April 13, 2018

Vista Work Order No. 1701755

Mr. Bob Gibson
General Electric Company
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 November 16, 2017. This sample set was analyzed on a standard turn-around time, under your Project Name 'Hudson River RAMP - Resuspension Monitoring'.

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 Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762 ph: 916-673-1520 fx: 916-673-0106 www.vista-analytical.com

Vista Work Order No. 1701755
Case Narrative

Sample Condition on Receipt:

Three water samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

EPA Method 1668C

These samples were 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. PCB-11 was detected in the Method Blank at 8.40 pg/L. No other analytes were detected above the sample quantitation limits in the Method Blank. The OPR recoveries were within the method acceptance criteria.

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

The labeled standard recoveries were within the acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1701755-01	OWS-SCHU-T171115120543	15-Nov-17 10:34	16-Nov-17 09:47	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701755-02	OWS-THIS-T171115120714	15-Nov-17 11:27	16-Nov-17 09:47	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701755-03	OWS-WAFO-T171115120414	15-Nov-17 09:16	16-Nov-17 09:47	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L

Vista Project: 1701755

Client Project: Hudson River RAMP - Resuspension Monitoring

ANALYTICAL RESULTS

Percent Solids

LabNumber	SampleName	% Solids	RL (%)	Date Analyzed	Batch
1701755-01	OWS-SCHU-T171115120543	ND	0.1	09-Apr-2018	B8D0039
1701755-02	OWS-THIS-T171115120714	ND	0.1	09-Apr-2018	B8D0039
1701755-03	OWS-WAFO-T171115120414	ND	0.1	09-Apr-2018	B8D0039

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8D0041	Lab Sample:	B8D0041-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 20:49 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	ND	5.00	0.752	U	PCB-44	ND	5.00	1.11	U
PCB-2	ND	5.00	0.826	U	PCB-45	ND	5.00	1.13	U
PCB-3	ND	5.00	0.825	U	PCB-46	ND	5.00	1.18	U
PCB-4/10	ND	10.0	1.27	U	PCB-47	ND	6.01	6.01	UM
PCB-5/8	ND	10.0	1.77	U	PCB-48/75	ND	10.0	0.834	U
PCB-6	ND	5.00	0.870	U	PCB-50	ND	5.00	0.968	U
PCB-7/9	ND	10.0	0.927	U	PCB-51	ND	5.00	0.900	U
PCB-11	8.40	5.00			PCB-52/69	ND	10.0	0.817	U
PCB-12/13	ND	10.0	0.943	U	PCB-53	ND	5.00	0.980	U
PCB-14	ND	5.00	0.930	U	PCB-54	ND	5.00	0.788	U
PCB-15	ND	5.00	0.910	U	PCB-55	ND	5.00	0.669	U
PCB-16/32	0.951	10.0		J	PCB-56/60	ND	10.0	0.743	U
PCB-17	ND	5.00	0.579	U	PCB-57	ND	5.00	0.686	U
PCB-18	1.14	5.00		J	PCB-58	ND	5.00	0.689	U
PCB-19	ND	5.00	0.595	U	PCB-61/70	ND	10.0	0.753	U
PCB-20/21/33	ND	15.0	0.511	U	PCB-62	ND	5.00	0.862	U
PCB-22	ND	5.00	0.468	U	PCB-63	ND	5.00	0.774	U
PCB-23	ND	5.00	0.536	U	PCB-65	ND	5.00	0.743	U
PCB-24/27	ND	10.0	0.423	U	PCB-66/76	ND	10.0	0.683	U
PCB-25	ND	5.00	0.481	U	PCB-67	ND	5.00	0.702	U
PCB-26	ND	5.00	0.507	U	PCB-68	ND	5.00	0.959	UM
PCB-28	ND	5.00	0.706	UM	PCB-73	ND	5.00	0.681	U
PCB-29	ND	5.00	0.528	U	PCB-74	ND	5.00	0.654	U
PCB-30	ND	5.00	0.370	U	PCB-77	ND	5.00	0.735	U
PCB-31	ND	5.00	0.463	U	PCB-78	ND	5.00	0.677	U
PCB-34	ND	5.00	0.529	U	PCB-79	ND	5.00	0.663	U
PCB-35	ND	5.00	0.486	U	PCB-80	ND	5.00	0.650	U
PCB-36	ND	5.00	0.475	U	PCB-81	ND	5.00	0.771	U
PCB-37	ND	5.00	0.491	U	PCB-82	ND	5.00	0.824	U
PCB-38	ND	5.00	0.496	U	PCB-83	ND	5.00	0.488	U
PCB-39	ND	5.00	0.511	U	PCB-84/92	ND	10.0	0.769	U
PCB-40	ND	5.00	1.51	U	PCB-85/116	ND	10.0	0.663	U
PCB-41/64/71/72	ND	20.0	0.810	U	PCB-86	ND	5.00	0.791	U
PCB-42/59	ND	10.0	0.926	U	PCB-87/117/125	ND	15.0	0.551	U
PCB-43/49	ND	10.0	0.979	U	PCB-88/91	ND	5.00	0.742	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:	B8D0041	Lab Sample:	B8D0041-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 20:49 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.00	0.702	U	PCB-137	ND	5.00	0.559	U
PCB-90/101	ND	10.0	0.694	U	PCB-138/163/164	ND	15.0	0.836	UM
PCB-93	ND	5.00	0.781	U	PCB-139/149	ND	10.0	0.601	U
PCB-94	ND	5.00	0.791	U	PCB-140	ND	5.00	0.687	U
PCB-95/98/102	ND	15.0	0.617	U	PCB-141	ND	5.00	0.606	U
PCB-96	ND	5.00	0.545	U	PCB-142	ND	5.00	0.743	U
PCB-97	ND	5.00	0.729	U	PCB-144	ND	5.00	0.690	U
PCB-99	ND	5.00	0.596	U	PCB-145	ND	5.00	0.468	U
PCB-100	ND	5.00	0.666	U	PCB-146/165	ND	10.0	0.533	U
PCB-103	ND	5.00	0.679	U	PCB-147	ND	5.00	0.657	U
PCB-104	ND	5.00	0.572	U	PCB-148	ND	5.00	0.684	U
PCB-105	ND	5.00	0.759	U	PCB-150	ND	5.00	0.516	U
PCB-106/118	ND	10.0	0.566	U	PCB-151	ND	5.00	0.703	U
PCB-107/109	ND	10.0	0.506	U	PCB-152	ND	5.00	0.457	U
PCB-108/112	ND	10.0	0.610	U	PCB-153	ND	5.00	0.505	U
PCB-110	ND	5.00	0.573	UM	PCB-154	ND	5.00	0.604	U
PCB-111/115	ND	10.0	0.477	U	PCB-155	ND	5.00	0.535	U
PCB-113	ND	5.00	0.506	U	PCB-156	ND	5.00	0.448	U
PCB-114	ND	5.00	0.787	U	PCB-157	ND	5.00	0.476	U
PCB-119	ND	5.00	0.503	U	PCB-158/160	ND	10.0	0.517	U
PCB-120	ND	5.00	0.432	U	PCB-159	ND	5.00	0.435	U
PCB-121	ND	5.00	0.430	U	PCB-166	ND	5.00	0.447	U
PCB-122	ND	5.00	0.851	U	PCB-167	ND	5.00	0.467	U
PCB-123	ND	5.00	0.594	U	PCB-168	ND	5.00	0.487	U
PCB-124	ND	5.00	0.513	U	PCB-169	ND	5.00	0.402	U
PCB-126	ND	5.00	0.691	U	PCB-170	ND	5.00	0.544	U
PCB-127	ND	5.00	0.695	U	PCB-171	ND	5.00	0.549	U
PCB-128/162	ND	10.0	0.565	U	PCB-172	ND	5.00	0.543	U
PCB-129	ND	5.00	0.781	U	PCB-173	ND	5.00	0.593	U
PCB-130	ND	5.00	0.766	U	PCB-174	ND	5.00	0.532	U
PCB-131/133	ND	10.0	0.666	U	PCB-175	ND	5.00	0.612	U
PCB-132/161	ND	10.0	0.541	U	PCB-176	ND	5.00	0.467	U
PCB-134/143	ND	10.0	0.714	U	PCB-177	ND	5.00	0.567	U
PCB-135	ND	5.00	0.615	U	PCB-178	ND	5.00	0.631	U
PCB-136	ND	5.00	0.517	U	PCB-179	ND	5.00	0.441	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:	B8D0041	Lab Sample:	B8D0041-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 20:49 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	ND	5.00	0.496	U
PCB-181	ND	5.00	0.510	U
PCB-182/187	ND	10.0	0.535	U
PCB-183	ND	5.00	0.542	U
PCB-184	ND	5.00	0.464	U
PCB-185	ND	5.00	0.555	U
PCB-186	ND	5.00	0.430	U
PCB-188	ND	5.00	0.445	U
PCB-189	ND	5.00	0.351	U
PCB-190	ND	5.00	0.400	U
PCB-191	ND	5.00	0.433	U
PCB-192	ND	5.00	0.417	U
PCB-193	ND	5.00	0.440	U
PCB-194	0.788	5.00		J
PCB-195	ND	5.00	0.460	U
PCB-196/203	ND	10.0	0.846	U
PCB-197	ND	5.00	0.648	U
PCB-198	ND	5.00	0.848	U
PCB-199	ND	5.00	0.891	U
PCB-200	ND	5.00	0.683	U
PCB-201	ND	5.00	0.728	U
PCB-202	ND	5.00	0.674	U
PCB-204	ND	5.00	0.665	U
PCB-205	ND	5.00	0.358	U
PCB-206	ND	5.00	0.402	U
PCB-207	ND	5.00	0.329	U
PCB-208	ND	5.00	0.326	U
PCB-209	ND	5.00	0.419	U
Total monoCB	ND		0.826	U
Total diCB	8.40			
Total triCB	2.09			
Total tetraCB	ND		6.97	UM
Total pentaCB	ND		0.573	UM
Total hexaCB	ND		0.836	UM
Total heptaCB	ND		0.631	U

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	0.788			
Total nonaCB	ND		0.402	U
DecaCB	ND		0.419	U
Total PCB	11.3			

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:	B8D0041	Lab Sample:	B8D0041-BLK1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 20:49 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	51.0	5 - 145	
	13C-PCB-3	49.1	5 - 145	
	13C-PCB-4	65.3	5 - 145	
	13C-PCB-11	76.7	5 - 145	
	13C-PCB-9	71.2	5 - 145	
	13C-PCB-19	77.4	5 - 145	
	13C-PCB-28	71.7	5 - 145	
	13C-PCB-32	84.0	5 - 145	
	13C-PCB-37	78.3	5 - 145	
	13C-PCB-47	78.5	5 - 145	
	13C-PCB-52	80.6	5 - 145	
	13C-PCB-54	74.7	5 - 145	
	13C-PCB-70	82.7	5 - 145	
	13C-PCB-77	86.1	10 - 145	
	13C-PCB-80	80.9	10 - 145	
	13C-PCB-81	84.8	10 - 145	
	13C-PCB-95	85.6	10 - 145	
	13C-PCB-97	87.4	10 - 145	
	13C-PCB-101	85.6	10 - 145	
	13C-PCB-104	79.1	10 - 145	
	13C-PCB-105	81.6	10 - 145	
	13C-PCB-114	76.5	10 - 145	
	13C-PCB-118	80.8	10 - 145	
	13C-PCB-123	79.9	10 - 145	
	13C-PCB-126	84.2	10 - 145	
	13C-PCB-127	81.0	10 - 145	
	13C-PCB-138	84.9	10 - 145	
	13C-PCB-141	84.6	10 - 145	
	13C-PCB-153	77.8	10 - 145	
	13C-PCB-155	94.1	10 - 145	
	13C-PCB-156	89.4	10 - 145	

	Labeled Standard	%R	LCL-UCL	Qualifiers
	13C-PCB-157	89.5	10 - 145	
	13C-PCB-159	85.5	10 - 145	
	13C-PCB-167	86.6	10 - 145	
	13C-PCB-169	90.2	10 - 145	
	13C-PCB-170	91.2	10 - 145	
	13C-PCB-180	89.6	10 - 145	
	13C-PCB-188	76.7	10 - 145	
	13C-PCB-189	93.2	10 - 145	
	13C-PCB-194	85.1	10 - 145	
	13C-PCB-202	99.6	10 - 145	
	13C-PCB-206	98.0	10 - 145	
	13C-PCB-208	86.4	10 - 145	
	13C-PCB-209	113	10 - 145	
CRS	13C-PCB-79	102	10 - 145	
	13C-PCB-178	108	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:	B8D0041	Lab Sample:	B8D0041-BS1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 18:38 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-1	1050	1000	105	60 - 135
PCB-2	1090	1000	109	60 - 135
PCB-3	1080	1000	108	60 - 135
PCB-4/10	1910	2000	95.7	60 - 135
PCB-5/8	2020	2000	101	60 - 135
PCB-6	958	1000	95.8	60 - 135
PCB-7/9	1860	2000	92.8	60 - 135
PCB-11	926	1000	92.6	60 - 135
PCB-12/13	1850	2000	92.4	60 - 135
PCB-14	866	1000	86.6	60 - 135
PCB-15	995	1000	99.5	60 - 135
PCB-16/32	1800	2000	89.9	60 - 135
PCB-17	885	1000	88.5	60 - 135
PCB-18	859	1000	85.9	60 - 135
PCB-19	916	1000	91.6	60 - 135
PCB-20/21/33	2980	3000	99.5	60 - 135
PCB-22	1030	1000	103	60 - 135
PCB-23	968	1000	96.8	60 - 135
PCB-24/27	1820	2000	90.8	60 - 135
PCB-25	982	1000	98.2	60 - 135
PCB-26	971	1000	97.1	60 - 135
PCB-28	913	1000	91.3	60 - 135
PCB-29	952	1000	95.2	60 - 135
PCB-30	949	1000	94.9	60 - 135
PCB-31	1000	1000	100	60 - 135
PCB-34	945	1000	94.5	60 - 135
PCB-35	939	1000	93.9	60 - 135
PCB-36	892	1000	89.2	60 - 135
PCB-37	924	1000	92.4	60 - 135
PCB-38	918	1000	91.8	60 - 135
PCB-39	897	1000	89.7	60 - 135
PCB-40	1080	1000	108	60 - 135
PCB-41/64/71/72	4010	4000	100	60 - 135
PCB-42/59	2040	2000	102	60 - 135
PCB-43/49	1930	2000	96.5	60 - 135
PCB-44	1050	1000	105	60 - 135
PCB-45	954	1000	95.4	60 - 135
PCB-46	964	1000	96.4	60 - 135
PCB-47	968	1000	96.8	60 - 135
PCB-48/75	1950	2000	97.7	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-1	29.6	15 - 145
IS	13C-PCB-3	29.3	15 - 145
IS	13C-PCB-4	39.5	15 - 145
IS	13C-PCB-9	43.2	15 - 145
IS	13C-PCB-11	51.8	15 - 145
IS	13C-PCB-19	49.7	15 - 145
IS	13C-PCB-28	52.8	15 - 145
IS	13C-PCB-32	57.1	15 - 145
IS	13C-PCB-37	58.7	15 - 145
IS	13C-PCB-47	58.7	15 - 145
IS	13C-PCB-52	60.5	15 - 145
IS	13C-PCB-54	53.2	15 - 145
IS	13C-PCB-70	62.0	15 - 145
IS	13C-PCB-77	60.7	40 - 145
IS	13C-PCB-80	59.2	40 - 145
IS	13C-PCB-81	59.0	40 - 145
IS	13C-PCB-95	67.2	40 - 145
IS	13C-PCB-97	63.4	40 - 145
IS	13C-PCB-101	63.2	40 - 145
IS	13C-PCB-104	61.4	40 - 145
IS	13C-PCB-105	60.6	40 - 145
IS	13C-PCB-114	57.5	40 - 145
IS	13C-PCB-118	64.4	40 - 145
IS	13C-PCB-123	65.6	40 - 145
IS	13C-PCB-126	61.7	40 - 145
IS	13C-PCB-127	59.9	40 - 145
IS	13C-PCB-138	62.8	40 - 145
IS	13C-PCB-141	60.0	40 - 145
IS	13C-PCB-153	56.9	40 - 145
IS	13C-PCB-155	69.9	40 - 145
IS	13C-PCB-156	65.7	40 - 145
IS	13C-PCB-157	65.4	40 - 145
IS	13C-PCB-159	62.8	40 - 145
IS	13C-PCB-167	62.6	40 - 145
IS	13C-PCB-169	66.0	40 - 145
IS	13C-PCB-170	69.2	40 - 145
IS	13C-PCB-180	64.2	40 - 145
IS	13C-PCB-188	55.2	40 - 145
IS	13C-PCB-189	67.0	40 - 145
IS	13C-PCB-194	66.0	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8D0041	Lab Sample:	B8D0041-BS1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 18:38 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-50	1020	1000	102	60 - 135
PCB-51	935	1000	93.5	60 - 135
PCB-52/69	1790	2000	89.3	60 - 135
PCB-53	912	1000	91.2	60 - 135
PCB-54	970	1000	97.0	60 - 135
PCB-55	1050	1000	105	60 - 135
PCB-56/60	2010	2000	100	60 - 135
PCB-57	911	1000	91.1	60 - 135
PCB-58	964	1000	96.4	60 - 135
PCB-61/70	1900	2000	95.2	60 - 135
PCB-62	955	1000	95.5	60 - 135
PCB-63	957	1000	95.7	60 - 135
PCB-65	1030	1000	103	60 - 135
PCB-66/76	1910	2000	95.5	60 - 135
PCB-67	922	1000	92.2	60 - 135
PCB-68	936	1000	93.6	60 - 135
PCB-73	1010	1000	101	60 - 135
PCB-74	910	1000	91.0	60 - 135
PCB-77	944	1000	94.4	60 - 135
PCB-78	991	1000	99.1	60 - 135
PCB-79	970	1000	97.0	60 - 135
PCB-80	939	1000	93.9	60 - 135
PCB-81	974	1000	97.4	60 - 135
PCB-82	895	1000	89.5	60 - 135
PCB-83	877	1000	87.7	60 - 135
PCB-84/92	1850	2000	92.4	60 - 135
PCB-85/116	1800	2000	90.0	60 - 135
PCB-86	927	1000	92.7	60 - 135
PCB-87/117/125	2500	3000	83.3	60 - 135
PCB-88/91	1750	2000	87.5	60 - 135
PCB-89	929	1000	92.9	60 - 135
PCB-90/101	1750	2000	87.6	60 - 135
PCB-93	771	1000	77.1	60 - 135
PCB-94	852	1000	85.2	60 - 135
PCB-95/98/102	2600	3000	86.6	60 - 135
PCB-96	920	1000	92.0	60 - 135
PCB-97	878	1000	87.8	60 - 135
PCB-99	935	1000	93.5	60 - 135
PCB-100	870	1000	87.0	60 - 135
PCB-103	886	1000	88.6	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-202	73.7	40 - 145
IS	13C-PCB-206	77.3	40 - 145
IS	13C-PCB-208	68.0	40 - 145
IS	13C-PCB-209	93.2	40 - 145
CRS	13C-PCB-79	70.3	40 - 145
CRS	13C-PCB-178	74.9	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8D0041	Lab Sample:	B8D0041-BS1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 18:38 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-104	864	1000	86.4	60 - 135			
PCB-105	904	1000	90.4	60 - 135			
PCB-106/118	1820	2000	91.0	60 - 135			
PCB-107/109	1700	2000	84.9	60 - 135			
PCB-108/112	1760	2000	88.0	60 - 135			
PCB-110	900	1000	90.0	60 - 135			
PCB-111/115	1630	2000	81.3	60 - 135			
PCB-113	827	1000	82.7	60 - 135			
PCB-114	880	1000	88.0	60 - 135			
PCB-119	869	1000	86.9	60 - 135			
PCB-120	787	1000	78.7	60 - 135			
PCB-121	823	1000	82.3	60 - 135			
PCB-122	951	1000	95.1	60 - 135			
PCB-123	908	1000	90.8	60 - 135			
PCB-124	883	1000	88.3	60 - 135			
PCB-126	929	1000	92.9	60 - 135			
PCB-127	895	1000	89.5	60 - 135			
PCB-128/162	1930	2000	96.3	60 - 135			
PCB-129	959	1000	95.9	60 - 135			
PCB-130	1180	1000	118	60 - 135			
PCB-131/133	2030	2000	101	60 - 135			
PCB-132/161	2000	2000	100	60 - 135			
PCB-134/143	2050	2000	102	60 - 135			
PCB-135	987	1000	98.7	60 - 135			
PCB-136	919	1000	91.9	60 - 135			
PCB-137	886	1000	88.6	60 - 135			
PCB-138/163/164	2840	3000	94.5	60 - 135			
PCB-139/149	1960	2000	98.0	60 - 135			
PCB-140	979	1000	97.9	60 - 135			
PCB-141	985	1000	98.5	60 - 135			
PCB-142	1030	1000	103	60 - 135			
PCB-144	963	1000	96.3	60 - 135			
PCB-145	917	1000	91.7	60 - 135			
PCB-146/165	1960	2000	98.2	60 - 135			
PCB-147	976	1000	97.6	60 - 135			
PCB-148	909	1000	90.9	60 - 135			
PCB-150	936	1000	93.6	60 - 135			
PCB-151	989	1000	98.9	60 - 135			
PCB-152	953	1000	95.3	60 - 135			
PCB-153	989	1000	98.9	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8D0041	Lab Sample:	B8D0041-BS1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 18:38 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-154	902	1000	90.2	60 - 135			
PCB-155	871	1000	87.1	60 - 135			
PCB-156	930	1000	93.0	60 - 135			
PCB-157	950	1000	95.0	60 - 135			
PCB-158/160	1910	2000	95.7	60 - 135			
PCB-159	965	1000	96.5	60 - 135			
PCB-166	950	1000	95.0	60 - 135			
PCB-167	954	1000	95.4	60 - 135			
PCB-168	951	1000	95.1	60 - 135			
PCB-169	947	1000	94.7	60 - 135			
PCB-170	958	1000	95.8	60 - 135			
PCB-171	937	1000	93.7	60 - 135			
PCB-172	967	1000	96.7	60 - 135			
PCB-173	962	1000	96.2	60 - 135			
PCB-174	903	1000	90.3	60 - 135			
PCB-175	1050	1000	105	60 - 135			
PCB-176	1020	1000	102	60 - 135			
PCB-177	958	1000	95.8	60 - 135			
PCB-178	1050	1000	105	60 - 135			
PCB-179	1020	1000	102	60 - 135			
PCB-180	947	1000	94.7	60 - 135			
PCB-181	980	1000	98.0	60 - 135			
PCB-182/187	2080	2000	104	60 - 135			
PCB-183	1020	1000	102	60 - 135			
PCB-184	951	1000	95.1	60 - 135			
PCB-185	944	1000	94.4	60 - 135			
PCB-186	1050	1000	105	60 - 135			
PCB-188	917	1000	91.7	60 - 135			
PCB-189	926	1000	92.6	60 - 135			
PCB-190	951	1000	95.1	60 - 135			
PCB-191	974	1000	97.4	60 - 135			
PCB-192	966	1000	96.6	60 - 135			
PCB-193	950	1000	95.0	60 - 135			
PCB-194	909	1000	90.9	60 - 135			
PCB-195	896	1000	89.6	60 - 135			
PCB-196/203	1940	2000	97.2	60 - 135			
PCB-197	907	1000	90.7	60 - 135			
PCB-198	953	1000	95.3	60 - 135			
PCB-199	1000	1000	100	60 - 135			
PCB-200	935	1000	93.5	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8D0041	Lab Sample:	B8D0041-BS1
Sample Size:	1.00 L	Date Extracted:	06-Apr-2018 8:02	Date Analyzed:	09-Apr-18 18:38 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-201	922	1000	92.2	60 - 135			
PCB-202	933	1000	93.3	60 - 135			
PCB-204	933	1000	93.3	60 - 135			
PCB-205	934	1000	93.4	60 - 135			
PCB-206	970	1000	97.0	60 - 135			
PCB-207	988	1000	98.8	60 - 135			
PCB-208	963	1000	96.3	60 - 135			
PCB-209	917	1000	91.7	60 - 135			

LCL-UCL - Lower control limit - upper control limit

Sample ID: OWS-SCHU-T171115120543 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 10:34

Sample Data
Matrix: Water
Sample Size: 0.982 L

Laboratory Data
Lab Sample: 1701755-01 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 18:44 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	67.3	5.09		
PCB-2	1.37	5.09		J
PCB-3	12.7	5.09		
PCB-4/10	2130	10.2		
PCB-5/8	48.2	10.2		
PCB-6	12.6	5.09		
PCB-7/9	ND	10.2	4.61	U
PCB-11	7.27	5.09		B
PCB-12/13	9.88	10.2		J
PCB-14	ND	5.09	0.971	U
PCB-15	82.4	5.09		
PCB-16/32	155	10.2		B
PCB-17	81.5	5.09		
PCB-18	103	5.09		B
PCB-19	576	5.09		
PCB-20/21/33	13.3	15.3		J
PCB-22	18.5	5.09		
PCB-23	ND	5.09	0.468	U
PCB-24/27	191	10.2		
PCB-25	18.1	5.09		
PCB-26	63.8	5.09		
PCB-28	94.1	5.09		
PCB-29	ND	5.09	0.463	U
PCB-30	ND	5.09	0.433	U
PCB-31	104	5.09		
PCB-34	4.89	5.09		J
PCB-35	1.26	5.09		J
PCB-36	ND	5.09	0.451	U
PCB-37	30.1	5.09		
PCB-38	3.26	5.09		J
PCB-39	ND	5.09	1.39	UM
PCB-40	23.8	5.09		
PCB-41/64/71/72	135	20.4		
PCB-42/59	53.4	10.2		
PCB-43/49	163	10.2		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-44	96.8	5.09		
PCB-45	35.8	5.09		
PCB-46	12.8	5.09		
PCB-47	134	5.09		
PCB-48/75	18.4	10.2		
PCB-50	2.23	5.09		J
PCB-51	28.6	5.09		
PCB-52/69	186	10.2		
PCB-53	100	5.09		
PCB-54	12.6	5.09		
PCB-55	1.66	5.09		J
PCB-56/60	52.8	10.2		
PCB-57	1.86	5.09		J
PCB-58	ND	5.09	0.522	U
PCB-61/70	66.8	10.2		
PCB-62	ND	5.09	0.565	U
PCB-63	11.0	5.09		
PCB-65	ND	5.09	0.487	U
PCB-66/76	77.1	10.2		
PCB-67	4.23	5.09		J
PCB-68	5.53	5.09		
PCB-73	4.73	5.09		J
PCB-74	44.7	5.09		
PCB-77	8.90	5.09		
PCB-78	ND	5.09	0.478	U
PCB-79	0.915	5.09		J
PCB-80	ND	5.09	0.479	U
PCB-81	ND	5.09	0.544	U
PCB-82	8.76	5.09		
PCB-83	ND	5.09	0.782	U
PCB-84/92	44.7	10.2		
PCB-85/116	13.8	10.2		
PCB-86	ND	5.09	1.27	U
PCB-87/117/125	24.0	15.3		
PCB-88/91	23.1	5.09		

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

Sample ID: OWS-SCHU-T171115120543 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 10:34

Sample Data
Matrix: Water
Sample Size: 0.982 L

Laboratory Data
Lab Sample: 1701755-01 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 18:44 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.09	1.07	UM
PCB-90/101	59.2	10.2		
PCB-93	ND	5.09	1.42	U
PCB-94	5.41	5.09		
PCB-95/98/102	66.2	15.3		
PCB-96	2.66	5.09		J
PCB-97	18.5	5.09		
PCB-99	32.6	5.09		
PCB-100	3.31	5.09		J
PCB-103	2.15	5.09		J
PCB-104	ND	5.09	0.912	U
PCB-105	22.1	5.09		
PCB-106/118	43.2	10.2		
PCB-107/109	4.54	10.2		J
PCB-108/112	5.88	10.2		J
PCB-110	65.2	5.09		
PCB-111/115	1.37	10.2		J
PCB-113	0.912	5.09		J
PCB-114	1.70	5.09		J
PCB-119	3.21	5.09		J
PCB-120	ND	5.09	0.690	U
PCB-121	ND	5.09	0.778	U
PCB-122	ND	5.09	1.07	U
PCB-123	ND	5.09	1.04	UM
PCB-124	ND	5.09	1.24	UM
PCB-126	ND	5.09	0.915	U
PCB-127	ND	5.09	0.915	U
PCB-128/162	6.68	10.2		J
PCB-129	ND	5.09	1.54	UM
PCB-130	ND	5.09	3.56	UM
PCB-131/133	3.35	10.2		J
PCB-132/161	11.5	10.2		
PCB-134/143	3.86	10.2		J
PCB-135	7.54	5.09		
PCB-136	6.89	5.09		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	2.02	5.09		J
PCB-138/163/164	38.0	15.3		
PCB-139/149	30.8	10.2		
PCB-140	ND	5.09	1.03	U
PCB-141	4.76	5.09		J
PCB-142	ND	5.09	1.01	U
PCB-144	1.19	5.09		J
PCB-145	ND	5.09	0.699	U
PCB-146/165	7.15	10.2		J
PCB-147	ND	5.09	2.27	UM
PCB-148	ND	5.09	1.02	U
PCB-150	ND	5.09	0.770	U
PCB-151	14.5	5.09		
PCB-152	ND	5.09	0.682	U
PCB-153	29.2	5.09		
PCB-154	1.73	5.09		J
PCB-155	ND	5.09	0.800	U
PCB-156	4.24	5.09		J
PCB-157	1.03	5.09		J
PCB-158/160	3.36	10.2		J
PCB-159	ND	5.09	0.600	U
PCB-166	ND	5.09	0.616	U
PCB-167	1.55	5.09		J
PCB-168	ND	5.09	0.660	U
PCB-169	ND	5.09	0.600	U
PCB-170	6.00	5.09		
PCB-171	ND	5.09	1.55	UM
PCB-172	1.29	5.09		J
PCB-173	ND	5.09	0.379	U
PCB-174	4.74	5.09		J
PCB-175	ND	5.09	0.360	U
PCB-176	0.996	5.09		J
PCB-177	4.43	5.09		J
PCB-178	ND	5.09	3.45	UM
PCB-179	3.54	5.09		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: OWS-SCHU-T171115120543 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 10:34

Sample Data
Matrix: Water
Sample Size: 0.982 L

Laboratory Data
Lab Sample: 1701755-01 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 18:44 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	11.6	5.09		
PCB-181	ND	5.09	0.326	U
PCB-182/187	10.3	10.2		
PCB-183	ND	5.09	2.36	UM
PCB-184	ND	5.09	0.272	U
PCB-185	0.975	5.09		J
PCB-186	ND	5.09	0.253	U
PCB-188	ND	5.09	0.262	U
PCB-189	ND	5.09	0.229	U
PCB-190	1.41	5.09		J
PCB-191	ND	5.09	0.276	U
PCB-192	ND	5.09	0.267	U
PCB-193	ND	5.09	0.921	UM
PCB-194	3.82	5.09		J, B
PCB-195	1.03	5.09		J
PCB-196/203	5.68	10.2		J
PCB-197	ND	5.09	0.579	U
PCB-198	ND	5.09	0.759	U
PCB-199	5.15	5.09		
PCB-200	0.825	5.09		J
PCB-201	ND	5.09	0.650	U
PCB-202	2.12	5.09		J
PCB-204	ND	5.09	0.593	U
PCB-205	ND	5.09	0.425	U
PCB-206	4.41	5.09		J
PCB-207	ND	5.09	0.594	U
PCB-208	ND	5.09	1.23	UM
PCB-209	ND	5.09	1.31	UM
Total monoCB	81.4			
Total diCB	2290			
Total triCB	1460			
Total tetraCB	1280			
Total pentaCB	452			
Total hexaCB	179			
Total heptaCB	45.3			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	18.6			
Total nonaCB	4.41			
DecaCB	ND		1.31	UM
Total PCB	5810			

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

Sample ID: OWS-SCHU-T171115120543 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 10:34

Sample Data
Matrix: Water
Sample Size: 0.982 L

Laboratory Data
Lab Sample: 1701755-01 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 18:44 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	43.0	5 -145	
	13C-PCB-3	43.2	5 -145	
	13C-PCB-4	59.3	5 -145	
	13C-PCB-11	72.7	5 -145	
	13C-PCB-9	65.3	5 -145	
	13C-PCB-19	75.2	5 -145	
	13C-PCB-28	75.0	5 -145	
	13C-PCB-32	80.5	5 -145	
	13C-PCB-37	70.9	5 -145	
	13C-PCB-47	78.6	5 -145	
	13C-PCB-52	80.7	5 -145	
	13C-PCB-54	79.1	5 -145	
	13C-PCB-70	75.7	5 -145	
	13C-PCB-77	83.6	10 -145	
	13C-PCB-80	77.0	10 -145	
	13C-PCB-81	82.9	10 -145	
	13C-PCB-95	73.0	10 -145	
	13C-PCB-97	81.6	10 -145	
	13C-PCB-101	79.0	10 -145	
	13C-PCB-104	76.7	10 -145	
	13C-PCB-105	74.2	10 -145	
	13C-PCB-114	72.7	10 -145	
	13C-PCB-118	81.1	10 -145	
	13C-PCB-123	83.0	10 -145	
	13C-PCB-126	76.4	10 -145	
	13C-PCB-127	73.7	10 -145	
	13C-PCB-138	78.3	10 -145	
	13C-PCB-141	77.3	10 -145	
	13C-PCB-153	74.1	10 -145	
	13C-PCB-155	85.0	10 -145	
	13C-PCB-156	80.1	10 -145	
	13C-PCB-157	79.5	10 -145	
	13C-PCB-159	79.3	10 -145	
	13C-PCB-167	79.2	10 -145	
	13C-PCB-169	78.2	10 -145	
	13C-PCB-170	80.8	10 -145	
	13C-PCB-180	81.1	10 -145	
	13C-PCB-188	72.8	10 -145	
	13C-PCB-189	81.0	10 -145	
	13C-PCB-194	75.9	10 -145	
	13C-PCB-202	90.1	10 -145	
	13C-PCB-206	85.2	10 -145	
	13C-PCB-208	76.2	10 -145	
	13C-PCB-209	98.7	10 -145	
CRS	13C-PCB-79	95.7	10 -145	
	13C-PCB-178	93.8	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: OWS-THIS-T171115120714 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 11:27

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701755-02 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 22:11 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	59.4	4.93		
PCB-2	0.624	4.93		J
PCB-3	9.62	4.93		
PCB-4/10	1070	9.85		
PCB-5/8	39.8	9.85		
PCB-6	10.3	4.93		
PCB-7/9	ND	9.85	3.43	U
PCB-11	8.40	4.93		B
PCB-12/13	5.07	9.85		J
PCB-14	ND	4.93	0.903	U
PCB-15	45.7	4.93		
PCB-16/32	79.5	9.85		B
PCB-17	47.7	4.93		
PCB-18	68.6	4.93		B
PCB-19	268	4.93		
PCB-20/21/33	8.26	14.8		J
PCB-22	11.6	4.93		
PCB-23	ND	4.93	0.445	U
PCB-24/27	82.5	9.85		
PCB-25	10.5	4.93		
PCB-26	31.2	4.93		
PCB-28	56.9	4.93		
PCB-29	ND	4.93	0.438	U
PCB-30	ND	4.93	0.263	U
PCB-31	57.3	4.93		
PCB-34	ND	4.93	1.78	UM
PCB-35	0.900	4.93		J
PCB-36	0.263	4.93		J
PCB-37	15.7	4.93		
PCB-38	0.992	4.93		J
PCB-39	0.828	4.93		J
PCB-40	13.9	4.93		
PCB-41/64/71/72	67.3	19.7		
PCB-42/59	29.3	9.85		
PCB-43/49	81.8	9.85		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-44	57.0	4.93		
PCB-45	20.6	4.93		
PCB-46	7.88	4.93		
PCB-47	54.0	4.93		
PCB-48/75	11.0	9.85		
PCB-50	1.38	4.93		J
PCB-51	11.5	4.93		
PCB-52/69	90.7	9.85		
PCB-53	45.5	4.93		
PCB-54	5.94	4.93		
PCB-55	ND	4.93	0.549	UM
PCB-56/60	28.9	9.85		
PCB-57	0.984	4.93		J
PCB-58	ND	4.93	0.499	U
PCB-61/70	34.0	9.85		
PCB-62	ND	4.93	0.563	U
PCB-63	4.52	4.93		J
PCB-65	ND	4.93	0.485	U
PCB-66/76	37.6	9.85		
PCB-67	2.34	4.93		J
PCB-68	2.25	4.93		J
PCB-73	1.92	4.93		J
PCB-74	21.9	4.93		
PCB-77	ND	4.93	2.93	UM
PCB-78	ND	4.93	0.481	U
PCB-79	0.526	4.93		J
PCB-80	ND	4.93	0.468	U
PCB-81	ND	4.93	0.549	U
PCB-82	4.90	4.93		J
PCB-83	ND	4.93	0.599	U
PCB-84/92	18.6	9.85		
PCB-85/116	6.67	9.85		J
PCB-86	ND	4.93	0.971	U
PCB-87/117/125	11.1	14.8		J
PCB-88/91	10.2	4.93		

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

Sample ID: OWS-THIS-T171115120714 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 11:27

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701755-02 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 22:11 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	4.93	0.823	UM
PCB-90/101	29.7	9.85		
PCB-93	ND	4.93	1.13	U
PCB-94	ND	4.93	2.12	UM
PCB-95/98/102	31.1	14.8		
PCB-96	1.27	4.93		J
PCB-97	9.46	4.93		
PCB-99	15.6	4.93		
PCB-100	0.960	4.93		J
PCB-103	ND	4.93	0.841	UM
PCB-104	ND	4.93	0.707	U
PCB-105	9.93	4.93		
PCB-106/118	20.2	9.85		
PCB-107/109	2.05	9.85		J
PCB-108/112	ND	9.85	2.57	UM
PCB-110	29.5	4.93		
PCB-111/115	ND	9.85	0.586	U
PCB-113	ND	4.93	0.635	U
PCB-114	ND	4.93	0.569	U
PCB-119	ND	4.93	1.17	UM
PCB-120	ND	4.93	0.530	U
PCB-121	ND	4.93	0.622	U
PCB-122	ND	4.93	0.483	U
PCB-123	0.867	4.93		J
PCB-124	0.832	4.93		J
PCB-126	ND	4.93	0.584	U
PCB-127	ND	4.93	0.565	U
PCB-128/162	3.13	9.85		J
PCB-129	ND	4.93	0.865	UM
PCB-130	1.53	4.93		J
PCB-131/133	1.13	9.85		J
PCB-132/161	4.67	9.85		J
PCB-134/143	1.87	9.85		J
PCB-135	3.18	4.93		J
PCB-136	3.07	4.93		J

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	1.08	4.93		J
PCB-138/163/164	18.2	14.8		
PCB-139/149	13.2	9.85		
PCB-140	ND	4.93	0.581	U
PCB-141	2.41	4.93		J
PCB-142	ND	4.93	0.540	U
PCB-144	0.656	4.93		J
PCB-145	ND	4.93	0.396	U
PCB-146/165	3.04	9.85		J
PCB-147	1.08	4.93		J
PCB-148	ND	4.93	0.578	U
PCB-150	ND	4.93	0.436	U
PCB-151	5.27	4.93		
PCB-152	ND	4.93	0.387	U
PCB-153	13.4	4.93		
PCB-154	0.716	4.93		J
PCB-155	ND	4.93	0.453	U
PCB-156	1.85	4.93		J
PCB-157	0.606	4.93		J
PCB-158/160	2.23	9.85		J
PCB-159	ND	4.93	0.315	U
PCB-166	ND	4.93	0.323	U
PCB-167	0.797	4.93		J
PCB-168	ND	4.93	0.354	U
PCB-169	ND	4.93	0.331	U
PCB-170	3.00	4.93		J
PCB-171	ND	4.93	0.801	UM
PCB-172	0.886	4.93		J
PCB-173	ND	4.93	0.248	U
PCB-174	2.85	4.93		J
PCB-175	ND	4.93	0.241	U
PCB-176	ND	4.93	0.453	UM
PCB-177	2.07	4.93		J
PCB-178	ND	4.93	1.60	UM
PCB-179	1.59	4.93		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: OWS-THIS-T171115120714 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 11:27

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701755-02 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 22:11 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	4.64	4.93		J
PCB-181	ND	4.93	0.213	U
PCB-182/187	4.40	9.85		J
PCB-183	1.47	4.93		J
PCB-184	ND	4.93	0.183	U
PCB-185	0.412	4.93		J
PCB-186	ND	4.93	0.169	U
PCB-188	ND	4.93	0.175	U
PCB-189	0.366	4.93		J
PCB-190	0.941	4.93		J
PCB-191	ND	4.93	0.181	U
PCB-192	ND	4.93	0.174	U
PCB-193	ND	4.93	0.184	U
PCB-194	1.92	4.93		J, B
PCB-195	0.883	4.93		J
PCB-196/203	1.87	9.85		J
PCB-197	ND	4.93	0.346	U
PCB-198	ND	4.93	0.452	U
PCB-199	2.35	4.93		J
PCB-200	ND	4.93	0.365	U
PCB-201	ND	4.93	0.388	U
PCB-202	0.648	4.93		J
PCB-204	ND	4.93	0.355	U
PCB-205	ND	4.93	0.286	U
PCB-206	ND	4.93	1.19	UM
PCB-207	ND	4.93	0.219	U
PCB-208	0.685	4.93		J
PCB-209	ND	4.93	0.719	UM
Total monoCB	69.7			
Total diCB	1180			
Total triCB	741			
Total tetraCB	633			
Total pentaCB	203			
Total hexaCB	83.1			
Total heptaCB	22.6			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	7.68			
Total nonaCB	0.685			
DecaCB	ND		0.719	UM
Total PCB	2940			

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

Sample ID: OWS-THIS-T171115120714 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 11:27

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701755-02 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 22:11 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	57.8	5 -145	
	13C-PCB-3	57.4	5 -145	
	13C-PCB-4	75.5	5 -145	
	13C-PCB-11	81.6	5 -145	
	13C-PCB-9	77.6	5 -145	
	13C-PCB-19	86.7	5 -145	
	13C-PCB-28	84.1	5 -145	
	13C-PCB-32	88.4	5 -145	
	13C-PCB-37	82.7	5 -145	
	13C-PCB-47	87.2	5 -145	
	13C-PCB-52	86.4	5 -145	
	13C-PCB-54	85.0	5 -145	
	13C-PCB-70	83.6	5 -145	
	13C-PCB-77	92.1	10 -145	
	13C-PCB-80	86.2	10 -145	
	13C-PCB-81	91.2	10 -145	
	13C-PCB-95	82.2	10 -145	
	13C-PCB-97	91.6	10 -145	
	13C-PCB-101	89.4	10 -145	
	13C-PCB-104	84.5	10 -145	
	13C-PCB-105	86.3	10 -145	
	13C-PCB-114	83.2	10 -145	
	13C-PCB-118	92.6	10 -145	
	13C-PCB-123	93.4	10 -145	
	13C-PCB-126	86.0	10 -145	
	13C-PCB-127	86.1	10 -145	
	13C-PCB-138	89.0	10 -145	
	13C-PCB-141	88.2	10 -145	
	13C-PCB-153	87.4	10 -145	
	13C-PCB-155	100	10 -145	
	13C-PCB-156	91.1	10 -145	
	13C-PCB-157	90.3	10 -145	
	13C-PCB-159	91.2	10 -145	
	13C-PCB-167	92.2	10 -145	
	13C-PCB-169	87.2	10 -145	
	13C-PCB-170	95.3	10 -145	
	13C-PCB-180	95.1	10 -145	
	13C-PCB-188	86.0	10 -145	
	13C-PCB-189	94.8	10 -145	
	13C-PCB-194	89.6	10 -145	
	13C-PCB-202	105	10 -145	
	13C-PCB-206	99.0	10 -145	
	13C-PCB-208	96.4	10 -145	
	13C-PCB-209	117	10 -145	
CRS	13C-PCB-79	101	10 -145	
	13C-PCB-178	102	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: OWS-WAFO-T171115120414 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 9:16

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701755-03 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 23:16 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	66.6	4.94		
PCB-2	1.35	4.94		J
PCB-3	12.9	4.94		
PCB-4/10	3020	9.88		
PCB-5/8	46.7	9.88		
PCB-6	15.5	4.94		
PCB-7/9	ND	9.88	5.66	U
PCB-11	8.64	4.94		B
PCB-12/13	11.8	9.88		
PCB-14	ND	4.94	0.869	U
PCB-15	92.3	4.94		
PCB-16/32	165	9.88		B
PCB-17	121	4.94		
PCB-18	145	4.94		B
PCB-19	552	4.94		
PCB-20/21/33	12.5	14.8		J
PCB-22	17.5	4.94		
PCB-23	ND	4.94	0.472	U
PCB-24/27	197	9.88		
PCB-25	23.6	4.94		
PCB-26	84.7	4.94		
PCB-28	108	4.94		
PCB-29	ND	4.94	0.466	U
PCB-30	ND	4.94	0.393	U
PCB-31	144	4.94		
PCB-34	4.69	4.94		J
PCB-35	1.41	4.94		J
PCB-36	ND	4.94	0.477	UM
PCB-37	30.2	4.94		
PCB-38	2.48	4.94		J
PCB-39	1.85	4.94		J
PCB-40	25.9	4.94		
PCB-41/64/71/72	140	19.8		
PCB-42/59	53.5	9.88		
PCB-43/49	203	9.88		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-44	105	4.94		
PCB-45	39.3	4.94		
PCB-46	15.2	4.94		
PCB-47	133	4.94		
PCB-48/75	19.5	9.88		
PCB-50	1.90	4.94		J
PCB-51	24.9	4.94		
PCB-52/69	227	9.88		
PCB-53	104	4.94		
PCB-54	10.1	4.94		
PCB-55	1.59	4.94		J
PCB-56/60	51.2	9.88		
PCB-57	1.95	4.94		J
PCB-58	ND	4.94	0.484	UM
PCB-61/70	69.8	9.88		
PCB-62	ND	4.94	0.534	U
PCB-63	10.7	4.94		
PCB-65	ND	4.94	0.461	U
PCB-66/76	76.7	9.88		
PCB-67	3.79	4.94		J
PCB-68	ND	4.94	4.56	UM
PCB-73	4.59	4.94		J
PCB-74	45.2	4.94		
PCB-77	8.03	4.94		
PCB-78	ND	4.94	0.425	U
PCB-79	ND	4.94	0.752	UM
PCB-80	ND	4.94	0.399	U
PCB-81	ND	4.94	0.485	U
PCB-82	8.55	4.94		
PCB-83	ND	4.94	0.533	U
PCB-84/92	44.9	9.88		
PCB-85/116	13.0	9.88		
PCB-86	ND	4.94	0.864	U
PCB-87/117/125	24.4	14.8		
PCB-88/91	26.6	4.94		

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

Sample ID: OWS-WAFO-T171115120414 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 9:16

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701755-03 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 23:16 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	1.58	4.94		J
PCB-90/101	63.3	9.88		
PCB-93	ND	4.94	0.943	U
PCB-94	ND	4.94	4.01	UM
PCB-95/98/102	69.9	14.8		
PCB-96	2.60	4.94		J
PCB-97	18.1	4.94		
PCB-99	33.1	4.94		
PCB-100	ND	4.94	2.68	UM
PCB-103	2.73	4.94		J
PCB-104	ND	4.94	0.701	U
PCB-105	19.7	4.94		
PCB-106/118	41.9	9.88		
PCB-107/109	4.18	9.88		J
PCB-108/112	5.56	9.88		J
PCB-110	65.6	4.94		
PCB-111/115	ND	9.88	0.897	UM
PCB-113	0.756	4.94		J
PCB-114	1.15	4.94		J
PCB-119	2.77	4.94		J
PCB-120	ND	4.94	0.472	U
PCB-121	ND	4.94	0.520	U
PCB-122	0.641	4.94		J
PCB-123	1.29	4.94		J
PCB-124	2.02	4.94		J
PCB-126	ND	4.94	0.616	U
PCB-127	ND	4.94	0.556	U
PCB-128/162	5.72	9.88		J
PCB-129	ND	4.94	1.63	UM
PCB-130	ND	4.94	2.67	UM
PCB-131/133	2.81	9.88		J
PCB-132/161	10.7	9.88		
PCB-134/143	3.18	9.88		J
PCB-135	7.43	4.94		
PCB-136	7.62	4.94		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	1.81	4.94		J
PCB-138/163/164	37.4	14.8		
PCB-139/149	30.0	9.88		
PCB-140	ND	4.94	0.465	U
PCB-141	4.42	4.94		J
PCB-142	ND	4.94	0.848	U
PCB-144	ND	4.94	0.904	U
PCB-145	ND	4.94	0.486	U
PCB-146/165	6.76	9.88		J
PCB-147	2.27	4.94		J
PCB-148	ND	4.94	0.710	U
PCB-150	ND	4.94	0.536	U
PCB-151	13.2	4.94		
PCB-152	ND	4.94	0.475	U
PCB-153	27.7	4.94		
PCB-154	1.66	4.94		J
PCB-155	ND	4.94	0.556	U
PCB-156	3.89	4.94		J
PCB-157	0.948	4.94		J
PCB-158/160	3.61	9.88		J
PCB-159	ND	4.94	0.490	U
PCB-166	ND	4.94	0.503	U
PCB-167	1.56	4.94		J
PCB-168	ND	4.94	0.556	U
PCB-169	ND	4.94	0.508	U
PCB-170	5.47	4.94		
PCB-171	1.53	4.94		J
PCB-172	0.962	4.94		J
PCB-173	ND	4.94	0.457	U
PCB-174	4.78	4.94		J
PCB-175	ND	4.94	0.447	U
PCB-176	0.865	4.94		J
PCB-177	4.29	4.94		J
PCB-178	3.44	4.94		J
PCB-179	3.64	4.94		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: OWS-WAFO-T171115120414 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 9:16

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701755-03 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 23:16 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	10.1	4.94		
PCB-181	ND	4.94	0.393	U
PCB-182/187	9.87	9.88		J
PCB-183	ND	4.94	1.95	UM
PCB-184	ND	4.94	0.338	U
PCB-185	ND	4.94	0.428	U
PCB-186	ND	4.94	0.314	U
PCB-188	ND	4.94	0.325	U
PCB-189	ND	4.94	0.281	U
PCB-190	ND	4.94	1.07	UM
PCB-191	ND	4.94	0.333	U
PCB-192	ND	4.94	0.320	U
PCB-193	ND	4.94	0.750	UM
PCB-194	2.80	4.94		J, B
PCB-195	1.05	4.94		J
PCB-196/203	4.00	9.88		J
PCB-197	ND	4.94	0.683	U
PCB-198	ND	4.94	0.893	U
PCB-199	4.63	4.94		J
PCB-200	ND	4.94	0.720	U
PCB-201	ND	4.94	0.767	U
PCB-202	ND	4.94	1.63	UM
PCB-204	ND	4.94	0.700	U
PCB-205	0.330	4.94		J
PCB-206	ND	4.94	3.91	UM
PCB-207	ND	4.94	0.373	U
PCB-208	1.95	4.94		J
PCB-209	ND	4.94	2.98	UM
Total monoCB	80.9			
Total diCB	3200			
Total triCB	1610			
Total tetraCB	1380			
Total pentaCB	454			
Total hexaCB	173			
Total heptaCB	44.9			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	12.8			
Total nonaCB	1.95			
DecaCB	ND		2.98	UM
Total PCB	6950			

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

Sample ID: OWS-WAFO-T171115120414 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP - Resuspension Monitorin
Date Collected: 15-Nov-2017 9:16

Sample Data
Matrix: Water
Sample Size: 1.01 L

Laboratory Data
Lab Sample: 1701755-03 — Date Received: 16-Nov-2017 9:47
QC Batch: B8D0041 — Date Extracted: 06-Apr-2018 8:02
Date Analyzed : 10-Apr-18 23:16 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	56.2	5 -145	
	13C-PCB-3	55.7	5 -145	
	13C-PCB-4	75.1	5 -145	
	13C-PCB-11	82.5	5 -145	
	13C-PCB-9	75.9	5 -145	
	13C-PCB-19	84.6	5 -145	
	13C-PCB-28	83.1	5 -145	
	13C-PCB-32	89.3	5 -145	
	13C-PCB-37	80.1	5 -145	
	13C-PCB-47	82.0	5 -145	
	13C-PCB-52	84.3	5 -145	
	13C-PCB-54	82.0	5 -145	
	13C-PCB-70	90.0	5 -145	
	13C-PCB-77	95.6	10 -145	
	13C-PCB-80	91.9	10 -145	
	13C-PCB-81	92.6	10 -145	
	13C-PCB-95	89.2	10 -145	
	13C-PCB-97	95.2	10 -145	
	13C-PCB-101	93.2	10 -145	
	13C-PCB-104	80.5	10 -145	
	13C-PCB-105	90.1	10 -145	
	13C-PCB-114	87.4	10 -145	
	13C-PCB-118	97.4	10 -145	
	13C-PCB-123	100	10 -145	
	13C-PCB-126	90.2	10 -145	
	13C-PCB-127	90.5	10 -145	
	13C-PCB-138	93.2	10 -145	
	13C-PCB-141	91.2	10 -145	
	13C-PCB-153	90.1	10 -145	
	13C-PCB-155	104	10 -145	
	13C-PCB-156	96.9	10 -145	
	13C-PCB-157	96.2	10 -145	
	13C-PCB-159	94.9	10 -145	
	13C-PCB-167	94.5	10 -145	
	13C-PCB-169	93.1	10 -145	
	13C-PCB-170	97.2	10 -145	
	13C-PCB-180	96.7	10 -145	
	13C-PCB-188	88.6	10 -145	
	13C-PCB-189	98.7	10 -145	
	13C-PCB-194	92.2	10 -145	
	13C-PCB-202	109	10 -145	
	13C-PCB-206	102	10 -145	
	13C-PCB-208	99.3	10 -145	
	13C-PCB-209	120	10 -145	
CRS	13C-PCB-79	102	10 -145	
	13C-PCB-178	105	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
Alaska Department of Environmental Conservation	17-013
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	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-008
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-17-8
Virginia Department of General Services	9077
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.

1701755 1.4°C

ANCHOR QEA

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

Client: General Electric Company

ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY

Project: Hudson River Remedial Action Monitoring Program - Resuspension Monitoring

COC ID: COC171115120917VISTA
Sample Custodian: KMB
Lab: VISTA

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	OWS-SCHU-T171115120543	ENV	W	11/15/2017	10:34	W	2							
								CS PCBs 1668	E1668C	N	N	N	480	4degC
002	OWS-THIS-T171115120714	ENV	W	11/15/2017	11:27	W	2							
								CS PCBs 1668	E1668C	N	N	N	480	4degC
003	OWS-WAFO-T171115120414	ENV	W	11/15/2017	09:16	W	2							
								CS PCBs 1668	E1668C	N	N	N	480	4degC

Comments:

Relinquished by:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by:
Signature	Signature	Signature	Signature	Signature	Signature
Print Name Christy Cates	Print Name FEDEX	Print Name FedEx	Print Name B. Benedict	Print Name	Print Name
Company AQEA	Company	Company	Company VAL	Company	Company
Date/Time 11/15/17 1500	Date/Time	Date/Time 11/16/17 0947	Date/Time 11/16/17 0959	Date/Time	Date/Time

Date Printed: 11/15/2017 * 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 #: 1701755 **TAT** std

Samples Arrival:	**Date/Time** 11/16/17 0947	**Initials:** [illegible]	**Location:** WR-2 **Shelf/Rack:** NA
Logged In:	**Date/Time** 11/21/17 1808	**Initials:** MMS	**Location:** WR-1 **Shelf/Rack:** Cart

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

Temp °C: 1.3 (uncorrected)	**Time:** 0958	**Thermometer ID:** IR-1
Temp °C: 1.4 (corrected)	**Probe used:** Yes☐ No☑	

		YES	NO	NA
Adequate Sample Volume Received?		✓		
Holding Time Acceptable?		✓		
Shipping Container(s) Intact?		✓		
Shipping Custody Seals Intact?		✓		
Shipping Documentation Present?		✓		
Airbill	Trk # 7884 7821 0080	✓		
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:

EXTRACTION INFORMATION

Process Sheet

Workorder: 1701755

Prep Expiration: 2018-Nov-15

Client: General Electric Company

Workorder Due: 11-Dec-17 00:00

TAT: 25

Method: **1668C Full List (All Congener OPR)**

Matrix: **Aqueous**

Client Matrix: Water

Also run: **Percent Solids**

Prep Batch: B8D0041

Prep Data Entered: 4/9/18 SR

Date and Initials

Initial Sequence: S8D0017

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
1701755-01 B	☒	OWS-SCHU-T171115120543	16-Nov-17 09:47	WR-1 Cart	
1701755-02 B	☒	OWS-THIS-T171115120714	16-Nov-17 09:47	WR-1 Cart	
1701755-03 B	☒	OWS-WAFO-T171115120414	16-Nov-17 09:47	WR-1 Cart	

% solids on blank

Vista PM:Martha Maier

Vial Box ID: KEF

Sample Reconciled By: SR 4/6/18

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener OPR)

B8D0041

Chemist: BL

Prep Date/Time: 06-Apr-18

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	PS ~~CRS~~ CHEM/WIT DATE	NA AP CHEM/ DATE	NA ABSG CHEM/ DATE	NA AA CHEM/ DATE	NA Florisil CHEM/ DATE	RS CHEM/WIT DATE
☐	B8D0041-BLK1	NA	NA	(1.0)	BL JR 4/6/18	TLD JR 4/6/18	NA	TLD 4/9/18	NA	NA	BL EE 4/9/18
☐	B8D0041-BS1			(1.0)							
☐	B8D0041-MS1 1701560-05	1399.44	499.43	0.90001							
☐	B8D0041-MSD1 1701560-05	1357.34	500.90	0.85644							
☐	1701560-01	1486.05	504.82	0.98123							
☐	1701560-02	1486.94	504.51	0.98243							
☐	1701560-03	1360.66	502.50	0.85816							
☐	1701560-04	1480.54	502.55	0.97799							
☐	1701560-05	1421.72	500.47	0.92125							
☐	1701560-06	1442.89	500.60	0.94229							
☐	1701560-07	1439.68	503.63	0.93605							
☐	1701613-01	1515.48	503.47	1.01201							
☐	1701613-02	1509.64	502.24	1.0074							
☐	1701613-03	1510.64	500.09	1.01055							

IS Name (V4)	NS Name (V6)	PS ~~CRS~~ Name (V4)	RS Name (V4)	APP: (SEFUN) SOX SDS	Check Out: Chemist/Date: JR 4/6/18
PCDD/F	PCDD/F	PCDD/F	PCDD/F	SOLV: DCM	Check In: Chemist/Date: Empty
PCB 18A0219, 10uL	PCB 18A0304, 10uL	PCB 18A0220, 10uL	PCB 18A0221, 10uL	Other NA	Balance ID: HRMS-9
PAH	PAH	PAH	PAH	Final Volume(s) Cg 20uL	

Comments: Assume 1 g = 1 mL

1 = Sample approached dryness on rotovap
2 = Sample bumped on rotovap; lost < 5%
3 = Sample poured through Na2SO4 to remove water
4 = Precipitate present at Final Volume
5 = Sample Centrifuged to remove particulate
6 = Added boiling chips to seperatory funnel
7 = Sample emulsed during shakeout

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener OPR)

B8D0041

Chemist: BL

Prep Date/Time: 06-Apr-18

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	PS ~~CRS~~ CHEM/WIT DATE	NA AP CHEM/ DATE	NA ABSG CHEM/ DATE	NA AA CHEM/ DATE	NA Florisil CHEM/ DATE	RS CHEM/WIT DATE
☐	1701613-04	1502.57	502.58	0.99999	BL JR 4/6/18	TW JR 4/6/18	NA	TWD 4/9/18	NA	NA	BL EL 4/9/18
☐	1701613-05	1463.95	500.60	0.96335							
☐	1701667-01	1530.33	502.54	1.02779							
☐	1701667-02	1495.12	503.93	0.99119							
☐	1701667-03	1400.41	503.61	0.89680							
☐	1701755-01	1481.74	499.37	0.98237	✓						
☐	1701755-02	1513.59	498.50	1.01509	✓						
☐	1701755-03	1512.20	499.78	1.01242	✓						

IS Name V4	NS Name V6	PS ~~CRS~~ Name V4	RS Name V4	APP: SEFUN SOX SDS	Check Out: Chemist/Date: 4/6/18 JR
PCDD/F	PCDD/F	PCDD/F	PCDD/F	SOLV: DCM	Check In: Chemist/Date: Empty
PCB 18A0219, 10uL	PCB 18A0304, 10uL	PCB 18A0220, 10uL	PCB 18A0221, 10uL	Other NA	Balance ID: HRMS-9
PAH	PAH	PAH	PAH	Final Volume(s) Ca 20uL	

Comments: Assume 1 g = 1 mL

1 = Sample approached dryness on rotovap
2 = Sample bumped on rotovap; lost < 5%
3 = Sample poured through Na2SO4 to remove water
4 = Precipitate present at Final Volume
5 = Sample Centrifuged to remove particulate
6 = Added boiling chips to seperatory funnel
7 = Sample emulsed during shakeout

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8D0039

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

Analyte: Dried at 110°C+/-5°C **Units:** %

Data Entry Verified by: (Initial and Date) JR 4/9/18

Inst: HRMS-9

Date/Time IN:	Date/Time OUT
4/6/18 8:00	4/9/18 14:52

	B	C	D	E	F	G	H	K	M	N	O	P	Q	R
				Intial and Date:	4/6/18 BL	4/9/18 TLD			BL 4/6/18					JR 4/6/18
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	Sample Homogenized*
	1701560-01	A	Sample	1.2900	15.3500	1.2900	0.0000	0.00	5	2	6	0	Clear	X
	1701560-02	A	Sample	1.2700	14.7900	1.2800	0.0100	0.07	5	2	6	0	Clear	X
	1701560-03	A	Sample	1.2900	14.9100	1.2900	0.0000	0.00	5	2	6	0	Clear	X
	1701560-04	A	Sample	1.2800	19.3400	1.2800	0.0000	0.00	5	2	6	0	Clear	X
	1701560-05	A	Sample	1.2900	18.1900	1.3000	0.0100	0.06	5	2	6	0	Clear	X
	1701560-06	A	Sample	1.2800	16.4900	1.2900	0.0100	0.07	5	2	6	0	Clear	X
	1701560-07	A	Sample	1.2700	18.0500	1.2700	0.0000	0.00	6	2	6	0	Clear	X
	1701613-01	A	Sample	1.2700	16.6500	1.2900	0.0200	0.13	6	2	10	0	Clear	X
	1701613-02	A	Sample	1.2900	13.9700	1.2900	0.0000	0.00	6	2	6	0	Clear	X
	1701613-03	A	Sample	1.2800	15.0200	1.2900	0.0100	0.07	5	2	6	0	Clear	X
	1701613-04	A	Sample	1.2800	19.9800	1.2800	0.0000	0.00	5	2	6	0	Particles	X
	1701613-05	A	Sample	1.2800	20.1000	1.2900	0.0100	0.05	5	2	6	0	Clear	X
	1701667-01	A	Sample	1.2800	18.5500	1.2800	0.0000	0.00	5	2	6	0	Clear	X
	1701667-02	A	Sample	1.2900	17.9700	1.2900	0.0000	0.00	5	2	6	0	Particles	X
	1701667-03	A	Sample	1.2800	20.5100	1.2800	0.0000	0.00	5	2	6	0	Clear	X
	1701755-01	B	Sample	1.2800	16.3000	1.2800	0.0000	0.00	5	2	6	0	Particles	X
	1701755-02	B	Sample	1.2900	21.5500	1.2900	0.0000	0.00	5	2	6	0	Particles	X
	1701755-03	B	Sample	1.2900	16.3400	1.2900	0.0000	0.00	5	2	6	0	Particles	X
	MS	1701560-05-B		1.2900	16.6500	1.2900	0.0000	0.00	5	2	6	0	Clear	X
	MSD	1701560-05-C		1.2800	21.3100	1.2900	0.0100	0.05	5	2	6	0	Clear	X
	BLK			1.2800	16.7600	1.2800	0.0000	0.00	5	2	6	0	Clear	X
	OPR			1.2700	15.3100	1.2700	0.0000	0.00	5	2	6	0	Clear	X

*Sample homogenized in sample container unless otherwise noted.

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8D0039

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

Data Entry Verified by: (Initial and Date) NA

Inst HRMS-9

JR 4/6/18

Date/Time IN: ~~4/6/18~~ 4/6/18 800 Date/Time OUT 4/9/18 1452

	B	C	D	E	F	G	H	K	M	N	O	P	Q	R
				Intial and Date:	4/6/18 BL	4/9/18 TND			BL 4/6/18					JR 4/6/18
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	Sample Homogenized*
	1701560-01	A	Sample	(A) ~~1.28~~ 1.29	15.35	1.29			5	2	6	0	Clear	X
	1701560-02	A	Sample	~~1.29~~ 1.27	14.79	1.28			6	2	6	0		X
	1701560-03	A	Sample	~~1.29~~ 1.29	14.91	1.29			5	2	6	0		X
	1701560-04	A	Sample	~~1.29~~ 1.28	19.34	1.28			5	2	6	0		X
	1701560-05	A	Sample	~~1.27~~ 1.29	18.19	1.30			5	2	6	0		X
	1701560-06	A	Sample	~~1.29~~ 1.28	16.49	1.29			5	2	6	0		X
	1701560-07	A	Sample	1.27	18.05	1.27			6	2	6	0		X
	1701613-01	A	Sample	1.27	16.65	1.29 TND 4/9/18			6	2	10	0		X
	1701613-02	A	Sample	1.29	13.97	1.29			6	2	6	0		X
	1701613-03	A	Sample	1.28	15.02	1.29			5	2	6	0		X
	1701613-04	A	Sample	1.28	19.98	1.28			5	2	6	0	Particles	X
	1701613-05	A	Sample	1.28	20.10	1.29			5	2	6	0	Clear	X
	1701667-01	A	Sample	1.28	18.65	1.28			5	2	6	0		X
	1701667-02	A	Sample	1.29	17.97	1.29			5	2	6	0	Particles	X
	1701667-03	A	Sample	1.28	20.51	1.28			5	2	6	0	Clear	X
	1701755-01	B	Sample	1.28	16.30	1.28			5	2	6	0	Particles	X
	1701755-02	B	Sample	1.29	21.55	1.29			5	2	6	0	Particles	X
	1701755-03	B	Sample	1.29	16.34	1.29			5	2	6	0	Particles	X
	MS	1701560-05-B		1.29	16.66	1.29			5	2	6	0	Clear	X
	MSD	1701560-05-C		1.28	21.31	1.29			5	2	6	0		X
	BLK			1.28	16.76	1.28			5	2	6	0		X
	OPR			1.27	15.31	1.27			5	2	6	0		X

*Sample homogenized in sample container unless otherwise noted.

