-37	23.7	5.12		
PCB-38	1.67	5.12		J
PCB-39	ND	5.12	1.51	U
PCB-40	19.2	5.12		
PCB-41/64/71/72	86.4	20.5		
PCB-42/59	44.6	10.2		
PCB-43/49	131	10.2		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-44	104	5.12		
PCB-45	38.0	5.12		
PCB-46	14.4	5.12		
PCB-47	118	5.12		
PCB-48/75	12.6	10.2		
PCB-50	ND	5.12	1.83	UM
PCB-51	23.2	5.12		
PCB-52/69	174	10.2		
PCB-53	87.3	5.12		
PCB-54	9.66	5.12		
PCB-55	ND	5.12	1.20	U
PCB-56/60	42.1	10.2		
PCB-57	2.03	5.12		J
PCB-58	ND	5.12	1.81	U
PCB-61/70	56.4	10.2		
PCB-62	ND	5.12	2.05	U
PCB-63	6.86	5.12		
PCB-65	ND	5.12	2.10	U
PCB-66/76	70.8	10.2		
PCB-67	2.56	5.12		J
PCB-68	7.86	5.12		
PCB-73	5.22	5.12		
PCB-74	32.5	5.12		
PCB-77	ND	6.68	6.68	UM
PCB-78	ND	5.12	2.00	U
PCB-79	ND	5.12	1.78	U
PCB-80	ND	5.12	1.60	U
PCB-81	ND	5.12	1.79	U
PCB-82	9.07	5.12		
PCB-83	ND	5.12	2.85	U
PCB-84/92	41.3	10.2		
PCB-85/116	11.4	10.2		
PCB-86	ND	5.12	4.54	U
PCB-87/117/125	19.4	15.4		
PCB-88/91	18.6	5.12		

RL - Reporting limit
DL - Sample specifc estimated detection limit
LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

Sample ID: HFL-SVDB-T170301124240 — EPA Method 1668C

Client Data
Name: GE Energy
Project: Hudson River RAMP
Date Collected: 01-Mar-2017 10:30

Sample Data
Matrix: Water
Sample Size: 0.976 L

Laboratory Data
Lab Sample: 1700932-01 — Date Received: 26-Jul-2017 9:40
QC Batch: B7K0025 — Date Extracted: 06-Nov-2017 7:52
Date Analyzed : 09-Nov-17 06:35 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.12	3.68	U
PCB-90/101	50.8	10.2		
PCB-93	ND	5.12	3.95	U
PCB-94	5.72	5.12		
PCB-95/98/102	64.1	15.4		
PCB-96	3.24	5.12		J
PCB-97	16.2	5.12		
PCB-99	28.7	5.12		
PCB-100	ND	5.12	2.03	UM
PCB-103	3.25	5.12		J
PCB-104	ND	5.12	2.47	U
PCB-105	18.1	5.12		
PCB-106/118	38.3	10.2		
PCB-107/109	3.34	10.2		J
PCB-108/112	7.08	10.2		J
PCB-110	68.9	5.12		
PCB-111/115	ND	10.2	2.59	U
PCB-113	ND	5.12	2.87	U
PCB-114	ND	5.12	1.22	UM
PCB-119	ND	5.12	2.35	UM
PCB-120	ND	5.12	2.47	U
PCB-121	ND	5.12	2.31	U
PCB-122	ND	5.12	1.66	U
PCB-123	ND	5.12	2.51	U
PCB-124	ND	5.12	1.47	U
PCB-126	ND	5.12	1.57	U
PCB-127	ND	5.12	1.59	U
PCB-128/162	5.42	10.2		J
PCB-129	ND	5.12	1.13	UM
PCB-130	2.45	5.12		J
PCB-131/133	3.64	10.2		J
PCB-132/161	9.71	10.2		J
PCB-134/143	3.83	10.2		J
PCB-135	7.91	5.12		
PCB-136	6.16	5.12		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	1.73	5.12		J
PCB-138/163/164	38.4	15.4		
PCB-139/149	25.6	10.2		
PCB-140	ND	5.12	3.65	U
PCB-141	5.50	5.12		
PCB-142	ND	5.12	1.14	U
PCB-144	ND	5.12	3.55	U
PCB-145	ND	5.12	2.78	U
PCB-146/165	7.30	10.2		J
PCB-147	ND	5.12	3.98	U
PCB-148	ND	5.12	3.74	U
PCB-150	ND	5.12	2.67	U
PCB-151	12.7	5.12		
PCB-152	ND	5.12	2.73	U
PCB-153	28.0	5.12		B
PCB-154	ND	5.12	3.40	U
PCB-155	ND	5.12	2.49	U
PCB-156	3.04	5.12		J
PCB-157	ND	5.12	0.724	U
PCB-158/160	2.36	10.2		J
PCB-159	ND	5.12	0.681	U
PCB-166	ND	5.12	0.724	U
PCB-167	ND	5.12	0.902	UM
PCB-168	ND	5.12	0.696	U
PCB-169	ND	5.12	0.726	U
PCB-170	5.62	5.12		
PCB-171	1.28	5.12		J
PCB-172	1.21	5.12		J
PCB-173	ND	5.12	2.34	U
PCB-174	5.51	5.12		
PCB-175	ND	5.12	2.06	U
PCB-176	ND	5.12	1.53	U
PCB-177	4.59	5.12		J
PCB-178	4.50	5.12		J
PCB-179	4.44	5.12		J

RL - Reporting limit
DL - Sample specifc estimated detection limit
LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

Sample ID: HFL-SVDB-T170301124240 — EPA Method 1668C

Client Data
Name: GE Energy
Project: Hudson River RAMP
Date Collected: 01-Mar-2017 10:30

Sample Data
Matrix: Water
Sample Size: 0.976 L

Laboratory Data
Lab Sample: 1700932-01 — Date Received: 26-Jul-2017 9:40
QC Batch: B7K0025 — Date Extracted: 06-Nov-2017 7:52
Date Analyzed : 09-Nov-17 06:35 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	13.3	5.12		
PCB-181	ND	5.12	2.05	U
PCB-182/187	12.4	10.2		
PCB-183	2.19	5.12		J
PCB-184	ND	5.12	1.66	U
PCB-185	ND	5.12	1.96	U
PCB-186	ND	5.12	1.58	U
PCB-188	ND	5.12	1.51	U
PCB-189	ND	5.12	1.26	U
PCB-190	1.39	5.12		J
PCB-191	ND	5.12	1.47	U
PCB-192	ND	5.12	1.57	U
PCB-193	ND	5.12	1.50	U
PCB-194	3.88	5.12		J
PCB-195	1.09	5.12		J
PCB-196/203	4.43	10.2		J
PCB-197	ND	5.12	1.15	U
PCB-198	ND	5.12	1.71	U
PCB-199	6.19	5.12		
PCB-200	ND	5.12	1.27	U
PCB-201	ND	5.12	1.23	U
PCB-202	2.90	5.12		J
PCB-204	ND	5.12	1.27	U
PCB-205	ND	5.12	0.911	U
PCB-206	4.05	5.12		J
PCB-207	0.637	5.12		J
PCB-208	ND	5.12	1.12	UM
PCB-209	ND	5.12	1.77	UM
Total monoCB	121			
Total diCB	679			
Total triCB	1040			
Total tetraCB	1090			
Total pentaCB	407			
Total hexaCB	164			
Total heptaCB	56.4			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	18.5			
Total nonaCB	4.69			
DecaCB	ND		1.77	UM
Total PCB	3580			

RL - Reporting limit
DL - Sample specifc estimated detection limit
LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

Sample ID: HFL-SVDB-T170301124240 — EPA Method 1668C

Client Data
Name: GE Energy
Project: Hudson River RAMP
Date Collected: 01-Mar-2017 10:30

Sample Data
Matrix: Water
Sample Size: 0.976 L

Laboratory Data
Lab Sample: 1700932-01 — Date Received: 26-Jul-2017 9:40
QC Batch: B7K0025 — Date Extracted: 06-Nov-2017 7:52
Date Analyzed : 09-Nov-17 06:35 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	47.7	5 -145	
	13C-PCB-3	51.8	5 -145	
	13C-PCB-4	73.3	5 -145	
	13C-PCB-11	82.5	5 -145	
	13C-PCB-9	74.8	5 -145	
	13C-PCB-19	59.4	5 -145	
	13C-PCB-28	82.7	5 -145	
	13C-PCB-32	61.8	5 -145	
	13C-PCB-37	86.4	5 -145	
	13C-PCB-47	84.3	5 -145	
	13C-PCB-52	81.8	5 -145	
	13C-PCB-54	81.9	5 -145	
	13C-PCB-70	86.5	5 -145	
	13C-PCB-77	87.3	10 -145	
	13C-PCB-80	88.0	10 -145	
	13C-PCB-81	85.3	10 -145	
	13C-PCB-95	87.3	10 -145	
	13C-PCB-97	86.7	10 -145	
	13C-PCB-101	86.8	10 -145	
	13C-PCB-104	85.6	10 -145	
	13C-PCB-105	110	10 -145	
	13C-PCB-114	114	10 -145	
	13C-PCB-118	91.1	10 -145	
	13C-PCB-123	92.6	10 -145	
	13C-PCB-126	111	10 -145	
	13C-PCB-127	113	10 -145	
	13C-PCB-138	89.5	10 -145	
	13C-PCB-141	88.1	10 -145	
	13C-PCB-153	89.7	10 -145	
	13C-PCB-155	65.9	10 -145	
	13C-PCB-156	91.0	10 -145	
	13C-PCB-157	91.6	10 -145	
	13C-PCB-159	89.6	10 -145	
	13C-PCB-167	89.6	10 -145	
	13C-PCB-169	96.2	10 -145	
	13C-PCB-170	93.0	10 -145	
	13C-PCB-180	92.4	10 -145	
	13C-PCB-188	88.1	10 -145	
	13C-PCB-189	98.6	10 -145	
	13C-PCB-194	89.7	10 -145	
	13C-PCB-202	68.3	10 -145	
	13C-PCB-206	81.2	10 -145	
	13C-PCB-208	73.0	10 -145	
	13C-PCB-209	75.8	10 -145	
CRS	13C-PCB-79	88.2	10 -145	
	13C-PCB-178	91.1	10 -145	

RL - Reporting limit
DL - Sample specifc estimated detection limit
LCL-UCL- Lower control limit - upper control limit
See individual congeners for qualifiers.

DATA QUALIFIERS & ABBREVIATIONS

B	**This compound was also detected in the method blank.**
D	**Dilution**
E	**The associated compound concentration exceeded the calibration range of the instrument.**
H	**Recovery and/or RPD was outside laboratory acceptance limits.**
I	**Chemical Interference**
J	**The amount detected is below the Reporting Limit/LOQ.**
M	**Estimated Maximum Possible Concentration. (CA Region 2 projects only)**
*****	**See Cover Letter**
Conc.	**Concentration**
NA	**Not applicable**
ND	**Not Detected**
TEQ	**Toxic Equivalency**
U	**Not Detected (specific projects only)**

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
Arkansas Department of Environmental Quality	17-015-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2016026
Minnesota Department of Health	1175673
New Hampshire Environmental Accreditation Program	207716
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-008
Pennsylvania Department of Environmental Protection	013
Texas Commission on Environmental Quality	T104704189-17-8
Virginia Department of General Services	8621
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	**Method**
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23

MATRIX: Biological Tissue	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	**Method**
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

MATRIX: Non-Potable Water	
Description of Test	**Method**
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	**Method**
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope	EPA 1613B

Dilution GC/HRMS	
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

1700932 0.4°C

ANCHOR QEA

305 West Grand Avenue Montvale, NJ 07645 Ph: 201-930-9890

ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY

COC ID: COC170724154133VISTA
Sample Custodian: SW
Lab: VISTA

Client: General Electric Company

Project: Hudson River Remedial Action Monitoring Program - Resuspension Monitoring

COC Sample Number	Field Sample ID	QA/QC	Matrix **	Date Collected	Time Collected	Media*	# Containers	TEST REQUESTED	METHOD	MS	MSD	LD	Turn Around Time (hrs)	Preservative
001	HFL-SVDB-T170301124240	ENV	W	03/01/2017	10:30	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC

Comments:

Relinquished by:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by:
Signature [signature]	Signature Via Fedex	Signature FedEx	Signature [signature]	Signature	Signature
Print Name D. Bubniak	Print Name	Print Name	Print Name Marissa Sparks	Print Name	Print Name
Company PACE	Company	Company	Company Vah	Company	Company
Date/Time 7/25/17 1600	Date/Time	Date/Time	Date/Time 7/26/17 0945	Date/Time	Date/Time

Date Printed: 7/24/2017 * S= SEDIMENT, W= WATER, PW= PORE WATER ** W = Total/Whole, D = Dissolved, R = Residue, S = Sediment ***Page 1 of 1***

Vista Analytical Laboratory

Sample Log-in Checklist

Vista Work Order #: 1700932 **TAT** Std (Hold)

Samples Arrival:	**Date/Time** 7/26/17 09:40	**Initials:** DT	**Location:** WR-2 **Shelf/Rack:** N/A
Logged In:	**Date/Time** 07/26/17 1207	**Initials:** RAB	**Location:** WR-2 **Shelf/Rack:** C5

Delivered By:	FedEx	UPS	On Trac	GSO	DHL	Hand Delivered	Other
Preservation:	Ice		Blue Ice		Dry Ice		None

Temp °C: 0.8 (uncorrected)	**Time:** 09:43	**Thermometer ID:** IR-2
Temp °C: 0.4 (corrected)	**Probe used:** Yes☐ No☑	

		YES	NO	NA
Adequate Sample Volume Received? A/B		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?		✓		
Shipping Documentation Present?		✓		
Airbill 2 of 2	Trk # 7359 2388 5228			
Sample Container Intact?		✓		
Sample Custody Seals Intact?				✓
Chain of Custody / Sample Documentation Present?		✓		
COC Anomaly/Sample Acceptance Form completed?			✓	✓

If Chlorinated or Drinking Water Samples, Acceptable Preservation?						✓
Preservation Documented:	$Na_2S_2O_3$	Trizma	None	Yes	No	NA
Shipping Container	Vista	Client	Retain	Return	Dispose	

Comments: Sample IDs: HFL-SVDB-T170301124240 A/B

EXTRACTION INFORMATION

Process Sheet

Workorder: 1700932

Prep Expiration: 2018-Mar-01
Client: GE Energy

Workorder Due: 20-Nov-17 00:00

TAT: 117

Method: **1668C Full List (All Congener OPR)**
Matrix: **Aqueous**
Client Matrix: Water
Also run: **Percent Solids**

Prep Batch: B7K0025

Prep Data Entered: 11/9/17 EL
Date and Initials

Initial Sequence: S7K0023

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
1700932-01 "A"	☑	HFL-SVDB-T170301124240	26-Jul-17 09:40	WR-2 C-5	

Vista PM:Martha Maier

Vial Box ID: Another

Sample Reconciled By: GRB 11/6/17

Page 1 of 1

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener

B7K0025

Chemist: BSS

Prep Date/Time: 06-Nov-17 07:52

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	~~CRS~~ PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
							NA	NA	NA	NA	
☐	B7K0025-BLK1	NA	NA	(1.00000)	BSS GRB 11/6/17	BSS GRB 11/6/17	NA	GRB 11/6/17	NA	NA	TD EZ 11/8/17
☐	B7K0025-BS1	↓	↓	(1.00000)	↓	↓	↓	↓	↓	↓	↓
☐	1700921-01	1528.73	504.94	1.02379	↓	↓	↓	↓	↓	↓	↓
☐	1700921-02	1487.23	506.69	0.98054	↓	↓	↓	↓	↓	↓	↓
☐	1700921-03	1503.15	503.75	0.9994	↓	↓	↓	↓	↓	↓	↓
☐	1700921-04	1517.80	502.31	1.01549	↓	↓	↓	↓	↓	↓	↓
☐	1700921-05	1534.33	504.70	1.02963	↓	↓	↓	↓	↓	↓	↓
☐	1700930-01	1543.00	506.76	1.03624	↓	↓	↓	↓	↓	↓	↓
☐	1700930-02	1535.65	505.99	1.02966	↓	↓	↓	↓	↓	↓	↓
☐	1700932-01	1479.57	503.89	0.97568	↓	↓	↓	↓	↓	↓	↓

IS Name	NS Name	~~CRS~~ PS Name	RS Name	Cycle Time	APP: (SEFUN) SOX SDS	Check Out: Chemist/Date: GRB 11/6/17
PCDD/F (V2)	PCDD/F (V2)	PCDD/F (V2)	PCDD/F	Start Date/Time	SOLV: DCM	Check In: Chemist/Date: EMPTY
PCB 17C2021, 10µL	PCB 16F1404, 10µL	PCB 17C2022, 10µL	PCB 17C2023, V2 10uL	NA	Other NA	Balance ID: HRMS-9
PAH	PAH	PAH	PAH	Stop Date/Time	Final Volume(s) 20µL	
				NA	Cg	

Comments: Assume 1 g = 1 mL

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B7K0024

Analyst: GRB **Test Code:** %Moist/%Solids

Analyte: **Units:** %

Dried at 110°C+/-5°C

Data Entry Verified by: (Initial and Date) GRB 11/7/17

Inst HRMS-9

Date/Time IN:	Date/Time OUT
11/6/17 9:00	11/7/17 7:40

	B	C	D	E	F	G	H	K	M	N	O	P	Q
				Intial and Date:	GRB 11/6/17	GRB 11/7/17			GRB 11/6/17				
Particle Size	SampID		SampType	Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids RawVal	pH Before	pH After	Acid Added	Cl-	Visual Inspection
NA	1700921-01		Sample	1.2800	11.0900	1.2800	0.0000	0.00	7	2	5	0	Clear
NA	1700921-02		Sample	1.2800	13.4000	1.2800	0.0000	0.00	5	2	5	0	Clear
NA	1700921-03		Sample	1.2600	13.2800	1.2600	0.0000	0.00	6	2	5	0	Clear
NA	1700921-04		Sample	1.2900	14.7200	1.2900	0.0000	0.00	5	2	5	0	Clear
NA	1700921-05		Sample	1.2700	15.8200	1.2700	0.0000	0.00	7	2	5	0	Clear
NA	1700930-01		Sample	1.2500	13.8800	1.2500	0.0000	0.00	7	2	5	0	Clear
NA	1700930-02		Sample	1.2600	15.8200	1.2600	0.0000	0.00	7	2	5	0	Clear
NA	1700932-01		Sample	1.2800	15.8600	1.2800	0.0000	0.00	6	2	5	0	Clear
NA	B7K0025-BLK1		QC	NA	NA	NA	NA	NA	5	2	5	0	Clear
NA	B7K0025-BS1		QC	NA	NA	NA	NA	NA	5	2	5	0	Clear

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B7K0024

Analyst: GRB	Test Code: %Moist/%Solids
Analyte: Dried at 110°C+/-5°C	Units: %

Data Entry Verified by: (Initial and Date) NA

Inst HRMS-9

Date/Time IN:	Date/Time OUT
11/6/17 9:00	11/7/17 7:40

	B	C	D	E	F	G	H	K	M	N	O	P	Q
				Intial and Date:	GRB 11/6/17	GRB 11/7/17			GRB 11/6/17				
Particle Size	SampID		SampType	Pan Tare Wt. (gms)	Wet Pan and Sample Weight (g)	Dry Pan and Sample Weight (g)	Dry Sample Weight (g)	%Solids RawVal	pH Before	pH After	Acid (A) Added	Cl-	Visual Inspection
	1700921-01	A	Sample	1.28	11.09	1.28			7	2	5	0	CLEAR
	1700921-02	A	Sample	1.28	13.40	1.28			5	2	5	0	CLEAR
	1700921-03	A	Sample	1.26	13.28	1.26			6	2	5	0	CLEAR
	1700921-04	A	Sample	1.29	14.72	1.29			5	2	5	0	CLEAR
	1700921-05	A	Sample	1.27	15.82	1.27			7	2	5	0	CLEAR
	1700930-01	A	Sample	1.25	13.88	1.25			7	2	5	0	CLEAR
	1700930-02	A	Sample	1.26	15.82	1.26			7	2	5	0	CLEAR
	1700932-01	A	Sample	1.28	15.86	1.28			6	2	5	0	CLEAR
	B7K0025-BLK1		QC				GRB 11/6/17		5	2	5	0	CLEAR
	B7K0025-BS1		QC						5	2	5	0	CLEAR

(A) ACID WAS ADDED DROPWISE. GRB 11/6/17

Batch: B7K0025

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1700921-01	1.02379 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
1700921-02	0.98054 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
1700921-03	0.9994 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
1700921-04	1.01549 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
1700921-05	1.02963 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
1700930-01	1.03624 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
1700930-02	1.02966 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
1700932-01	0.97568 ✓			20	06-Nov-17 07:52	GRB			Water	1668C Full List (All Conge
B7K0025-BLK1	1			20	06-Nov-17 07:52	GRB				QC
B7K0025-BS1	1			20	06-Nov-17 07:52	GRB	16F1404	10		QC

EL 11/9/17

SAMPLE DATA – EPA METHOD 1668C

Client ID: Method Blank Filename: 171108E2 S:7 Acq:8-NOV-17 18:25:04 ConCal: ST171108E2-1
Lab ID: B7K0025-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1 000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	*	*	n NotF¬	1.14	*		1600	2.5	1.60	*	0.996-1.006
Mono	PCB-2	*	*	n NotF¬	1.09	*		1600	2.5	1.68	*	0.983-0.993
Mono	PCB-3	*	*	n NotF¬	1.10	*		1600	2.5	1.66	*	0.996-1.006
Di	PCB-4/10	*	*	n NotF¬	1.41	*		3200	2.5	2.44	*	0.998-1.008
Di	PCB-7/9	*	*	n NotF¬	1.13	*		3200	2.5	2.03	*	0.864-0.871
Di	PCB-6	*	*	n NotF¬	1.09	*		3200	2.5	2.10	*	0.888-0.897
Di	PCB-5/8	*	*	n NotF¬	1.14	*		6080	1.0	1.53	*	0.905-0.913
Di	PCB-14	*	*	n NotF¬	1.39	*		3200	2.5	1.61	*	0.948-0.958
Di	PCB-11	5.98e+05	1.60	y 25:11	1.18	14.51		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	*	*	n NotF¬	1.15	*		3200	2.5	1.94	*	1.011-1.021
Di	PCB-15	*	*	n NotF¬	1.26	*		3200	2.5	1.76	*	1.023-1.033
Tri	PCB-19	*	*	n NotF¬	1.25	*		2150	2.5	1.96	*	0.996-1.006
Tri	PCB-30	*	*	n NotF¬	1.94	*		2150	2.5	1.26	*	1.033-1.043
Tri	PCB-18	*	*	n NotF¬	0.95	*		3820	1.0	1.26	*	0.949-0.959
Tri	PCB-17	*	*	n NotF¬	1.03	*		2150	2.5	1.63	*	0.955-0.965
Tri	PCB-24/27	*	*	n NotF¬	1.35	*		2150	2.5	1.25	*	0.976-0.986
Tri	PCB-16/32	*	*	n NotF¬	1.11	*		5720	1.0	1.62	*	0.995-1.005
Tri	PCB-34	*	*	n NotF¬	1.19	*		2880	2.5	1.59	*	0.955-0.965
Tri	PCB-23	*	*	n NotF¬	1.24	*		2880	2.5	1.53	*	0.958-0.968
Tri	PCB-29	*	*	n NotF¬	1.26	*		2880	2.5	1.50	*	0.966-0.976
Tri	PCB-26	*	*	n NotF¬	1.23	*		2880	2.5	1.53	*	0.974-0.984
Tri	PCB-25	*	*	n NotF¬	1.15	*		2880	2.5	1.64	*	0.980-0.990
Tri	PCB-31	*	*	n NotF¬	1.32	*		4900	1.0	0.975	*	0.992-1.002
Tri	PCB-28	*	*	n NotF¬	1.25	*		4900	1.0	1.03	*	0.995-1.005
Tri	PCB-20/21/33	*	*	n NotF¬	1.20	*		2920	1.0	0.638	*	1.017-1.027
Tri	PCB-22	*	*	n NotF¬	1.20	*		2880	2.5	1.57	*	1.032-1.042
Tri	PCB-36	*	*	n NotF¬	1.24	*		2880	2.5	1.55	*	0.929-0.939
Tri	PCB-39	*	*	n NotF¬	1.32	*		2880	2.5	1.45	*	0.943-0.953
Tri	PCB-38	*	*	n NotF¬	1.18	*		2880	2.5	1.63	*	0.966-0.976
Tri	PCB-35	*	*	n NotF¬	1.20	*		2880	2.5	1.60	*	0.982-0.992
Tri	PCB-37	*	*	n NotF¬	1.33	*		2880	2.5	1.44	*	0.995-1.005
Tetra	PCB-54	*	*	n NotF¬	1.12	*		2980	2.5	1.91	*	0.996-1.006
Tetra	PCB-50	*	*	n NotF¬	0.90	*		2980	2.5	2.38	*	1.038-1.048
Tetra	PCB-53	*	*	n NotF¬	1.14	*		2980	2.5	2.34	*	0.941-0.951
Tetra	PCB-51	*	*	n NotF¬	1.18	*		2980	2.5	2.26	*	0.952-0.962
Tetra	PCB-45	*	*	n NotF¬	1.03	*		2980	2.5	2.60	*	0.965-0.975
Tetra	PCB-46	*	*	n NotF¬	0.98	*		2980	2.5	2.73	*	0.981-0.991

Integrations by:
Analyst: MI
Date: 11/29/17

Reviewed by: CT Date: 12/1/17

Client ID: Method Blank Filename: 171108E2 S:7 Acq:8-NOV-17 18:25:04 ConCal: ST171108E2-1

Lab ID: B7K0025-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	*	*	n NotF╗	1.32	*		4550	1.0	1.23	*	0.996-1.006
Tetra	PCB-73	*	*	n NotF╗	1.39	*		2980	2.5	1.93	*	1.000-1.010
Tetra	PCB-43/49	*	*	n NotF╗	1.14	*		2980	2.5	2.34	*	1.005-1.015
Tetra	PCB-47	6.37e+04	0.51	n 31:58	1.04	2.469	R	*	2.5	*	1.000	0.996-1.006
Tetra	PCB-48/75	*	*	n NotF╗	1.31	*		2980	2.5	1.89	*	0.999-1.009
Tetra	PCB-65	*	*	n NotF╗	1.23	*		2980	2.5	2.01	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.27	*		2980	2.5	1.96	*	1.011-1.021
Tetra	PCB-44	*	*	n NotF╗	0.91	*		2980	2.5	2.73	*	1.020-1.030
Tetra	PCB-42/59	*	*	n NotF╗	1.20	*		2980	2.5	2.08	*	1.027-1.037
Tetra	PCB-41/64/71/72	*	*	n NotF╗	1.27	*		2980	2.5	1.95	*	1.046-1.056
Tetra	PCB-68	*	*	n NotF╗	1.48	*		2980	2.5	1.68	*	1.054-1.064
Tetra	PCB-40	*	*	n NotF╗	0.82	*		2980	2.5	3.03	*	1.060-1.070
Tetra	PCB-57	*	*	n NotF╗	1.15	*		2980	2.5	1.88	*	0.965-0.975
Tetra	PCB-67	*	*	n NotF╗	1.14	*		2980	2.5	1.88	*	0.974-0.984
Tetra	PCB-58	*	*	n NotF╗	1.22	*		2980	2.5	1.76	*	0.977-0.987
Tetra	PCB-63	*	*	n NotF╗	1.22	*		2980	2.5	1.76	*	0.982-0.992
Tetra	PCB-74	*	*	n NotF╗	1.22	*		2980	2.5	1.76	*	0.990-1.000
Tetra	PCB-61/70	*	*	n NotF╗	1.16	*		3690	1.0	0.916	*	0.994-1.004
Tetra	PCB-76/66	*	*	n NotF╗	1.20	*		2980	2.5	1.79	*	1.001-1.011
Tetra	PCB-80	*	*	n NotF╗	1.38	*		2980	2.5	1.48	*	0.995-1.005
Tetra	PCB-55	*	*	n NotF╗	1.26	*		2980	2.5	1.62	*	1.004-1.014
Tetra	PCB-56/60	*	*	n NotF╗	1.16	*		2980	2.5	1.76	*	1.018-1.028
Tetra	PCB-79	*	*	n NotF╗	1.24	*		2980	2.5	1.65	*	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.13	*		2980	2.5	1.86	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	1.27	*		2980	2.5	1.66	*	0.995-1.005
Tetra	PCB-77	*	*	n NotF╗	1.32	*		2980	2.5	1.77	*	0.995-1.005
Penta	PCB-104	*	*	n NotF╗	1.37	*		1600	2.5	2.64	*	0.996-1.006
Penta	PCB-96	*	*	n NotF╗	1.18	*		1600	2.5	3.05	*	1.034-1.044
Penta	PCB-103	*	*	n NotF╗	1.12	*		1600	2.5	3.22	*	1.051-1.061
Penta	PCB-100	*	*	n NotF╗	1.10	*		1600	2.5	3.29	*	1.062-1.072
Penta	PCB-94	*	*	n NotF╗	1.16	*		1600	2.5	3.78	*	0.981-0.991
Penta	PCB-95/98/102	*	*	n NotF╗	1.31	*		1600	2.5	3.35	*	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	1.08	*		1600	2.5	4.08	*	0.997-1.007
Penta	PCB-88/91	*	*	n NotF╗	1.20	*		1600	2.5	3.67	*	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.85	*		1600	2.5	2.38	*	1.009-1.019
Penta	PCB-84/92	*	*	n NotF╗	1.22	*		1600	2.5	3.81	*	0.985-0.995
Penta	PCB-89	*	*	n NotF╗	1.18	*		1600	2.5	3.92	*	0.990-1.000

Analyst: MN

Date: 11/29/17

Client ID: Method Blank Filename: 171108E2 S:7 Acq:8-NOV-17 18:25:04 ConCal: ST171108E2-1

Lab ID: B7K0025-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	*	*	n NotF╗	1.38	*		1600	2.5	3.36	*	0.995-1.005
Penta	PCB-113	*	*	n NotF╗	1.52	*		1600	2.5	3.06	*	1.002-1.012
Penta	PCB-99	*	*	n NotF╗	1.48	*		1600	2.5	3.14	*	1.004-1.014
Penta	PCB-119	*	*	n NotF╗	2.12	*		1600	2.5	2.40	*	0.982-0.992
Penta	PCB-108/112	*	*	n NotF╗	1.59	*		1600	2.5	3.20	*	0.986-0.996
Penta	PCB-83	*	*	n NotF╗	1.90	*		1600	2.5	2.69	*	0.991-1.001
Penta	PCB-97	*	*	n NotF╗	1.50	*		1600	2.5	3.40	*	0.995-1.005
Penta	PCB-86	*	*	n NotF╗	1.19	*		1600	2.5	4.27	*	0.999-1.009
Penta	PCB-87/117/125	*	*	n NotF╗	1.76	*		1600	2.5	2.89	*	1.002-1.012
Penta	PCB-111/115	*	*	n NotF╗	2.09	*		1600	2.5	2.44	*	1.007-1.017
Penta	PCB-85/116	*	*	n NotF╗	1.53	*		1600	2.5	3.33	*	1.010-1.020
Penta	PCB-120	*	*	n NotF╗	2.19	*		1600	2.5	2.33	*	1.016-1.026
Penta	PCB-110	*	*	n NotF╗	1.87	*		3920	1.0	2.68	*	1.020-1.030
Penta	PCB-82	*	*	n NotF╗	0.88	*		1600	2.5	4.22	*	0.971-0.981
Penta	PCB-124	*	*	n NotF╗	1.46	*		1600	2.5	2.55	*	0.988-0.998
Penta	PCB-107/109	*	*	n NotF╗	1.47	*		1600	2.5	2.52	*	0.991-1.001
Penta	PCB-123	*	*	n NotF╗	1.48	*		1600	2.5	2.52	*	0.996-1.006
Penta	PCB-106/118	*	*	n NotF╗	1.45	*		1600	2.5	2.60	*	0.996-1.006
Penta	PCB-114	*	*	n NotF╗	1.39	*		1200	2.5	1.02	*	0.995-1.005
Penta	PCB-122	*	*	n NotF╗	1.21	*		1200	2.5	1.18	*	0.999-1.009
Penta	PCB-105	*	*	n NotF╗	1.44	*		1200	2.5	1.06	*	0.995-1.005
Penta	PCB-127	*	*	n NotF╗	1.19	*		1200	2.5	1.16	*	0.995-1.005
Penta	PCB-126	*	*	n NotF╗	1.33	*		1200	2.5	1.20	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF╗	1.42	*		1020	2.5	2.67	*	0.966-1.006
Hexa	PCB-150	*	*	n NotF╗	1.32	*		1020	2.5	2.87	*	1.029-1.039
Hexa	PCB-152	*	*	n NotF╗	1.30	*		1020	2.5	2.92	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF╗	1.27	*		1020	2.5	2.98	*	1.054-1.064
Hexa	PCB-136	*	*	n NotF╗	1.30	*		1020	2.5	2.91	*	1.063-1.073
Hexa	PCB-148	*	*	n NotF╗	0.94	*		1020	2.5	4.02	*	1.066-1.076
Hexa	PCB-154	*	*	n NotF╗	1.04	*		1020	2.5	3.64	*	1.079-1.089
Hexa	PCB-151	*	*	n NotF╗	0.97	*		1020	2.5	3.91	*	1.095-1.107
Hexa	PCB-135	*	*	n NotF╗	0.99	*		1020	2.5	3.82	*	1.101-1.113
Hexa	PCB-144	*	*	n NotF╗	0.99	*		1020	2.5	3.81	*	1.105-1.116
Hexa	PCB-147	*	*	n NotF╗	0.89	*		1020	2.5	4.27	*	1.108-1.120
Hexa	PCB-139/149	*	*	n NotF╗	1.03	*		1020	2.5	3.68	*	1.115-1.127
Hexa	PCB-140	*	*	n NotF╗	0.97	*		1020	2.5	3.92	*	1.120-1.132
Hexa	PCB-134/143	*	*	n NotF╗	0.93	*		2490	2.5	2.95	*	0.970-0.980

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Client ID: Method Blank Filename: 171108E2 S:7 Acq:8-NOV-17 18:25:04 ConCal: ST171108E2-1
Lab ID: B7K0025-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	*	*	n NotF	0.92	*		2490	2.5	2.98	*	0.977-0.987
Hexa	PCB-142	*	*	n NotF	0.86	*		2490	2.5	3.19	*	0.980-0.990
Hexa	PCB-146/165	*	*	n NotF	1.12	*		2490	2.5	2.46	*	0.986-0.996
Hexa	PCB-132/161	*	*	n NotF	1.13	*		2490	2.5	2.43	*	0.992-1.002
Hexa	PCB-153	5.45e+04	1.35	y 43:11	1.16	1.911		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-168	*	*	n NotF	1.41	*		2490	2.5	1.95	*	1.000-1.010
Hexa	PCB-141	*	*	n NotF	1.24	*		2490	2.5	2.66	*	0.996-1.006
Hexa	PCB-137	*	*	n NotF	1.25	*		2490	2.5	2.62	*	1.004-1.014
Hexa	PCB-130	*	*	n NotF	1.07	*		2490	2.5	3.07	*	1.006-1.016
Hexa	PCB-138/163/164	*	*	n NotF	1.36	*		4430	1.0	1.70	*	0.996-1.006
Hexa	PCB-158/160	*	*	n NotF	1.46	*		2490	2.5	2.24	*	1.001-1.011
Hexa	PCB-129	*	*	n NotF	1.01	*		2490	2.5	3.24	*	1.007-1.017
Hexa	PCB-166	*	*	n NotF	1.23	*		2490	2.5	2.18	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF	1.31	*		2490	2.5	2.05	*	0.995-1.005
Hexa	PCB-128/162	*	*	n NotF	1.09	*		2490	2.5	2.46	*	1.002-1.012
Hexa	PCB-167	*	*	n NotF	1.29	*		2490	2.5	2.04	*	0.995-1.005
Hexa	PCB-156	*	*	n NotF	1.32	*		2490	2.5	1.90	*	0.995-1.005
Hexa	PCB-157	*	*	n NotF	1.34	*		2490	2.5	1.94	*	0.995-1.005
Hexa	PCB-169	*	*	n NotF	1.21	*		2490	2.5	2.22	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF	1.61	*		2530	2.5	1.88	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF	1.46	*		2530	2.5	2.07	*	1.006-1.016
Hepta	PCB-179	*	*	n NotF	1.49	*		2530	2.5	2.03	*	1.024-1.034
Hepta	PCB-176	*	*	n NotF	1.58	*		2530	2.5	1.91	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF	1.54	*		2530	2.5	1.96	*	1.049-1.059
Hepta	PCB-178	*	*	n NotF	1.16	*		2530	2.5	2.61	*	1.061-1.071
Hepta	PCB-175	*	*	n NotF	1.17	*		2530	2.5	2.57	*	1.069-1.079
Hepta	PCB-182/187	*	*	n NotF	1.25	*		2530	2.5	2.40	*	1.073-1.083
Hepta	PCB-183	*	*	n NotF	1.32	*		2530	2.5	2.28	*	1.080-1.090
Hepta	PCB-185	*	*	n NotF	1.67	*		2530	2.5	2.52	*	0.951-0.961
Hepta	PCB-174	*	*	n NotF	1.53	*		2530	2.5	2.75	*	0.958-0.968
Hepta	PCB-181	*	*	n NotF	1.59	*		2530	2.5	2.65	*	0.960-0.970
Hepta	PCB-177	*	*	n NotF	1.48	*		2530	2.5	2.85	*	0.964-0.974
Hepta	PCB-171	*	*	n NotF	1.71	*		2530	2.5	2.47	*	0.969-0.979
Hepta	PCB-173	*	*	n NotF	1.40	*		2530	2.5	3.01	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF	1.61	*		2530	2.5	2.62	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF	2.08	*		2530	2.5	2.03	*	0.991-1.001
Hepta	PCB-180	*	*	n NotF	1.67	*		2530	2.5	2.52	*	0.995-1.005

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Lab ID: B7K0025-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF╗	2.18	*		2530	2.5	1.93	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	2.22	*		2530	2.5	1.89	*	1.005-1.015
Hepta	PCB-170	*	*	n NotF╗	1.83	*		2530	2.5	2.67	*	0.995-1.005
Hepta	PCB-190	*	*	n NotF╗	2.48	*		2530	2.5	1.97	*	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.82	*		2530	2.5	1.72	*	0.995-1.005
Octa	PCB-202	*	*	n NotF╗	1.15	*		1200	2.5	2.45	*	0.995-1.005
Octa	PCB-201	*	*	n NotF╗	1.25	*		1200	2.5	2.26	*	1.005-1.015
Octa	PCB-204	*	*	n NotF╗	1.21	*		1200	2.5	2.33	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.34	*		1200	2.5	2.11	*	1.015-1.025
Octa	PCB-200	*	*	n NotF╗	1.22	*		1200	2.5	2.32	*	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.90	*		1200	2.5	3.13	*	1.064-1.074
Octa	PCB-199	*	*	n NotF╗	0.85	*		1200	2.5	3.33	*	1.067-1.077
Octa	PCB-196/203	*	*	n NotF╗	0.96	*		1200	2.5	2.94	*	1.072-1.082
Octa	PCB-195	*	*	n NotF╗	1.12	*		1830	2.5	1.36	*	0.979-0.989
Octa	PCB-194	*	*	n NotF╗	1.26	*		3070	1.0	0.812	*	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.59	*		1830	2.5	0.961	*	1.000-1.010
Nona	PCB-208	*	*	n NotF╗	1.09	*		1560	2.5	0.989	*	0.995-1.005
Nona	PCB-207	*	*	n NotF╗	1.10	*		1560	2.5	0.983	*	1.001-1.011
Nona	PCB-206	*	*	n NotF╗	0.94	*		1560	2.5	1.45	*	0.995-1.005
Deca	PCB-209	*	*	n NotF╗	1.44	*		2920	1.0	1.04	*	0.995-1.005

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Lab ID: B7K0025-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	*	*	n	NotFnd	1.11	*	
Total Di-PCB	5.98e+05	1.60	y	25:11	1.19	14.5077	
Total Tri-PCB	*	*	n	NotFnd	1.27	*	
Total Tri-PCB	*	*	n	NotFnd	1.23	*	Sum:0.00000
Total Tetra-PCB	*	*	n	NotFnd	1.17	*	
Total Penta-PCB	*	*	n	NotFnd	1.37	*	
Total Penta-PCB	*	*	n	NotFnd	1.31	*	Sum:0.00000
Total Hexa-PCB	*	*	n	NotFnd	1.10	*	
Total Hexa-PCB	5.45e+04	1.35	y	43:11	1.17	1.91060	Sum:1.91060
Total Hepta-PCB	*	*	n	NotFnd	1.55	*	
Total Octa-PCB	*	*	n	NotFnd	1.09	*	
Total Octa-PCB	*	*	n	NotFnd	1.33	*	Sum:0.00000
Total Nona-PCB	*	*	n	NotFnd	1.05	*	
Total Deca-PCB	*	*	n	NotFnd	1.44	*	

Total PCB Conc:18.8870940000

Integrations by Analyst: MN

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Client ID: Method Blank Filename: 171108E2 S:7 Acq:8-NOV-17 18:25:04 ConCal: ST171108E2-1
Lab ID: B7K0025-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	5.63e+07	3.25 y	1.24	16:00	0.618	0.616	0.622	1060	53.0
13C-PCB-3	6.05e+07	3.28 y	1.25	18:38	0.720	0.717	0.725	1120	56.2
13C-PCB-4	4.27e+07	1.59 y	0.66	19:59	0.772	0.768	0.776	1510	75.4
13C-PCB-9	6.43e+07	1.58 y	0.98	21:47	0.842	0.838	0.846	1520	76.2
13C-PCB-11	7.01e+07	1.59 y	0.95	25:10	0.972	0.968	0.978	1710	85.5
13C-PCB-19	3.47e+07	1.11 y	0.64	24:09	0.933	0.928	0.938	1270	63.4
13C-PCB-28	6.85e+07	1.06 y	0.98	29:03	1.004	0.999	1.009	1720	85.9
13C-PCB-32	5.14e+07	1.10 y	0.90	27:05	1.046	1.041	1.051	1330	66.3
13C-PCB-37	7.19e+07	1.08 y	0.95	32:55	1.138	1.131	1.144	1850	92.4
13C-PCB-47	4.95e+07	0.81 y	0.85	31:58	0.871	0.867	0.875	1730	86.3
13C-PCB-52	4.54e+07	0.79 y	0.77	31:27	0.857	0.853	0.861	1730	86.5
13C-PCB-54	5.66e+07	0.82 y	0.99	27:55	0.760	0.757	0.765	1690	84.3
13C-PCB-70	6.14e+07	0.83 y	1.00	35:28	0.966	0.961	0.971	1810	90.7
13C-PCB-77	5.69e+07	0.82 y	0.96	39:35	1.078	1.073	1.083	1760	87.9
13C-PCB-80	6.22e+07	0.79 y	1.00	35:54	0.978	0.973	0.983	1830	91.6
13C-PCB-81	6.03e+07	0.81 y	1.00	39:00	1.062	1.057	1.067	1770	88.7
13C-PCB-95	2.27e+07	1.66 y	0.81	35:47	0.913	0.908	0.918	1820	91.0
13C-PCB-97	1.97e+07	1.70 y	0.70	38:46	0.989	0.984	0.994	1840	91.8
13C-PCB-101	2.16e+07	1.68 y	0.80	37:28	0.956	0.951	0.961	1760	87.8
13C-PCB-104	2.77e+07	1.71 y	1.03	32:37	0.832	0.828	0.836	1740	87.2
13C-PCB-105	5.14e+07	1.65 y	1.16	43:00	0.929	0.924	0.934	2110	106
13C-PCB-114	5.41e+07	1.60 y	1.17	42:09	0.910	0.905	0.915	2210	110
13C-PCB-118	2.77e+07	1.69 y	0.99	41:30	1.059	1.054	1.064	1810	90.6
13C-PCB-123	2.81e+07	1.69 y	0.95	41:19	1.054	1.049	1.059	1920	95.9
13C-PCB-126	4.86e+07	1.63 y	1.16	45:15	0.977	0.972	0.982	2000	99.9
13C-PCB-127	5.60e+07	1.61 y	1.25	43:21	0.936	0.931	0.941	2130	106
13C-PCB-138	4.36e+07	1.30 y	1.15	44:45	0.967	0.961	0.971	1810	90.6
13C-PCB-141	4.12e+07	1.28 y	1.08	43:55	0.949	0.943	0.953	1820	91.1
13C-PCB-153	4.94e+07	1.27 y	1.28	43:11	0.933	0.928	0.938	1830	91.6
13C-PCB-155	1.48e+07	1.33 y	0.75	37:00	0.944	0.939	0.949	1290	64.4
13C-PCB-156	5.54e+07	1.27 y	1.37	48:00	1.037	1.032	1.042	1920	95.9
13C-PCB-157	5.49e+07	1.30 y	1.38	48:16	1.042	1.038	1.048	1900	95.0
13C-PCB-159	5.13e+07	1.30 y	1.38	46:02	0.994	0.989	0.999	1770	88.7
13C-PCB-167	5.33e+07	1.31 y	1.39	46:43	1.009	1.004	1.014	1830	91.3
13C-PCB-169	5.37e+07	1.28 y	1.38	50:29	1.090	1.085	1.095	1860	92.9
13C-PCB-170	1.83e+07	0.47 y	0.84	50:53	1.103	1.097	1.109	1850	92.4
13C-PCB-180	2.15e+07	0.48 y	0.96	49:17	1.068	1.063	1.073	1890	94.7
13C-PCB-188	2.99e+07	0.46 y	1.39	42:48	0.928	0.923	0.933	1820	91.0
13C-PCB-189	2.44e+07	0.46 y	1.12	52:32	1.139	1.132	1.144	1840	92.2
13C-PCB-194	3.91e+07	0.91 y	0.76	54:07	0.995	0.990	1.000	1850	92.3
13C-PCB-202	2.02e+07	0.90 y	1.21	48:13	1.045	1.040	1.050	1410	70.6
13C-PCB-206	3.66e+07	0.77 y	0.78	55:40	1.024	1.019	1.029	1680	84.1
13C-PCB-208	4.66e+07	0.78 y	1.08	53:22	0.981	0.976	0.986	1560	77.8
13C-PCB-209	3.28e+07	1.23 y	0.73	56:59	1.048	1.043	1.053	1610	80.7

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	6.37e+07	0.79 y	1.02	37:47	1.029	1.024	1.034	1850	92.4
13C-PCB-178	1.98e+07	0.47 y	0.90	45:35	0.985	0.980	0.990	1850	92.6

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	6.37e+07	0.79 y	1.01	37:47	0.969	0.963	0.973	2080	104
13C-PCB-178	1.98e+07	0.47 y	0.94	45:35	0.925	0.920	0.930	1960	97.8

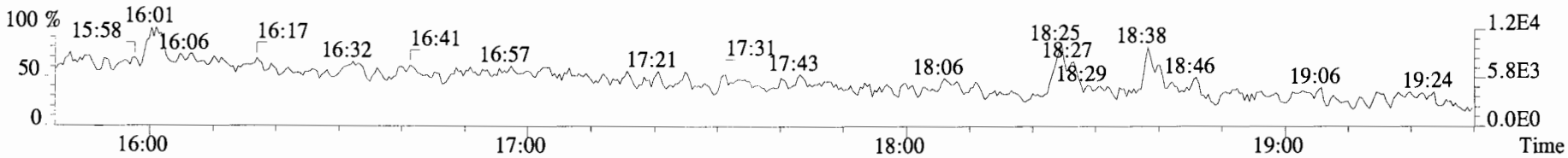
RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	8.60e+07	1.57	y	1.00	25:53	2000
13C-PCB-31	8.16e+07	1.07	y	1.00	28:56	2000
13C-PCB-60	6.77e+07	0.82	y	1.00	36:43	2000
13C-PCB-111	3.07e+07	1.73	y	1.00	39:12	2000
13C-PCB-128	4.20e+07	1.29	y	1.00	46:18	2000
13C-PCB-182	2.37e+07	0.48	y	1.00	46:08	2000
13C-PCB-205	5.57e+07	0.92	y	1.00	54:23	2000

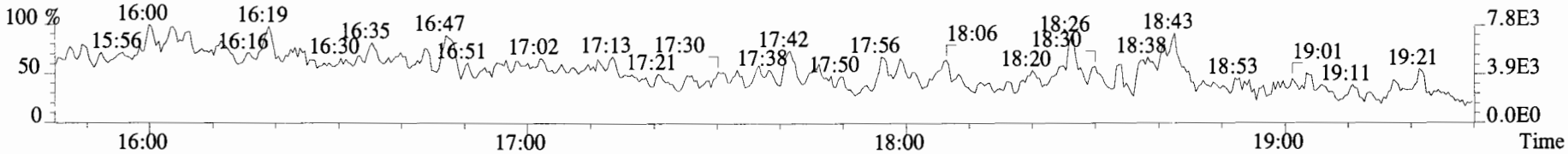
Analyst: MJ

Date: 11/29/17

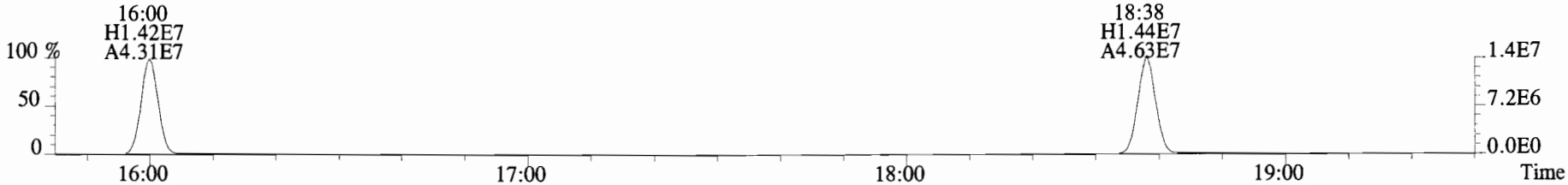
File:171108E2 #1-866 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6384.0,0.00%,F,F)



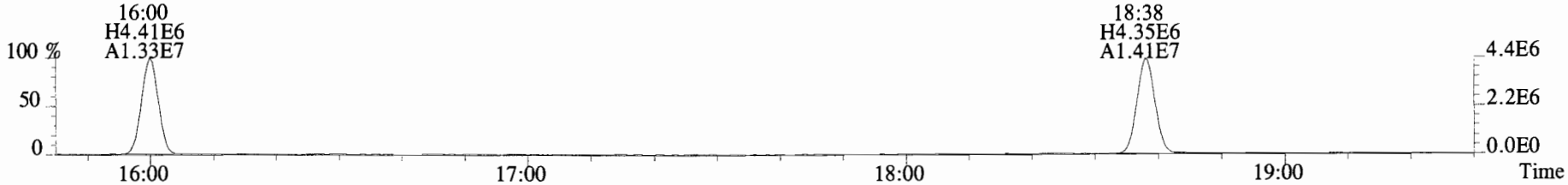
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4944.0,0.00%,F,F)



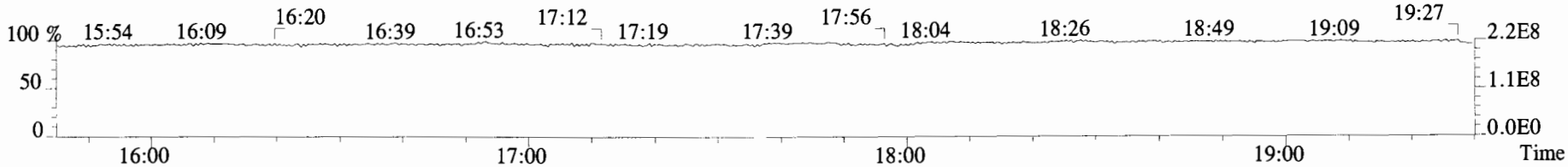
200.0795 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6032.0,0.00%,F,F)



202.0766 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18216.0,0.00%,F,F)

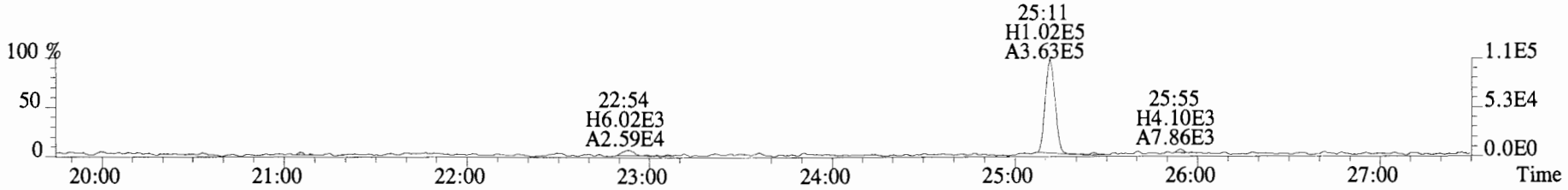


180.9880 S:7

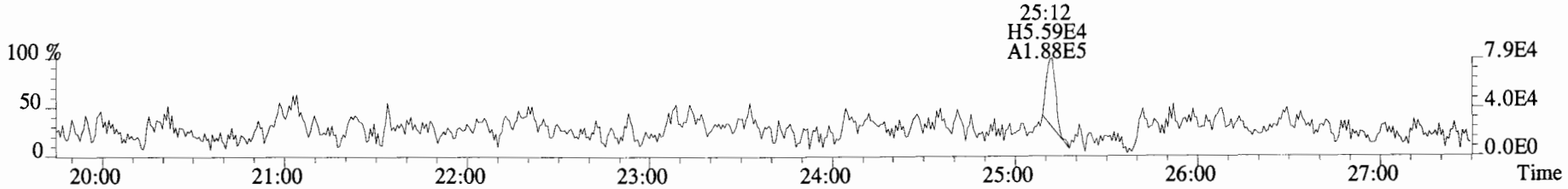


File:171108E2 #1-757 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1

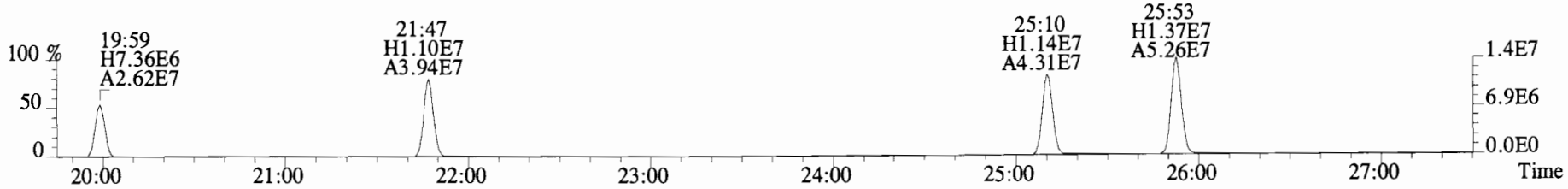
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



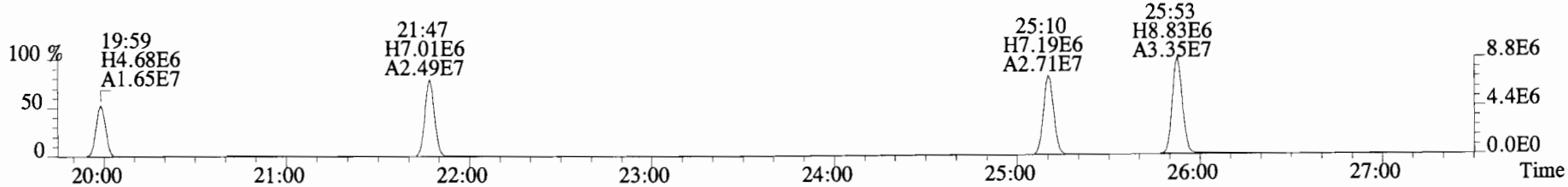
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28648.0,0.00%,F,F)



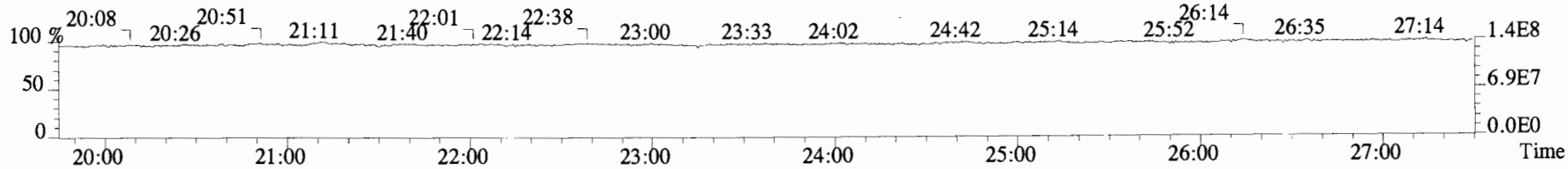
234.0406 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4612.0,0.00%,F,F)



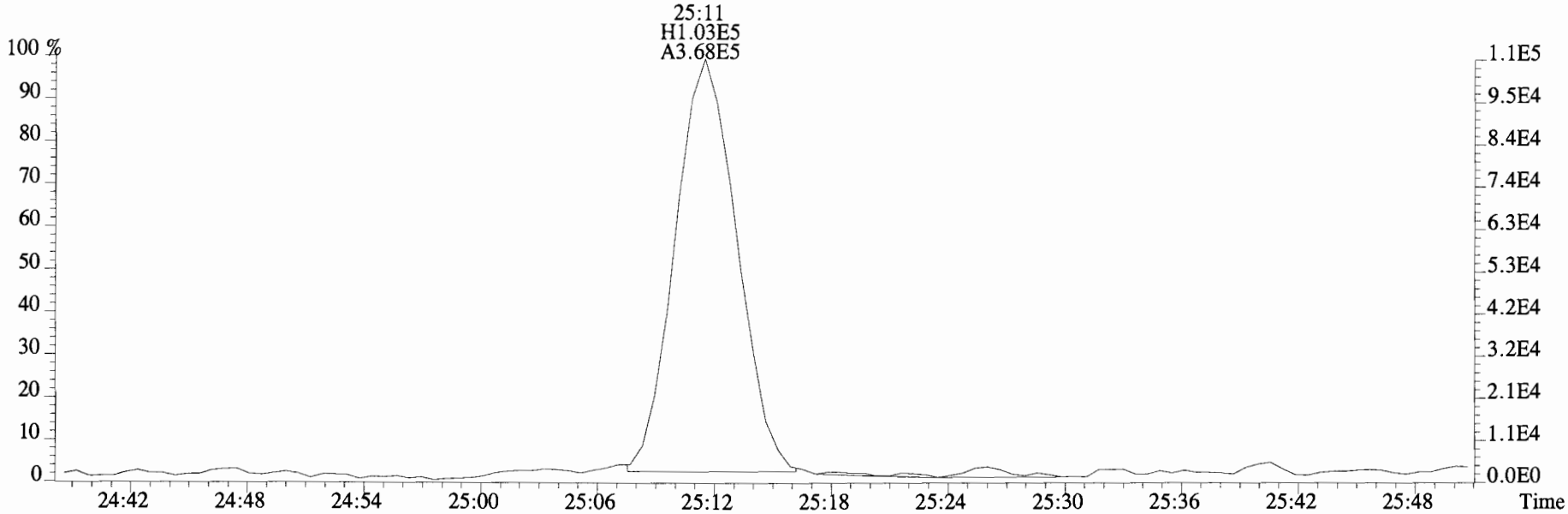
236.0376 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4464.0,0.00%,F,F)



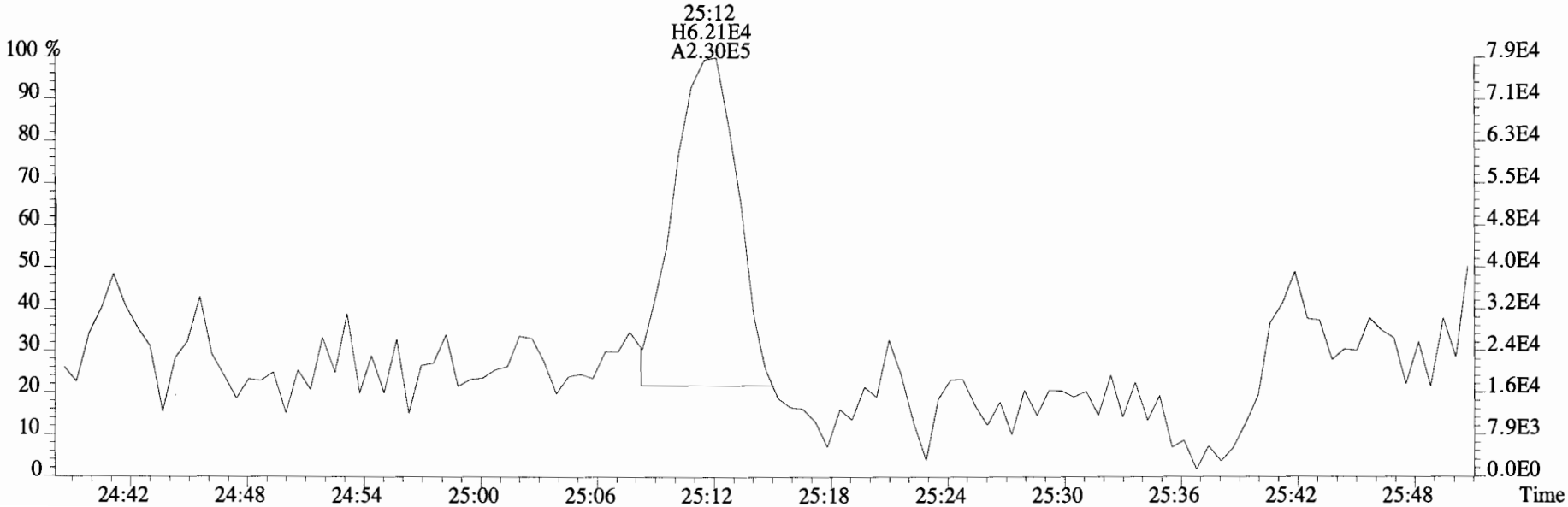
230.9856 S:7 F:2



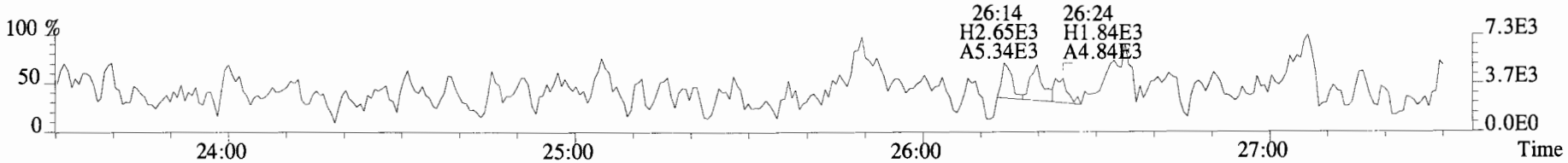
File:171108E2 #1-757 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0)



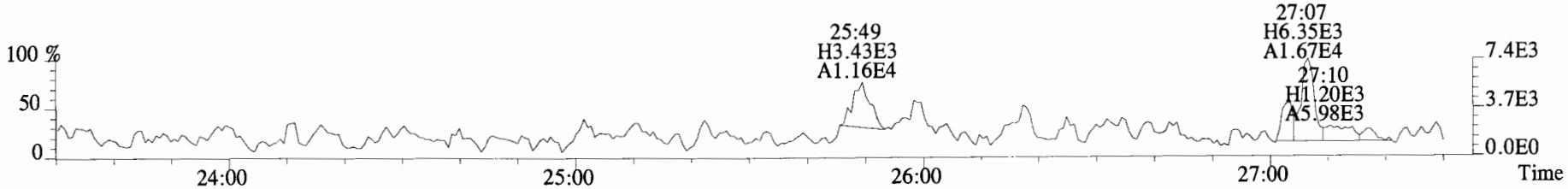
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28648.0,0.00%,F,F)



File:171108E2 #1-757 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3964.0,0.00%,F,F)

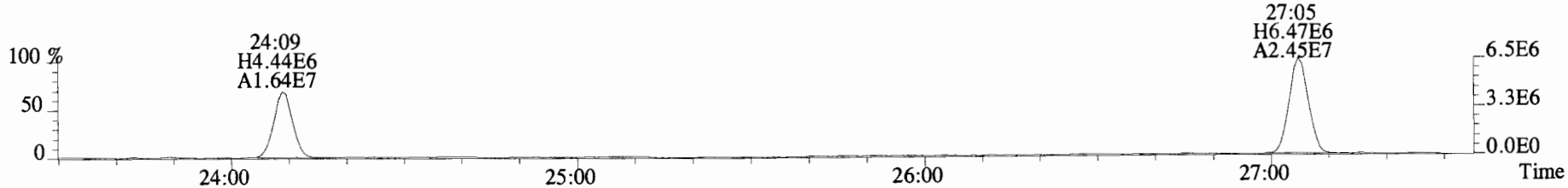


257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2148.0,0.00%,F,F)

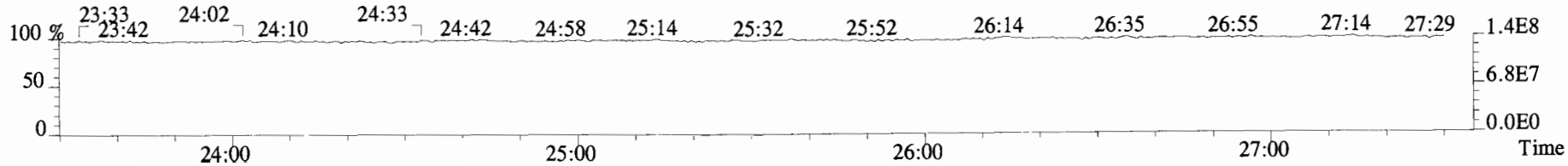


268.0016 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,100948.0,0.00%,F,F)

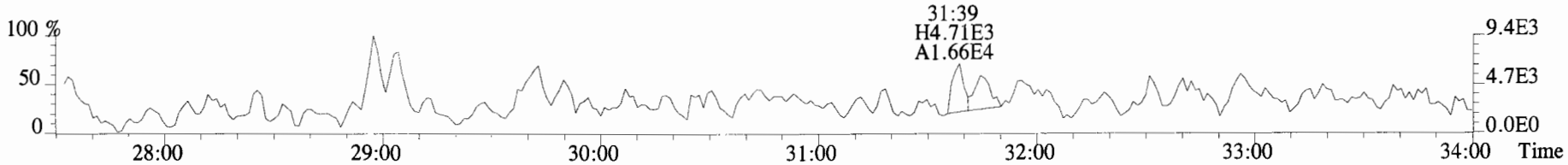
269.9986 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72348.0,0.00%,F,F)



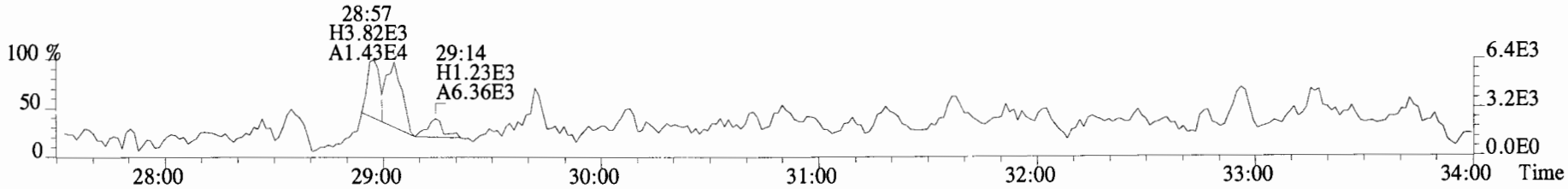
230.9856 S:7 F:2



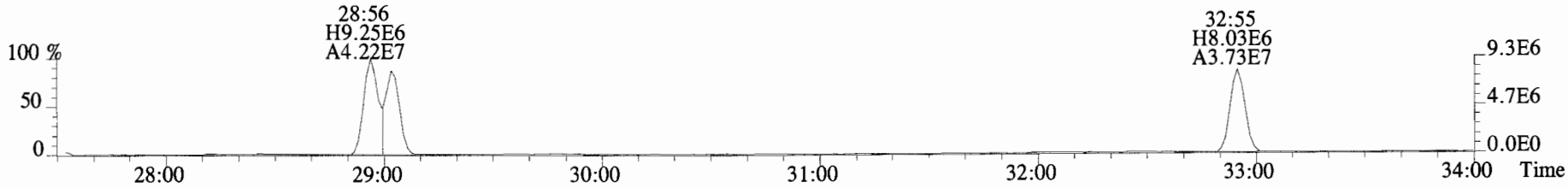
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3812.0,0.00%,F,F)



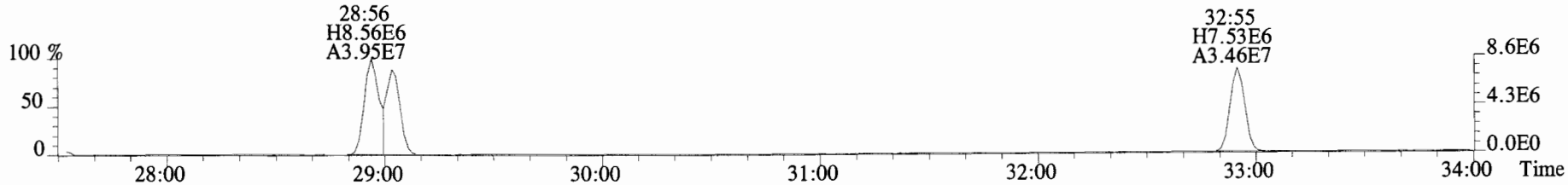
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



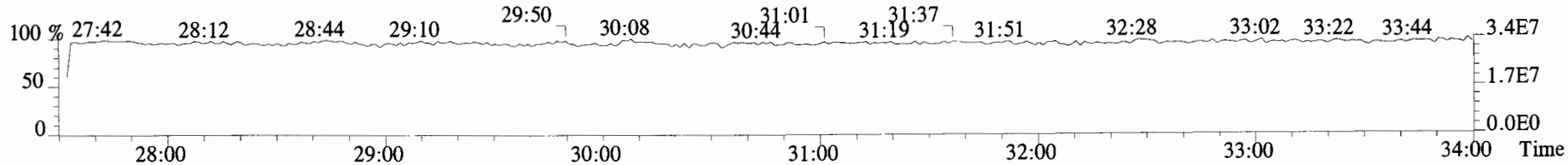
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89708.0,0.00%,F,F)



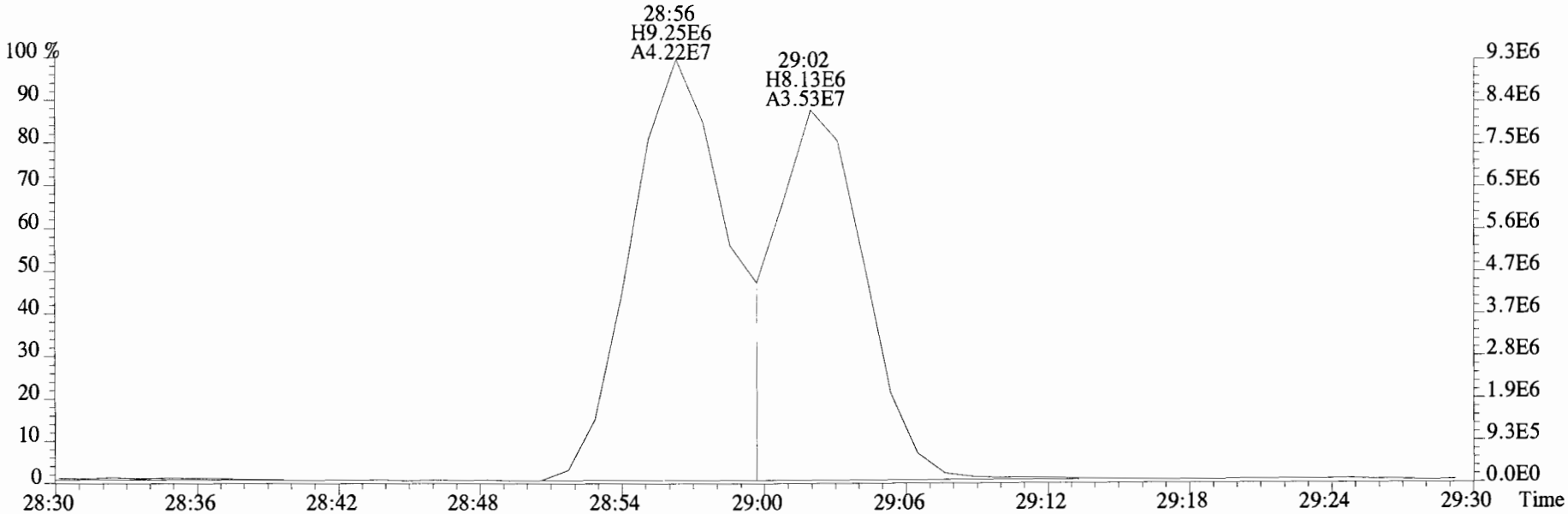
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46332.0,0.00%,F,F)



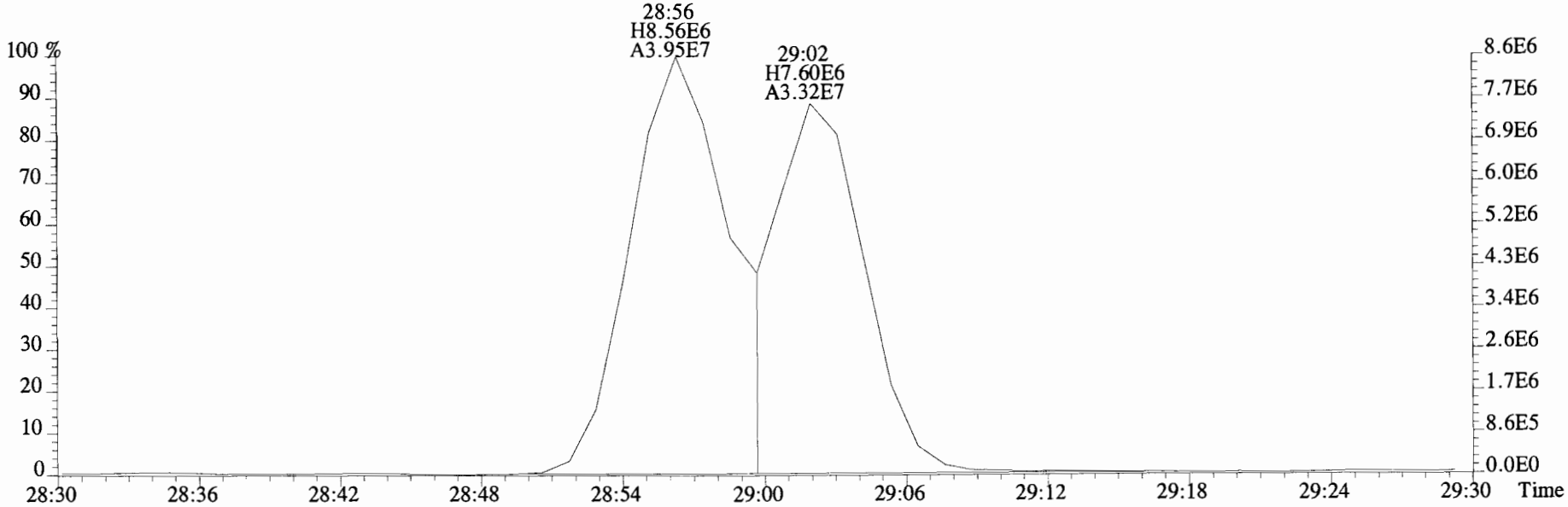
330.9792 S:7 F:3



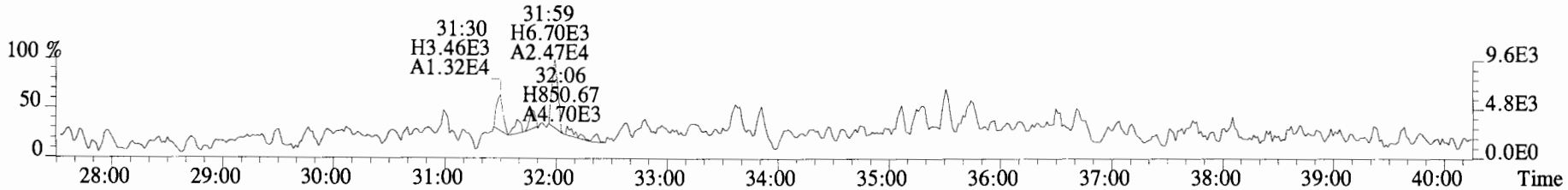
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89708.0,0.00%,F,F)



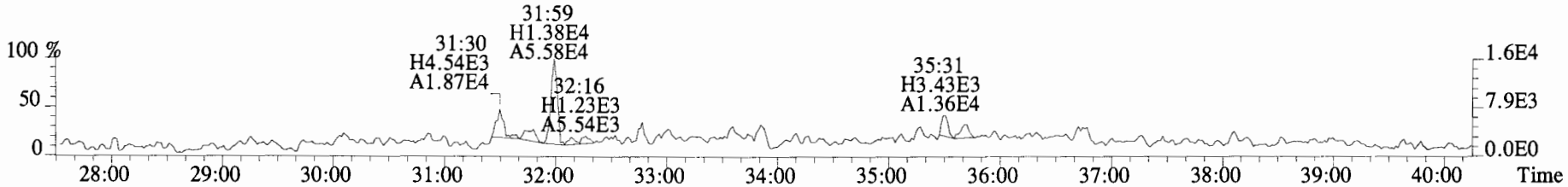
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46332.0,0.00%,F,F)



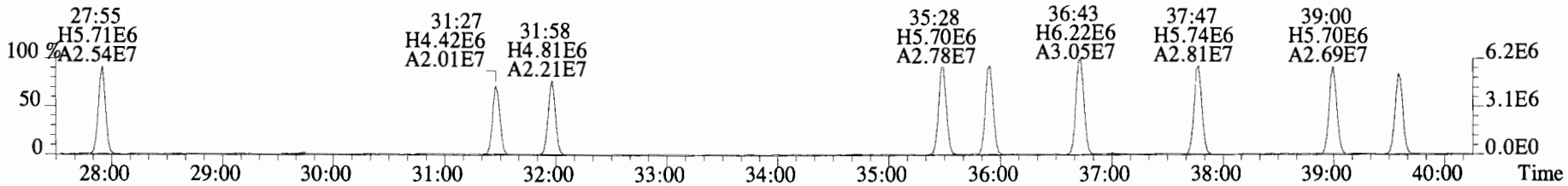
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2940.0,0.00%,F,F)



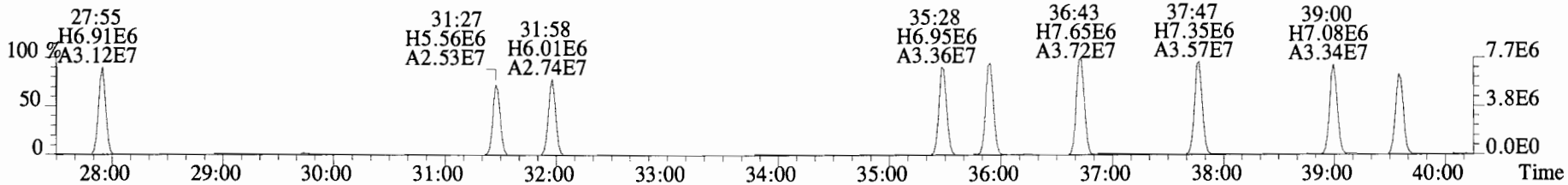
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



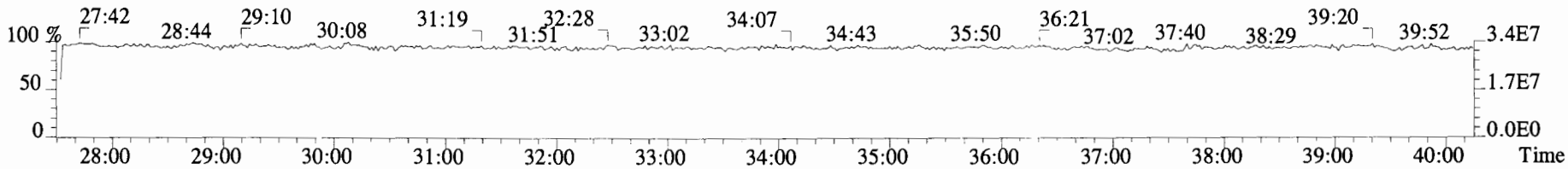
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33752.0,0.00%,F,F)



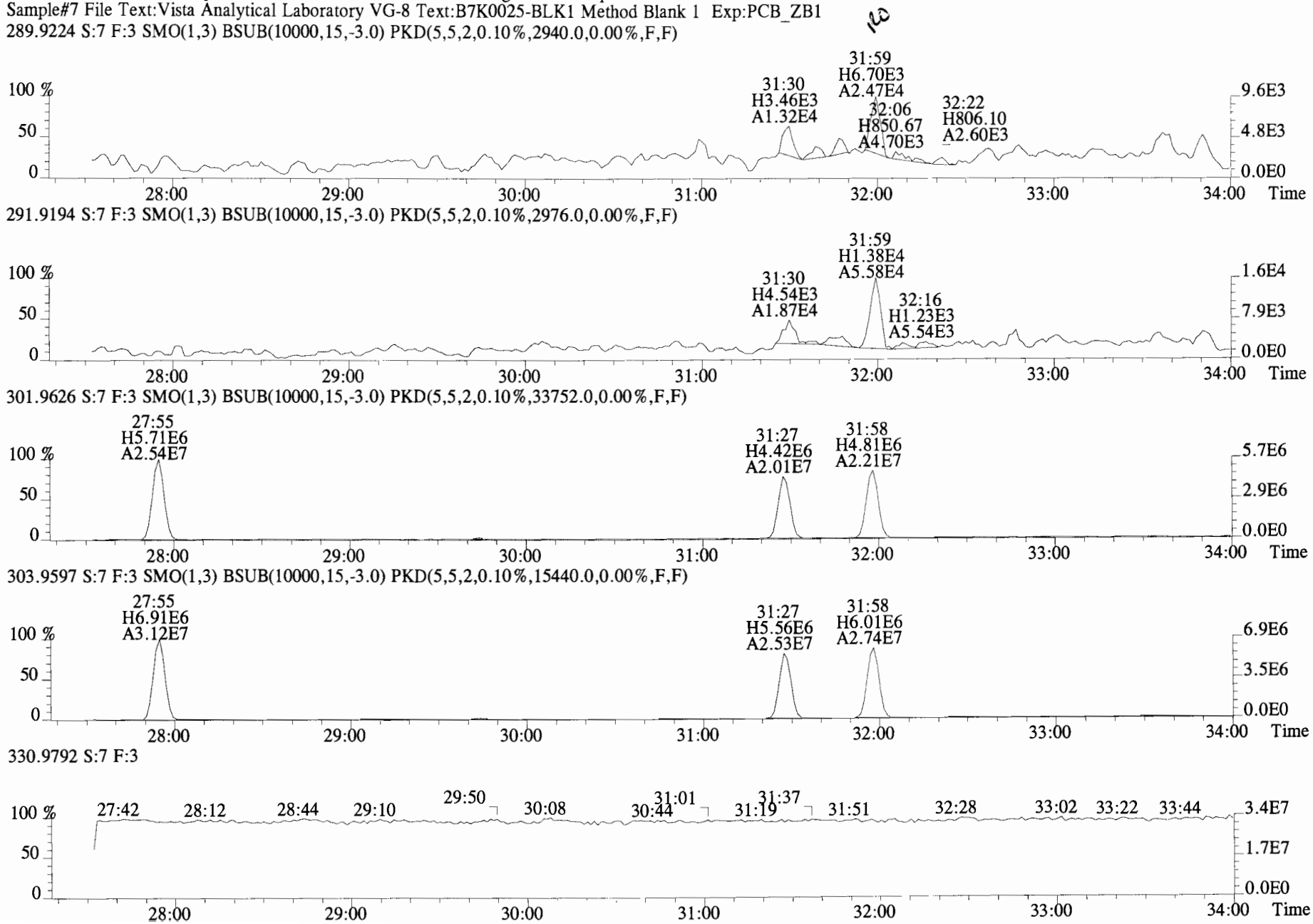
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15440.0,0.00%,F,F)



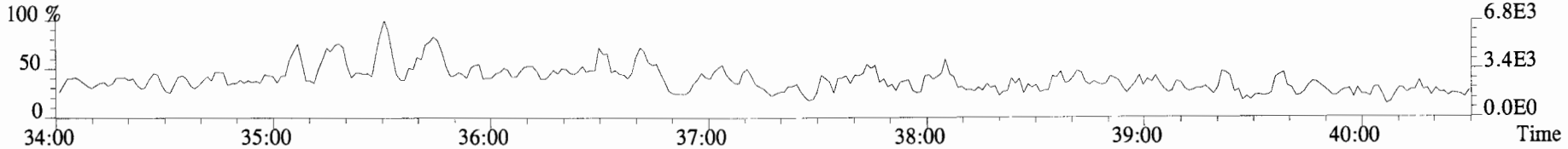
330.9792 S:7 F:3



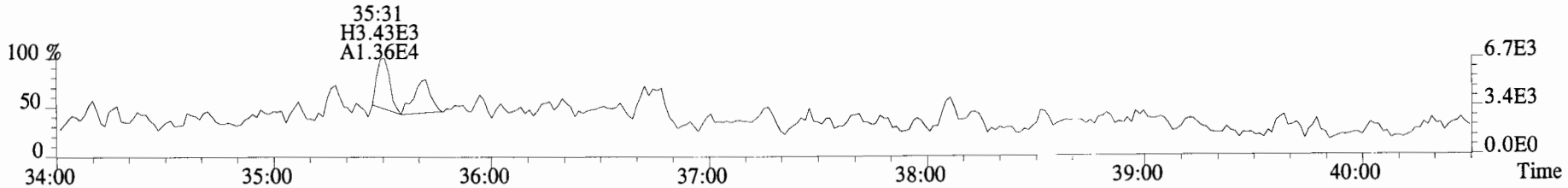
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1



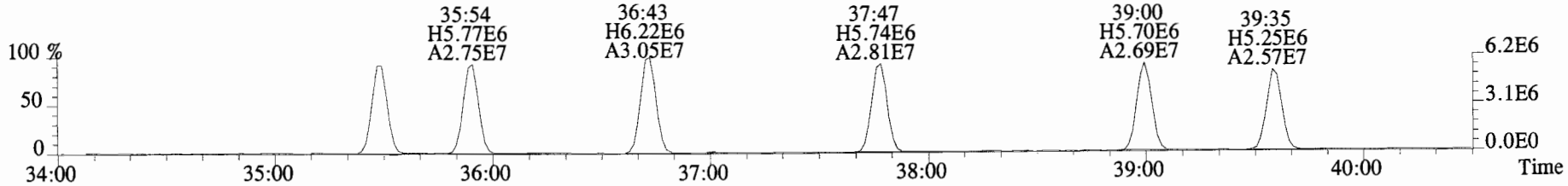
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2940.0,0.00%,F,F)



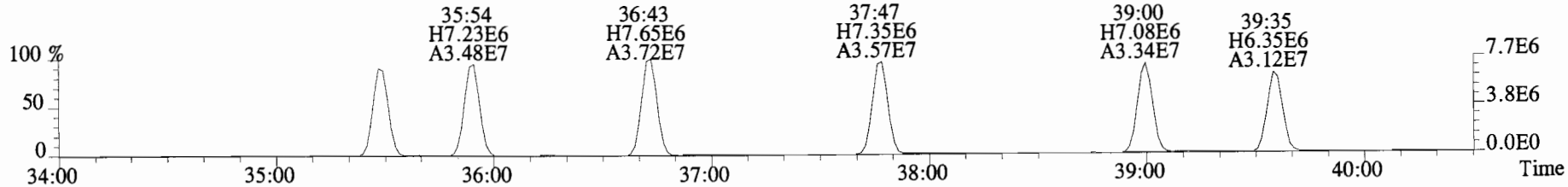
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



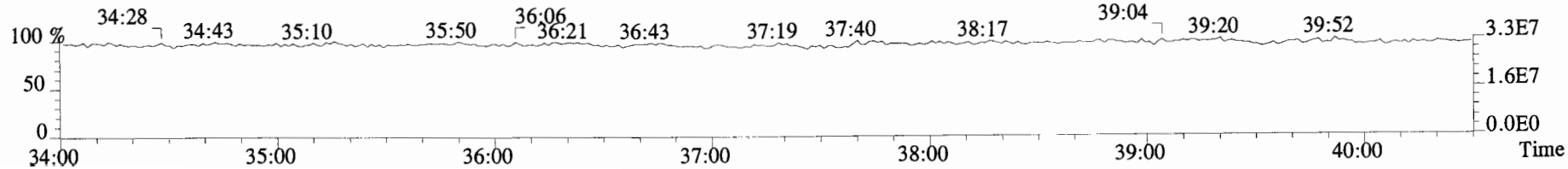
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33752.0,0.00%,F,F)



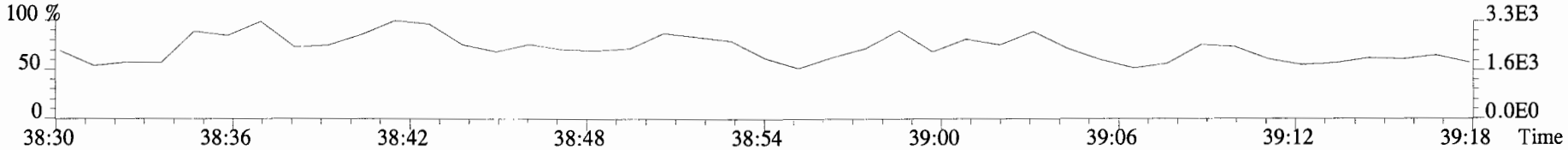
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15440.0,0.00%,F,F)



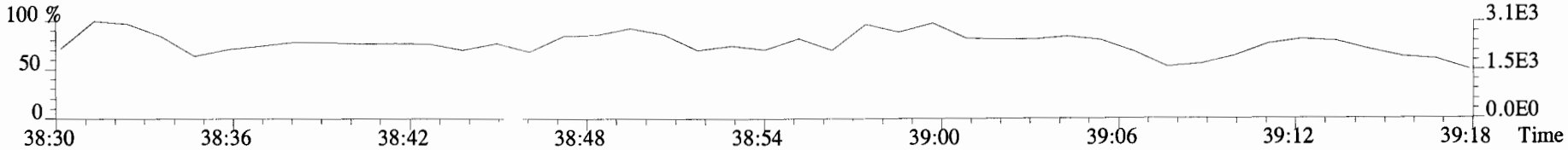
330.9792 S:7 F:3



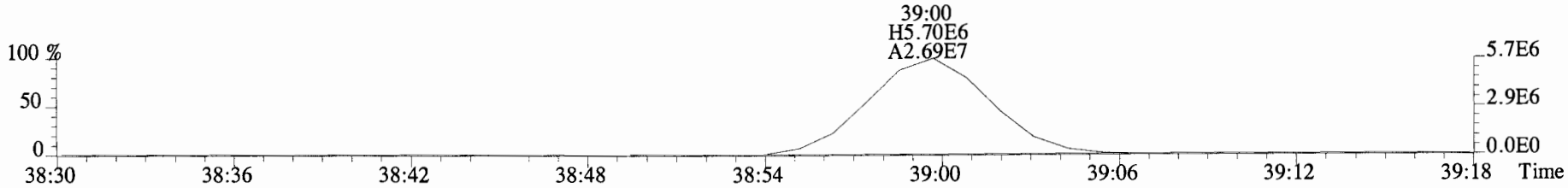
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2940.0,0.00%,F,F)



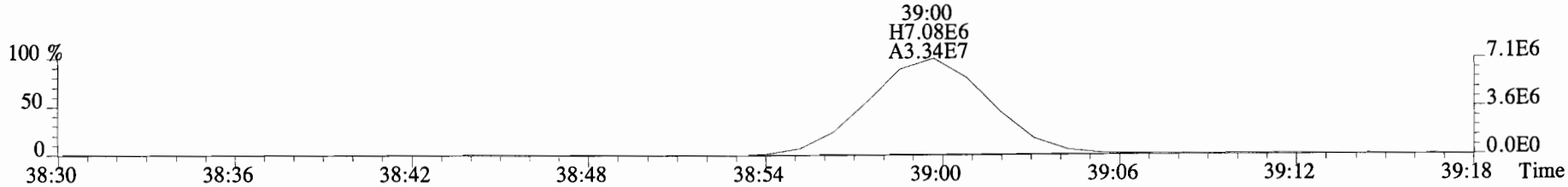
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



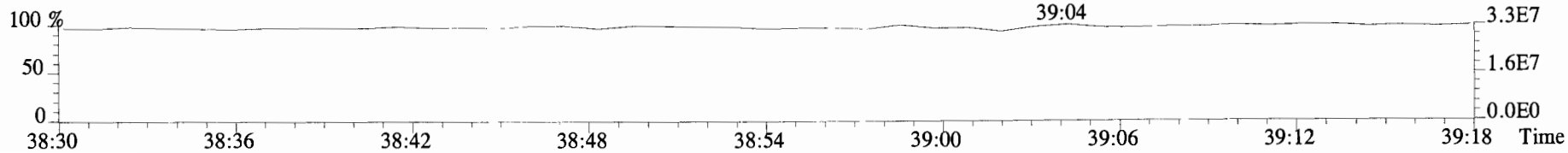
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33752.0,0.00%,F,F)



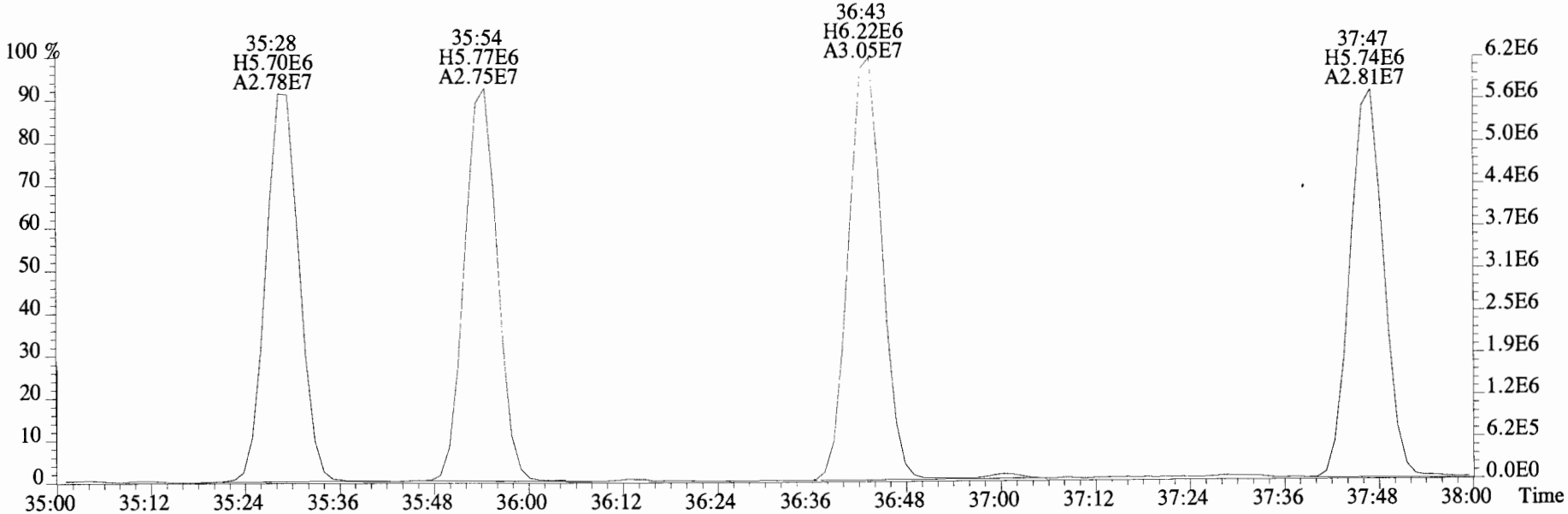
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15440.0,0.00%,F,F)



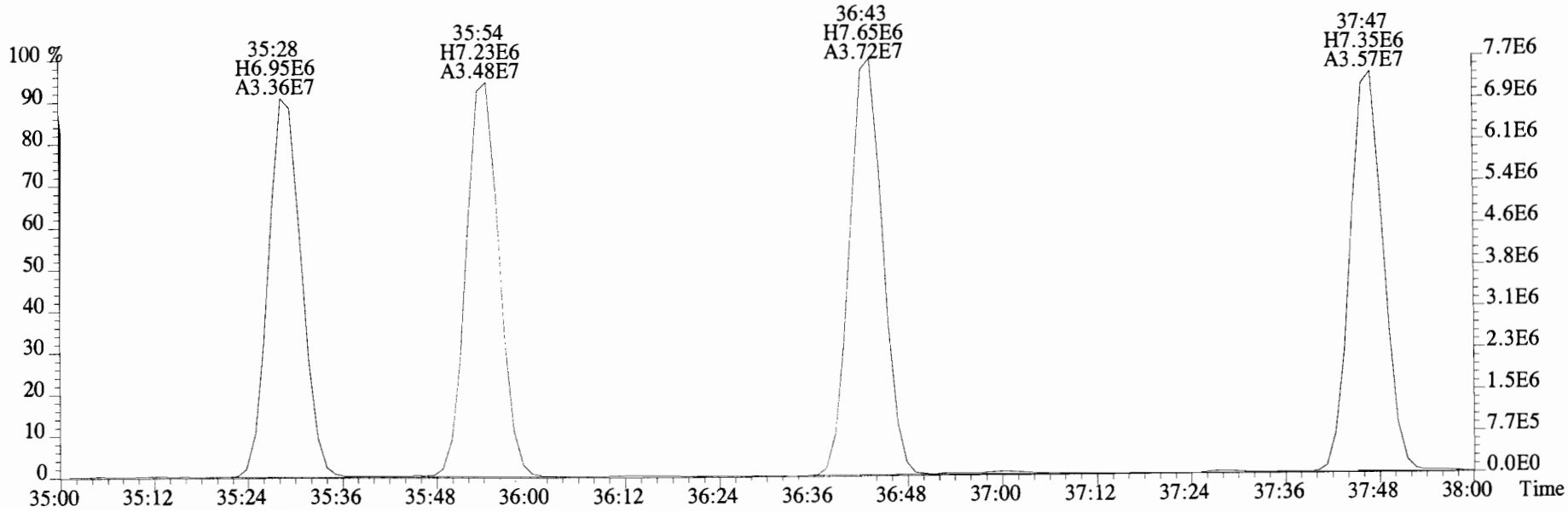
330.9792 S:7 F:3



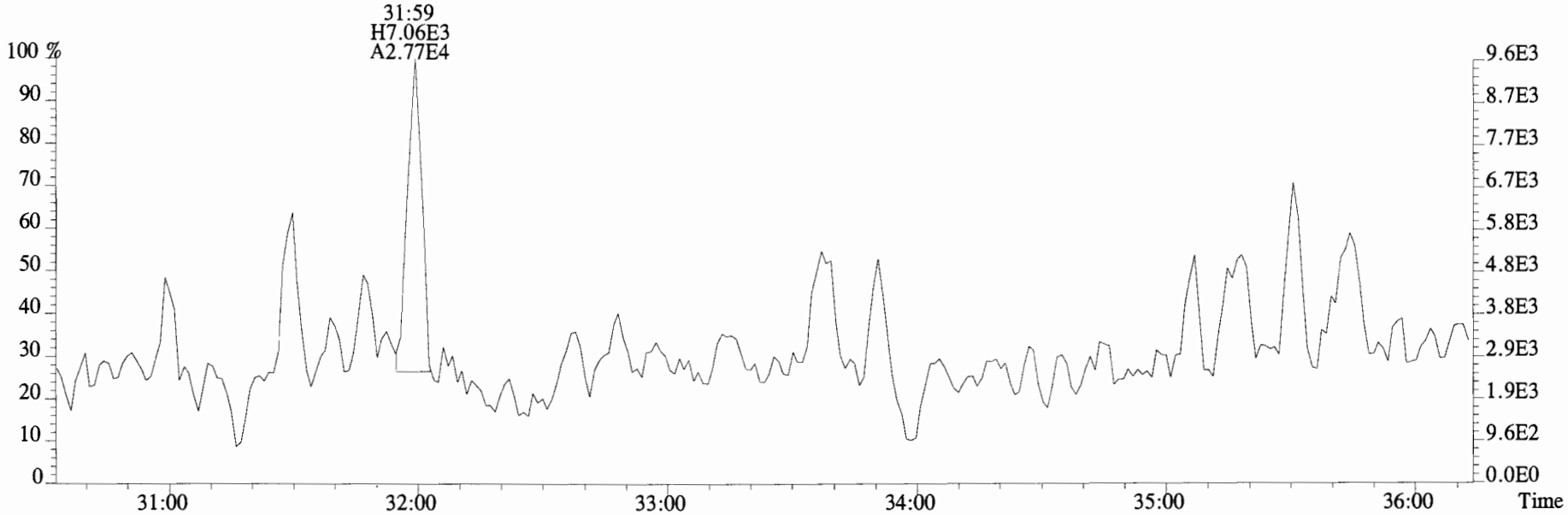
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33752.0,0.00%,F,F)



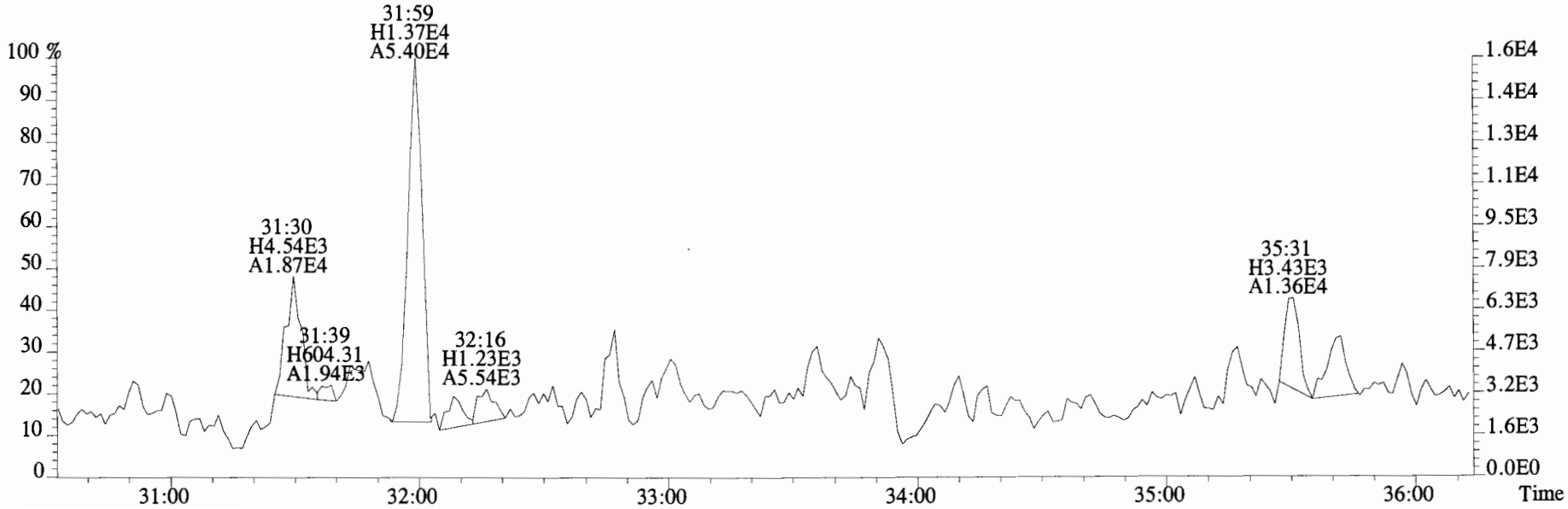
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15440.0,0.00%,F,F)



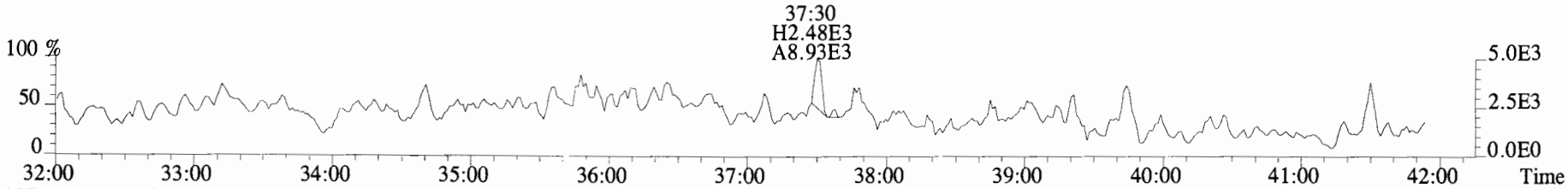
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2940.0,0.00%,F,F)



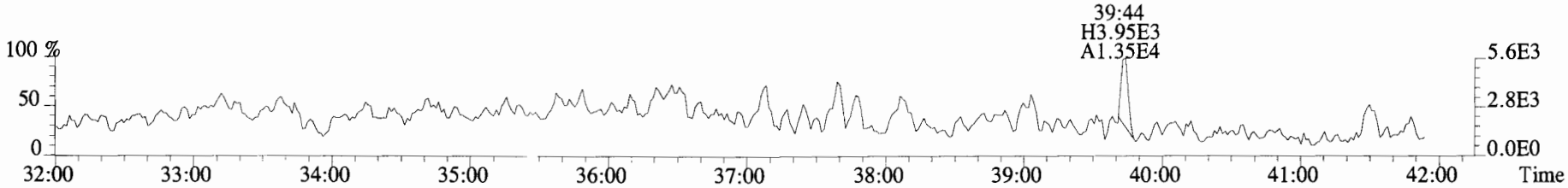
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



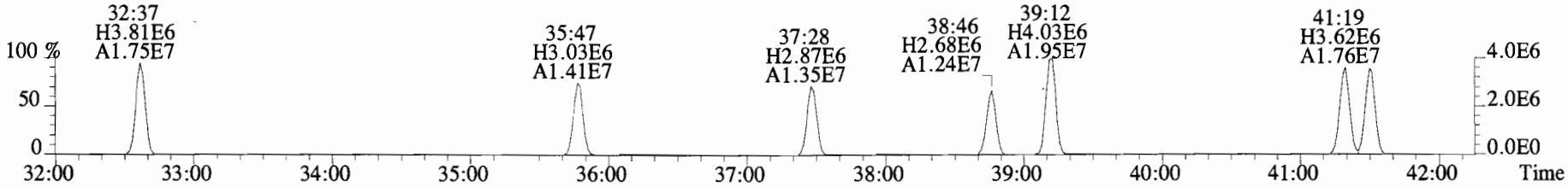
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2604.0,0.00%,F,F)



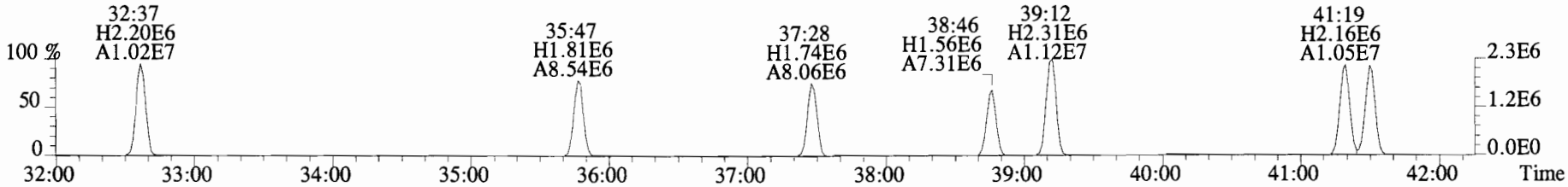
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



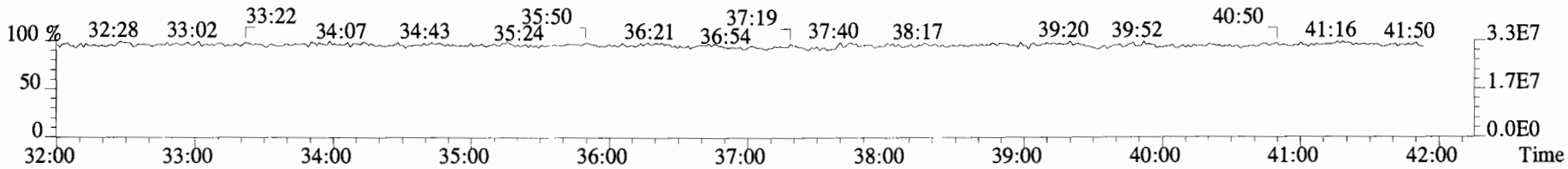
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



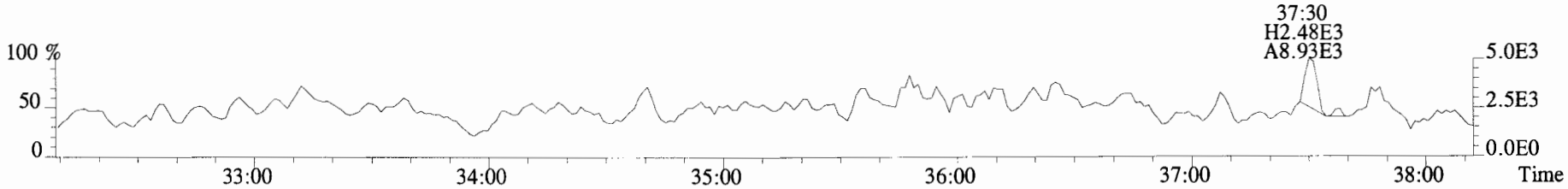
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2752.0,0.00%,F,F)



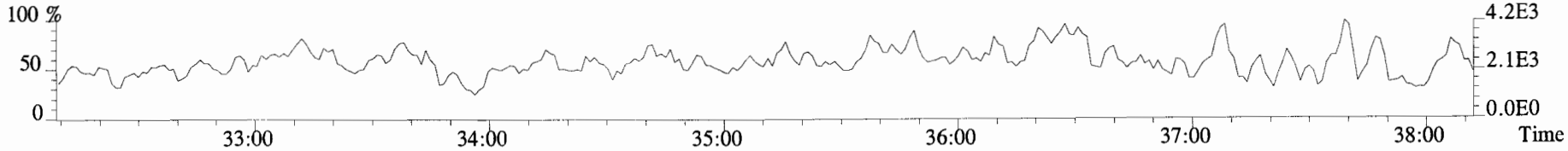
330.9792 S:7 F:3



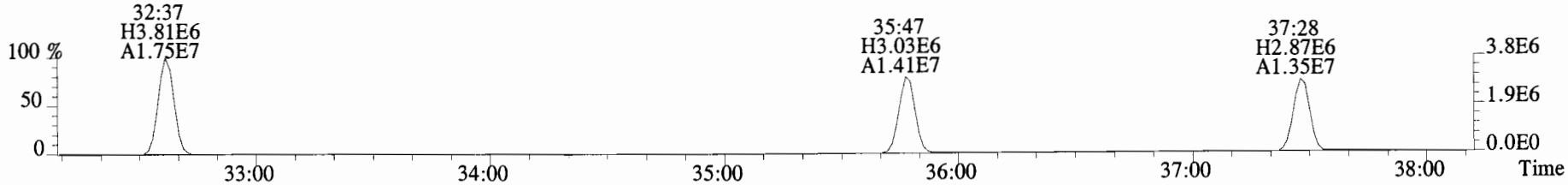
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2604.0,0.00%,F,F)



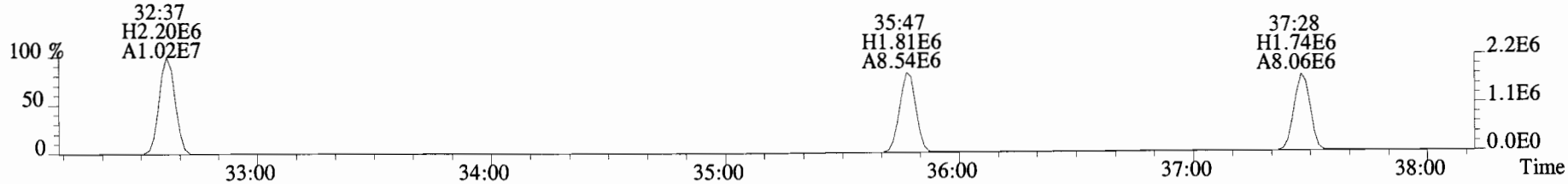
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



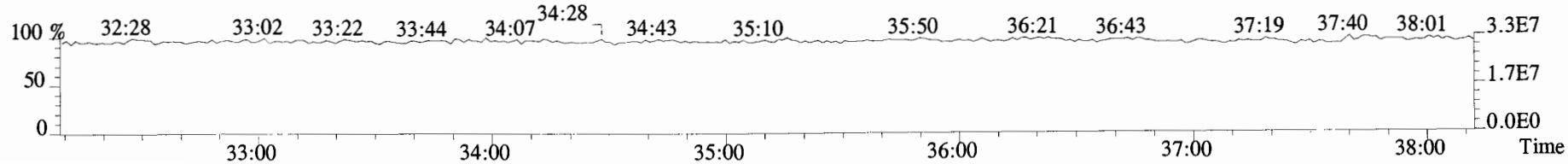
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



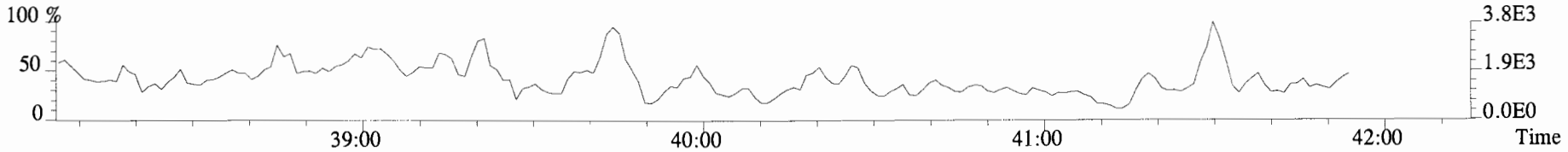
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2752.0,0.00%,F,F)



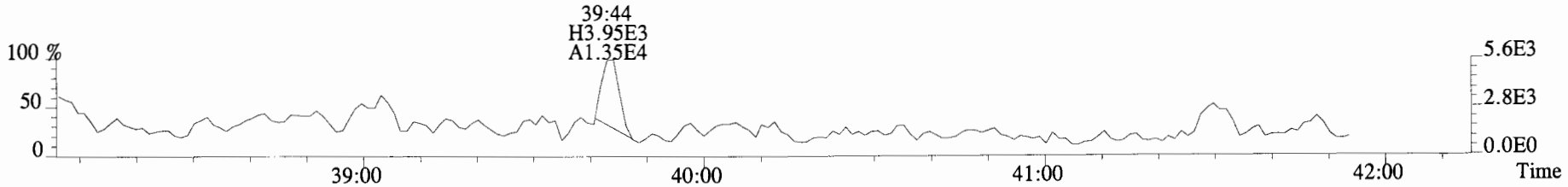
330.9792 S:7 F:3



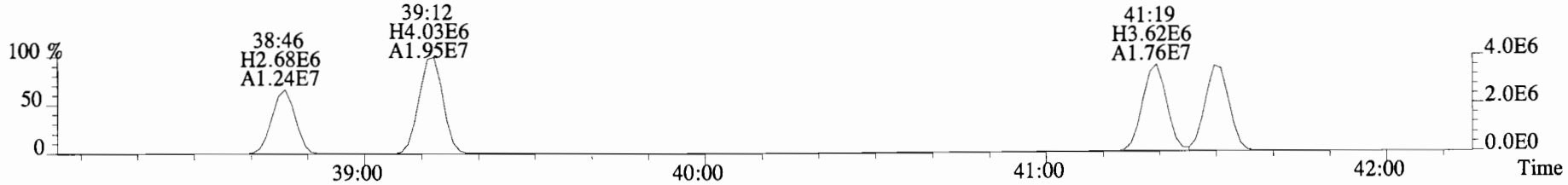
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2604.0,0.00%,F,F)



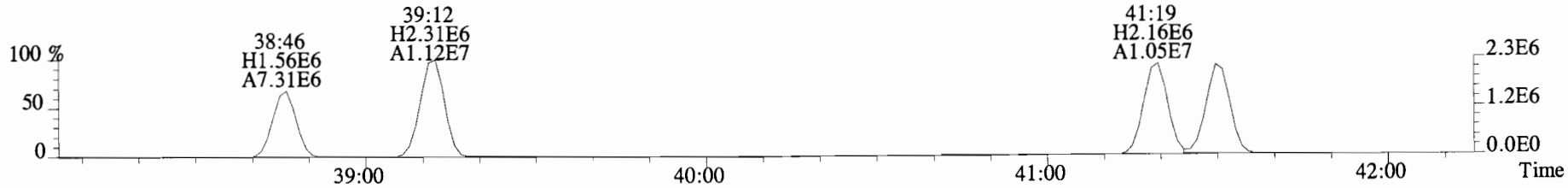
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



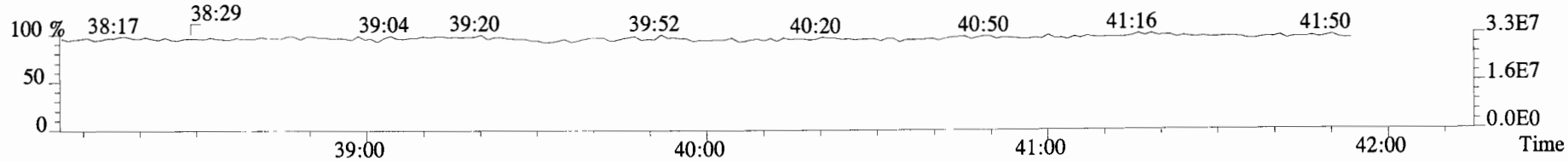
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



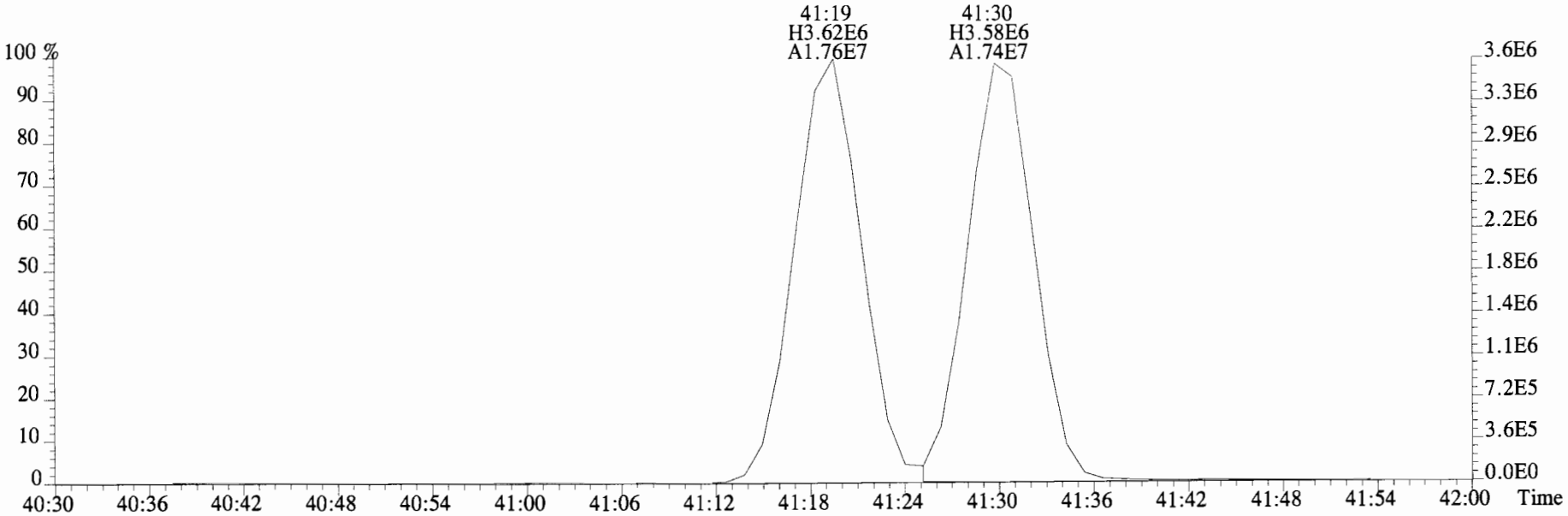
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2752.0,0.00%,F,F)



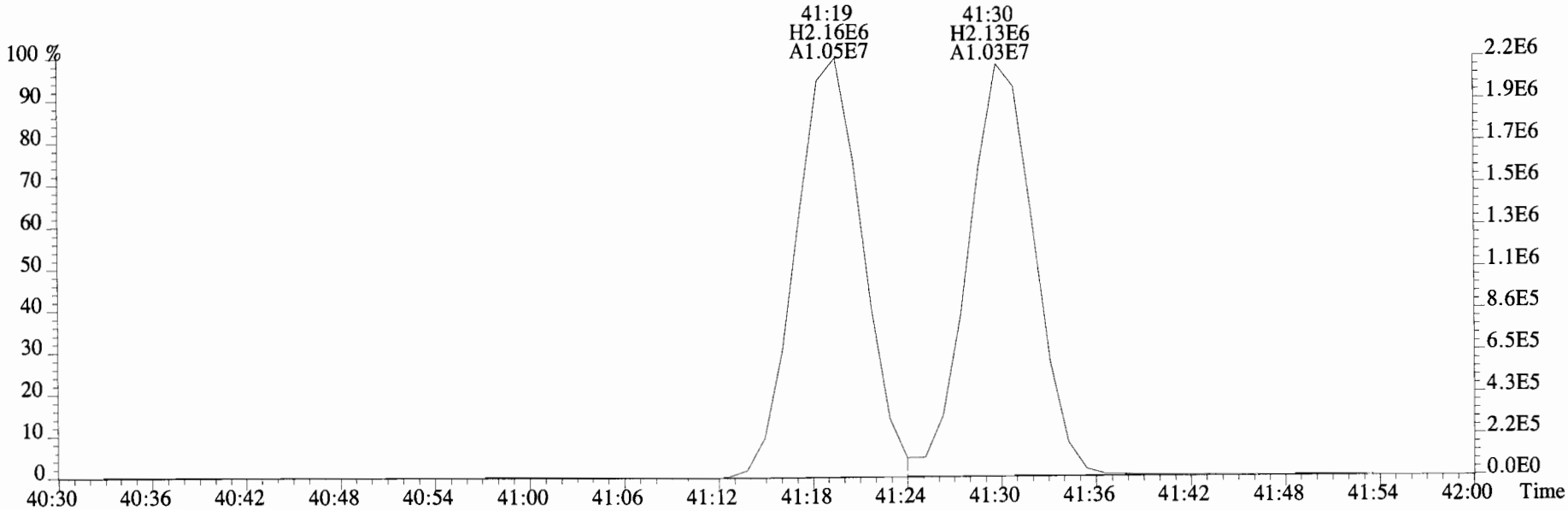
330.9792 S:7 F:3



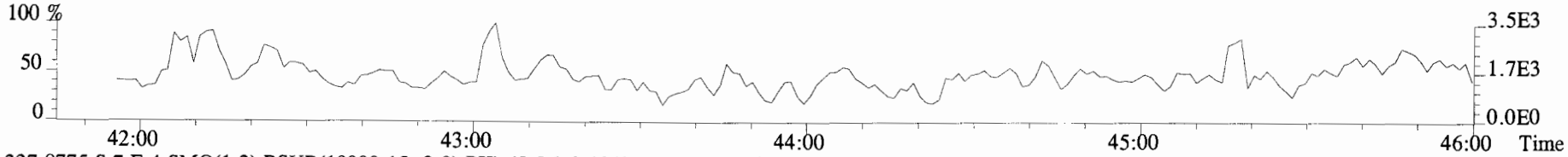
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



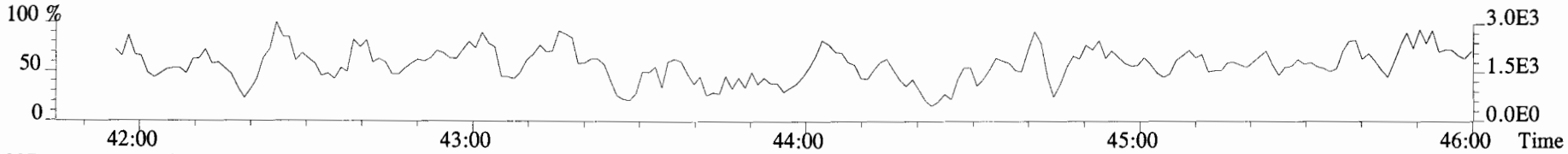
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2752.0,0.00%,F,F)



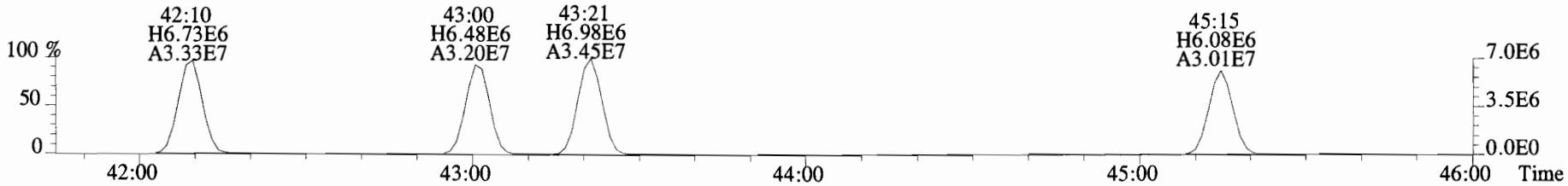
File:171108E2 #1-572 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2456.0,0.00%,F,F)



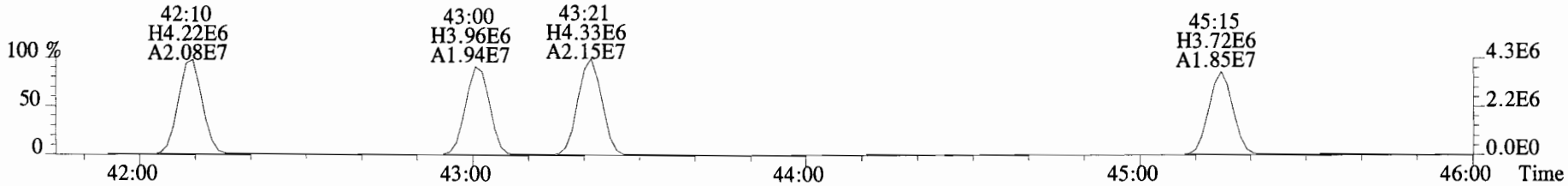
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2508.0,0.00%,F,F)



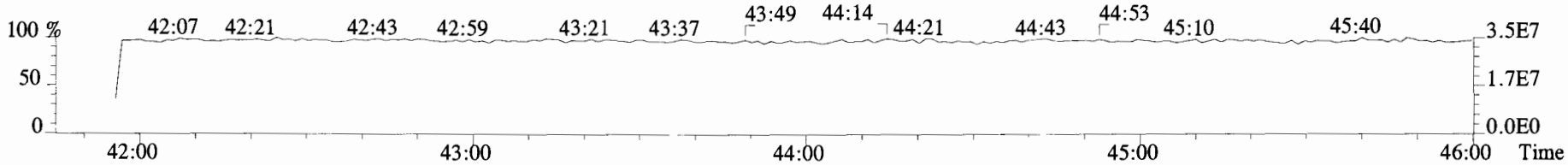
337.9207 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5216.0,0.00%,F,F)



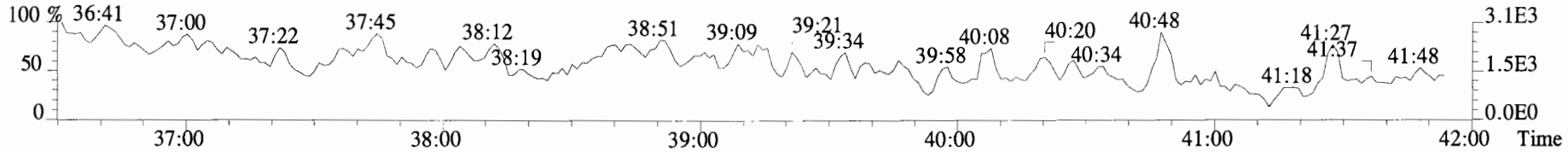
339.9177 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



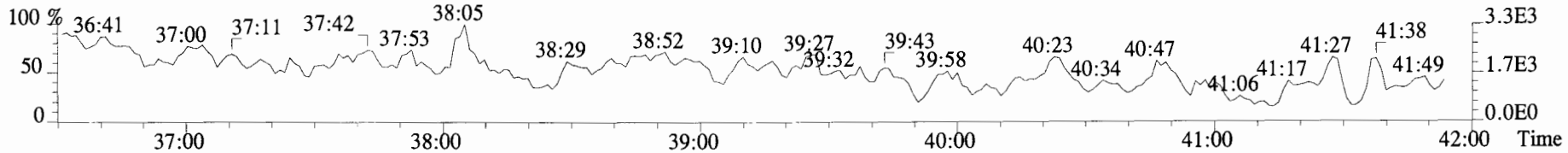
380.9760 S:7 F:4



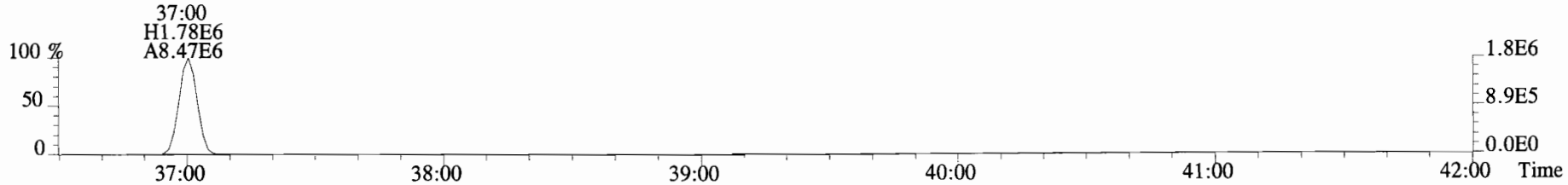
File:171108E2 #1-759 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2656.0,0.00%,F,F)



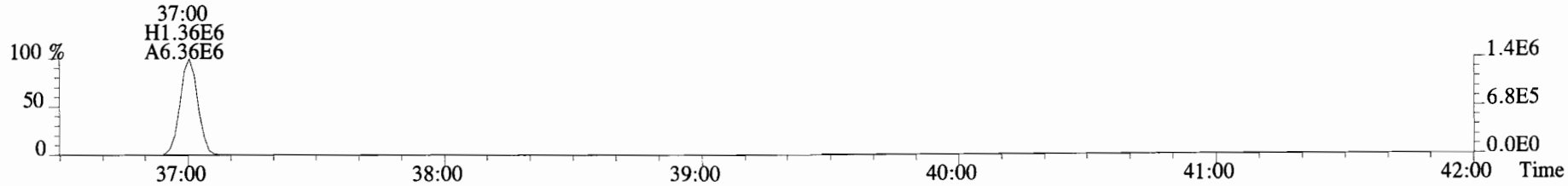
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2592.0,0.00%,F,F)



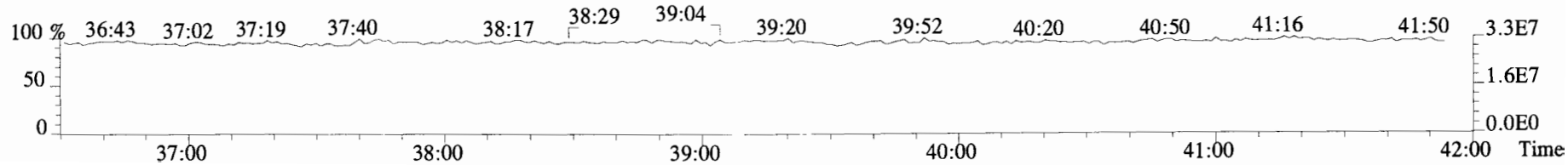
371.8817 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2856.0,0.00%,F,F)



373.8788 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)

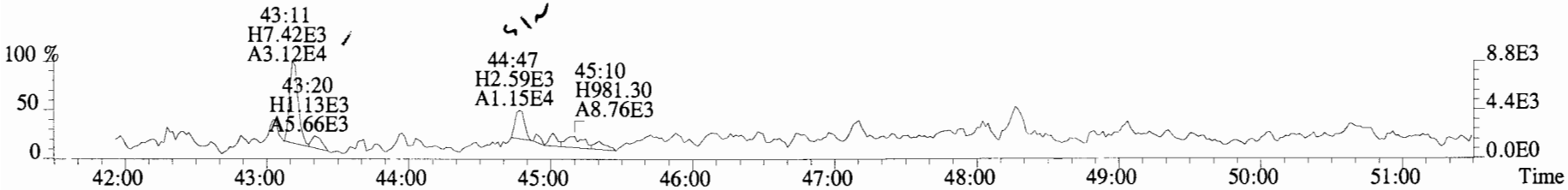


330.9792 S:7 F:3

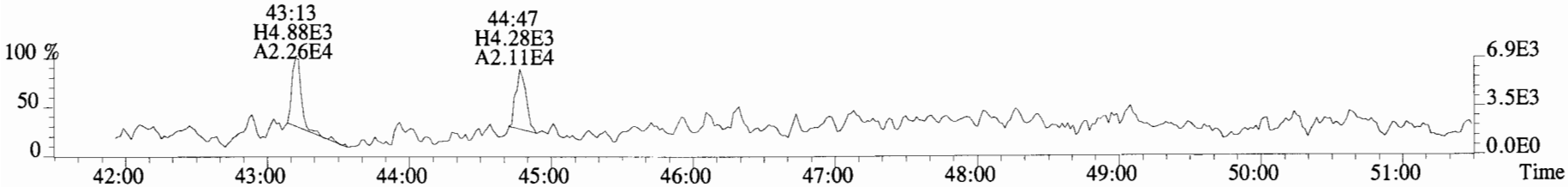


File:171108E2 #1-572 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1

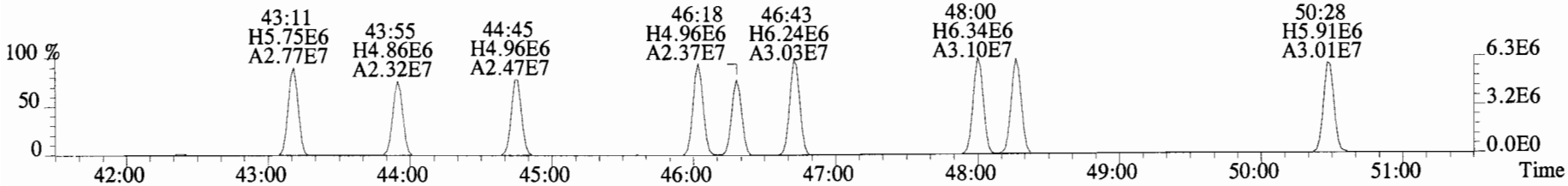
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



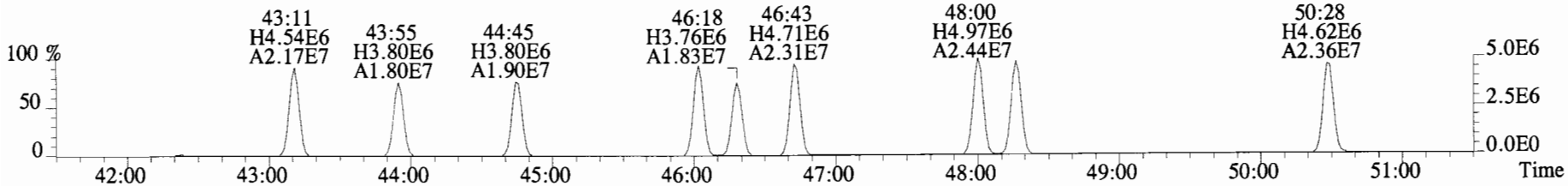
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2492.0,0.00%,F,F)



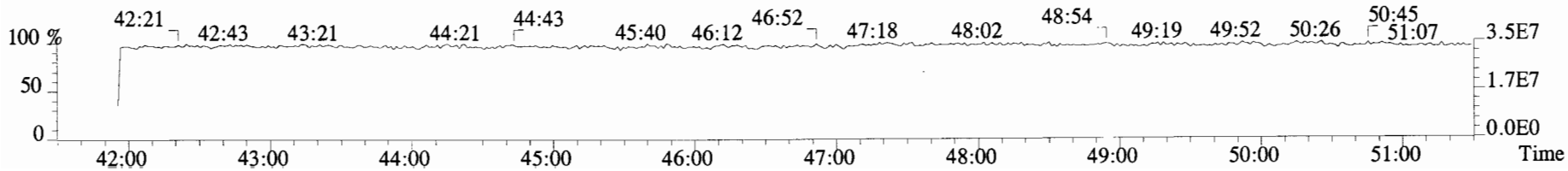
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6776.0,0.00%,F,F)



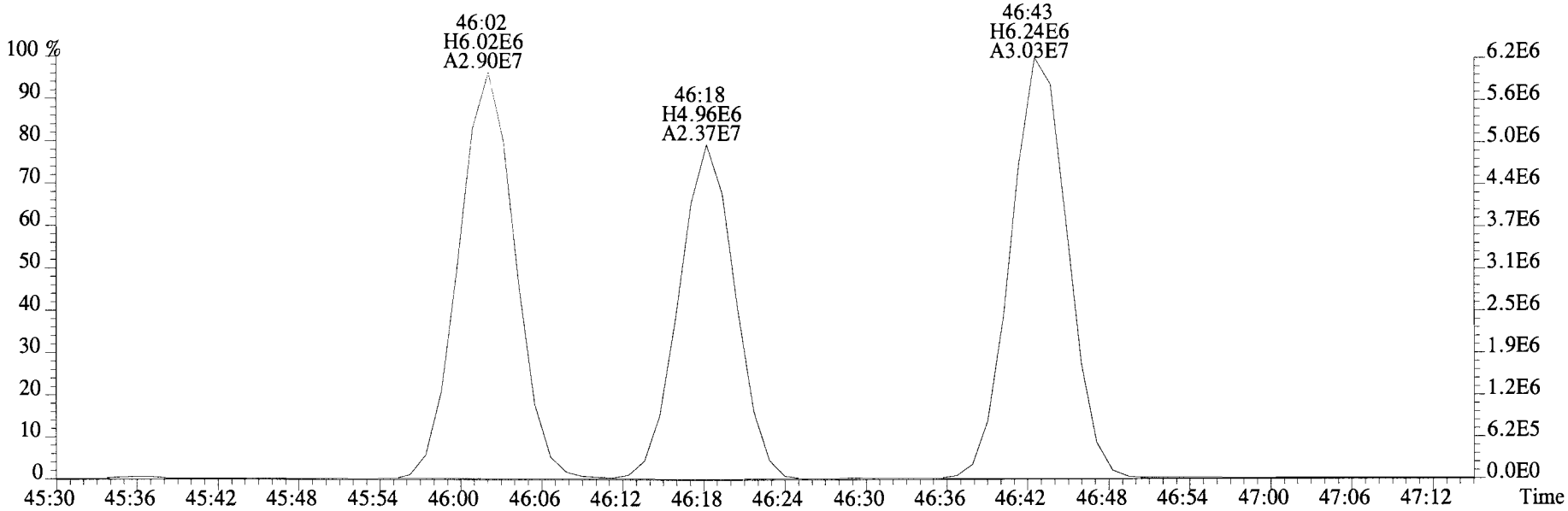
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6244.0,0.00%,F,F)



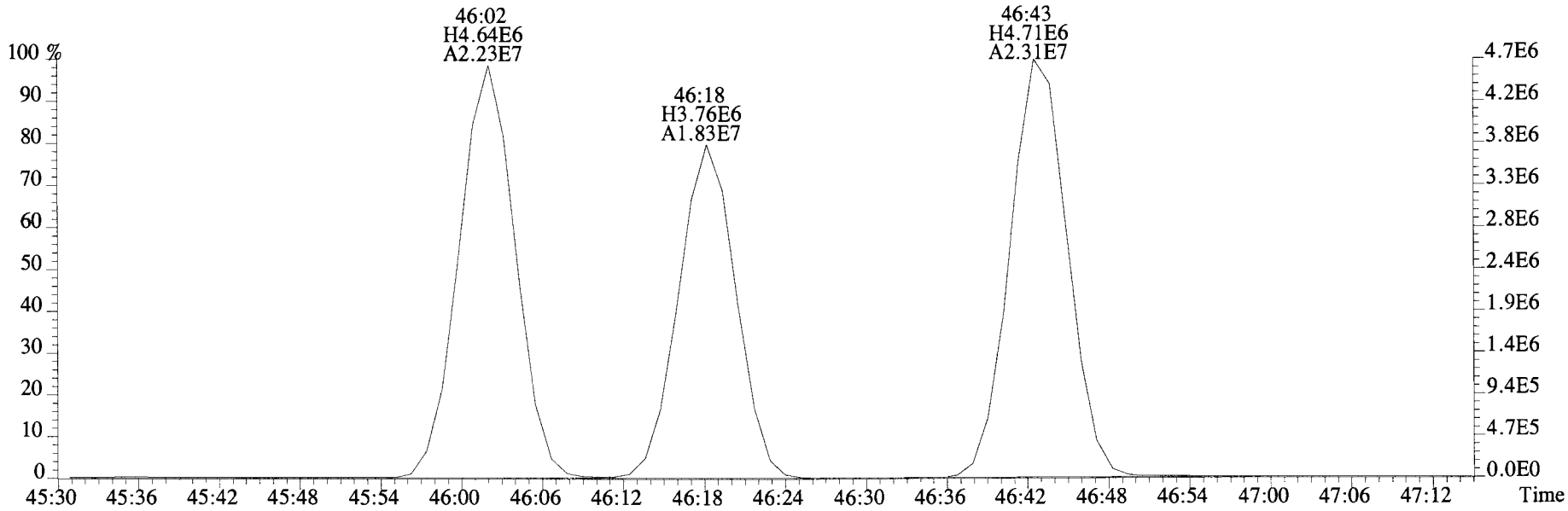
380.9760 S:7 F:4



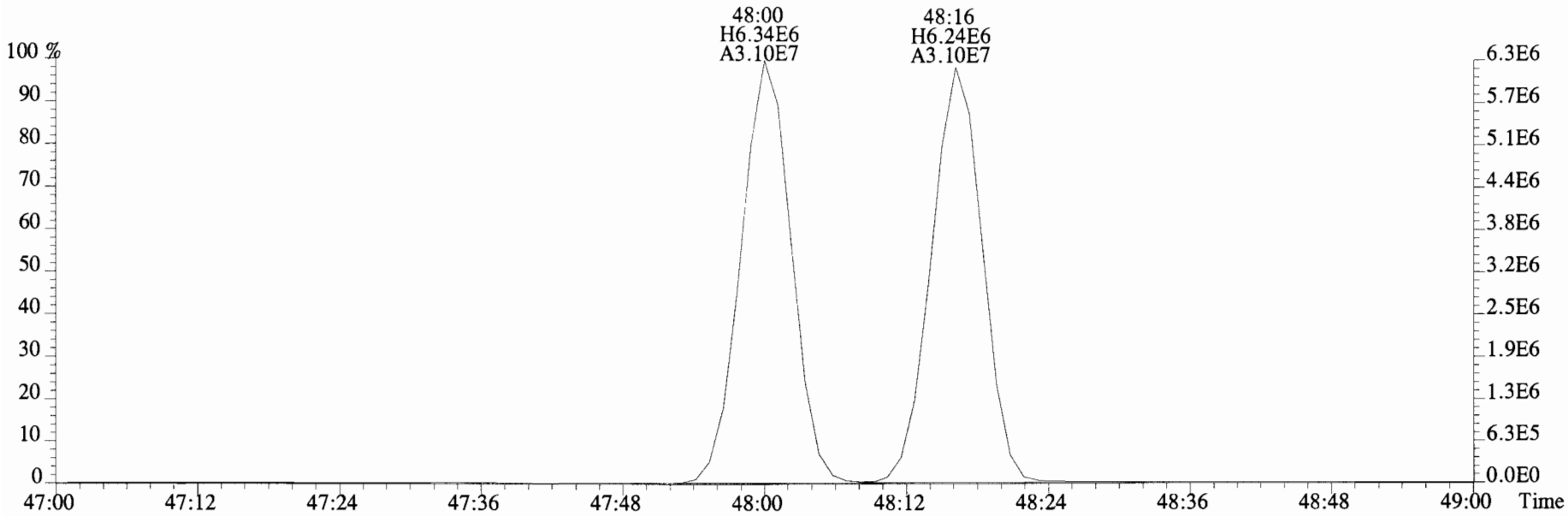
File:171108E2 #1-572 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6776.0,0.00%,F,F)



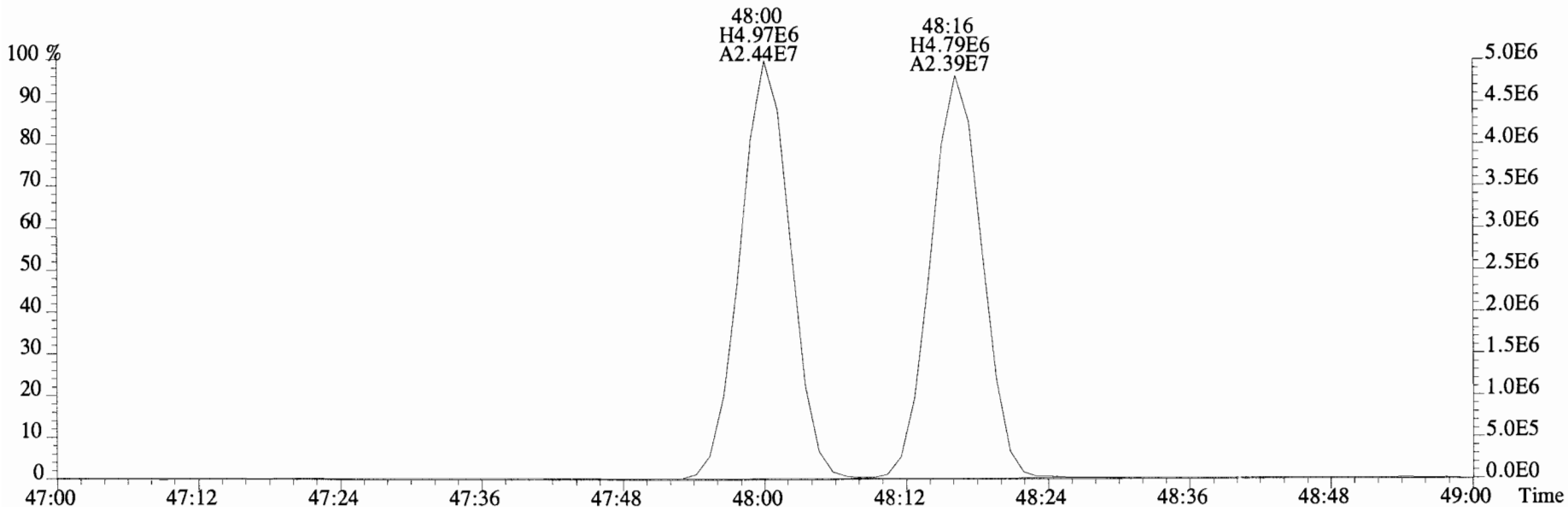
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6244.0,0.00%,F,F)



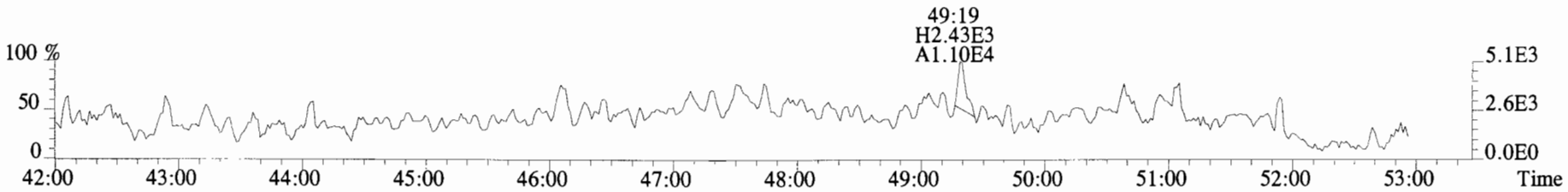
File:171108E2 #1-572 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6776.0,0.00%,F,F)



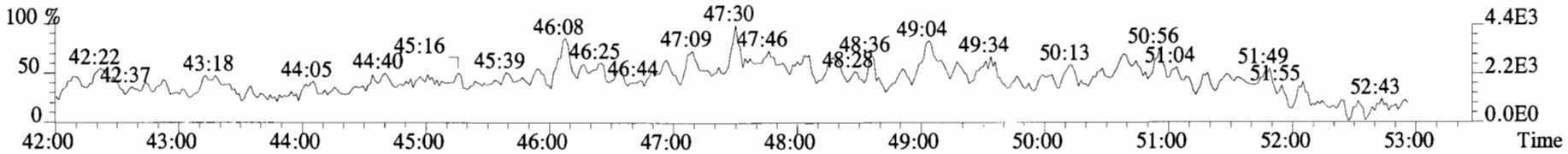
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6244.0,0.00%,F,F)



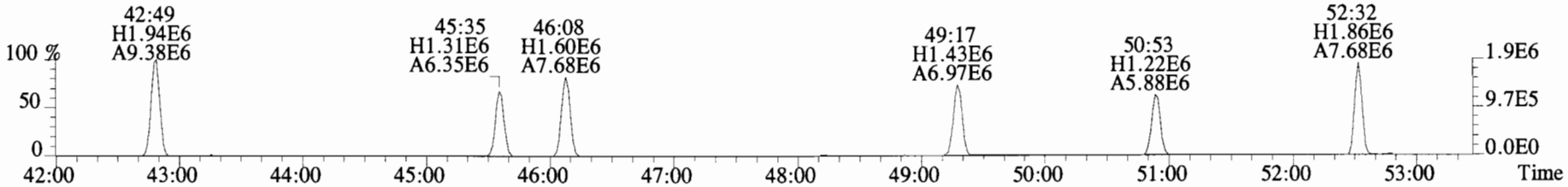
File:171108E2 #1-572 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



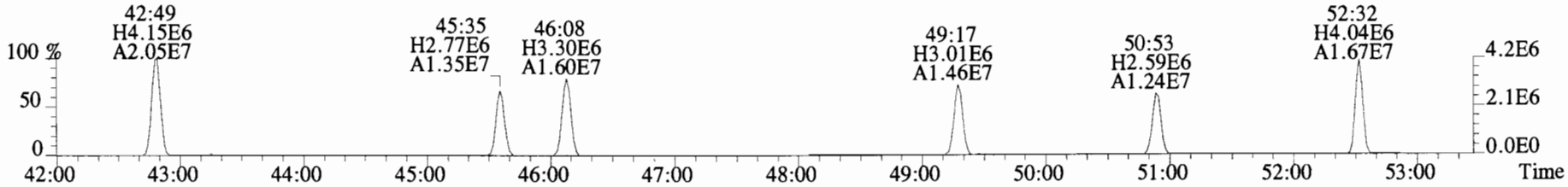
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



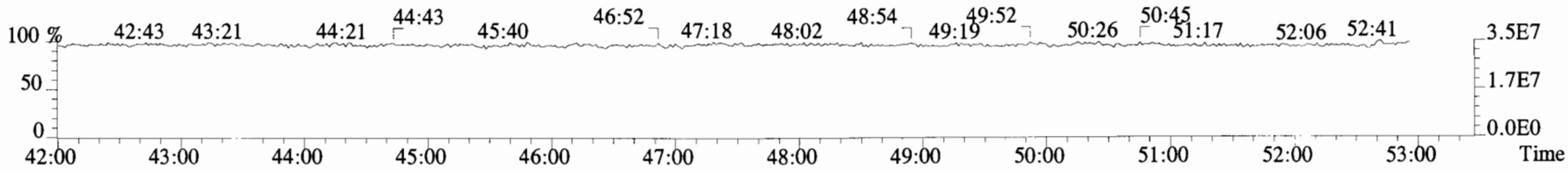
403.8457 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3012.0,0.00%,F,F)



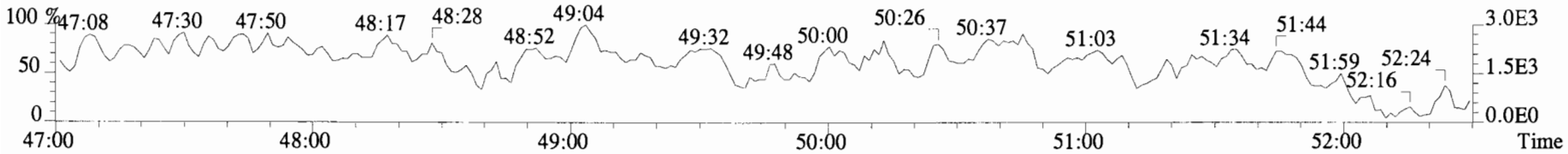
405.8428 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3576.0,0.00%,F,F)



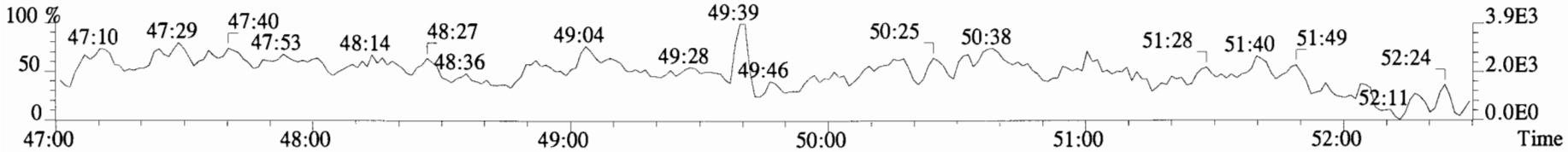
380.9760 S:7 F:4



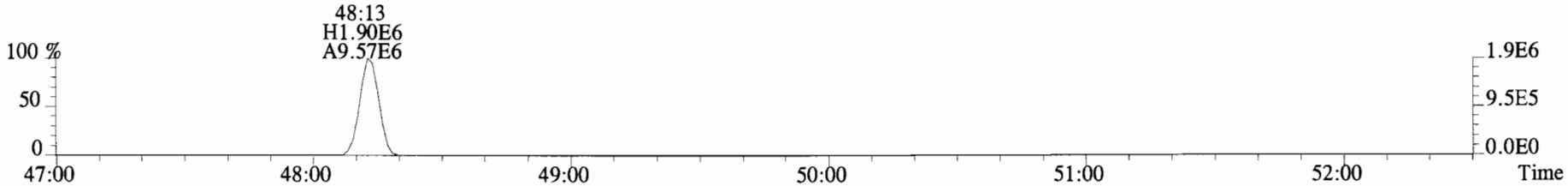
File:171108E2 #1-572 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



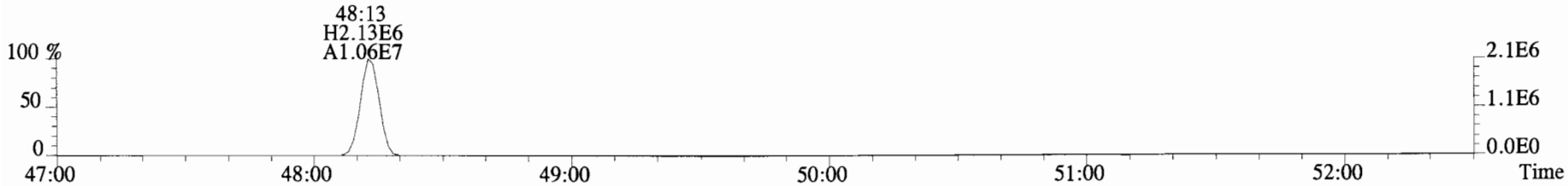
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



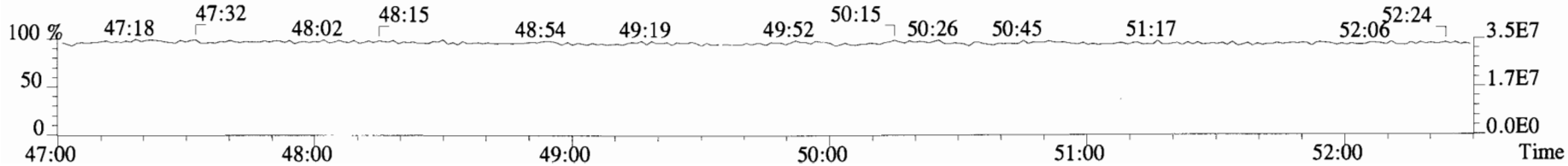
439.8038 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1920.0,0.00%,F,F)



441.8008 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)

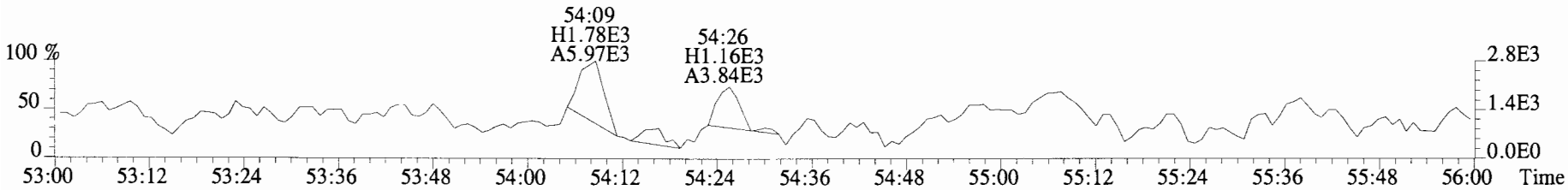


380.9760 S:7 F:4

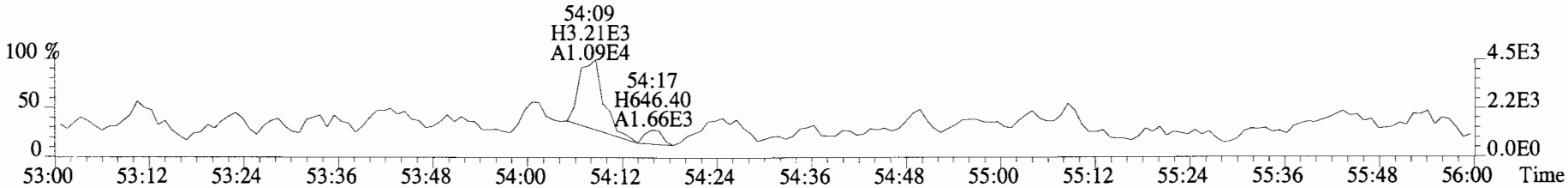


File:171108E2 #1-406 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1

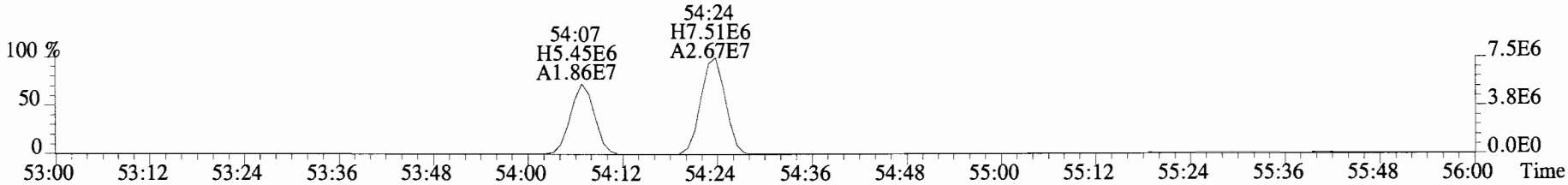
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



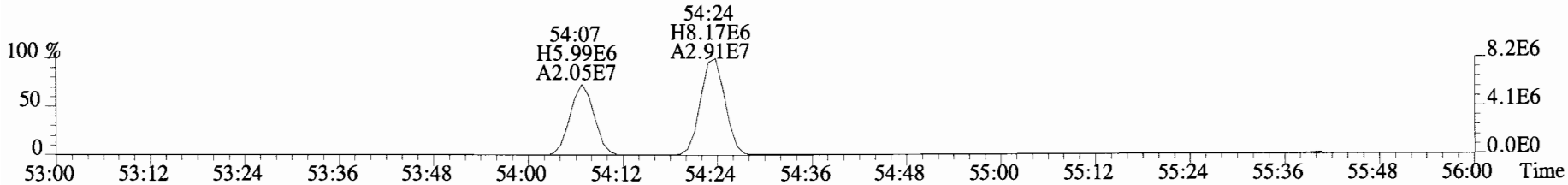
429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



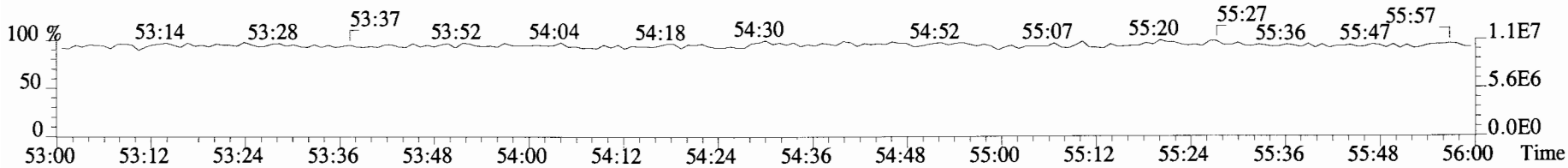
439.8038 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2800.0,0.00%,F,F)



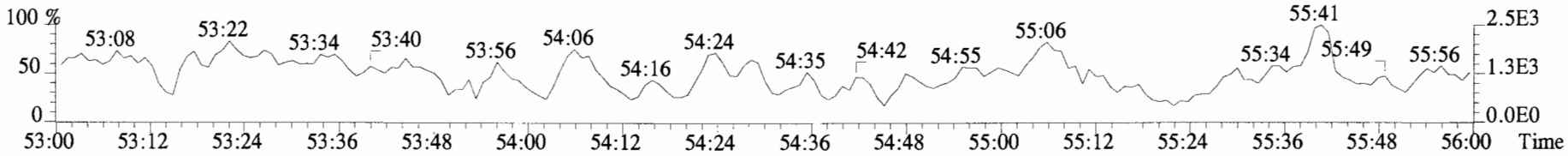
441.8008 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3208.0,0.00%,F,F)



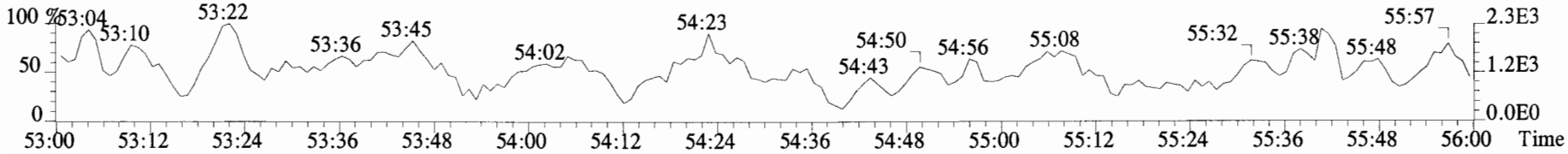
492.9697 S:7 F:5



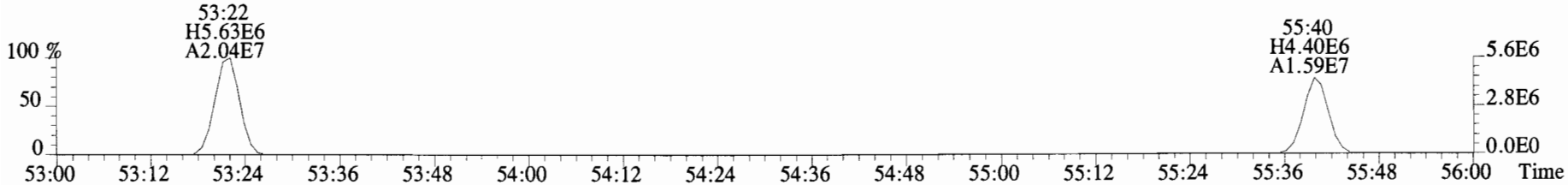
File:171108E2 #1-406 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



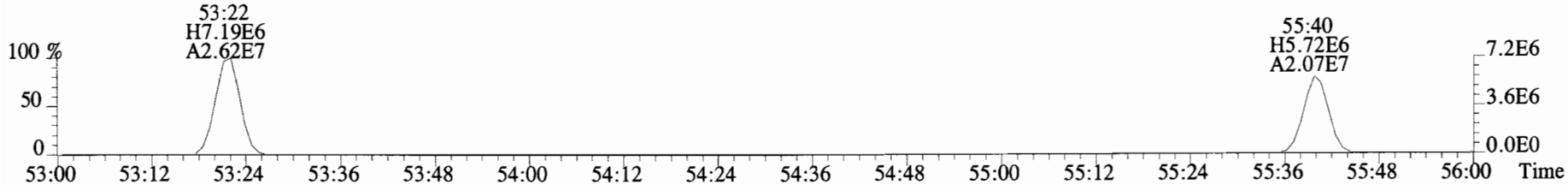
465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



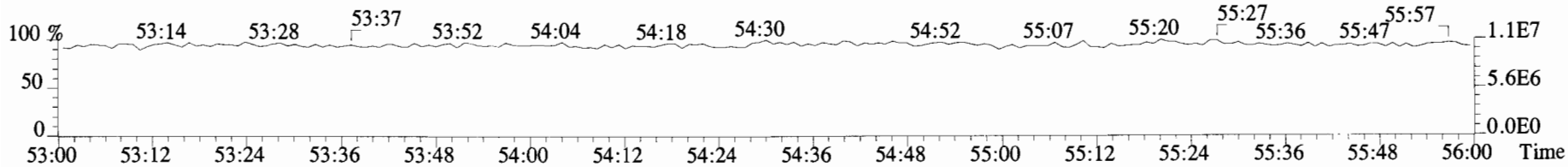
473.7648 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



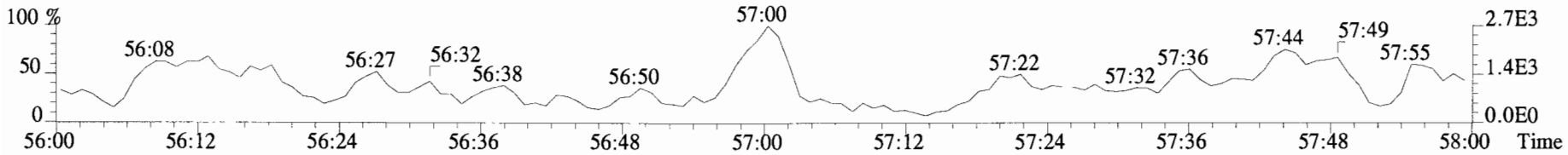
475.7619 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8864.0,0.00%,F,F)



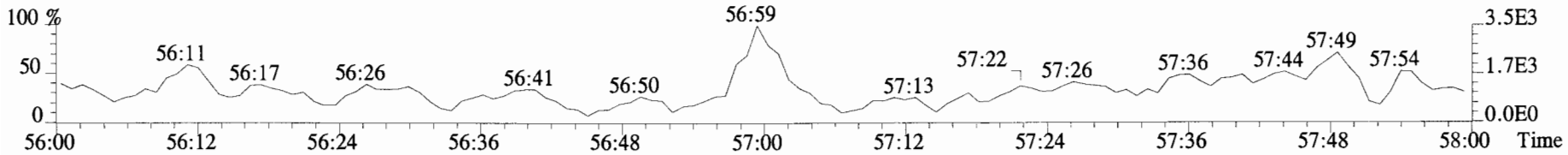
492.9697 S:7 F:5



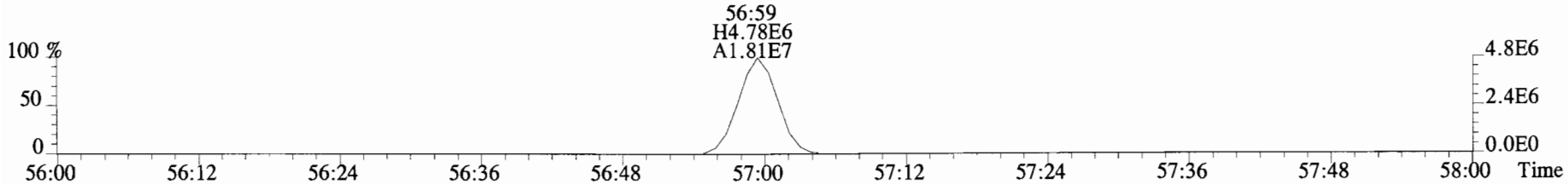
File:171108E2 #1-406 Acq: 8-NOV-2017 18:25:04 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BLK1 Method Blank 1 Exp:PCB_ZB1
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



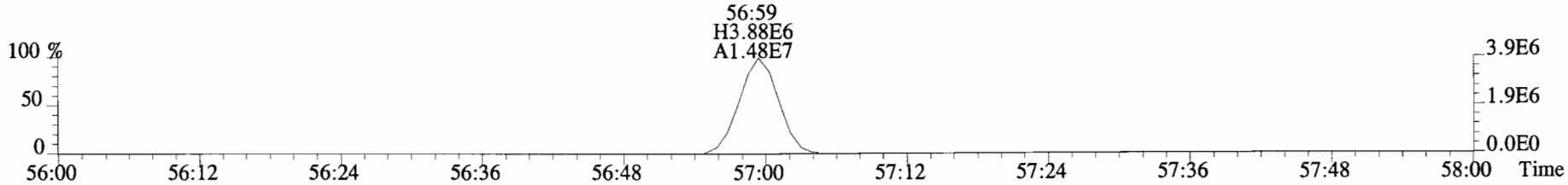
499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



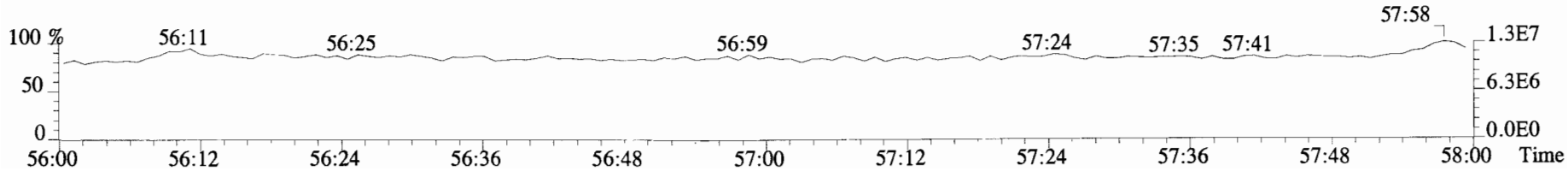
509.7229 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



511.7199 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



492.9697 S:7 F:5



EPA METHOD 1668C PCB ONGOING PRECISION AND RECOVERY (OPR)

Lab Name: Vista Analytical Laboratory OPR Data Filename: B7K0025-BS1

Matrix : AQUEOUS Ext. Date: 11-6-17 Analysis Date: 8-NOV-17 Time: 16:13:17

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT.

NATIVE ANALYTES	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (ng/mL)	LABELED COMPOUNDS	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (ng/mL)	CLEAN UP STANDARD	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	OPR CONC. LIMITS (ng/mL)
PCB-1	50	51.2	30.0-67.5	13C-PCB-1	100	36.1	15-145	13C-PCB-79	100	71.7	40-145
PCB-3	50	51.6	30.0-67.5	13C-PCB-3	100	39.9	15-145	13C-PCB-178	100	74.0	40-145
PCB-4/10	100	98.3	60.0-135	13C-PCB-4	100	53.8	15-145				
PCB-15	50	51.4	30.0-67.5	13C-PCB-11	100	62.9	15-145				
PCB-19	50	50.2	30.0-67.5	13C-PCB-19	100	46.5	15-145				
PCB-37	50	49.6	30.0-67.5	13C-PCB-37	100	68.6	15-145				
PCB-54	50	49.3	30.0-67.5	13C-PCB-54	100	64.0	15-145				
PCB-81	50	49.3	30.0-67.5	13C-PCB-81	100	71.1	40-145				
PCB-77	50	49.1	30.0-67.5	13C-PCB-77	100	70.4	40-145				
PCB-104	50	53.2	30.0-67.5	13C-PCB-104	100	62.6	40-145				
PCB-123	50	50.7	30.0-67.5	13C-PCB-123	100	72.0	40-145				
PCB-106/118	100	104.1	60.0-135	13C-PCB-118	100	71.4	40-145				
PCB-114	50	51.4	30.0-67.5	13C-PCB-114	100	80.8	40-145				
PCB-105	50	49.1	30.0-67.5	13C-PCB-105	100	80.9	40-145				
PCB-126	50	50.7	30.0-67.5	13C-PCB-126	100	79.0	40-145				
PCB-155	50	50.8	30.0-67.5	13C-PCB-155	100	47.8	40-145				
PCB-167	50	46.7	30.0-67.5	13C-PCB-167	100	69.5	40-145				
PCB-156	50	47.1	30.0-67.5	13C-PCB-156	100	73.3	40-145				
PCB-157	50	47.7	30.0-67.5	13C-PCB-157	100	71.6	40-145				
PCB-169	50	48.5	30.0-67.5	13C-PCB-169	100	74.8	40-145				
PCB-188	50	48.7	30.0-67.5	13C-PCB-188	100	70.7	40-145				
PCB-189	50	49.6	30.0-67.5	13C-PCB-189	100	74.7	40-145				
PCB-202	50	49.5	30.0-67.5	13C-PCB-202	100	54.3	40-145				
PCB-205	50	52.7	30.0-67.5	13C-PCB-194	100	68.2	40-145				
PCB-208	50	50.2	30.0-67.5	13C-PCB-208	100	59.1	40-145				
PCB-206	50	49.9	30.0-67.5	13C-PCB-206	100	66.0	40-145				
PCB-209	50	48.4	30.0-67.5	13C-PCB-209	100	63.6	40-145				

Analyst: MN

Date: 11/29/17

Client ID: OPR
Lab ID: B7K0025-BS1

Filename: 171108E2 S:4 Acq:8-NOV-17 16:13:17 ConCal: ST171108E2-1
GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	2.31e+07	3.06	y	1.14	16:02	1.001	0.996	1.006	51.2436
	PCB-2	2.79e+07	3.05	y	1.09	18:26	0.988	0.983	0.993	57.8317
	PCB-3	2.53e+07	3.08	y	1.10	18:40	1.001	0.996	1.006	51.5710
	PCB-4/10	4.38e+07	1.60	y	1.41	20:03	1.002	0.998	1.008	98.3459
	PCB-7/9	5.42e+07	1.60	y	1.13	21:50	0.867	0.864	0.871	102.876
	PCB-6	2.75e+07	1.57	y	1.09	22:30	0.893	0.888	0.897	54.0567
	PCB-5/8	5.78e+07	1.61	y	1.14	22:54	0.909	0.905	0.913	108.728
	PCB-14	3.53e+07	1.60	y	1.39	24:00	0.953	0.948	0.958	47.6956
	PCB-11	3.13e+07	1.60	y	1.18	25:12	1.001	0.996	1.006	49.9712
	PCB-12/13	6.25e+07	1.60	y	1.15	25:36	1.017	1.011	1.021	101.763
	PCB-15	3.47e+07	1.62	y	1.26	25:55	1.029	1.023	1.033	51.4184
	PCB-19	1.65e+07	1.07	y	1.25	24:11	1.001	0.996	1.006	50.1656
	PCB-30	2.70e+07	1.09	y	1.94	25:05	1.038	1.033	1.043	52.6942
	PCB-18	1.86e+07	1.09	y	0.95	25:50	0.954	0.949	0.959	48.2673
	PCB-17	2.09e+07	1.08	y	1.03	26:00	0.960	0.955	0.965	50.0463
	PCB-24/27	5.76e+07	1.07	y	1.35	26:35	0.982	0.976	0.986	105.212
-	PCB-16/32	4.68e+07	1.06	y	1.11	27:06	1.001	0.995	1.005	104.284
-	PCB-34	3.38e+07	1.06	y	1.19	27:54	0.960	0.955	0.965	59.1211
	PCB-23	2.89e+07	1.06	y	1.24	27:59	0.963	0.958	0.968	48.4619
	PCB-29	3.31e+07	1.05	y	1.26	28:14	0.972	0.966	0.976	54.4974
	PCB-26	3.22e+07	1.06	y	1.23	28:27	0.979	0.974	0.984	54.3622
	PCB-25	3.01e+07	1.08	y	1.15	28:37	0.985	0.980	0.990	54.2189
	PCB-31	3.16e+07	1.05	y	1.32	28:57	0.997	0.992	1.002	49.8113
	PCB-28	3.35e+07	1.07	y	1.25	29:04	1.001	0.995	1.005	55.7168
	PCB-20/21/33	9.66e+07	1.06	y	1.20	29:41	1.022	1.017	1.027	167.051
	PCB-22	3.31e+07	1.06	y	1.20	30:08	1.037	1.032	1.042	57.3120
	PCB-36	3.25e+07	1.07	y	1.24	30:44	0.933	0.929	0.939	47.3942
	PCB-39	3.49e+07	1.06	y	1.32	31:13	0.948	0.943	0.953	47.6601
	PCB-38	3.14e+07	1.05	y	1.18	31:58	0.971	0.966	0.976	48.2217
	PCB-35	3.48e+07	1.06	y	1.20	32:30	0.987	0.982	0.992	52.4444
	PCB-37	3.66e+07	1.05	y	1.33	32:56	1.000	0.995	1.005	49.6273
	PCB-54	2.38e+07	0.77	y	1.12	27:57	1.001	0.996	1.006	49.3469
	PCB-50	1.94e+07	0.77	y	0.90	29:07	1.042	1.038	1.048	50.1070
	PCB-53	2.00e+07	0.76	y	1.14	29:46	0.945	0.941	0.951	49.8299
	PCB-51	2.06e+07	0.77	y	1.18	30:07	0.957	0.952	0.962	49.6436
	PCB-45	1.85e+07	0.77	y	1.03	30:32	0.970	0.965	0.975	51.4405
	PCB-46	1.71e+07	0.77	y	0.98	31:02	0.986	0.981	0.991	49.9016

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	4.49e+07	0.78	y	1.325	31:31	1.001	0.996	1.006	96.7435
PCB-73	2.59e+07	0.77	y	1.388	31:38	1.005	1.000	1.010	53.3361
PCB-43/49	4.03e+07	0.77	y	1.141	31:47	1.010	1.005	1.015	100.757
PCB-47	2.17e+07	0.76	y	1.042	31:59	1.000	0.996	1.006	54.4605
PCB-48/75	4.77e+07	0.78	y	1.313	32:06	1.004	0.999	1.009	95.0088
PCB-65	2.34e+07	0.78	y	1.234	32:22	1.012	1.007	1.017	49.6949
PCB-62	2.61e+07	0.80	y	1.267	32:29	1.016	1.011	1.021	53.9390
PCB-44	1.79e+07	0.77	y	0.909	32:47	1.025	1.020	1.030	51.3938
PCB-42/59	4.73e+07	0.80	y	1.197	33:01	1.032	1.027	1.037	103.410
PCB-41/64/71/72	1.01e+08	0.77	y	1.273	33:36	1.051	1.046	1.056	207.876
PCB-68	3.15e+07	0.77	y	1.477	33:52	1.059	1.054	1.064	55.7439
PCB-40	1.68e+07	0.77	y	0.820	34:04	1.065	1.060	1.070	53.6479
PCB-57	2.82e+07	0.78	y	1.146	34:26	0.970	0.965	0.975	51.9084
PCB-67	2.83e+07	0.86	y	1.144	34:45	0.979	0.974	0.984	52.2572
PCB-58	2.97e+07	0.72	y	1.221	34:52	0.983	0.977	0.987	51.3324
PCB-63	2.96e+07	0.78	y	1.222	35:01	0.987	0.982	0.992	51.1440
PCB-74	2.92e+07	0.76	y	1.225	35:18	0.995	0.990	1.000	50.4301
PCB-61/70	5.63e+07	0.77	y	1.165	35:28	1.000	0.994	1.004	102.071
PCB-76/66	5.81e+07	0.79	y	1.199	35:41	1.006	1.001	1.011	102.321
PCB-80	3.32e+07	0.78	y	1.383	35:56	1.001	0.995	1.005	49.9589
PCB-55	3.01e+07	0.79	y	1.261	36:15	1.010	1.004	1.014	49.5367
PCB-56/60	5.51e+07	0.78	y	1.161	36:44	1.023	1.018	1.028	98.7374
PCB-79	2.96e+07	0.79	y	1.241	37:48	1.053	1.047	1.057	49.5896
PCB-78	2.82e+07	0.78	y	1.129	38:30	0.987	0.982	0.992	51.5142
PCB-81	3.02e+07	0.78	y	1.265	39:02	1.001	0.995	1.005	49.2542
PCB-77	2.97e+07	0.79	y	1.324	39:37	1.000	0.995	1.005	49.1237
PCB-104	1.49e+07	1.59	y	1.367	32:39	1.001	0.996	1.006	53.2367
PCB-96	1.47e+07	1.62	y	1.184	33:54	1.039	1.034	1.044	60.4233
PCB-103	1.26e+07	1.62	y	1.122	34:27	1.056	1.051	1.061	54.8593
PCB-100	1.27e+07	1.58	y	1.096	34:47	1.066	1.062	1.072	56.3495
PCB-94	1.09e+07	1.65	y	1.163	35:16	0.985	0.981	0.991	53.7025
PCB-95/98/102	3.53e+07	1.59	y	1.313	35:45	0.999	0.994	1.004	153.793
PCB-93	1.09e+07	1.64	y	1.079	35:53	1.002	0.997	1.007	57.7622
PCB-88/91	2.17e+07	1.59	y	1.198	36:10	1.010	1.005	1.015	103.832
PCB-121	1.59e+07	1.61	y	1.847	36:17	1.014	1.009	1.019	49.2085
PCB-84/92	2.21e+07	1.60	y	1.217	37:06	0.990	0.985	0.995	105.685
PCB-89	1.07e+07	1.67	y	1.185	37:17	0.995	0.990	1.000	52.5259

Integrations by Analyst: MI
Date: 11/29/17

Reviewed by Analyst: CT
Date: 12/1/17

Client ID: OPR
Lab ID: B7K0025-BS1

Filename: 171108E2 S:4 Acq:8-NOV-17 16:13:17 ConCal: ST171108E2-1
GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	2.42e+07	1.61 y	1.38	37:29	1.000	0.995	1.005	102.068
	PCB-113	1.42e+07	1.66 y	1.52	37:44	1.007	1.002	1.012	54.6238
	PCB-99	1.20e+07	1.63 y	1.48	37:49	1.009	1.004	1.014	47.3360
	PCB-119	1.65e+07	1.59 y	2.12	38:17	0.988	0.982	0.992	51.0440
	PCB-108/112	2.49e+07	1.58 y	1.59	38:26	0.991	0.986	0.996	102.817
	PCB-83	1.48e+07	1.58 y	1.90	38:36	0.996	0.991	1.001	51.1398
	PCB-97	1.16e+07	1.61 y	1.50	38:47	1.000	0.995	1.005	50.7204
	PCB-86	9.04e+06	1.53 y	1.19	38:55	1.004	0.999	1.009	49.7521
	B-87/117/125	4.15e+07	1.64 y	1.76	39:03	1.007	1.002	1.012	154.321
	PCB-111/115	3.18e+07	1.60 y	2.09	39:12	1.011	1.007	1.017	99.9519
	PCB-85/116	2.64e+07	1.64 y	1.53	39:20	1.015	1.010	1.020	113.235
	PCB-120	1.63e+07	1.58 y	2.19	39:35	1.021	1.016	1.026	48.9400
	PCB-110	1.60e+07	1.64 y	1.87	39:44	1.025	1.020	1.030	56.1099
	PCB-82	9.94e+06	1.67 y	0.88	40:20	0.976	0.971	0.981	51.8040
	PCB-124	1.69e+07	1.58 y	1.46	41:01	0.992	0.988	0.998	53.2148
	PCB-107/109	3.40e+07	1.63 y	1.47	41:10	0.996	0.991	1.001	106.078
	PCB-123	1.63e+07	1.64 y	1.48	41:21	1.000	0.996	1.006	50.6919
-	PCB-106/118	3.39e+07	1.62 y	1.45	41:33	1.001	0.996	1.006	104.146
-	PCB-114	2.97e+07	1.57 y	1.39	42:11	1.000	0.995	1.005	51.3559
	PCB-122	2.55e+07	1.59 y	1.21	42:19	1.004	0.999	1.009	50.6181
	PCB-105	2.93e+07	1.60 y	1.44	43:03	1.000	0.995	1.005	49.0802
	PCB-127	2.67e+07	1.59 y	1.19	43:22	1.000	0.995	1.005	51.5614
	PCB-126	2.73e+07	1.60 y	1.33	45:16	1.000	0.995	1.005	50.7468
	PCB-155	8.19e+06	1.34 y	1.42	37:02	1.000	0.966	1.006	50.8156
	PCB-150	7.98e+06	1.31 y	1.32	38:18	1.035	1.029	1.039	53.2232
	PCB-152	7.97e+06	1.36 y	1.30	38:46	1.047	1.042	1.052	54.1846
	PCB-145	7.76e+06	1.31 y	1.27	39:13	1.059	1.054	1.064	53.7757
	PCB-136	8.02e+06	1.34 y	1.30	39:33	1.068	1.063	1.073	54.3042
	PCB-148	5.83e+06	1.32 y	0.94	39:39	1.071	1.066	1.076	54.5050
	PCB-154	6.47e+06	1.30 y	1.04	40:08	1.084	1.079	1.089	54.8075
	PCB-151	6.39e+06	1.32 y	0.97	40:47	1.102	1.095	1.107	58.1205
	PCB-135	6.22e+06	1.34 y	0.99	40:59	1.107	1.101	1.113	55.2269
	PCB-144	6.74e+06	1.37 y	0.99	41:06	1.110	1.105	1.116	59.7077
	PCB-147	5.96e+06	1.29 y	0.89	41:14	1.114	1.108	1.120	59.0916
	PCB-139/149	1.32e+07	1.34 y	1.03	41:30	1.121	1.115	1.127	112.995
-	PCB-140	6.11e+06	1.33 y	0.97	41:41	1.126	1.120	1.132	55.6442
-	PCB-134/143	3.52e+07	1.25 y	0.93	42:06	0.975	0.970	0.980	95.9352

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	3.47e+07	1.24 y	0.92	42:25	0.982	0.977	0.987	95.5874
PCB-142	1.74e+07	1.25 y	0.86	42:34	0.986	0.980	0.990	51.1976
PCB-146/165	4.23e+07	1.24 y	1.12	42:48	0.991	0.986	0.996	96.1870
PCB-132/161	4.31e+07	1.24 y	1.13	43:02	0.997	0.992	1.002	96.7897
PCB-153	2.12e+07	1.27 y	1.16	43:12	1.000	0.996	1.006	46.6737
PCB-168	2.58e+07	1.26 y	1.41	43:25	1.005	1.000	1.010	46.5642
PCB-141	1.90e+07	1.26 y	1.24	43:56	1.000	0.996	1.006	46.4055
PCB-137	2.00e+07	1.24 y	1.25	44:19	1.009	1.004	1.014	48.0323
PCB-130	1.81e+07	1.26 y	1.07	44:25	1.011	1.006	1.016	51.0747
PCB-138/163/164	6.76e+07	1.24 y	1.36	44:48	1.001	0.996	1.006	142.331
PCB-158/160	4.98e+07	1.24 y	1.46	45:02	1.006	1.001	1.011	98.0866
PCB-129	1.68e+07	1.25 y	1.01	45:17	1.012	1.007	1.017	47.6624
PCB-166	2.44e+07	1.22 y	1.23	45:44	0.993	0.988	0.998	47.9162
PCB-159	2.64e+07	1.25 y	1.31	46:03	1.000	0.995	1.005	48.7899
PCB-128/162	4.53e+07	1.23 y	1.09	46:21	1.007	1.002	1.012	100.072
PCB-167	2.57e+07	1.23 y	1.29	46:44	1.000	0.995	1.005	46.6564
PCB-156	2.75e+07	1.25 y	1.32	48:01	1.000	0.995	1.005	47.0709
PCB-157	2.77e+07	1.27 y	1.34	48:17	1.000	0.995	1.005	47.7457
PCB-169	2.67e+07	1.28 y	1.21	50:29	1.000	0.995	1.005	48.4838
PCB-188	1.85e+07	1.07 y	1.61	42:50	1.000	0.995	1.005	48.7103
PCB-184	1.66e+07	1.08 y	1.46	43:17	1.011	1.006	1.016	48.3459
PCB-179	1.71e+07	1.09 y	1.49	44:04	1.029	1.024	1.034	48.7374
PCB-176	1.84e+07	1.06 y	1.58	44:32	1.040	1.035	1.045	49.3418
PCB-186	1.81e+07	1.05 y	1.54	45:08	1.054	1.049	1.059	49.9294
PCB-178	1.36e+07	1.08 y	1.16	45:38	1.066	1.061	1.071	49.7034
PCB-175	1.36e+07	1.06 y	1.17	45:58	1.074	1.069	1.079	48.9976
PCB-182/187	2.83e+07	1.05 y	1.25	46:09	1.078	1.073	1.083	95.6132
PCB-183	1.55e+07	1.07 y	1.32	46:28	1.085	1.080	1.090	49.7072
PCB-185	1.32e+07	1.12 y	1.67	47:07	0.956	0.951	0.961	46.1915
PCB-174	1.18e+07	1.06 y	1.53	47:28	0.963	0.958	0.968	45.0315
PCB-181	1.54e+07	1.09 y	1.59	47:35	0.966	0.960	0.970	56.6595
PCB-177	1.22e+07	1.08 y	1.48	47:45	0.969	0.964	0.974	48.4259
PCB-171	1.44e+07	1.04 y	1.71	48:02	0.975	0.969	0.979	49.3772
PCB-173	1.21e+07	1.09 y	1.40	48:28	0.983	0.978	0.988	50.5630
PCB-172	1.35e+07	1.06 y	1.61	48:55	0.993	0.987	0.997	49.1626
PCB-192	1.69e+07	1.04 y	2.08	49:07	0.997	0.991	1.001	47.7715
PCB-180	1.42e+07	1.05 y	1.67	49:19	1.001	0.995	1.005	49.9414

Integrations by Analyst: MJ

Date: 11/29/17

Client ID: OPR Filename: 171108E2 S:4 Acq:8-NOV-17 16:13:17 ConCal: ST171108E2-1
Lab ID: B7K0025-BS1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	1.88e+07	1.07 y	2.18	49:31	1.005	0.999	1.009	50.5009
	PCB-191	2.05e+07	1.07 y	2.22	49:46	1.010	1.005	1.015	54.0490
	PCB-170	1.39e+07	1.06 y	1.83	50:55	1.000	0.995	1.005	50.1545
	PCB-190	1.87e+07	1.08 y	2.48	51:06	1.004	0.999	1.009	49.7571
	PCB-189	1.81e+07	1.04 y	1.82	52:33	1.000	0.995	1.005	49.5924
	PCB-202	9.03e+06	0.88 y	1.15	48:15	1.001	0.995	1.005	49.5144
	PCB-201	1.02e+07	0.90 y	1.25	48:44	1.011	1.005	1.015	51.4864
	PCB-204	9.82e+06	0.92 y	1.21	48:53	1.014	1.009	1.019	51.2847
	PCB-197	1.07e+07	0.93 y	1.34	49:11	1.020	1.015	1.025	50.4013
	PCB-200	1.10e+07	0.89 y	1.22	50:06	1.039	1.034	1.044	57.2031
	PCB-198	7.62e+06	0.95 y	0.90	51:35	1.070	1.064	1.074	53.4632
	PCB-199	6.90e+06	0.96 y	0.85	51:42	1.072	1.067	1.077	51.5557
-	PCB-196/203	1.61e+07	0.91 y	0.96	51:59	1.078	1.072	1.082	105.874
-	PCB-195	1.79e+07	0.89 y	1.12	53:14	0.984	0.979	0.989	52.0522
	PCB-194	1.97e+07	0.90 y	1.26	54:08	1.000	0.995	1.005	51.0447
	PCB-205	2.56e+07	0.90 y	1.59	54:24	1.005	1.000	1.010	52.6927
	PCB-208	2.05e+07	1.33 y	1.09	53:23	1.000	0.995	1.005	50.2027
	PCB-207	2.11e+07	1.35 y	1.10	53:42	1.006	1.001	1.011	51.2882
	PCB-206	1.42e+07	1.35 y	0.94	55:42	1.000	0.995	1.005	49.8660
	PCB-209	1.91e+07	1.19 y	1.44	57:00	1.000	0.995	1.005	48.4199

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	7.63e+07	3.06 y	16:02	1.11	160.646	
Total Di-PCB	3.49e+08	1.60 y	20:03	1.19	618.160	
Total Tri-PCB	1.87e+08	1.07 y	24:11	1.27	410.669	
Total Tri-PCB	5.29e+08	1.06 y	27:54	1.23	854.883	Sum:1265.55
Total Tetra-PCB	1.07e+09	0.77 y	27:57	1.17	2150.52	
Total Penta-PCB	5.54e+08	1.59 y	32:39	1.37	2153.56	
Total Penta-PCB	1.44e+08	1.57 y	42:11	1.31	262.553	Sum:2416.11
Total Hexa-PCB	9.69e+07	1.34 y	37:02	1.10	776.513	
Total Hexa-PCB	6.21e+08	1.25 y	42:06	1.17	1364.20	Sum:2140.72
Total Hepta-PCB	3.75e+08	1.07 y	42:50	1.55	1194.24	
Total Octa-PCB	8.13e+07	0.88 y	48:15	1.09	470.925	
Total Octa-PCB	6.43e+07	0.89 y	53:14	1.33	158.486	Sum:629.410
Total Nona-PCB	5.61e+07	1.33 y	53:23	1.05	152.165	
Total Deca-PCB	1.91e+07	1.19 y	57:00	1.44	48.4199	

Total PCB Conc:10708.5417100

Integrations by Analyst: MJ

Date: 11/29/17

Client ID: OPR Filename: 171108E2 S:4 Acq:8-NOV-17 16:13:17 ConCal: ST171108E2-1
Lab ID: B7K0025-BS1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	3.96e+07	3.32 y	1.24	16:01	0.619	0.616	0.622	36.1	36.1
13C-PCB-3	4.44e+07	3.26 y	1.25	18:39	0.721	0.717	0.725	39.9	39.9
13C-PCB-4	3.15e+07	1.58 y	0.66	20:00	0.773	0.768	0.776	53.8	53.8
13C-PCB-9	4.67e+07	1.60 y	0.98	21:48	0.842	0.838	0.846	53.5	53.5
13C-PCB-11	5.34e+07	1.57 y	0.95	25:11	0.973	0.968	0.978	62.9	62.9
13C-PCB-19	2.64e+07	1.13 y	0.64	24:10	0.934	0.928	0.938	46.5	46.5
13C-PCB-28	4.82e+07	1.04 y	0.98	29:03	1.003	0.999	1.009	58.2	58.2
13C-PCB-32	4.06e+07	1.09 y	0.90	27:05	1.046	1.041	1.051	50.6	50.6
13C-PCB-37	5.54e+07	1.05 y	0.95	32:56	1.138	1.131	1.144	68.6	68.6
13C-PCB-47	3.82e+07	0.82 y	0.85	31:59	0.871	0.867	0.875	66.4	66.4
13C-PCB-52	3.50e+07	0.81 y	0.77	31:29	0.857	0.853	0.861	66.6	66.6
13C-PCB-54	4.31e+07	0.80 y	0.99	27:56	0.761	0.757	0.765	64.0	64.0
13C-PCB-70	4.74e+07	0.83 y	1.00	35:29	0.966	0.961	0.971	69.8	69.8
13C-PCB-77	4.57e+07	0.81 y	0.96	39:36	1.079	1.073	1.083	70.4	70.4
13C-PCB-80	4.81e+07	0.82 y	1.00	35:54	0.978	0.973	0.983	70.6	70.6
13C-PCB-81	4.85e+07	0.81 y	1.00	39:00	1.062	1.057	1.067	71.1	71.1
13C-PCB-95	1.75e+07	1.68 y	0.81	35:48	0.913	0.908	0.918	68.0	68.0
13C-PCB-97	1.52e+07	1.67 y	0.70	38:46	0.989	0.984	0.994	68.8	68.8
13C-PCB-101	1.72e+07	1.68 y	0.80	37:29	0.956	0.951	0.961	67.6	67.6
13C-PCB-104	2.05e+07	1.65 y	1.03	32:38	0.832	0.828	0.836	62.6	62.6
13C-PCB-105	4.14e+07	1.58 y	1.16	43:02	0.929	0.924	0.934	80.9	80.9
13C-PCB-114	4.16e+07	1.64 y	1.17	42:10	0.911	0.905	0.915	80.8	80.8
13C-PCB-118	2.25e+07	1.73 y	0.99	41:31	1.059	1.054	1.064	71.4	71.4
13C-PCB-123	2.18e+07	1.69 y	0.95	41:20	1.054	1.049	1.059	72.0	72.0
13C-PCB-126	4.04e+07	1.61 y	1.16	45:15	0.977	0.972	0.982	79.0	79.0
13C-PCB-127	4.35e+07	1.62 y	1.25	43:21	0.936	0.931	0.941	78.9	78.9
13C-PCB-138	3.48e+07	1.28 y	1.15	44:46	0.967	0.961	0.971	68.9	68.9
13C-PCB-141	3.31e+07	1.24 y	1.08	43:56	0.949	0.943	0.953	69.8	69.8
13C-PCB-153	3.93e+07	1.30 y	1.28	43:11	0.933	0.928	0.938	69.4	69.4
13C-PCB-155	1.14e+07	1.33 y	0.75	37:01	0.944	0.939	0.949	47.8	47.8
13C-PCB-156	4.44e+07	1.30 y	1.37	48:00	1.037	1.032	1.042	73.3	73.3
13C-PCB-157	4.34e+07	1.30 y	1.38	48:16	1.042	1.038	1.048	71.6	71.6
13C-PCB-159	4.14e+07	1.30 y	1.38	46:02	0.994	0.989	0.999	68.2	68.2
13C-PCB-167	4.26e+07	1.29 y	1.39	46:43	1.009	1.004	1.014	69.5	69.5
13C-PCB-169	4.53e+07	1.31 y	1.38	50:29	1.090	1.085	1.095	74.8	74.8
13C-PCB-170	1.51e+07	0.48 y	0.84	50:54	1.103	1.097	1.109	75.0	75.0
13C-PCB-180	1.71e+07	0.49 y	0.96	49:17	1.068	1.063	1.073	73.8	73.8
13C-PCB-188	2.36e+07	0.46 y	1.39	42:49	0.928	0.923	0.933	70.7	70.7
13C-PCB-189	2.01e+07	0.45 y	1.12	52:32	1.139	1.132	1.144	74.7	74.7
13C-PCB-194	3.06e+07	0.88 y	0.76	54:07	0.995	0.990	1.000	68.2	68.2
13C-PCB-202	1.58e+07	0.92 y	1.21	48:13	1.045	1.040	1.050	54.3	54.3
13C-PCB-206	3.04e+07	0.78 y	0.78	55:41	1.024	1.019	1.029	66.0	66.0
13C-PCB-208	3.74e+07	0.77 y	1.08	53:22	0.981	0.976	0.986	59.1	59.1
13C-PCB-209	2.74e+07	1.21 y	0.73	56:59	1.048	1.043	1.053	63.6	63.6

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	4.96e+07	0.80 y	1.02	37:47	1.029	1.024	1.034	71.7	71.7
13C-PCB-178	1.61e+07	0.49 y	0.90	45:36	0.985	0.980	0.990	74.0	74.0

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	4.96e+07	0.80 y	1.01	37:47	0.969	0.963	0.973	101	101
13C-PCB-178	1.61e+07	0.49 y	0.94	45:36	0.925	0.920	0.930	100	100

RS

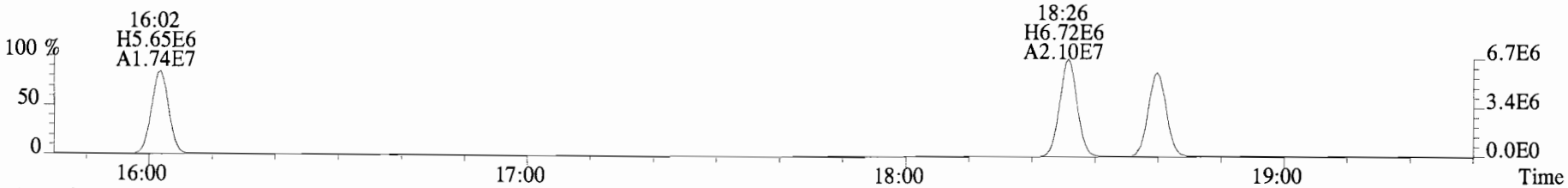
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	8.90e+07	1.57 y	1.00	25:53	100
13C-PCB-31	8.46e+07	1.04 y	1.00	28:57	100
13C-PCB-60	6.79e+07	0.80 y	1.00	36:43	100
13C-PCB-111	3.17e+07	1.65 y	1.00	39:12	100
13C-PCB-128	4.41e+07	1.29 y	1.00	46:18	100
13C-PCB-182	2.40e+07	0.44 y	1.00	46:08	100
13C-PCB-205	5.89e+07	0.93 y	1.00	54:23	100

Analyst: RM

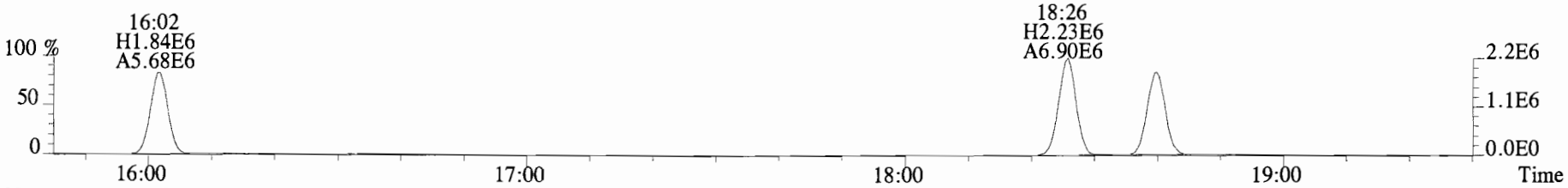
Date: 11/29/17

File:171108E2 #1-867 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1

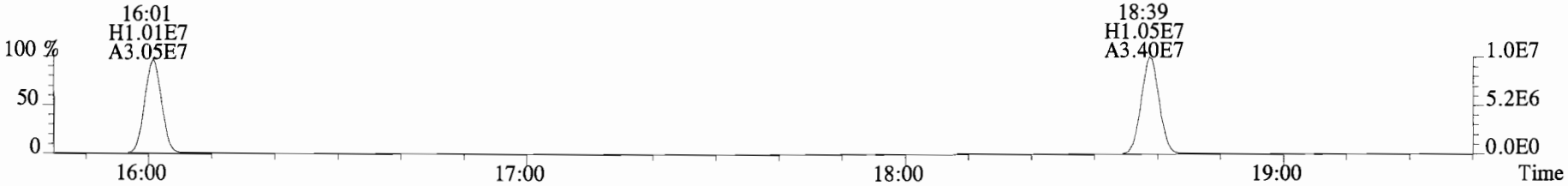
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6672.0,0.00%,F,F)



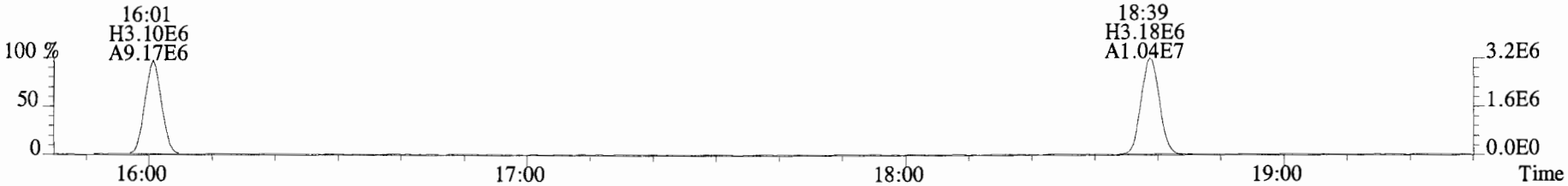
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5196.0,0.00%,F,F)



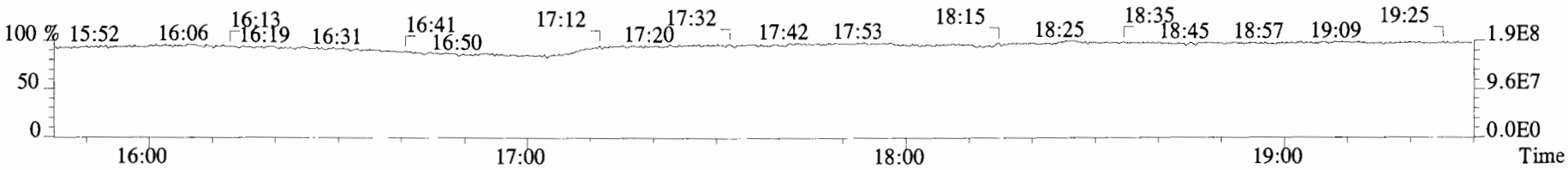
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



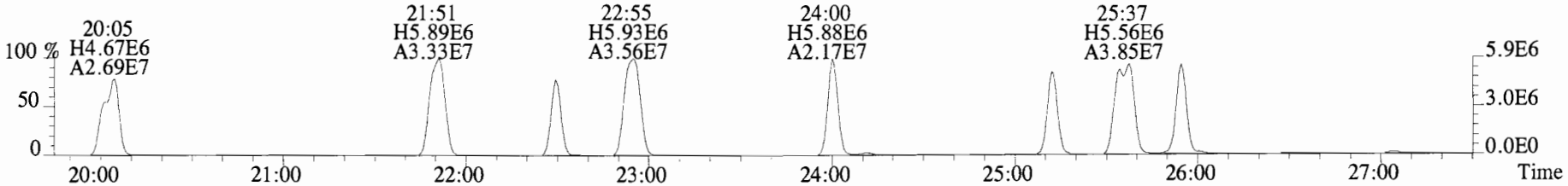
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18128.0,0.00%,F,F)



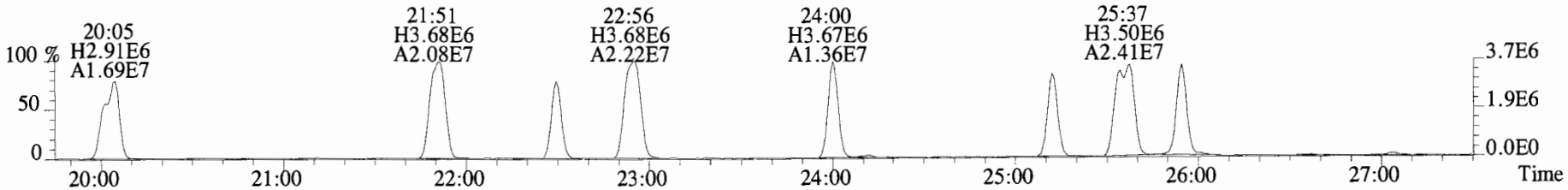
180.9880 S:4



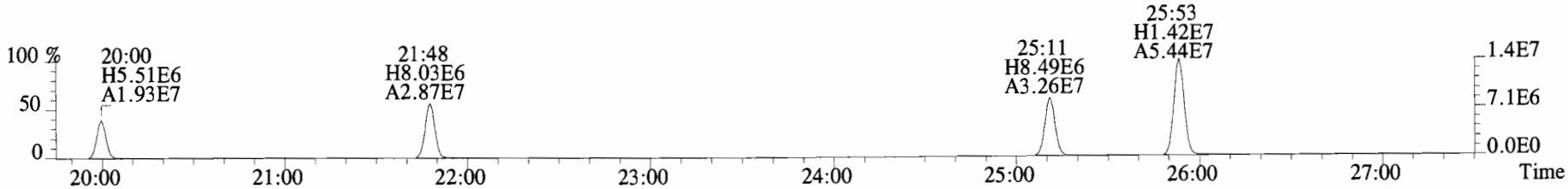
File:171108E2 #1-757 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



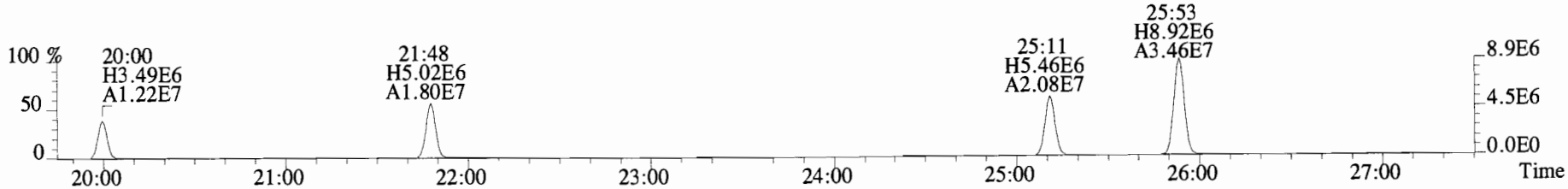
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27924.0,0.00%,F,F)



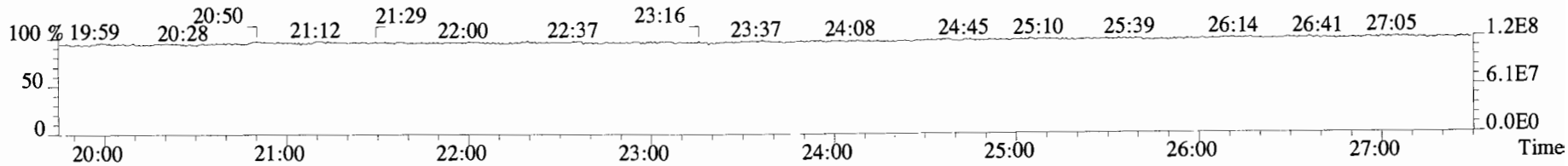
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3580.0,0.00%,F,F)



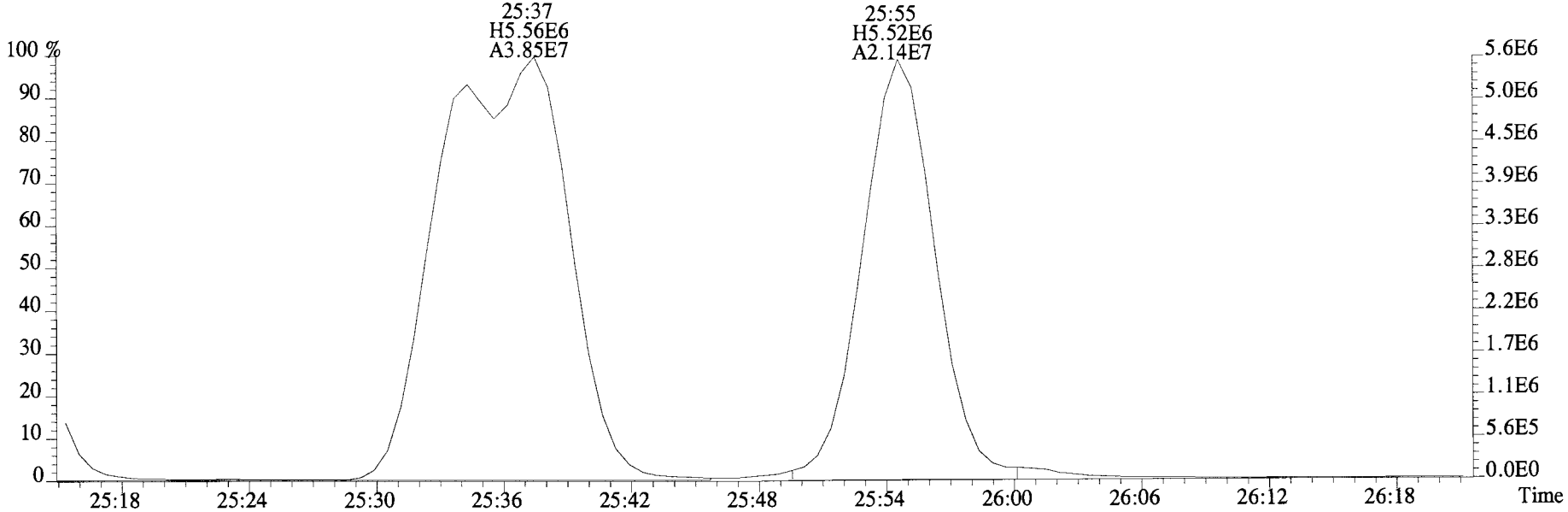
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4576.0,0.00%,F,F)



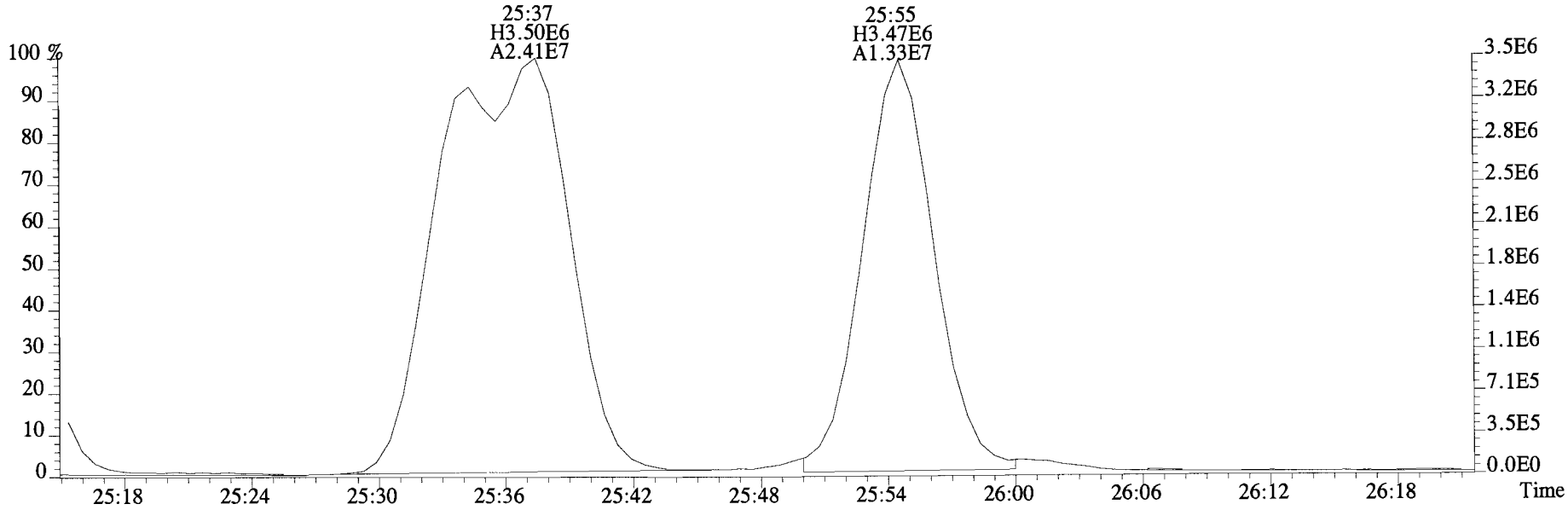
230.9856 S:4 F:2



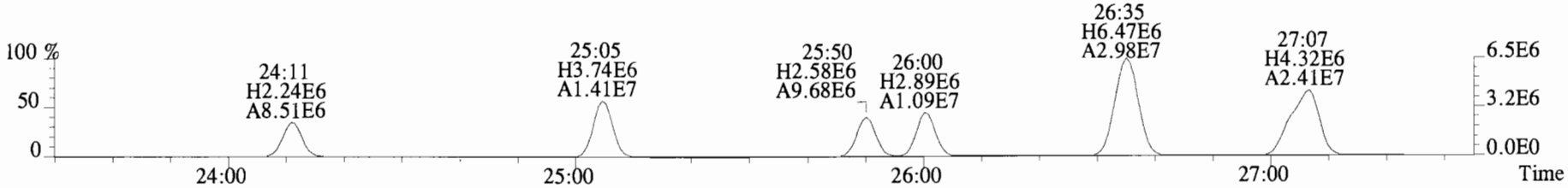
File:171108E2 #1-757 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



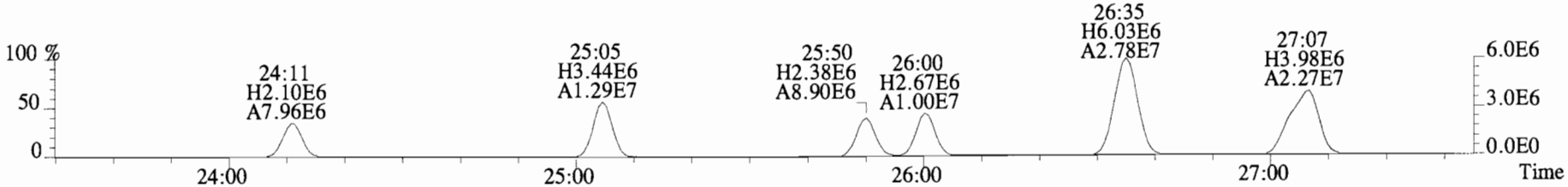
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27924.0,0.00%,F,F)



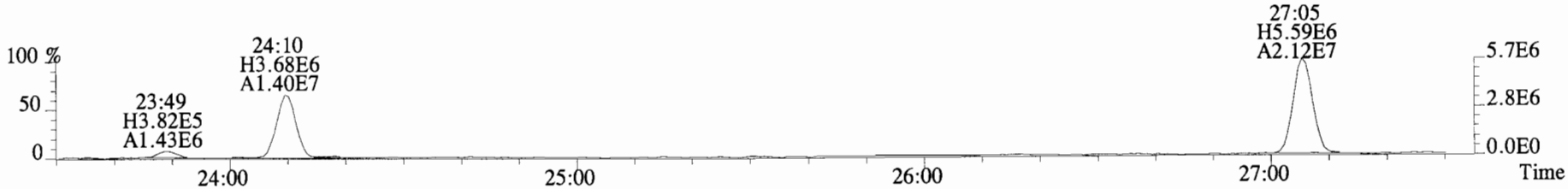
File:171108E2 #1-757 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3776.0,0.00%,F,F)



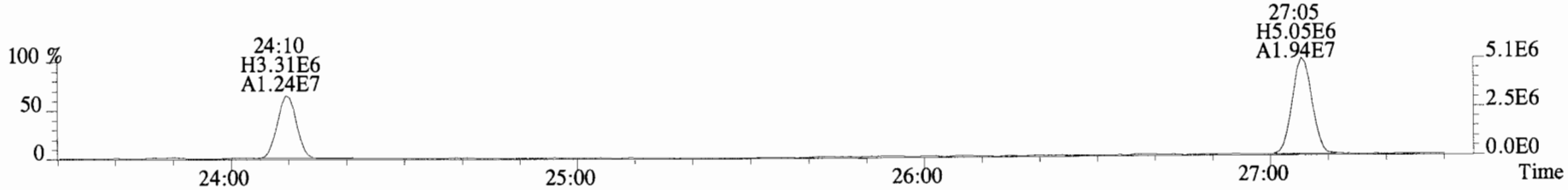
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



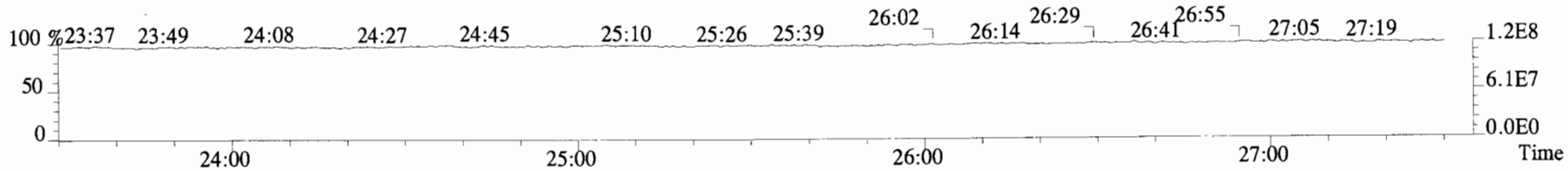
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81936.0,0.00%,F,F)



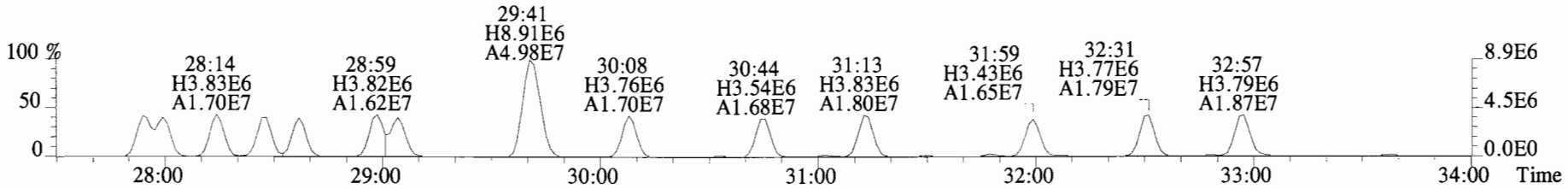
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



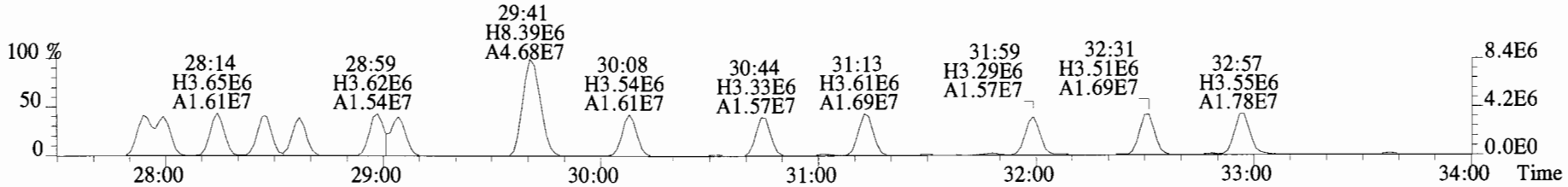
230.9856 S:4 F:2



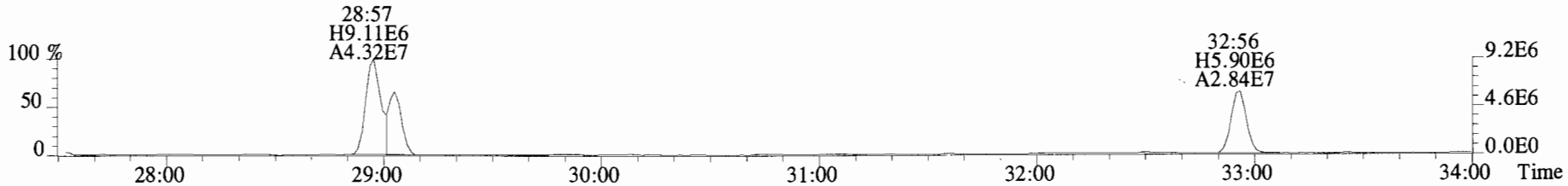
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12060.0,0.00%,F,F)



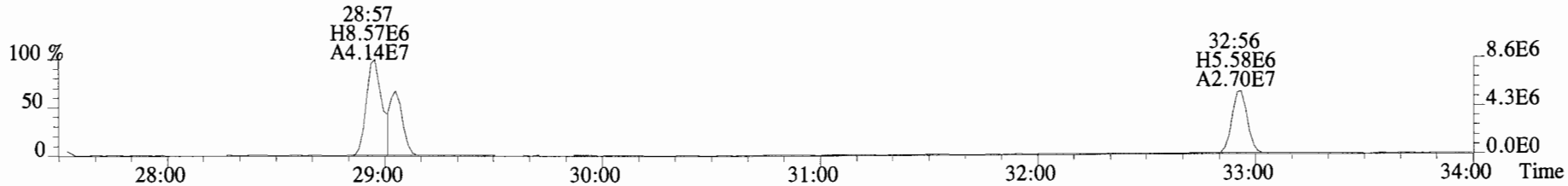
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12456.0,0.00%,F,F)



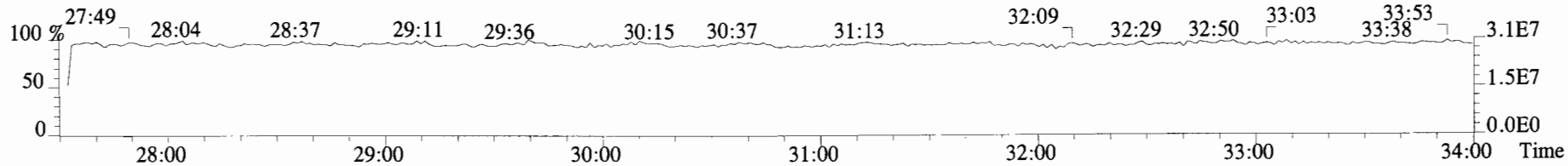
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99808.0,0.00%,F,F)



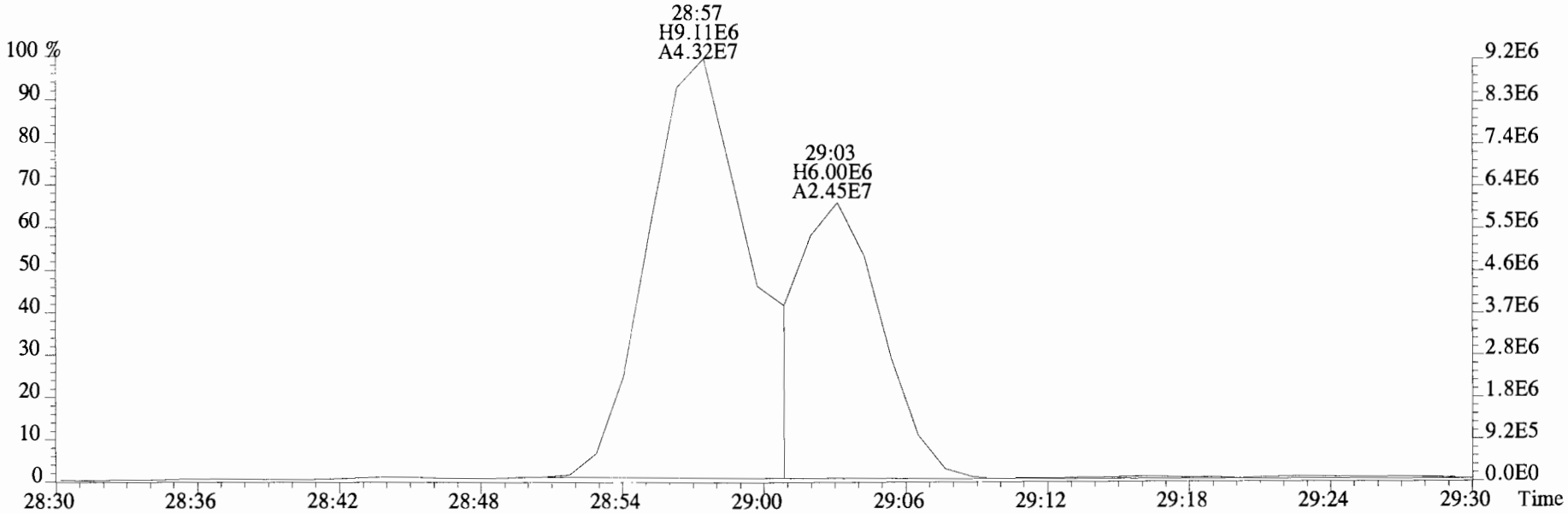
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40008.0,0.00%,F,F)



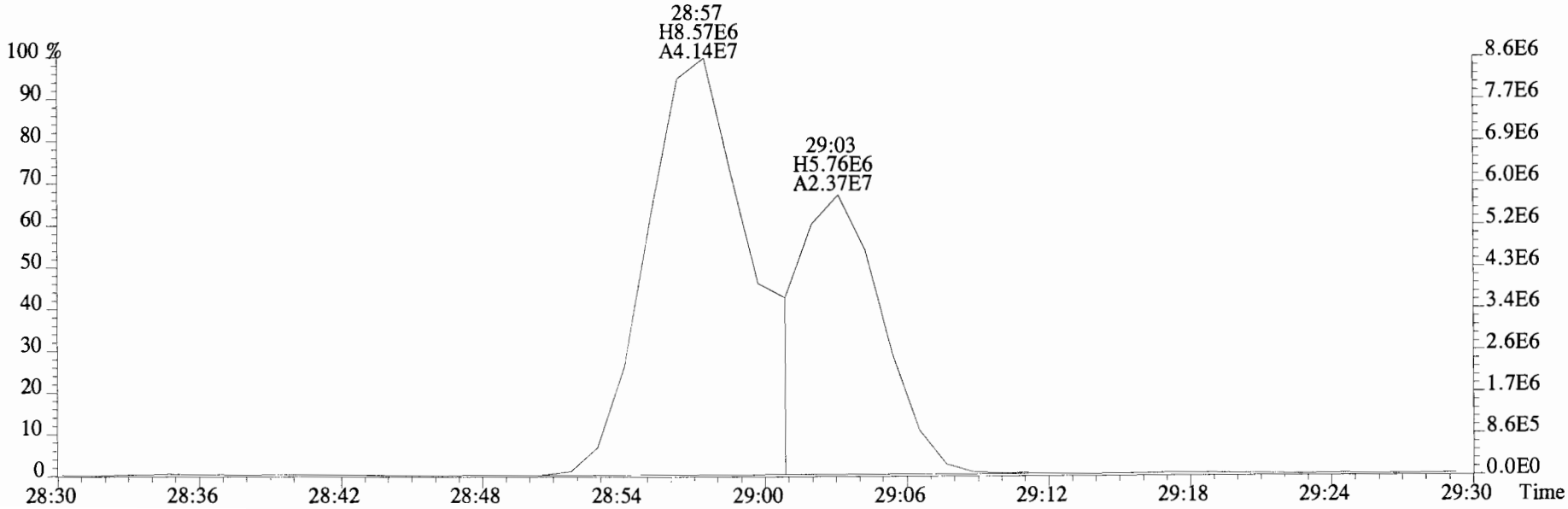
330.9792 S:4 F:3



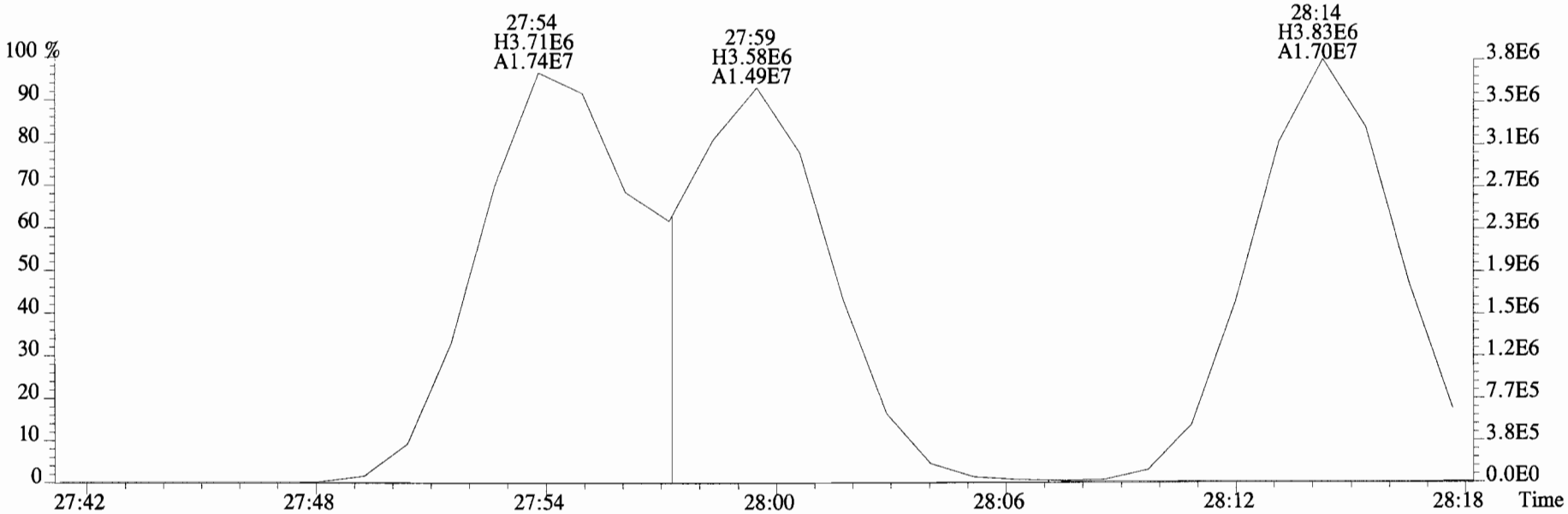
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99808.0,0.00%,F,F)



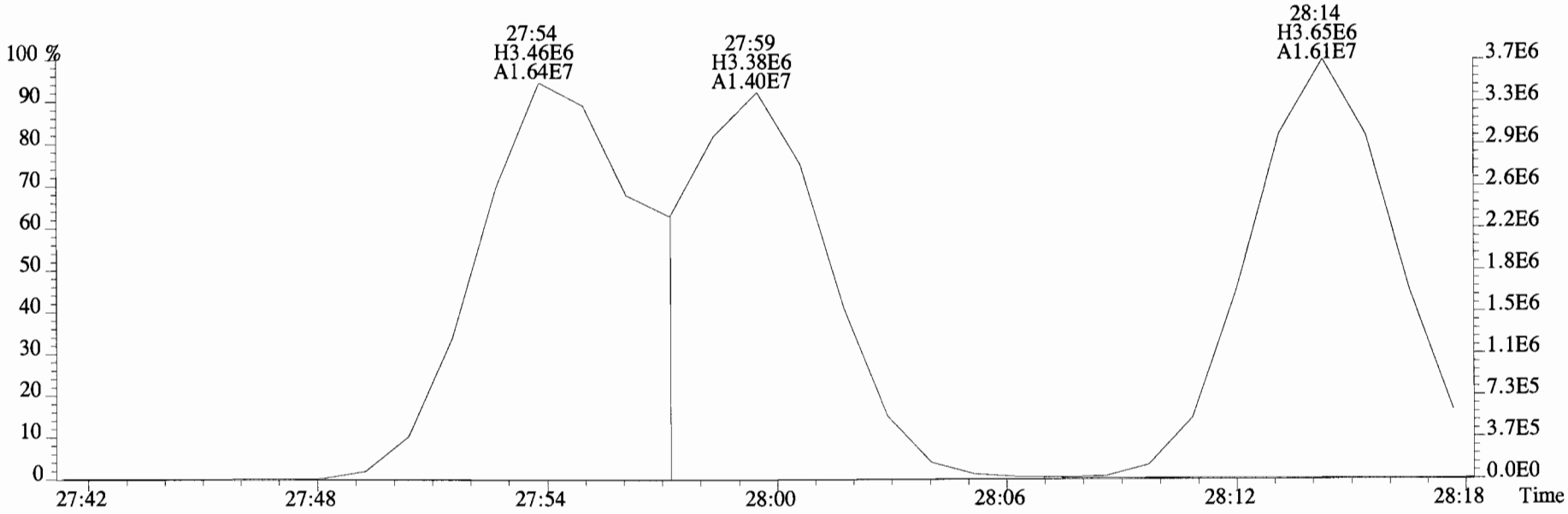
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40008.0,0.00%,F,F)



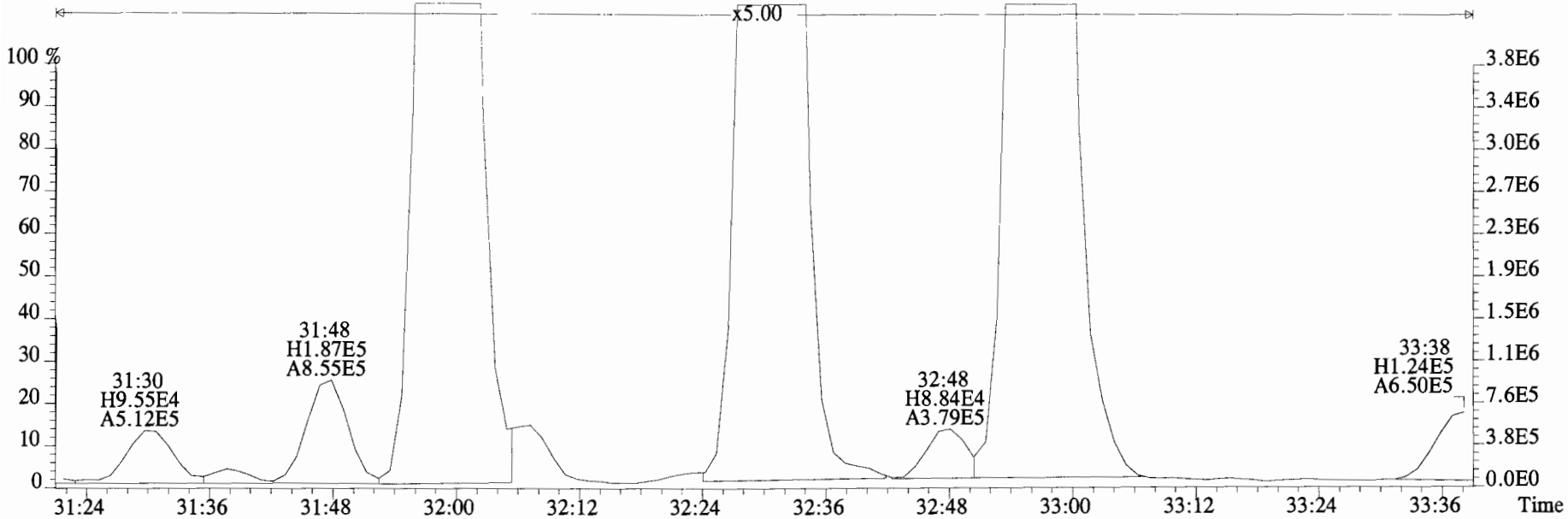
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12060.0,0.00%,F,F)



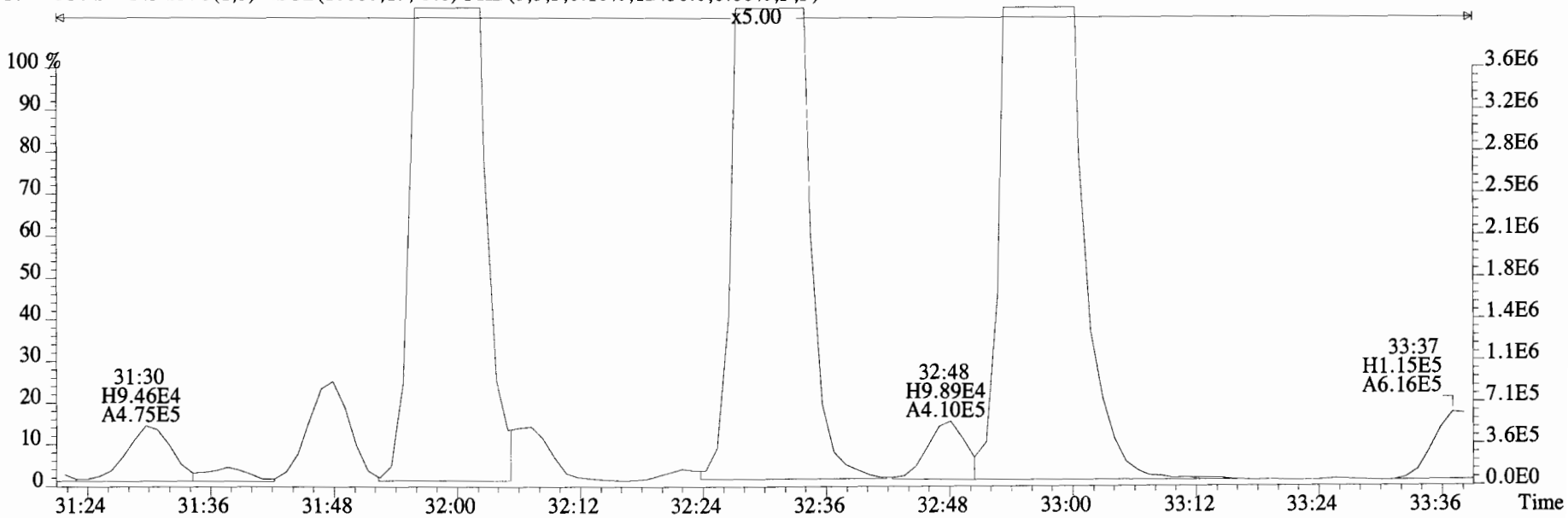
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12456.0,0.00%,F,F)



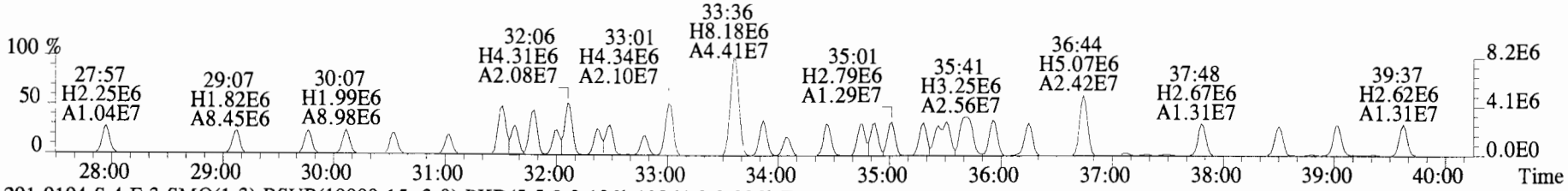
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12060.0,0.00%,F,F)



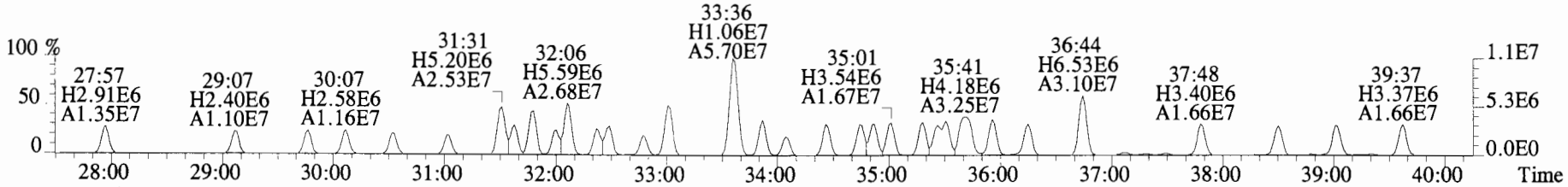
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12456.0,0.00%,F,F)



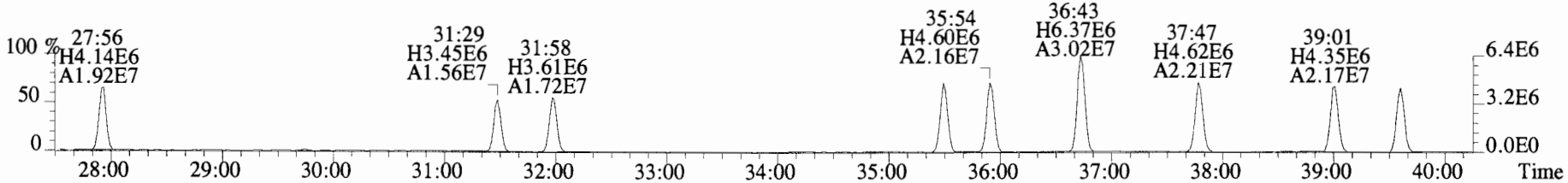
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8916.0,0.00%,F,F)



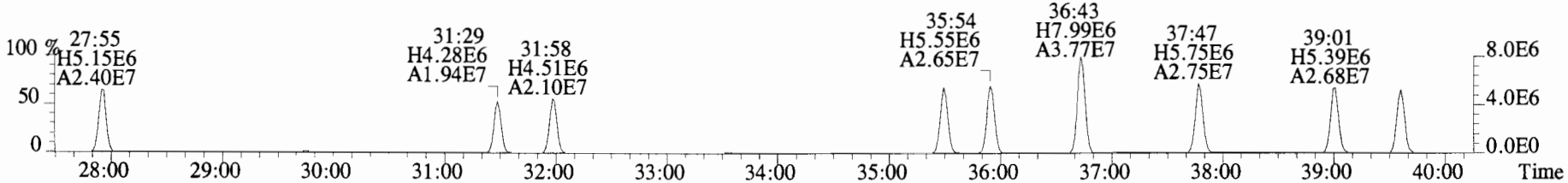
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13264.0,0.00%,F,F)



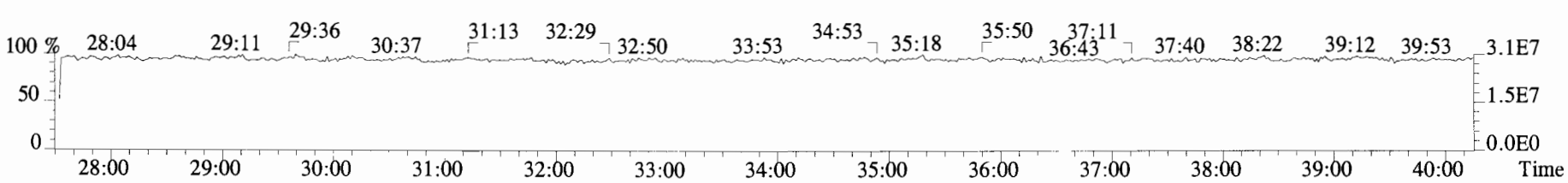
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33512.0,0.00%,F,F)



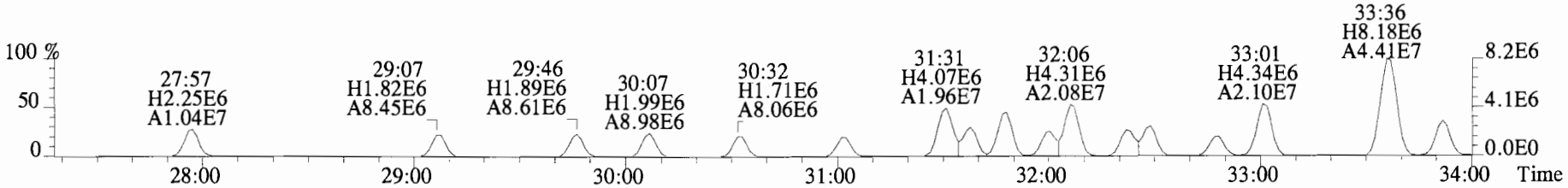
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16692.0,0.00%,F,F)



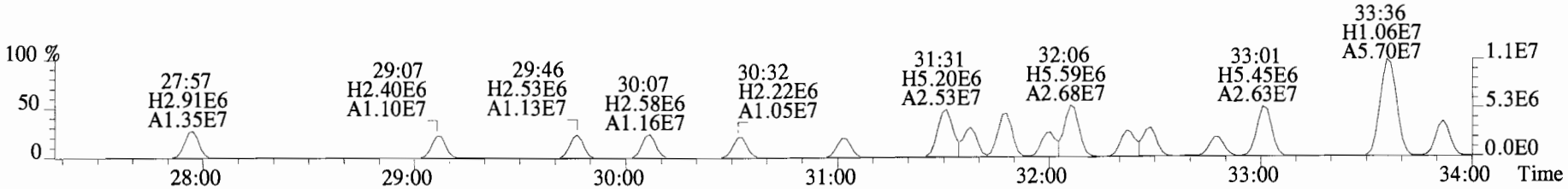
330.9792 S:4 F:3



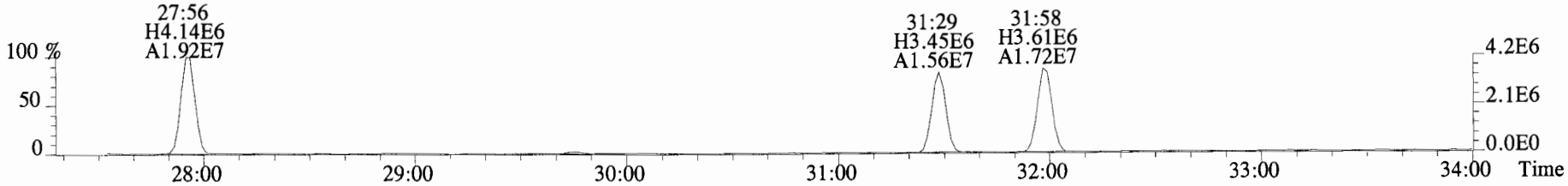
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8916.0,0.00%,F,F)



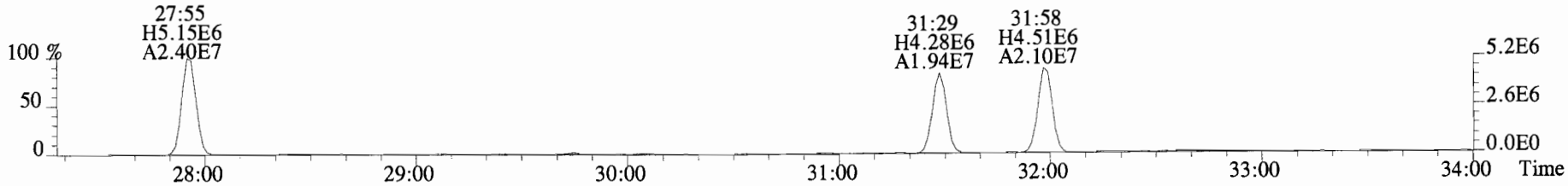
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13264.0,0.00%,F,F)



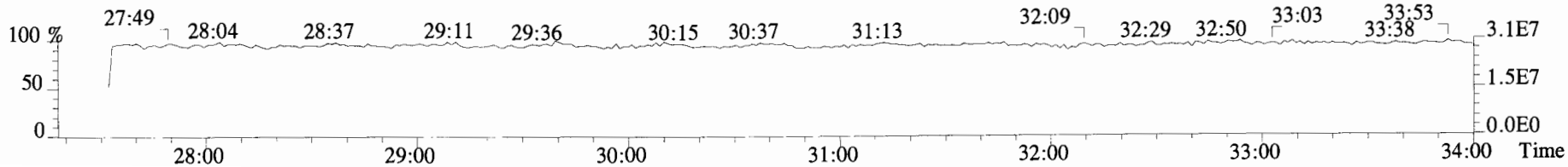
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33512.0,0.00%,F,F)



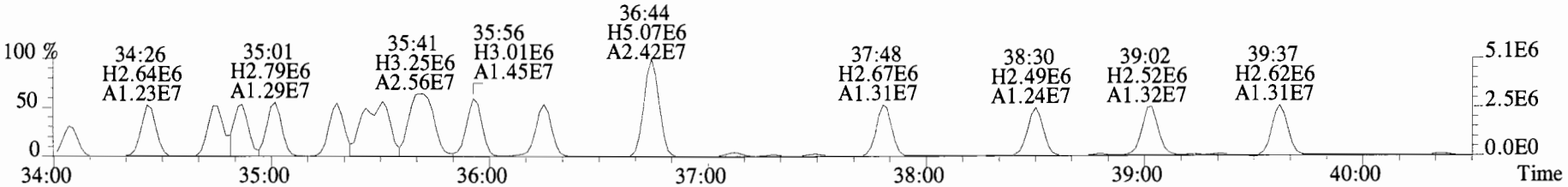
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16692.0,0.00%,F,F)



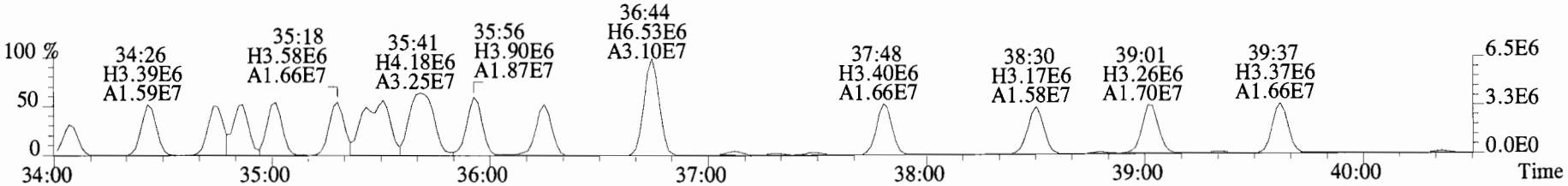
330.9792 S:4 F:3



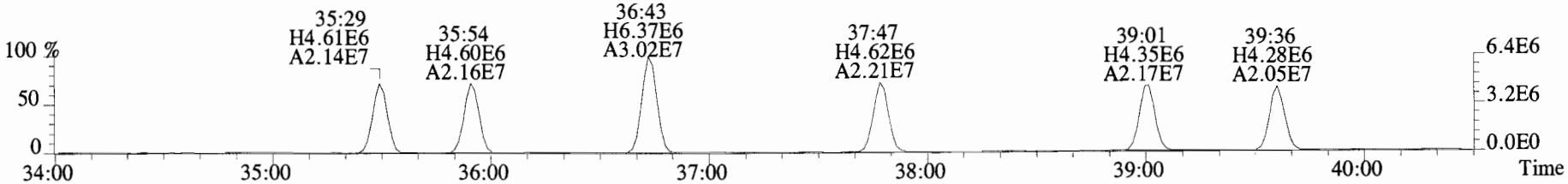
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8916.0,0.00%,F,F)



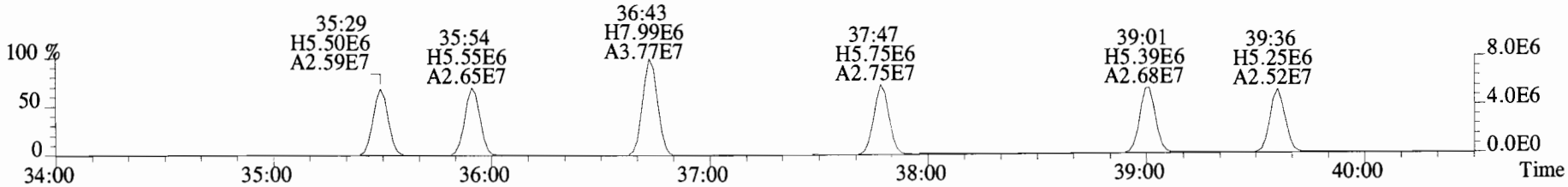
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13264.0,0.00%,F,F)



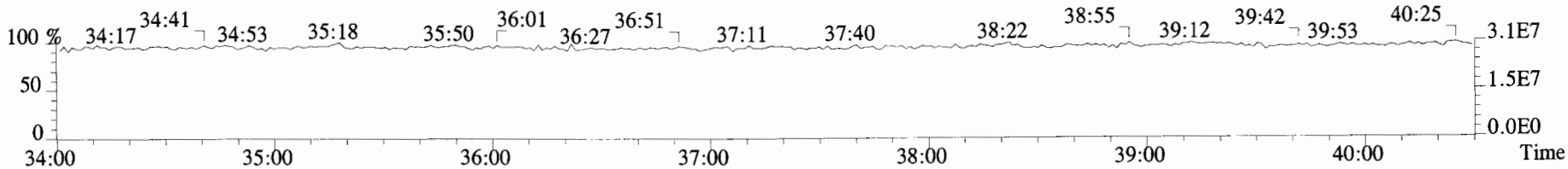
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33512.0,0.00%,F,F)



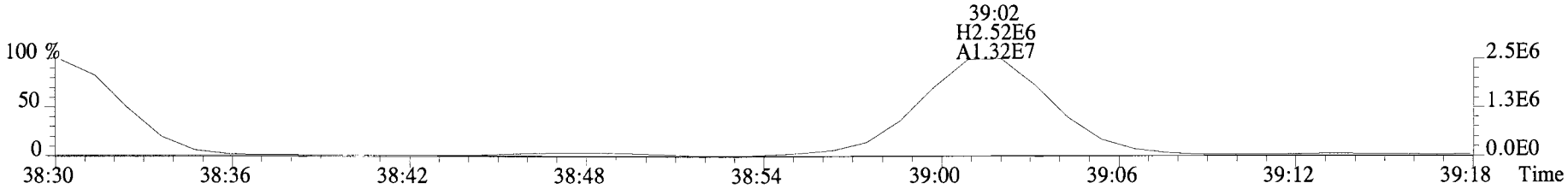
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16692.0,0.00%,F,F)



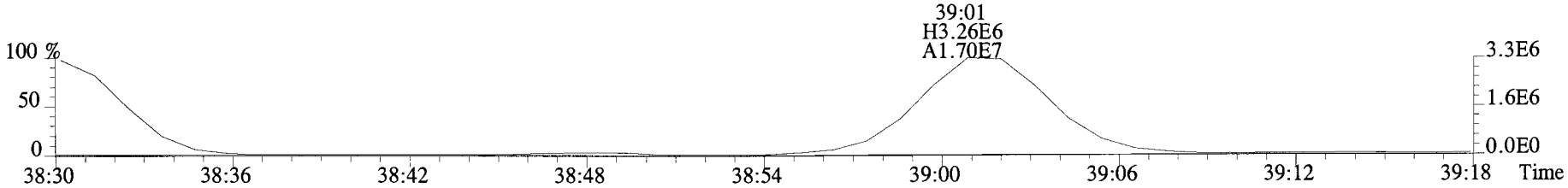
330.9792 S:4 F:3



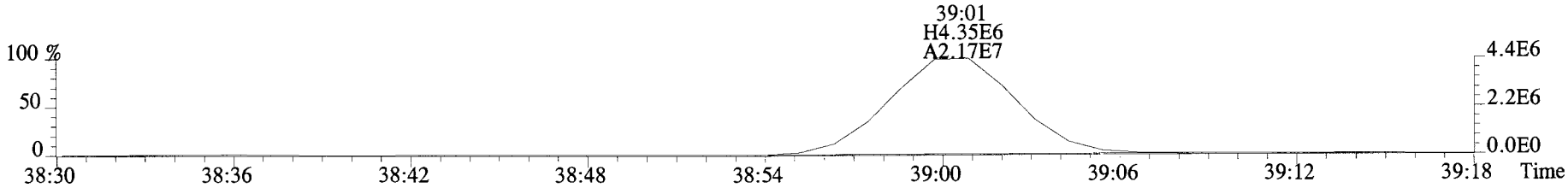
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8916.0,0.00%,F,F)



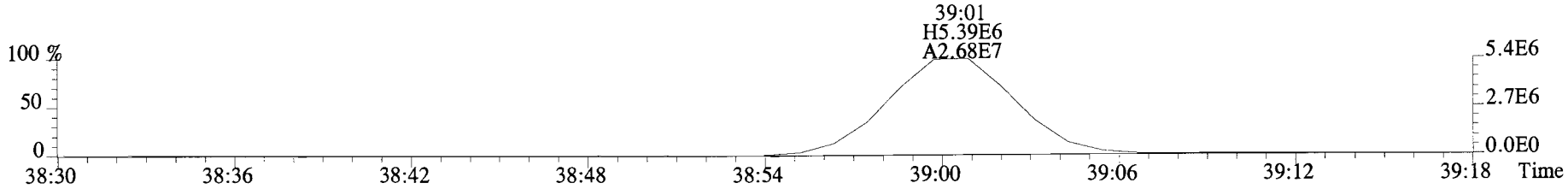
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13264.0,0.00%,F,F)



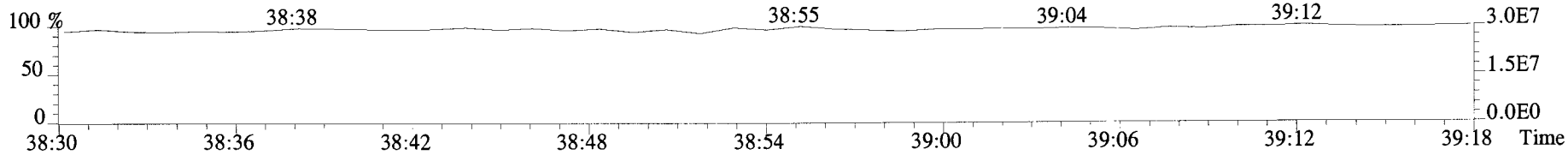
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33512.0,0.00%,F,F)



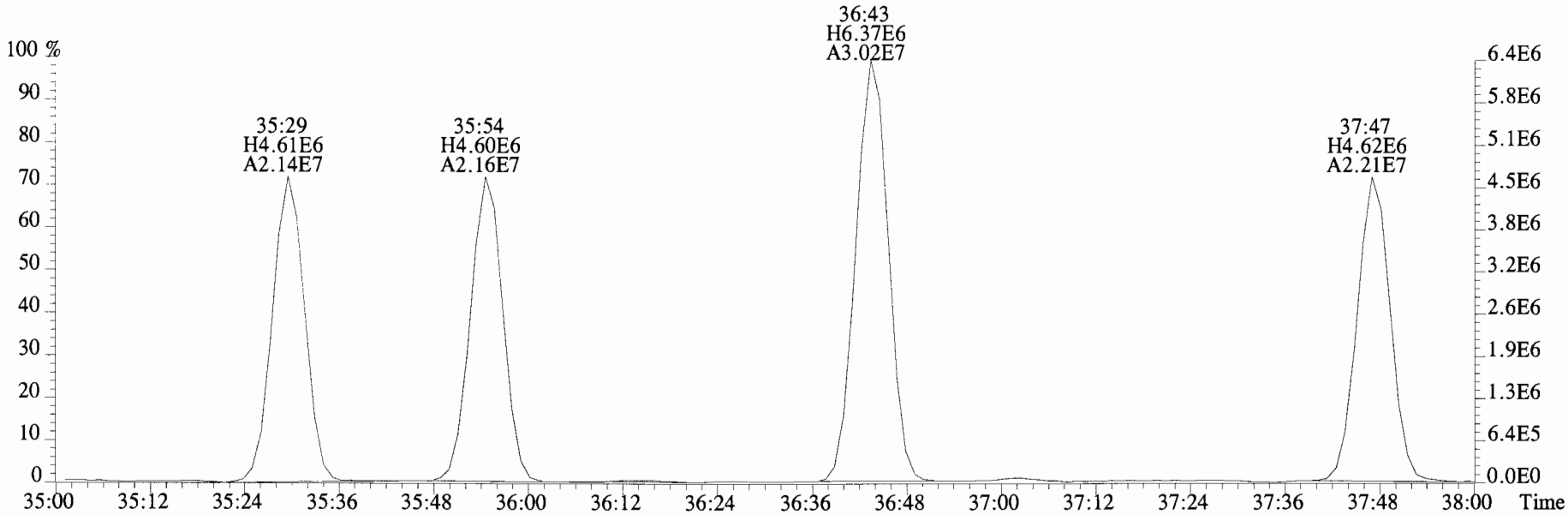
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16692.0,0.00%,F,F)



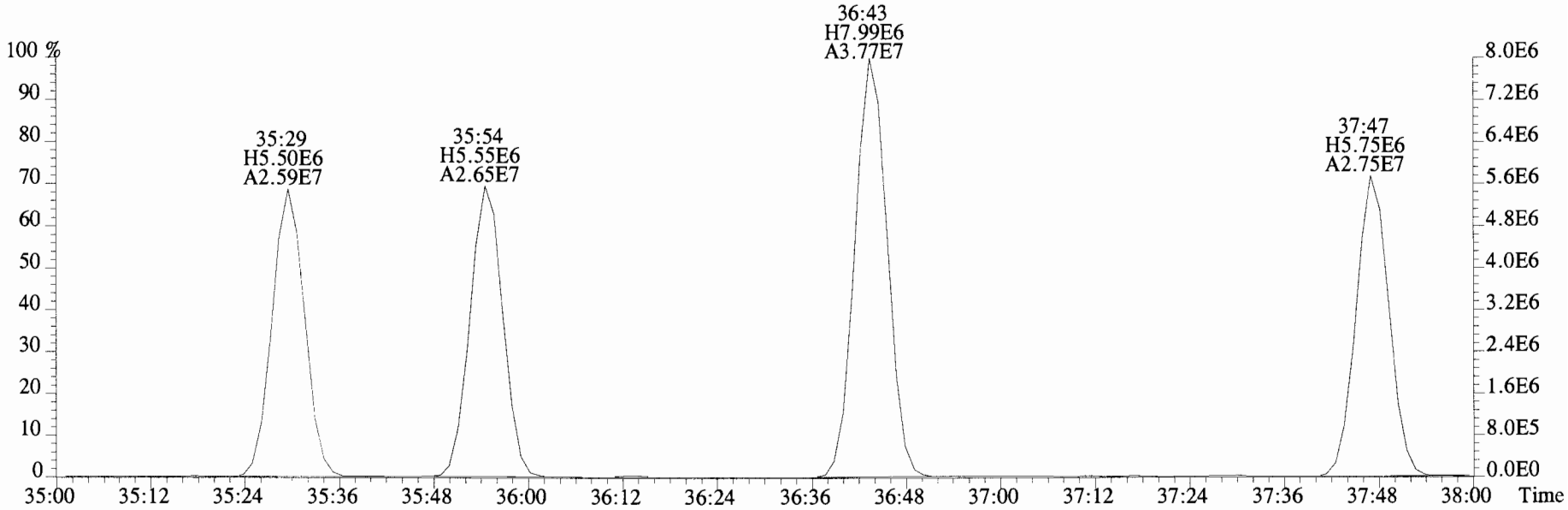
330.9792 S:4 F:3



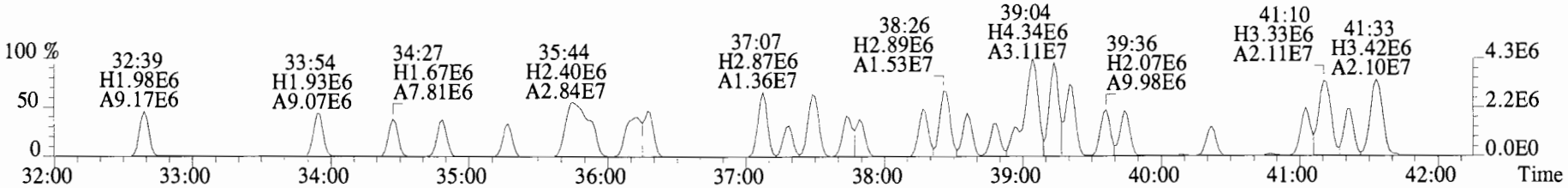
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33512.0,0.00%,F,F)



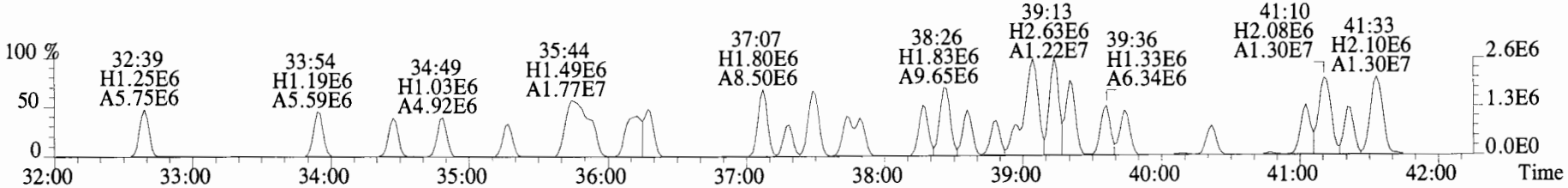
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16692.0,0.00%,F,F)



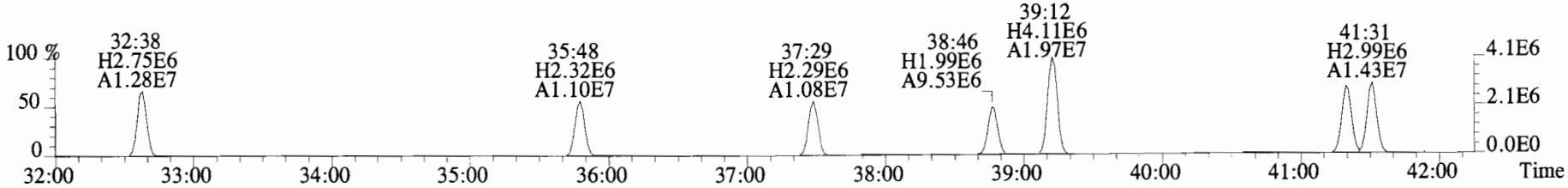
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



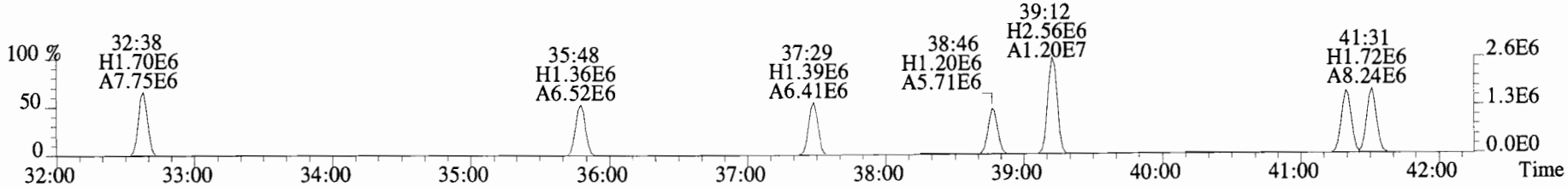
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



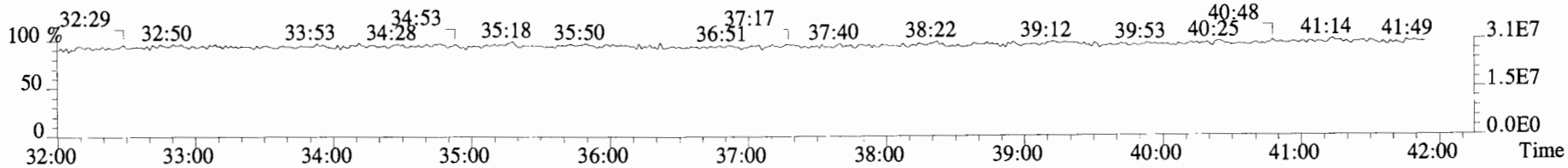
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)

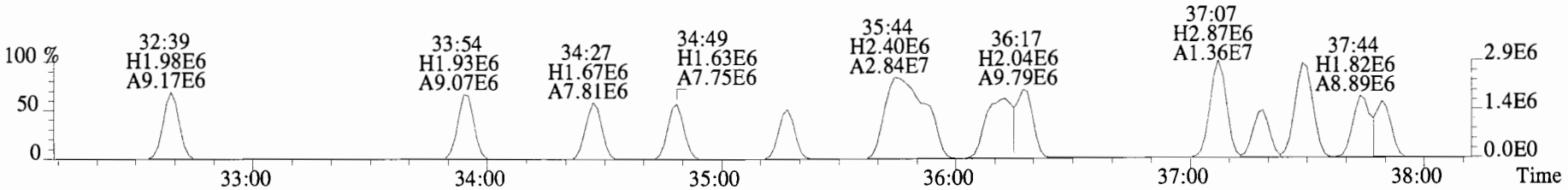


330.9792 S:4 F:3

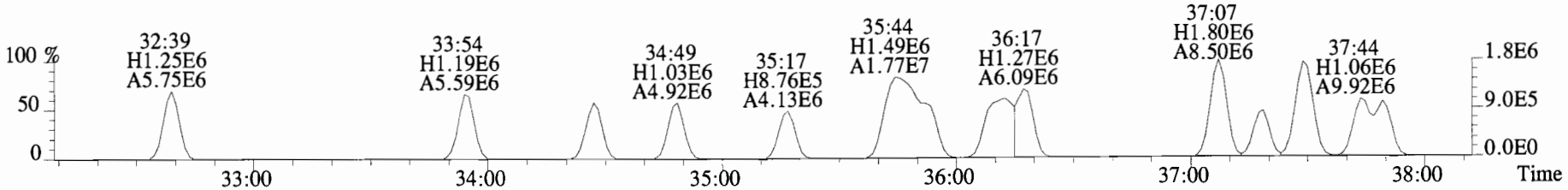


File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1

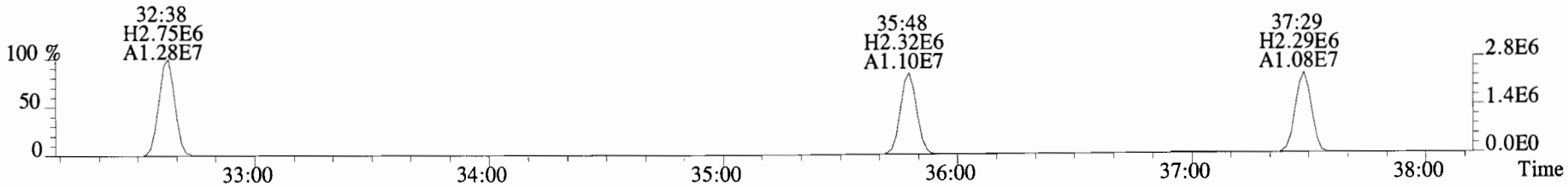
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



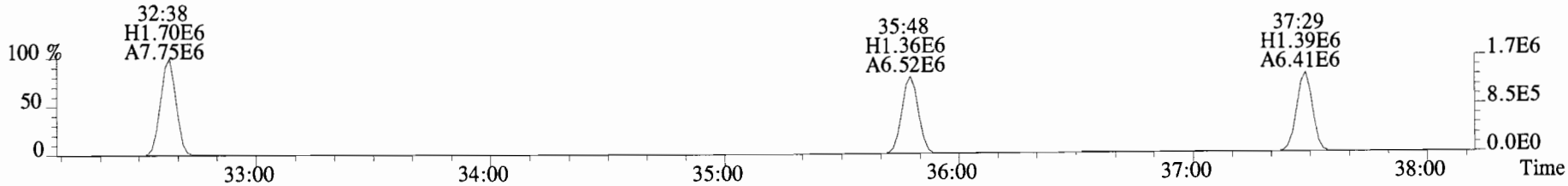
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



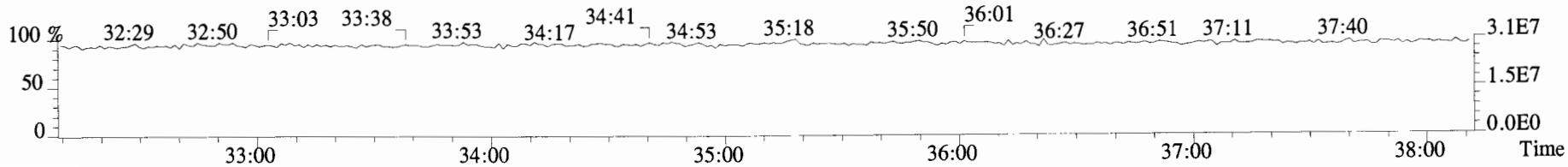
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)

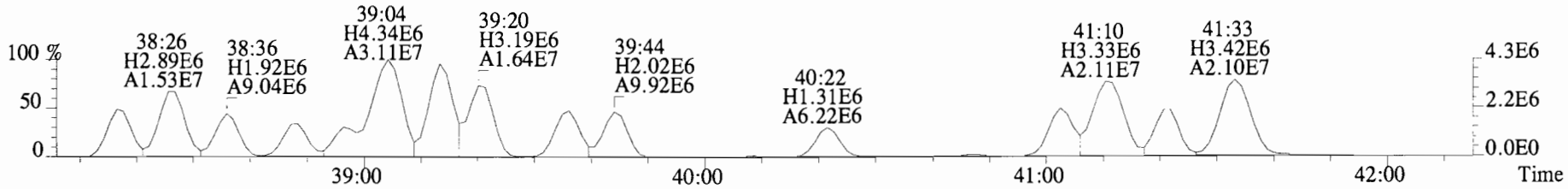


330.9792 S:4 F:3

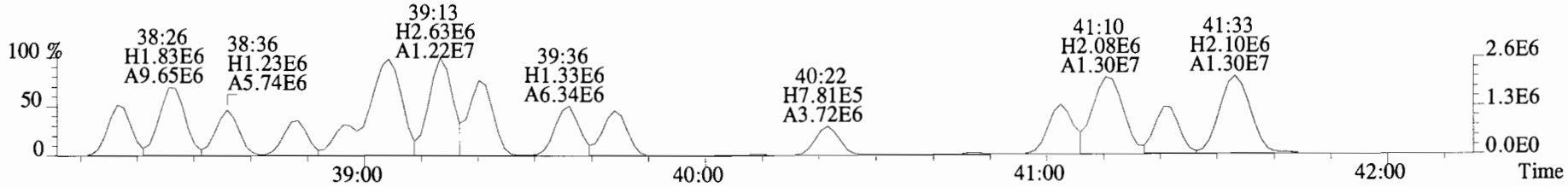


File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1

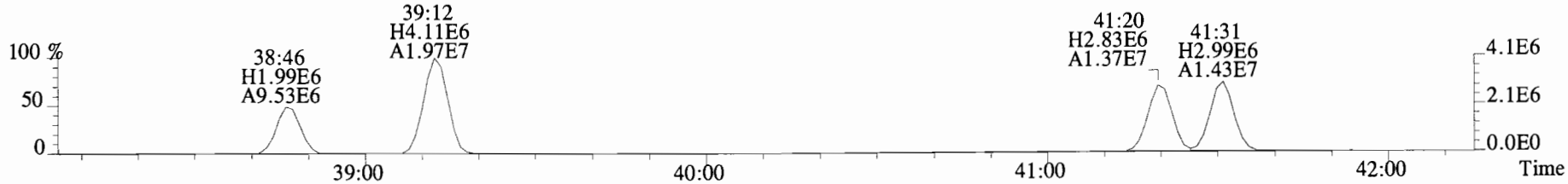
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



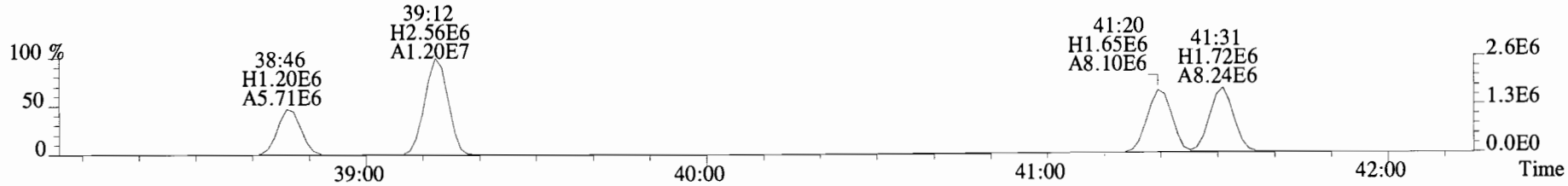
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



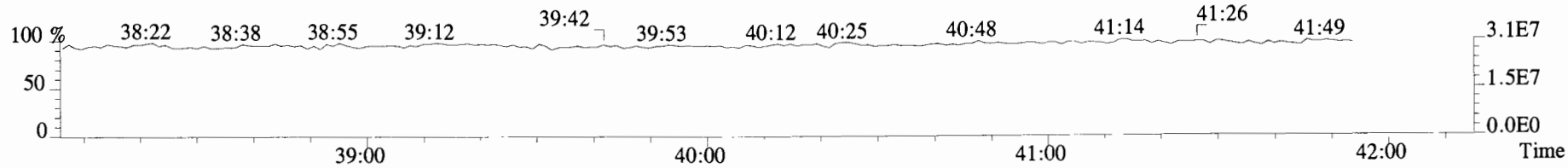
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



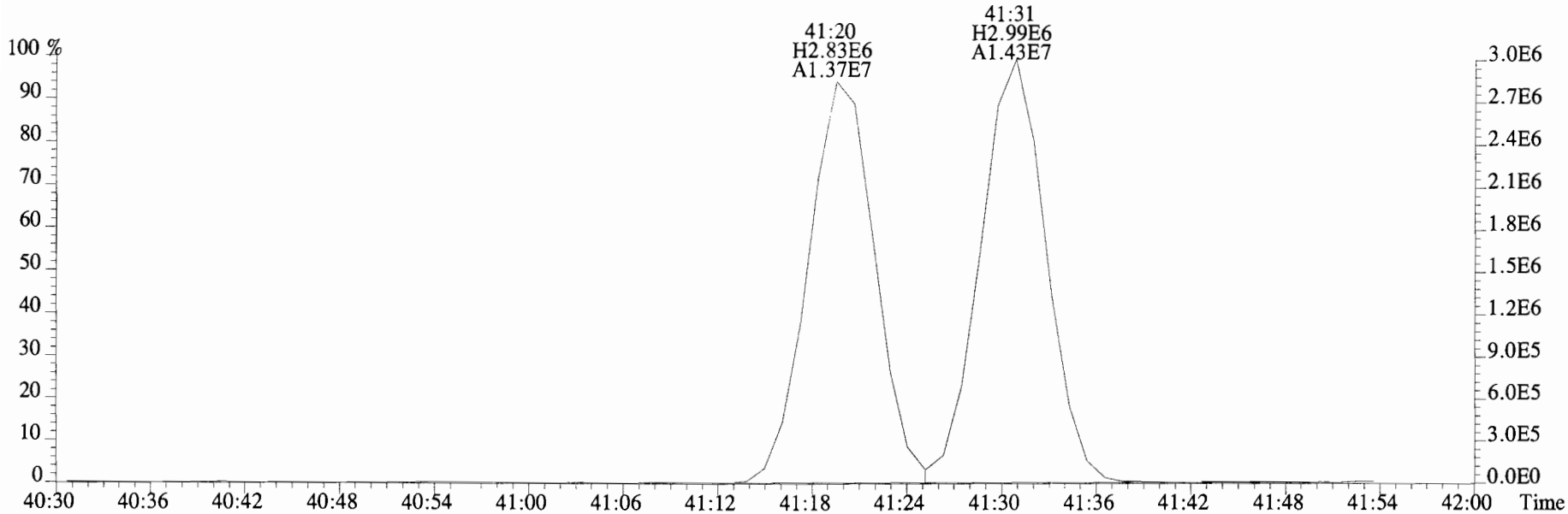
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)



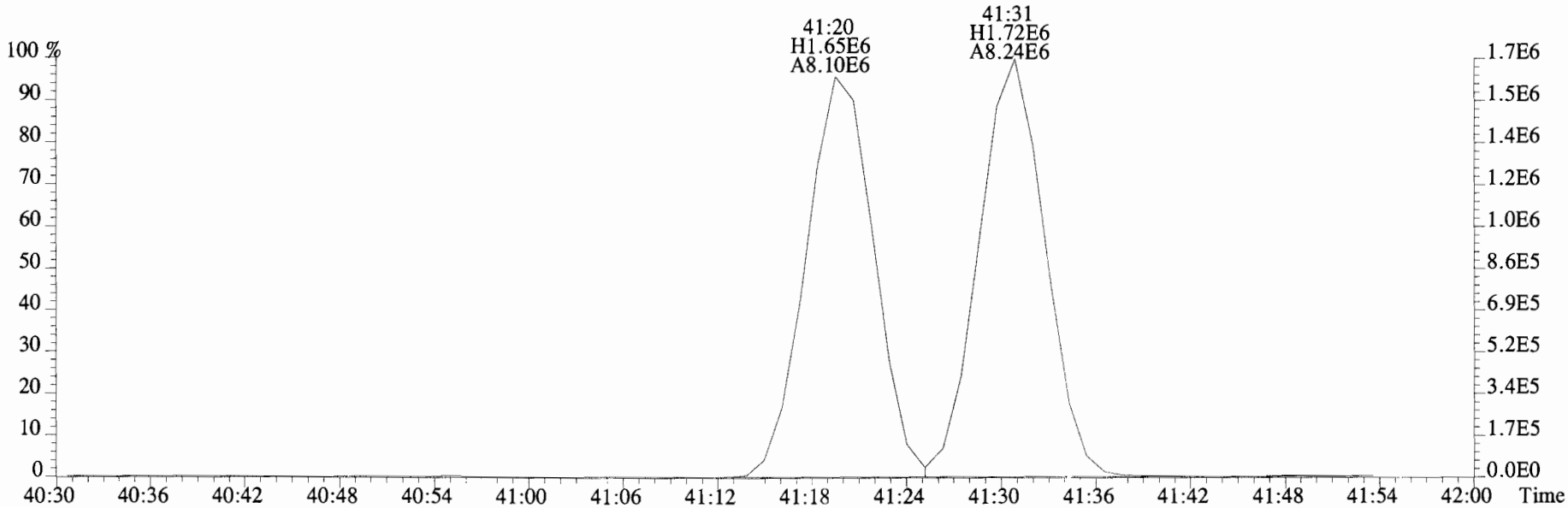
330.9792 S:4 F:3



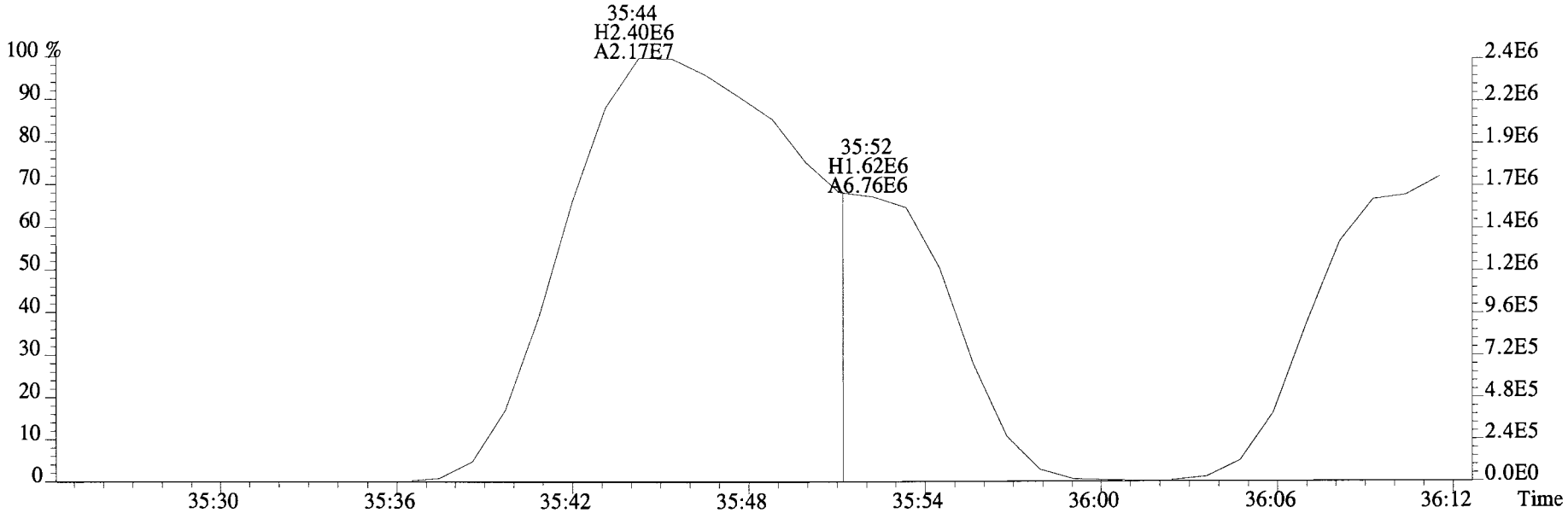
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



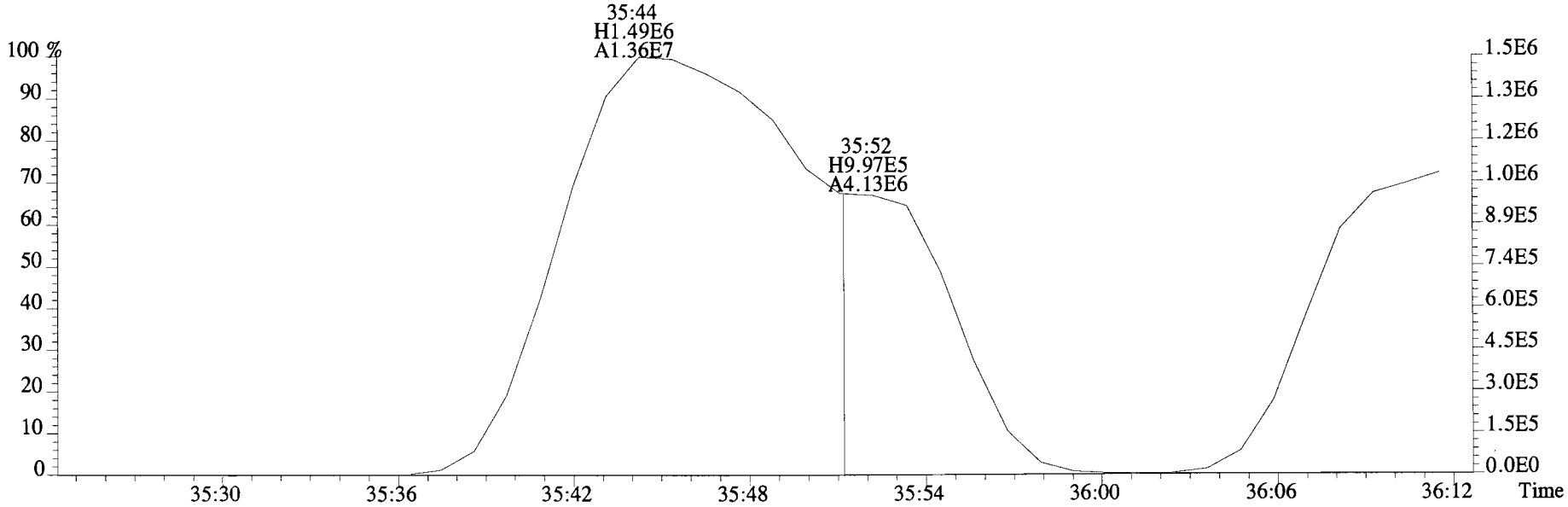
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)



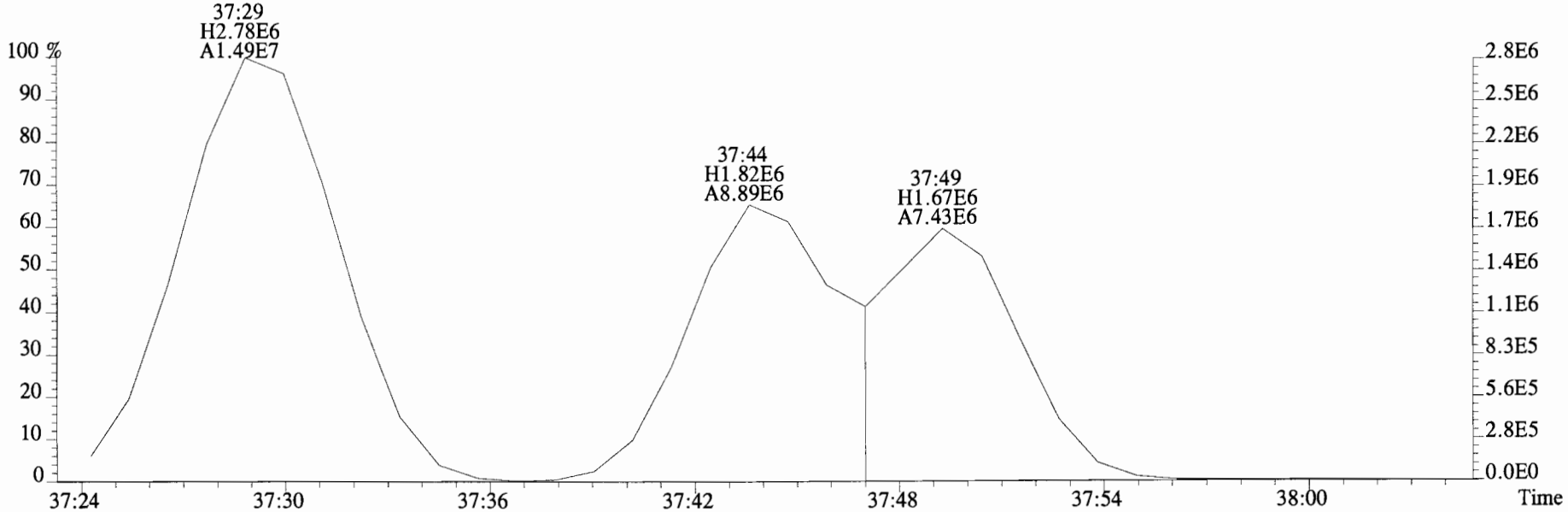
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



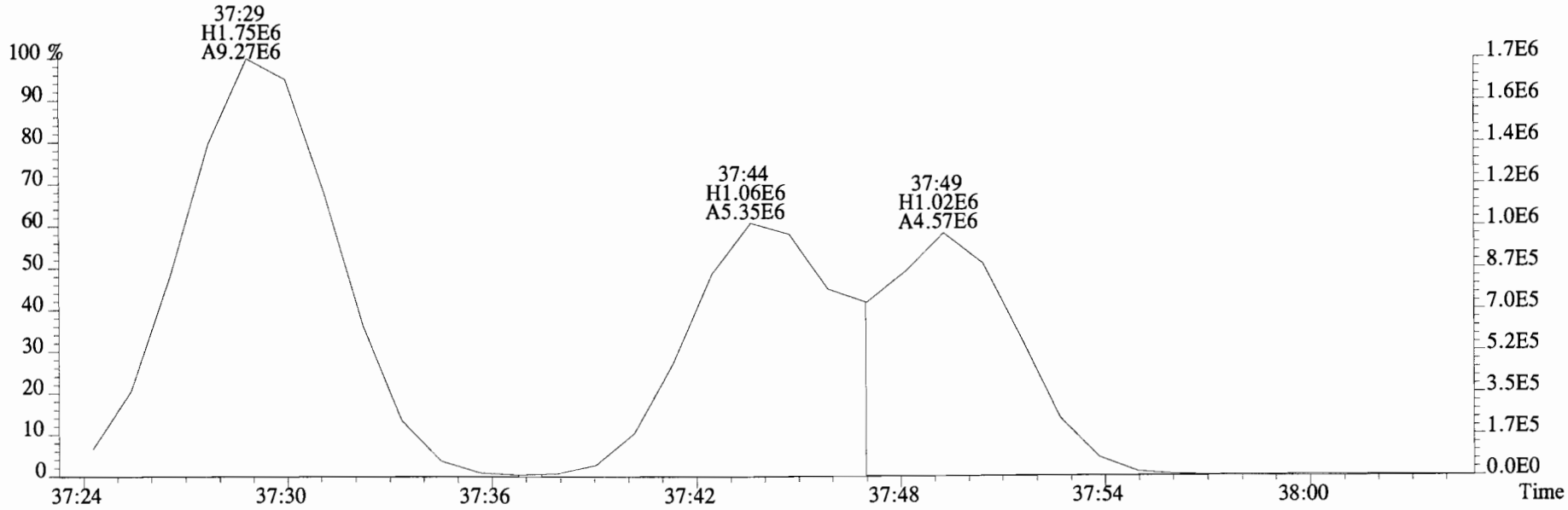
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



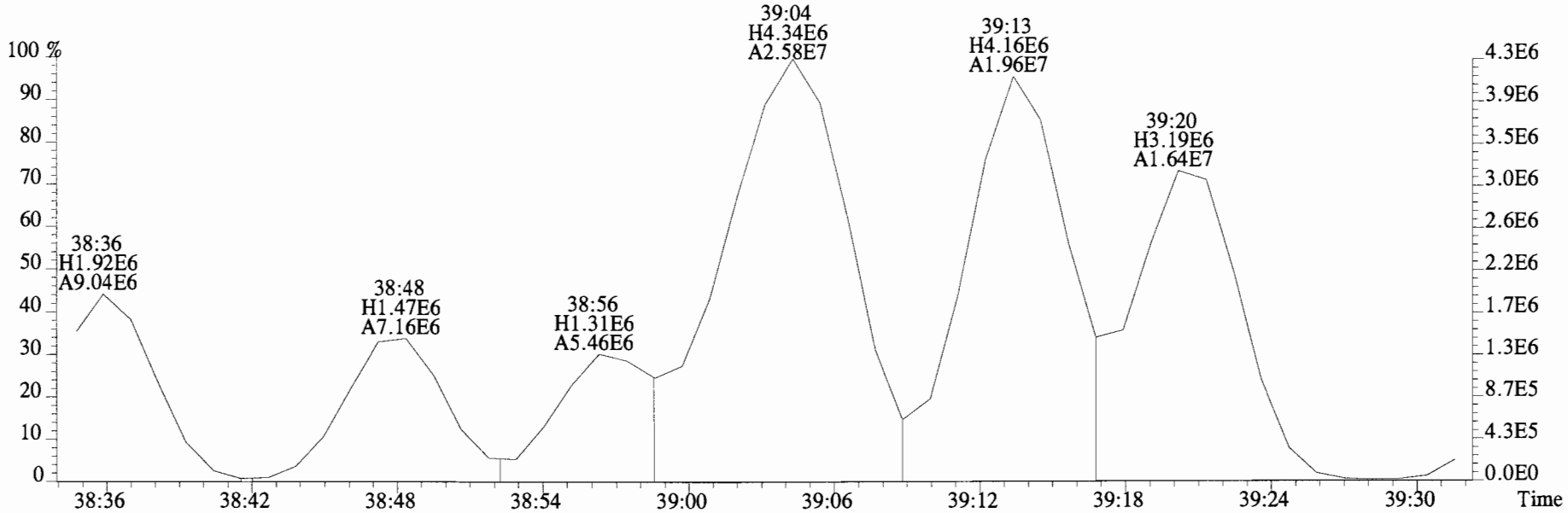
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



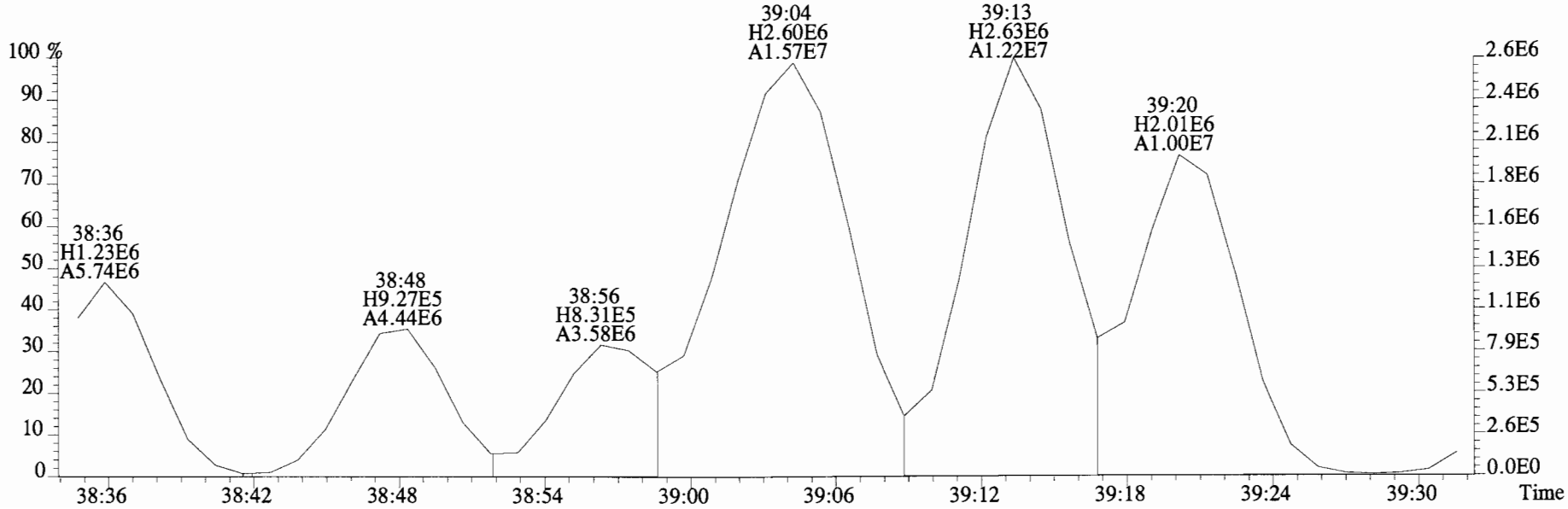
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)

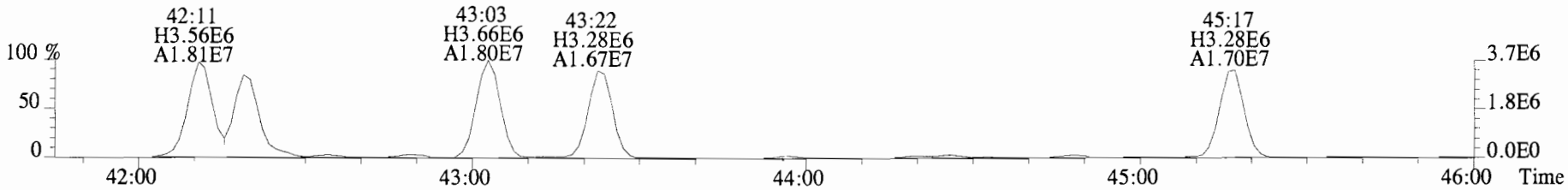


327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)

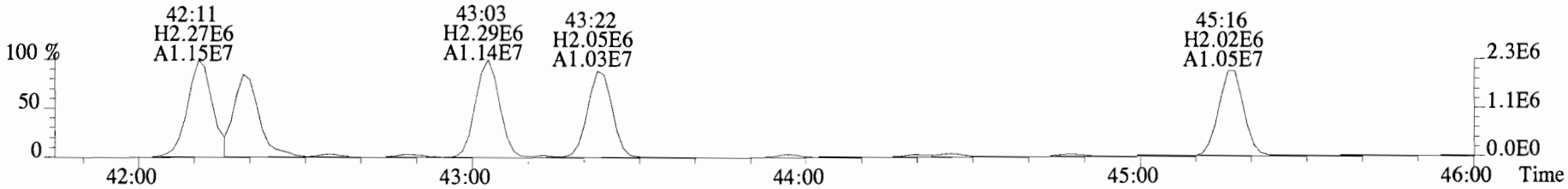


File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1

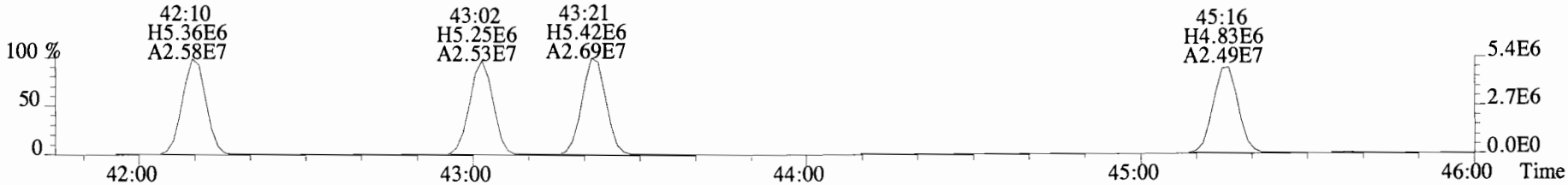
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



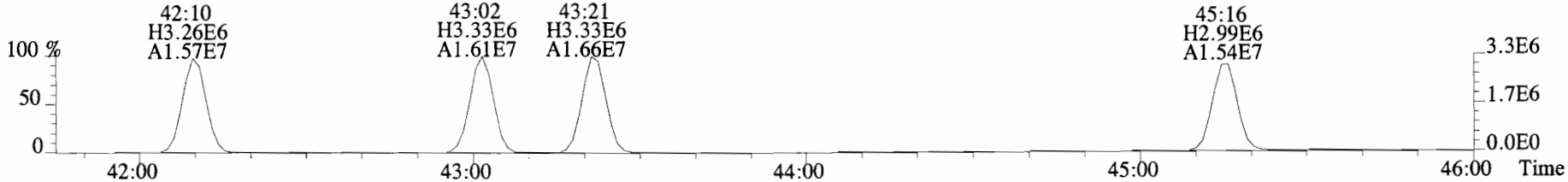
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3108.0,0.00%,F,F)



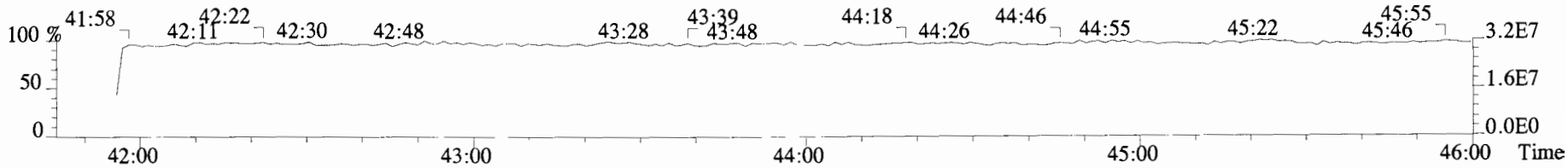
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4308.0,0.00%,F,F)



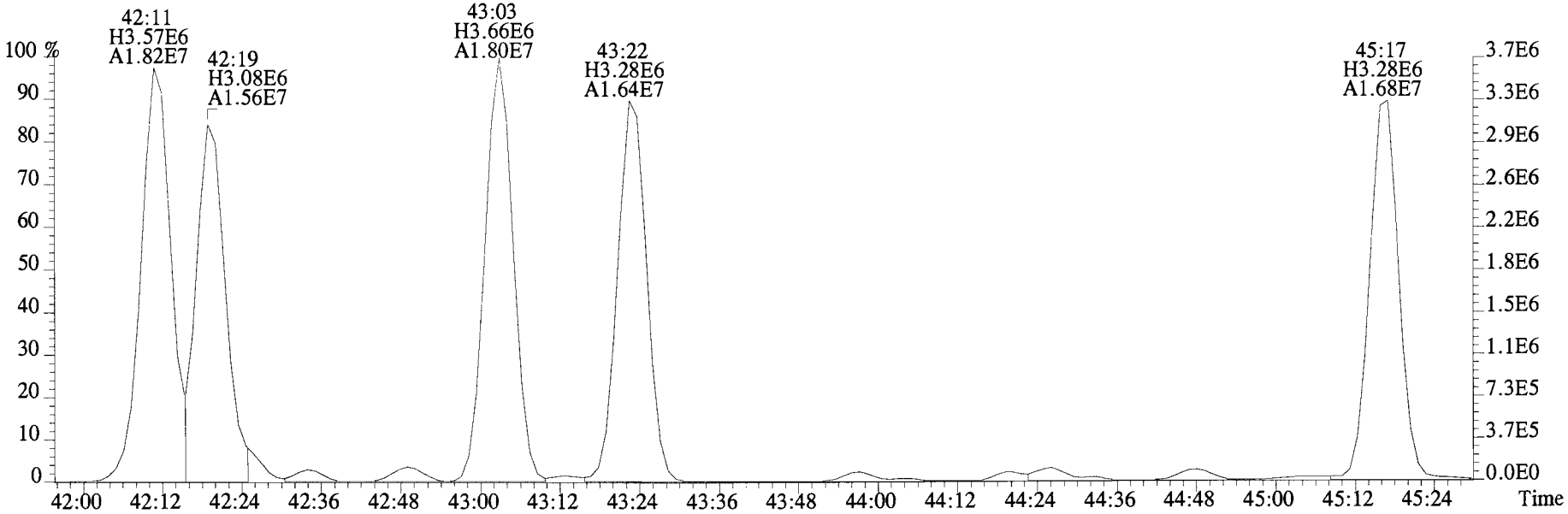
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3036.0,0.00%,F,F)



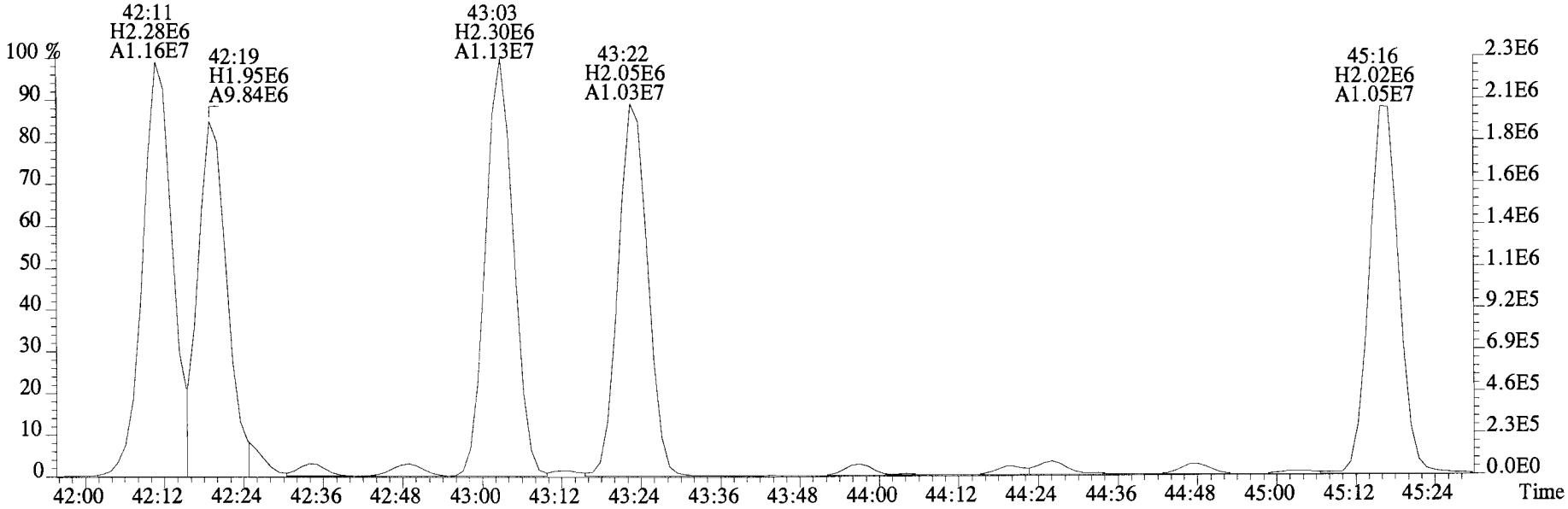
380.9760 S:4 F:4



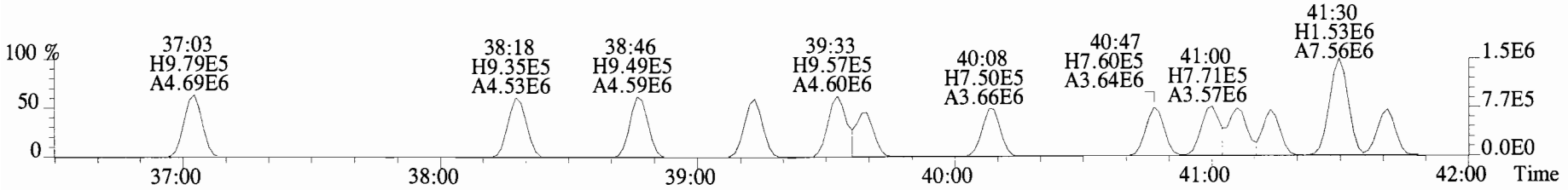
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



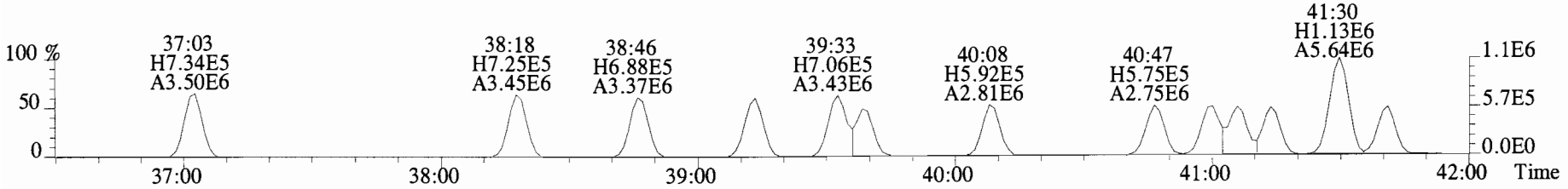
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3108.0,0.00%,F,F)



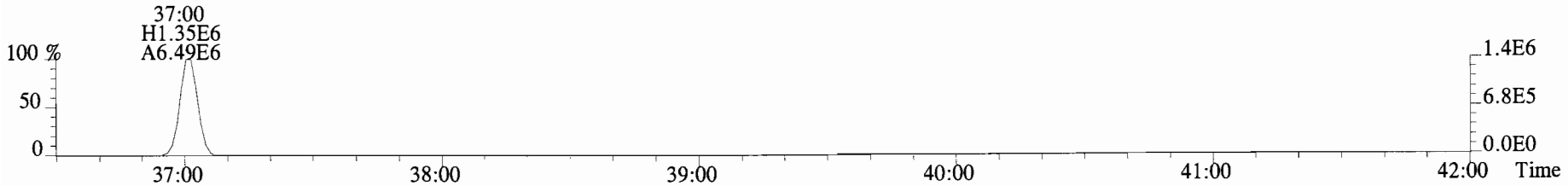
File:171108E2 #1-759 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



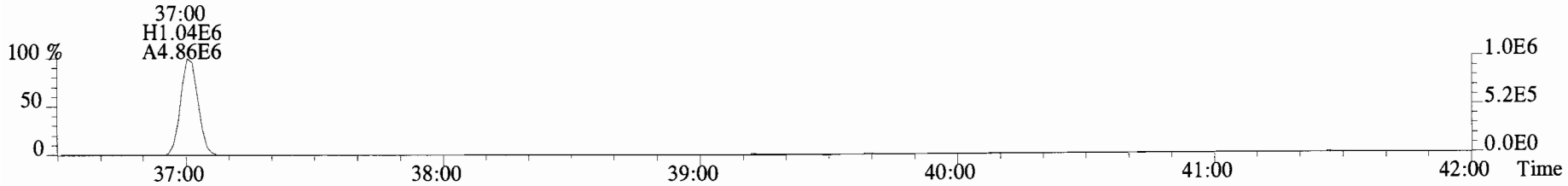
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2200.0,0.00%,F,F)



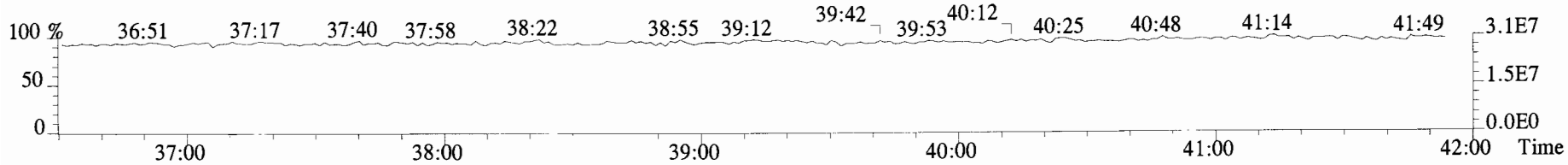
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



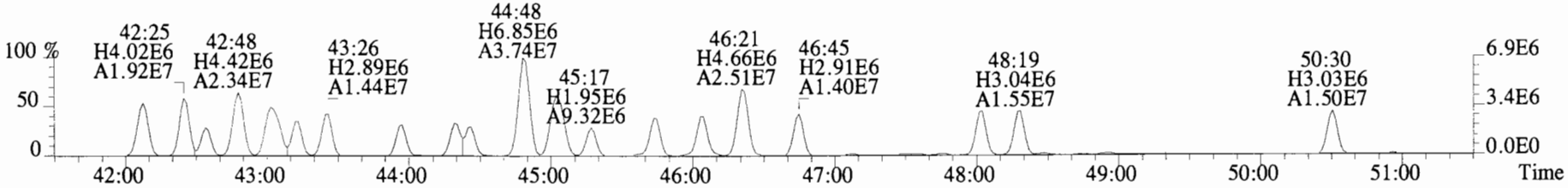
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2124.0,0.00%,F,F)



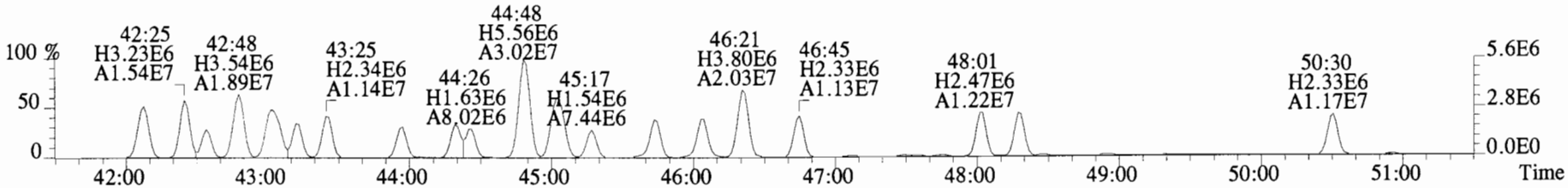
330.9792 S:4 F:3



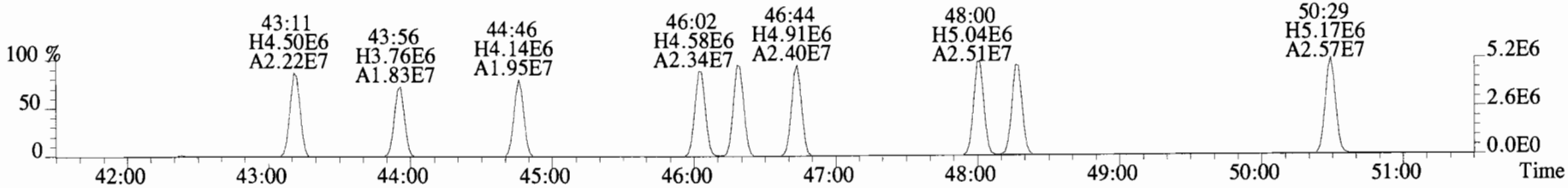
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10600.0,0.00%,F,F)



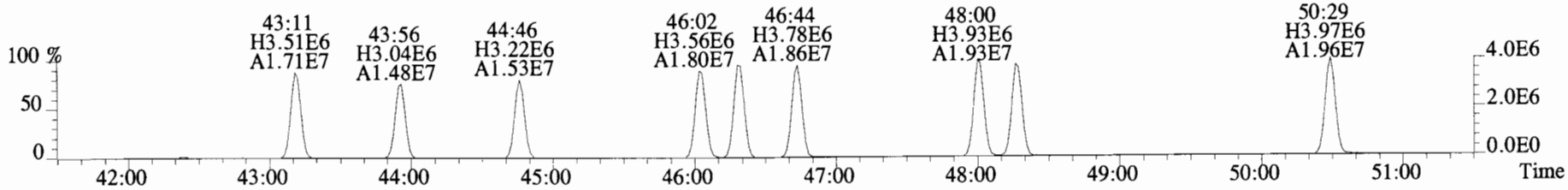
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11236.0,0.00%,F,F)



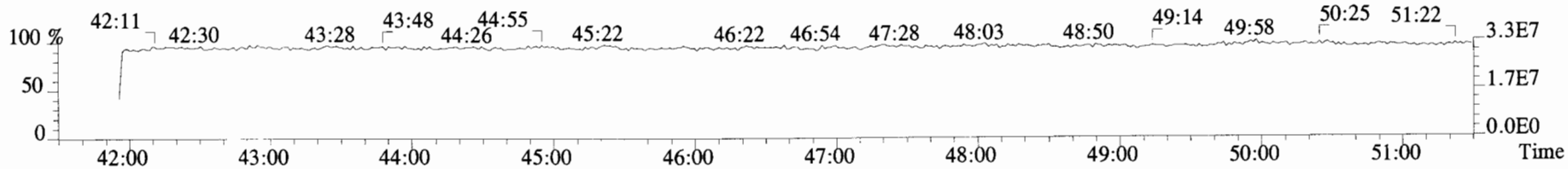
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6508.0,0.00%,F,F)



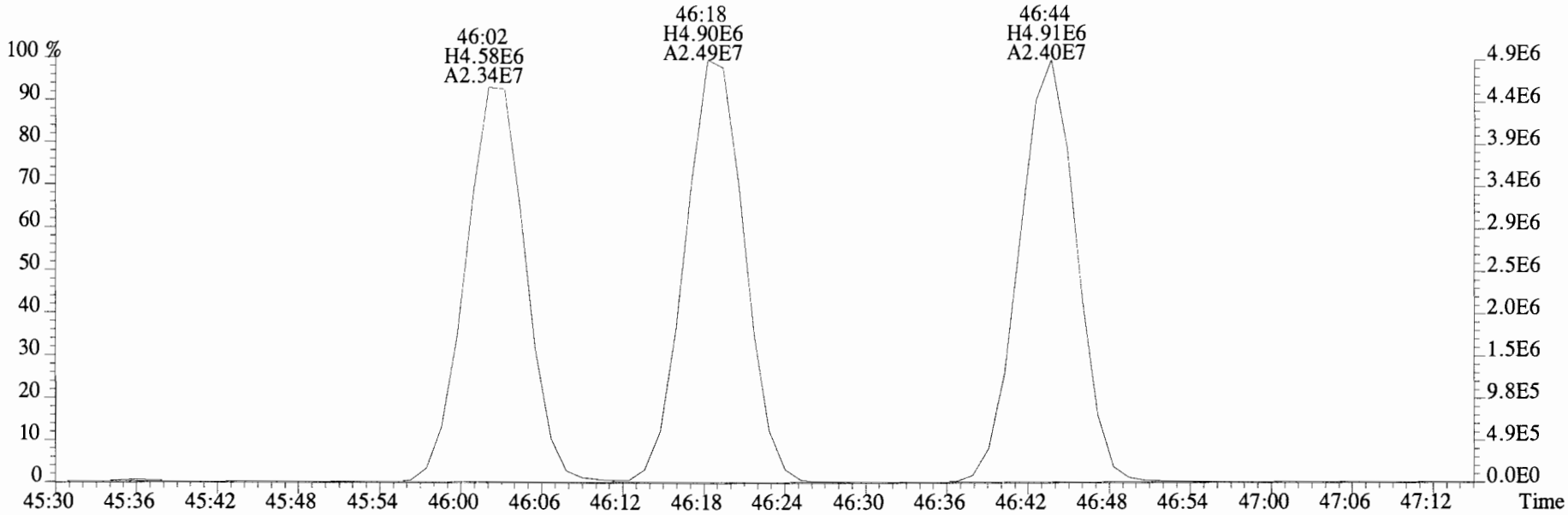
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5176.0,0.00%,F,F)



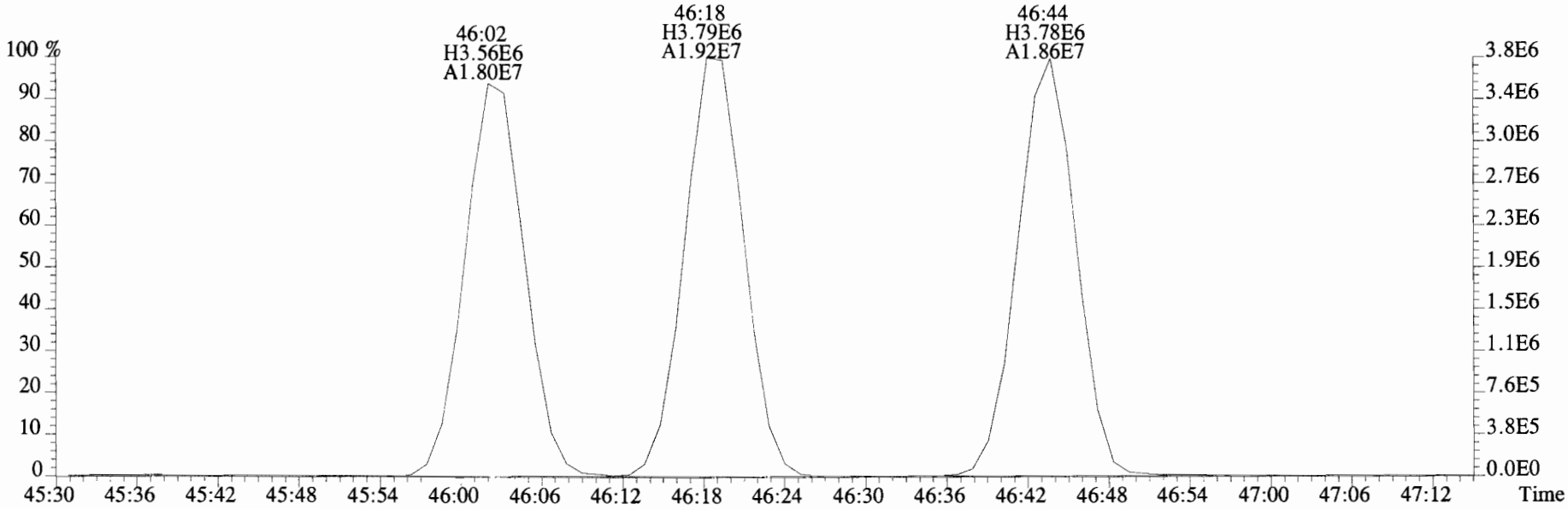
380.9760 S:4 F:4



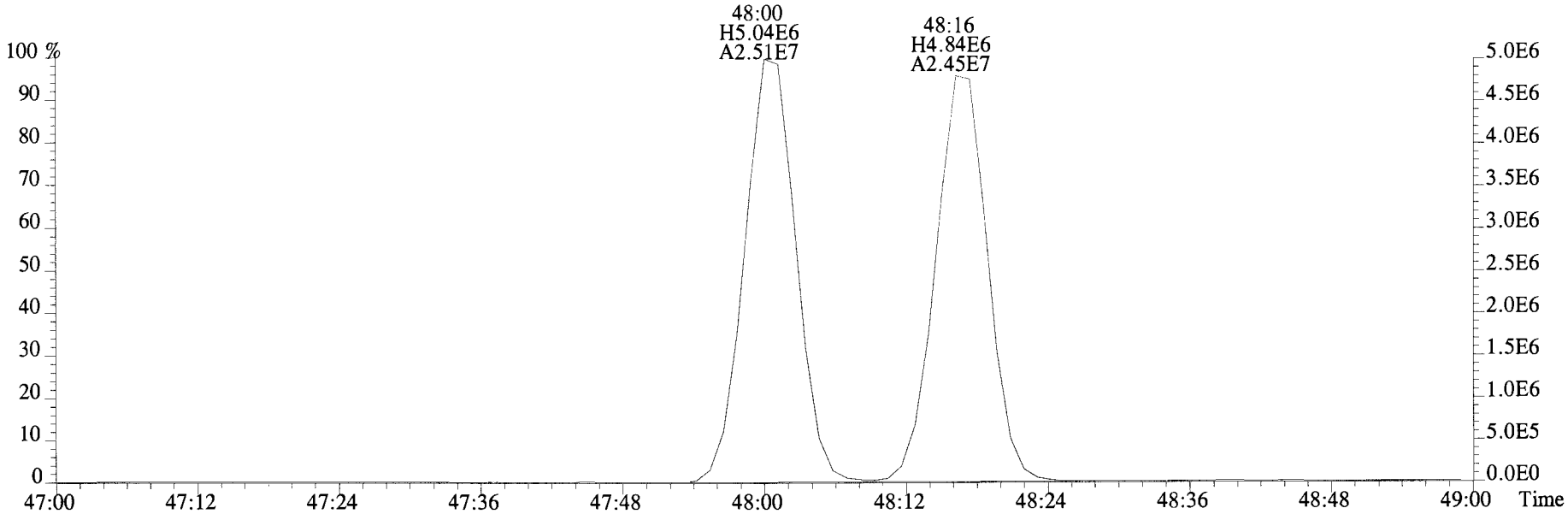
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6508.0,0.00%,F,F)



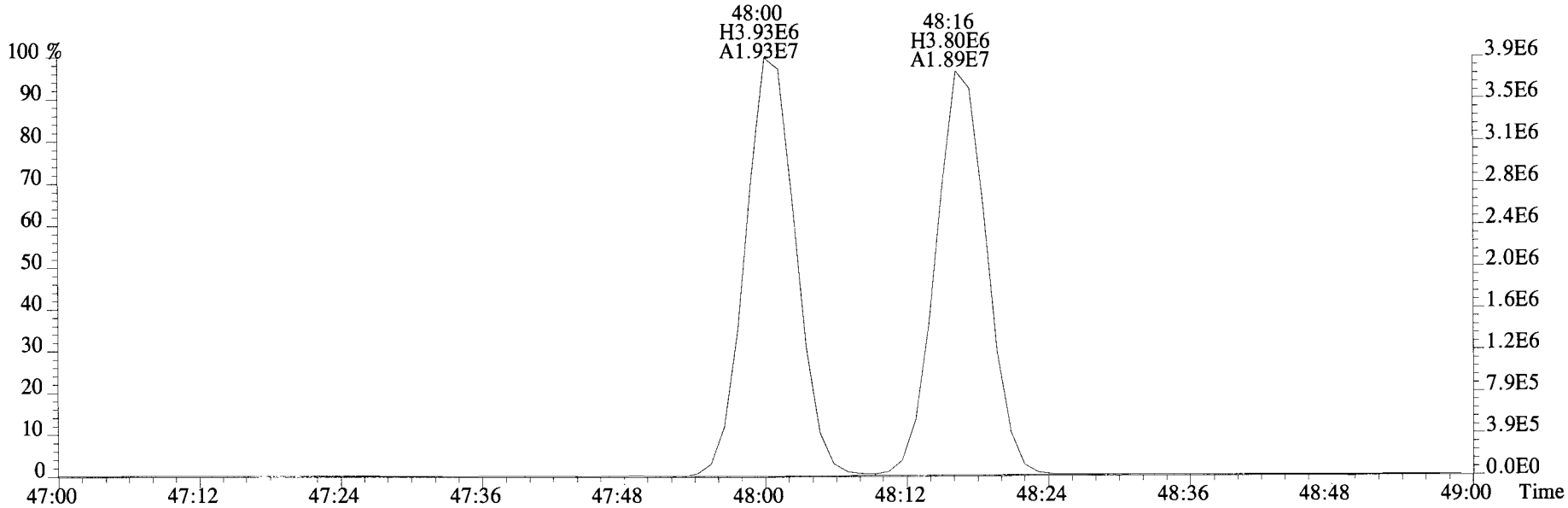
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5176.0,0.00%,F,F)



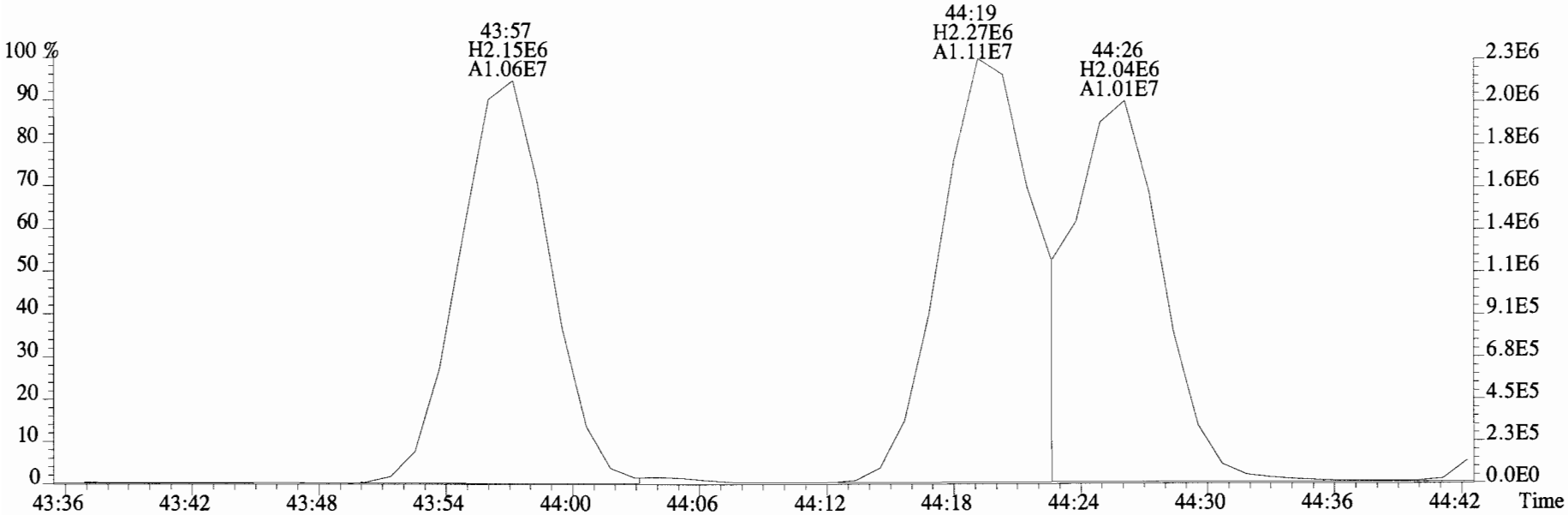
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6508.0,0.00%,F,F)



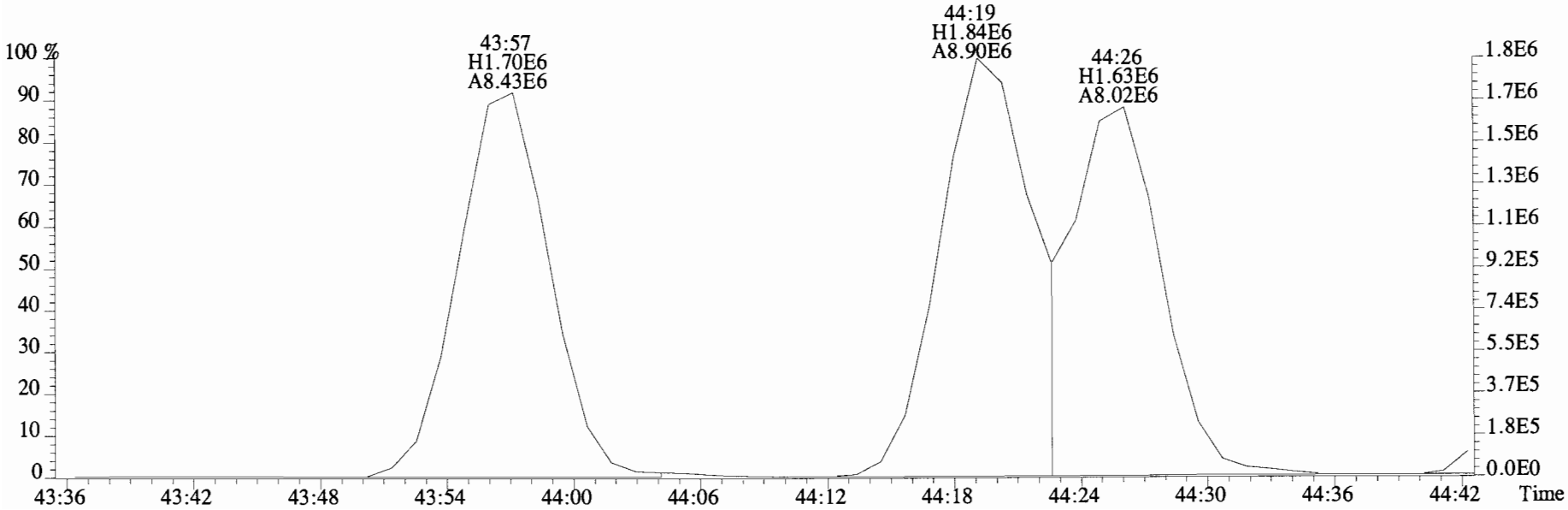
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5176.0,0.00%,F,F)



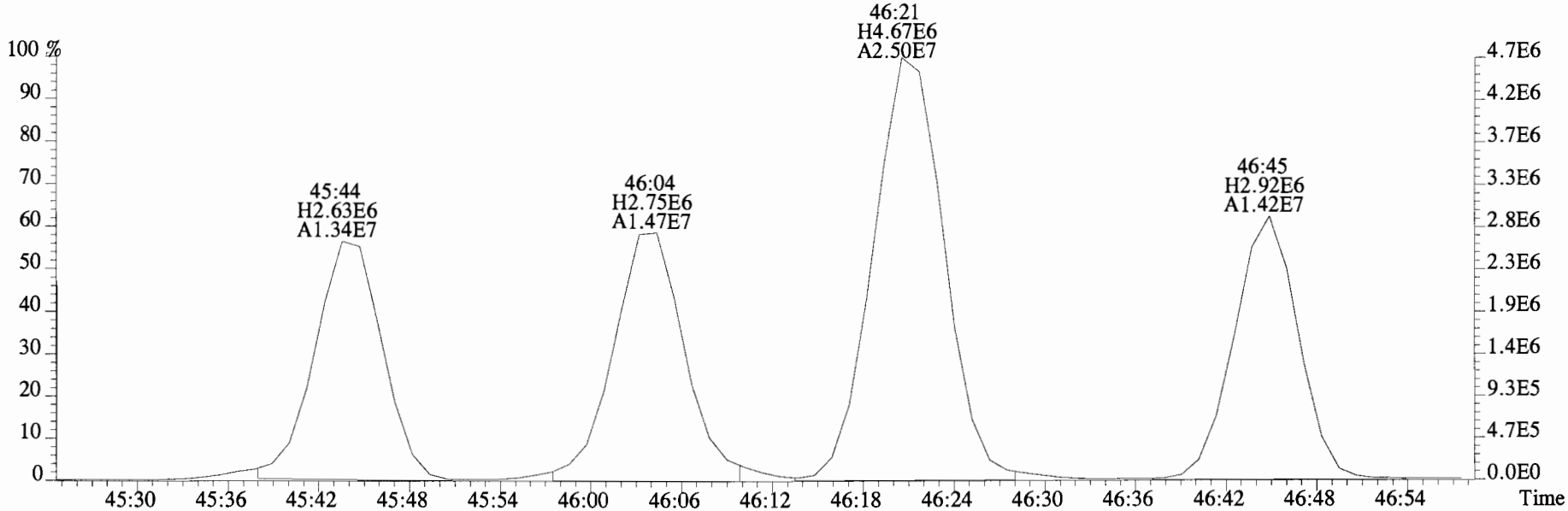
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10600.0,0.00%,F,F)



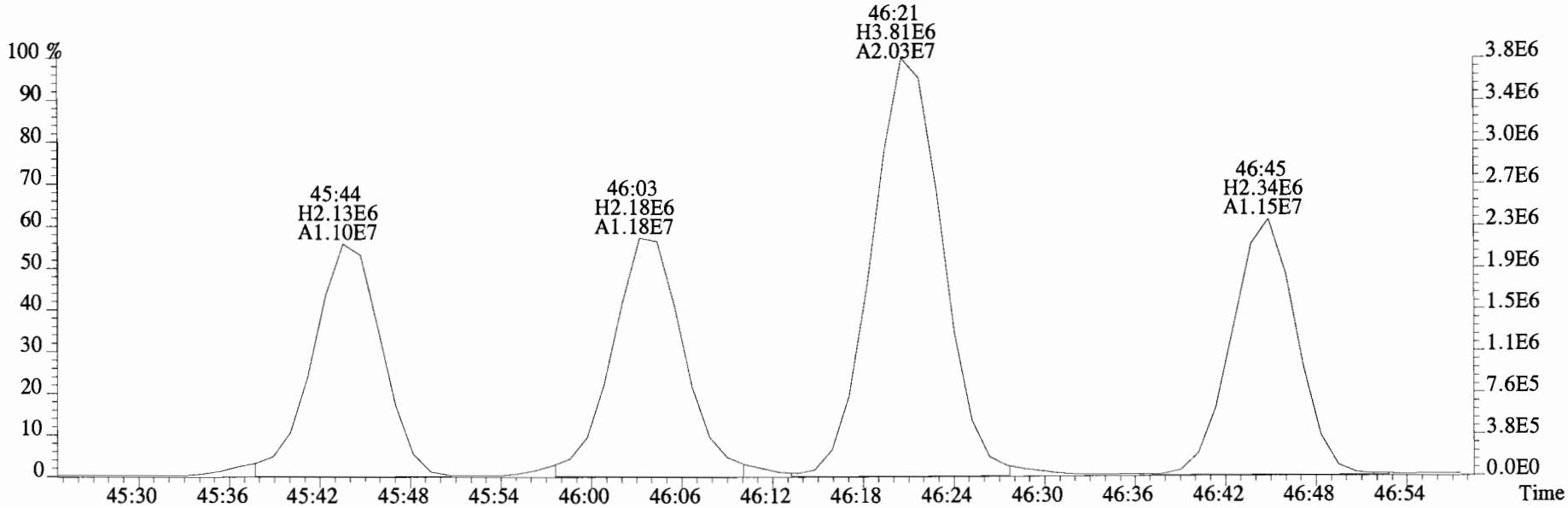
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11236.0,0.00%,F,F)



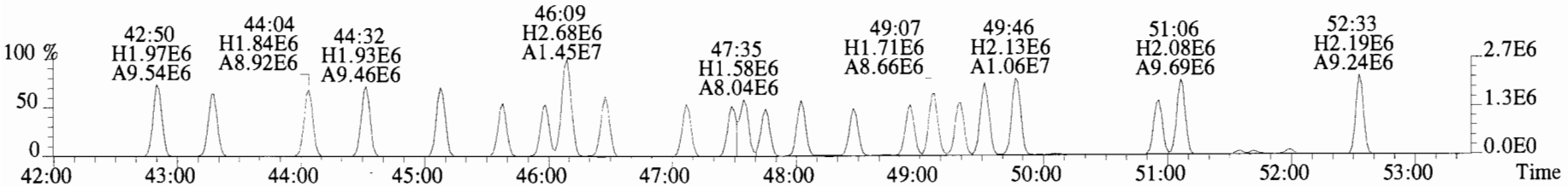
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10600.0,0.00%,F,F)



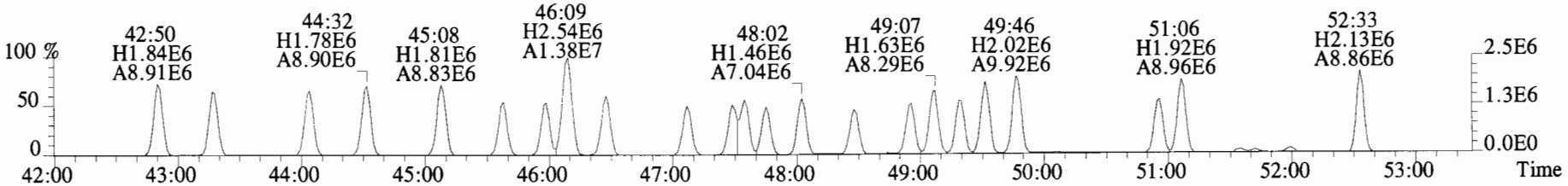
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11236.0,0.00%,F,F)



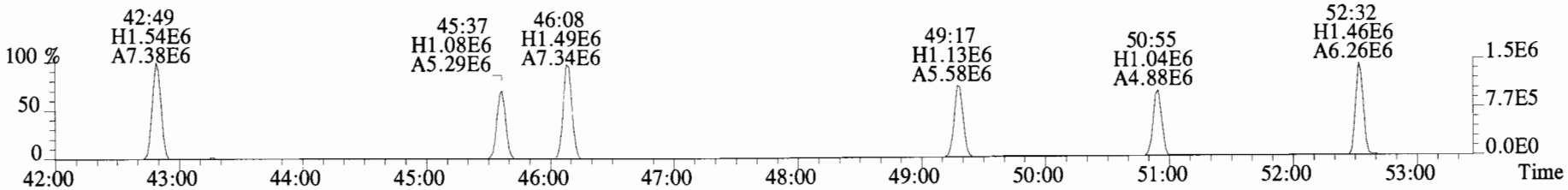
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5760.0,0.00%,F,F)



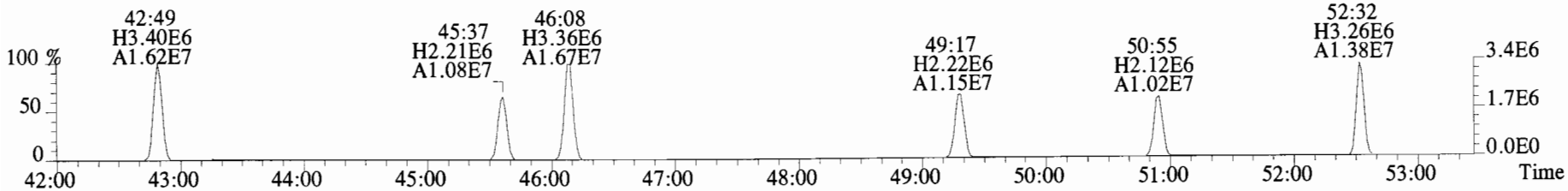
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5292.0,0.00%,F,F)



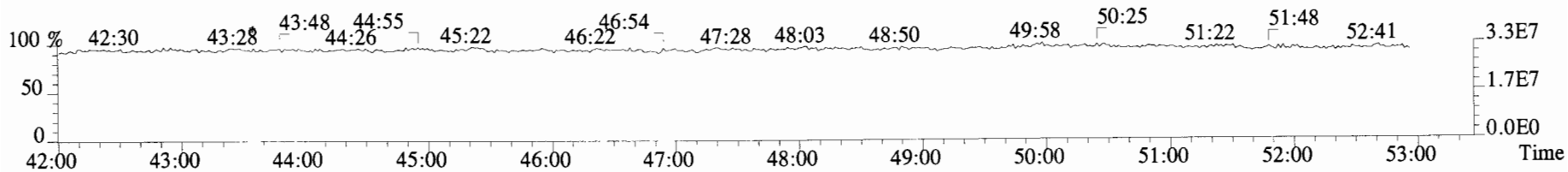
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



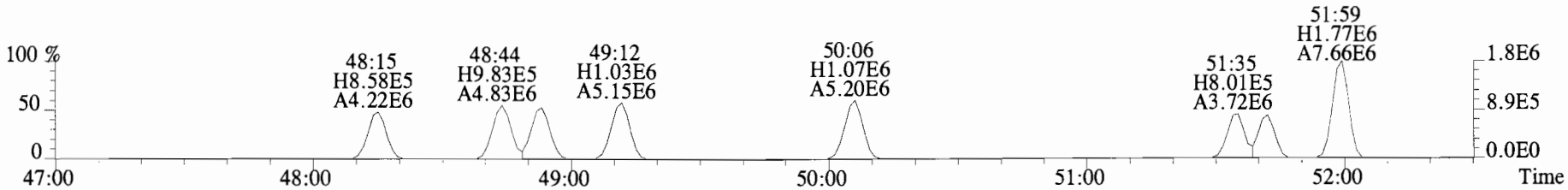
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2460.0,0.00%,F,F)



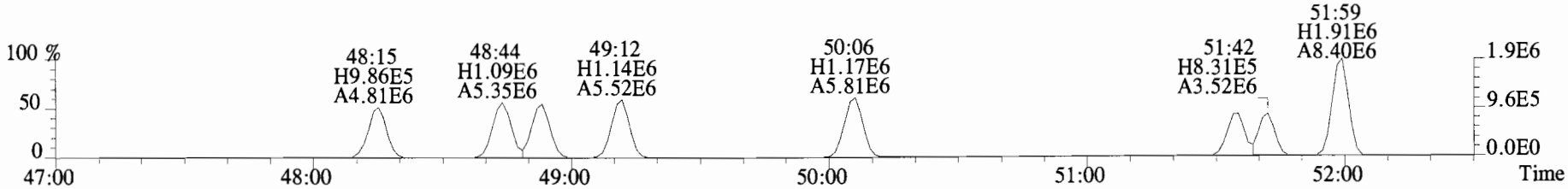
380.9760 S:4 F:4



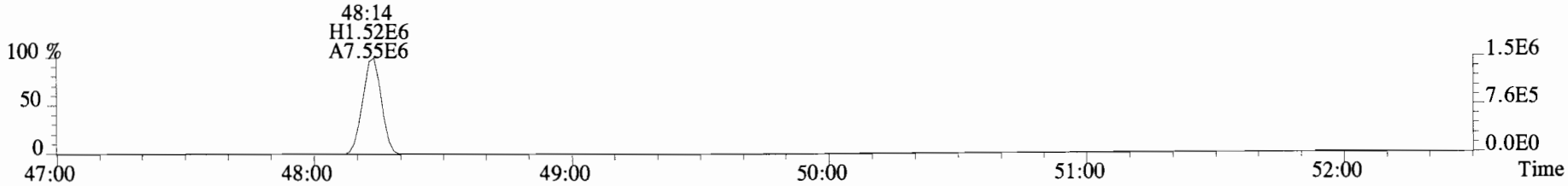
File:171108E2 #1-572 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1600.0,0.00%,F,F)



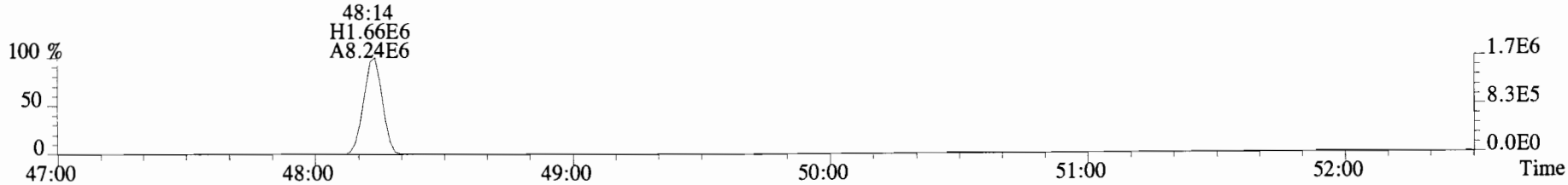
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



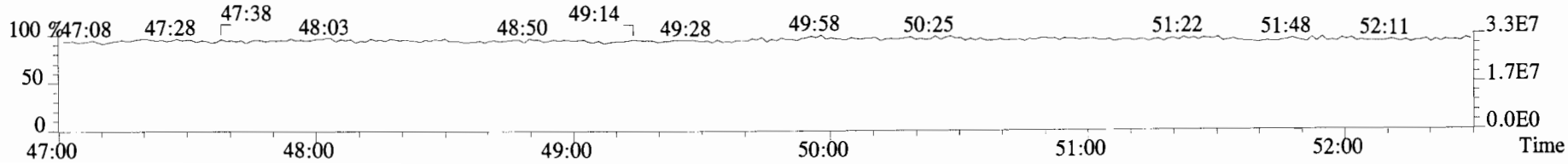
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



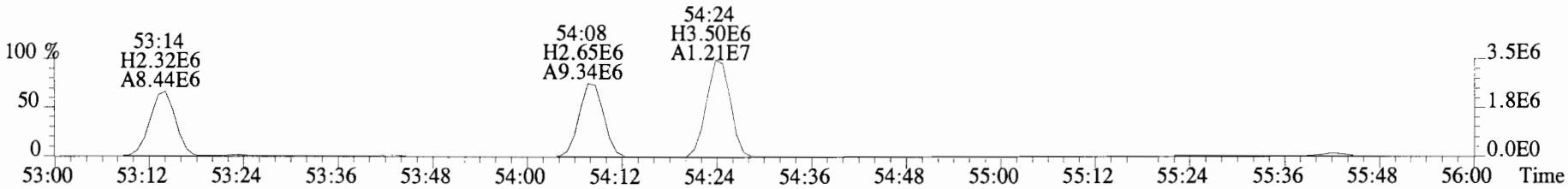
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)



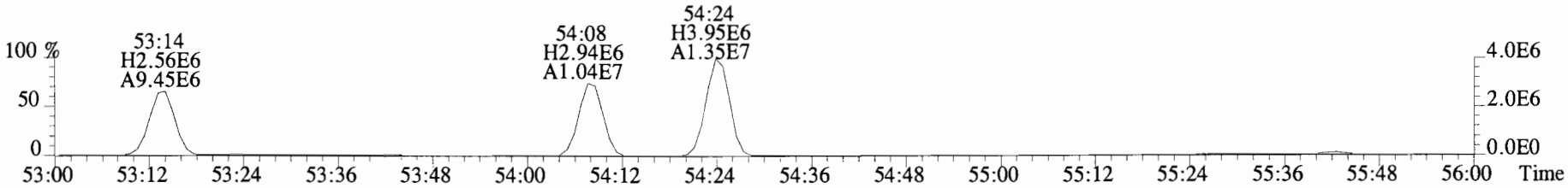
380.9760 S:4 F:4



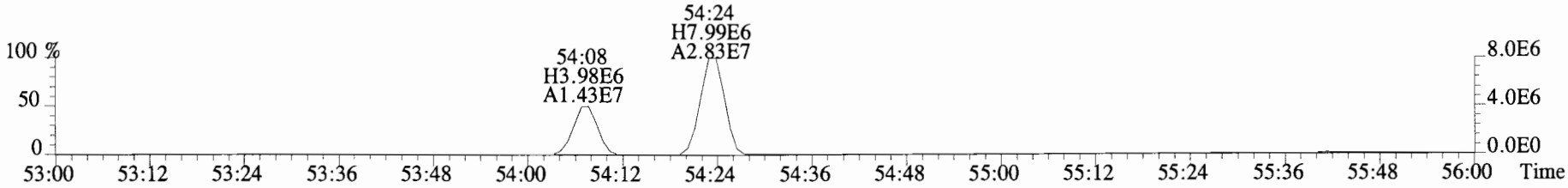
File:171108E2 #1-406 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



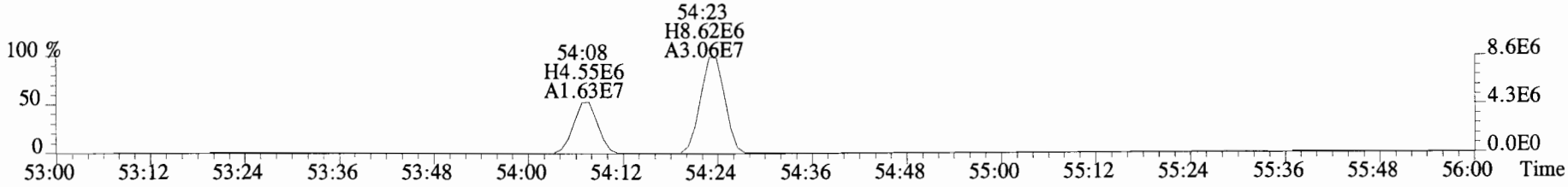
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



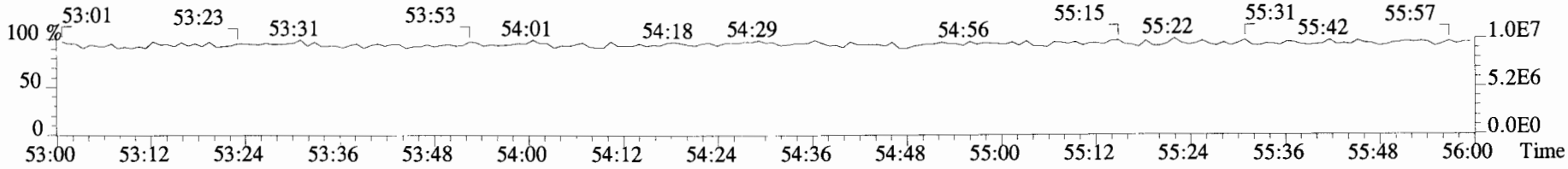
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2812.0,0.00%,F,F)



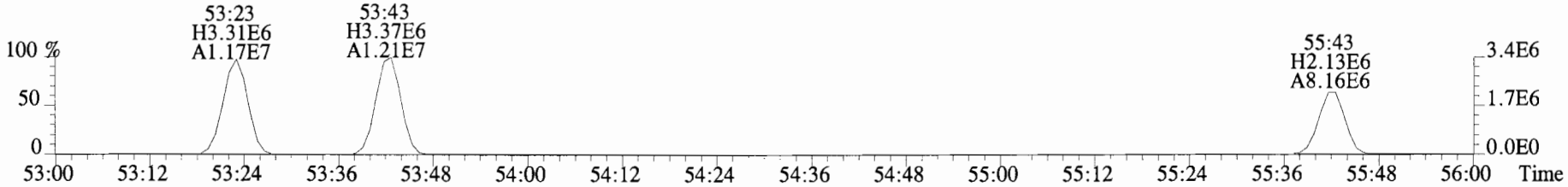
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2104.0,0.00%,F,F)