(A) JR 4/6/18

BCH_QAAN_TS_B8D0039 4/5/2018 2:57 PM

1 of 1

Batch: B8D0041

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1701560-01	0.98123			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701560-02	0.98243			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701560-03	0.85816			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701560-04	0.97799			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701560-05	0.92125			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701560-06	0.94229			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701560-07	0.93605			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701613-01	1.01201			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701613-02	1.0074			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701613-03	1.01055			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701613-04	0.99999			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701613-05	0.96335			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701667-01	1.02779			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701667-02	0.99119			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701667-03	0.8968			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701755-01	0.98237			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701755-02	1.01509			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
1701755-03	1.01242			20	06-Apr-18 08:02	BML			Water	1668C Full List (All Conger
B8D0041-BLK1	1			20	06-Apr-18 08:02	BML				QC
B8D0041-BS1	1			20	06-Apr-18 08:02	BML	18A0304	10		QC
B8D0041-MS1	0.90001			20	06-Apr-18 08:02	BML	18A0304	10		QC
B8D0041-MSD1	0.85644			20	06-Apr-18 08:02	BML	18A0304	10		QC

JR 4/9/18

Printed: 4/9/2018 3:47:13PM

SAMPLE DATA – EPA METHOD 1668C

Client ID: Method Blank Filename: 180409E1 S:4 Acq:9-APR-18 20:49:03 ConCal: ST180409E1-1
Lab ID: B8D0041-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-0-18 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¶	1.07	*		1260	2.5	0.752	*	0.996-1.006
Mono	PCB-2	*	*	n NotF¶	1.06	*		1260	2.5	0.826	*	0.983-0.993
Mono	PCB-3	*	*	n NotF¶	1.06	*		1260	2.5	0.825	*	0.996-1.006
Di	PCB-4/10	*	*	n NotF¶	1.24	*		2340	2.5	1.27	*	0.998-1.008
Di	PCB-7/9	*	*	n NotF¶	0.99	*		2340	2.5	0.927	*	0.863-0.871
Di	PCB-6	*	*	n NotF¶	1.06	*		2340	2.5	0.870	*	0.888-0.897
Di	PCB-5/8	*	*	n NotF¶	1.03	*		11500	1.0	1.77	*	0.904-0.913
Di	PCB-14	*	*	n NotF¶	1.03	*		2340	2.5	0.930	*	0.948-0.958
Di	PCB-11	5.81e+05	1.52	y 25:09	1.11	8.397		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	*	*	n NotF¶	1.02	*		2340	2.5	0.943	*	1.011-1.021
Di	PCB-15	*	*	n NotF¶	1.05	*		2340	2.5	0.910	*	1.023-1.033
Tri	PCB-19	*	*	n NotF¶	1.20	*		1550	2.5	0.595	*	0.996-1.006
Tri	PCB-30	*	*	n NotF¶	1.93	*		1550	2.5	0.370	*	1.034-1.044
Tri	PCB-18	6.83e+04	1.00	y 25:46	0.91	1.144		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	*	*	n NotF¶	0.84	*		1550	2.5	0.579	*	0.955-0.965
Tri	PCB-24/27	*	*	n NotF¶	1.15	*		1550	2.5	0.423	*	0.977-0.986
Tri	PCB-16/32	6.34e+04	1.00	y 27:04	1.02	0.9507		*	2.5	*	1.001	0.995-1.005
Tri	PCB-34	*	*	n NotF¶	0.96	*		1330	2.5	0.529	*	0.955-0.965
Tri	PCB-23	*	*	n NotF¶	0.95	*		1330	2.5	0.536	*	0.958-0.968
Tri	PCB-29	*	*	n NotF¶	0.96	*		1330	2.5	0.528	*	0.966-0.976
Tri	PCB-26	*	*	n NotF¶	1.00	*		1330	2.5	0.507	*	0.974-0.984
Tri	PCB-25	*	*	n NotF¶	1.06	*		1330	2.5	0.481	*	0.980-0.990
Tri	PCB-31	*	*	n NotF¶	1.10	*		1330	2.5	0.463	*	0.992-1.002
Tri	PCB-28	4.79e+04	1.66	n 29:01	1.14	0.7063		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	*	*	n NotF¶	1.00	*		1330	2.5	0.511	*	1.017-1.027
Tri	PCB-22	*	*	n NotF¶	1.09	*		1330	2.5	0.468	*	1.032-1.042
Tri	PCB-36	*	*	n NotF¶	1.15	*		1330	2.5	0.475	*	0.929-0.939
Tri	PCB-39	*	*	n NotF¶	1.07	*		1330	2.5	0.511	*	0.943-0.953
Tri	PCB-38	*	*	n NotF¶	1.10	*		1330	2.5	0.496	*	0.966-0.976
Tri	PCB-35	*	*	n NotF¶	1.12	*		1330	2.5	0.486	*	0.982-0.992
Tri	PCB-37	*	*	n NotF¶	1.11	*		1330	2.5	0.491	*	0.996-1.006
Tetra	PCB-54	*	*	n NotF¶	1.07	*		2460	2.5	0.788	*	0.996-1.006
Tetra	PCB-50	*	*	n NotF¶	0.87	*		2460	2.5	0.968	*	1.038-1.048
Tetra	PCB-53	*	*	n NotF¶	1.01	*		2460	2.5	0.980	*	0.940-0.950
Tetra	PCB-51	*	*	n NotF¶	1.10	*		2460	2.5	0.900	*	0.952-0.962
Tetra	PCB-45	*	*	n NotF¶	0.87	*		2460	2.5	1.13	*	0.965-0.975
Tetra	PCB-46	*	*	n NotF¶	0.84	*		2460	2.5	1.18	*	0.980-0.990

Integrations by:

Analyst: DB

Date: 4/10/18

Reviewed by: CT Date: 4/12/18

Client ID: Method Blank Filename: 180409E1 S:4 Acq:9-APR-18 20:49:06 ConCal: ST180409E1-1
Lab ID: B8D0041-BLK1 GC Column ID: ZB 1 ICal: PCBVG8-2-8-18 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¶	1.21	*		2460	2.5	0.817	*	0.996-1.006
Tetra	PCB-73	*	*	n NotF¶	1.45	*		2460	2.5	0.681	*	1.000-1.010
Tetra	PCB-43/49	*	*	n NotF¶	1.01	*		2460	2.5	0.979	*	1.005-1.015
Tetra	PCB-47	3.12e+05	0.93	n 31:56	0.91	6.012		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	*	*	n NotF¶	1.13	*		2460	2.5	0.834	*	0.999-1.009
Tetra	PCB-65	*	*	n NotF¶	1.27	*		2460	2.5	0.743	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF¶	1.10	*		2460	2.5	0.862	*	1.011-1.021
Tetra	PCB-44	*	*	n NotF¶	0.85	*		2460	2.5	1.11	*	1.020-1.030
Tetra	PCB-42/59	*	*	n NotF¶	1.02	*		2460	2.5	0.926	*	1.027-1.037
Tetra	PCB-41/64/71/72	*	*	n NotF¶	1.17	*		2460	2.5	0.810	*	1.046-1.056
Tetra	PCB-68	7.02e+04	1.27	n 33:48	1.28	0.9589		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	*	*	n NotF¶	0.62	*		2460	2.5	1.51	*	1.060-1.070
Tetra	PCB-57	*	*	n NotF¶	1.13	*		2460	2.5	0.686	*	0.965-0.975
Tetra	PCB-67	*	*	n NotF¶	1.10	*		2460	2.5	0.702	*	0.973-0.983
Tetra	PCB-58	*	*	n NotF¶	1.12	*		2460	2.5	0.689	*	0.977-0.987
Tetra	PCB-63	*	*	n NotF¶	1.00	*		2460	2.5	0.774	*	0.981-0.991
Tetra	PCB-74	*	*	n NotF¶	1.18	*		2460	2.5	0.654	*	0.989-0.999
Tetra	PCB-61/70	*	*	n NotF¶	1.03	*		2460	2.5	0.753	*	0.994-1.004
Tetra	PCB-76/66	*	*	n NotF¶	1.13	*		2460	2.5	0.683	*	1.000-1.010
Tetra	PCB-80	*	*	n NotF¶	1.19	*		2460	2.5	0.650	*	0.995-1.005
Tetra	PCB-55	*	*	n NotF¶	1.16	*		2460	2.5	0.669	*	1.004-1.014
Tetra	PCB-56/60	*	*	n NotF¶	1.04	*		2460	2.5	0.743	*	1.018-1.028
Tetra	PCB-79	*	*	n NotF¶	1.17	*		2460	2.5	0.663	*	1.047-1.057
Tetra	PCB-78	*	*	n NotF¶	1.10	*		2460	2.5	0.677	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF¶	0.97	*		2460	2.5	0.771	*	0.995-1.005
Tetra	PCB-77	*	*	n NotF¶	1.08	*		2460	2.5	0.735	*	0.995-1.005
Penta	PCB-104	*	*	n NotF¶	1.08	*		1060	2.5	0.572	*	0.996-1.006
Penta	PCB-96	*	*	n NotF¶	1.13	*		1060	2.5	0.545	*	1.034-1.044
Penta	PCB-103	*	*	n NotF¶	0.91	*		1060	2.5	0.679	*	1.051-1.061
Penta	PCB-100	*	*	n NotF¶	0.93	*		1060	2.5	0.666	*	1.062-1.072
Penta	PCB-94	*	*	n NotF¶	0.91	*		1060	2.5	0.791	*	0.981-0.991
Penta	PCB-95/98/102	*	*	n NotF¶	1.17	*		1060	2.5	0.617	*	0.994-1.004
Penta	PCB-93	*	*	n NotF¶	0.93	*		1060	2.5	0.781	*	0.997-1.007
Penta	PCB-88/91	*	*	n NotF¶	0.97	*		1060	2.5	0.742	*	1.005-1.015
Penta	PCB-121	*	*	n NotF¶	1.68	*		1060	2.5	0.430	*	1.009-1.019
Penta	PCB-84/92	*	*	n NotF¶	0.97	*		1060	2.5	0.769	*	0.985-0.995
Penta	PCB-89	*	*	n NotF¶	1.06	*		1060	2.5	0.702	*	0.990-1.000

Analyst: DB

Date: 4/10/18

Client ID: Method Blank Filename: 180409E1 S:4 Acq:9-APR-18 20:49:06 ConCal: ST180409E1-1
Lab ID: B8D0041-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 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╗	1.08	*		1060	2.5	0.694	*	0.995-1.005
Penta	PCB-113	*	*	n NotF╗	1.48	*		1060	2.5	0.506	*	1.002-1.012
Penta	PCB-99	*	*	n NotF╗	1.25	*		1060	2.5	0.596	*	1.004-1.014
Penta	PCB-119	*	*	n NotF╗	1.70	*		1060	2.5	0.503	*	0.982-0.992
Penta	PCB-108/112	*	*	n NotF╗	1.40	*		1060	2.5	0.610	*	0.986-0.996
Penta	PCB-83	*	*	n NotF╗	1.75	*		1060	2.5	0.488	*	0.990-1.000
Penta	PCB-97	*	*	n NotF╗	1.17	*		1060	2.5	0.729	*	0.995-1.005
Penta	PCB-86	*	*	n NotF╗	1.08	*		1060	2.5	0.791	*	0.999-1.009
Penta	PCB-87/117/125	*	*	n NotF╗	1.55	*		1060	2.5	0.551	*	1.002-1.012
Penta	PCB-111/115	*	*	n NotF╗	1.79	*		1060	2.5	0.477	*	1.006-1.016
Penta	PCB-85/116	*	*	n NotF╗	1.29	*		1060	2.5	0.663	*	1.009-1.019
Penta	PCB-120	*	*	n NotF╗	1.98	*		1060	2.5	0.432	*	1.016-1.026
Penta	PCB-110	3.95e+04	0.91	n 39:42	1.69	0.5731		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	*	*	n NotF╗	0.81	*		1060	2.5	0.824	*	0.972-0.982
Penta	PCB-124	*	*	n NotF╗	1.30	*		1060	2.5	0.513	*	0.988-0.998
Penta	PCB-107/109	*	*	n NotF╗	1.31	*		1060	2.5	0.506	*	0.991-1.001
Penta	PCB-123	*	*	n NotF╗	1.12	*		1060	2.5	0.594	*	0.996-1.006
Penta	PCB-106/118	*	*	n NotF╗	1.18	*		1060	2.5	0.566	*	0.996-1.006
Penta	PCB-114	*	*	n NotF╗	1.11	*		1260	2.5	0.787	*	0.995-1.005
Penta	PCB-122	*	*	n NotF╗	1.03	*		1260	2.5	0.851	*	0.999-1.009
Penta	PCB-105	*	*	n NotF╗	1.12	*		1260	2.5	0.759	*	0.995-1.005
Penta	PCB-127	*	*	n NotF╗	1.12	*		1260	2.5	0.695	*	0.995-1.005
Penta	PCB-126	*	*	n NotF╗	1.20	*		1260	2.5	0.691	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF╗	0.99	*		974	2.5	0.535	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF╗	1.02	*		974	2.5	0.516	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF╗	1.16	*		974	2.5	0.457	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF╗	1.13	*		974	2.5	0.468	*	1.054-1.064
Hexa	PCB-136	*	*	n NotF╗	1.02	*		974	2.5	0.517	*	1.063-1.073
Hexa	PCB-148	*	*	n NotF╗	0.77	*		974	2.5	0.684	*	1.066-1.076
Hexa	PCB-154	*	*	n NotF╗	0.88	*		974	2.5	0.604	*	1.079-1.089
Hexa	PCB-151	*	*	n NotF╗	0.75	*		974	2.5	0.703	*	1.095-1.107
Hexa	PCB-135	*	*	n NotF╗	0.86	*		974	2.5	0.615	*	1.101-1.113
Hexa	PCB-144	*	*	n NotF╗	0.77	*		974	2.5	0.690	*	1.105-1.116
Hexa	PCB-147	*	*	n NotF╗	0.80	*		974	2.5	0.657	*	1.108-1.120
Hexa	PCB-139/149	*	*	n NotF╗	0.88	*		974	2.5	0.601	*	1.115-1.127
Hexa	PCB-140	*	*	n NotF╗	0.77	*		974	2.5	0.687	*	1.120-1.132
Hexa	PCB-134/143	*	*	n NotF╗	0.76	*		1070	2.5	0.714	*	0.970-0.980

Analyst: DB

Date: 4/10/18

Client ID: Method Blank Filename: 180409E1 S:4 Acq:9-APR-18 20:49.06 ConCal: ST180409E1-1
Lab ID: B8D0041-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 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╗	0.82	*		1070	2.5	0.666	*	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		1070	2.5	0.743	*	0.981-0.991
Hexa	PCB-146/165	*	*	n NotF╗	1.02	*		1070	2.5	0.533	*	0.986-0.996
Hexa	PCB-132/161	*	*	n NotF╗	1.00	*		1070	2.5	0.541	*	0.992-1.002
Hexa	PCB-153	*	*	n NotF╗	1.08	*		1070	2.5	0.505	*	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		1070	2.5	0.487	*	1.000-1.010
Hexa	PCB-141	*	*	n NotF╗	1.02	*		1070	2.5	0.606	*	0.995-1.005
Hexa	PCB-137	*	*	n NotF╗	1.10	*		1070	2.5	0.559	*	1.004-1.014
Hexa	PCB-130	*	*	n NotF╗	0.81	*		1070	2.5	0.766	*	1.007-1.017
Hexa	PCB-138/163/164	5.44e+04	1.52	n 44:45	1.23	0.8356		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	*	*	n NotF╗	1.18	*		1070	2.5	0.517	*	1.001-1.011
Hexa	PCB-129	*	*	n NotF╗	0.78	*		1070	2.5	0.781	*	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		1070	2.5	0.447	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		1070	2.5	0.435	*	0.995-1.005
Hexa	PCB-128/162	*	*	n NotF╗	0.89	*		1070	2.5	0.565	*	1.002-1.012
Hexa	PCB-167	*	*	n NotF╗	1.02	*		1070	2.5	0.467	*	0.995-1.005
Hexa	PCB-156	*	*	n NotF╗	1.06	*		1070	2.5	0.448	*	0.995-1.005
Hexa	PCB-157	*	*	n NotF╗	1.02	*		1070	2.5	0.476	*	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		1070	2.5	0.402	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		1380	2.5	0.445	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		1380	2.5	0.464	*	1.006-1.016
Hepta	PCB-179	*	*	n NotF╗	1.38	*		1380	2.5	0.441	*	1.024-1.034
Hepta	PCB-176	*	*	n NotF╗	1.31	*		1380	2.5	0.467	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		1380	2.5	0.430	*	1.049-1.059
Hepta	PCB-178	*	*	n NotF╗	0.97	*		1380	2.5	0.631	*	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		1380	2.5	0.612	*	1.069-1.079
Hepta	PCB-182/187	*	*	n NotF╗	1.14	*		1380	2.5	0.535	*	1.072-1.082
Hepta	PCB-183	*	*	n NotF╗	1.13	*		1380	2.5	0.542	*	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		1380	2.5	0.555	*	0.950-0.960
Hepta	PCB-174	*	*	n NotF╗	1.42	*		1380	2.5	0.532	*	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		1380	2.5	0.510	*	0.960-0.970
Hepta	PCB-177	*	*	n NotF╗	1.33	*		1380	2.5	0.567	*	0.963-0.973
Hepta	PCB-171	*	*	n NotF╗	1.37	*		1380	2.5	0.549	*	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		1380	2.5	0.593	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF╗	1.39	*		1380	2.5	0.543	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		1380	2.5	0.417	*	0.991-1.001
Hepta	PCB-180	*	*	n NotF╗	1.52	*		1380	2.5	0.496	*	0.995-1.005

Analyst: DB

Date: 4/10/18

Client ID: Method Blank Filename: 180409E1 S-4 Acq:9-APR-18 20:49:06 ConCal: ST180409E1-1
Lab ID: B8D0041-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotFn	1.71	*		1380	2.5	0.440	*	0.999-1.009
Hepta	PCB-191	*	*	n NotFn	1.74	*		1380	2.5	0.433	*	1.005-1.015
Hepta	PCB-170	*	*	n NotFn	1.44	*		1380	2.5	0.544	*	0.995-1.005
Hepta	PCB-190	*	*	n NotFn	1.95	*		1380	2.5	0.400	*	0.999-1.009
Hepta	PCB-189	*	*	n NotFn	1.46	*		1380	2.5	0.351	*	0.995-1.005
Octa	PCB-202	*	*	n NotFn	1.06	*		1460	2.5	0.674	*	0.995-1.005
Octa	PCB-201	*	*	n NotFn	0.98	*		1460	2.5	0.728	*	1.006-1.016
Octa	PCB-204	*	*	n NotFn	1.07	*		1460	2.5	0.665	*	1.009-1.019
Octa	PCB-197	*	*	n NotFn	1.10	*		1460	2.5	0.648	*	1.015-1.025
Octa	PCB-200	*	*	n NotFn	1.04	*		1460	2.5	0.683	*	1.034-1.044
Octa	PCB-198	*	*	n NotFn	0.84	*		1460	2.5	0.848	*	1.065-1.075
Octa	PCB-199	*	*	n NotFn	0.80	*		1460	2.5	0.891	*	1.067-1.077
Octa	PCB-196/203	*	*	n NotFn	0.84	*		1460	2.5	0.846	*	1.072-1.082
Octa	PCB-195	*	*	n NotFn	1.04	*		989	2.5	0.460	*	0.979-0.989
Octa	PCB-194	3.18e+04	0.78	y 54:03	1.16	0.7884		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotFn	1.33	*		989	2.5	0.358	*	1.000-1.010
Nona	PCB-208	*	*	n NotFn	0.90	*		880	2.5	0.326	*	0.995-1.005
Nona	PCB-207	*	*	n NotFn	0.89	*		880	2.5	0.329	*	1.001-1.011
Nona	PCB-206	*	*	n NotFn	0.88	*		880	2.5	0.402	*	0.995-1.005
Deca	PCB-209	*	*	n NotFn	1.04	*		853	2.5	0.419	*	0.995-1.005

Analyst: DB

Date: 4/10/18

Client ID: Method Blank Filename: 180409E1 S:4 Acq:9-APR-18 20:49:06 ConCal: ST180409E1-1
Lab ID: B8D0041-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	*	*	n	NotFnd	1.06	*	
Total Di-PCB	5.81e+05	1.52	y	25:09	1.04	8.39715	
Total Tri-PCB	1.32e+05	1.00	y	25:46	1.15	2.09469	
Total Tri-PCB	*	*	n	NotFnd	1.05	*	Sum:2.09469
Total Tetra-PCB	*	*	n	NotFnd	1.06	*	
Total Penta-PCB	*	*	n	NotFnd	1.18	*	
Total Penta-PCB	*	*	n	NotFnd	1.12	*	Sum:0.00000
Total Hexa-PCB	*	*	n	NotFnd	0.91	*	
Total Hexa-PCB	*	*	n	NotFnd	1.00	*	Sum:0.00000
Total Hepta-PCB	*	*	n	NotFnd	1.35	*	
Total Octa-PCB	*	*	n	NotFnd	0.95	*	
Total Octa-PCB	3.18e+04	0.78	y	54:03	1.17	0.788375	Sum:0.788375
Total Nona-PCB	*	*	n	NotFnd	0.89	*	
Total Deca-PCB	*	*	n	NotFnd	1.04	*	

Total PCB Conc:20.3666080000

Integrations by Analyst: DB

Date: 4/10/18

Client ID: Method Blank Filename: 180409E1 S:4 Acq:9-APR-18 20:49:06 ConCal: ST180409E1-1
Lab ID: B8D0041-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	9.87e+07	3.17 y	1.13	15:59	0.618	0.616	0.622	1020	51.0
13C-PCB-3	1.02e+08	3.19 y	1.21	18:36	0.720	0.716	0.724	981	49.1
13C-PCB-4	6.64e+07	1.53 y	0.59	19:57	0.772	0.769	0.777	1310	65.3
13C-PCB-9	1.15e+08	1.50 y	0.94	21:45	0.841	0.837	0.845	1420	71.2
13C-PCB-11	1.24e+08	1.53 y	0.95	25:08	0.972	0.968	0.978	1530	76.7
13C-PCB-19	8.26e+07	1.05 y	0.62	24:06	0.932	0.928	0.938	1550	77.4
13C-PCB-28	1.19e+08	1.06 y	1.05	29:00	1.003	0.999	1.009	1430	71.7
13C-PCB-32	1.31e+08	1.06 y	0.91	27:02	1.046	1.041	1.051	1680	84.0
13C-PCB-37	1.27e+08	1.05 y	1.02	32:53	1.138	1.132	1.144	1570	78.3
13C-PCB-47	1.15e+08	0.80 y	0.83	31:55	0.870	0.867	0.875	1570	78.5
13C-PCB-52	1.08e+08	0.79 y	0.76	31:25	0.857	0.853	0.861	1610	80.6
13C-PCB-54	1.22e+08	0.79 y	0.93	27:52	0.760	0.756	0.764	1490	74.7
13C-PCB-70	1.45e+08	0.79 y	1.00	35:26	0.966	0.961	0.971	1650	82.7
13C-PCB-77	1.45e+08	0.80 y	0.96	39:33	1.079	1.073	1.083	1720	86.1
13C-PCB-80	1.41e+08	0.79 y	1.00	35:52	0.978	0.973	0.983	1620	80.9
13C-PCB-81	1.50e+08	0.78 y	1.01	38:57	1.062	1.057	1.067	1700	84.8
13C-PCB-95	9.17e+07	1.57 y	0.80	35:44	0.912	0.908	0.918	1710	85.6
13C-PCB-97	8.18e+07	1.60 y	0.70	38:43	0.989	0.984	0.994	1750	87.4
13C-PCB-101	9.16e+07	1.57 y	0.80	37:25	0.955	0.951	0.961	1710	85.6
13C-PCB-104	1.06e+08	1.57 y	1.01	32:34	0.831	0.828	0.836	1580	79.1
13C-PCB-105	9.85e+07	1.56 y	1.14	42:58	0.929	0.924	0.934	1630	81.6
13C-PCB-114	9.57e+07	1.60 y	1.18	42:07	0.910	0.905	0.915	1530	76.5
13C-PCB-118	1.07e+08	1.59 y	1.00	41:28	1.059	1.054	1.064	1620	80.8
13C-PCB-123	1.01e+08	1.55 y	0.95	41:17	1.054	1.049	1.059	1600	79.9
13C-PCB-126	1.01e+08	1.56 y	1.14	45:12	0.977	0.972	0.982	1680	84.2
13C-PCB-127	1.06e+08	1.57 y	1.24	43:19	0.936	0.931	0.941	1620	81.0
13C-PCB-138	1.05e+08	1.29 y	1.17	44:42	0.966	0.962	0.972	1700	84.9
13C-PCB-141	9.91e+07	1.28 y	1.11	43:53	0.948	0.944	0.954	1690	84.6
13C-PCB-153	1.10e+08	1.25 y	1.34	43:09	0.933	0.928	0.938	1560	77.8
13C-PCB-155	1.04e+08	1.27 y	0.83	36:58	0.944	0.939	0.949	1880	94.1
13C-PCB-156	1.31e+08	1.28 y	1.38	47:58	1.037	1.032	1.042	1790	89.4
13C-PCB-157	1.30e+08	1.27 y	1.37	48:14	1.043	1.037	1.047	1790	89.5
13C-PCB-159	1.25e+08	1.28 y	1.39	46:00	0.994	0.989	0.999	1710	85.5
13C-PCB-167	1.28e+08	1.27 y	1.40	46:41	1.009	1.004	1.014	1730	86.6
13C-PCB-169	1.33e+08	1.26 y	1.39	50:27	1.090	1.085	1.095	1800	90.2
13C-PCB-170	6.13e+07	0.47 y	0.86	50:51	1.103	1.097	1.109	1820	91.2
13C-PCB-180	6.86e+07	0.46 y	0.98	49:15	1.068	1.064	1.074	1790	89.6
13C-PCB-188	8.40e+07	0.45 y	1.40	42:46	0.928	0.923	0.933	1530	76.7
13C-PCB-189	8.39e+07	0.45 y	1.15	52:28	1.138	1.132	1.144	1860	93.2
13C-PCB-194	6.97e+07	0.90 y	0.77	54:03	0.995	0.990	1.000	1700	85.1
13C-PCB-202	1.00e+08	0.90 y	1.28	48:11	1.045	1.040	1.050	1990	99.6
13C-PCB-206	8.42e+07	0.79 y	0.81	55:36	1.024	1.019	1.029	1960	98.0
13C-PCB-208	1.00e+08	0.78 y	1.09	53:18	0.981	0.977	0.987	1730	86.4
13C-PCB-209	8.86e+07	1.22 y	0.74	56:55	1.048	1.043	1.053	2270	113

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.85e+08	0.79 y	1.03	37:45	1.030	1.024	1.034	2040	102
13C-PCB-178	7.84e+07	0.46 y	0.93	45:33	0.985	0.980	0.990	2160	108

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.85e+08	0.79 y	1.03	37:45	0.969	0.963	0.973	2400	120
13C-PCB-178	7.84e+07	0.46 y	0.95	45:33	0.925	0.920	0.930	2400	120

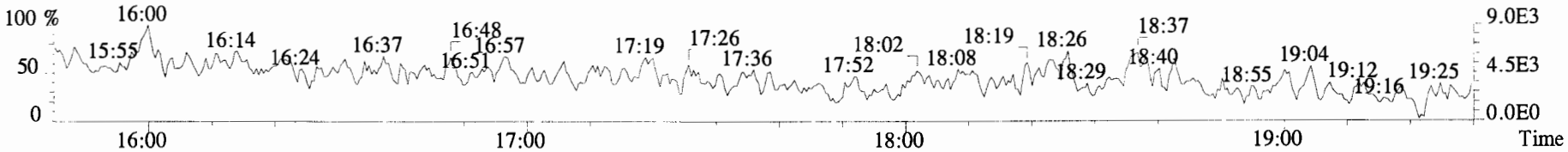
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.71e+08	1.53 y	1.00	25:51	2000
13C-PCB-31	1.59e+08	1.03 y	1.00	28:54	2000
13C-PCB-60	1.75e+08	0.79 y	1.00	36:40	2000
13C-PCB-111	1.33e+08	1.58 y	1.00	39:10	2000
13C-PCB-128	1.06e+08	1.29 y	1.00	46:16	2000
13C-PCB-182	7.84e+07	0.47 y	1.00	46:06	2000
13C-PCB-205	1.06e+08	0.90 y	1.00	54:19	2000

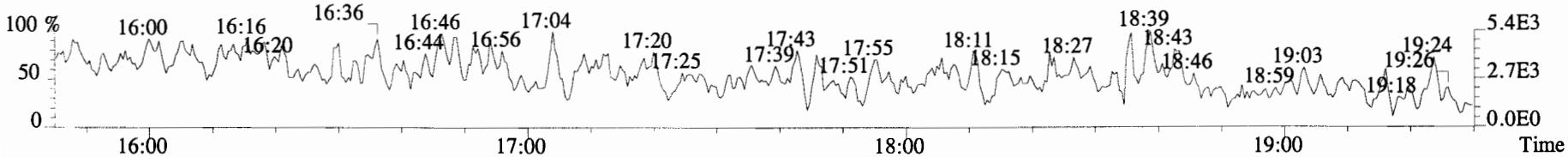
Analyst: DB

Date: 4/10/18

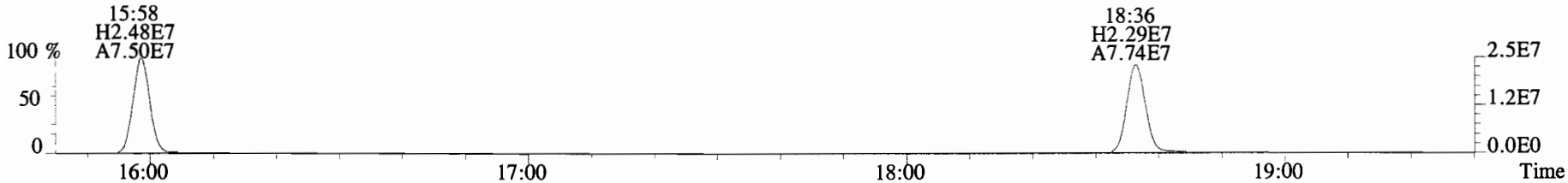
File:180409E1 #1-867 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4856.0,0.00%,F,F)



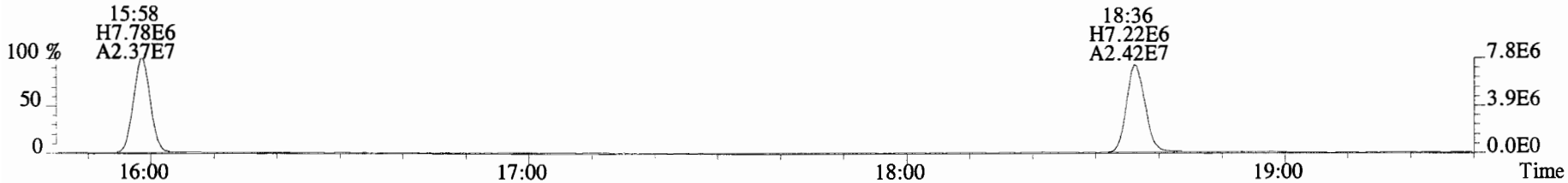
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3520.0,0.00%,F,F)



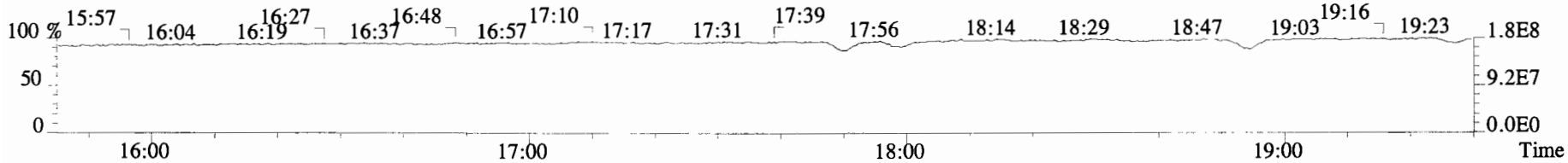
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7164.0,0.00%,F,F)



202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45816.0,0.00%,F,F)

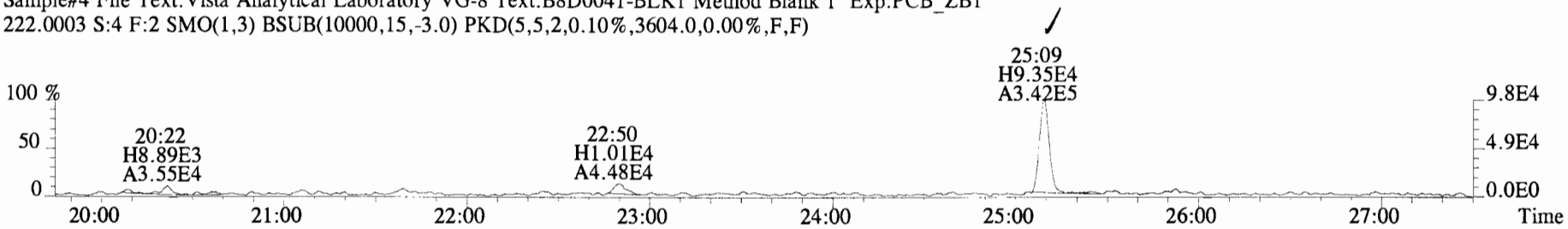


180.9880 S:4

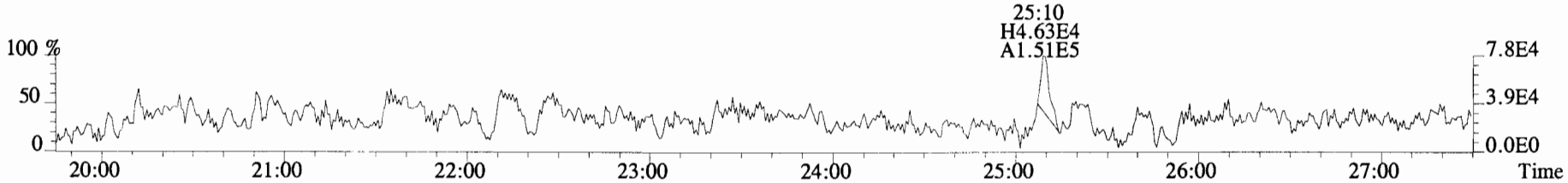


File:180409E1 #1-757 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

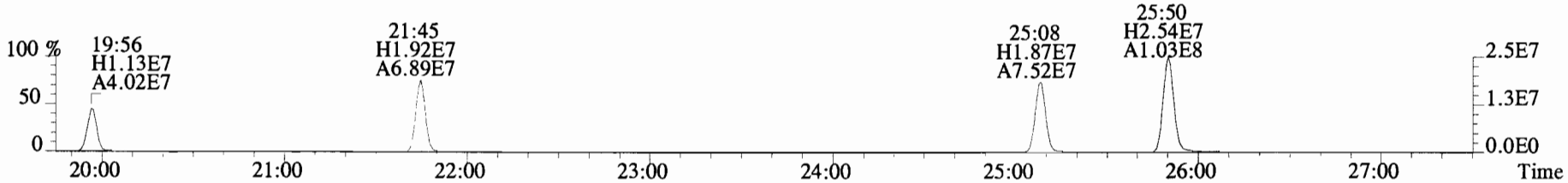
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3604.0,0.00%,F,F)



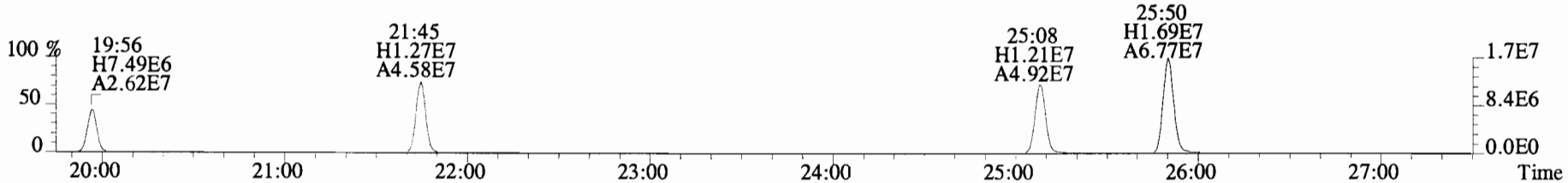
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33980.0,0.00%,F,F)



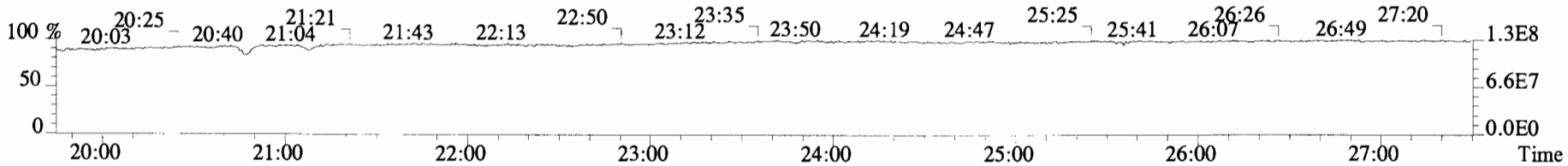
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4464.0,0.00%,F,F)



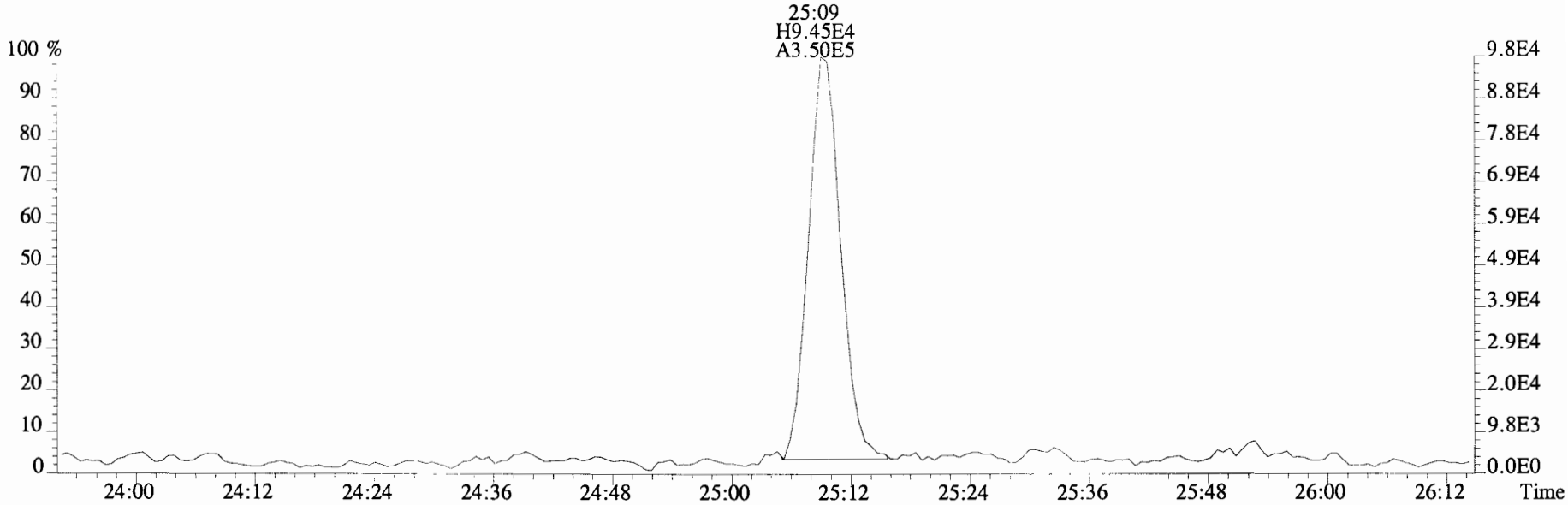
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7016.0,0.00%,F,F)



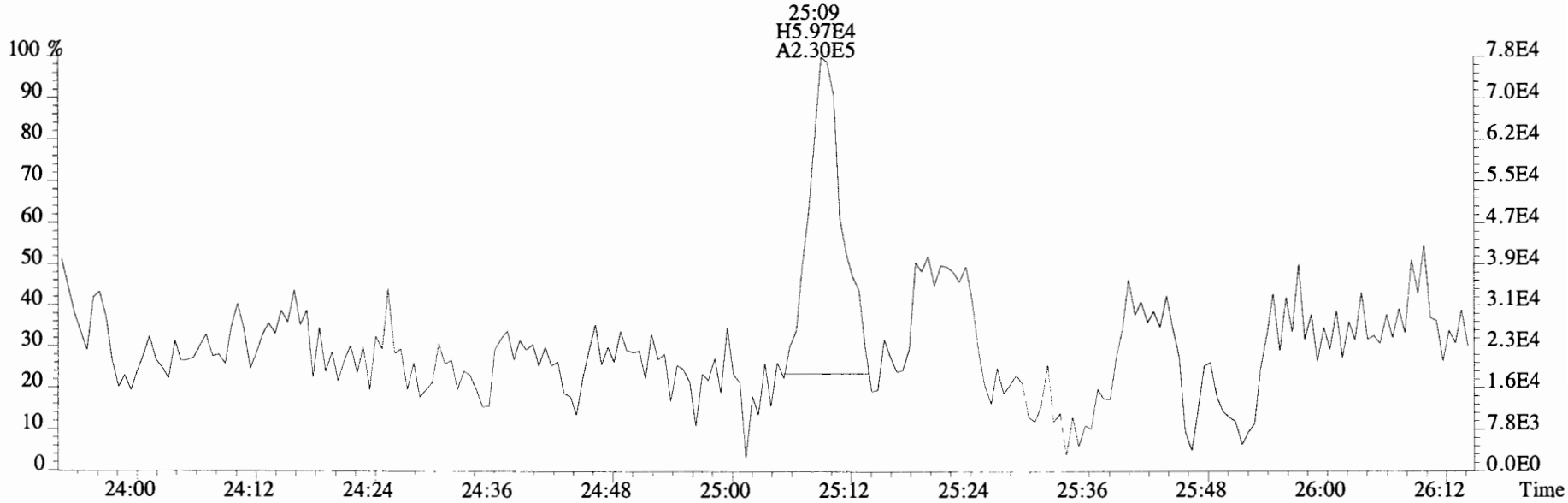
230.9856 S:4 F:2



File:180409E1 #1-757 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3604.0,0.00%,F,F)

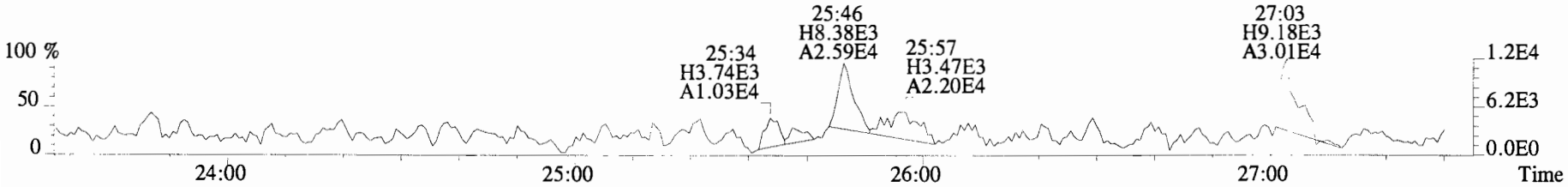


223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33980.0,0.00%,F,F)

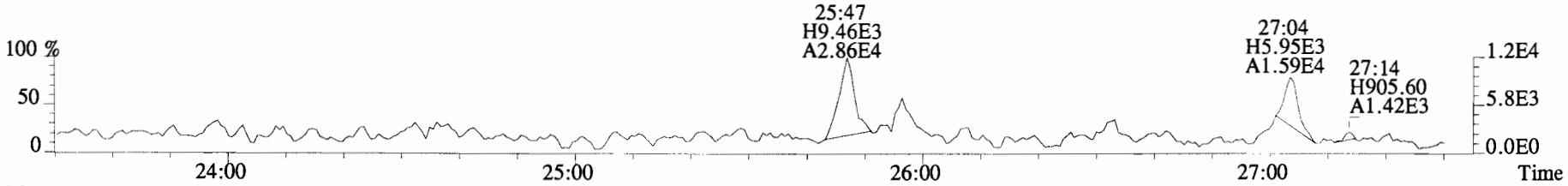


File:180409E1 #1-757 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

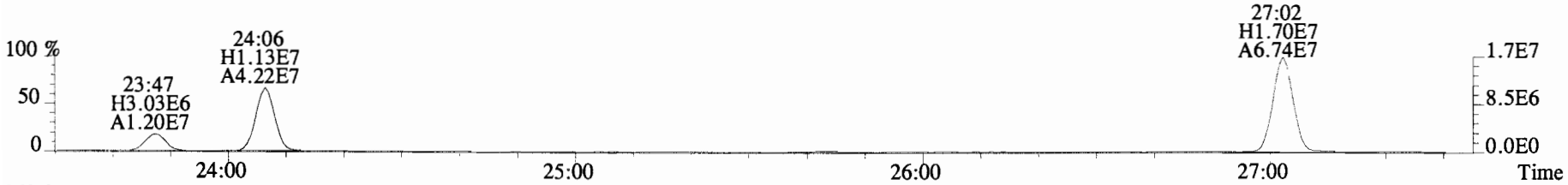
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



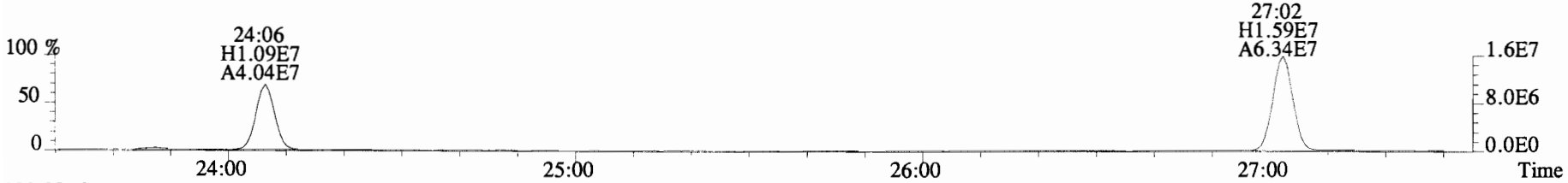
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2480.0,0.00%,F,F)



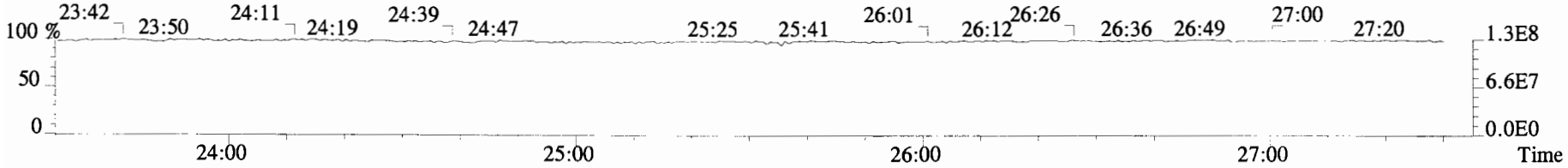
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,102388.0,0.00%,F,F)



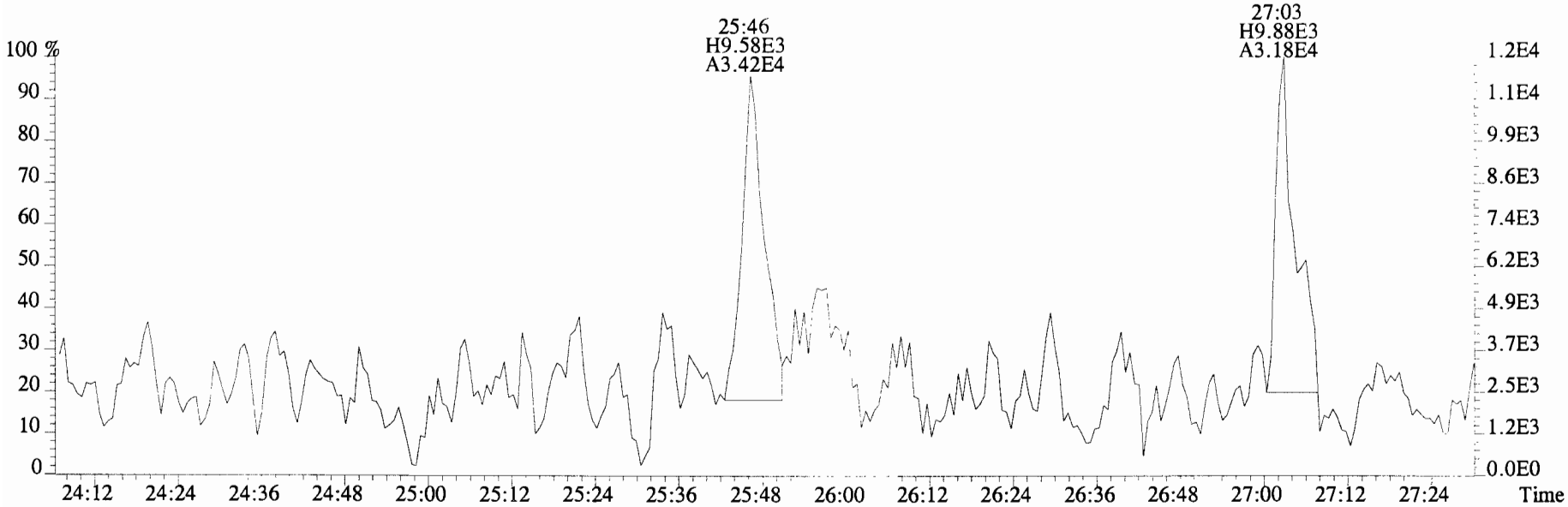
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99572.0,0.00%,F,F)



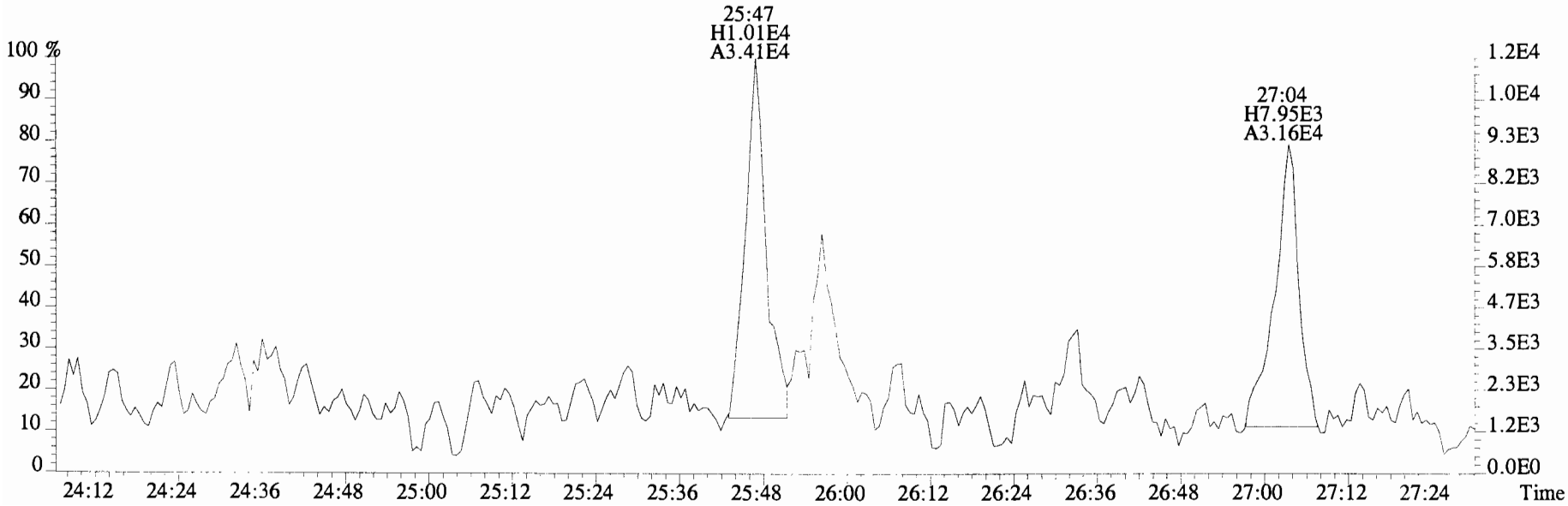
230.9856 S:4 F:2



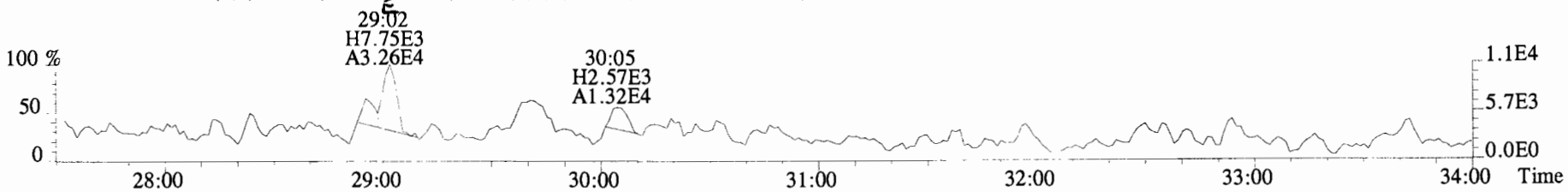
File:180409E1 #1-757 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3144.0,0.00%,F,F)



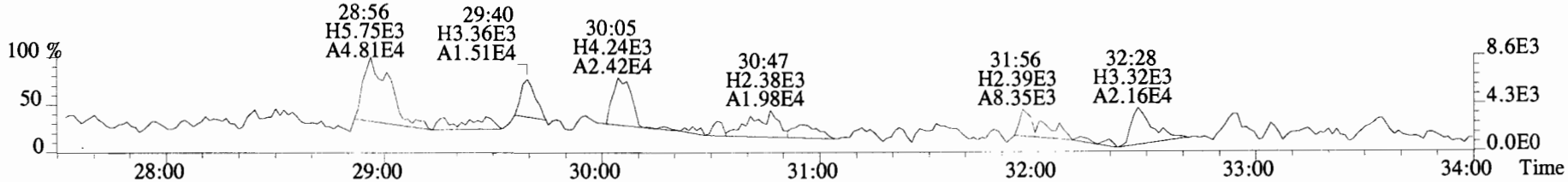
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2480.0,0.00%,F,F)



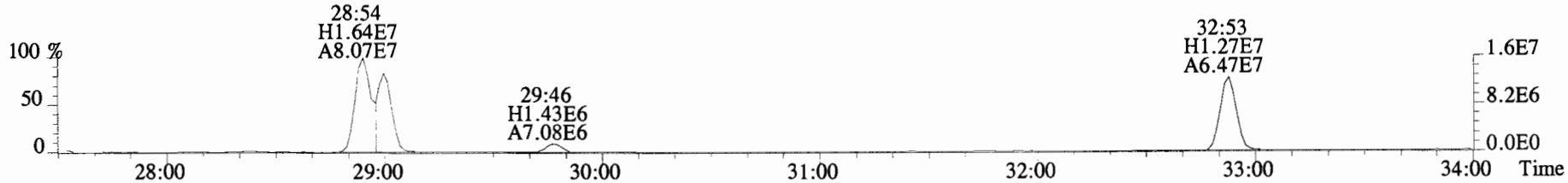
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UitimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



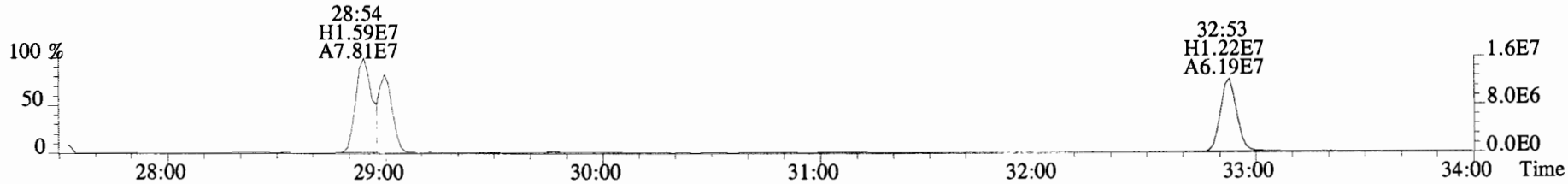
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2708.0,0.00%,F,F)



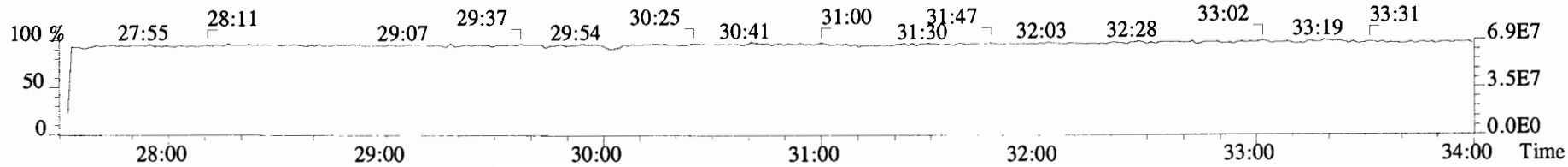
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,132284.0,0.00%,F,F)



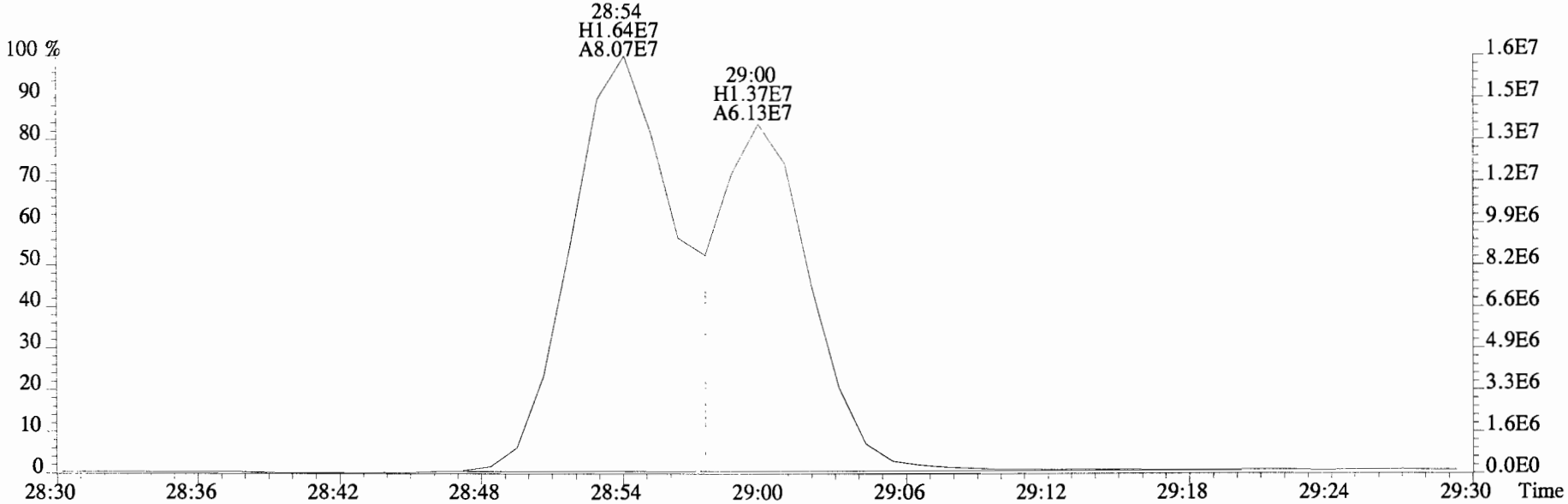
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103596.0,0.00%,F,F)



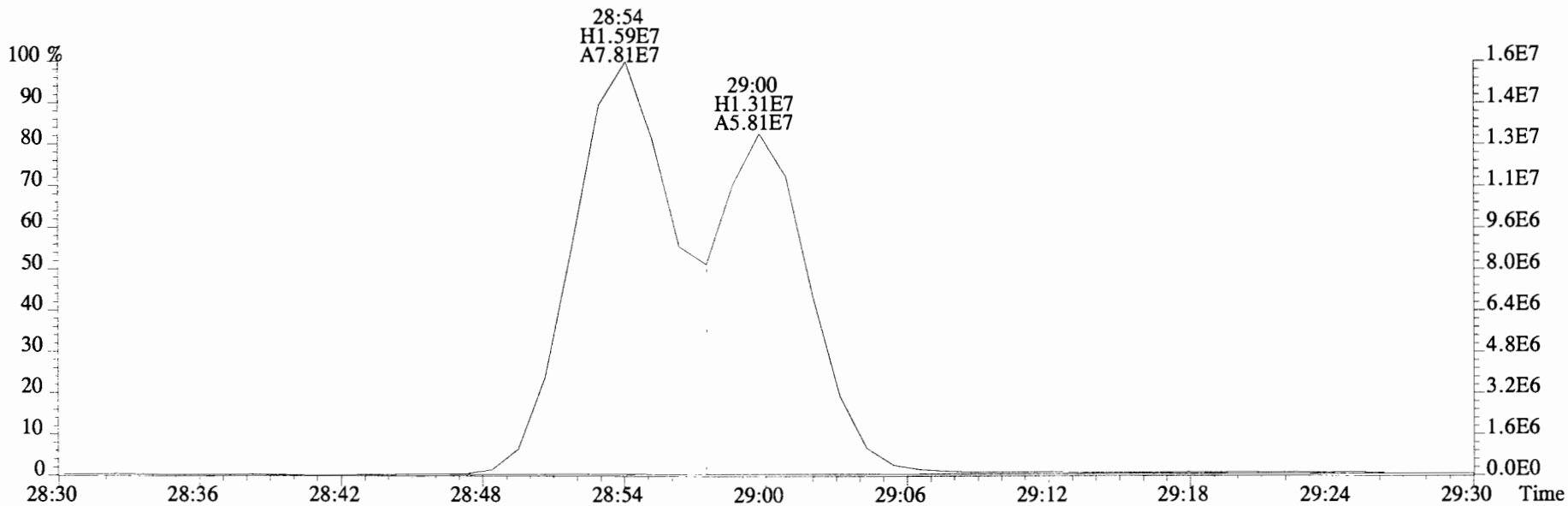
330.9792 S:4 F:3



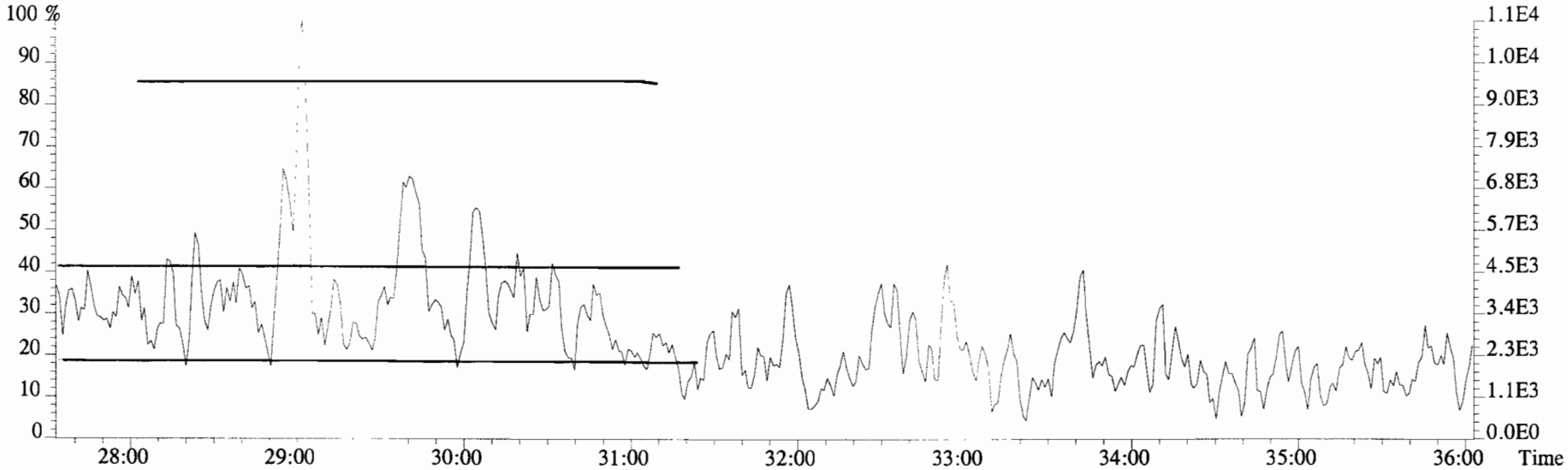
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,132284.0,0.00%,F,F)



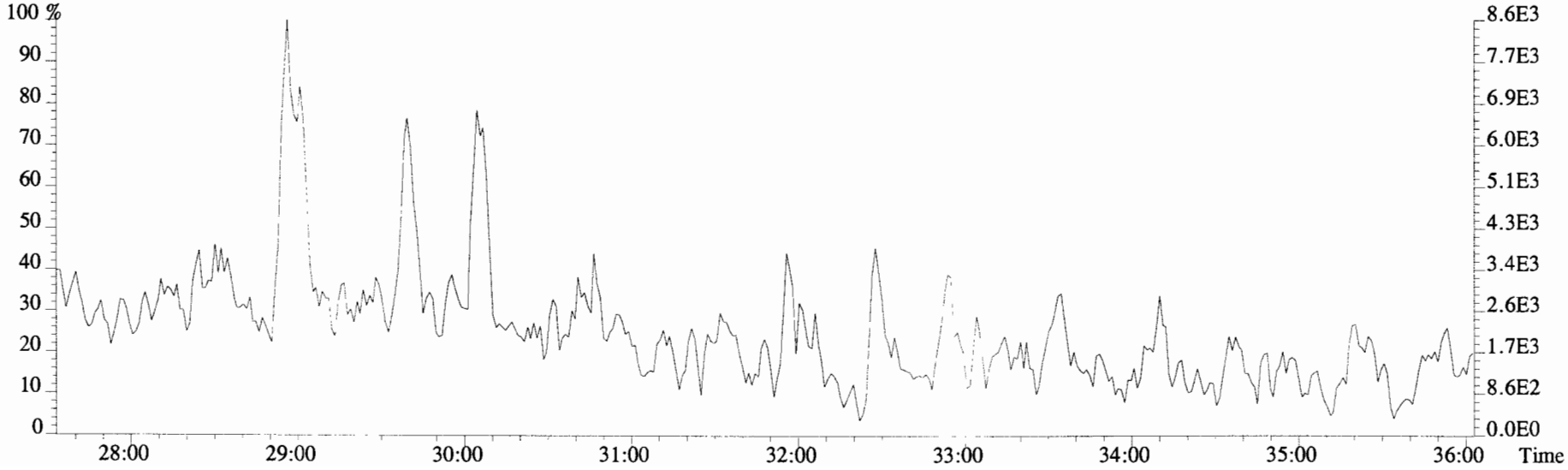
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103596.0,0.00%,F,F)



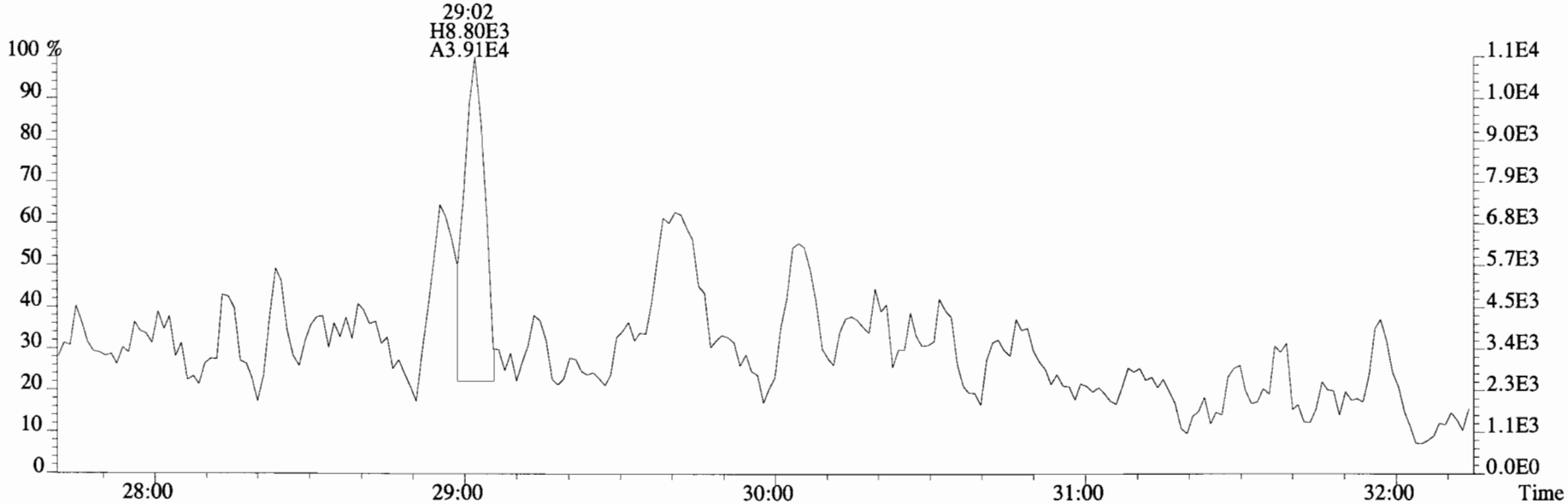
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



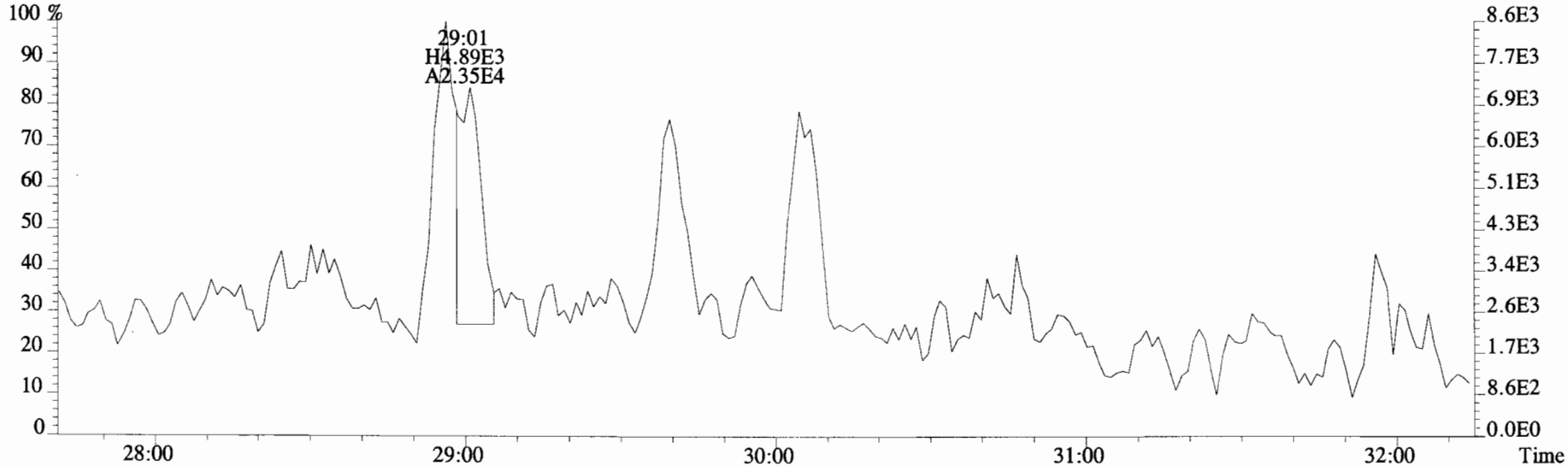
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2708.0,0.00%,F,F)



File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)

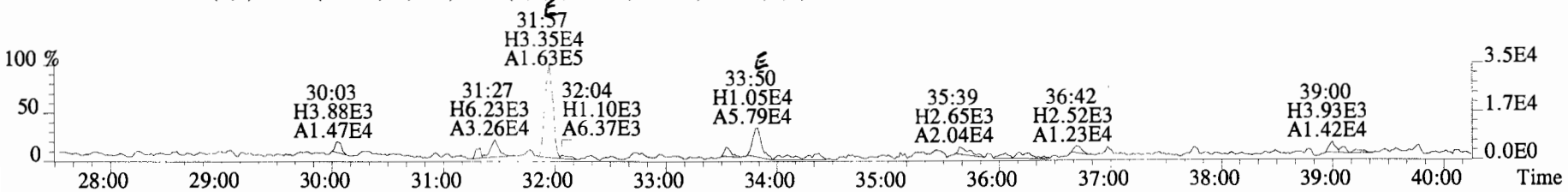


257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2708.0,0.00%,F,F)

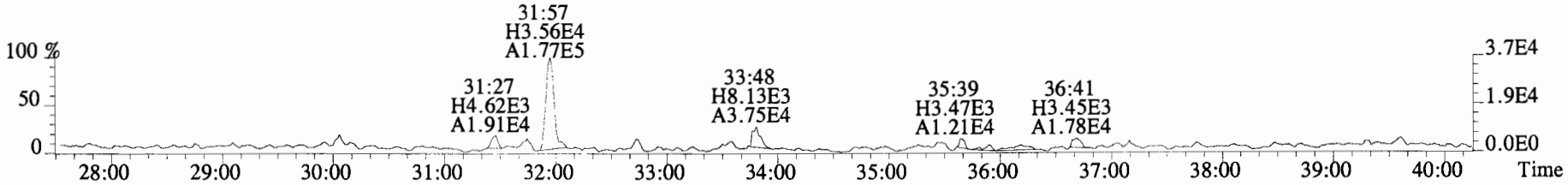


File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

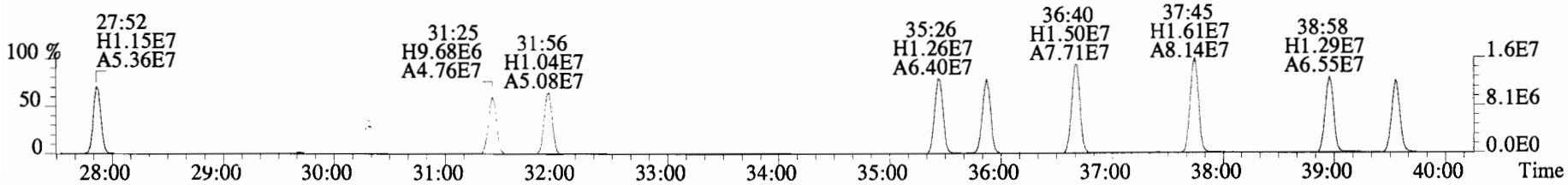
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2932.0,0.00%,F,F)



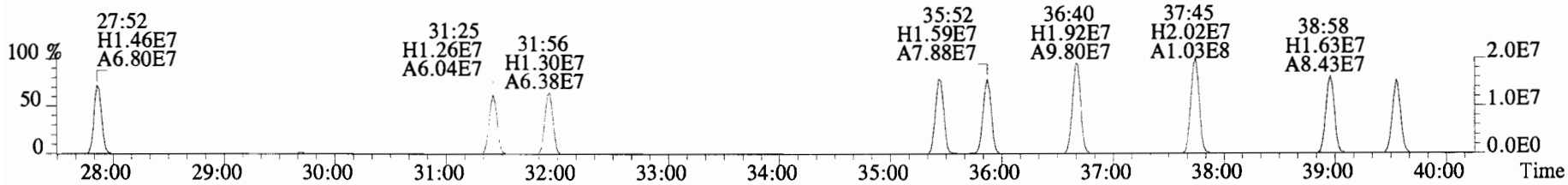
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



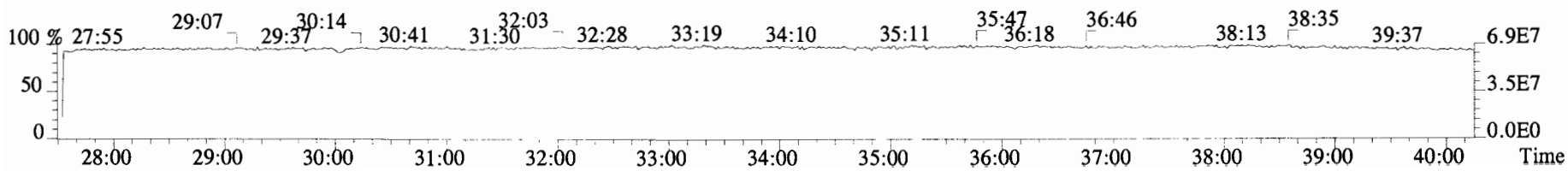
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28996.0,0.00%,F,F)



303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17332.0,0.00%,F,F)

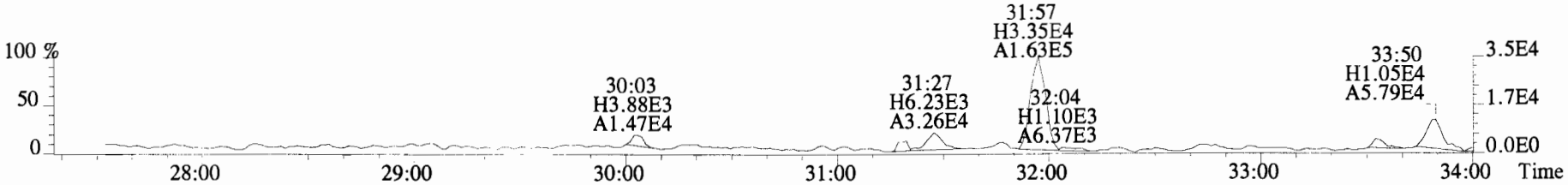


330.9792 S:4 F:3

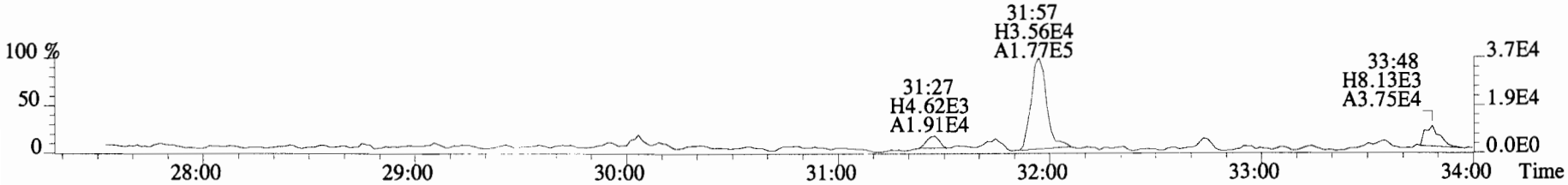


File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

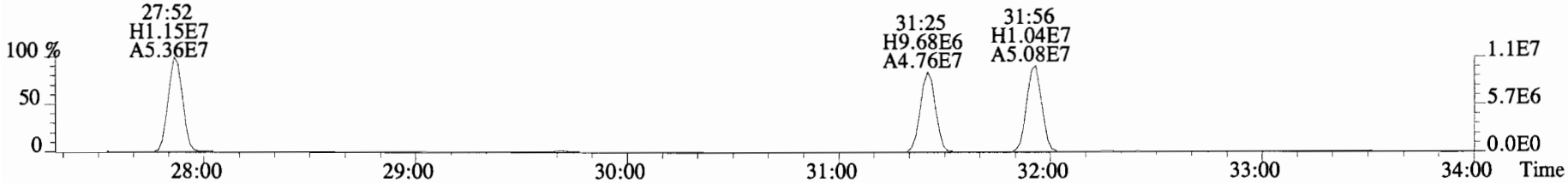
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2932.0,0.00%,F,F)



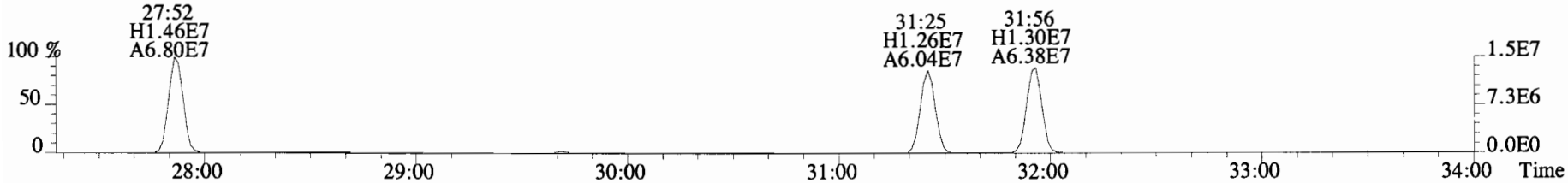
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



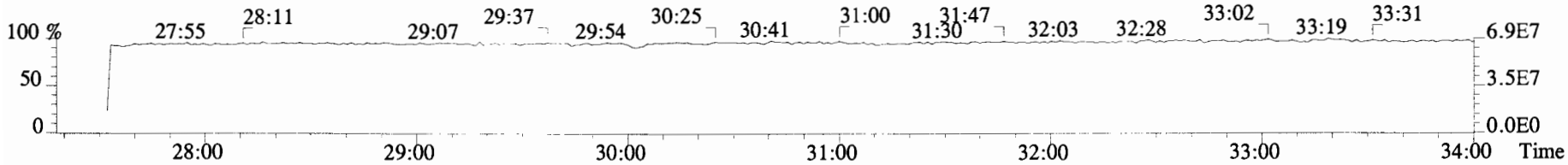
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28996.0,0.00%,F,F)



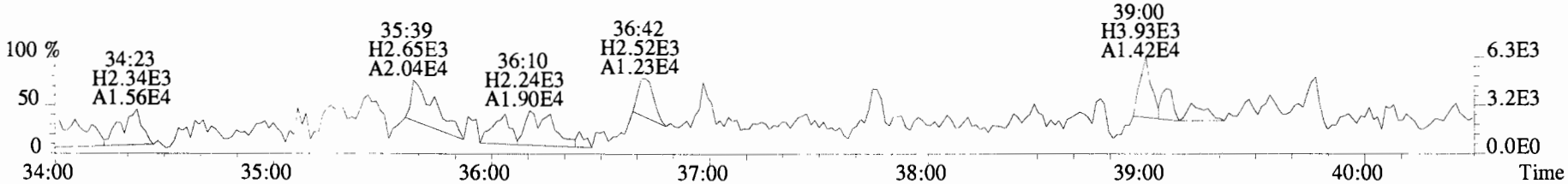
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17332.0,0.00%,F,F)



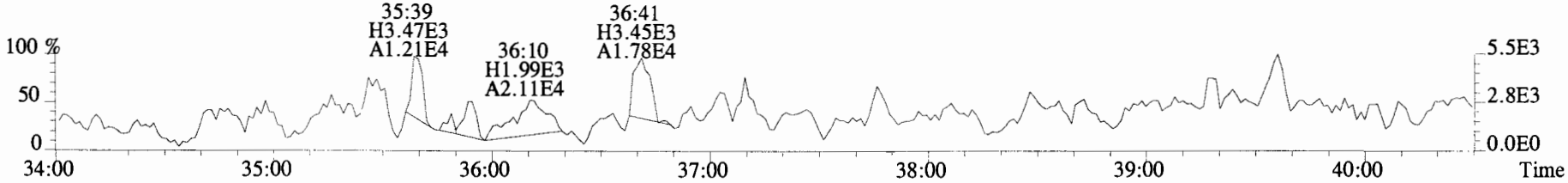
330.9792 S:4 F:3



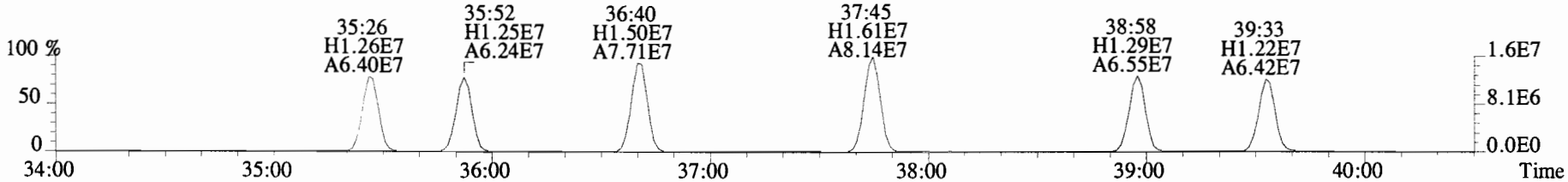
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2932.0,0.00%,F,F)



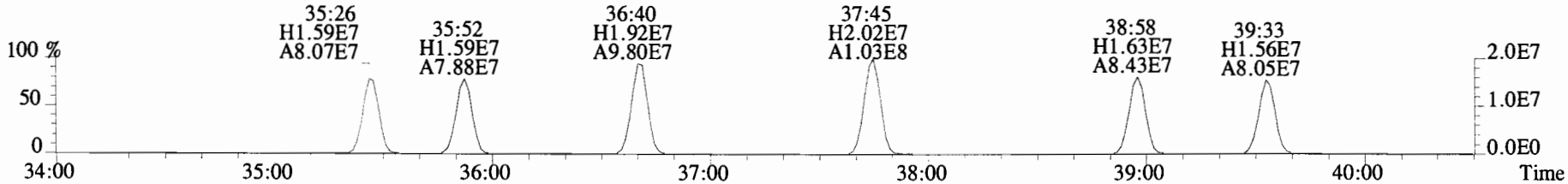
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



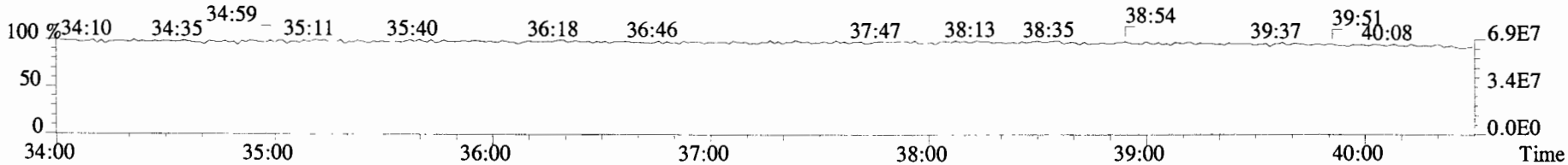
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28996.0,0.00%,F,F)



303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17332.0,0.00%,F,F)

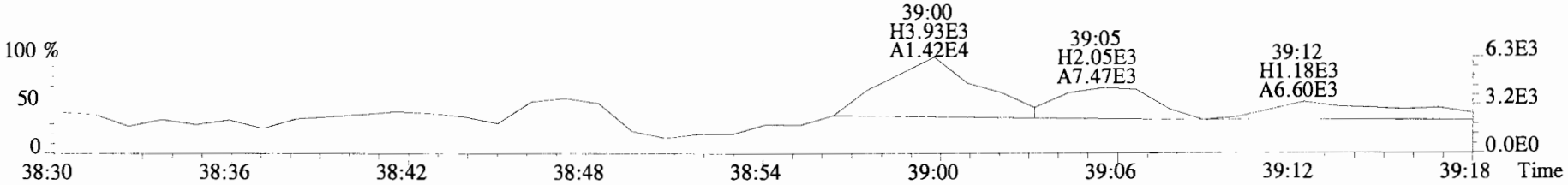


330.9792 S:4 F:3

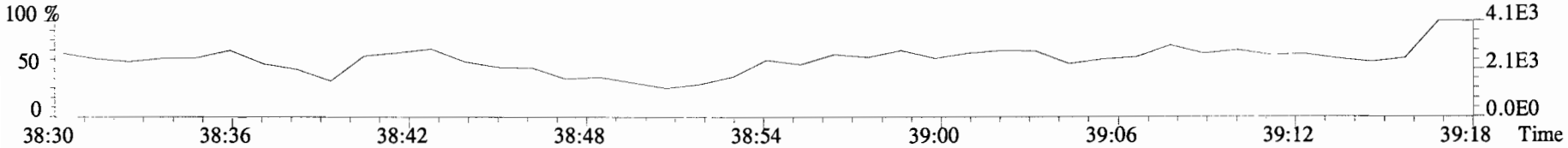


File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

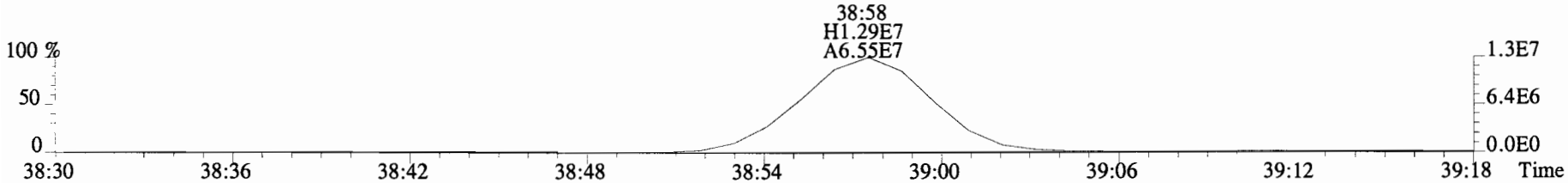
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2932.0,0.00%,F,F)



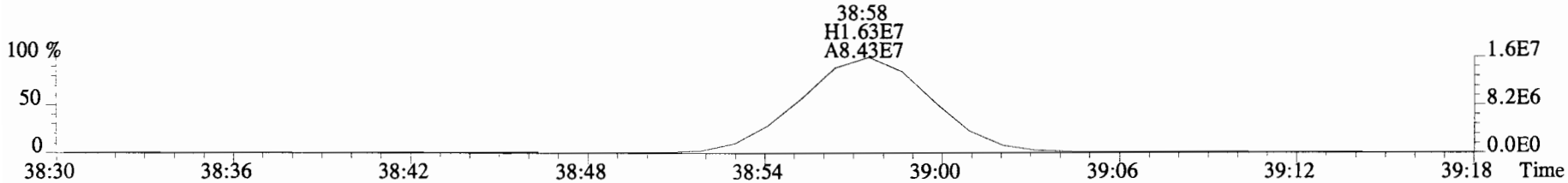
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



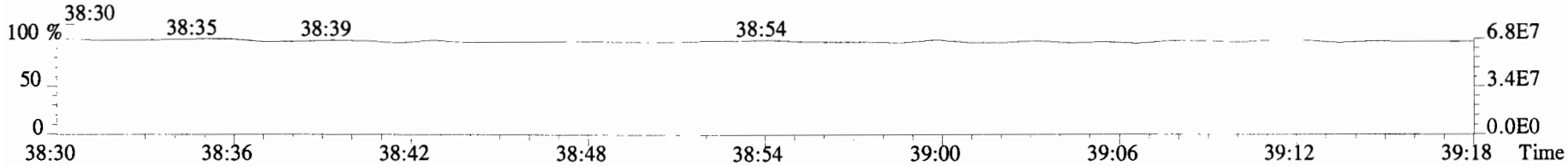
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28996.0,0.00%,F,F)



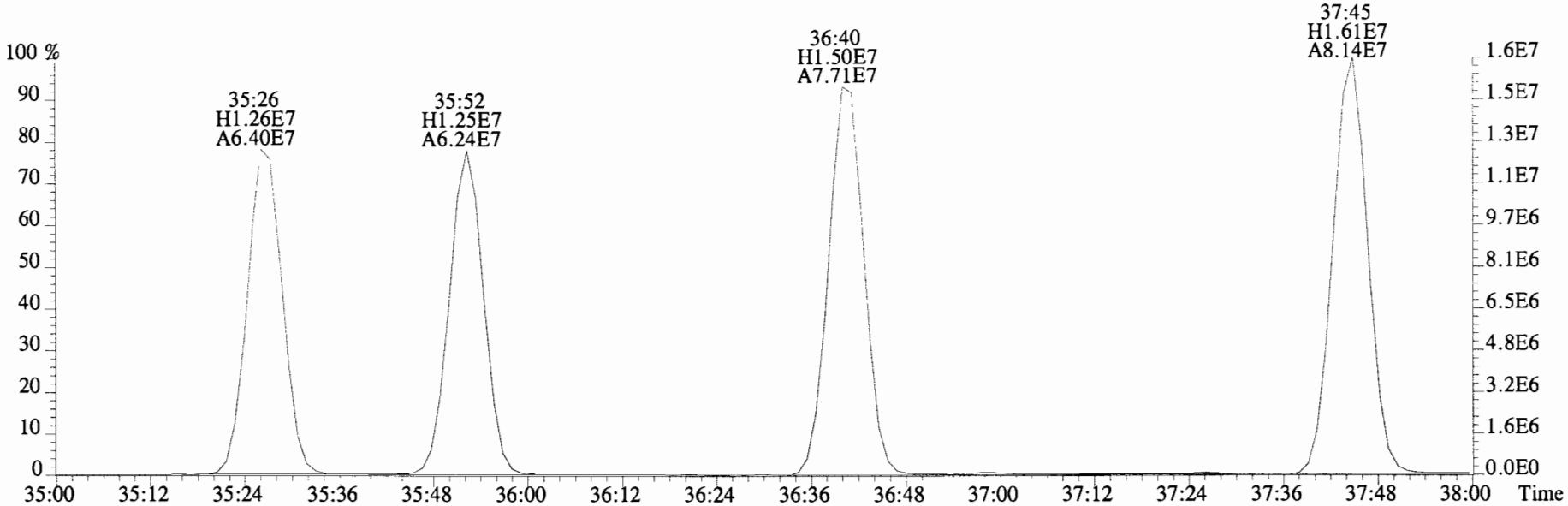
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17332.0,0.00%,F,F)



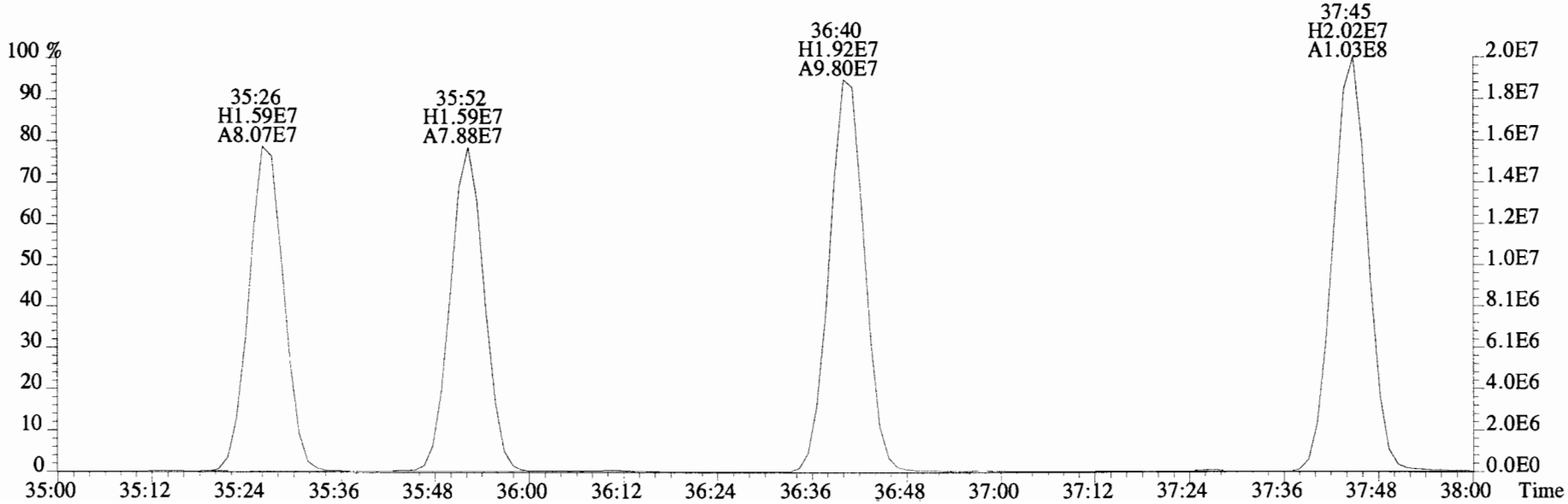
330.9792 S:4 F:3



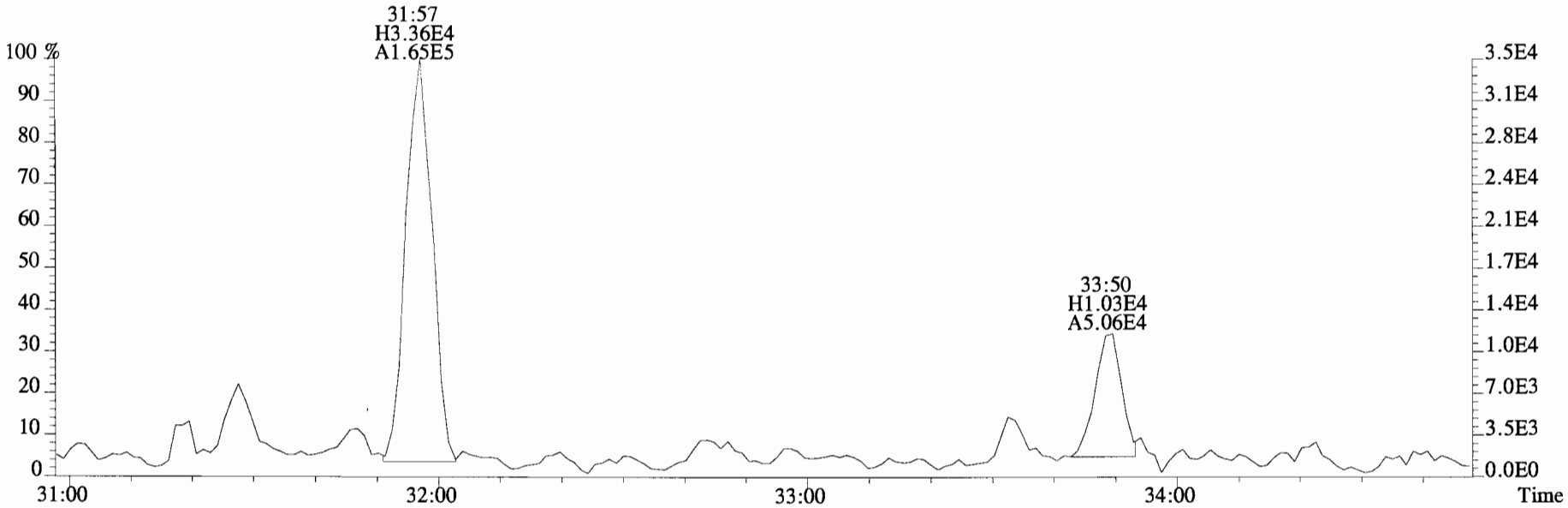
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28996.0,0.00%,F,F)



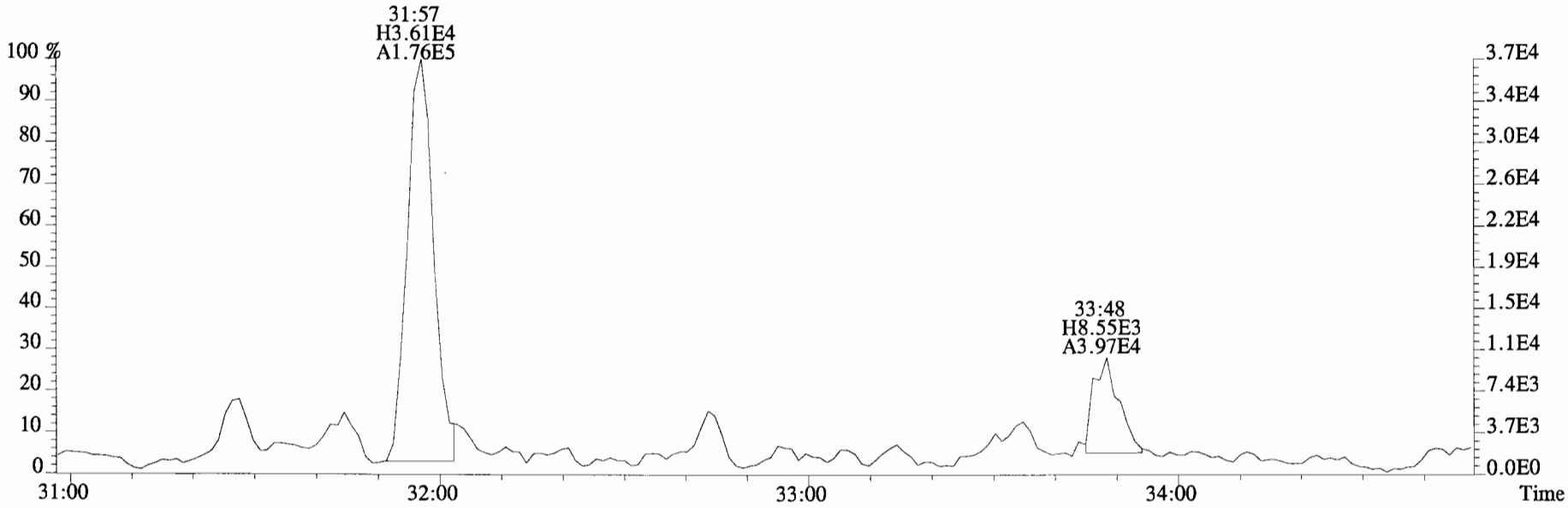
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17332.0,0.00%,F,F)



File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2932.0,0.00%,F,F)

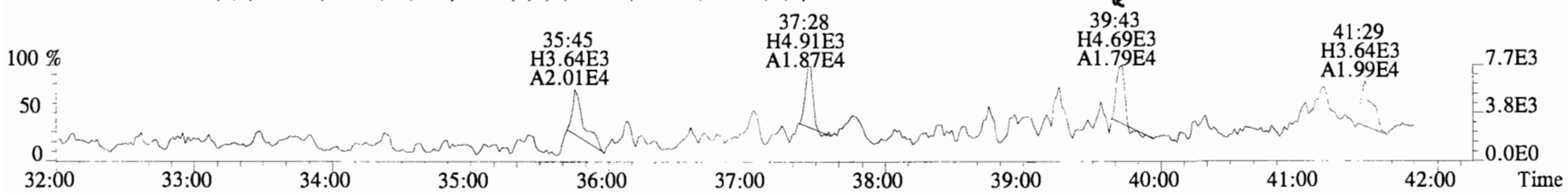


291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)

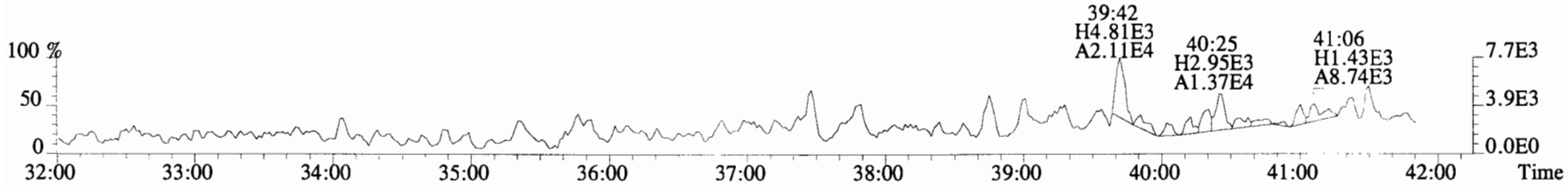


File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

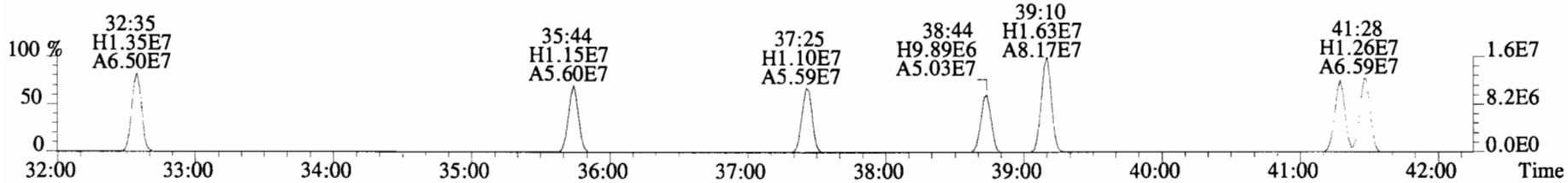
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



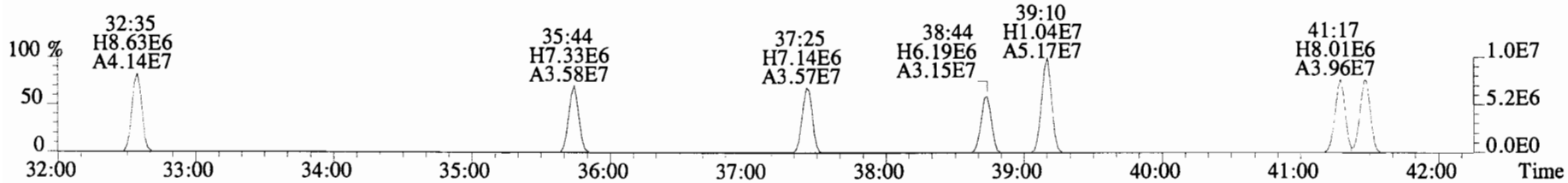
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



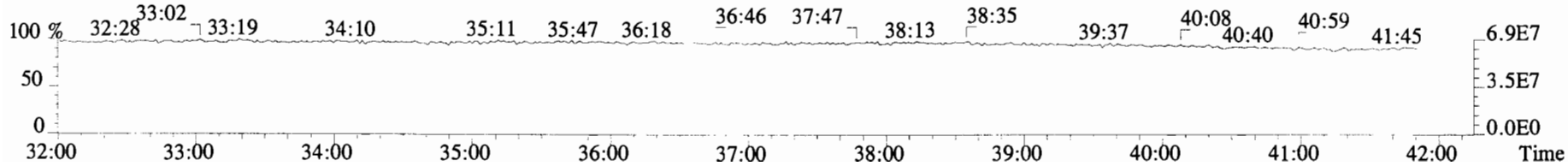
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4316.0,0.00%,F,F)



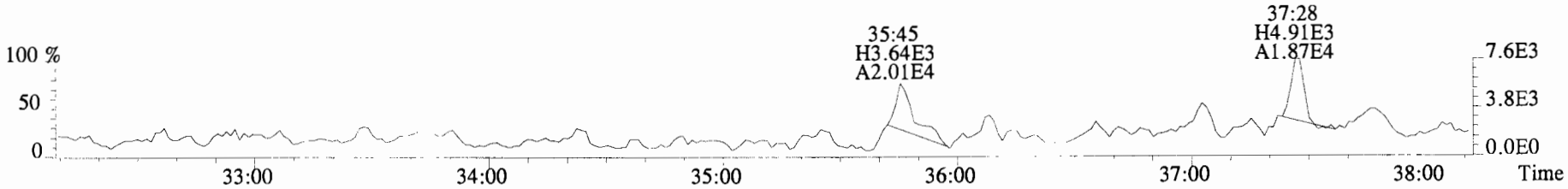
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4296.0,0.00%,F,F)



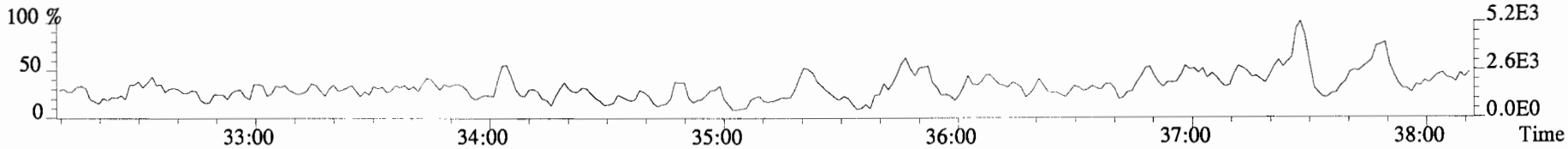
330.9792 S:4 F:3



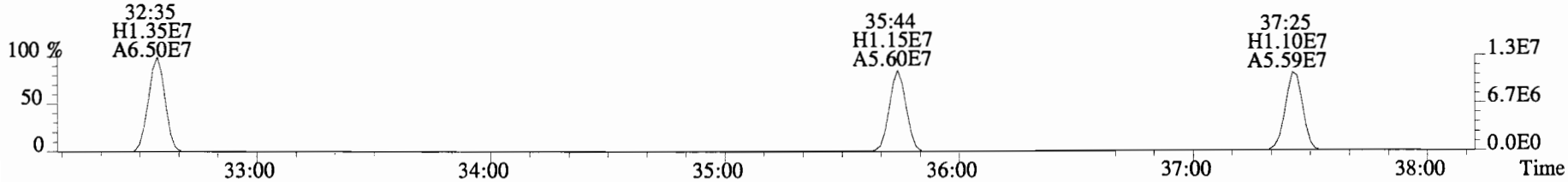
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



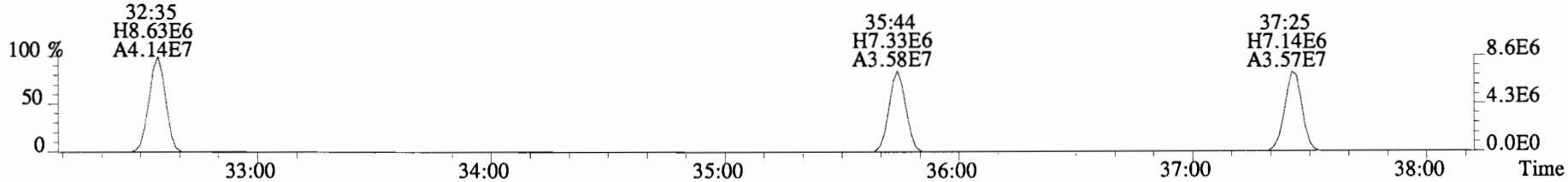
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



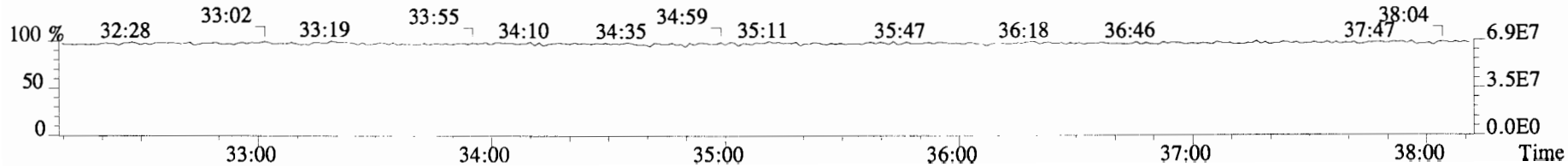
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4316.0,0.00%,F,F)



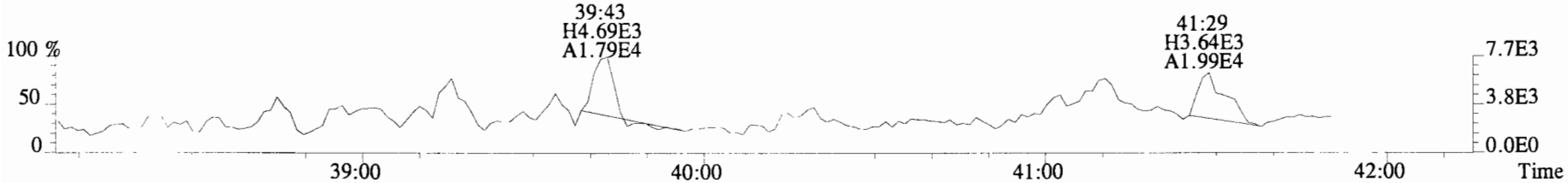
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4296.0,0.00%,F,F)



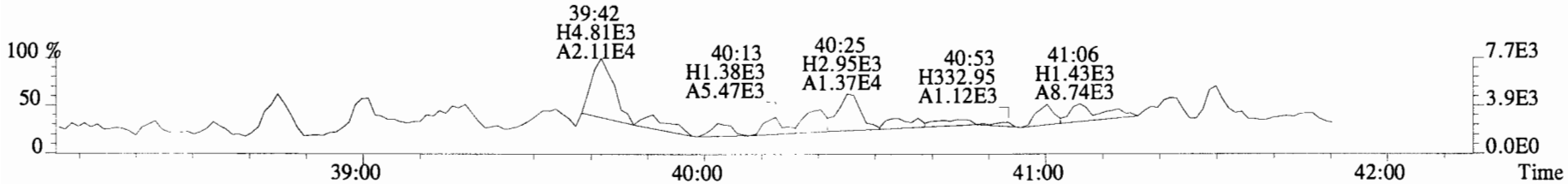
330.9792 S:4 F:3



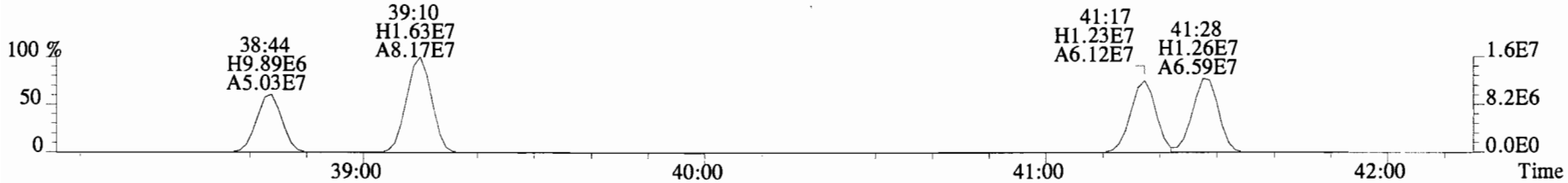
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



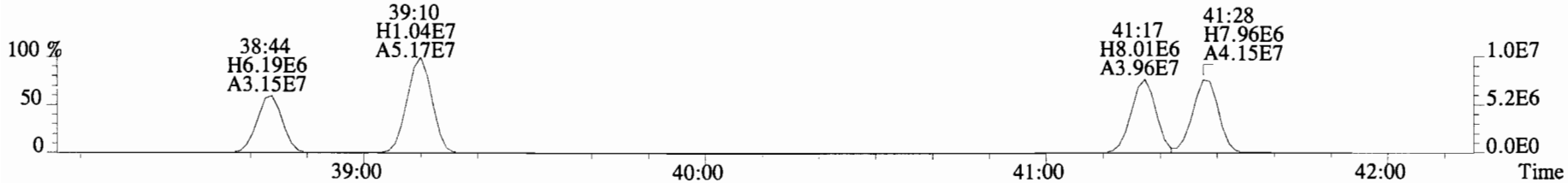
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



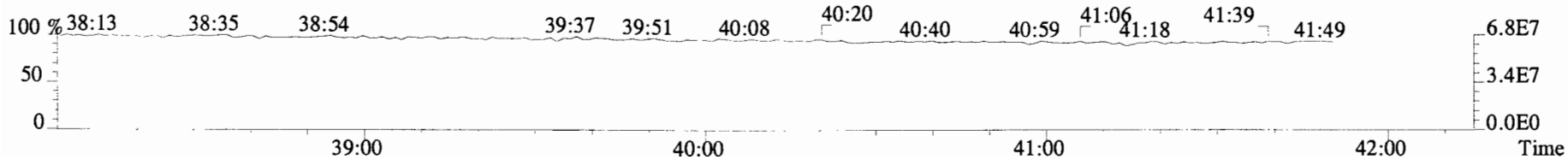
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4316.0,0.00%,F,F)



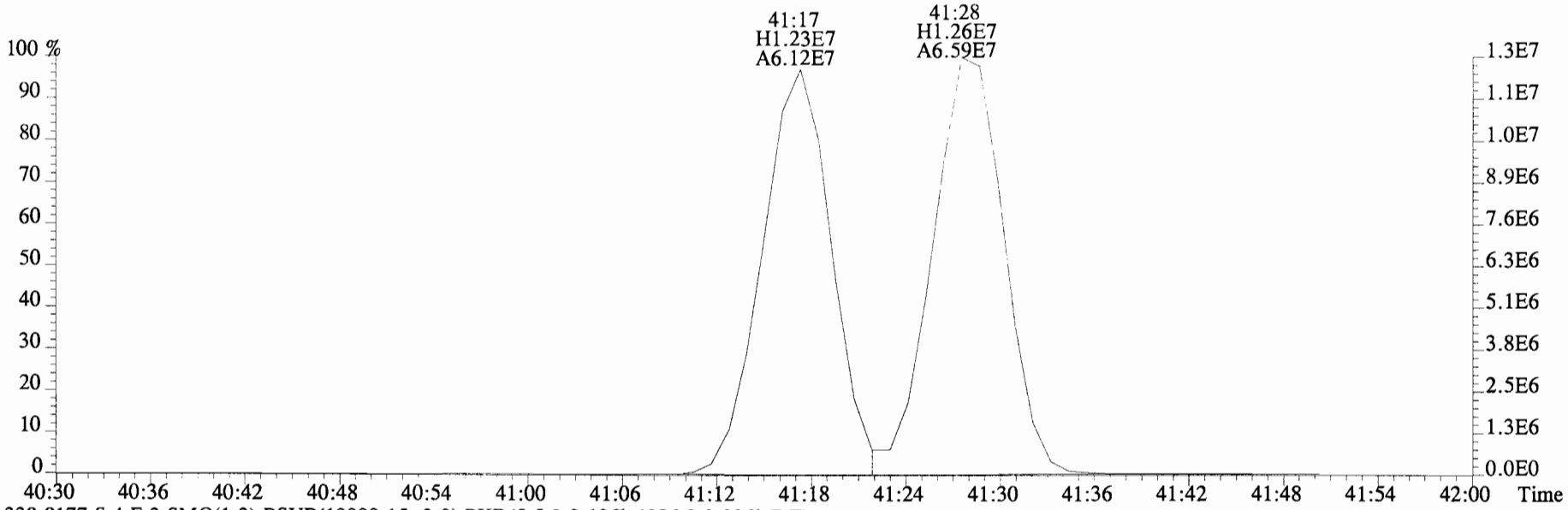
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4296.0,0.00%,F,F)



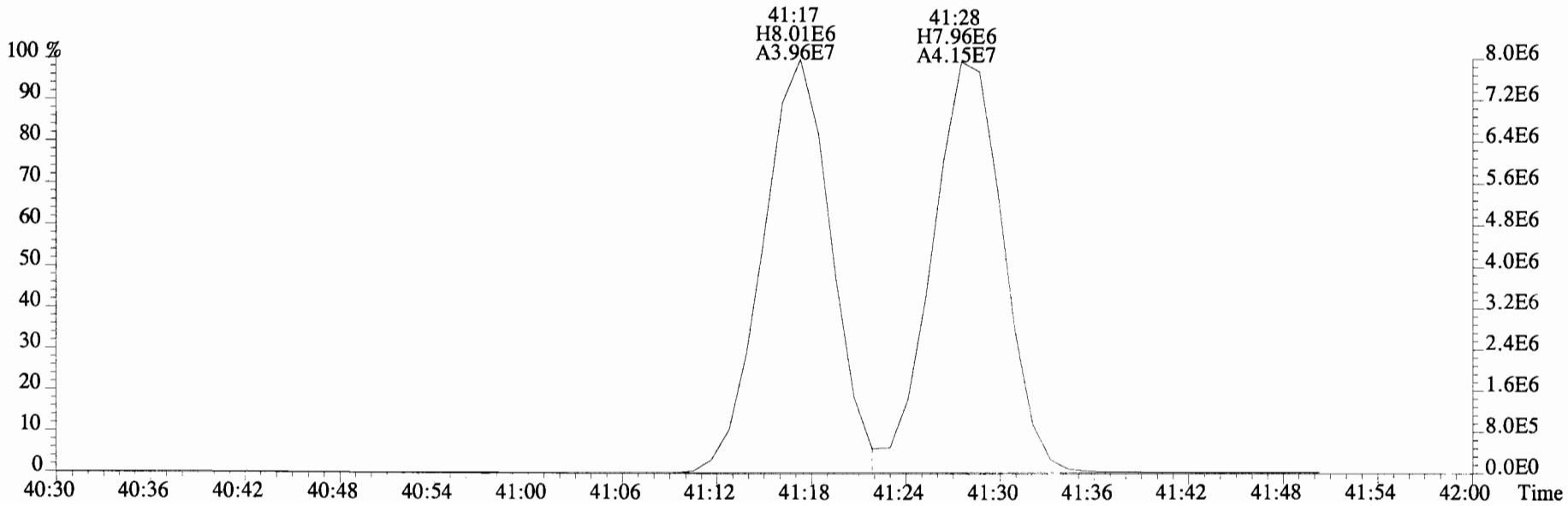
330.9792 S:4 F:3



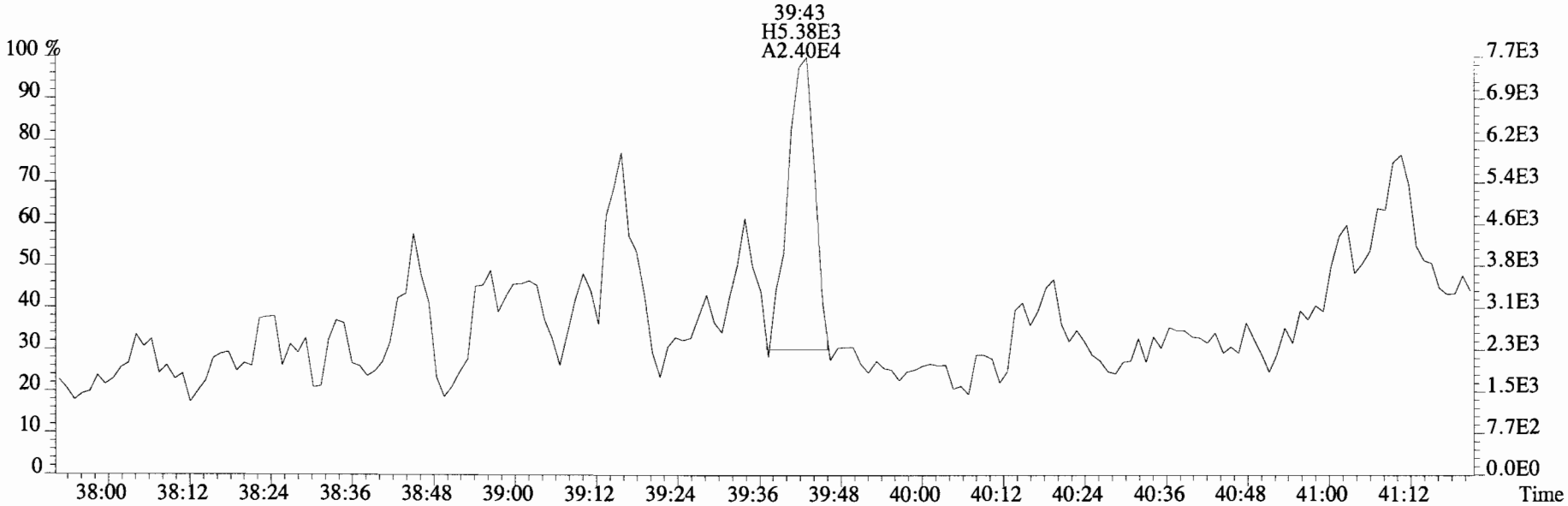
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4316.0,0.00%,F,F)



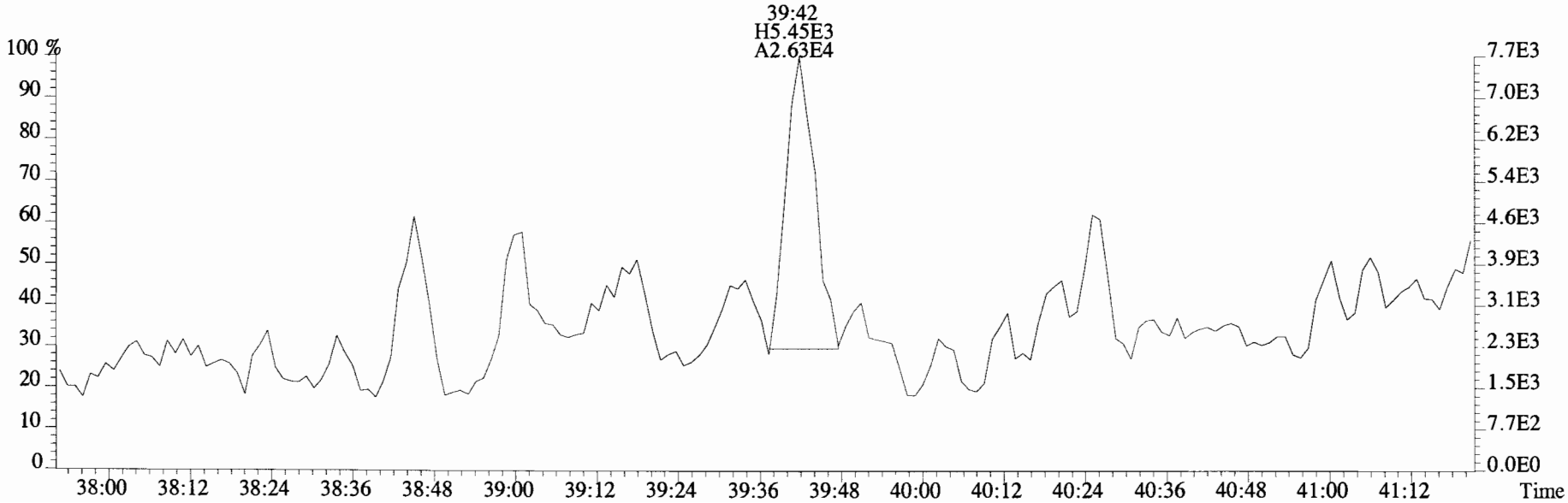
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4296.0,0.00%,F,F)



File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)

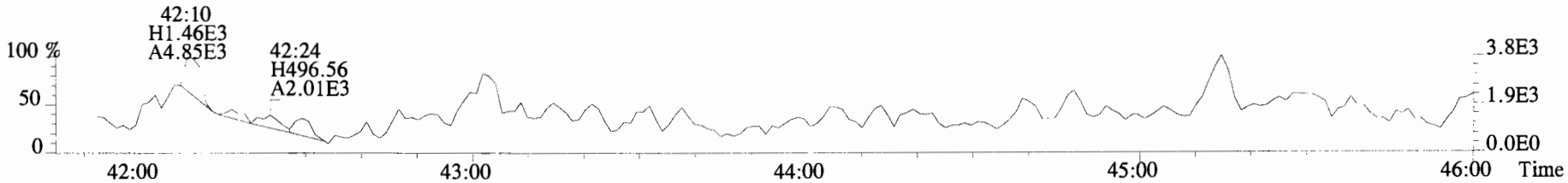


327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)

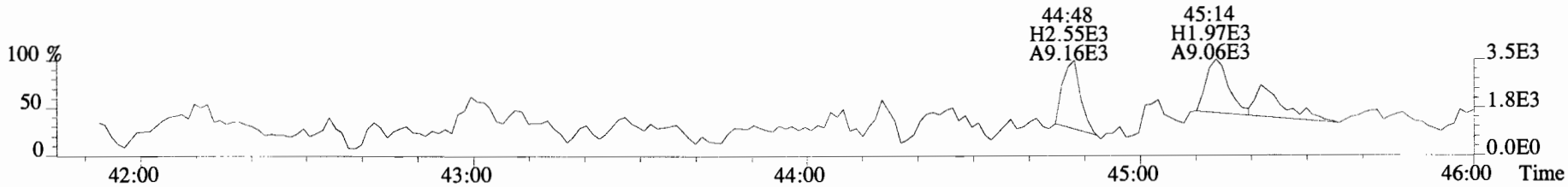


File:180409E1 #1-574 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

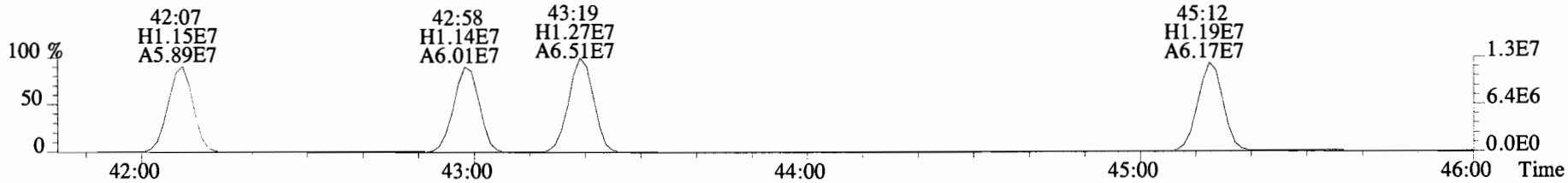
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



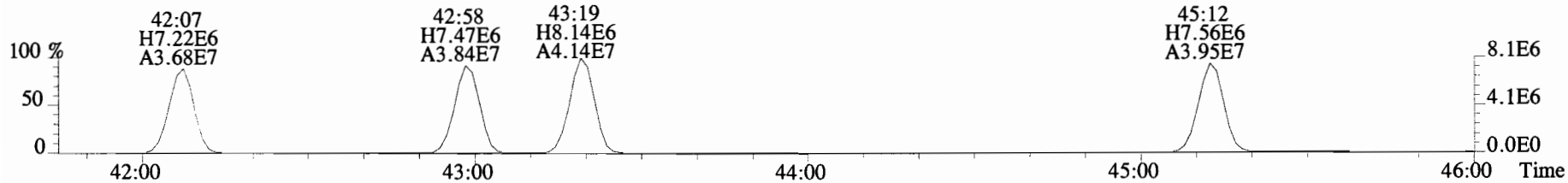
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



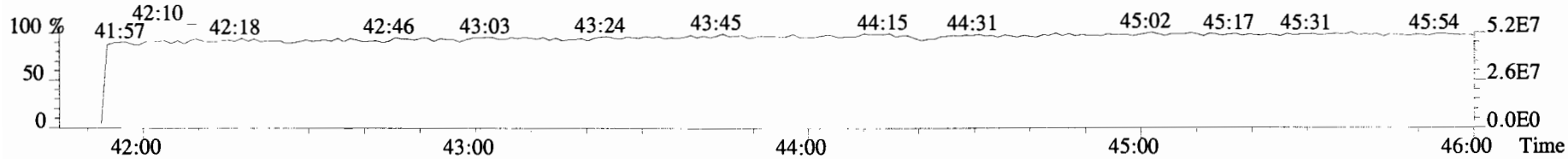
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7072.0,0.00%,F,F)



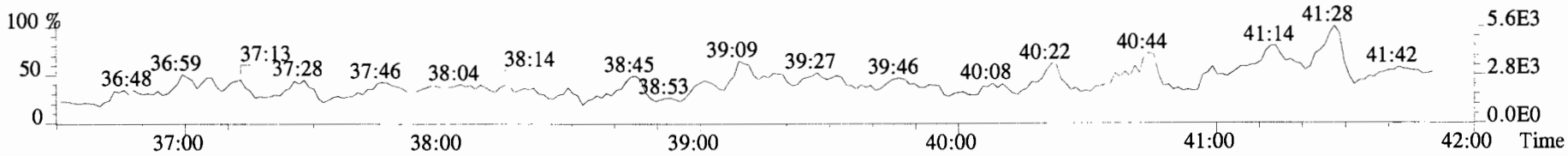
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4600.0,0.00%,F,F)



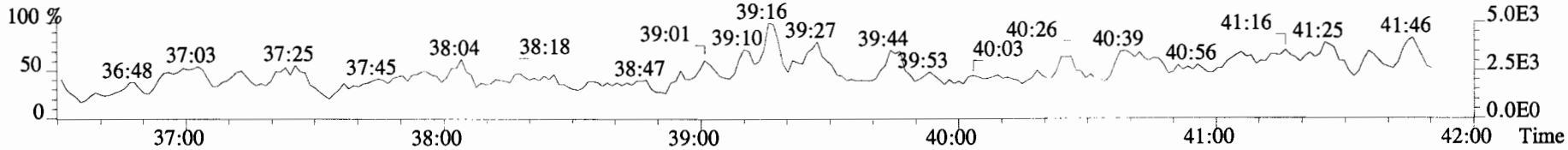
380.9760 S:4 F:4



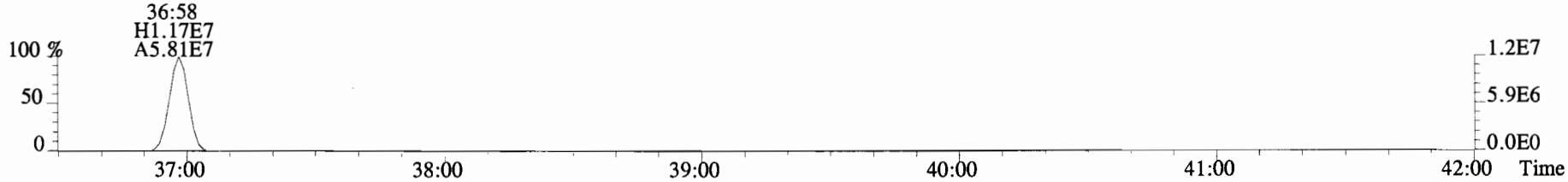
File:180409E1 #1-756 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2632.0,0.00%,F,F)



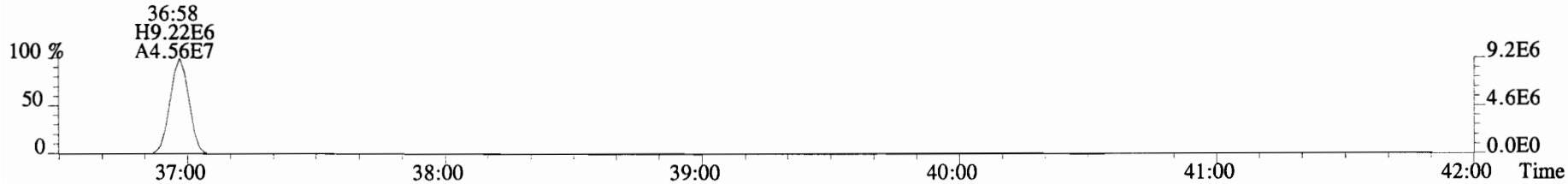
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2720.0,0.00%,F,F)



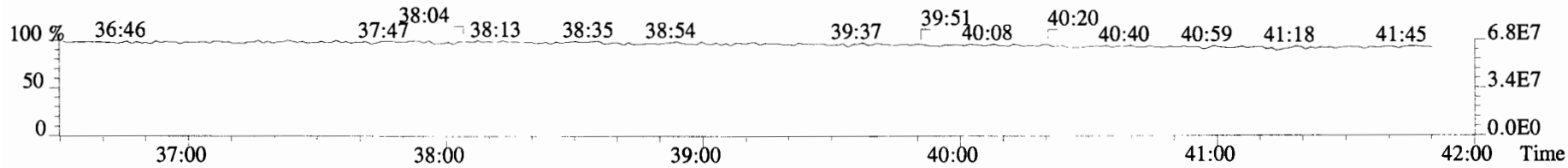
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)

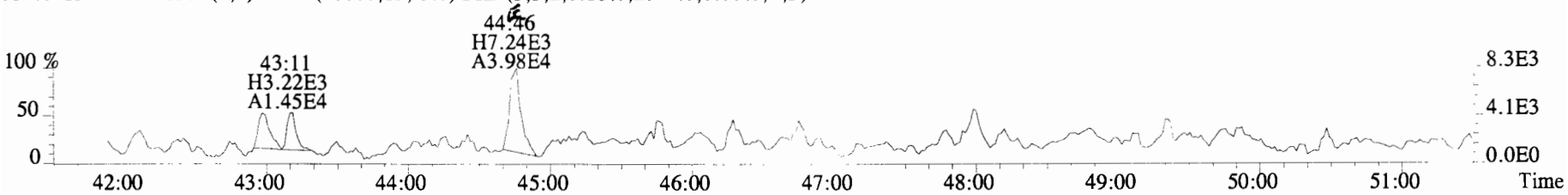


330.9792 S:4 F:3

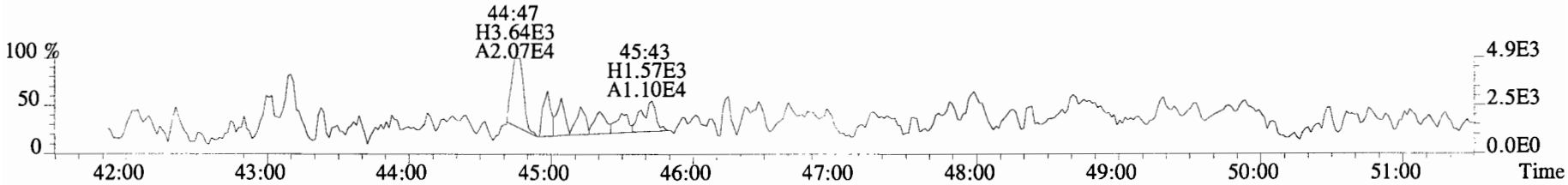


File:180409E1 #1-574 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1

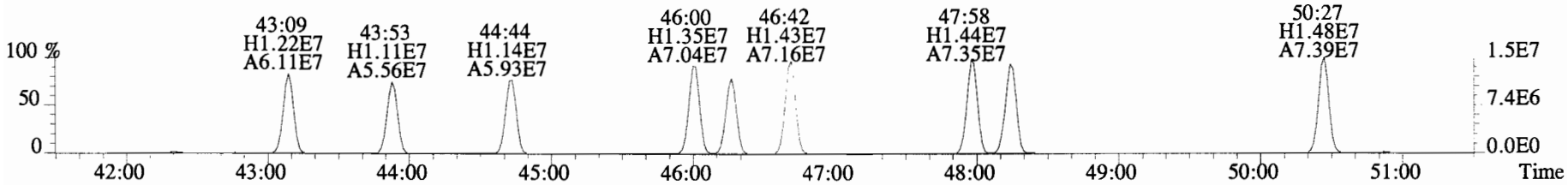
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



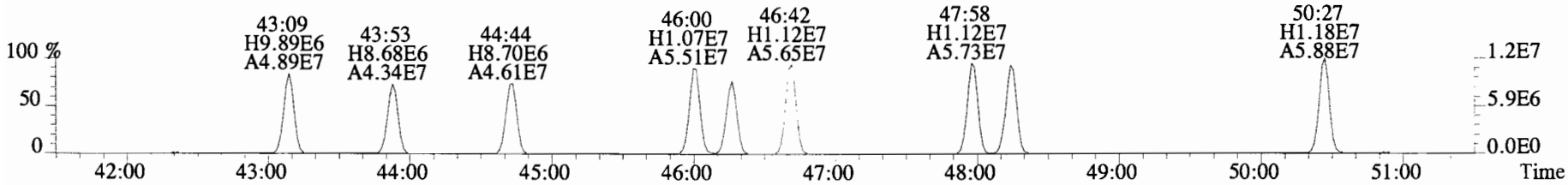
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



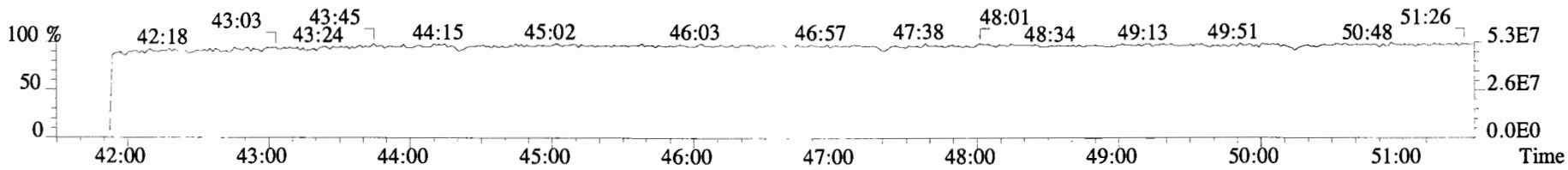
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16164.0,0.00%,F,F)



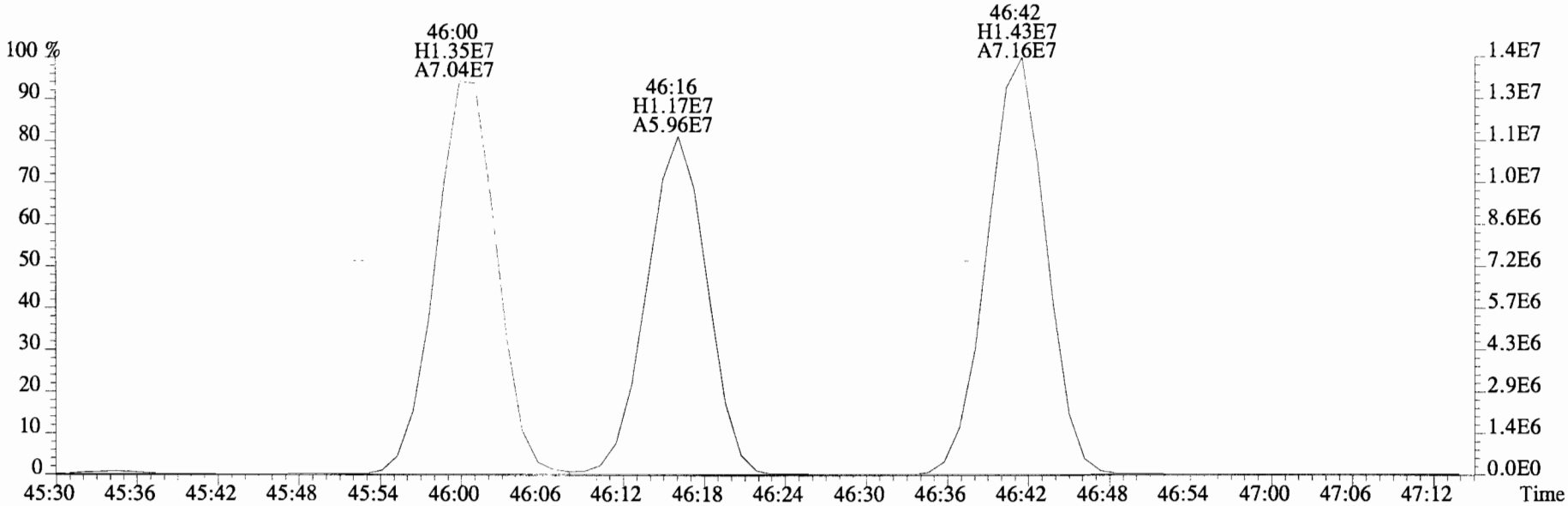
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10804.0,0.00%,F,F)



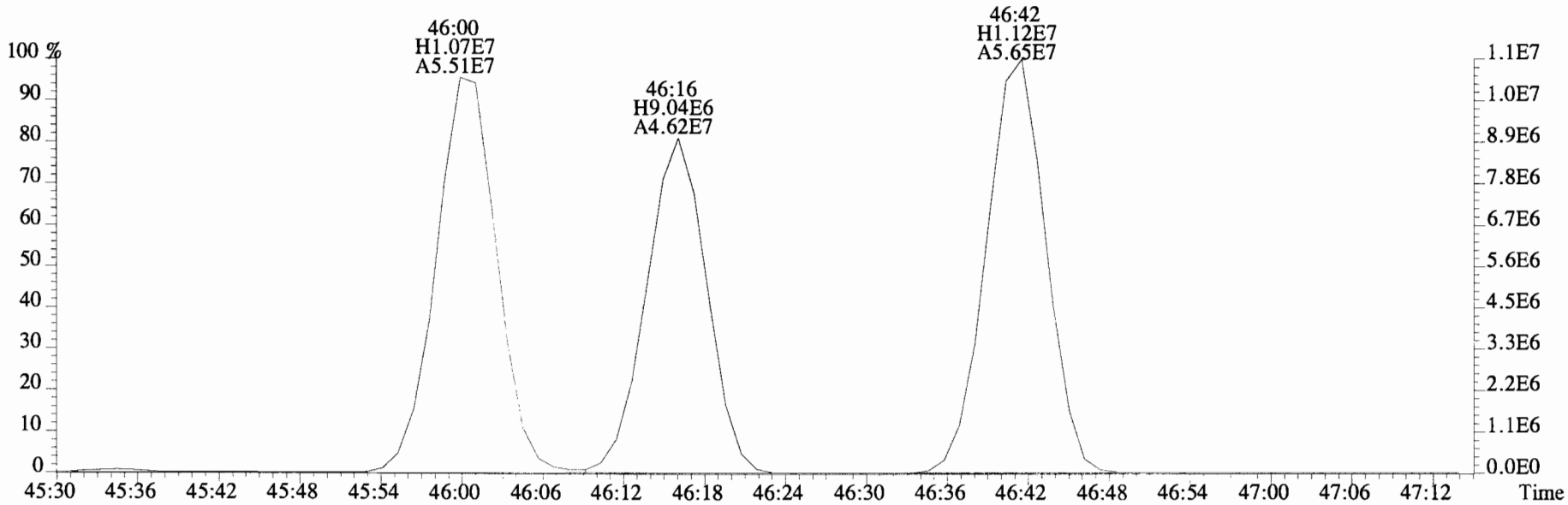
380.9760 S:4 F:4



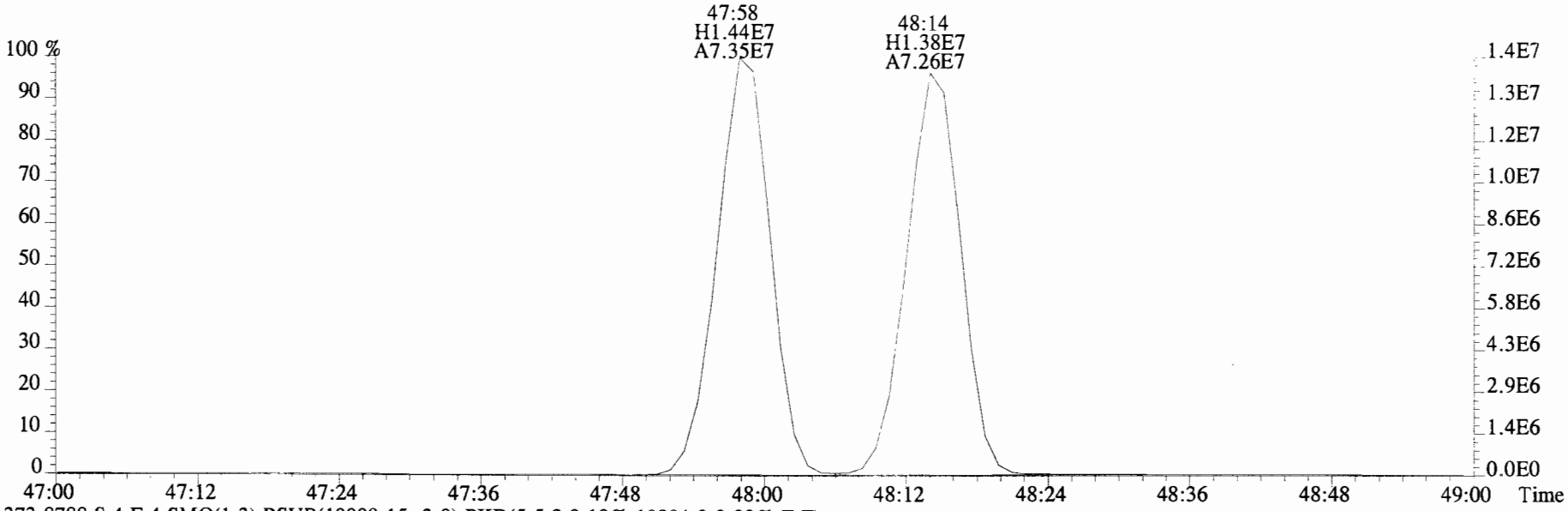
File:180409E1 #1-574 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16164.0,0.00%,F,F)