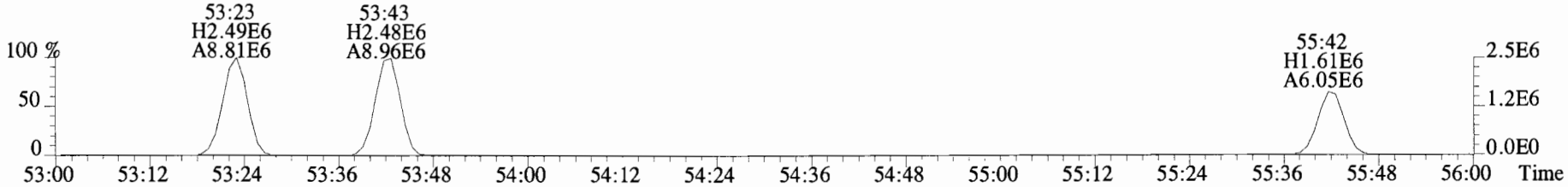
492.9697 S:4 F:5



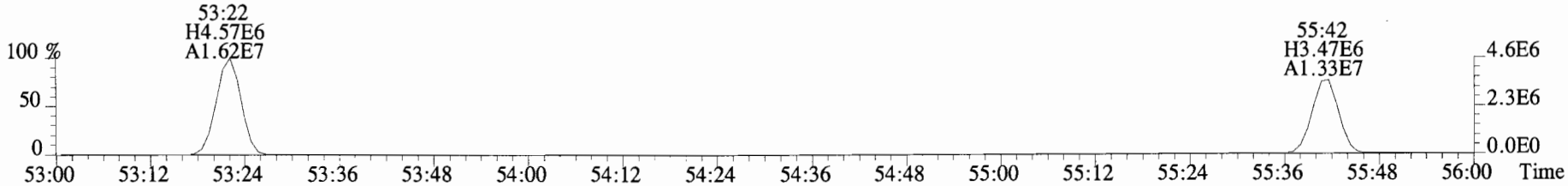
File:171108E2 #1-406 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5068.0,0.00%,F,F)



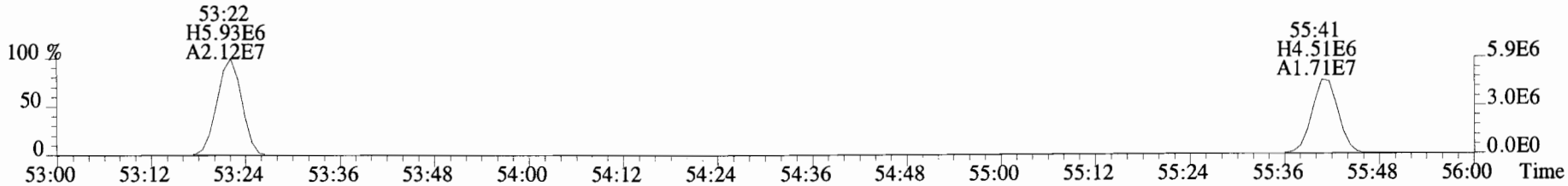
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3268.0,0.00%,F,F)



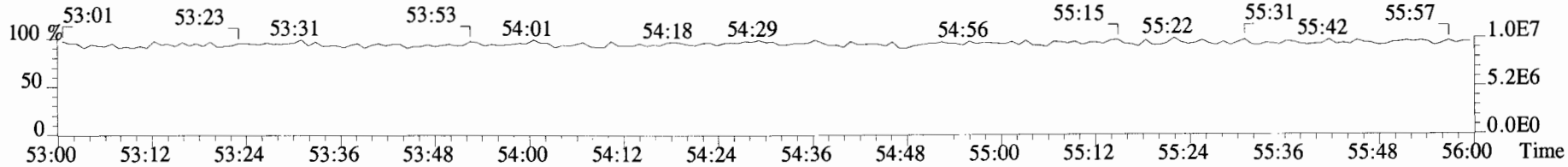
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6500.0,0.00%,F,F)



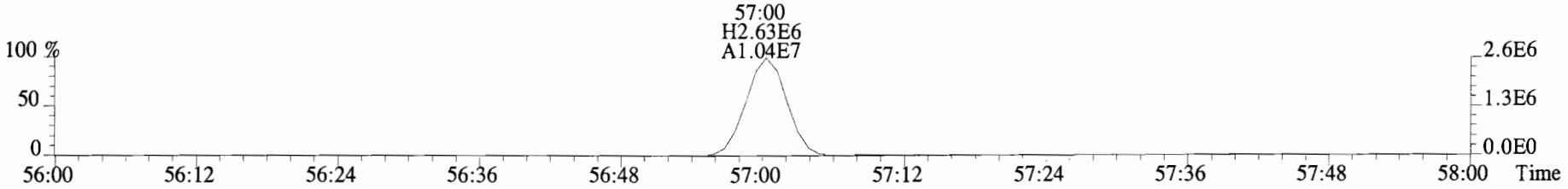
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7736.0,0.00%,F,F)



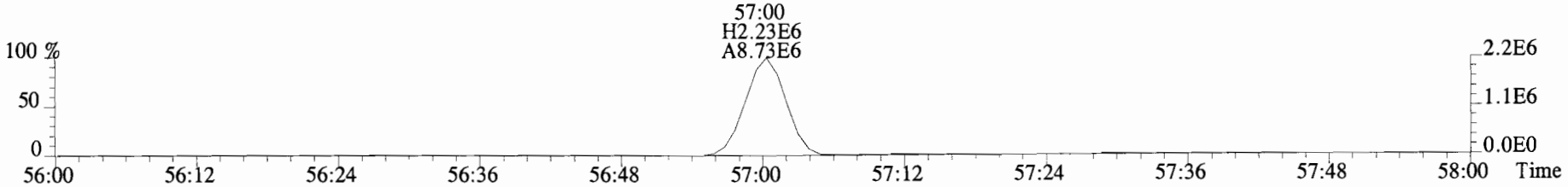
492.9697 S:4 F:5



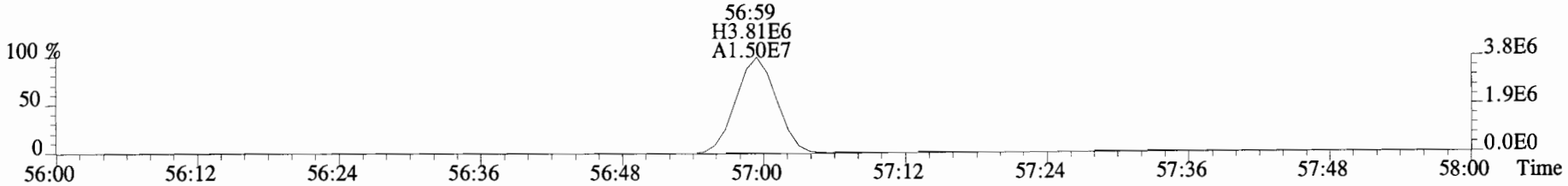
File:171108E2 #1-406 Acq: 8-NOV-2017 16:13:17 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B7K0025-BS1 OPR 1 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1644.0,0.00%,F,F)



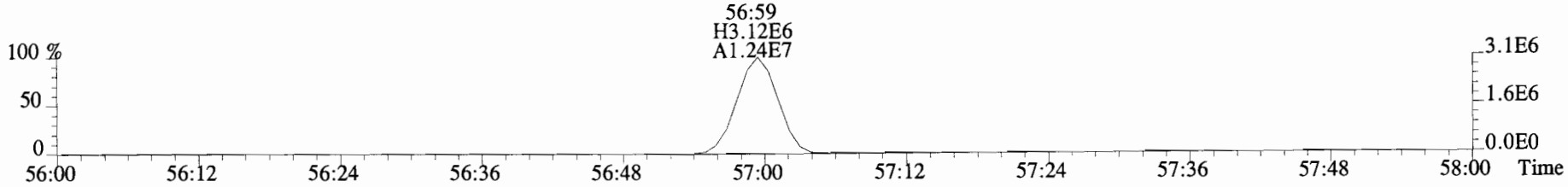
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



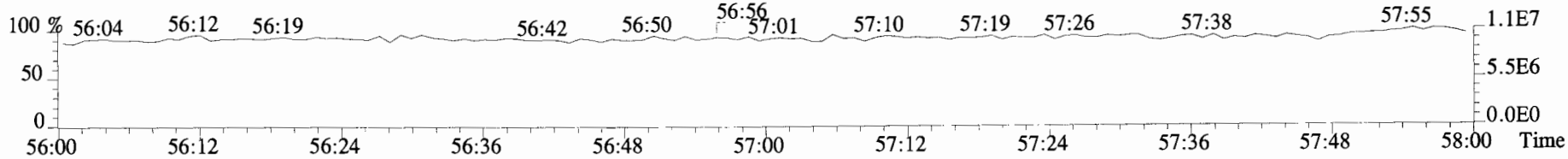
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



492.9697 S:4 F:5



Client ID: HFL-SVDB-T170301124240 Filename: 171108E3 S:7 Acq:9-NOV-17 06:35:34 ✓ ConCal: ST171108E3-1
Lab ID: 1700932-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.976 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	3.19e+06	3.14	y 16:02	1.14	101.4		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	6.54e+04	3.24	y 18:26	1.09	1.976		*	1.0	*	0.988	0.983-0.993
Mono	PCB-3	5.87e+05	3.32	y 18:40	1.10	17.45		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.61e+07	1.61	y 20:03	1.41	501.9		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF┐	1.13	*		23000	1.0	5.43	*	0.864-0.871
Di	PCB-6	6.07e+05	1.46	y 22:29	1.09	16.15		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.38e+06	1.61	y 22:53	1.14	60.57		*	2.5	*	0.909	0.905-0.913
Di	PCB-14	*	*	n NotF┐	1.39	*		1600	2.5	0.777	*	0.948-0.958
Di	PCB-11	5.93e+05	1.73	y 25:12	1.18	13.66		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	5.31e+05	1.59	y 25:33	1.15	12.47		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	3.46e+06	1.67	y 25:53	1.26	74.04		*	2.5	*	1.028	1.023-1.033
Tri	PCB-19	8.62e+06	1.07	y 24:10	1.25	389.6		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF┐	1.94	*		1930	2.5	1.13	*	1.033-1.043
Tri	PCB-18	2.28e+06	1.03	y 25:49	0.95	91.79		*	2.5	*	0.953	0.949-0.959
Tri	PCB-17	1.05e+06	1.04	y 25:59	1.03	39.05		*	2.5	*	0.959	0.955-0.965
Tri	PCB-24/27	5.14e+06	1.07	y 26:33	1.35	145.6		*	2.5	*	0.980	0.976-0.986
Tri	PCB-16/32	2.18e+06	1.10	y 27:06	1.11	75.10		*	2.5	*	1.001	0.995-1.005
Tri	PCB-34	1.69e+05	0.96	y 27:53	1.19	3.962		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF┐	1.24	*		2670	2.5	1.34	*	0.958-0.968
Tri	PCB-29	*	*	n NotF┐	1.26	*		2670	2.5	1.31	*	0.966-0.976
Tri	PCB-26	1.91e+06	1.02	y 28:26	1.23	43.32		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	7.49e+05	1.16	y 28:36	1.15	18.18		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	4.12e+06	1.07	y 28:58	1.32	87.33		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	3.73e+06	1.13	y 29:03	1.25	83.28		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	6.41e+05	1.01	y 29:42	1.20	14.93		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	9.20e+05	0.99	y 30:07	1.20	21.45		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	*	*	n NotF┐	1.24	*		2670	2.5	1.45	*	0.929-0.939
Tri	PCB-39	*	*	n NotF┐	1.32	*		7400	1.0	1.51	*	0.943-0.953
Tri	PCB-38	7.18e+04	0.96	y 31:58	1.18	1.673		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	5.89e+04	0.92	y 32:30	1.20	1.348		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	1.15e+06	1.06	y 32:55	1.33	23.67		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-54	3.08e+05	0.78	y 27:56	1.12	9.662		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	4.69e+04	0.99	n 29:06	0.90	1.831	R	*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	2.22e+06	0.78	y 29:45	1.14	87.32		*	2.5	*	0.945	0.941-0.951
Tetra	PCB-51	6.10e+05	0.77	y 30:06	1.18	23.18		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	8.70e+05	0.76	y 30:31	1.03	38.00		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	3.13e+05	0.80	y 31:00	0.98	14.35		*	2.5	*	0.985	0.981-0.991

Integrations by:

Analyst: MI

Date: 11/30/17

Reviewed by: CT Date: 12/1/17

Client ID: HFL-SVDB-T170301124240 Filename: 171108E3 S:7 Acq:9-NOV-17 06:35:34 ConCal: ST171108E3-1
Lab ID: 1700932-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.976 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	5.13e+06	0.78	y 31:29	1.32	174.0		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	1.61e+05	0.88	y 31:37	1.39	5.220		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	3.32e+06	0.78	y 31:47	1.14	131.0		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	3.08e+06	0.81	y 31:58	1.04	118.0		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-48/75	4.14e+05	0.68	y 32:06	1.31	12.58		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	*	*	n NotF¶	1.23	*		3050	2.5	2.10	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF¶	1.27	*		3050	2.5	2.05	*	1.011-1.021
Tetra	PCB-44	2.36e+06	0.81	y 32:46	0.91	103.6		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	1.34e+06	0.75	y 33:00	1.20	44.56		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	2.76e+06	0.81	y 33:35	1.27	86.39		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	2.91e+05	0.87	y 33:51	1.48	7.863		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	3.95e+05	0.85	y 34:03	0.82	19.23		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	7.05e+04	0.83	y 34:25	1.15	2.028		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	8.87e+04	0.79	y 34:44	1.14	2.555		*	2.5	*	0.979	0.974-0.984
Tetra	PCB-58	*	*	n NotF¶	1.22	*		3050	2.5	1.81	*	0.977-0.987
Tetra	PCB-63	2.54e+05	0.88	y 35:00	1.22	6.858		*	2.5	*	0.986	0.982-0.992
Tetra	PCB-74	1.21e+06	0.74	y 35:17	1.22	32.48		*	2.5	*	0.994	0.990-1.000
Tetra	PCB-61/70	1.99e+06	0.74	y 35:30	1.16	56.43		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	2.57e+06	0.79	y 35:42	1.20	70.80		*	2.5	*	1.006	1.001-1.011
Tetra	PCB-80	*	*	n NotF¶	1.38	*		3050	2.5	1.60	*	0.995-1.005
Tetra	PCB-55	*	*	n NotF¶	1.26	*		5200	1.0	1.20	*	1.004-1.014
Tetra	PCB-56/60	1.51e+06	0.82	y 36:44	1.16	42.10		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	*	*	n NotF¶	1.24	*		3050	2.5	1.78	*	1.047-1.057
Tetra	PCB-78	*	*	n NotF¶	1.13	*		3050	2.5	2.00	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF¶	1.27	*		3050	2.5	1.79	*	0.995-1.005
Tetra	PCB-77	2.59e+05	0.94	n 39:36	1.32	6.683	R	*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotF¶	1.37	*		1550	2.5	2.47	*	0.996-1.006
Penta	PCB-96	5.36e+04	1.64	y 33:53	1.18	3.242		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	5.09e+04	1.56	y 34:26	1.12	3.251		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	3.10e+04	0.84	n 34:48	1.10	2.026	R	*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	7.44e+04	1.40	y 35:16	1.16	5.723		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	9.42e+05	1.76	y 35:48	1.31	64.15		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF¶	1.08	*		1550	2.5	3.95	*	0.997-1.007
Penta	PCB-88/91	2.50e+05	1.73	y 36:12	1.20	18.63		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF¶	1.85	*		1550	2.5	2.31	*	1.009-1.019
Penta	PCB-84/92	5.52e+05	1.60	y 37:06	1.22	41.32		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	*	*	n NotF¶	1.18	*		1550	2.5	3.68	*	0.990-1.000

Analyst: [illegible]

Date: 11/30/17

Client ID: HFL-SVDB-T170301124240 Filename: 171108E3 S:7 Acq:9-NOV-17 06:35:34 ConCal: ST171108E3-1

Lab ID: 1700932-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.976 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	7.70e+05	1.65	y	37:29	1.38	50.77		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	*	*	n	NotF╗	1.52	*		1550	2.5	2.87	*	1.002-1.012
Penta	PCB-99	4.65e+05	1.58	y	37:48	1.48	28.67		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	4.77e+04	1.02	n	38:16	2.12	2.349	R	*	2.5	*	0.988	0.982-0.992
Penta	PCB-108/112	1.08e+05	1.71	y	38:26	1.59	7.079		*	2.5	*	0.992	0.986-0.996
Penta	PCB-83	*	*	n	NotF╗	1.90	*		1550	2.5	2.85	*	0.991-1.001
Penta	PCB-97	2.33e+05	1.74	y	38:46	1.50	16.20		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n	NotF╗	1.19	*		1550	2.5	4.54	*	0.999-1.009
Penta	PCB-87/117/125	3.29e+05	1.63	y	39:03	1.76	19.45		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	*	*	n	NotF╗	2.09	*		1550	2.5	2.59	*	1.007-1.017
Penta	PCB-85/116	1.67e+05	1.46	y	39:19	1.53	11.38		*	2.5	*	1.015	1.010-1.020
Penta	PCB-120	*	*	n	NotF╗	2.19	*		1550	2.5	2.47	*	1.016-1.026
Penta	PCB-110	1.23e+06	1.66	y	39:43	1.87	68.87		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	1.11e+05	1.54	y	40:21	0.88	9.071		*	2.5	*	0.977	0.971-0.981
Penta	PCB-124	*	*	n	NotF╗	1.46	*		2240	1.0	1.47	*	0.988-0.998
Penta	PCB-107/109	6.85e+04	1.74	y	41:11	1.47	3.335		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	*	*	n	NotF╗	1.48	*		1550	2.5	2.51	*	0.996-1.006
Penta	PCB-106/118	7.93e+05	1.73	y	41:31	1.45	38.26		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	4.91e+04	1.24	n	42:11	1.39	1.215	R	*	2.5	*	1.001	0.995-1.005
Penta	PCB-122	*	*	n	NotF╗	1.21	*		1770	2.5	1.66	*	0.999-1.009
Penta	PCB-105	7.27e+05	1.49	y	43:02	1.44	18.05		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n	NotF╗	1.19	*		1770	2.5	1.59	*	0.995-1.005
Penta	PCB-126	*	*	n	NotF╗	1.33	*		1770	2.5	1.57	*	0.995-1.005
Hexa	PCB-155	*	*	n	NotF╗	1.42	*		996	2.5	2.49	*	0.966-1.006
Hexa	PCB-150	*	*	n	NotF╗	1.32	*		996	2.5	2.67	*	1.029-1.039
Hexa	PCB-152	*	*	n	NotF╗	1.30	*		996	2.5	2.73	*	1.042-1.052
Hexa	PCB-145	*	*	n	NotF╗	1.27	*		996	2.5	2.78	*	1.054-1.064
Hexa	PCB-136	6.25e+04	1.41	y	39:31	1.30	6.161		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n	NotF╗	0.94	*		996	2.5	3.74	*	1.066-1.076
Hexa	PCB-154	*	*	n	NotF╗	1.04	*		996	2.5	3.40	*	1.079-1.089
Hexa	PCB-151	9.58e+04	1.26	y	40:46	0.97	12.69		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	6.12e+04	1.13	y	40:58	0.99	7.913		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	*	*	n	NotF╗	0.99	*		996	2.5	3.55	*	1.105-1.116
Hexa	PCB-147	*	*	n	NotF╗	0.89	*		996	2.5	3.98	*	1.108-1.120
Hexa	PCB-139/149	2.05e+05	1.23	y	41:28	1.03	25.56		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	*	*	n	NotF╗	0.97	*		996	2.5	3.65	*	1.120-1.132
Hexa	PCB-134/143	9.00e+04	1.14	y	42:06	0.93	3.831		*	2.5	*	0.975	0.970-0.980

Analyst: MJ

Date: 11/30/17

Client ID: HFL-SVDB-T170301124240 Filename: 171108E3 S:7 Acq:9-NOV-17 06:35:34 ConCal: ST171108E3-1

Lab ID: 1700932-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.976 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	8.46e+04	1.27	y	42:24	0.92	3.638		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n	NotF¶	0.86	*		870	2.5	1.14	*	0.980-0.990
Hexa	PCB-146/165	2.06e+05	1.22	y	42:47	1.12	7.305		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	2.77e+05	1.27	y	43:03	1.13	9.709		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	8.16e+05	1.19	y	43:11	1.16	28.05		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-168	*	*	n	NotF¶	1.41	*		870	2.5	0.696	*	1.000-1.010
Hexa	PCB-141	1.41e+05	1.17	y	43:56	1.24	5.505		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-137	4.51e+04	1.16	y	44:18	1.25	1.732		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	5.45e+04	1.28	y	44:24	1.07	2.452		*	2.5	*	1.011	1.006-1.016
Hexa	PCB-138/163/164	1.18e+06	1.25	y	44:47	1.36	38.35		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	7.72e+04	1.16	y	45:00	1.46	2.356		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	2.56e+04	0.99	n	45:16	1.01	1.127	R	*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	*	*	n	NotF¶	1.23	*		870	2.5	0.724	*	0.988-0.998
Hexa	PCB-159	*	*	n	NotF¶	1.31	*		870	2.5	0.681	*	0.995-1.005
Hexa	PCB-128/162	1.60e+05	1.35	y	46:20	1.09	5.422		*	2.5	*	1.007	1.002-1.012
Hexa	PCB-167	3.17e+04	0.94	n	46:44	1.29	0.9018	R	*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	1.10e+05	1.16	y	48:01	1.32	3.044		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	*	*	n	NotF¶	1.34	*		2350	1.0	0.724	*	0.995-1.005
Hexa	PCB-169	*	*	n	NotF¶	1.21	*		870	2.5	0.726	*	0.995-1.005
Hepta	PCB-188	*	*	n	NotF¶	1.61	*		1980	2.5	1.51	*	0.995-1.005
Hepta	PCB-184	*	*	n	NotF¶	1.46	*		1980	2.5	1.66	*	1.006-1.016
Hepta	PCB-179	9.82e+04	0.96	y	44:03	1.49	4.444		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	*	*	n	NotF¶	1.58	*		1980	2.5	1.53	*	1.035-1.045
Hepta	PCB-186	*	*	n	NotF¶	1.54	*		1980	2.5	1.58	*	1.049-1.059
Hepta	PCB-178	7.74e+04	0.95	y	45:37	1.16	4.498		*	2.5	*	1.066	1.061-1.071
Hepta	PCB-175	*	*	n	NotF¶	1.17	*		1980	2.5	2.06	*	1.069-1.079
Hepta	PCB-182/187	2.32e+05	1.16	y	46:07	1.25	12.41		*	2.5	*	1.077	1.073-1.083
Hepta	PCB-183	4.30e+04	1.09	y	46:27	1.32	2.190		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n	NotF¶	1.67	*		1980	2.5	1.96	*	0.951-0.961
Hepta	PCB-174	9.13e+04	1.07	y	47:28	1.53	5.508		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n	NotF¶	1.59	*		1980	2.5	2.05	*	0.960-0.970
Hepta	PCB-177	7.35e+04	0.94	y	47:44	1.48	4.592		*	2.5	*	0.968	0.964-0.974
Hepta	PCB-171	2.36e+04	0.99	y	48:01	1.71	1.276		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n	NotF¶	1.40	*		1980	2.5	2.34	*	0.978-0.988
Hepta	PCB-172	2.12e+04	1.14	y	48:55	1.61	1.215		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n	NotF¶	2.08	*		1980	2.5	1.57	*	0.991-1.001
Hepta	PCB-180	2.40e+05	1.19	y	49:19	1.67	13.28		*	2.5	*	1.000	0.995-1.005

Analyst: MJ

Date: 11/30/17

Client ID: HFL-SVDB-T170301124240 Filename: 171108E3 S:7 Acq:9-NOV-17 06:35:34 ConCal: ST171108E3-1
Lab ID: 1700932-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.976 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF╗	2.18	*		1980	2.5	1.50	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	2.22	*		1980	2.5	1.47	*	1.005-1.015
Hepta	PCB-170	9.76e+04	0.91	y 50:55	1.83	5.624		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	3.27e+04	1.13	y 51:06	2.48	1.392		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.82	*		1980	2.5	1.26	*	0.995-1.005
Octa	PCB-202	3.38e+04	0.86	y 48:13	1.15	2.902		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	*	*	n NotF╗	1.25	*		680	2.5	1.23	*	1.005-1.015
Octa	PCB-204	*	*	n NotF╗	1.21	*		680	2.5	1.27	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.34	*		680	2.5	1.15	*	1.015-1.025
Octa	PCB-200	*	*	n NotF╗	1.22	*		680	2.5	1.27	*	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.90	*		680	2.5	1.71	*	1.064-1.074
Octa	PCB-199	5.29e+04	0.96	y 51:41	0.85	6.192		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	4.28e+04	0.92	y 51:58	0.96	4.426		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	2.62e+04	0.90	y 53:13	1.12	1.090		*	2.5	*	0.983	0.979-0.989
Octa	PCB-194	1.04e+05	1.00	y 54:09	1.26	3.876		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.59	*		1880	2.5	0.911	*	1.000-1.010
Nona	PCB-208	2.99e+04	2.05	n 53:22	1.09	1.119	R	*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	1.72e+04	1.27	y 53:42	1.10	0.6375		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	7.54e+04	1.28	y 55:42	0.94	4.050		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	4.43e+04	1.36	n 57:00	1.44	1.774	R	*	2.5	*	1.000	0.995-1.005

Analyst: MI

Date: 11/30/17

Client ID: HFL-SVDB-T170301124240 Filename: 171108E3 S:7 Acq:9-NOV-17 06:35:34 ConCal: ST171108E3-1
Lab ID: 1700932-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.976 EndCAL: NA

	Name	Resp	RA		RT	RRF	Conc	
	Total Mono-PCB	3.84e+06	3.14	y	16:02	1.11	120.788	
	Total Di-PCB	2.36e+07	1.61	y	20:03	1.19	678.786	
	Total Tri-PCB	1.93e+07	1.07	y	24:10	1.27	741.150	
	Total Tri-PCB	1.35e+07	0.96	y	27:53	1.23	299.152	Sum:1040.30
	Total Tetra-PCB	3.13e+07	0.78	y	27:56	1.17	1088.27	
	Total Penta-PCB	6.20e+06	1.64	y	33:53	1.37	389.401	
	Total Penta-PCB	7.27e+05	1.49	y	43:02	1.31	18.0514	Sum:407.452
	Total Hexa-PCB	4.25e+05	1.41	y	39:31	1.10	52.3279	
	Total Hexa-PCB	3.24e+06	1.14	y	42:06	1.17	111.389	Sum:163.717
	Total Hepta-PCB	1.03e+06	0.96	y	44:03	1.55	56.4260	
	Total Octa-PCB	1.29e+05	0.86	y	48:13	1.09	13.5200	
	Total Octa-PCB	1.31e+05	0.90	y	53:13	1.33	4.96595	Sum:18.4859
	Total Nona-PCB	9.25e+04	1.27	y	53:42	1.05	4.68719	
-	Total Deca-PCB	4.43e+04	1.36	n	57:00	1.44	1.77395	

-

Total PCB Conc:3597.93639200

Integrations
by
Analyst: MJ

Date: 11/30/17

Client ID: HFL-SVDB-T170301124240 Filename: 171108E3 S:7 Acq:9-NOV-17 06:35:34 ConCal: ST171108E3-1
Lab ID: 1700932-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:0.9757 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	5.68e+07	3.26 y	1.24	16:01	0.619	0.616	0.622	978	47.7
13C-PCB-3	6.24e+07	3.31 y	1.25	18:39	0.721	0.717	0.725	1060	51.8
13C-PCB-4	4.64e+07	1.59 y	0.66	20:00	0.773	0.768	0.776	1500	73.3
13C-PCB-9	7.06e+07	1.58 y	0.98	21:47	0.842	0.838	0.846	1530	74.8
13C-PCB-11	7.58e+07	1.57 y	0.95	25:10	0.972	0.968	0.978	1690	82.5
13C-PCB-19	3.64e+07	1.12 y	0.64	24:09	0.933	0.928	0.938	1220	59.4
13C-PCB-28	7.34e+07	1.10 y	0.98	29:03	1.004	0.999	1.009	1700	82.7
13C-PCB-32	5.37e+07	1.10 y	0.90	27:05	1.046	1.041	1.051	1270	61.8
13C-PCB-37	7.48e+07	1.08 y	0.95	32:55	1.138	1.131	1.144	1770	86.4
13C-PCB-47	5.14e+07	0.80 y	0.85	31:58	0.871	0.867	0.875	1730	84.3
13C-PCB-52	4.56e+07	0.81 y	0.77	31:28	0.857	0.853	0.861	1680	81.8
13C-PCB-54	5.84e+07	0.79 y	0.99	27:55	0.761	0.757	0.765	1680	81.9
13C-PCB-70	6.22e+07	0.83 y	1.00	35:29	0.967	0.961	0.971	1770	86.5
13C-PCB-77	6.00e+07	0.83 y	0.96	39:35	1.079	1.073	1.083	1790	87.3
13C-PCB-80	6.35e+07	0.82 y	1.00	35:54	0.978	0.973	0.983	1800	88.0
13C-PCB-81	6.16e+07	0.81 y	1.00	39:00	1.063	1.057	1.067	1750	85.3
13C-PCB-95	2.29e+07	1.60 y	0.81	35:47	0.913	0.908	0.918	1790	87.3
13C-PCB-97	1.96e+07	1.71 y	0.70	38:45	0.989	0.984	0.994	1780	86.7
13C-PCB-101	2.25e+07	1.66 y	0.80	37:28	0.956	0.951	0.961	1780	86.8
13C-PCB-104	2.86e+07	1.66 y	1.03	32:37	0.832	0.828	0.836	1760	85.6
13C-PCB-105	5.74e+07	1.56 y	1.16	43:01	0.929	0.924	0.934	2260	110
13C-PCB-114	5.94e+07	1.62 y	1.17	42:09	0.910	0.905	0.915	2330	114
13C-PCB-118	2.93e+07	1.62 y	0.99	41:30	1.059	1.054	1.064	1870	91.1
13C-PCB-123	2.86e+07	1.72 y	0.95	41:19	1.054	1.049	1.059	1900	92.6
13C-PCB-126	5.77e+07	1.60 y	1.16	45:15	0.977	0.972	0.982	2270	111
13C-PCB-127	6.36e+07	1.61 y	1.25	43:21	0.936	0.931	0.941	2320	113
13C-PCB-138	4.60e+07	1.28 y	1.15	44:45	0.967	0.961	0.971	1840	89.5
13C-PCB-141	4.26e+07	1.28 y	1.08	43:55	0.949	0.943	0.953	1810	88.1
13C-PCB-153	5.16e+07	1.27 y	1.28	43:11	0.933	0.928	0.938	1840	89.7
13C-PCB-155	1.60e+07	1.35 y	0.75	37:00	0.944	0.939	0.949	1350	65.9
13C-PCB-156	5.61e+07	1.31 y	1.37	48:00	1.037	1.032	1.042	1870	91.0
13C-PCB-157	5.65e+07	1.30 y	1.38	48:16	1.042	1.038	1.048	1880	91.6
13C-PCB-159	5.54e+07	1.25 y	1.38	46:02	0.994	0.989	0.999	1840	89.6
13C-PCB-167	5.58e+07	1.29 y	1.39	46:43	1.009	1.004	1.014	1840	89.6
13C-PCB-169	5.93e+07	1.30 y	1.38	50:28	1.090	1.085	1.095	1970	96.2
13C-PCB-170	1.95e+07	0.50 y	0.84	50:54	1.103	1.097	1.109	1910	93.0
13C-PCB-180	2.22e+07	0.46 y	0.96	49:18	1.069	1.063	1.073	1890	92.4
13C-PCB-188	3.05e+07	0.48 y	1.39	42:48	0.928	0.923	0.933	1810	88.1
13C-PCB-189	2.75e+07	0.46 y	1.12	52:32	1.139	1.132	1.144	2020	98.6
13C-PCB-194	4.37e+07	0.90 y	0.76	54:08	0.995	0.990	1.000	1840	89.7
13C-PCB-202	2.06e+07	0.89 y	1.21	48:13	1.045	1.040	1.050	1400	68.3
13C-PCB-206	4.06e+07	0.78 y	0.78	55:41	1.024	1.019	1.029	1660	81.2
13C-PCB-208	5.03e+07	0.78 y	1.08	53:22	0.981	0.976	0.986	1500	73.0
13C-PCB-209	3.55e+07	1.23 y	0.73	57:00	1.048	1.043	1.053	1550	75.8

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	6.46e+07	0.81 y	1.02	37:46	1.029	1.024	1.034	1810	88.2
13C-PCB-178	2.06e+07	0.46 y	0.90	45:36	0.985	0.980	0.990	1870	91.1

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	6.46e+07	0.81 y	1.01	37:46	0.968	0.963	0.973	2120	103
13C-PCB-178	2.06e+07	0.46 y	0.94	45:36	0.925	0.920	0.930	2020	98.5

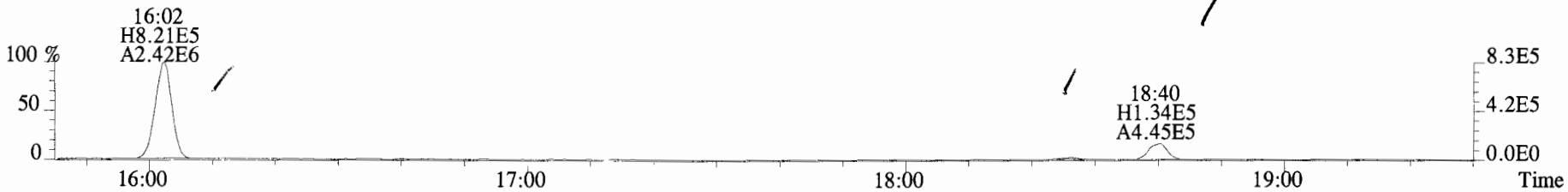
RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	9.63e+07	1.60	y	1.00	25:53	2050
13C-PCB-31	9.08e+07	1.07	y	1.00	28:56	2050
13C-PCB-60	7.19e+07	0.80	y	1.00	36:42	2050
13C-PCB-111	3.24e+07	1.70	y	1.00	39:11	2050
13C-PCB-128	4.48e+07	1.28	y	1.00	46:18	2050
13C-PCB-182	2.50e+07	0.46	y	1.00	46:08	2050
13C-PCB-205	6.41e+07	0.91	y	1.00	54:24	2050

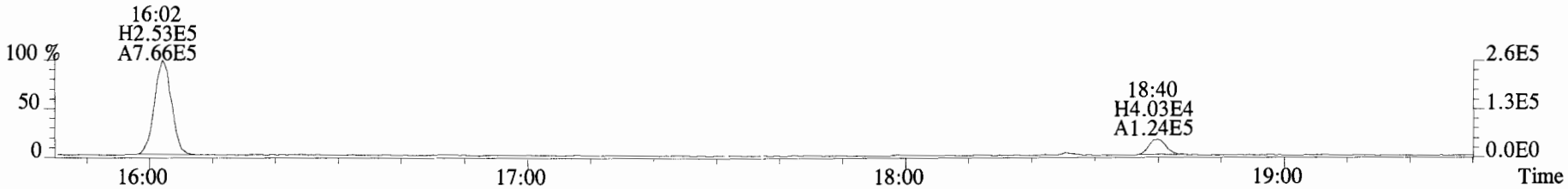
Analyst: MJ

Date: 11/30/17

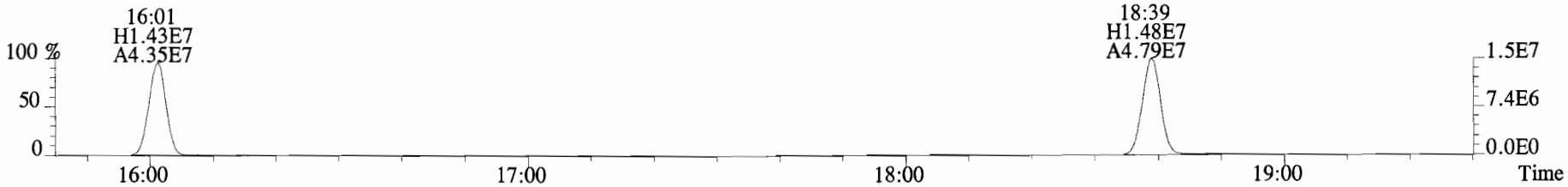
File:171108E3 #1-867 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8352.0,0.00%,F,F)



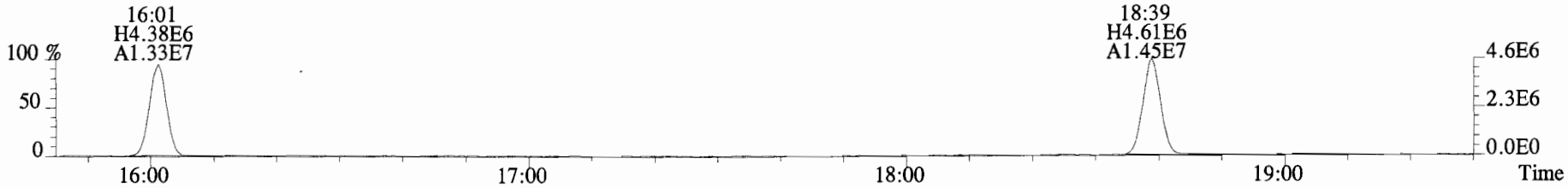
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7900.0,0.00%,F,F)



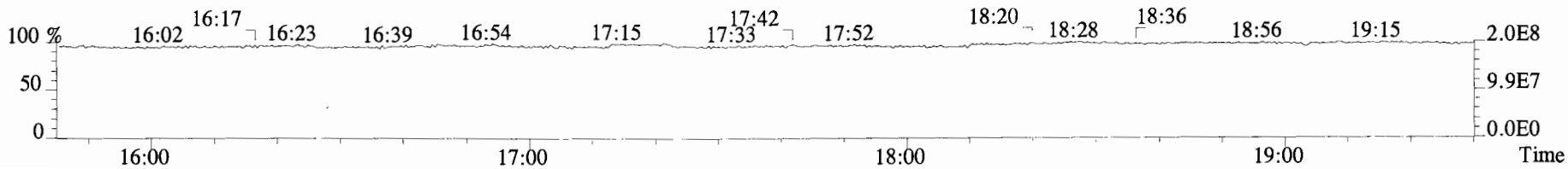
200.0795 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7944.0,0.00%,F,F)



202.0766 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19376.0,0.00%,F,F)



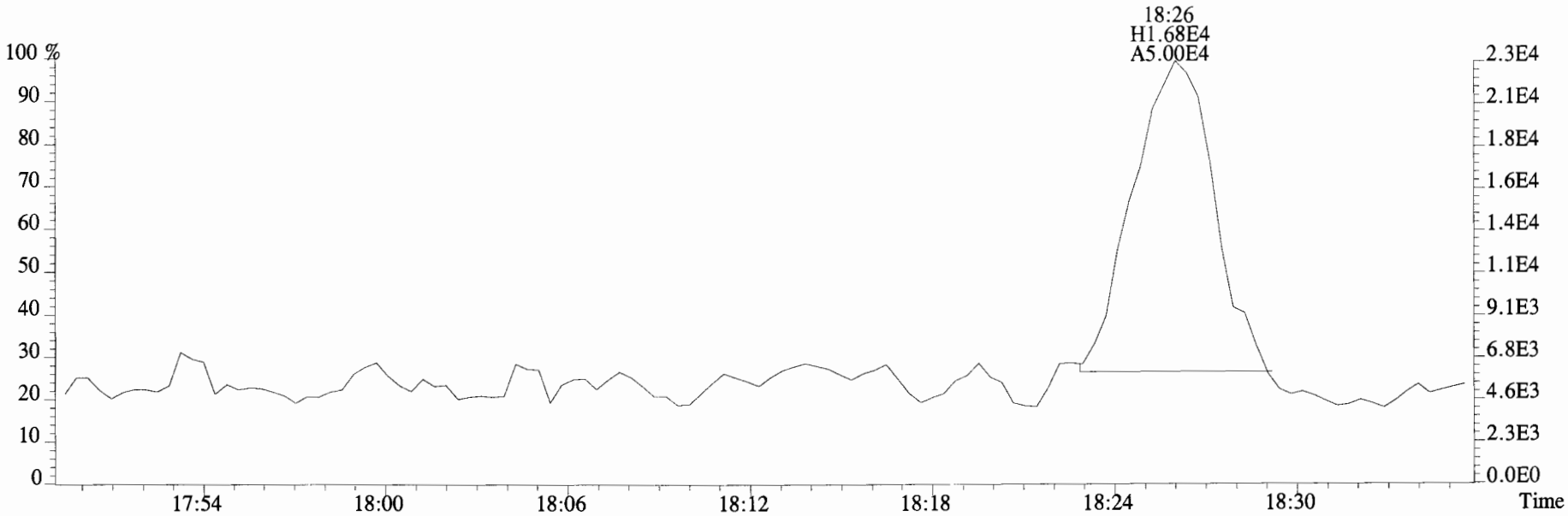
180.9880 S:7



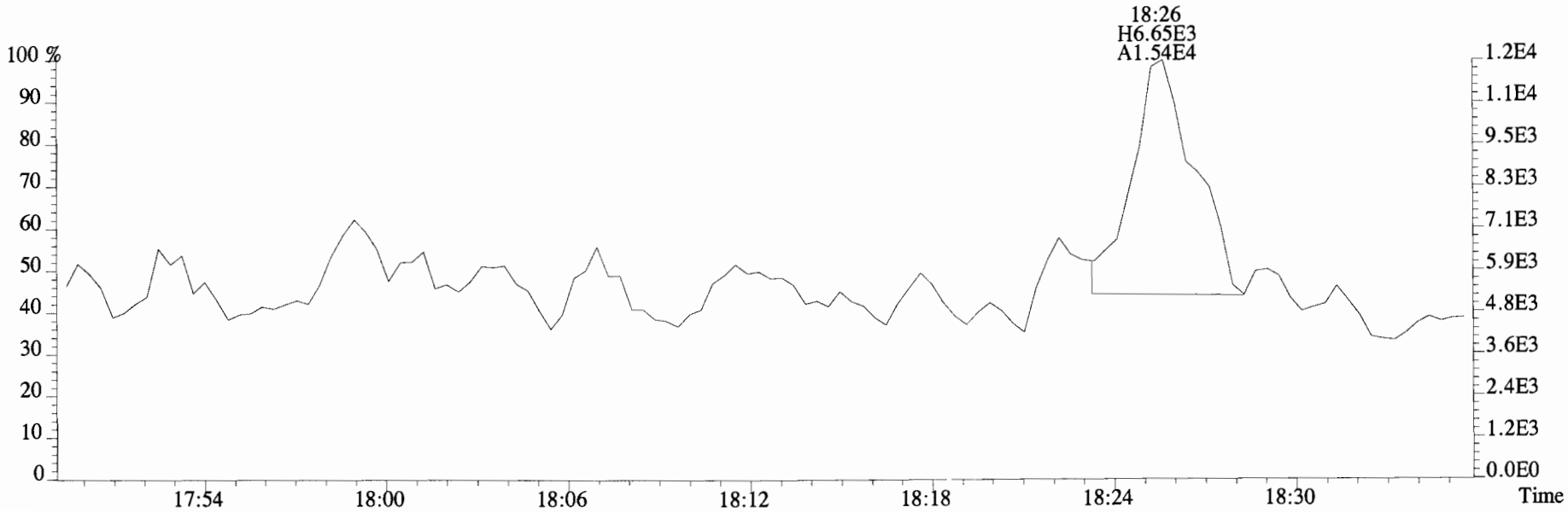
File:171108E3 #1-867 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8352.0,0.00%,F,F)

190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7900.0,0.00%,F,F)

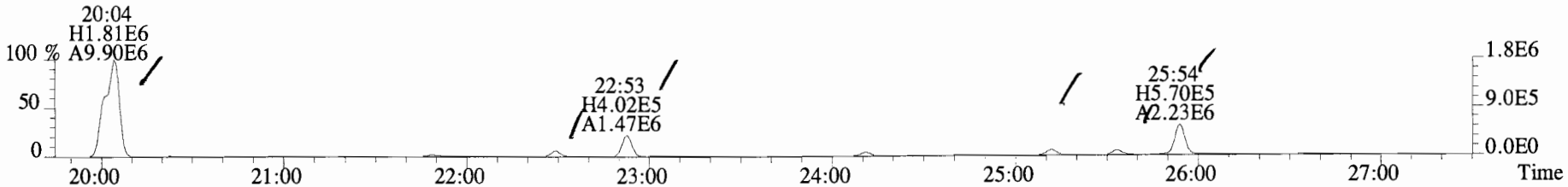
File:171108E3 #1-867 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8352.0,0.00%,F,F)



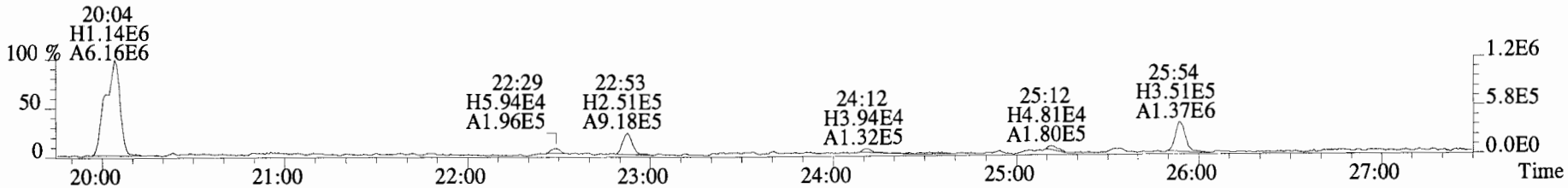
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7900.0,0.00%,F,F)



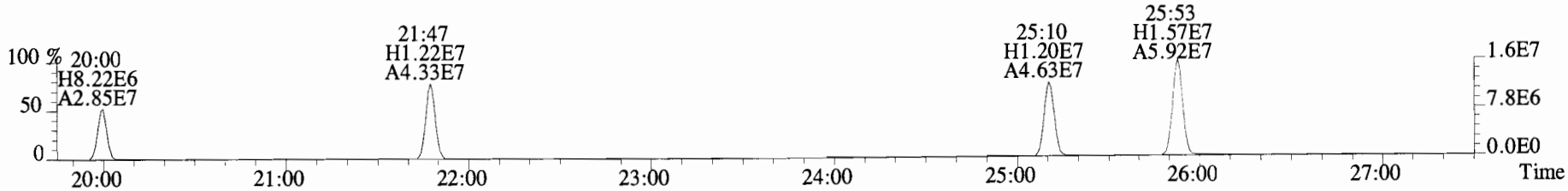
File:171108E3 #1-757 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



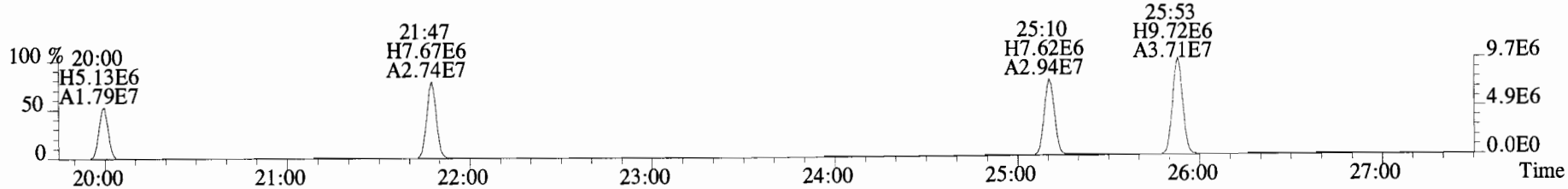
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39048.0,0.00%,F,F)



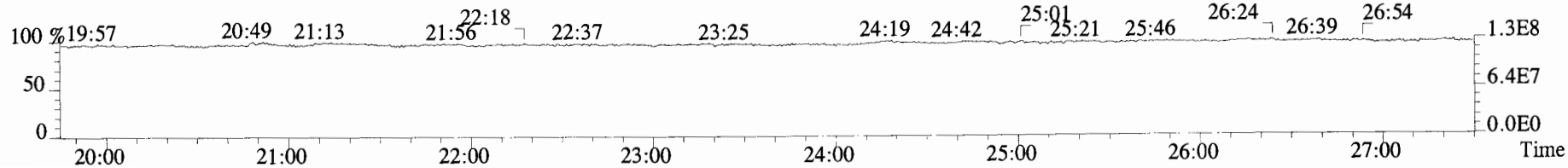
234.0406 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3736.0,0.00%,F,F)



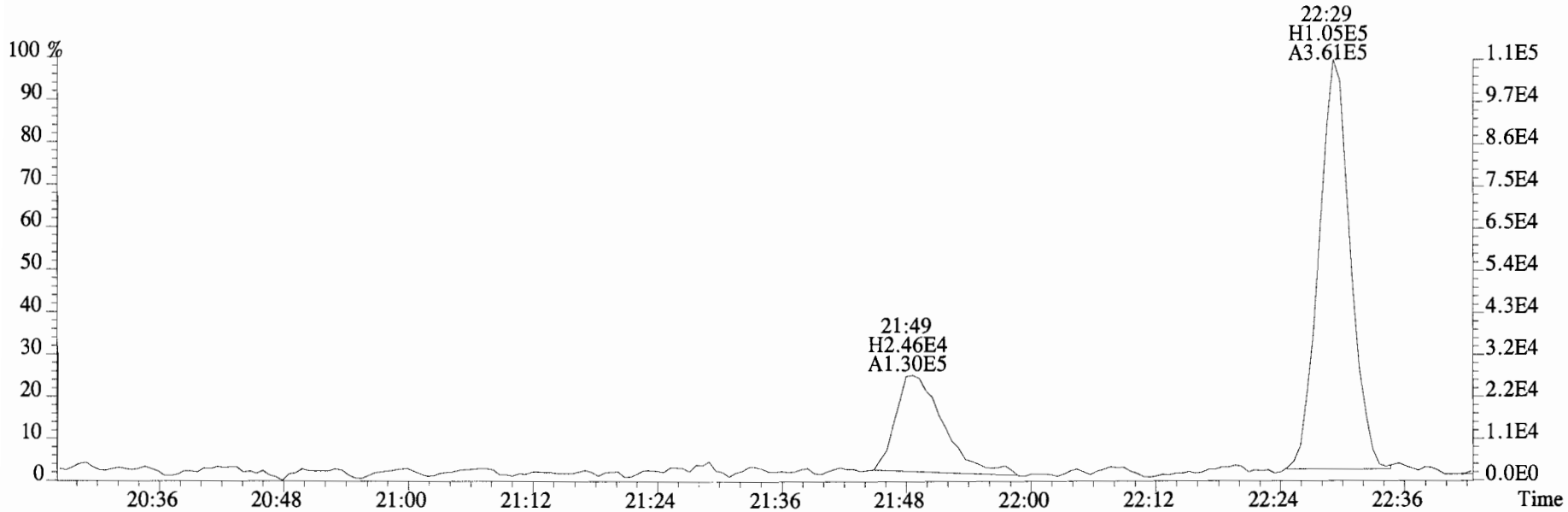
236.0376 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3728.0,0.00%,F,F)



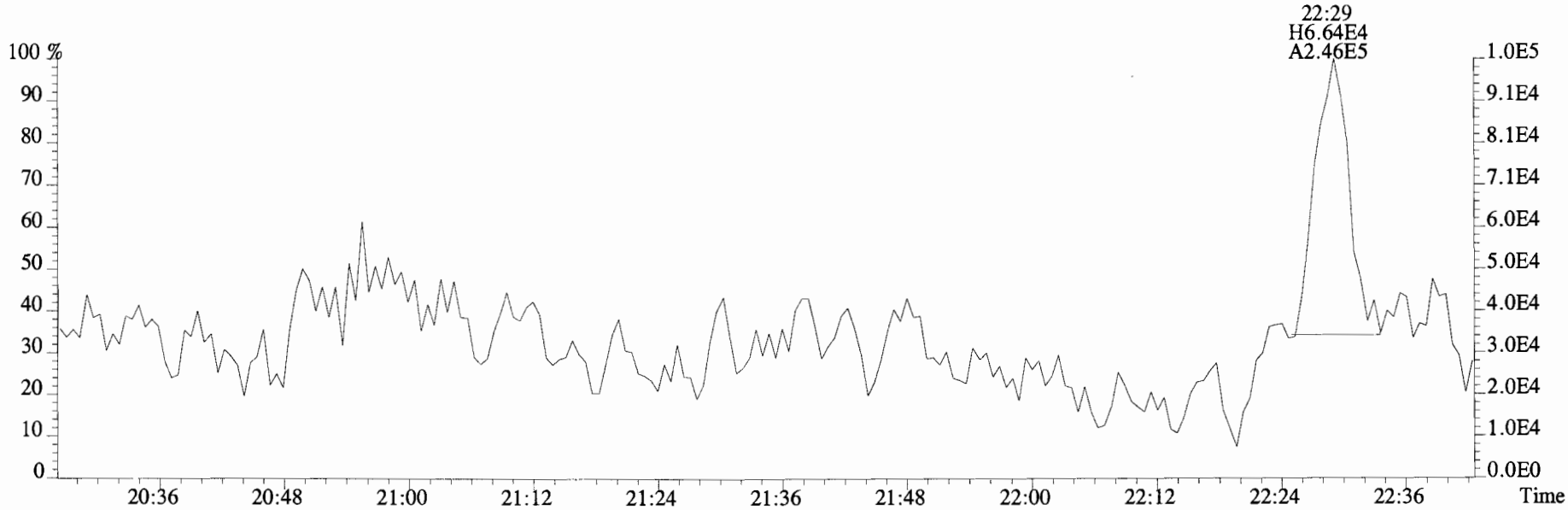
230.9856 S:7 F:2



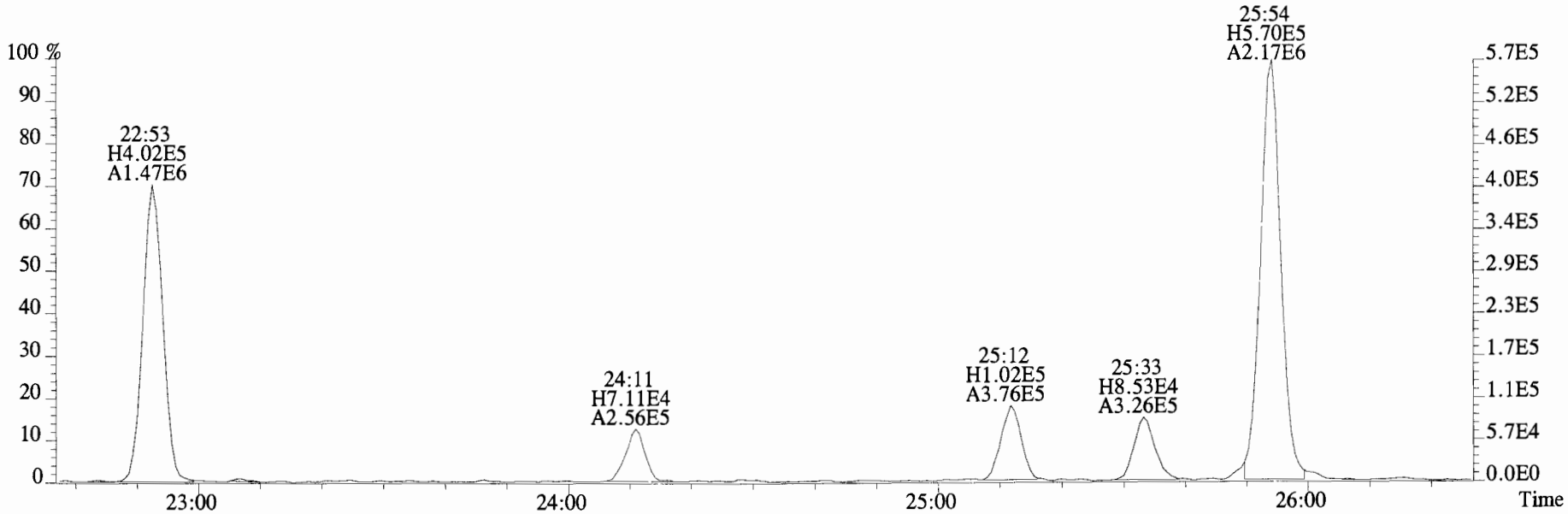
File:171108E3 #1-757 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



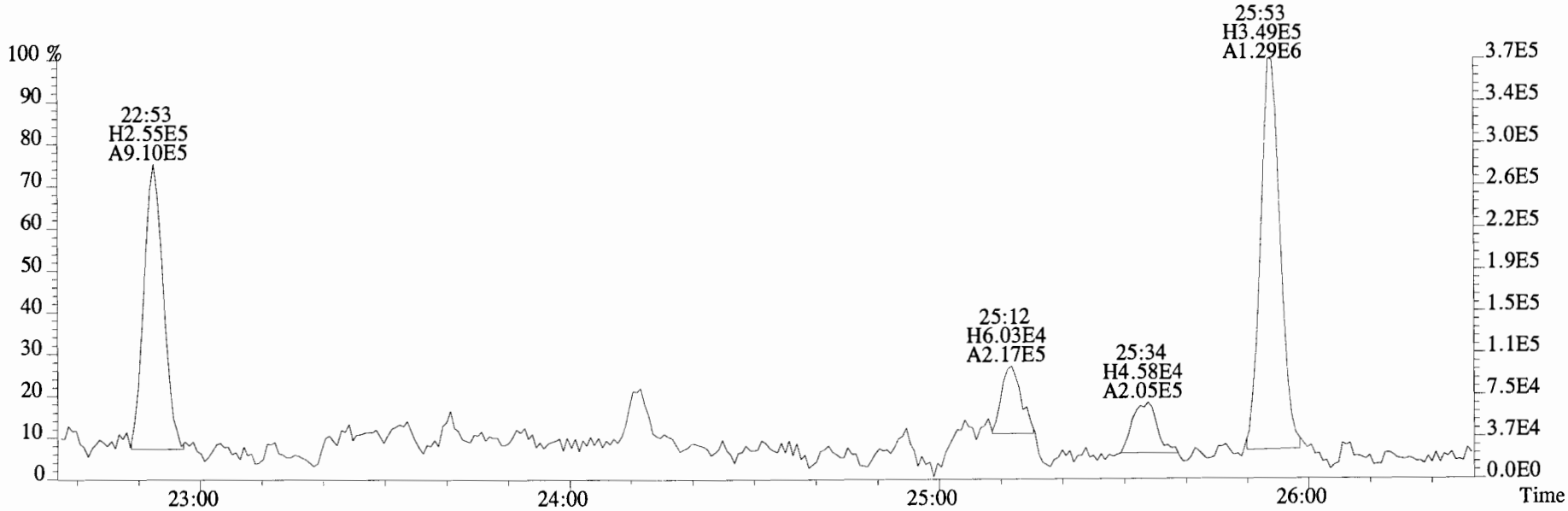
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39048.0,0.00%,F,F)



File:171108E3 #1-757 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)

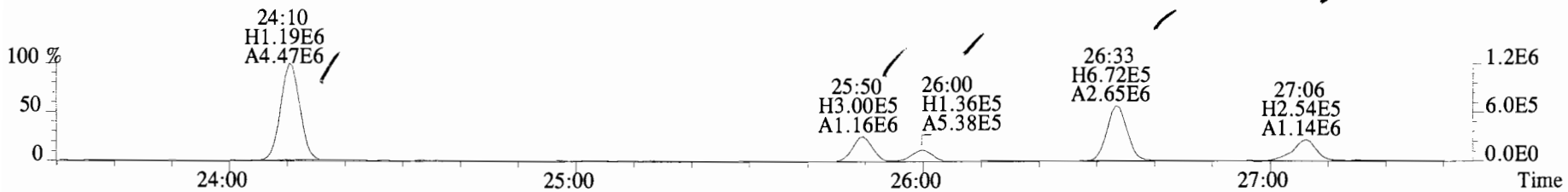


223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39048.0,0.00%,F,F)

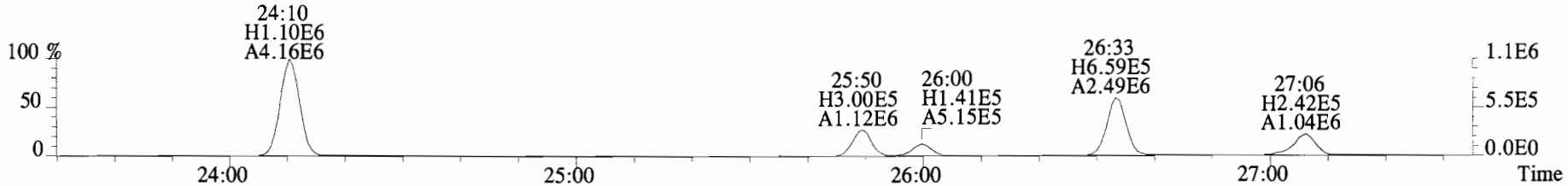


File:171108E3 #1-757 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1

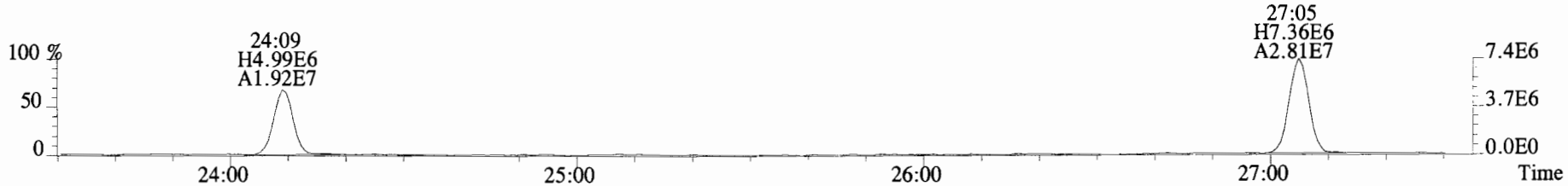
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3676.0,0.00%,F,F)



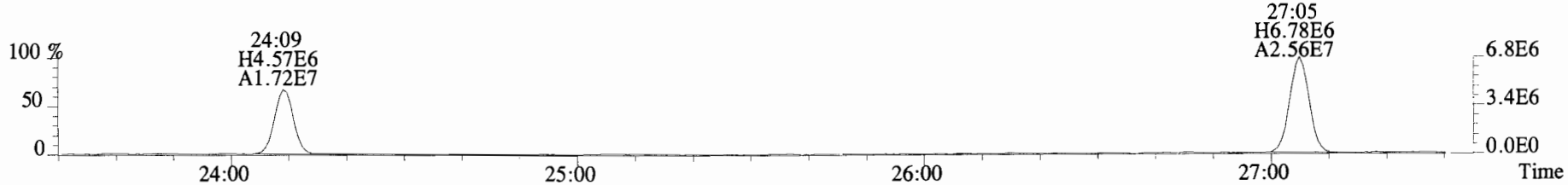
257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



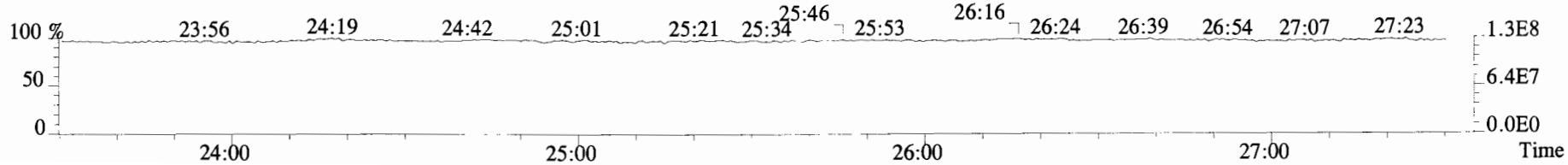
268.0016 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85184.0,0.00%,F,F)



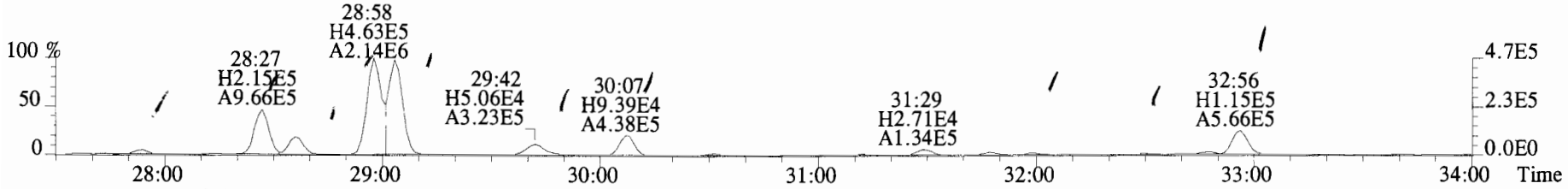
269.9986 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59072.0,0.00%,F,F)



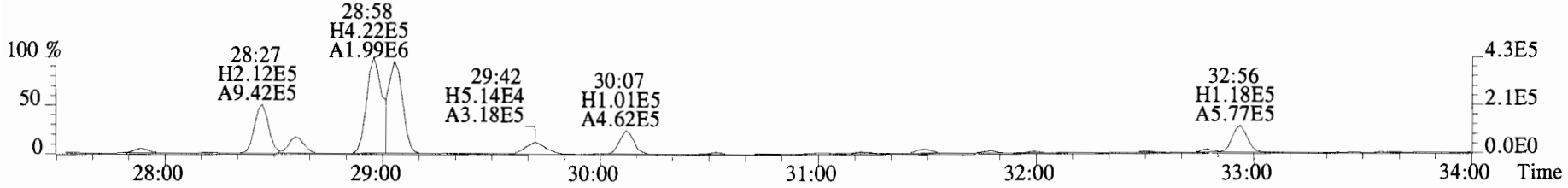
230.9856 S:7 F:2



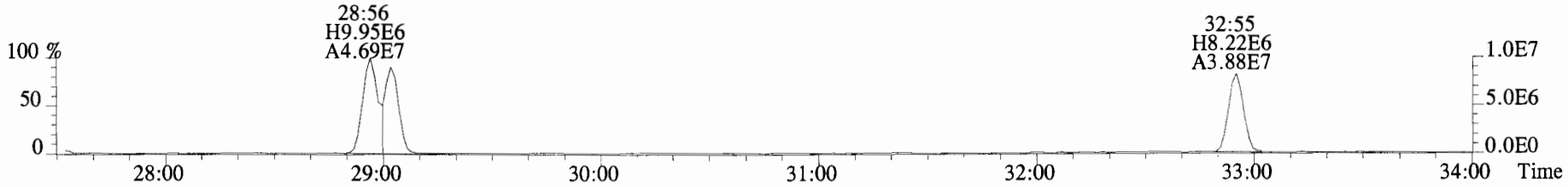
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3740.0,0.00%,F,F)



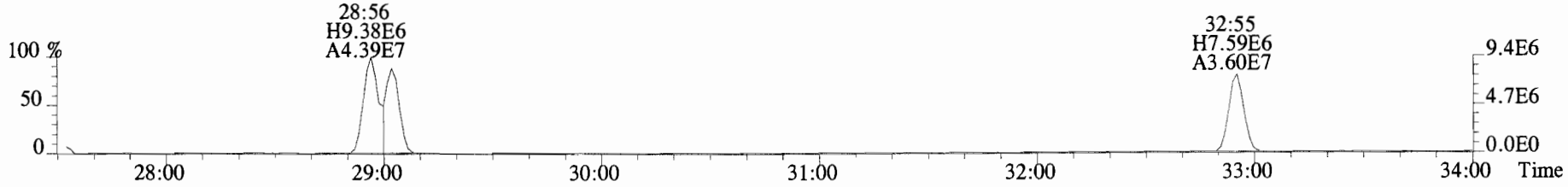
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2668.0,0.00%,F,F)



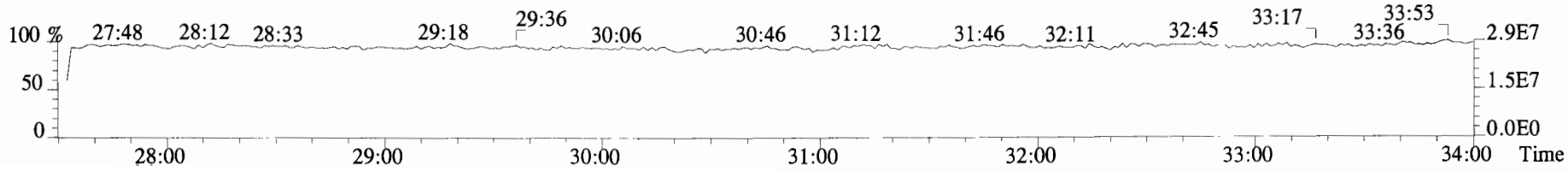
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,104368.0,0.00%,F,F)



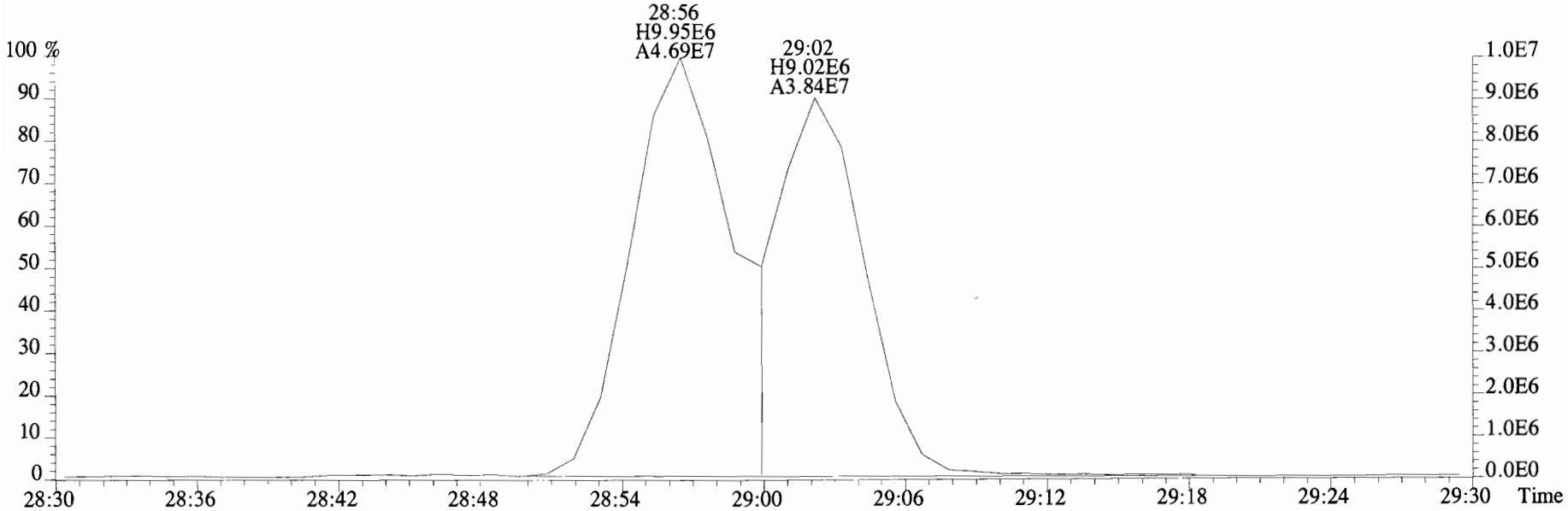
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53592.0,0.00%,F,F)



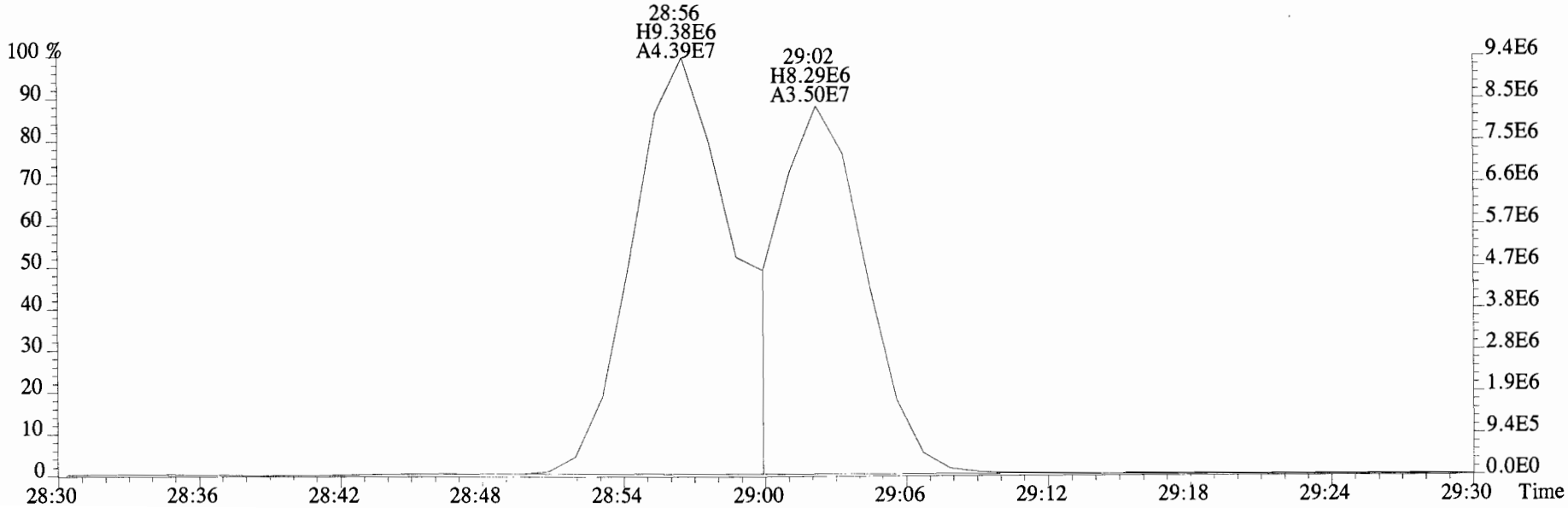
330.9792 S:7 F:3



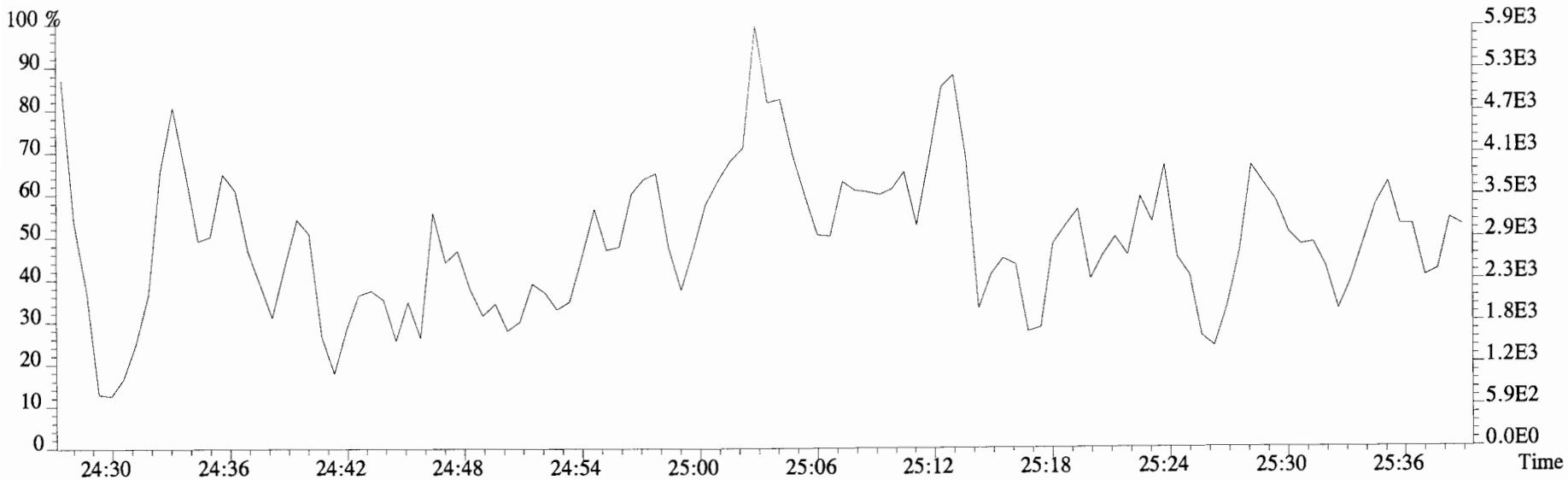
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,104368.0,0.00%,F,F)



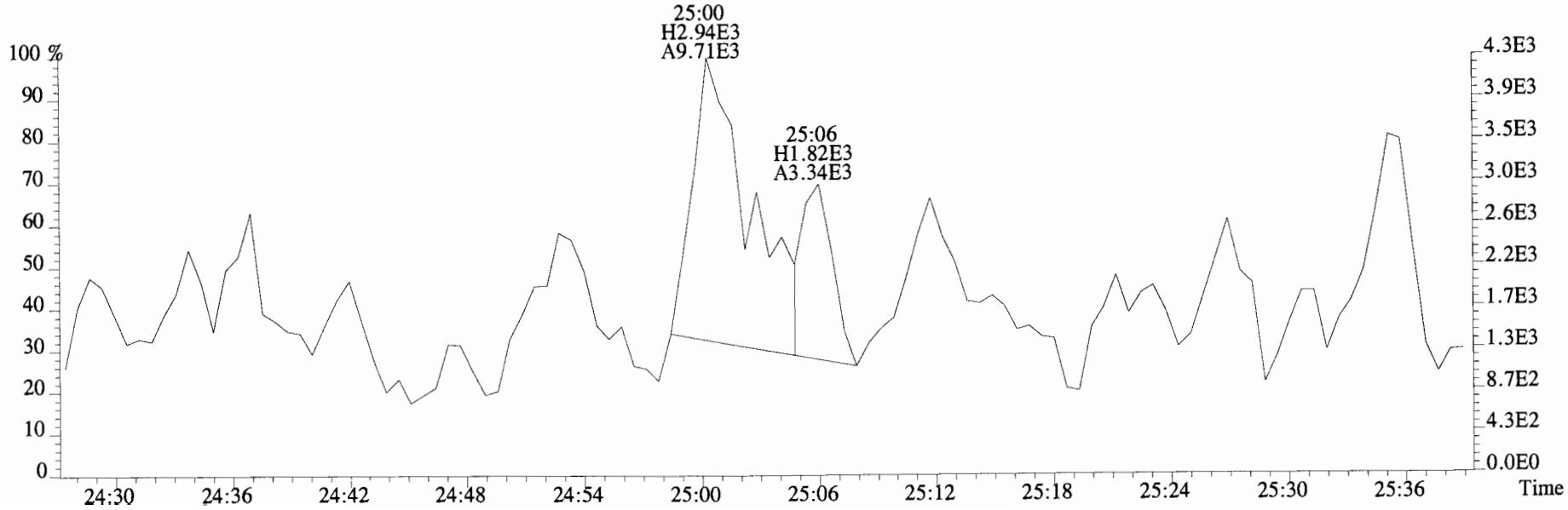
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53592.0,0.00%,F,F)



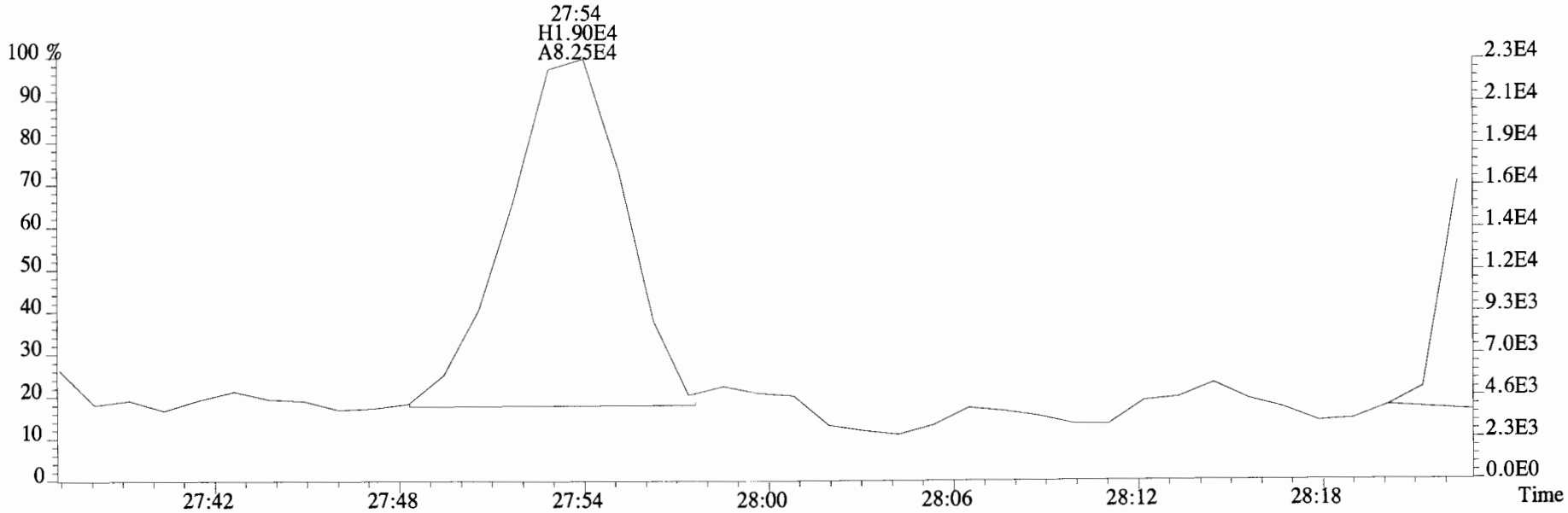
File:171108E3 #1-757 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3676.0,0.00%,F,F)



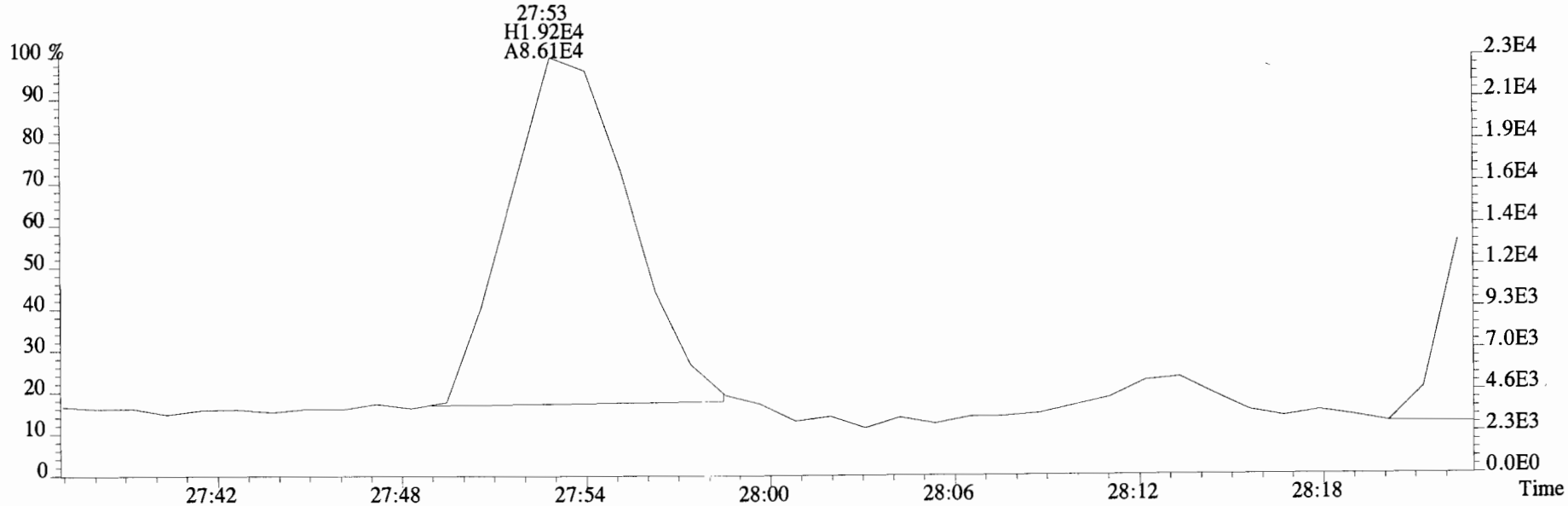
257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



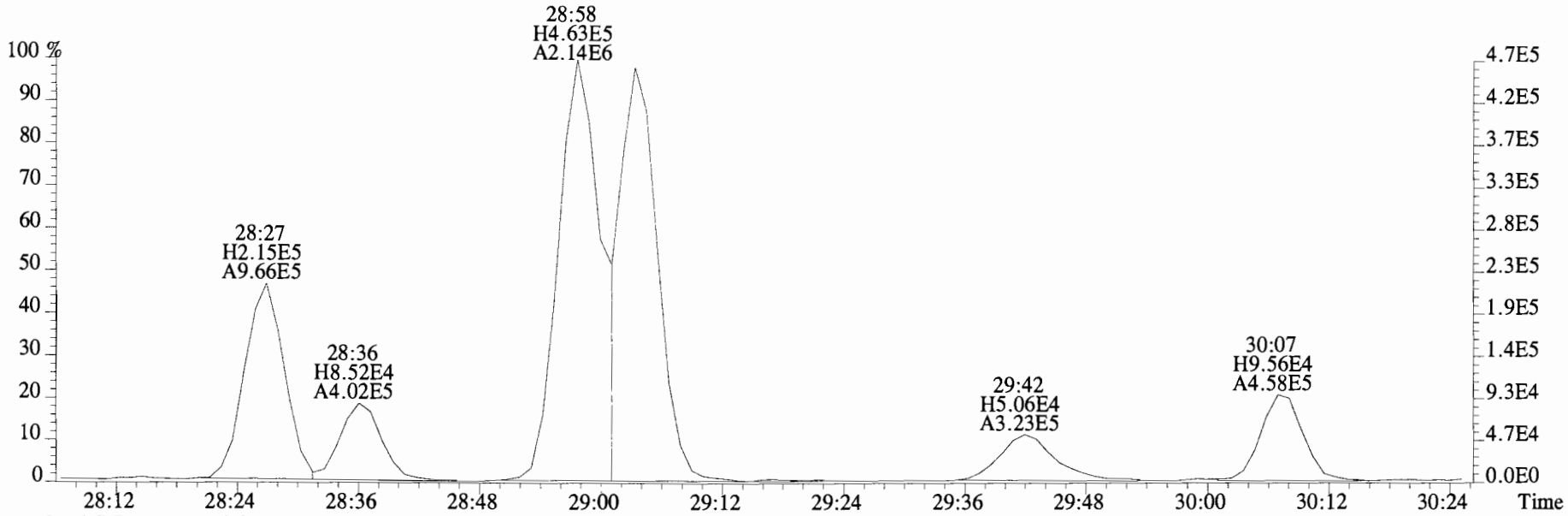
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



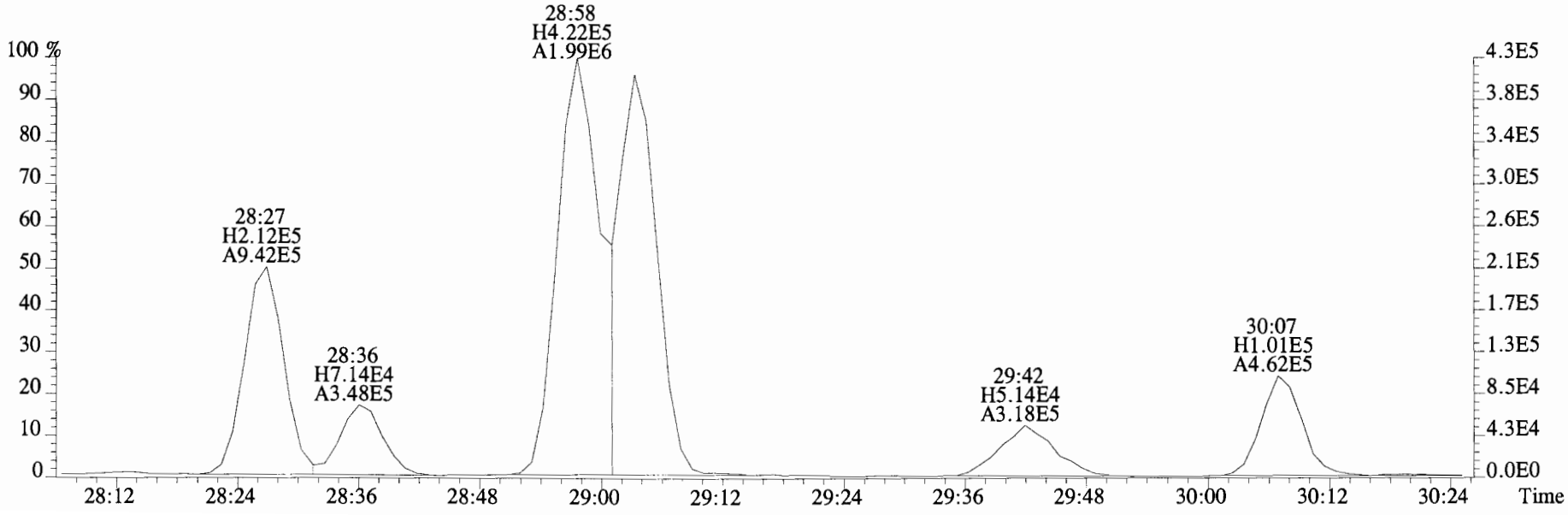
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



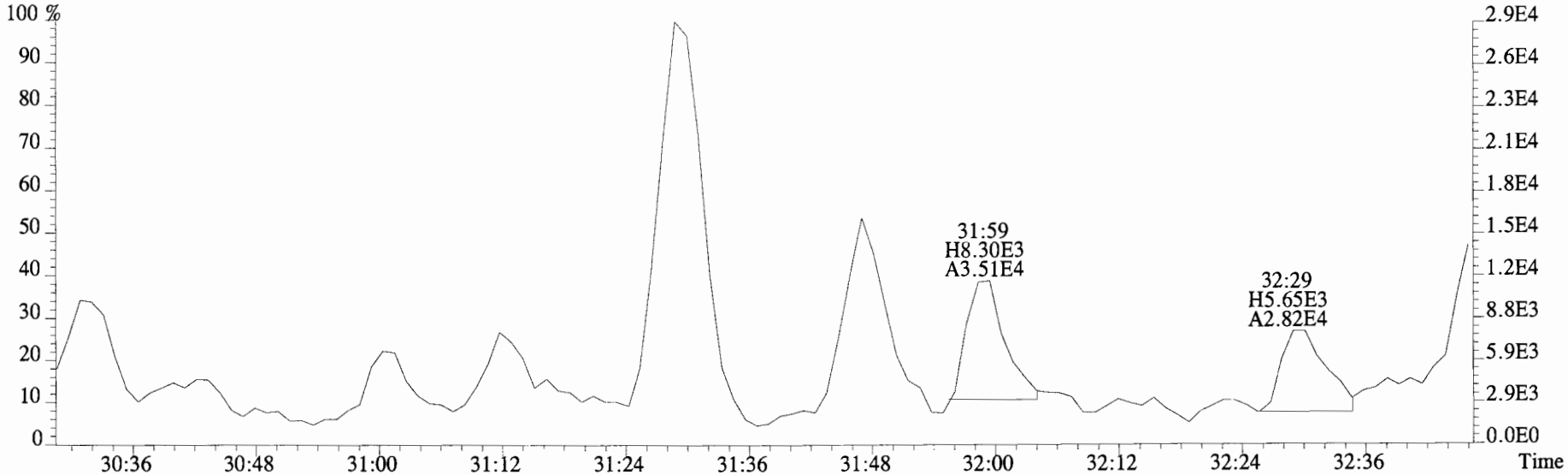
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



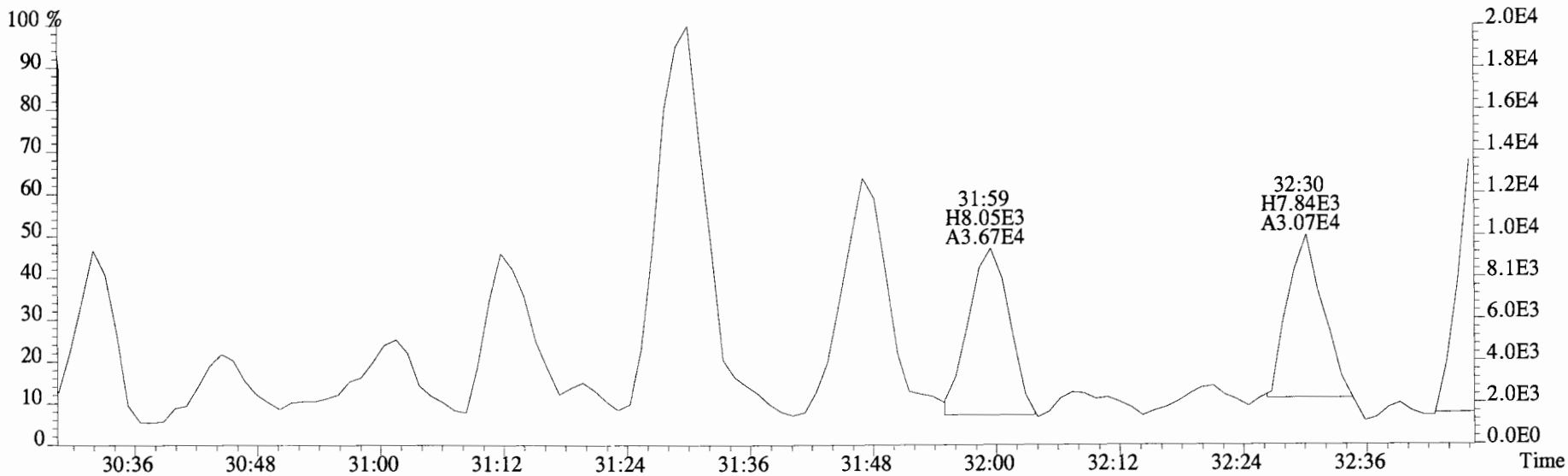
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



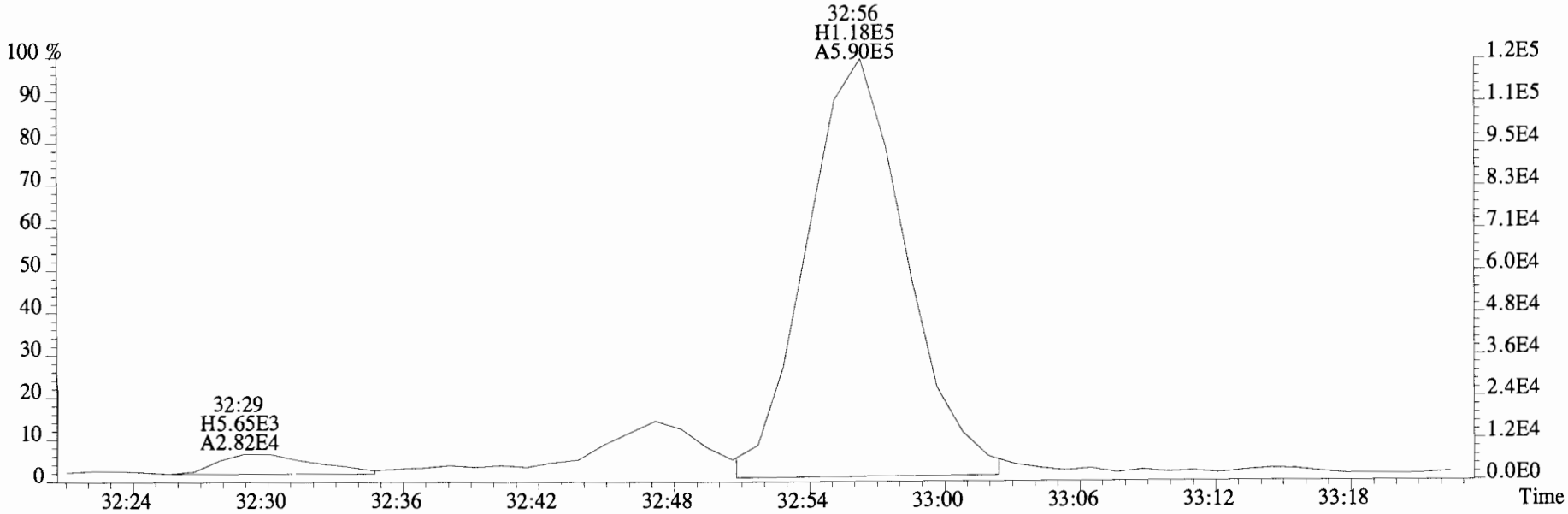
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



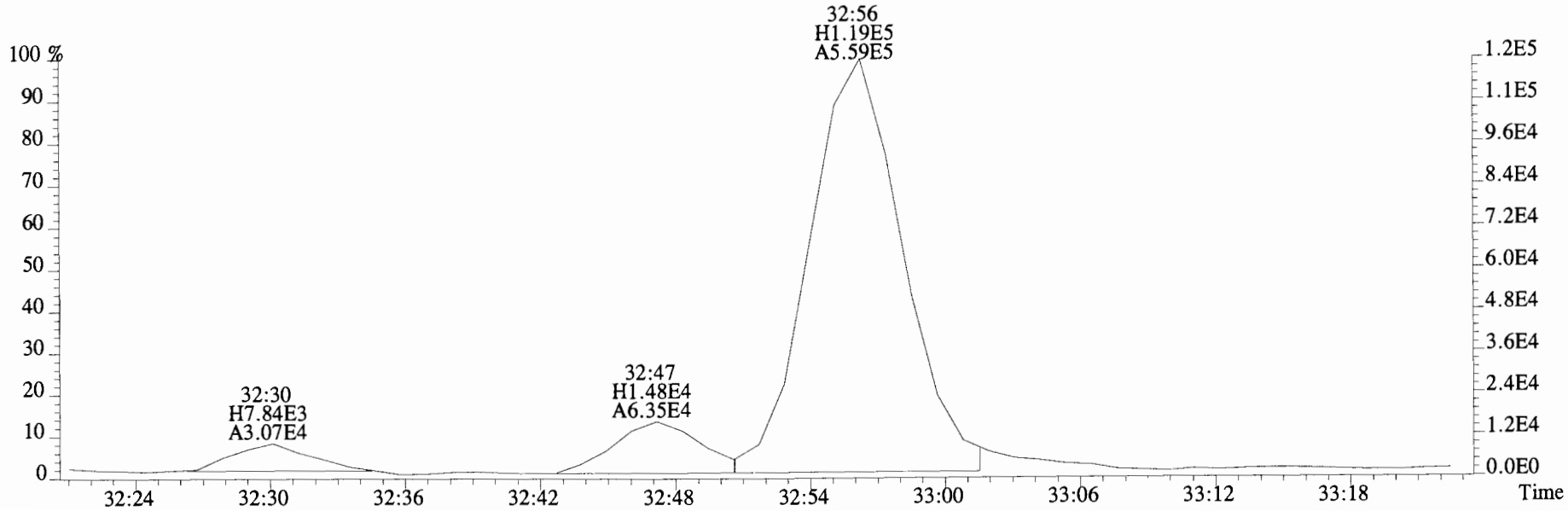
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)

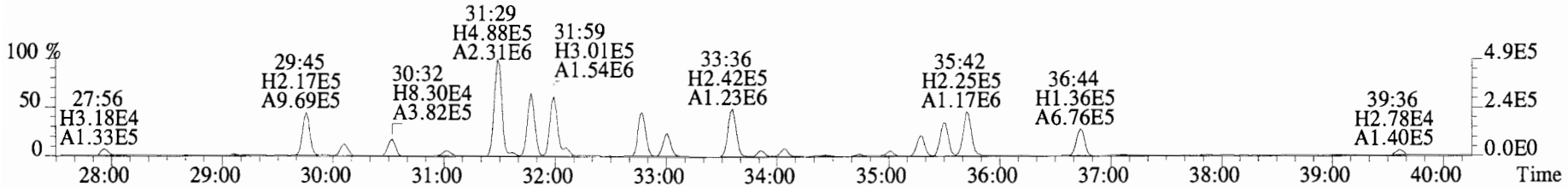


257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)

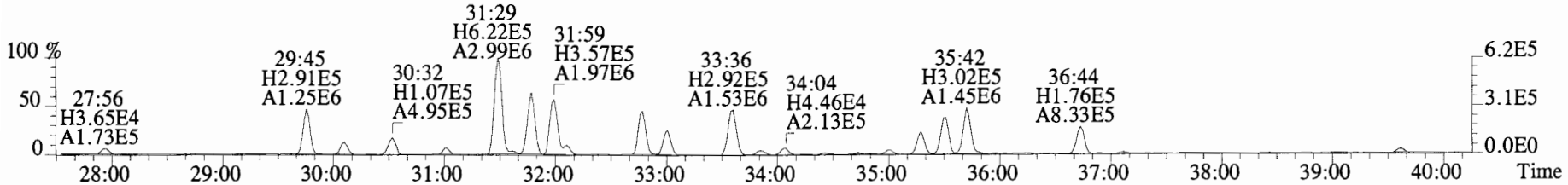


File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1

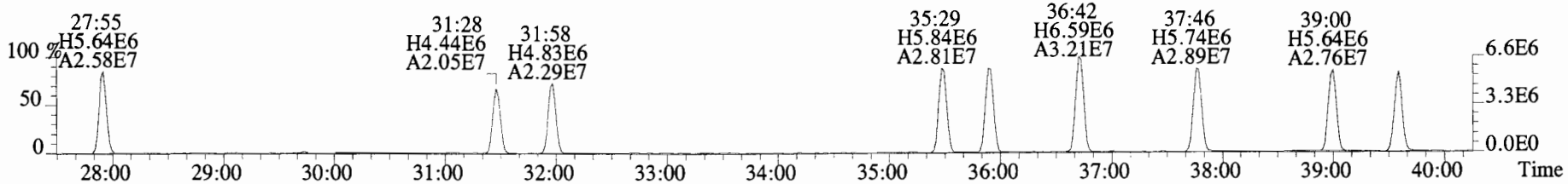
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



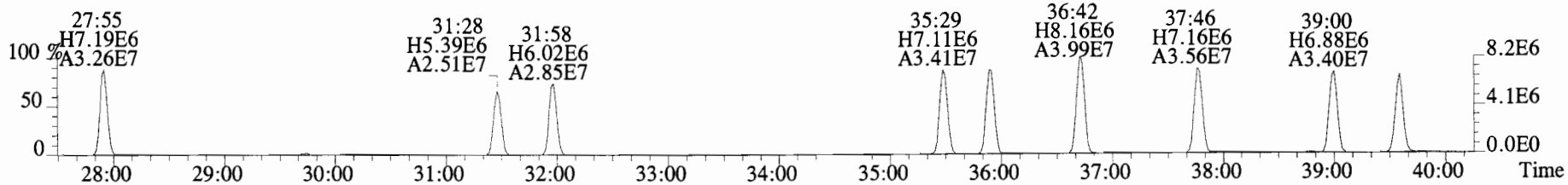
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



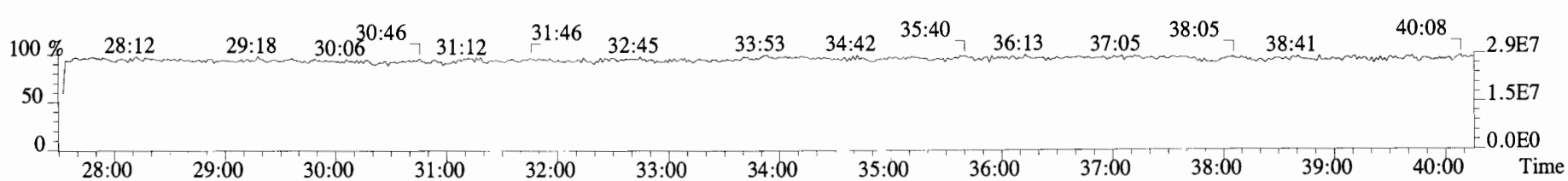
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26436.0,0.00%,F,F)



303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17740.0,0.00%,F,F)

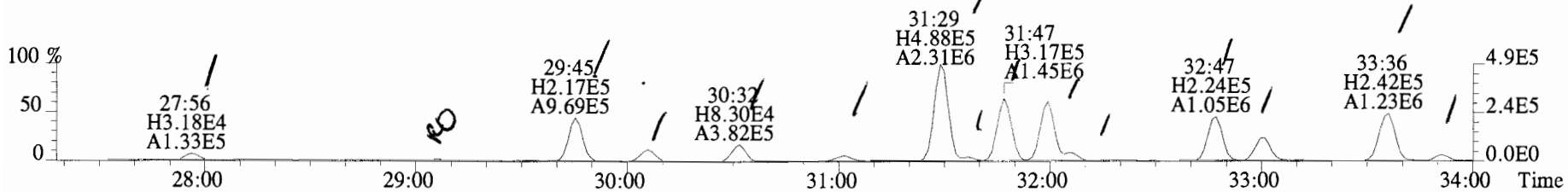


330.9792 S:7 F:3

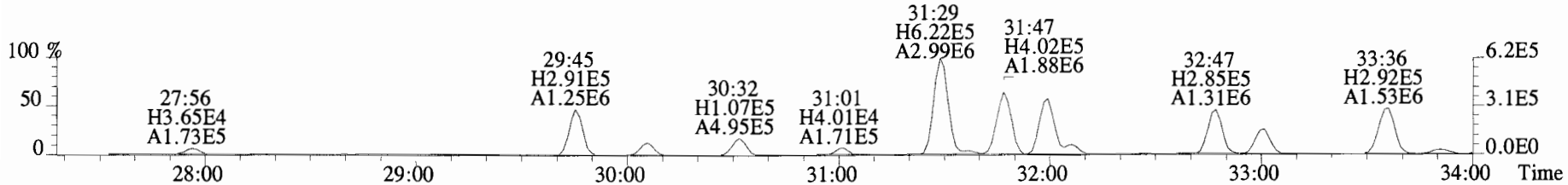


File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1

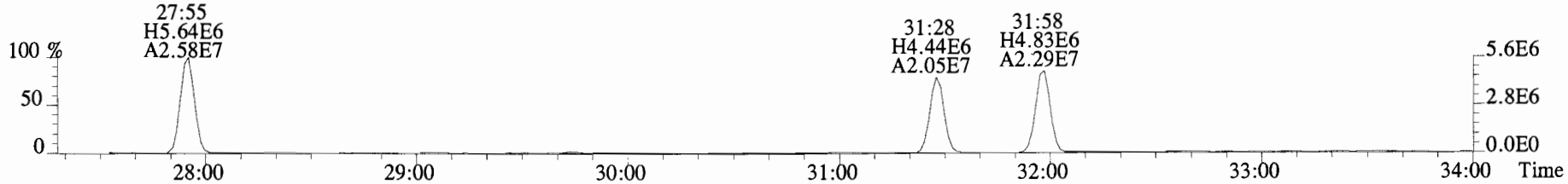
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



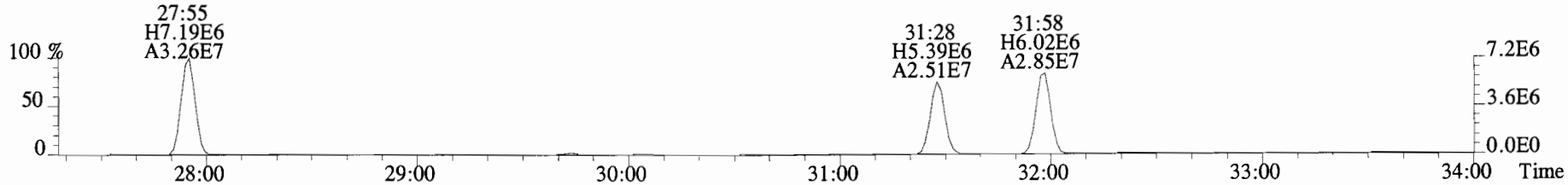
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



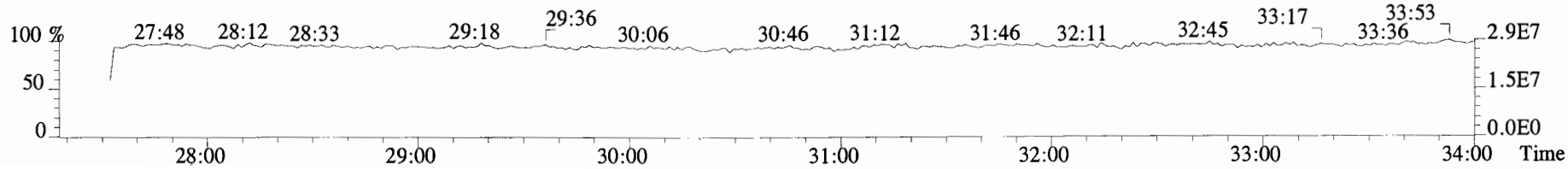
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26436.0,0.00%,F,F)



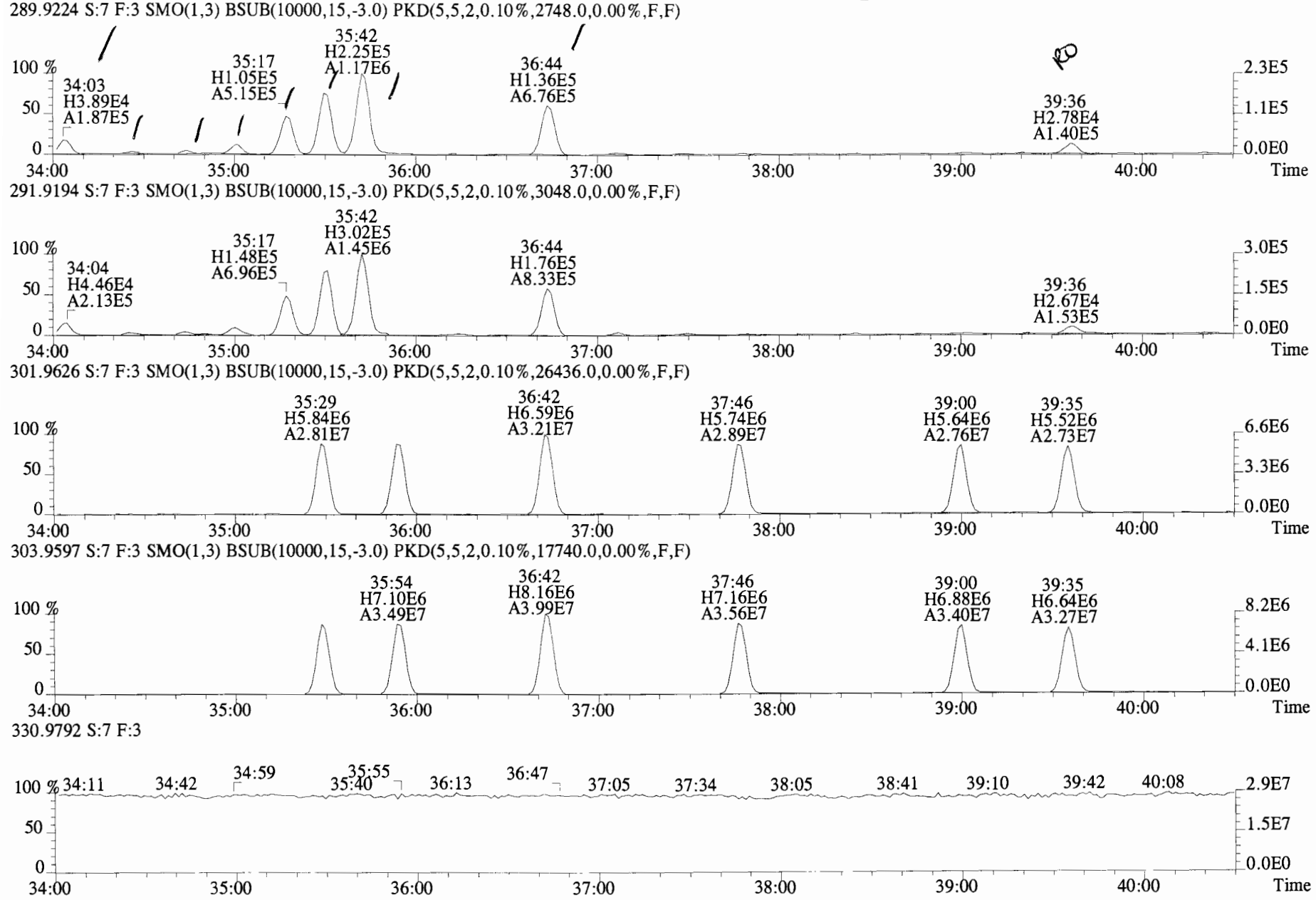
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17740.0,0.00%,F,F)



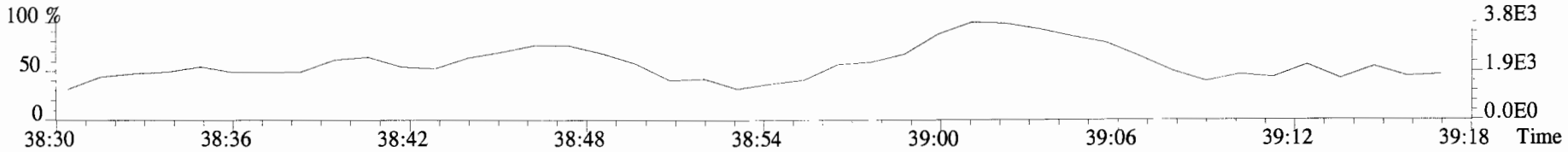
330.9792 S:7 F:3



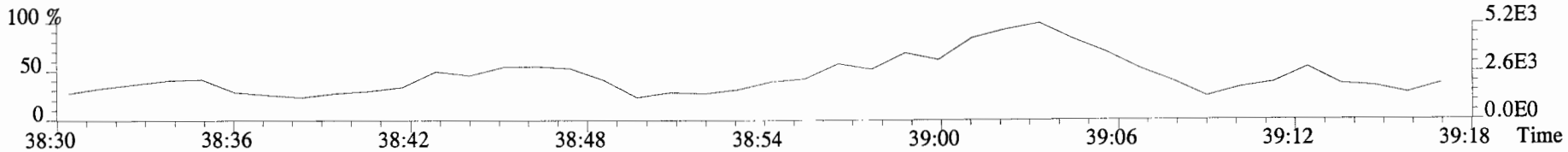
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1



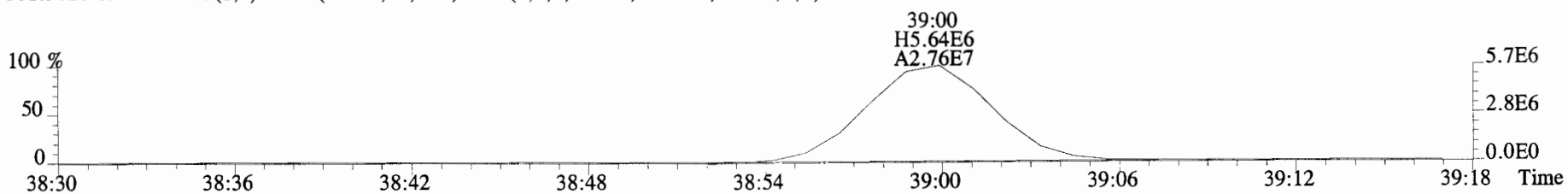
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



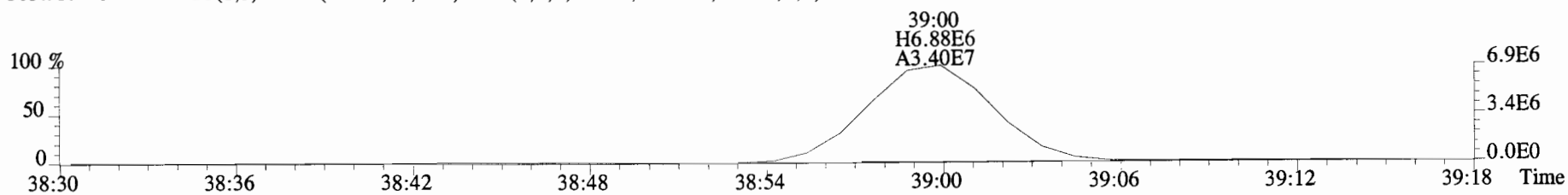
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



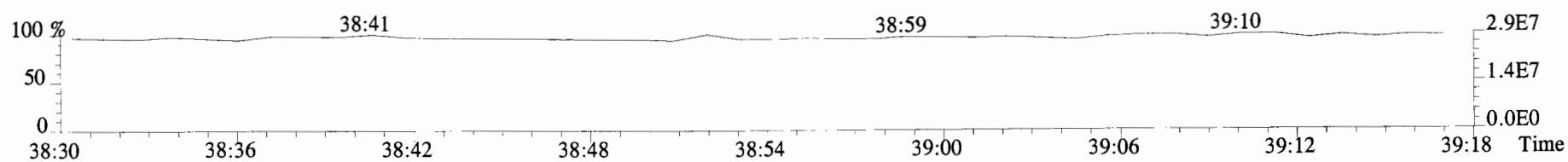
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26436.0,0.00%,F,F)



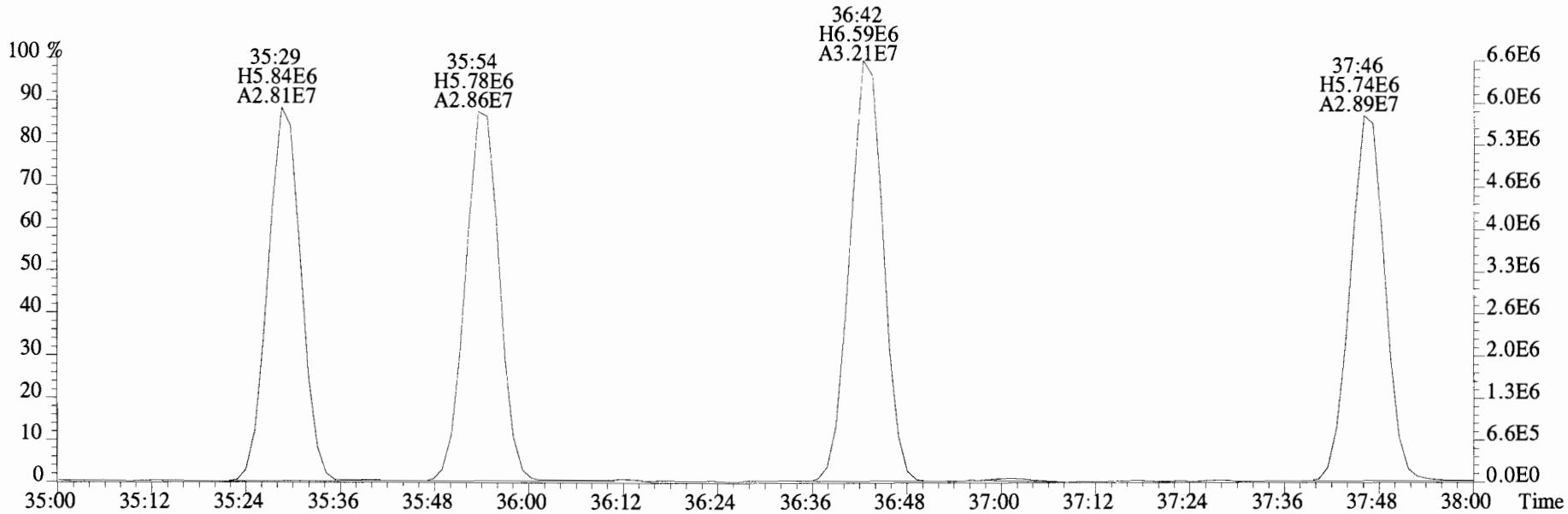
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17740.0,0.00%,F,F)



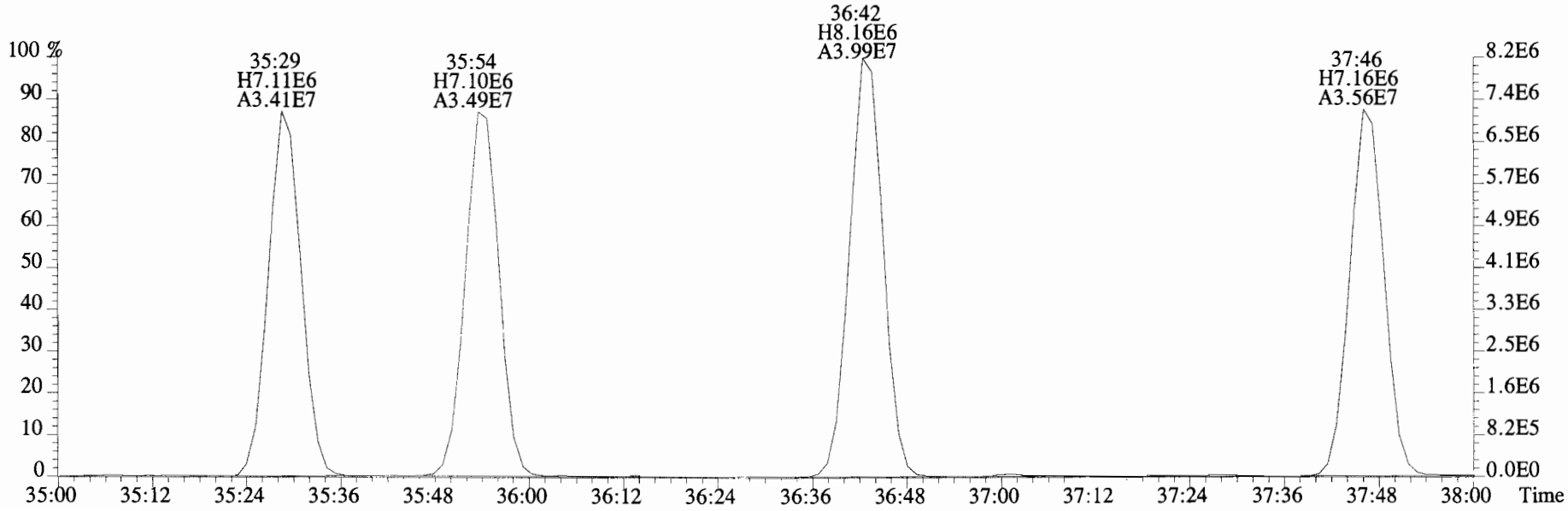
330.9792 S:7 F:3



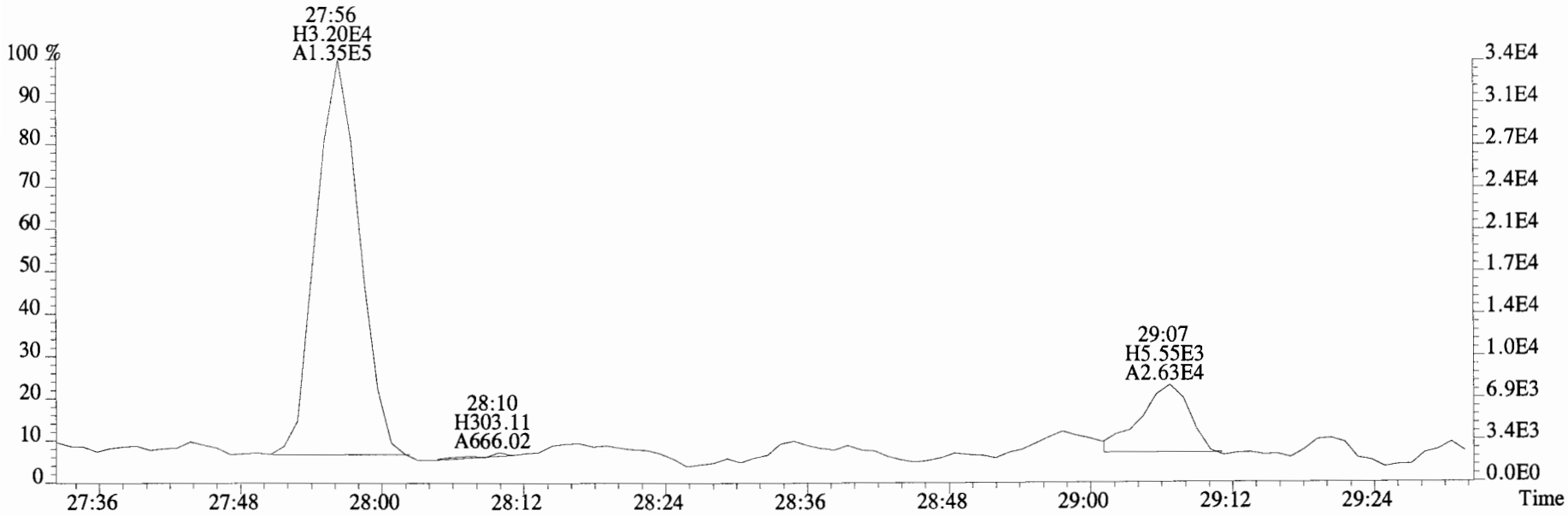
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26436.0,0.00%,F,F)



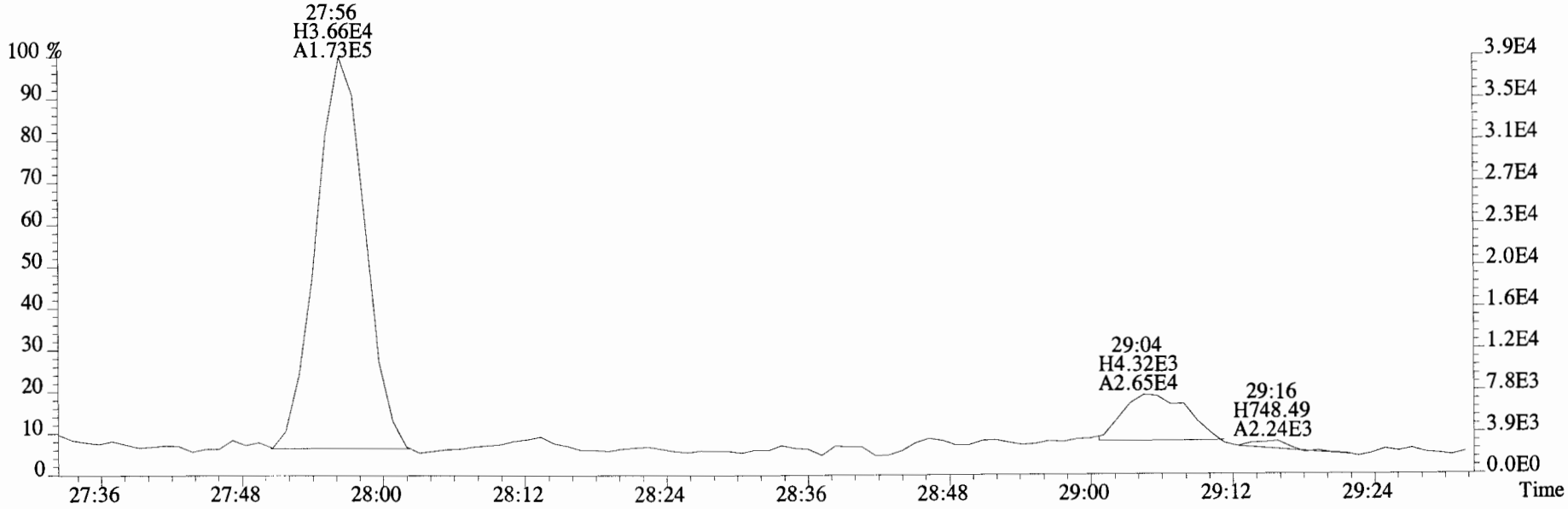
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17740.0,0.00%,F,F)



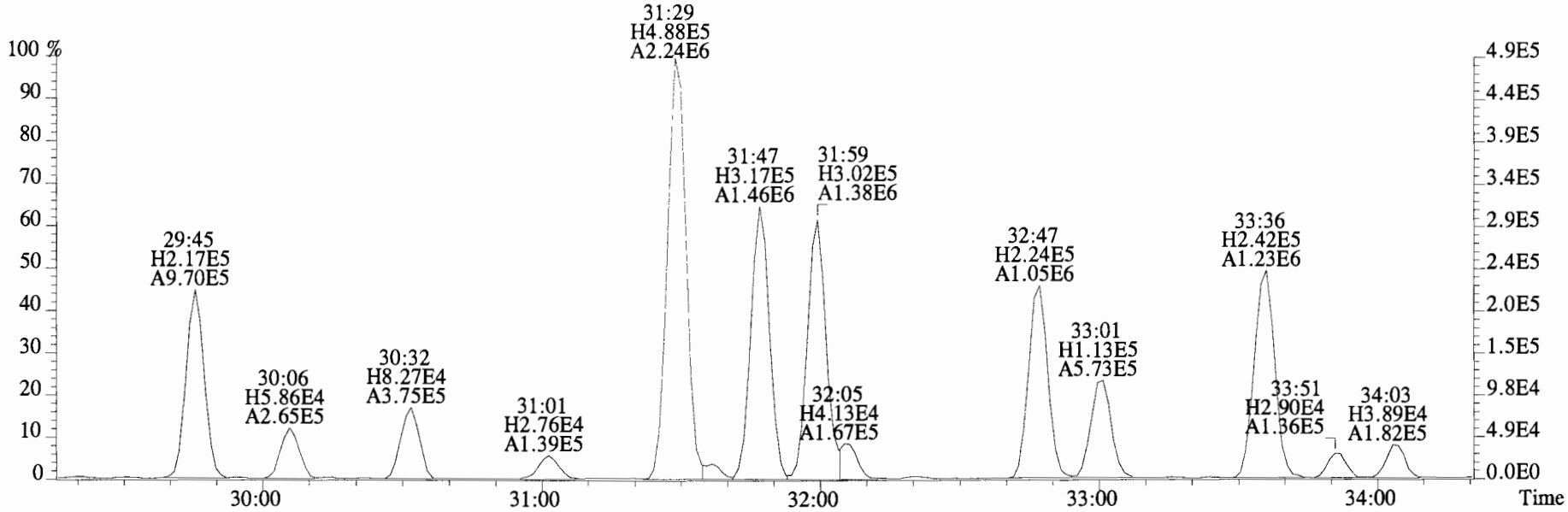
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



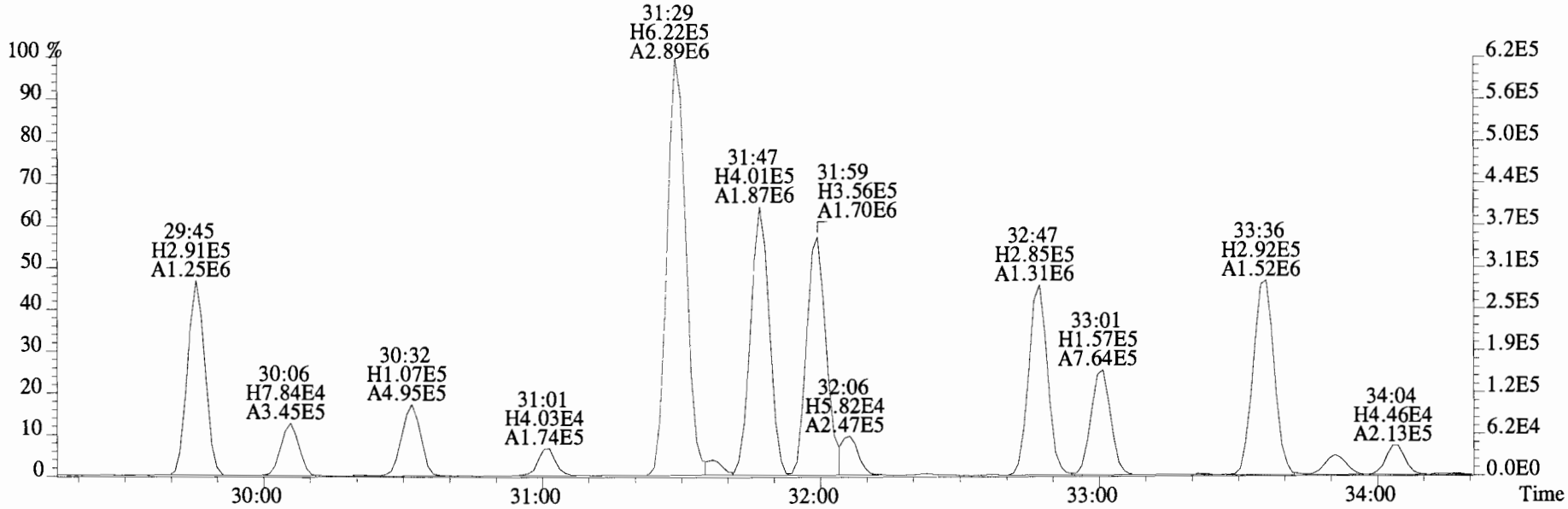
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



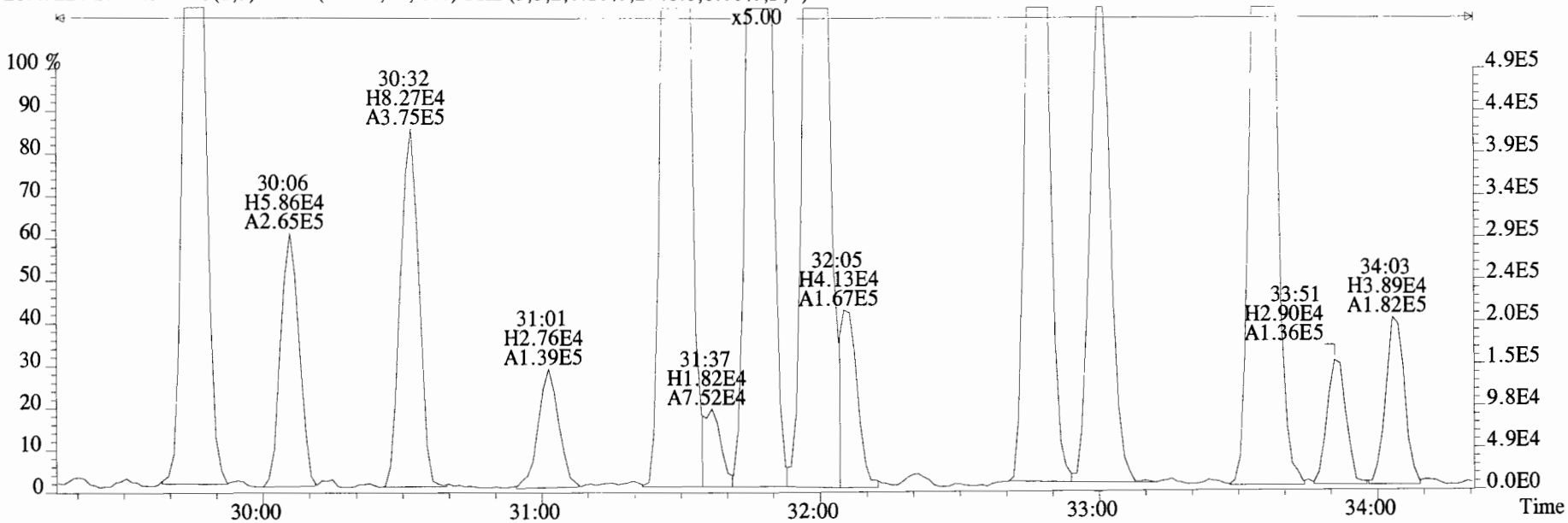
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



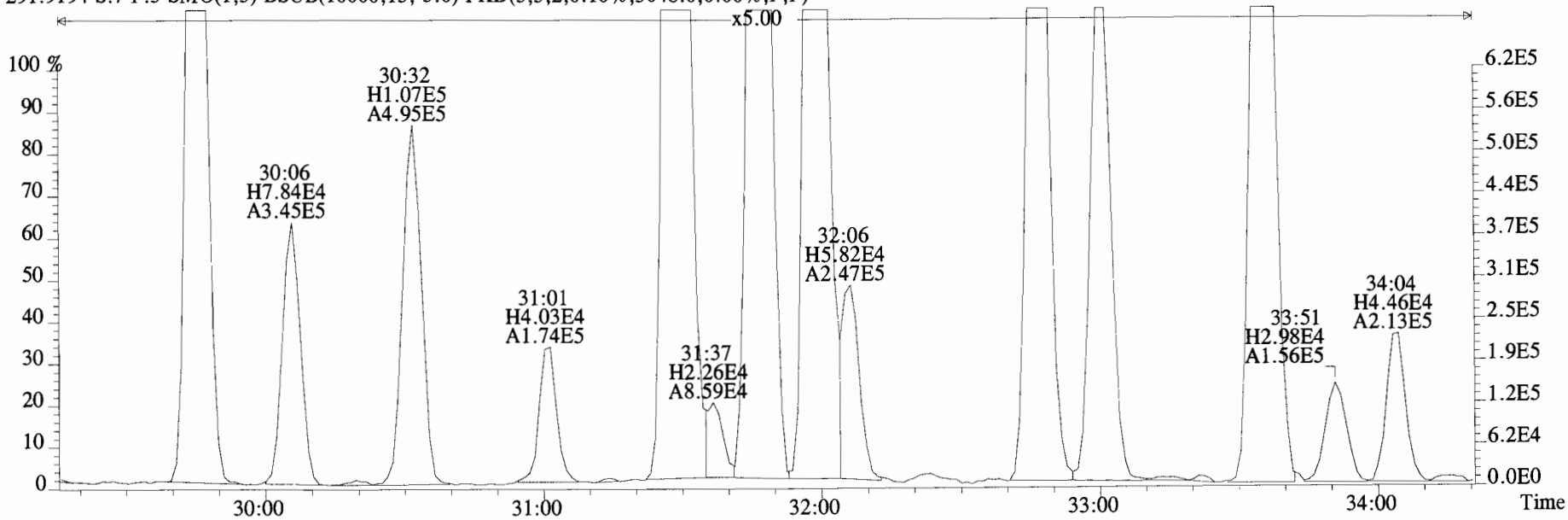
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



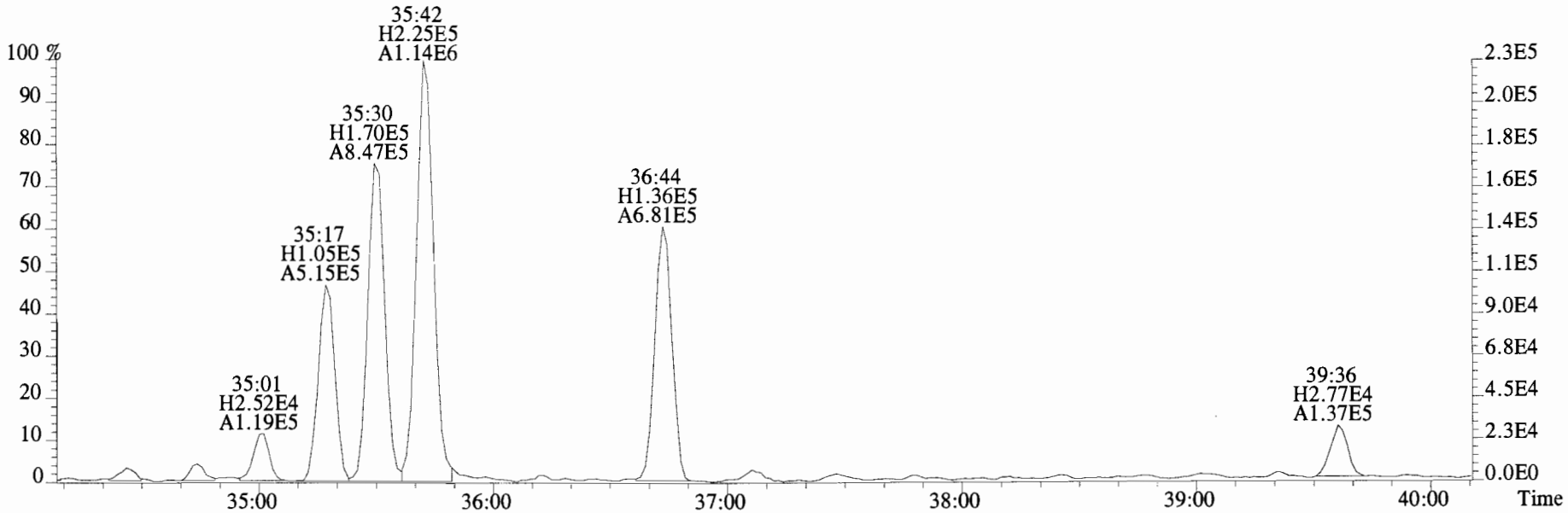
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



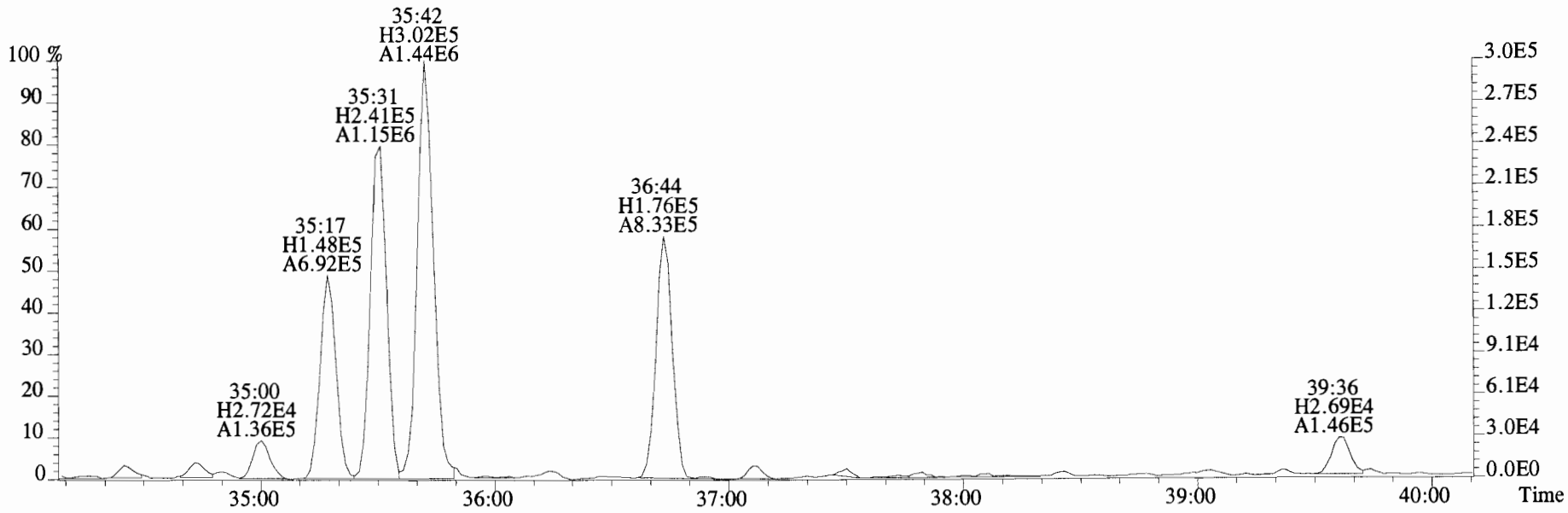
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



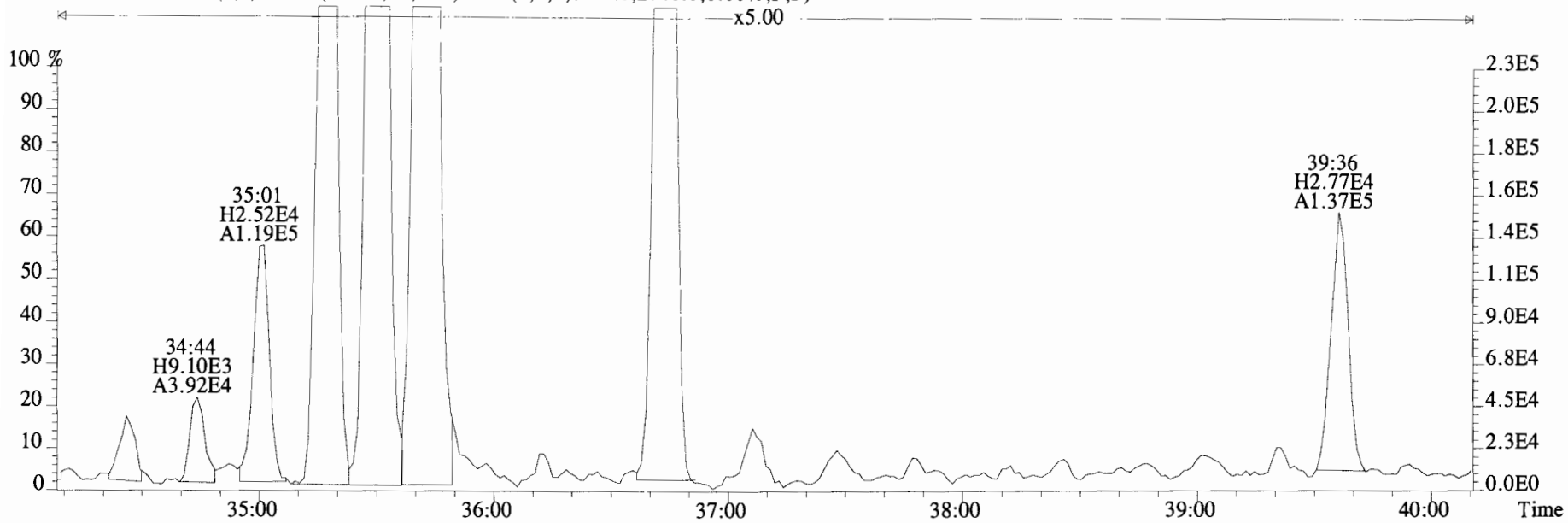
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



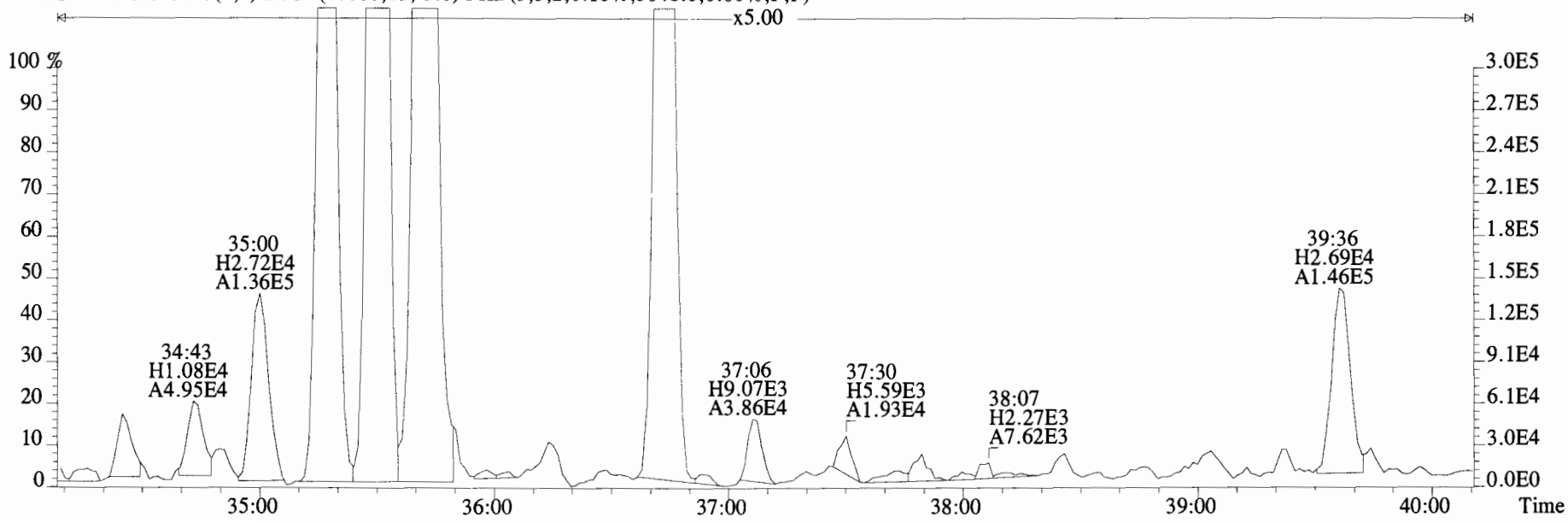
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



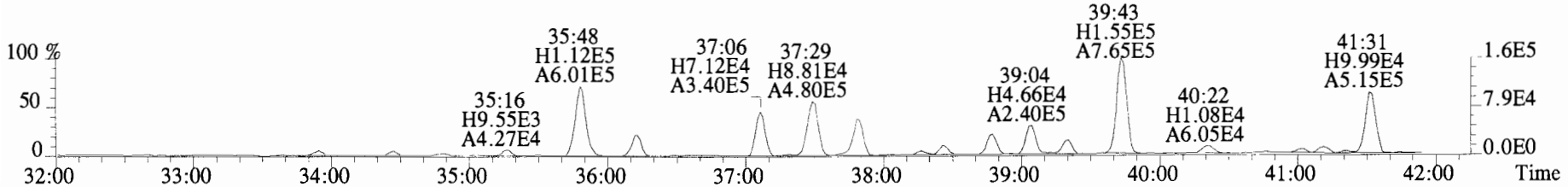
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2748.0,0.00%,F,F)



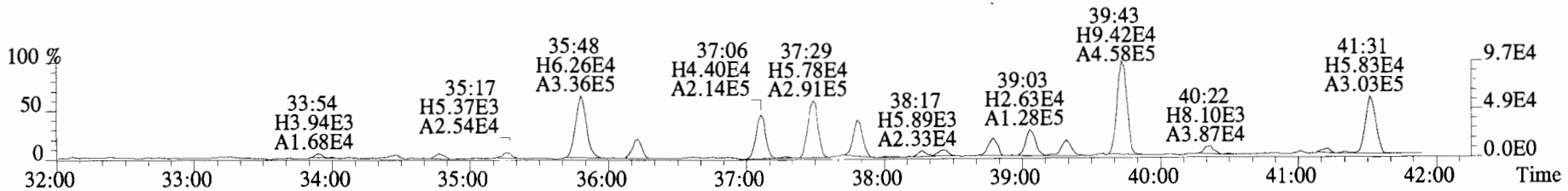
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



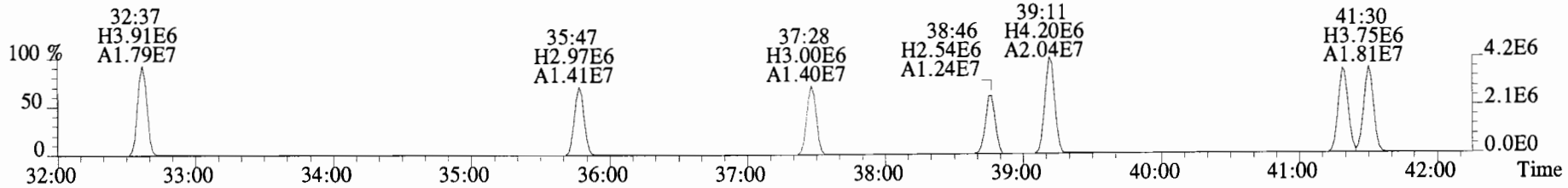
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



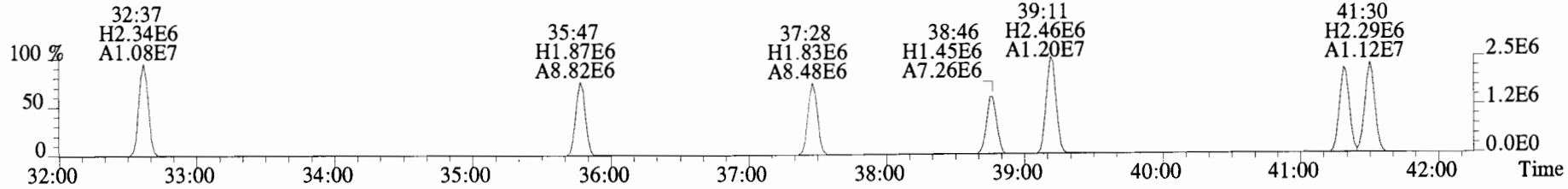
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



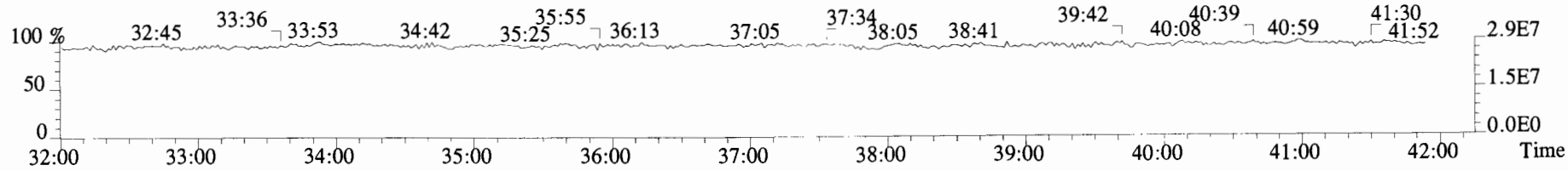
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2620.0,0.00%,F,F)



339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2676.0,0.00%,F,F)

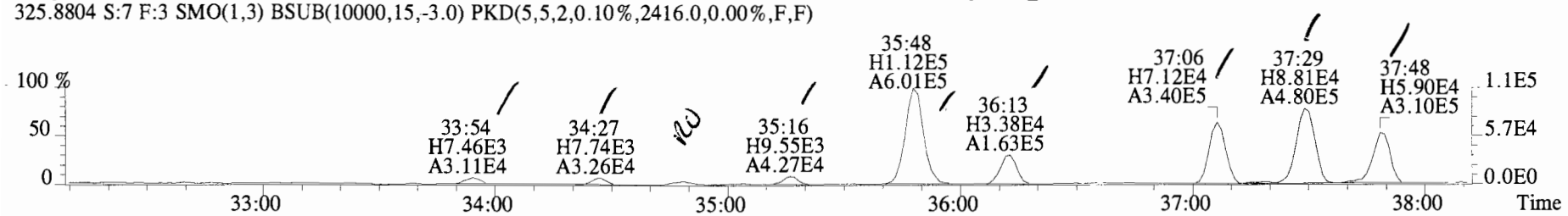


330.9792 S:7 F:3

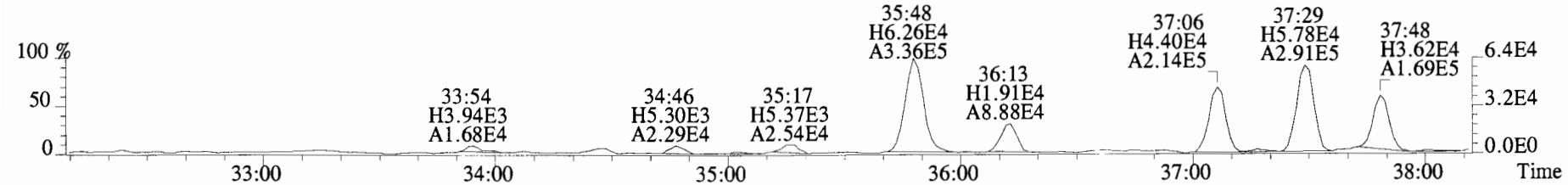


File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1

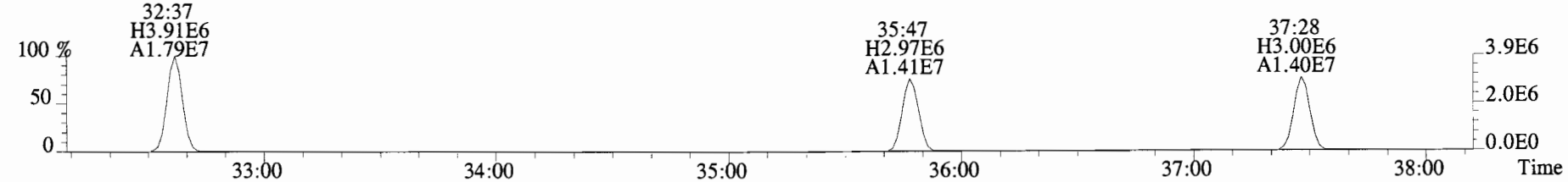
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



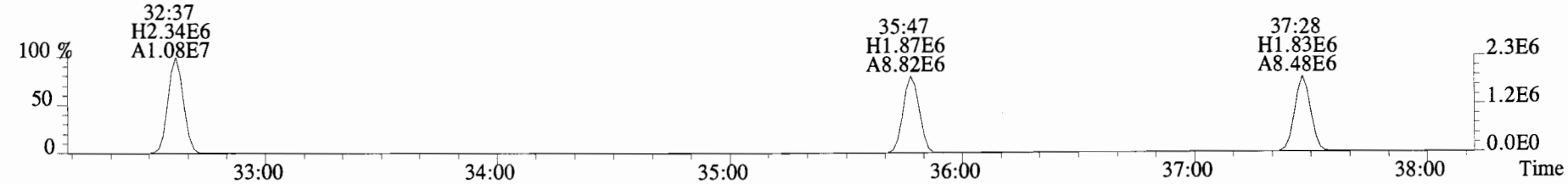
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



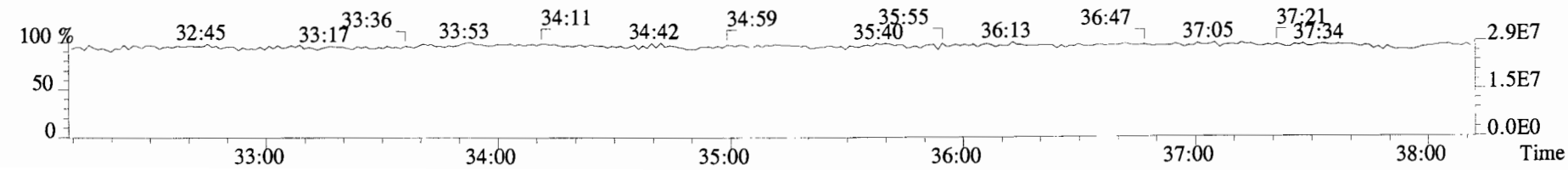
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2620.0,0.00%,F,F)



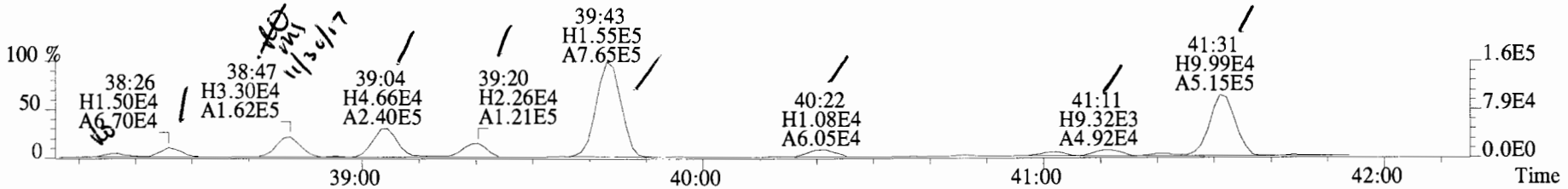
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2676.0,0.00%,F,F)



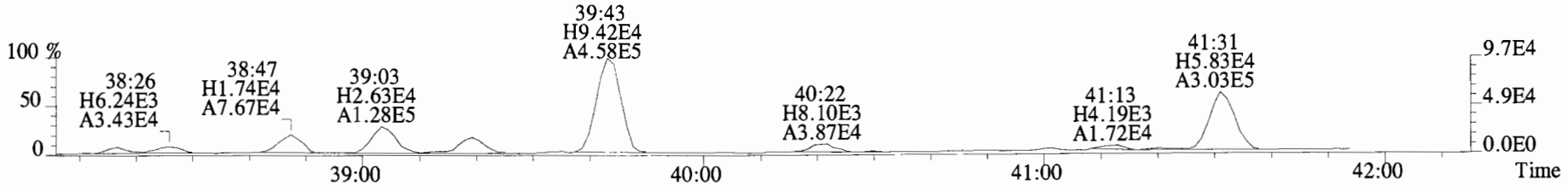
330.9792 S:7 F:3



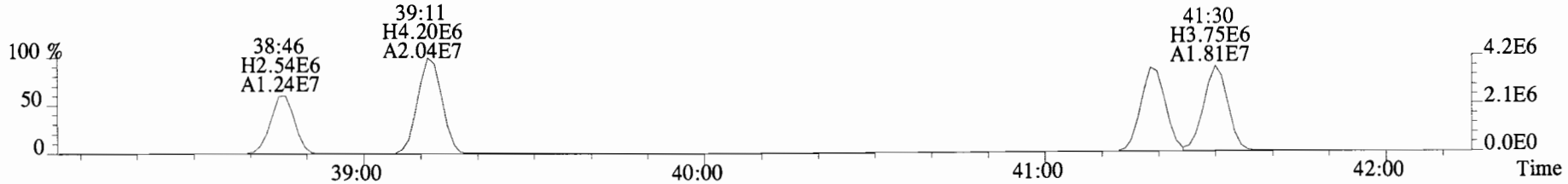
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



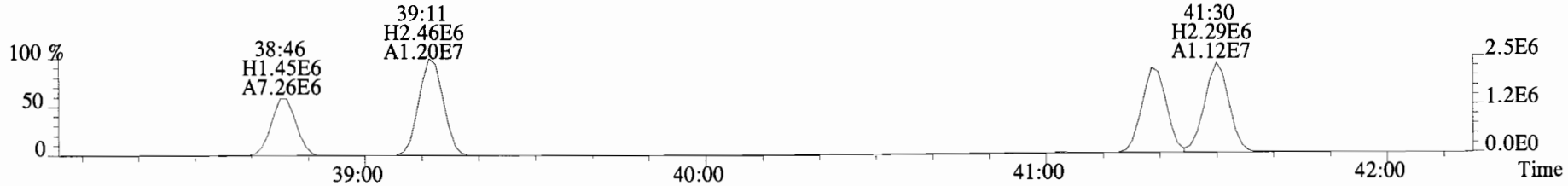
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



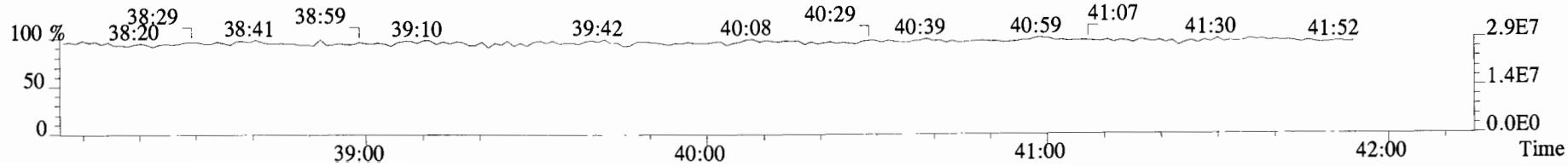
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2620.0,0.00%,F,F)



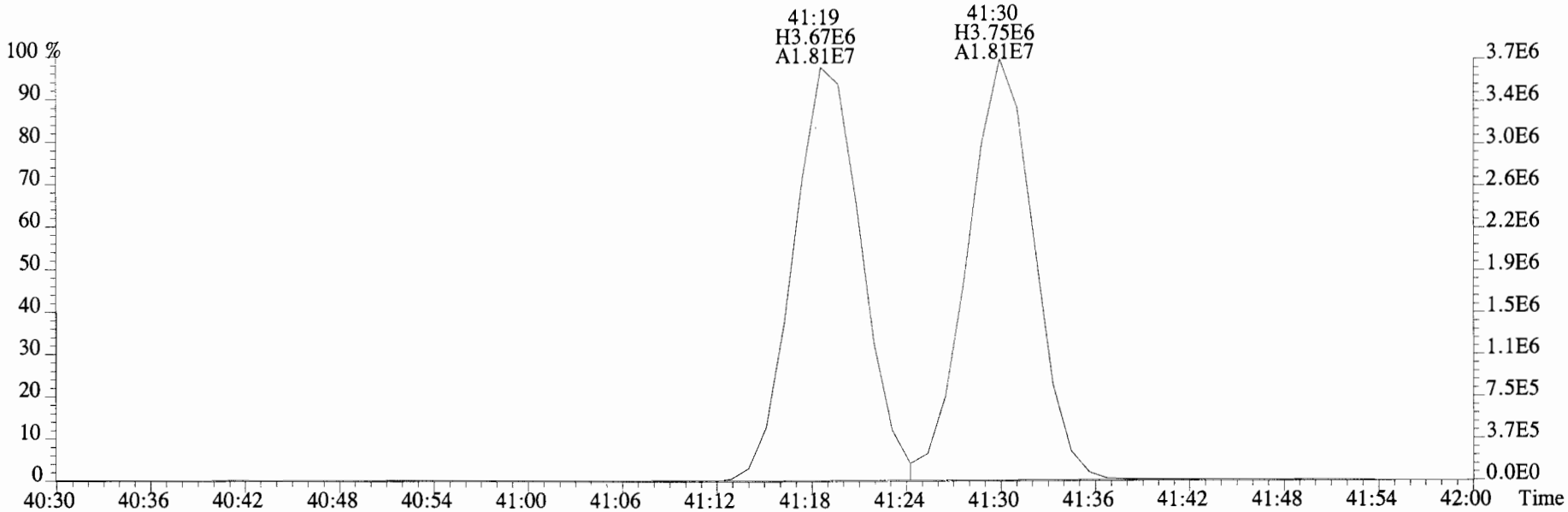
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2676.0,0.00%,F,F)



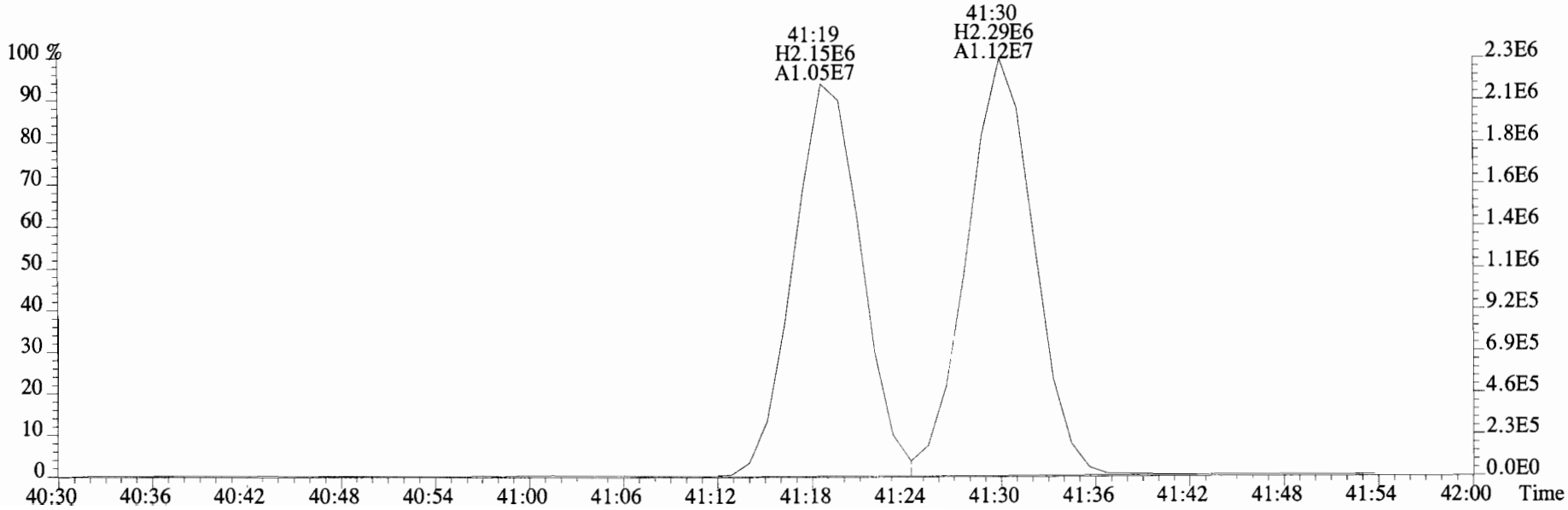
330.9792 S:7 F:3



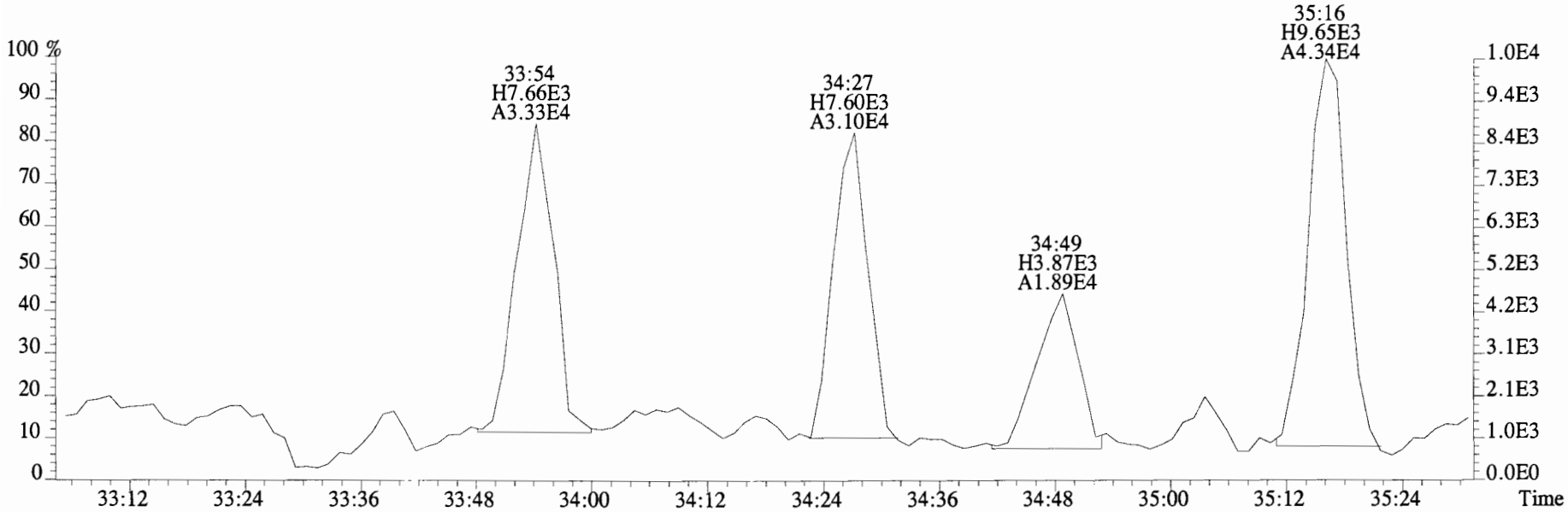
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2620.0,0.00%,F,F)



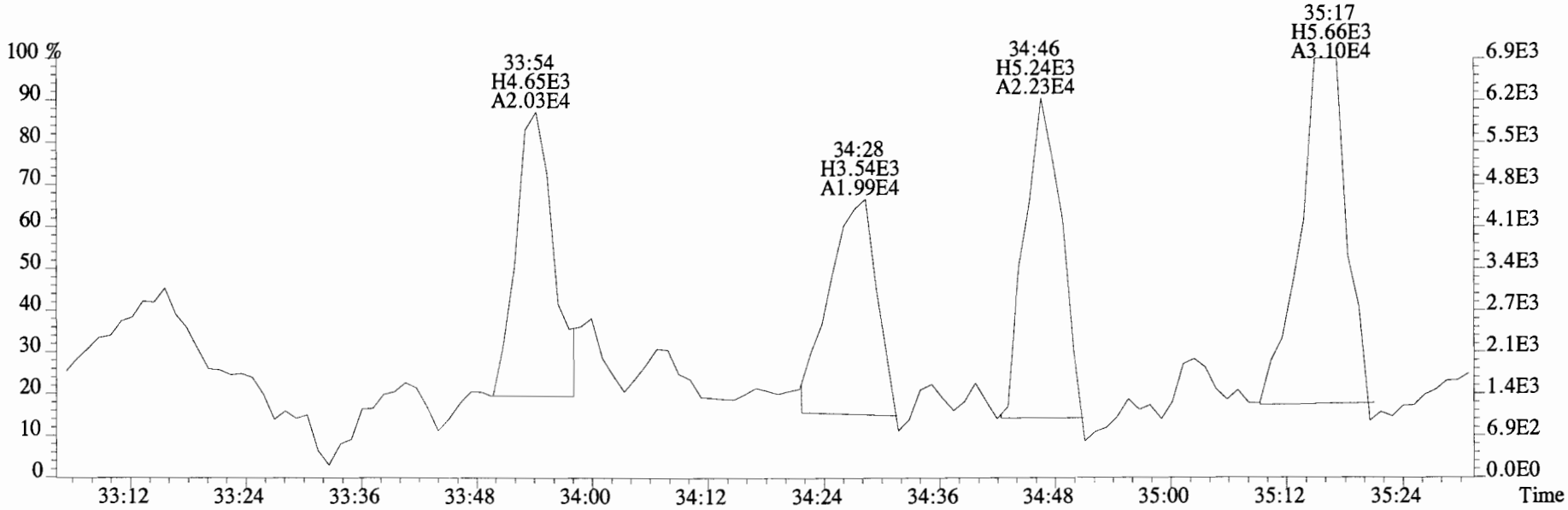
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2676.0,0.00%,F,F)



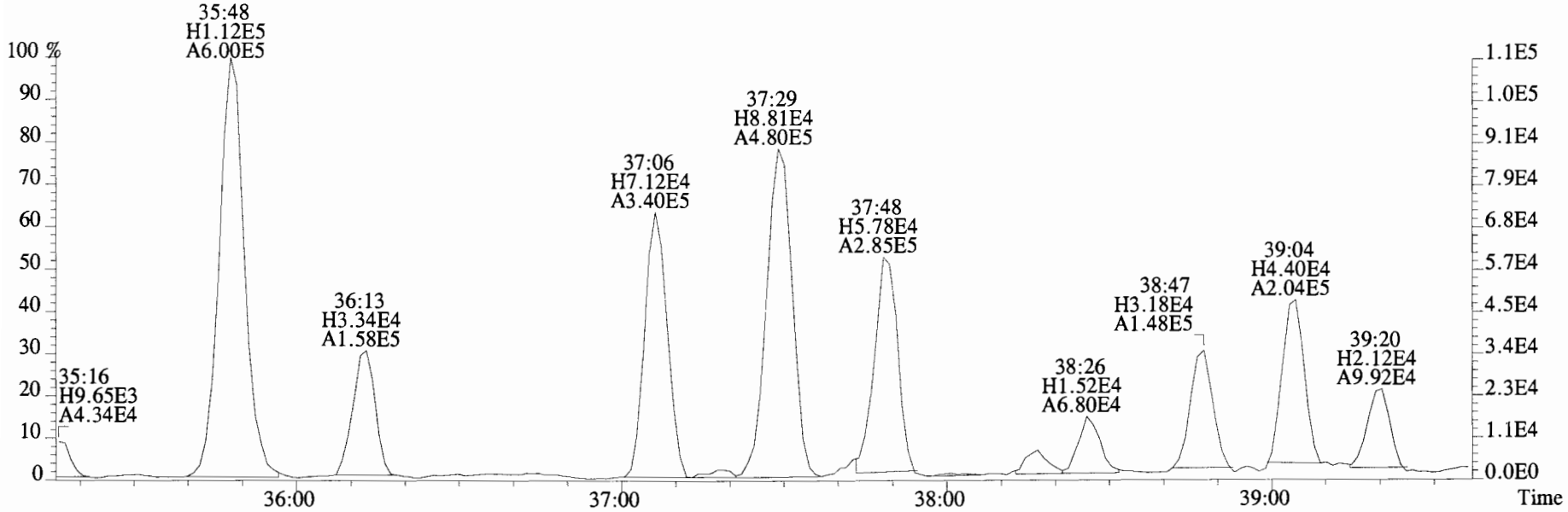
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



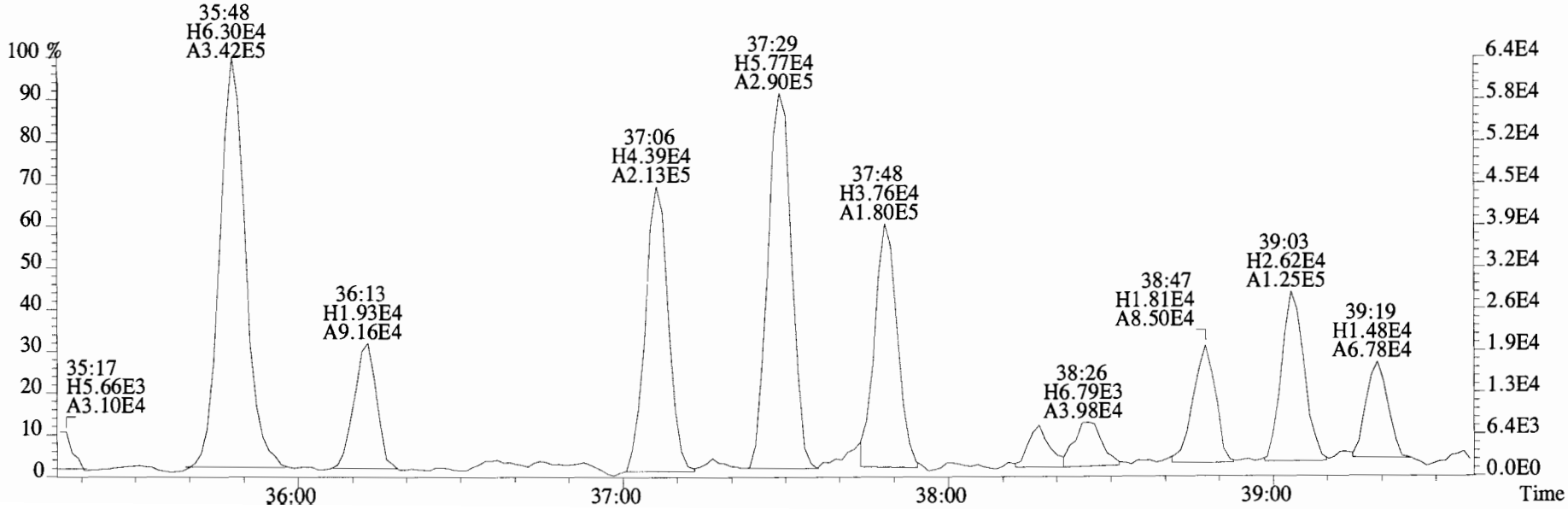
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



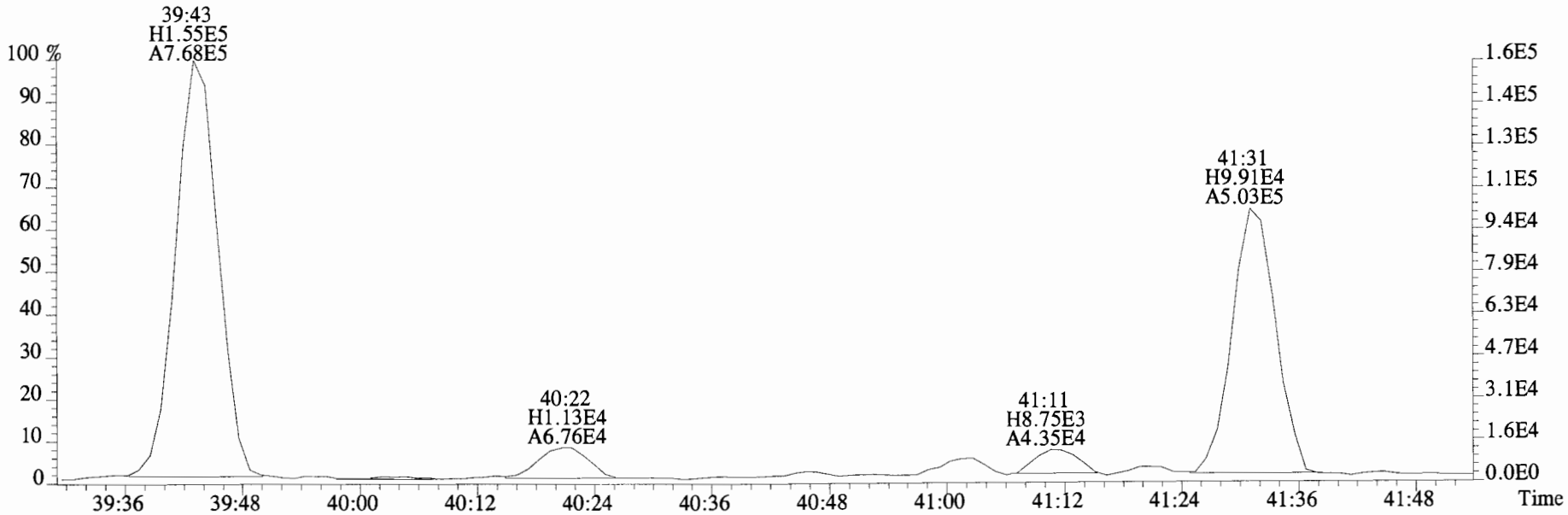
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



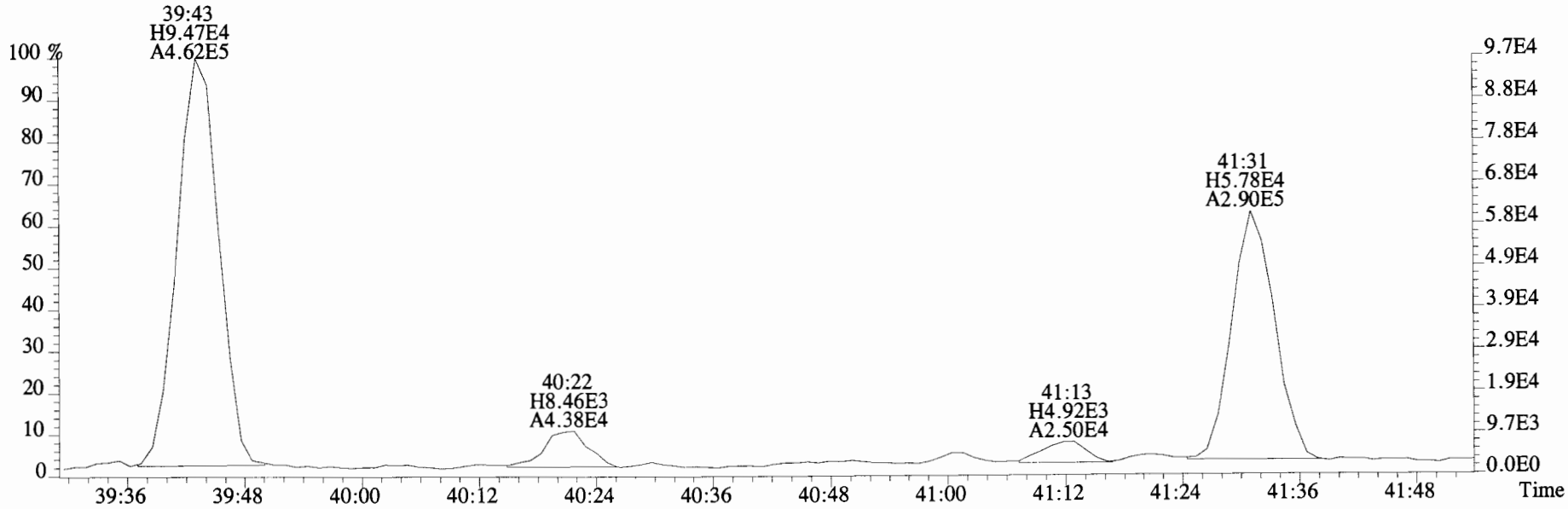
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



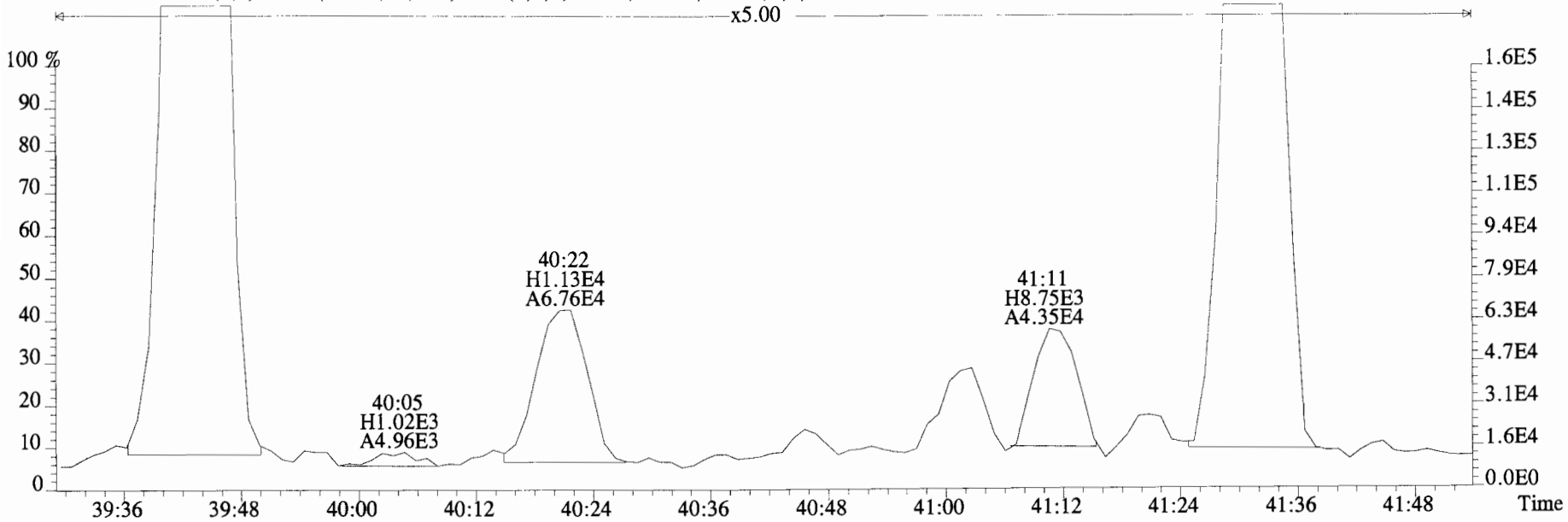
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



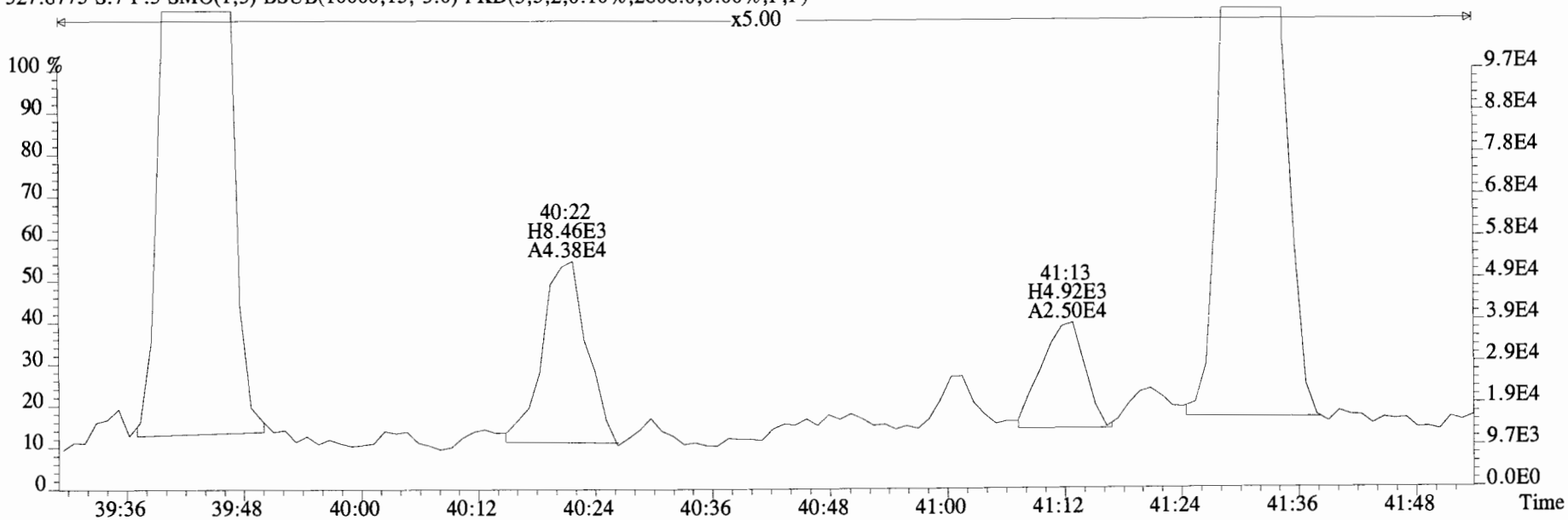
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)

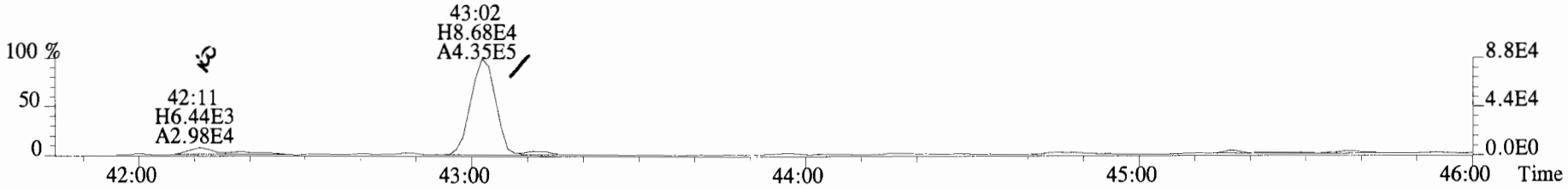


327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)

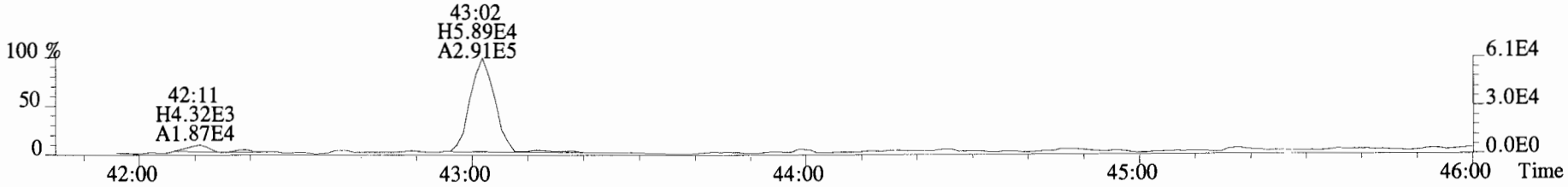


File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1

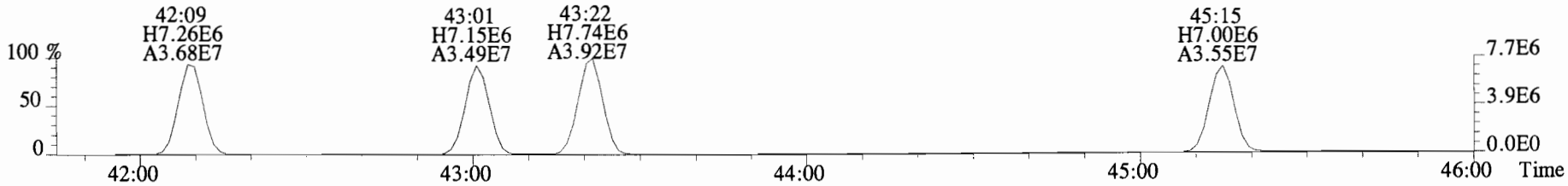
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



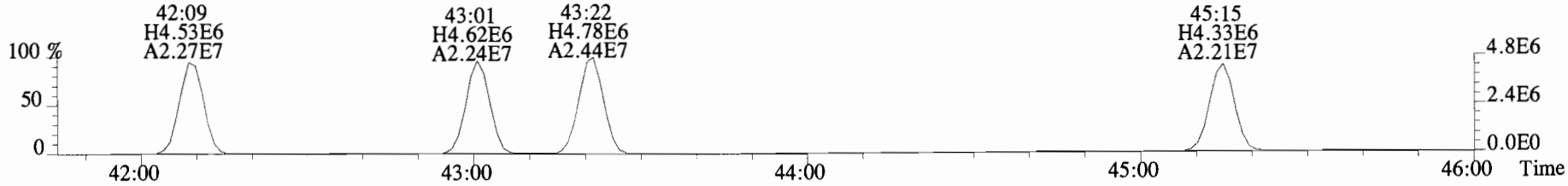
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



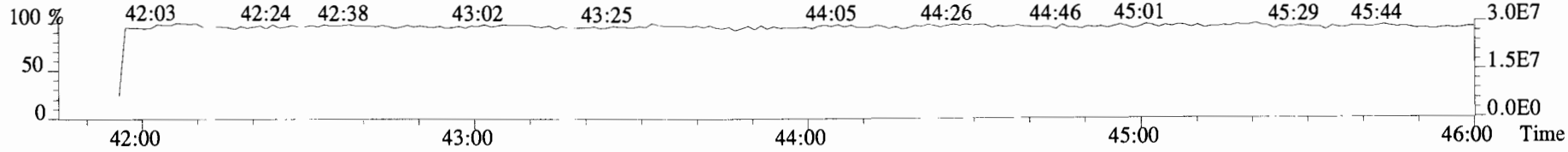
337.9207 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5812.0,0.00%,F,F)



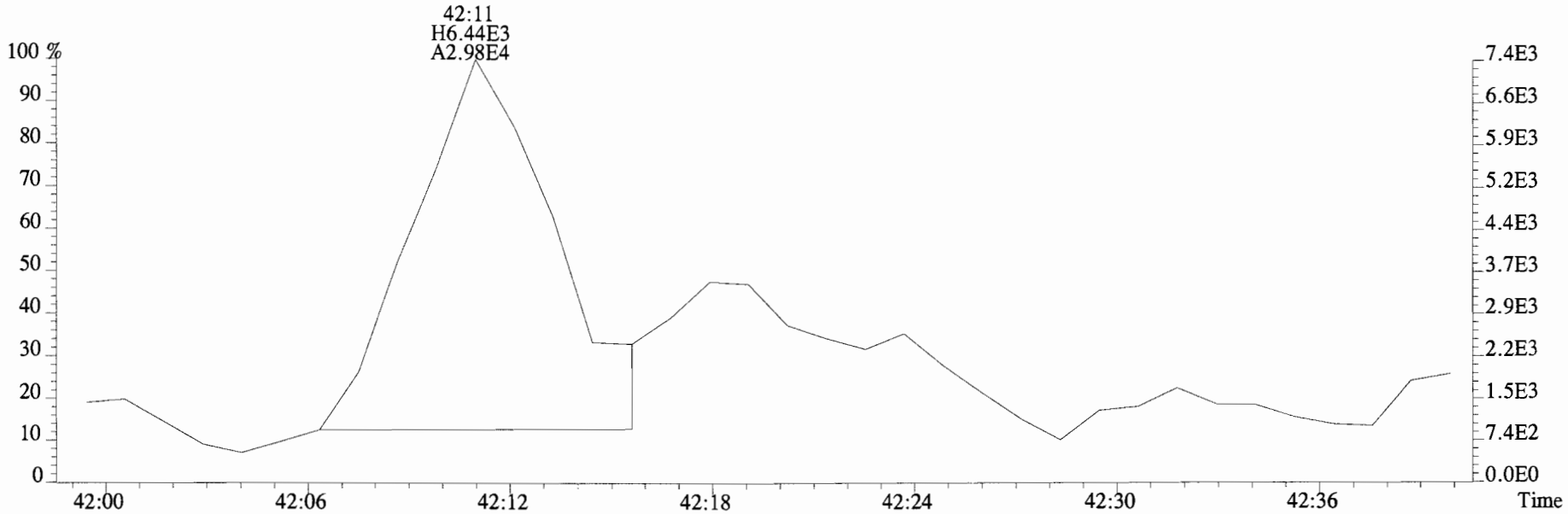
339.9177 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3928.0,0.00%,F,F)



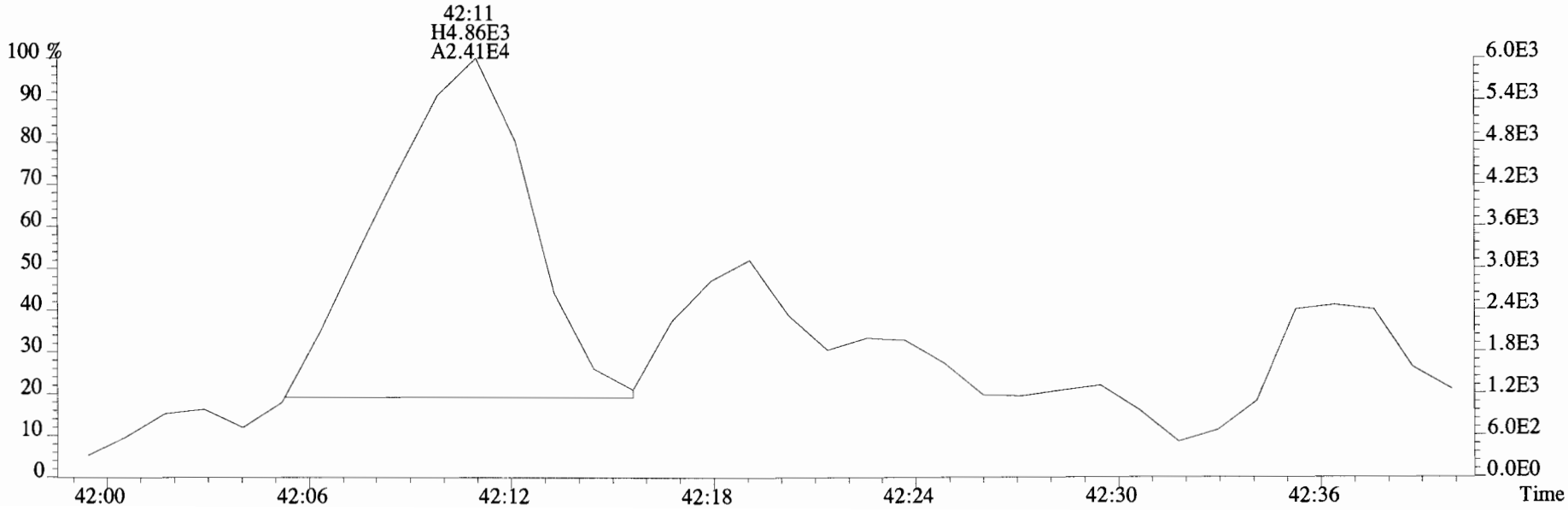
380.9760 S:7 F:4



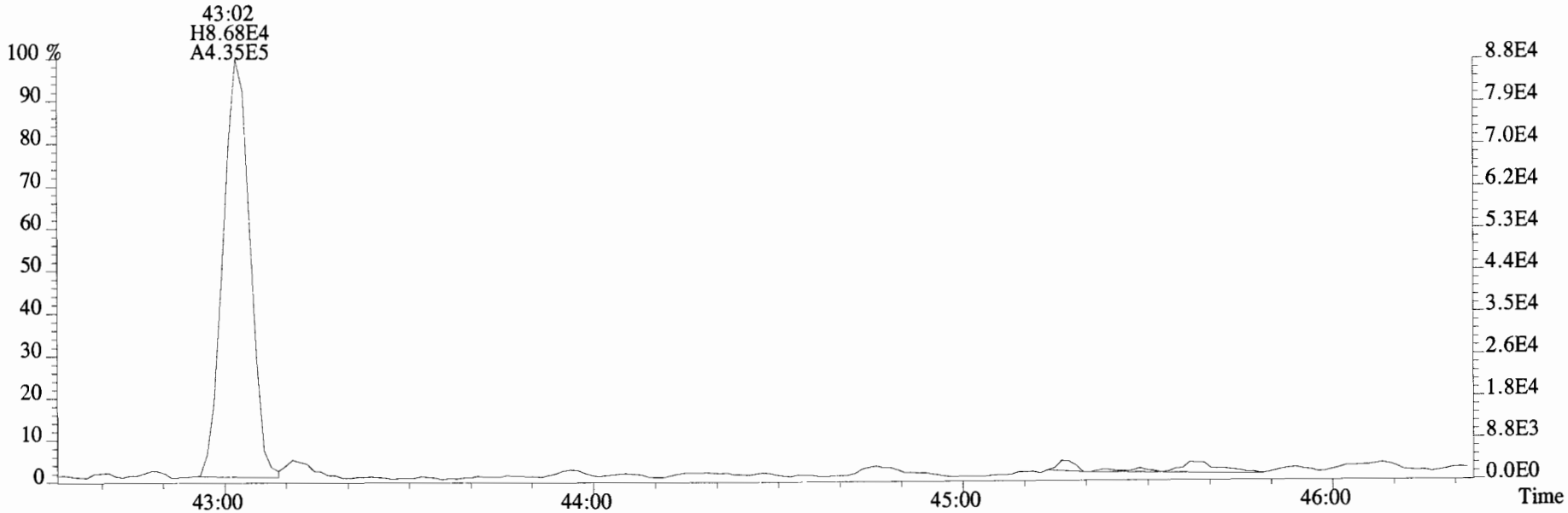
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



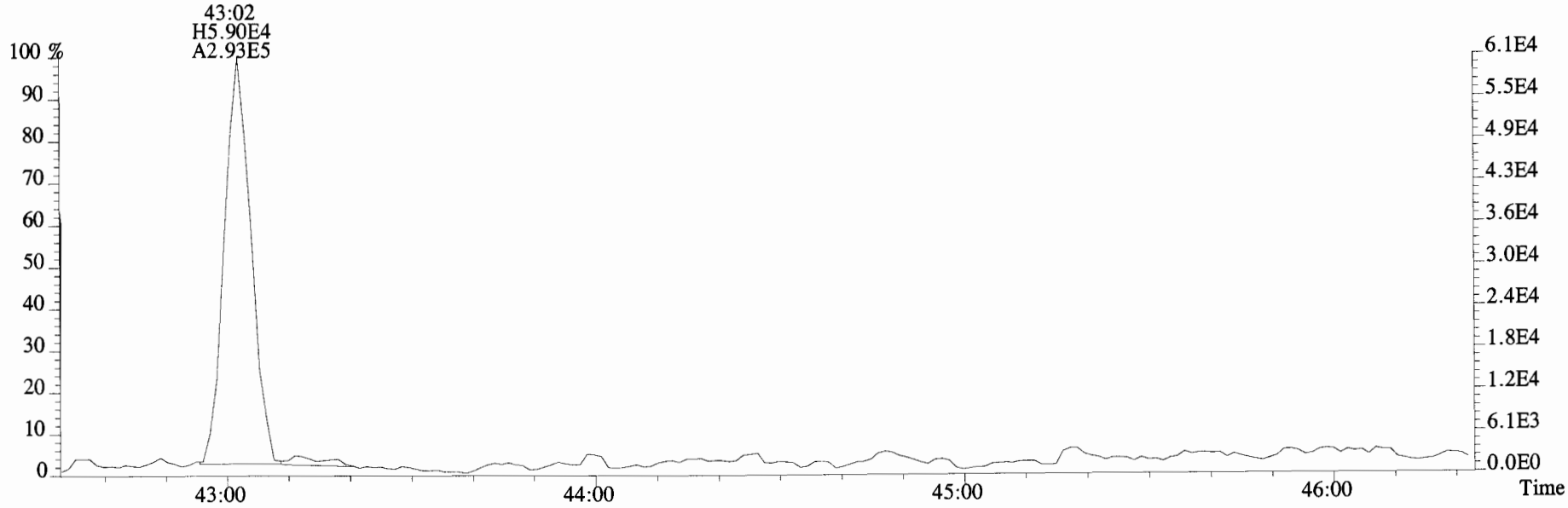
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



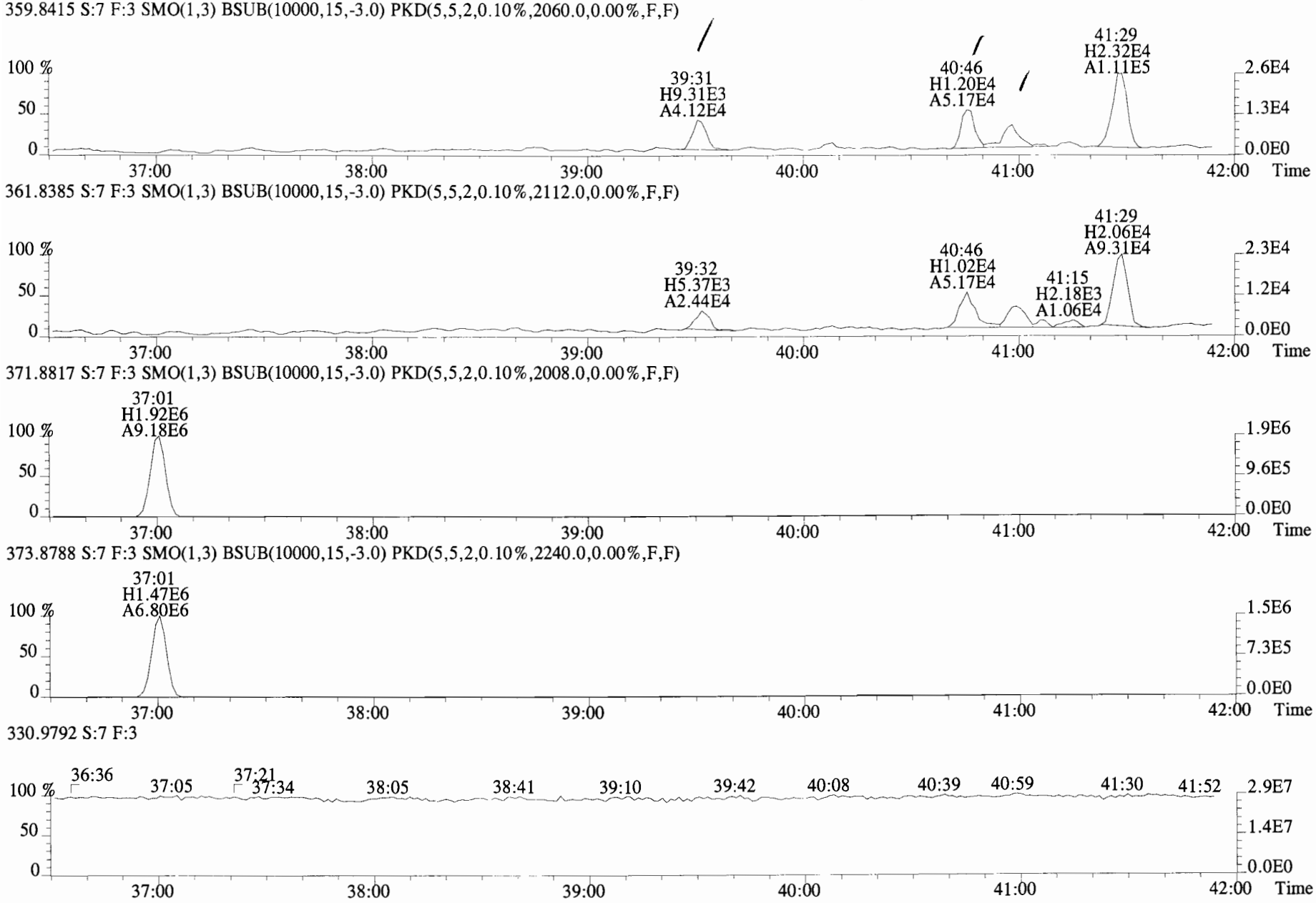
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



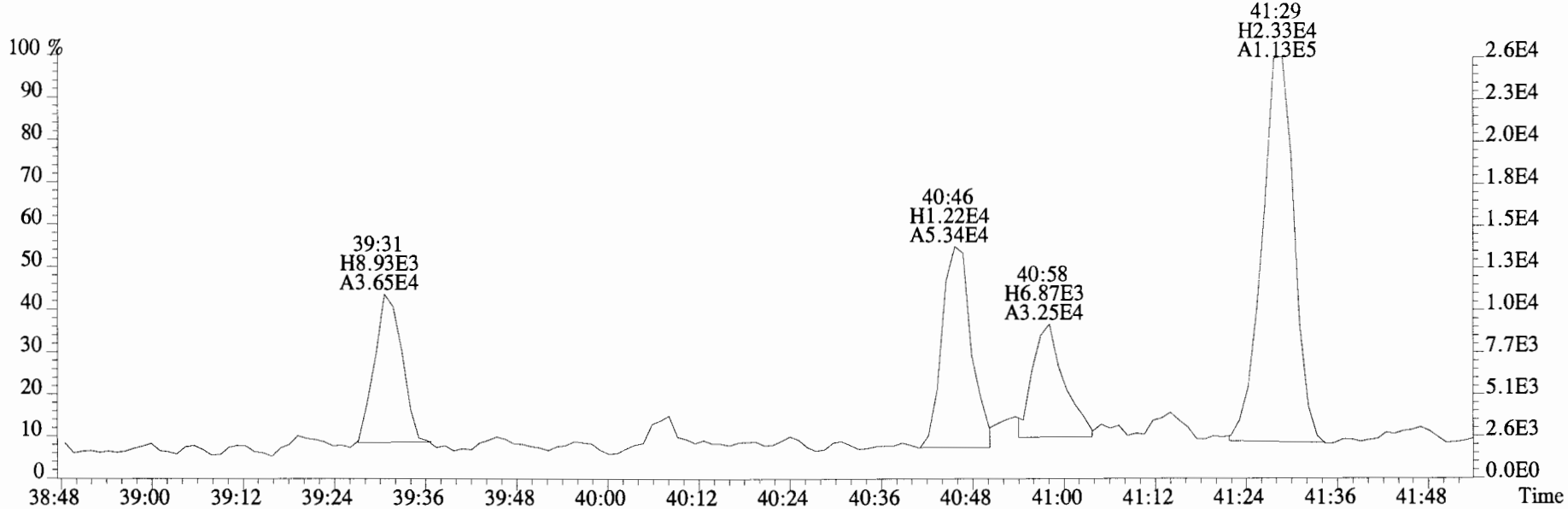
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



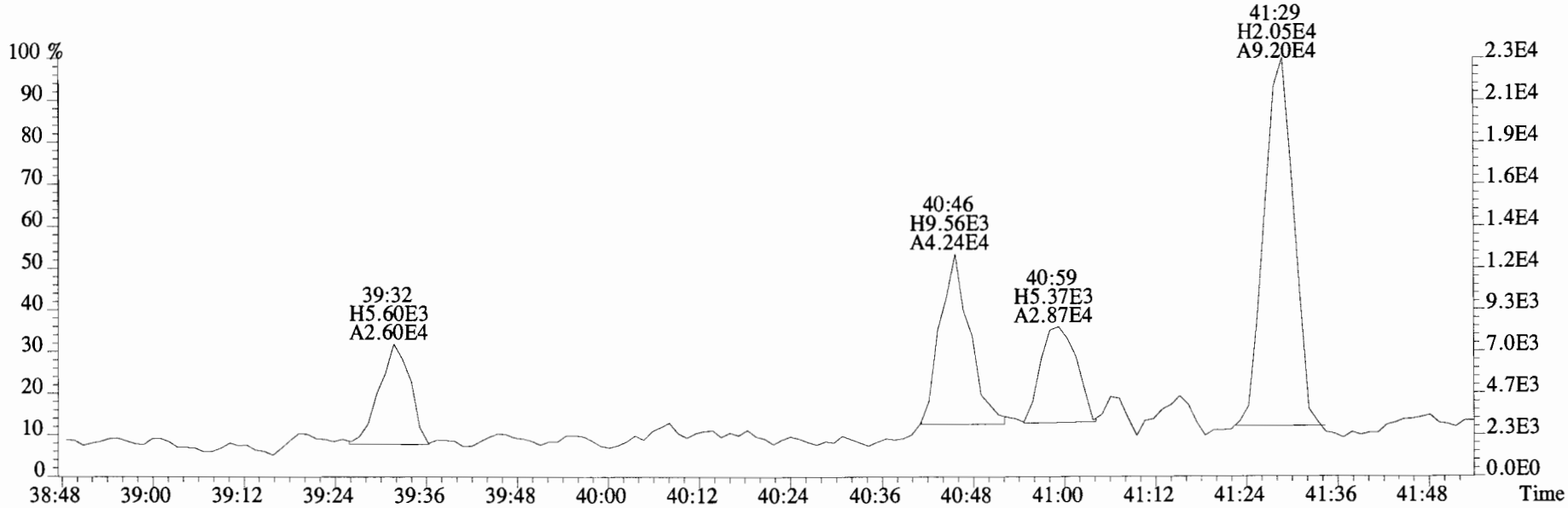
File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1



File:171108E3 #1-759 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)

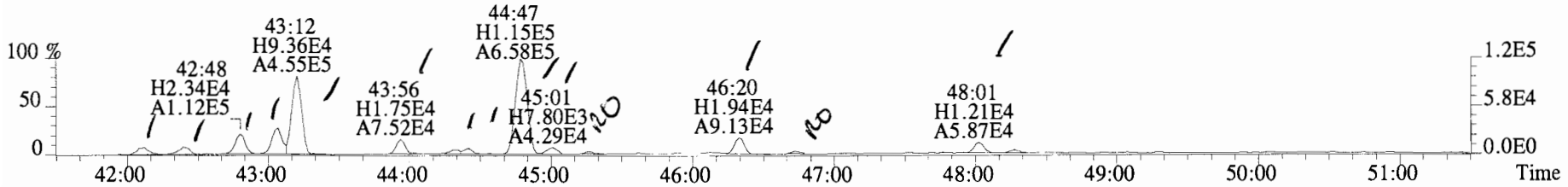


361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)

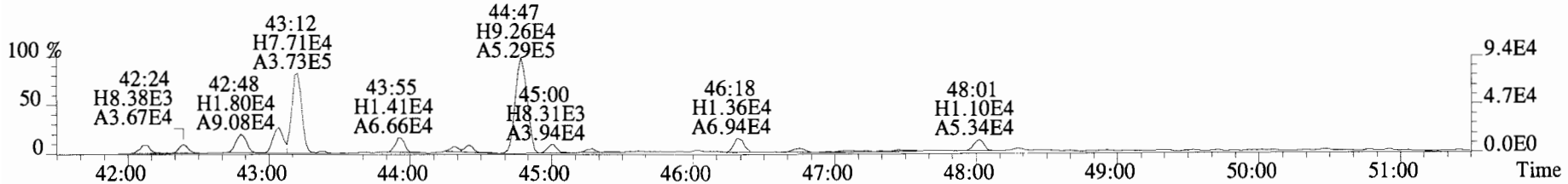


File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1

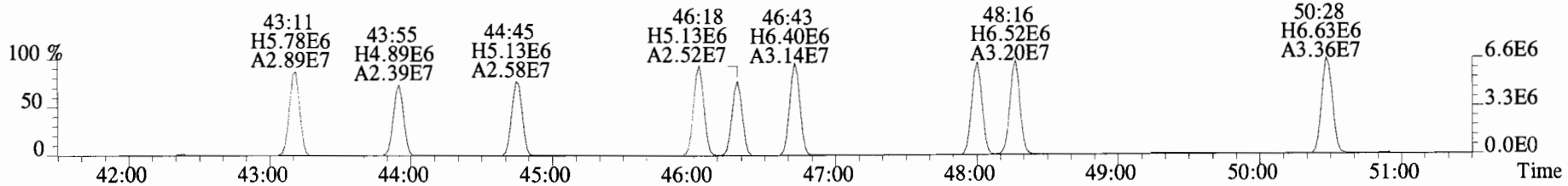
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2320.0,0.00%,F,F)



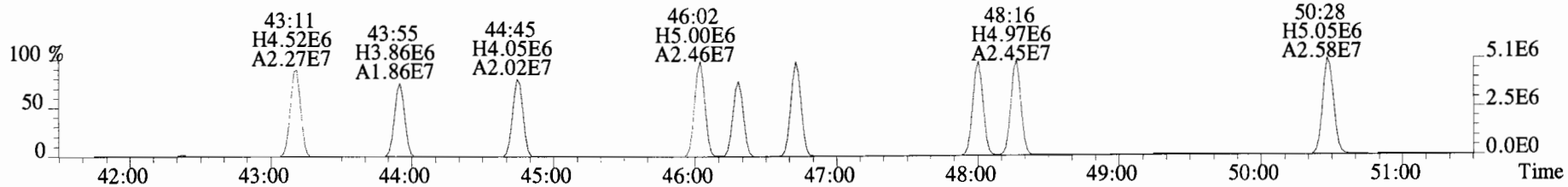
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



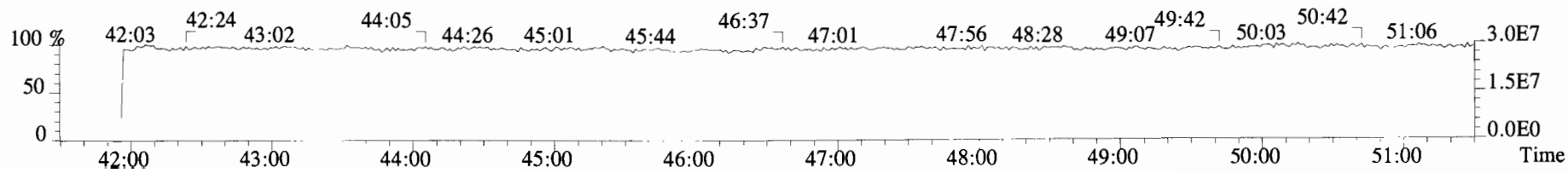
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5912.0,0.00%,F,F)



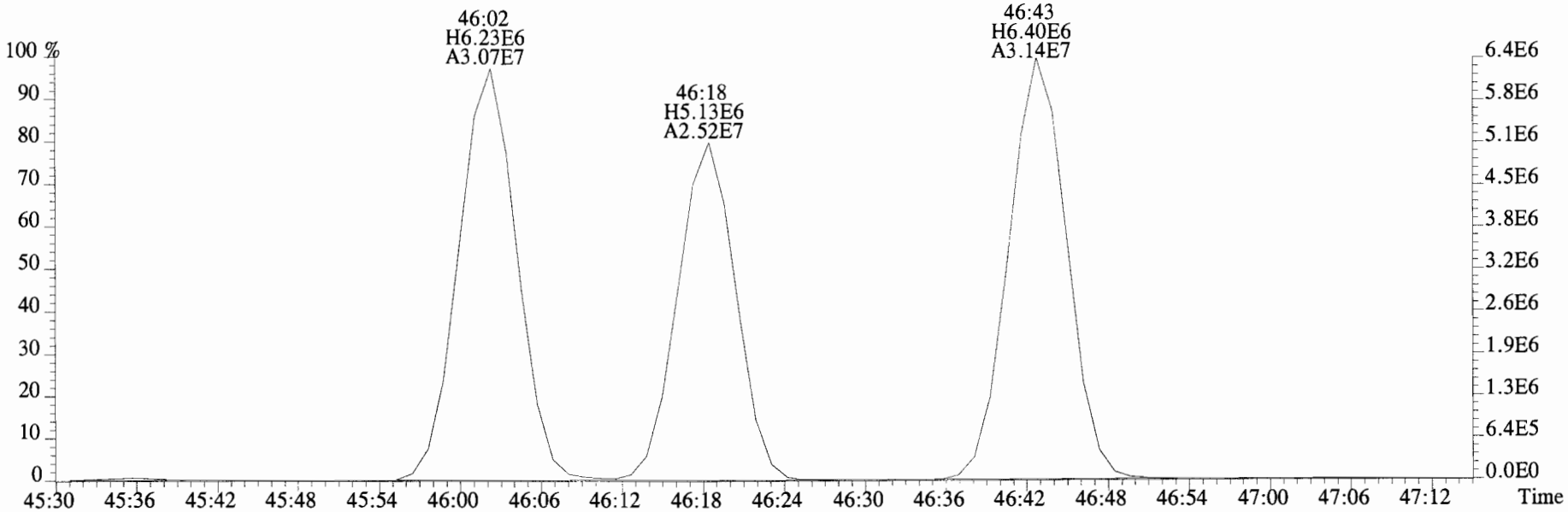
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5880.0,0.00%,F,F)



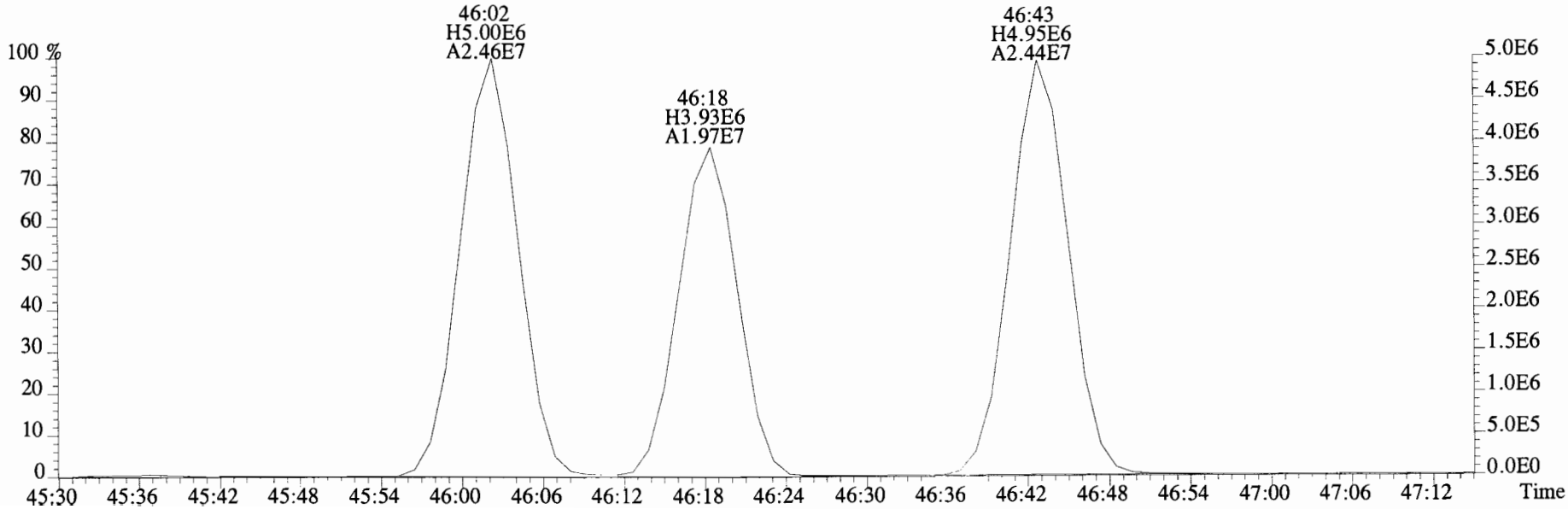
380.9760 S:7 F:4



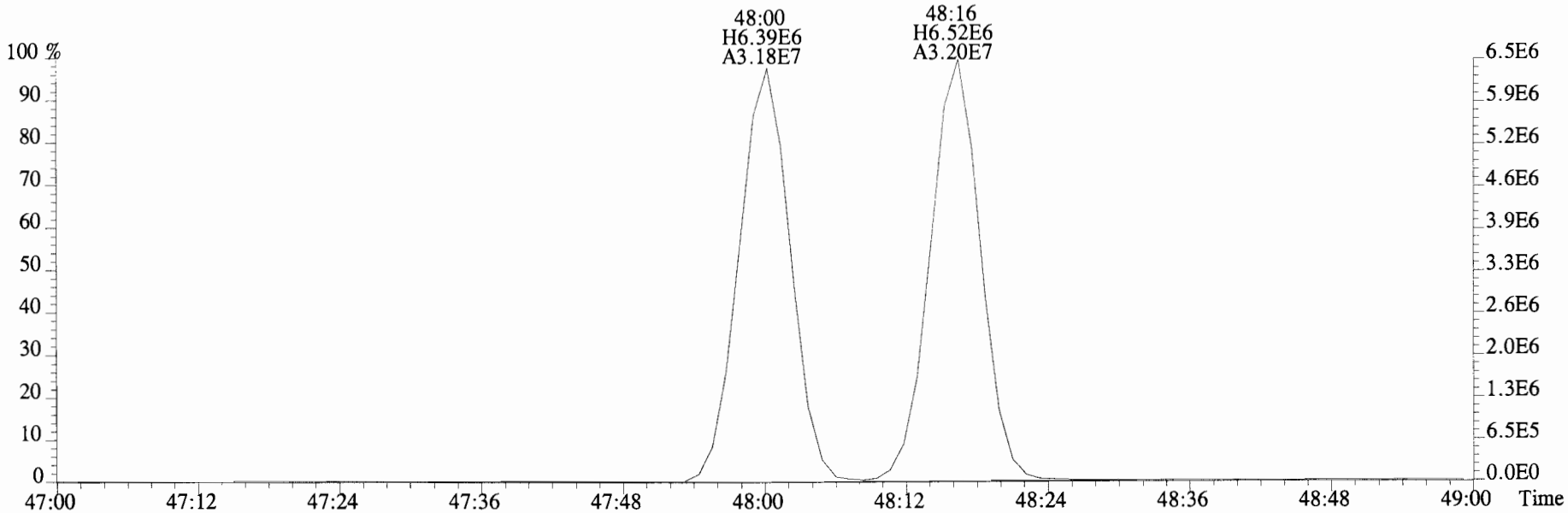
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5912.0,0.00%,F,F)



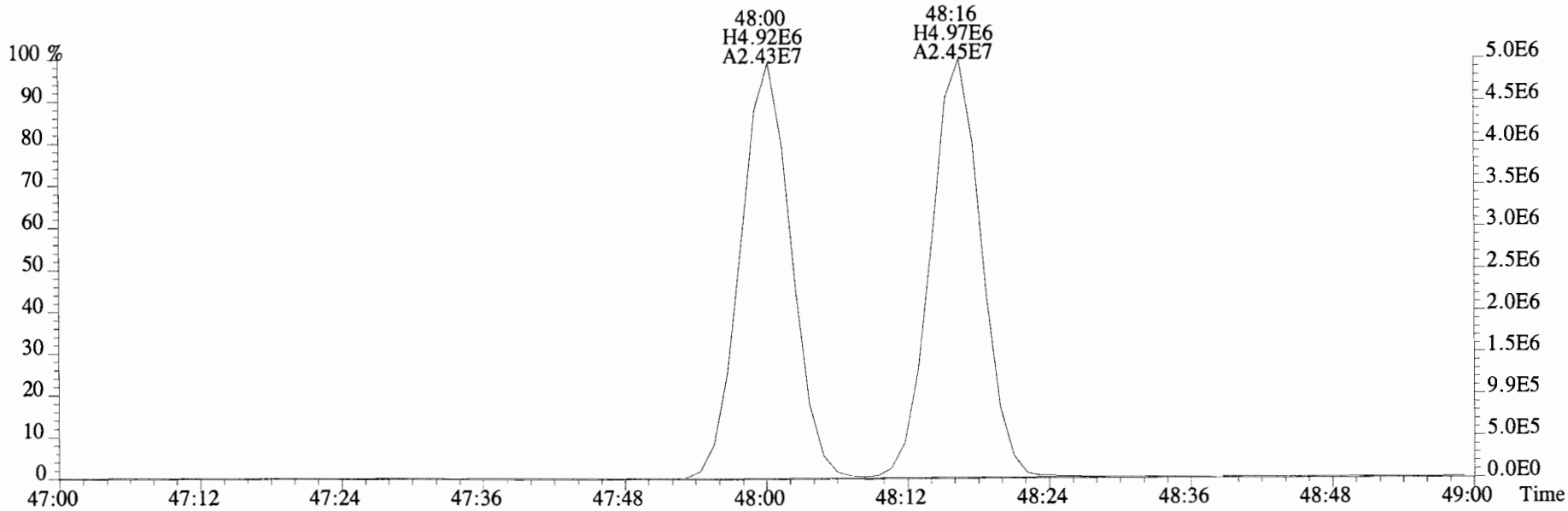
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5880.0,0.00%,F,F)



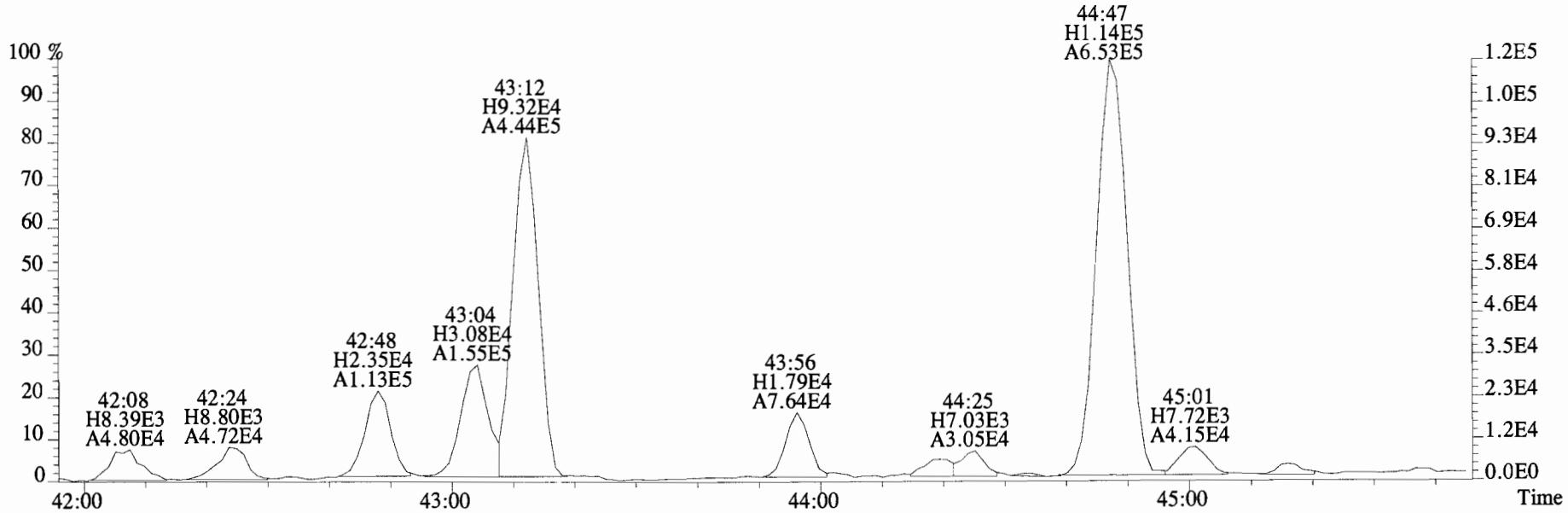
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5912.0,0.00%,F,F)



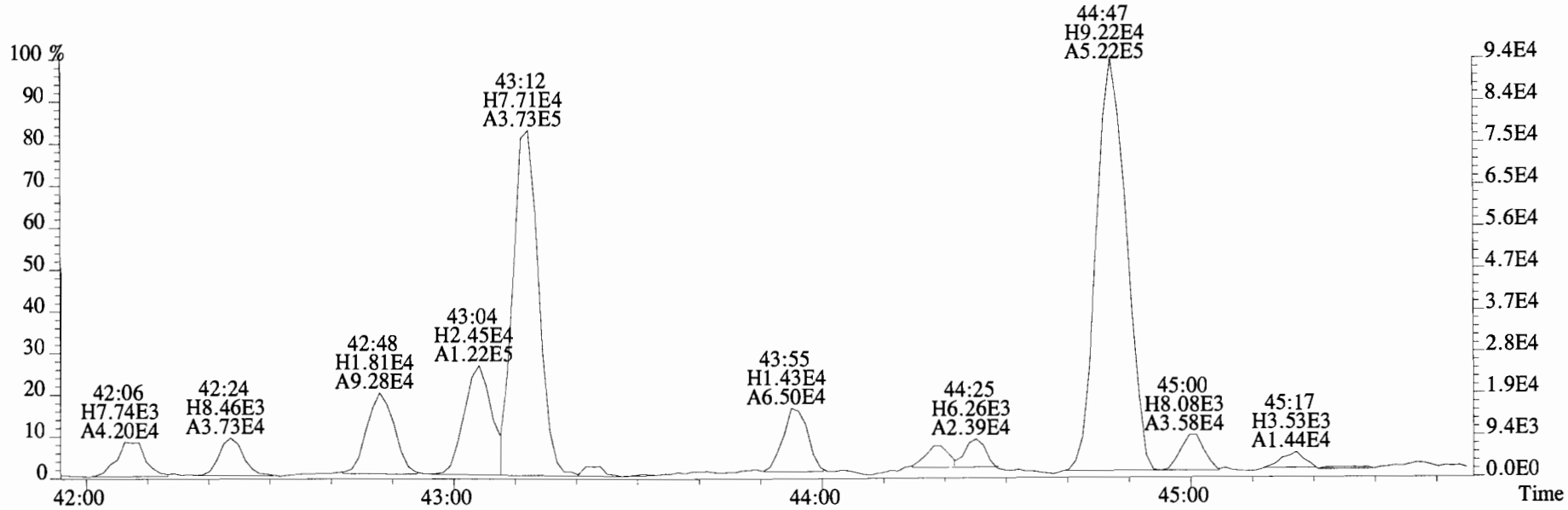
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5880.0,0.00%,F,F)



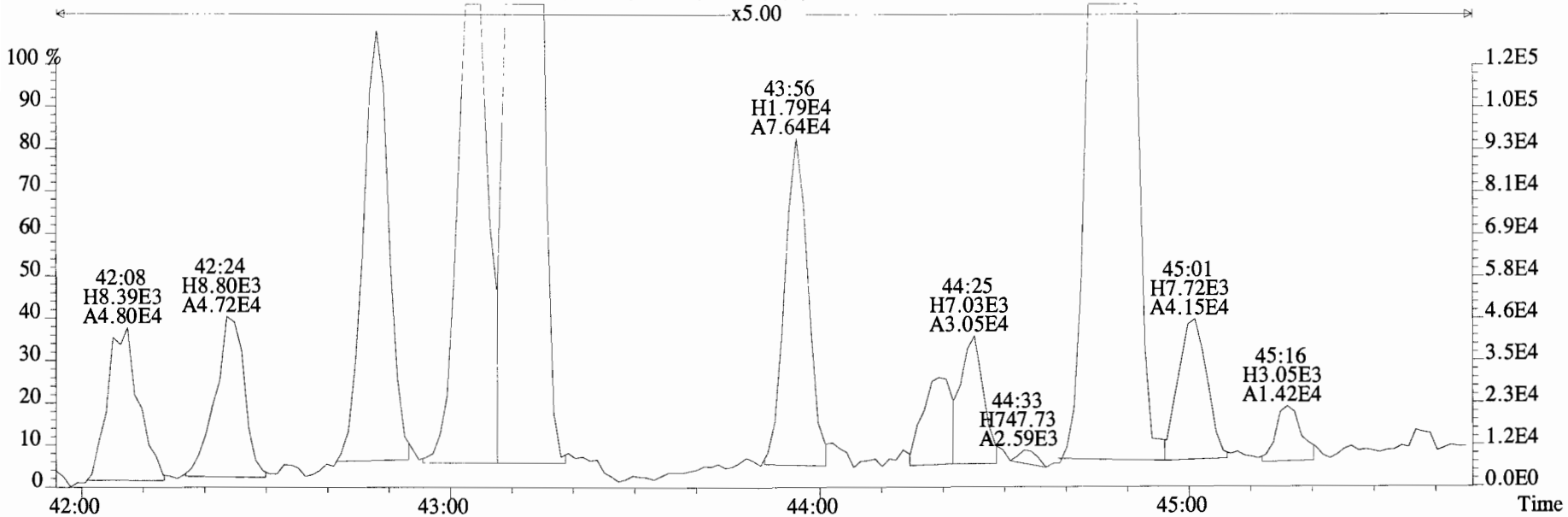
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2320.0,0.00%,F,F)



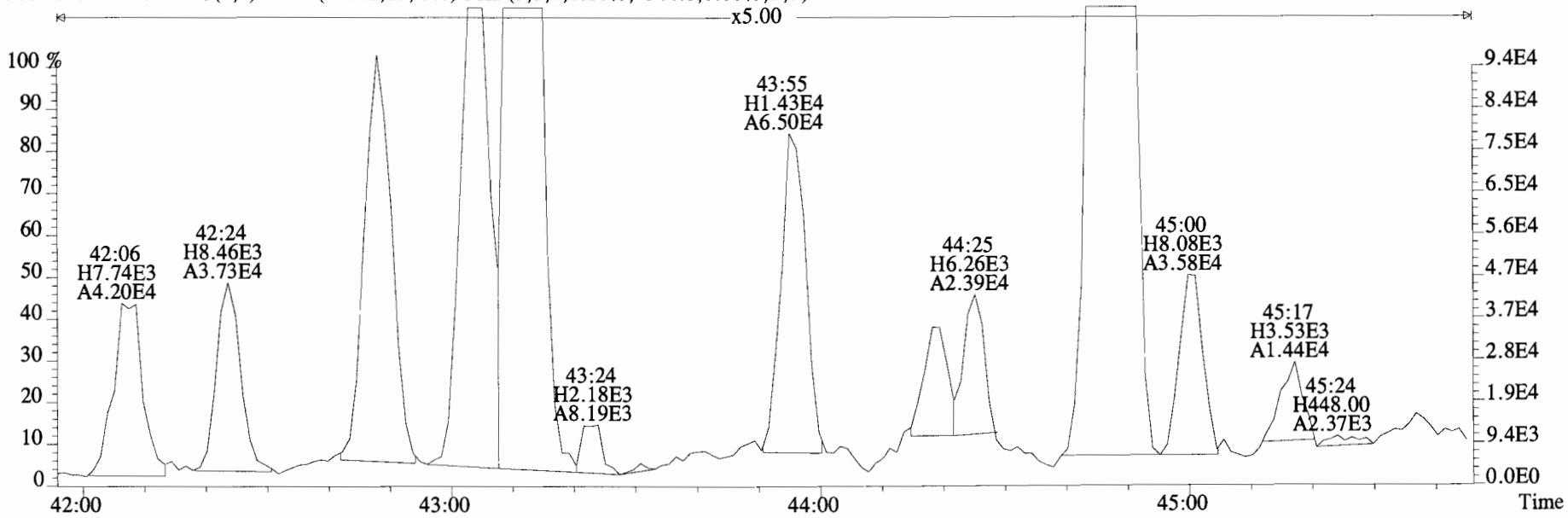
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



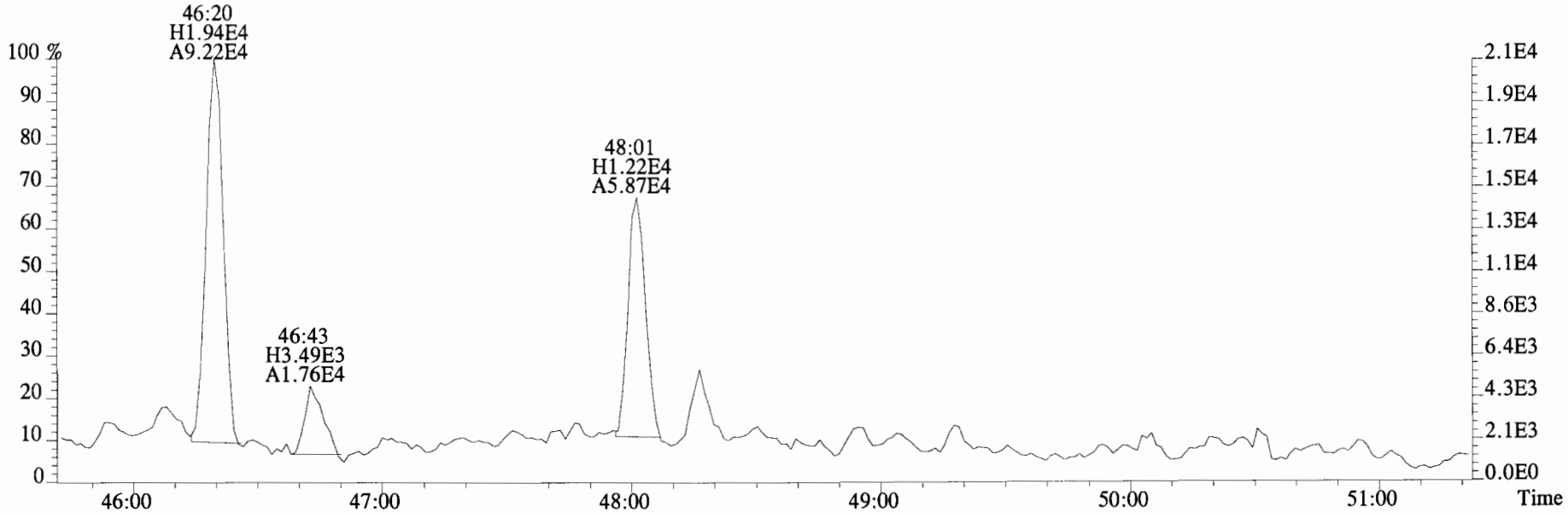
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2320.0,0.00%,F,F)



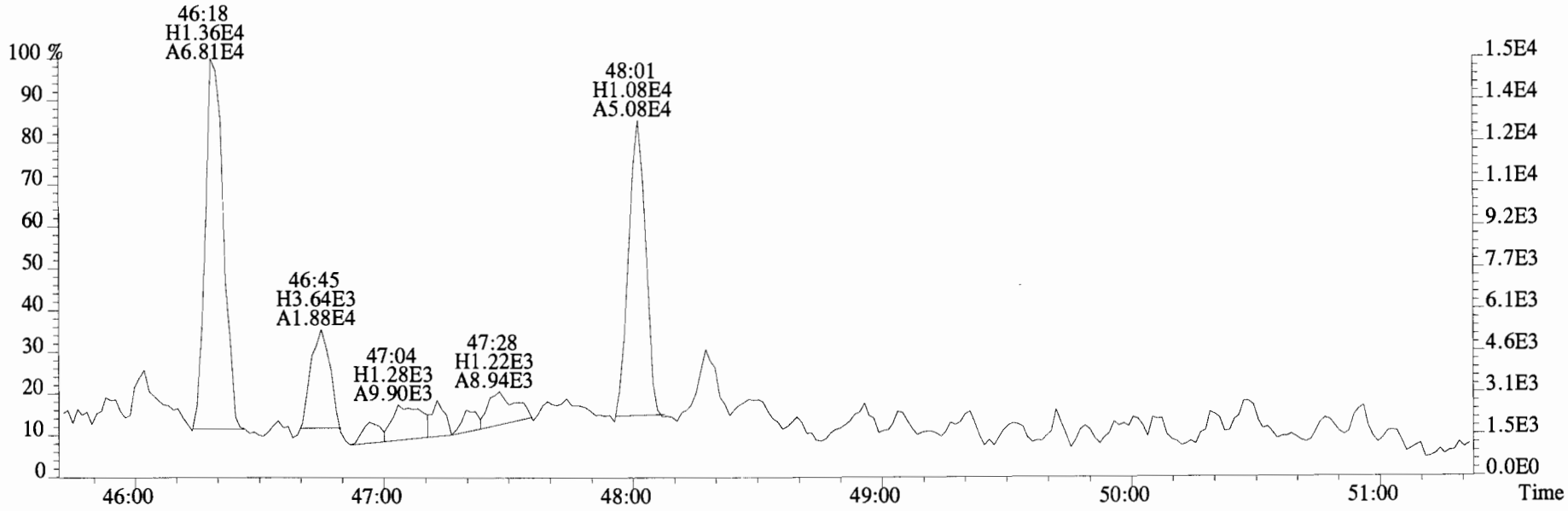
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



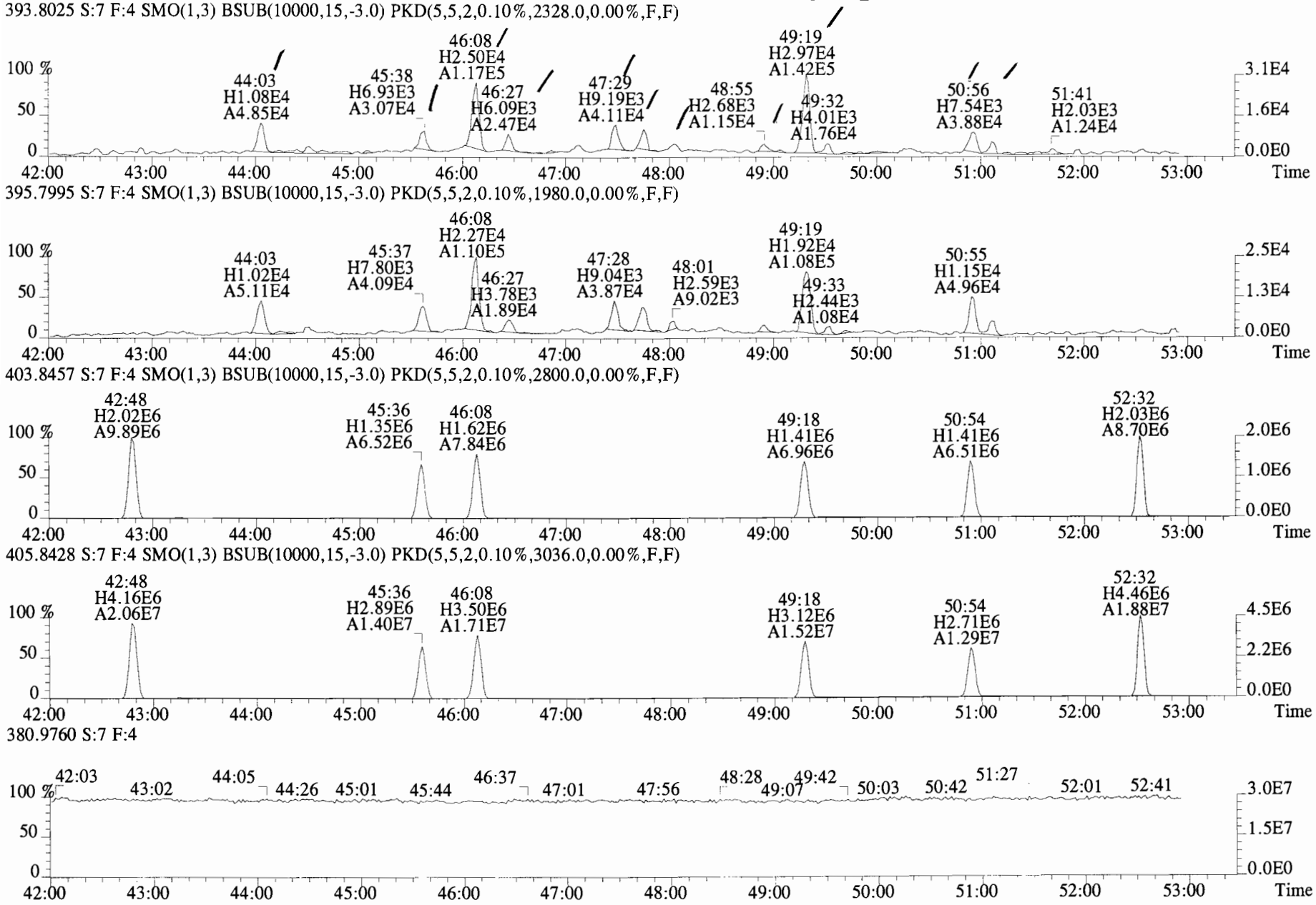
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2320.0,0.00%,F,F)



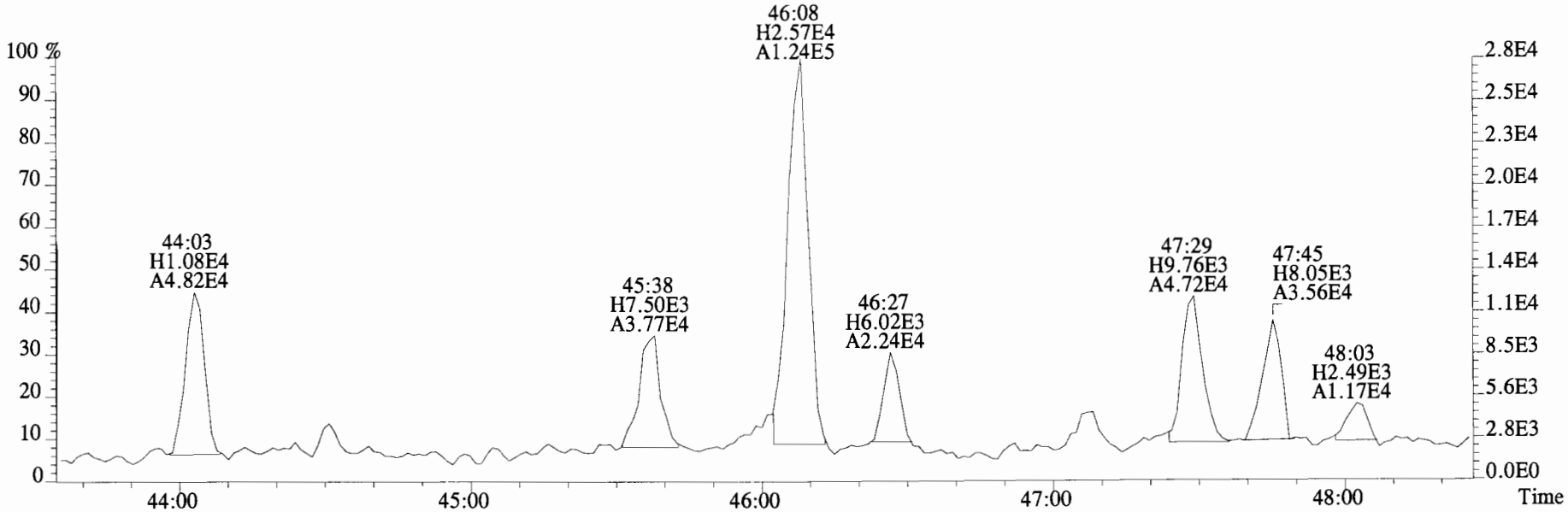
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



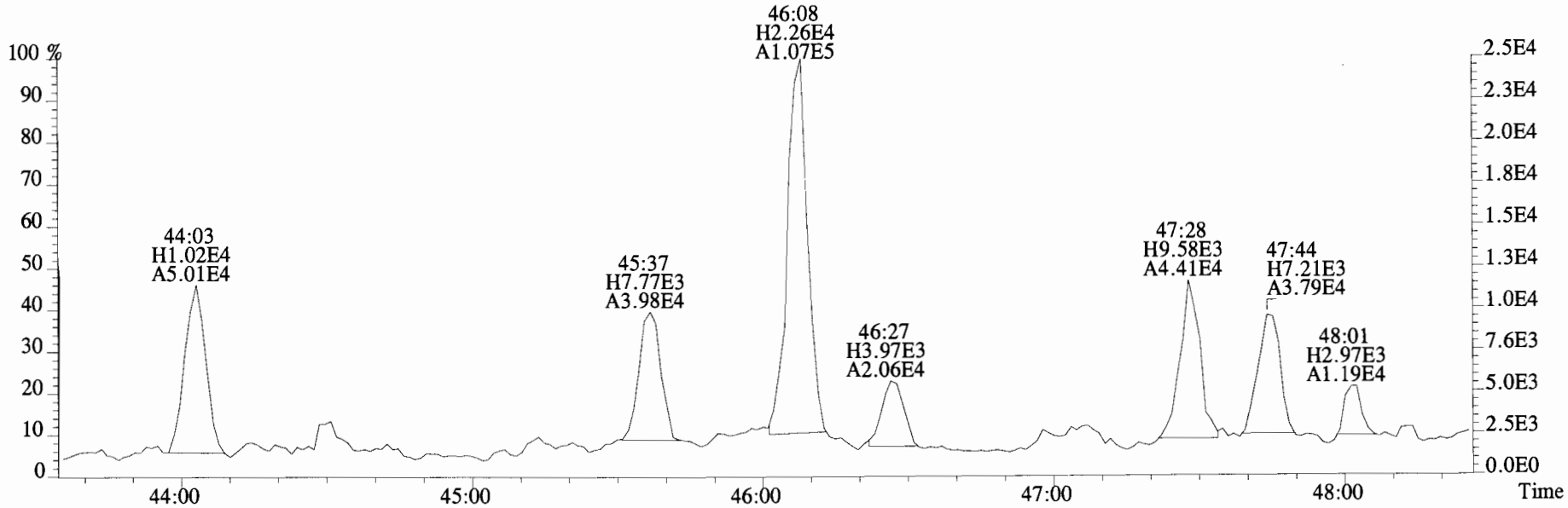
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1



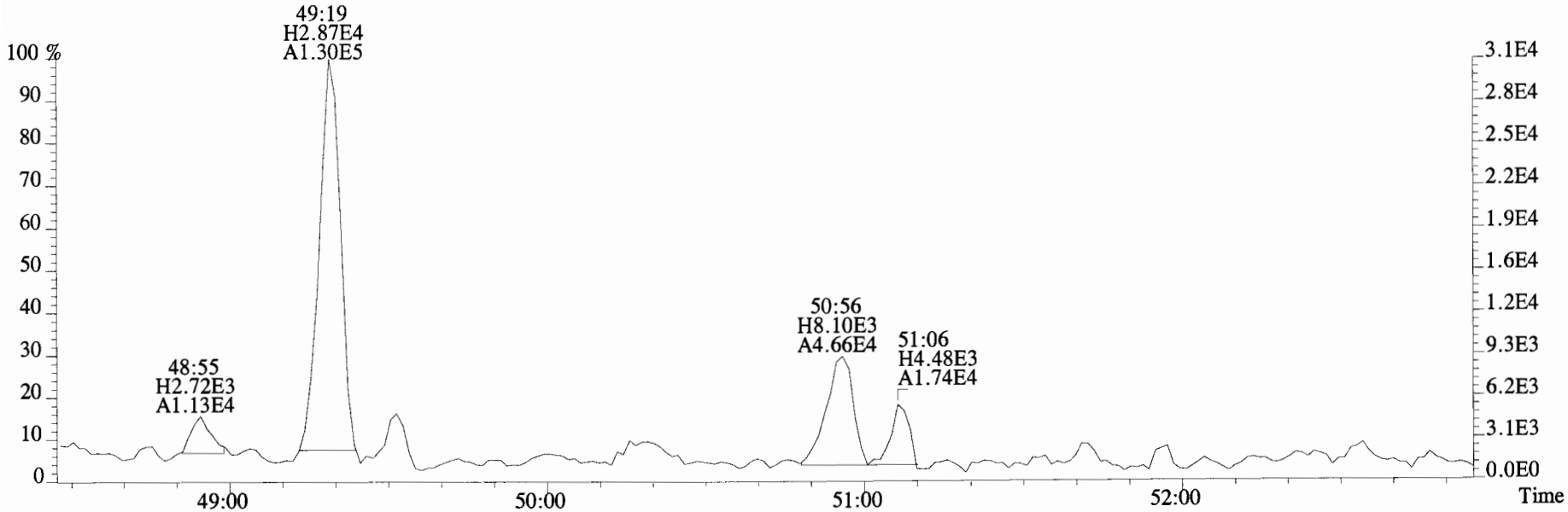
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2328.0,0.00%,F,F)



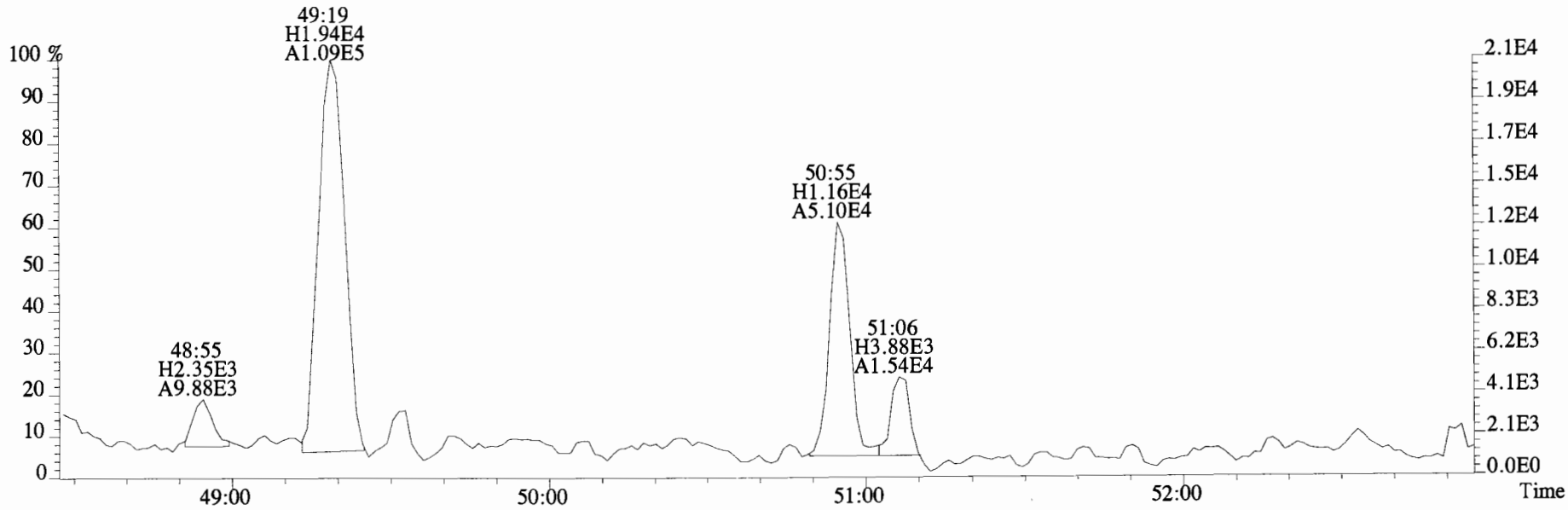
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



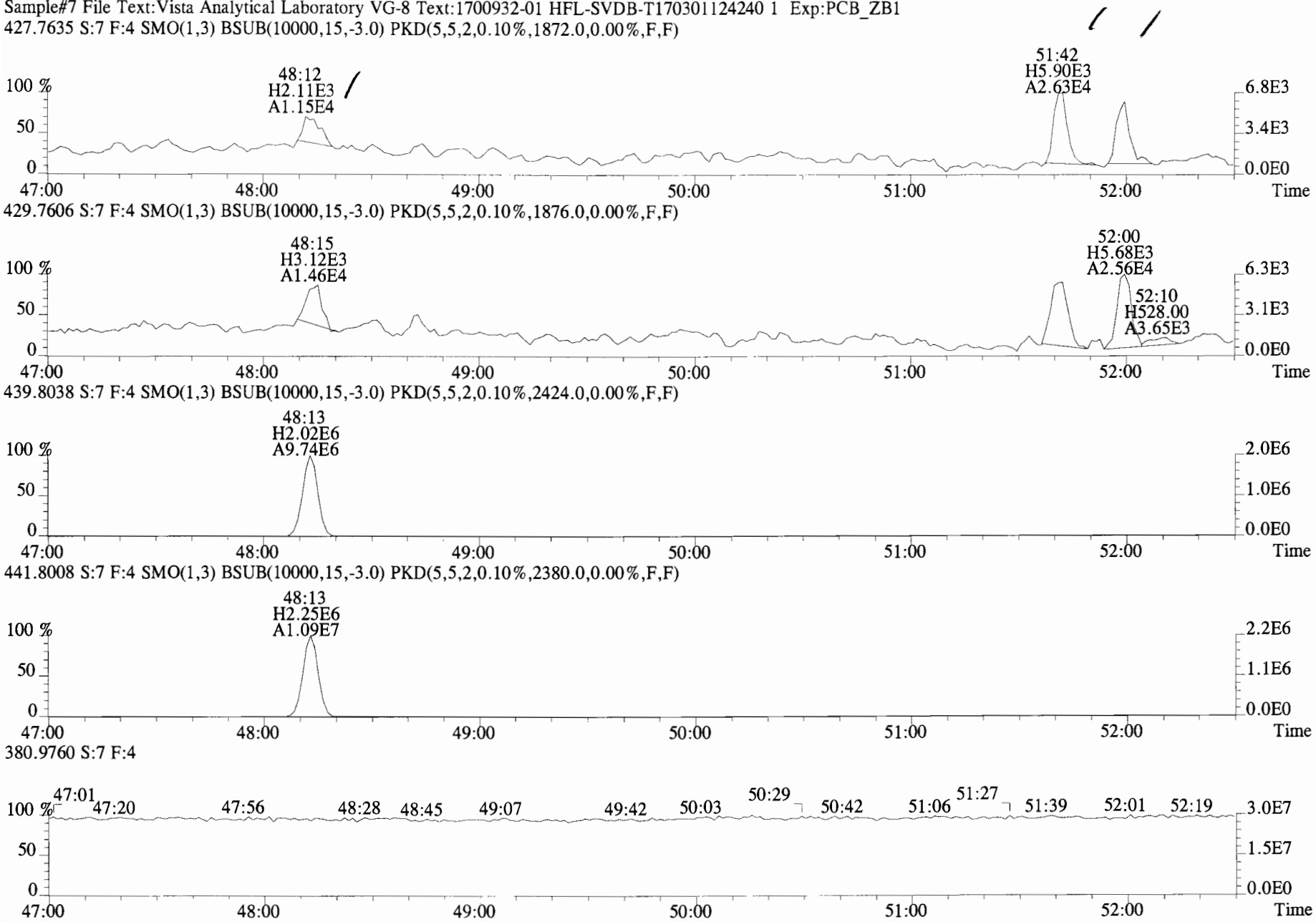
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2328.0,0.00%,F,F)



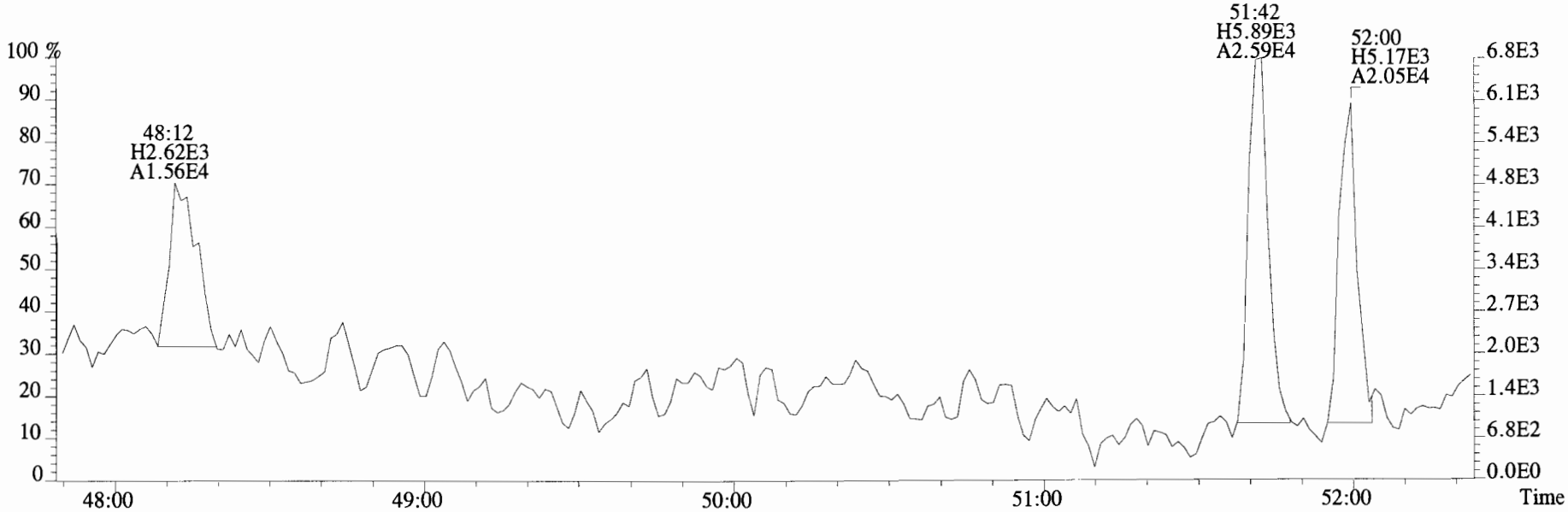
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



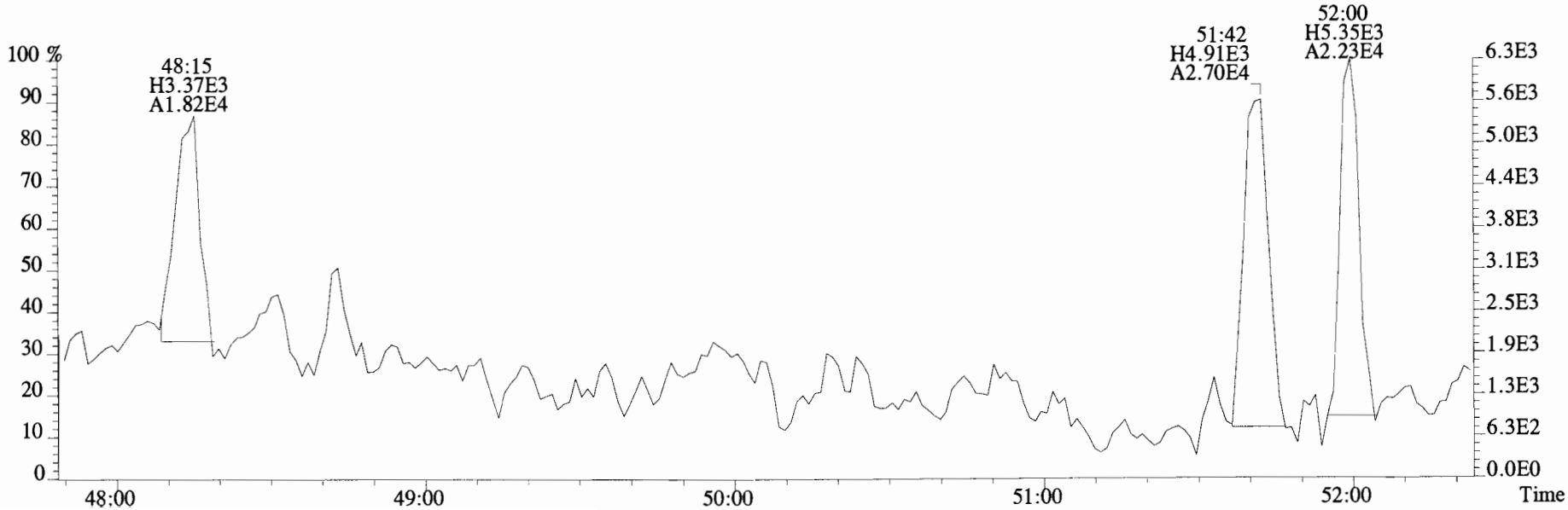
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1



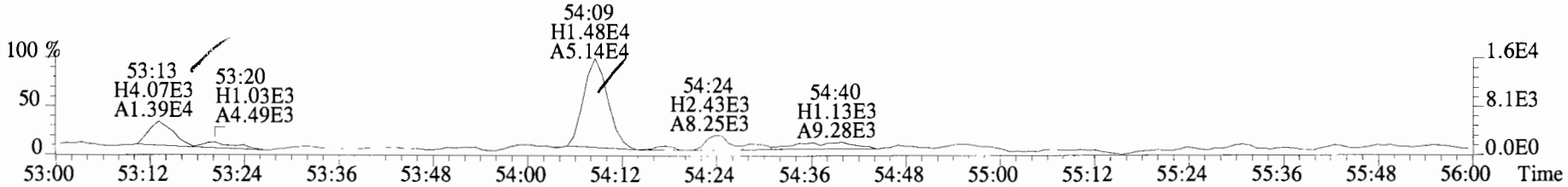
File:171108E3 #1-571 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



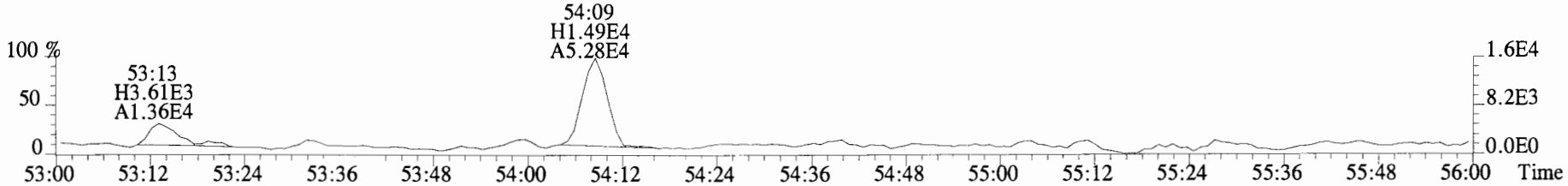
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



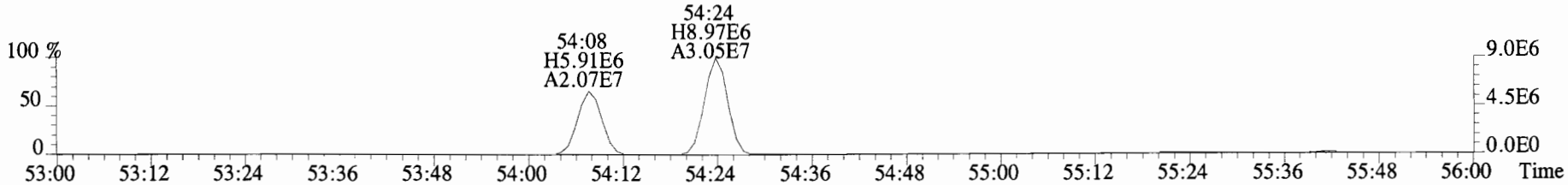
File:171108E3 #1-407 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



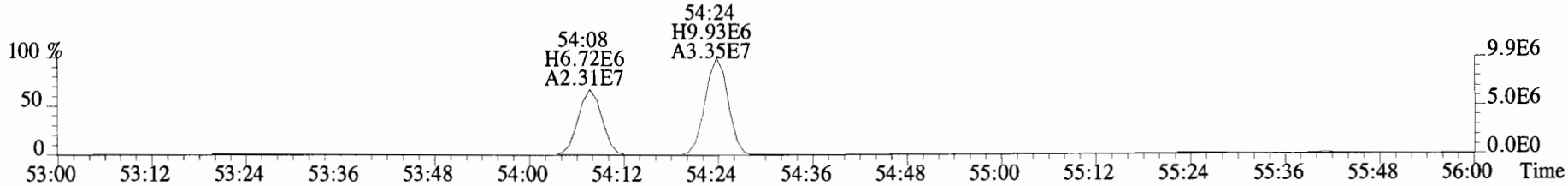
429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



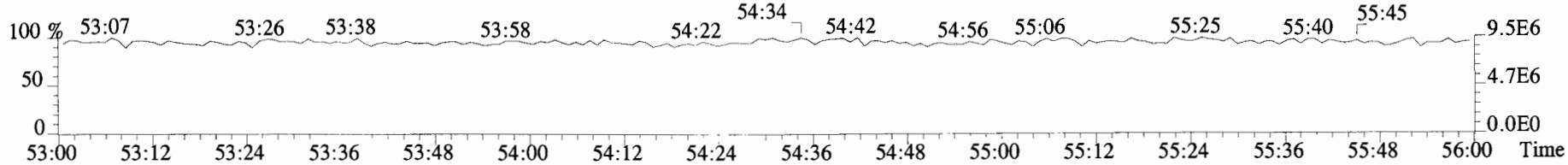
439.8038 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2984.0,0.00%,F,F)



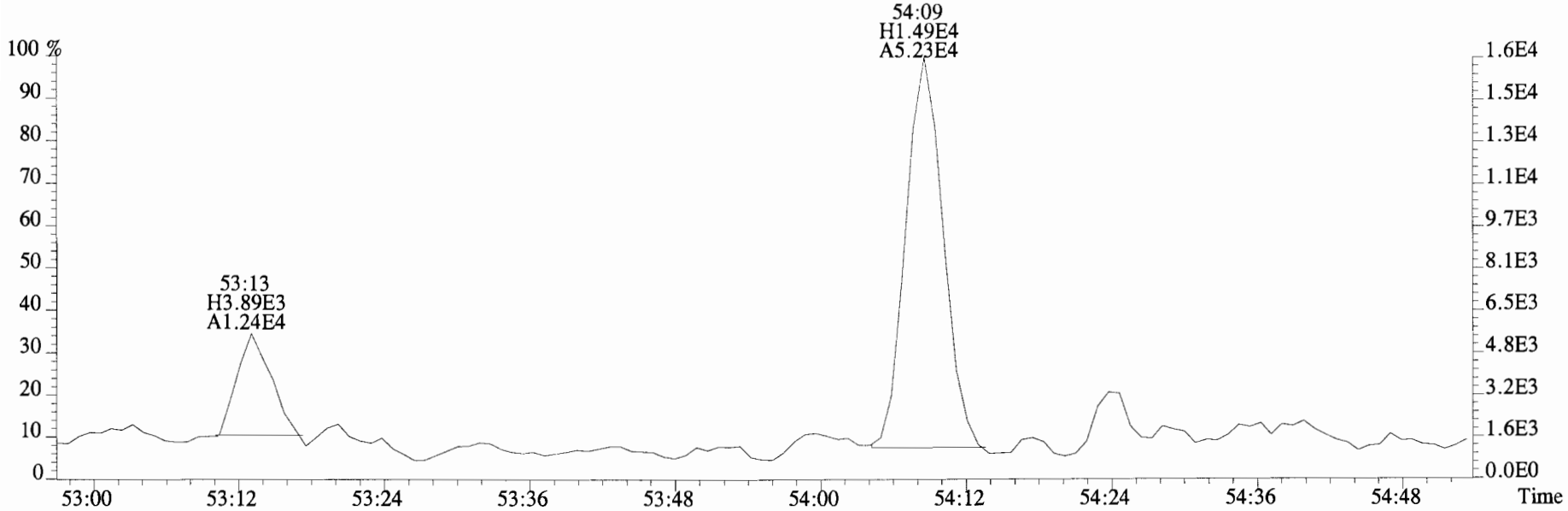
441.8008 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)



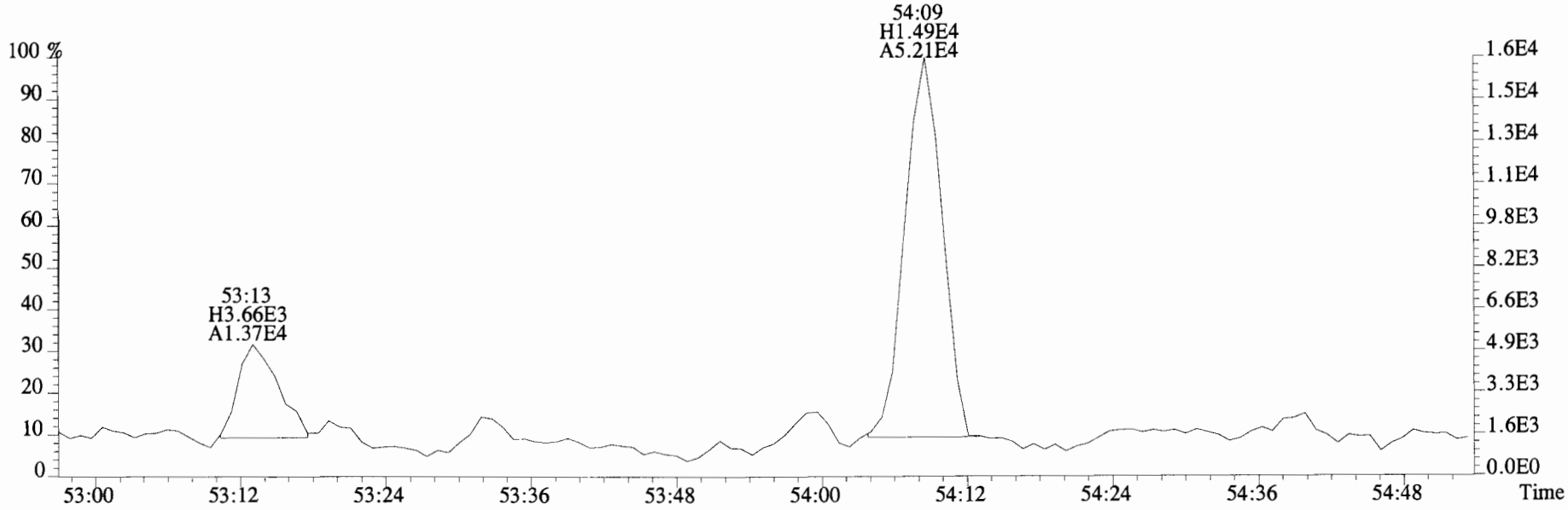
492.9697 S:7 F:5



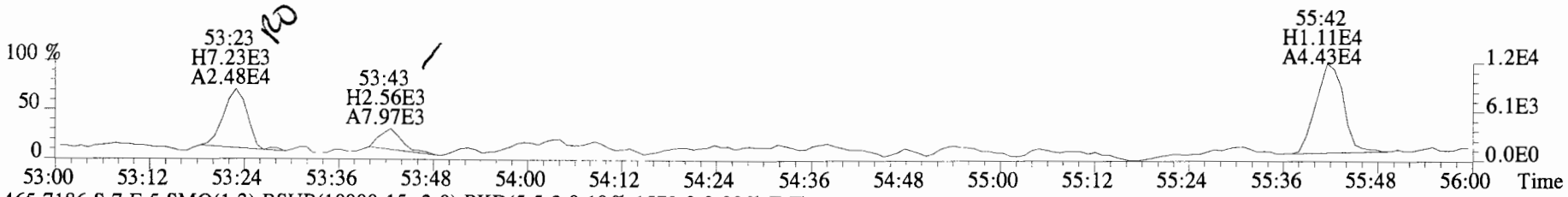
File:171108E3 #1-407 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



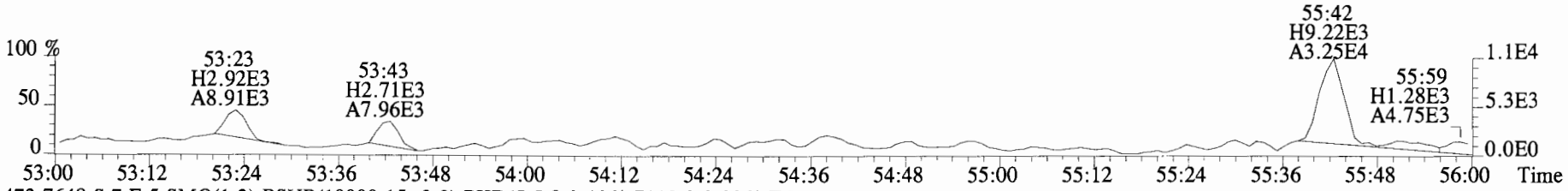
429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



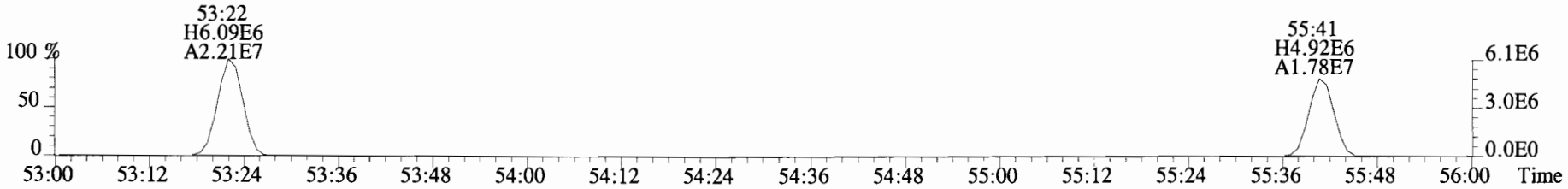
File:171108E3 #1-407 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1716.0,0.00%,F,F)



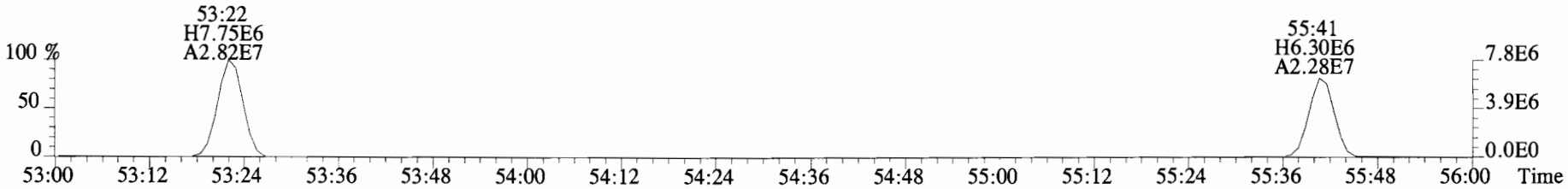
465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



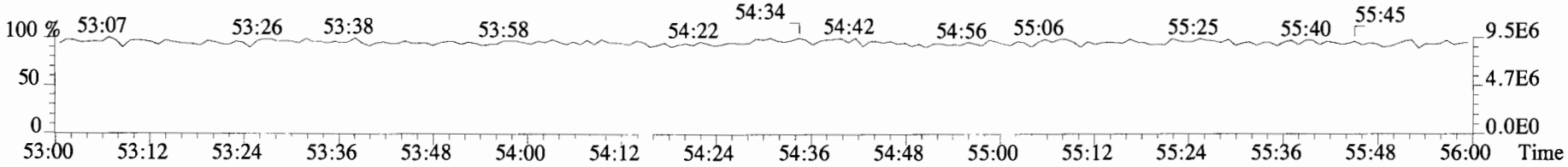
473.7648 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7112.0,0.00%,F,F)



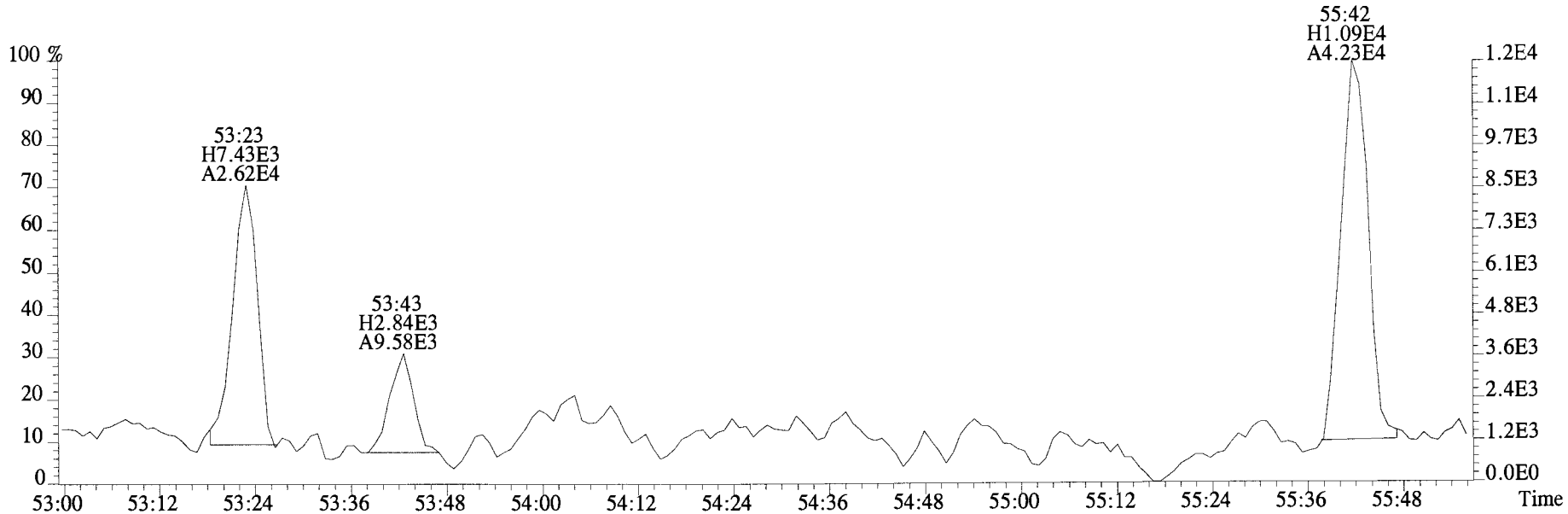
475.7619 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8840.0,0.00%,F,F)



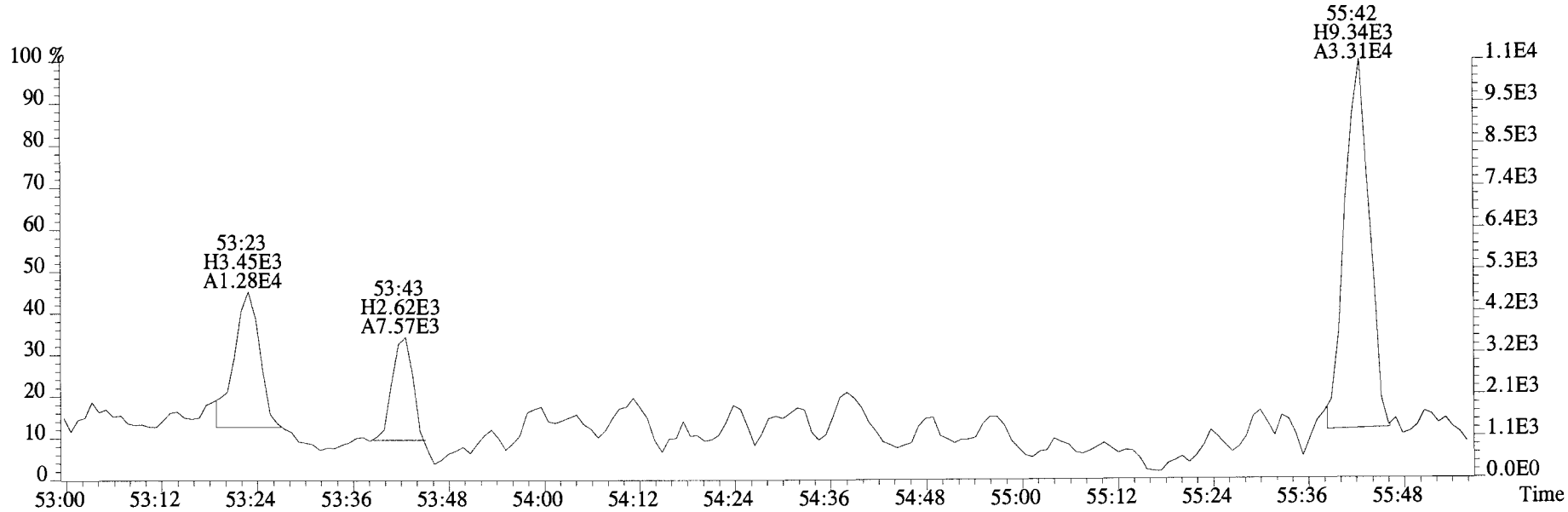
492.9697 S:7 F:5



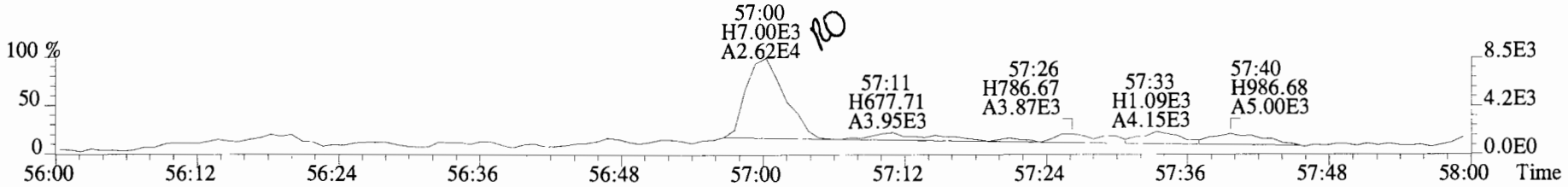
File:171108E3 #1-407 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1716.0,0.00%,F,F)



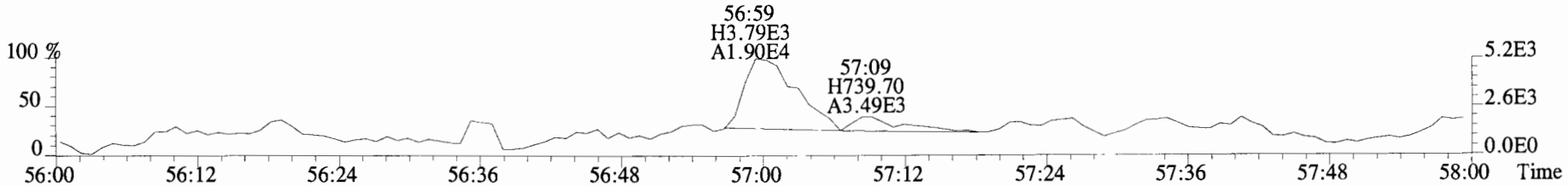
465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



File:171108E3 #1-407 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1632.0,0.00%,F,F)



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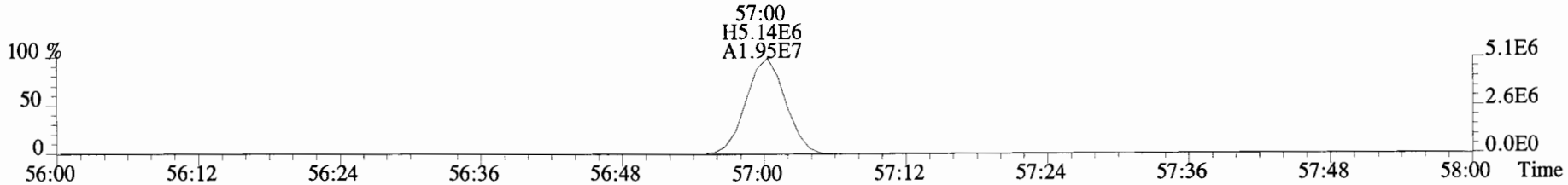

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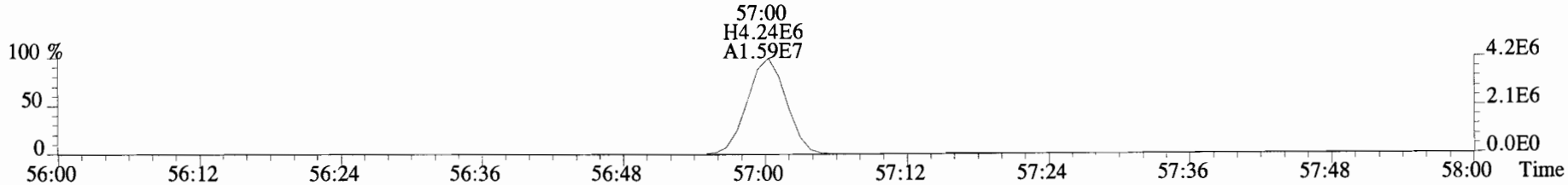
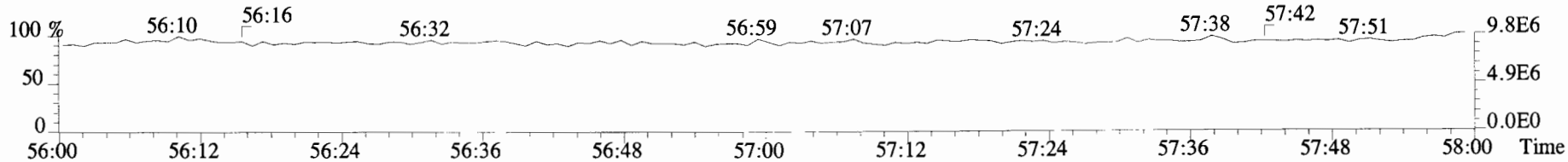
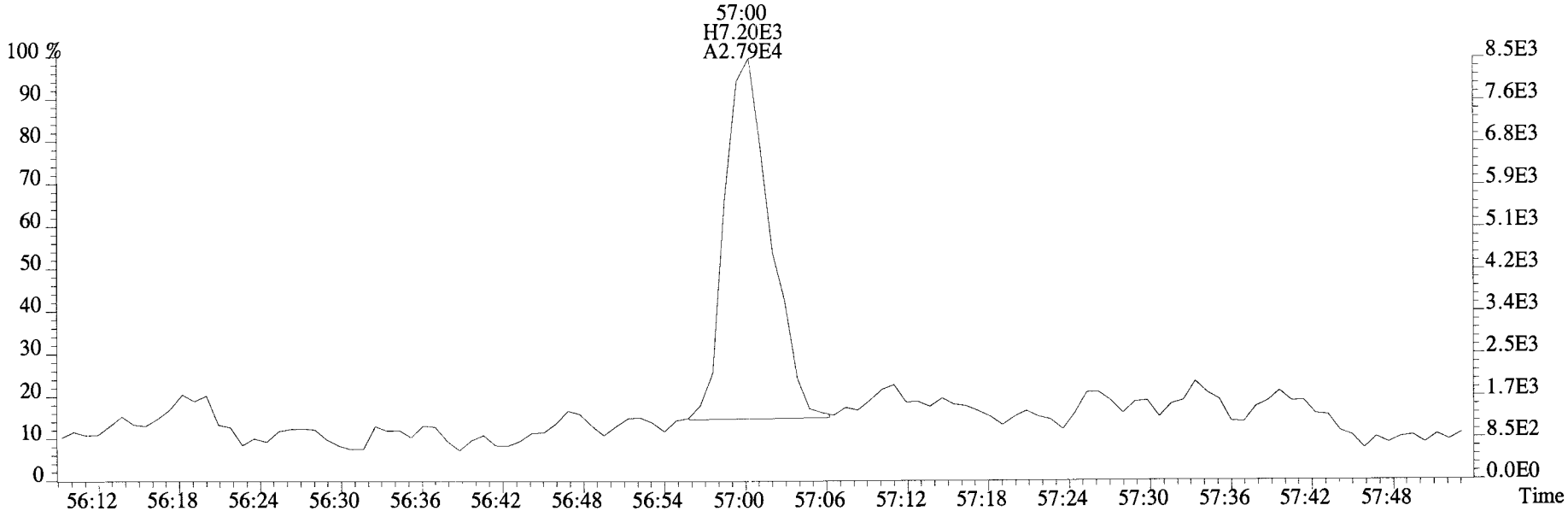


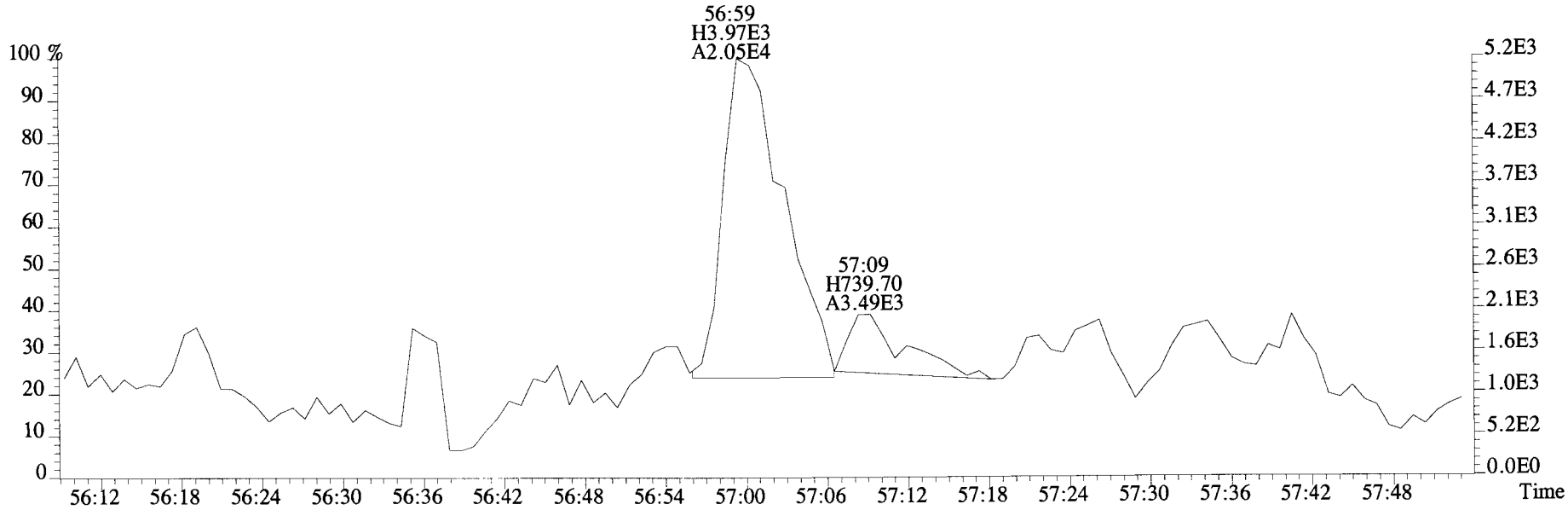
492.9697 S:7 F:5



File:171108E3 #1-407 Acq: 9-NOV-2017 06:35:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1700932-01 HFL-SVDB-T170301124240 1 Exp:PCB_ZB1
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1632.0,0.00%,F,F)



CONTINUING CALIBRATION

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	3.01	2.66-3.60	y	51.5	37.5-62.5
PCB-2	3.00	2.66-3.60	y	51.1	37.5-62.5
PCB-3	3.00	2.66-3.60	y	51.5	37.5-62.5
PCB-4/10	1.59	1.33-1.79	y	101.4	75-125
PCB-7/9	1.60	1.33-1.79	y	104.2	75-125
PCB-6	1.62	1.33-1.79	y	52.9	37.5-62.5
PCB-5/8	1.61	1.33-1.79	y	104.3	75-125
PCB-14	1.61	1.33-1.79	y	51.8	37.5-62.5
PCB-11	1.62	1.33-1.79	y	51.3	37.5-62.5
PCB-12/13	1.60	1.33-1.79	y	105.5	75-125
PCB-15	1.57	1.33-1.79	y	52.8	37.5-62.5
PCB-19	1.08	0.88-1.20	y	53.4	37.5-62.5
PCB-30	1.08	0.88-1.20	y	53.8	37.5-62.5
PCB-18	1.07	0.88-1.20	y	61.4	37.5-62.5
PCB-17	1.08	0.88-1.20	y	61.7	37.5-62.5
PCB-24/27	1.09	0.88-1.20	y	115.1	75.0-125
PCB-16/32	1.07	0.88-1.20	y	109.3	75.0-125
PCB-34	1.07	0.88-1.20	y	51.2	37.5-62.5
PCB-23	1.08	0.88-1.20	y	45.6	37.5-62.5
PCB-29	1.05	0.88-1.20	y	52.5	37.5-62.5
PCB-26	1.05	0.88-1.20	y	52.2	37.5-62.5
PCB-25	1.07	0.88-1.20	y	52.9	37.5-62.5
PCB-31	1.04	0.88-1.20	y	53.6	37.5-62.5
PCB-28	1.06	0.88-1.20	y	50.4	37.5-62.5
PCB-20/21/33	1.05	0.88-1.20	y	159.2	112.5-225
PCB-22	1.06	0.88-1.20	y	52.8	37.5-62.5
PCB-36	1.05	0.88-1.20	y	53.0	37.5-62.5
PCB-39	1.05	0.88-1.20	y	51.9	37.5-62.5
PCB-38	1.06	0.88-1.20	y	52.7	37.5-62.5
PCB-35	1.06	0.88-1.20	y	51.9	37.5-62.5
PCB-37	1.07	0.88-1.20	y	51.3	37.5-62.5
PCB-54	0.79	0.65-0.89	y	51.7	37.5-62.5
PCB-50	0.78	0.65-0.89	y	57.2	37.5-62.5
PCB-53	0.77	0.65-0.89	y	54.0	37.5-62.5
PCB-51	0.76	0.65-0.89	y	52.6	37.5-62.5
PCB-45	0.80	0.65-0.89	y	52.2	37.5-62.5
PCB-46	0.78	0.65-0.89	y	52.6	37.5-62.5

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-52/69	0.77	0.65-0.89	y	107.5	75.0-125
PCB-73	0.78	0.65-0.89	y	52.0	37.5-62.5
PCB-43/49	0.78	0.65-0.89	y	106.7	75.0-125
PCB-47	0.79	0.65-0.89	y	53.0	37.5-62.5
PCB-48/75	0.78	0.65-0.89	y	103.2	75.0-125
PCB-65	0.78	0.65-0.89	y	48.4	37.5-62.5
PCB-62	0.78	0.65-0.89	y	54.3	37.5-62.5
PCB-44	0.79	0.65-0.89	y	49.6	37.5-62.5
PCB-42/59	0.78	0.65-0.89	y	104.8	75.0-125
PCB-41/64/71/72	0.78	0.65-0.89	y	209.3	150-250
PCB-68	0.78	0.65-0.89	y	50.0	37.5-62.5
PCB-40	0.79	0.65-0.89	y	50.2	37.5-62.5
PCB-57	0.78	0.65-0.89	y	52.2	37.5-62.5
PCB-67	0.77	0.65-0.89	y	50.7	37.5-62.5
PCB-58	0.79	0.65-0.89	y	51.1	37.5-62.5
PCB-63	0.78	0.65-0.89	y	52.5	37.5-62.5
PCB-74	0.79	0.65-0.89	y	51.1	37.5-62.5
PCB-61/70	0.78	0.65-0.89	y	104.9	75.0-125
PCB-76/66	0.78	0.65-0.89	y	101.8	75.0-125
PCB-80	0.79	0.65-0.89	y	52.4	37.5-62.5
PCB-55	0.77	0.65-0.89	y	51.5	37.5-62.5
PCB-56/60	0.78	0.65-0.89	y	103.9	75.0-125
PCB-79	0.78	0.65-0.89	y	52.2	37.5-62.5
PCB-78	0.78	0.65-0.89	y	55.0	37.5-62.5
PCB-81	0.78	0.65-0.89	y	51.4	37.5-62.5
PCB-77	0.78	0.65-0.89	y	51.5	37.5-62.5
PCB-104	1.62	1.32-1.78	y	55.0	37.5-62.5
PCB-96	1.63	1.32-1.78	y	55.0	37.5-62.5
PCB-103	1.63	1.32-1.78	y	52.5	37.5-62.5
PCB-100	1.62	1.32-1.78	y	53.3	37.5-62.5
PCB-94	1.61	1.32-1.78	y	56.7	37.5-62.5
PCB-95/98/102	1.65	1.32-1.78	y	164.4	112.5-225
PCB-93	1.55	1.32-1.78	y	59.4	37.5-62.5
PCB-88/91	1.60	1.32-1.78	y	114.9	75.0-125
PCB-121	1.62	1.32-1.78	y	50.3	37.5-62.5

Analyst: M

Date: 11/9/17

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)	ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-84/92	1.61	1.32-1.78	y	110.8	75.0-125	PCB-140	1.31	1.05-1.43	y	51.1	37.5-62.5
PCB-89	1.54	1.32-1.78	y	55.5	37.5-62.5	PCB-134/143	1.26	1.05-1.43	y	99.3	75.0-125
PCB-90/101	1.65	1.32-1.78	y	111.1	75.0-125	PCB-131/133	1.24	1.05-1.43	y	99.4	75.0-125
PCB-113	1.55	1.32-1.78	y	55.7	37.5-62.5	PCB-142	1.26	1.05-1.43	y	52.0	37.5-62.5
PCB-99	1.69	1.32-1.78	y	51.4	37.5-62.5	PCB-146/165	1.25	1.05-1.43	y	98.7	75.0-125
PCB-119	1.60	1.32-1.78	y	54.6	37.5-62.5	PCB-132/161	1.26	1.05-1.43	y	97.5	75.0-125
PCB-108/112	1.66	1.32-1.78	y	109.3	75.0-125	PCB-153	1.27	1.05-1.43	y	47.0	37.5-62.5
PCB-83	1.61	1.32-1.78	y	55.6	37.5-62.5	PCB-168	1.25	1.05-1.43	y	48.1	37.5-62.5
PCB-97	1.59	1.32-1.78	y	52.7	37.5-62.5	PCB-141	1.27	1.05-1.43	y	48.8	37.5-62.5
PCB-86	1.55	1.32-1.78	y	55.6	37.5-62.5	PCB-137	1.24	1.05-1.43	y	49.4	37.5-62.5
PCB-87/117/125	1.64	1.32-1.78	y	163.2	112.5-225	PCB-130	1.26	1.05-1.43	y	50.4	37.5-62.5
PCB-111/115	1.57	1.32-1.78	y	106.4	75.0-125	PCB-138/163/164	1.26	1.05-1.43	y	148.1	112.5-225
PCB-85/116	1.62	1.32-1.78	y	114.7	75.0-125	PCB-158/160	1.25	1.05-1.43	y	101.1	75.0-125
PCB-120	1.62	1.32-1.78	y	51.7	37.5-62.5	PCB-129	1.23	1.05-1.43	y	49.9	37.5-62.5
PCB-110	1.59	1.32-1.78	y	55.3	37.5-62.5	PCB-166	1.27	1.05-1.43	y	49.2	37.5-62.5
PCB-82	1.61	1.32-1.78	y	54.1	37.5-62.5	PCB-159	1.24	1.05-1.43	y	49.1	37.5-62.5
PCB-124	1.56	1.32-1.78	y	53.3	37.5-62.5	PCB-128/162	1.26	1.05-1.43	y	97.7	75.0-125
PCB-107/109	1.62	1.32-1.78	y	108.1	75.0-125	PCB-167	1.25	1.05-1.43	y	48.4	37.5-62.5
PCB-123	1.60	1.32-1.78	y	54.1	37.5-62.5	PCB-156	1.27	1.05-1.43	y	49.1	37.5-62.5
PCB-106/118	1.61	1.32-1.78	y	110.2	75.0-125	PCB-157	1.24	1.05-1.43	y	48.0	37.5-62.5
PCB-114	1.58	1.32-1.78	y	51.5	37.5-62.5	PCB-169	1.25	1.05-1.43	y	49.4	37.5-62.5
PCB-122	1.61	1.32-1.78	y	49.5	37.5-62.5	PCB-188	1.07	0.89-1.21	y	52.0	37.5-62.5
PCB-105	1.61	1.32-1.78	y	51.1	37.5-62.5	PCB-184	1.09	0.89-1.21	y	51.9	37.5-62.5
PCB-127	1.61	1.32-1.78	y	52.5	37.5-62.5	PCB-179	1.10	0.89-1.21	y	51.9	37.5-62.5
PCB-126	1.58	1.32-1.78	y	50.5	37.5-62.5	PCB-176	1.07	0.89-1.21	y	52.0	37.5-62.5
PCB-155	1.33	1.05-1.43	y	51.5	37.5-62.5	PCB-186	1.08	0.89-1.21	y	53.3	37.5-62.5
PCB-150	1.32	1.05-1.43	y	50.9	37.5-62.5	PCB-178	1.07	0.89-1.21	y	51.9	37.5-62.5
PCB-152	1.32	1.05-1.43	y	51.6	37.5-62.5	PCB-175	1.08	0.89-1.21	y	50.7	37.5-62.5
PCB-145	1.33	1.05-1.43	y	51.4	37.5-62.5	PCB-182/187	1.08	0.89-1.21	y	100.1	75.0-125
PCB-136	1.30	1.05-1.43	y	53.4	37.5-62.5	PCB-183	1.08	0.89-1.21	y	50.4	37.5-62.5
PCB-148	1.35	1.05-1.43	y	48.9	37.5-62.5	PCB-185	1.08	0.89-1.21	y	50.6	37.5-62.5
PCB-154	1.28	1.05-1.43	y	51.9	37.5-62.5	PCB-174	1.07	0.89-1.21	y	46.0	37.5-62.5
PCB-151	1.34	1.05-1.43	y	51.2	37.5-62.5	PCB-181	1.07	0.89-1.21	y	57.2	37.5-62.5
PCB-135	1.30	1.05-1.43	y	46.7	37.5-62.5	PCB-177	1.04	0.89-1.21	y	50.6	37.5-62.5
PCB-144	1.31	1.05-1.43	y	51.7	37.5-62.5	PCB-171	1.07	0.89-1.21	y	51.1	37.5-62.5
PCB-147	1.28	1.05-1.43	y	55.3	37.5-62.5	PCB-173	1.05	0.89-1.21	y	48.9	37.5-62.5
PCB-139/149	1.35	1.05-1.43	y	100.5	75.0-125	PCB-172	1.09	0.89-1.21	y	50.5	37.5-62.5

Analyst: MJ

Date: 11/9/17

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.08	0.89-1.21	y	50.3	37.5-62.5
PCB-180	1.08	0.89-1.21	y	49.5	37.5-62.5
PCB-193	1.07	0.89-1.21	y	50.7	37.5-62.5
PCB-191	1.06	0.89-1.21	y	49.9	37.5-62.5
PCB-170	1.09	0.89-1.21	y	50.6	37.5-62.5
PCB-190	1.11	0.89-1.21	y	50.3	37.5-62.5
PCB-189	1.08	0.89-1.21	y	49.3	37.5-62.5
PCB-202	0.93	0.76-1.02	y	51.2	37.5-62.5
PCB-201	0.92	0.76-1.02	y	52.5	37.5-62.5
PCB-204	0.89	0.76-1.02	y	49.2	37.5-62.5
PCB-197	0.94	0.76-1.02	y	49.9	37.5-62.5
PCB-200	0.89	0.76-1.02	y	50.7	37.5-62.5
PCB-198	0.90	0.76-1.02	y	48.7	37.5-62.5
PCB-199	0.94	0.76-1.02	y	52.6	37.5-62.5
PCB-196/203	0.92	0.76-1.02	y	99.3	75.0-125
PCB-195	0.91	0.76-1.02	y	50.2	37.5-62.5
PCB-194	0.91	0.76-1.02	y	48.8	37.5-62.5
PCB-205	0.90	0.76-1.02	y	50.0	37.5-62.5
PCB-208	1.35	1.14-1.54	y	50.3	37.5-62.5
PCB-207	1.33	1.14-1.54	y	52.1	37.5-62.5
PCB-206	1.34	1.14-1.54	y	50.7	37.5-62.5
PCB-209	1.18	0.99-1.33	y	48.6	37.5-62.5

Analyst: MJ

Date: 11/9/17

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.25	2.66-3.60	y	86.0	50.0-145
13C-PCB-3	3.22	2.66-3.60	y	89.3	50.0-145
13C-PCB-4	1.57	1.33-1.79	y	101.1	50.0-145
13C-PCB-9	1.56	1.33-1.79	y	97.5	50.0-145
13C-PCB-11	1.56	1.33-1.79	y	101.0	50.0-145
13C-PCB-19	1.08	0.88-1.20	y	81.1	50.0-145
13C-PCB-32	1.08	0.88-1.20	y	69.5	50.0-145
13C-PCB-28	1.05	0.88-1.20	y	96.5	50.0-145
13C-PCB-37	1.07	0.88-1.20	y	98.2	50.0-145
13C-PCB-54	0.80	0.65-0.89	y	96.3	50.0-145
13C-PCB-52	0.80	0.65-0.89	y	104.1	50.0-145
13C-PCB-47	0.80	0.65-0.89	y	105.5	50.0-145
13C-PCB-70	0.81	0.65-0.89	y	103.0	50.0-145
13C-PCB-80	0.82	0.65-0.89	y	101.1	50.0-145
13C-PCB-81	0.79	0.65-0.89	y	100.2	50.0-145
13C-PCB-77	0.81	0.65-0.89	y	96.3	50.0-145
13C-PCB-104	1.64	1.32-1.78	y	104.0	50.0-145
13C-PCB-95	1.69	1.32-1.78	y	99.5	50.0-145
13C-PCB-101	1.64	1.32-1.78	y	99.5	50.0-145
13C-PCB-97	1.69	1.32-1.78	y	99.0	50.0-145
13C-PCB-123	1.70	1.32-1.78	y	97.5	50.0-145
13C-PCB-118	1.64	1.32-1.78	y	96.8	50.0-145
13C-PCB-114	1.62	1.32-1.78	y	116.8	50.0-145
13C-PCB-105	1.59	1.32-1.78	y	111.9	50.0-145
13C-PCB-127	1.59	1.32-1.78	y	113.9	50.0-145
13C-PCB-126	1.59	1.32-1.78	y	113.9	50.0-145
13C-PCB-155	1.28	1.05-1.43	y	76.3	50.0-145
13C-PCB-153	1.26	1.05-1.43	y	101.2	50.0-145
13C-PCB-141	1.29	1.05-1.43	y	99.7	50.0-145
13C-PCB-138	1.29	1.05-1.43	y	98.8	50.0-145
13C-PCB-159	1.24	1.05-1.43	y	100.7	50.0-145
13C-PCB-167	1.28	1.05-1.43	y	99.4	50.0-145
13C-PCB-156	1.29	1.05-1.43	y	100.4	50.0-145
13C-PCB-157	1.26	1.05-1.43	y	99.3	50.0-145

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.28	1.05-1.43	y	100.0	50 - 145
13C-PCB-188	0.47	0.38-0.52	y	98.7	50 - 145
13C-PCB-180	0.49	0.38-0.52	y	99.8	50 - 145
13C-PCB-170	0.46	0.38-0.52	y	100.3	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	98.1	50 - 145
13C-PCB-202	0.91	0.76-1.02	y	76.3	50 - 145
13C-PCB-194	0.92	0.76-1.02	y	99.1	50 - 145
13C-PCB-208	0.77	0.65-0.89	y	85.4	50 - 145
13C-PCB-206	0.79	0.65-0.89	y	92.2	50 - 145
13C-PCB-209	1.24	0.99-1.33	y	86.6	50 - 145

CRS vs. RS

13C-PCB-79	0.82	0.65-0.89	y	103.4	75 - 125
13C-PCB-178	0.46	0.38-0.52	y	101.6	75 - 125

Analyst: CM

Date: 11/9/17

NATIVE 1668A CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	3.01	2.66-3.60	y	51.5	35.0-65.0
PCB-2	3.00	2.66-3.60	y	51.1	35.0-65.0
PCB-3	3.00	2.66-3.60	y	51.5	35.0-65.0
PCB-4/10	1.59	1.33-1.79	y	101.4	70.0-130
PCB-7/9	1.60	1.33-1.79	y	104.2	70.0-130
PCB-6	1.62	1.33-1.79	y	52.9	35.0-65.0
PCB-5/8	1.61	1.33-1.79	y	104.3	70.0-130
PCB-14	1.61	1.33-1.79	y	51.8	35.0-65.0
PCB-11	1.62	1.33-1.79	y	51.3	35.0-65.0
PCB-12/13	1.60	1.33-1.79	y	105.5	70.0-130
PCB-15	1.57	1.33-1.79	y	52.8	35.0-65.0
PCB-19	1.08	0.88-1.20	y	53.4	35.0-65.0
PCB-30	1.08	0.88-1.20	y	53.8	35.0-65.0
PCB-18	1.07	0.88-1.20	y	61.4	35.0-65.0
PCB-17	1.08	0.88-1.20	y	61.7	35.0-65.0
PCB-24/27	1.09	0.88-1.20	y	115.1	70.0-130
PCB-16/32	1.07	0.88-1.20	y	109.3	70.0-130
PCB-34	1.07	0.88-1.20	y	51.2	35.0-65.0
PCB-23	1.08	0.88-1.20	y	45.6	35.0-65.0
PCB-29	1.05	0.88-1.20	y	52.5	35.0-65.0
PCB-26	1.05	0.88-1.20	y	52.2	35.0-65.0
PCB-25	1.07	0.88-1.20	y	52.9	35.0-65.0
PCB-31	1.04	0.88-1.20	y	53.6	35.0-65.0
PCB-28	1.06	0.88-1.20	y	50.4	35.0-65.0
PCB-20/21/33	1.05	0.88-1.20	y	159.2	105-195
PCB-22	1.06	0.88-1.20	y	52.8	35.0-65.0
PCB-36	1.05	0.88-1.20	y	53.0	35.0-65.0
PCB-39	1.05	0.88-1.20	y	51.9	35.0-65.0
PCB-38	1.06	0.88-1.20	y	52.7	35.0-65.0
PCB-35	1.06	0.88-1.20	y	51.9	35.0-65.0
PCB-37	1.07	0.88-1.20	y	51.3	35.0-65.0
PCB-54	0.79	0.65-0.89	y	51.7	35.0-65.0
PCB-50	0.78	0.65-0.89	y	57.2	35.0-65.0
PCB-53	0.77	0.65-0.89	y	54.0	35.0-65.0
PCB-51	0.76	0.65-0.89	y	52.6	35.0-65.0
PCB-45	0.80	0.65-0.89	y	52.2	35.0-65.0
PCB-46	0.78	0.65-0.89	y	52.6	35.0-65.0

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-52/69	0.77	0.65-0.89	y	107.5	70.0-130
PCB-73	0.78	0.65-0.89	y	52.0	35.0-65.0
PCB-43/49	0.78	0.65-0.89	y	106.7	70.0-130
PCB-47	0.79	0.65-0.89	y	53.0	35.0-65.0
PCB-48/75	0.78	0.65-0.89	y	103.2	70.0-130
PCB-65	0.78	0.65-0.89	y	48.4	35.0-65.0
PCB-62	0.78	0.65-0.89	y	54.3	35.0-65.0
PCB-44	0.79	0.65-0.89	y	49.6	35.0-65.0
PCB-42/59	0.78	0.65-0.89	y	104.8	70.0-130
PCB-41/64/71/72	0.78	0.65-0.89	y	209.3	140-260
PCB-68	0.78	0.65-0.89	y	50.0	35.0-65.0
PCB-40	0.79	0.65-0.89	y	50.2	35.0-65.0
PCB-57	0.78	0.65-0.89	y	52.2	35.0-65.0
PCB-67	0.77	0.65-0.89	y	50.7	35.0-65.0
PCB-58	0.79	0.65-0.89	y	51.1	35.0-65.0
PCB-63	0.78	0.65-0.89	y	52.5	35.0-65.0
PCB-74	0.79	0.65-0.89	y	51.1	35.0-65.0
PCB-61/70	0.78	0.65-0.89	y	104.9	70.0-130
PCB-76/66	0.78	0.65-0.89	y	101.8	70.0-130
PCB-80	0.79	0.65-0.89	y	52.4	35.0-65.0
PCB-55	0.77	0.65-0.89	y	51.5	35.0-65.0
PCB-56/60	0.78	0.65-0.89	y	103.9	70.0-130
PCB-79	0.78	0.65-0.89	y	52.2	35.0-65.0
PCB-78	0.78	0.65-0.89	y	55.0	35.0-65.0
PCB-81	0.78	0.65-0.89	y	51.4	35.0-65.0
PCB-77	0.78	0.65-0.89	y	51.5	35.0-65.0
PCB-104	1.62	1.32-1.78	y	55.0	35.0-65.0
PCB-96	1.63	1.32-1.78	y	55.0	35.0-65.0
PCB-103	1.63	1.32-1.78	y	52.5	35.0-65.0
PCB-100	1.62	1.32-1.78	y	53.3	35.0-65.0
PCB-94	1.61	1.32-1.78	y	56.7	35.0-65.0
PCB-95/98/102	1.65	1.32-1.78	y	164.4	105-195
PCB-93	1.55	1.32-1.78	y	59.4	35.0-65.0
PCB-88/91	1.60	1.32-1.78	y	114.9	70.0-130
PCB-121	1.62	1.32-1.78	y	50.3	35.0-65.0

Analyst: MJ

Date: 11/9/17

NATIVE PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)	ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-84/92	1.61	1.32-1.78	y	110.8	70.0-130	PCB-140	1.31	1.05-1.43	y	51.1	35.0-65.0
PCB-89	1.54	1.32-1.78	y	55.5	35.0-65.0	PCB-134/143	1.26	1.05-1.43	y	99.3	70.0-130
PCB-90/101	1.65	1.32-1.78	y	111.1	70.0-130	PCB-131/133	1.24	1.05-1.43	y	99.4	70.0-130
PCB-113	1.55	1.32-1.78	y	55.7	35.0-65.0	PCB-142	1.26	1.05-1.43	y	52.0	35.0-65.0
PCB-99	1.69	1.32-1.78	y	51.4	35.0-65.0	PCB-146/165	1.25	1.05-1.43	y	98.7	70.0-130
PCB-119	1.60	1.32-1.78	y	54.6	35.0-65.0	PCB-132/161	1.26	1.05-1.43	y	97.5	70.0-130
PCB-108/112	1.66	1.32-1.78	y	109.3	70.0-130	PCB-153	1.27	1.05-1.43	y	47.0	35.0-65.0
PCB-83	1.61	1.32-1.78	y	55.6	35.0-65.0	PCB-168	1.25	1.05-1.43	y	48.1	35.0-65.0
PCB-97	1.59	1.32-1.78	y	52.7	35.0-65.0	PCB-141	1.27	1.05-1.43	y	48.8	35.0-65.0
PCB-86	1.55	1.32-1.78	y	55.6	35.0-65.0	PCB-137	1.24	1.05-1.43	y	49.4	35.0-65.0
PCB-87/117/125	1.64	1.32-1.78	y	163.2	105-195	PCB-130	1.26	1.05-1.43	y	50.4	35.0-65.0
PCB-111/115	1.57	1.32-1.78	y	106.4	70.0-130	PCB-138/163/164	1.26	1.05-1.43	y	148.1	105-195
PCB-85/116	1.62	1.32-1.78	y	114.7	70.0-130	PCB-158/160	1.25	1.05-1.43	y	101.1	70.0-130
PCB-120	1.62	1.32-1.78	y	51.7	35.0-65.0	PCB-129	1.23	1.05-1.43	y	49.9	35.0-65.0
PCB-110	1.59	1.32-1.78	y	55.3	35.0-65.0	PCB-166	1.27	1.05-1.43	y	49.2	35.0-65.0
PCB-82	1.61	1.32-1.78	y	54.1	35.0-65.0	PCB-159	1.24	1.05-1.43	y	49.1	35.0-65.0
PCB-124	1.56	1.32-1.78	y	53.3	35.0-65.0	PCB-128/162	1.26	1.05-1.43	y	97.7	70.0-130
PCB-107/109	1.62	1.32-1.78	y	108.1	70.0-130	PCB-167	1.25	1.05-1.43	y	48.4	35.0-65.0
PCB-123	1.60	1.32-1.78	y	54.1	35.0-65.0	PCB-156	1.27	1.05-1.43	y	49.1	35.0-65.0
PCB-106/118	1.61	1.32-1.78	y	110.2	70.0-130	PCB-157	1.24	1.05-1.43	y	48.0	35.0-65.0
PCB-114	1.58	1.32-1.78	y	51.5	35.0-65.0	PCB-169	1.25	1.05-1.43	y	49.4	35.0-65.0
PCB-122	1.61	1.32-1.78	y	49.5	35.0-65.0	PCB-188	1.07	0.89-1.21	y	52.0	35.0-65.0
PCB-105	1.61	1.32-1.78	y	51.1	35.0-65.0	PCB-184	1.09	0.89-1.21	y	51.9	35.0-65.0
PCB-127	1.61	1.32-1.78	y	52.5	35.0-65.0	PCB-179	1.10	0.89-1.21	y	51.9	35.0-65.0
PCB-126	1.58	1.32-1.78	y	50.5	35.0-65.0	PCB-176	1.07	0.89-1.21	y	52.0	35.0-65.0
PCB-155	1.33	1.05-1.43	y	51.5	35.0-65.0	PCB-186	1.08	0.89-1.21	y	53.3	35.0-65.0
PCB-150	1.32	1.05-1.43	y	50.9	35.0-65.0	PCB-178	1.07	0.89-1.21	y	51.9	35.0-65.0
PCB-152	1.32	1.05-1.43	y	51.6	35.0-65.0	PCB-175	1.08	0.89-1.21	y	50.7	35.0-65.0
PCB-145	1.33	1.05-1.43	y	51.4	35.0-65.0	PCB-182/187	1.08	0.89-1.21	y	100.1	70.0-130
PCB-136	1.30	1.05-1.43	y	53.4	35.0-65.0	PCB-183	1.08	0.89-1.21	y	50.4	35.0-65.0
PCB-148	1.35	1.05-1.43	y	48.9	35.0-65.0	PCB-185	1.08	0.89-1.21	y	50.6	35.0-65.0
PCB-154	1.28	1.05-1.43	y	51.9	35.0-65.0	PCB-174	1.07	0.89-1.21	y	46.0	35.0-65.0
PCB-151	1.34	1.05-1.43	y	51.2	35.0-65.0	PCB-181	1.07	0.89-1.21	y	57.2	35.0-65.0
PCB-135	1.30	1.05-1.43	y	46.7	35.0-65.0	PCB-177	1.04	0.89-1.21	y	50.6	35.0-65.0
PCB-144	1.31	1.05-1.43	y	51.7	35.0-65.0	PCB-171	1.07	0.89-1.21	y	51.1	35.0-65.0
PCB-147	1.28	1.05-1.43	y	55.3	35.0-65.0	PCB-173	1.05	0.89-1.21	y	48.9	35.0-65.0
PCB-139/149	1.35	1.05-1.43	y	100.5	70.0-130	PCB-172	1.09	0.89-1.21	y	50.5	35.0-65.0

Analyst: MD

Date: 11/9/17

NATIVE PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.08	0.89-1.21	y	50.3	35.0-65.0
PCB-180	1.08	0.89-1.21	y	49.5	35.0-65.0
PCB-193	1.07	0.89-1.21	y	50.7	35.0-65.0
PCB-191	1.06	0.89-1.21	y	49.9	35.0-65.0
PCB-170	1.09	0.89-1.21	y	50.6	35.0-65.0
PCB-190	1.11	0.89-1.21	y	50.3	35.0-65.0
PCB-189	1.08	0.89-1.21	y	49.3	35.0-65.0
PCB-202	0.93	0.76-1.02	y	51.2	35.0-65.0
PCB-201	0.92	0.76-1.02	y	52.5	35.0-65.0
PCB-204	0.89	0.76-1.02	y	49.2	35.0-65.0
PCB-197	0.94	0.76-1.02	y	49.9	35.0-65.0
PCB-200	0.89	0.76-1.02	y	50.7	35.0-65.0
PCB-198	0.90	0.76-1.02	y	48.7	35.0-65.0
PCB-199	0.94	0.76-1.02	y	52.6	35.0-65.0
PCB-196/203	0.92	0.76-1.02	y	99.3	70.0-130
PCB-195	0.91	0.76-1.02	y	50.2	35.0-65.0
PCB-194	0.91	0.76-1.02	y	48.8	35.0-65.0
PCB-205	0.90	0.76-1.02	y	50.0	35.0-65.0
PCB-208	1.35	1.14-1.54	y	50.3	35.0-65.0
PCB-207	1.33	1.14-1.54	y	52.1	35.0-65.0
PCB-206	1.34	1.14-1.54	y	50.7	35.0-65.0
PCB-209	1.18	0.99-1.34	y	48.6	35.0-65.0

Analyst: MJ

Date: 11/9/17

LABELED 1668A CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E2-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E2 S#1 Analysis Date: 8-NOV-17 Time: 12:57:43

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.25	2.66-3.60	y	86.0	50.0-150
13C-PCB-3	3.22	2.66-3.60	y	89.3	50.0-150
13C-PCB-4	1.57	1.33-1.79	y	101.1	50.0-150
13C-PCB-9	1.56	1.33-1.79	y	97.5	50.0-150
13C-PCB-11	1.56	1.33-1.79	y	101.0	50.0-150
13C-PCB-19	1.08	0.88-1.20	y	81.1	50.0-150
13C-PCB-32	1.08	0.88-1.20	y	69.5	50.0-150
13C-PCB-28	1.05	0.88-1.20	y	96.5	50.0-150
13C-PCB-37	1.07	0.88-1.20	y	98.2	50.0-150
13C-PCB-54	0.80	0.65-0.89	y	96.3	50.0-150
13C-PCB-52	0.80	0.65-0.89	y	104.1	50.0-150
13C-PCB-47	0.80	0.65-0.89	y	105.5	50.0-150
13C-PCB-70	0.81	0.65-0.89	y	103.0	50.0-150
13C-PCB-80	0.82	0.65-0.89	y	101.1	50.0-150
13C-PCB-81	0.79	0.65-0.89	y	100.2	50.0-150
13C-PCB-77	0.81	0.65-0.89	y	96.3	50.0-150
13C-PCB-104	1.64	1.32-1.78	y	104.0	50.0-150
13C-PCB-95	1.69	1.32-1.78	y	99.5	50.0-150
13C-PCB-101	1.64	1.32-1.78	y	99.5	50.0-150
13C-PCB-97	1.69	1.32-1.78	y	99.0	50.0-150
13C-PCB-123	1.70	1.32-1.78	y	97.5	50.0-150
13C-PCB-118	1.64	1.32-1.78	y	96.8	50.0-150
13C-PCB-114	1.62	1.32-1.78	y	116.8	50.0-150
13C-PCB-105	1.59	1.32-1.78	y	111.9	50.0-150
13C-PCB-127	1.59	1.32-1.78	y	113.9	50.0-150
13C-PCB-126	1.59	1.32-1.78	y	113.9	50.0-150
13C-PCB-155	1.28	1.05-1.43	y	76.3	50.0-150
13C-PCB-153	1.26	1.05-1.43	y	101.2	50.0-150
13C-PCB-141	1.29	1.05-1.43	y	99.7	50.0-150
13C-PCB-138	1.29	1.05-1.43	y	98.8	50.0-150
13C-PCB-159	1.24	1.05-1.43	y	100.7	50.0-150
13C-PCB-167	1.28	1.05-1.43	y	99.4	50.0-150
13C-PCB-156	1.29	1.05-1.43	y	100.4	50.0-150
13C-PCB-157	1.26	1.05-1.43	y	99.3	50.0-150

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.28	1.05-1.43	y	100.0	50 - 150
13C-PCB-188	0.47	0.38-0.52	y	98.7	50 - 150
13C-PCB-180	0.49	0.38-0.52	y	99.8	50 - 150
13C-PCB-170	0.46	0.38-0.52	y	100.3	50 - 150
13C-PCB-189	0.46	0.38-0.52	y	98.1	50 - 150
13C-PCB-202	0.91	0.76-1.02	y	76.3	50 - 150
13C-PCB-194	0.92	0.76-1.02	y	99.1	50 - 150
13C-PCB-208	0.77	0.65-0.89	y	85.4	50 - 150
13C-PCB-206	0.79	0.65-0.89	y	92.2	50 - 150
13C-PCB-209	1.24	0.99-1.33	y	86.6	50 - 150
CRS vs. RS					
13C-PCB-79	0.82	0.65-0.89	y	103.4	60 - 130
13C-PCB-178	0.46	0.38-0.52	y	101.6	60 - 130
PS vs. IS					
13C-PCB-79	0.82	0.65-0.89	y	103.1	60 - 130
13C-PCB-178	0.46	0.38-0.52	y	101.8	60 - 130

Analyst: MJ

Date: 11/9/17

Client ID: PCB CS3 17I0520 Filename: 171108E2 S:1 Acq: 8-NOV-17 12:57:43 ConCal: ST171108E2-1

Lab ID: ST171108E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	7.27e+07	3.01 y	1.14	16:00	1.001	0.996	1.006	51.5377
	PCB-2	7.24e+07	3.00 y	1.09	18:24	0.988	0.983	0.993	51.0829
	PCB-3	7.41e+07	3.00 y	1.10	18:38	1.001	0.996	1.006	51.4810
	PCB-4/10	1.11e+08	1.59 y	1.41	20:01	1.003	0.998	1.008	101.389
	PCB-7/9	1.31e+08	1.60 y	1.13	21:49	0.867	0.864	0.871	104.207
	PCB-6	6.44e+07	1.62 y	1.09	22:27	0.893	0.888	0.897	52.8604
	PCB-5/8	1.33e+08	1.61 y	1.14	22:52	0.909	0.905	0.913	104.315
	PCB-14	8.06e+07	1.61 y	1.39	23:58	0.953	0.948	0.958	51.7929
	PCB-11	6.78e+07	1.62 y	1.18	25:10	1.001	0.996	1.006	51.3217
	PCB-12/13	1.37e+08	1.60 y	1.15	25:34	1.016	1.011	1.021	105.540
	PCB-15	7.50e+07	1.57 y	1.26	25:52	1.028	1.023	1.033	52.7903
	PCB-19	4.00e+07	1.08 y	1.25	24:09	1.001	0.996	1.006	53.3839
	PCB-30	6.29e+07	1.08 y	1.94	25:03	1.038	1.033	1.043	53.7782
	PCB-18	4.26e+07	1.07 y	0.95	25:48	0.954	0.949	0.959	61.3896
	PCB-17	4.64e+07	1.08 y	1.03	25:58	0.960	0.955	0.965	61.6697
	PCB-24/27	1.13e+08	1.09 y	1.35	26:33	0.981	0.976	0.986	115.073
-	PCB-16/32	8.84e+07	1.07 y	1.11	27:04	1.000	0.995	1.005	109.262
-	PCB-34	6.12e+07	1.07 y	1.19	27:52	0.960	0.955	0.965	51.1845
	PCB-23	5.67e+07	1.08 y	1.24	27:57	0.963	0.958	0.968	45.5775
	PCB-29	6.66e+07	1.05 y	1.26	28:12	0.972	0.966	0.976	52.5148
	PCB-26	6.46e+07	1.05 y	1.23	28:25	0.979	0.974	0.984	52.2261
	PCB-25	6.12e+07	1.07 y	1.15	28:35	0.985	0.980	0.990	52.8569
	PCB-31	7.10e+07	1.04 y	1.32	28:56	0.997	0.992	1.002	53.5756
	PCB-28	6.33e+07	1.06 y	1.25	29:02	1.001	0.995	1.005	50.3834
	PCB-20/21/33	1.92e+08	1.05 y	1.20	29:38	1.021	1.017	1.027	159.223
	PCB-22	6.36e+07	1.06 y	1.20	30:06	1.037	1.032	1.042	52.8005
	PCB-36	6.56e+07	1.05 y	1.24	30:42	0.933	0.929	0.939	52.9651
	PCB-39	6.85e+07	1.05 y	1.32	31:11	0.948	0.943	0.953	51.8995
	PCB-38	6.19e+07	1.06 y	1.18	31:57	0.971	0.966	0.976	52.6666
	PCB-35	6.21e+07	1.06 y	1.20	32:29	0.987	0.982	0.992	51.9439
	PCB-37	6.82e+07	1.07 y	1.33	32:55	1.001	0.995	1.005	51.2988
	PCB-54	4.65e+07	0.79 y	1.12	27:55	1.001	0.996	1.006	51.7372
	PCB-50	4.13e+07	0.78 y	0.90	29:05	1.043	1.038	1.048	57.1740
	PCB-53	4.19e+07	0.77 y	1.14	29:44	0.946	0.941	0.951	53.9778
	PCB-51	4.23e+07	0.76 y	1.18	30:05	0.957	0.952	0.962	52.6463
	PCB-45	3.64e+07	0.80 y	1.03	30:31	0.970	0.965	0.975	52.1782
	PCB-46	3.50e+07	0.78 y	0.98	31:00	0.986	0.981	0.991	52.5848

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	9.67e+07	0.77 y	1.325	31:29	1.001	0.996	1.006	107.510
PCB-73	4.90e+07	0.78 y	1.388	31:36	1.005	1.000	1.010	51.9983
PCB-43/49	8.26e+07	0.78 y	1.141	31:46	1.010	1.005	1.015	106.659
PCB-47	4.15e+07	0.79 y	1.042	31:58	1.000	0.996	1.006	52.9667
PCB-48/75	1.02e+08	0.78 y	1.313	32:05	1.004	0.999	1.009	103.150
PCB-65	4.49e+07	0.78 y	1.234	32:20	1.012	1.007	1.017	48.3980
PCB-62	5.18e+07	0.78 y	1.267	32:27	1.015	1.011	1.021	54.2656
PCB-44	3.40e+07	0.79 y	0.909	32:46	1.025	1.020	1.030	49.5974
PCB-42/59	9.44e+07	0.78 y	1.197	32:59	1.033	1.027	1.037	104.779
PCB-41/64/71/72	2.01e+08	0.78 y	1.273	33:35	1.051	1.046	1.056	209.302
PCB-68	5.56e+07	0.78 y	1.477	33:50	1.059	1.054	1.064	50.0006
PCB-40	3.10e+07	0.79 y	0.820	34:03	1.066	1.060	1.070	50.2467
PCB-57	5.19e+07	0.78 y	1.146	34:25	0.970	0.965	0.975	52.2009
PCB-67	5.03e+07	0.77 y	1.144	34:43	0.979	0.974	0.984	50.6733
PCB-58	5.41e+07	0.79 y	1.221	34:50	0.982	0.977	0.987	51.1312
PCB-63	5.56e+07	0.78 y	1.222	34:59	0.986	0.982	0.992	52.4880
PCB-74	5.42e+07	0.79 y	1.225	35:16	0.994	0.990	1.000	51.0712
PCB-61/70	1.06e+08	0.78 y	1.165	35:27	1.000	0.994	1.004	104.914
PCB-76/66	1.06e+08	0.78 y	1.199	35:40	1.005	1.001	1.011	101.833
PCB-80	6.19e+07	0.79 y	1.383	35:54	1.000	0.995	1.005	52.3753
PCB-55	5.55e+07	0.77 y	1.261	36:13	1.009	1.004	1.014	51.5009
PCB-56/60	1.03e+08	0.78 y	1.161	36:43	1.023	1.018	1.028	103.863
PCB-79	5.53e+07	0.78 y	1.241	37:47	1.053	1.047	1.057	52.1622
PCB-78	5.26e+07	0.78 y	1.129	38:29	0.987	0.982	0.992	55.0240
PCB-81	5.51e+07	0.78 y	1.265	38:60	1.000	0.995	1.005	51.3978
PCB-77	5.28e+07	0.78 y	1.324	39:36	1.000	0.995	1.005	51.4935
PCB-104	3.06e+07	1.62 y	1.367	32:37	1.001	0.996	1.006	55.0009
PCB-96	2.65e+07	1.63 y	1.184	33:53	1.040	1.034	1.044	54.9895
PCB-103	2.40e+07	1.63 y	1.122	34:25	1.056	1.051	1.061	52.5357
PCB-100	2.38e+07	1.62 y	1.096	34:46	1.067	1.062	1.072	53.3073
PCB-94	2.02e+07	1.61 y	1.163	35:15	0.985	0.981	0.991	56.7416
PCB-95/98/102	6.60e+07	1.65 y	1.313	35:43	0.999	0.994	1.004	164.355
PCB-93	1.96e+07	1.55 y	1.079	35:51	1.002	0.997	1.007	59.3793
PCB-88/91	4.21e+07	1.60 y	1.198	36:09	1.011	1.005	1.015	114.886
PCB-121	2.84e+07	1.62 y	1.847	36:16	1.014	1.009	1.019	50.3334
PCB-84/92	4.07e+07	1.61 y	1.217	37:05	0.990	0.985	0.995	110.799
PCB-89	1.99e+07	1.54 y	1.185	37:16	0.995	0.990	1.000	55.4603

Integrations by Analyst: MJ
Date: 11/9/17

Reviewed by Analyst: CT
Date: 11/9/17

Client ID: PCB CS3 17I0520 Filename: 171108E2 S:1 Acq: 8-NOV-17 12:57:43 ConCal: ST171108E2-1

Lab ID: ST171108E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	4.64e+07	1.65 y	1.38	37:28	1.000	0.995	1.005	111.137
	PCB-113	2.56e+07	1.55 y	1.52	37:41	1.006	1.002	1.012	55.7500
	PCB-99	2.29e+07	1.69 y	1.48	37:48	1.009	1.004	1.014	51.4362
	PCB-119	3.04e+07	1.60 y	2.12	38:16	0.988	0.982	0.992	54.6325
	PCB-108/112	4.56e+07	1.66 y	1.59	38:25	0.991	0.986	0.996	109.294
	PCB-83	2.76e+07	1.61 y	1.90	38:34	0.995	0.991	1.001	55.5555
	PCB-97	2.07e+07	1.59 y	1.50	38:46	1.000	0.995	1.005	52.7097
	PCB-86	1.74e+07	1.55 y	1.19	38:54	1.004	0.999	1.009	55.6334
	B-87/117/125	7.56e+07	1.64 y	1.76	39:02	1.007	1.002	1.012	163.244
	PCB-111/115	5.83e+07	1.57 y	2.09	39:11	1.011	1.007	1.017	106.430
	PCB-85/116	4.61e+07	1.62 y	1.53	39:19	1.015	1.010	1.020	114.732
	PCB-120	2.97e+07	1.62 y	2.19	39:34	1.021	1.016	1.026	51.6568
	PCB-110	2.71e+07	1.59 y	1.87	39:42	1.024	1.020	1.030	55.2771
	PCB-82	1.68e+07	1.61 y	0.88	40:19	0.976	0.971	0.981	54.0526
	PCB-124	2.74e+07	1.56 y	1.46	41:00	0.993	0.988	0.998	53.2803
	PCB-107/109	5.61e+07	1.62 y	1.47	41:09	0.996	0.991	1.001	108.078
	PCB-123	2.81e+07	1.60 y	1.48	41:20	1.001	0.996	1.006	54.0894
-	PCB-106/118	5.82e+07	1.61 y	1.45	41:32	1.001	0.996	1.006	110.232
-	PCB-114	5.12e+07	1.58 y	1.39	42:10	1.001	0.995	1.005	51.4868
	PCB-122	4.28e+07	1.61 y	1.21	42:18	1.004	0.999	1.009	49.4558
	PCB-105	5.00e+07	1.61 y	1.44	43:01	1.000	0.995	1.005	51.0759
	PCB-127	4.67e+07	1.61 y	1.19	43:21	1.000	0.995	1.005	52.5491
	PCB-126	4.66e+07	1.58 y	1.33	45:15	1.000	0.995	1.005	50.5257
	PCB-155	1.59e+07	1.33 y	1.42	37:01	1.001	0.966	1.006	51.4672
	PCB-150	1.46e+07	1.32 y	1.32	38:17	1.035	1.029	1.039	50.9286
	PCB-152	1.45e+07	1.32 y	1.30	38:45	1.048	1.042	1.052	51.5541
	PCB-145	1.42e+07	1.33 y	1.27	39:12	1.060	1.054	1.064	51.4047
	PCB-136	1.51e+07	1.30 y	1.30	39:31	1.068	1.063	1.073	53.4053
	PCB-148	1.00e+07	1.35 y	0.94	39:38	1.071	1.066	1.076	48.9131
	PCB-154	1.17e+07	1.28 y	1.04	40:07	1.084	1.079	1.089	51.9294
	PCB-151	1.08e+07	1.34 y	0.97	40:46	1.102	1.095	1.107	51.2106
	PCB-135	1.00e+07	1.30 y	0.99	40:58	1.108	1.101	1.113	46.6519
	PCB-144	1.12e+07	1.31 y	0.99	41:05	1.111	1.105	1.116	51.7443
	PCB-147	1.06e+07	1.28 y	0.89	41:13	1.114	1.108	1.120	55.3198
	PCB-139/149	2.24e+07	1.35 y	1.03	41:29	1.121	1.115	1.127	100.504
-	PCB-140	1.07e+07	1.31 y	0.97	41:40	1.126	1.120	1.132	51.0920
-	PCB-134/143	6.31e+07	1.26 y	0.93	42:05	0.975	0.970	0.980	99.3429
	PCB-131/133	6.24e+07	1.24 y	0.92	42:24	0.982	0.977	0.987	99.3989
	PCB-142	3.06e+07	1.26 y	0.86	42:32	0.985	0.980	0.990	52.0418
	PCB-146/165	7.52e+07	1.25 y	1.12	42:46	0.991	0.986	0.996	98.7074
	PCB-132/161	7.52e+07	1.26 y	1.13	43:01	0.997	0.992	1.002	97.4852
	PCB-153	3.70e+07	1.27 y	1.16	43:11	1.000	0.996	1.006	46.9915
	PCB-168	4.63e+07	1.25 y	1.41	43:24	1.005	1.000	1.010	48.1237
	PCB-141	3.40e+07	1.27 y	1.24	43:55	1.000	0.996	1.006	48.7908
	PCB-137	3.49e+07	1.24 y	1.25	44:18	1.009	1.004	1.014	49.4232
	PCB-130	3.03e+07	1.26 y	1.07	44:24	1.011	1.006	1.016	50.4276
	PCB-138/163/164	1.20e+08	1.26 y	1.36	44:47	1.001	0.996	1.006	148.074
	PCB-158/160	8.76e+07	1.25 y	1.46	45:01	1.006	1.001	1.011	101.091
	PCB-129	2.99e+07	1.23 y	1.01	45:16	1.012	1.007	1.017	49.9110
	PCB-166	4.40e+07	1.27 y	1.23	45:43	0.993	0.988	0.998	49.1595
	PCB-159	4.68e+07	1.24 y	1.31	46:02	1.000	0.995	1.005	49.1146
	PCB-128/162	7.77e+07	1.26 y	1.09	46:20	1.007	1.002	1.012	97.6607
	PCB-167	4.53e+07	1.25 y	1.29	46:43	1.000	0.995	1.005	48.4304
	PCB-156	4.67e+07	1.27 y	1.32	48:00	1.000	0.995	1.005	49.0796
	PCB-157	4.59e+07	1.24 y	1.34	48:16	1.000	0.995	1.005	47.9813
	PCB-169	4.31e+07	1.25 y	1.21	50:28	1.000	0.995	1.005	49.3682
	PCB-188	3.35e+07	1.07 y	1.61	42:49	1.000	0.995	1.005	51.9928
	PCB-184	3.04e+07	1.09 y	1.46	43:16	1.011	1.006	1.016	51.9297
	PCB-179	3.09e+07	1.10 y	1.49	44:03	1.029	1.024	1.034	51.9008
	PCB-176	3.29e+07	1.07 y	1.58	44:30	1.040	1.035	1.045	51.9623
	PCB-186	3.28e+07	1.08 y	1.54	45:07	1.054	1.049	1.059	53.3108
	PCB-178	2.41e+07	1.07 y	1.16	45:37	1.066	1.061	1.071	51.8839
	PCB-175	2.39e+07	1.08 y	1.17	45:57	1.074	1.069	1.079	50.7425
	PCB-182/187	5.03e+07	1.08 y	1.25	46:08	1.078	1.073	1.083	100.101
	PCB-183	2.67e+07	1.08 y	1.32	46:26	1.085	1.080	1.090	50.3841
	PCB-185	2.37e+07	1.08 y	1.67	47:06	0.956	0.951	0.961	50.5885
	PCB-174	1.98e+07	1.07 y	1.53	47:27	0.963	0.958	0.968	46.0441
	PCB-181	2.56e+07	1.07 y	1.59	47:34	0.965	0.960	0.970	57.2419
	PCB-177	2.10e+07	1.04 y	1.48	47:44	0.969	0.964	0.974	50.5803
	PCB-171	2.45e+07	1.07 y	1.71	48:01	0.975	0.969	0.979	51.0516
	PCB-173	1.92e+07	1.05 y	1.40	48:27	0.983	0.978	0.988	48.8655
	PCB-172	2.28e+07	1.09 y	1.61	48:53	0.992	0.987	0.997	50.4706
	PCB-192	2.94e+07	1.08 y	2.08	49:05	0.996	0.991	1.001	50.3382
	PCB-180	2.32e+07	1.08 y	1.67	49:18	1.000	0.995	1.005	49.5384

Integrations by Analyst: (M)

Date: 11/9/17

Client ID: PCB CS3 17I0520 Filename: 171108E2 S:1 Acq: 8-NOV-17 12:57:43 ConCal: ST171108E2-1
Lab ID: ST171108E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	3.11e+07	1.07 y	2.18	49:30	1.005	0.999	1.009	50.6834
	PCB-191	3.12e+07	1.06 y	2.22	49:45	1.010	1.005	1.015	49.9317
	PCB-170	2.28e+07	1.09 y	1.83	50:54	1.000	0.995	1.005	50.6000
	PCB-190	3.07e+07	1.11 y	2.48	51:05	1.004	0.999	1.009	50.3028
	PCB-189	2.88e+07	1.08 y	1.82	52:32	1.000	0.995	1.005	49.3177
	PCB-202	1.60e+07	0.93 y	1.15	48:14	1.000	0.995	1.005	51.2233
	PCB-201	1.78e+07	0.92 y	1.25	48:43	1.010	1.005	1.015	52.5307
	PCB-204	1.61e+07	0.89 y	1.21	48:52	1.014	1.009	1.019	49.1794
	PCB-197	1.81e+07	0.94 y	1.34	49:10	1.020	1.015	1.025	49.8844
	PCB-200	1.67e+07	0.89 y	1.22	50:04	1.039	1.034	1.044	50.7147
	PCB-198	1.19e+07	0.90 y	0.90	51:33	1.069	1.064	1.074	48.7270
	PCB-199	1.21e+07	0.94 y	0.85	51:40	1.072	1.067	1.077	52.6033
-	PCB-196/203	2.58e+07	0.92 y	0.96	51:57	1.078	1.072	1.082	99.3300
-	PCB-195	2.89e+07	0.91 y	1.12	53:13	0.983	0.979	0.989	50.2201
	PCB-194	3.16e+07	0.91 y	1.26	54:08	1.000	0.995	1.005	48.8133
	PCB-205	4.08e+07	0.90 y	1.59	54:24	1.005	1.000	1.010	50.0264
	PCB-208	3.42e+07	1.35 y	1.09	53:22	1.000	0.995	1.005	50.3256
	PCB-207	3.56e+07	1.33 y	1.10	53:41	1.006	1.001	1.011	52.0792
	PCB-206	2.33e+07	1.34 y	0.94	55:41	1.000	0.995	1.005	50.6803
	PCB-209	3.01e+07	1.18 y	1.44	57:00	1.000	0.995	1.005	48.5778

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	2.19e+08	3.01 y	16:00	1.11	154.163	
Total Di-PCB	8.01e+08	1.59 y	20:01	1.19	625.722	
Total Tri-PCB	3.94e+08	1.08 y	24:09	1.27	454.556	
Total Tri-PCB	1.04e+09	1.07 y	27:52	1.23	840.956	Sum:1295.51
Total Tetra-PCB	2.05e+09	0.79 y	27:55	1.17	2200.26	
Total Penta-PCB	1.00e+09	1.62 y	32:37	1.37	2248.89	
Total Penta-PCB	2.45e+08	1.58 y	42:10	1.31	262.998	Sum:2511.89
Total Hexa-PCB	1.72e+08	1.33 y	37:01	1.10	716.125	
Total Hexa-PCB	1.09e+09	1.26 y	42:05	1.17	1396.63	Sum:2112.76
Total Hepta-PCB	6.43e+08	1.07 y	42:49	1.55	1226.31	
Total Octa-PCB	1.35e+08	0.93 y	48:14	1.09	454.193	
Total Octa-PCB	1.02e+08	0.91 y	53:13	1.33	150.631	Sum:604.824
Total Nona-PCB	9.34e+07	1.35 y	53:22	1.05	153.648	
Total Deca-PCB	3.01e+07	1.18 y	57:00	1.44	48.5778	

Total PCB Conc:10876.7962170

Integrations by Analyst: M

Date: 11/9/17

Client ID: PCB CS3 17I0520 Filename: 171108E2 S:1 Acq: 8-NOV-17 12:57:43 ConCal: ST171108E2-1
Lab ID: ST171108E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.24e+08	3.25 y	1.24	15:59	0.618	0.616	0.622	86.0	86.0
13C-PCB-3	1.30e+08	3.22 y	1.25	18:37	0.720	0.717	0.725	89.3	89.3
13C-PCB-4	7.76e+07	1.57 y	0.66	19:58	0.772	0.768	0.776	101	101
13C-PCB-9	1.12e+08	1.56 y	0.98	21:46	0.842	0.838	0.846	97.5	97.5
13C-PCB-11	1.12e+08	1.56 y	0.95	25:09	0.973	0.968	0.978	101	101
13C-PCB-19	6.02e+07	1.08 y	0.64	24:08	0.933	0.928	0.938	81.1	81.1
13C-PCB-28	1.01e+08	1.05 y	0.98	29:01	1.003	0.999	1.009	96.5	96.5
13C-PCB-32	7.31e+07	1.08 y	0.90	27:04	1.047	1.041	1.051	69.5	69.5
13C-PCB-37	9.99e+07	1.07 y	0.95	32:54	1.138	1.131	1.144	98.2	98.2
13C-PCB-47	7.53e+07	0.80 y	0.85	31:57	0.870	0.867	0.875	105	105
13C-PCB-52	6.79e+07	0.80 y	0.77	31:26	0.857	0.853	0.861	104	104
13C-PCB-54	8.04e+07	0.80 y	0.99	27:54	0.760	0.757	0.765	96.3	96.3
13C-PCB-70	8.67e+07	0.81 y	1.00	35:28	0.966	0.961	0.971	103	103
13C-PCB-77	7.74e+07	0.81 y	0.96	39:35	1.078	1.073	1.083	96.3	96.3
13C-PCB-80	8.54e+07	0.82 y	1.00	35:53	0.978	0.973	0.983	101	101
13C-PCB-81	8.47e+07	0.79 y	1.00	38:59	1.062	1.057	1.067	100	100
13C-PCB-95	3.06e+07	1.69 y	0.81	35:46	0.913	0.908	0.918	99.5	99.5
13C-PCB-97	2.62e+07	1.69 y	0.70	38:45	0.989	0.984	0.994	99.0	99.0
13C-PCB-101	3.02e+07	1.64 y	0.80	37:27	0.956	0.951	0.961	99.5	99.5
13C-PCB-104	4.07e+07	1.64 y	1.03	32:36	0.832	0.828	0.836	104	104
13C-PCB-105	6.80e+07	1.59 y	1.16	43:00	0.929	0.924	0.934	112	112
13C-PCB-114	7.14e+07	1.62 y	1.17	42:09	0.910	0.905	0.915	117	117
13C-PCB-118	3.65e+07	1.64 y	0.99	41:30	1.059	1.054	1.064	96.8	96.8
13C-PCB-123	3.53e+07	1.70 y	0.95	41:18	1.054	1.049	1.059	97.5	97.5
13C-PCB-126	6.91e+07	1.59 y	1.16	45:14	0.977	0.972	0.982	114	114
13C-PCB-127	7.47e+07	1.59 y	1.25	43:20	0.936	0.931	0.941	114	114
13C-PCB-138	5.94e+07	1.29 y	1.15	44:45	0.967	0.961	0.971	98.8	98.8
13C-PCB-141	5.63e+07	1.29 y	1.08	43:54	0.949	0.943	0.953	99.7	99.7
13C-PCB-153	6.80e+07	1.26 y	1.28	43:10	0.933	0.928	0.938	101	101
13C-PCB-155	2.17e+07	1.28 y	0.75	36:59	0.944	0.939	0.949	76.3	76.3
13C-PCB-156	7.23e+07	1.29 y	1.37	47:59	1.037	1.032	1.042	100	100
13C-PCB-157	7.16e+07	1.26 y	1.38	48:15	1.042	1.038	1.048	99.3	99.3
13C-PCB-159	7.27e+07	1.24 y	1.38	46:01	0.994	0.989	0.999	101	101
13C-PCB-167	7.24e+07	1.28 y	1.39	46:42	1.009	1.004	1.014	99.4	99.4
13C-PCB-169	7.21e+07	1.28 y	1.38	50:28	1.090	1.085	1.095	100	100
13C-PCB-170	2.46e+07	0.46 y	0.84	50:52	1.103	1.097	1.109	100	100
13C-PCB-180	2.81e+07	0.49 y	0.96	49:16	1.069	1.063	1.073	99.8	99.8
13C-PCB-188	4.01e+07	0.47 y	1.39	42:48	0.928	0.923	0.933	98.7	98.7
13C-PCB-189	3.21e+07	0.46 y	1.12	52:31	1.139	1.132	1.144	98.1	98.1
13C-PCB-194	5.12e+07	0.92 y	0.76	54:07	0.995	0.990	1.000	99.1	99.1
13C-PCB-202	2.71e+07	0.91 y	1.21	48:12	1.045	1.040	1.050	76.3	76.3
13C-PCB-206	4.89e+07	0.79 y	0.78	55:41	1.024	1.019	1.029	92.2	92.2
13C-PCB-208	6.24e+07	0.77 y	1.08	53:21	0.981	0.976	0.986	85.4	85.4
13C-PCB-209	4.30e+07	1.24 y	0.73	56:59	1.048	1.043	1.053	86.6	86.6

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	8.86e+07	0.82 y	1.02	37:46	1.029	1.024	1.034	103	103
13C-PCB-178	2.69e+07	0.46 y	0.90	45:35	0.985	0.980	0.990	102	102

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	8.86e+07	0.82 y	1.01	37:46	0.969	0.963	0.973	103	103
13C-PCB-178	2.69e+07	0.46 y	0.94	45:35	0.925	0.920	0.930	102	102

RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	1.17e+08	1.58	y	1.00	25:51	100
13C-PCB-31	1.07e+08	1.06	y	1.00	28:55	100
13C-PCB-60	8.42e+07	0.81	y	1.00	36:42	100
13C-PCB-111	3.79e+07	1.71	y	1.00	39:11	100
13C-PCB-128	5.24e+07	1.29	y	1.00	46:17	100
13C-PCB-182	2.93e+07	0.45	y	1.00	46:07	100
13C-PCB-205	6.79e+07	0.92	y	1.00	54:23	100

Analyst: MJ

Date: 11/9/17

Vista Analytical Laboratory - Injection Log Run file: 171108E2 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
171108E2	1	ST171108E2-1	MAS	8-NOV-17	12:57:43	ST171108E2-1	NA
171108E2	2	SOLVENT BLANK	MAS	8-NOV-17	14:02:54	ST171108E2-1	NA
171108E2	3	1701157-02	MAS	8-NOV-17	15:08:05	ST171108E2-1	NA
171108E2	4	B7K0025-BS1	MAS	8-NOV-17	16:13:17	ST171108E2-1	NA
171108E2	6	SOLVENT BLANK	MAS	8-NOV-17	17:19:51	ST171108E2-1	NA
171108E2	7	B7K0025-BLK1	MAS	8-NOV-17	18:25:04	ST171108E2-1	NA
171108E2	9	1700921-01	MAS	8-NOV-17	19:31:38	ST171108E2-1	NA
171108E2	10	1700921-02	MAS	8-NOV-17	20:36:49	ST171108E2-1	NA
171108E2	11	1700921-03	MAS	8-NOV-17	21:42:01	ST171108E2-1	NA
171108E2	12	SOLVENT BLANK	MAS	8-NOV-17	22:47:13	ST171108E2-1	NA

sample # 5 and # 8 not on run
MS 11/8/17

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST171108E2-1

Reviewed By: CT 11/9/17
Initials & Date

End Calibration ID: NA

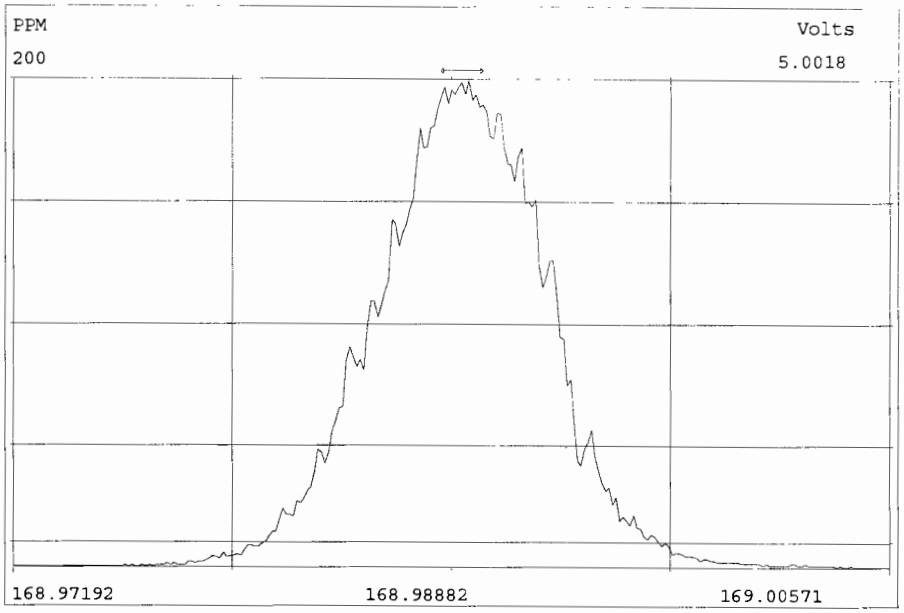
	Beg.	End
Ion abundance within QC limits?	✓	NA
Concentrations within criteria?	✓	
TCDD/TCDF Valleys <25%	NA	
First and last eluters present?	✓	
Retention Times within criteria?	✓	
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	✓	
Forms signed and dated?	✓	
Correct ICAL referenced?	M	
Run Log:		
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	Y	N
- Bottle position verfied?	M	

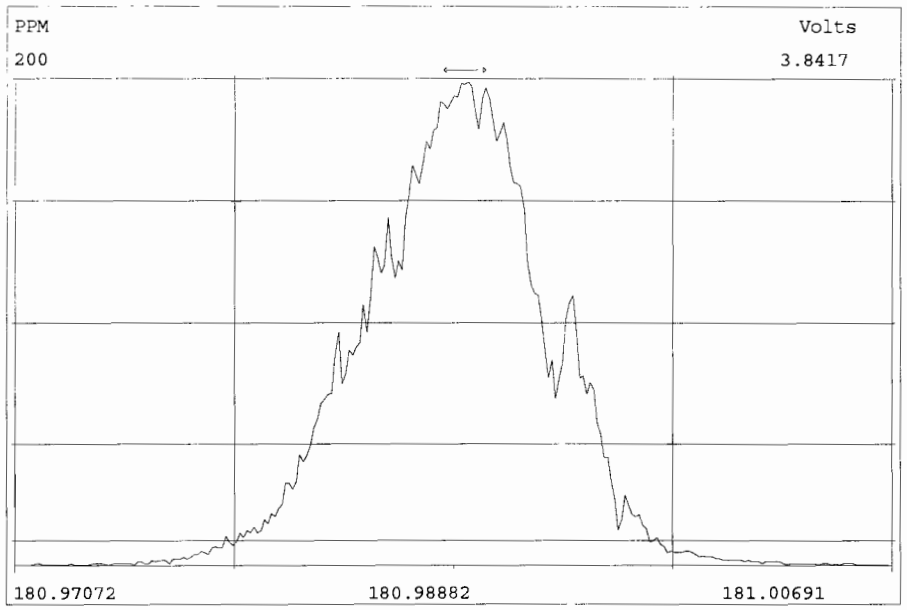
	Beg.	End
Mass resolution ≥	✓	✓
☐ 5k ☐ 6-8K ☐ 8K ☑ 10K 1614 1699 429 1613/1668/8280		
Intergrated peaks display correctly?	✓	NA
GC Break <20%	NA	
8280 CS1 End Standard:		
- Ratios within limits, S/N <2.5:1, CS1 within 12 hours	NA	

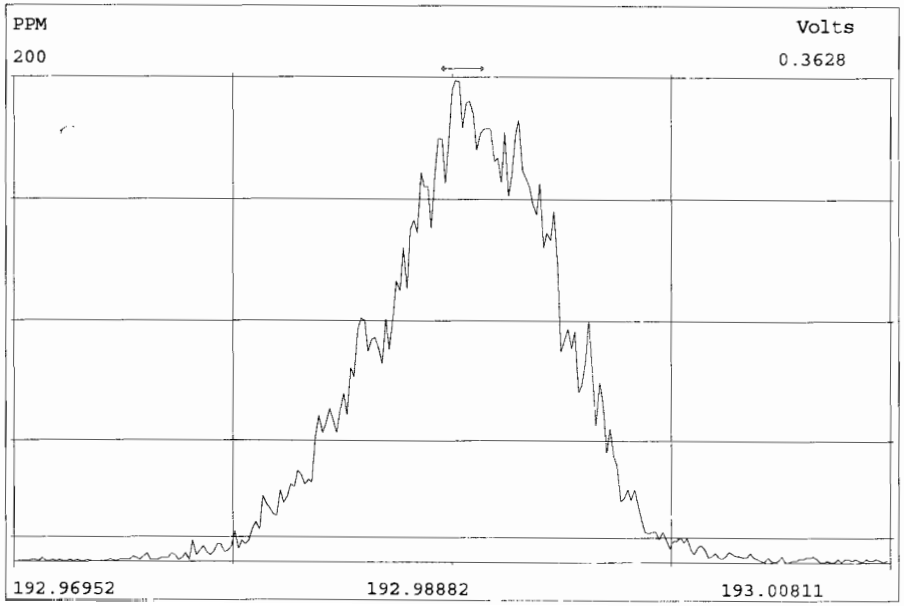
Comments:

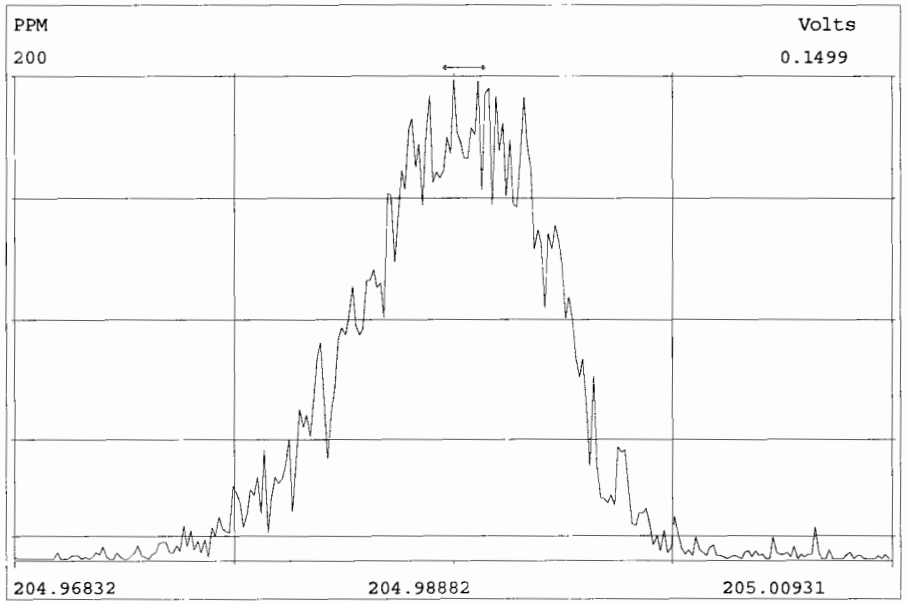
Peak Locate Examination: 8-NOV-2017:12:56 File:171108E2

Experiment:PCB_ZB1 Function:1 Reference:PFK



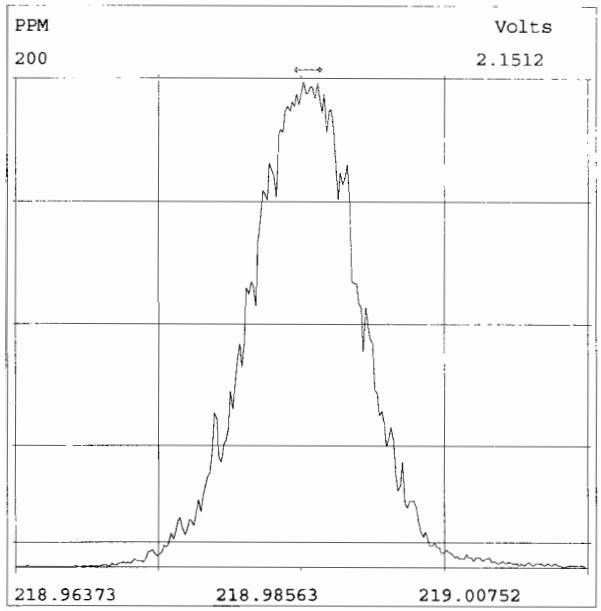


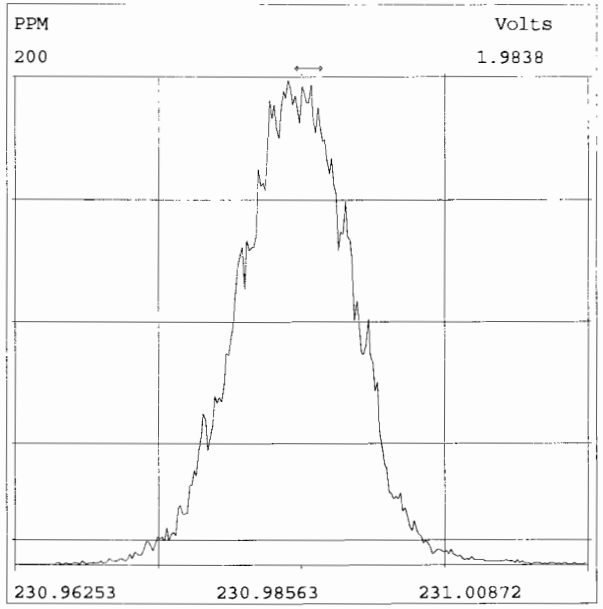


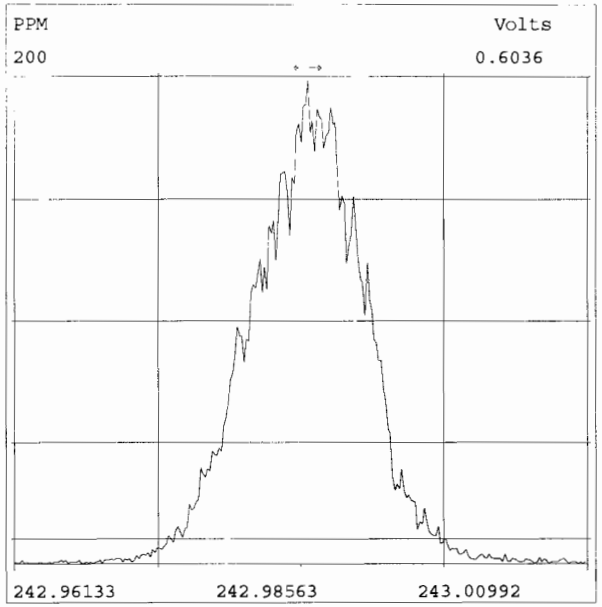


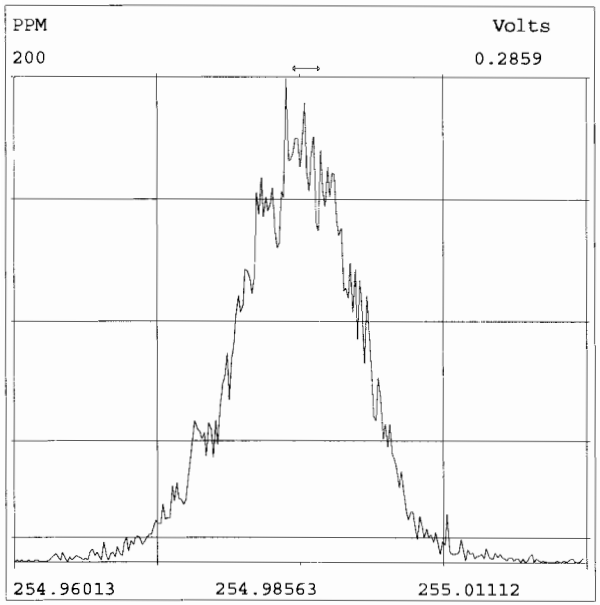
Peak Locate Examination: 8-NOV-2017:12:56 File:171108E2

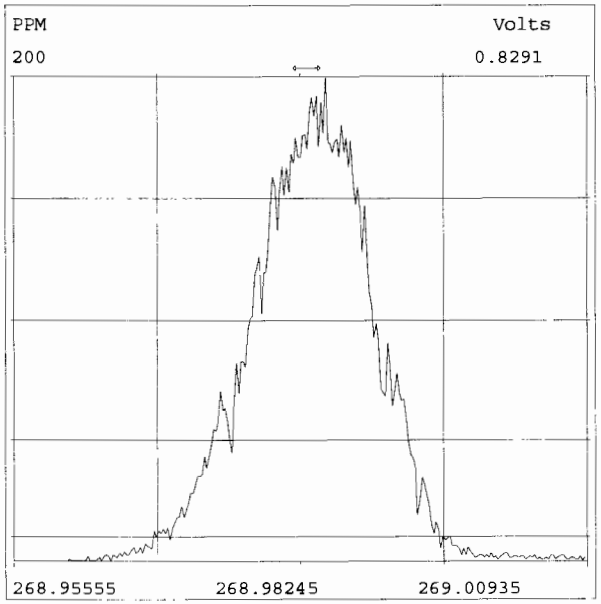
Experiment:PCB_ZB1 Function:2 Reference:PFK

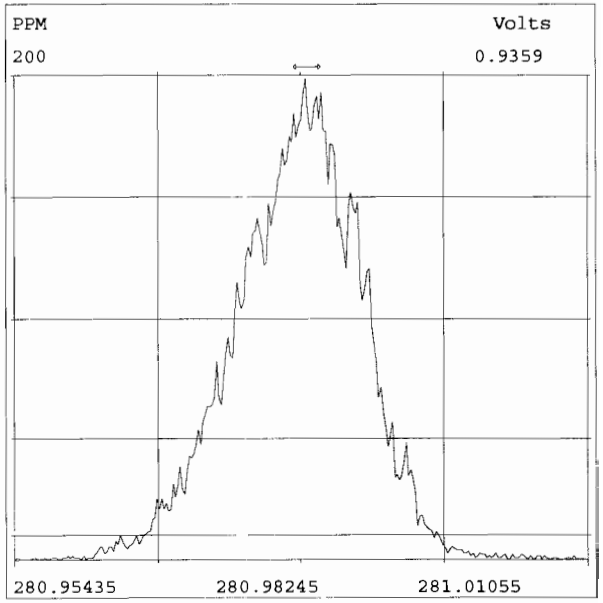






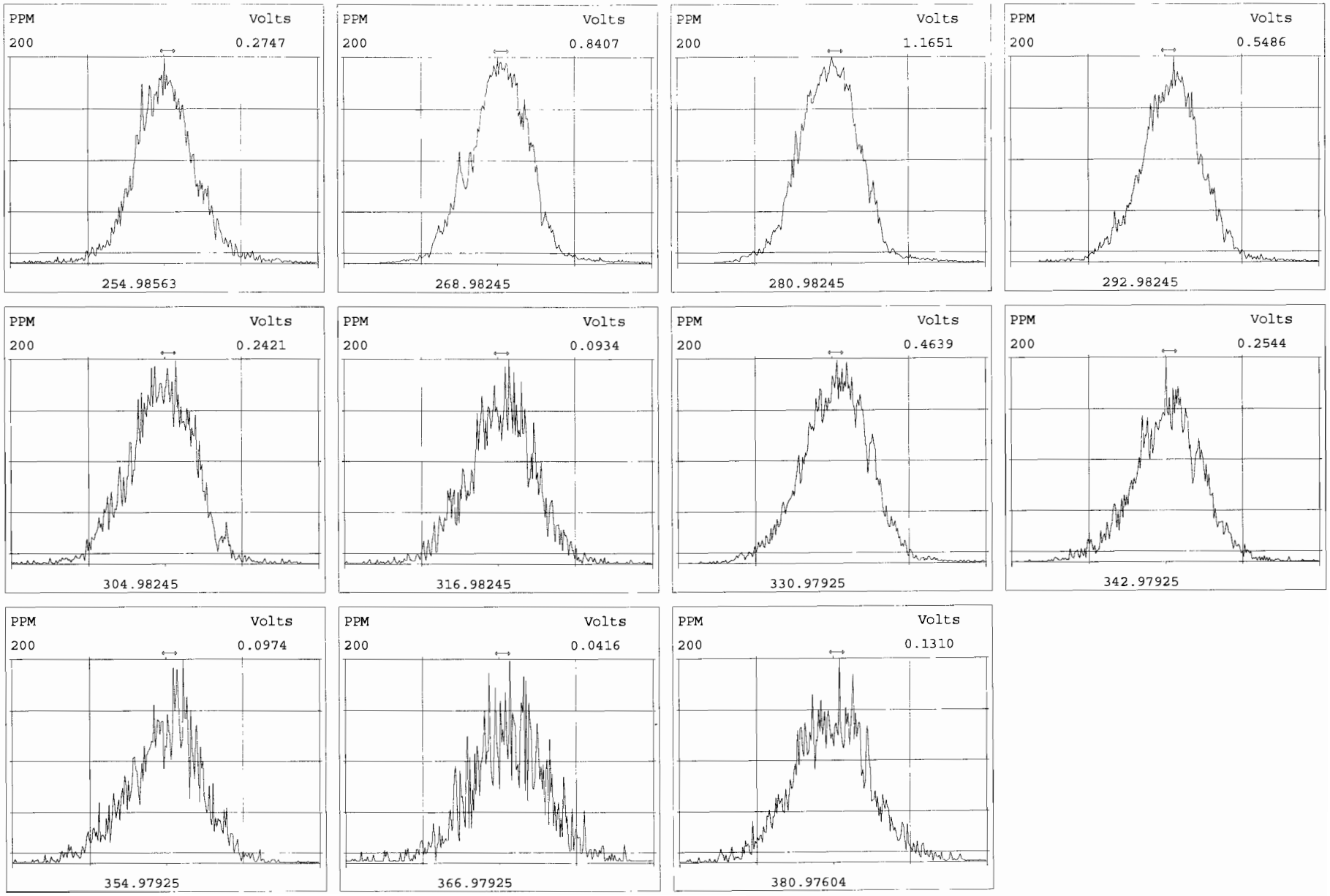






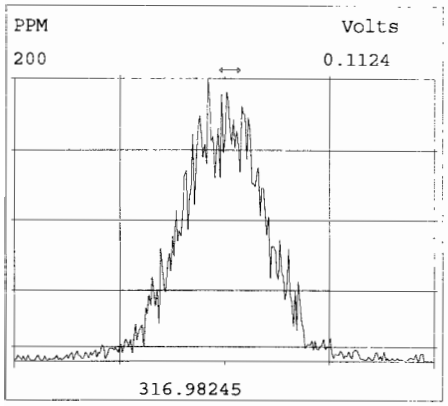
Peak Locate Examination: 8-NOV-2017:12:56 File:171108E2

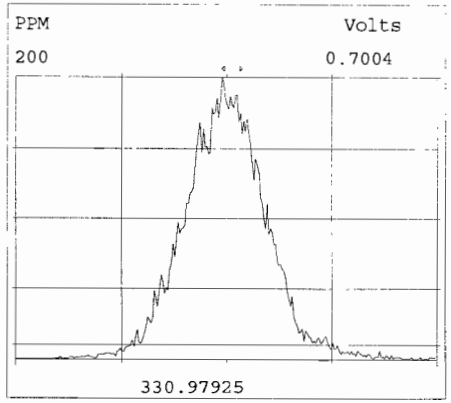
Experiment:PCB_ZB1 Function:3 Reference:PFK

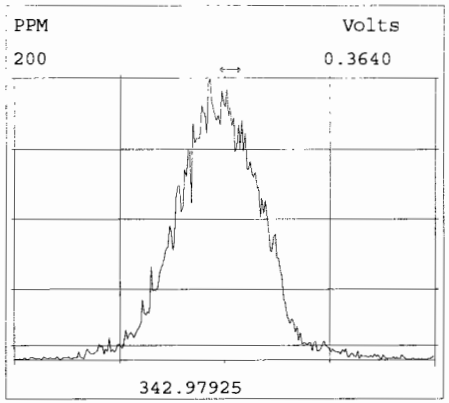


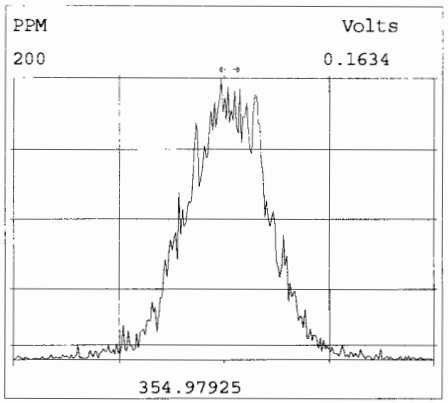
Peak Locate Examination: 8-NOV-2017:12:57 File:171108E2

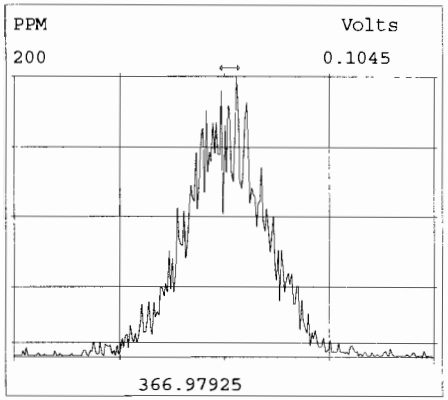
Experiment:PCB_ZB1 Function:4 Reference:PFK

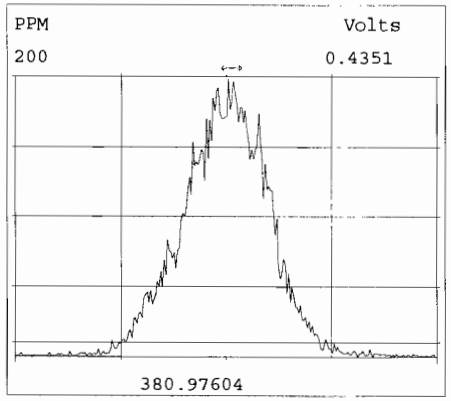


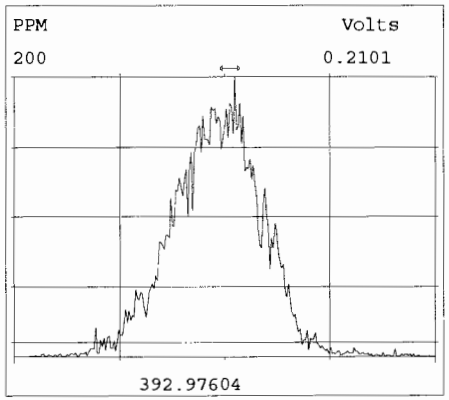


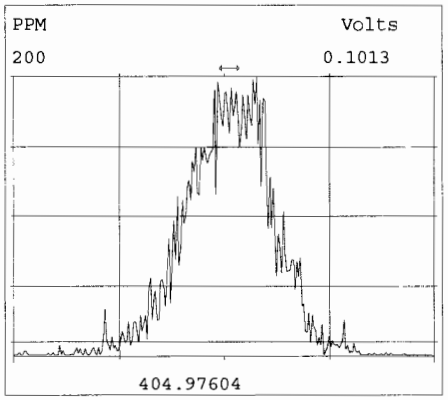


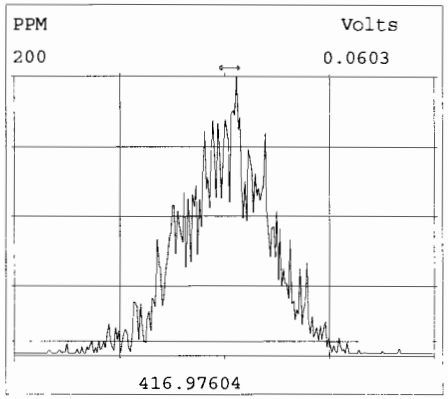


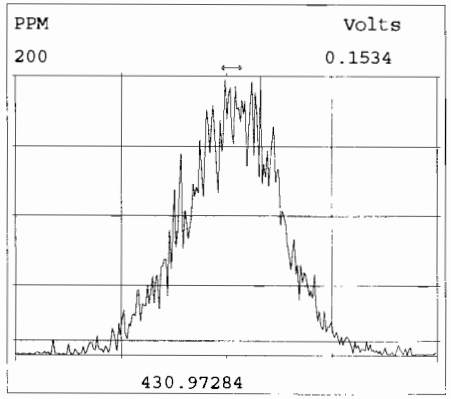


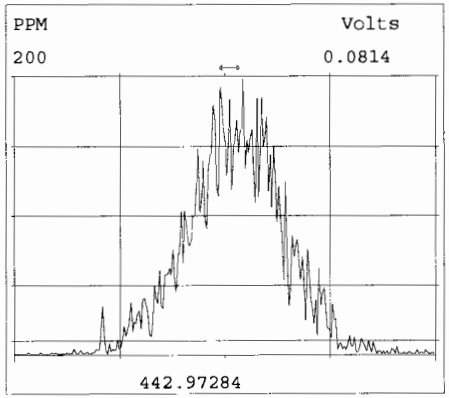






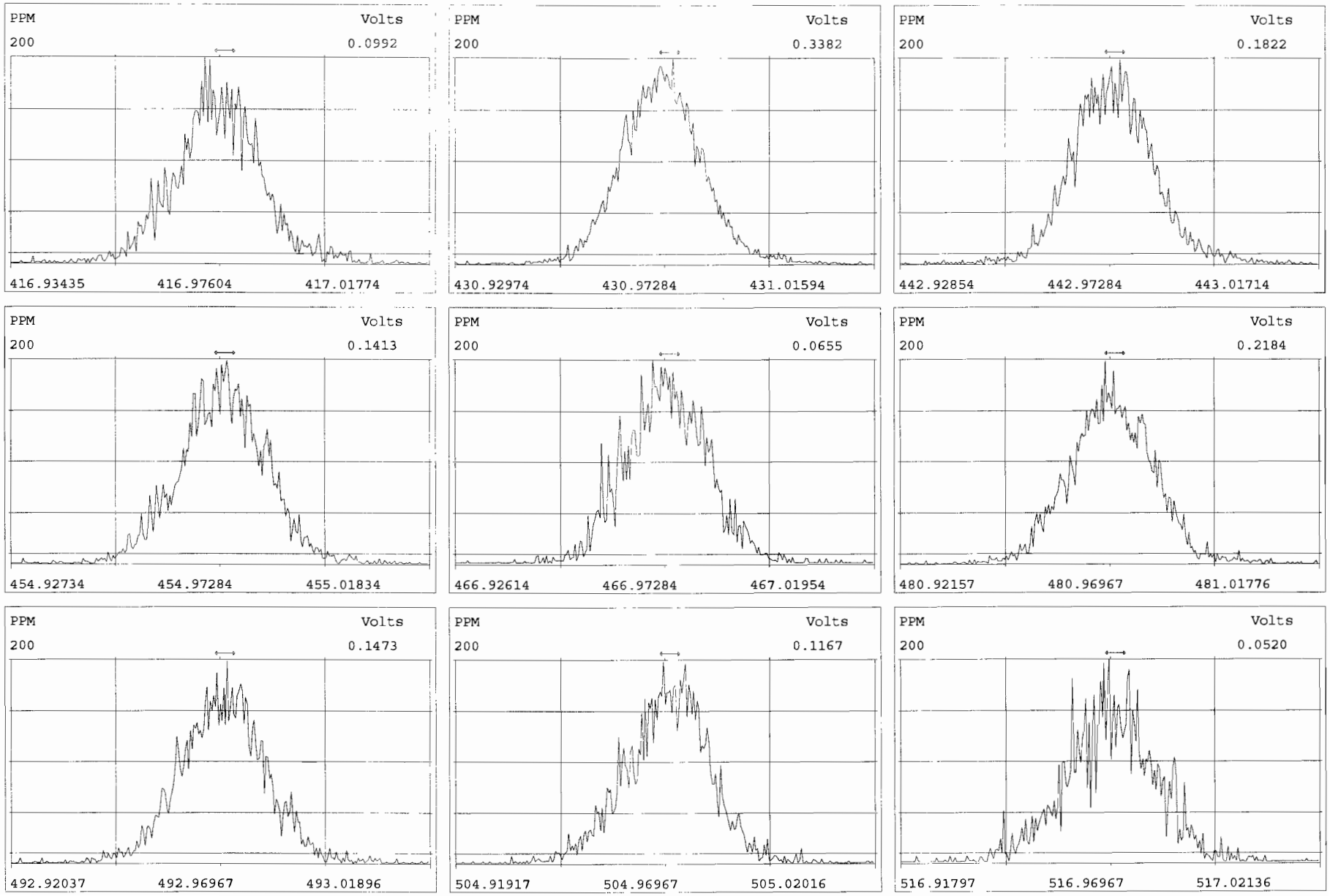






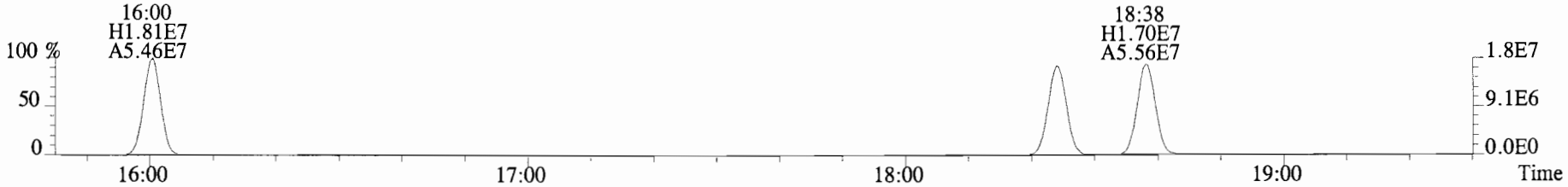
Peak Locate Examination: 8-NOV-2017:12:57 File:171108E2

Experiment:PCB_ZB1 Function:5 Reference:PFK

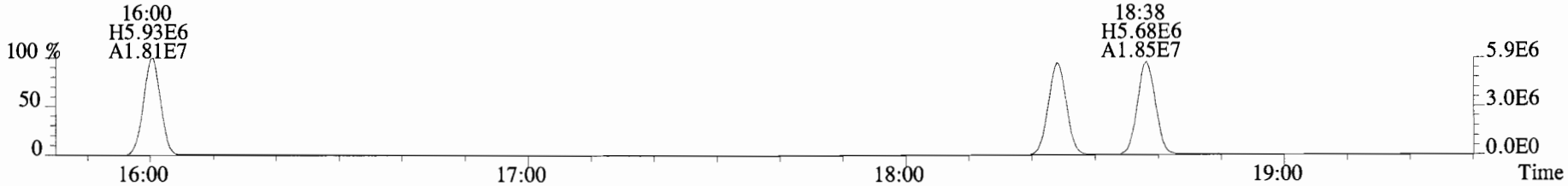


File:171108E2 #1-867 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1

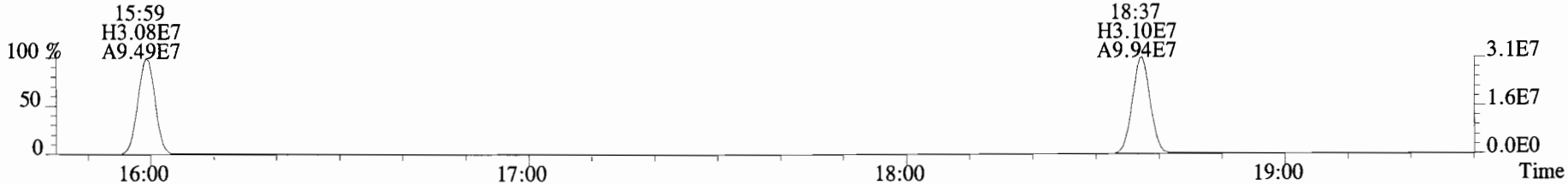
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6072.0,0.00%,F,F)



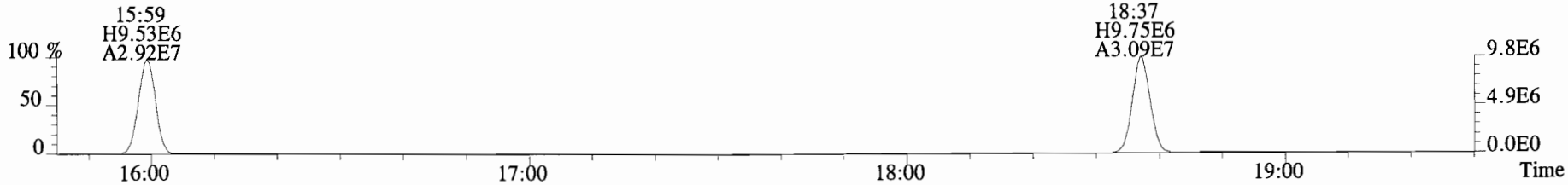
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5276.0,0.00%,F,F)



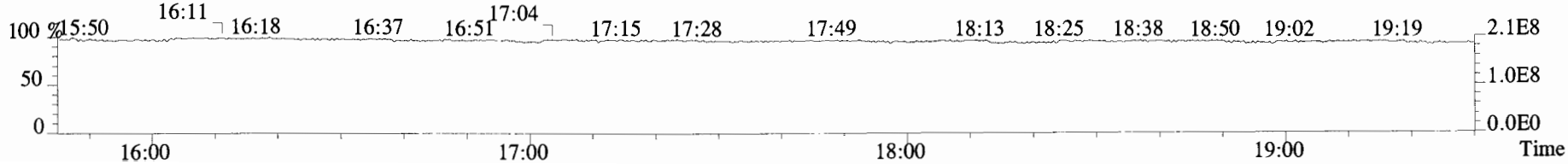
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5312.0,0.00%,F,F)



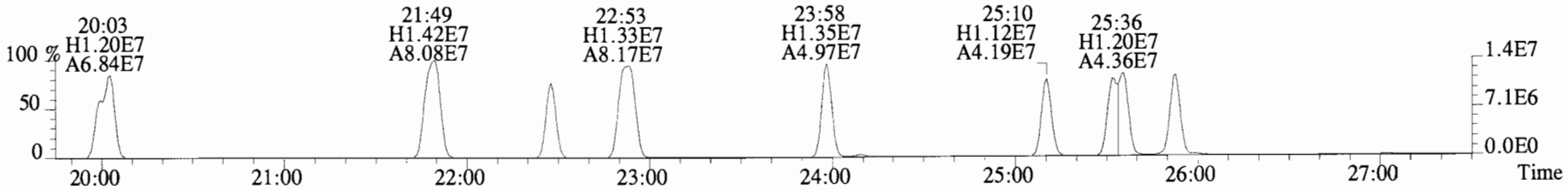
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10548.0,0.00%,F,F)



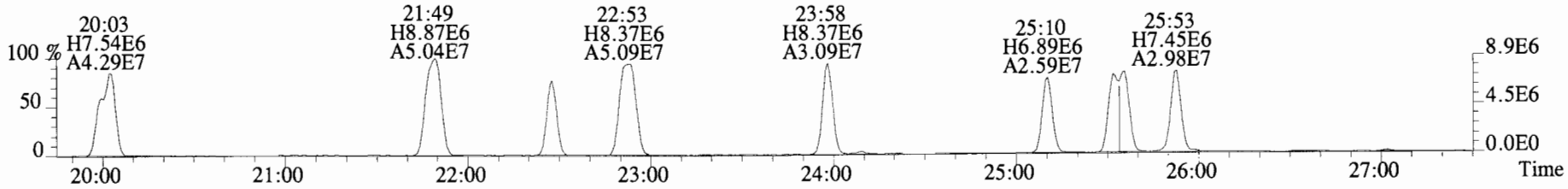
180.9880



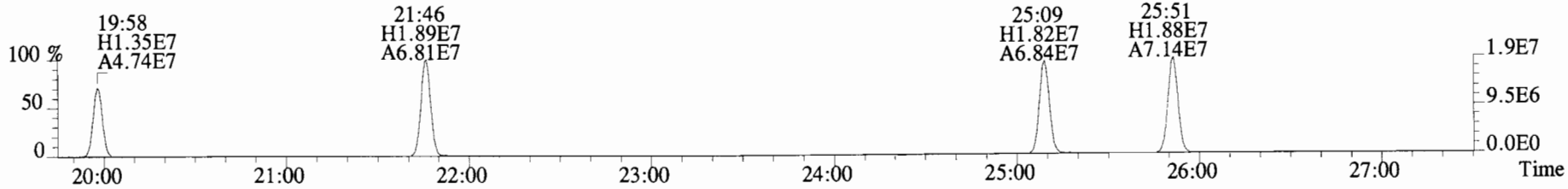
File:171108E2 #1-757 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6704.0,0.00%,F,F)



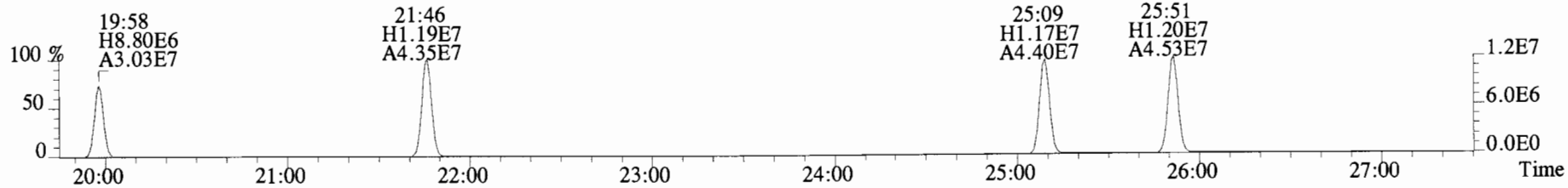
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34388.0,0.00%,F,F)



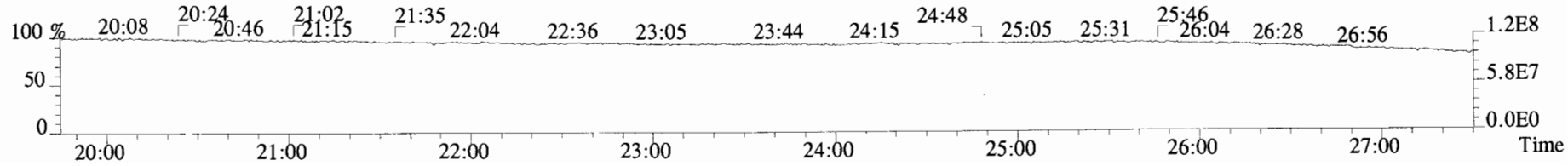
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3104.0,0.00%,F,F)



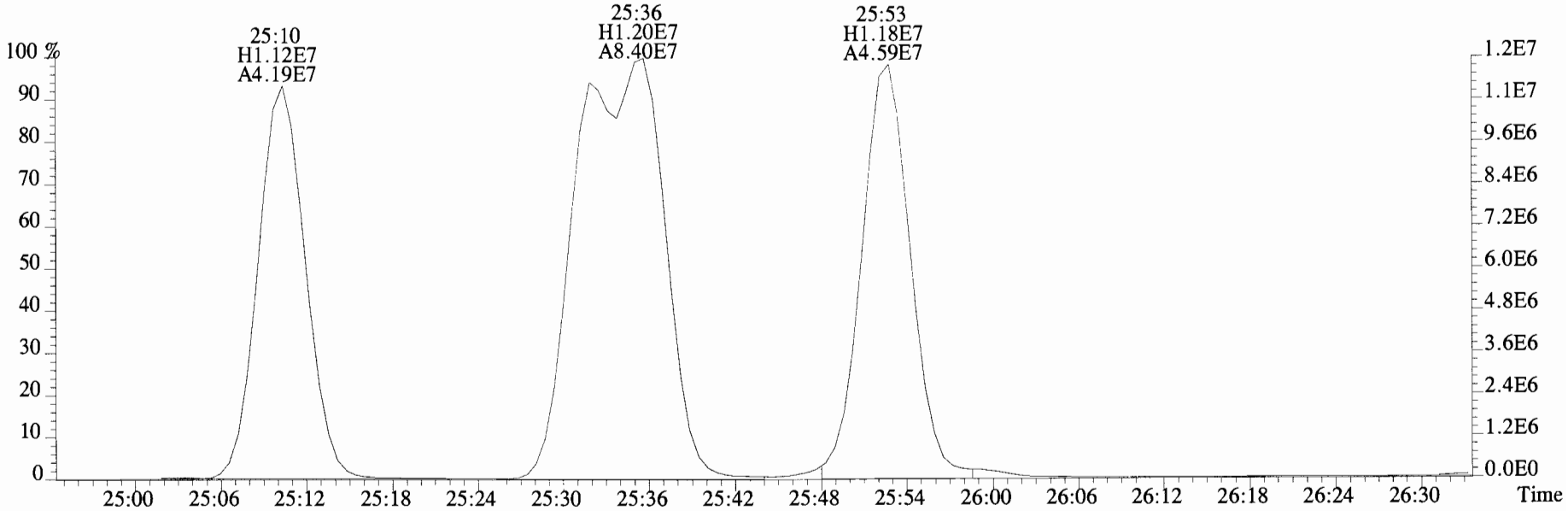
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3264.0,0.00%,F,F)



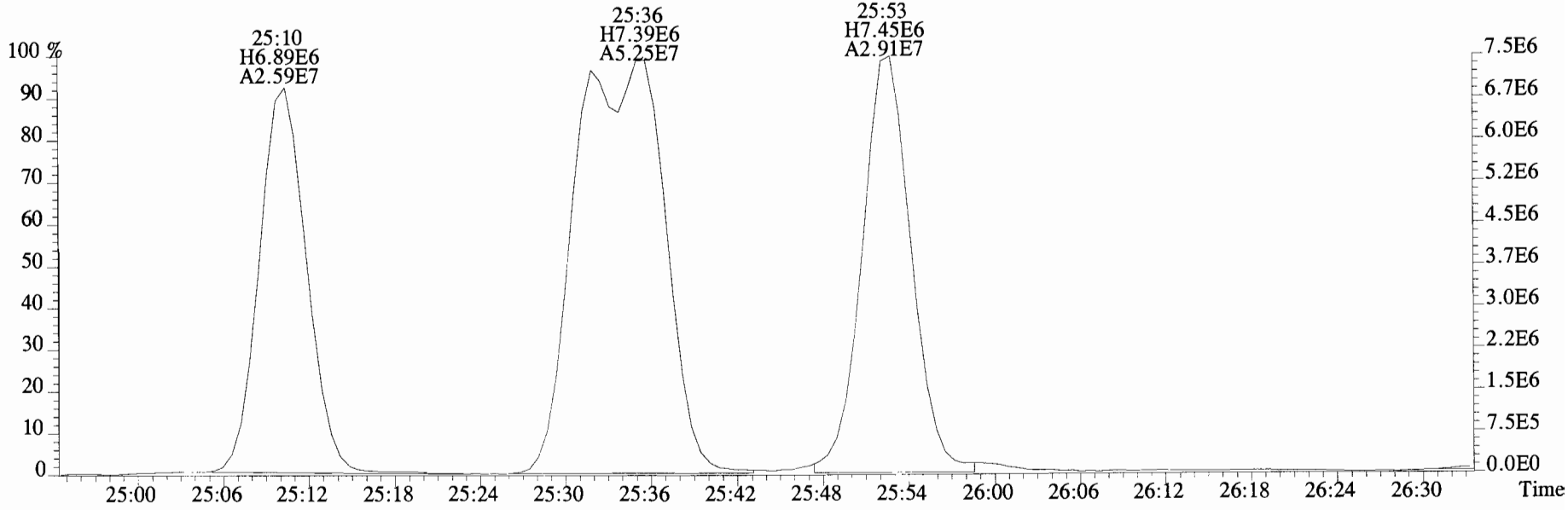
230.9856 F:2



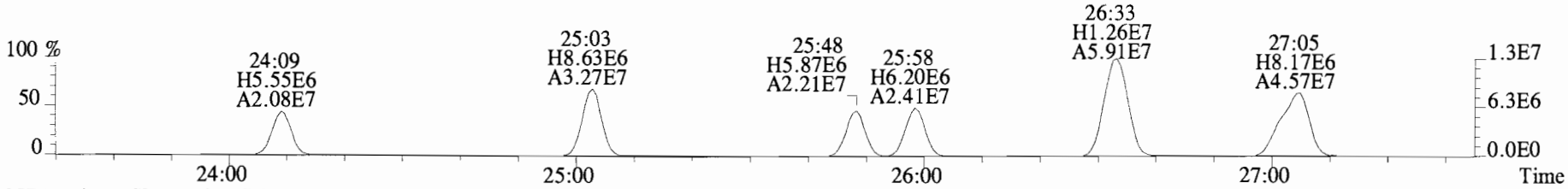
File:171108E2 #1-757 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6704.0,0.00%,F,F)



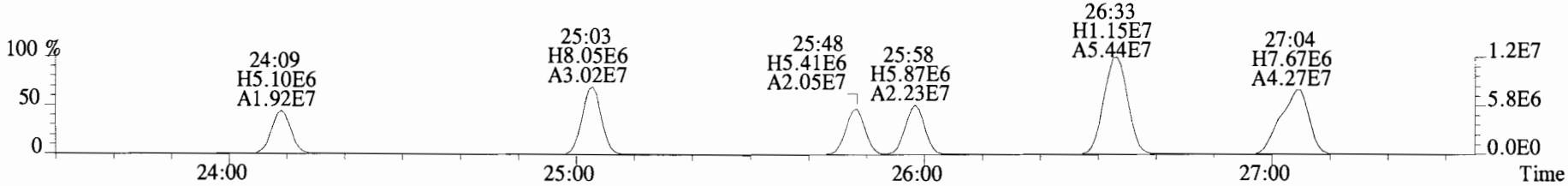
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34388.0,0.00%,F,F)



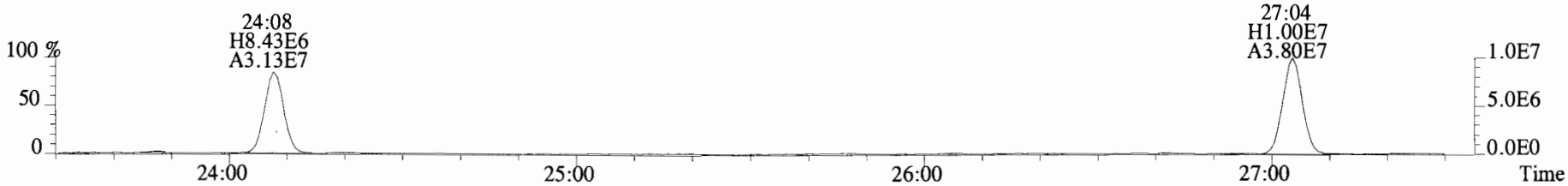
File:171108E2 #1-757 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3624.0,0.00%,F,F)



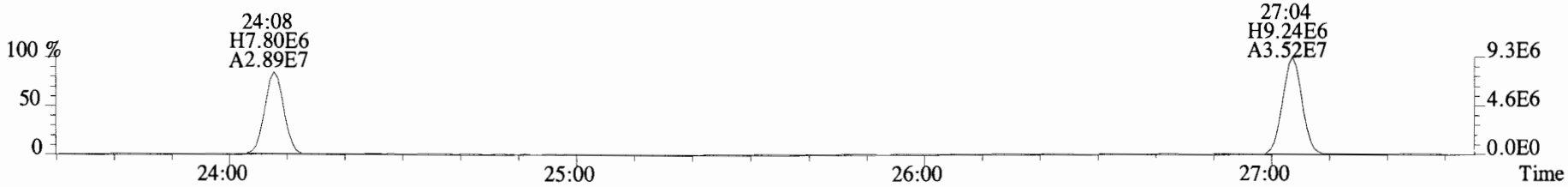
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2304.0,0.00%,F,F)



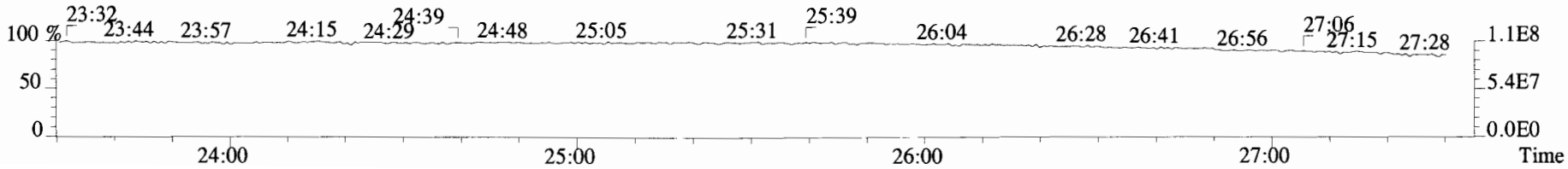
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99968.0,0.00%,F,F)



269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53828.0,0.00%,F,F)

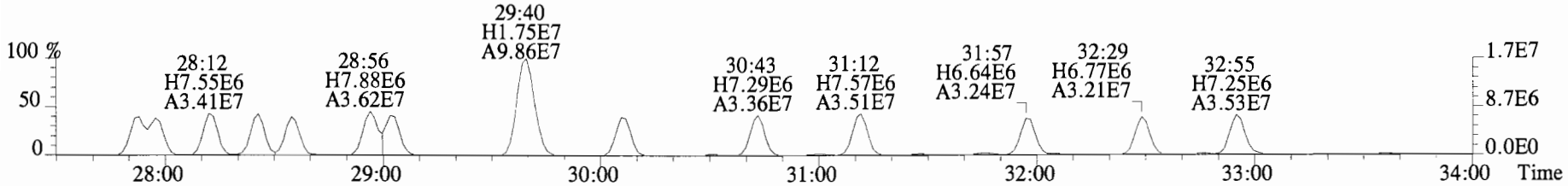


230.9856 F:2

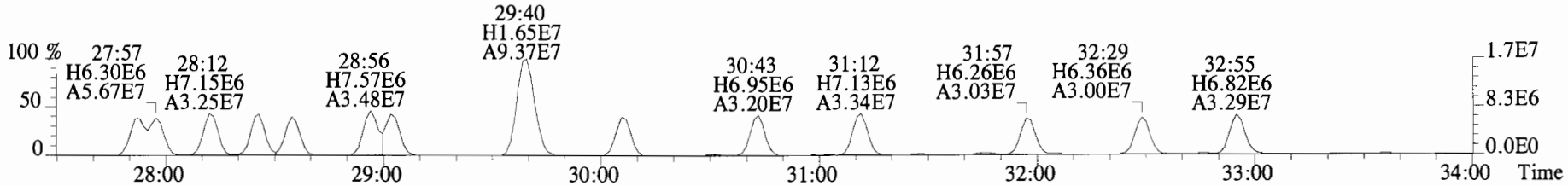


File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1

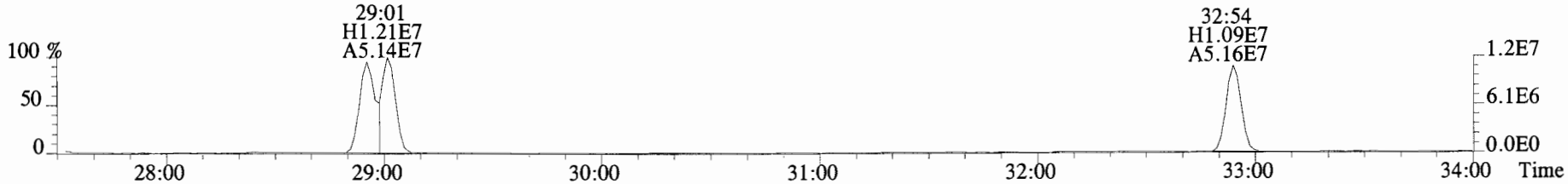
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10664.0,0.00%,F,F)



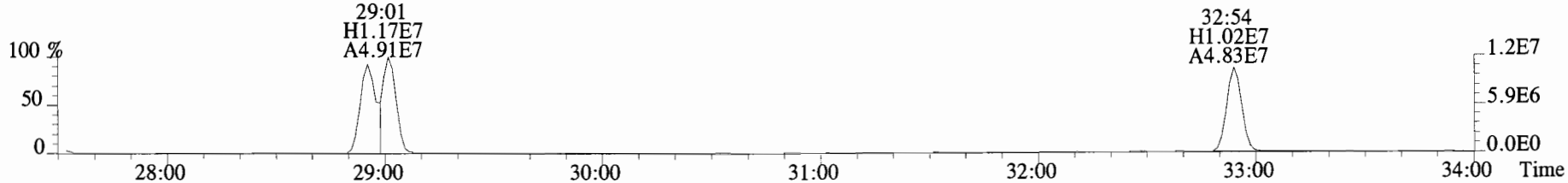
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10204.0,0.00%,F,F)



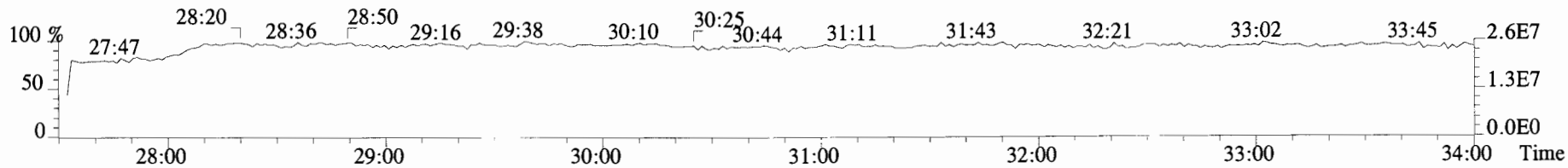
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69516.0,0.00%,F,F)



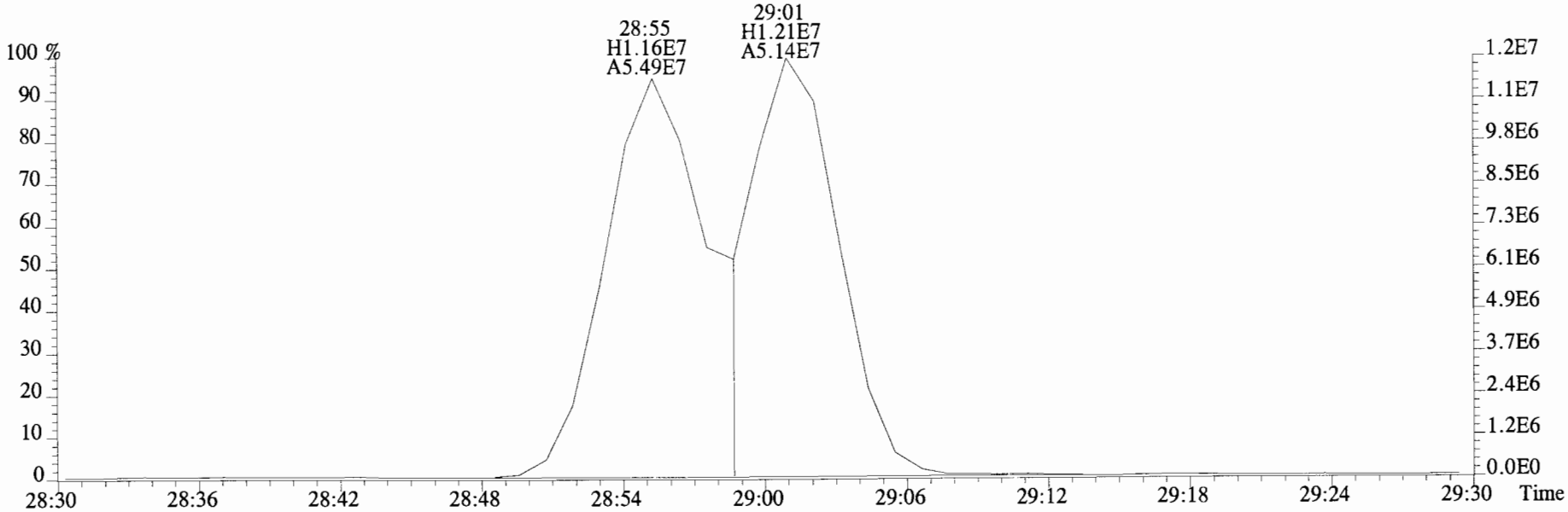
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35460.0,0.00%,F,F)



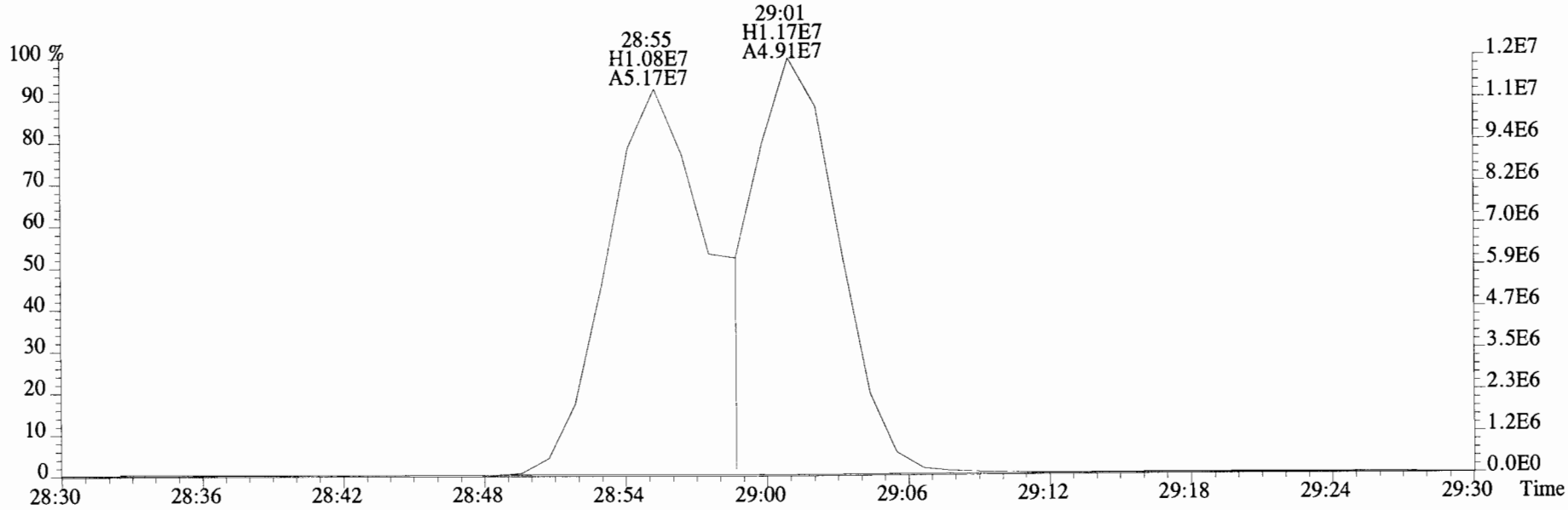
330.9792 F:3



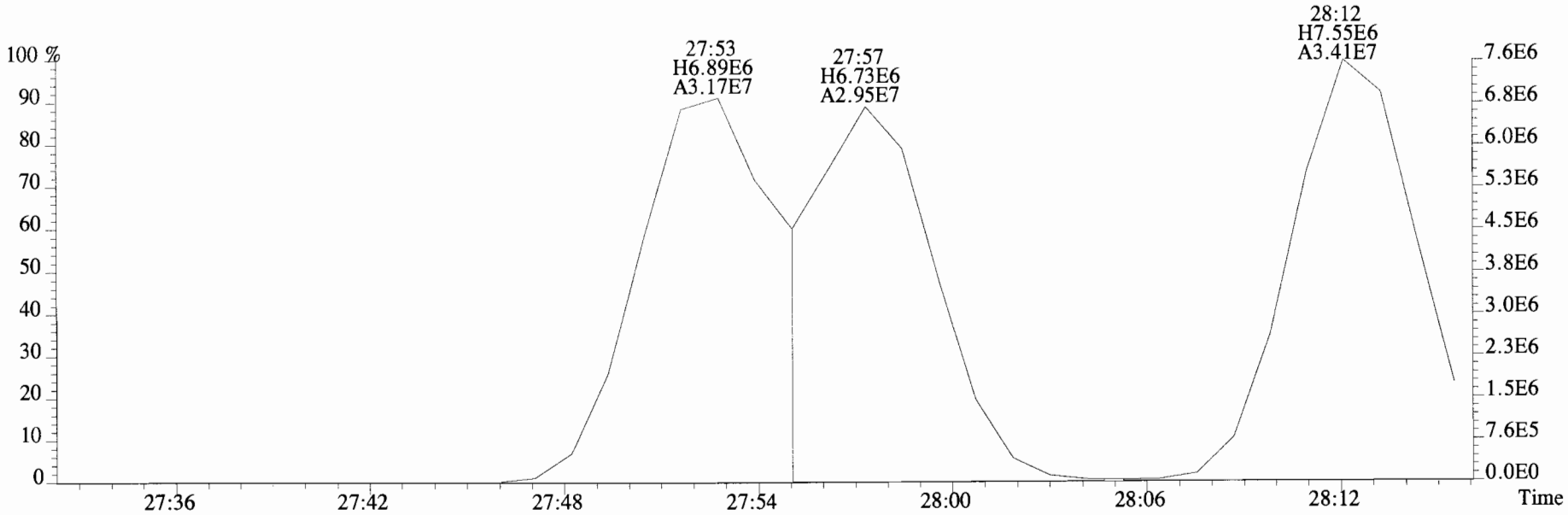
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69516.0,0.00%,F,F)



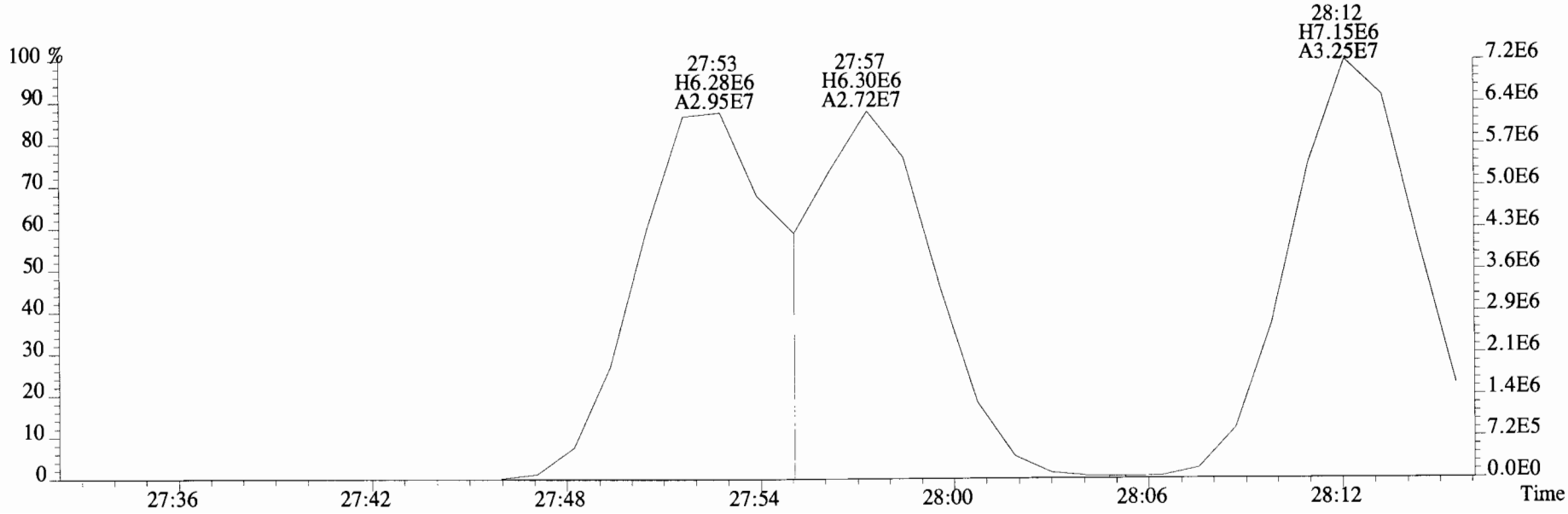
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35460.0,0.00%,F,F)



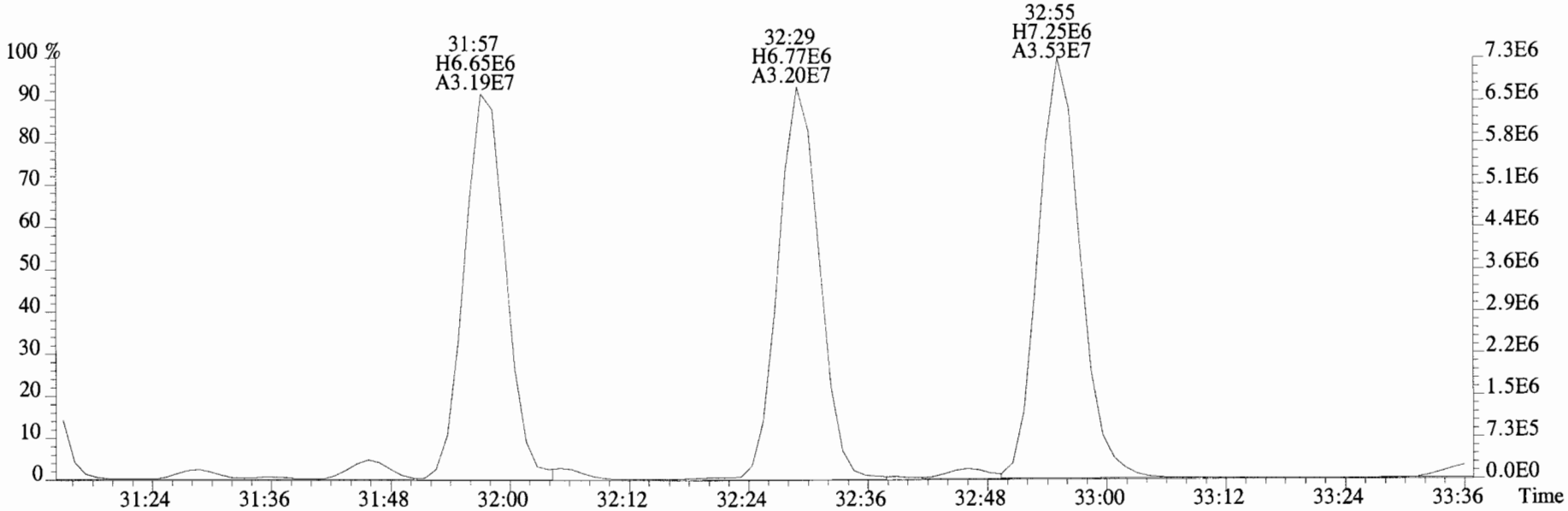
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10664.0,0.00%,F,F)



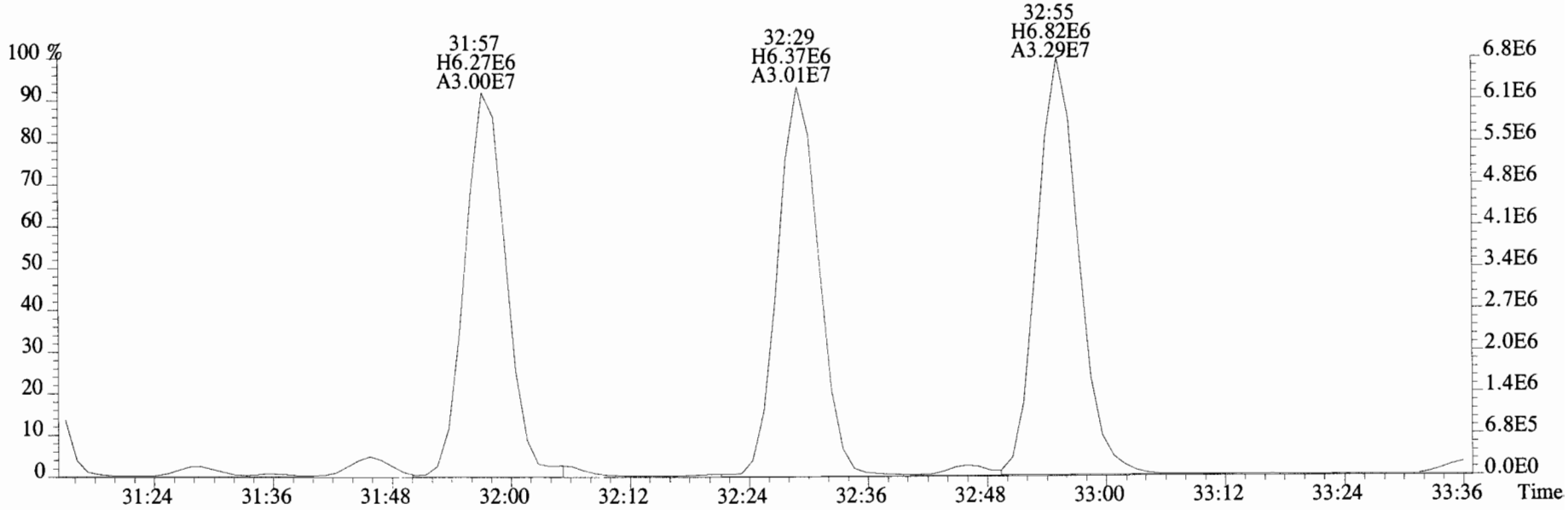
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10204.0,0.00%,F,F)



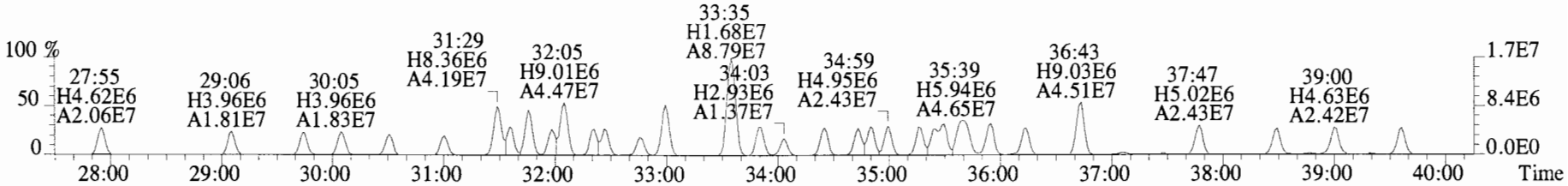
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10664.0,0.00%,F,F)



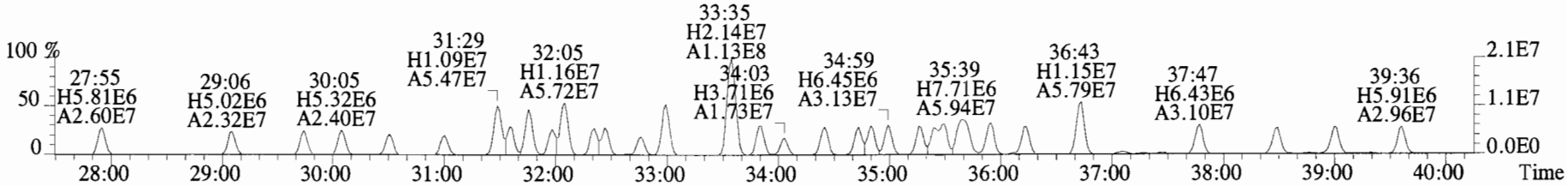
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10204.0,0.00%,F,F)



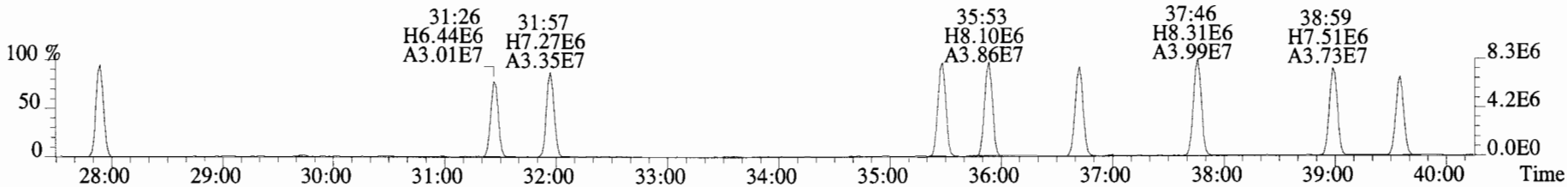
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10212.0,0.00%,F,F)



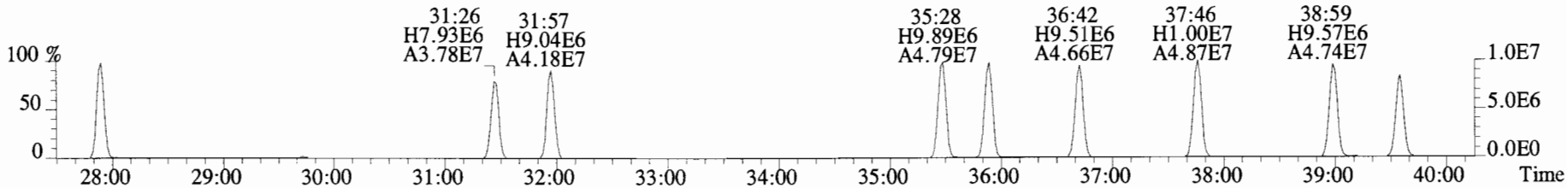
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23512.0,0.00%,F,F)



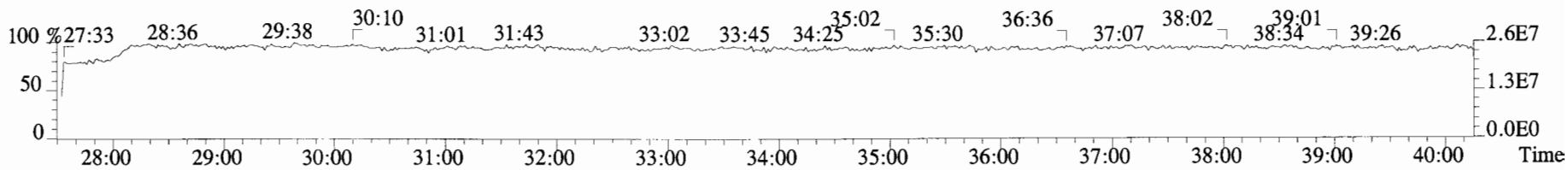
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28472.0,0.00%,F,F)



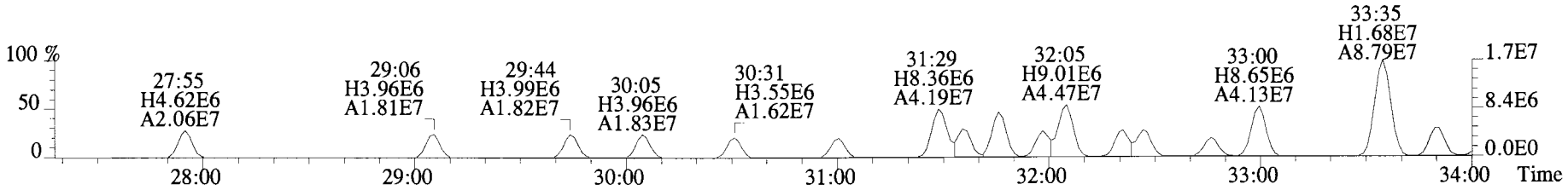
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16180.0,0.00%,F,F)



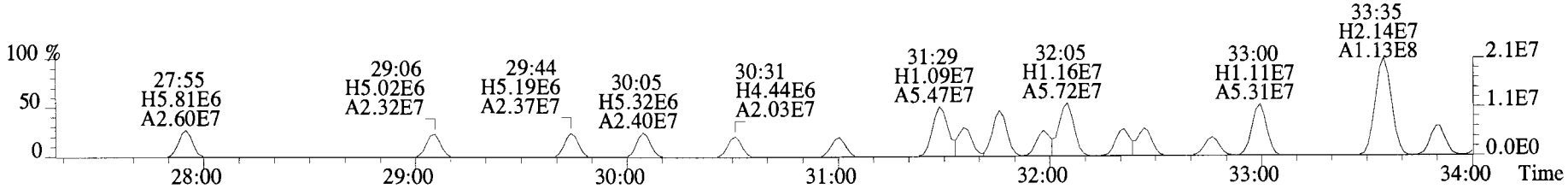
330.9792 F:3



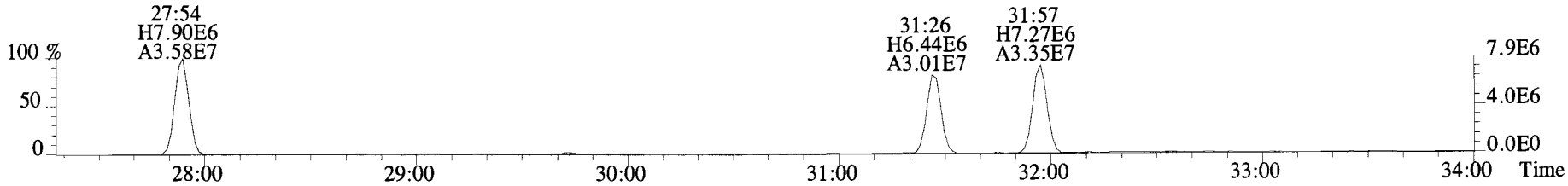
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10212.0,0.00%,F,F)



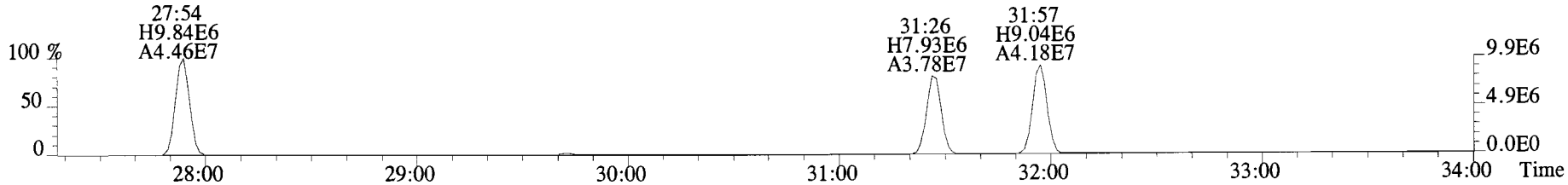
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23512.0,0.00%,F,F)



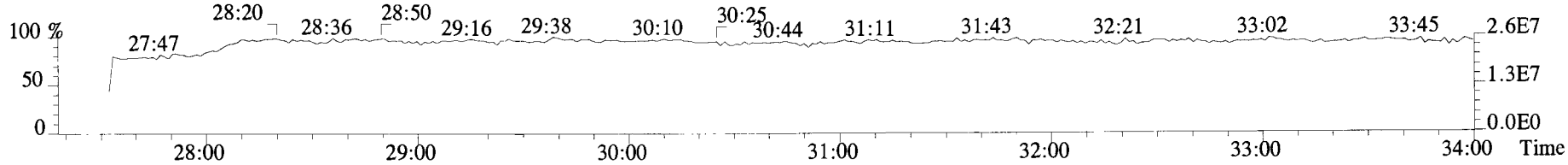
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28472.0,0.00%,F,F)



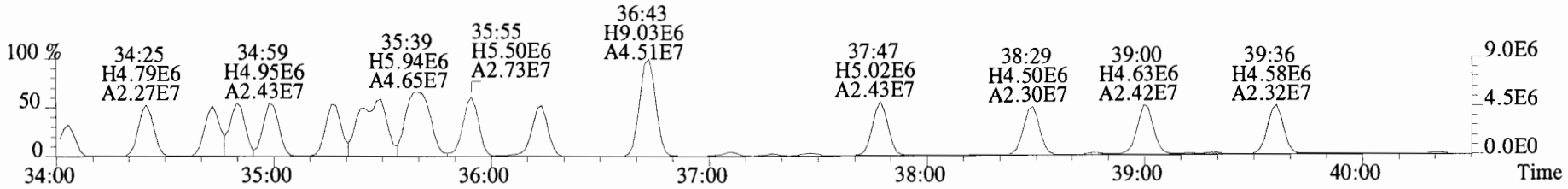
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16180.0,0.00%,F,F)



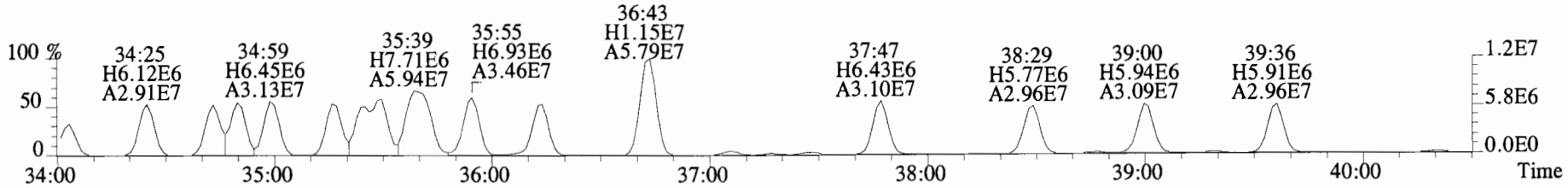
330.9792 F:3



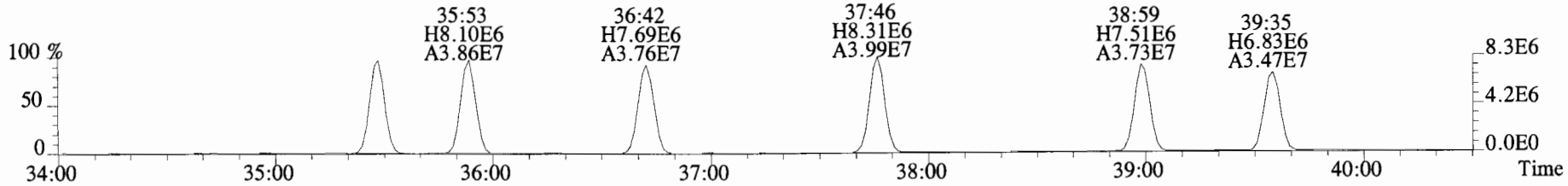
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10212.0,0.00%,F,F)



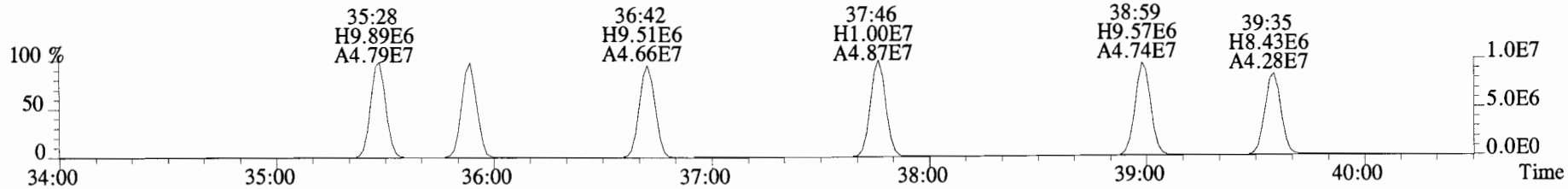
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23512.0,0.00%,F,F)



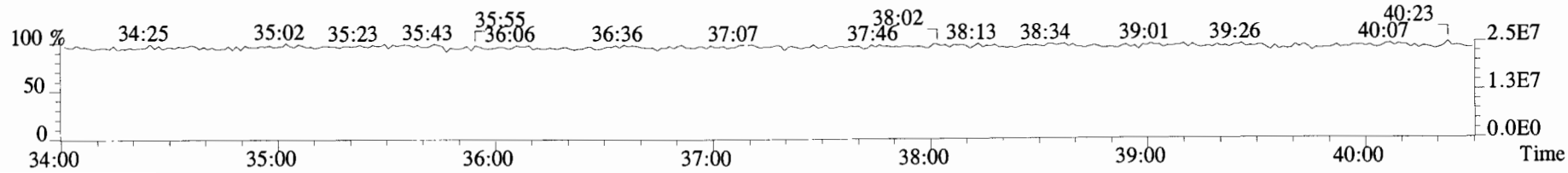
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28472.0,0.00%,F,F)



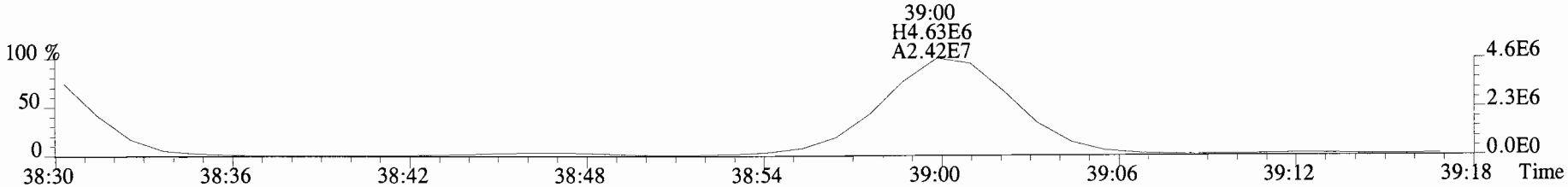
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16180.0,0.00%,F,F)



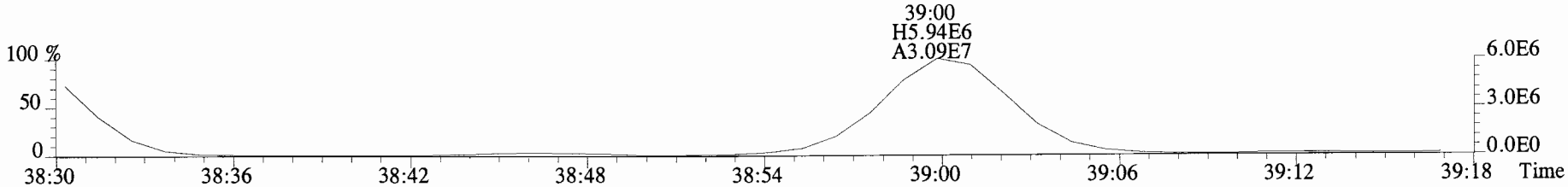
330.9792 F:3



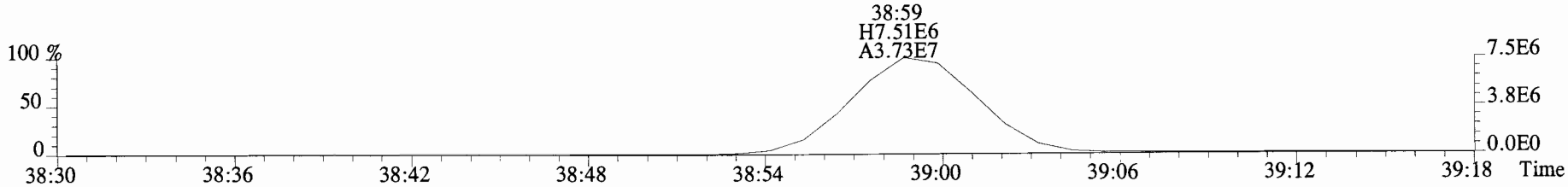
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10212.0,0.00%,F,F)



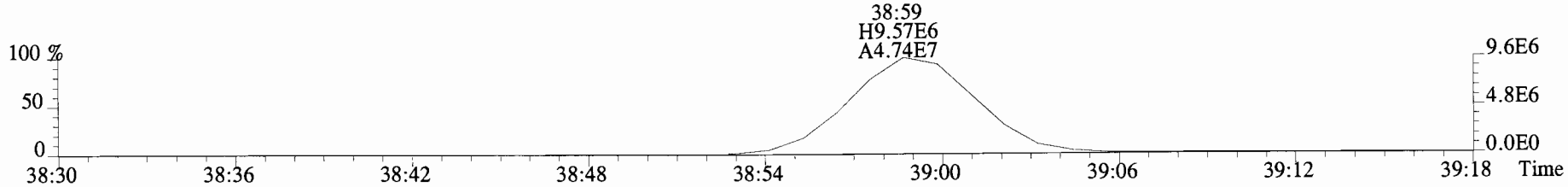
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23512.0,0.00%,F,F)



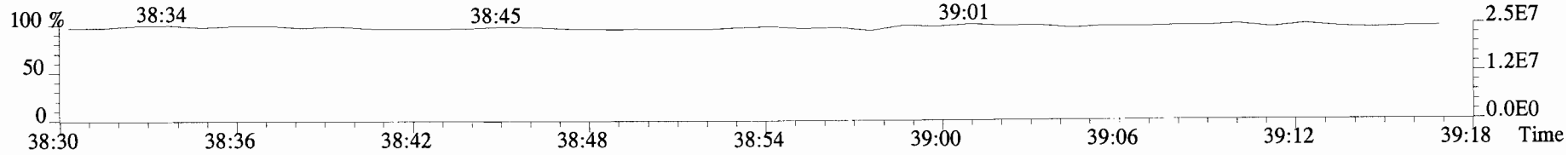
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28472.0,0.00%,F,F)



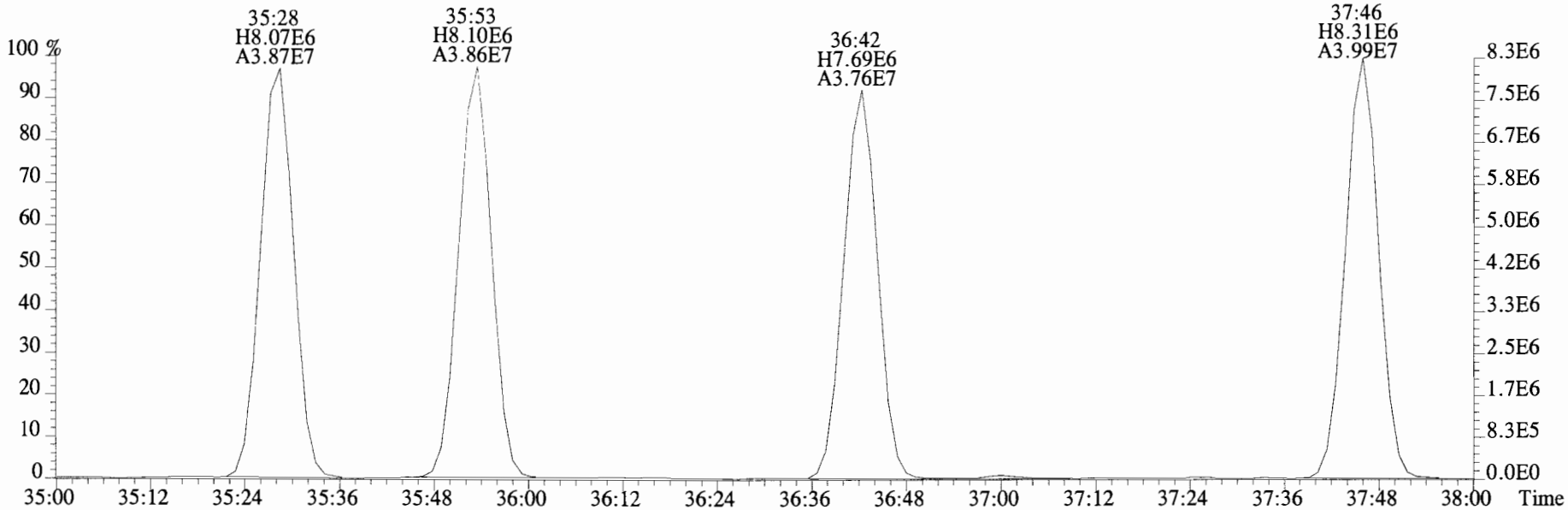
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16180.0,0.00%,F,F)



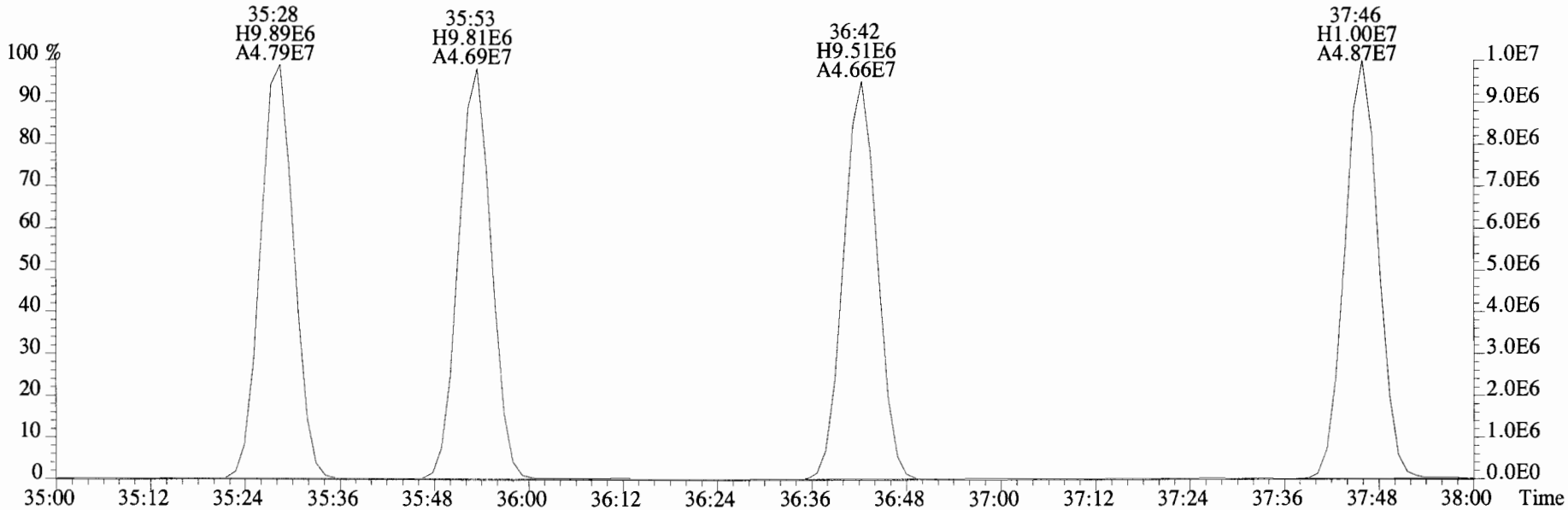
330.9792 F:3



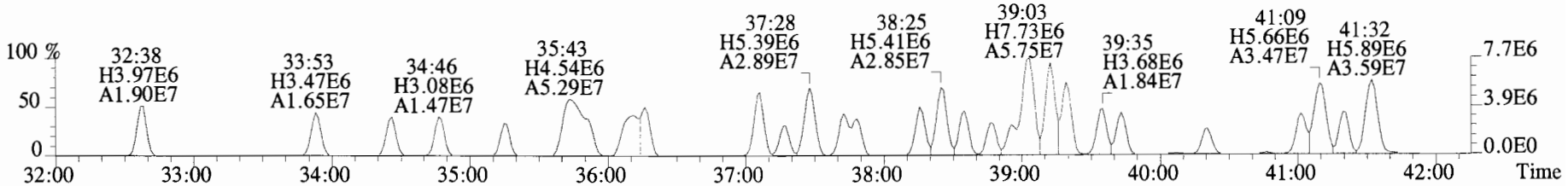
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28472.0,0.00%,F,F)



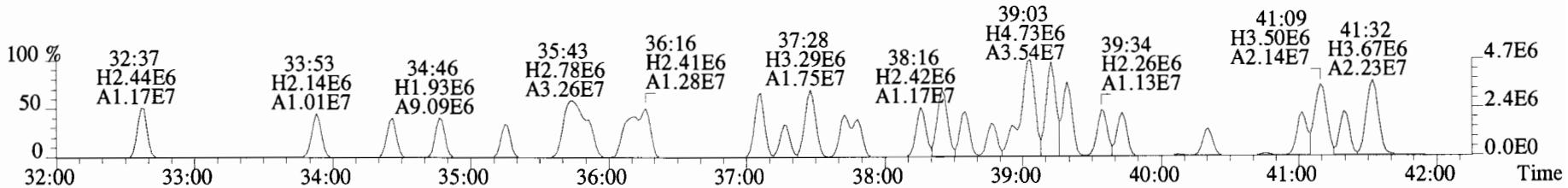
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16180.0,0.00%,F,F)



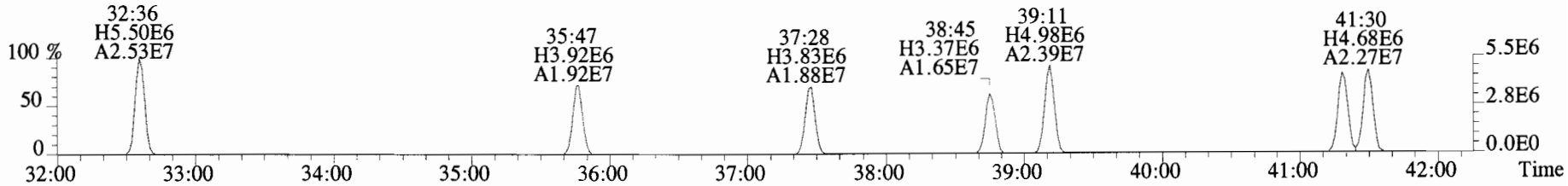
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



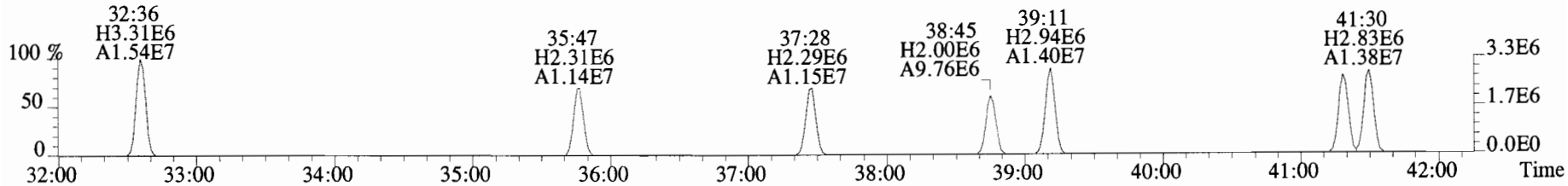
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



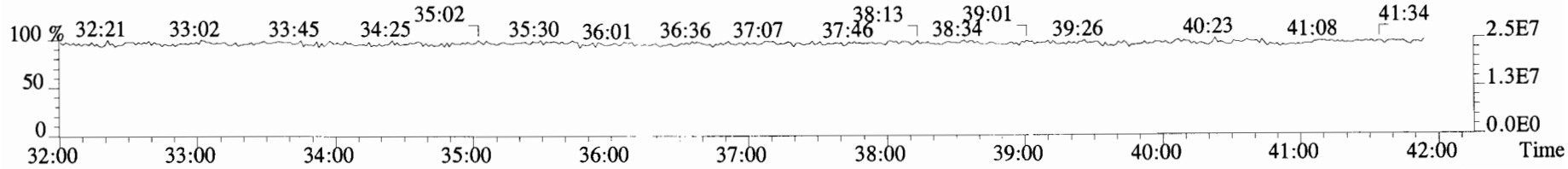
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3468.0,0.00%,F,F)



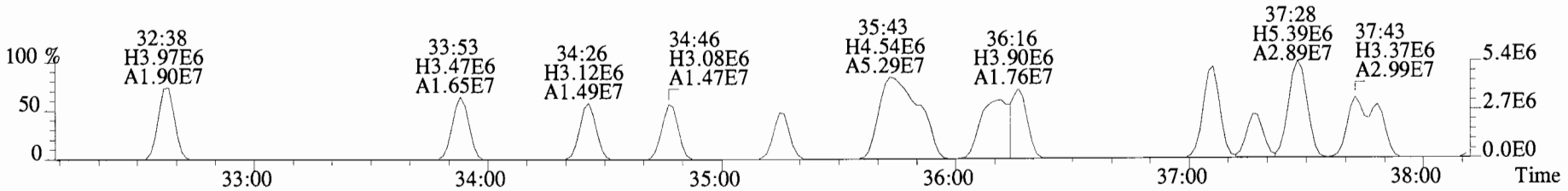
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2960.0,0.00%,F,F)



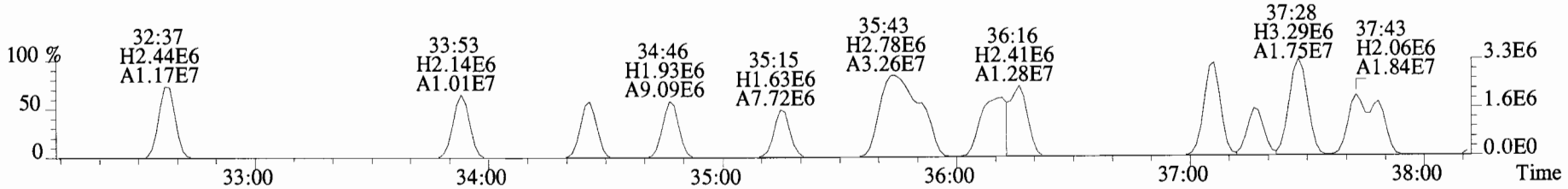
330.9792 F:3



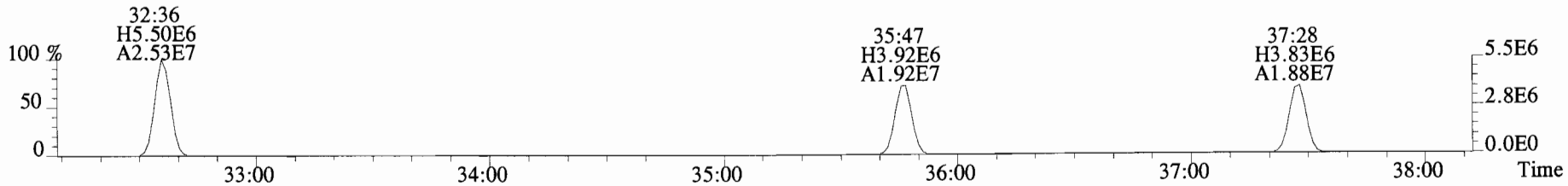
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



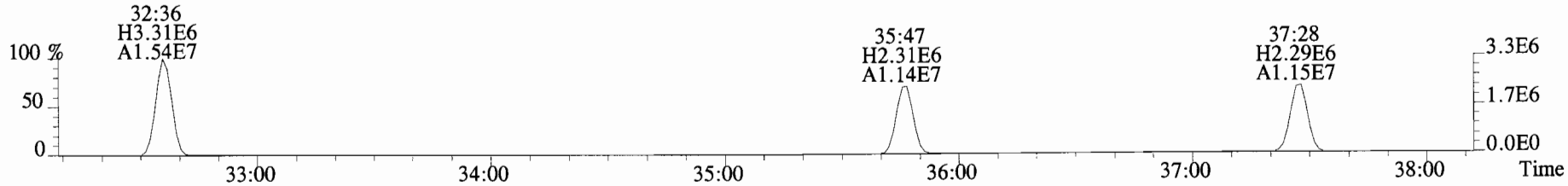
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



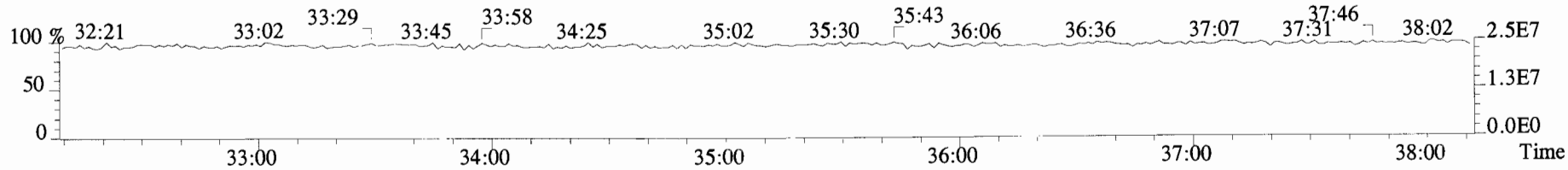
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3468.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2960.0,0.00%,F,F)

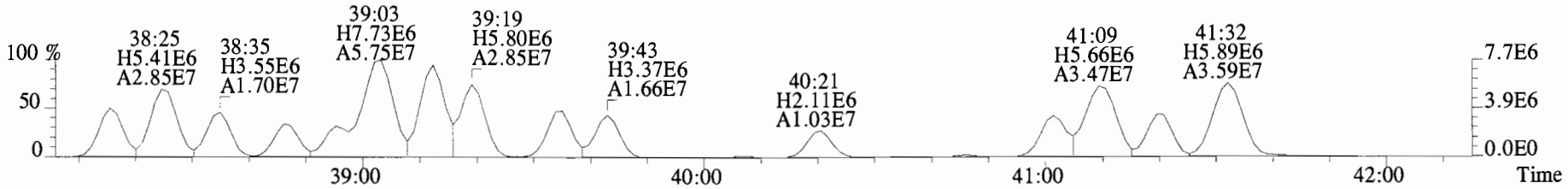


330.9792 F:3

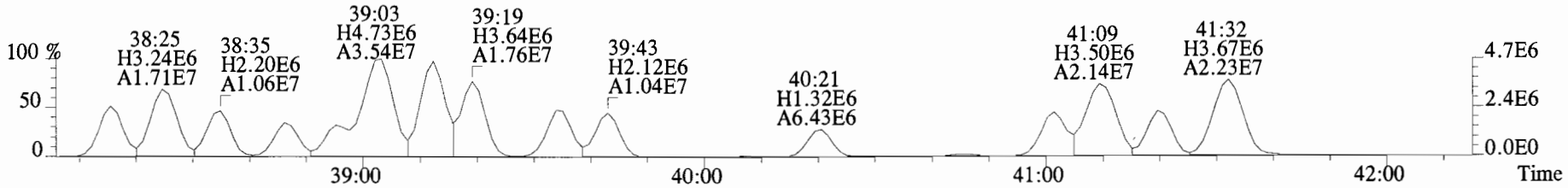


File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1

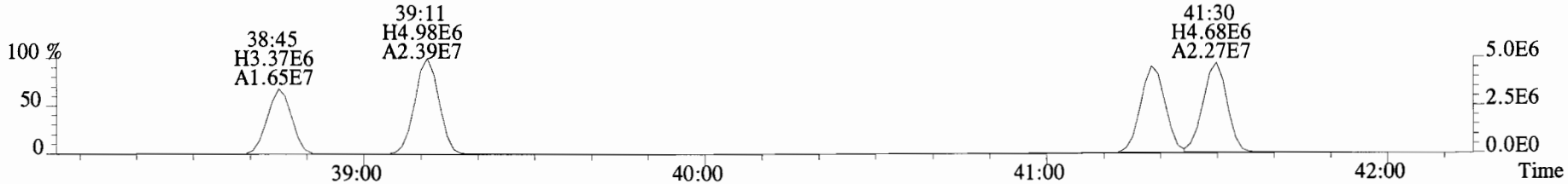
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



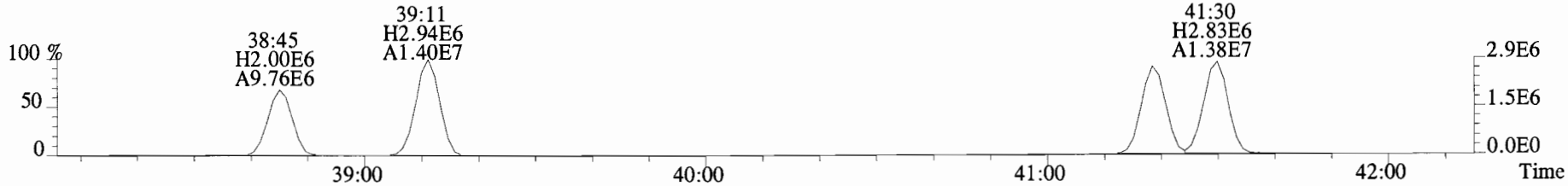
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



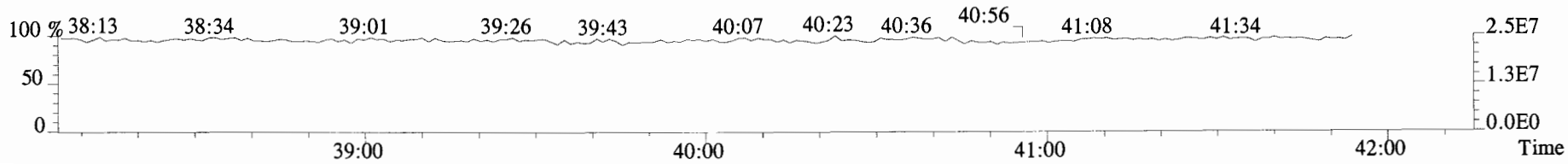
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3468.0,0.00%,F,F)



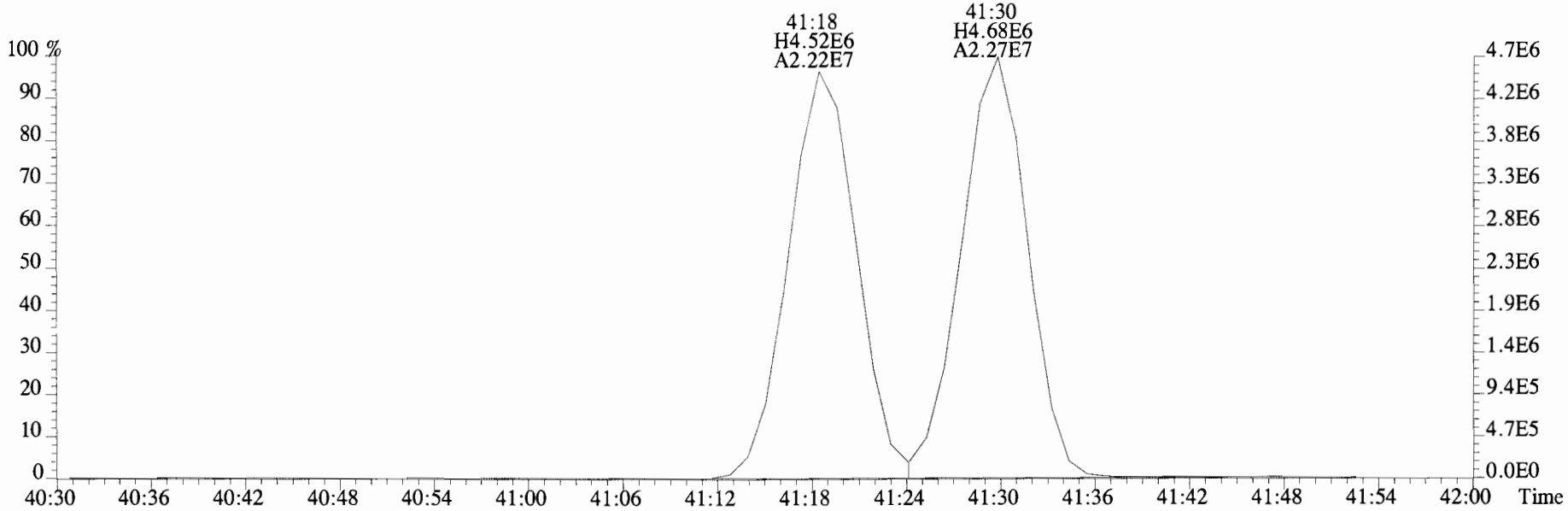
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2960.0,0.00%,F,F)



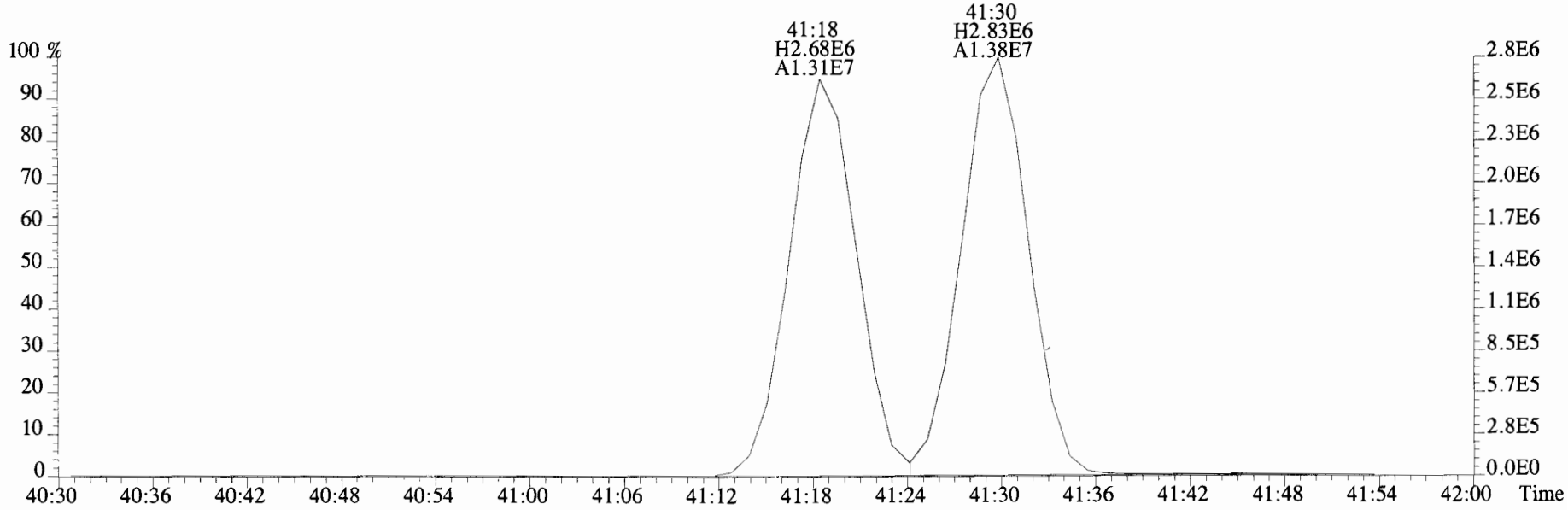
330.9792 F:3



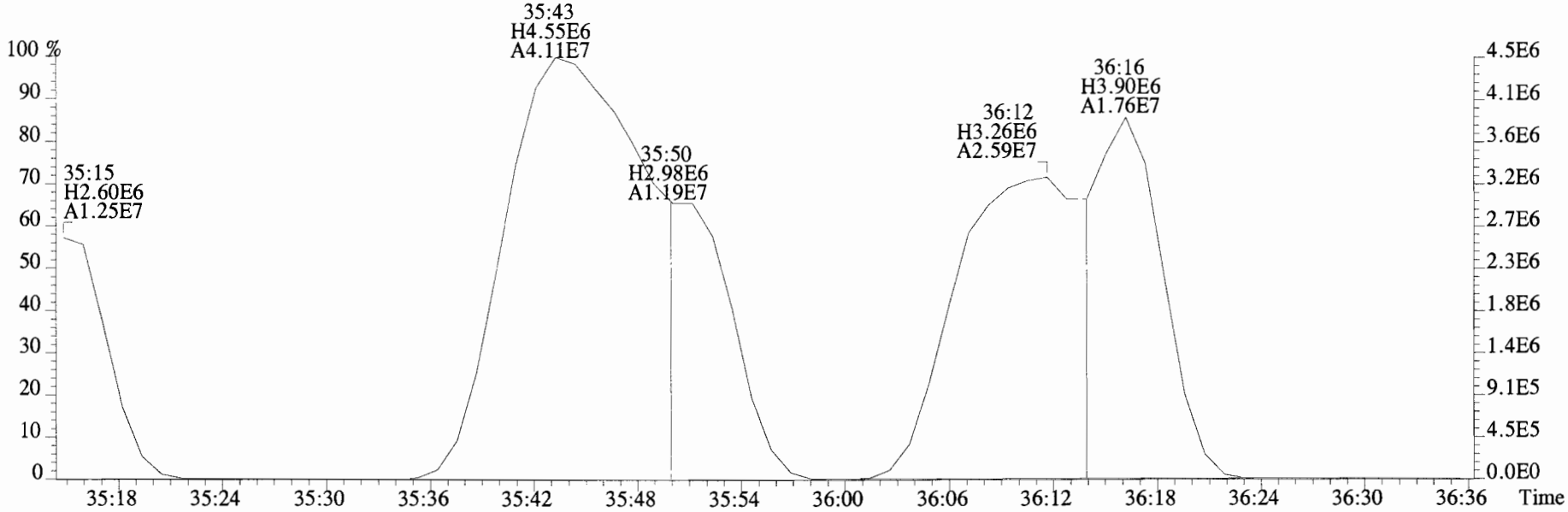
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3468.0,0.00%,F,F)



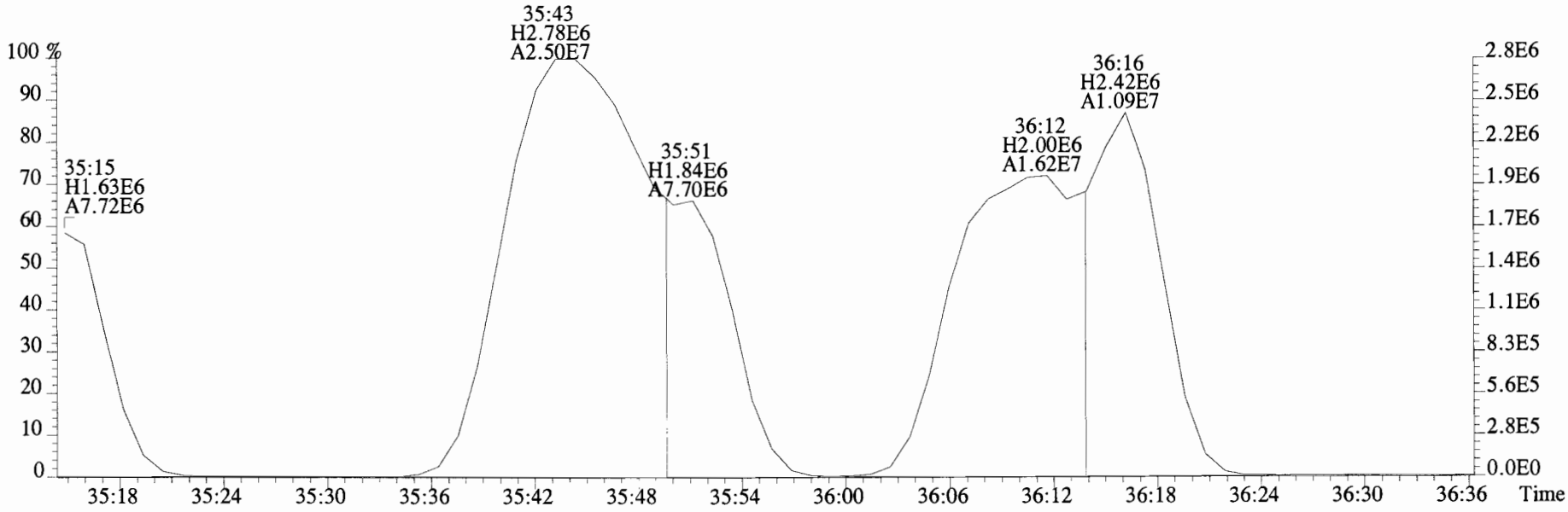
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2960.0,0.00%,F,F)



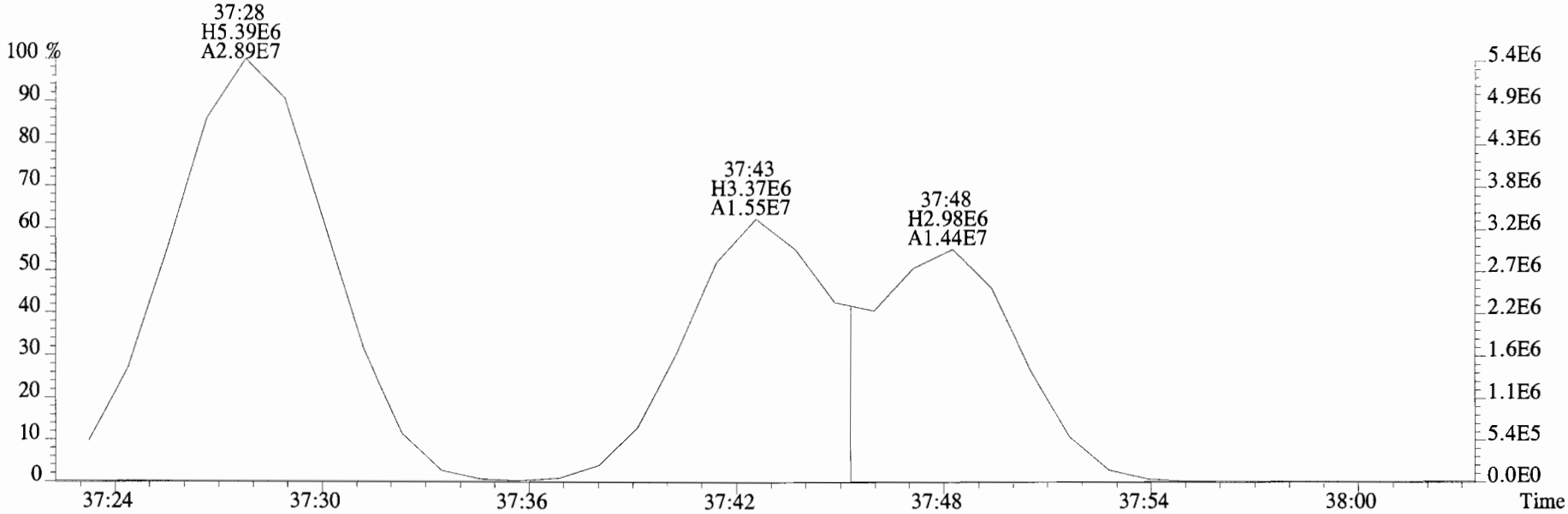
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



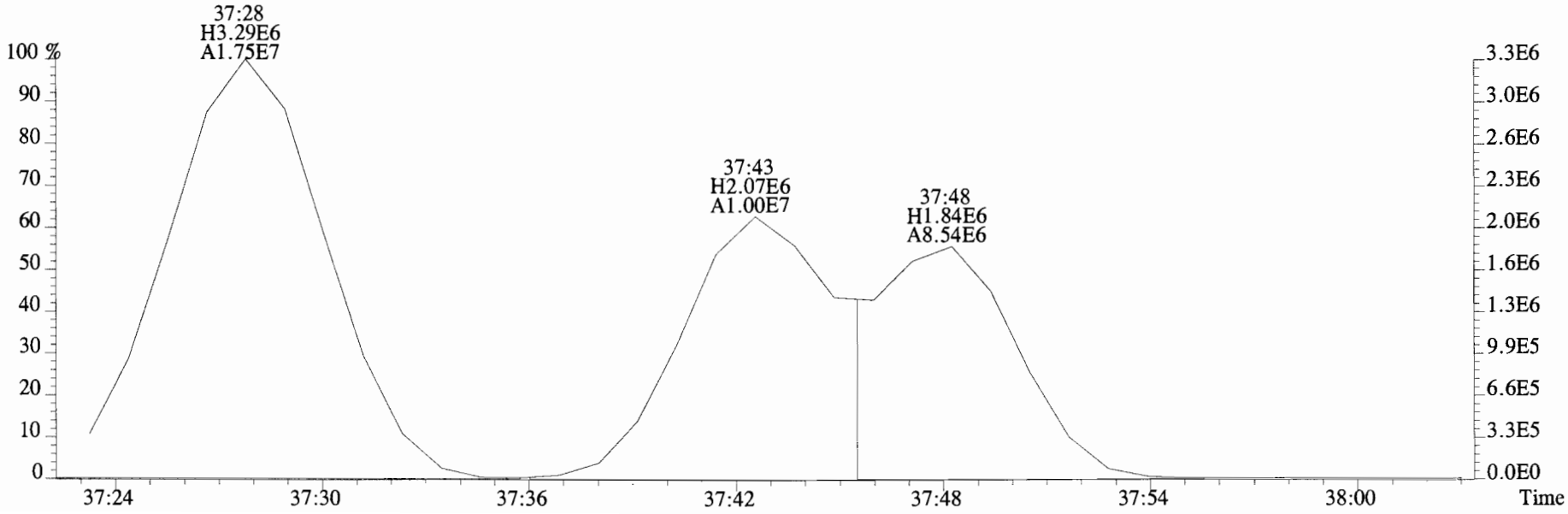
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



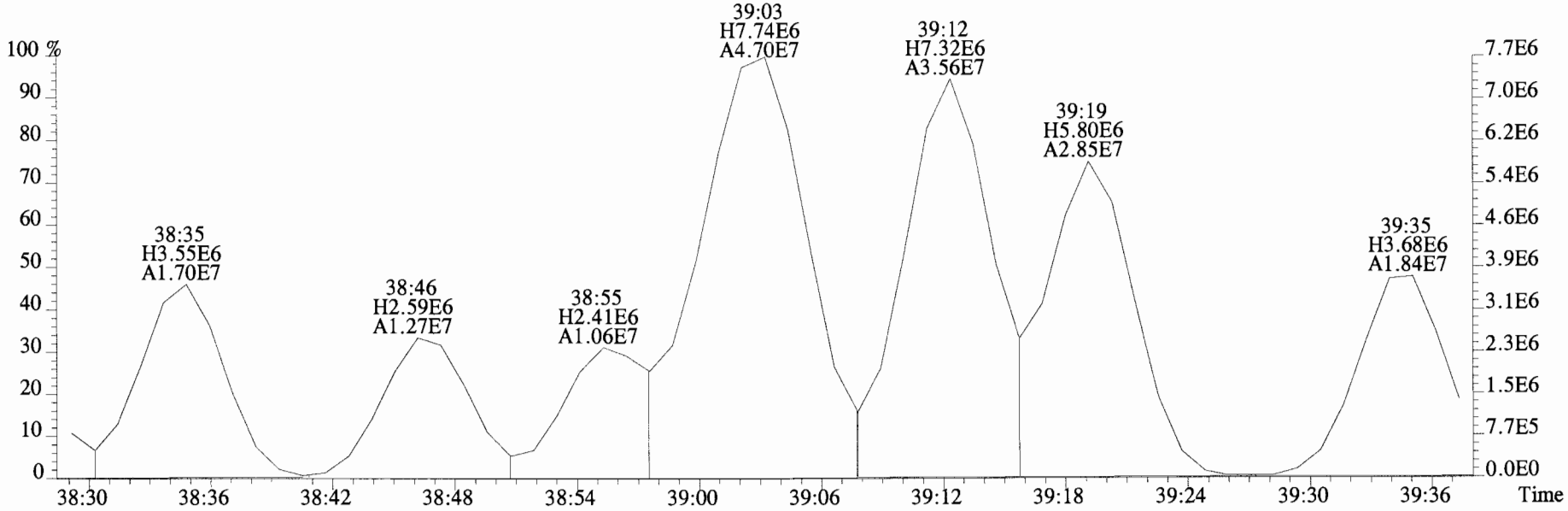
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



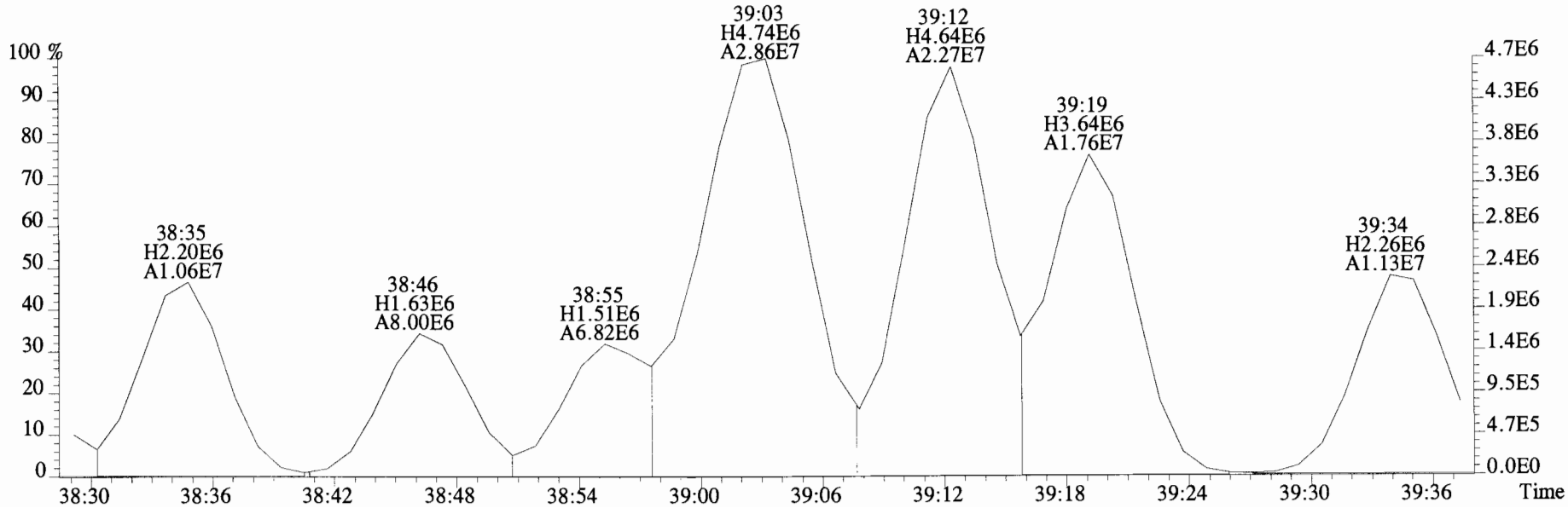
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



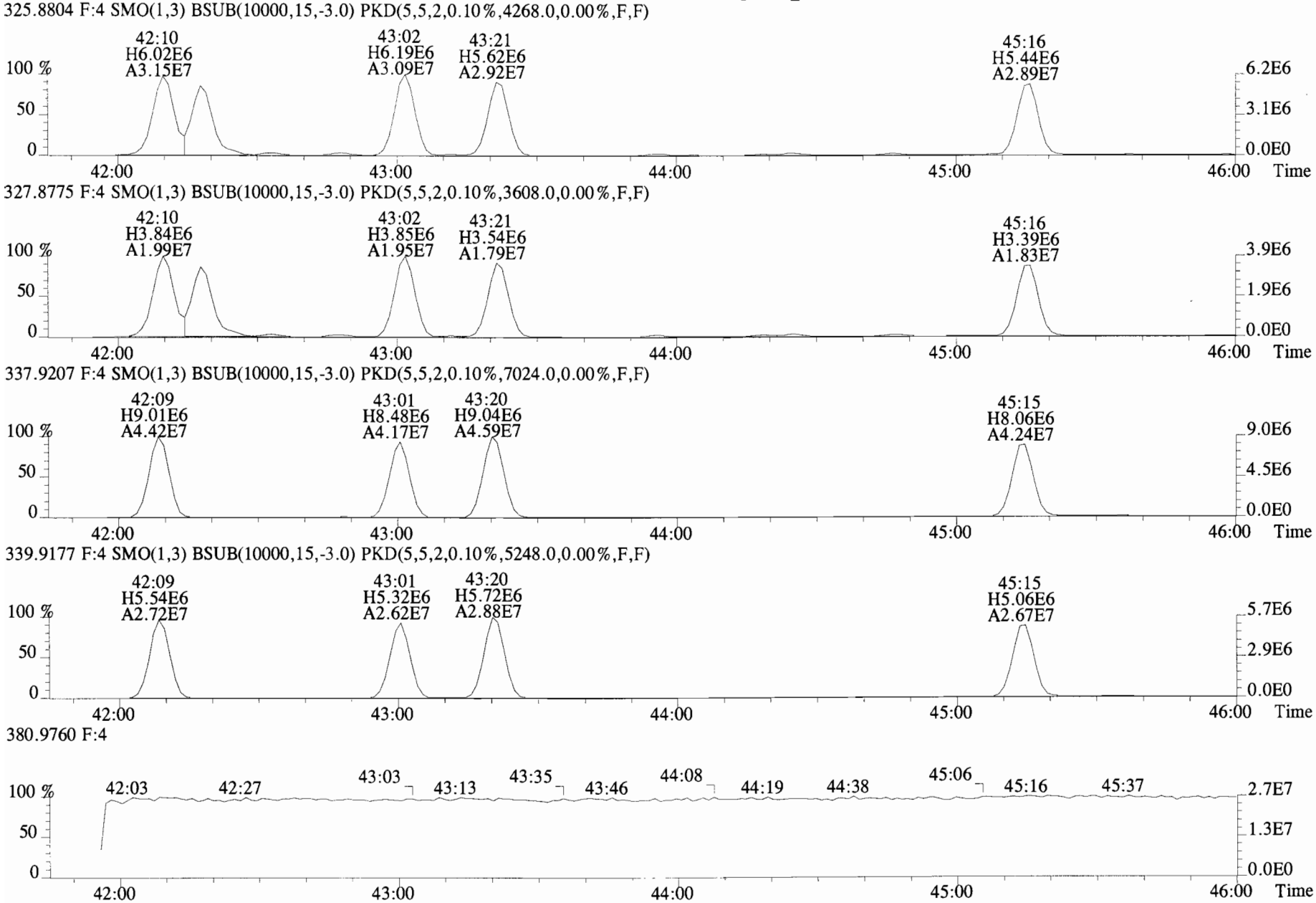
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



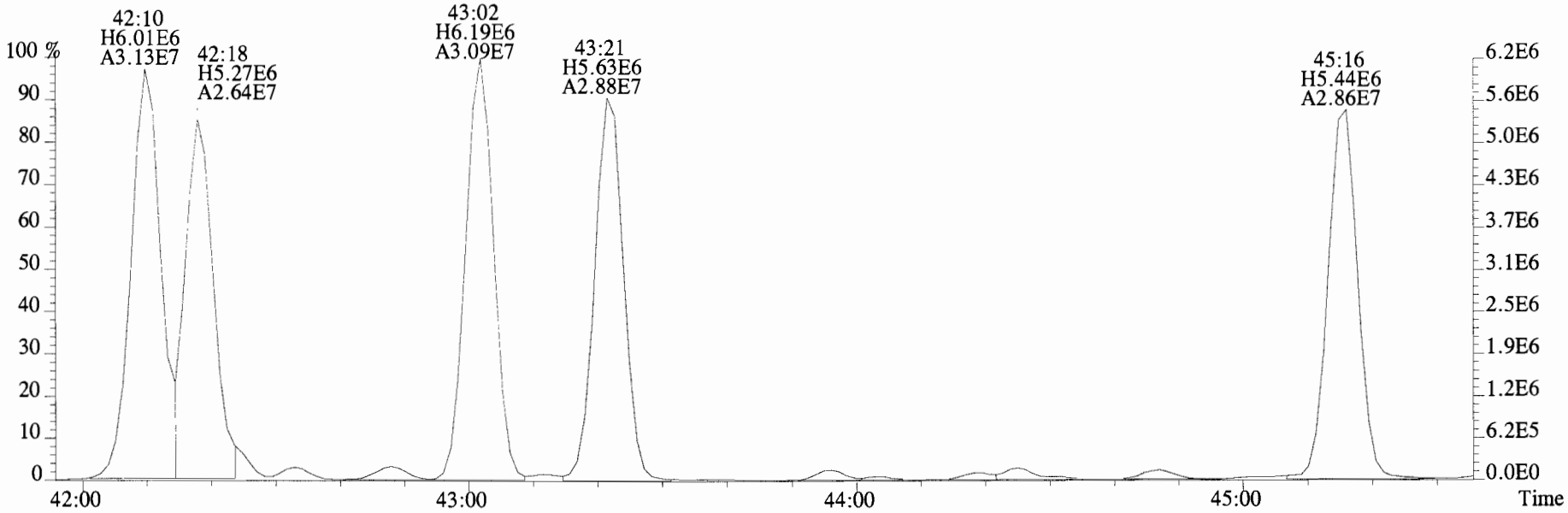
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



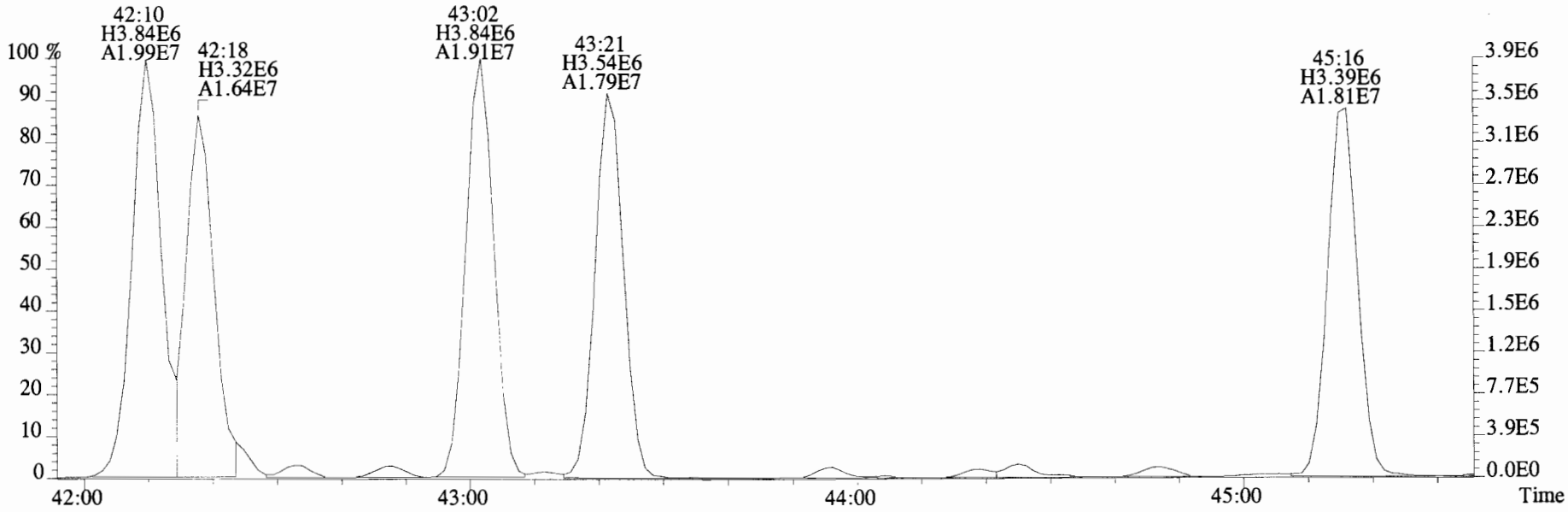
File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1



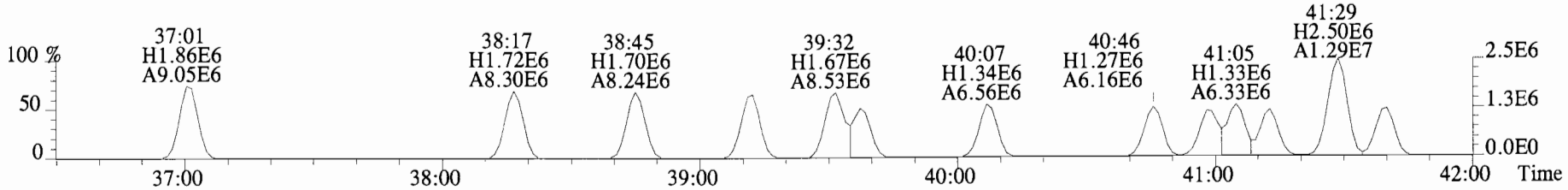
File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4268.0,0.00%,F,F)



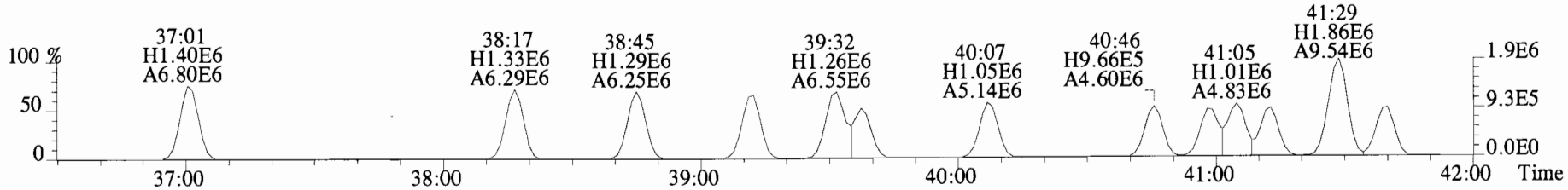
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)



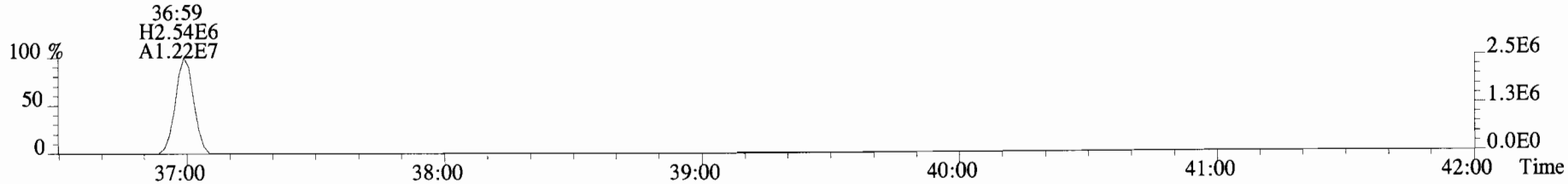
File:171108E2 #1-759 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2252.0,0.00%,F,F)



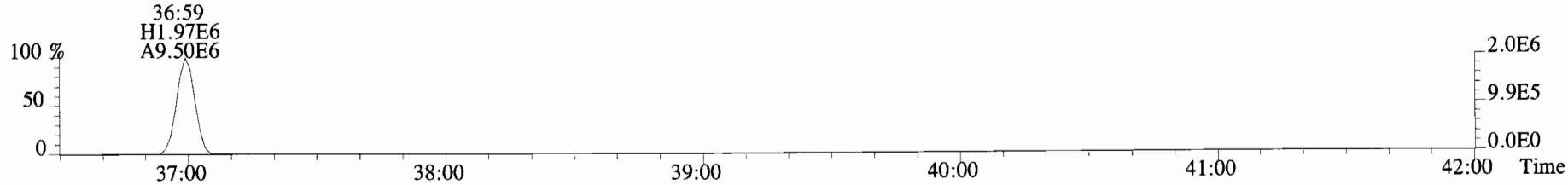
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2336.0,0.00%,F,F)



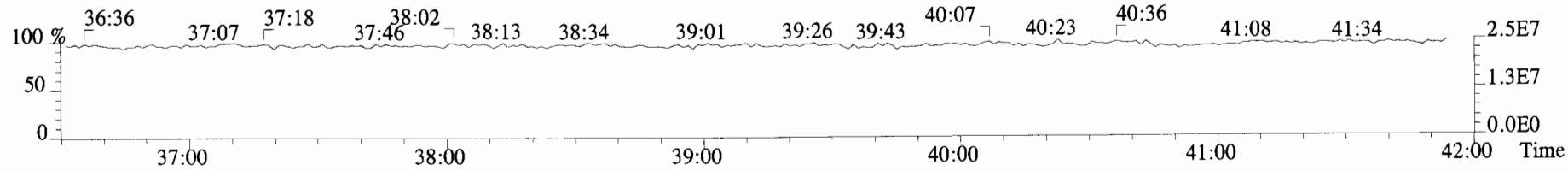
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2396.0,0.00%,F,F)



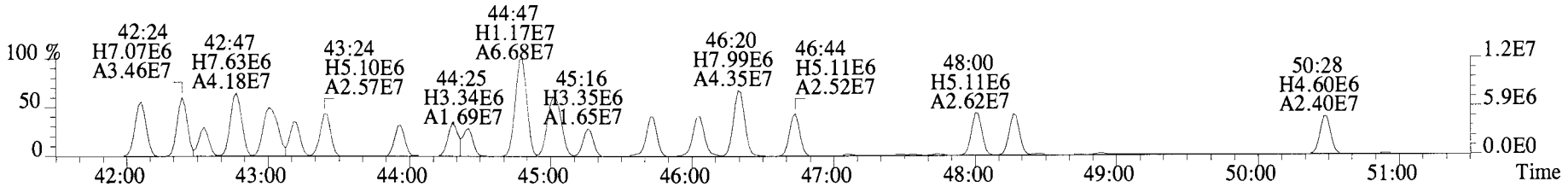
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2464.0,0.00%,F,F)



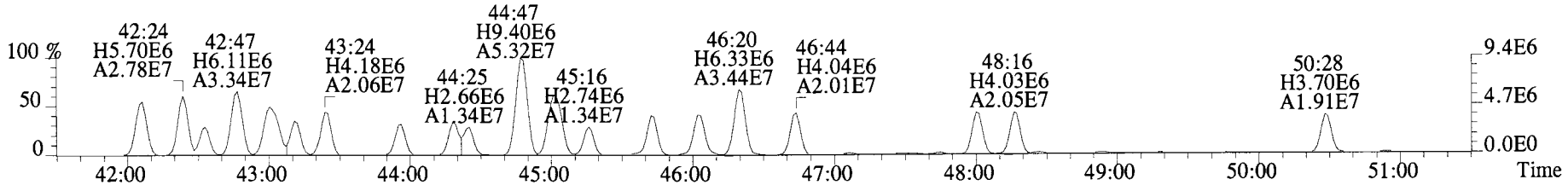
330.9792 F:3



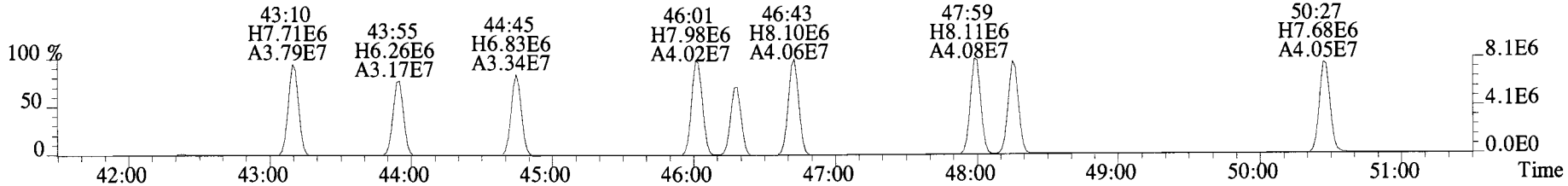
File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6516.0,0.00%,F,F)



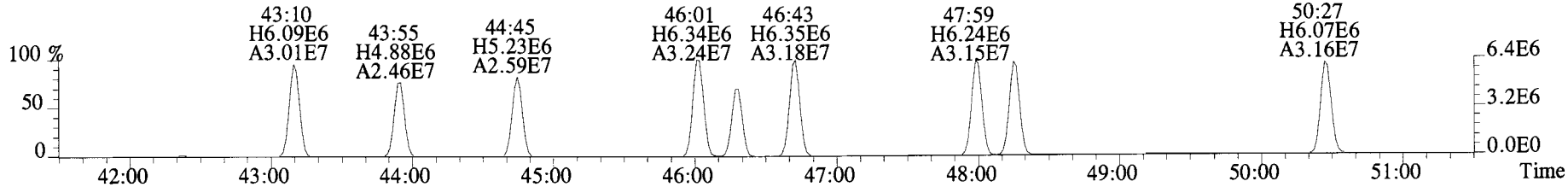
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12308.0,0.00%,F,F)



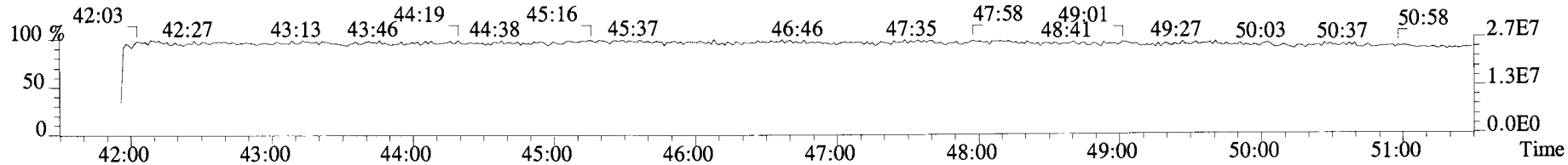
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7356.0,0.00%,F,F)



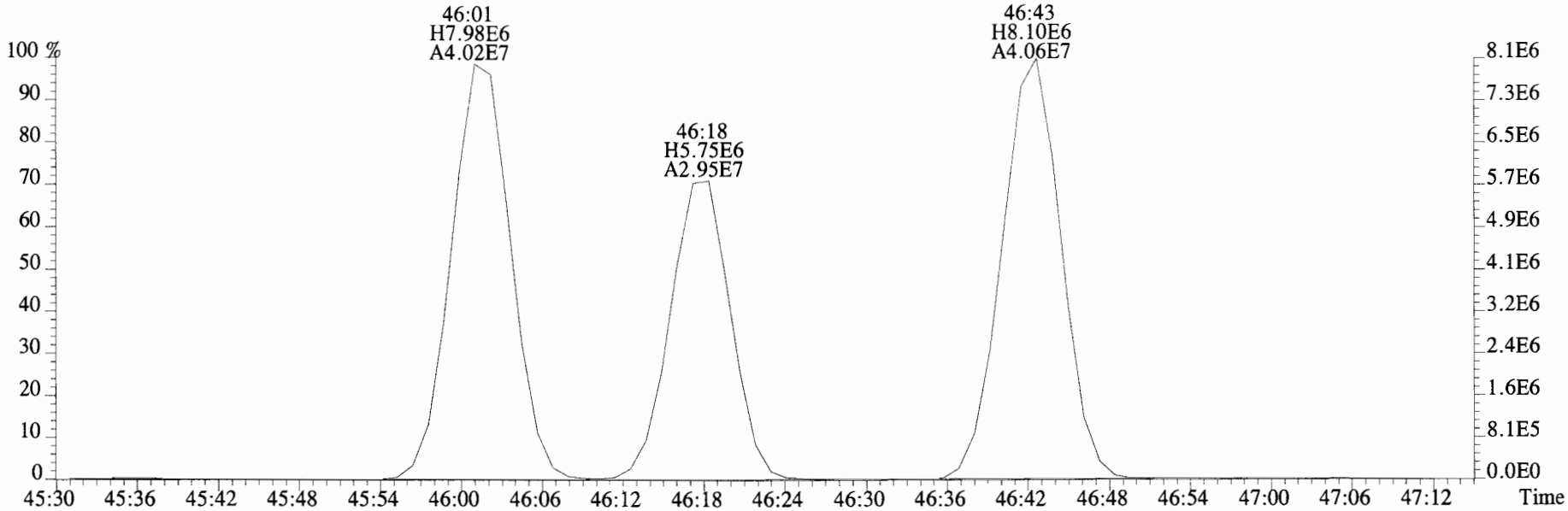
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5784.0,0.00%,F,F)



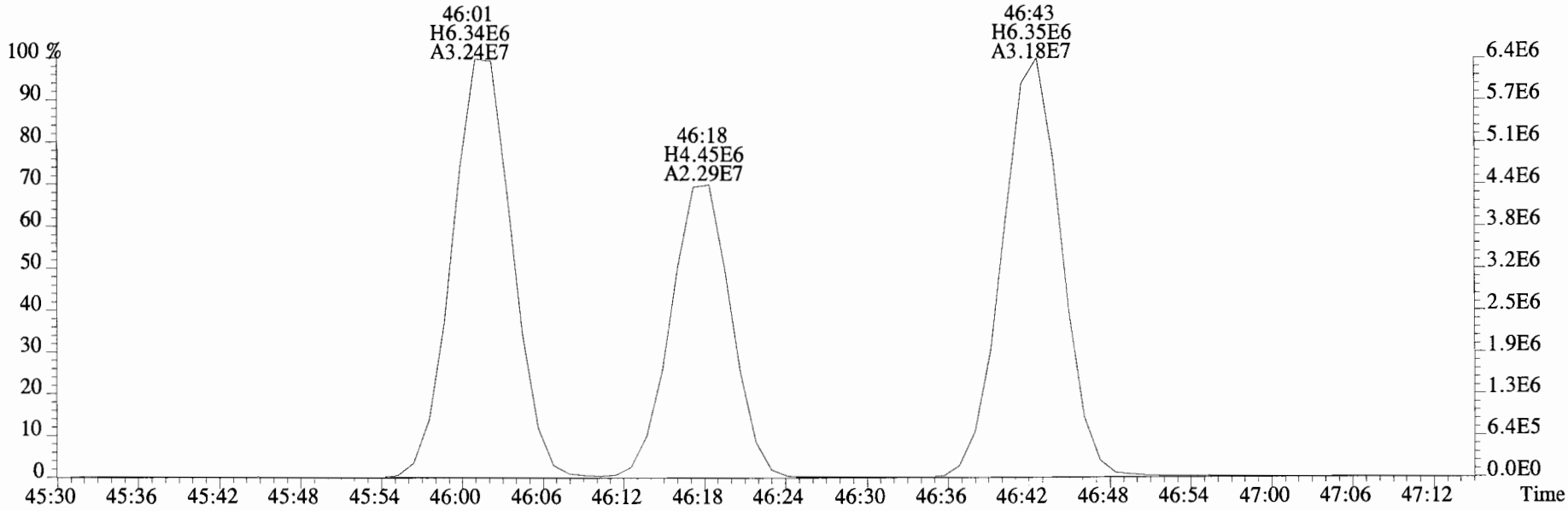
380.9760 F:4



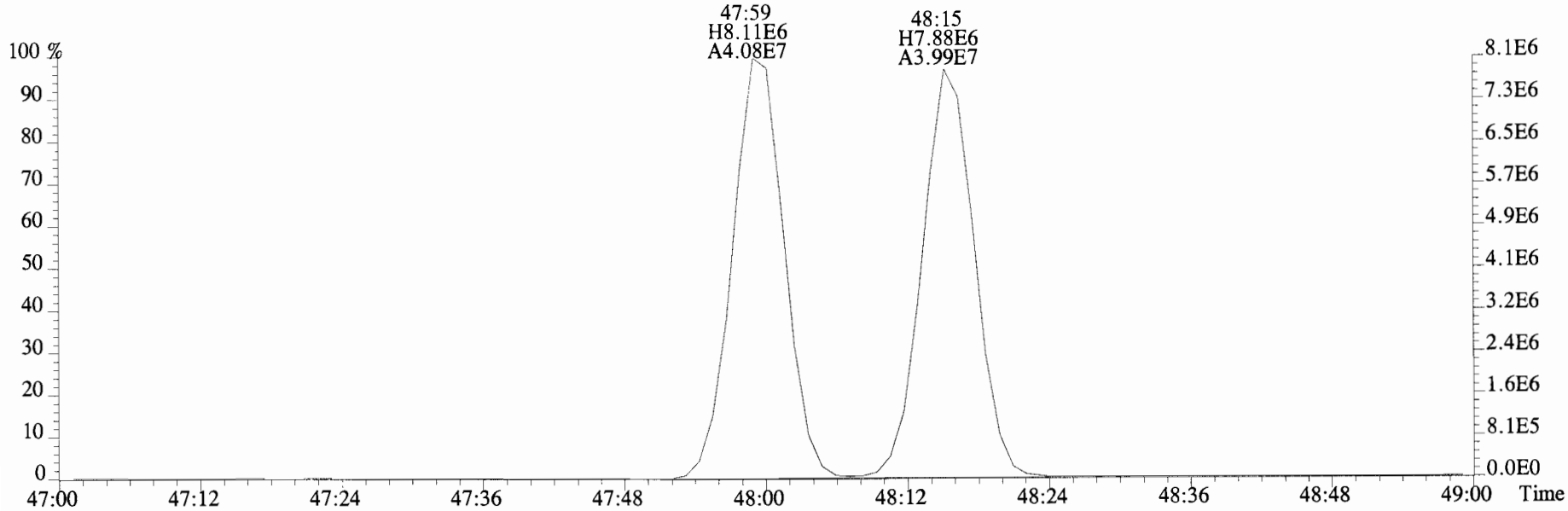
File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7356.0,0.00%,F,F)



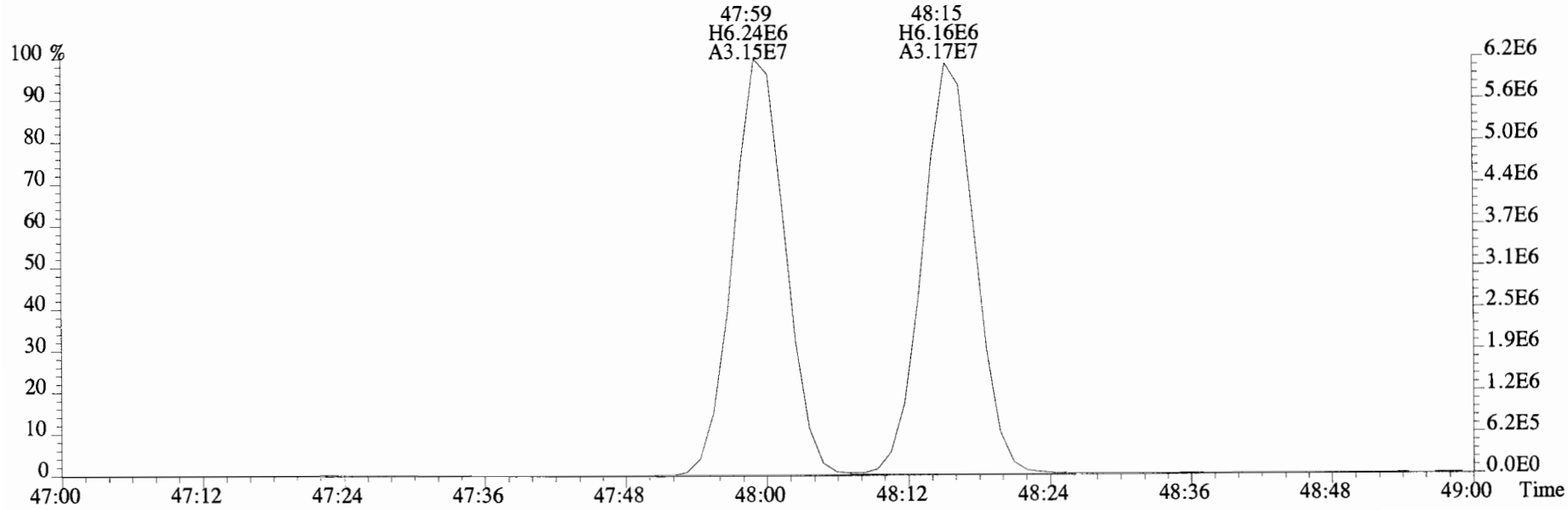
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5784.0,0.00%,F,F)



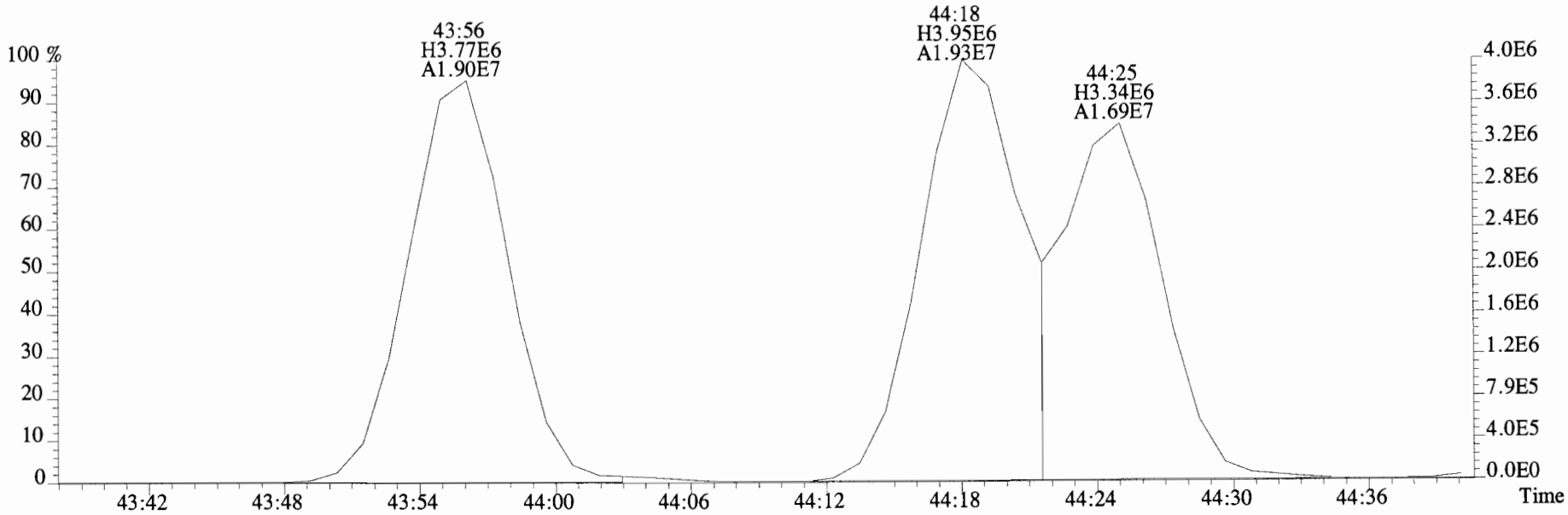
File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7356.0,0.00%,F,F)



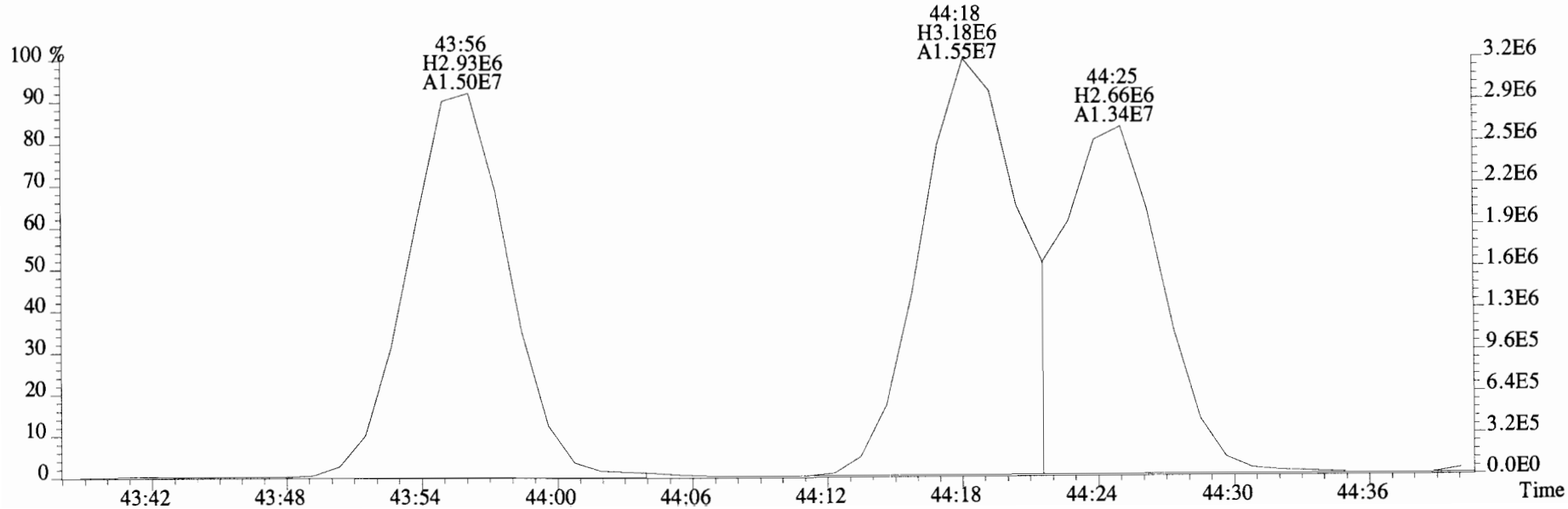
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5784.0,0.00%,F,F)



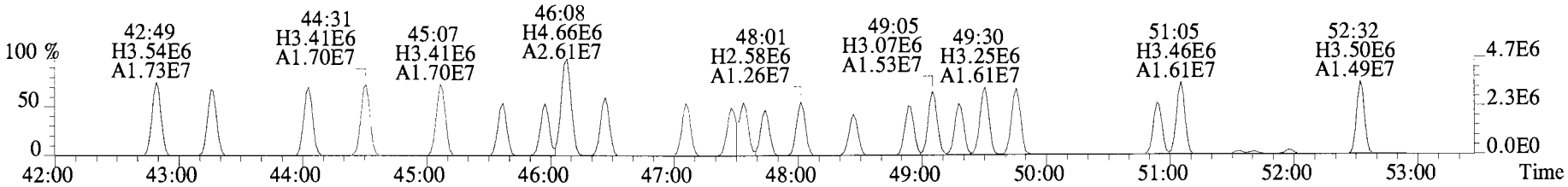
File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6516.0,0.00%,F,F)



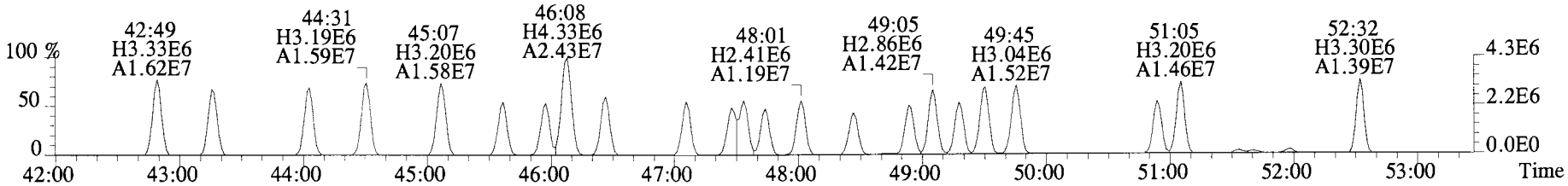
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12308.0,0.00%,F,F)



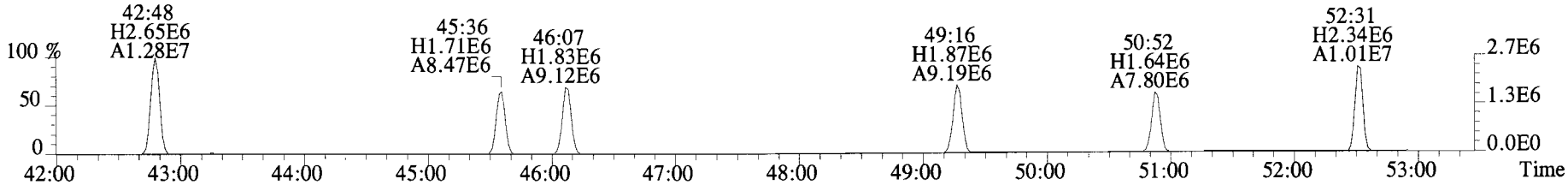
File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4320.0,0.00%,F,F)



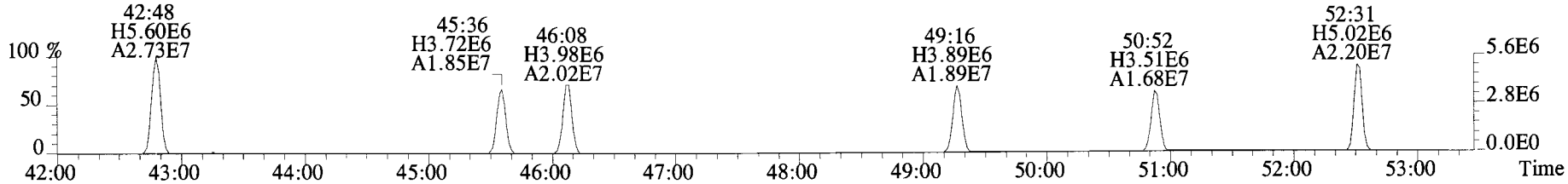
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5352.0,0.00%,F,F)



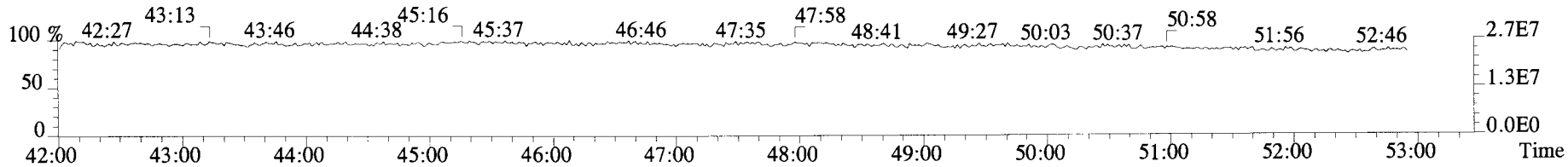
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3484.0,0.00%,F,F)



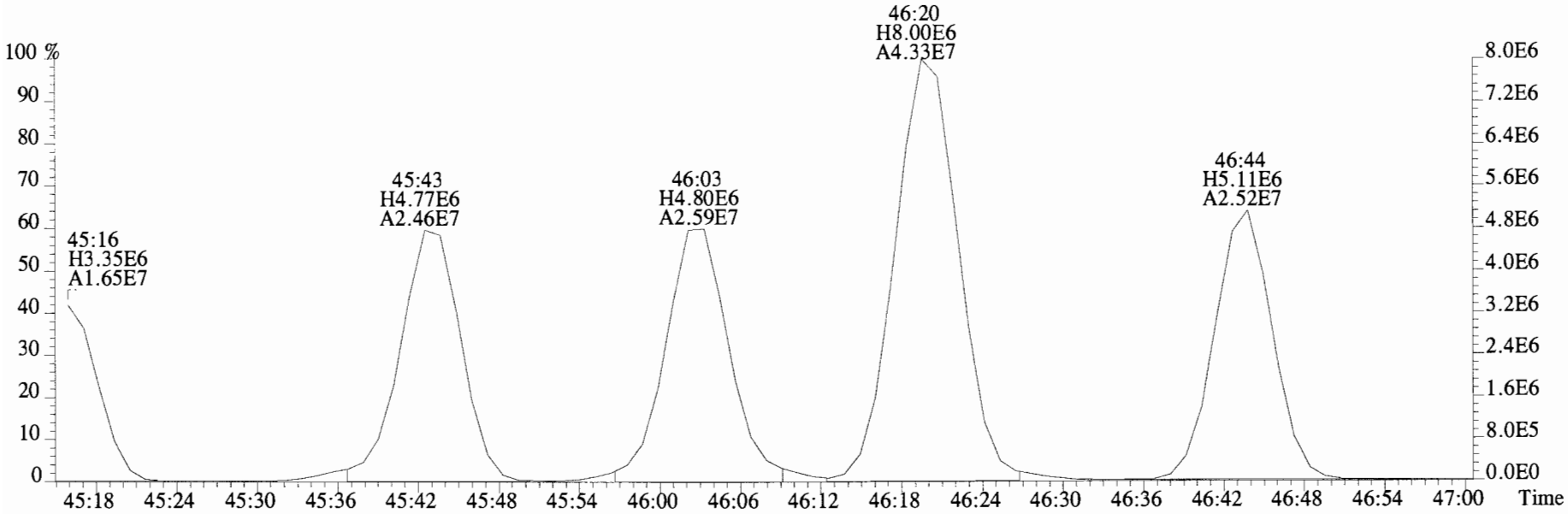
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5772.0,0.00%,F,F)



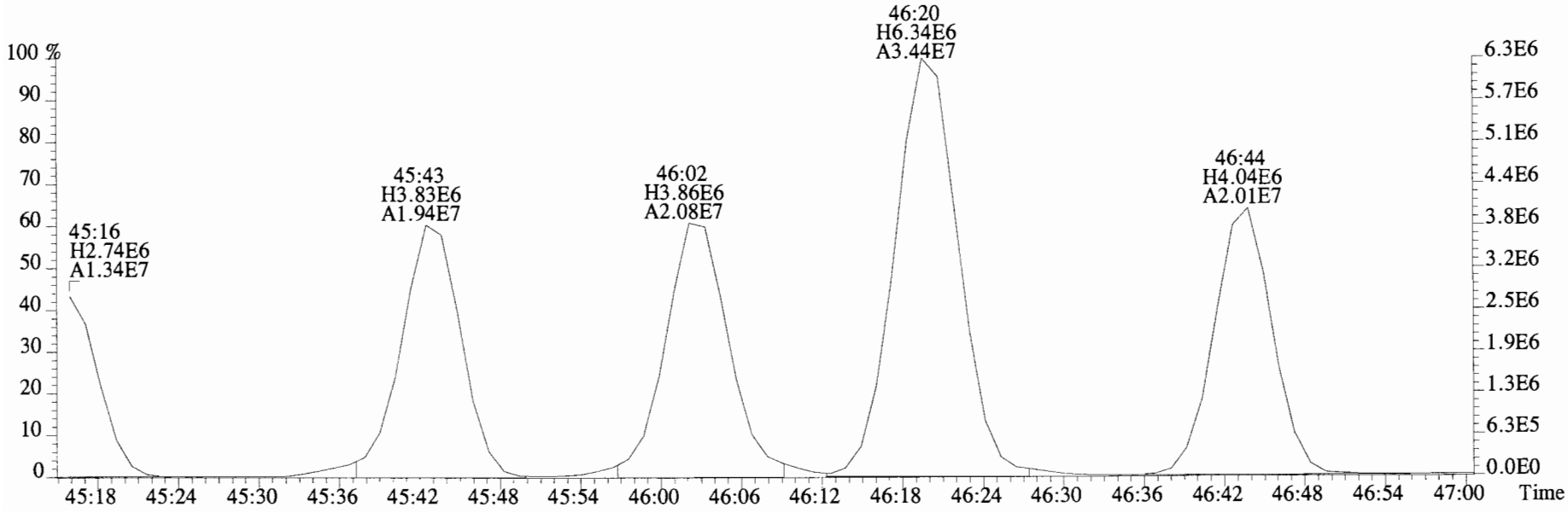
380.9760 F:4



File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6516.0,0.00%,F,F)

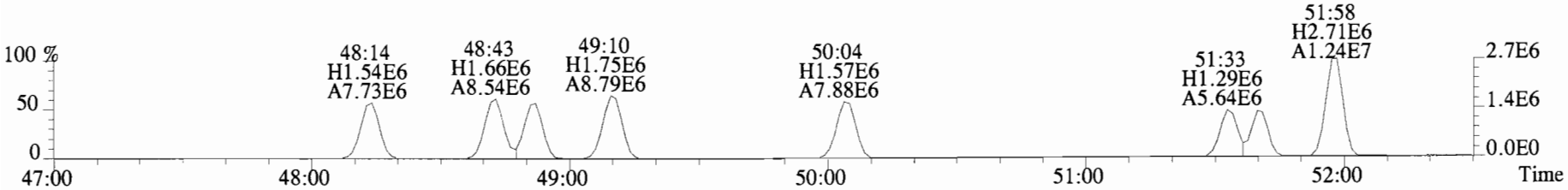


361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12308.0,0.00%,F,F)

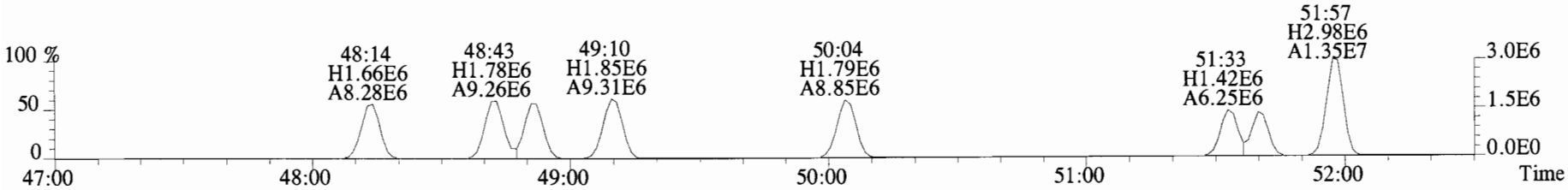


File:171108E2 #1-571 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17l0520 Exp:PCB_ZB1

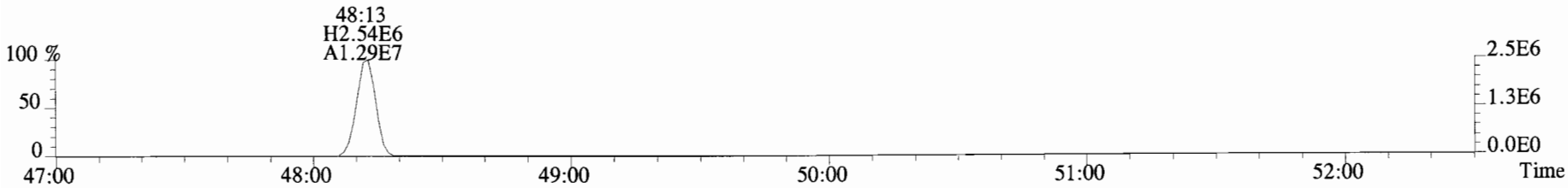
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1648.0,0.00%,F,F)



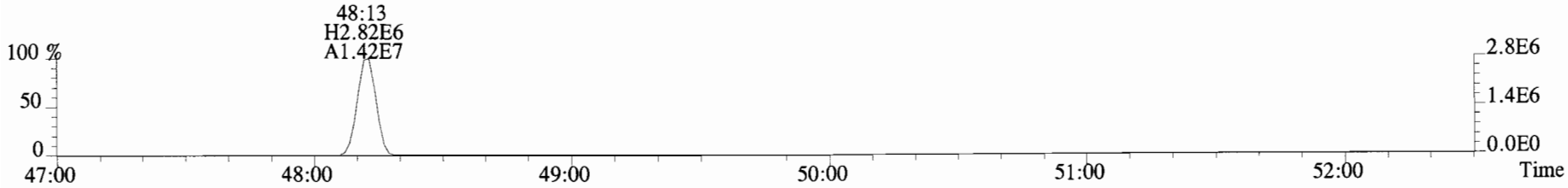
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3044.0,0.00%,F,F)



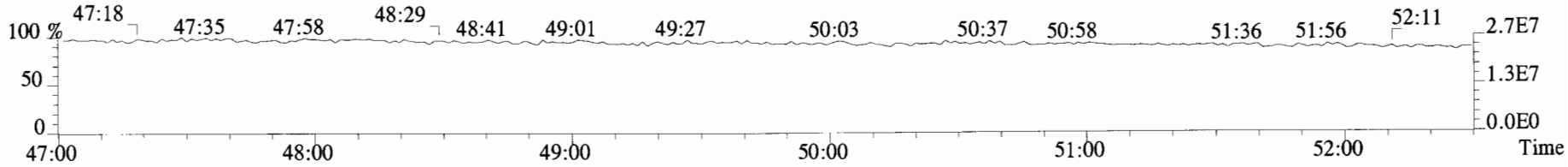
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2656.0,0.00%,F,F)



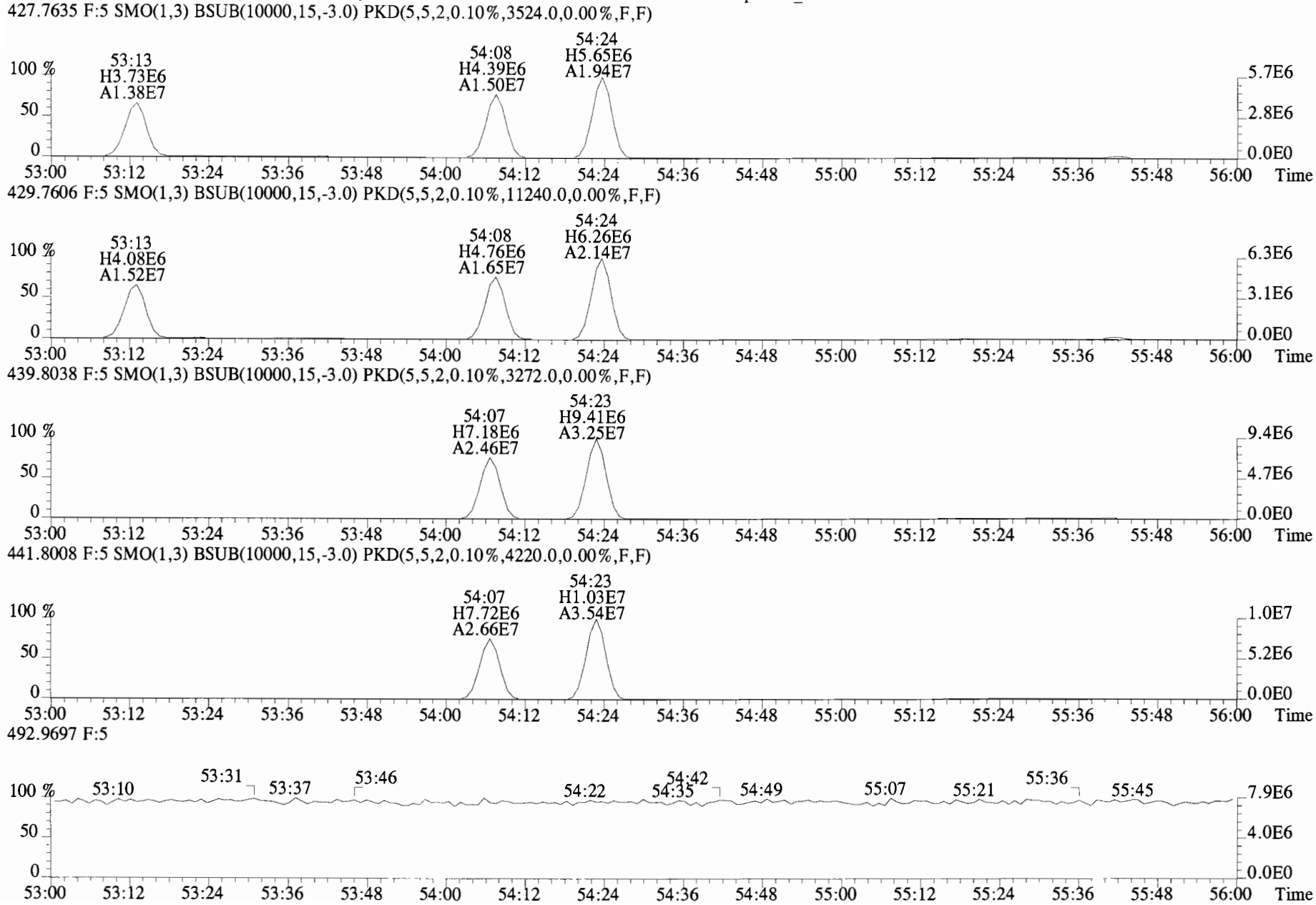
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



380.9760 F:4

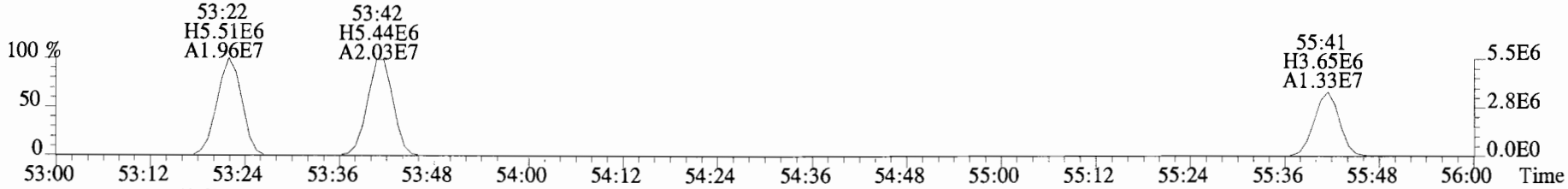


File:171108E2 #1-407 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1

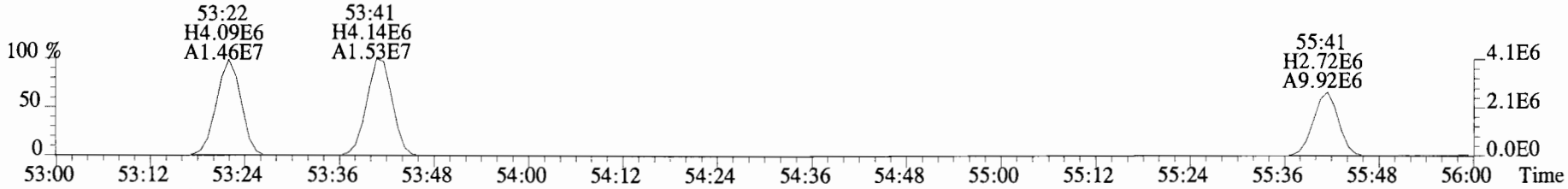


File:171108E2 #1-407 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1

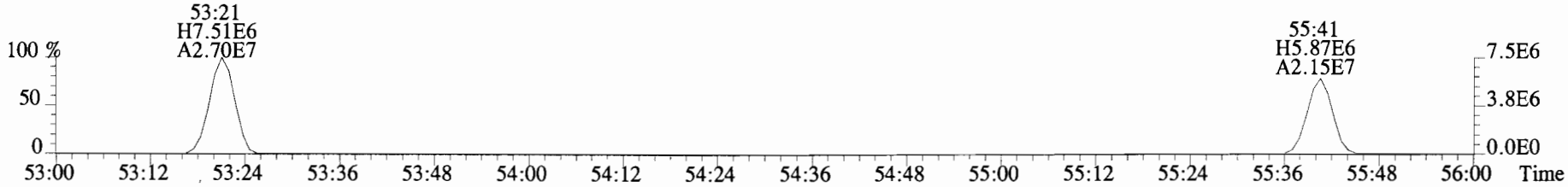
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6816.0,0.00%,F,F)



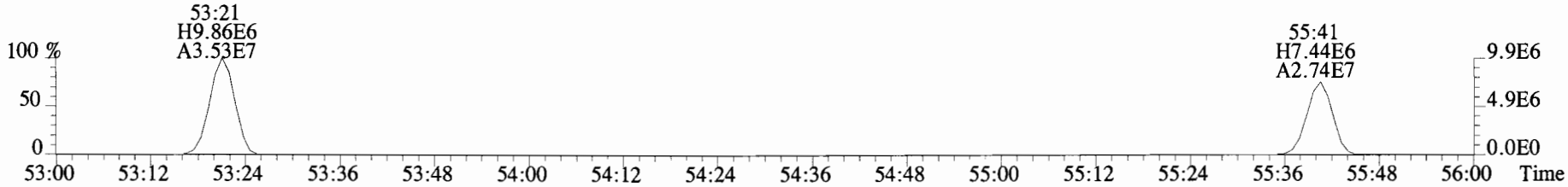
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5368.0,0.00%,F,F)



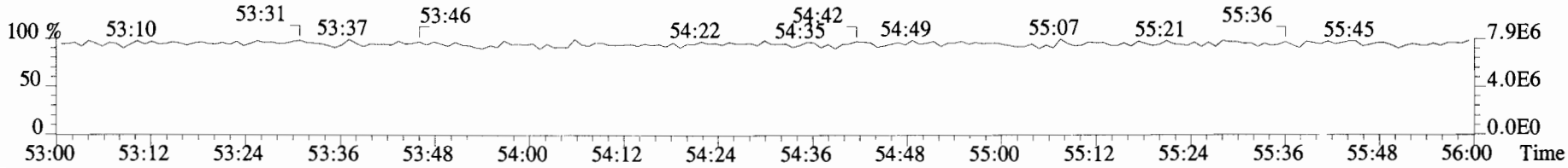
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7572.0,0.00%,F,F)



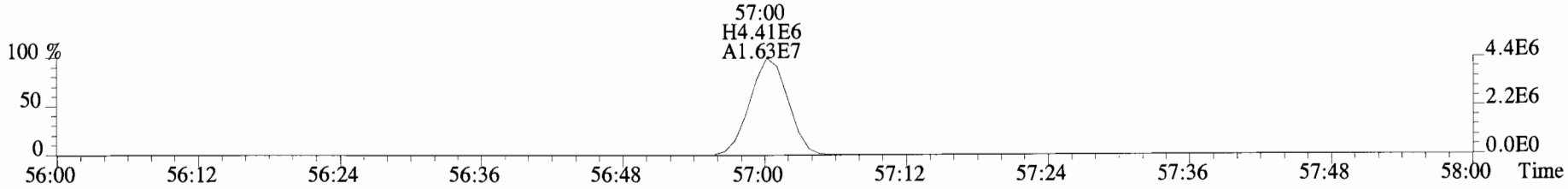
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11308.0,0.00%,F,F)



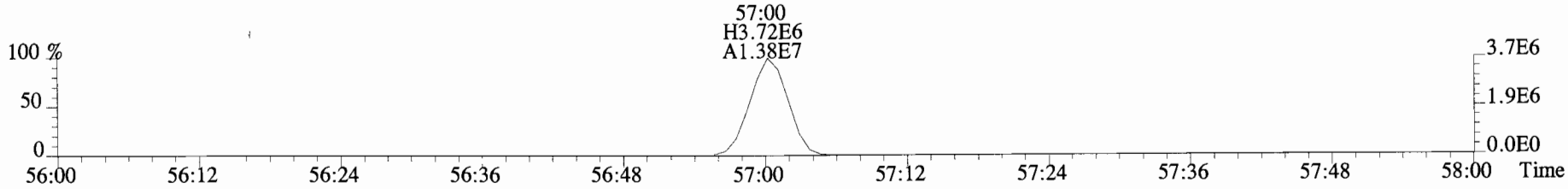
492.9697 F:5



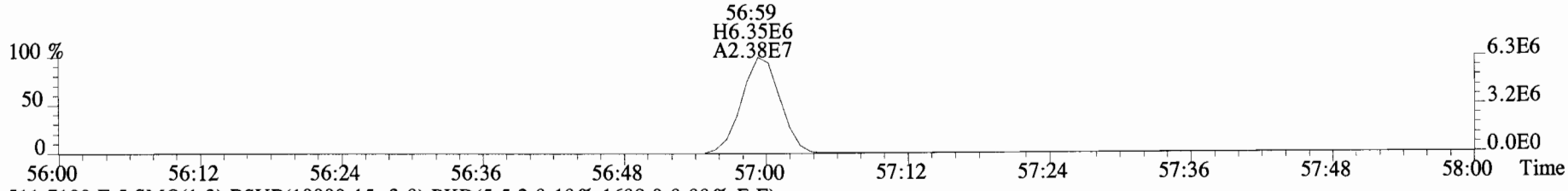
File:171108E2 #1-407 Acq: 8-NOV-2017 12:57:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1332.0,0.00%,F,F)



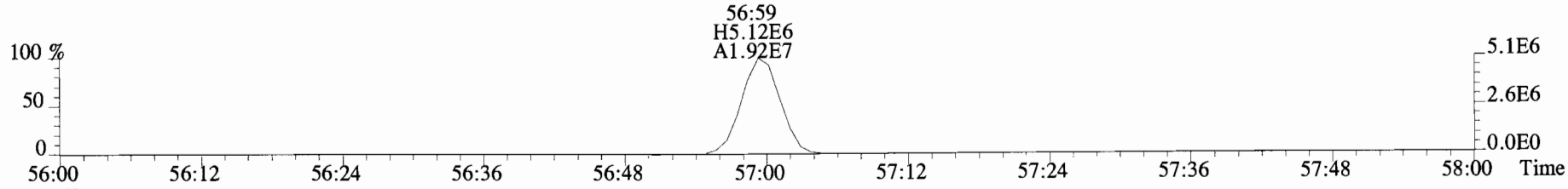
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1408.0,0.00%,F,F)



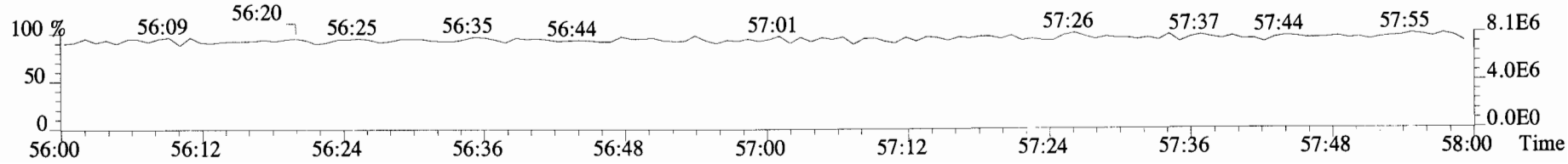
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)

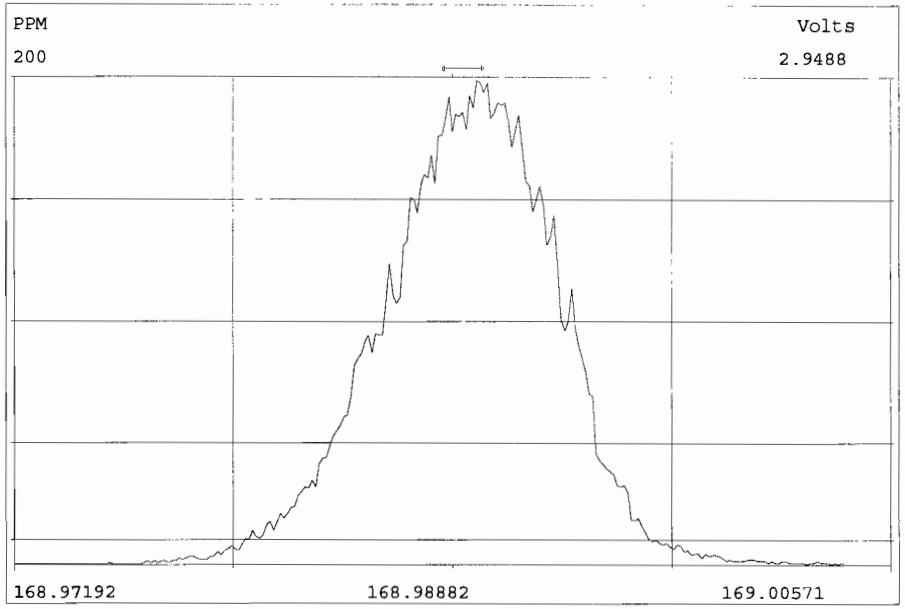


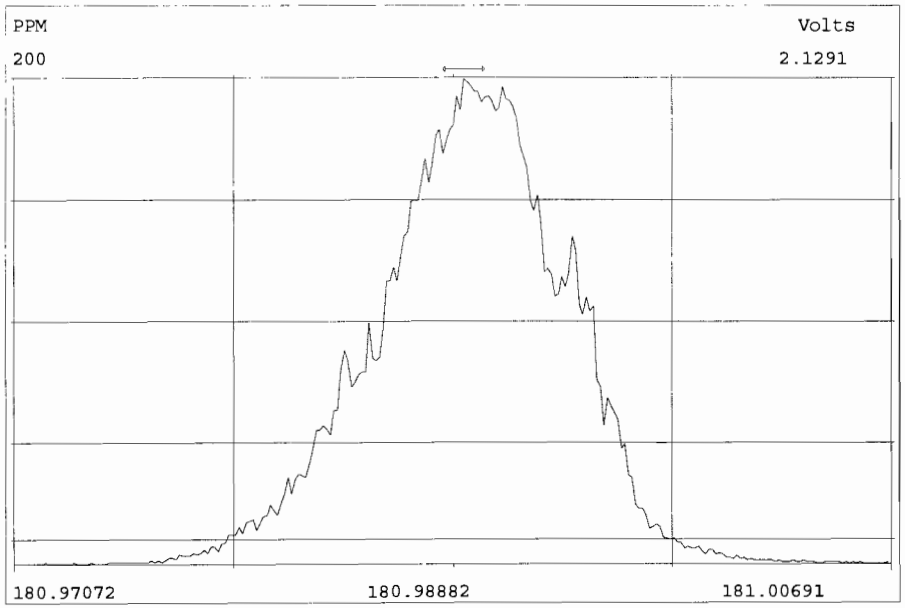
492.9697 F:5

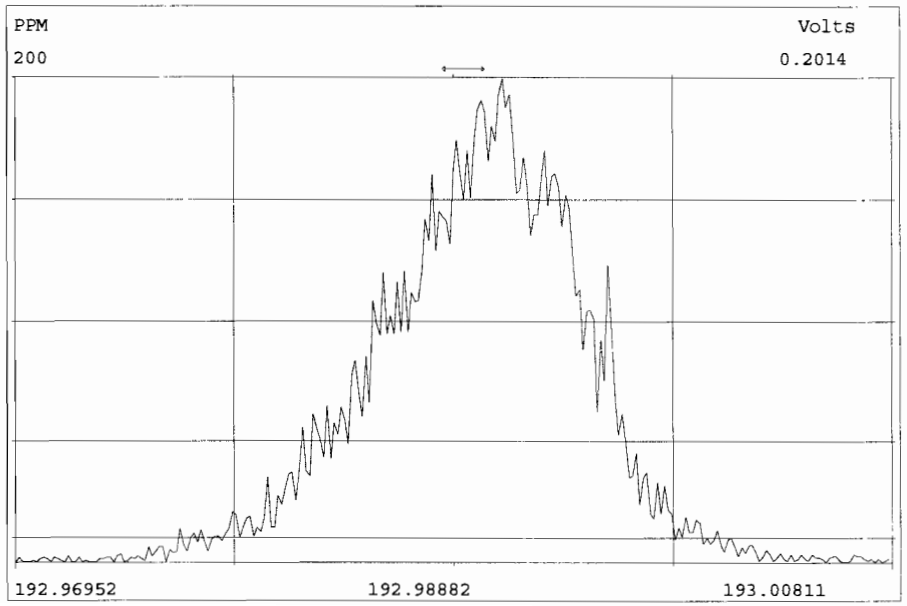


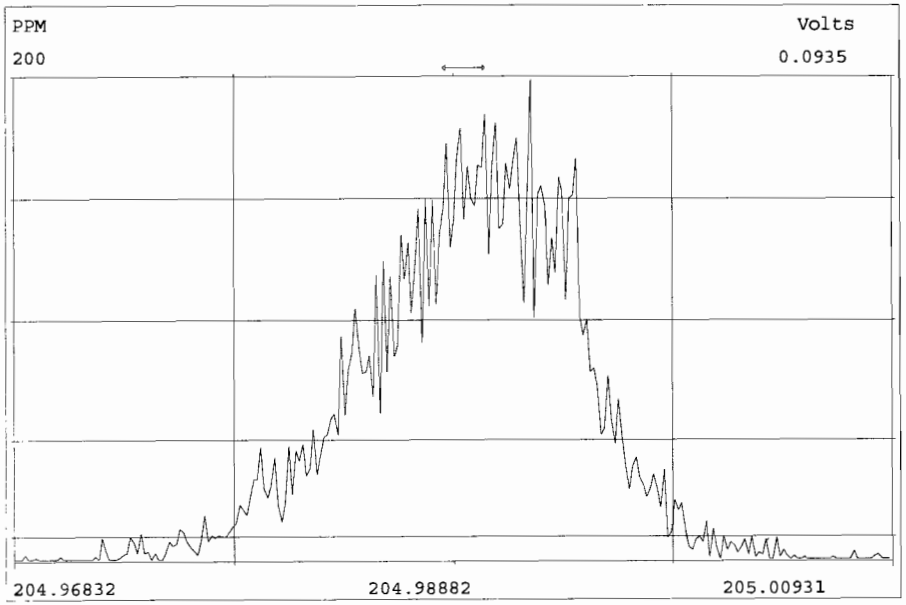
Peak Locate Examination: 8-NOV-2017:23:59 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



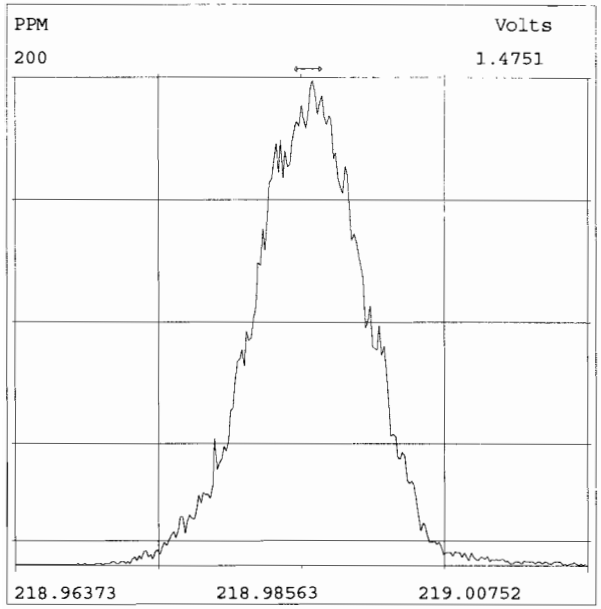


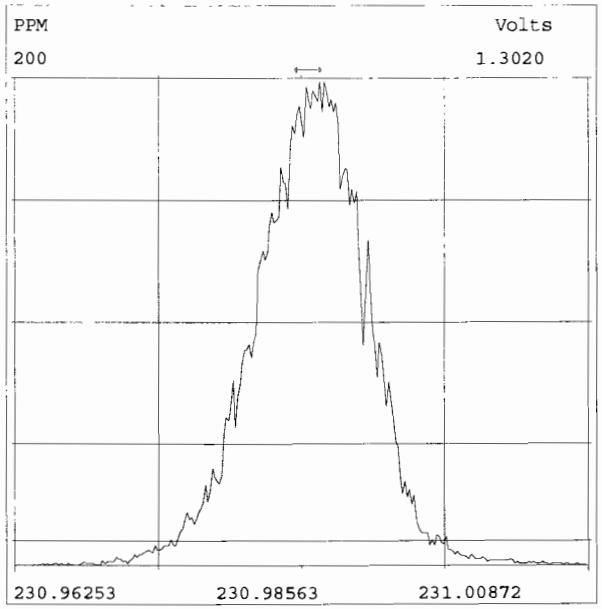


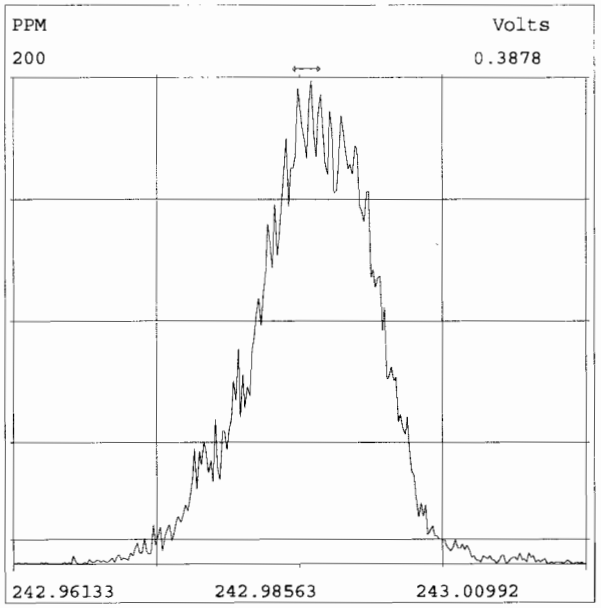


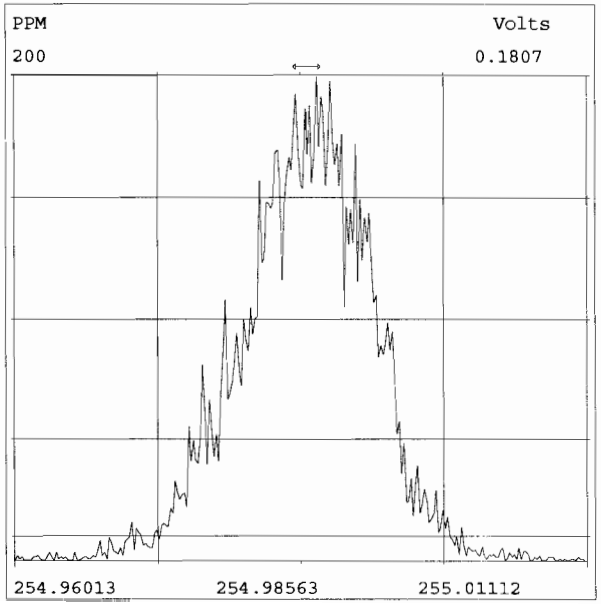
Peak Locate Examination: 9-NOV-2017:00:00 File:RES_CHECK

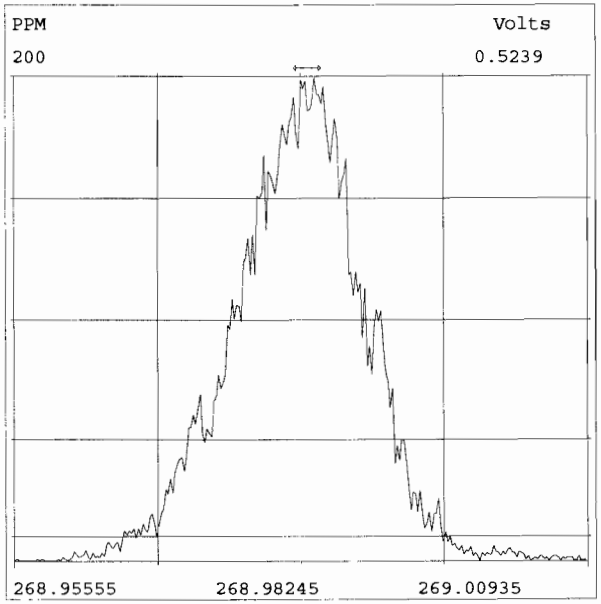
Experiment:PCB_ZB1 Function:2 Reference:PFK

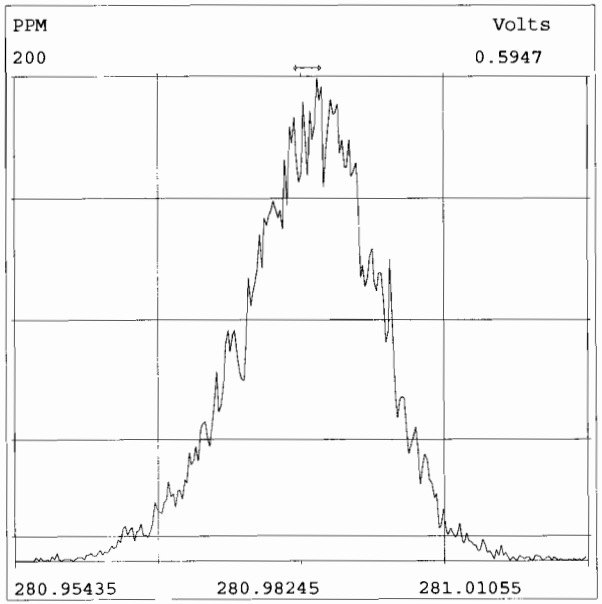






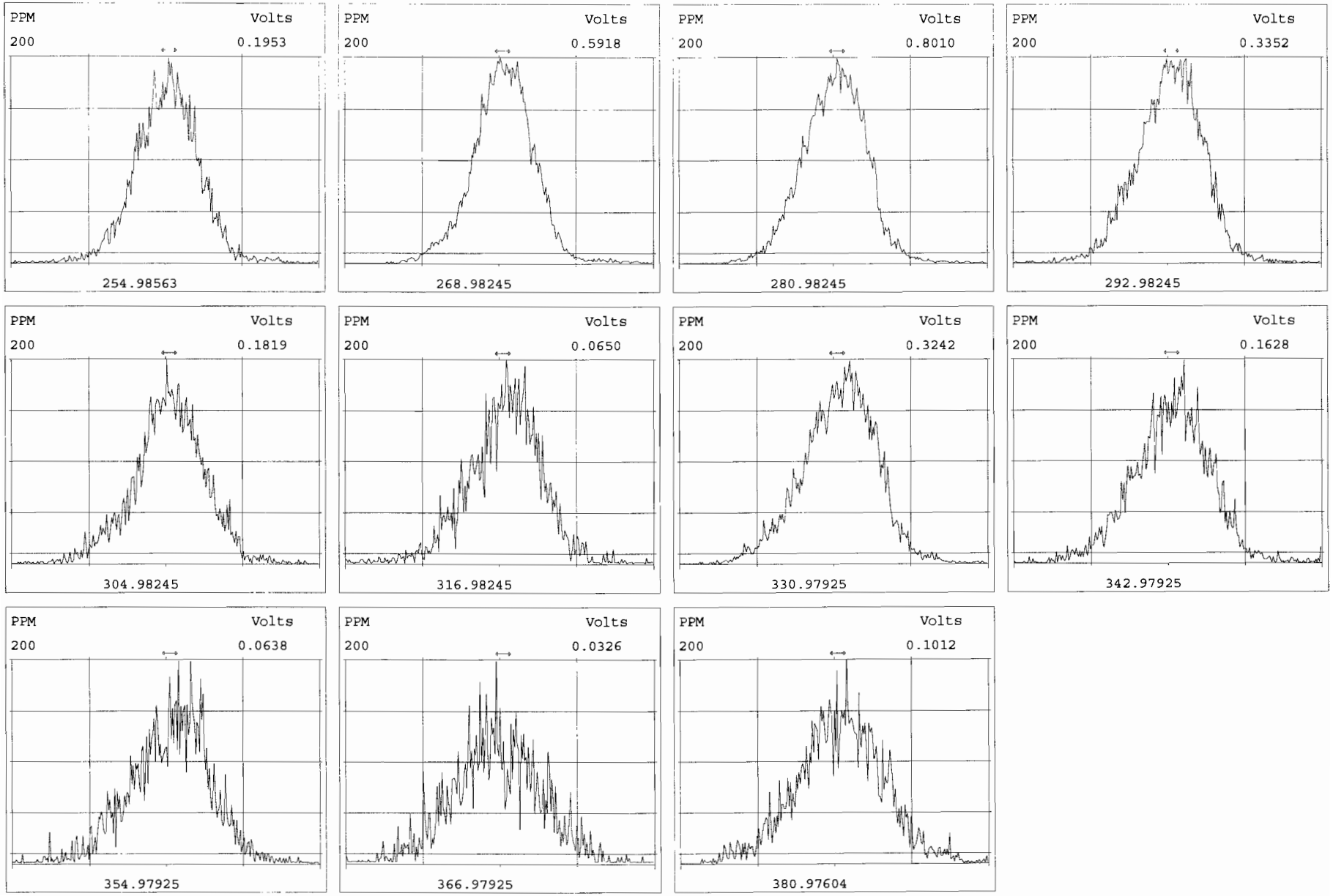






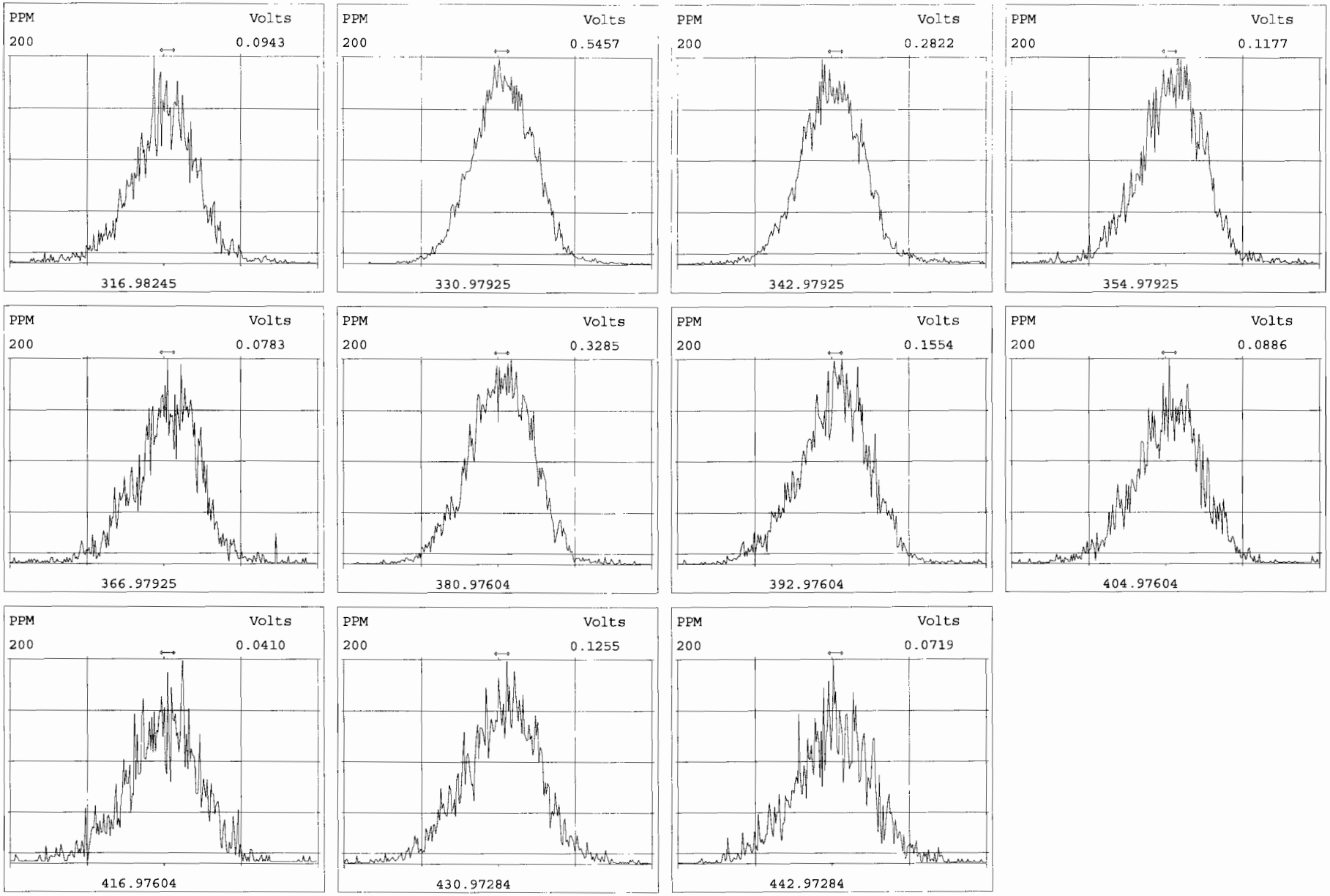
Peak Locate Examination: 9-NOV-2017:00:01 File:RES_CHECK

Experiment:PCB_ZB1 Function:3 Reference:PFK



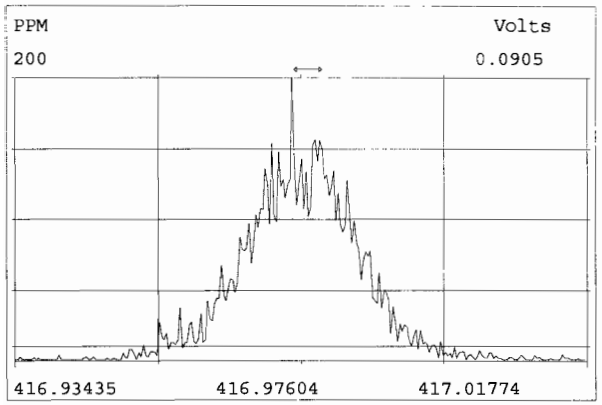
Peak Locate Examination: 9-NOV-2017:00:02 File:RES_CHECK

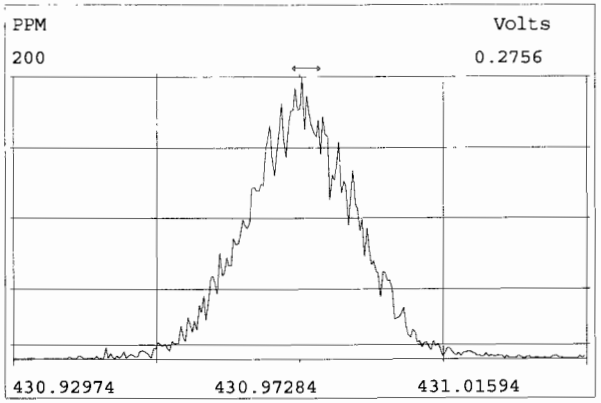
Experiment:PCB_ZB1 Function:4 Reference:PFK

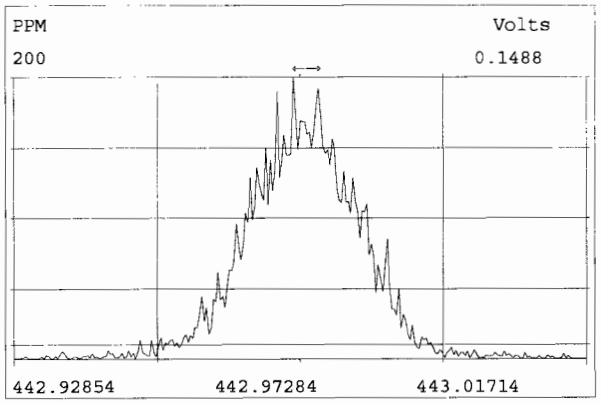


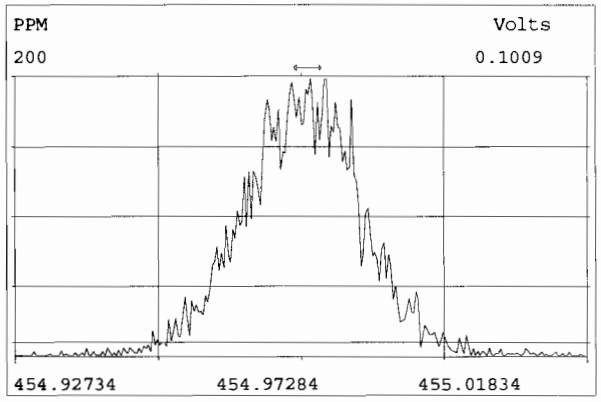
Peak Locate Examination: 9-NOV-2017:00:03 File:RES_CHECK

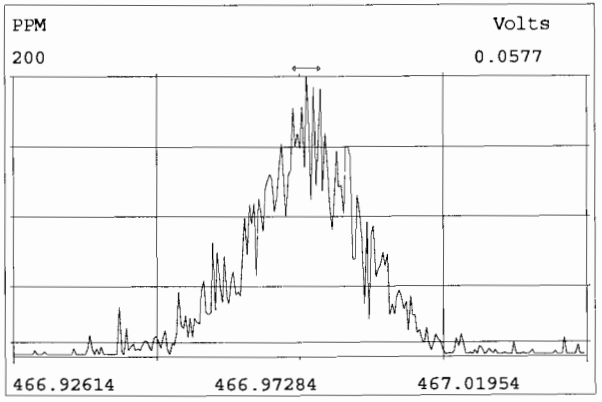
Experiment:PCB_ZB1 Function:5 Reference:PFK

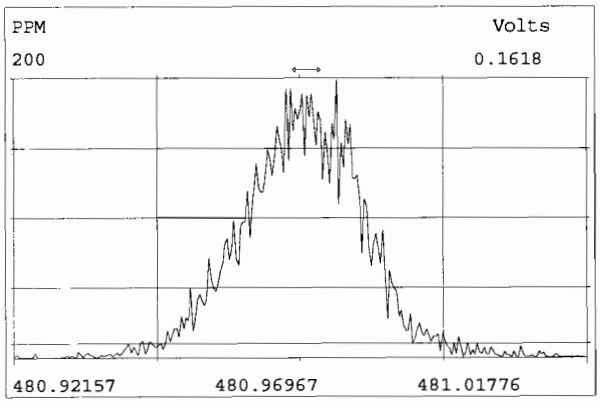


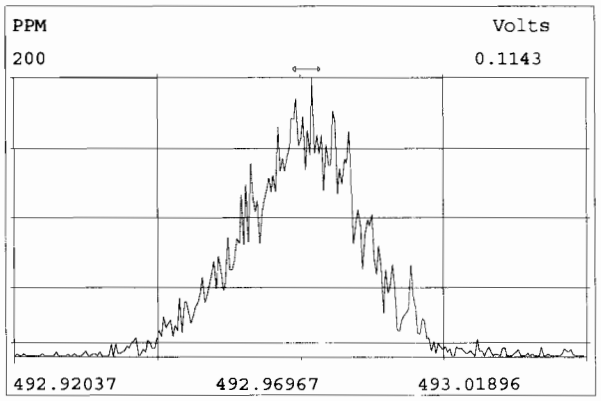


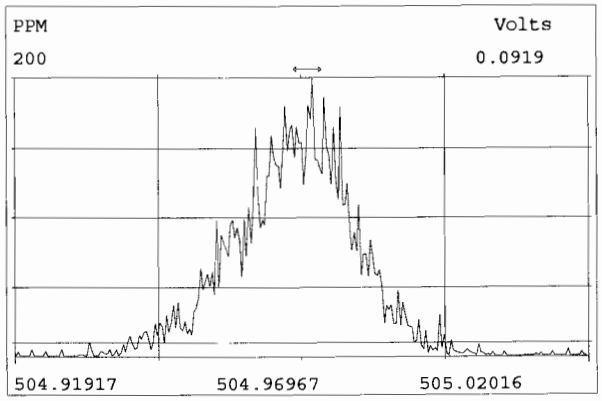


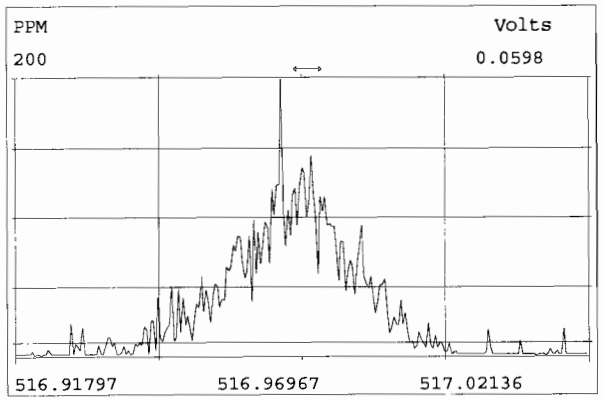












NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E3-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E3 S#1 Analysis Date: 9-NOV-17 Time: 00:04:28

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	3.04	2.66-3.60	y	52.8	37.5-62.5
PCB-2	3.10	2.66-3.60	y	52.4	37.5-62.5
PCB-3	3.06	2.66-3.60	y	52.6	37.5-62.5
PCB-4/10	1.60	1.33-1.79	y	107.3	75-125
PCB-7/9	1.61	1.33-1.79	y	106.1	75-125
PCB-6	1.60	1.33-1.79	y	54.2	37.5-62.5
PCB-5/8	1.61	1.33-1.79	y	107.4	75-125
PCB-14	1.60	1.33-1.79	y	55.4	37.5-62.5
PCB-11	1.64	1.33-1.79	y	52.6	37.5-62.5
PCB-12/13	1.61	1.33-1.79	y	103.6	75-125
PCB-15	1.63	1.33-1.79	y	50.8	37.5-62.5
PCB-19	1.09	0.88-1.20	y	54.0	37.5-62.5
PCB-30	1.07	0.88-1.20	y	51.6	37.5-62.5
PCB-18	1.08	0.88-1.20	y	48.7	37.5-62.5
PCB-17	1.05	0.88-1.20	y	48.5	37.5-62.5
PCB-24/27	1.07	0.88-1.20	y	104.7	75.0-125
PCB-16/32	1.07	0.88-1.20	y	108.8	75.0-125
PCB-34	1.06	0.88-1.20	y	52.8	37.5-62.5
PCB-23	1.06	0.88-1.20	y	51.6	37.5-62.5
PCB-29	1.06	0.88-1.20	y	52.0	37.5-62.5
PCB-26	1.05	0.88-1.20	y	51.5	37.5-62.5
PCB-25	1.06	0.88-1.20	y	51.8	37.5-62.5
PCB-31	1.05	0.88-1.20	y	50.1	37.5-62.5
PCB-28	1.07	0.88-1.20	y	51.1	37.5-62.5
PCB-20/21/33	1.06	0.88-1.20	y	156.9	112.5-225
PCB-22	1.05	0.88-1.20	y	51.5	37.5-62.5
PCB-36	1.06	0.88-1.20	y	53.8	37.5-62.5
PCB-39	1.07	0.88-1.20	y	52.5	37.5-62.5
PCB-38	1.07	0.88-1.20	y	53.3	37.5-62.5
PCB-35	1.06	0.88-1.20	y	52.6	37.5-62.5
PCB-37	1.06	0.88-1.20	y	52.2	37.5-62.5
PCB-54	0.78	0.65-0.89	y	51.3	37.5-62.5
PCB-50	0.80	0.65-0.89	y	51.0	37.5-62.5
PCB-53	0.78	0.65-0.89	y	53.3	37.5-62.5
PCB-51	0.77	0.65-0.89	y	52.2	37.5-62.5
PCB-45	0.78	0.65-0.89	y	52.7	37.5-62.5
PCB-46	0.77	0.65-0.89	y	52.7	37.5-62.5

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-52/69	0.78	0.65-0.89	y	106.1	75.0-125
PCB-73	0.77	0.65-0.89	y	52.8	37.5-62.5
PCB-43/49	0.79	0.65-0.89	y	105.0	75.0-125
PCB-47	0.78	0.65-0.89	y	61.5	37.5-62.5
PCB-48/75	0.78	0.65-0.89	y	99.2	75.0-125
PCB-65	0.77	0.65-0.89	y	55.9	37.5-62.5
PCB-62	0.79	0.65-0.89	y	50.9	37.5-62.5
PCB-44	0.78	0.65-0.89	y	52.0	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	106.5	75.0-125
PCB-41/64/71/72	0.78	0.65-0.89	y	210.4	150-250
PCB-68	0.77	0.65-0.89	y	52.5	37.5-62.5
PCB-40	0.77	0.65-0.89	y	53.0	37.5-62.5
PCB-57	0.78	0.65-0.89	y	54.7	37.5-62.5
PCB-67	0.79	0.65-0.89	y	52.0	37.5-62.5
PCB-58	0.80	0.65-0.89	y	53.1	37.5-62.5
PCB-63	0.79	0.65-0.89	y	54.6	37.5-62.5
PCB-74	0.77	0.65-0.89	y	52.9	37.5-62.5
PCB-61/70	0.78	0.65-0.89	y	108.3	75.0-125
PCB-76/66	0.78	0.65-0.89	y	104.9	75.0-125
PCB-80	0.79	0.65-0.89	y	52.8	37.5-62.5
PCB-55	0.78	0.65-0.89	y	51.2	37.5-62.5
PCB-56/60	0.77	0.65-0.89	y	104.9	75.0-125
PCB-79	0.78	0.65-0.89	y	51.8	37.5-62.5
PCB-78	0.78	0.65-0.89	y	53.3	37.5-62.5
PCB-81	0.78	0.65-0.89	y	50.7	37.5-62.5
PCB-77	0.78	0.65-0.89	y	51.2	37.5-62.5
PCB-104	1.62	1.32-1.78	y	53.8	37.5-62.5
PCB-96	1.66	1.32-1.78	y	55.4	37.5-62.5
PCB-103	1.58	1.32-1.78	y	52.7	37.5-62.5
PCB-100	1.65	1.32-1.78	y	53.4	37.5-62.5
PCB-94	1.64	1.32-1.78	y	53.2	37.5-62.5
PCB-95/98/102	1.65	1.32-1.78	y	162.5	112.5-225
PCB-93	1.51	1.32-1.78	y	51.0	37.5-62.5
PCB-88/91	1.60	1.32-1.78	y	112.5	75.0-125
PCB-121	1.66	1.32-1.78	y	49.3	37.5-62.5

Analyst: MJ

Date: 11/14/17

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E3-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E3 S#1 Analysis Date: 9-NOV-17 Time: 00:04:28

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)	ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-84/92	1.61	1.32-1.78	y	106.2	75.0-125	PCB-140	1.35	1.05-1.43	y	50.9	37.5-62.5
PCB-89	1.60	1.32-1.78	y	54.9	37.5-62.5	PCB-134/143	1.26	1.05-1.43	y	100.2	75.0-125
PCB-90/101	1.61	1.32-1.78	y	105.1	75.0-125	PCB-131/133	1.25	1.05-1.43	y	100.9	75.0-125
PCB-113	1.61	1.32-1.78	y	53.5	37.5-62.5	PCB-142	1.23	1.05-1.43	y	52.5	37.5-62.5
PCB-99	1.68	1.32-1.78	y	47.3	37.5-62.5	PCB-146/165	1.25	1.05-1.43	y	100.4	75.0-125
PCB-119	1.61	1.32-1.78	y	53.1	37.5-62.5	PCB-132/161	1.25	1.05-1.43	y	101.0	75.0-125
PCB-108/112	1.63	1.32-1.78	y	108.4	75.0-125	PCB-153	1.27	1.05-1.43	y	47.8	37.5-62.5
PCB-83	1.63	1.32-1.78	y	53.5	37.5-62.5	PCB-168	1.26	1.05-1.43	y	49.2	37.5-62.5
PCB-97	1.65	1.32-1.78	y	52.5	37.5-62.5	PCB-141	1.24	1.05-1.43	y	48.8	37.5-62.5
PCB-86	1.60	1.32-1.78	y	55.8	37.5-62.5	PCB-137	1.23	1.05-1.43	y	49.6	37.5-62.5
PCB-87/117/125	1.61	1.32-1.78	y	161.6	112.5-225	PCB-130	1.28	1.05-1.43	y	48.6	37.5-62.5
PCB-111/115	1.59	1.32-1.78	y	104.5	75.0-125	PCB-138/163/164	1.24	1.05-1.43	y	149.5	112.5-225
PCB-85/116	1.62	1.32-1.78	y	112.7	75.0-125	PCB-158/160	1.26	1.05-1.43	y	100.9	75.0-125
PCB-120	1.62	1.32-1.78	y	53.2	37.5-62.5	PCB-129	1.24	1.05-1.43	y	49.0	37.5-62.5
PCB-110	1.60	1.32-1.78	y	53.6	37.5-62.5	PCB-166	1.24	1.05-1.43	y	49.3	37.5-62.5
PCB-82	1.60	1.32-1.78	y	52.3	37.5-62.5	PCB-159	1.24	1.05-1.43	y	50.1	37.5-62.5
PCB-124	1.60	1.32-1.78	y	54.8	37.5-62.5	PCB-128/162	1.25	1.05-1.43	y	97.8	75.0-125
PCB-107/109	1.62	1.32-1.78	y	101.9	75.0-125	PCB-167	1.26	1.05-1.43	y	48.3	37.5-62.5
PCB-123	1.62	1.32-1.78	y	52.7	37.5-62.5	PCB-156	1.23	1.05-1.43	y	50.3	37.5-62.5
PCB-106/118	1.62	1.32-1.78	y	104.4	75.0-125	PCB-157	1.25	1.05-1.43	y	47.9	37.5-62.5
PCB-114	1.53	1.32-1.78	y	51.5	37.5-62.5	PCB-169	1.27	1.05-1.43	y	49.2	37.5-62.5
PCB-122	1.55	1.32-1.78	y	50.1	37.5-62.5	PCB-188	1.06	0.89-1.21	y	51.4	37.5-62.5
PCB-105	1.57	1.32-1.78	y	49.8	37.5-62.5	PCB-184	1.07	0.89-1.21	y	51.1	37.5-62.5
PCB-127	1.58	1.32-1.78	y	50.6	37.5-62.5	PCB-179	1.09	0.89-1.21	y	52.4	37.5-62.5
PCB-126	1.59	1.32-1.78	y	50.1	37.5-62.5	PCB-176	1.07	0.89-1.21	y	52.3	37.5-62.5
PCB-155	1.32	1.05-1.43	y	51.9	37.5-62.5	PCB-186	1.08	0.89-1.21	y	52.5	37.5-62.5
PCB-150	1.32	1.05-1.43	y	51.5	37.5-62.5	PCB-178	1.08	0.89-1.21	y	50.8	37.5-62.5
PCB-152	1.32	1.05-1.43	y	52.0	37.5-62.5	PCB-175	1.08	0.89-1.21	y	51.7	37.5-62.5
PCB-145	1.31	1.05-1.43	y	50.8	37.5-62.5	PCB-182/187	1.07	0.89-1.21	y	100.6	75.0-125
PCB-136	1.30	1.05-1.43	y	55.2	37.5-62.5	PCB-183	1.07	0.89-1.21	y	51.0	37.5-62.5
PCB-148	1.34	1.05-1.43	y	48.0	37.5-62.5	PCB-185	1.08	0.89-1.21	y	51.3	37.5-62.5
PCB-154	1.38	1.05-1.43	y	52.0	37.5-62.5	PCB-174	1.06	0.89-1.21	y	46.1	37.5-62.5
PCB-151	1.35	1.05-1.43	y	51.9	37.5-62.5	PCB-181	1.09	0.89-1.21	y	60.1	37.5-62.5
PCB-135	1.35	1.05-1.43	y	50.9	37.5-62.5	PCB-177	1.07	0.89-1.21	y	51.5	37.5-62.5
PCB-144	1.32	1.05-1.43	y	53.0	37.5-62.5	PCB-171	1.06	0.89-1.21	y	53.6	37.5-62.5
PCB-147	1.34	1.05-1.43	y	55.1	37.5-62.5	PCB-173	1.10	0.89-1.21	y	51.6	37.5-62.5
PCB-139/149	1.30	1.05-1.43	y	104.3	75.0-125	PCB-172	1.07	0.89-1.21	y	51.3	37.5-62.5

Analyst: MJ

Date: 11/14/17

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E3-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E3 S#1 Analysis Date: 9-NOV-17 Time: 00:04:28

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.07	0.89-1.21	y	51.8	37.5-62.5
PCB-180	1.07	0.89-1.21	y	50.8	37.5-62.5
PCB-193	1.07	0.89-1.21	y	51.6	37.5-62.5
PCB-191	1.08	0.89-1.21	y	52.9	37.5-62.5
PCB-170	1.06	0.89-1.21	y	50.9	37.5-62.5
PCB-190	1.07	0.89-1.21	y	50.3	37.5-62.5
PCB-189	1.09	0.89-1.21	y	50.3	37.5-62.5
PCB-202	0.92	0.76-1.02	y	51.6	37.5-62.5
PCB-201	0.90	0.76-1.02	y	52.8	37.5-62.5
PCB-204	0.95	0.76-1.02	y	50.5	37.5-62.5
PCB-197	0.93	0.76-1.02	y	50.2	37.5-62.5
PCB-200	0.92	0.76-1.02	y	50.4	37.5-62.5
PCB-198	0.90	0.76-1.02	y	49.9	37.5-62.5
PCB-199	0.93	0.76-1.02	y	50.7	37.5-62.5
PCB-196/203	0.91	0.76-1.02	y	100.8	75.0-125
PCB-195	0.89	0.76-1.02	y	50.5	37.5-62.5
PCB-194	0.91	0.76-1.02	y	49.4	37.5-62.5
PCB-205	0.91	0.76-1.02	y	51.1	37.5-62.5
PCB-208	1.34	1.14-1.54	y	50.1	37.5-62.5
PCB-207	1.35	1.14-1.54	y	50.7	37.5-62.5
PCB-206	1.33	1.14-1.54	y	49.5	37.5-62.5
PCB-209	1.21	0.99-1.33	y	49.1	37.5-62.5

Analyst: MJ

Date: 11/14/17

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST171108E3-1 Instrument ID: VG-8

Initial Calibration Date: 10-27-17 ICal ID: PCBVG8-10-27-17 GC Column ID: ZB-1

VER Data Filename: 171108E3 S#1 Analysis Date: 9-NOV-17 Time: 00:04:28

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.24	2.66-3.60	y	86.9	50.0-145
13C-PCB-3	3.30	2.66-3.60	y	90.2	50.0-145
13C-PCB-4	1.62	1.33-1.79	y	104.5	50.0-145
13C-PCB-9	1.56	1.33-1.79	y	107.0	50.0-145
13C-PCB-11	1.59	1.33-1.79	y	108.2	50.0-145
13C-PCB-19	1.08	0.88-1.20	y	89.5	50.0-145
13C-PCB-32	1.10	0.88-1.20	y	85.1	50.0-145
13C-PCB-28	1.08	0.88-1.20	y	103.3	50.0-145
13C-PCB-37	1.08	0.88-1.20	y	101.0	50.0-145
13C-PCB-54	0.81	0.65-0.89	y	105.4	50.0-145
13C-PCB-52	0.80	0.65-0.89	y	102.8	50.0-145
13C-PCB-47	0.82	0.65-0.89	y	102.2	50.0-145
13C-PCB-70	0.80	0.65-0.89	y	98.7	50.0-145
13C-PCB-80	0.81	0.65-0.89	y	101.3	50.0-145
13C-PCB-81	0.80	0.65-0.89	y	102.4	50.0-145
13C-PCB-77	0.84	0.65-0.89	y	101.6	50.0-145
13C-PCB-104	1.61	1.32-1.78	y	101.2	50.0-145
13C-PCB-95	1.63	1.32-1.78	y	100.2	50.0-145
13C-PCB-101	1.68	1.32-1.78	y	102.4	50.0-145
13C-PCB-97	1.63	1.32-1.78	y	99.3	50.0-145
13C-PCB-123	1.63	1.32-1.78	y	101.1	50.0-145
13C-PCB-118	1.66	1.32-1.78	y	101.7	50.0-145
13C-PCB-114	1.63	1.32-1.78	y	120.9	50.0-145
13C-PCB-105	1.60	1.32-1.78	y	120.6	50.0-145
13C-PCB-127	1.57	1.32-1.78	y	122.1	50.0-145
13C-PCB-126	1.60	1.32-1.78	y	119.5	50.0-145
13C-PCB-155	1.28	1.05-1.43	y	75.6	50.0-145
13C-PCB-153	1.28	1.05-1.43	y	100.0	50.0-145
13C-PCB-141	1.29	1.05-1.43	y	102.1	50.0-145
13C-PCB-138	1.30	1.05-1.43	y	100.0	50.0-145
13C-PCB-159	1.31	1.05-1.43	y	101.3	50.0-145
13C-PCB-167	1.30	1.05-1.43	y	99.9	50.0-145
13C-PCB-156	1.30	1.05-1.43	y	102.4	50.0-145
13C-PCB-157	1.27	1.05-1.43	y	103.0	50.0-145

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.30	1.05-1.43	y	100.0	50 - 145
13C-PCB-188	0.46	0.38-0.52	y	101.0	50 - 145
13C-PCB-180	0.46	0.38-0.52	y	99.1	50 - 145
13C-PCB-170	0.48	0.38-0.52	y	99.7	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	100.1	50 - 145
13C-PCB-202	0.93	0.76-1.02	y	77.9	50 - 145
13C-PCB-194	0.92	0.76-1.02	y	97.7	50 - 145
13C-PCB-208	0.78	0.65-0.89	y	84.3	50 - 145
13C-PCB-206	0.80	0.65-0.89	y	89.6	50 - 145
13C-PCB-209	1.21	0.99-1.33	y	82.8	50 - 145

CRS vs. RS

13C-PCB-79	0.82	0.65-0.89	y	100.2	75 - 125
13C-PCB-178	0.46	0.38-0.52	y	101.3	75 - 125

Analyst: MJ

Date: 11/14/17

Client ID: PCB CS3 17I0520 Filename: 171108F3 S:1 Acq:9-NOV-17 00:04:28 ConCal: ST171108E3-1

Lab ID: ST171108E3-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	6.81e+07	3.04 y	1.14	16:01	1.001	0.996	1.006	52.8444
	PCB-2	6.79e+07	3.10 y	1.09	18:25	0.988	0.983	0.993	52.3592
	PCB-3	6.92e+07	3.06 y	1.10	18:39	1.001	0.996	1.006	52.5722
	PCB-4/10	1.10e+08	1.60 y	1.41	20:02	1.003	0.998	1.008	107.325
	PCB-7/9	1.33e+08	1.61 y	1.13	21:49	0.867	0.864	0.871	106.131
	PCB-6	6.57e+07	1.60 y	1.09	22:28	0.893	0.888	0.897	54.2255
	PCB-5/8	1.36e+08	1.61 y	1.14	22:53	0.909	0.905	0.913	107.404
	PCB-14	8.37e+07	1.60 y	1.39	23:58	0.952	0.948	0.958	55.4238
	PCB-11	6.73e+07	1.64 y	1.18	25:10	1.000	0.996	1.006	52.5767
	PCB-12/13	1.30e+08	1.61 y	1.15	25:34	1.016	1.011	1.021	103.621
	PCB-15	7.00e+07	1.63 y	1.26	25:53	1.028	1.023	1.033	50.7660
	PCB-19	4.05e+07	1.09 y	1.25	24:10	1.001	0.996	1.006	53.9627
	PCB-30	6.04e+07	1.07 y	1.94	25:03	1.038	1.033	1.043	51.6344
	PCB-18	3.74e+07	1.08 y	0.95	25:48	0.953	0.949	0.959	48.6535
	PCB-17	4.04e+07	1.05 y	1.03	25:59	0.960	0.955	0.965	48.4915
	PCB-24/27	1.14e+08	1.07 y	1.35	26:34	0.982	0.976	0.986	104.667
-	PCB-16/32	9.75e+07	1.07 y	1.11	27:04	1.000	0.995	1.005	108.756
-	PCB-34	6.77e+07	1.06 y	1.19	27:52	0.960	0.955	0.965	52.7953
	PCB-23	6.88e+07	1.06 y	1.24	27:57	0.963	0.958	0.968	51.5805
	PCB-29	7.07e+07	1.06 y	1.26	28:12	0.971	0.966	0.976	51.9716
	PCB-26	6.84e+07	1.05 y	1.23	28:26	0.979	0.974	0.984	51.5342
	PCB-25	6.43e+07	1.06 y	1.15	28:35	0.985	0.980	0.990	51.8081
	PCB-31	7.12e+07	1.05 y	1.32	28:56	0.997	0.992	1.002	50.0776
	PCB-28	6.89e+07	1.07 y	1.25	29:02	1.000	0.995	1.005	51.1290
	PCB-20/21/33	2.03e+08	1.06 y	1.20	29:40	1.022	1.017	1.027	156.924
	PCB-22	6.66e+07	1.05 y	1.20	30:06	1.037	1.032	1.042	51.5373
	PCB-36	6.86e+07	1.06 y	1.24	30:43	0.934	0.929	0.939	53.8211
	PCB-39	7.14e+07	1.07 y	1.32	31:11	0.948	0.943	0.953	52.5083
	PCB-38	6.46e+07	1.07 y	1.18	31:57	0.971	0.966	0.976	53.3335
	PCB-35	6.49e+07	1.06 y	1.20	32:29	0.987	0.982	0.992	52.6257
	PCB-37	7.14e+07	1.06 y	1.33	32:55	1.001	0.995	1.005	52.1692
	PCB-54	5.21e+07	0.78 y	1.12	27:55	1.001	0.996	1.006	51.3047
	PCB-50	4.16e+07	0.80 y	0.90	29:06	1.043	1.038	1.048	51.0372
	PCB-53	4.21e+07	0.78 y	1.14	29:44	0.945	0.941	0.951	53.2710
	PCB-51	4.27e+07	0.77 y	1.18	30:05	0.957	0.952	0.962	52.2139
	PCB-45	3.74e+07	0.78 y	1.03	30:31	0.970	0.965	0.975	52.6699
	PCB-46	3.57e+07	0.77 y	0.98	31:00	0.986	0.981	0.991	52.6963

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	9.71e+07	0.78 y	1.325	31:29	1.001	0.996	1.006	106.130
PCB-73	5.06e+07	0.77 y	1.388	31:36	1.005	1.000	1.010	52.8391
PCB-43/49	8.27e+07	0.79 y	1.141	31:46	1.010	1.005	1.015	105.010
PCB-47	4.82e+07	0.78 y	1.042	31:58	1.001	0.996	1.006	61.4866
PCB-48/75	9.79e+07	0.78 y	1.313	32:05	1.004	0.999	1.009	99.2053
PCB-65	5.19e+07	0.77 y	1.234	32:20	1.012	1.007	1.017	55.9291
PCB-62	4.85e+07	0.79 y	1.267	32:27	1.016	1.011	1.021	50.9364
PCB-44	3.55e+07	0.78 y	0.909	32:46	1.026	1.020	1.030	51.9699
PCB-42/59	9.58e+07	0.77 y	1.197	32:58	1.032	1.027	1.037	106.533
PCB-41/64/71/72	2.01e+08	0.78 y	1.273	33:35	1.051	1.046	1.056	210.431
PCB-68	5.83e+07	0.77 y	1.477	33:50	1.059	1.054	1.064	52.4908
PCB-40	3.27e+07	0.77 y	0.820	34:02	1.065	1.060	1.070	53.0447
PCB-57	5.37e+07	0.78 y	1.146	34:25	0.970	0.965	0.975	54.7442
PCB-67	5.09e+07	0.79 y	1.144	34:43	0.979	0.974	0.984	51.9913
PCB-58	5.55e+07	0.80 y	1.221	34:50	0.982	0.977	0.987	53.1371
PCB-63	5.71e+07	0.79 y	1.222	34:59	0.986	0.982	0.992	54.6319
PCB-74	5.54e+07	0.77 y	1.225	35:16	0.994	0.990	1.000	52.8720
PCB-61/70	1.08e+08	0.78 y	1.165	35:26	0.999	0.994	1.004	108.342
PCB-76/66	1.08e+08	0.78 y	1.199	35:40	1.006	1.001	1.011	104.890
PCB-80	6.44e+07	0.79 y	1.383	35:53	1.000	0.995	1.005	52.7822
PCB-55	5.69e+07	0.78 y	1.261	36:13	1.009	1.004	1.014	51.2150
PCB-56/60	1.07e+08	0.77 y	1.161	36:42	1.023	1.018	1.028	104.918
PCB-79	5.67e+07	0.78 y	1.241	37:46	1.052	1.047	1.057	51.8055
PCB-78	5.37e+07	0.78 y	1.129	38:28	0.987	0.982	0.992	53.3149
PCB-81	5.72e+07	0.78 y	1.265	39:00	1.000	0.995	1.005	50.6571
PCB-77	5.71e+07	0.78 y	1.324	39:35	1.000	0.995	1.005	51.2462
PCB-104	3.05e+07	1.62 y	1.367	32:37	1.001	0.996	1.006	53.8047
PCB-96	2.72e+07	1.66 y	1.184	33:53	1.039	1.034	1.044	55.4458
PCB-103	2.45e+07	1.58 y	1.122	34:25	1.056	1.051	1.061	52.7112
PCB-100	2.42e+07	1.65 y	1.096	34:46	1.066	1.062	1.072	53.3501
PCB-94	1.99e+07	1.64 y	1.163	35:15	0.986	0.981	0.991	53.1917
PCB-95/98/102	6.88e+07	1.65 y	1.313	35:44	0.999	0.994	1.004	162.477
PCB-93	1.77e+07	1.51 y	1.079	35:52	1.003	0.997	1.007	50.9839
PCB-88/91	4.34e+07	1.60 y	1.198	36:09	1.011	1.005	1.015	112.517
PCB-121	2.93e+07	1.66 y	1.847	36:16	1.014	1.009	1.019	49.2710
PCB-84/92	4.20e+07	1.61 y	1.217	37:05	0.990	0.985	0.995	106.206
PCB-89	2.12e+07	1.60 y	1.185	37:16	0.995	0.990	1.000	54.9453

Integrations by Analyst: MJ Date: 11/14/17

Reviewed by Analyst: CT Date: 12/1/17

Client ID: PCB CS3 17J0520 Filename: 171108E3 S:1 Acq:9-NOV-17 00:04:28 ConCal: ST171108E3-1

Lab ID: ST171108E3-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	4.72e+07	1.61 y	1.38	37:28	1.000	0.995	1.005	105.084
	PCB-113	2.64e+07	1.61 y	1.52	37:41	1.006	1.002	1.012	53.4750
	PCB-99	2.27e+07	1.68 y	1.48	37:48	1.009	1.004	1.014	47.3373
	PCB-119	3.10e+07	1.61 y	2.12	38:16	0.988	0.982	0.992	53.1211
	PCB-108/112	4.74e+07	1.63 y	1.59	38:25	0.991	0.986	0.996	108.358
	PCB-83	2.79e+07	1.63 y	1.90	38:34	0.995	0.991	1.001	53.4533
	PCB-97	2.17e+07	1.65 y	1.50	38:46	1.000	0.995	1.005	52.5218
	PCB-86	1.83e+07	1.60 y	1.19	38:54	1.004	0.999	1.009	55.7624
	B-87/117/125	7.84e+07	1.61 y	1.76	39:02	1.007	1.002	1.012	161.567
	PCB-111/115	6.00e+07	1.59 y	2.09	39:11	1.011	1.007	1.017	104.512
	PCB-85/116	4.75e+07	1.62 y	1.53	39:19	1.015	1.010	1.020	112.712
	PCB-120	3.20e+07	1.62 y	2.19	39:34	1.021	1.016	1.026	53.2103
	PCB-110	2.75e+07	1.60 y	1.87	39:42	1.025	1.020	1.030	53.5807
	PCB-82	1.76e+07	1.60 y	0.88	40:19	0.976	0.971	0.981	52.2832
	PCB-124	3.06e+07	1.60 y	1.46	41:00	0.993	0.988	0.998	54.7995
	PCB-107/109	5.74e+07	1.62 y	1.47	41:09	0.996	0.991	1.001	101.924
	PCB-123	2.97e+07	1.62 y	1.48	41:20	1.001	0.996	1.006	52.6518
-	PCB-106/118	6.07e+07	1.62 y	1.45	41:31	1.001	0.996	1.006	104.424
-	PCB-114	5.48e+07	1.53 y	1.39	42:09	1.000	0.995	1.005	51.5012
	PCB-122	4.63e+07	1.55 y	1.21	42:18	1.004	0.999	1.009	50.0559
	PCB-105	5.43e+07	1.57 y	1.44	43:01	1.000	0.995	1.005	49.7635
	PCB-127	4.98e+07	1.58 y	1.19	43:21	1.000	0.995	1.005	50.5653
	PCB-126	5.01e+07	1.59 y	1.33	45:15	1.000	0.995	1.005	50.0768
	PCB-155	1.65e+07	1.32 y	1.42	37:01	1.001	0.966	1.006	51.8813
	PCB-150	1.53e+07	1.32 y	1.32	38:17	1.035	1.029	1.039	51.4790
	PCB-152	1.51e+07	1.32 y	1.30	38:45	1.048	1.042	1.052	52.0159
	PCB-145	1.45e+07	1.31 y	1.27	39:12	1.060	1.054	1.064	50.8125
	PCB-136	1.61e+07	1.30 y	1.30	39:31	1.068	1.063	1.073	55.2406
	PCB-148	1.02e+07	1.34 y	0.94	39:37	1.071	1.066	1.076	48.0115
	PCB-154	1.21e+07	1.38 y	1.04	40:07	1.085	1.079	1.089	52.0434
	PCB-151	1.13e+07	1.35 y	0.97	40:45	1.102	1.095	1.107	51.8513
	PCB-135	1.13e+07	1.35 y	0.99	40:58	1.108	1.101	1.113	50.8533
	PCB-144	1.18e+07	1.32 y	0.99	41:05	1.111	1.105	1.116	52.9617
	PCB-147	1.10e+07	1.34 y	0.89	41:12	1.114	1.108	1.120	55.0569
	PCB-139/149	2.41e+07	1.30 y	1.03	41:28	1.121	1.115	1.127	104.256
-	PCB-140	1.10e+07	1.35 y	0.97	41:40	1.127	1.120	1.132	50.8897
-	PCB-134/143	6.49e+07	1.26 y	0.93	42:05	0.975	0.970	0.980	100.157

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	6.47e+07	1.25 y	0.92	42:22	0.981	0.977	0.987	100.911
PCB-142	3.15e+07	1.23 y	0.86	42:32	0.985	0.980	0.990	52.5106
PCB-146/165	7.81e+07	1.25 y	1.12	42:46	0.991	0.986	0.996	100.378
PCB-132/161	7.95e+07	1.25 y	1.13	43:01	0.997	0.992	1.002	100.956
PCB-153	3.84e+07	1.27 y	1.16	43:11	1.000	0.996	1.006	47.7526
PCB-168	4.83e+07	1.26 y	1.41	43:24	1.005	1.000	1.010	49.1547
PCB-141	3.60e+07	1.24 y	1.24	43:55	1.000	0.996	1.006	48.8307
PCB-137	3.70e+07	1.23 y	1.25	44:18	1.009	1.004	1.014	49.5516
PCB-130	3.09e+07	1.28 y	1.07	44:24	1.011	1.006	1.016	48.5694
PCB-138/163/164	1.27e+08	1.24 y	1.36	44:47	1.001	0.996	1.006	149.498
PCB-158/160	9.14e+07	1.26 y	1.46	45:01	1.006	1.001	1.011	100.871
PCB-129	3.07e+07	1.24 y	1.01	45:15	1.011	1.007	1.017	49.0088
PCB-166	4.59e+07	1.24 y	1.23	45:43	0.993	0.988	0.998	49.2554
PCB-159	4.95e+07	1.24 y	1.31	46:02	1.000	0.995	1.005	50.0564
PCB-128/162	8.09e+07	1.25 y	1.09	46:20	1.007	1.002	1.012	97.7655
PCB-167	4.70e+07	1.26 y	1.29	46:43	1.000	0.995	1.005	48.3431
PCB-156	5.04e+07	1.23 y	1.32	48:00	1.000	0.995	1.005	50.2818
PCB-157	4.92e+07	1.25 y	1.34	48:16	1.000	0.995	1.005	47.9065
PCB-169	4.44e+07	1.27 y	1.21	50:28	1.000	0.995	1.005	49.1604
PCB-188	3.53e+07	1.06 y	1.61	42:49	1.000	0.995	1.005	51.4199
PCB-184	3.19e+07	1.07 y	1.46	43:16	1.011	1.006	1.016	51.1134
PCB-179	3.32e+07	1.09 y	1.49	44:03	1.029	1.024	1.034	52.3651
PCB-176	3.53e+07	1.07 y	1.58	44:30	1.040	1.035	1.045	52.2783
PCB-186	3.45e+07	1.08 y	1.54	45:07	1.054	1.049	1.059	52.5499
PCB-178	2.51e+07	1.08 y	1.16	45:36	1.065	1.061	1.071	50.8189
PCB-175	2.59e+07	1.08 y	1.17	45:57	1.074	1.069	1.079	51.6767
PCB-182/187	5.39e+07	1.07 y	1.25	46:08	1.078	1.073	1.083	100.590
PCB-183	2.88e+07	1.07 y	1.32	46:26	1.085	1.080	1.090	50.9544
PCB-185	2.49e+07	1.08 y	1.67	47:06	0.956	0.951	0.961	51.3243
PCB-174	2.05e+07	1.06 y	1.53	47:27	0.963	0.958	0.968	46.1488
PCB-181	2.78e+07	1.09 y	1.59	47:34	0.965	0.960	0.970	60.1417
PCB-177	2.21e+07	1.07 y	1.48	47:44	0.969	0.964	0.974	51.4614
PCB-171	2.66e+07	1.06 y	1.71	48:01	0.975	0.969	0.979	53.6381
PCB-173	2.10e+07	1.10 y	1.40	48:27	0.983	0.978	0.988	51.5659
PCB-172	2.40e+07	1.07 y	1.61	48:54	0.993	0.987	0.997	51.2699
PCB-192	3.13e+07	1.07 y	2.08	49:05	0.996	0.991	1.001	51.8067
PCB-180	2.46e+07	1.07 y	1.67	49:18	1.001	0.995	1.005	50.7938

Integrations by Analyst: MJ

Date: 11/14/17

Client ID: PCB CS3 17I0520 Filename: 171108E3 S:1 Acq:9-NOV-17 00:04:28 ConCal: ST171108E3-1
Lab ID: ST171108E3-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	3.27e+07	1.07 y	2.18	49:30	1.005	0.999	1.009	51.6365
	PCB-191	3.42e+07	1.08 y	2.22	49:45	1.010	1.005	1.015	52.9081
	PCB-170	2.37e+07	1.06 y	1.83	50:55	1.001	0.995	1.005	50.8617
	PCB-190	3.18e+07	1.07 y	2.48	51:06	1.004	0.999	1.009	50.3021
	PCB-189	3.12e+07	1.09 y	1.82	52:33	1.000	0.995	1.005	50.3116
	PCB-202	1.71e+07	0.92 y	1.15	48:14	1.000	0.995	1.005	51.5966
	PCB-201	1.90e+07	0.90 y	1.25	48:43	1.010	1.005	1.015	52.7702
	PCB-204	1.76e+07	0.95 y	1.21	48:52	1.013	1.009	1.019	50.5348
	PCB-197	1.94e+07	0.93 y	1.34	49:10	1.020	1.015	1.025	50.2404
	PCB-200	1.77e+07	0.92 y	1.22	50:05	1.039	1.034	1.044	50.3738
	PCB-198	1.30e+07	0.90 y	0.90	51:34	1.069	1.064	1.074	49.9055
	PCB-199	1.24e+07	0.93 y	0.85	51:41	1.072	1.067	1.077	50.6601
-	PCB-196/203	2.79e+07	0.91 y	0.96	51:58	1.078	1.072	1.082	100.849
-	PCB-195	3.09e+07	0.89 y	1.12	53:13	0.983	0.979	0.989	50.5305
	PCB-194	3.39e+07	0.91 y	1.26	54:07	1.000	0.995	1.005	49.4195
	PCB-205	4.42e+07	0.91 y	1.59	54:24	1.005	1.000	1.010	51.1414
	PCB-208	3.61e+07	1.34 y	1.09	53:23	1.000	0.995	1.005	50.0765
	PCB-207	3.68e+07	1.35 y	1.10	53:42	1.006	1.001	1.011	50.6606
	PCB-206	2.37e+07	1.33 y	0.94	55:41	1.000	0.995	1.005	49.4821
	PCB-209	3.13e+07	1.21 y	1.44	57:00	1.000	0.995	1.005	49.0666

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	2.05e+08	3.04 y	16:01	1.11	157.776	
Total Di-PCB	8.00e+08	1.60 y	20:02	1.19	641.100	
Total Tri-PCB	3.91e+08	1.09 y	24:10	1.27	416.165	
Total Tri-PCB	1.10e+09	1.06 y	27:52	1.23	844.506	Sum:1260.67
Total Tetra-PCB	2.10e+09	0.78 y	27:55	1.17	2225.68	
Total Penta-PCB	1.03e+09	1.62 y	32:37	1.37	2188.14	
Total Penta-PCB	2.67e+08	1.53 y	42:09	1.31	263.736	Sum:2451.88
Total Hexa-PCB	1.80e+08	1.32 y	37:01	1.10	727.440	
Total Hexa-PCB	1.13e+09	1.26 y	42:05	1.17	1402.81	Sum:2130.25
Total Hepta-PCB	6.84e+08	1.06 y	42:49	1.55	1244.83	
Total Octa-PCB	1.44e+08	0.92 y	48:14	1.09	456.931	
Total Octa-PCB	1.11e+08	0.89 y	53:13	1.33	153.558	Sum:610.489
Total Nona-PCB	9.71e+07	1.34 y	53:23	1.05	150.868	
Total Deca-PCB	3.13e+07	1.21 y	57:00	1.44	49.0666	

Total PCB Conc:10862.1358960

Integrations
by
Analyst: VM
Date: 11/14/17

Client ID: PCB CS3 17I0520 Filename: 171108E3 S:1 Acq:9-NOV-17 00:04:28 ConCal: ST171108E3-1
Lab ID: ST171108E3-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-1	1.13e+08	3.24 y	1.24	16:00	0.619	0.616-0.622	86.9	86.9
13C-PCB-3	1.19e+08	3.30 y	1.25	18:38	0.720	0.717-0.725	90.2	90.2
13C-PCB-4	7.27e+07	1.62 y	0.66	19:58	0.772	0.768-0.776	105	105
13C-PCB-9	1.11e+08	1.56 y	0.98	21:46	0.841	0.838-0.846	107	107
13C-PCB-11	1.09e+08	1.59 y	0.95	25:10	0.973	0.968-0.978	108	108
13C-PCB-19	6.02e+07	1.08 y	0.64	24:08	0.933	0.928-0.938	89.5	89.5
13C-PCB-28	1.08e+08	1.08 y	0.98	29:02	1.004	0.999-1.009	103	103
13C-PCB-32	8.10e+07	1.10 y	0.90	27:04	1.046	1.041-1.051	85.1	85.1
13C-PCB-37	1.03e+08	1.08 y	0.95	32:54	1.138	1.131-1.144	101	101
13C-PCB-47	7.52e+07	0.82 y	0.85	31:57	0.871	0.867-0.875	102	102
13C-PCB-52	6.91e+07	0.80 y	0.77	31:27	0.857	0.853-0.861	103	103
13C-PCB-54	9.07e+07	0.81 y	0.99	27:54	0.760	0.757-0.765	105	105
13C-PCB-70	8.56e+07	0.80 y	1.00	35:28	0.966	0.961-0.971	98.7	98.7
13C-PCB-77	8.42e+07	0.84 y	0.96	39:35	1.079	1.073-1.083	102	102
13C-PCB-80	8.82e+07	0.81 y	1.00	35:53	0.978	0.973-0.983	101	101
13C-PCB-81	8.92e+07	0.80 y	1.00	38:59	1.062	1.057-1.067	102	102
13C-PCB-95	3.22e+07	1.63 y	0.81	35:46	0.913	0.908-0.918	100	100
13C-PCB-97	2.75e+07	1.63 y	0.70	38:45	0.989	0.984-0.994	99.3	99.3
13C-PCB-101	3.25e+07	1.68 y	0.80	37:27	0.956	0.951-0.961	102	102
13C-PCB-104	4.14e+07	1.61 y	1.03	32:36	0.832	0.828-0.836	101	101
13C-PCB-105	7.58e+07	1.60 y	1.16	43:00	0.929	0.924-0.934	121	121
13C-PCB-114	7.64e+07	1.63 y	1.17	42:09	0.911	0.905-0.915	121	121
13C-PCB-118	4.01e+07	1.66 y	0.99	41:29	1.059	1.054-1.064	102	102
13C-PCB-123	3.83e+07	1.63 y	0.95	41:18	1.054	1.049-1.059	101	101
13C-PCB-126	7.49e+07	1.60 y	1.16	45:14	0.977	0.972-0.982	119	119
13C-PCB-127	8.27e+07	1.57 y	1.25	43:20	0.936	0.931-0.941	122	122
13C-PCB-138	6.21e+07	1.30 y	1.15	44:45	0.967	0.961-0.971	100	100
13C-PCB-141	5.96e+07	1.29 y	1.08	43:54	0.949	0.943-0.953	102	102
13C-PCB-153	6.95e+07	1.28 y	1.28	43:10	0.933	0.928-0.938	100	100
13C-PCB-155	2.24e+07	1.28 y	0.75	36:59	0.944	0.939-0.949	75.6	75.6
13C-PCB-156	7.62e+07	1.30 y	1.37	47:59	1.037	1.032-1.042	102	102
13C-PCB-157	7.67e+07	1.27 y	1.38	48:15	1.042	1.038-1.048	103	103
13C-PCB-159	7.56e+07	1.31 y	1.38	46:01	0.994	0.989-0.999	101	101
13C-PCB-167	7.52e+07	1.30 y	1.39	46:42	1.009	1.004-1.014	99.9	99.9
13C-PCB-169	7.45e+07	1.30 y	1.38	50:28	1.090	1.085-1.095	100	100
13C-PCB-170	2.55e+07	0.48 y	0.84	50:53	1.103	1.097-1.109	99.7	99.7
13C-PCB-180	2.91e+07	0.46 y	0.96	49:16	1.068	1.063-1.073	99.1	99.1
13C-PCB-188	4.27e+07	0.46 y	1.39	42:48	0.928	0.923-0.933	101	101
13C-PCB-189	3.41e+07	0.46 y	1.12	52:32	1.139	1.132-1.144	100	100
13C-PCB-194	5.43e+07	0.92 y	0.76	54:07	0.995	0.990-1.000	97.7	97.7
13C-PCB-202	2.88e+07	0.93 y	1.21	48:13	1.046	1.040-1.050	77.9	77.9
13C-PCB-206	5.11e+07	0.80 y	0.78	55:41	1.024	1.019-1.029	89.6	89.6
13C-PCB-208	6.62e+07	0.78 y	1.08	53:22	0.981	0.976-0.986	84.3	84.3
13C-PCB-209	4.42e+07	1.21 y	0.73	56:59	1.048	1.043-1.053	82.8	82.8

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	8.85e+07	0.82 y	1.02	37:46	1.029	1.024-1.034	100	100
13C-PCB-178	2.79e+07	0.46 y	0.90	45:35	0.985	0.980-0.990	101	101

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	8.85e+07	0.82 y	1.01	37:46	0.969	0.963-0.973	97.8	97.8
13C-PCB-178	2.79e+07	0.46 y	0.94	45:35	0.925	0.920-0.930	102	102

RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	1.06e+08	1.57	y	1.00	25:52	100
13C-PCB-31	1.07e+08	1.07	y	1.00	28:55	100
13C-PCB-60	8.67e+07	0.82	y	1.00	36:42	100
13C-PCB-111	3.96e+07	1.66	y	1.00	39:11	100
13C-PCB-128	5.41e+07	1.29	y	1.00	46:17	100
13C-PCB-182	3.05e+07	0.46	y	1.00	46:07	100
13C-PCB-205	7.30e+07	0.92	y	1.00	54:23	100

Analyst: MJ

Date: 11/14/17

Vista Analytical Laboratory - Injection Log Run file: 171108E3 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
171108E3	1	ST171108E3-1	MAS	9-NOV-17	00:04:28	ST171108E3-1	NA
171108E3	2	SOLVENT BLANK	MAS	9-NOV-17	01:09:39	ST171108E3-1	NA
171108E3	3	1700921-04	MAS	9-NOV-17	02:14:49	ST171108E3-1	NA
171108E3	4	1700921-05	MAS	9-NOV-17	03:20:05	ST171108E3-1	NA
171108E3	5	1700930-01	MAS	9-NOV-17	04:25:15	ST171108E3-1	NA
171108E3	6	1700930-02	MAS	9-NOV-17	05:30:25	ST171108E3-1	NA
171108E3	7	1700932-01	MAS	9-NOV-17	06:35:34	ST171108E3-1	NA
171108E3	8	SOLVENT BLANK	MAS	9-NOV-17	07:40:48	ST171108E3-1	NA

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST171108E3-1

Reviewed By: CT 12/1/17
Initials & Date

End Calibration ID: NA

	Beg.	End
Ion abundance within QC limits?	✓	NA
Concentrations within criteria?	✓	
TCDD/TCDF Valleys <25%	NA	
First and last eluters present?	✓	
Retention Times within criteria?	✓	
Verification Std. named correctly? (ST-Year-Month-Day-VG ID)	✓	
Forms signed and dated?	✓	
Correct ICAL referenced?	MJ	

Run Log:

- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	Y	N
- Bottle position verfied?	MJ	

	Beg.	End
Mass resolution ≥	✓	✓

☐ 5k ☐ 6-8K ☐ 8K ☒ 10K
1614 1699 429 1613/1668/8280

Intergrated peaks display correctly?	✓	NA

GC Break <20% NA

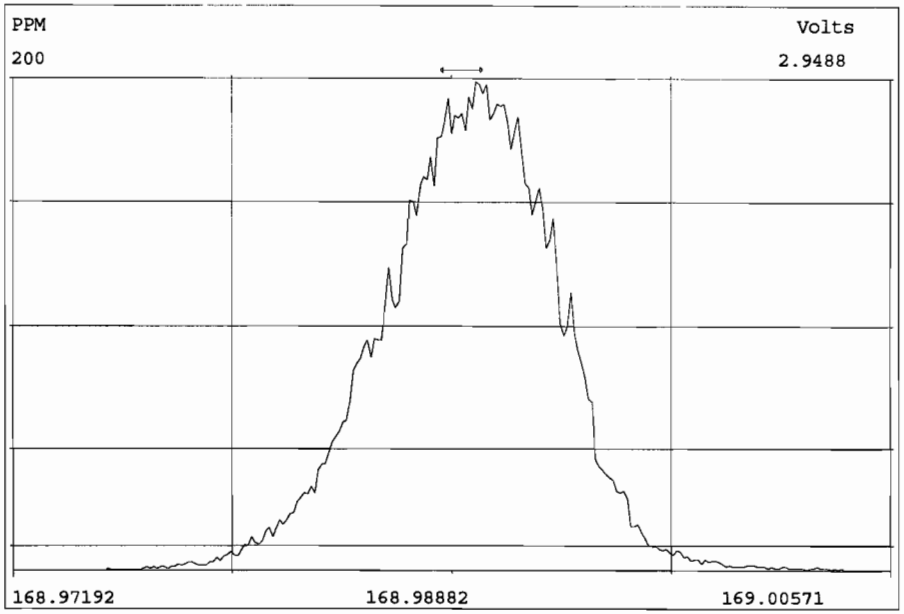
8280 CS1 End Standard:

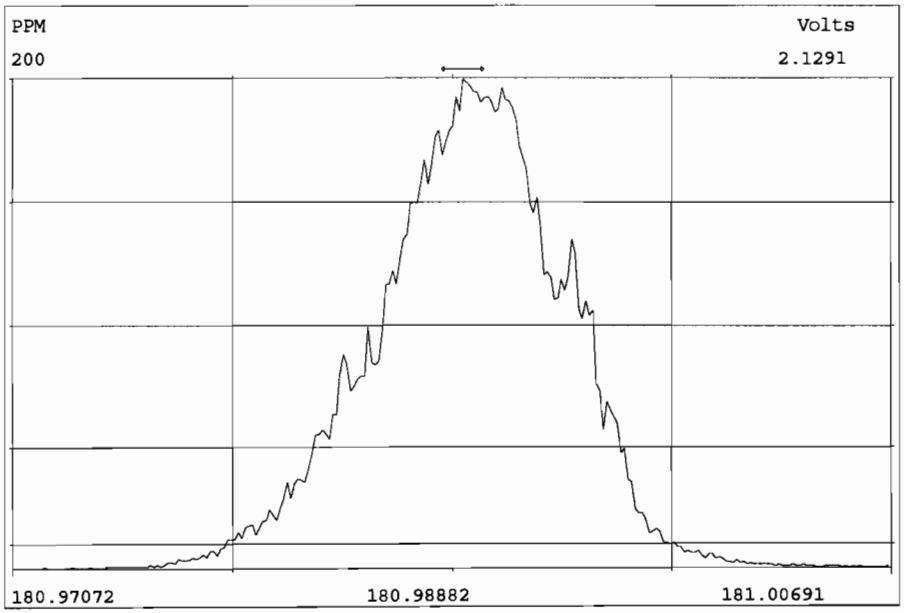
- Ratios within limits, S/N <2.5:1, CS1 within 12 hours NA

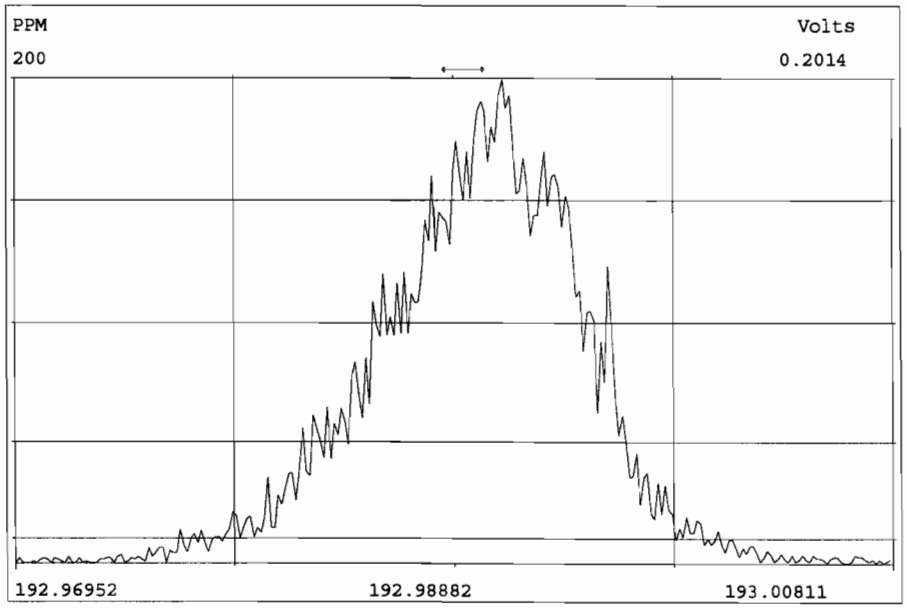
Comments:

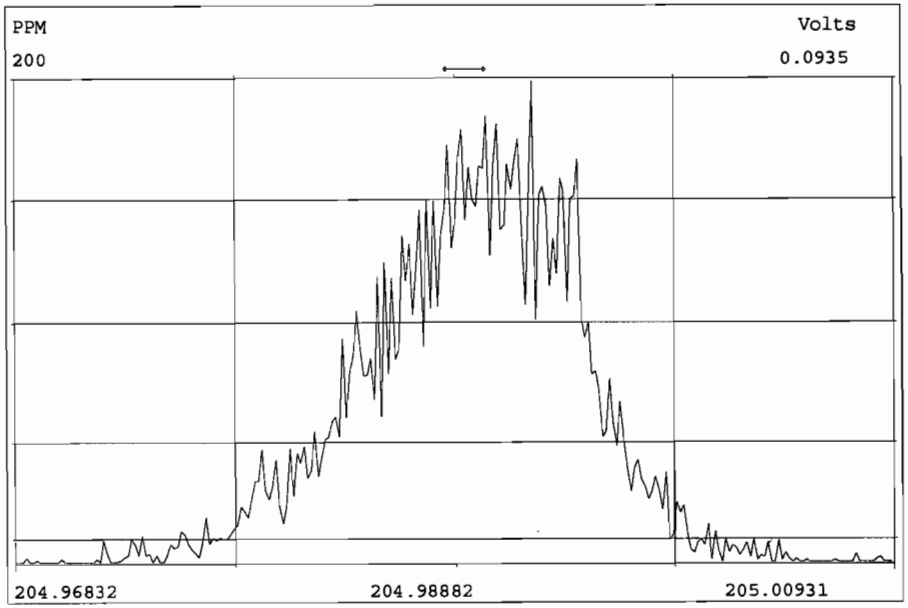
Peak Locate Examination: 8-NOV-2017:23:59 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



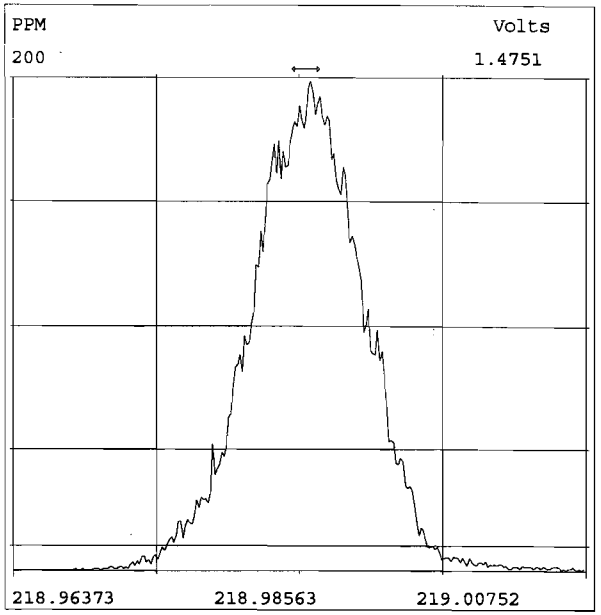


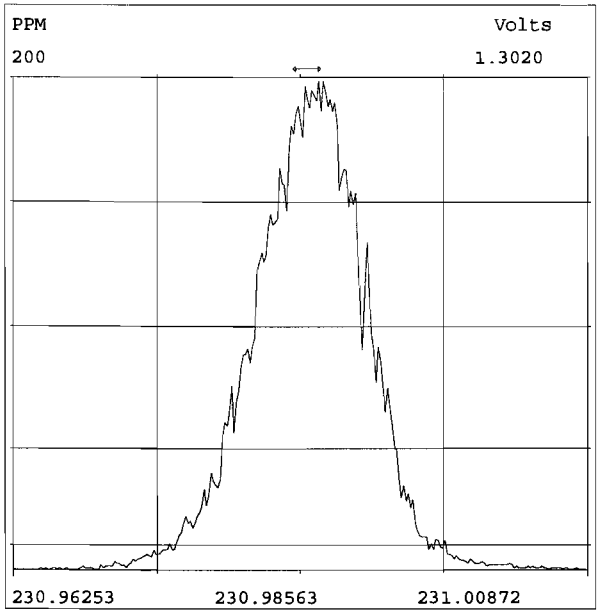


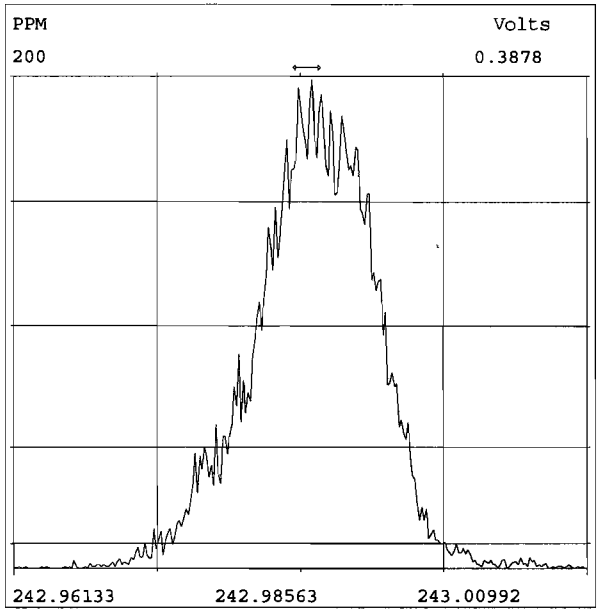


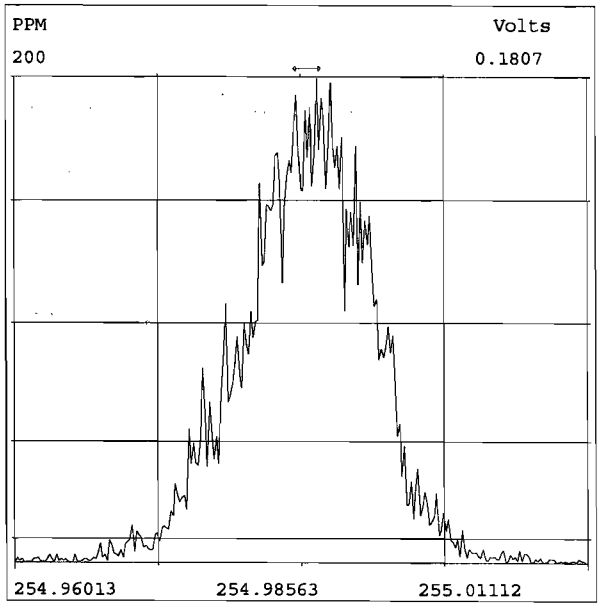
Peak Locate Examination: 9-NOV-2017:00:00 File:RES_CHECK

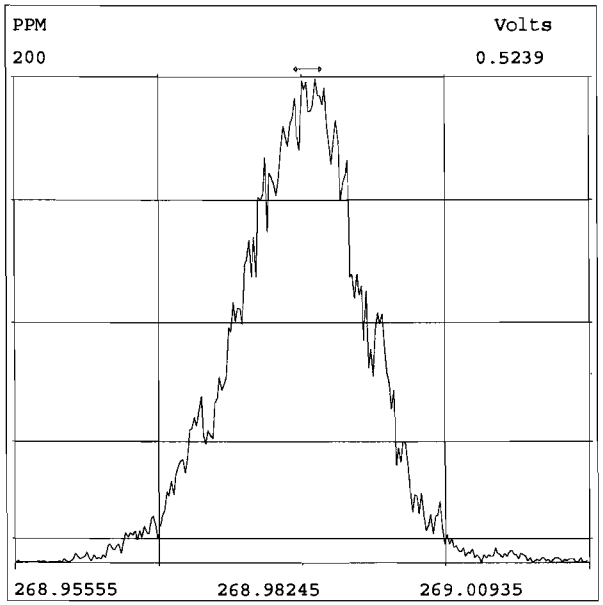
Experiment:PCB_ZB1 Function:2 Reference:PFK

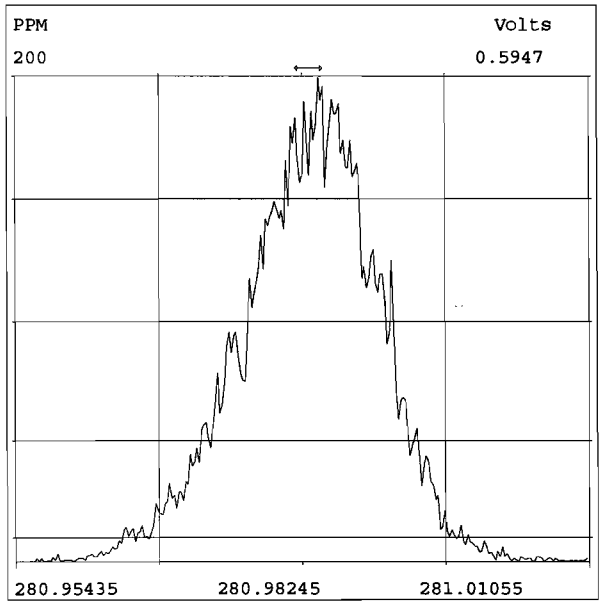






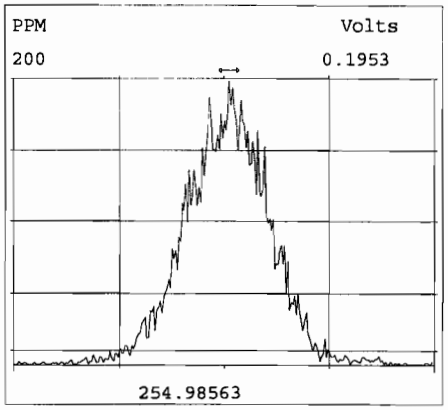


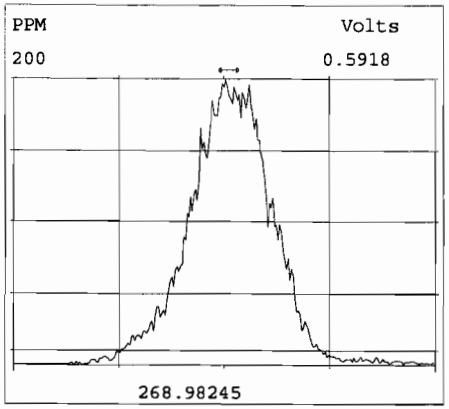


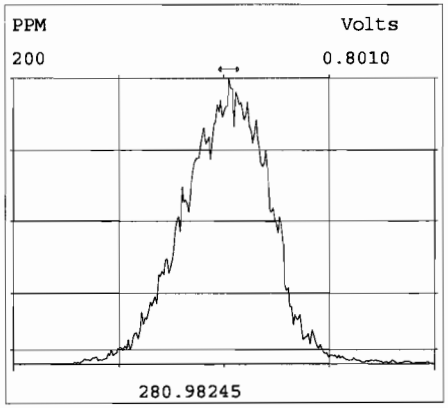


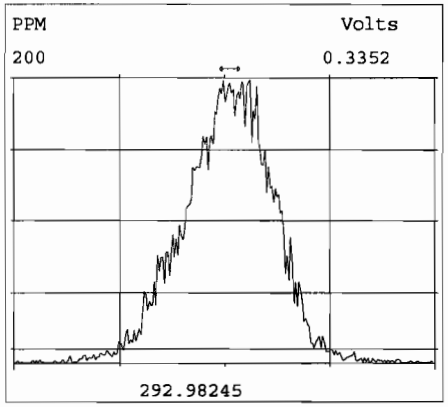
Peak Locate Examination: 9-NOV-2017:00:01 File:RES_CHECK

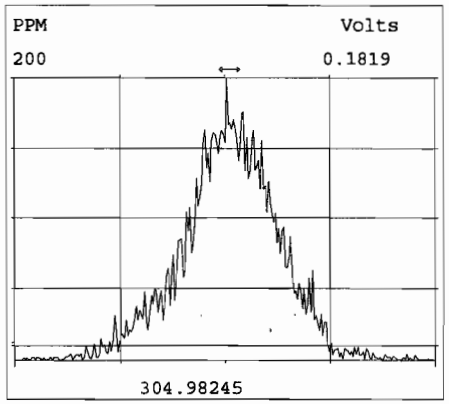
Experiment:PCB_ZB1 Function:3 Reference:PFK

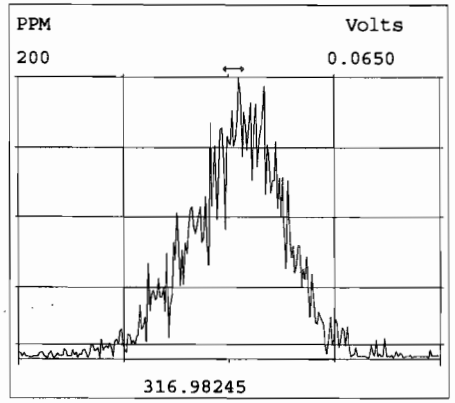


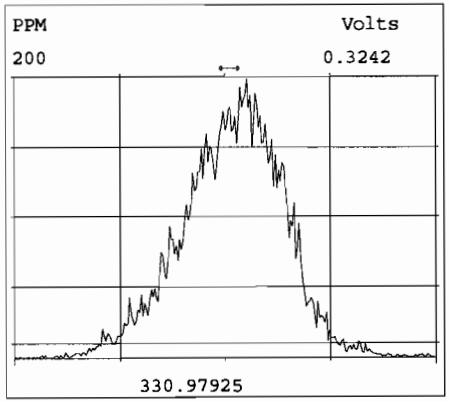


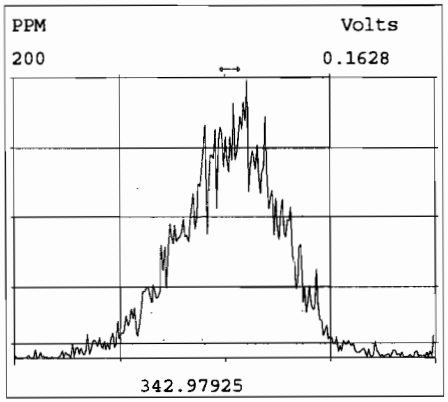


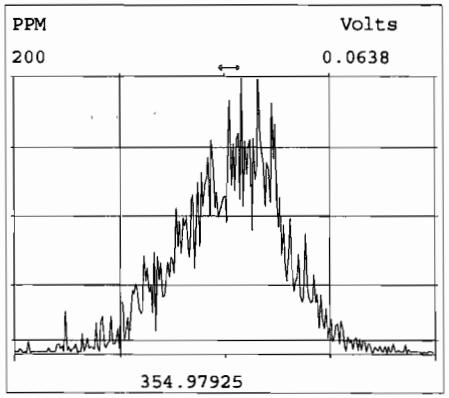


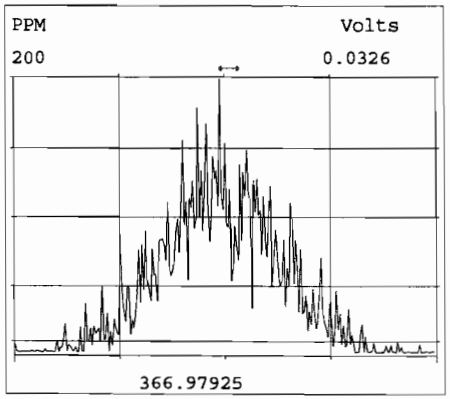


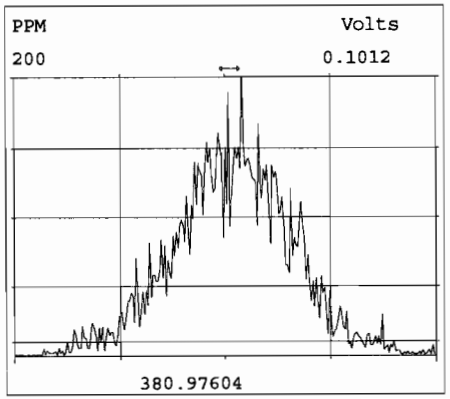






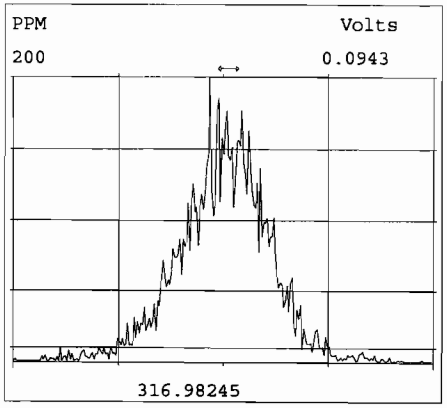


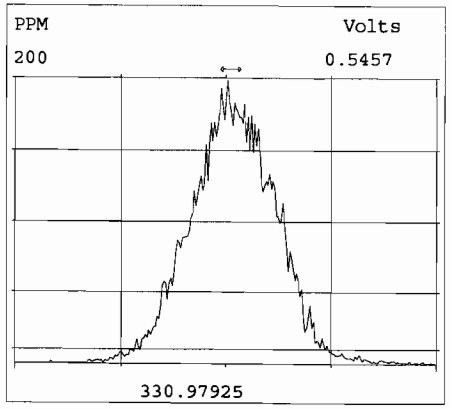


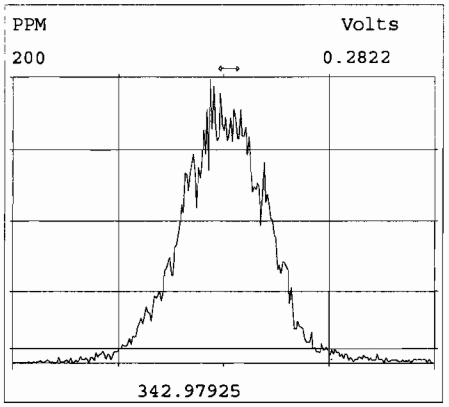


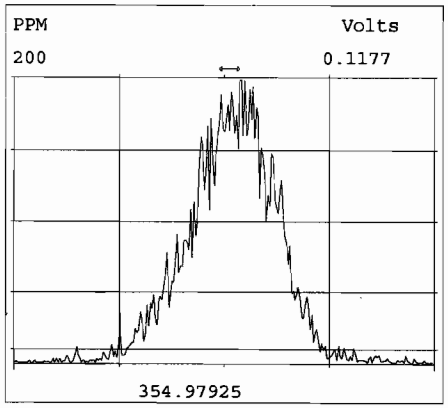
Peak Locate Examination: 9-NOV-2017:00:02 File:RES_CHECK

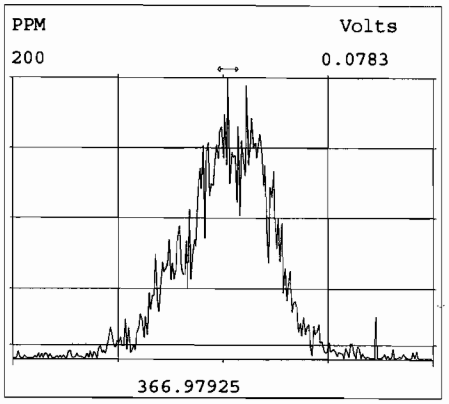
Experiment:PCB_ZB1 Function:4 Reference:PFK

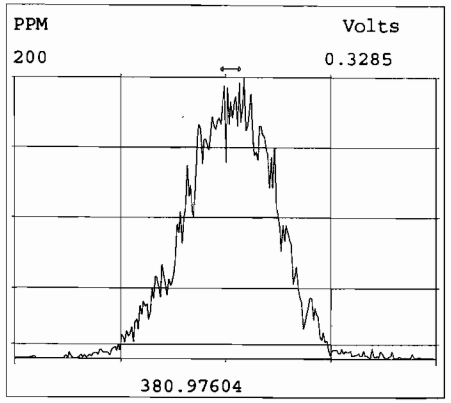


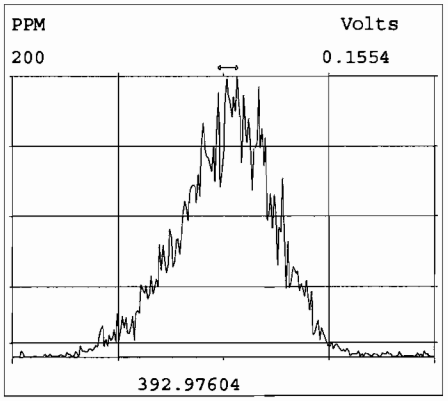


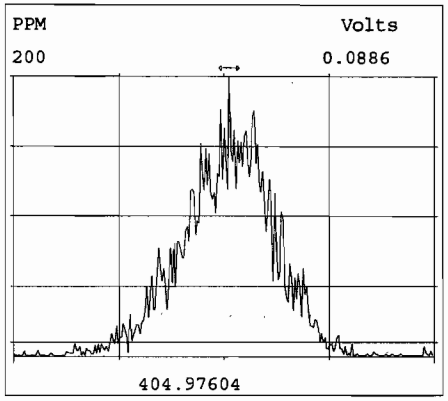


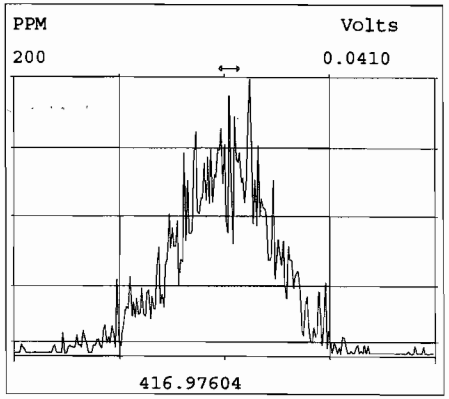


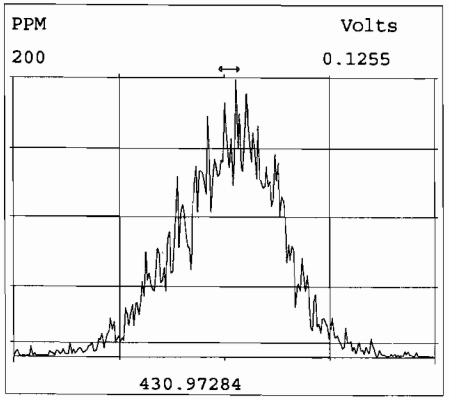


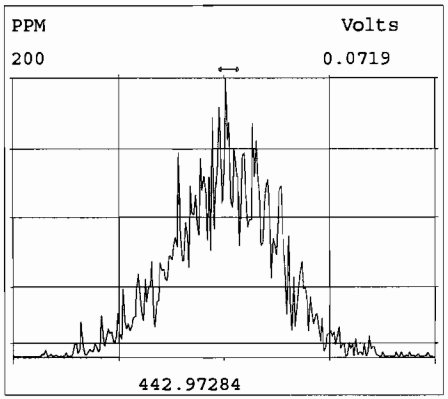






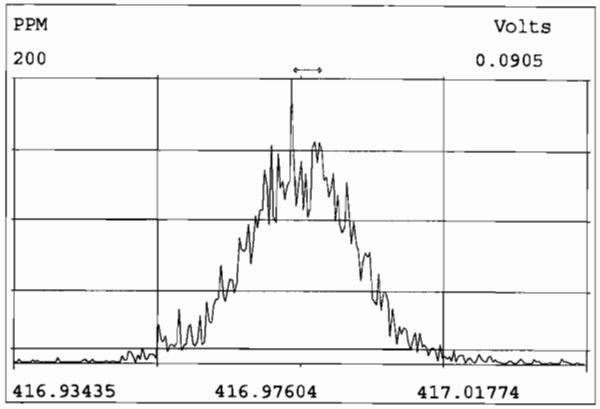


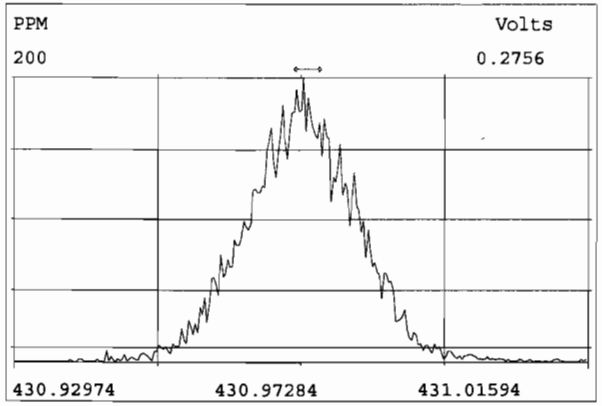


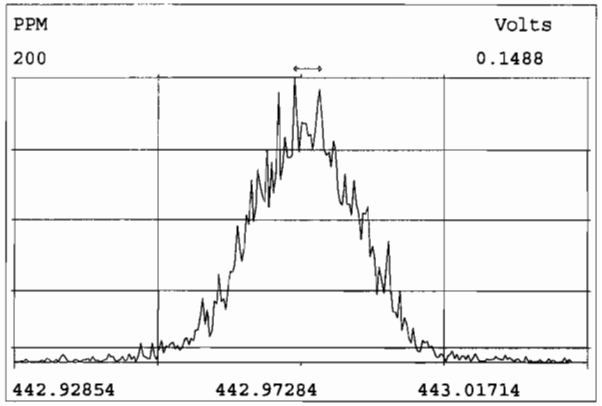


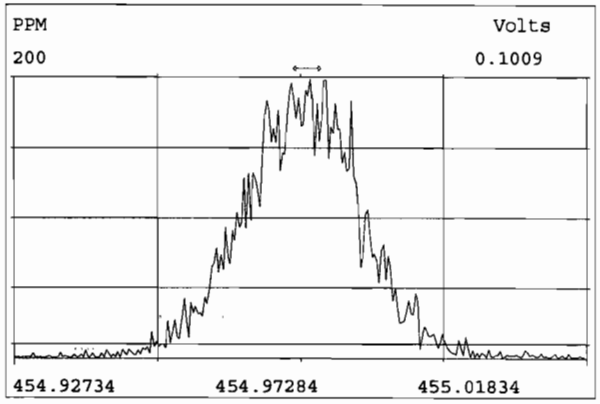
Peak Locate Examination: 9-NOV-2017:00:03 File:RES_CHECK

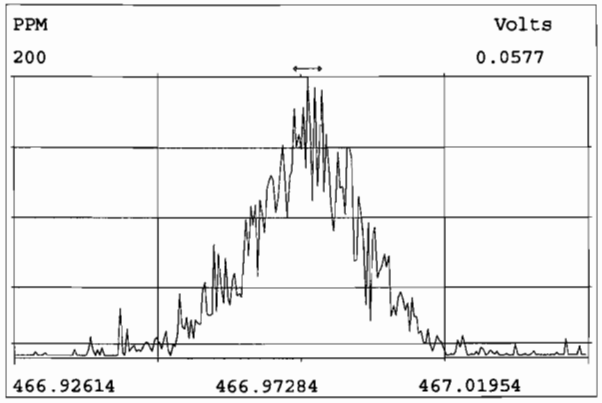
Experiment:PCB_ZB1 Function:5 Reference:PFK

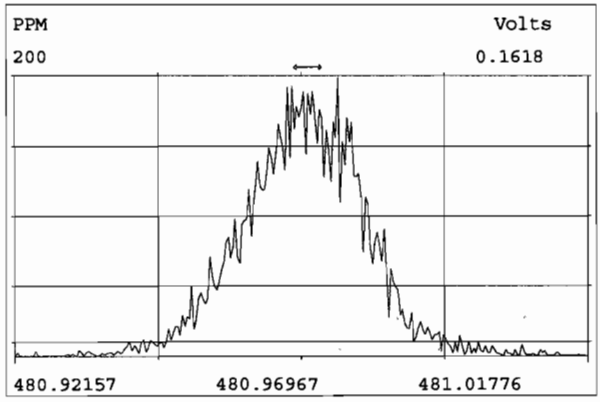


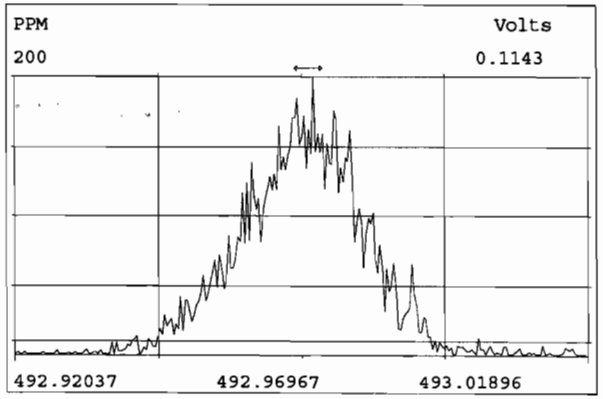


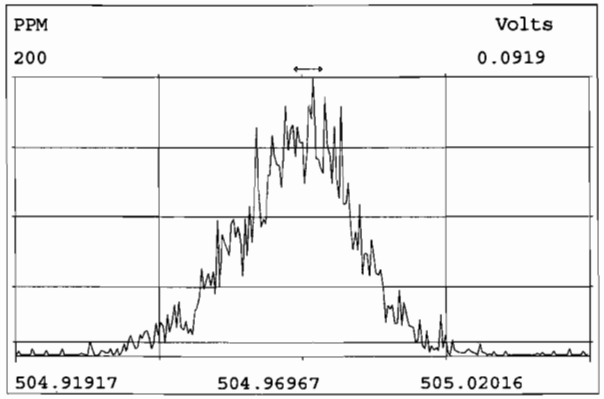


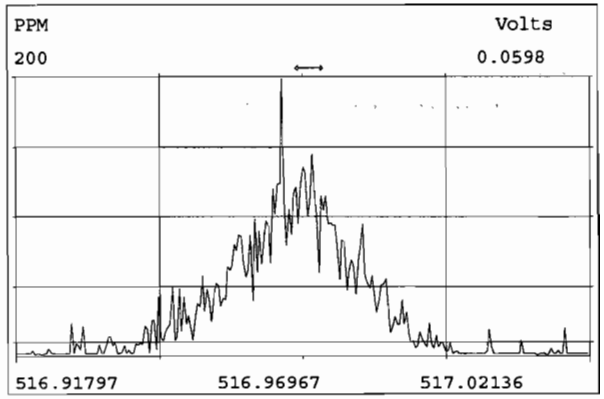






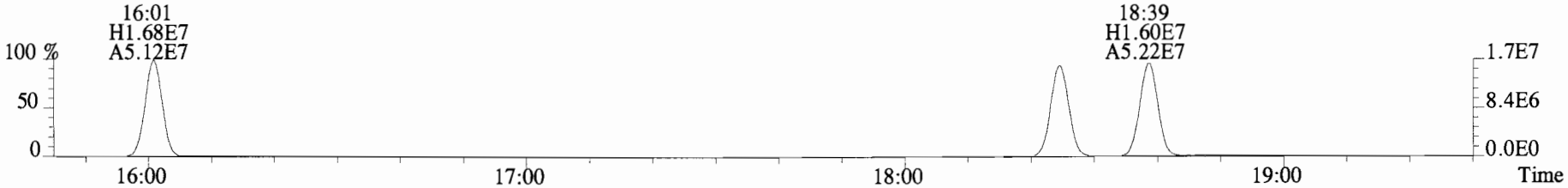




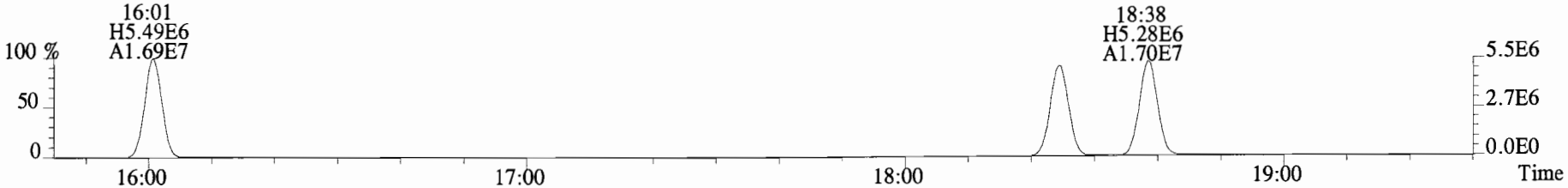


File:171108E3 #1-867 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1

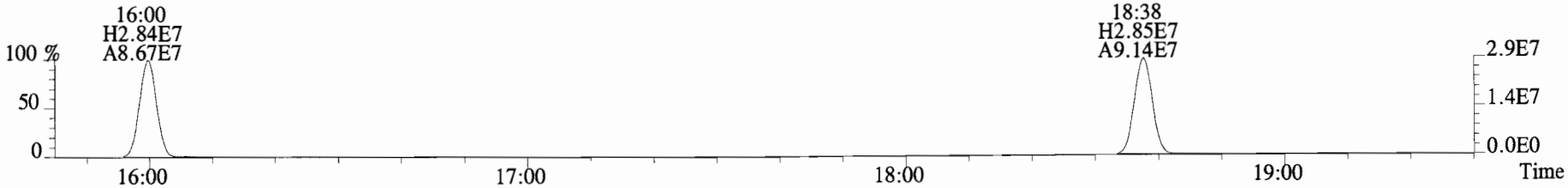
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6240.0,0.00%,F,F)



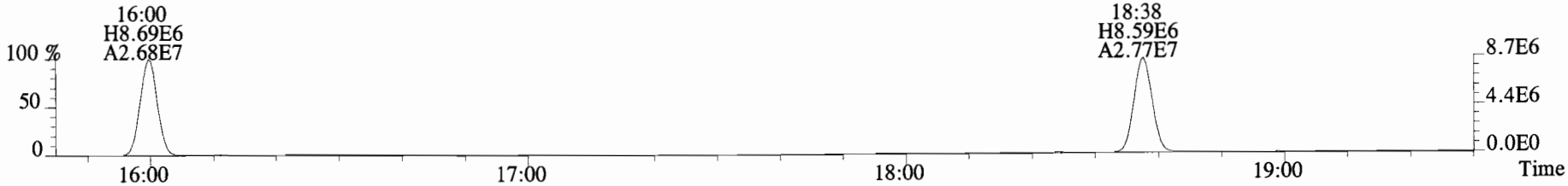
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4532.0,0.00%,F,F)



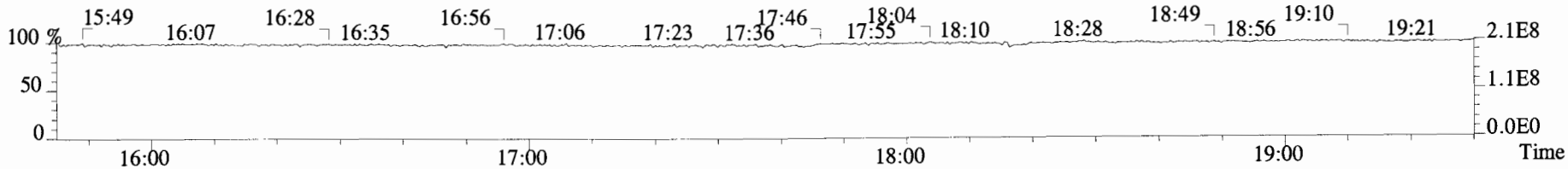
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



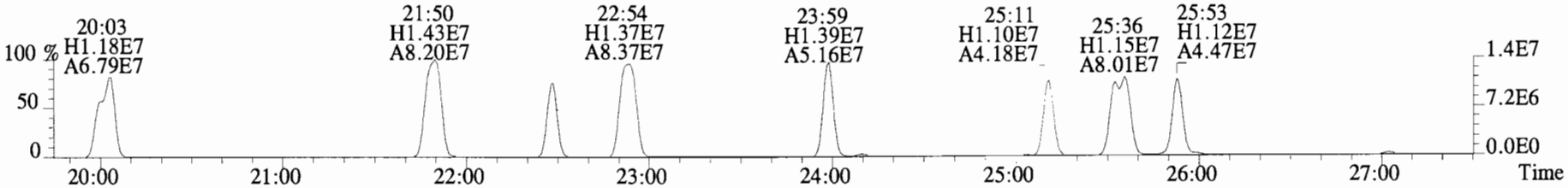
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18148.0,0.00%,F,F)



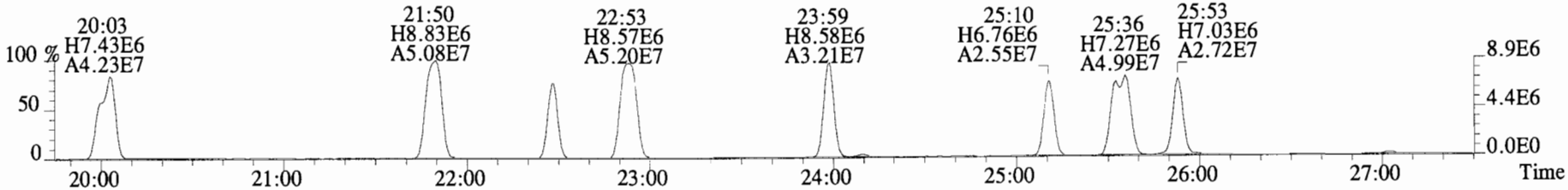
180.9880



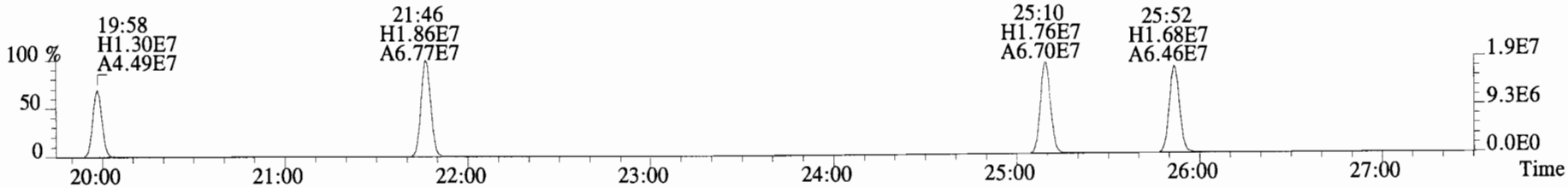
File:171108E3 #1-757 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6832.0,0.00%,F,F)



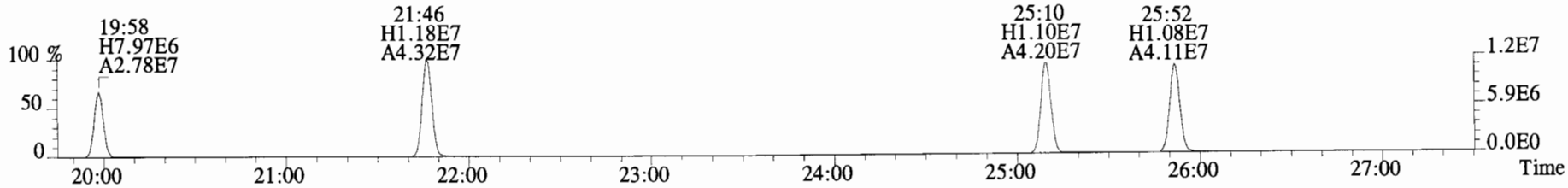
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44016.0,0.00%,F,F)



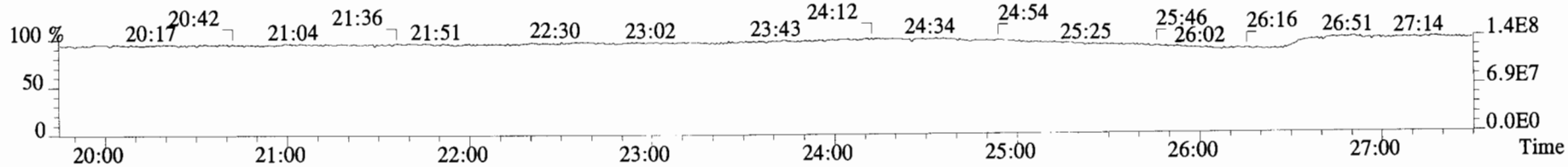
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4432.0,0.00%,F,F)



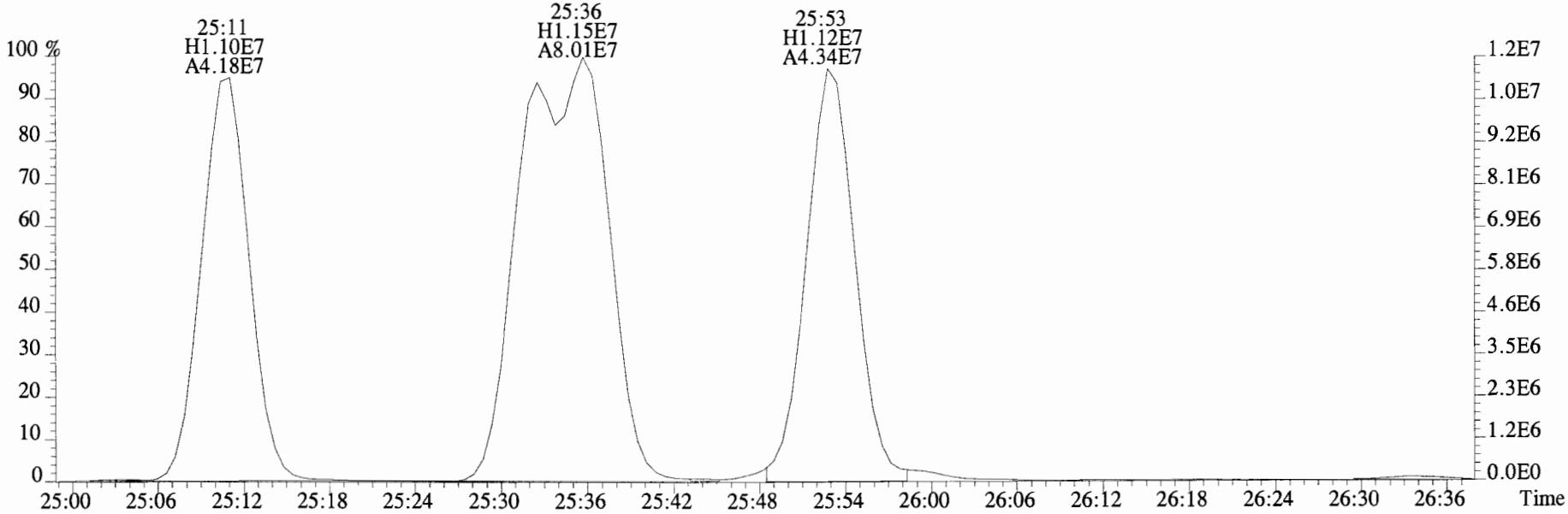
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4376.0,0.00%,F,F)



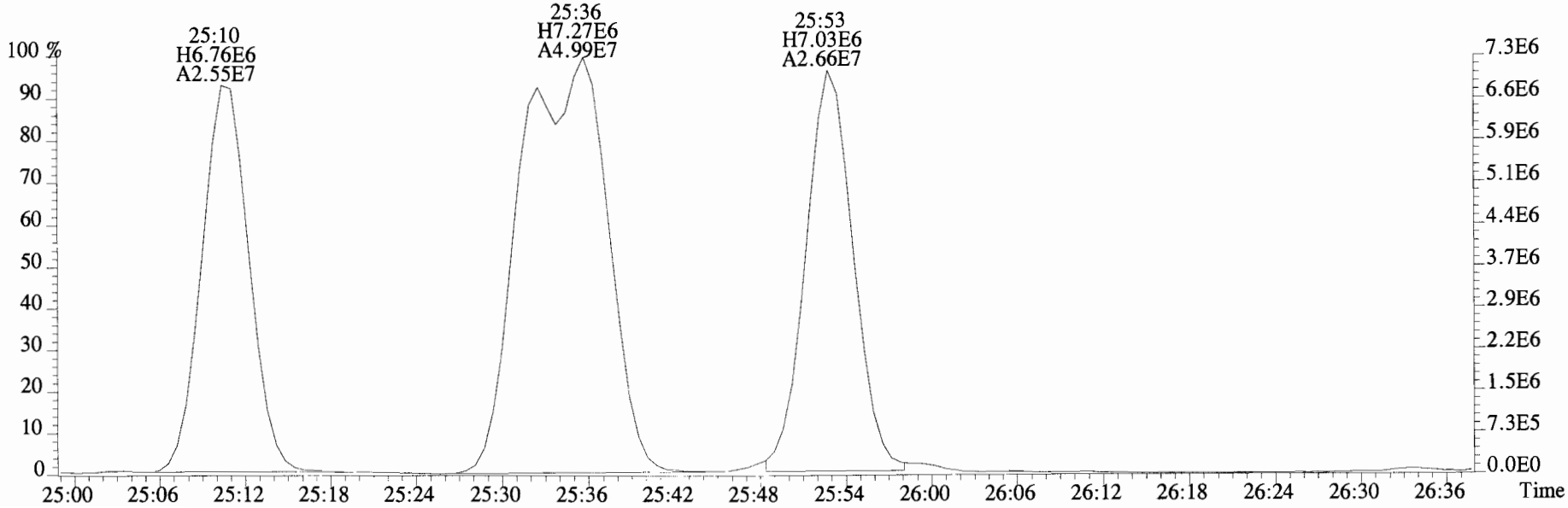
230.9856 F:2



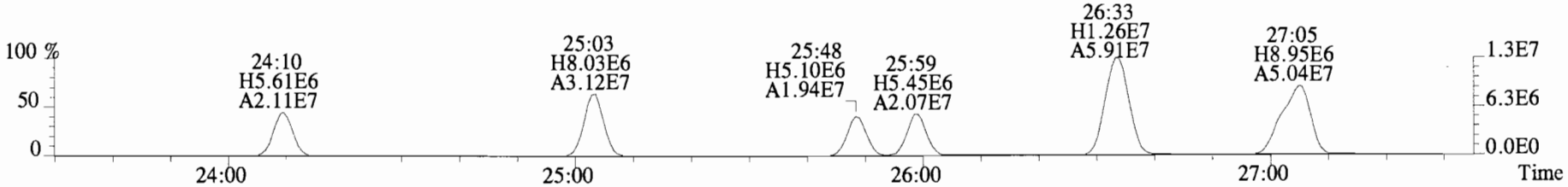
File:171108E3 #1-757 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6832.0,0.00%,F,F)



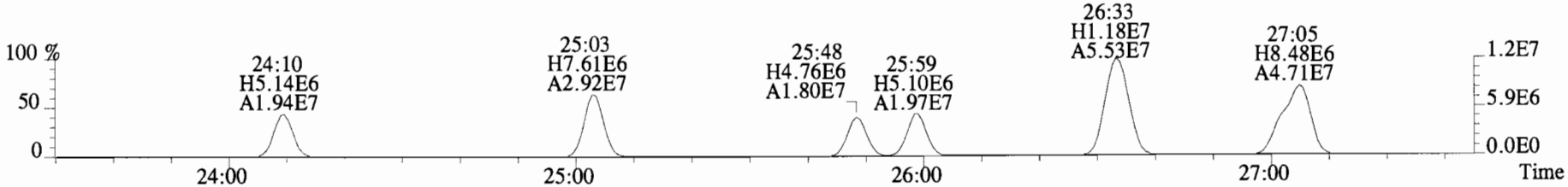
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44016.0,0.00%,F,F)



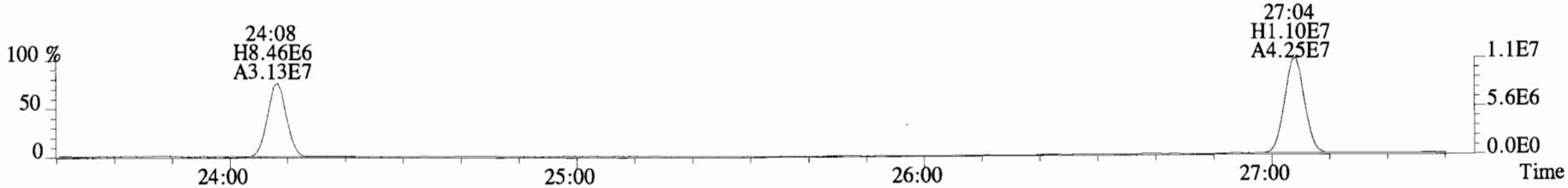
File:171108E3 #1-757 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4088.0,0.00%,F,F)



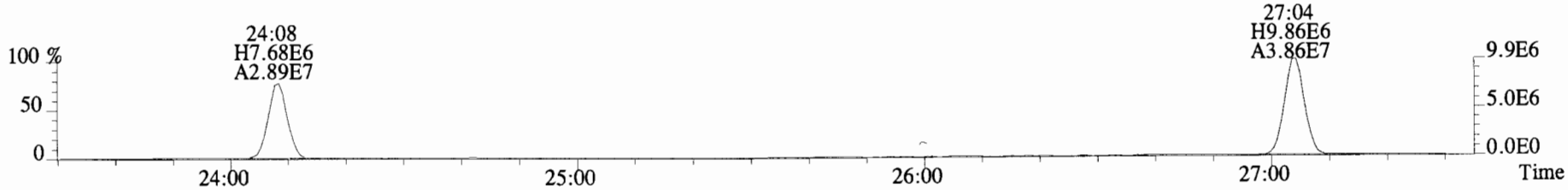
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2752.0,0.00%,F,F)



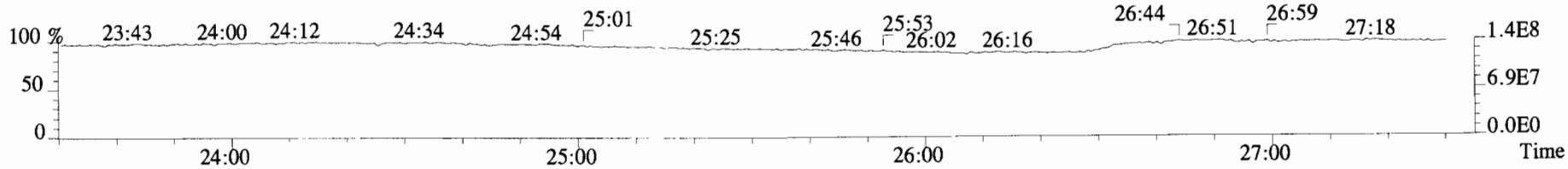
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,112404.0,0.00%,F,F)



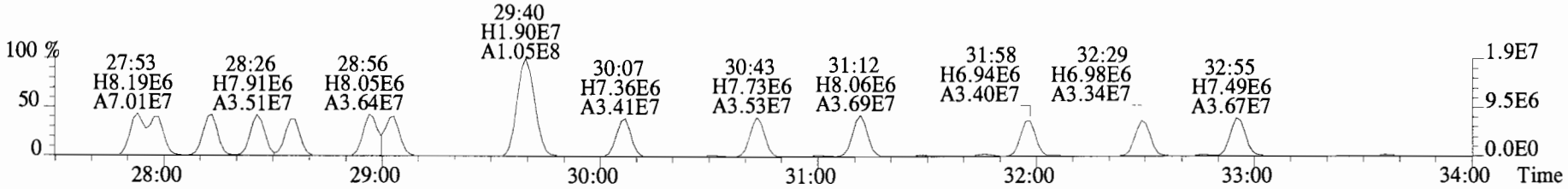
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,76252.0,0.00%,F,F)



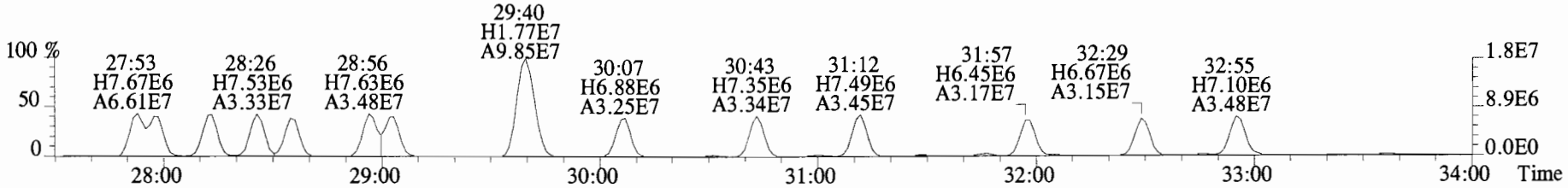
230.9856 F:2



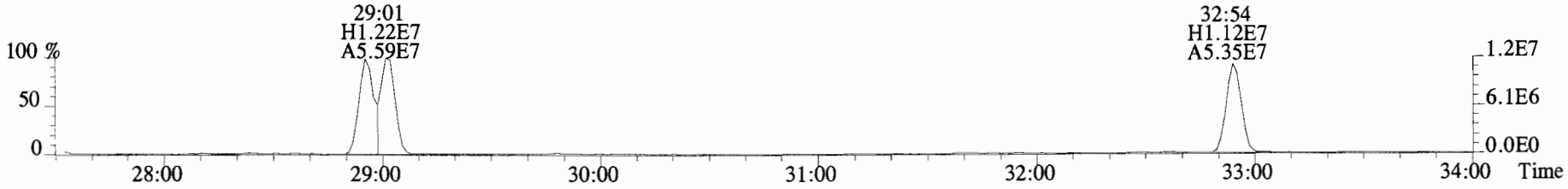
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14936.0,0.00%,F,F)



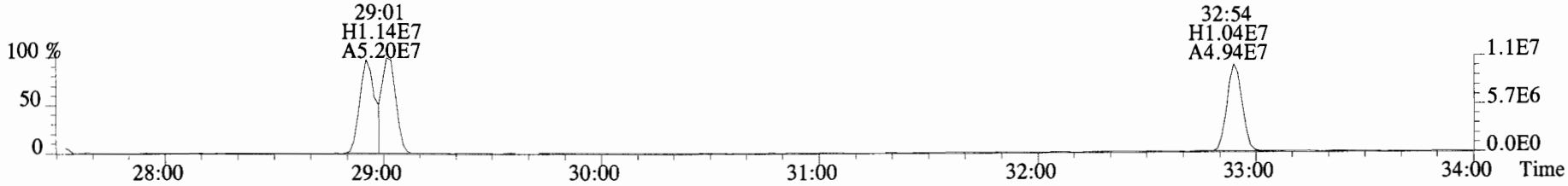
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18092.0,0.00%,F,F)



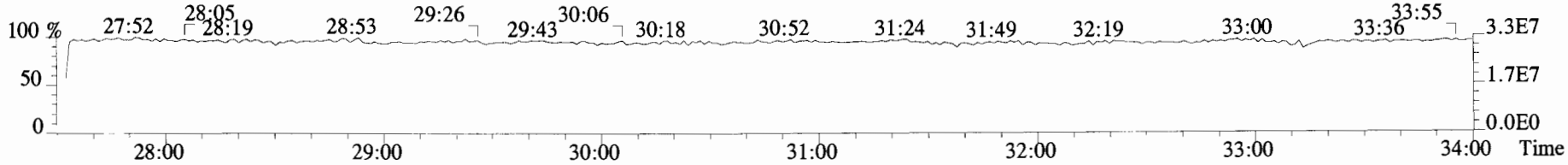
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,104152.0,0.00%,F,F)



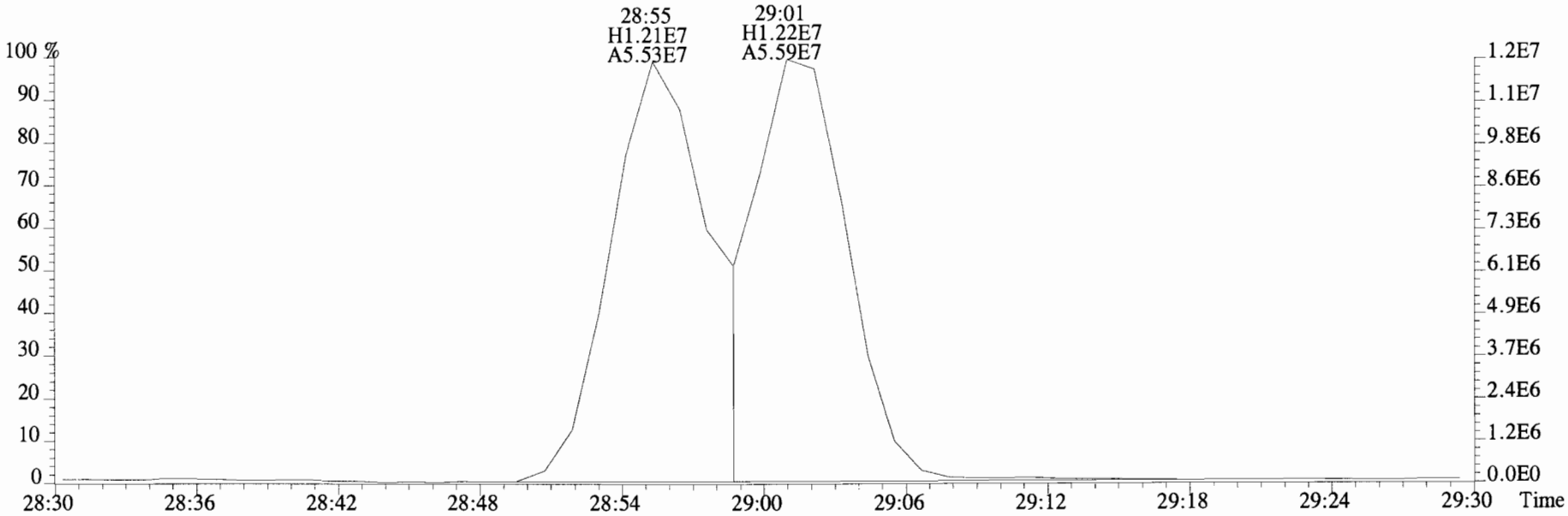
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58012.0,0.00%,F,F)



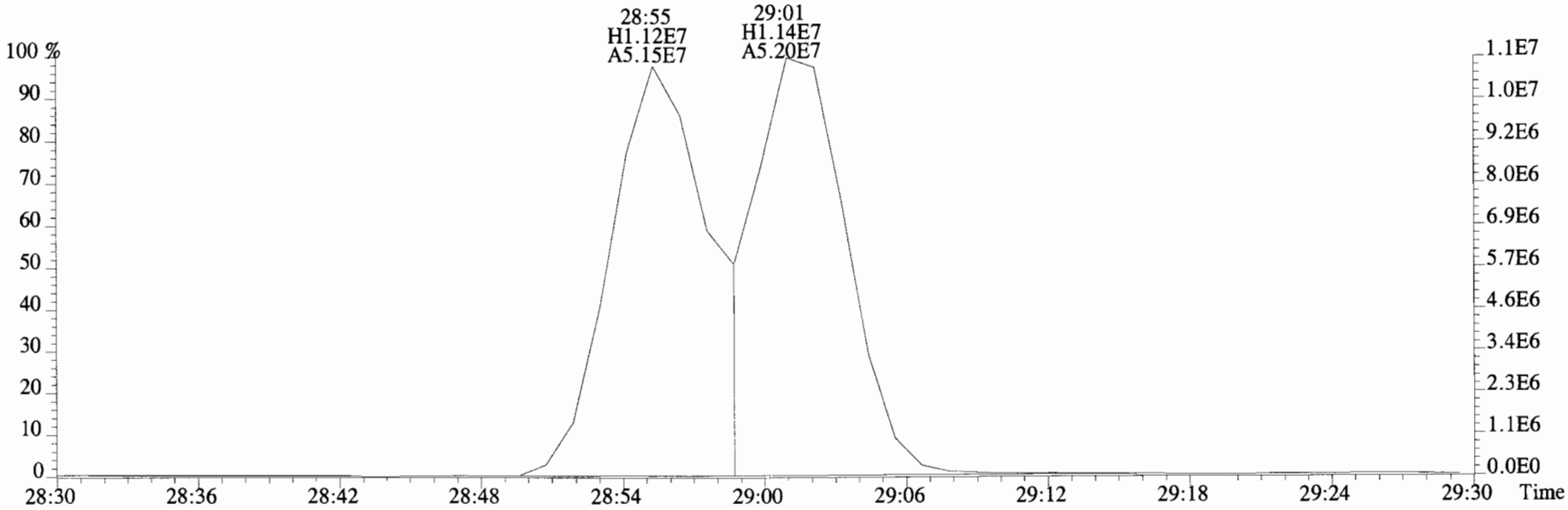
330.9792 F:3



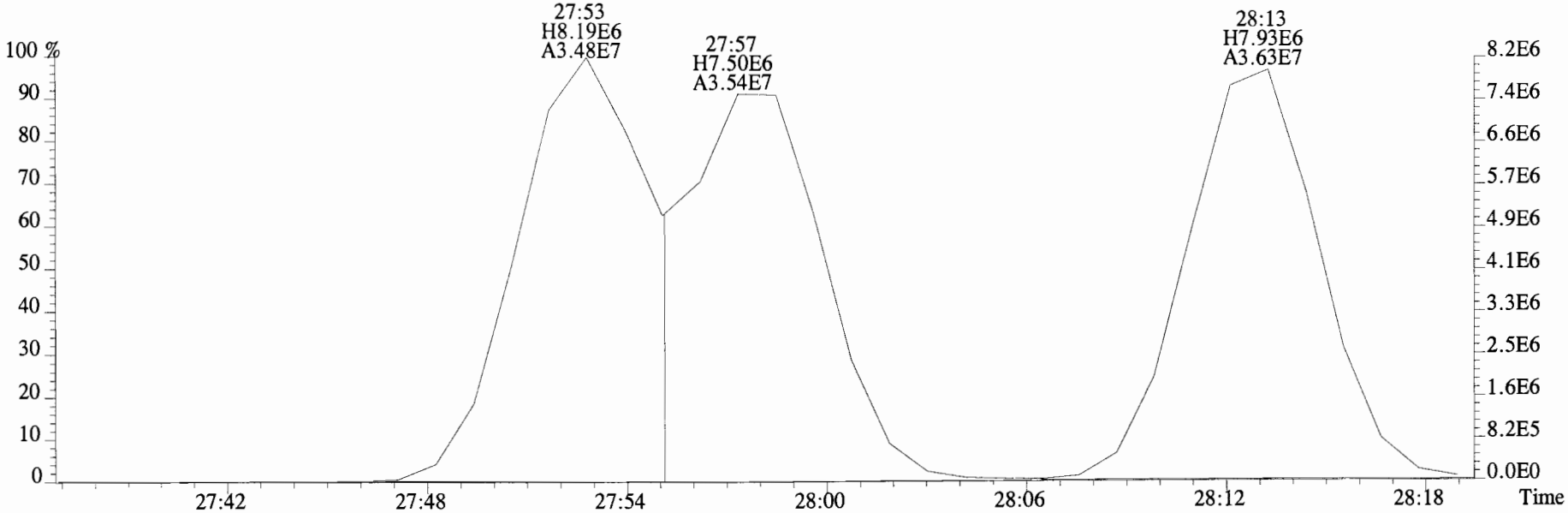
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,104152.0,0.00%,F,F)



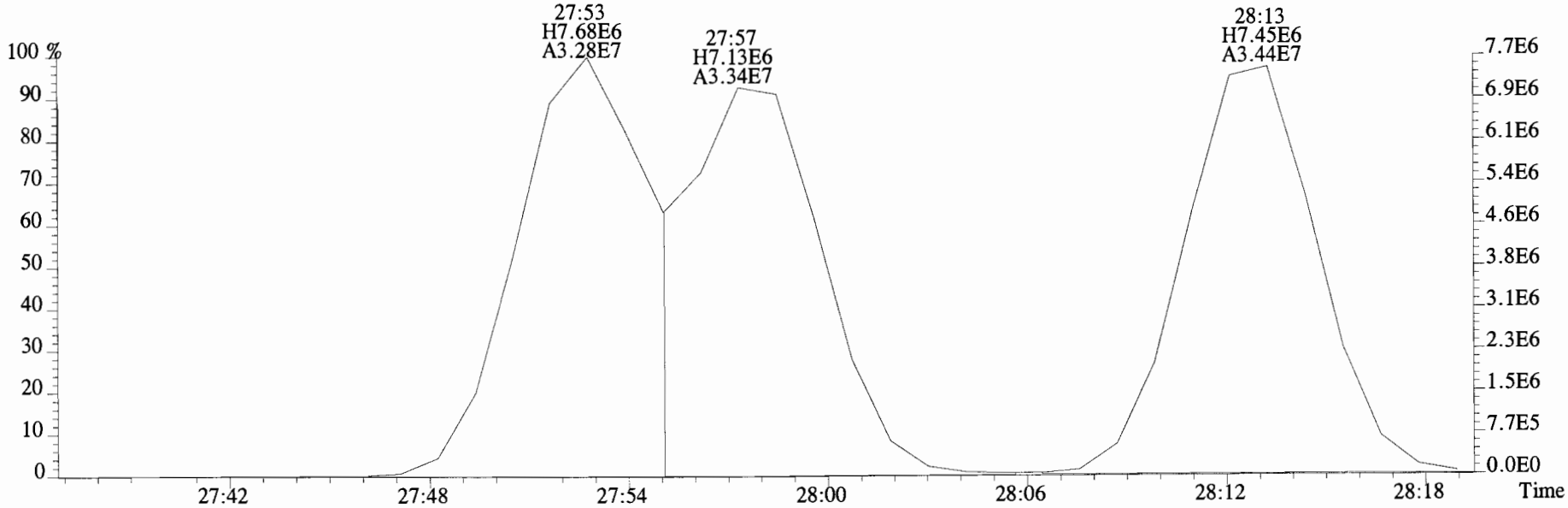
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58012.0,0.00%,F,F)



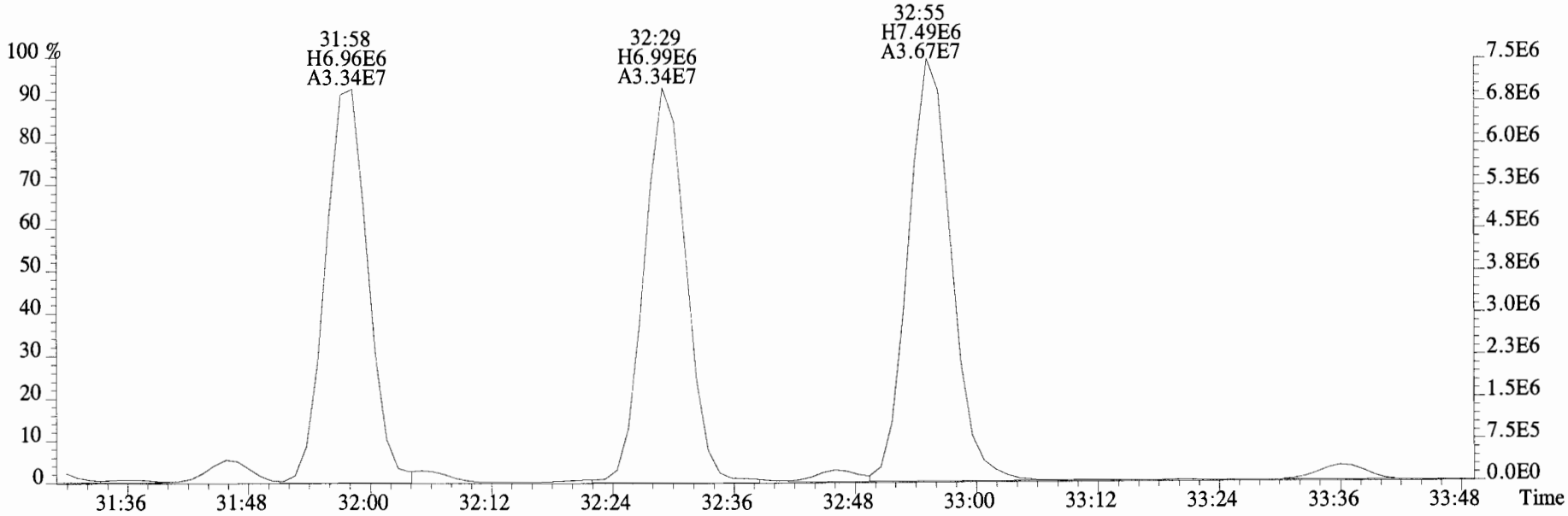
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14936.0,0.00%,F,F)



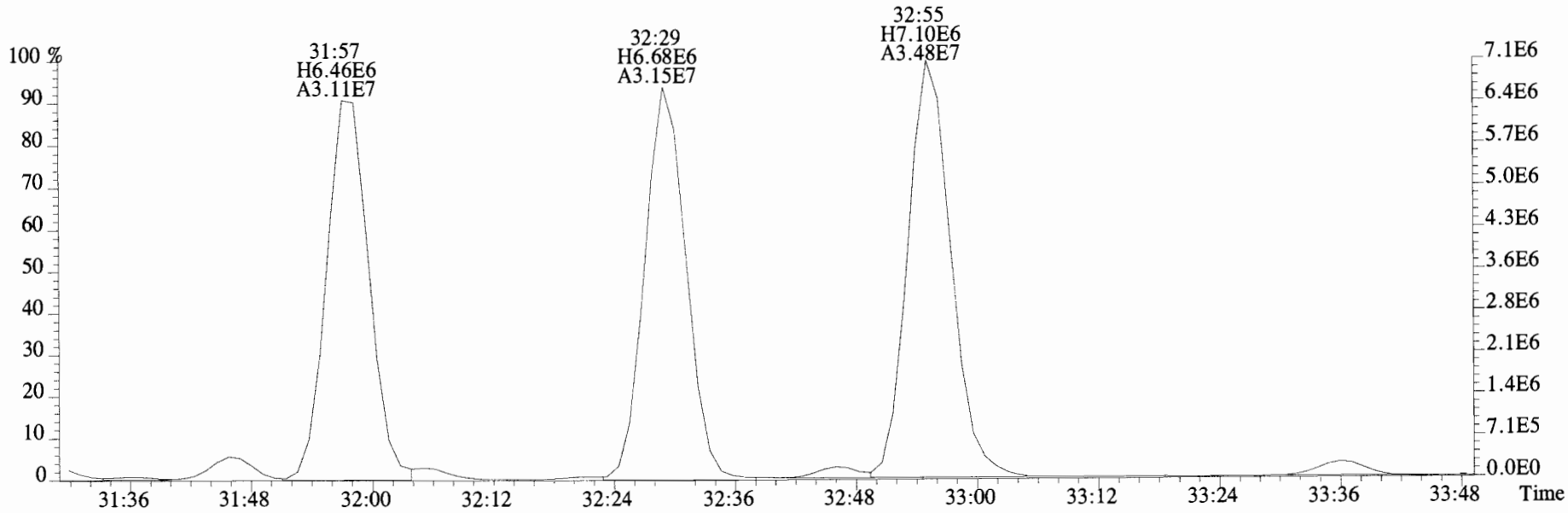
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18092.0,0.00%,F,F)



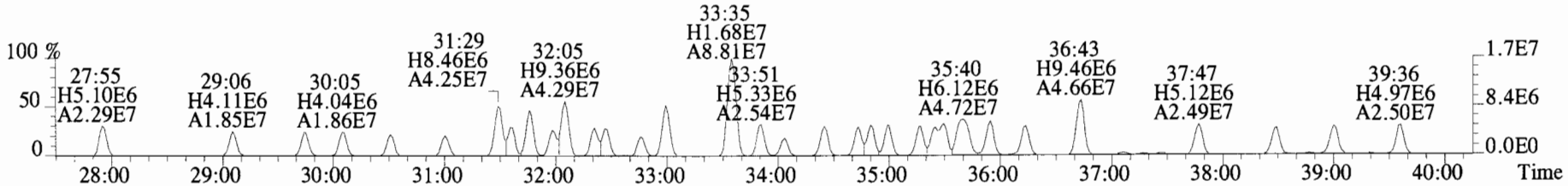
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14936.0,0.00%,F,F)



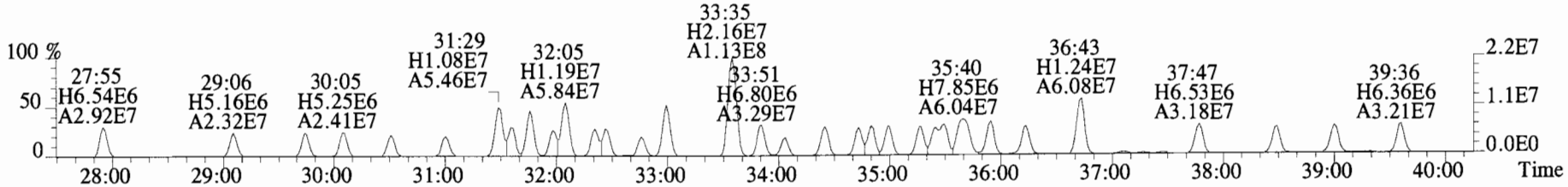
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18092.0,0.00%,F,F)



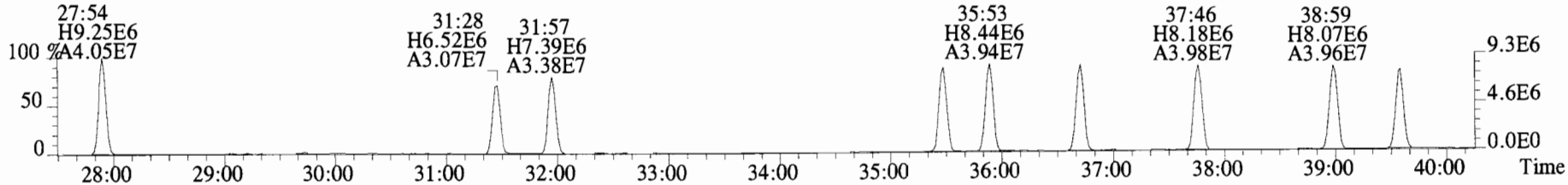
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16528.0,0.00%,F,F)



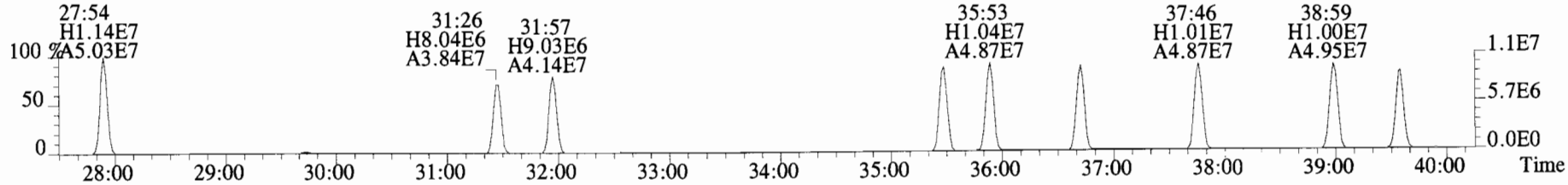
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20752.0,0.00%,F,F)



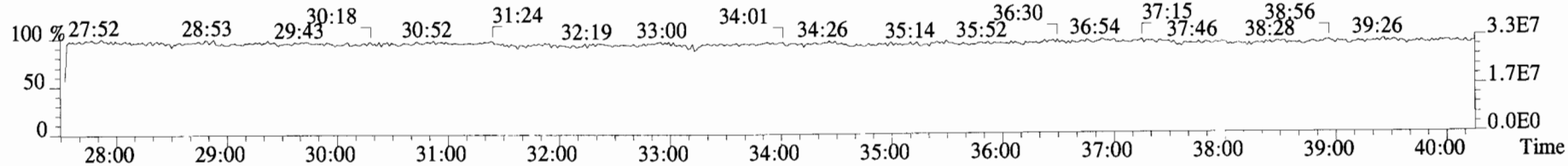
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30340.0,0.00%,F,F)



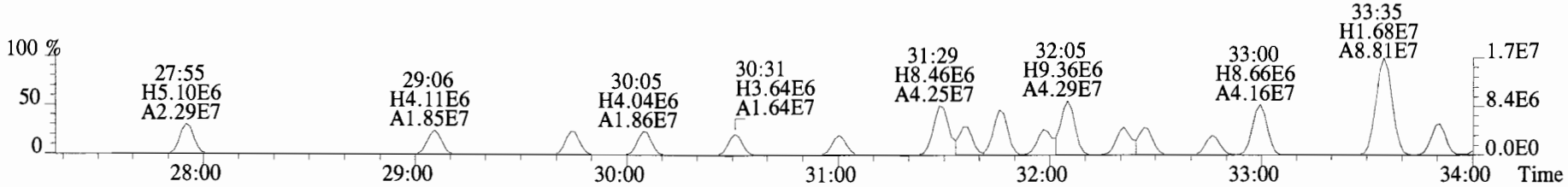
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18352.0,0.00%,F,F)



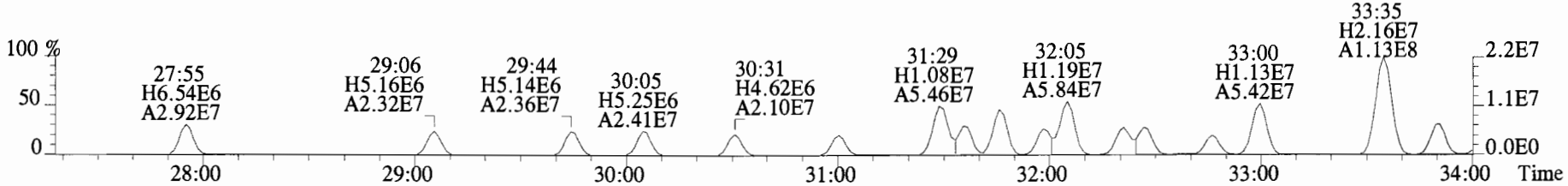
330.9792 F:3



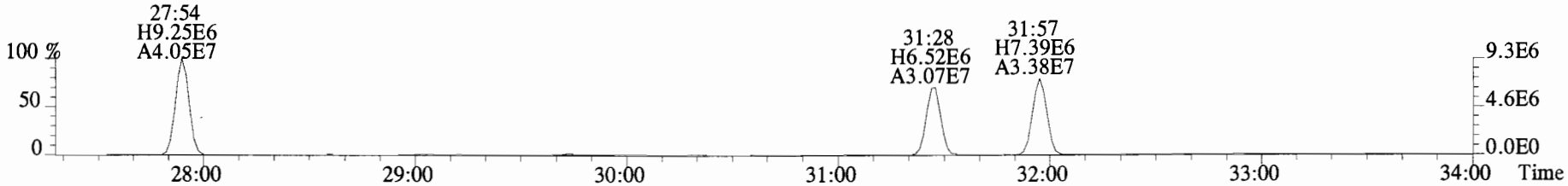
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16528.0,0.00%,F,F)



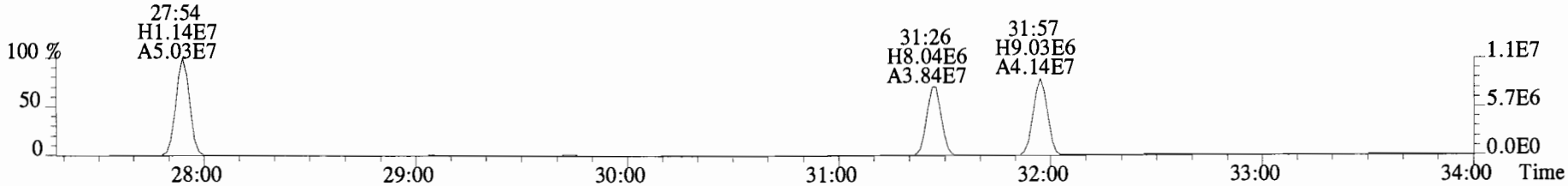
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20752.0,0.00%,F,F)



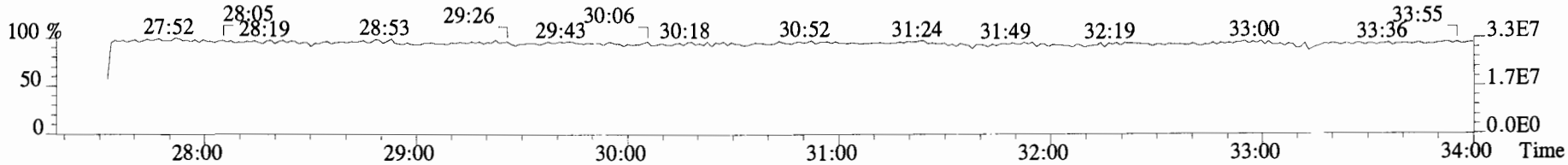
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30340.0,0.00%,F,F)



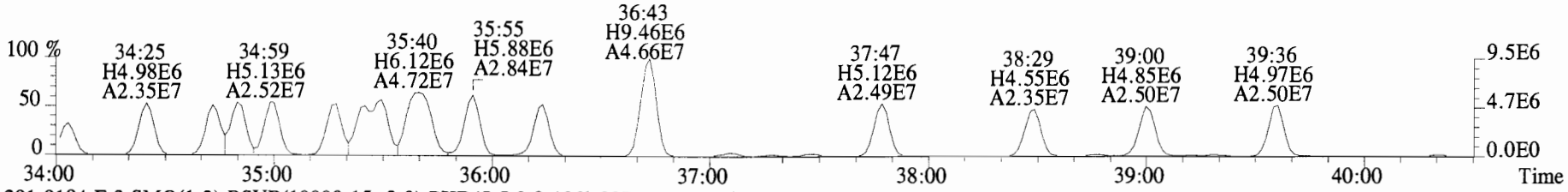
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18352.0,0.00%,F,F)



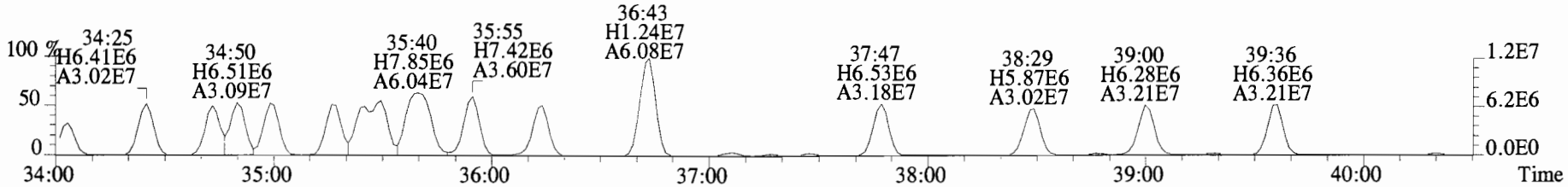
330.9792 F:3



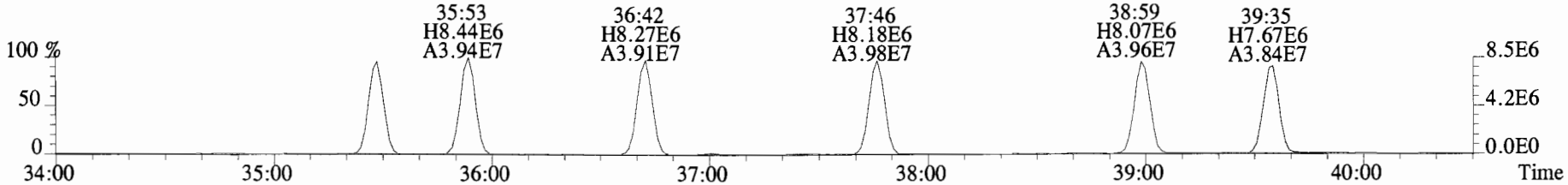
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16528.0,0.00%,F,F)