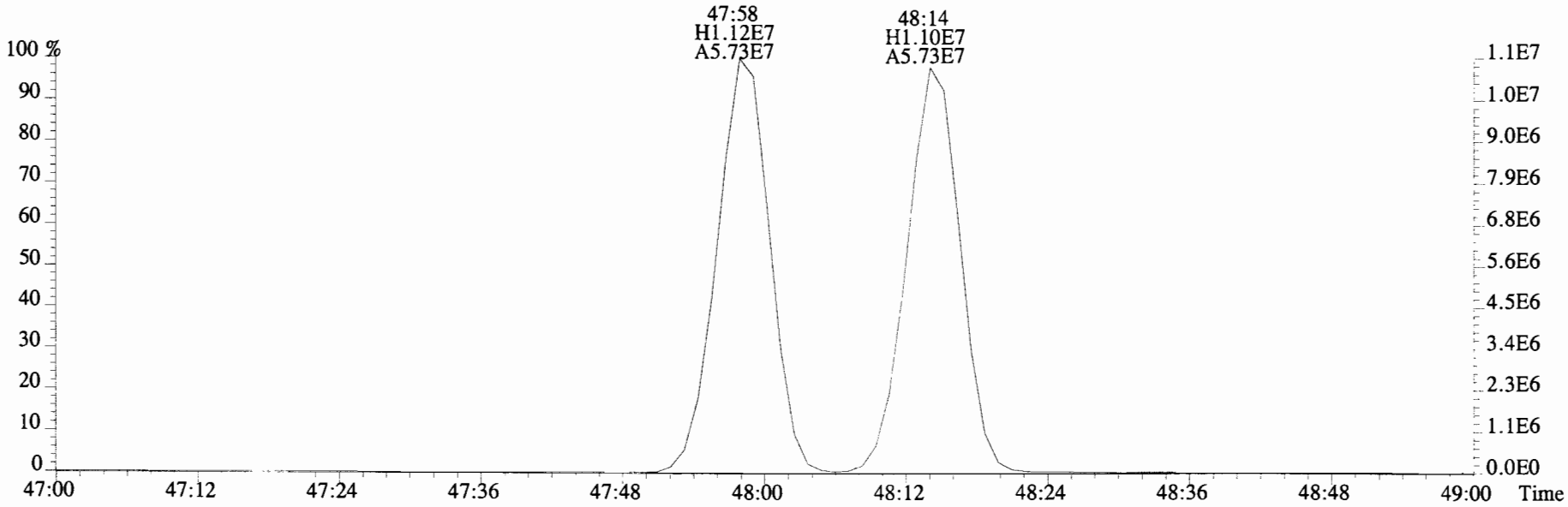
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10804.0,0.00%,F,F)



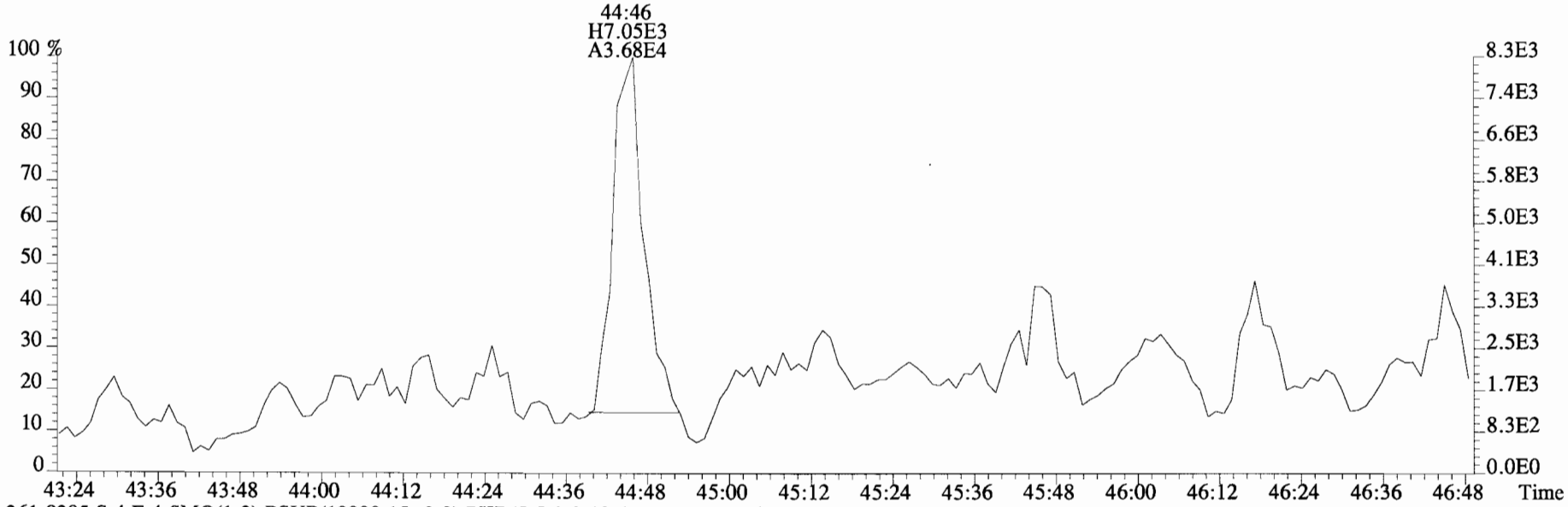
File:180409E1 #1-574 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16164.0,0.00%,F,F)



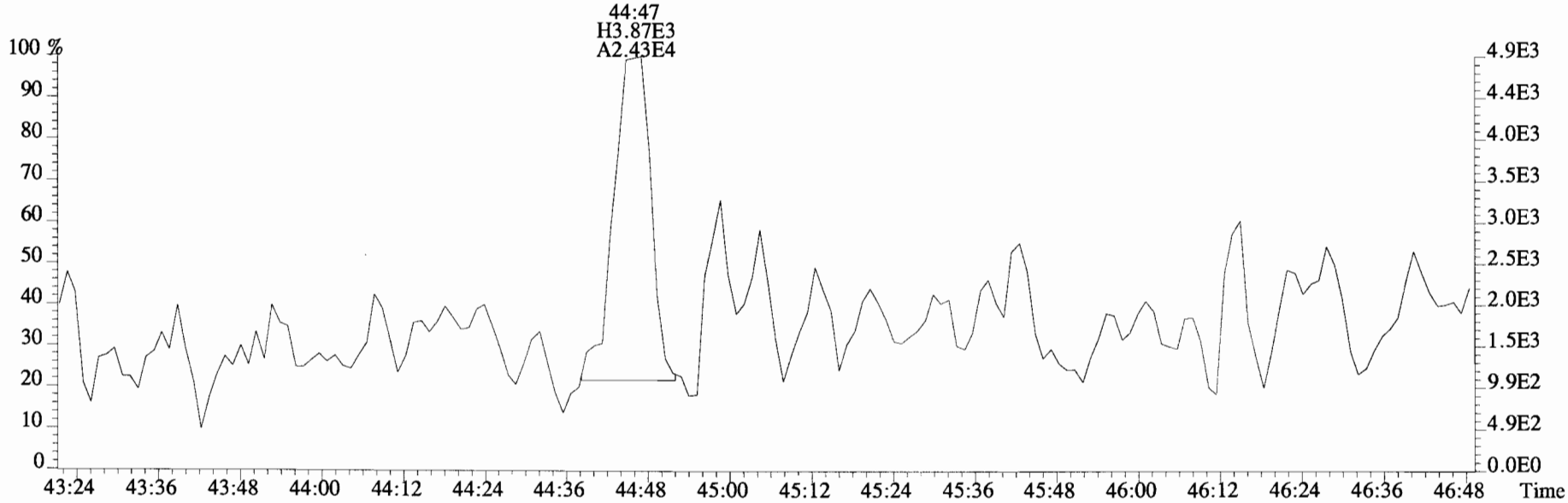
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10804.0,0.00%,F,F)



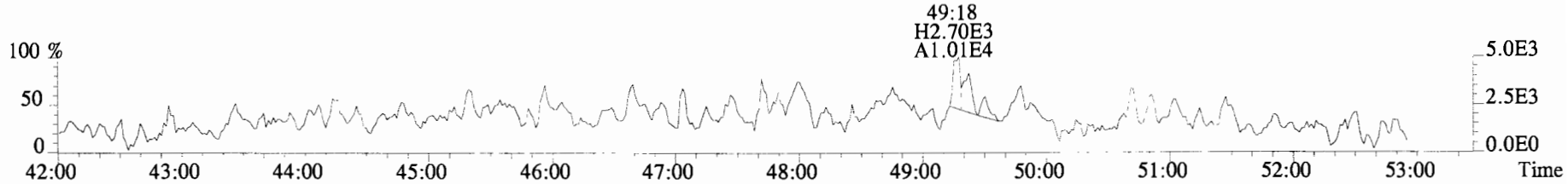
File:180409E1 #1-574 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



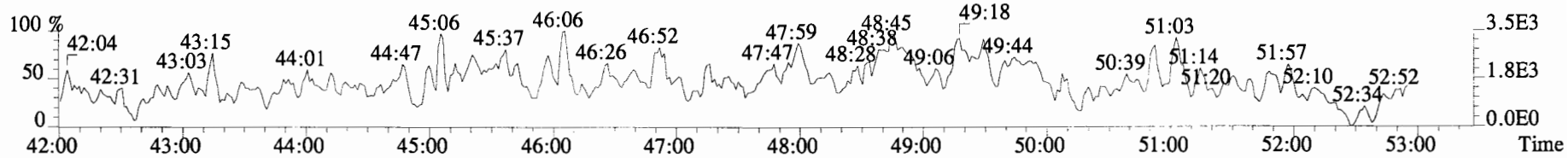
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



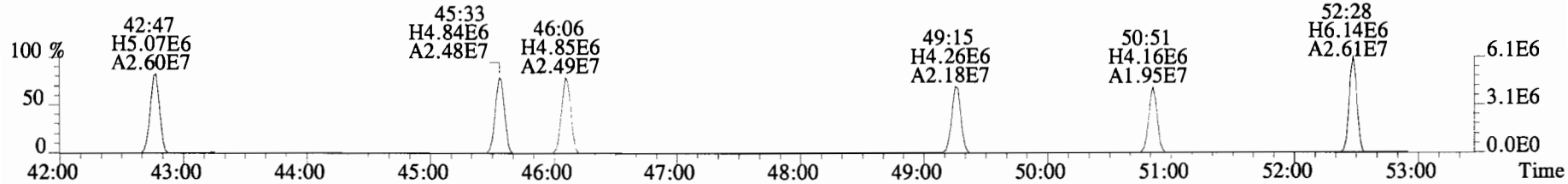
File:180409E1 #1-574 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



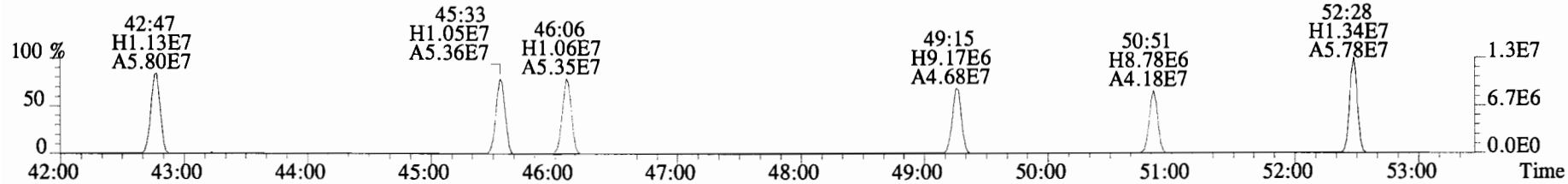
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



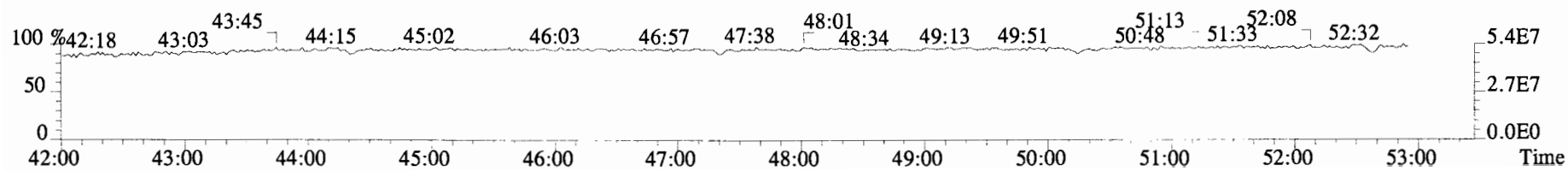
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



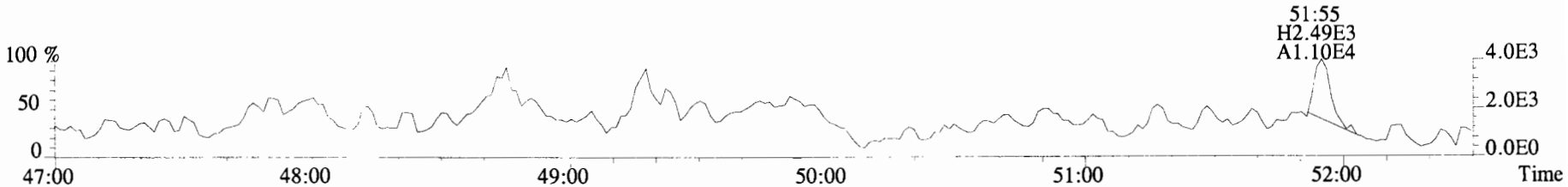
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5796.0,0.00%,F,F)



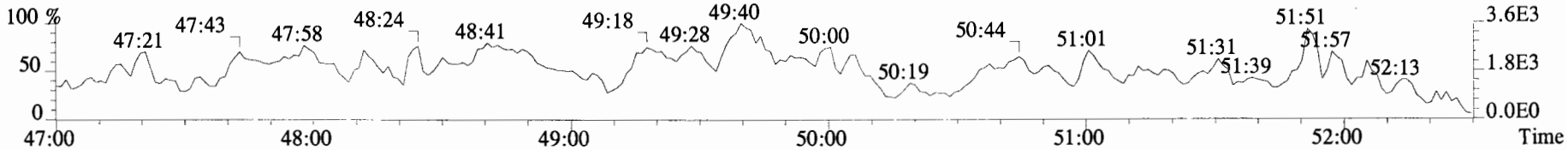
380.9760 S:4 F:4



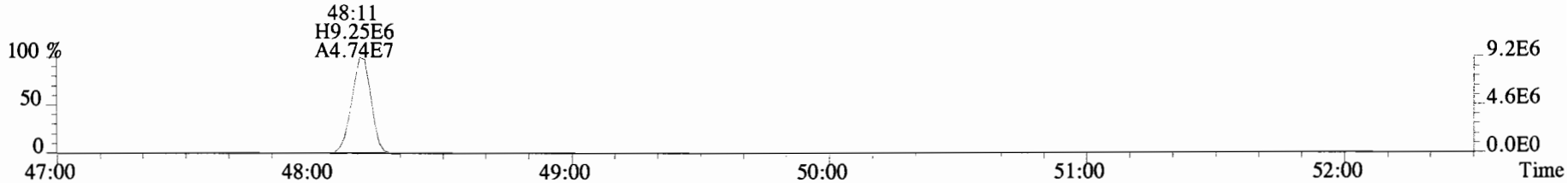
File:180409E1 #1-574 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1788.0,0.00%,F,F)



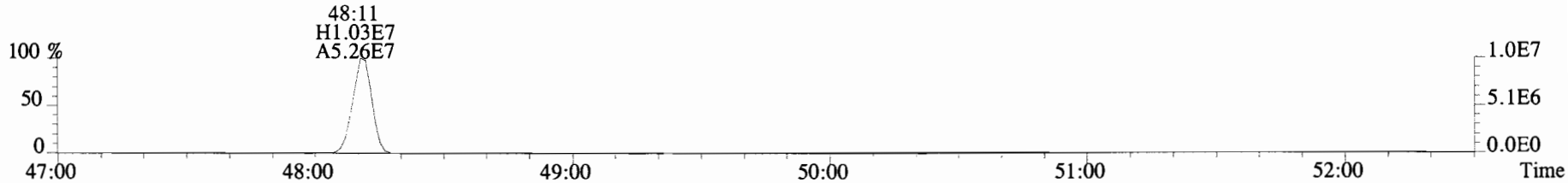
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2320.0,0.00%,F,F)



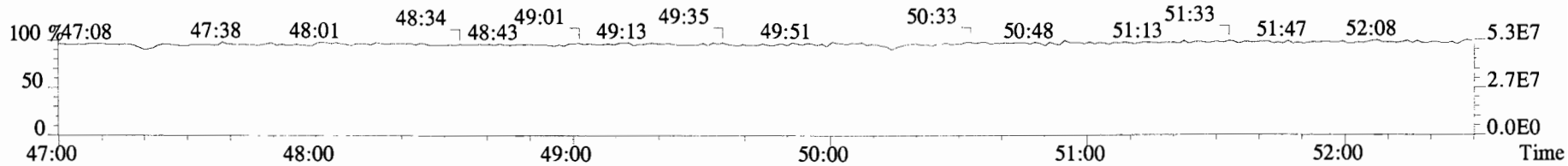
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



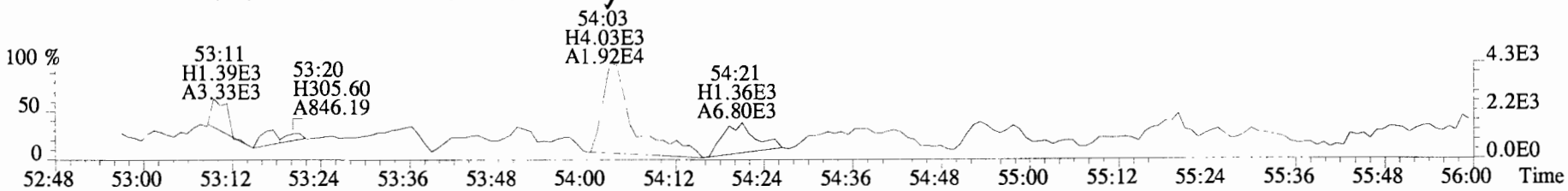
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2240.0,0.00%,F,F)



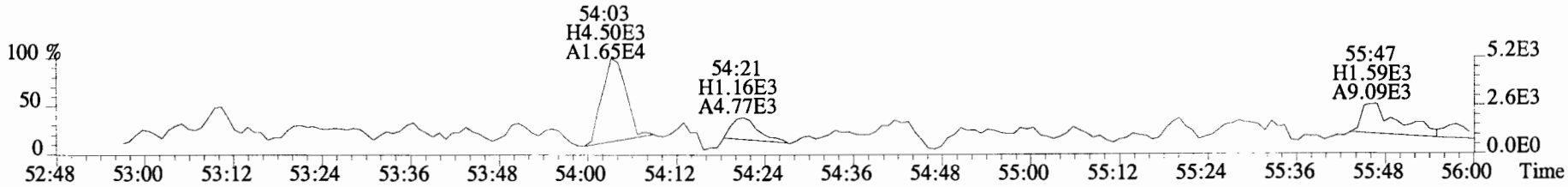
380.9760 S:4 F:4



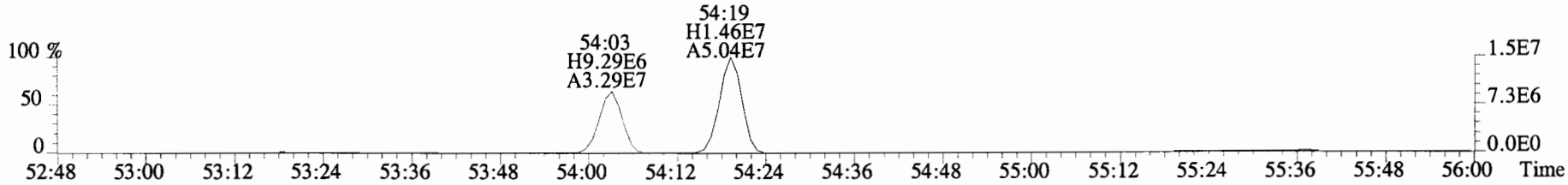
File:180409E1 #1-407 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1300.0,0.00%,F,F)



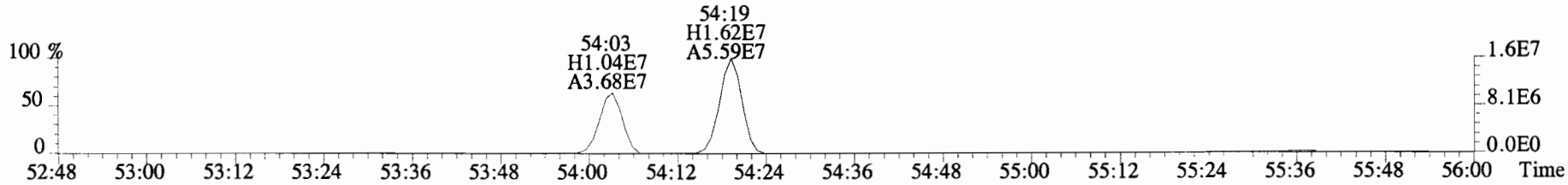
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



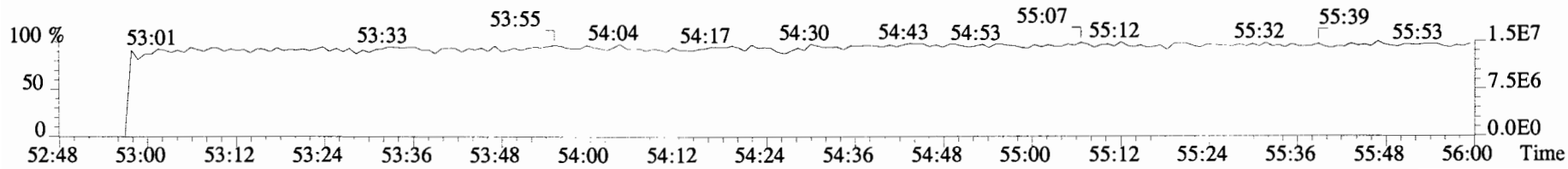
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5480.0,0.00%,F,F)



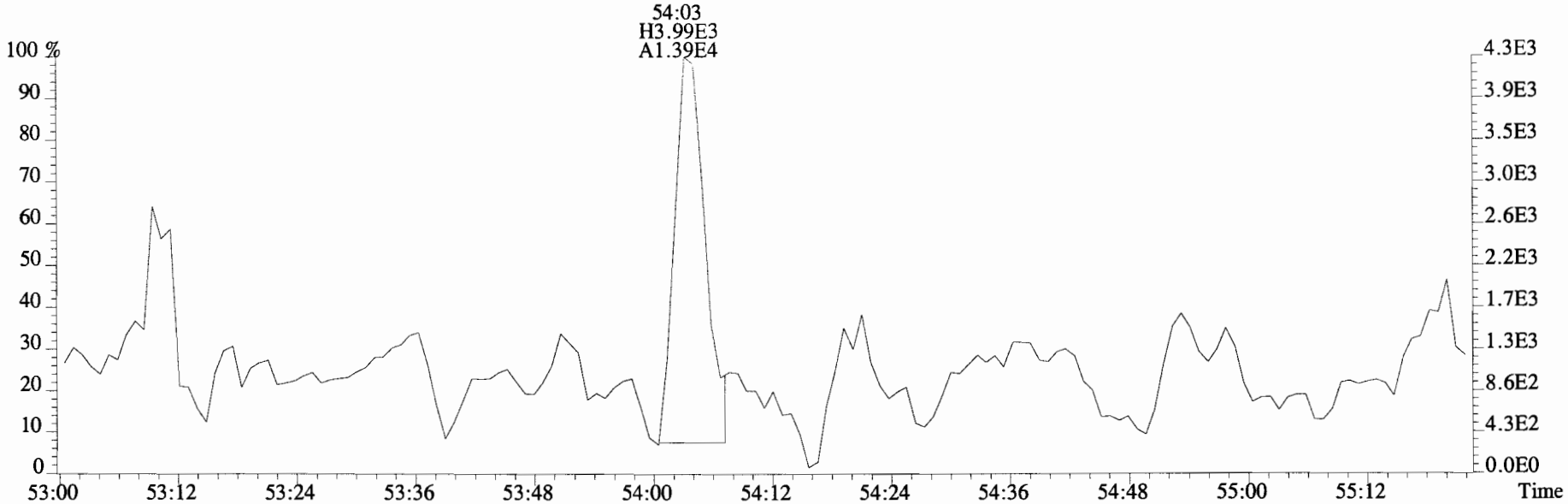
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5012.0,0.00%,F,F)



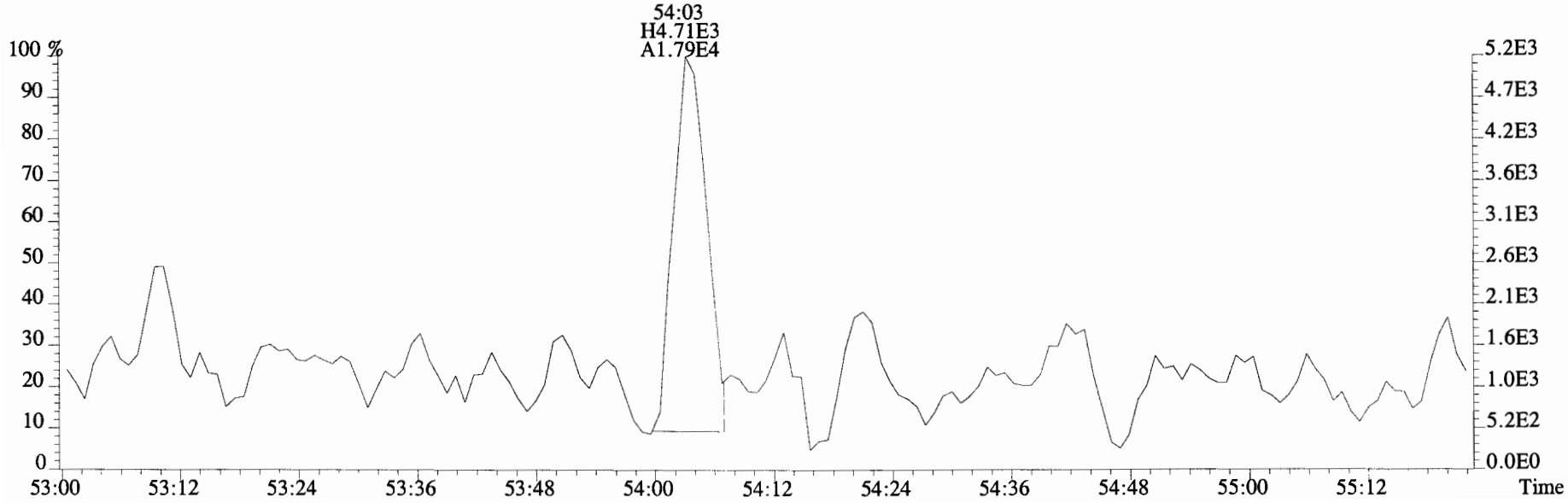
492.9697 S:4 F:5



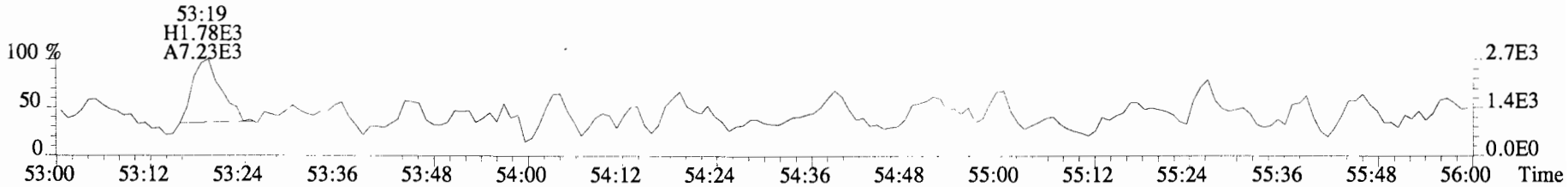
File:180409E1 #1-407 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1300.0,0.00%,F,F)



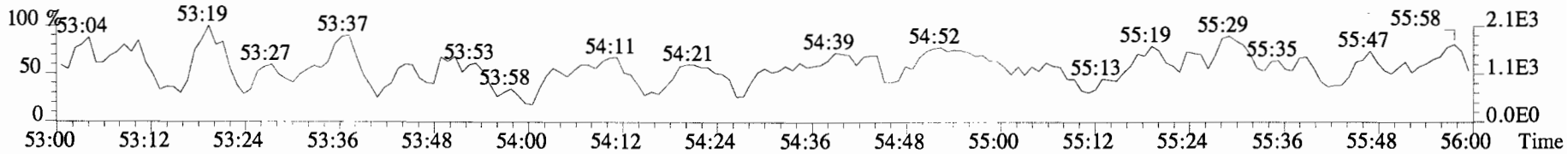
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



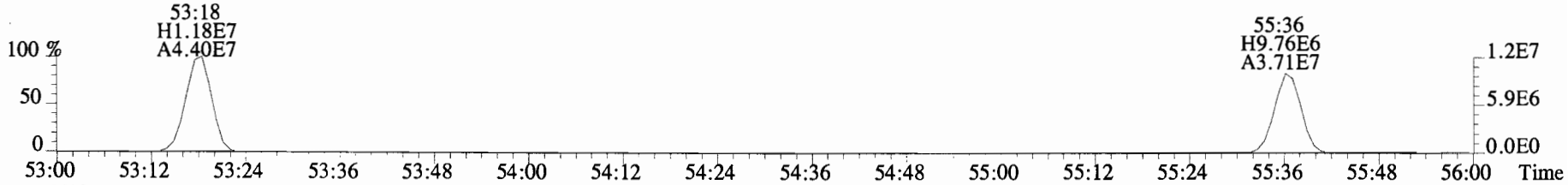
File:180409E1 #1-407 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



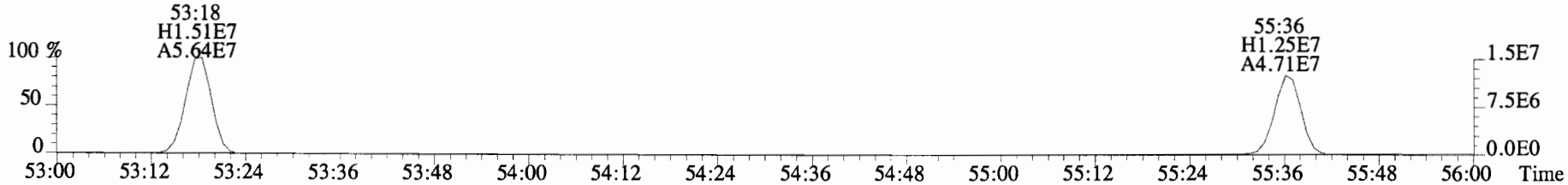
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



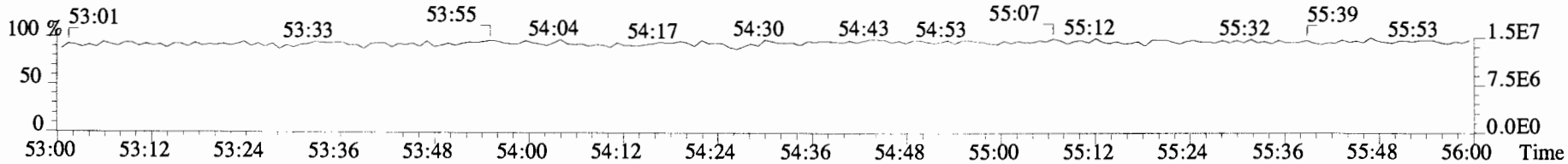
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15988.0,0.00%,F,F)



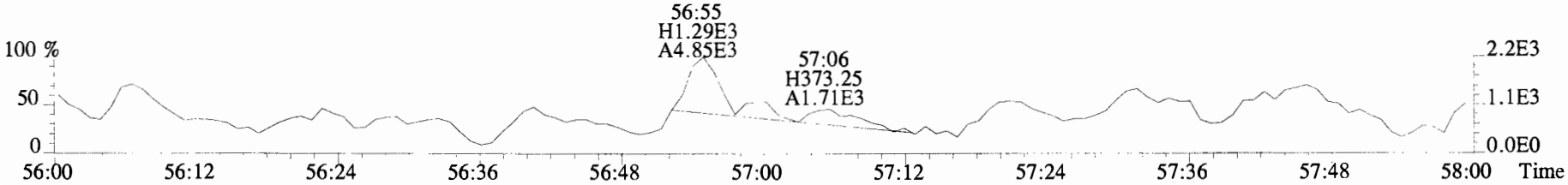
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21240.0,0.00%,F,F)



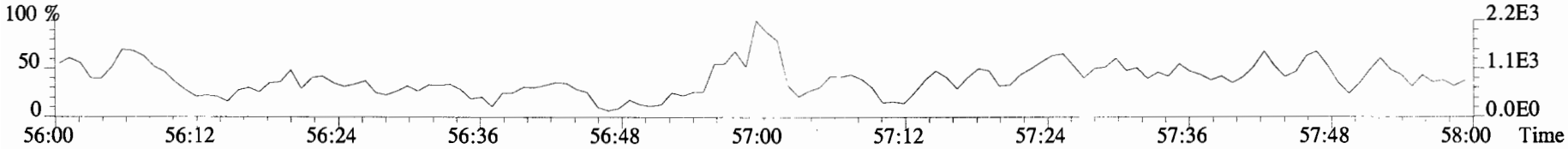
492.9697 S:4 F:5



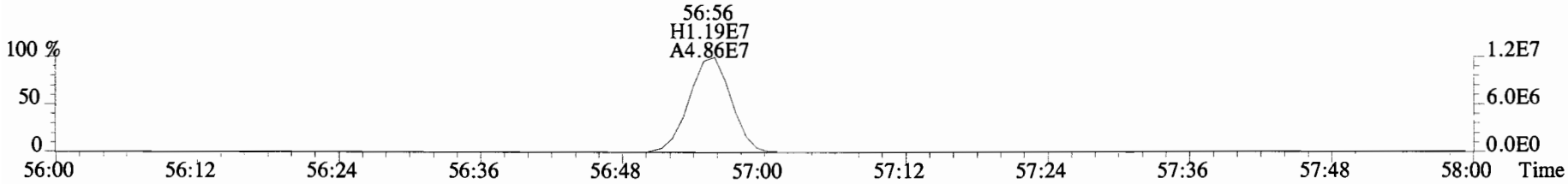
File:180409E1 #1-407 Acq: 9-APR-2018 20:49:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BLK1 Method Blank 1 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1420.0,0.00%,F,F)



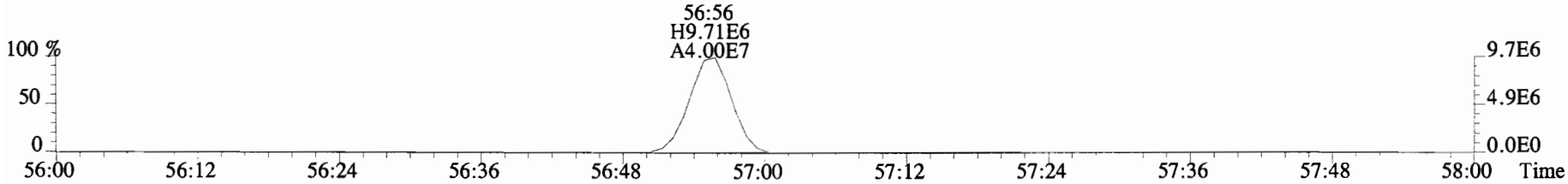
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1268.0,0.00%,F,F)



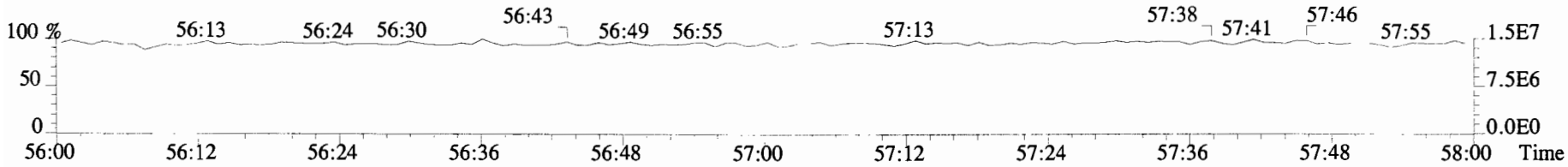
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1580.0,0.00%,F,F)



511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1632.0,0.00%,F,F)



492.9697 S:4 F:5



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

Lab Name: Vista Analytical Laboratory OPR Data Filename: B8D0041-BS1

Matrix : AQUEOUS Ext. Date: 4-6-18 Analysis Date: 9-APR-18 Time: 18:38:48

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	52.5	30.0-67.5	13C-PCB-1	100	29.6	15-145	13C-PCB-79	100	70.3	40-145
PCB-3	50	54.0	30.0-67.5	13C-PCB-3	100	29.3	15-145	13C-PCB-178	100	74.9	40-145
PCB-4/10	100	95.7	60.0-135	13C-PCB-4	100	39.5	15-145				
PCB-15	50	49.8	30.0-67.5	13C-PCB-11	100	51.8	15-145				
PCB-19	50	45.8	30.0-67.5	13C-PCB-19	100	49.7	15-145				
PCB-37	50	46.2	30.0-67.5	13C-PCB-37	100	58.7	15-145				
PCB-54	50	48.5	30.0-67.5	13C-PCB-54	100	53.2	15-145				
PCB-81	50	48.7	30.0-67.5	13C-PCB-81	100	59.0	40-145				
PCB-77	50	47.2	30.0-67.5	13C-PCB-77	100	60.7	40-145				
PCB-104	50	43.2	30.0-67.5	13C-PCB-104	100	61.4	40-145				
PCB-123	50	45.4	30.0-67.5	13C-PCB-123	100	65.6	40-145				
PCB-106/118	100	91.0	60.0-135	13C-PCB-118	100	64.4	40-145				
PCB-114	50	44.0	30.0-67.5	13C-PCB-114	100	57.5	40-145				
PCB-105	50	45.2	30.0-67.5	13C-PCB-105	100	60.6	40-145				
PCB-126	50	46.5	30.0-67.5	13C-PCB-126	100	61.7	40-145				
PCB-155	50	43.5	30.0-67.5	13C-PCB-155	100	69.9	40-145				
PCB-167	50	47.7	30.0-67.5	13C-PCB-167	100	62.6	40-145				
PCB-156	50	46.5	30.0-67.5	13C-PCB-156	100	65.7	40-145				
PCB-157	50	47.5	30.0-67.5	13C-PCB-157	100	65.4	40-145				
PCB-169	50	47.4	30.0-67.5	13C-PCB-169	100	66.0	40-145				
PCB-188	50	45.8	30.0-67.5	13C-PCB-188	100	55.2	40-145				
PCB-189	50	46.3	30.0-67.5	13C-PCB-189	100	67.0	40-145				
PCB-202	50	46.7	30.0-67.5	13C-PCB-202	100	73.7	40-145				
PCB-205	50	46.7	30.0-67.5	13C-PCB-194	100	66.0	40-145				
PCB-208	50	48.1	30.0-67.5	13C-PCB-208	100	68.0	40-145				
PCB-206	50	48.5	30.0-67.5	13C-PCB-206	100	77.3	40-145				
PCB-209	50	45.8	30.0-67.5	13C-PCB-209	100	93.2	40-145				

Analyst: DB

Date: 4/13/18

Client ID: OPR Filename: 180409E1 S:2 Acq:9-APR-18 18:38:48 ConCal: ST180409E1-1
Lab ID: B8D0041-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	1.90e+07	2.99	y 15:58	1.07	52.49		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	2.07e+07	3.06	y 18:23	1.06	54.57		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	2.05e+07	3.13	y 18:37	1.06	53.97		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	2.80e+07	1.56	y 20:00	1.24	95.74		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	3.77e+07	1.58	y 21:48	0.99	92.75		*	2.5	*	0.867	0.863-0.871
Di	PCB-6	2.08e+07	1.65	y 22:27	1.06	47.88		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	4.26e+07	1.59	y 22:52	1.03	101.1		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	2.21e+07	1.59	y 23:58	1.03	43.30		*	2.5	*	0.953	0.948-0.958
Di	PCB-11	2.55e+07	1.56	y 25:10	1.11	46.30		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	4.65e+07	1.59	y 25:33	1.02	92.38		*	2.5	*	1.016	1.011-1.021
Di	PCB-15	2.60e+07	1.59	y 25:52	1.05	49.76		*	2.5	*	1.028	1.023-1.033
Tri	PCB-19	1.71e+07	1.06	y 24:08	1.20	45.82		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	2.86e+07	1.04	y 25:02	1.93	47.43		*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	2.05e+07	1.05	y 25:47	0.91	42.95		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	1.95e+07	1.03	y 25:58	0.84	44.26		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	5.48e+07	1.04	y 26:32	1.15	90.85		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	4.80e+07	1.04	y 27:03	1.02	89.85		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	2.28e+07	1.05	y 27:51	0.96	47.27		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	2.31e+07	1.09	y 27:57	0.95	48.38		*	2.5	*	0.963	0.958-0.968
Tri	PCB-29	2.30e+07	1.04	y 28:11	0.96	47.59		*	2.5	*	0.971	0.966-0.976
Tri	PCB-26	2.45e+07	1.08	y 28:24	1.00	48.57		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	2.61e+07	1.06	y 28:34	1.06	49.09		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	2.76e+07	1.01	y 28:56	1.10	50.10		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	2.61e+07	1.05	y 29:01	1.14	45.63		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	7.46e+07	1.05	y 29:38	1.00	149.2		*	2.5	*	1.021	1.017-1.027
Tri	PCB-22	2.80e+07	1.05	y 30:05	1.09	51.34		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	2.78e+07	1.06	y 30:42	1.15	44.60		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	2.60e+07	1.08	y 31:11	1.07	44.85		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	2.75e+07	1.05	y 31:56	1.10	45.89		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	2.86e+07	1.06	y 32:28	1.12	46.96		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	2.79e+07	1.06	y 32:54	1.11	46.22		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	2.55e+07	0.78	y 27:53	1.07	48.52		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	2.17e+07	0.78	y 29:04	0.87	50.79		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	2.11e+07	0.79	y 29:42	1.01	45.59		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	2.35e+07	0.78	y 30:03	1.10	46.77		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	1.90e+07	0.78	y 30:29	0.87	47.69		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.84e+07	0.76	y 30:58	0.84	48.18		*	2.5	*	0.985	0.980-0.990

Integrations by:

Analyst: DB

Date: 4/10/18

Reviewed by: CT Date: 4/12/18

Client ID: OPR Filename: 180409E1 S:2 Acq:9-APR-18 18:38:48 ConCal: ST180409E1-1 Page 2 of

Lab ID: B8D0041-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-9-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	4.95e+07	0.79	y	31:28	1.21	89.25		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	3.37e+07	0.77	y	31:35	1.45	50.73		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	4.46e+07	0.78	y	31:44	1.01	96.48		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	2.13e+07	0.77	y	31:56	0.91	48.40		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	5.37e+07	0.77	y	32:03	1.13	97.67		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	3.17e+07	0.76	y	32:19	1.27	51.44		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	2.54e+07	0.78	y	32:26	1.10	47.76		*	2.5	*	1.016	1.011-1.021
Tetra	PCB-44	2.17e+07	0.79	y	32:44	0.85	52.36		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	5.06e+07	0.77	y	32:58	1.02	102.2		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	1.13e+08	0.78	y	33:33	1.17	200.5		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	2.90e+07	0.77	y	33:49	1.28	46.82		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	1.63e+07	0.78	y	34:01	0.62	53.82		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	3.15e+07	0.76	y	34:23	1.13	45.54		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	3.11e+07	0.77	y	34:41	1.10	46.12		*	2.5	*	0.978	0.973-0.983
Tetra	PCB-58	3.31e+07	0.79	y	34:49	1.12	48.20		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	2.93e+07	0.80	y	34:58	1.00	47.84		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	3.30e+07	0.78	y	35:15	1.18	45.50		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	5.99e+07	0.77	y	35:25	1.03	95.15		*	2.5	*	0.999	0.994-1.004
Tetra	PCB-76/66	6.63e+07	0.76	y	35:38	1.13	95.47		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-80	3.27e+07	0.77	y	35:54	1.19	46.97		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-55	3.54e+07	0.76	y	36:12	1.16	52.31		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	6.11e+07	0.77	y	36:42	1.04	100.5		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	3.31e+07	0.79	y	37:45	1.17	48.48		*	2.5	*	1.052	1.047-1.057
Tetra	PCB-78	3.22e+07	0.79	y	38:27	1.10	49.55		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-81	2.77e+07	0.79	y	38:59	0.97	48.68		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-77	2.95e+07	0.76	y	39:34	1.08	47.22		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	2.12e+07	1.56	y	32:36	1.08	43.22		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	2.37e+07	1.60	y	33:51	1.13	46.00		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	1.83e+07	1.54	y	34:24	0.91	44.30		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	1.84e+07	1.57	y	34:46	0.93	43.52		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	1.55e+07	1.58	y	35:14	0.91	42.61		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	6.04e+07	1.58	y	35:43	1.17	129.9		*	2.5	*	0.999	0.994-1.004
Penta	PCB-93	1.42e+07	1.58	y	35:50	0.93	38.56		*	2.5	*	1.002	0.997-1.007
Penta	PCB-88/91	3.26e+07	1.54	y	36:08	0.97	84.34		*	2.5	*	1.011	1.005-1.015
Penta	PCB-121	2.74e+07	1.63	y	36:15	1.68	41.13		*	2.5	*	1.014	1.009-1.019
Penta	PCB-84/92	3.35e+07	1.59	y	37:04	0.97	92.43		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	1.84e+07	1.56	y	37:15	1.06	46.42		*	2.5	*	0.995	0.990-1.000

Analyst: DB CT

Date: 4/13/18 4/13/18

Client ID: OPR Filename: 180409E1 S:2 Acq:9-APR-18 18:38:48 ConCal: ST180409E1-1 Page 2 of

Lab ID: B8D0041-B31 GC Column ID: ZB-1 ICal: PCBVG8 2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	3.52e+07	1.55	y 37:26	1.08	87.64		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	2.28e+07	1.54	y 37:41	1.48	41.33		*	2.5	*	1.007	1.002-1.012
Penta	PCB-99	2.19e+07	1.61	y 37:46	1.25	46.75		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	2.42e+07	1.57	y 38:15	1.70	43.45		*	2.5	*	0.988	0.982-0.992
Penta	PCB-108/112	4.05e+07	1.59	y 38:24	1.40	88.01		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	2.52e+07	1.55	y 38:33	1.75	43.84		*	2.5	*	0.995	0.990-1.000
Penta	PCB-97	1.69e+07	1.55	y 38:44	1.17	43.90		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	1.64e+07	1.59	y 38:53	1.08	46.36		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	6.35e+07	1.57	y 39:01	1.55	125.0		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	4.77e+07	1.55	y 39:10	1.79	81.28		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	3.80e+07	1.58	y 39:17	1.29	89.96		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	2.55e+07	1.58	y 39:33	1.98	39.34		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	2.48e+07	1.57	y 39:41	1.69	44.99		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	1.65e+07	1.62	y 40:19	0.81	44.74		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	2.61e+07	1.55	y 41:00	1.30	44.16		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	5.09e+07	1.56	y 41:09	1.31	84.88		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	2.32e+07	1.55	y 41:19	1.12	45.39		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	5.07e+07	1.58	y 41:30	1.18	90.99		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	2.01e+07	1.55	y 42:08	1.11	43.98		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	2.00e+07	1.54	y 42:16	1.03	47.56		*	2.5	*	1.003	0.999-1.009
Penta	PCB-105	2.12e+07	1.56	y 43:00	1.12	45.22		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	2.24e+07	1.57	y 43:21	1.12	44.73		*	2.5	*	1.000	0.995-1.005
Penta	PCB-126	2.36e+07	1.61	y 45:14	1.20	46.47		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-155	1.83e+07	1.21	y 37:00	0.99	43.55		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-150	2.04e+07	1.28	y 38:16	1.02	46.78		*	2.5	*	1.035	1.030-1.040
Hexa	PCB-152	2.34e+07	1.28	y 38:44	1.16	47.63		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	2.20e+07	1.25	y 39:10	1.13	45.87		*	2.5	*	1.059	1.054-1.064
Hexa	PCB-136	2.00e+07	1.26	y 39:30	1.02	45.93		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	1.49e+07	1.21	y 39:37	0.77	45.45		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	1.68e+07	1.25	y 40:06	0.88	45.09		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	1.58e+07	1.24	y 40:44	0.75	49.45		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	1.80e+07	1.26	y 40:57	0.86	49.33		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	1.57e+07	1.29	y 41:04	0.77	48.14		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	1.67e+07	1.27	y 41:12	0.80	48.82		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	3.66e+07	1.22	y 41:27	0.88	97.96		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	1.60e+07	1.24	y 41:38	0.77	48.93		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	3.58e+07	1.23	y 42:04	0.76	102.4		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 4/10/18

Client ID: OPR Filename: 180409E1 S:2 Acq:9-APR-18 18:38:48 ConCal: ST180409E1-1 Page 2 of

Lab ID: B8D0041-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	3.79e+07	1.23	y 42:22	0.82	101.3		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	1.73e+07	1.26	y 42:31	0.73	51.74		*	2.5	*	0.985	0.981-0.991
Hexa	PCB-146/165	4.59e+07	1.23	y 42:45	1.02	98.21		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	4.61e+07	1.22	y 43:00	1.00	100.2		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	2.44e+07	1.22	y 43:10	1.08	49.43		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	2.43e+07	1.22	y 43:23	1.12	47.56		*	2.5	*	1.005	1.000-1.010
Hexa	PCB-141	2.01e+07	1.21	y 43:54	1.02	49.24		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.96e+07	1.39	y 44:16	1.10	44.30		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.90e+07	1.08	y 44:23	0.81	59.03		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	7.78e+07	1.25	y 44:45	1.23	141.8		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-158/160	5.02e+07	1.27	y 45:00	1.18	95.75		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	1.67e+07	1.24	y 45:14	0.78	47.96		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	2.82e+07	1.23	y 45:42	1.13	47.52		*	2.5	*	0.993	0.988-0.998
Hexa	PCB-159	2.94e+07	1.25	y 46:02	1.16	48.27		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-128/162	4.51e+07	1.23	y 46:19	0.89	96.34		*	2.5	*	1.007	1.002-1.012
Hexa	PCB-167	2.57e+07	1.24	y 46:42	1.02	47.70		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.70e+07	1.25	y 47:59	1.06	46.48		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	2.64e+07	1.26	y 48:16	1.02	47.52		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	2.96e+07	1.24	y 50:28	1.13	47.35		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-188	2.28e+07	1.06	y 42:48	1.37	45.84		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-184	2.27e+07	1.05	y 43:15	1.32	47.56		*	2.5	*	1.011	1.006-1.016
Hepta	PCB-179	2.55e+07	1.06	y 44:01	1.38	50.84		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	2.42e+07	1.06	y 44:29	1.31	50.96		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	2.70e+07	1.04	y 45:06	1.42	52.50		*	2.5	*	1.054	1.049-1.059
Hepta	PCB-178	1.84e+07	1.03	y 45:36	0.97	52.51		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	1.91e+07	1.04	y 45:56	1.00	52.73		*	2.5	*	1.074	1.069-1.079
Hepta	PCB-182/187	4.31e+07	1.06	y 46:06	1.14	104.2		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	2.09e+07	1.05	y 46:26	1.13	51.23		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	1.88e+07	1.05	y 47:05	1.36	47.21		*	2.5	*	0.956	0.950-0.960
Hepta	PCB-174	1.88e+07	1.04	y 47:26	1.42	45.14		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	2.13e+07	1.06	y 47:33	1.48	49.02		*	2.5	*	0.965	0.960-0.970
Hepta	PCB-177	1.87e+07	1.06	y 47:43	1.33	47.90		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	1.89e+07	1.05	y 48:00	1.37	46.86		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	1.80e+07	1.01	y 48:26	1.27	48.10		*	2.5	*	0.983	0.978-0.988
Hepta	PCB-172	1.97e+07	1.05	y 48:53	1.39	48.35		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	2.56e+07	1.04	y 49:04	1.80	48.29		*	2.5	*	0.996	0.991-1.001
Hepta	PCB-180	2.11e+07	1.02	y 49:17	1.52	47.37		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/10/18

Client ID: OPR Filename: 180409E1 S:2 Acq:9-APR-18 18:38:48 ConCal: ST180409E1-1
Lab ID: B8D0041-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol. 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	2.39e+07	1.03	y 49:29	1.71	47.50		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	2.49e+07	1.03	y 49:45	1.74	48.72		*	2.5	*	1.010	1.005-1.015
Hepta	PCB-170	1.92e+07	1.05	y 50:53	1.44	47.89		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	2.59e+07	1.06	y 51:04	1.95	47.55		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	2.44e+07	1.02	y 52:30	1.46	46.31		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	2.19e+07	0.89	y 48:12	1.06	46.67		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	2.00e+07	0.86	y 48:41	0.98	46.12		*	2.5	*	1.010	1.006-1.016
Octa	PCB-204	2.22e+07	0.87	y 48:50	1.07	46.67		*	2.5	*	1.013	1.009-1.019
Octa	PCB-197	2.21e+07	0.90	y 49:09	1.10	45.36		*	2.5	*	1.020	1.015-1.025
Octa	PCB-200	2.16e+07	0.88	y 50:03	1.04	46.73		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	1.77e+07	0.94	y 51:32	0.84	47.65		*	2.5	*	1.070	1.065-1.075
Octa	PCB-199	1.78e+07	0.83	y 51:39	0.80	50.17		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	3.62e+07	0.89	y 51:56	0.84	97.17		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	1.41e+07	0.91	y 53:10	1.04	44.81		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.60e+07	0.90	y 54:04	1.16	45.43		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	1.90e+07	0.89	y 54:20	1.33	46.71		*	2.5	*	1.005	1.000-1.010
Nona	PCB-208	1.92e+07	1.31	y 53:19	0.90	48.13		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	1.96e+07	1.32	y 53:38	0.89	49.38		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	1.60e+07	1.34	y 55:37	0.88	48.48		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	1.97e+07	1.18	y 56:56	1.04	45.84		*	2.5	*	1.000	0.995-1.005

Analyst: JB

Date: 4/10/18

Client ID: OPR Filename: 180409E1 S:2 Acq:9-APR-18 18:38:48 ConCal: ST180409E1-1
Lab ID: B8D0041-BS1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-1	3.37e+07	3.28 y	1.13	15:57	0.617	0.616-0.622	29.6	29.6
13C-PCB-3	3.57e+07	3.25 y	1.21	18:36	0.720	0.716-0.724	29.3	29.3
13C-PCB-4	2.36e+07	1.50 y	0.59	19:57	0.772	0.769-0.777	39.5	39.5
13C-PCB-9	4.10e+07	1.54 y	0.94	21:45	0.841	0.837-0.845	43.2	43.2
13C-PCB-11	4.95e+07	1.52 y	0.95	25:09	0.973	0.968-0.978	51.8	51.8
13C-PCB-19	3.13e+07	1.05 y	0.62	24:07	0.933	0.928-0.938	49.7	49.7
13C-PCB-28	5.02e+07	0.99 y	1.05	29:01	1.004	0.999-1.009	52.8	52.8
13C-PCB-32	5.24e+07	1.07 y	0.91	27:03	1.046	1.041-1.051	57.1	57.1
13C-PCB-37	5.43e+07	1.09 y	1.02	32:53	1.138	1.132-1.144	58.7	58.7
13C-PCB-47	4.85e+07	0.78 y	0.83	31:56	0.871	0.867-0.875	58.7	58.7
13C-PCB-52	4.58e+07	0.80 y	0.76	31:26	0.857	0.853-0.861	60.5	60.5
13C-PCB-54	4.90e+07	0.78 y	0.93	27:52	0.760	0.756-0.764	53.2	53.2
13C-PCB-70	6.12e+07	0.78 y	1.00	35:27	0.966	0.961-0.971	62.0	62.0
13C-PCB-77	5.77e+07	0.79 y	0.96	39:34	1.079	1.073-1.083	60.7	60.7
13C-PCB-80	5.84e+07	0.78 y	1.00	35:53	0.978	0.973-0.983	59.2	59.2
13C-PCB-81	5.88e+07	0.79 y	1.01	38:58	1.062	1.057-1.067	59.0	59.0
13C-PCB-95	3.97e+07	1.60 y	0.80	35:45	0.913	0.908-0.918	67.2	67.2
13C-PCB-97	3.27e+07	1.61 y	0.70	38:44	0.989	0.984-0.994	63.4	63.4
13C-PCB-101	3.73e+07	1.61 y	0.80	37:26	0.956	0.951-0.961	63.2	63.2
13C-PCB-104	4.56e+07	1.55 y	1.01	32:35	0.832	0.828-0.836	61.4	61.4
13C-PCB-105	4.17e+07	1.59 y	1.14	42:59	0.929	0.924-0.934	60.6	60.6
13C-PCB-114	4.10e+07	1.54 y	1.18	42:08	0.911	0.905-0.915	57.5	57.5
13C-PCB-118	4.72e+07	1.58 y	1.00	41:29	1.059	1.054-1.064	64.4	64.4
13C-PCB-123	4.56e+07	1.57 y	0.95	41:18	1.054	1.049-1.059	65.6	65.6
13C-PCB-126	4.22e+07	1.61 y	1.14	45:13	0.977	0.972-0.982	61.7	61.7
13C-PCB-127	4.49e+07	1.57 y	1.24	43:20	0.937	0.931-0.941	59.9	59.9
13C-PCB-138	4.44e+07	1.26 y	1.17	44:44	0.967	0.962-0.972	62.8	62.8
13C-PCB-141	4.00e+07	1.24 y	1.11	43:53	0.948	0.944-0.954	60.0	60.0
13C-PCB-153	4.58e+07	1.25 y	1.34	43:09	0.933	0.928-0.938	56.9	56.9
13C-PCB-155	4.25e+07	1.26 y	0.83	36:59	0.944	0.939-0.949	69.9	69.9
13C-PCB-156	5.47e+07	1.25 y	1.38	47:58	1.037	1.032-1.042	65.7	65.7
13C-PCB-157	5.41e+07	1.26 y	1.37	48:15	1.043	1.037-1.047	65.4	65.4
13C-PCB-159	5.26e+07	1.29 y	1.39	46:00	0.994	0.989-0.999	62.8	62.8
13C-PCB-167	5.28e+07	1.28 y	1.40	46:42	1.009	1.004-1.014	62.6	62.6
13C-PCB-169	5.53e+07	1.28 y	1.39	50:27	1.090	1.085-1.095	66.0	66.0
13C-PCB-170	2.79e+07	0.48 y	0.86	50:52	1.103	1.097-1.109	69.2	69.2
13C-PCB-180	2.94e+07	0.46 y	0.98	49:16	1.069	1.064-1.074	64.2	64.2
13C-PCB-188	3.62e+07	0.46 y	1.40	42:47	0.928	0.923-0.933	55.2	55.2
13C-PCB-189	3.61e+07	0.46 y	1.15	52:29	1.138	1.132-1.144	67.0	67.0
13C-PCB-194	3.05e+07	0.91 y	0.77	54:03	0.995	0.990-1.000	66.0	66.0
13C-PCB-202	4.44e+07	0.89 y	1.28	48:11	1.045	1.040-1.050	73.7	73.7
13C-PCB-206	3.75e+07	0.78 y	0.81	55:36	1.024	1.019-1.029	77.3	77.3
13C-PCB-208	4.46e+07	0.78 y	1.09	53:18	0.981	0.977-0.987	68.0	68.0
13C-PCB-209	4.12e+07	1.19 y	0.74	56:55	1.048	1.043-1.053	93.2	93.2

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	7.18e+07	0.82 y	1.03	37:45	1.029	1.024-1.034	70.3	70.3
13C-PCB-178	3.26e+07	0.46 y	0.93	45:34	0.985	0.980-0.990	74.9	74.9

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	7.18e+07	0.82 y	1.03	37:45	0.969	0.963-0.973	119	119
13C-PCB-178	3.26e+07	0.46 y	0.95	45:34	0.925	0.920-0.930	117	117

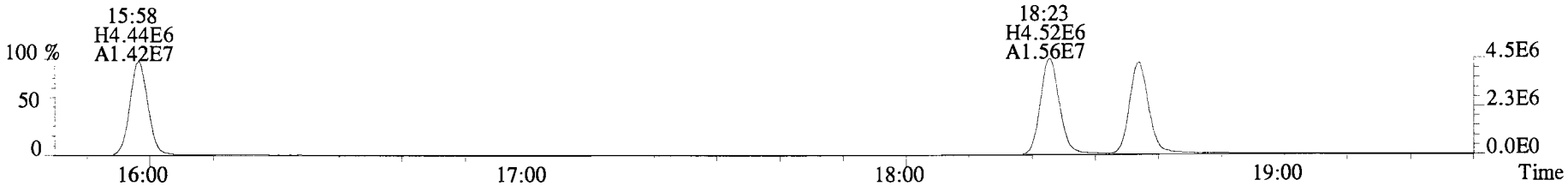
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.01e+08	1.52 y	1.00	25:51	100
13C-PCB-31	9.08e+07	1.01 y	1.00	28:54	100
13C-PCB-60	9.88e+07	0.78 y	1.00	36:41	100
13C-PCB-111	7.36e+07	1.55 y	1.00	39:10	100
13C-PCB-128	6.03e+07	1.29 y	1.00	46:16	100
13C-PCB-182	4.70e+07	0.45 y	1.00	46:06	100
13C-PCB-205	6.00e+07	0.91 y	1.00	54:19	100

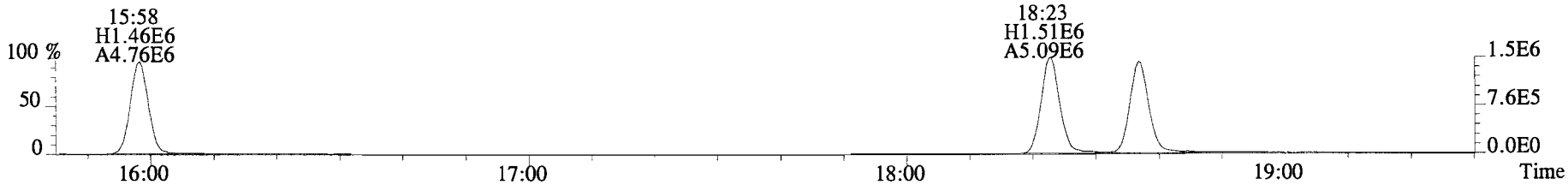
Analyst: DB

Date: 4/10/18

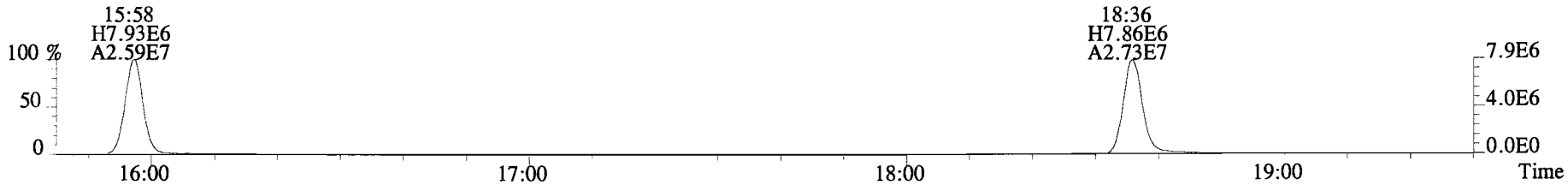
File:180409E1 #1-866 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6336.0,0.00%,F,F)



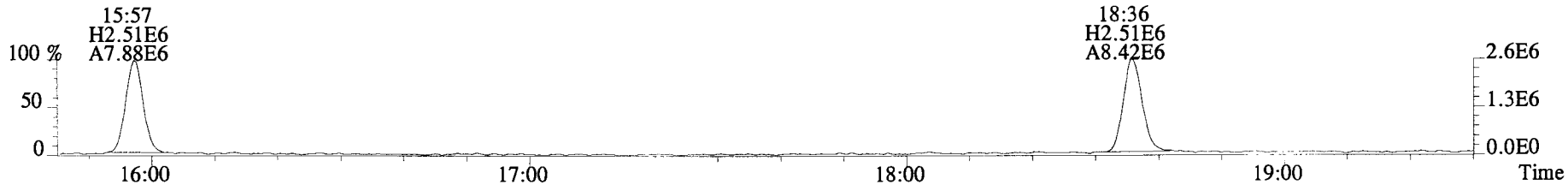
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4256.0,0.00%,F,F)



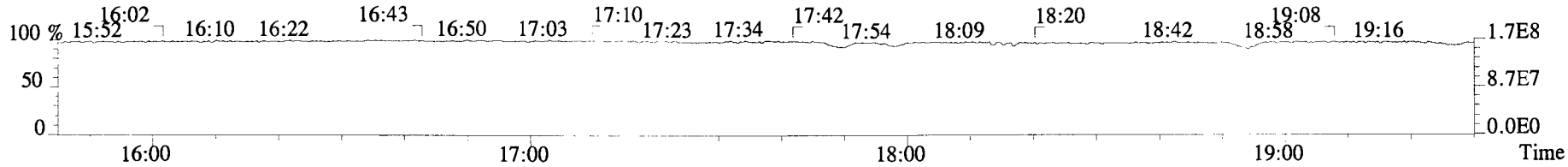
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6792.0,0.00%,F,F)



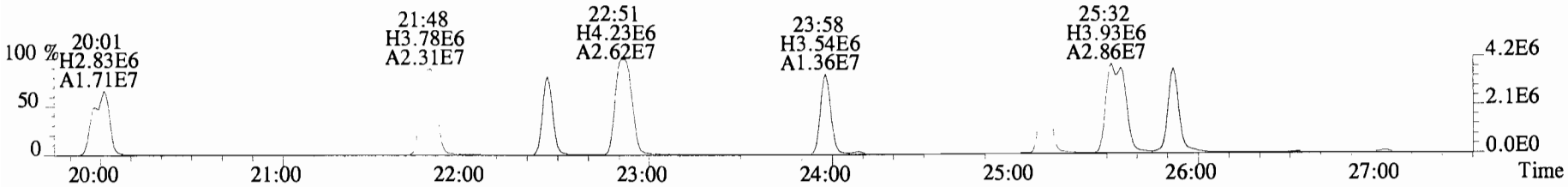
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74900.0,0.00%,F,F)



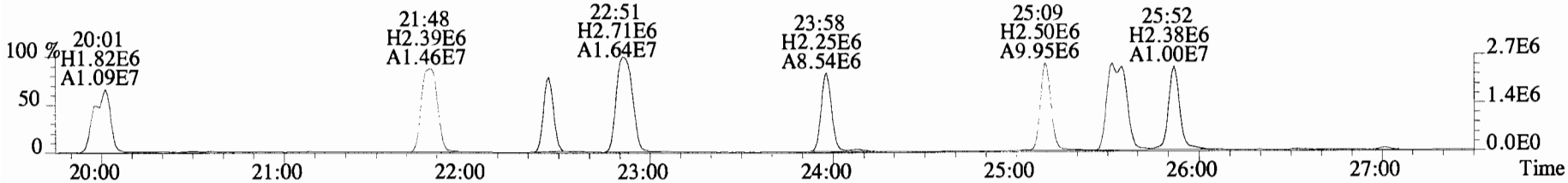
180.9880 S:2



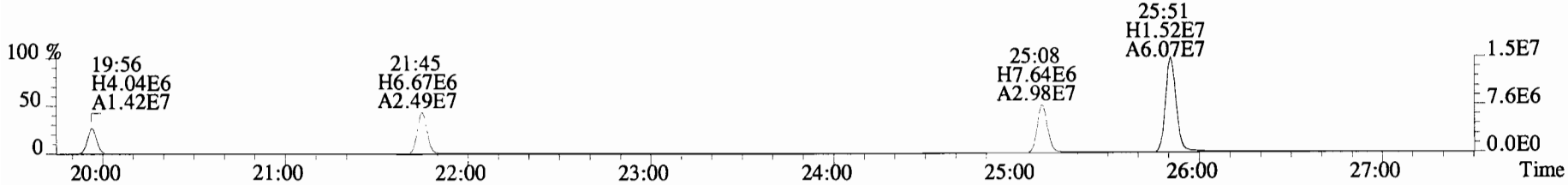
File:180409E1 #1-758 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5244.0,0.00%,F,F)



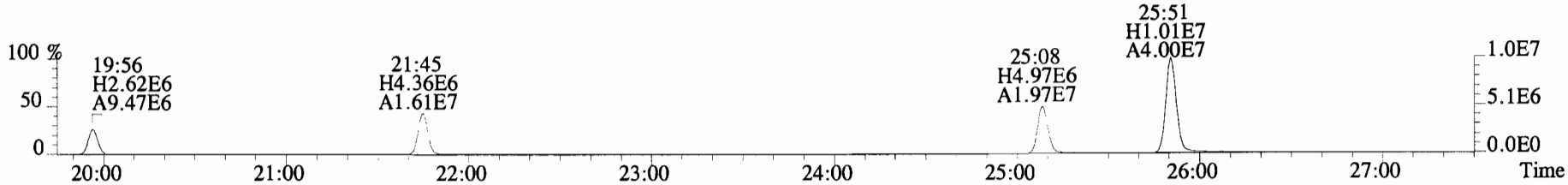
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22128.0,0.00%,F,F)



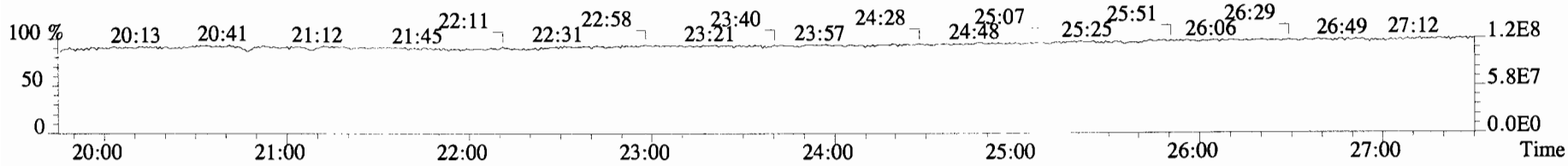
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



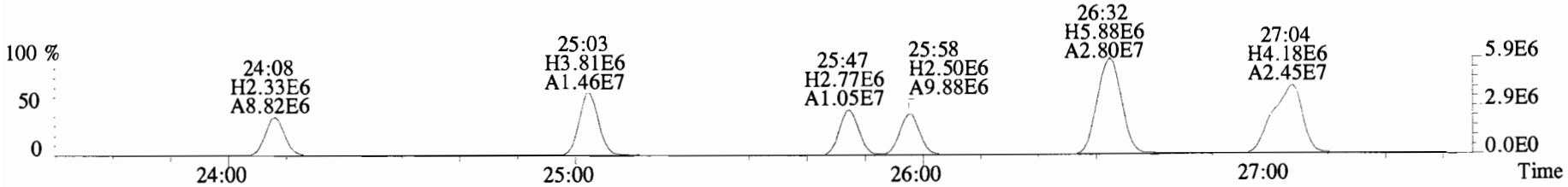
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2652.0,0.00%,F,F)



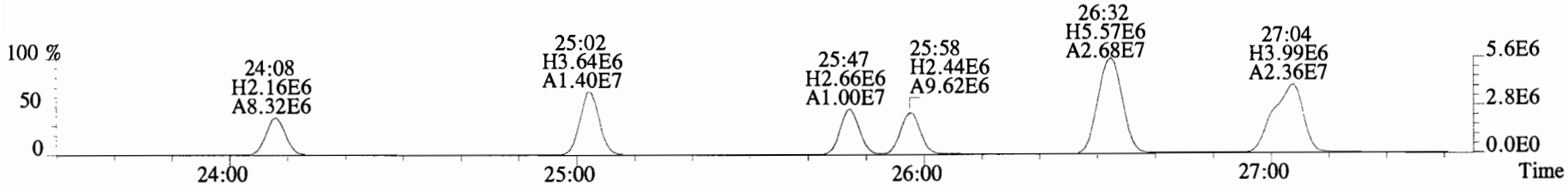
230.9856 S:2 F:2



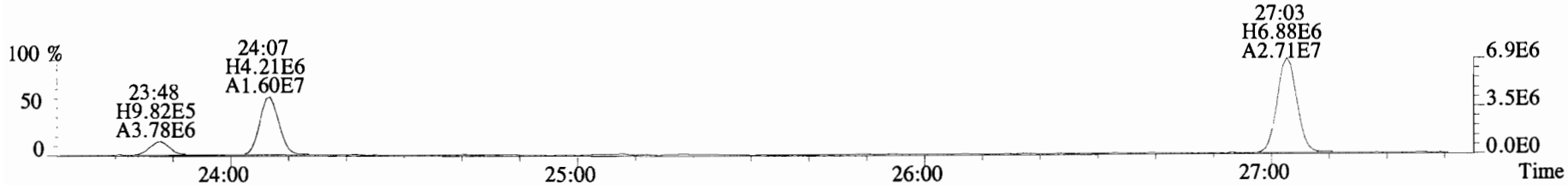
File:180409E1 #1-758 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



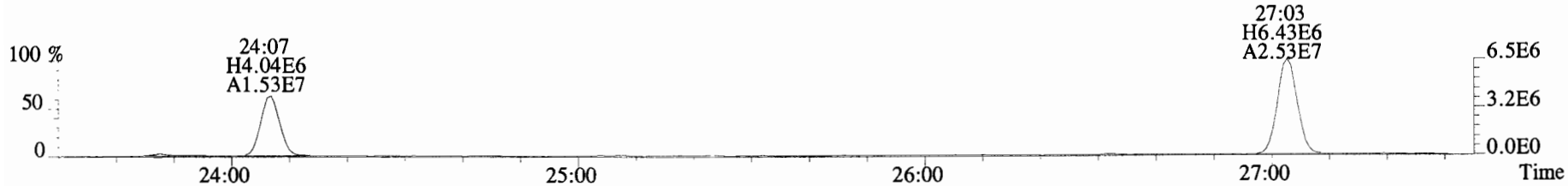
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2504.0,0.00%,F,F)



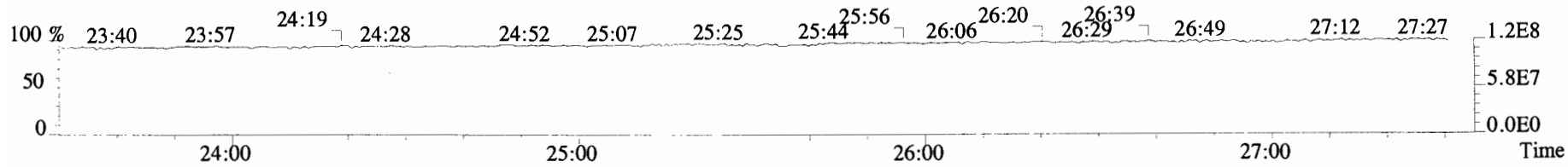
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68488.0,0.00%,F,F)



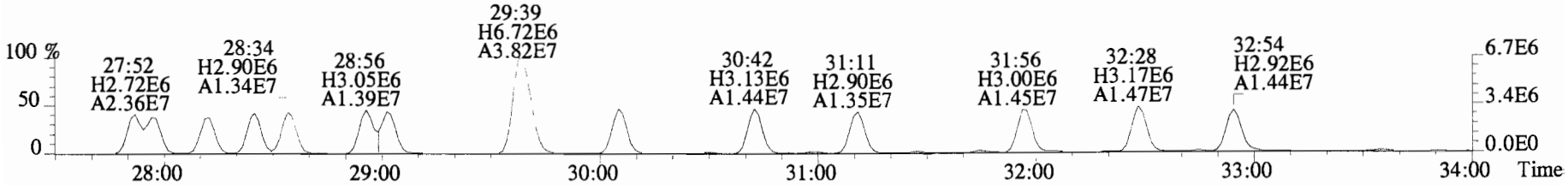
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53748.0,0.00%,F,F)



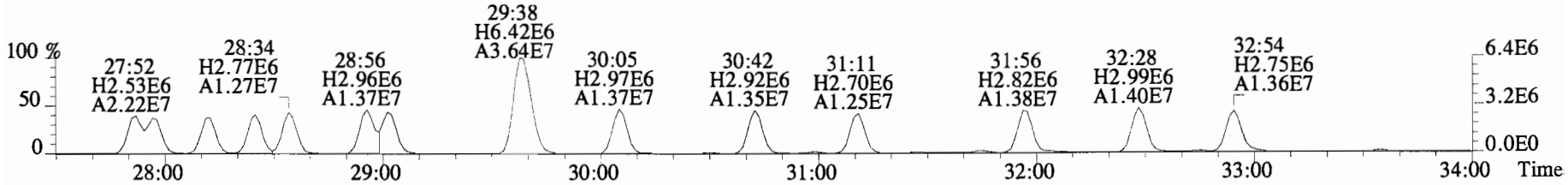
230.9856 S:2 F:2



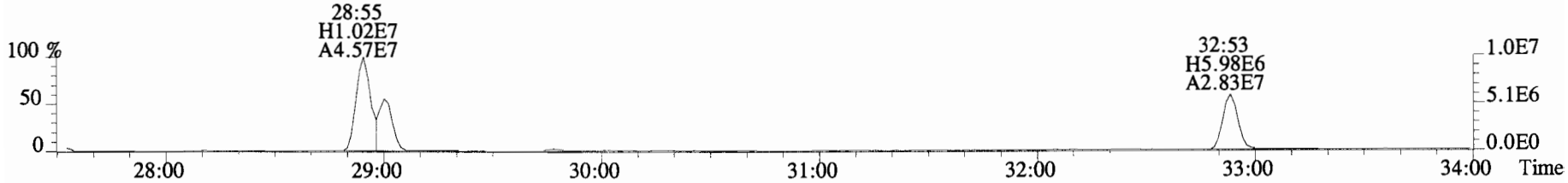
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14820.0,0.00%,F,F)



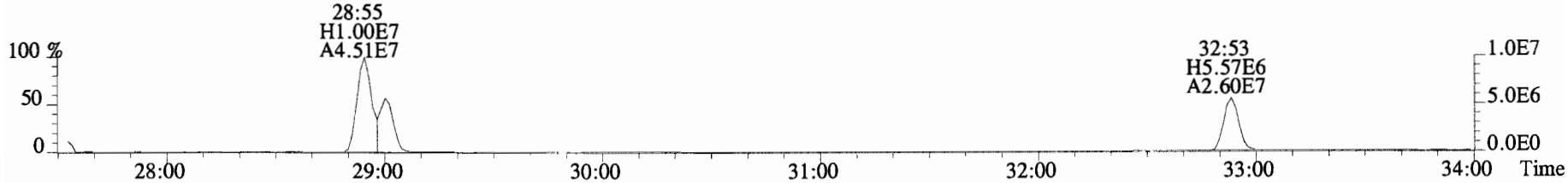
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6576.0,0.00%,F,F)



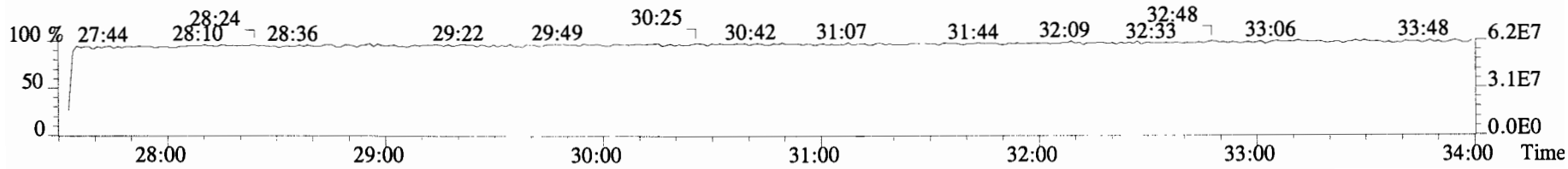
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,92880.0,0.00%,F,F)



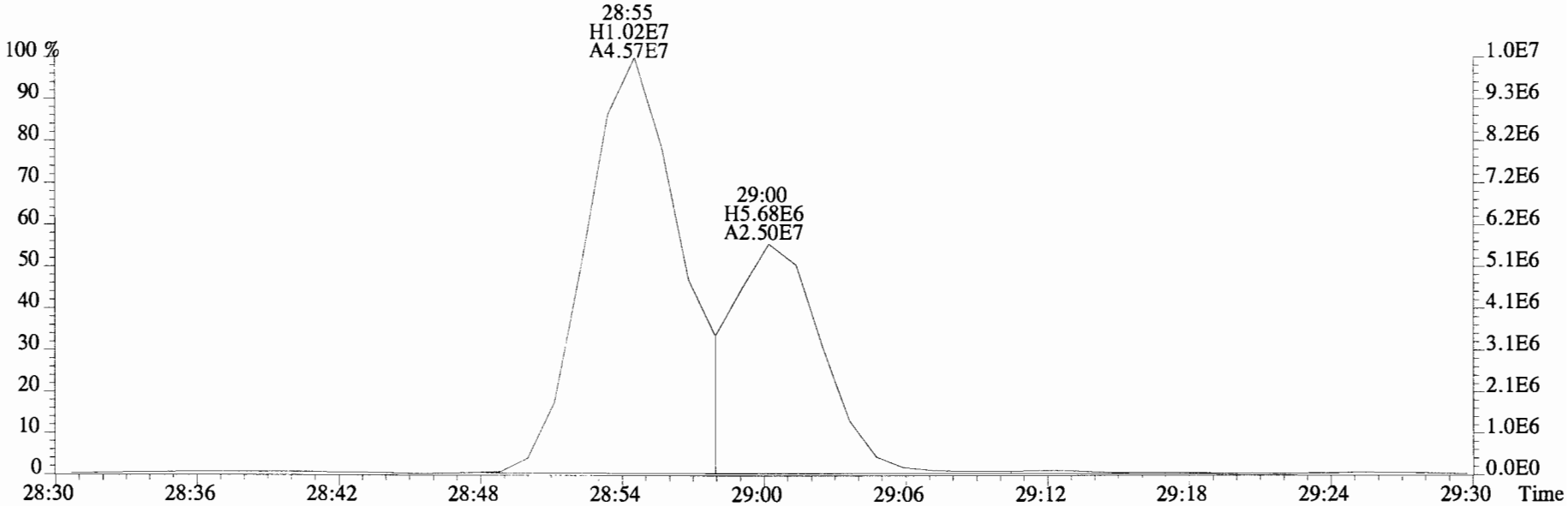
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56240.0,0.00%,F,F)



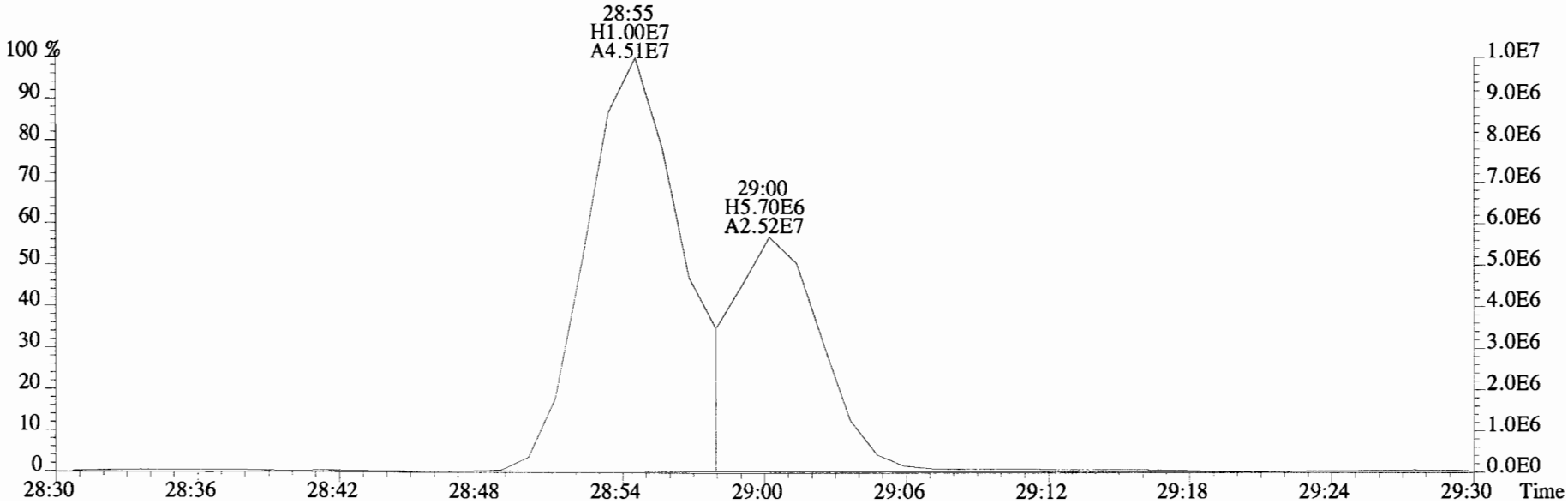
330.9792 S:2 F:3



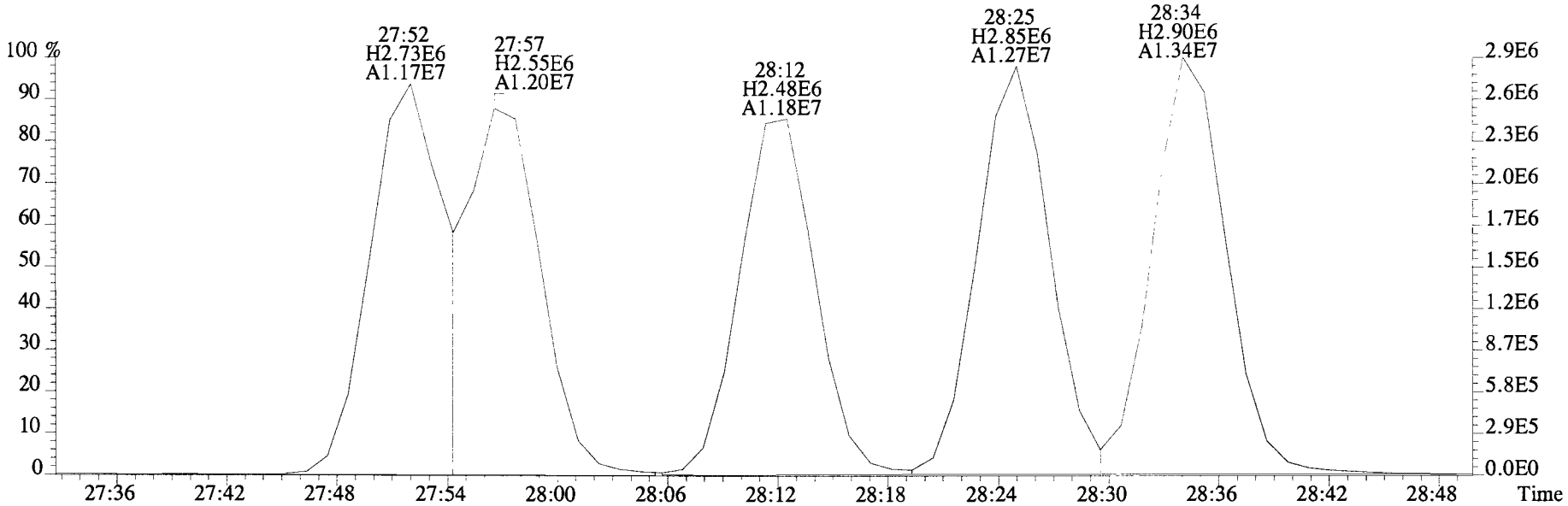
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,92880.0,0.00%,F,F)



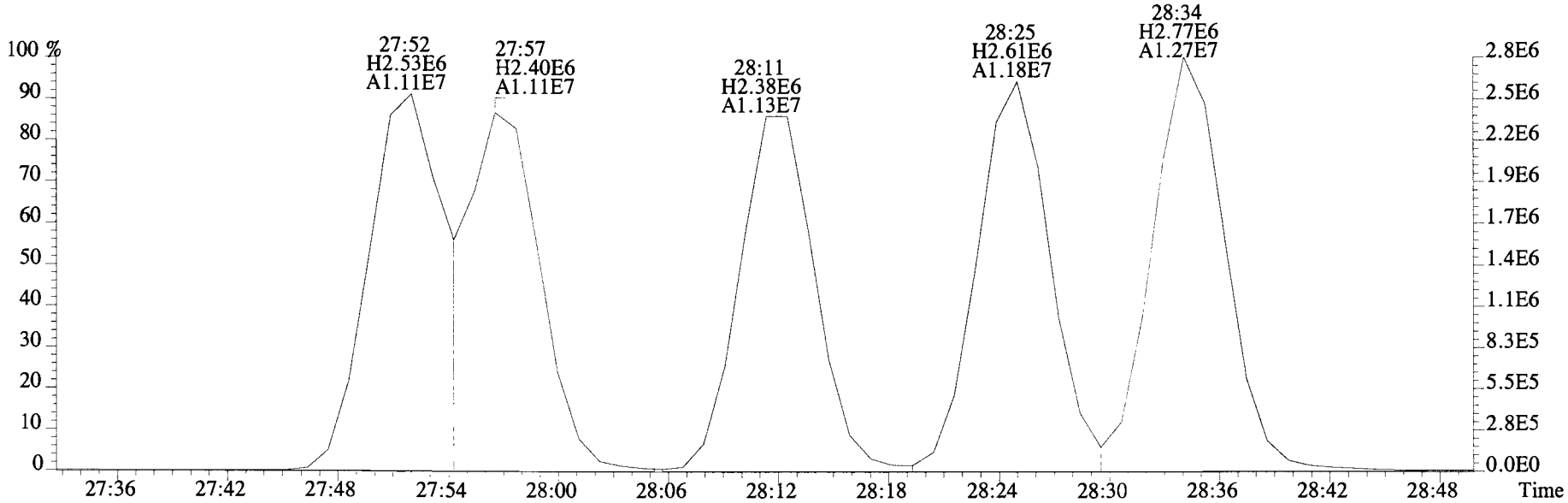
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56240.0,0.00%,F,F)



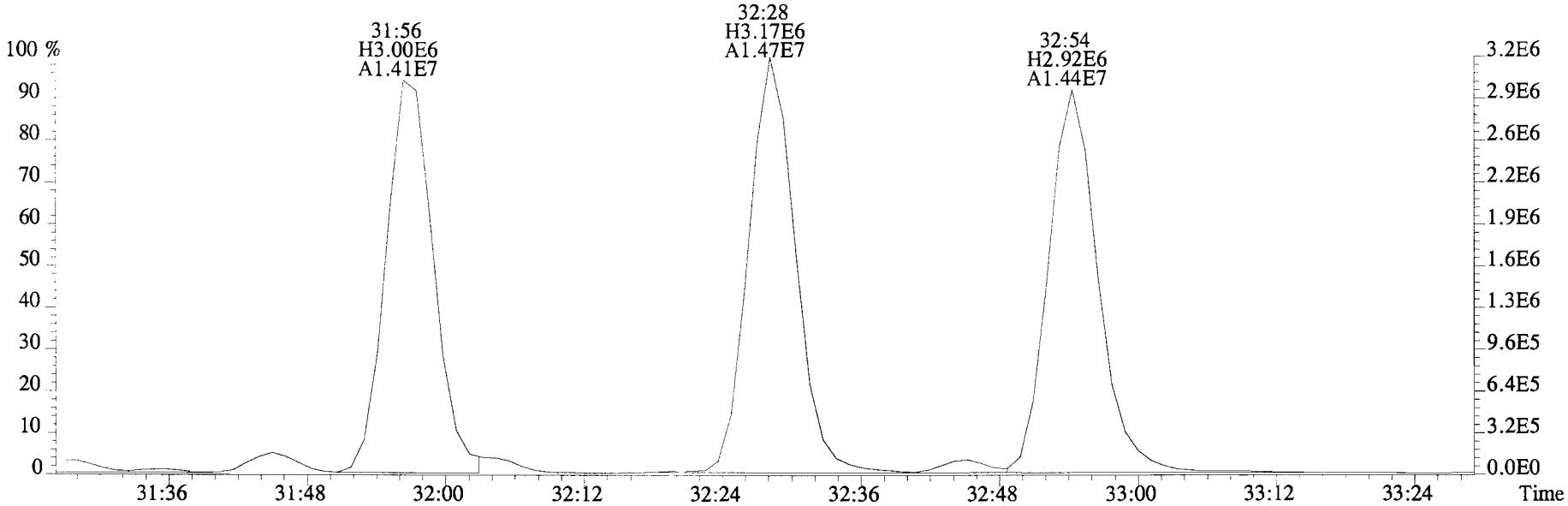
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14820.0,0.00%,F,F)



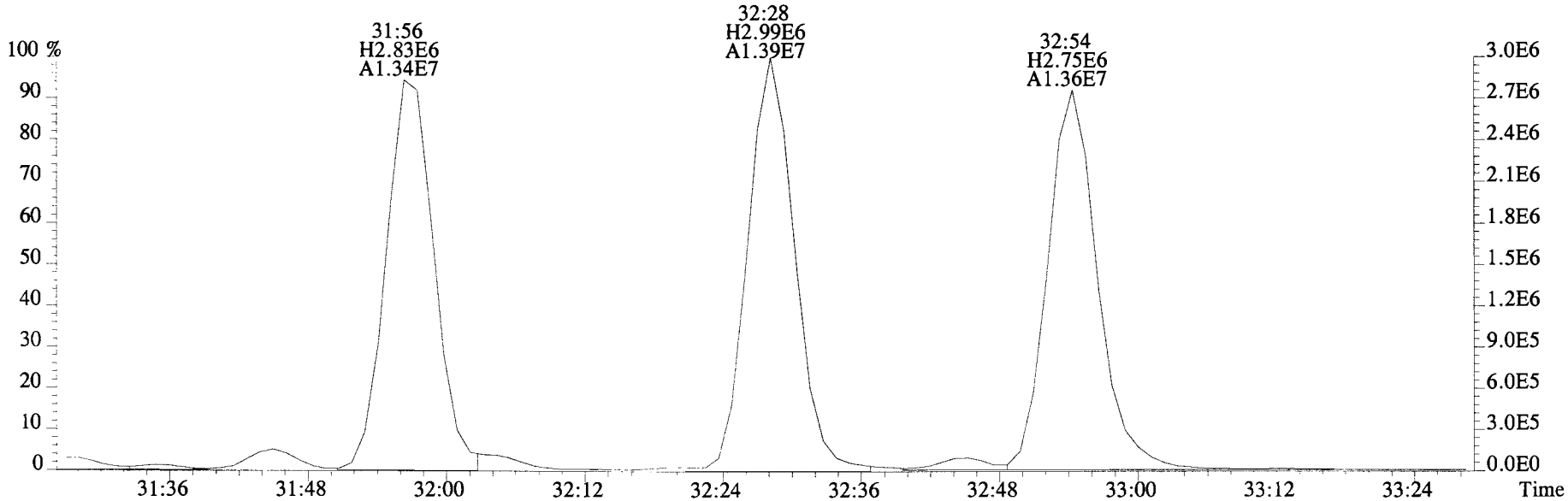
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6576.0,0.00%,F,F)



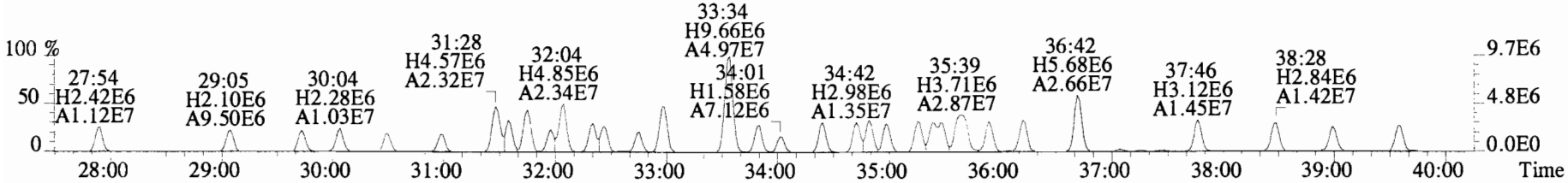
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14820.0,0.00%,F,F)



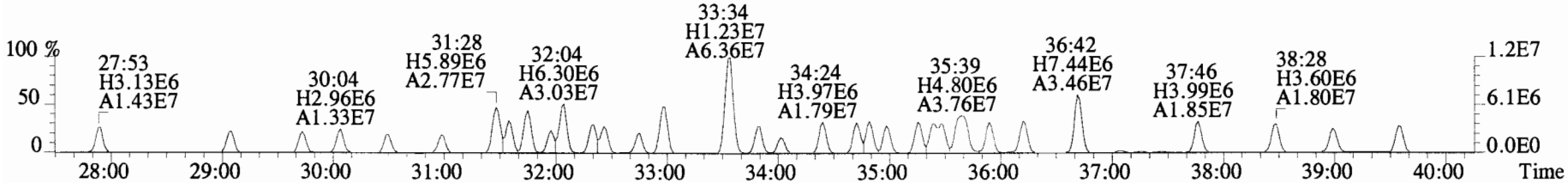
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6576.0,0.00%,F,F)



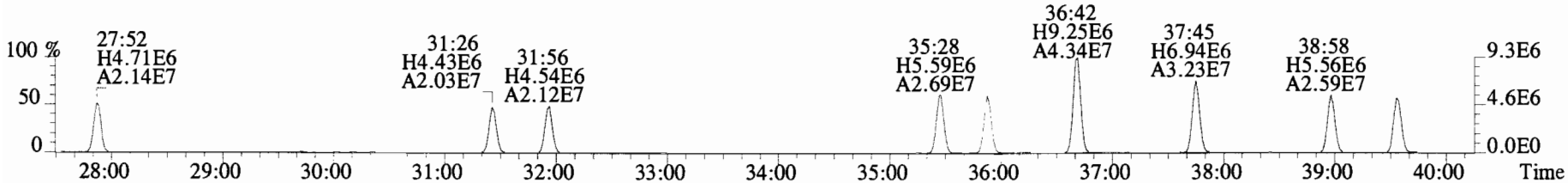
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6752.0,0.00%,F,F)



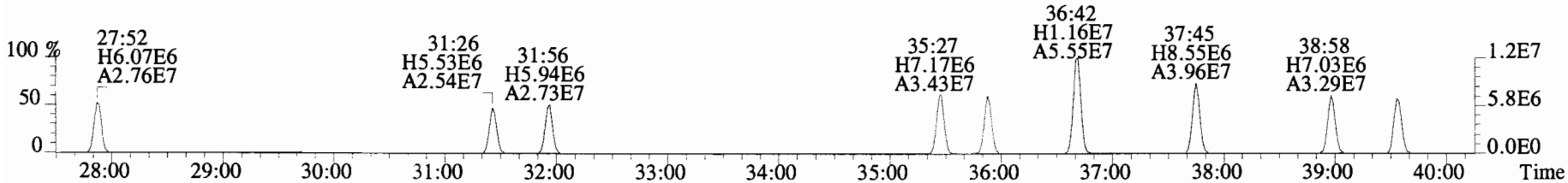
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14460.0,0.00%,F,F)



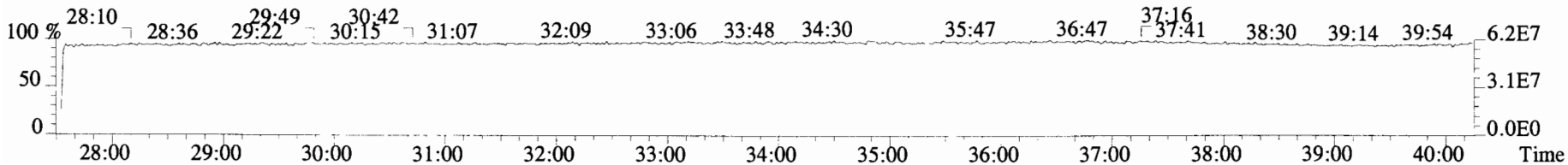
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24588.0,0.00%,F,F)



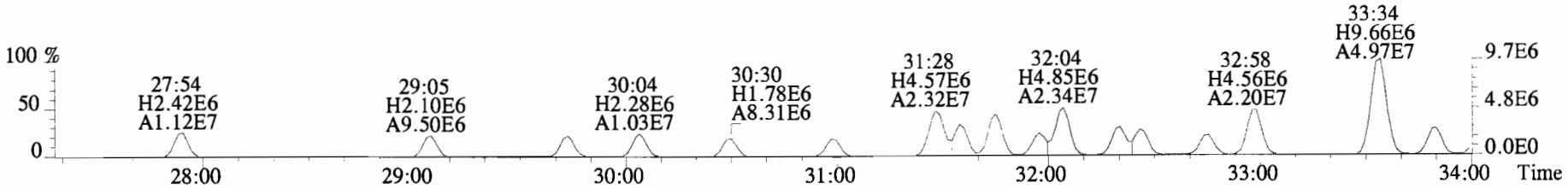
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17352.0,0.00%,F,F)



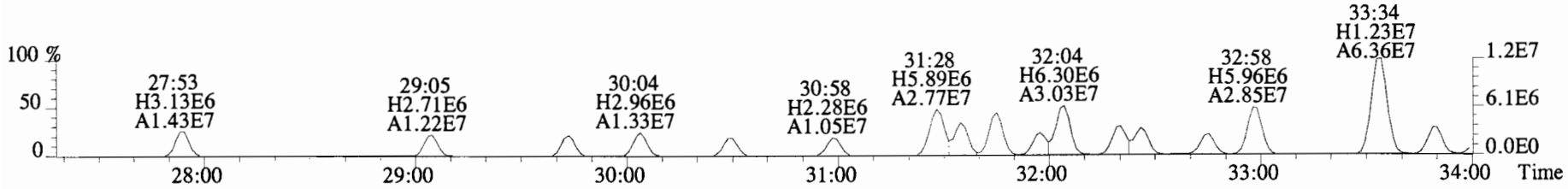
330.9792 S:2 F:3



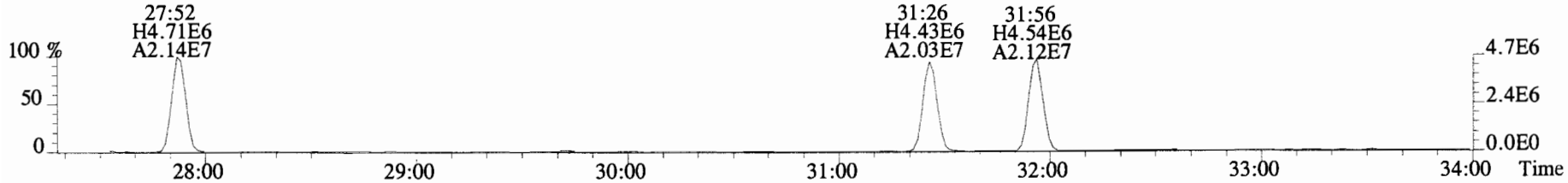
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6752.0,0.00%,F,F)



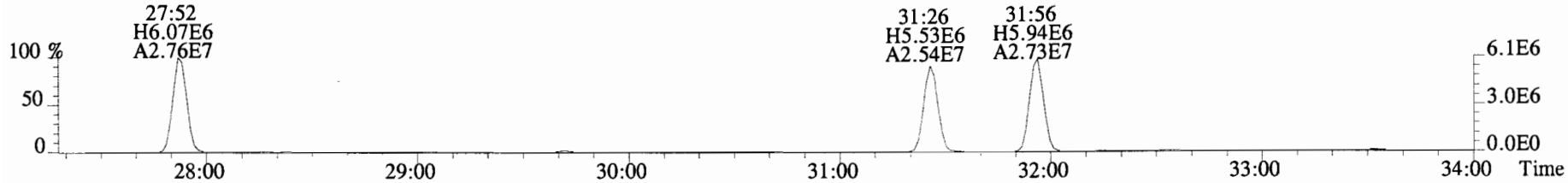
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14460.0,0.00%,F,F)



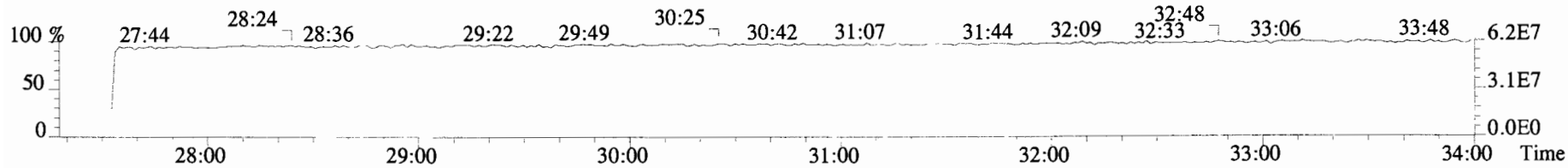
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24588.0,0.00%,F,F)



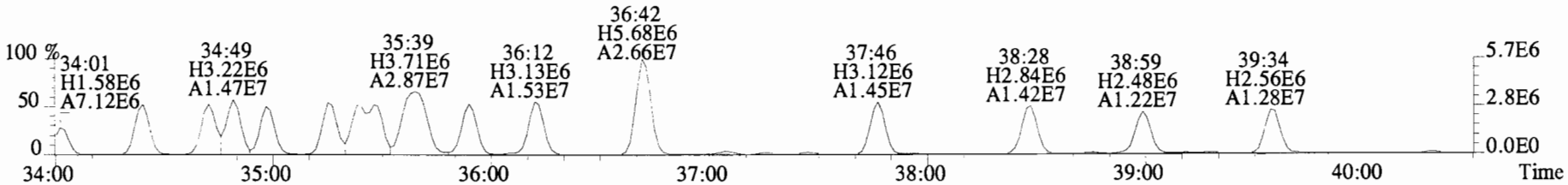
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17352.0,0.00%,F,F)



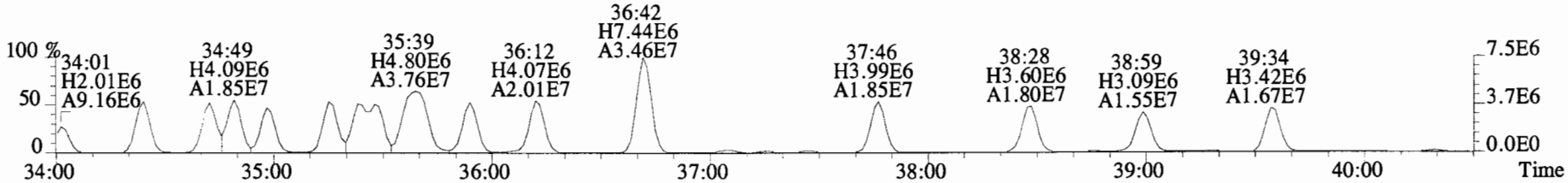
330.9792 S:2 F:3



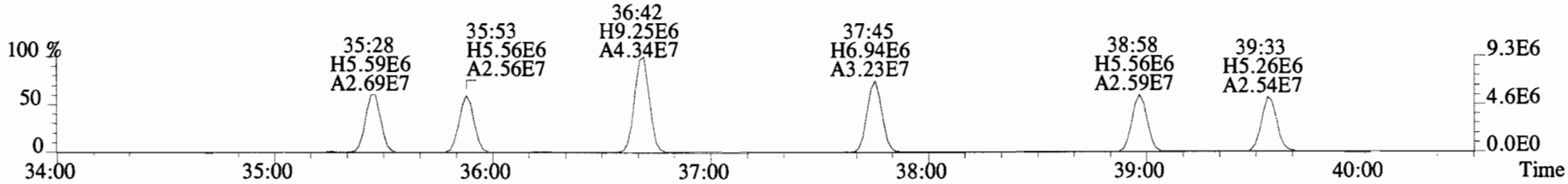
File:180409E1 #1-75b Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6752.0,0.00%,F,F)



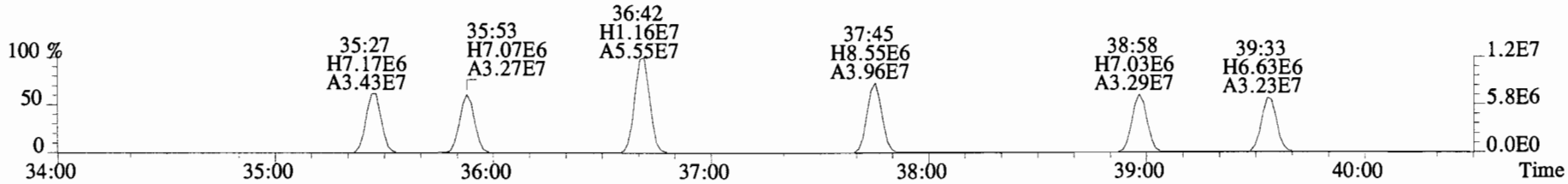
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14460.0,0.00%,F,F)



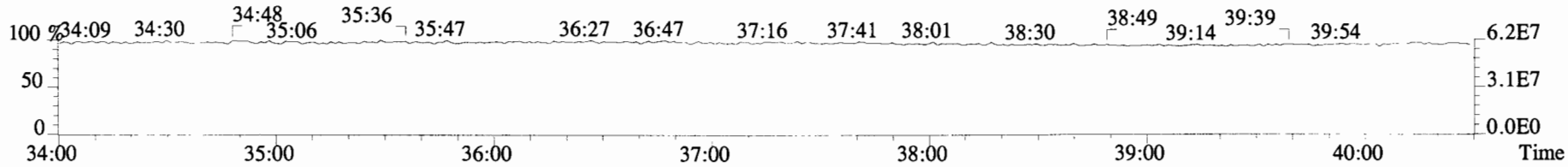
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24588.0,0.00%,F,F)



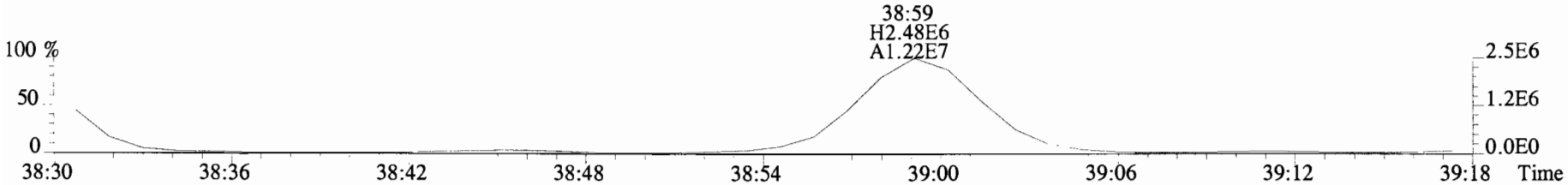
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17352.0,0.00%,F,F)



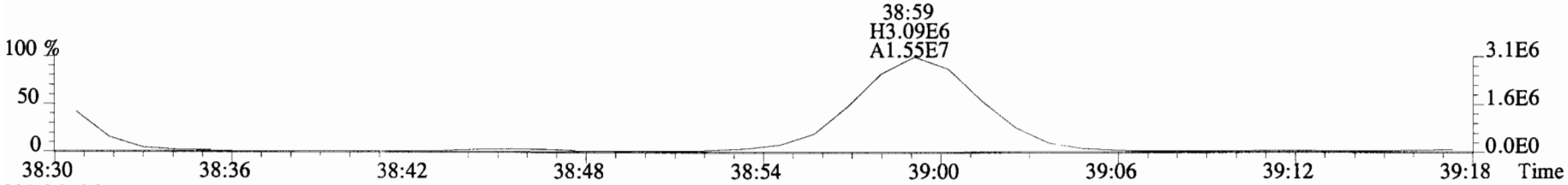
330.9792 S:2 F:3



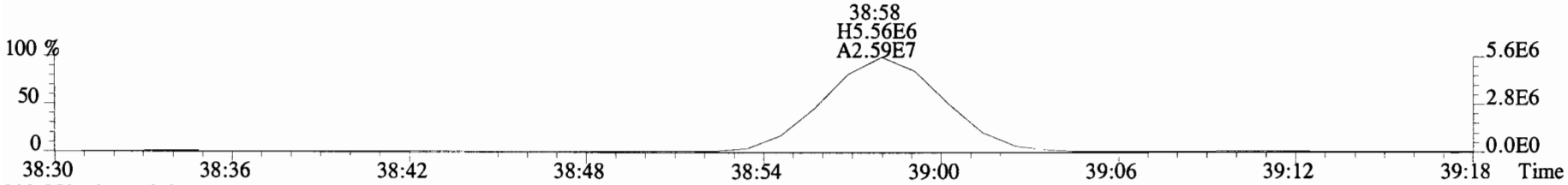
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6752.0,0.00%,F,F)



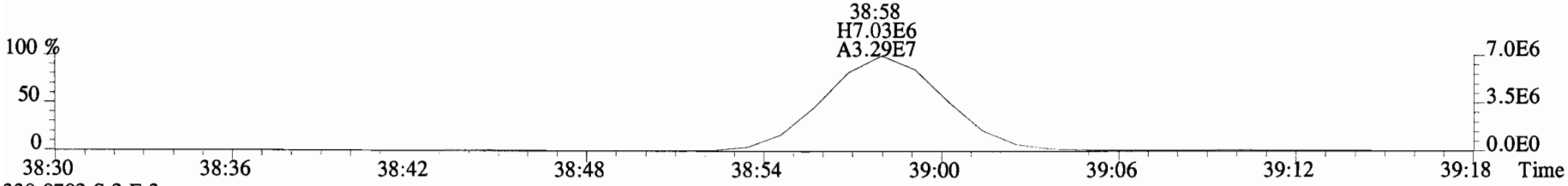
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14460.0,0.00%,F,F)



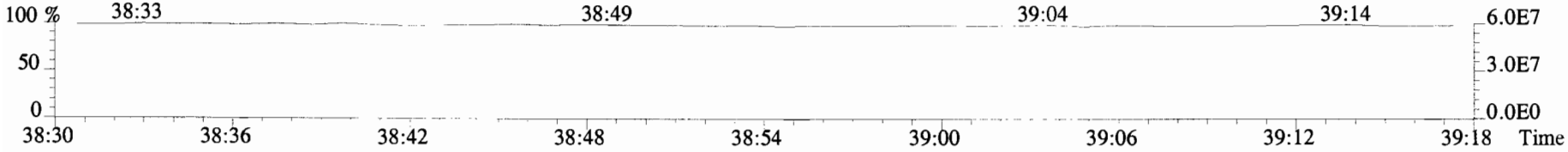
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24588.0,0.00%,F,F)



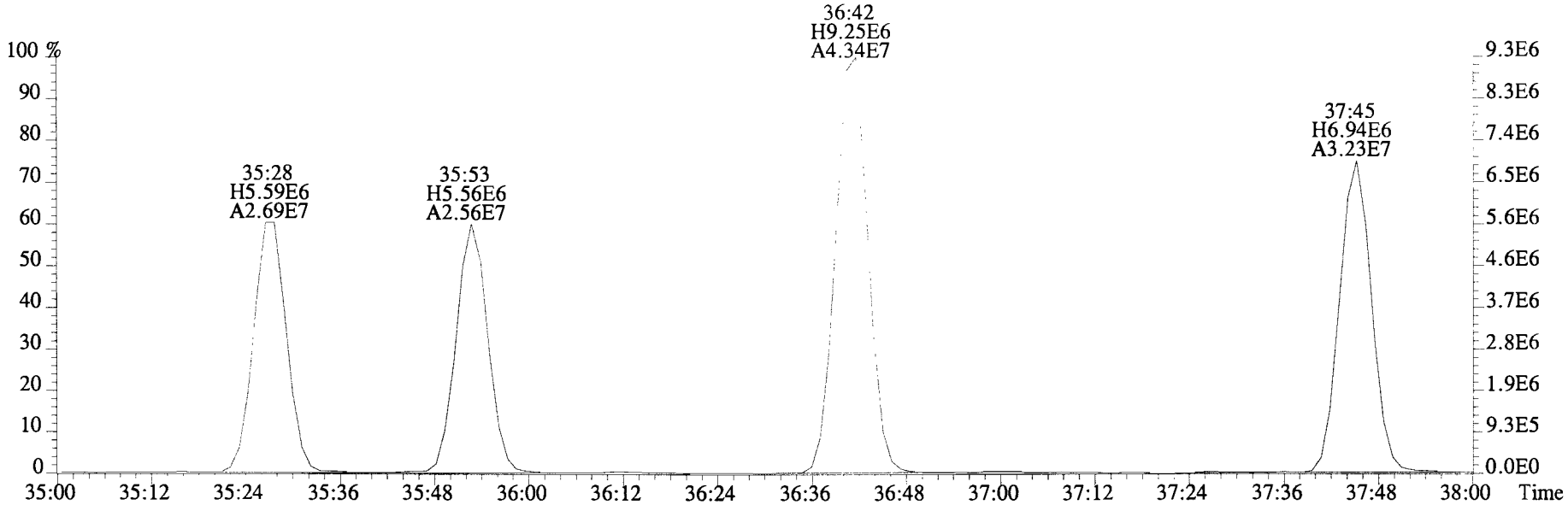
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17352.0,0.00%,F,F)



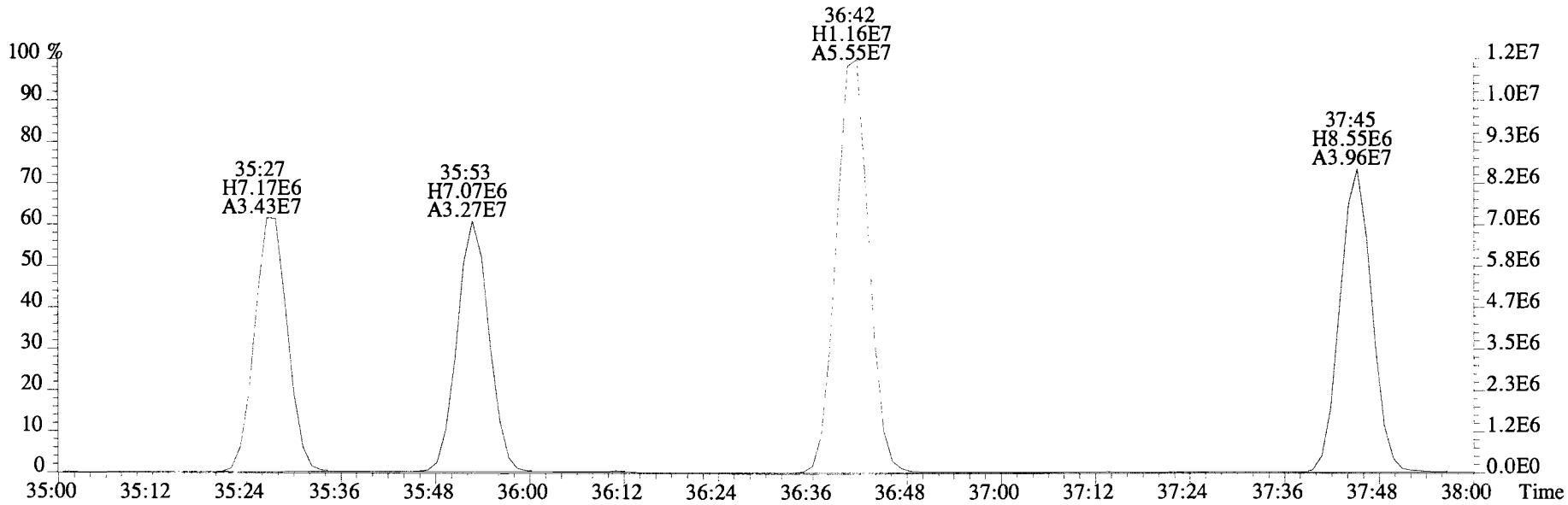
330.9792 S:2 F:3



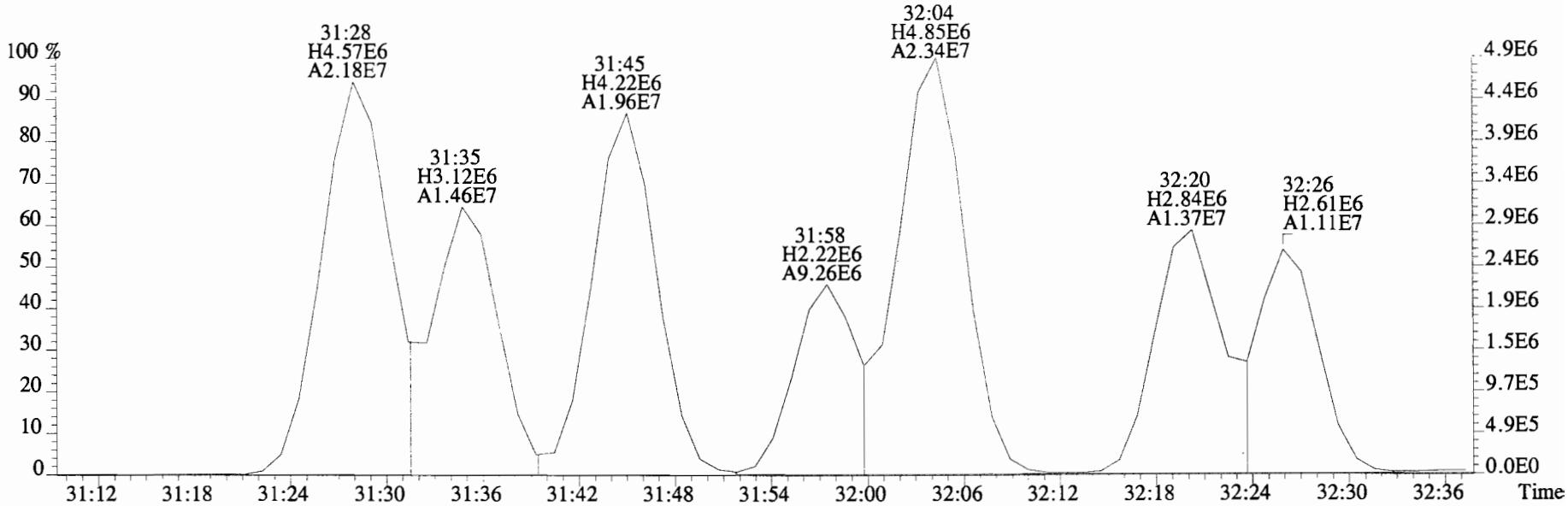
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24588.0,0.00%,F,F)



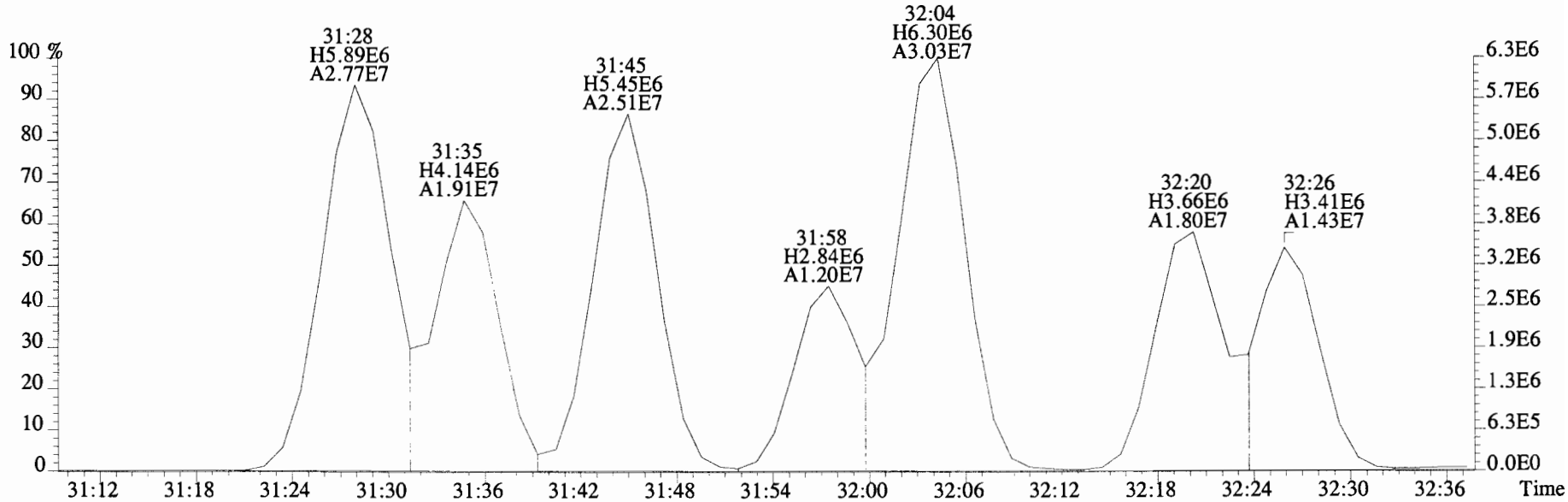
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17352.0,0.00%,F,F)



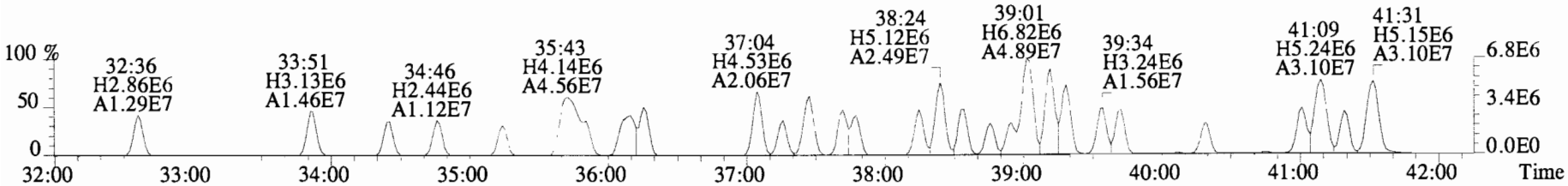
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6752.0,0.00%,F,F)



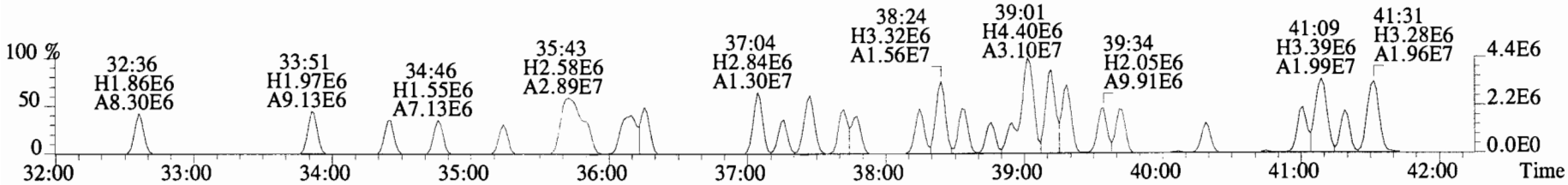
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14460.0,0.00%,F,F)



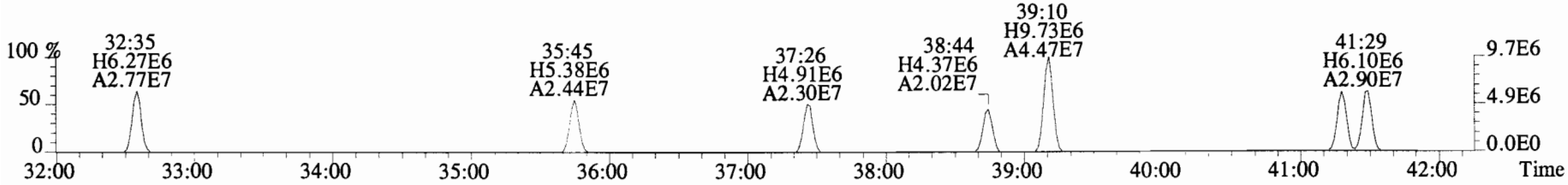
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



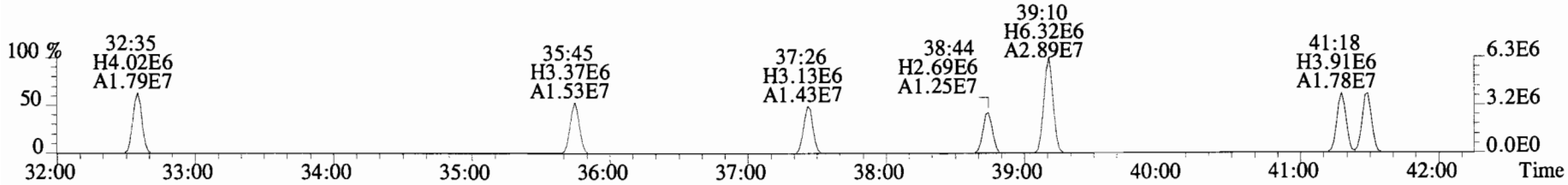
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



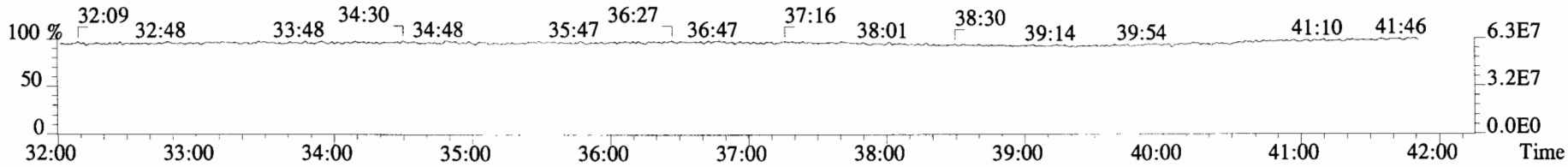
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3840.0,0.00%,F,F)



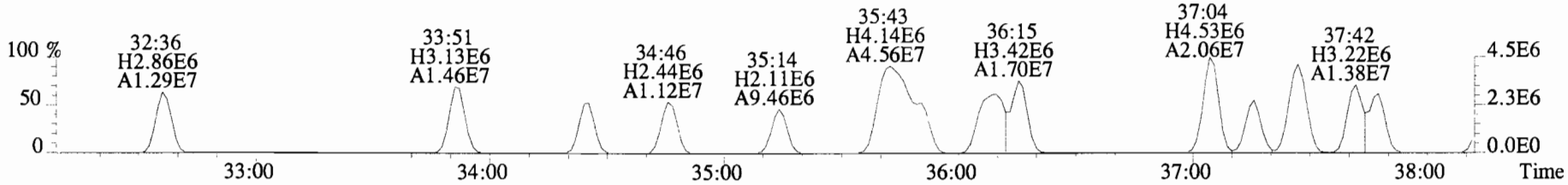
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2980.0,0.00%,F,F)



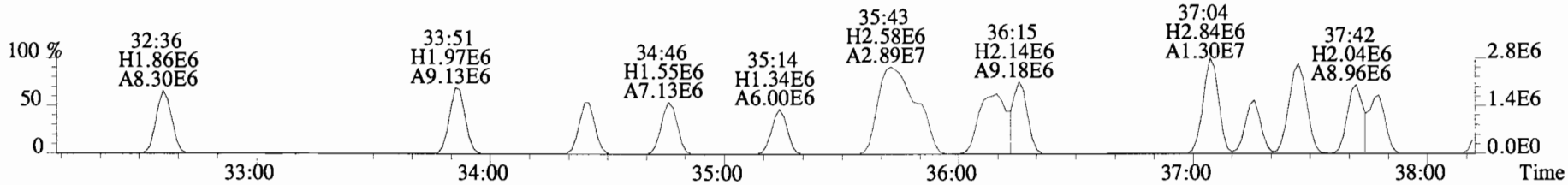
330.9792 S:2 F:3



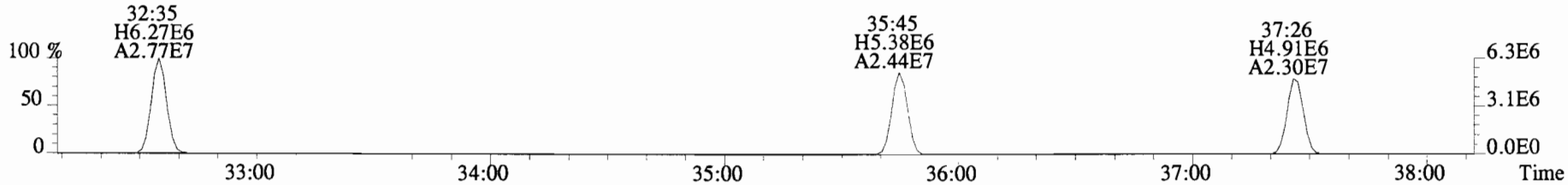
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



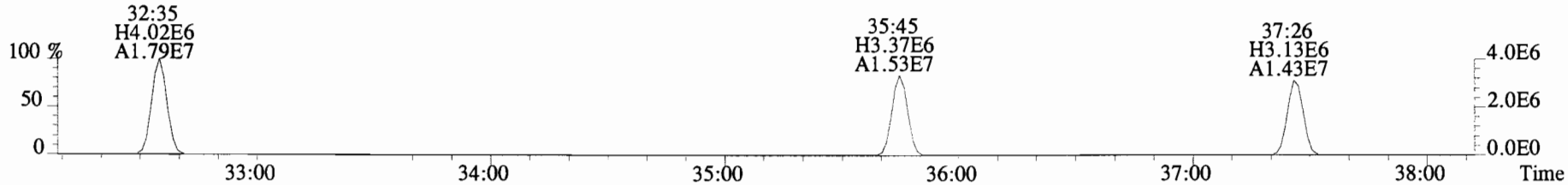
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



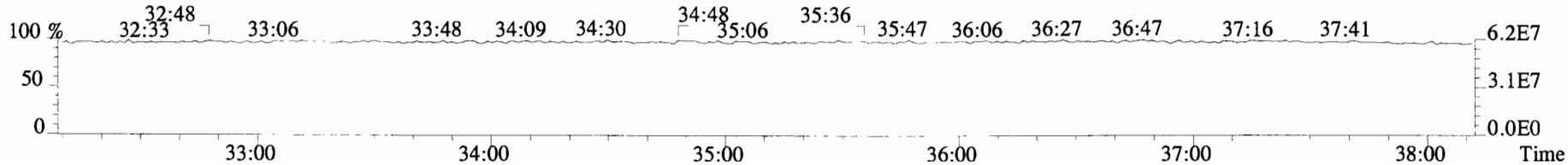
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3840.0,0.00%,F,F)



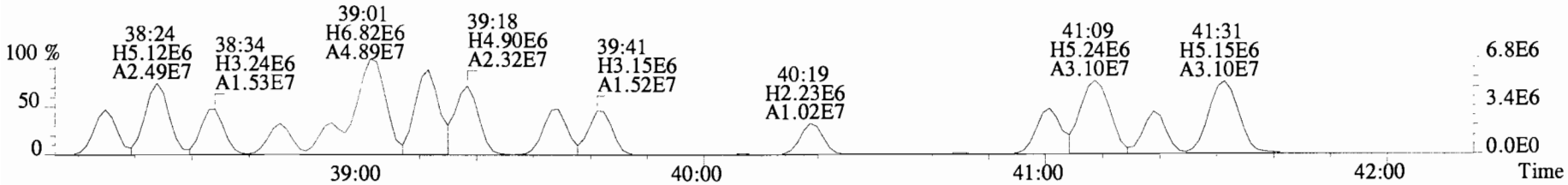
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2980.0,0.00%,F,F)



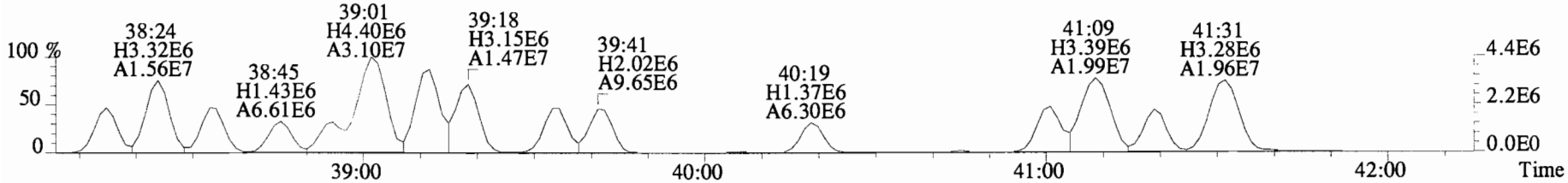
330.9792 S:2 F:3



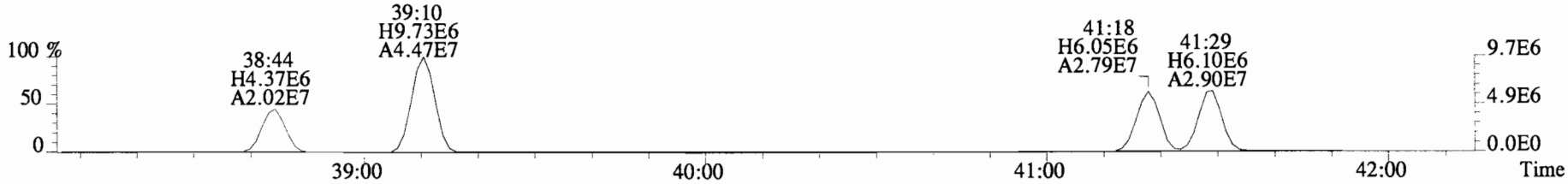
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



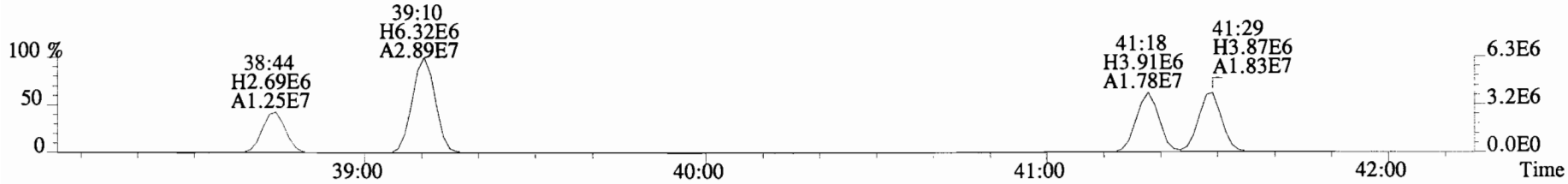
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



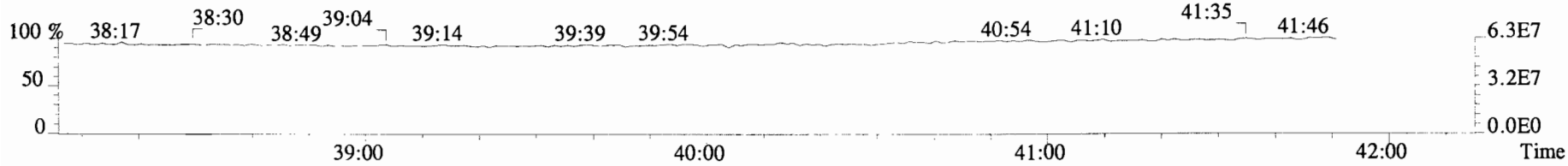
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3840.0,0.00%,F,F)



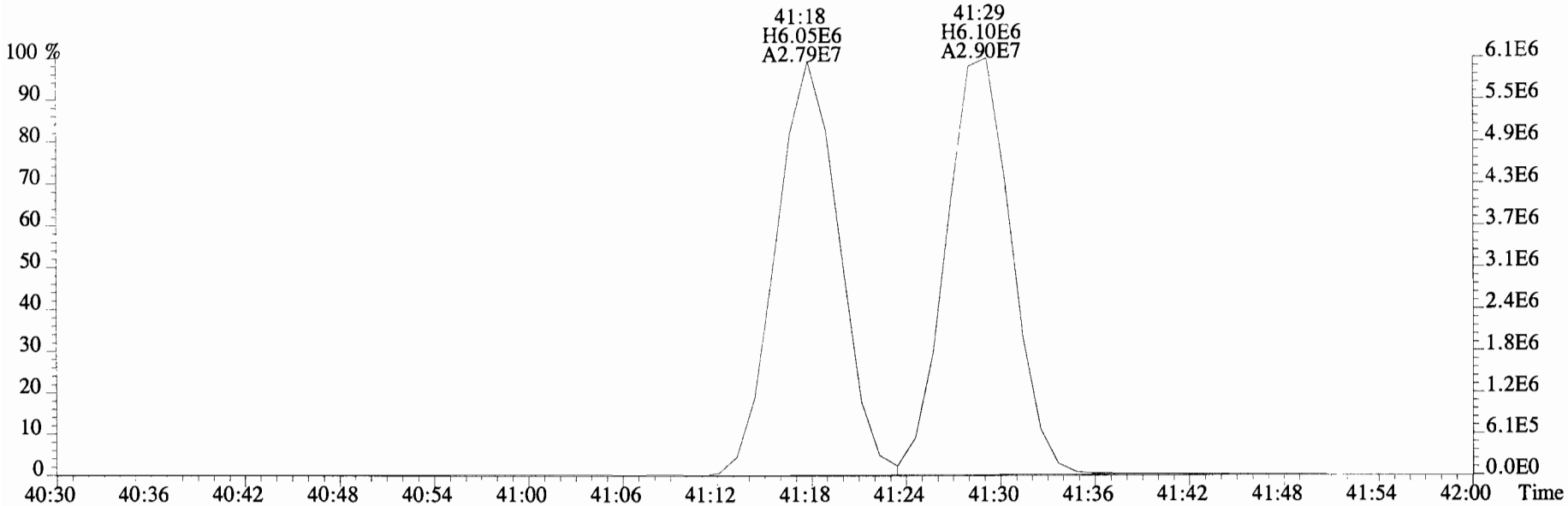
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2980.0,0.00%,F,F)