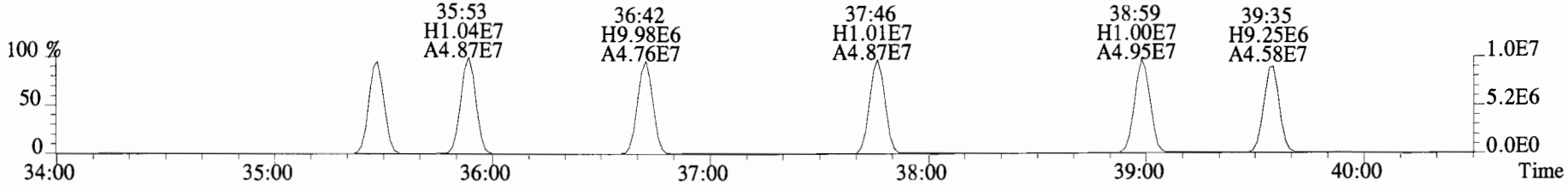
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20752.0,0.00%,F,F)



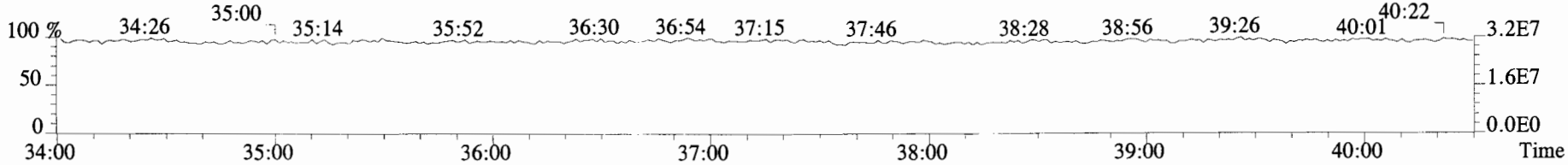
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30340.0,0.00%,F,F)



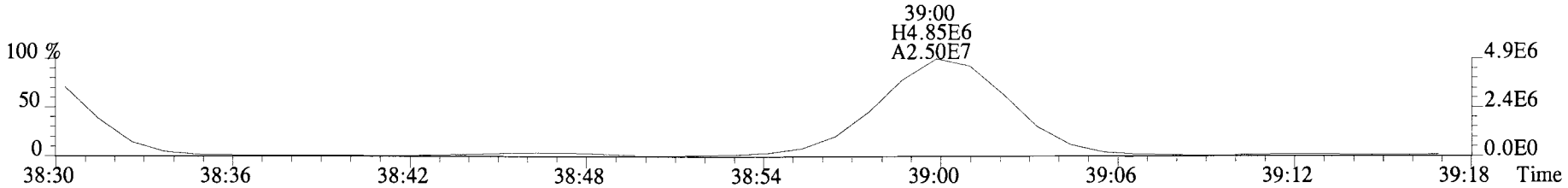
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18352.0,0.00%,F,F)



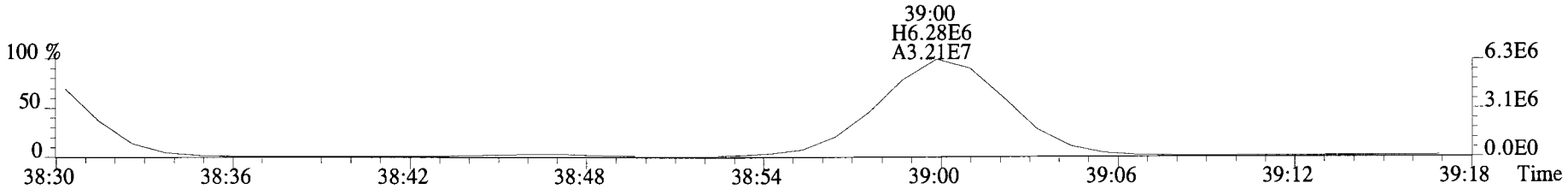
330.9792 F:3



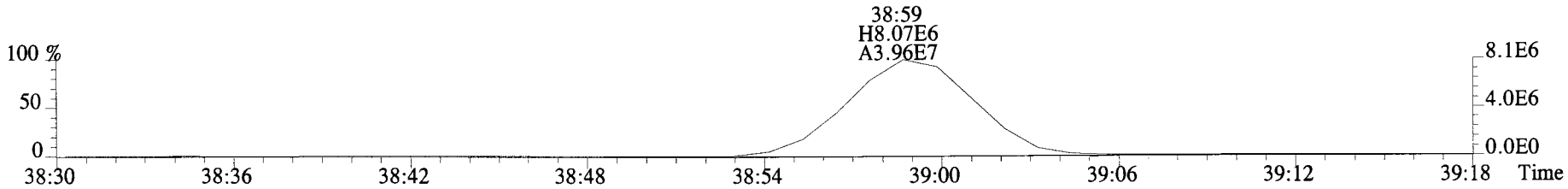
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16528.0,0.00%,F,F)



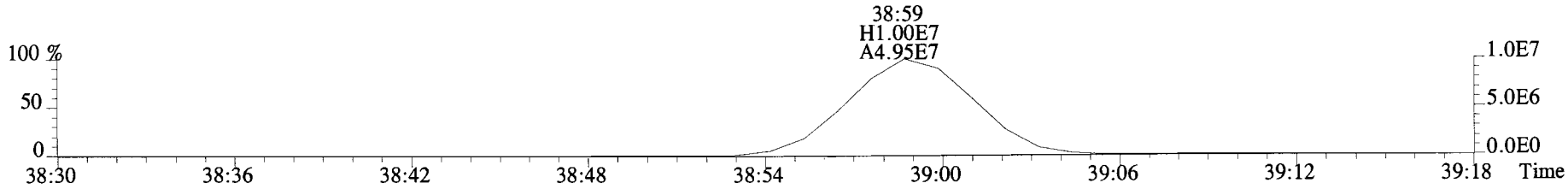
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20752.0,0.00%,F,F)



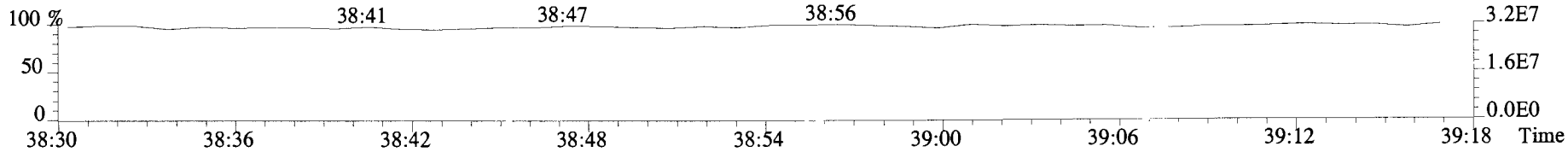
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30340.0,0.00%,F,F)



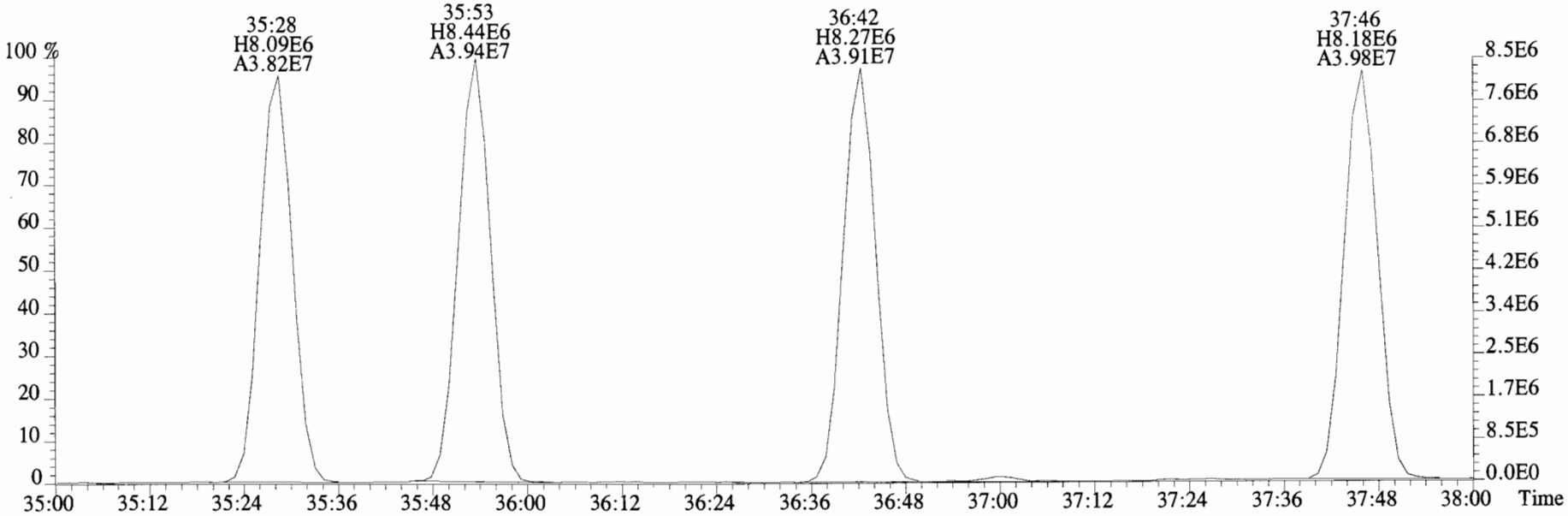
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18352.0,0.00%,F,F)



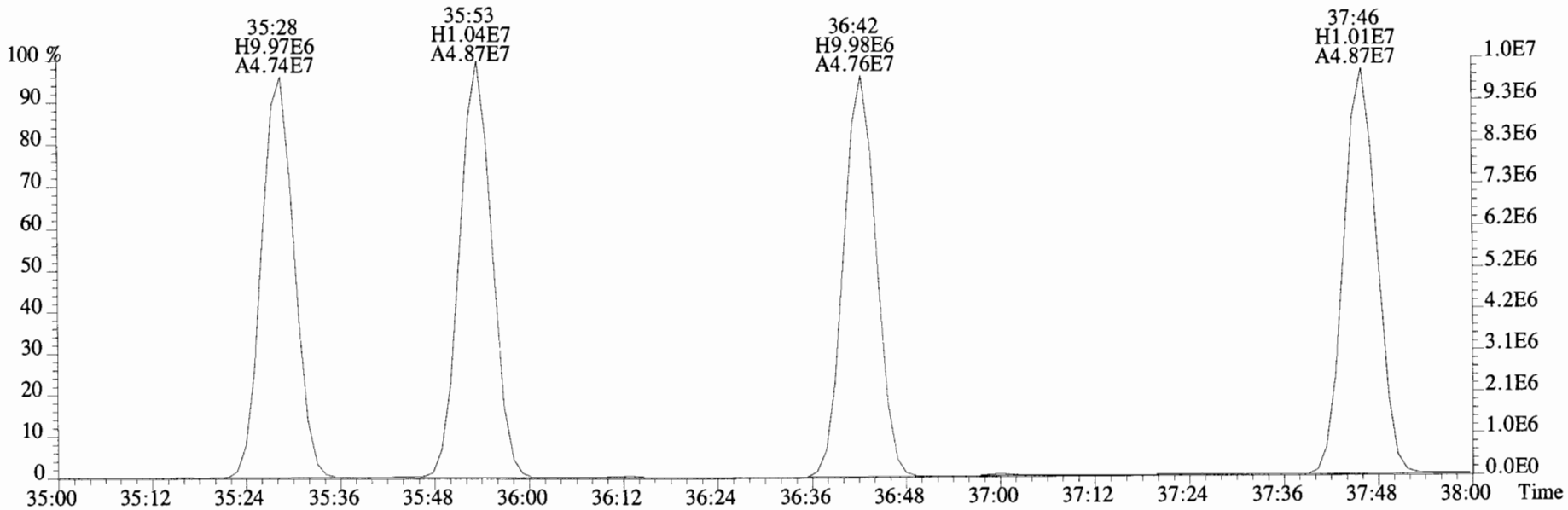
330.9792 F:3



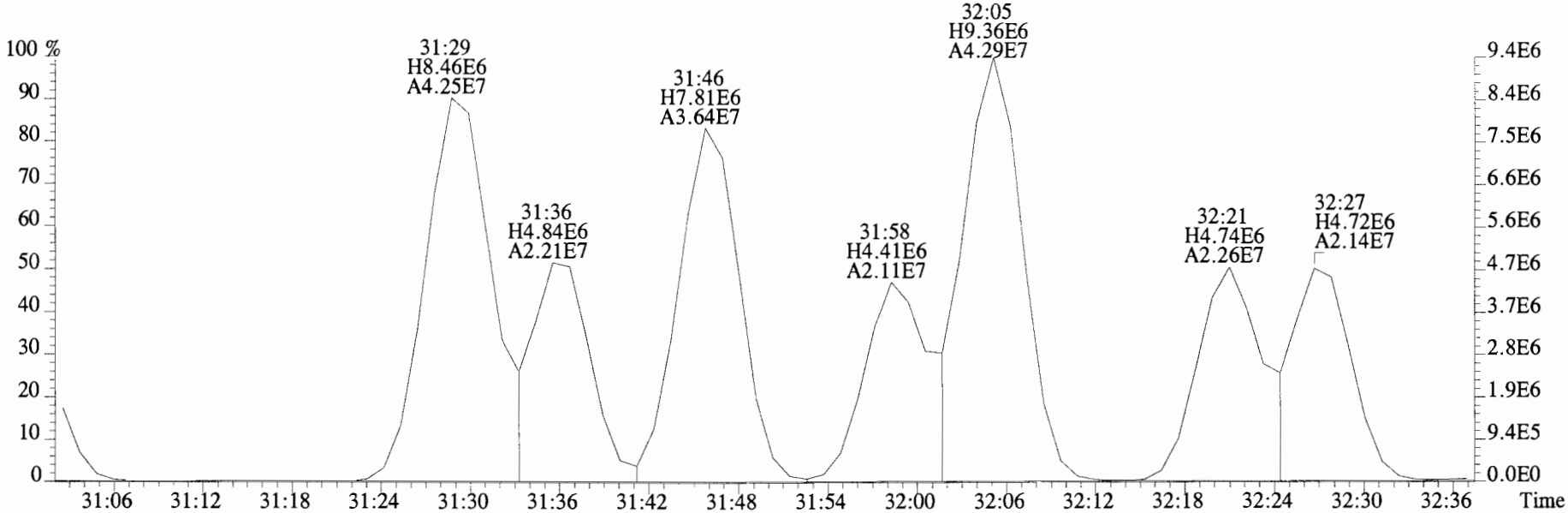
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30340.0,0.00%,F,F)



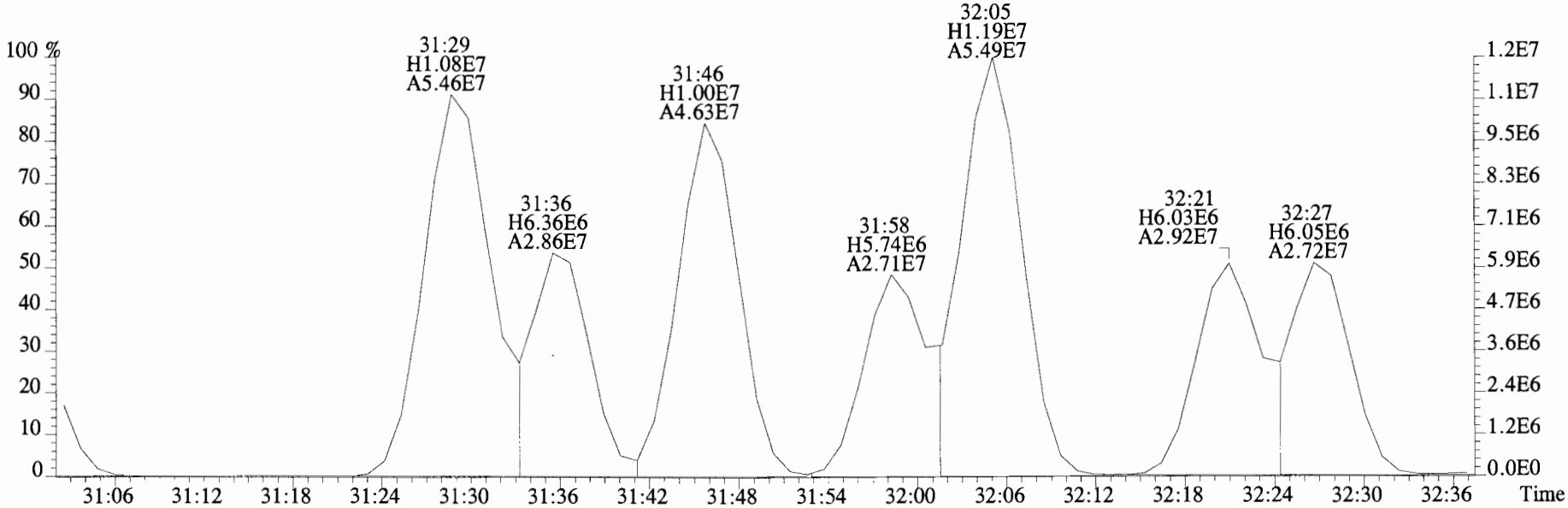
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18352.0,0.00%,F,F)



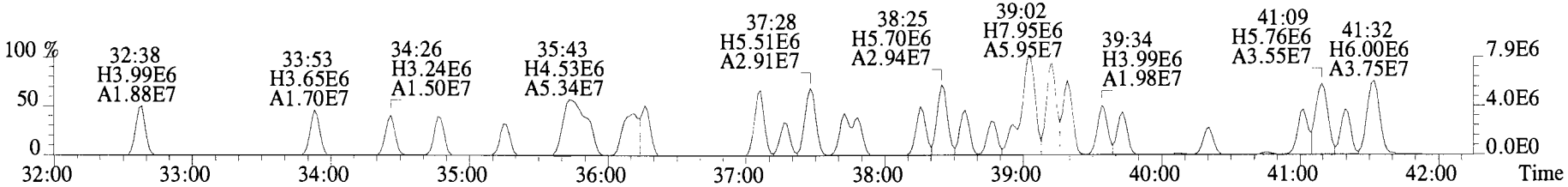
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16528.0,0.00%,F,F)



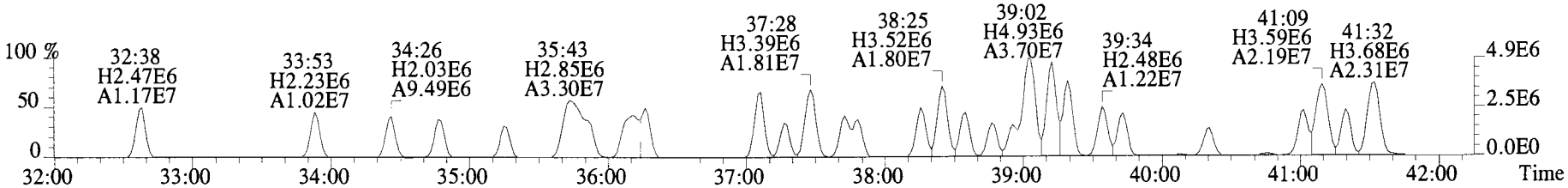
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20752.0,0.00%,F,F)



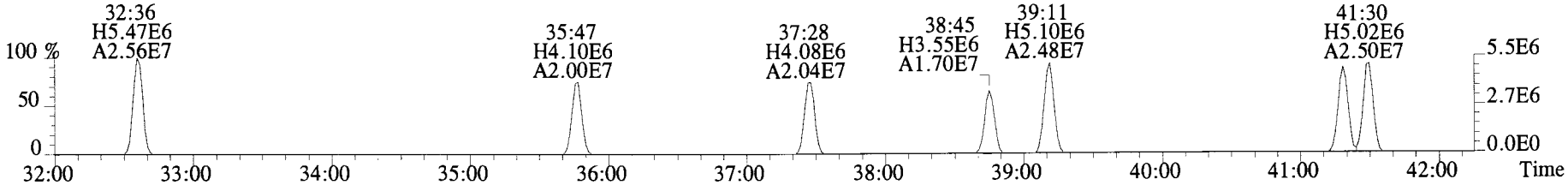
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



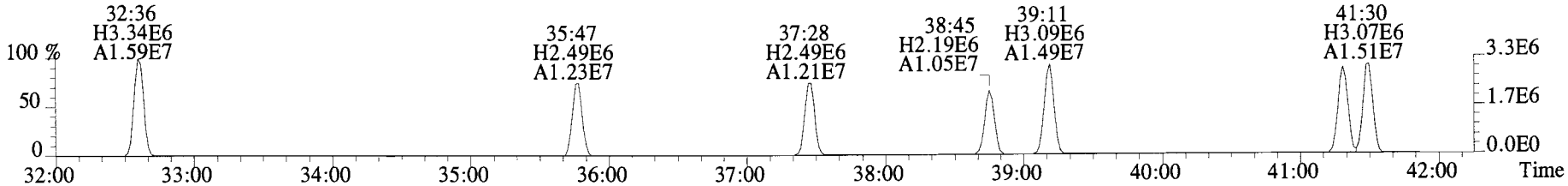
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



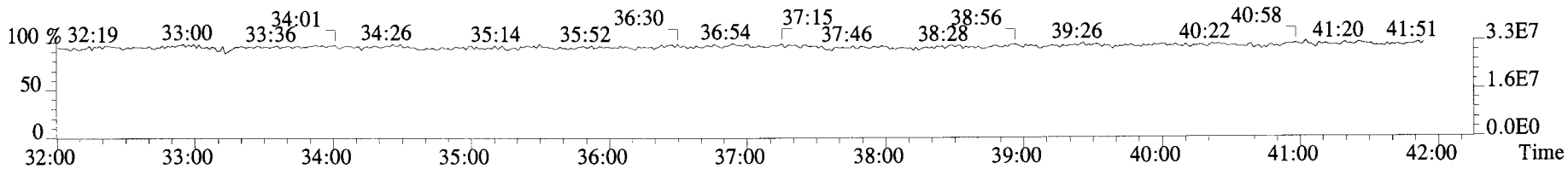
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2940.0,0.00%,F,F)



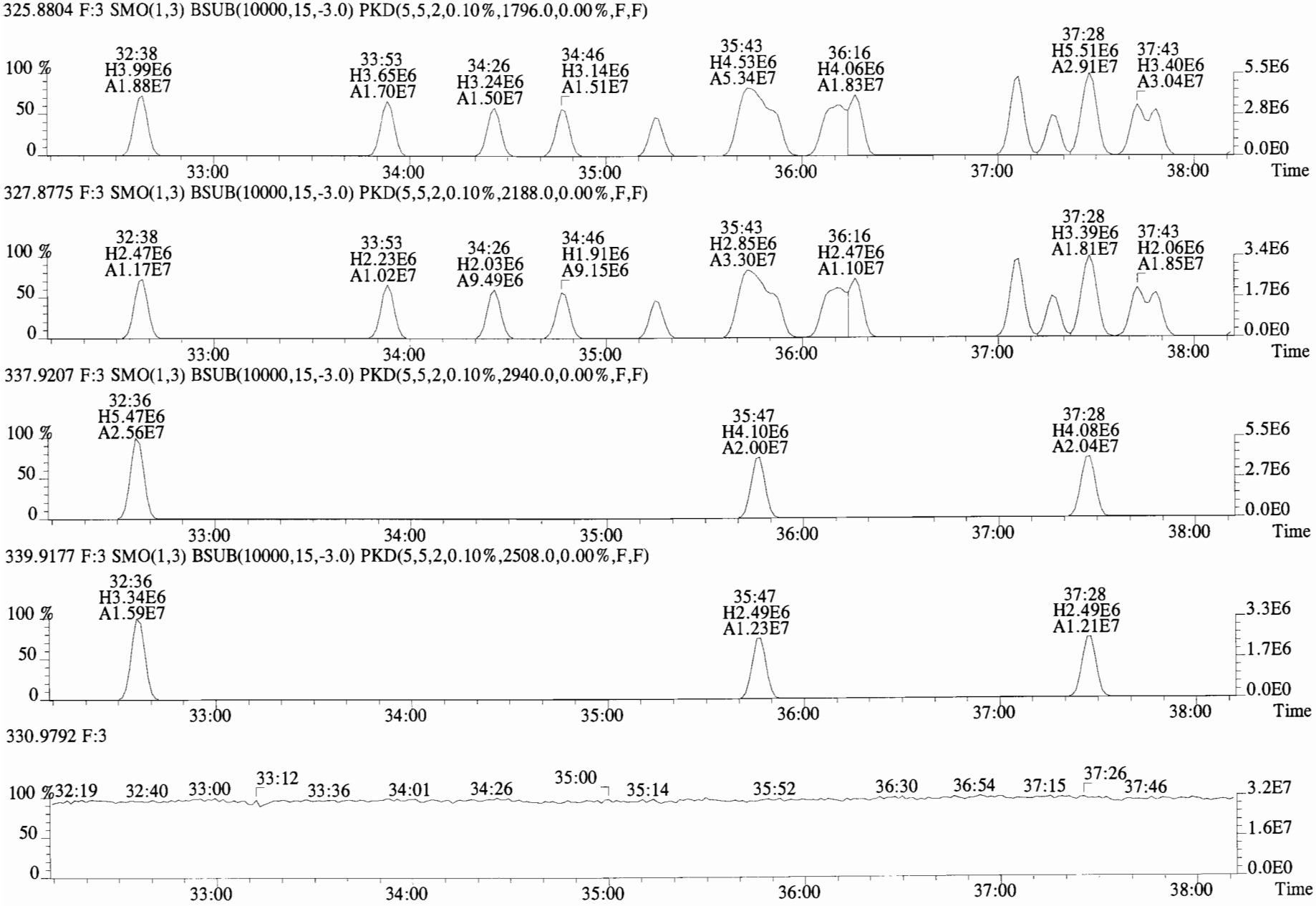
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2508.0,0.00%,F,F)



330.9792 F:3

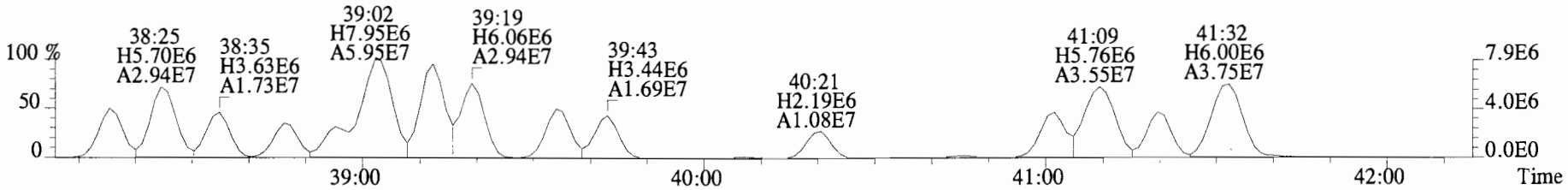


File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1

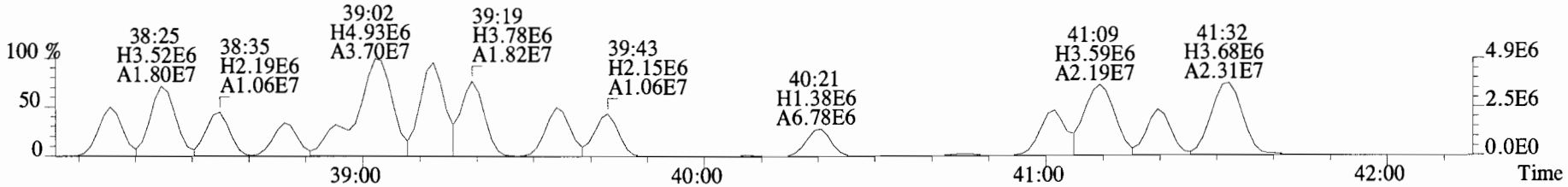


File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1

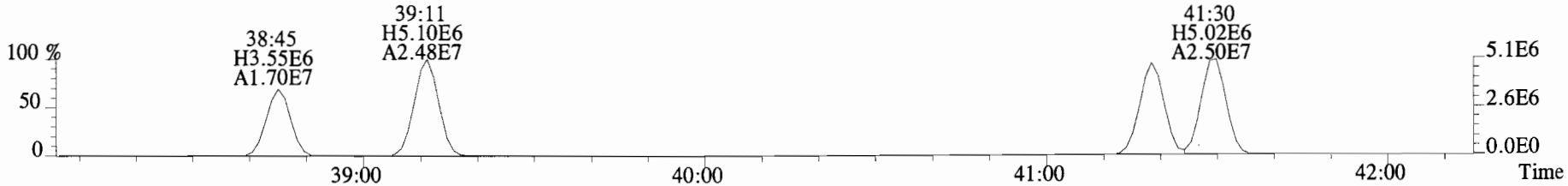
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



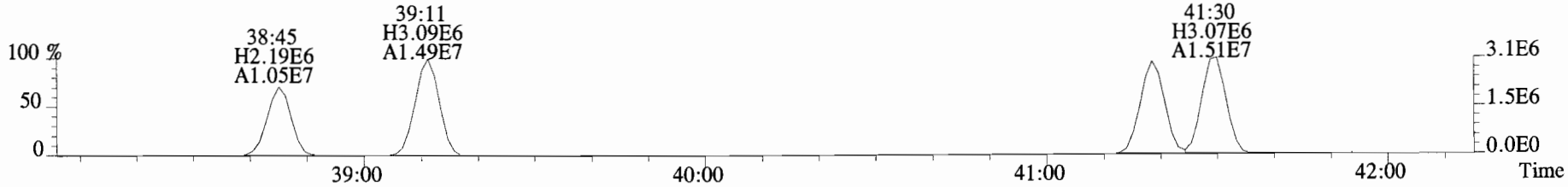
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



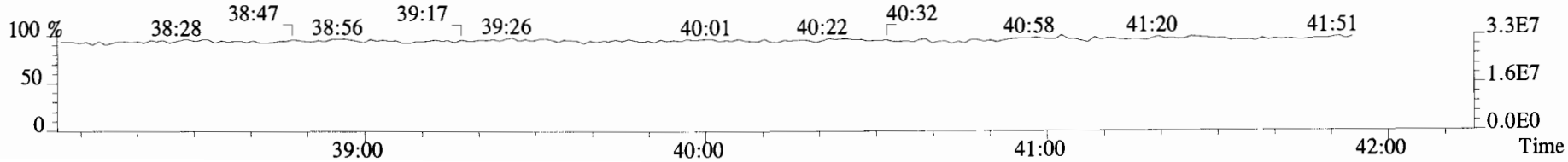
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2940.0,0.00%,F,F)



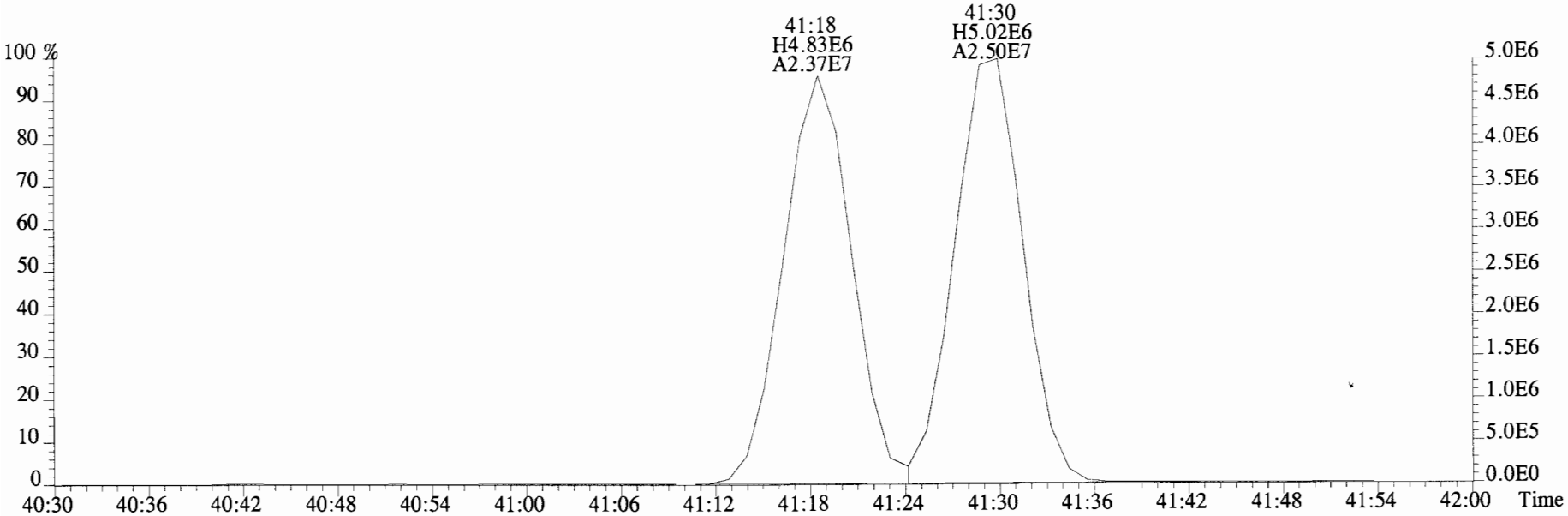
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2508.0,0.00%,F,F)



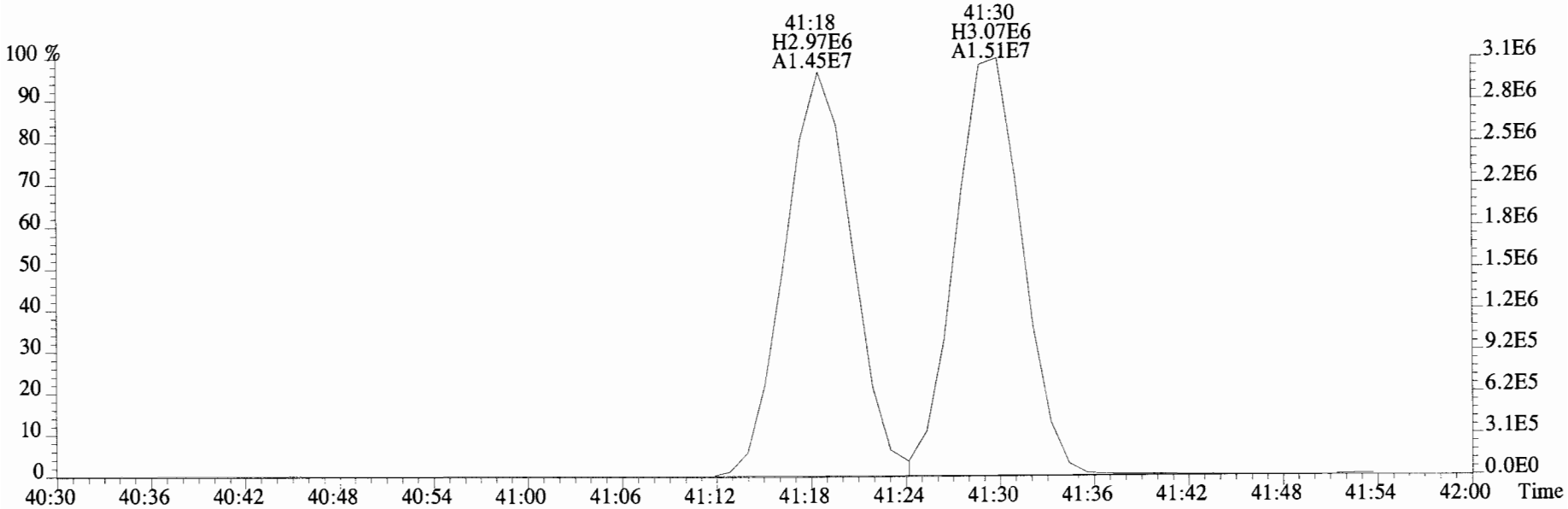
330.9792 F:3



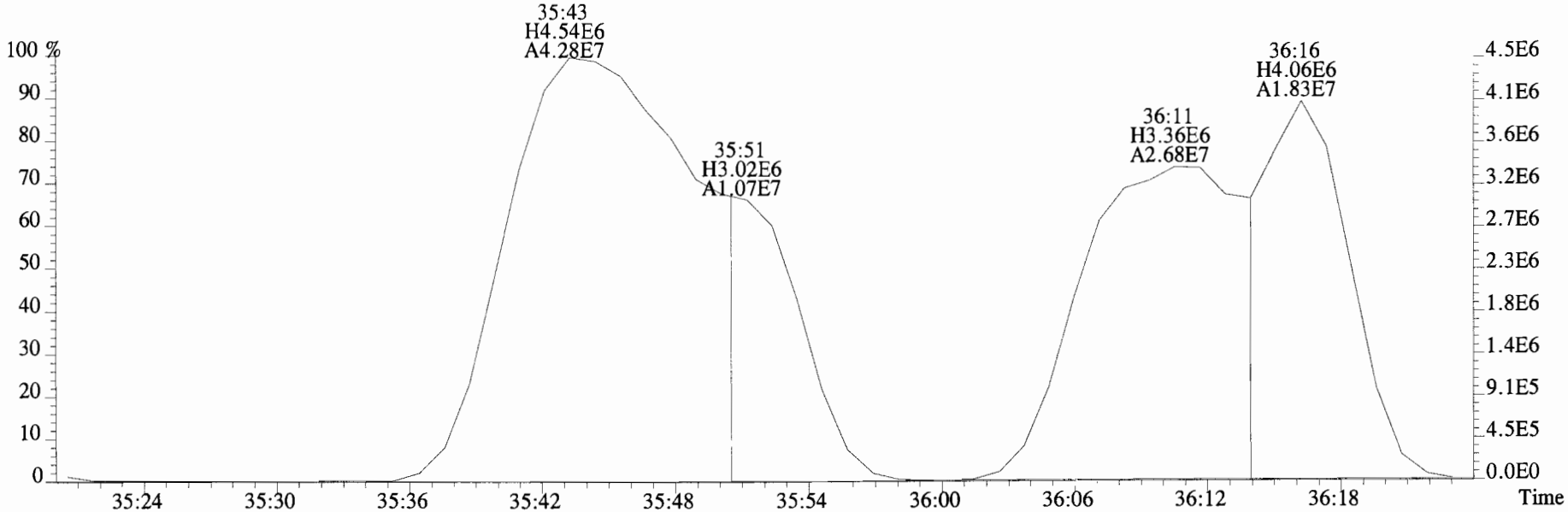
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2940.0,0.00%,F,F)



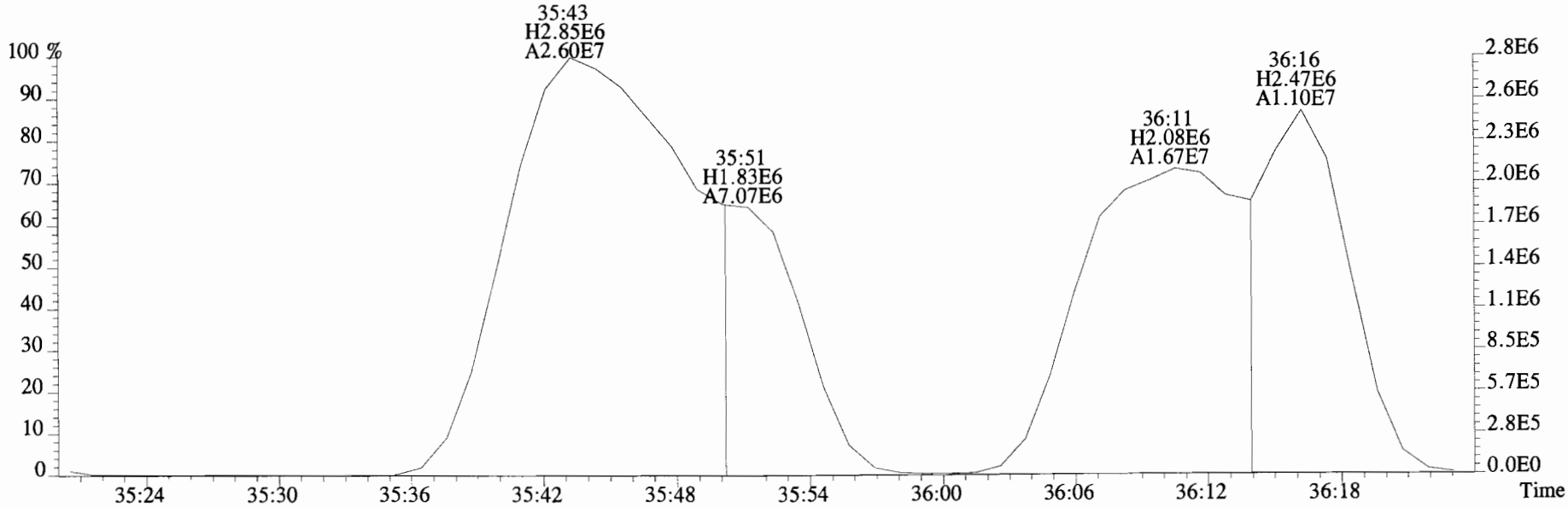
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2508.0,0.00%,F,F)



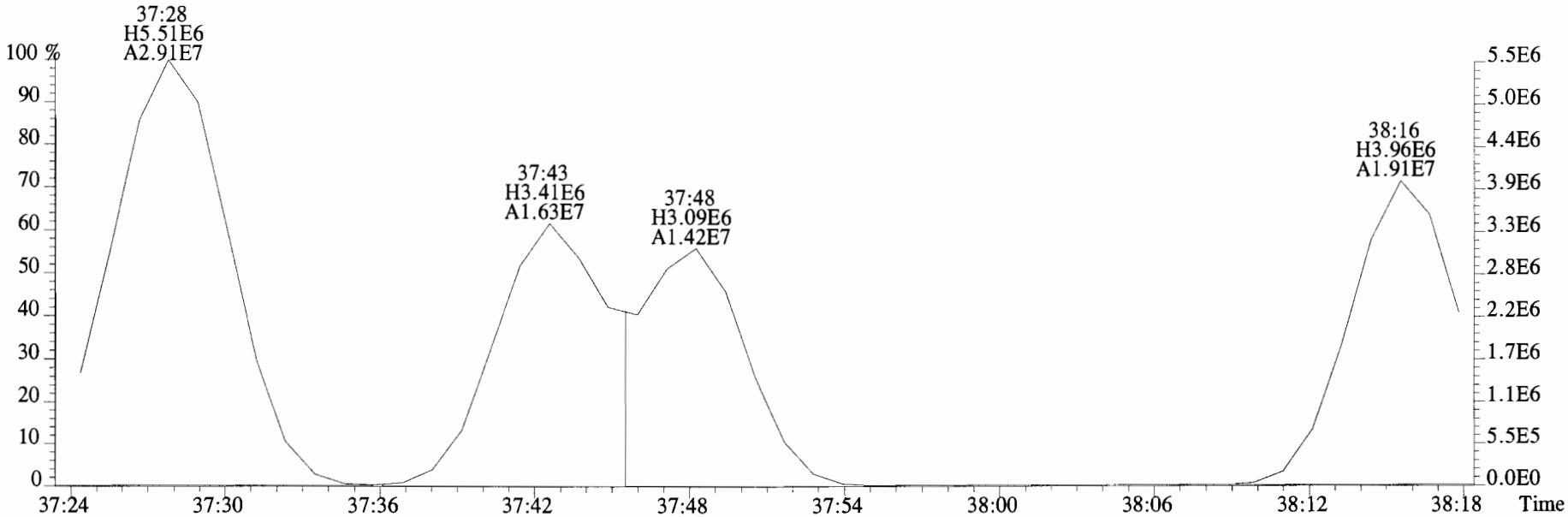
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



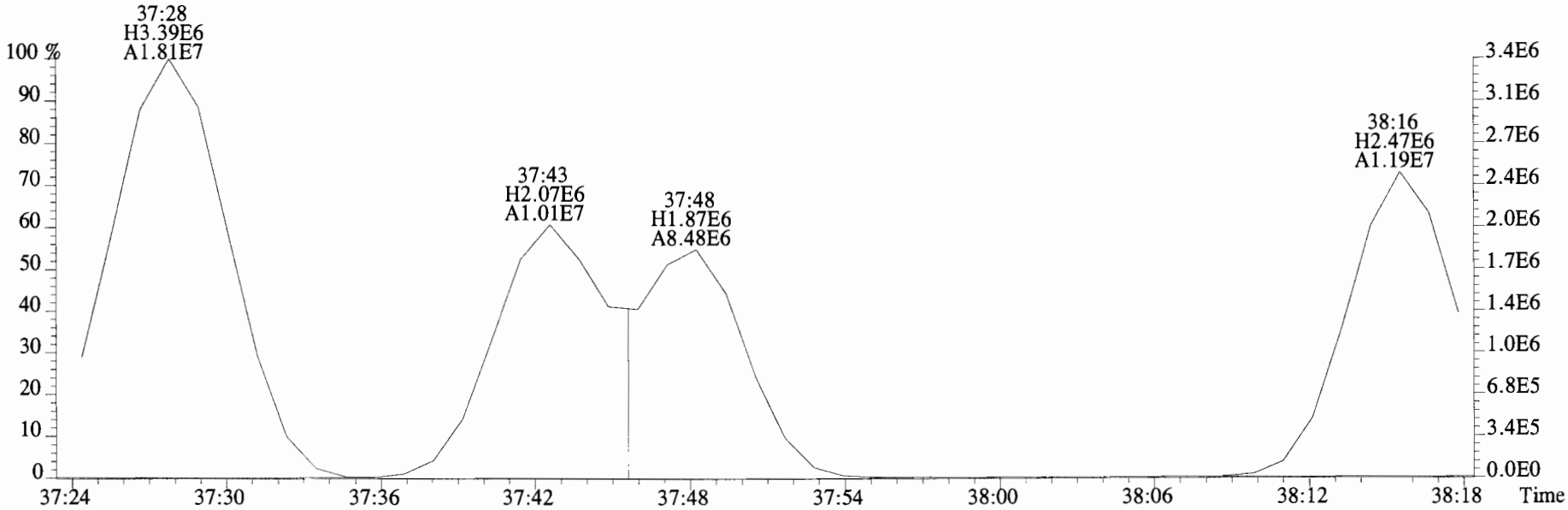
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



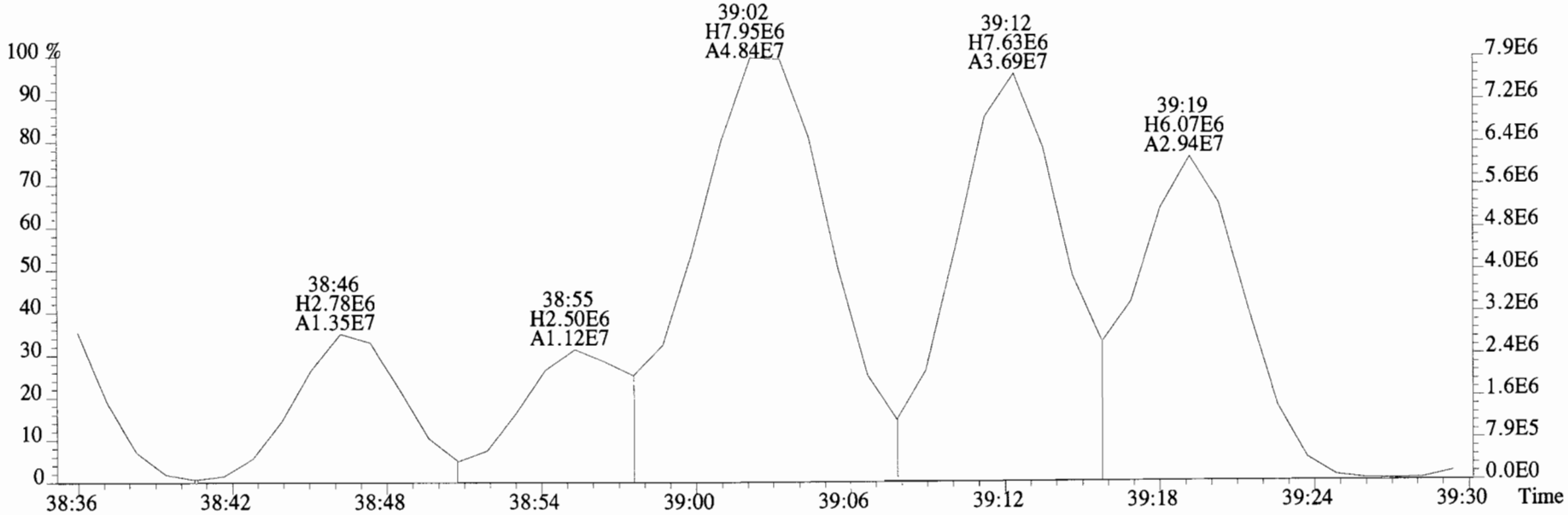
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



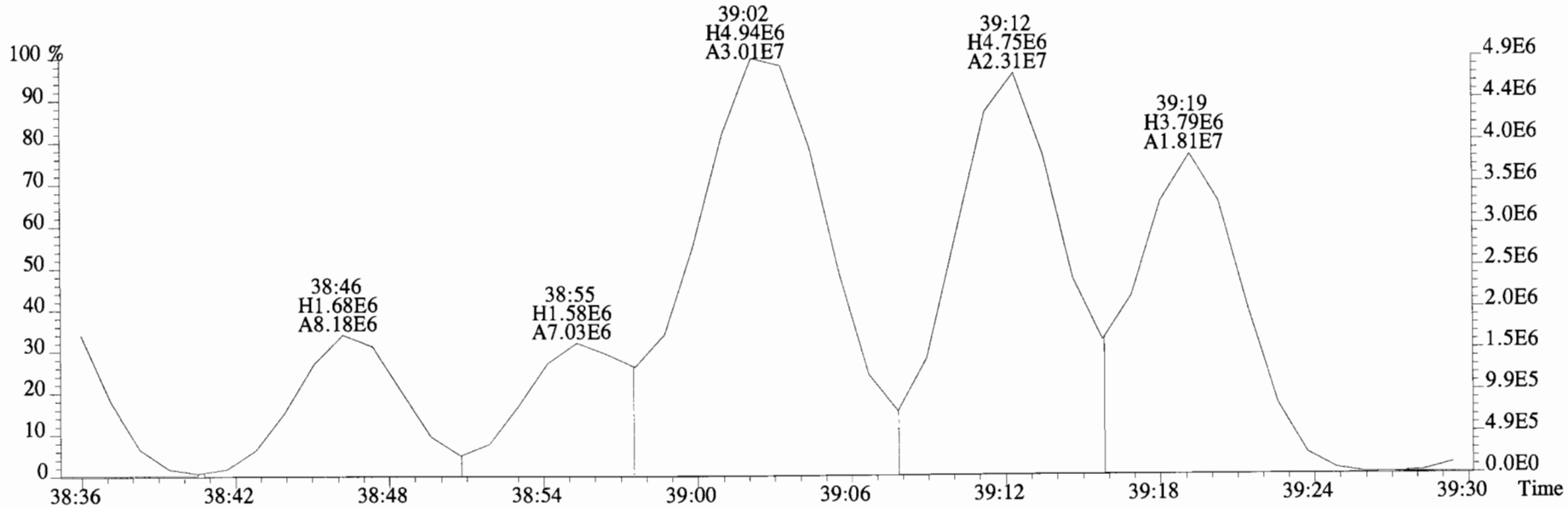
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



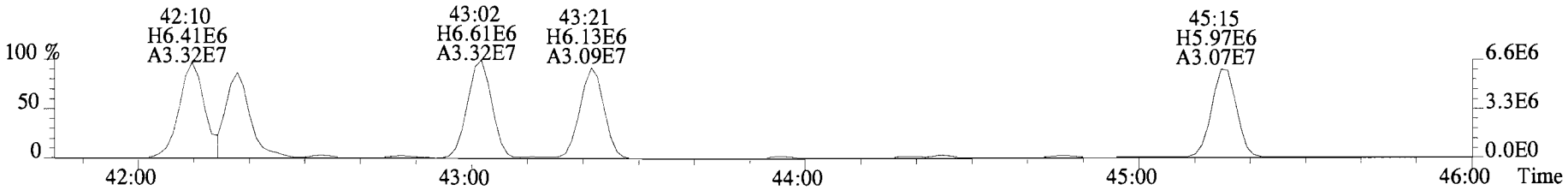
File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



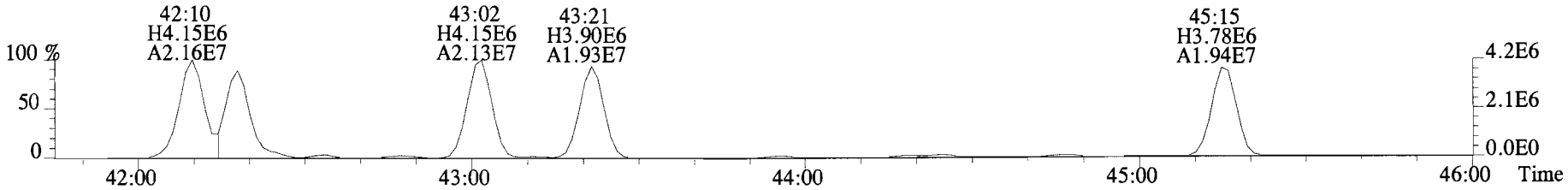
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



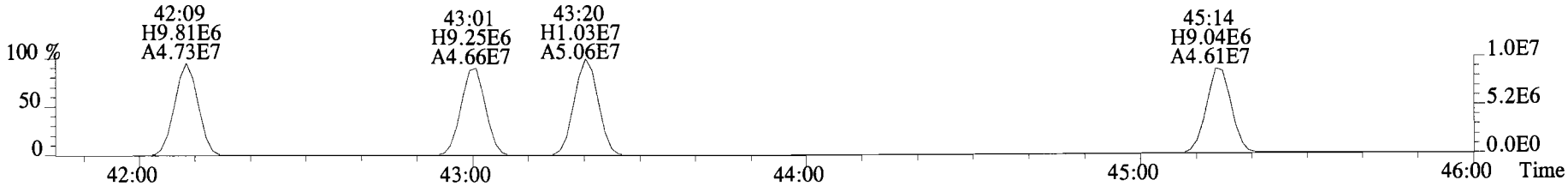
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)



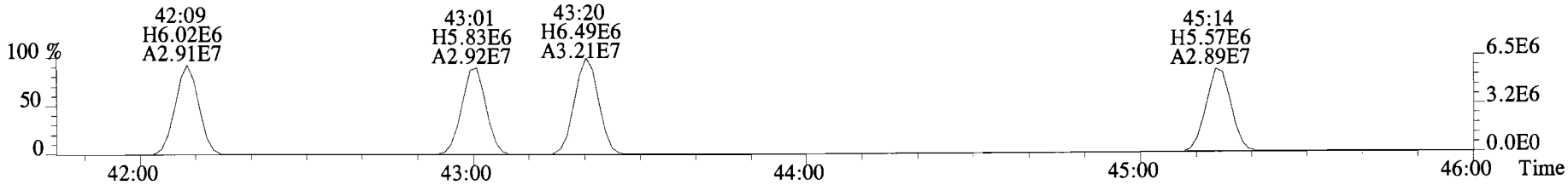
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4764.0,0.00%,F,F)



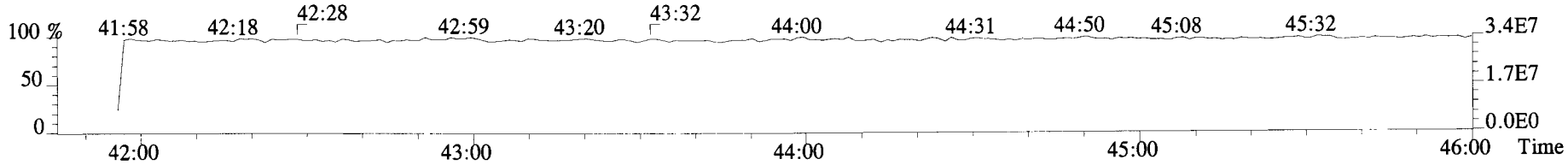
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4852.0,0.00%,F,F)



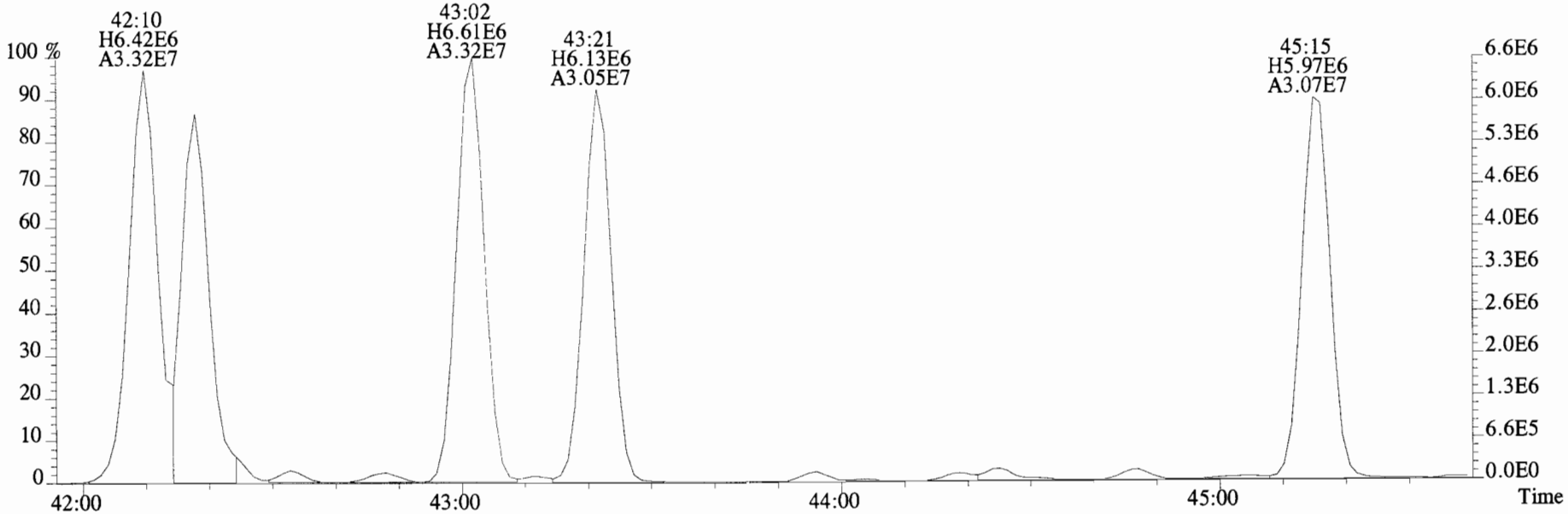
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4312.0,0.00%,F,F)



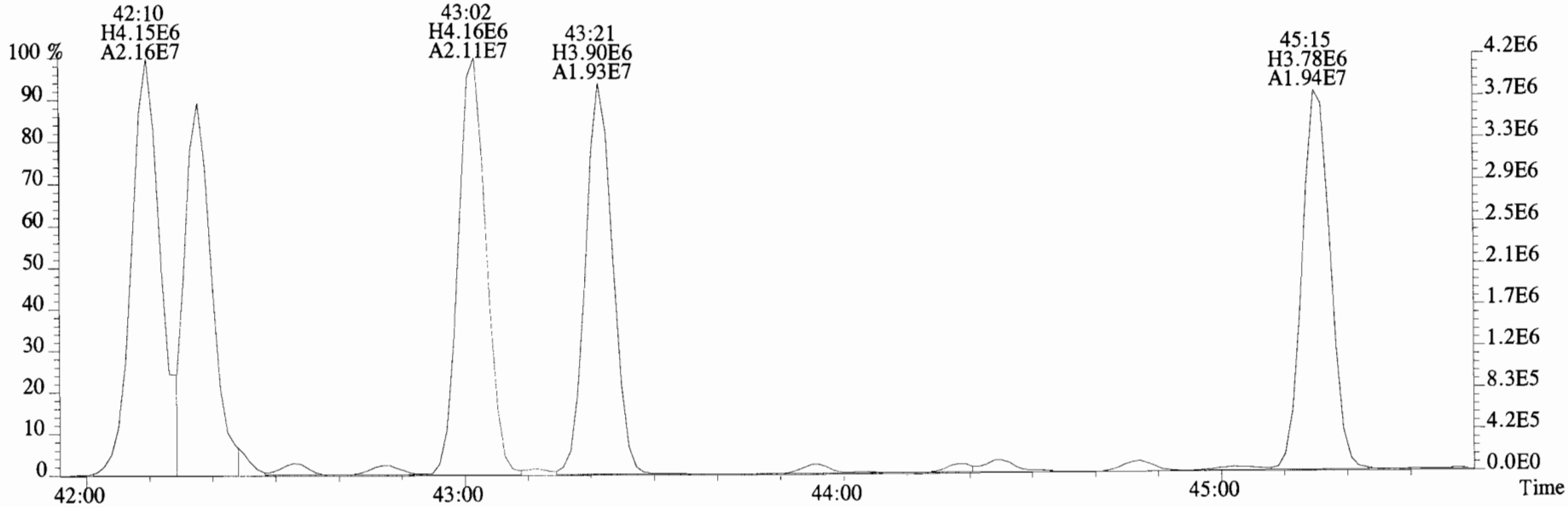
380.9760 F:4



File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)

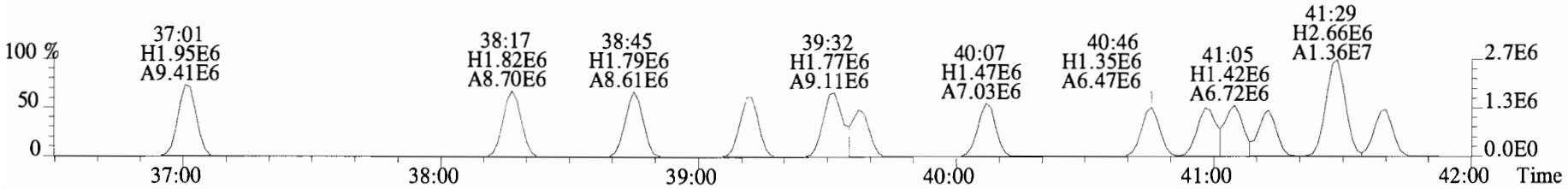


327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4764.0,0.00%,F,F)

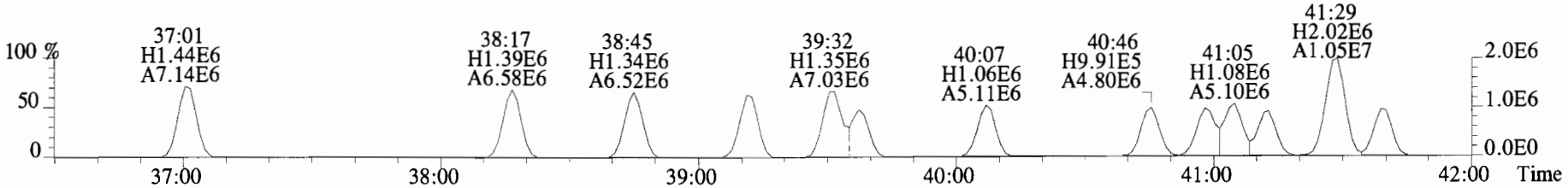


File:171108E3 #1-759 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1

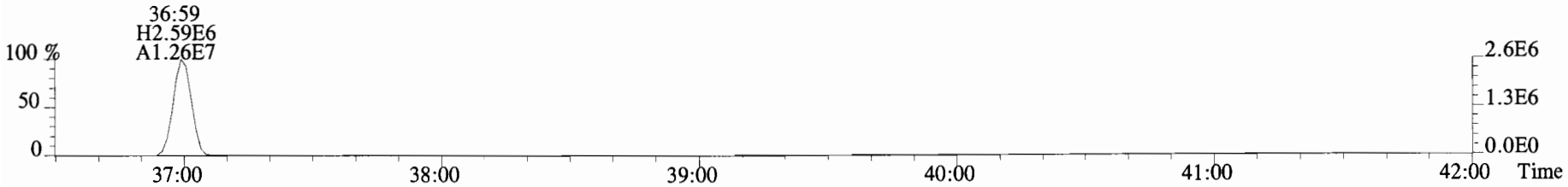
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1732.0,0.00%,F,F)



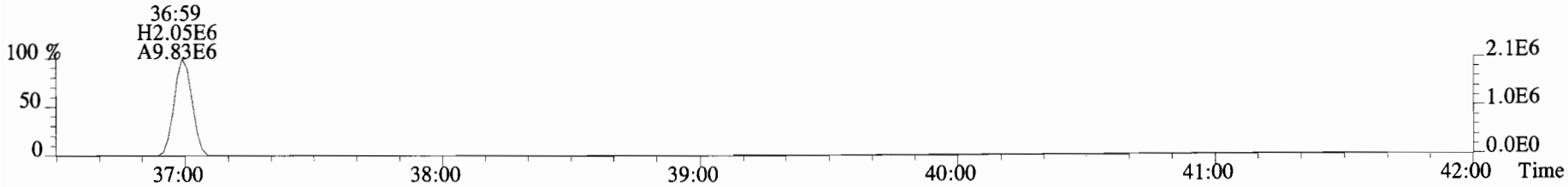
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



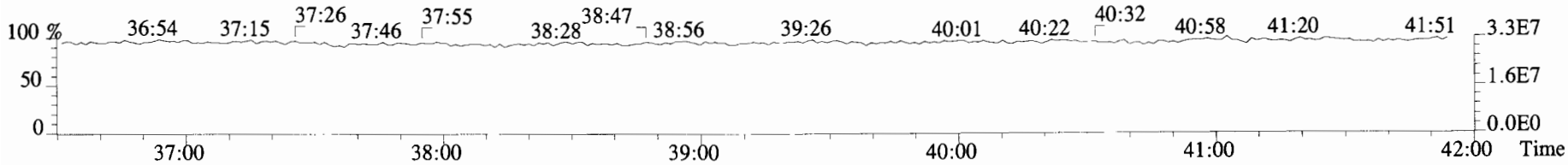
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



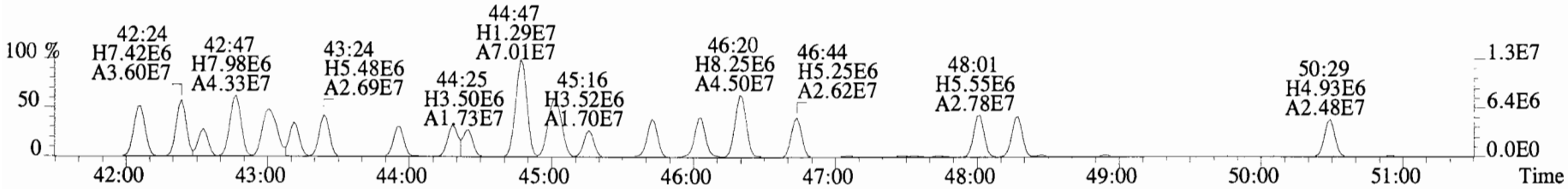
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



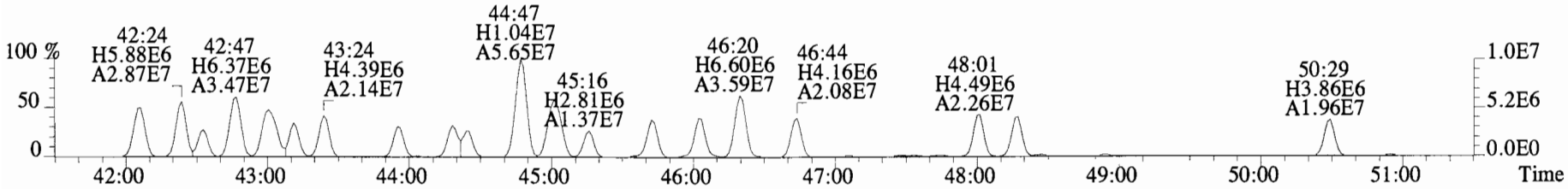
330.9792 F:3



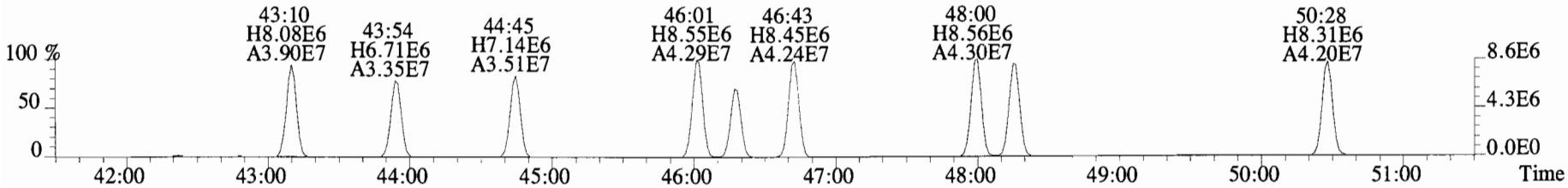
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13684.0,0.00%,F,F)



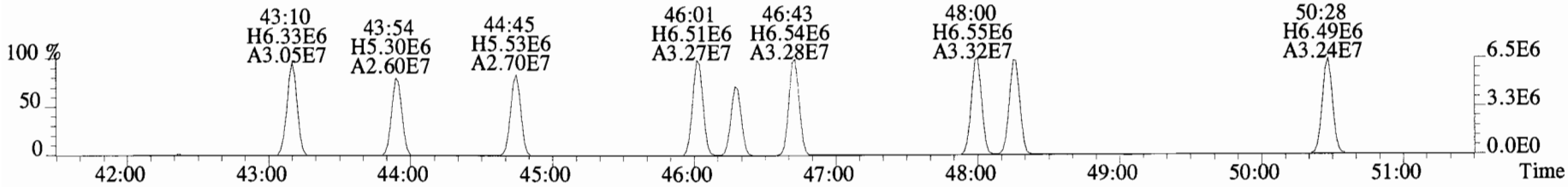
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15260.0,0.00%,F,F)



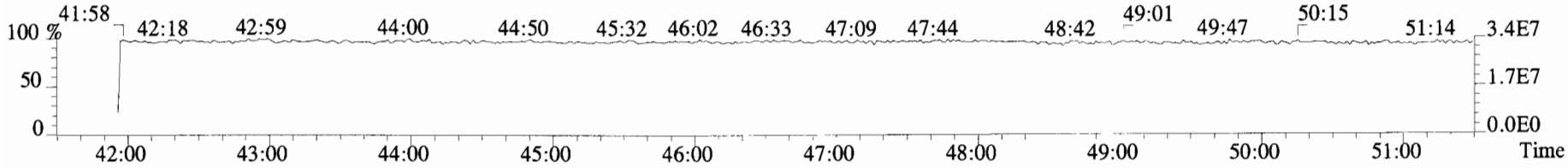
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7824.0,0.00%,F,F)



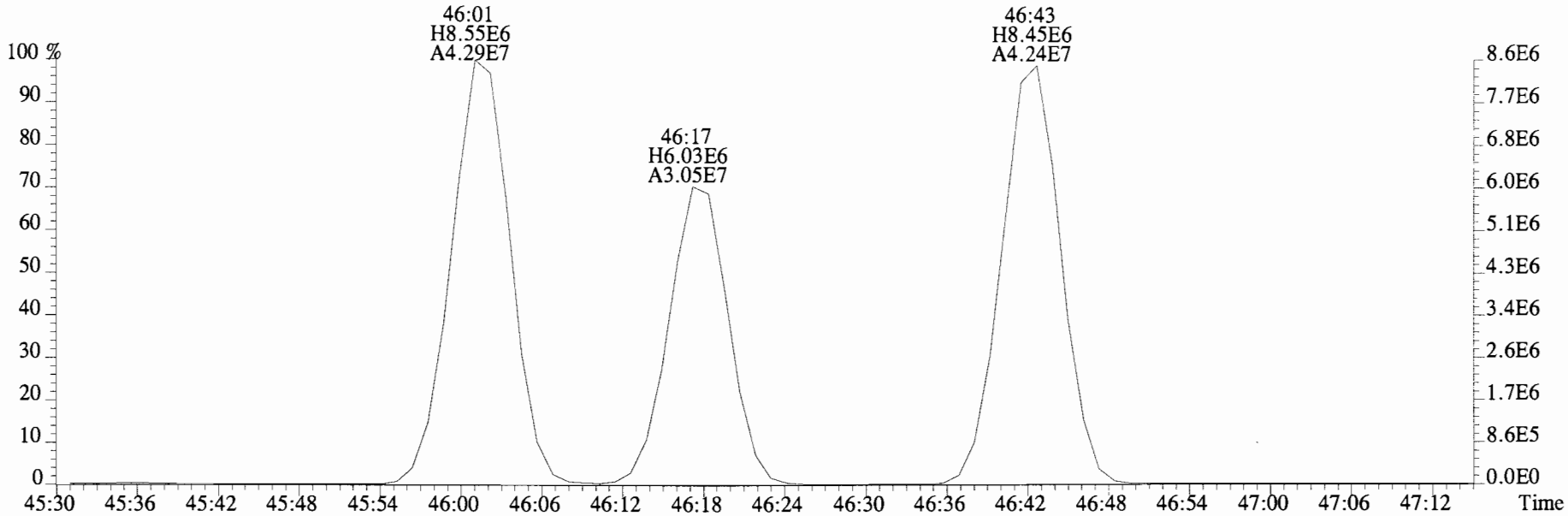
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7656.0,0.00%,F,F)



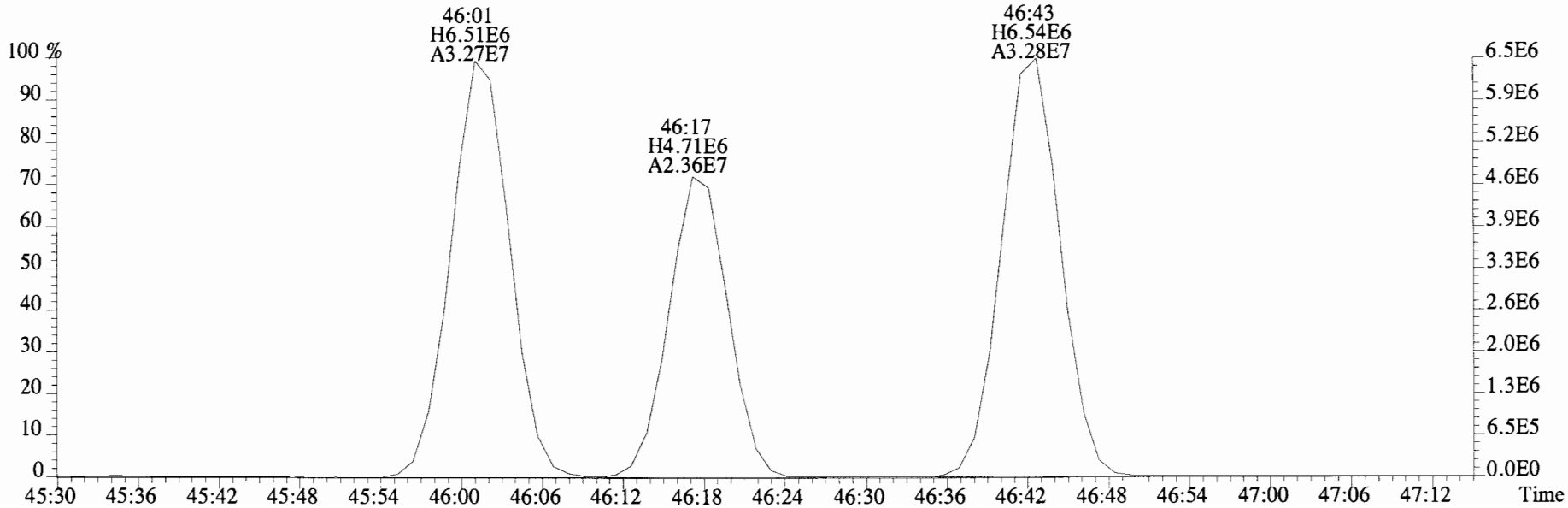
380.9760 F:4



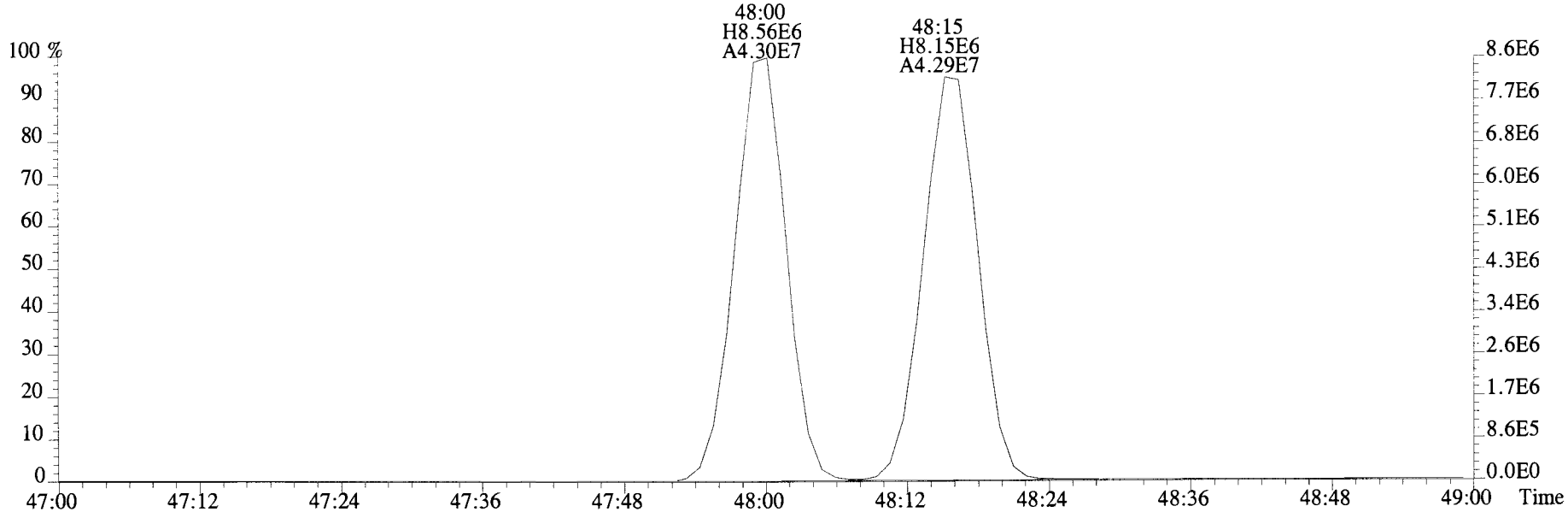
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7824.0,0.00%,F,F)



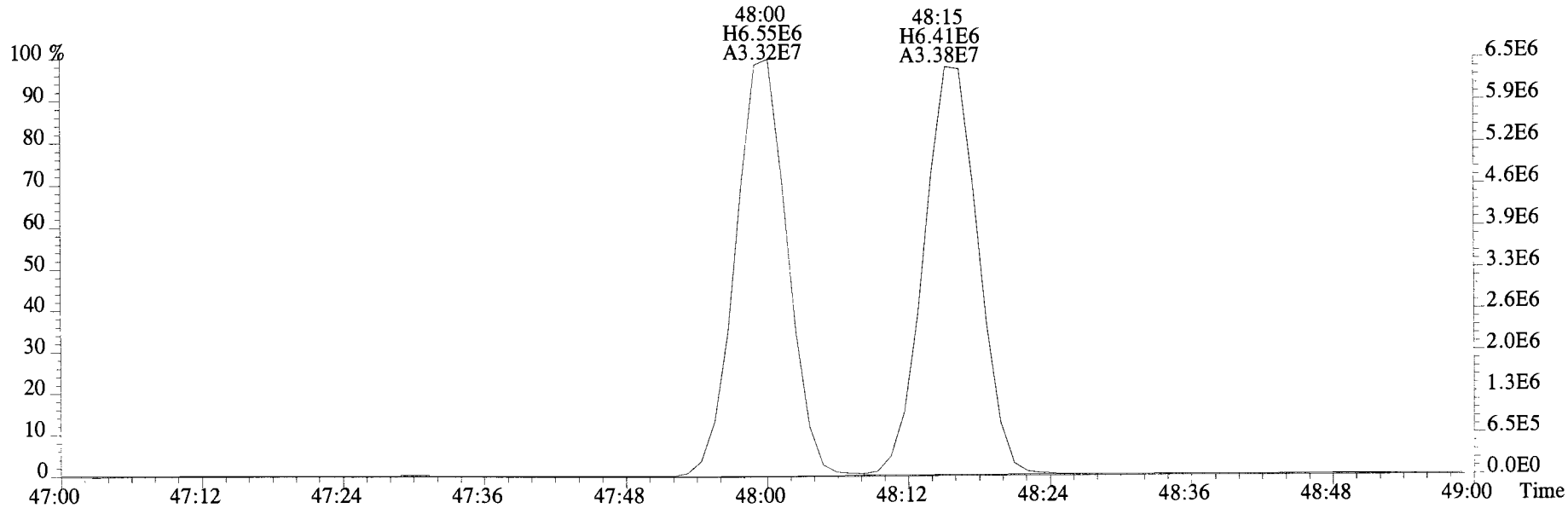
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7656.0,0.00%,F,F)



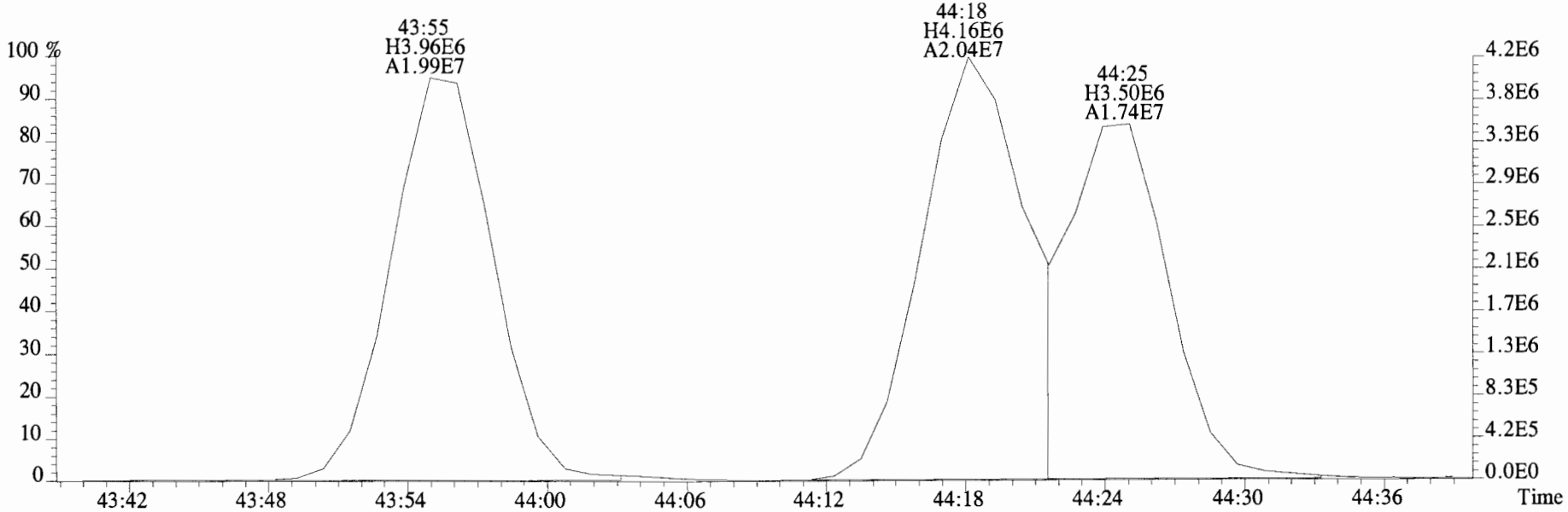
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7824.0,0.00%,F,F)



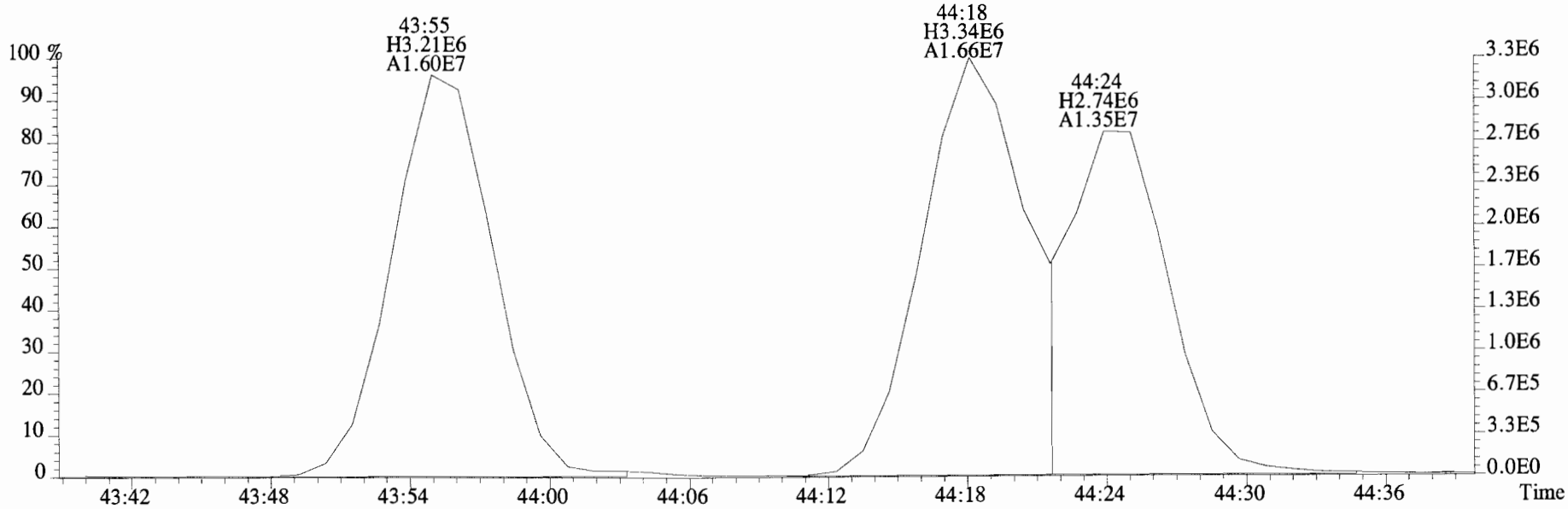
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7656.0,0.00%,F,F)



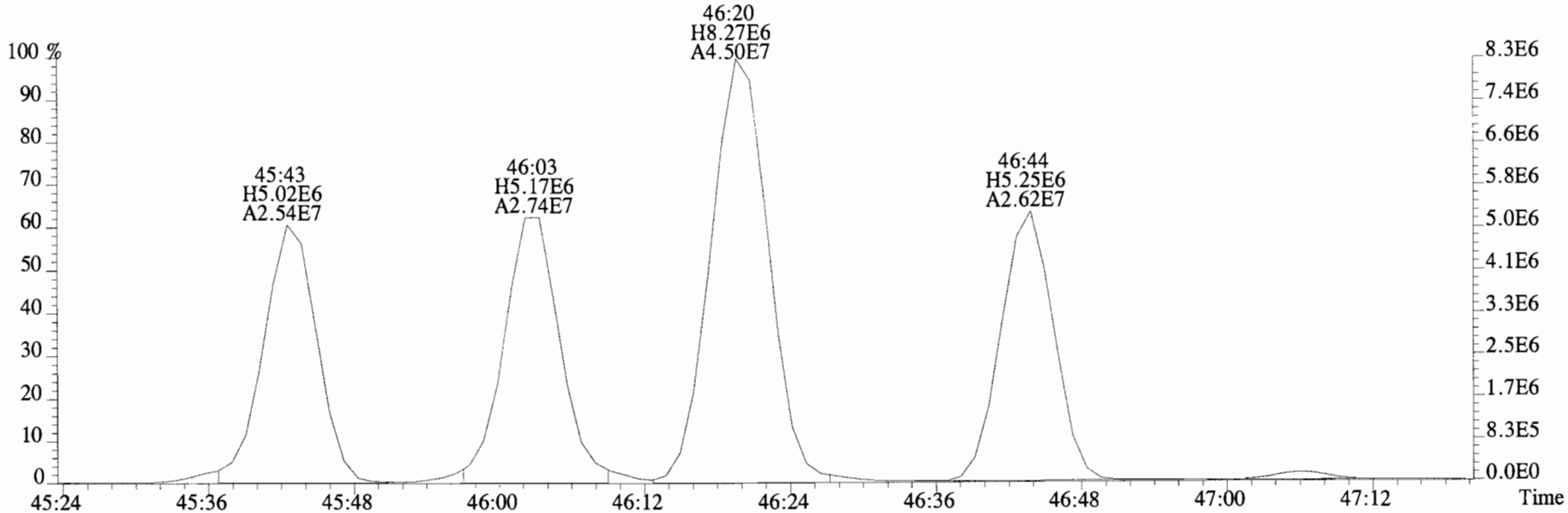
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13684.0,0.00%,F,F)



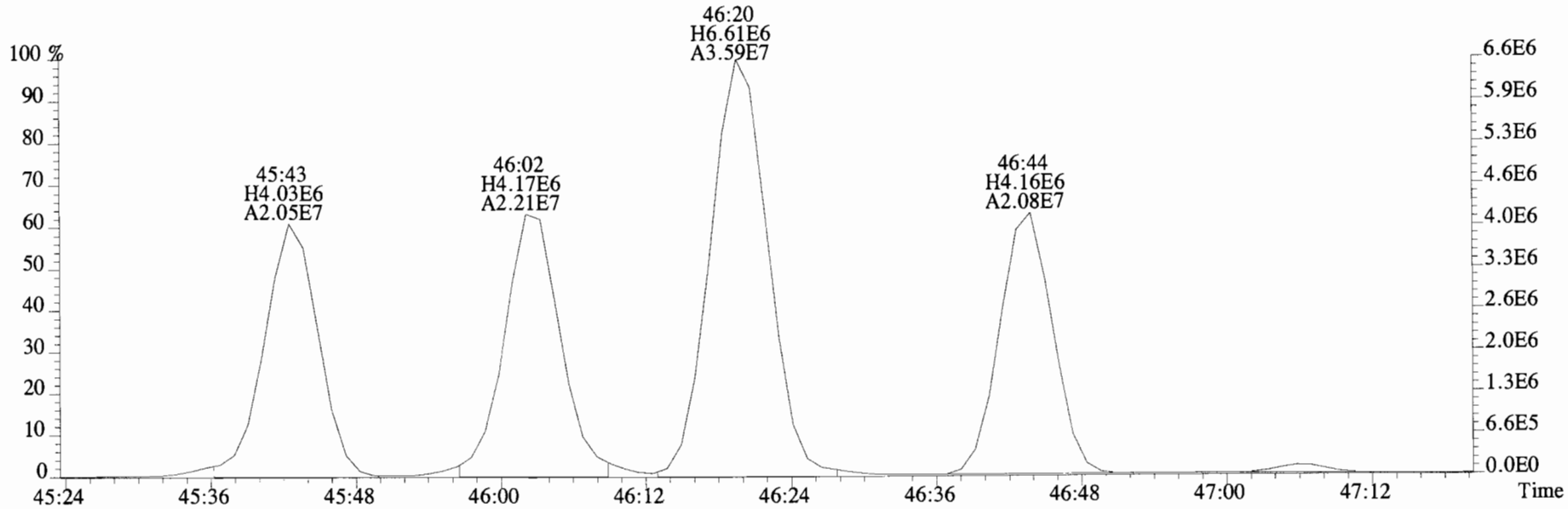
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15260.0,0.00%,F,F)



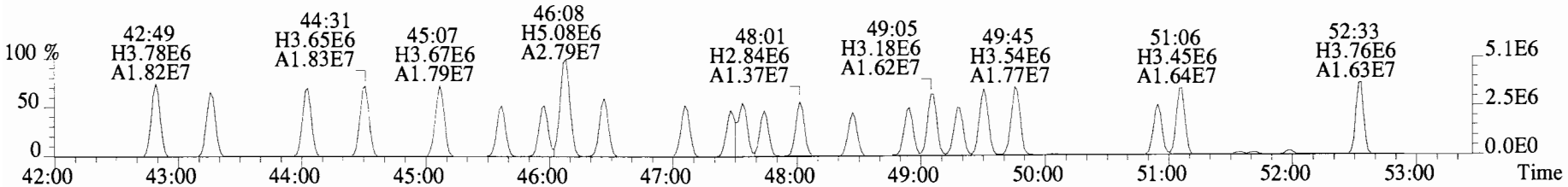
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13684.0,0.00%,F,F)



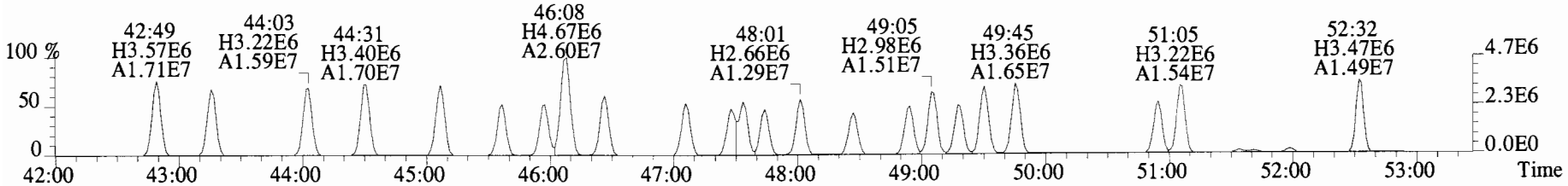
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15260.0,0.00%,F,F)



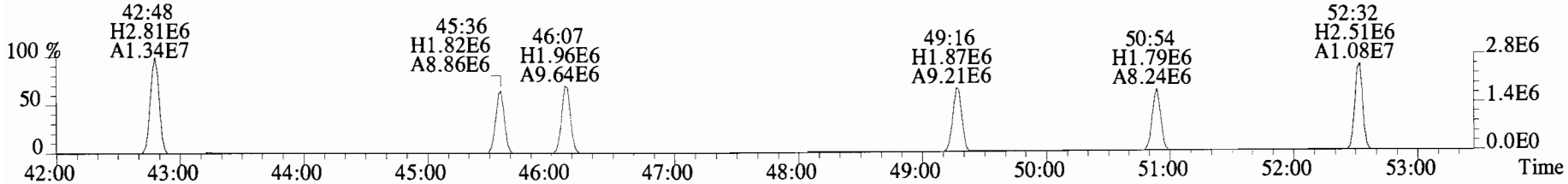
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9436.0,0.00%,F,F)



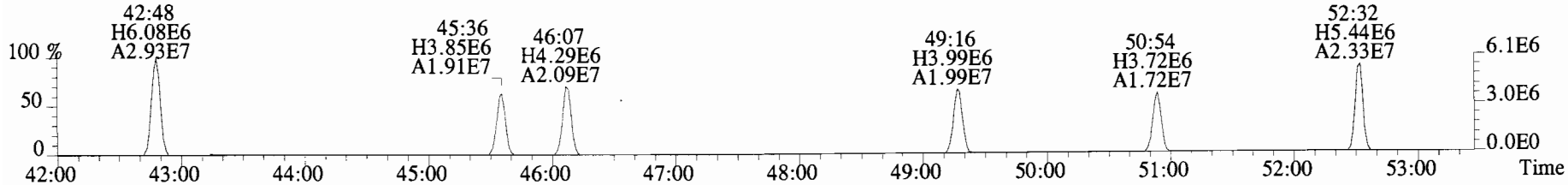
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10012.0,0.00%,F,F)



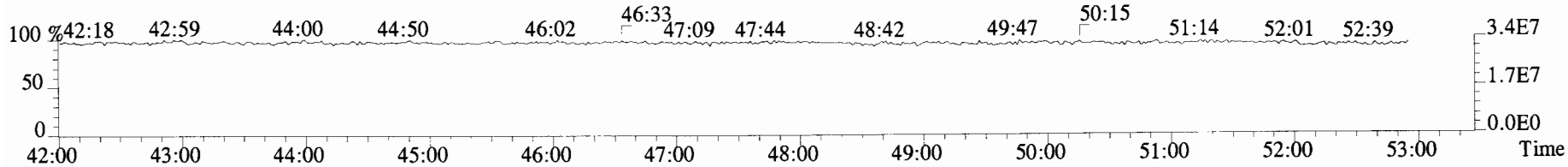
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2932.0,0.00%,F,F)



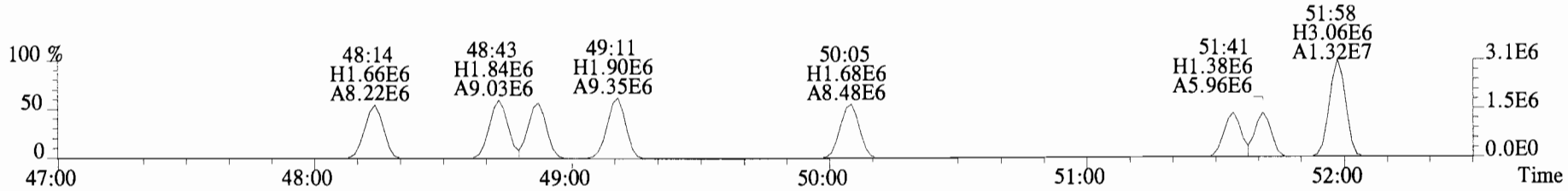
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)



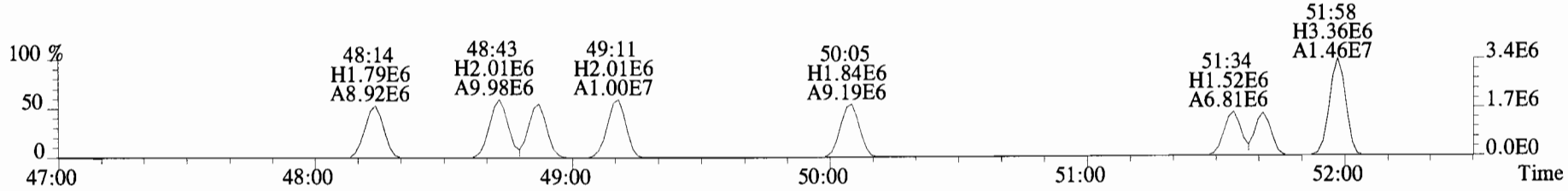
380.9760 F:4



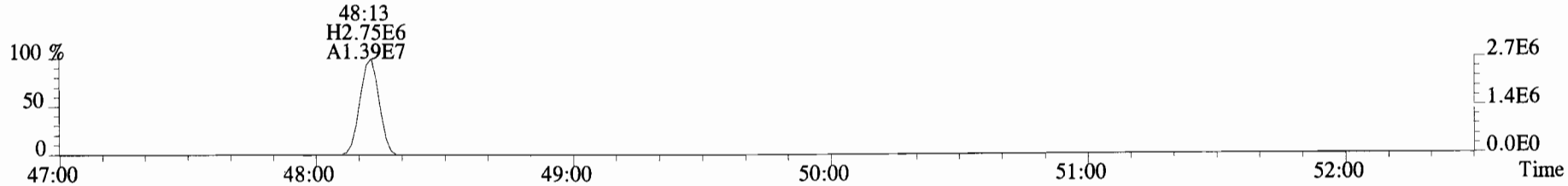
File:171108E3 #1-571 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1628.0,0.00%,F,F)



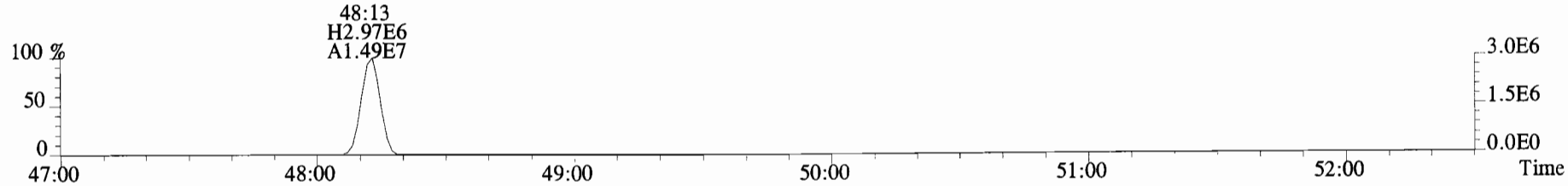
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2248.0,0.00%,F,F)



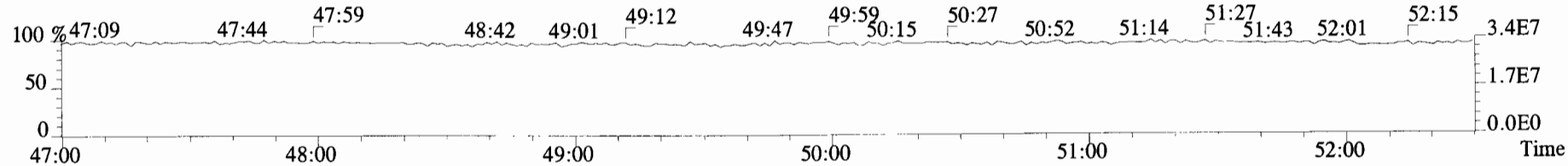
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2604.0,0.00%,F,F)

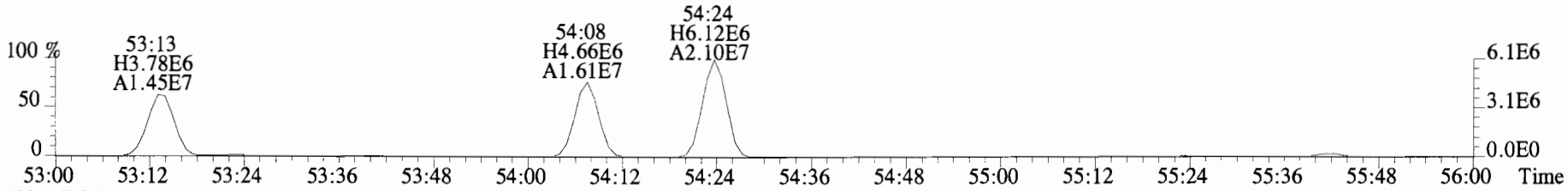


380.9760 F:4

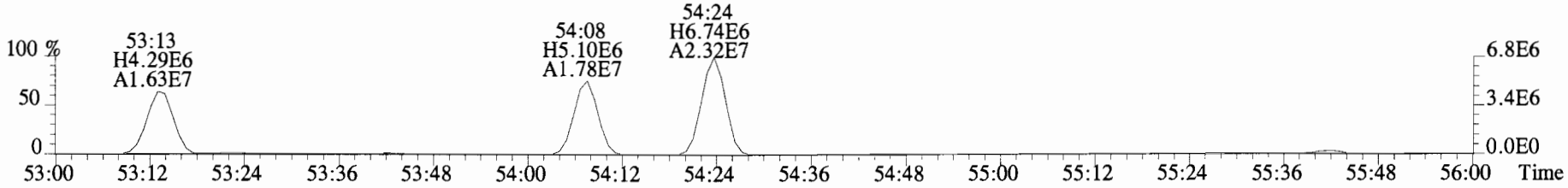


File:171108E3 #1-407 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1

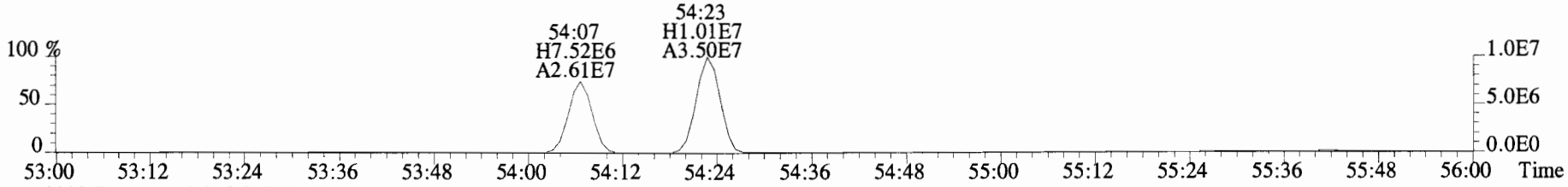
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2888.0,0.00%,F,F)



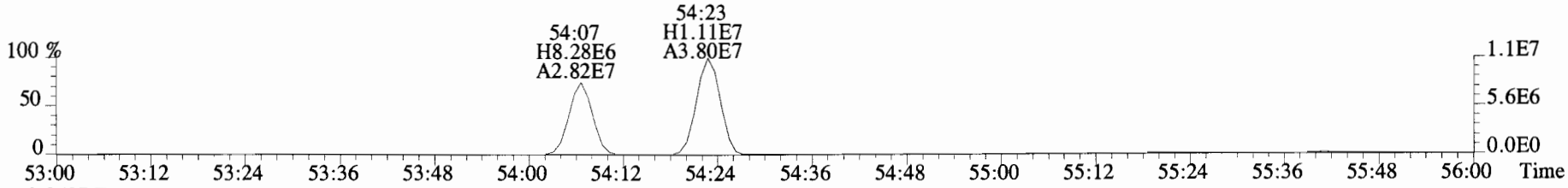
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



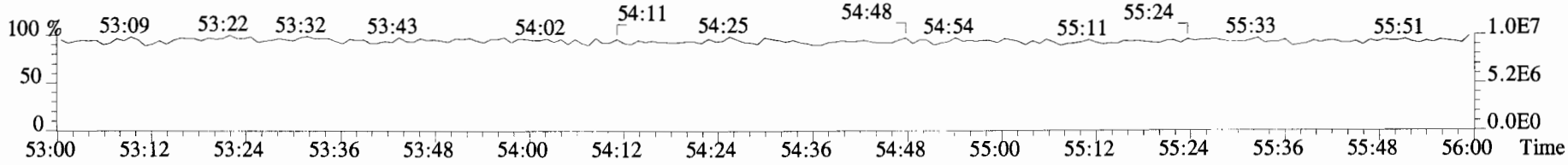
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3240.0,0.00%,F,F)



441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3224.0,0.00%,F,F)

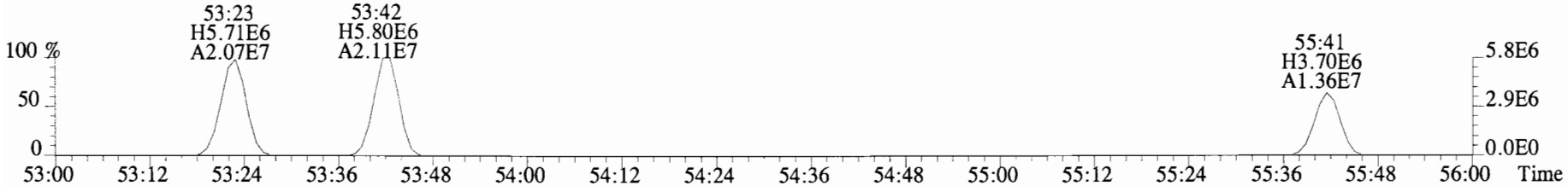


492.9697 F:5

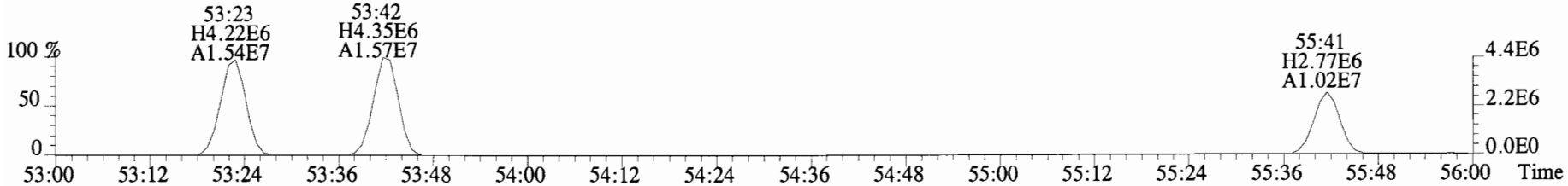


File:171108E3 #1-407 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1

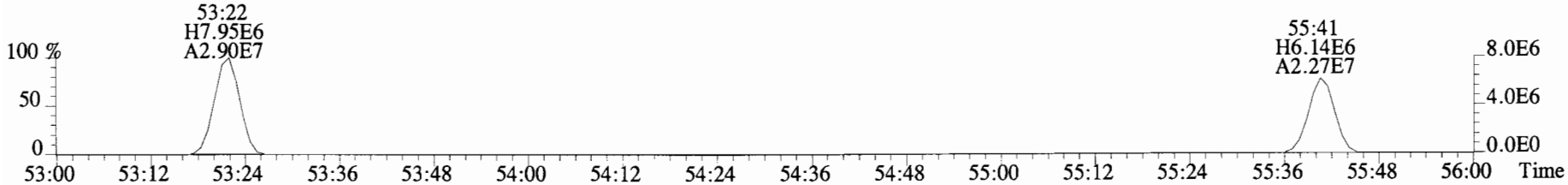
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6912.0,0.00%,F,F)



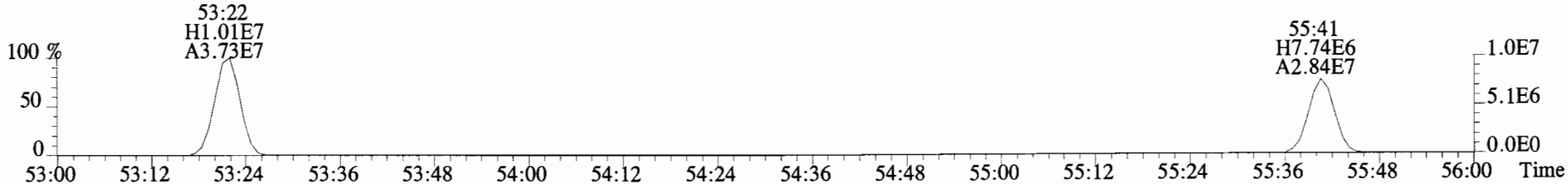
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4428.0,0.00%,F,F)



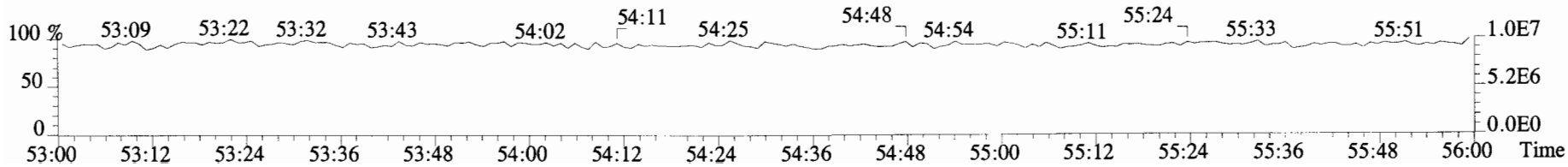
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8296.0,0.00%,F,F)



475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11888.0,0.00%,F,F)

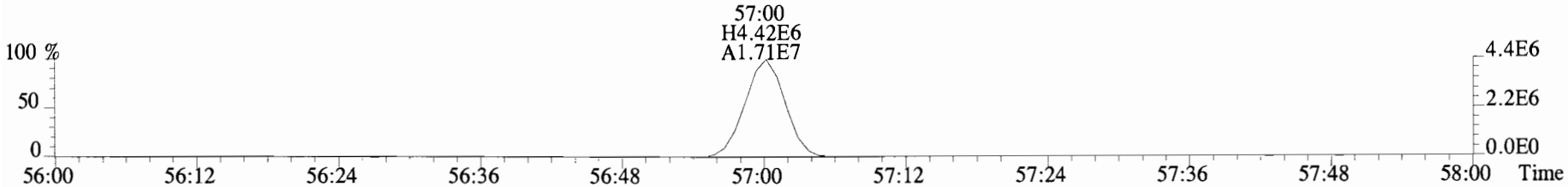


492.9697 F:5

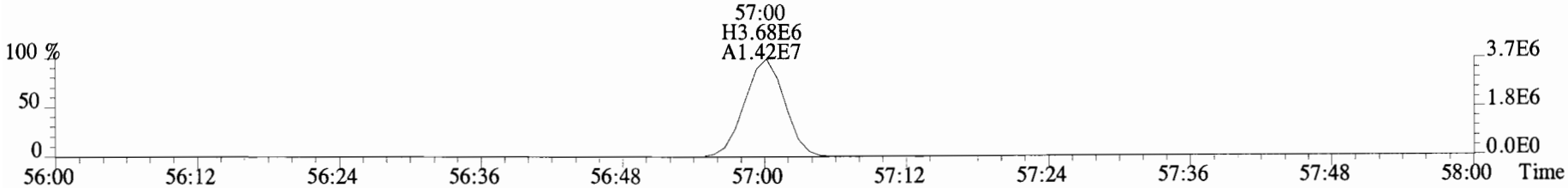


File:171108E3 #1-407 Acq: 9-NOV-2017 00:04:28 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171108E3-1 PCB CS3 17I0520 Exp:PCB_ZB1

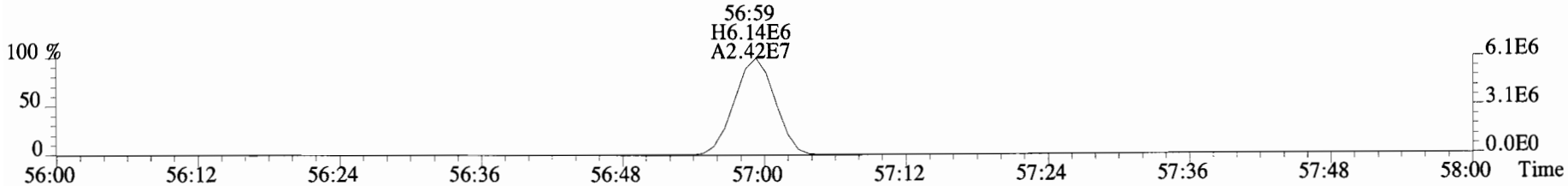
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1828.0,0.00%,F,F)



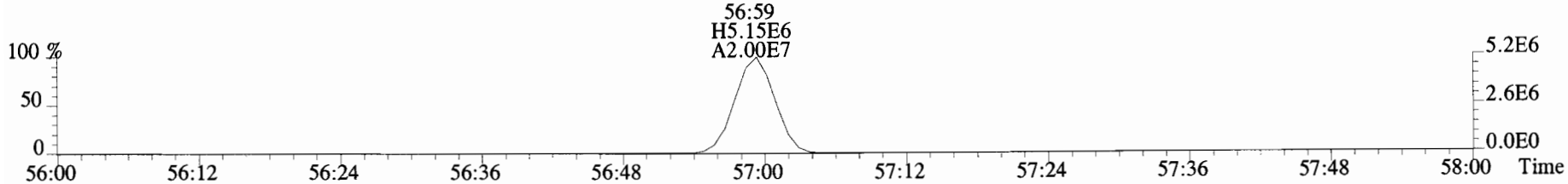
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



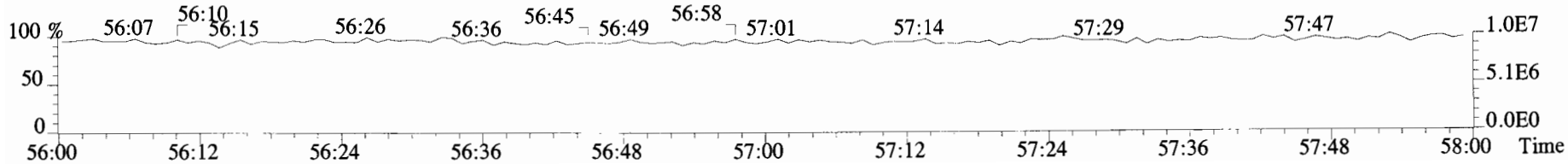
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)

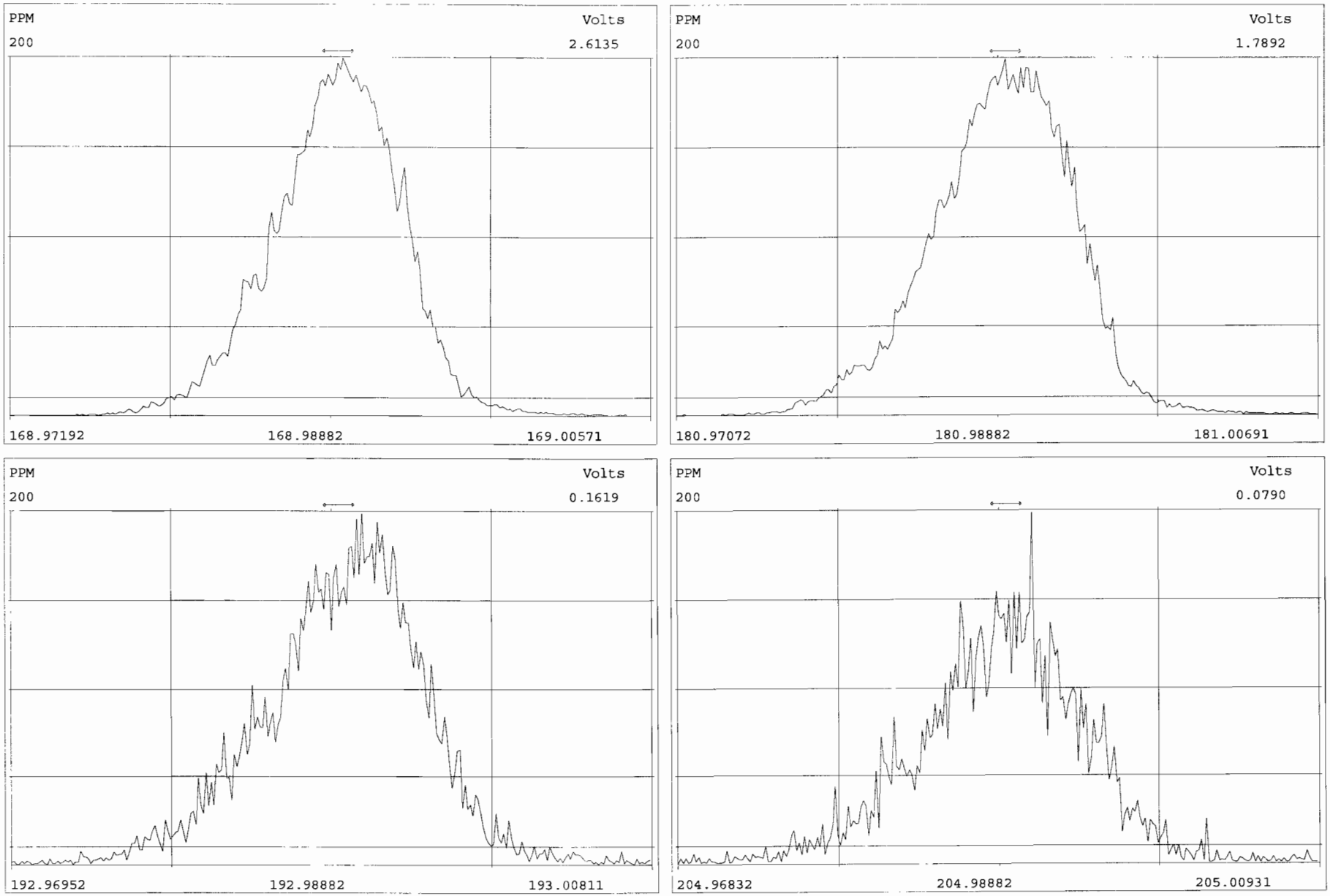


492.9697 F:5



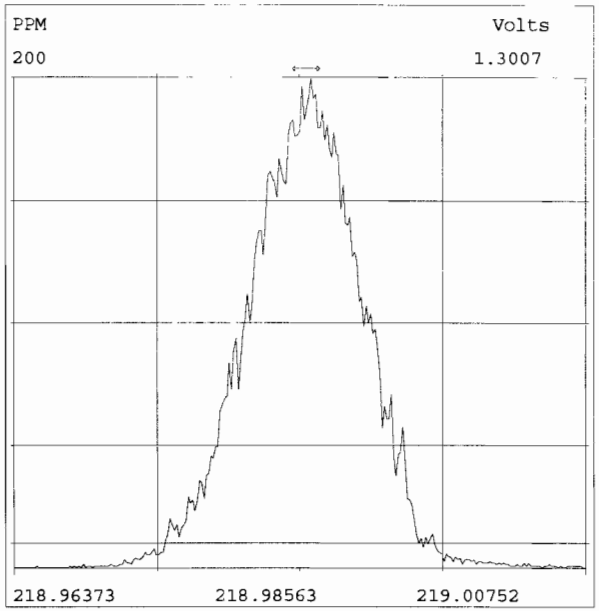
Peak Locate Examination: 9-NOV-2017:08:45 File:171108E3

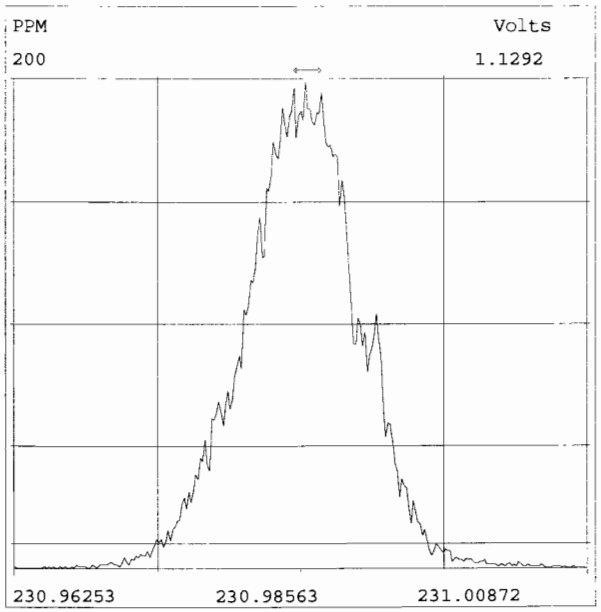
Experiment:PCB_ZB1 Function:1 Reference:PFK

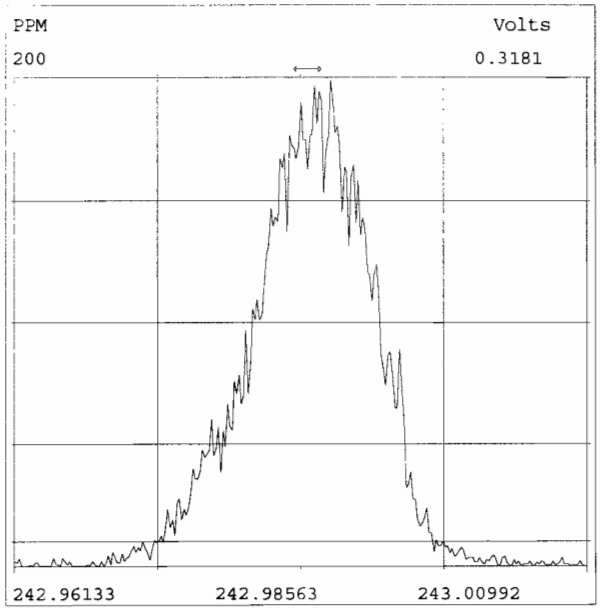


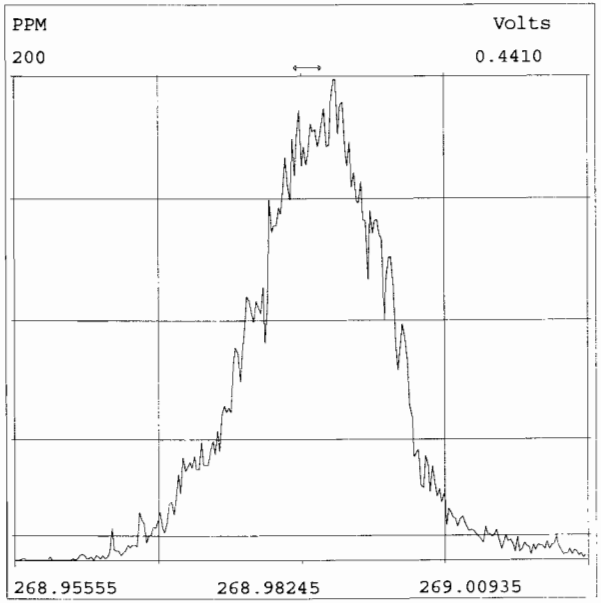
Peak Locate Examination: 9-NOV-2017:08:46 File:171108E3

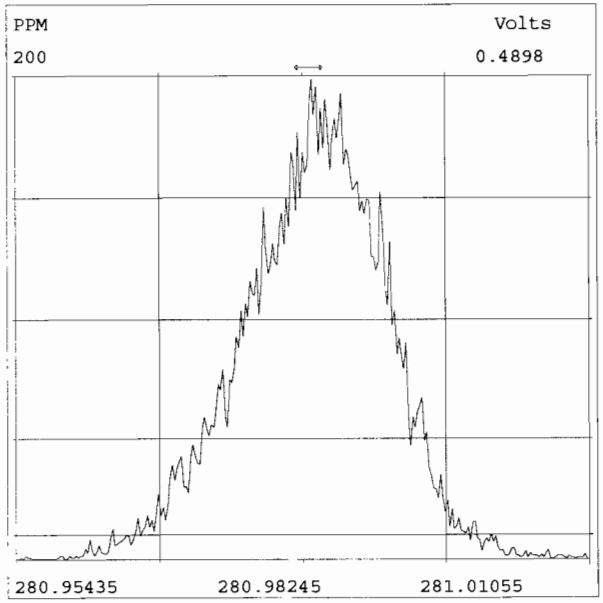
Experiment:PCB_ZB1 Function:2 Reference:PFK





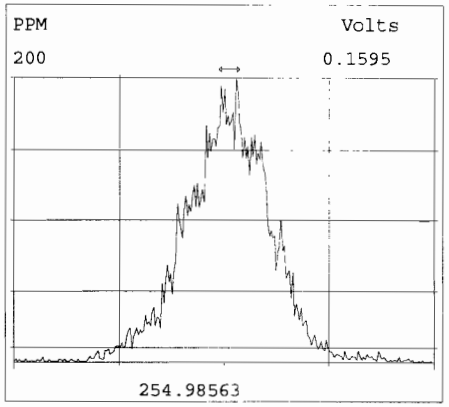


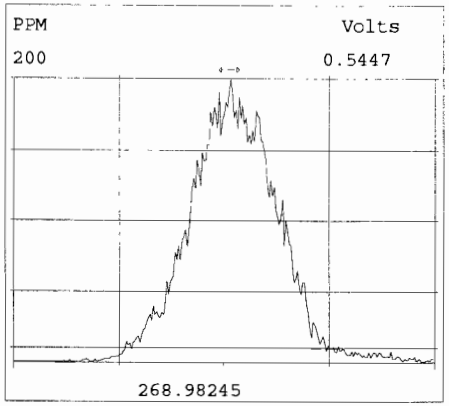


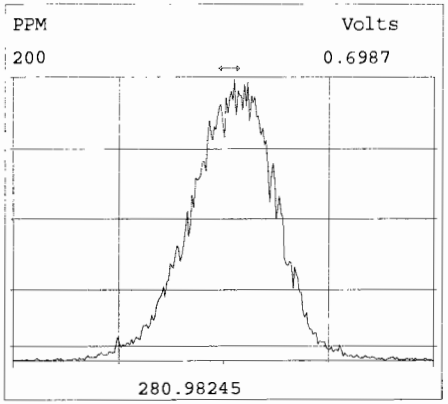


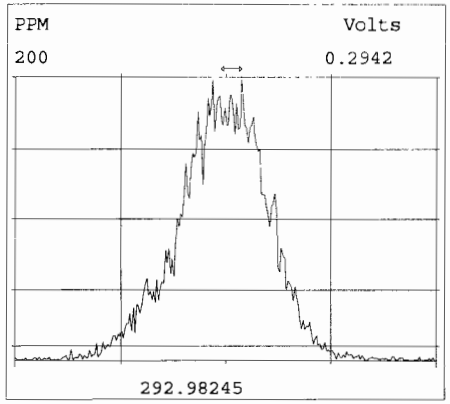
Peak Locate Examination: 9-NOV-2017:08:46 File:171108E3

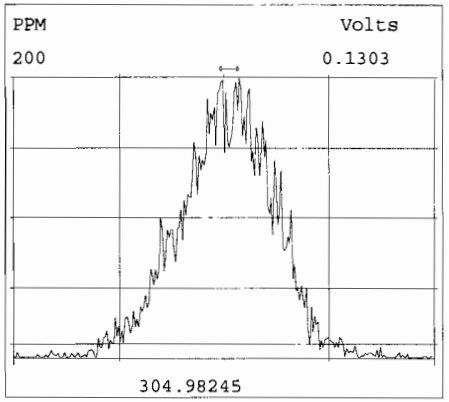
Experiment:PCB_ZB1 Function:3 Reference:PFK

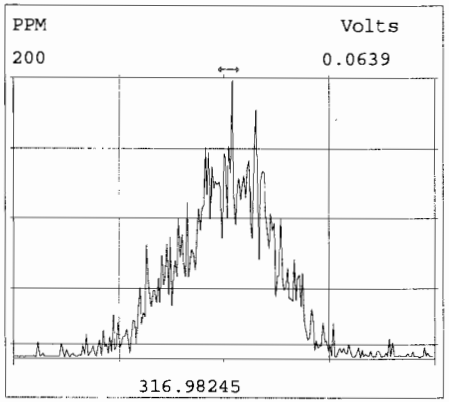


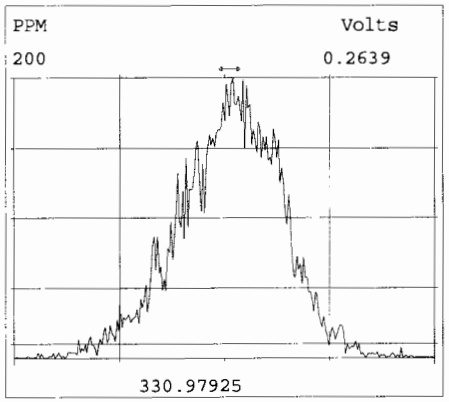


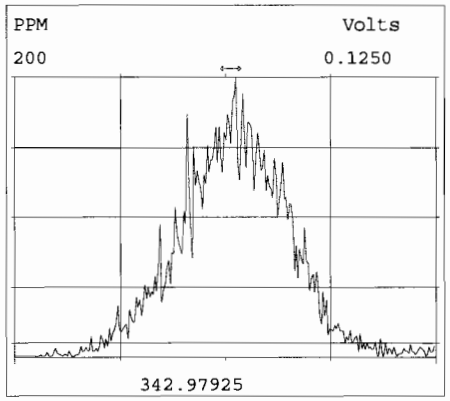


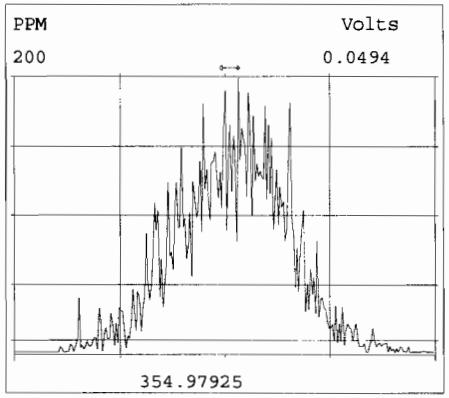


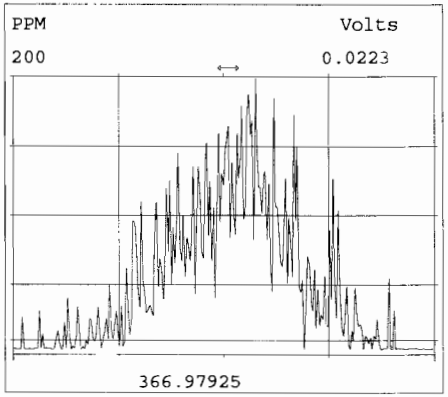


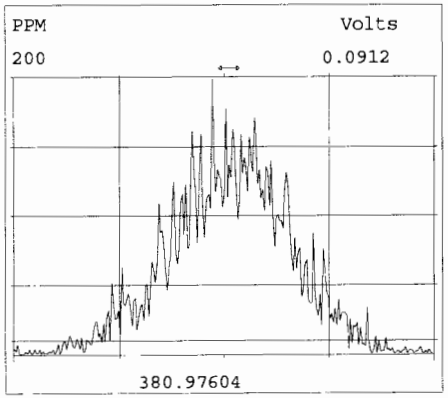






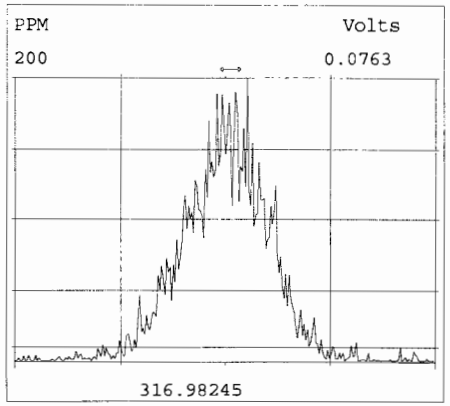


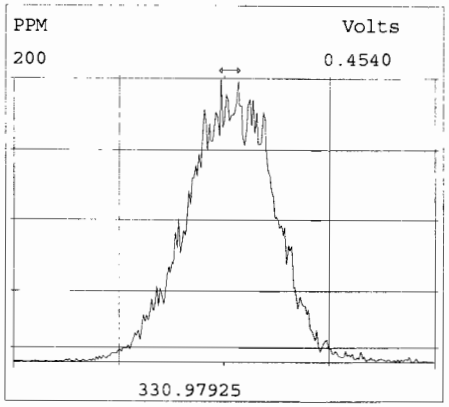


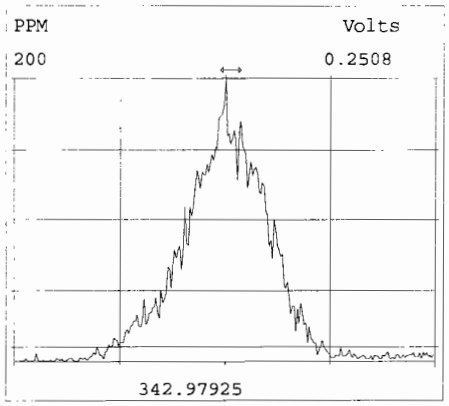


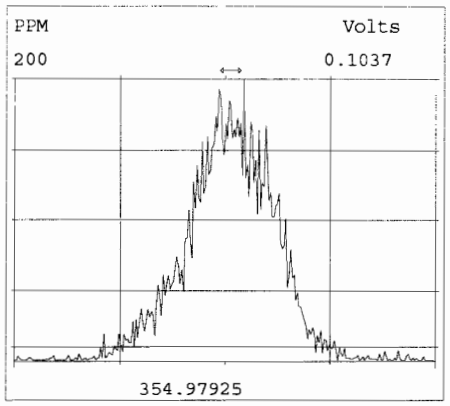
Peak Locate Examination: 9-NOV-2017:08:46 File:171108E3

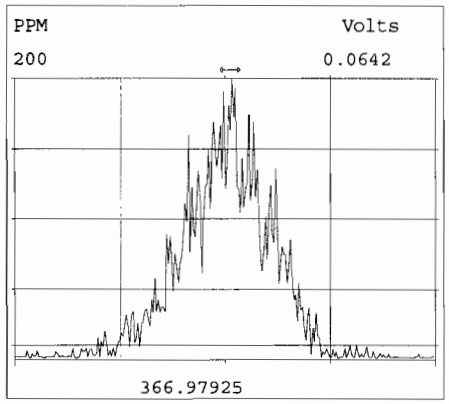
Experiment:PCB_ZB1 Function:4 Reference:PFK

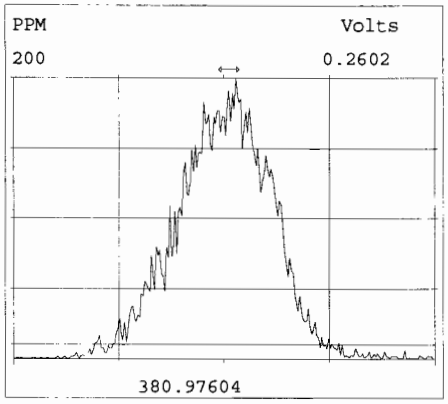


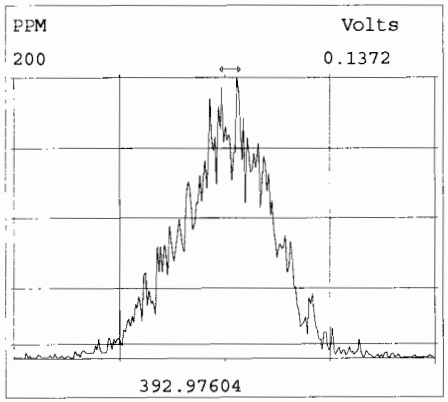


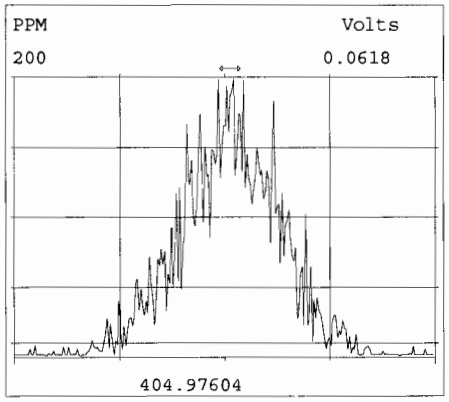


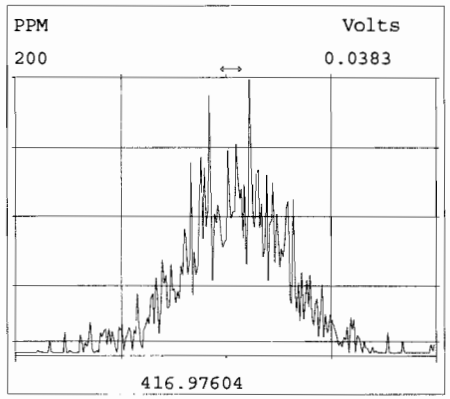


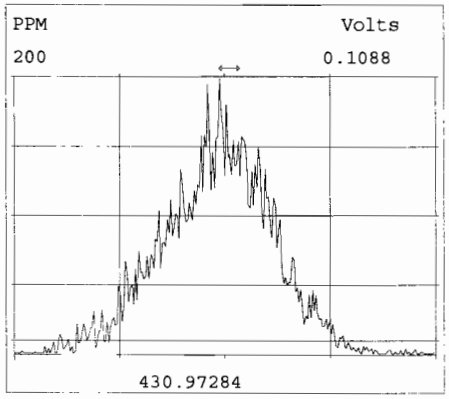


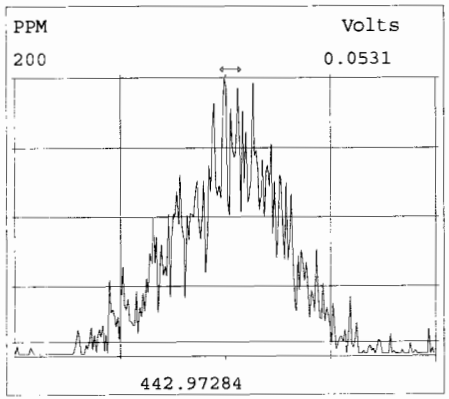






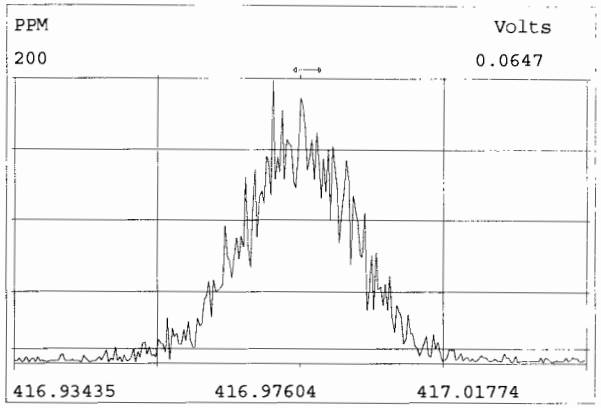


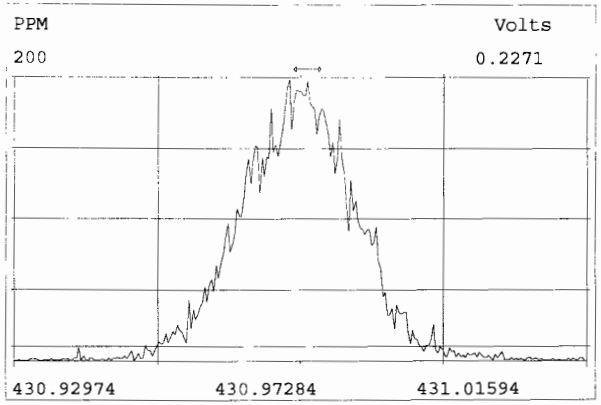


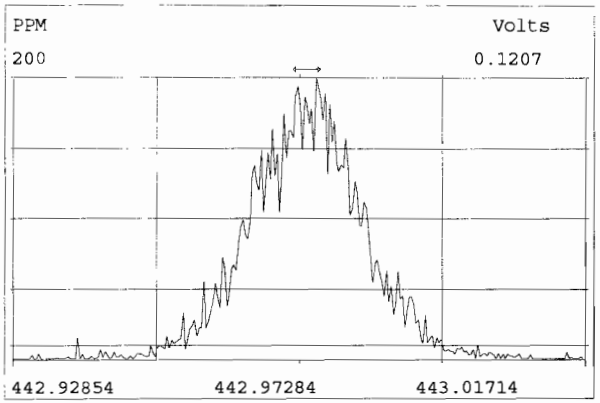


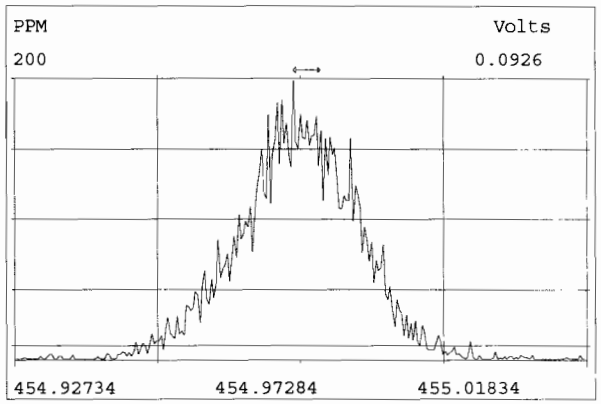
Peak Locate Examination: 9-NOV-2017:08:47 File:171108E3

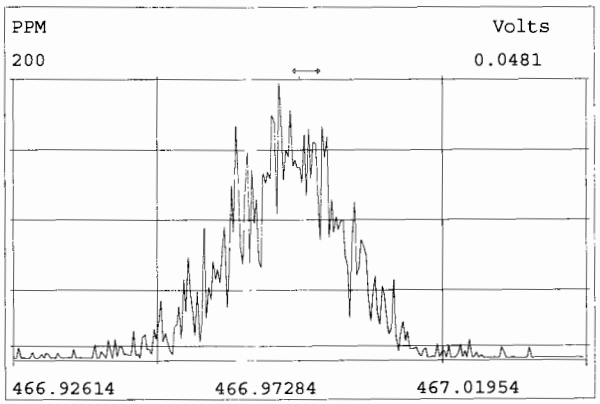
Experiment:PCB_ZB1 Function:5 Reference:PFK

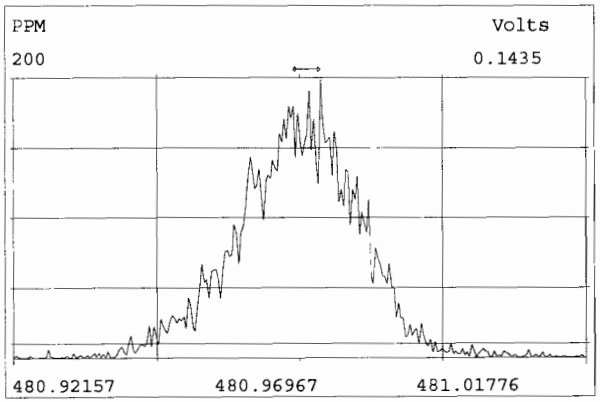


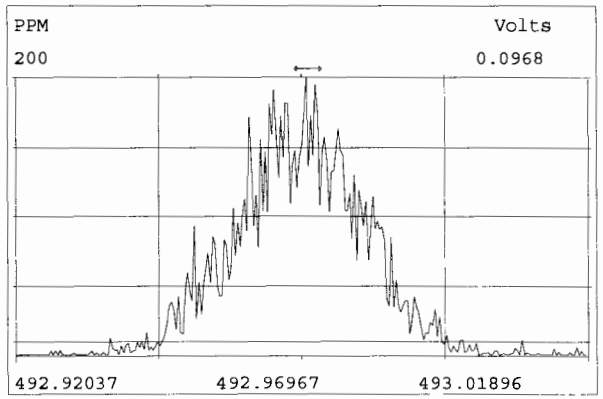


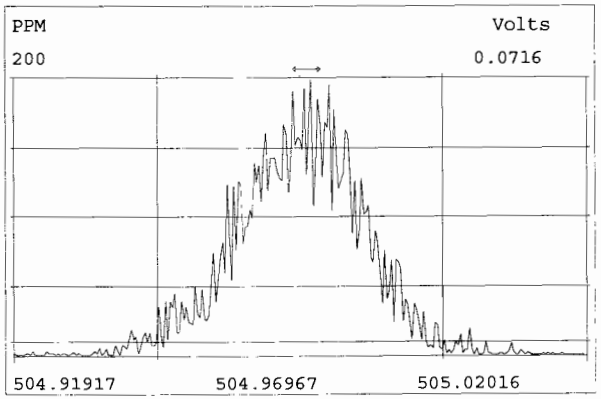


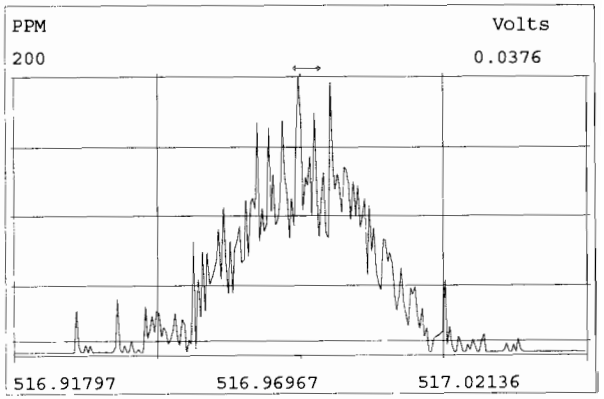






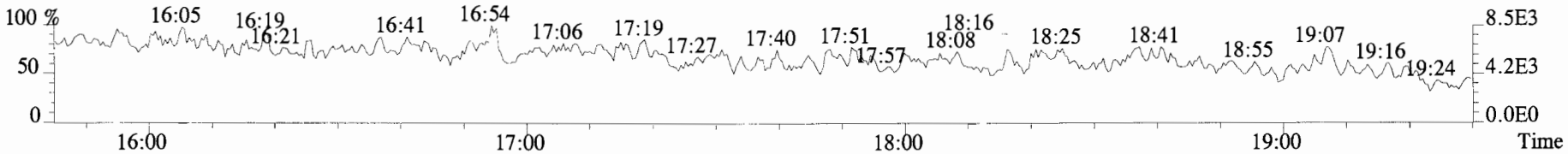




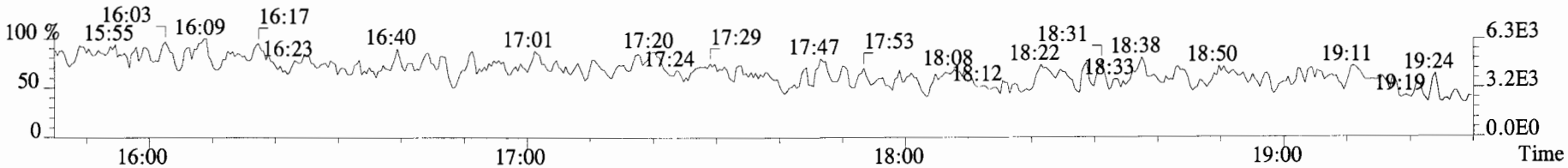


Solvent Blanks

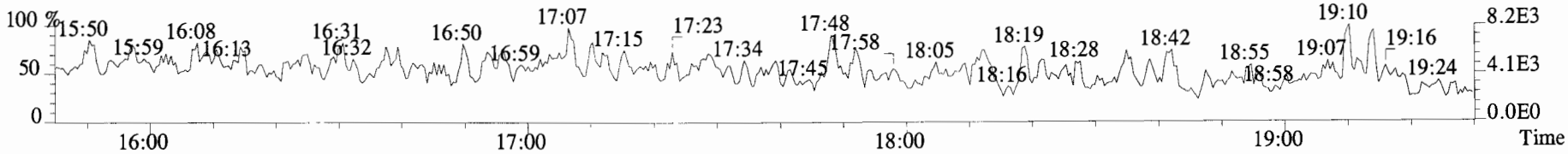
File:171108E3 #1-866 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7400.0,0.00%,F,F)



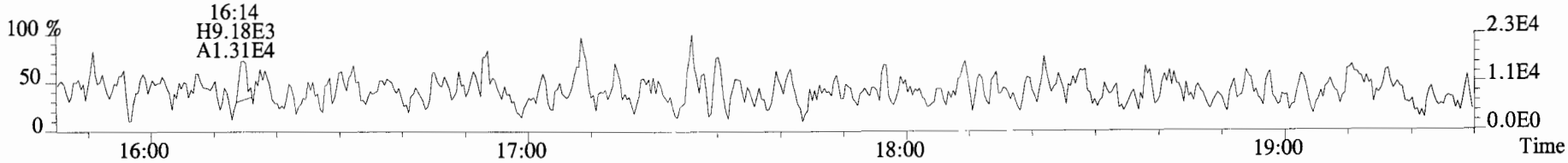
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5416.0,0.00%,F,F)



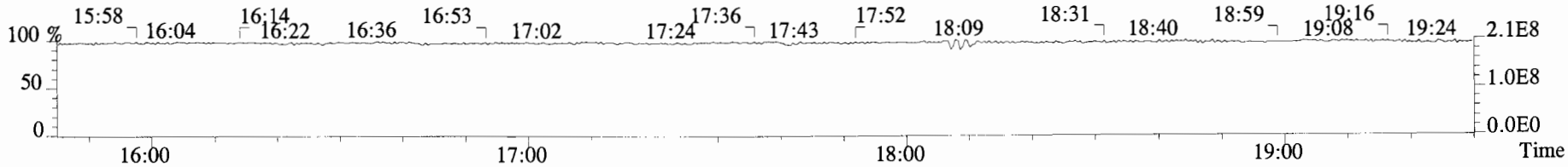
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5748.0,0.00%,F,F)



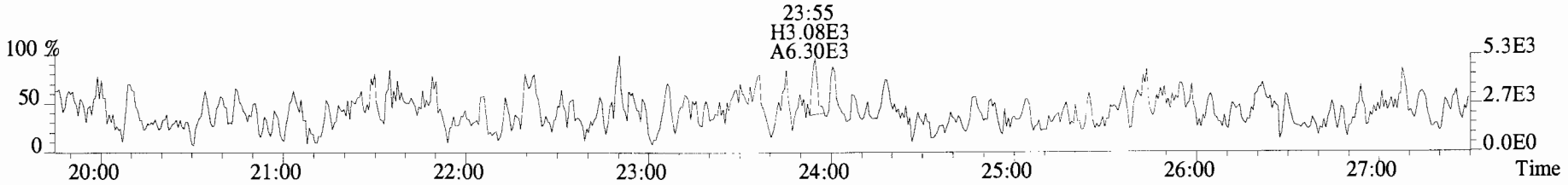
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12200.0,0.00%,F,F)



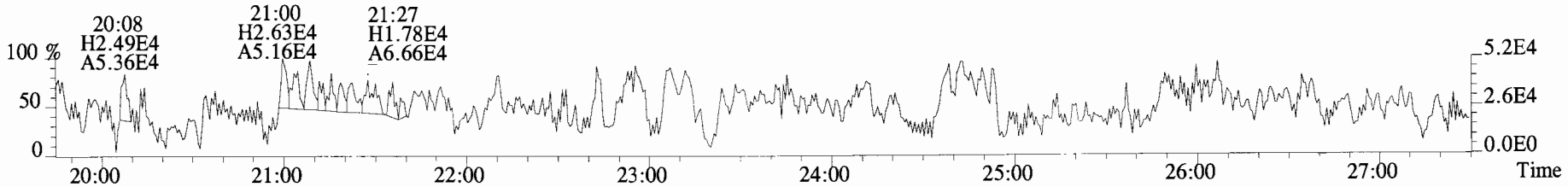
180.9880 S:2



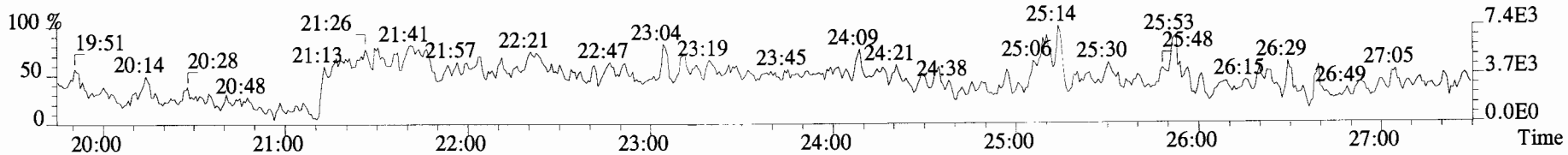
File:171108E3 #1-757 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2796.0,0.00%,F,F)



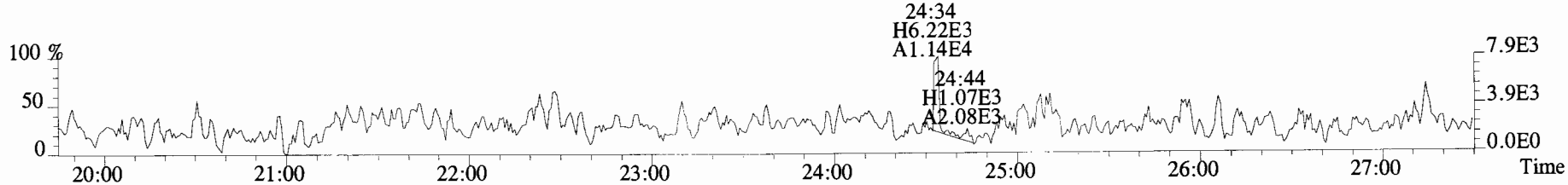
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34296.0,0.00%,F,F)



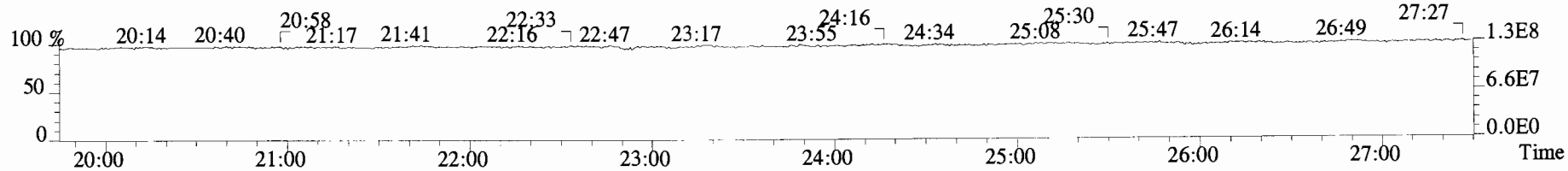
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4348.0,0.00%,F,F)



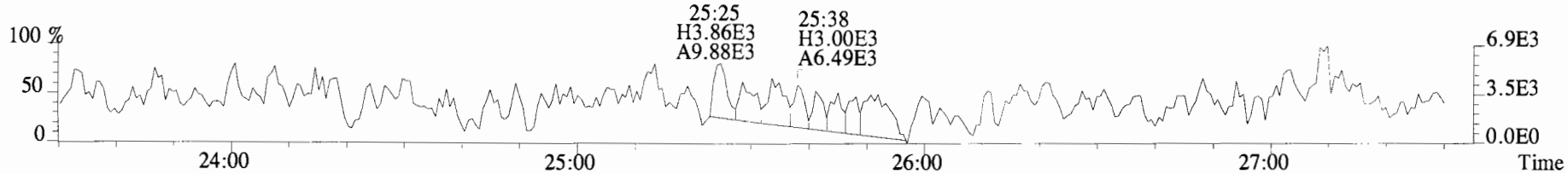
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2916.0,0.00%,F,F)



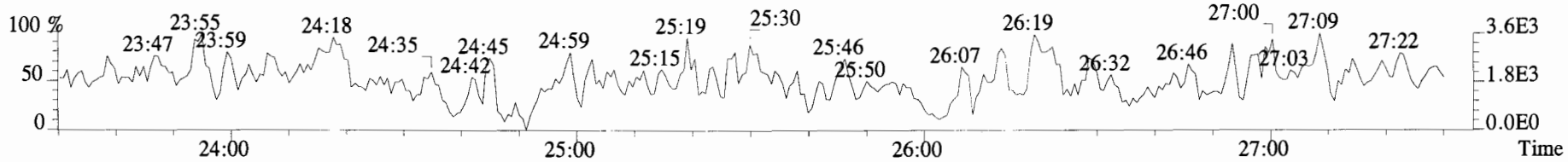
230.9856 S:2 F:2



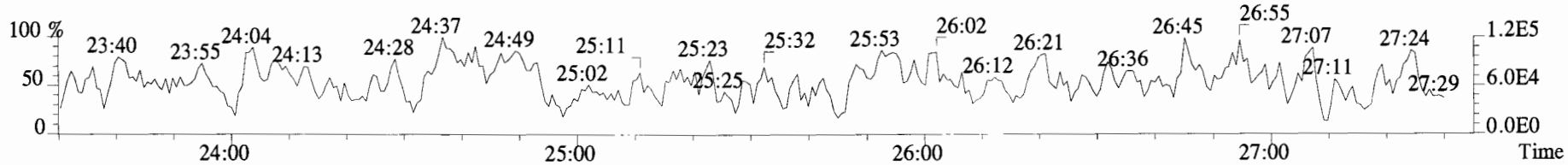
File:171108E3 #1-757 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4060.0,0.00%,F,F)



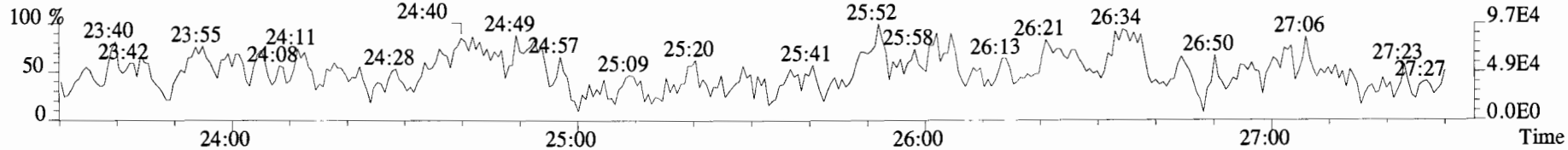
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2412.0,0.00%,F,F)



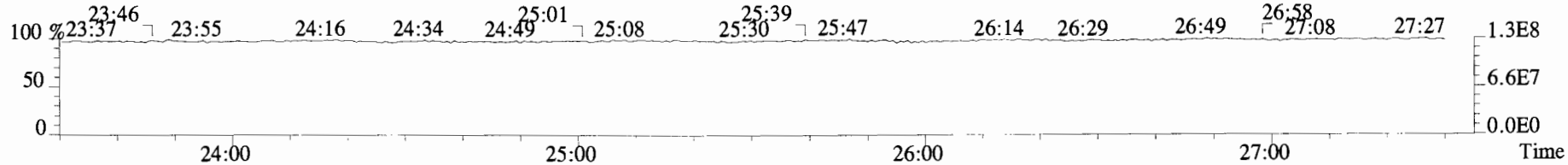
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87072.0,0.00%,F,F)



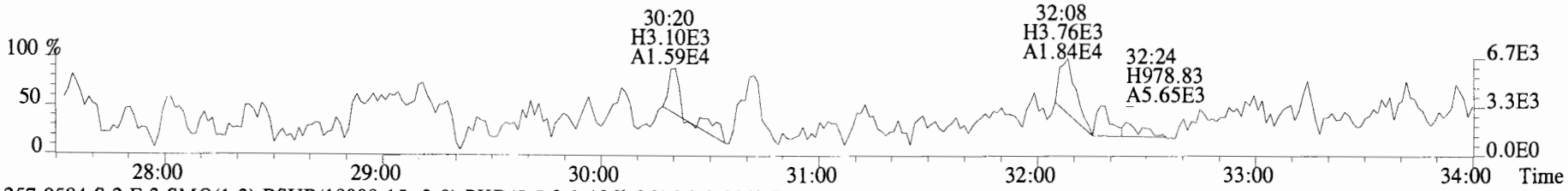
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,62248.0,0.00%,F,F)



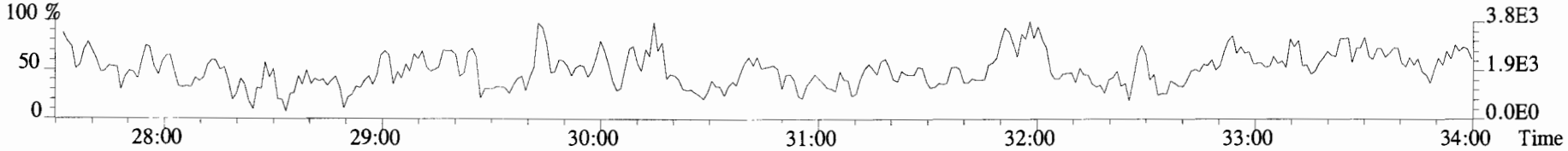
230.9856 S:2 F:2



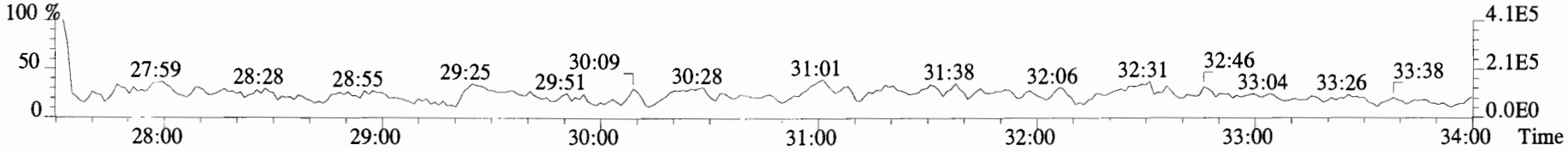
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3452.0,0.00%,F,F)



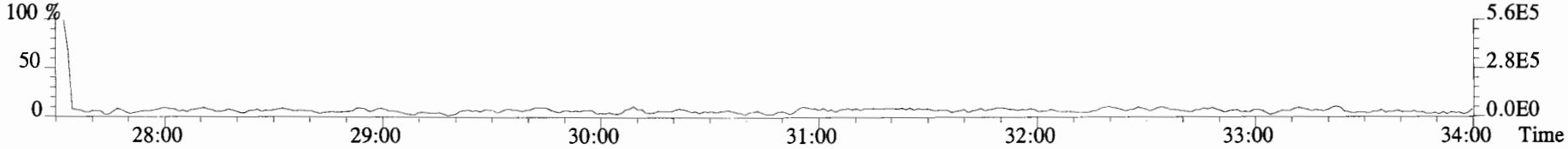
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)



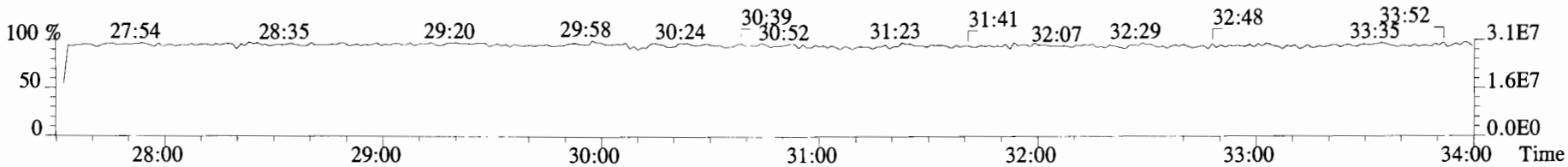
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124924.0,0.00%,F,F)



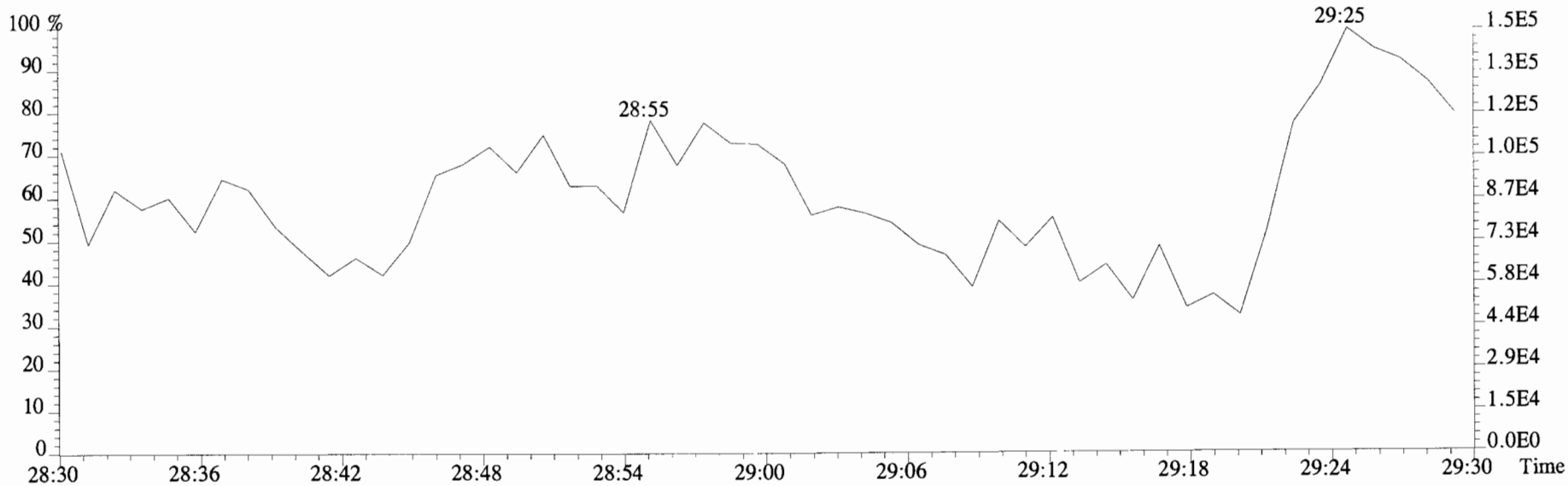
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45596.0,0.00%,F,F)



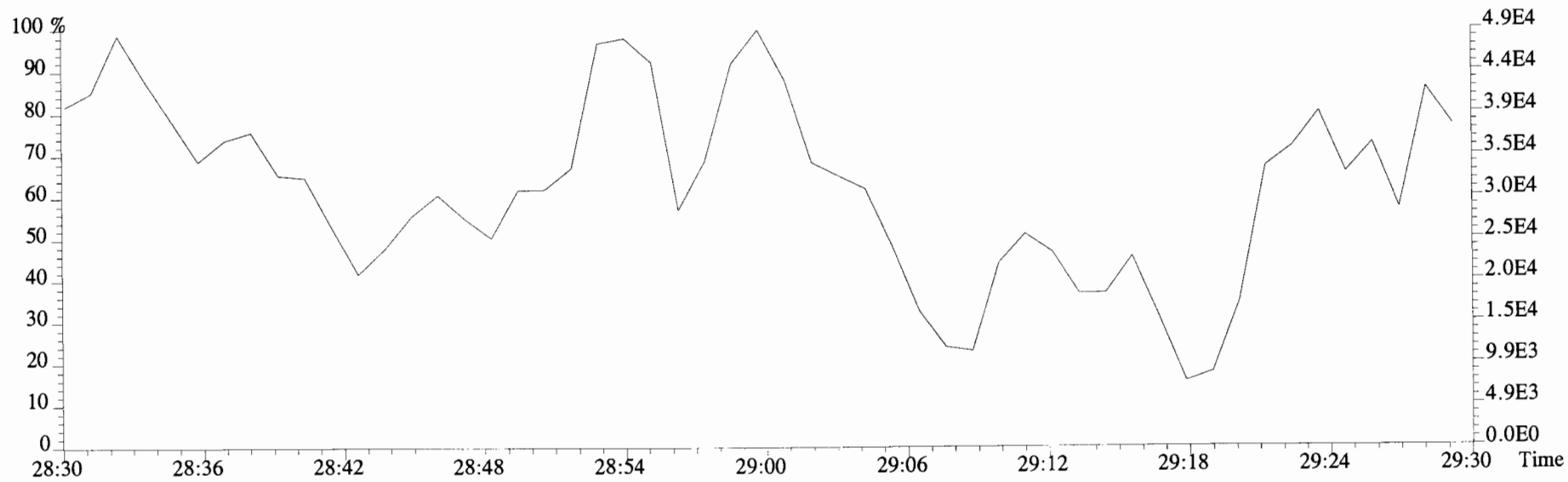
330.9792 S:2 F:3



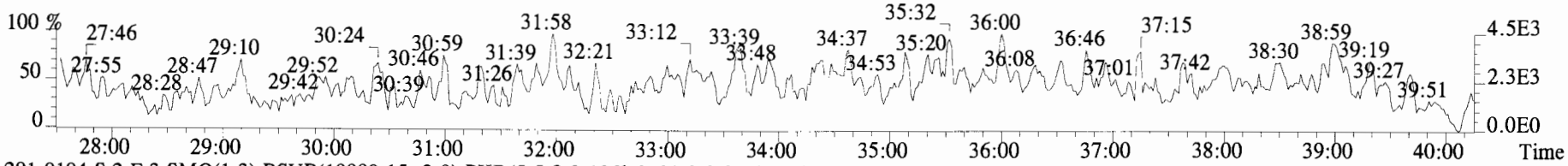
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124924.0,0.00%,F,F)



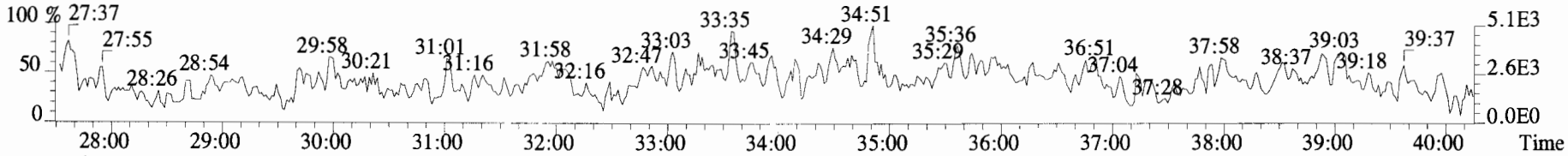
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45596.0,0.00%,F,F)



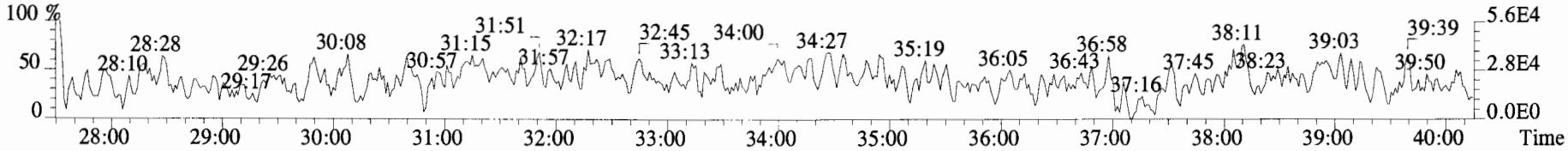
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



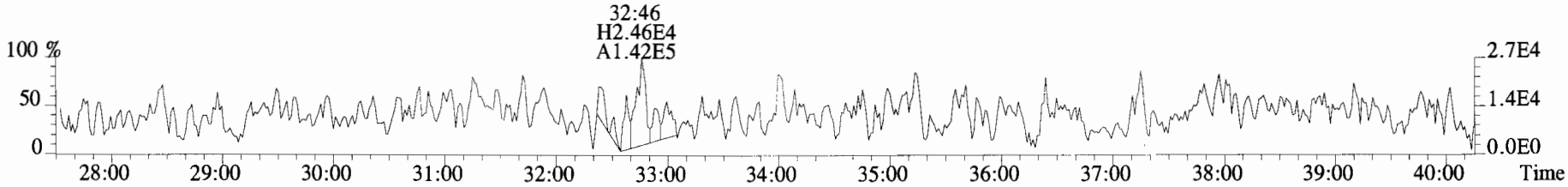
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



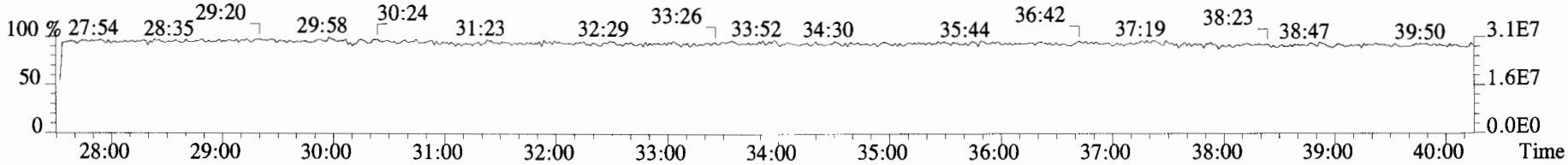
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29444.0,0.00%,F,F)



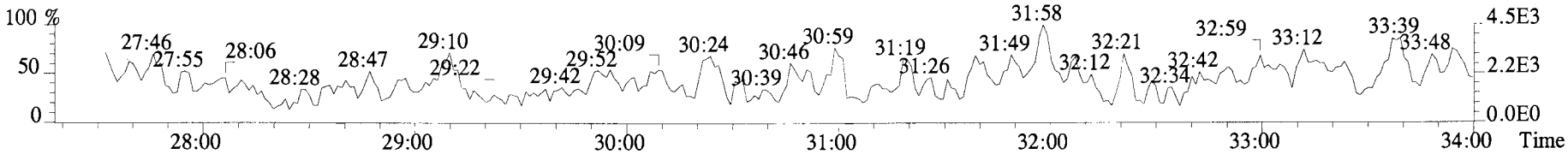
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14748.0,0.00%,F,F)



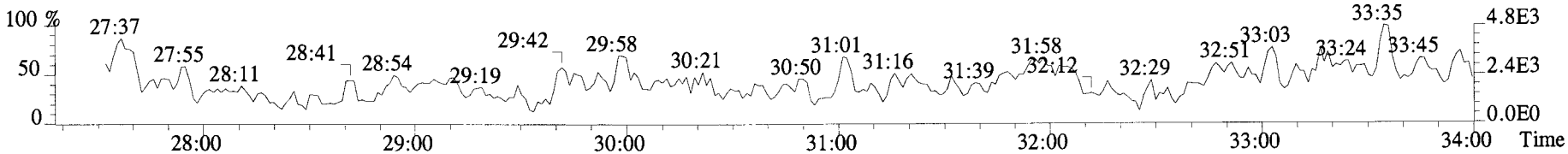
330.9792 S:2 F:3



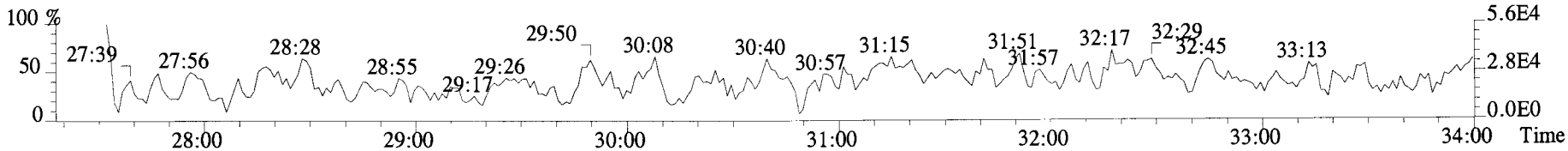
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



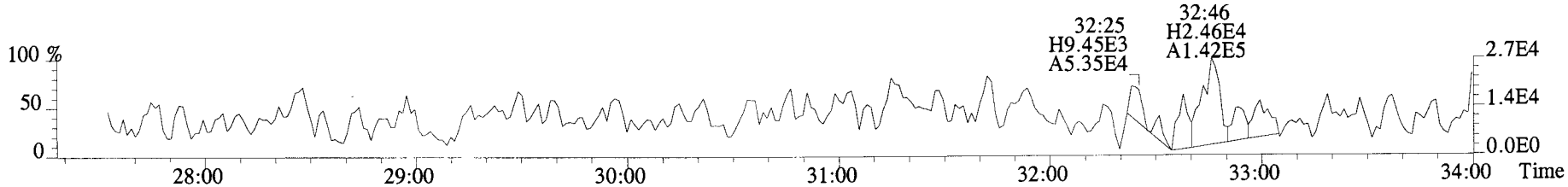
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



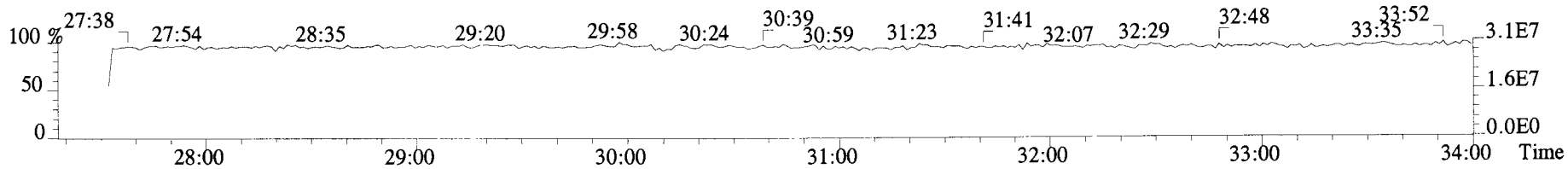
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29444.0,0.00%,F,F)



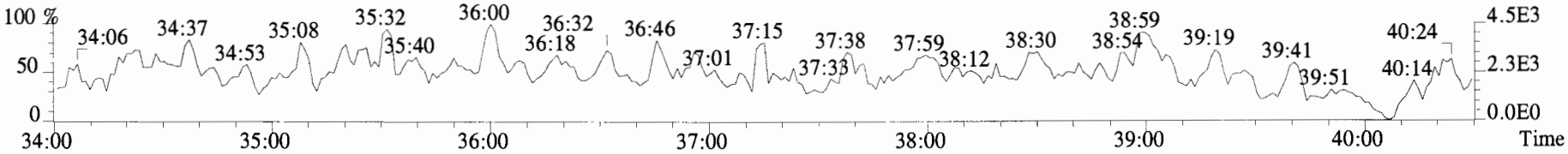
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14748.0,0.00%,F,F)



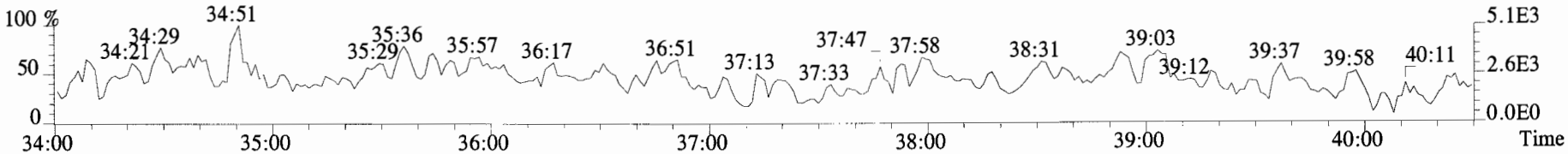
330.9792 S:2 F:3



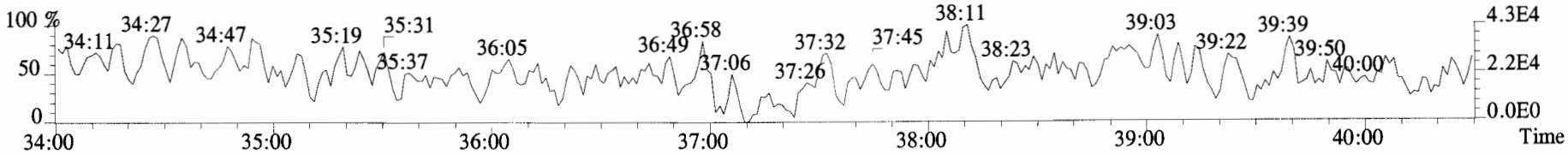
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



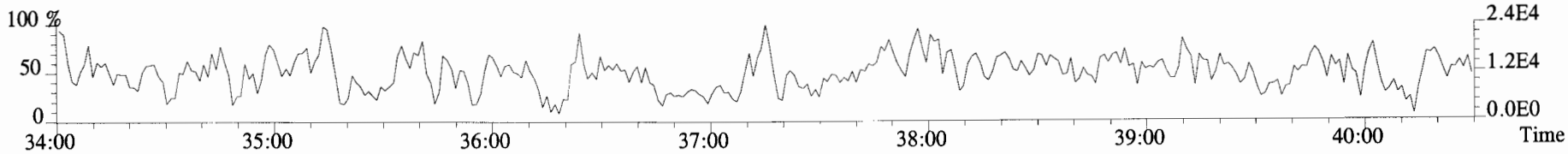
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



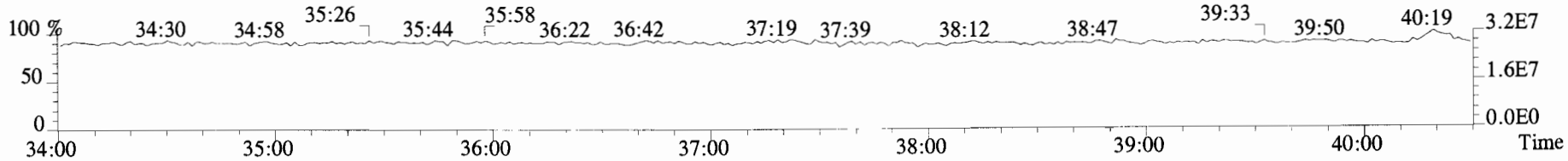
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29444.0,0.00%,F,F)



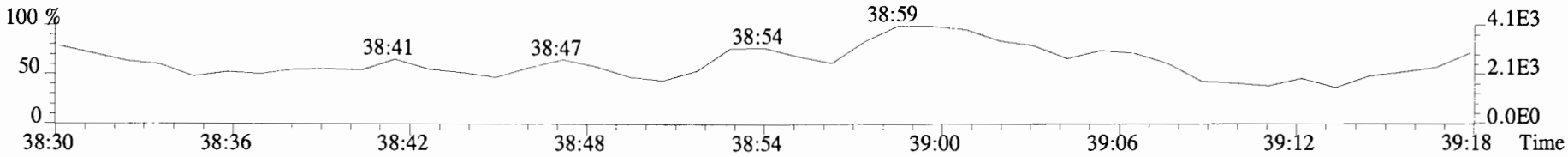
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14748.0,0.00%,F,F)



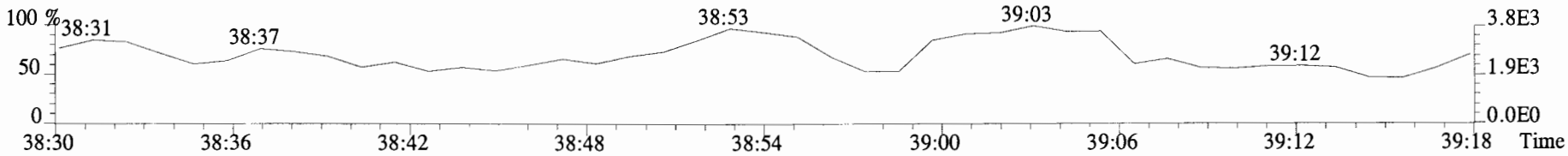
330.9792 S:2 F:3



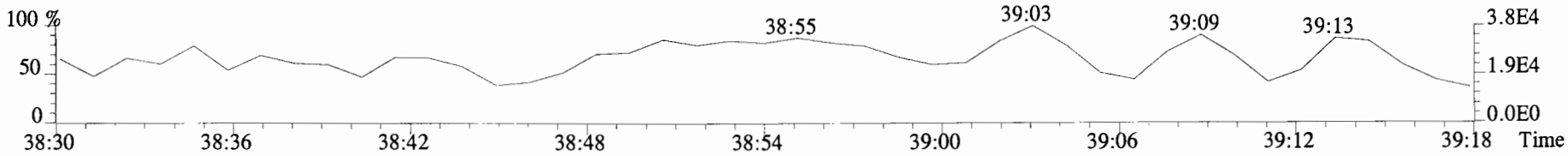
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



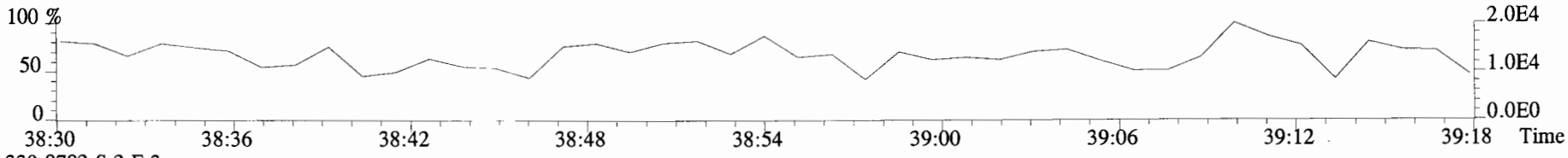
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



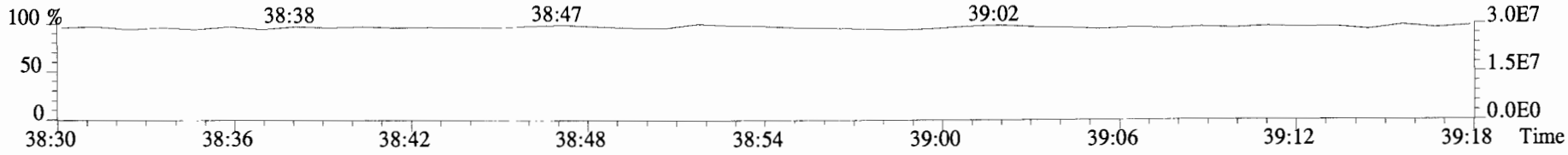
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29444.0,0.00%,F,F)



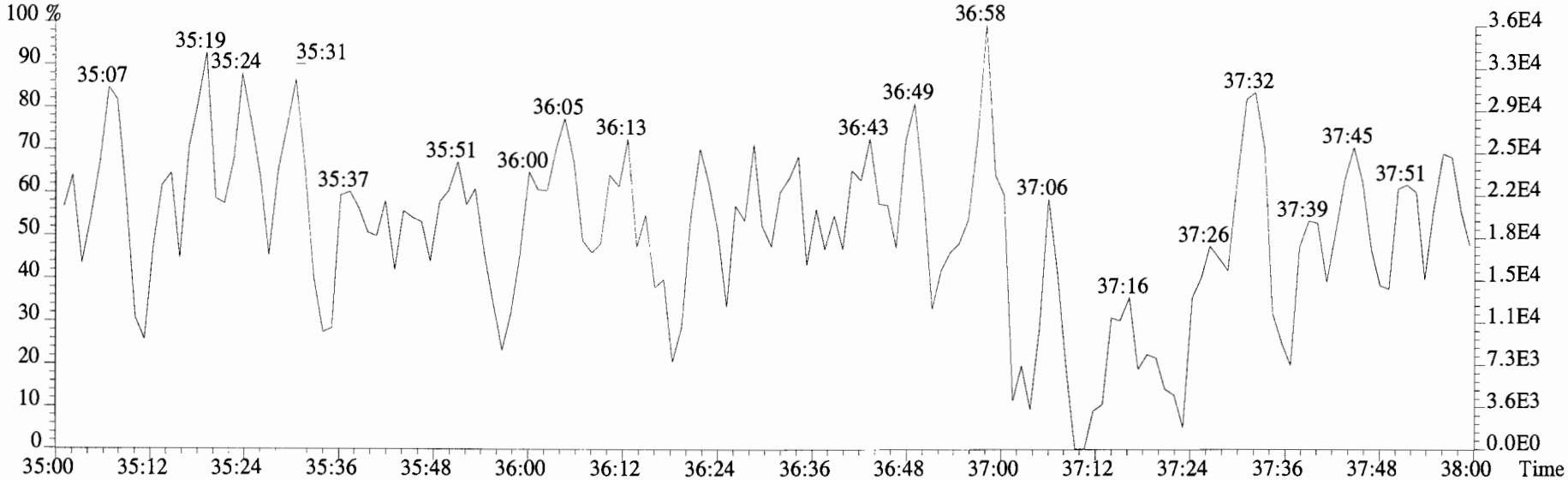
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14748.0,0.00%,F,F)



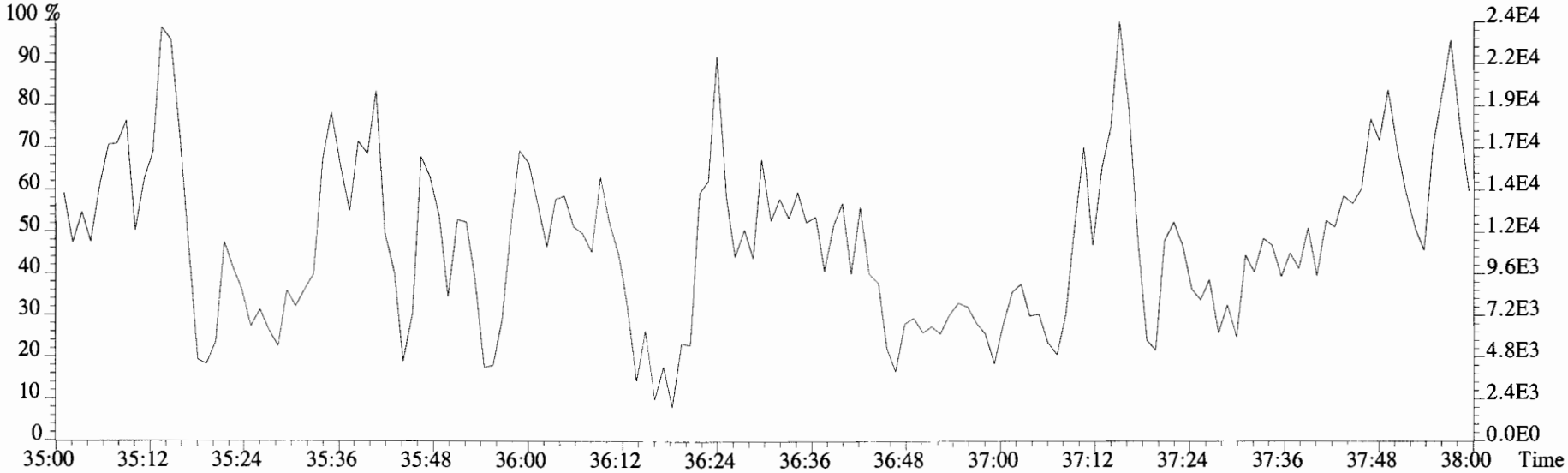
330.9792 S:2 F:3



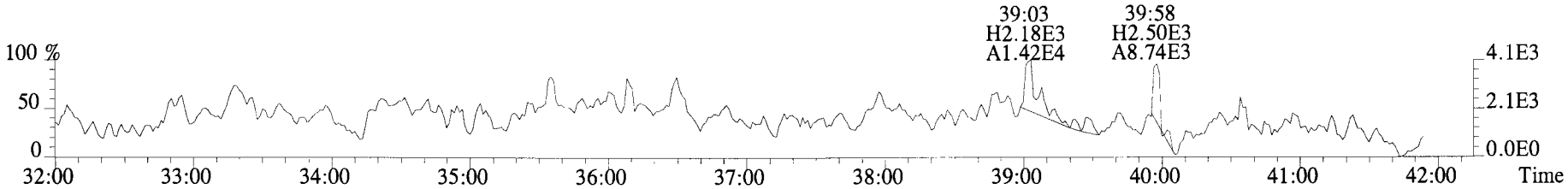
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29444.0,0.00%,F,F)



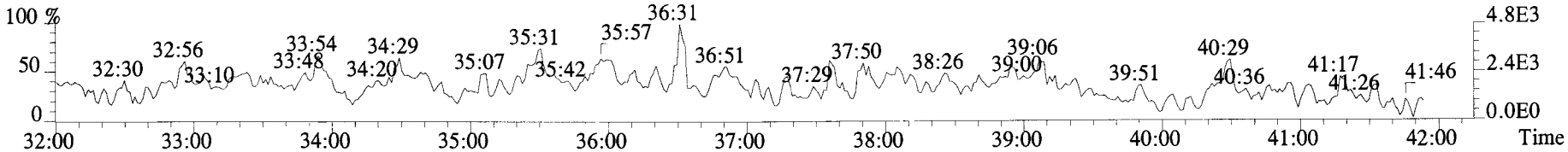
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14748.0,0.00%,F,F)



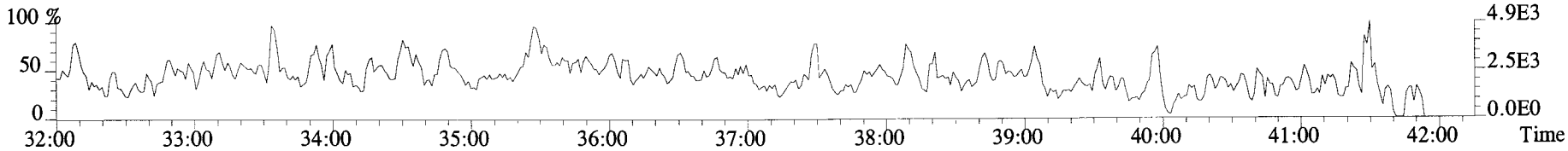
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2100.0,0.00%,F,F)



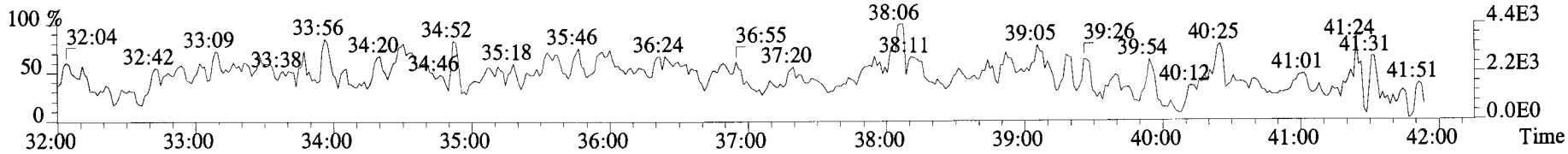
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2024.0,0.00%,F,F)



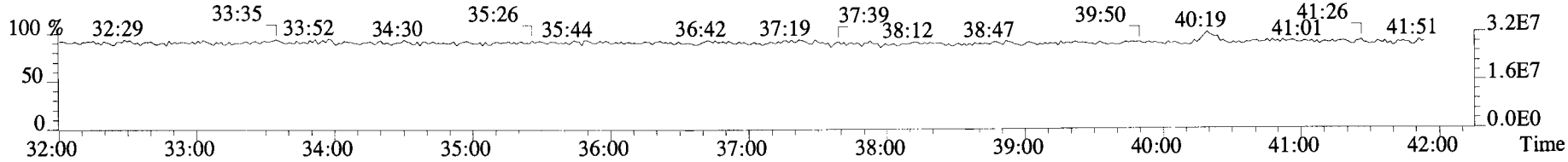
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2596.0,0.00%,F,F)



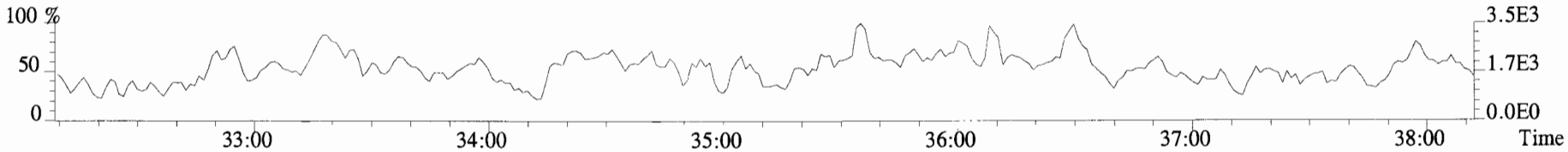
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



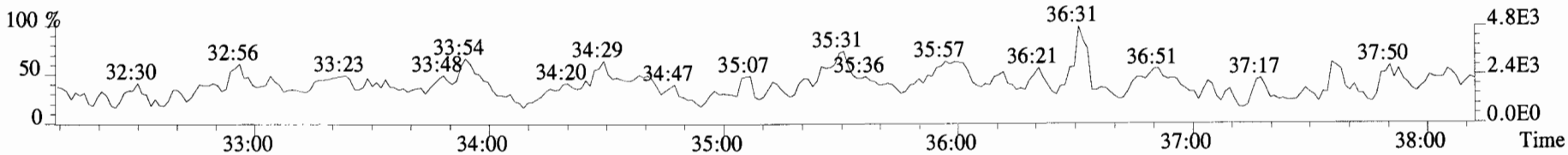
330.9792 S:2 F:3



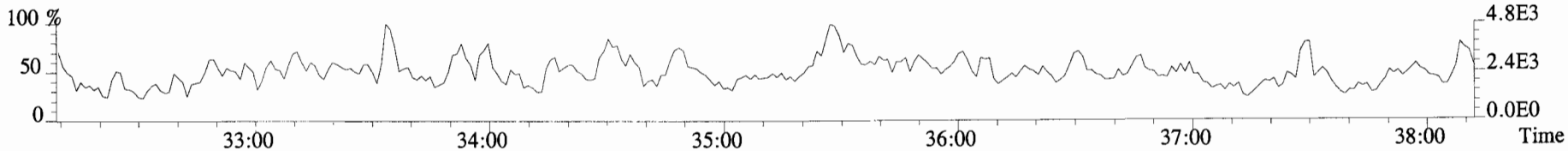
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2100.0,0.00%,F,F)



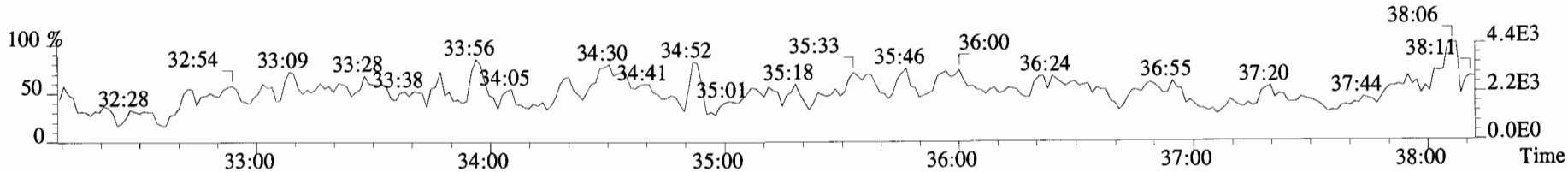
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2024.0,0.00%,F,F)



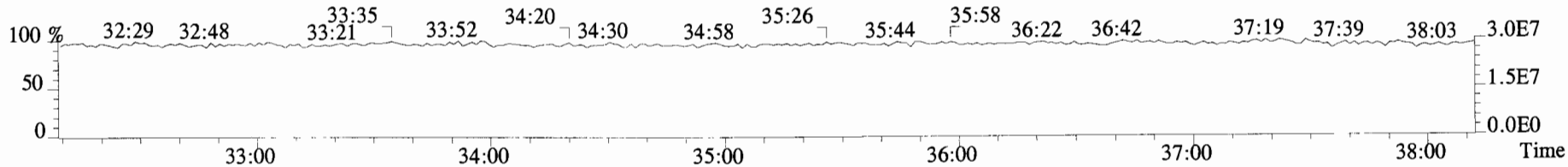
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2596.0,0.00%,F,F)



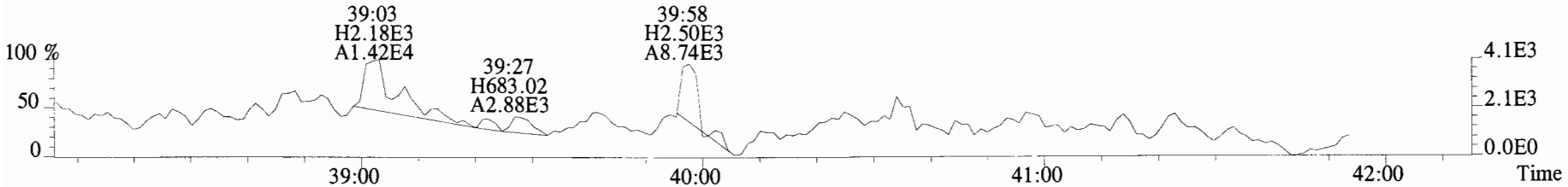
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



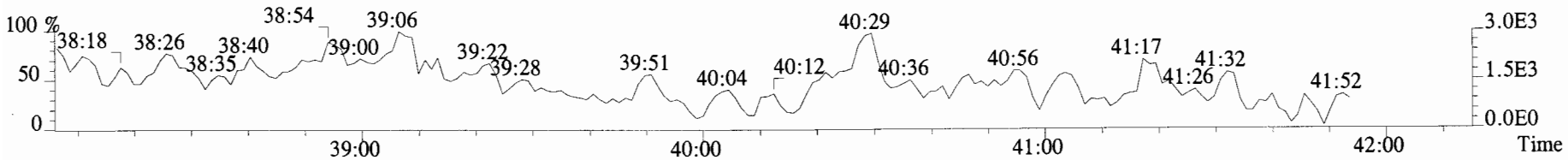
330.9792 S:2 F:3



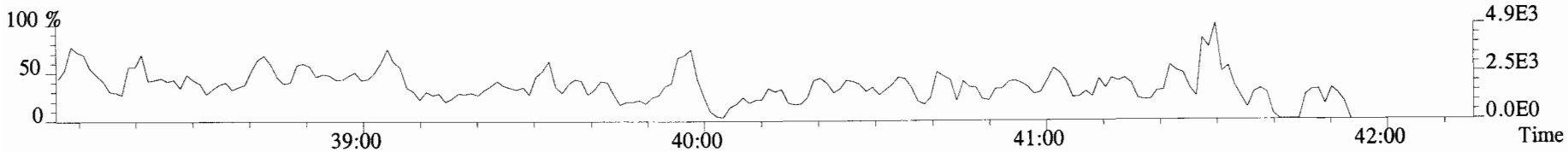
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2100.0,0.00%,F,F)



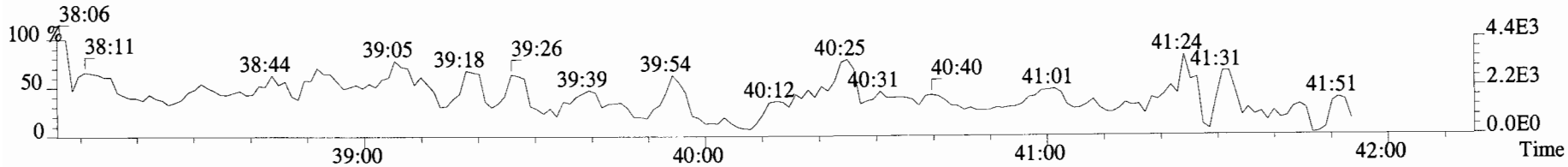
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2024.0,0.00%,F,F)



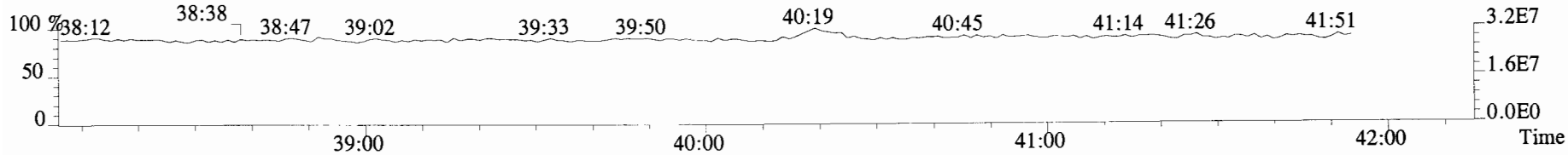
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2596.0,0.00%,F,F)



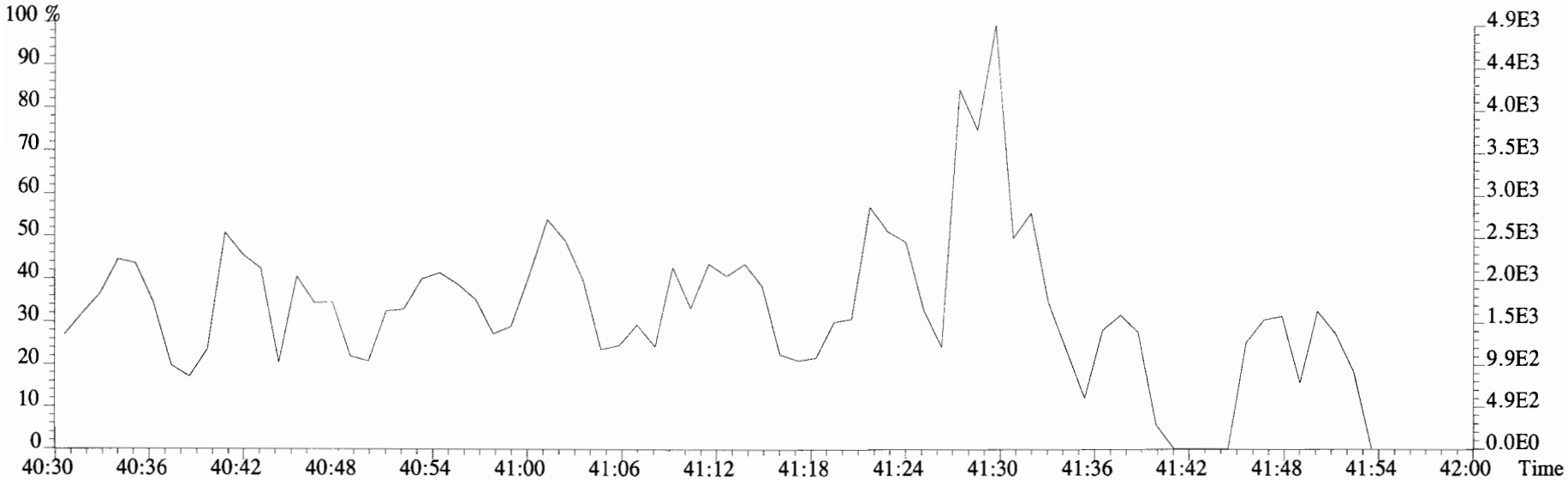
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



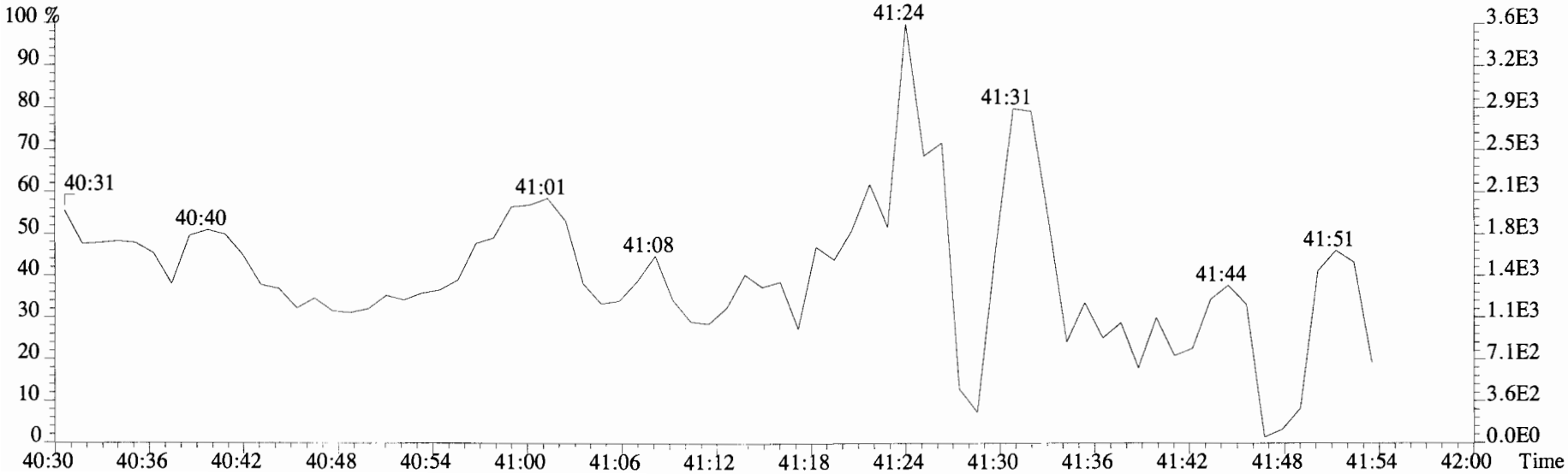
330.9792 S:2 F:3



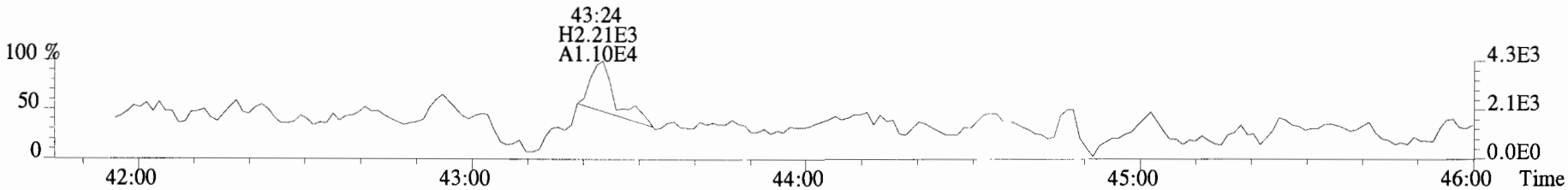
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2596.0,0.00%,F,F)



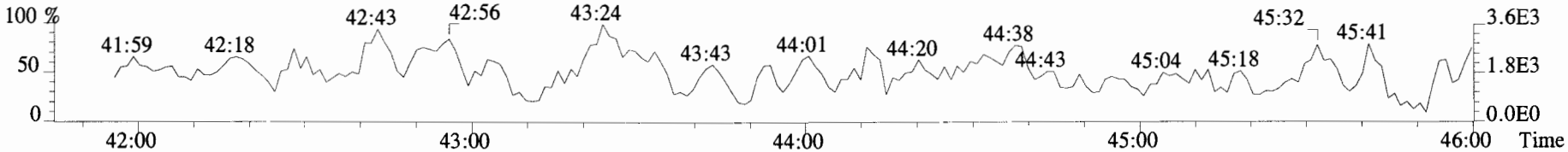
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



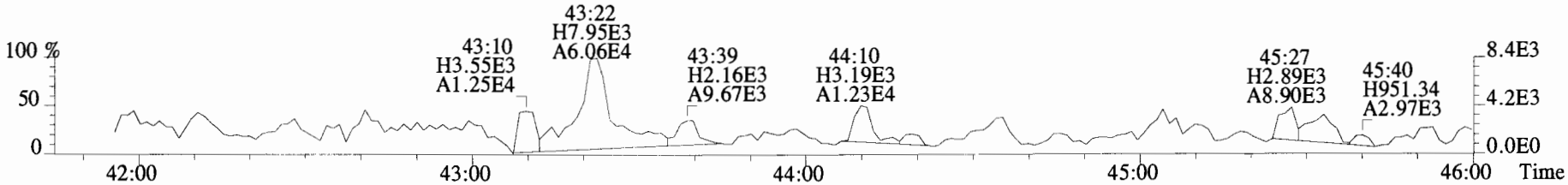
File:171108E3 #1-572 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



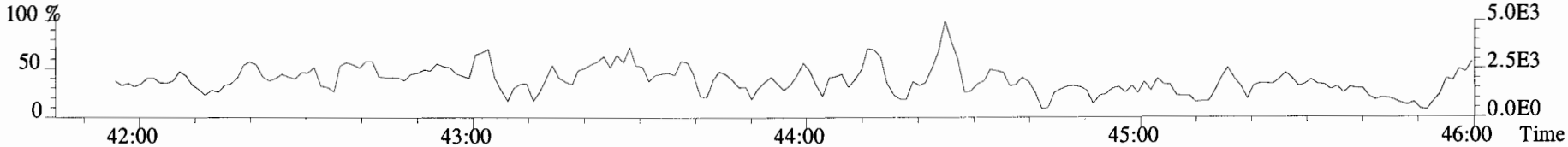
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



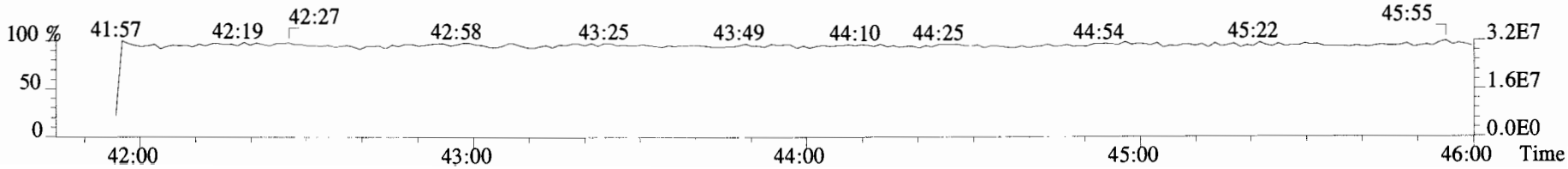
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



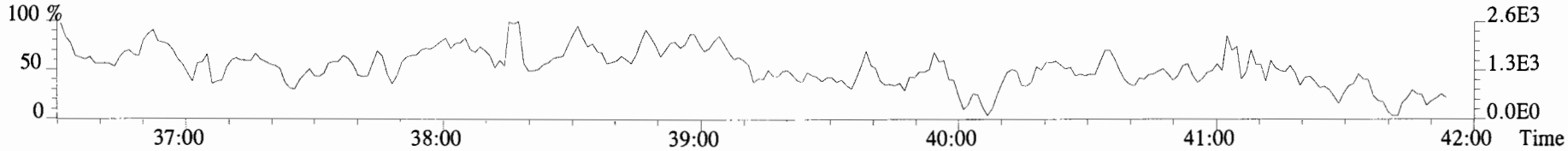
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2308.0,0.00%,F,F)



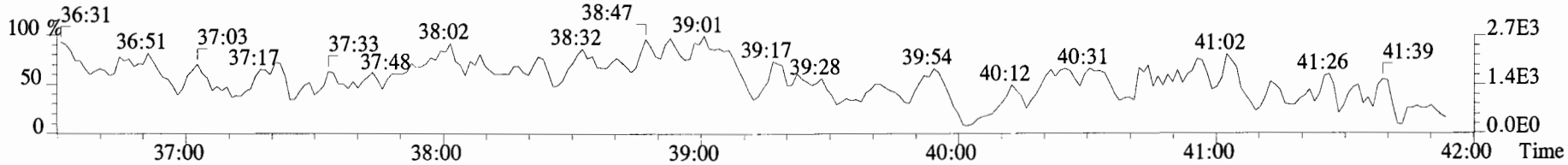
380.9760 S:2 F:4



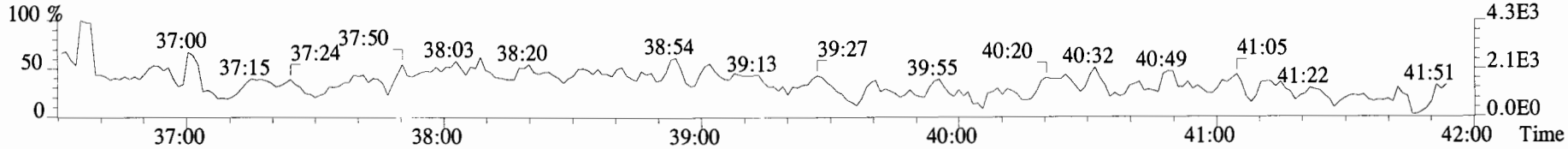
File:171108E3 #1-759 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



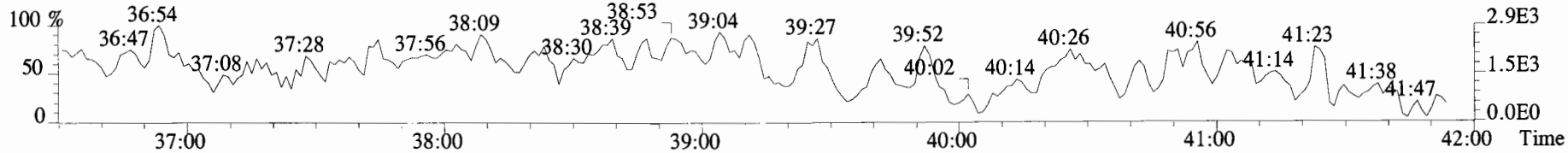
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2184.0,0.00%,F,F)



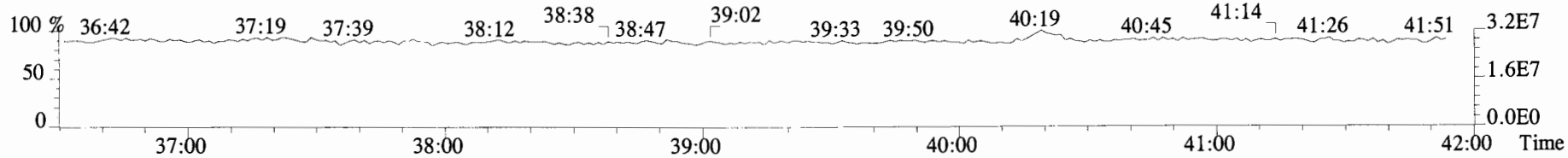
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



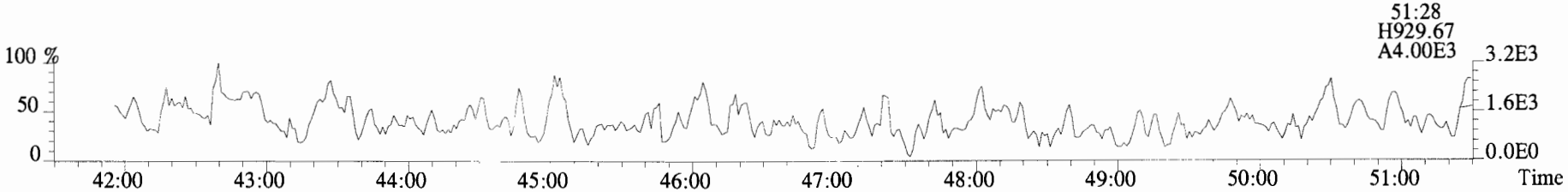
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2256.0,0.00%,F,F)



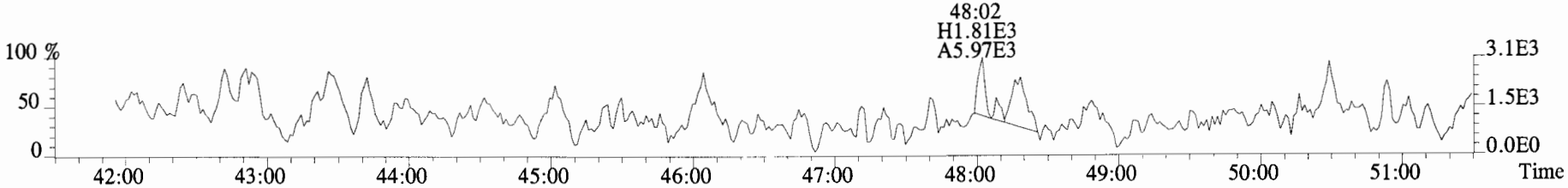
330.9792 S:2 F:3



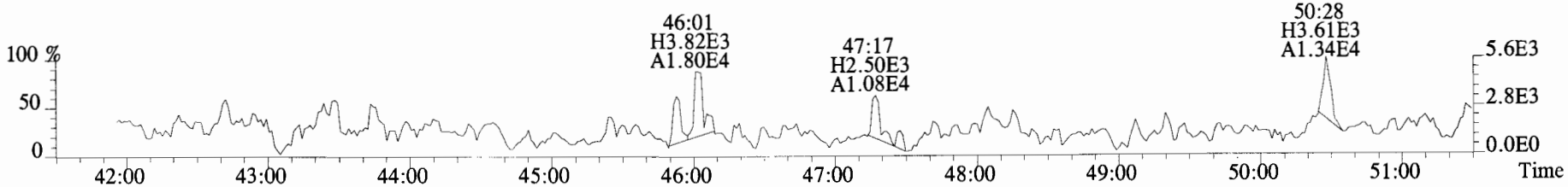
File:171108E3 #1-572 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



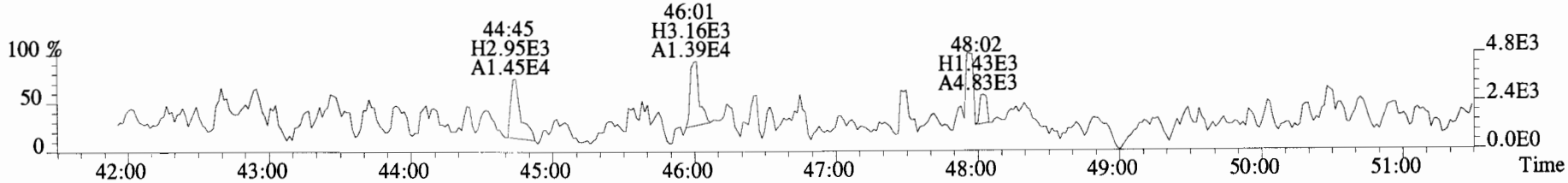
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1624.0,0.00%,F,F)



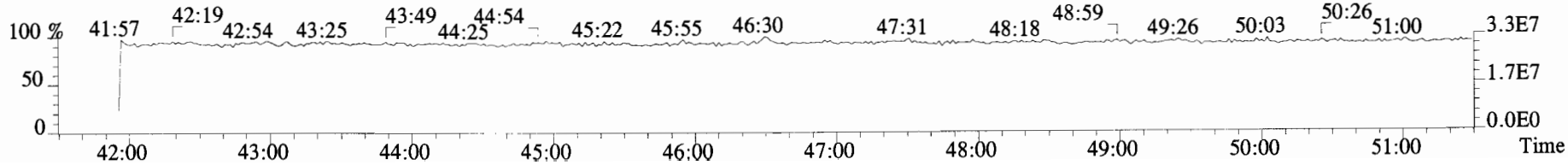
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



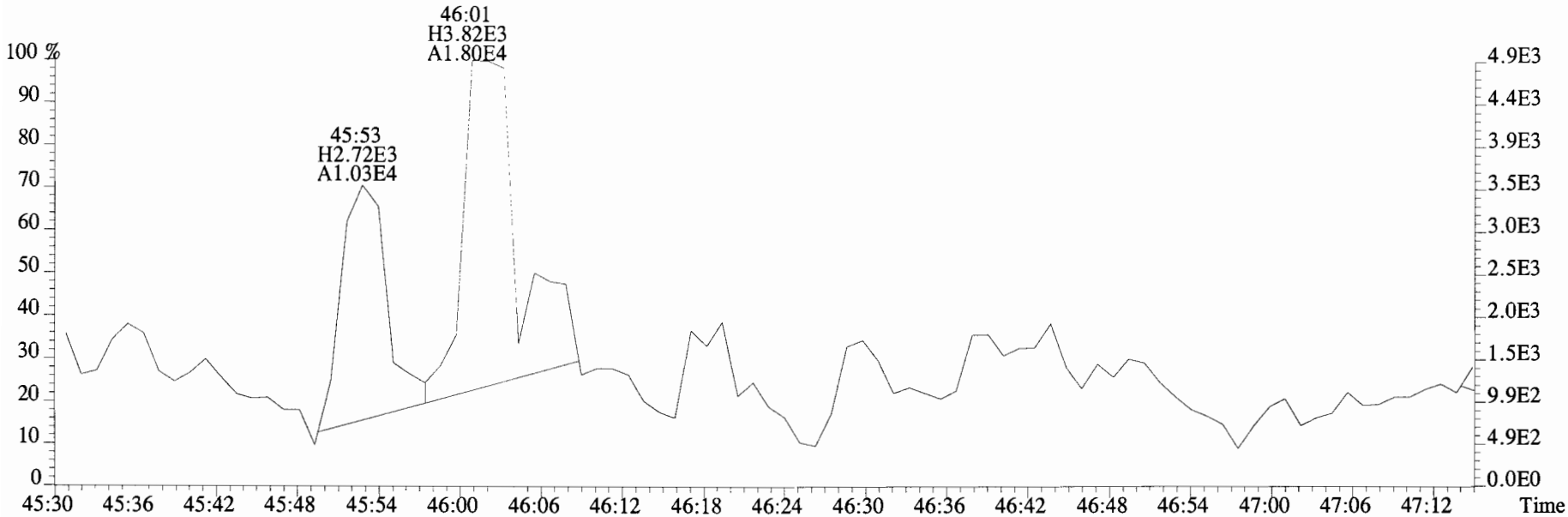
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)



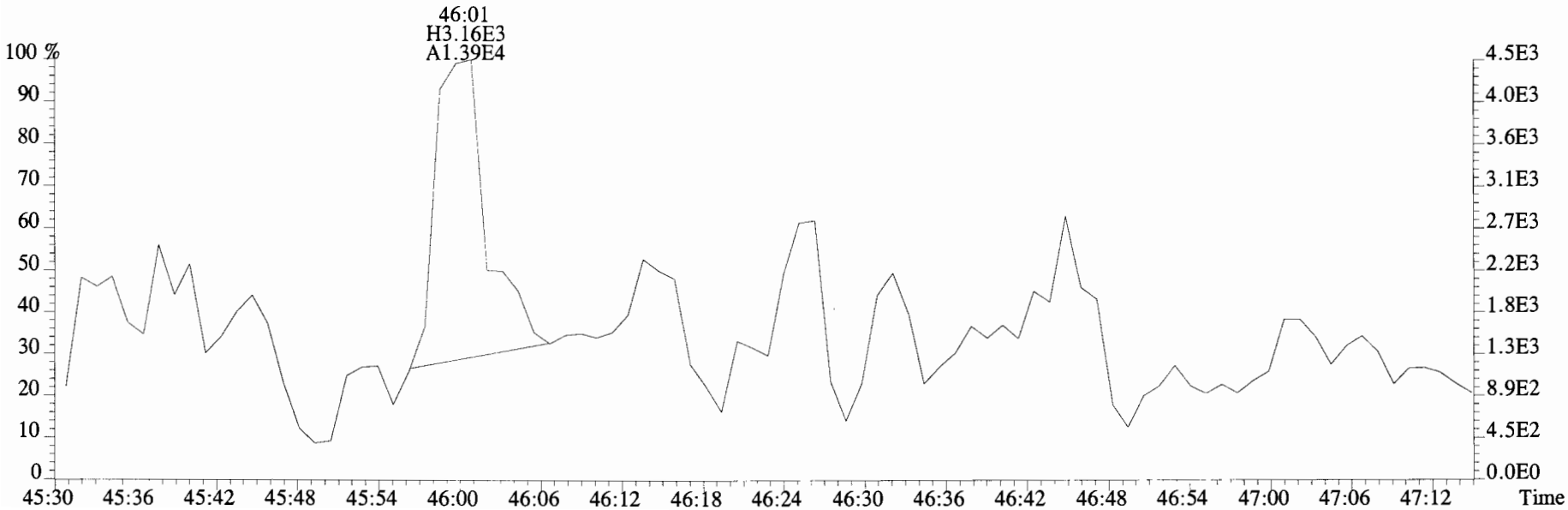
380.9760 S:2 F:4



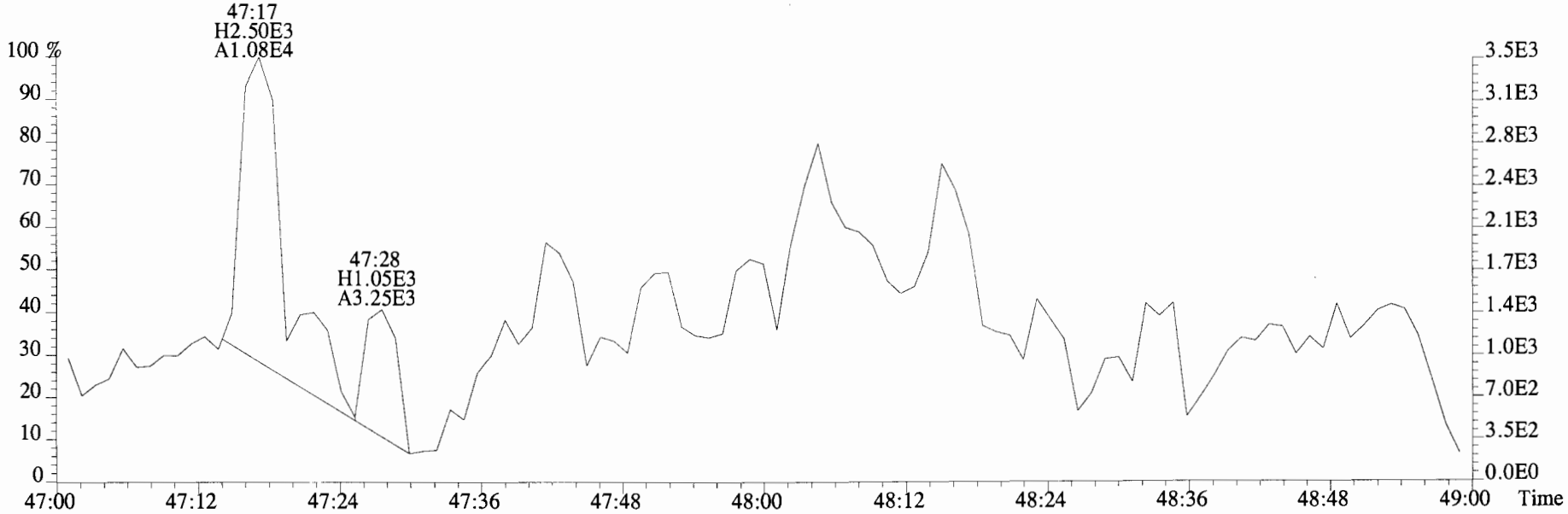
File:171108E3 #1-572 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



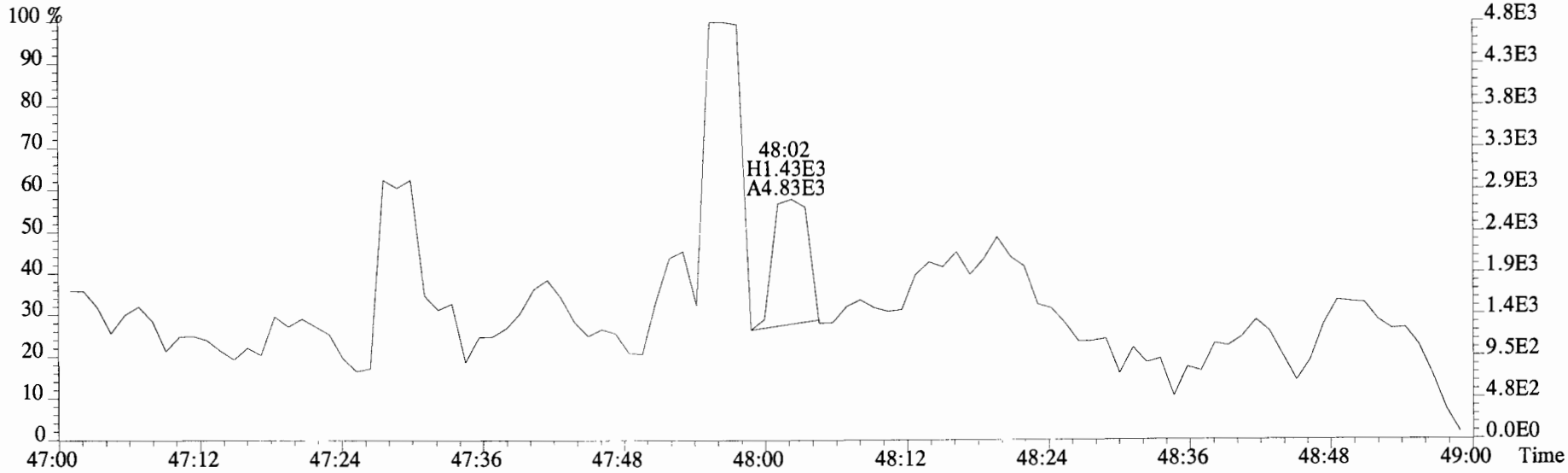
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)



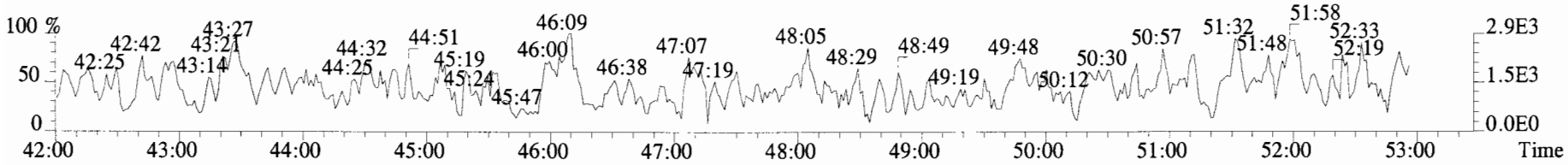
File:171108E3 #1-572 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



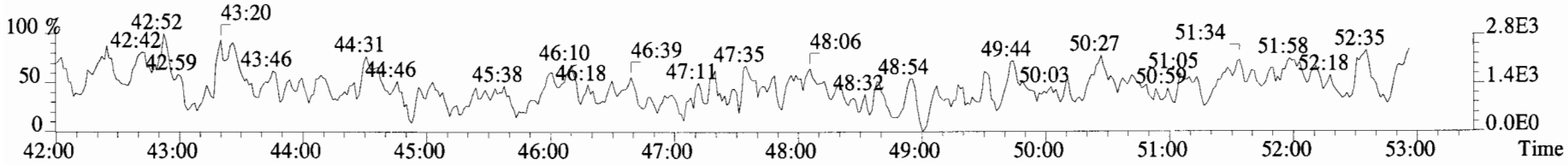
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)



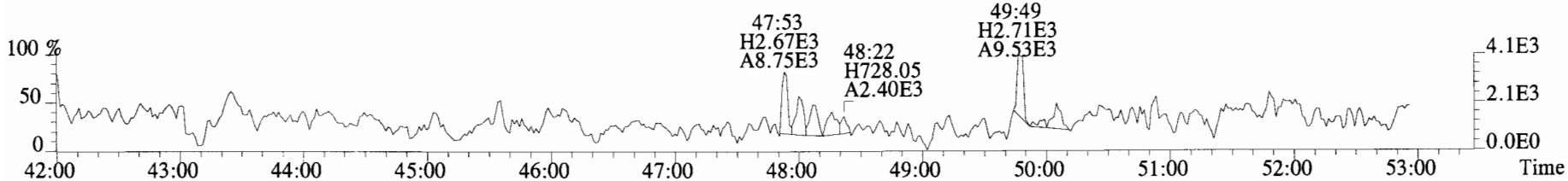
File:171108E3 #1-572 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



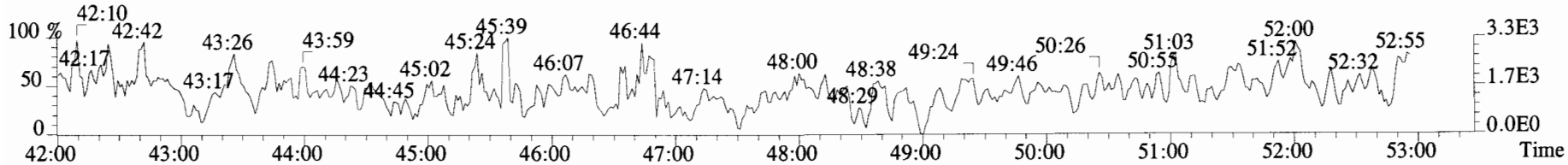
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1664.0,0.00%,F,F)



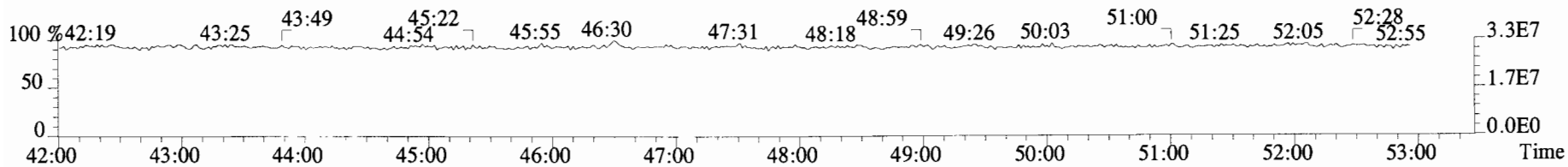
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



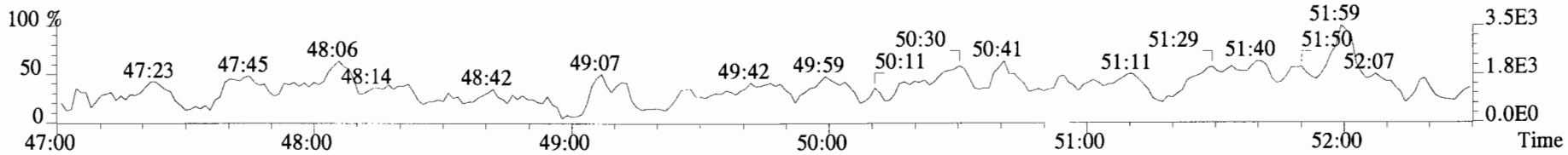
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



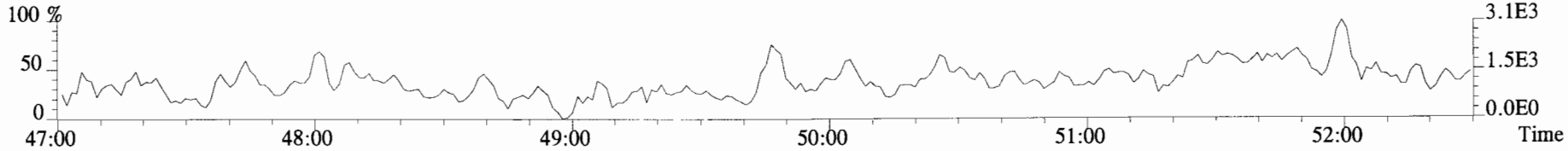
380.9760 S:2 F:4



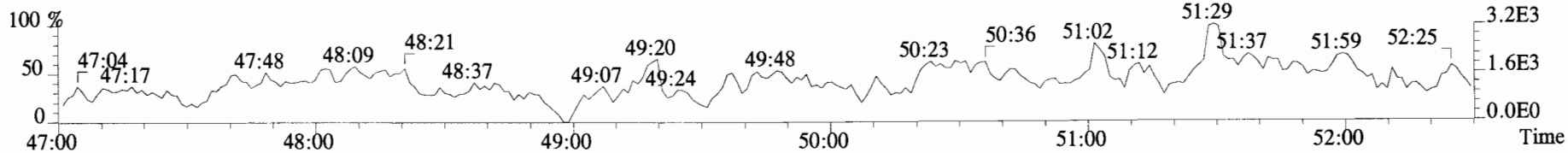
File:171108E3 #1-572 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



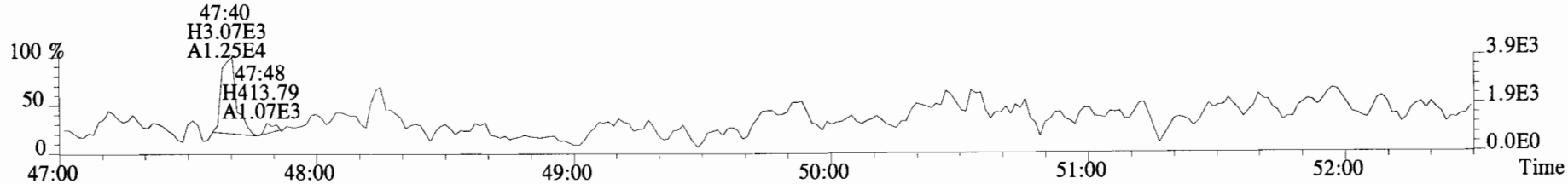
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1504.0,0.00%,F,F)



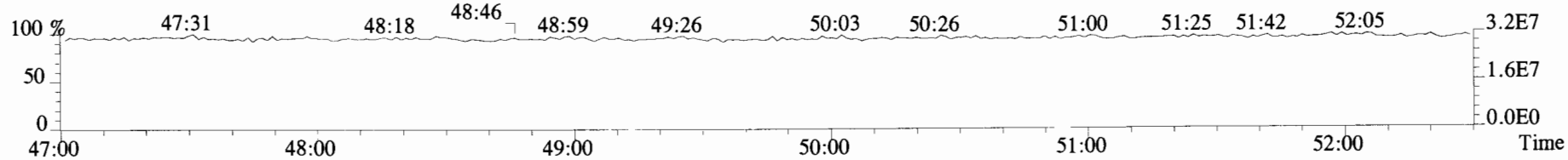
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1800.0,0.00%,F,F)



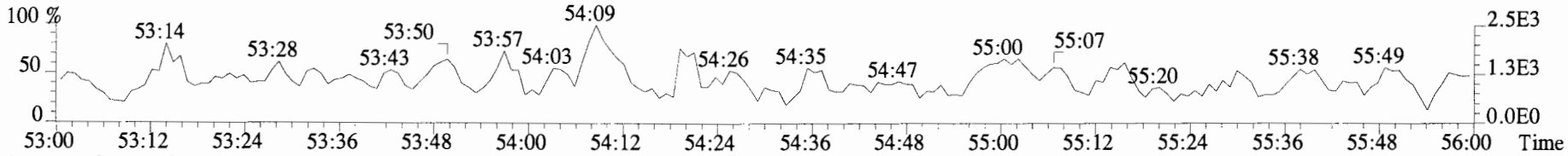
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



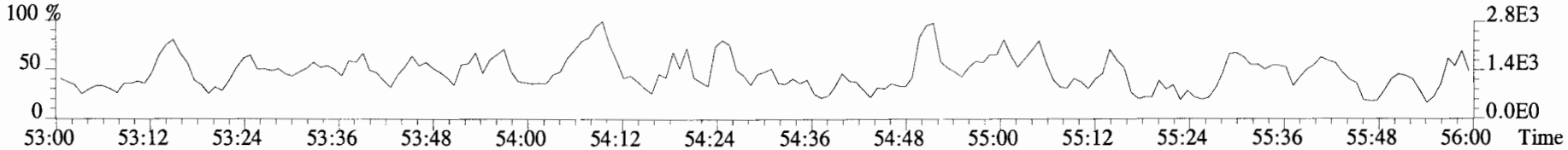
380.9760 S:2 F:4



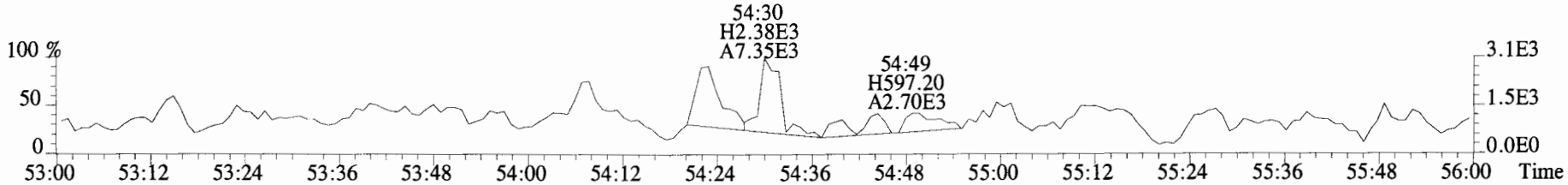
File:171108E3 #1-406 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



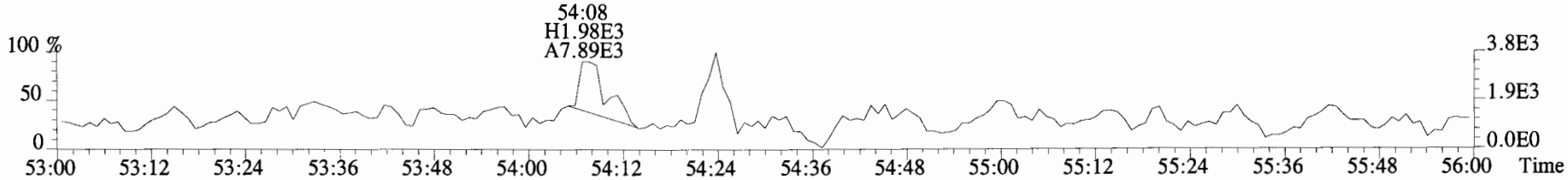
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1776.0,0.00%,F,F)



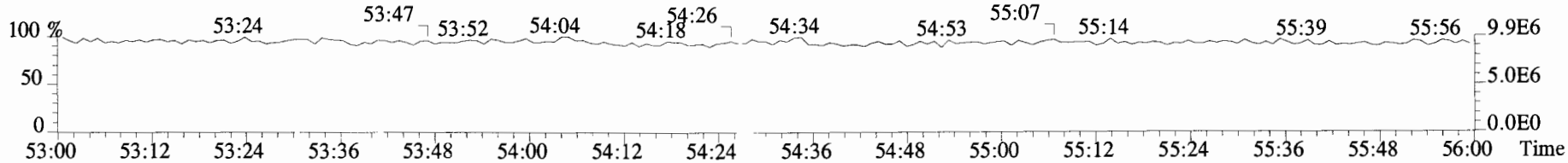
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



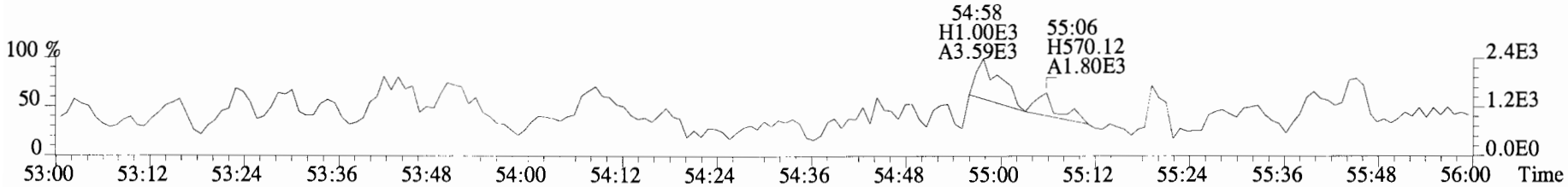
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1632.0,0.00%,F,F)



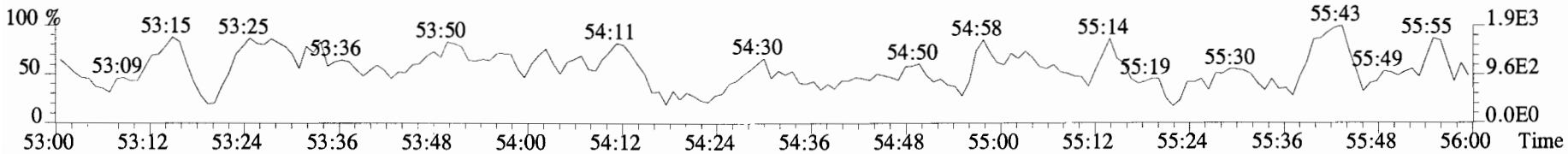
492.9697 S:2 F:5



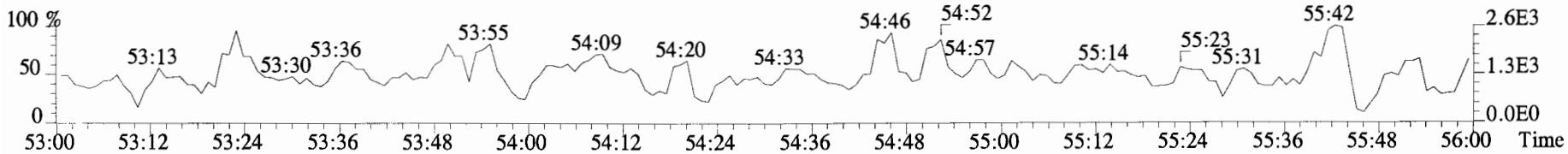
File:171108E3 #1-406 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



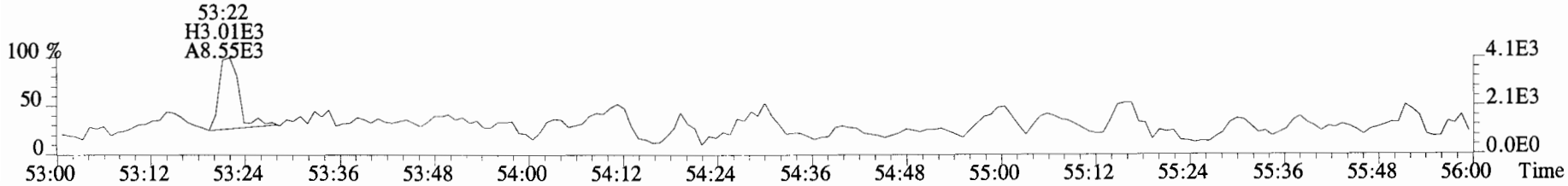
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)



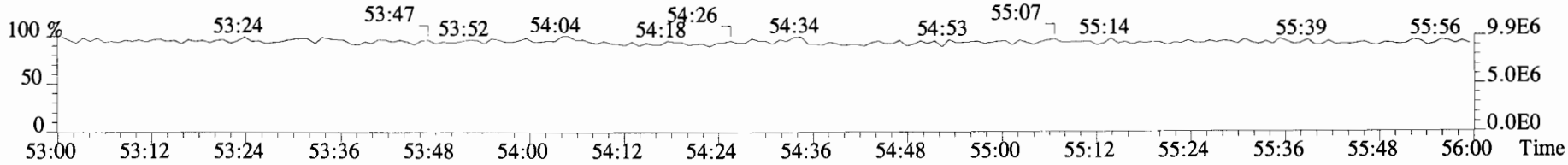
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



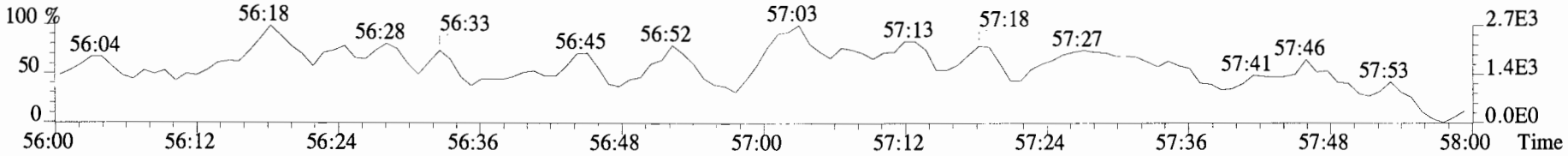
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



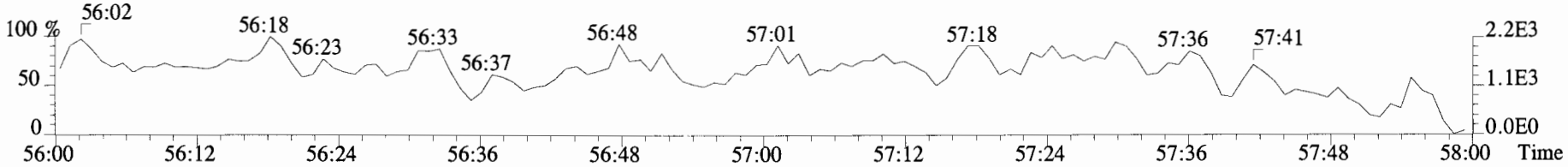
492.9697 S:2 F:5



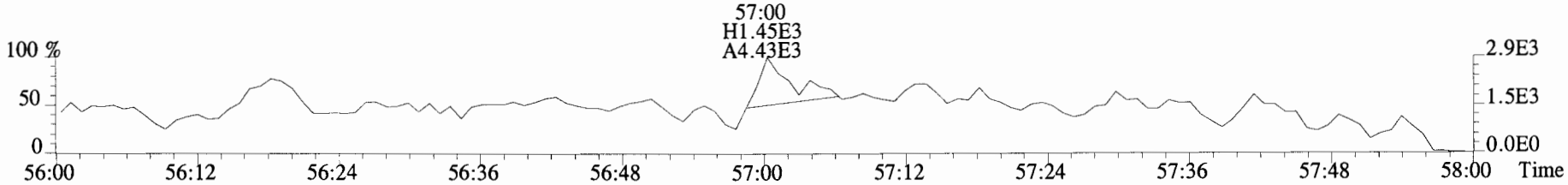
File:171108E3 #1-406 Acq: 9-NOV-2017 01:09:39 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1644.0,0.00%,F,F)



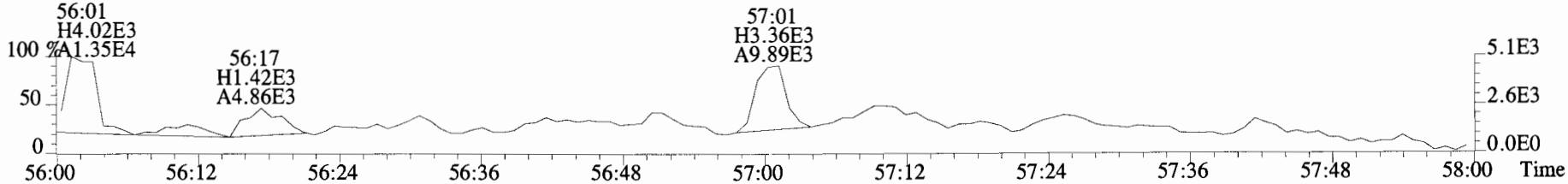
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1472.0,0.00%,F,F)



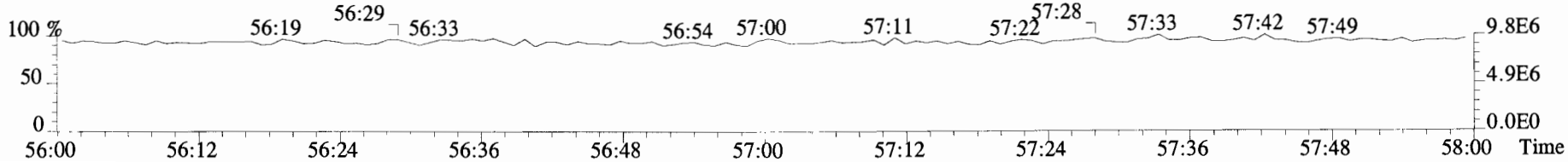
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



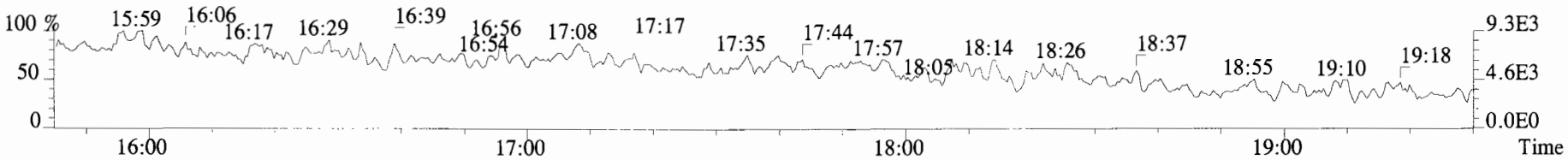
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1484.0,0.00%,F,F)



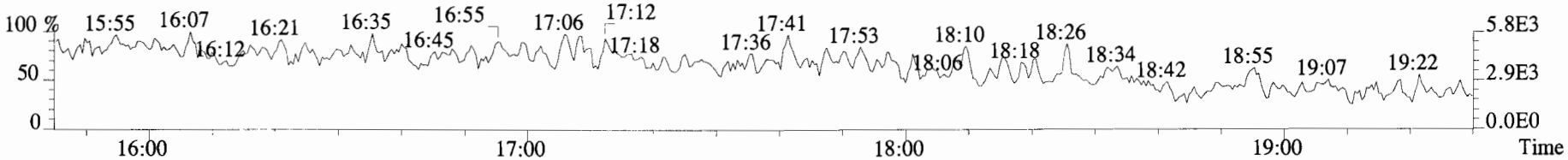
492.9697 S:2 F:5



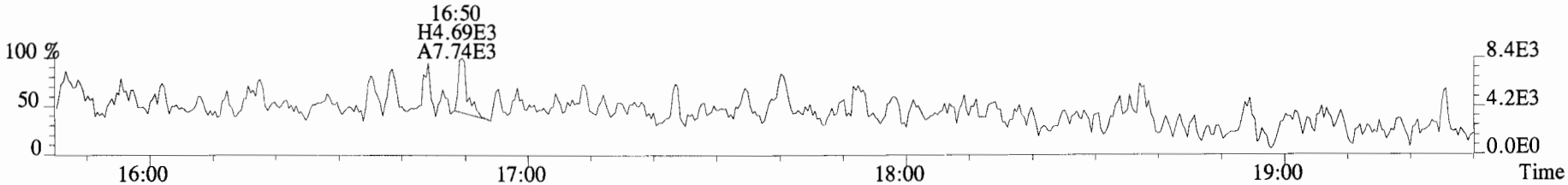
File:171108E3 #1-867 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6984.0,0.00%,F,F)



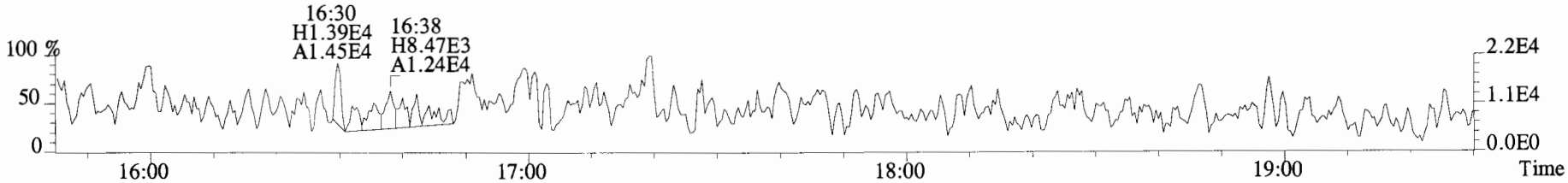
190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4648.0,0.00%,F,F)



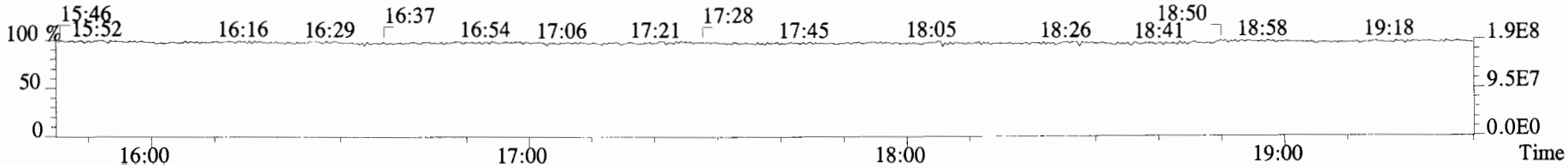
200.0795 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4536.0,0.00%,F,F)



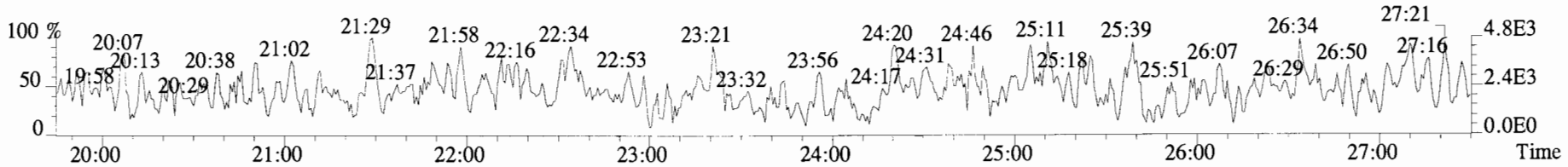
202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12344.0,0.00%,F,F)



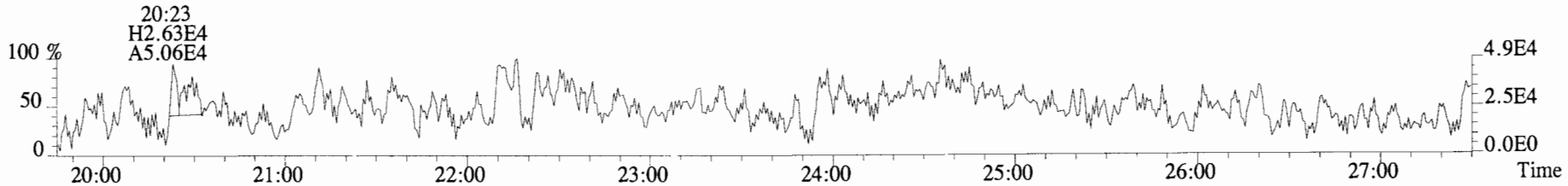
180.9880 S:8



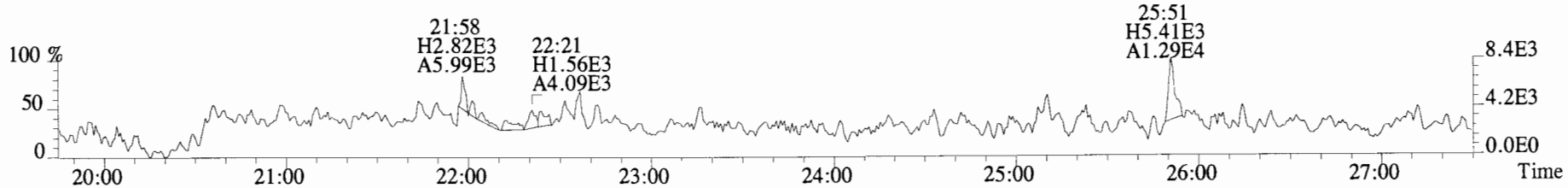
File:171108E3 #1-757 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2888.0,0.00%,F,F)



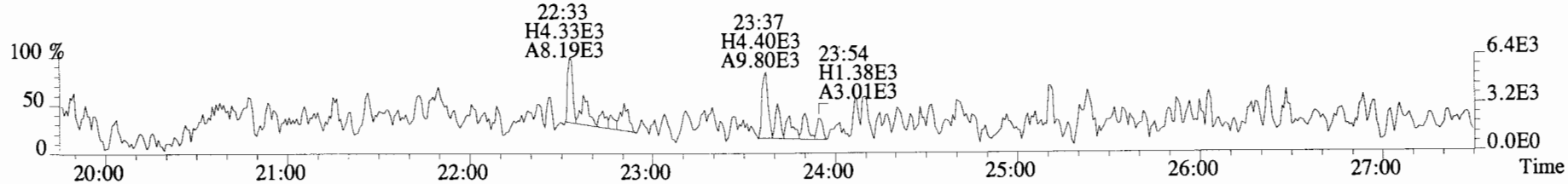
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31148.0,0.00%,F,F)



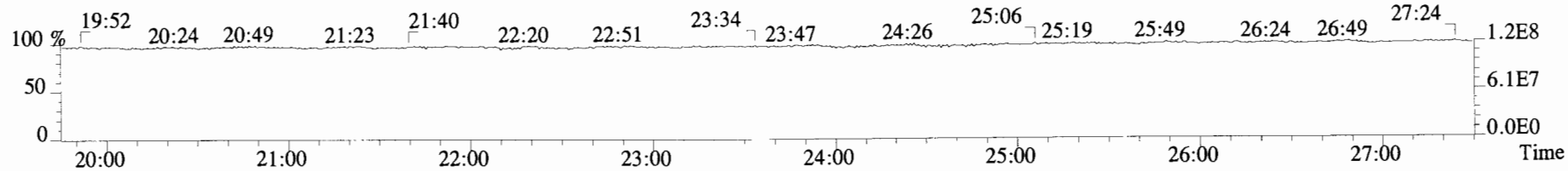
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3788.0,0.00%,F,F)



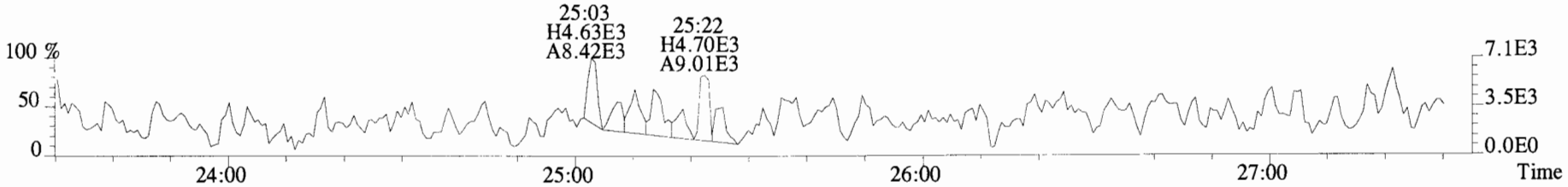
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2752.0,0.00%,F,F)



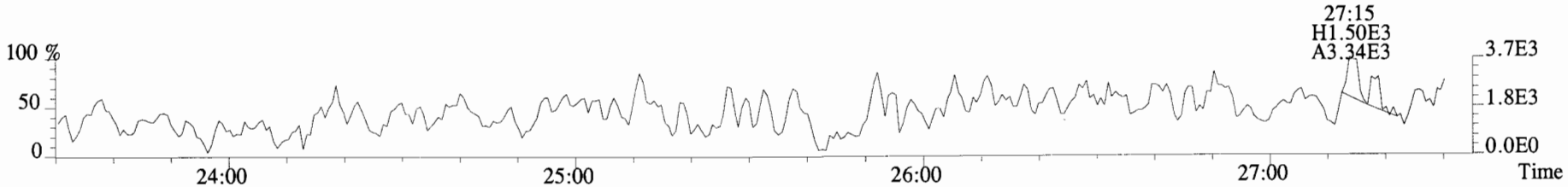
230.9856 S:8 F:2



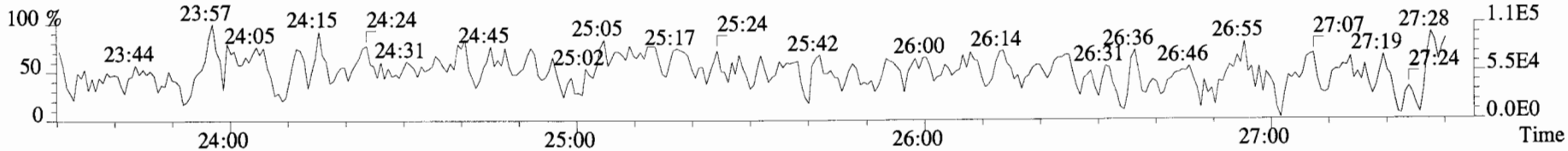
File:171108E3 #1-757 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3676.0,0.00%,F,F)



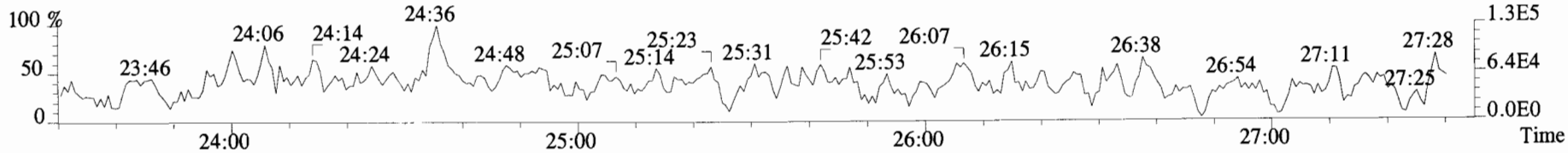
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



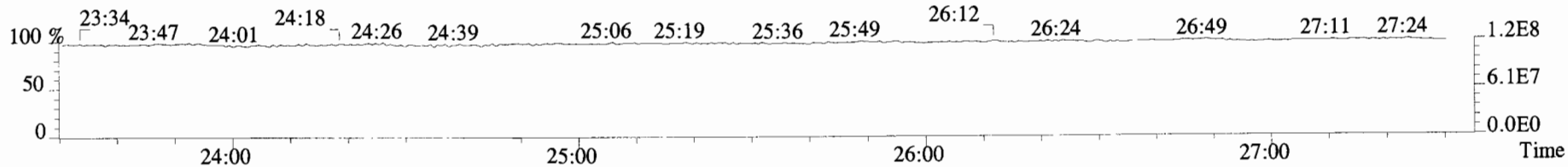
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71772.0,0.00%,F,F)



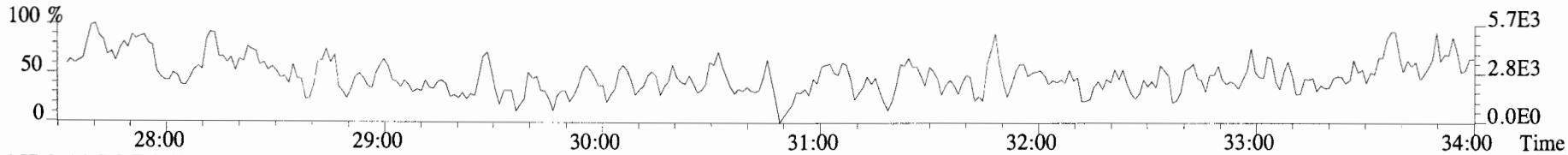
269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65320.0,0.00%,F,F)



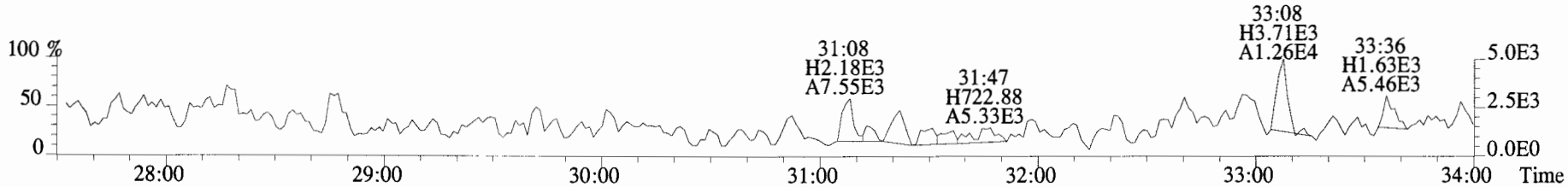
230.9856 S:8 F:2



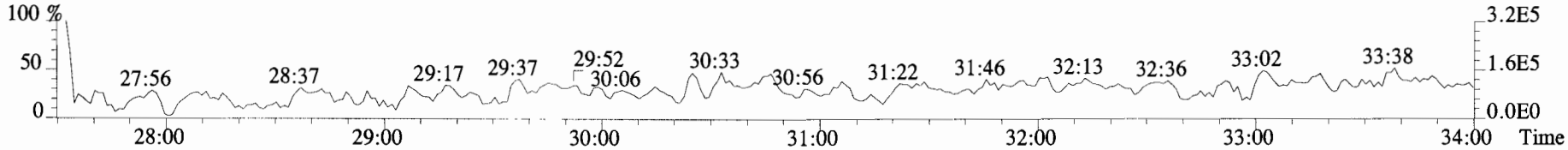
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3436.0,0.00%,F,F)



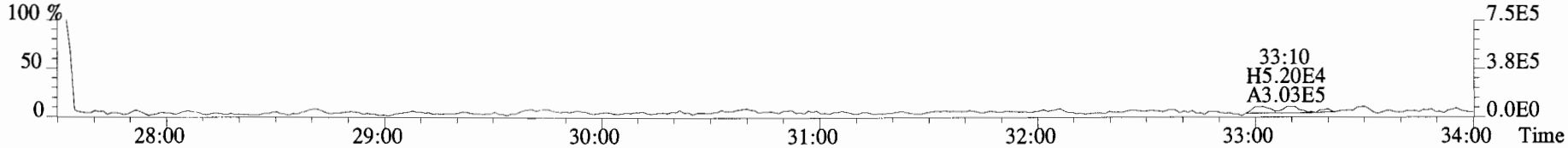
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



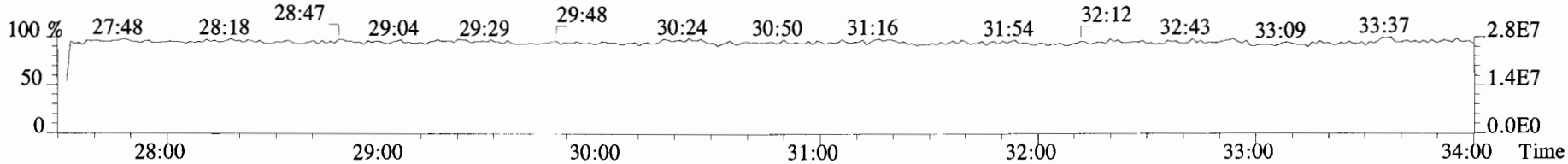
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,112680.0,0.00%,F,F)



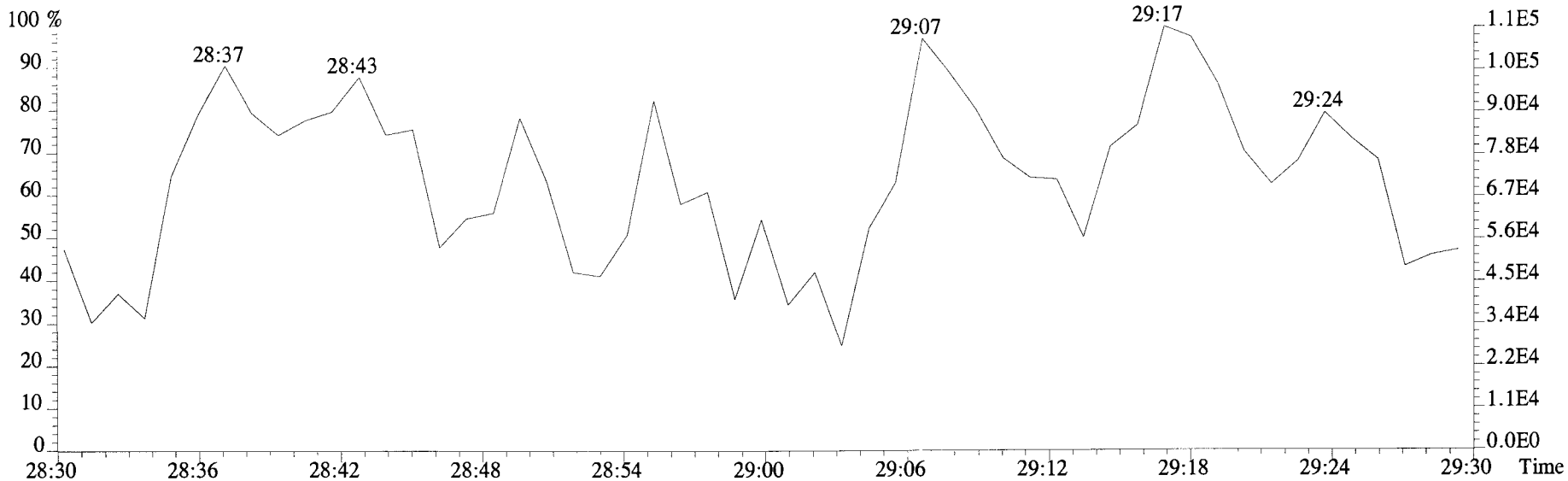
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48496.0,0.00%,F,F)



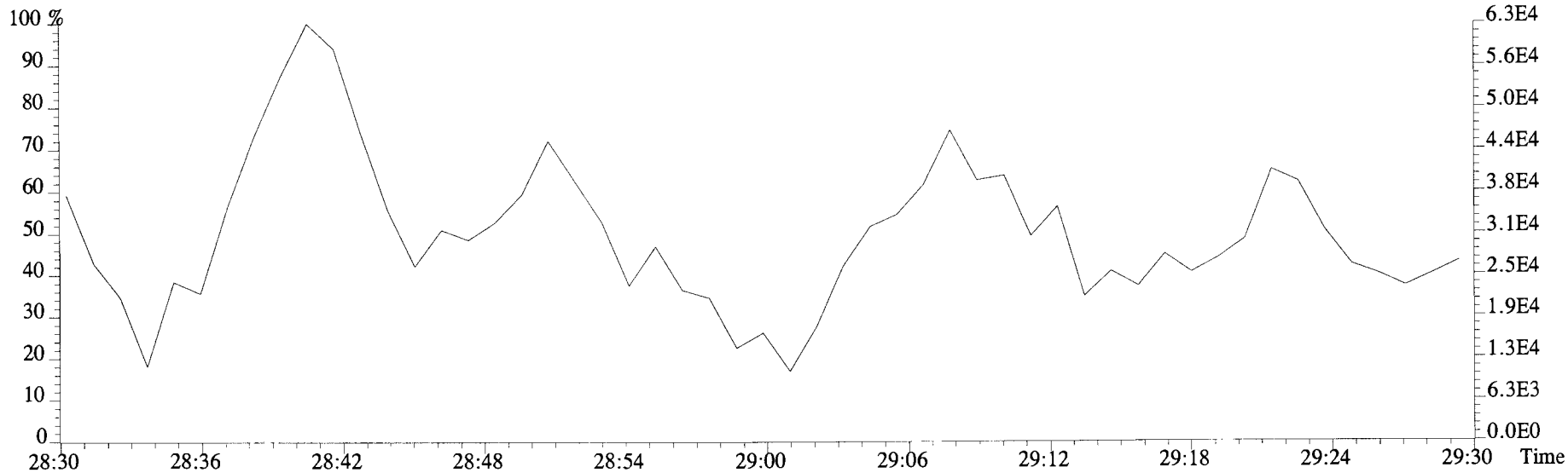
330.9792 S:8 F:3



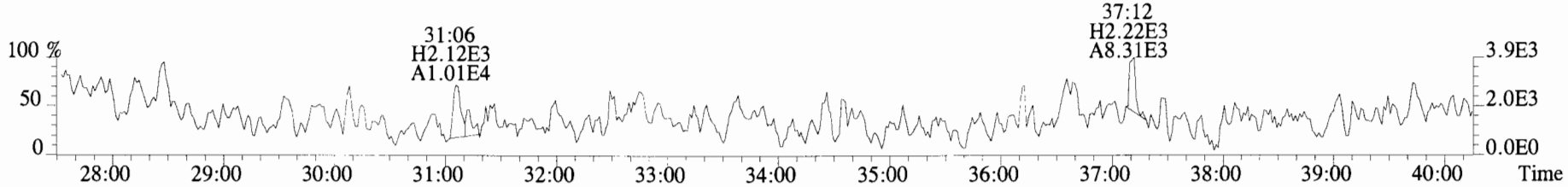
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,112680.0,0.00%,F,F)



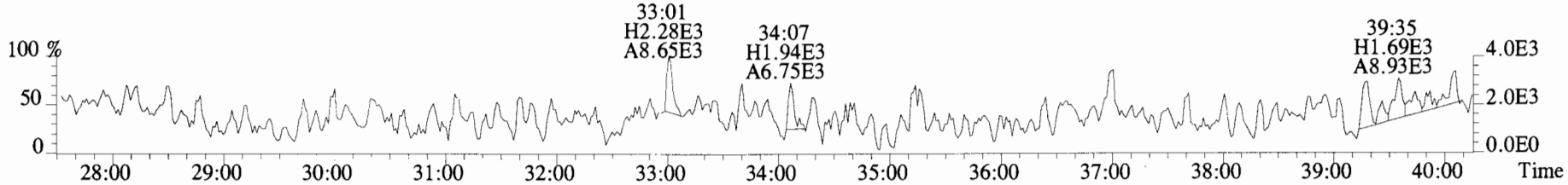
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48496.0,0.00%,F,F)



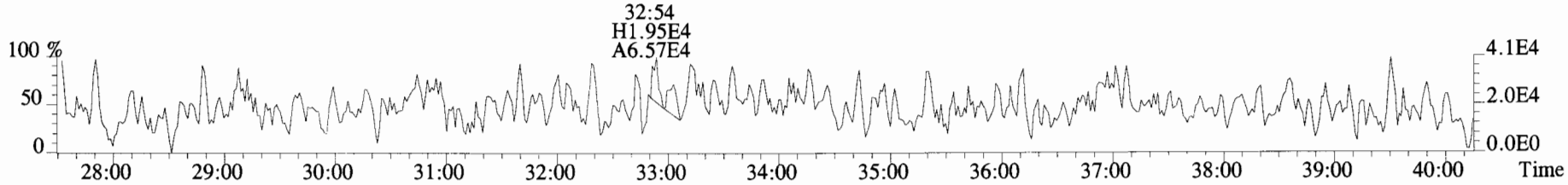
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



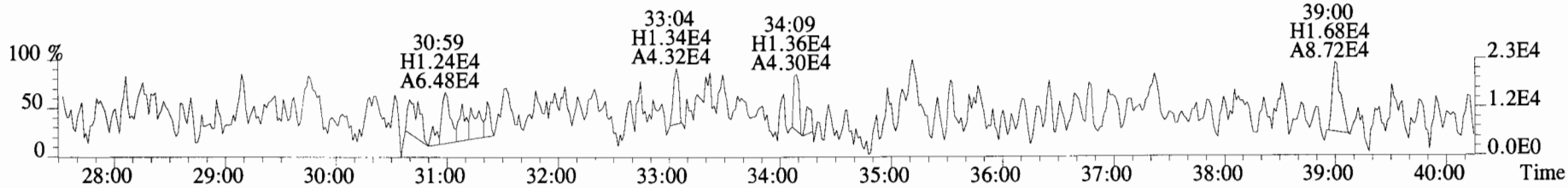
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



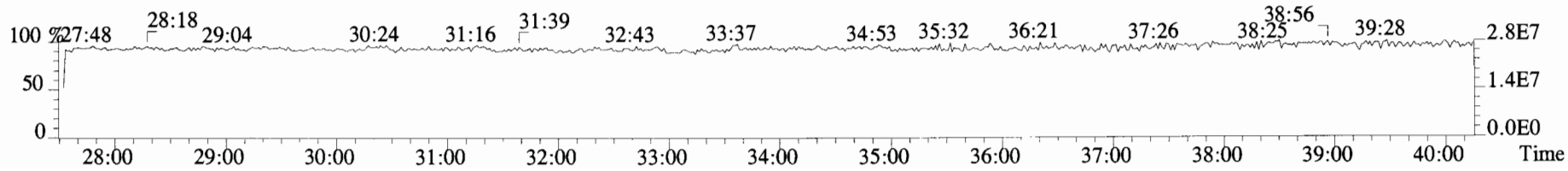
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25364.0,0.00%,F,F)



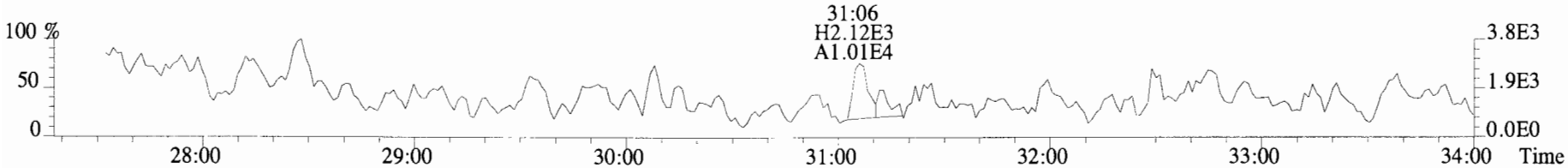
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13300.0,0.00%,F,F)



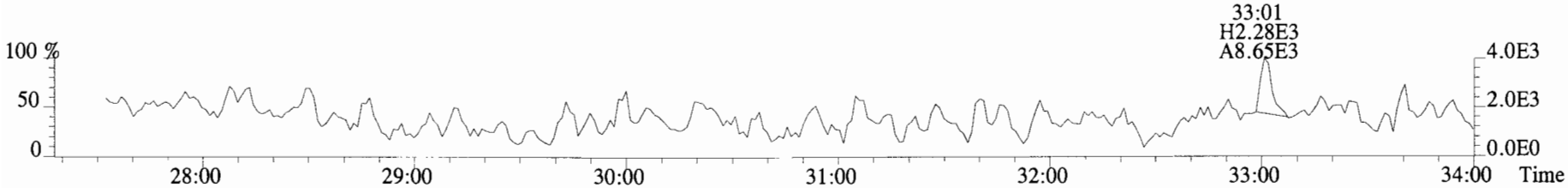
330.9792 S:8 F:3



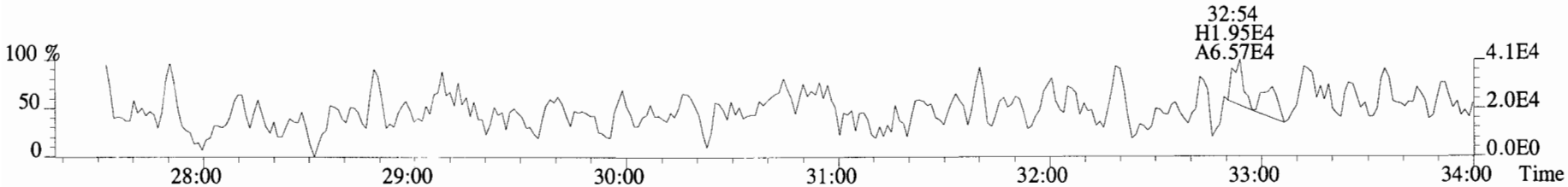
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



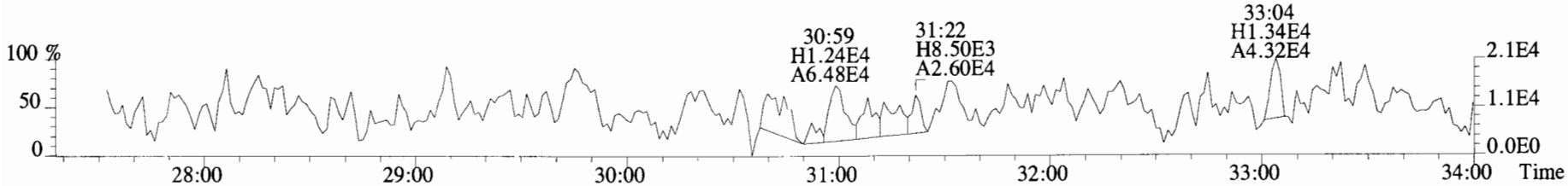
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



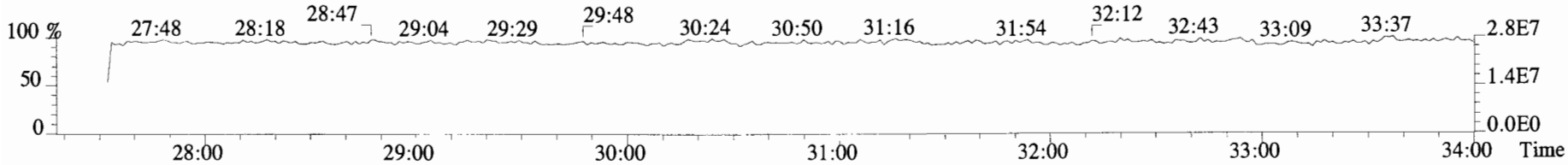
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25364.0,0.00%,F,F)



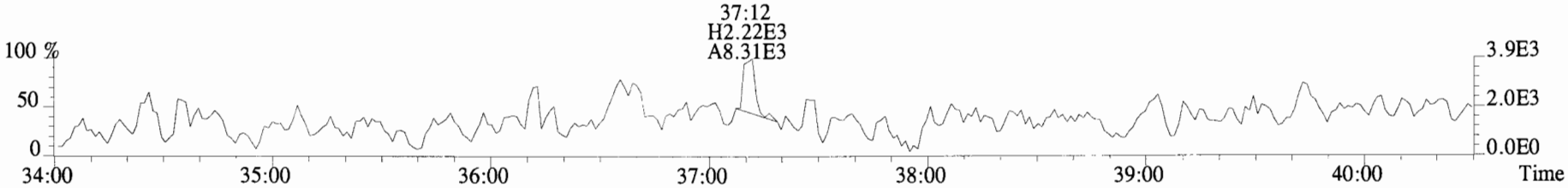
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13300.0,0.00%,F,F)



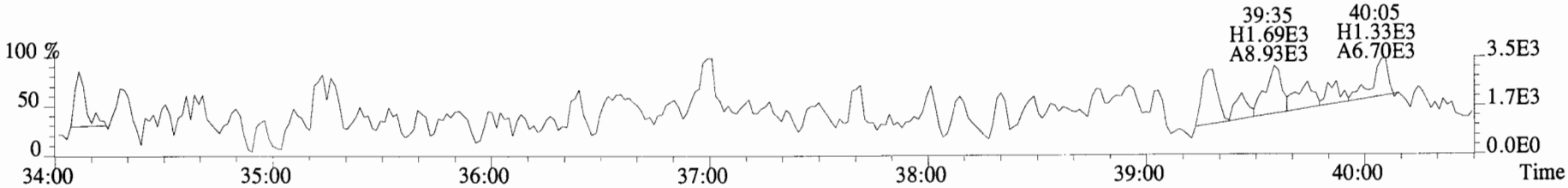
330.9792 S:8 F:3



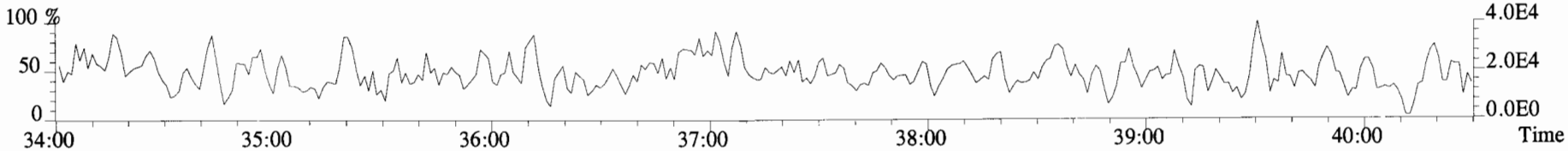
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



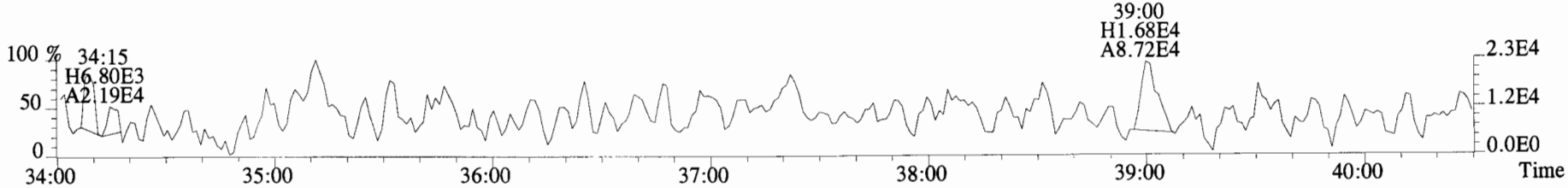
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



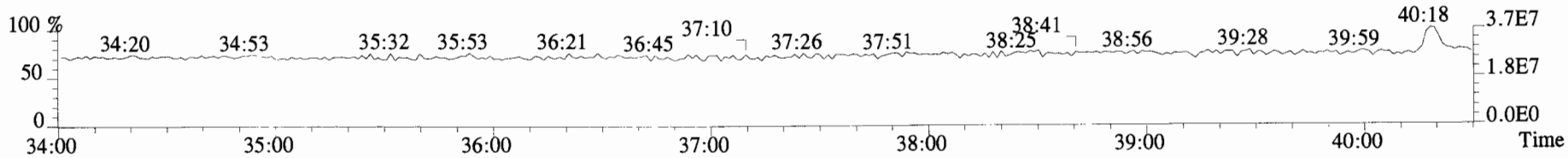
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25364.0,0.00%,F,F)



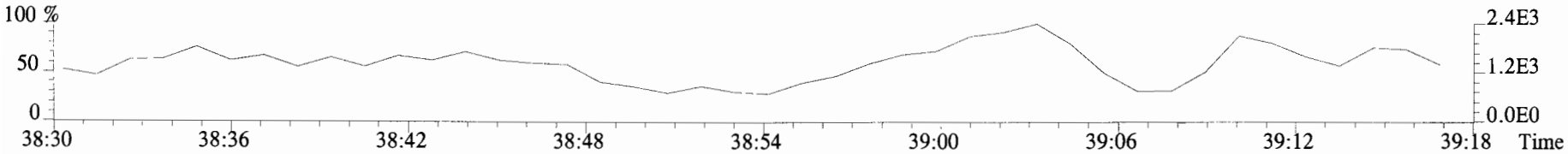
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13300.0,0.00%,F,F)



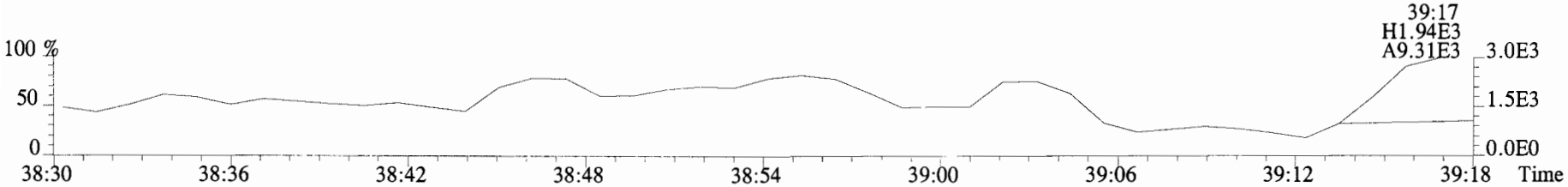
330.9792 S:8 F:3



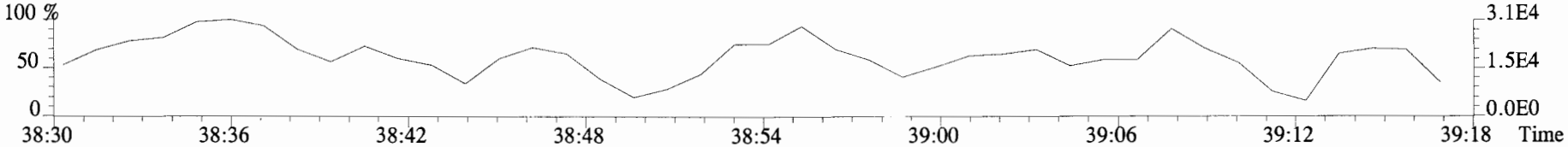
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



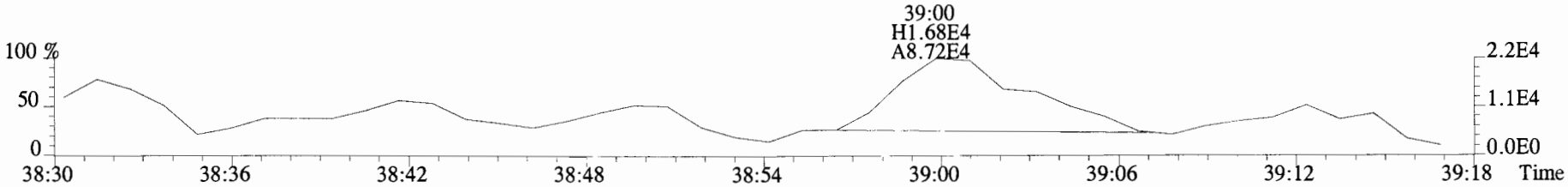
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



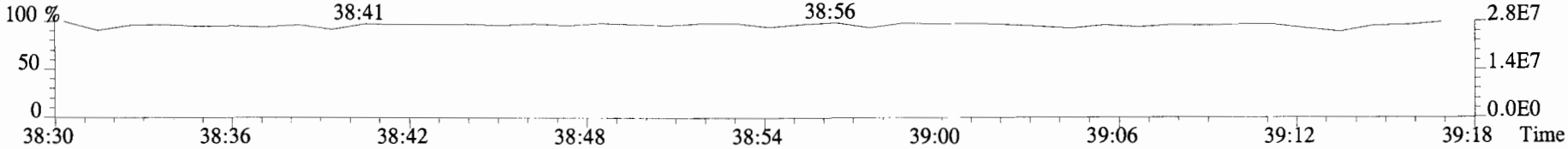
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25364.0,0.00%,F,F)



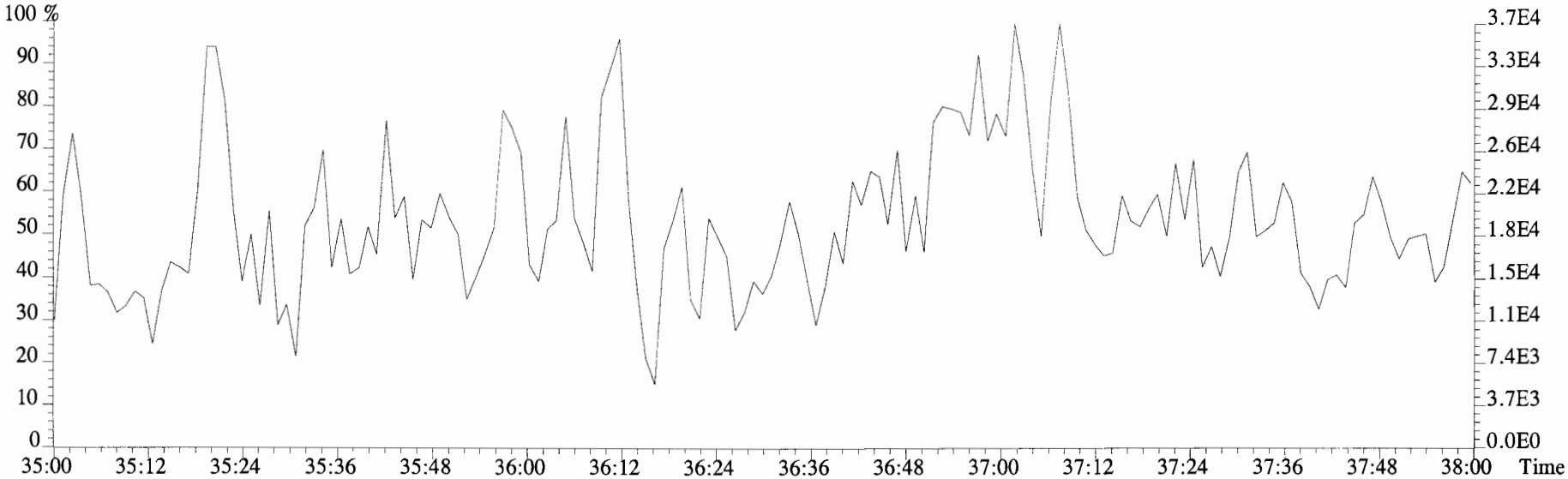
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13300.0,0.00%,F,F)



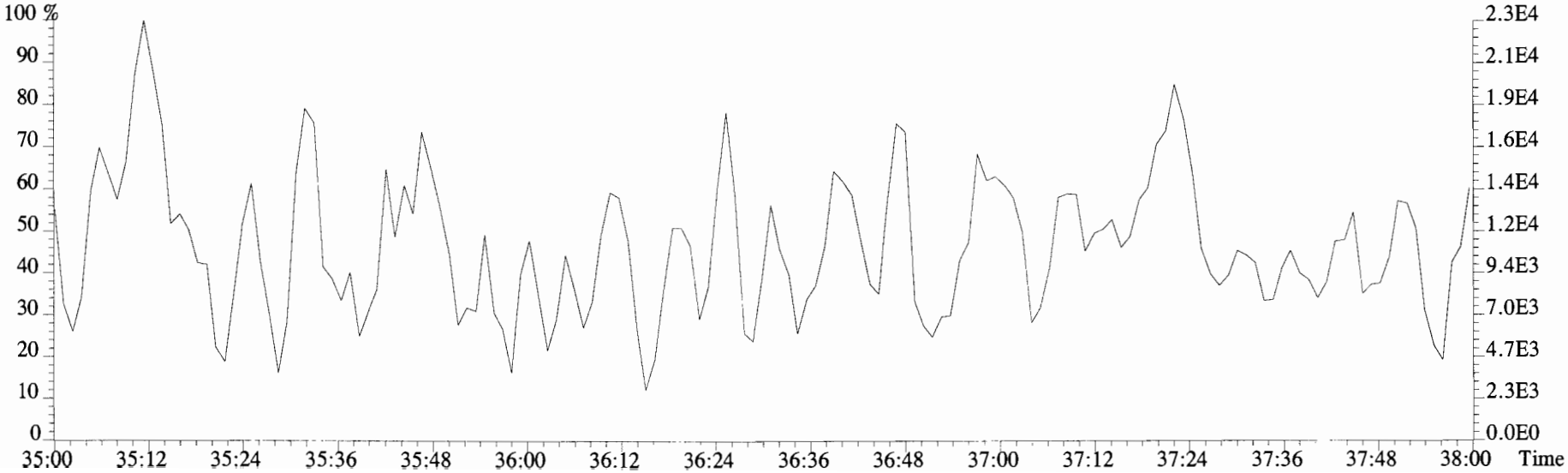
330.9792 S:8 F:3



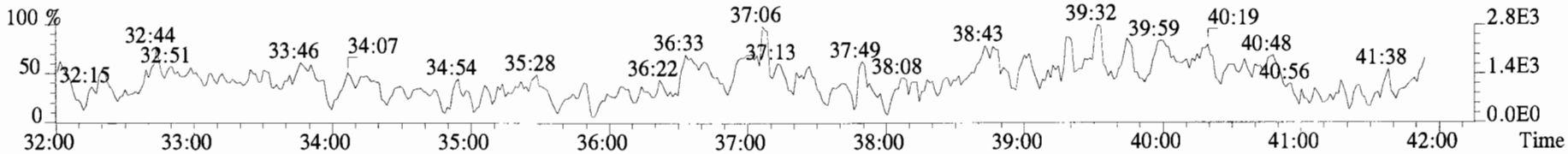
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25364.0,0.00%,F,F)



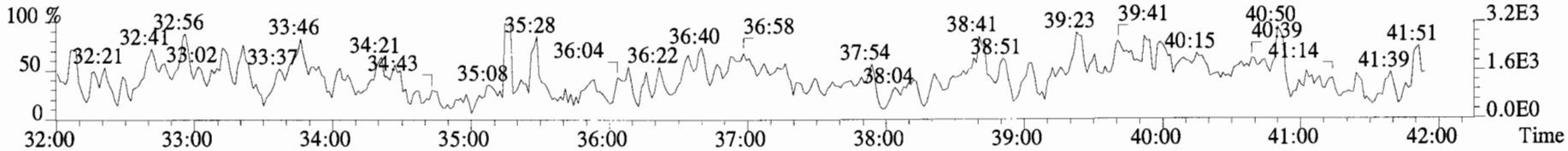
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13300.0,0.00%,F,F)



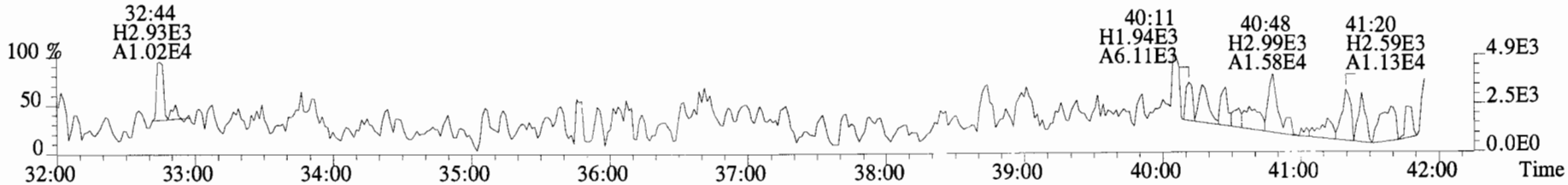
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



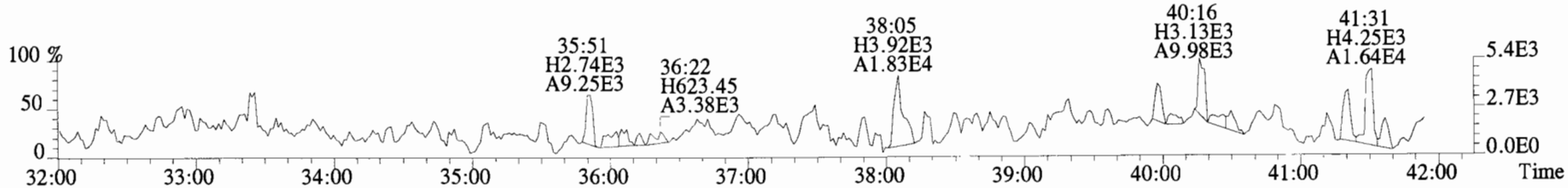
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



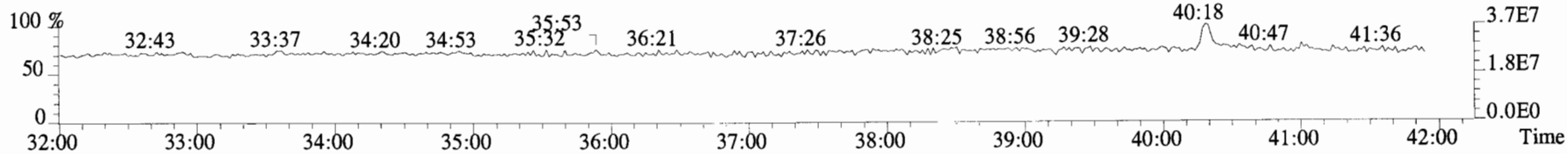
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2140.0,0.00%,F,F)



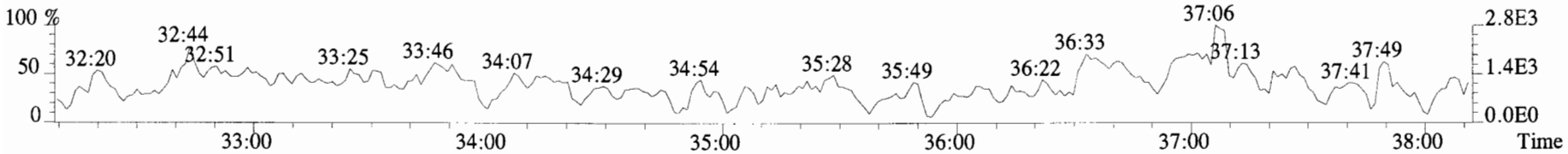
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



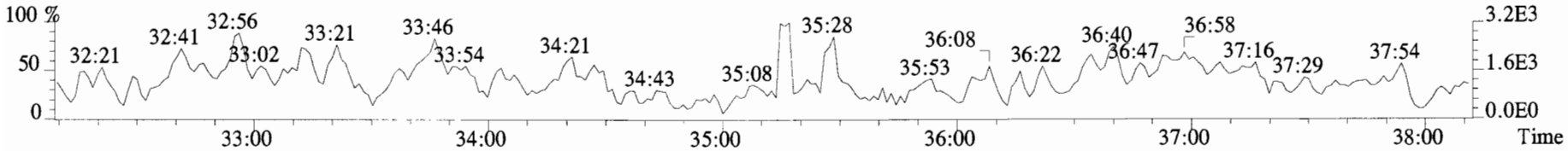
330.9792 S:8 F:3



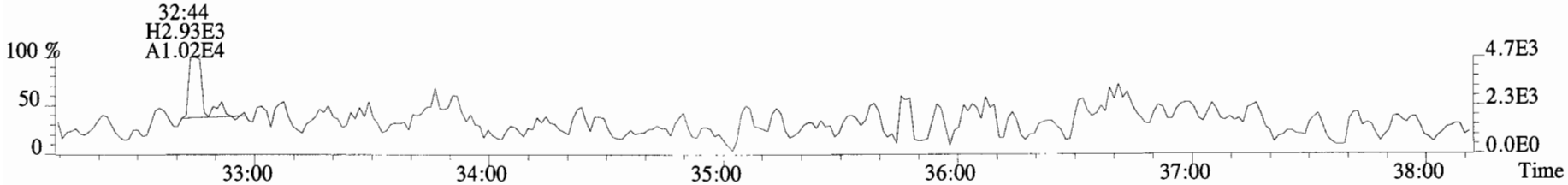
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



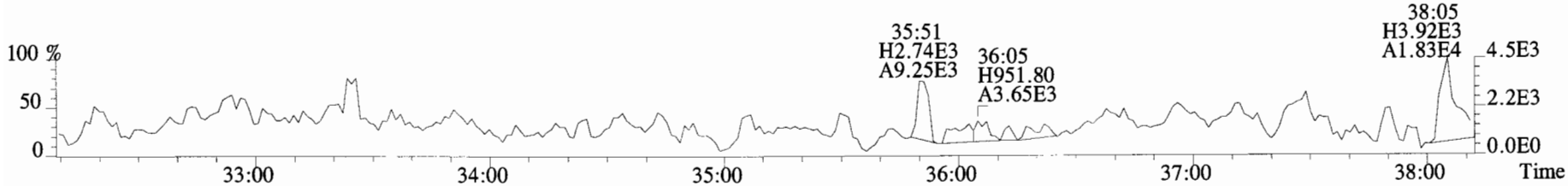
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



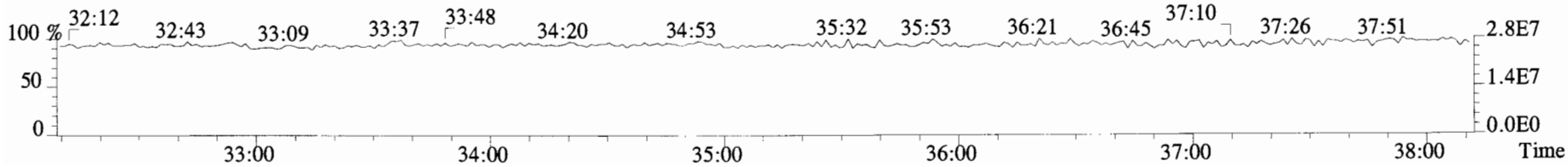
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2140.0,0.00%,F,F)



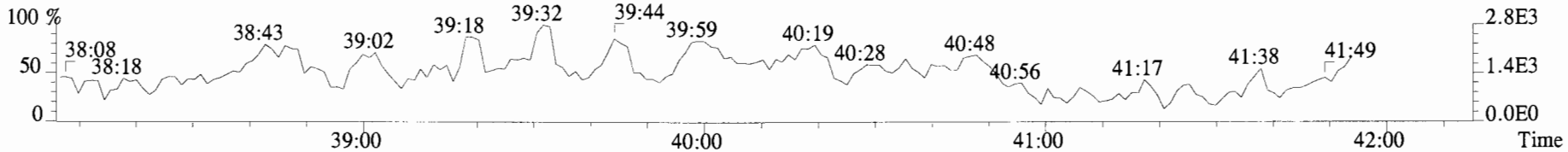
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



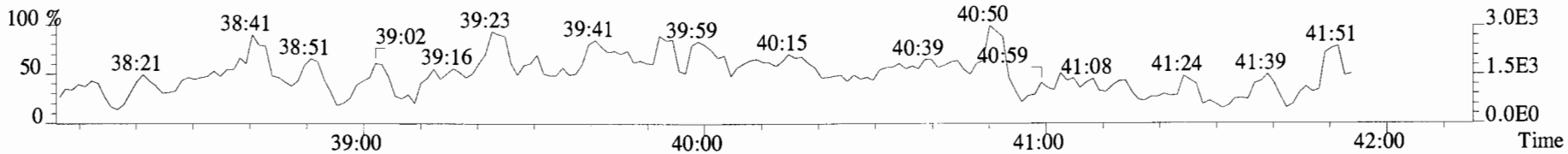
330.9792 S:8 F:3



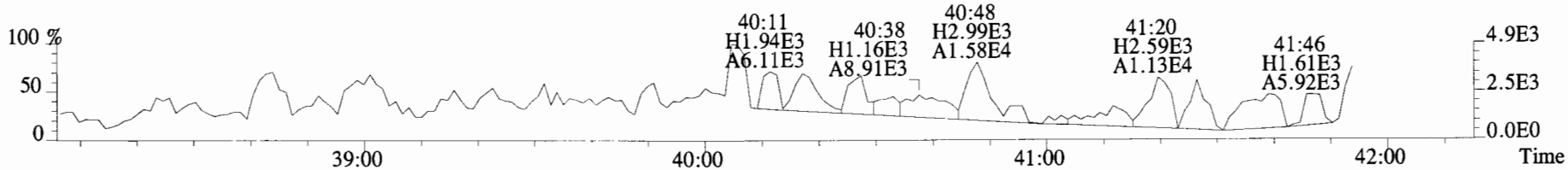
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1536.0,0.00%,F,F)



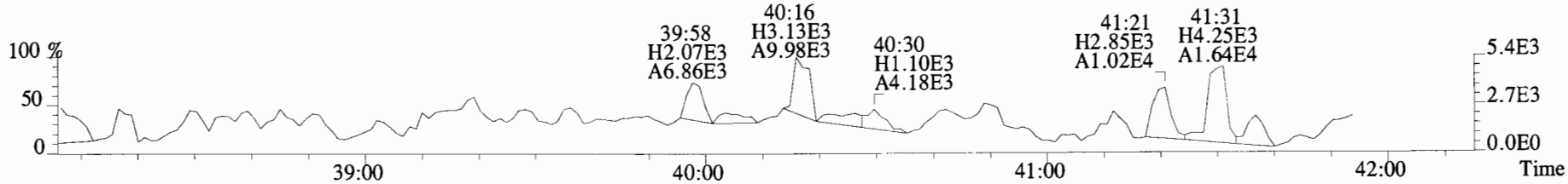
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



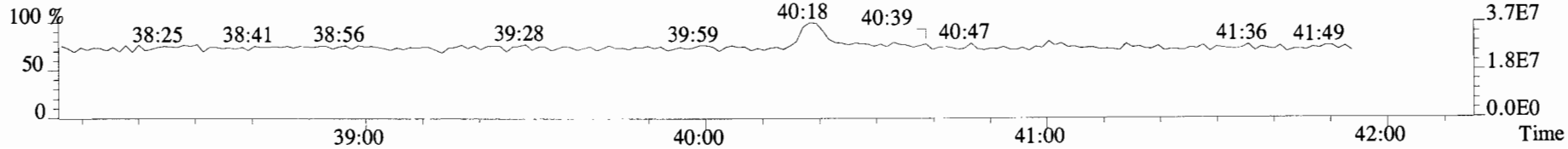
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2140.0,0.00%,F,F)



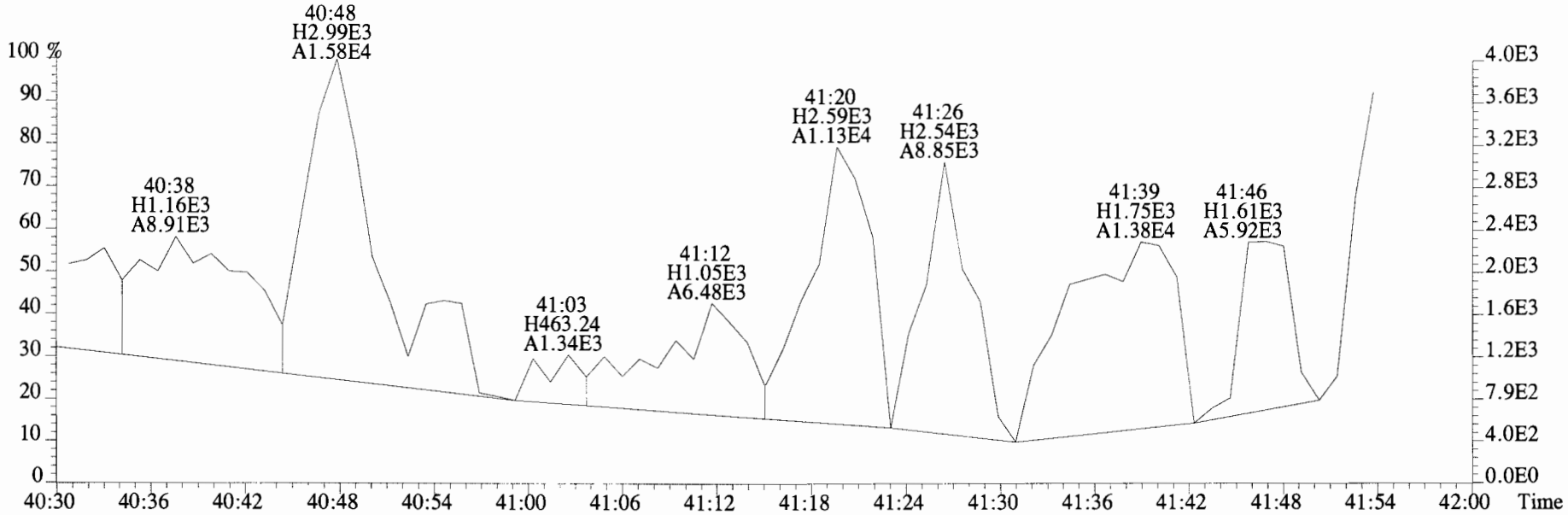
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



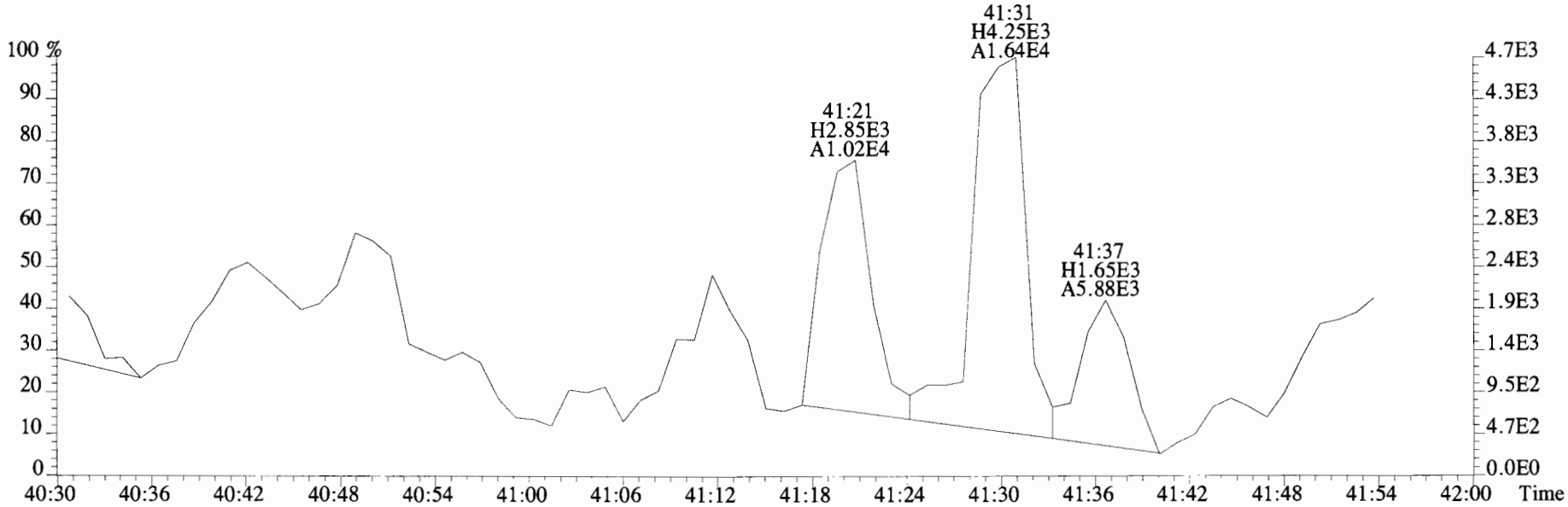
330.9792 S:8 F:3



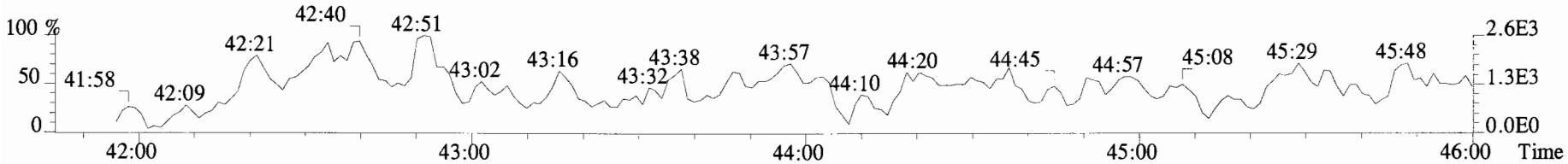
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2140.0,0.00%,F,F)



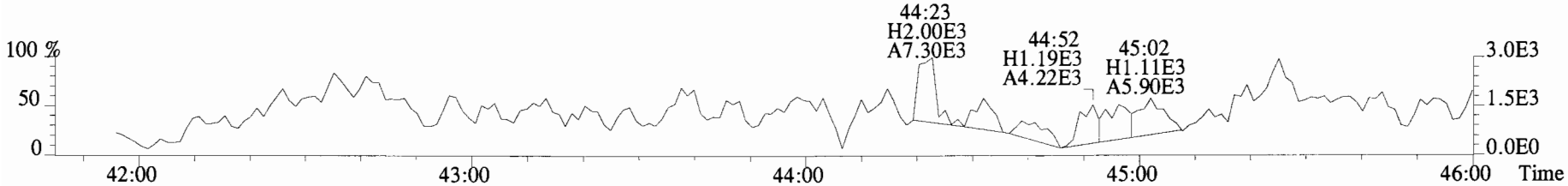
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



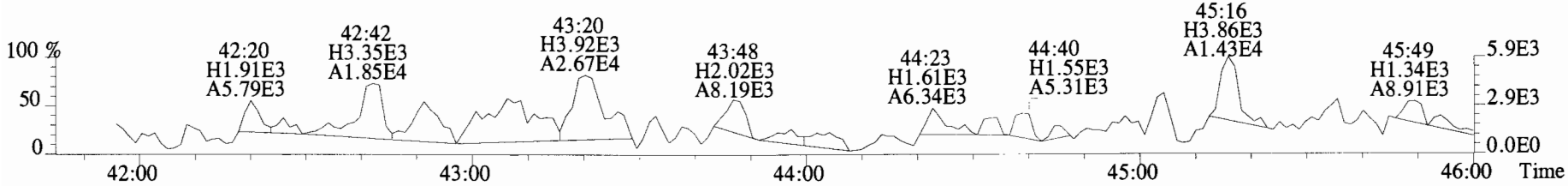
File:171108E3 #1-571 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1472.0,0.00%,F,F)



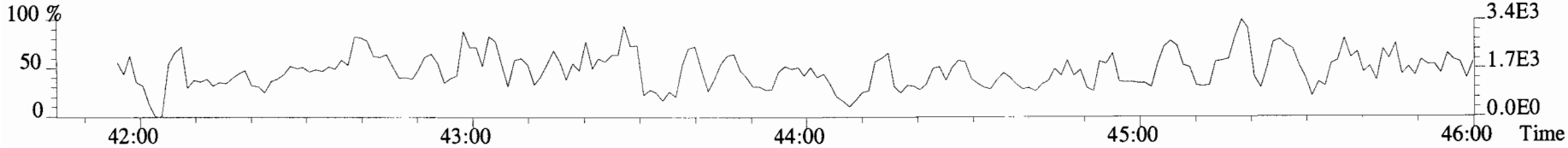
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1652.0,0.00%,F,F)



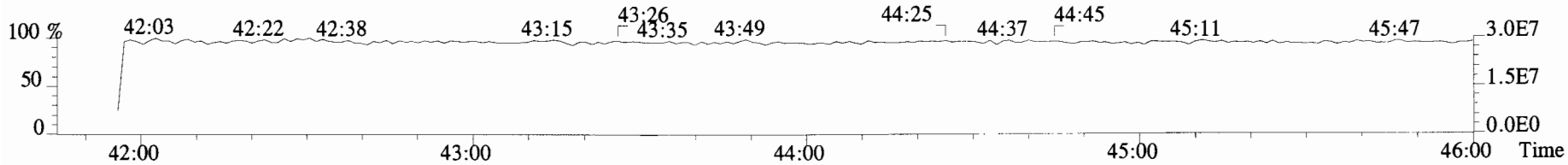
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



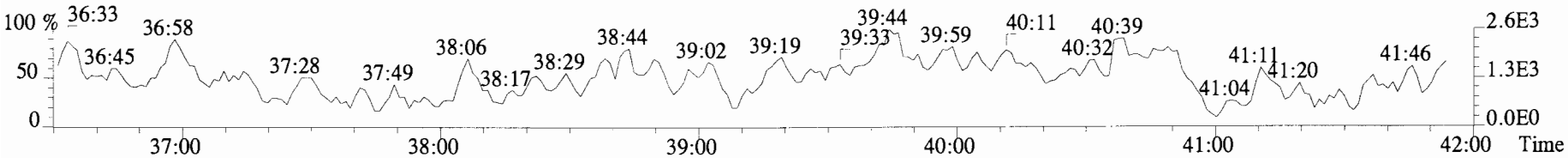
339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



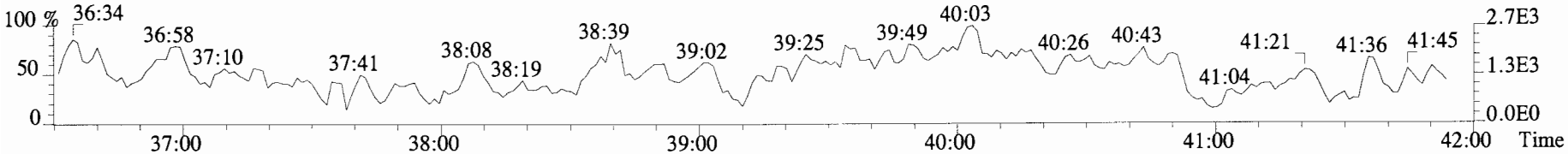
380.9760 S:8 F:4



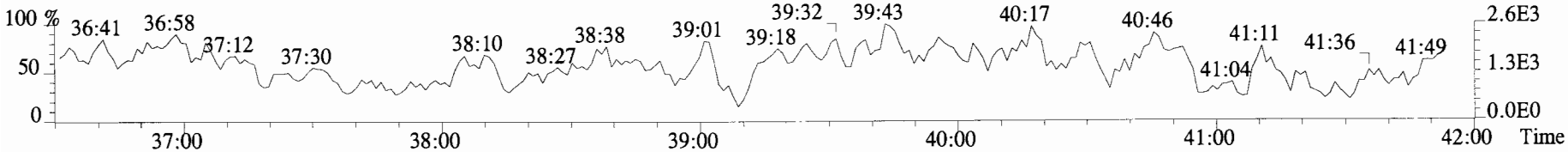
File:171108E3 #1-759 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



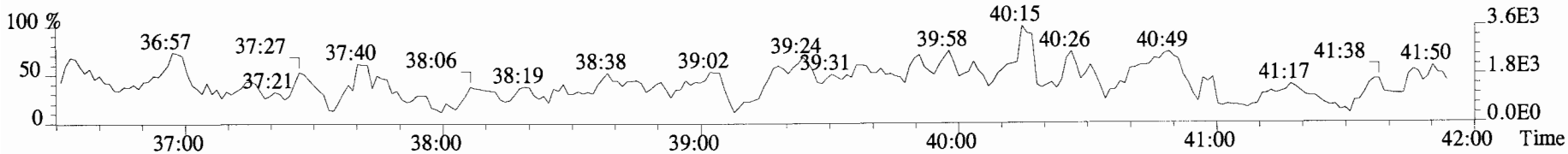
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



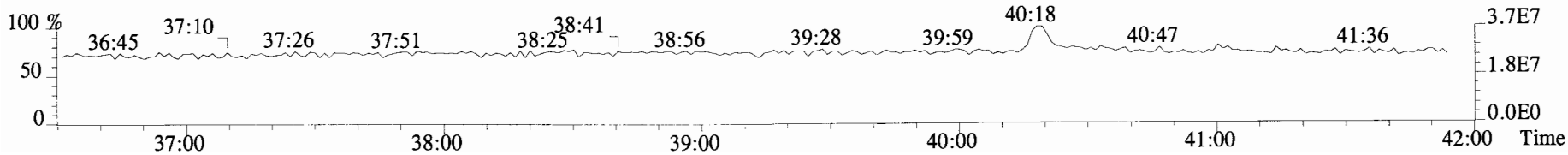
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1788.0,0.00%,F,F)



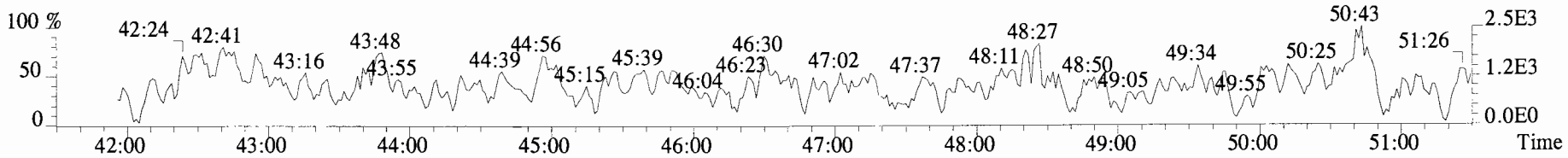
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



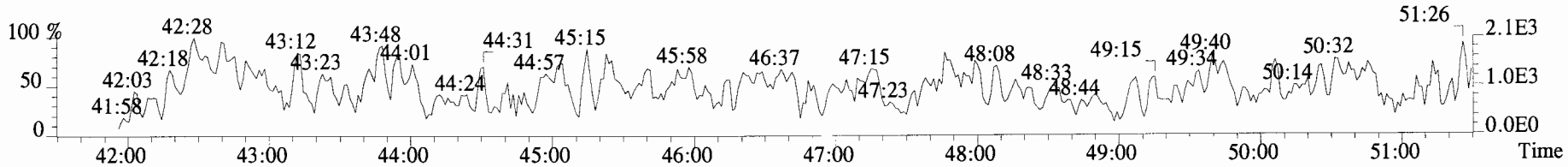
330.9792 S:8 F:3



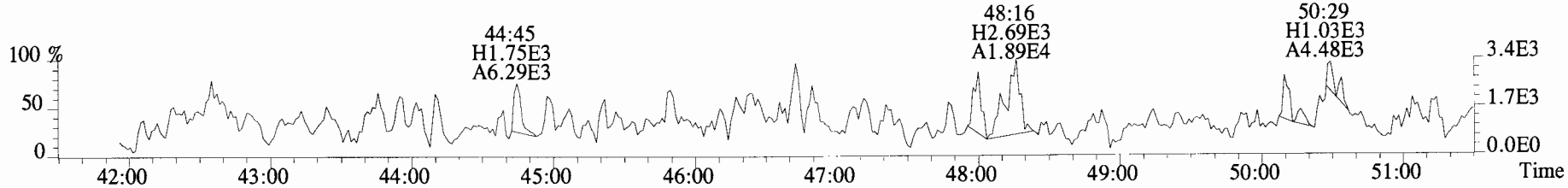
File:171108E3 #1-571 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1296.0,0.00%,F,F)



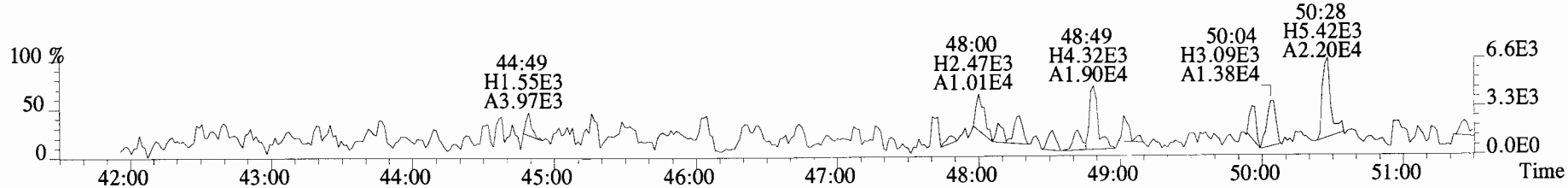
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1312.0,0.00%,F,F)



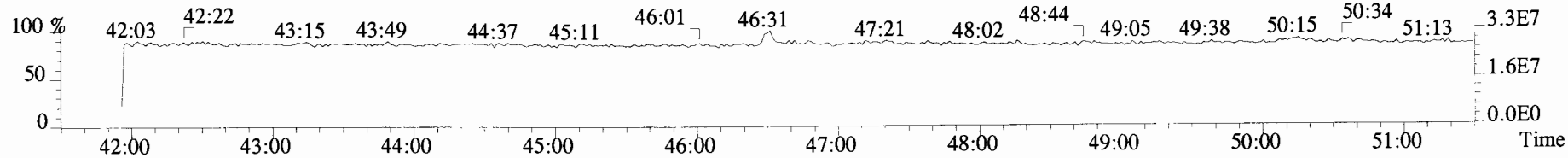
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



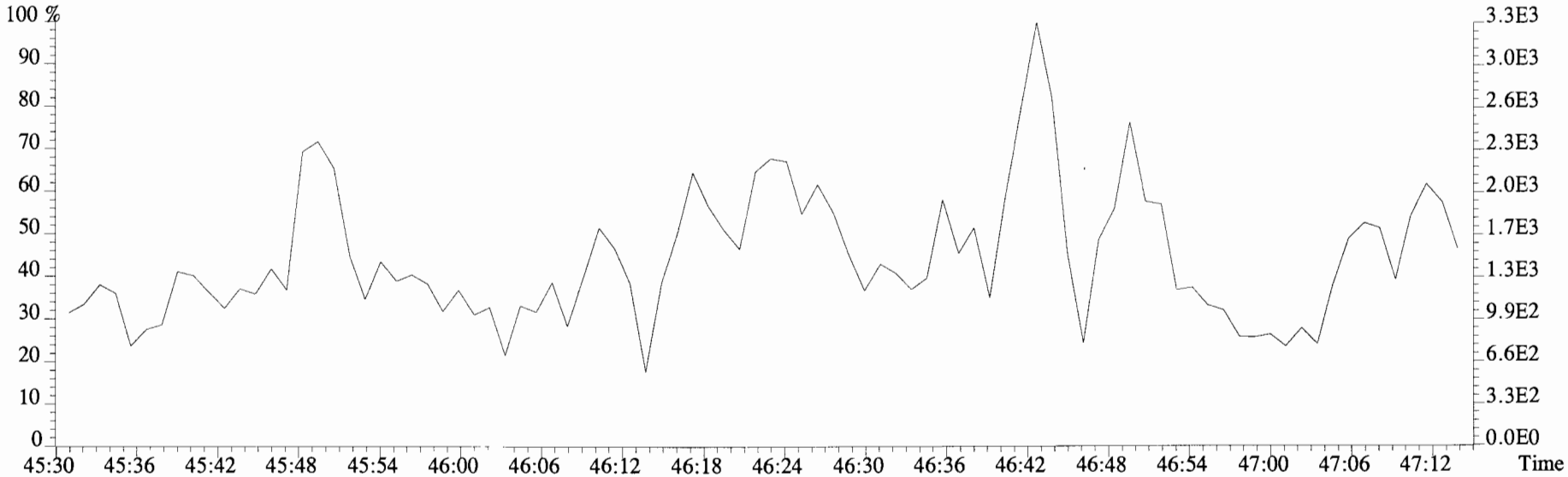
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)



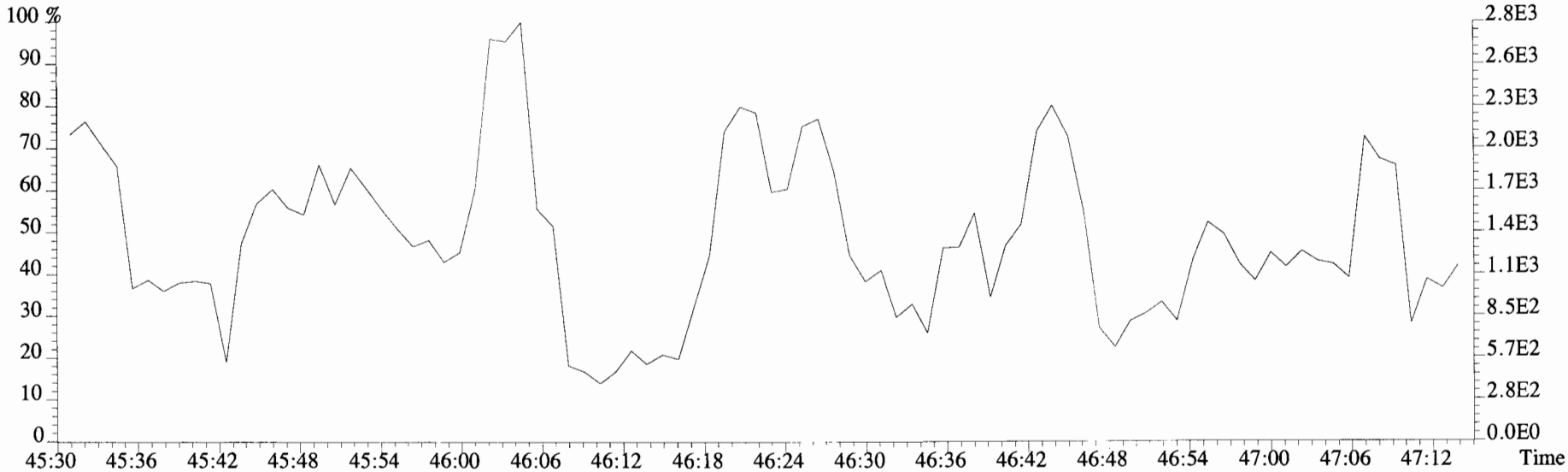
380.9760 S:8 F:4



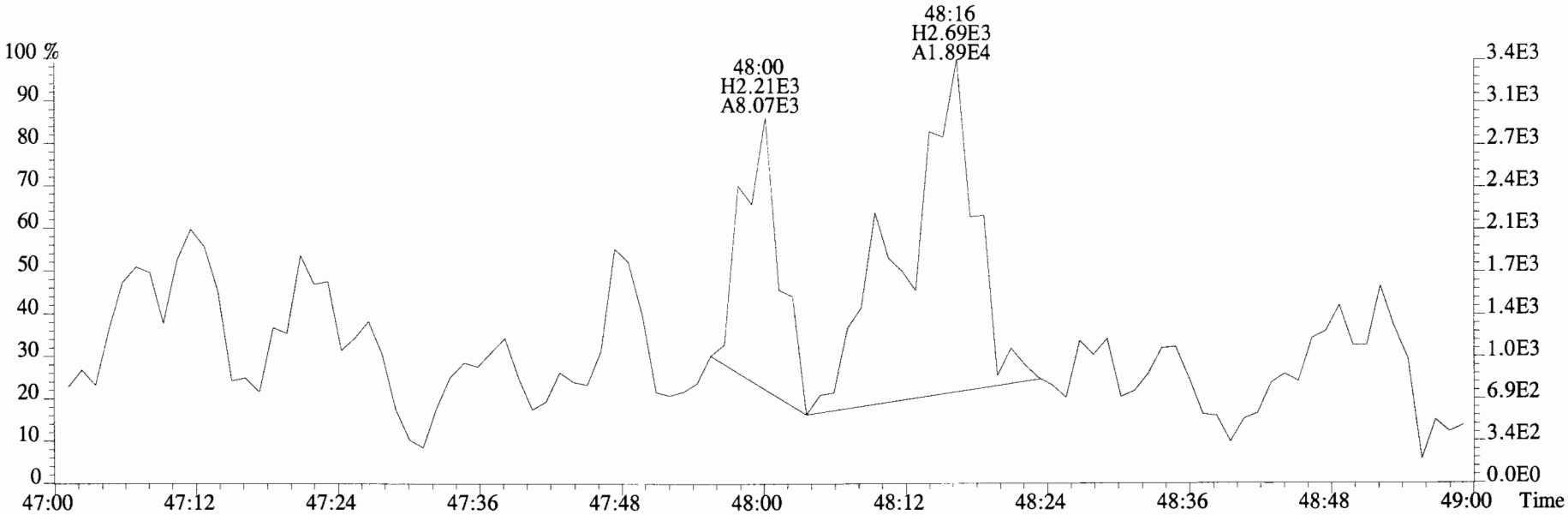
File:171108E3 #1-571 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



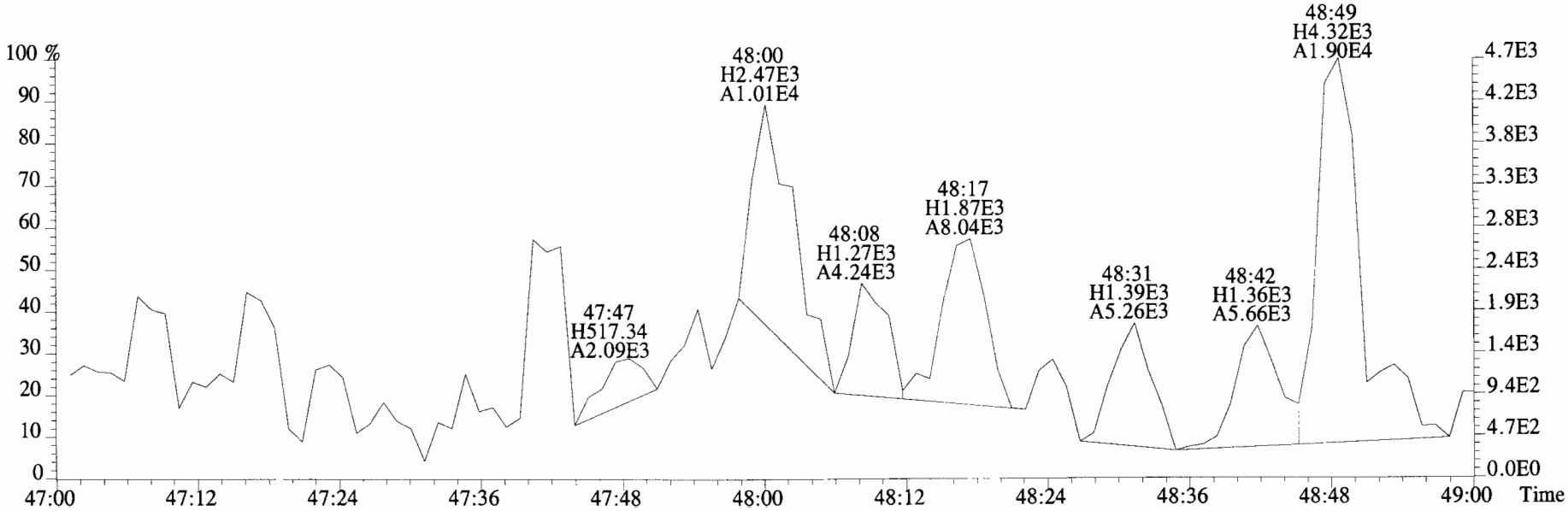
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)



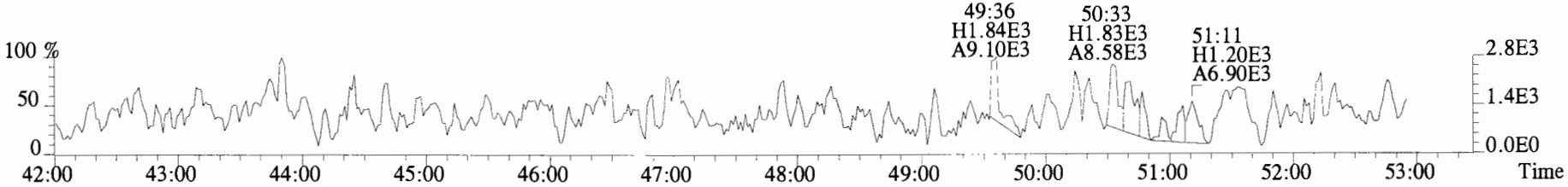
File:171108E3 #1-571 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



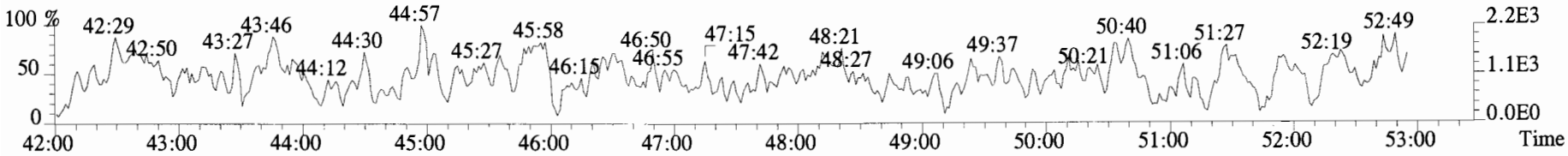
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)



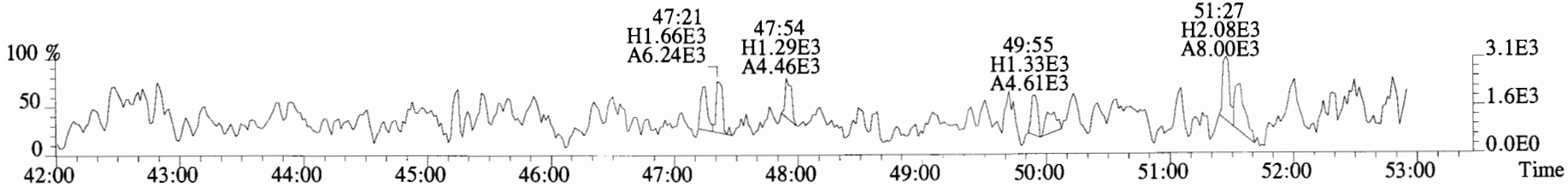
File:171108E3 #1-571 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1480.0,0.00%,F,F)



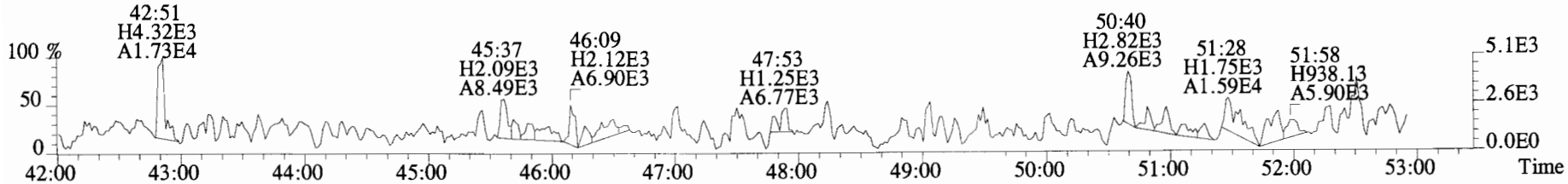
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1340.0,0.00%,F,F)



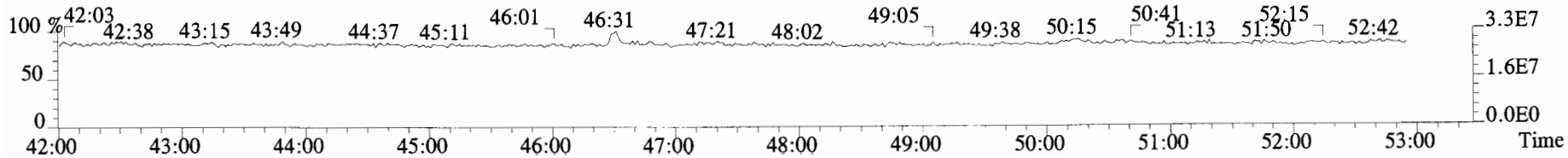
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)



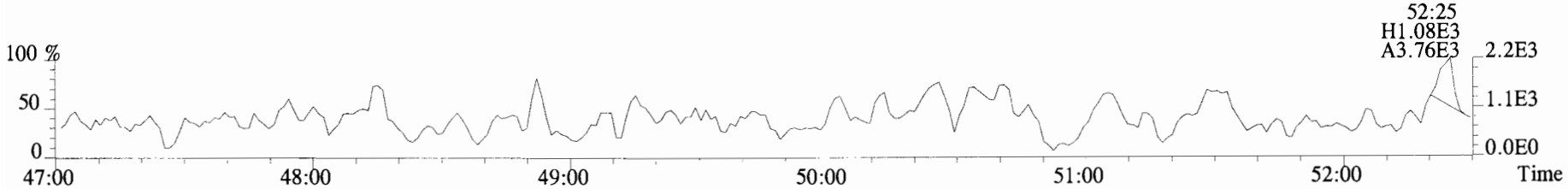
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



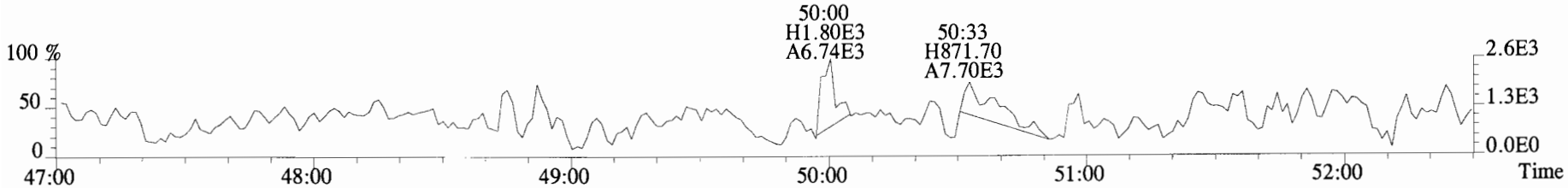
380.9760 S:8 F:4



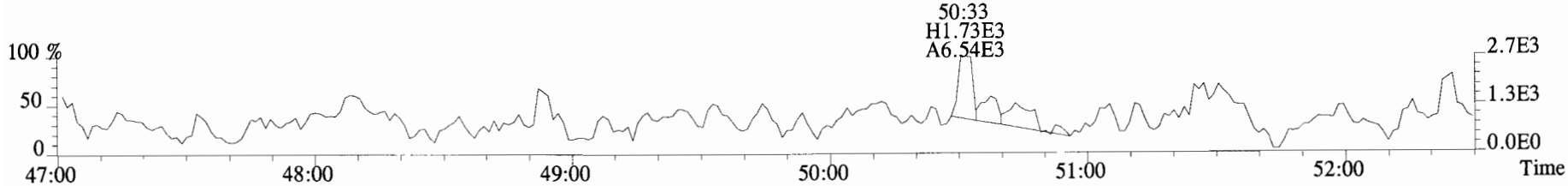
File:171108E3 #1-571 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1128.0,0.00%,F,F)



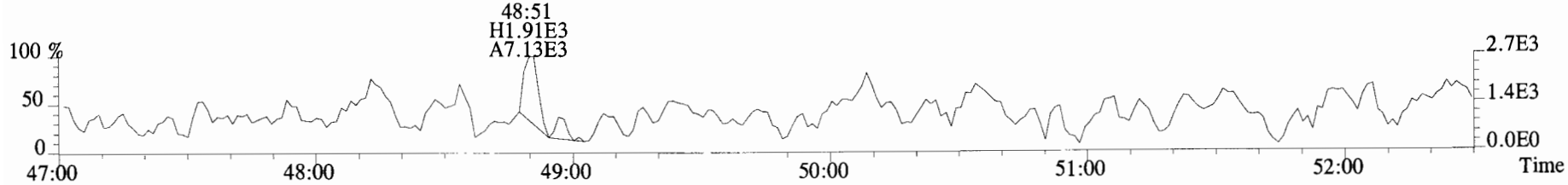
429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1348.0,0.00%,F,F)



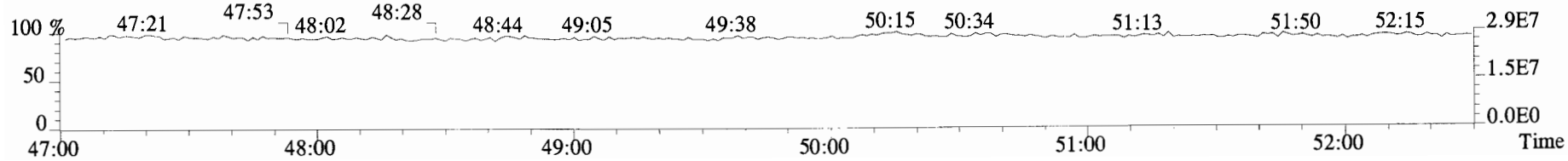
439.8038 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1232.0,0.00%,F,F)



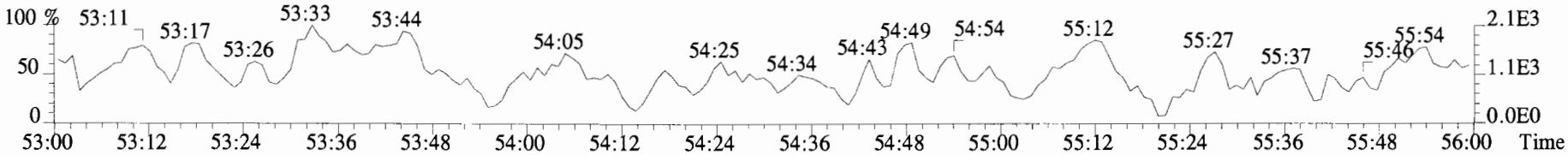
441.8008 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



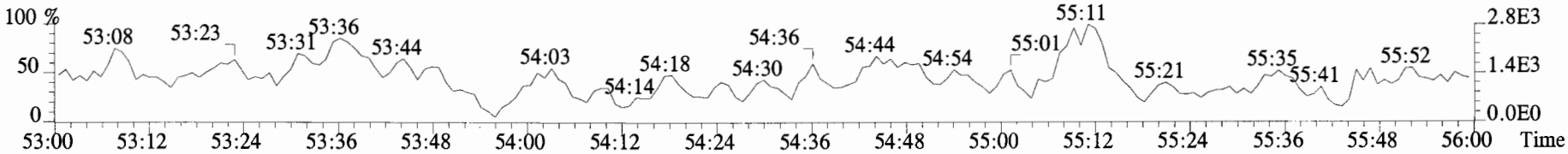
380.9760 S:8 F:4



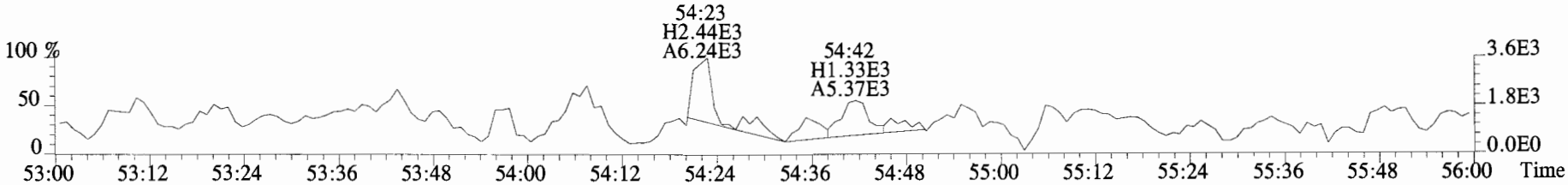
File:171108E3 #1-335 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1460.0,0.00%,F,F)



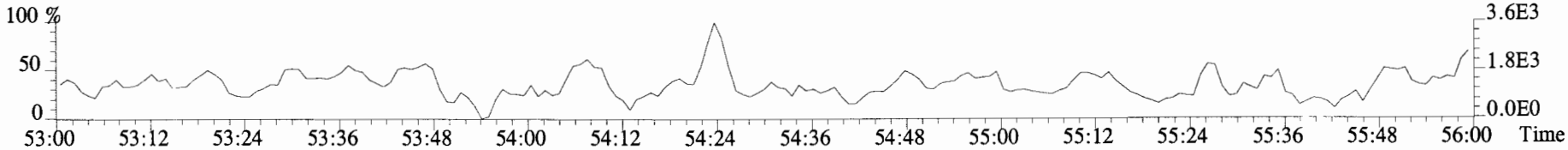
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