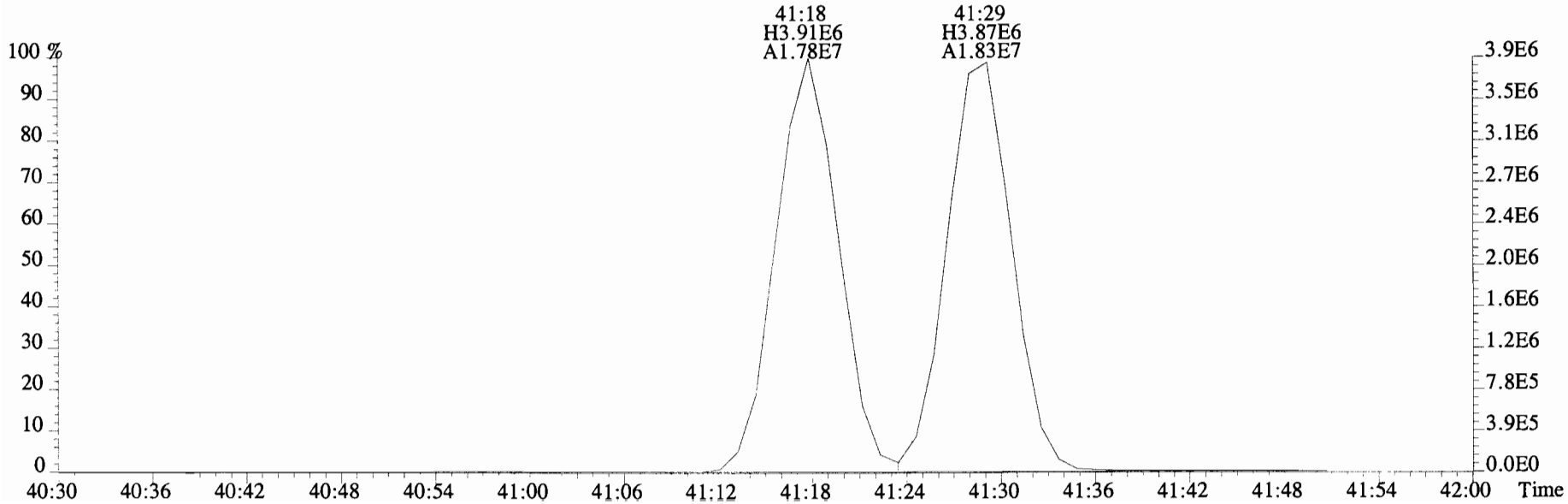
330.9792 S:2 F:3



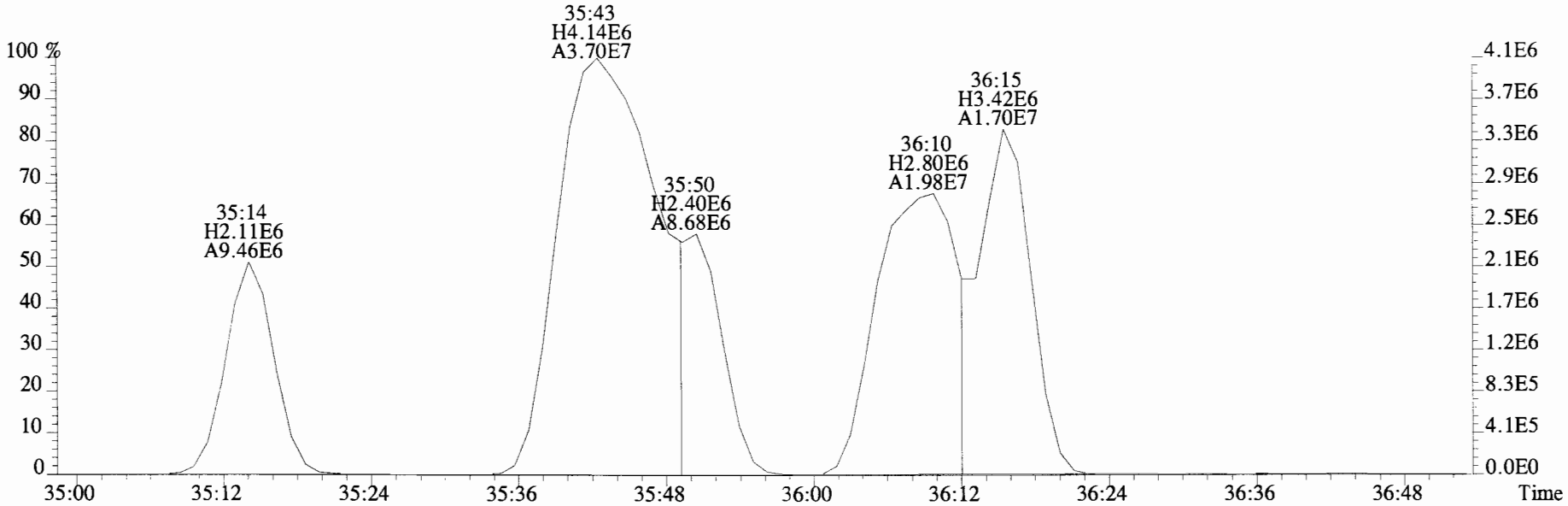
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3840.0,0.00%,F,F)



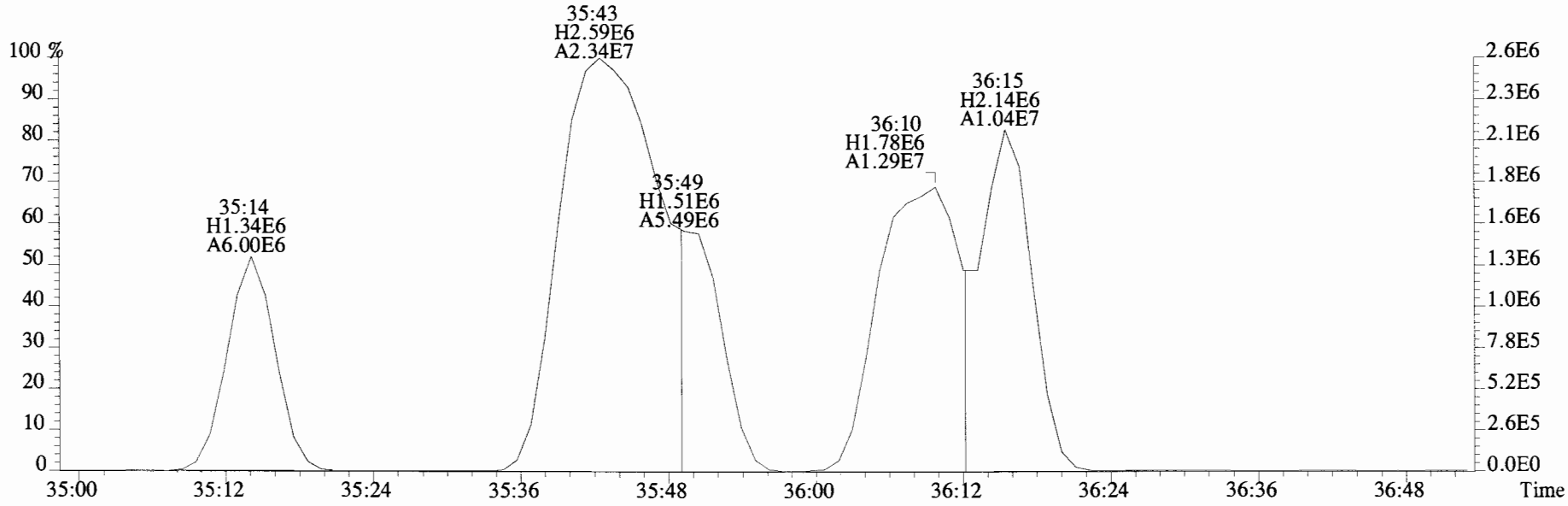
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2980.0,0.00%,F,F)



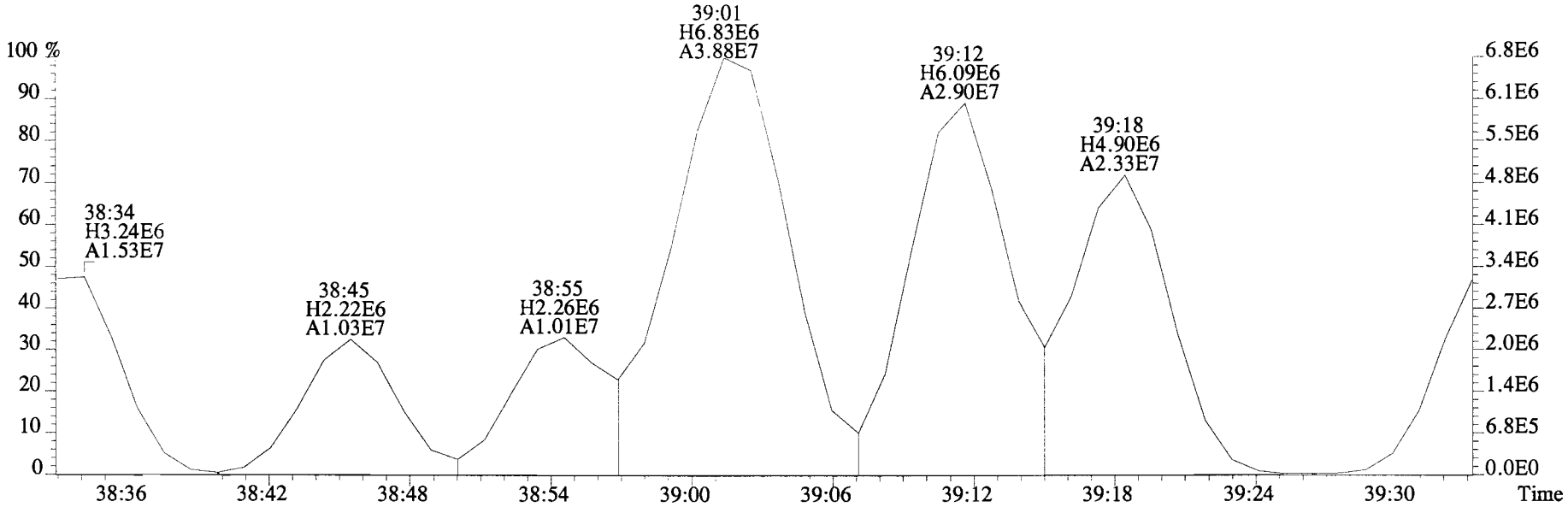
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0)



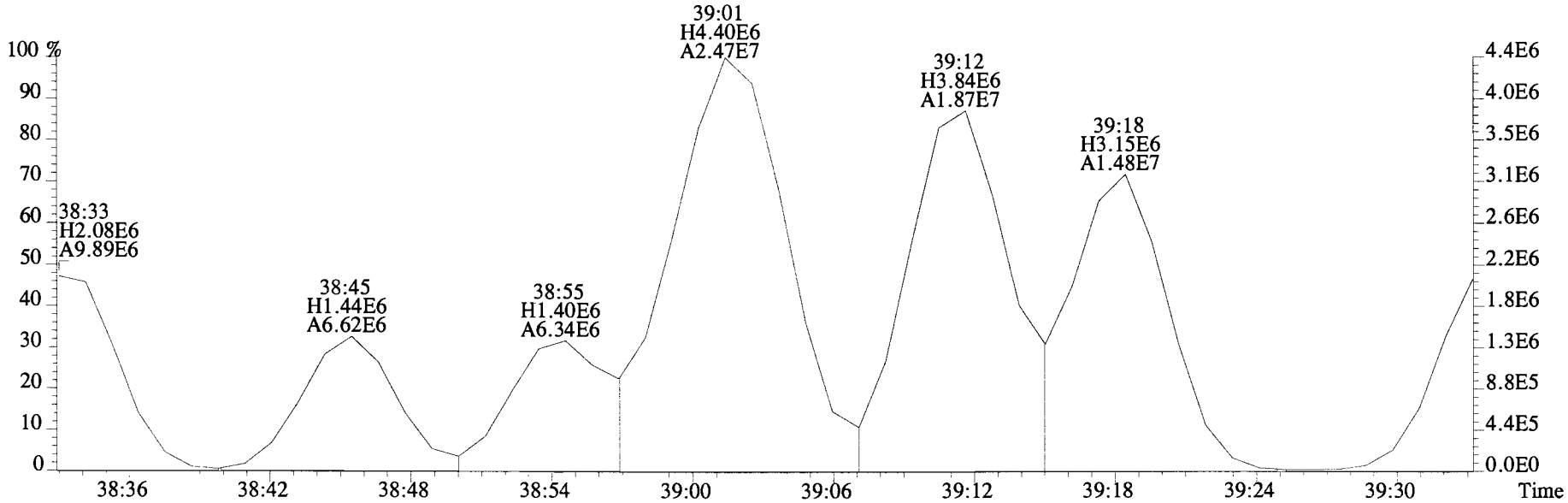
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0)



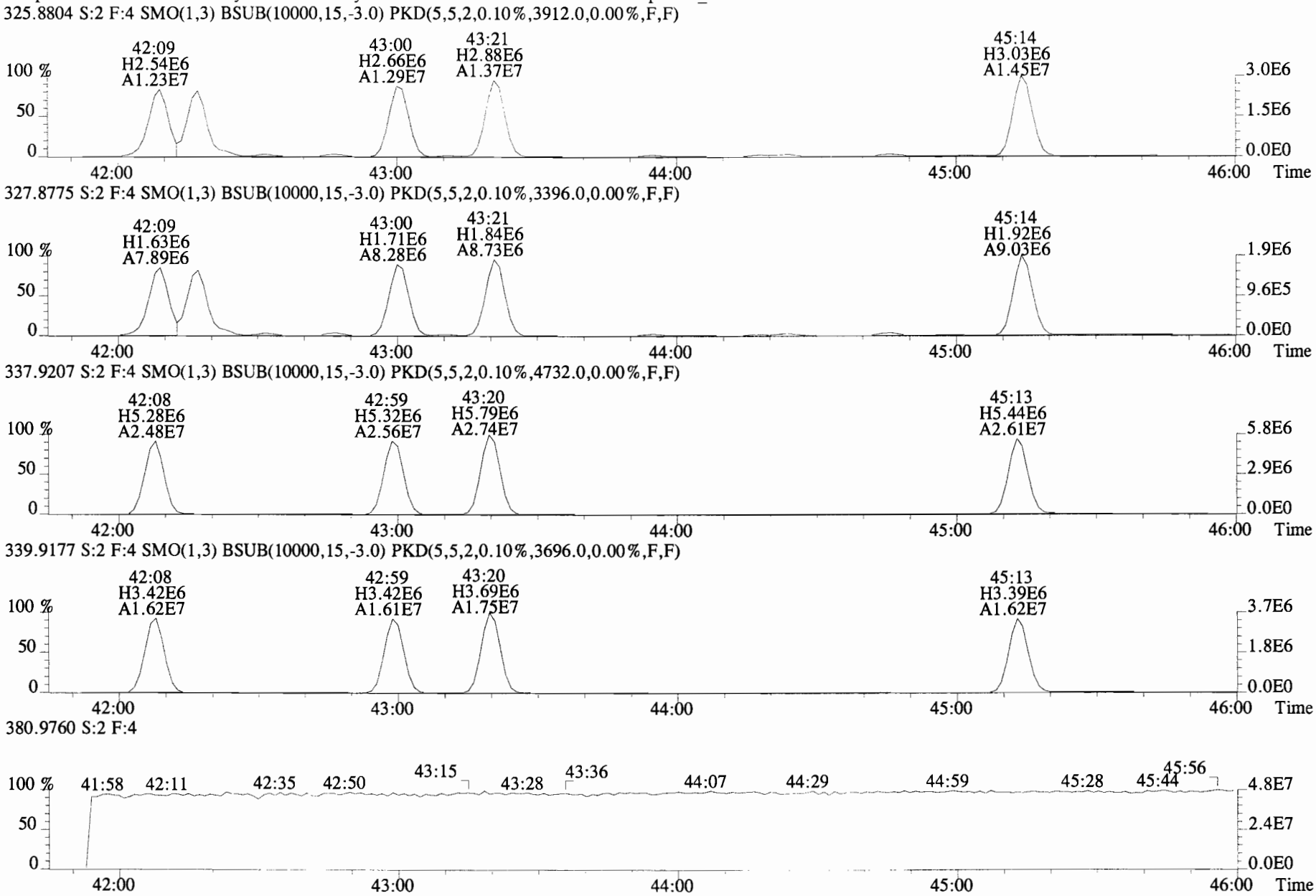
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



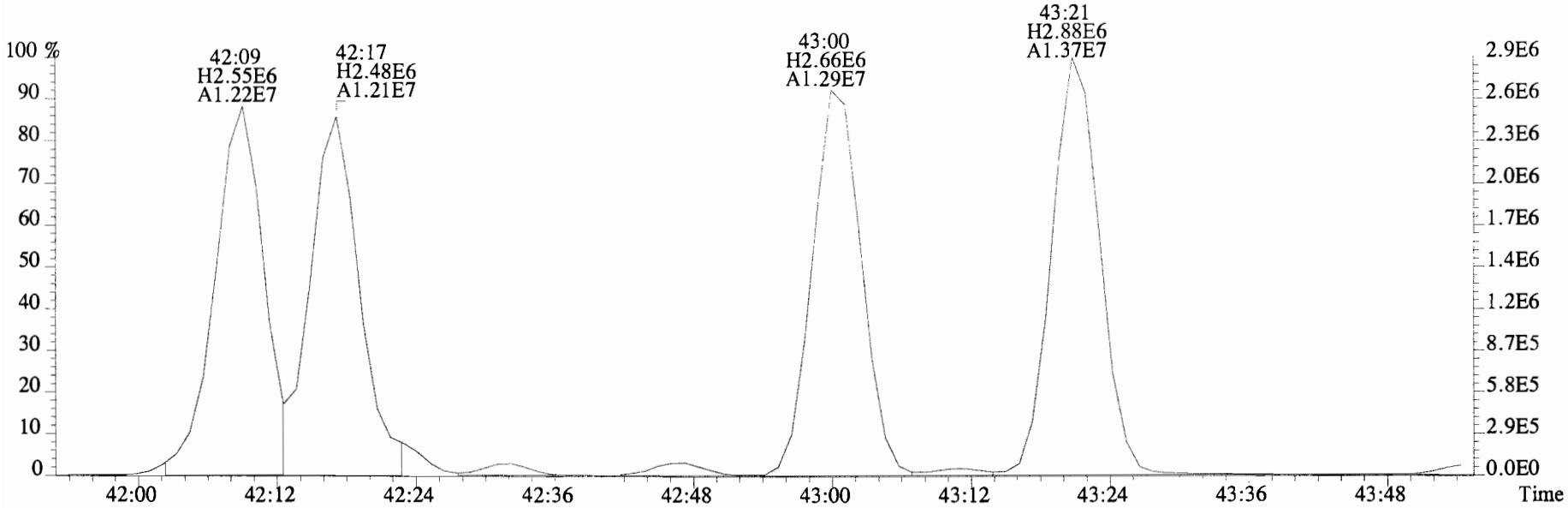
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



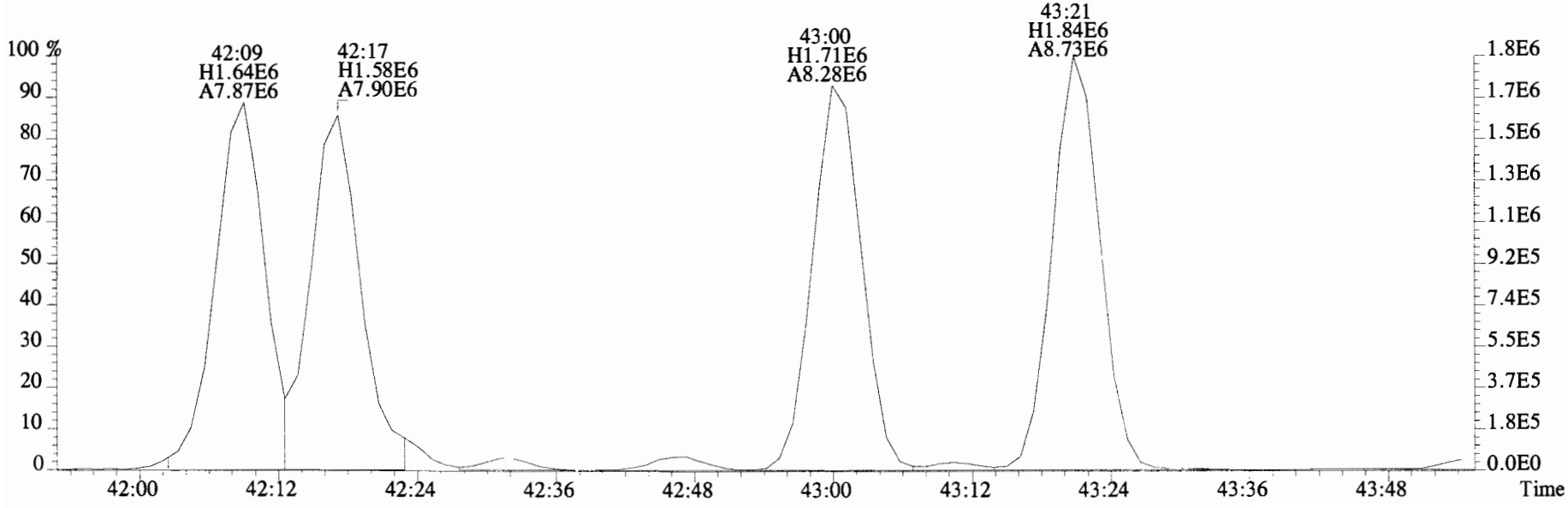
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1



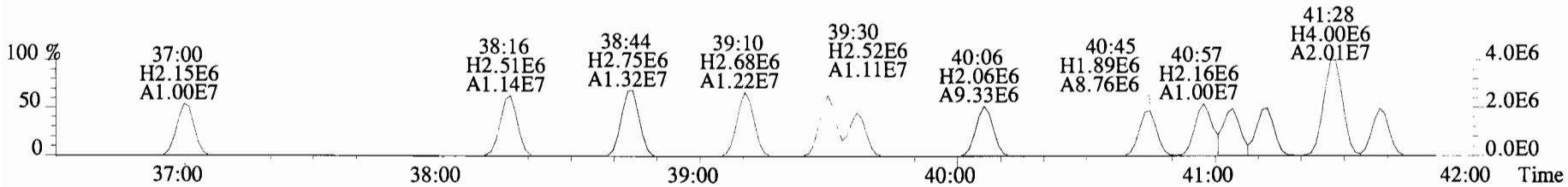
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3912.0,0.00%,F,F)



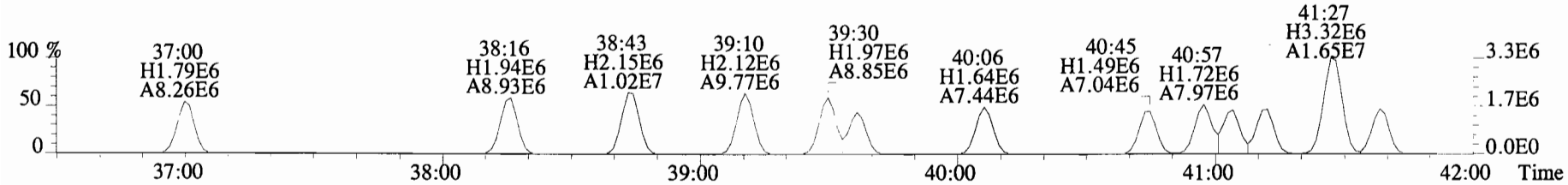
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3396.0,0.00%,F,F)



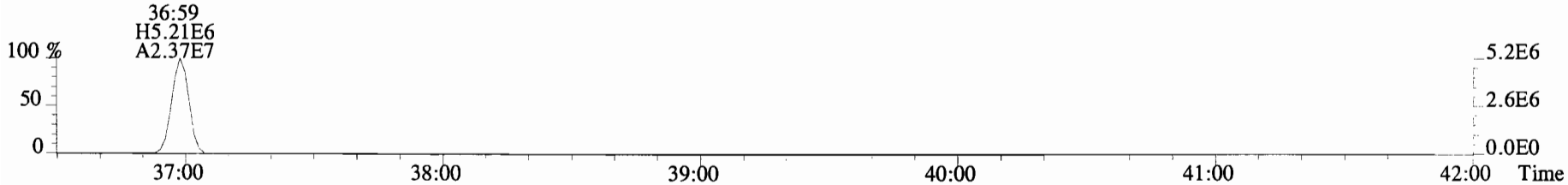
File:180409E1 #1-756 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



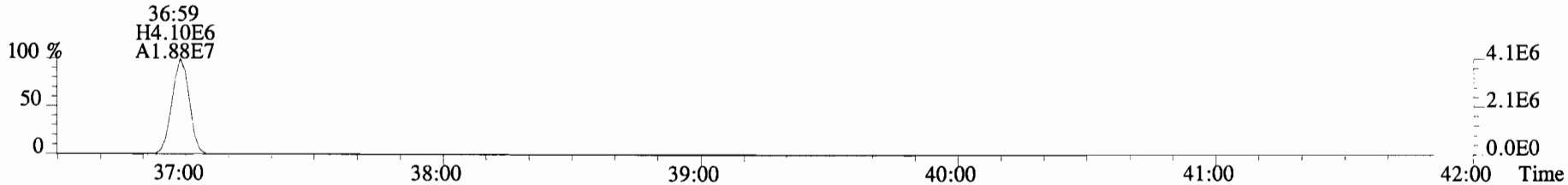
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2040.0,0.00%,F,F)



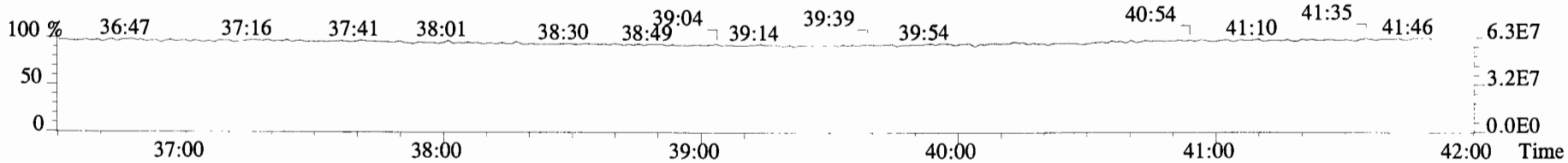
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2228.0,0.00%,F,F)



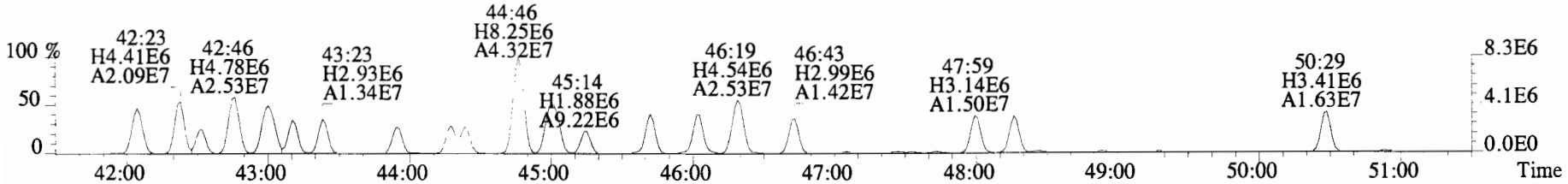
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2412.0,0.00%,F,F)



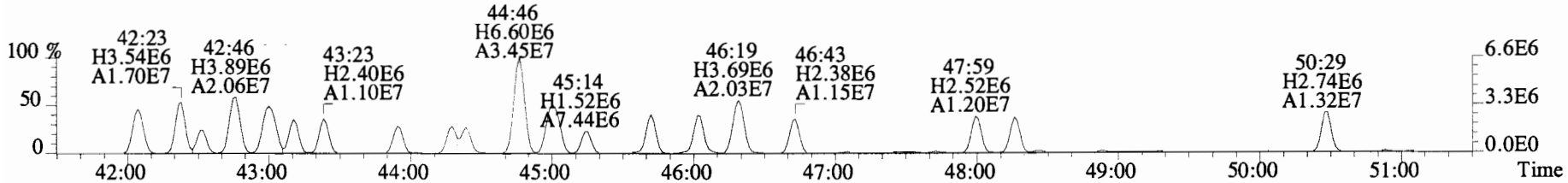
330.9792 S:2 F:3



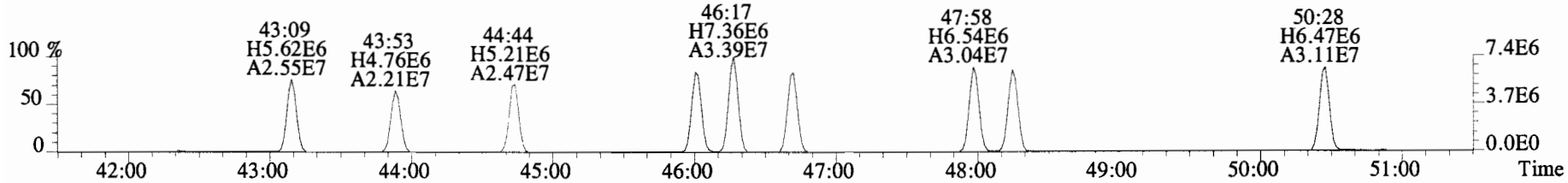
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



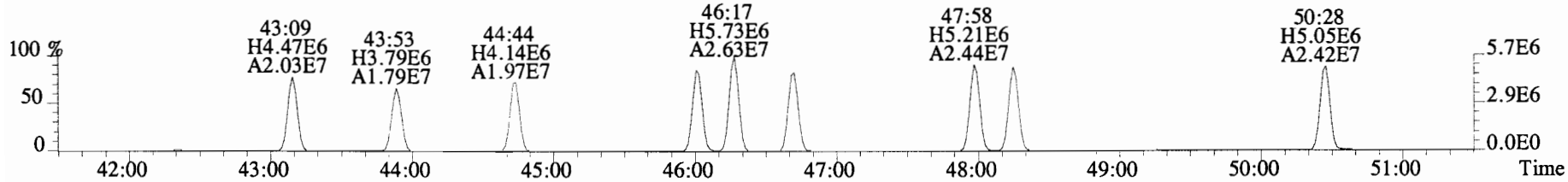
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8636.0,0.00%,F,F)



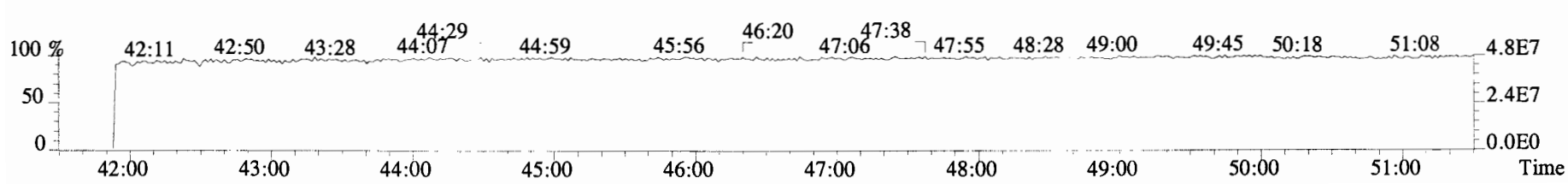
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5988.0,0.00%,F,F)



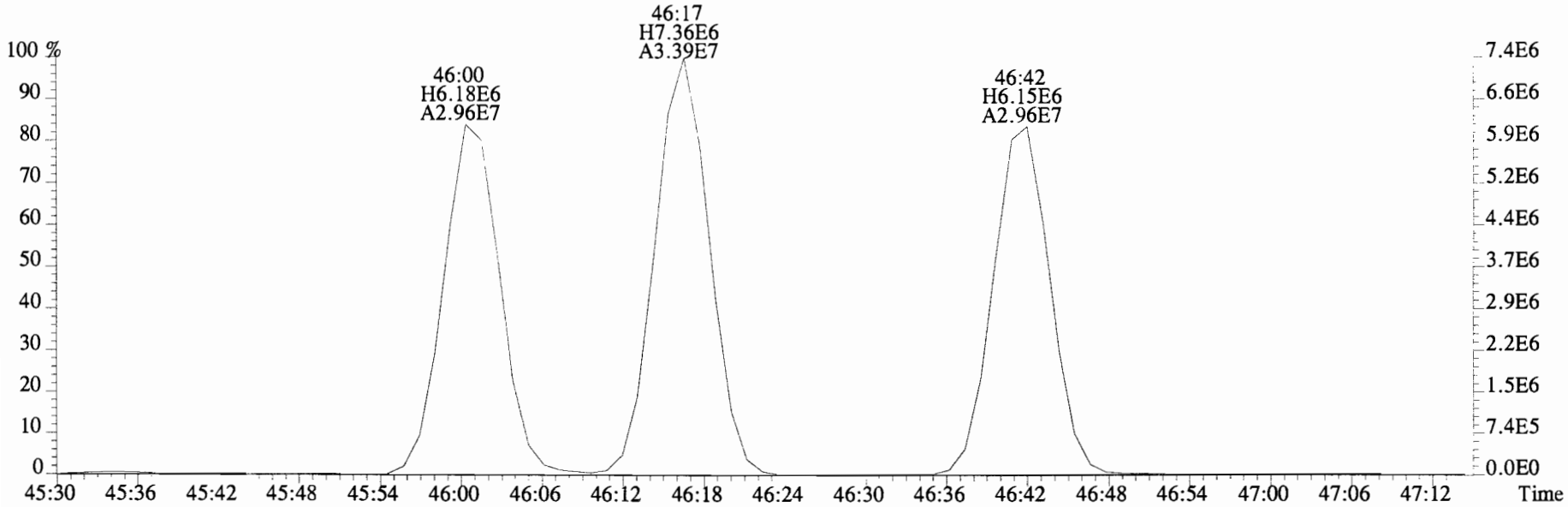
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4228.0,0.00%,F,F)



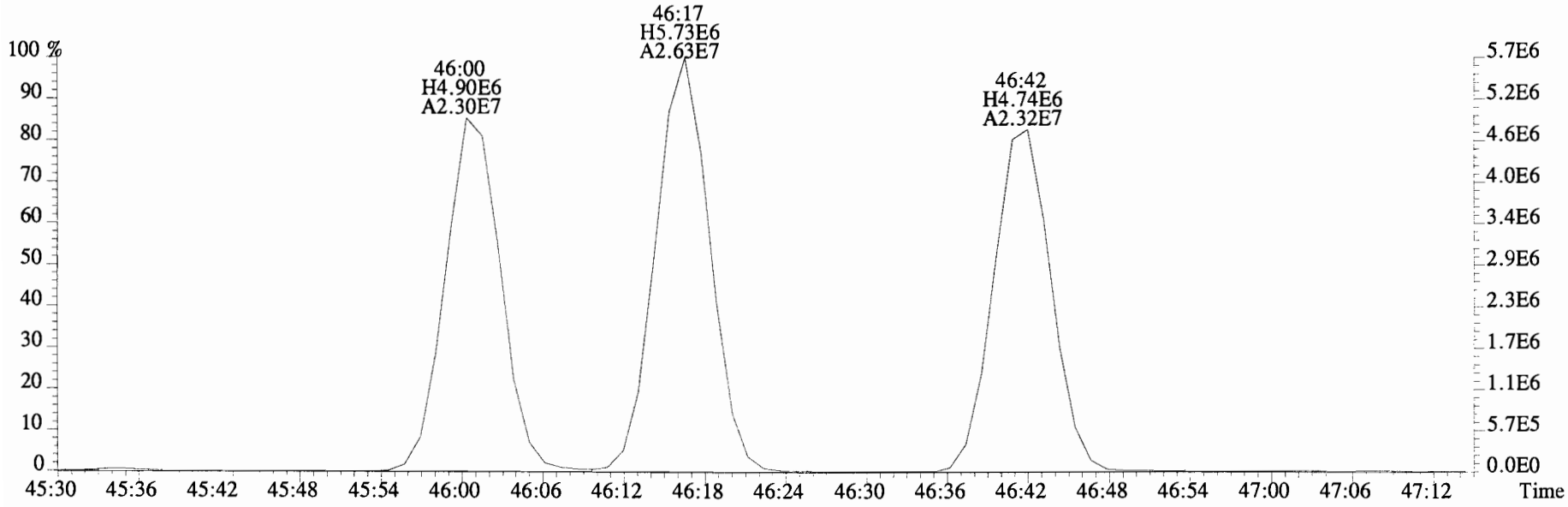
380.9760 S:2 F:4



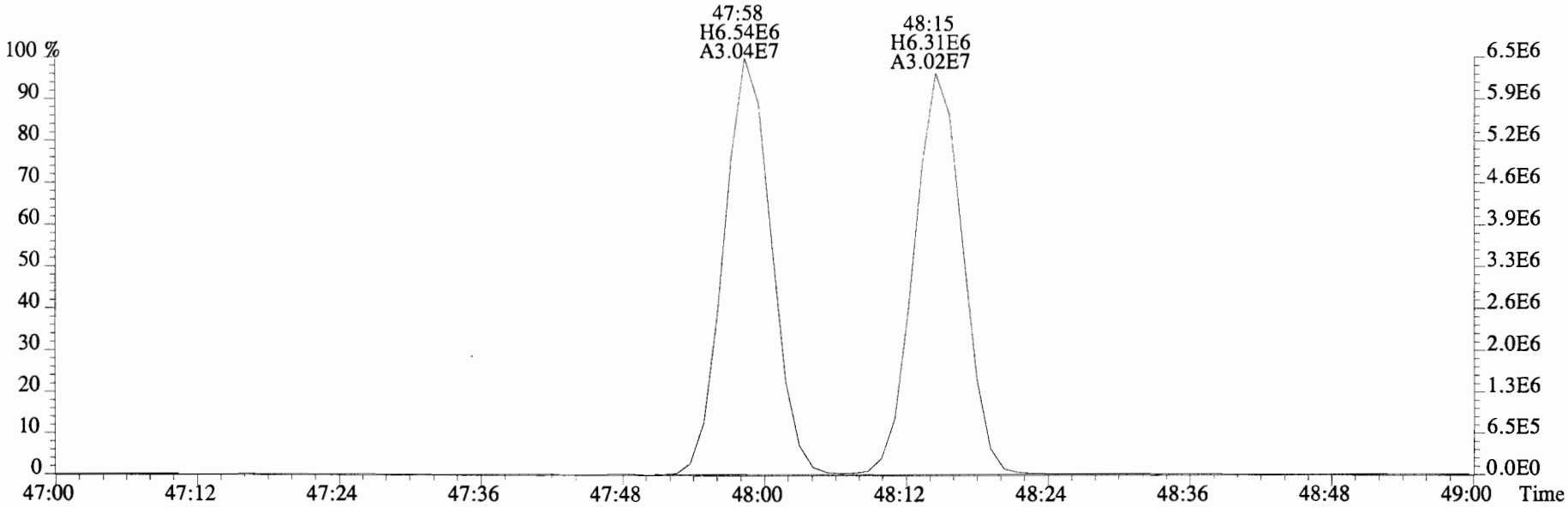
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5988.0,0.00%,F,F)



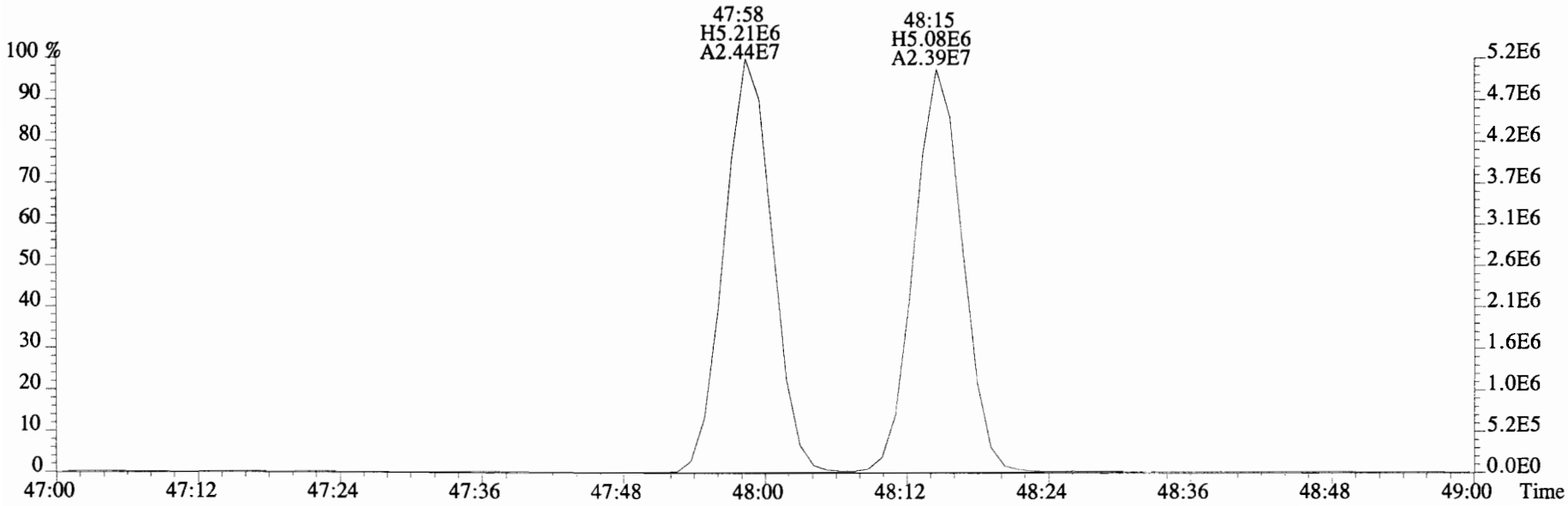
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4228.0,0.00%,F,F)



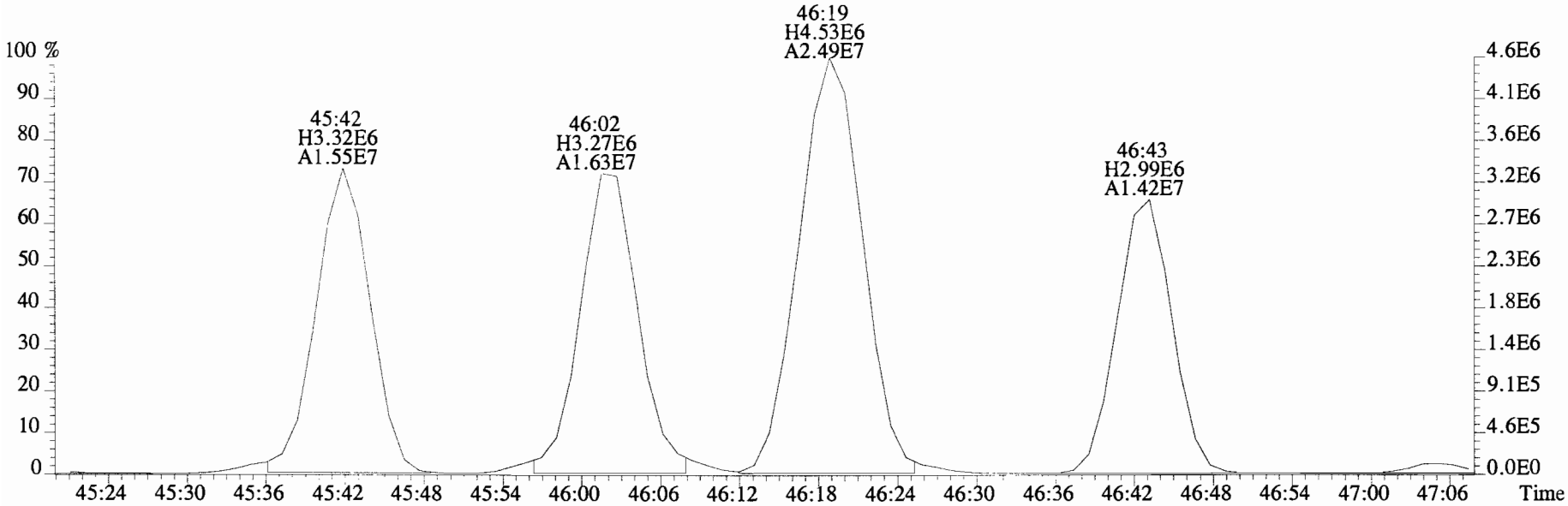
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5988.0,0.00%,F,F)



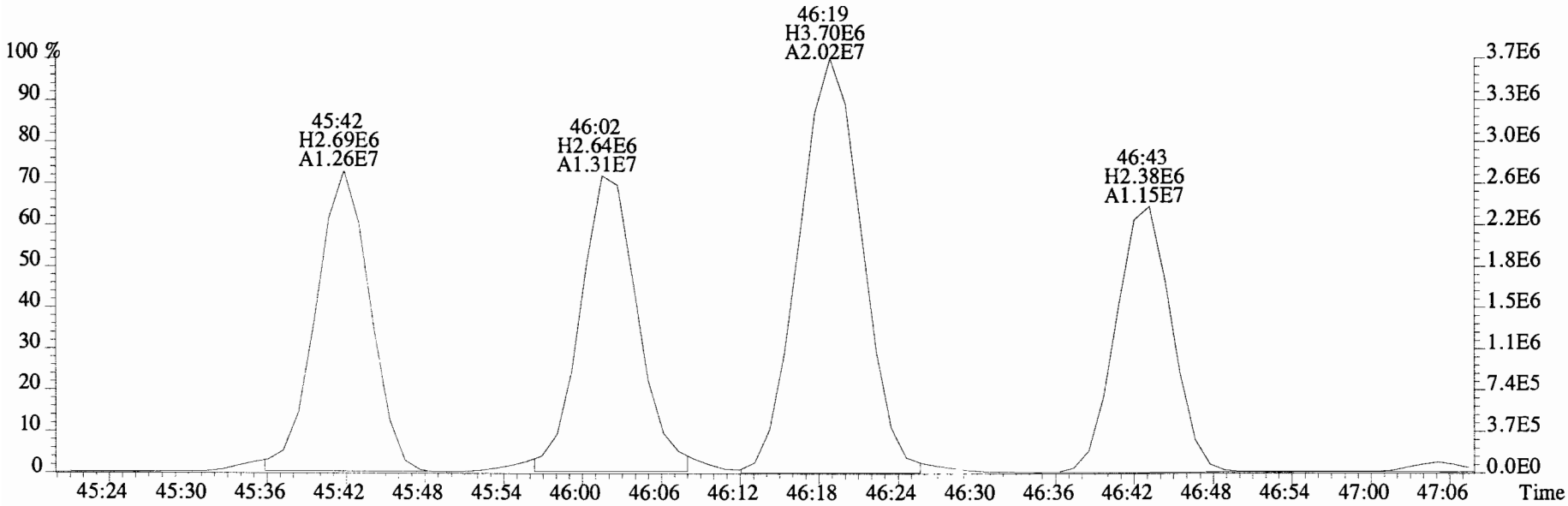
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4228.0,0.00%,F,F)



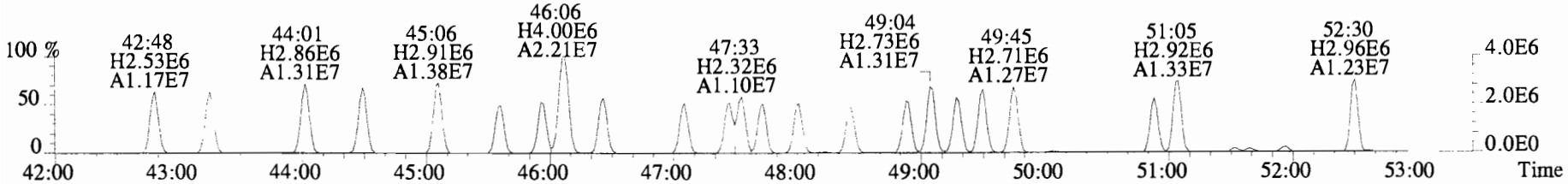
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



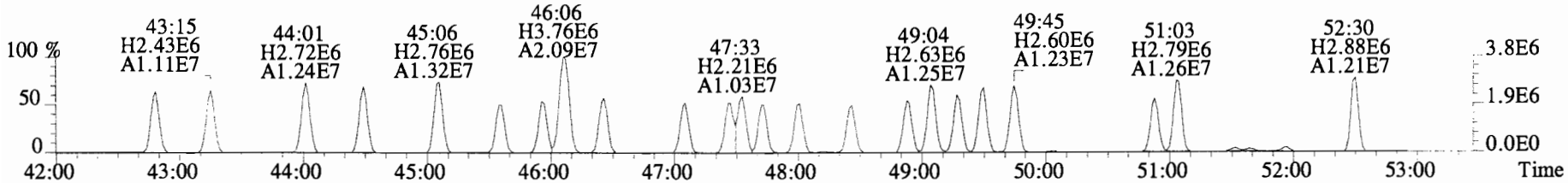
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8636.0,0.00%,F,F)



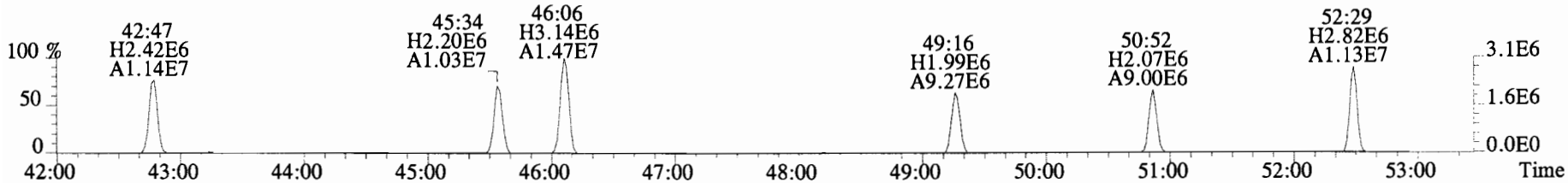
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5532.0,0.00%,F,F)



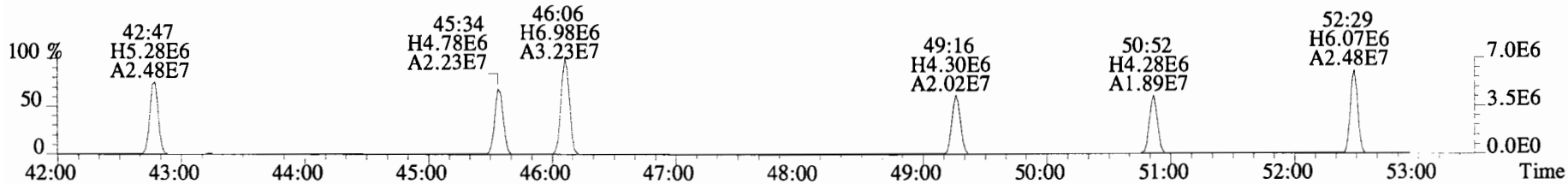
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6392.0,0.00%,F,F)



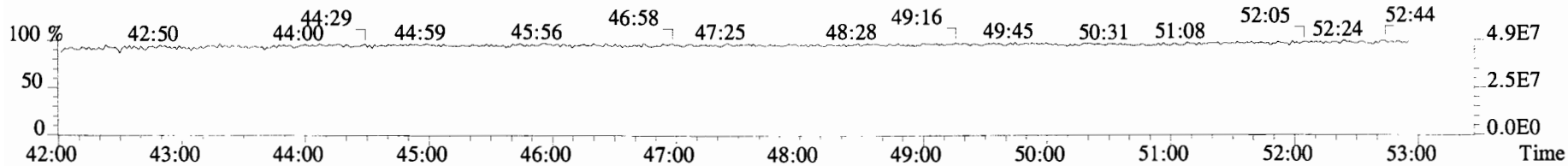
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



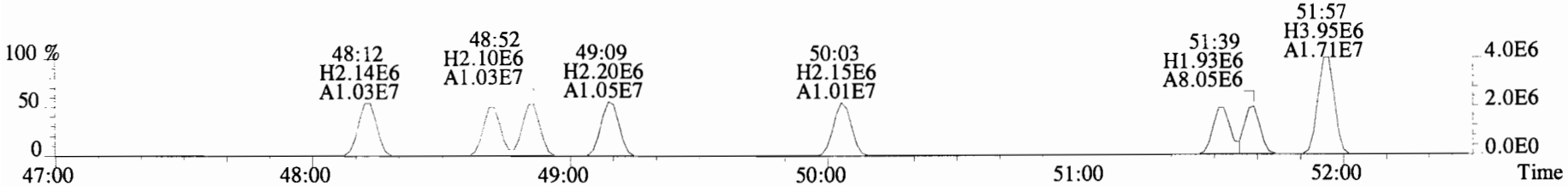
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3864.0,0.00%,F,F)



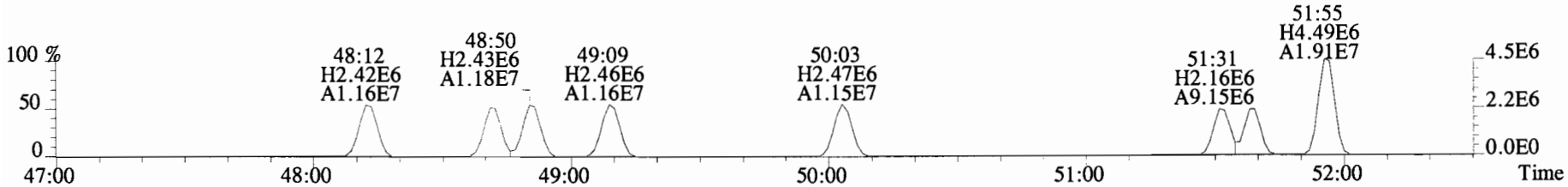
380.9760 S:2 F:4



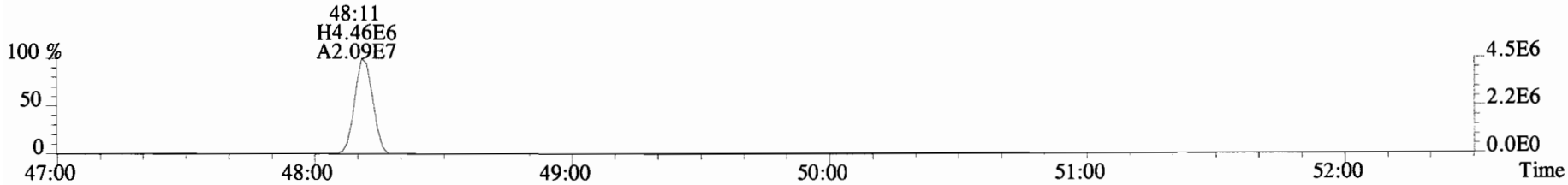
File:180409E1 #1-574 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1380.0,0.00%,F,F)



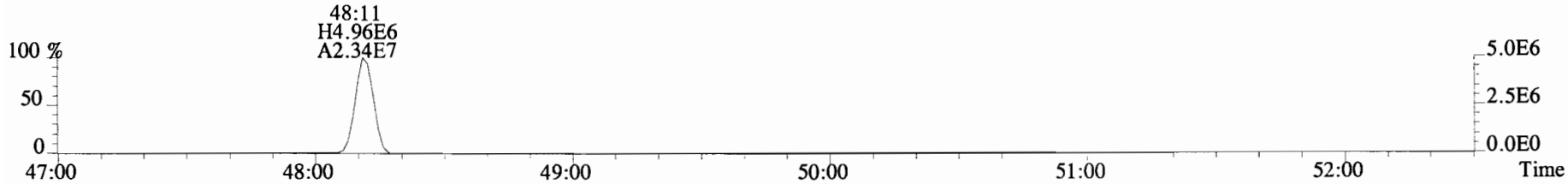
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



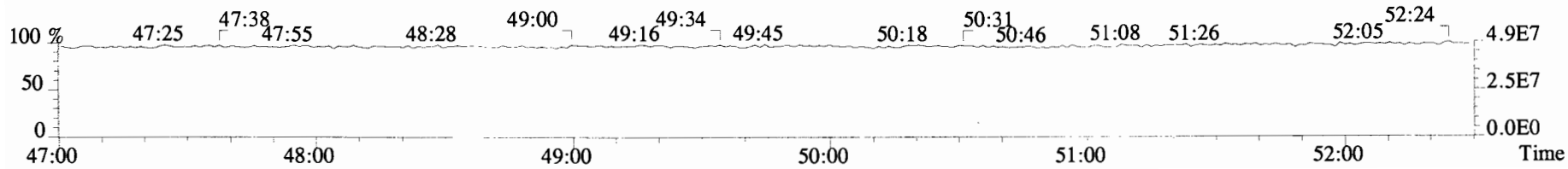
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



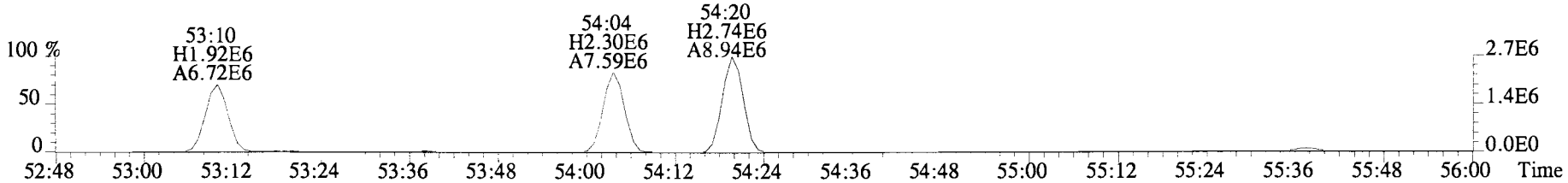
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2140.0,0.00%,F,F)



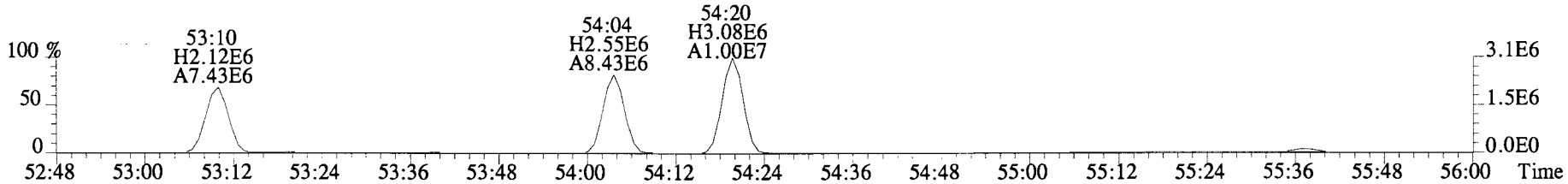
380.9760 S:2 F:4



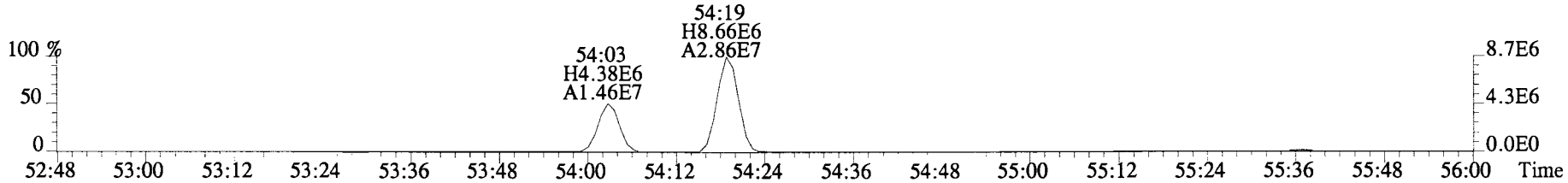
File:180409E1 #1-407 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1504.0,0.00%,F,F)



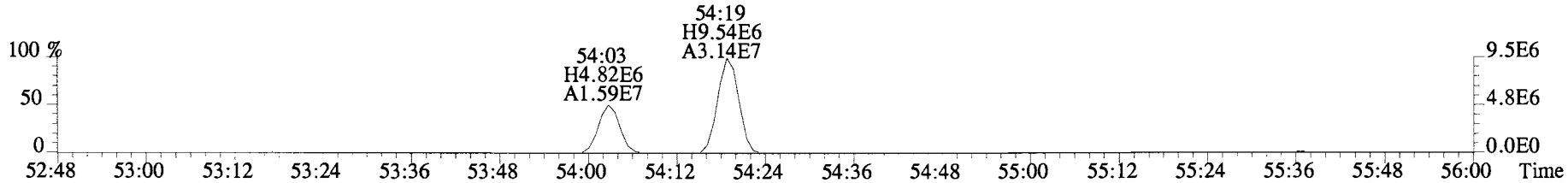
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5572.0,0.00%,F,F)



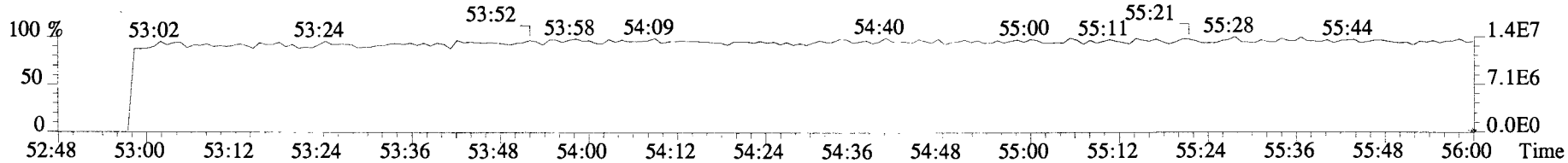
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2160.0,0.00%,F,F)



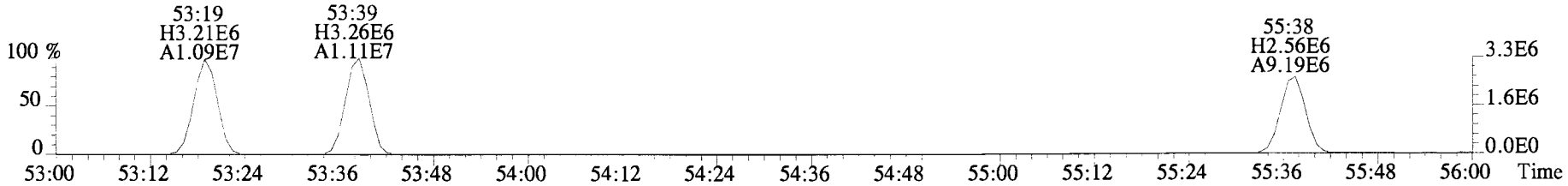
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2456.0,0.00%,F,F)



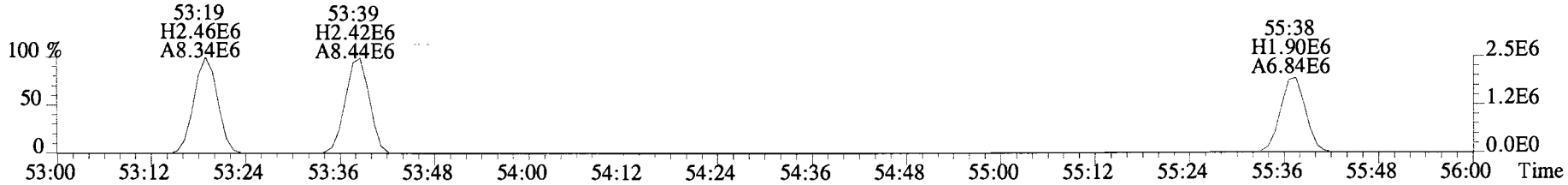
492.9697 S:2 F:5



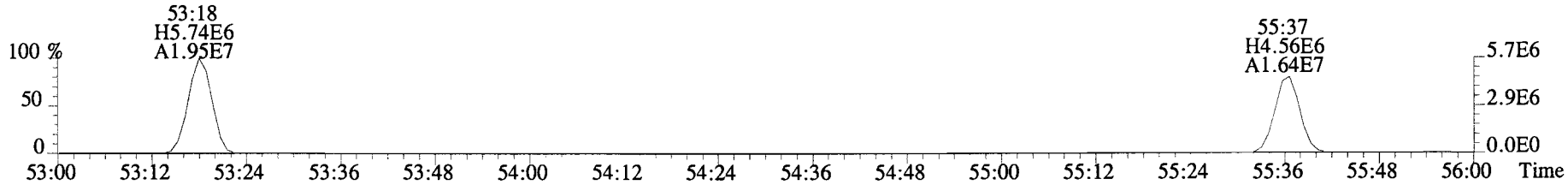
File:180409E1 #1-407 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6276.0,0.00%,F,F)



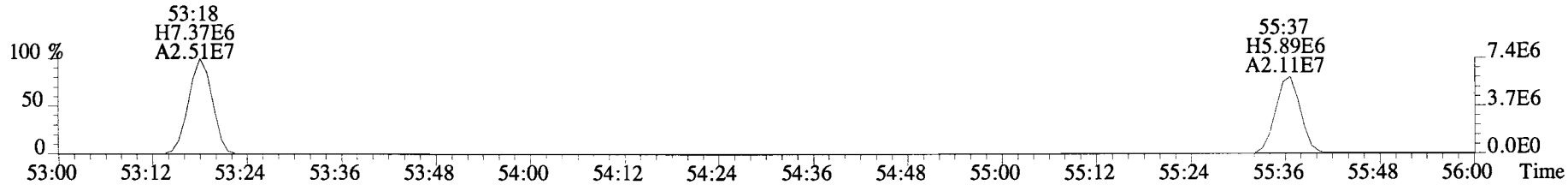
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4184.0,0.00%,F,F)



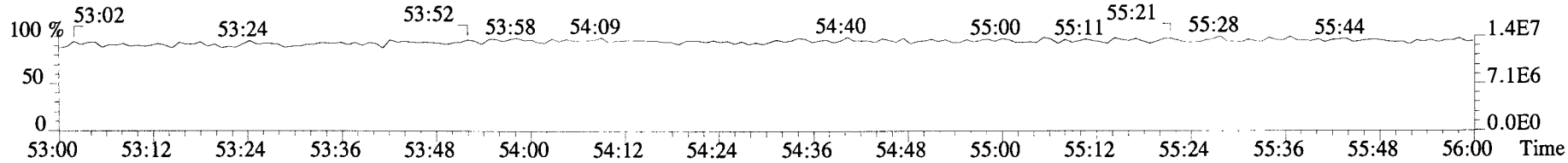
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7084.0,0.00%,F,F)



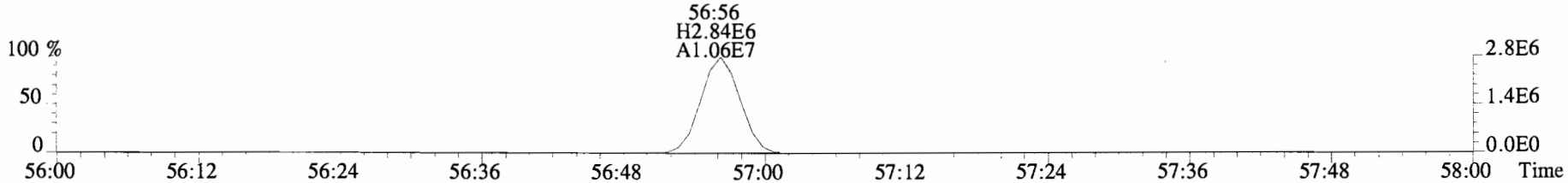
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8172.0,0.00%,F,F)



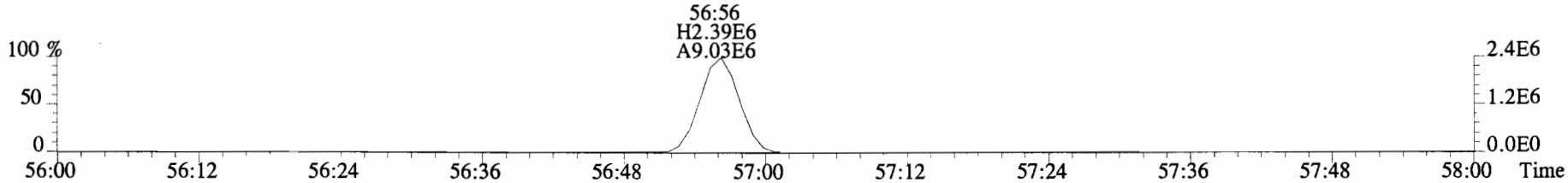
492.9697 S:2 F:5



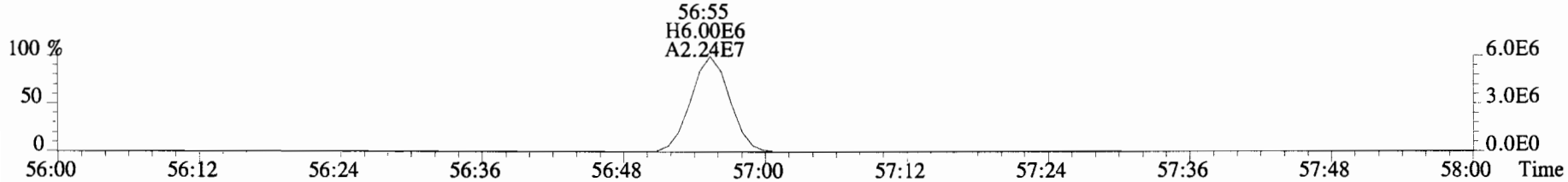
File:180409E1 #1-407 Acq: 9-APR-2018 18:38:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:B8D0041-BS1 OPR 1 Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1560.0,0.00%,F,F)



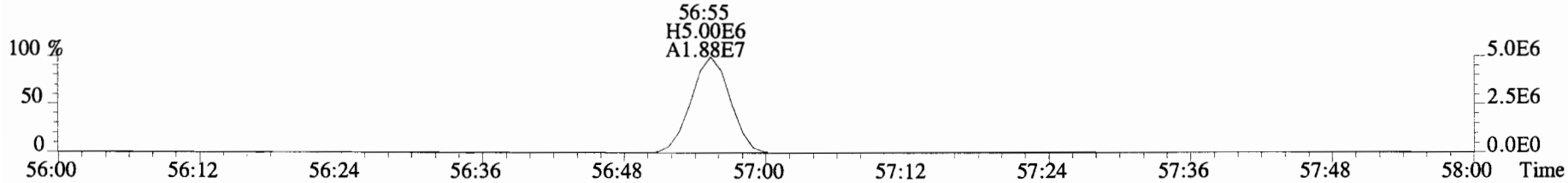
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1404.0,0.00%,F,F)