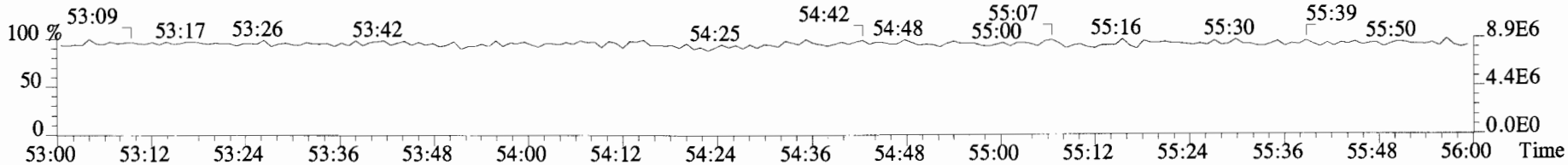
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1620.0,0.00%,F,F)



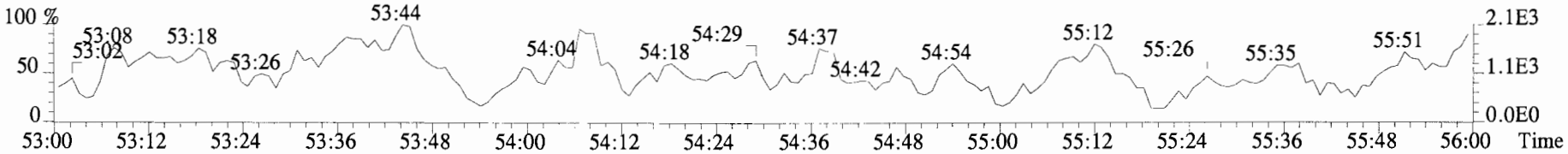
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



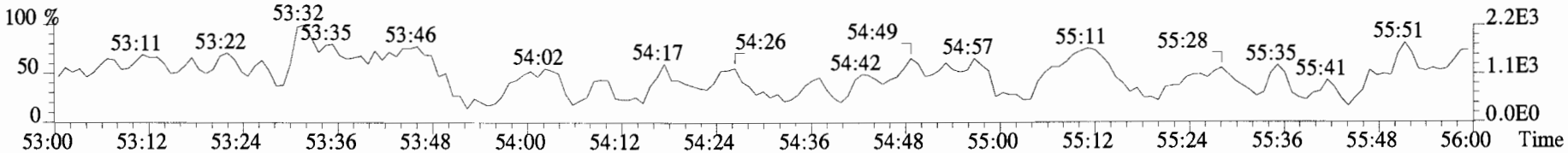
492.9697 S:8 F:5



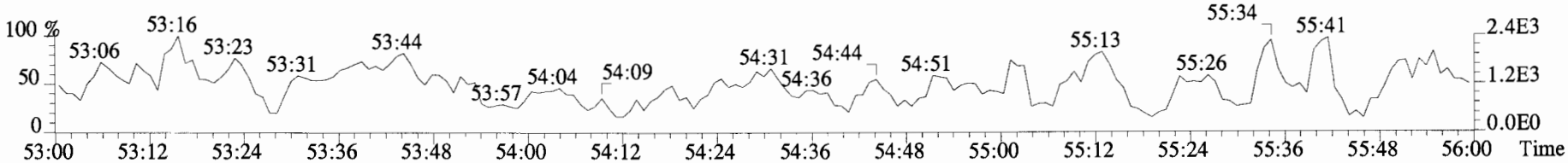
File:171108E3 #1-335 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1424.0,0.00%,F,F)



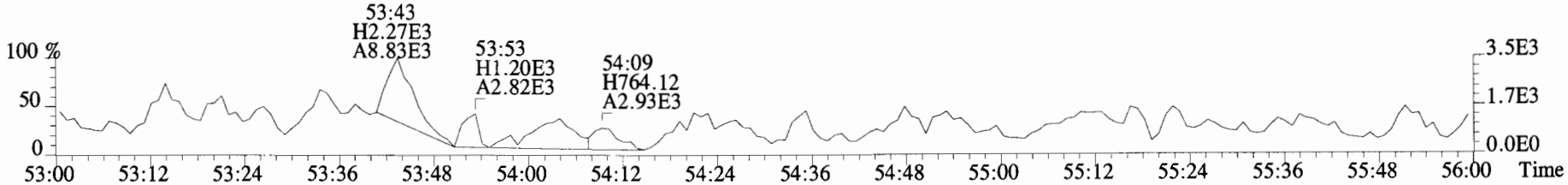
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1408.0,0.00%,F,F)



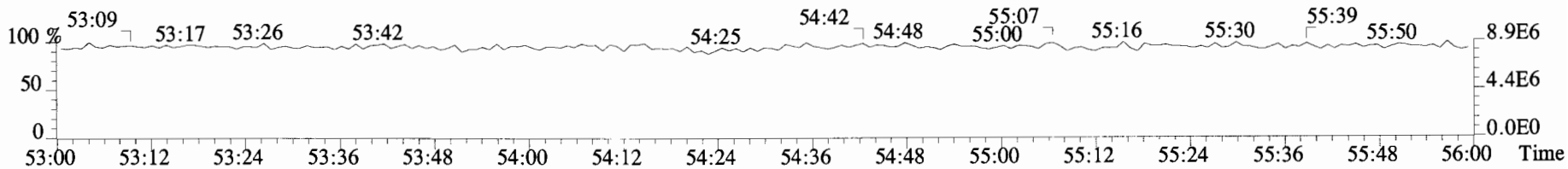
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



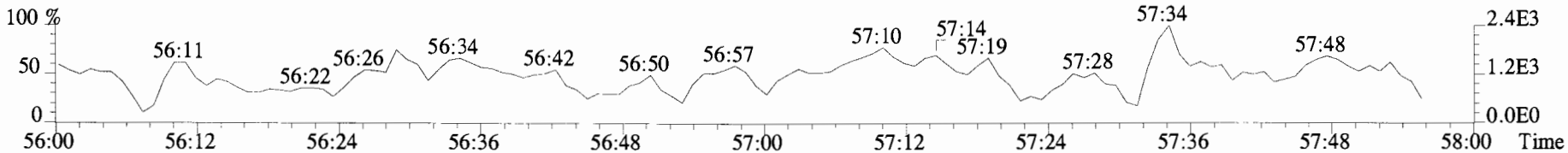
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1328.0,0.00%,F,F)



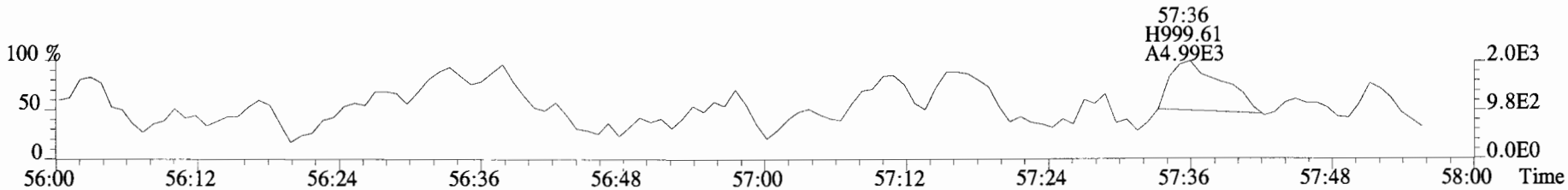
492.9697 S:8 F:5



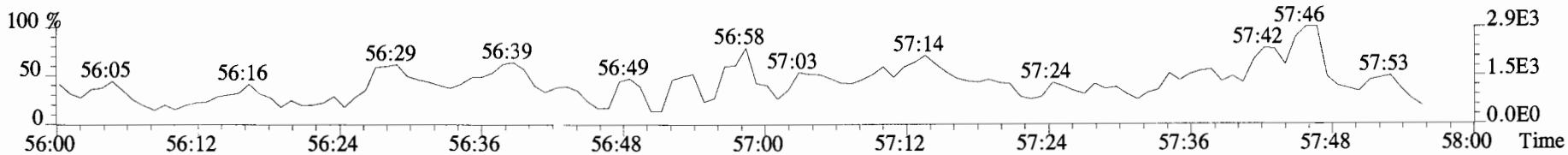
File:171108E3 #1-335 Acq: 9-NOV-2017 07:40:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



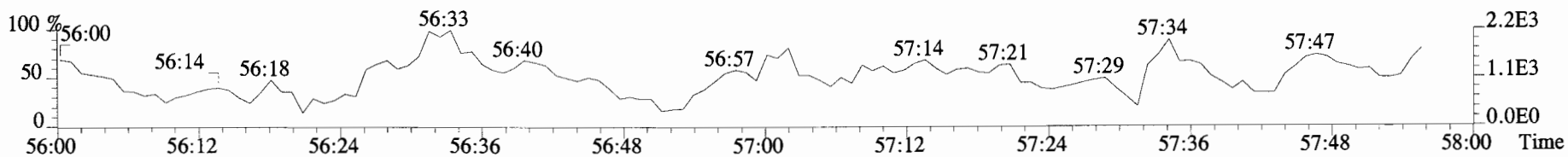
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1296.0,0.00%,F,F)



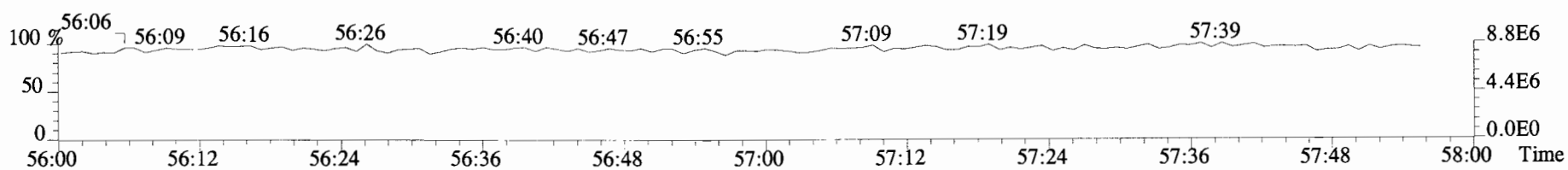
509.7229 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



511.7199 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1436.0,0.00%,F,F)



492.9697 S:8 F:5



INITIAL CALIBRATION

Initial Calibration RRF Summary (ICAL) Vista Analytical Laboratory

Run: 171027E1 Analyte: PCB Cal: PCBVG8-10-27-17 Inst. ID. VG-8

Data filename: 171027E1

			Samp# 1	Samp# 2	Samp# 3	Samp# 4	Samp# 5	Samp# 6
			0.25	1.0	2.5	50	400	1000
Name	Mean RRF	%RSD	RRF#1	RRF#2	RRF#3	RRF#4	RRF#5	RRF#6
PCB-1	1.136	7.89 %	1.25	1.21	1.18	1.09	1.04	1.05
PCB-2	1.088	7.15 %	1.22	1.11	1.11	1.02	1.03	1.04
PCB-3	1.105	6.98 %	1.21	1.16	1.15	1.07	1.02	1.03
PCB-4/10	1.414	6.89 %	1.53	1.50	1.46	1.39	1.31	1.30
PCB-7/9	1.128	6.41 %	1.23	1.15	1.18	1.10	1.06	1.05
PCB-6	1.092	6.14 %	1.21	1.10	1.09	1.08	1.03	1.03
PCB-5/8	1.139	5.99 %	1.24	1.19	1.16	1.11	1.07	1.07
PCB-14	1.386	8.69 %	1.57	1.43	1.45	1.34	1.26	1.26
PCB-11	1.175	9.53 %	1.37	1.19	1.21	1.12	1.08	1.08
PCB-12/13	1.151	5.07 %	1.24	1.19	1.17	1.12	1.09	1.09
PCB-15	1.265	4.61 %	1.26	1.35	1.32	1.25	1.20	1.21
PCB-19	1.245	6.53 %	1.35	1.30	1.30	1.21	1.15	1.16
PCB-30	1.942	4.15 %	2.00	2.02	2.02	1.91	1.83	1.88
PCB-18	0.948	7.99 %	1.04	1.01	0.99	0.92	0.86	0.87
PCB-17	1.029	7.08 %	1.10	1.10	1.08	1.01	0.94	0.95
PCB-24/27	1.349	5.98 %	1.44	1.42	1.39	1.32	1.26	1.26
PCB-16/32	1.106	6.89 %	1.20	1.17	1.15	1.08	1.02	1.02
PCB-34	1.188	6.99 %	1.18	1.27	1.31	1.16	1.12	1.10
PCB-23	1.236	7.84 %	1.38	1.30	1.27	1.18	1.15	1.13
PCB-29	1.261	7.51 %	1.38	1.29	1.35	1.22	1.18	1.14
PCB-26	1.231	6.23 %	1.34	1.26	1.28	1.20	1.16	1.14
PCB-25	1.151	6.83 %	1.25	1.21	1.20	1.10	1.09	1.06
PCB-31	1.319	7.86 %	1.43	1.32	1.46	1.25	1.25	1.21
PCB-28	1.250	11.42 %	1.50	1.29	1.29	1.17	1.13	1.12
PCB-20/21/33	1.201	4.86 %	1.26	1.20	1.28	1.15	1.16	1.15
PCB-22	1.198	8.09 %	1.33	1.25	1.26	1.11	1.13	1.10
PCB-36	1.239	6.64 %	1.33	1.33	1.27	1.22	1.16	1.14
PCB-39	1.321	8.41 %	1.42	1.44	1.38	1.28	1.21	1.19
PCB-38	1.176	7.06 %	1.28	1.26	1.20	1.14	1.10	1.08
PCB-35	1.197	6.52 %	1.33	1.24	1.20	1.16	1.12	1.13
PCB-37	1.330	6.78 %	1.45	1.39	1.39	1.28	1.24	1.23
PCB-54	1.119	8.87 %	1.26	1.15	1.20	1.08	1.01	1.02
PCB-50	0.899	7.96 %	1.03	0.90	0.93	0.86	0.83	0.85
PCB-53	1.143	7.31 %	1.16	1.28	1.18	1.13	1.07	1.05
PCB-51	1.184	8.69 %	1.33	1.22	1.25	1.14	1.08	1.07
PCB-45	1.029	9.92 %	1.22	1.00	1.05	1.00	0.95	0.95
PCB-46	0.980	8.52 %	1.08	1.06	1.02	0.94	0.89	0.90
PCB-52/69	1.325	4.34 %	1.38	1.40	1.33	1.31	1.26	1.27
PCB-73	1.388	7.36 %	1.51	1.45	1.48	1.34	1.28	1.28
PCB-43/49	1.141	4.17 %	1.20	1.18	1.17	1.11	1.08	1.11
PCB-47	1.042	5.94 %	1.04	1.07	1.15	1.02	0.98	0.99

MD 10/30/17
11/1/17

PCB-48/75	1.313	8.12 %	1.44	1.44	1.31	1.25	1.21	1.22
PCB-65	1.234	9.74 %	1.34	1.41	1.22	1.12	1.19	1.12
PCB-62	1.267	8.33 %	1.40	1.30	1.34	1.27	1.10	1.19
PCB-44	0.909	10.92 %	1.02	1.02	0.95	0.85	0.81	0.82
PCB-42/59	1.197	6.57 %	1.28	1.24	1.28	1.14	1.11	1.13
PCB-41/64/71/72	1.273	4.06 %	1.32	1.33	1.31	1.24	1.22	1.22
PCB-68	1.477	6.80 %	1.64	1.52	1.52	1.41	1.38	1.39
PCB-40	0.820	8.60 %	0.91	0.88	0.85	0.78	0.74	0.76
PCB-57	1.146	7.47 %	1.20	1.26	1.20	1.10	1.04	1.08
PCB-67	1.144	8.18 %	1.22	1.16	1.28	1.08	1.04	1.07
PCB-58	1.221	11.42 %	1.46	1.27	1.26	1.13	1.09	1.12

PCB-63	1.222	7.49 %	1.29	1.35	1.27	1.15	1.13	1.15
PCB-74	1.225	5.78 %	1.31	1.30	1.25	1.18	1.15	1.16
PCB-61/70	1.165	11.02 %	1.38	1.21	1.21	1.09	1.05	1.06
PCB-76/66	1.199	7.31 %	1.33	1.26	1.23	1.13	1.11	1.14
PCB-80	1.383	8.44 %	1.57	1.44	1.42	1.33	1.28	1.26
PCB-55	1.261	8.29 %	1.43	1.33	1.29	1.19	1.18	1.16
PCB-56/60	1.161	6.68 %	1.27	1.21	1.21	1.11	1.09	1.08
PCB-79	1.241	7.79 %	1.40	1.30	1.25	1.18	1.16	1.16
PCB-78	1.129	6.42 %	1.17	1.20	1.21	1.08	1.05	1.06
PCB-81	1.265	9.07 %	1.44	1.33	1.32	1.19	1.16	1.16
PCB-77	1.324	11.53 %	1.56	1.46	1.29	1.23	1.20	1.20
PCB-104	1.367	5.36 %	1.42	1.42	1.45	1.34	1.28	1.29
PCB-96	1.184	4.92 %	1.28	1.15	1.23	1.16	1.14	1.15
PCB-103	1.122	8.32 %	1.30	1.12	1.13	1.04	1.05	1.08
PCB-100	1.096	3.88 %	1.10	1.11	1.16	1.04	1.06	1.11
PCB-94	1.163	6.13 %	1.24	1.20	1.24	1.13	1.09	1.09
PCB-95/98/102	1.313	4.86 %	1.39	1.35	1.36	1.28	1.25	1.25
PCB-93	1.079	11.83 %	1.18	1.08	1.28	1.02	0.94	0.98
PCB-88/91	1.198	11.28 %	1.38	1.33	1.23	1.11	1.07	1.07
PCB-121	1.847	5.08 %	2.02	1.83	1.89	1.77	1.78	1.79
PCB-84/92	1.217	6.77 %	1.34	1.27	1.25	1.19	1.14	1.12
PCB-89	1.185	9.04 %	1.26	1.30	1.28	1.14	1.08	1.05
PCB-90/101	1.381	8.28 %	1.57	1.42	1.42	1.33	1.28	1.26
PCB-113	1.518	7.25 %	1.52	1.59	1.68	1.51	1.41	1.39
PCB-99	1.476	13.91 %	1.86	1.52	1.46	1.35	1.34	1.33
PCB-119	2.120	6.81 %	2.18	2.34	2.20	2.01	1.99	2.00
PCB-108/112	1.591	8.56 %	1.75	1.72	1.66	1.52	1.45	1.44
PCB-83	1.896	5.69 %	1.98	1.93	2.05	1.84	1.80	1.78
PCB-97	1.500	9.51 %	1.71	1.60	1.55	1.43	1.35	1.36
PCB-86	1.191	8.50 %	1.27	1.34	1.15	1.05	1.15	1.19
PCB-87/117/125	1.764	5.67 %	1.87	1.82	1.86	1.71	1.68	1.64
PCB-111/115	2.087	6.78 %	2.23	2.15	2.24	2.05	1.93	1.92
PCB-85/116	1.532	7.13 %	1.67	1.67	1.49	1.46	1.44	1.46
PCB-120	2.187	5.12 %	2.20	2.32	2.32	2.13	2.11	2.05
PCB-110	1.865	8.96 %	2.08	1.98	1.97	1.74	1.73	1.68
PCB-82	0.881	10.52 %	1.02	0.93	0.91	0.83	0.80	0.78
PCB-124	1.458	11.34 %	1.72	1.58	1.48	1.35	1.32	1.30
PCB-107/109	1.473	6.95 %	1.68	1.41	1.47	1.42	1.43	1.43
PCB-123	1.475	12.44 %	1.80	1.51	1.54	1.37	1.32	1.32
PCB-106/118	1.448	8.11 %	1.59	1.53	1.54	1.38	1.34	1.31
PCB-114	1.393	9.01 %	1.59	1.43	1.46	1.33	1.27	1.28
PCB-122	1.211	8.14 %	1.29	1.33	1.26	1.15	1.10	1.12
PCB-105	1.440	8.99 %	1.65	1.49	1.50	1.34	1.32	1.33
PCB-127	1.191	6.93 %	1.31	1.23	1.24	1.13	1.12	1.11
PCB-126	1.334	8.39 %	1.50	1.42	1.38	1.24	1.25	1.23
PCB-155	1.421	9.14 %	1.62	1.51	1.45	1.36	1.30	1.28
PCB-150	1.322	6.13 %	1.42	1.39	1.36	1.29	1.22	1.25
PCB-152	1.296	4.88 %	1.35	1.38	1.33	1.25	1.23	1.24
PCB-145	1.272	7.02 %	1.41	1.36	1.24	1.21	1.20	1.21
PCB-136	1.302	7.06 %	1.37	1.45	1.30	1.26	1.23	1.20

PCB-148	0.943	2.80 %	0.98	0.97	0.92	0.91	0.94	0.93
PCB-154	1.039	4.86 %	1.06	1.11	1.07	1.02	1.00	0.97
PCB-151	0.968	4.58 %	1.03	1.00	0.99	0.95	0.91	0.93
PCB-135	0.993	3.73 %	1.04	1.03	0.99	0.98	0.95	0.97
PCB-144	0.994	10.99 %	1.21	0.95	0.98	0.91	0.95	0.96
PCB-147	0.888	3.95 %	0.85	0.95	0.90	0.86	0.88	0.89
PCB-139/149	1.029	3.26 %	1.05	1.06	1.06	0.98	1.00	1.03
PCB-140	0.967	10.01 %	1.15	0.94	1.00	0.92	0.89	0.90
PCB-134/143	0.933	7.66 %	1.02	1.01	0.94	0.87	0.88	0.87
PCB-131/133	0.923	5.18 %	0.99	0.97	0.92	0.88	0.89	0.88
PCB-142	0.864	9.26 %	0.90	0.99	0.91	0.79	0.80	0.79

PCB-146/165	1.119	6.38 %	1.20	1.21	1.14	1.05	1.06	1.06
PCB-132/161	1.134	7.81 %	1.28	1.18	1.15	1.05	1.08	1.06
PCB-153	1.157	9.27 %	1.33	1.22	1.19	1.07	1.07	1.07
PCB-168	1.414	9.15 %	1.63	1.47	1.44	1.30	1.32	1.32
PCB-141	1.236	11.26 %	1.48	1.25	1.29	1.15	1.13	1.12
PCB-137	1.254	10.38 %	1.41	1.35	1.35	1.17	1.12	1.13
PCB-130	1.069	4.96 %	1.17	1.03	1.07	1.05	1.05	1.05
PCB-138/163/164	1.365	6.27 %	1.49	1.42	1.41	1.27	1.29	1.31
PCB-158/160	1.460	6.11 %	1.57	1.54	1.50	1.35	1.39	1.41
PCB-129	1.011	8.38 %	1.09	1.09	1.09	0.93	0.93	0.94
PCB-166	1.232	10.28 %	1.41	1.32	1.29	1.13	1.11	1.12
PCB-159	1.310	8.26 %	1.43	1.40	1.39	1.23	1.20	1.20
PCB-128/162	1.095	8.09 %	1.23	1.10	1.16	1.03	1.02	1.02
PCB-167	1.292	11.33 %	1.55	1.35	1.30	1.19	1.18	1.18
PCB-156	1.315	7.51 %	1.43	1.40	1.38	1.24	1.22	1.23
PCB-157	1.337	9.42 %	1.49	1.47	1.39	1.22	1.23	1.23
PCB-169	1.213	7.28 %	1.31	1.27	1.30	1.14	1.13	1.13
PCB-188	1.607	7.18 %	1.75	1.66	1.71	1.55	1.49	1.48
PCB-184	1.459	6.98 %	1.50	1.57	1.56	1.42	1.36	1.33
PCB-179	1.486	6.88 %	1.61	1.58	1.52	1.42	1.40	1.37
PCB-176	1.579	7.24 %	1.69	1.72	1.63	1.50	1.48	1.45
PCB-186	1.536	5.73 %	1.57	1.66	1.61	1.47	1.47	1.45
PCB-178	1.157	7.06 %	1.26	1.19	1.24	1.11	1.08	1.07
PCB-175	1.173	8.95 %	1.32	1.25	1.22	1.09	1.09	1.07
PCB-182/187	1.254	6.43 %	1.37	1.30	1.31	1.18	1.20	1.17
PCB-183	1.321	8.18 %	1.45	1.45	1.33	1.22	1.23	1.24
PCB-185	1.669	8.32 %	1.88	1.70	1.77	1.59	1.55	1.53
PCB-174	1.530	5.63 %	1.61	1.66	1.48	1.50	1.47	1.46
PCB-181	1.591	5.71 %	1.54	1.70	1.72	1.56	1.51	1.53
PCB-177	1.477	7.69 %	1.58	1.54	1.62	1.38	1.38	1.37
PCB-171	1.706	5.91 %	1.74	1.82	1.81	1.60	1.66	1.61
PCB-173	1.398	9.74 %	1.64	1.44	1.43	1.30	1.28	1.31
PCB-172	1.608	4.72 %	1.71	1.64	1.67	1.52	1.54	1.56
PCB-192	2.078	8.66 %	2.40	2.18	2.03	1.92	2.00	1.94
PCB-180	1.668	7.64 %	1.84	1.80	1.67	1.60	1.55	1.55
PCB-193	2.179	6.30 %	2.35	2.24	2.31	2.06	2.07	2.05
PCB-191	2.223	6.36 %	2.21	2.43	2.36	2.09	2.13	2.12
PCB-170	1.828	7.72 %	2.01	1.96	1.88	1.70	1.70	1.71
PCB-190	2.480	6.72 %	2.74	2.60	2.51	2.34	2.33	2.36
PCB-189	1.818	6.67 %	1.95	1.95	1.87	1.72	1.70	1.71
PCB-202	1.155	9.15 %	1.32	1.21	1.21	1.08	1.07	1.05
PCB-201	1.252	6.69 %	1.33	1.33	1.32	1.20	1.17	1.16
PCB-204	1.213	9.09 %	1.38	1.29	1.25	1.11	1.12	1.13
PCB-197	1.341	7.90 %	1.47	1.43	1.40	1.26	1.25	1.23
PCB-200	1.219	8.35 %	1.38	1.24	1.28	1.14	1.17	1.11
PCB-198	0.902	9.74 %	1.05	0.94	0.92	0.82	0.83	0.85
PCB-199	0.848	5.70 %	0.93	0.85	0.87	0.80	0.84	0.80
PCB-196/203	0.960	5.84 %	1.04	0.96	1.00	0.89	0.92	0.95
PCB-195	1.125	6.65 %	1.22	1.17	1.19	1.06	1.06	1.05
PCB-194	1.263	10.42 %	1.50	1.24	1.32	1.18	1.16	1.16

PCB-205	1.592	7.75 %	1.76	1.70	1.64	1.50	1.48	1.48
PCB-208	1.090	6.30 %	1.18	1.15	1.12	1.03	1.03	1.02
PCB-207	1.097	5.18 %	1.13	1.16	1.15	1.04	1.05	1.05
PCB-206	0.939	6.73 %	1.00	1.00	0.98	0.88	0.88	0.88
PCB-209	1.443	10.18 %	1.66	1.52	1.53	1.33	1.31	1.31
Total Mono-PCB	1.110	7.19 %	1.23	1.16	1.14	1.06	1.03	1.04
Total Di-PCB	1.189	6.43 %	1.30	1.23	1.23	1.16	1.11	1.11
Total Tri-PCB	1.266	6.23 %	1.35	1.34	1.31	1.24	1.17	1.18

Total Tri-PCB	1.232	6.76 %	1.34	1.28	1.29	1.19	1.16	1.14
Total Tetra-PCB	1.167	6.28 %	1.25	1.23	1.21	1.13	1.08	1.10
Total Penta-PCB	1.373	6.31 %	1.49	1.42	1.43	1.31	1.29	1.29
Total Penta-PCB	1.312	8.12 %	1.47	1.38	1.37	1.24	1.21	1.21
Total Hexa-PCB	1.104	5.13 %	1.18	1.15	1.12	1.06	1.05	1.06
Total Hexa-PCB	1.175	7.60 %	1.31	1.24	1.21	1.10	1.10	1.10
Total Hepta-PCB	1.552	6.42 %	1.67	1.64	1.62	1.47	1.47	1.45
Total Octa-PCB	1.095	7.40 %	1.22	1.13	1.14	1.02	1.03	1.03
Total Octa-PCB	1.327	8.01 %	1.49	1.37	1.38	1.25	1.23	1.23
Total Nona-PCB	1.052	5.91 %	1.12	1.11	1.09	1.00	1.00	0.99
Total Deca-PCB	1.443	10.18 %	1.66	1.52	1.53	1.33	1.31	1.31
13C-PCB-1	1.236	5.30 %	1.25	1.29	1.24	1.27	1.26	1.11
13C-PCB-3	1.250	5.81 %	1.25	1.28	1.36	1.25	1.23	1.13
13C-PCB-4	0.658	4.95 %	0.67	0.68	0.69	0.66	0.64	0.60
13C-PCB-9	0.981	3.49 %	0.98	1.00	1.02	1.01	0.96	0.93
13C-PCB-11	0.953	1.13 %	0.96	0.96	0.95	0.96	0.95	0.94
13C-PCB-19	0.637	4.54 %	0.64	0.66	0.65	0.66	0.63	0.58
13C-PCB-32	0.901	1.79 %	0.90	0.91	0.91	0.91	0.90	0.87
13C-PCB-28	0.977	3.37 %	1.01	1.01	0.92	0.99	0.96	0.97
13C-PCB-37	0.953	2.47 %	0.95	0.96	0.93	0.93	0.97	0.99
13C-PCB-54	0.992	6.30 %	1.04	1.04	1.00	1.03	0.95	0.89
13C-PCB-52	0.775	3.90 %	0.80	0.80	0.79	0.79	0.75	0.72
13C-PCB-47	0.848	2.55 %	0.86	0.87	0.86	0.86	0.83	0.81
13C-PCB-70	0.999	1.12 %	1.01	1.00	0.99	1.01	1.00	0.98
13C-PCB-80	1.004	0.68 %	1.01	1.00	1.00	1.00	0.99	1.01
13C-PCB-81	1.004	2.47 %	0.99	0.99	0.99	0.99	1.02	1.05
13C-PCB-77	0.956	2.43 %	0.94	0.93	0.96	0.94	0.99	0.98
13C-PCB-104	1.033	6.89 %	1.06	1.10	1.06	1.08	0.98	0.92
13C-PCB-95	0.811	3.30 %	0.83	0.84	0.80	0.84	0.79	0.77
13C-PCB-101	0.801	0.89 %	0.80	0.81	0.80	0.81	0.79	0.79
13C-PCB-97	0.699	1.58 %	0.72	0.70	0.70	0.70	0.69	0.69
13C-PCB-123	0.954	1.37 %	0.96	0.96	0.98	0.95	0.94	0.95
13C-PCB-118	0.994	2.60 %	0.98	0.96	0.99	0.99	1.01	1.04
13C-PCB-114	1.167	1.44 %	1.15	1.16	1.15	1.17	1.19	1.18
13C-PCB-105	1.160	1.79 %	1.14	1.15	1.14	1.17	1.19	1.17
13C-PCB-127	1.252	0.99 %	1.25	1.24	1.24	1.26	1.25	1.27
13C-PCB-126	1.159	2.38 %	1.13	1.15	1.13	1.17	1.18	1.19
13C-PCB-155	0.749	2.08 %	0.74	0.75	0.78	0.75	0.74	0.73
13C-PCB-153	1.283	2.21 %	1.31	1.27	1.30	1.31	1.25	1.25
13C-PCB-141	1.077	0.98 %	1.07	1.09	1.08	1.09	1.07	1.07
13C-PCB-138	1.146	1.48 %	1.15	1.14	1.14	1.18	1.14	1.13
13C-PCB-159	1.378	0.98 %	1.38	1.38	1.36	1.38	1.38	1.40
13C-PCB-167	1.391	1.43 %	1.38	1.42	1.40	1.39	1.37	1.38
13C-PCB-156	1.375	1.25 %	1.35	1.37	1.38	1.37	1.38	1.40
13C-PCB-157	1.376	1.37 %	1.35	1.37	1.37	1.39	1.37	1.40
13C-PCB-169	1.376	2.66 %	1.31	1.38	1.36	1.39	1.39	1.42
13C-PCB-188	1.387	2.05 %	1.43	1.40	1.38	1.40	1.35	1.37
13C-PCB-180	0.962	1.27 %	0.98	0.97	0.97	0.95	0.94	0.96
13C-PCB-170	0.838	1.53 %	0.82	0.85	0.85	0.83	0.84	0.84
13C-PCB-189	1.118	2.25 %	1.11	1.09	1.12	1.11	1.12	1.16
13C-PCB-202	1.210	0.89 %	1.20	1.23	1.21	1.21	1.20	1.22

13C-PCB-194	0.761	0.63 %	0.76	0.76	0.76	0.76	0.77	0.75
13C-PCB-208	1.076	2.16 %	1.09	1.08	1.10	1.08	1.06	1.04
13C-PCB-206	0.781	0.79 %	0.78	0.79	0.78	0.78	0.78	0.78
13C-PCB-209	0.731	1.91 %	0.72	0.74	0.71	0.74	0.75	0.72
13C-PCB-15	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-31	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-60	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-111	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-128	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-182	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00

13C-PCB-205	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-79	1.018	0.88 %	1.01	1.01	1.01	1.03	1.02	1.02
13C-PCB-178	0.904	2.53 %	0.92	0.91	0.90	0.93	0.89	0.87
13C-PCB-79	1.015	2.29 %	1.02	1.02	1.02	1.04	1.01	0.97
13C-PCB-178	0.940	2.32 %	0.94	0.94	0.93	0.98	0.94	0.91

Filename: 171027E1 S: 1 Acquired: 27-OCT-17 10:27:40
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-1 PCB CS0 17C0307

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	0.25	7.10e+05	3.11 y	16:02	-	1.25
2	Mono	PCB-2	0.25	6.94e+05	2.97 y	18:25	-	1.22
3	Mono	PCB-3	0.25	6.86e+05	2.78 y	18:40	-	1.21
4	Di	PCB-4/10	0.50	9.34e+05	1.38 y	20:02	-	1.53
5	Di	PCB-7/9	0.50	1.10e+06	1.45 y	21:50	-	1.23
6	Di	PCB-6	0.25	5.42e+05	1.74 y	22:29	-	1.21
7	Di	PCB-5/8	0.50	1.10e+06	1.47 y	22:54	-	1.24
8	Di	PCB-14	0.25	6.87e+05	1.39 y	23:59	-	1.57
9	Di	PCB-11	0.25	6.01e+05	1.38 y	25:12	-	1.37
10	Di	PCB-12/13	0.50	1.08e+06	1.44 y	25:35	-	1.24
11	Di	PCB-15	0.25	5.52e+05	1.66 y	25:53	-	1.26
12	Tri	PCB-19	0.25	3.95e+05	1.10 y	24:10	-	1.35
13	Tri	PCB-30	0.25	5.84e+05	0.97 y	25:04	-	2.00
14	Tri	PCB-18	0.25	4.27e+05	1.12 y	25:50	-	1.04
15	Tri	PCB-17	0.25	4.50e+05	1.08 y	26:00	-	1.10
16	Tri	PCB-24/27	0.50	1.18e+06	1.08 y	26:34	-	1.44
17	Tri	PCB-16/32	0.50	9.87e+05	1.14 y	27:05	-	1.20
18	Tri	PCB-34	0.25	4.78e+05	0.94 y	27:53	-	1.18
19	Tri	PCB-23	0.25	5.58e+05	1.12 y	27:58	-	1.38
20	Tri	PCB-29	0.25	5.56e+05	1.09 y	28:13	-	1.38
21	Tri	PCB-26	0.25	5.40e+05	1.07 y	28:27	-	1.34
22	Tri	PCB-25	0.25	5.04e+05	1.03 y	28:36	-	1.25
23	Tri	PCB-31	0.25	5.77e+05	1.13 y	28:57	-	1.43
24	Tri	PCB-28	0.25	6.05e+05	1.16 y	29:04	-	1.50
25	Tri	PCB-20/21/33	0.75	1.53e+06	1.06 y	29:41	-	1.26
26	Tri	PCB-22	0.25	5.38e+05	0.96 y	30:07	-	1.33
27	Tri	PCB-36	0.25	5.00e+05	0.98 y	30:44	-	1.33
28	Tri	PCB-39	0.25	5.37e+05	1.10 y	31:13	-	1.42
29	Tri	PCB-38	0.25	4.83e+05	1.06 y	31:58	-	1.28
30	Tri	PCB-35	0.25	5.01e+05	1.18 y	32:30	-	1.33
31	Tri	PCB-37	0.25	5.47e+05	1.19 y	32:56	-	1.45
32	Tetra	PCB-54	0.25	5.09e+05	0.72 y	27:56	-	1.26
33	Tetra	PCB-50	0.25	4.16e+05	0.79 y	29:07	-	1.03
34	Tetra	PCB-53	0.25	3.59e+05	0.87 y	29:45	-	1.16
35	Tetra	PCB-51	0.25	4.11e+05	0.79 y	30:06	-	1.33
36	Tetra	PCB-45	0.25	3.78e+05	0.72 y	30:32	-	1.22
37	Tetra	PCB-46	0.25	3.33e+05	0.78 y	31:01	-	1.08
38	Tetra	PCB-52/69	0.50	8.53e+05	0.80 y	31:30	-	1.38
39	Tetra	PCB-73	0.25	4.66e+05	0.79 y	31:37	-	1.51
40	Tetra	PCB-43/49	0.50	7.40e+05	0.71 y	31:47	-	1.20

41	Tetra	PCB-47	0.25	3.47e+05	0.85 y	31:58	-	1.04
42	Tetra	PCB-48/75	0.50	9.62e+05	0.74 y	32:05	-	1.44
43	Tetra	PCB-65	0.25	4.48e+05	0.87 y	32:22	-	1.34
44	Tetra	PCB-62	0.25	4.67e+05	0.76 y	32:28	-	1.40
45	Tetra	PCB-44	0.25	3.39e+05	0.77 y	32:47	-	1.02
46	Tetra	PCB-42/59	0.50	8.53e+05	0.80 y	33:01	-	1.28
47	Tetra	PCB-41/64/71/72	1.00	1.76e+06	0.80 y	33:36	-	1.32
48	Tetra	PCB-68	0.25	5.46e+05	0.69 y	33:51	-	1.64
49	Tetra	PCB-40	0.25	3.02e+05	0.81 y	34:04	-	0.91
50	Tetra	PCB-57	0.25	4.71e+05	0.78 y	34:26	-	1.20
51	Tetra	PCB-67	0.25	4.79e+05	0.83 y	34:43	-	1.22

52	Tetra	PCB-58	0.25	5.72e+05	0.86 y	34:51	-	1.46
53	Tetra	PCB-63	0.25	5.07e+05	0.77 y	35:00	-	1.29
54	Tetra	PCB-74	0.25	5.13e+05	0.81 y	35:17	-	1.31
55	Tetra	PCB-61/70	0.50	1.08e+06	0.84 y	35:27	-	1.38
56	Tetra	PCB-76/66	0.50	1.04e+06	0.83 y	35:41	-	1.33
57	Tetra	PCB-80	0.25	6.15e+05	0.81 y	35:55	-	1.57
58	Tetra	PCB-55	0.25	5.60e+05	0.80 y	36:14	-	1.43
59	Tetra	PCB-56/60	0.50	9.94e+05	0.66 y	36:43	-	1.27
60	Tetra	PCB-79	0.25	5.50e+05	0.75 y	37:48	-	1.40
61	Tetra	PCB-78	0.25	4.50e+05	0.87 y	38:29	-	1.17
62	Tetra	PCB-81	0.25	5.53e+05	0.84 y	39:01	-	1.44
63	Tetra	PCB-77	0.25	5.72e+05	0.80 y	39:36	-	1.56
64	Penta	PCB-104	0.25	3.55e+05	1.34 y	32:38	-	1.42
65	Penta	PCB-96	0.25	3.21e+05	1.42 y	33:54	-	1.28
66	Penta	PCB-103	0.25	3.25e+05	1.41 y	34:26	-	1.30
67	Penta	PCB-100	0.25	2.75e+05	1.46 y	34:47	-	1.10
68	Penta	PCB-94	0.25	2.40e+05	1.65 y	35:16	-	1.24
69	Penta	PCB-95/98/102	0.75	8.12e+05	1.54 y	35:44	-	1.39
70	Penta	PCB-93	0.25	2.28e+05	1.76 y	35:52	-	1.18
71	Penta	PCB-88/91	0.50	5.35e+05	1.72 y	36:10	-	1.38
72	Penta	PCB-121	0.25	3.91e+05	1.68 y	36:17	-	2.02
73	Penta	PCB-84/92	0.50	5.06e+05	1.54 y	37:06	-	1.34
74	Penta	PCB-89	0.25	2.37e+05	1.55 y	37:17	-	1.26
75	Penta	PCB-90/101	0.50	5.93e+05	1.56 y	37:29	-	1.57
76	Penta	PCB-113	0.25	2.88e+05	1.75 y	37:42	-	1.52
77	Penta	PCB-99	0.25	3.52e+05	1.63 y	37:48	-	1.86
78	Penta	PCB-119	0.25	3.68e+05	1.76 y	38:17	-	2.18
79	Penta	PCB-108/112	0.50	5.90e+05	1.67 y	38:26	-	1.75
80	Penta	PCB-83	0.25	3.34e+05	1.44 y	38:35	-	1.98
81	Penta	PCB-97	0.25	2.89e+05	1.56 y	38:47	-	1.71
82	Penta	PCB-86	0.25	2.15e+05	1.63 y	38:55	-	1.27
83	Penta	PCB-87/117/125	0.75	9.47e+05	1.42 y	39:03	-	1.87
84	Penta	PCB-111/115	0.50	7.52e+05	1.63 y	39:12	-	2.23
85	Penta	PCB-85/116	0.50	5.64e+05	1.66 y	39:20	-	1.67
86	Penta	PCB-120	0.25	3.71e+05	1.60 y	39:35	-	2.20
87	Penta	PCB-110	0.25	3.52e+05	1.68 y	39:43	-	2.08
88	Penta	PCB-82	0.25	2.29e+05	1.68 y	40:20	-	1.02
89	Penta	PCB-124	0.25	3.85e+05	1.47 y	41:01	-	1.72
90	Penta	PCB-107/109	0.50	7.53e+05	1.56 y	41:10	-	1.68
91	Penta	PCB-123	0.25	4.03e+05	1.48 y	41:21	-	1.80
92	Penta	PCB-106/118	0.50	7.36e+05	1.66 y	41:32	-	1.59
93	Penta	PCB-114	0.25	4.11e+05	1.46 y	42:10	-	1.59
94	Penta	PCB-122	0.25	3.34e+05	1.57 y	42:19	-	1.29
95	Penta	PCB-105	0.25	4.22e+05	1.59 y	43:02	-	1.65
96	Penta	PCB-127	0.25	3.68e+05	1.70 y	43:23	-	1.31
97	Penta	PCB-126	0.25	3.78e+05	1.57 y	45:16	-	1.50
98	Hexa	PCB-155	0.25	2.80e+05	1.22 y	37:02	-	1.62
99	Hexa	PCB-150	0.25	2.46e+05	1.39 y	38:18	-	1.42
100	Hexa	PCB-152	0.25	2.35e+05	1.06 y	38:45	-	1.35
101	Hexa	PCB-145	0.25	2.44e+05	1.32 y	39:12	-	1.41

102	Hexa	PCB-136	0.25	2.37e+05	1.42 y	39:32	-	1.37
103	Hexa	PCB-148	0.25	1.69e+05	1.36 y	39:38	-	0.98
104	Hexa	PCB-154	0.25	1.84e+05	1.32 y	40:08	-	1.06
105	Hexa	PCB-151	0.25	1.79e+05	1.33 y	40:45	-	1.03
106	Hexa	PCB-135	0.25	1.80e+05	1.06 y	40:58	-	1.04
107	Hexa	PCB-144	0.25	2.10e+05	1.16 y	41:06	-	1.21
108	Hexa	PCB-147	0.25	1.48e+05	1.08 y	41:13	-	0.85
109	Hexa	PCB-139/149	0.50	3.64e+05	1.11 y	41:29	-	1.05
110	Hexa	PCB-140	0.25	1.99e+05	1.27 y	41:39	-	1.15
111	Hexa	PCB-134/143	0.50	6.01e+05	1.06 y	42:06	-	1.02
112	Hexa	PCB-131/133	0.50	5.83e+05	1.19 y	42:24	-	0.99

113	Hexa	PCB-142	0.25	2.65e+05	1.06 y	42:33	-	0.90
114	Hexa	PCB-146/165	0.50	7.03e+05	1.34 y	42:47	-	1.20
115	Hexa	PCB-132/161	0.50	7.53e+05	1.41 y	43:02	-	1.28
116	Hexa	PCB-153	0.25	3.90e+05	1.35 y	43:12	-	1.33
117	Hexa	PCB-168	0.25	4.79e+05	1.11 y	43:25	-	1.63
118	Hexa	PCB-141	0.25	3.56e+05	1.19 y	43:56	-	1.48
119	Hexa	PCB-137	0.25	3.38e+05	1.26 y	44:18	-	1.41
120	Hexa	PCB-130	0.25	2.81e+05	1.09 y	44:25	-	1.17
121	Hexa	PCB-138/163/164	0.75	1.15e+06	1.25 y	44:48	-	1.49
122	Hexa	PCB-158/160	0.50	8.12e+05	1.12 y	45:02	-	1.57
123	Hexa	PCB-129	0.25	2.81e+05	1.28 y	45:16	-	1.09
124	Hexa	PCB-166	0.25	4.36e+05	1.12 y	45:44	-	1.41
125	Hexa	PCB-159	0.25	4.41e+05	1.10 y	46:03	-	1.43
126	Hexa	PCB-128/162	0.50	7.62e+05	1.29 y	46:21	-	1.23
127	Hexa	PCB-167	0.25	4.79e+05	1.31 y	46:44	-	1.55
128	Hexa	PCB-156	0.25	4.34e+05	1.20 y	48:01	-	1.43
129	Hexa	PCB-157	0.25	4.50e+05	1.27 y	48:17	-	1.49
130	Hexa	PCB-169	0.25	3.86e+05	1.21 y	50:29	-	1.31
131	Hepta	PCB-188	0.25	3.78e+05	1.18 y	42:49	-	1.75
132	Hepta	PCB-184	0.25	3.25e+05	1.16 y	43:16	-	1.50
133	Hepta	PCB-179	0.25	3.49e+05	0.98 y	44:03	-	1.61
134	Hepta	PCB-176	0.25	3.66e+05	1.07 y	44:31	-	1.69
135	Hepta	PCB-186	0.25	3.39e+05	1.01 y	45:08	-	1.57
136	Hepta	PCB-178	0.25	2.72e+05	1.08 y	45:37	-	1.26
137	Hepta	PCB-175	0.25	2.86e+05	0.95 y	45:57	-	1.32
138	Hepta	PCB-182/187	0.50	5.92e+05	1.12 y	46:08	-	1.37
139	Hepta	PCB-183	0.25	3.13e+05	1.03 y	46:26	-	1.45
140	Hepta	PCB-185	0.25	2.78e+05	0.99 y	47:06	-	1.88
141	Hepta	PCB-174	0.25	2.39e+05	1.20 y	47:29	-	1.61
142	Hepta	PCB-181	0.25	2.28e+05	1.14 y	47:35	-	1.54
143	Hepta	PCB-177	0.25	2.34e+05	0.95 y	47:44	-	1.58
144	Hepta	PCB-171	0.25	2.58e+05	0.90 y	48:01	-	1.74
145	Hepta	PCB-173	0.25	2.43e+05	1.02 y	48:27	-	1.64
146	Hepta	PCB-172	0.25	2.53e+05	0.95 y	48:54	-	1.71
147	Hepta	PCB-192	0.25	3.55e+05	0.96 y	49:06	-	2.40
148	Hepta	PCB-180	0.25	2.73e+05	1.05 y	49:19	-	1.84
149	Hepta	PCB-193	0.25	3.48e+05	0.94 y	49:31	-	2.35
150	Hepta	PCB-191	0.25	3.27e+05	1.11 y	49:46	-	2.21
151	Hepta	PCB-170	0.25	2.49e+05	1.11 y	50:55	-	2.01
152	Hepta	PCB-190	0.25	3.39e+05	1.20 y	51:05	-	2.74
153	Hepta	PCB-189	0.25	3.29e+05	1.15 y	52:31	-	1.95
154	Octa	PCB-202	0.25	2.40e+05	0.76 y	48:14	-	1.32
155	Octa	PCB-201	0.25	2.43e+05	0.89 y	48:44	-	1.33
156	Octa	PCB-204	0.25	2.51e+05	0.87 y	48:52	-	1.38
157	Octa	PCB-197	0.25	2.68e+05	0.82 y	49:11	-	1.47
158	Octa	PCB-200	0.25	2.52e+05	0.76 y	50:05	-	1.38
159	Octa	PCB-198	0.25	1.92e+05	0.81 y	51:33	-	1.05
160	Octa	PCB-199	0.25	1.69e+05	1.02 y	51:40	-	0.93
161	Octa	PCB-196/203	0.50	3.81e+05	0.86 y	51:57	-	1.04
162	Octa	PCB-195	0.25	2.11e+05	1.01 y	53:11	-	1.22

163	Octa	PCB-194	0.25	2.61e+05	0.98	y	54:05	-	1.50
164	Octa	PCB-205	0.25	3.06e+05	0.89	y	54:21	-	1.76
165	Nona	PCB-208	0.25	2.95e+05	1.50	y	53:20	-	1.18
166	Nona	PCB-207	0.25	2.83e+05	1.15	y	53:40	-	1.13
167	Nona	PCB-206	0.25	1.78e+05	1.36	y	55:39	-	1.00
168	Deca	PCB-209	0.25	2.73e+05	1.00	y	56:58	-	1.66
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.23
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.30

171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.35
172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.34
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.25
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.49
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.47
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.18
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.31
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.67
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.22
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.49
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.12
182	Tot ╗	Total Deca-PCB	0.25	2.73e+05	1.00	y	56:58	-	1.66
183	Mono╗	13C-PCB-1	100.00	2.27e+08	3.23	y	16:01	-	1.25
184	Mono╗	13C-PCB-3	100.00	2.27e+08	3.20	y	18:39	-	1.25
185	Di-IS	13C-PCB-4	100.00	1.22e+08	1.58	y	19:59	-	0.67
186	Di-IS	13C-PCB-9	100.00	1.78e+08	1.56	y	21:47	-	0.98
187	Di-IS	13C-PCB-11	100.00	1.75e+08	1.57	y	25:11	-	0.96
188	Tri-╗	13C-PCB-19	100.00	1.17e+08	1.06	y	24:09	-	0.64
189	Tri-╗	13C-PCB-32	100.00	1.64e+08	1.08	y	27:05	-	0.90
190	Tri-╗	13C-PCB-28	100.00	1.62e+08	1.06	y	29:03	-	1.01
191	Tri-╗	13C-PCB-37	100.00	1.51e+08	1.04	y	32:55	-	0.95
192	Tetr╗	13C-PCB-54	100.00	1.62e+08	0.80	y	27:55	-	1.04
193	Tetr╗	13C-PCB-52	100.00	1.24e+08	0.78	y	31:28	-	0.80
194	Tetr╗	13C-PCB-47	100.00	1.33e+08	0.80	y	31:58	-	0.86
195	Tetr╗	13C-PCB-70	100.00	1.57e+08	0.80	y	35:29	-	1.01
196	Tetr╗	13C-PCB-80	100.00	1.57e+08	0.80	y	35:55	-	1.01
197	Tetr╗	13C-PCB-81	100.00	1.54e+08	0.80	y	38:60	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.47e+08	0.80	y	39:36	-	0.94
199	Pent╗	13C-PCB-104	100.00	1.00e+08	1.61	y	32:37	-	1.06
200	Pent╗	13C-PCB-95	100.00	7.76e+07	1.58	y	35:47	-	0.83
201	Pent╗	13C-PCB-101	100.00	7.56e+07	1.59	y	37:28	-	0.80
202	Pent╗	13C-PCB-97	100.00	6.75e+07	1.62	y	38:46	-	0.72
203	Pent╗	13C-PCB-123	100.00	8.98e+07	1.59	y	41:20	-	0.96
204	Pent╗	13C-PCB-118	100.00	9.24e+07	1.61	y	41:30	-	0.98
205	Pent╗	13C-PCB-114	100.00	1.03e+08	1.60	y	42:09	-	1.15
206	Pent╗	13C-PCB-105	100.00	1.02e+08	1.57	y	43:01	-	1.14
207	Pent╗	13C-PCB-127	100.00	1.12e+08	1.59	y	43:21	-	1.25
208	Pent╗	13C-PCB-126	100.00	1.01e+08	1.59	y	45:15	-	1.13
209	Hexa╗	13C-PCB-155	100.00	6.94e+07	1.29	y	37:00	-	0.74
210	Hexa╗	13C-PCB-153	100.00	1.17e+08	1.25	y	43:11	-	1.31
211	Hexa╗	13C-PCB-141	100.00	9.59e+07	1.28	y	43:55	-	1.07
212	Hexa	13C-PCB-138	100.00	1.03e+08	1.27	y	44:45	-	1.15
213	Hexa╗	13C-PCB-159	100.00	1.23e+08	1.28	y	46:02	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.23e+08	1.29	y	46:43	-	1.38
215	Hexa╗	13C-PCB-156	100.00	1.21e+08	1.28	y	48:00	-	1.35
216	Hexa╗	13C-PCB-157	100.00	1.21e+08	1.27	y	48:16	-	1.35
217	Hexa╗	13C-PCB-169	100.00	1.18e+08	1.27	y	50:29	-	1.31
218	Hept╗	13C-PCB-188	100.00	8.65e+07	0.45	y	42:49	-	1.43
219	Hept╗	13C-PCB-180	100.00	5.92e+07	0.46	y	49:18	-	0.98
220	Hept╗	13C-PCB-170	100.00	4.96e+07	0.47	y	50:54	-	0.82
221	Hept╗	13C-PCB-189	100.00	6.76e+07	0.45	y	52:31	-	1.11

222	Octa╗	13C-PCB-202	100.00	7.29e+07	0.91 y	48:13	-	1.20
223	Octa╗	13C-PCB-194	100.00	6.95e+07	0.92 y	54:05	-	0.76
224	Nona╗	13C-PCB-208	100.00	9.98e+07	0.77 y	53:20	-	1.09
225	Nona╗	13C-PCB-206	100.00	7.10e+07	0.78 y	55:38	-	0.78
226	Deca╗	13C-PCB-209	100.00	6.59e+07	1.18 y	56:58	-	0.72
227	DI-RS	13C-PCB-15	100.00	1.82e+08	1.57 y	25:53	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.59e+08	1.07 y	28:56	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.55e+08	0.80 y	36:43	-	1.00
230	Penta	13C-PCB-111	100.00	9.39e+07	1.61 y	39:12	-	1.00
231	Hexa╗	13C-PCB-128	100.00	8.98e+07	1.25 y	46:18	-	1.00

232	Hept¶	13C-PCB-182	100.00	6.07e+07	0.47 y	46:08	-	1.00
233	Octa¶	13C-PCB-205	100.00	9.12e+07	0.92 y	54:21	-	1 00
234	CRS	13C-PCB-79	100.00	1.57e+08	0.79 y	37:47	-	1.01
235	CRS	13C-PCB-178	100.00	5.59e+07	0.47 y	45:36	-	0.92
236	PS	13C-PCB-79	100.00	1.57e+08	0.79 y	37:47	-	1.02
237	PS	13C-PCB-178	100.00	5.59e+07	0.47 y	45:36	-	0.94

Filename: 171027E1 S: 2 Acquired: 27-OCT-17 11:32:43
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-2 PCB CS1 17C0309

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1.00	2.82e+06	3.20 y	16:04	-	1.21
2	Mono	PCB-2	1.00	2.56e+06	3.06 y	18:27	-	1.11
3	Mono	PCB-3	1.00	2.66e+06	3.07 y	18:41	-	1.16
4	Di	PCB-4/10	2.00	3.68e+06	1.52 y	20:04	-	1.50
5	Di	PCB-7/9	2.00	4.14e+06	1.53 y	21:51	-	1.15
6	Di	PCB-6	1.00	1.98e+06	1.57 y	22:30	-	1.10
7	Di	PCB-5/8	2.00	4.28e+06	1.60 y	22:55	-	1.19
8	Di	PCB-14	1.00	2.47e+06	1.57 y	24:01	-	1.43
9	Di	PCB-11	1.00	2.05e+06	1.56 y	25:13	-	1.19
10	Di	PCB-12/13	2.00	4.11e+06	1.56 y	25:36	-	1.19
11	Di	PCB-15	1.00	2.33e+06	1.54 y	25:55	-	1.35
12	Tri	PCB-19	1.00	1.55e+06	1.07 y	24:12	-	1.30
13	Tri	PCB-30	1.00	2.41e+06	1.01 y	25:06	-	2.02
14	Tri	PCB-18	1.00	1.66e+06	1.13 y	25:51	-	1.01
15	Tri	PCB-17	1.00	1.81e+06	1.10 y	26:01	-	1.10
16	Tri	PCB-24/27	2.00	4.66e+06	1.03 y	26:36	-	1.42
17	Tri	PCB-16/32	2.00	3.82e+06	1.08 y	27:07	-	1.17
18	Tri	PCB-34	1.00	1.99e+06	0.99 y	27:54	-	1.27
19	Tri	PCB-23	1.00	2.03e+06	1.15 y	28:00	-	1.30
20	Tri	PCB-29	1.00	2.03e+06	1.09 y	28:14	-	1.29
21	Tri	PCB-26	1.00	1.98e+06	1.10 y	28:28	-	1.26
22	Tri	PCB-25	1.00	1.90e+06	1.00 y	28:37	-	1.21
23	Tri	PCB-31	1.00	2.07e+06	1.02 y	28:59	-	1.32
24	Tri	PCB-28	1.00	2.03e+06	1.07 y	29:04	-	1.29
25	Tri	PCB-20/21/33	3.00	5.68e+06	1.06 y	29:42	-	1.20
26	Tri	PCB-22	1.00	1.97e+06	1.04 y	30:08	-	1.25
27	Tri	PCB-36	1.00	1.99e+06	1.04 y	30:46	-	1.33
28	Tri	PCB-39	1.00	2.17e+06	1.04 y	31:14	-	1.44
29	Tri	PCB-38	1.00	1.88e+06	1.07 y	31:59	-	1.26
30	Tri	PCB-35	1.00	1.86e+06	1.09 y	32:31	-	1.24
31	Tri	PCB-37	1.00	2.08e+06	1.04 y	32:57	-	1.39
32	Tetra	PCB-54	1.00	1.85e+06	0.76 y	27:57	-	1.15
33	Tetra	PCB-50	1.00	1.45e+06	0.78 y	29:08	-	0.90
34	Tetra	PCB-53	1.00	1.59e+06	0.78 y	29:46	-	1.28
35	Tetra	PCB-51	1.00	1.52e+06	0.76 y	30:07	-	1.22
36	Tetra	PCB-45	1.00	1.24e+06	0.73 y	30:33	-	1.00
37	Tetra	PCB-46	1.00	1.32e+06	0.84 y	31:03	-	1.06
38	Tetra	PCB-52/69	2.00	3.47e+06	0.77 y	31:31	-	1.40
39	Tetra	PCB-73	1.00	1.79e+06	0.80 y	31:39	-	1.45
40	Tetra	PCB-43/49	2.00	2.93e+06	0.76 y	31:48	-	1.18
41	Tetra	PCB-47	1.00	1.45e+06	0.73 y	32:00	-	1.07

42	Tetra	PCB-48/75	2.00	3.89e+06	0.77	y	32:07	-	1.44
43	Tetra	PCB-65	1.00	1.90e+06	0.74	y	32:23	-	1.41
44	Tetra	PCB-62	1.00	1.75e+06	0.81	y	32:30	-	1.30
45	Tetra	PCB-44	1.00	1.38e+06	0.84	y	32:48	-	1.02
46	Tetra	PCB-42/59	2.00	3.34e+06	0.81	y	33:02	-	1.24
47	Tetra	PCB-41/64/71/72	4.00	7.16e+06	0.78	y	33:37	-	1.33
48	Tetra	PCB-68	1.00	2.05e+06	0.82	y	33:53	-	1.52
49	Tetra	PCB-40	1.00	1.19e+06	0.86	y	34:05	-	0.88
50	Tetra	PCB-57	1.00	1.97e+06	0.74	y	34:27	-	1.26
51	Tetra	PCB-67	1.00	1.82e+06	0.81	y	34:45	-	1.16
52	Tetra	PCB-58	1.00	1.99e+06	0.81	y	34:52	-	1.27

53	Tetra	PCB-63	1.00	2.10e+06	0.74 y	35:01	-	1.35
54	Tetra	PCB-74	1.00	2.03e+06	0.75 y	35:18	-	1.30
55	Tetra	PCB-61/70	2.00	3.79e+06	0.78 y	35:29	-	1.21
56	Tetra	PCB-76/66	2.00	3.94e+06	0.73 y	35:42	-	1.26
57	Tetra	PCB-80	1.00	2.24e+06	0.83 y	35:57	-	1.44
58	Tetra	PCB-55	1.00	2.06e+06	0.79 y	36:15	-	1.33
59	Tetra	PCB-56/60	2.00	3.77e+06	0.77 y	36:45	-	1.21
60	Tetra	PCB-79	1.00	2.02e+06	0.79 y	37:49	-	1.30
61	Tetra	PCB-78	1.00	1.85e+06	0.78 y	38:30	-	1.20
62	Tetra	PCB-81	1.00	2.04e+06	0.83 y	39:02	-	1.33
63	Tetra	PCB-77	1.00	2.11e+06	0.78 y	39:38	-	1.46
64	Penta	PCB-104	1.00	1.47e+06	1.53 y	32:39	-	1.42
65	Penta	PCB-96	1.00	1.19e+06	1.61 y	33:54	-	1.15
66	Penta	PCB-103	1.00	1.16e+06	1.57 y	34:27	-	1.12
67	Penta	PCB-100	1.00	1.14e+06	1.49 y	34:49	-	1.11
68	Penta	PCB-94	1.00	9.38e+05	1.42 y	35:17	-	1.20
69	Penta	PCB-95/98/102	3.00	3.17e+06	1.60 y	35:46	-	1.35
70	Penta	PCB-93	1.00	8.49e+05	1.76 y	35:54	-	1.08
71	Penta	PCB-88/91	2.00	2.08e+06	1.51 y	36:12	-	1.33
72	Penta	PCB-121	1.00	1.43e+06	1.63 y	36:19	-	1.83
73	Penta	PCB-84/92	2.00	1.92e+06	1.48 y	37:07	-	1.27
74	Penta	PCB-89	1.00	9.81e+05	1.49 y	37:19	-	1.30
75	Penta	PCB-90/101	2.00	2.14e+06	1.59 y	37:29	-	1.42
76	Penta	PCB-113	1.00	1.20e+06	1.51 y	37:44	-	1.59
77	Penta	PCB-99	1.00	1.15e+06	1.55 y	37:49	-	1.52
78	Penta	PCB-119	1.00	1.53e+06	1.69 y	38:17	-	2.34
79	Penta	PCB-108/112	2.00	2.25e+06	1.53 y	38:27	-	1.72
80	Penta	PCB-83	1.00	1.26e+06	1.77 y	38:36	-	1.93
81	Penta	PCB-97	1.00	1.04e+06	1.70 y	38:49	-	1.60
82	Penta	PCB-86	1.00	8.74e+05	1.62 y	38:56	-	1.34
83	Penta	PCB-87/117/125	3.00	3.57e+06	1.50 y	39:04	-	1.82
84	Penta	PCB-111/115	2.00	2.81e+06	1.45 y	39:14	-	2.15
85	Penta	PCB-85/116	2.00	2.18e+06	1.63 y	39:21	-	1.67
86	Penta	PCB-120	1.00	1.52e+06	1.75 y	39:36	-	2.32
87	Penta	PCB-110	1.00	1.29e+06	1.60 y	39:44	-	1.98
88	Penta	PCB-82	1.00	8.37e+05	1.55 y	40:22	-	0.93
89	Penta	PCB-124	1.00	1.42e+06	1.65 y	41:03	-	1.58
90	Penta	PCB-107/109	2.00	2.54e+06	1.51 y	41:12	-	1.41
91	Penta	PCB-123	1.00	1.36e+06	1.71 y	41:22	-	1.51
92	Penta	PCB-106/118	2.00	2.75e+06	1.55 y	41:33	-	1.53
93	Penta	PCB-114	1.00	1.47e+06	1.63 y	42:11	-	1.43
94	Penta	PCB-122	1.00	1.37e+06	1.63 y	42:19	-	1.33
95	Penta	PCB-105	1.00	1.51e+06	1.64 y	43:03	-	1.49
96	Penta	PCB-127	1.00	1.34e+06	1.62 y	43:23	-	1.23
97	Penta	PCB-126	1.00	1.44e+06	1.59 y	45:16	-	1.42
98	Hexa	PCB-155	1.00	1.06e+06	1.21 y	37:03	-	1.51
99	Hexa	PCB-150	1.00	9.77e+05	1.10 y	38:19	-	1.39
100	Hexa	PCB-152	1.00	9.64e+05	1.32 y	38:47	-	1.38
101	Hexa	PCB-145	1.00	9.54e+05	1.38 y	39:14	-	1.36
102	Hexa	PCB-136	1.00	1.01e+06	1.39 y	39:33	-	1.45

103	Hexa	PCB-148	1.00	6.81e+05	1.08	y	39:40	-	0.97
104	Hexa	PCB-154	1.00	7.78e+05	1.17	y	40:09	-	1.11
105	Hexa	PCB-151	1.00	6.98e+05	1.19	y	40:48	-	1.00
106	Hexa	PCB-135	1.00	7.25e+05	1.21	y	41:00	-	1.03
107	Hexa	PCB-144	1.00	6.67e+05	1.23	y	41:07	-	0.95
108	Hexa	PCB-147	1.00	6.66e+05	1.31	y	41:14	-	0.95
109	Hexa	PCB-139/149	2.00	1.48e+06	1.38	y	41:31	-	1.06
110	Hexa	PCB-140	1.00	6.61e+05	1.37	y	41:41	-	0.94
111	Hexa	PCB-134/143	2.00	2.28e+06	1.22	y	42:07	-	1.01
112	Hexa	PCB-131/133	2.00	2.17e+06	1.18	y	42:25	-	0.97
113	Hexa	PCB-142	1.00	1.11e+06	1.22	y	42:34	-	0.99

114	Hexa	PCB-146/165	2.00	2.71e+06	1.31 y	42:48	-	1.21
115	Hexa	PCB-132/161	2.00	2.65e+06	1.31 y	43:03	-	1.18
116	Hexa	PCB-153	1.00	1.37e+06	1.36 y	43:12	-	1.22
117	Hexa	PCB-168	1.00	1.65e+06	1.27 y	43:25	-	1.47
118	Hexa	PCB-141	1.00	1.20e+06	1.22 y	43:57	-	1.25
119	Hexa	PCB-137	1.00	1.30e+06	1.22 y	44:19	-	1.35
120	Hexa	PCB-130	1.00	9.89e+05	1.17 y	44:26	-	1.03
121	Hexa	PCB-138/163/164	3.00	4.27e+06	1.24 y	44:48	-	1.42
122	Hexa	PCB-158/160	2.00	3.09e+06	1.29 y	45:03	-	1.54
123	Hexa	PCB-129	1.00	1.09e+06	1.16 y	45:17	-	1.09
124	Hexa	PCB-166	1.00	1.61e+06	1.17 y	45:44	-	1.32
125	Hexa	PCB-159	1.00	1.71e+06	1.31 y	46:05	-	1.40
126	Hexa	PCB-128/162	2.00	2.69e+06	1.27 y	46:21	-	1.10
127	Hexa	PCB-167	1.00	1.69e+06	1.29 y	46:45	-	1.35
128	Hexa	PCB-156	1.00	1.69e+06	1.21 y	48:01	-	1.40
129	Hexa	PCB-157	1.00	1.77e+06	1.26 y	48:18	-	1.47
130	Hexa	PCB-169	1.00	1.54e+06	1.26 y	50:29	-	1.27
131	Hepta	PCB-188	1.00	1.42e+06	1.14 y	42:51	-	1.66
132	Hepta	PCB-184	1.00	1.35e+06	1.15 y	43:18	-	1.57
133	Hepta	PCB-179	1.00	1.36e+06	1.13 y	44:04	-	1.58
134	Hepta	PCB-176	1.00	1.47e+06	1.02 y	44:32	-	1.72
135	Hepta	PCB-186	1.00	1.42e+06	1.17 y	45:09	-	1.66
136	Hepta	PCB-178	1.00	1.02e+06	1.14 y	45:38	-	1.19
137	Hepta	PCB-175	1.00	1.07e+06	1.11 y	45:59	-	1.25
138	Hepta	PCB-182/187	2.00	2.22e+06	1.07 y	46:09	-	1.30
139	Hepta	PCB-183	1.00	1.25e+06	0.96 y	46:28	-	1.45
140	Hepta	PCB-185	1.00	1.01e+06	1.09 y	47:08	-	1.70
141	Hepta	PCB-174	1.00	9.89e+05	0.99 y	47:29	-	1.66
142	Hepta	PCB-181	1.00	1.01e+06	1.04 y	47:36	-	1.70
143	Hepta	PCB-177	1.00	9.15e+05	0.98 y	47:45	-	1.54
144	Hepta	PCB-171	1.00	1.08e+06	1.11 y	48:03	-	1.82
145	Hepta	PCB-173	1.00	8.55e+05	1.01 y	48:28	-	1.44
146	Hepta	PCB-172	1.00	9.77e+05	1.04 y	48:56	-	1.64
147	Hepta	PCB-192	1.00	1.29e+06	0.98 y	49:07	-	2.18
148	Hepta	PCB-180	1.00	1.07e+06	1.07 y	49:20	-	1.80
149	Hepta	PCB-193	1.00	1.33e+06	1.00 y	49:32	-	2.24
150	Hepta	PCB-191	1.00	1.45e+06	1.13 y	49:47	-	2.43
151	Hepta	PCB-170	1.00	1.02e+06	0.92 y	50:55	-	1.96
152	Hepta	PCB-190	1.00	1.35e+06	1.04 y	51:06	-	2.60
153	Hepta	PCB-189	1.00	1.29e+06	0.91 y	52:32	-	1.95
154	Octa	PCB-202	1.00	9.05e+05	0.92 y	48:15	-	1.21
155	Octa	PCB-201	1.00	9.95e+05	0.96 y	48:44	-	1.33
156	Octa	PCB-204	1.00	9.68e+05	0.86 y	48:52	-	1.29
157	Octa	PCB-197	1.00	1.07e+06	0.79 y	49:11	-	1.43
158	Octa	PCB-200	1.00	9.26e+05	1.01 y	50:05	-	1.24
159	Octa	PCB-198	1.00	7.02e+05	1.00 y	51:33	-	0.94
160	Octa	PCB-199	1.00	6.36e+05	1.02 y	51:40	-	0.85
161	Octa	PCB-196/203	2.00	1.44e+06	0.86 y	51:57	-	0.96
162	Octa	PCB-195	1.00	7.85e+05	0.92 y	53:12	-	1.17
163	Octa	PCB-194	1.00	8.36e+05	0.89 y	54:06	-	1.24

164	Octa	PCB-205	1.00	1.14e+06	0.93	y	54:22	-	1.70
165	Nona	PCB-208	1.00	1.09e+06	1.34	y	53:21	-	1.15
166	Nona	PCB-207	1.00	1.11e+06	1.35	y	53:41	-	1.16
167	Nona	PCB-206	1.00	7.00e+05	1.25	y	55:40	-	1.00
168	Deca	PCB-209	1.00	9.90e+05	1.26	y	56:59	-	1.52
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.16
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.23
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.34

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.28
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.23
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.42
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.38
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.15
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.24
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.64
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.13
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.37
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.11
182	Tot ╗	Total Deca-PCB	1.00	9.90e+05	1.26	y	56:59	-	1.52
183	Mono╗	13C-PCB-1	100.00	2.33e+08	3.23	y	16:03	-	1.29
184	Mono╗	13C-PCB-3	100.00	2.30e+08	3.19	y	18:40	-	1.28
185	Di-IS	13C-PCB-4	100.00	1.23e+08	1.58	y	20:01	-	0.68
186	Di-IS	13C-PCB-9	100.00	1.80e+08	1.58	y	21:49	-	1.00
187	Di-IS	13C-PCB-11	100.00	1.73e+08	1.56	y	25:12	-	0.96
188	Tri-╗	13C-PCB-19	100.00	1.19e+08	1.07	y	24:11	-	0.66
189	Tri-╗	13C-PCB-32	100.00	1.64e+08	1.07	y	27:06	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.57e+08	1.05	y	29:04	-	1.01
191	Tri-╗	13C-PCB-37	100.00	1.50e+08	1.05	y	32:56	-	0.96
192	Tetr╗	13C-PCB-54	100.00	1.61e+08	0.80	y	27:56	-	1.04
193	Tetr╗	13C-PCB-52	100.00	1.24e+08	0.80	y	31:29	-	0.80
194	Tetr╗	13C-PCB-47	100.00	1.35e+08	0.79	y	31:59	-	0.87
195	Tetr╗	13C-PCB-70	100.00	1.56e+08	0.81	y	35:30	-	1.00
196	Tetr╗	13C-PCB-80	100.00	1.56e+08	0.80	y	35:56	-	1.00
197	Tetr╗	13C-PCB-81	100.00	1.54e+08	0.79	y	39:01	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.44e+08	0.80	y	39:36	-	0.93
199	Pent╗	13C-PCB-104	100.00	1.03e+08	1.60	y	32:38	-	1.10
200	Pent╗	13C-PCB-95	100.00	7.84e+07	1.62	y	35:48	-	0.84
201	Pent╗	13C-PCB-101	100.00	7.57e+07	1.63	y	37:29	-	0.81
202	Pent╗	13C-PCB-97	100.00	6.53e+07	1.60	y	38:47	-	0.70
203	Pent╗	13C-PCB-123	100.00	8.98e+07	1.60	y	41:21	-	0.96
204	Pent╗	13C-PCB-118	100.00	9.02e+07	1.63	y	41:31	-	0.96
205	Pent╗	13C-PCB-114	100.00	1.02e+08	1.59	y	42:11	-	1.16
206	Pent╗	13C-PCB-105	100.00	1.01e+08	1.57	y	43:02	-	1.15
207	Pent╗	13C-PCB-127	100.00	1.09e+08	1.58	y	43:23	-	1.24
208	Pent╗	13C-PCB-126	100.00	1.02e+08	1.60	y	45:16	-	1.15
209	Hexa╗	13C-PCB-155	100.00	7.01e+07	1.29	y	37:02	-	0.75
210	Hexa╗	13C-PCB-153	100.00	1.12e+08	1.24	y	43:12	-	1.27
211	Hexa╗	13C-PCB-141	100.00	9.63e+07	1.24	y	43:56	-	1.09
212	Hexa	13C-PCB-138	100.00	1.00e+08	1.26	y	44:46	-	1.14
213	Hexa╗	13C-PCB-159	100.00	1.22e+08	1.25	y	46:03	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.25e+08	1.28	y	46:44	-	1.42
215	Hexa╗	13C-PCB-156	100.00	1.21e+08	1.26	y	48:01	-	1.37
216	Hexa╗	13C-PCB-157	100.00	1.21e+08	1.29	y	48:17	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.22e+08	1.26	y	50:29	-	1.38
218	Hept╗	13C-PCB-188	100.00	8.57e+07	0.46	y	42:50	-	1.40
219	Hept╗	13C-PCB-180	100.00	5.95e+07	0.48	y	49:18	-	0.97
220	Hept╗	13C-PCB-170	100.00	5.20e+07	0.47	y	50:54	-	0.85
221	Hept╗	13C-PCB-189	100.00	6.64e+07	0.47	y	52:31	-	1.09
222	Octa╗	13C-PCB-202	100.00	7.49e+07	0.93	y	48:14	-	1.23

223	Octa╗	13C-PCB-194	100.00	6.72e+07	0.90	y	54:05	-	0.76
224	Nona╗	13C-PCB-208	100.00	9.54e+07	0.77	y	53:20	-	1.08
225	Nona╗	13C-PCB-206	100.00	6.97e+07	0.77	y	55:39	-	0.79
226	Deca╗	13C-PCB-209	100.00	6.52e+07	1.22	y	56:58	-	0.74
227	DI-RS	13C-PCB-15	100.00	1.80e+08	1.58	y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.56e+08	1.05	y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.56e+08	0.80	y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	9.38e+07	1.60	y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	8.81e+07	1.28	y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	6.11e+07	0.47	y	46:09	-	1.00

233	Octa¶	13C-PCB-205	100.00	8.80e+07	0.91 y	54:21	-	1.00
234	CRS	13C-PCB-79	100.00	1.57e+08	0.80 y	37:48	-	1.01
235	CRS	13C-PCB-178	100.00	5.57e+07	0.47 y	45:37	-	0.91
236	PS	13C-PCB-79	100.00	1.57e+08	0.80 y	37:48	-	1.02
237	PS	13C-PCB-178	100.00	5.57e+07	0.47 y	45:37	-	0.94

Filename: 171027E1 S: 3 Acquired: 27-OCT-17 12:37:50
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-3 PCB CS2 17C0310

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	2.50	6.25e+06	3.06 y	16:03	-	1.18
2	Mono	PCB-2	2.50	6.43e+06	3.00 y	18:27	-	1.11
3	Mono	PCB-3	2.50	6.68e+06	3.12 y	18:41	-	1.15
4	Di	PCB-4/10	5.00	8.58e+06	1.52 y	20:04	-	1.46
5	Di	PCB-7/9	5.00	1.03e+07	1.54 y	21:51	-	1.18
6	Di	PCB-6	2.50	4.75e+06	1.53 y	22:30	-	1.09
7	Di	PCB-5/8	5.00	1.01e+07	1.60 y	22:55	-	1.16
8	Di	PCB-14	2.50	5.88e+06	1.57 y	24:01	-	1.45
9	Di	PCB-11	2.50	4.94e+06	1.53 y	25:13	-	1.21
10	Di	PCB-12/13	5.00	9.55e+06	1.56 y	25:37	-	1.17
11	Di	PCB-15	2.50	5.36e+06	1.55 y	25:55	-	1.32
12	Tri	PCB-19	2.50	3.60e+06	1.05 y	24:12	-	1.30
13	Tri	PCB-30	2.50	5.61e+06	1.04 y	25:06	-	2.02
14	Tri	PCB-18	2.50	3.84e+06	1.02 y	25:51	-	0.99
15	Tri	PCB-17	2.50	4.19e+06	1.01 y	26:01	-	1.08
16	Tri	PCB-24/27	5.00	1.08e+07	1.05 y	26:36	-	1.39
17	Tri	PCB-16/32	5.00	8.93e+06	1.06 y	27:06	-	1.15
18	Tri	PCB-34	2.50	4.69e+06	1.05 y	27:54	-	1.31
19	Tri	PCB-23	2.50	4.56e+06	1.06 y	28:00	-	1.27
20	Tri	PCB-29	2.50	4.85e+06	1.10 y	28:15	-	1.35
21	Tri	PCB-26	2.50	4.60e+06	1.02 y	28:27	-	1.28
22	Tri	PCB-25	2.50	4.32e+06	1.05 y	28:37	-	1.20
23	Tri	PCB-31	2.50	5.22e+06	1.08 y	28:59	-	1.46
24	Tri	PCB-28	2.50	4.61e+06	1.05 y	29:05	-	1.29
25	Tri	PCB-20/21/33	7.50	1.38e+07	1.07 y	29:41	-	1.28
26	Tri	PCB-22	2.50	4.53e+06	1.05 y	30:08	-	1.26
27	Tri	PCB-36	2.50	4.57e+06	1.08 y	30:45	-	1.27
28	Tri	PCB-39	2.50	4.97e+06	1.04 y	31:13	-	1.38
29	Tri	PCB-38	2.50	4.31e+06	1.07 y	32:00	-	1.20
30	Tri	PCB-35	2.50	4.33e+06	1.03 y	32:30	-	1.20
31	Tri	PCB-37	2.50	4.99e+06	1.09 y	32:57	-	1.39
32	Tetra	PCB-54	2.50	4.53e+06	0.78 y	27:58	-	1.20
33	Tetra	PCB-50	2.50	3.52e+06	0.76 y	29:08	-	0.93
34	Tetra	PCB-53	2.50	3.51e+06	0.79 y	29:47	-	1.18
35	Tetra	PCB-51	2.50	3.74e+06	0.79 y	30:07	-	1.25
36	Tetra	PCB-45	2.50	3.13e+06	0.82 y	30:33	-	1.05
37	Tetra	PCB-46	2.50	3.04e+06	0.77 y	31:02	-	1.02
38	Tetra	PCB-52/69	5.00	7.94e+06	0.81 y	31:31	-	1.33
39	Tetra	PCB-73	2.50	4.40e+06	0.71 y	31:38	-	1.48
40	Tetra	PCB-43/49	5.00	6.95e+06	0.80 y	31:48	-	1.17
41	Tetra	PCB-47	2.50	3.71e+06	0.75 y	32:00	-	1.15

42	Tetra	PCB-48/75	5.00	8.46e+06	0.78 y	32:07	-	1.31
43	Tetra	PCB-65	2.50	3.95e+06	0.75 y	32:22	-	1.22
44	Tetra	PCB-62	2.50	4.32e+06	0.78 y	32:29	-	1.34
45	Tetra	PCB-44	2.50	3.07e+06	0.76 y	32:47	-	0.95
46	Tetra	PCB-42/59	5.00	8.27e+06	0.73 y	33:01	-	1.28
47	Tetra	PCB-41/64/71/72	10.00	1.69e+07	0.77 y	33:37	-	1.31
48	Tetra	PCB-68	2.50	4.90e+06	0.83 y	33:52	-	1.52
49	Tetra	PCB-40	2.50	2.75e+06	0.80 y	34:05	-	0.85
50	Tetra	PCB-57	2.50	4.50e+06	0.74 y	34:27	-	1.20
51	Tetra	PCB-67	2.50	4.79e+06	0.71 y	34:45	-	1.28
52	Tetra	PCB-58	2.50	4.70e+06	0.75 y	34:52	-	1.26

53	Tetra	PCB-63	2.50	4.73e+06	0.76 y	35:02	-	1.27
54	Tetra	PCB-74	2.50	4.69e+06	0.82 y	35:19	-	1.25
55	Tetra	PCB-61/70	5.00	9.04e+06	0.76 y	35:29	-	1.21
56	Tetra	PCB-76/66	5.00	9.21e+06	0.76 y	35:42	-	1.23
57	Tetra	PCB-80	2.50	5.39e+06	0.77 y	35:57	-	1.42
58	Tetra	PCB-55	2.50	4.87e+06	0.82 y	36:15	-	1.29
59	Tetra	PCB-56/60	5.00	9.13e+06	0.73 y	36:45	-	1.21
60	Tetra	PCB-79	2.50	4.72e+06	0.81 y	37:49	-	1.25
61	Tetra	PCB-78	2.50	4.49e+06	0.78 y	38:31	-	1.21
62	Tetra	PCB-81	2.50	4.92e+06	0.77 y	39:02	-	1.32
63	Tetra	PCB-77	2.50	4.66e+06	0.78 y	39:38	-	1.29
64	Penta	PCB-104	2.50	3.50e+06	1.56 y	32:40	-	1.45
65	Penta	PCB-96	2.50	2.96e+06	1.63 y	33:55	-	1.23
66	Penta	PCB-103	2.50	2.72e+06	1.71 y	34:27	-	1.13
67	Penta	PCB-100	2.50	2.81e+06	1.67 y	34:48	-	1.16
68	Penta	PCB-94	2.50	2.29e+06	1.64 y	35:16	-	1.24
69	Penta	PCB-95/98/102	7.50	7.53e+06	1.59 y	35:46	-	1.36
70	Penta	PCB-93	2.50	2.35e+06	1.61 y	35:54	-	1.28
71	Penta	PCB-88/91	5.00	4.54e+06	1.59 y	36:11	-	1.23
72	Penta	PCB-121	2.50	3.48e+06	1.63 y	36:18	-	1.89
73	Penta	PCB-84/92	5.00	4.58e+06	1.63 y	37:08	-	1.25
74	Penta	PCB-89	2.50	2.35e+06	1.61 y	37:18	-	1.28
75	Penta	PCB-90/101	5.00	5.23e+06	1.64 y	37:29	-	1.42
76	Penta	PCB-113	2.50	3.09e+06	1.54 y	37:44	-	1.68
77	Penta	PCB-99	2.50	2.68e+06	1.58 y	37:50	-	1.46
78	Penta	PCB-119	2.50	3.53e+06	1.57 y	38:17	-	2.20
79	Penta	PCB-108/112	5.00	5.31e+06	1.61 y	38:26	-	1.66
80	Penta	PCB-83	2.50	3.28e+06	1.63 y	38:36	-	2.05
81	Penta	PCB-97	2.50	2.48e+06	1.72 y	38:48	-	1.55
82	Penta	PCB-86	2.50	1.85e+06	1.56 y	38:56	-	1.15
83	Penta	PCB-87/117/125	7.50	8.95e+06	1.61 y	39:04	-	1.86
84	Penta	PCB-111/115	5.00	7.17e+06	1.61 y	39:14	-	2.24
85	Penta	PCB-85/116	5.00	4.76e+06	1.57 y	39:21	-	1.49
86	Penta	PCB-120	2.50	3.71e+06	1.62 y	39:35	-	2.32
87	Penta	PCB-110	2.50	3.16e+06	1.61 y	39:45	-	1.97
88	Penta	PCB-82	2.50	2.04e+06	1.48 y	40:21	-	0.91
89	Penta	PCB-124	2.50	3.31e+06	1.66 y	41:02	-	1.48
90	Penta	PCB-107/109	5.00	6.56e+06	1.58 y	41:11	-	1.47
91	Penta	PCB-123	2.50	3.44e+06	1.77 y	41:21	-	1.54
92	Penta	PCB-106/118	5.00	6.93e+06	1.59 y	41:34	-	1.54
93	Penta	PCB-114	2.50	3.69e+06	1.63 y	42:11	-	1.46
94	Penta	PCB-122	2.50	3.20e+06	1.64 y	42:19	-	1.26
95	Penta	PCB-105	2.50	3.75e+06	1.60 y	43:02	-	1.50
96	Penta	PCB-127	2.50	3.39e+06	1.63 y	43:23	-	1.24
97	Penta	PCB-126	2.50	3.42e+06	1.52 y	45:16	-	1.38
98	Hexa	PCB-155	2.50	2.58e+06	1.34 y	37:03	-	1.45
99	Hexa	PCB-150	2.50	2.41e+06	1.38 y	38:18	-	1.36
100	Hexa	PCB-152	2.50	2.36e+06	1.35 y	38:47	-	1.33
101	Hexa	PCB-145	2.50	2.21e+06	1.21 y	39:14	-	1.24
102	Hexa	PCB-136	2.50	2.32e+06	1.37 y	39:33	-	1.30

103	Hexa	PCB-148	2.50	1.64e+06	1.36	y	39:40	-	0.92
104	Hexa	PCB-154	2.50	1.91e+06	1.35	y	40:09	-	1.07
105	Hexa	PCB-151	2.50	1.75e+06	1.28	y	40:47	-	0.99
106	Hexa	PCB-135	2.50	1.76e+06	1.29	y	41:00	-	0.99
107	Hexa	PCB-144	2.50	1.75e+06	1.10	y	41:07	-	0.98
108	Hexa	PCB-147	2.50	1.60e+06	1.26	y	41:14	-	0.90
109	Hexa	PCB-139/149	5.00	3.78e+06	1.30	y	41:30	-	1.06
110	Hexa	PCB-140	2.50	1.79e+06	1.37	y	41:41	-	1.00
111	Hexa	PCB-134/143	5.00	5.39e+06	1.20	y	42:07	-	0.94
112	Hexa	PCB-131/133	5.00	5.29e+06	1.22	y	42:25	-	0.92
113	Hexa	PCB-142	2.50	2.59e+06	1.24	y	42:33	-	0.91

114	Hexa	PCB-146/165	5.00	6.52e+06	1.23 y	42:47	-	1.14
115	Hexa	PCB-132/161	5.00	6.55e+06	1.26 y	43:02	-	1.15
116	Hexa	PCB-153	2.50	3.39e+06	1.25 y	43:13	-	1.19
117	Hexa	PCB-168	2.50	4.12e+06	1.19 y	43:25	-	1.44
118	Hexa	PCB-141	2.50	3.06e+06	1.25 y	43:57	-	1.29
119	Hexa	PCB-137	2.50	3.21e+06	1.20 y	44:20	-	1.35
120	Hexa	PCB-130	2.50	2.54e+06	1.16 y	44:25	-	1.07
121	Hexa	PCB-138/163/164	7.50	1.06e+07	1.22 y	44:49	-	1.41
122	Hexa	PCB-158/160	5.00	7.55e+06	1.28 y	45:02	-	1.50
123	Hexa	PCB-129	2.50	2.74e+06	1.29 y	45:16	-	1.09
124	Hexa	PCB-166	2.50	3.84e+06	1.22 y	45:44	-	1.29
125	Hexa	PCB-159	2.50	4.15e+06	1.23 y	46:04	-	1.39
126	Hexa	PCB-128/162	5.00	6.93e+06	1.27 y	46:21	-	1.16
127	Hexa	PCB-167	2.50	4.00e+06	1.28 y	46:44	-	1.30
128	Hexa	PCB-156	2.50	4.17e+06	1.23 y	48:02	-	1.38
129	Hexa	PCB-157	2.50	4.20e+06	1.23 y	48:18	-	1.39
130	Hexa	PCB-169	2.50	3.89e+06	1.23 y	50:30	-	1.30
131	Hepta	PCB-188	2.50	3.59e+06	1.08 y	42:51	-	1.71
132	Hepta	PCB-184	2.50	3.28e+06	1.16 y	43:17	-	1.56
133	Hepta	PCB-179	2.50	3.20e+06	1.05 y	44:04	-	1.52
134	Hepta	PCB-176	2.50	3.42e+06	1.07 y	44:32	-	1.63
135	Hepta	PCB-186	2.50	3.38e+06	1.04 y	45:08	-	1.61
136	Hepta	PCB-178	2.50	2.60e+06	1.06 y	45:38	-	1.24
137	Hepta	PCB-175	2.50	2.57e+06	1.18 y	45:59	-	1.22
138	Hepta	PCB-182/187	5.00	5.49e+06	1.03 y	46:09	-	1.31
139	Hepta	PCB-183	2.50	2.80e+06	1.07 y	46:28	-	1.33
140	Hepta	PCB-185	2.50	2.61e+06	1.16 y	47:07	-	1.77
141	Hepta	PCB-174	2.50	2.18e+06	1.08 y	47:28	-	1.48
142	Hepta	PCB-181	2.50	2.53e+06	1.12 y	47:35	-	1.72
143	Hepta	PCB-177	2.50	2.38e+06	1.04 y	47:45	-	1.62
144	Hepta	PCB-171	2.50	2.67e+06	1.07 y	48:03	-	1.81
145	Hepta	PCB-173	2.50	2.10e+06	1.07 y	48:28	-	1.43
146	Hepta	PCB-172	2.50	2.46e+06	1.04 y	48:55	-	1.67
147	Hepta	PCB-192	2.50	2.99e+06	1.08 y	49:06	-	2.03
148	Hepta	PCB-180	2.50	2.47e+06	1.04 y	49:19	-	1.67
149	Hepta	PCB-193	2.50	3.40e+06	1.04 y	49:31	-	2.31
150	Hepta	PCB-191	2.50	3.48e+06	1.14 y	49:47	-	2.36
151	Hepta	PCB-170	2.50	2.44e+06	1.06 y	50:54	-	1.88
152	Hepta	PCB-190	2.50	3.25e+06	1.08 y	51:06	-	2.51
153	Hepta	PCB-189	2.50	3.19e+06	1.05 y	52:31	-	1.87
154	Octa	PCB-202	2.50	2.23e+06	0.89 y	48:14	-	1.21
155	Octa	PCB-201	2.50	2.45e+06	0.96 y	48:43	-	1.32
156	Octa	PCB-204	2.50	2.31e+06	0.89 y	48:53	-	1.25
157	Octa	PCB-197	2.50	2.59e+06	0.90 y	49:11	-	1.40
158	Octa	PCB-200	2.50	2.36e+06	0.91 y	50:05	-	1.28
159	Octa	PCB-198	2.50	1.71e+06	0.90 y	51:33	-	0.92
160	Octa	PCB-199	2.50	1.62e+06	0.93 y	51:40	-	0.87
161	Octa	PCB-196/203	5.00	3.69e+06	0.96 y	51:57	-	1.00
162	Octa	PCB-195	2.50	1.98e+06	0.94 y	53:12	-	1.19
163	Octa	PCB-194	2.50	2.19e+06	0.88 y	54:05	-	1.32

164	Octa	PCB-205	2.50	2.71e+06	0.93 y	54:21	-	1.64
165	Nona	PCB-208	2.50	2.69e+06	1.40 y	53:21	-	1.12
166	Nona	PCB-207	2.50	2.76e+06	1.36 y	53:40	-	1.15
167	Nona	PCB-206	2.50	1.68e+06	1.34 y	55:39	-	0.98
168	Deca	PCB-209	2.50	2.38e+06	1.17 y	56:59	-	1.53
169	Tot ๊	Total Mono-PCB	0.00	-	- n	-	-	1.14
170	Tot ๊	Total Di-PCB	0.00	-	- n	-	-	1.23
171	Tot ๊	Total Tri-PCB	0.00	-	- n	-	-	1.31

172	Tot ╗	Total Tri-PCB	0.00	-	- n	-	-	1.29
173	Tot ╗	Total Tetra-PCB	0.00	-	- n	-	-	1.21
174	Tot ╗	Total Penta-PCB	0.00	-	- n	-	-	1.43
175	Tot ╗	Total Penta-PCB	0.00	-	- n	-	-	1.37
176	Tot ╗	Total Hexa-PCB	0.00	-	- n	-	-	1.12
177	Tot ╗	Total Hexa-PCB	0.00	-	- n	-	-	1.21
178	Tot ╗	Total Hepta-PCB	0.00	-	- n	-	-	1.62
179	Tot ╗	Total Octa-PCB	0.00	-	- n	-	-	1.14
180	Tot ╗	Total Octa-PCB	0.00	-	- n	-	-	1.38
181	Tot ╗	Total Nona-PCB	0.00	-	- n	-	-	1.09
182	Tot ╗	Total Deca-PCB	2.50	2.38e+06	1.17 y	56:59	-	1.53
183	Mono╗	13C-PCB-1	100.00	2.12e+08	3.24 y	16:02	-	1.24
184	Mono╗	13C-PCB-3	100.00	2.32e+08	3.22 y	18:40	-	1.36
185	Di-IS	13C-PCB-4	100.00	1.18e+08	1.59 y	20:01	-	0.69
186	Di-IS	13C-PCB-9	100.00	1.74e+08	1.58 y	21:49	-	1.02
187	Di-IS	13C-PCB-11	100.00	1.63e+08	1.57 y	25:12	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.11e+08	1.05 y	24:11	-	0.65
189	Tri-╗	13C-PCB-32	100.00	1.56e+08	1.07 y	27:06	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.43e+08	1.05 y	29:04	-	0.92
191	Tri-╗	13C-PCB-37	100.00	1.44e+08	1.06 y	32:56	-	0.93
192	Tetr╗	13C-PCB-54	100.00	1.51e+08	0.80 y	27:56	-	1.00
193	Tetr╗	13C-PCB-52	100.00	1.19e+08	0.81 y	31:29	-	0.79
194	Tetr╗	13C-PCB-47	100.00	1.29e+08	0.81 y	31:59	-	0.86
195	Tetr╗	13C-PCB-70	100.00	1.50e+08	0.79 y	35:30	-	0.99
196	Tetr╗	13C-PCB-80	100.00	1.51e+08	0.80 y	35:55	-	1.00
197	Tetr╗	13C-PCB-81	100.00	1.49e+08	0.80 y	39:01	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.44e+08	0.80 y	39:37	-	0.96
199	Pent╗	13C-PCB-104	100.00	9.66e+07	1.60 y	32:38	-	1.06
200	Pent╗	13C-PCB-95	100.00	7.36e+07	1.60 y	35:48	-	0.80
201	Pent╗	13C-PCB-101	100.00	7.35e+07	1.60 y	37:29	-	0.80
202	Pent╗	13C-PCB-97	100.00	6.40e+07	1.62 y	38:47	-	0.70
203	Pent╗	13C-PCB-123	100.00	8.93e+07	1.60 y	41:20	-	0.98
204	Pent╗	13C-PCB-118	100.00	9.03e+07	1.61 y	41:31	-	0.99
205	Pent╗	13C-PCB-114	100.00	1.01e+08	1.60 y	42:10	-	1.15
206	Pent╗	13C-PCB-105	100.00	1.00e+08	1.56 y	43:02	-	1.14
207	Pent╗	13C-PCB-127	100.00	1.09e+08	1.59 y	43:22	-	1.24
208	Pent╗	13C-PCB-126	100.00	9.94e+07	1.60 y	45:15	-	1.13
209	Hexa╗	13C-PCB-155	100.00	7.12e+07	1.29 y	37:02	-	0.78
210	Hexa╗	13C-PCB-153	100.00	1.14e+08	1.24 y	43:11	-	1.30
211	Hexa╗	13C-PCB-141	100.00	9.51e+07	1.28 y	43:55	-	1.08
212	Hexa	13C-PCB-138	100.00	1.01e+08	1.26 y	44:46	-	1.14
213	Hexa╗	13C-PCB-159	100.00	1.19e+08	1.25 y	46:03	-	1.36
214	Hexa╗	13C-PCB-167	100.00	1.23e+08	1.26 y	46:44	-	1.40
215	Hexa╗	13C-PCB-156	100.00	1.21e+08	1.28 y	48:01	-	1.38
216	Hexa╗	13C-PCB-157	100.00	1.21e+08	1.27 y	48:17	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.20e+08	1.27 y	50:29	-	1.36
218	Hept╗	13C-PCB-188	100.00	8.41e+07	0.46 y	42:49	-	1.38
219	Hept╗	13C-PCB-180	100.00	5.89e+07	0.47 y	49:18	-	0.97
220	Hept╗	13C-PCB-170	100.00	5.18e+07	0.46 y	50:53	-	0.85
221	Hept╗	13C-PCB-189	100.00	6.81e+07	0.46 y	52:30	-	1.12
222	Octa╗	13C-PCB-202	100.00	7.40e+07	0.91 y	48:13	-	1.21

223	Octa╗	13C-PCB-194	100.00	6.63e+07	0.90 y	54:04	-	0.76
224	Nona╗	13C-PCB-208	100.00	9.61e+07	0.77 y	53:20	-	1.10
225	Nona╗	13C-PCB-206	100.00	6.84e+07	0.77 y	55:38	-	0.78
226	Deca╗	13C-PCB-209	100.00	6.22e+07	1.22 y	56:58	-	0.71
227	DI-RS	13C-PCB-15	100.00	1.71e+08	1.55 y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.55e+08	1.03 y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.51e+08	0.80 y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	9.15e+07	1.60 y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	8.81e+07	1.28 y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	6.10e+07	0.47 y	46:08	-	1.00

233	Octa¶	13C-PCB-205	100.00	8.74e+07	0.92	y	54:21	-	1.00
234	CRS	13C-PCB-79	100.00	1.52e+08	0.79	y	37:48	-	1.01
235	CRS	13C-PCB-178	100.00	5.47e+07	0.46	y	45:37	-	0.90
236	PS	13C-PCB-79	100.00	1.52e+08	0.79	y	37:48	-	1.02
237	PS	13C-PCB-178	100.00	5.47e+07	0.46	y	45:37	-	0.93

Filename: 171027E1 S: 4 Acquired: 27-OCT-17 13:42:55
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-4 PCB CS3 17I0520

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	50.00	1.17e+08	2.97 y	16:03	-	1.09
2	Mono	PCB-2	50.00	1.07e+08	2.98 y	18:27	-	1.02
3	Mono	PCB-3	50.00	1.13e+08	2.97 y	18:41	-	1.07
4	Di	PCB-4/10	100.00	1.55e+08	1.57 y	20:04	-	1.39
5	Di	PCB-7/9	100.00	1.86e+08	1.58 y	21:51	-	1.10
6	Di	PCB-6	50.00	9.17e+07	1.55 y	22:30	-	1.08
7	Di	PCB-5/8	100.00	1.88e+08	1.55 y	22:55	-	1.11
8	Di	PCB-14	50.00	1.09e+08	1.57 y	24:01	-	1.34
9	Di	PCB-11	50.00	9.07e+07	1.57 y	25:13	-	1.12
10	Di	PCB-12/13	100.00	1.82e+08	1.54 y	25:36	-	1.12
11	Di	PCB-15	50.00	1.02e+08	1.55 y	25:55	-	1.25
12	Tri	PCB-19	50.00	6.71e+07	1.05 y	24:12	-	1.21
13	Tri	PCB-30	50.00	1.06e+08	1.04 y	25:06	-	1.91
14	Tri	PCB-18	50.00	7.11e+07	1.04 y	25:51	-	0.92
15	Tri	PCB-17	50.00	7.75e+07	1.04 y	26:01	-	1.01
16	Tri	PCB-24/27	100.00	2.04e+08	1.04 y	26:36	-	1.32
17	Tri	PCB-16/32	100.00	1.66e+08	1.04 y	27:06	-	1.08
18	Tri	PCB-34	50.00	8.52e+07	1.07 y	27:54	-	1.16
19	Tri	PCB-23	50.00	8.70e+07	1.06 y	28:00	-	1.18
20	Tri	PCB-29	50.00	8.94e+07	1.06 y	28:14	-	1.22
21	Tri	PCB-26	50.00	8.79e+07	1.06 y	28:28	-	1.20
22	Tri	PCB-25	50.00	8.09e+07	1.05 y	28:37	-	1.10
23	Tri	PCB-31	50.00	9.16e+07	1.06 y	28:59	-	1.25
24	Tri	PCB-28	50.00	8.62e+07	1.07 y	29:04	-	1.17
25	Tri	PCB-20/21/33	150.00	2.53e+08	1.05 y	29:42	-	1.15
26	Tri	PCB-22	50.00	8.13e+07	1.06 y	30:08	-	1.11
27	Tri	PCB-36	50.00	8.40e+07	1.06 y	30:45	-	1.22
28	Tri	PCB-39	50.00	8.86e+07	1.06 y	31:13	-	1.28
29	Tri	PCB-38	50.00	7.89e+07	1.06 y	31:59	-	1.14
30	Tri	PCB-35	50.00	7.98e+07	1.06 y	32:31	-	1.16
31	Tri	PCB-37	50.00	8.88e+07	1.05 y	32:57	-	1.28
32	Tetra	PCB-54	50.00	8.07e+07	0.78 y	27:57	-	1.08
33	Tetra	PCB-50	50.00	6.42e+07	0.78 y	29:08	-	0.86
34	Tetra	PCB-53	50.00	6.44e+07	0.78 y	29:46	-	1.13
35	Tetra	PCB-51	50.00	6.52e+07	0.77 y	30:07	-	1.14
36	Tetra	PCB-45	50.00	5.69e+07	0.78 y	30:33	-	1.00
37	Tetra	PCB-46	50.00	5.35e+07	0.78 y	31:02	-	0.94
38	Tetra	PCB-52/69	100.00	1.50e+08	0.77 y	31:31	-	1.31
39	Tetra	PCB-73	50.00	7.64e+07	0.80 y	31:38	-	1.34
40	Tetra	PCB-43/49	100.00	1.27e+08	0.77 y	31:48	-	1.11
41	Tetra	PCB-47	50.00	6.39e+07	0.78 y	32:00	-	1.02

42	Tetra	PCB-48/75	100.00	1.56e+08	0.79	y	32:07	-	1.25
43	Tetra	PCB-65	50.00	6.98e+07	0.78	y	32:22	-	1.12
44	Tetra	PCB-62	50.00	7.93e+07	0.79	y	32:29	-	1.27
45	Tetra	PCB-44	50.00	5.29e+07	0.78	y	32:48	-	0.85
46	Tetra	PCB-42/59	100.00	1.43e+08	0.79	y	33:01	-	1.14
47	Tetra	PCB-41/64/71/72	200.00	3.10e+08	0.78	y	33:37	-	1.24
48	Tetra	PCB-68	50.00	8.82e+07	0.78	y	33:52	-	1.41
49	Tetra	PCB-40	50.00	4.87e+07	0.79	y	34:04	-	0.78
50	Tetra	PCB-57	50.00	8.05e+07	0.78	y	34:27	-	1.10
51	Tetra	PCB-67	50.00	7.92e+07	0.77	y	34:45	-	1.08
52	Tetra	PCB-58	50.00	8.24e+07	0.78	y	34:52	-	1.13

53	Tetra	PCB-63	50.00	8.43e+07	0.78 y	35:01	-	1.15
54	Tetra	PCB-74	50.00	8.63e+07	0.77 y	35:18	-	1.18
55	Tetra	PCB-61/70	100.00	1.59e+08	0.78 y	35:28	-	1.09
56	Tetra	PCB-76/66	100.00	1.65e+08	0.78 y	35:42	-	1.13
57	Tetra	PCB-80	50.00	9.65e+07	0.77 y	35:56	-	1.33
58	Tetra	PCB-55	50.00	8.66e+07	0.77 y	36:15	-	1.19
59	Tetra	PCB-56/60	100.00	1.61e+08	0.78 y	36:45	-	1.11
60	Tetra	PCB-79	50.00	8.58e+07	0.78 y	37:48	-	1.18
61	Tetra	PCB-78	50.00	7.77e+07	0.78 y	38:30	-	1.08
62	Tetra	PCB-81	50.00	8.53e+07	0.78 y	39:02	-	1.19
63	Tetra	PCB-77	50.00	8.37e+07	0.79 y	39:37	-	1.23
64	Penta	PCB-104	50.00	6.31e+07	1.59 y	32:39	-	1.34
65	Penta	PCB-96	50.00	5.45e+07	1.60 y	33:54	-	1.16
66	Penta	PCB-103	50.00	4.93e+07	1.60 y	34:27	-	1.04
67	Penta	PCB-100	50.00	4.91e+07	1.57 y	34:49	-	1.04
68	Penta	PCB-94	50.00	4.11e+07	1.61 y	35:17	-	1.13
69	Penta	PCB-95/98/102	150.00	1.40e+08	1.59 y	35:45	-	1.28
70	Penta	PCB-93	50.00	3.71e+07	1.55 y	35:53	-	1.02
71	Penta	PCB-88/91	100.00	8.07e+07	1.58 y	36:10	-	1.11
72	Penta	PCB-121	50.00	6.46e+07	1.61 y	36:17	-	1.77
73	Penta	PCB-84/92	100.00	8.34e+07	1.61 y	37:07	-	1.19
74	Penta	PCB-89	50.00	4.02e+07	1.59 y	37:18	-	1.14
75	Penta	PCB-90/101	100.00	9.36e+07	1.60 y	37:29	-	1.33
76	Penta	PCB-113	50.00	5.30e+07	1.56 y	37:44	-	1.51
77	Penta	PCB-99	50.00	4.73e+07	1.63 y	37:49	-	1.35
78	Penta	PCB-119	50.00	6.15e+07	1.59 y	38:17	-	2.01
79	Penta	PCB-108/112	100.00	9.28e+07	1.58 y	38:26	-	1.52
80	Penta	PCB-83	50.00	5.61e+07	1.61 y	38:36	-	1.84
81	Penta	PCB-97	50.00	4.36e+07	1.59 y	38:47	-	1.43
82	Penta	PCB-86	50.00	3.21e+07	1.52 y	38:56	-	1.05
83	Penta	PCB-87/117/125	150.00	1.57e+08	1.60 y	39:03	-	1.71
84	Penta	PCB-111/115	100.00	1.25e+08	1.59 y	39:13	-	2.05
85	Penta	PCB-85/116	100.00	8.95e+07	1.60 y	39:20	-	1.46
86	Penta	PCB-120	50.00	6.51e+07	1.60 y	39:36	-	2.13
87	Penta	PCB-110	50.00	5.33e+07	1.60 y	39:44	-	1.74
88	Penta	PCB-82	50.00	3.46e+07	1.62 y	40:20	-	0.83
89	Penta	PCB-124	50.00	5.61e+07	1.58 y	41:03	-	1.35
90	Penta	PCB-107/109	100.00	1.18e+08	1.61 y	41:10	-	1.42
91	Penta	PCB-123	50.00	5.66e+07	1.59 y	41:21	-	1.37
92	Penta	PCB-106/118	100.00	1.19e+08	1.61 y	41:33	-	1.38
93	Penta	PCB-114	50.00	6.30e+07	1.57 y	42:11	-	1.33
94	Penta	PCB-122	50.00	5.47e+07	1.56 y	42:19	-	1.15
95	Penta	PCB-105	50.00	6.38e+07	1.57 y	43:03	-	1.34
96	Penta	PCB-127	50.00	5.78e+07	1.56 y	43:23	-	1.13
97	Penta	PCB-126	50.00	5.91e+07	1.60 y	45:16	-	1.24
98	Hexa	PCB-155	50.00	4.48e+07	1.30 y	37:03	-	1.36
99	Hexa	PCB-150	50.00	4.23e+07	1.30 y	38:18	-	1.29
100	Hexa	PCB-152	50.00	4.11e+07	1.30 y	38:46	-	1.25
101	Hexa	PCB-145	50.00	3.97e+07	1.31 y	39:12	-	1.21
102	Hexa	PCB-136	50.00	4.14e+07	1.28 y	39:32	-	1.26

103	Hexa	PCB-148	50.00	2.99e+07	1.33 y	39:38	-	0.91
104	Hexa	PCB-154	50.00	3.34e+07	1.30 y	40:08	-	1.02
105	Hexa	PCB-151	50.00	3.14e+07	1.30 y	40:47	-	0.95
106	Hexa	PCB-135	50.00	3.21e+07	1.27 y	40:59	-	0.98
107	Hexa	PCB-144	50.00	2.98e+07	1.27 y	41:06	-	0.91
108	Hexa	PCB-147	50.00	2.82e+07	1.30 y	41:14	-	0.86
109	Hexa	PCB-139/149	100.00	6.46e+07	1.29 y	41:30	-	0.98
110	Hexa	PCB-140	50.00	3.01e+07	1.29 y	41:40	-	0.92
111	Hexa	PCB-134/143	100.00	9.29e+07	1.20 y	42:06	-	0.87
112	Hexa	PCB-131/133	100.00	9.42e+07	1.23 y	42:25	-	0.88
113	Hexa	PCB-142	50.00	4.23e+07	1.21 y	42:34	-	0.79

114	Hexa	PCB-146/165	100.00	1.12e+08	1.22 y	42:48	-	1.05
115	Hexa	PCB-132/161	100.00	1.12e+08	1.22 y	43:02	-	1.05
116	Hexa	PCB-153	50.00	5.72e+07	1.23 y	43:12	-	1.07
117	Hexa	PCB-168	50.00	6.92e+07	1.21 y	43:25	-	1.30
118	Hexa	PCB-141	50.00	5.07e+07	1.20 y	43:56	-	1.15
119	Hexa	PCB-137	50.00	5.14e+07	1.22 y	44:19	-	1.17
120	Hexa	PCB-130	50.00	4.62e+07	1.24 y	44:25	-	1.05
121	Hexa	PCB-138/163/164	150.00	1.82e+08	1.23 y	44:48	-	1.27
122	Hexa	PCB-158/160	100.00	1.29e+08	1.22 y	45:02	-	1.35
123	Hexa	PCB-129	50.00	4.44e+07	1.22 y	45:17	-	0.93
124	Hexa	PCB-166	50.00	6.33e+07	1.21 y	45:44	-	1.13
125	Hexa	PCB-159	50.00	6.88e+07	1.22 y	46:03	-	1.23
126	Hexa	PCB-128/162	100.00	1.15e+08	1.23 y	46:21	-	1.03
127	Hexa	PCB-167	50.00	6.75e+07	1.25 y	46:45	-	1.19
128	Hexa	PCB-156	50.00	6.87e+07	1.22 y	48:01	-	1.24
129	Hexa	PCB-157	50.00	6.89e+07	1.23 y	48:17	-	1.22
130	Hexa	PCB-169	50.00	6.43e+07	1.22 y	50:29	-	1.14
131	Hepta	PCB-188	50.00	6.12e+07	1.07 y	42:50	-	1.55
132	Hepta	PCB-184	50.00	5.63e+07	1.07 y	43:18	-	1.42
133	Hepta	PCB-179	50.00	5.62e+07	1.05 y	44:04	-	1.42
134	Hepta	PCB-176	50.00	5.94e+07	1.06 y	44:32	-	1.50
135	Hepta	PCB-186	50.00	5.81e+07	1.06 y	45:08	-	1.47
136	Hepta	PCB-178	50.00	4.38e+07	1.07 y	45:38	-	1.11
137	Hepta	PCB-175	50.00	4.30e+07	1.06 y	45:59	-	1.09
138	Hepta	PCB-182/187	100.00	9.36e+07	1.05 y	46:09	-	1.18
139	Hepta	PCB-183	50.00	4.84e+07	1.06 y	46:28	-	1.22
140	Hepta	PCB-185	50.00	4.28e+07	1.05 y	47:07	-	1.59
141	Hepta	PCB-174	50.00	4.03e+07	1.04 y	47:29	-	1.50
142	Hepta	PCB-181	50.00	4.19e+07	1.06 y	47:35	-	1.56
143	Hepta	PCB-177	50.00	3.72e+07	1.07 y	47:45	-	1.38
144	Hepta	PCB-171	50.00	4.30e+07	1.07 y	48:02	-	1.60
145	Hepta	PCB-173	50.00	3.49e+07	1.07 y	48:28	-	1.30
146	Hepta	PCB-172	50.00	4.10e+07	1.06 y	48:55	-	1.52
147	Hepta	PCB-192	50.00	5.18e+07	1.06 y	49:07	-	1.92
148	Hepta	PCB-180	50.00	4.30e+07	1.07 y	49:19	-	1.60
149	Hepta	PCB-193	50.00	5.54e+07	1.07 y	49:31	-	2.06
150	Hepta	PCB-191	50.00	5.62e+07	1.06 y	49:46	-	2.09
151	Hepta	PCB-170	50.00	3.99e+07	1.05 y	50:55	-	1.70
152	Hepta	PCB-190	50.00	5.48e+07	1.05 y	51:06	-	2.34
153	Hepta	PCB-189	50.00	5.37e+07	1.07 y	52:32	-	1.72
154	Octa	PCB-202	50.00	3.68e+07	0.91 y	48:15	-	1.08
155	Octa	PCB-201	50.00	4.08e+07	0.90 y	48:44	-	1.20
156	Octa	PCB-204	50.00	3.79e+07	0.91 y	48:53	-	1.11
157	Octa	PCB-197	50.00	4.30e+07	0.90 y	49:12	-	1.26
158	Octa	PCB-200	50.00	3.89e+07	0.90 y	50:06	-	1.14
159	Octa	PCB-198	50.00	2.80e+07	0.88 y	51:34	-	0.82
160	Octa	PCB-199	50.00	2.74e+07	0.91 y	51:41	-	0.80
161	Octa	PCB-196/203	100.00	6.04e+07	0.89 y	51:58	-	0.89
162	Octa	PCB-195	50.00	3.39e+07	0.89 y	53:11	-	1.06
163	Octa	PCB-194	50.00	3.77e+07	0.90 y	54:05	-	1.18

164	Octa	PCB-205	50.00	4.77e+07	0.90	y	54:21	-	1.50
165	Nona	PCB-208	50.00	4.68e+07	1.33	y	53:21	-	1.03
166	Nona	PCB-207	50.00	4.70e+07	1.31	y	53:40	-	1.04
167	Nona	PCB-206	50.00	2.89e+07	1.31	y	55:38	-	0.88
168	Deca	PCB-209	50.00	4.11e+07	1.18	y	56:57	-	1.33
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.06
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.16
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.24

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.19
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.13
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.31
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.24
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.06
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.10
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.47
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.02
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.25
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.00
182	Tot ╗	Total Deca-PCB	50.00	4.11e+07	1.18	y	56:57	-	1.33
183	Mono╗	13C-PCB-1	100.00	2.14e+08	3.20	y	16:02	-	1.27
184	Mono╗	13C-PCB-3	100.00	2.11e+08	3.18	y	18:40	-	1.25
185	Di-IS	13C-PCB-4	100.00	1.11e+08	1.58	y	20:00	-	0.66
186	Di-IS	13C-PCB-9	100.00	1.69e+08	1.60	y	21:48	-	1.01
187	Di-IS	13C-PCB-11	100.00	1.63e+08	1.58	y	25:12	-	0.96
188	Tri-╗	13C-PCB-19	100.00	1.11e+08	1.07	y	24:11	-	0.66
189	Tri-╗	13C-PCB-32	100.00	1.54e+08	1.06	y	27:06	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.47e+08	1.04	y	29:04	-	0.99
191	Tri-╗	13C-PCB-37	100.00	1.38e+08	1.06	y	32:56	-	0.93
192	Tetr╗	13C-PCB-54	100.00	1.49e+08	0.80	y	27:56	-	1.03
193	Tetr╗	13C-PCB-52	100.00	1.14e+08	0.79	y	31:29	-	0.79
194	Tetr╗	13C-PCB-47	100.00	1.25e+08	0.79	y	31:59	-	0.86
195	Tetr╗	13C-PCB-70	100.00	1.46e+08	0.81	y	35:30	-	1.01
196	Tetr╗	13C-PCB-80	100.00	1.46e+08	0.79	y	35:55	-	1.00
197	Tetr╗	13C-PCB-81	100.00	1.44e+08	0.78	y	39:01	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.36e+08	0.81	y	39:36	-	0.94
199	Pent╗	13C-PCB-104	100.00	9.44e+07	1.57	y	32:38	-	1.08
200	Pent╗	13C-PCB-95	100.00	7.30e+07	1.60	y	35:48	-	0.84
201	Pent╗	13C-PCB-101	100.00	7.03e+07	1.60	y	37:29	-	0.81
202	Pent╗	13C-PCB-97	100.00	6.11e+07	1.63	y	38:46	-	0.70
203	Pent╗	13C-PCB-123	100.00	8.29e+07	1.59	y	41:20	-	0.95
204	Pent╗	13C-PCB-118	100.00	8.60e+07	1.61	y	41:31	-	0.99
205	Pent╗	13C-PCB-114	100.00	9.51e+07	1.59	y	42:10	-	1.17
206	Pent╗	13C-PCB-105	100.00	9.50e+07	1.62	y	43:02	-	1.17
207	Pent╗	13C-PCB-127	100.00	1.03e+08	1.62	y	43:22	-	1.26
208	Pent╗	13C-PCB-126	100.00	9.52e+07	1.56	y	45:16	-	1.17
209	Hexa╗	13C-PCB-155	100.00	6.57e+07	1.28	y	37:01	-	0.75
210	Hexa╗	13C-PCB-153	100.00	1.07e+08	1.25	y	43:12	-	1.31
211	Hexa╗	13C-PCB-141	100.00	8.81e+07	1.27	y	43:56	-	1.09
212	Hexa	13C-PCB-138	100.00	9.56e+07	1.26	y	44:46	-	1.18
213	Hexa╗	13C-PCB-159	100.00	1.12e+08	1.29	y	46:03	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.13e+08	1.24	y	46:44	-	1.39
215	Hexa╗	13C-PCB-156	100.00	1.11e+08	1.28	y	48:01	-	1.37
216	Hexa╗	13C-PCB-157	100.00	1.13e+08	1.26	y	48:17	-	1.39
217	Hexa╗	13C-PCB-169	100.00	1.13e+08	1.28	y	50:29	-	1.39
218	Hept╗	13C-PCB-188	100.00	7.91e+07	0.46	y	42:49	-	1.40
219	Hept╗	13C-PCB-180	100.00	5.39e+07	0.47	y	49:18	-	0.95
220	Hept╗	13C-PCB-170	100.00	4.69e+07	0.47	y	50:54	-	0.83
221	Hept╗	13C-PCB-189	100.00	6.24e+07	0.46	y	52:31	-	1.11
222	Octa╗	13C-PCB-202	100.00	6.82e+07	0.91	y	48:14	-	1.21

223	Octa¶	13C-PCB-194	100.00	6.38e+07	0.91 y	54:04	-	0.76
224	Nona¶	13C-PCB-208	100.00	9.04e+07	0.78 y	53:20	-	1.08
225	Nona¶	13C-PCB-206	100.00	6.55e+07	0.77 y	55:37	-	0.78
226	Deca¶	13C-PCB-209	100.00	6.18e+07	1.23 y	56:56	-	0.74
227	DI-RS	13C-PCB-15	100.00	1.69e+08	1.57 y	25:54	-	1.00
228	Tri-¶	13C-PCB-31	100.00	1.48e+08	1.04 y	28:57	-	1.00
229	Tetr¶	13C-PCB-60	100.00	1.45e+08	0.79 y	36:43	-	1.00
230	Penta	13C-PCB-111	100.00	8.71e+07	1.59 y	39:12	-	1.00
231	Hexa¶	13C-PCB-128	100.00	8.12e+07	1.26 y	46:19	-	1.00
232	Hept¶	13C-PCB-182	100.00	5.65e+07	0.46 y	46:09	-	1.00

233	Octa¶	13C-PCB-205	100.00	8.39e+07	0.91 y	54:20	-	1.00
234	CRS	13C-PCB-79	100.00	1.50e+08	0.30 y	37:47	-	1.03
235	CRS	13C-PCB-178	100.00	5.28e+07	0.47 y	45:37	-	0.93
236	PS	13C-PCB-79	100.00	1.50e+08	0.80 y	37:47	-	1.04
237	PS	13C-PCB-178	100.00	5.28e+07	0.47 y	45:37	-	0.98

Filename: 171027E1 S: 5 Acquired: 27-OCT-17 14:47:57
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-5 PCB CS4 17C0312

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	400.00	8.88e+08	2.98 y	16:02	-	1.04
2	Mono	PCB-2	400.00	8.65e+08	3.02 y	18:26	-	1.03
3	Mono	PCB-3	400.00	8.57e+08	3.00 y	18:40	-	1.02
4	Di	PCB-4/10	800.00	1.15e+09	1.56 y	20:03	-	1.31
5	Di	PCB-7/9	800.00	1.38e+09	1.56 y	21:50	-	1.06
6	Di	PCB-6	400.00	6.73e+08	1.57 y	22:30	-	1.03
7	Di	PCB-5/8	800.00	1.39e+09	1.56 y	22:55	-	1.07
8	Di	PCB-14	400.00	8.18e+08	1.56 y	24:01	-	1.26
9	Di	PCB-11	400.00	7.01e+08	1.57 y	25:13	-	1.08
10	Di	PCB-12/13	800.00	1.42e+09	1.57 y	25:36	-	1.09
11	Di	PCB-15	400.00	7.78e+08	1.55 y	25:55	-	1.20
12	Tri	PCB-19	400.00	4.92e+08	1.05 y	24:11	-	1.15
13	Tri	PCB-30	400.00	7.81e+08	1.06 y	25:05	-	1.83
14	Tri	PCB-18	400.00	5.30e+08	1.04 y	25:51	-	0.86
15	Tri	PCB-17	400.00	5.80e+08	1.04 y	26:01	-	0.94
16	Tri	PCB-24/27	800.00	1.55e+09	1.05 y	26:36	-	1.26
17	Tri	PCB-16/32	800.00	1.26e+09	1.05 y	27:06	-	1.02
18	Tri	PCB-34	400.00	6.56e+08	1.05 y	27:54	-	1.12
19	Tri	PCB-23	400.00	6.77e+08	1.07 y	28:00	-	1.15
20	Tri	PCB-29	400.00	6.93e+08	1.06 y	28:14	-	1.18
21	Tri	PCB-26	400.00	6.83e+08	1.06 y	28:27	-	1.16
22	Tri	PCB-25	400.00	6.37e+08	1.05 y	28:37	-	1.09
23	Tri	PCB-31	400.00	7.32e+08	1.05 y	28:59	-	1.25
24	Tri	PCB-28	400.00	6.63e+08	1.07 y	29:04	-	1.13
25	Tri	PCB-20/21/33	1200.00	2.05e+09	1.06 y	29:41	-	1.16
26	Tri	PCB-22	400.00	6.65e+08	1.05 y	30:08	-	1.13
27	Tri	PCB-36	400.00	6.83e+08	1.06 y	30:44	-	1.16
28	Tri	PCB-39	400.00	7.13e+08	1.06 y	31:13	-	1.21
29	Tri	PCB-38	400.00	6.49e+08	1.07 y	31:59	-	1.10
30	Tri	PCB-35	400.00	6.63e+08	1.06 y	32:31	-	1.12
31	Tri	PCB-37	400.00	7.31e+08	1.06 y	32:57	-	1.24
32	Tetra	PCB-54	400.00	5.99e+08	0.78 y	27:57	-	1.01
33	Tetra	PCB-50	400.00	4.96e+08	0.77 y	29:07	-	0.83
34	Tetra	PCB-53	400.00	5.01e+08	0.77 y	29:46	-	1.07
35	Tetra	PCB-51	400.00	5.07e+08	0.78 y	30:07	-	1.08
36	Tetra	PCB-45	400.00	4.47e+08	0.78 y	30:32	-	0.95
37	Tetra	PCB-46	400.00	4.17e+08	0.78 y	31:01	-	0.89
38	Tetra	PCB-52/69	800.00	1.18e+09	0.77 y	31:31	-	1.26
39	Tetra	PCB-73	400.00	6.03e+08	0.80 y	31:38	-	1.28
40	Tetra	PCB-43/49	800.00	1.01e+09	0.77 y	31:48	-	1.08
41	Tetra	PCB-47	400.00	5.10e+08	0.77 y	31:59	-	0.98

42	Tetra	PCB-48/75	800.00	1.26e+09	0.78 y	32:06	-	1.21
43	Tetra	PCB-65	400.00	6.21e+08	0.78 y	32:22	-	1.19
44	Tetra	PCB-62	400.00	5.75e+08	0.78 y	32:29	-	1.10
45	Tetra	PCB-44	400.00	4.19e+08	0.78 y	32:47	-	0.81
46	Tetra	PCB-42/59	800.00	1.15e+09	0.78 y	33:01	-	1.11
47	Tetra	PCB-41/64/71/72	1600.00	2.55e+09	0.78 y	33:36	-	1.22
48	Tetra	PCB-68	400.00	7.20e+08	0.78 y	33:52	-	1.38
49	Tetra	PCB-40	400.00	3.84e+08	0.79 y	34:04	-	0.74
50	Tetra	PCB-57	400.00	6.51e+08	0.78 y	34:26	-	1.04
51	Tetra	PCB-67	400.00	6.53e+08	0.77 y	34:44	-	1.04
52	Tetra	PCB-58	400.00	6.82e+08	0.78 y	34:52	-	1.09

53	Tetra	PCB-63	400.00	7.05e+08	0.77 y	35:01	-	1.13
54	Tetra	PCB-74	400.00	7.17e+08	0.77 y	35:18	-	1.15
55	Tetra	PCB-61/70	800.00	1.31e+09	0.78 y	35:28	-	1.05
56	Tetra	PCB-76/66	800.00	1.39e+09	0.78 y	35:41	-	1.11
57	Tetra	PCB-80	400.00	7.94e+08	0.78 y	35:56	-	1.28
58	Tetra	PCB-55	400.00	7.31e+08	0.78 y	36:15	-	1.18
59	Tetra	PCB-56/60	800.00	1.36e+09	0.78 y	36:45	-	1.09
60	Tetra	PCB-79	400.00	7.24e+08	0.78 y	37:48	-	1.16
61	Tetra	PCB-78	400.00	6.71e+08	0.78 y	38:30	-	1.05
62	Tetra	PCB-81	400.00	7.38e+08	0.78 y	39:01	-	1.16
63	Tetra	PCB-77	400.00	7.39e+08	0.79 y	39:37	-	1.20
64	Penta	PCB-104	400.00	4.77e+08	1.59 y	32:39	-	1.28
65	Penta	PCB-96	400.00	4.24e+08	1.61 y	33:54	-	1.14
66	Penta	PCB-103	400.00	3.91e+08	1.59 y	34:27	-	1.05
67	Penta	PCB-100	400.00	3.94e+08	1.59 y	34:49	-	1.06
68	Penta	PCB-94	400.00	3.28e+08	1.60 y	35:17	-	1.09
69	Penta	PCB-95/98/102	1200.00	1.13e+09	1.58 y	35:45	-	1.25
70	Penta	PCB-93	400.00	2.83e+08	1.63 y	35:53	-	0.94
71	Penta	PCB-88/91	800.00	6.44e+08	1.57 y	36:10	-	1.07
72	Penta	PCB-121	400.00	5.38e+08	1.61 y	36:17	-	1.78
73	Penta	PCB-84/92	800.00	6.86e+08	1.59 y	37:07	-	1.14
74	Penta	PCB-89	400.00	3.26e+08	1.60 y	37:18	-	1.08
75	Penta	PCB-90/101	800.00	7.73e+08	1.59 y	37:29	-	1.28
76	Penta	PCB-113	400.00	4.25e+08	1.57 y	37:44	-	1.41
77	Penta	PCB-99	400.00	4.03e+08	1.60 y	37:49	-	1.34
78	Penta	PCB-119	400.00	5.21e+08	1.59 y	38:17	-	1.99
79	Penta	PCB-108/112	800.00	7.62e+08	1.59 y	38:26	-	1.45
80	Penta	PCB-83	400.00	4.71e+08	1.60 y	38:36	-	1.80
81	Penta	PCB-97	400.00	3.55e+08	1.60 y	38:47	-	1.35
82	Penta	PCB-86	400.00	3.00e+08	1.55 y	38:56	-	1.15
83	Penta	PCB-87/117/125	1200.00	1.32e+09	1.60 y	39:04	-	1.68
84	Penta	PCB-111/115	800.00	1.01e+09	1.58 y	39:13	-	1.93
85	Penta	PCB-85/116	800.00	7.53e+08	1.60 y	39:20	-	1.44
86	Penta	PCB-120	400.00	5.52e+08	1.59 y	39:36	-	2.11
87	Penta	PCB-110	400.00	4.54e+08	1.60 y	39:44	-	1.73
88	Penta	PCB-82	400.00	2.86e+08	1.59 y	40:22	-	0.80
89	Penta	PCB-124	400.00	4.70e+08	1.56 y	41:03	-	1.32
90	Penta	PCB-107/109	800.00	1.02e+09	1.59 y	41:11	-	1.43
91	Penta	PCB-123	400.00	4.69e+08	1.59 y	41:21	-	1.32
92	Penta	PCB-106/118	800.00	1.03e+09	1.59 y	41:33	-	1.34
93	Penta	PCB-114	400.00	5.52e+08	1.54 y	42:11	-	1.27
94	Penta	PCB-122	400.00	4.79e+08	1.55 y	42:19	-	1.10
95	Penta	PCB-105	400.00	5.74e+08	1.56 y	43:03	-	1.32
96	Penta	PCB-127	400.00	5.10e+08	1.56 y	43:23	-	1.12
97	Penta	PCB-126	400.00	5.35e+08	1.58 y	45:16	-	1.25
98	Hexa	PCB-155	400.00	3.67e+08	1.30 y	37:03	-	1.30
99	Hexa	PCB-150	400.00	3.44e+08	1.29 y	38:19	-	1.22
100	Hexa	PCB-152	400.00	3.48e+08	1.28 y	38:47	-	1.23
101	Hexa	PCB-145	400.00	3.38e+08	1.29 y	39:13	-	1.20
102	Hexa	PCB-136	400.00	3.48e+08	1.29 y	39:33	-	1.23

103	Hexa	PCB-148	400.00	2.67e+08	1.30 y	39:40	-	0.94
104	Hexa	PCB-154	400.00	2.84e+08	1.29 y	40:09	-	1.00
105	Hexa	PCB-151	400.00	2.58e+08	1.29 y	40:47	-	0.91
106	Hexa	PCB-135	400.00	2.67e+08	1.28 y	41:00	-	0.95
107	Hexa	PCB-144	400.00	2.70e+08	1.30 y	41:07	-	0.95
108	Hexa	PCB-147	400.00	2.47e+08	1.30 y	41:14	-	0.88
109	Hexa	PCB-139/149	800.00	5.63e+08	1.30 y	41:30	-	1.00
110	Hexa	PCB-140	400.00	2.51e+08	1.26 y	41:41	-	0.89
111	Hexa	PCB-134/143	800.00	8.06e+08	1.22 y	42:07	-	0.88
112	Hexa	PCB-131/133	800.00	8.12e+08	1.22 y	42:25	-	0.89
113	Hexa	PCB-142	400.00	3.68e+08	1.22 y	42:34	-	0.80

114	Hexa	PCB-146/165	800.00	9.67e+08	1.23 y	42:48	-	1.06
115	Hexa	PCB-132/161	800.00	9.87e+08	1.22 y	43:02	-	1.08
116	Hexa	PCB-153	400.00	4.88e+08	1.22 y	43:12	-	1.07
117	Hexa	PCB-168	400.00	6.04e+08	1.23 y	43:25	-	1.32
118	Hexa	PCB-141	400.00	4.41e+08	1.22 y	43:56	-	1.13
119	Hexa	PCB-137	400.00	4.37e+08	1.22 y	44:19	-	1.12
120	Hexa	PCB-130	400.00	4.08e+08	1.25 y	44:25	-	1.05
121	Hexa	PCB-138/163/164	1200.00	1.61e+09	1.23 y	44:48	-	1.29
122	Hexa	PCB-158/160	800.00	1.16e+09	1.22 y	45:02	-	1.39
123	Hexa	PCB-129	400.00	3.88e+08	1.24 y	45:17	-	0.93
124	Hexa	PCB-166	400.00	5.61e+08	1.22 y	45:44	-	1.11
125	Hexa	PCB-159	400.00	6.06e+08	1.22 y	46:03	-	1.20
126	Hexa	PCB-128/162	800.00	1.03e+09	1.23 y	46:21	-	1.02
127	Hexa	PCB-167	400.00	5.87e+08	1.22 y	46:45	-	1.18
128	Hexa	PCB-156	400.00	6.12e+08	1.22 y	48:01	-	1.22
129	Hexa	PCB-157	400.00	6.13e+08	1.23 y	48:17	-	1.23
130	Hexa	PCB-169	400.00	5.72e+08	1.24 y	50:29	-	1.13
131	Hepta	PCB-188	400.00	5.06e+08	1.06 y	42:51	-	1.49
132	Hepta	PCB-184	400.00	4.63e+08	1.06 y	43:18	-	1.36
133	Hepta	PCB-179	400.00	4.76e+08	1.06 y	44:04	-	1.40
134	Hepta	PCB-176	400.00	5.04e+08	1.06 y	44:32	-	1.48
135	Hepta	PCB-186	400.00	4.99e+08	1.06 y	45:08	-	1.47
136	Hepta	PCB-178	400.00	3.67e+08	1.06 y	45:38	-	1.08
137	Hepta	PCB-175	400.00	3.71e+08	1.05 y	45:59	-	1.09
138	Hepta	PCB-182/187	800.00	8.17e+08	1.06 y	46:09	-	1.20
139	Hepta	PCB-183	400.00	4.18e+08	1.06 y	46:28	-	1.23
140	Hepta	PCB-185	400.00	3.70e+08	1.07 y	47:07	-	1.55
141	Hepta	PCB-174	400.00	3.51e+08	1.06 y	47:29	-	1.47
142	Hepta	PCB-181	400.00	3.61e+08	1.07 y	47:35	-	1.51
143	Hepta	PCB-177	400.00	3.30e+08	1.06 y	47:45	-	1.38
144	Hepta	PCB-171	400.00	3.95e+08	1.05 y	48:02	-	1.66
145	Hepta	PCB-173	400.00	3.06e+08	1.06 y	48:28	-	1.28
146	Hepta	PCB-172	400.00	3.68e+08	1.05 y	48:55	-	1.54
147	Hepta	PCB-192	400.00	4.77e+08	1.06 y	49:06	-	2.00
148	Hepta	PCB-180	400.00	3.69e+08	1.06 y	49:19	-	1.55
149	Hepta	PCB-193	400.00	4.93e+08	1.05 y	49:31	-	2.07
150	Hepta	PCB-191	400.00	5.09e+08	1.06 y	49:47	-	2.13
151	Hepta	PCB-170	400.00	3.60e+08	1.06 y	50:55	-	1.70
152	Hepta	PCB-190	400.00	4.93e+08	1.05 y	51:05	-	2.33
153	Hepta	PCB-189	400.00	4.83e+08	1.05 y	52:31	-	1.70
154	Octa	PCB-202	400.00	3.22e+08	0.90 y	48:15	-	1.07
155	Octa	PCB-201	400.00	3.54e+08	0.90 y	48:44	-	1.17
156	Octa	PCB-204	400.00	3.38e+08	0.91 y	48:53	-	1.12
157	Octa	PCB-197	400.00	3.79e+08	0.90 y	49:11	-	1.25
158	Octa	PCB-200	400.00	3.52e+08	0.90 y	50:05	-	1.17
159	Octa	PCB-198	400.00	2.49e+08	0.89 y	51:33	-	0.83
160	Octa	PCB-199	400.00	2.52e+08	0.90 y	51:40	-	0.84
161	Octa	PCB-196/203	800.00	5.57e+08	0.90 y	51:57	-	0.92
162	Octa	PCB-195	400.00	3.06e+08	0.90 y	53:11	-	1.06
163	Octa	PCB-194	400.00	3.35e+08	0.90 y	54:04	-	1.16

164	Octa	PCB-205	400.00	4.26e+08	0.90	y	54:20	-	1.48
165	Nona	PCB-208	400.00	4.12e+08	1.32	y	53:20	-	1.03
166	Nona	PCB-207	400.00	4.18e+08	1.32	y	53:39	-	1.05
167	Nona	PCB-206	400.00	2.58e+08	1.31	y	55:37	-	0.88
168	Deca	PCB-209	400.00	3.69e+08	1.19	y	56:56	-	1.31
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.03
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.11
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.17

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.16
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.08
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.29
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.21
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.05
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.10
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.47
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.03
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.23
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.00
182	Tot ╗	Total Deca-PCB	400.00	3.69e+08	1.19	y	56:56	-	1.31
183	Mono╗	13C-PCB-1	100.00	2.15e+08	3.21	y	16:01	-	1.26
184	Mono╗	13C-PCB-3	100.00	2.10e+08	3.20	y	18:39	-	1.23
185	Di-IS	13C-PCB-4	100.00	1.10e+08	1.60	y	19:60	-	0.64
186	Di-IS	13C-PCB-9	100.00	1.63e+08	1.58	y	21:48	-	0.96
187	Di-IS	13C-PCB-11	100.00	1.62e+08	1.56	y	25:12	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.07e+08	1.07	y	24:10	-	0.63
189	Tri-╗	13C-PCB-32	100.00	1.54e+08	1.10	y	27:06	-	0.90
190	Tri-╗	13C-PCB-28	100.00	1.47e+08	1.06	y	29:04	-	0.96
191	Tri-╗	13C-PCB-37	100.00	1.47e+08	1.05	y	32:56	-	0.97
192	Tetr╗	13C-PCB-54	100.00	1.49e+08	0.79	y	27:56	-	0.95
193	Tetr╗	13C-PCB-52	100.00	1.17e+08	0.80	y	31:29	-	0.75
194	Tetr╗	13C-PCB-47	100.00	1.30e+08	0.79	y	31:59	-	0.83
195	Tetr╗	13C-PCB-70	100.00	1.56e+08	0.80	y	35:30	-	1.00
196	Tetr╗	13C-PCB-80	100.00	1.55e+08	0.81	y	35:55	-	0.99
197	Tetr╗	13C-PCB-81	100.00	1.59e+08	0.80	y	39:01	-	1.02
198	Tetr╗	13C-PCB-77	100.00	1.54e+08	0.82	y	39:36	-	0.99
199	Pent╗	13C-PCB-104	100.00	9.28e+07	1.64	y	32:38	-	0.98
200	Pent╗	13C-PCB-95	100.00	7.54e+07	1.61	y	35:48	-	0.79
201	Pent╗	13C-PCB-101	100.00	7.54e+07	1.62	y	37:29	-	0.79
202	Pent╗	13C-PCB-97	100.00	6.55e+07	1.60	y	38:47	-	0.69
203	Pent╗	13C-PCB-123	100.00	8.91e+07	1.63	y	41:20	-	0.94
204	Pent╗	13C-PCB-118	100.00	9.60e+07	1.63	y	41:31	-	1.01
205	Pent╗	13C-PCB-114	100.00	1.09e+08	1.60	y	42:10	-	1.19
206	Pent╗	13C-PCB-105	100.00	1.08e+08	1.61	y	43:02	-	1.19
207	Pent╗	13C-PCB-127	100.00	1.14e+08	1.60	y	43:22	-	1.25
208	Pent╗	13C-PCB-126	100.00	1.07e+08	1.61	y	45:16	-	1.18
209	Hexa╗	13C-PCB-155	100.00	7.06e+07	1.27	y	37:02	-	0.74
210	Hexa╗	13C-PCB-153	100.00	1.14e+08	1.26	y	43:12	-	1.25
211	Hexa╗	13C-PCB-141	100.00	9.75e+07	1.28	y	43:56	-	1.07
212	Hexa	13C-PCB-138	100.00	1.04e+08	1.24	y	44:46	-	1.14
213	Hexa╗	13C-PCB-159	100.00	1.26e+08	1.28	y	46:03	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.25e+08	1.28	y	46:44	-	1.37
215	Hexa╗	13C-PCB-156	100.00	1.26e+08	1.28	y	48:01	-	1.38
216	Hexa╗	13C-PCB-157	100.00	1.25e+08	1.26	y	48:17	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.27e+08	1.25	y	50:29	-	1.39
218	Hept╗	13C-PCB-188	100.00	8.49e+07	0.45	y	42:49	-	1.35
219	Hept╗	13C-PCB-180	100.00	5.96e+07	0.45	y	49:18	-	0.94
220	Hept╗	13C-PCB-170	100.00	5.29e+07	0.46	y	50:53	-	0.84
221	Hept╗	13C-PCB-189	100.00	7.09e+07	0.46	y	52:30	-	1.12
222	Octa╗	13C-PCB-202	100.00	7.55e+07	0.92	y	48:14	-	1.20

223	Octa╗	13C-PCB-194	100.00	7.21e+07	0.91 y	54:03	-	0.77
224	Nona╗	13C-PCB-208	100.00	9.99e+07	0.78 y	53:19	-	1.06
225	Nona╗	13C-PCB-206	100.00	7.30e+07	0.77 y	55:36	-	0.78
226	Deca╗	13C-PCB-209	100.00	7.04e+07	1.21 y	56:55	-	0.75
227	DI-RS	13C-PCB-15	100.00	1.71e+08	1.58 y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.53e+08	1.06 y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.57e+08	0.79 y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	9.51e+07	1.62 y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	9.12e+07	1.25 y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	6.31e+07	0.46 y	46:09	-	1.00

233	Octa╗	13C-PCB-205	100.00	9.40e+07	0.92	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	1.60e+08	0.79	y	37:48	-	1.02
235	CRS	13C-PCB-178	100.00	5.59e+07	0.46	y	45:37	-	0.89
236	PS	13C-PCB-79	100.00	1.60e+08	0.79	y	37:48	-	1.01
237	PS	13C-PCB-178	100.00	5.59e+07	0.46	y	45:37	-	0.94

Filename: 171027E1 S: 6 Acquired: 27-OCT-17 15:53:06
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-6 PCB CS5 17C0313

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1000.00	2.17e+09	3.00 y	16:03	-	1.05
2	Mono	PCB-2	1000.00	2.20e+09	3.03 y	18:27	-	1.04
3	Mono	PCB-3	1000.00	2.18e+09	3.01 y	18:41	-	1.03
4	Di	PCB-4/10	2000.00	2.91e+09	1.56 y	20:04	-	1.30
5	Di	PCB-7/9	2000.00	3.63e+09	1.56 y	21:51	-	1.05
6	Di	PCB-6	1000.00	1.78e+09	1.57 y	22:30	-	1.03
7	Di	PCB-5/8	2000.00	3.70e+09	1.56 y	22:55	-	1.07
8	Di	PCB-14	1000.00	2.20e+09	1.57 y	24:01	-	1.26
9	Di	PCB-11	1000.00	1.88e+09	1.58 y	25:13	-	1.08
10	Di	PCB-12/13	2000.00	3.82e+09	1.56 y	25:36	-	1.09
11	Di	PCB-15	1000.00	2.10e+09	1.54 y	25:55	-	1.21
12	Tri	PCB-19	1000.00	1.26e+09	1.05 y	24:12	-	1.16
13	Tri	PCB-30	1000.00	2.05e+09	1.06 y	25:05	-	1.88
14	Tri	PCB-18	1000.00	1.41e+09	1.05 y	25:51	-	0.87
15	Tri	PCB-17	1000.00	1.54e+09	1.05 y	26:01	-	0.95
16	Tri	PCB-24/27	2000.00	4.08e+09	1.05 y	26:36	-	1.26
17	Tri	PCB-16/32	2000.00	3.32e+09	1.05 y	27:06	-	1.02
18	Tri	PCB-34	1000.00	1.76e+09	1.05 y	27:54	-	1.10
19	Tri	PCB-23	1000.00	1.82e+09	1.07 y	28:00	-	1.13
20	Tri	PCB-29	1000.00	1.84e+09	1.05 y	28:14	-	1.14
21	Tri	PCB-26	1000.00	1.83e+09	1.05 y	28:27	-	1.14
22	Tri	PCB-25	1000.00	1.70e+09	1.06 y	28:37	-	1.06
23	Tri	PCB-31	1000.00	1.94e+09	1.05 y	28:59	-	1.21
24	Tri	PCB-28	1000.00	1.80e+09	1.07 y	29:04	-	1.12
25	Tri	PCB-20/21/33	3000.00	5.52e+09	1.05 y	29:42	-	1.15
26	Tri	PCB-22	1000.00	1.77e+09	1.06 y	30:08	-	1.10
27	Tri	PCB-36	1000.00	1.87e+09	1.06 y	30:46	-	1.14
28	Tri	PCB-39	1000.00	1.95e+09	1.05 y	31:13	-	1.19
29	Tri	PCB-38	1000.00	1.77e+09	1.06 y	31:59	-	1.08
30	Tri	PCB-35	1000.00	1.86e+09	1.06 y	32:31	-	1.13
31	Tri	PCB-37	1000.00	2.03e+09	1.05 y	32:57	-	1.23
32	Tetra	PCB-54	1000.00	1.59e+09	0.78 y	27:57	-	1.02
33	Tetra	PCB-50	1000.00	1.32e+09	0.78 y	29:08	-	0.85
34	Tetra	PCB-53	1000.00	1.34e+09	0.78 y	29:46	-	1.05
35	Tetra	PCB-51	1000.00	1.37e+09	0.77 y	30:07	-	1.07
36	Tetra	PCB-45	1000.00	1.21e+09	0.78 y	30:33	-	0.95
37	Tetra	PCB-46	1000.00	1.15e+09	0.78 y	31:02	-	0.90
38	Tetra	PCB-52/69	2000.00	3.24e+09	0.77 y	31:31	-	1.27
39	Tetra	PCB-73	1000.00	1.63e+09	0.80 y	31:39	-	1.28
40	Tetra	PCB-43/49	2000.00	2.83e+09	0.77 y	31:48	-	1.11
41	Tetra	PCB-47	1000.00	1.41e+09	0.76 y	32:00	-	0.99

42	Tetra	PCB-48/75	2000.00	3.50e+09	0.78	y	32:07	-	1.22
43	Tetra	PCB-65	1000.00	1.60e+09	0.88	y	32:23	-	1.12
44	Tetra	PCB-62	1000.00	1.70e+09	0.69	y	32:30	-	1.19
45	Tetra	PCB-44	1000.00	1.17e+09	0.78	y	32:48	-	0.82
46	Tetra	PCB-42/59	2000.00	3.23e+09	0.78	y	33:02	-	1.13
47	Tetra	PCB-41/64/71/72	4000.00	6.94e+09	0.78	y	33:37	-	1.22
48	Tetra	PCB-68	1000.00	1.98e+09	0.78	y	33:52	-	1.39
49	Tetra	PCB-40	1000.00	1.08e+09	0.78	y	34:05	-	0.76
50	Tetra	PCB-57	1000.00	1.86e+09	0.78	y	34:27	-	1.08
51	Tetra	PCB-67	1000.00	1.85e+09	0.77	y	34:45	-	1.07
52	Tetra	PCB-58	1000.00	1.93e+09	0.78	y	34:52	-	1.12

53	Tetra	PCB-63	1000.00	1.98e+09	0.78 y	35:01	-	1.15
54	Tetra	PCB-74	1000.00	2.00e+09	0.77 y	35:18	-	1.16
55	Tetra	PCB-61/70	2000.00	3.64e+09	0.78 y	35:29	-	1.06
56	Tetra	PCB-76/66	2000.00	3.93e+09	0.78 y	35:42	-	1.14
57	Tetra	PCB-80	1000.00	2.24e+09	0.78 y	35:57	-	1.26
58	Tetra	PCB-55	1000.00	2.06e+09	0.78 y	36:15	-	1.16
59	Tetra	PCB-56/60	2000.00	3.83e+09	0.78 y	36:45	-	1.08
60	Tetra	PCB-79	1000.00	2.05e+09	0.78 y	37:49	-	1.16
61	Tetra	PCB-78	1000.00	1.95e+09	0.78 y	38:30	-	1.06
62	Tetra	PCB-81	1000.00	2.14e+09	0.77 y	39:02	-	1.16
63	Tetra	PCB-77	1000.00	2.07e+09	0.79 y	39:37	-	1.20
64	Penta	PCB-104	1000.00	1.27e+09	1.60 y	32:39	-	1.29
65	Penta	PCB-96	1000.00	1.13e+09	1.60 y	33:54	-	1.15
66	Penta	PCB-103	1000.00	1.07e+09	1.61 y	34:27	-	1.08
67	Penta	PCB-100	1000.00	1.09e+09	1.60 y	34:49	-	1.11
68	Penta	PCB-94	1000.00	9.00e+08	1.59 y	35:17	-	1.09
69	Penta	PCB-95/98/102	3000.00	3.09e+09	1.59 y	35:46	-	1.25
70	Penta	PCB-93	1000.00	8.12e+08	1.62 y	35:54	-	0.98
71	Penta	PCB-88/91	2000.00	1.78e+09	1.58 y	36:11	-	1.07
72	Penta	PCB-121	1000.00	1.48e+09	1.61 y	36:17	-	1.79
73	Penta	PCB-84/92	2000.00	1.91e+09	1.60 y	37:07	-	1.12
74	Penta	PCB-89	1000.00	8.92e+08	1.59 y	37:18	-	1.05
75	Penta	PCB-90/101	2000.00	2.14e+09	1.60 y	37:29	-	1.26
76	Penta	PCB-113	1000.00	1.18e+09	1.58 y	37:44	-	1.39
77	Penta	PCB-99	1000.00	1.13e+09	1.61 y	37:49	-	1.33
78	Penta	PCB-119	1000.00	1.48e+09	1.59 y	38:17	-	2.00
79	Penta	PCB-108/112	2000.00	2.13e+09	1.59 y	38:26	-	1.44
80	Penta	PCB-83	1000.00	1.32e+09	1.60 y	38:36	-	1.78
81	Penta	PCB-97	1000.00	1.01e+09	1.58 y	38:47	-	1.36
82	Penta	PCB-86	1000.00	8.78e+08	1.61 y	38:57	-	1.19
83	Penta	PCB-87/117/125	3000.00	3.64e+09	1.59 y	39:04	-	1.64
84	Penta	PCB-111/115	2000.00	2.84e+09	1.58 y	39:14	-	1.92
85	Penta	PCB-85/116	2000.00	2.16e+09	1.62 y	39:20	-	1.46
86	Penta	PCB-120	1000.00	1.52e+09	1.58 y	39:36	-	2.05
87	Penta	PCB-110	1000.00	1.24e+09	1.59 y	39:44	-	1.68
88	Penta	PCB-82	1000.00	7.90e+08	1.58 y	40:22	-	0.78
89	Penta	PCB-124	1000.00	1.32e+09	1.58 y	41:03	-	1.30
90	Penta	PCB-107/109	2000.00	2.90e+09	1.61 y	41:11	-	1.43
91	Penta	PCB-123	1000.00	1.34e+09	1.60 y	41:21	-	1.32
92	Penta	PCB-106/118	2000.00	2.92e+09	1.59 y	41:33	-	1.31
93	Penta	PCB-114	1000.00	1.57e+09	1.55 y	42:11	-	1.28
94	Penta	PCB-122	1000.00	1.38e+09	1.58 y	42:19	-	1.12
95	Penta	PCB-105	1000.00	1.64e+09	1.56 y	43:03	-	1.33
96	Penta	PCB-127	1000.00	1.48e+09	1.57 y	43:23	-	1.11
97	Penta	PCB-126	1000.00	1.53e+09	1.57 y	45:16	-	1.23
98	Hexa	PCB-155	1000.00	1.01e+09	1.28 y	37:03	-	1.28
99	Hexa	PCB-150	1000.00	9.89e+08	1.28 y	38:19	-	1.25
100	Hexa	PCB-152	1000.00	9.78e+08	1.29 y	38:47	-	1.24
101	Hexa	PCB-145	1000.00	9.58e+08	1.28 y	39:14	-	1.21
102	Hexa	PCB-136	1000.00	9.50e+08	1.28 y	39:33	-	1.20

103	Hexa	PCB-148	1000.00	7.36e+08	1.29	y	39:40	-	0.93
104	Hexa	PCB-154	1000.00	7.68e+08	1.28	y	40:09	-	0.97
105	Hexa	PCB-151	1000.00	7.34e+08	1.28	y	40:47	-	0.93
106	Hexa	PCB-135	1000.00	7.68e+08	1.27	y	41:00	-	0.97
107	Hexa	PCB-144	1000.00	7.56e+08	1.29	y	41:07	-	0.96
108	Hexa	PCB-147	1000.00	7.05e+08	1.28	y	41:14	-	0.89
109	Hexa	PCB-139/149	2000.00	1.62e+09	1.29	y	41:30	-	1.03
110	Hexa	PCB-140	1000.00	7.12e+08	1.25	y	41:41	-	0.90
111	Hexa	PCB-134/143	2000.00	2.26e+09	1.22	y	42:08	-	0.87
112	Hexa	PCB-131/133	2000.00	2.30e+09	1.22	y	42:25	-	0.88
113	Hexa	PCB-142	1000.00	1.03e+09	1.22	y	42:34	-	0.79

114	Hexa	PCB-146/165	2000.00	2.77e+09	1.22 y	42:48	-	1.06
115	Hexa	PCB-132/161	2000.00	2.77e+09	1.22 y	43:02	-	1.06
116	Hexa	PCB-153	1000.00	1.39e+09	1.24 y	43:12	-	1.07
117	Hexa	PCB-168	1000.00	1.72e+09	1.22 y	43:25	-	1.32
118	Hexa	PCB-141	1000.00	1.25e+09	1.23 y	43:56	-	1.12
119	Hexa	PCB-137	1000.00	1.26e+09	1.22 y	44:19	-	1.13
120	Hexa	PCB-130	1000.00	1.17e+09	1.23 y	44:25	-	1.05
121	Hexa	PCB-138/163/164	3000.00	4.65e+09	1.24 y	44:48	-	1.31
122	Hexa	PCB-158/160	2000.00	3.32e+09	1.23 y	45:03	-	1.41
123	Hexa	PCB-129	1000.00	1.11e+09	1.22 y	45:17	-	0.94
124	Hexa	PCB-166	1000.00	1.64e+09	1.24 y	45:44	-	1.12
125	Hexa	PCB-159	1000.00	1.75e+09	1.23 y	46:05	-	1.20
126	Hexa	PCB-128/162	2000.00	2.98e+09	1.23 y	46:21	-	1.02
127	Hexa	PCB-167	1000.00	1.70e+09	1.23 y	46:45	-	1.18
128	Hexa	PCB-156	1000.00	1.80e+09	1.23 y	48:01	-	1.23
129	Hexa	PCB-157	1000.00	1.80e+09	1.23 y	48:18	-	1.23
130	Hexa	PCB-169	1000.00	1.68e+09	1.24 y	50:29	-	1.13
131	Hepta	PCB-188	1000.00	1.44e+09	1.06 y	42:51	-	1.48
132	Hepta	PCB-184	1000.00	1.29e+09	1.06 y	43:18	-	1.33
133	Hepta	PCB-179	1000.00	1.33e+09	1.07 y	44:04	-	1.37
134	Hepta	PCB-176	1000.00	1.41e+09	1.06 y	44:32	-	1.45
135	Hepta	PCB-186	1000.00	1.40e+09	1.06 y	45:08	-	1.45
136	Hepta	PCB-178	1000.00	1.04e+09	1.06 y	45:38	-	1.07
137	Hepta	PCB-175	1000.00	1.03e+09	1.06 y	45:59	-	1.07
138	Hepta	PCB-182/187	2000.00	2.27e+09	1.06 y	46:09	-	1.17
139	Hepta	PCB-183	1000.00	1.20e+09	1.06 y	46:28	-	1.24
140	Hepta	PCB-185	1000.00	1.03e+09	1.06 y	47:07	-	1.53
141	Hepta	PCB-174	1000.00	9.87e+08	1.05 y	47:29	-	1.46
142	Hepta	PCB-181	1000.00	1.03e+09	1.08 y	47:36	-	1.53
143	Hepta	PCB-177	1000.00	9.26e+08	1.06 y	47:45	-	1.37
144	Hepta	PCB-171	1000.00	1.09e+09	1.06 y	48:03	-	1.61
145	Hepta	PCB-173	1000.00	8.84e+08	1.06 y	48:28	-	1.31
146	Hepta	PCB-172	1000.00	1.06e+09	1.06 y	48:55	-	1.56
147	Hepta	PCB-192	1000.00	1.31e+09	1.06 y	49:07	-	1.94
148	Hepta	PCB-180	1000.00	1.05e+09	1.07 y	49:20	-	1.55
149	Hepta	PCB-193	1000.00	1.39e+09	1.06 y	49:32	-	2.05
150	Hepta	PCB-191	1000.00	1.43e+09	1.07 y	49:47	-	2.12
151	Hepta	PCB-170	1000.00	1.02e+09	1.06 y	50:55	-	1.71
152	Hepta	PCB-190	1000.00	1.41e+09	1.05 y	51:06	-	2.36
153	Hepta	PCB-189	1000.00	1.40e+09	1.06 y	52:32	-	1.71
154	Octa	PCB-202	1000.00	9.08e+08	0.90 y	48:15	-	1.05
155	Octa	PCB-201	1000.00	1.00e+09	0.90 y	48:44	-	1.16
156	Octa	PCB-204	1000.00	9.77e+08	0.90 y	48:53	-	1.13
157	Octa	PCB-197	1000.00	1.06e+09	0.90 y	49:12	-	1.23
158	Octa	PCB-200	1000.00	9.59e+08	0.90 y	50:06	-	1.11
159	Octa	PCB-198	1000.00	7.37e+08	0.90 y	51:34	-	0.85
160	Octa	PCB-199	1000.00	6.88e+08	0.91 y	51:41	-	0.80
161	Octa	PCB-196/203	2000.00	1.64e+09	0.90 y	51:58	-	0.95
162	Octa	PCB-195	1000.00	8.92e+08	0.90 y	53:12	-	1.05
163	Octa	PCB-194	1000.00	9.89e+08	0.90 y	54:05	-	1.16

164	Octa	PCB-205	1000.00	1.26e+09	0.90	y	54:21	-	1.48
165	Nona	PCB-208	1000.00	1.20e+09	1.32	y	53:21	-	1.02
166	Nona	PCB-207	1000.00	1.23e+09	1.32	y	53:40	-	1.05
167	Nona	PCB-206	1000.00	7.68e+08	1.32	y	55:39	-	0.88
168	Deca	PCB-209	1000.00	1.07e+09	1.18	y	56:58	-	1.31
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.04
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.11
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.18

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.14
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.10
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.29
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.21
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.06
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.10
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.45
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.03
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.23
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.99
182	Tot ╗	Total Deca-PCB	1000.00	1.07e+09	1.18	y	56:58	-	1.31
183	Mono╗	13C-PCB-1	100.00	2.07e+08	3.21	y	16:02	-	1.11
184	Mono╗	13C-PCB-3	100.00	2.12e+08	3.18	y	18:40	-	1.13
185	Di-IS	13C-PCB-4	100.00	1.12e+08	1.59	y	20:00	-	0.60
186	Di-IS	13C-PCB-9	100.00	1.73e+08	1.57	y	21:49	-	0.93
187	Di-IS	13C-PCB-11	100.00	1.74e+08	1.56	y	25:12	-	0.94
188	Tri-╗	13C-PCB-19	100.00	1.09e+08	1.06	y	24:10	-	0.58
189	Tri-╗	13C-PCB-32	100.00	1.62e+08	1.06	y	27:06	-	0.87
190	Tri-╗	13C-PCB-28	100.00	1.61e+08	1.04	y	29:04	-	0.97
191	Tri-╗	13C-PCB-37	100.00	1.64e+08	1.06	y	32:56	-	0.99
192	Tetr╗	13C-PCB-54	100.00	1.56e+08	0.80	y	27:56	-	0.89
193	Tetr╗	13C-PCB-52	100.00	1.27e+08	0.80	y	31:29	-	0.72
194	Tetr╗	13C-PCB-47	100.00	1.43e+08	0.80	y	31:59	-	0.81
195	Tetr╗	13C-PCB-70	100.00	1.72e+08	0.81	y	35:30	-	0.98
196	Tetr╗	13C-PCB-80	100.00	1.78e+08	0.79	y	35:56	-	1.01
197	Tetr╗	13C-PCB-81	100.00	1.85e+08	0.81	y	39:01	-	1.05
198	Tetr╗	13C-PCB-77	100.00	1.73e+08	0.81	y	39:36	-	0.98
199	Pent╗	13C-PCB-104	100.00	9.85e+07	1.57	y	32:38	-	0.92
200	Pent╗	13C-PCB-95	100.00	8.27e+07	1.63	y	35:48	-	0.77
201	Pent╗	13C-PCB-101	100.00	8.49e+07	1.60	y	37:29	-	0.79
202	Pent╗	13C-PCB-97	100.00	7.40e+07	1.58	y	38:47	-	0.69
203	Pent╗	13C-PCB-123	100.00	1.02e+08	1.61	y	41:20	-	0.95
204	Pent╗	13C-PCB-118	100.00	1.11e+08	1.62	y	41:31	-	1.04
205	Pent╗	13C-PCB-114	100.00	1.23e+08	1.60	y	42:10	-	1.18
206	Pent╗	13C-PCB-105	100.00	1.23e+08	1.60	y	43:02	-	1.17
207	Pent╗	13C-PCB-127	100.00	1.33e+08	1.61	y	43:22	-	1.27
208	Pent╗	13C-PCB-126	100.00	1.25e+08	1.60	y	45:16	-	1.19
209	Hexa╗	13C-PCB-155	100.00	7.89e+07	1.29	y	37:02	-	0.73
210	Hexa╗	13C-PCB-153	100.00	1.30e+08	1.24	y	43:12	-	1.25
211	Hexa╗	13C-PCB-141	100.00	1.12e+08	1.27	y	43:56	-	1.07
212	Hexa	13C-PCB-138	100.00	1.18e+08	1.28	y	44:46	-	1.13
213	Hexa╗	13C-PCB-159	100.00	1.46e+08	1.28	y	46:03	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.45e+08	1.27	y	46:44	-	1.38
215	Hexa╗	13C-PCB-156	100.00	1.47e+08	1.28	y	48:01	-	1.40
216	Hexa╗	13C-PCB-157	100.00	1.47e+08	1.26	y	48:17	-	1.40
217	Hexa╗	13C-PCB-169	100.00	1.48e+08	1.26	y	50:29	-	1.42
218	Hept╗	13C-PCB-188	100.00	9.69e+07	0.47	y	42:49	-	1.37
219	Hept╗	13C-PCB-180	100.00	6.77e+07	0.46	y	49:18	-	0.96
220	Hept╗	13C-PCB-170	100.00	5.97e+07	0.47	y	50:54	-	0.84
221	Hept╗	13C-PCB-189	100.00	8.24e+07	0.46	y	52:31	-	1.16
222	Octa╗	13C-PCB-202	100.00	8.63e+07	0.91	y	48:14	-	1.22

223	Octa╗	13C-PCB-194	100.00	8.49e+07	0.93	y	54:05	-	0.75
224	Nona╗	13C-PCB-208	100.00	1.17e+08	0.77	y	53:20	-	1.04
225	Nona╗	13C-PCB-206	100.00	8.74e+07	0.78	y	55:38	-	0.78
226	Deca╗	13C-PCB-209	100.00	8.15e+07	1.21	y	56:57	-	0.72
227	DI-RS	13C-PCB-15	100.00	1.87e+08	1.56	y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.66e+08	1.06	y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.76e+08	0.81	y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	1.07e+08	1.61	y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.04e+08	1.27	y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	7.09e+07	0.46	y	46:09	-	1.00

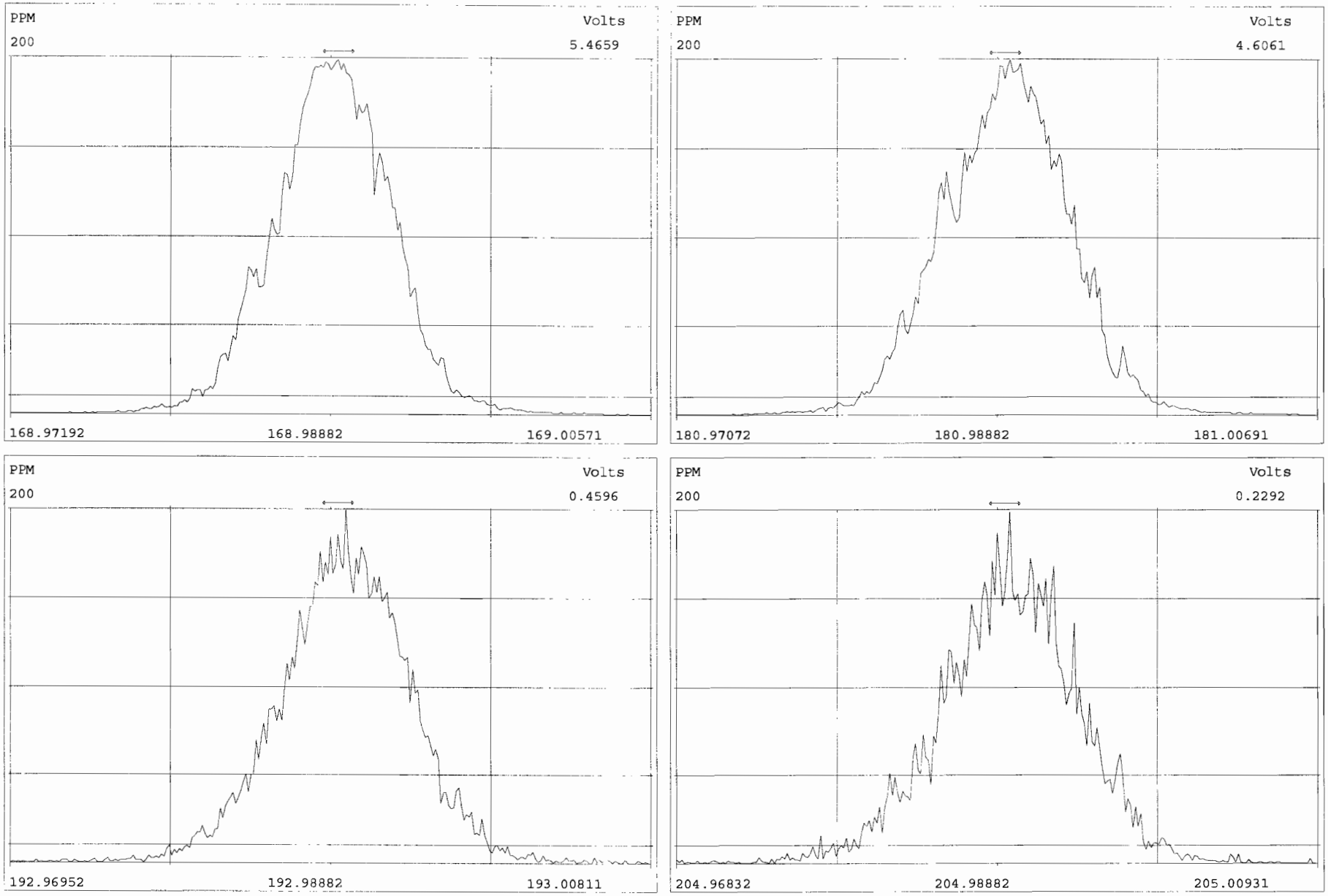
233	Octa[illegible]	13C-PCB-205	100.00	1.13e+08	0.92 y	54:21	-	1.00
234	CRS	13C-PCB-79	100.00	1.80e+08	0.79 y	37:48	-	1.02
235	CRS	13C-PCB-178	100.00	6.19e+07	0.47 y	45:37	-	0.87
236	PS	13C-PCB-79	100.00	1.80e+08	0.79 y	37:48	-	0.97
237	PS	13C-PCB-178	100.00	6.19e+07	0.47 y	45:37	-	0.91

Vista Analytical Laboratory - Injection Log Run file: 171027E1 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
171027E1	1	ST171027E1-1	MAS	27-OCT-17	10:27:40	NA	NA
171027E1	2	ST171027E1-2	MAS	27-OCT-17	11:32:43	NA	NA
171027E1	3	ST171027E1-3	MAS	27-OCT-17	12:37:50	NA	NA
171027E1	4	ST171027E1-4	MAS	27-OCT-17	13:42:55	NA	NA
171027E1	5	ST171027E1-5	MAS	27-OCT-17	14:47:57	NA	NA
171027E1	6	ST171027E1-6	MAS	27-OCT-17	15:53:06	NA	NA
171027E1	7	SOLVENT BLANK	MAS	27-OCT-17	16:58:09	NA	NA
171027E1	8	SS171027E1-1	MAS	27-OCT-17	18:03:11	NA	NA

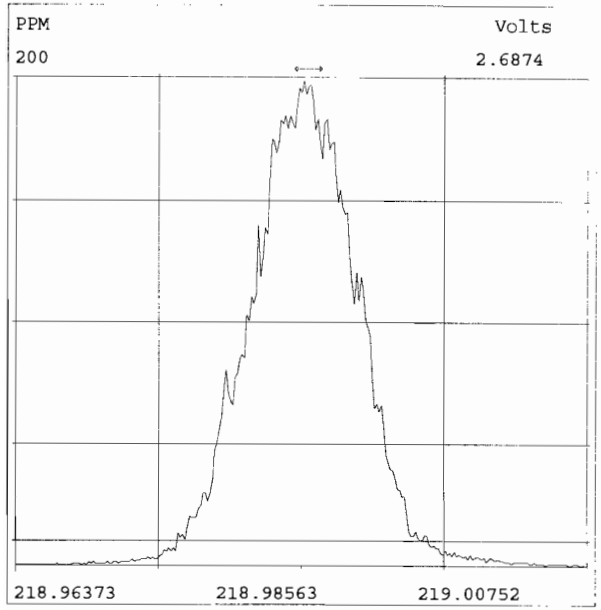
Peak Locate Examination:27-OCT-2017:10:25 File:171027E1

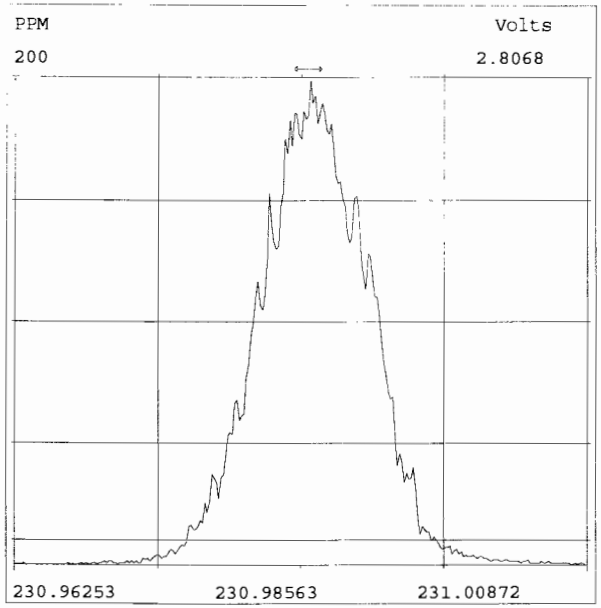
Experiment:PCB_ZB1 Function:1 Reference:PFK

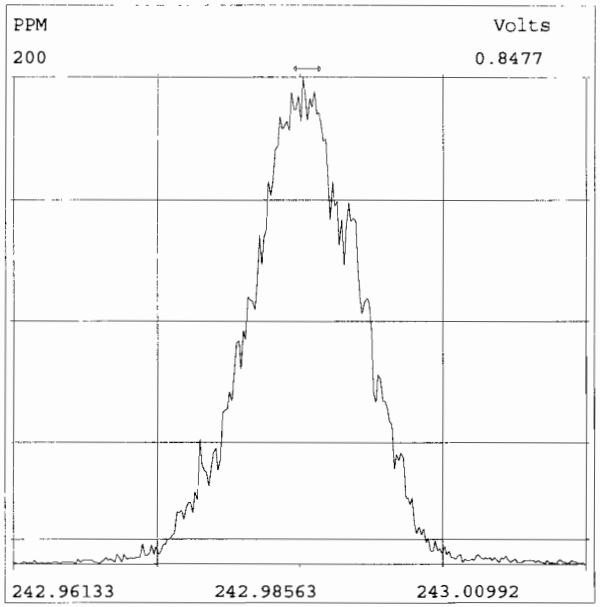


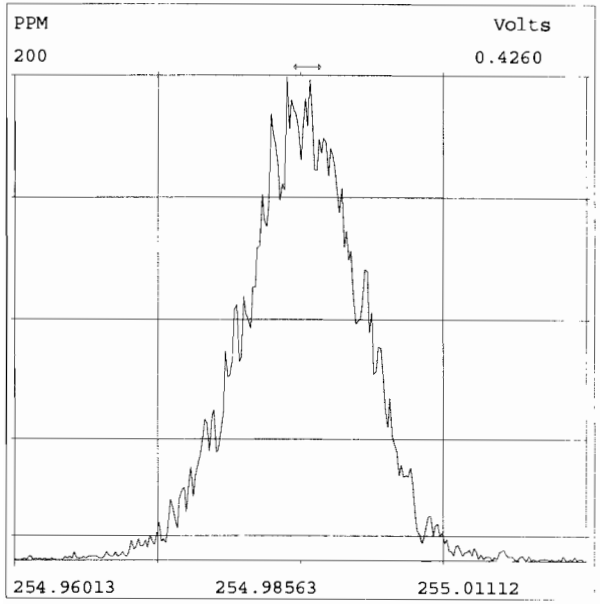
Peak Locate Examination:27-OCT-2017:10:25 File:171027E1

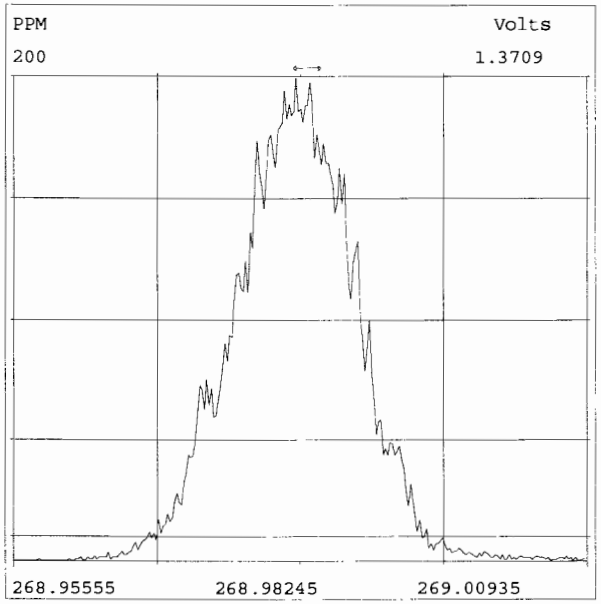
Experiment:PCB_ZB1 Function:2 Reference:PFK

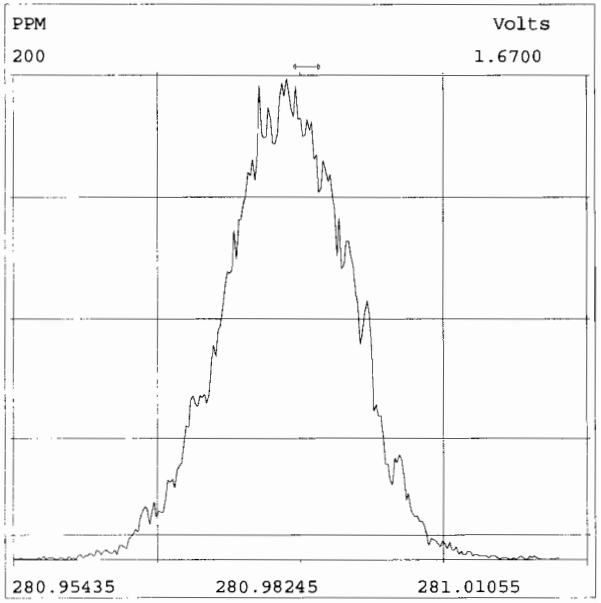






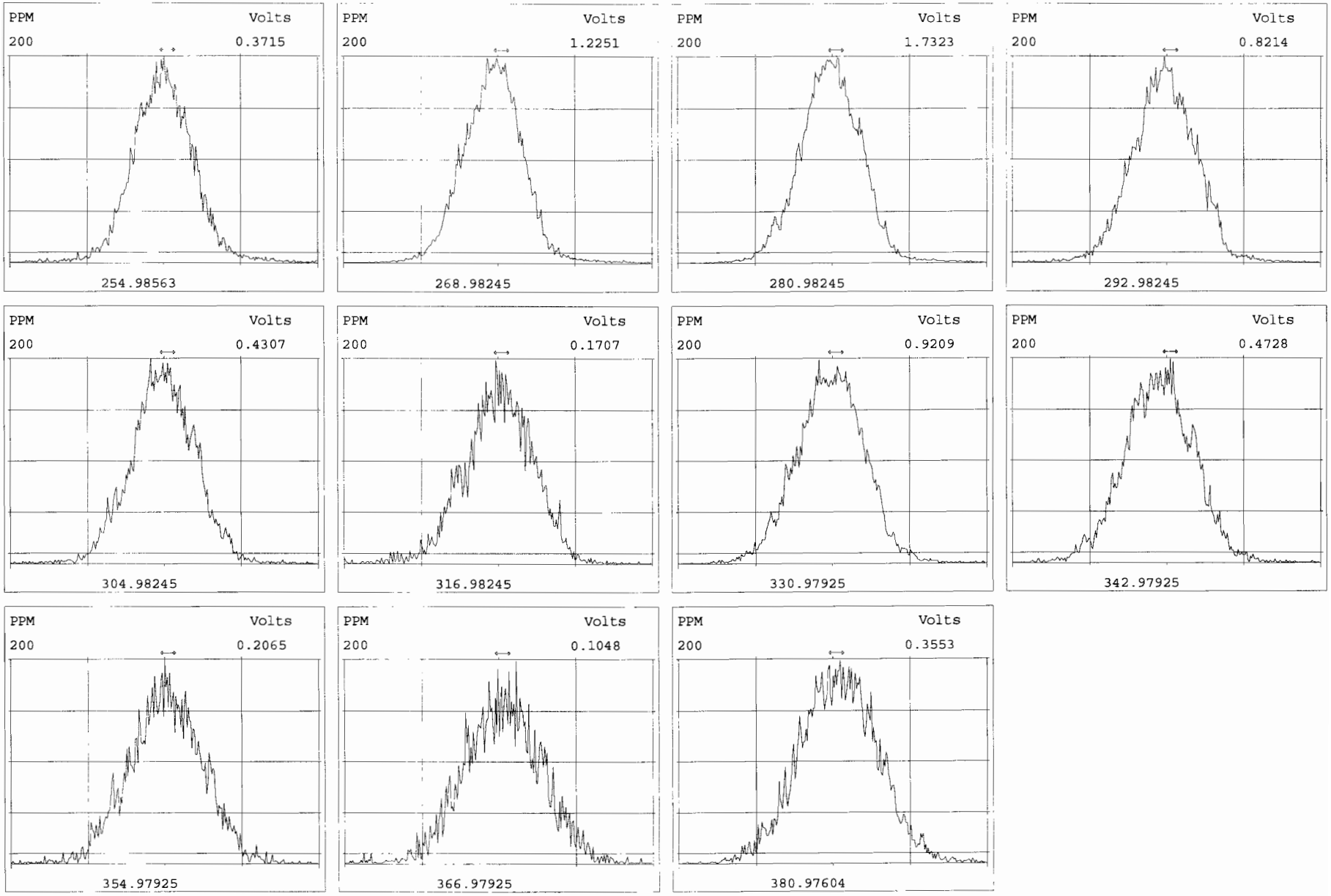






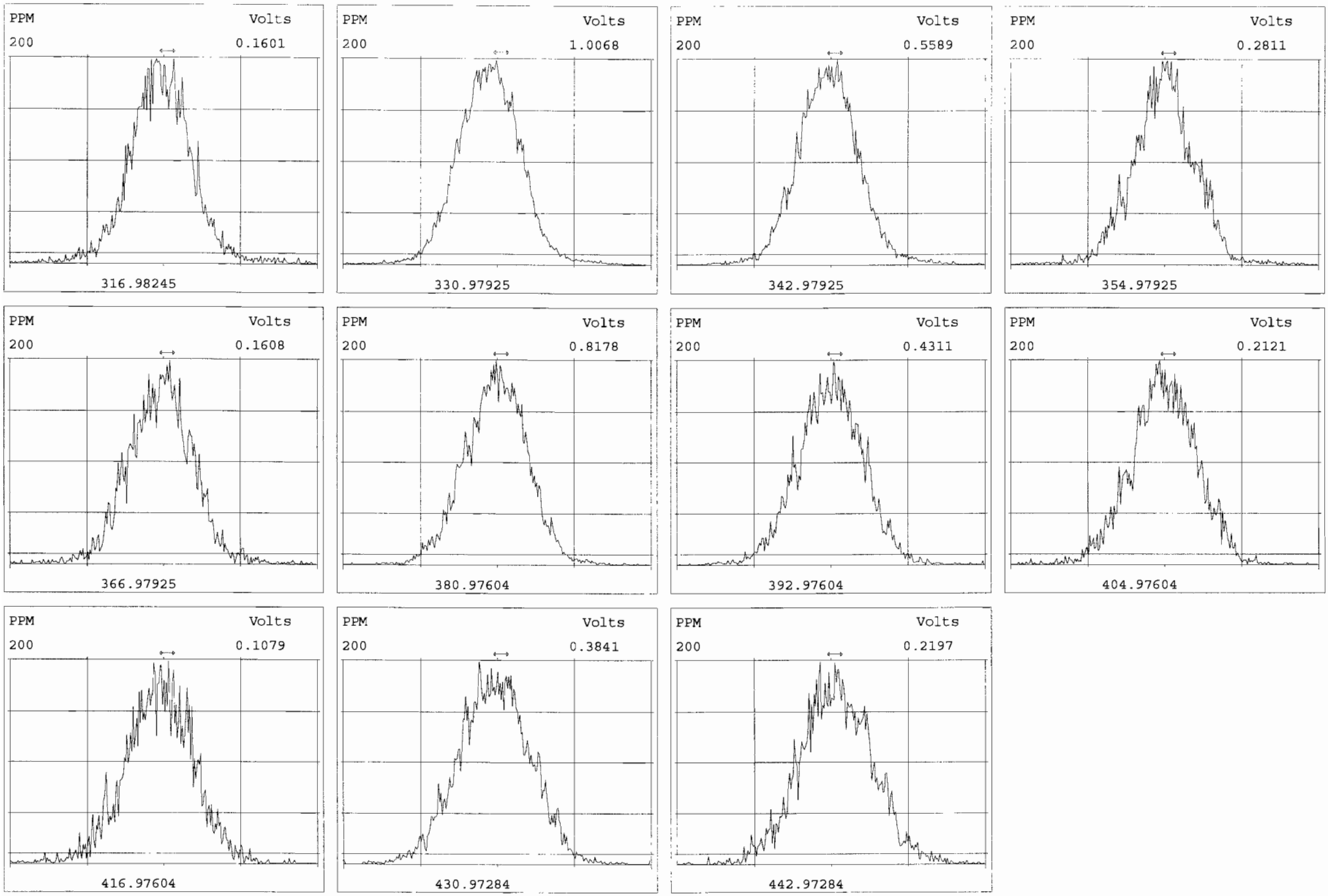
Peak Locate Examination:27-OCT-2017:10:26 File:171027E1

Experiment:PCB_ZB1 Function:3 Reference:PFK



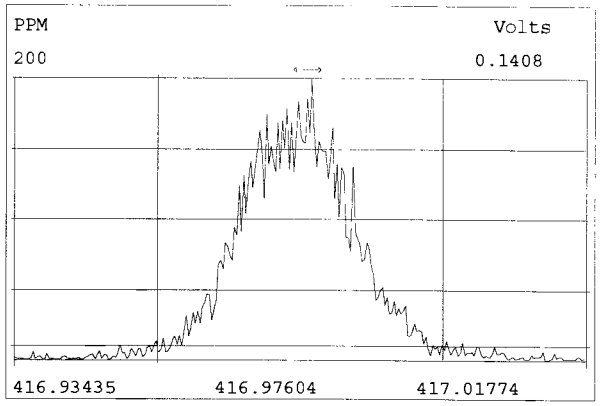
Peak Locate Examination:27-OCT-2017:10:27 File:171027E1

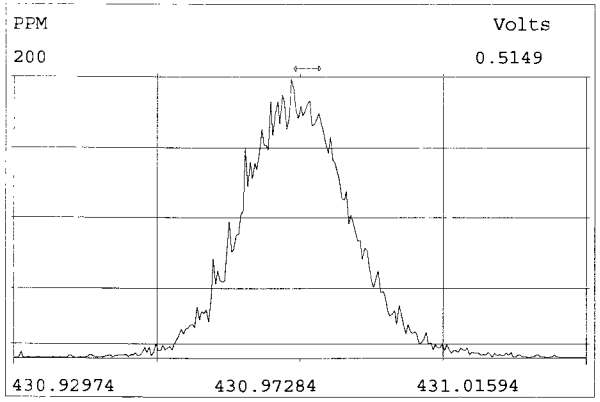
Experiment:PCB_ZB1 Function:4 Reference:PFK

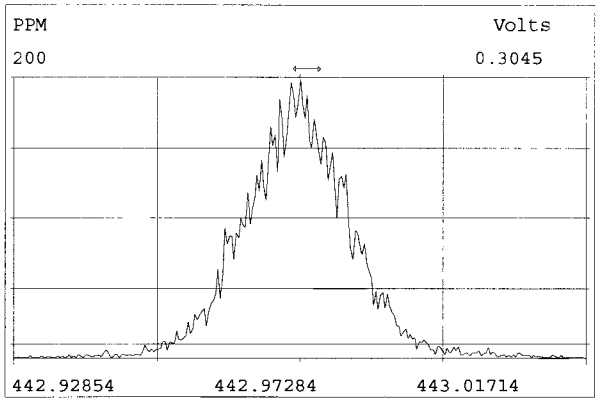


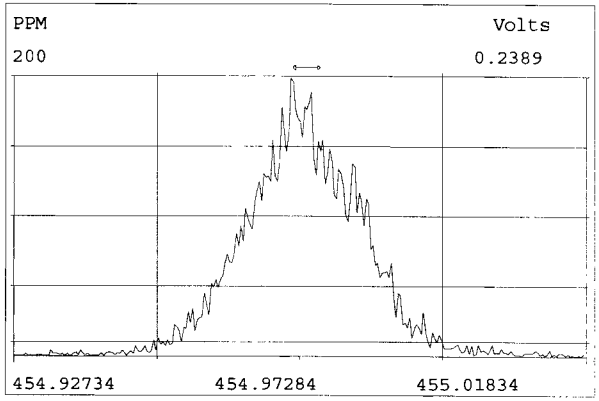
Peak Locate Examination:27-OCT-2017:10:27 File:171027E1

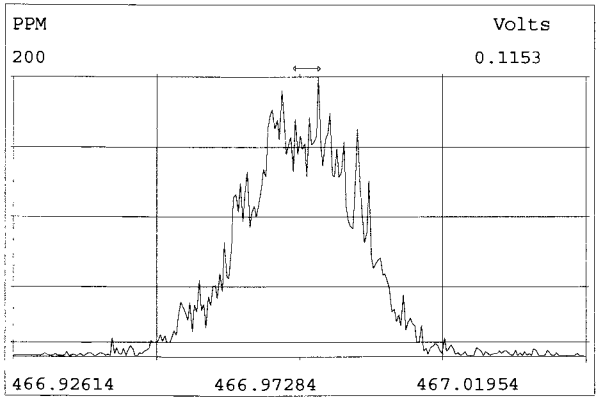
Experiment:PCB_ZB1 Function:5 Reference:PFK

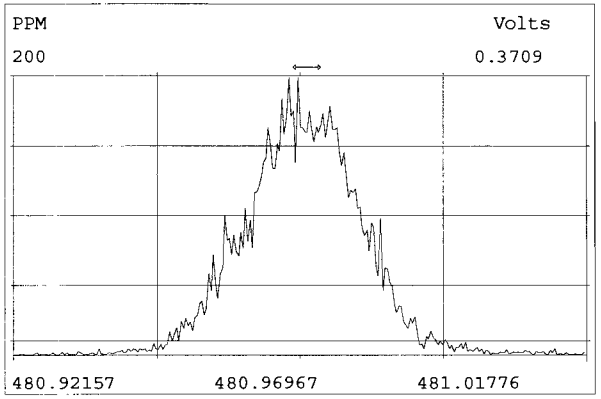


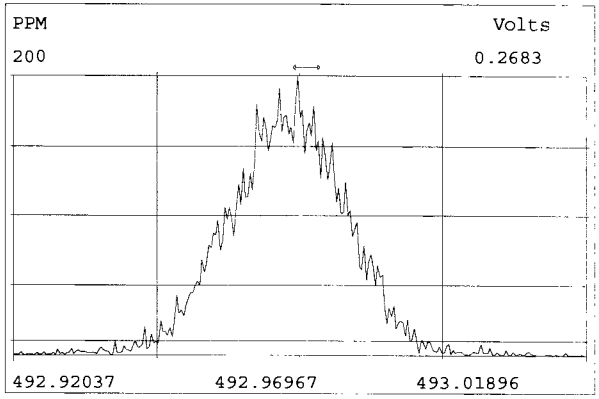


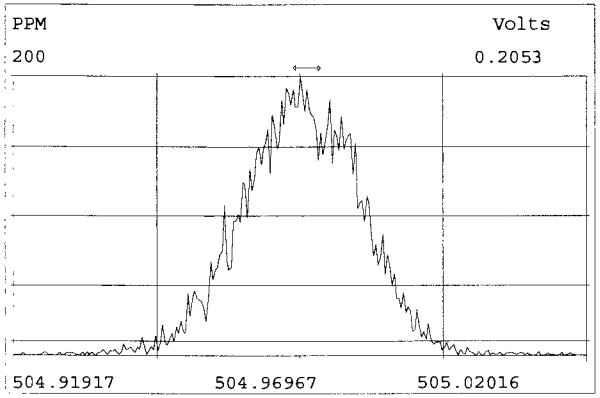


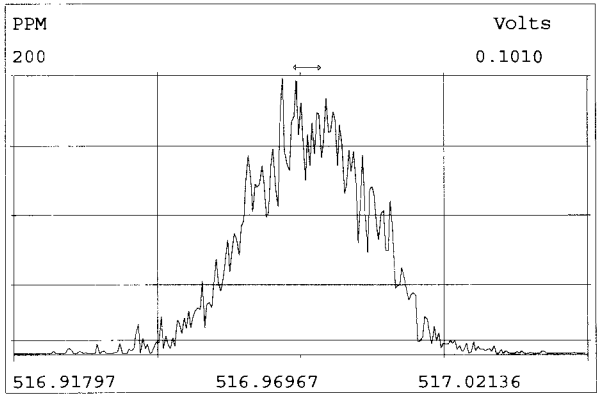




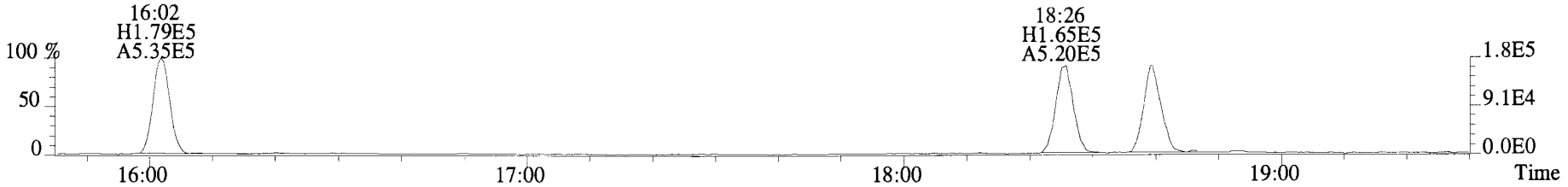




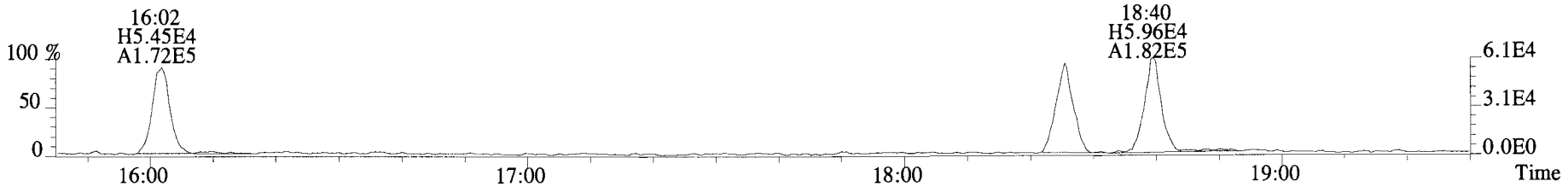




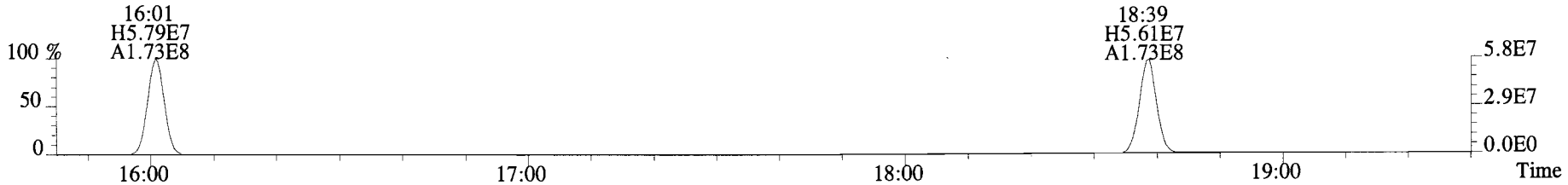
File:171027E1 #1-867 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



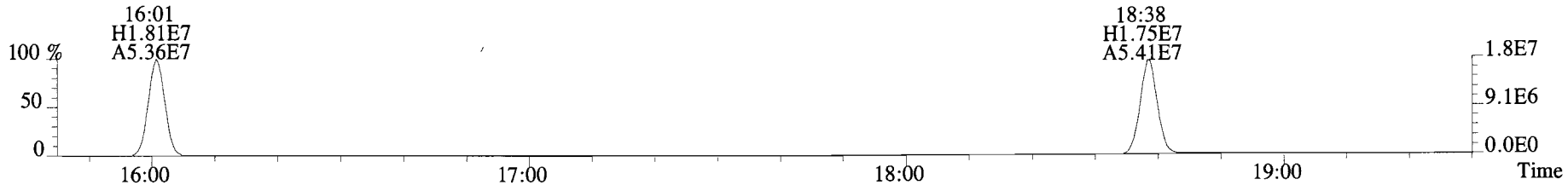
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



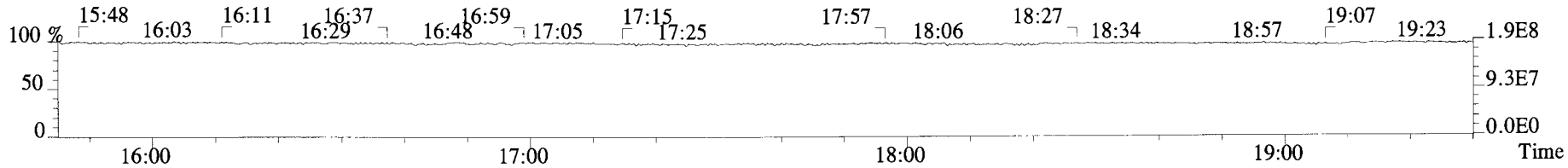
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4172.0,0.00%,F,F)



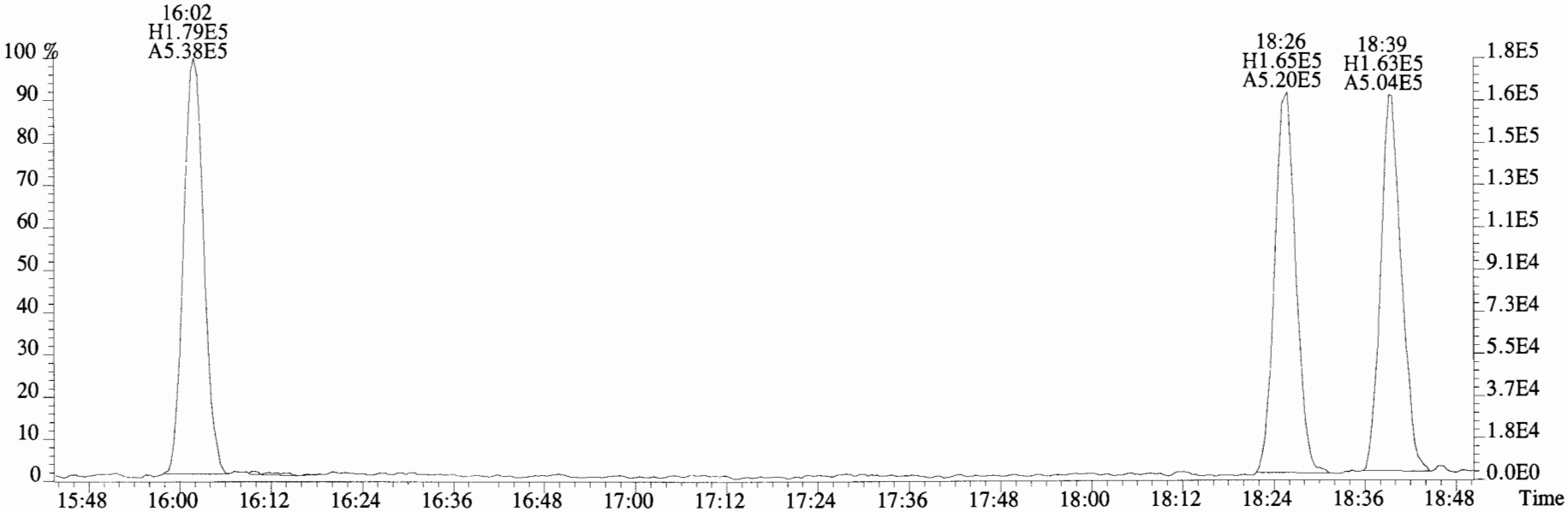
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8084.0,0.00%,F,F)



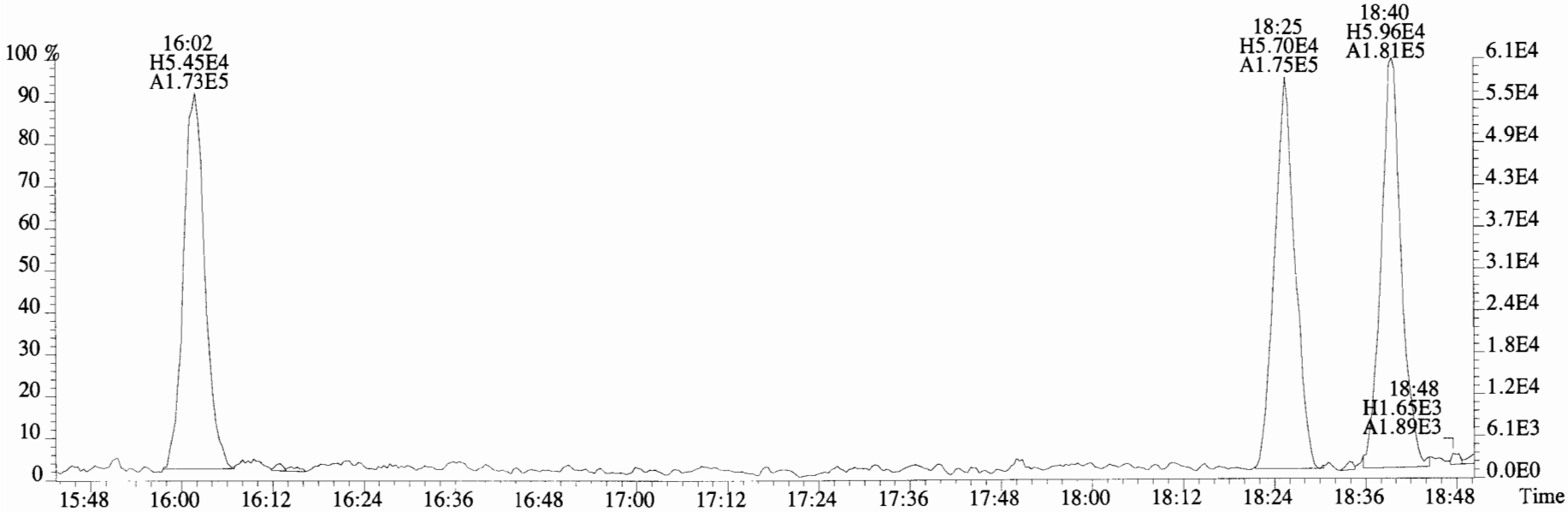
180.9880



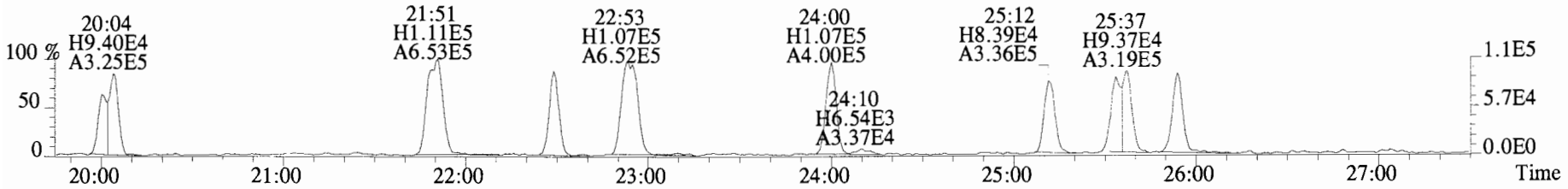
File:171027E1 #1-867 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



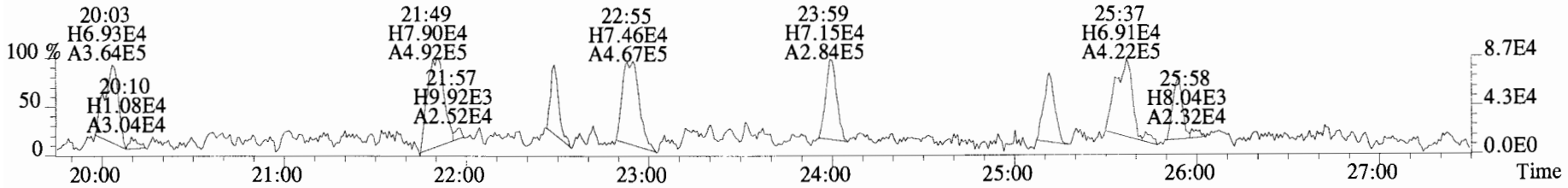
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



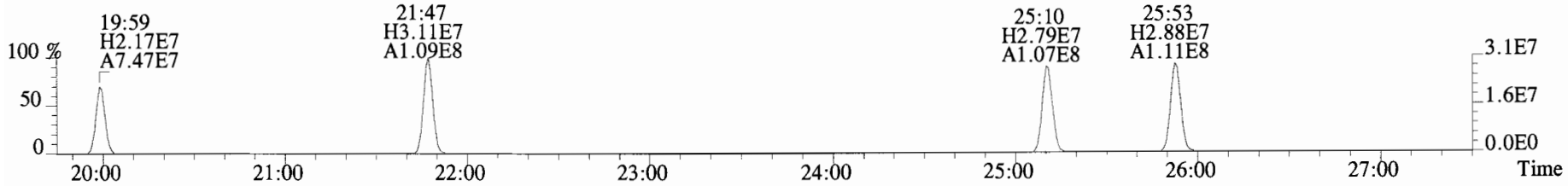
File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



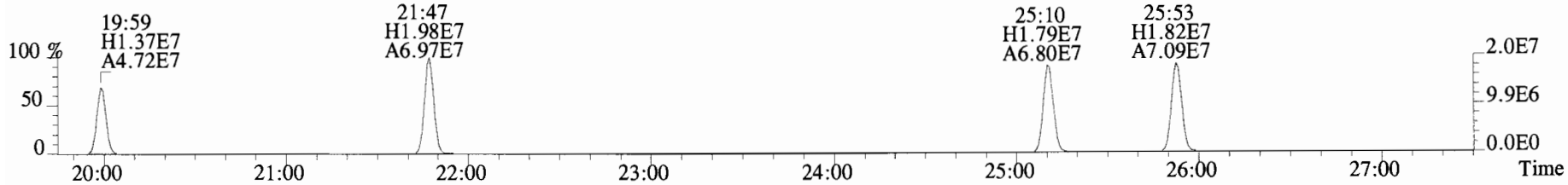
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18560.0,0.00%,F,F)



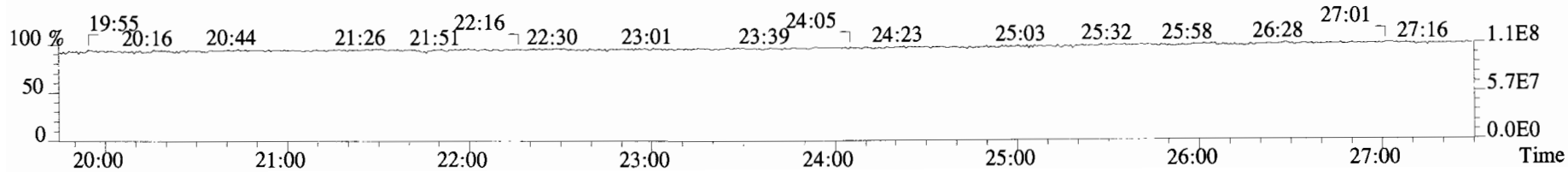
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4772.0,0.00%,F,F)



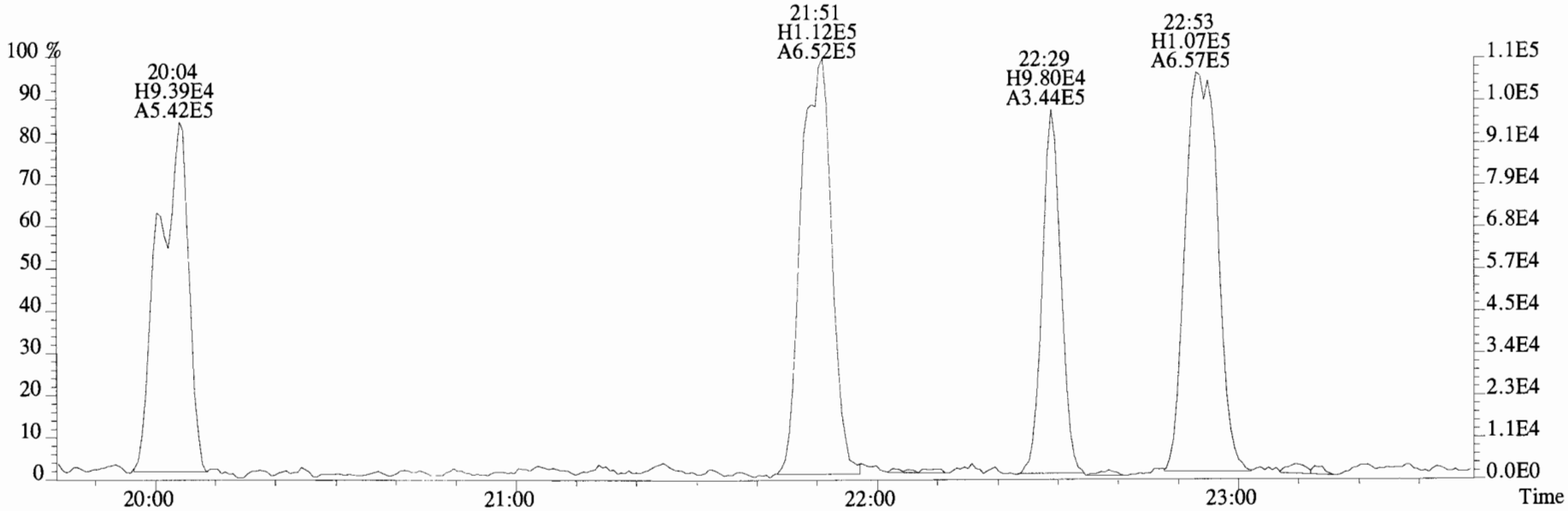
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3624.0,0.00%,F,F)



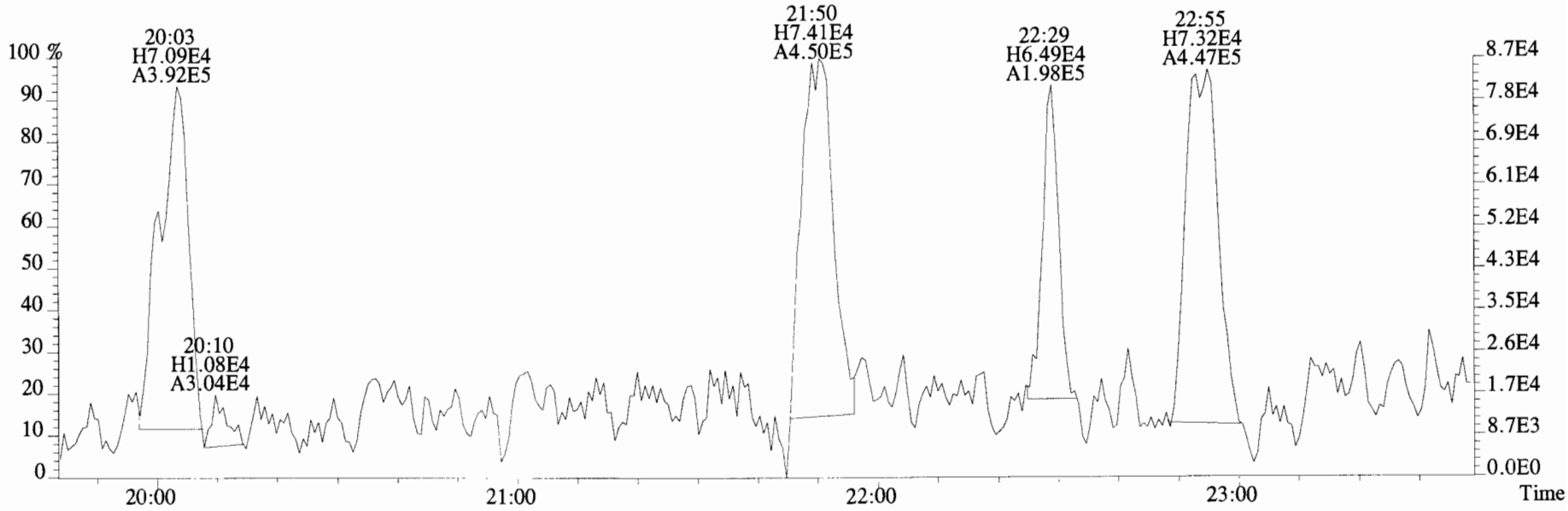
230.9856 F:2



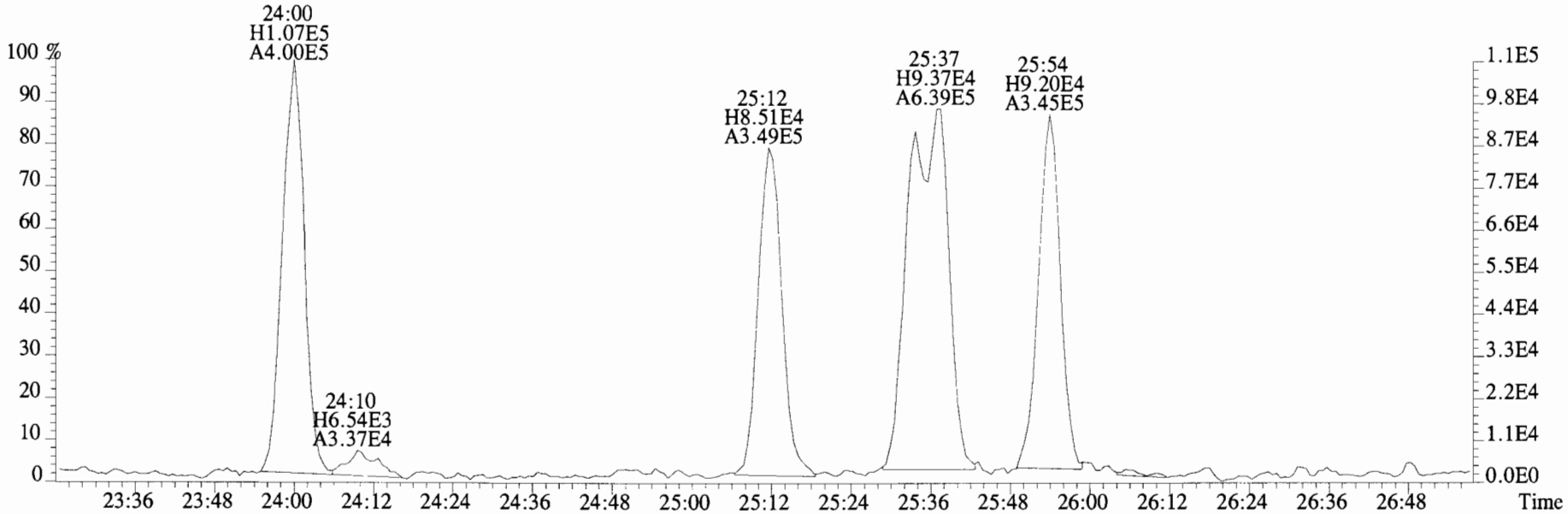
File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



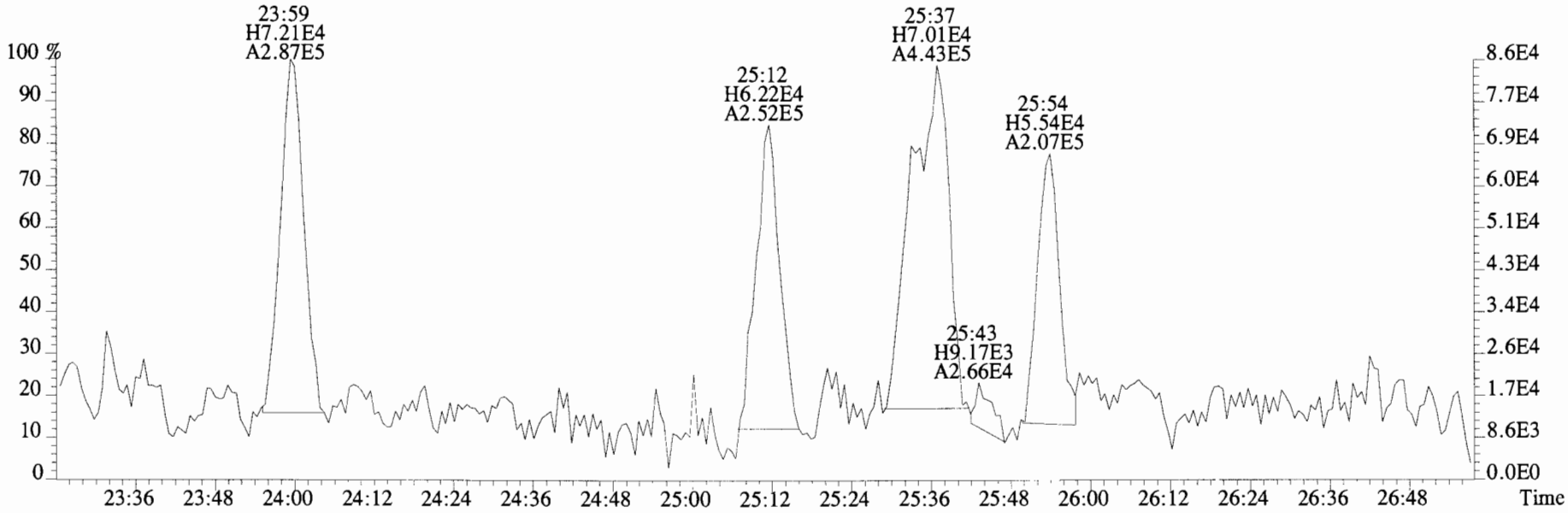
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18560.0,0.00%,F,F)



File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)

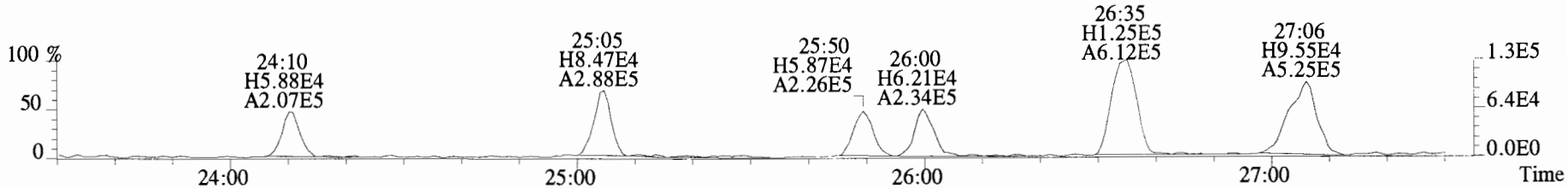


223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18560.0,0.00%,F,F)

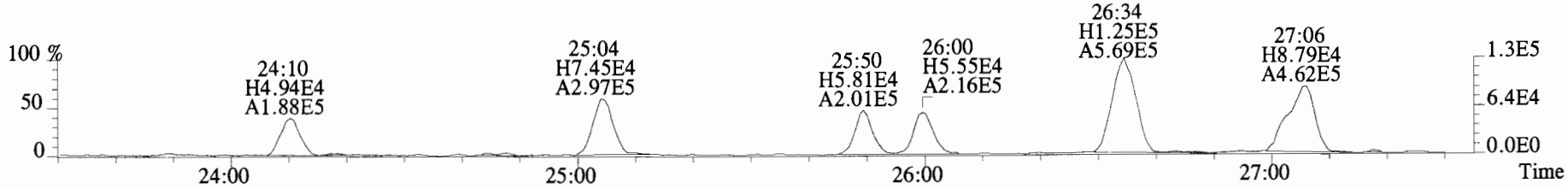


File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

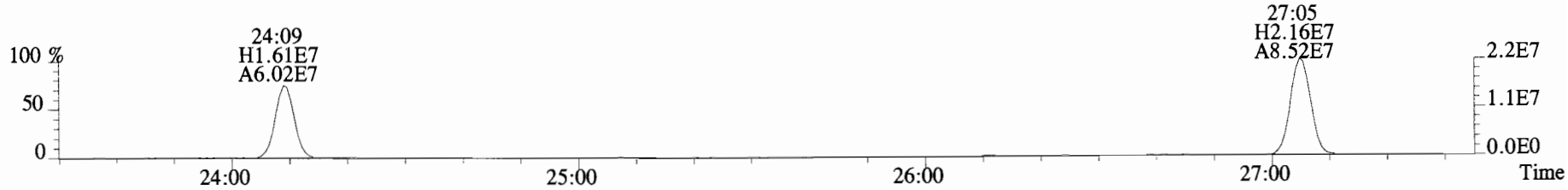
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3232.0,0.00%,F,F)



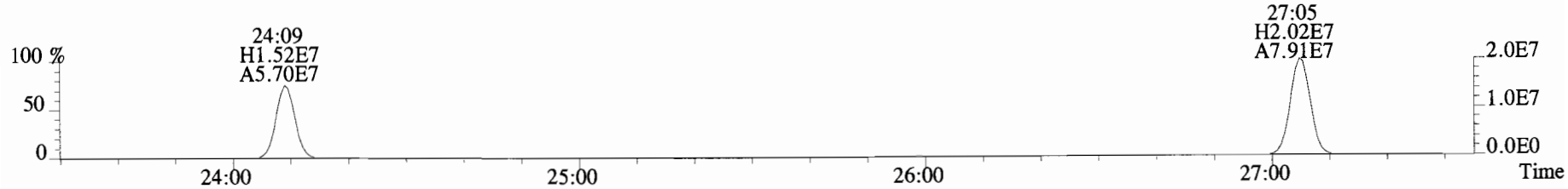
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2220.0,0.00%,F,F)



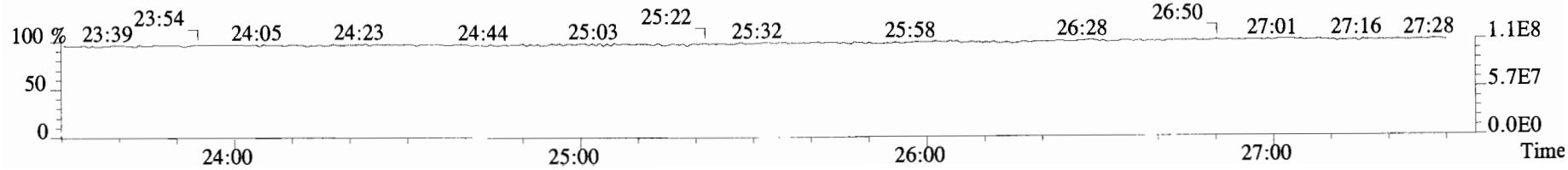
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67976.0,0.00%,F,F)



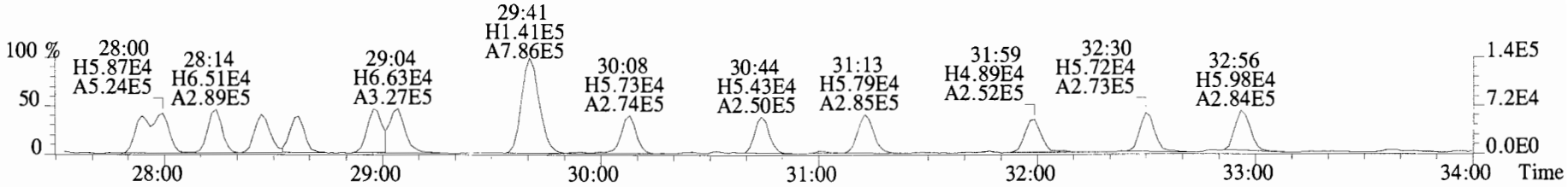
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42672.0,0.00%,F,F)



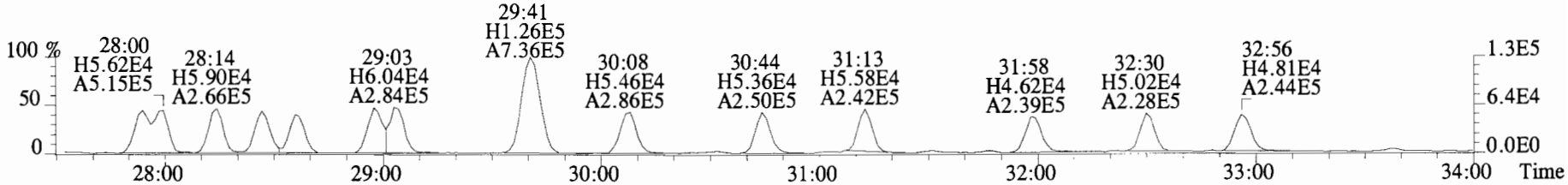
230.9856 F:2



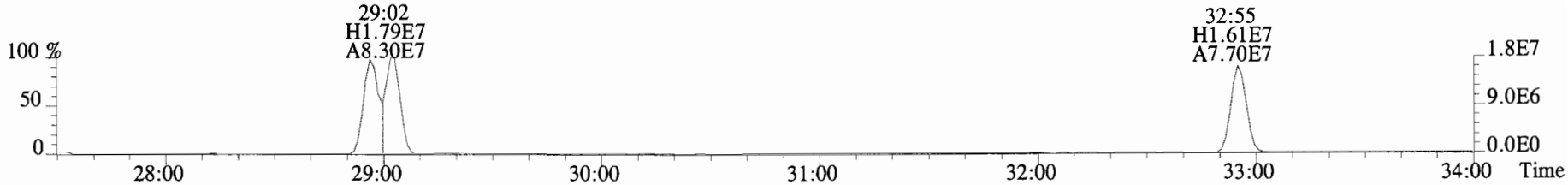
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)



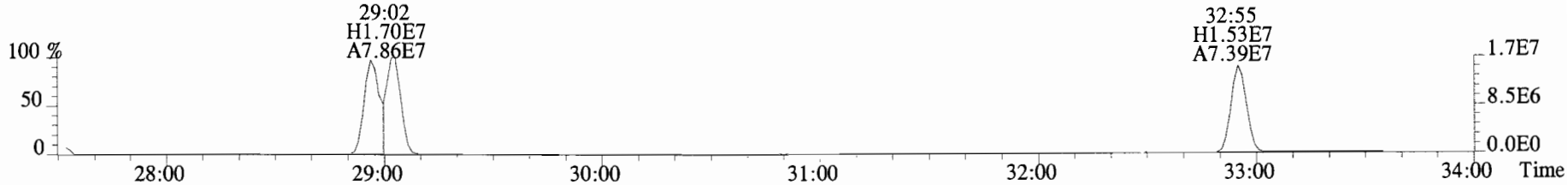
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)



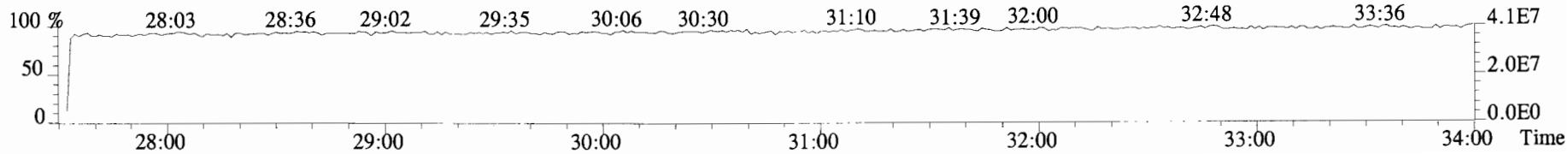
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83000.0,0.00%,F,F)



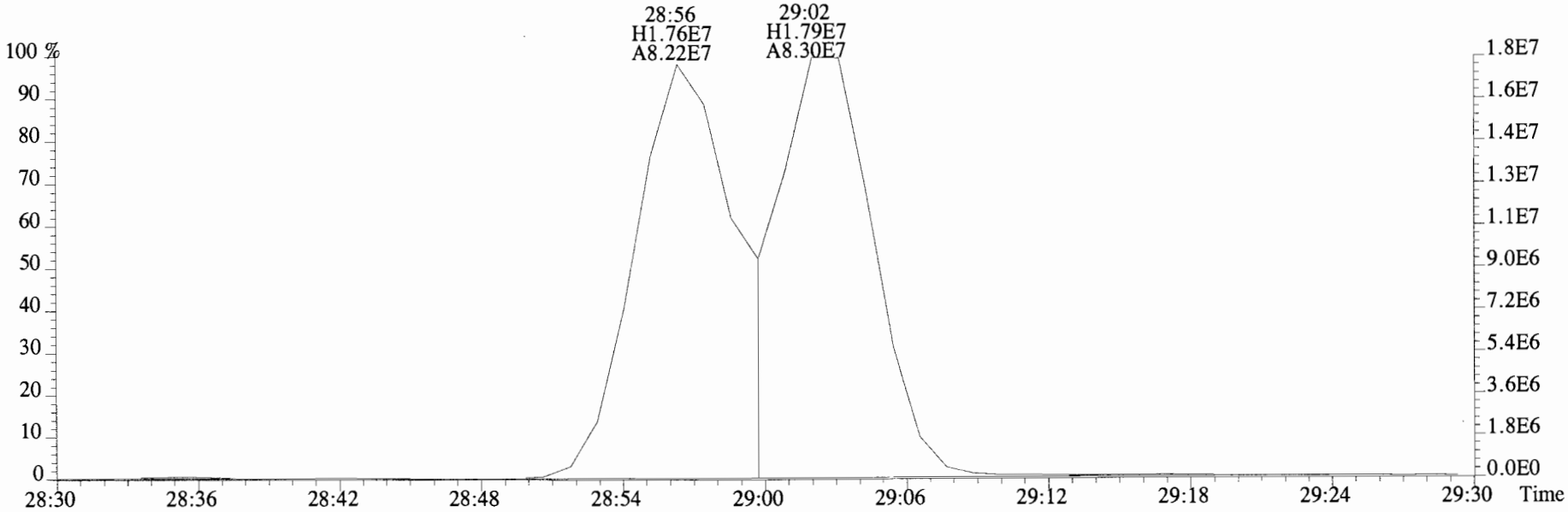
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40848.0,0.00%,F,F)



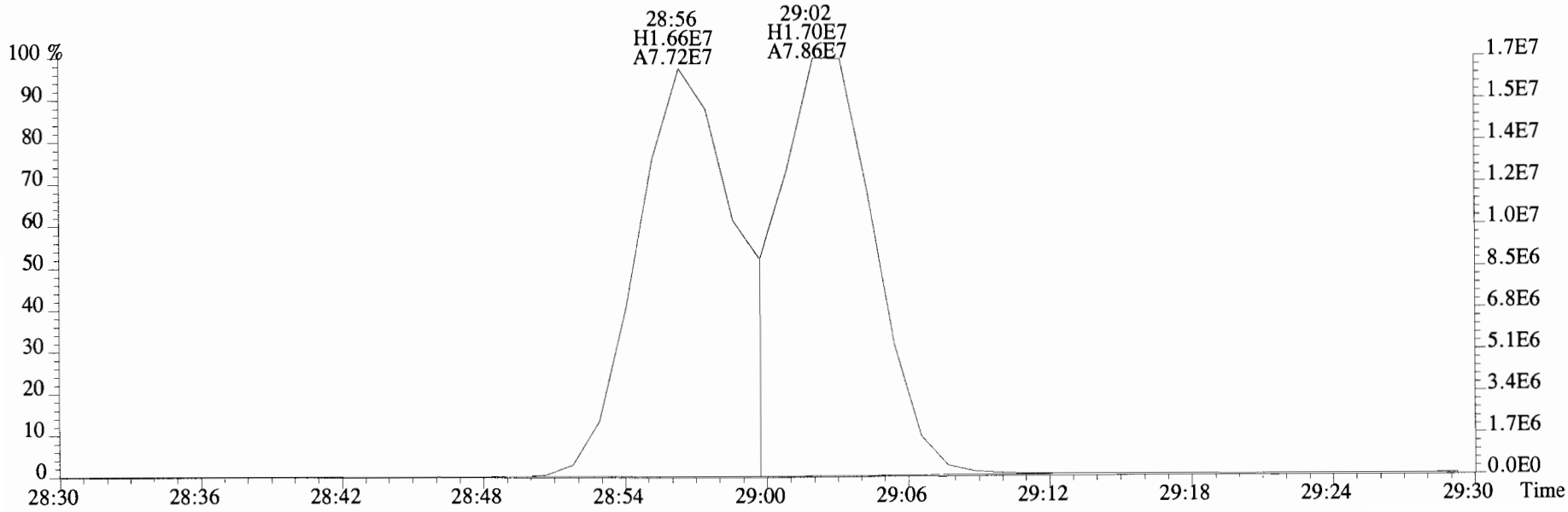
330.9792 F:3



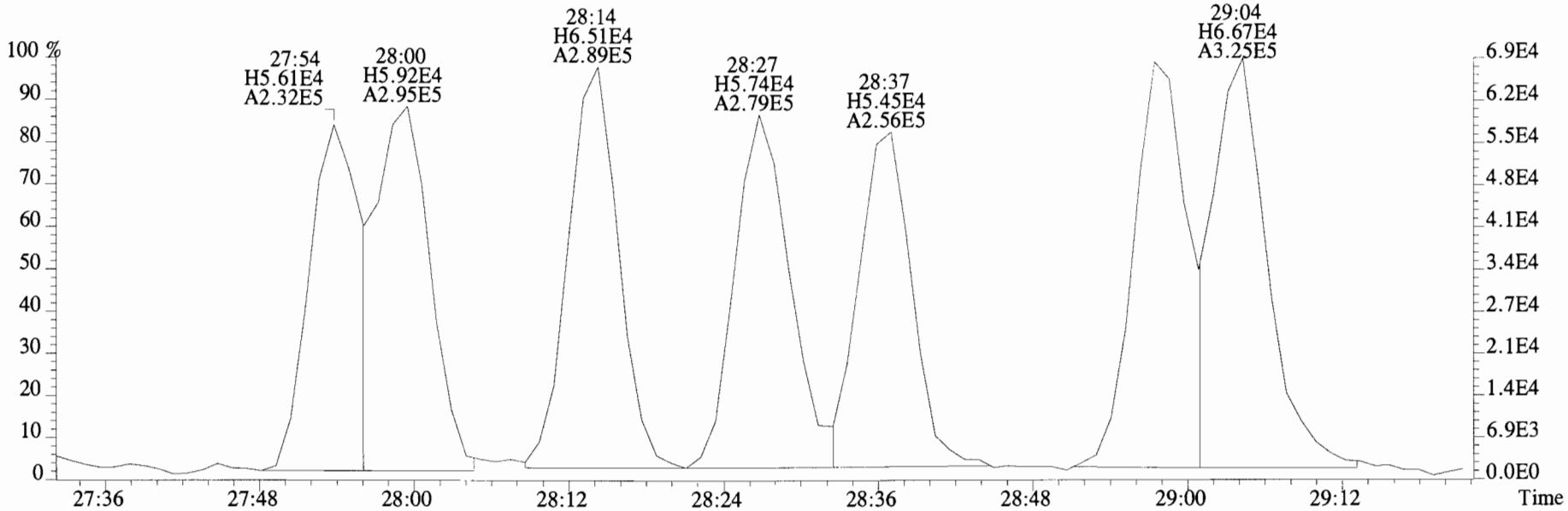
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83000.0,0.00%,F,F)



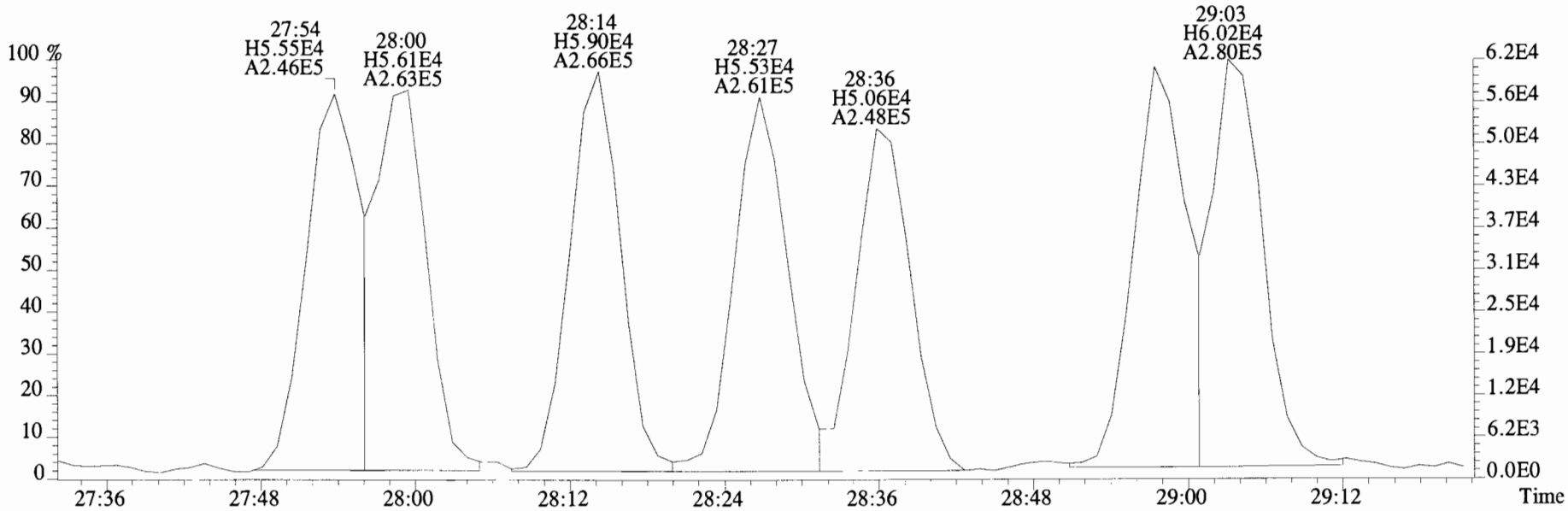
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40848.0,0.00%,F,F)



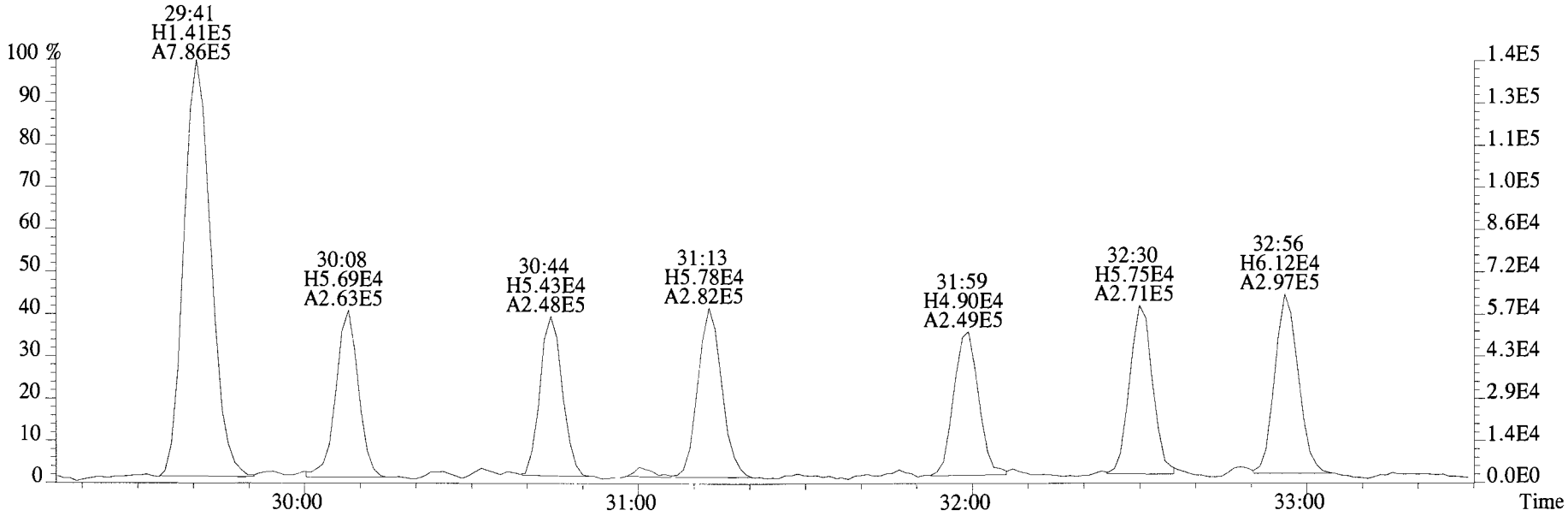
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)



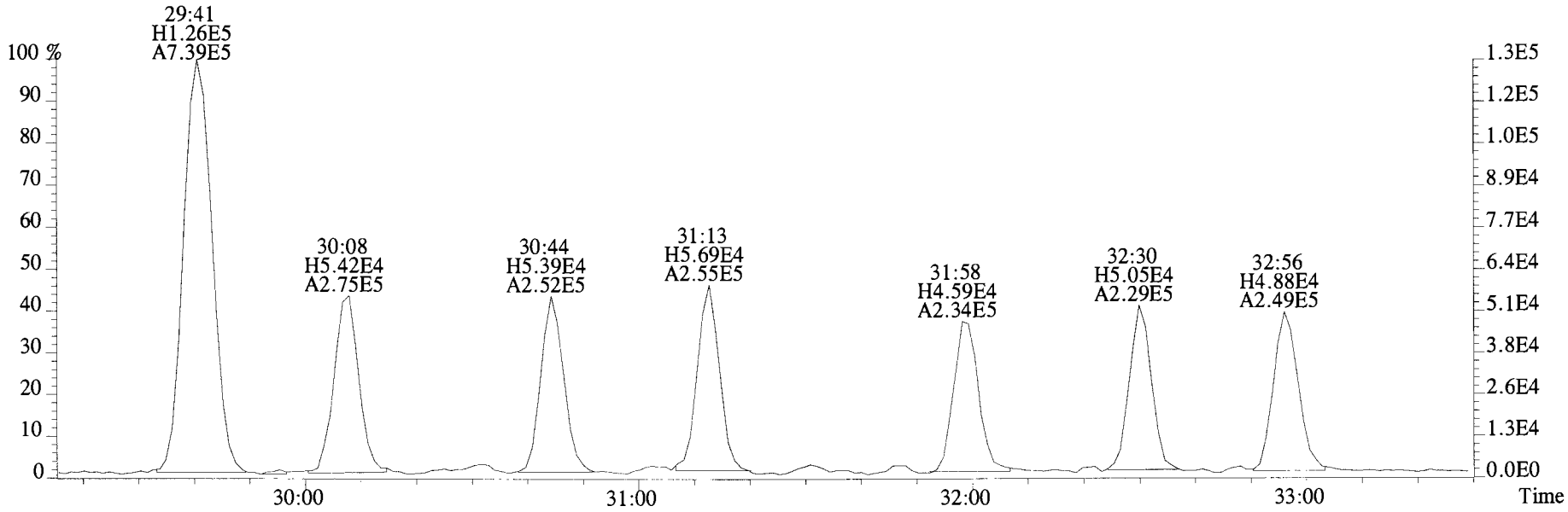
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)



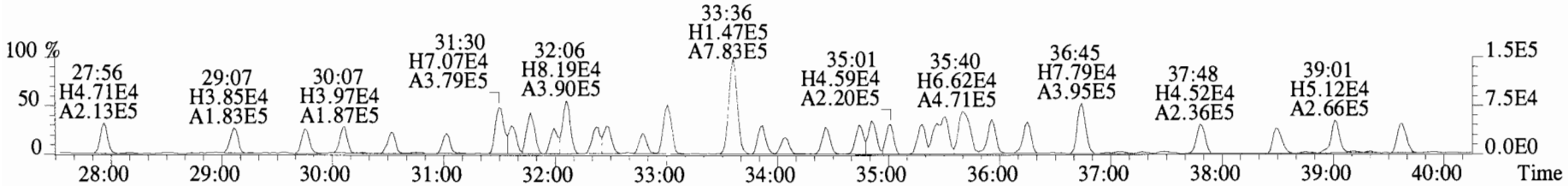
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)



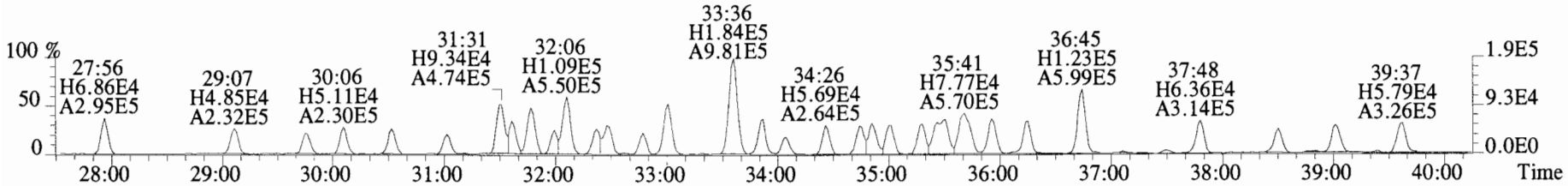
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)



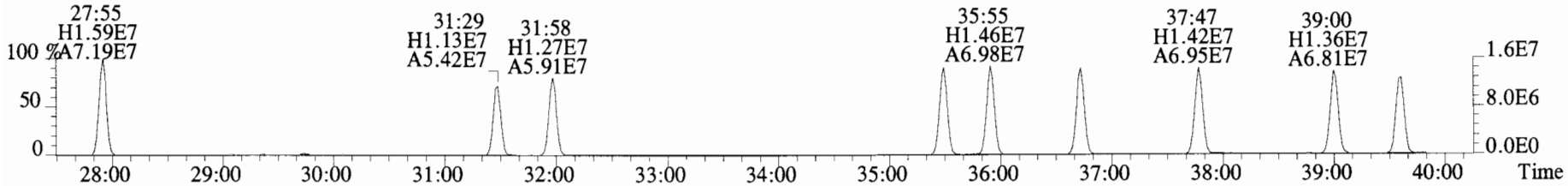
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



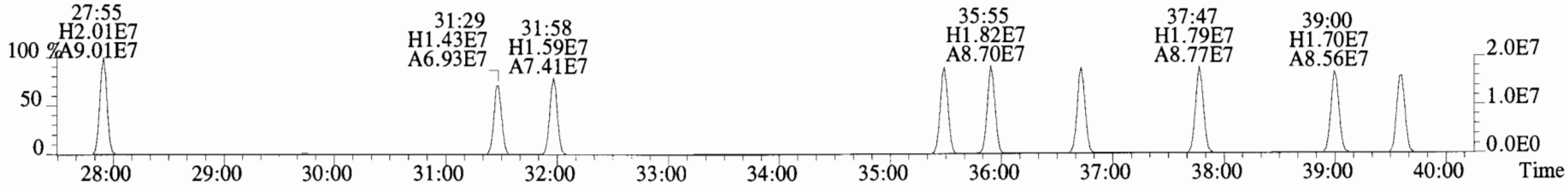
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



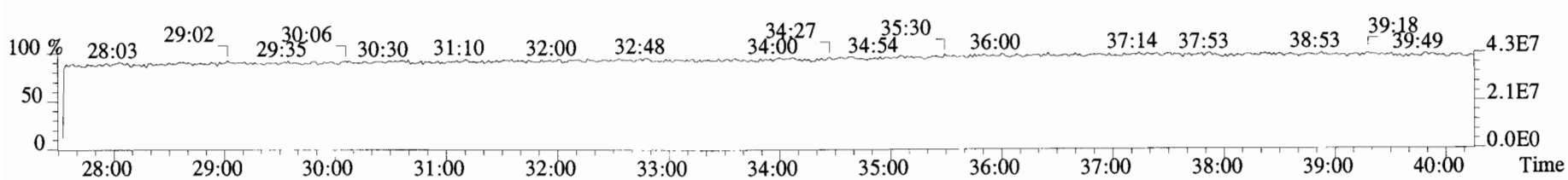
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



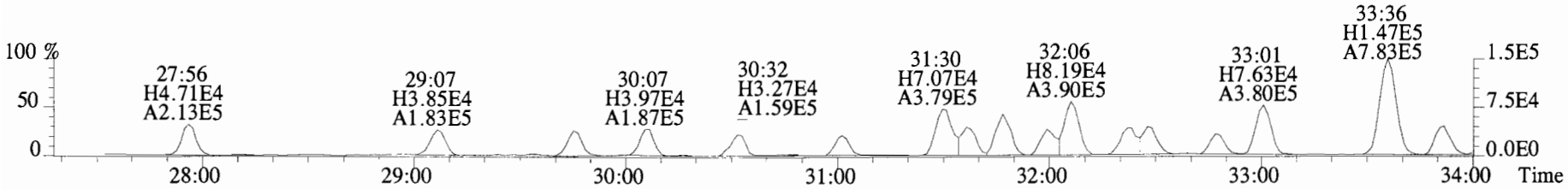
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



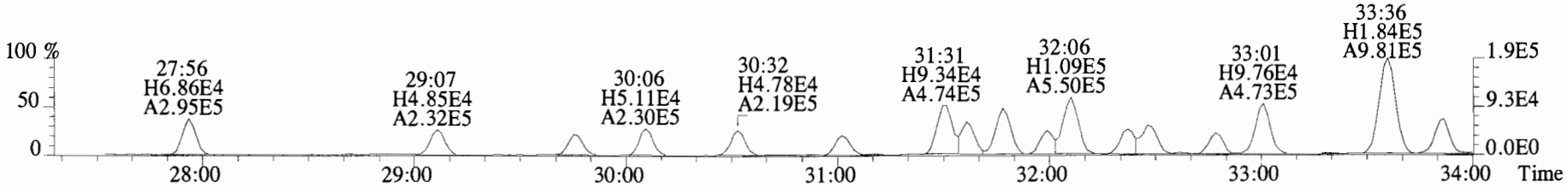
330.9792 F:3



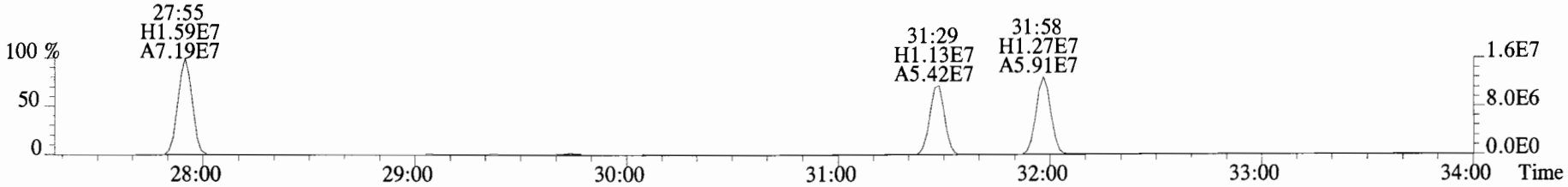
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



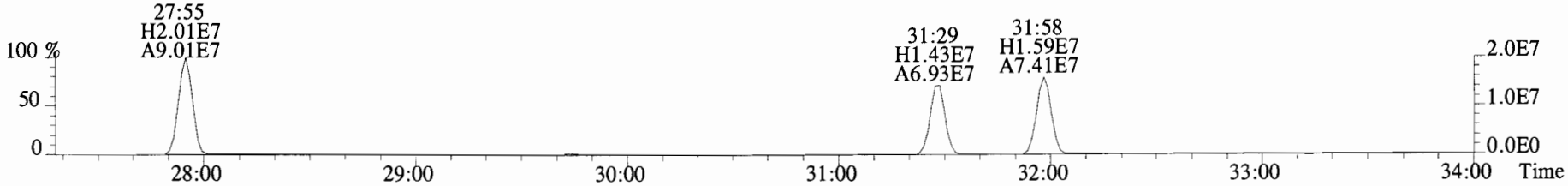
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



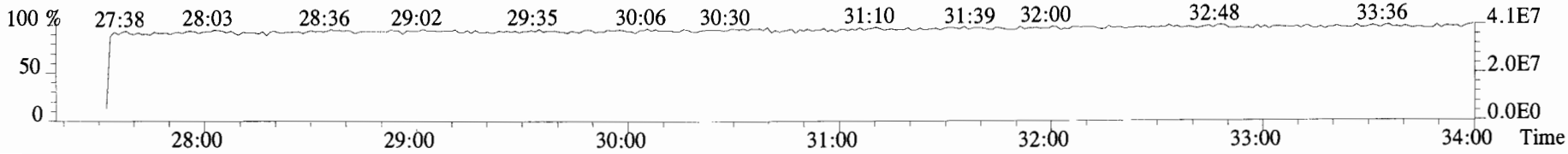
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



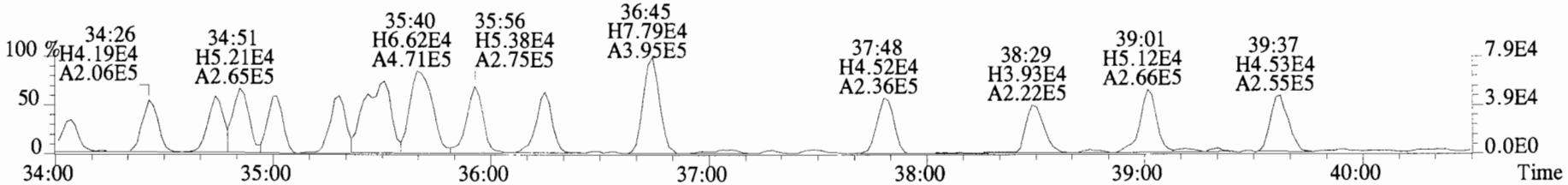
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



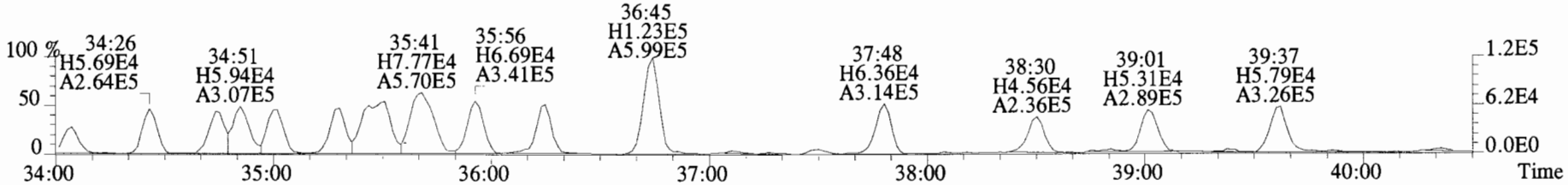
330.9792 F:3



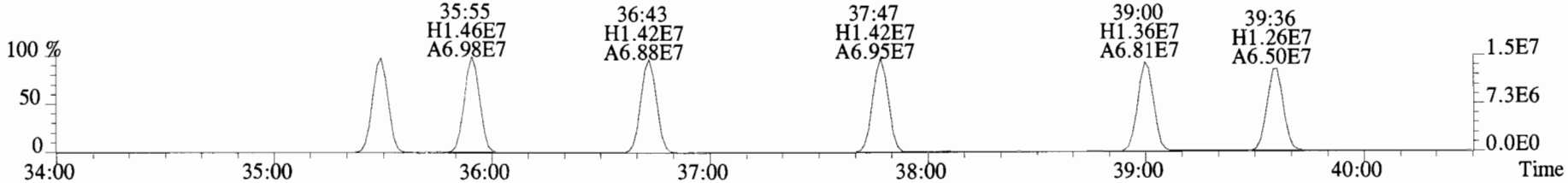
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



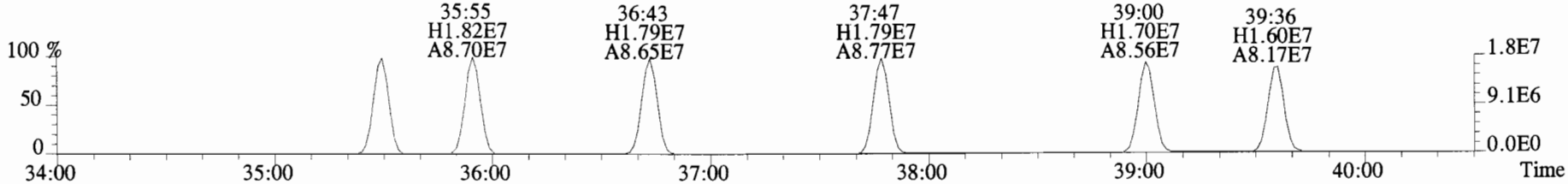
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



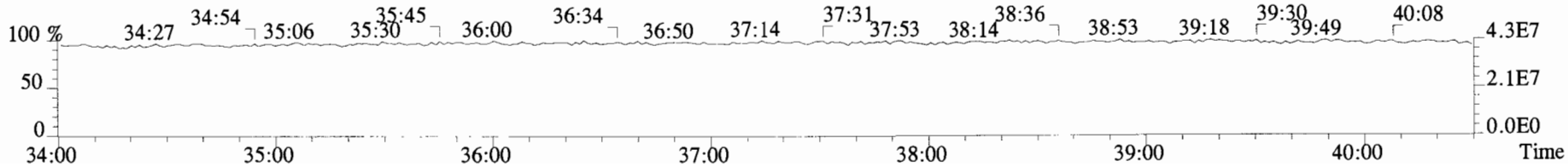
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



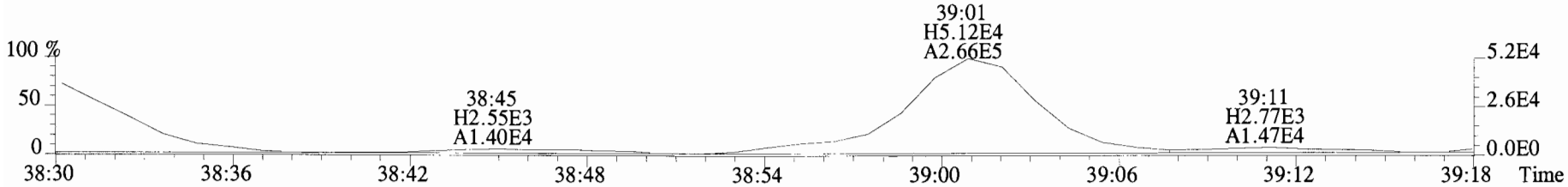
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



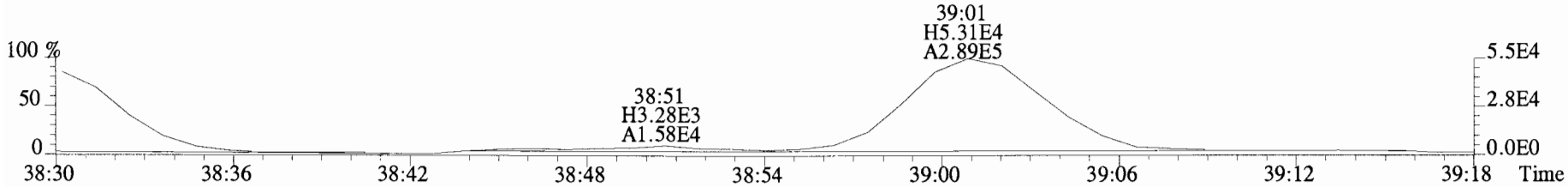
330.9792 F:3



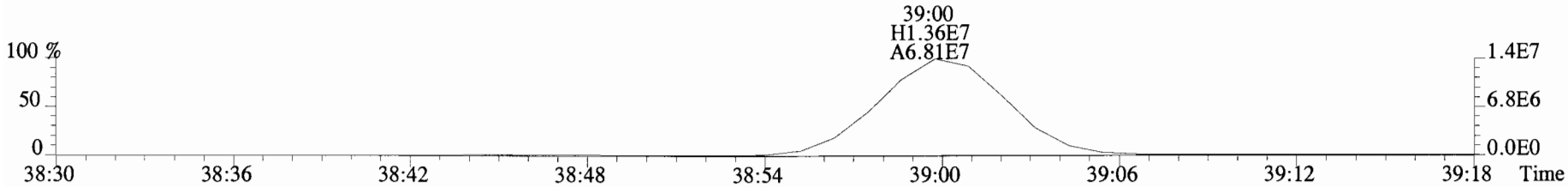
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



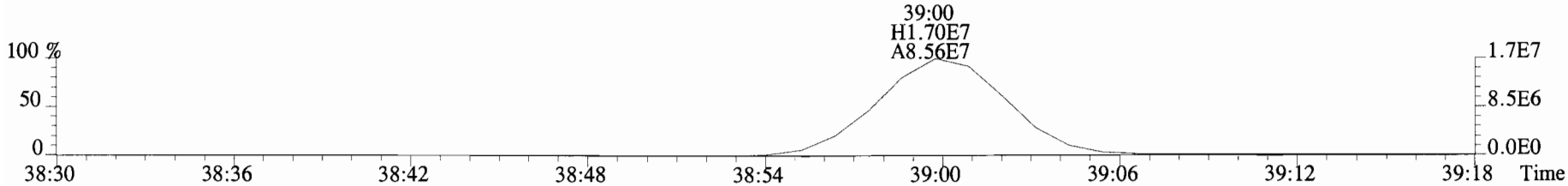
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



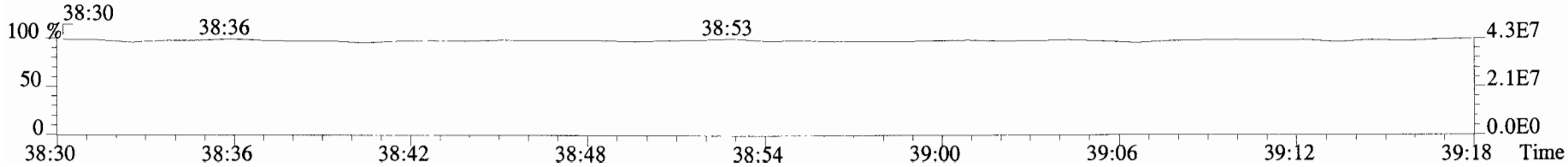
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



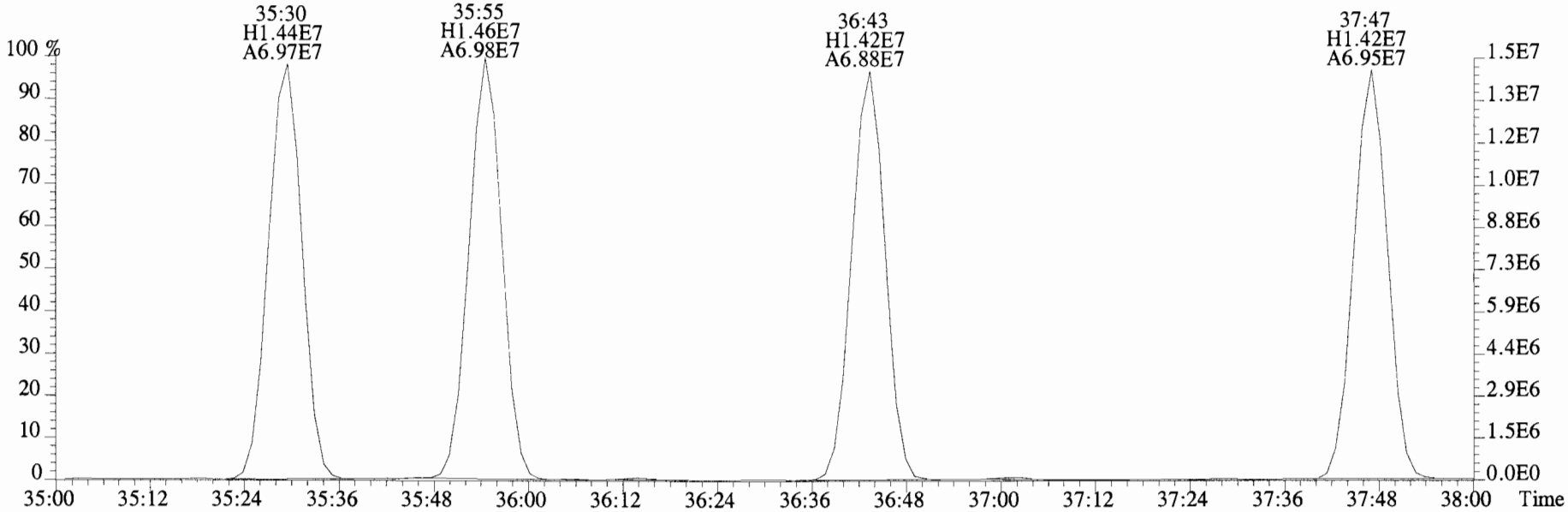
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



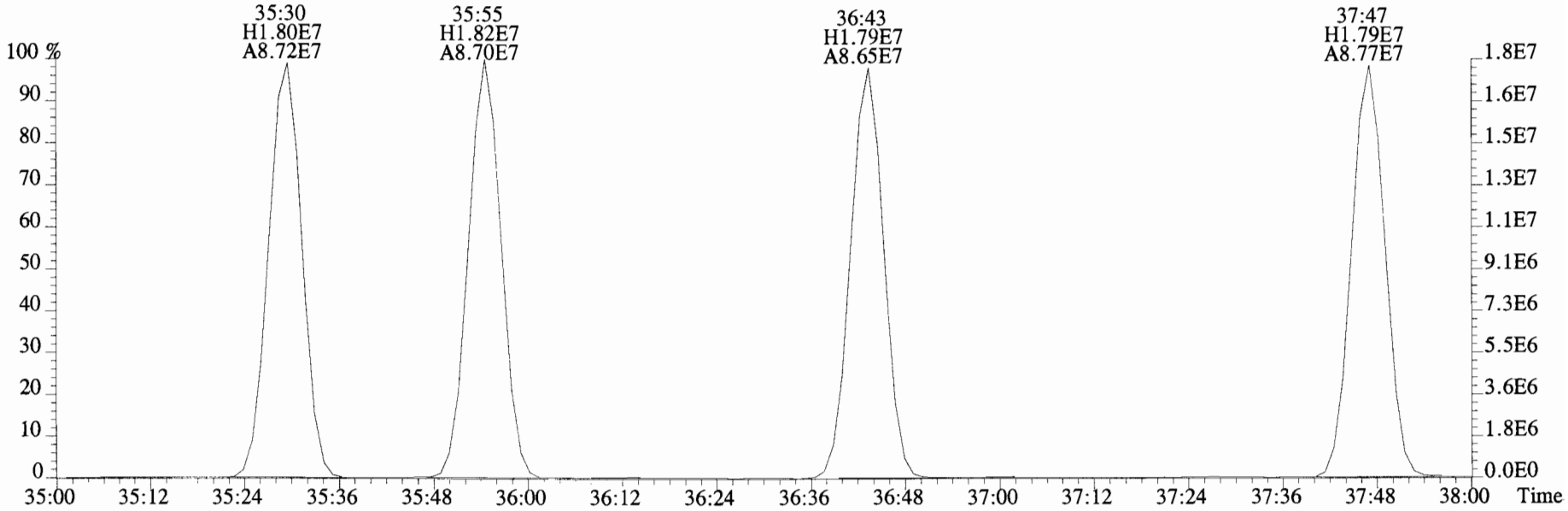
330.9792 F:3



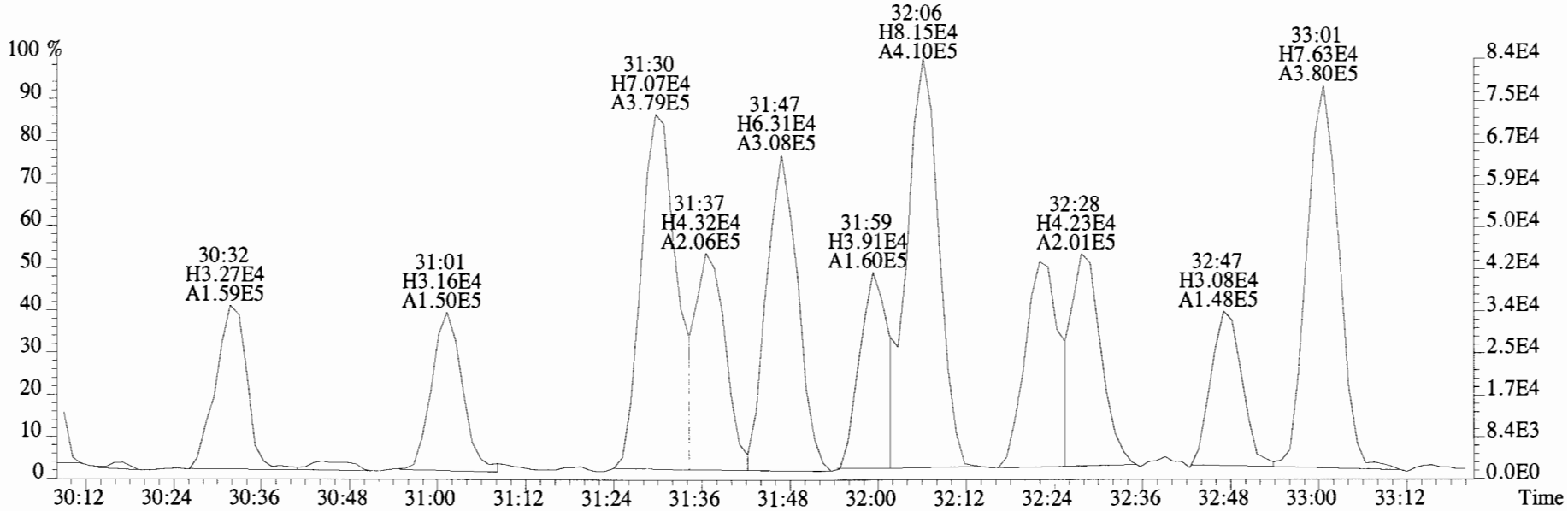
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



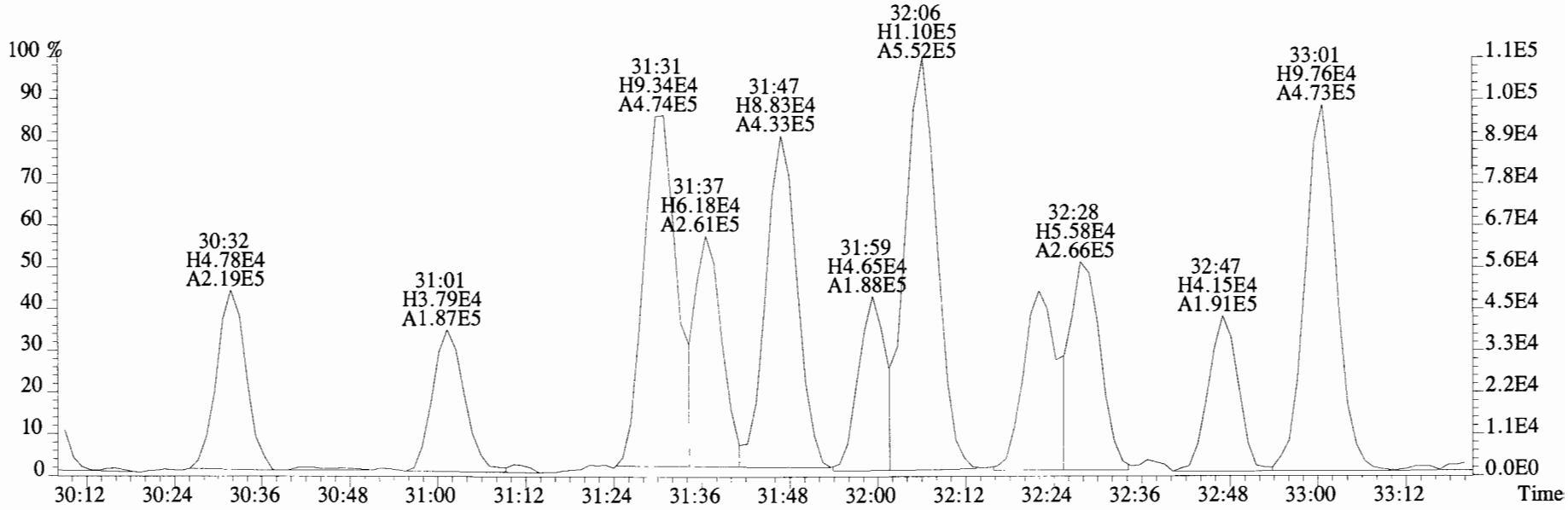
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



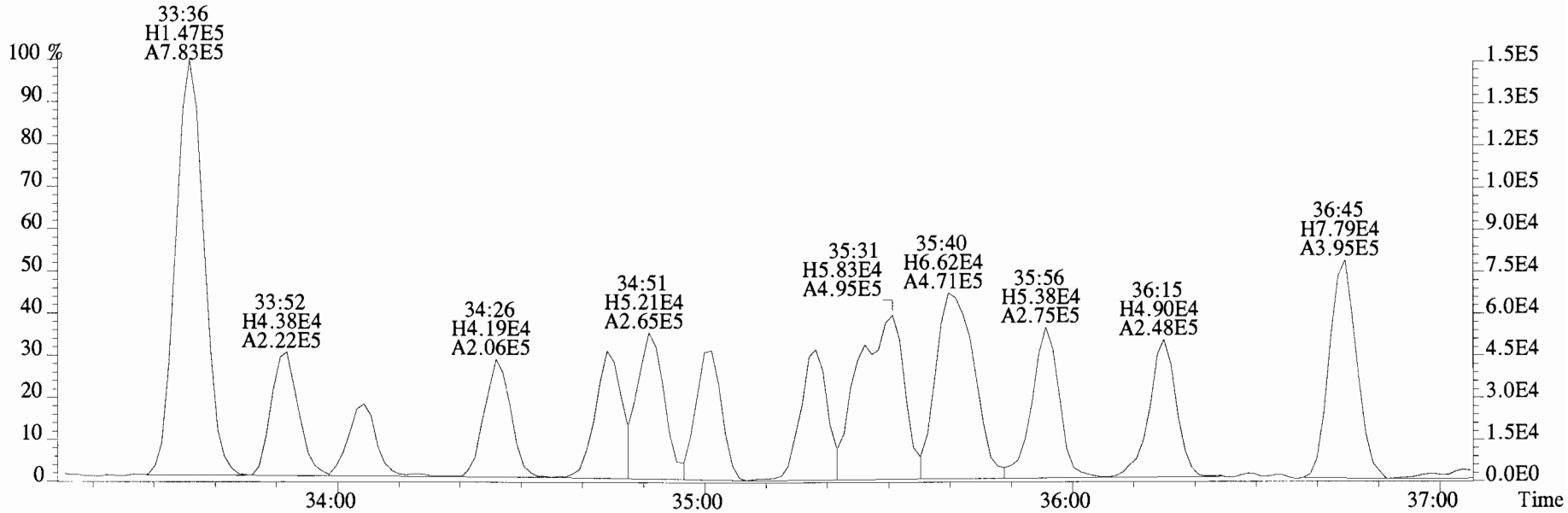
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0)



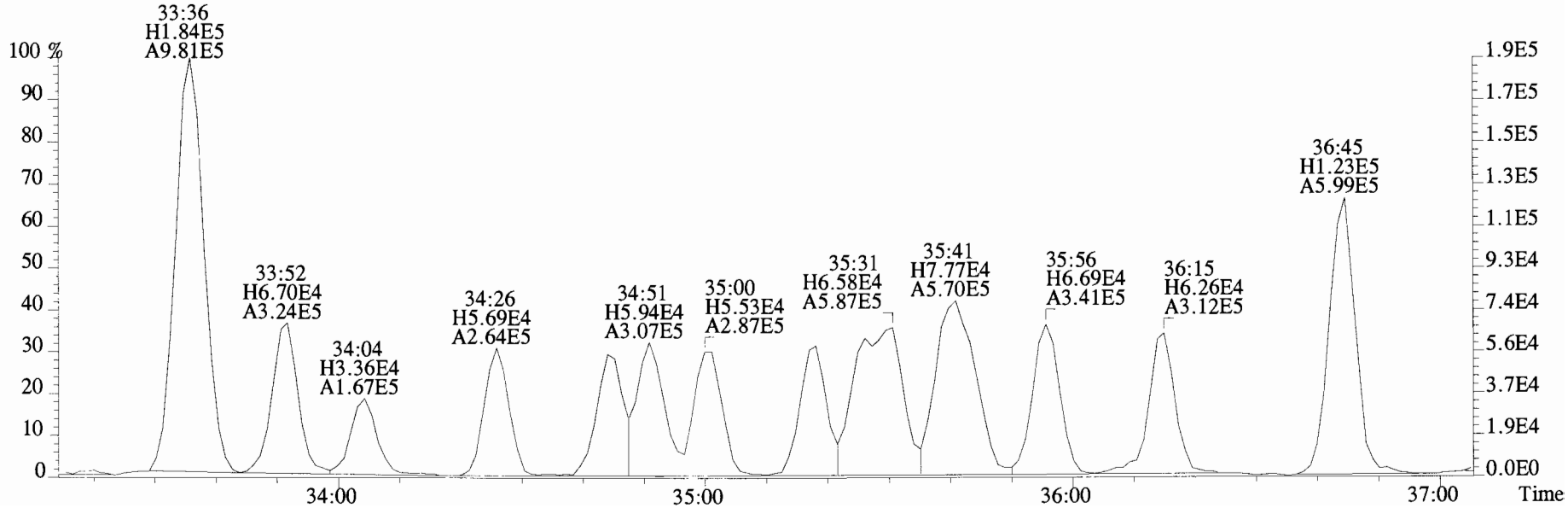
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0)



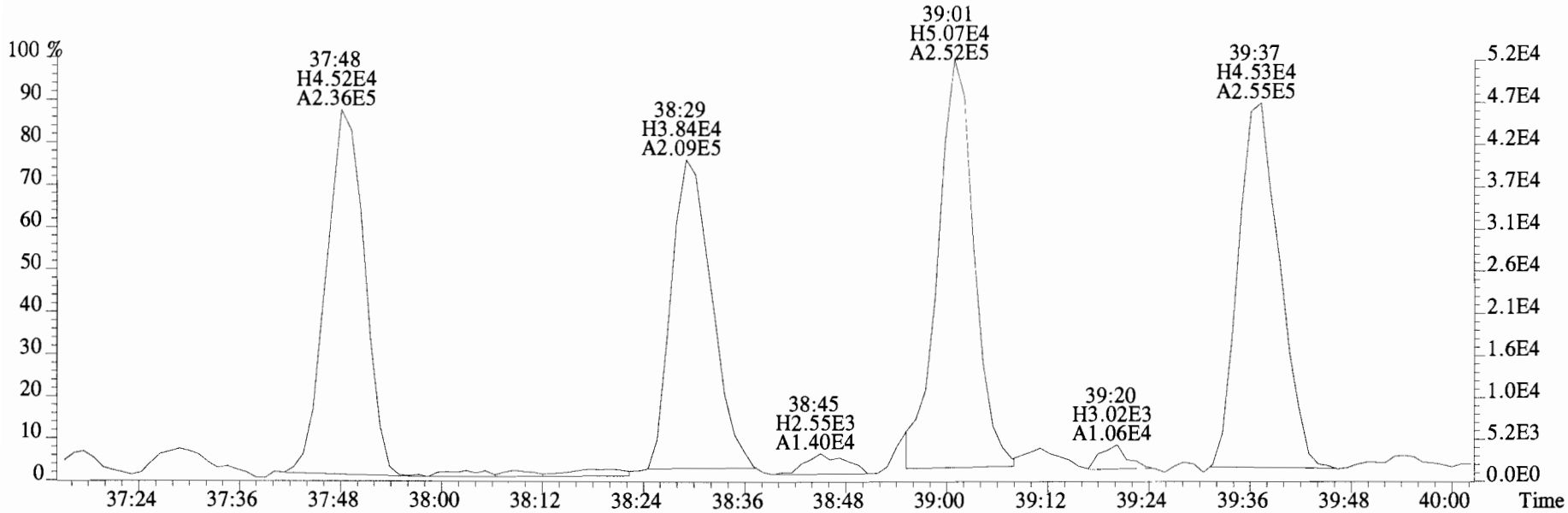
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0)



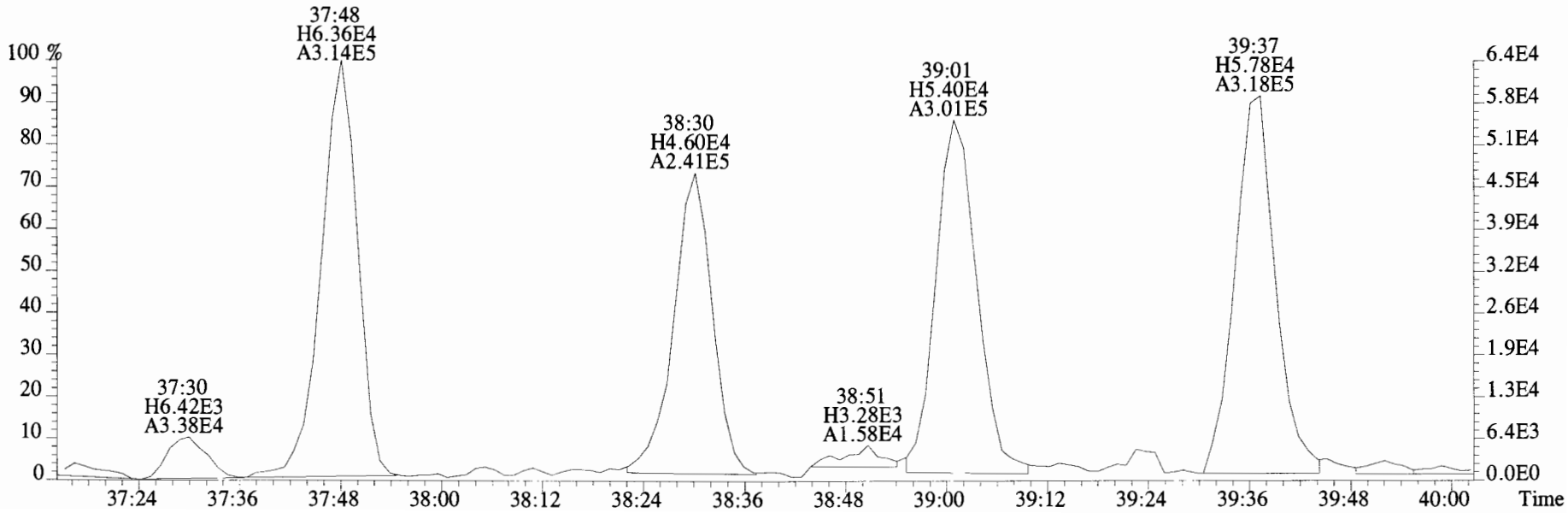
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0)



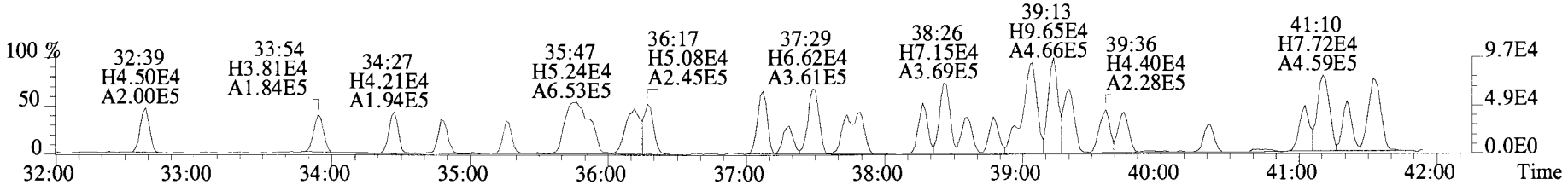
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0)



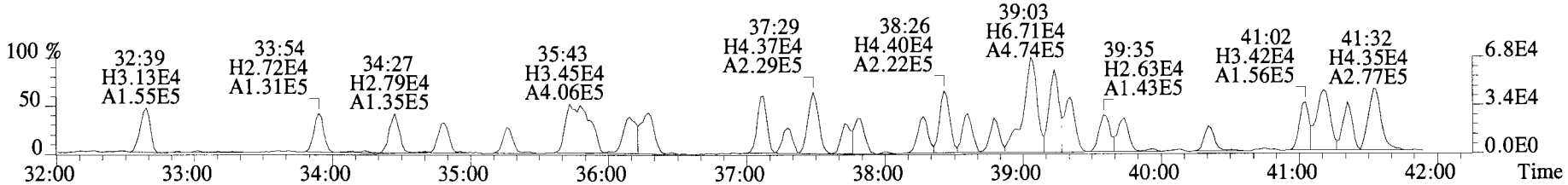
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0)



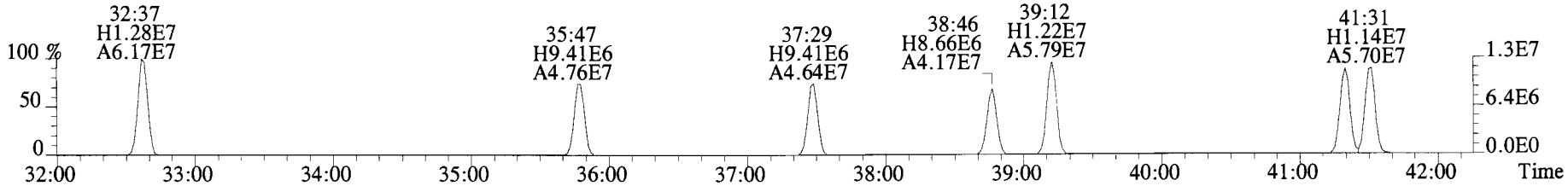
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)



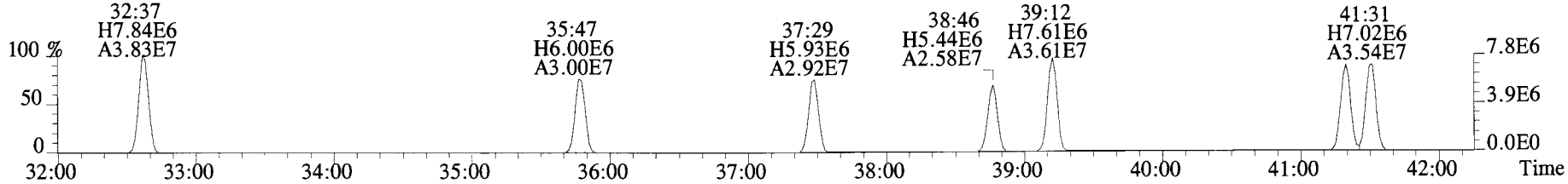
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



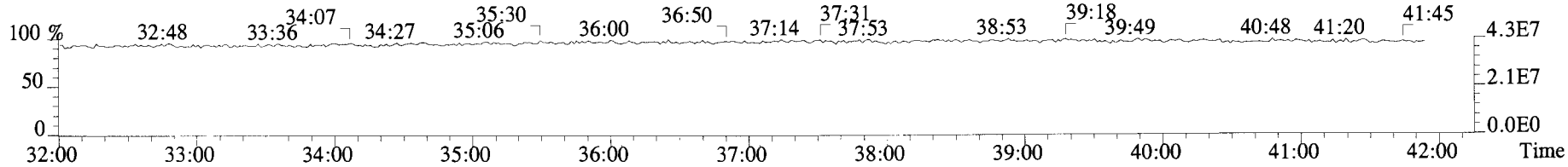
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)

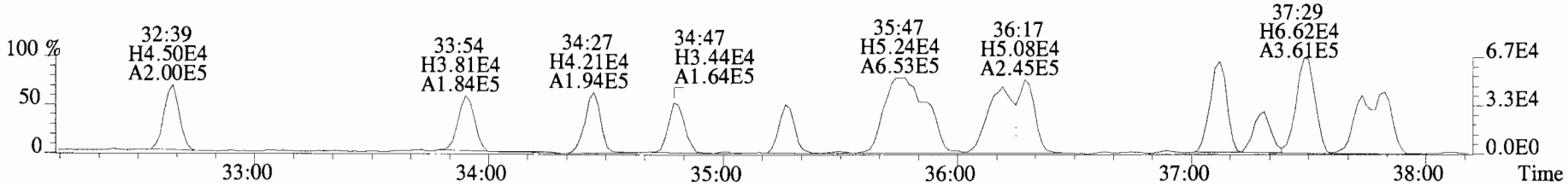


330.9792 F:3

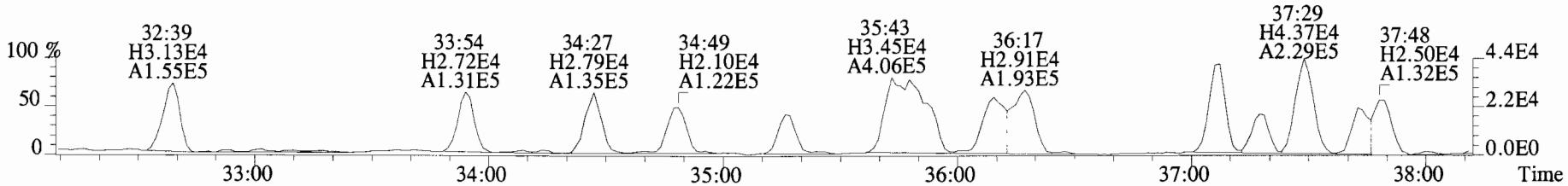


File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

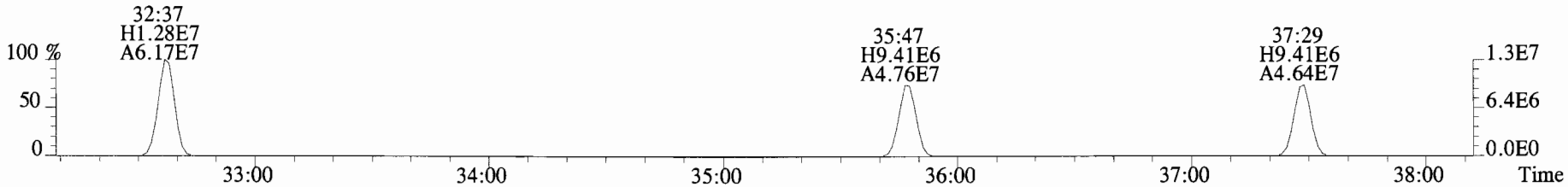
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)



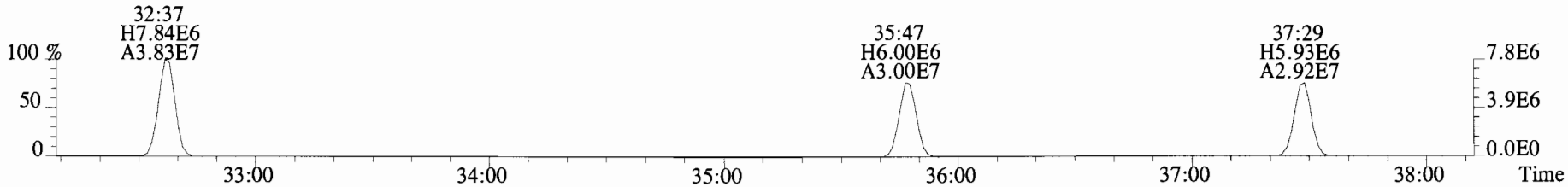
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



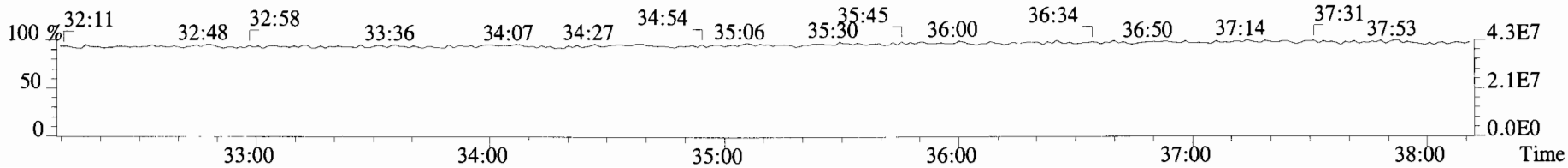
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)

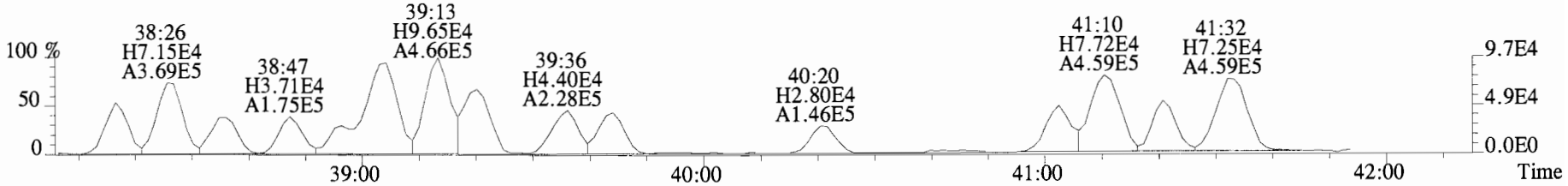


330.9792 F:3

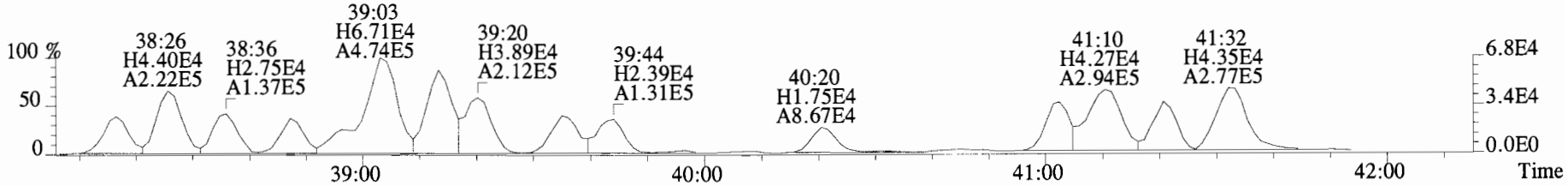


File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

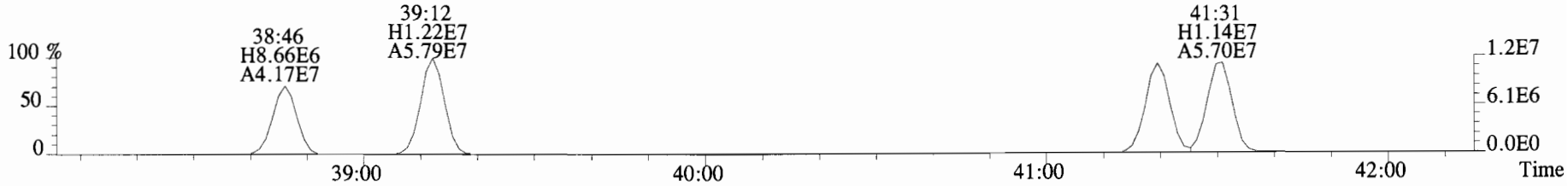
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)



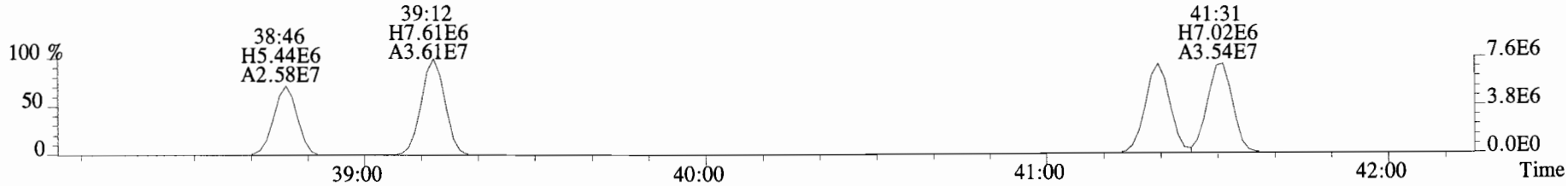
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



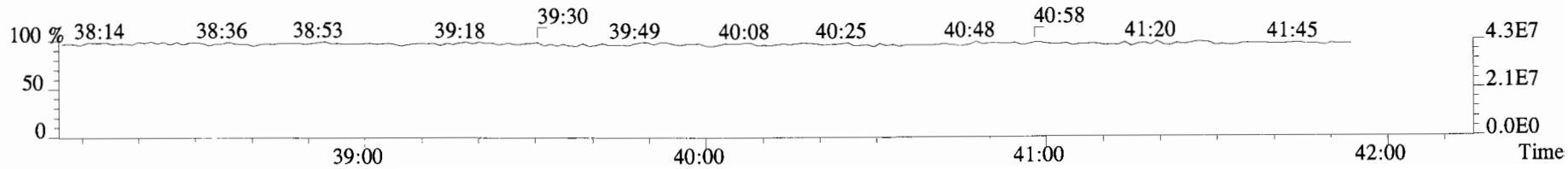
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



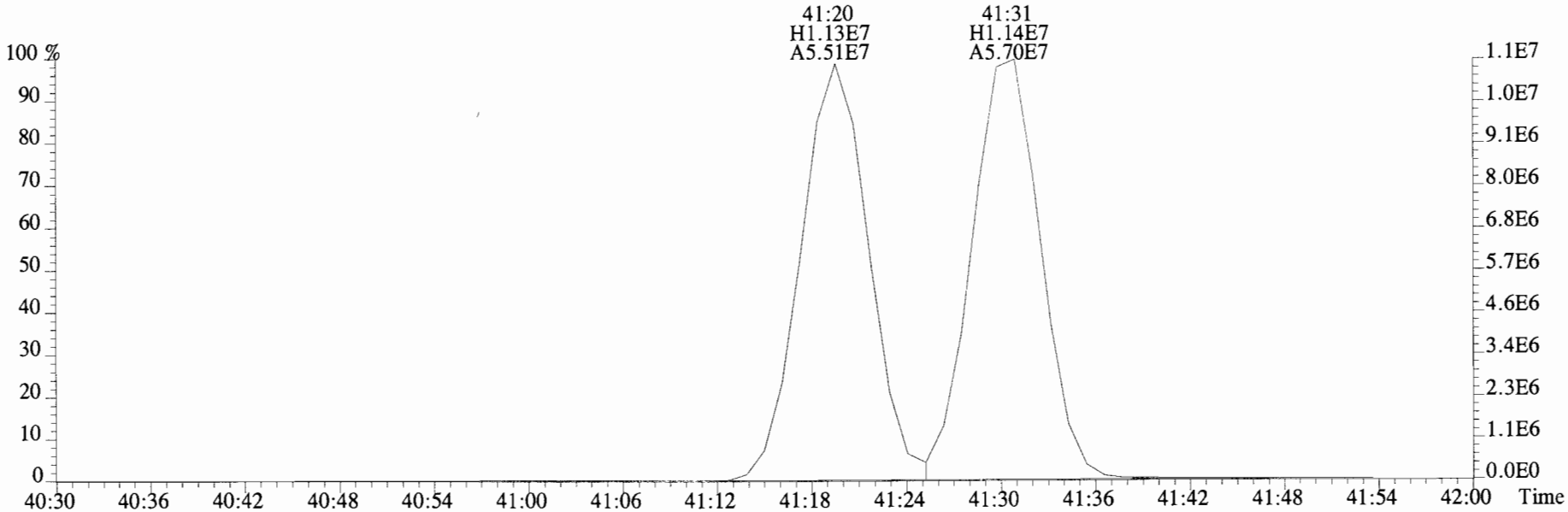
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)



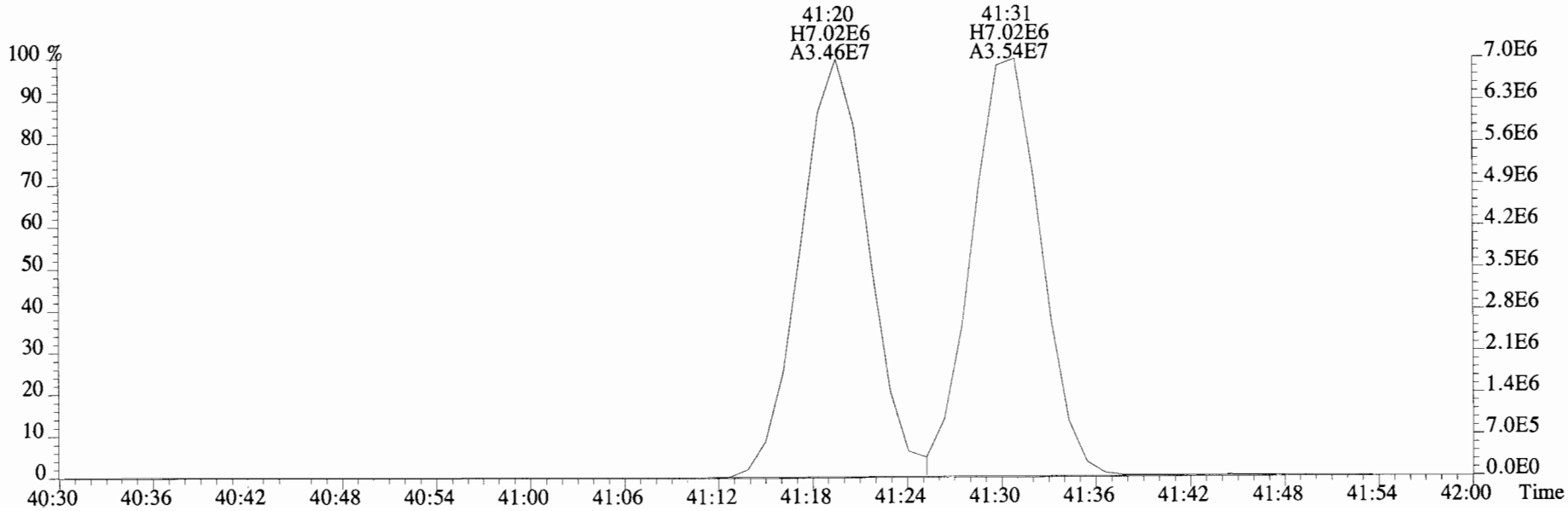
330.9792 F:3



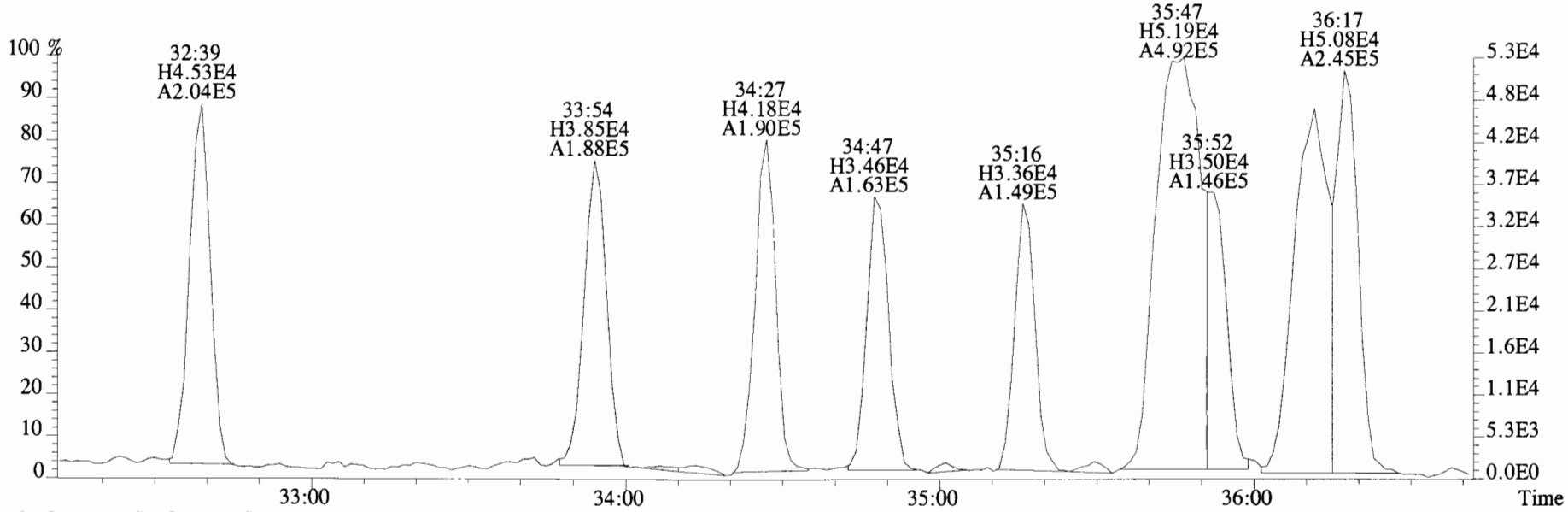
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



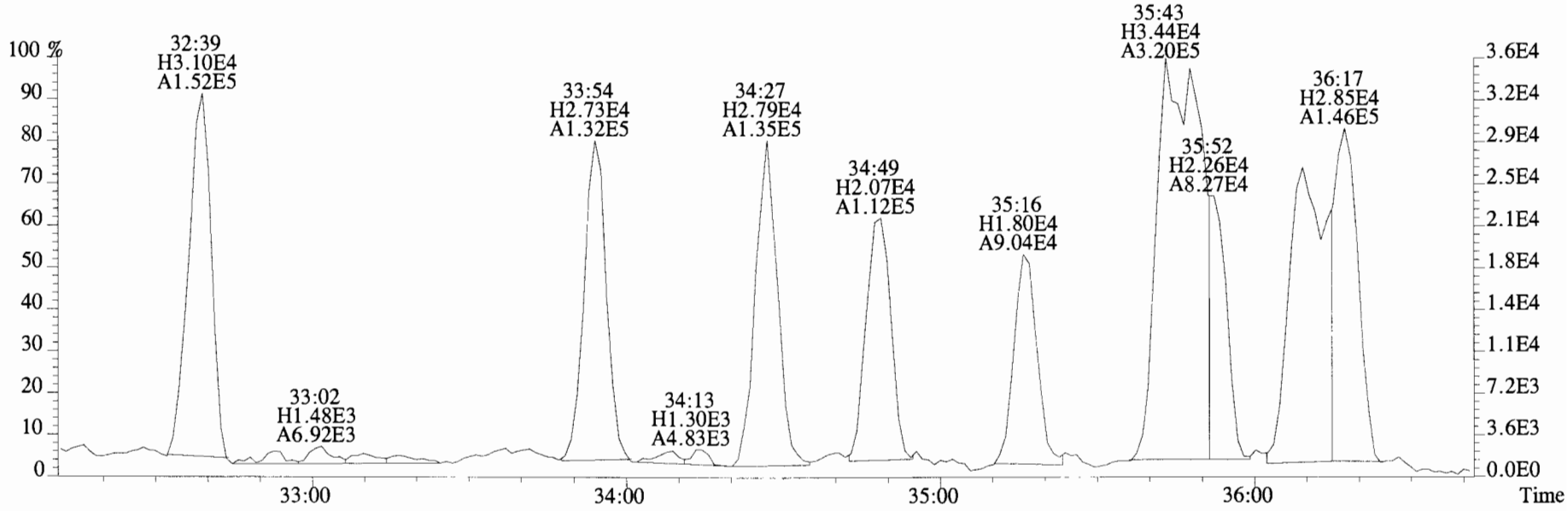
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)



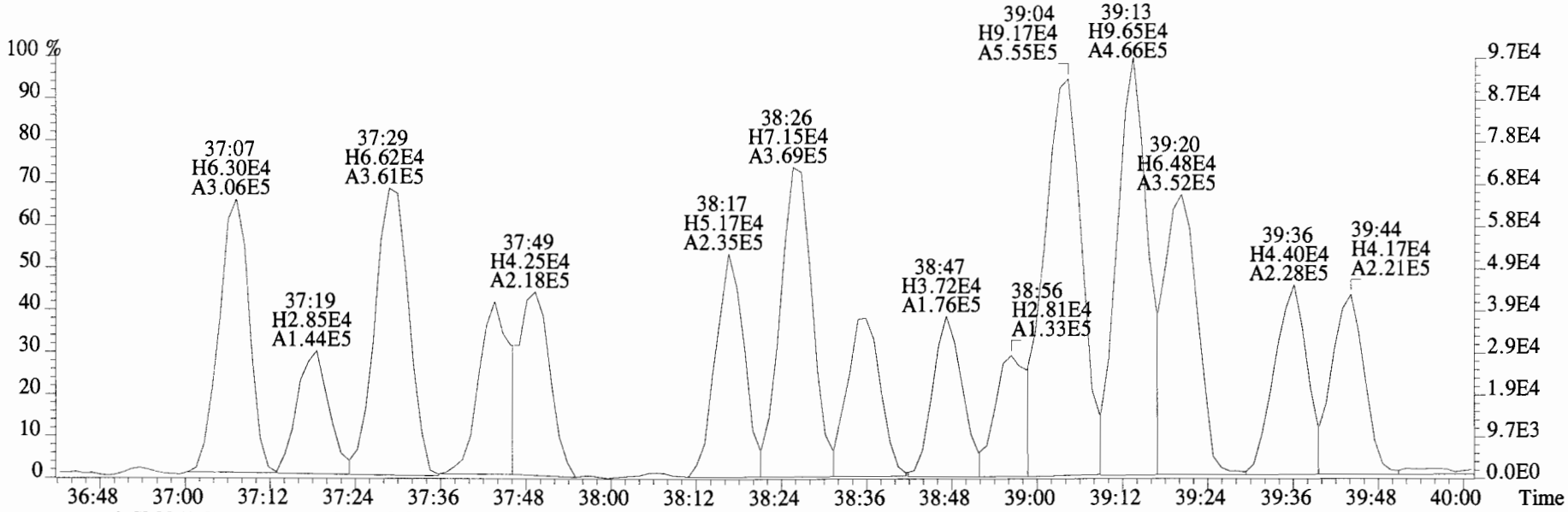
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0)



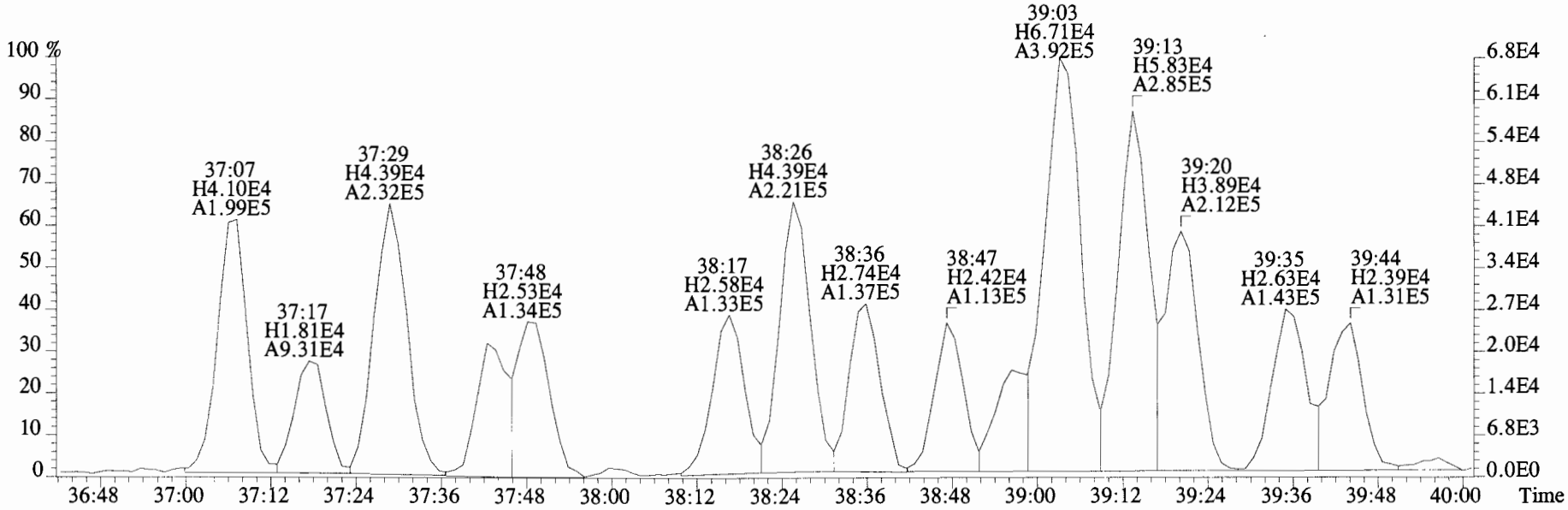
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0)



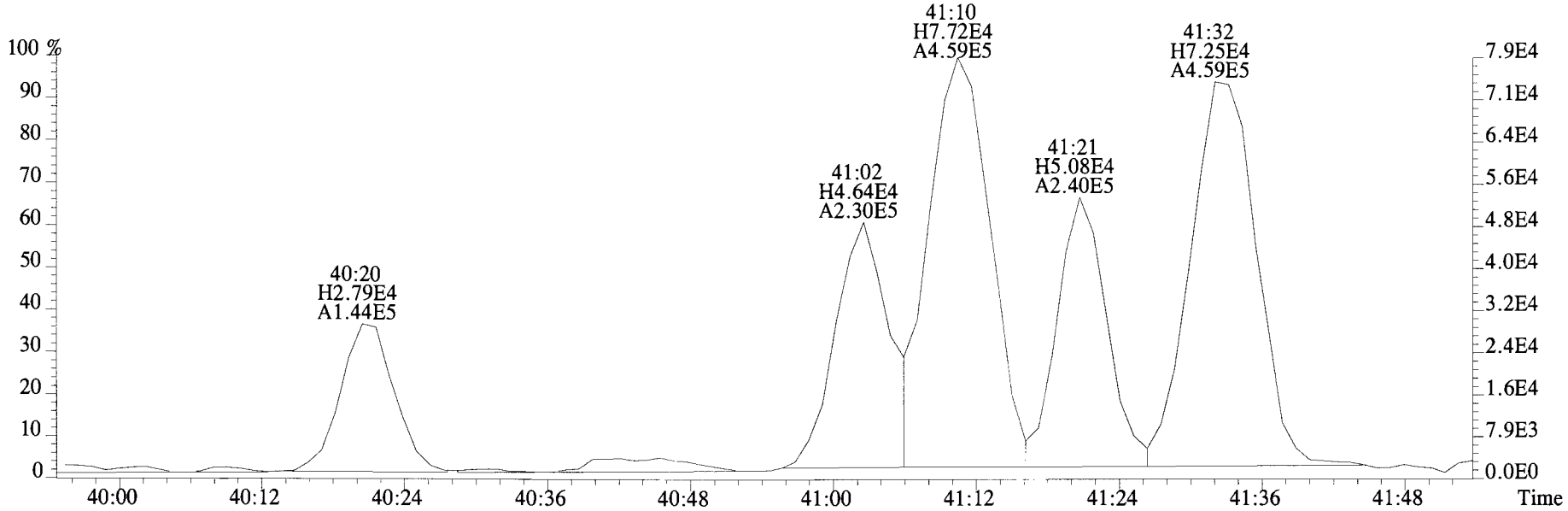
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0)



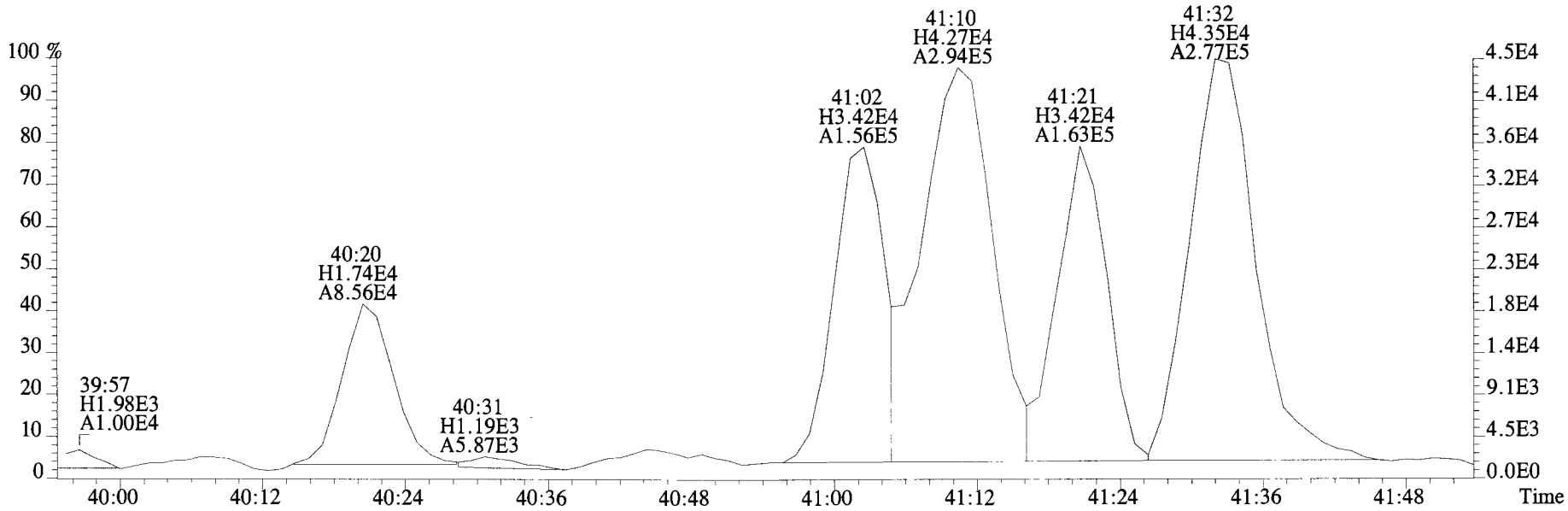
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0)



File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)

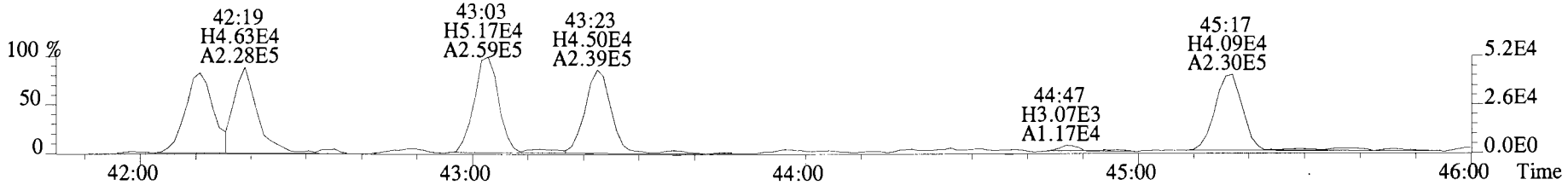


327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)

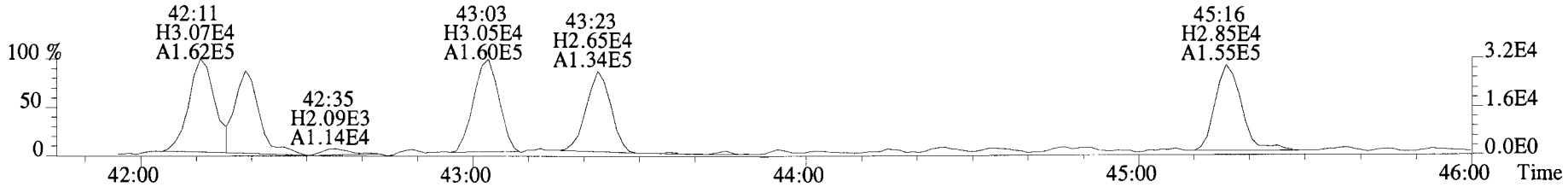


File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

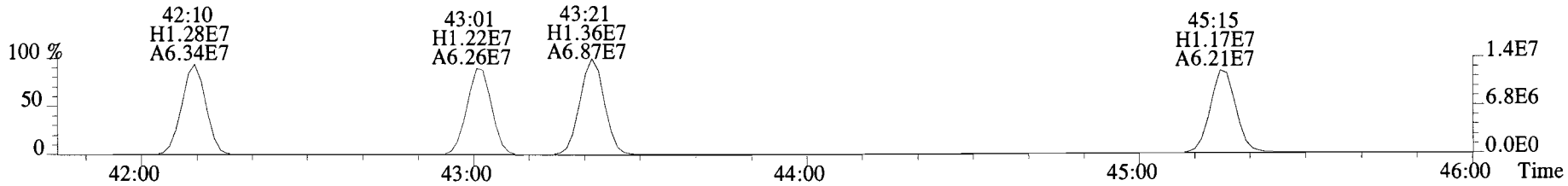
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



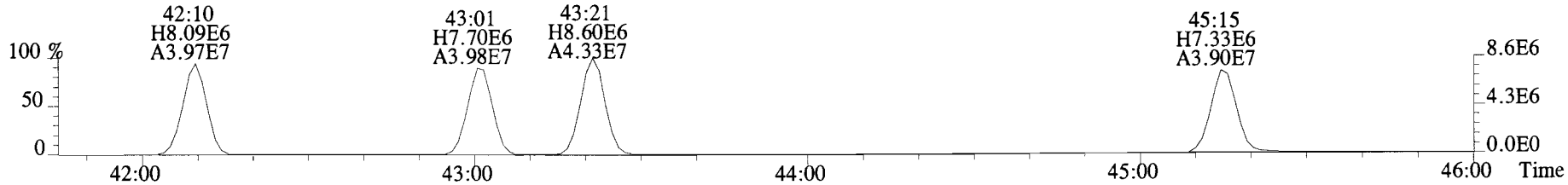
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



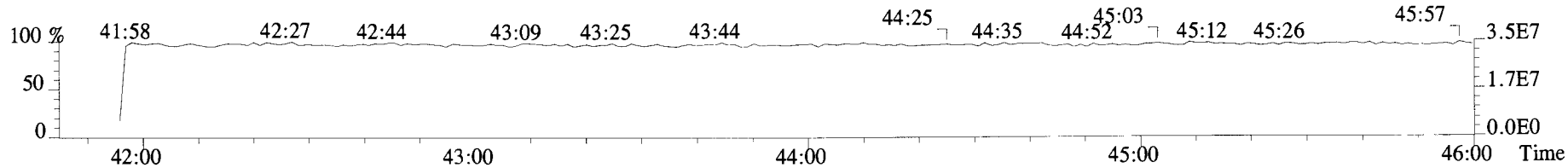
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6296.0,0.00%,F,F)



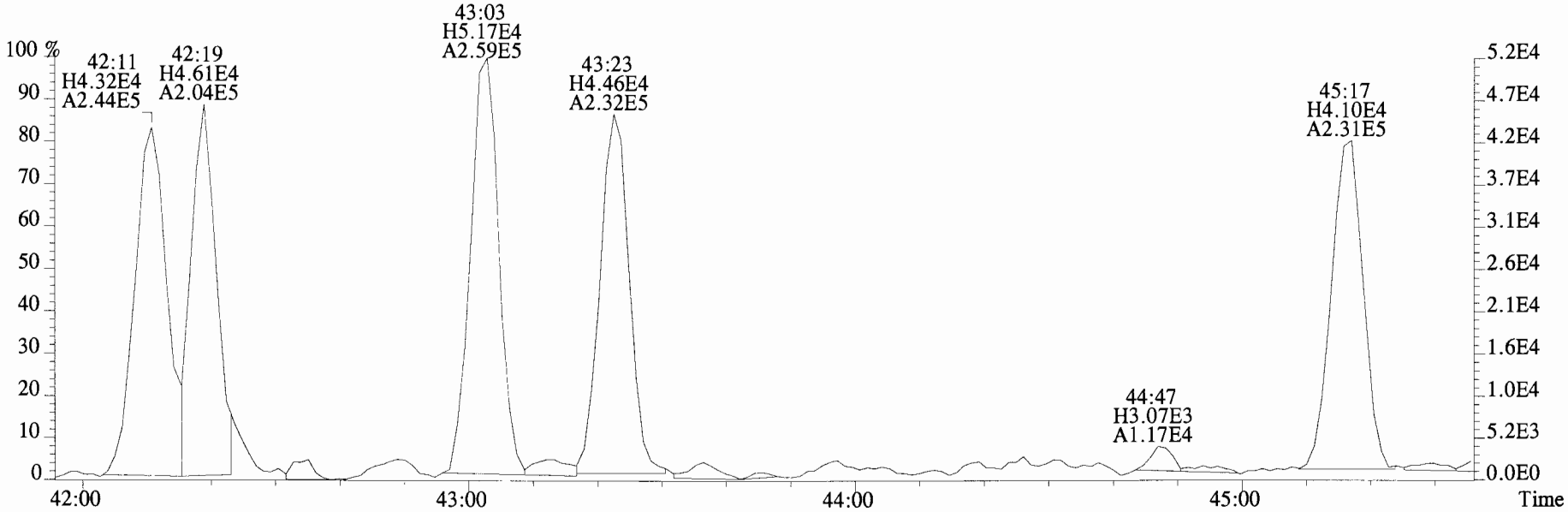
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



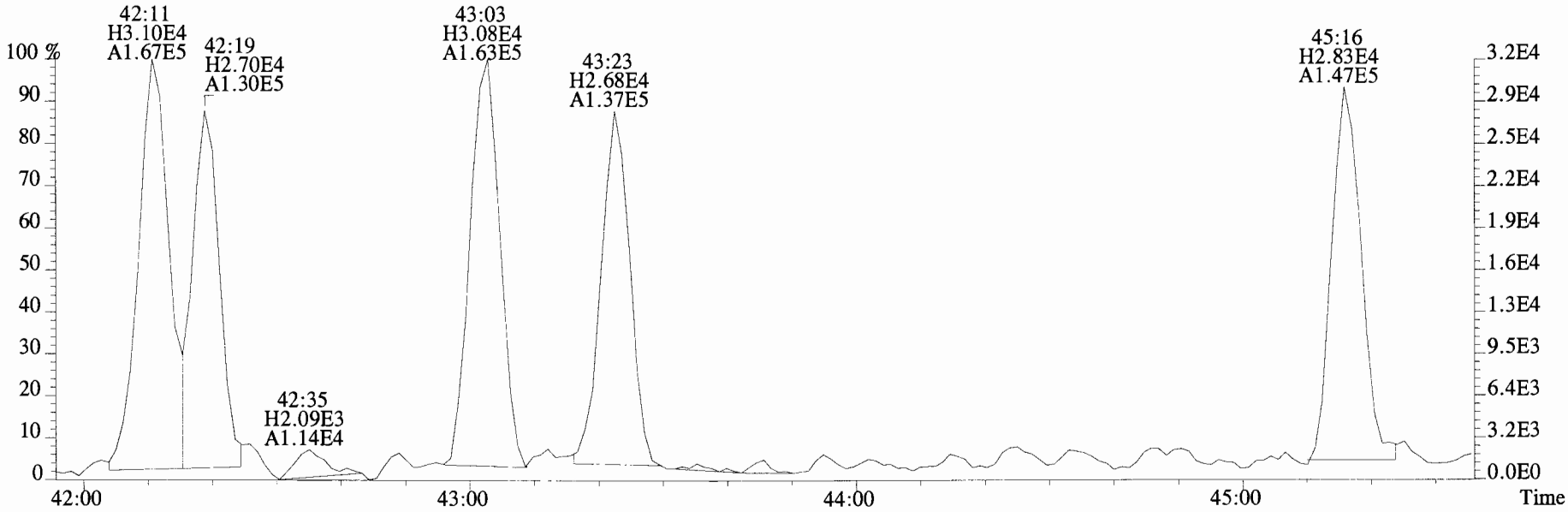
380.9760 F:4



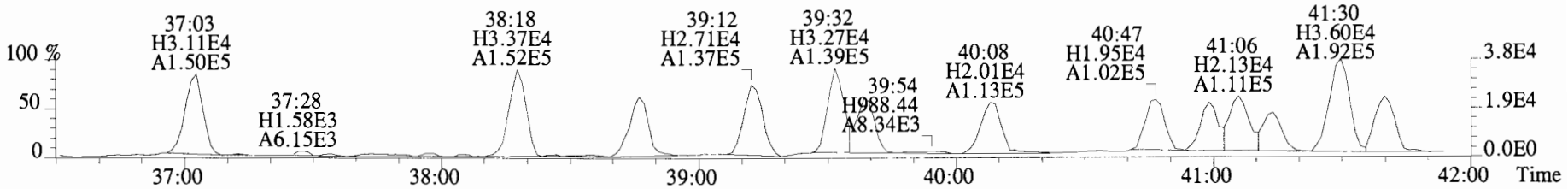
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



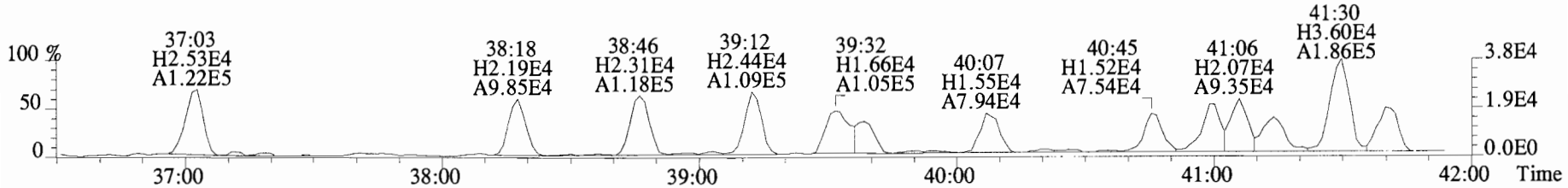
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



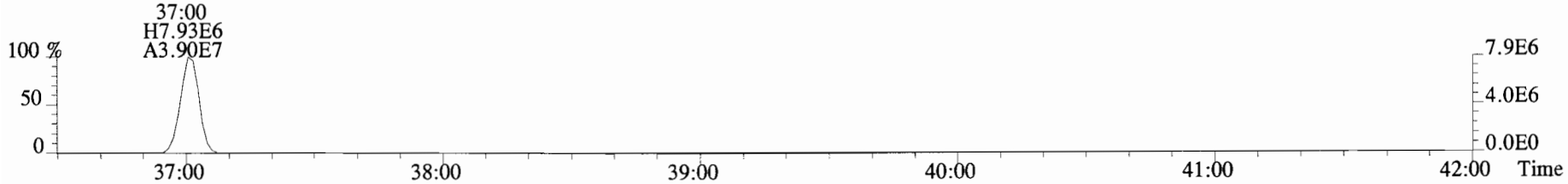
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



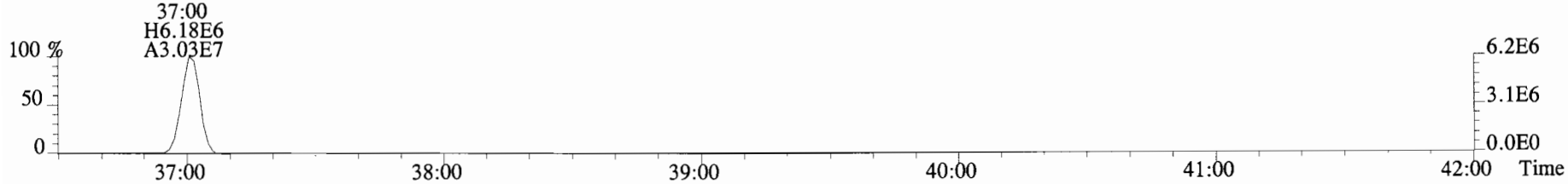
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



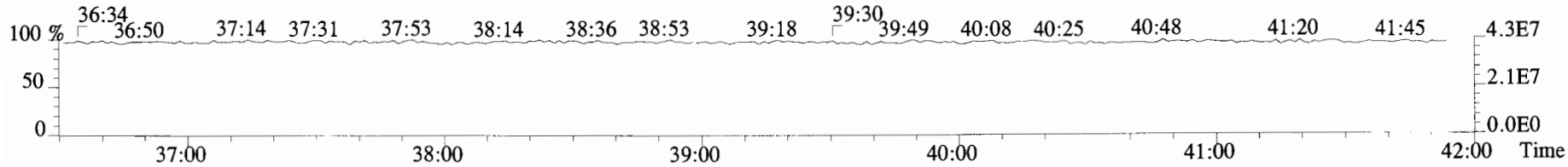
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



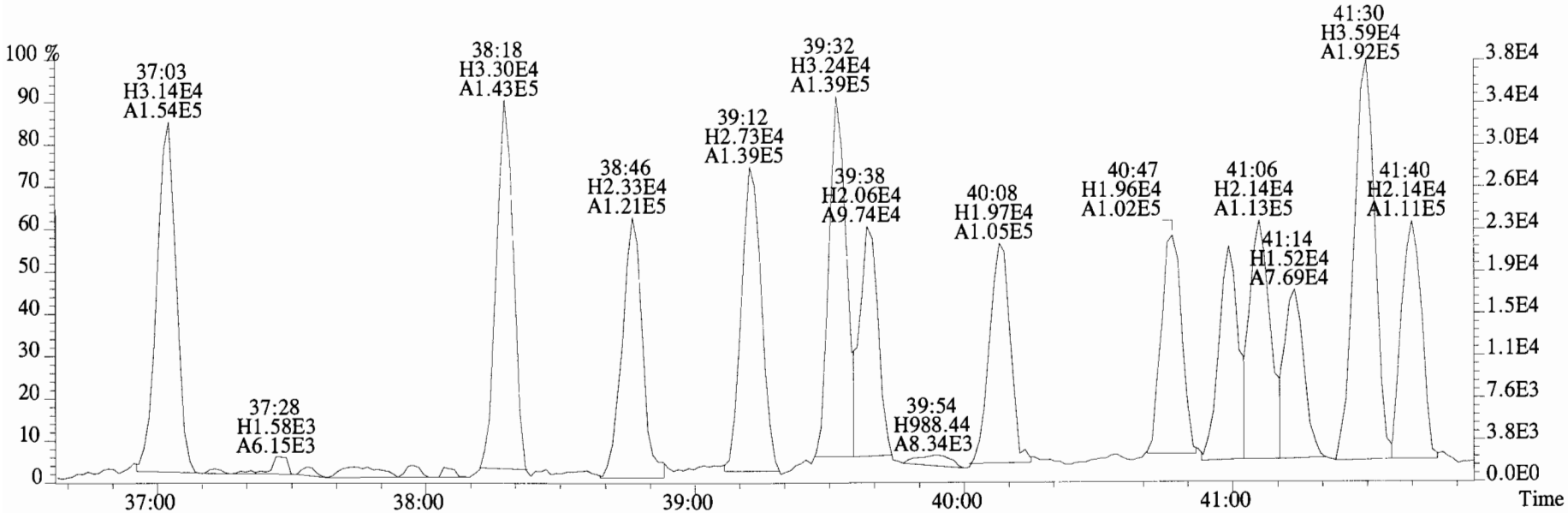
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



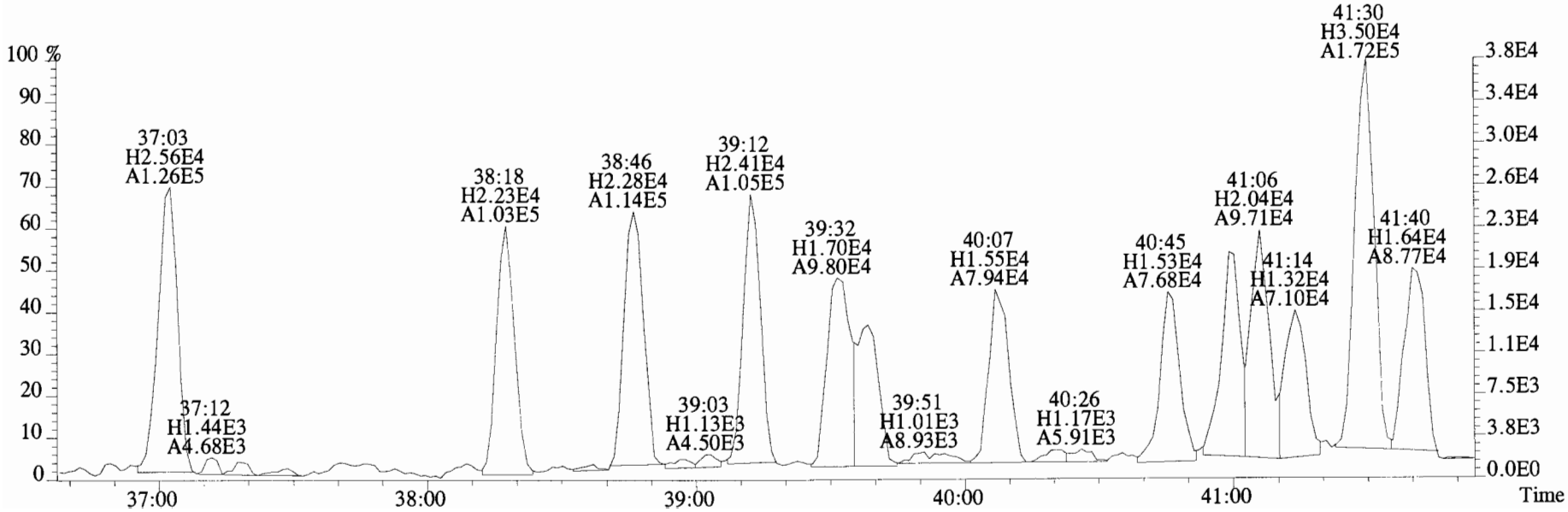
330.9792 F:3



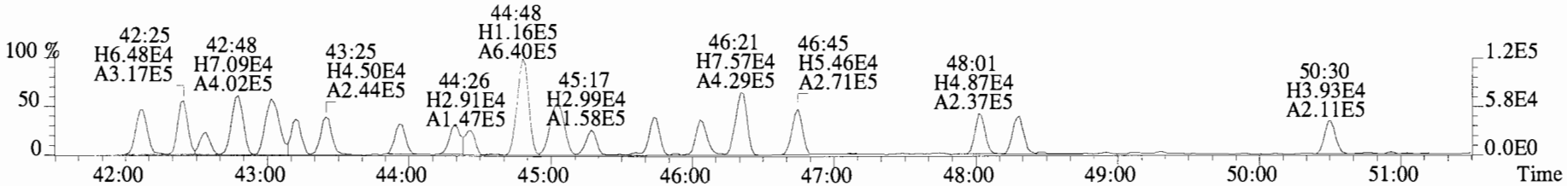
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



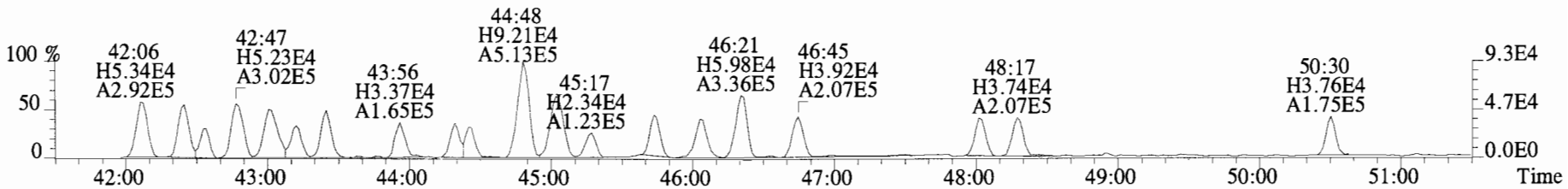
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



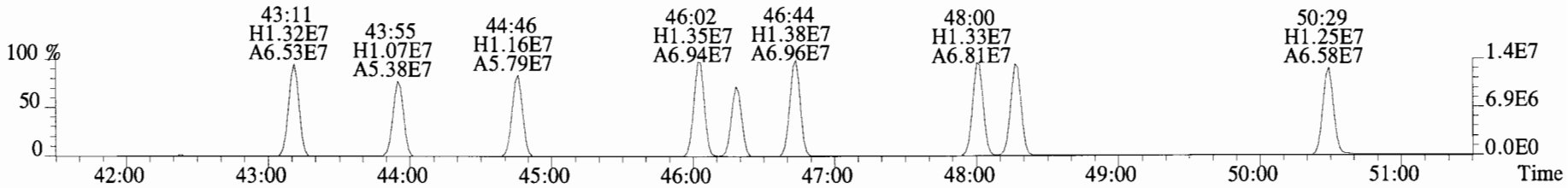
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



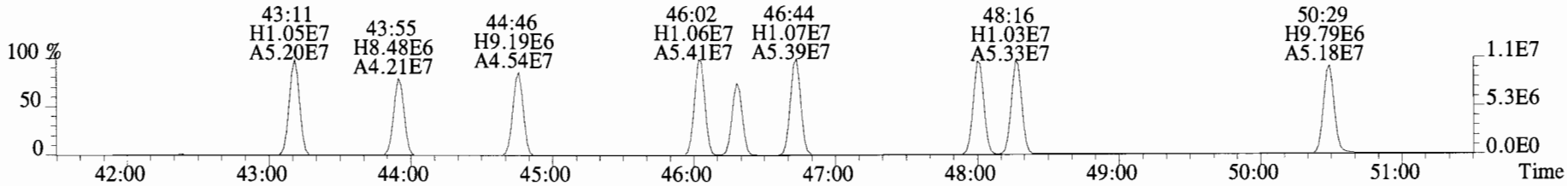
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2644.0,0.00%,F,F)



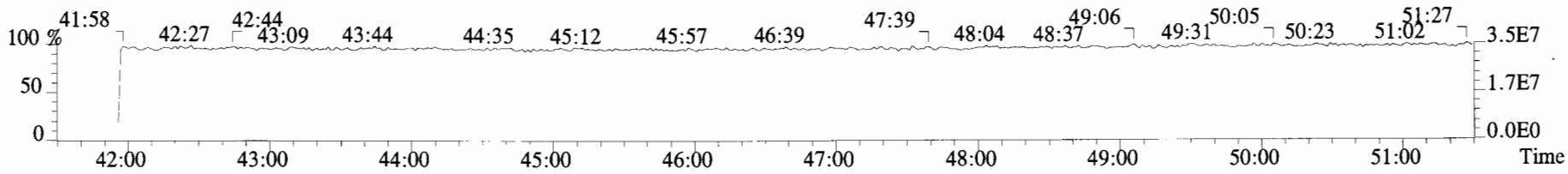
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19580.0,0.00%,F,F)



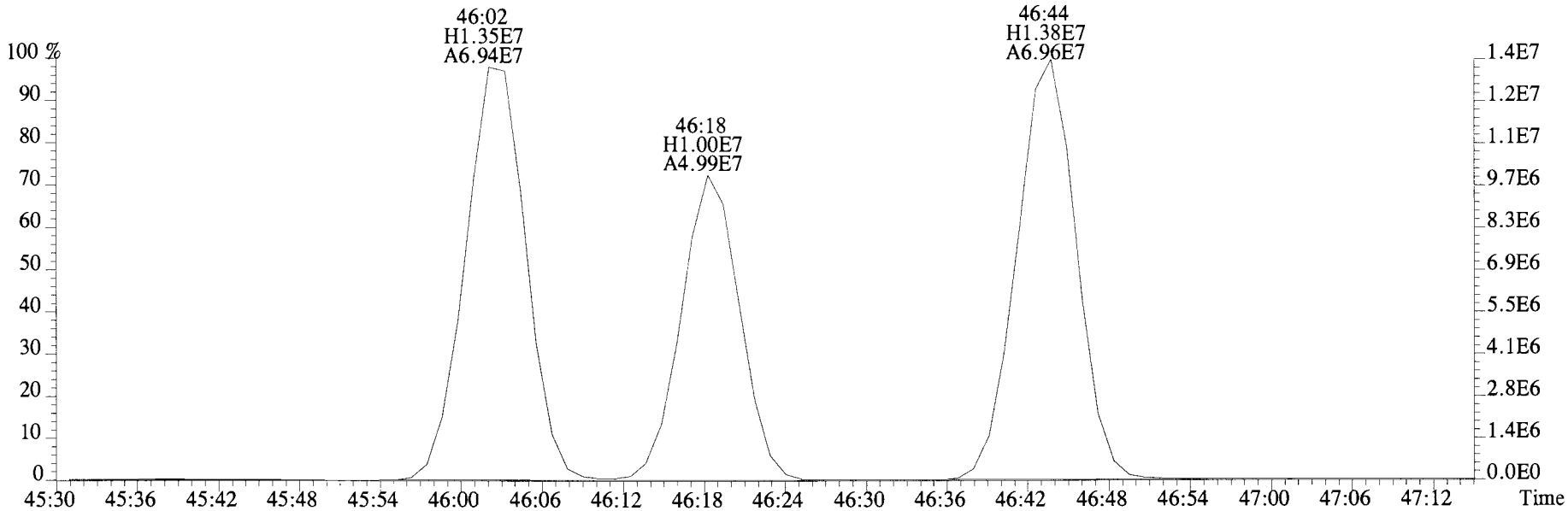
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15940.0,0.00%,F,F)



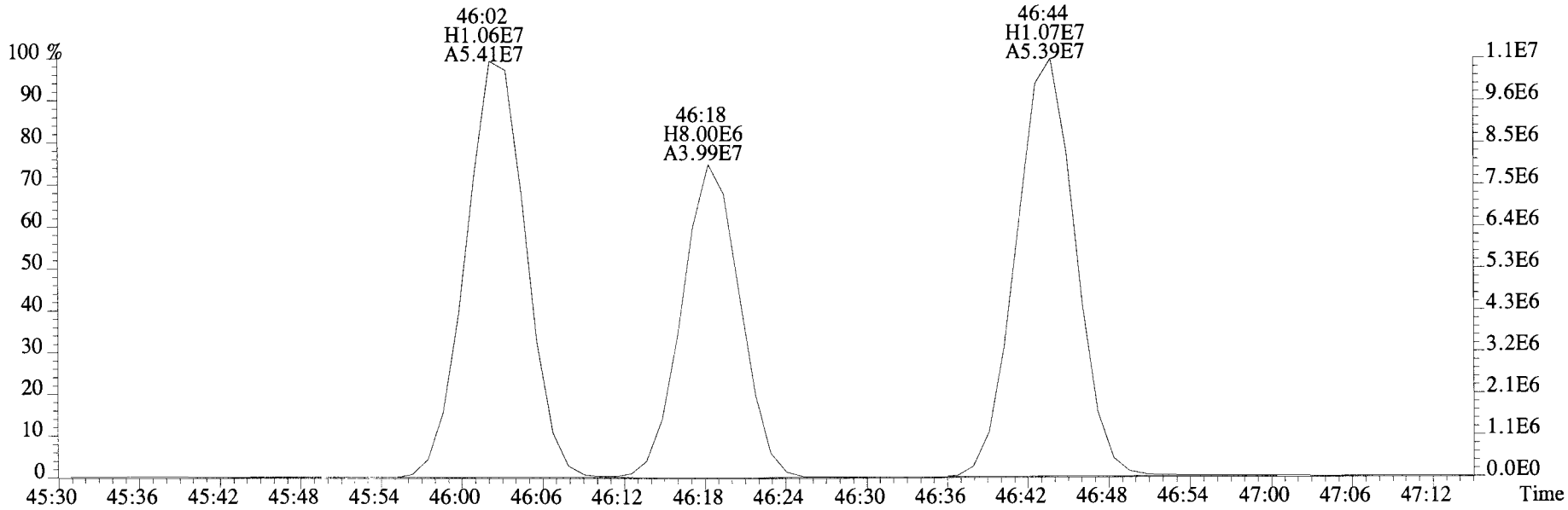
380.9760 F:4



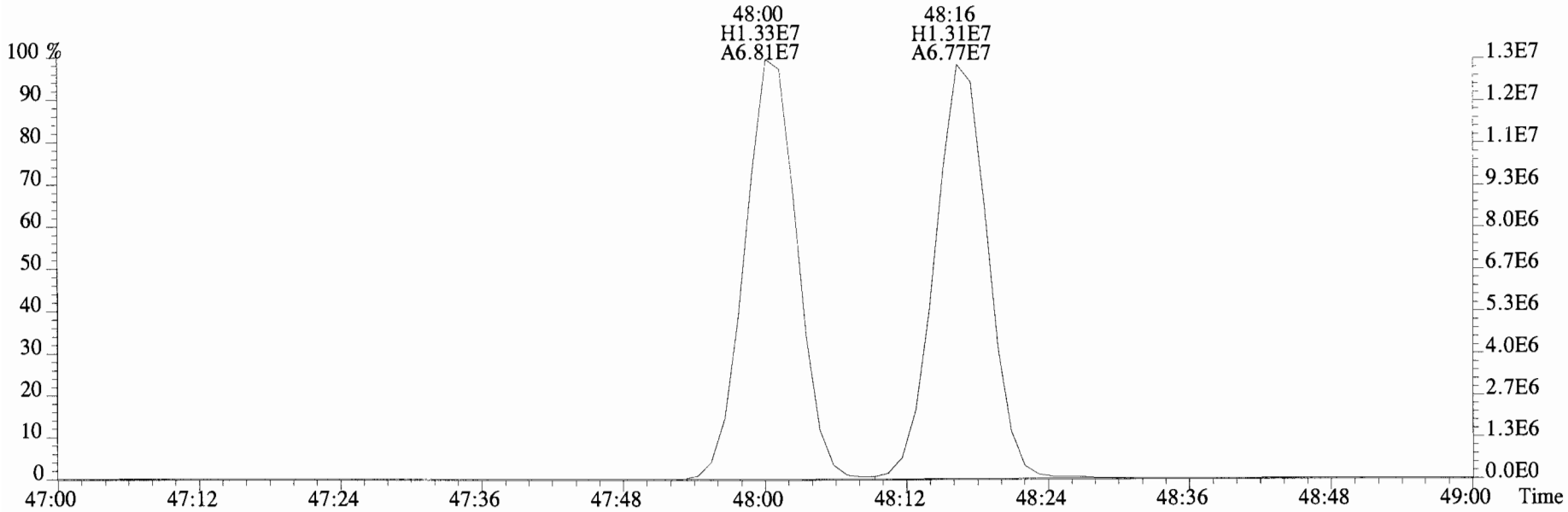
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19580.0,0.00%,F,F)



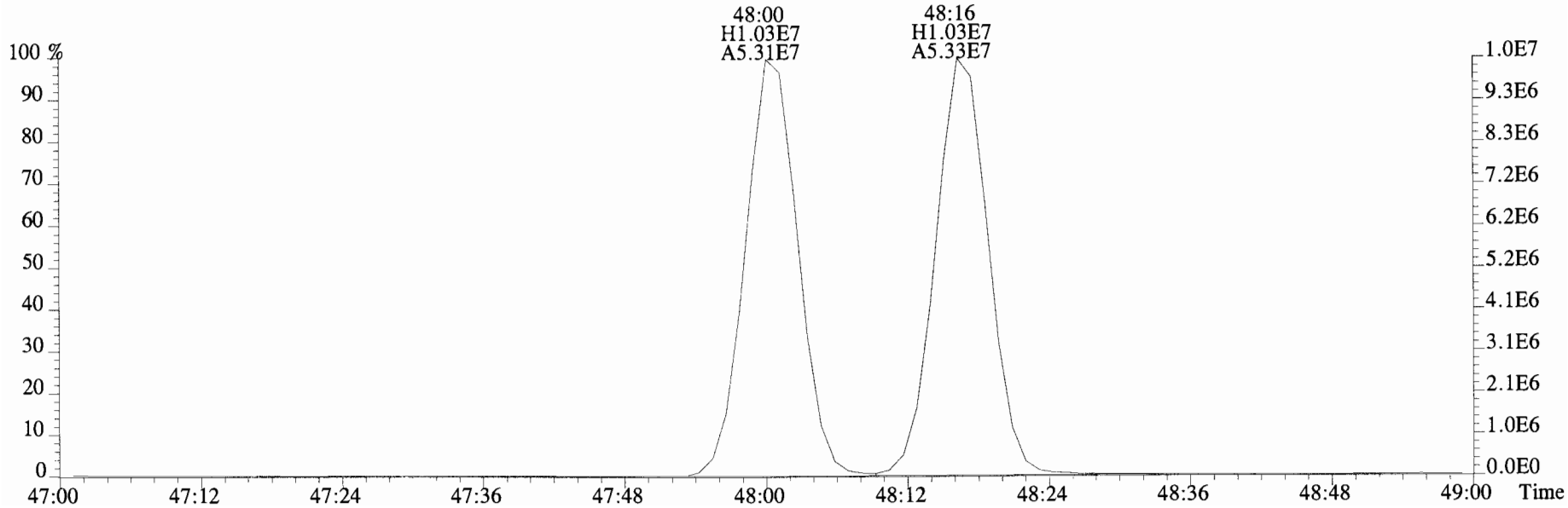
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15940.0,0.00%,F,F)



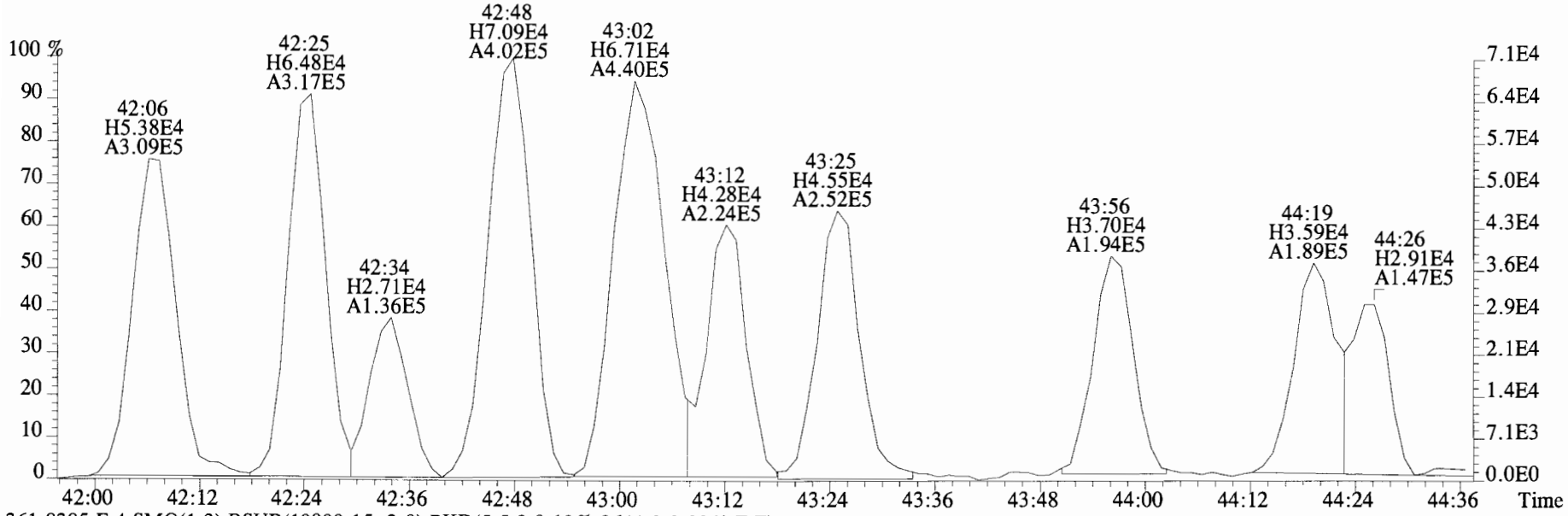
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19580.0,0.00%,F,F)



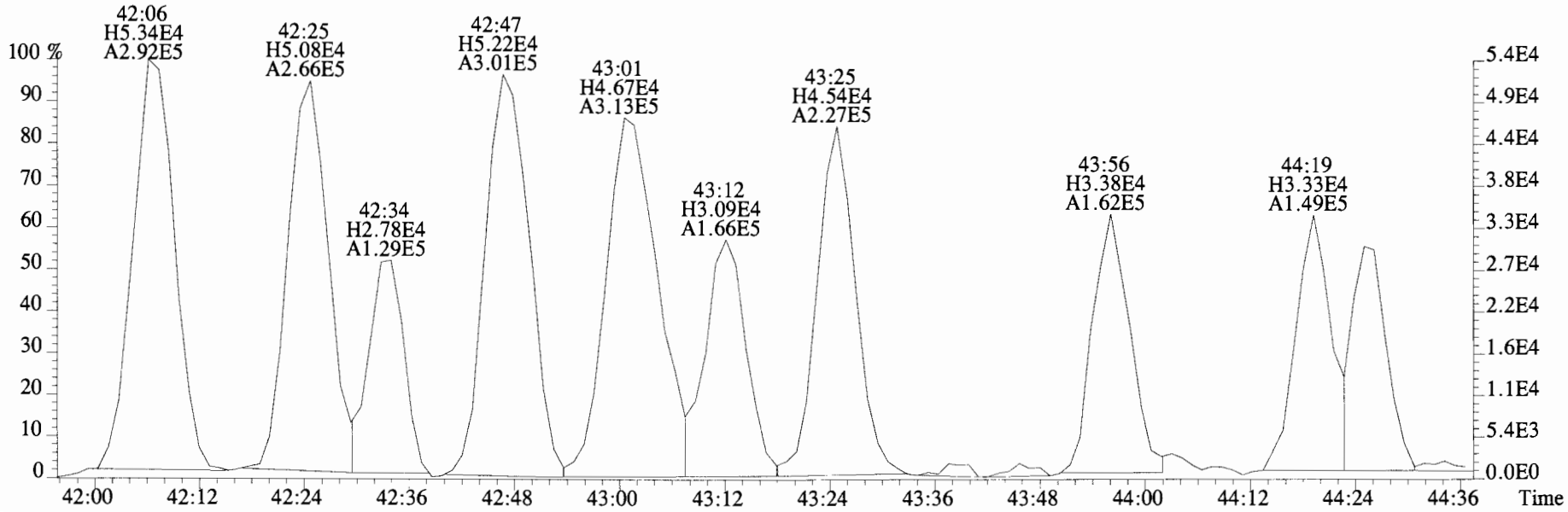
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15940.0,0.00%,F,F)



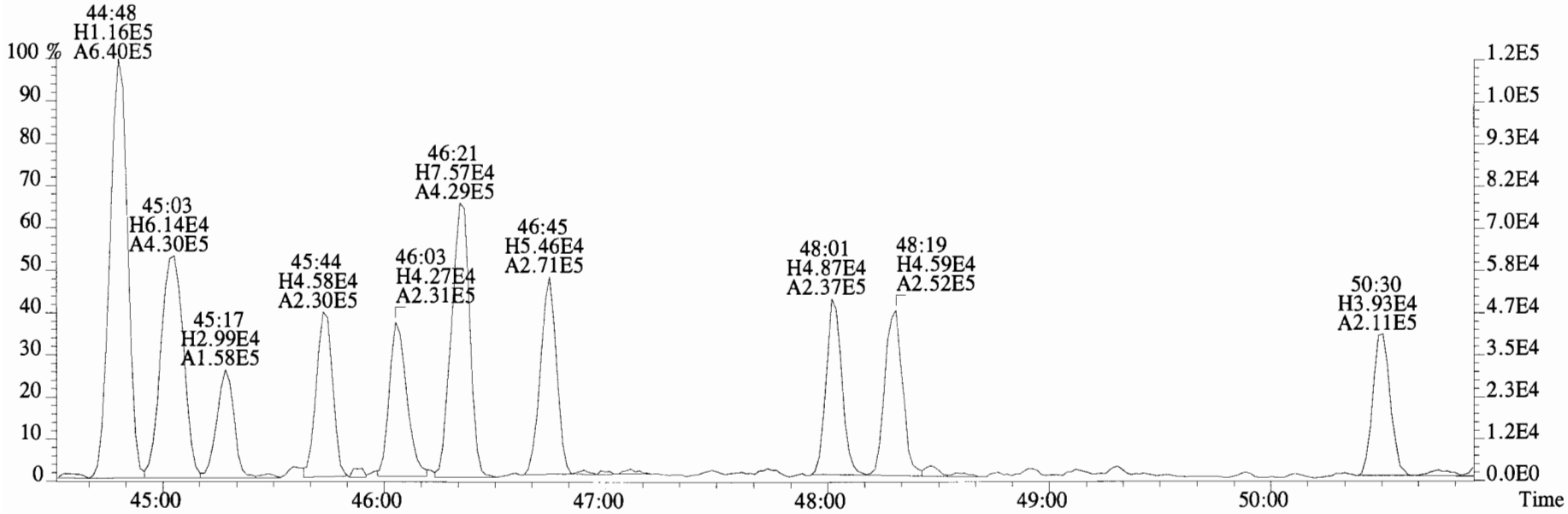
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



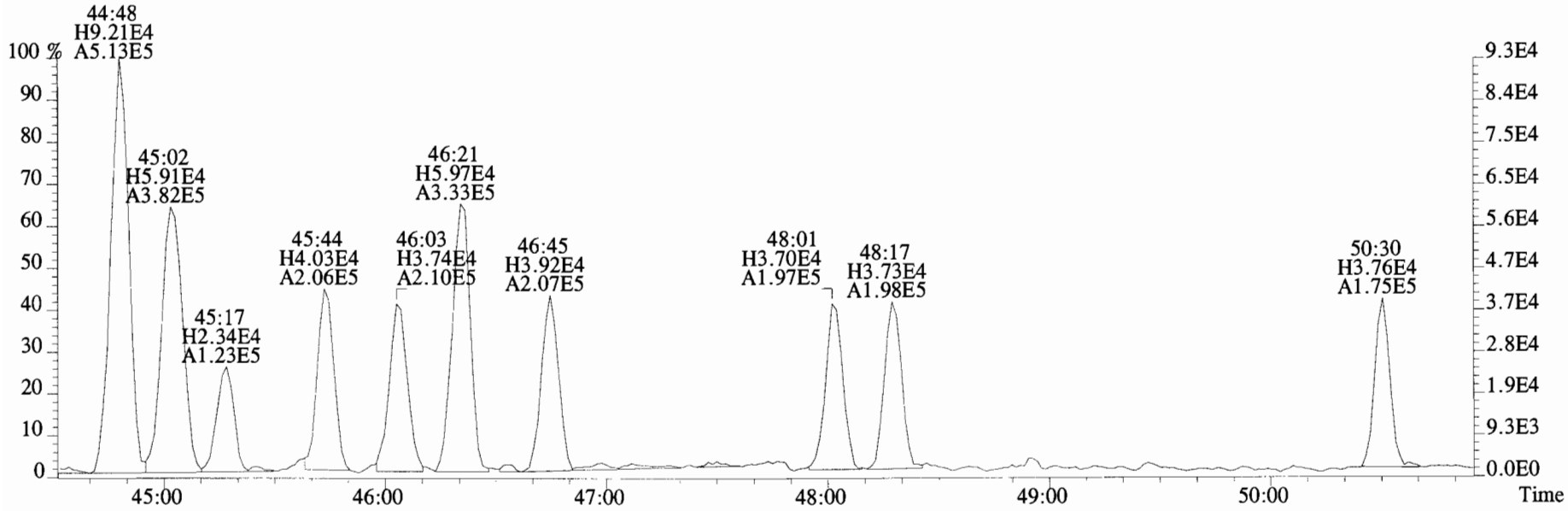
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2644.0,0.00%,F,F)



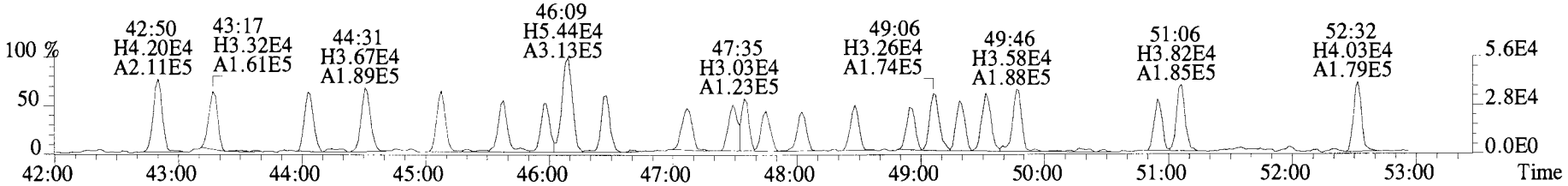
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



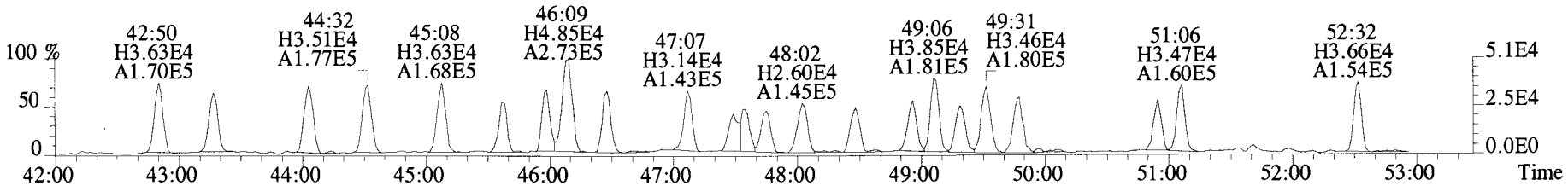
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2644.0,0.00%,F,F)



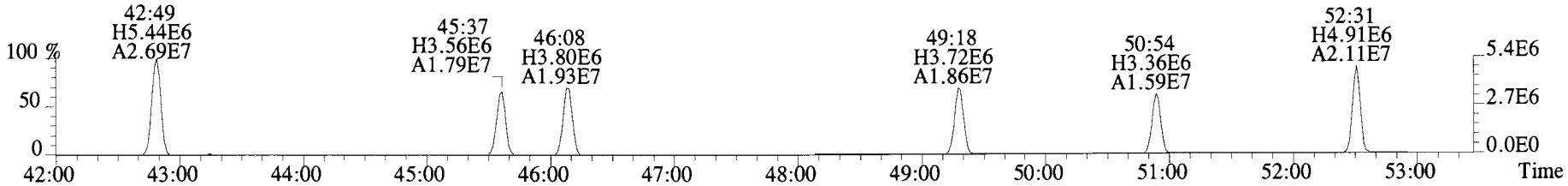
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



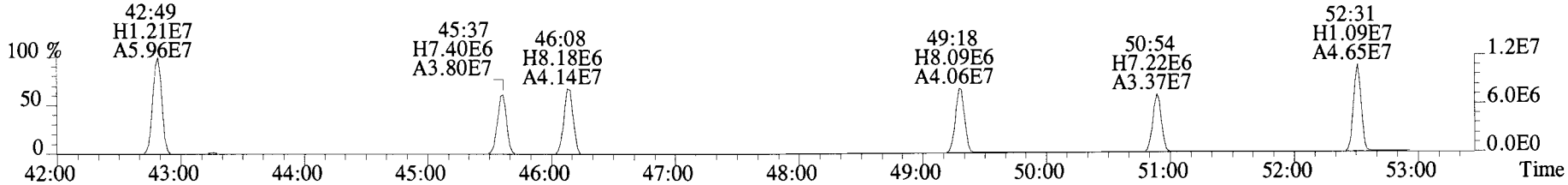
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



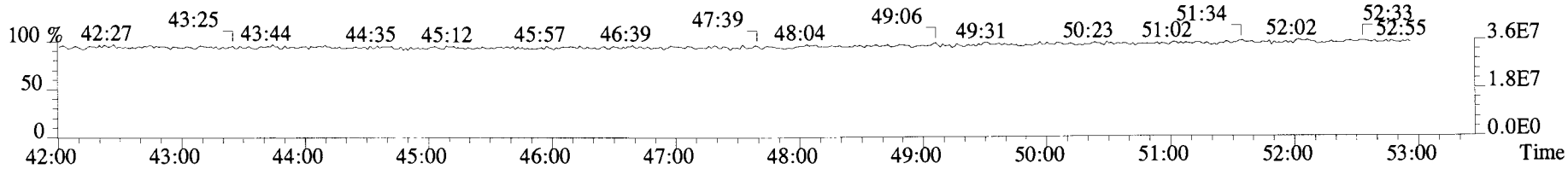
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6224.0,0.00%,F,F)



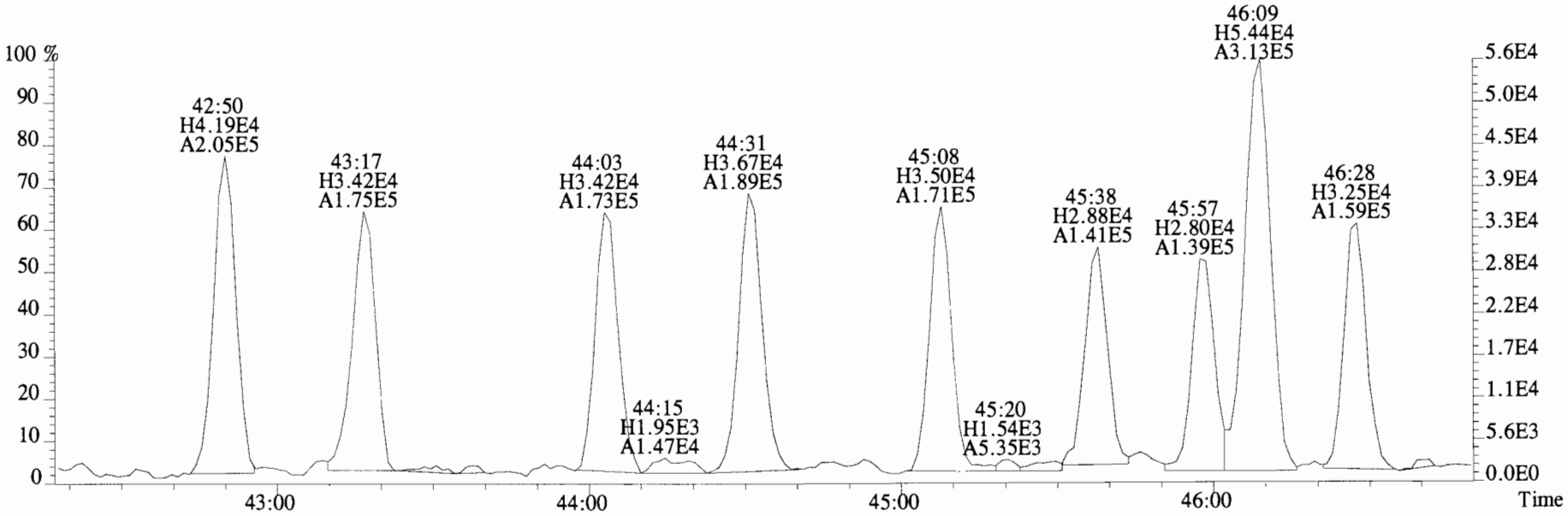
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11620.0,0.00%,F,F)



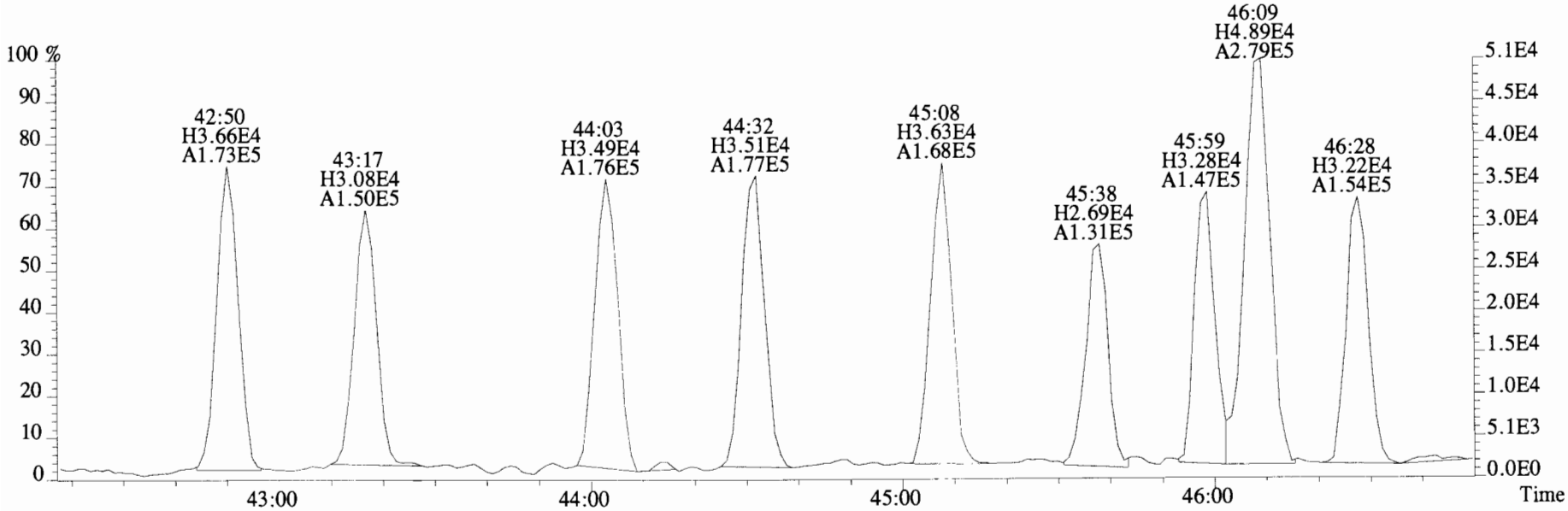
380.9760 F:4



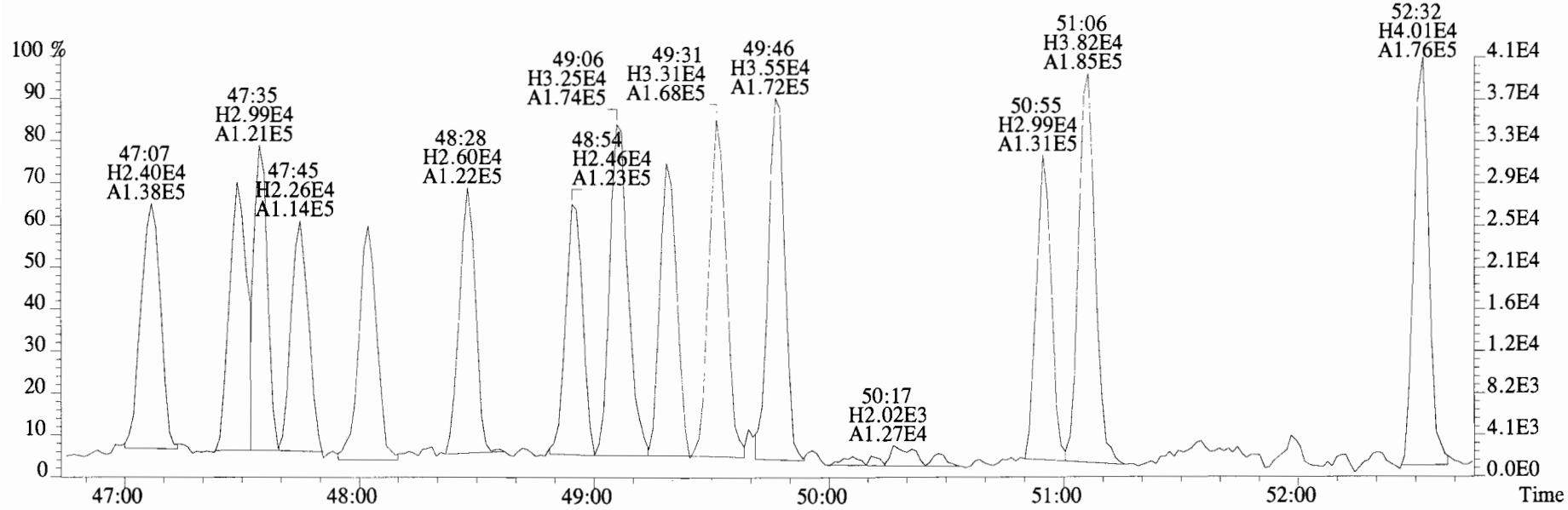
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



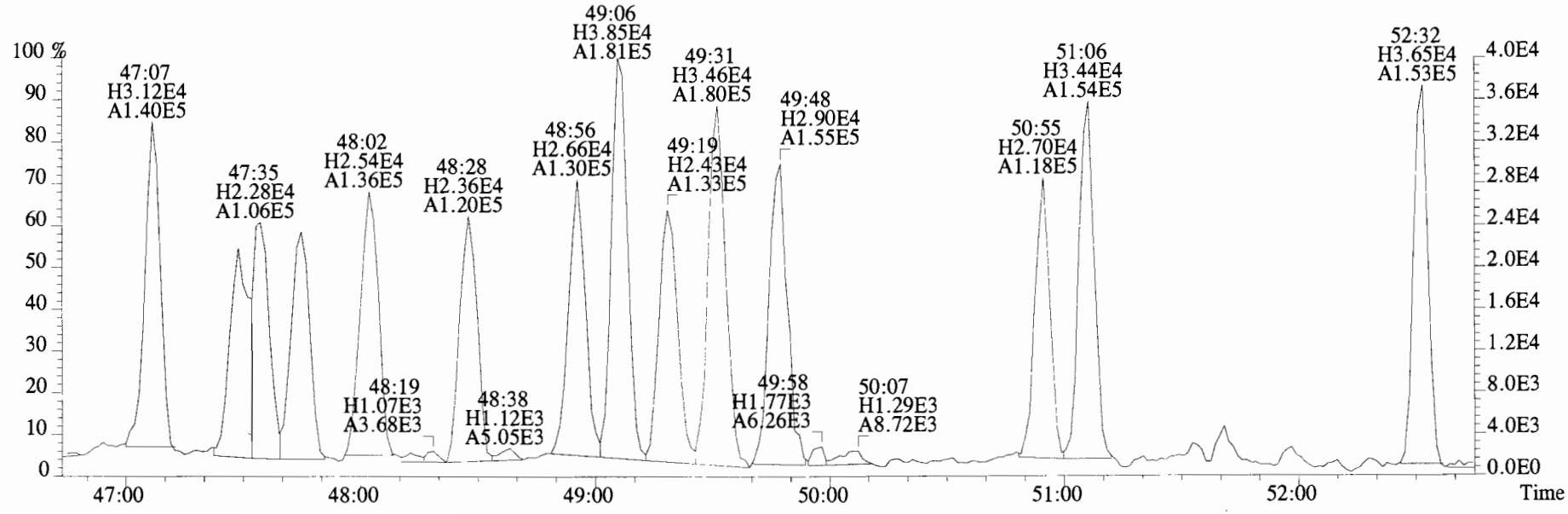
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



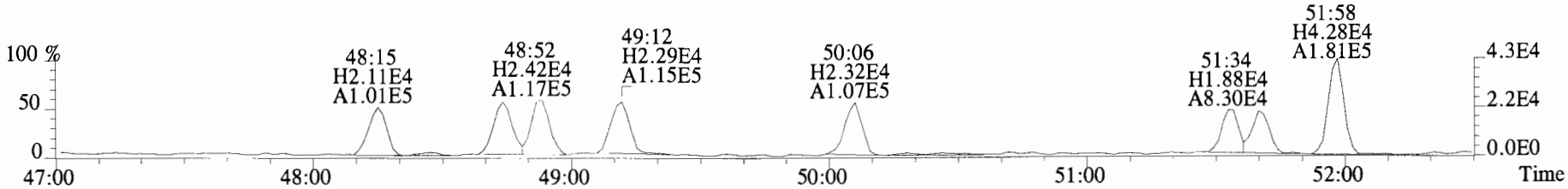
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



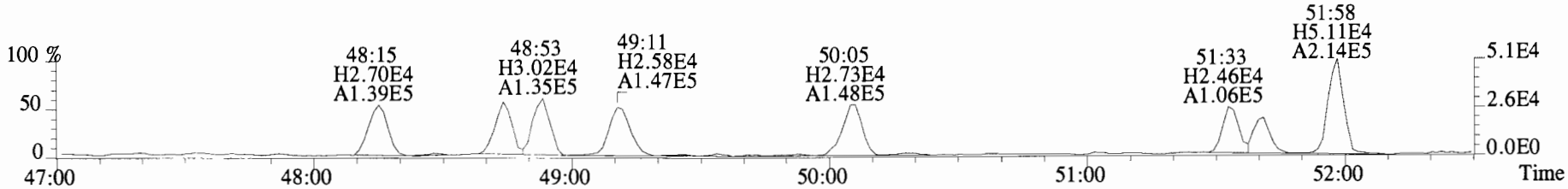
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



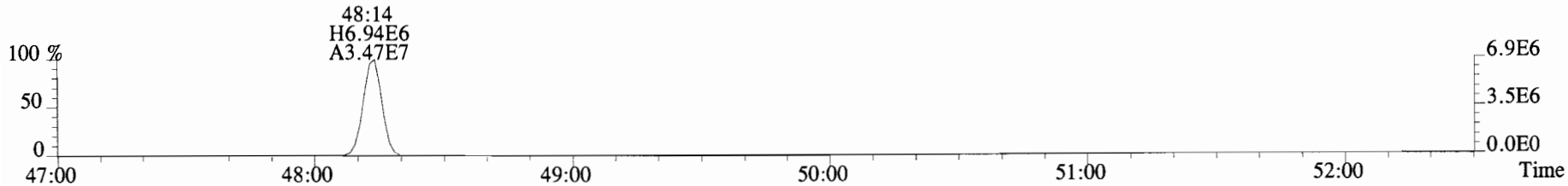
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



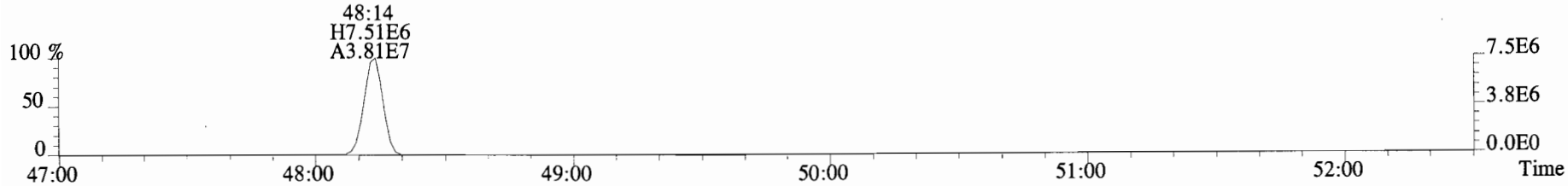
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1432.0,0.00%,F,F)



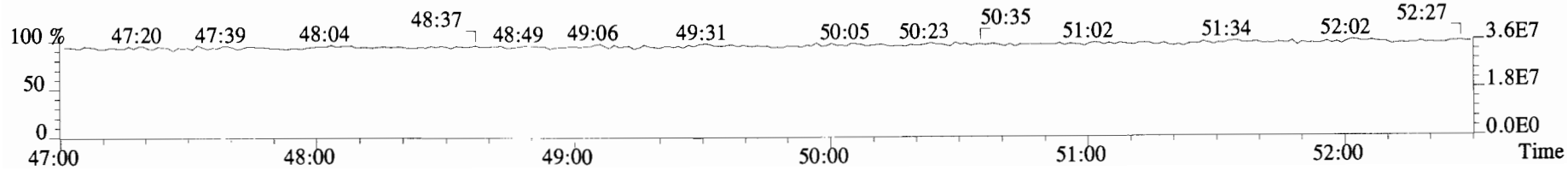
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



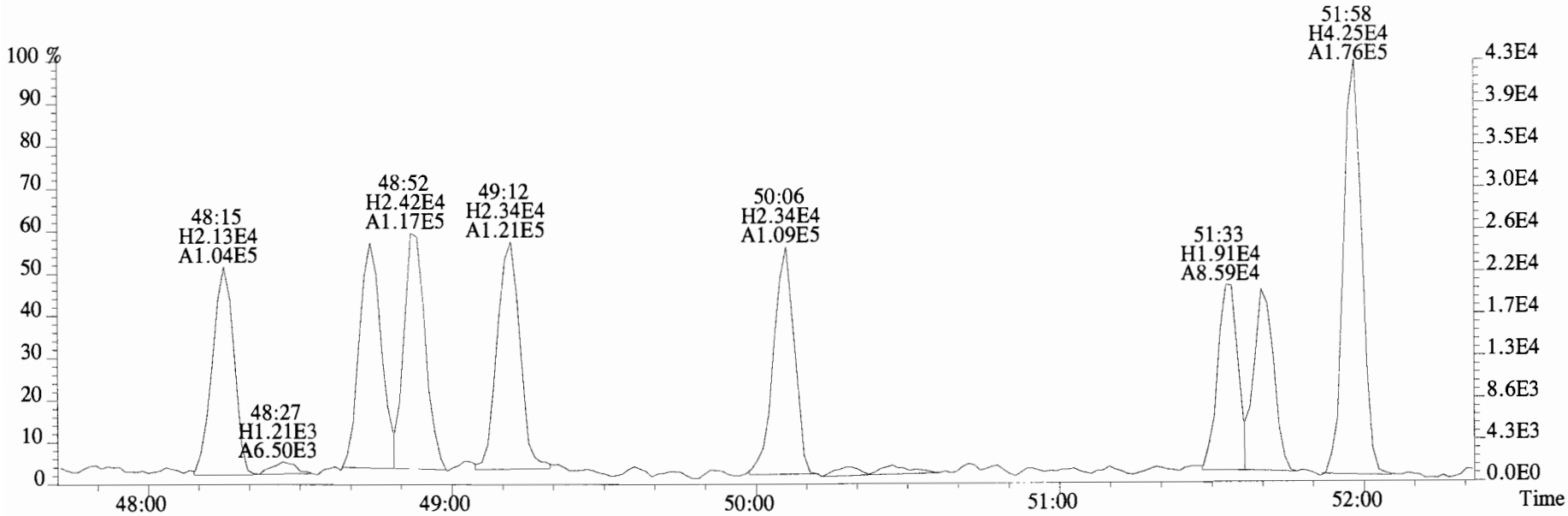
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



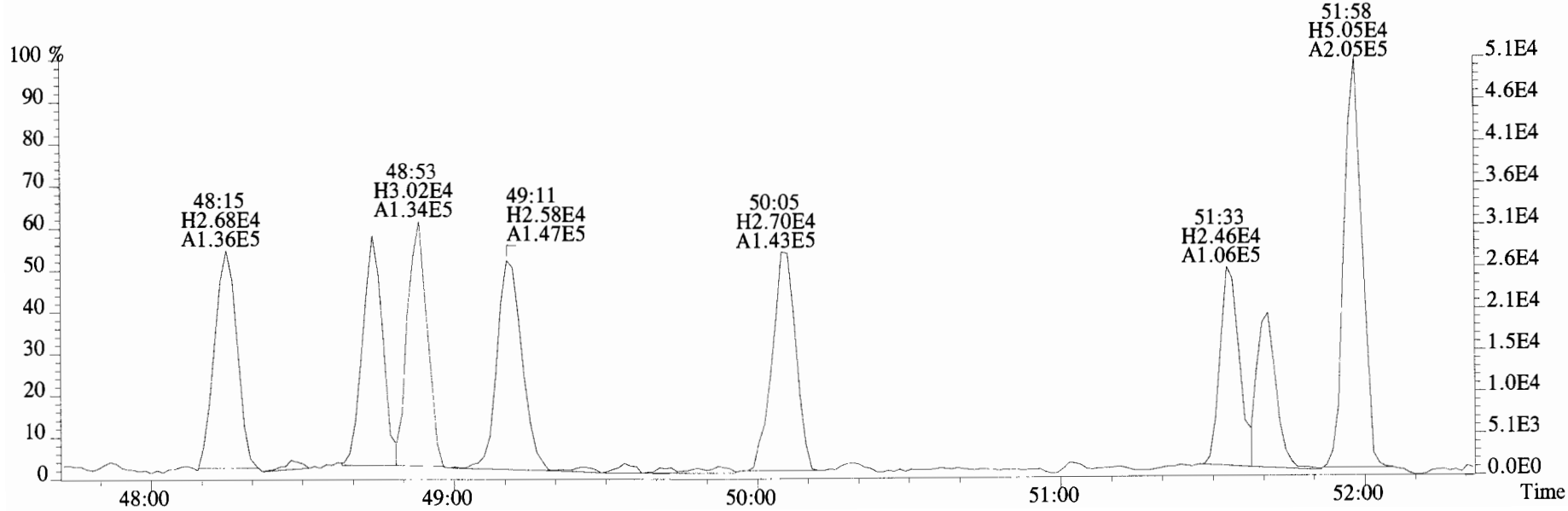
380.9760 F:4



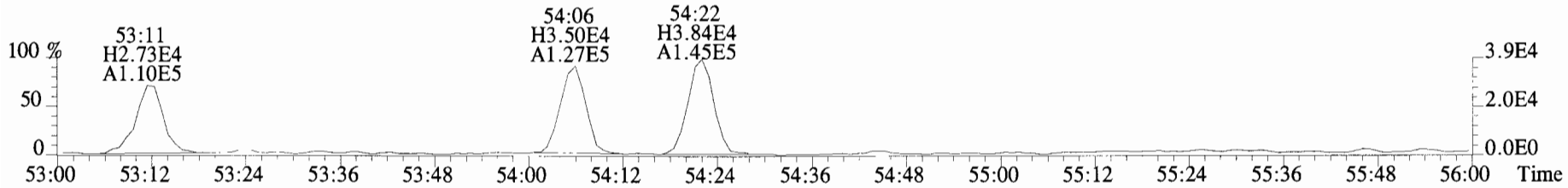
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



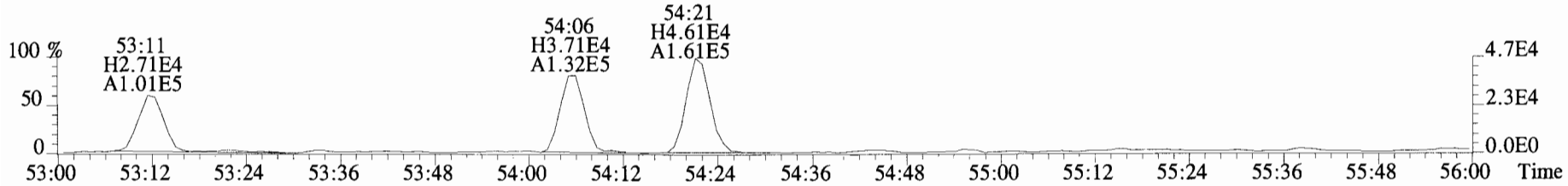
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1432.0,0.00%,F,F)



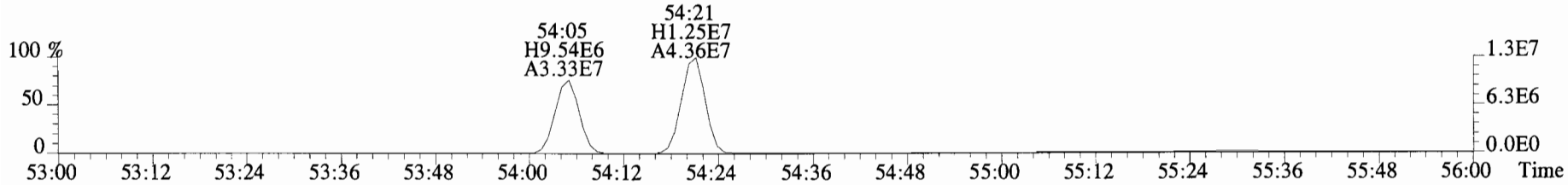
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1376.0,0.00%,F,F)



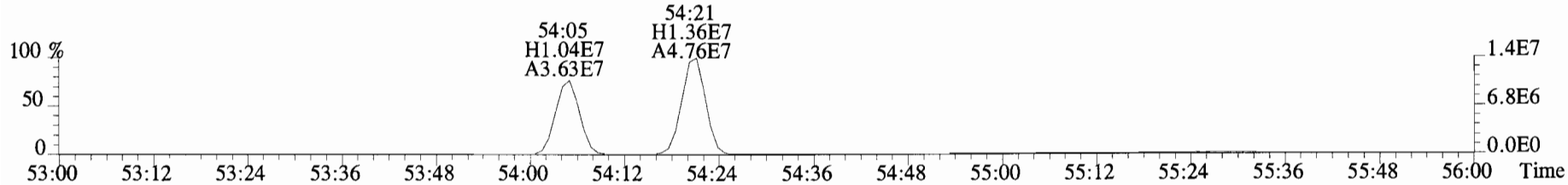
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



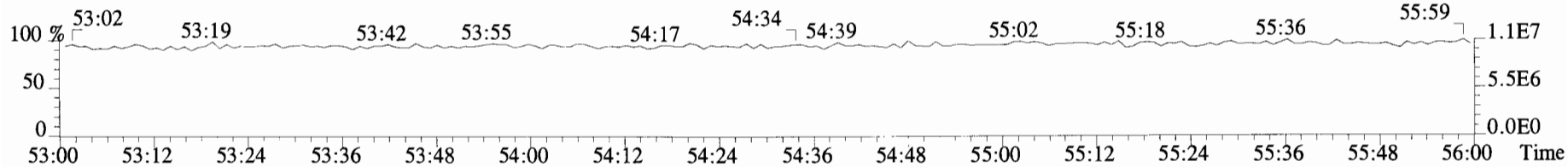
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5860.0,0.00%,F,F)



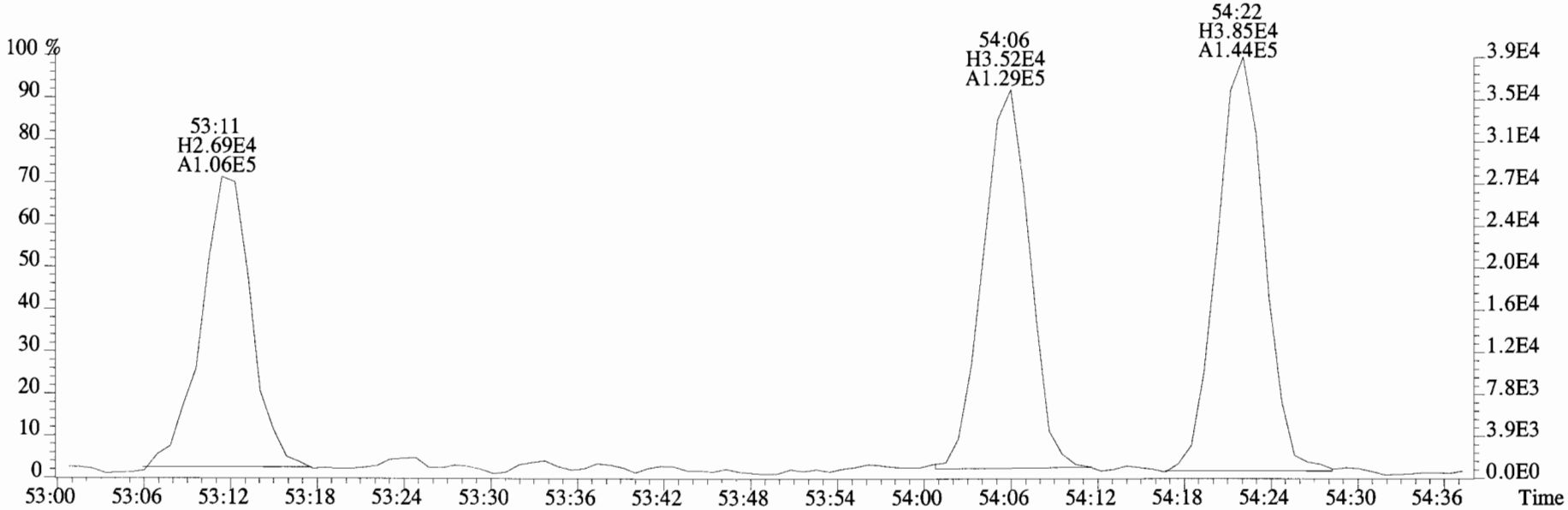
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6776.0,0.00%,F,F)



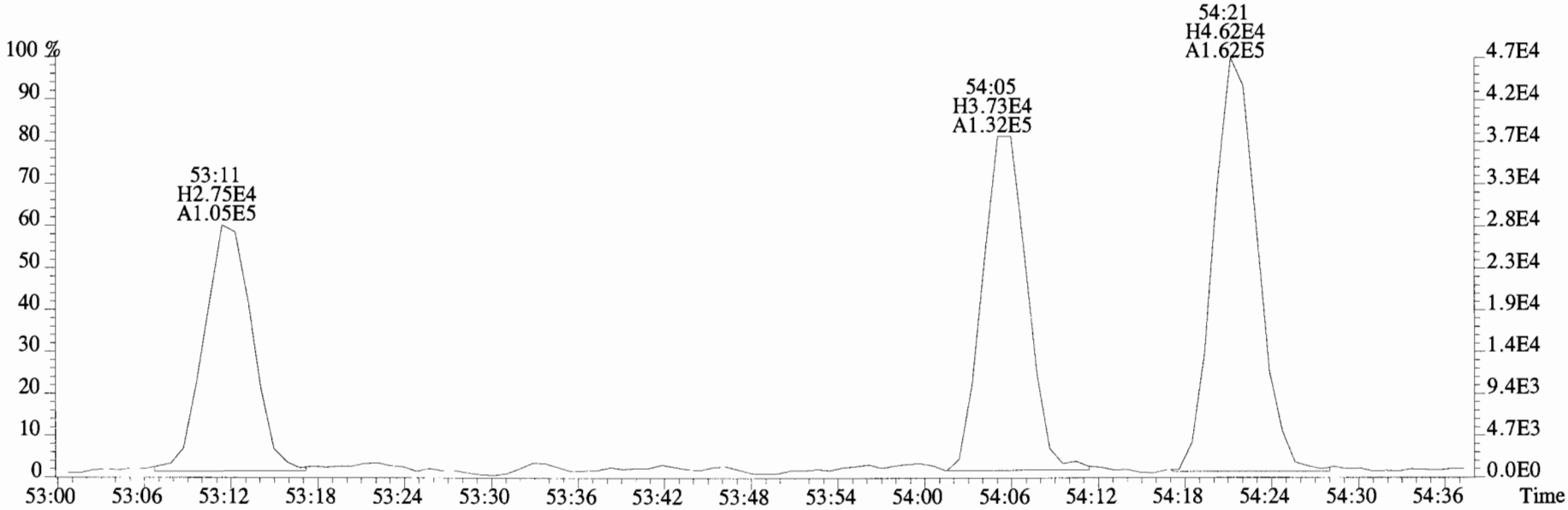
492.9697 F:5



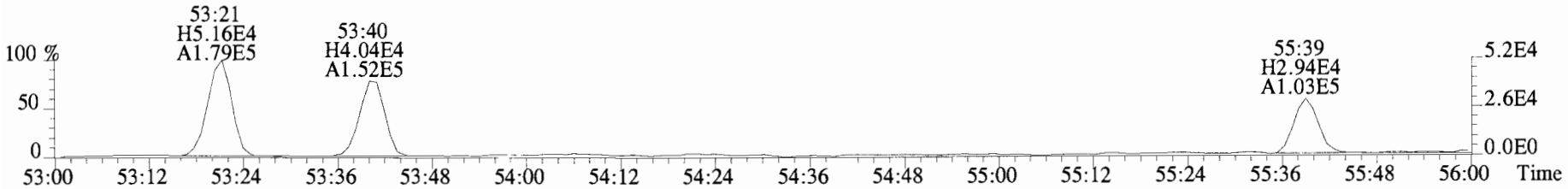
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1376.0,0.00%,F,F)



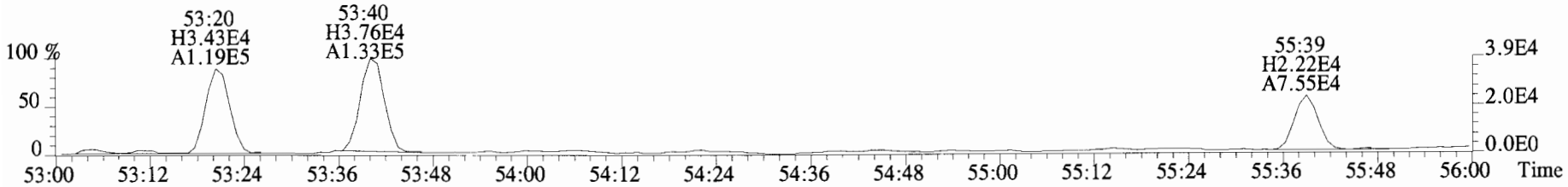
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



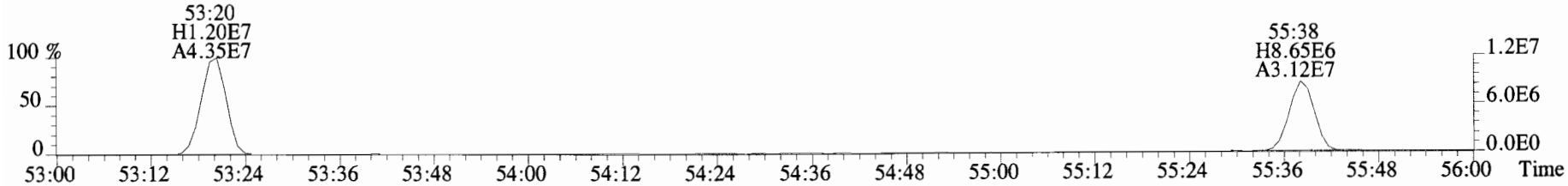
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



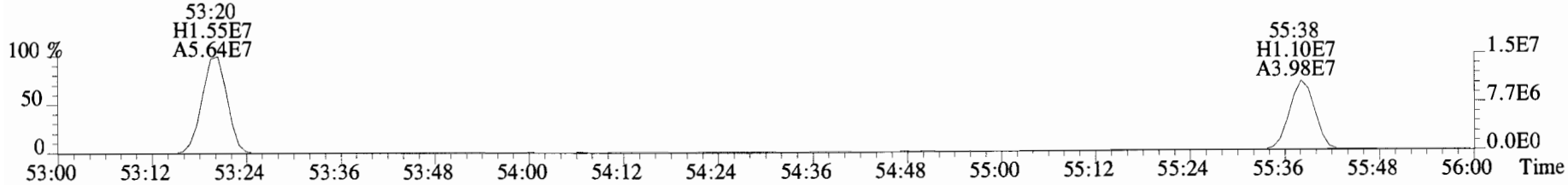
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



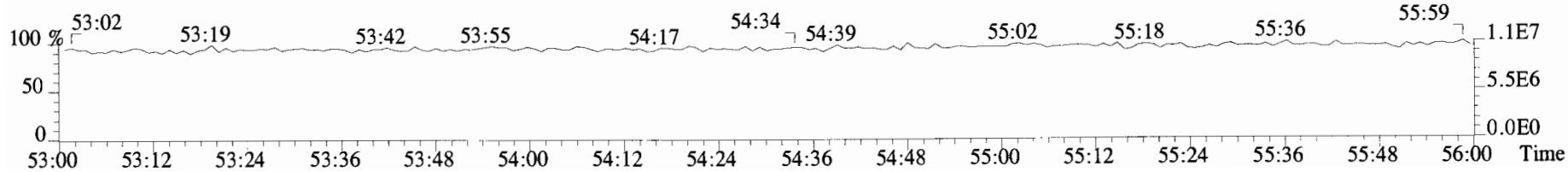
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38100.0,0.00%,F,F)



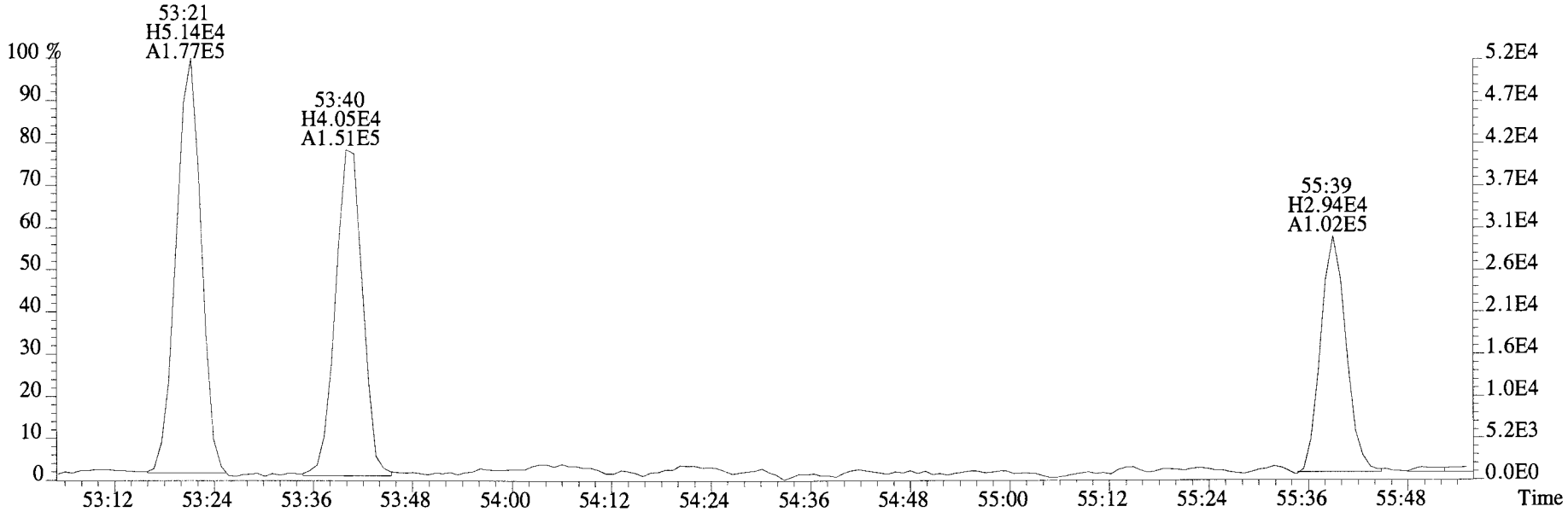
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52360.0,0.00%,F,F)



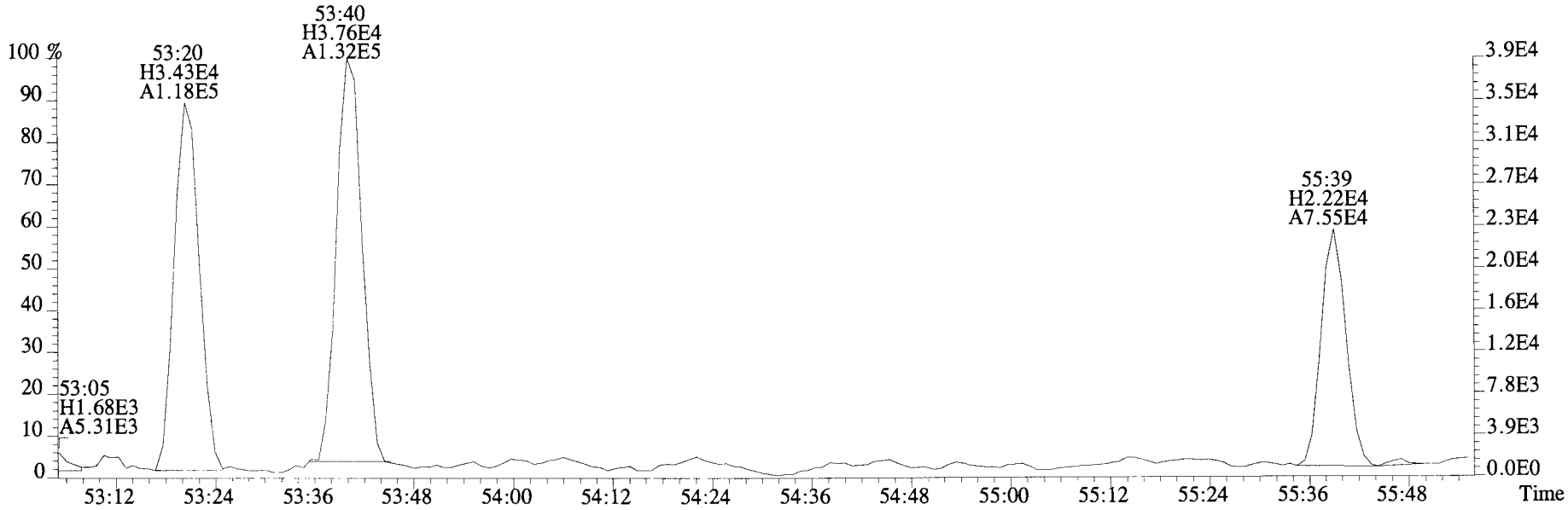
492.9697 F:5



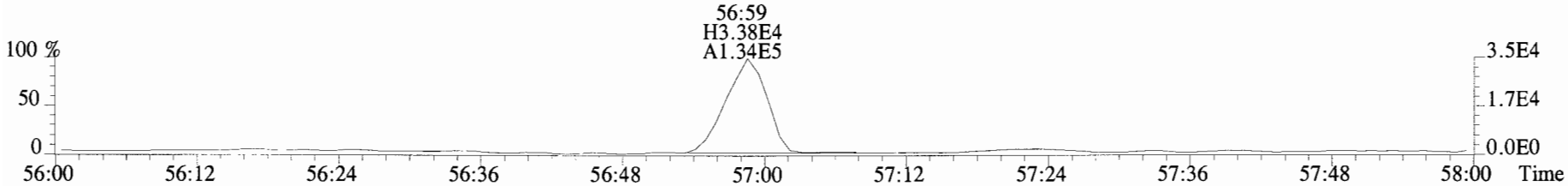
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



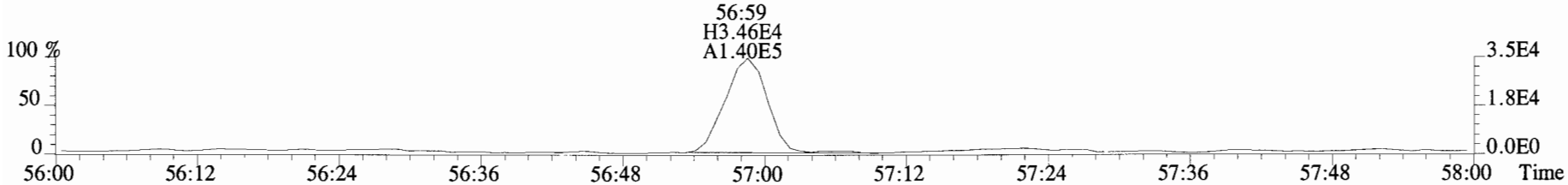
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



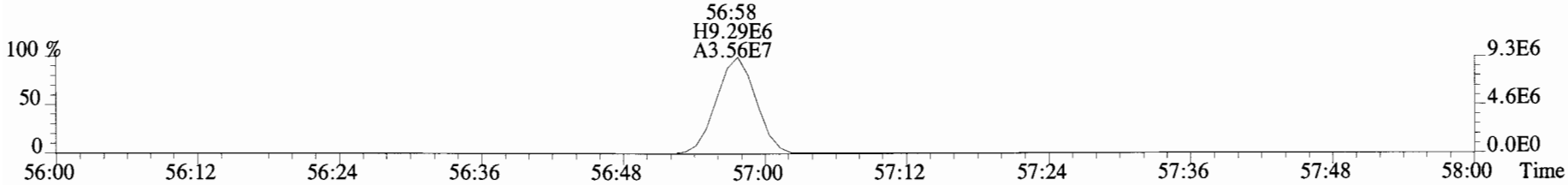
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



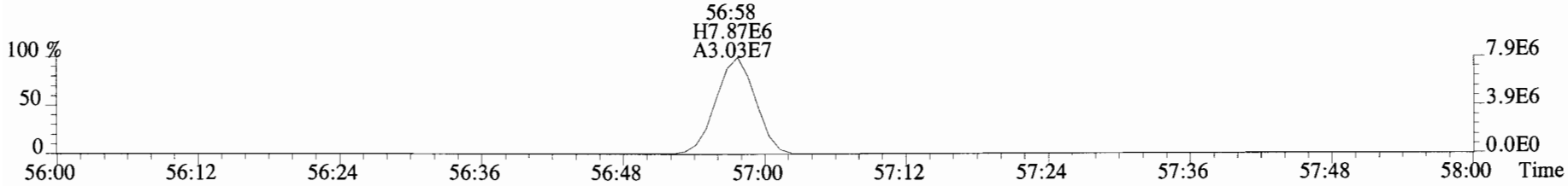
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1340.0,0.00%,F,F)



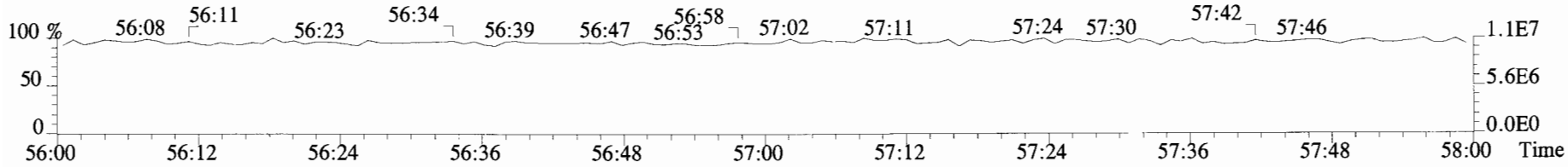
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



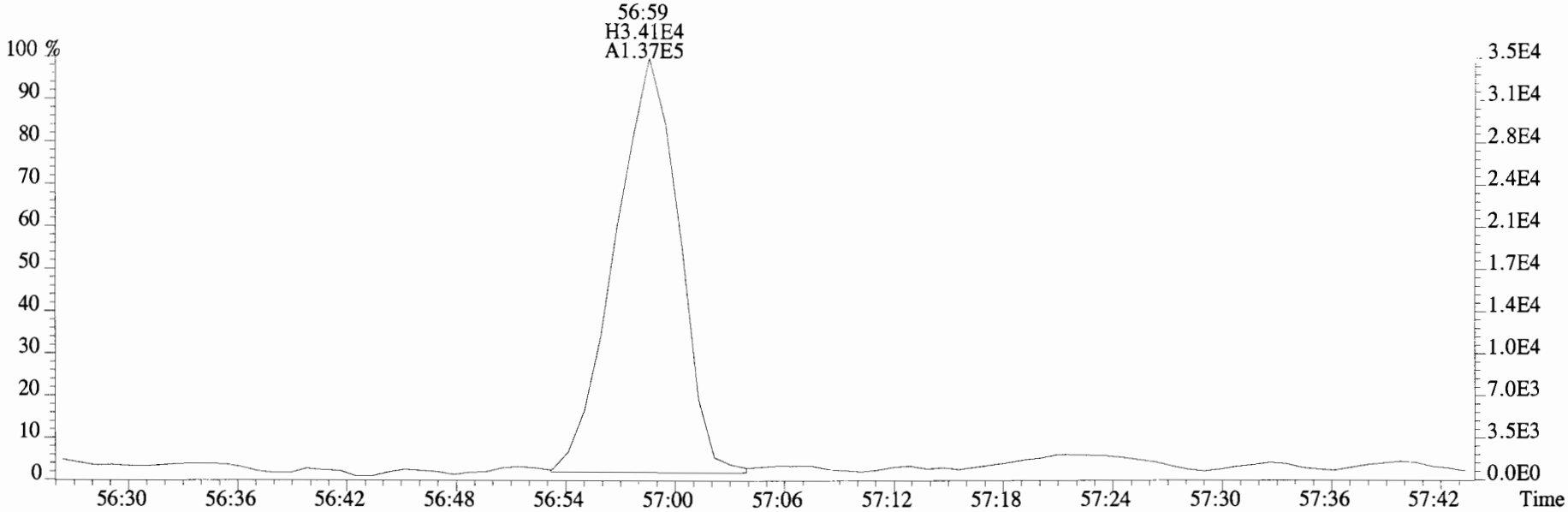
511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



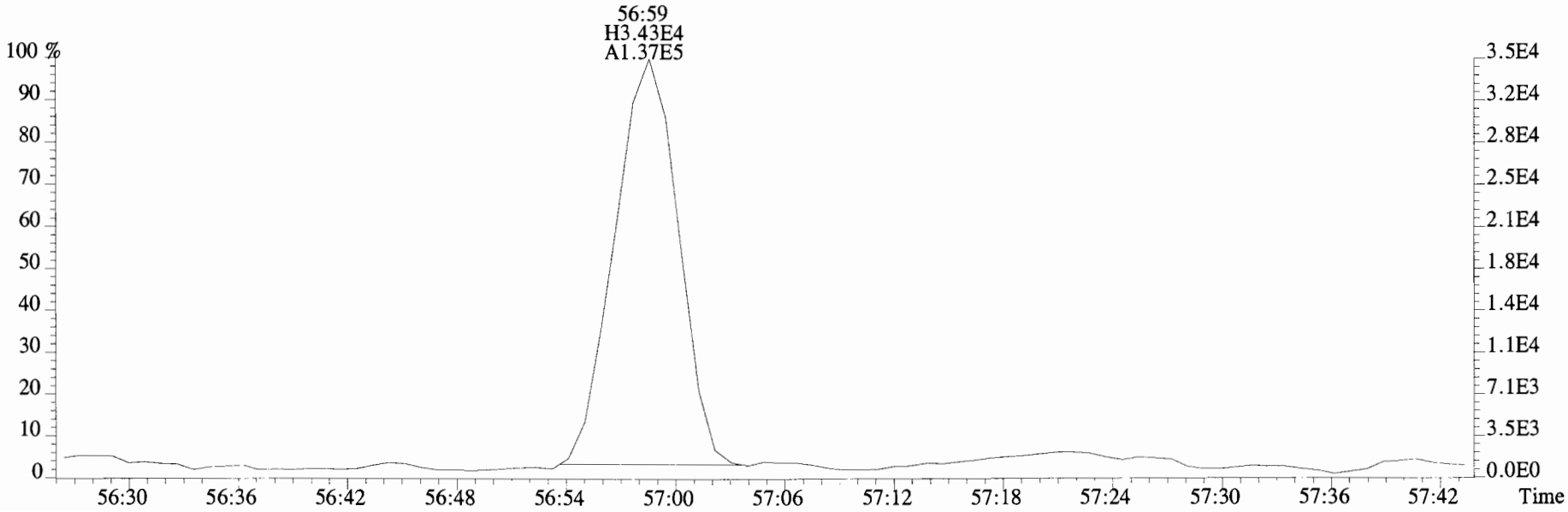
492.9697 F:5



File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)

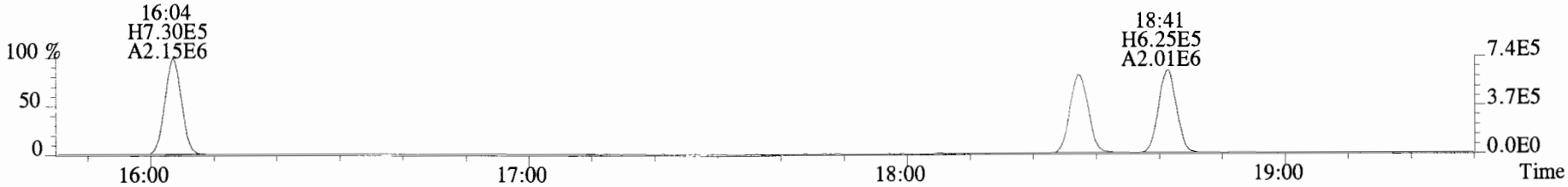


499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1340.0,0.00%,F,F)

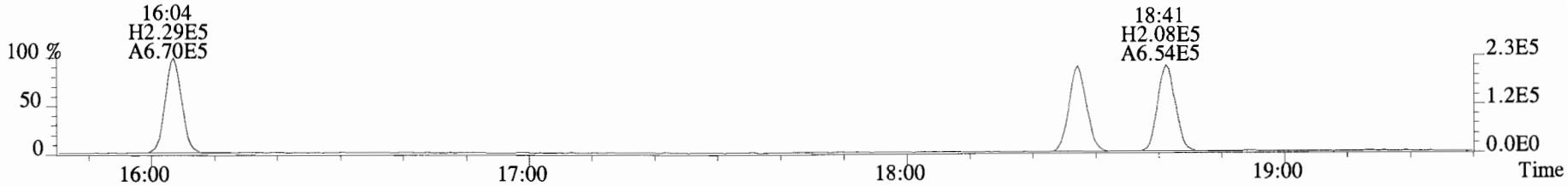


File:171027E1 #1-867 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1

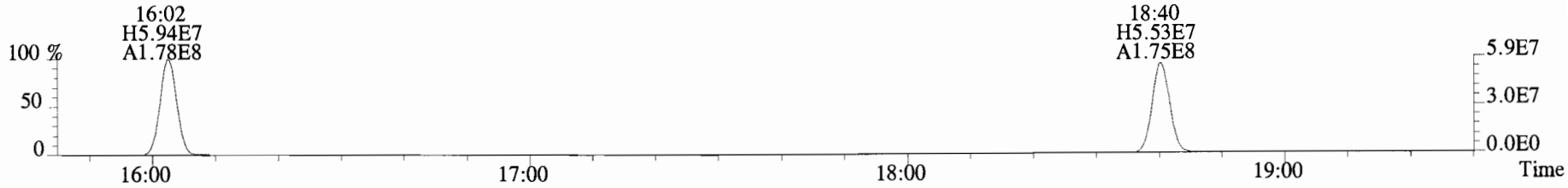
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8908.0,0.00%,F,F)



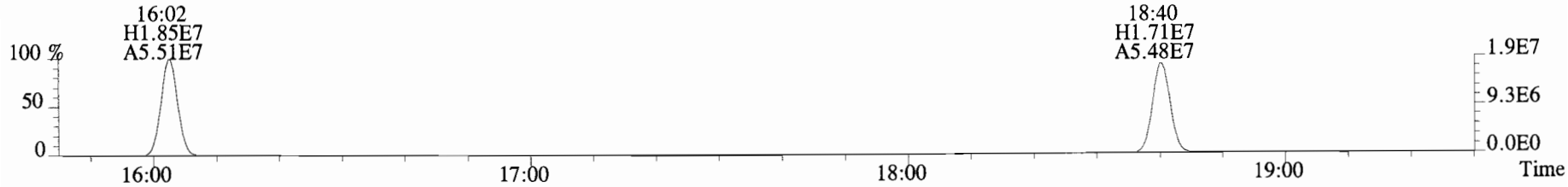
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5336.0,0.00%,F,F)



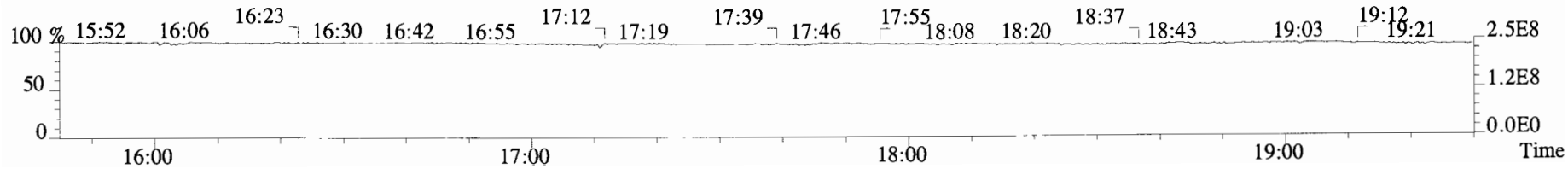
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5848.0,0.00%,F,F)



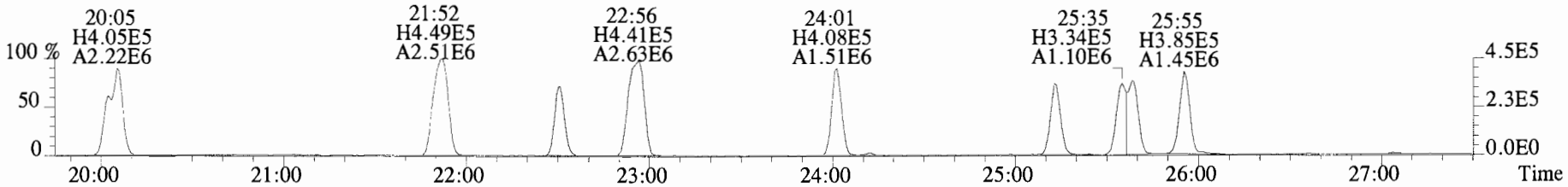
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11124.0,0.00%,F,F)



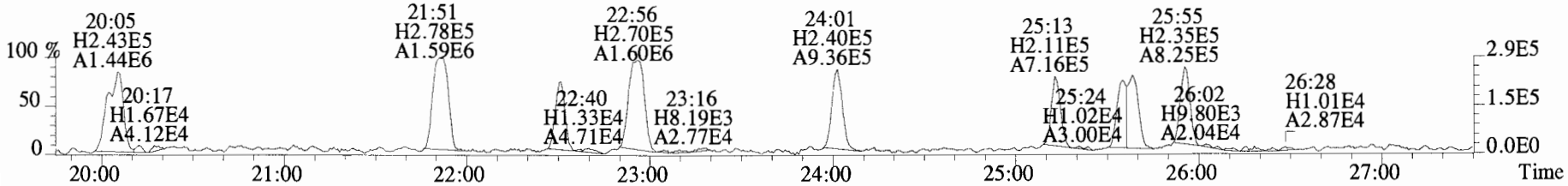
180.9880 S:2



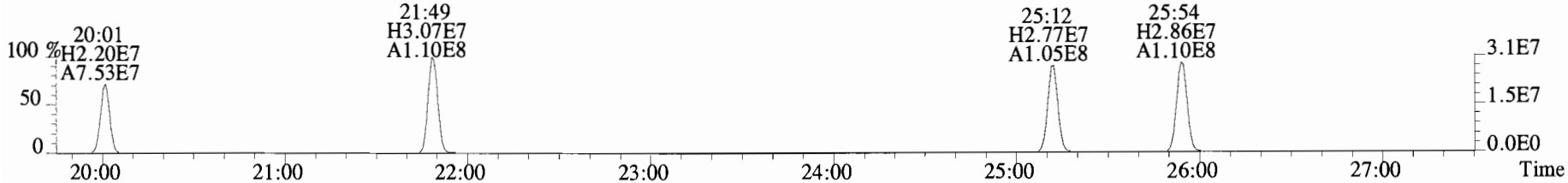
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



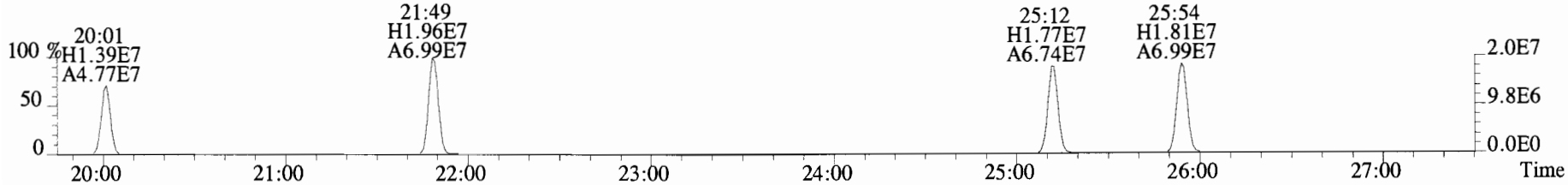
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18656.0,0.00%,F,F)



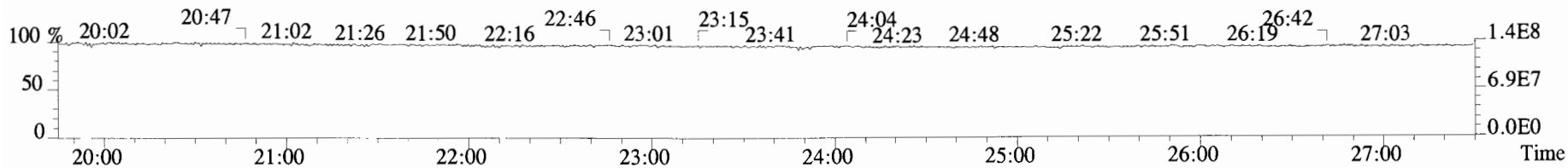
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3472.0,0.00%,F,F)



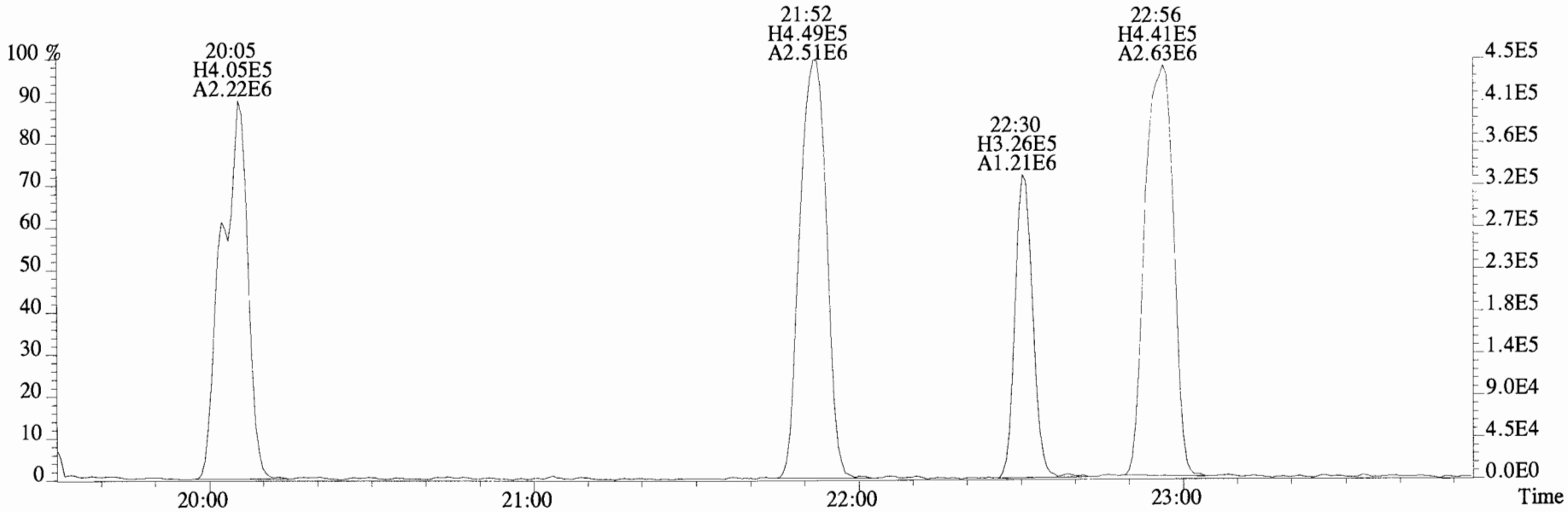
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3604.0,0.00%,F,F)



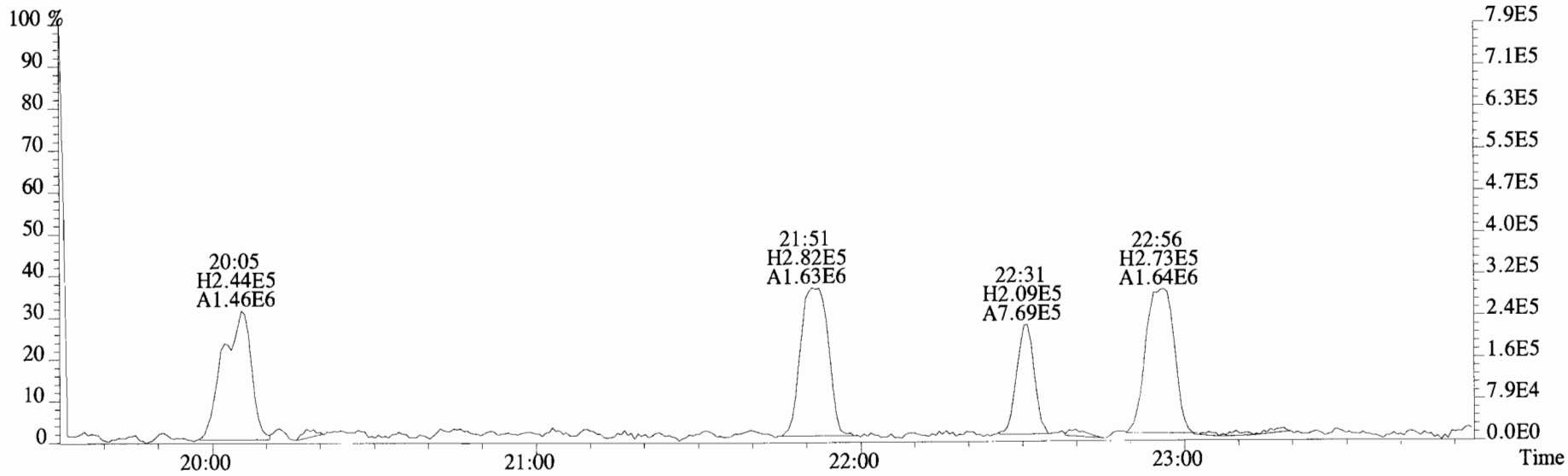
230.9856 S:2 F:2



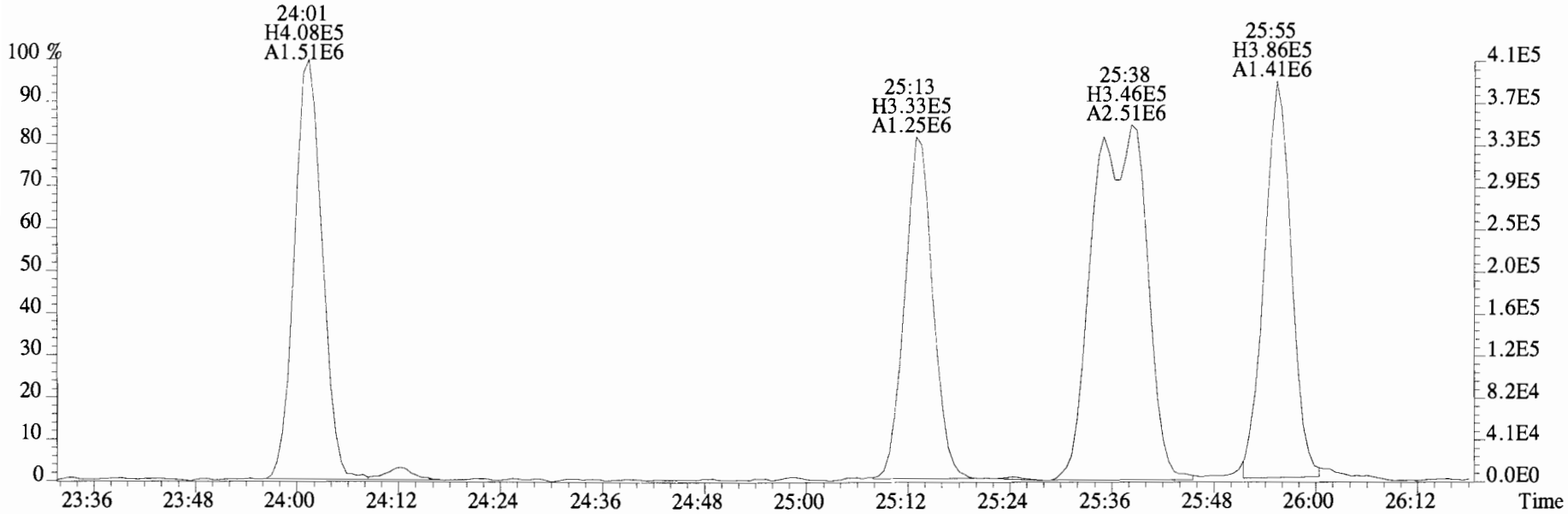
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



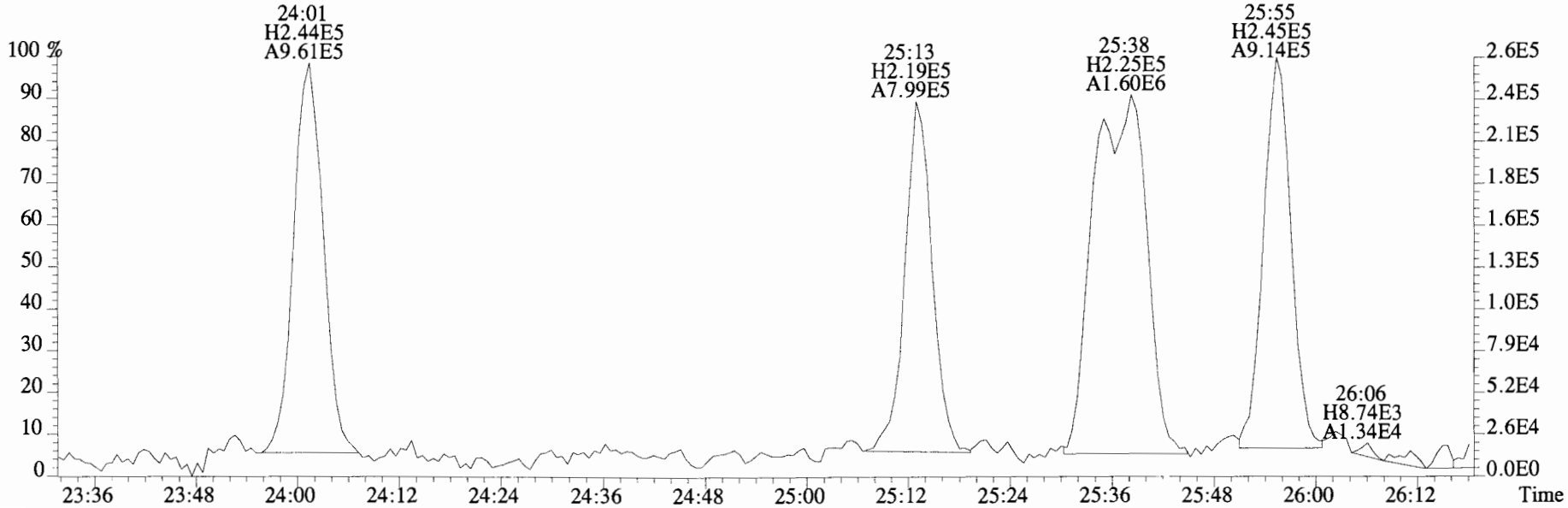
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18656.0,0.00%,F,F)



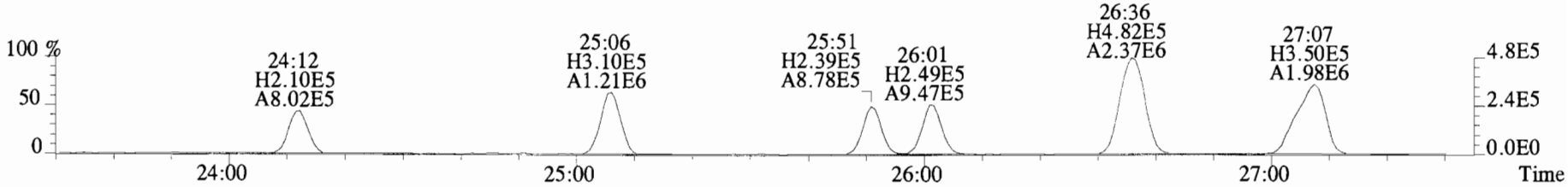
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



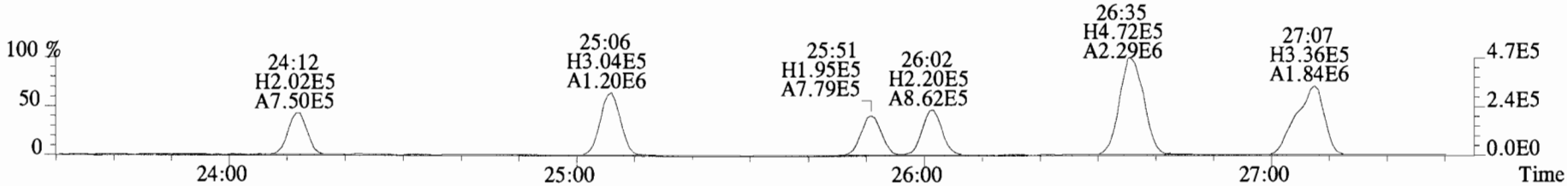
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18656.0,0.00%,F,F)



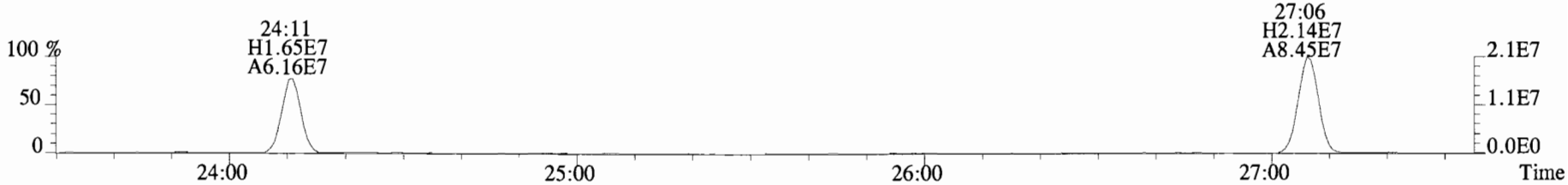
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3660.0,0.00%,F,F)



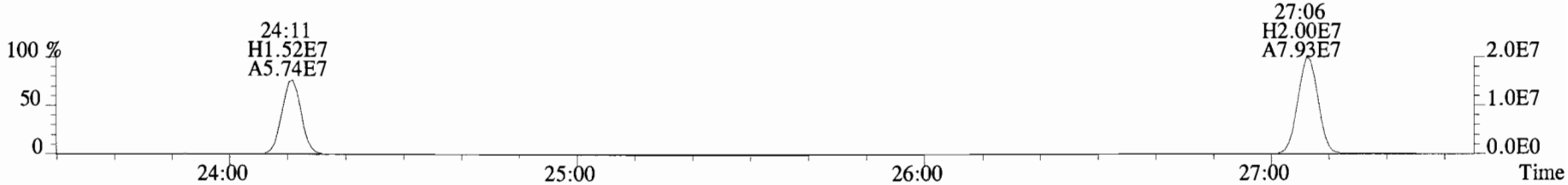
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



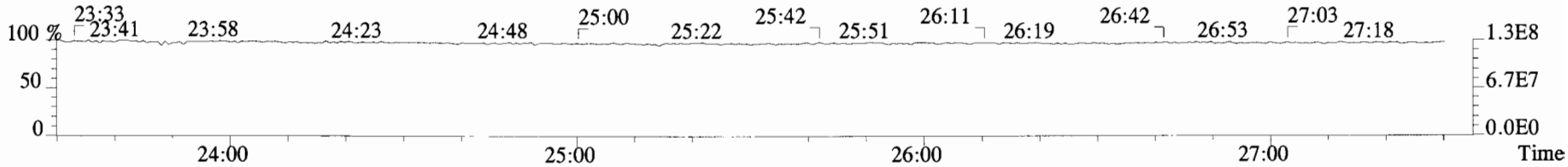
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71448.0,0.00%,F,F)



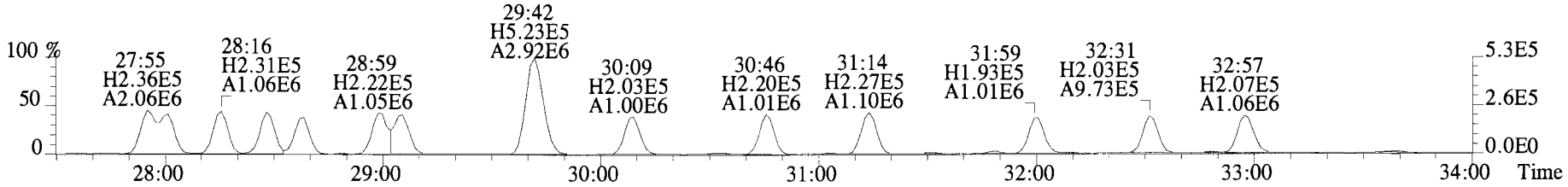
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43408.0,0.00%,F,F)



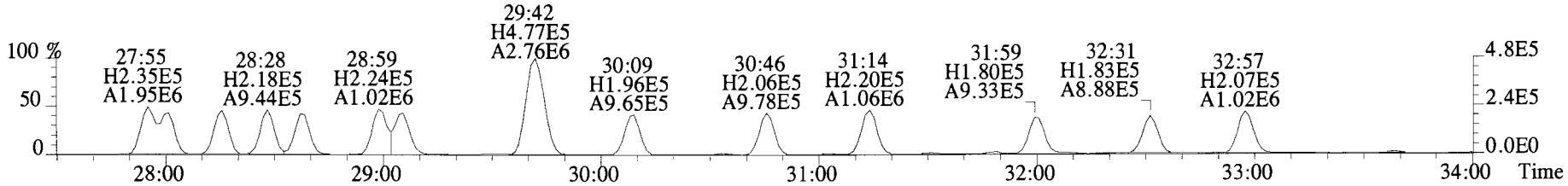
230.9856 S:2 F:2



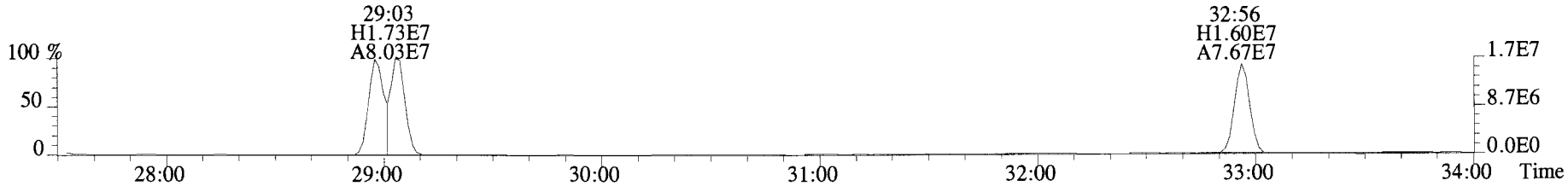
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



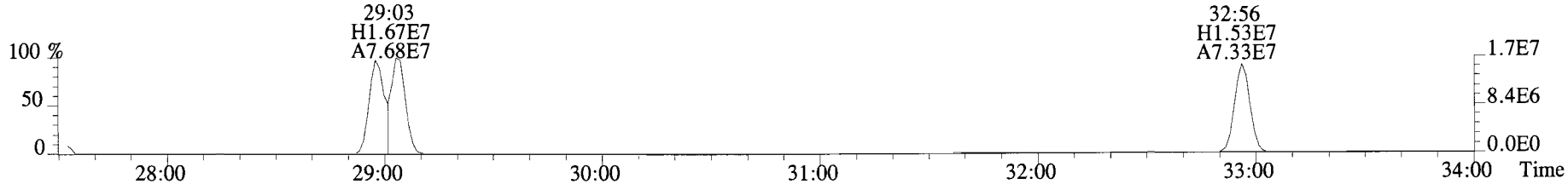
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



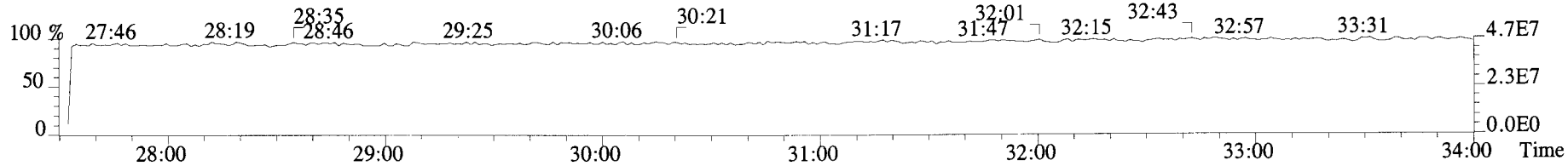
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75716.0,0.00%,F,F)



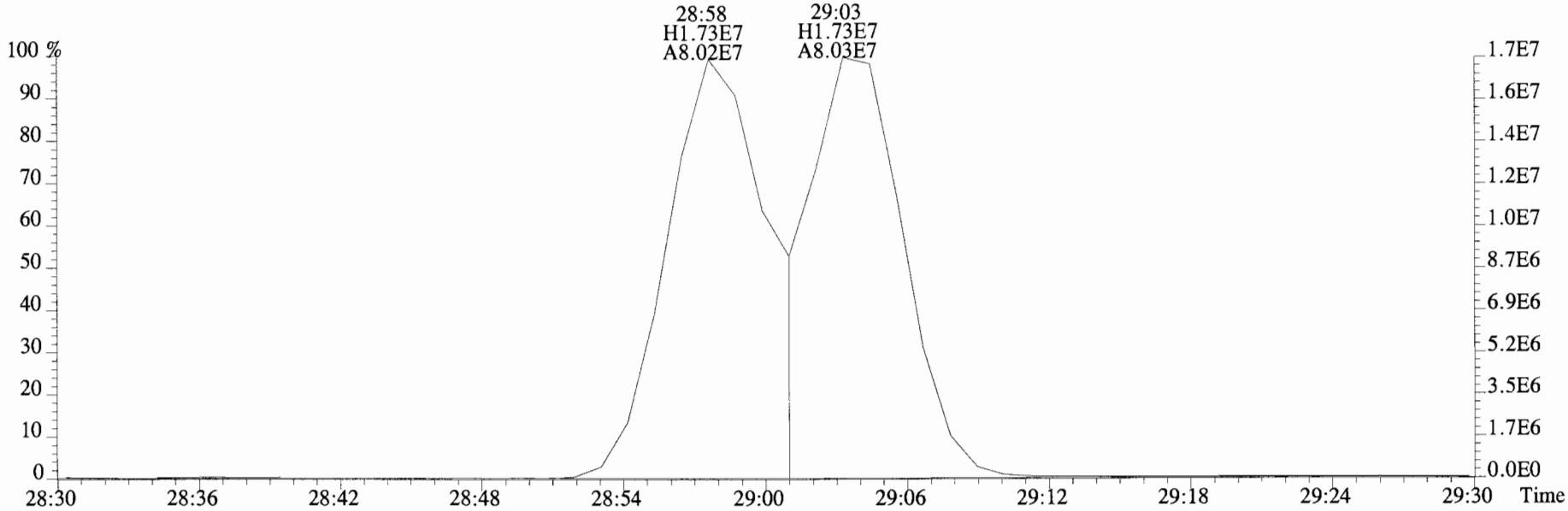
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38192.0,0.00%,F,F)



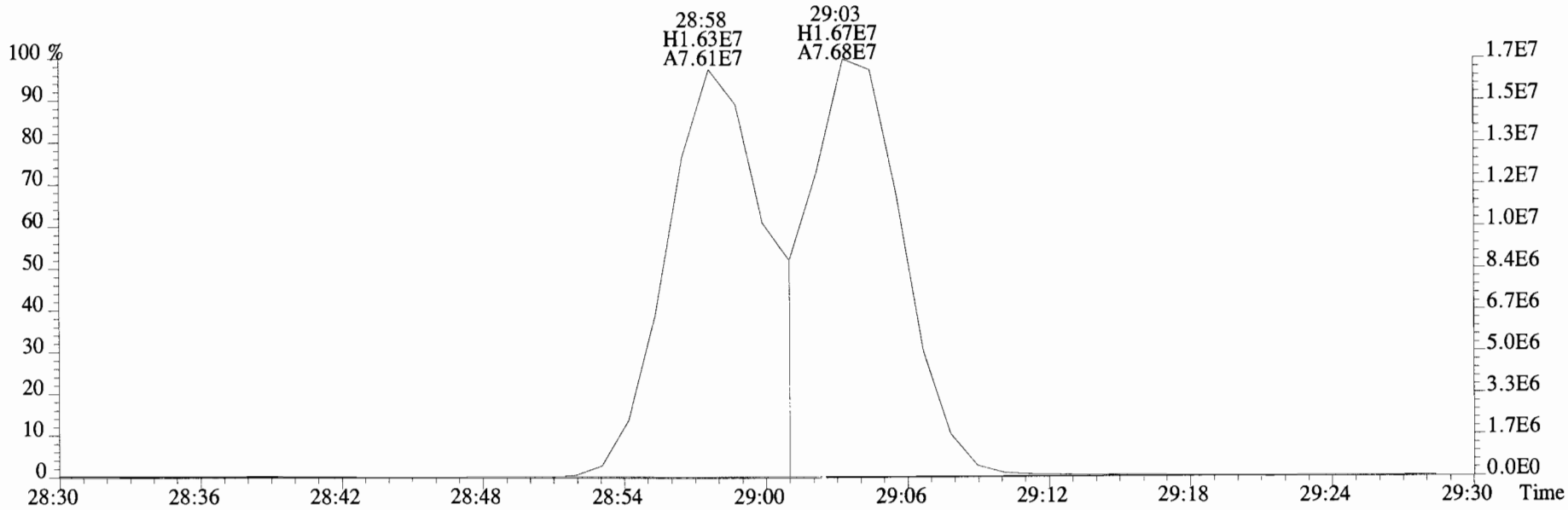
330.9792 S:2 F:3



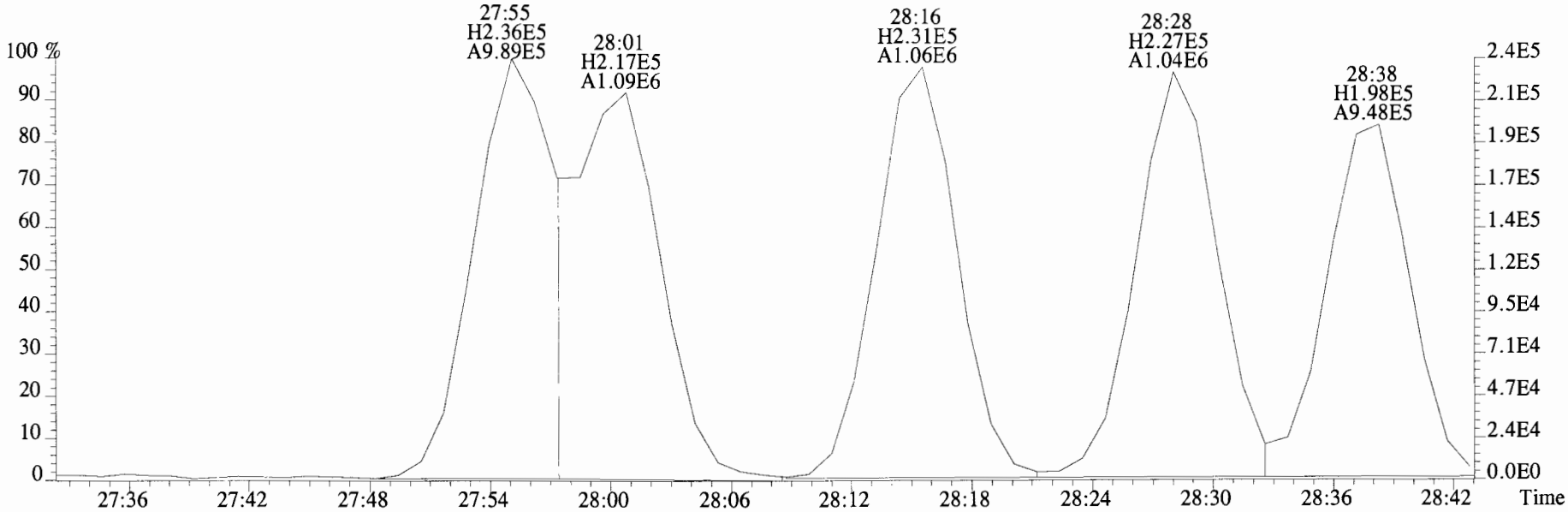
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75716.0,0.00%,F,F)



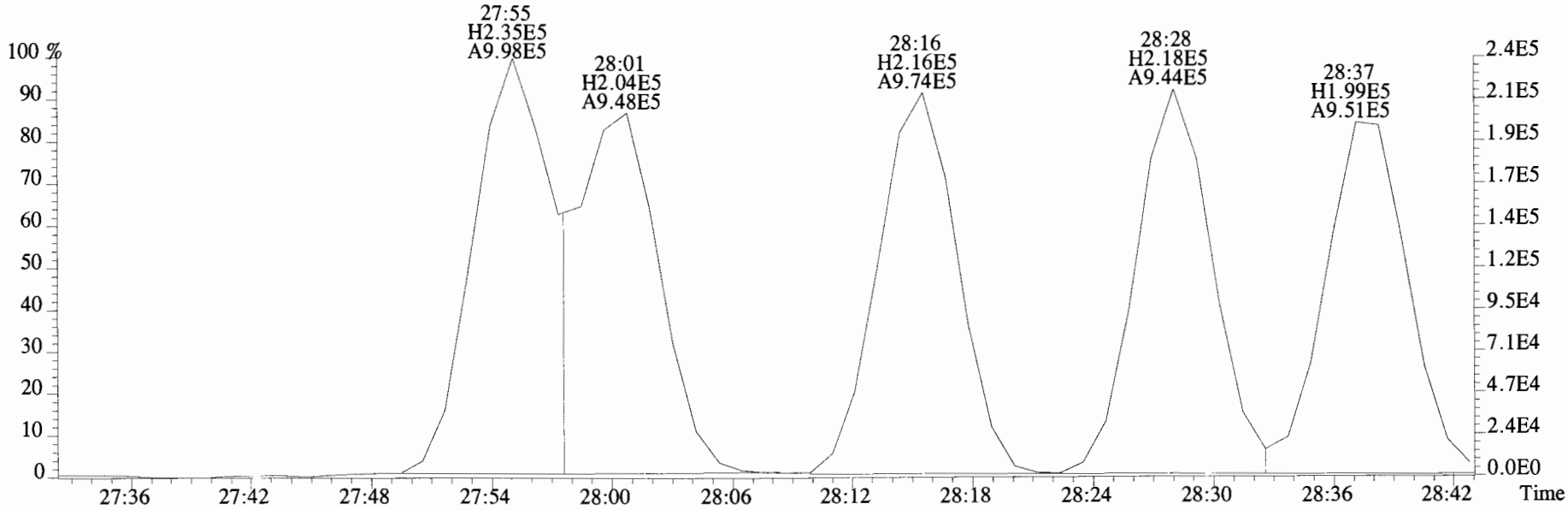
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38192.0,0.00%,F,F)



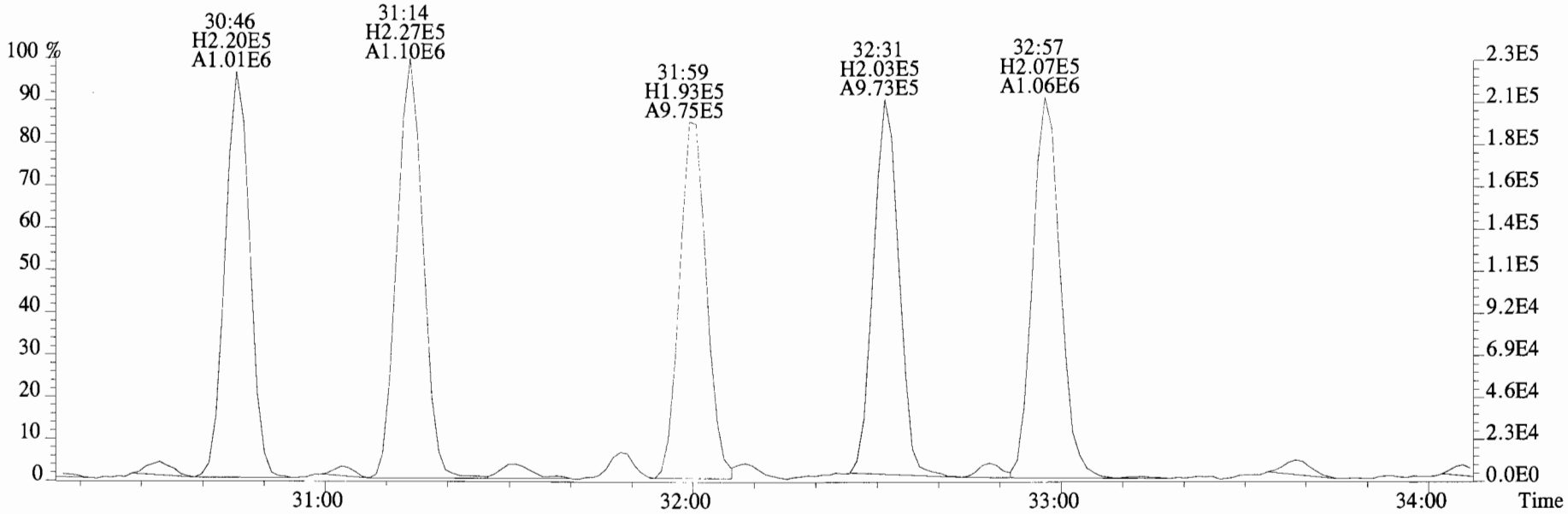
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



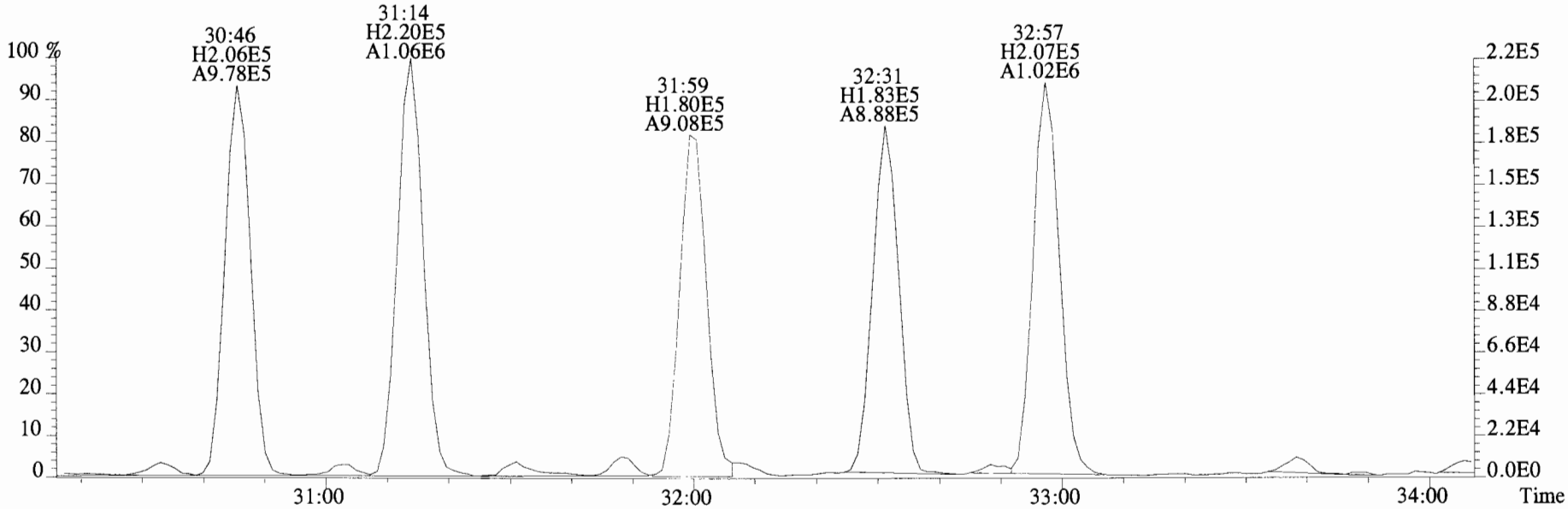
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



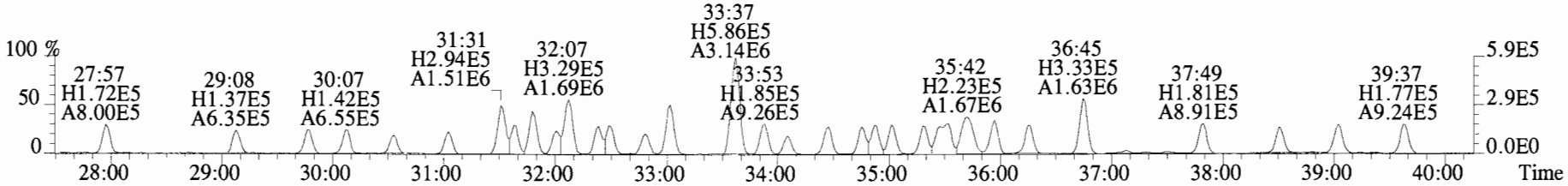
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



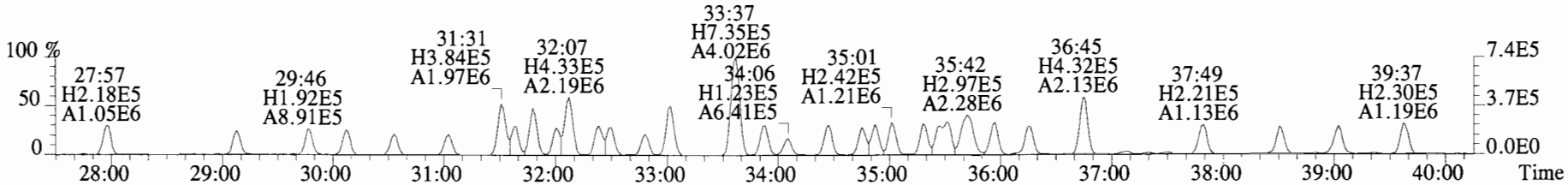
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



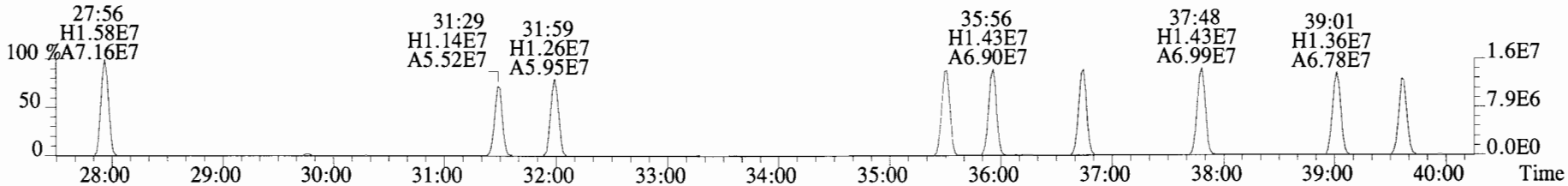
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



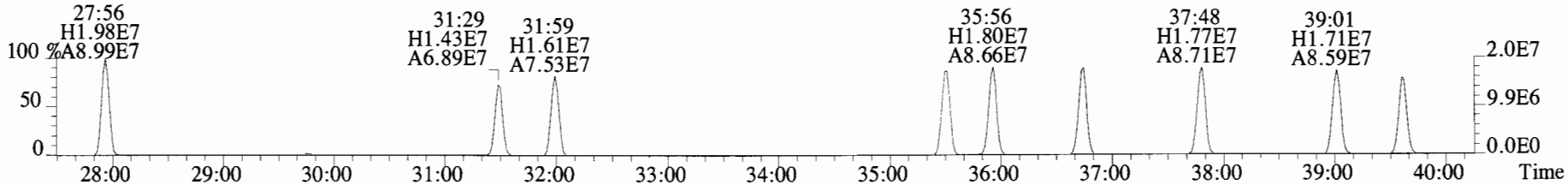
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



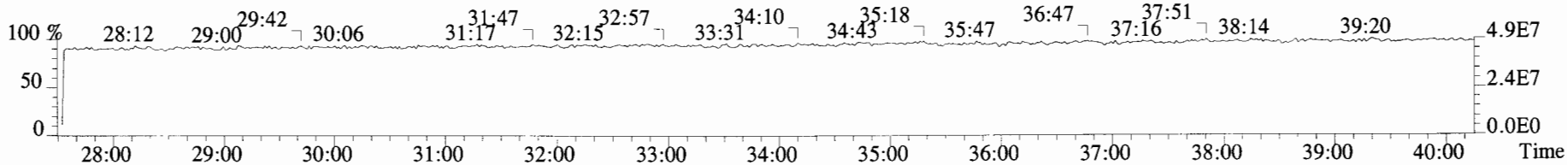
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



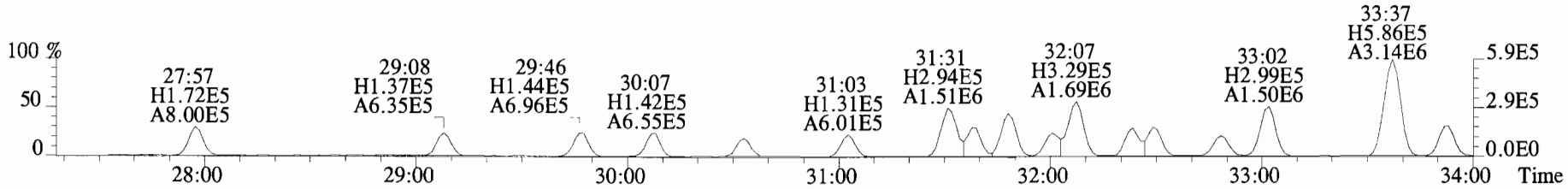
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



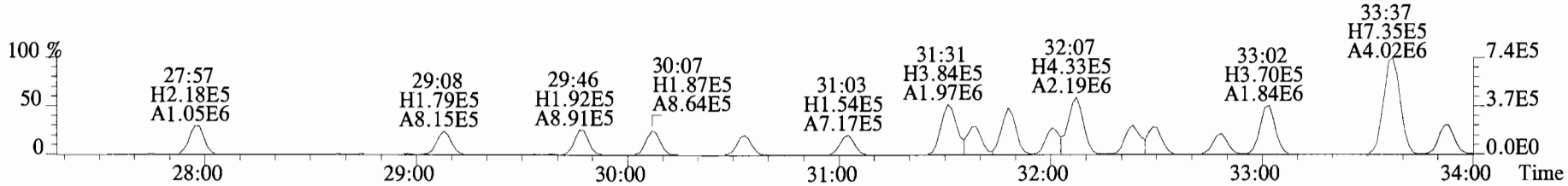
330.9792 S:2 F:3



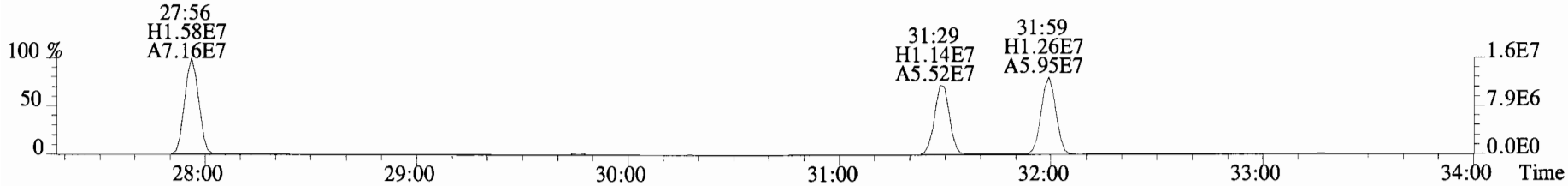
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



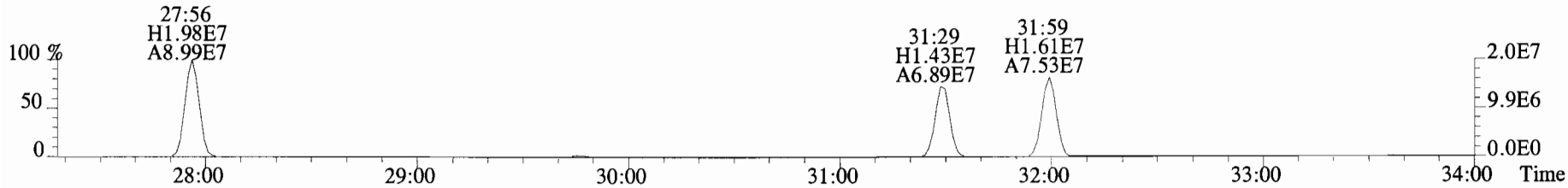
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



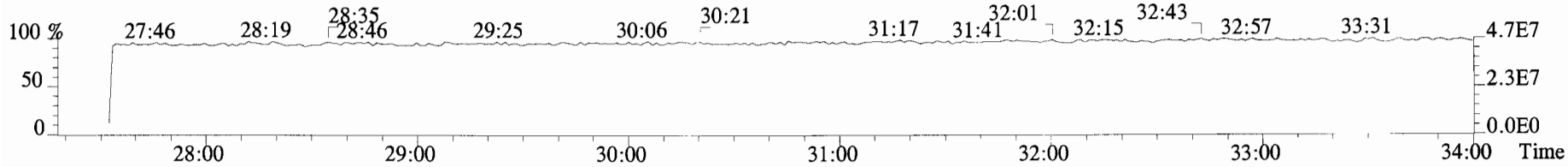
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



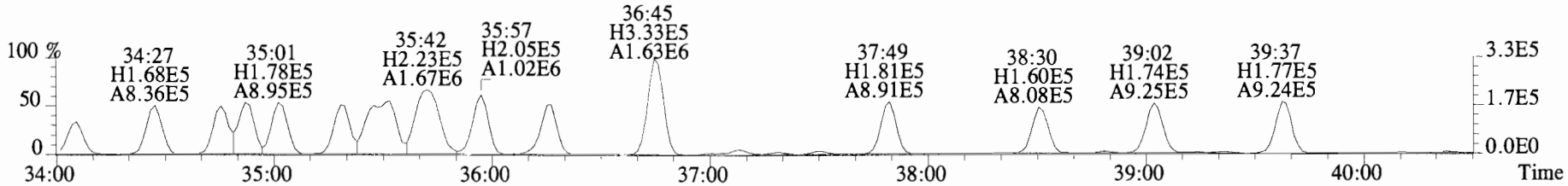
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



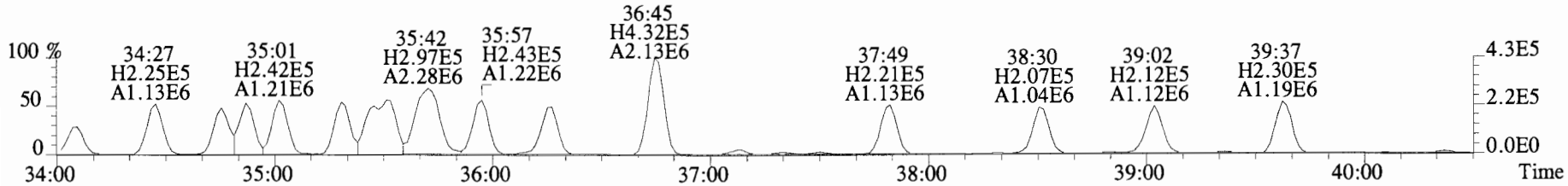
330.9792 S:2 F:3



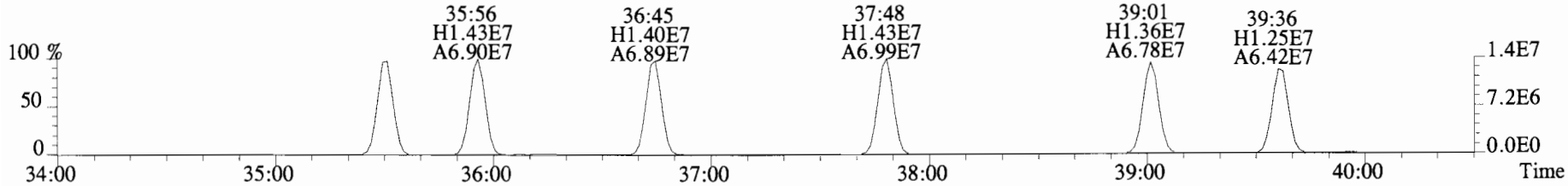
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



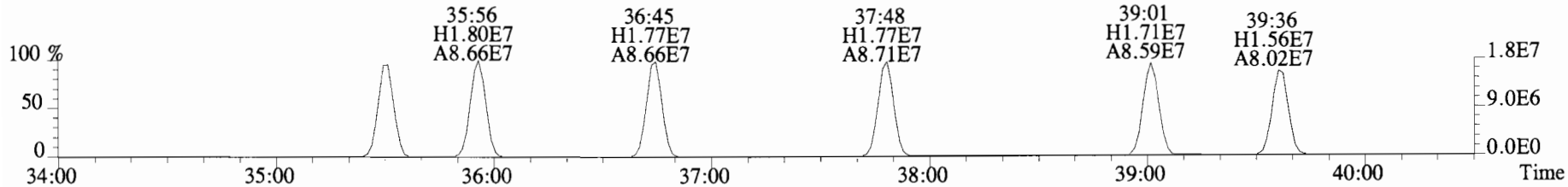
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



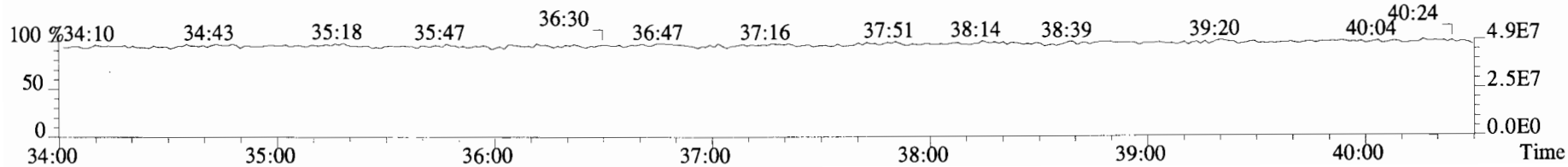
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



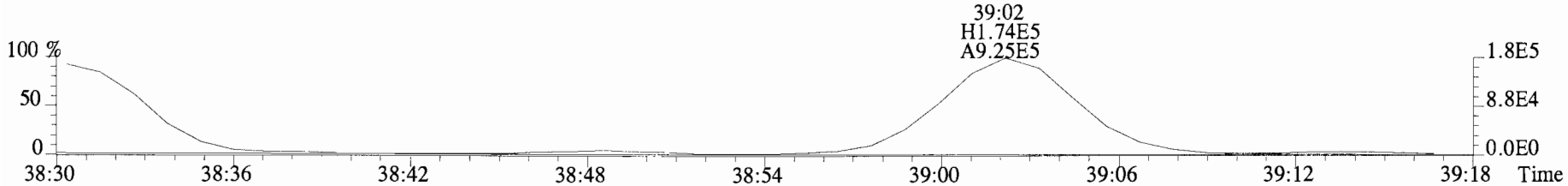
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



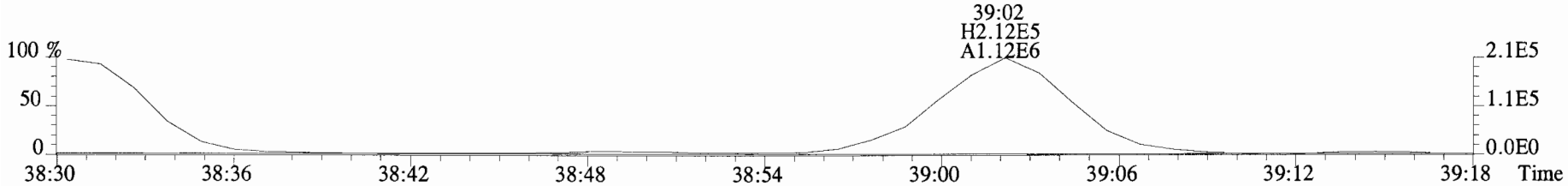
330.9792 S:2 F:3



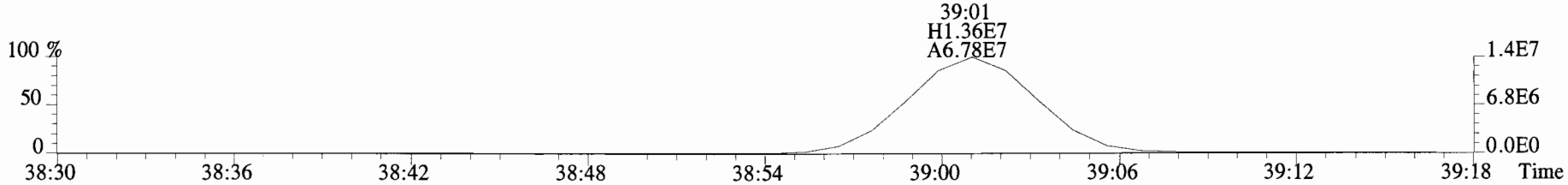
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



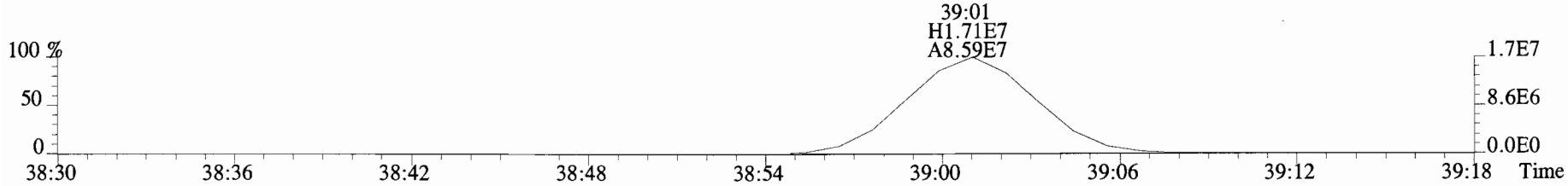
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



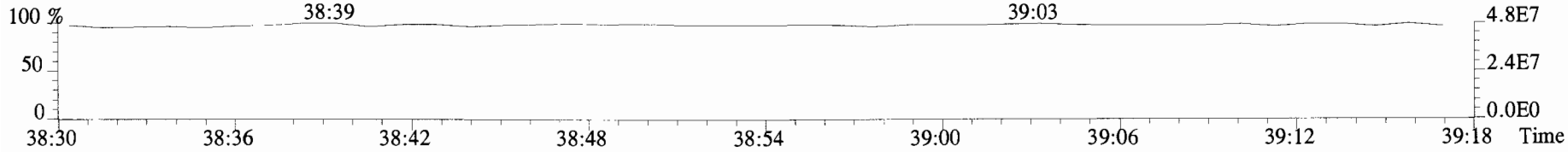
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



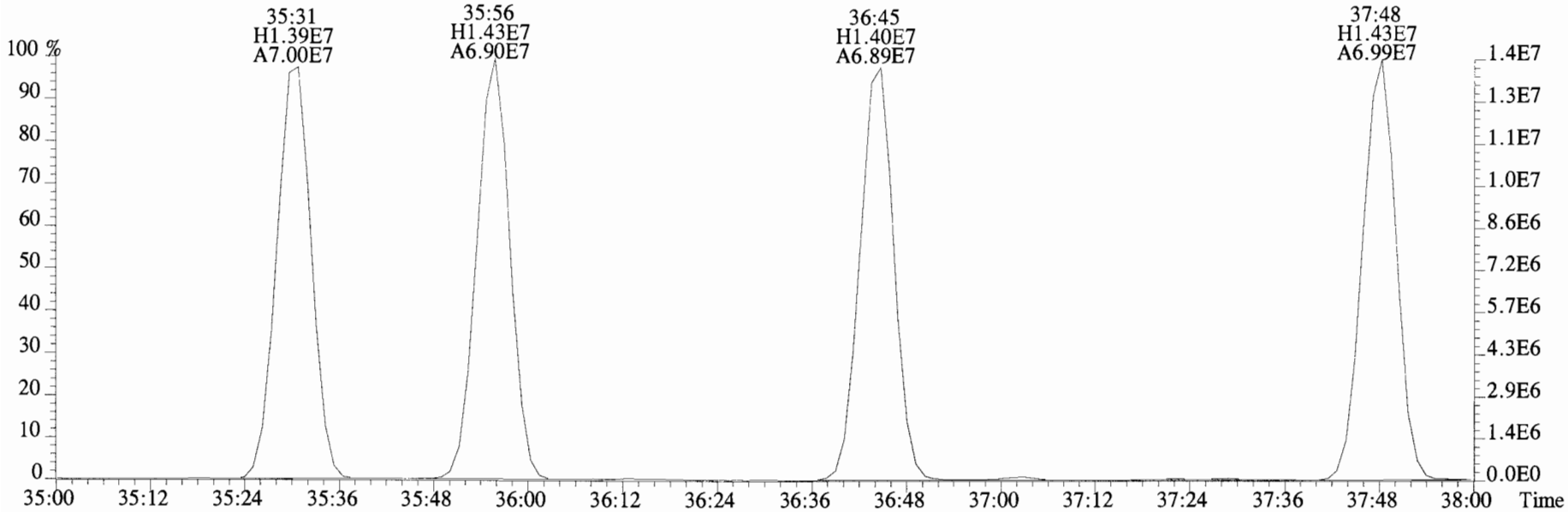
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



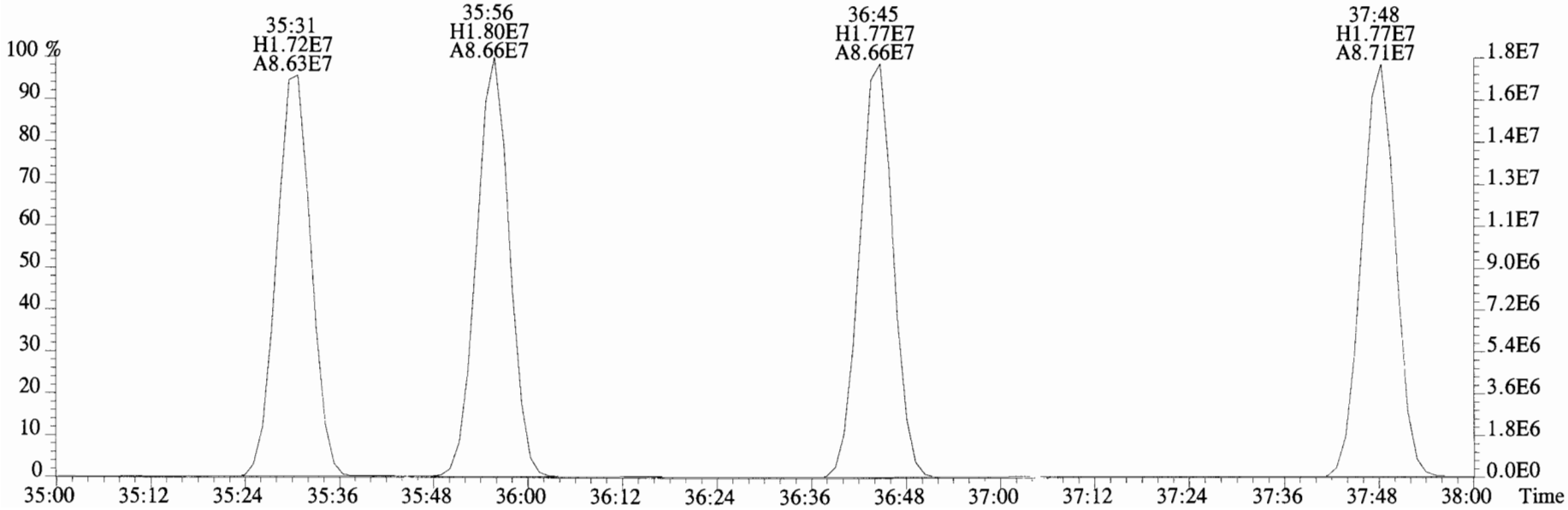
330.9792 S:2 F:3



File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)

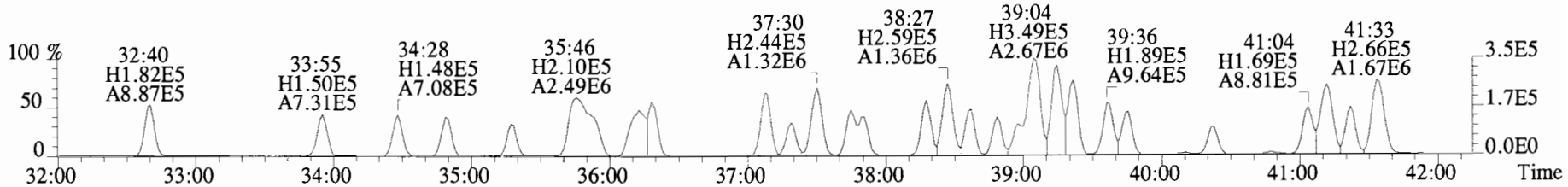


303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)

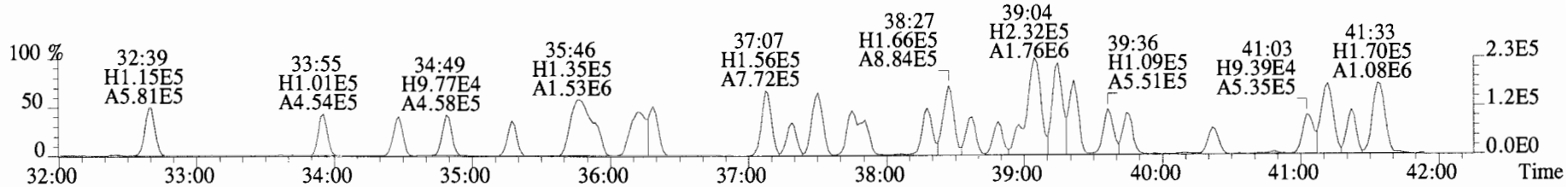


File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1

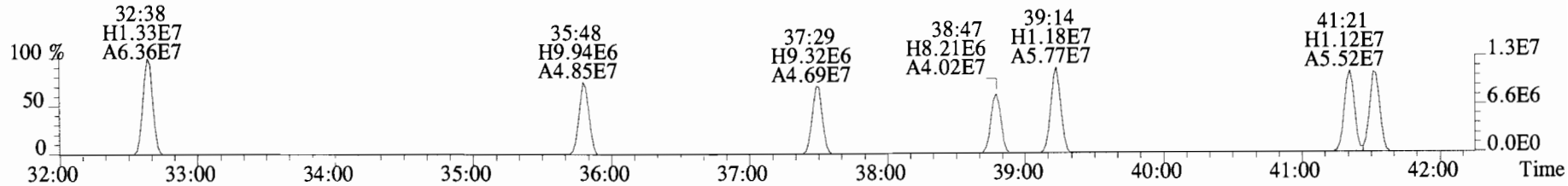
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



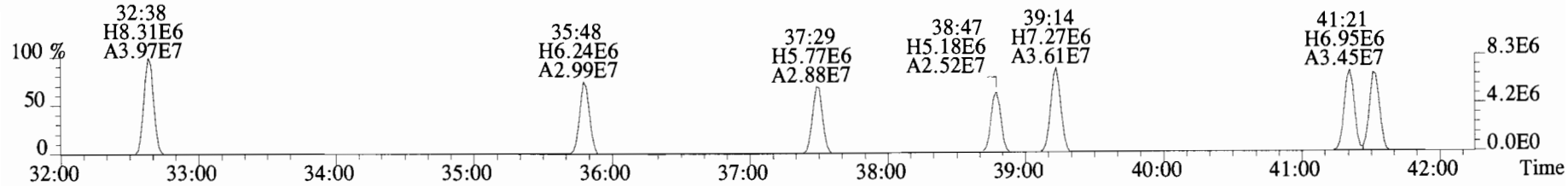
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



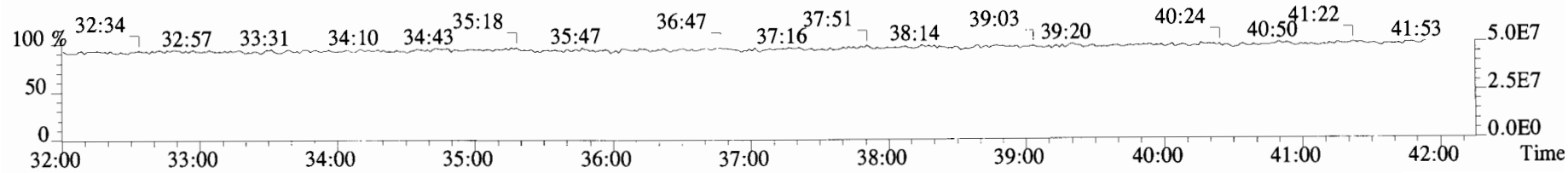
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



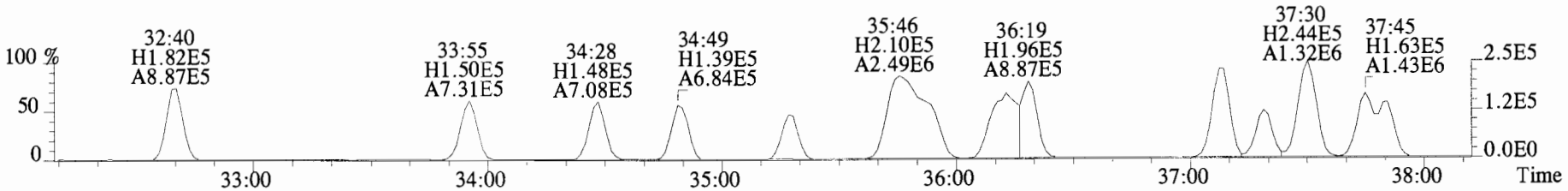
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



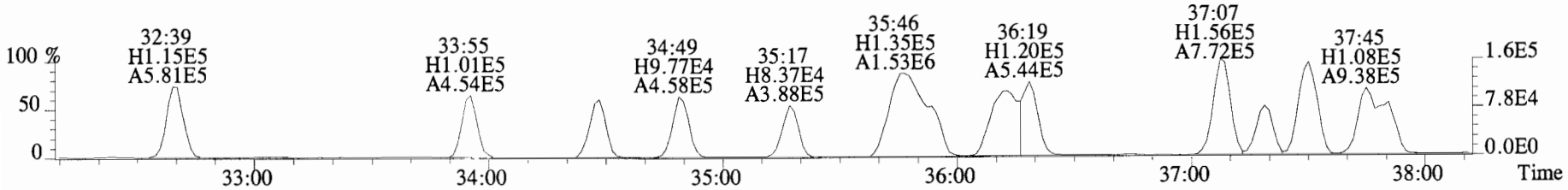
330.9792 S:2 F:3



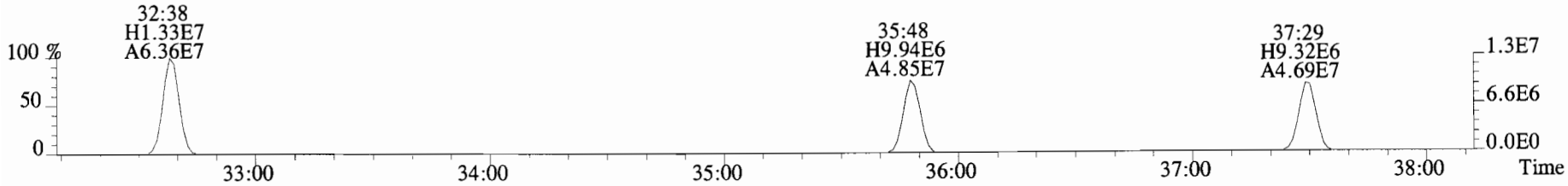
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



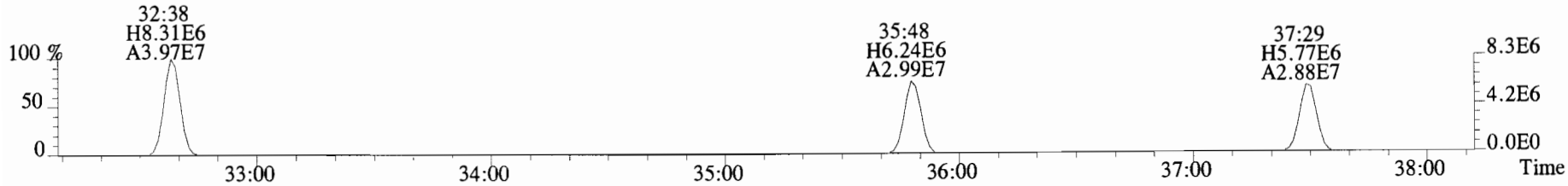
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



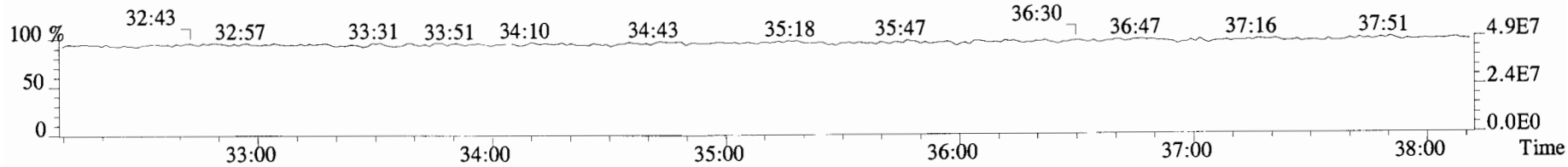
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



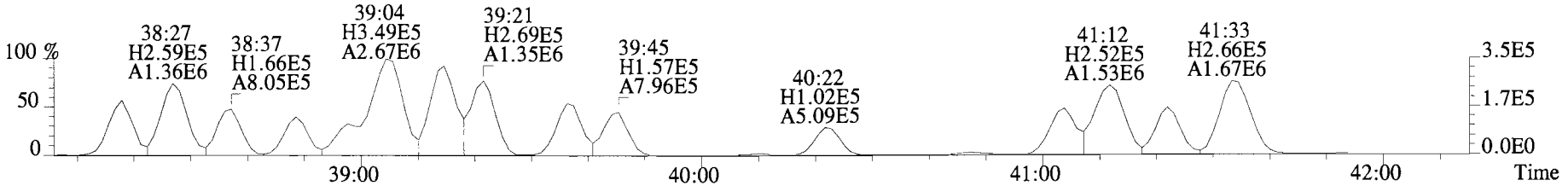
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



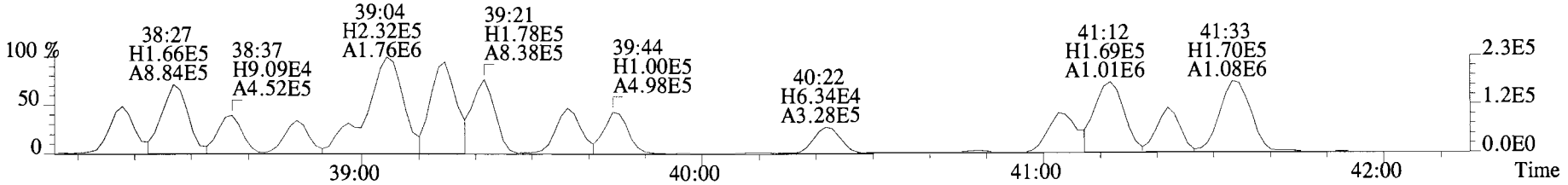
330.9792 S:2 F:3



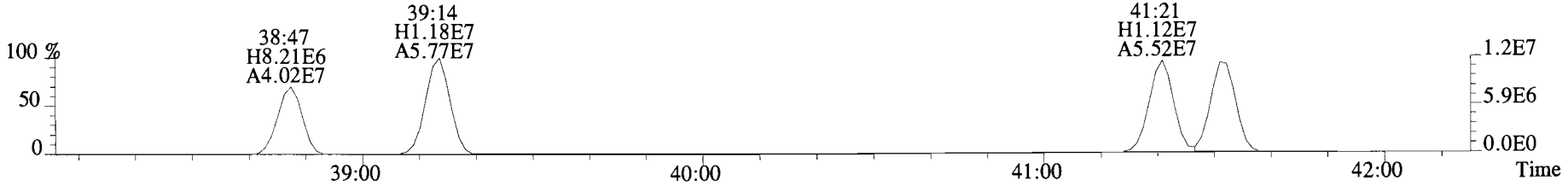
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



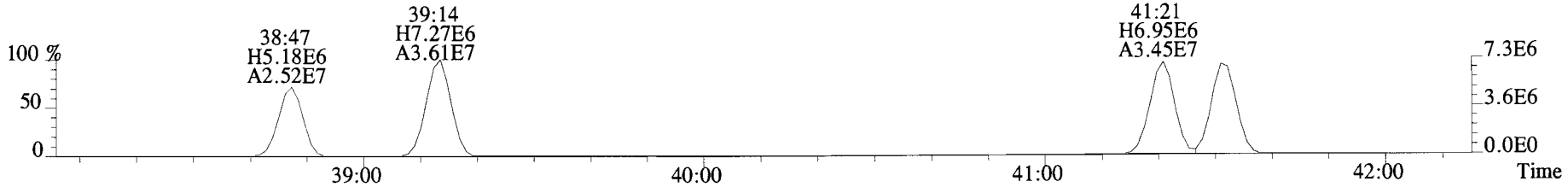
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



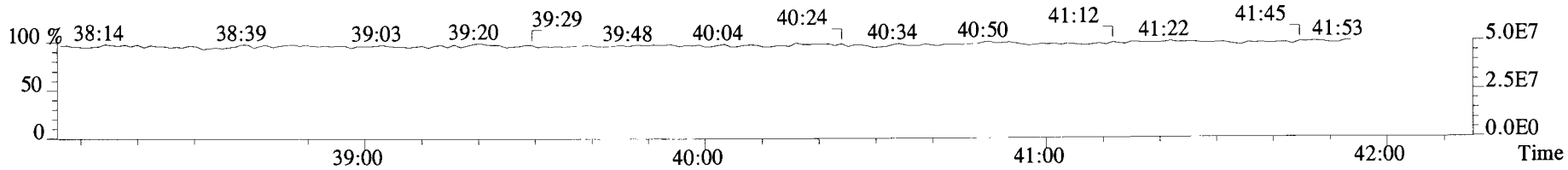
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



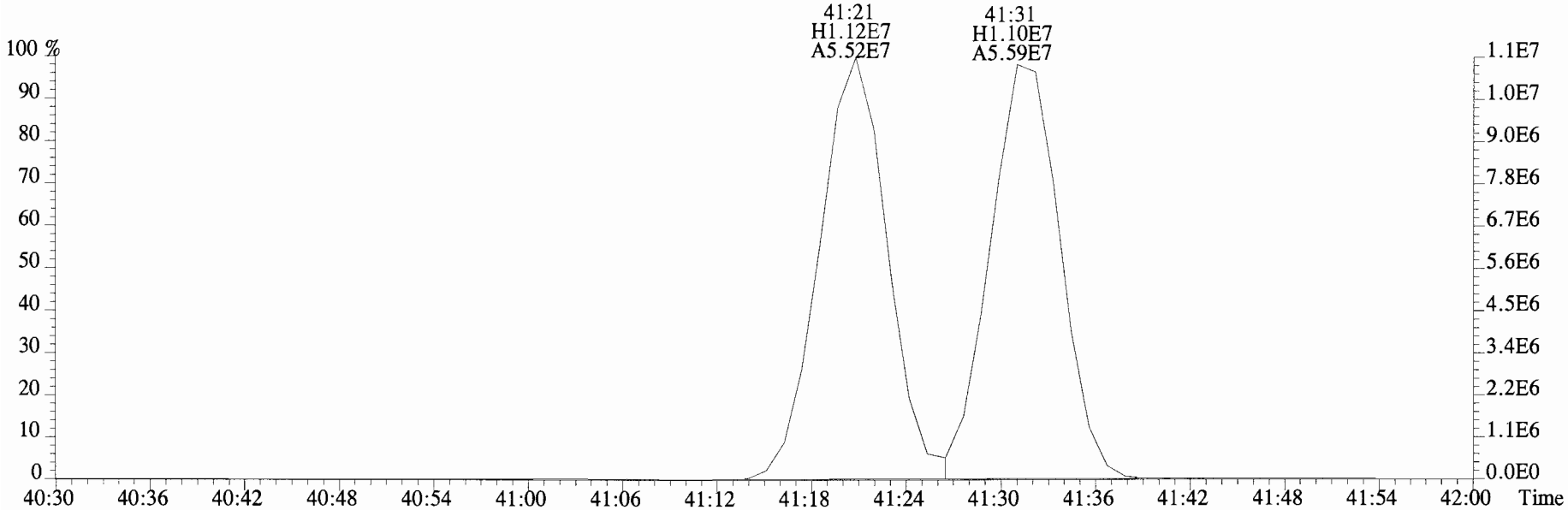
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



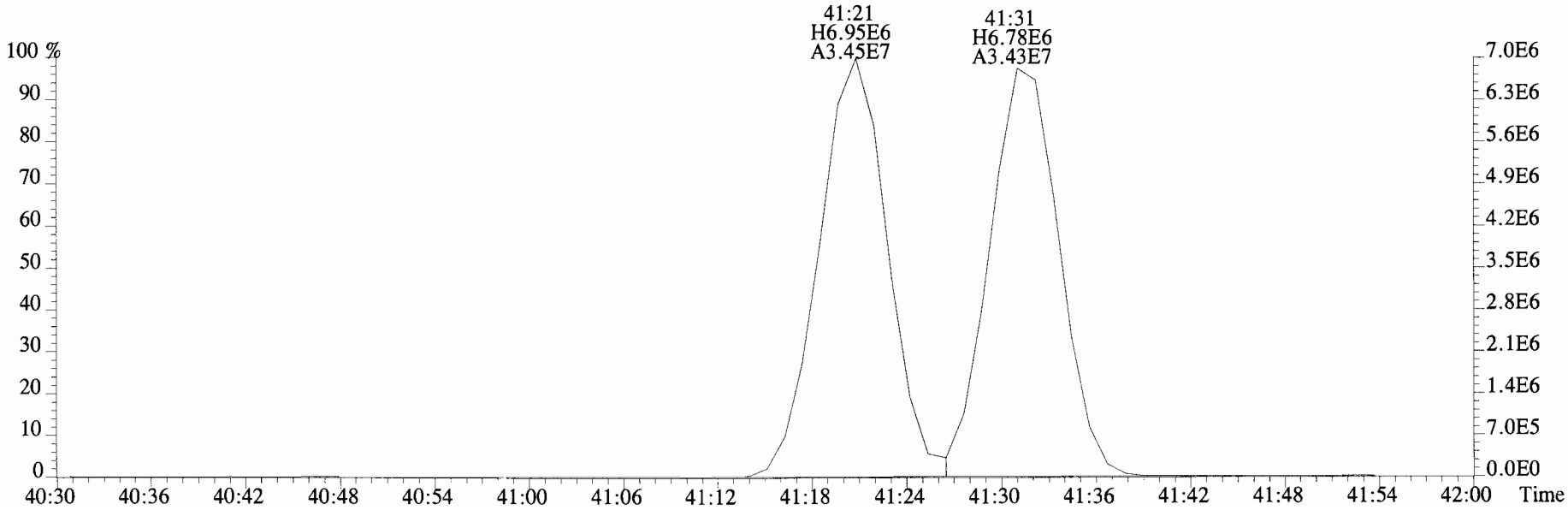
330.9792 S:2 F:3



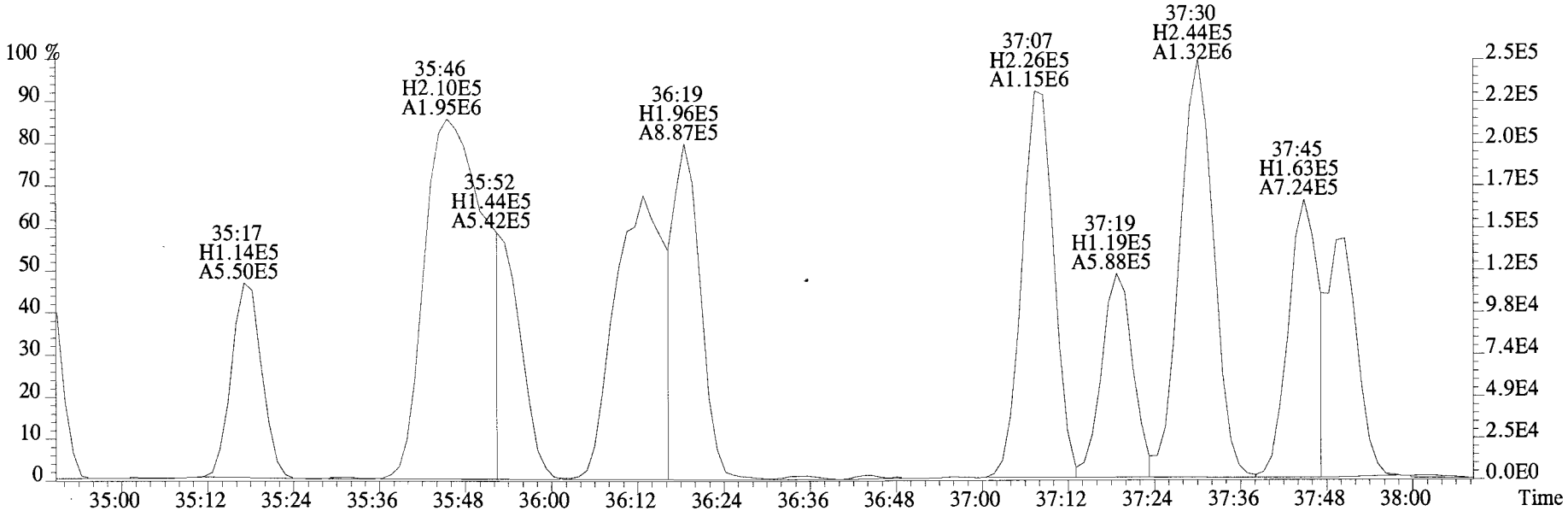
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



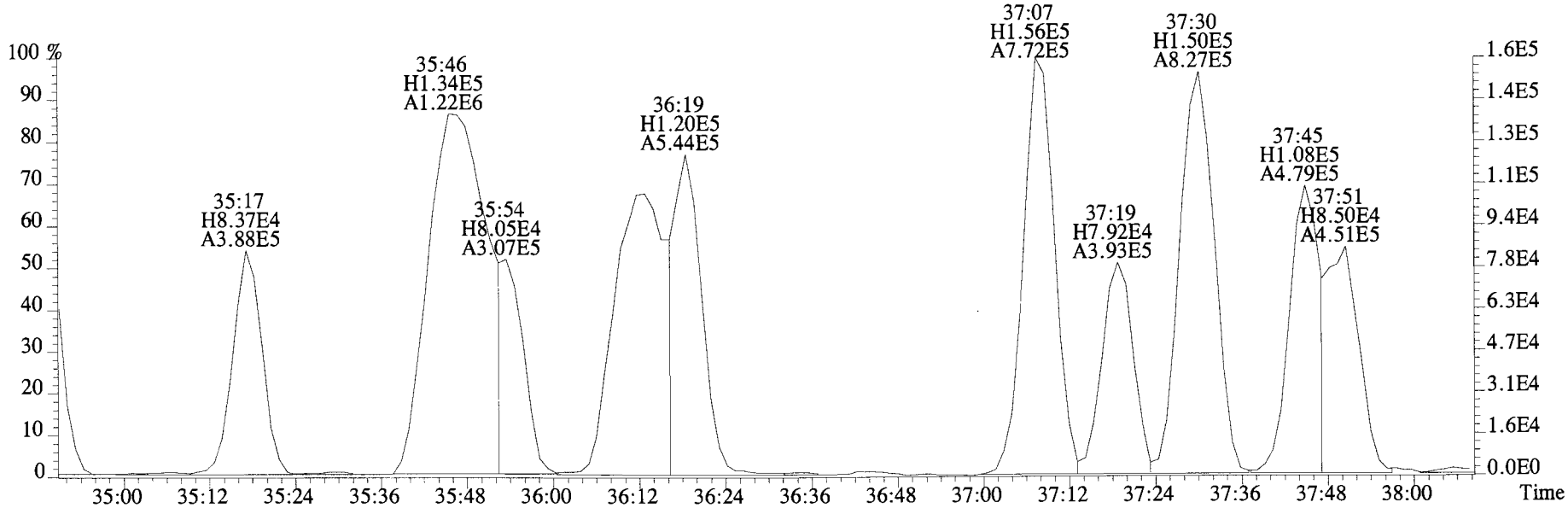
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



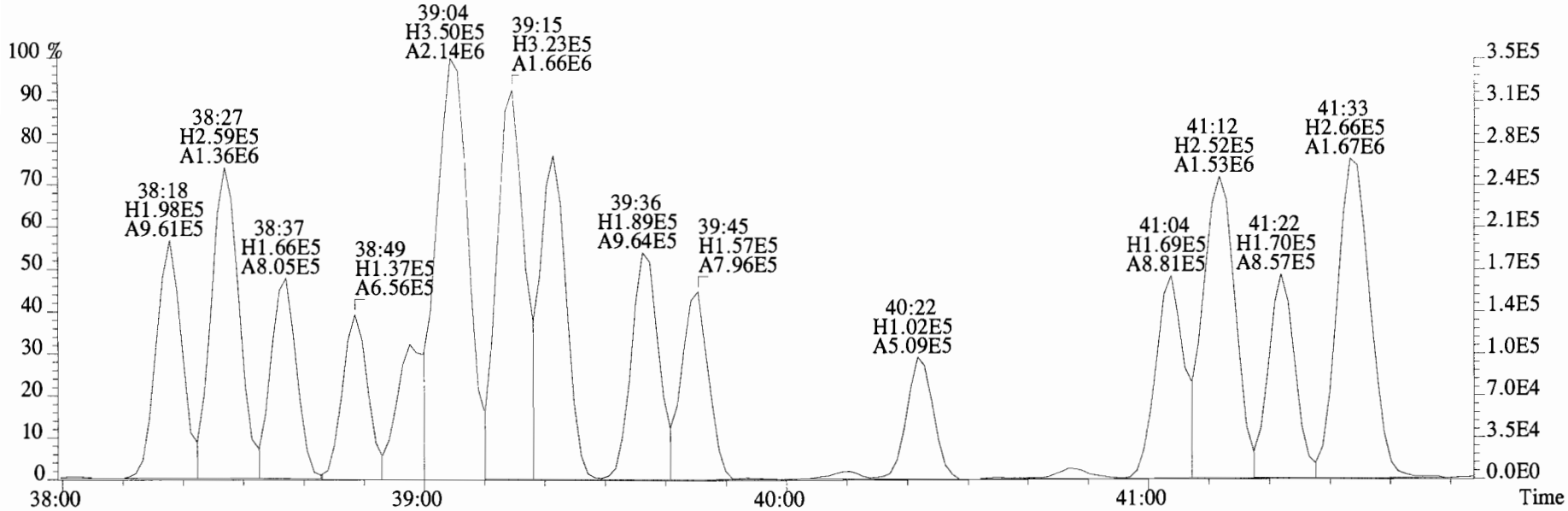
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



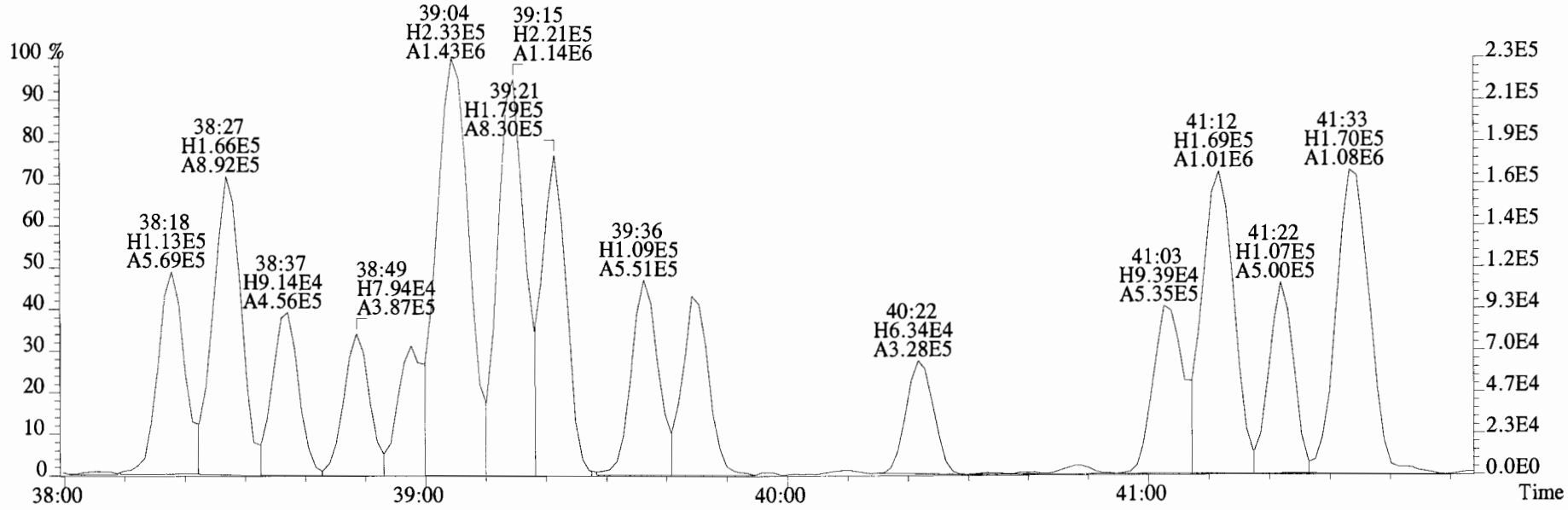
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



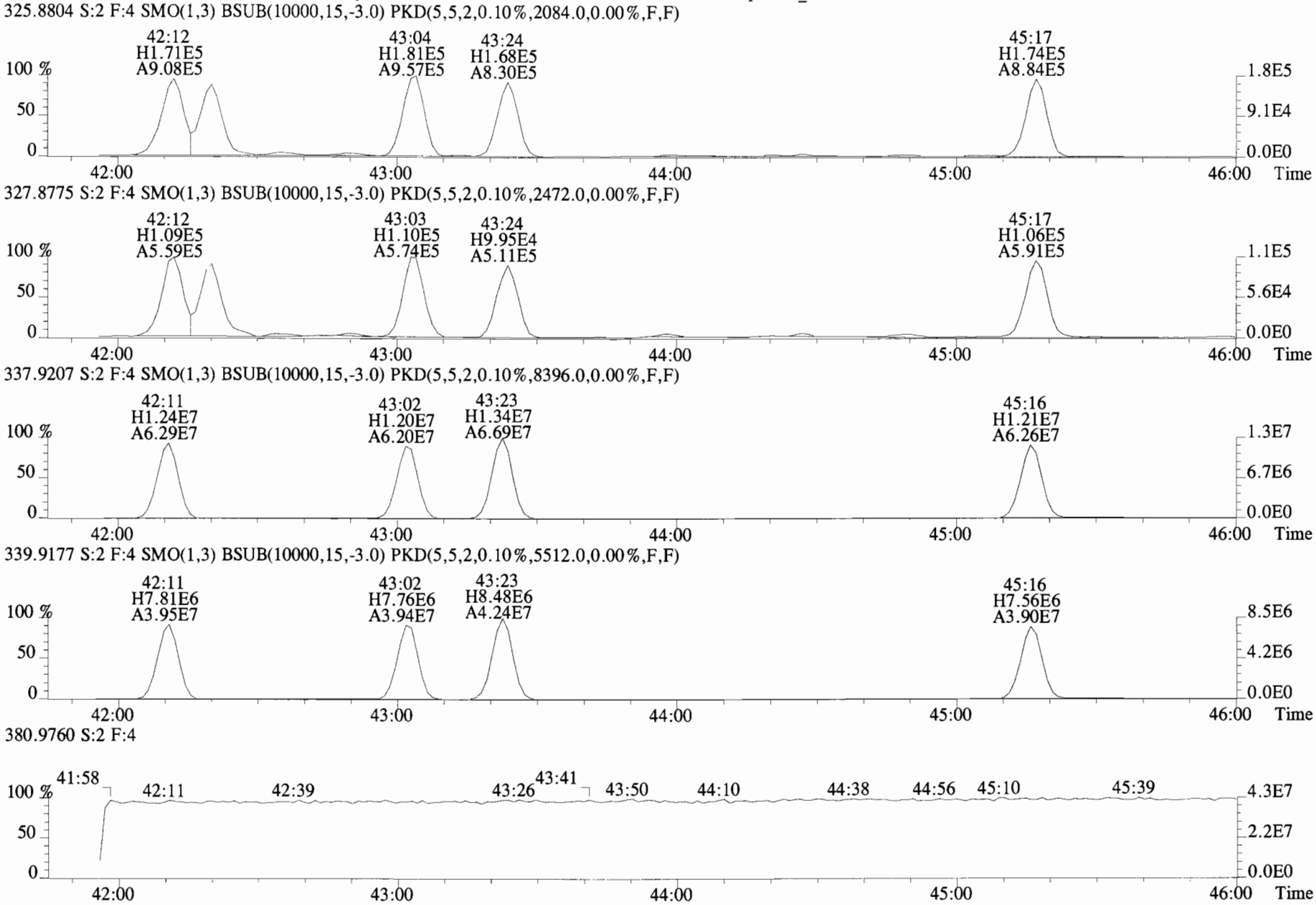
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



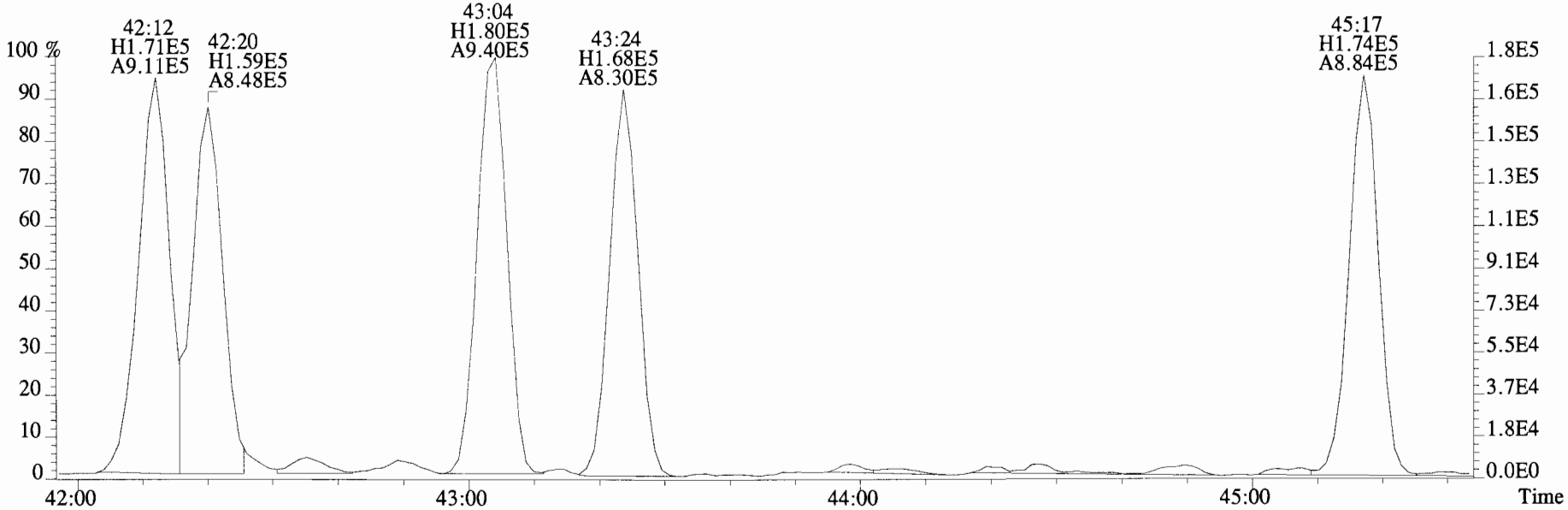
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



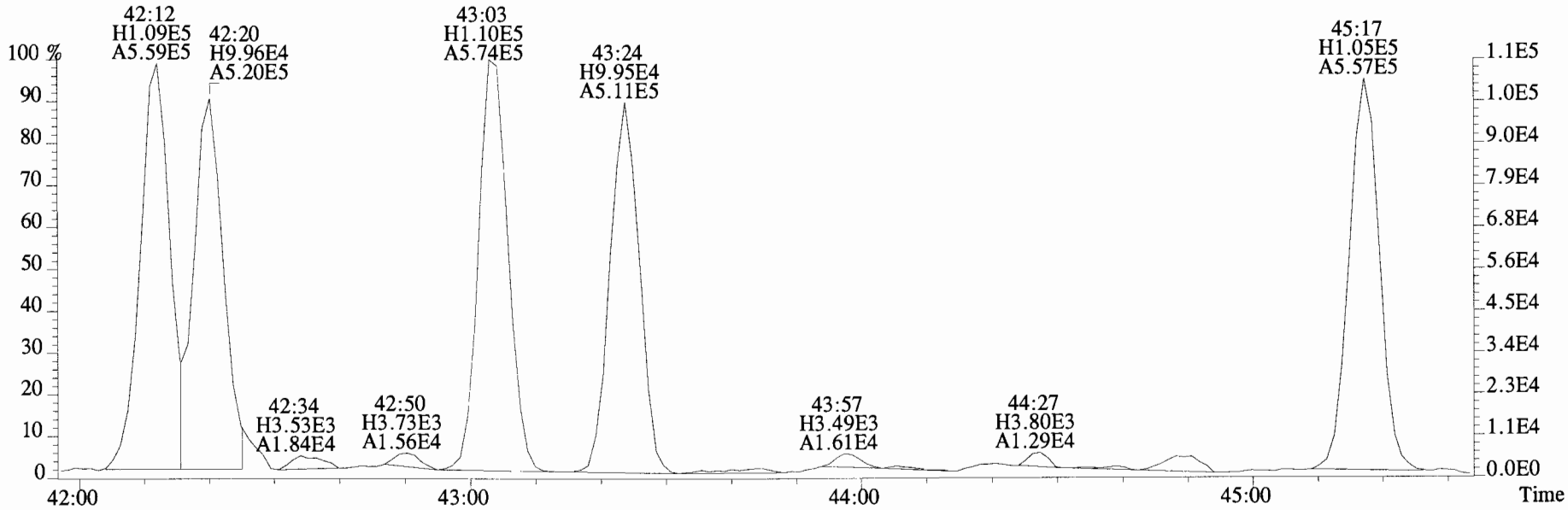
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1



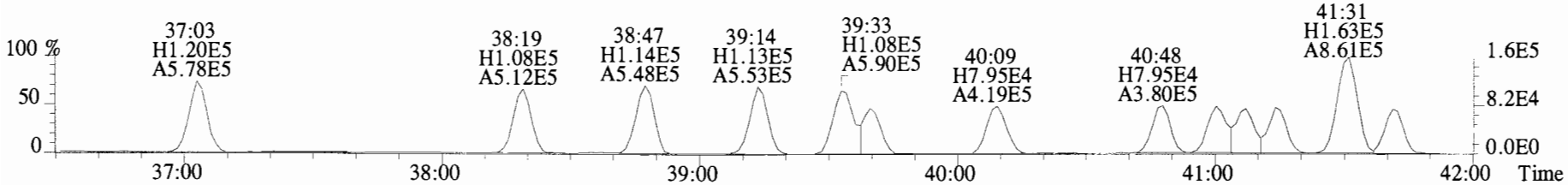
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



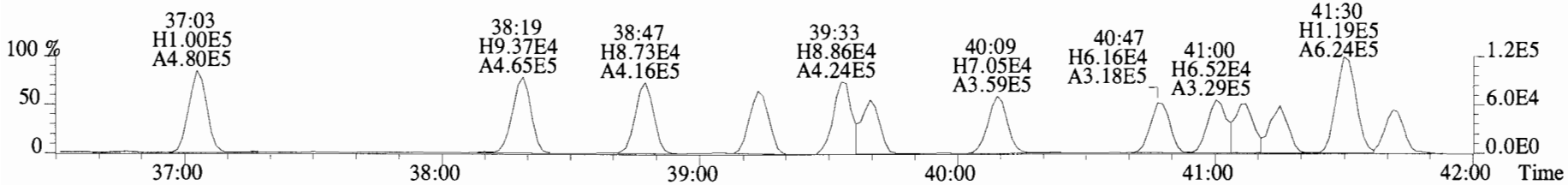
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2472.0,0.00%,F,F)



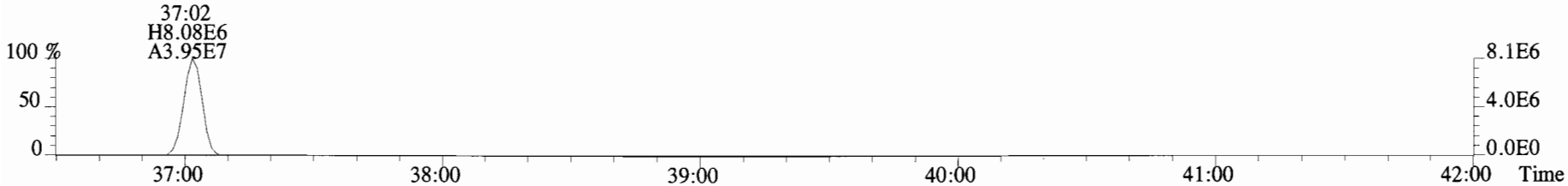
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



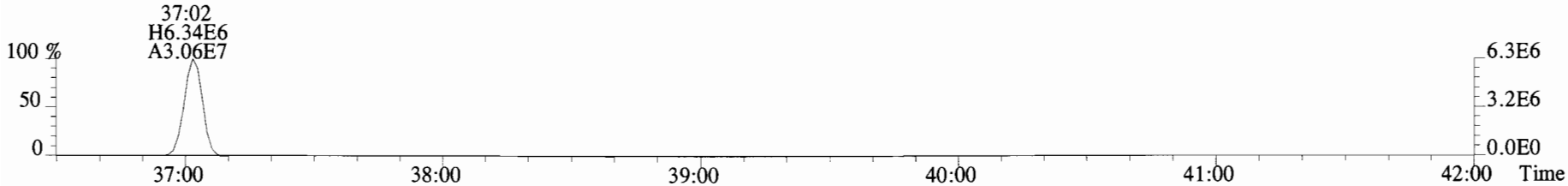
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1724.0,0.00%,F,F)



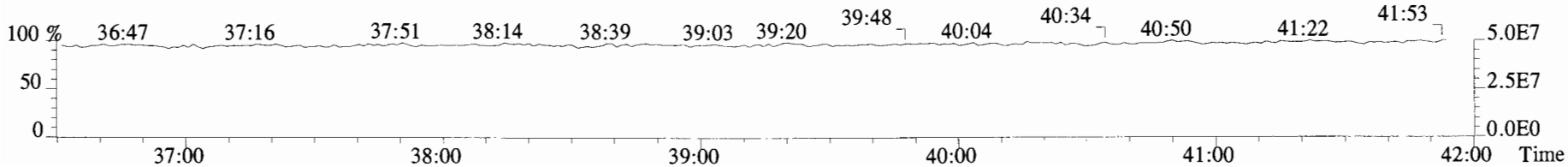
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)



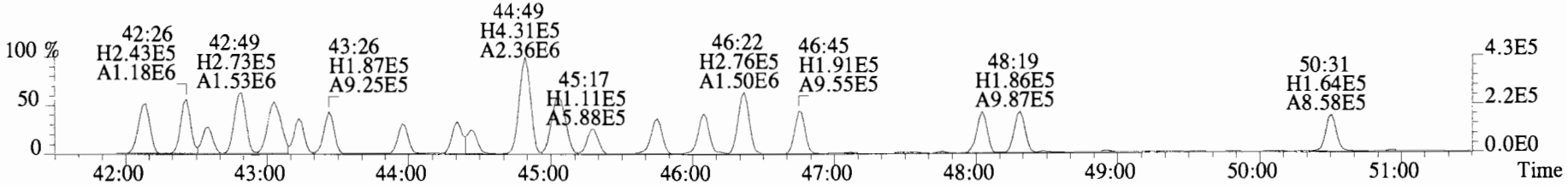
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



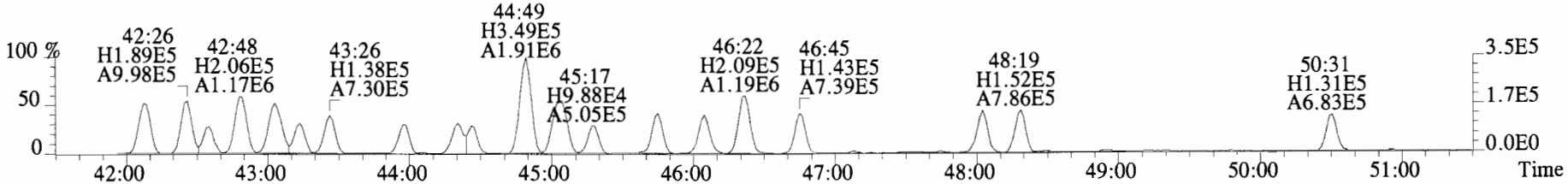
330.9792 S:2 F:3



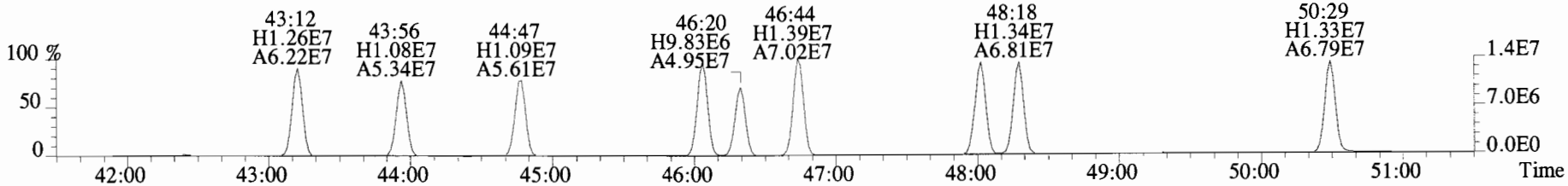
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2208.0,0.00%,F,F)



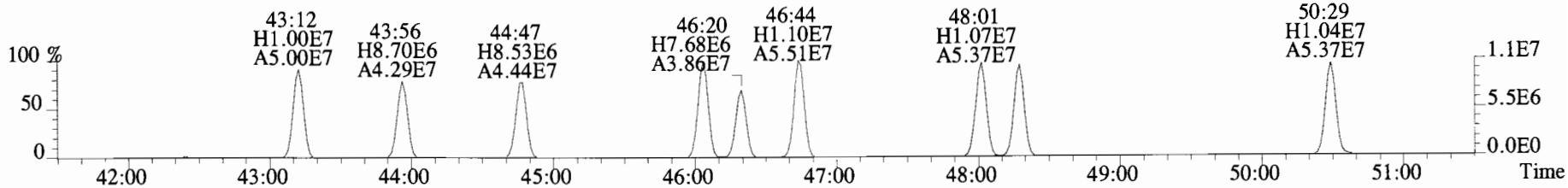
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



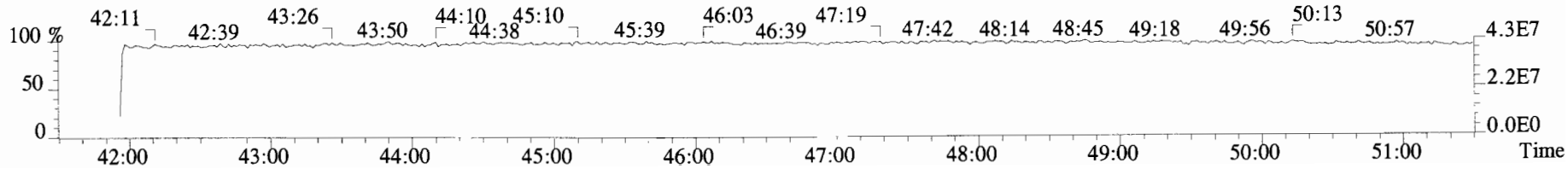
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17732.0,0.00%,F,F)



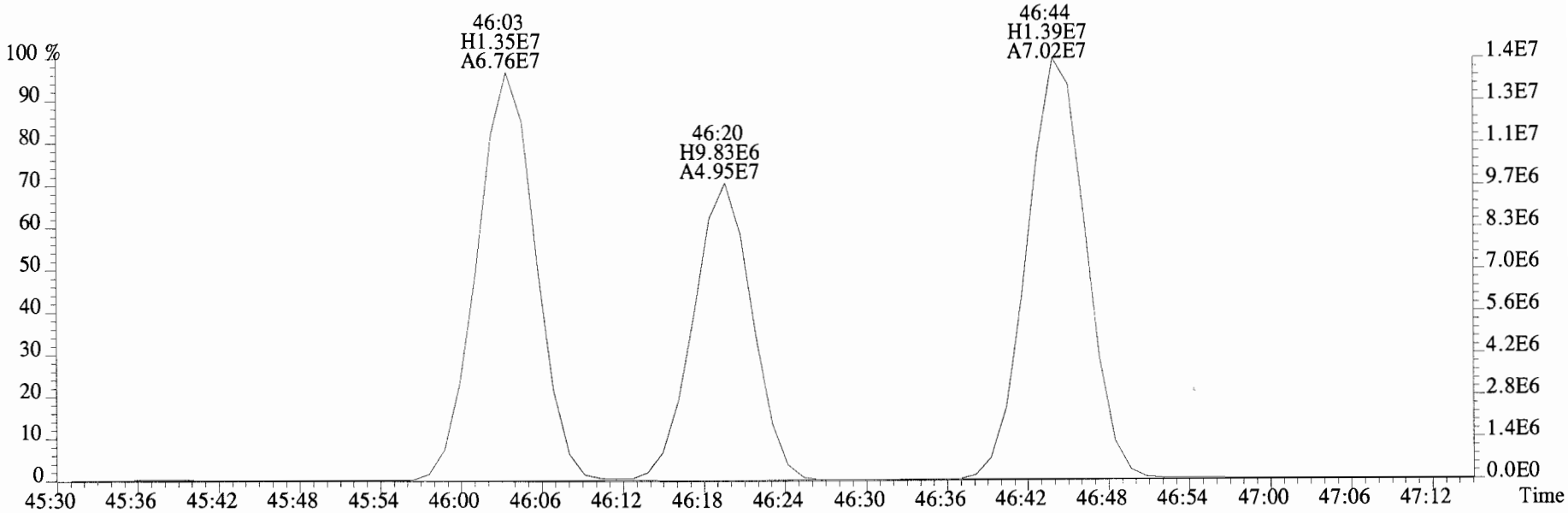
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13780.0,0.00%,F,F)



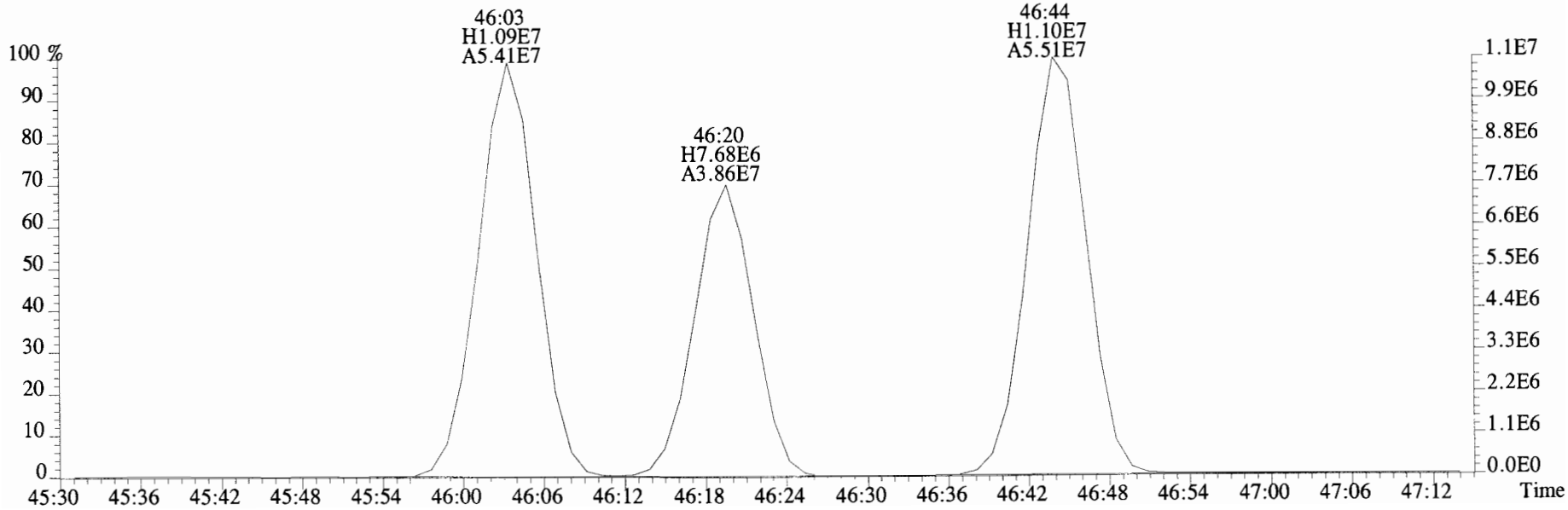
380.9760 S:2 F:4



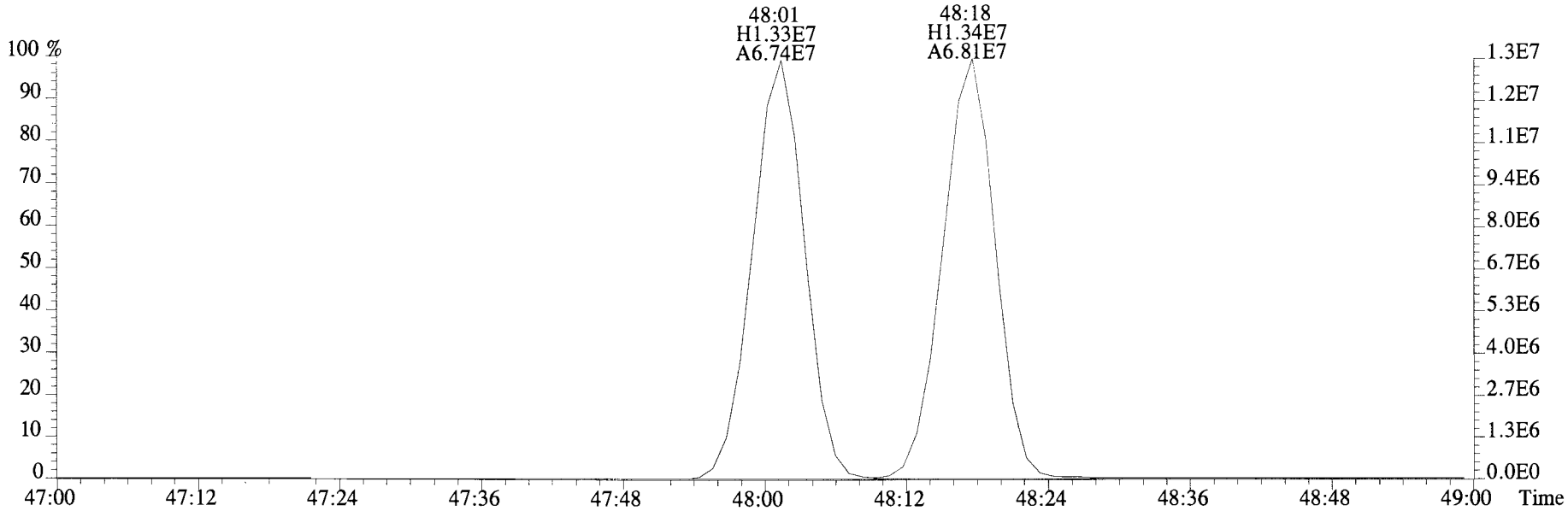
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17732.0,0.00%,F,F)



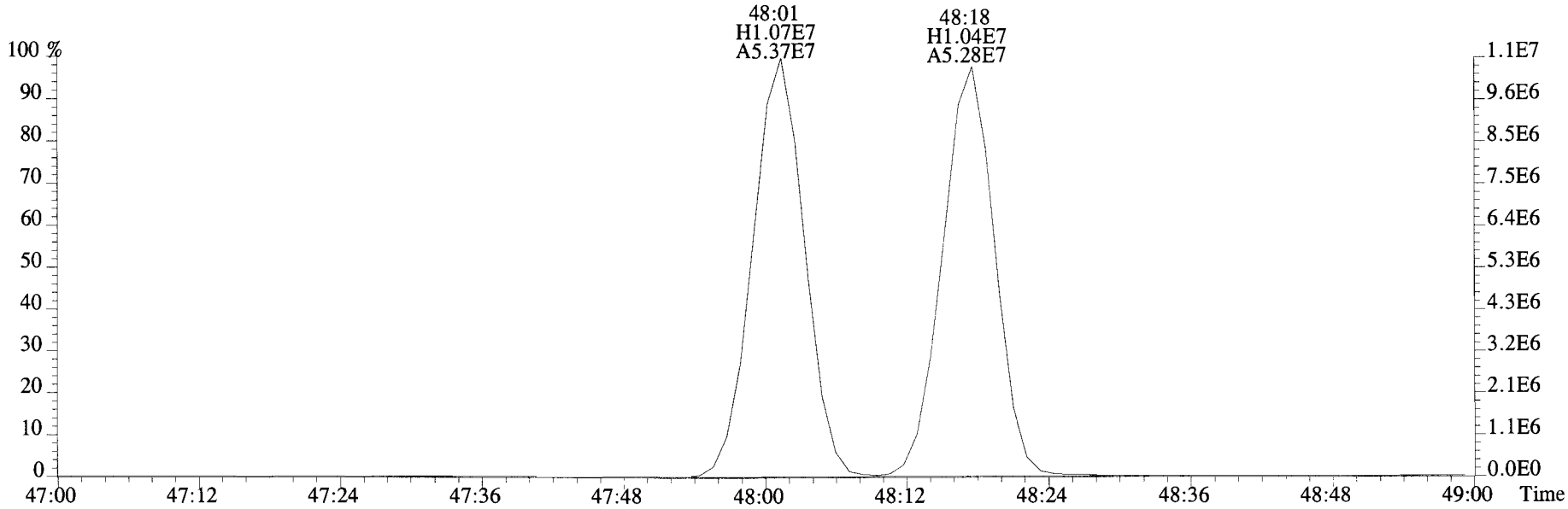
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13780.0,0.00%,F,F)



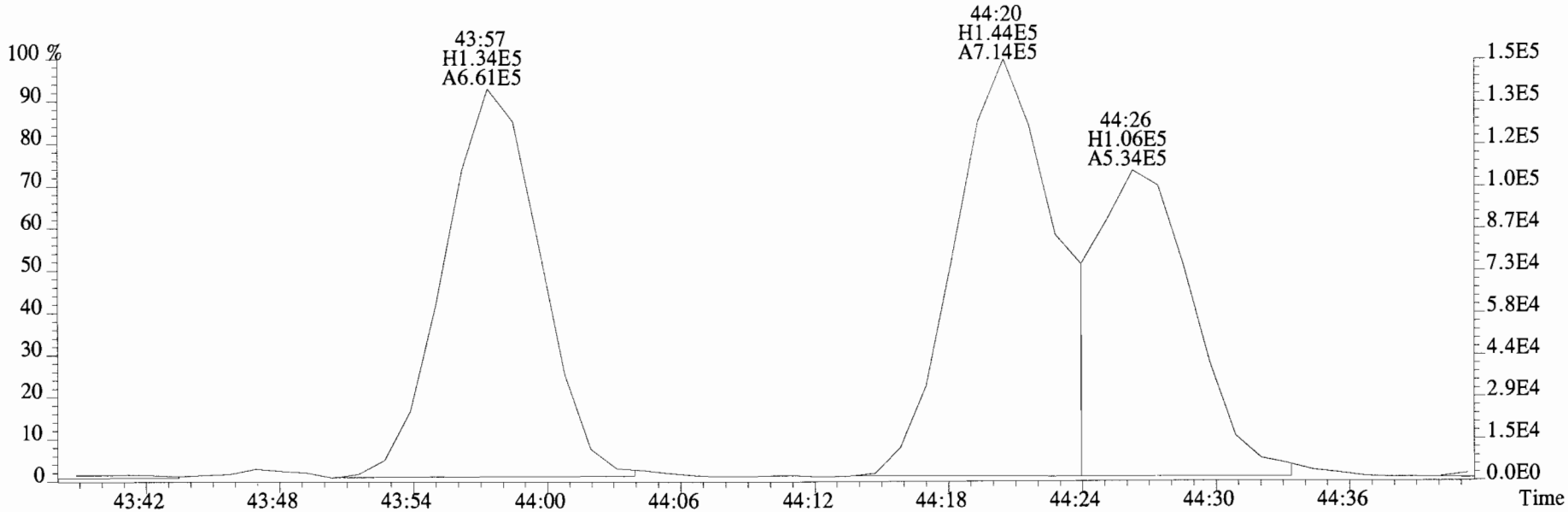
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17732.0,0.00%,F,F)



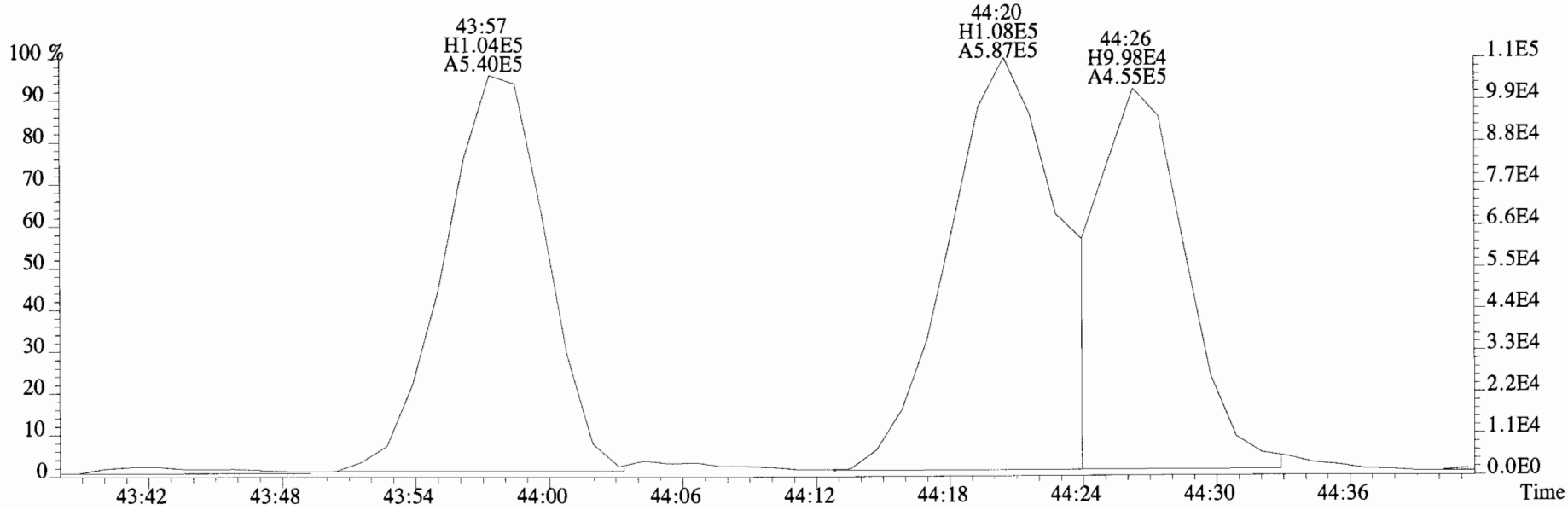
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13780.0,0.00%,F,F)



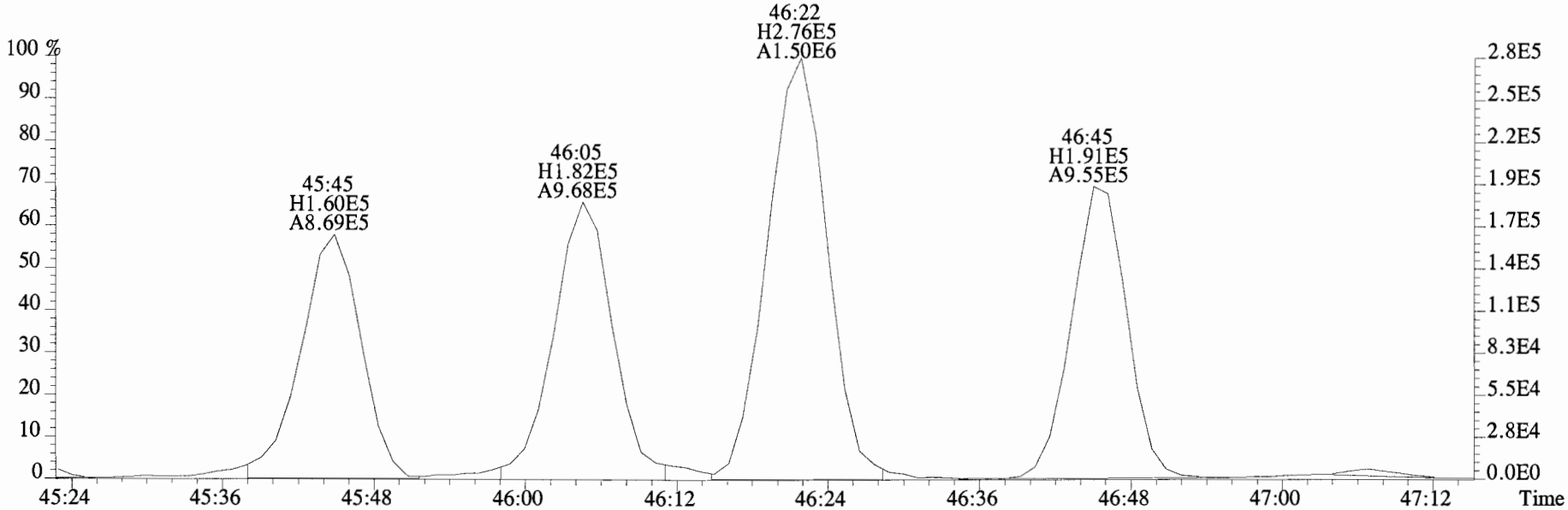
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2208.0,0.00%,F,F)



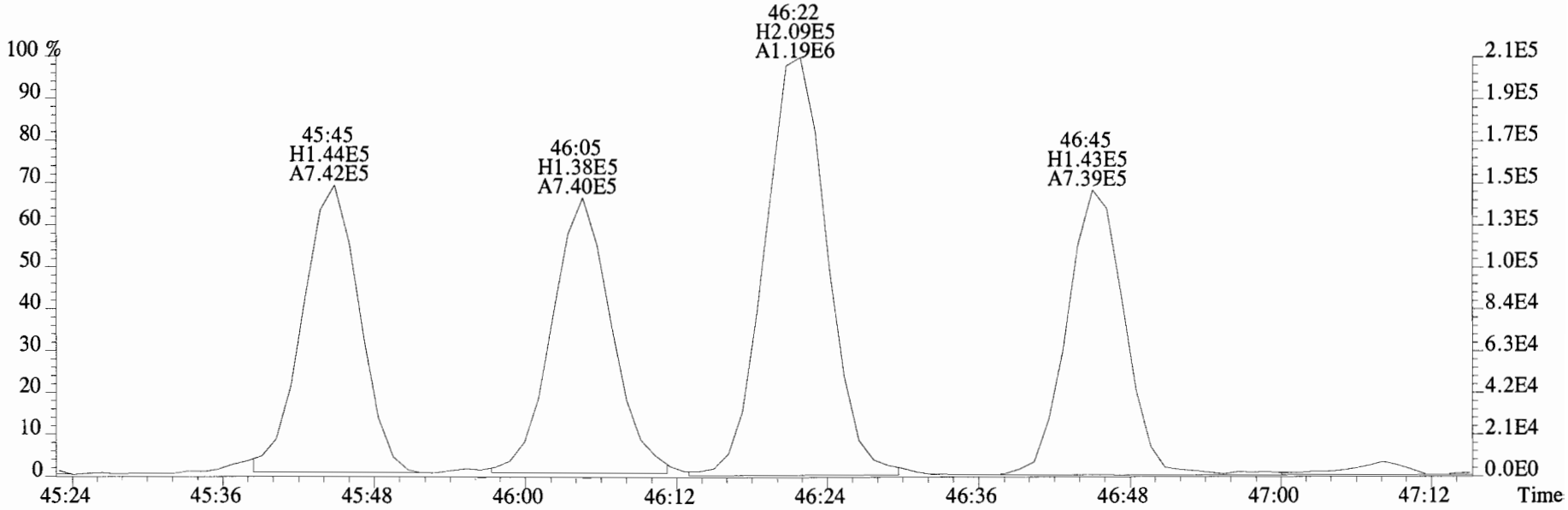
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



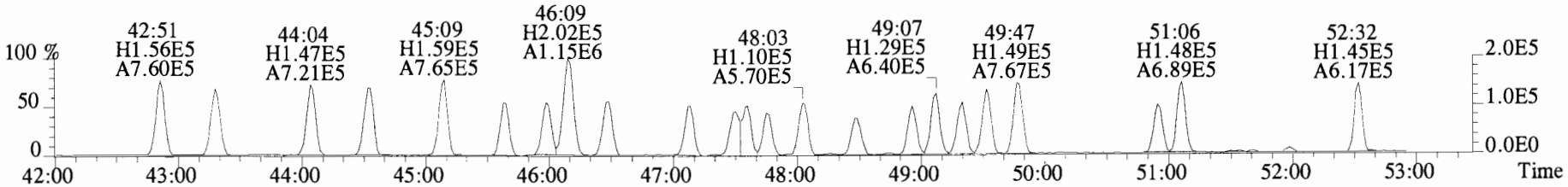
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2208.0,0.00%,F,F)



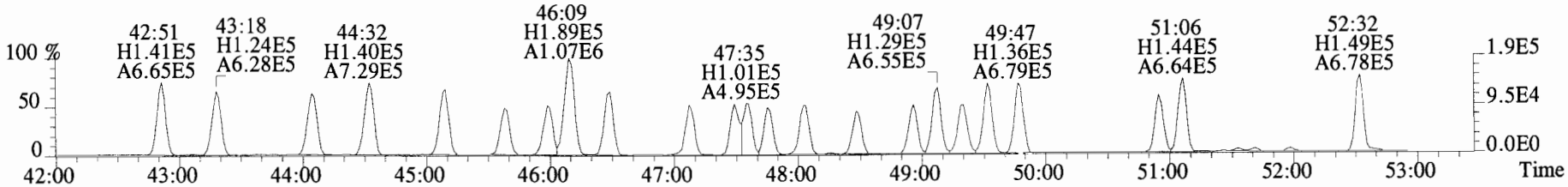
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



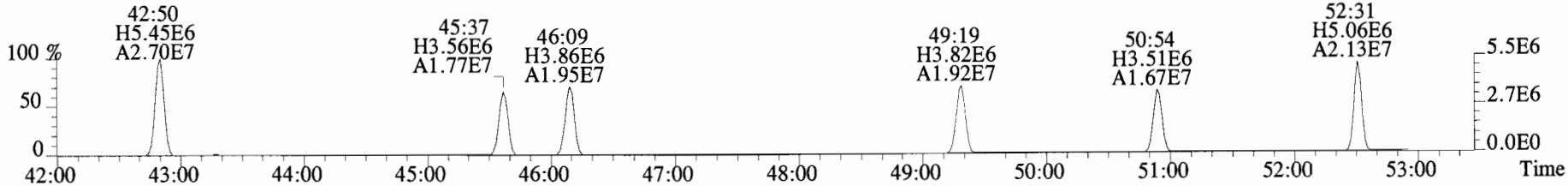
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



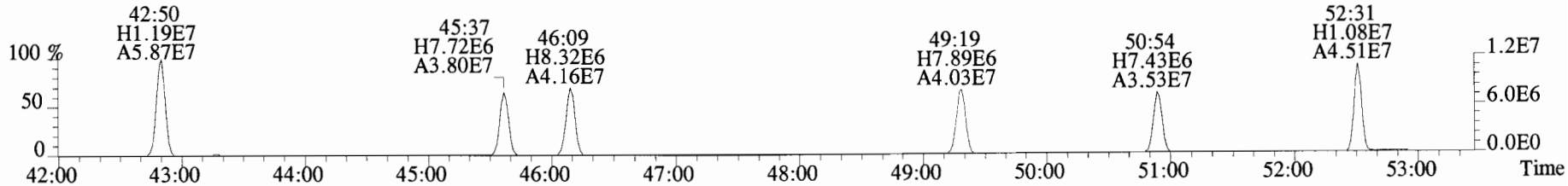
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2304.0,0.00%,F,F)



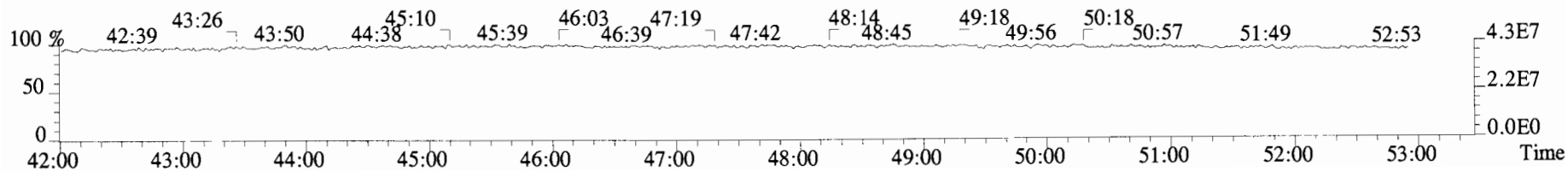
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6620.0,0.00%,F,F)



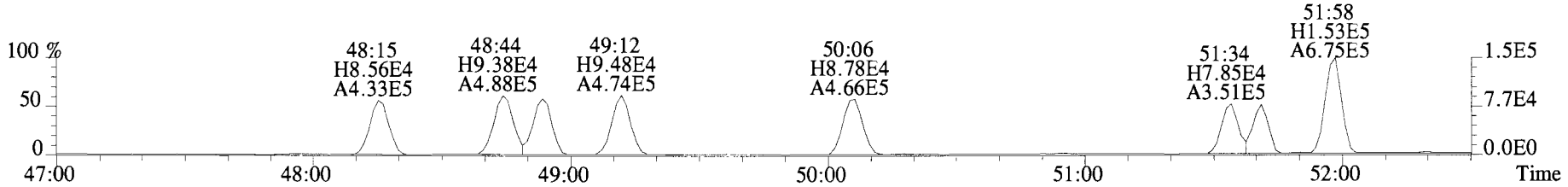
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13248.0,0.00%,F,F)



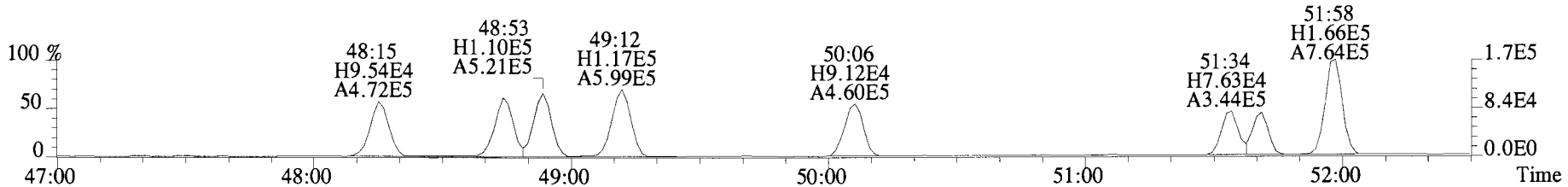
380.9760 S:2 F:4



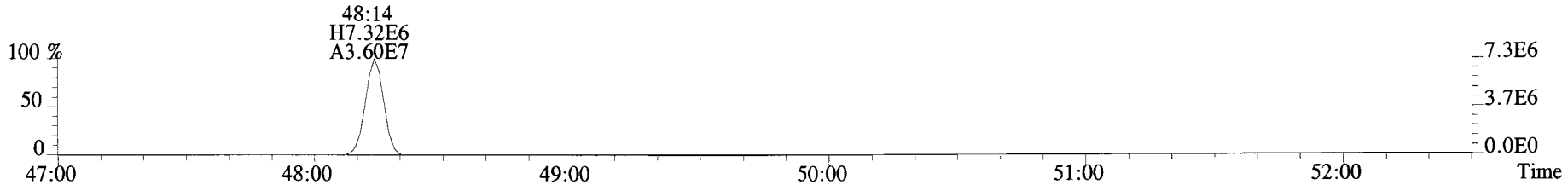
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



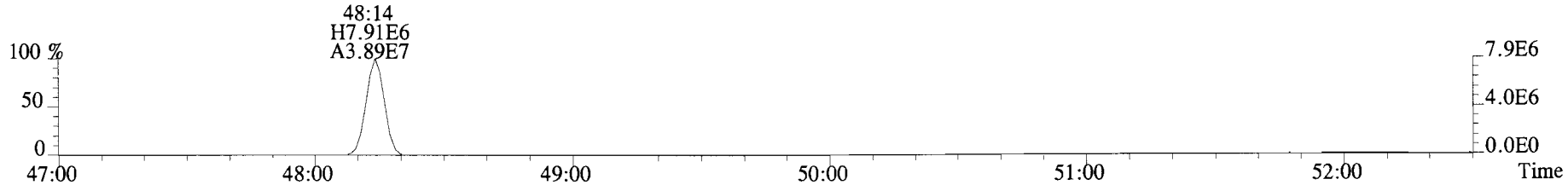
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



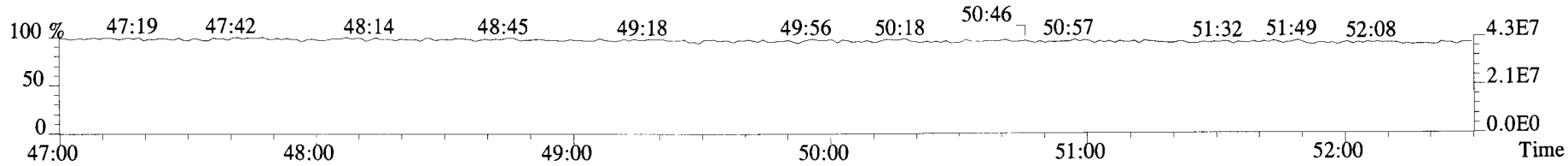
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



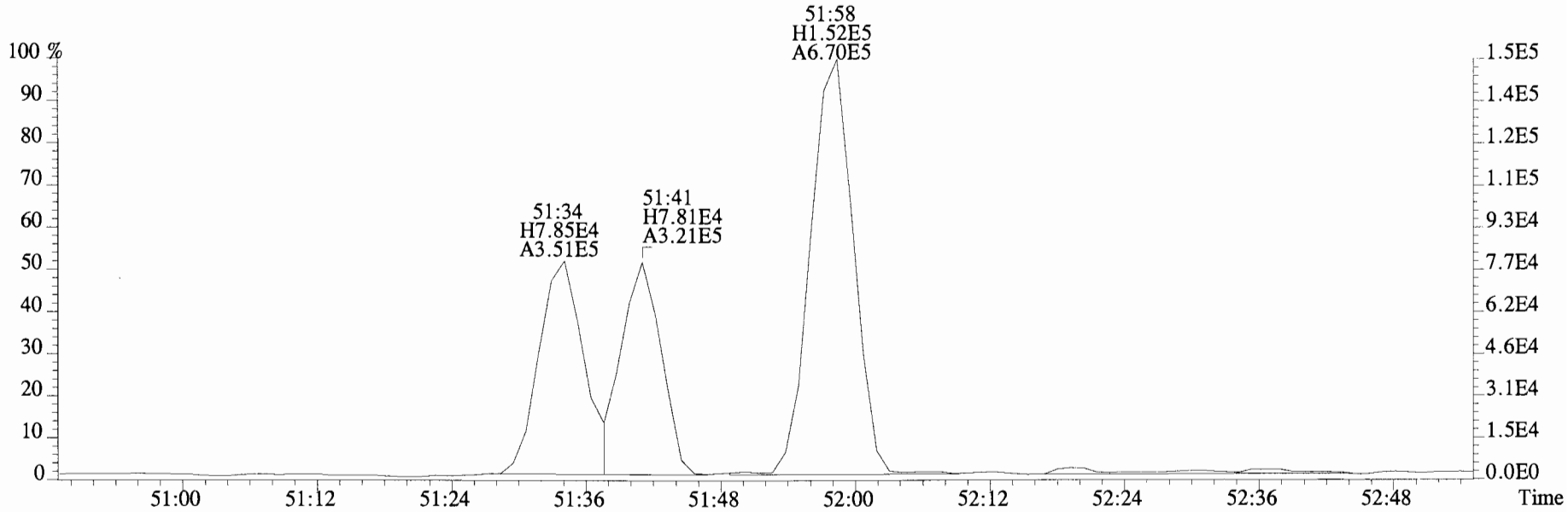
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3836.0,0.00%,F,F)



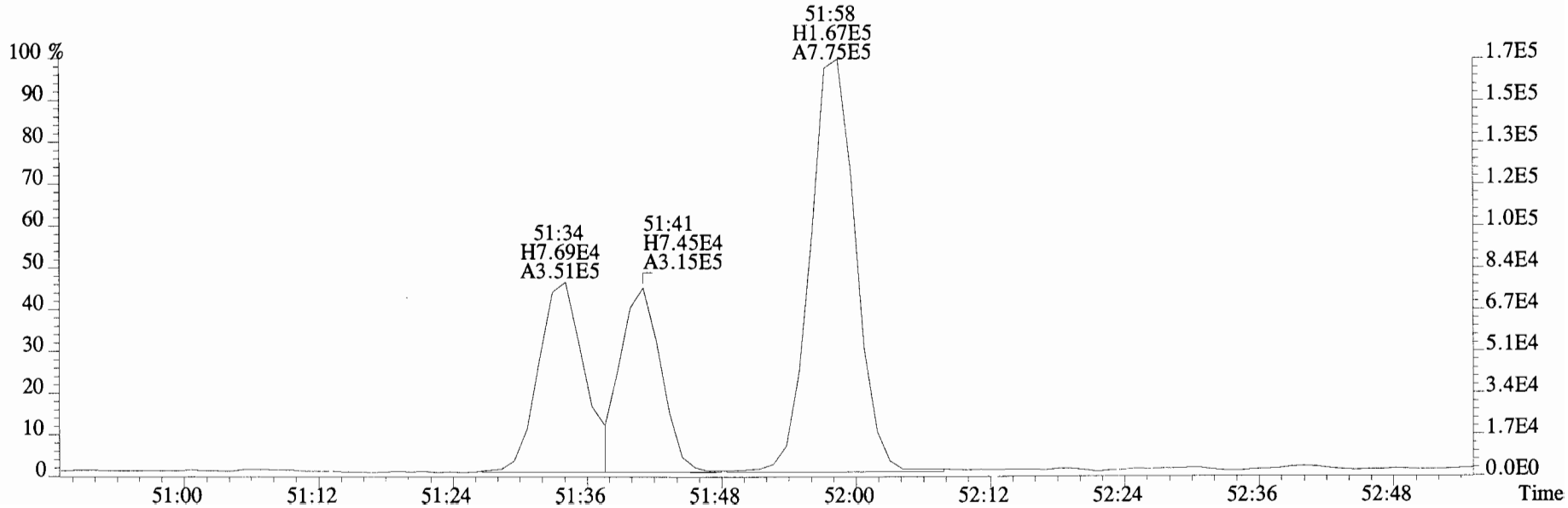
380.9760 S:2 F:4



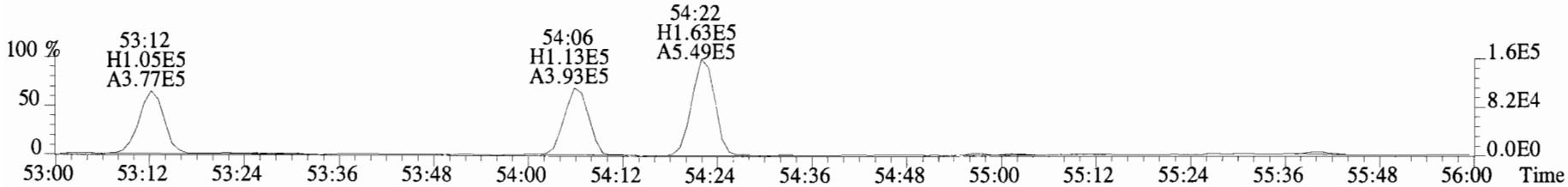
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



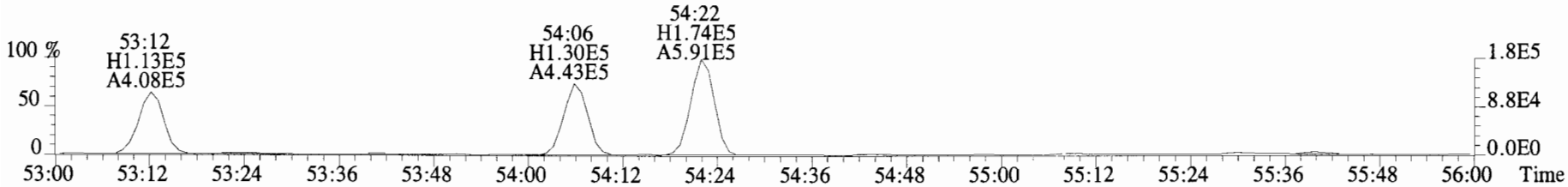
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



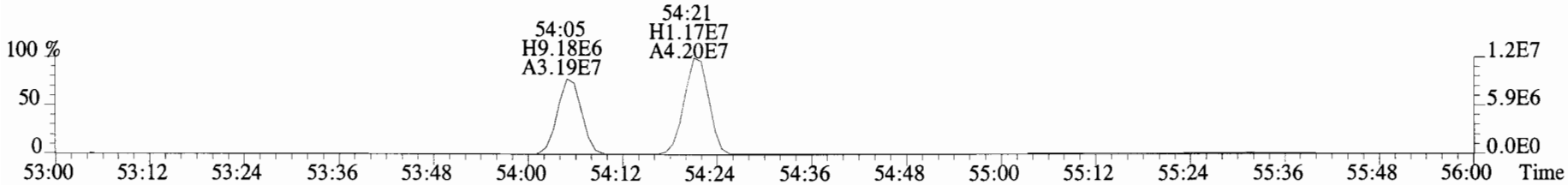
File:171027E1 #1-407 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



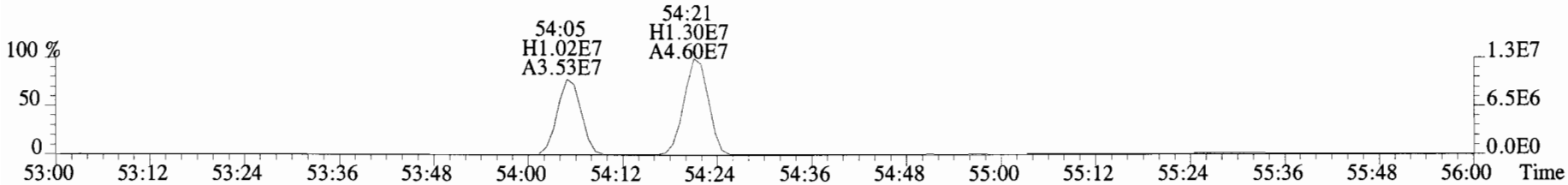
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1900.0,0.00%,F,F)



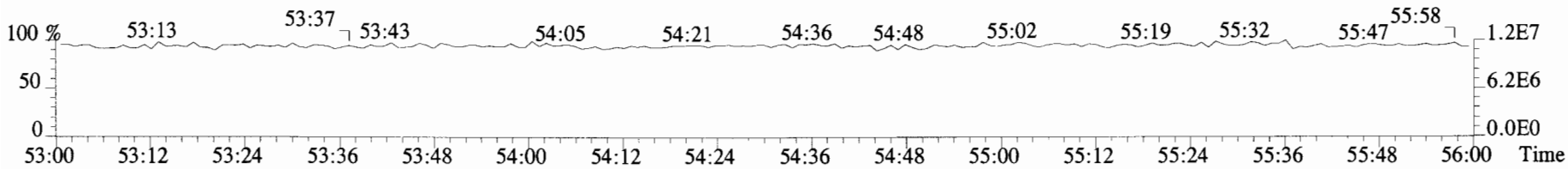
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



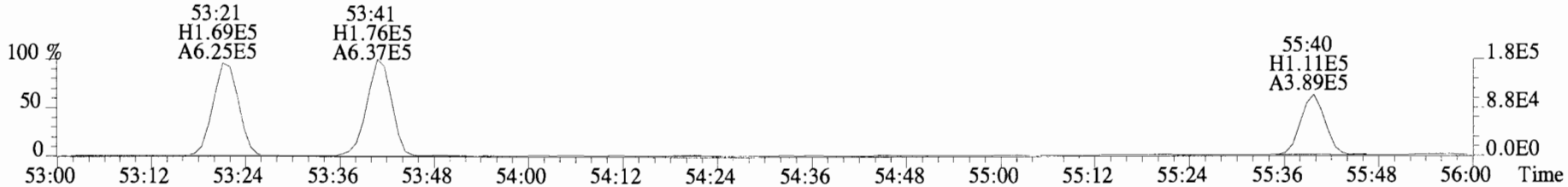
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6616.0,0.00%,F,F)



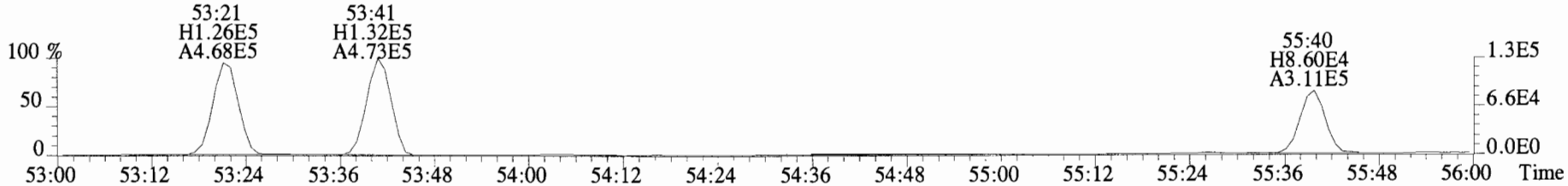
492.9697 S:2 F:5



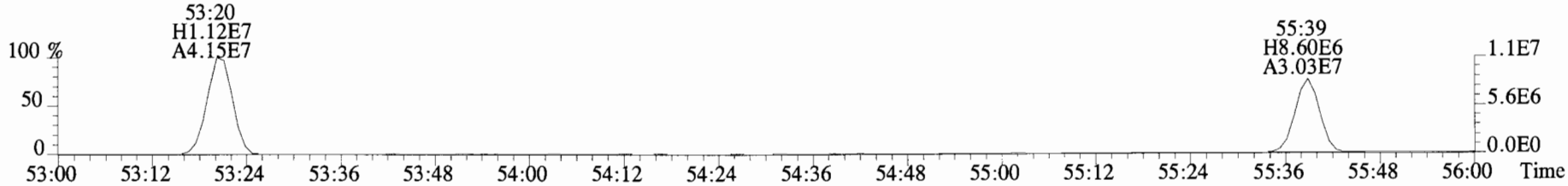
File:171027E1 #1-407 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



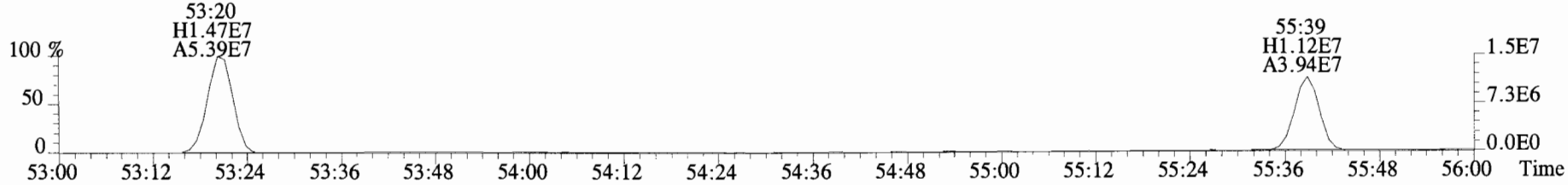
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



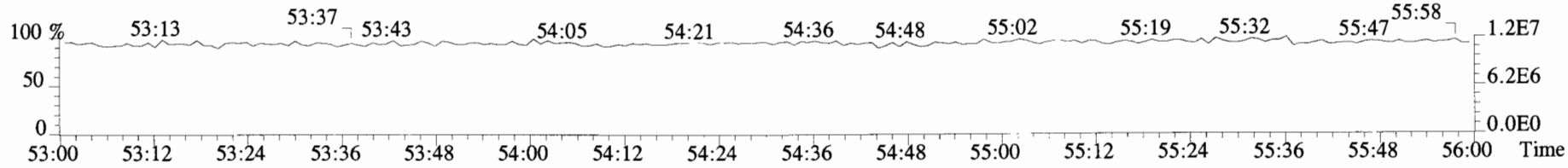
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31348.0,0.00%,F,F)



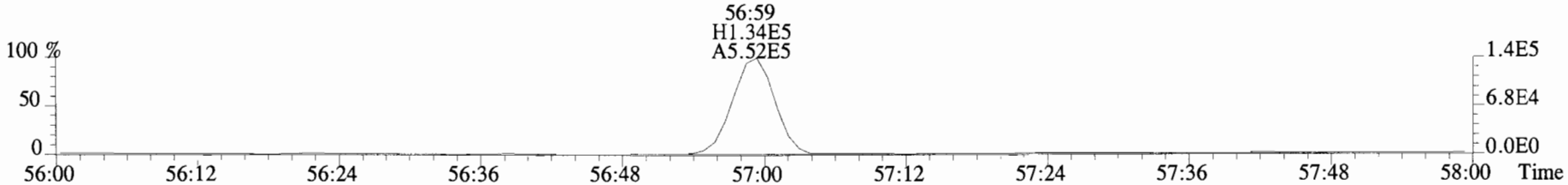
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49644.0,0.00%,F,F)



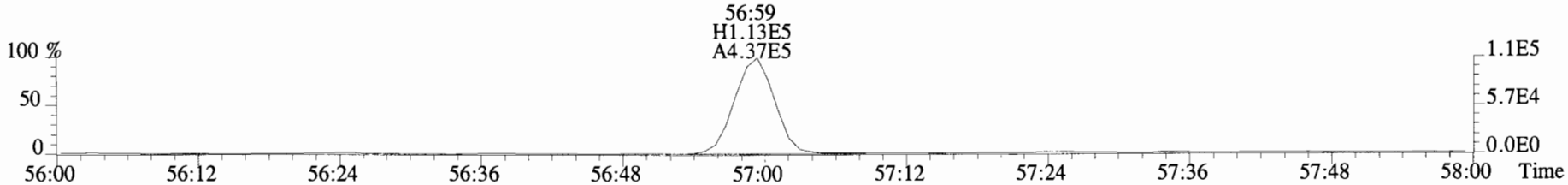
492.9697 S:2 F:5



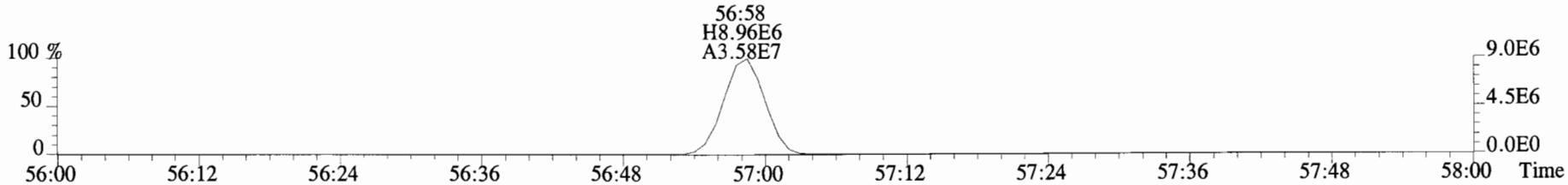
File:171027E1 #1-407 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



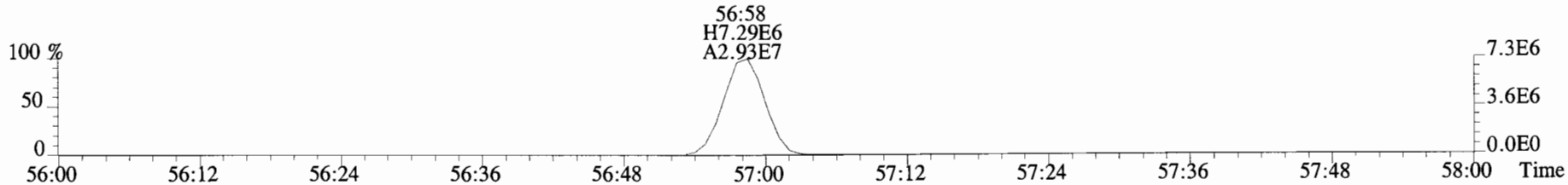
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



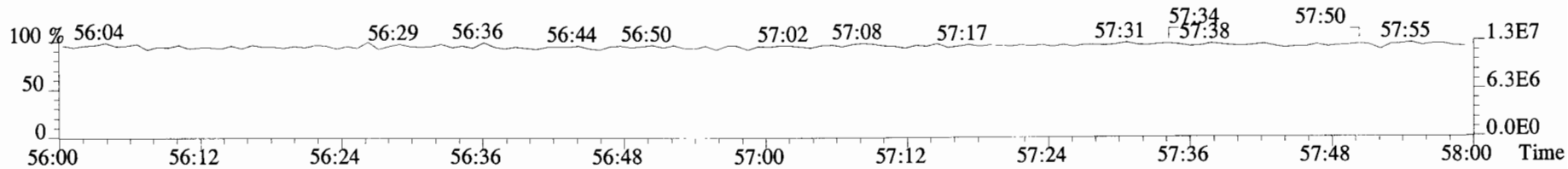
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1644.0,0.00%,F,F)



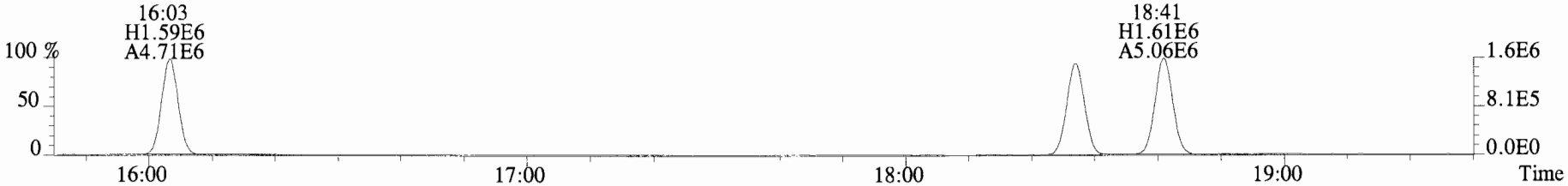
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



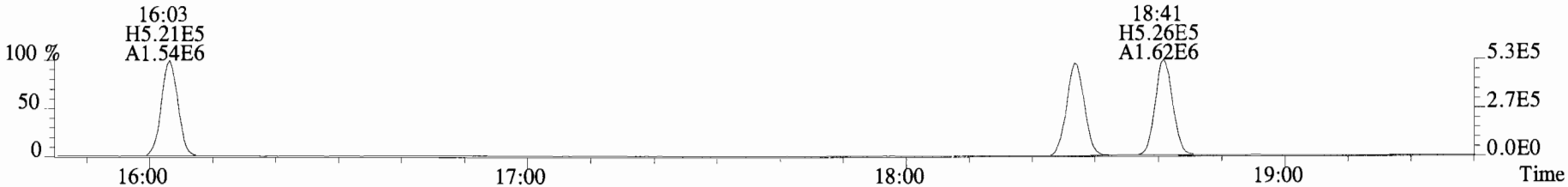
492.9697 S:2 F:5



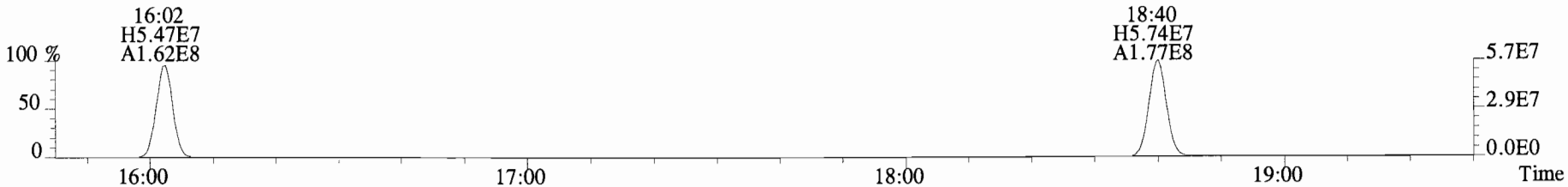
File:171027E1 #1-866 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8332.0,0.00%,F,F)



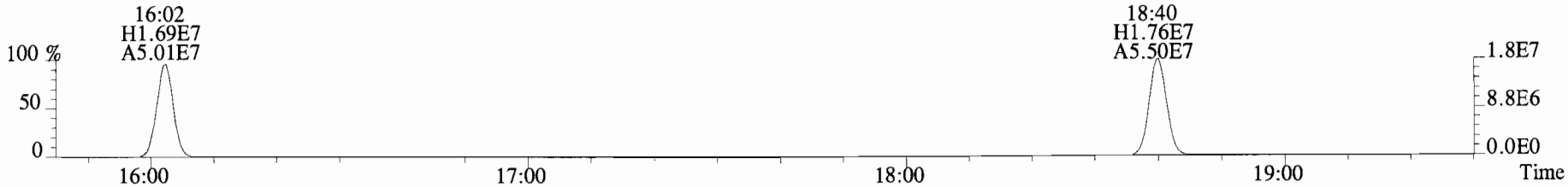
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5964.0,0.00%,F,F)



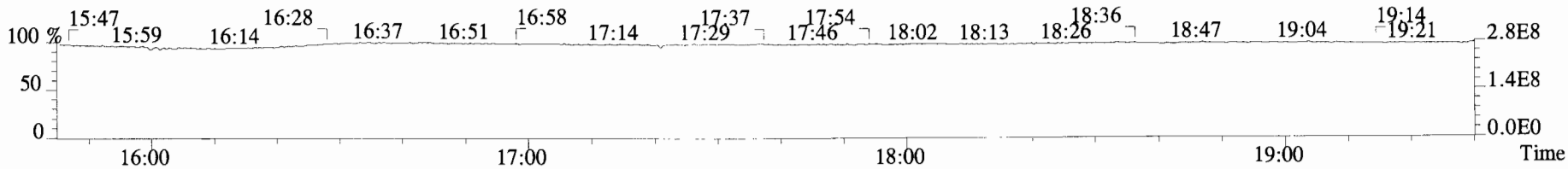
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5840.0,0.00%,F,F)



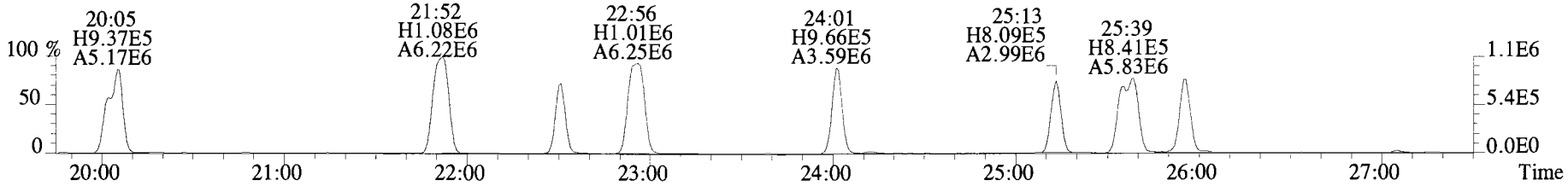
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13472.0,0.00%,F,F)



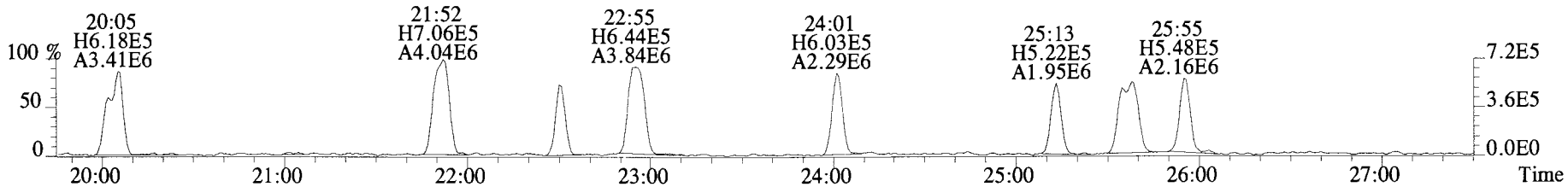
180.9880 S:3



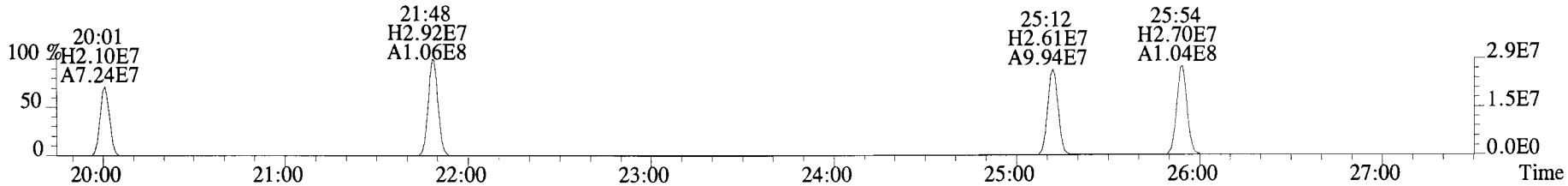
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



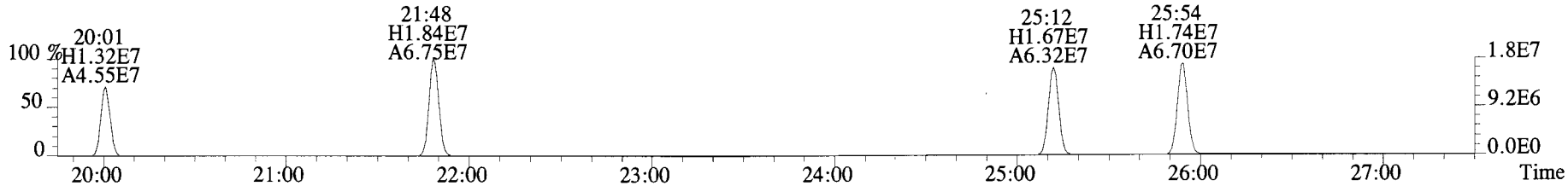
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20228.0,0.00%,F,F)



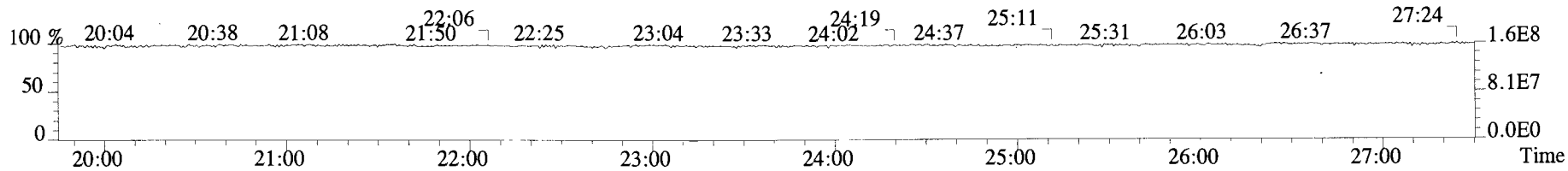
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



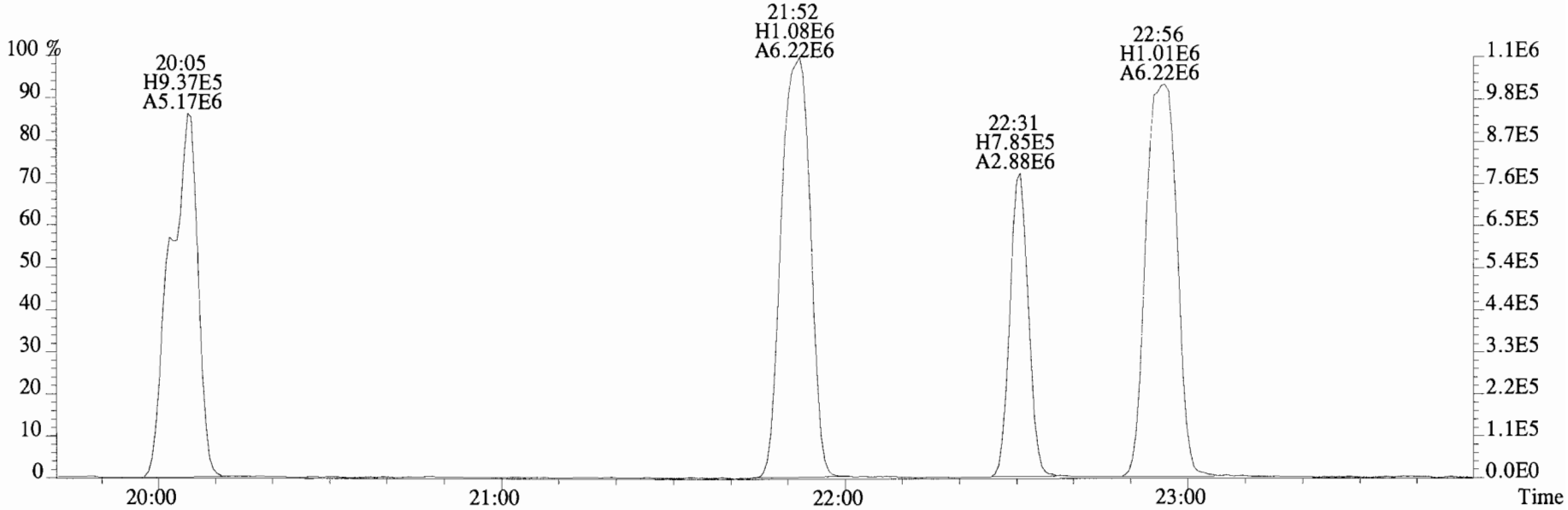
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



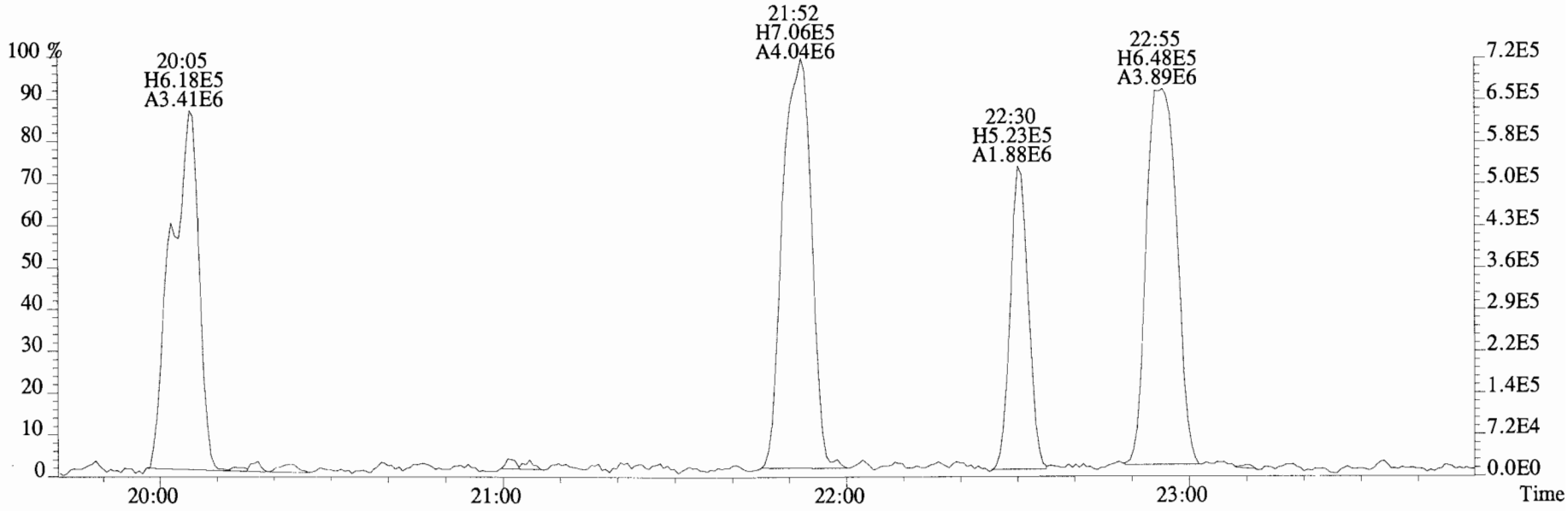
230.9856 S:3 F:2



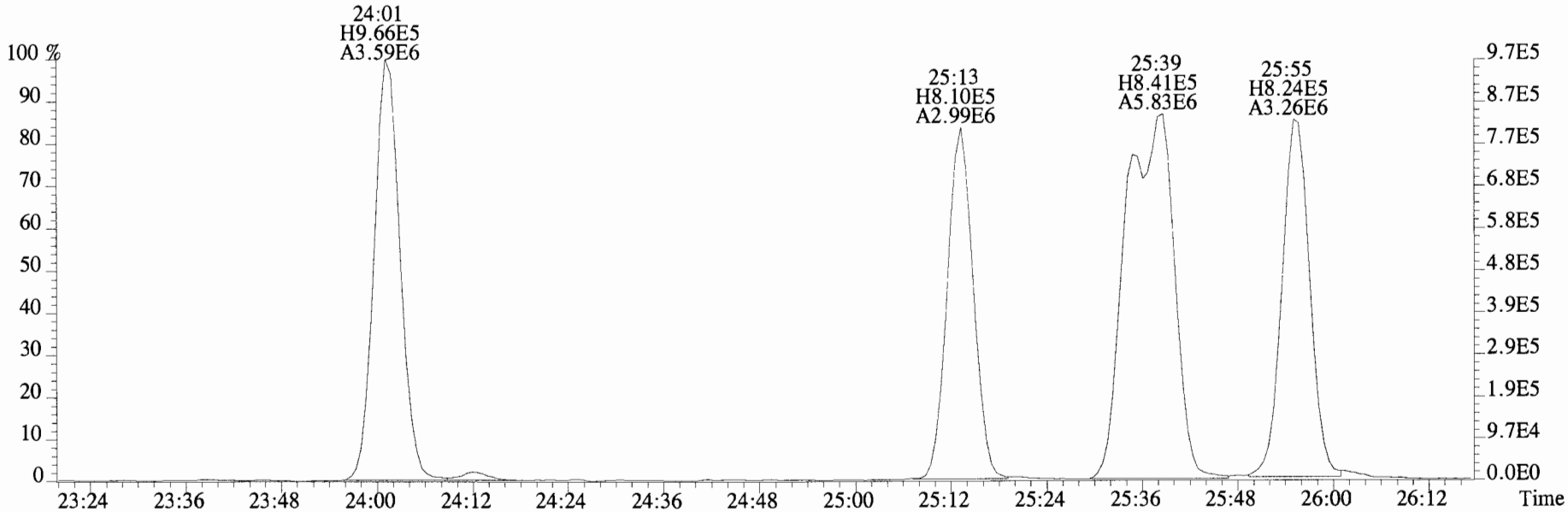
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



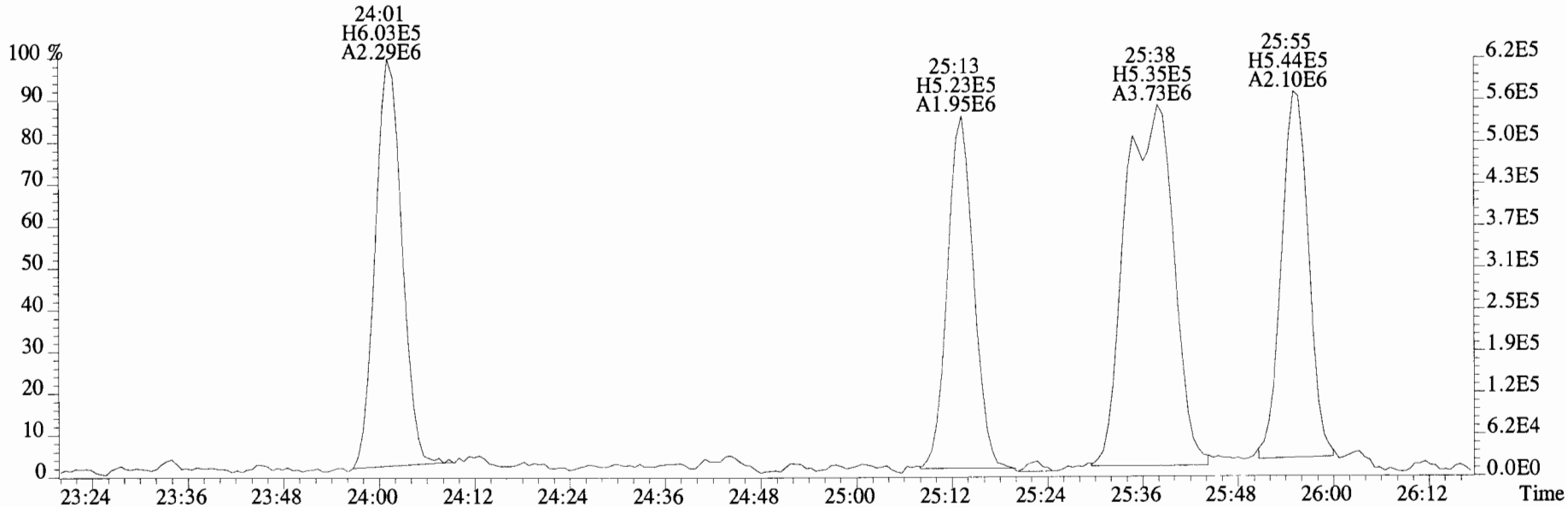
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20228.0,0.00%,F,F)



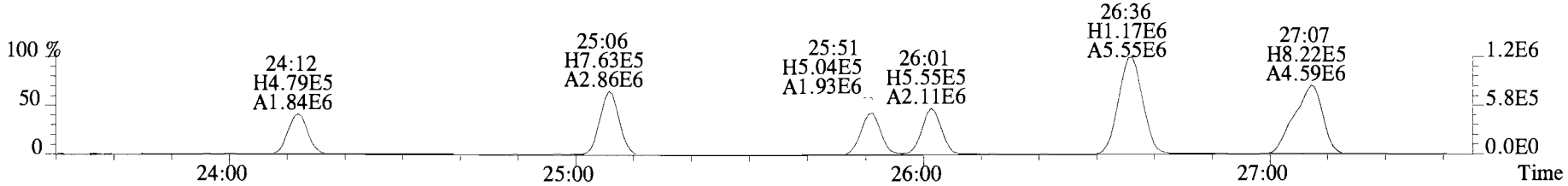
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



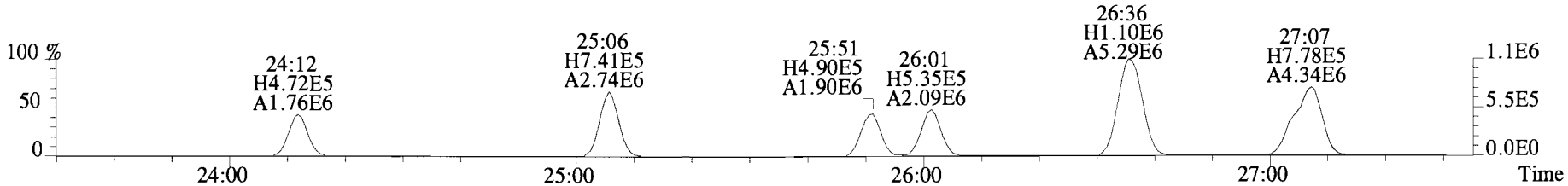
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20228.0,0.00%,F,F)



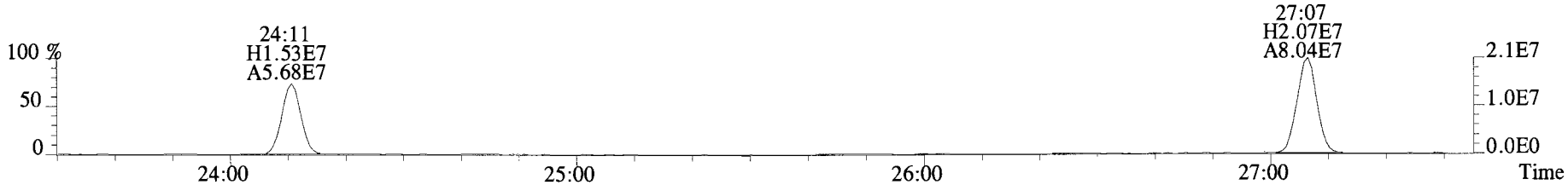
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3956.0,0.00%,F,F)



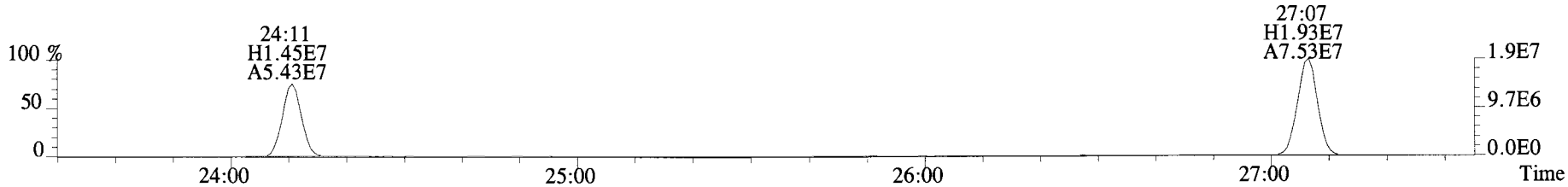
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



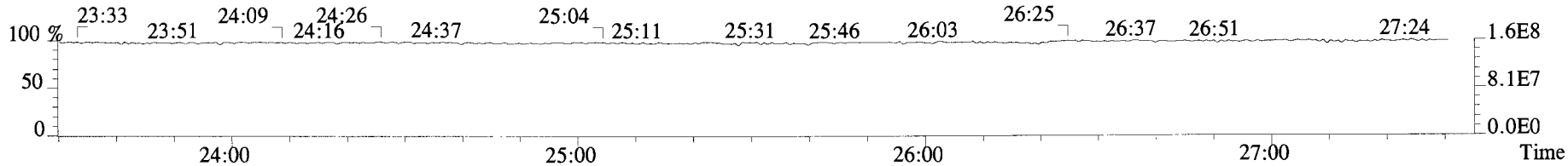
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77808.0,0.00%,F,F)



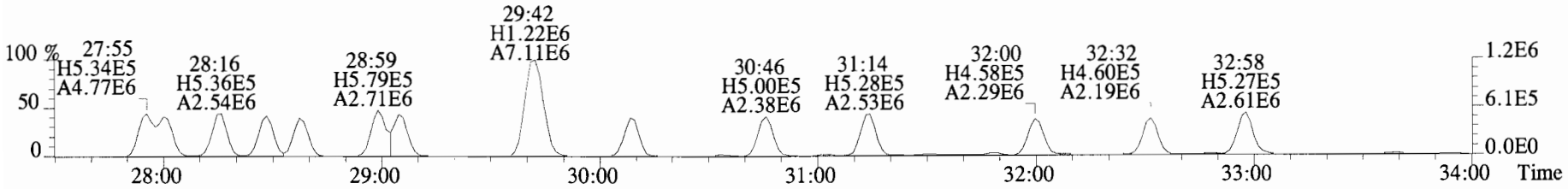
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56296.0,0.00%,F,F)



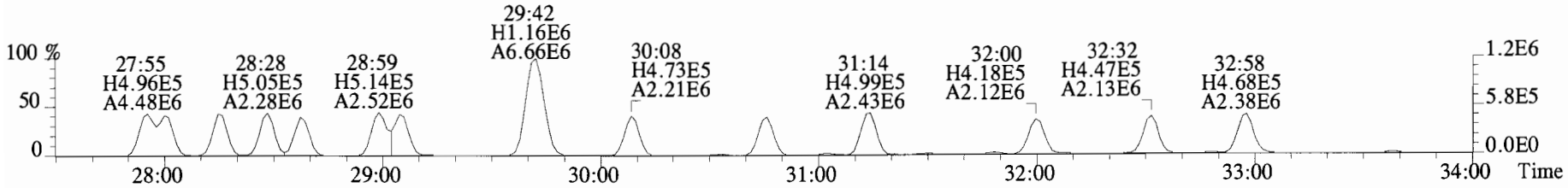
230.9856 S:3 F:2



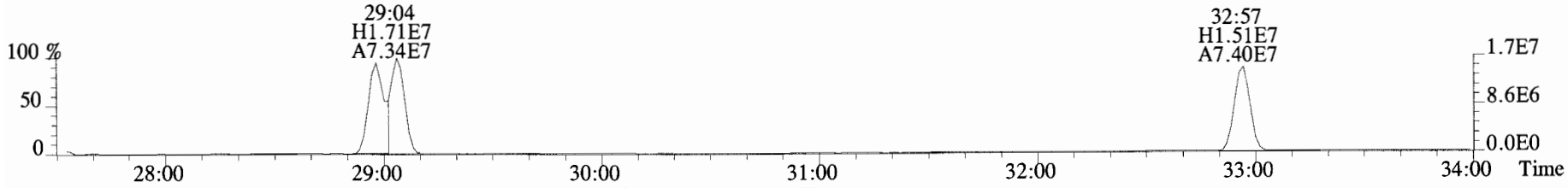
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3848.0,0.00%,F,F)



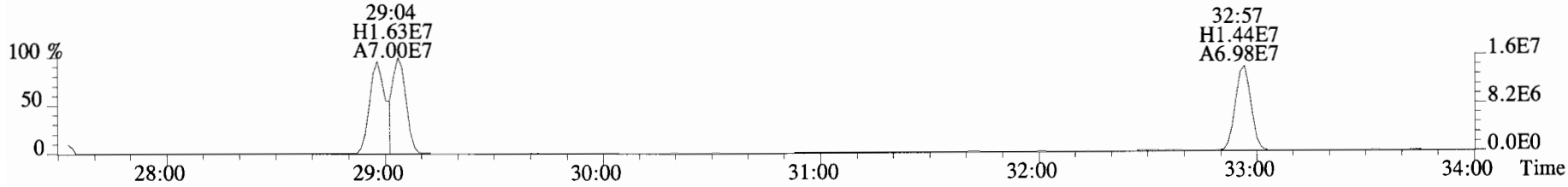
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



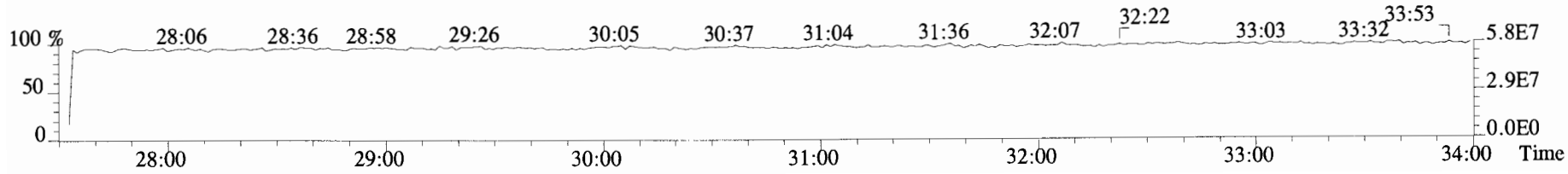
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99012.0,0.00%,F,F)



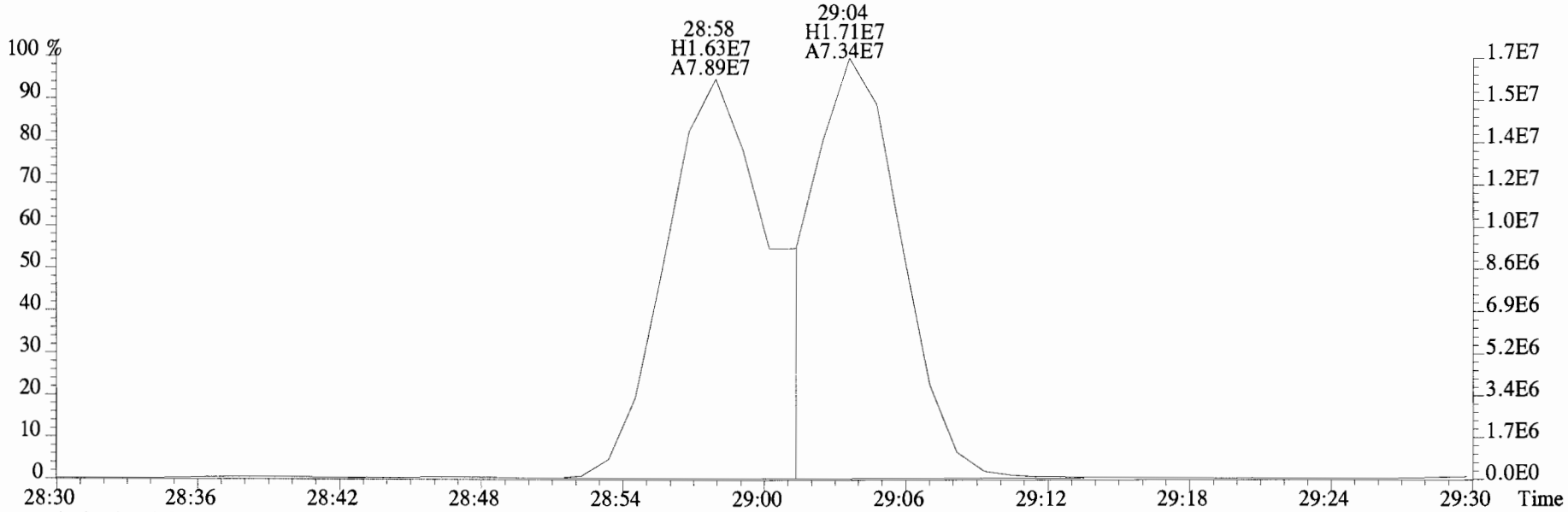
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46560.0,0.00%,F,F)



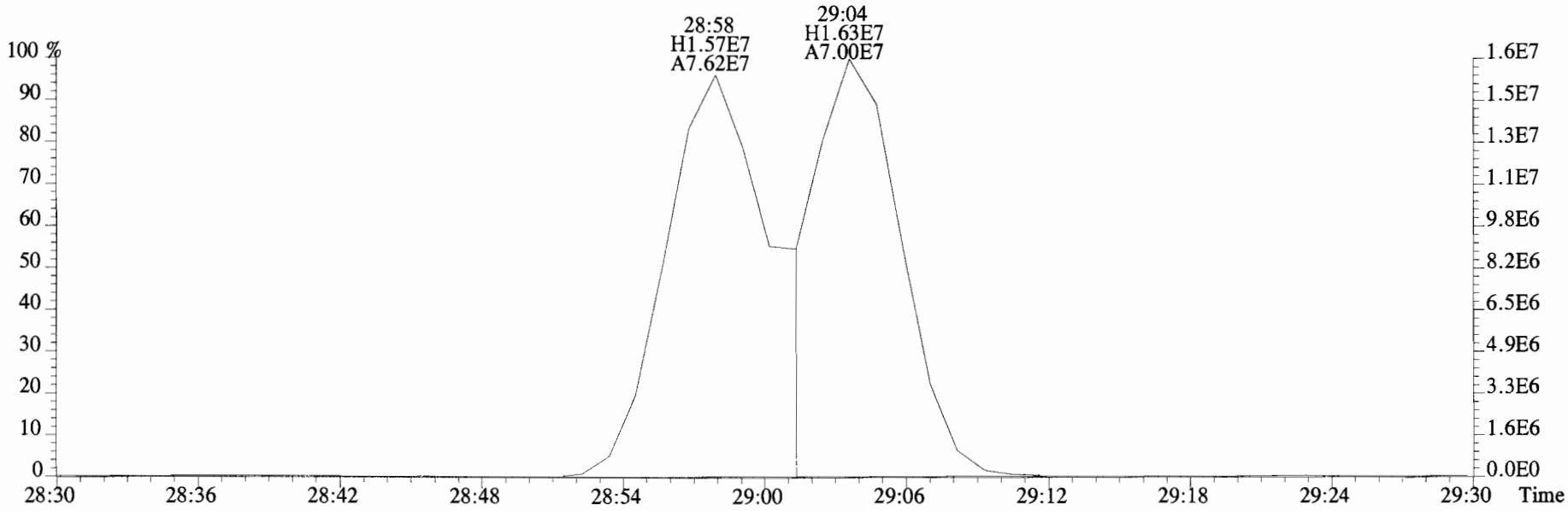
330.9792 S:3 F:3



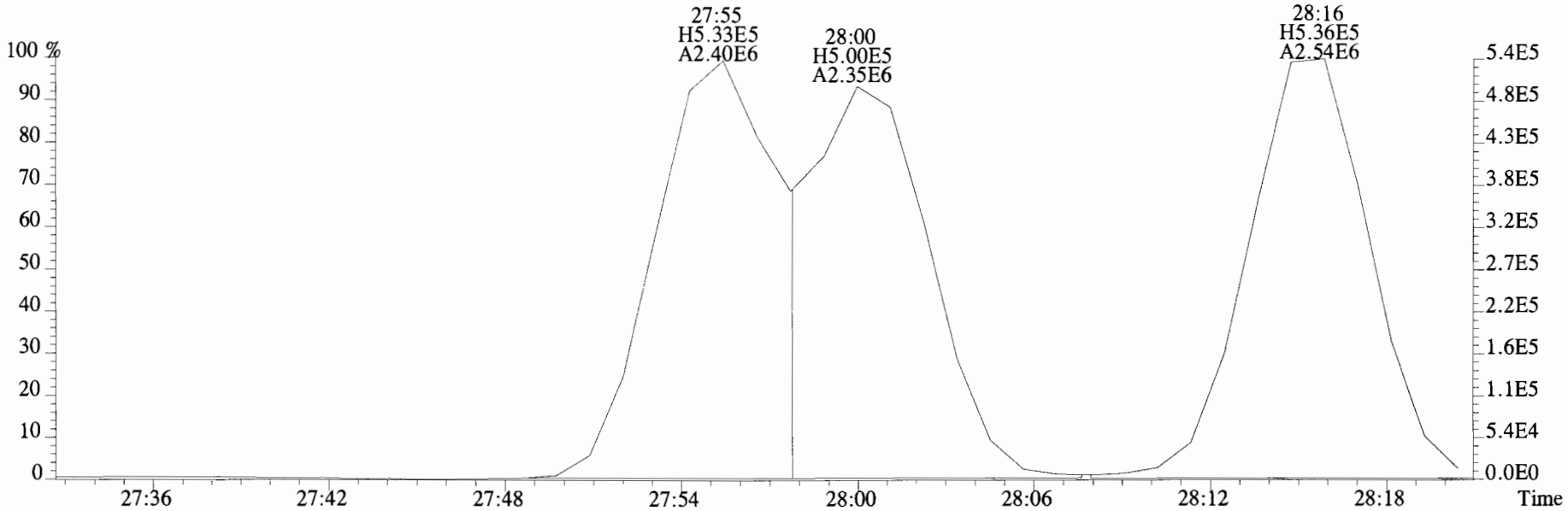
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99012.0,0.00%,F,F)



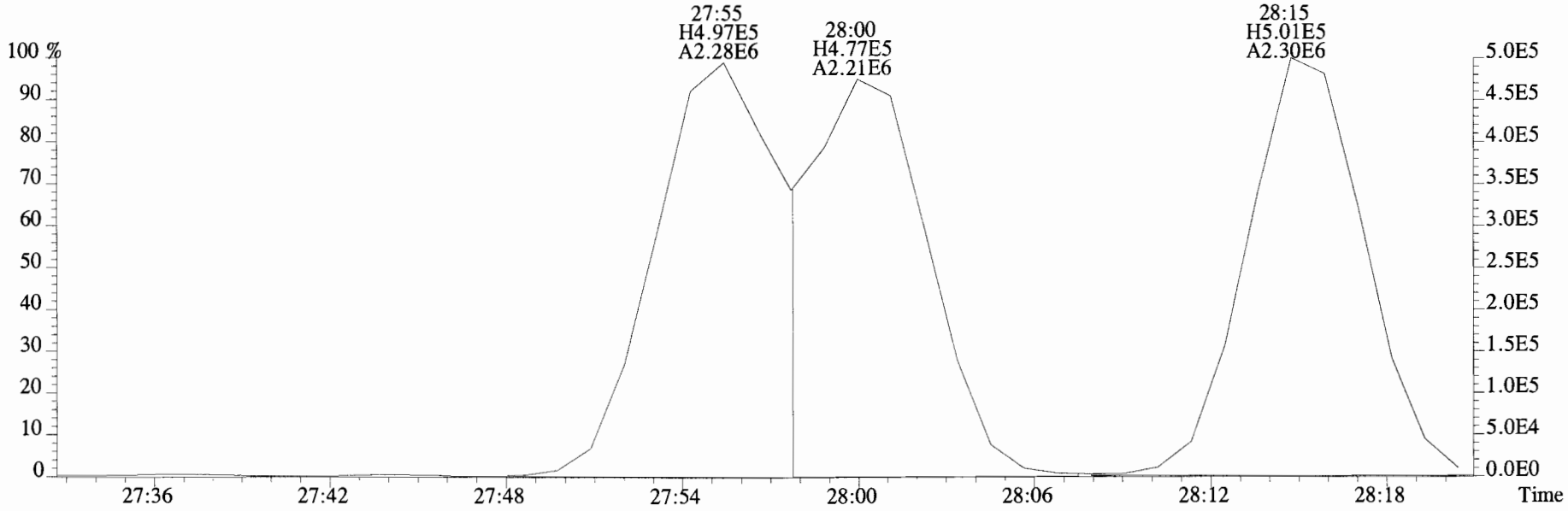
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46560.0,0.00%,F,F)



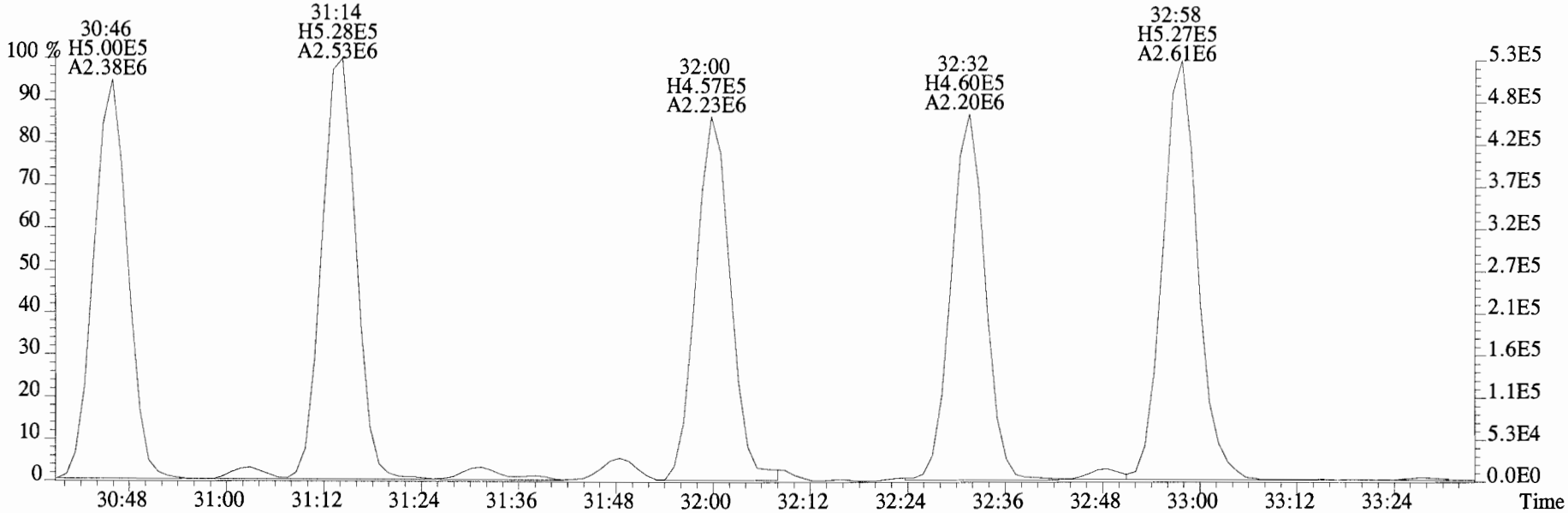
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3848.0,0.00%,F,F)



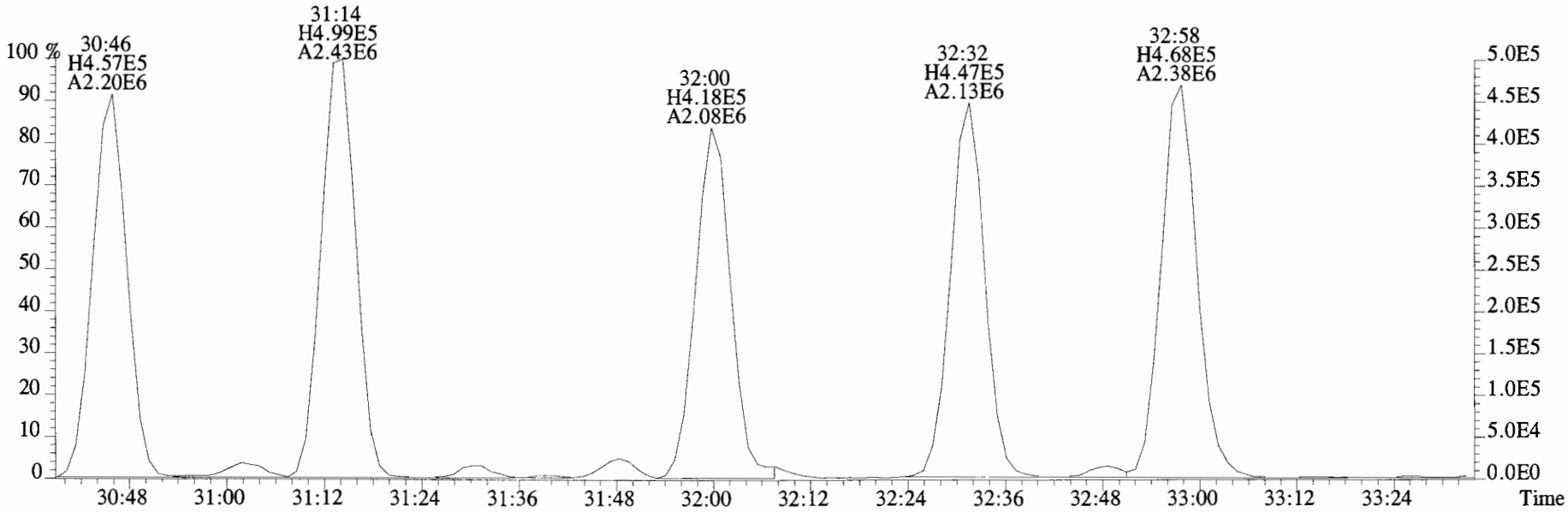
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



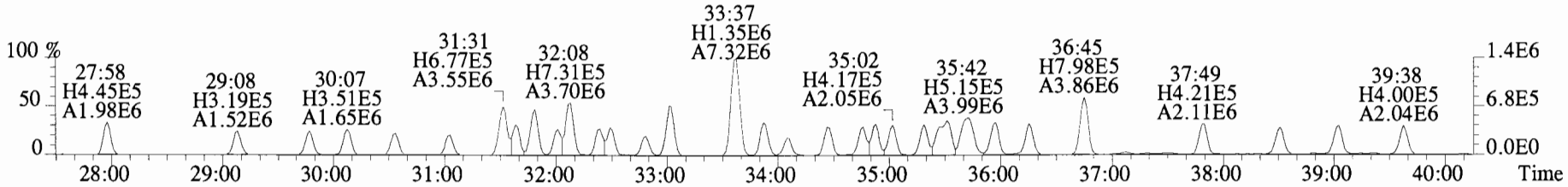
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3848.0,0.00%,F,F)



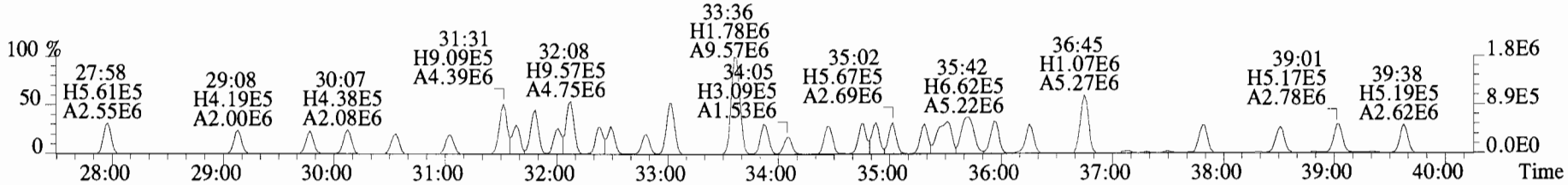
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



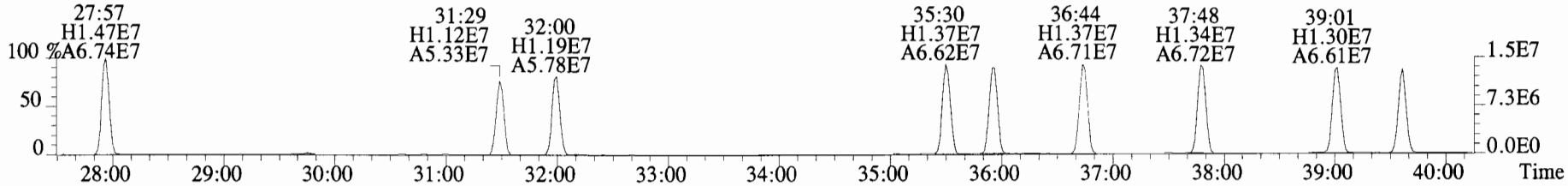
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



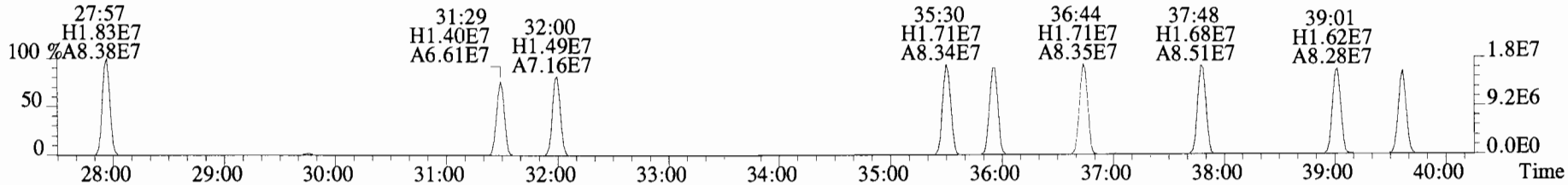
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



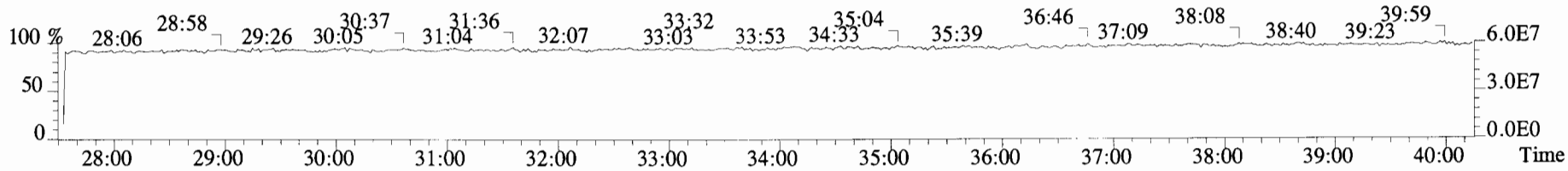
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



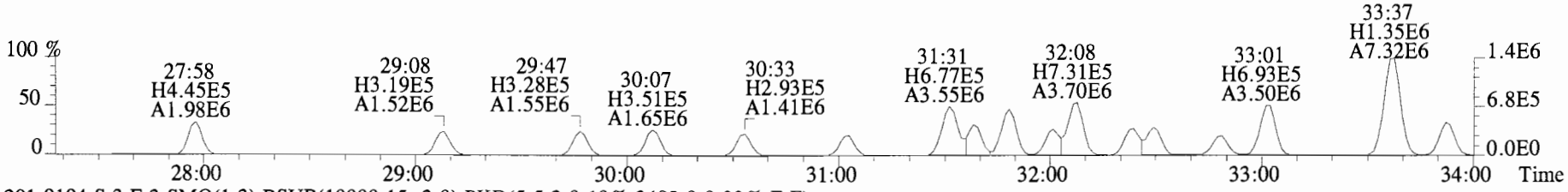
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



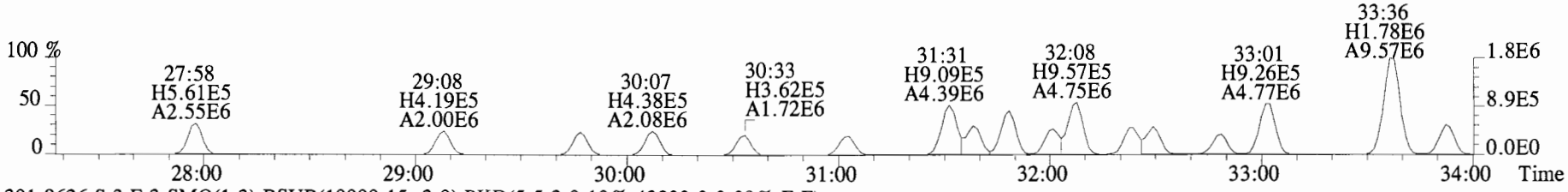
330.9792 S:3 F:3



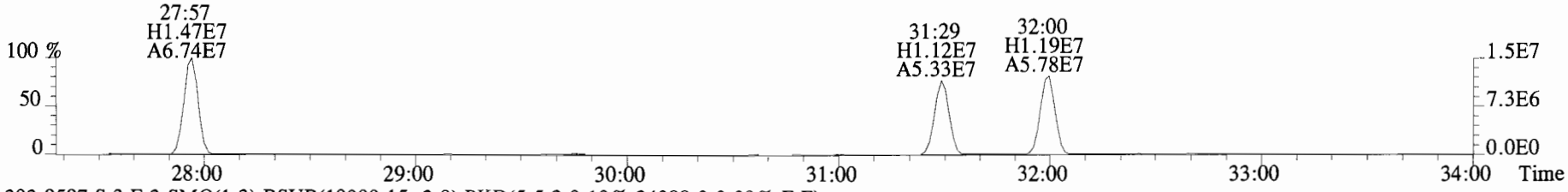
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



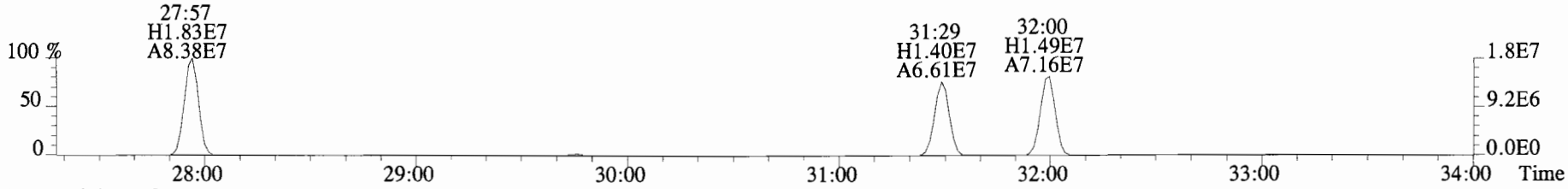
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



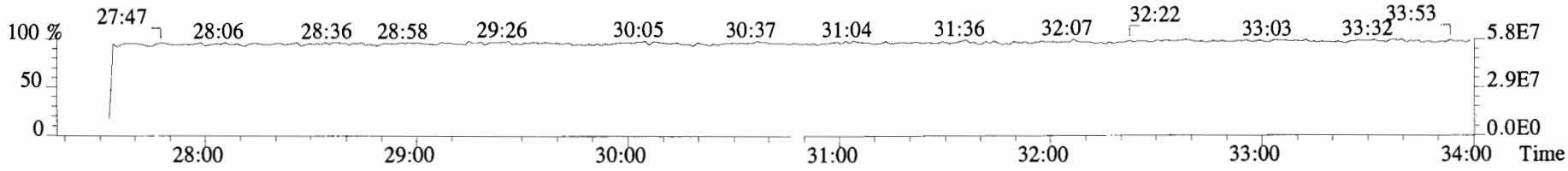
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



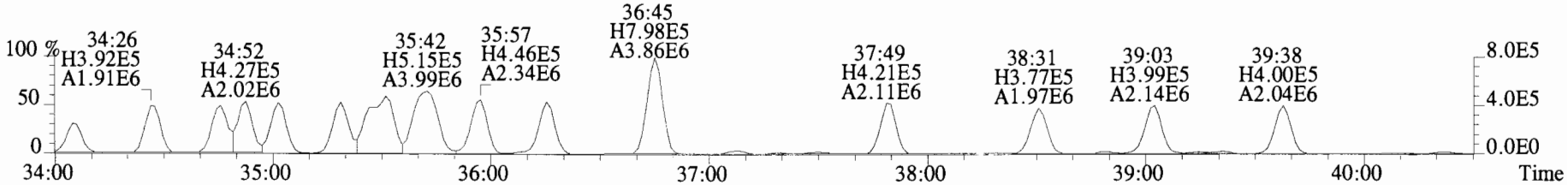
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



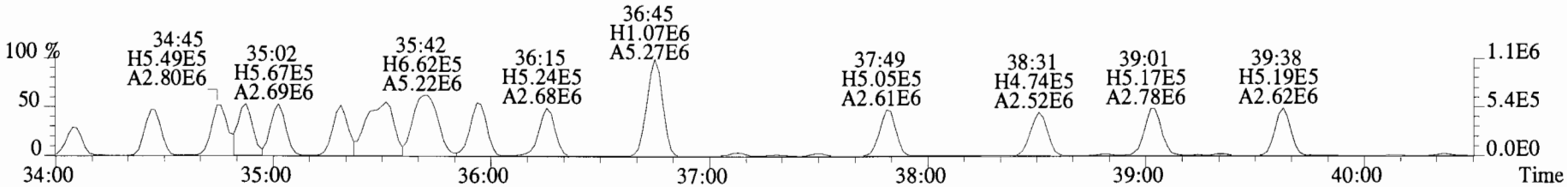
330.9792 S:3 F:3



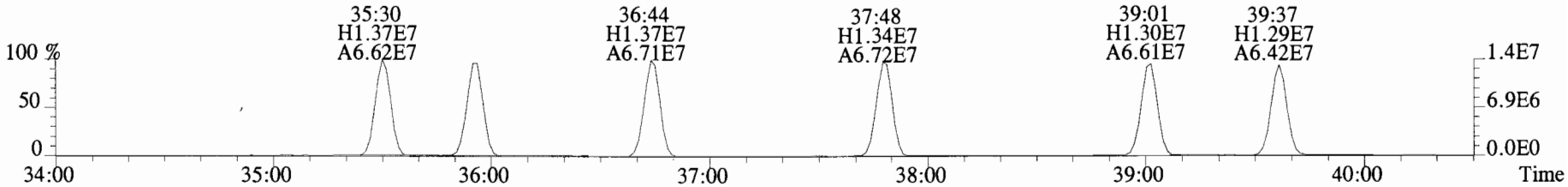
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



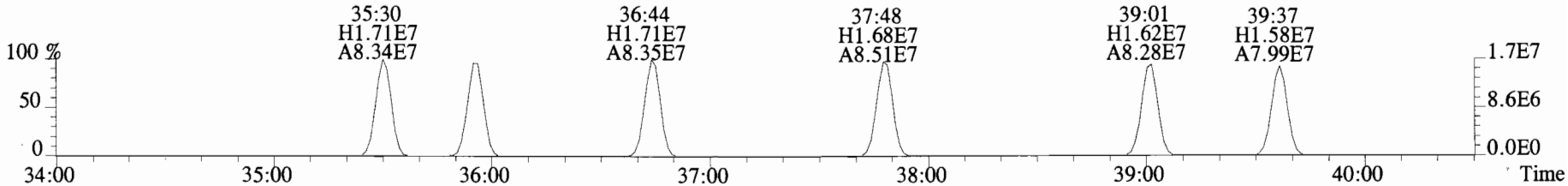
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



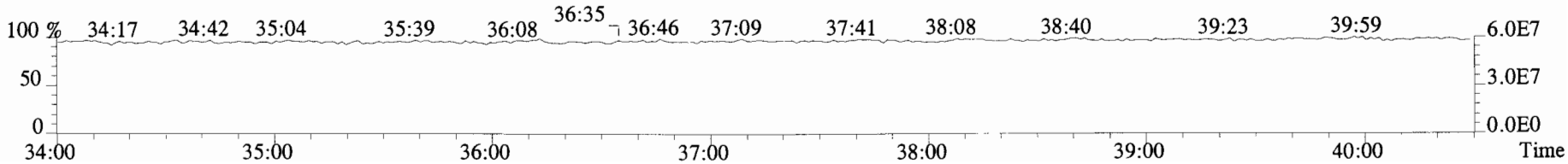
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



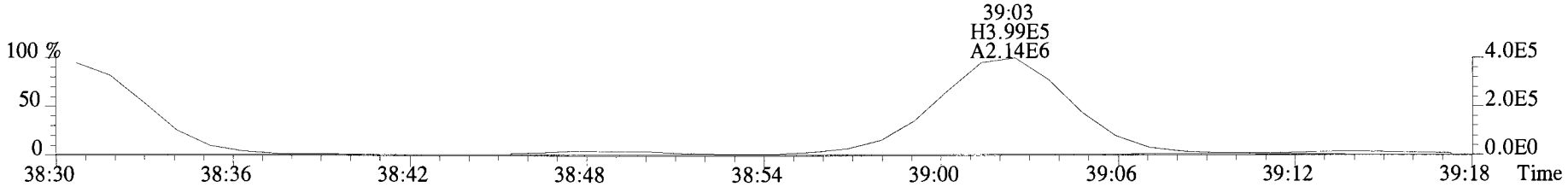
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



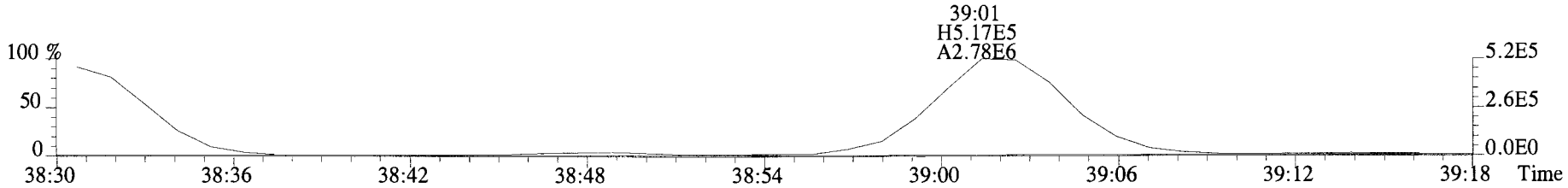
330.9792 S:3 F:3



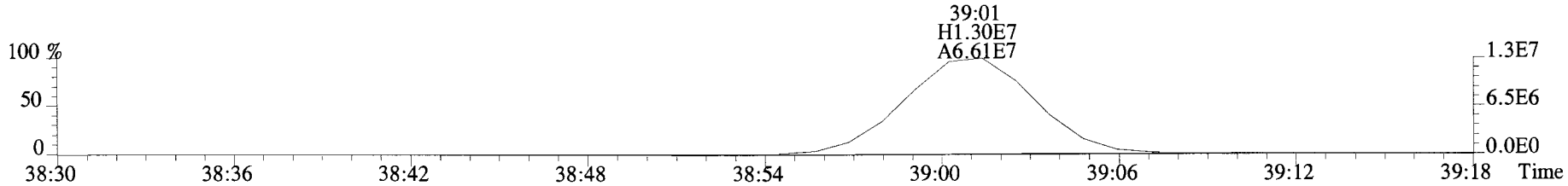
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



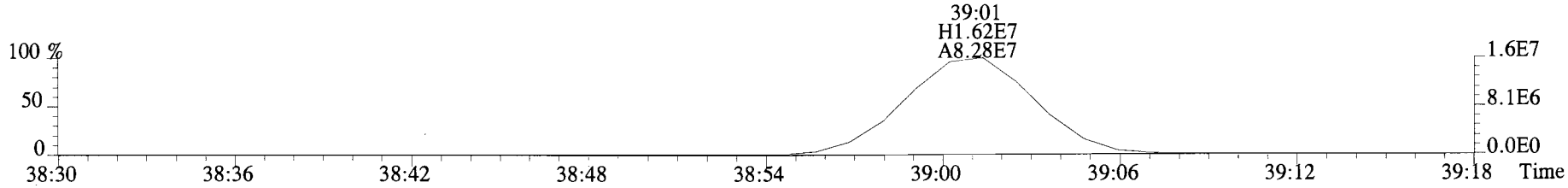
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



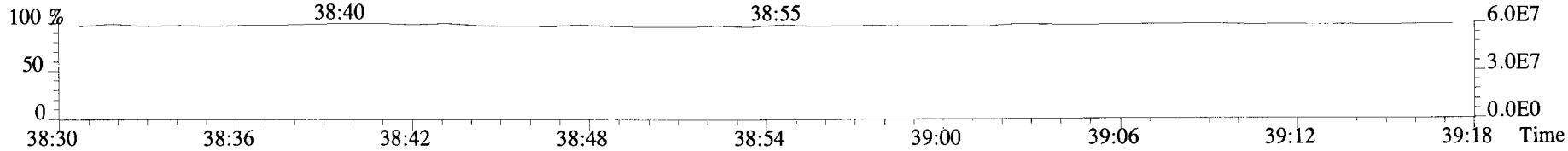
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



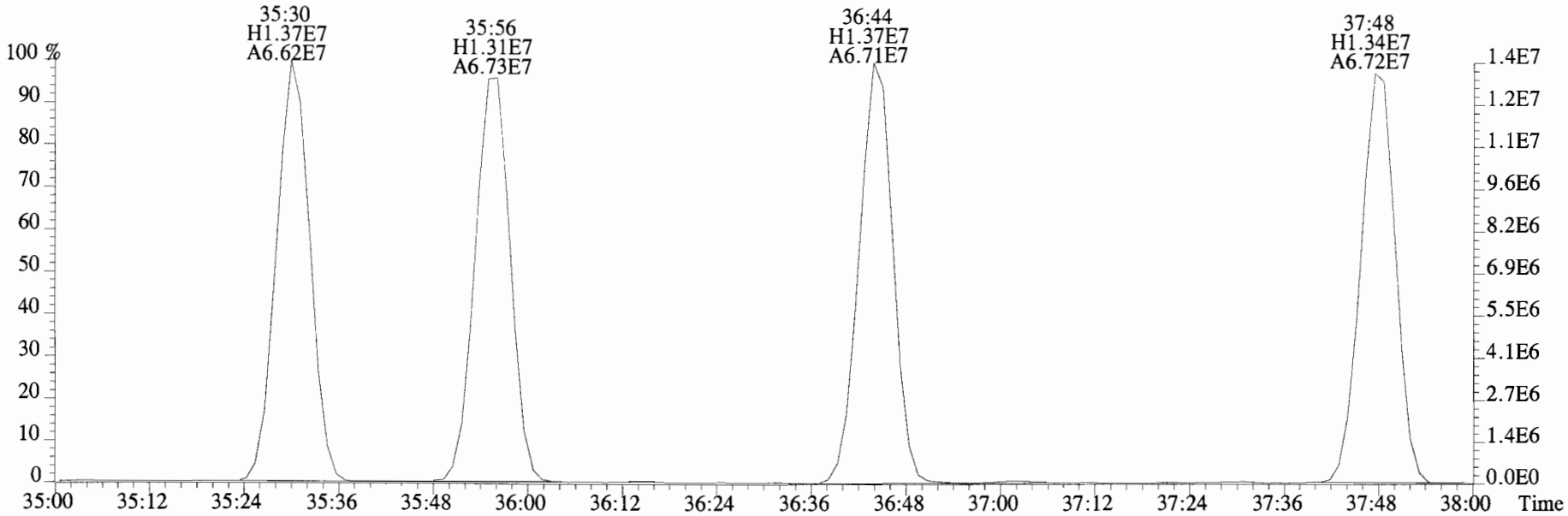
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



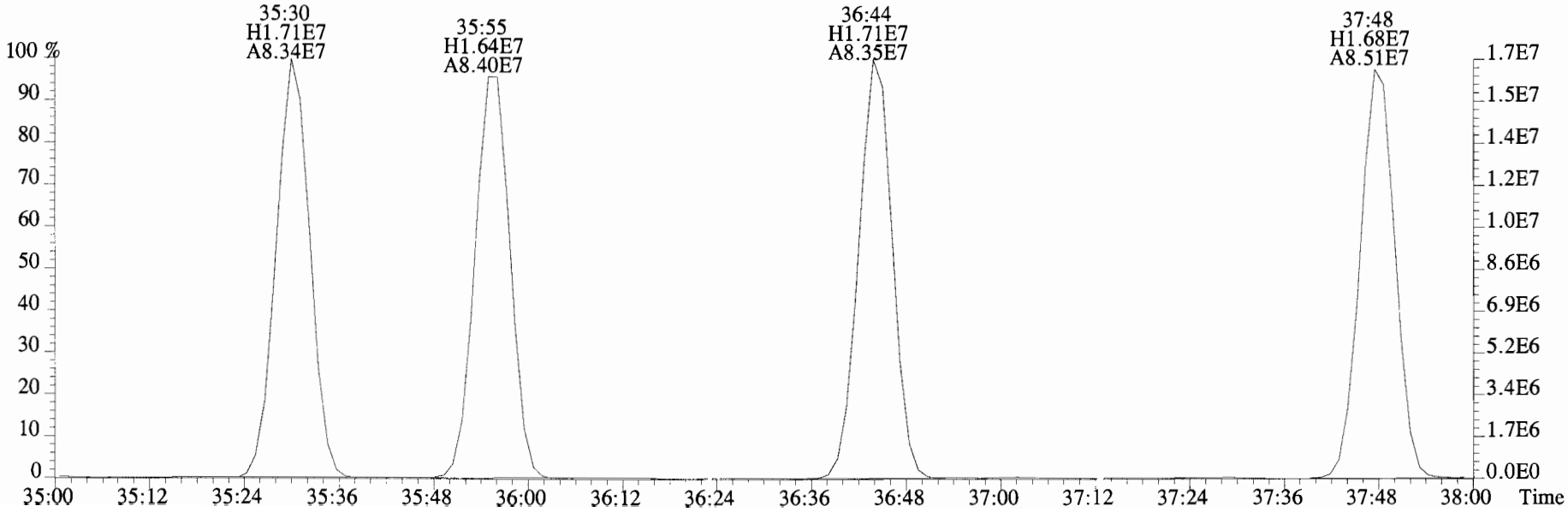
330.9792 S:3 F:3



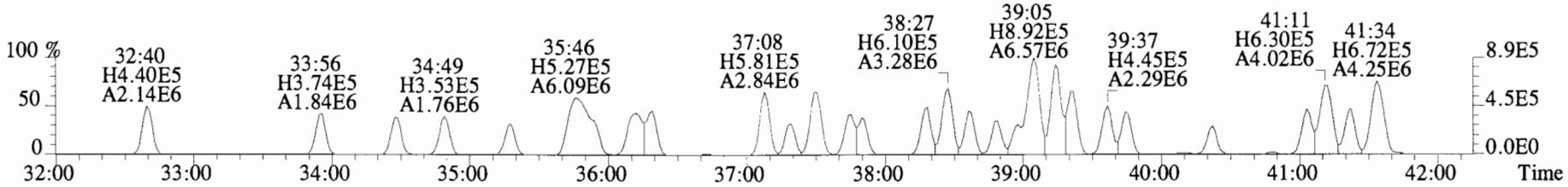
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



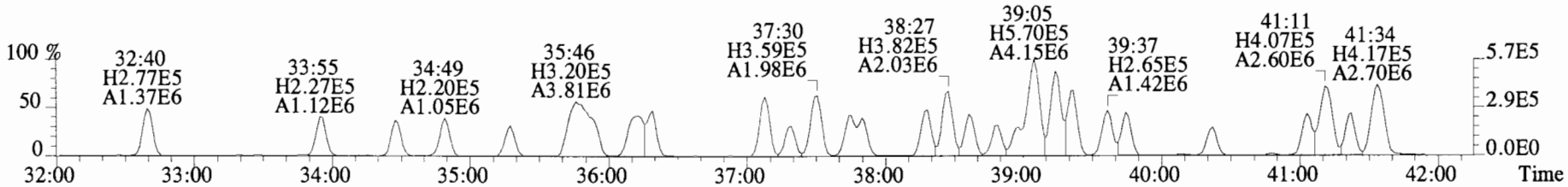
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



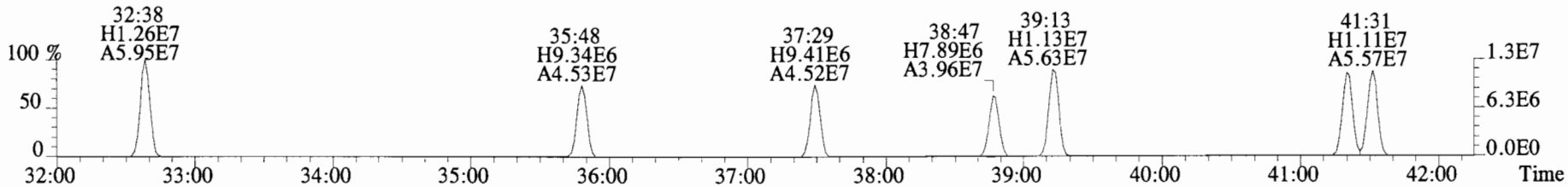
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



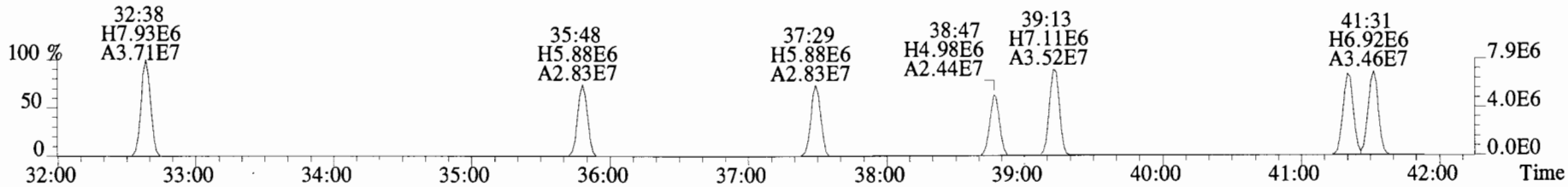
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



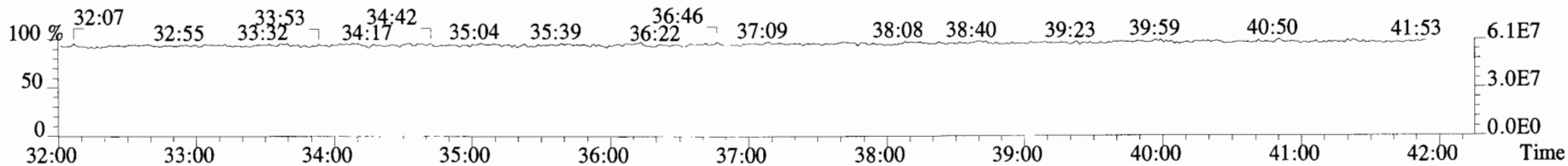
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



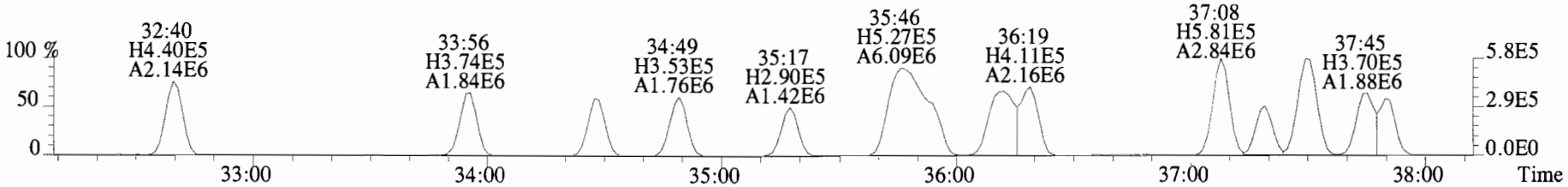
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



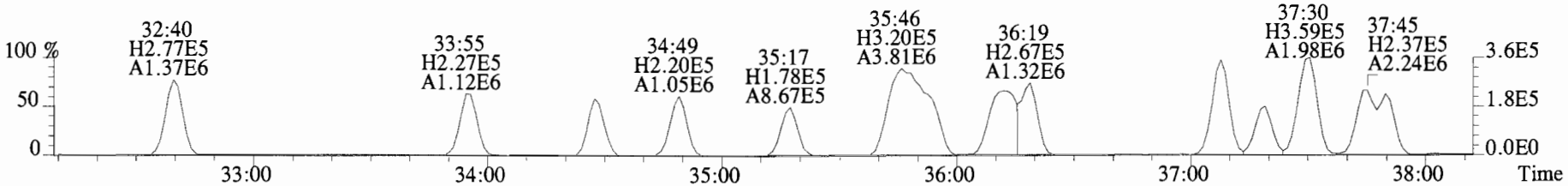
330.9792 S:3 F:3



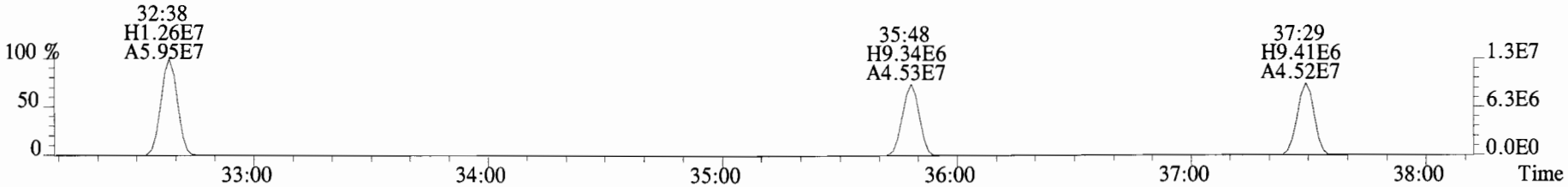
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



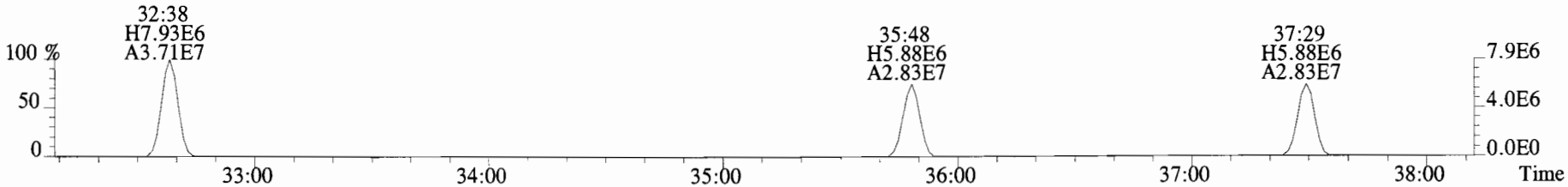
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



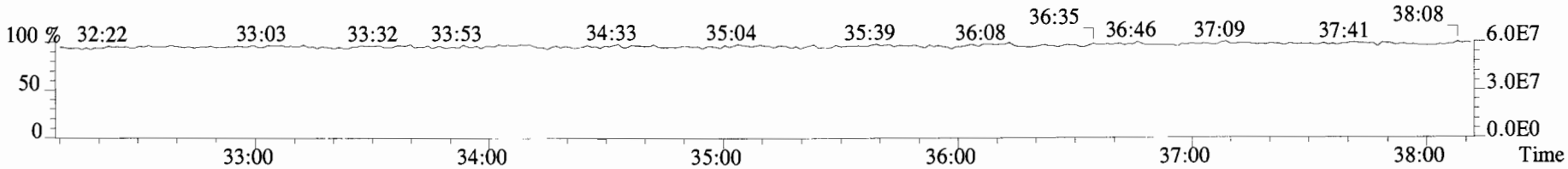
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



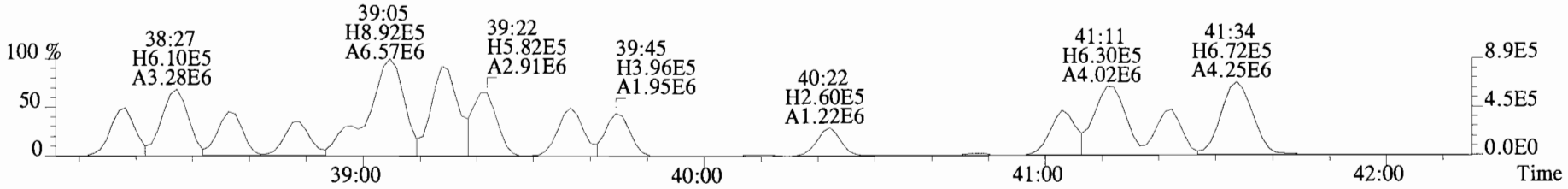
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



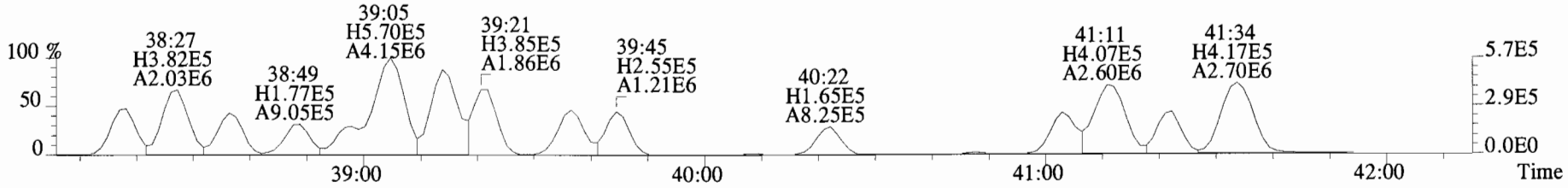
330.9792 S:3 F:3



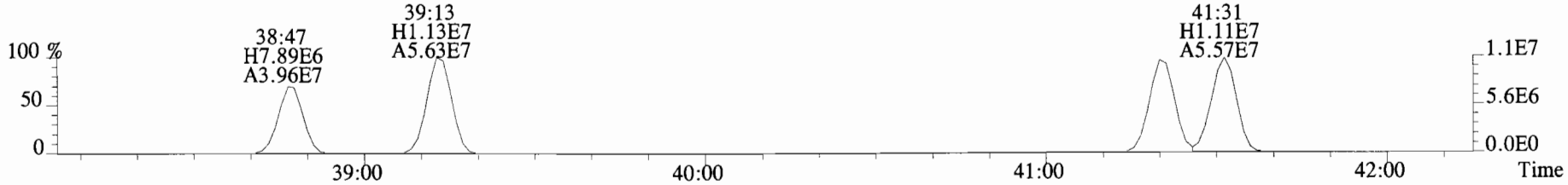
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



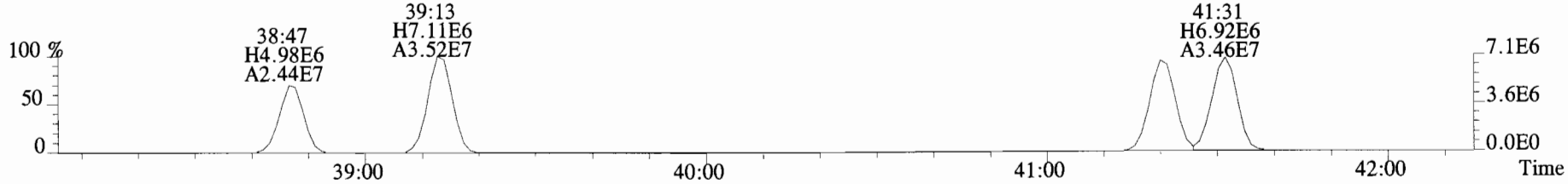
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



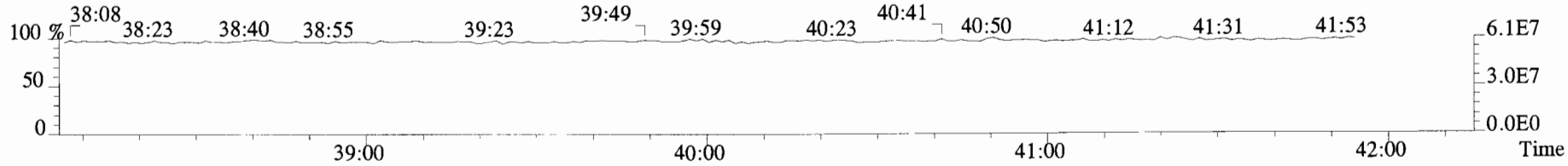
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



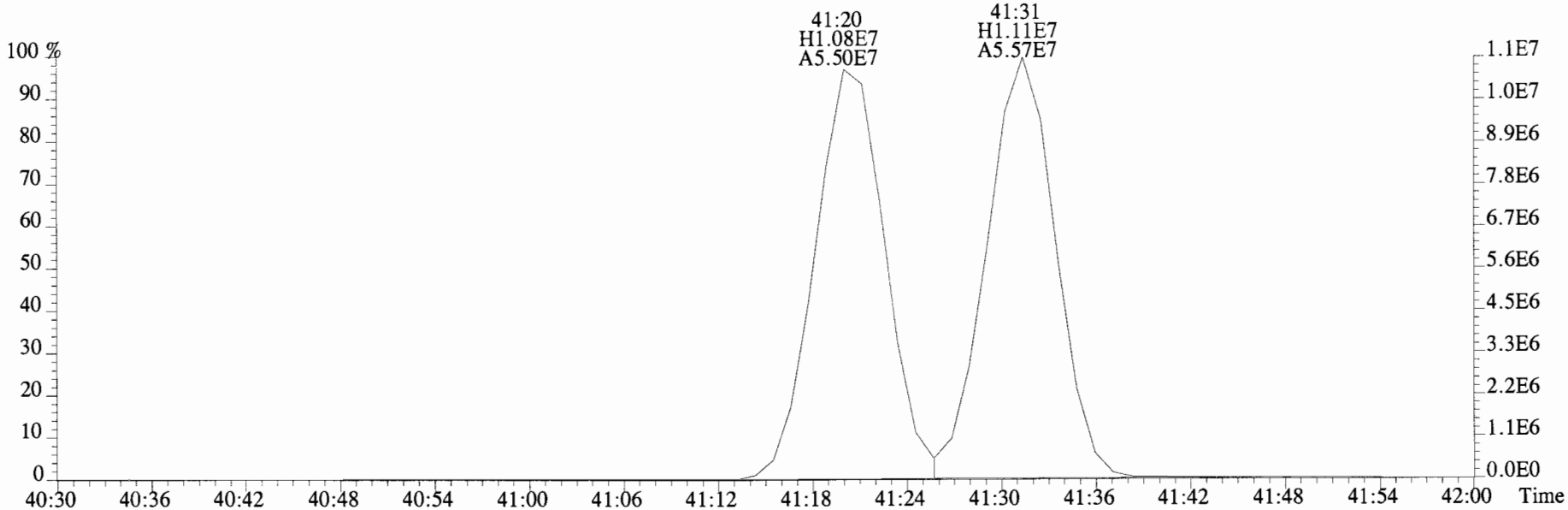
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



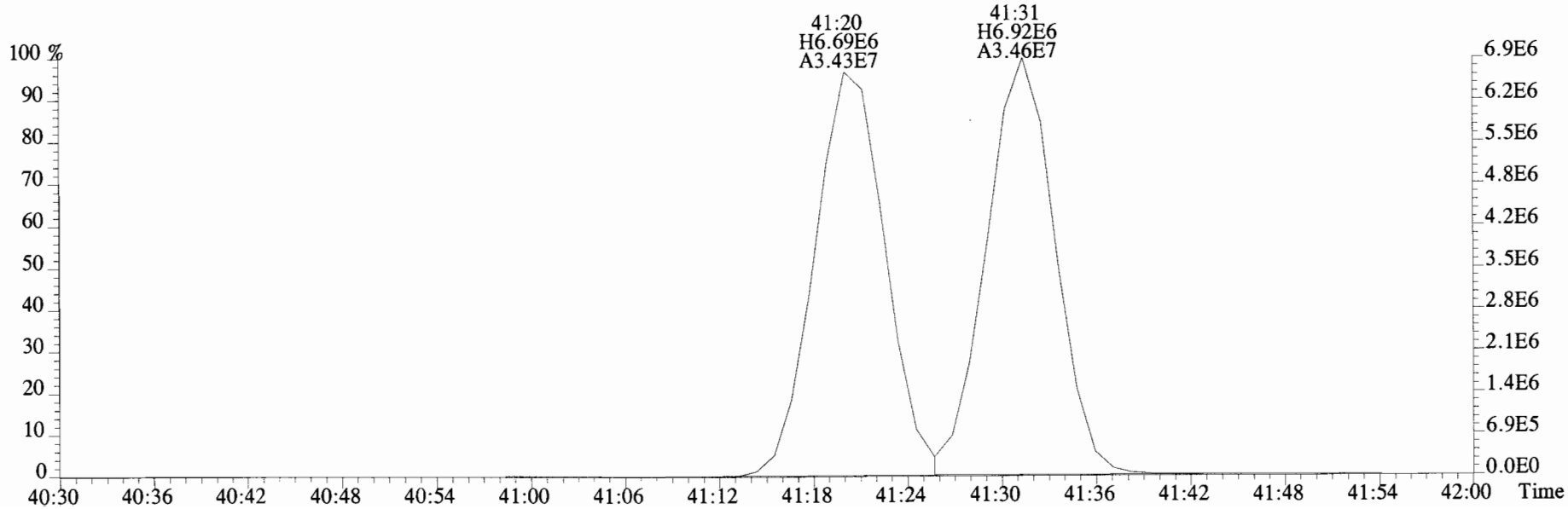
330.9792 S:3 F:3



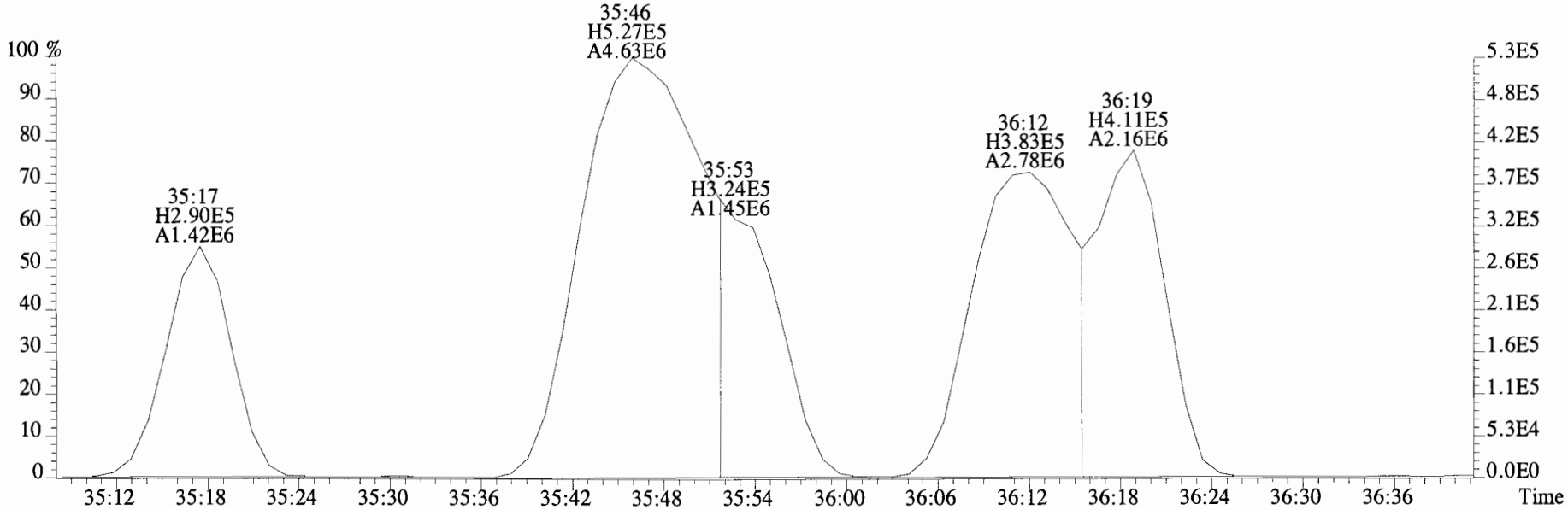
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



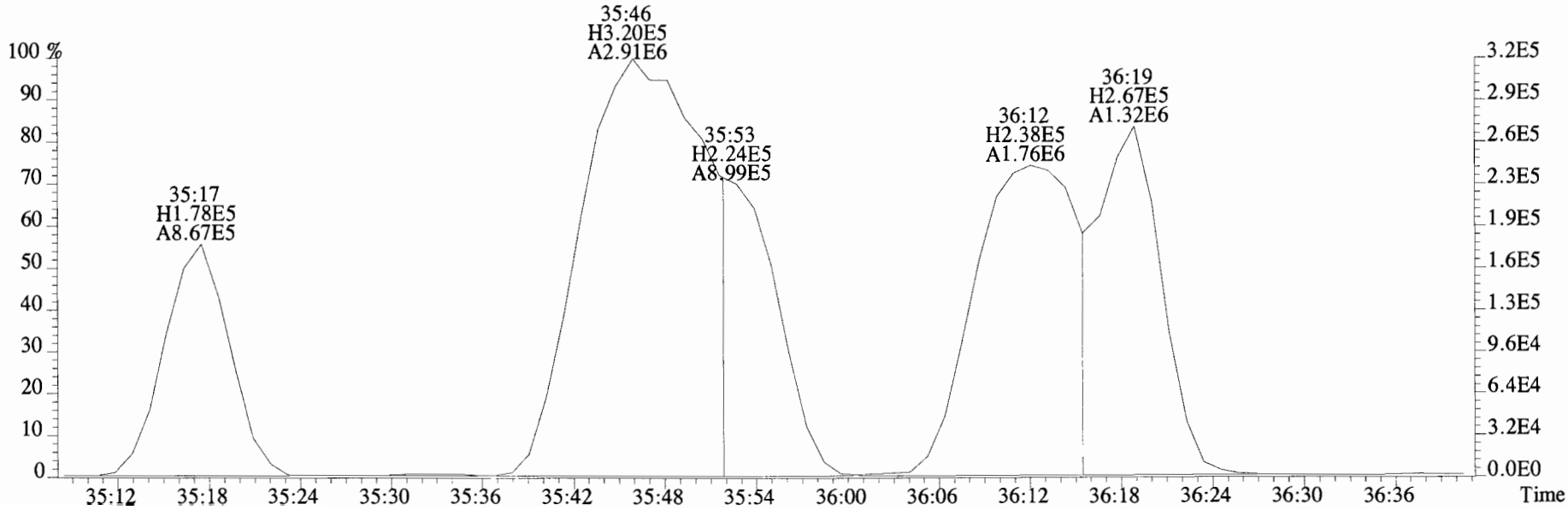
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



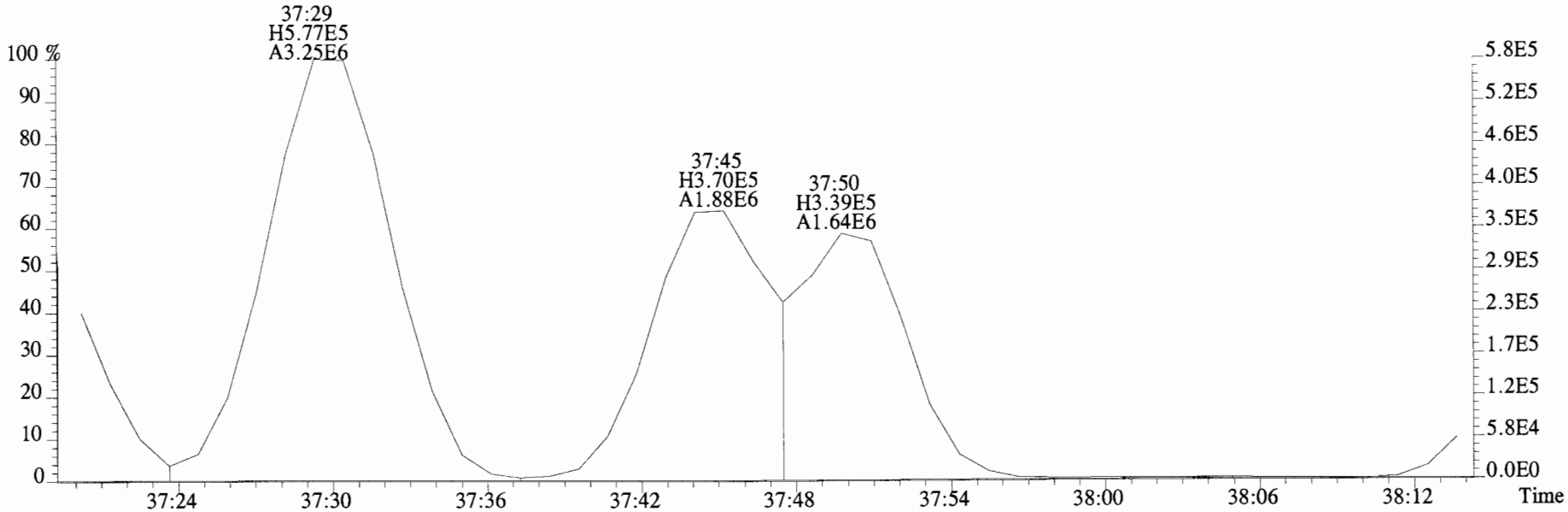
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



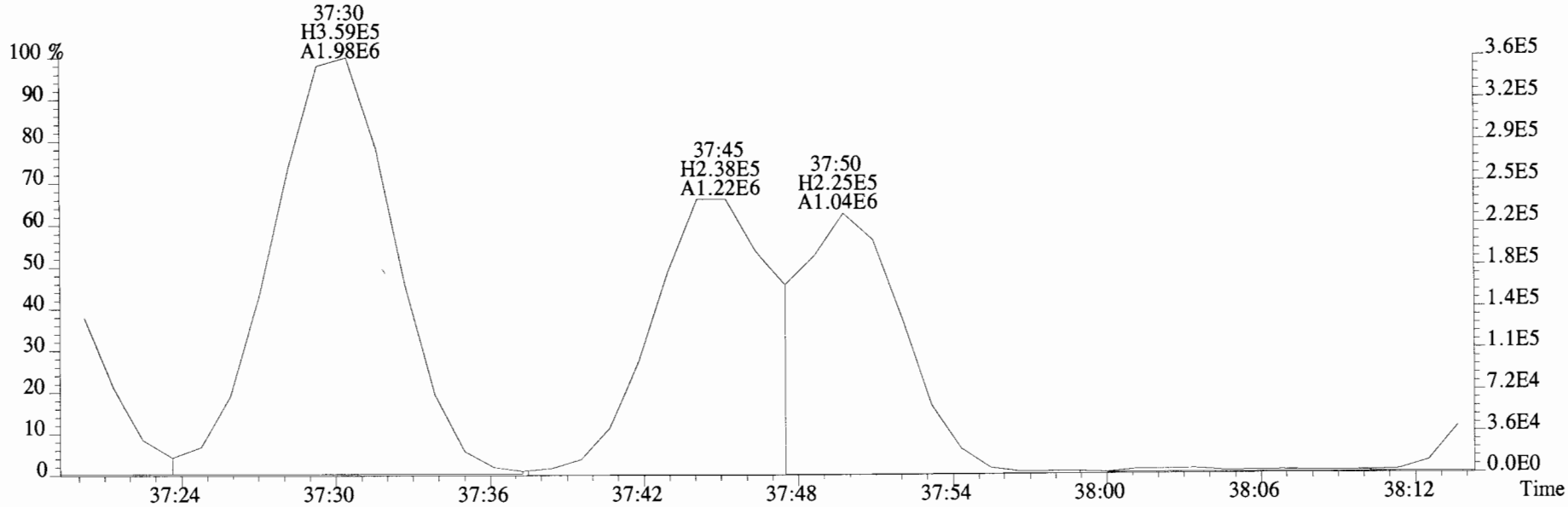
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



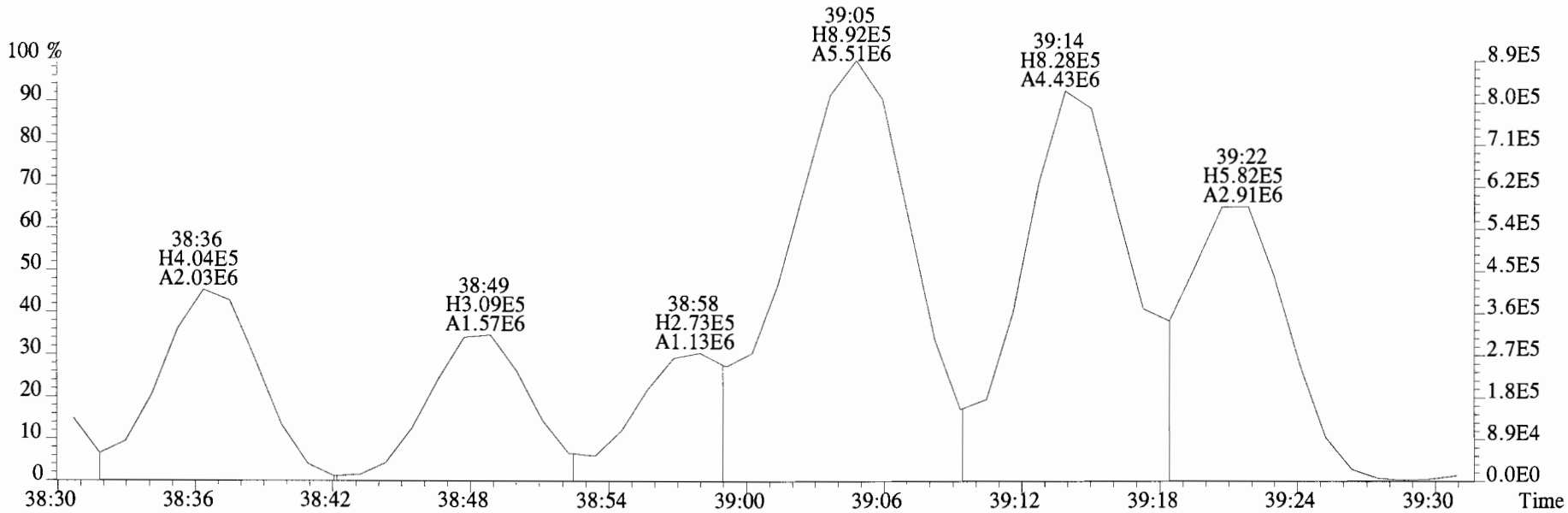
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



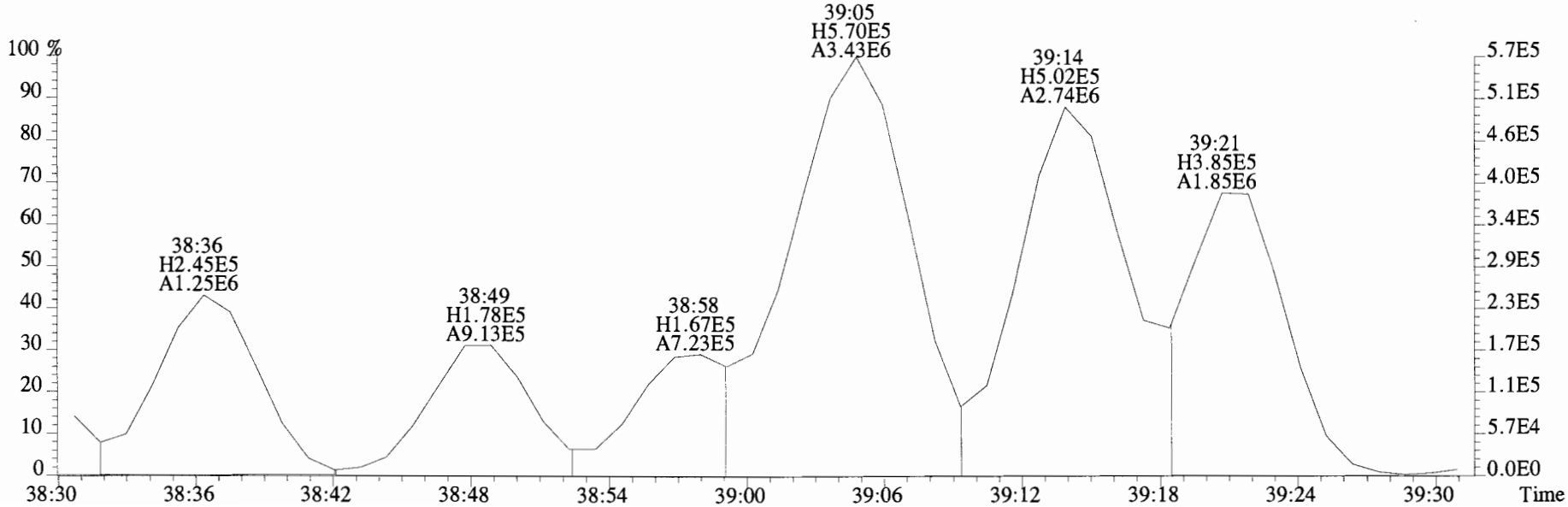
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



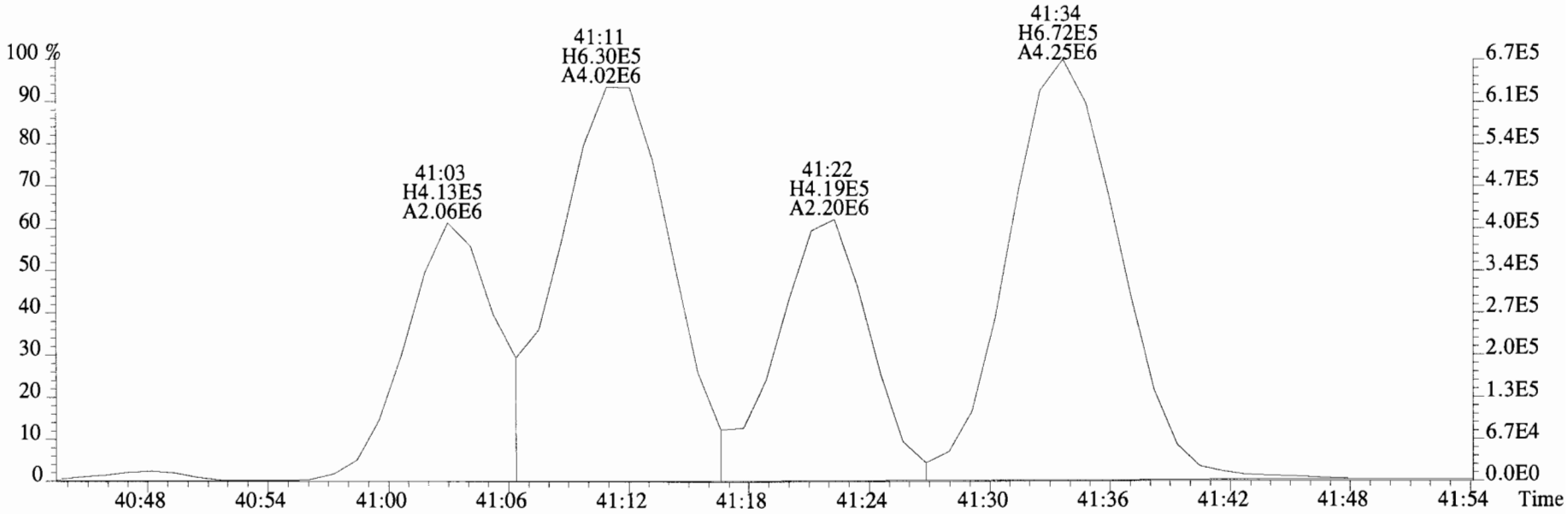
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



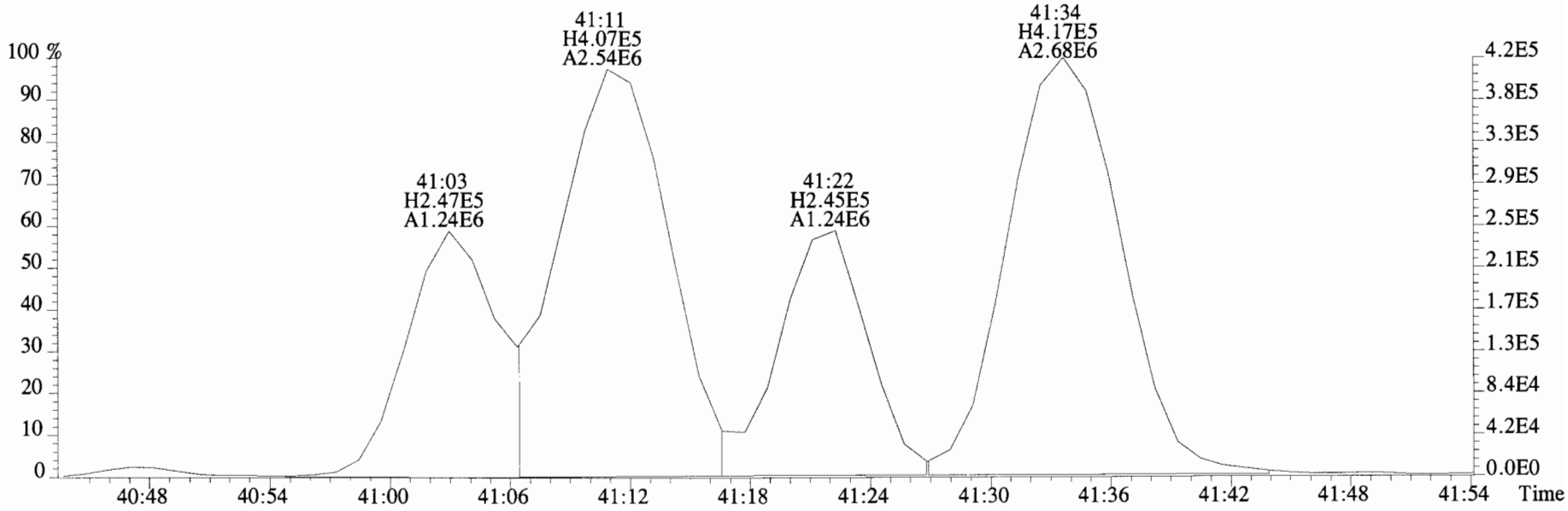
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



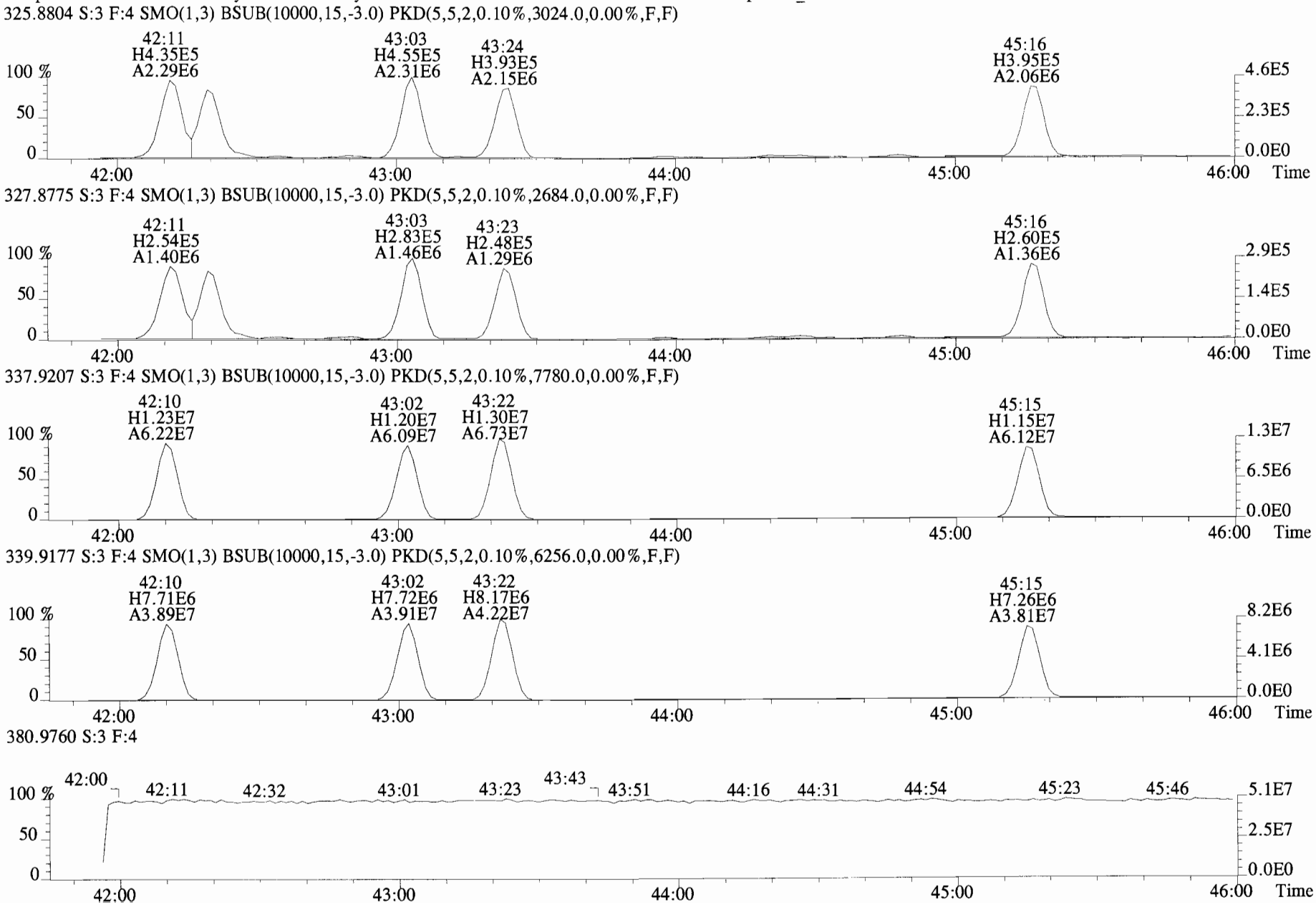
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



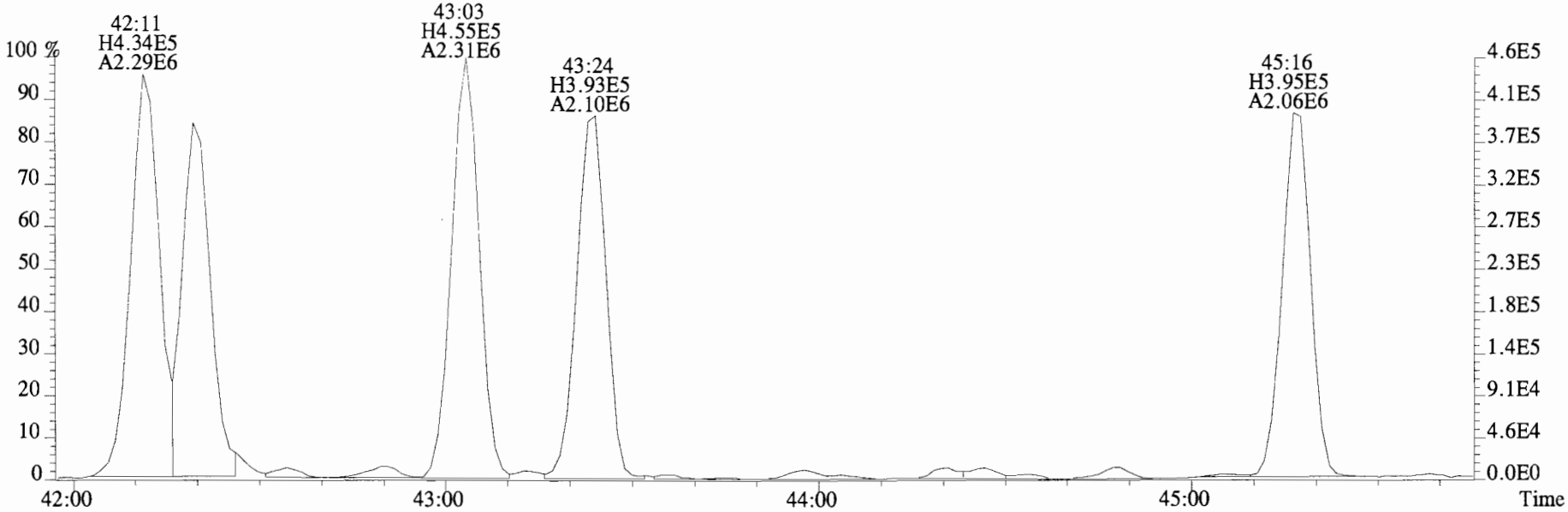
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



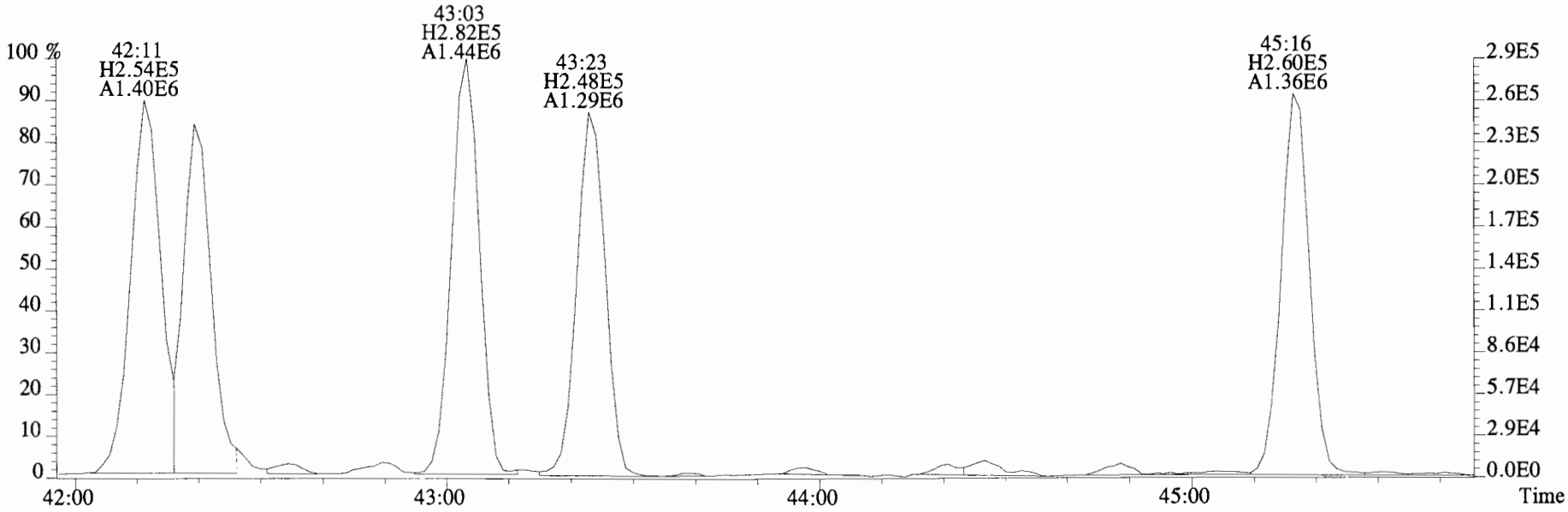
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1



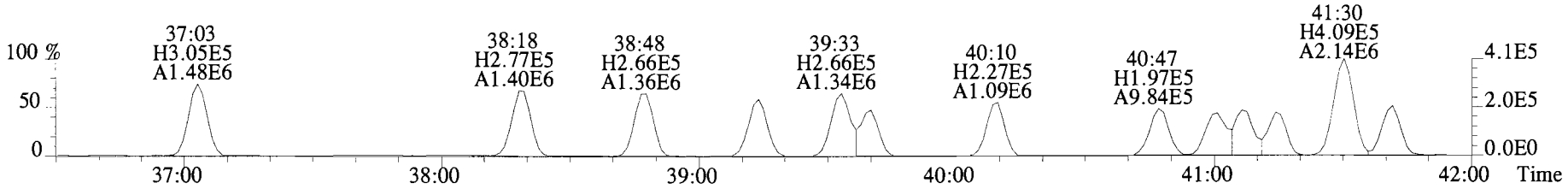
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3024.0,0.00%,F,F)



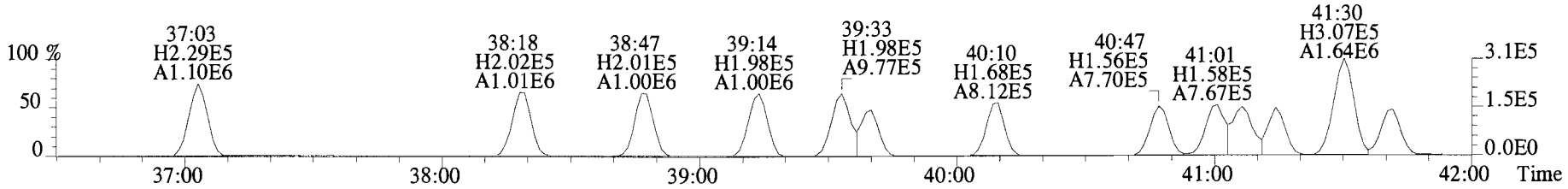
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



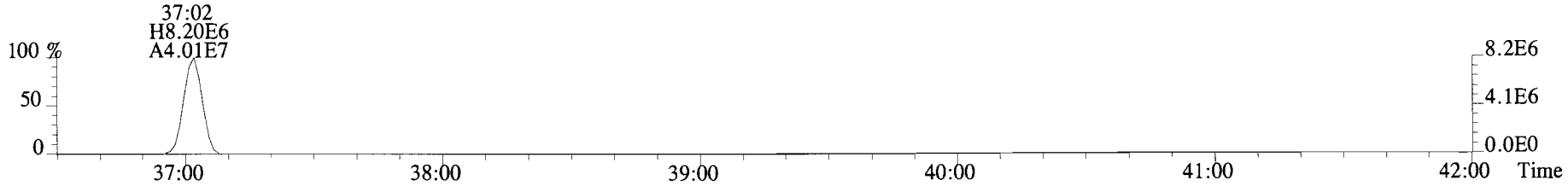
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



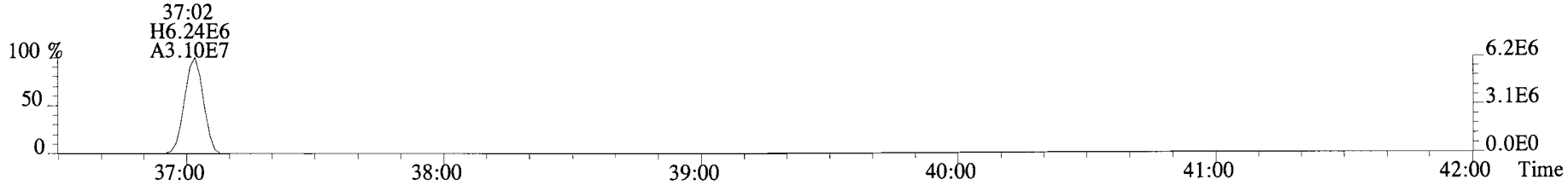
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



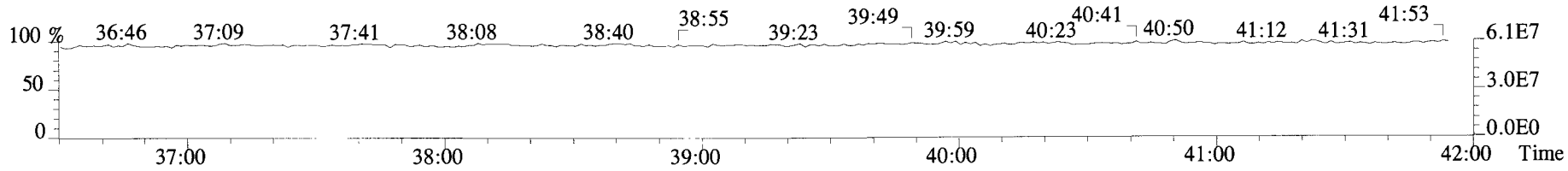
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



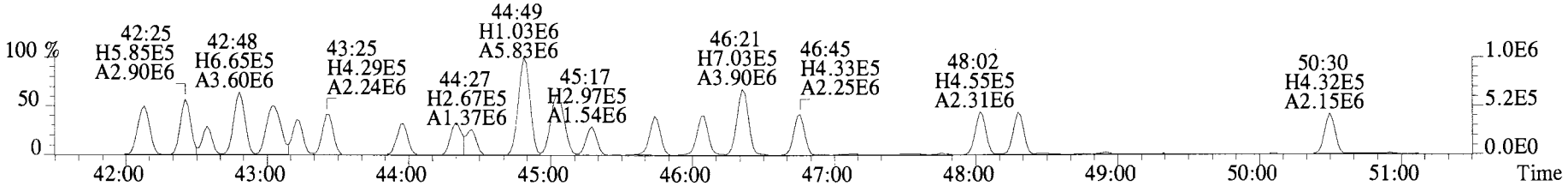
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



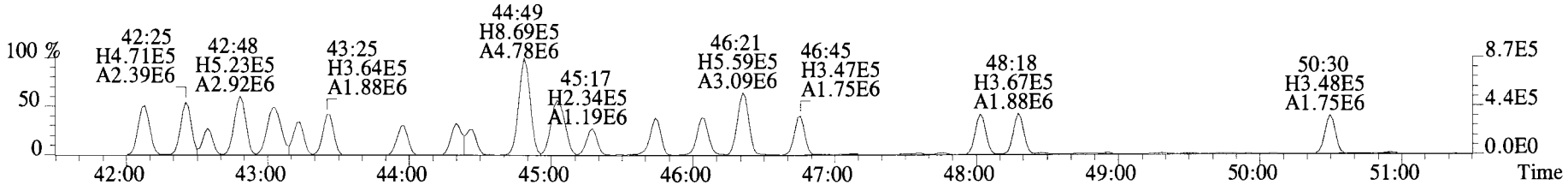
330.9792 S:3 F:3



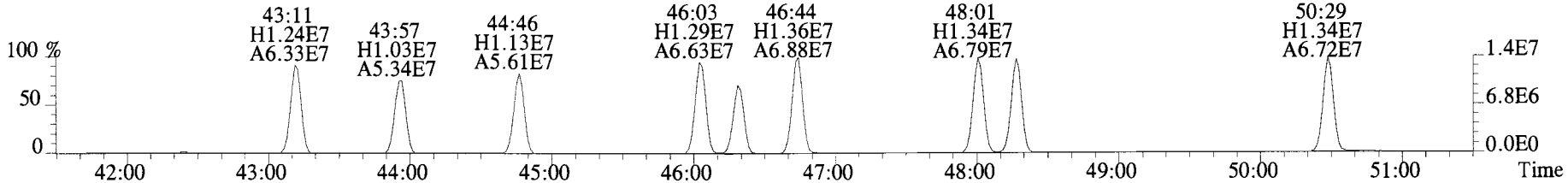
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



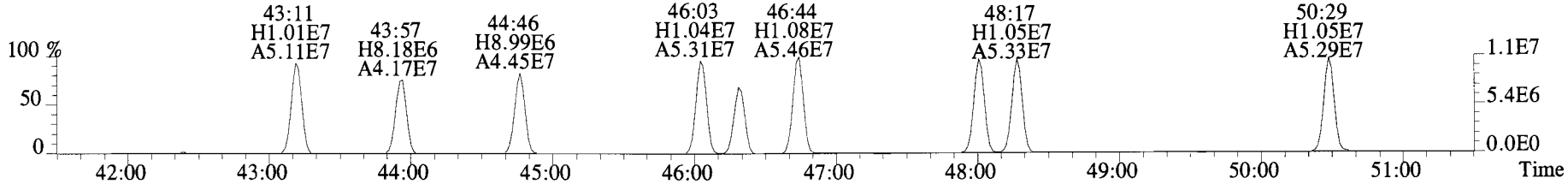
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



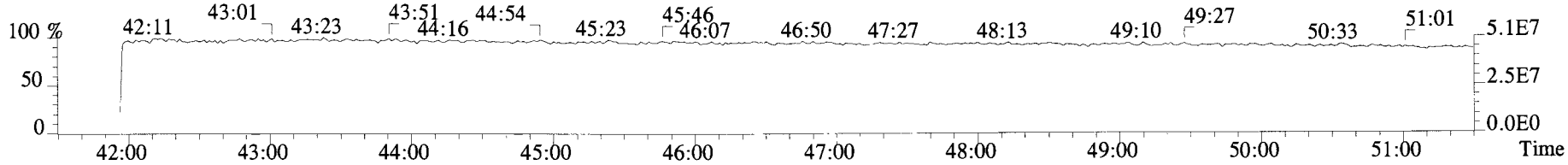
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16032.0,0.00%,F,F)