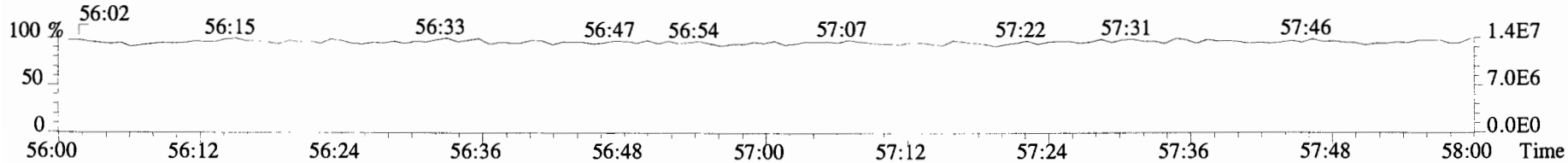
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1284.0,0.00%,F,F)



492.9697 S:2 F:5



Client ID: OWS-SCHU-T171115120543 Filename: 180409E2 S:12 Acq:10-APR-18 18:44:07 ✓ConCal: ST180409E2-1
Lab ID: 1701755-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.982 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	3.18e+06	2.84	y 15:59	1.07	67.32		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	6.89e+04	2.67	y 18:23	1.06	1.373		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	6.40e+05	2.93	y 18:37	1.06	12.72		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	8.42e+07	1.56	y 19:58	1.24	2132		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF┐	0.99	*		27800	1.0	4.61	*	0.863-0.871
Di	PCB-6	7.40e+05	1.53	y 22:26	1.06	12.56		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.76e+06	1.61	y 22:49	1.03	48.24		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF┐	1.03	*		2500	2.5	0.971	*	0.948-0.958
Di	PCB-11	5.04e+05	1.51	y 25:08	1.11	7.266		*	2.5	*	1.000	0.996-1.006
Di	PCB-12/13	6.28e+05	1.52	y 25:30	1.02	9.883		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	5.43e+06	1.49	y 25:51	1.05	82.41		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	2.93e+07	1.04	y 24:07	1.20	575.6		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF┐	1.93	*		1830	2.5	0.433	*	1.034-1.044
Tri	PCB-18	6.25e+06	1.02	y 25:46	0.91	103.1		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	4.55e+06	1.06	y 25:57	0.84	81.55		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	1.46e+07	1.02	y 26:30	1.15	191.2		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	1.05e+07	1.03	y 27:02	1.02	154.8		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	2.91e+05	1.07	y 27:50	0.96	4.886		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF┐	0.95	*		1140	2.5	0.468	*	0.958-0.968
Tri	PCB-29	*	*	n NotF┐	0.96	*		1140	2.5	0.463	*	0.966-0.976
Tri	PCB-26	3.97e+06	1.01	y 28:23	1.00	63.80		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.18e+06	1.06	y 28:33	1.06	18.07		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	7.06e+06	1.01	y 28:54	1.10	103.7		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	6.63e+06	1.04	y 29:00	1.14	94.07		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	8.19e+05	1.17	y 29:38	1.00	13.27		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	1.24e+06	0.97	y 30:03	1.09	18.45		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	*	*	n NotF┐	1.15	*		2840	1.0	0.451	*	0.929-0.939
Tri	PCB-39	8.45e+04	1.48	n 31:09	1.07	1.385		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	2.05e+05	0.99	y 31:55	1.10	3.256		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	8.05e+04	0.98	y 32:27	1.12	1.258		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	1.91e+06	1.05	y 32:53	1.11	30.13		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	8.58e+05	0.80	y 27:52	1.07	12.64		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	1.23e+05	0.86	y 29:02	0.87	2.234		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	5.35e+06	0.78	y 29:42	1.01	100.0		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	1.66e+06	0.75	y 30:02	1.10	28.56		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	1.65e+06	0.69	y 30:27	0.87	35.80		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	5.66e+05	0.80	y 30:57	0.84	12.77		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: DB

Date: 4/12/18

Reviewed by: CT Date: 4/12/18

Client ID: OWS-SCHU-T171115120543 Filename: 180409E2 S:12 Acq:10-APR-18 18:44:07 ConCal: ST180409E2-1
Lab ID: 1701755-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.982 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	1.20e+07	0.78	y 31:25	1.21	186.2		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	3.64e+05	0.79	y 31:33	1.45	4.726		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	8.71e+06	0.76	y 31:43	1.01	162.6		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	6.84e+06	0.77	y 31:56	0.91	134.1		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	1.18e+06	0.69	y 32:03	1.13	18.43		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	*	*	n NotF╗	1.27	*		1640	2.5	0.487	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		1640	2.5	0.565	*	1.011-1.021
Tetra	PCB-44	4.66e+06	0.75	y 32:43	0.85	96.83		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	3.07e+06	0.78	y 32:56	1.02	53.40		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	8.84e+06	0.75	y 33:31	1.17	134.6		*	2.5	*	1.050	1.046-1.056
Tetra	PCB-68	3.98e+05	0.69	y 33:47	1.28	5.529		*	2.5	*	1.058	1.054-1.064
Tetra	PCB-40	8.38e+05	0.73	y 34:00	0.62	23.83		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	1.36e+05	0.80	y 34:21	1.13	1.860		*	2.5	*	0.969	0.965-0.975
Tetra	PCB-67	3.03e+05	0.74	y 34:40	1.10	4.229		*	2.5	*	0.978	0.973-0.983
Tetra	PCB-58	*	*	n NotF╗	1.12	*		1640	2.5	0.522	*	0.977-0.987
Tetra	PCB-63	7.13e+05	0.80	y 34:57	1.00	10.97		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	3.44e+06	0.78	y 35:14	1.18	44.74		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	4.46e+06	0.77	y 35:26	1.03	66.79		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	5.68e+06	0.79	y 35:39	1.13	77.10		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		1640	2.5	0.479	*	0.995-1.005
Tetra	PCB-55	1.27e+05	0.66	y 36:09	1.16	1.664		*	2.5	*	1.008	1.004-1.014
Tetra	PCB-56/60	3.63e+06	0.79	y 36:40	1.04	52.80		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	7.04e+04	0.85	y 37:46	1.17	0.9146		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		1640	2.5	0.478	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		1640	2.5	0.544	*	0.995-1.005
Tetra	PCB-77	6.64e+05	0.74	y 39:33	1.08	8.899		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotF╗	1.08	*		1670	2.5	0.912	*	0.996-1.006
Penta	PCB-96	1.59e+05	1.78	y 33:50	1.13	2.663		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	1.03e+05	1.39	y 34:23	0.91	2.149		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	1.62e+05	1.62	y 34:44	0.93	3.313		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	1.98e+05	1.59	y 35:13	0.91	5.411		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	3.10e+06	1.53	y 35:44	1.17	66.18		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		1670	2.5	1.42	*	0.997-1.007
Penta	PCB-88/91	9.00e+05	1.64	y 36:08	0.97	23.13		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		1670	2.5	0.778	*	1.009-1.019
Penta	PCB-84/92	1.88e+06	1.52	y 37:03	0.97	44.67		*	2.5	*	0.991	0.985-0.995
Penta	PCB-89	4.94e+04	2.25	n 37:13	1.06	1.074		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 4/12/18

Client ID: OWS-SCHU-T171115120543 Filename: 180409E2 S:12 Acq:10-APR-18 18:44:07 ConCal: ST180409E2-1
Lab ID: 1701755-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.982 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	2.75e+06	1.54	y 37:26	1.08	59.19		*	2.5	*	1.001	0.995-1.005
Penta	PCB-113	5.81e+04	1.74	y 37:38	1.48	0.9115		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	1.77e+06	1.52	y 37:45	1.25	32.63		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	2.13e+05	1.55	y 38:12	1.70	3.212		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	3.22e+05	1.57	y 38:22	1.40	5.880		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF	1.75	*		1670	2.5	0.782	*	0.990-1.000
Penta	PCB-97	8.47e+05	1.77	y 38:43	1.17	18.47		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF	1.08	*		1670	2.5	1.27	*	0.999-1.009
Penta	PCB-87/117/125	1.45e+06	1.51	y 39:00	1.55	23.95		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	9.58e+04	1.53	y 39:09	1.79	1.369		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	6.93e+05	1.47	y 39:16	1.29	13.76		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF	1.98	*		1670	2.5	0.690	*	1.016-1.026
Penta	PCB-110	4.29e+06	1.51	y 39:40	1.69	65.25		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	3.78e+05	1.41	y 40:17	0.81	8.756		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	8.57e+04	1.24	n 40:58	1.30	1.236		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	3.19e+05	1.78	y 41:08	1.31	4.544		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	6.21e+04	1.21	n 41:17	1.12	1.038		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	2.81e+06	1.58	y 41:28	1.18	43.24		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	9.13e+04	1.56	y 42:06	1.11	1.702		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	*	*	n NotF	1.03	*		1590	2.5	1.07	*	0.999-1.009
Penta	PCB-105	1.18e+06	1.69	y 42:58	1.12	22.07		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF	1.12	*		1590	2.5	0.915	*	0.995-1.005
Penta	PCB-126	*	*	n NotF	1.20	*		1590	2.5	0.915	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF	0.99	*		1320	2.5	0.800	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF	1.02	*		1320	2.5	0.770	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF	1.16	*		1320	2.5	0.682	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF	1.13	*		1320	2.5	0.699	*	1.054-1.064
Hexa	PCB-136	3.37e+05	1.14	y 39:28	1.02	6.885		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF	0.77	*		1320	2.5	1.02	*	1.066-1.076
Hexa	PCB-154	7.25e+04	1.07	y 40:03	0.88	1.732		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	5.21e+05	1.36	y 40:42	0.75	14.49		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	3.10e+05	1.16	y 40:55	0.86	7.543		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	4.36e+04	1.24	y 41:01	0.77	1.191		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	8.75e+04	2.03	n 41:09	0.80	2.274		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.30e+06	1.11	y 41:24	0.88	30.78		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	*	*	n NotF	0.77	*		1320	2.5	1.03	*	1.120-1.132
Hexa	PCB-134/143	1.63e+05	1.16	y 42:03	0.76	3.856		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 4/12/18

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.52e+05	1.12	y 42:20	0.82	3.346		*	2.5	*	0.981	0.977-0.987
Hexa	PCB-142	*	*	n NotF¶	0.73	*		1430	2.5	1.01	*	0.981-0.991
Hexa	PCB-146/165	4.05e+05	1.29	y 42:45	1.02	7.152		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	6.43e+05	1.36	y 43:00	1.00	11.55		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	1.75e+06	1.21	y 43:09	1.08	29.24		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF¶	1.12	*		1430	2.5	0.660	*	1.000-1.010
Hexa	PCB-141	2.32e+05	1.07	y 43:53	1.02	4.760		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.07e+05	1.17	y 44:15	1.10	2.022		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.38e+05	0.93	n 44:22	0.81	3.563		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	2.41e+06	1.19	y 44:44	1.23	37.96		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	2.04e+05	1.13	y 44:57	1.18	3.359		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	6.19e+04	1.94	n 45:13	0.78	1.537		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	*	*	n NotF¶	1.13	*		1430	2.5	0.616	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF¶	1.16	*		1430	2.5	0.600	*	0.995-1.005
Hexa	PCB-128/162	3.68e+05	1.16	y 46:16	0.89	6.685		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	9.80e+04	1.34	y 46:40	1.02	1.546		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.80e+05	1.07	y 47:58	1.06	4.239		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	6.45e+04	1.07	y 48:14	1.02	1.029		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF¶	1.13	*		1430	2.5	0.600	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF¶	1.37	*		861	2.5	0.262	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF¶	1.32	*		861	2.5	0.272	*	1.006-1.016
Hepta	PCB-179	2.13e+05	0.97	y 44:00	1.38	3.536		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	5.67e+04	1.19	y 44:26	1.31	0.9959		*	2.5	*	1.039	1.035-1.045
Hepta	PCB-186	*	*	n NotF¶	1.42	*		861	2.5	0.253	*	1.049-1.059
Hepta	PCB-178	1.46e+05	0.78	n 45:33	0.97	3.451		*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	*	*	n NotF¶	1.00	*		861	2.5	0.360	*	1.069-1.079
Hepta	PCB-182/187	5.11e+05	1.18	y 46:03	1.14	10.28		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.16e+05	0.83	n 46:23	1.13	2.359		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	4.48e+04	1.21	y 47:04	1.36	0.9753		*	2.5	*	0.956	0.950-0.960
Hepta	PCB-174	2.27e+05	0.92	y 47:24	1.42	4.739		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF¶	1.48	*		861	2.5	0.326	*	0.960-0.970
Hepta	PCB-177	1.99e+05	0.94	y 47:41	1.33	4.427		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	7.21e+04	1.52	n 47:58	1.37	1.555		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF¶	1.27	*		861	2.5	0.379	*	0.978-0.988
Hepta	PCB-172	6.04e+04	1.07	y 48:51	1.39	1.286		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF¶	1.80	*		861	2.5	0.267	*	0.991-1.001
Hepta	PCB-180	5.97e+05	0.98	y 49:15	1.52	11.63		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/12/18

Client ID: OWS-SCHU-T171115120543 Filename: 180409E2 S:12 Acq:10-APR-18 18:44:07 ConCal: ST180409E2-1
Lab ID: 1701755-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.982 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	5.34e+04	0.68	n	49:27	1.71	0.9213		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	*	*	n	NotF	1.74	*		861	2.5	0.276	*	1.005-1.015
Hepta	PCB-170	2.56e+05	1.20	y	50:51	1.44	6.005		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	8.14e+04	1.11	y	51:02	1.95	1.405		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n	NotF	1.46	*		861	2.5	0.229	*	0.995-1.005
Octa	PCB-202	1.11e+05	0.82	y	48:12	1.06	2.123		*	2.5	*	1.001	0.995-1.005
Octa	PCB-201	*	*	n	NotF	0.98	*		1250	2.5	0.650	*	1.006-1.016
Octa	PCB-204	*	*	n	NotF	1.07	*		1250	2.5	0.593	*	1.009-1.019
Octa	PCB-197	*	*	n	NotF	1.10	*		1250	2.5	0.579	*	1.015-1.025
Octa	PCB-200	4.24e+04	0.81	y	50:02	1.04	0.8254		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	*	*	n	NotF	0.84	*		1250	2.5	0.759	*	1.065-1.075
Octa	PCB-199	2.03e+05	1.00	y	51:36	0.80	5.153		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	2.36e+05	0.77	y	51:54	0.84	5.680		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	3.48e+04	0.84	y	53:09	1.04	1.031		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.44e+05	1.02	y	54:02	1.16	3.816		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n	NotF	1.33	*		1130	2.5	0.425	*	1.000-1.010
Nona	PCB-208	5.10e+04	0.98	n	53:18	0.90	1.226		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n	NotF	0.89	*		1500	2.5	0.594	*	1.001-1.011
Nona	PCB-206	1.49e+05	1.15	y	55:36	0.88	4.406		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	5.52e+04	1.43	n	56:55	1.04	1.308		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/12/18

Client ID: OWS-SCHU-T171115120543 Filename: 180409E2 S:12 Acq:10-APR-18 18:44:07 ConCal: ST180409E2-1
Lab ID: 1701755-01 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 0.982 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	3.89e+06	2.84	y	15:59	1.06	81.4111	
Total Di-PCB	9.43e+07	1.56	y	19:58	1.04	2292.68	
Total Tri-PCB	6.52e+07	1.04	y	24:07	1.15	1106.24	
Total Tri-PCB	2.34e+07	1.07	y	27:50	1.05	350.872	Sum:1457.12
Total Tetra-PCB	7.63e+07	0.80	y	27:52	1.06	1282.21	
Total Penta-PCB	2.25e+07	1.78	y	33:50	1.18	428.696	
Total Penta-PCB	1.27e+06	1.56	y	42:06	1.12	23.7682	Sum:452.464
Total Hexa-PCB	2.58e+06	1.14	y	39:28	0.91	62.6252	
Total Hexa-PCB	6.88e+06	1.16	y	42:03	1.00	116.731	Sum:179.356
Total Hepta-PCB	2.25e+06	0.97	y	44:00	1.35	45.2728	
Total Octa-PCB	5.93e+05	0.82	y	48:12	0.95	13.7809	
Total Octa-PCB	1.79e+05	0.84	y	53:09	1.17	4.84746	Sum:18.6284
Total Nona-PCB	1.49e+05	1.15	y	55:36	0.89	4.40582	
Total Deca-PCB	5.52e+04	1.43	n	56:55	1.04	1.30817	

Total PCB Conc:5836.47154600

Integrations by Analyst: DB

Date: 4/12/18

Client ID: OWS-SCHU-T171115120543 Filename: 180409E2 S:12 Acq:10-APR-18 18:44:07 ConCal: ST180409E2-1
Lab ID: 1701755-01 GC Column ID: ZB-1 ICal. PCBVG8-2-8-18 wt/vol:0.9824 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	8.96e+07	3.14 y	1.13	15:58	0.618	0.616	0.622	875	43.0
13C-PCB-3	9.65e+07	3.05 y	1.21	18:36	0.720	0.716	0.724	880	43.2
13C-PCB-4	6.50e+07	1.58 y	0.59	19:56	0.772	0.769	0.777	1210	59.3
13C-PCB-9	1.13e+08	1.56 y	0.94	21:44	0.841	0.837	0.845	1330	65.3
13C-PCB-11	1.27e+08	1.55 y	0.95	25:08	0.973	0.968	0.978	1480	72.7
13C-PCB-19	8.65e+07	1.04 y	0.62	24:06	0.933	0.928	0.938	1530	75.2
13C-PCB-28	1.26e+08	1.06 y	1.05	28:59	1.003	0.999	1.009	1530	75.0
13C-PCB-32	1.35e+08	1.04 y	0.91	27:02	1.046	1.041	1.051	1640	80.5
13C-PCB-37	1.16e+08	1.06 y	1.02	32:52	1.138	1.132	1.144	1440	70.9
13C-PCB-47	1.15e+08	0.78 y	0.83	31:55	0.870	0.867	0.875	1600	78.6
13C-PCB-52	1.08e+08	0.80 y	0.76	31:24	0.856	0.853	0.861	1640	80.7
13C-PCB-54	1.29e+08	0.79 y	0.93	27:51	0.760	0.756	0.764	1610	79.1
13C-PCB-70	1.32e+08	0.79 y	1.00	35:26	0.966	0.961	0.971	1540	75.7
13C-PCB-77	1.40e+08	0.80 y	0.96	39:32	1.078	1.073	1.083	1700	83.6
13C-PCB-80	1.34e+08	0.81 y	1.00	35:51	0.978	0.973	0.983	1570	77.0
13C-PCB-81	1.46e+08	0.78 y	1.01	38:56	1.062	1.057	1.067	1690	82.9
13C-PCB-95	8.13e+07	1.58 y	0.80	35:43	0.912	0.908	0.918	1490	73.0
13C-PCB-97	7.95e+07	1.57 y	0.70	38:43	0.989	0.984	0.994	1660	81.6
13C-PCB-101	8.79e+07	1.60 y	0.80	37:24	0.955	0.951	0.961	1610	79.0
13C-PCB-104	1.07e+08	1.59 y	1.01	32:33	0.831	0.828	0.836	1560	76.7
13C-PCB-105	9.67e+07	1.61 y	1.14	42:57	0.929	0.924	0.934	1510	74.2
13C-PCB-114	9.82e+07	1.59 y	1.18	42:06	0.910	0.905	0.915	1480	72.7
13C-PCB-118	1.12e+08	1.62 y	1.00	41:27	1.059	1.054	1.064	1650	81.1
13C-PCB-123	1.09e+08	1.56 y	0.95	41:16	1.054	1.049	1.059	1690	83.0
13C-PCB-126	9.91e+07	1.56 y	1.14	45:11	0.977	0.972	0.982	1560	76.4
13C-PCB-127	1.05e+08	1.59 y	1.24	43:18	0.936	0.931	0.941	1500	73.7
13C-PCB-138	1.05e+08	1.27 y	1.17	44:42	0.966	0.962	0.972	1590	78.3
13C-PCB-141	9.76e+07	1.26 y	1.11	43:52	0.948	0.944	0.954	1570	77.3
13C-PCB-153	1.13e+08	1.27 y	1.34	43:08	0.933	0.928	0.938	1510	74.1
13C-PCB-155	9.74e+07	1.26 y	0.83	36:57	0.944	0.939	0.949	1730	85.0
13C-PCB-156	1.26e+08	1.29 y	1.38	47:57	1.037	1.032	1.042	1630	80.1
13C-PCB-157	1.25e+08	1.27 y	1.37	48:13	1.043	1.037	1.047	1620	79.5
13C-PCB-159	1.26e+08	1.27 y	1.39	45:59	0.994	0.989	0.999	1610	79.3
13C-PCB-167	1.26e+08	1.27 y	1.40	46:40	1.009	1.004	1.014	1610	79.2
13C-PCB-169	1.24e+08	1.26 y	1.39	50:26	1.090	1.085	1.095	1590	78.2
13C-PCB-170	6.04e+07	0.47 y	0.86	50:50	1.103	1.097	1.109	1650	80.8
13C-PCB-180	6.89e+07	0.46 y	0.98	49:14	1.068	1.064	1.074	1650	81.1
13C-PCB-188	8.86e+07	0.45 y	1.40	42:45	0.928	0.923	0.933	1480	72.8
13C-PCB-189	8.10e+07	0.45 y	1.15	52:27	1.138	1.132	1.144	1650	81.0
13C-PCB-194	6.64e+07	0.89 y	0.77	54:02	0.995	0.990	1.000	1550	75.9
13C-PCB-202	1.01e+08	0.94 y	1.28	48:10	1.045	1.040	1.050	1830	90.1
13C-PCB-206	7.83e+07	0.77 y	0.81	55:35	1.024	1.019	1.029	1740	85.2
13C-PCB-208	9.46e+07	0.76 y	1.09	53:17	0.981	0.977	0.987	1550	76.2
13C-PCB-209	8.25e+07	1.20 y	0.74	56:54	1.048	1.043	1.053	2010	98.7

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.73e+08	0.79 y	1.03	37:44	1.029	1.024	1.034	1950	95.7
13C-PCB-178	7.57e+07	0.46 y	0.93	45:32	0.985	0.980	0.990	1910	93.8

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.73e+08	0.79 y	1.03	37:44	0.969	0.963	0.973	2350	115
13C-PCB-178	7.57e+07	0.46 y	0.95	45:32	0.925	0.920	0.930	2350	116

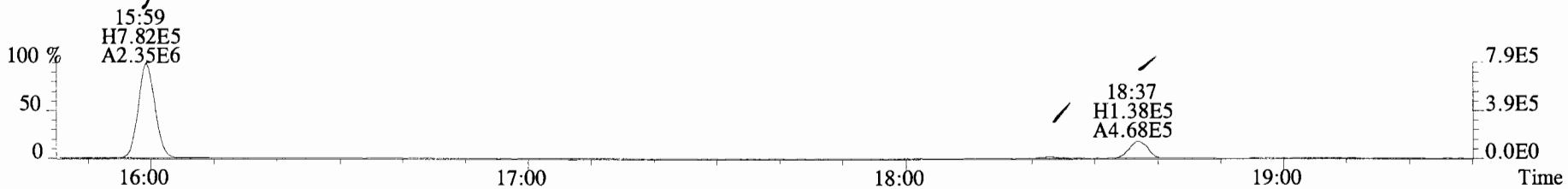
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.84e+08	1.56 y	1.00	25:50	2040
13C-PCB-31	1.61e+08	1.06 y	1.00	28:53	2040
13C-PCB-60	1.75e+08	0.78 y	1.00	36:40	2040
13C-PCB-111	1.39e+08	1.57 y	1.00	39:09	2040
13C-PCB-128	1.14e+08	1.26 y	1.00	46:15	2040
13C-PCB-182	8.71e+07	0.44 y	1.00	46:05	2040
13C-PCB-205	1.14e+08	0.90 y	1.00	54:18	2040

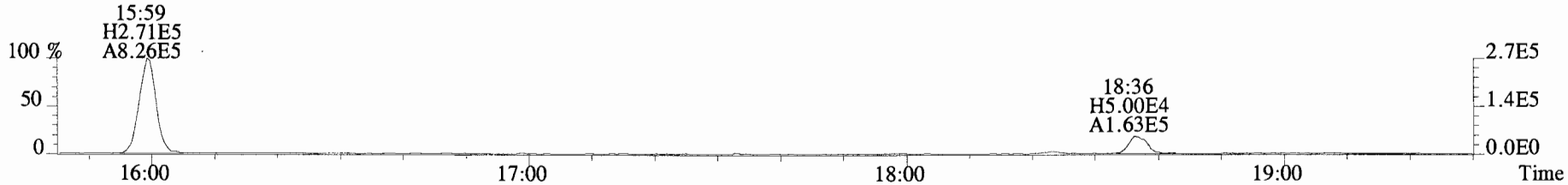
Analyst: DB

Date: 4/12/18

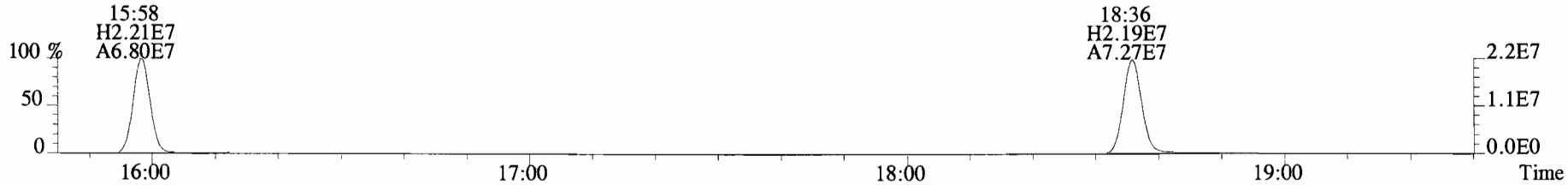
File:180409E2 #1-867 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4044.0,0.00%,F,F)



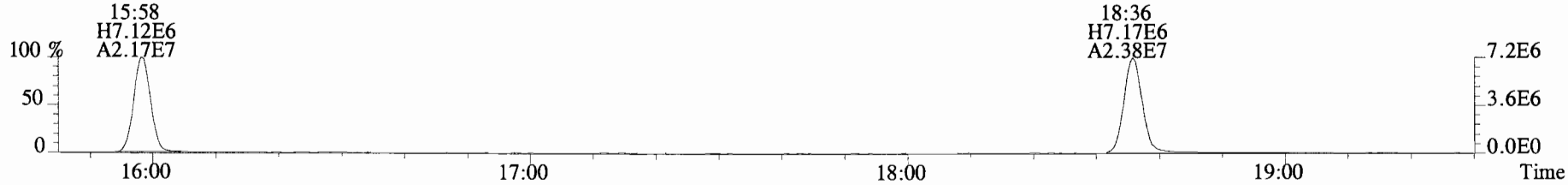
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3096.0,0.00%,F,F)



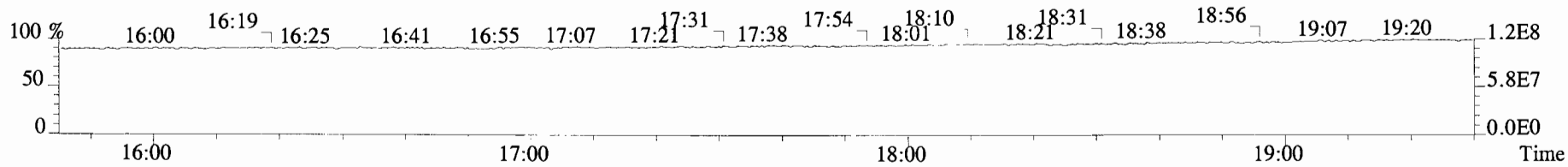
200.0795 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5408.0,0.00%,F,F)



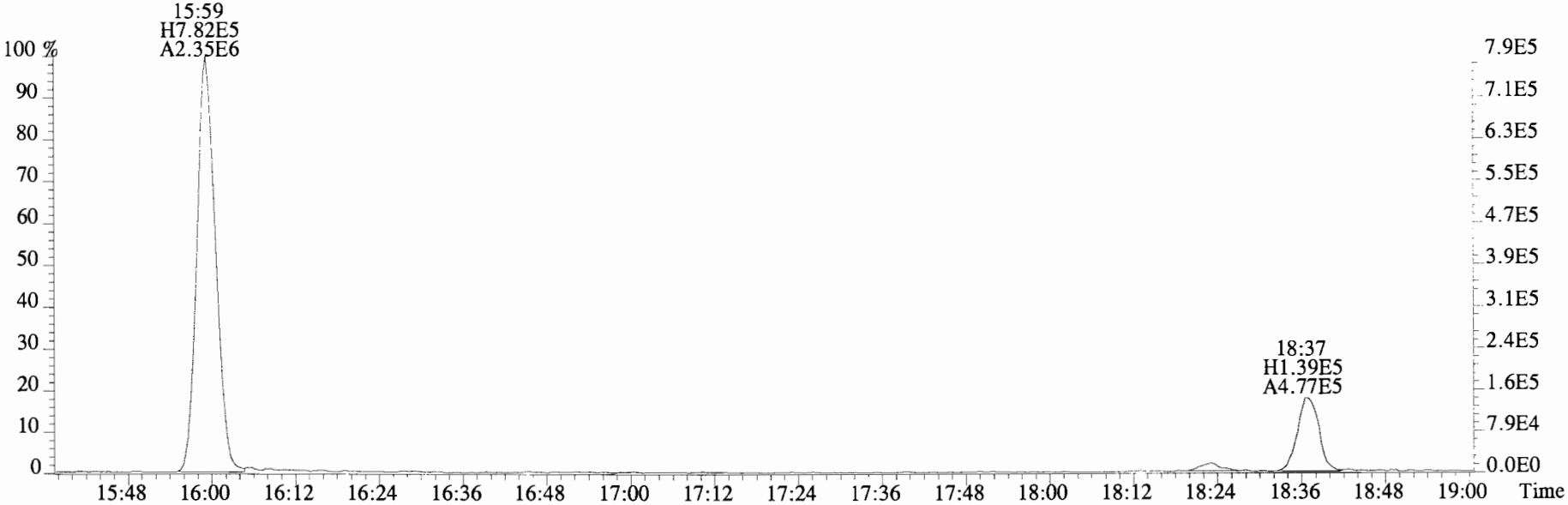
202.0766 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24928.0,0.00%,F,F)



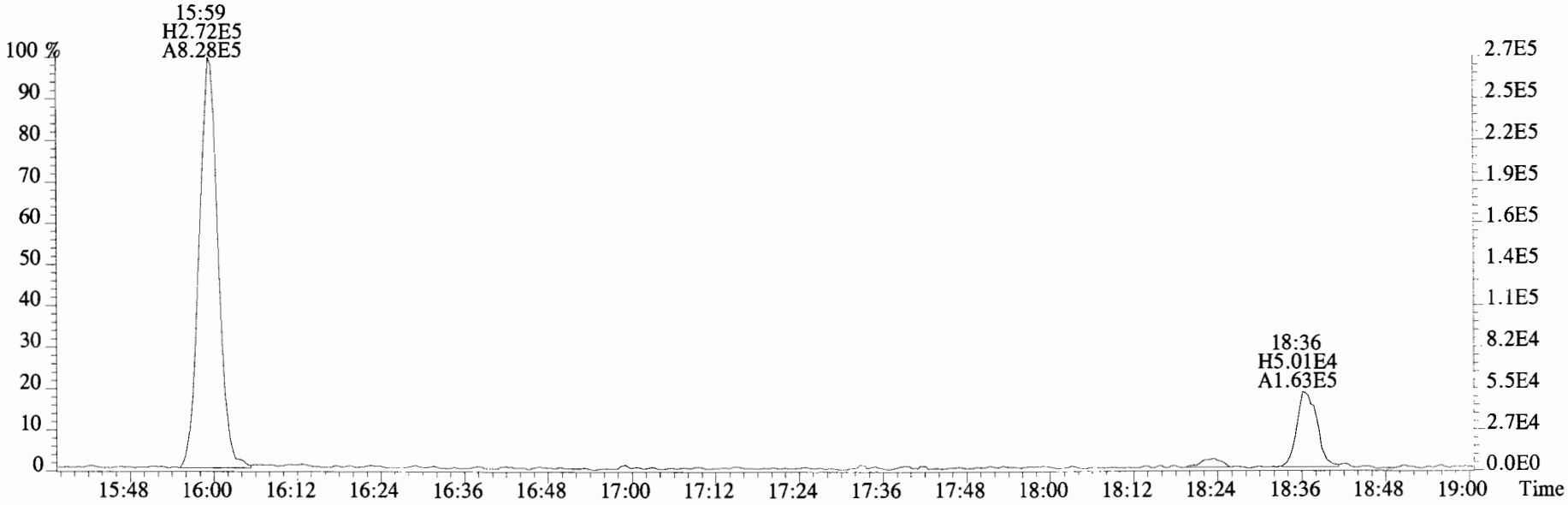
180.9880 S:12



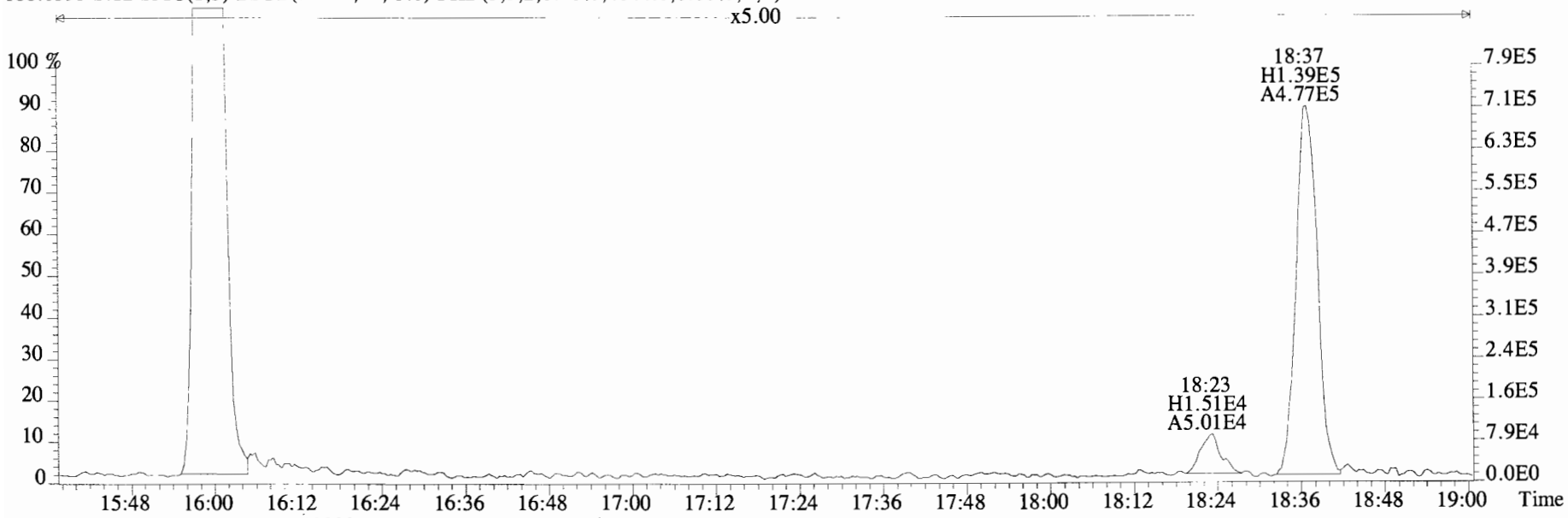
File:180409E2 #1-867 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4044.0,0.00%,F,F)



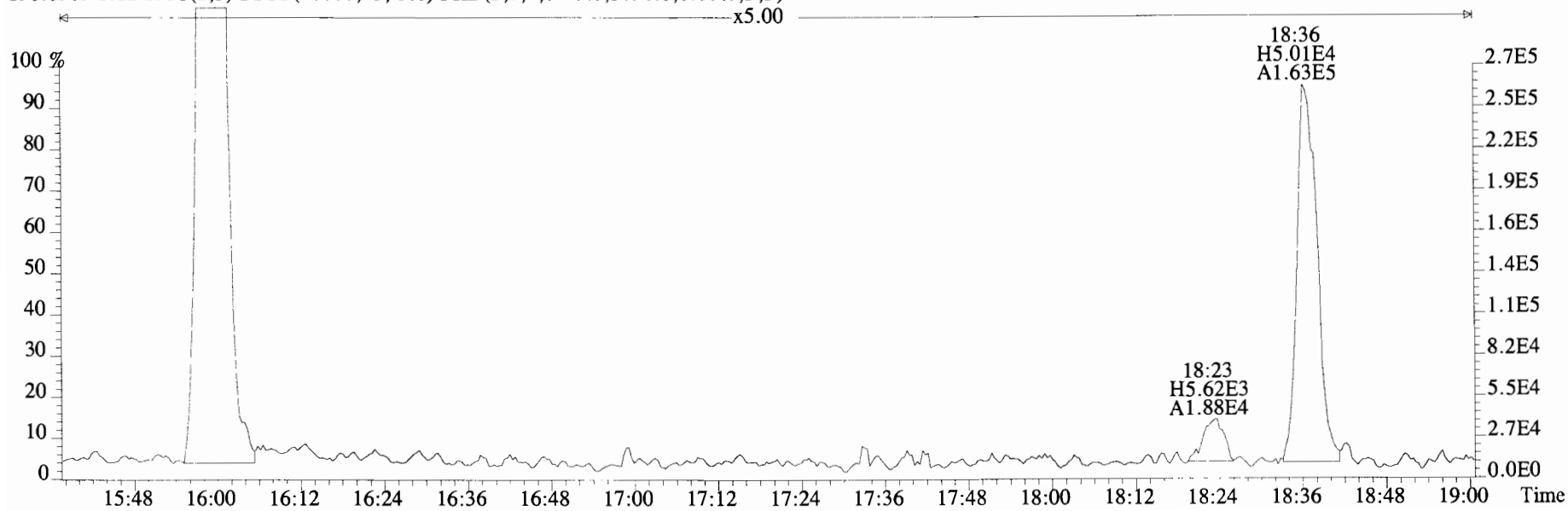
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3096.0,0.00%,F,F)



File:180409E2 #1-867 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4044.0,0.00%,F,F)

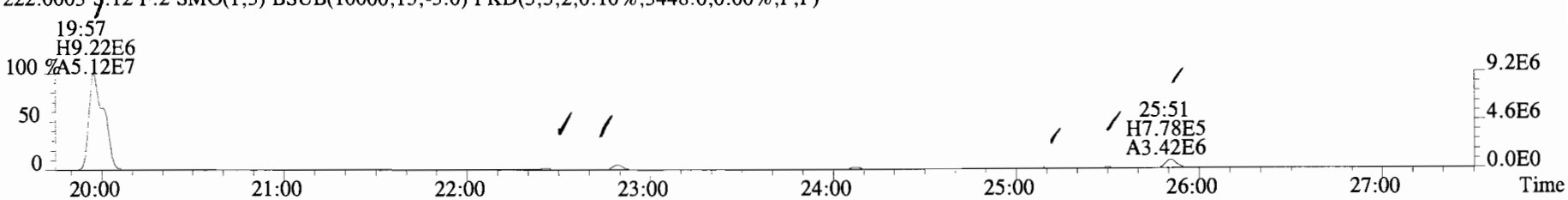


190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3096.0,0.00%,F,F)

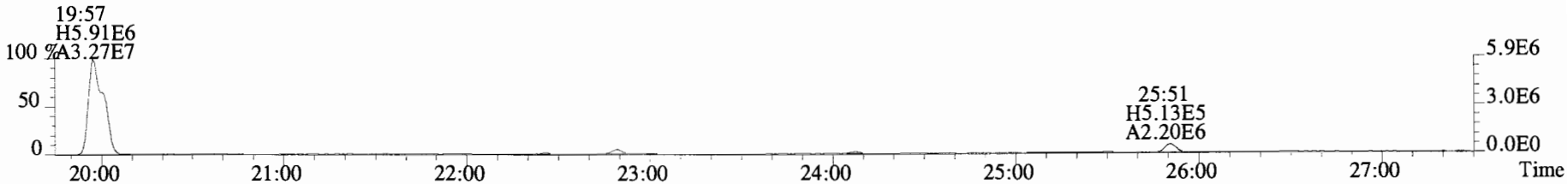


File:180409E2 #1-757 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1

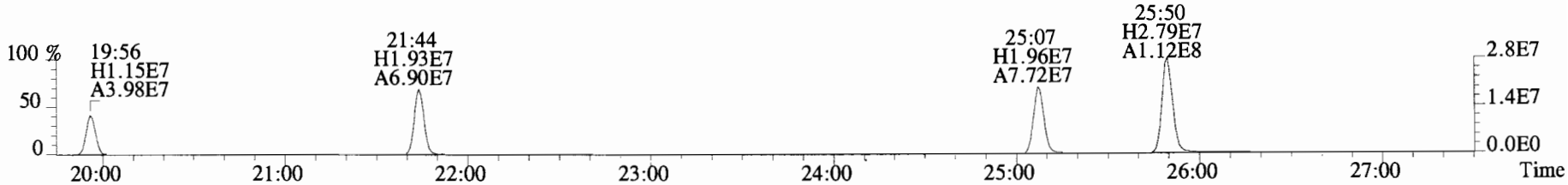
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)



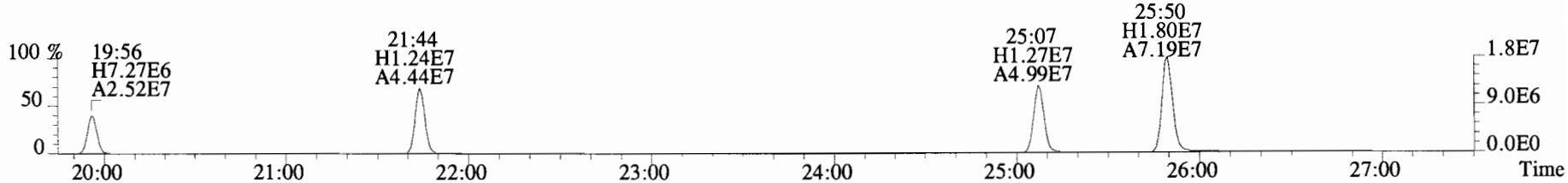
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23132.0,0.00%,F,F)



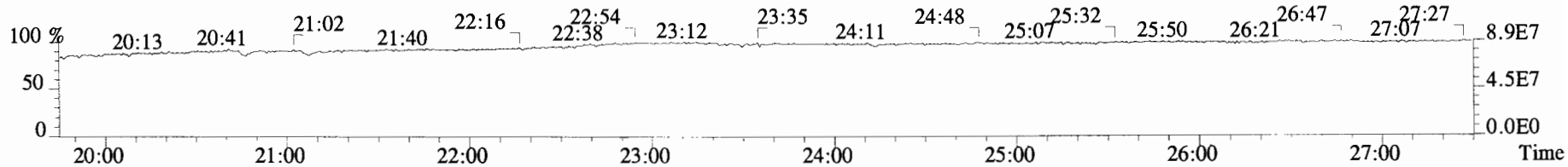
234.0406 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3912.0,0.00%,F,F)



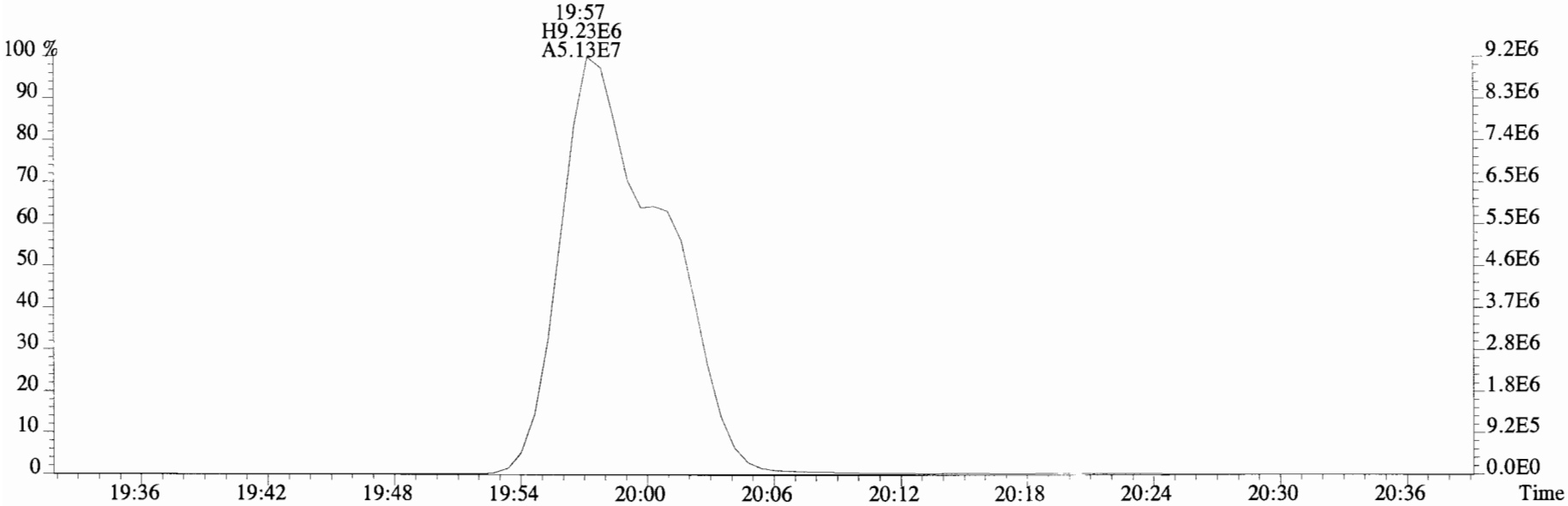
236.0376 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



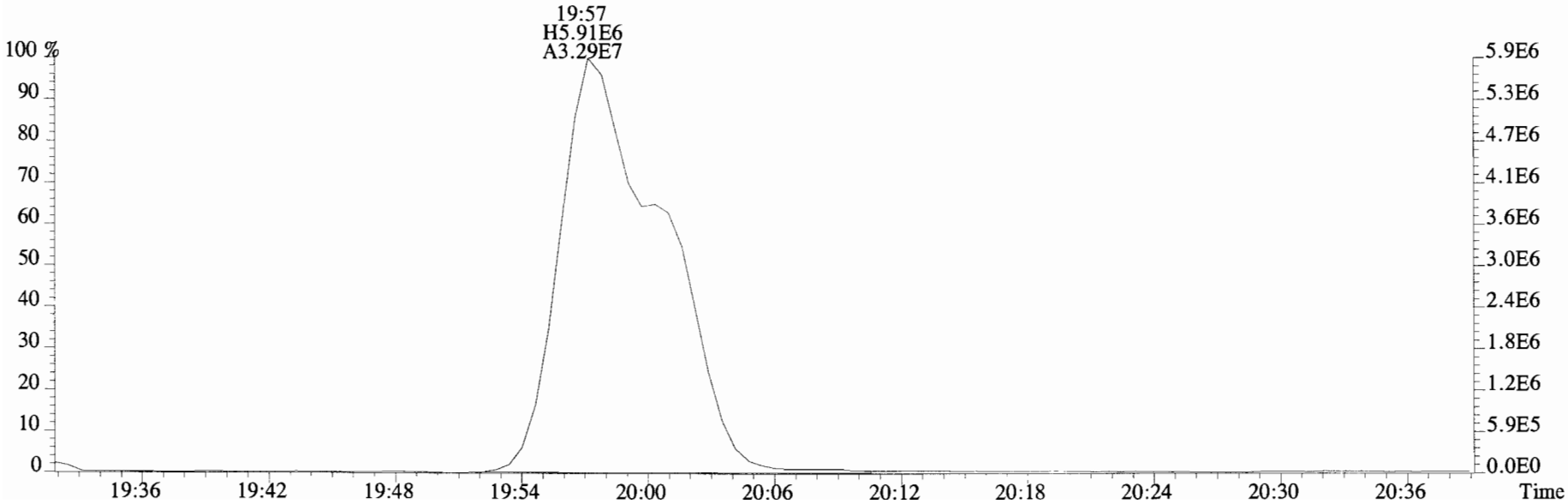
230.9856 S:12 F:2



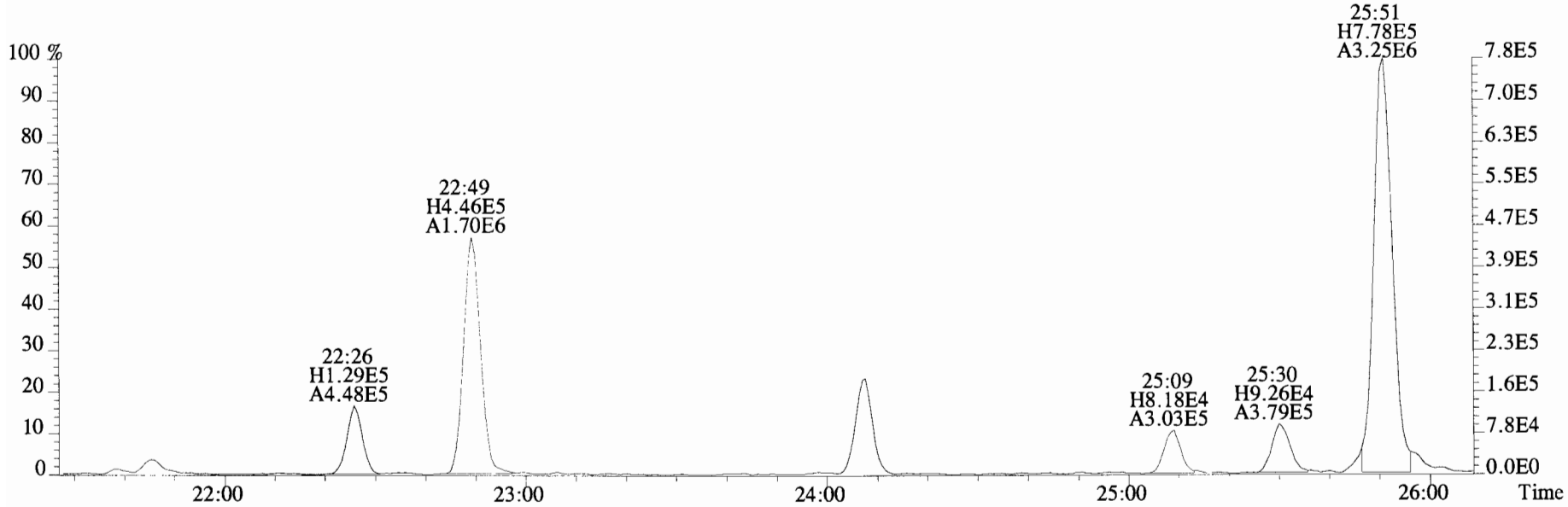
File:180409E2 #1-757 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)



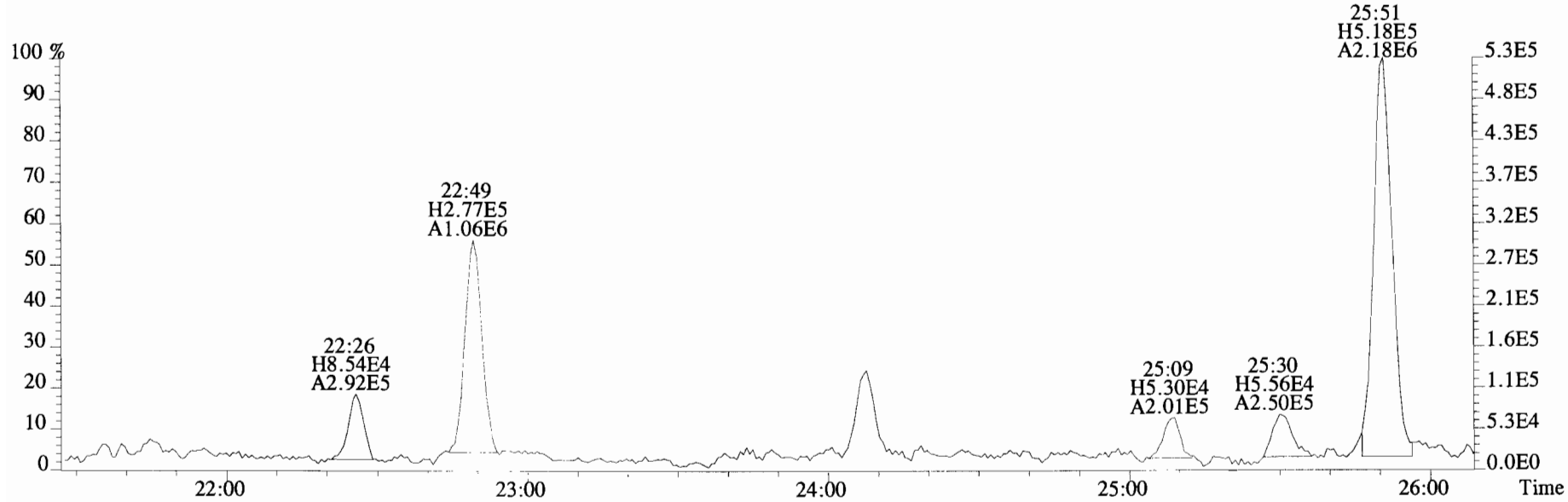
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23132.0,0.00%,F,F)



File:180409E2 #1-757 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)

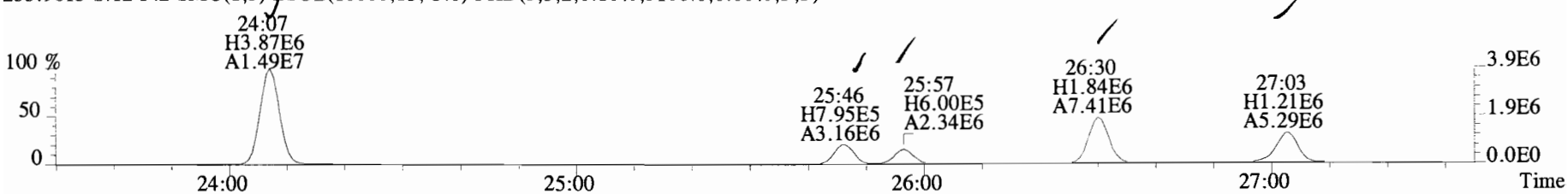


223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23132.0,0.00%,F,F)

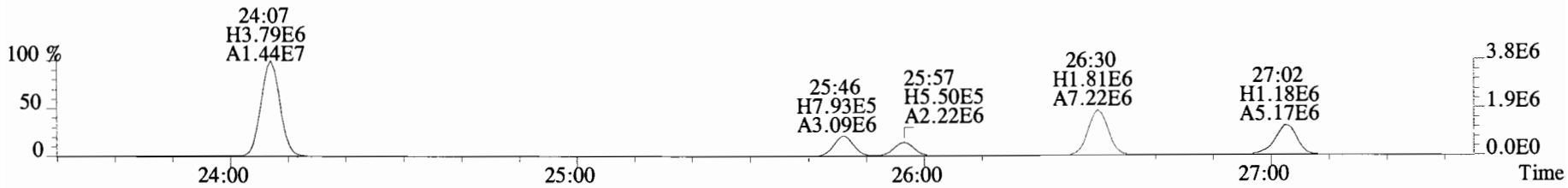


File:180409E2 #1-757 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1

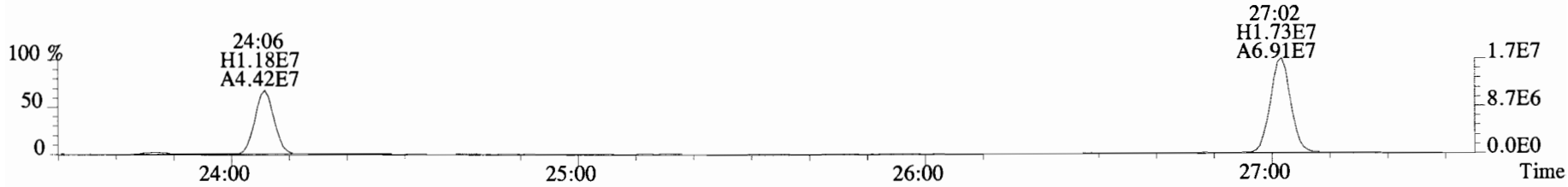
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3108.0,0.00%,F,F)



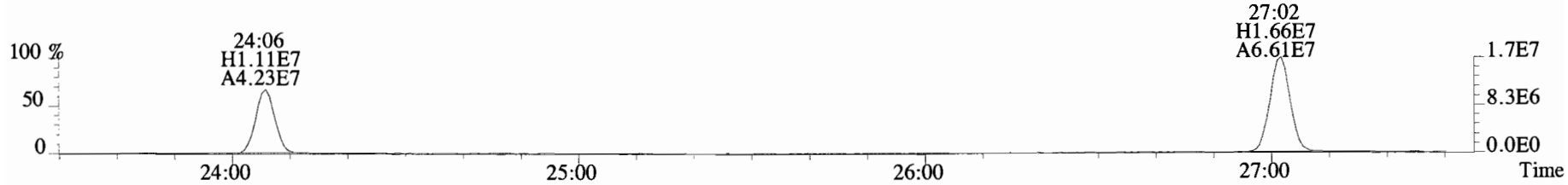
257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



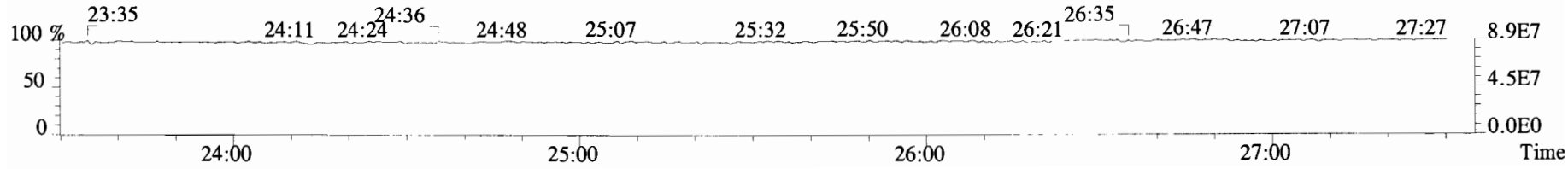
268.0016 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69580.0,0.00%,F,F)



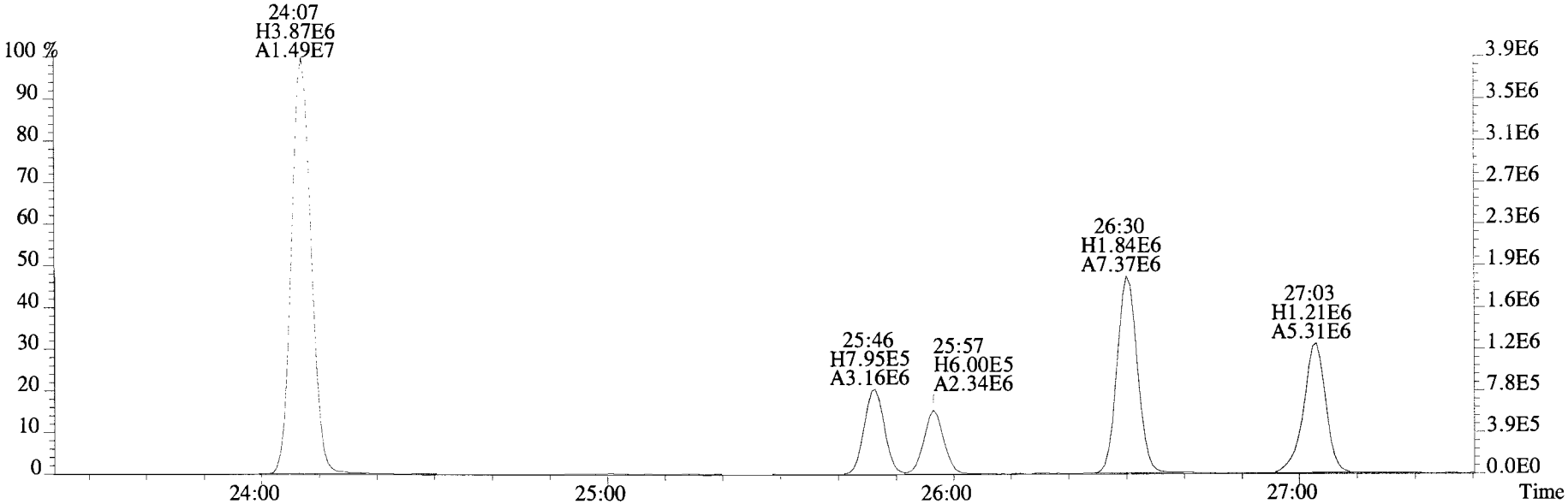
269.9986 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,68444.0,0.00%,F,F)



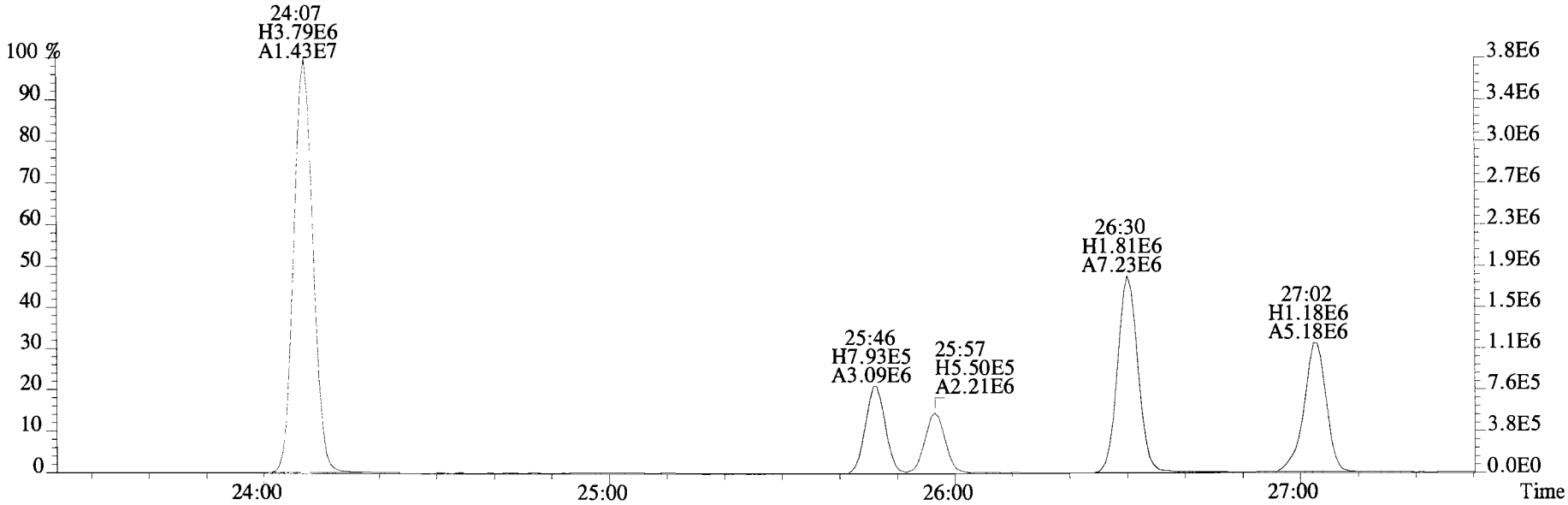
230.9856 S:12 F:2



File:180409E2 #1-757 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3108.0,0.00%,F,F)

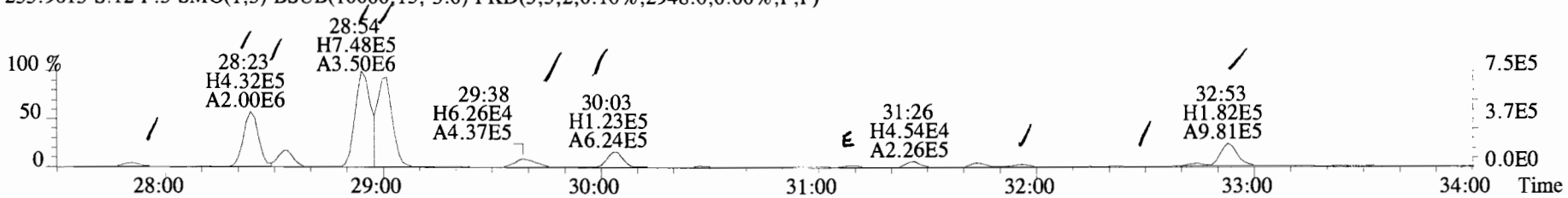


257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)

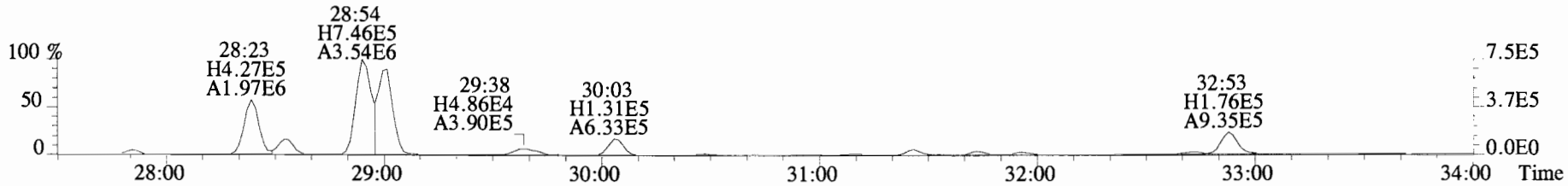


File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1

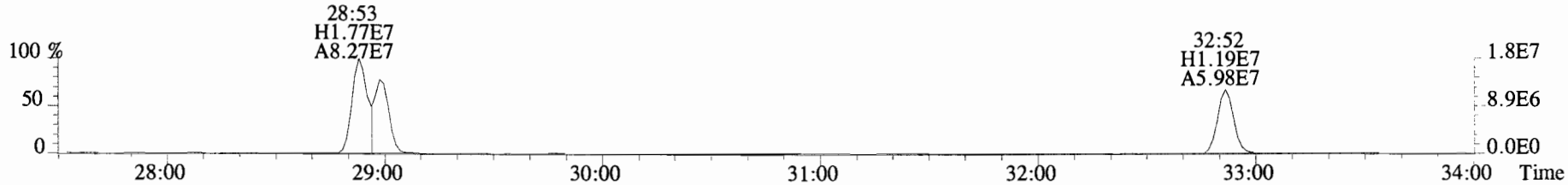
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2948.0,0.00%,F,F)



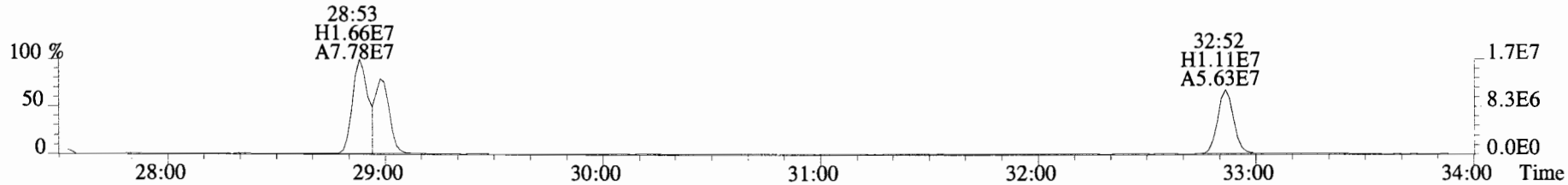
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



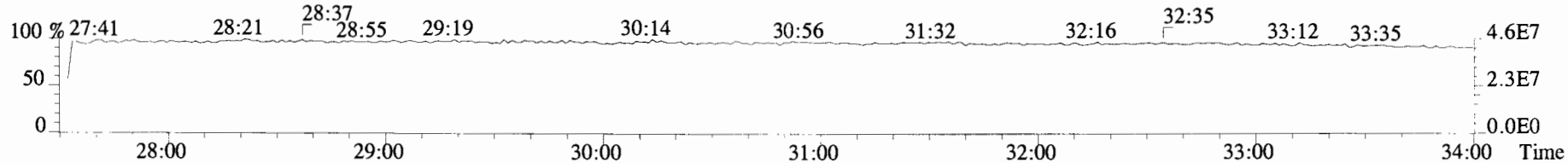
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74352.0,0.00%,F,F)



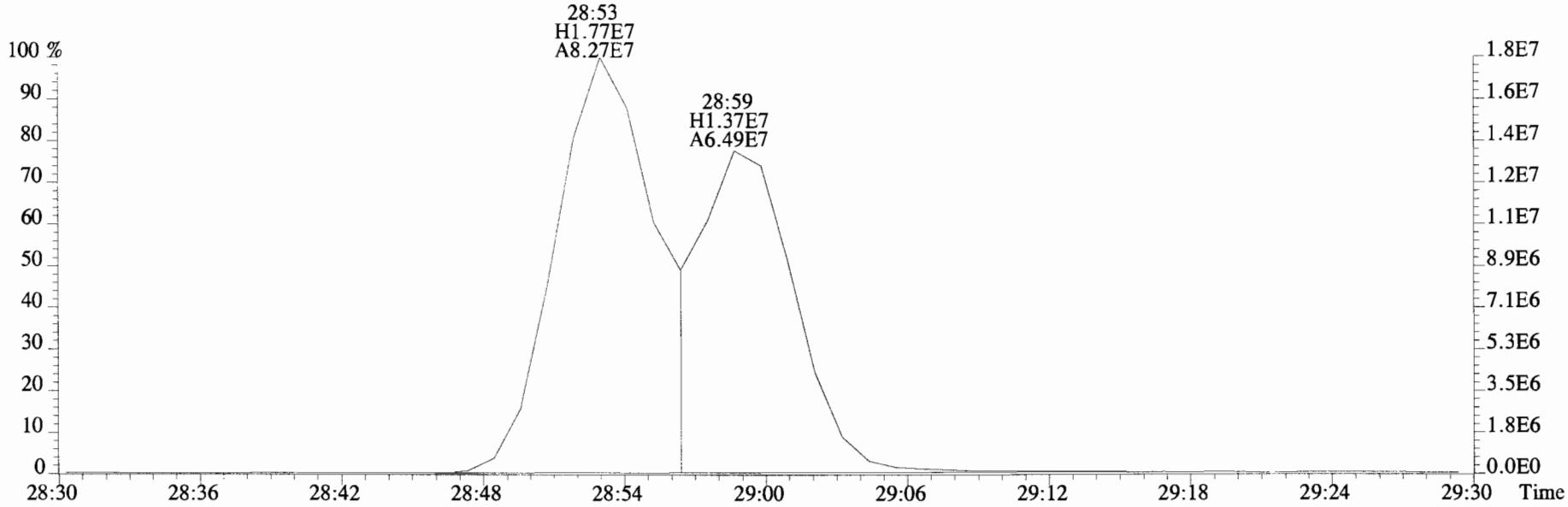
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59268.0,0.00%,F,F)