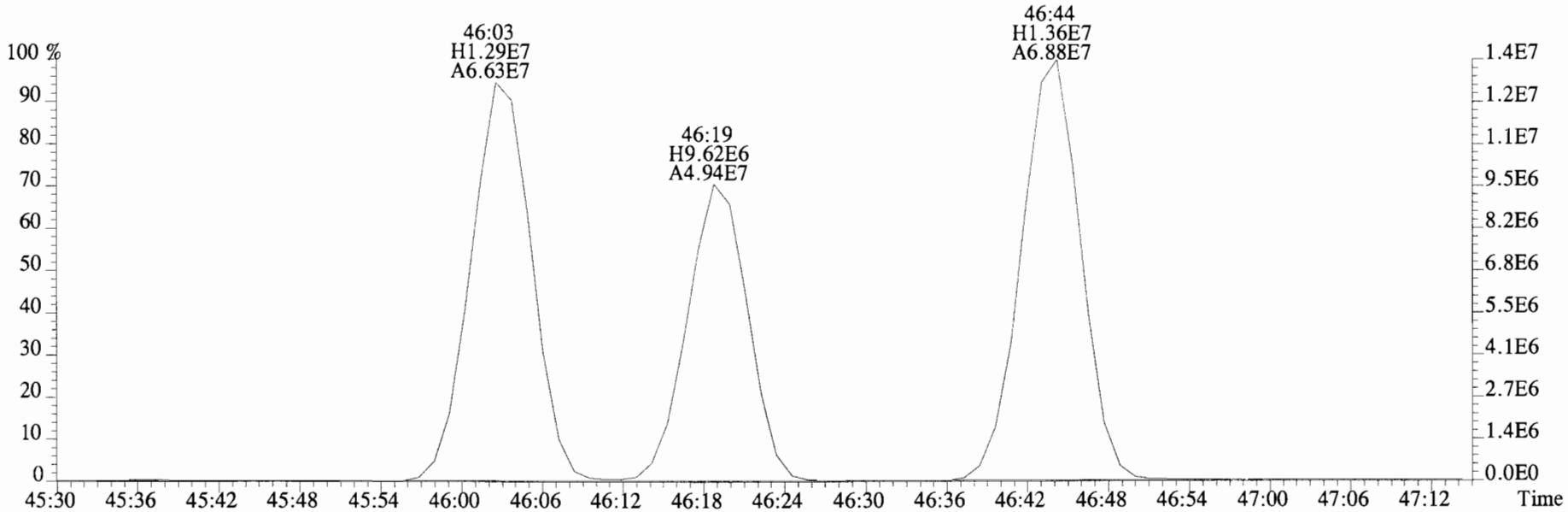
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13056.0,0.00%,F,F)



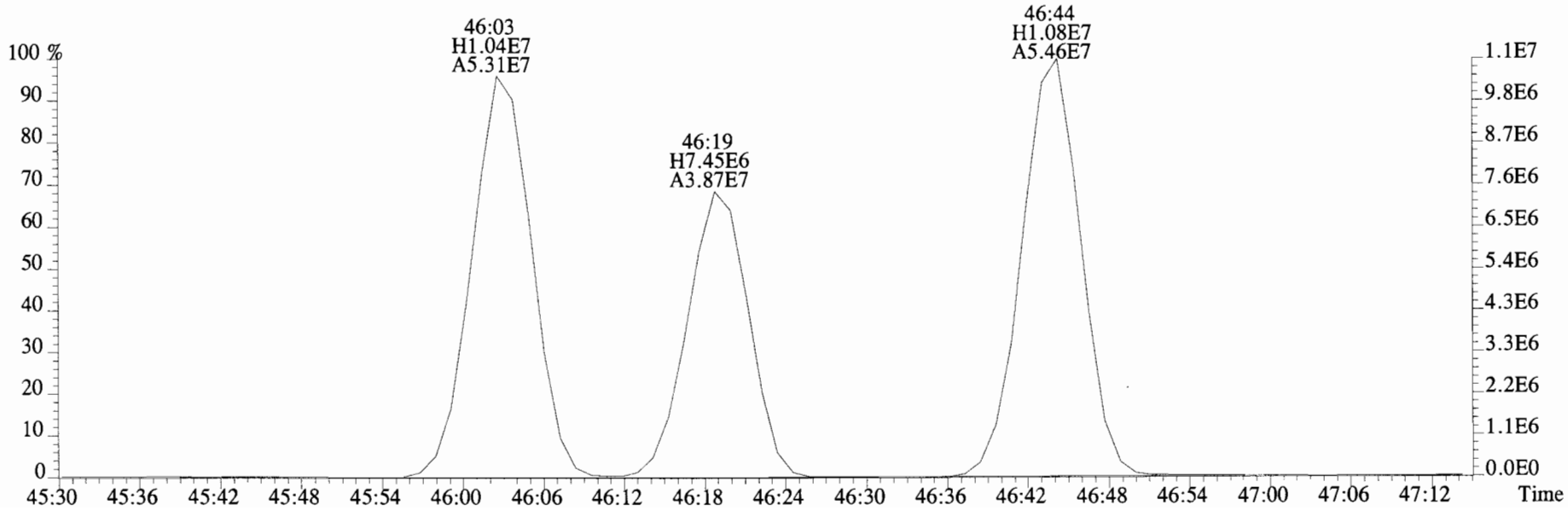
380.9760 S:3 F:4



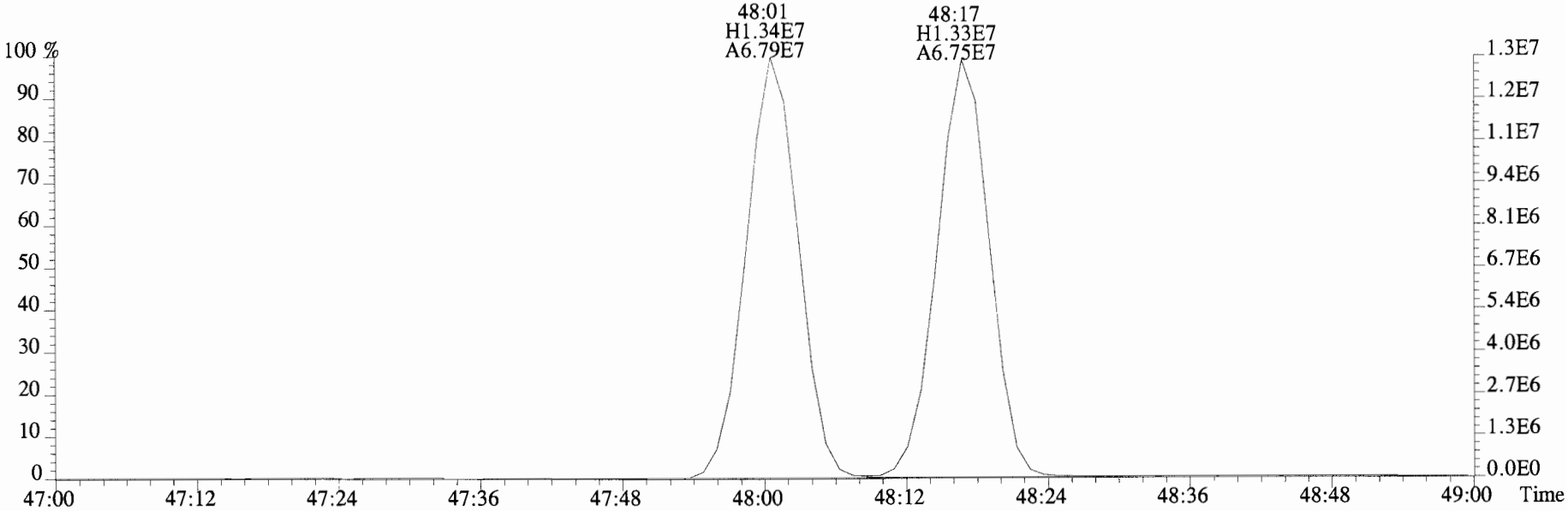
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16032.0,0.00%,F,F)



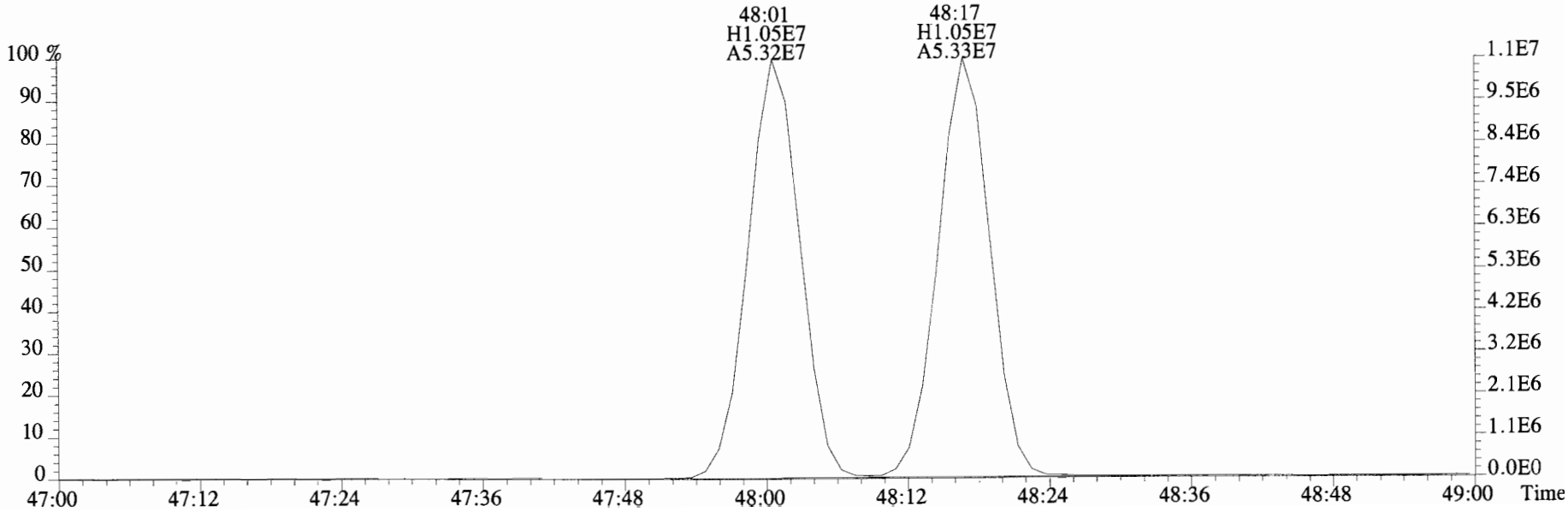
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13056.0,0.00%,F,F)



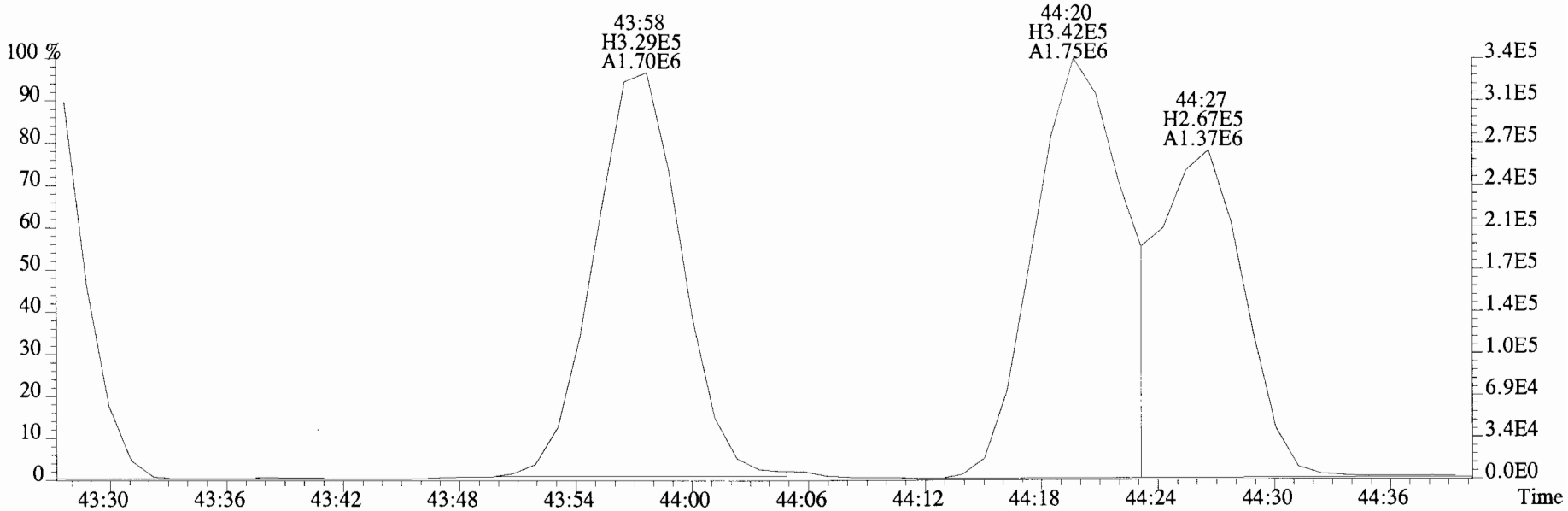
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16032.0,0.00%,F,F)



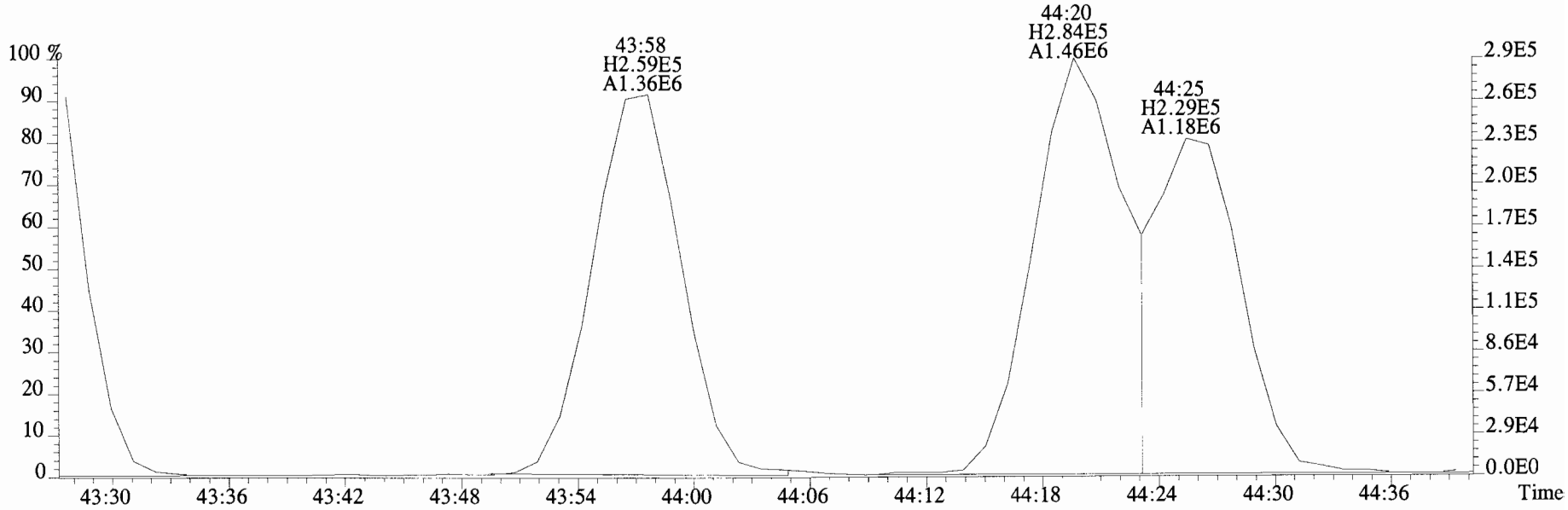
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13056.0,0.00%,F,F)



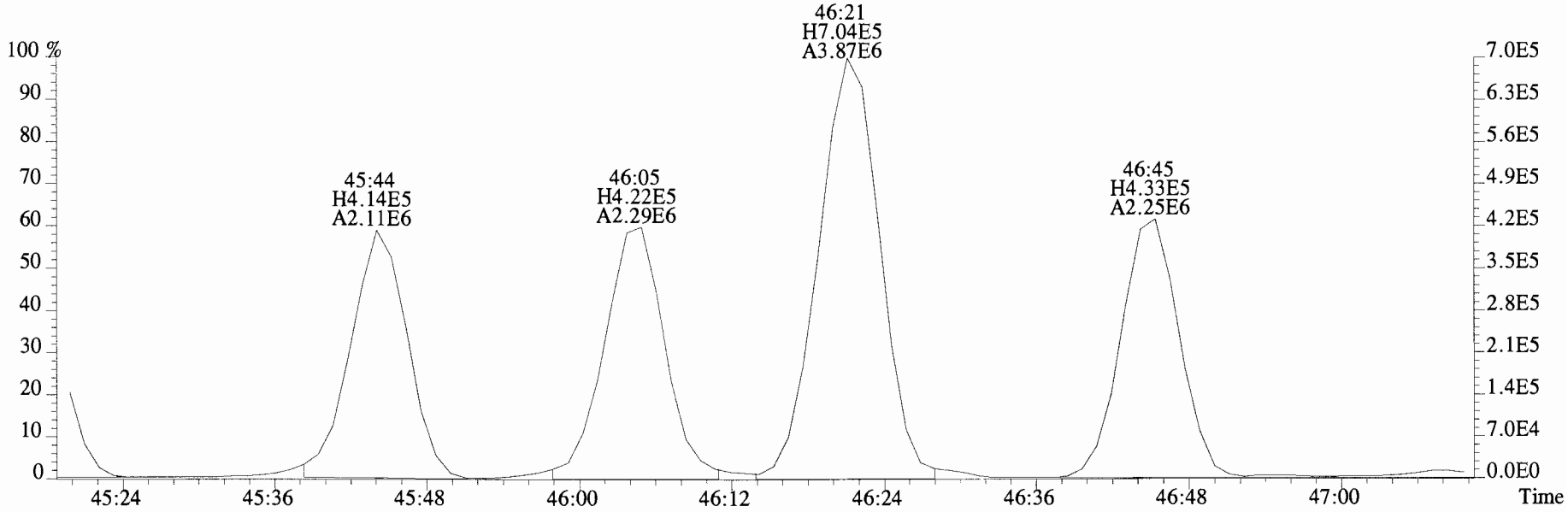
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



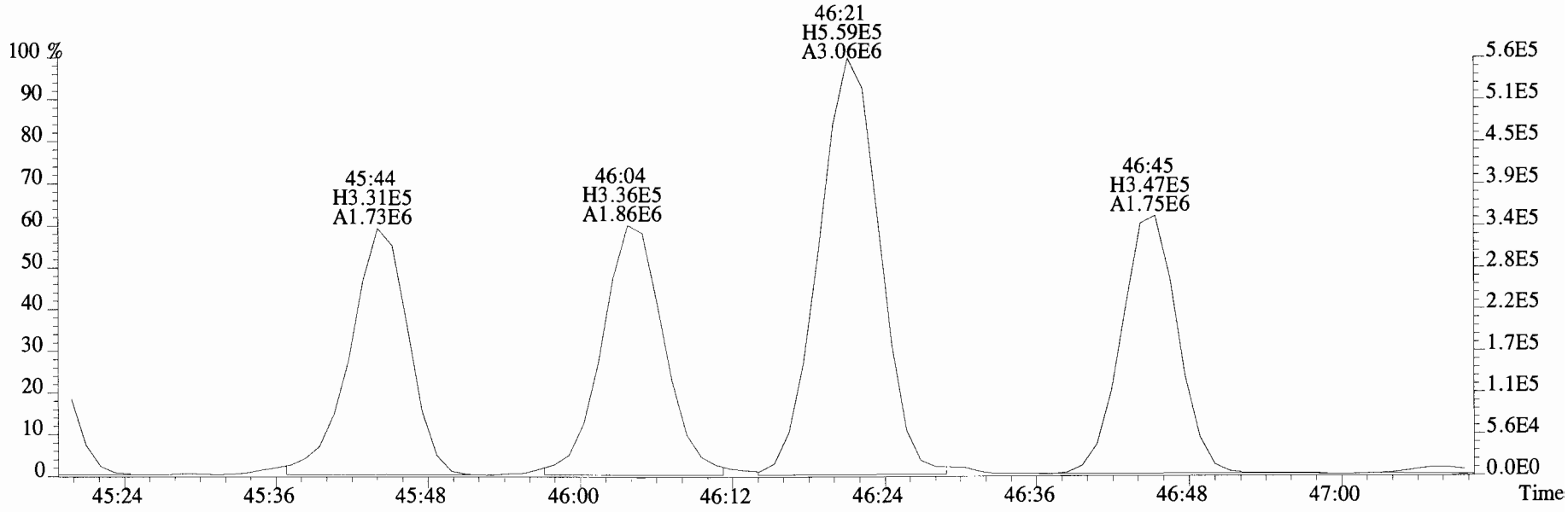
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



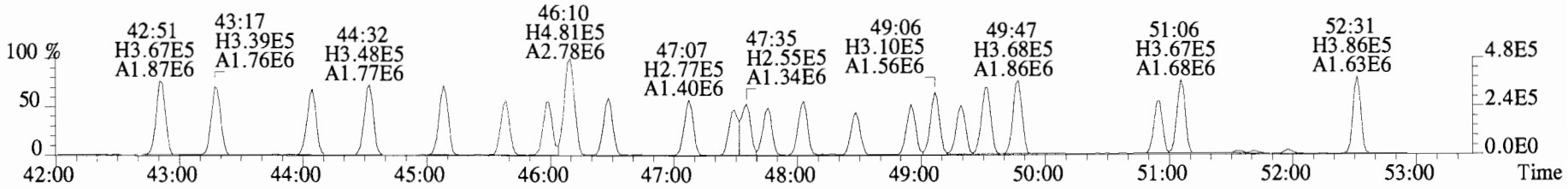
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



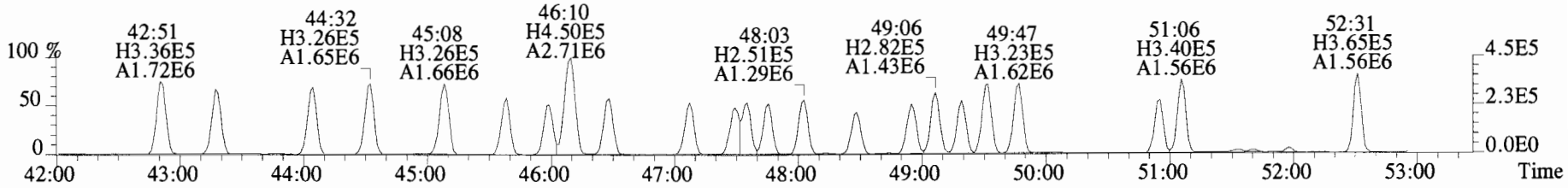
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



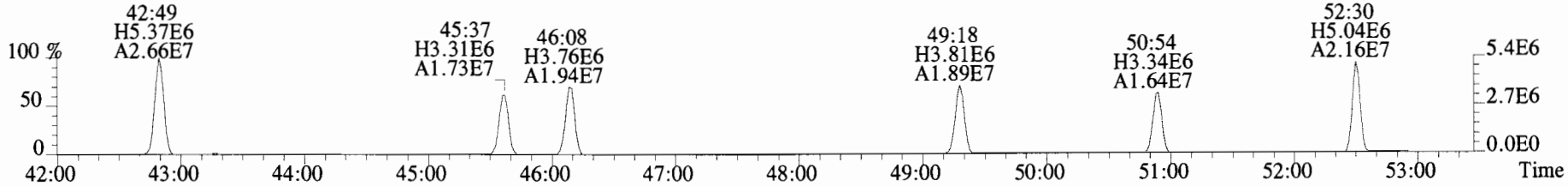
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2552.0,0.00%,F,F)



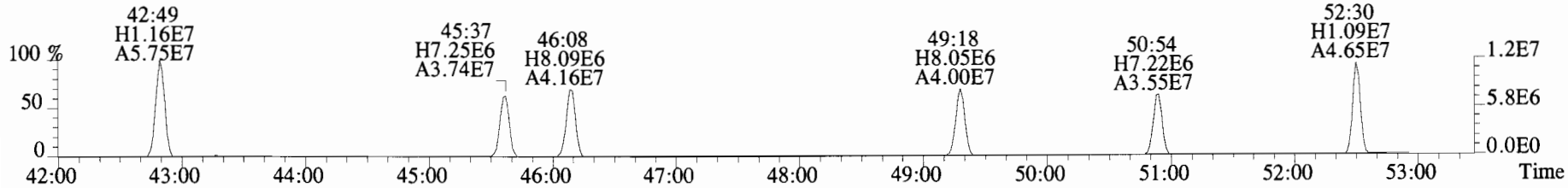
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



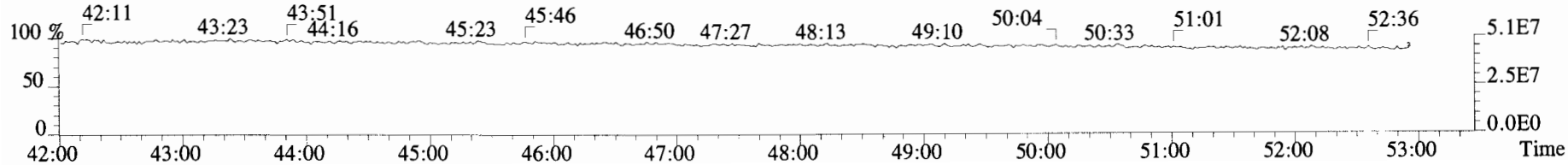
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7096.0,0.00%,F,F)



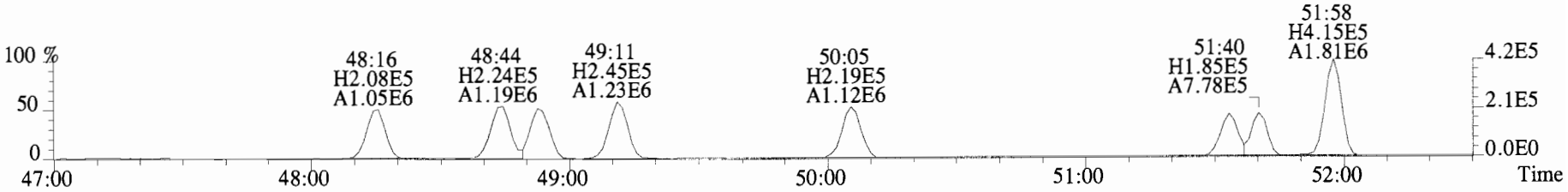
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13324.0,0.00%,F,F)



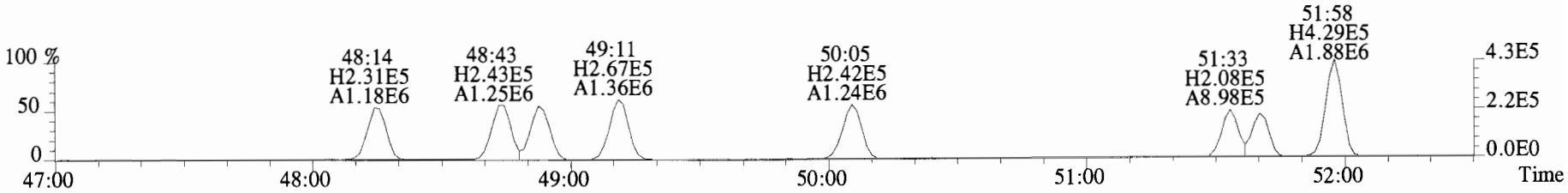
380.9760 S:3 F:4



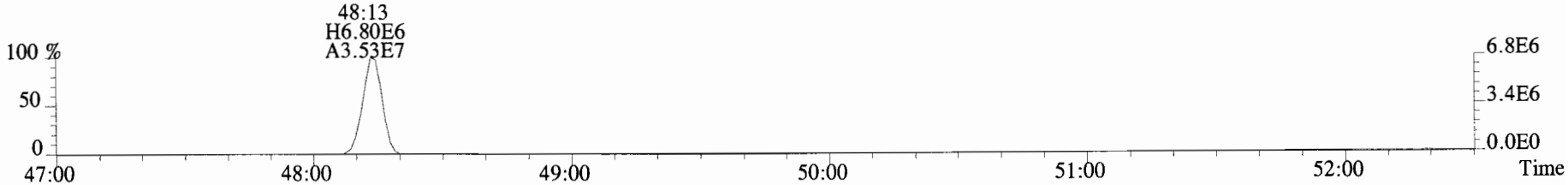
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2152.0,0.00%,F,F)



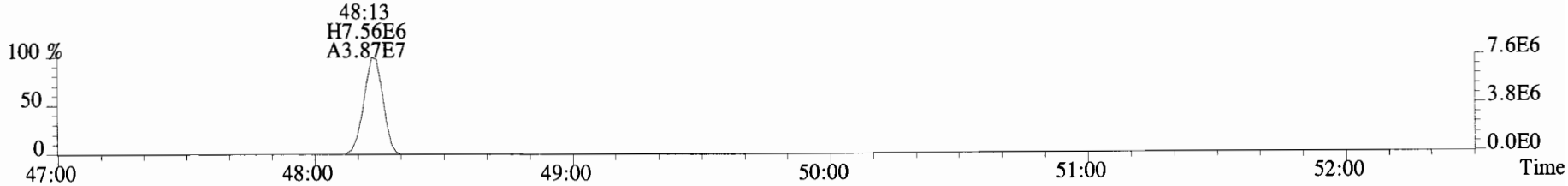
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



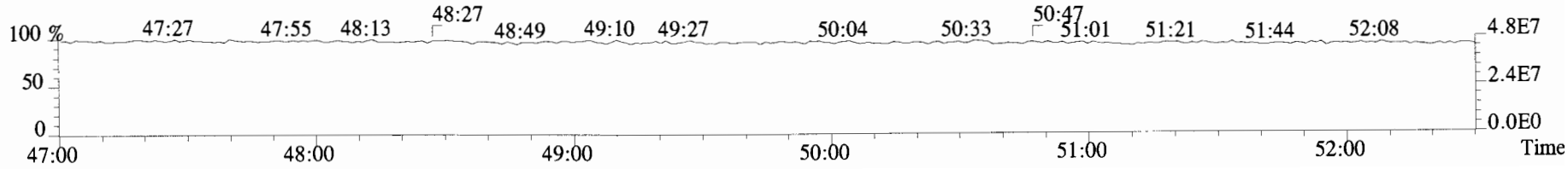
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



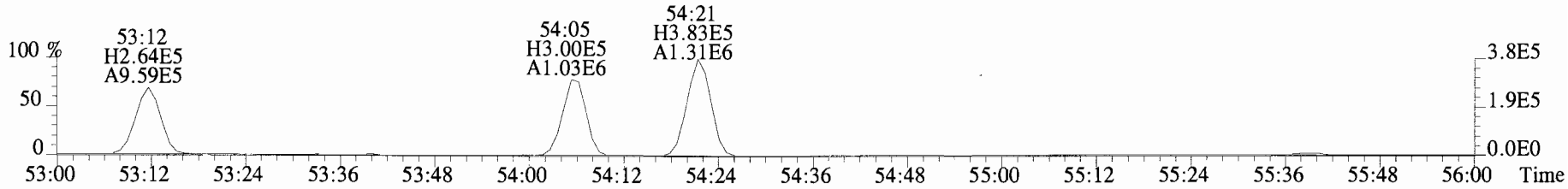
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5744.0,0.00%,F,F)



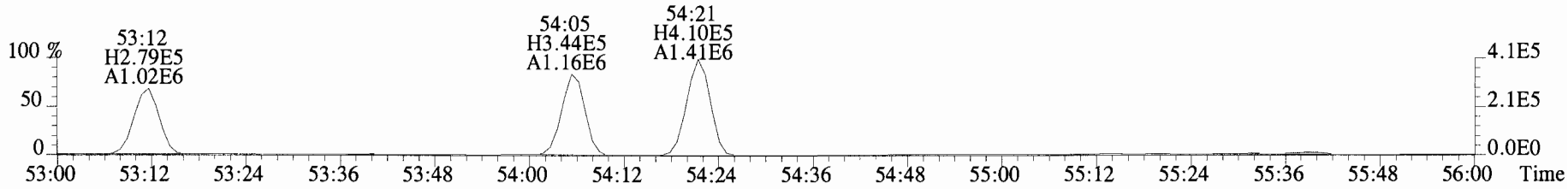
380.9760 S:3 F:4



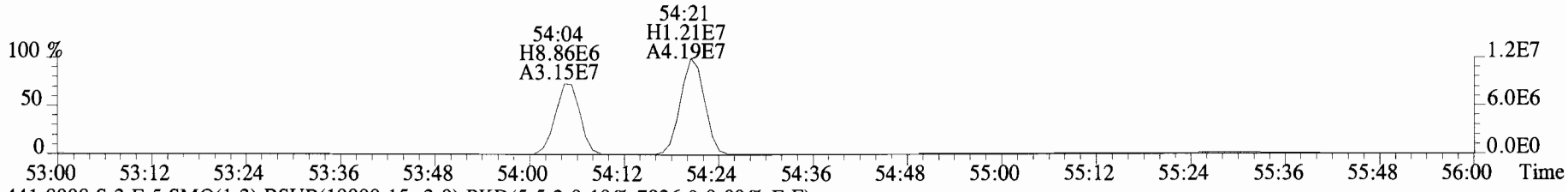
File:171027E1 #1-407 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1652.0,0.00%,F,F)



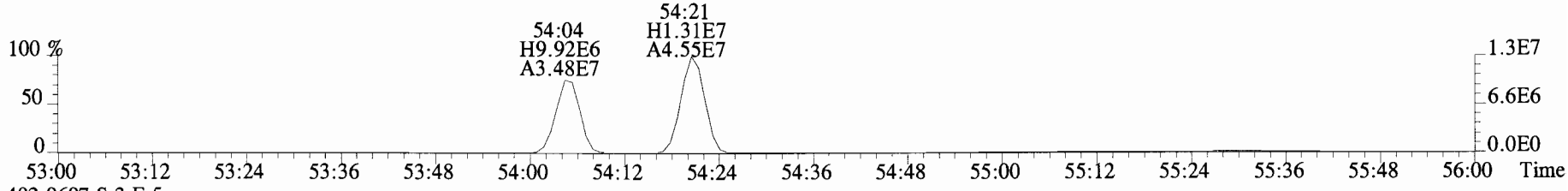
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



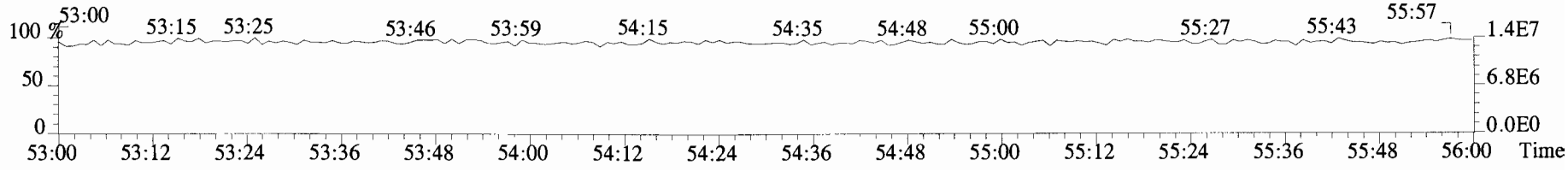
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6048.0,0.00%,F,F)



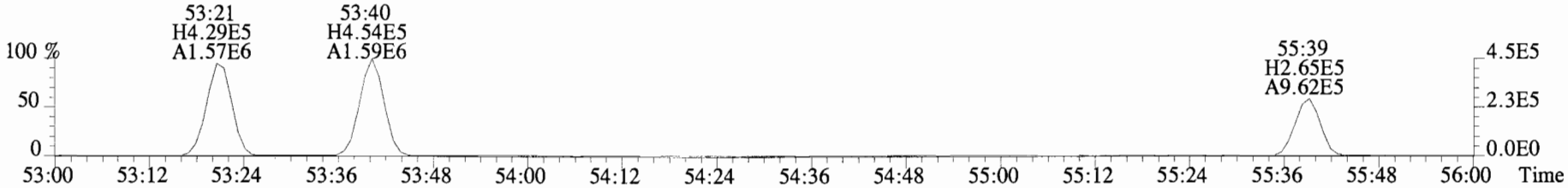
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7936.0,0.00%,F,F)



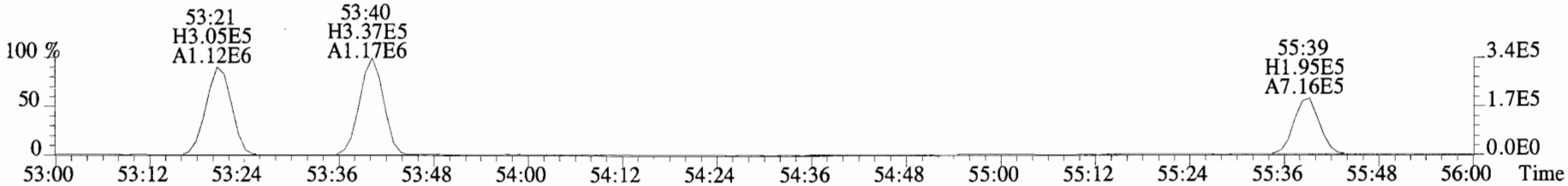
492.9697 S:3 F:5



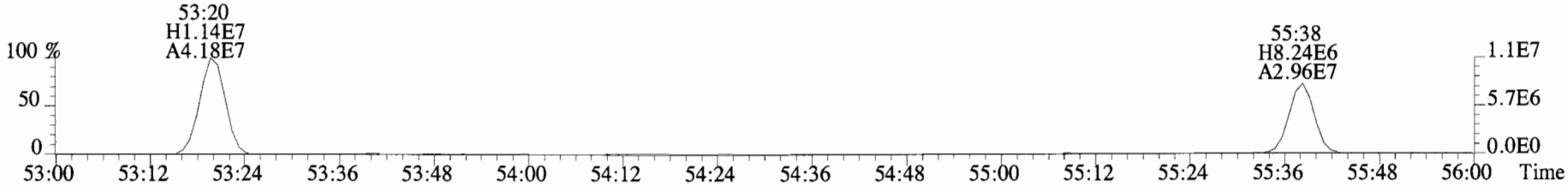
File:171027E1 #1-407 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2044.0,0.00%,F,F)



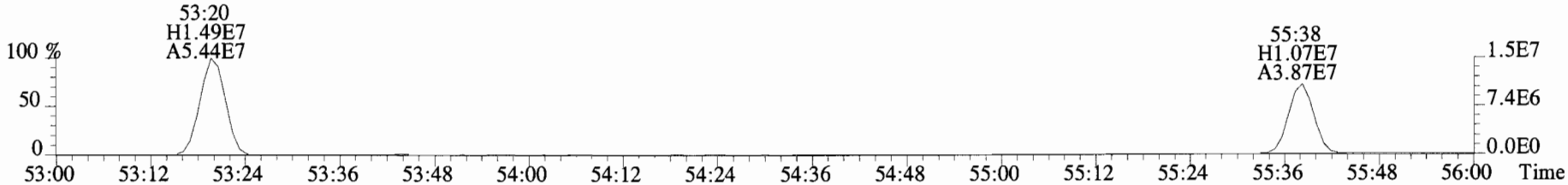
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



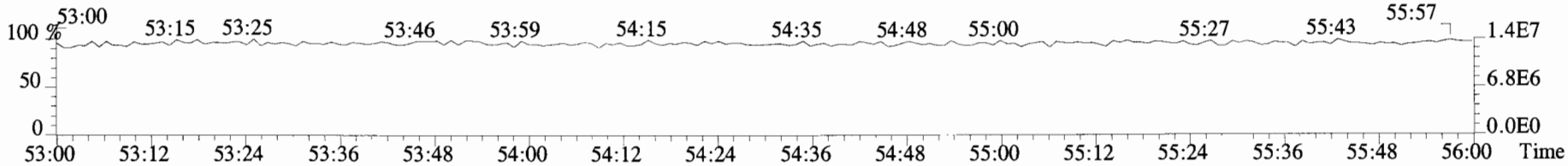
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29624.0,0.00%,F,F)



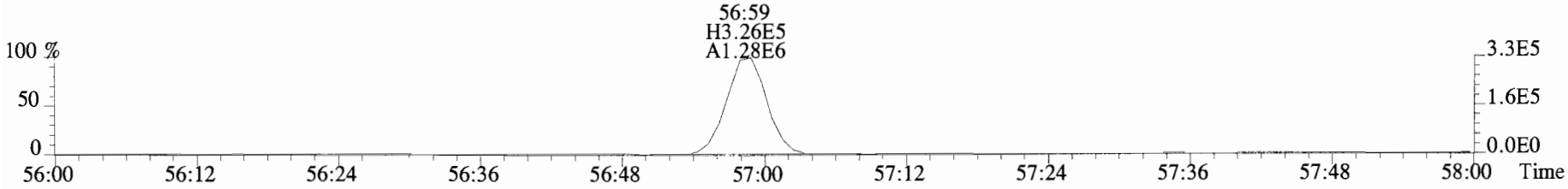
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39104.0,0.00%,F,F)



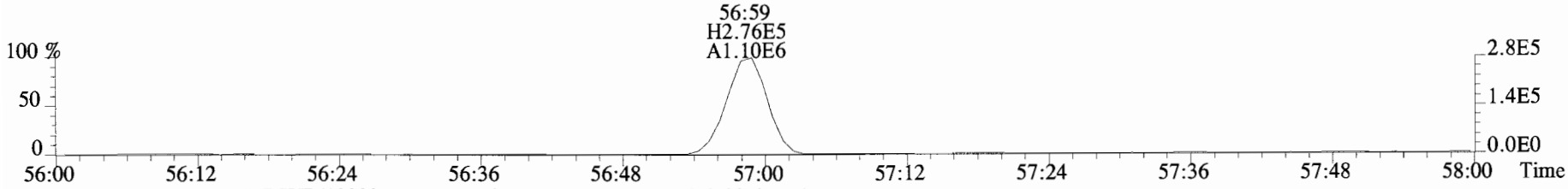
492.9697 S:3 F:5



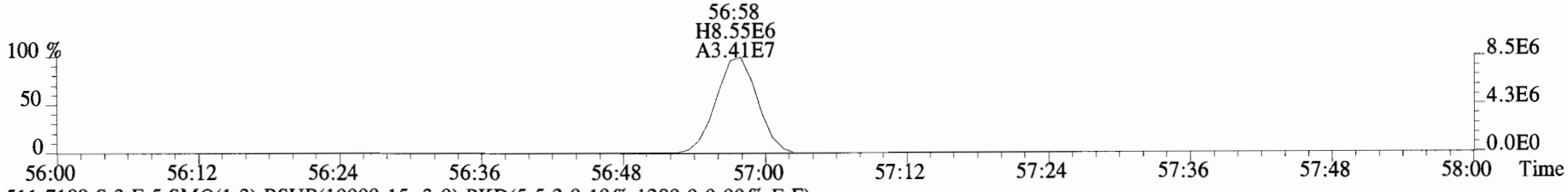
File:171027E1 #1-407 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1304.0,0.00%,F,F)



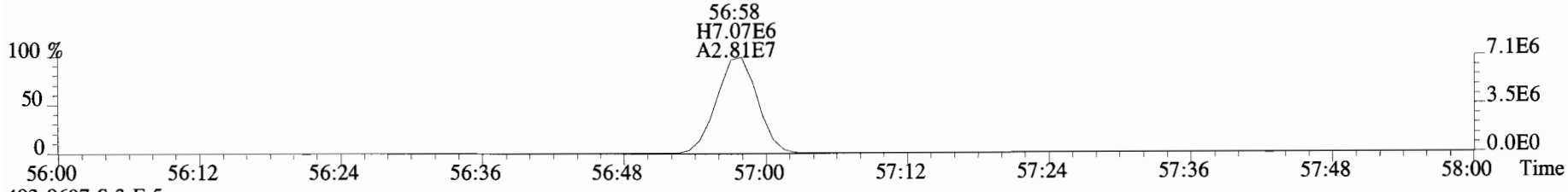
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1236.0,0.00%,F,F)



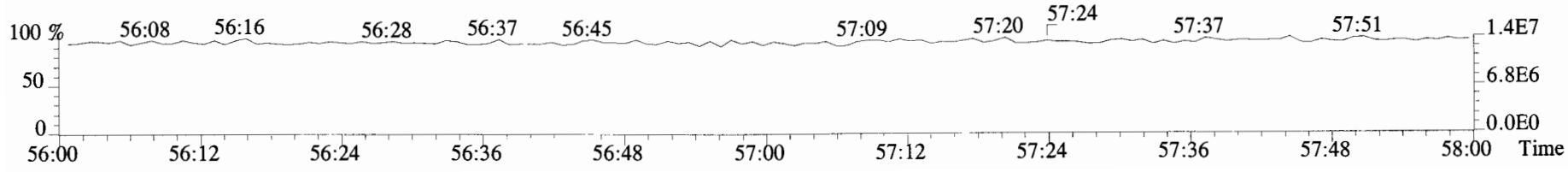
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1280.0,0.00%,F,F)

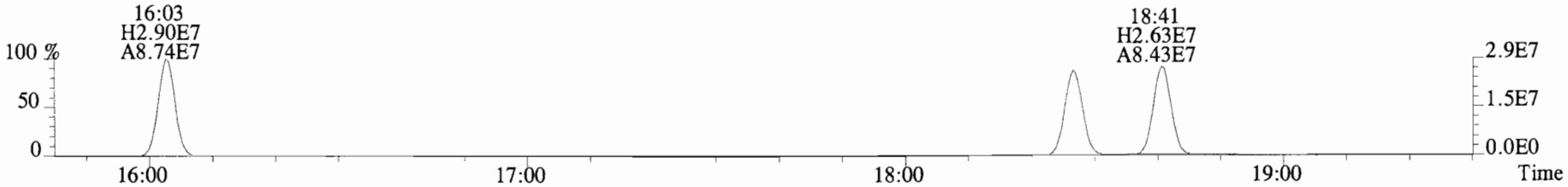


492.9697 S:3 F:5

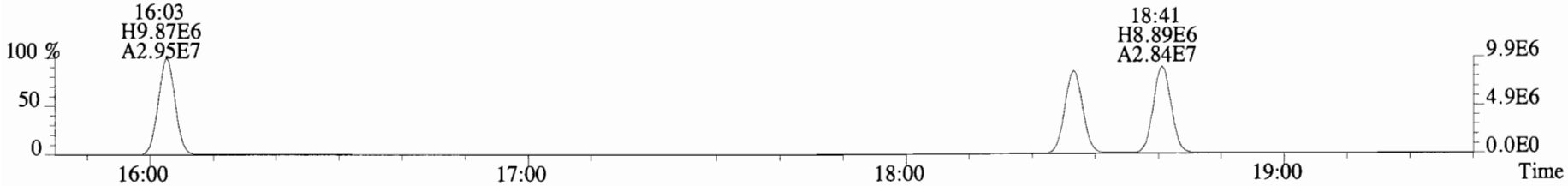


File:171027E1 #1-866 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1

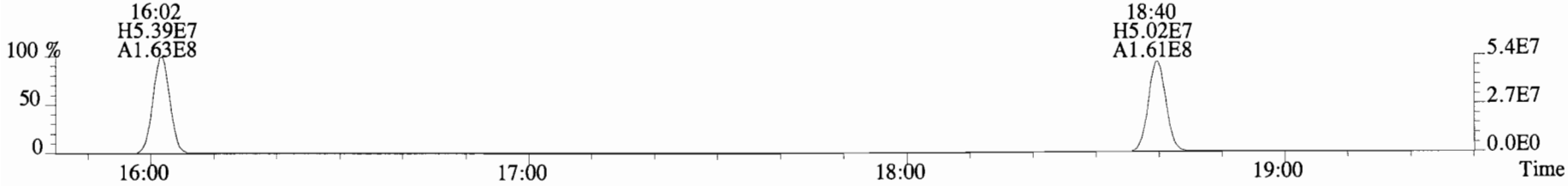
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5464.0,0.00%,F,F)



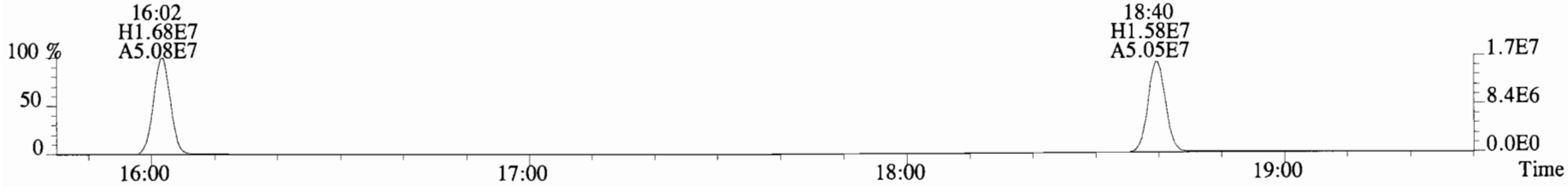
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4812.0,0.00%,F,F)



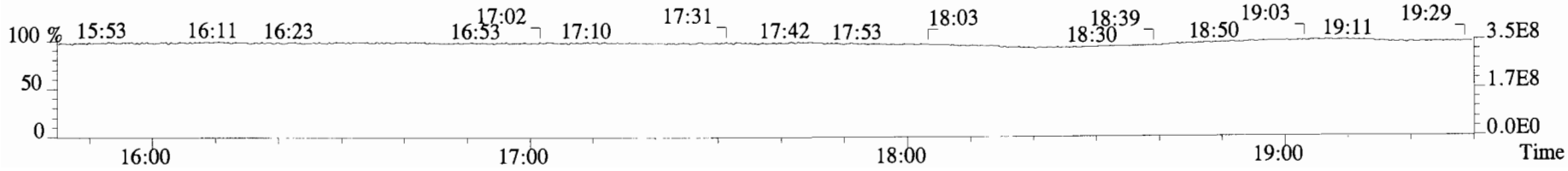
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5964.0,0.00%,F,F)



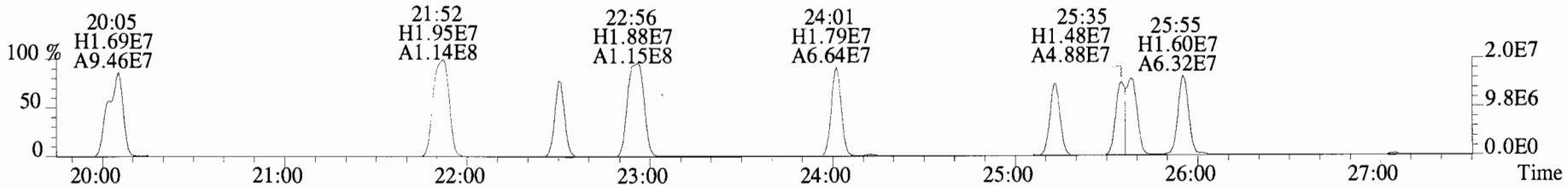
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15244.0,0.00%,F,F)



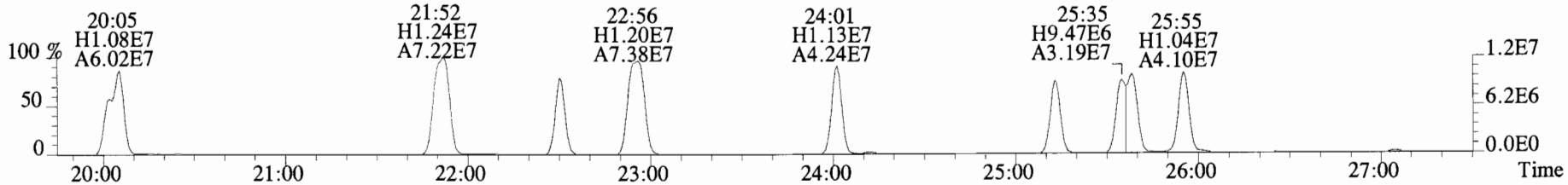
180.9880 S:4



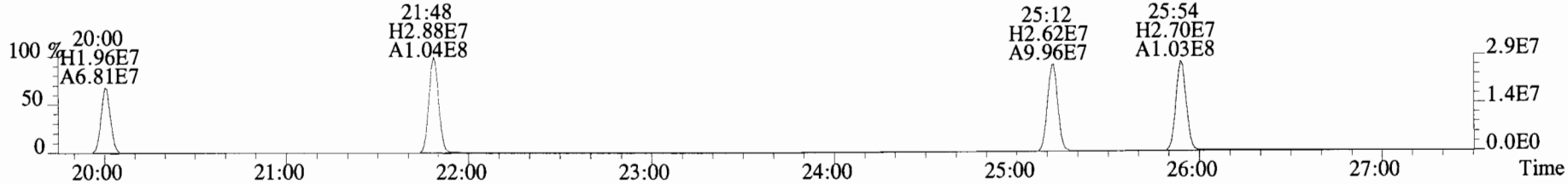
File:171027E1 #1-757 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7308.0,0.00%,F,F)



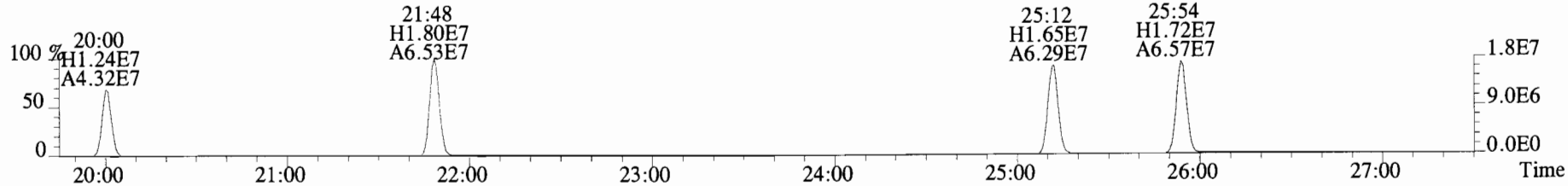
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



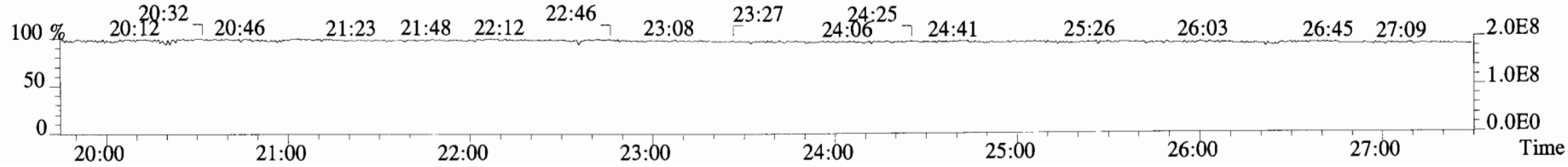
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6748.0,0.00%,F,F)



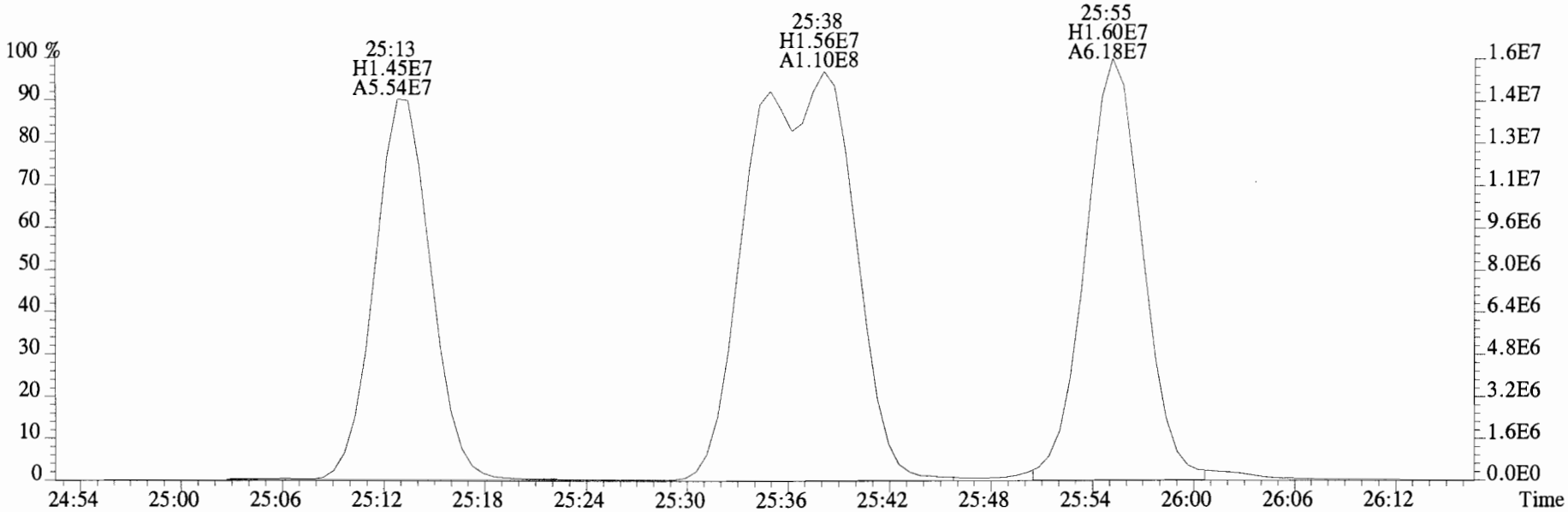
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4100.0,0.00%,F,F)



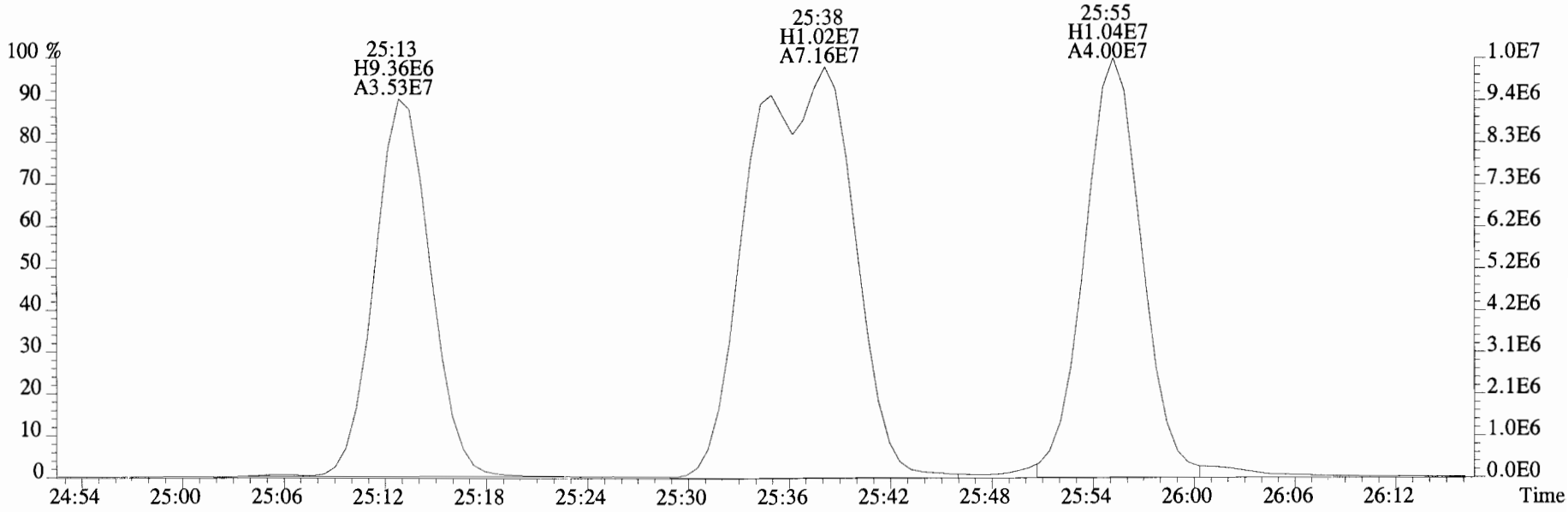
230.9856 S:4 F:2



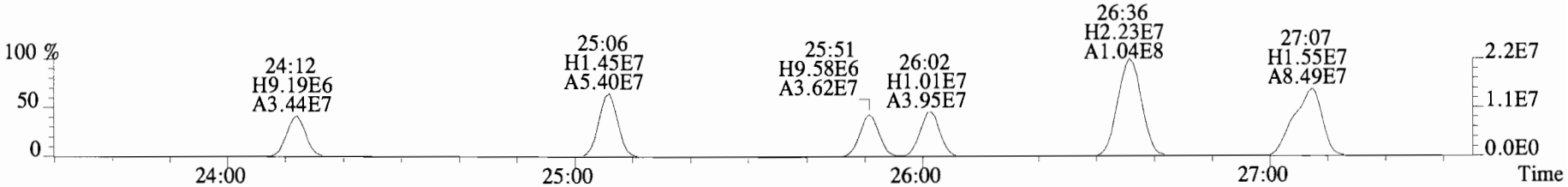
File:171027E1 #1-757 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7308.0,0.00%,F,F)



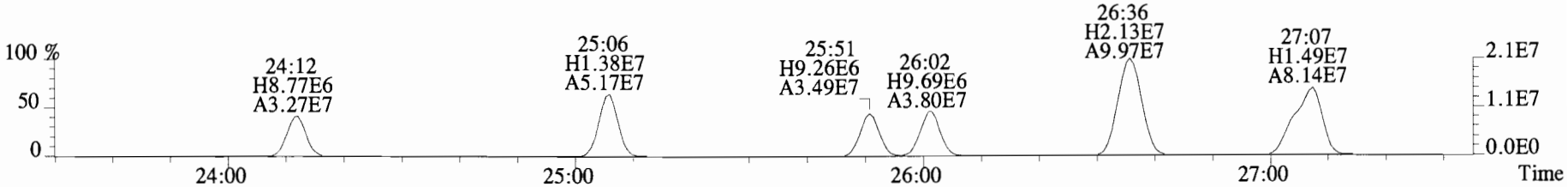
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



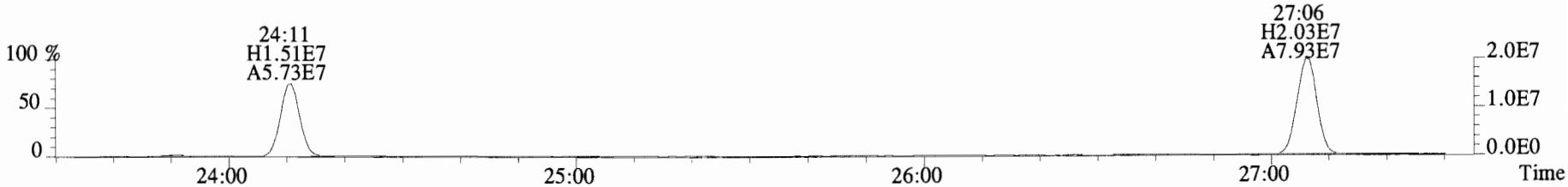
File:171027E1 #1-757 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5440.0,0.00%,F,F)



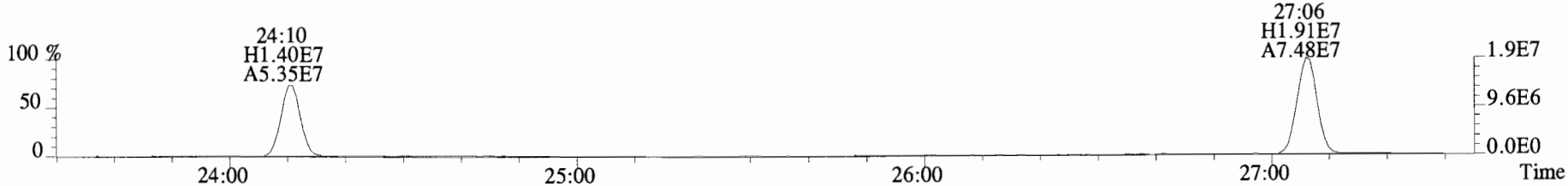
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3576.0,0.00%,F,F)



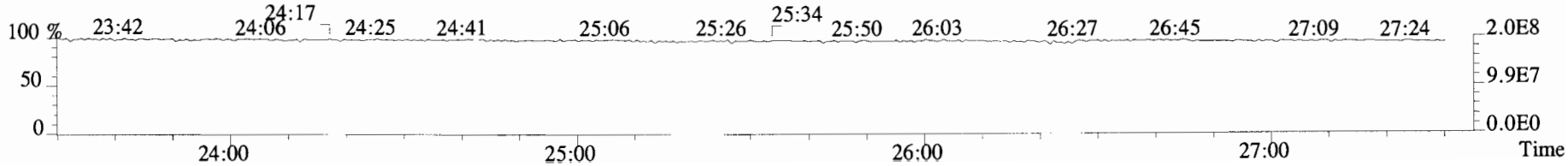
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,104788.0,0.00%,F,F)



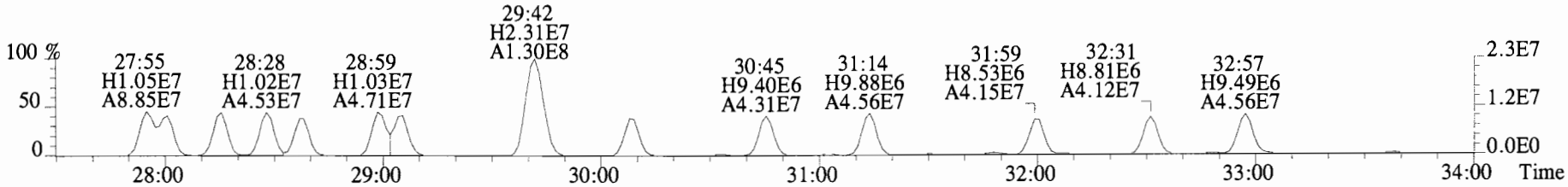
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74396.0,0.00%,F,F)



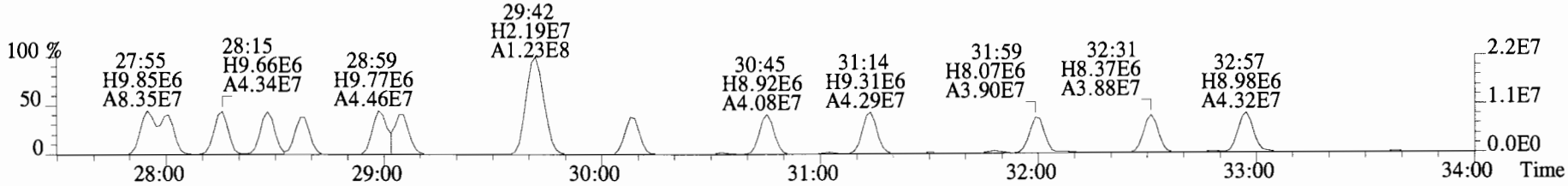
230.9856 S:4 F:2



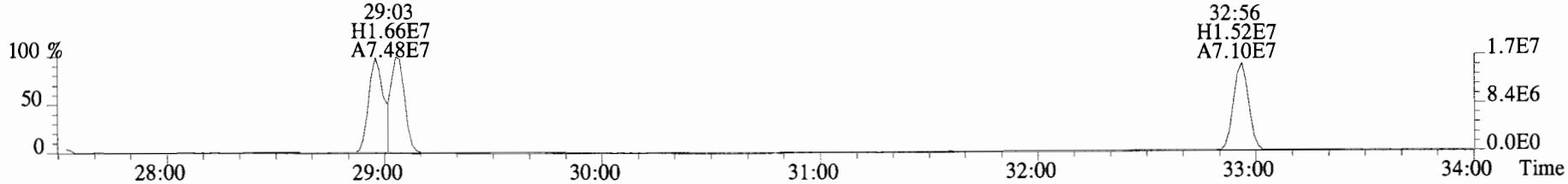
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13600.0,0.00%,F,F)



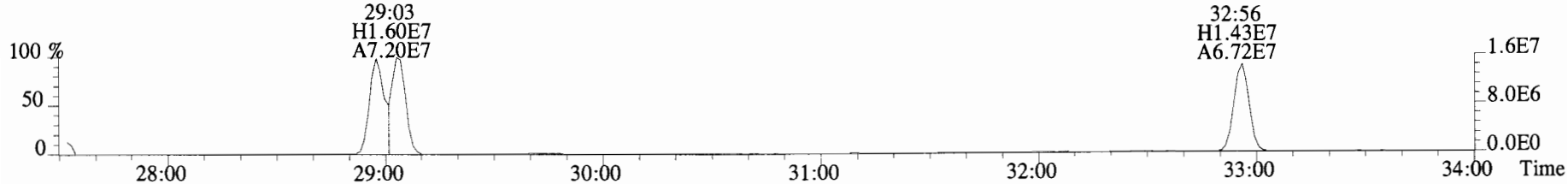
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13480.0,0.00%,F,F)



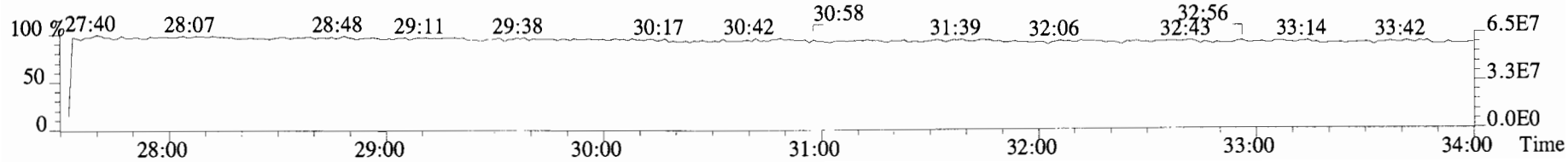
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81540.0,0.00%,F,F)



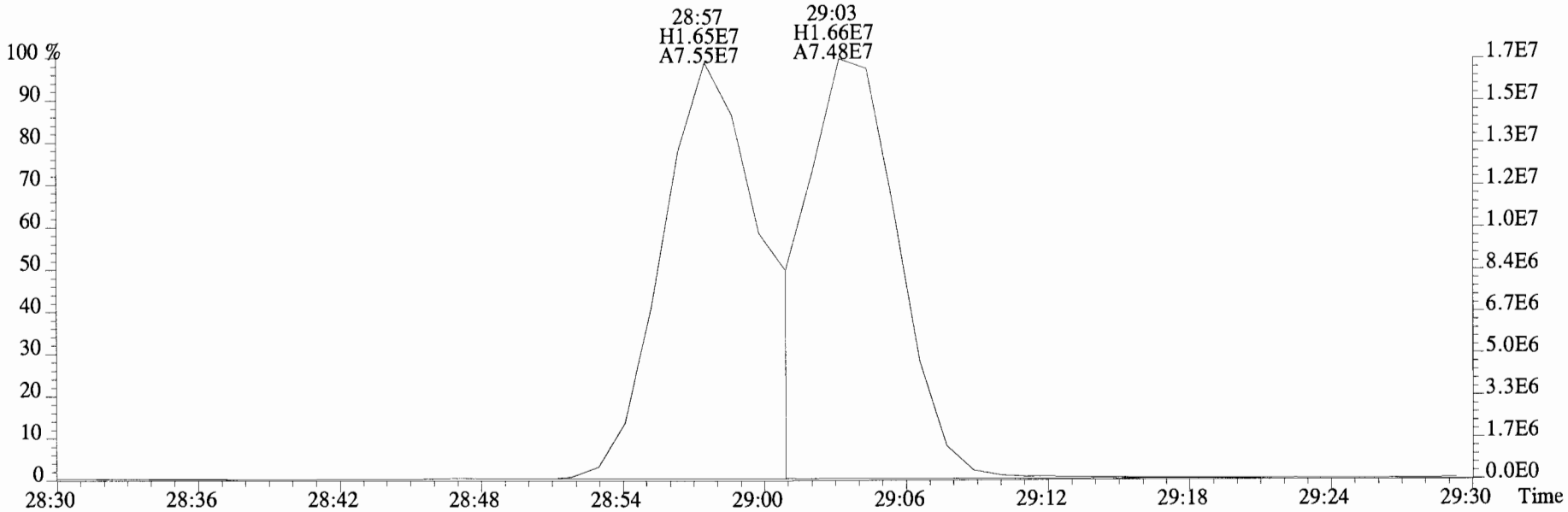
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45004.0,0.00%,F,F)



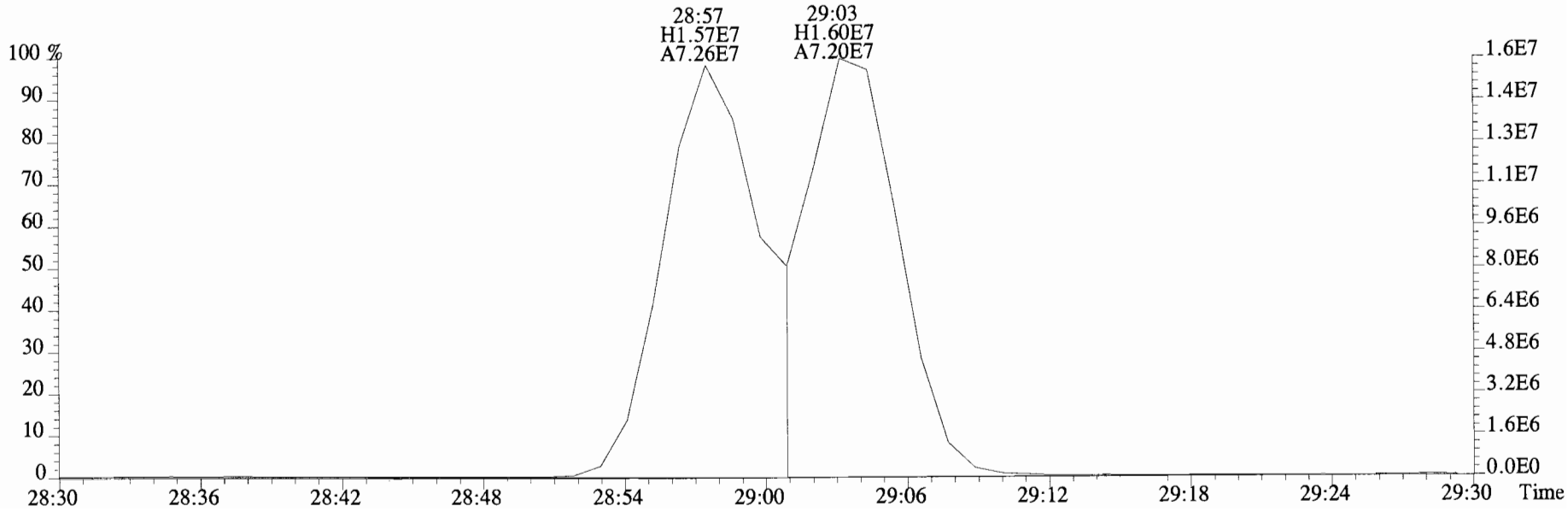
330.9792 S:4 F:3



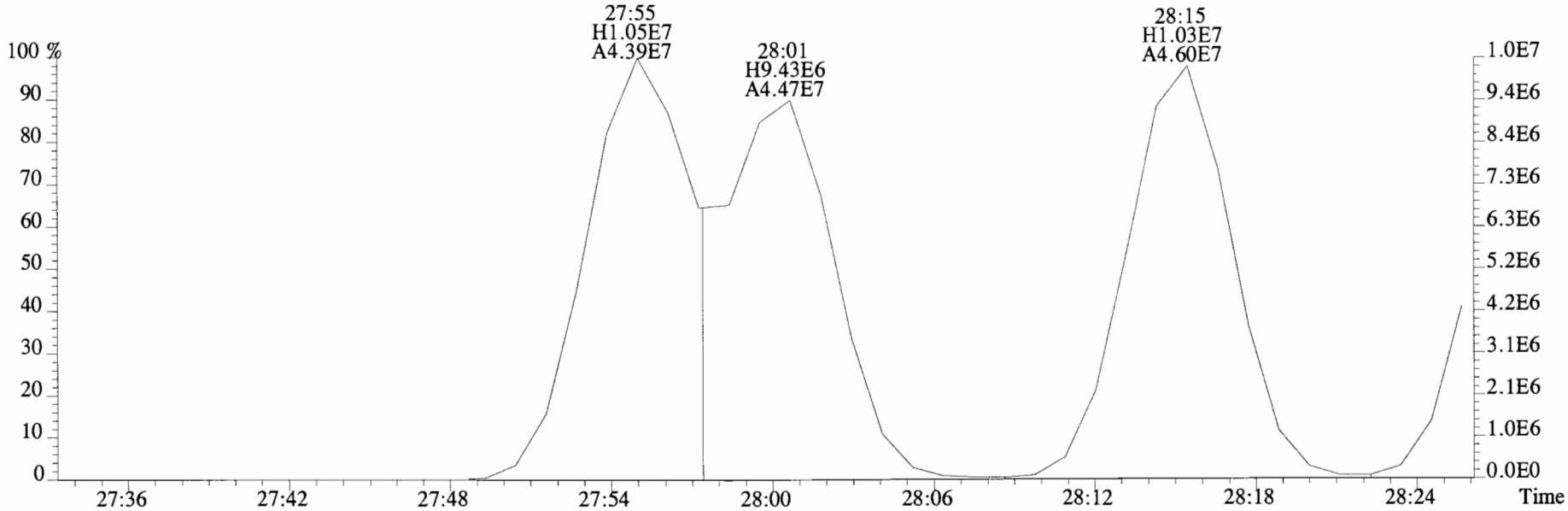
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81540.0,0.00%,F,F)



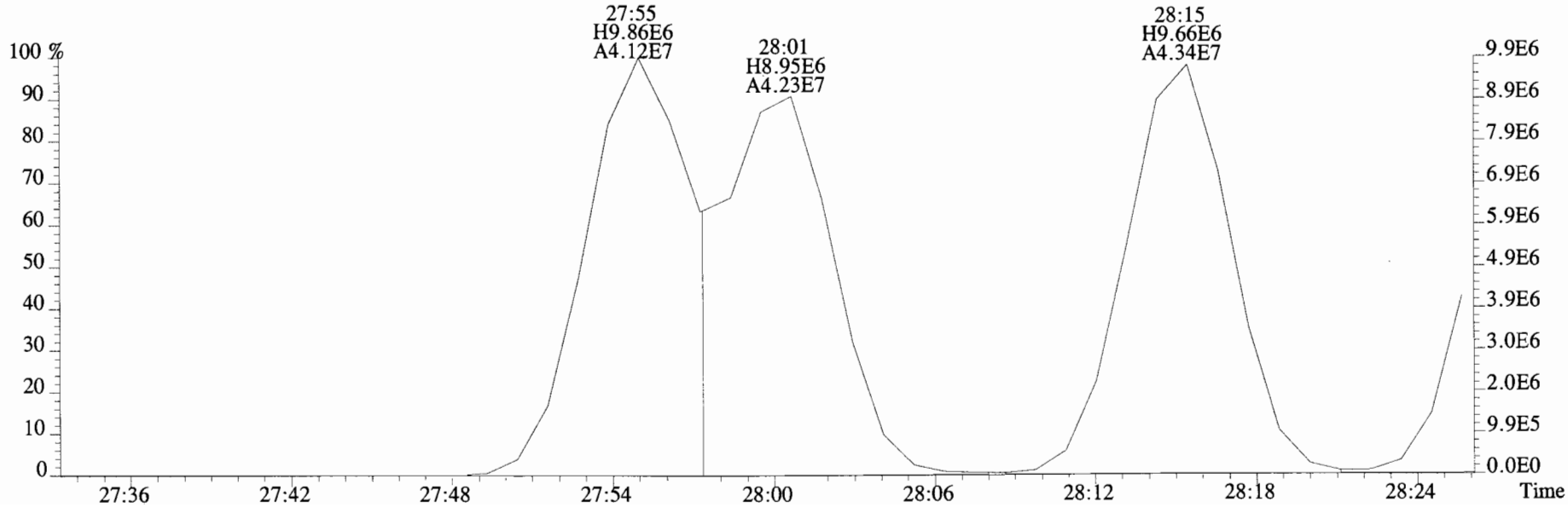
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45004.0,0.00%,F,F)



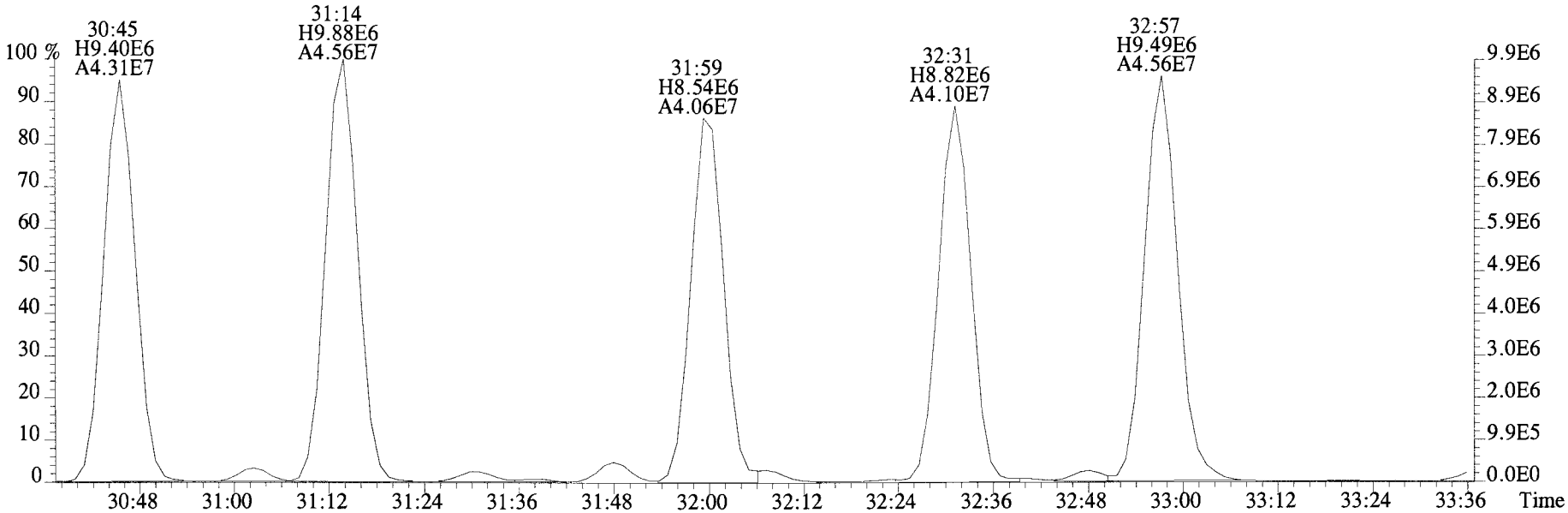
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13600.0,0.00%,F,F)



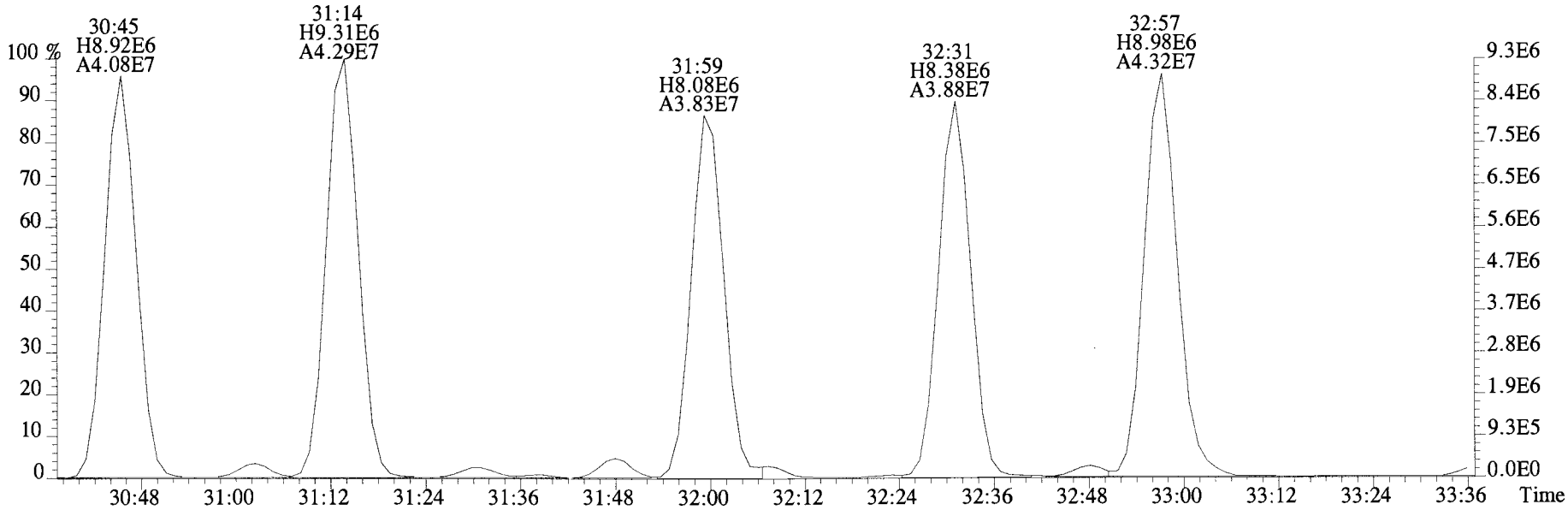
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13480.0,0.00%,F,F)



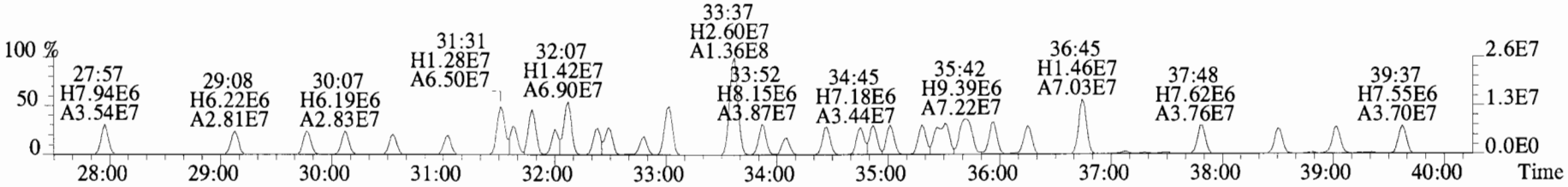
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13600.0,0.00%,F,F)



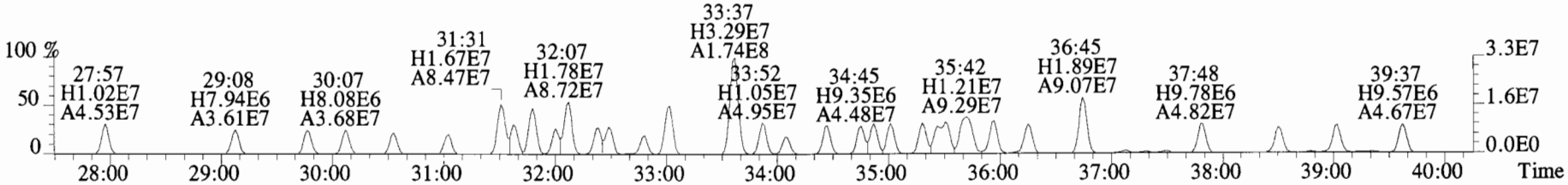
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13480.0,0.00%,F,F)



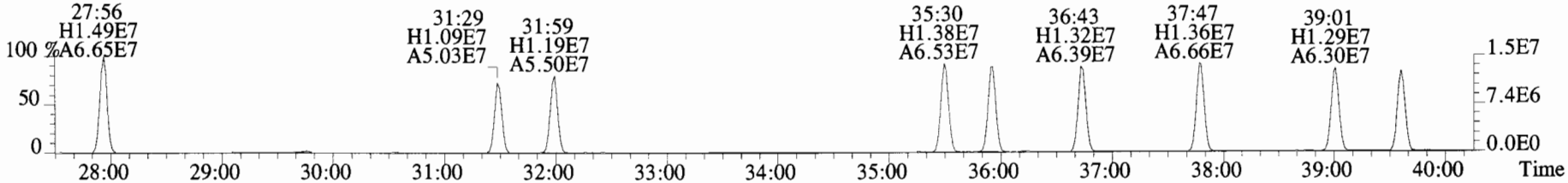
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



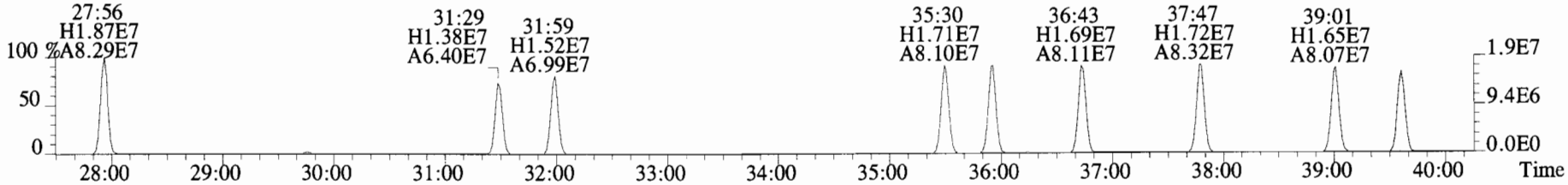
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



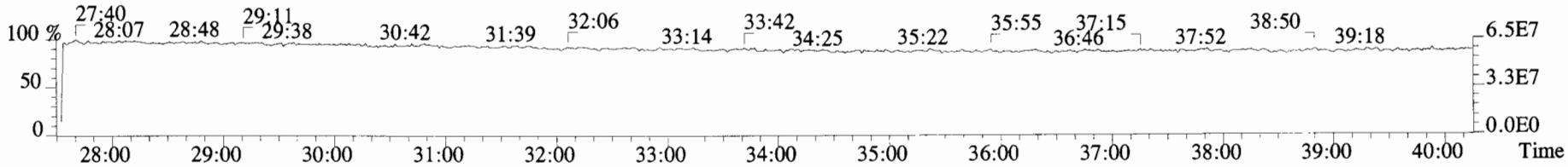
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



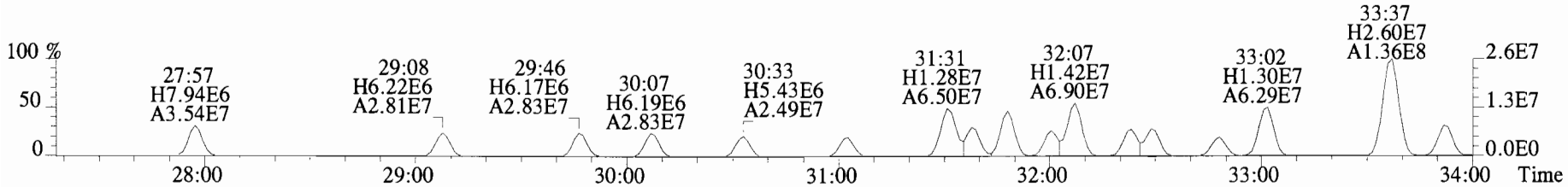
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



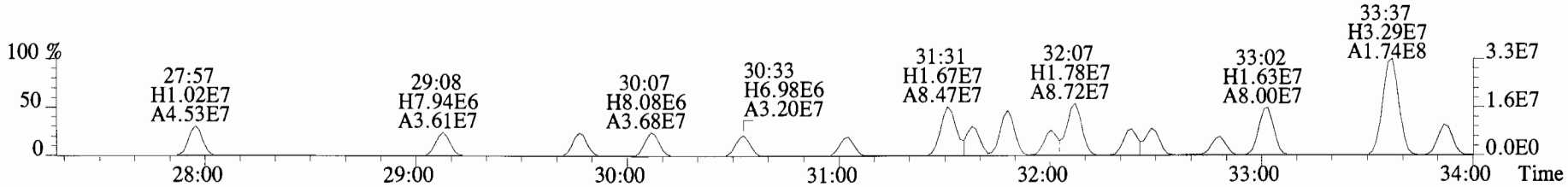
330.9792 S:4 F:3



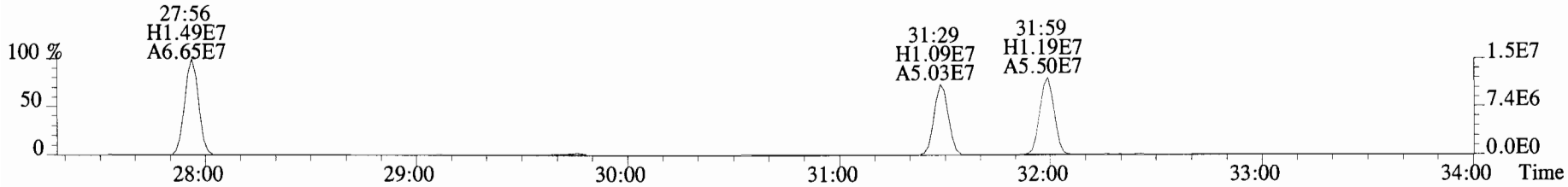
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



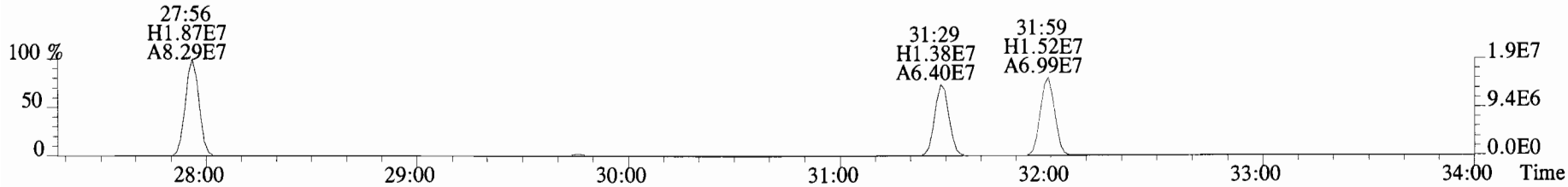
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



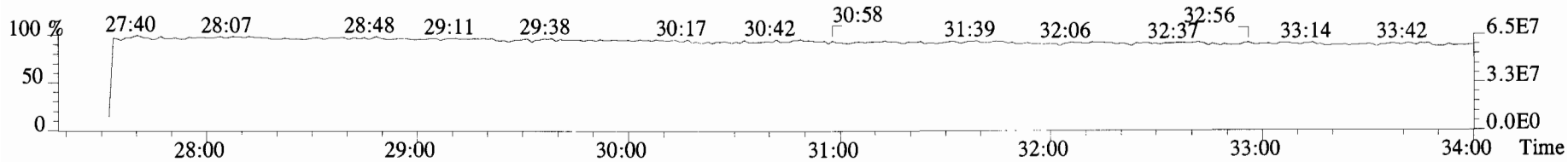
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



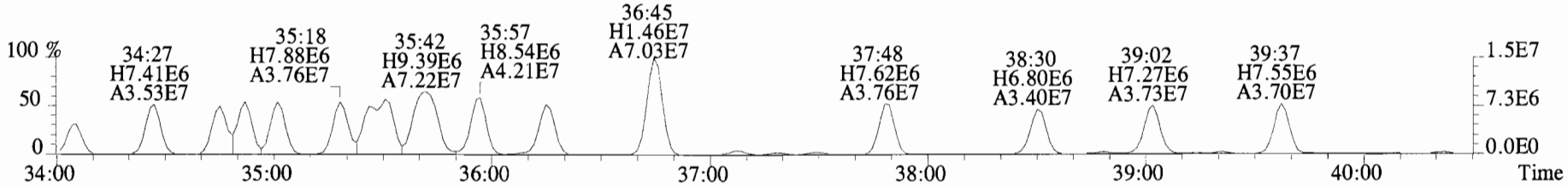
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



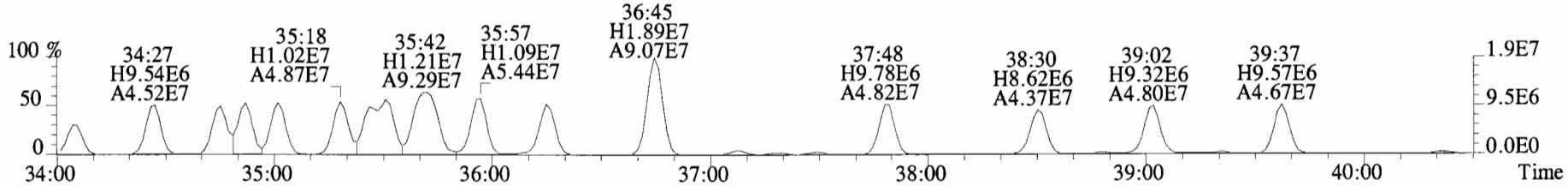
330.9792 S:4 F:3



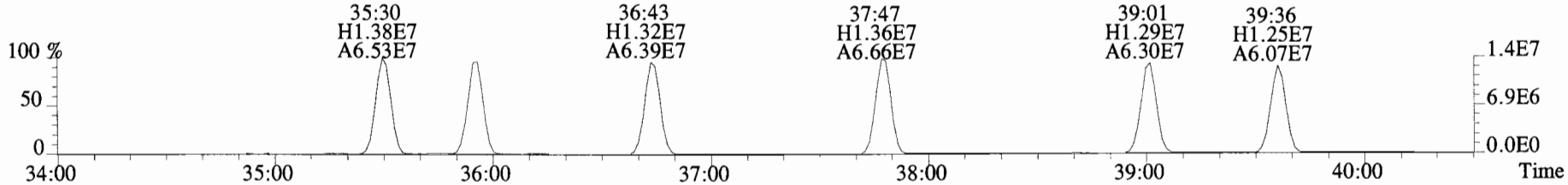
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



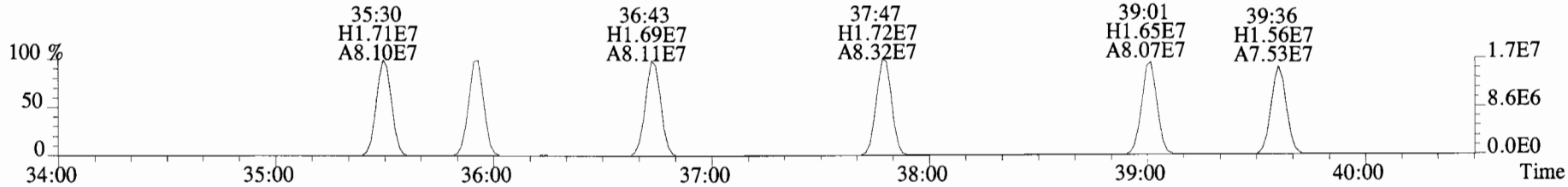
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



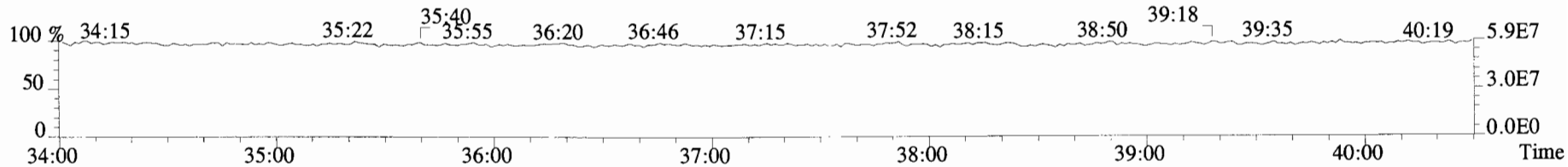
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



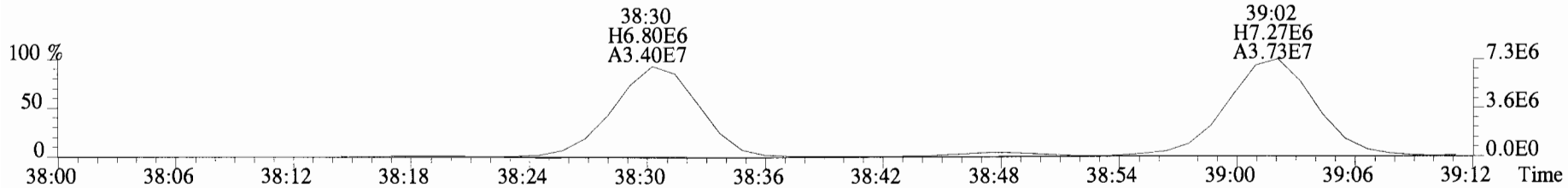
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



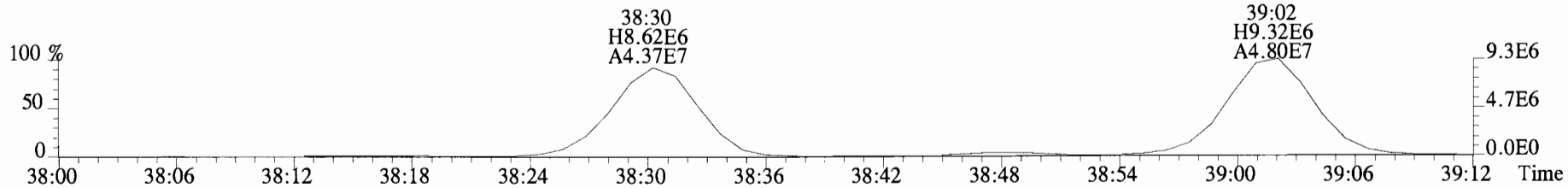
330.9792 S:4 F:3



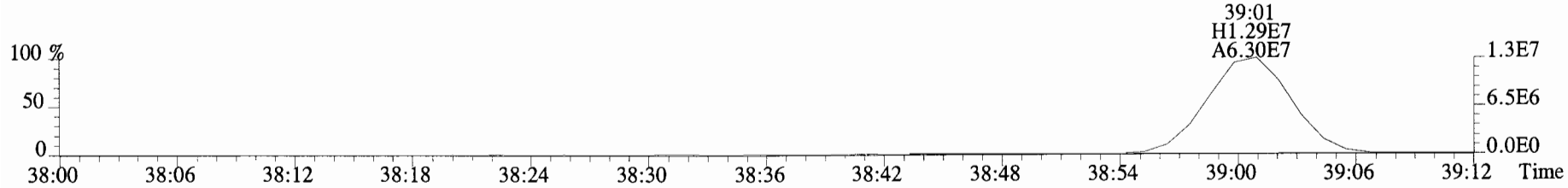
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



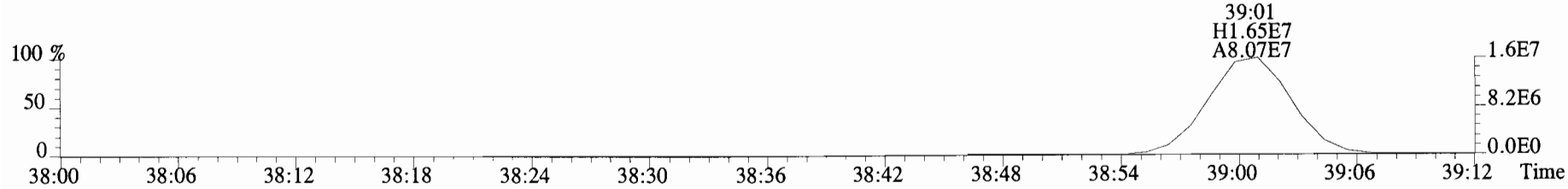
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



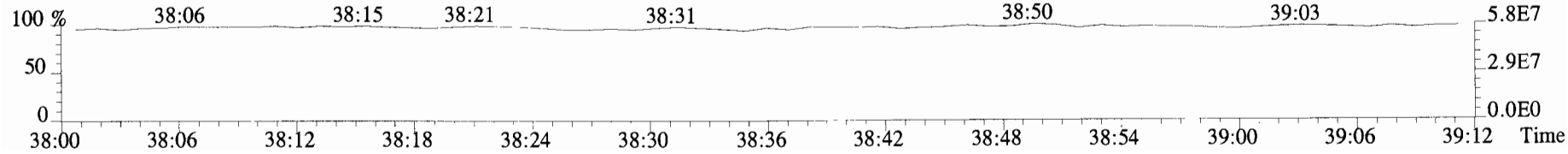
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



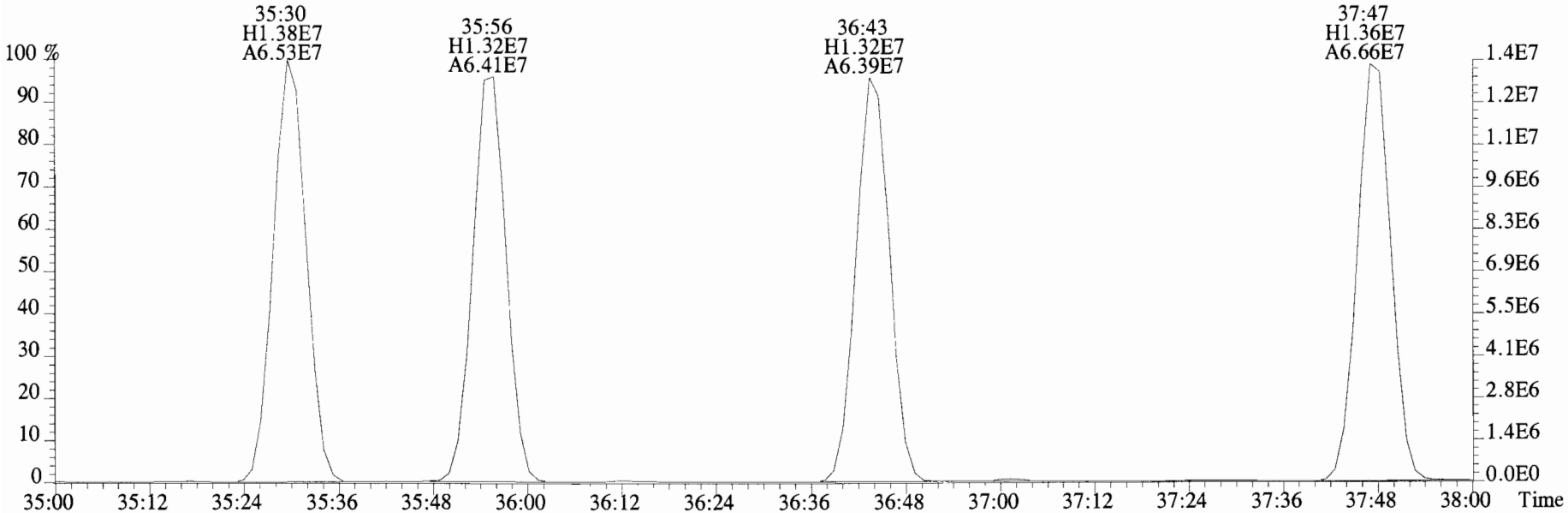
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



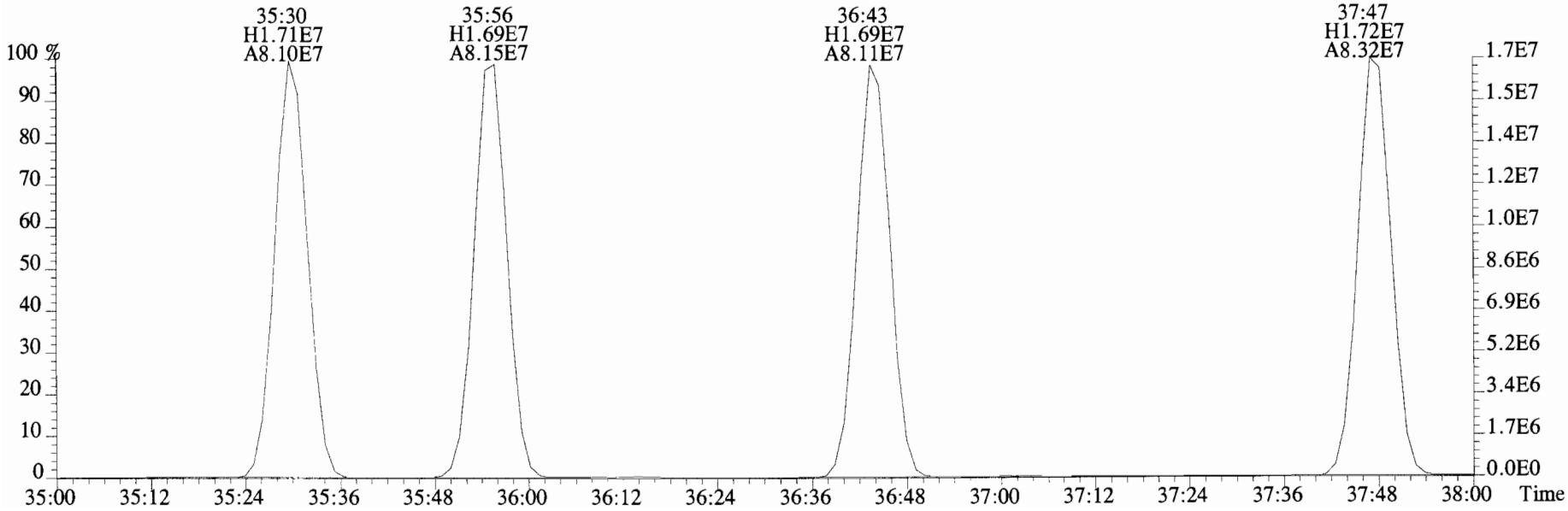
330.9792 S:4 F:3



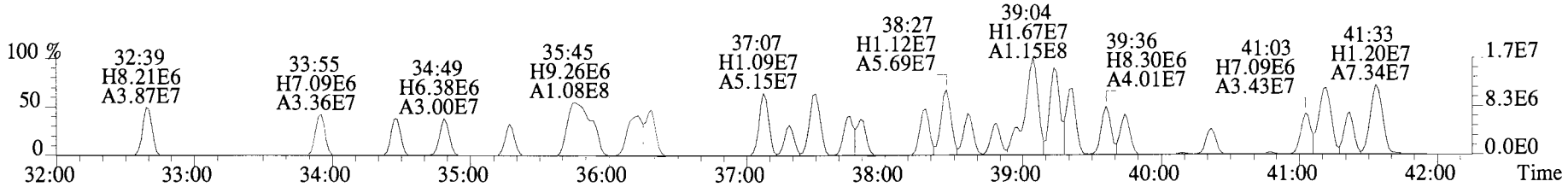
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



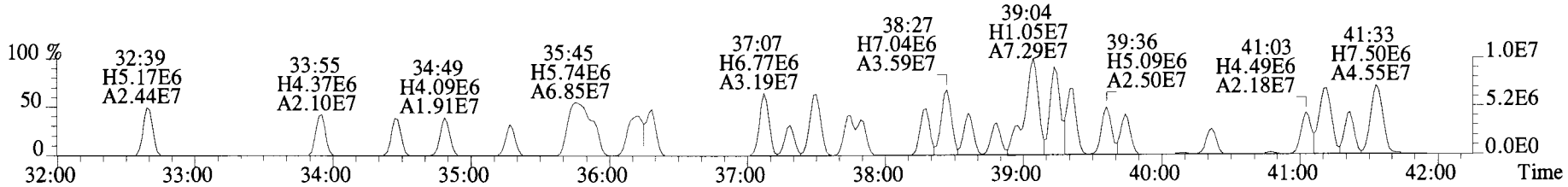
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



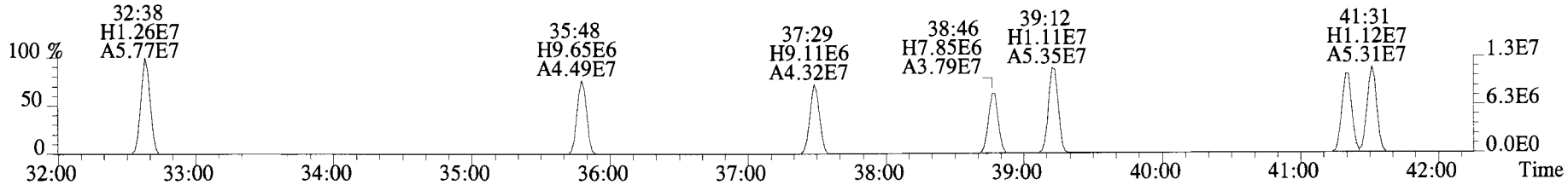
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



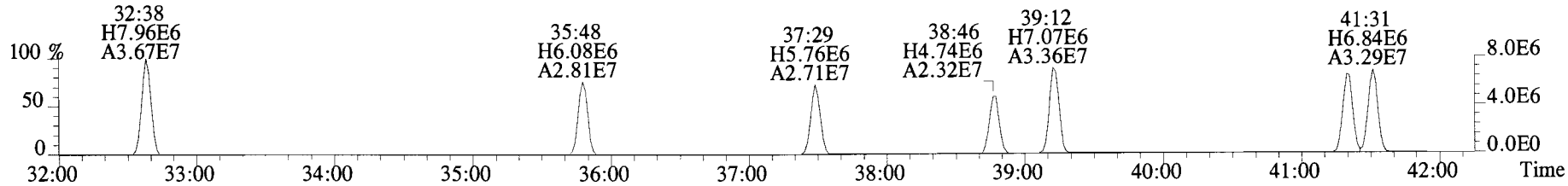
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



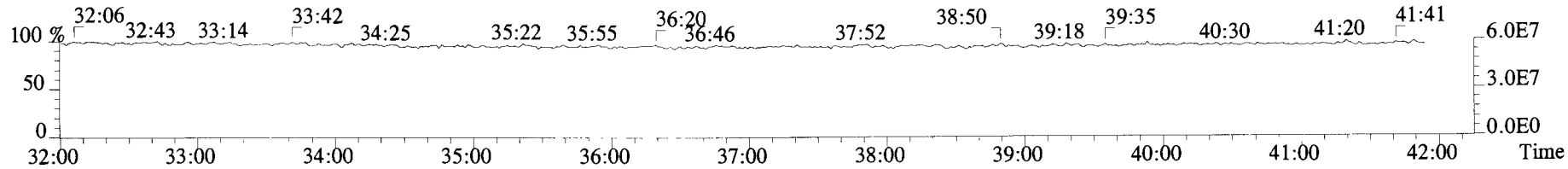
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



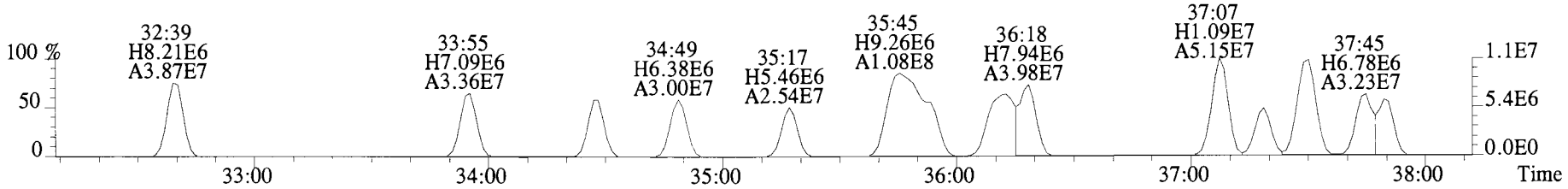
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



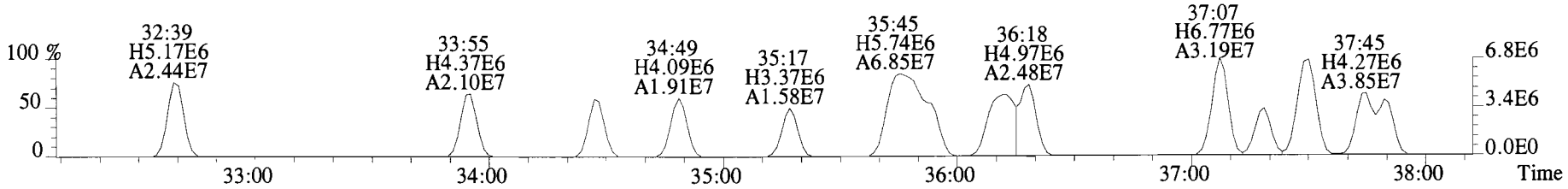
330.9792 S:4 F:3



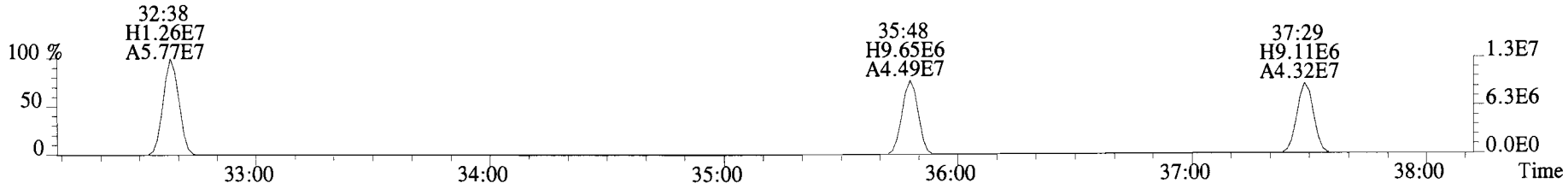
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



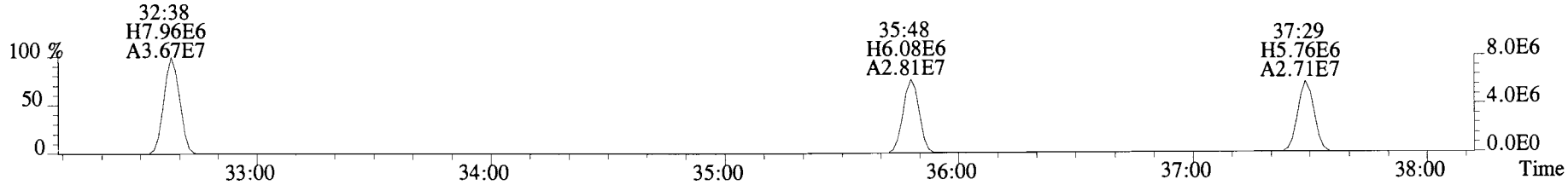
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



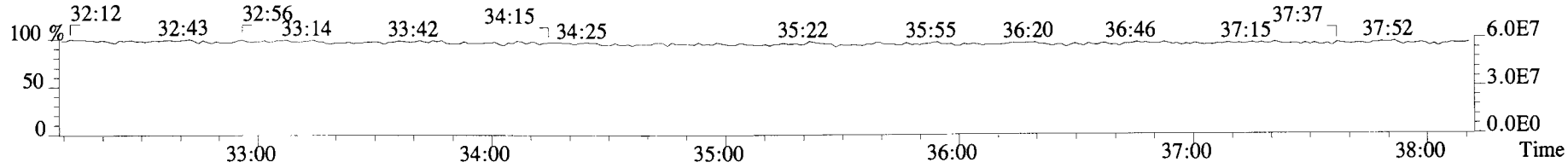
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



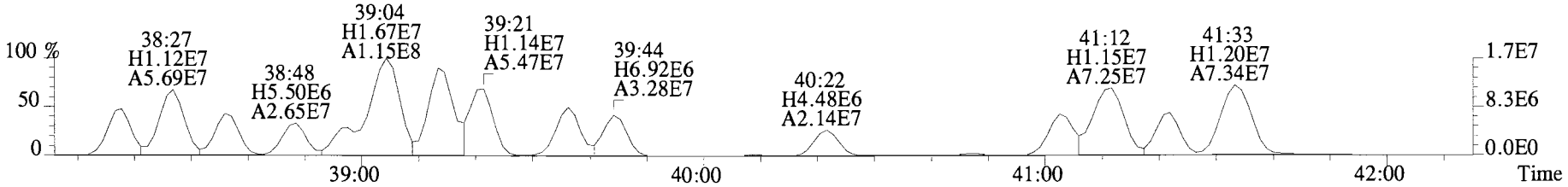
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



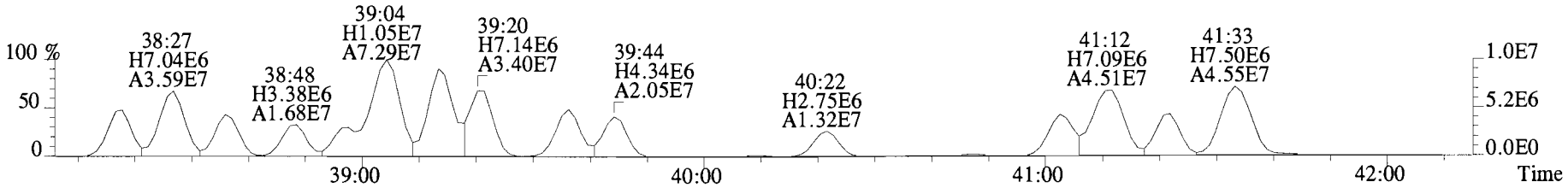
330.9792 S:4 F:3



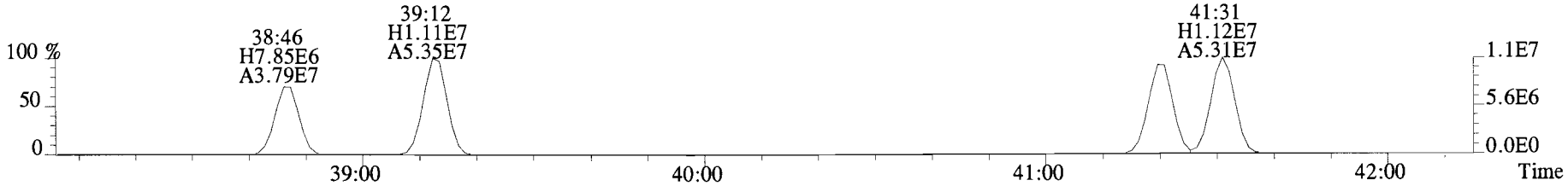
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



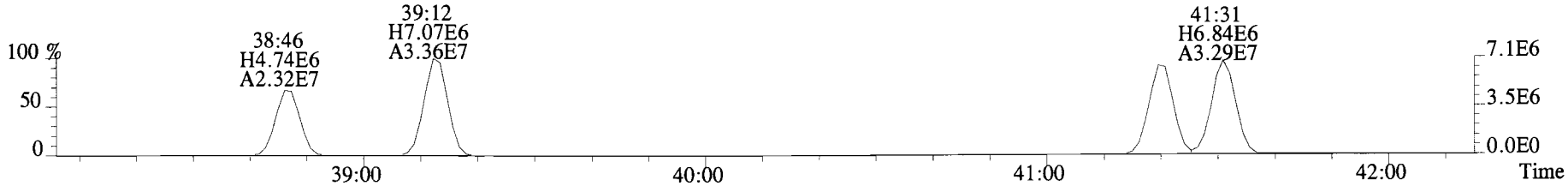
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



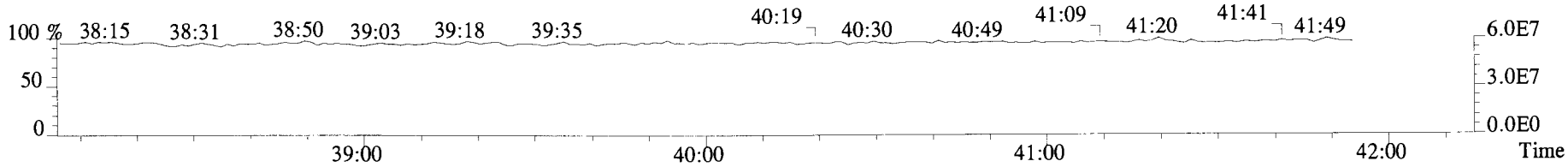
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



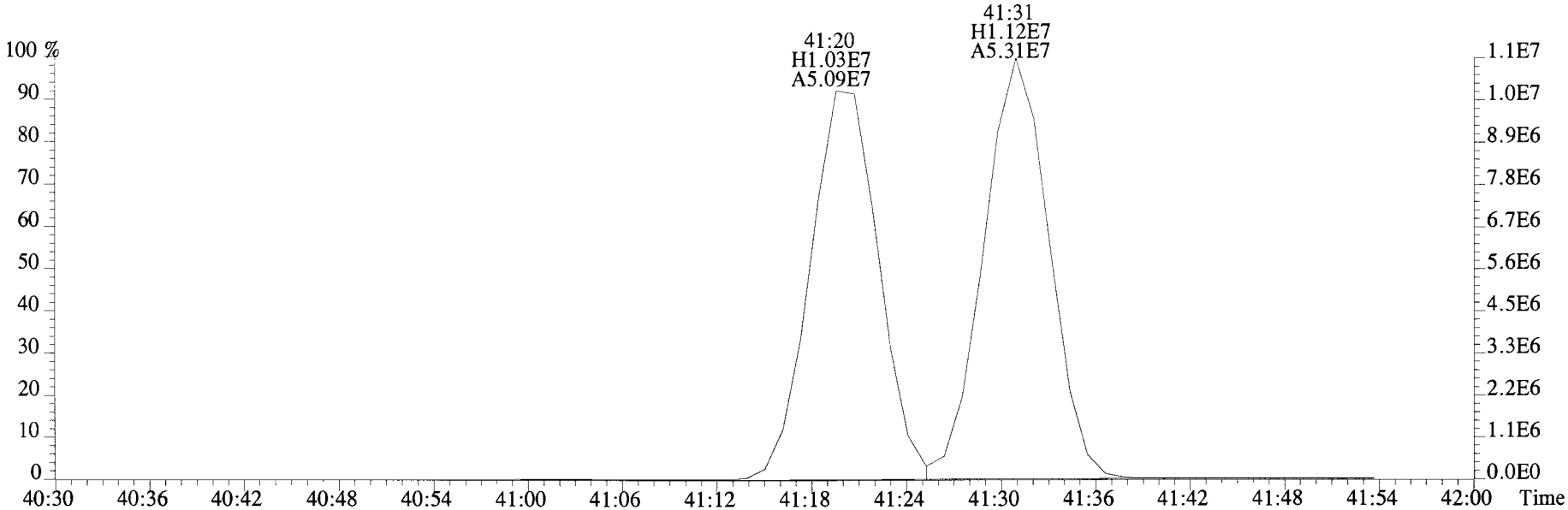
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



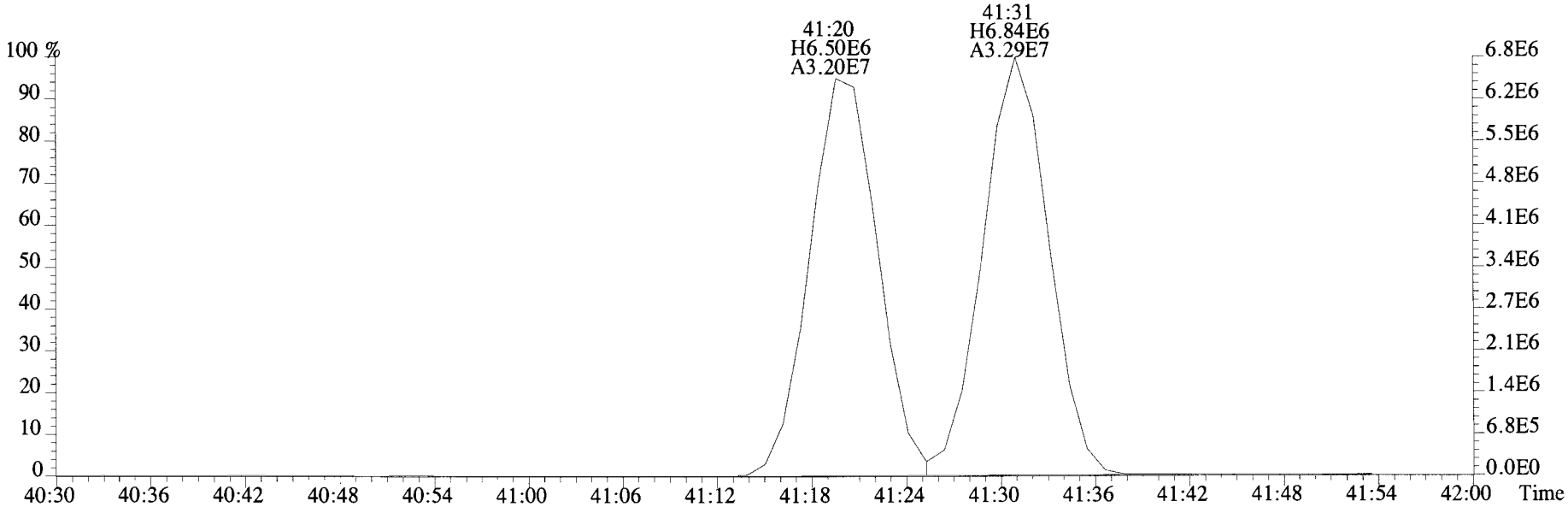
330.9792 S:4 F:3



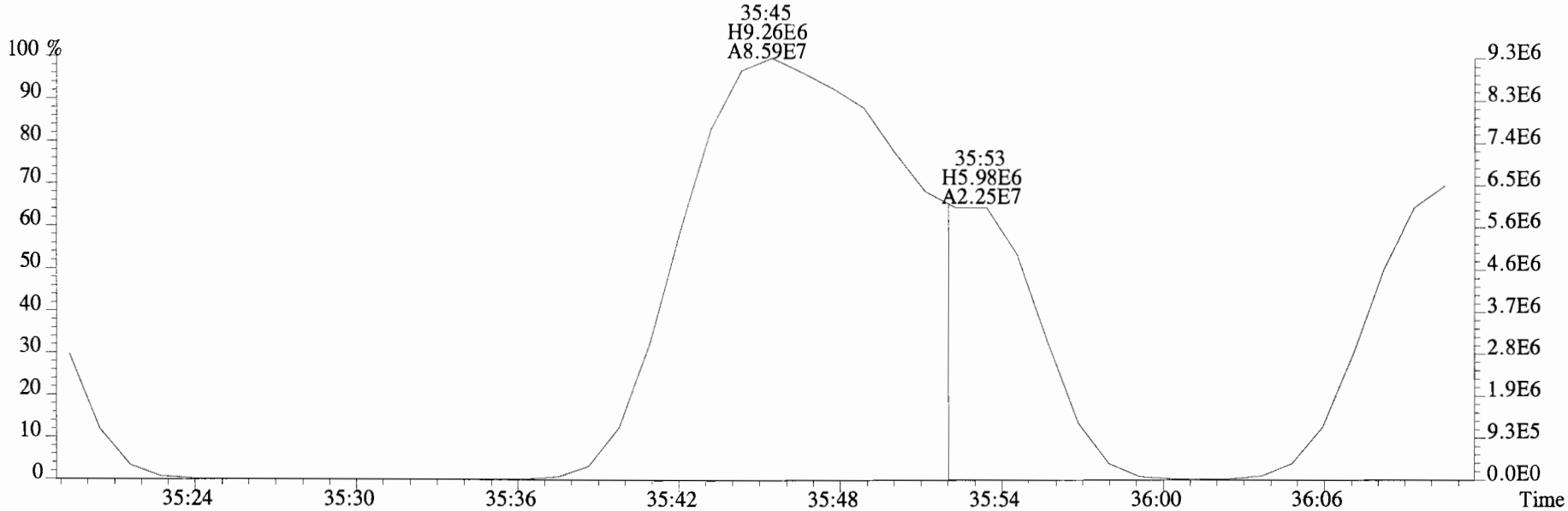
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



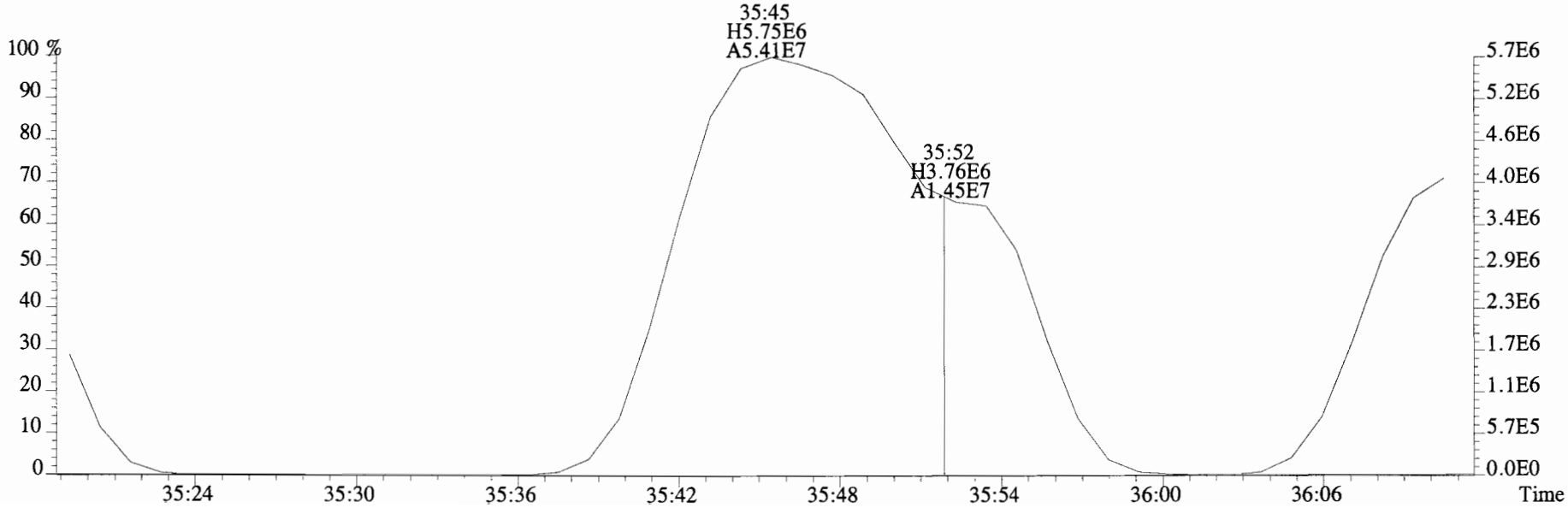
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



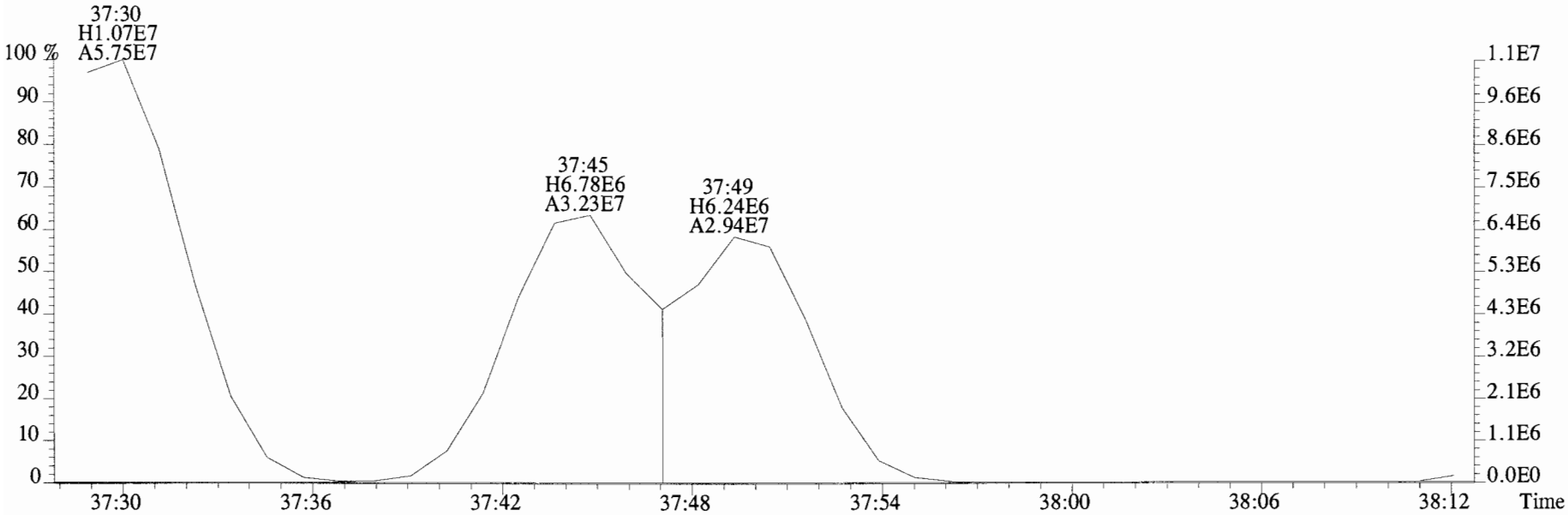
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



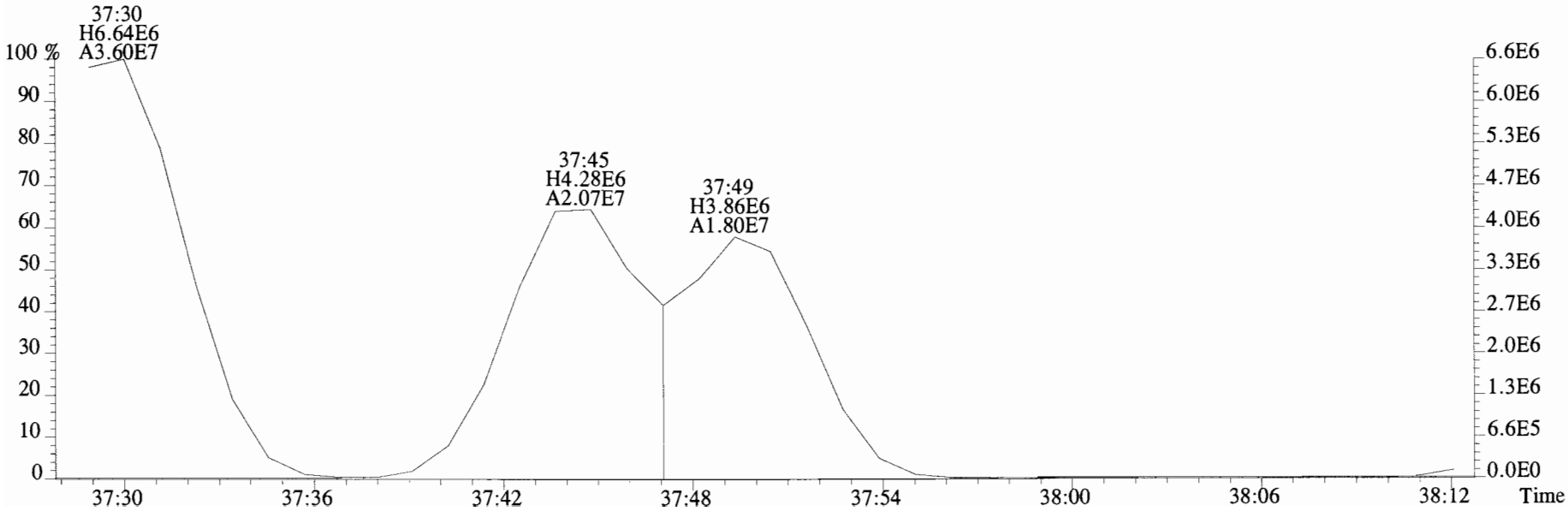
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



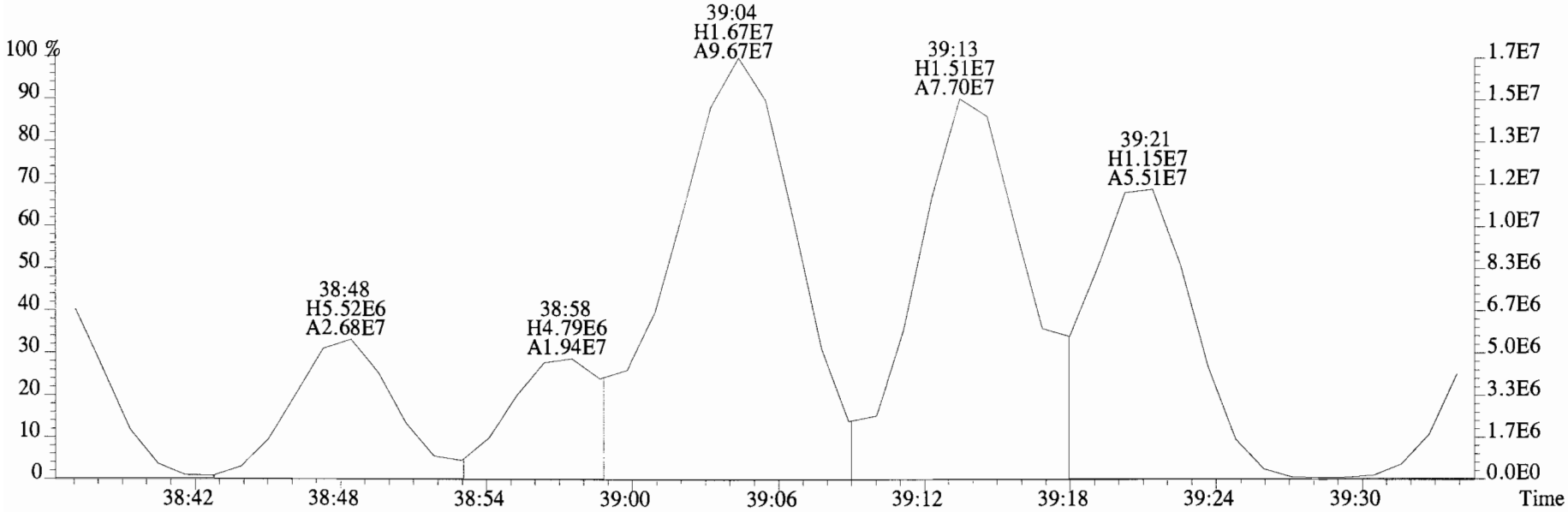
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



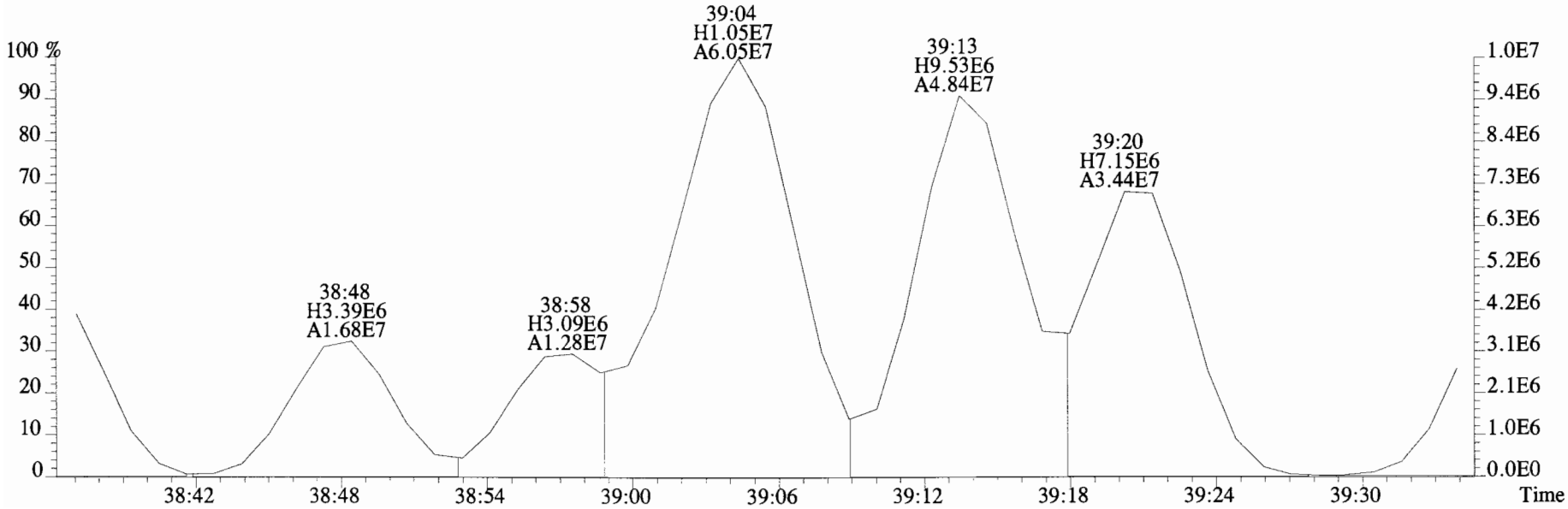
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



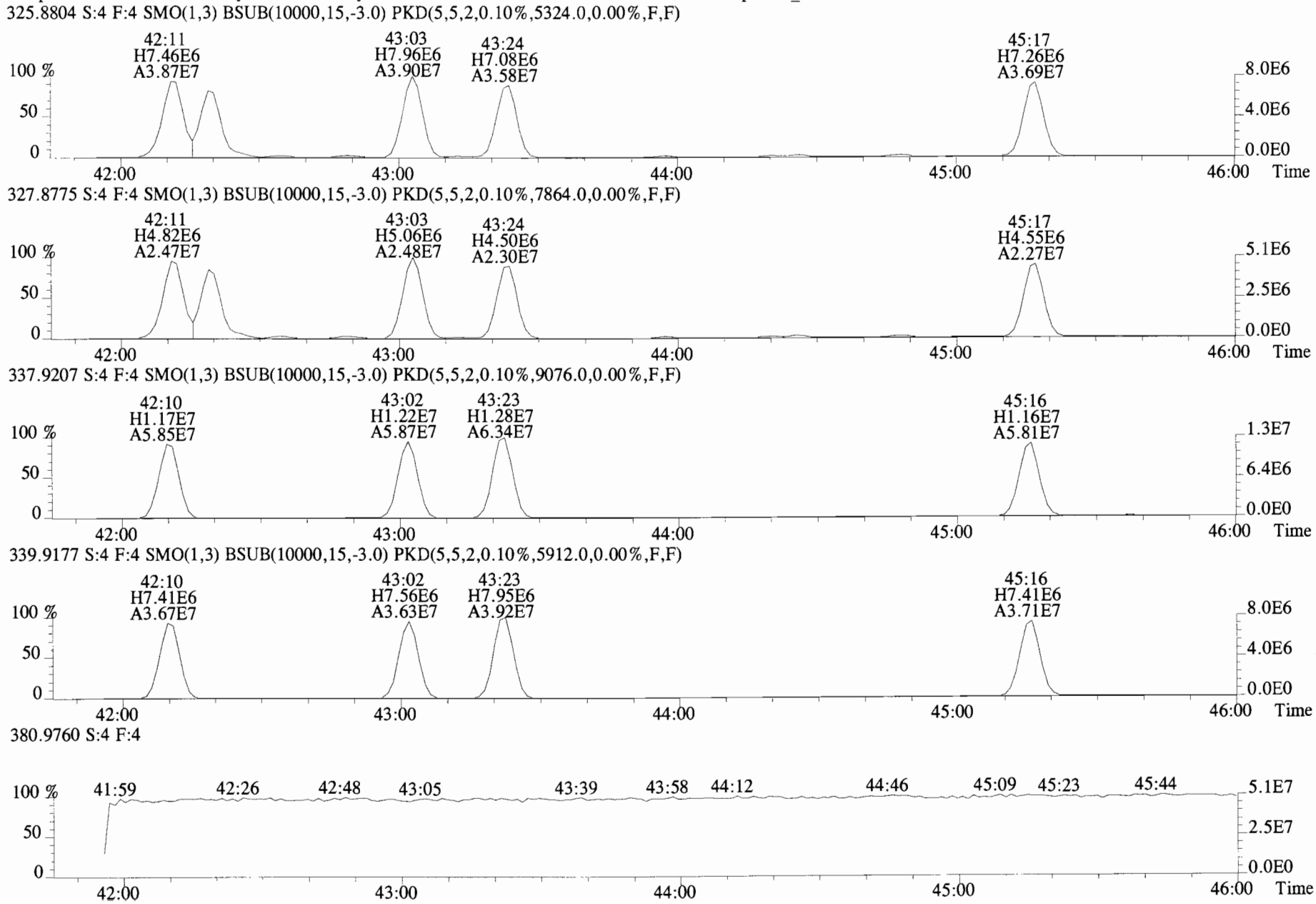
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



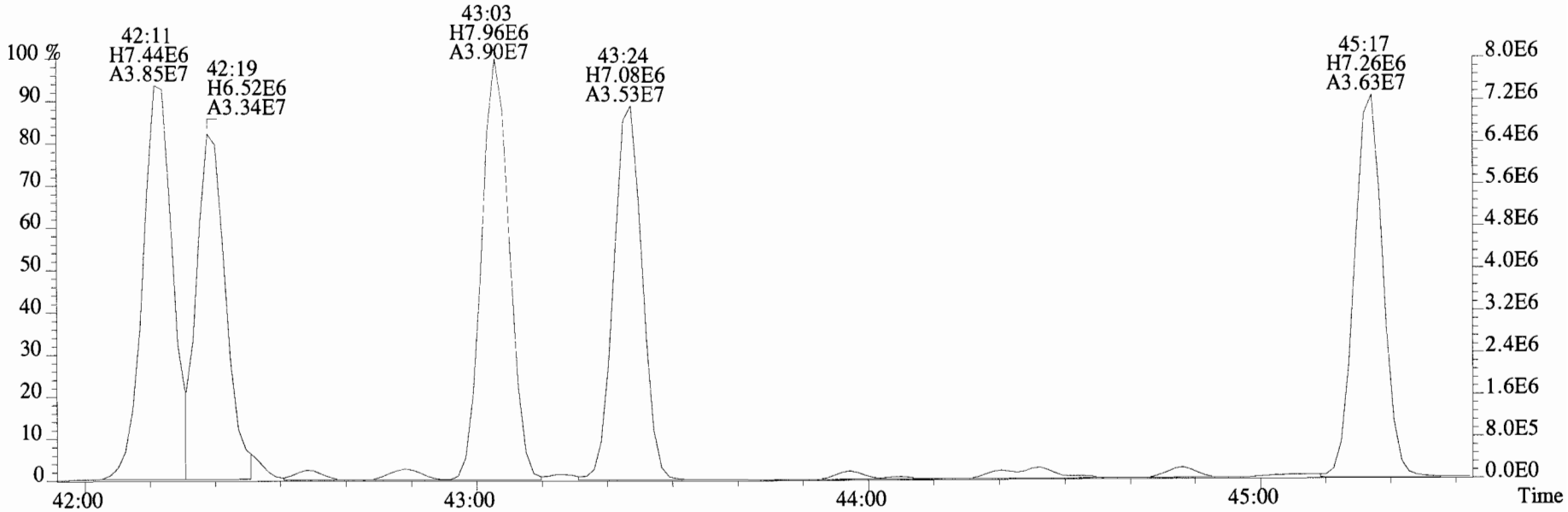
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



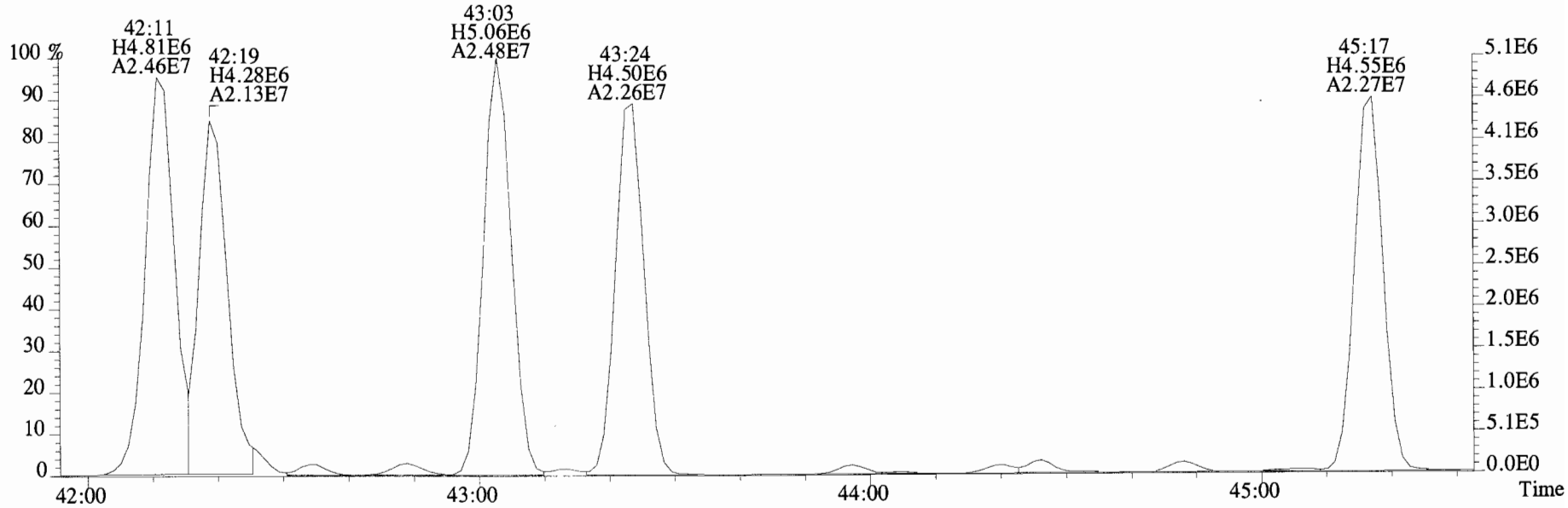
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1



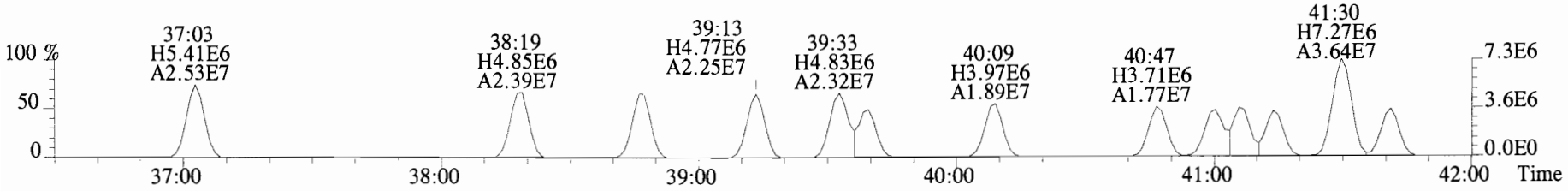
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5324.0,0.00%,F,F)



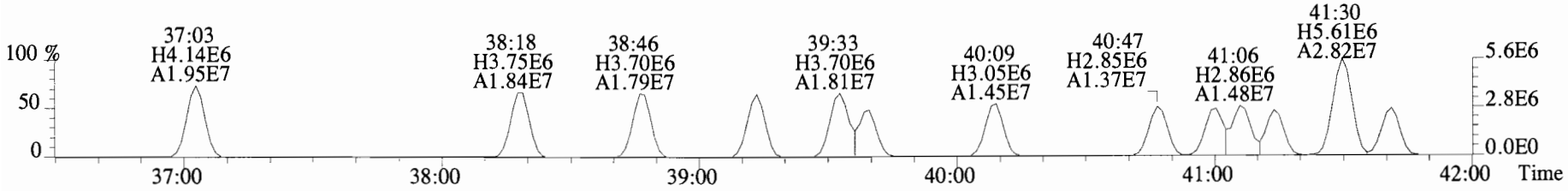
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7864.0,0.00%,F,F)



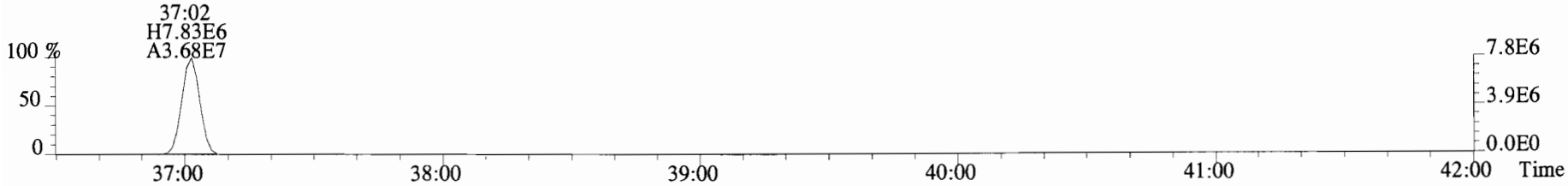
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



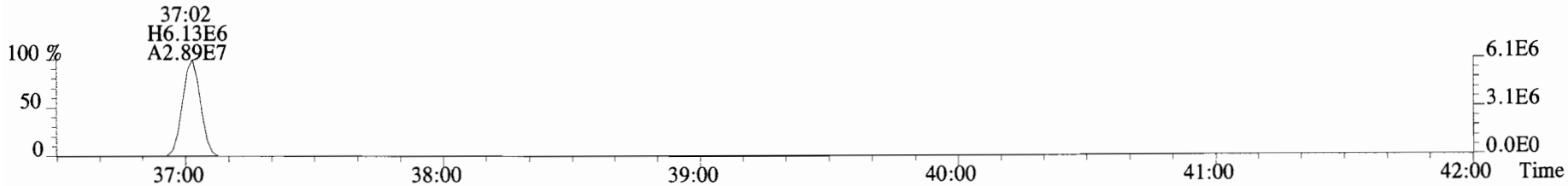
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



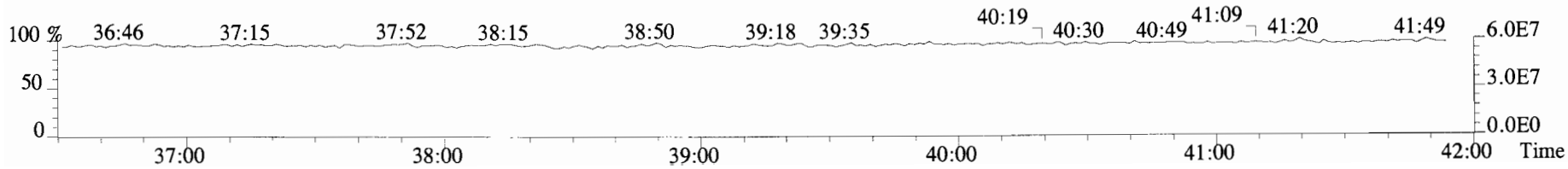
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



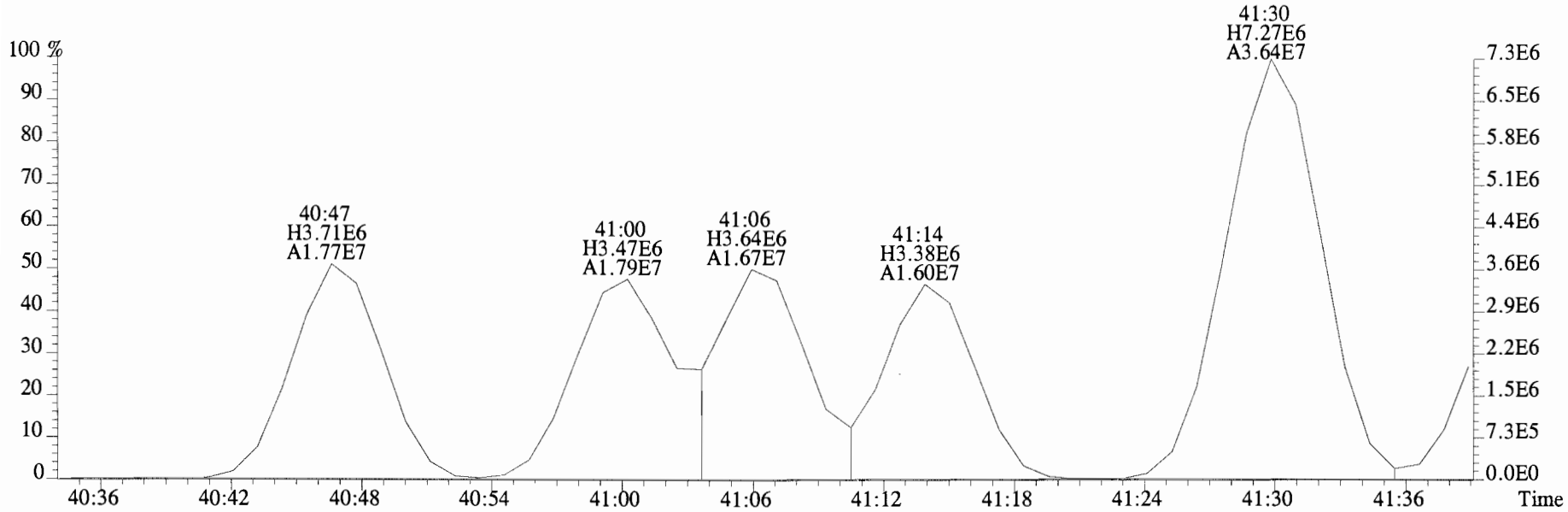
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



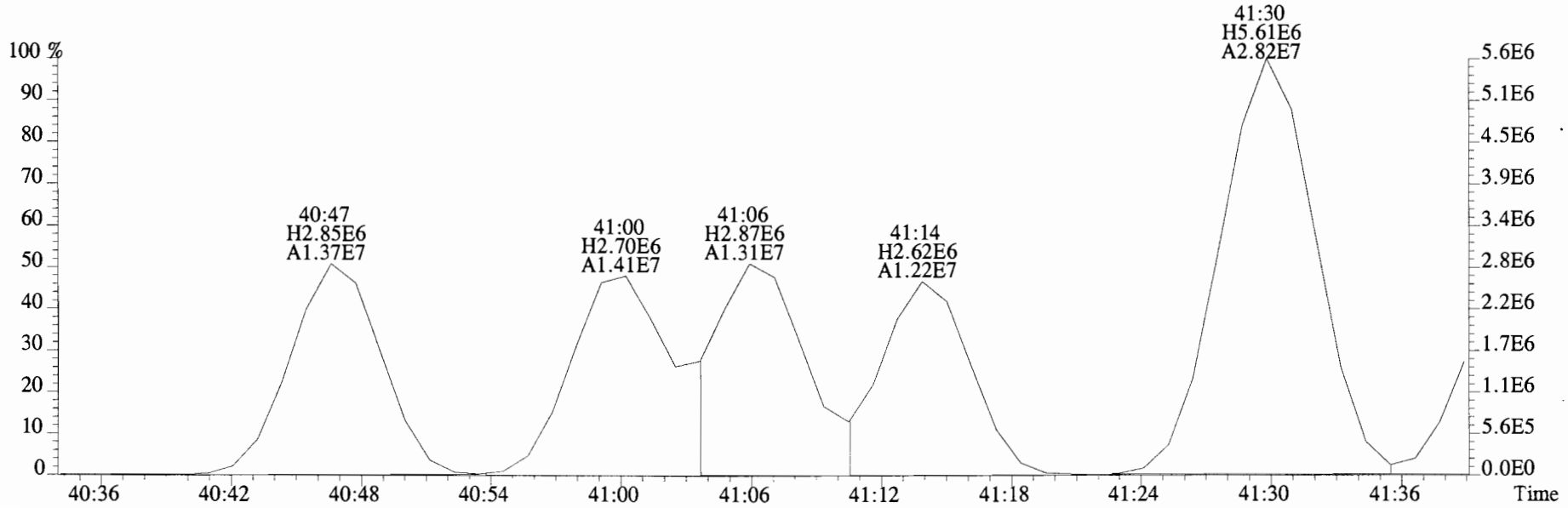
330.9792 S:4 F:3



File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)

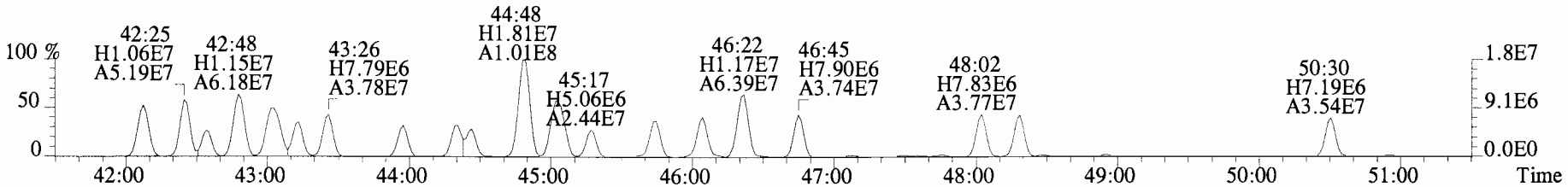


361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)

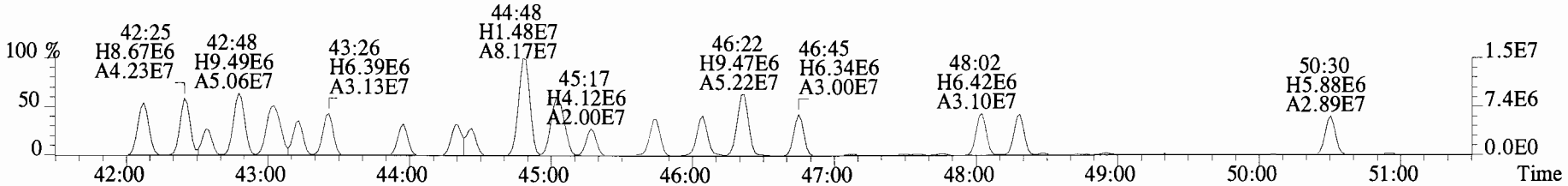


File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1

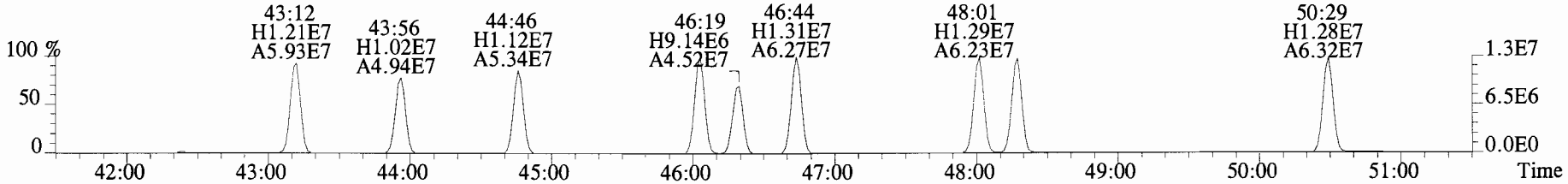
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36768.0,0.00%,F,F)



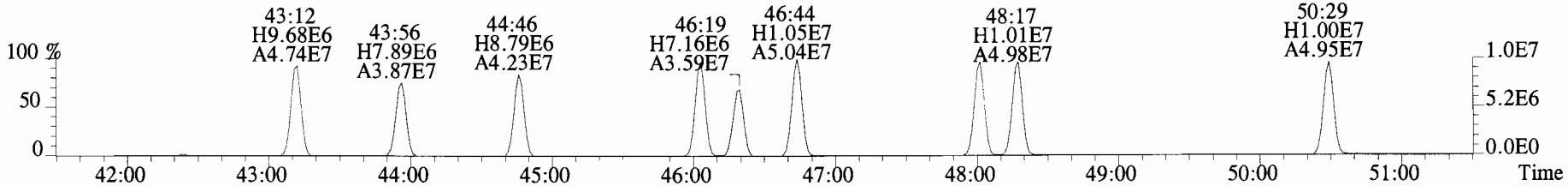
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28188.0,0.00%,F,F)



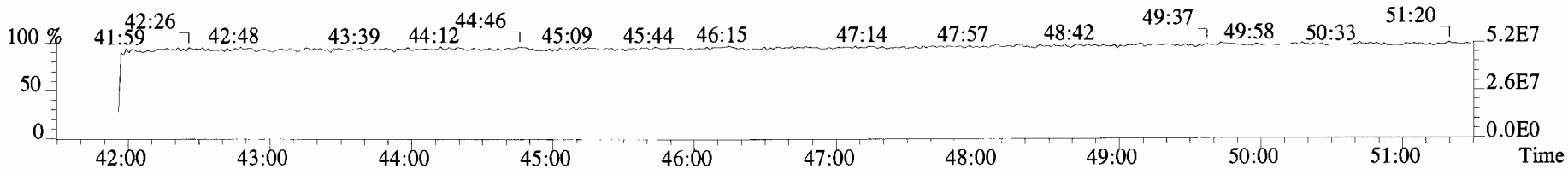
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13340.0,0.00%,F,F)



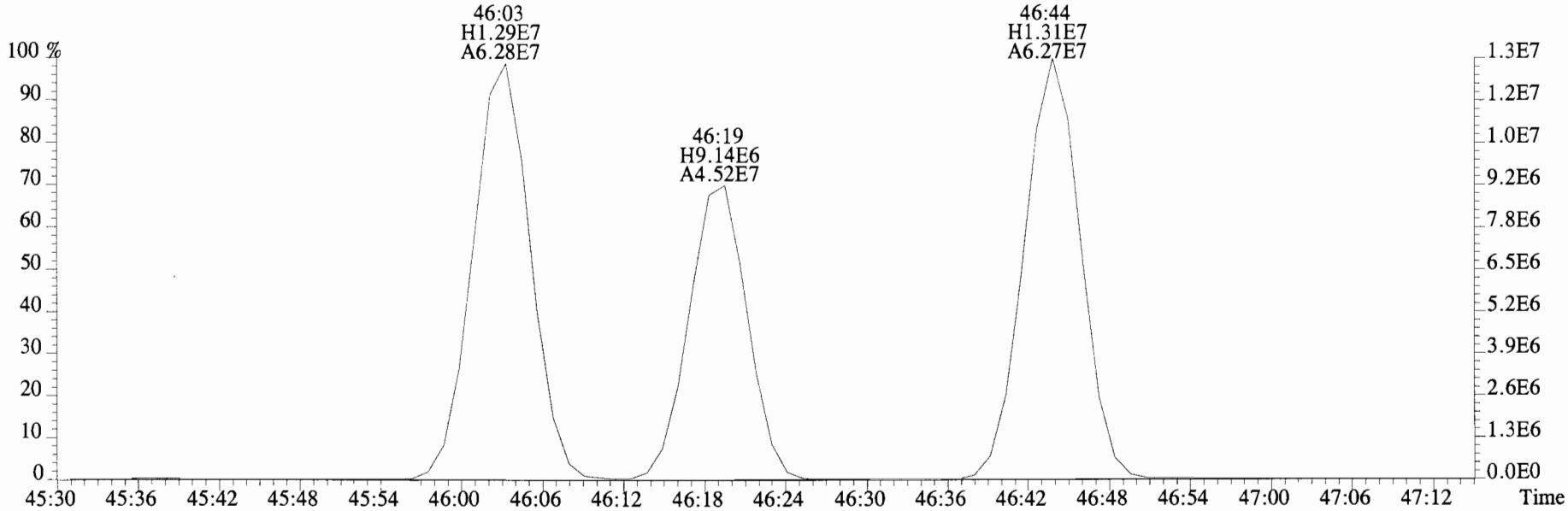
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14152.0,0.00%,F,F)



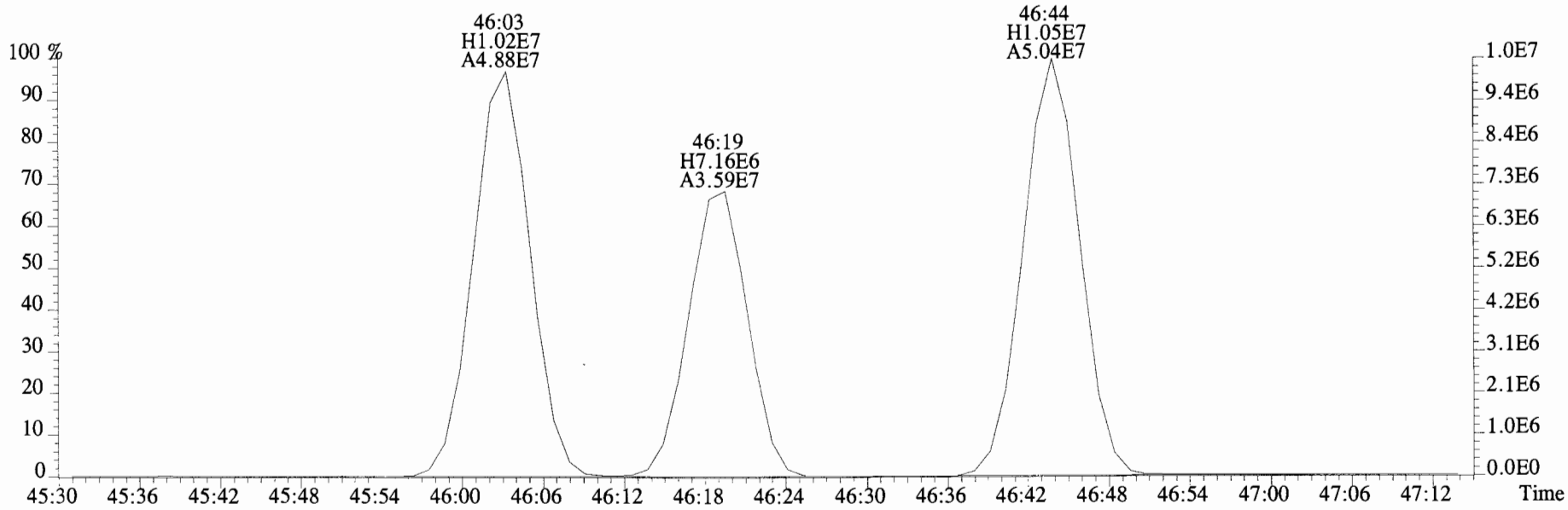
380.9760 S:4 F:4



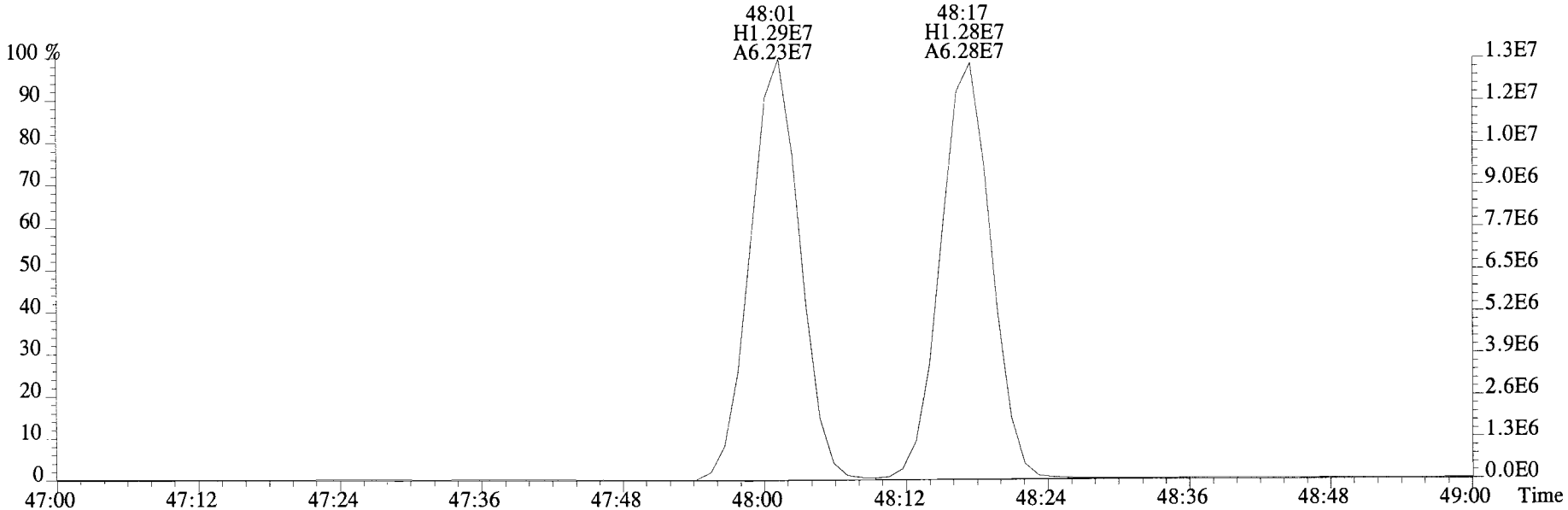
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13340.0,0.00%,F,F)



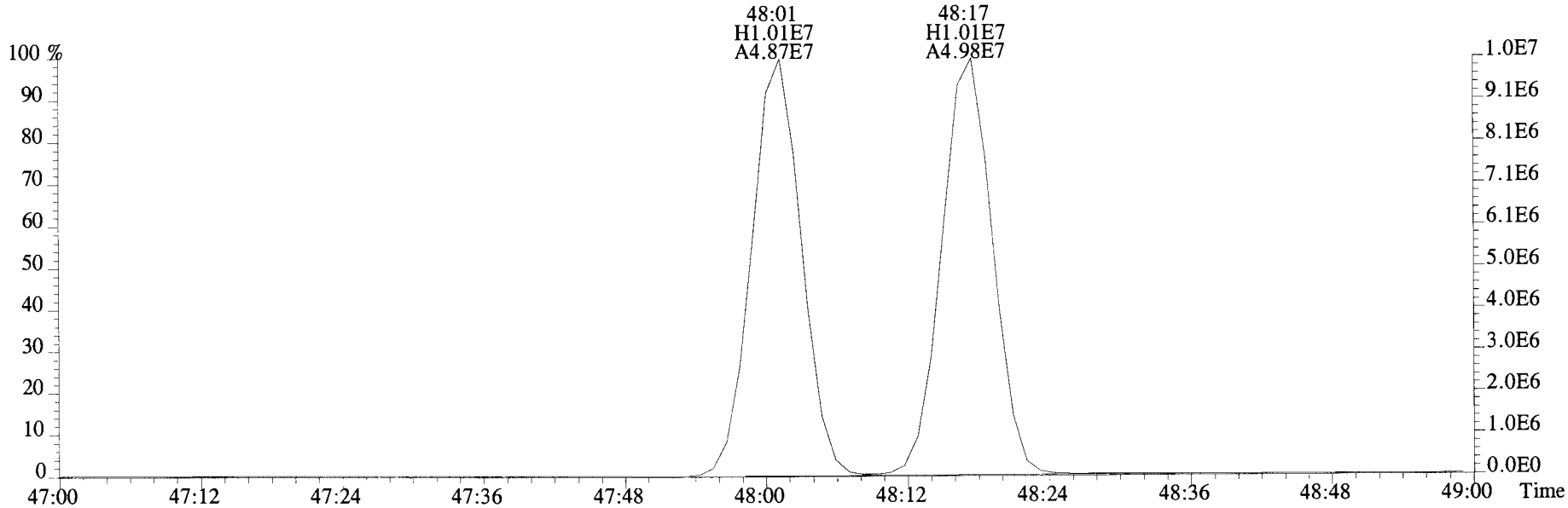
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14152.0,0.00%,F,F)



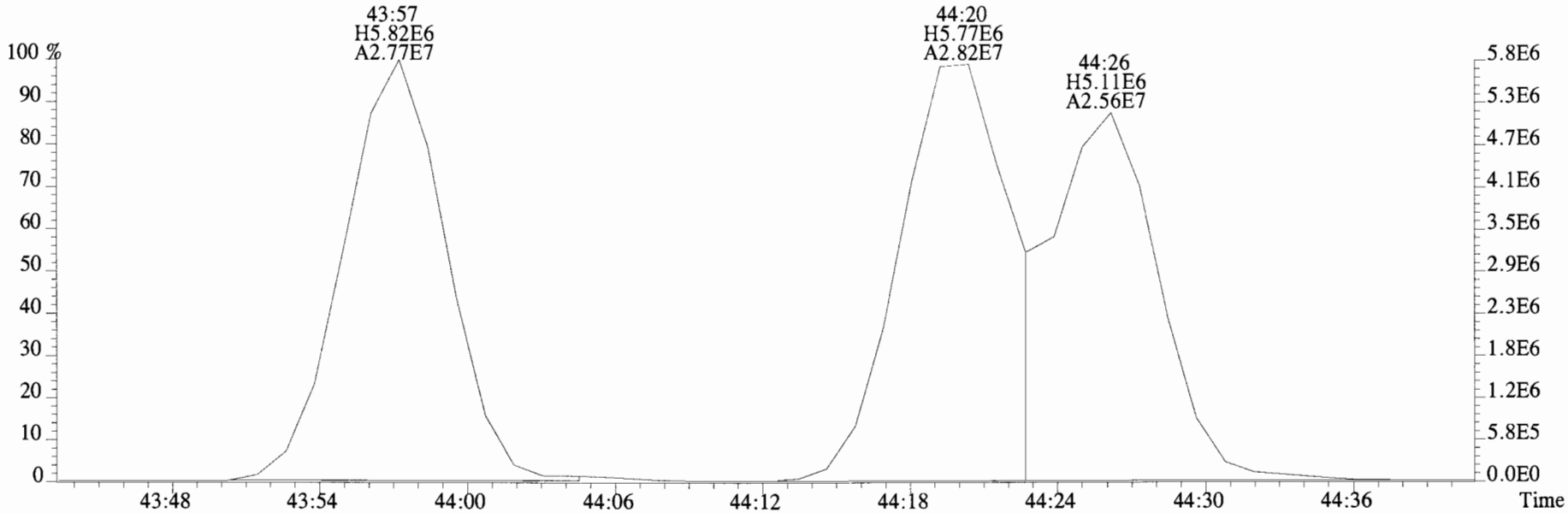
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13340.0,0.00%,F,F)



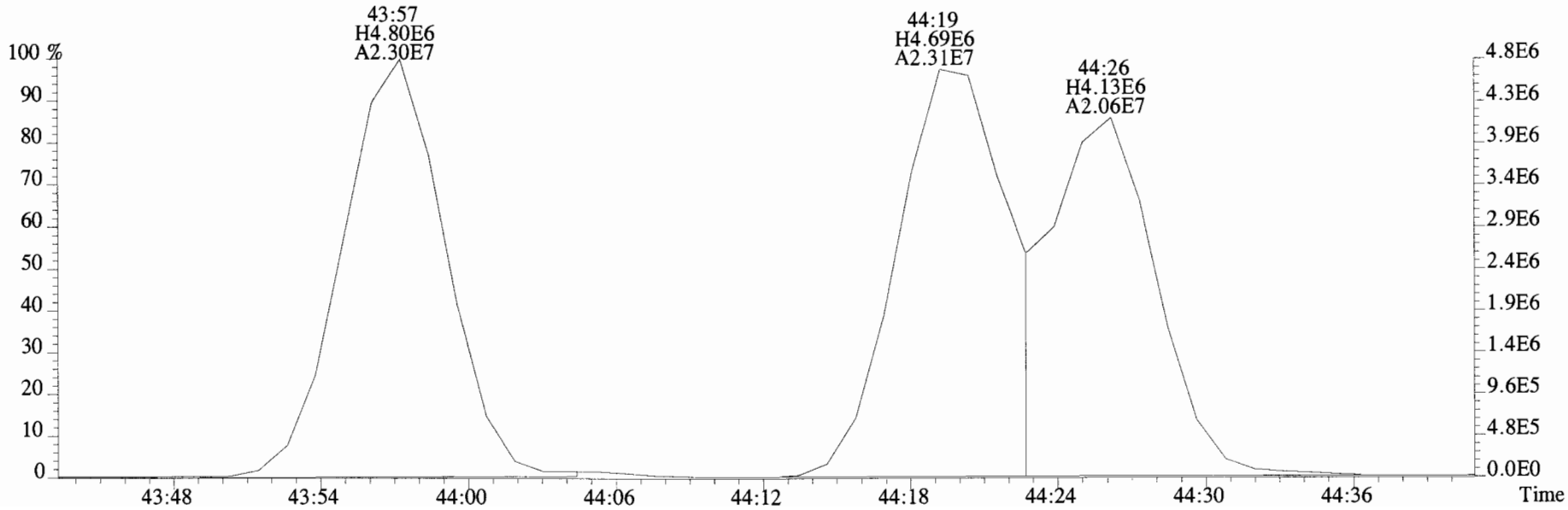
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14152.0,0.00%,F,F)



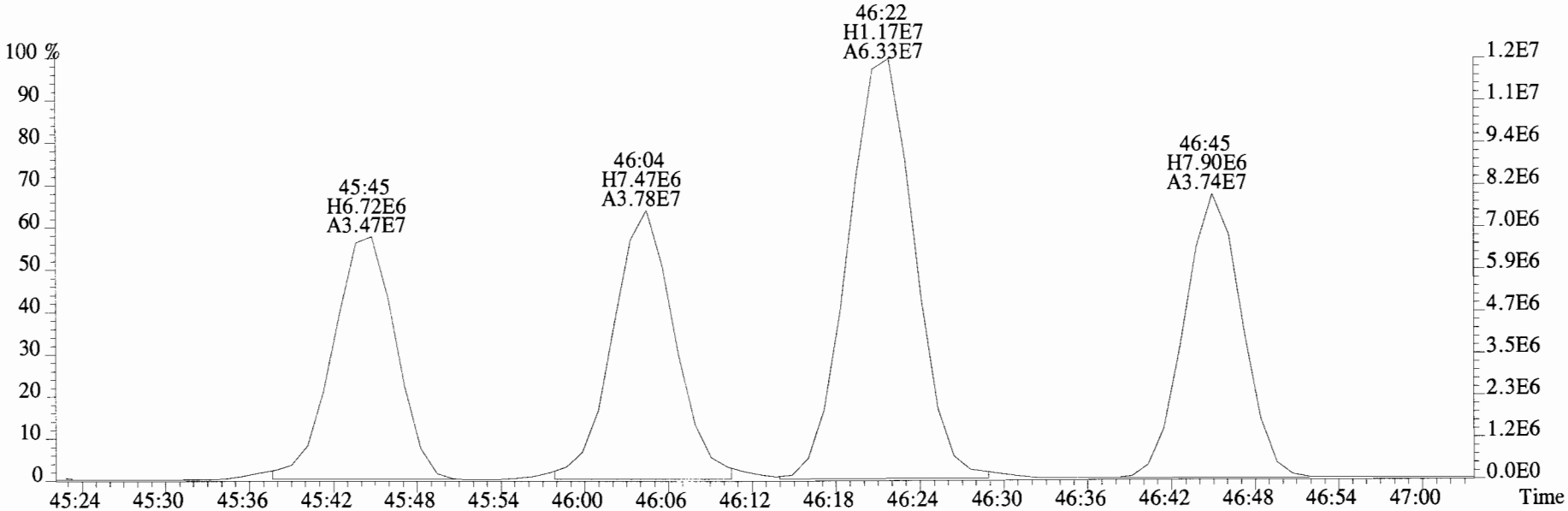
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36768.0,0.00%,F,F)



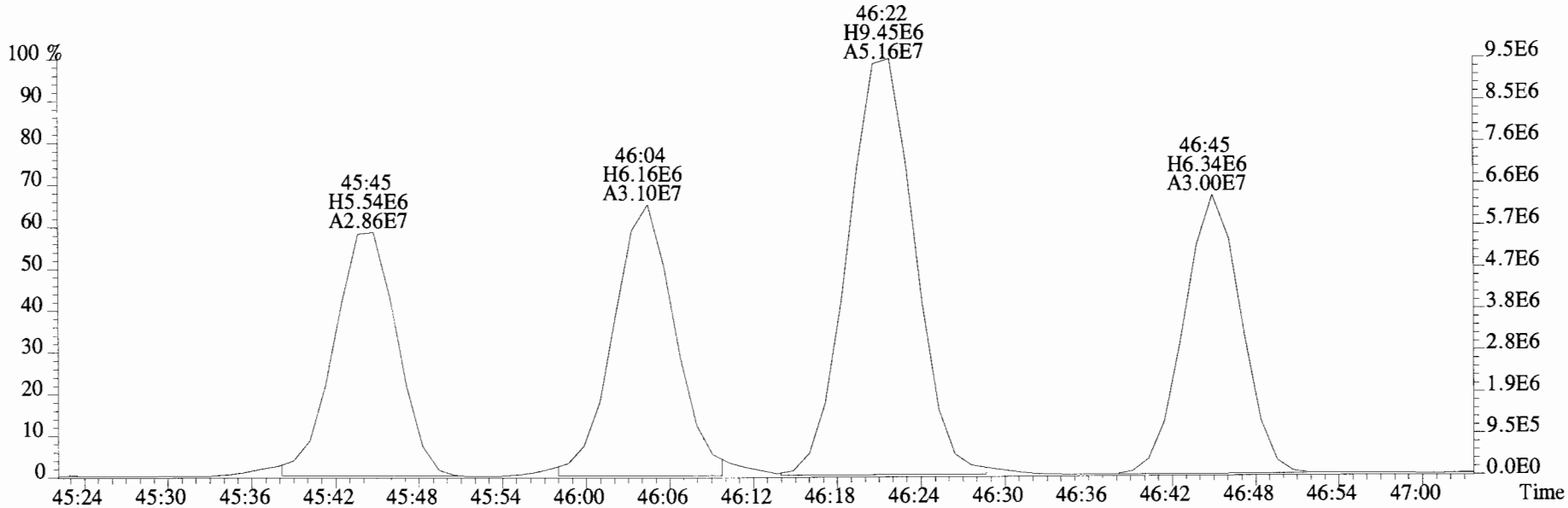
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28188.0,0.00%,F,F)



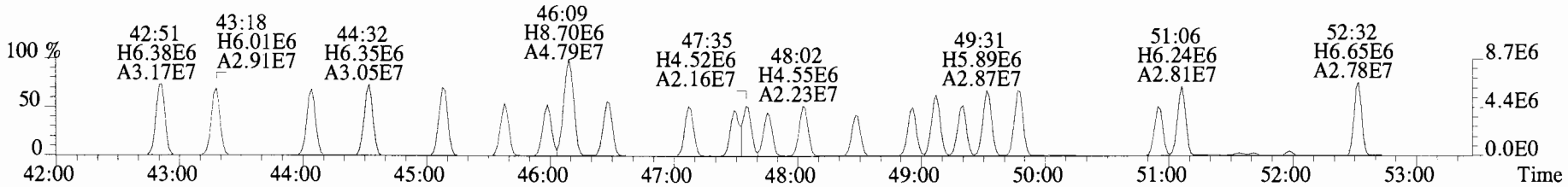
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36768.0,0.00%,F,F)



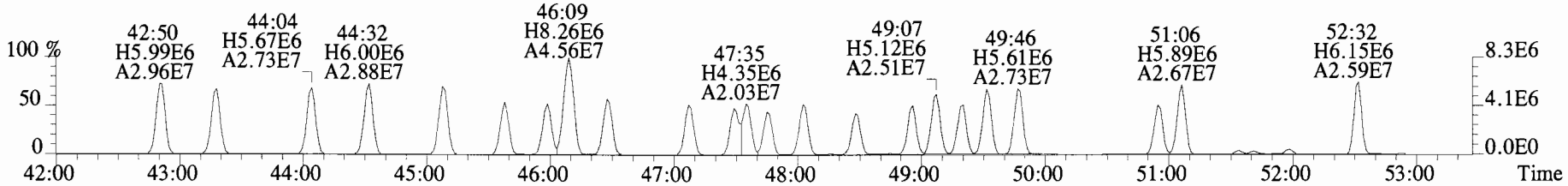
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28188.0,0.00%,F,F)



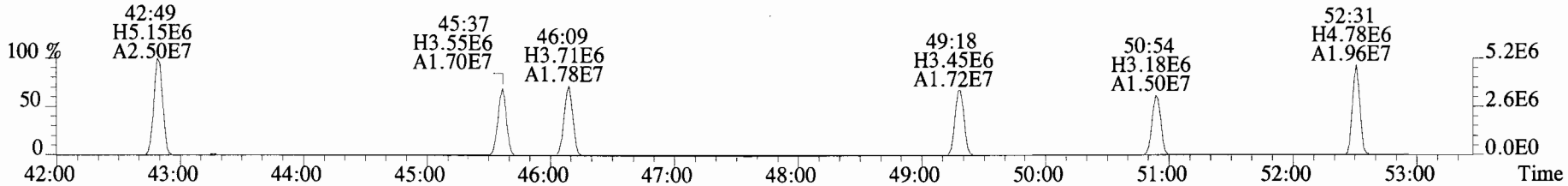
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28860.0,0.00%,F,F)



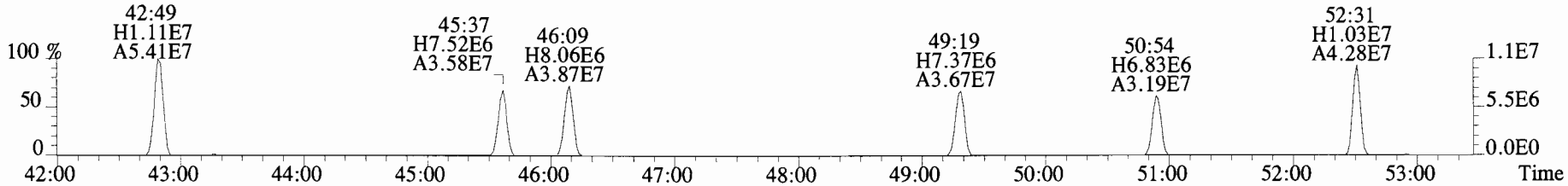
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28716.0,0.00%,F,F)



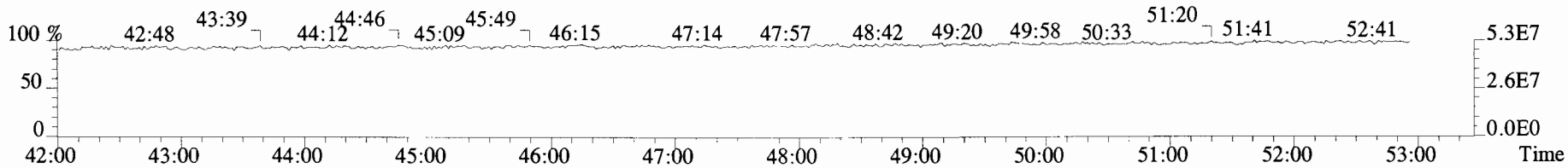
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4492.0,0.00%,F,F)



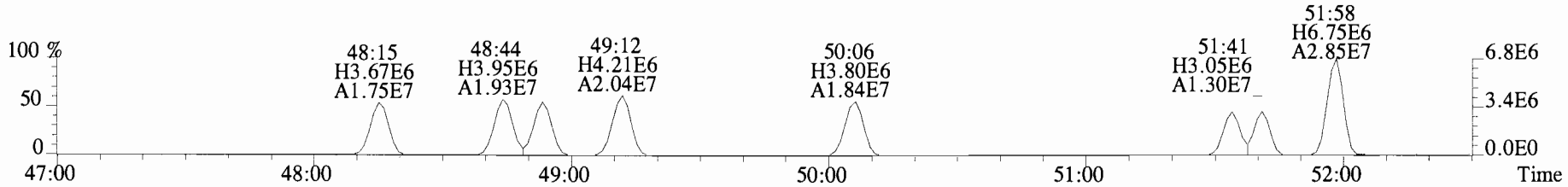
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11016.0,0.00%,F,F)



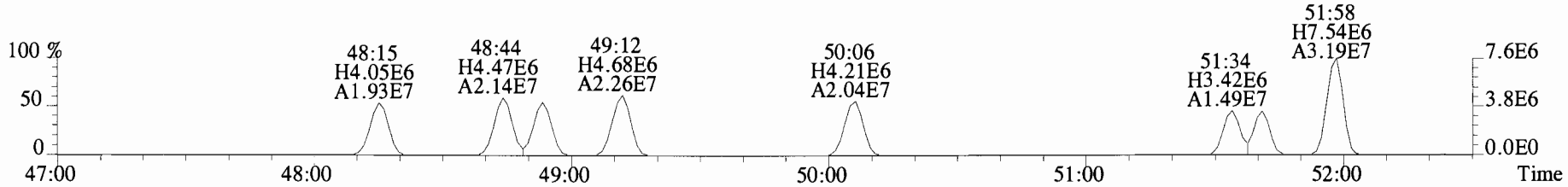
380.9760 S:4 F:4



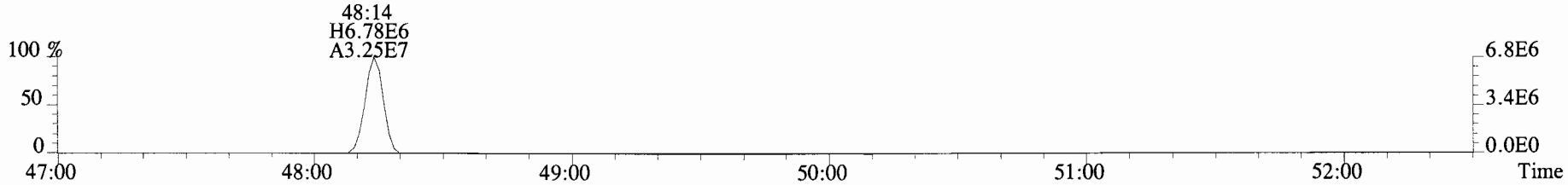
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4916.0,0.00%,F,F)



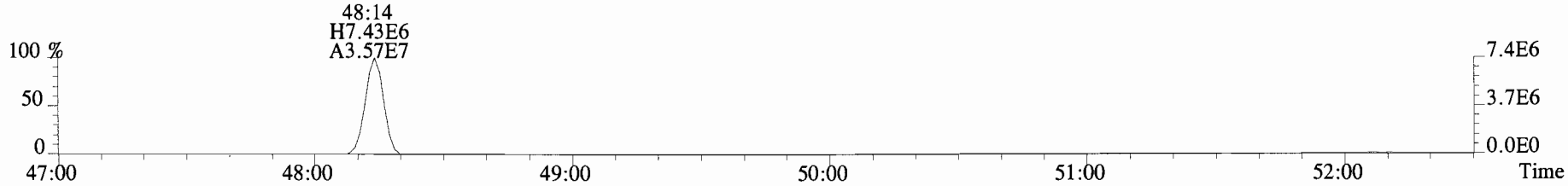
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1860.0,0.00%,F,F)



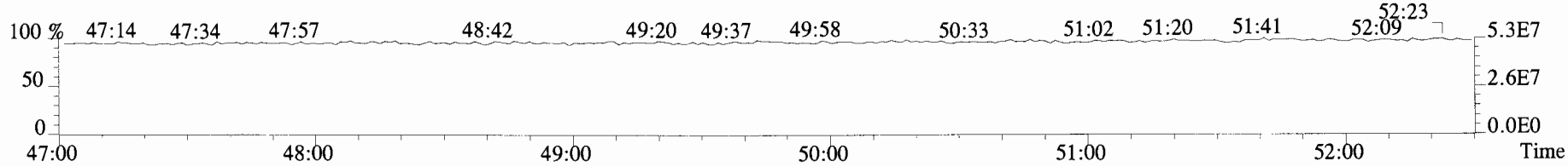
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



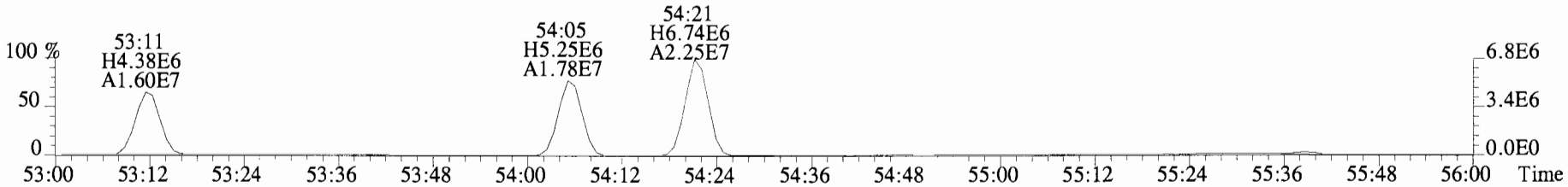
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



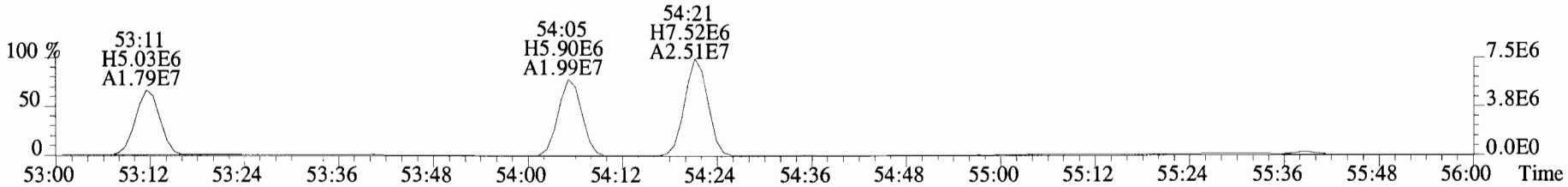
380.9760 S:4 F:4



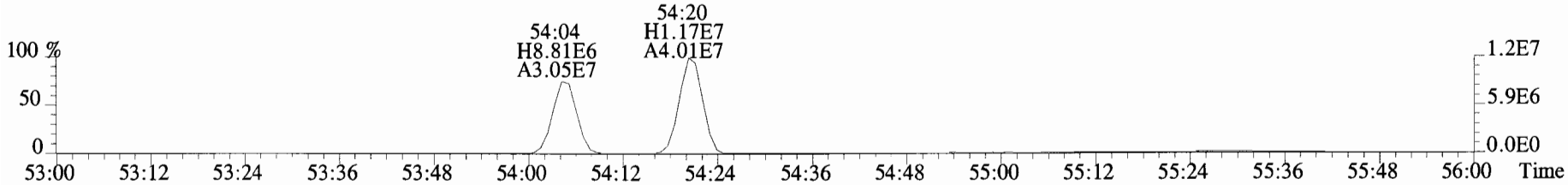
File:171027E1 #1-406 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29708.0,0.00%,F,F)



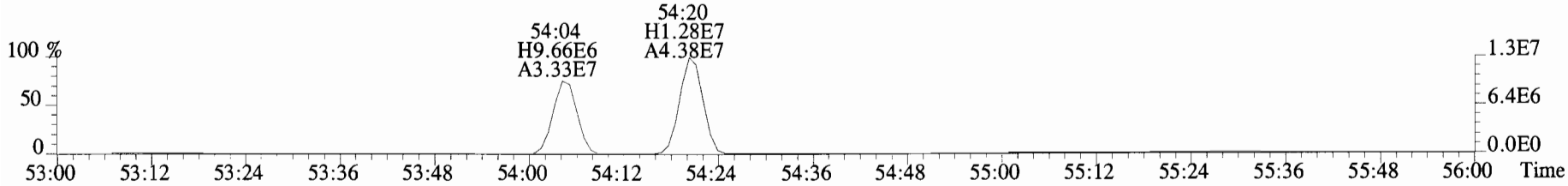
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24588.0,0.00%,F,F)



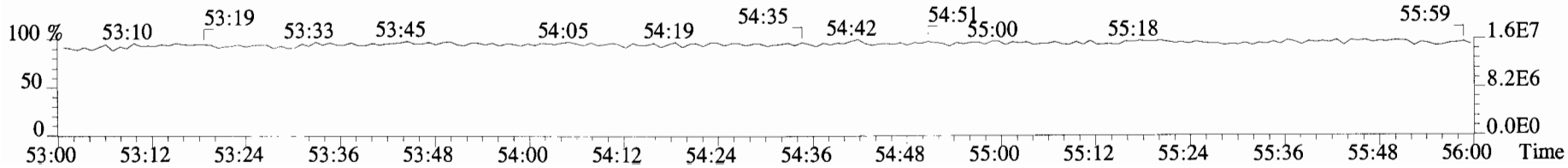
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6372.0,0.00%,F,F)



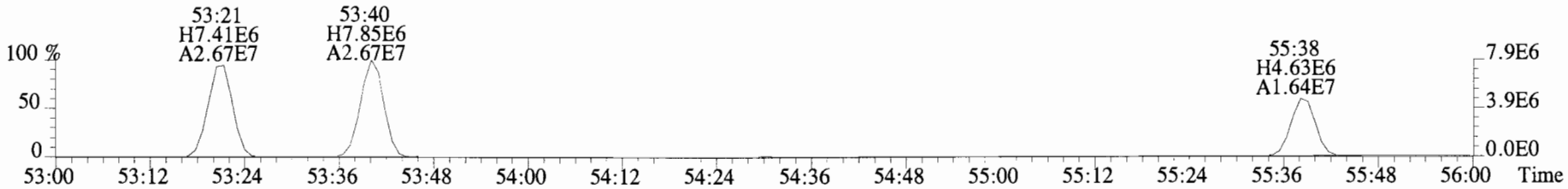
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6860.0,0.00%,F,F)



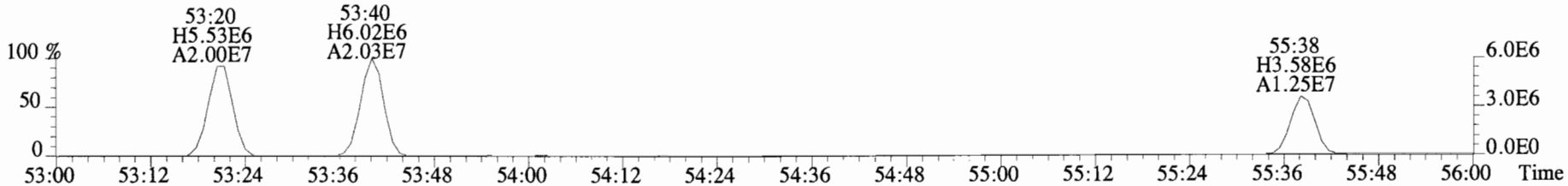
492.9697 S:4 F:5



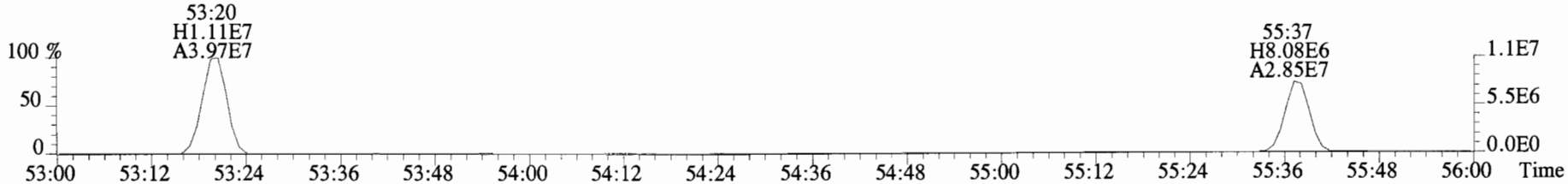
File:171027E1 #1-406 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19444.0,0.00%,F,F)



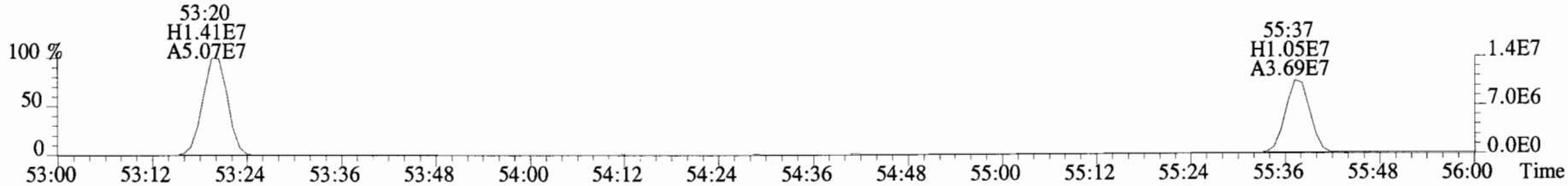
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14848.0,0.00%,F,F)



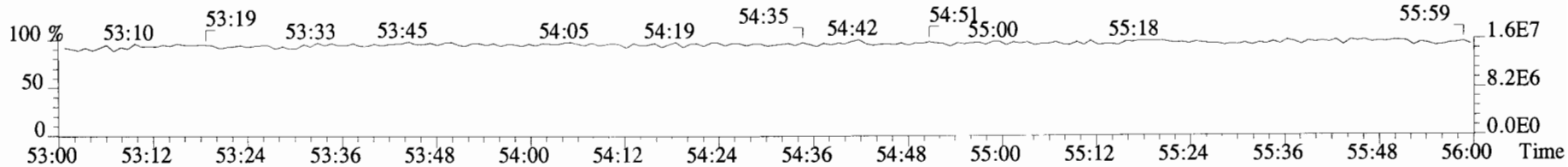
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31260.0,0.00%,F,F)



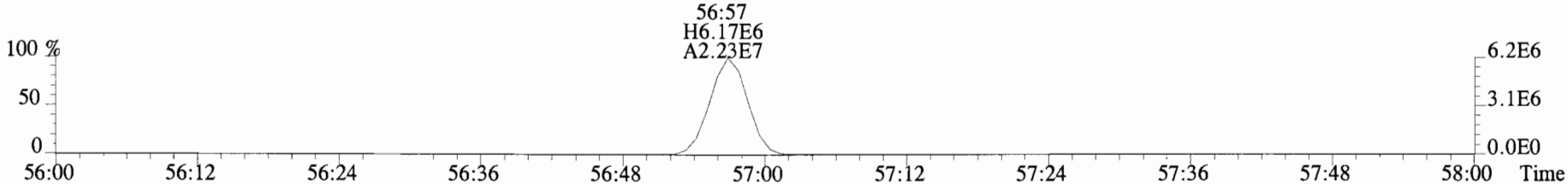
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35888.0,0.00%,F,F)



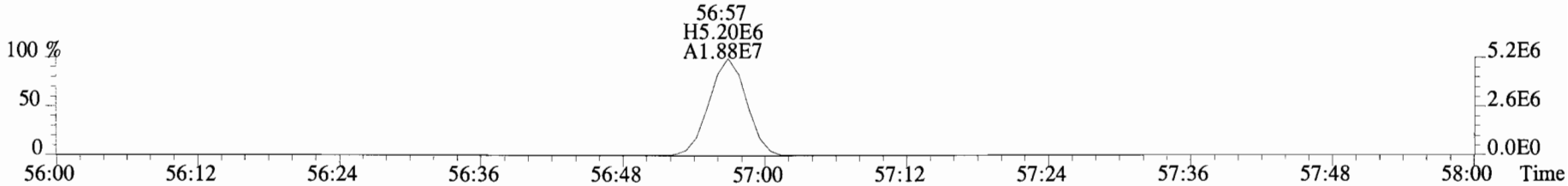
492.9697 S:4 F:5



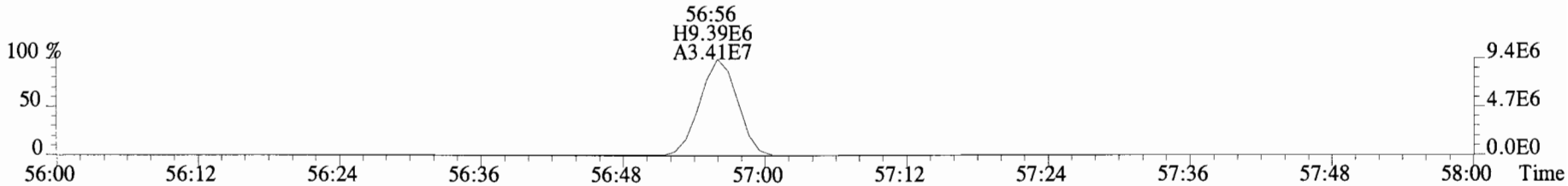
File:171027E1 #1-406 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1352.0,0.00%,F,F)



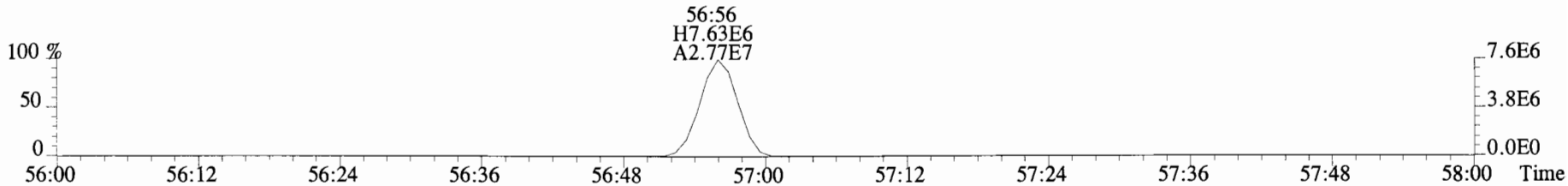
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1348.0,0.00%,F,F)



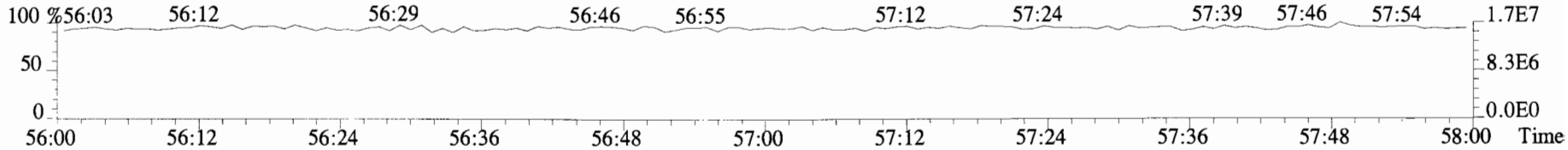
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1360.0,0.00%,F,F)

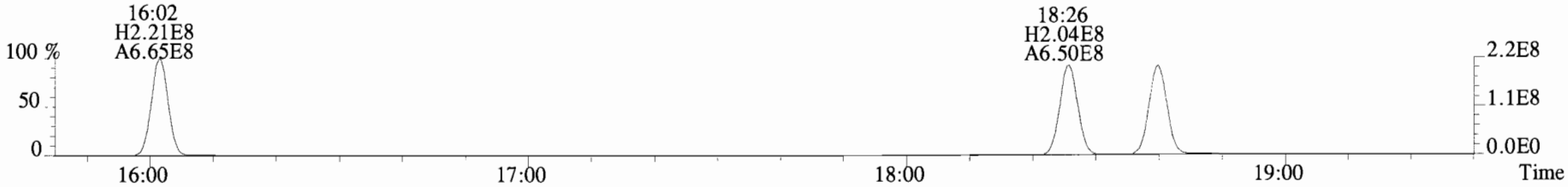


492.9697 S:4 F:5

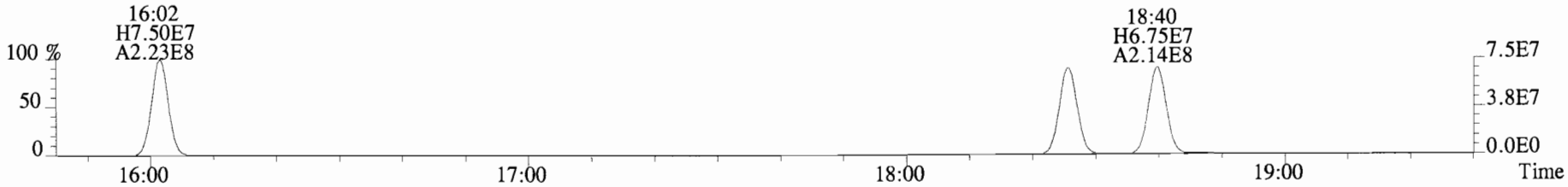


File:171027E1 #1-867 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

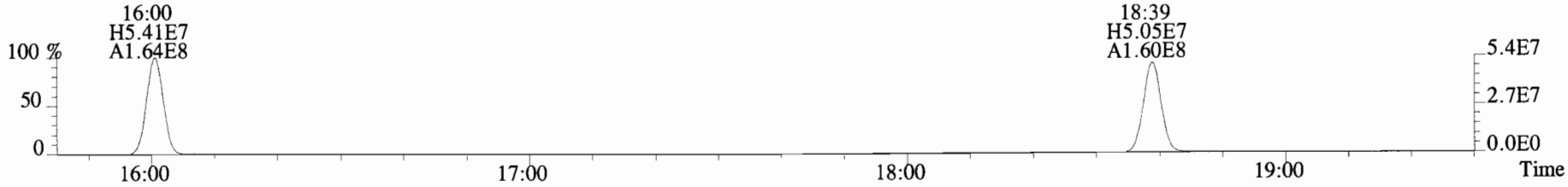
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9916.0,0.00%,F,F)



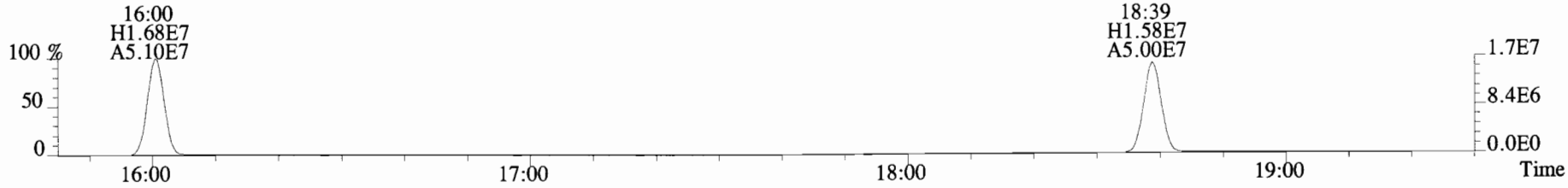
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7980.0,0.00%,F,F)



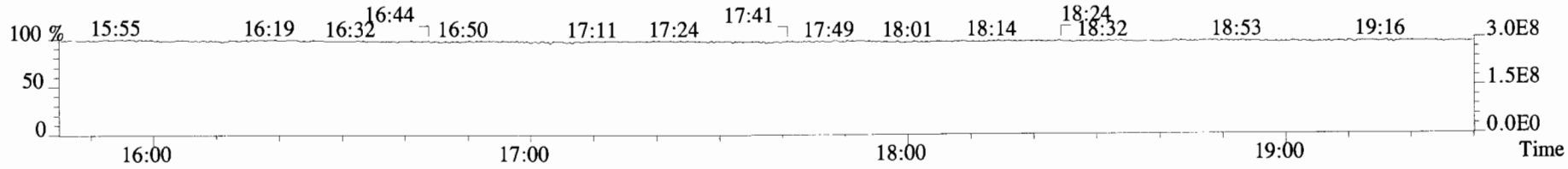
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8024.0,0.00%,F,F)



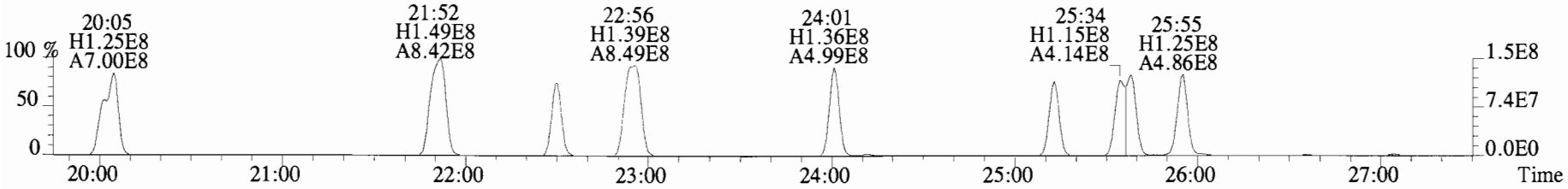
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14028.0,0.00%,F,F)



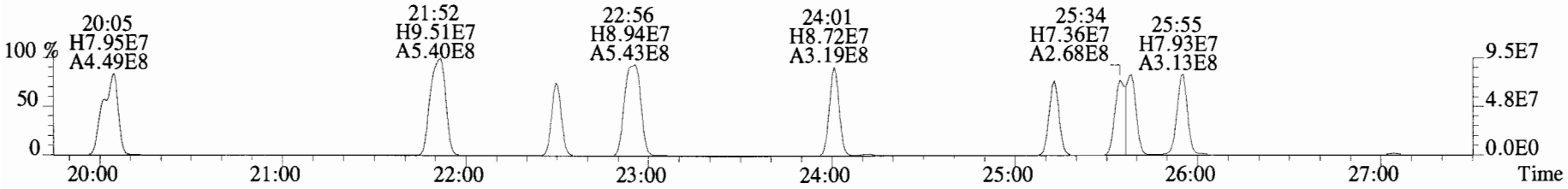
180.9880 S:5



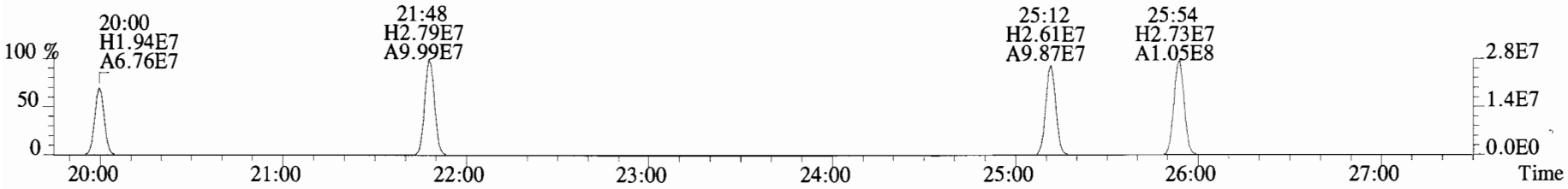
File:171027E1 #1-757 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46320.0,0.00%,F,F)



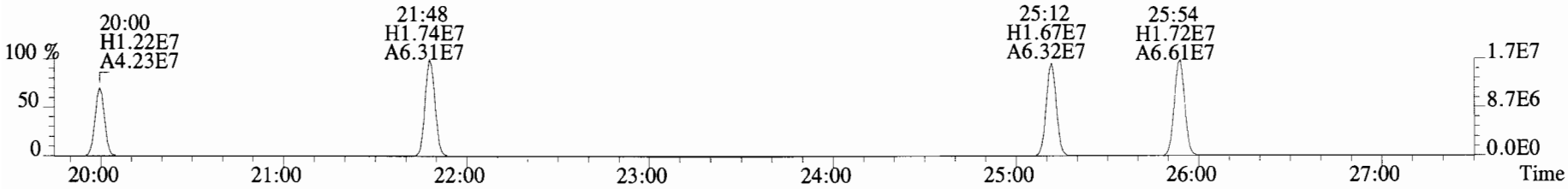
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43324.0,0.00%,F,F)



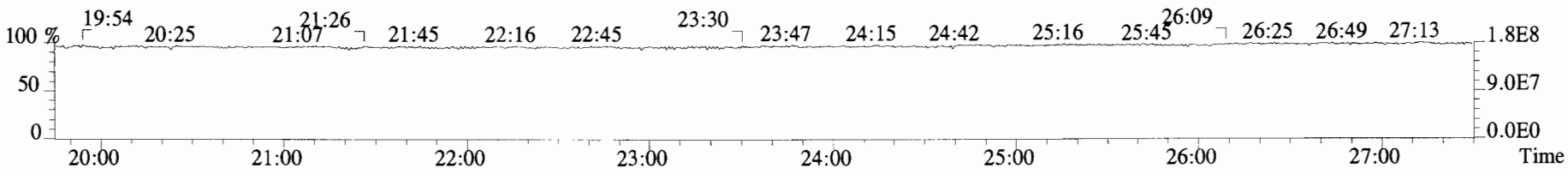
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4756.0,0.00%,F,F)



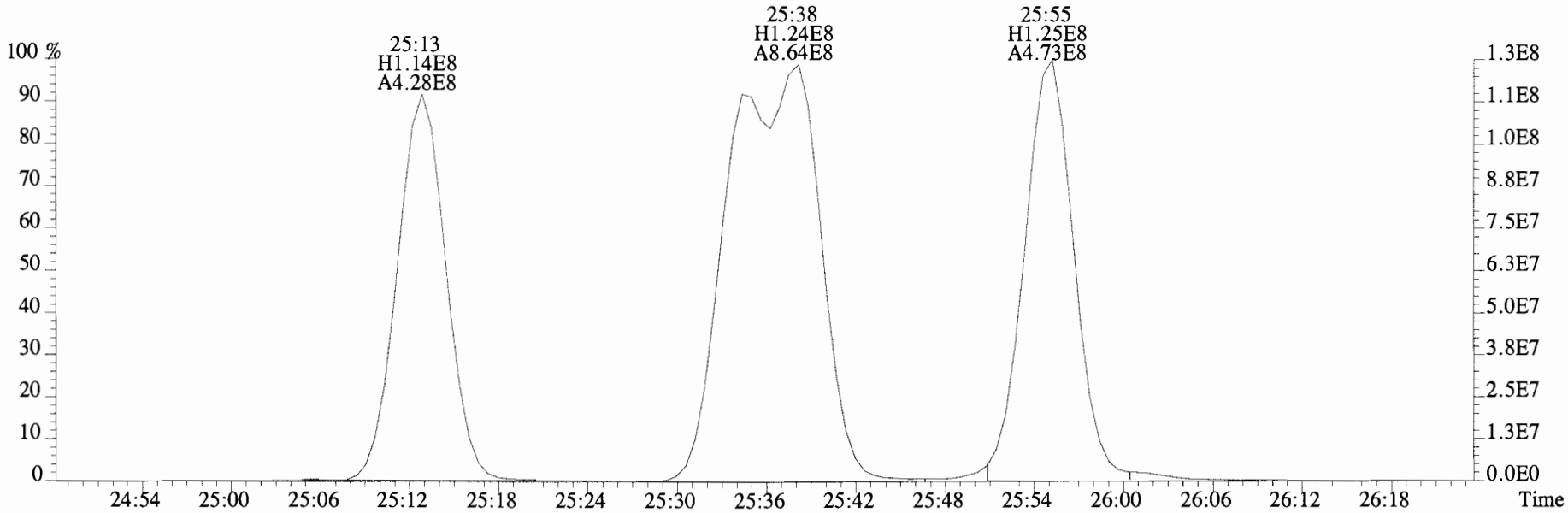
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3576.0,0.00%,F,F)



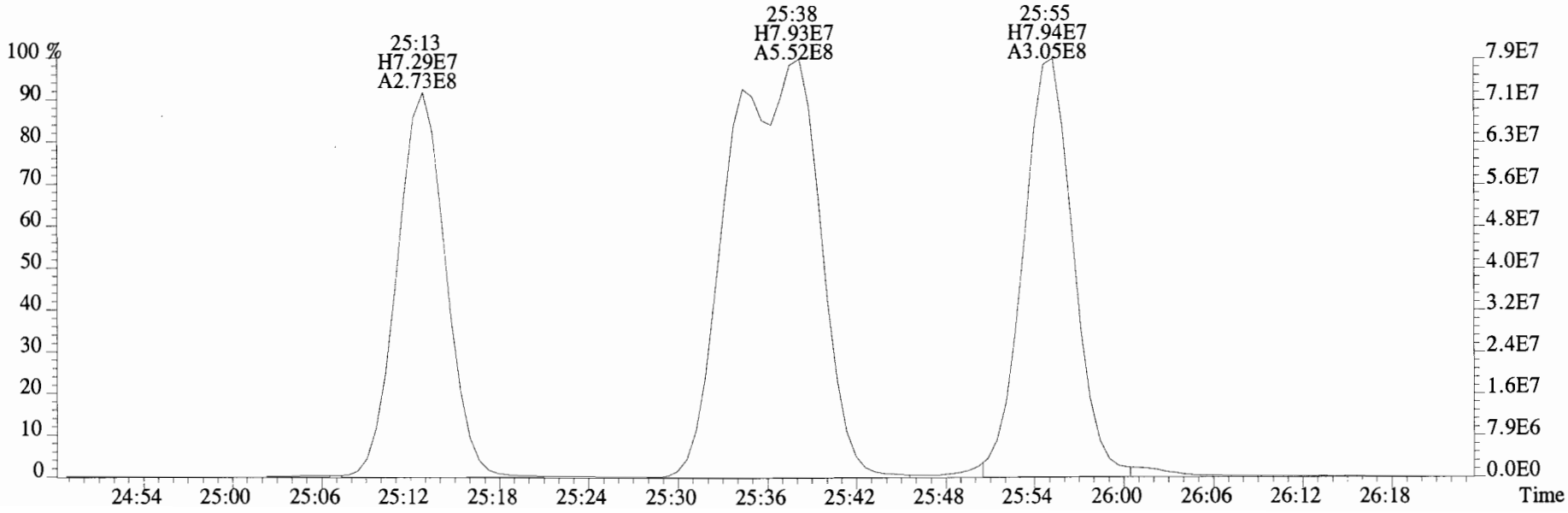
230.9856 S:5 F:2



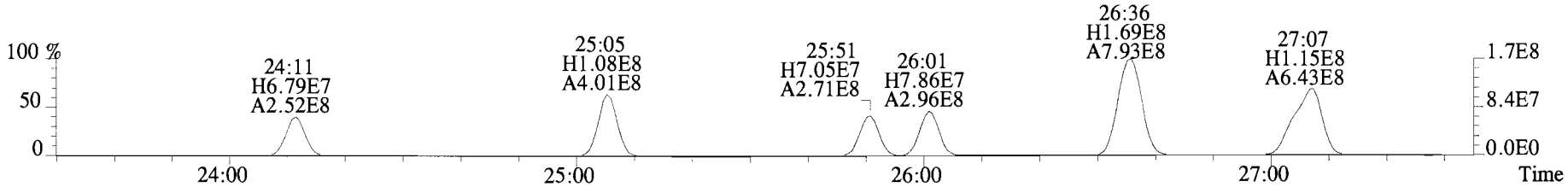
File:171027E1 #1-757 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46320.0,0.00%,F,F)



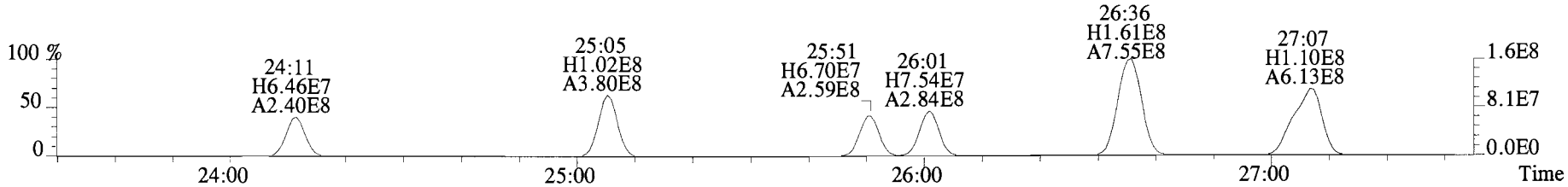
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43324.0,0.00%,F,F)



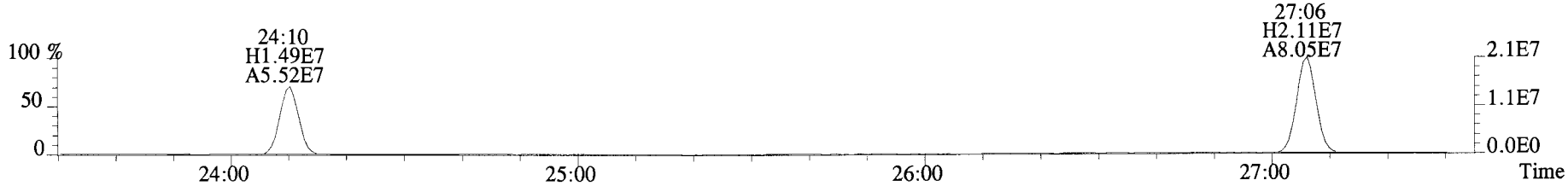
File:171027E1 #1-757 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3720.0,0.00%,F,F)



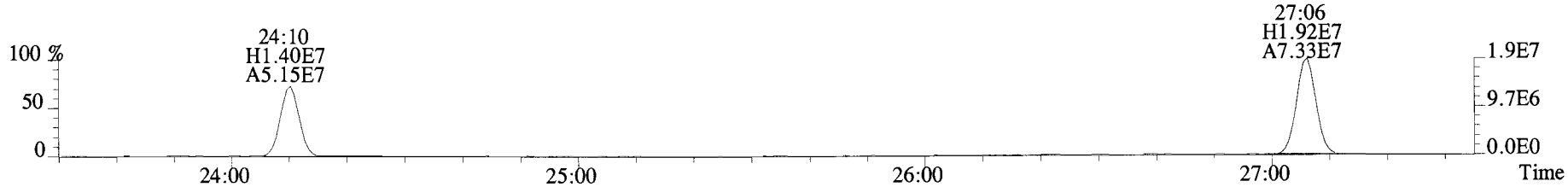
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2244.0,0.00%,F,F)



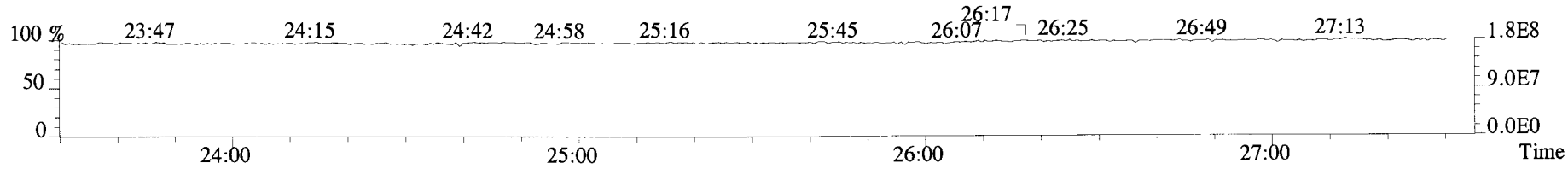
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,109412.0,0.00%,F,F)



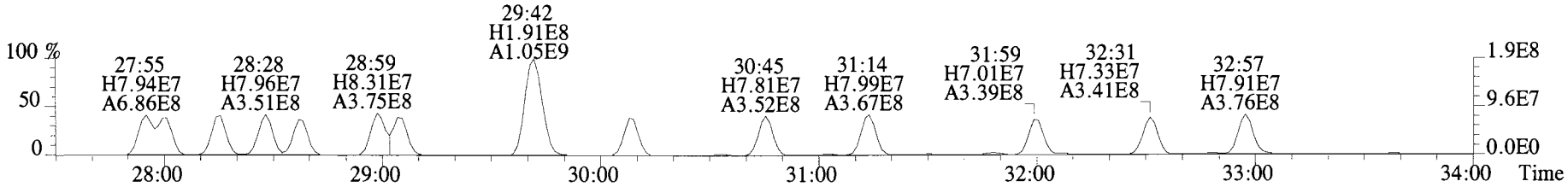
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65840.0,0.00%,F,F)



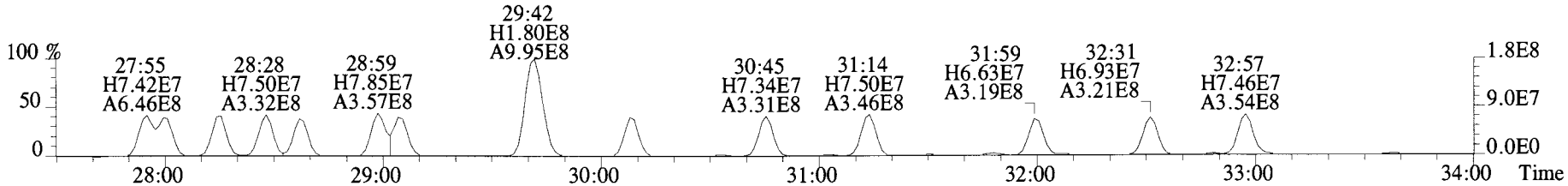
230.9856 S:5 F:2



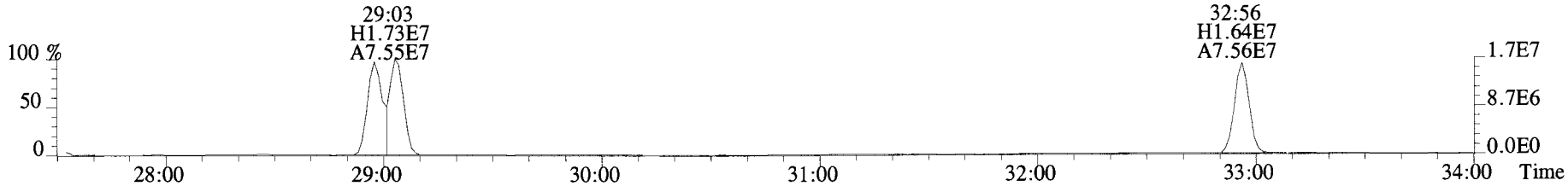
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,97276.0,0.00%,F,F)



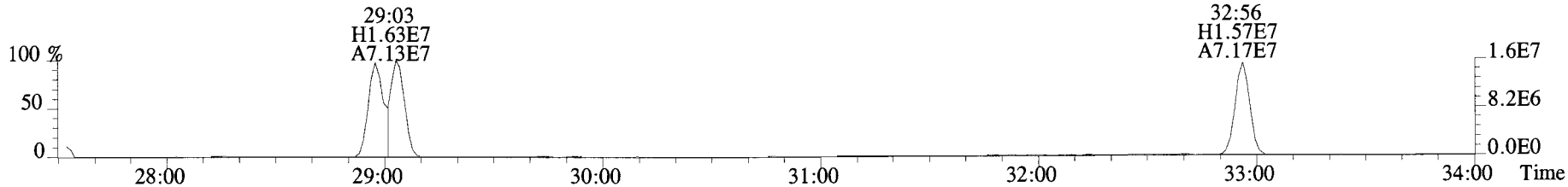
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105536.0,0.00%,F,F)



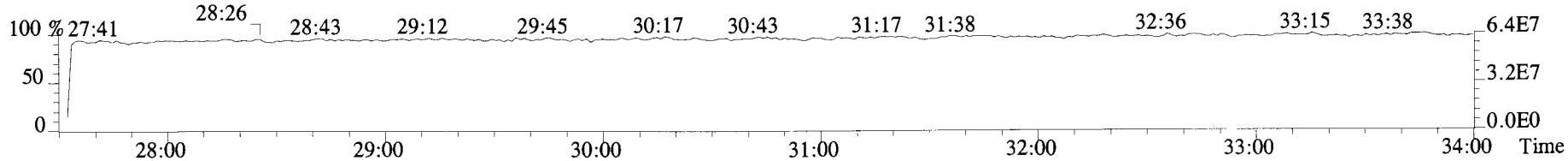
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99832.0,0.00%,F,F)



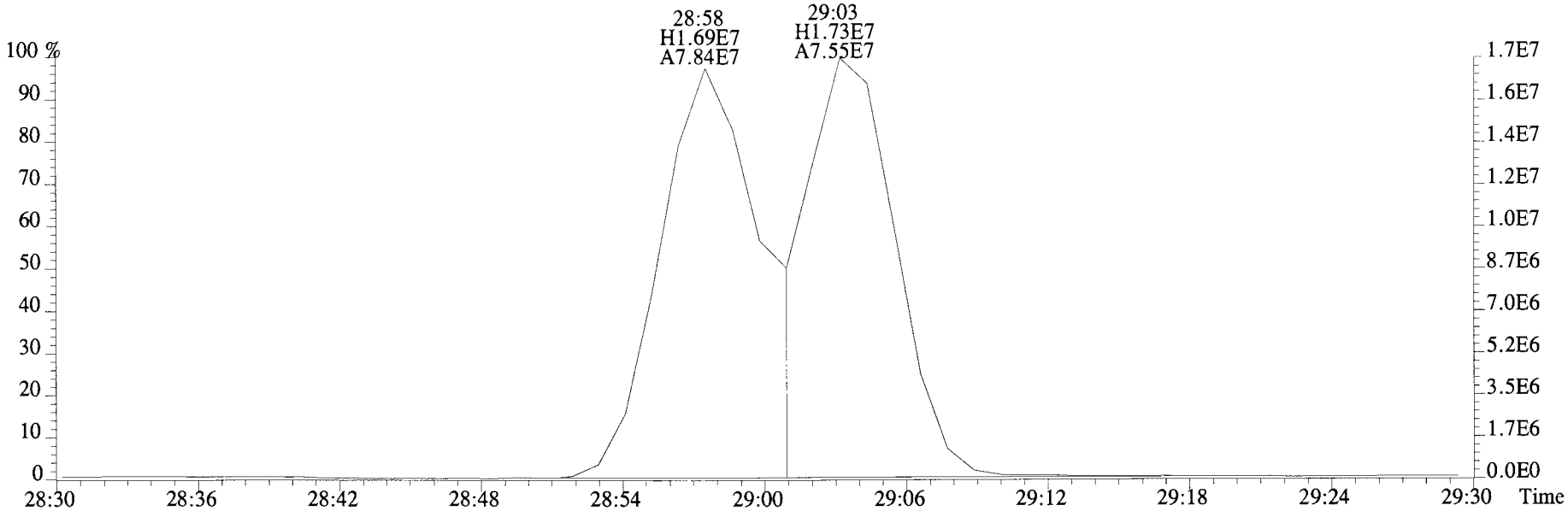
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,54924.0,0.00%,F,F)



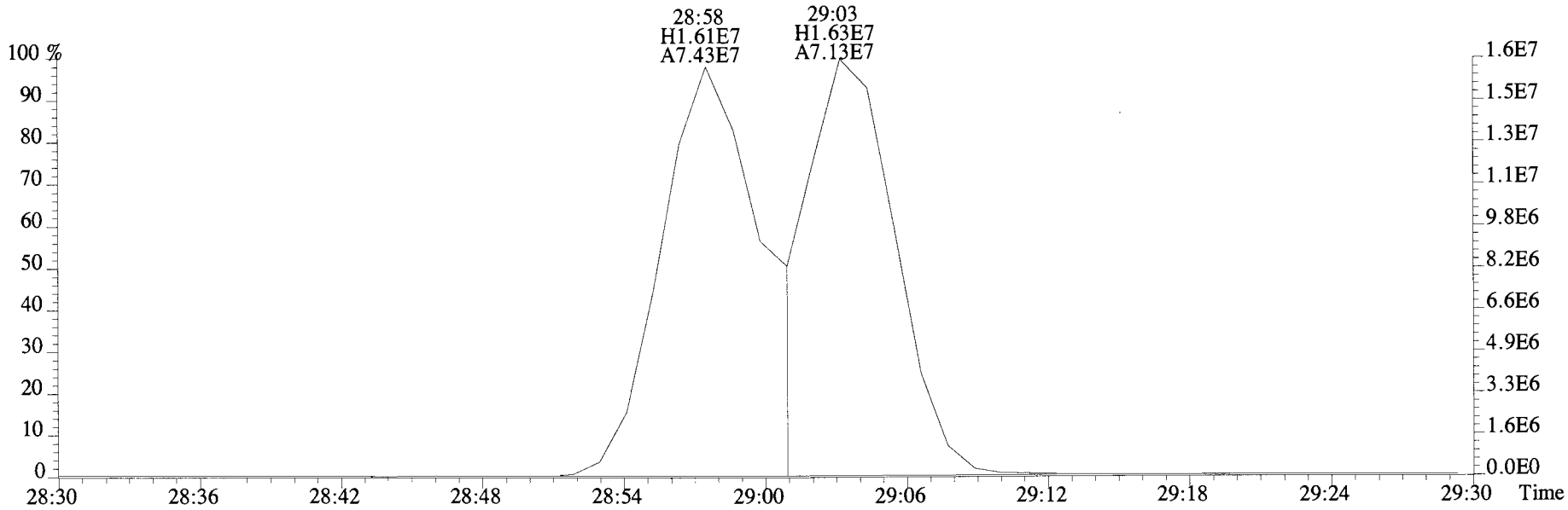
330.9792 S:5 F:3



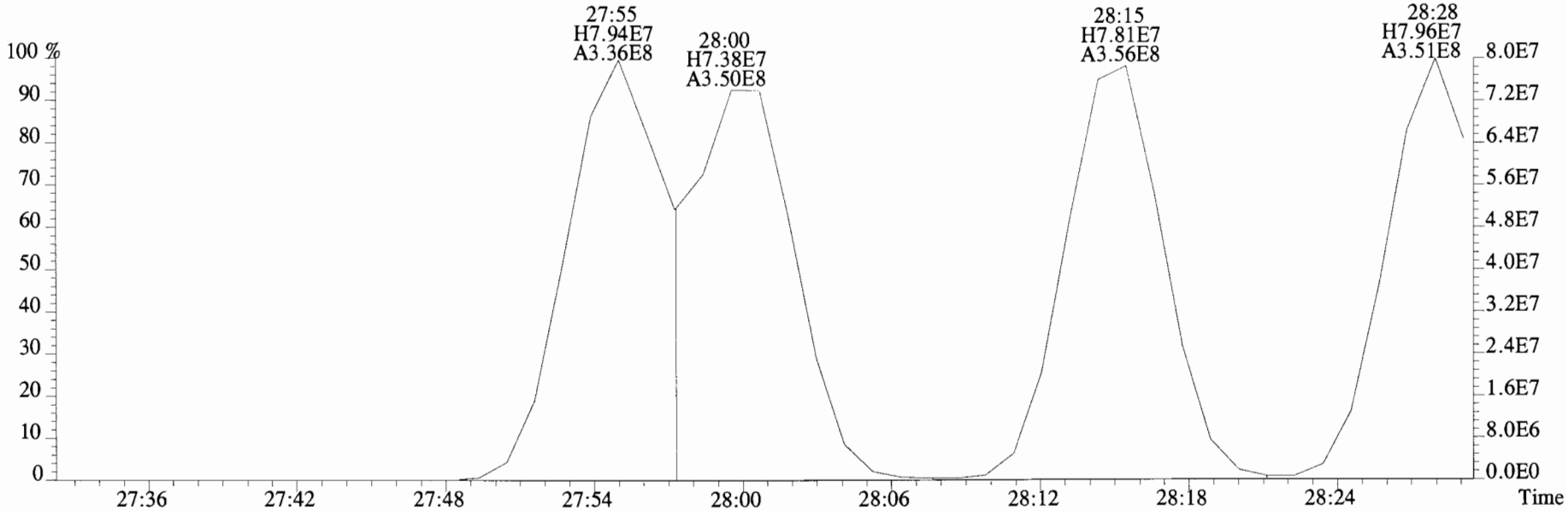
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99832.0,0.00%,F,F)



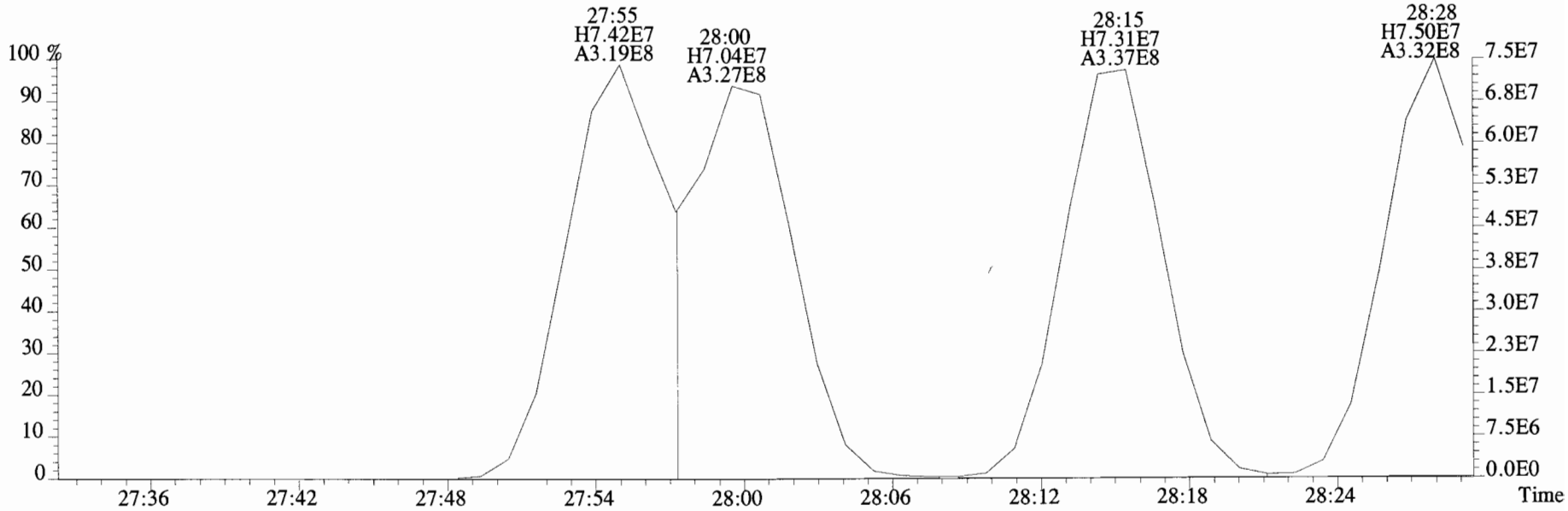
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,54924.0,0.00%,F,F)



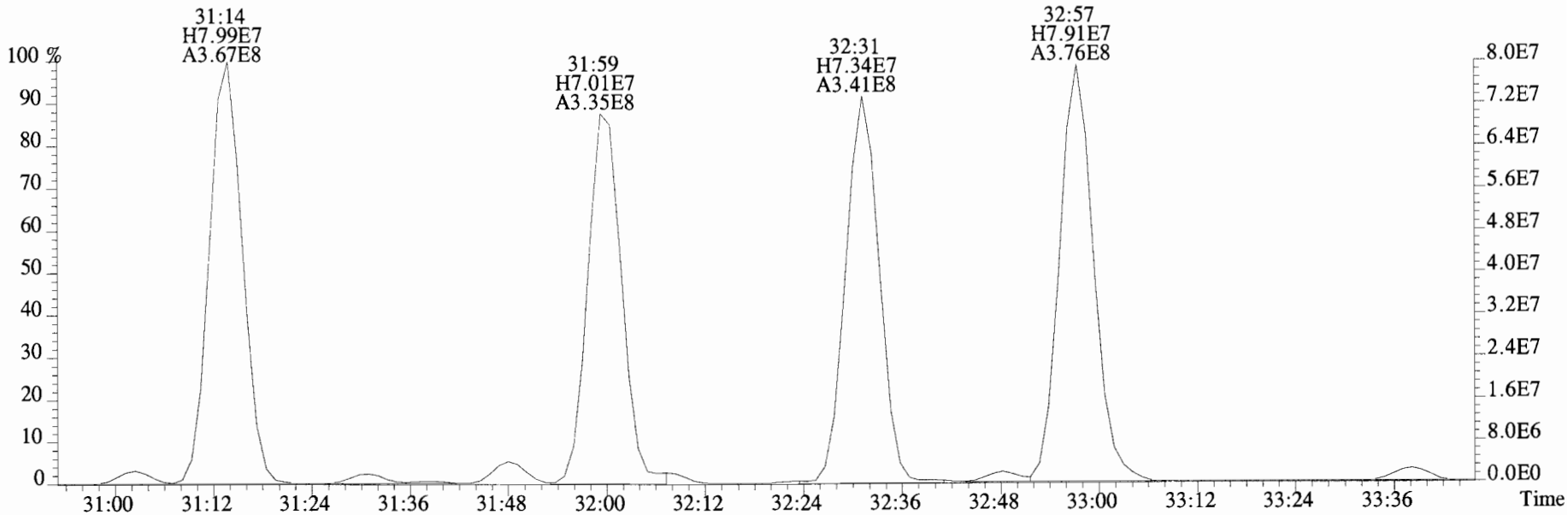
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,97276.0,0.00%,F,F)



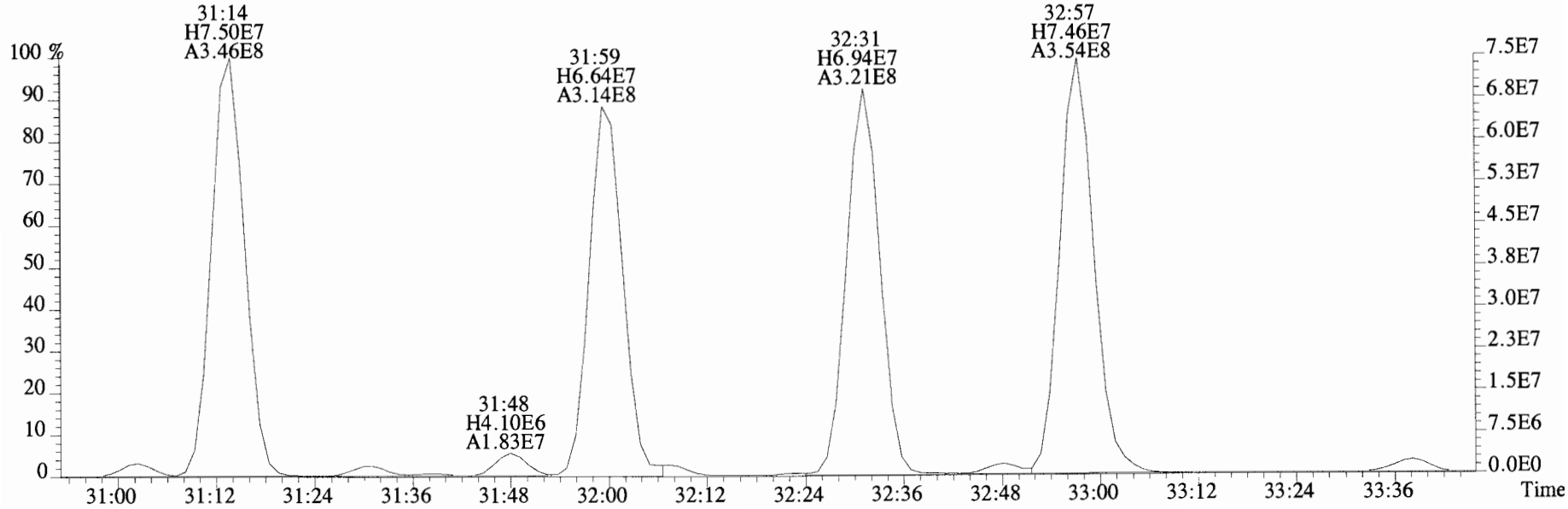
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105536.0,0.00%,F,F)



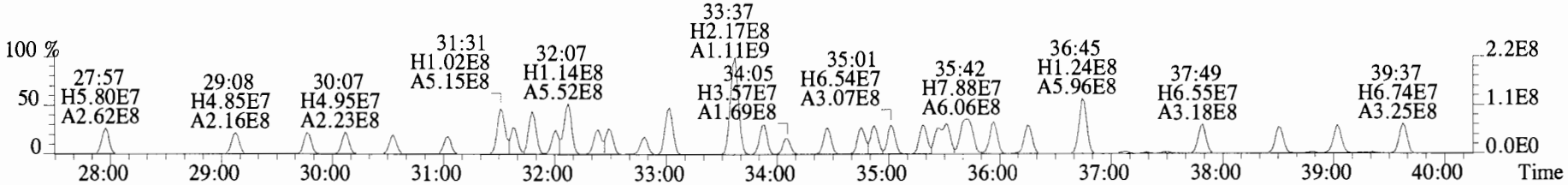
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,97276.0,0.00%,F,F)



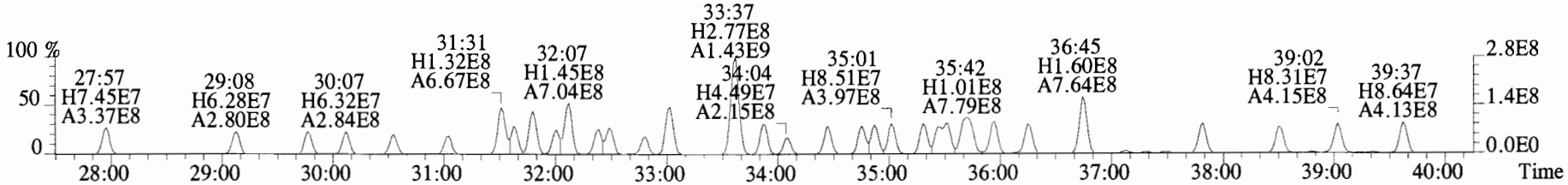
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105536.0,0.00%,F,F)



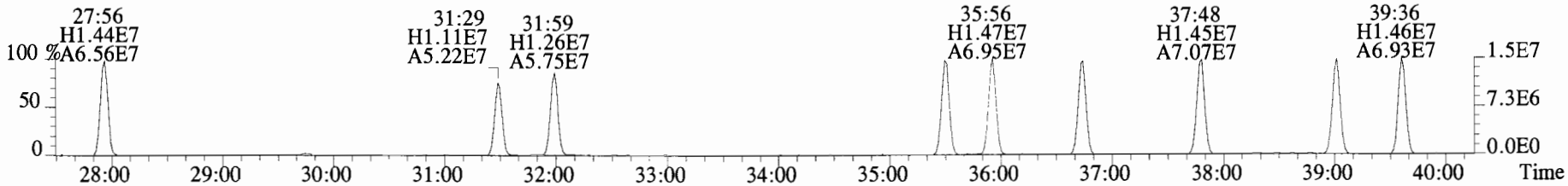
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



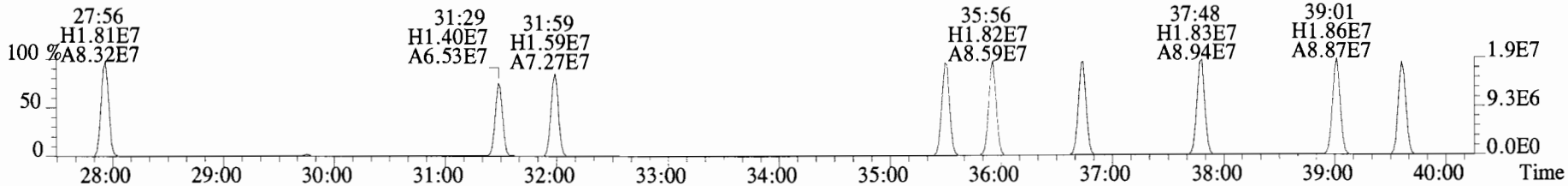
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



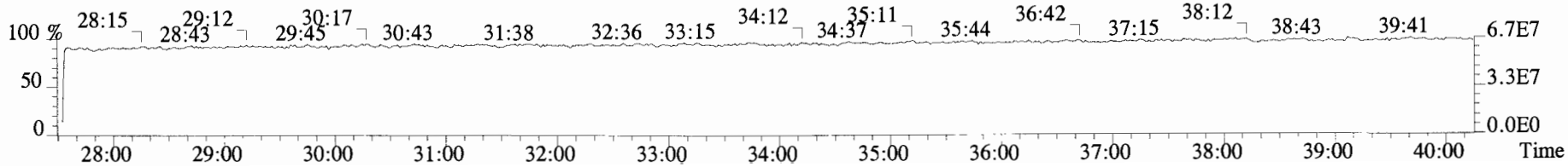
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



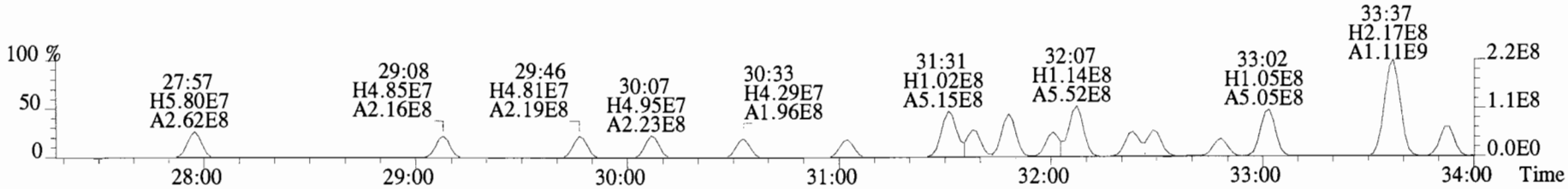
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



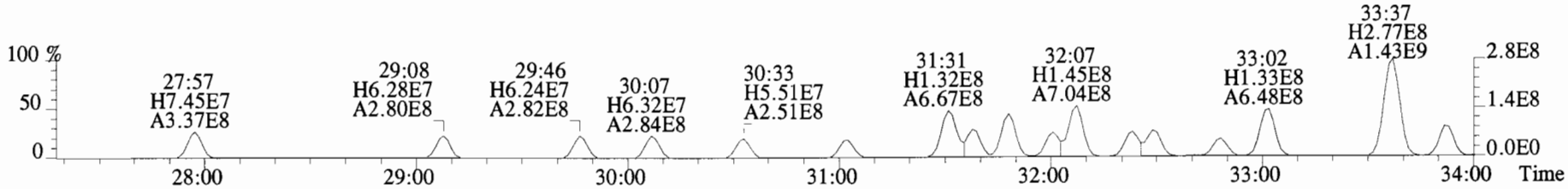
330.9792 S:5 F:3



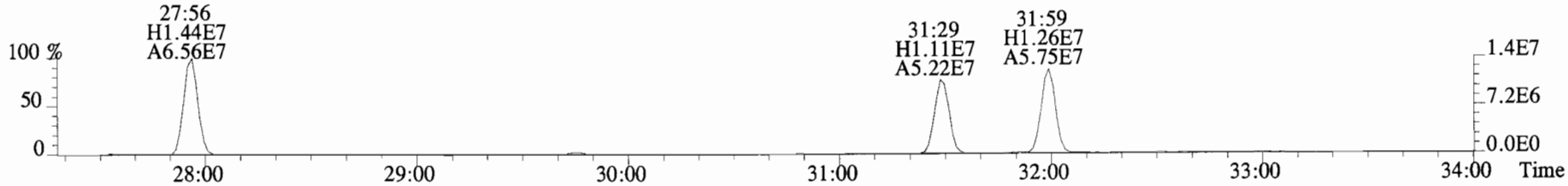
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



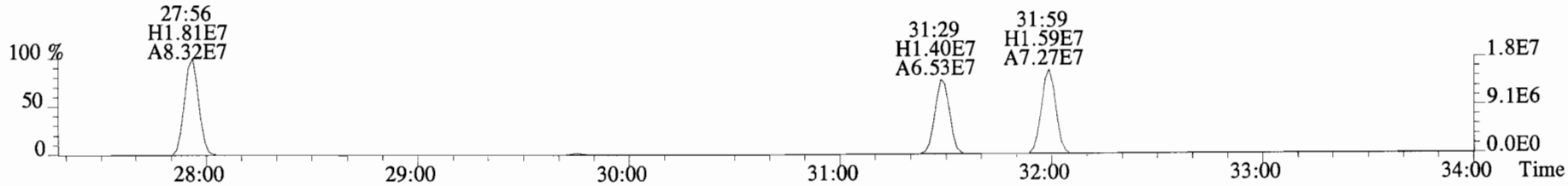
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



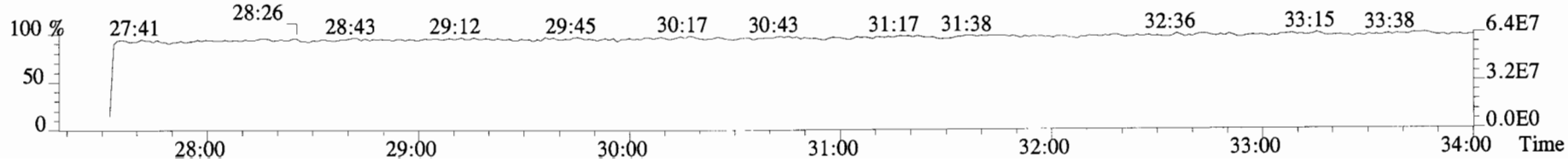
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)

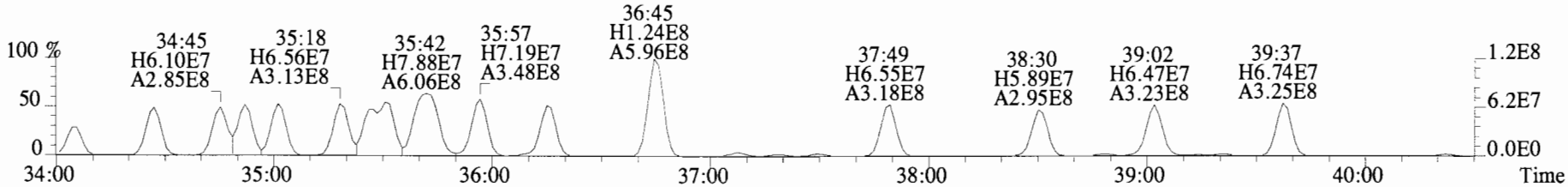


330.9792 S:5 F:3

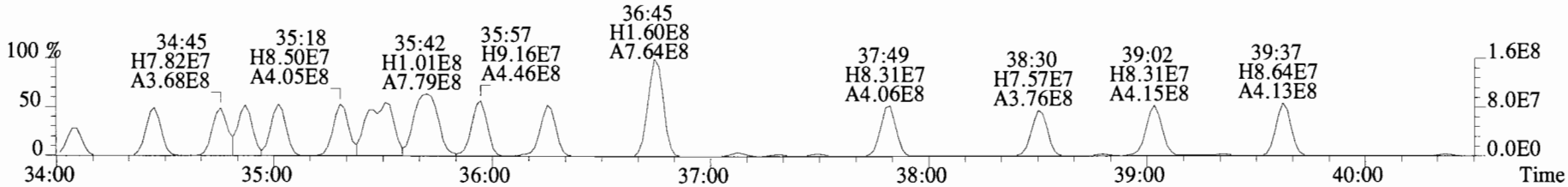


File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

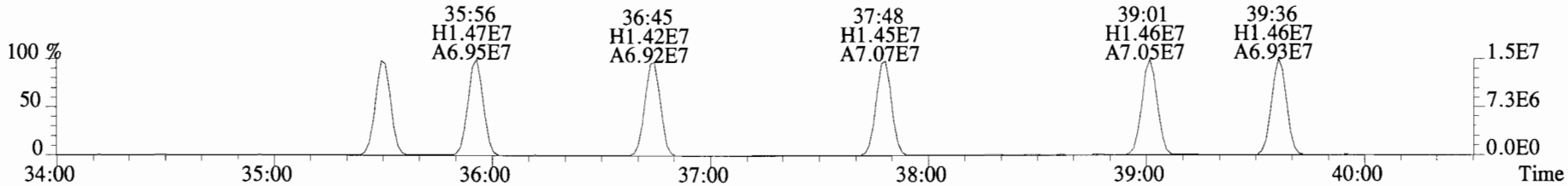
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



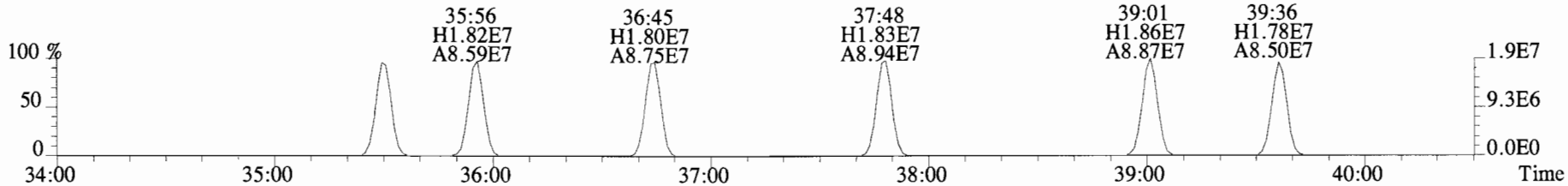
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



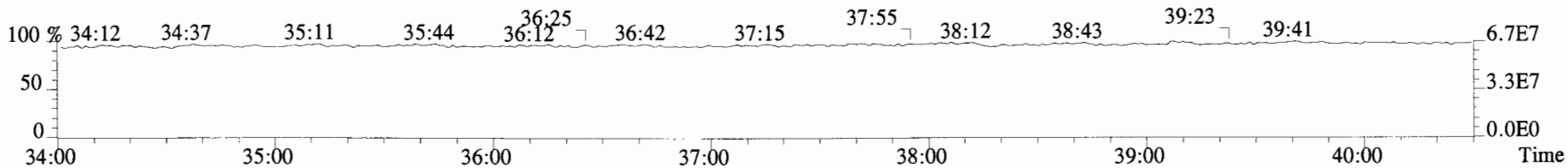
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



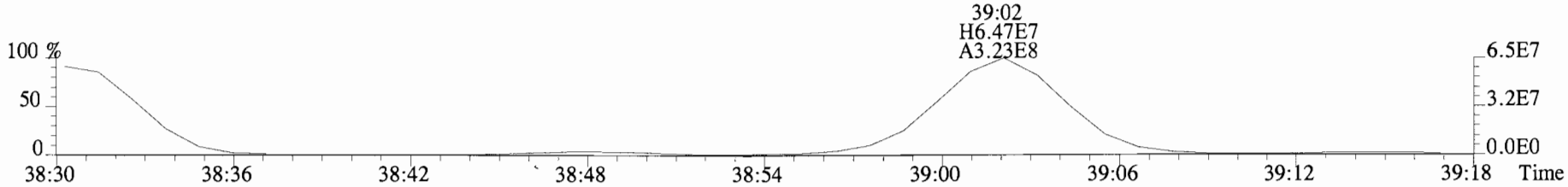
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



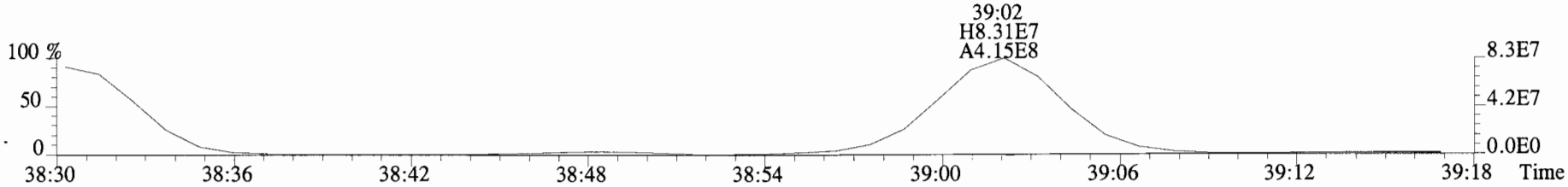
330.9792 S:5 F:3



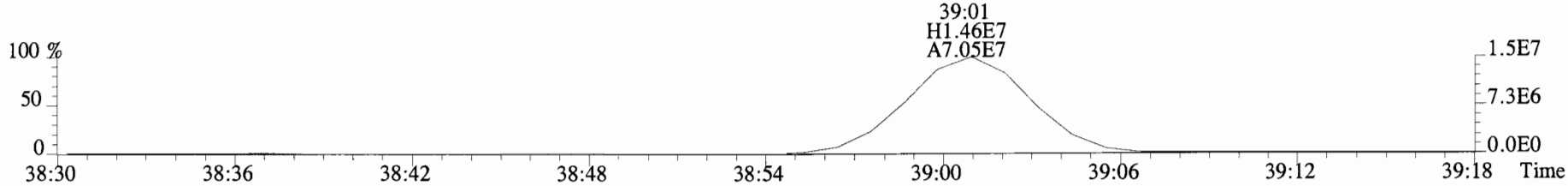
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



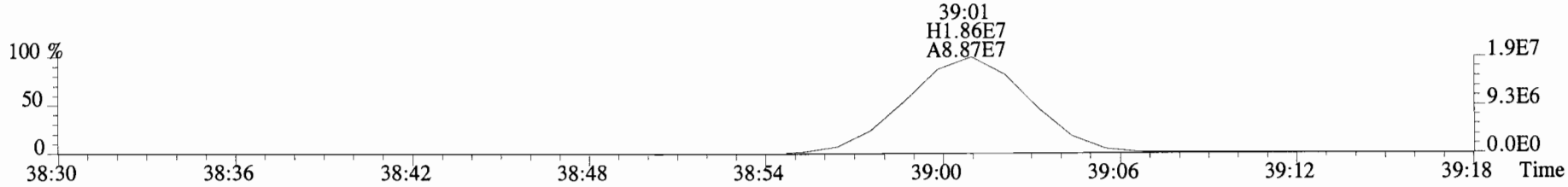
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



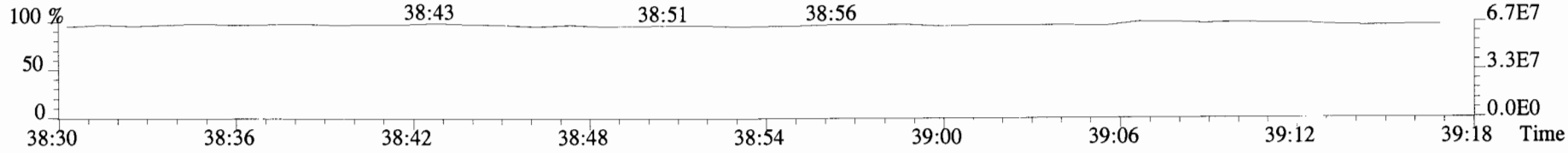
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



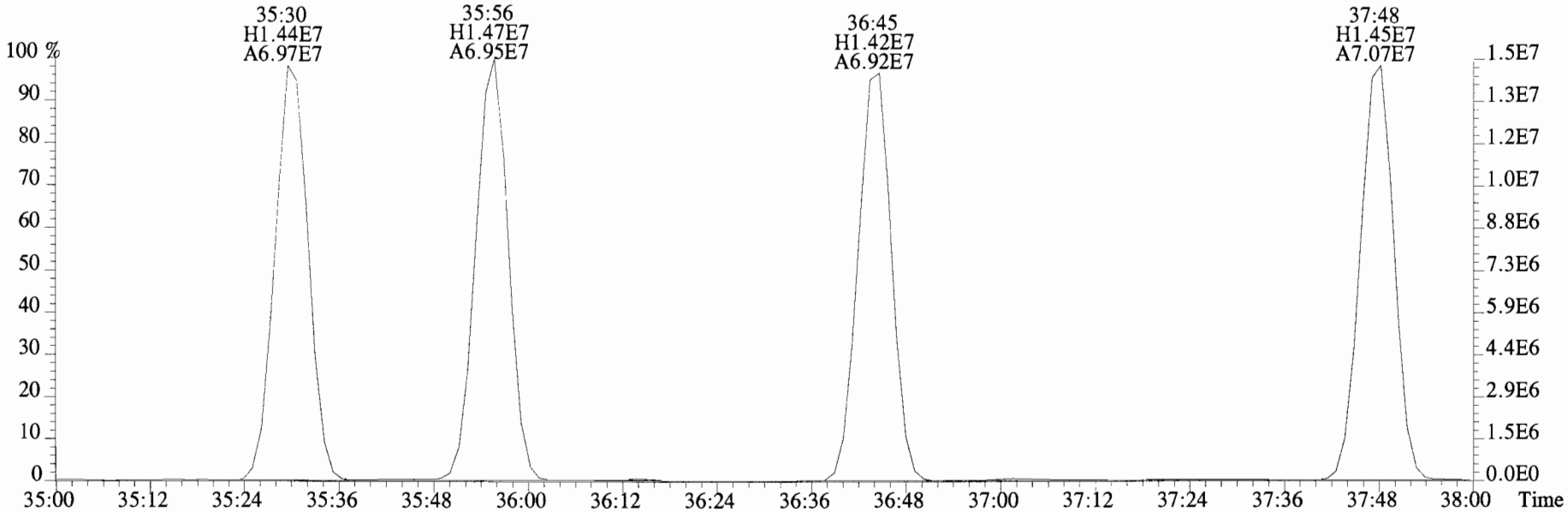
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



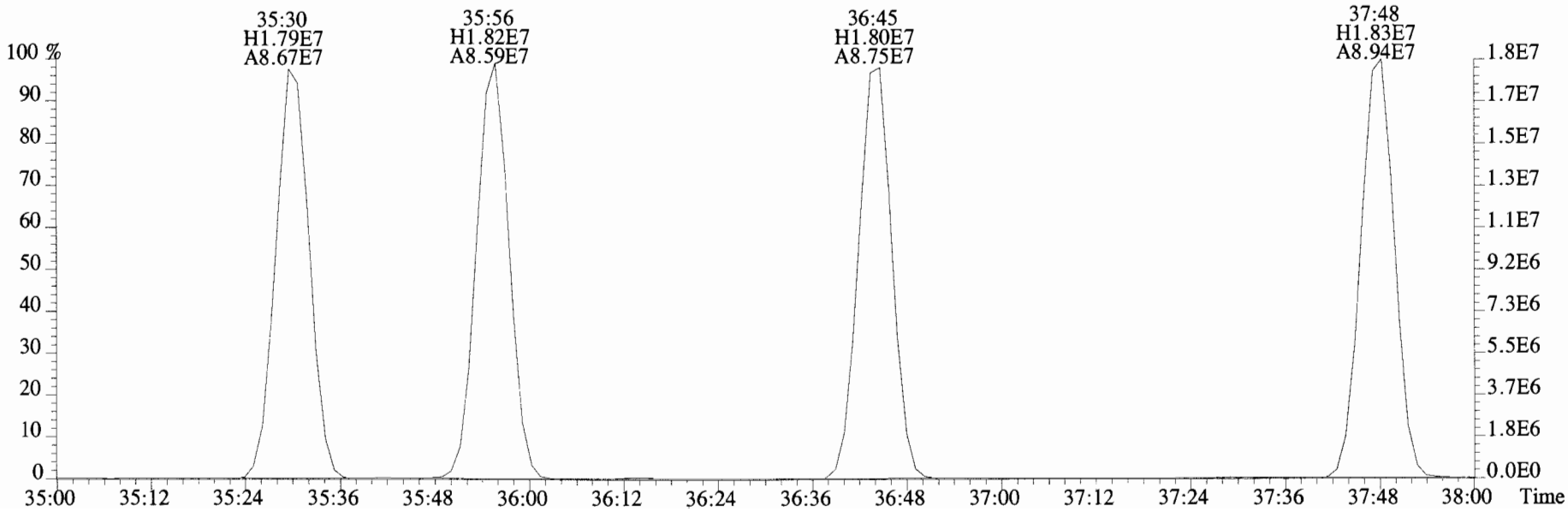
330.9792 S:5 F:3



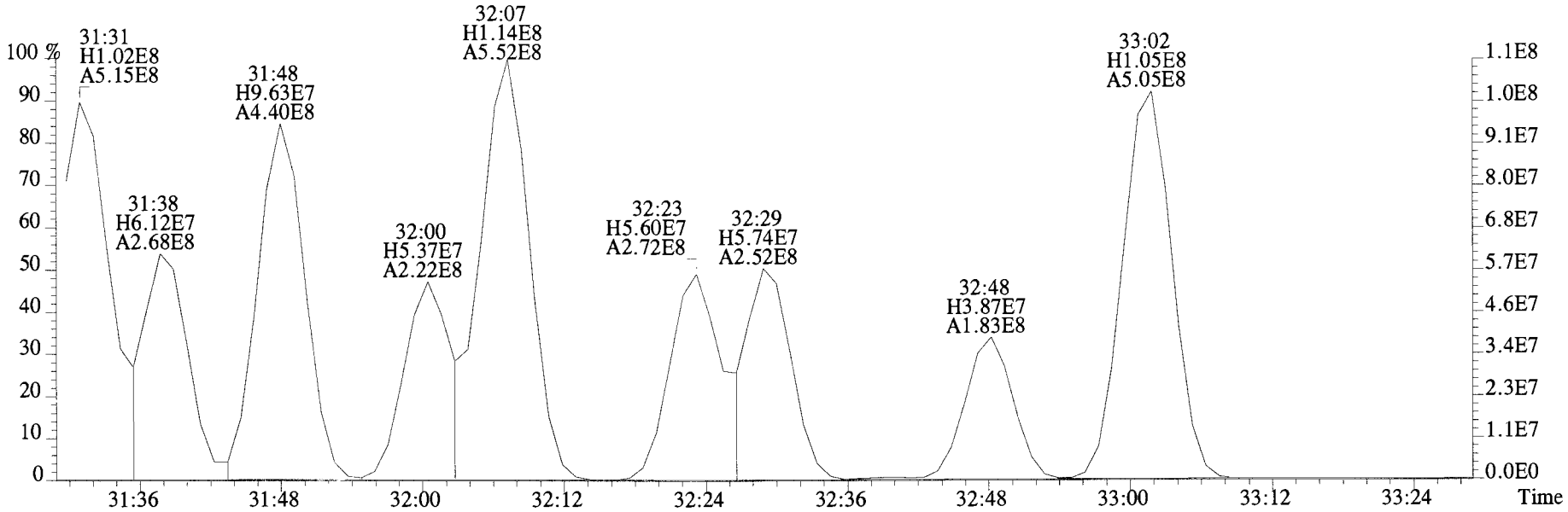
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



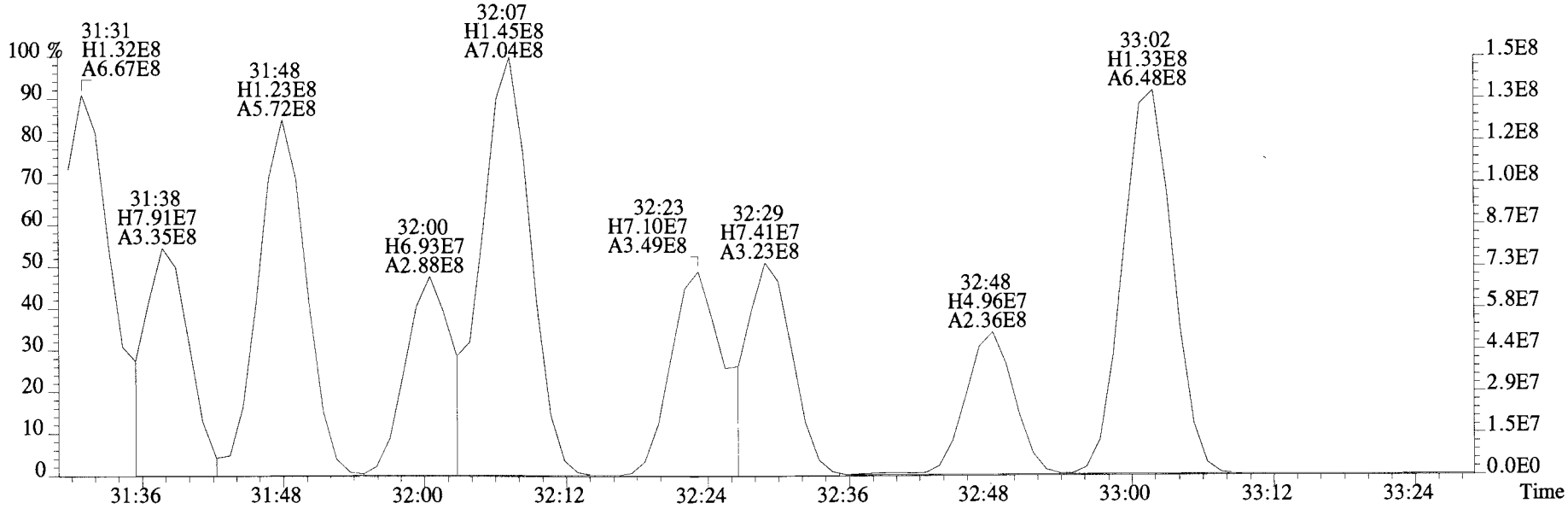
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



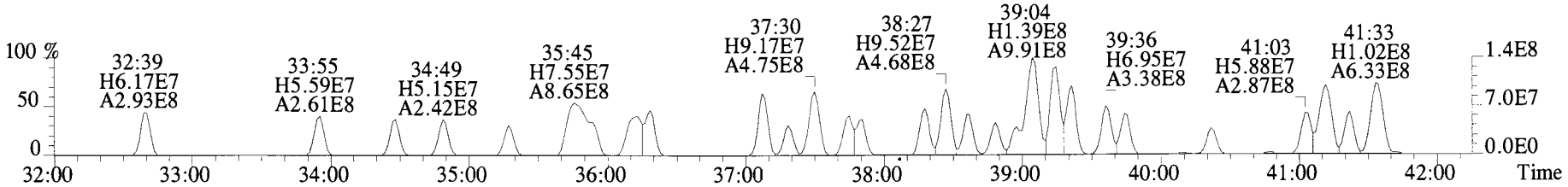
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



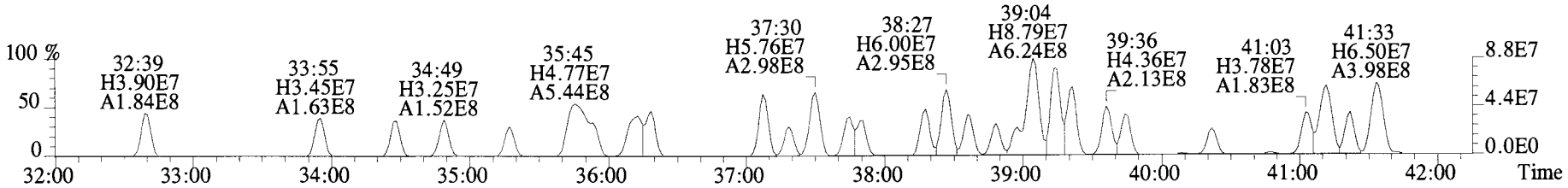
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



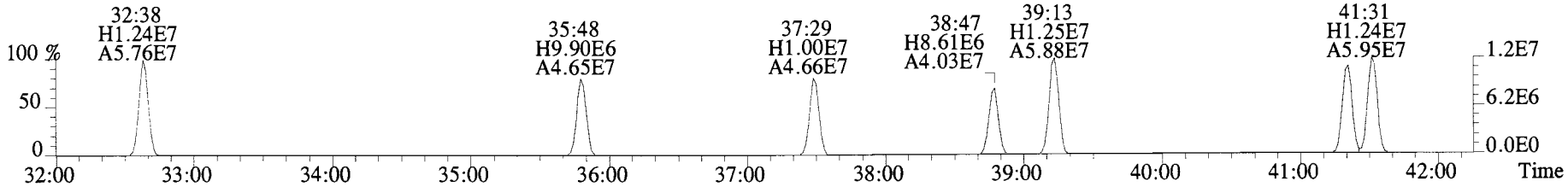
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



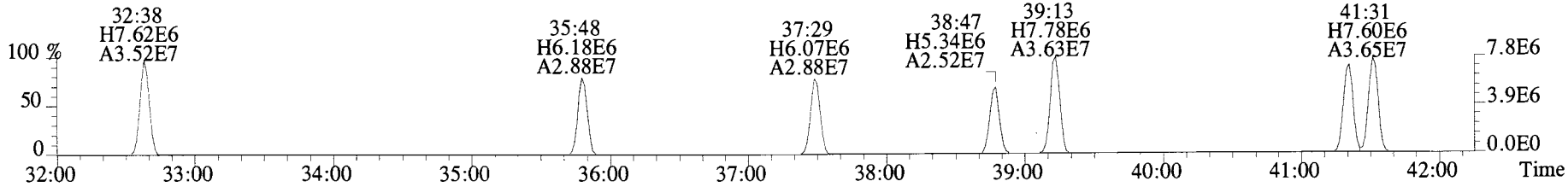
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



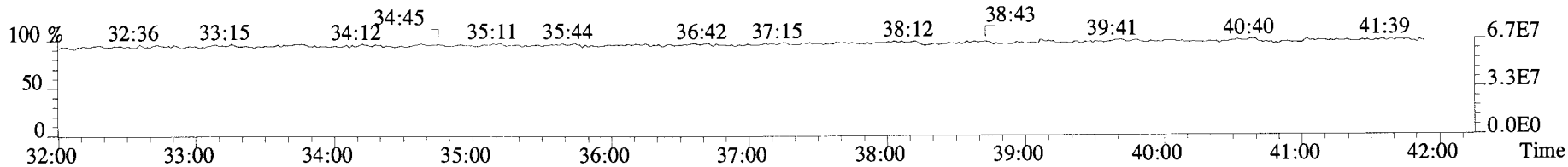
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4312.0,0.00%,F,F)

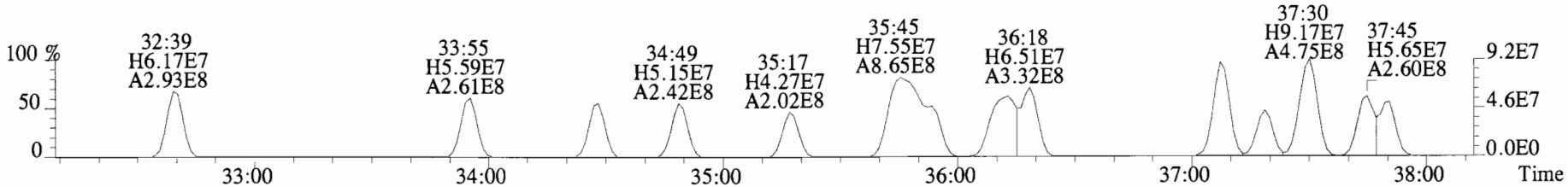


330.9792 S:5 F:3

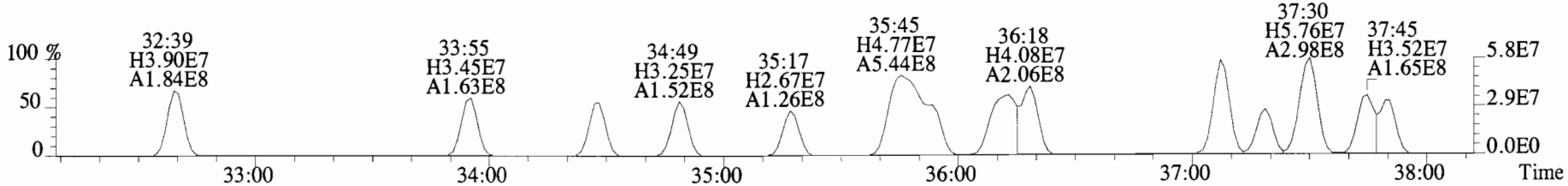


File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

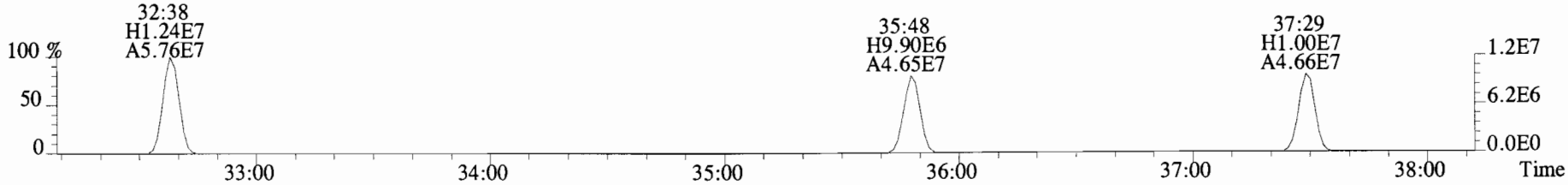
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



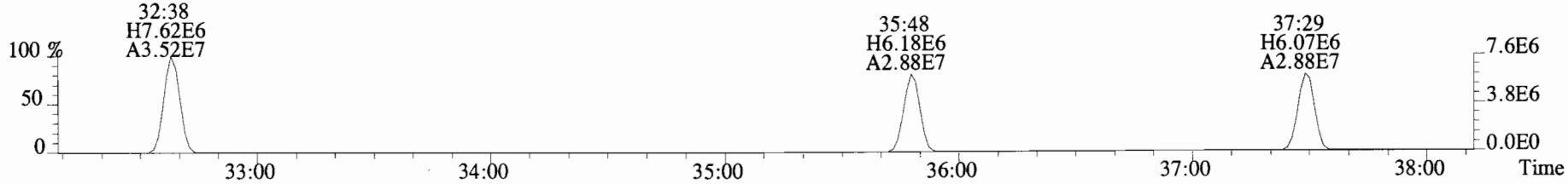
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



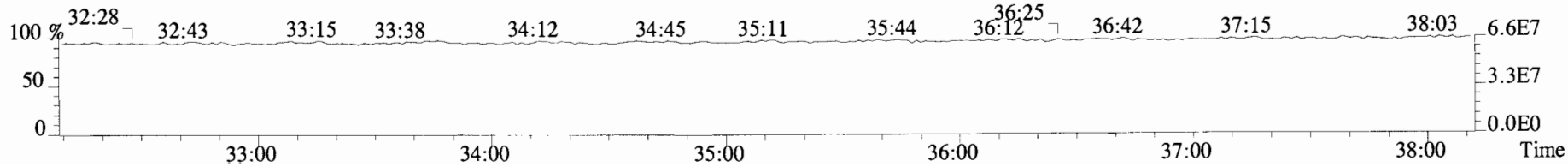
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4312.0,0.00%,F,F)

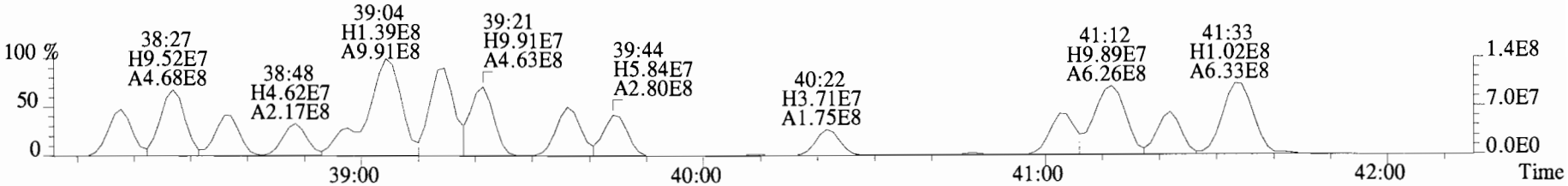


330.9792 S:5 F:3

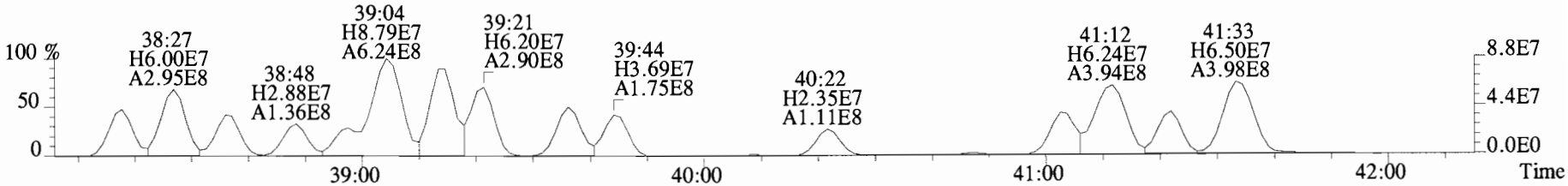


File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

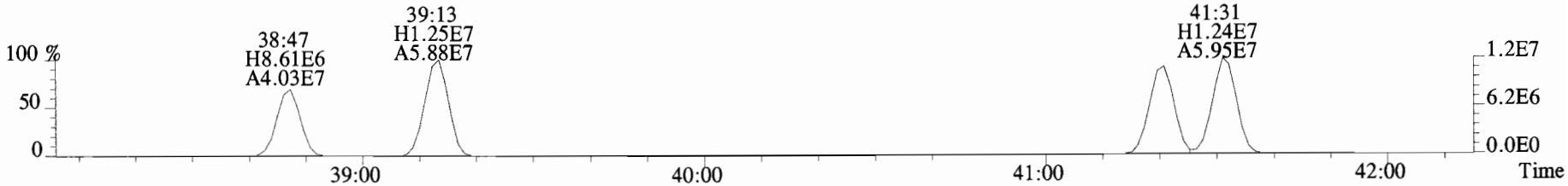
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



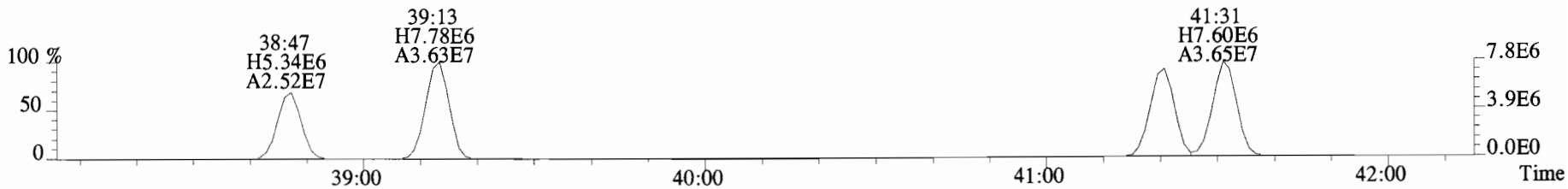
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



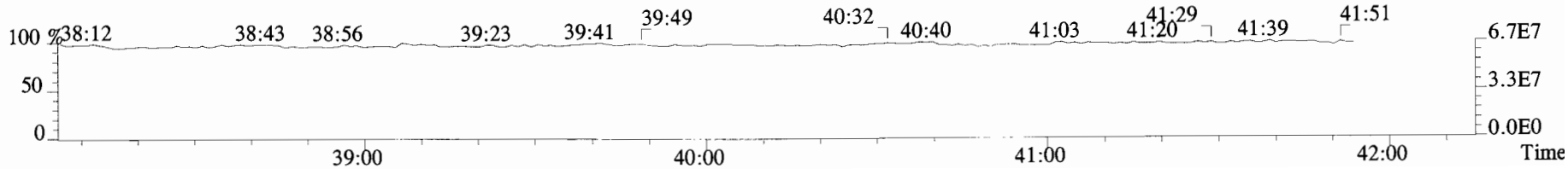
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



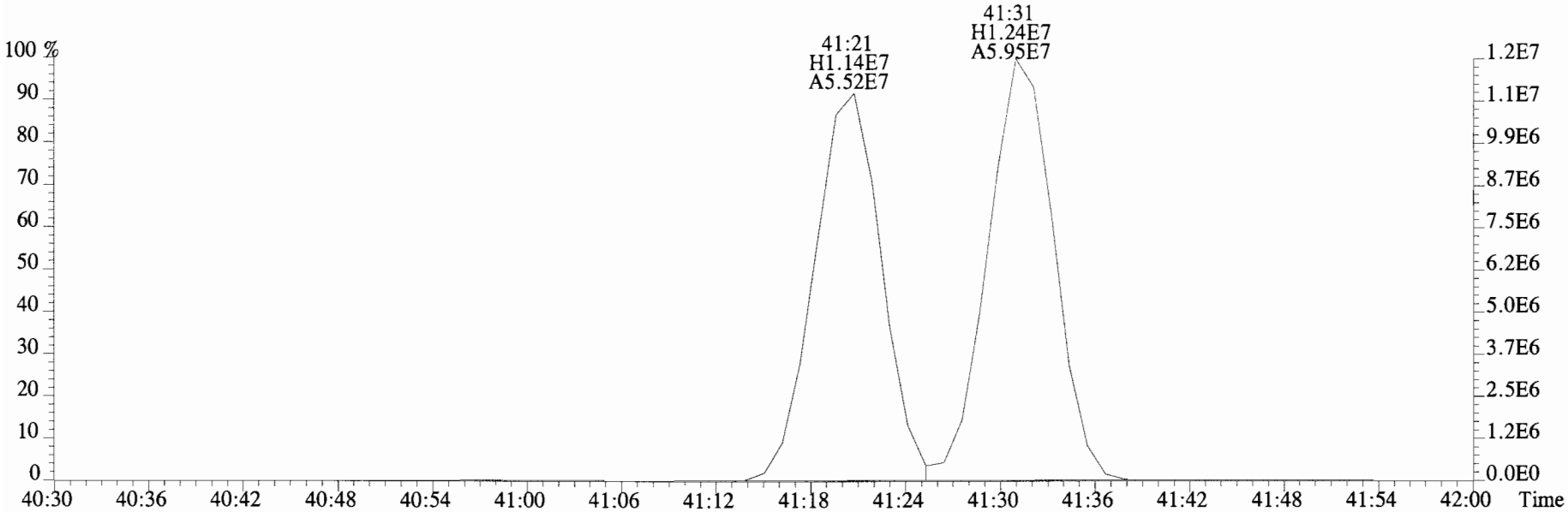
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4312.0,0.00%,F,F)



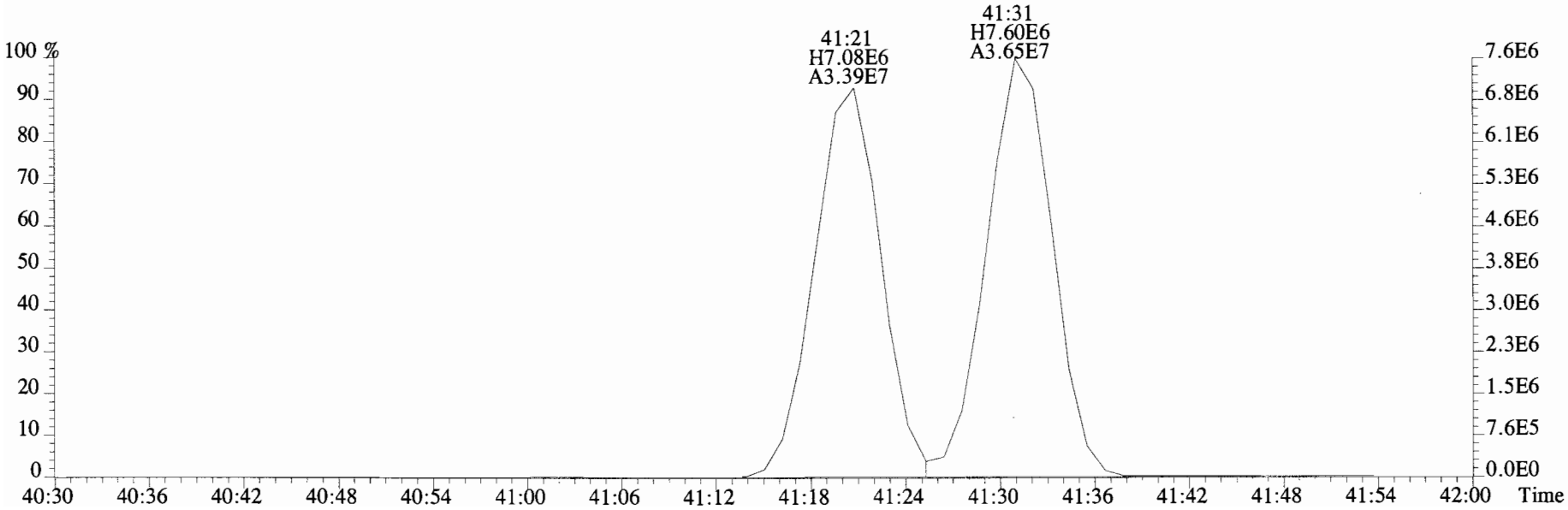
330.9792 S:5 F:3



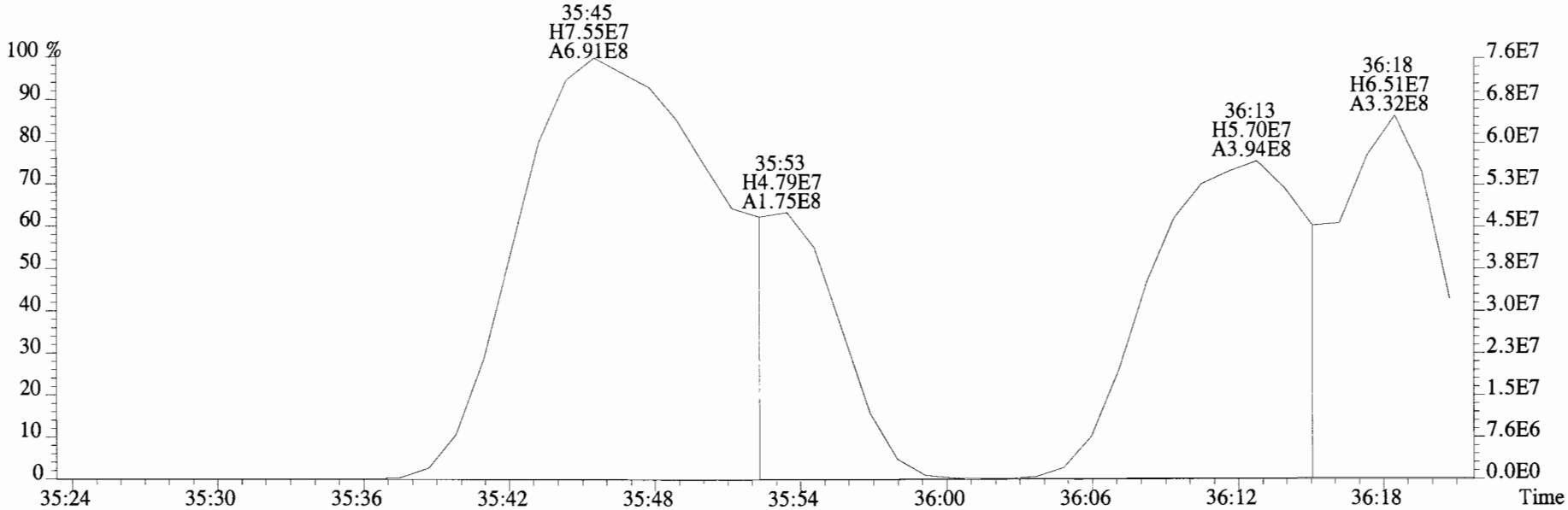
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



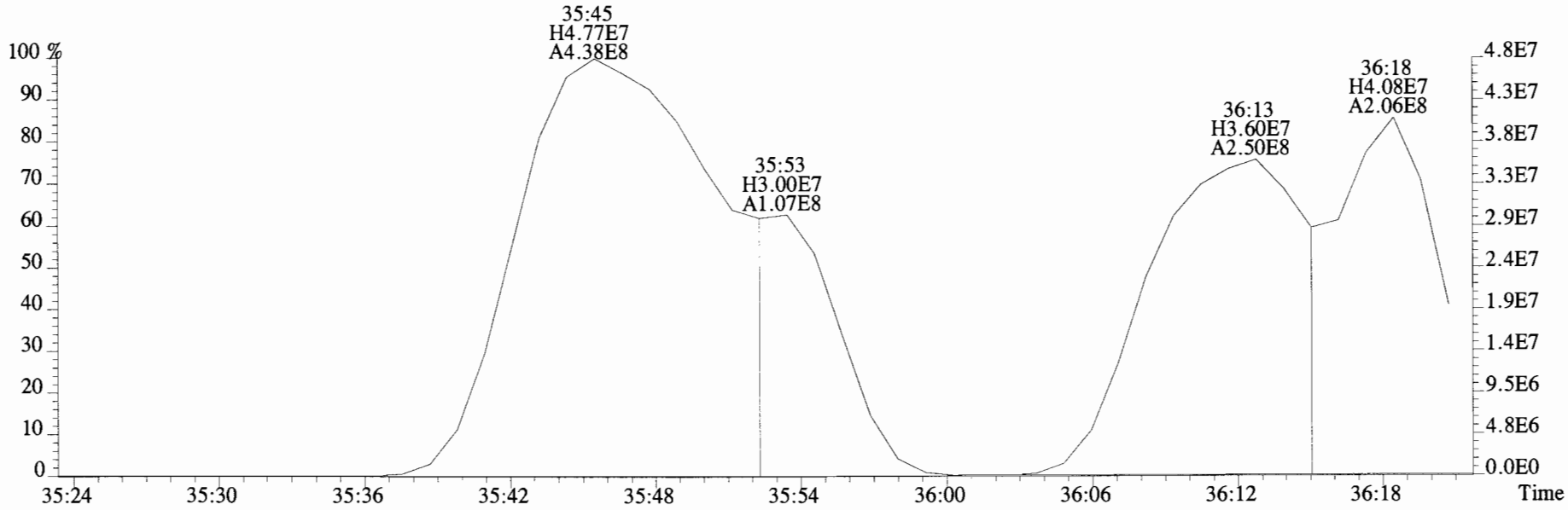
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4312.0,0.00%,F,F)



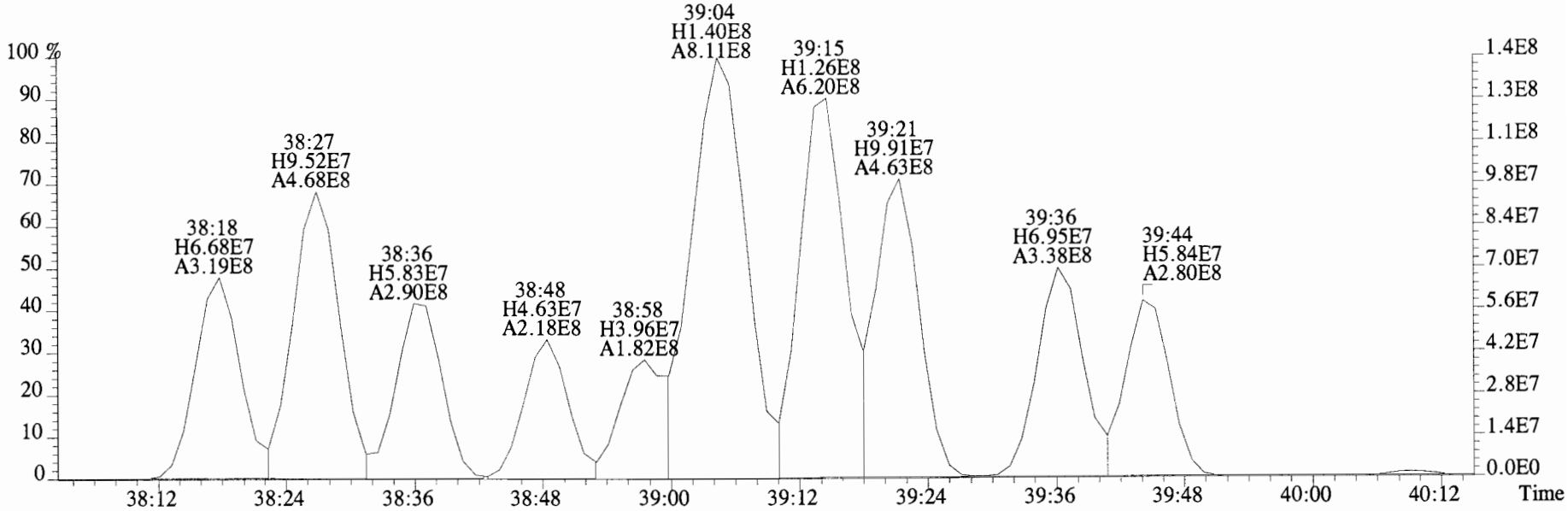
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



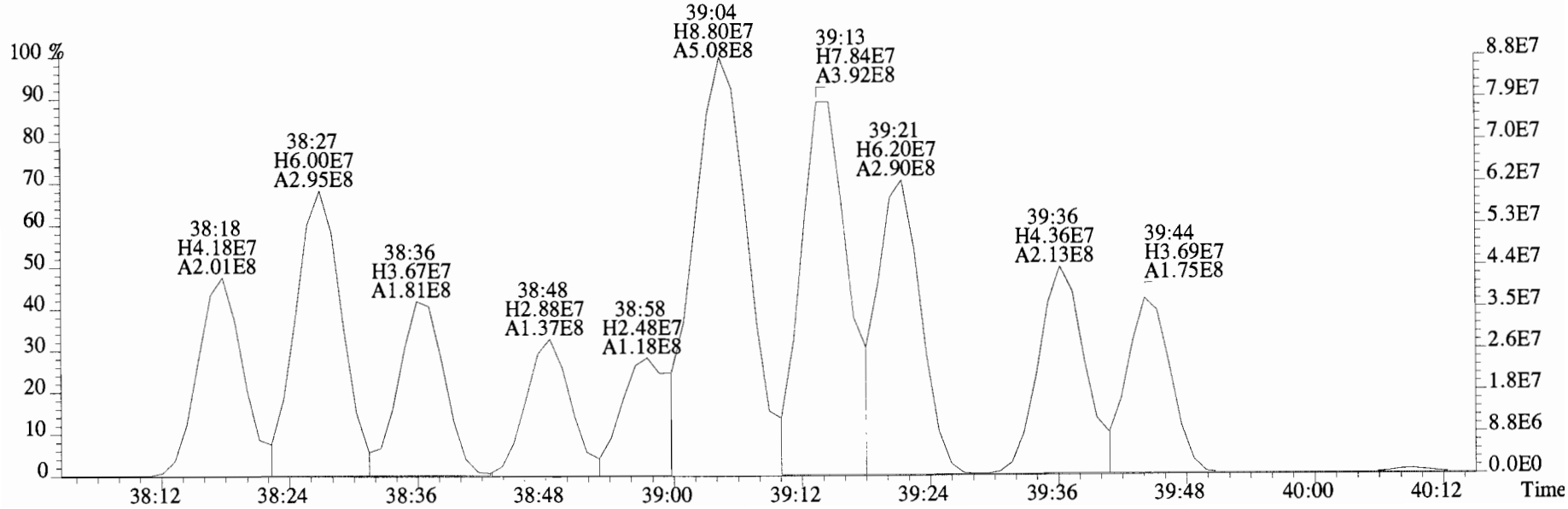
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



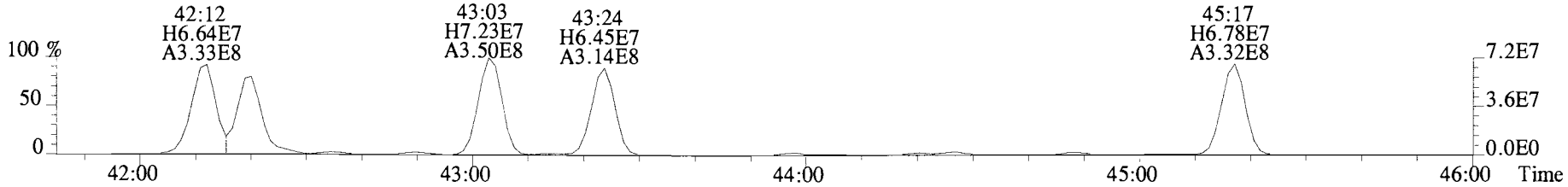
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



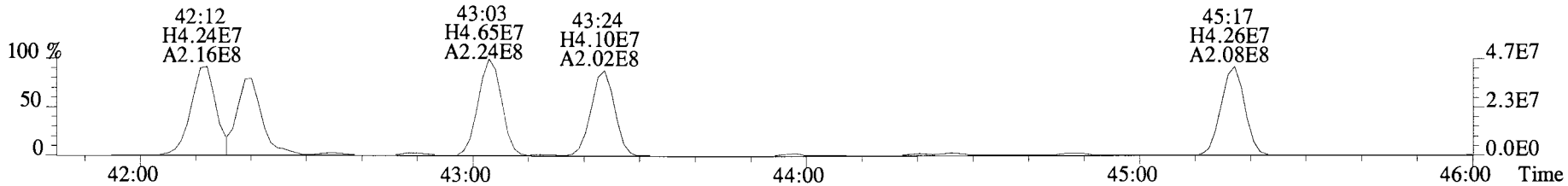
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



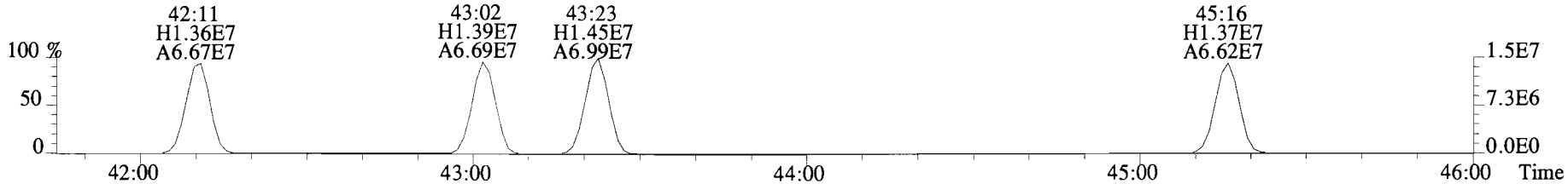
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30272.0,0.00%,F,F)



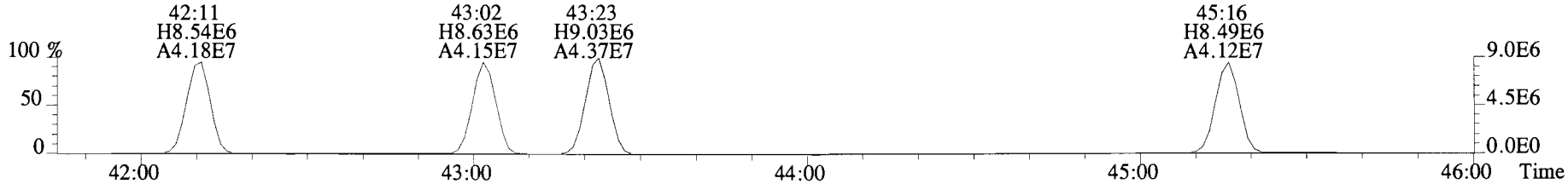
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20976.0,0.00%,F,F)



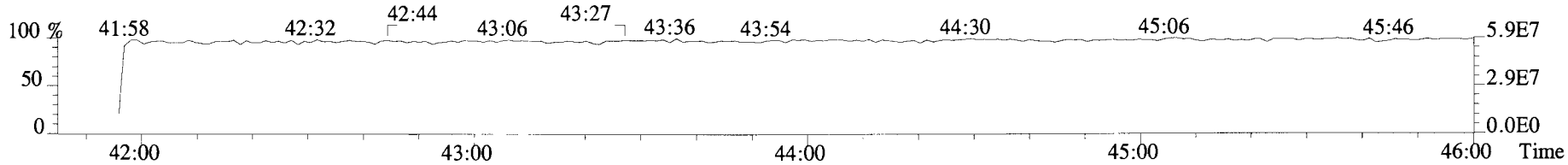
337.9207 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8728.0,0.00%,F,F)



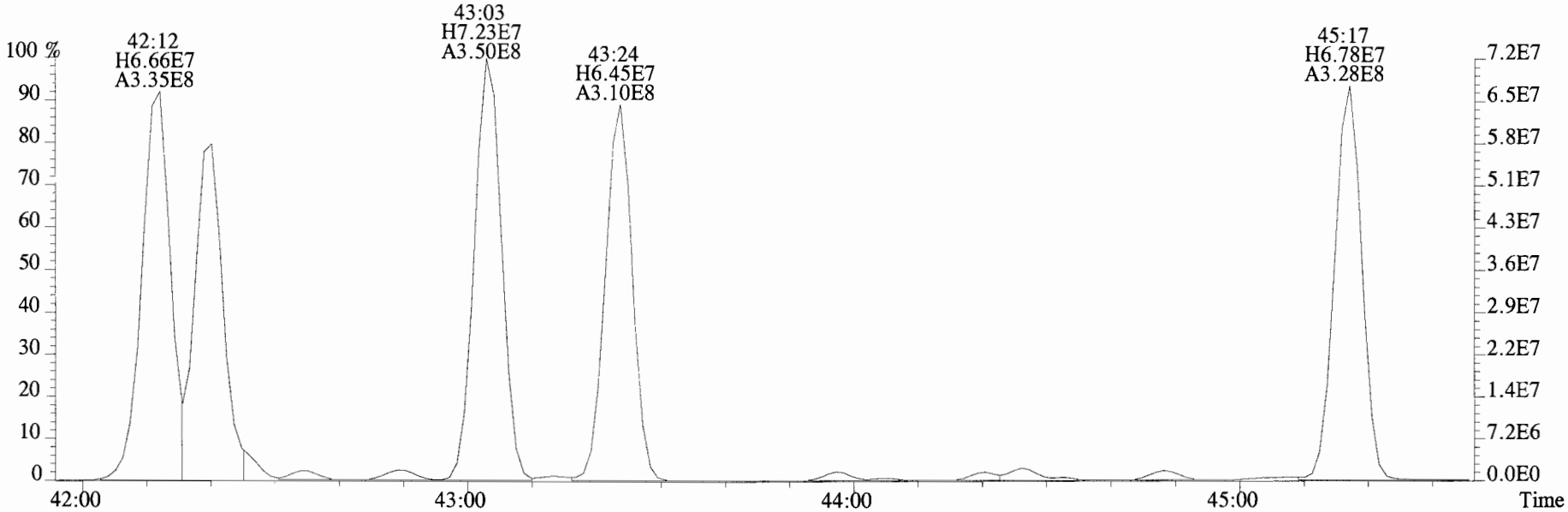
339.9177 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8072.0,0.00%,F,F)



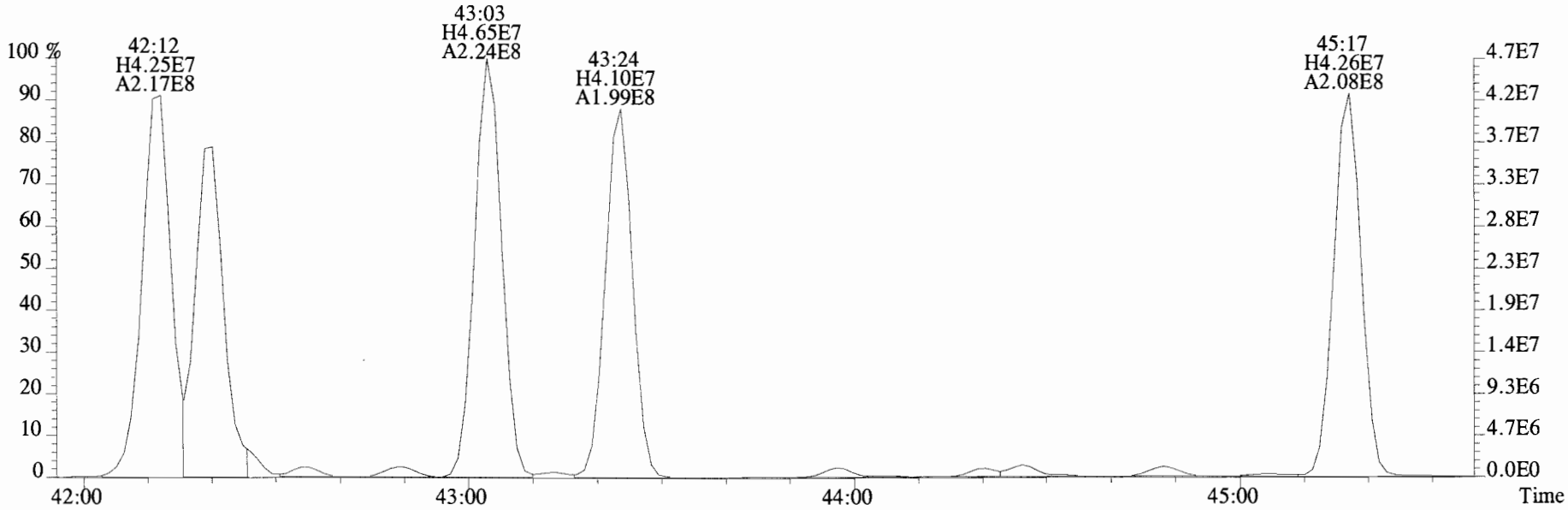
380.9760 S:5 F:4



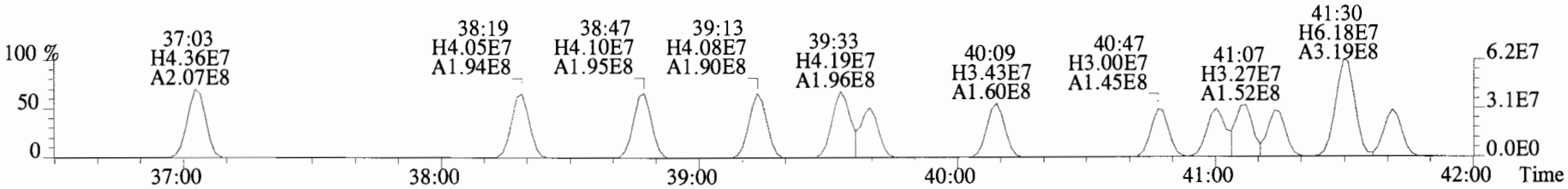
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30272.0,0.00%,F,F)



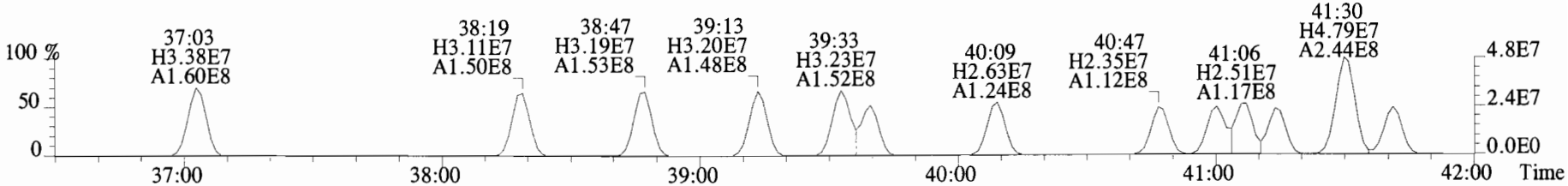
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20976.0,0.00%,F,F)



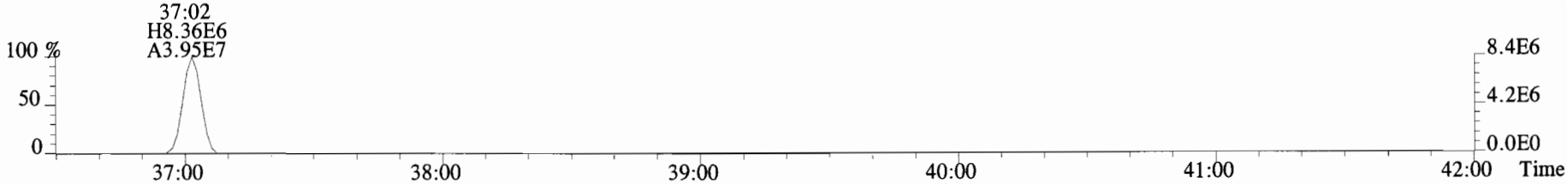
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2500.0,0.00%,F,F)



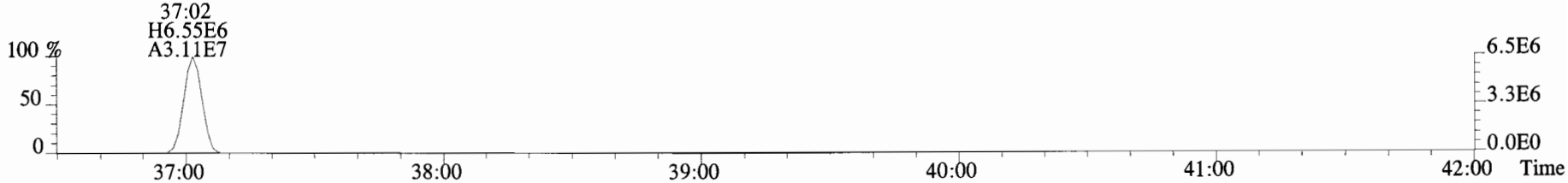
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



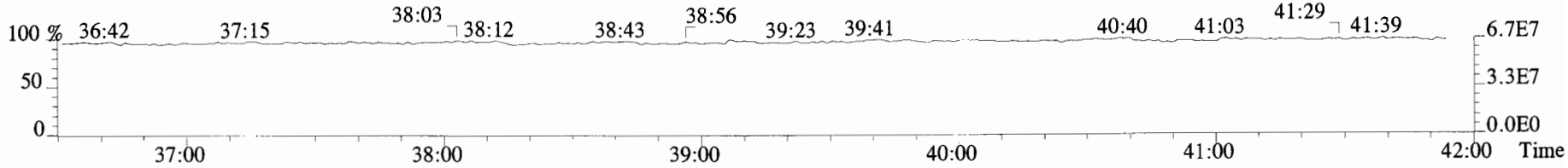
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2436.0,0.00%,F,F)



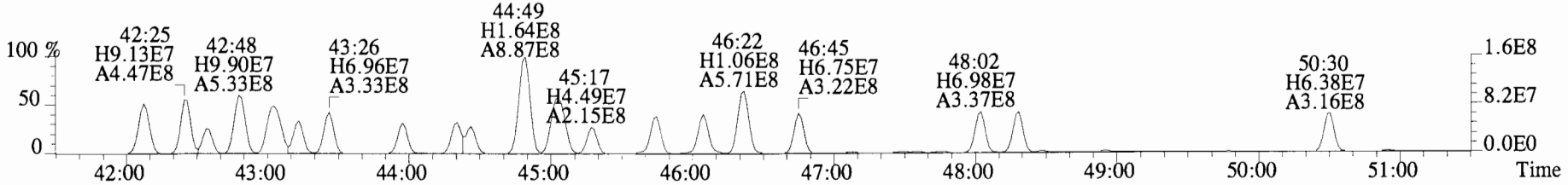
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2772.0,0.00%,F,F)



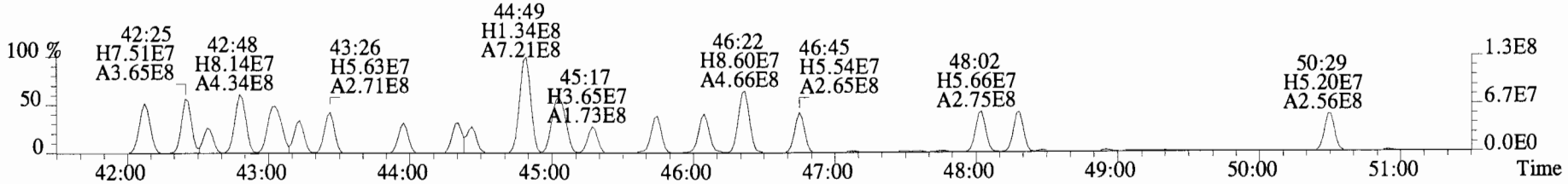
330.9792 S:5 F:3



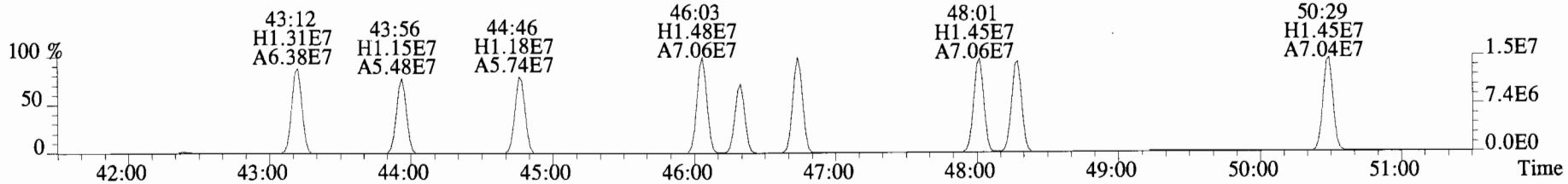
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,314756.0,0.00%,F,F)



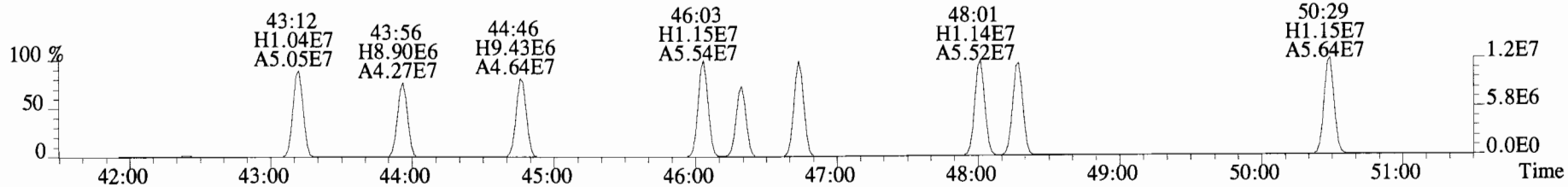
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,248180.0,0.00%,F,F)



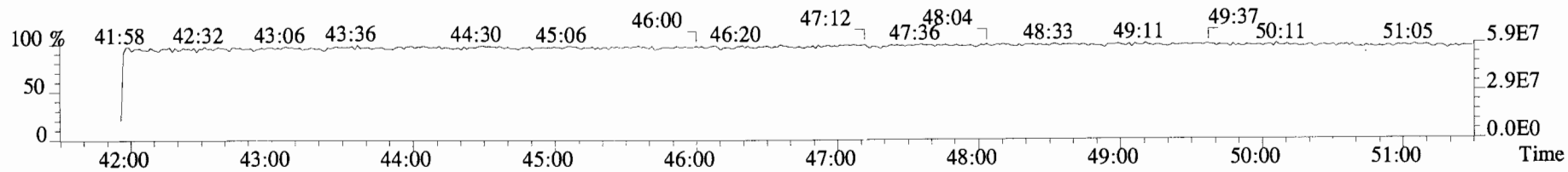
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18952.0,0.00%,F,F)



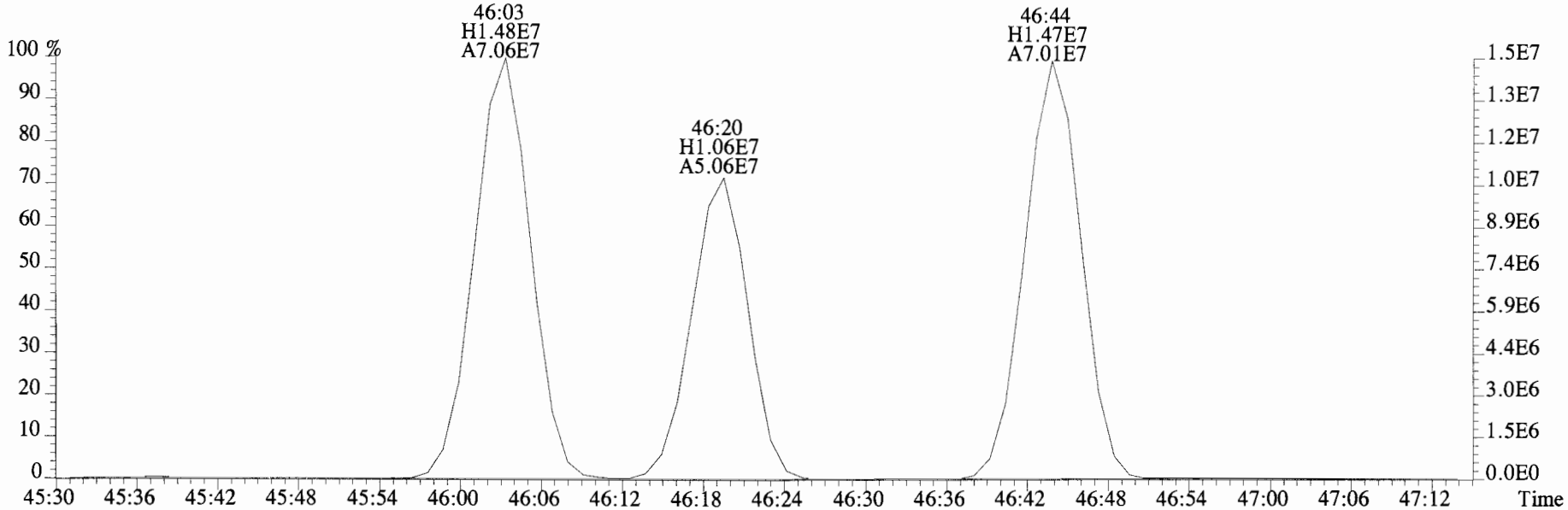
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13580.0,0.00%,F,F)



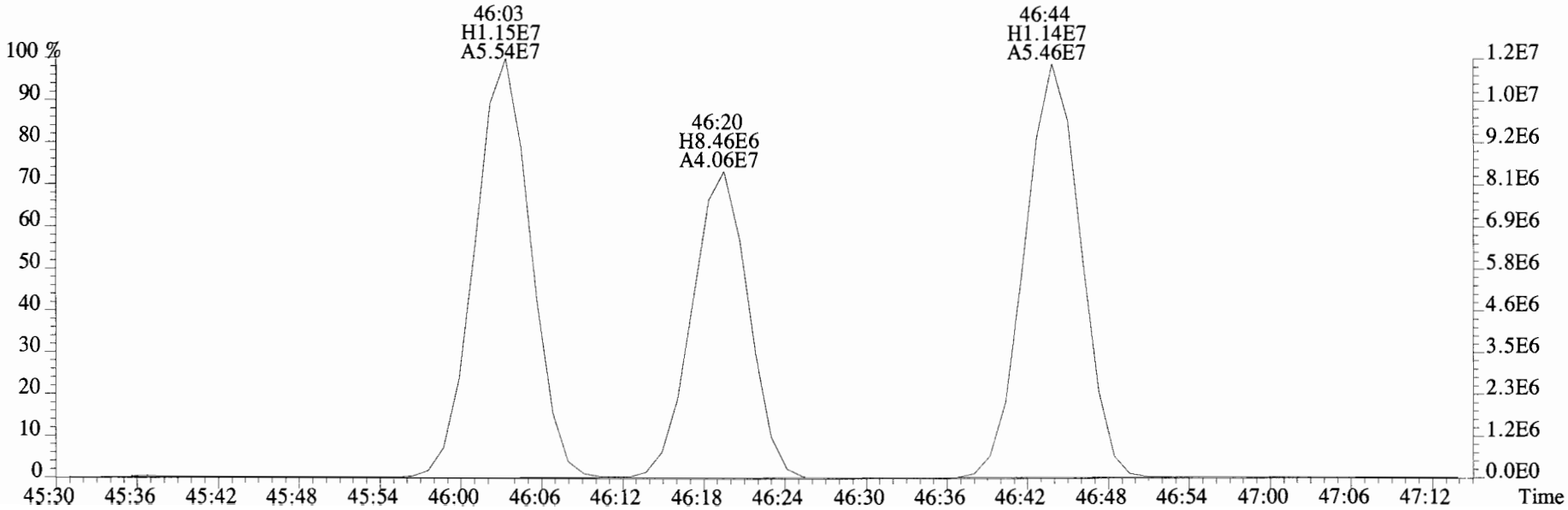
380.9760 S:5 F:4



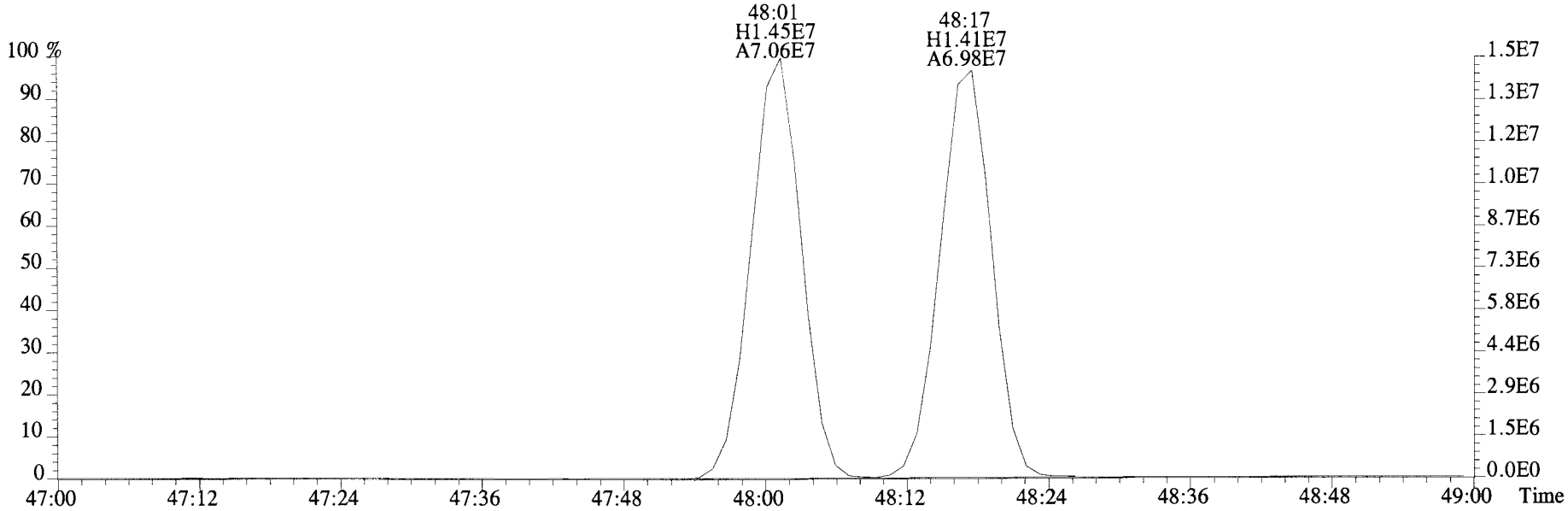
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18952.0,0.00%,F,F)



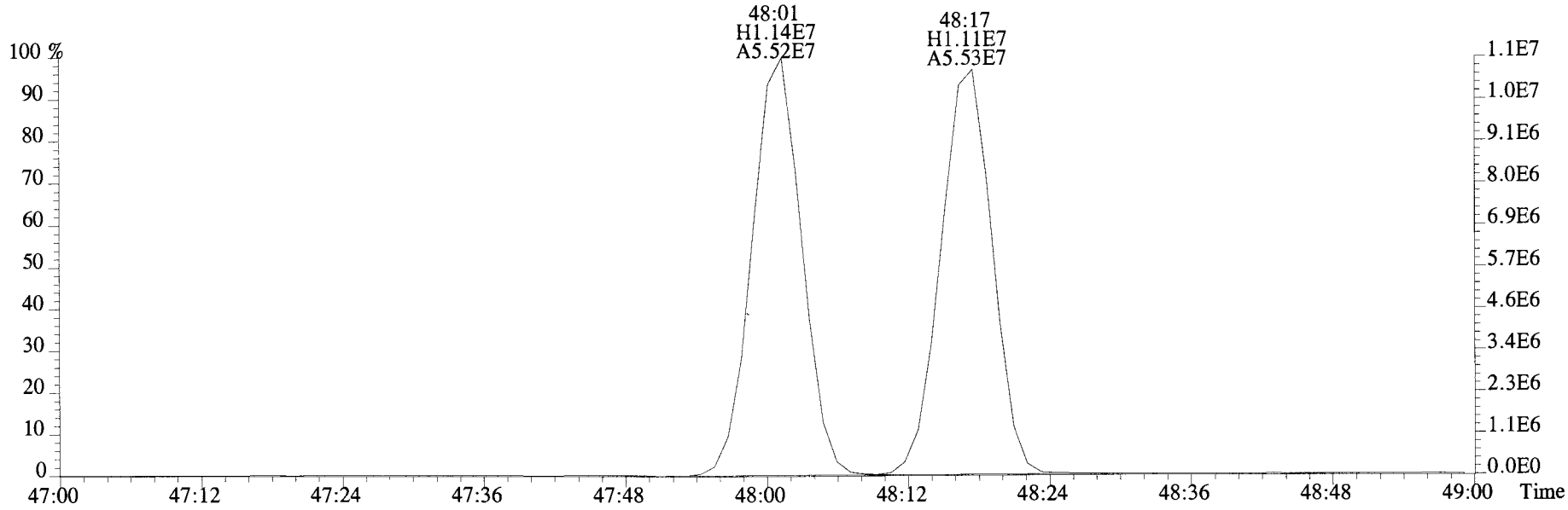
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13580.0,0.00%,F,F)



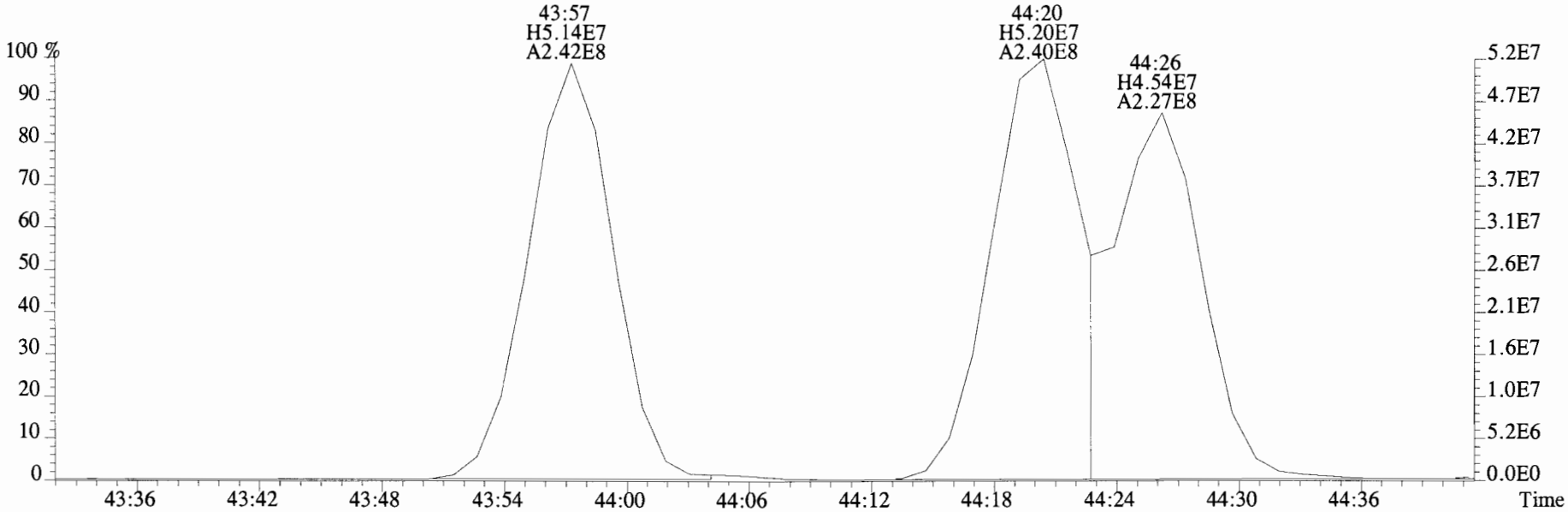
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18952.0,0.00%,F,F)



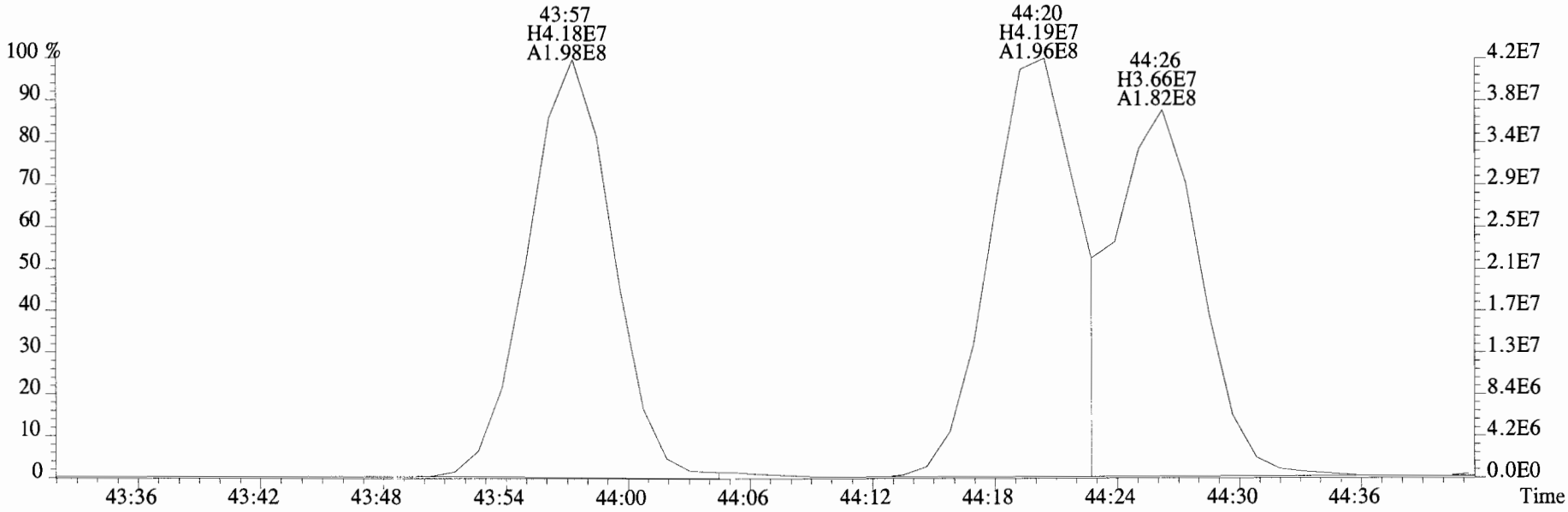
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13580.0,0.00%,F,F)



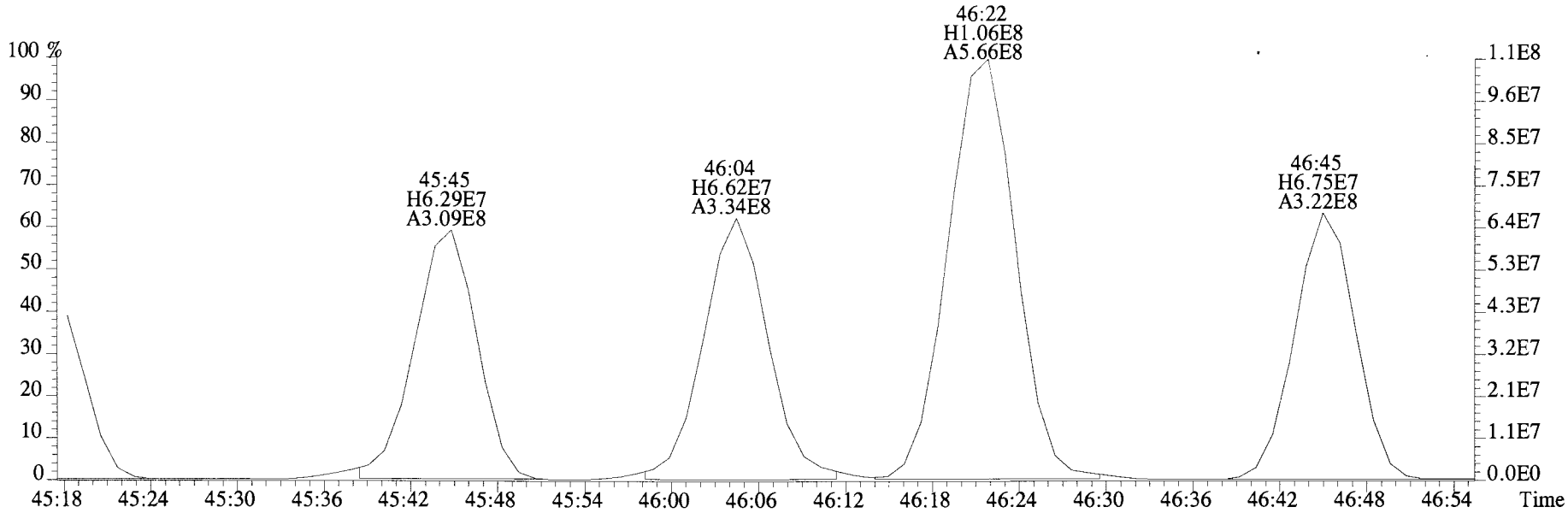
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,314756.0,0.00%,F,F)



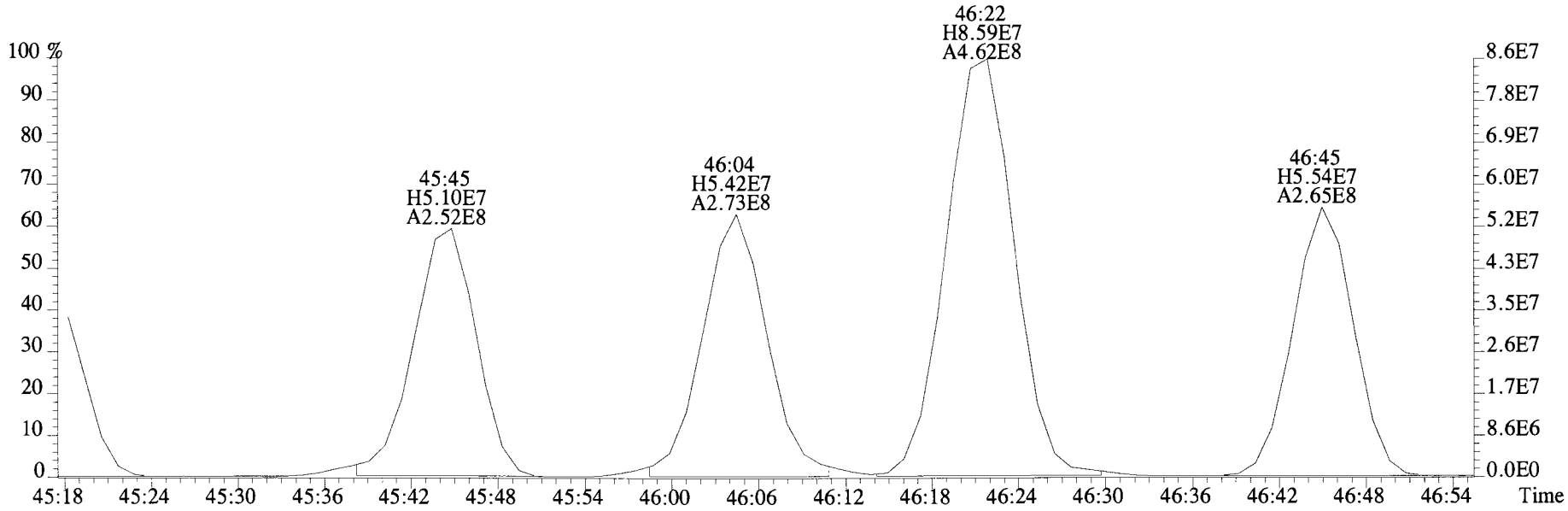
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,248180.0,0.00%,F,F)



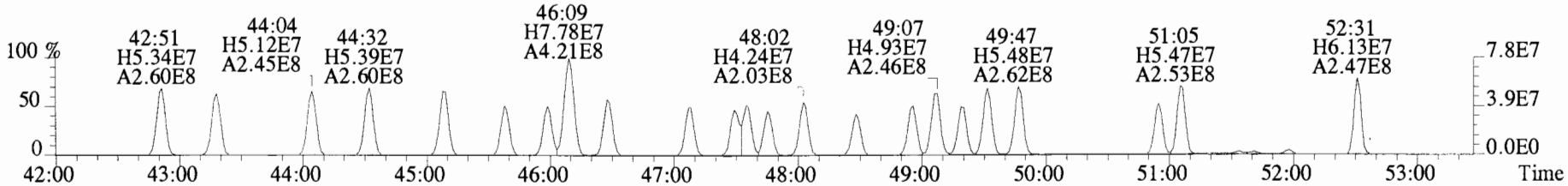
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,314756.0,0.00%,F,F)



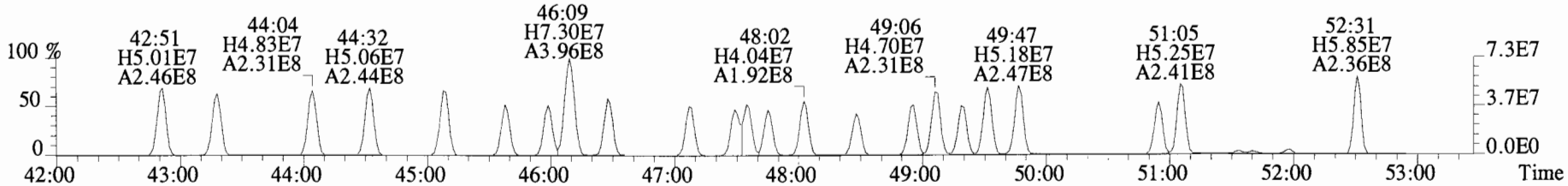
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,248180.0,0.00%,F,F)



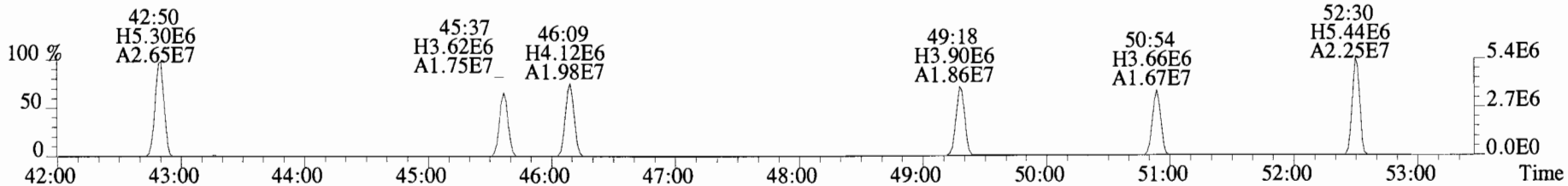
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,232312.0,0.00%,F,F)



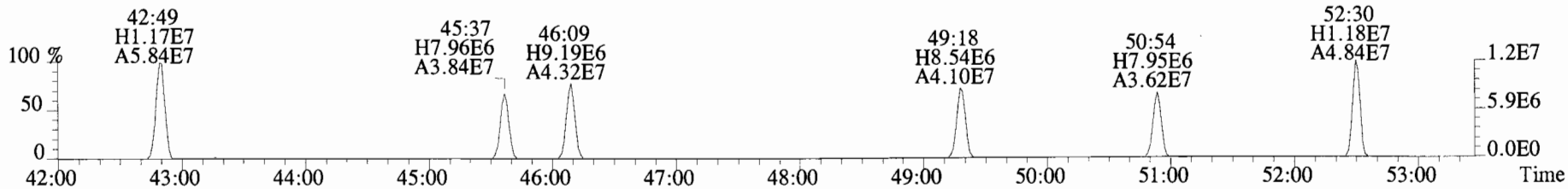
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,215832.0,0.00%,F,F)



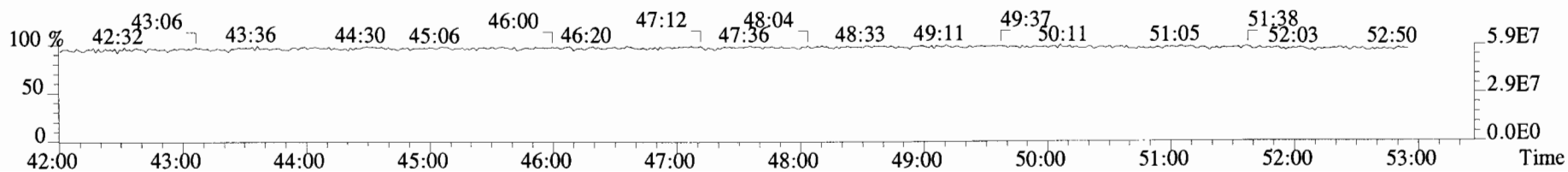
403.8457 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7636.0,0.00%,F,F)



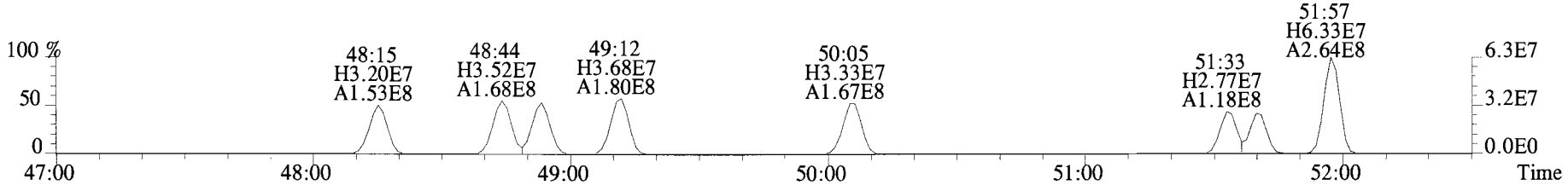
405.8428 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11096.0,0.00%,F,F)



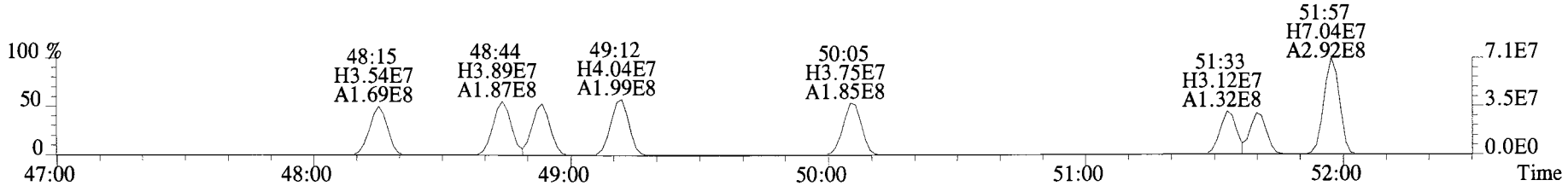
380.9760 S:5 F:4



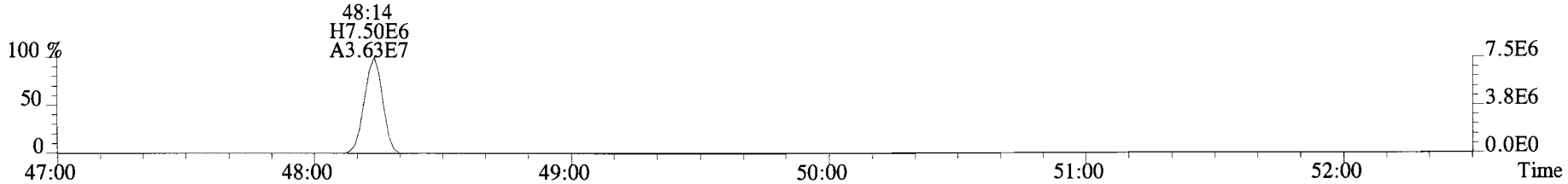
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37640.0,0.00%,F,F)



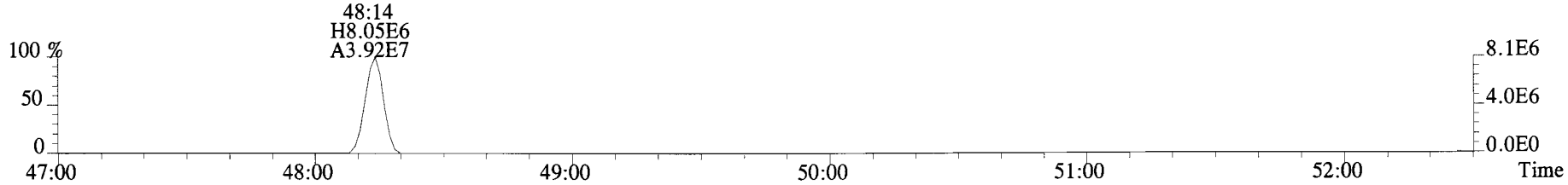
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



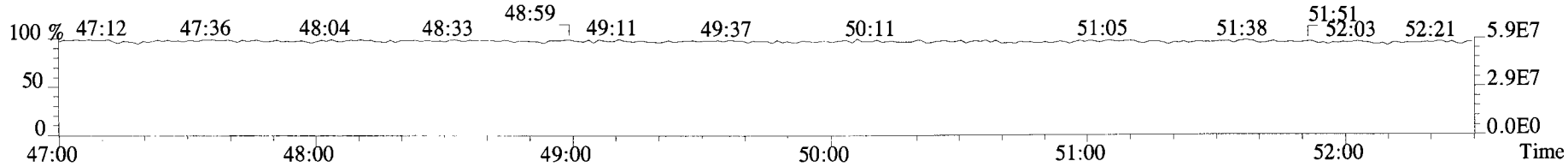
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



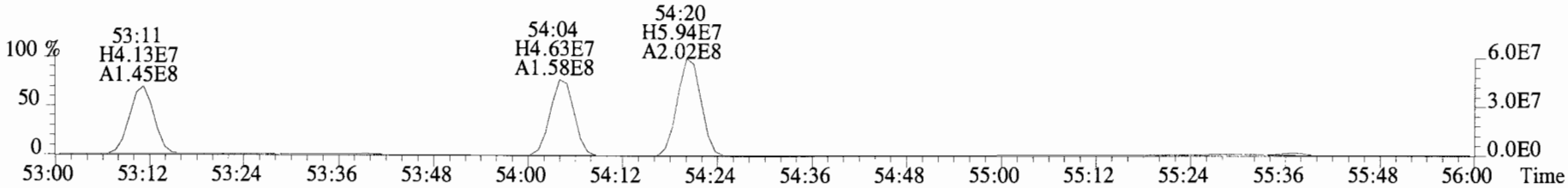
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3504.0,0.00%,F,F)



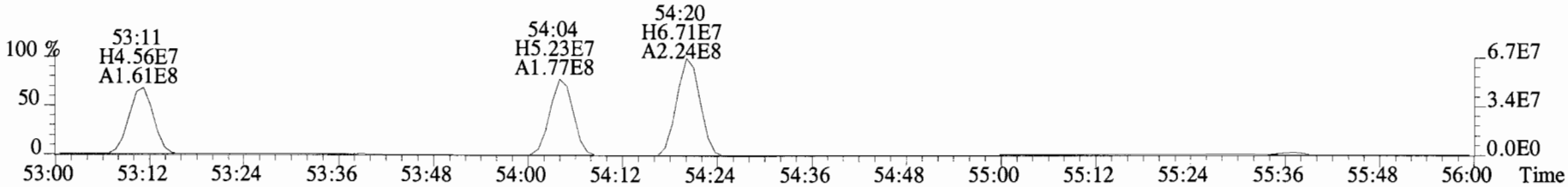
380.9760 S:5 F:4



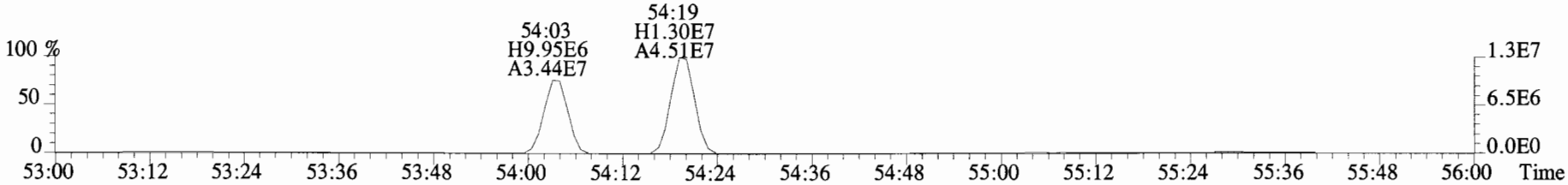
File:171027E1 #1-407 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,179796.0,0.00%,F,F)



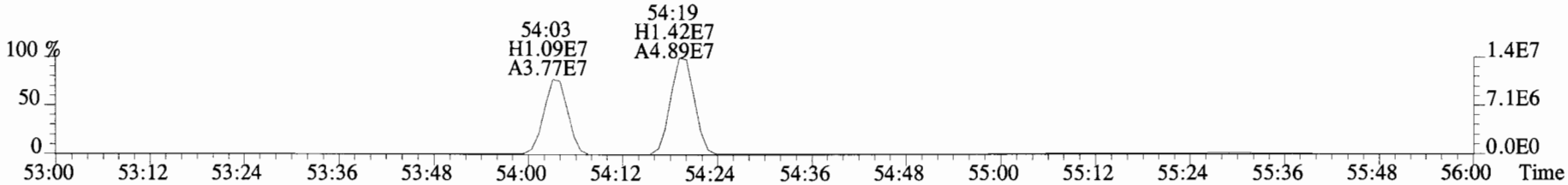
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,192556.0,0.00%,F,F)



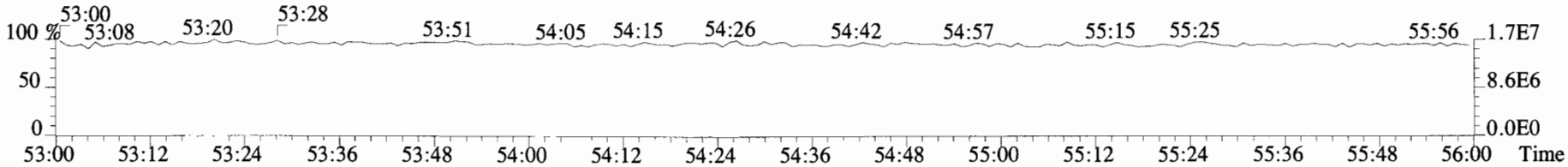
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5488.0,0.00%,F,F)



441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4756.0,0.00%,F,F)

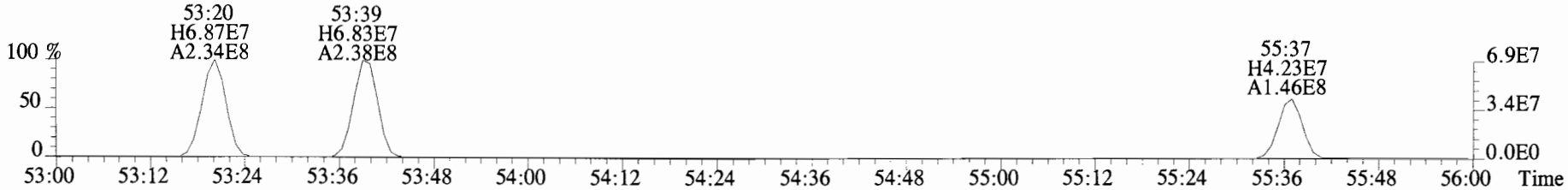


492.9697 S:5 F:5

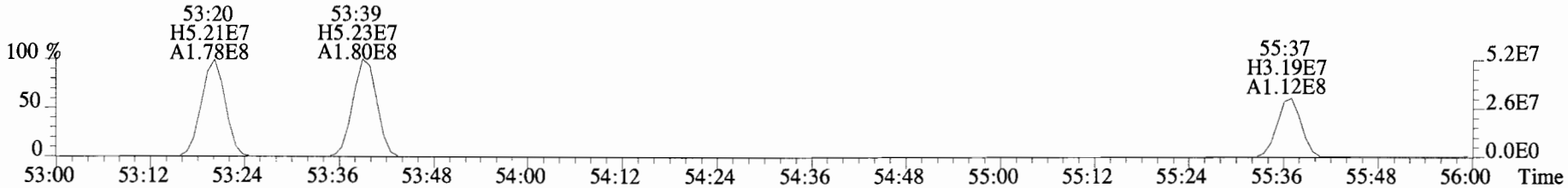


File:171027E1 #1-407 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

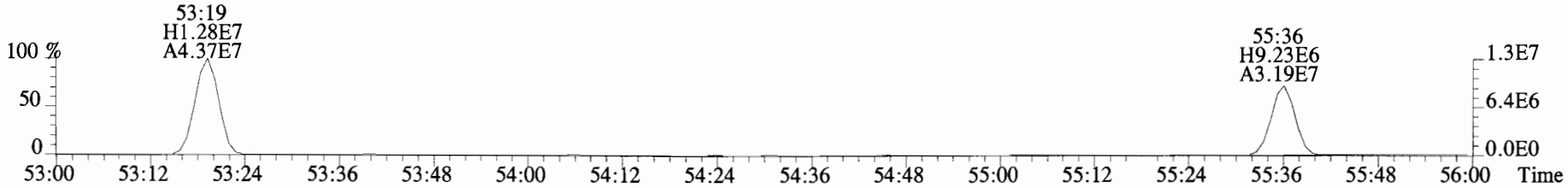
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,153632.0,0.00%,F,F)



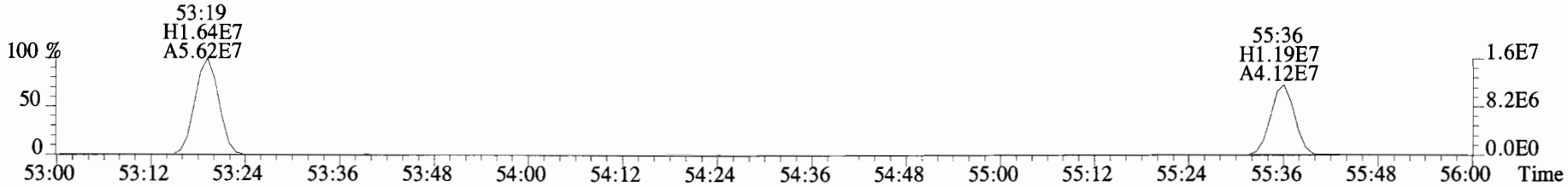
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113464.0,0.00%,F,F)



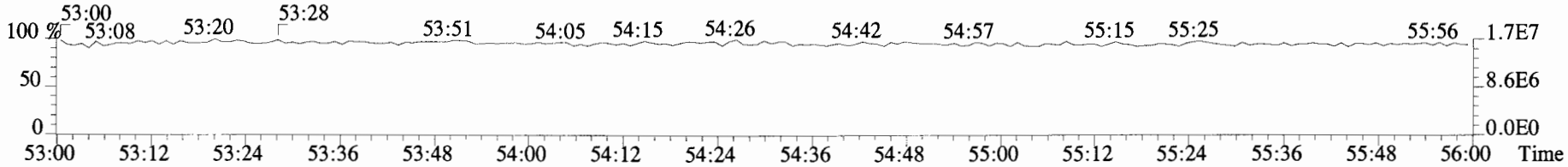
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38244.0,0.00%,F,F)



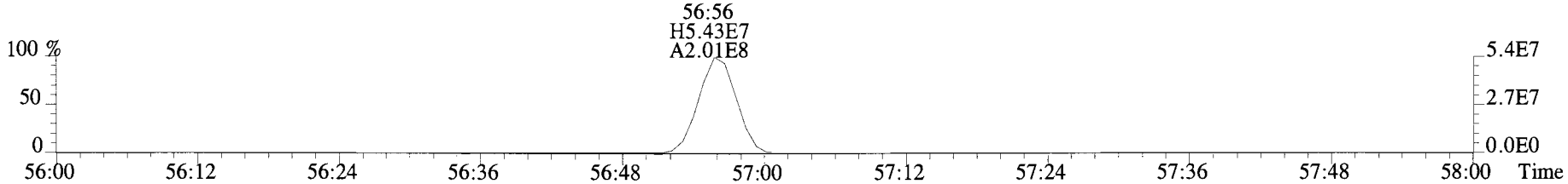
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45104.0,0.00%,F,F)



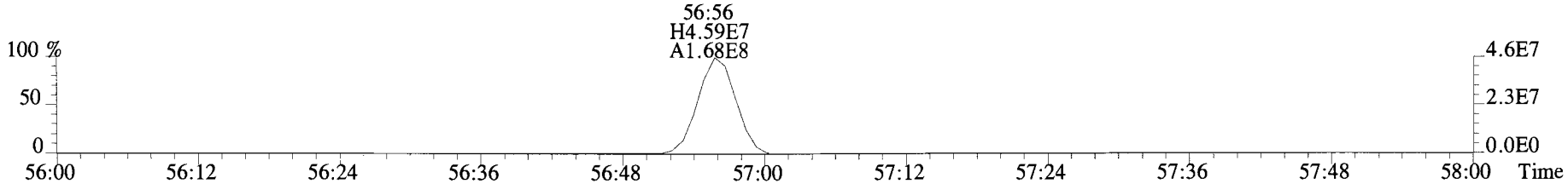
492.9697 S:5 F:5



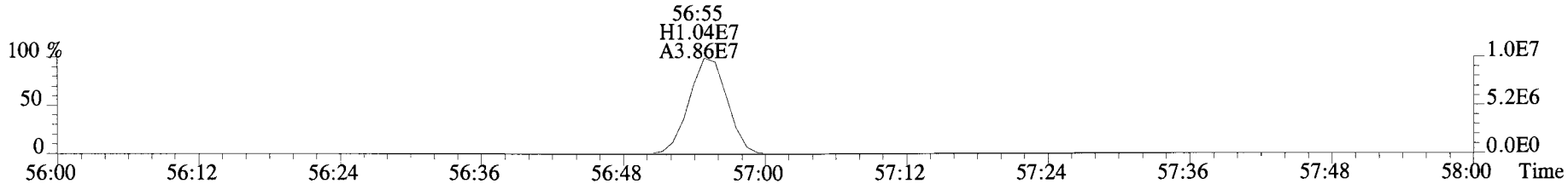
File:171027E1 #1-407 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



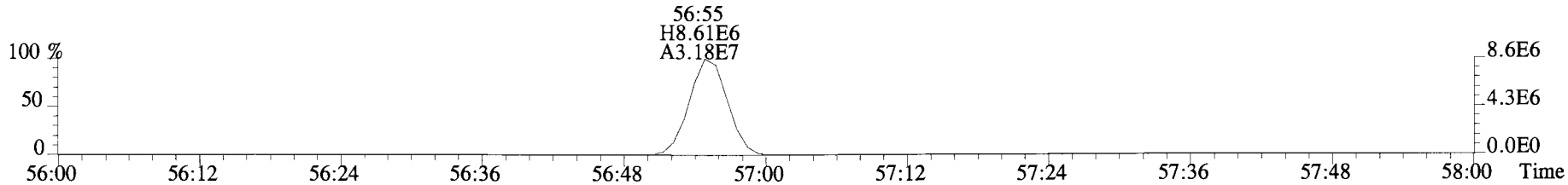
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



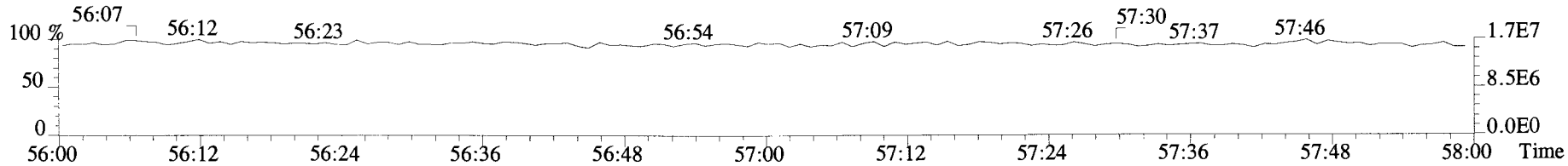
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)

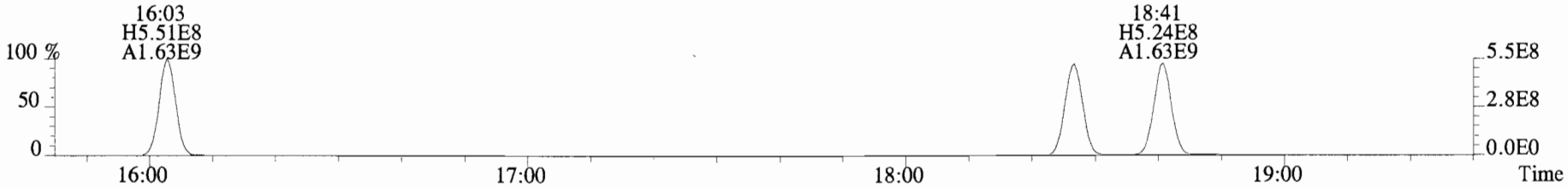


492.9697 S:5 F:5

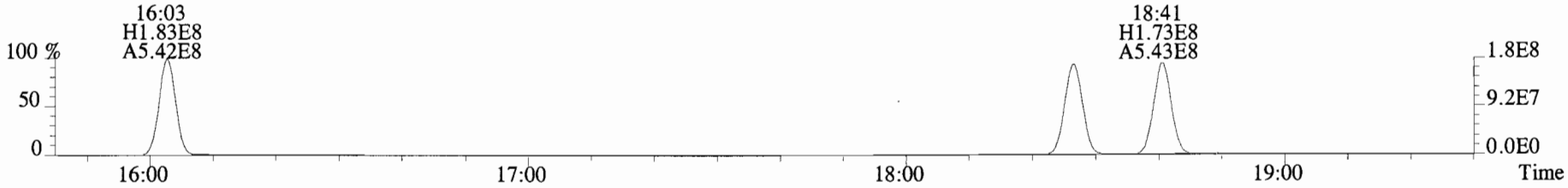


File:171027E1 #1-867 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

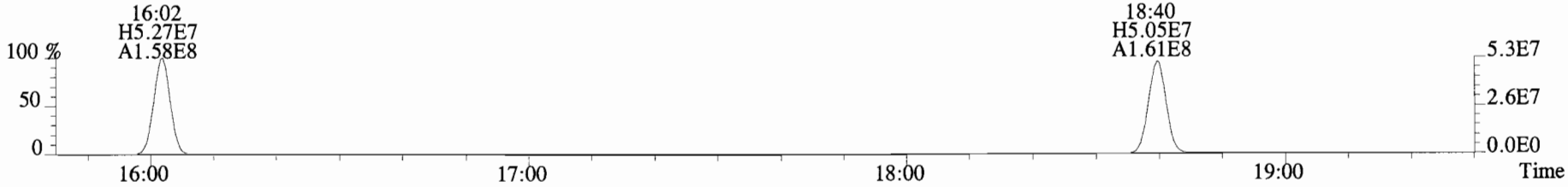
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9328.0,0.00%,F,F)



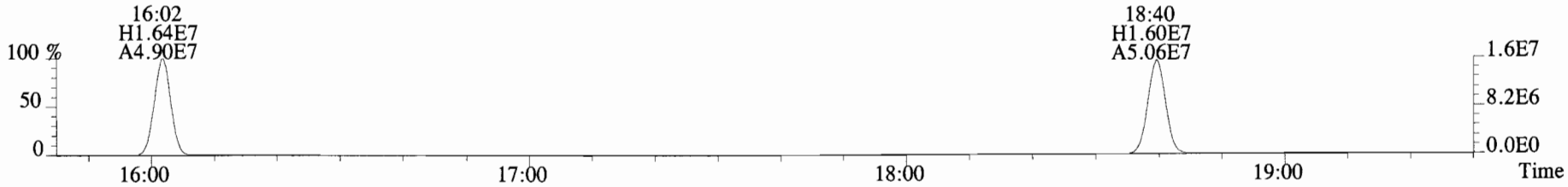
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



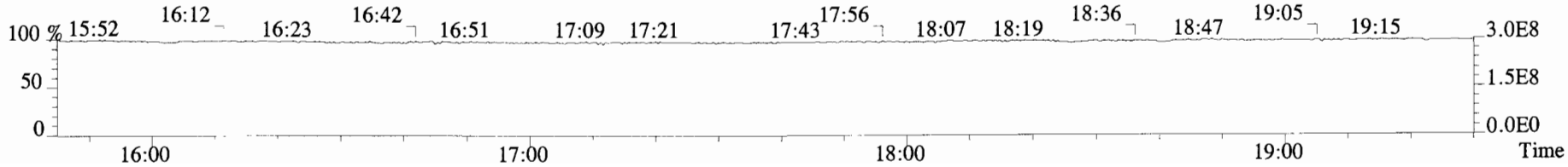
200.0795 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7488.0,0.00%,F,F)



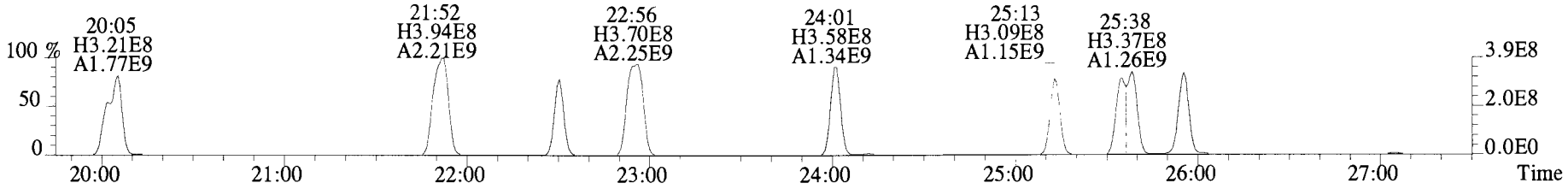
202.0766 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13860.0,0.00%,F,F)



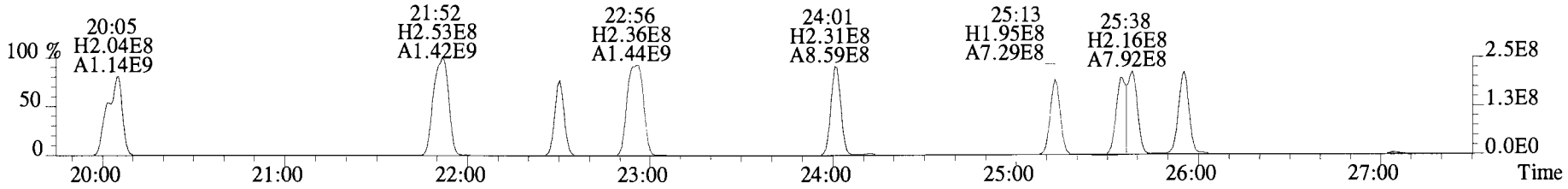
180.9880 S:6



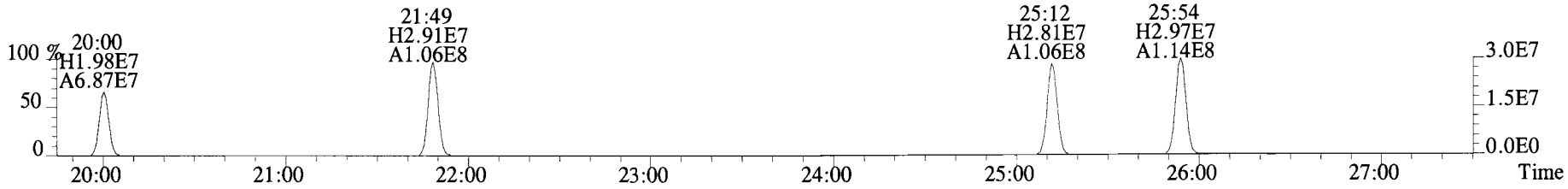
File:171027E1 #1-757 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,88920.0,0.00%,F,F)



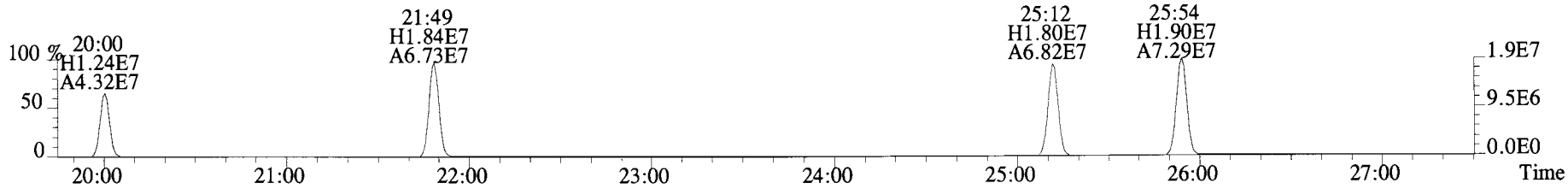
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73040.0,0.00%,F,F)



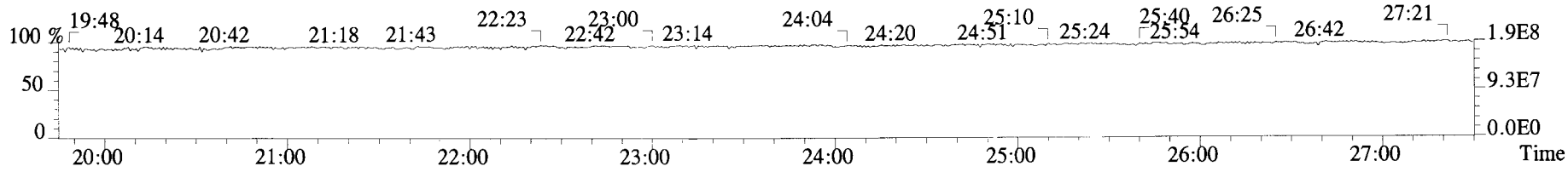
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5388.0,0.00%,F,F)



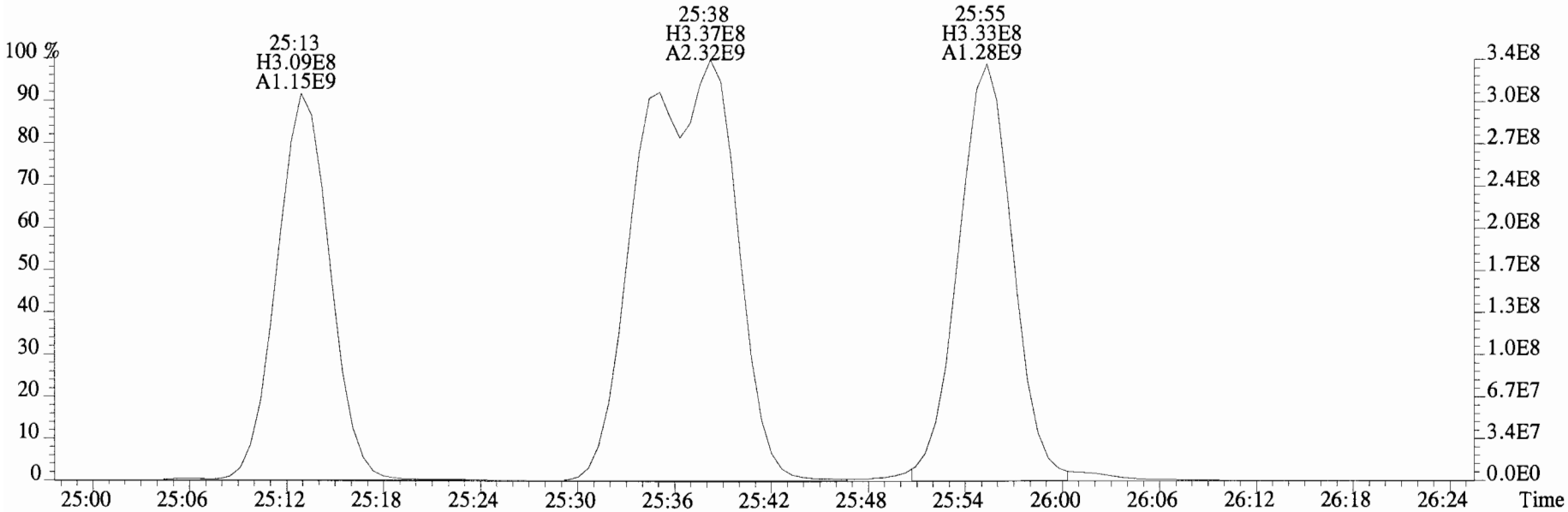
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4840.0,0.00%,F,F)



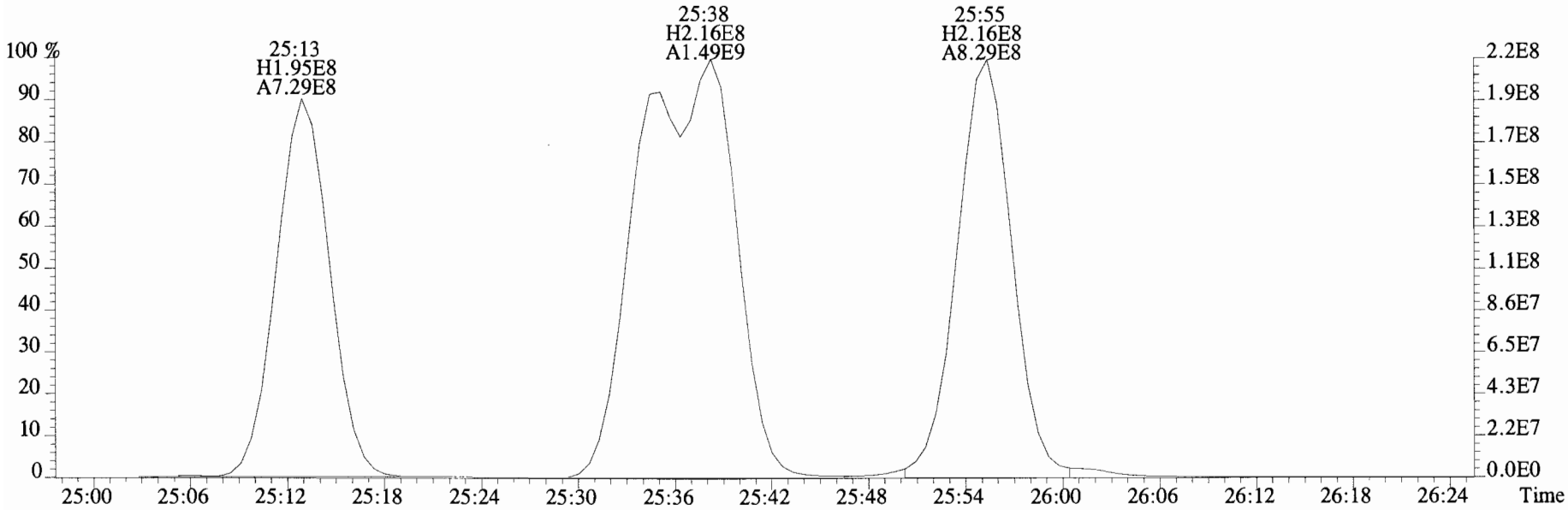
230.9856 S:6 F:2



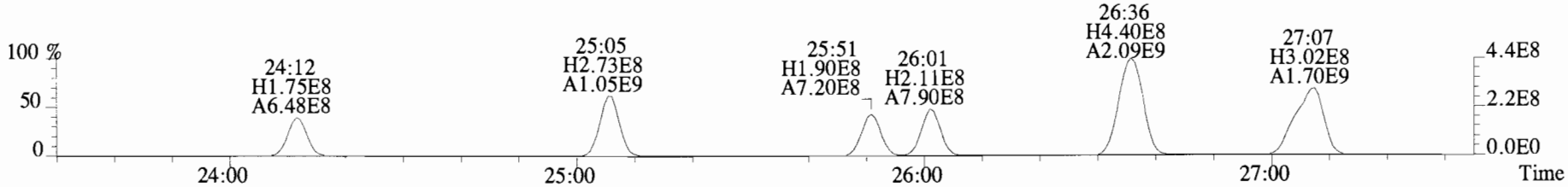
File:171027E1 #1-757 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,88920.0,0.00%,F,F)



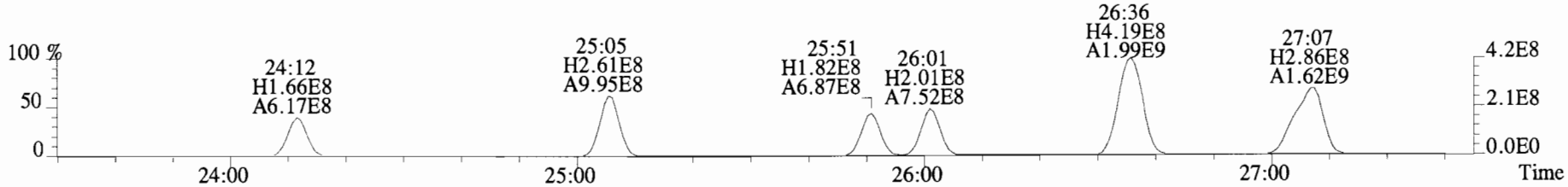
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73040.0,0.00%,F,F)



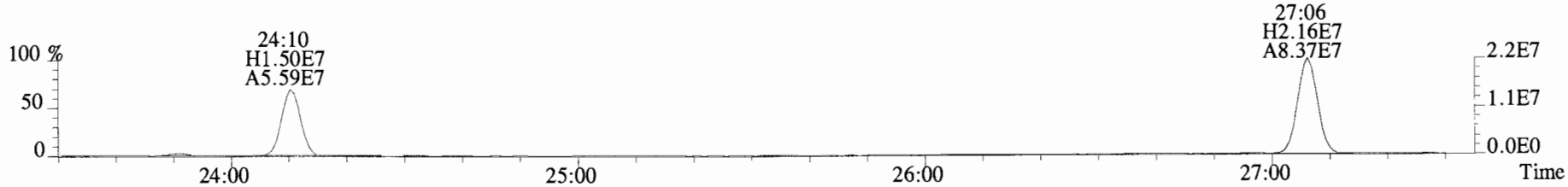
File:171027E1 #1-757 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4292.0,0.00%,F,F)



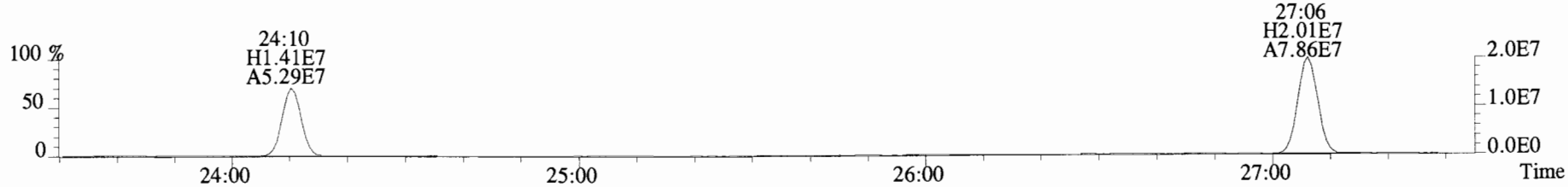
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3636.0,0.00%,F,F)



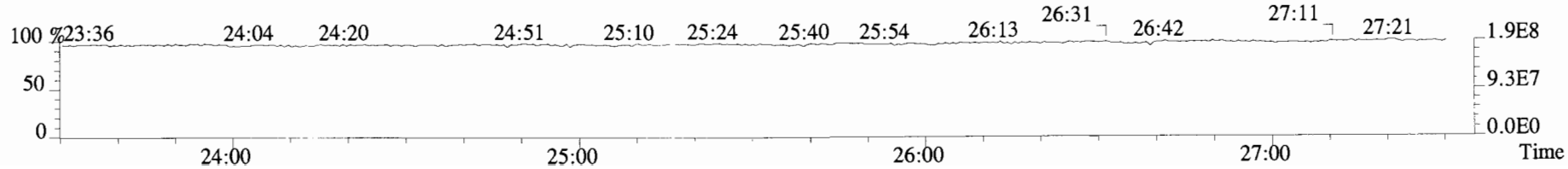
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107952.0,0.00%,F,F)



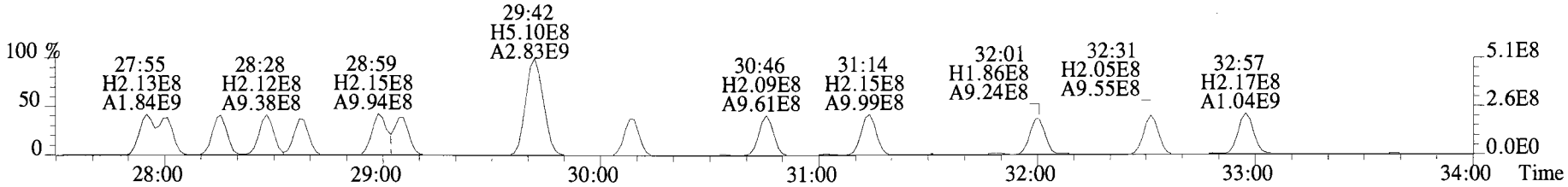
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87176.0,0.00%,F,F)



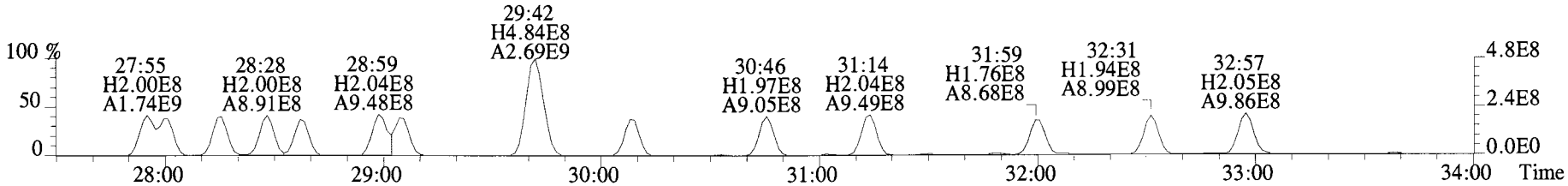
230.9856 S:6 F:2



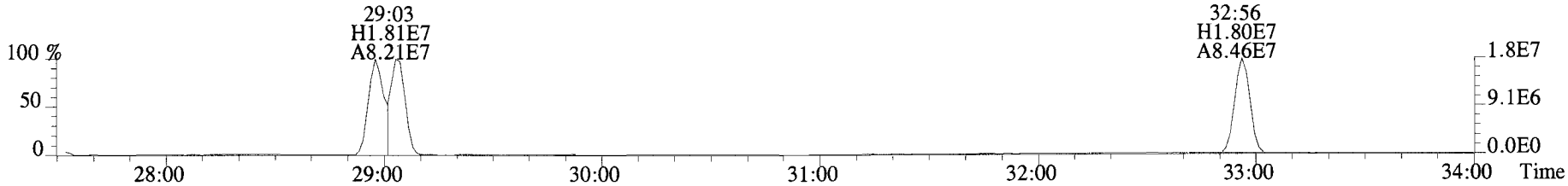
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,227800.0,0.00%,F,F)



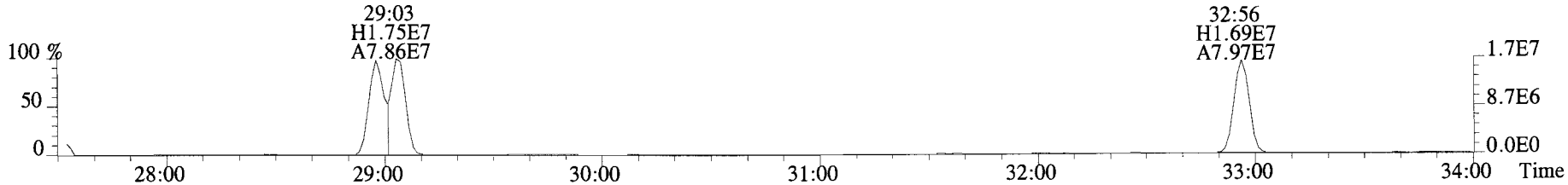
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223548.0,0.00%,F,F)



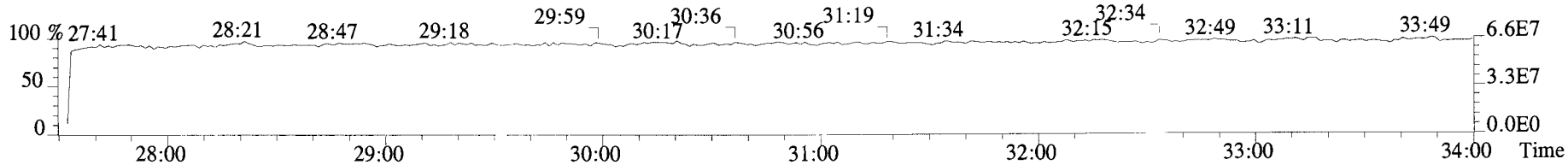
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101996.0,0.00%,F,F)



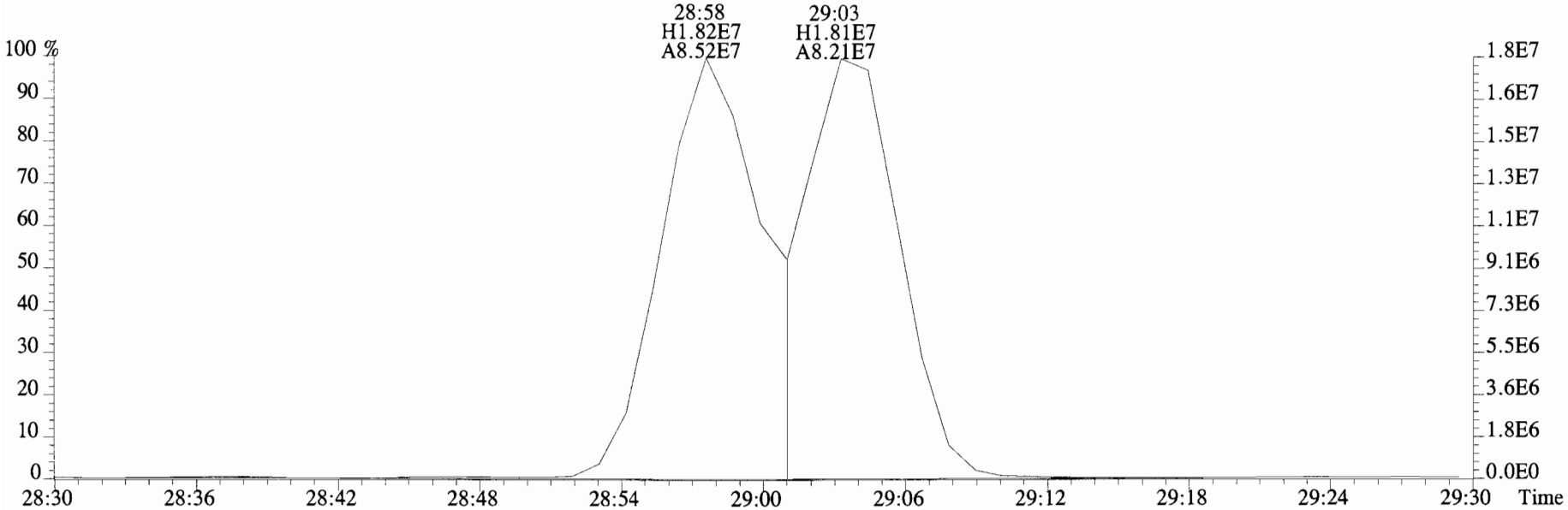
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50464.0,0.00%,F,F)



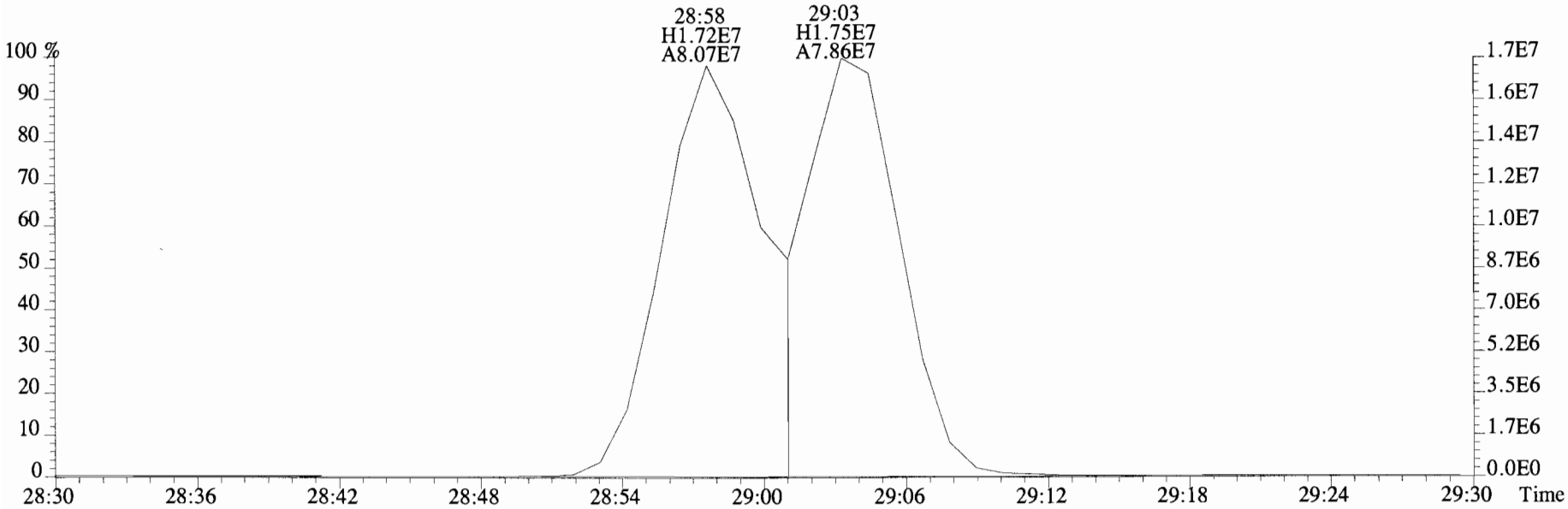
330.9792 S:6 F:3



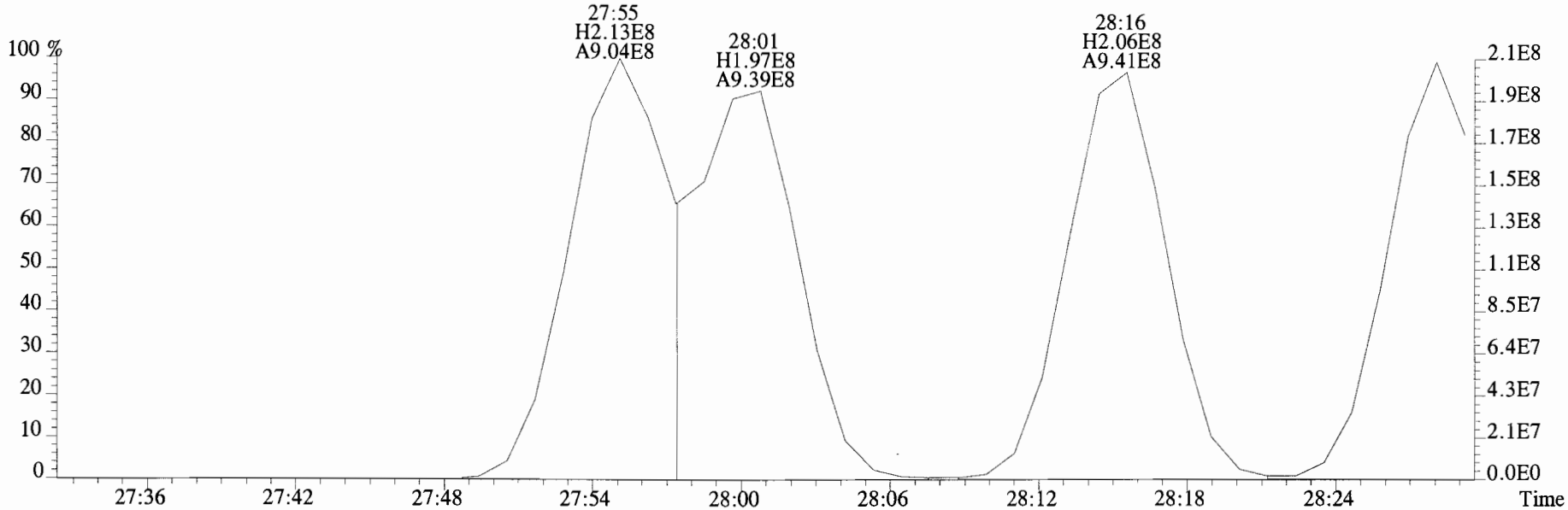
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101996.0,0.00%,F,F)



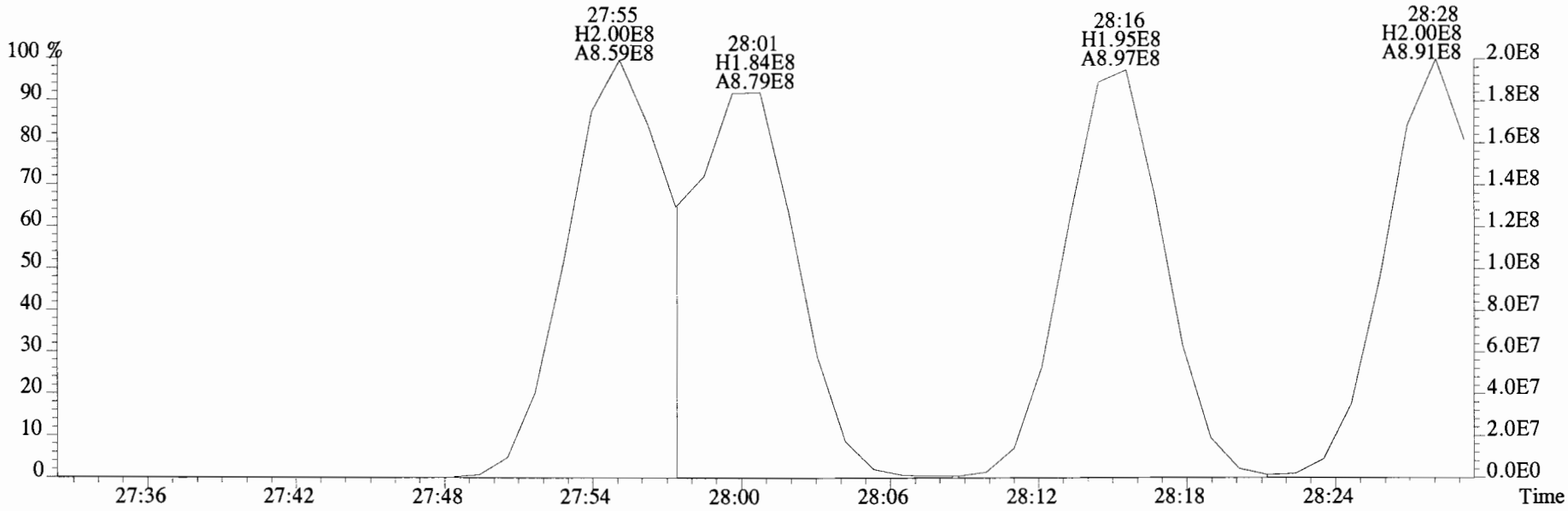
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50464.0,0.00%,F,F)



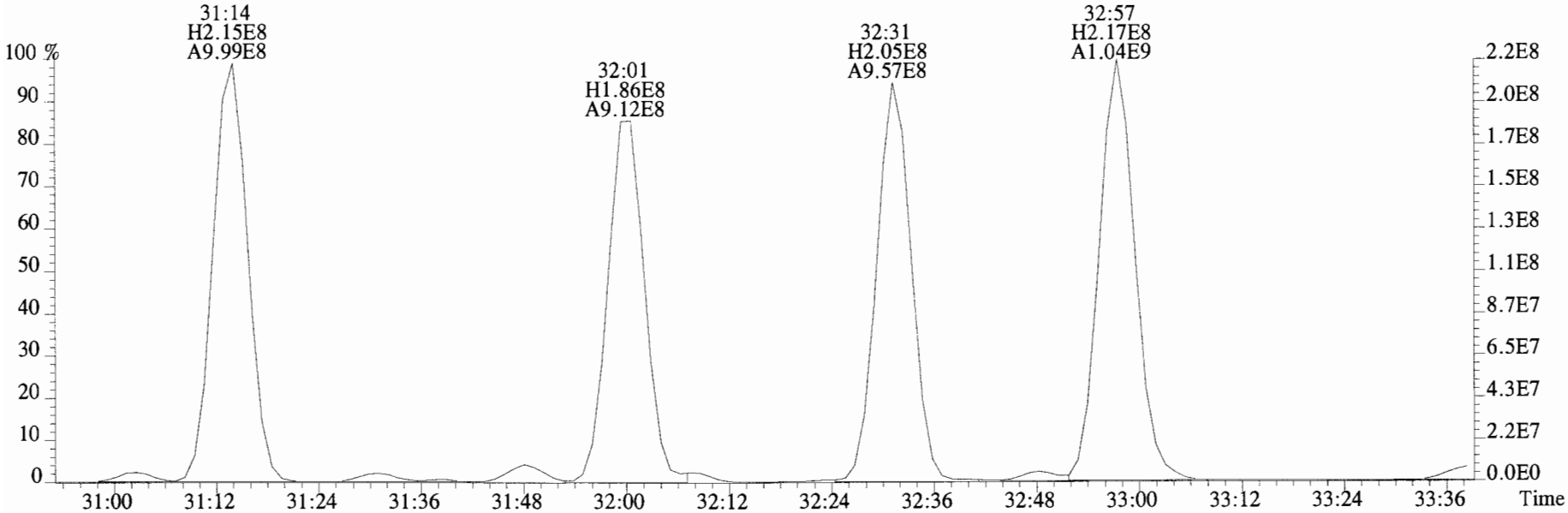
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,227800.0,0.00%,F,F)



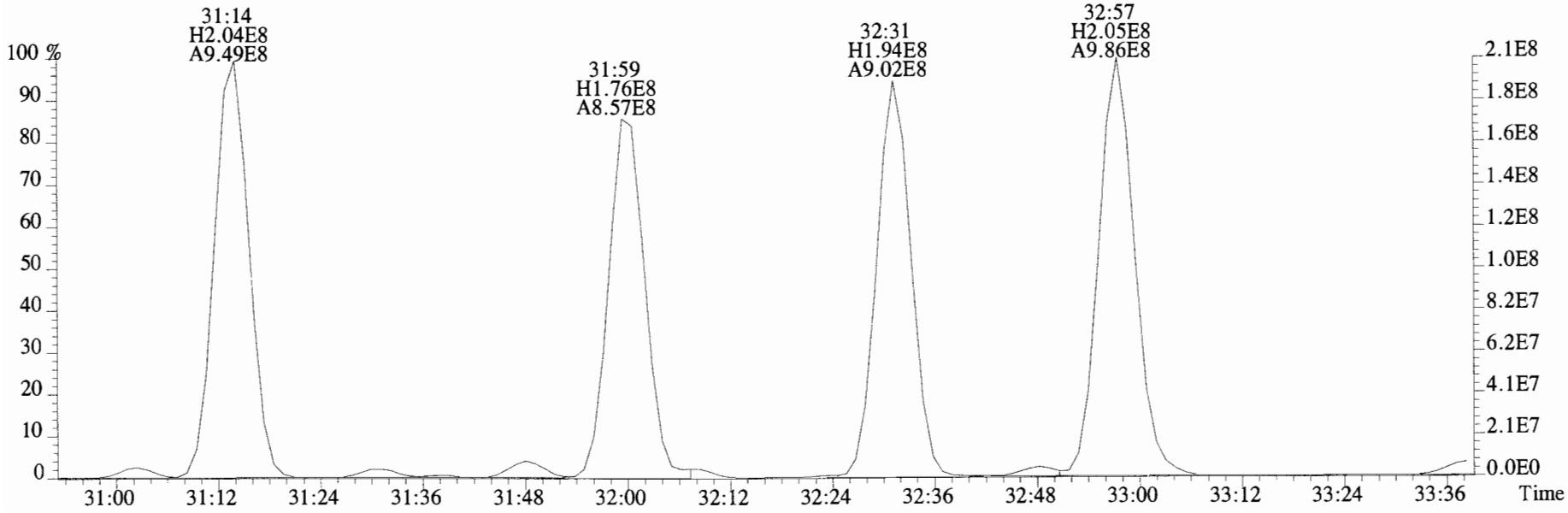
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223548.0,0.00%,F,F)



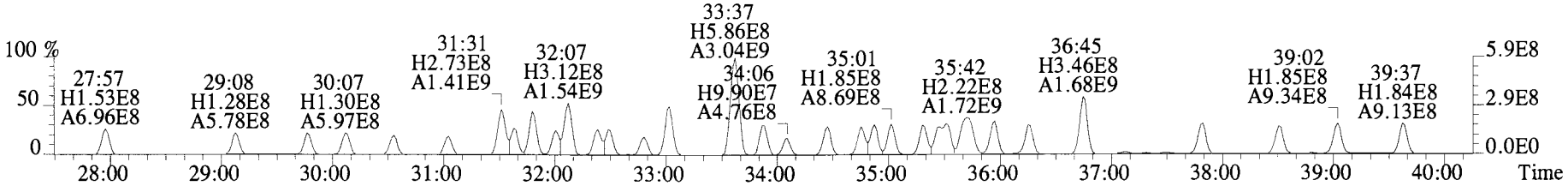
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,227800.0,0.00%,F,F)



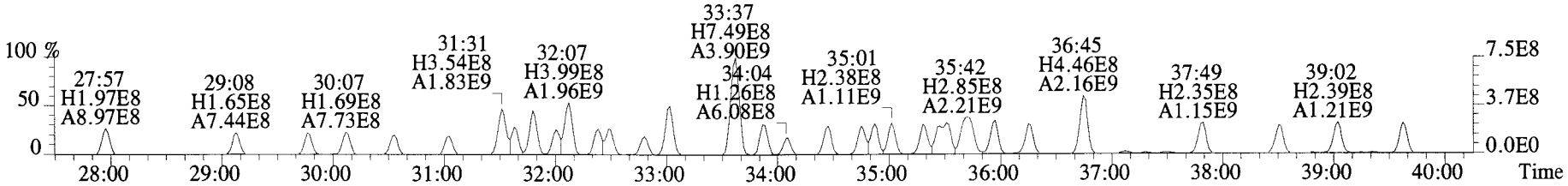
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223548.0,0.00%,F,F)



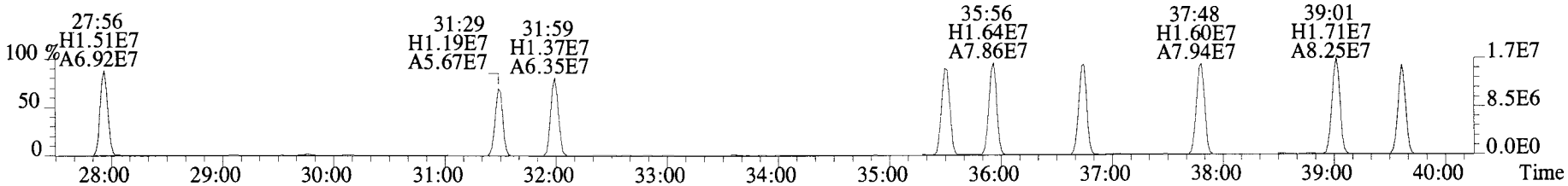
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



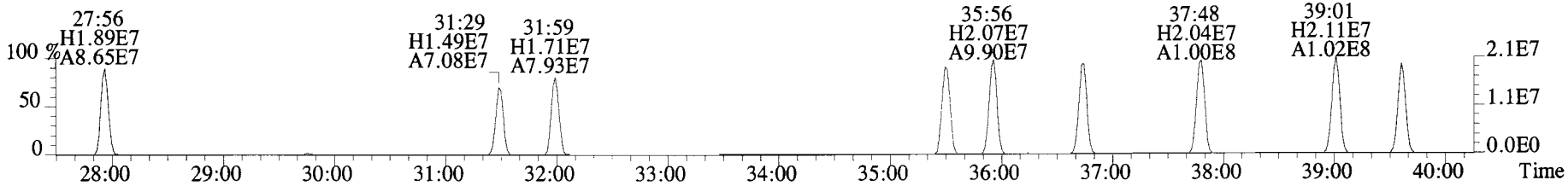
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



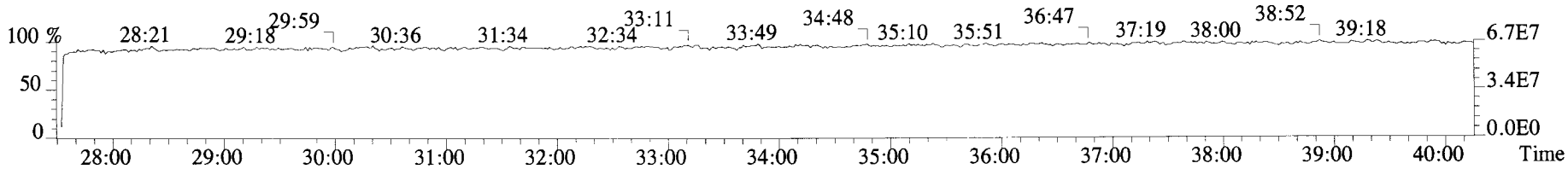
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



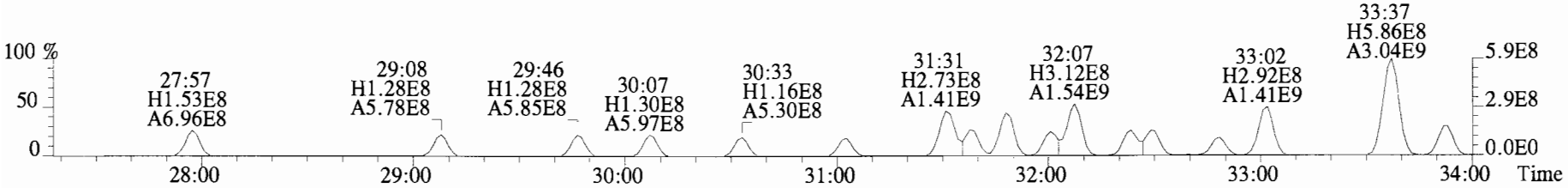
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



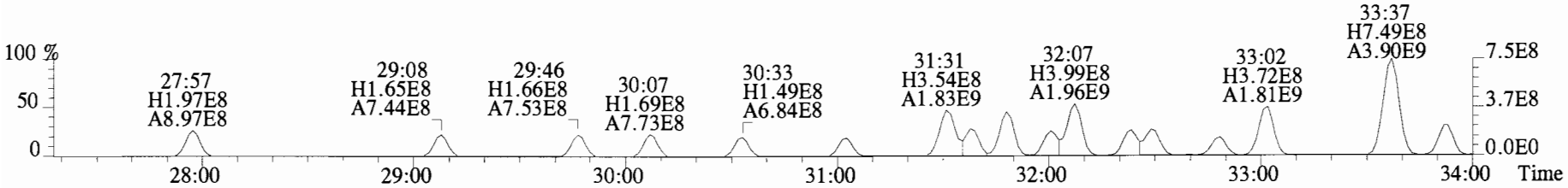
330.9792 S:6 F:3



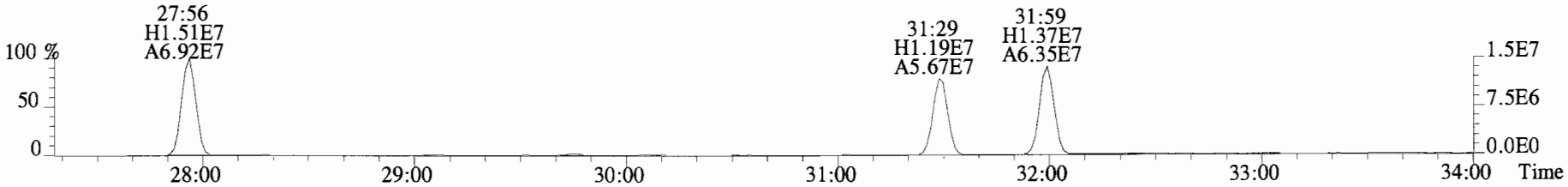
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



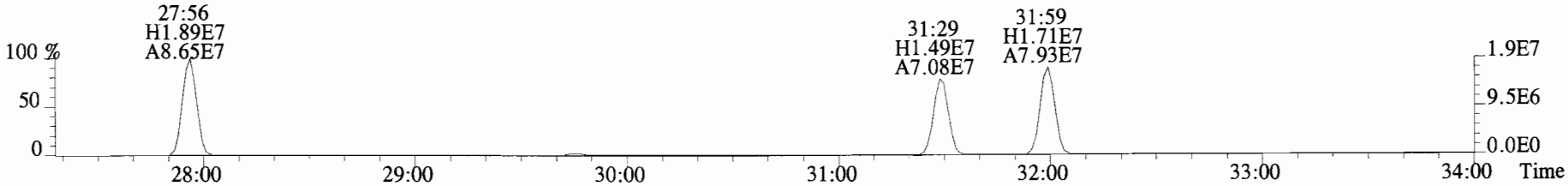
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



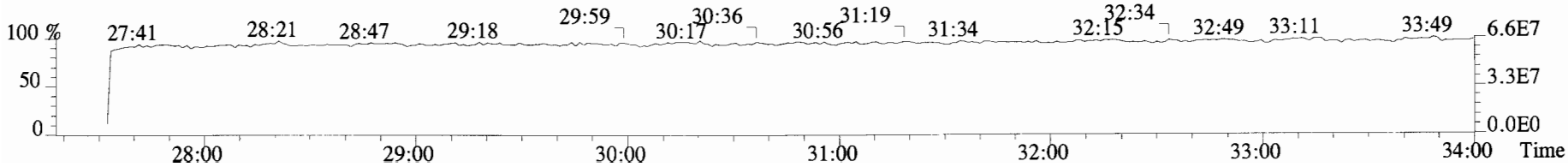
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



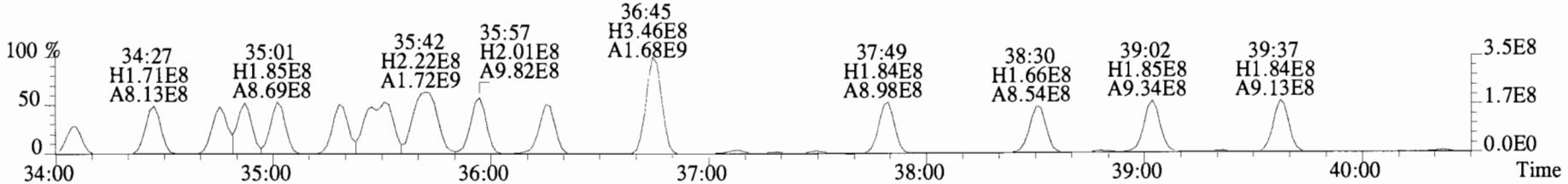
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



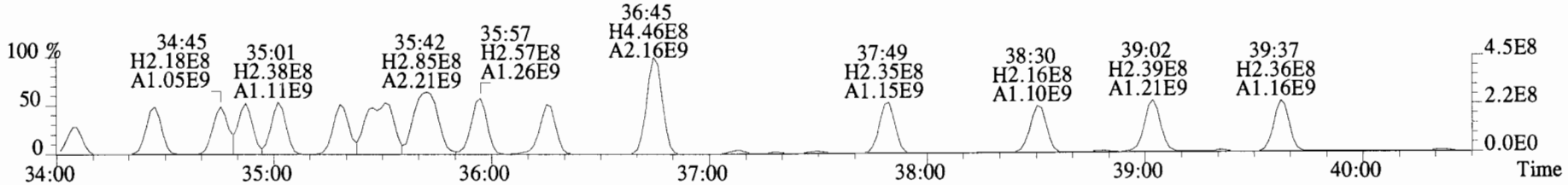
330.9792 S:6 F:3



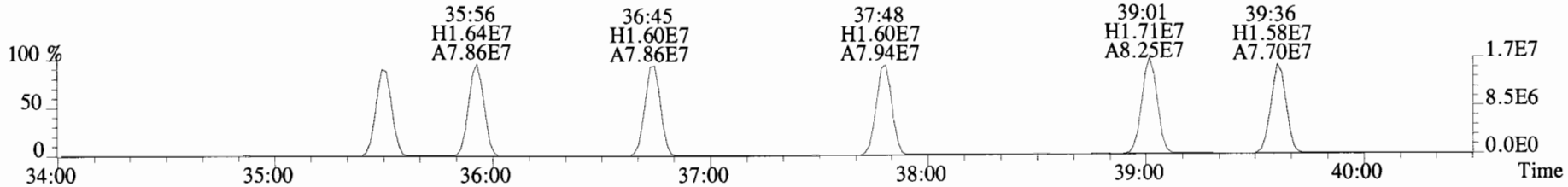
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



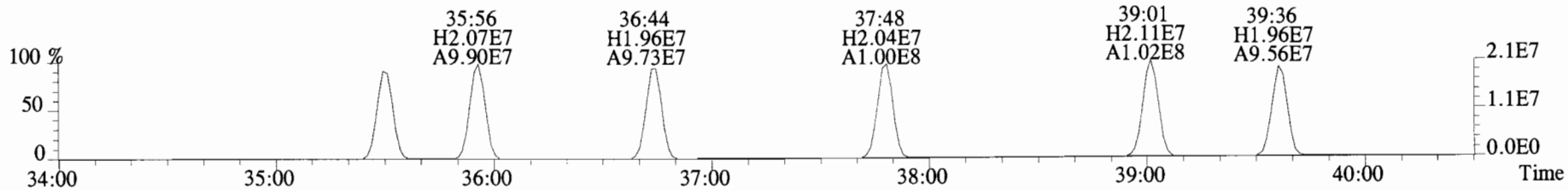
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



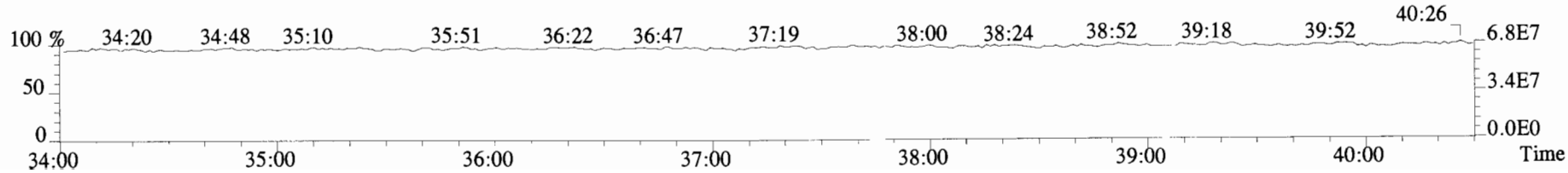
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



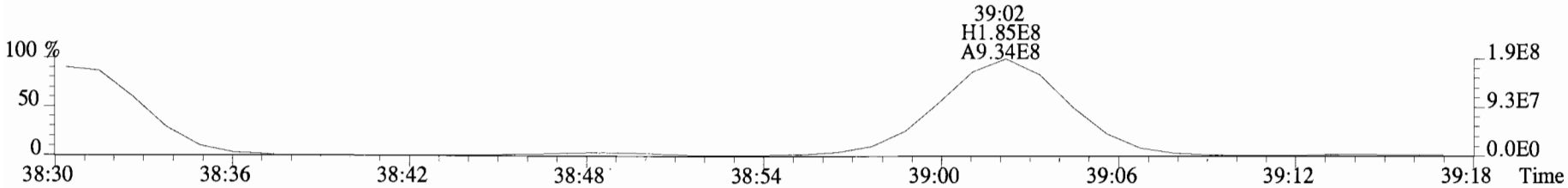
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



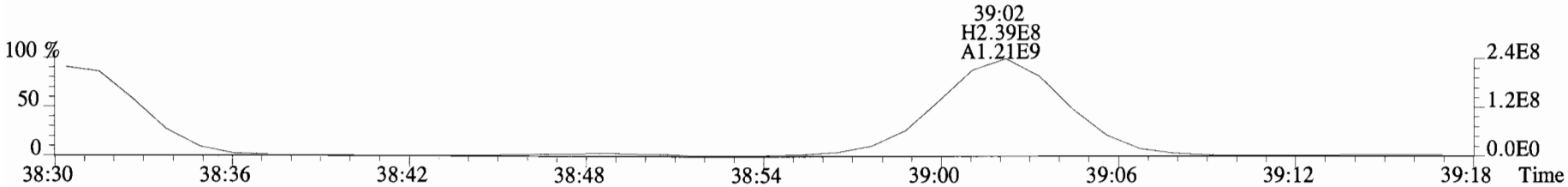
330.9792 S:6 F:3



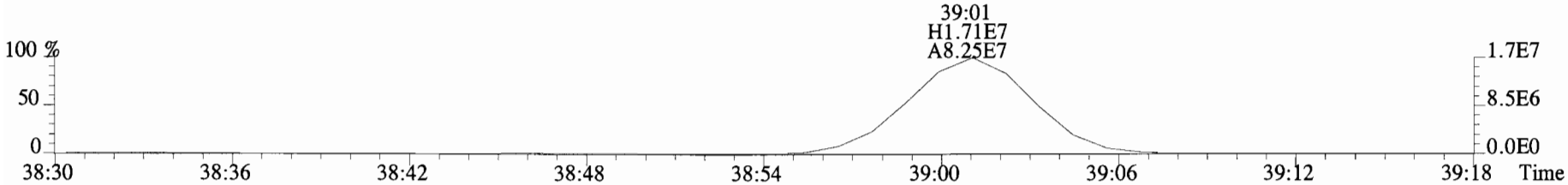
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



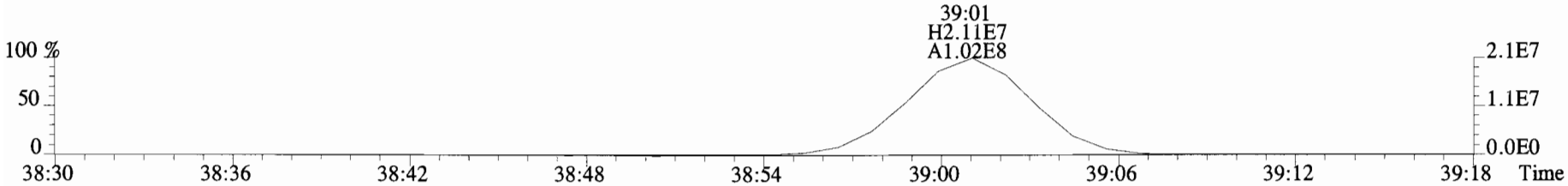
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



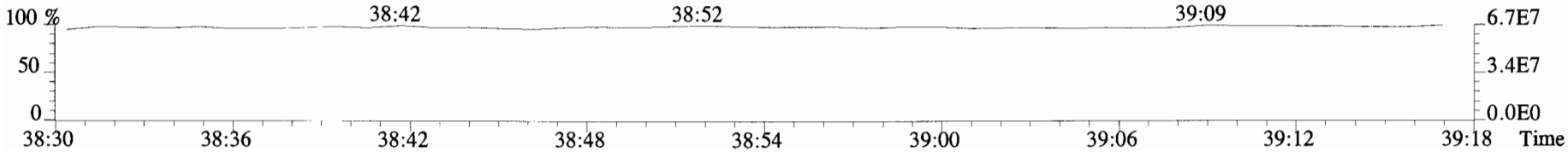
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



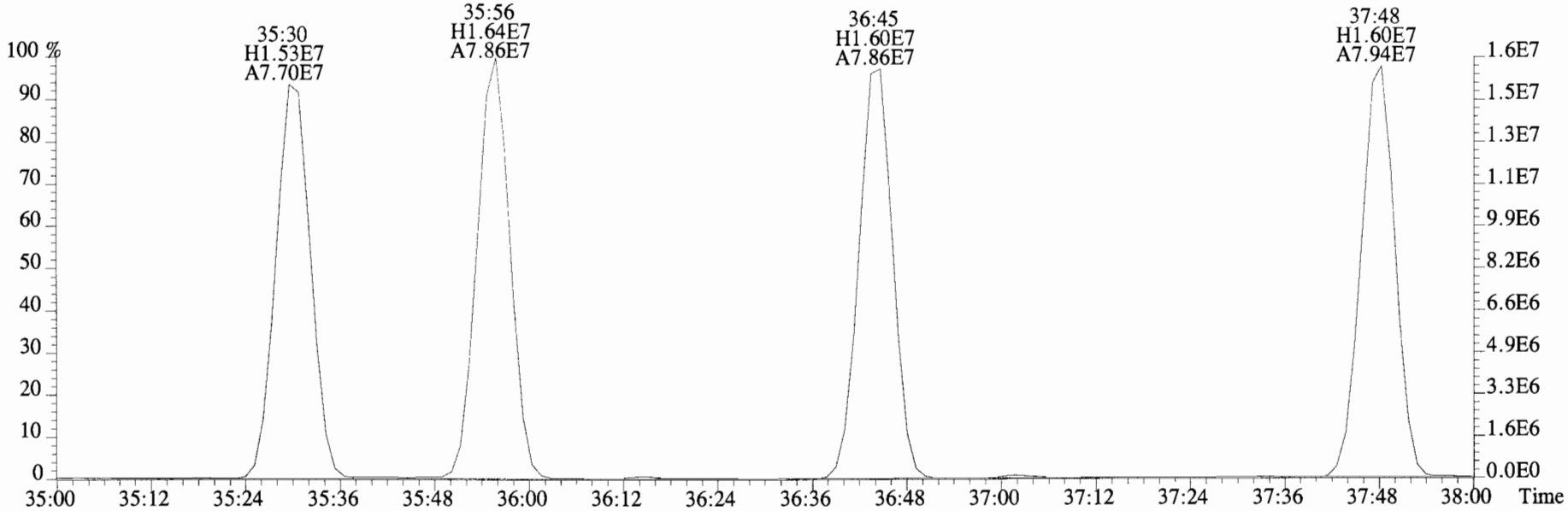
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



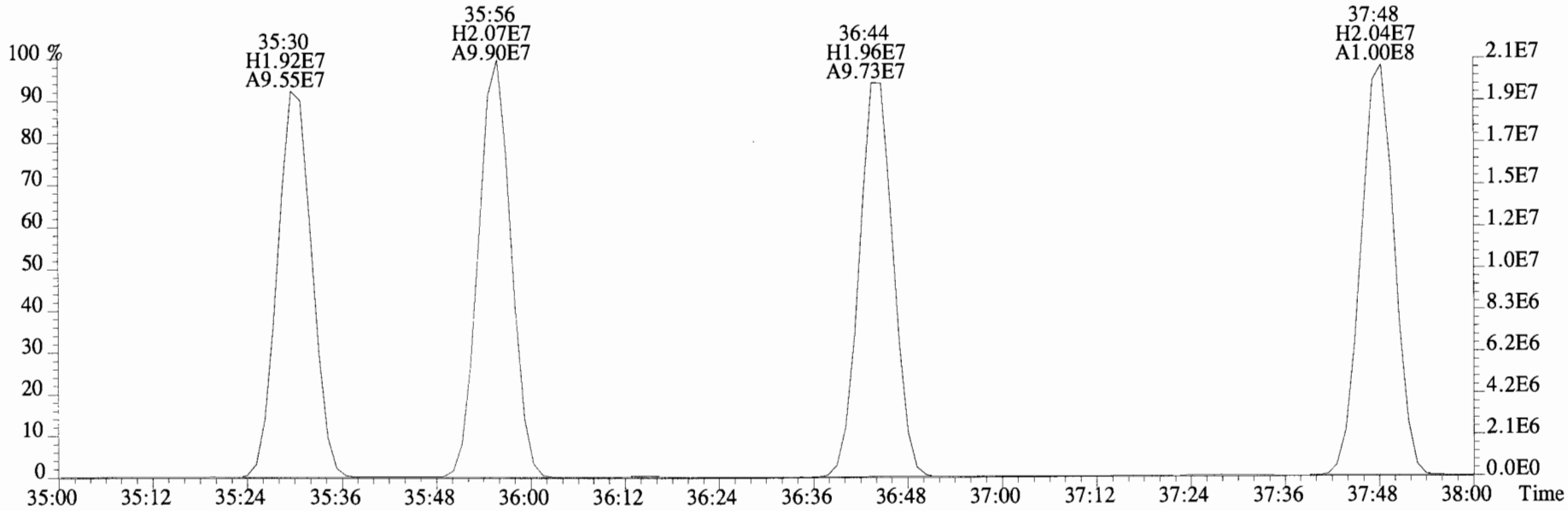
330.9792 S:6 F:3



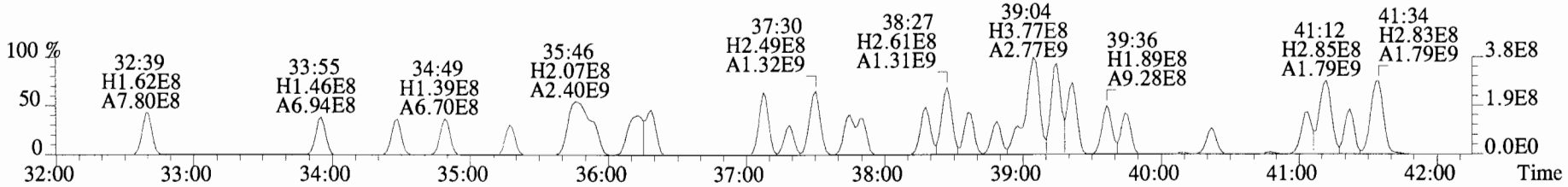
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



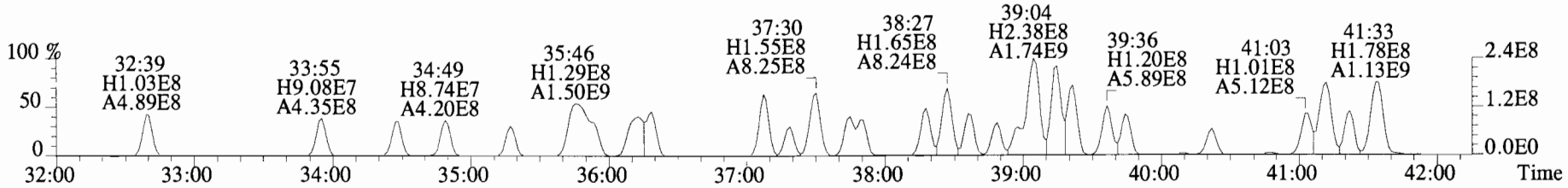
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



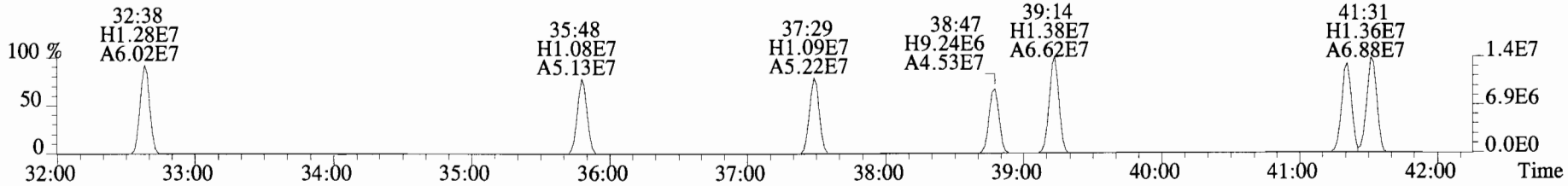
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



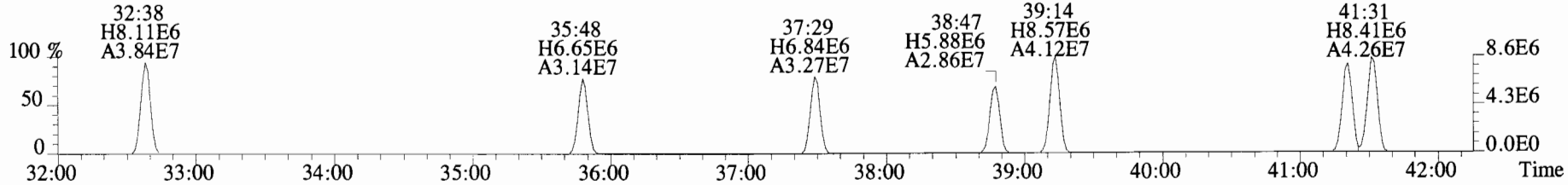
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



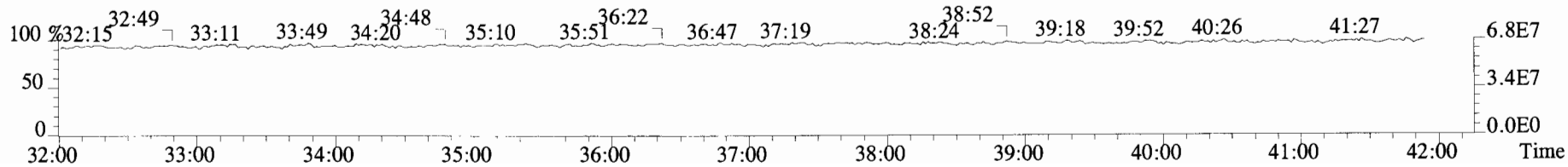
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



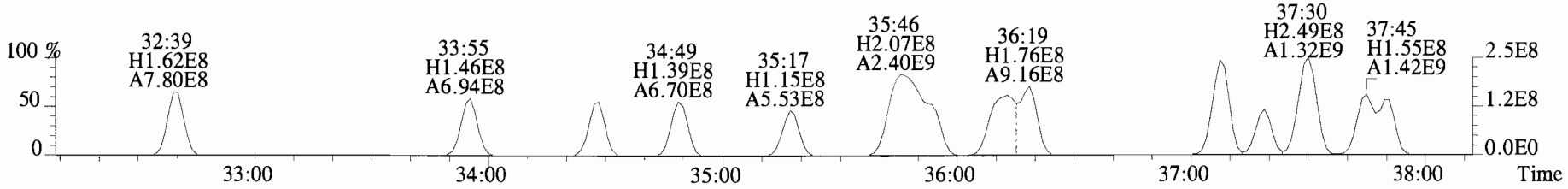
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



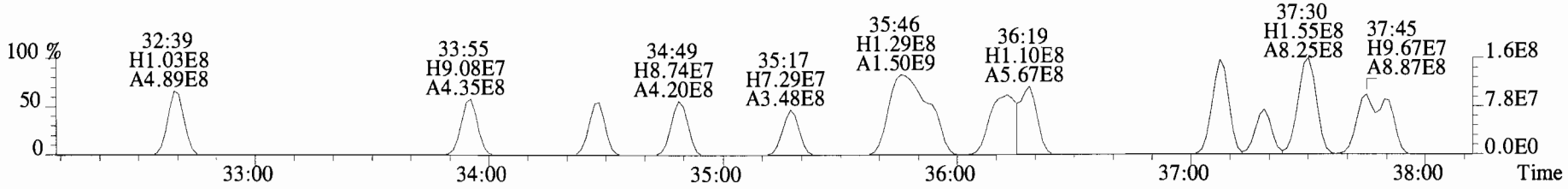
330.9792 S:6 F:3



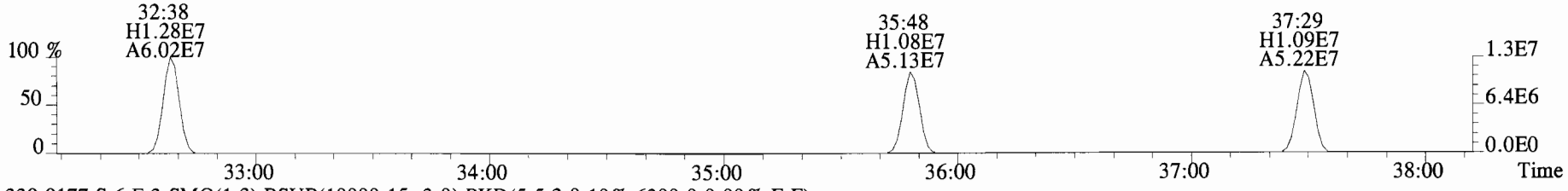
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



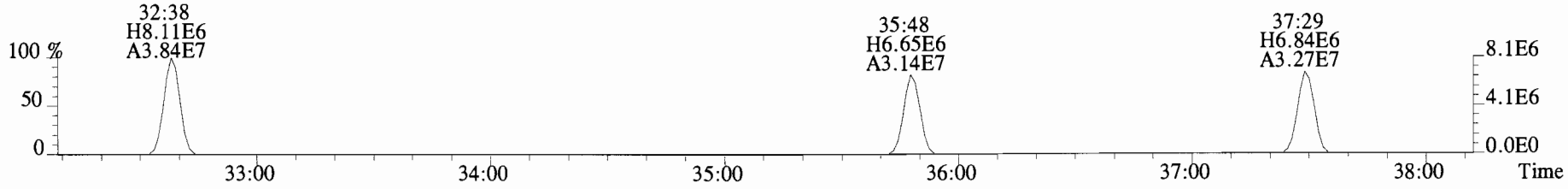
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



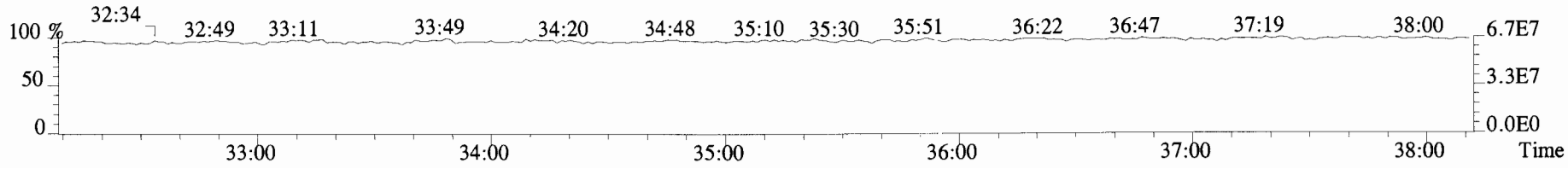
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



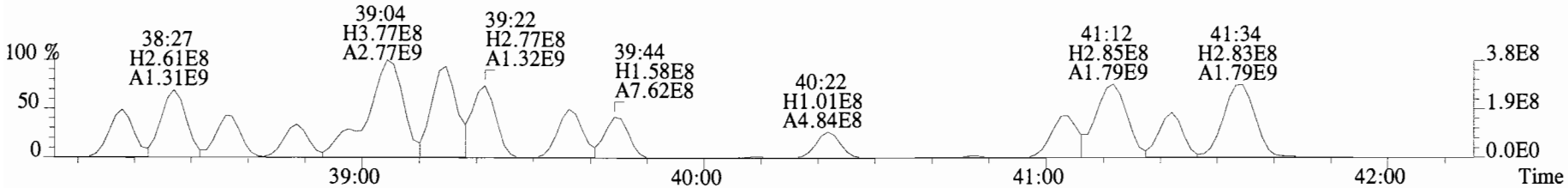
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



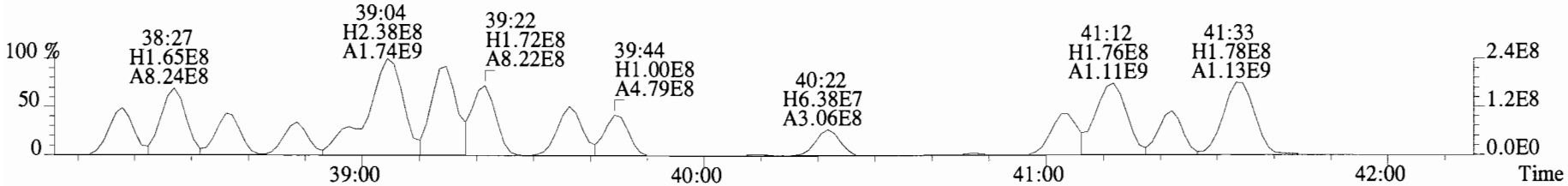
330.9792 S:6 F:3



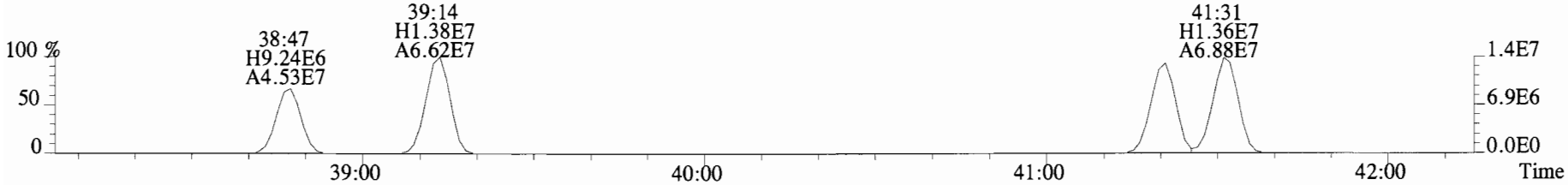
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



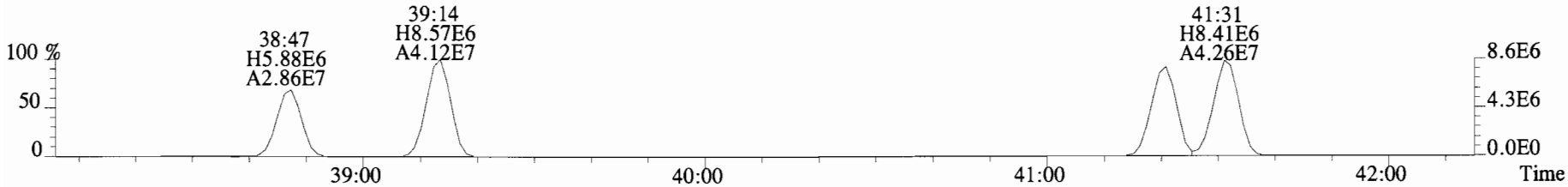
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



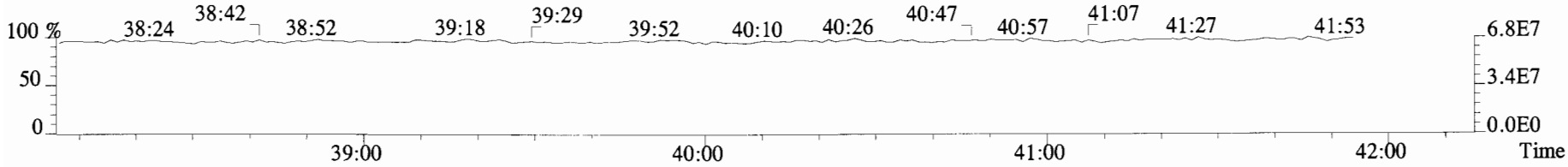
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



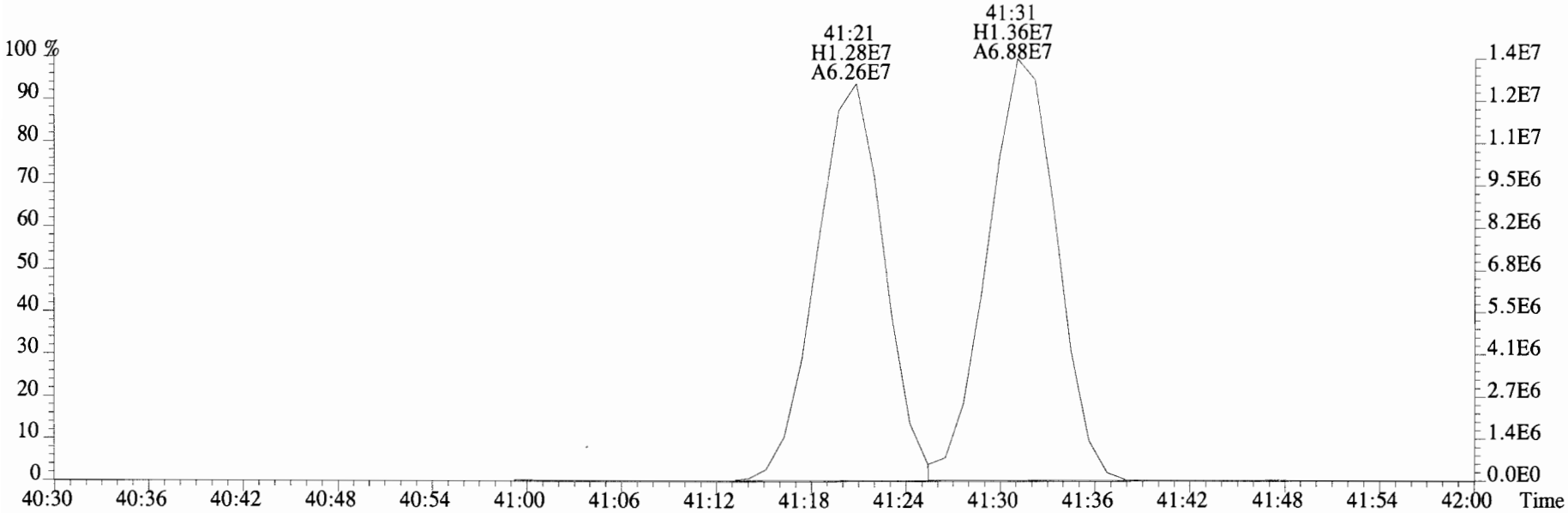
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



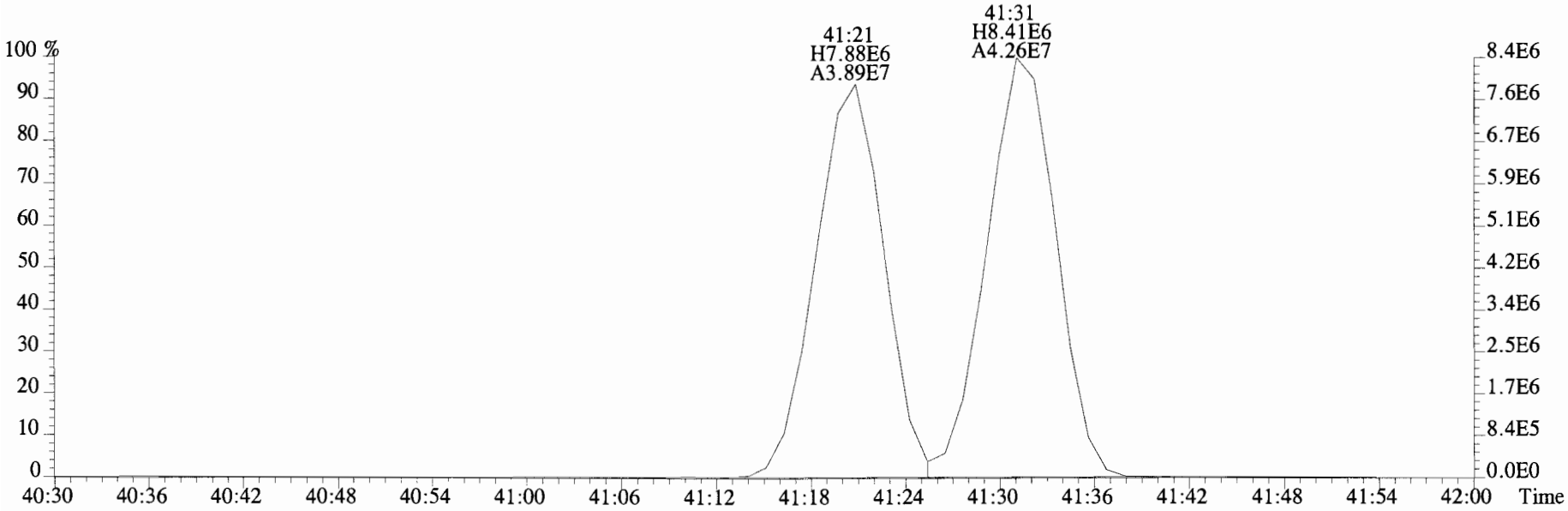
330.9792 S:6 F:3



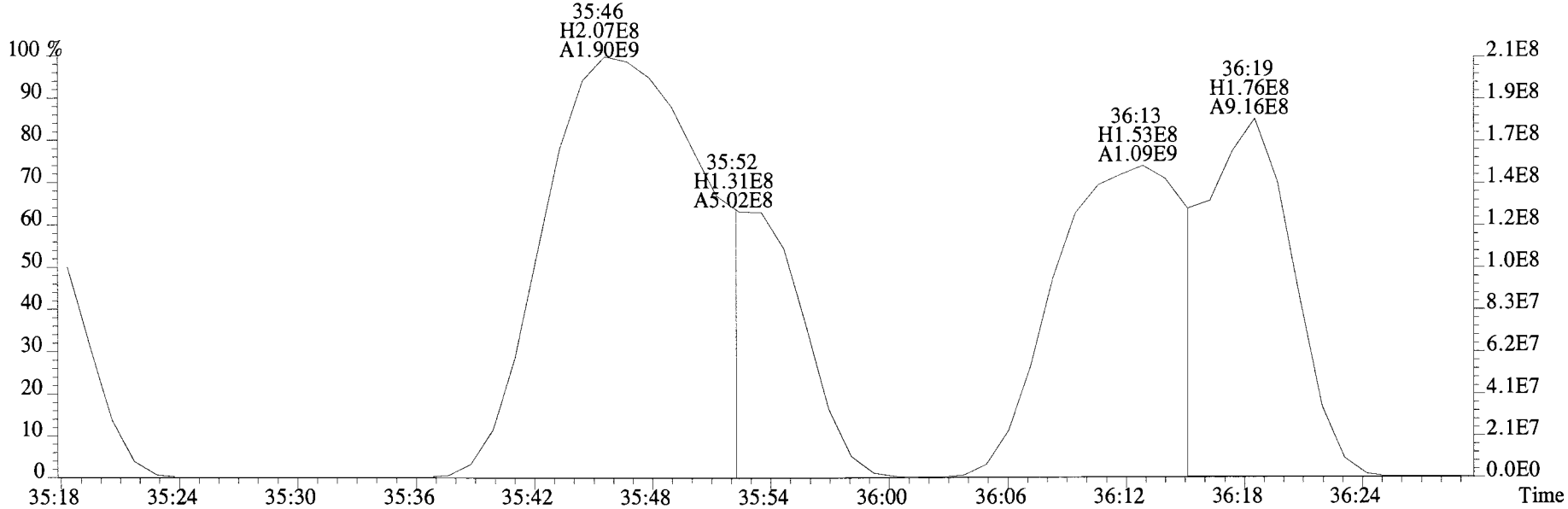
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



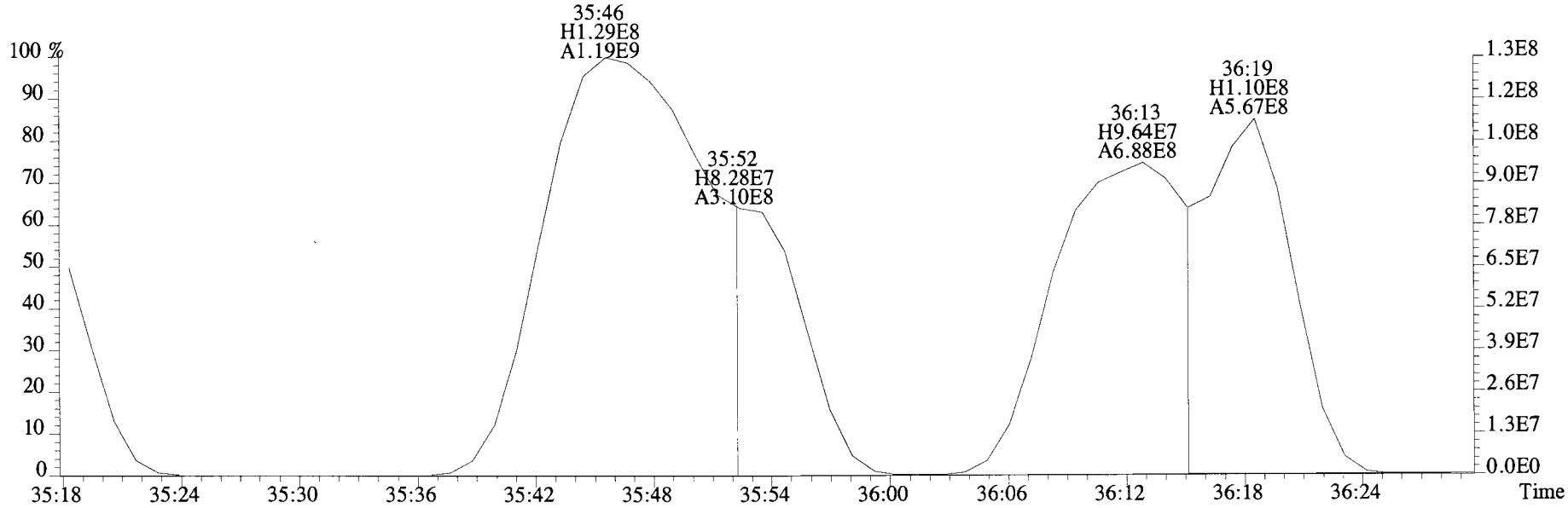
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



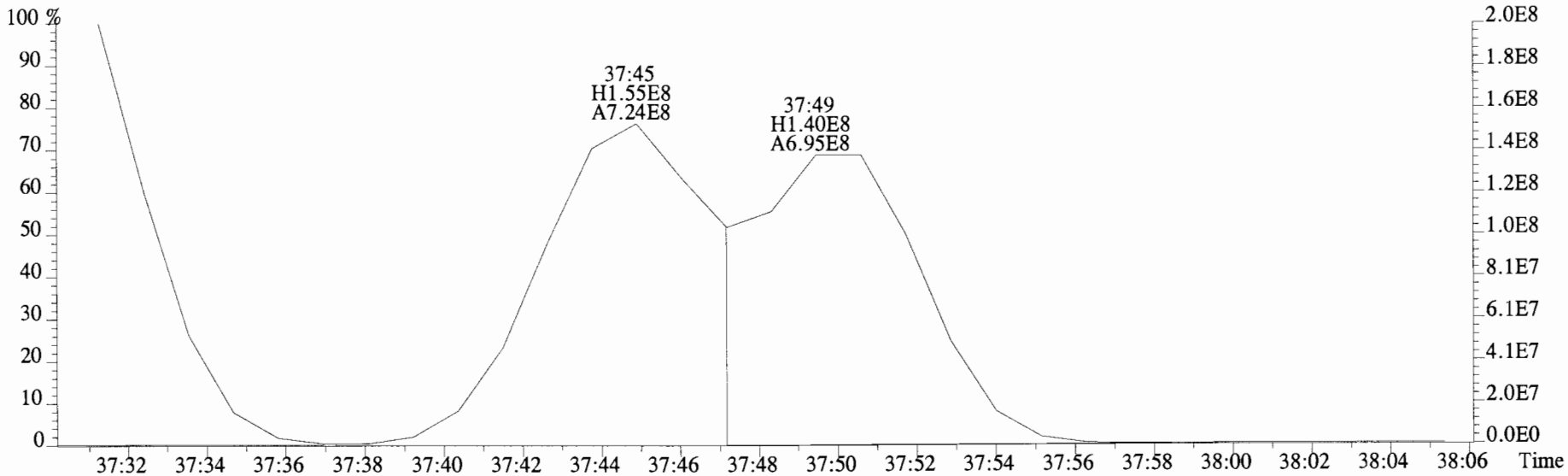
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



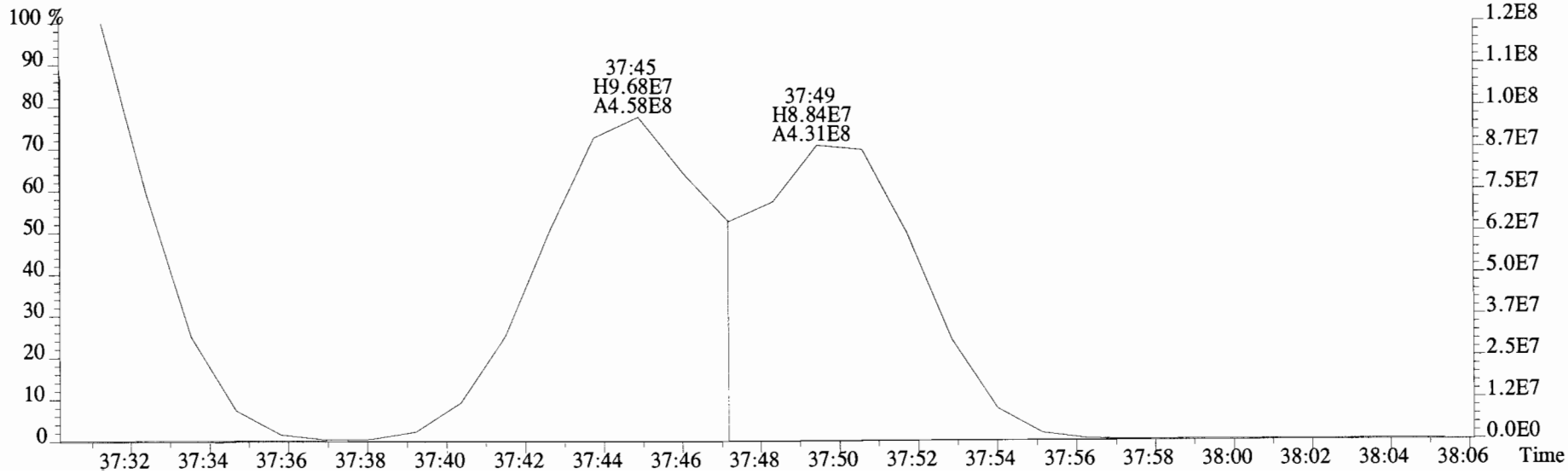
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



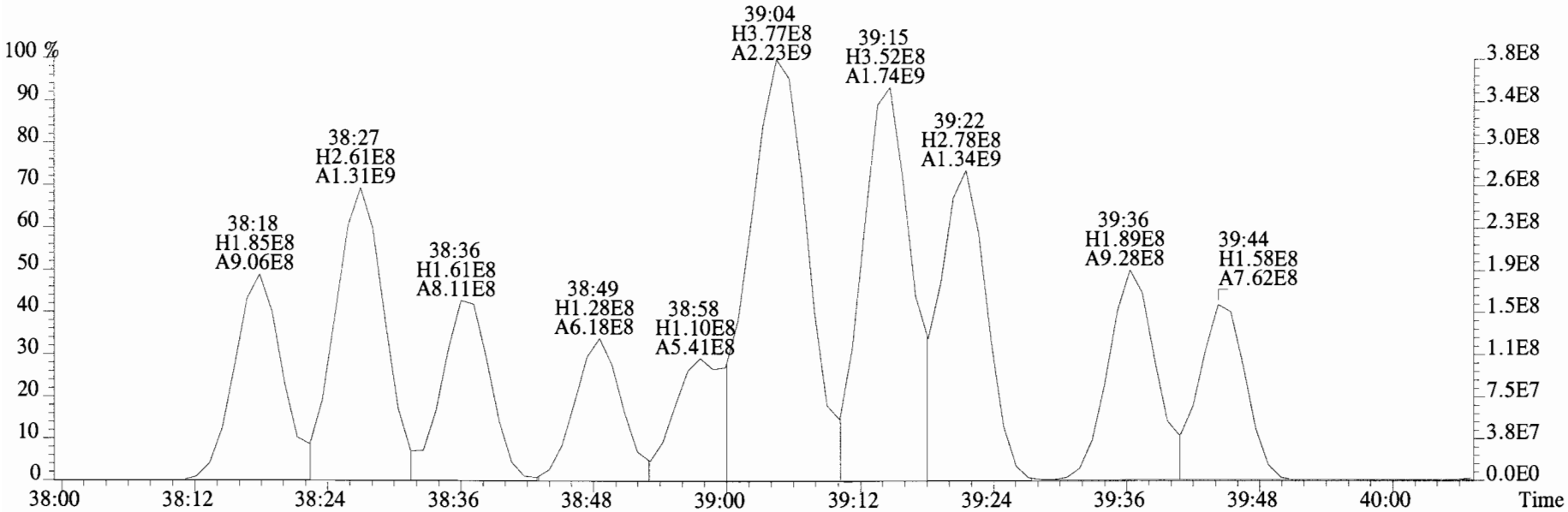
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



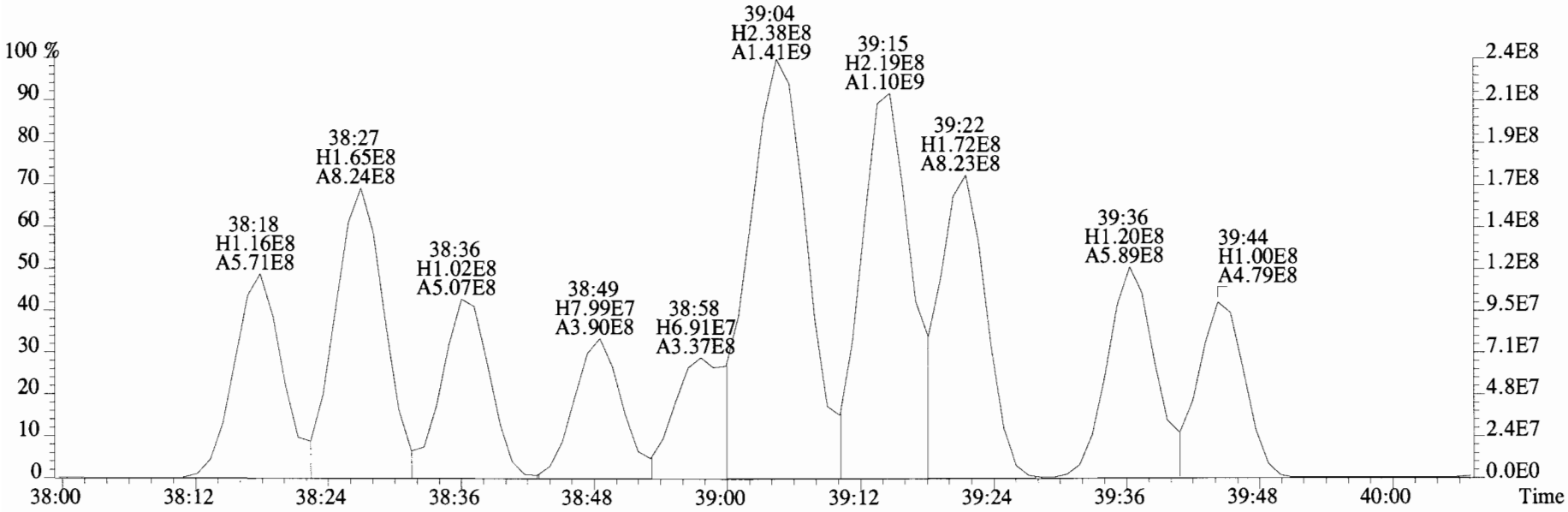
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)

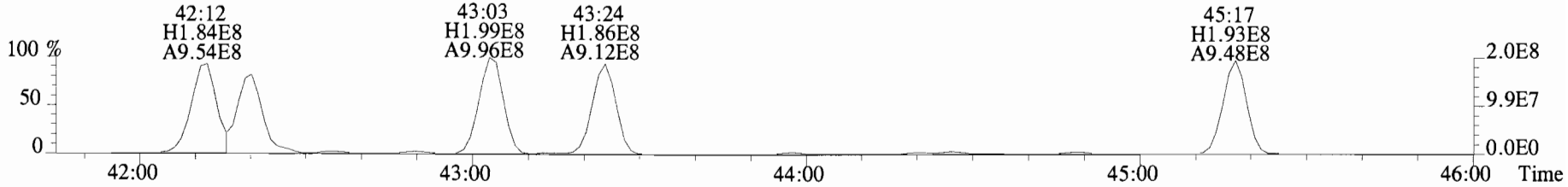


327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)

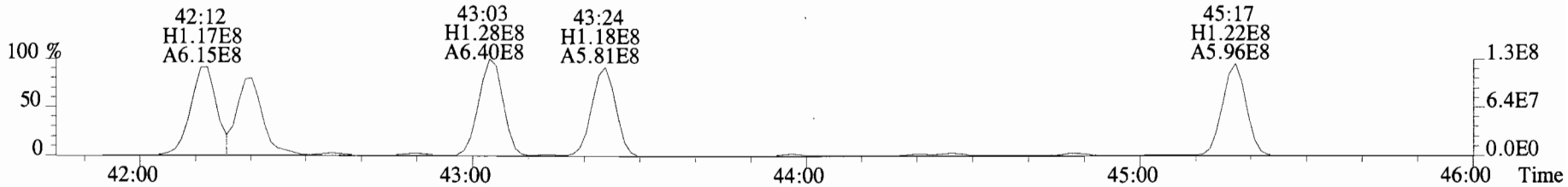


File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

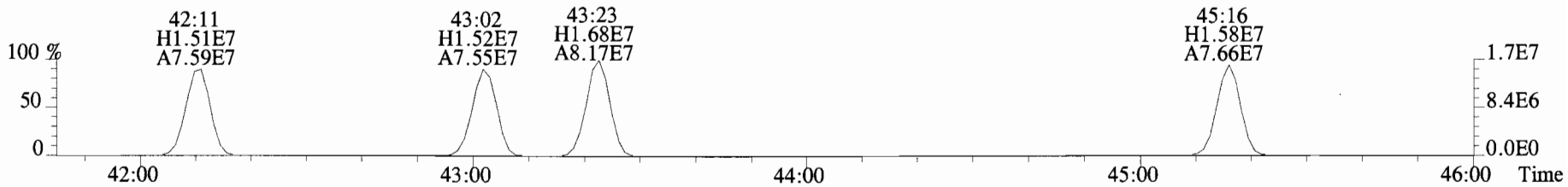
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,152716.0,0.00%,F,F)



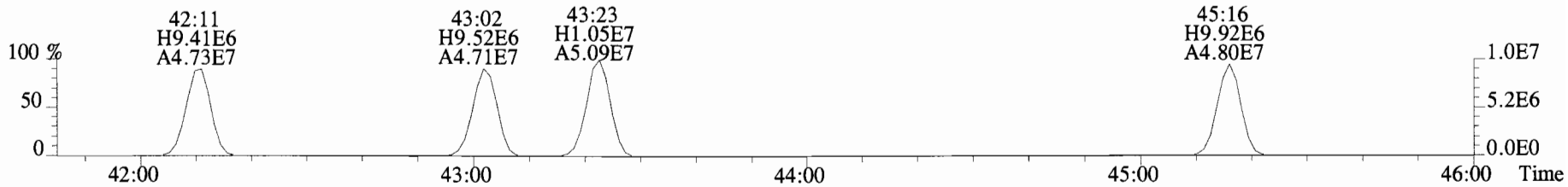
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86272.0,0.00%,F,F)



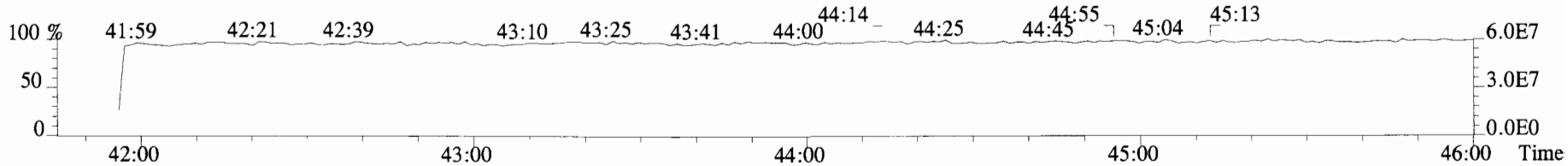
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9316.0,0.00%,F,F)



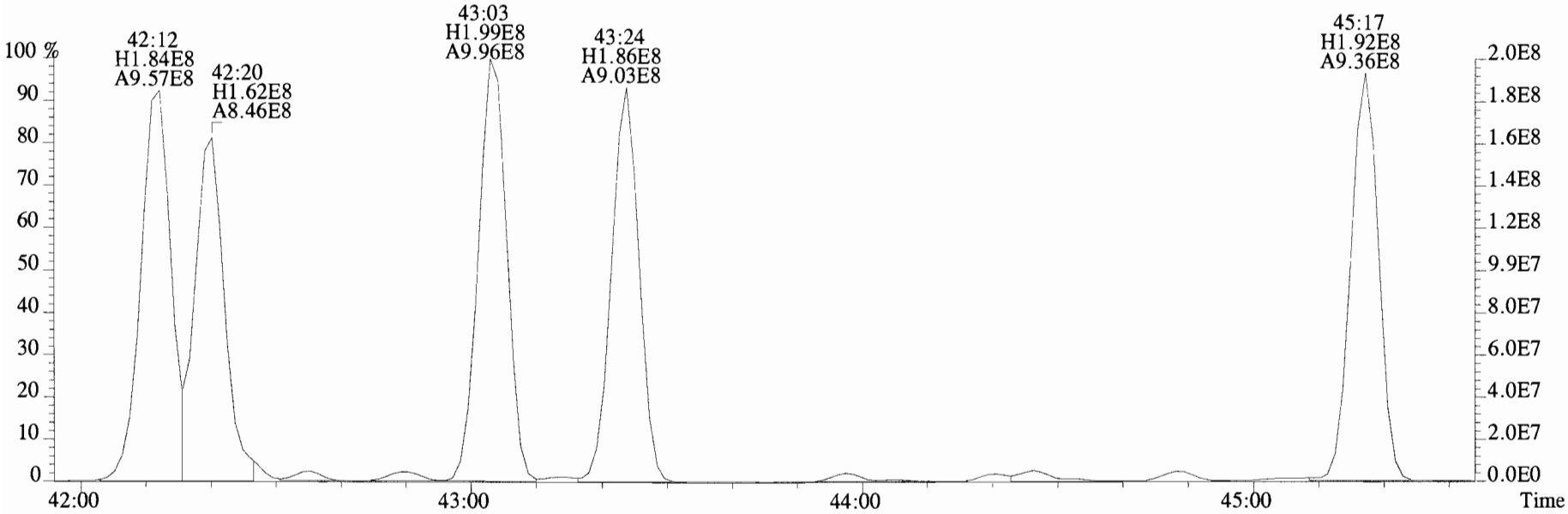
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8548.0,0.00%,F,F)



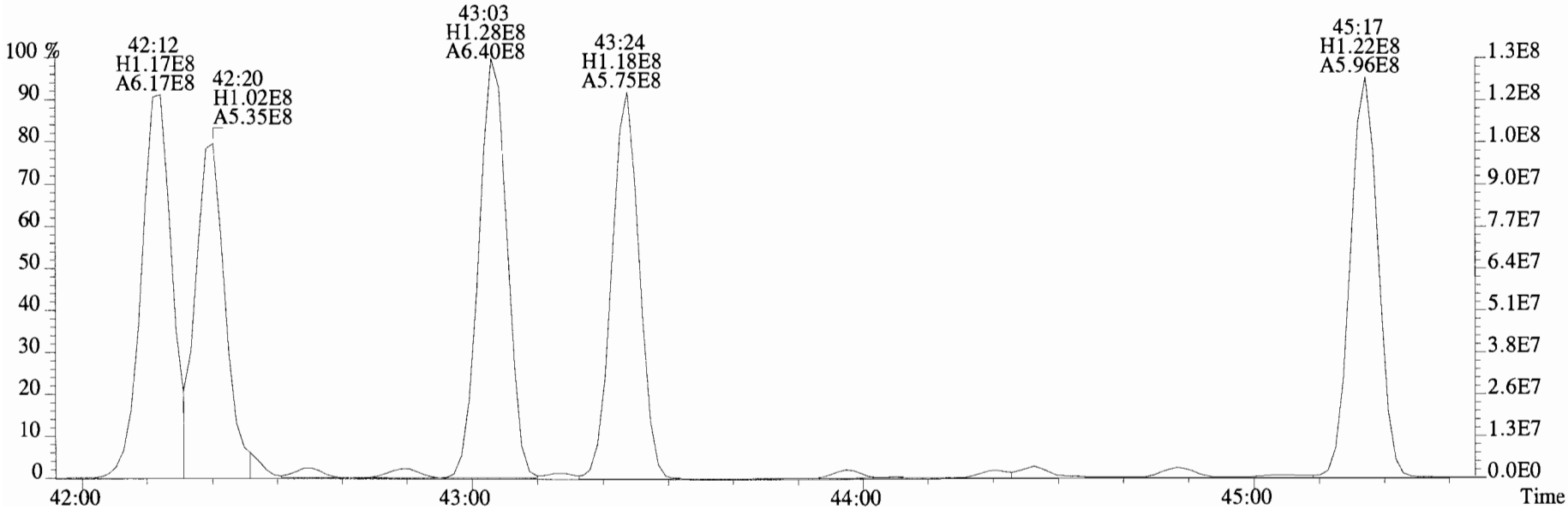
380.9760 S:6 F:4



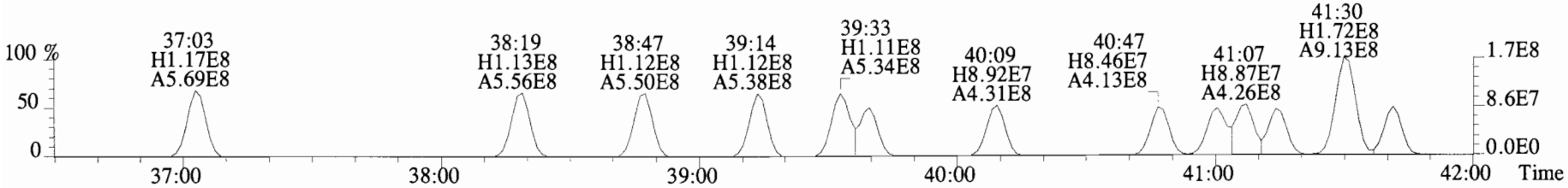
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,152716.0,0.00%,F,F)



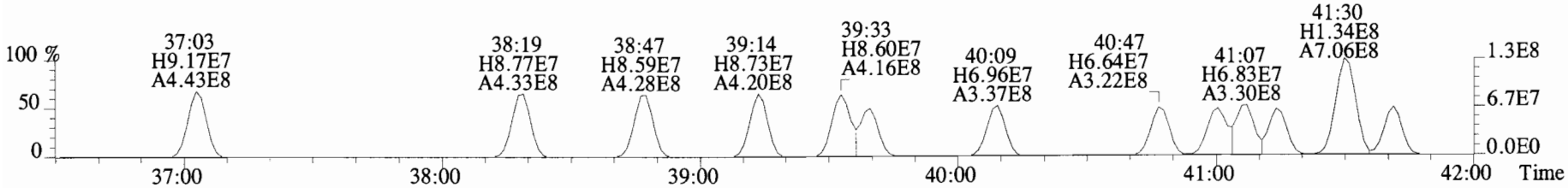
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86272.0,0.00%,F,F)



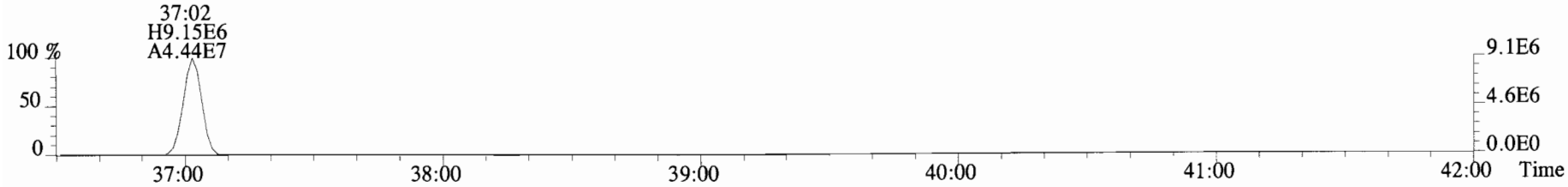
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4868.0,0.00%,F,F)



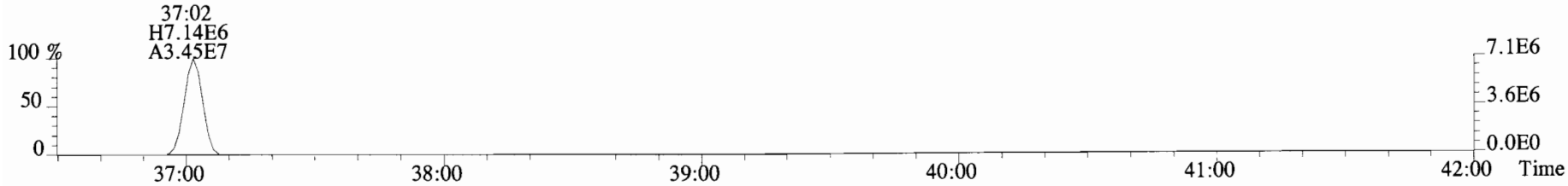
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5080.0,0.00%,F,F)



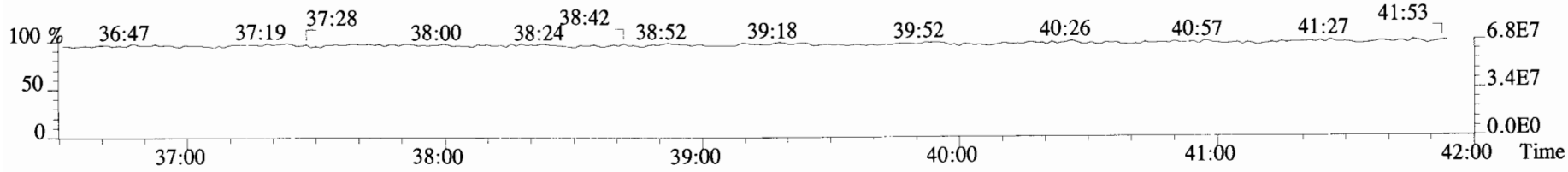
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3880.0,0.00%,F,F)



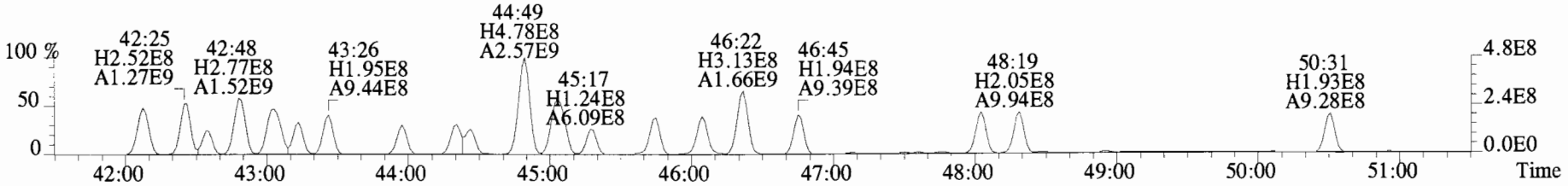
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4920.0,0.00%,F,F)



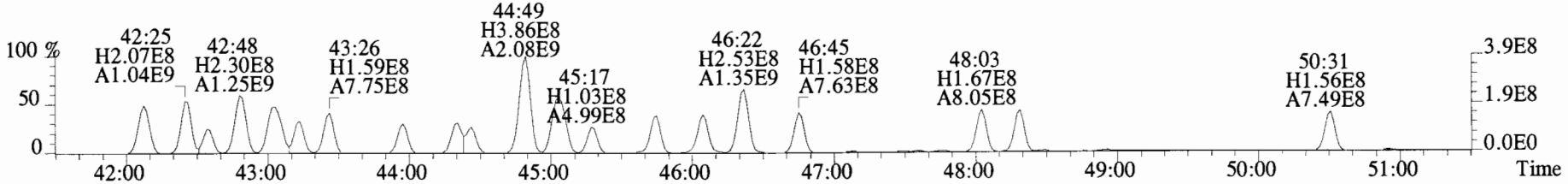
330.9792 S:6 F:3



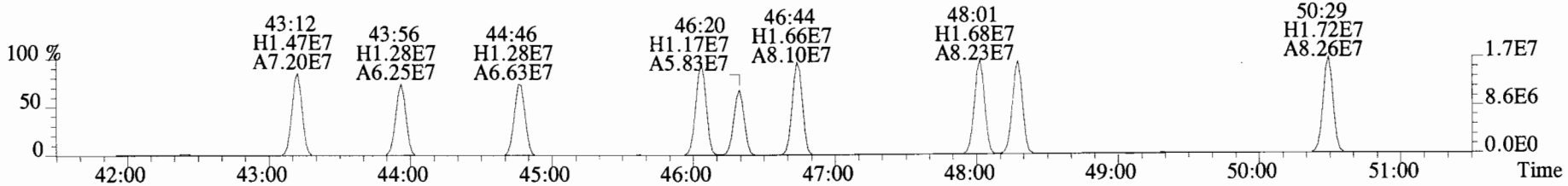
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,852536.0,0.00%,F,F)



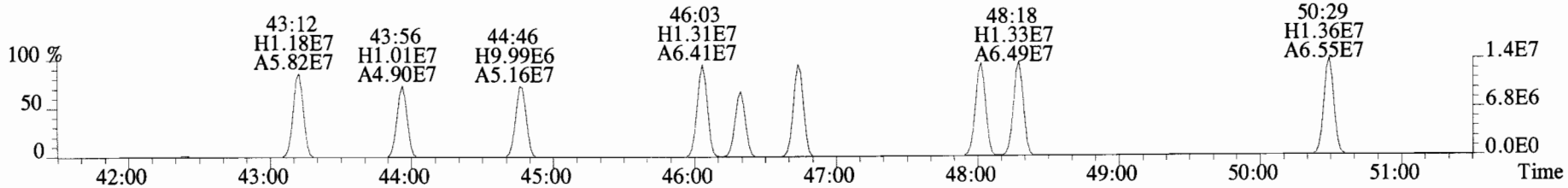
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,706896.0,0.00%,F,F)



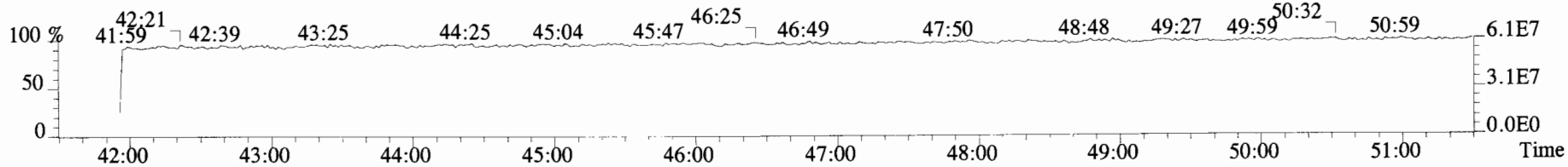
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22548.0,0.00%,F,F)



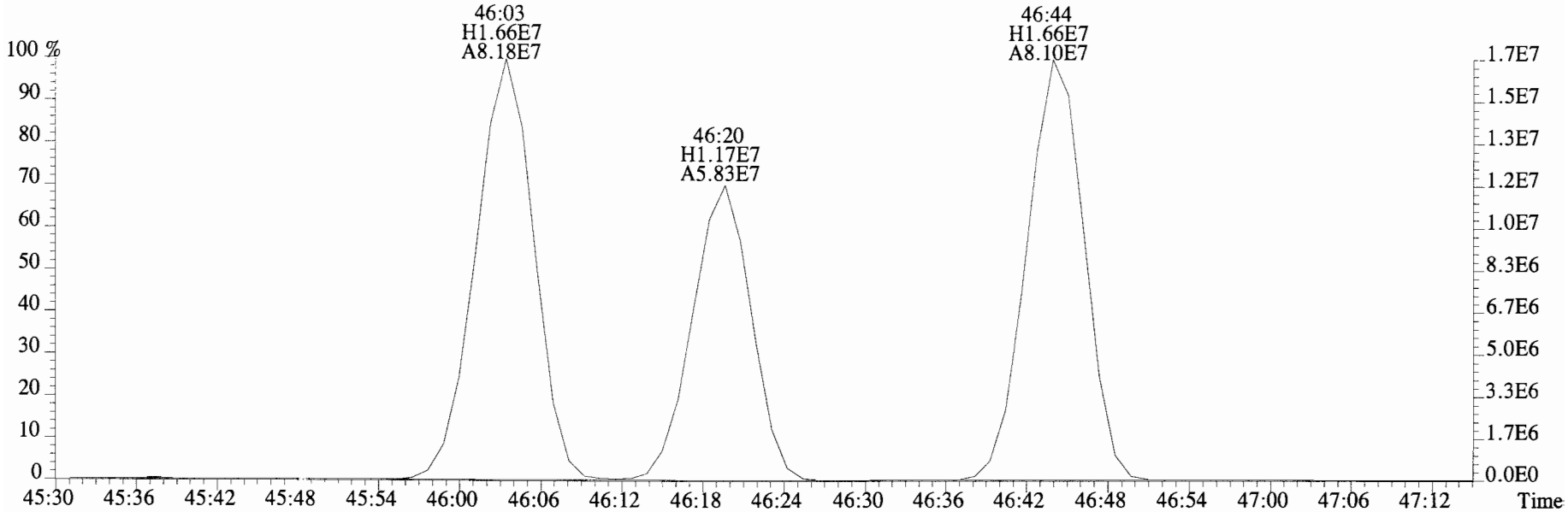
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20628.0,0.00%,F,F)



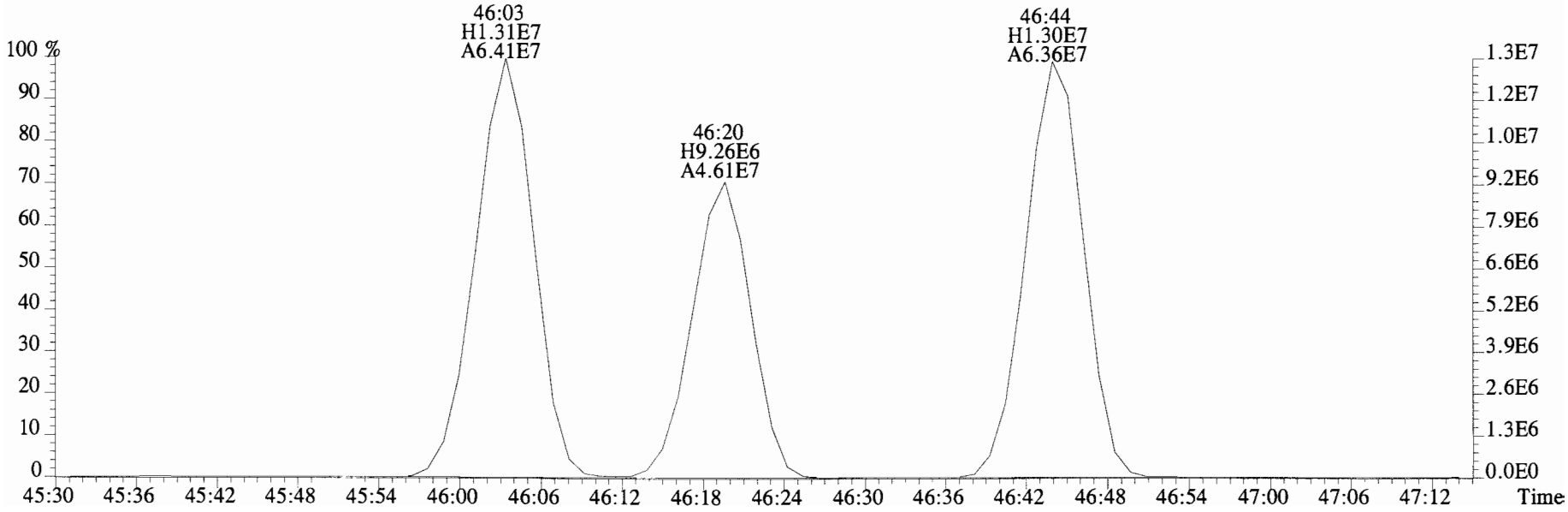
380.9760 S:6 F:4



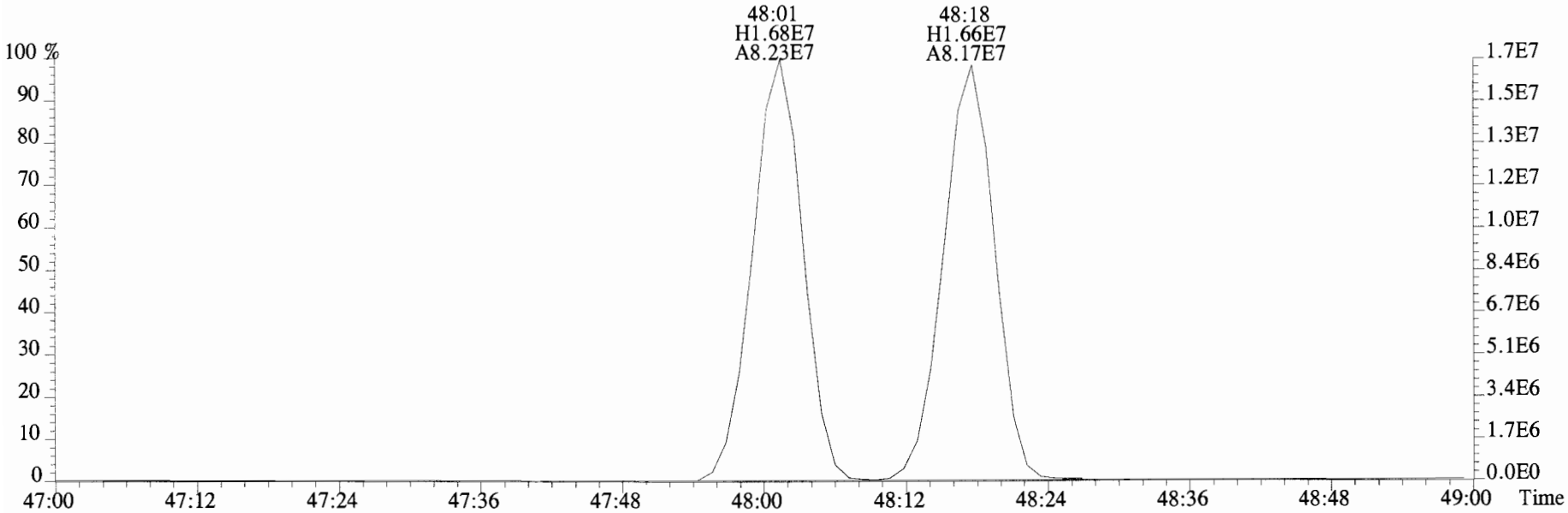
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22548.0,0.00%,F,F)



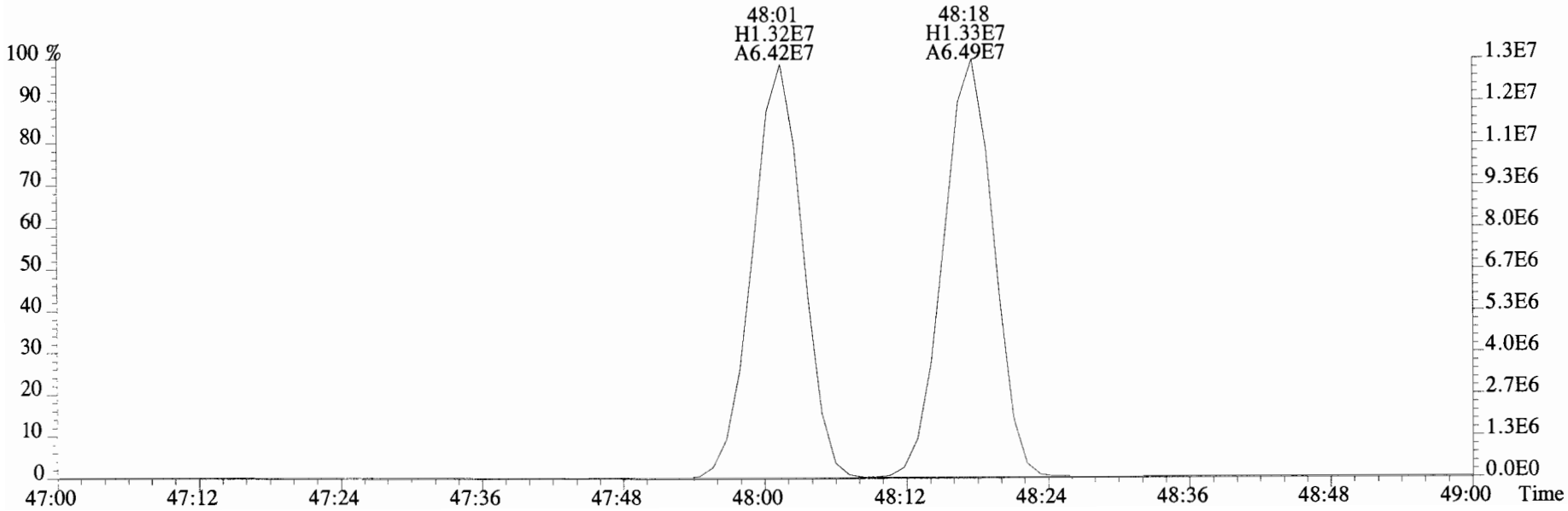
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20628.0,0.00%,F,F)



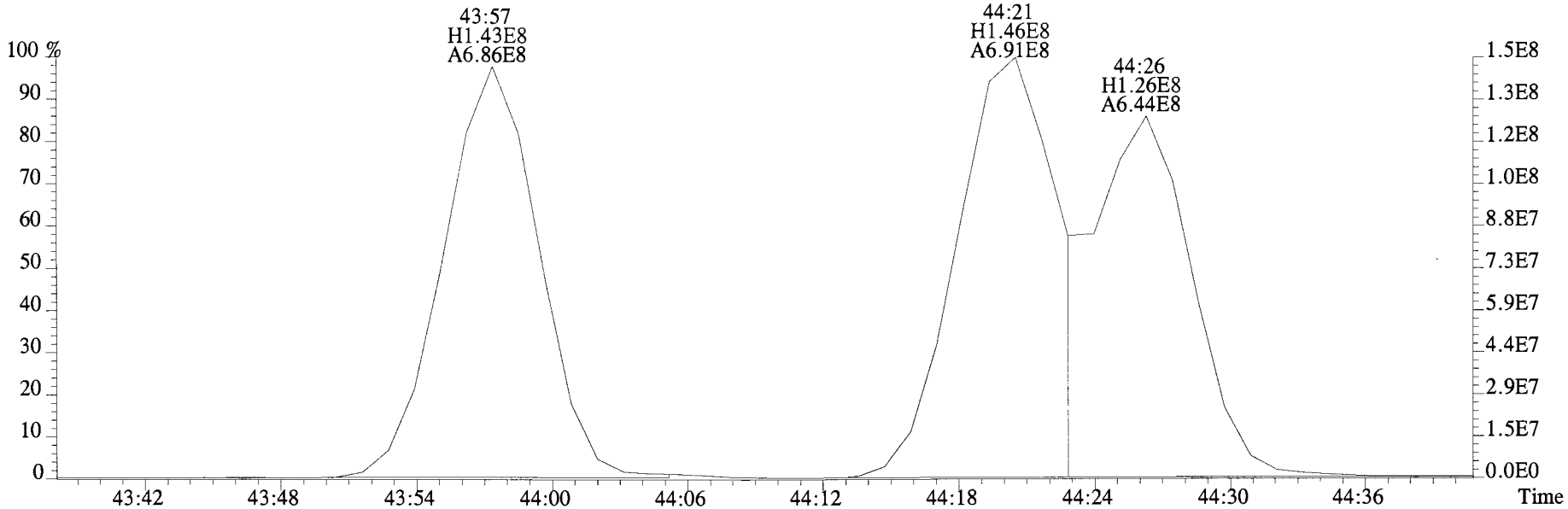
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22548.0,0.00%,F,F)



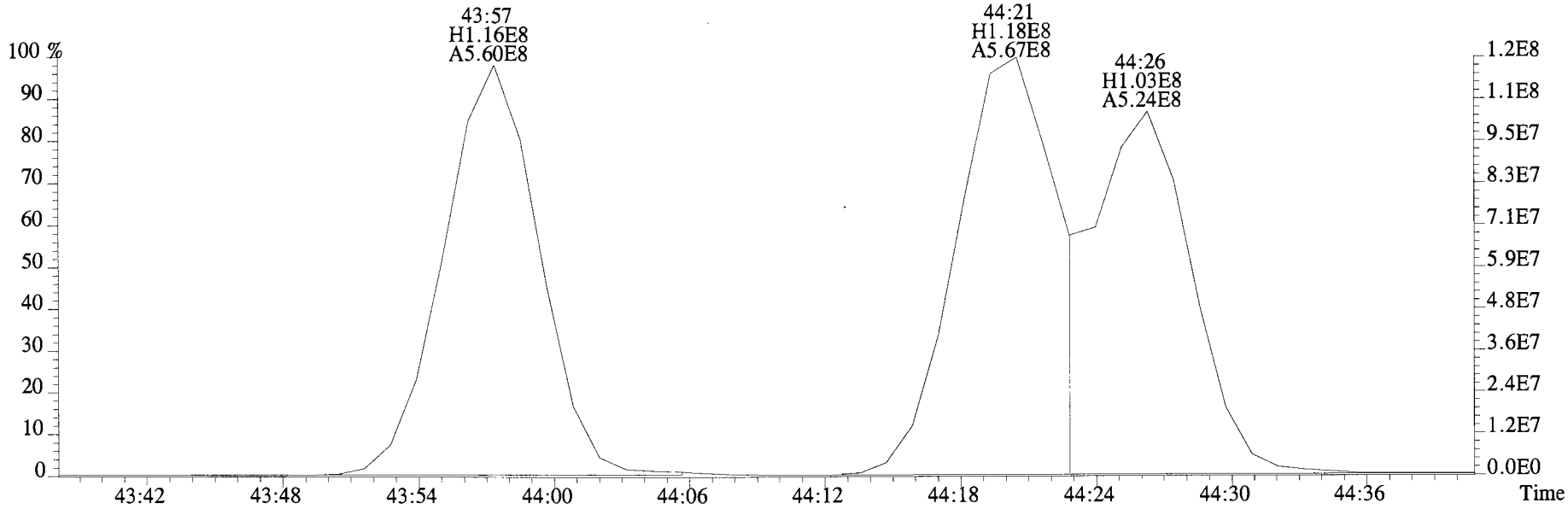
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20628.0,0.00%,F,F)



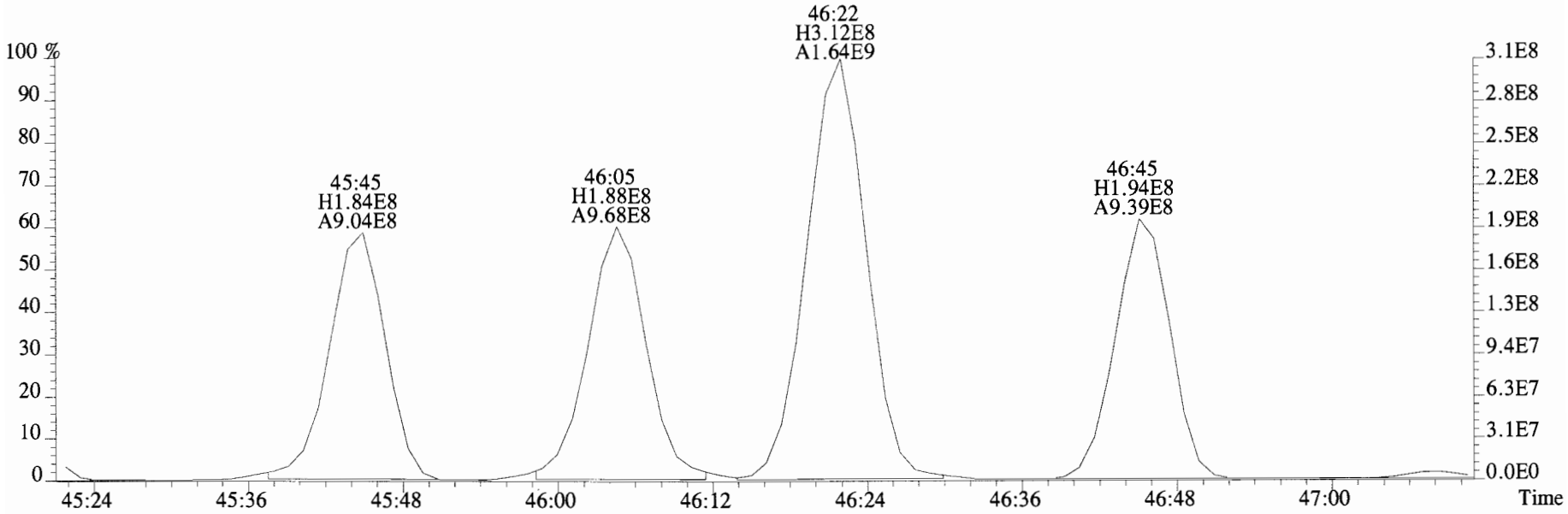
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,852536.0,0.00%,F,F)



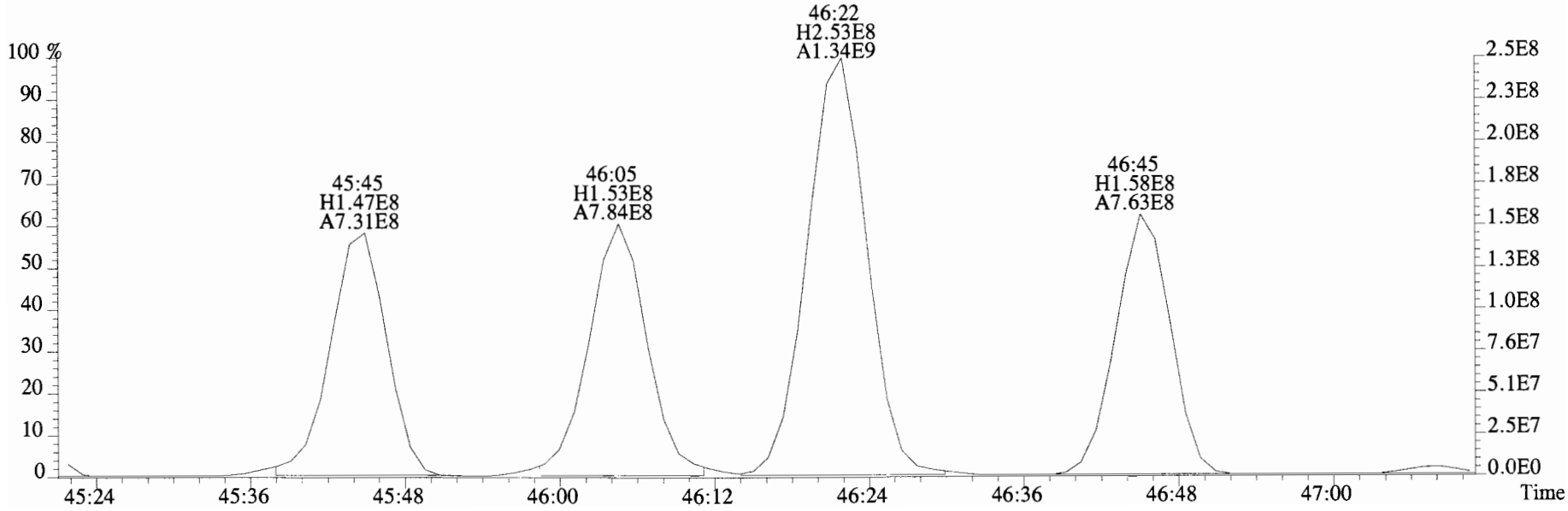
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,706896.0,0.00%,F,F)



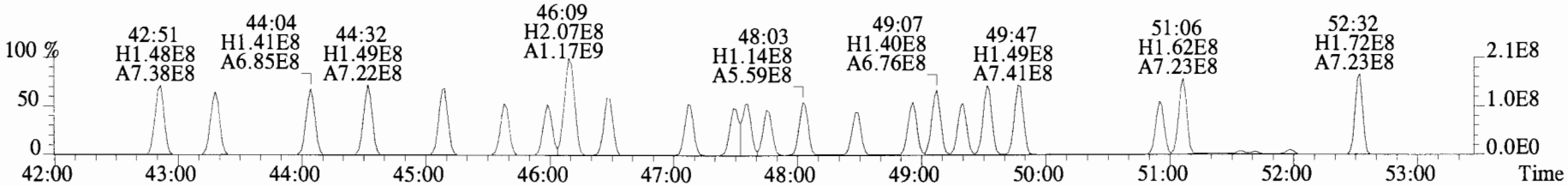
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,852536.0,0.00%,F,F)



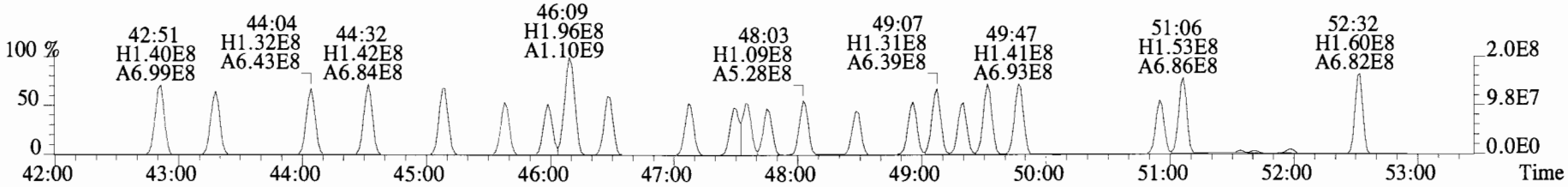
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,706896.0,0.00%,F,F)



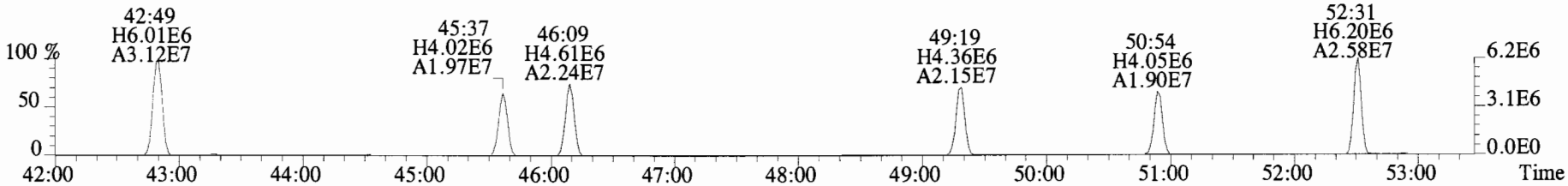
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,643428.0,0.00%,F,F)



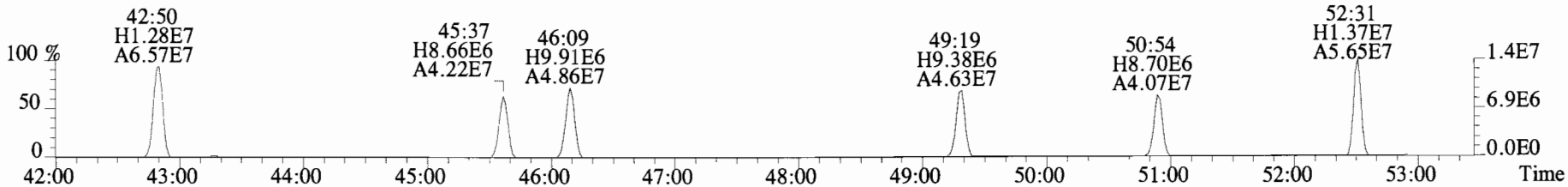
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,610560.0,0.00%,F,F)



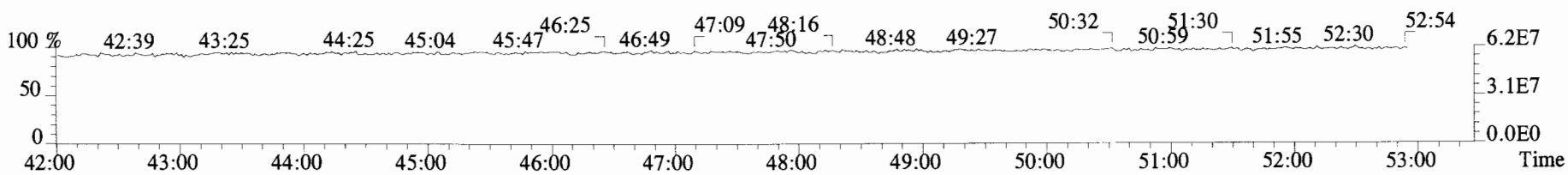
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8224.0,0.00%,F,F)



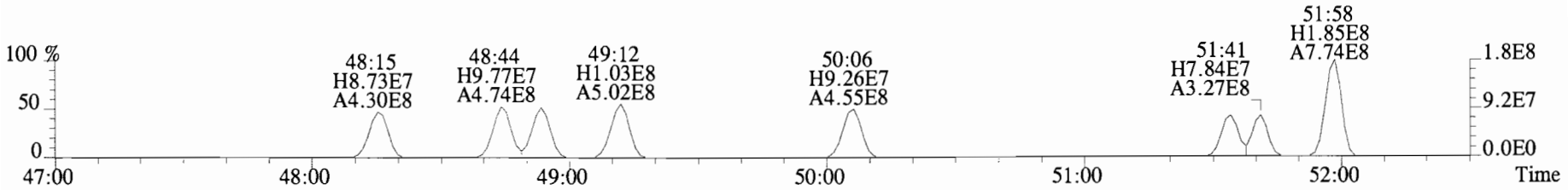
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13512.0,0.00%,F,F)



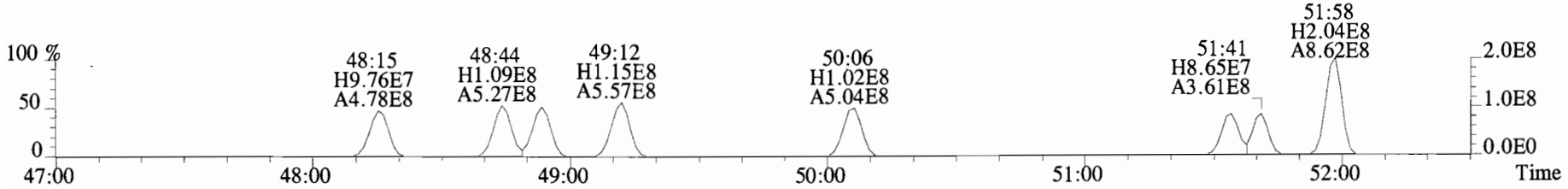
380.9760 S:6 F:4



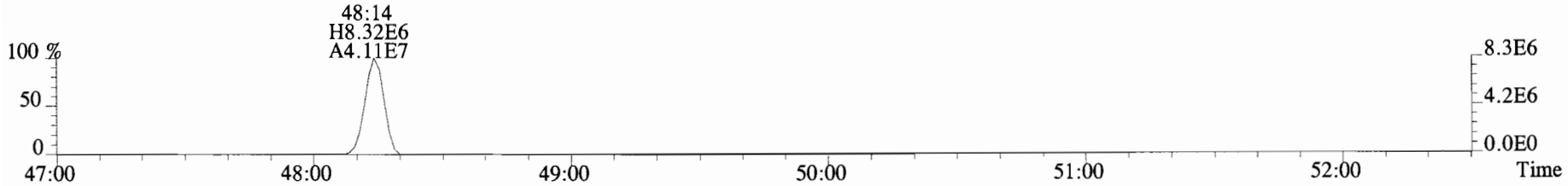
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89848.0,0.00%,F,F)



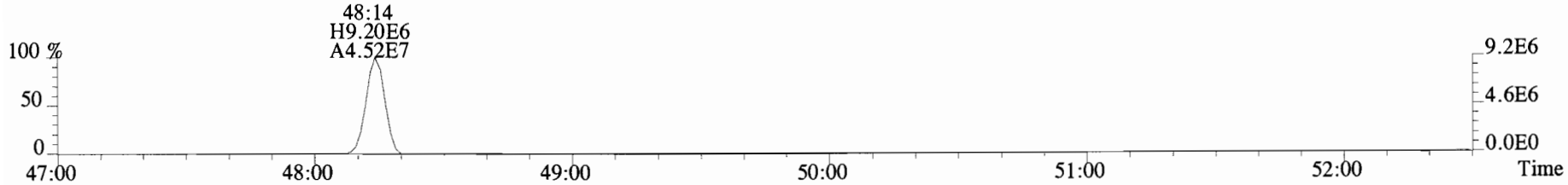
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,100360.0,0.00%,F,F)



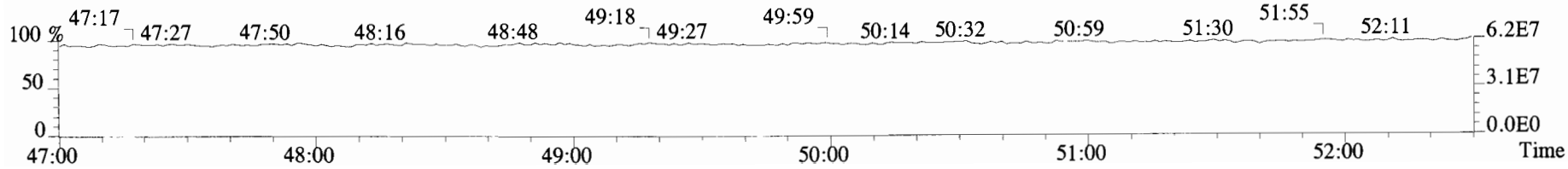
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6136.0,0.00%,F,F)



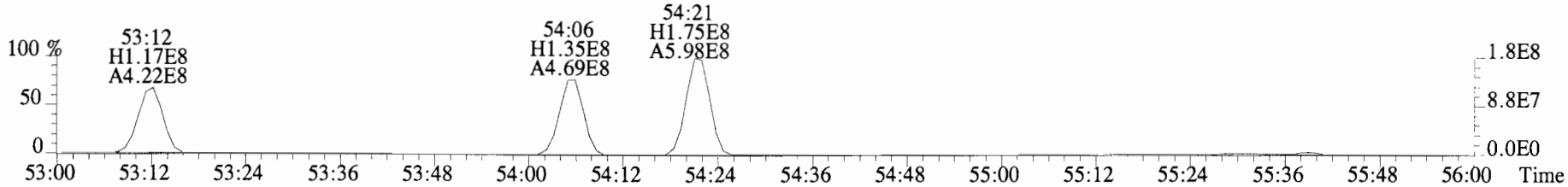
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6436.0,0.00%,F,F)



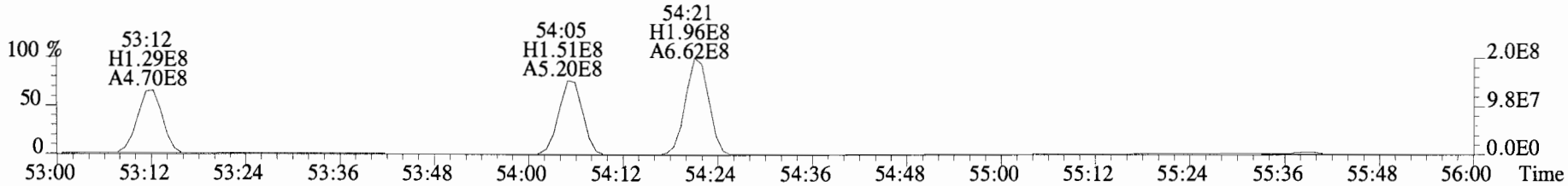
380.9760 S:6 F:4



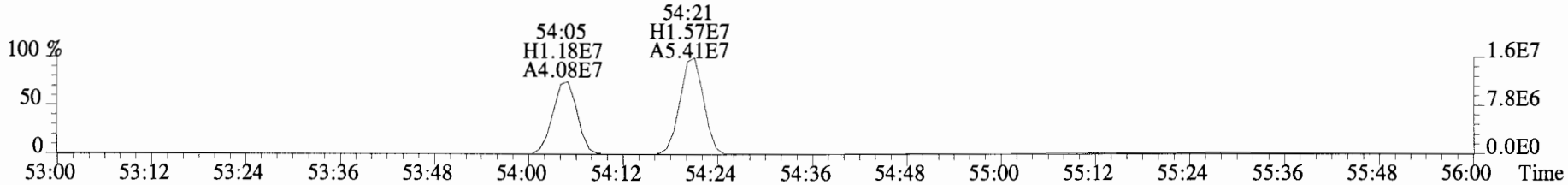
File:171027E1 #1-407 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,671340.0,0.00%,F,F)



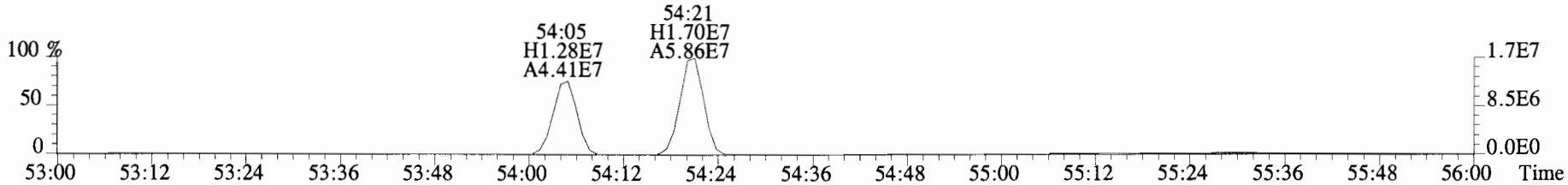
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,540492.0,0.00%,F,F)



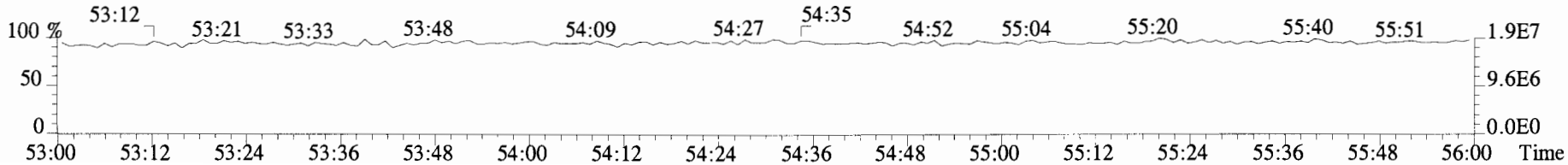
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6536.0,0.00%,F,F)



441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6704.0,0.00%,F,F)

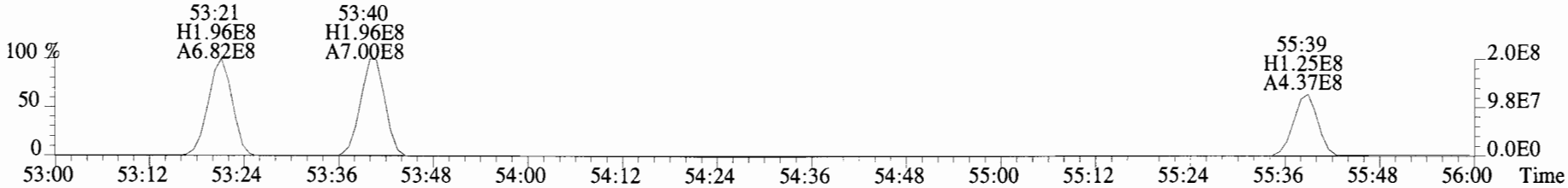


492.9697 S:6 F:5

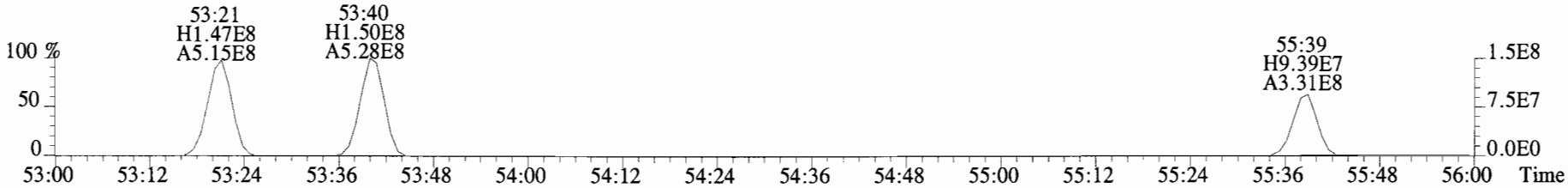


File:171027E1 #1-407 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

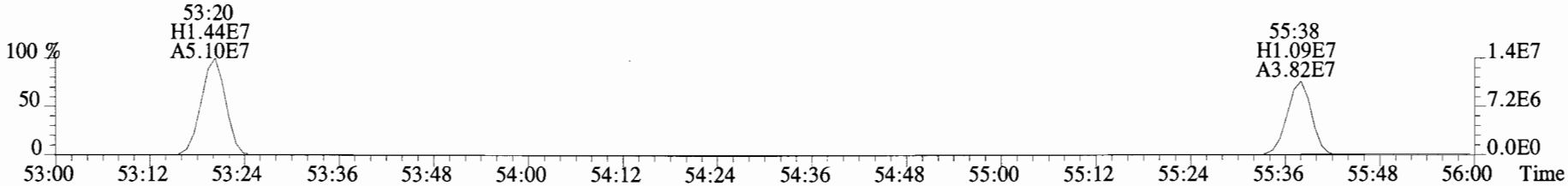
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,352256.0,0.00%,F,F)



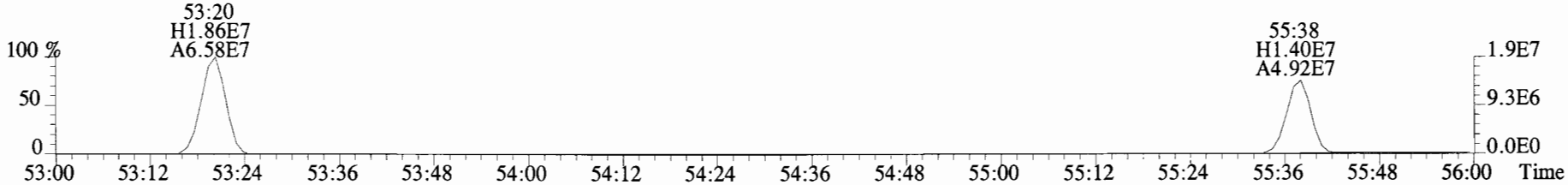
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,255100.0,0.00%,F,F)



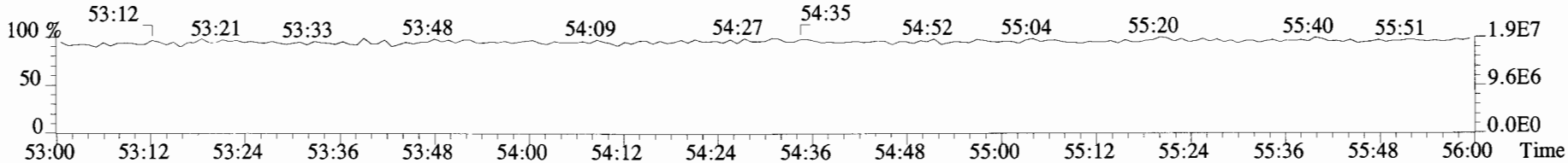
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23680.0,0.00%,F,F)



475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32568.0,0.00%,F,F)

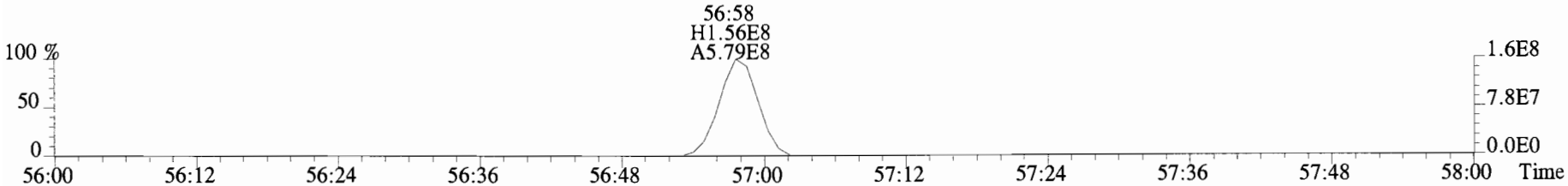


492.9697 S:6 F:5

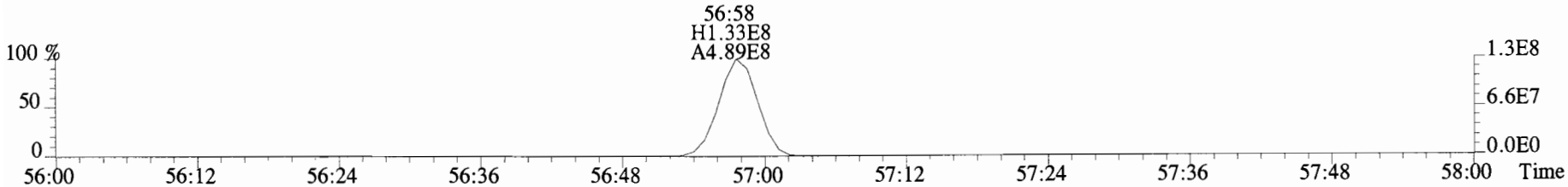


File:171027E1 #1-407 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

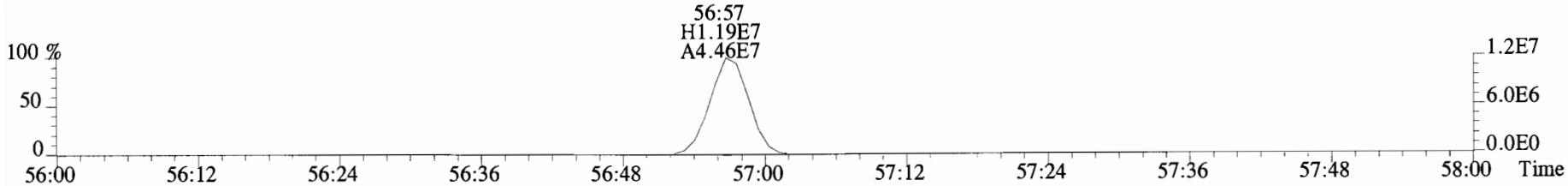
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2172.0,0.00%,F,F)



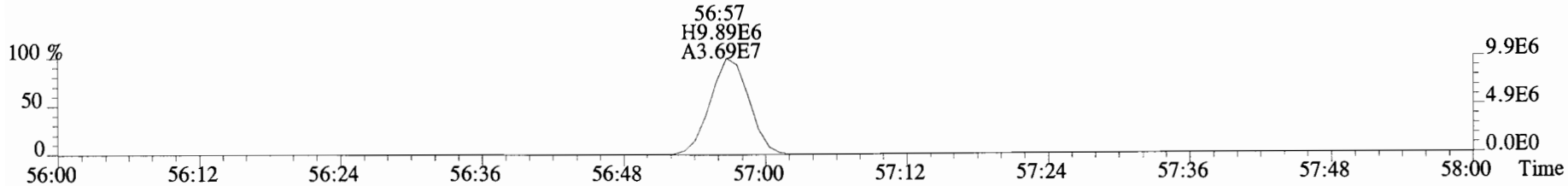
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



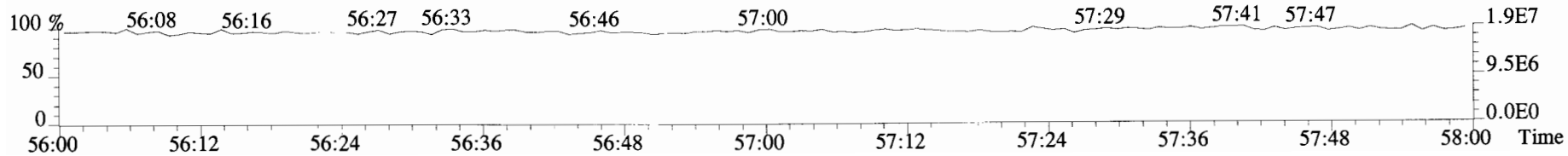
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



511.7199 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1424.0,0.00%,F,F)

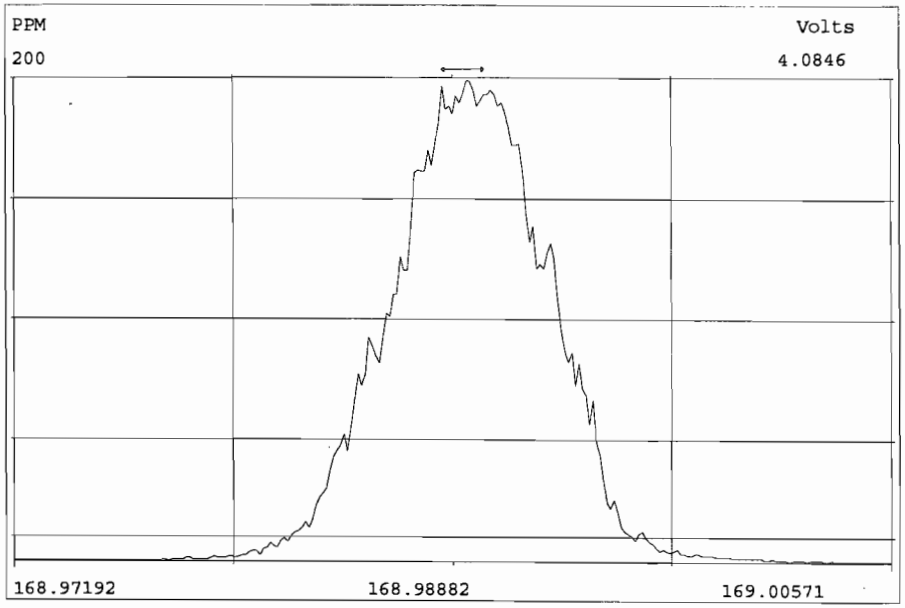


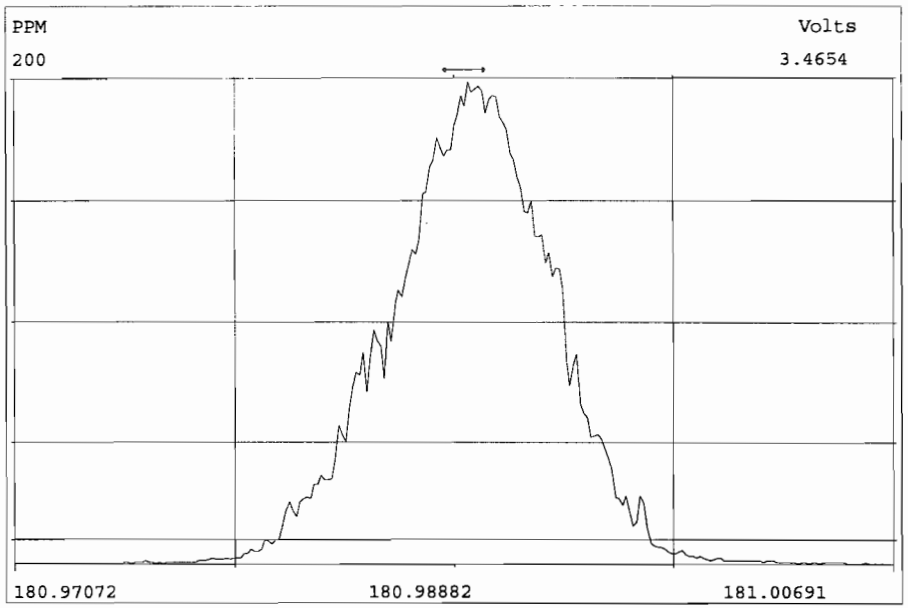
492.9697 S:6 F:5

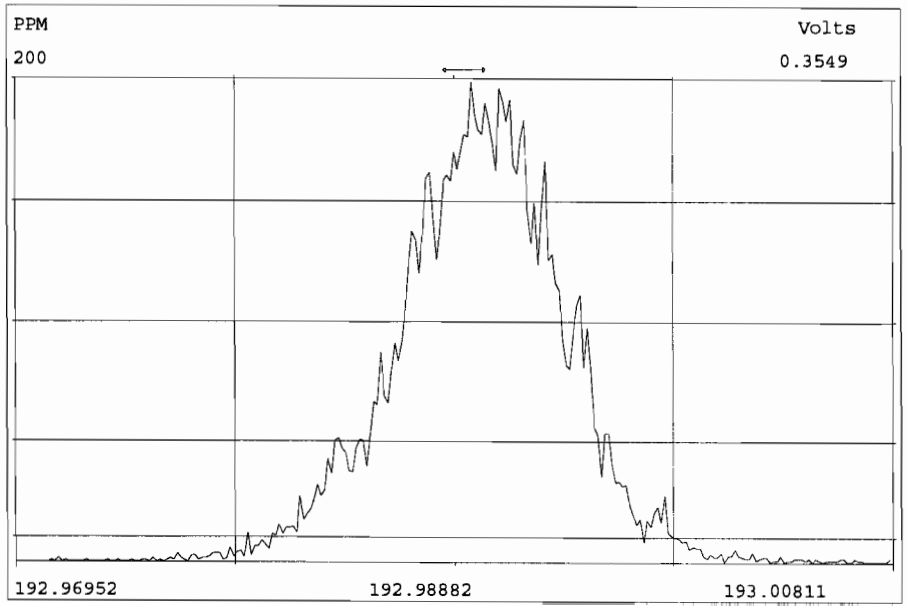


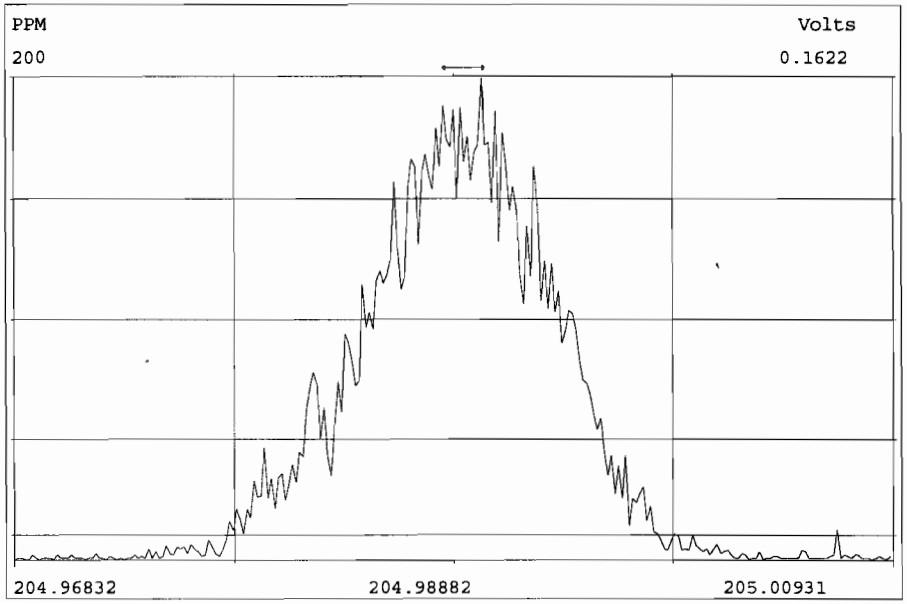
Peak Locate Examination:27-OCT-2017:19:15 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



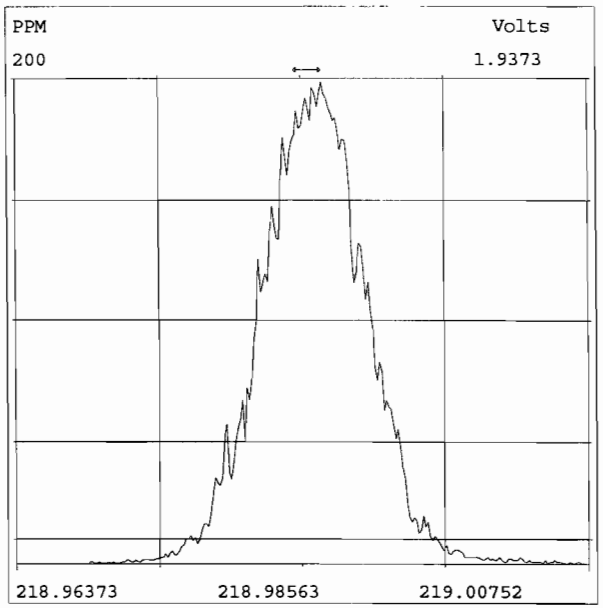


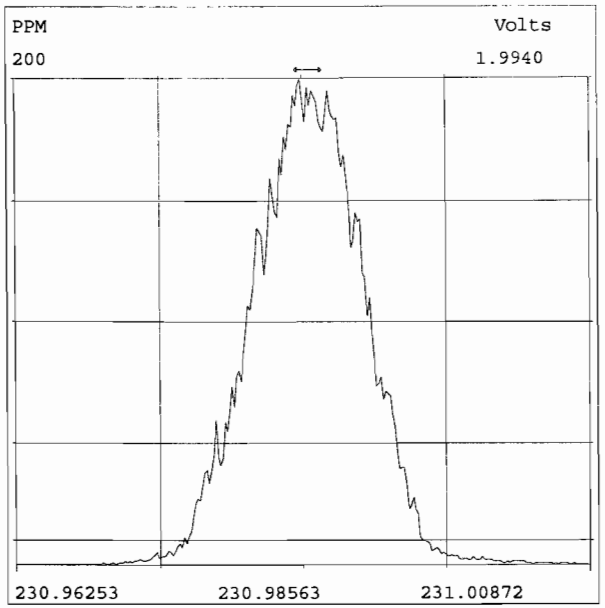


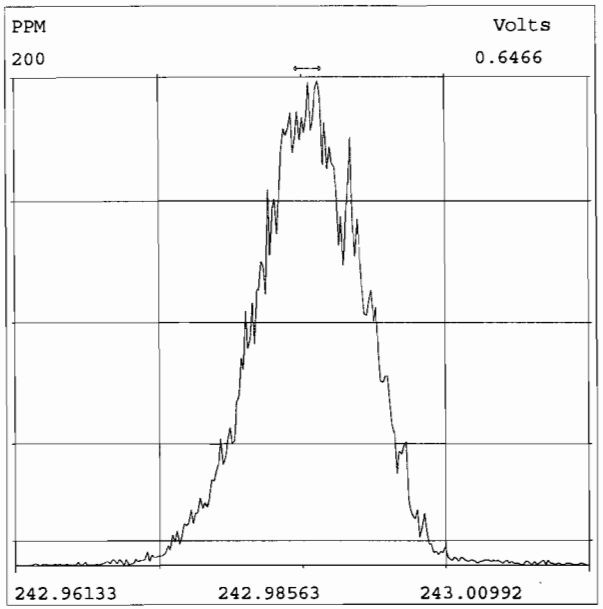


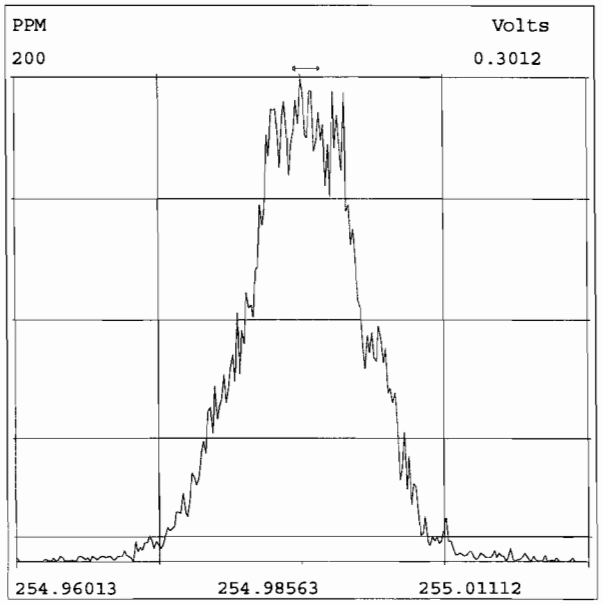
Peak Locate Examination:27-OCT-2017:19:16 File:RES_CHECK

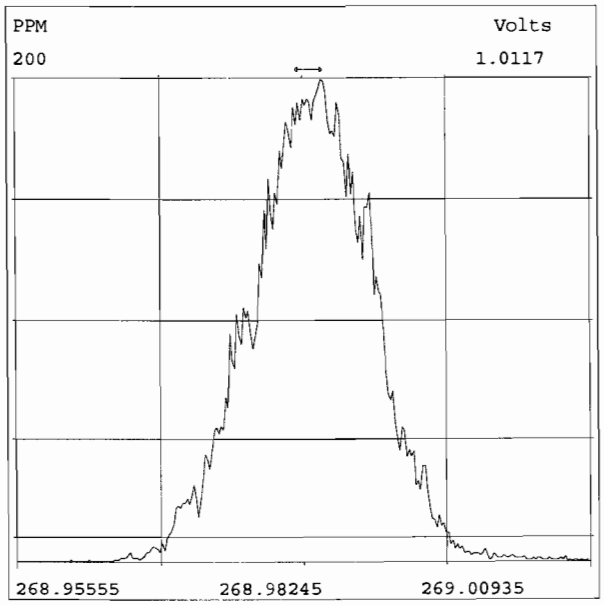
Experiment:PCB_ZB1 Function:2 Reference:PFK

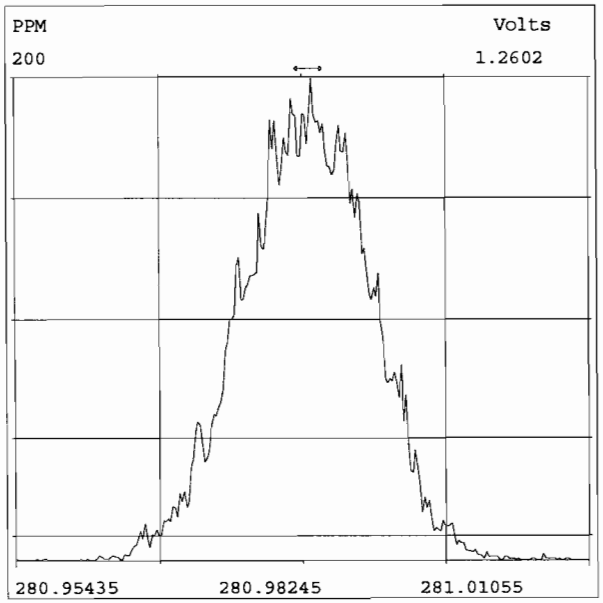






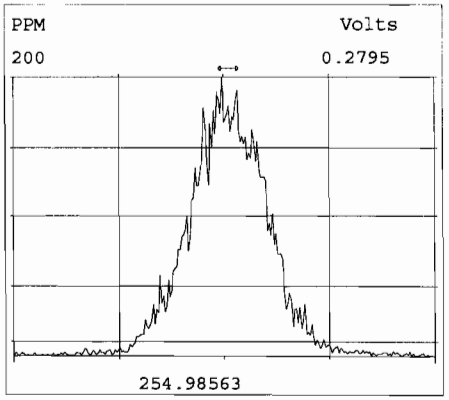


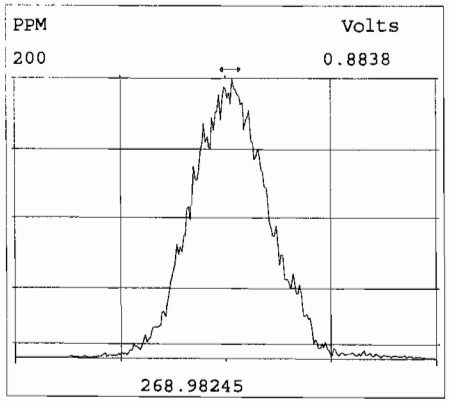


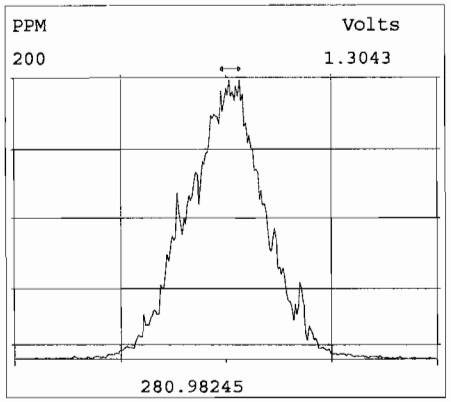


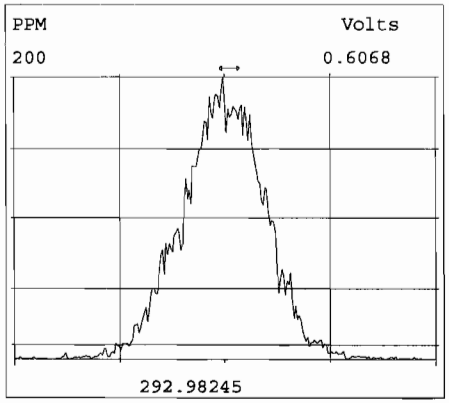
Peak Locate Examination:27-OCT-2017:19:17 File:RES_CHECK

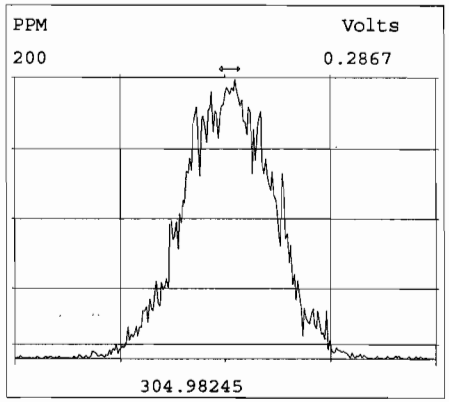
Experiment:PCB_ZB1 Function:3 Reference:PFK

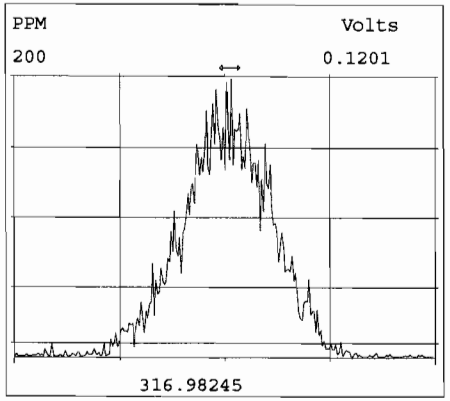


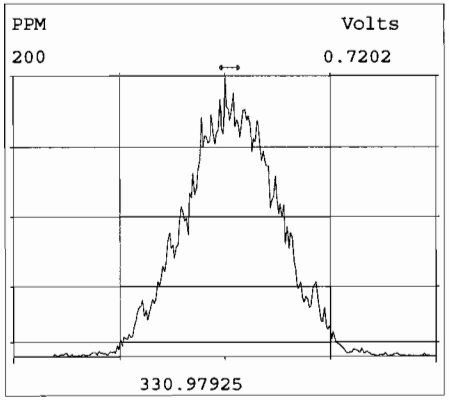


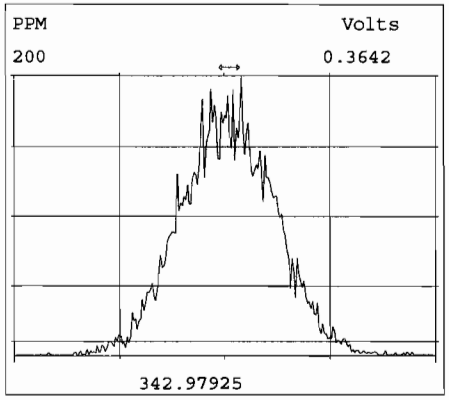


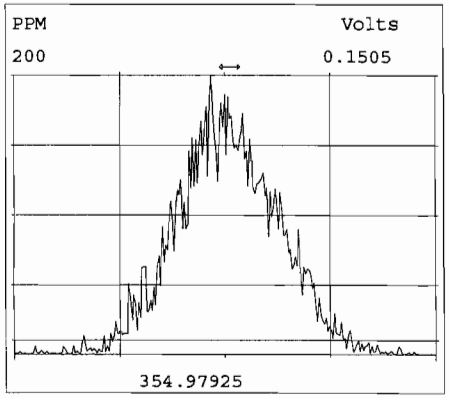


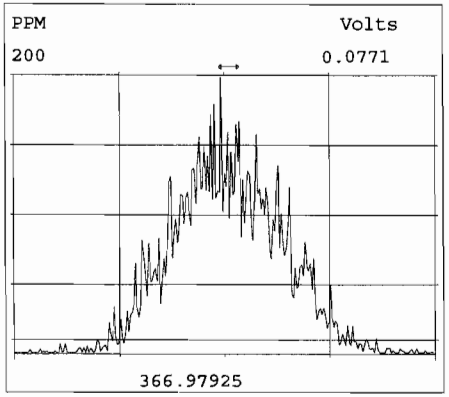


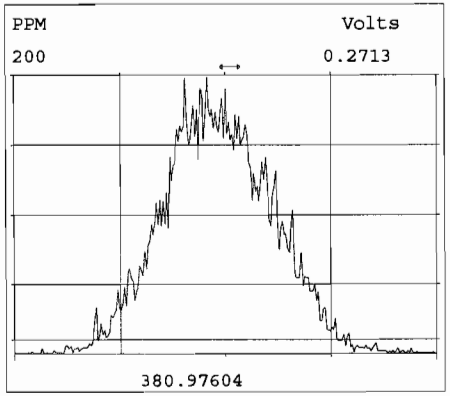






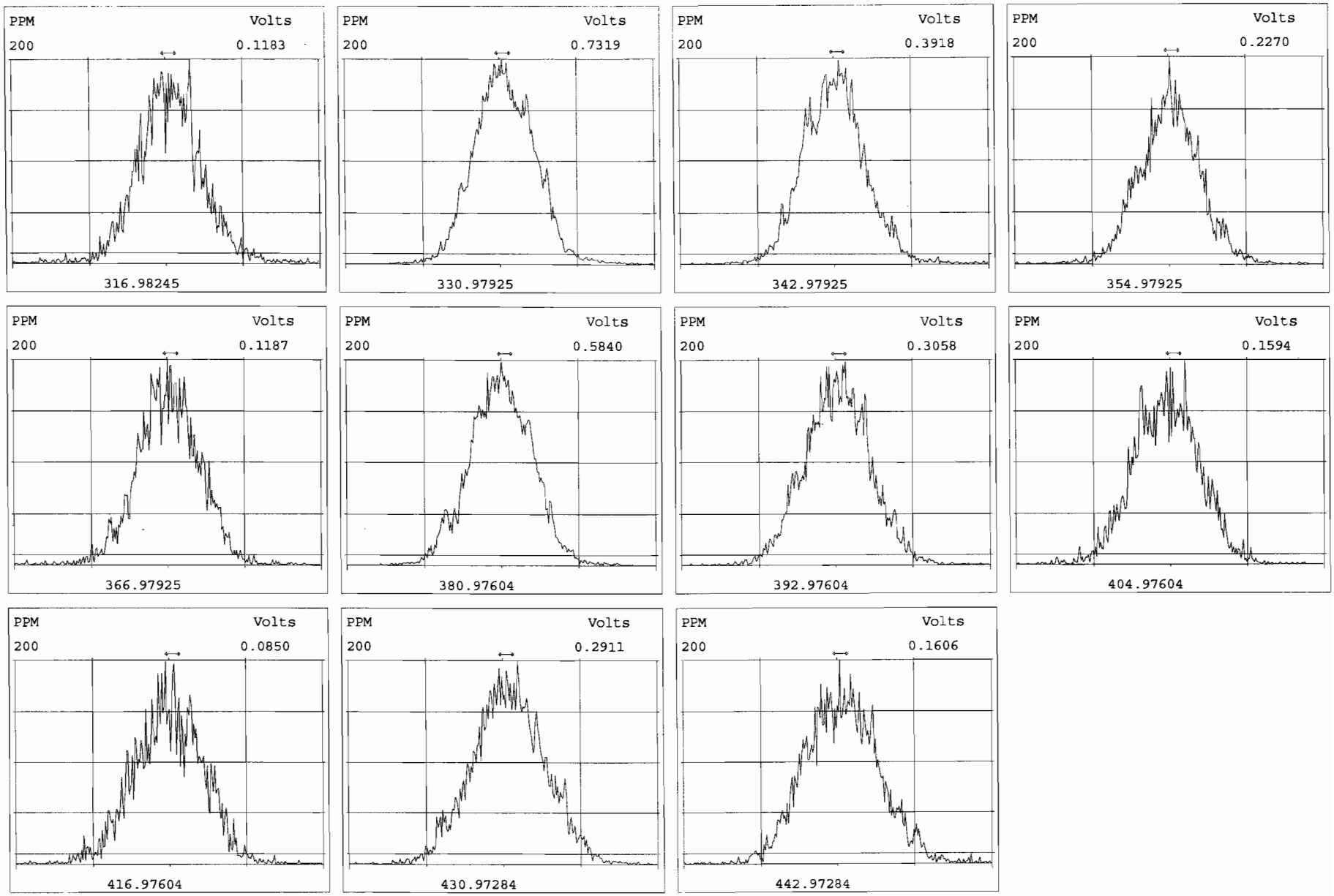






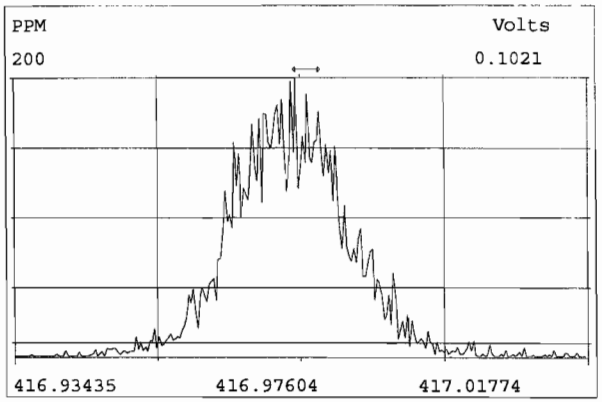
Peak Locate Examination:27-OCT-2017:19:18 File:RES_CHECK

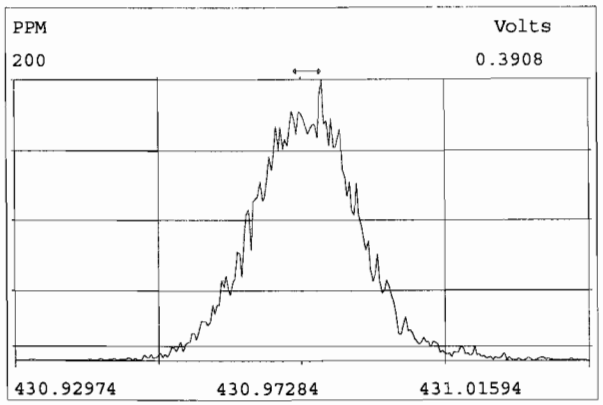
Experiment:PCB_ZB1 Function:4 Reference:PFK

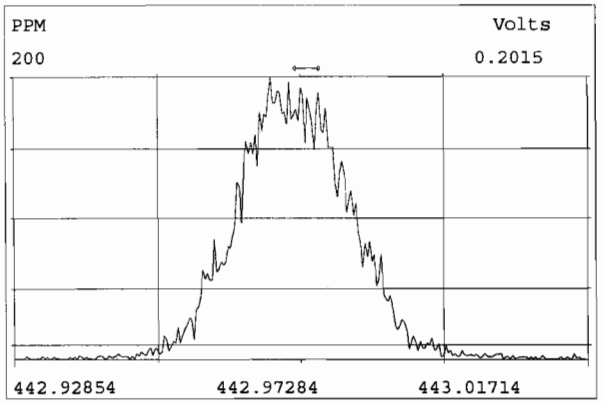


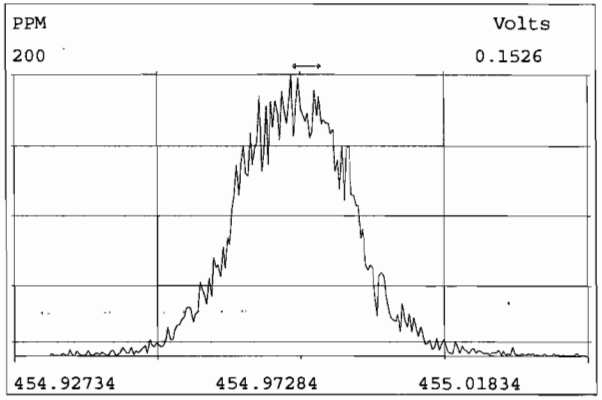
Peak Locate Examination:27-OCT-2017:19:19 File:RES_CHECK

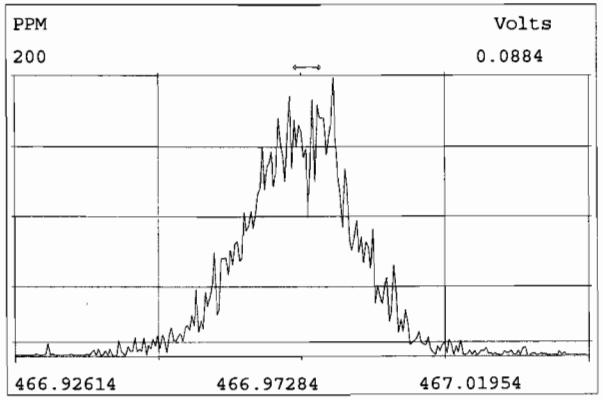
Experiment:PCB_ZB1 Function:5 Reference:PFK

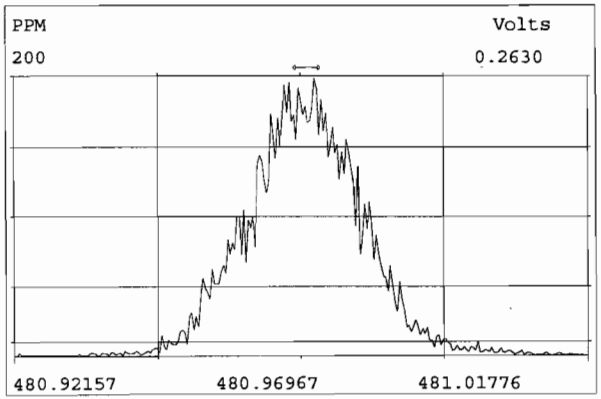


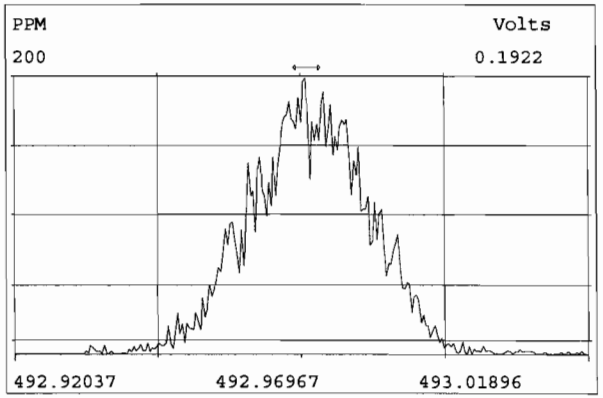


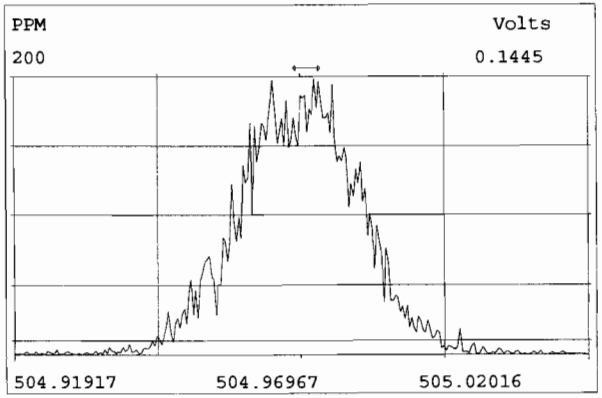


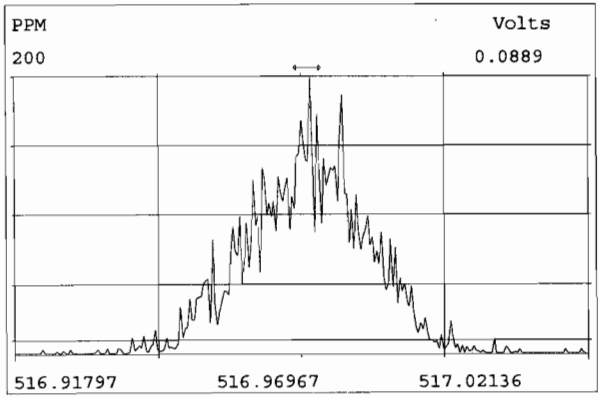












Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA

Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVC8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	2.30e+08	3.02	y	1.14	16:03	1.001	0.996	1.006	95.9217
	PCB-2	*	*	n	1.09	NotFnd	*	0.983	0.993	*
	PCB-3	2.48e+08	3.03	y	1.10	18:41	1.001	0.996	1.006	96.4749
	PCB-4/10	3.12e+08	1.56	y	1.41	20:04	1.003	0.998	1.008	181.794
	PCB-7/9	1.91e+08	1.55	y	1.13	21:50	0.866	0.864	0.871	90.0758
	PCB-6	*	*	n	1.09	NotFnd	*	0.888	0.897	*
	PCB-5/8	1.98e+08	1.57	y	1.14	22:54	0.909	0.905	0.913	92.6130
	PCB-14	*	*	n	1.39	NotFnd	*	0.948	0.958	*
	PCB-11	1.82e+08	1.59	y	1.18	25:13	1.001	0.996	1.006	89.3370
	PCB-12/13	1.70e+08	1.55	y	1.15	25:39	1.018	1.011	1.021	85.2158
	PCB-15	1.96e+08	1.55	y	1.26	25:55	1.028	1.023	1.033	89.4667
	PCB-19	6.96e+07	1.06	y	1.25	24:12	1.001	0.996	1.006	47.3771
	PCB-30	*	*	n	1.94	NotFnd	*	1.033	1.043	*
	PCB-18	6.80e+07	1.05	y	0.95	25:51	0.954	0.949	0.959	43.1947
	PCB-17	*	*	n	1.03	NotFnd	*	0.955	0.965	*
	PCB-24/27	*	*	n	1.35	NotFnd	*	0.976	0.986	*
-	PCB-16/32	*	*	n	1.11	NotFnd	*	0.995	1.005	*
-	PCB-34	*	*	n	1.19	NotFnd	*	0.955	0.965	*
	PCB-23	*	*	n	1.24	NotFnd	*	0.958	0.968	*
	PCB-29	*	*	n	1.26	NotFnd	*	0.966	0.976	*
	PCB-26	*	*	n	1.23	NotFnd	*	0.974	0.984	*
	PCB-25	*	*	n	1.15	NotFnd	*	0.980	0.990	*
	PCB-31	8.66e+07	1.06	y	1.32	28:59	0.997	0.992	1.002	37.5188
	PCB-28	9.54e+07	1.06	y	1.25	29:04	1.000	0.995	1.005	43.6222
	PCB-20/21/33	8.38e+07	1.05	y	1.20	29:43	1.022	1.017	1.027	39.8759
	PCB-22	*	*	n	1.20	NotFnd	*	1.032	1.042	*
	PCB-36	*	*	n	1.24	NotFnd	*	0.929	0.939	*
	PCB-39	*	*	n	1.32	NotFnd	*	0.943	0.953	*
	PCB-38	7.92e+07	1.06	y	1.18	31:59	0.971	0.966	0.976	42.5909
	PCB-35	8.20e+07	1.05	y	1.20	32:31	0.987	0.982	0.992	43.3194
	PCB-37	8.76e+07	1.05	y	1.33	32:57	1.000	0.995	1.005	41.6582
	PCB-54	8.64e+07	0.78	y	1.12	27:57	1.001	0.996	1.006	47.8448
	PCB-50	*	*	n	0.90	NotFnd	*	1.038	1.048	*
	PCB-53	*	*	n	1.14	NotFnd	*	0.941	0.951	*
	PCB-51	*	*	n	1.18	NotFnd	*	0.952	0.962	*
	PCB-45	*	*	n	1.03	NotFnd	*	0.965	0.975	*
	PCB-46	*	*	n	0.98	NotFnd	*	0.981	0.991	*

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	7.12e+07	0.79	y	1.325	31:30	1.000	0.996	1.006	41.9155
PCB-73	*	*	n	1.388	NotFnd	*	1.000	1.010	*
PCB-43/49	6.63e+07	0.77	y	1.141	31:48	1.010	1.005	1.015	45.3308
PCB-47	*	*	n	1.042	NotFnd	*	0.996	1.006	*
PCB-48/75	*	*	n	1.313	NotFnd	*	0.999	1.009	*
PCB-65	*	*	n	1.234	NotFnd	*	1.007	1.017	*
PCB-62	*	*	n	1.267	NotFnd	*	1.011	1.021	*
PCB-44	5.82e+07	0.78	y	0.909	32:48	1.025	1.020	1.030	45.2927
PCB-42/59	*	*	n	1.197	NotFnd	*	1.027	1.037	*
PCB-41/64/71/72	*	*	n	1.273	NotFnd	*	1.046	1.056	*
PCB-68	*	*	n	1.477	NotFnd	*	1.054	1.064	*
PCB-40	*	*	n	0.820	NotFnd	*	1.060	1.070	*
PCB-57	8.02e+07	0.78	y	1.146	34:27	0.970	0.965	0.975	44.0019
PCB-67	*	*	n	1.144	NotFnd	*	0.974	0.984	*
PCB-58	*	*	n	1.221	NotFnd	*	0.977	0.987	*
PCB-63	*	*	n	1.222	NotFnd	*	0.982	0.992	*
PCB-74	8.40e+07	0.79	y	1.225	35:18	0.994	0.990	1.000	43.1054
PCB-61/70	8.70e+07	0.77	y	1.165	35:31	1.000	0.994	1.004	46.9344
PCB-76/66	8.65e+07	0.78	y	1.199	35:43	1.006	1.001	1.011	45.3440
PCB-80	*	*	n	1.383	NotFnd	*	0.995	1.005	*
PCB-55	*	*	n	1.261	NotFnd	*	1.004	1.014	*
PCB-56/60	*	*	n	1.161	NotFnd	*	1.018	1.028	*
PCB-79	8.32e+07	0.79	y	1.241	37:48	1.052	1.047	1.057	42.9166
PCB-78	7.22e+07	0.79	y	1.129	38:30	0.987	0.982	0.992	41.7299
PCB-81	8.40e+07	0.78	y	1.265	39:02	1.000	0.995	1.005	43.2962
PCB-77	8.06e+07	0.79	y	1.324	39:37	1.000	0.995	1.005	42.3693
PCB-104	6.20e+07	1.60	y	1.367	32:39	1.000	0.996	1.006	44.6220
PCB-96	*	*	n	1.184	NotFnd	*	1.034	1.044	*
PCB-103	*	*	n	1.122	NotFnd	*	1.051	1.061	*
PCB-100	*	*	n	1.096	NotFnd	*	1.062	1.072	*
PCB-94	*	*	n	1.163	NotFnd	*	0.981	0.991	*
PCB-95/98/102	4.33e+07	1.61	y	1.313	35:49	1.000	0.994	1.004	43.0054
PCB-93	*	*	n	1.079	NotFnd	*	0.997	1.007	*
PCB-88/91	*	*	n	1.198	NotFnd	*	1.005	1.015	*
PCB-121	*	*	n	1.847	NotFnd	*	1.009	1.019	*
PCB-84/92	*	*	n	1.217	NotFnd	*	0.985	0.995	*
PCB-89	*	*	n	1.185	NotFnd	*	0.990	1.000	*

Integrations by Analyst: M Date: 10/30/17

Reviewed by Analyst: [illegible] Date: 11/1/17

Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA
Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	4.67e+07	1.60	y	1.38	37:30	1.000	0.995	1.005	44.8233
	PCB-113	*	*	n	1.52	NotFnd	*	1.002	1.012	*
	PCB-99	4.67e+07	1.61	y	1.48	37:49	1.009	1.004	1.014	41.9953
	PCB-119	*	*	n	2.12	NotFnd	*	0.982	0.992	*
	PCB-108/112	*	*	n	1.59	NotFnd	*	0.986	0.996	*
	PCB-83	*	*	n	1.90	NotFnd	*	0.991	1.001	*
	PCB-97	*	*	n	1.50	NotFnd	*	0.995	1.005	*
	PCB-86	*	*	n	1.19	NotFnd	*	0.999	1.009	*
	B-87/117/125	3.94e+07	1.60	y	1.76	39:04	1.007	1.002	1.012	35.0035
	PCB-111/115	5.44e+07	1.60	y	2.09	39:14	1.012	1.007	1.017	40.7988
	PCB-85/116	*	*	n	1.53	NotFnd	*	1.010	1.020	*
	PCB-120	*	*	n	2.19	NotFnd	*	1.016	1.026	*
	PCB-110	5.38e+07	1.62	y	1.87	39:44	1.024	1.020	1.030	45.1357
	PCB-82	*	*	n	0.88	NotFnd	*	0.971	0.981	*
	PCB-124	*	*	n	1.46	NotFnd	*	0.988	0.998	*
	PCB-107/109	*	*	n	1.47	NotFnd	*	0.991	1.001	*
	PCB-123	5.38e+07	1.59	y	1.48	41:22	1.001	0.996	1.006	42.8706
-	PCB-106/118	5.66e+07	1.60	y	1.45	41:32	1.000	0.996	1.006	44.2384
-	PCB-114	5.56e+07	1.57	y	1.39	42:11	1.000	0.995	1.005	39.6351
	PCB-122	*	*	n	1.21	NotFnd	*	0.999	1.009	*
	PCB-105	5.87e+07	1.59	y	1.44	43:03	1.001	0.995	1.005	40.1857
	PCB-127	*	*	n	1.19	NotFnd	*	0.995	1.005	*
	PCB-126	6.11e+07	1.59	y	1.33	45:17	1.000	0.995	1.005	46.3147
	PCB-155	4.38e+07	1.27	y	1.42	37:03	1.001	0.966	1.006	42.6203
	PCB-150	*	*	n	1.32	NotFnd	*	1.029	1.039	*
	PCB-152	*	*	n	1.30	NotFnd	*	1.042	1.052	*
	PCB-145	*	*	n	1.27	NotFnd	*	1.054	1.064	*
	PCB-136	*	*	n	1.30	NotFnd	*	1.063	1.073	*
	PCB-148	*	*	n	0.94	NotFnd	*	1.066	1.076	*
	PCB-154	*	*	n	1.04	NotFnd	*	1.079	1.089	*
	PCB-151	*	*	n	0.97	NotFnd	*	1.095	1.107	*
	PCB-135	*	*	n	0.99	NotFnd	*	1.101	1.113	*
	PCB-144	*	*	n	0.99	NotFnd	*	1.105	1.116	*
	PCB-147	*	*	n	0.89	NotFnd	*	1.108	1.120	*
	PCB-139/149	3.02e+07	1.29	y	1.03	41:30	1.121	1.115	1.127	40.4847
-	PCB-140	*	*	n	0.97	NotFnd	*	1.120	1.132	*
-	PCB-134/143	*	*	n	0.93	NotFnd	*	0.970	0.980	*

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	*	*	n	0.92	NotFnd	*	0.977	0.987	*
PCB-142	*	*	n	0.86	NotFnd	*	0.980	0.990	*
PCB-146/165	*	*	n	1.12	NotFnd	*	0.986	0.996	*
PCB-132/161	*	*	n	1.13	NotFnd	*	0.992	1.002	*
PCB-153	5.63e+07	1.22	y	1.16	43:13	1.000	0.996	1.006	43.4154
PCB-168	*	*	n	1.41	NotFnd	*	1.000	1.010	*
PCB-141	*	*	n	1.24	NotFnd	*	0.996	1.006	*
PCB-137	*	*	n	1.25	NotFnd	*	1.004	1.014	*
PCB-130	*	*	n	1.07	NotFnd	*	1.006	1.016	*
PCB-138/163/164	5.05e+07	1.24	y	1.36	44:47	1.000	0.996	1.006	37.7787
PCB-158/160	*	*	n	1.46	NotFnd	*	1.001	1.011	*
PCB-129	*	*	n	1.01	NotFnd	*	1.007	1.017	*
PCB-166	*	*	n	1.23	NotFnd	*	0.988	0.998	*
PCB-159	*	*	n	1.31	NotFnd	*	0.995	1.005	*
PCB-128/162	6.05e+07	1.21	y	1.09	46:22	1.007	1.002	1.012	47.6550
PCB-167	6.65e+07	1.24	y	1.29	46:45	1.000	0.995	1.005	43.8477
PCB-156	6.03e+07	1.23	y	1.32	48:02	1.000	0.995	1.005	39.5511
PCB-157	6.73e+07	1.23	y	1.34	48:19	1.001	0.995	1.005	43.2090
PCB-169	6.23e+07	1.25	y	1.21	50:30	1.000	0.995	1.005	44.6796
PCB-188	5.70e+07	1.05	y	1.61	42:51	1.000	0.995	1.005	45.0922
PCB-184	*	*	n	1.46	NotFnd	*	1.006	1.016	*
PCB-179	*	*	n	1.49	NotFnd	*	1.024	1.034	*
PCB-176	*	*	n	1.58	NotFnd	*	1.035	1.045	*
PCB-186	*	*	n	1.54	NotFnd	*	1.049	1.059	*
PCB-178	3.92e+07	1.06	y	1.16	45:38	1.065	1.061	1.071	43.0396
PCB-175	*	*	n	1.17	NotFnd	*	1.069	1.079	*
PCB-182/187	4.27e+07	1.06	y	1.25	46:08	1.077	1.073	1.083	43.2834
PCB-183	*	*	n	1.32	NotFnd	*	1.080	1.090	*
PCB-185	*	*	n	1.67	NotFnd	*	0.951	0.961	*
PCB-174	3.79e+07	1.07	y	1.53	47:29	0.963	0.958	0.968	45.8313
PCB-181	*	*	n	1.59	NotFnd	*	0.960	0.970	*
PCB-177	*	*	n	1.48	NotFnd	*	0.964	0.974	*
PCB-171	*	*	n	1.71	NotFnd	*	0.969	0.979	*
PCB-173	*	*	n	1.40	NotFnd	*	0.978	0.988	*
PCB-172	*	*	n	1.61	NotFnd	*	0.987	0.997	*
PCB-192	*	*	n	2.08	NotFnd	*	0.991	1.001	*
PCB-180	4.46e+07	1.07	y	1.67	49:20	1.000	0.995	1.005	49.3993

Integrations by Analyst: MJ

Date: 10/30/17

Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA
Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL UCL	Conc
	PCB-193	*	*	n	2.18	NotFnd	*	0.999-1.009	*
	PCB-191	*	*	n	2.22	NotFnd	*	1.005-1.015	*
	PCB-170	3.70e+07	1.06	y	1.83	50:55	1.000	0.995-1.005	42.2183
	PCB-190	*	*	n	2.48	NotFnd	*	0.999-1.009	*
	PCB-189	4.81e+07	1.05	y	1.82	52:32	1.000	0.995-1.005	41.6357
	PCB-202	3.86e+07	0.88	y	1.15	48:15	1.000	0.995-1.005	48.2359
	PCB-201	*	*	n	1.25	NotFnd	*	1.005-1.015	*
	PCB-204	*	*	n	1.21	NotFnd	*	1.009-1.019	*
	PCB-197	*	*	n	1.34	NotFnd	*	1.015-1.025	*
	PCB-200	3.62e+07	0.88	y	1.22	50:06	1.038	1.034-1.044	42.7913
	PCB-198	*	*	n	0.90	NotFnd	*	1.064-1.074	*
	PCB-199	*	*	n	0.85	NotFnd	*	1.067-1.077	*
-	PCB-196/203	2.89e+07	0.90	y	0.96	51:58	1.077	1.072-1.082	43.3603
-	PCB-195	3.56e+07	0.89	y	1.12	53:12	0.984	0.979-0.989	46.1686
	PCB-194	3.76e+07	0.90	y	1.26	54:06	1.000	0.995-1.005	43.4045
	PCB-205	4.63e+07	0.92	y	1.59	54:22	1.005	1.000-1.010	42.4076
	PCB-208	4.21e+07	1.37	y	1.09	53:21	1.000	0.995-1.005	40.7913
	PCB-207	*	*	n	1.10	NotFnd	*	1.001-1.011	*
	PCB-206	2.93e+07	1.32	y	0.94	55:40	1.000	0.995-1.005	45.0080
	PCB-209	3.59e+07	1.19	y	1.44	56:59	1.000	0.995-1.005	39.2933

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	4.79e+08	3.02	y	16:03	1.11	192.397	
Total Di-PCB	1.25e+09	1.56	y	20:04	1.19	628.502	
Total Tri-PCB	1.38e+08	1.06	y	24:12	1.27	90.5718	
Total Tri-PCB	5.15e+08	1.06	y	28:59	1.23	248.585	Sum:339.157
Total Tetra-PCB	9.40e+08	0.78	y	27:57	1.17	530.368	
Total Penta-PCB	4.57e+08	1.60	y	32:39	1.37	382.493	
Total Penta-PCB	1.75e+08	1.57	y	42:11	1.31	126.135	Sum:508.628
Total Hexa-PCB	7.40e+07	1.27	y	37:03	1.10	83.1229	
Total Hexa-PCB	4.24e+08	1.22	y	43:13	1.17	300.148	Sum:383.271
Total Hepta-PCB	3.06e+08	1.05	y	42:51	1.55	310.500	
Total Octa-PCB	1.04e+08	0.88	y	48:15	1.09	134.388	
Total Octa-PCB	1.21e+08	0.89	y	53:12	1.33	133.983	Sum:268.371
Total Nona-PCB	7.13e+07	1.37	y	53:21	1.05	85.7992	
Total Deca-PCB	3.59e+07	1.19	y	56:59	1.44	39.2933	

Total PCB Conc:3283.96804700

Integrations by Analyst: MJ

Date: 10/30/17

Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA
Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-1	2.11e+08	3.20 y	1.24	16:02	0.619	0.616-0.622	92.5	92.5
13C-PCB-3	2.33e+08	3.23 y	1.25	18:40	0.721	0.717-0.725	101	101
13C-PCB-4	1.22e+08	1.60 y	0.66	20:01	0.772	0.768-0.776	99.9	99.9
13C-PCB-9	1.88e+08	1.56 y	0.98	21:49	0.842	0.838-0.846	103	103
13C-PCB-11	1.74e+08	1.57 y	0.95	25:12	0.973	0.968-0.978	98.5	98.5
13C-PCB-19	1.18e+08	1.06 y	0.64	24:11	0.933	0.928-0.938	100	100
13C-PCB-28	1.75e+08	1.05 y	0.98	29:04	1.004	0.999-1.009	115	115
13C-PCB-32	1.66e+08	1.09 y	0.90	27:07	1.046	1.041-1.051	99.6	99.6
13C-PCB-37	1.58e+08	1.06 y	0.95	32:56	1.137	1.131-1.144	106	106
13C-PCB-47	1.41e+08	0.80 y	0.85	31:59	0.871	0.867-0.875	108	108
13C-PCB-52	1.28e+08	0.80 y	0.77	31:29	0.857	0.853-0.861	107	107
13C-PCB-54	1.61e+08	0.80 y	0.99	27:56	0.760	0.757-0.765	106	106
13C-PCB-70	1.59e+08	0.80 y	1.00	35:30	0.966	0.961-0.971	103	103
13C-PCB-77	1.44e+08	0.81 y	0.96	39:36	1.078	1.073-1.083	97.6	97.6
13C-PCB-80	1.56e+08	0.82 y	1.00	35:56	0.978	0.973-0.983	101	101
13C-PCB-81	1.53e+08	0.80 y	1.00	39:01	1.062	1.057-1.067	99.1	99.1
13C-PCB-95	7.67e+07	1.57 y	0.81	35:48	0.913	0.908-0.918	104	104
13C-PCB-97	6.39e+07	1.60 y	0.70	38:47	0.989	0.984-0.994	101	101
13C-PCB-101	7.54e+07	1.60 y	0.80	37:29	0.956	0.951-0.961	104	104
13C-PCB-104	1.02e+08	1.60 y	1.03	32:38	0.832	0.828-0.836	109	109
13C-PCB-105	1.01e+08	1.60 y	1.16	43:02	0.929	0.924-0.934	103	103
13C-PCB-114	1.01e+08	1.58 y	1.17	42:11	0.910	0.905-0.915	102	102
13C-PCB-118	8.84e+07	1.59 y	0.99	41:31	1.059	1.054-1.064	98.1	98.1
13C-PCB-123	8.50e+07	1.60 y	0.95	41:21	1.054	1.049-1.059	98.4	98.4
13C-PCB-126	9.89e+07	1.60 y	1.16	45:16	0.977	0.972-0.982	101	101
13C-PCB-127	1.07e+08	1.59 y	1.25	43:22	0.936	0.931-0.941	101	101
13C-PCB-138	9.80e+07	1.27 y	1.15	44:47	0.967	0.961-0.971	101	101
13C-PCB-141	9.39e+07	1.26 y	1.08	43:56	0.948	0.943-0.953	103	103
13C-PCB-153	1.12e+08	1.27 y	1.28	43:12	0.933	0.928-0.938	103	103
13C-PCB-155	7.24e+07	1.30 y	0.75	37:02	0.944	0.939-0.949	107	107
13C-PCB-156	1.16e+08	1.26 y	1.37	48:01	1.037	1.032-1.042	99.4	99.4
13C-PCB-157	1.17e+08	1.27 y	1.38	48:17	1.042	1.038-1.048	99.8	99.8
13C-PCB-159	1.16e+08	1.26 y	1.38	46:03	0.994	0.989-0.999	99.3	99.3
13C-PCB-167	1.17e+08	1.29 y	1.39	46:44	1.009	1.004-1.014	99.6	99.6
13C-PCB-169	1.15e+08	1.28 y	1.38	50:30	1.090	1.085-1.095	98.5	98.5
13C-PCB-170	4.79e+07	0.47 y	0.84	50:55	1.103	1.097-1.109	101	101
13C-PCB-180	5.41e+07	0.46 y	0.96	49:19	1.068	1.063-1.073	99.6	99.6
13C-PCB-188	7.86e+07	0.47 y	1.39	42:50	0.928	0.923-0.933	100	100
13C-PCB-189	6.36e+07	0.47 y	1.12	52:31	1.138	1.132-1.144	101	101
13C-PCB-194	6.85e+07	0.92 y	0.76	54:05	0.995	0.990-1.000	99.9	99.9
13C-PCB-202	6.94e+07	0.90 y	1.21	48:15	1.045	1.040-1.050	102	102
13C-PCB-206	6.92e+07	0.79 y	0.78	55:39	1.024	1.019-1.029	98.4	98.4
13C-PCB-208	9.46e+07	0.79 y	1.08	53:20	0.981	0.976-0.986	97.6	97.6
13C-PCB-209	6.34e+07	1.22 y	0.73	56:58	1.048	1.043-1.053	96.2	96.2

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	1.59e+08	0.78 y	1.02	37:48	1.029	1.024-1.034	101	101
13C-PCB-178	5.26e+07	0.46 y	0.90	45:37	0.985	0.980-0.990	103	103

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	1.59e+08	0.78 y	1.01	37:48	0.969	0.963-0.973	102	102
13C-PCB-178	5.26e+07	0.46 y	0.94	45:37	0.925	0.920-0.930	103	103

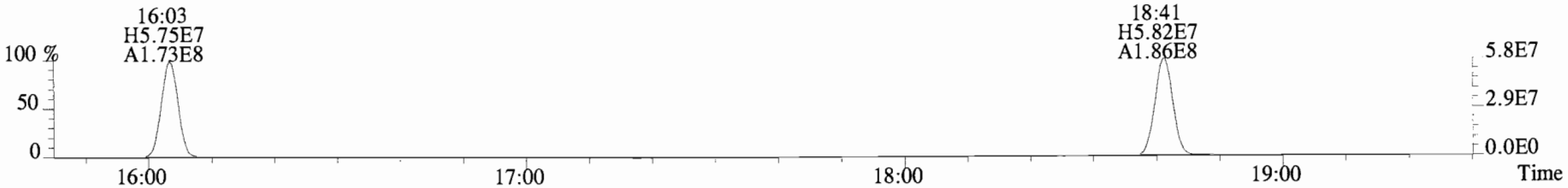
RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	1.85e+08	1.57	y	1.00	25:54	100
13C-PCB-31	1.56e+08	1.05	y	1.00	28:57	100
13C-PCB-60	1.54e+08	0.80	y	1.00	36:44	100
13C-PCB-111	9.06e+07	1.62	y	1.00	39:13	100
13C-PCB-128	8.48e+07	1.27	y	1.00	46:19	100
13C-PCB-182	5.65e+07	0.46	y	1.00	46:09	100
13C-PCB-205	9.01e+07	0.91	y	1.00	54:21	100

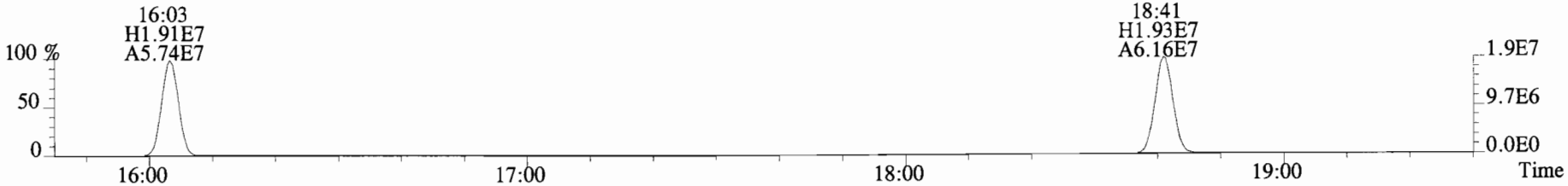
Analyst: MJ

Date: 10/30/17

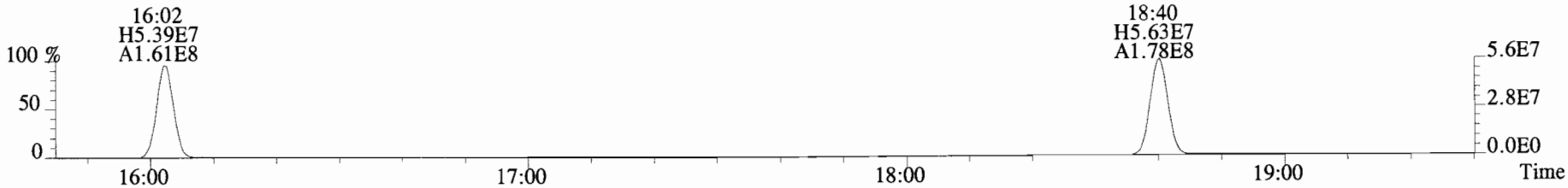
File:171027E1 #1-866 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12644.0,0.00%,F,F)



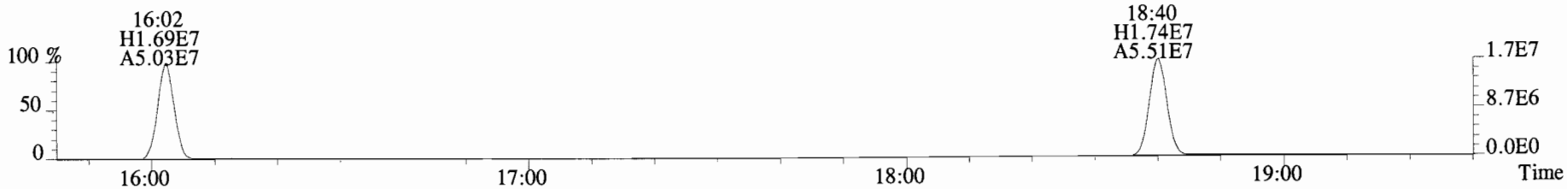
190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9104.0,0.00%,F,F)



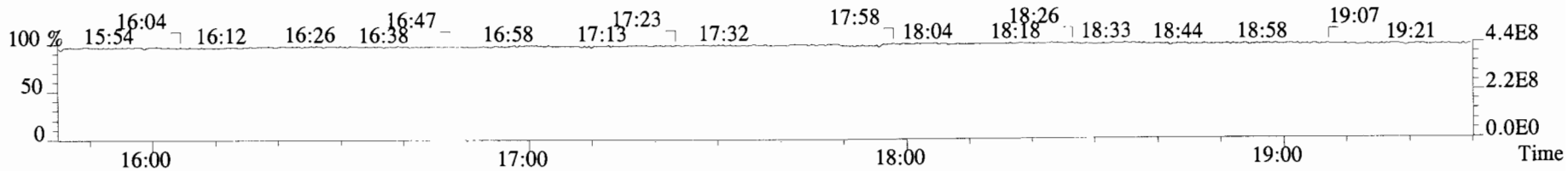
200.0795 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9104.0,0.00%,F,F)



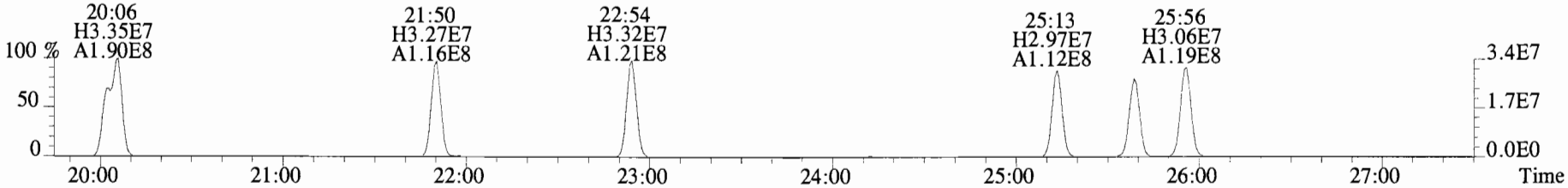
202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22044.0,0.00%,F,F)



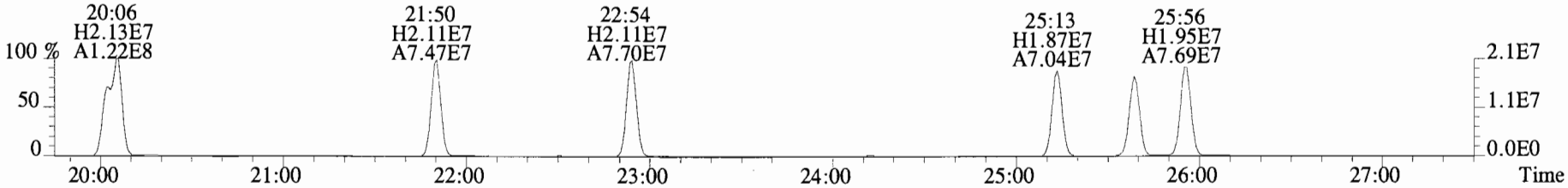
180.9880 S:8



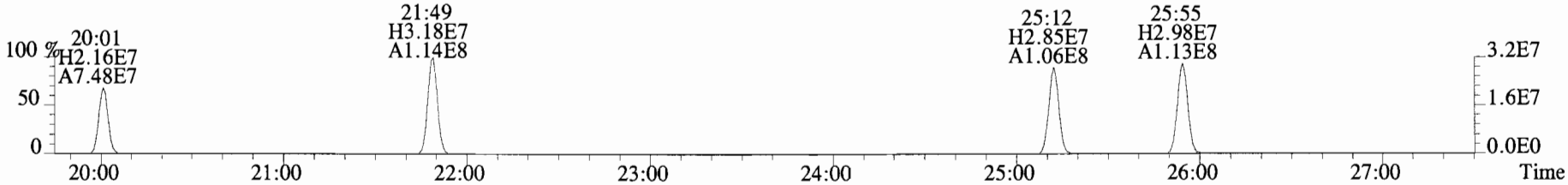
File:171027E1 #1-757 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6392.0,0.00%,F,F)



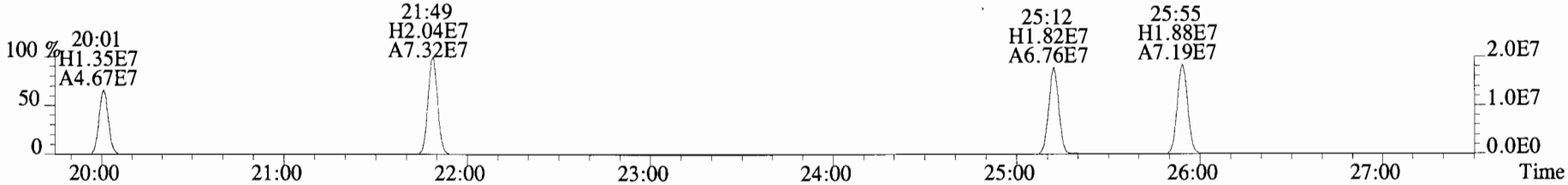
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33124.0,0.00%,F,F)



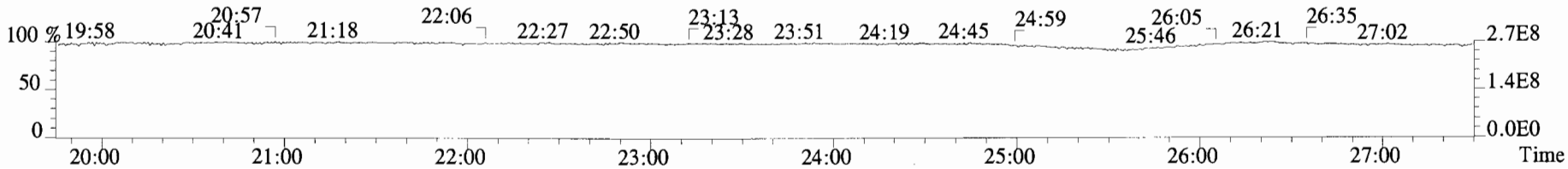
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8160.0,0.00%,F,F)



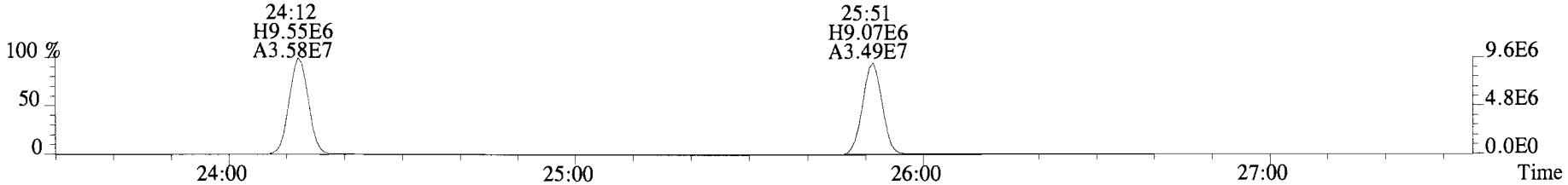
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5668.0,0.00%,F,F)



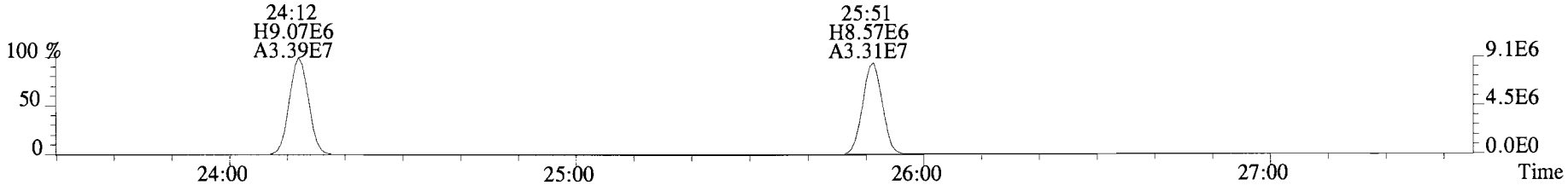
230.9856 S:8 F:2



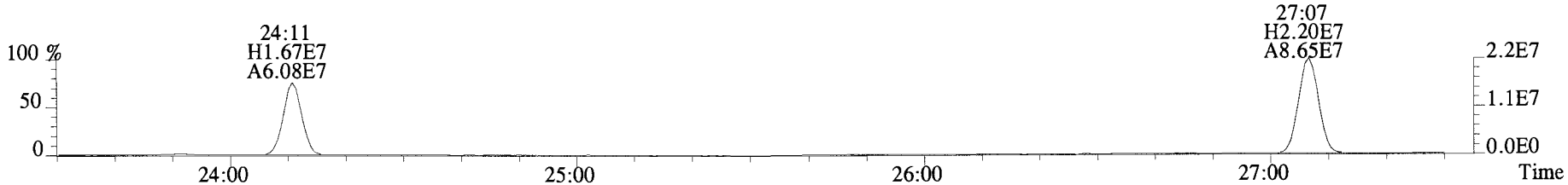
File:171027E1 #1-757 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5640.0,0.00%,F,F)



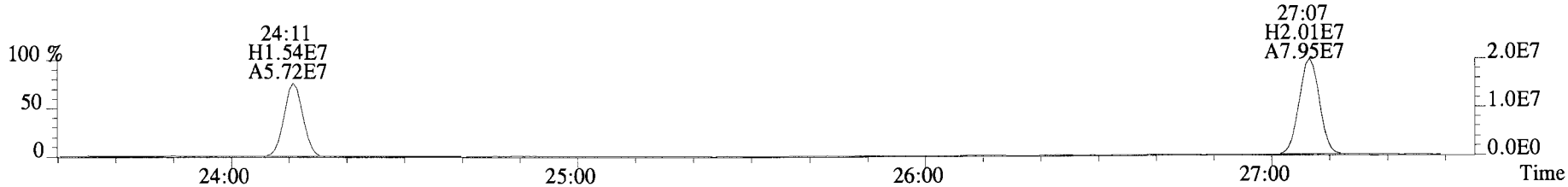
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3696.0,0.00%,F,F)



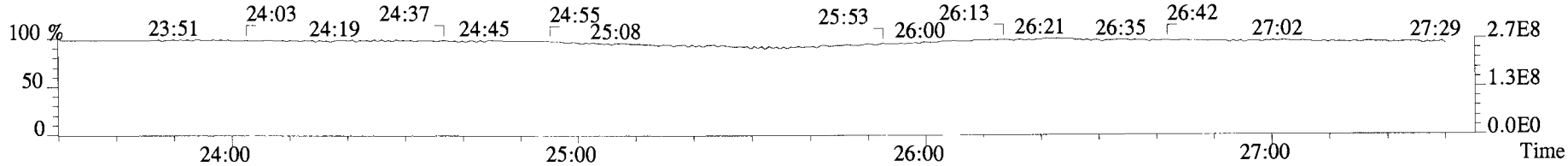
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176960.0,0.00%,F,F)



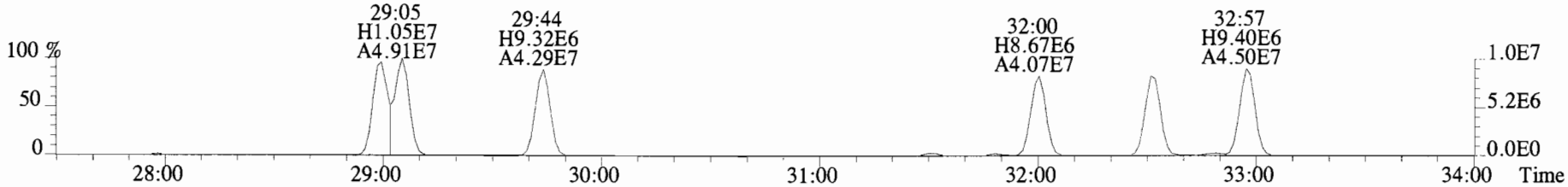
269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,157120.0,0.00%,F,F)



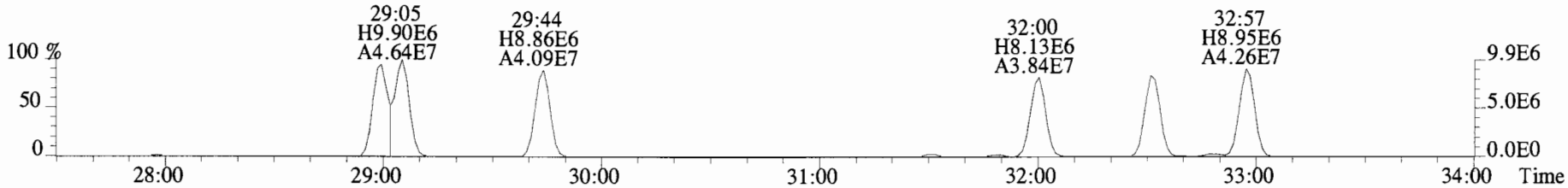
230.9856 S:8 F:2



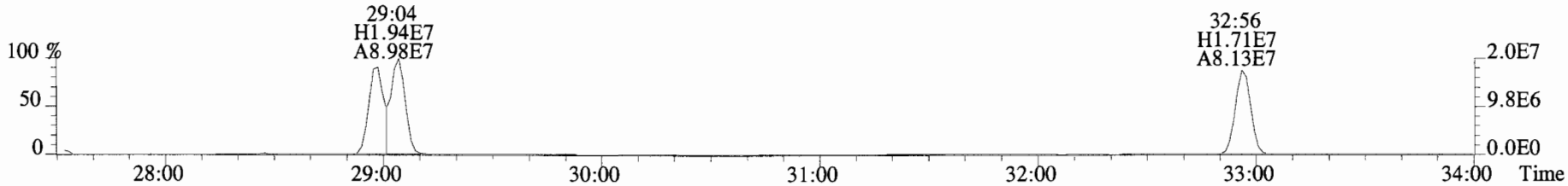
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7064.0,0.00%,F,F)



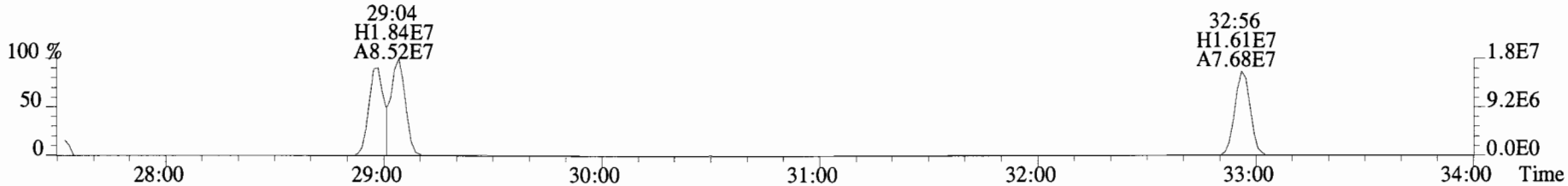
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5428.0,0.00%,F,F)



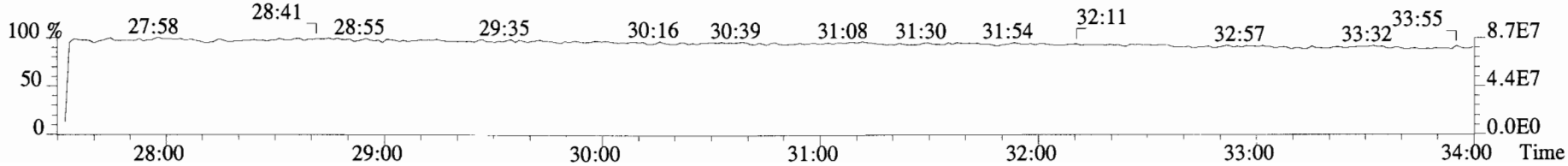
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124068.0,0.00%,F,F)



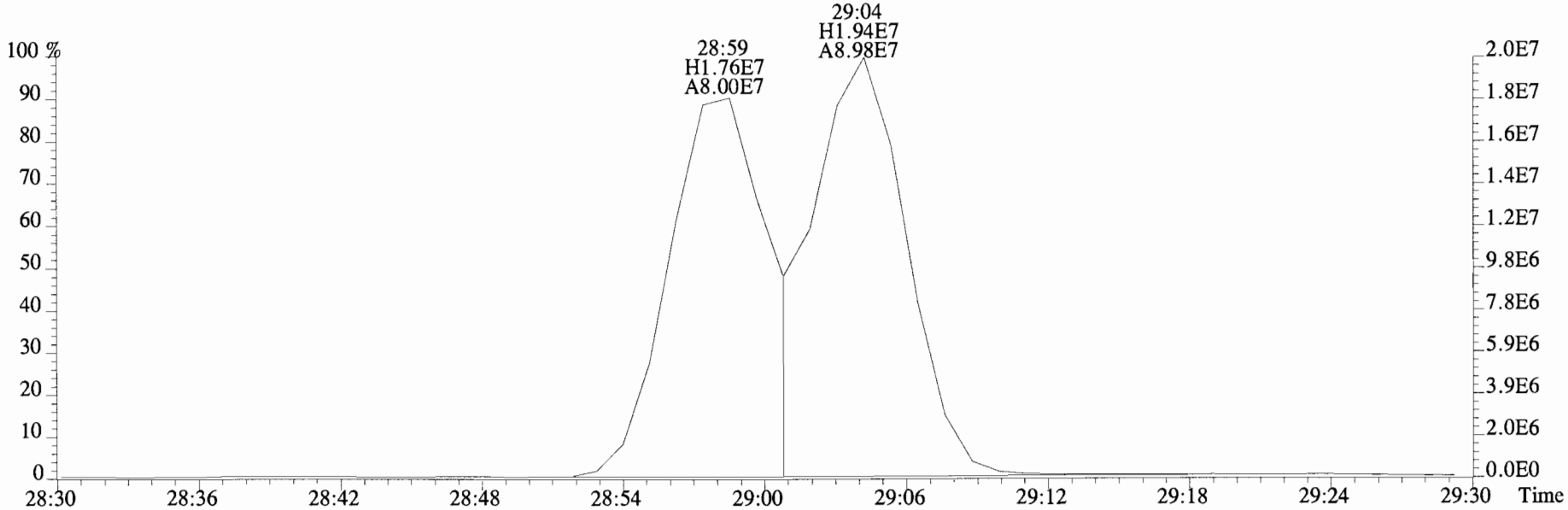
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48568.0,0.00%,F,F)



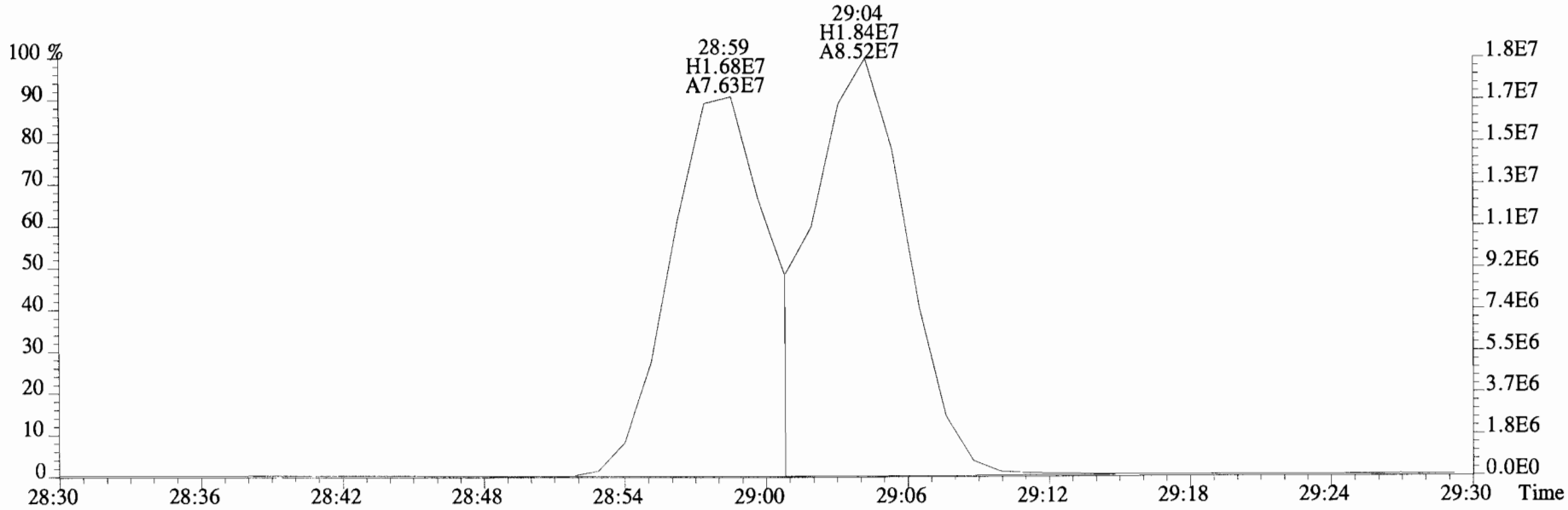
330.9792 S:8 F:3



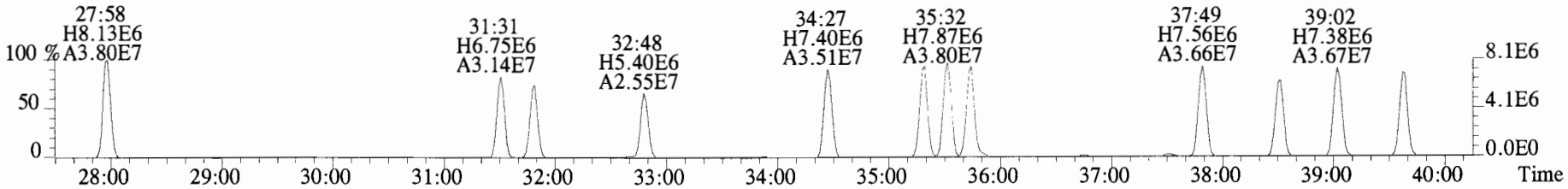
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124068.0,0.00%,F,F)



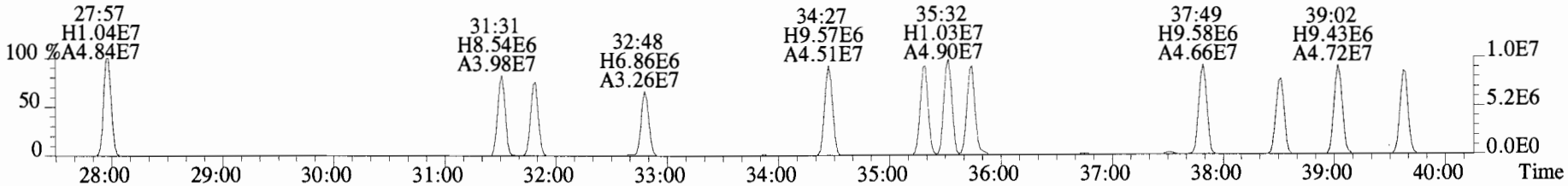
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48568.0,0.00%,F,F)



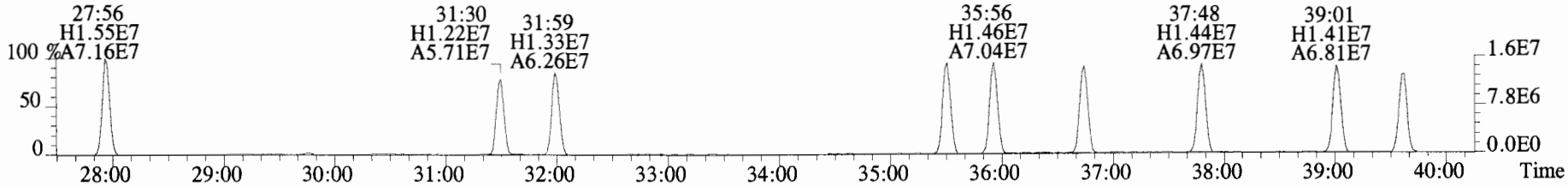
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



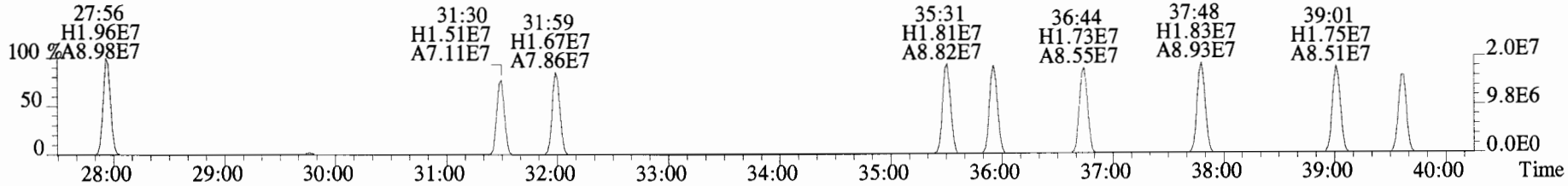
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



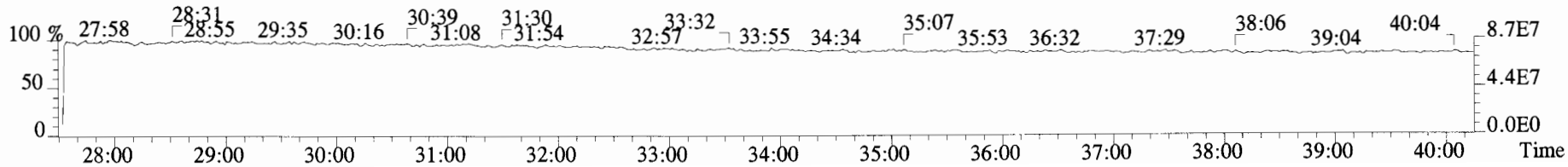
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



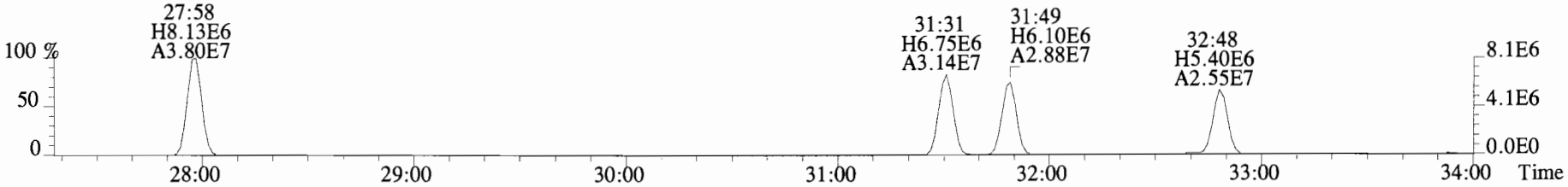
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



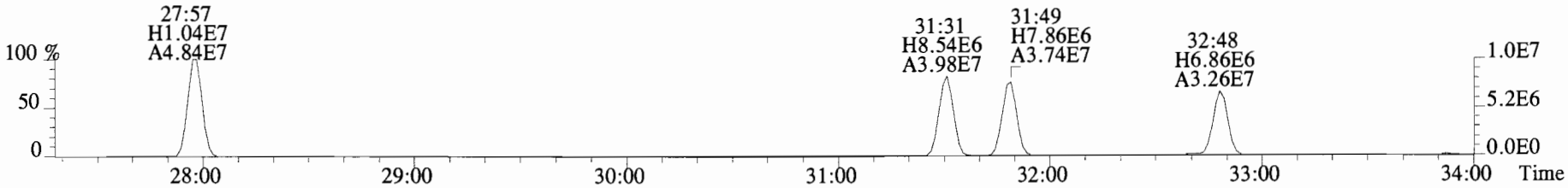
330.9792 S:8 F:3



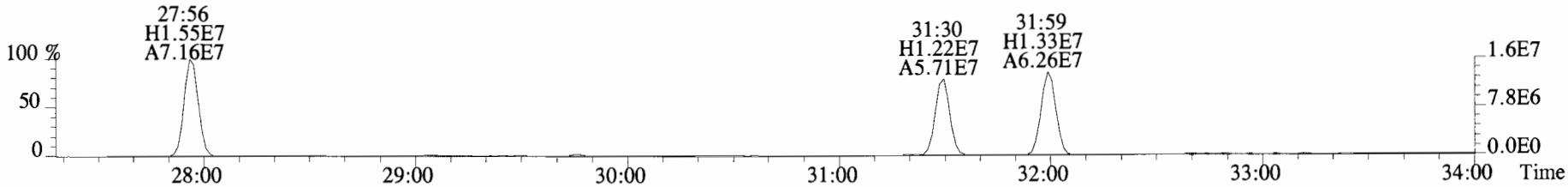
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



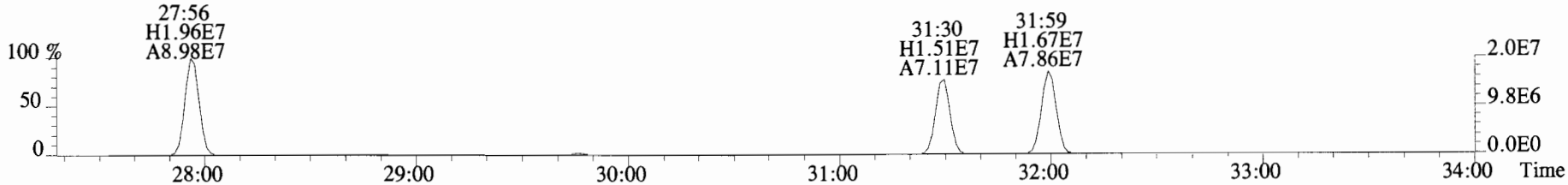
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



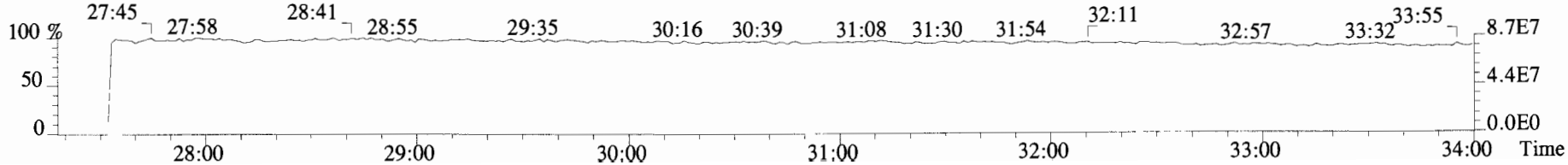
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



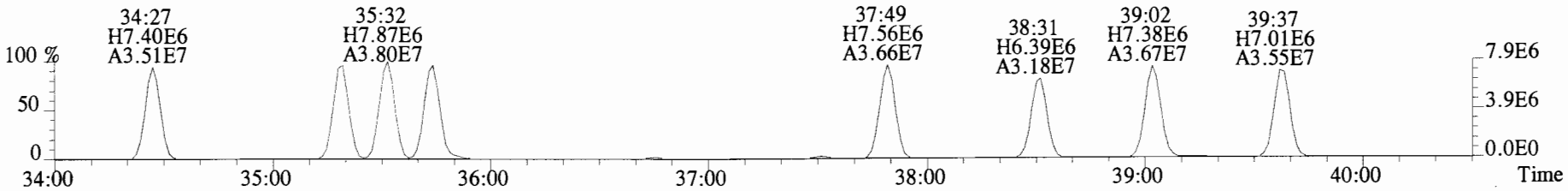
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



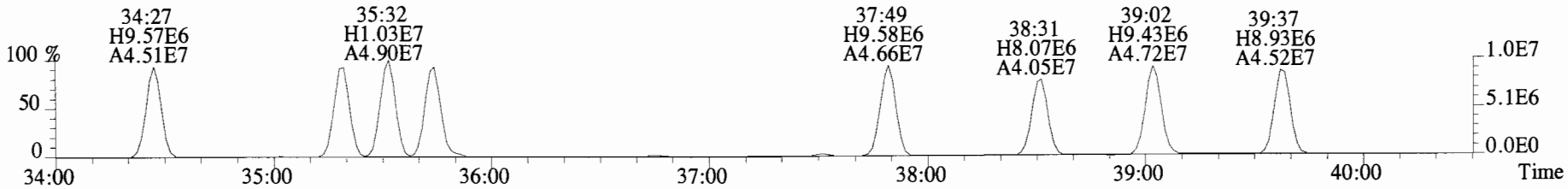
330.9792 S:8 F:3



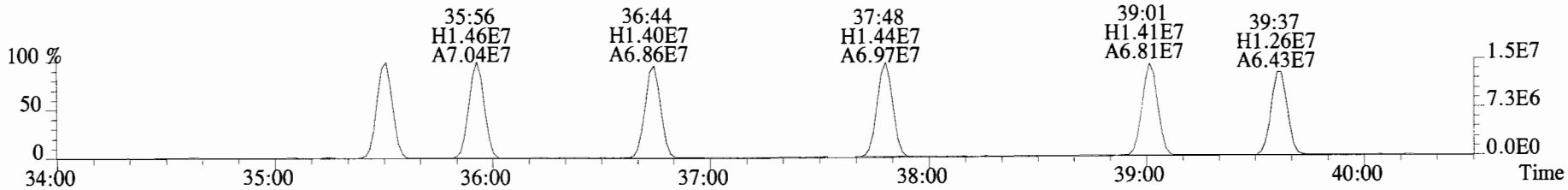
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



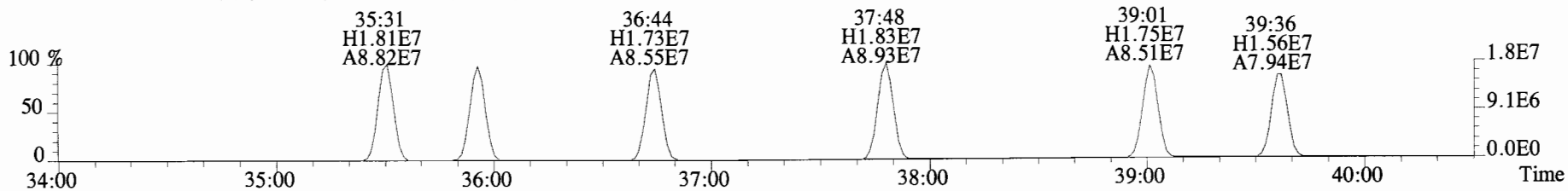
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



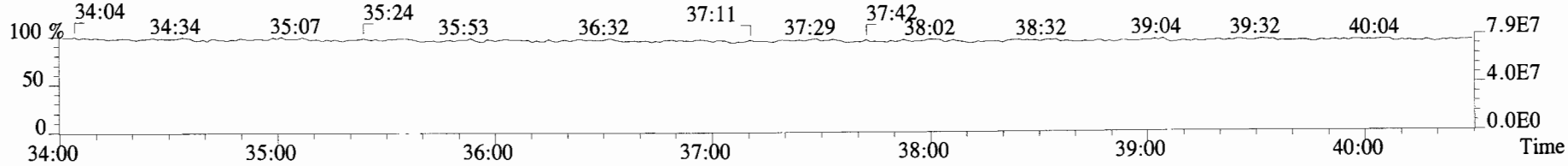
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



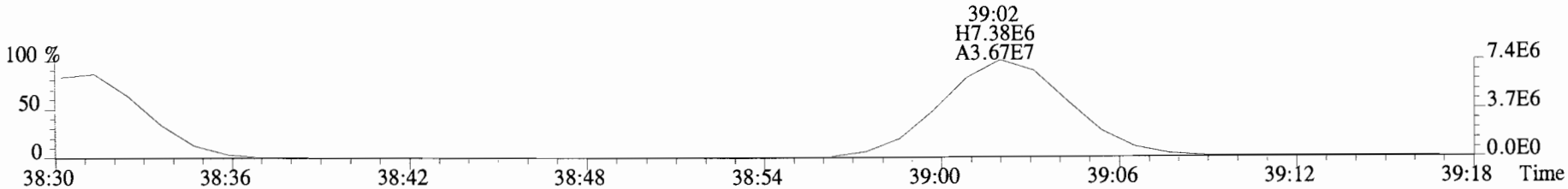
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



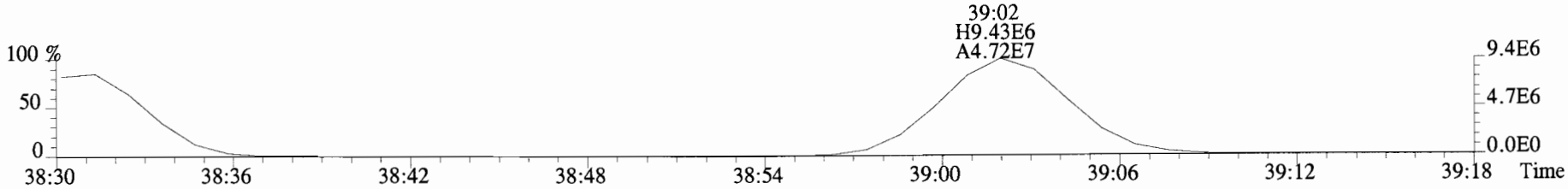
330.9792 S:8 F:3



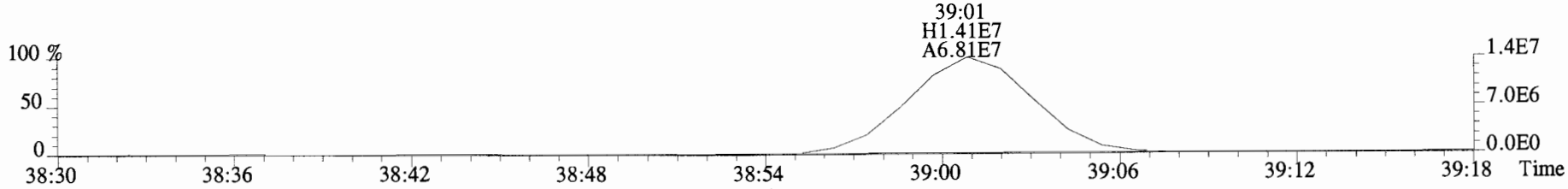
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



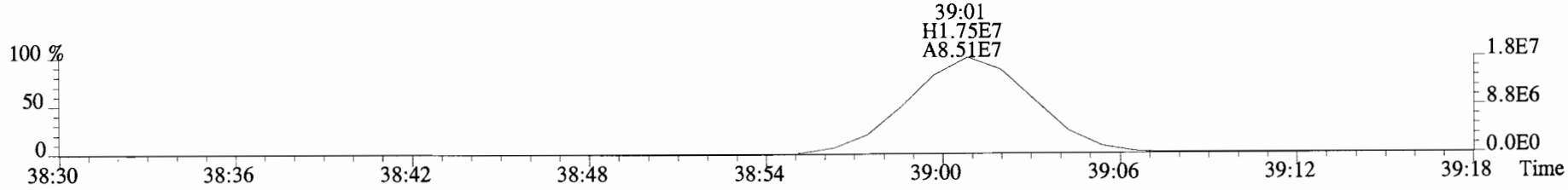
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



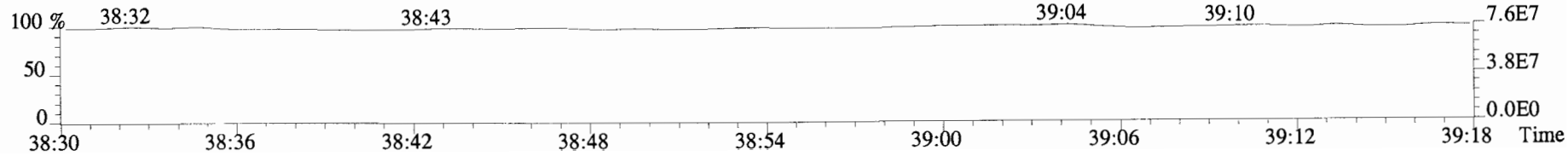
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



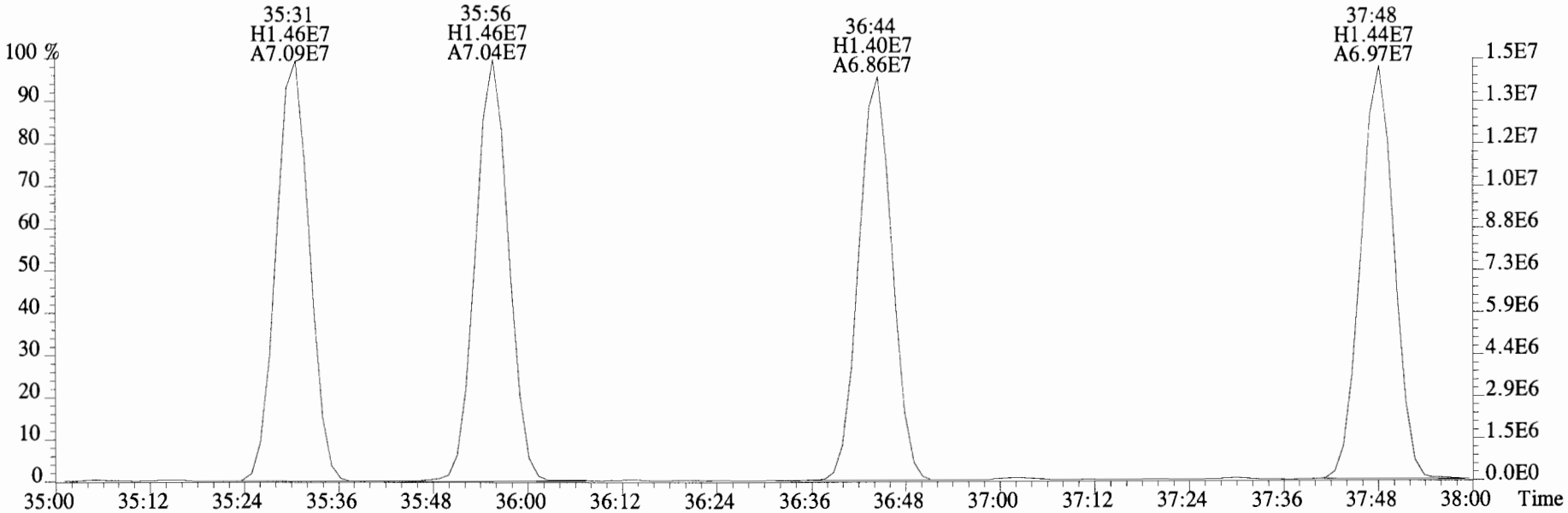
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



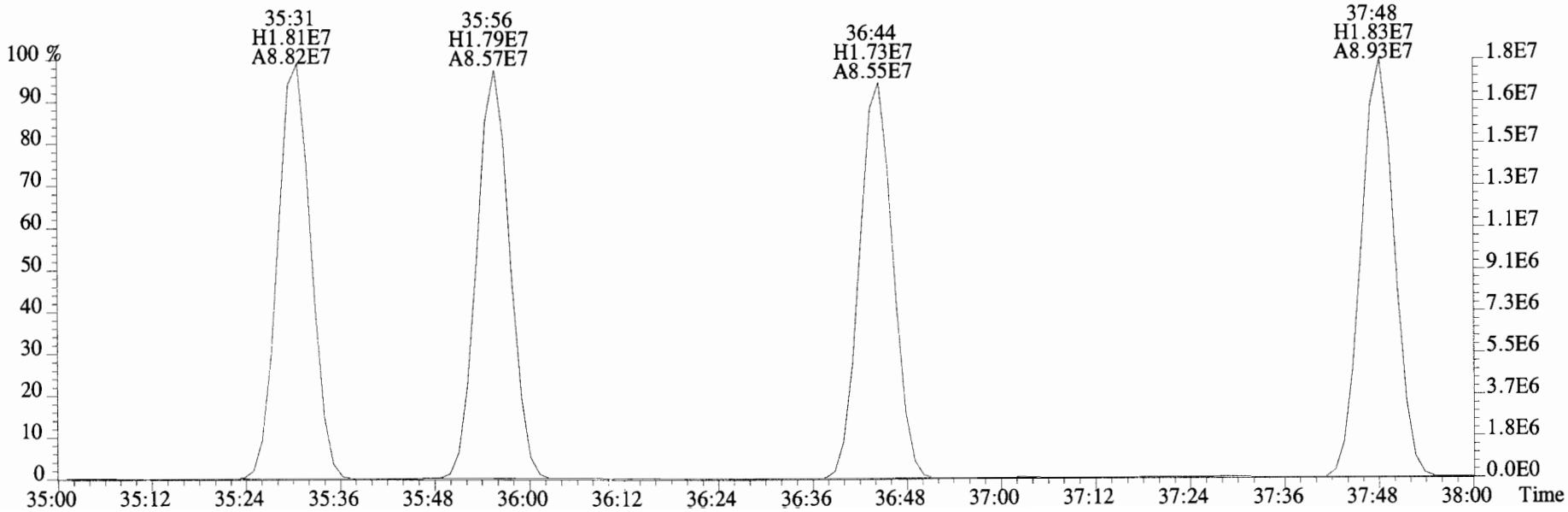
330.9792 S:8 F:3



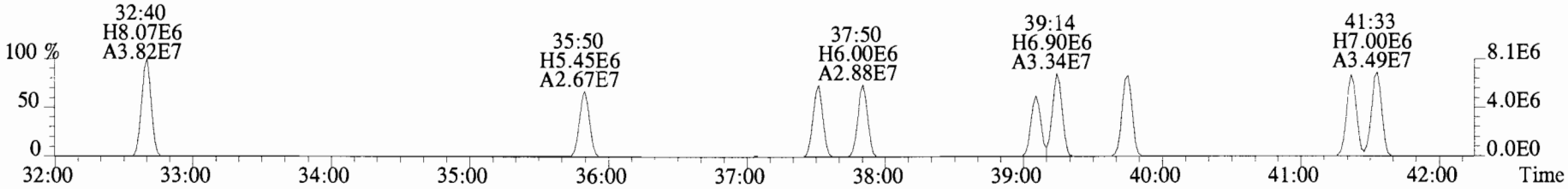
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



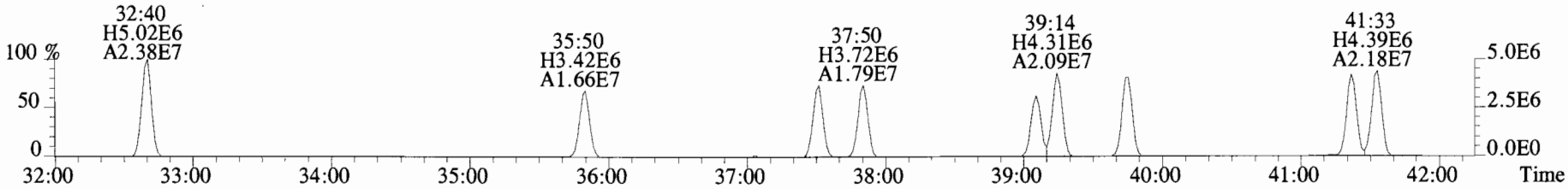
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



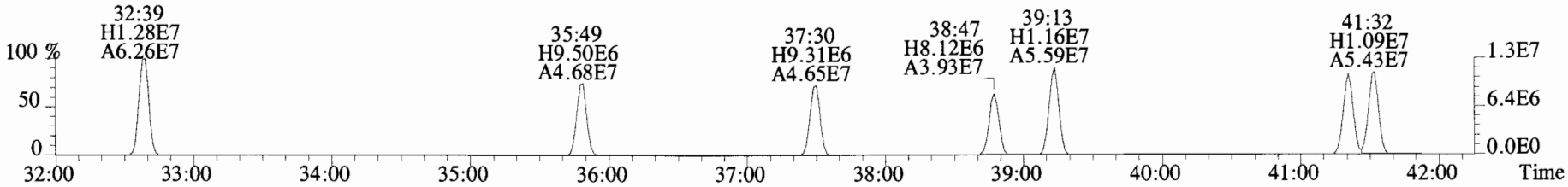
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4080.0,0.00%,F,F)



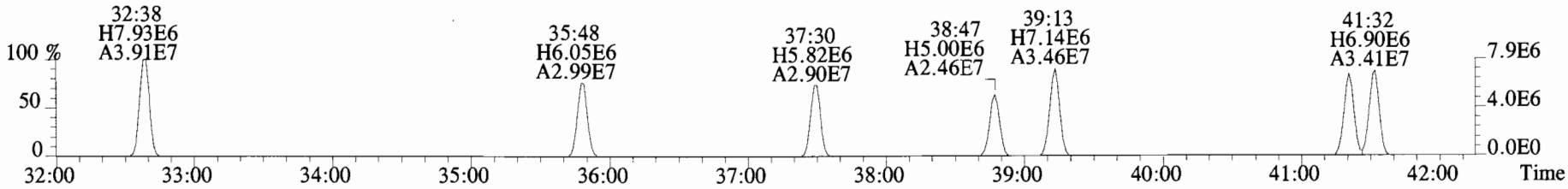
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



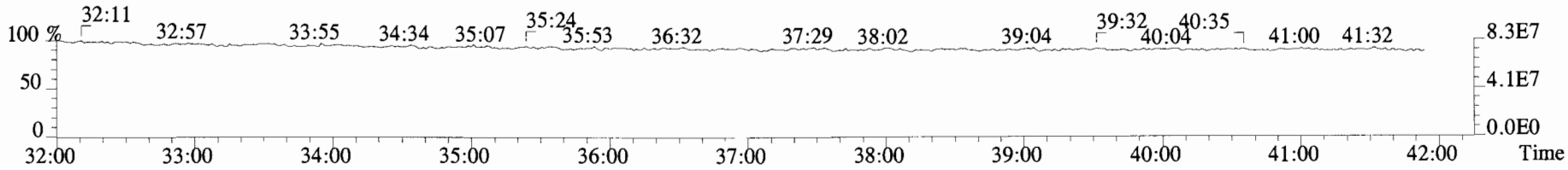
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



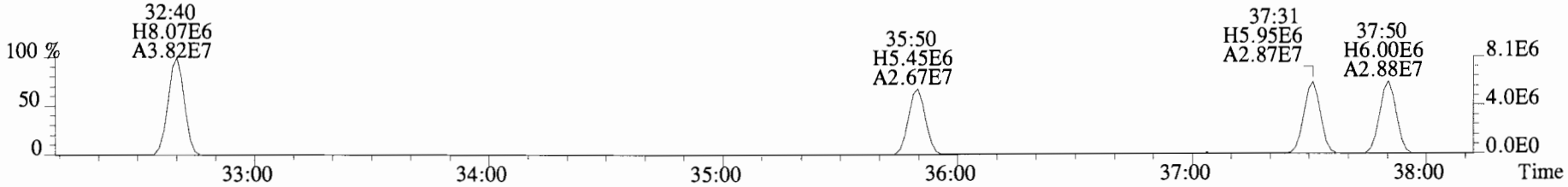
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



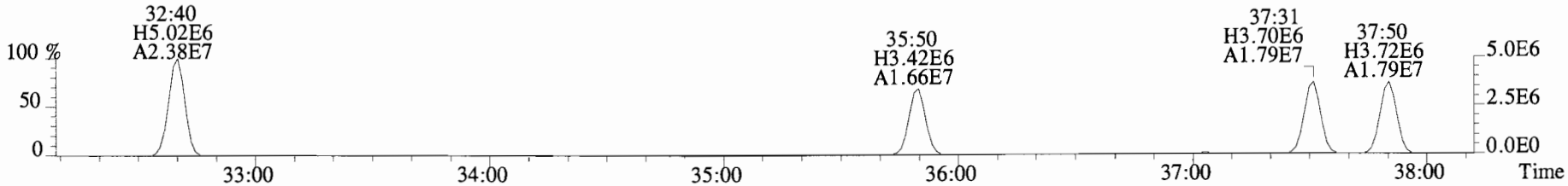
330.9792 S:8 F:3



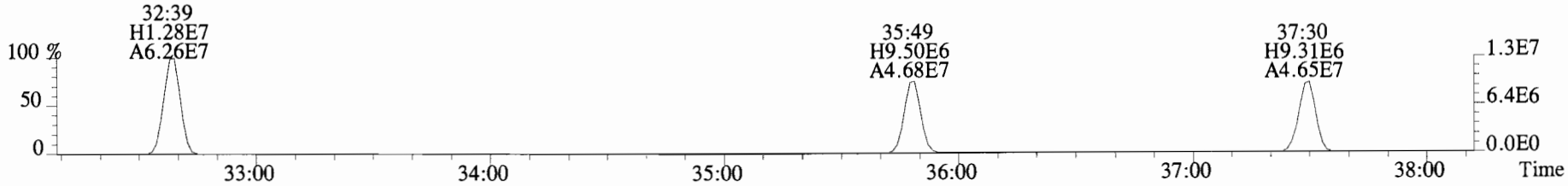
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4080.0,0.00%,F,F)



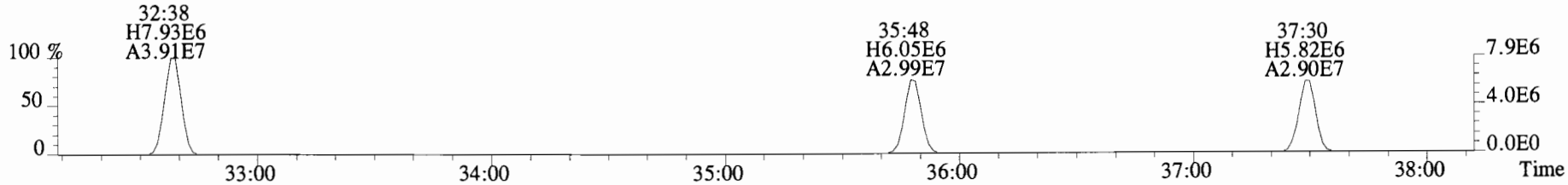
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



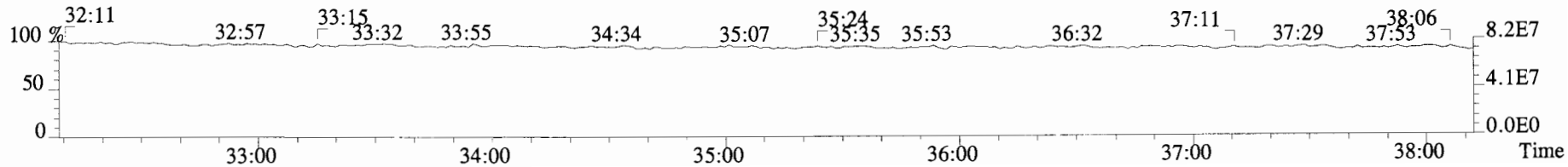
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



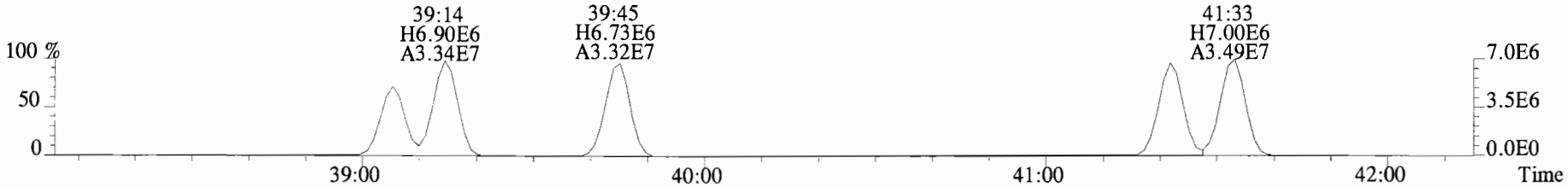
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



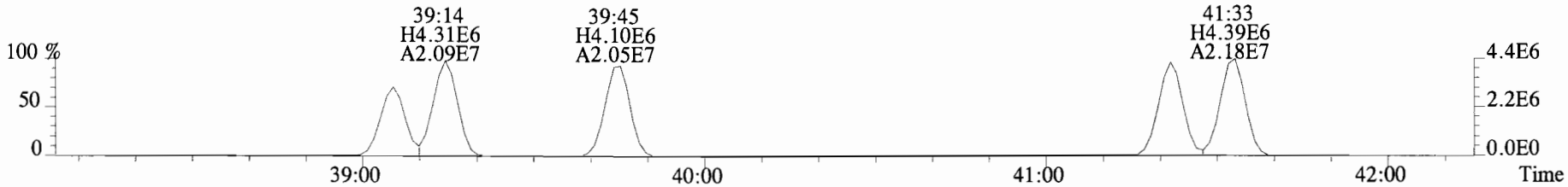
330.9792 S:8 F:3



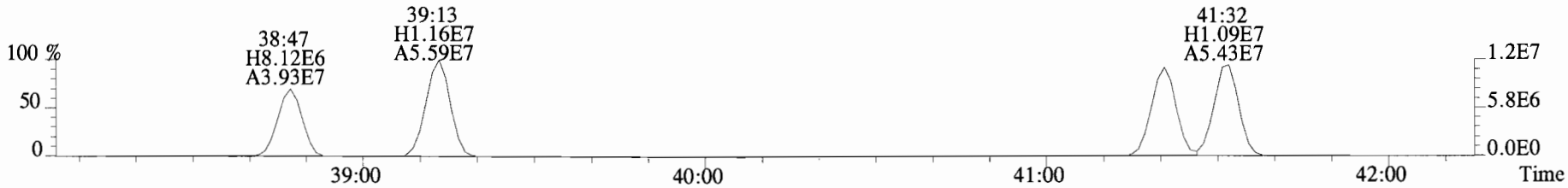
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4080.0,0.00%,F,F)



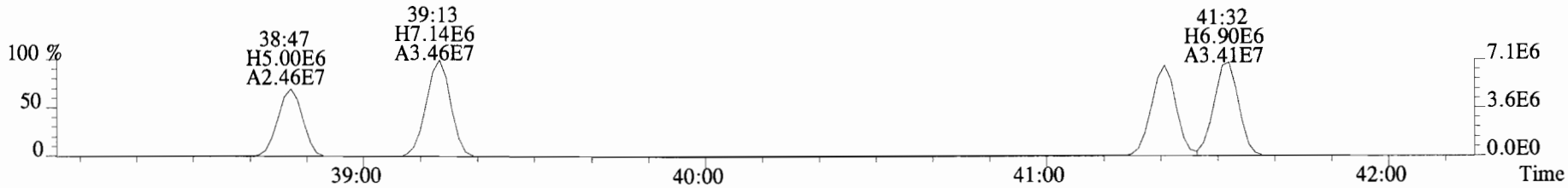
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



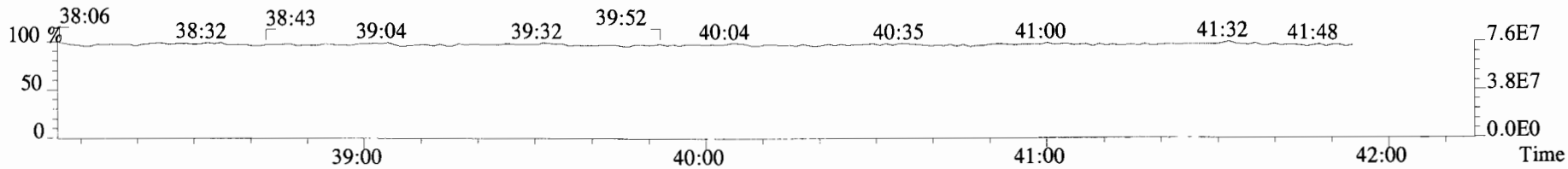
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



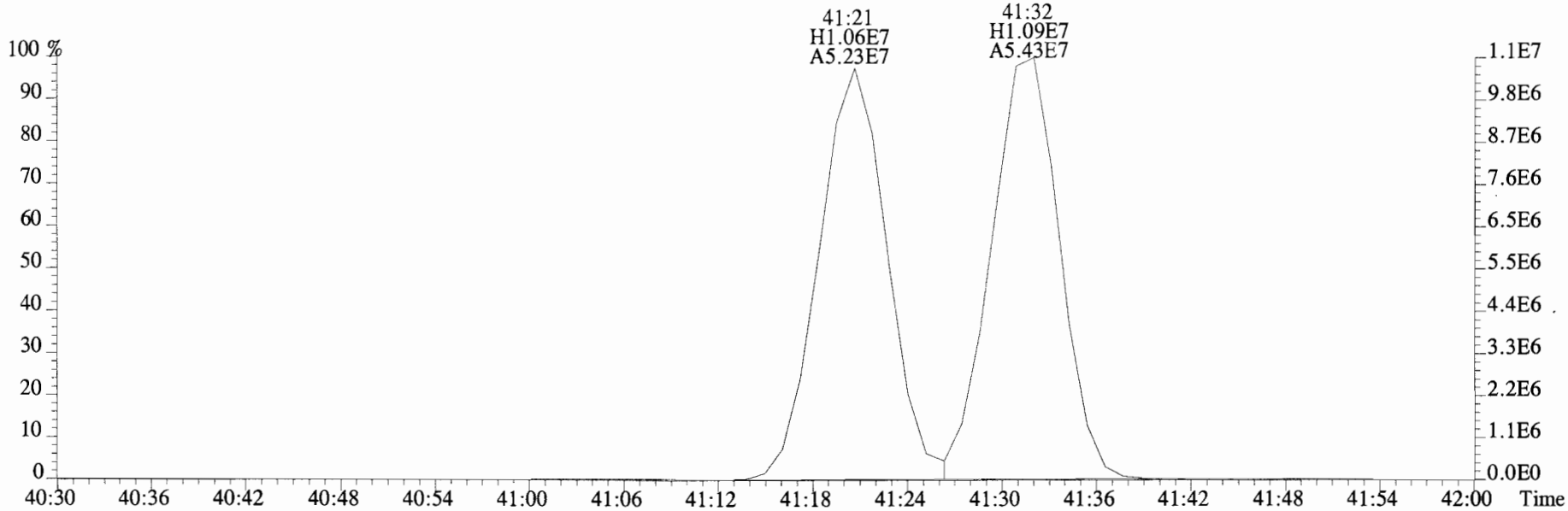
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



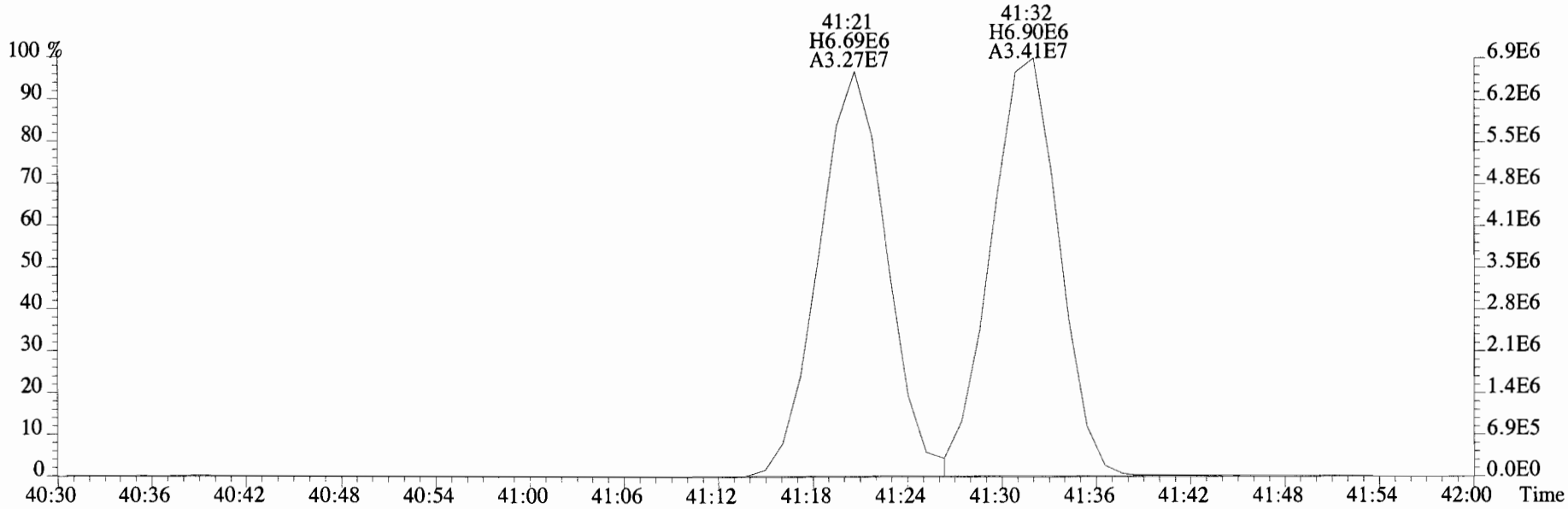
330.9792 S:8 F:3



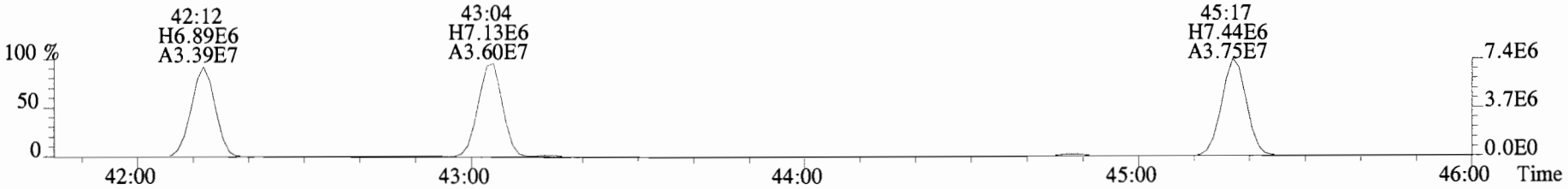
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



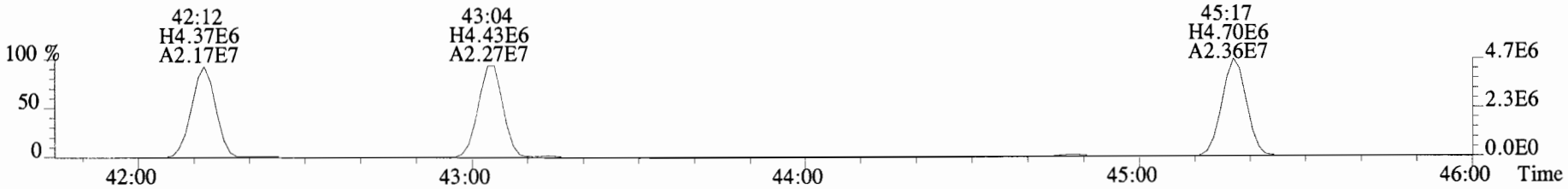
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



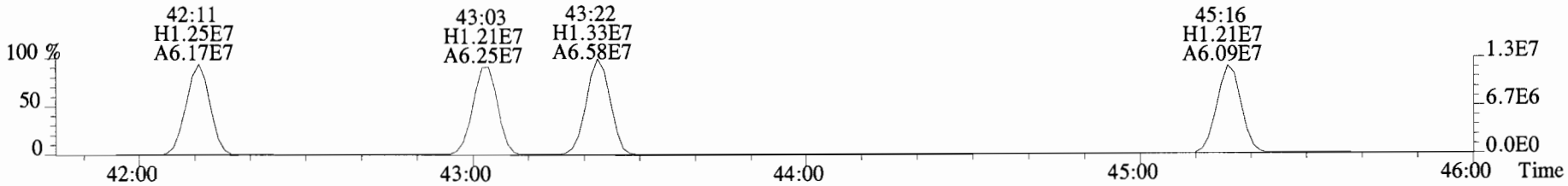
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3768.0,0.00%,F,F)



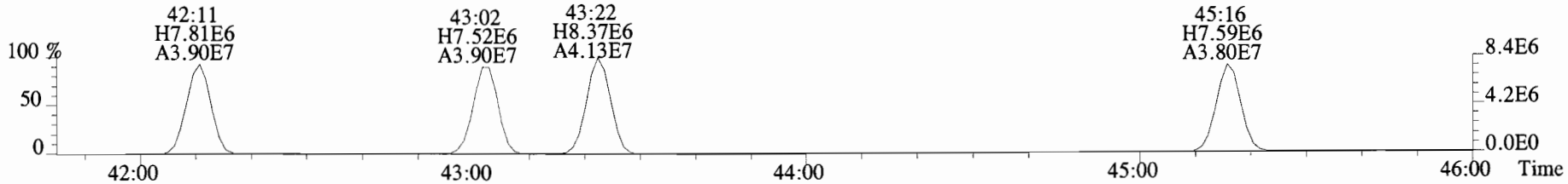
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3988.0,0.00%,F,F)



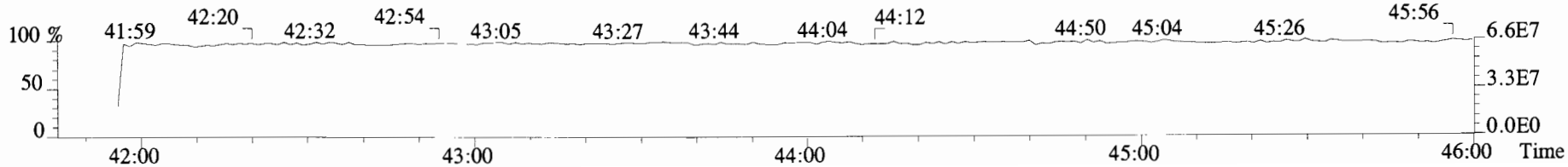
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8444.0,0.00%,F,F)



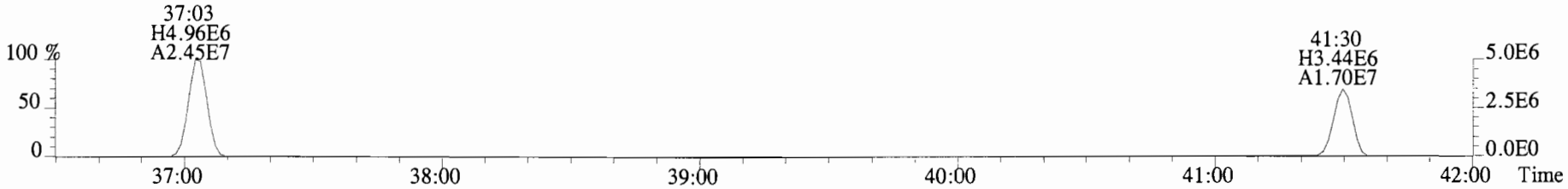
339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5268.0,0.00%,F,F)



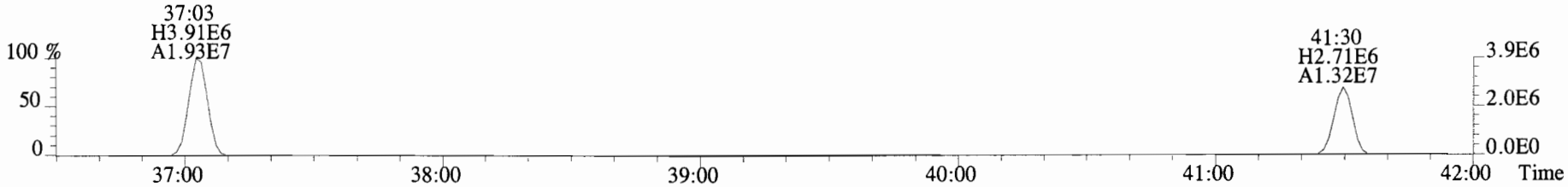
380.9760 S:8 F:4



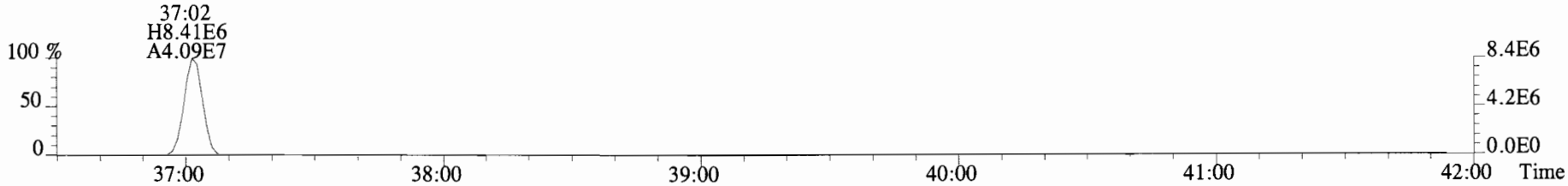
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2764.0,0.00%,F,F)



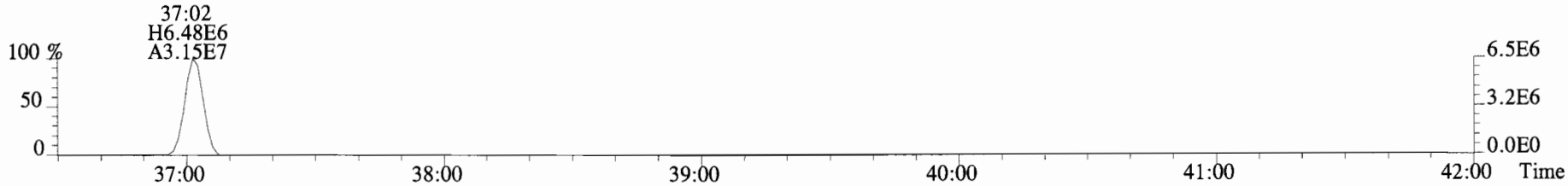
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2708.0,0.00%,F,F)



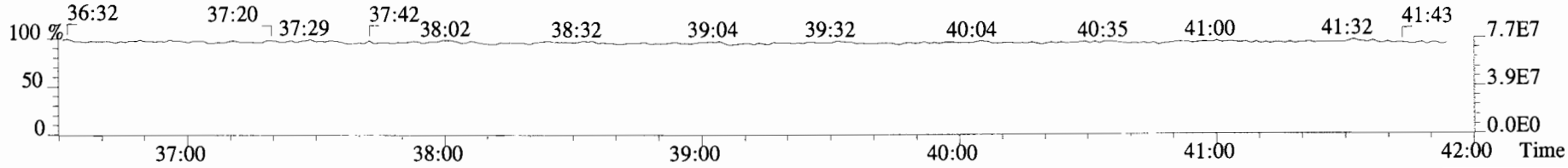
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



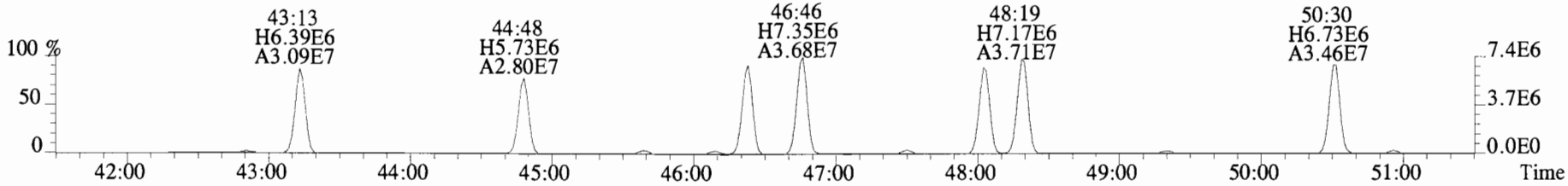
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2560.0,0.00%,F,F)



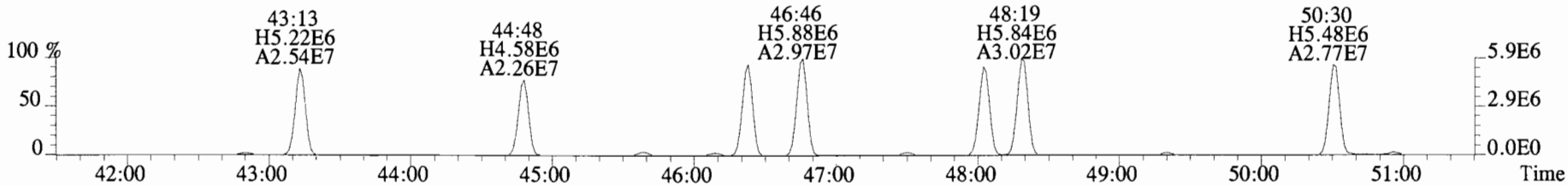
330.9792 S:8 F:3



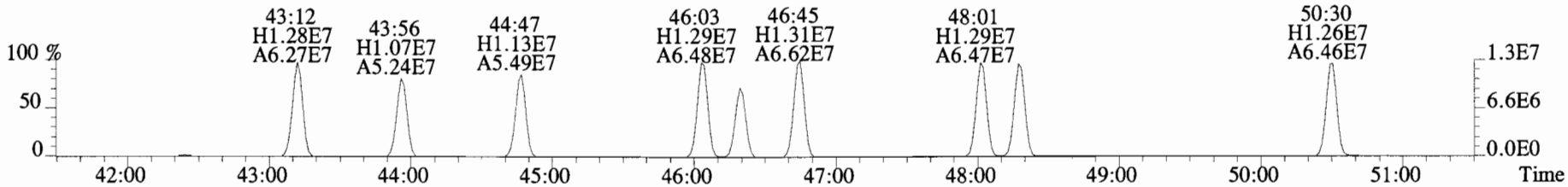
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10492.0,0.00%,F,F)



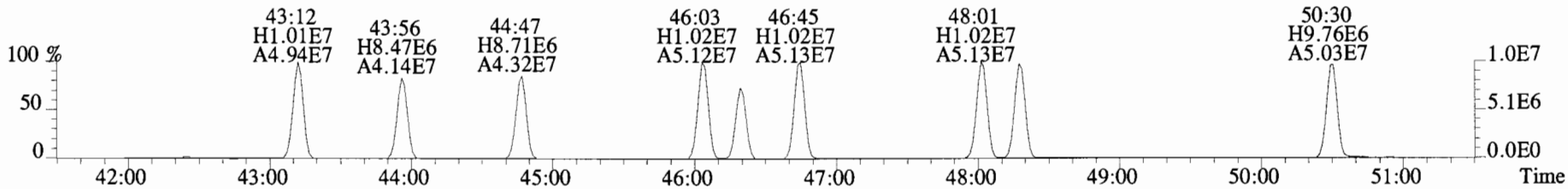
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8896.0,0.00%,F,F)



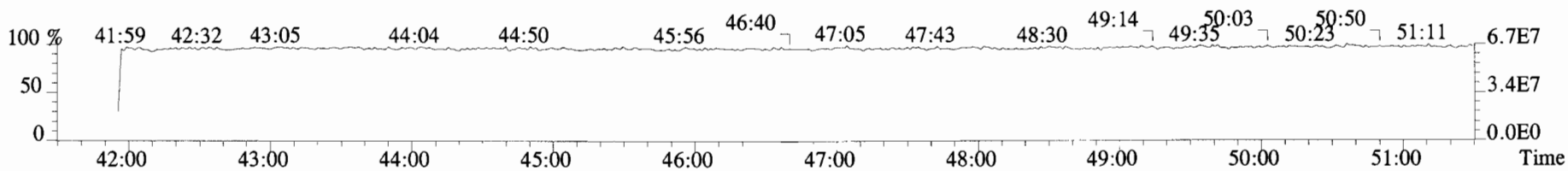
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18032.0,0.00%,F,F)



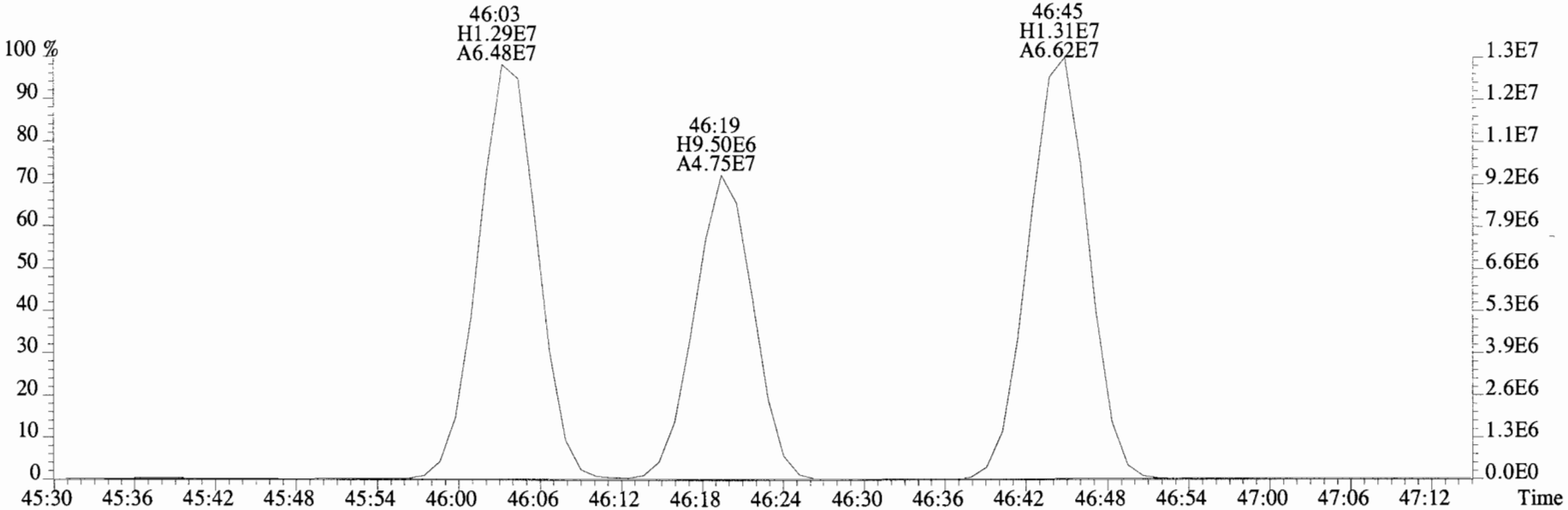
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12688.0,0.00%,F,F)



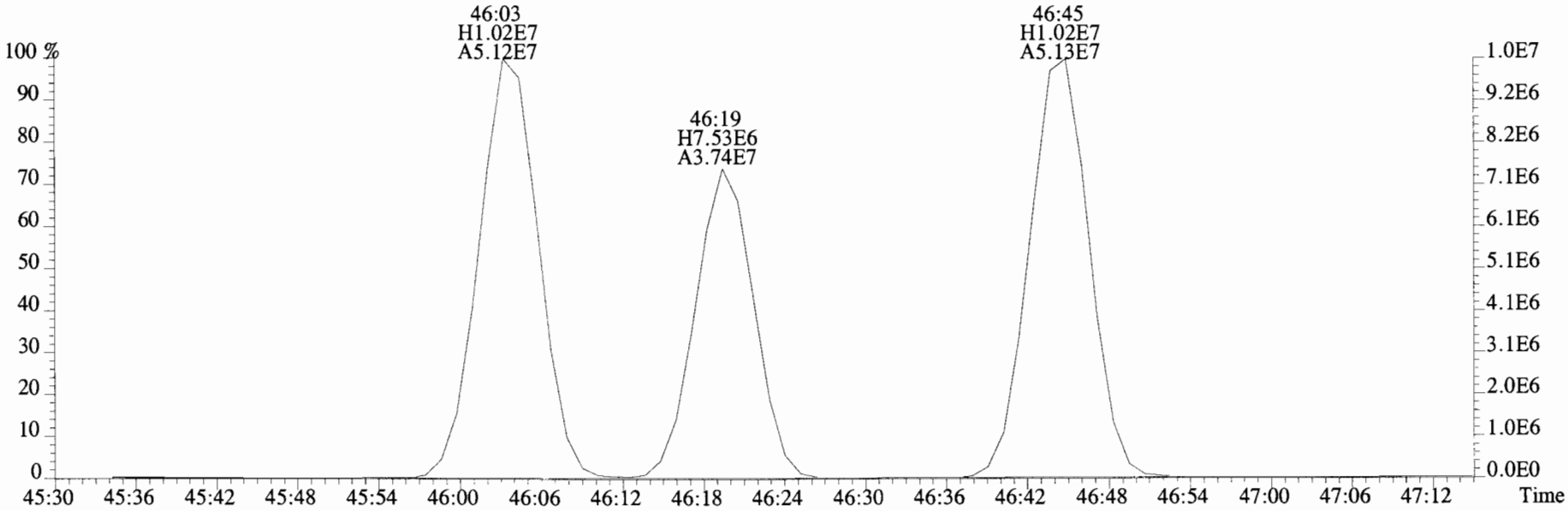
380.9760 S:8 F:4



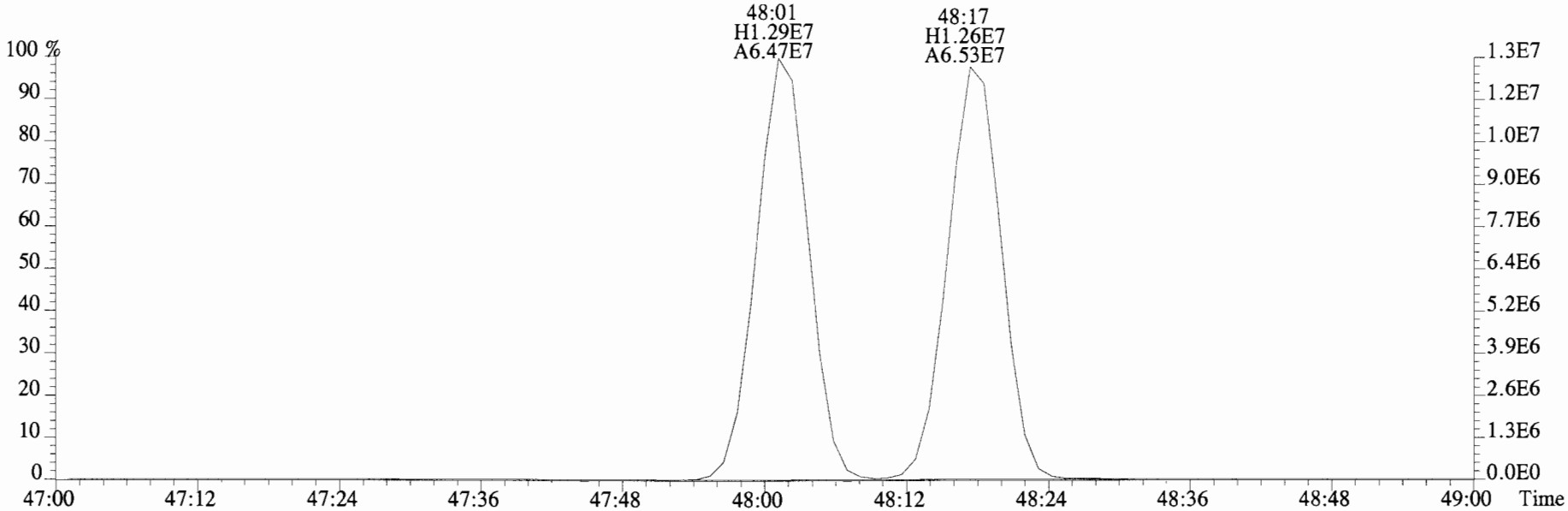
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18032.0,0.00%,F,F)



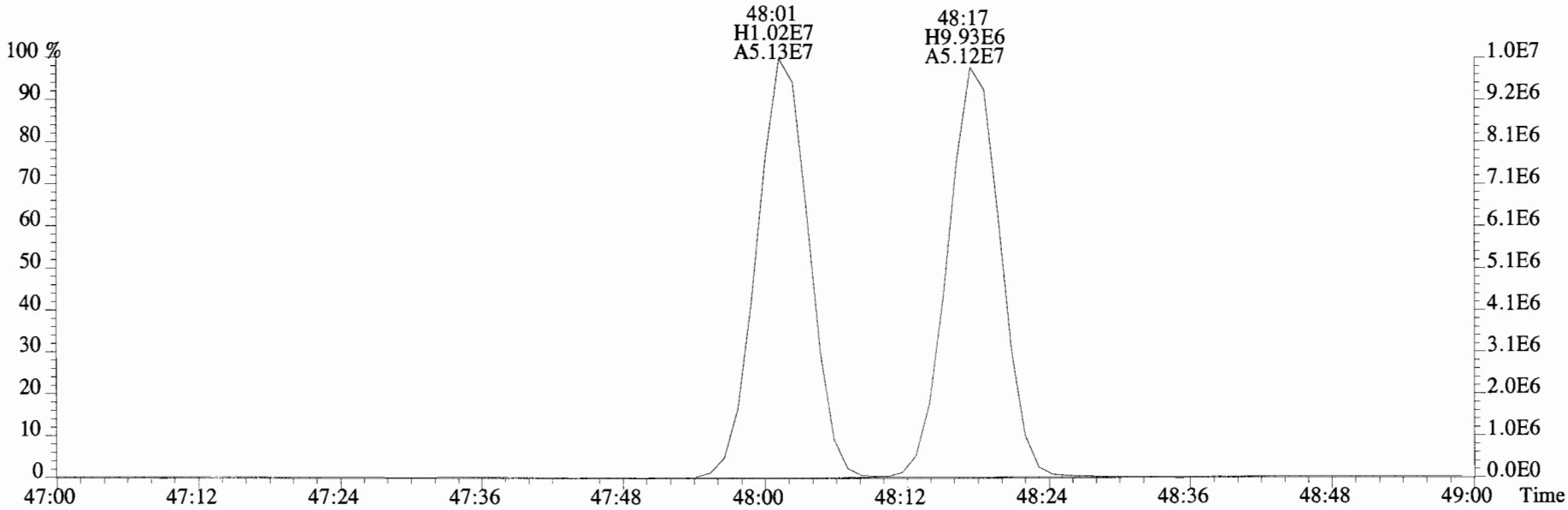
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12688.0,0.00%,F,F)



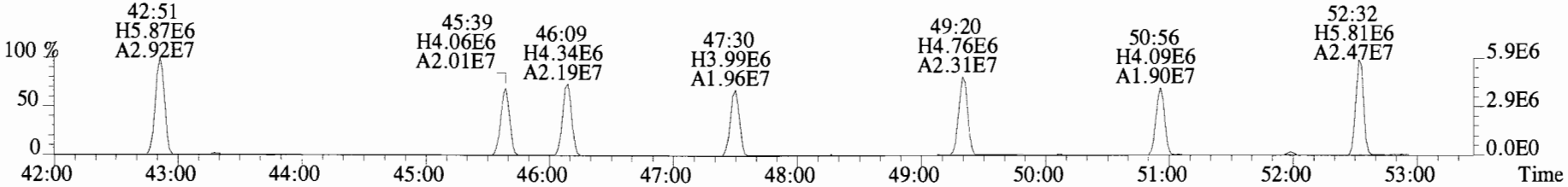
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18032.0,0.00%,F,F)



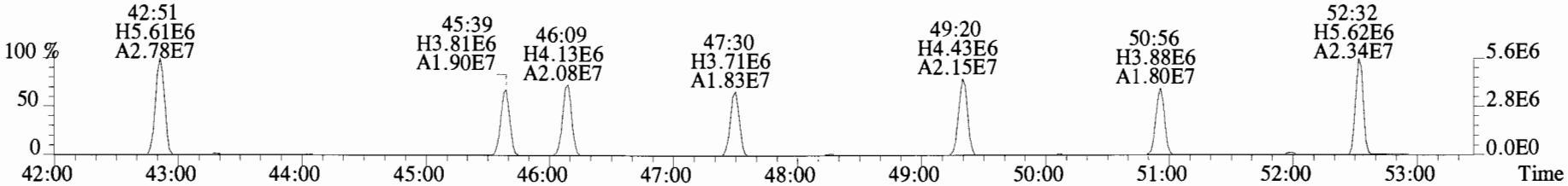
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12688.0,0.00%,F,F)



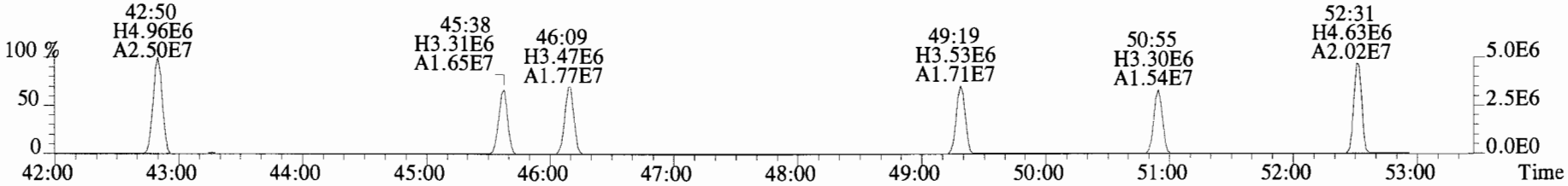
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7940.0,0.00%,F,F)



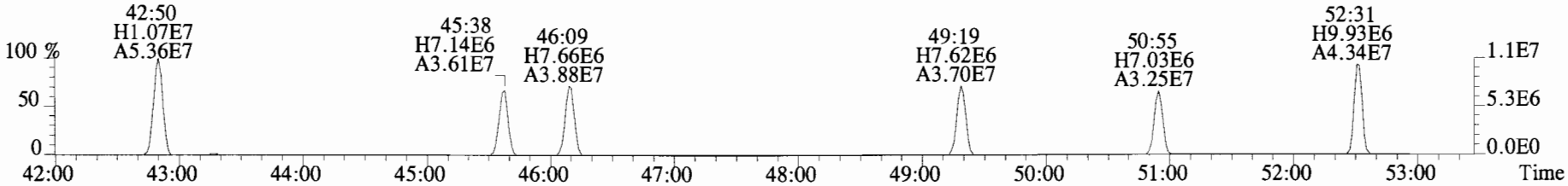
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7968.0,0.00%,F,F)



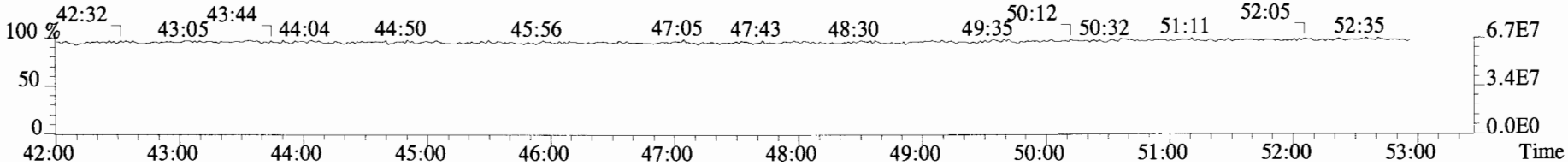
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



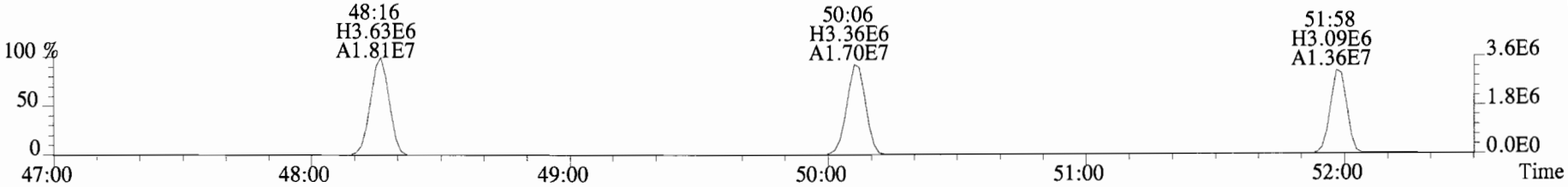
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11384.0,0.00%,F,F)



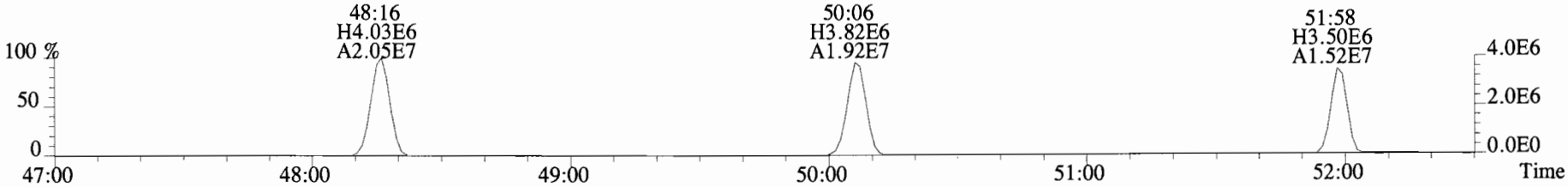
380.9760 S:8 F:4



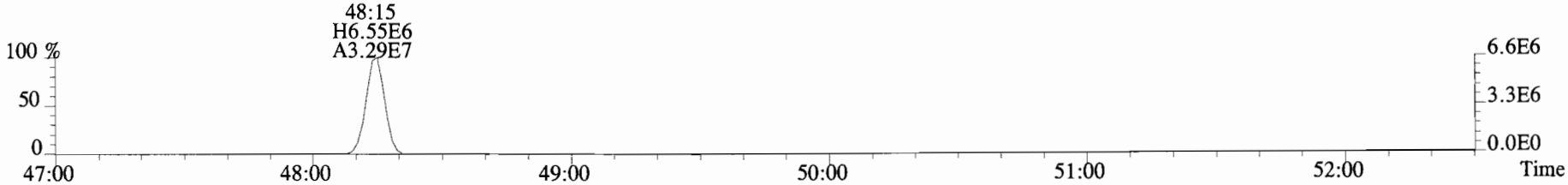
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



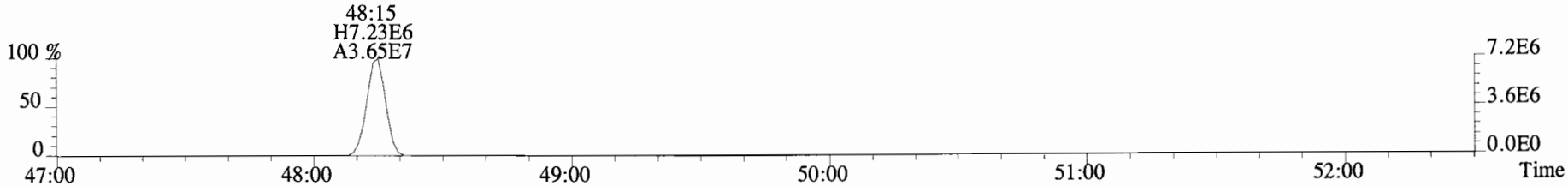
429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2524.0,0.00%,F,F)



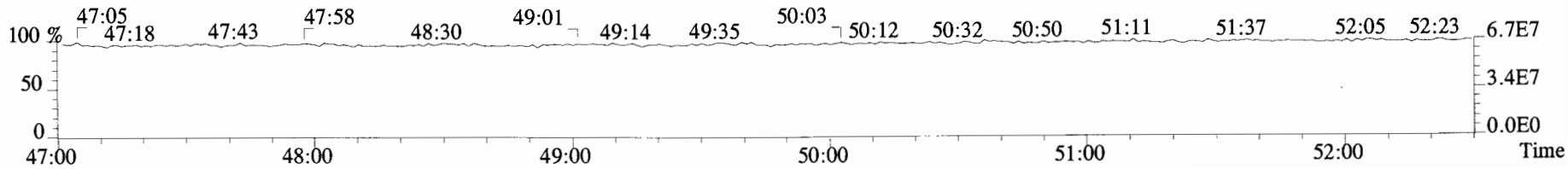
439.8038 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1592.0,0.00%,F,F)



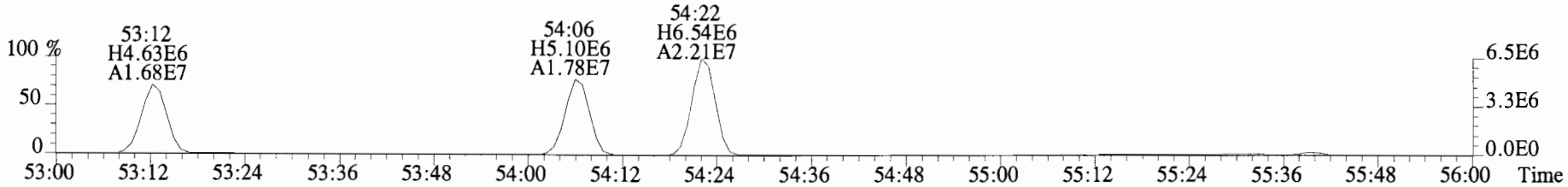
441.8008 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



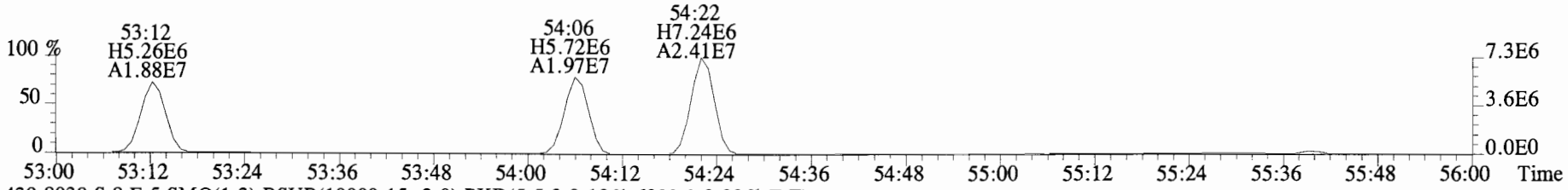
380.9760 S:8 F:4



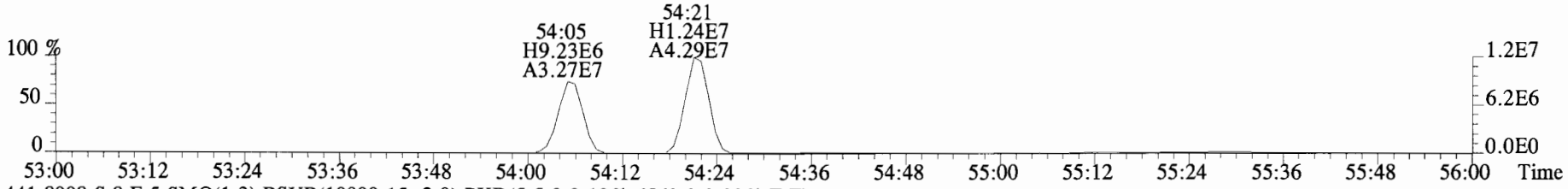
File:171027E1 #1-406 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4160.0,0.00%,F,F)



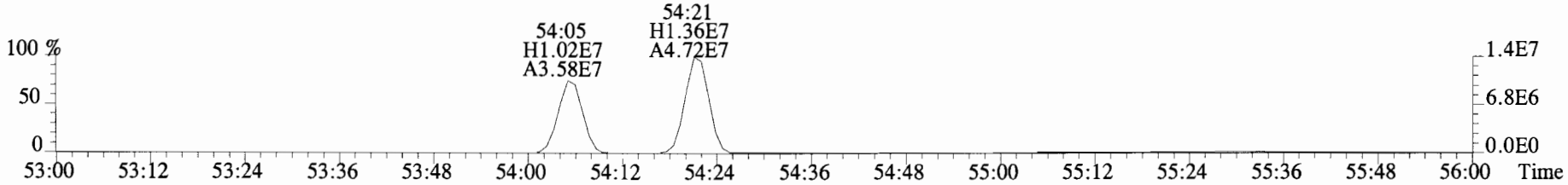
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4516.0,0.00%,F,F)



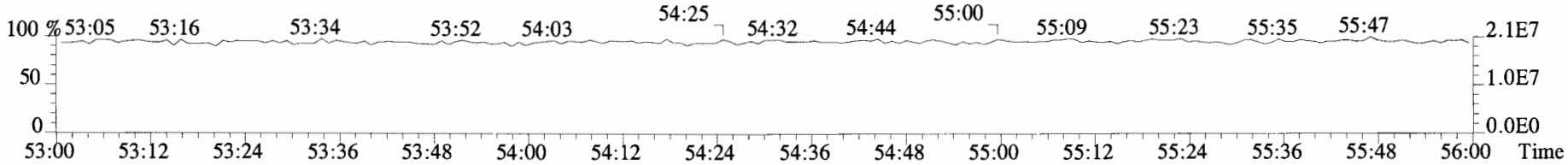
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6092.0,0.00%,F,F)



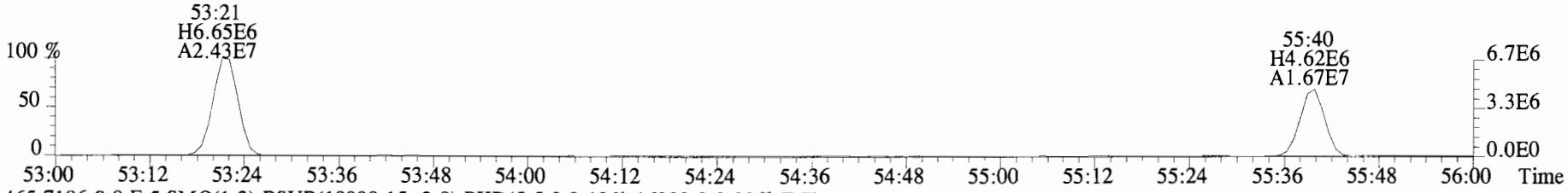
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6560.0,0.00%,F,F)



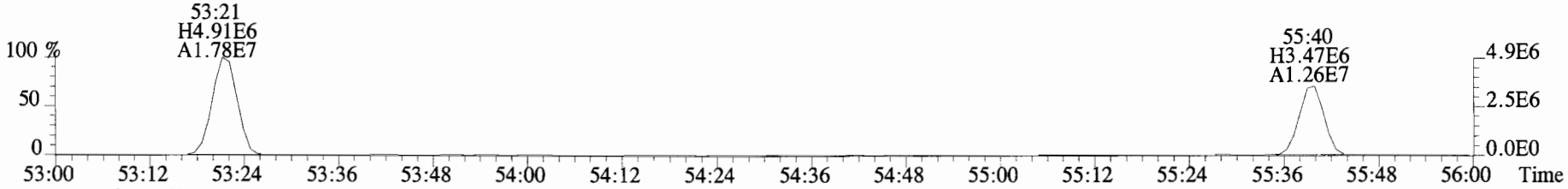
492.9697 S:8 F:5



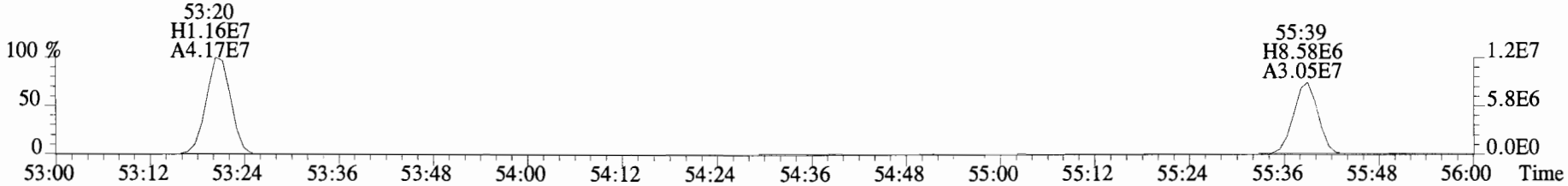
File:171027E1 #1-406 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21540.0,0.00%,F,F)



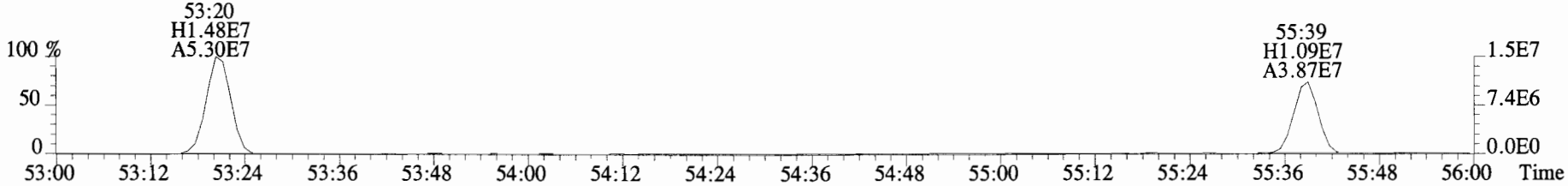
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16380.0,0.00%,F,F)



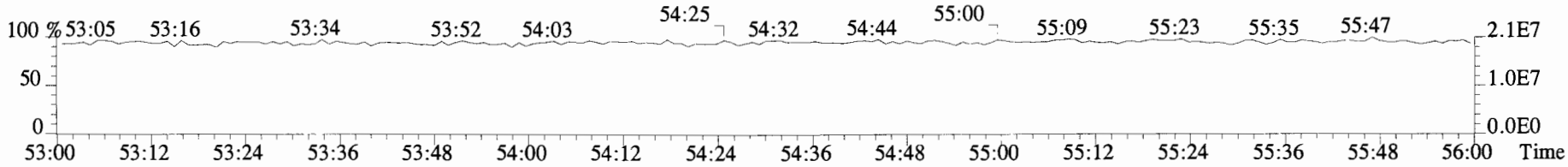
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34632.0,0.00%,F,F)



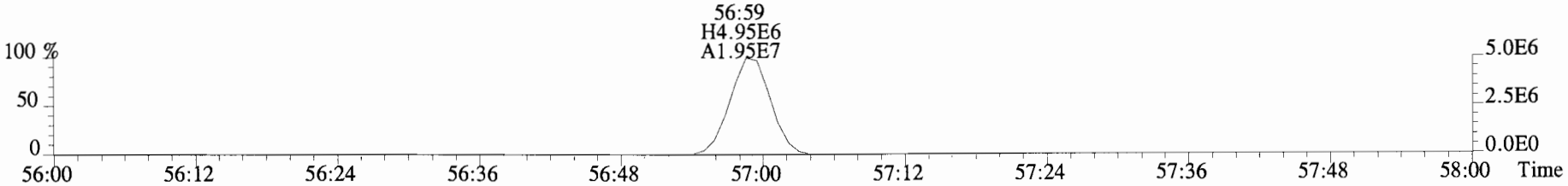
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52500.0,0.00%,F,F)



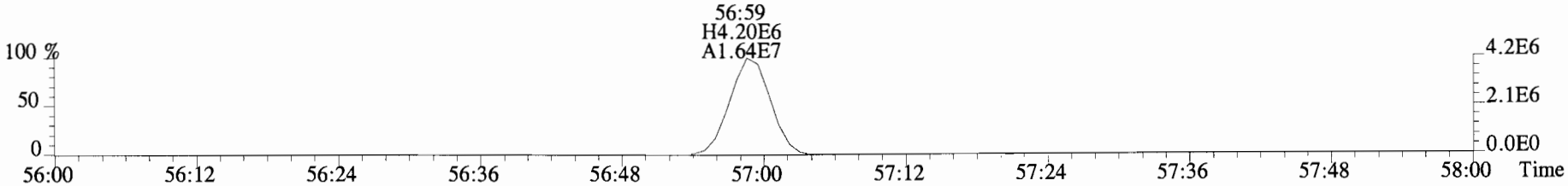
492.9697 S:8 F:5



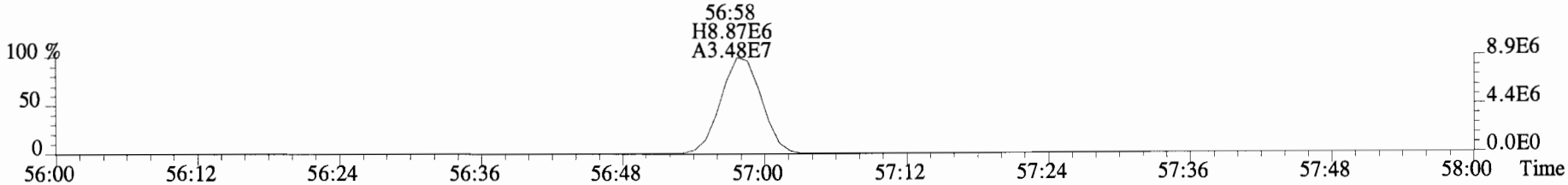
File:171027E1 #1-406 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)



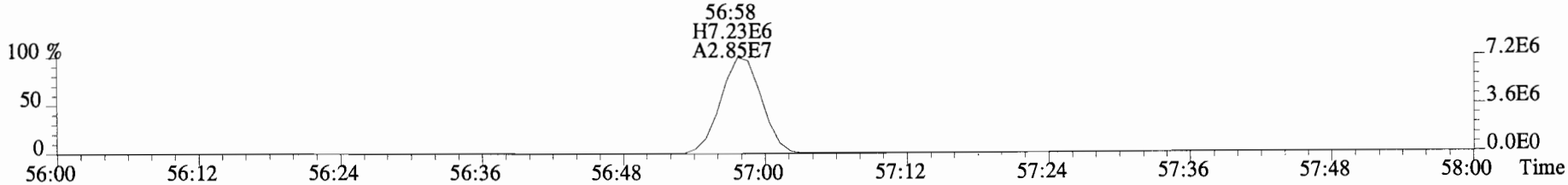
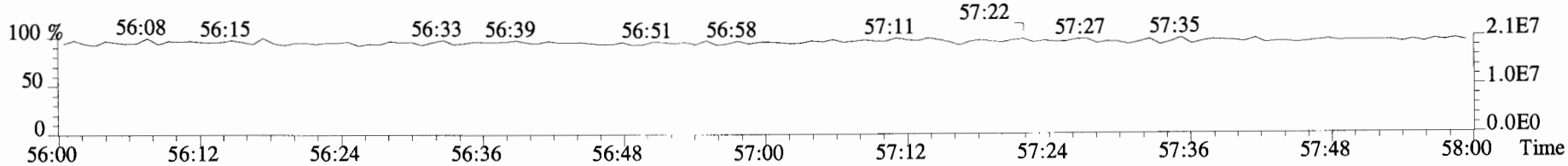
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1348.0,0.00%,F,F)



509.7229 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



511.7199 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1352.0,0.00%,F,F)



492.9697 S:8 F:5