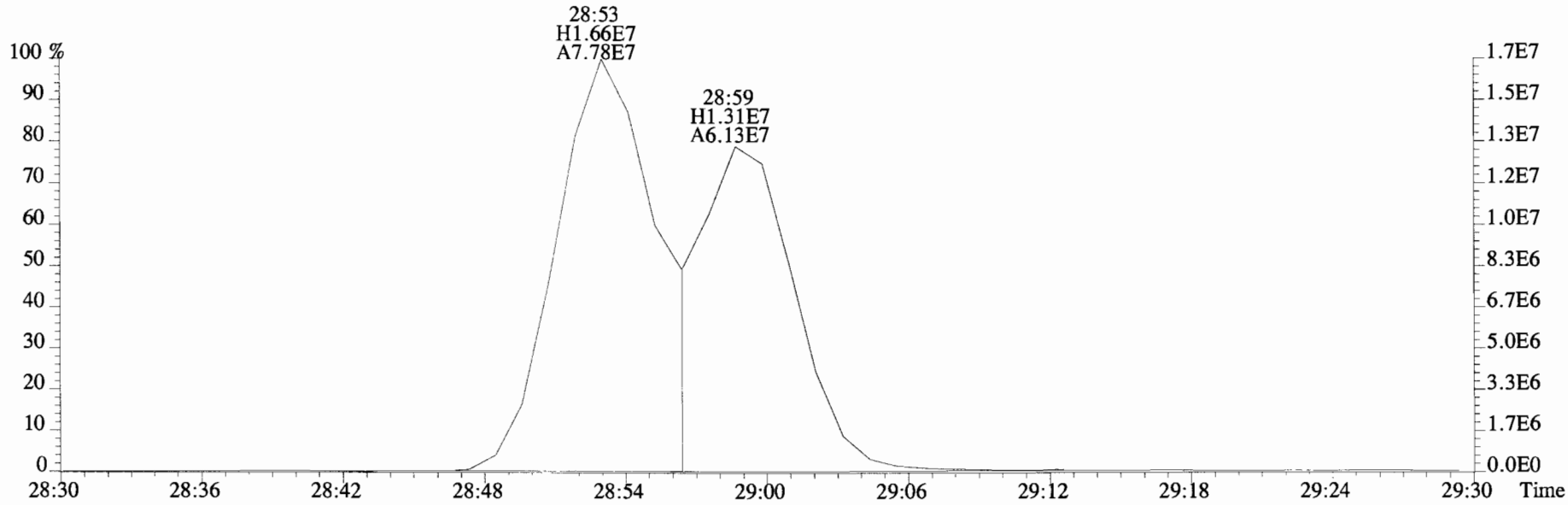
330.9792 S:12 F:3



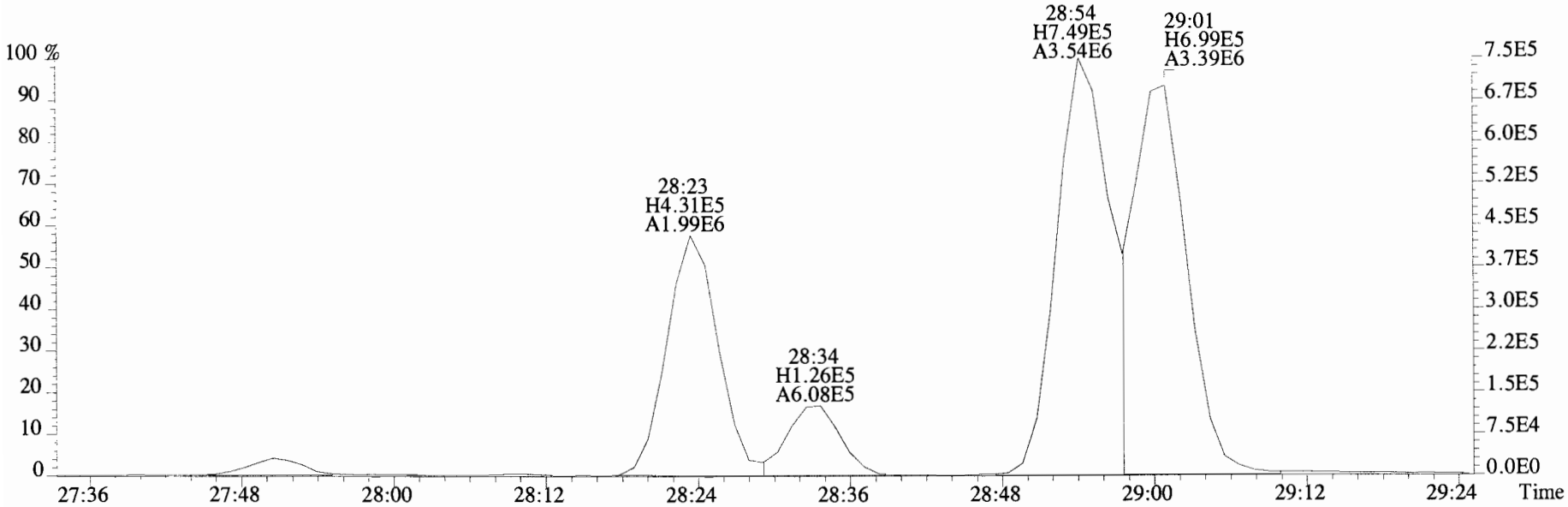
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74352.0,0.00%,F,F)



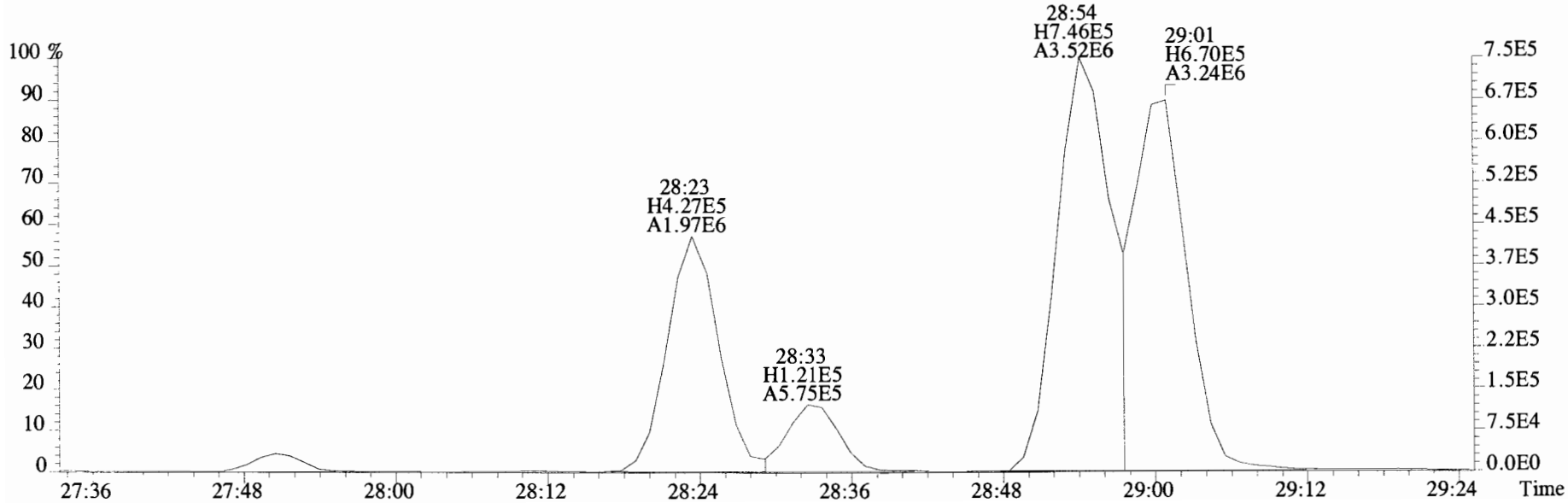
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59268.0,0.00%,F,F)



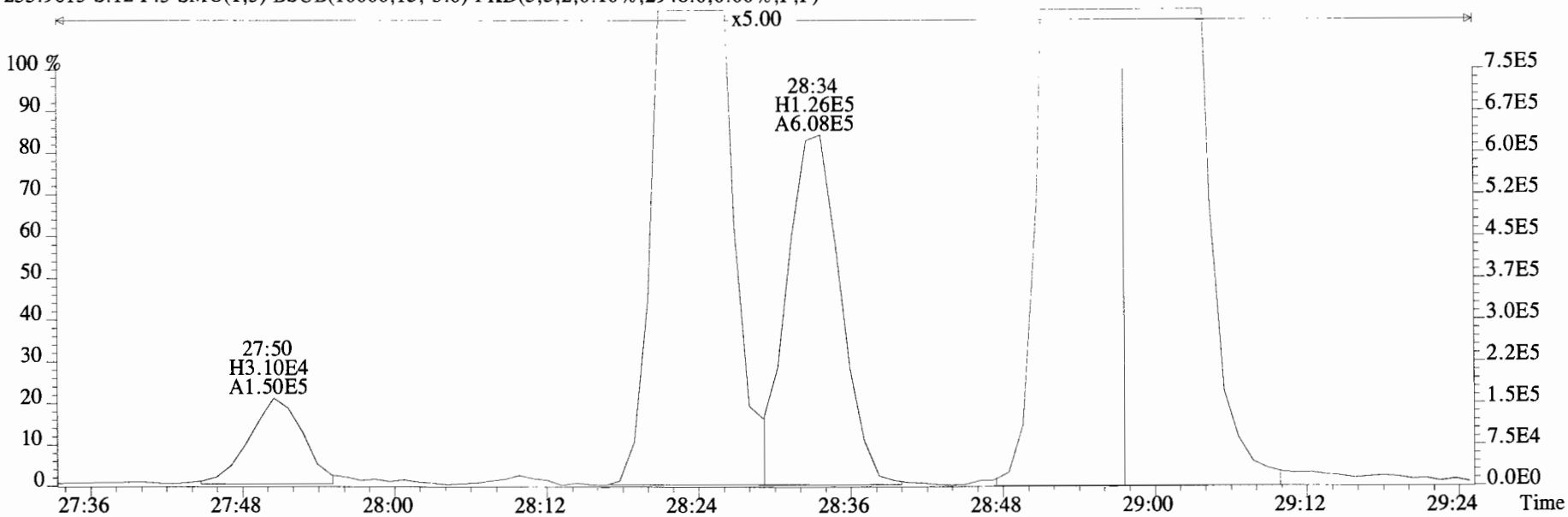
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2948.0,0.00%,F,F)



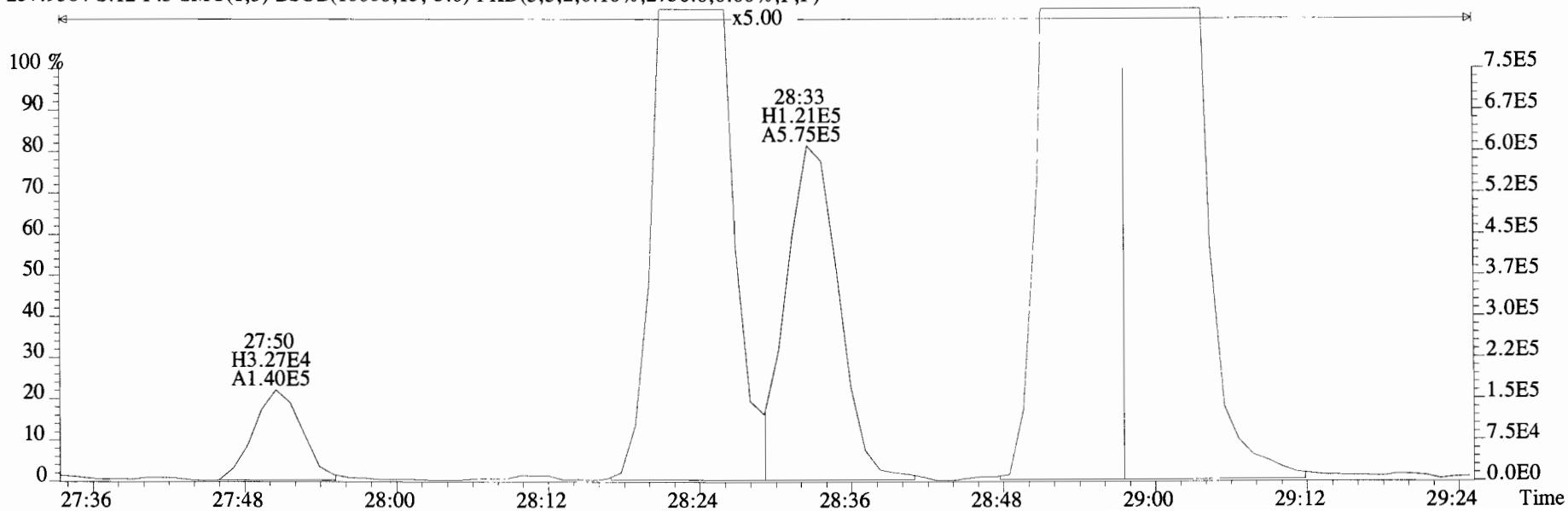
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



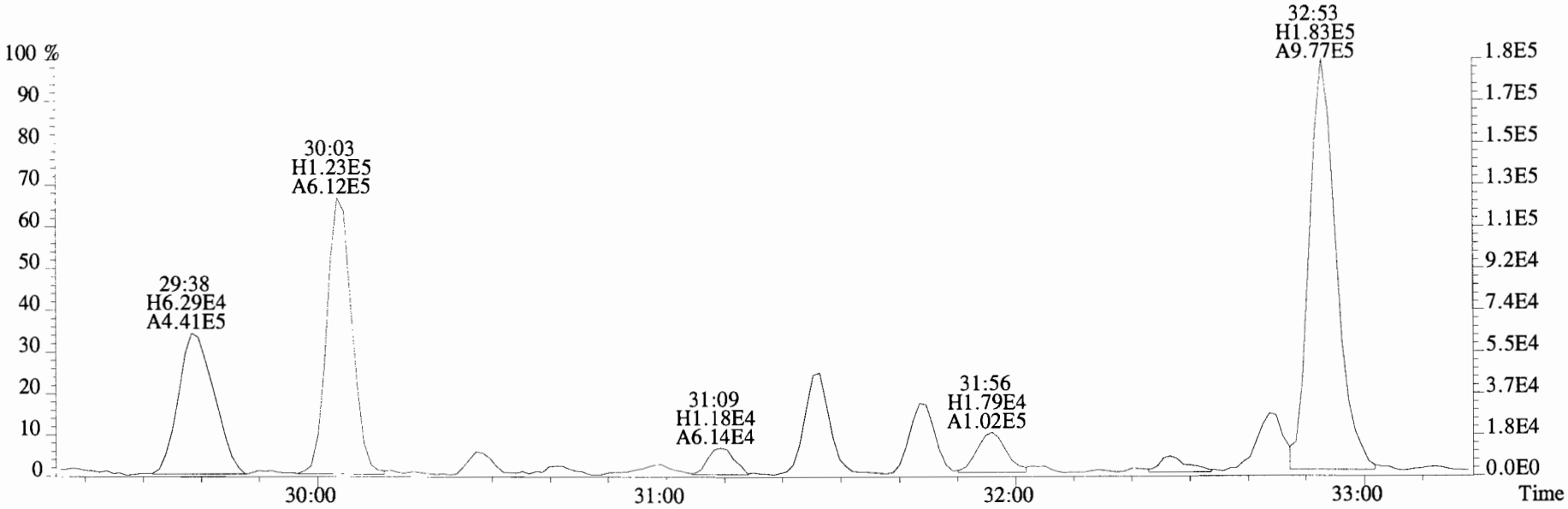
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2948.0,0.00%,F,F)



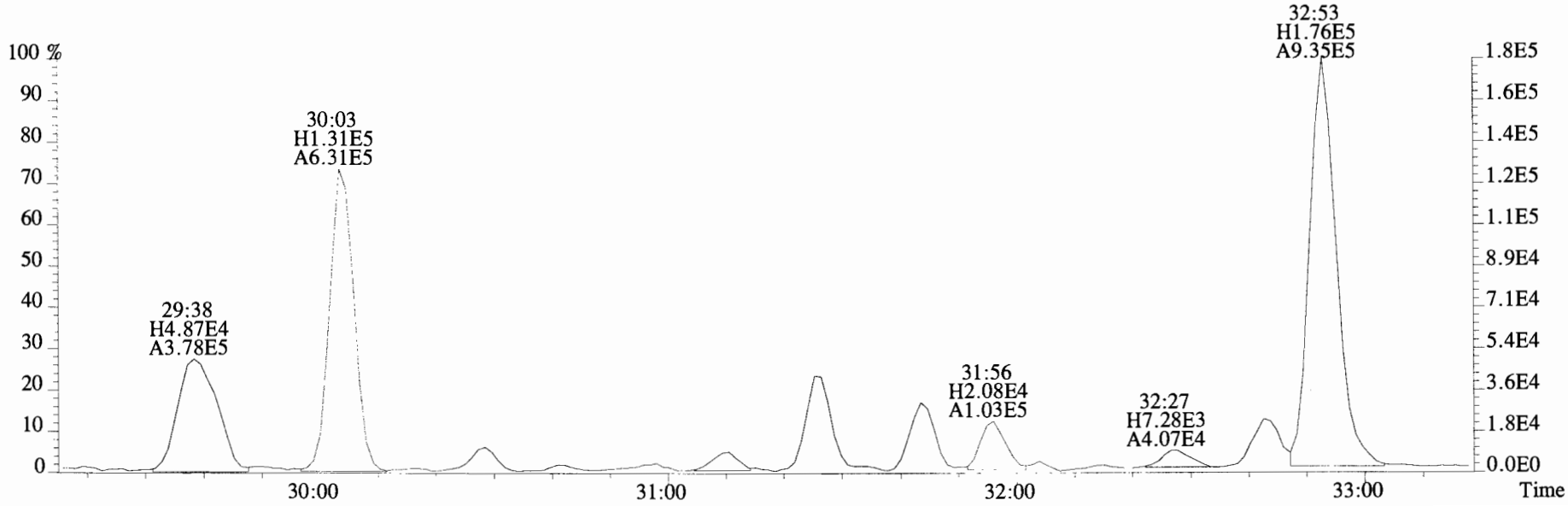
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



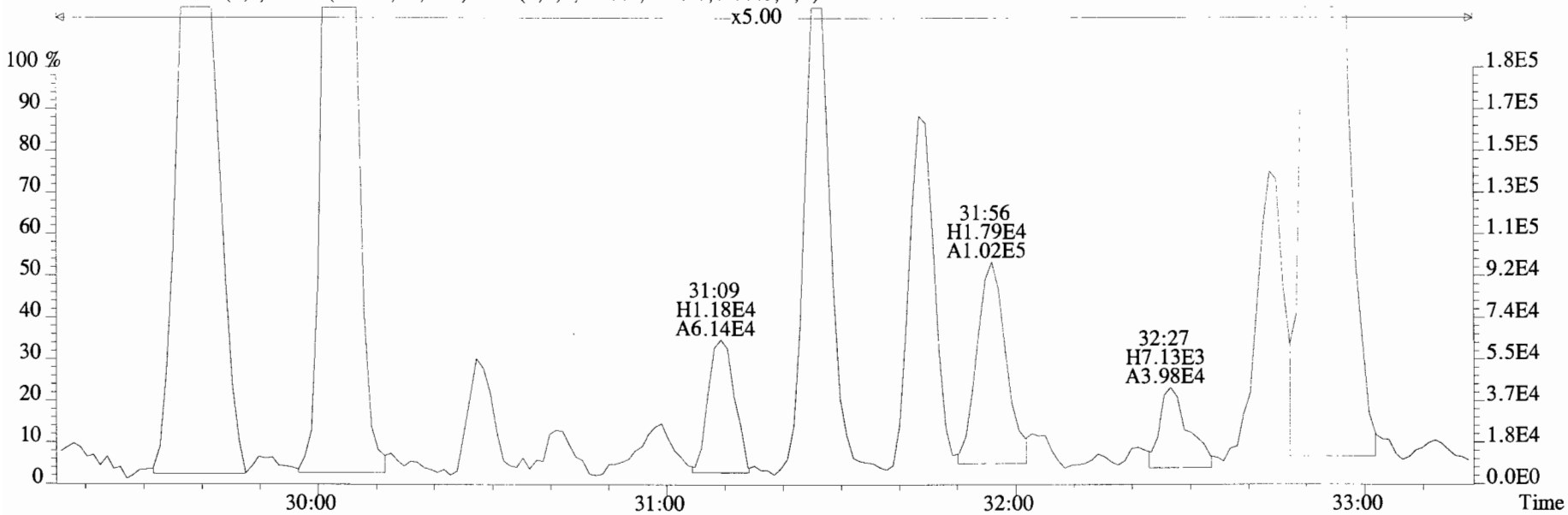
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2948.0,0.00%,F,F)



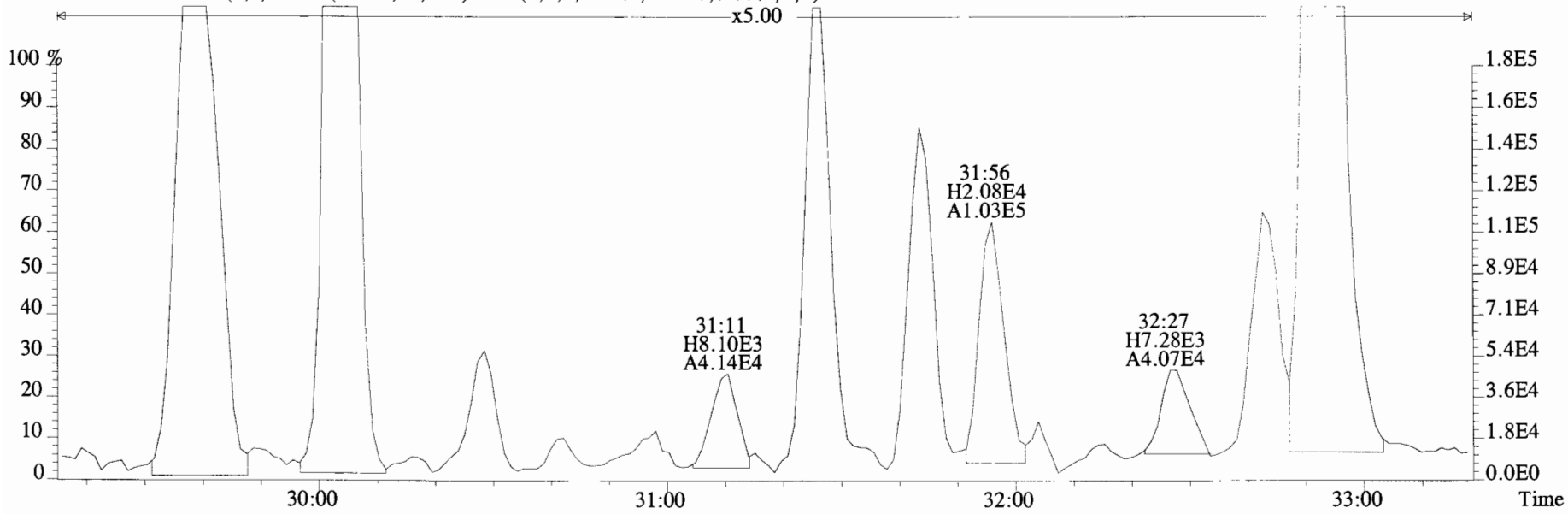
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



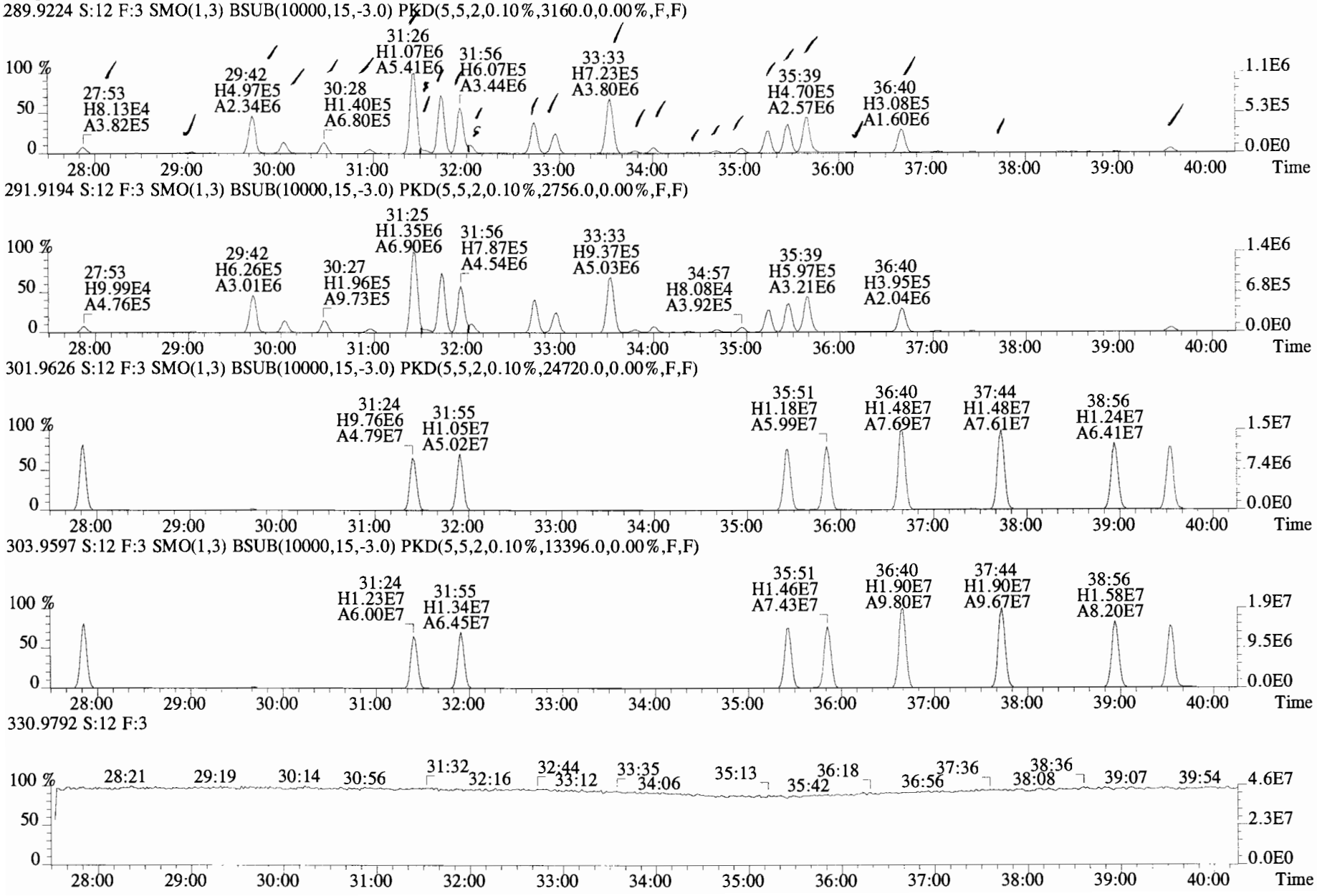
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2948.0,0.00%,F,F)



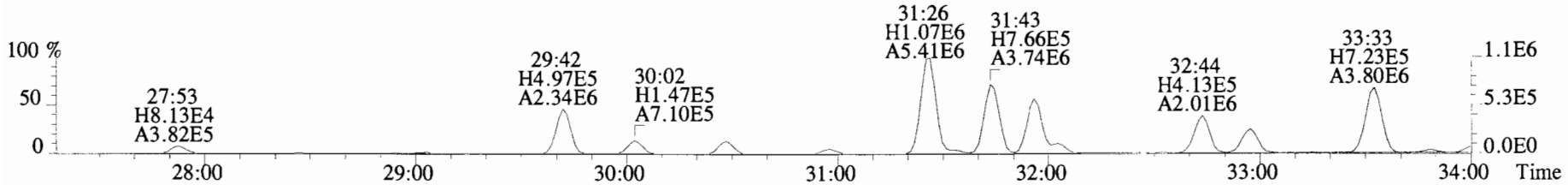
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2736.0,0.00%,F,F)



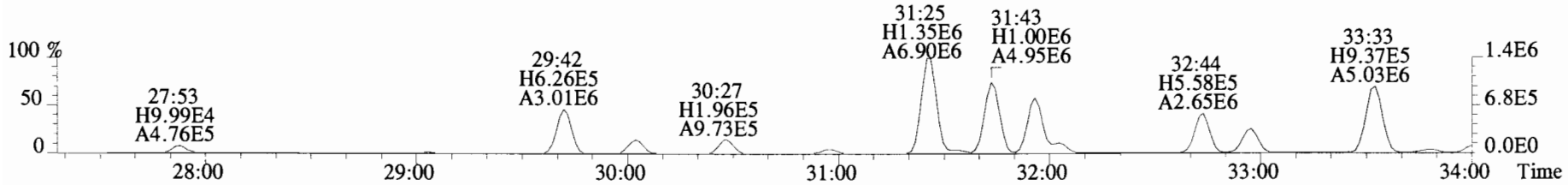
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1



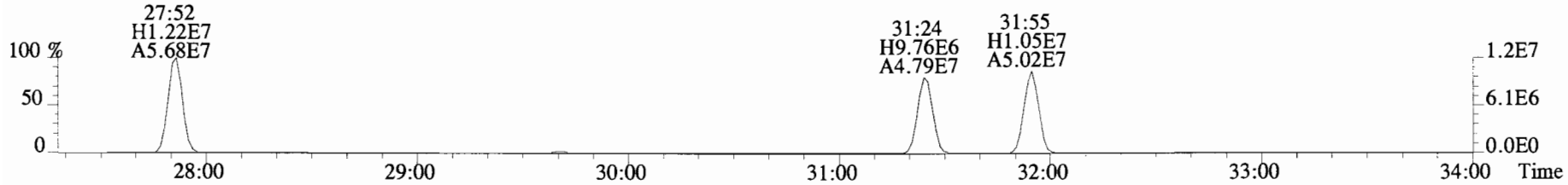
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



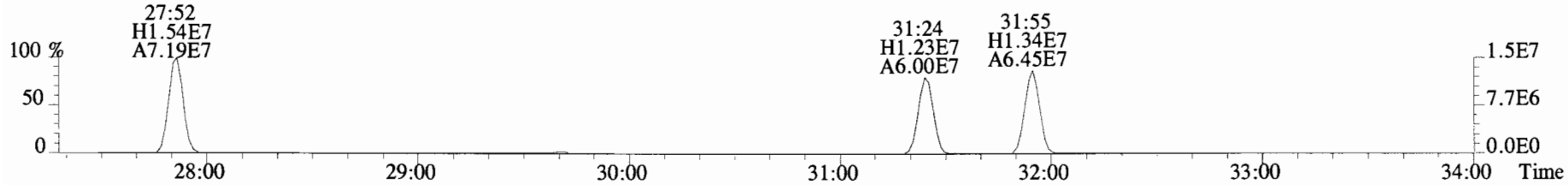
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



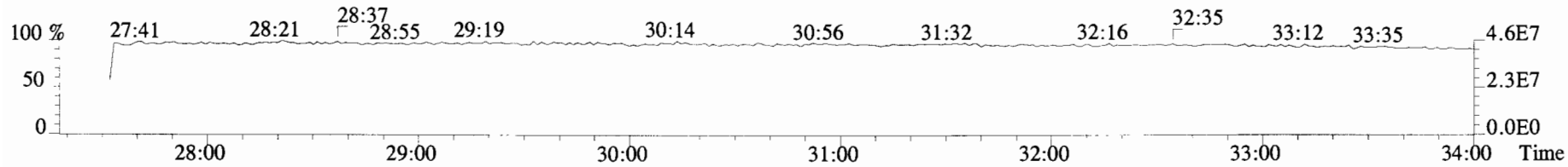
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



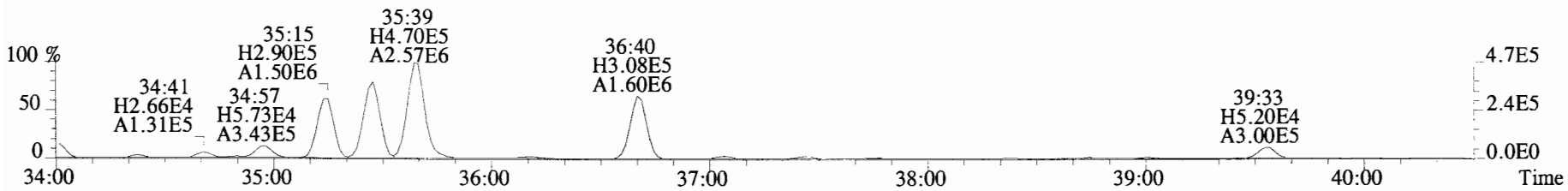
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13396.0,0.00%,F,F)



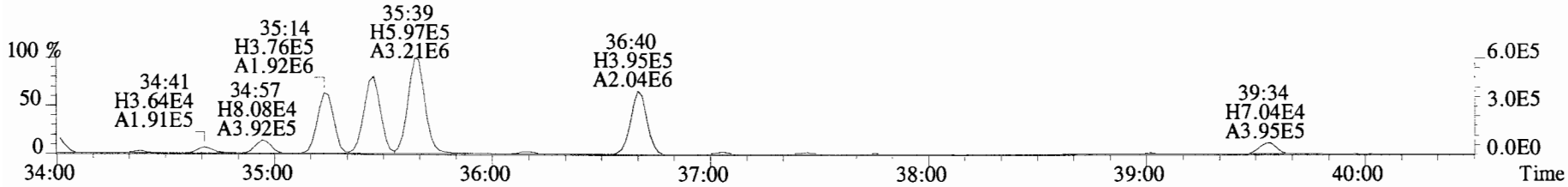
330.9792 S:12 F:3



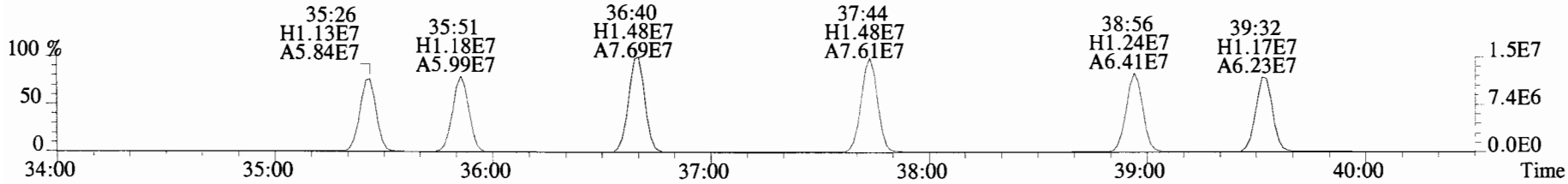
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



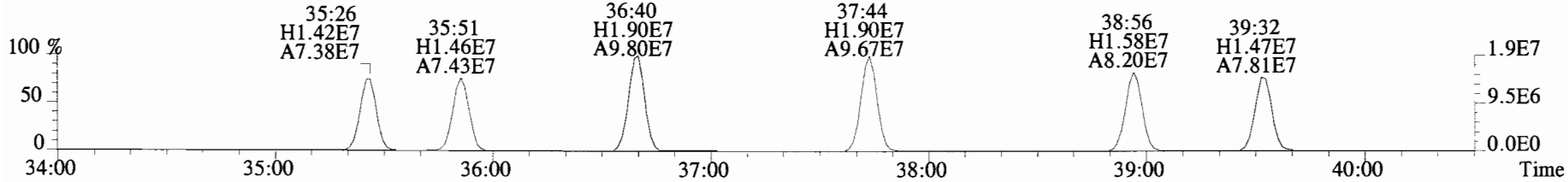
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



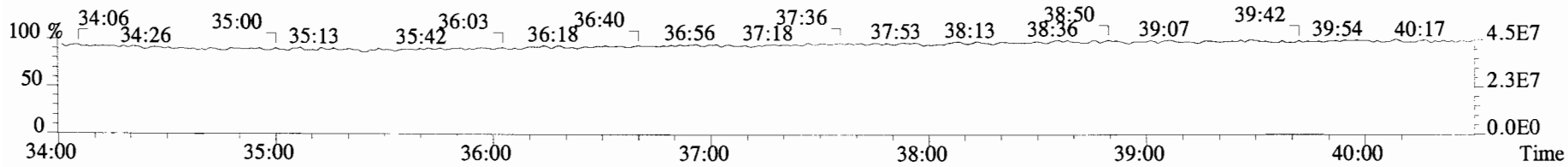
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



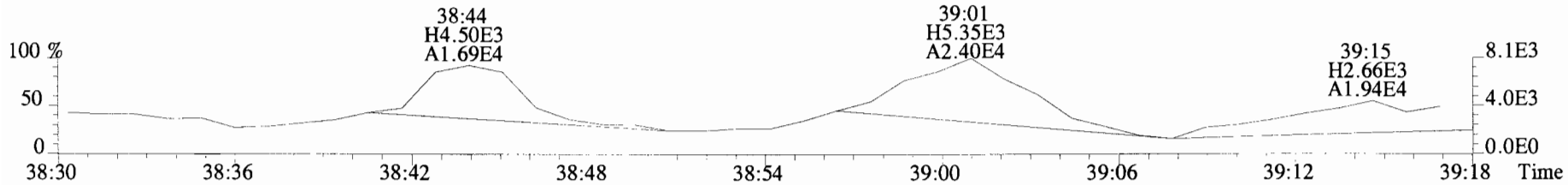
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13396.0,0.00%,F,F)



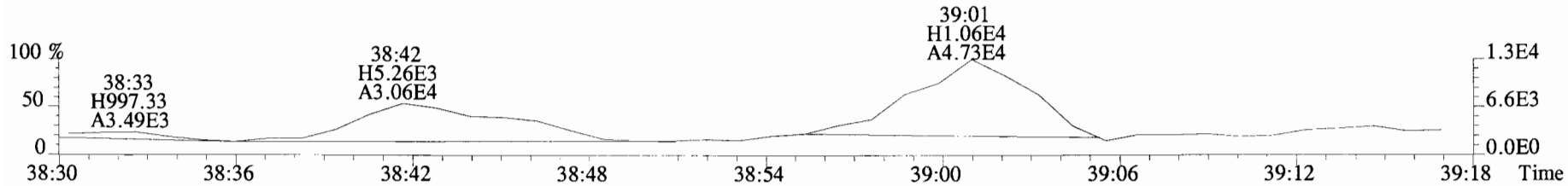
330.9792 S:12 F:3



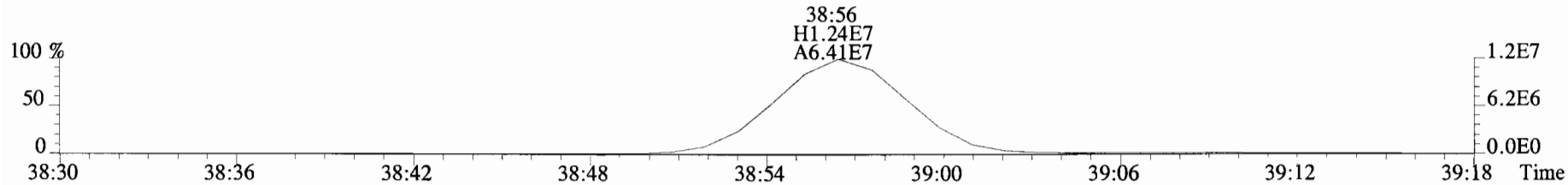
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



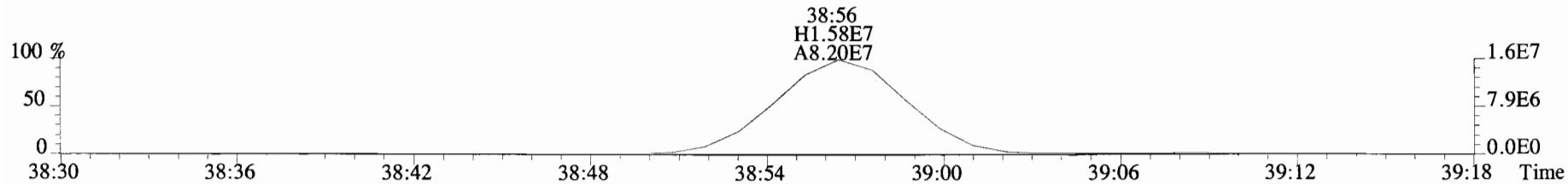
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



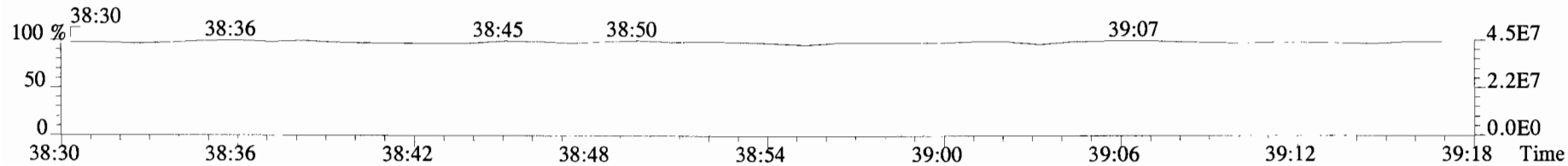
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



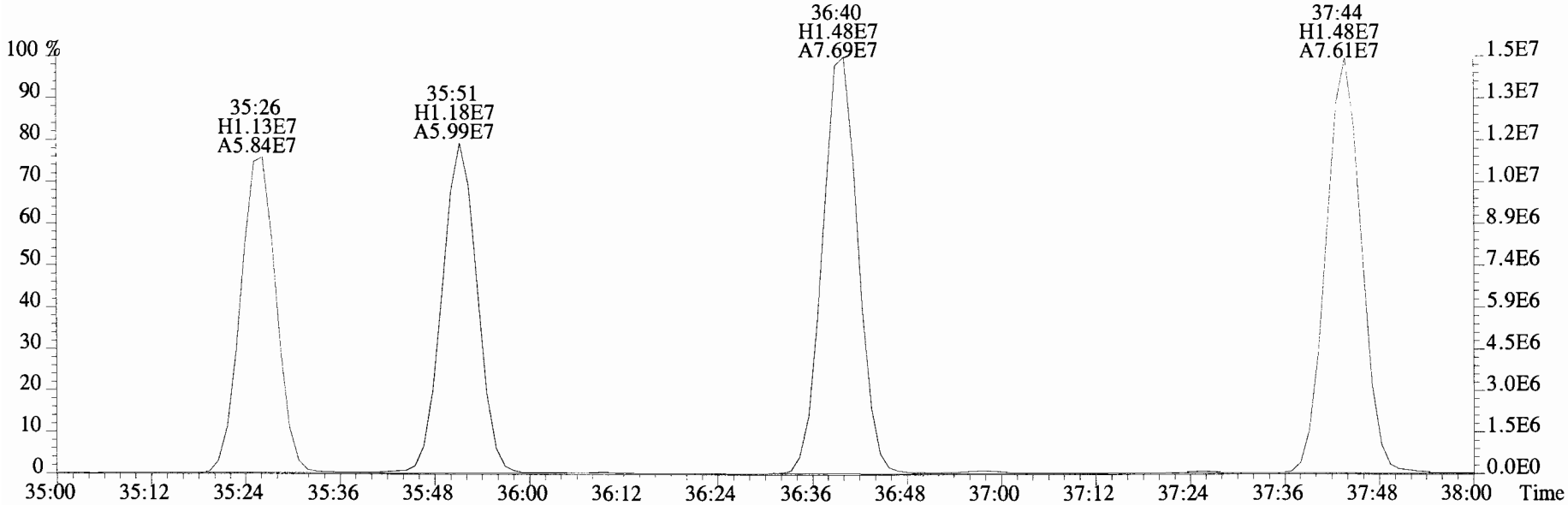
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13396.0,0.00%,F,F)



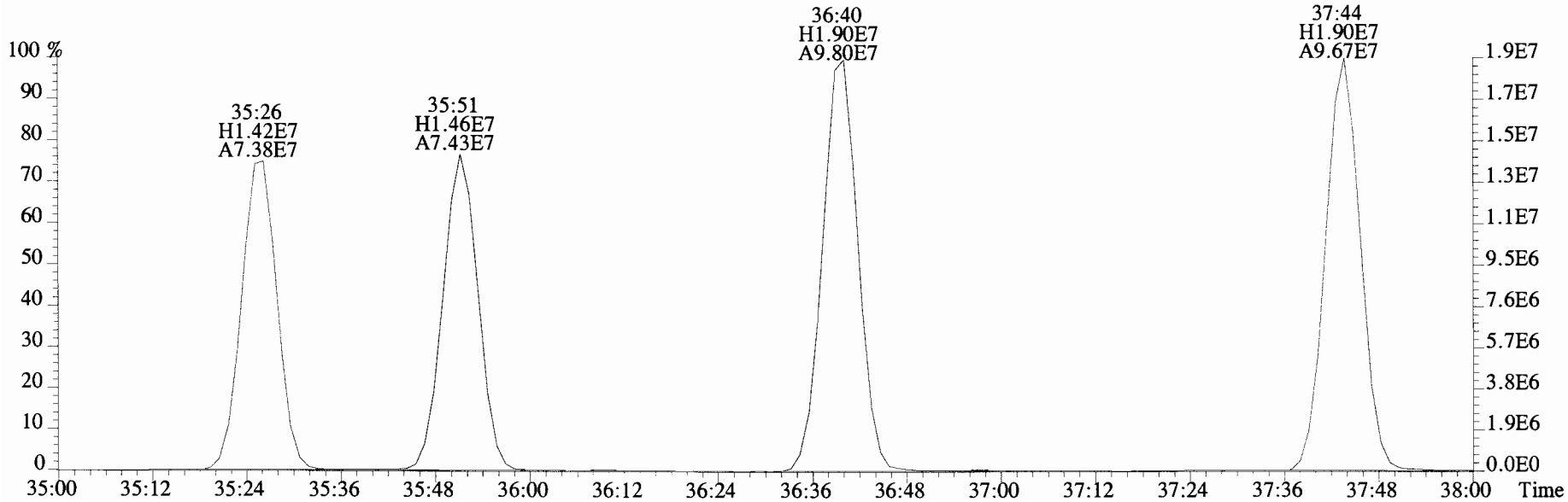
330.9792 S:12 F:3



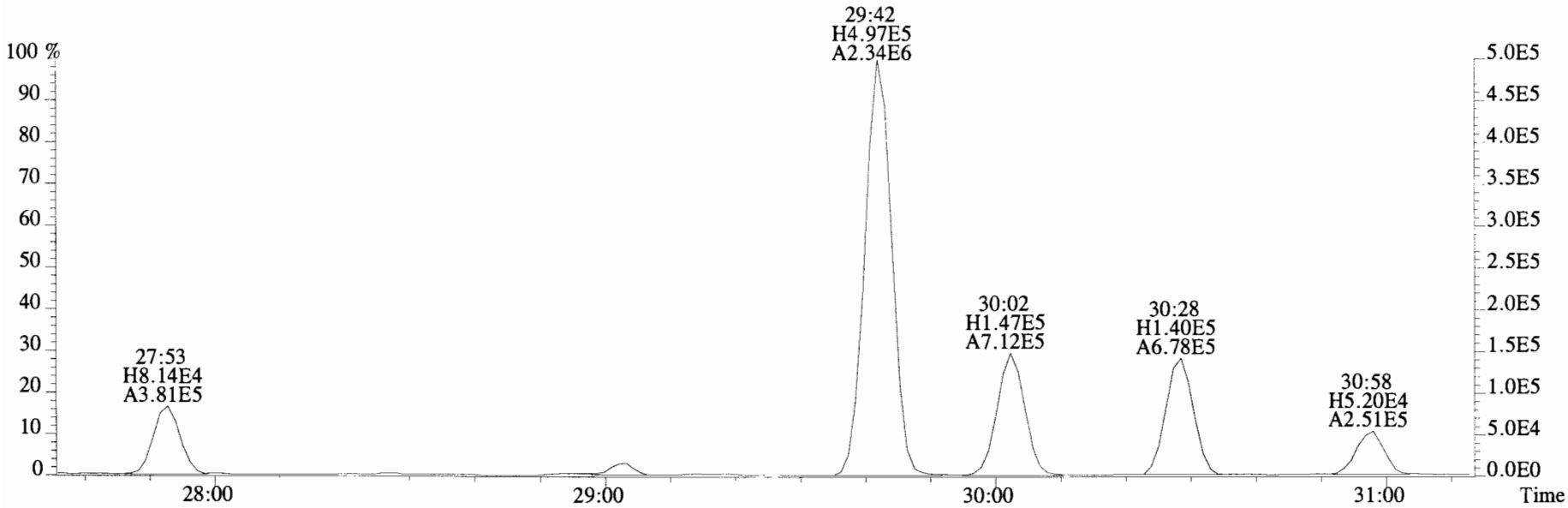
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



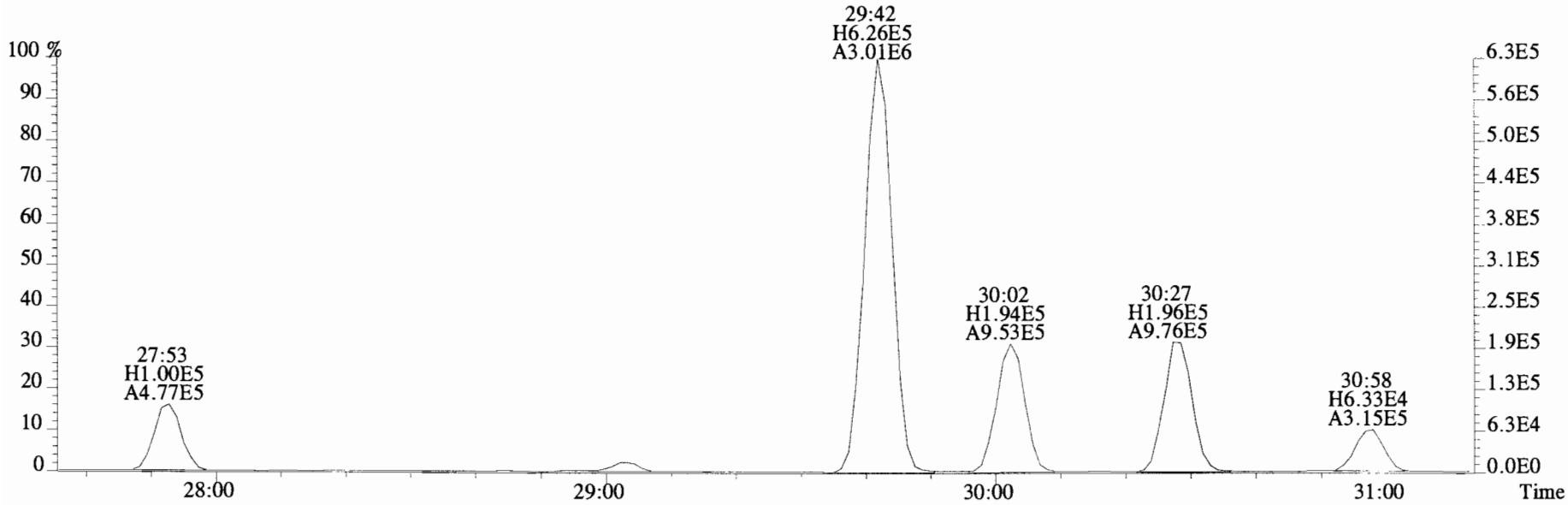
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13396.0,0.00%,F,F)



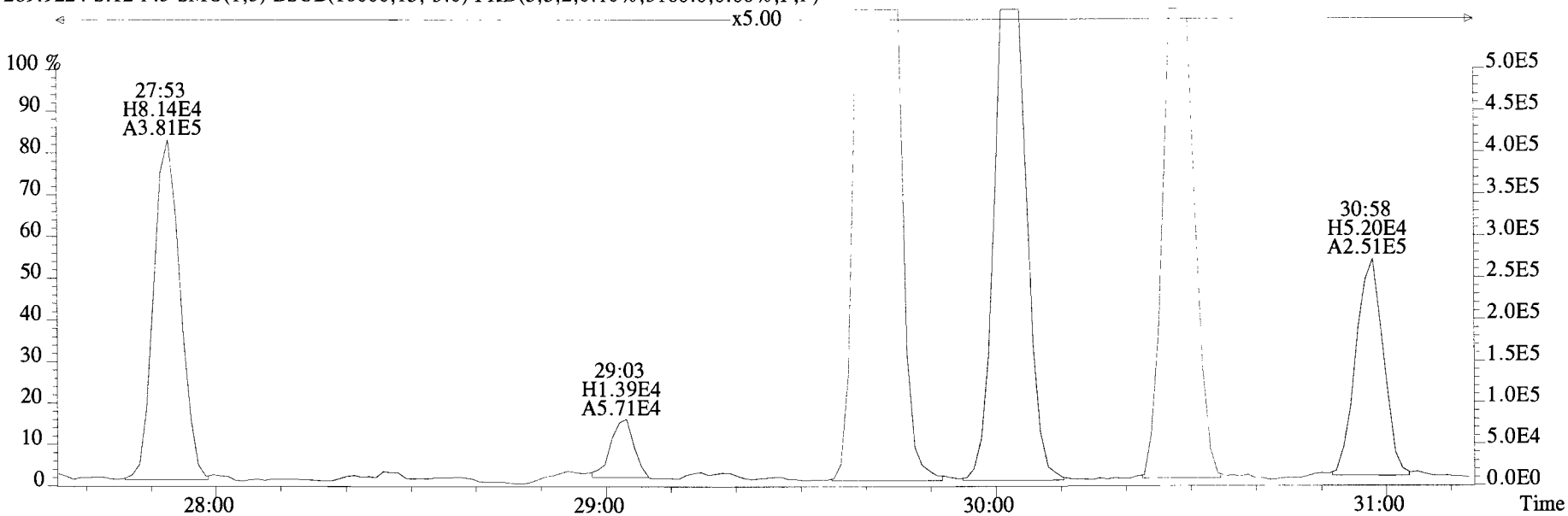
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



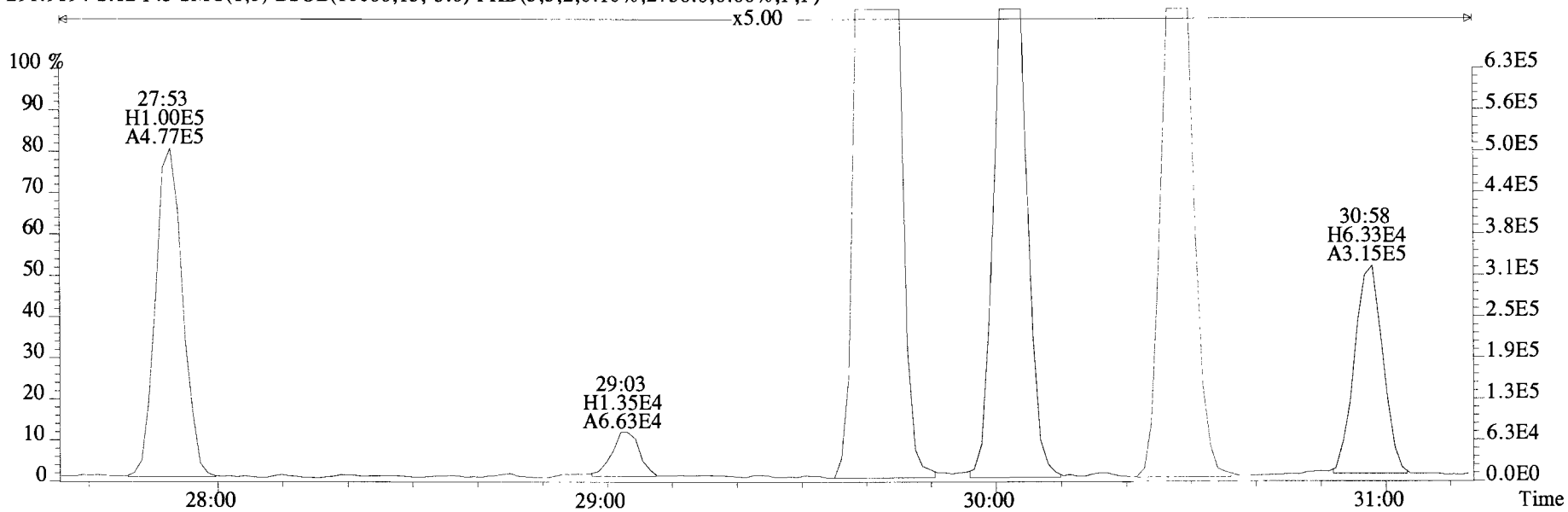
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



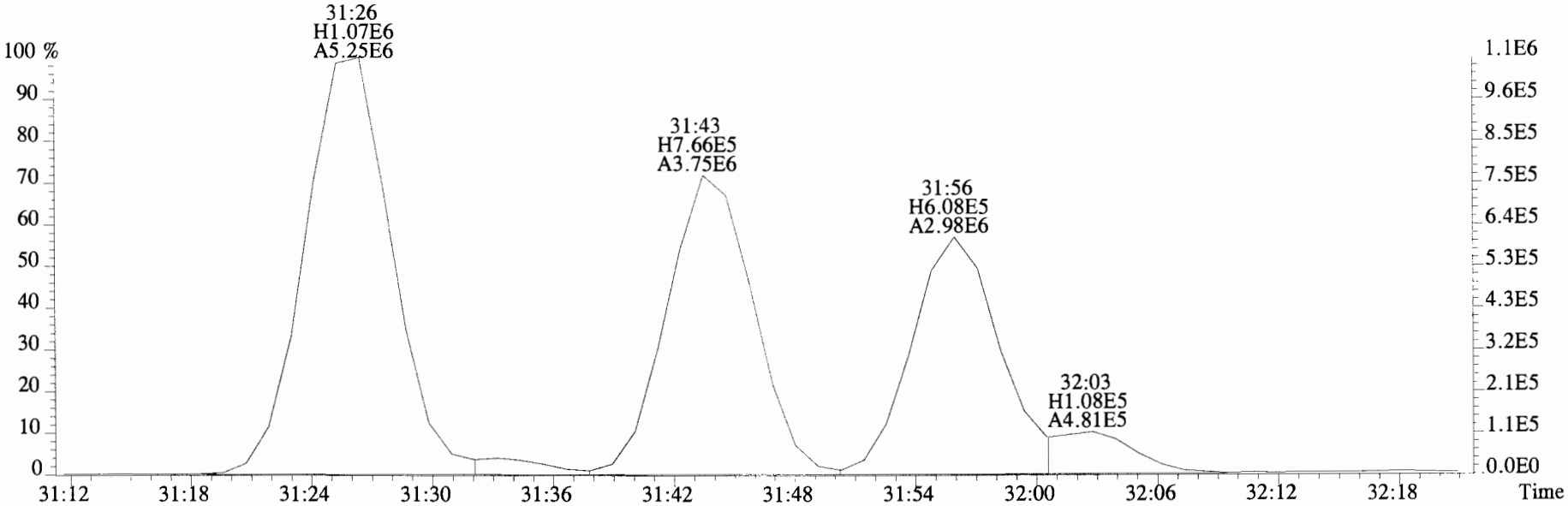
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



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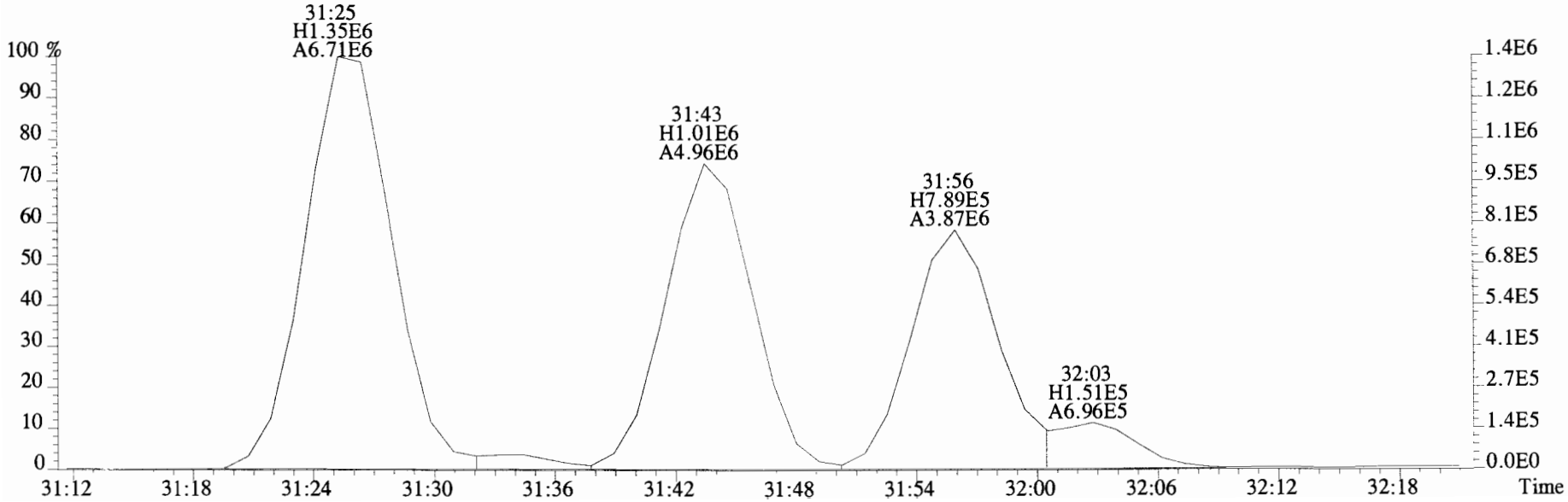
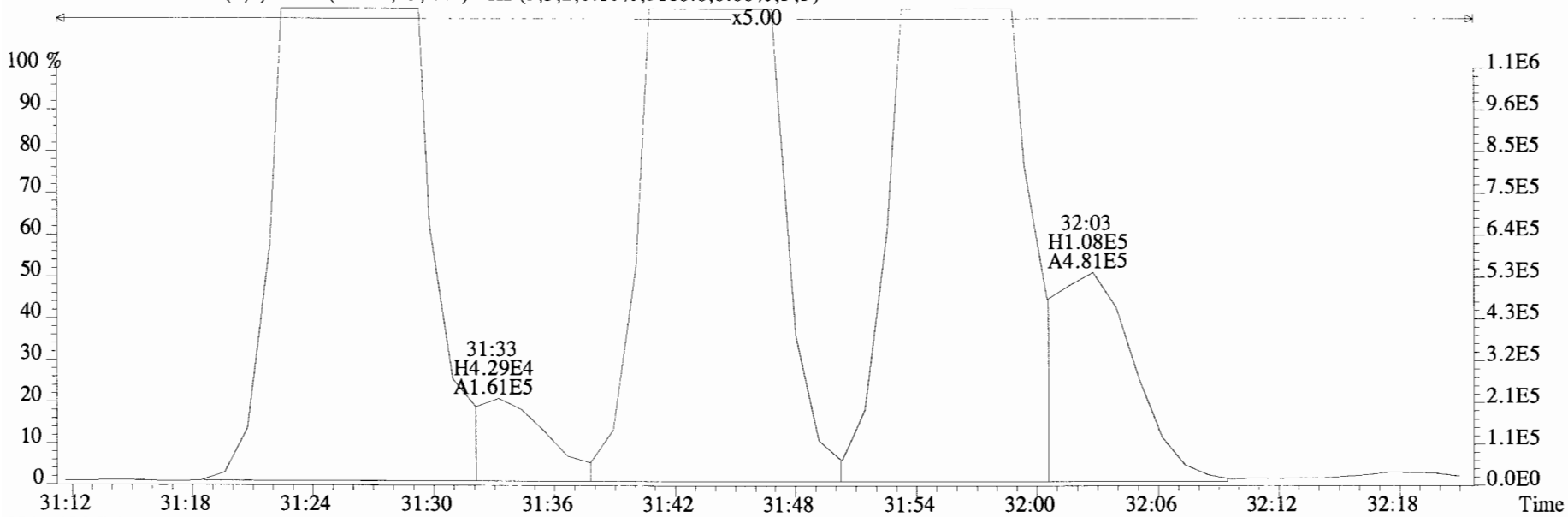
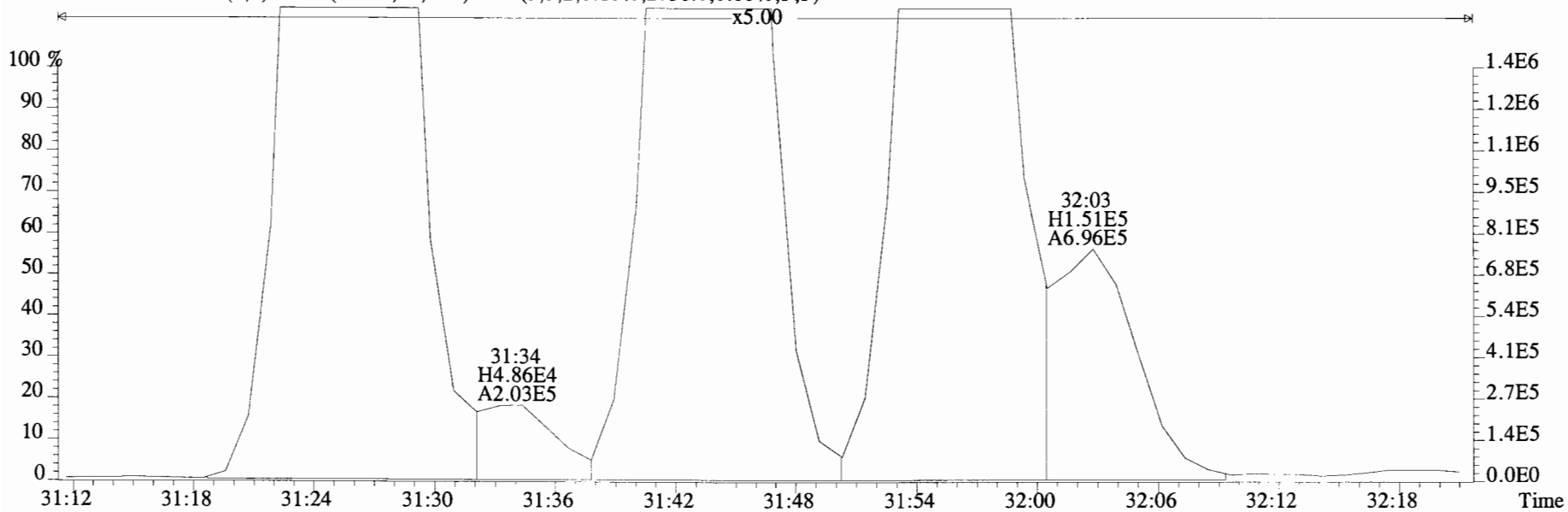


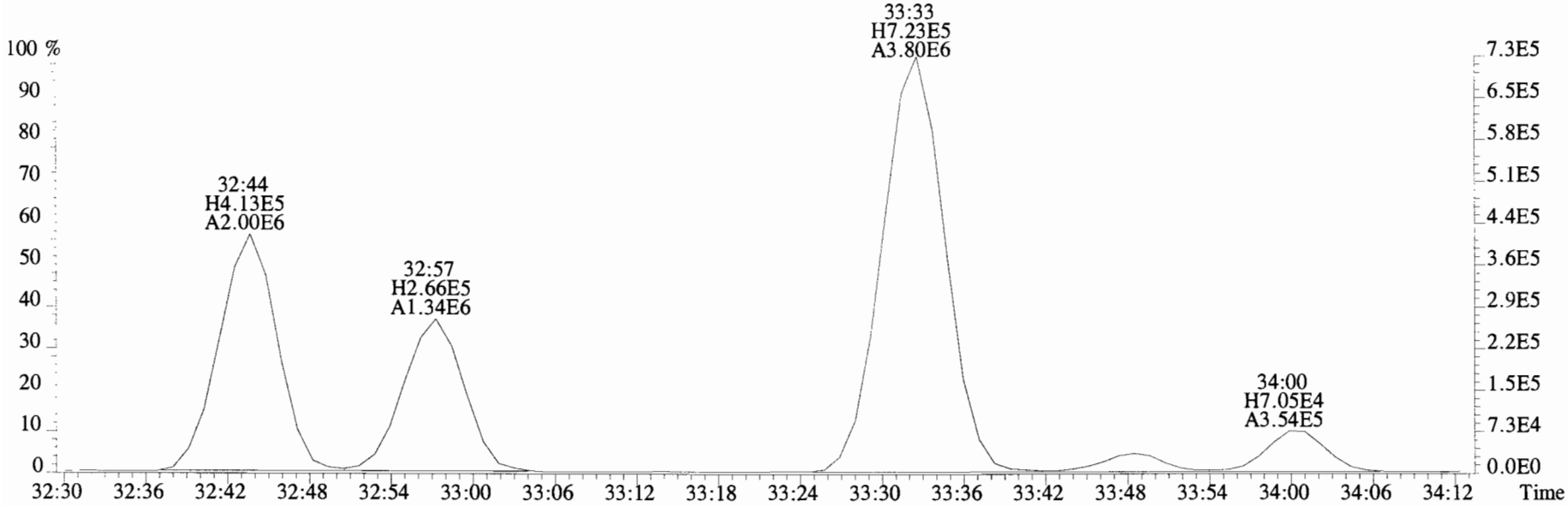
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



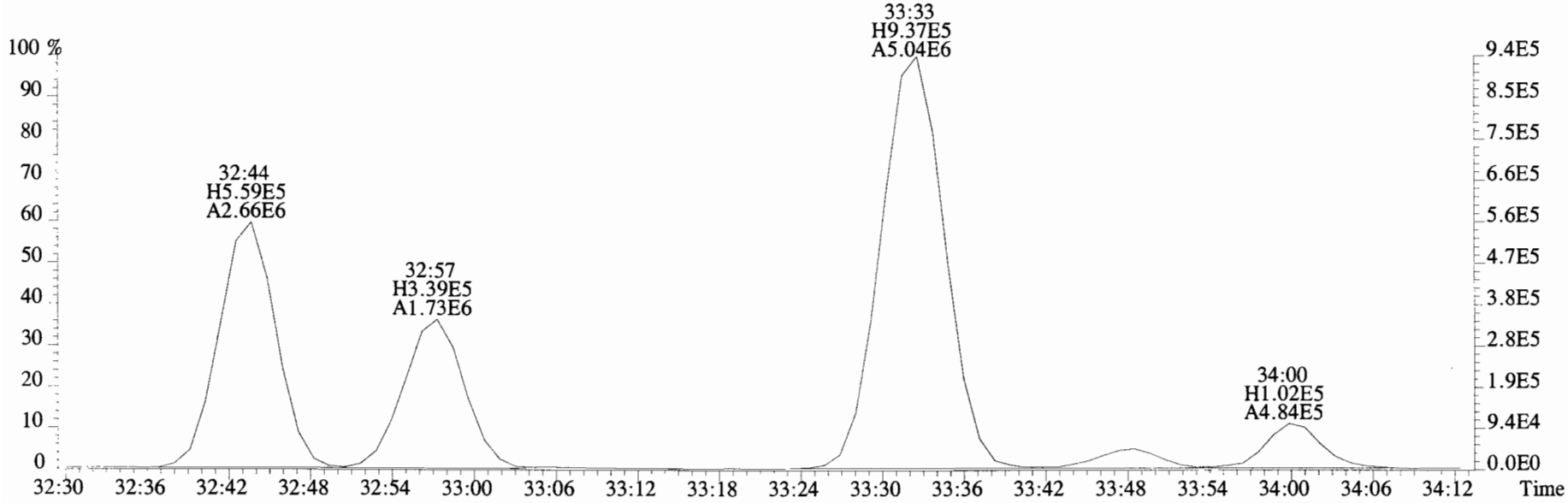
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
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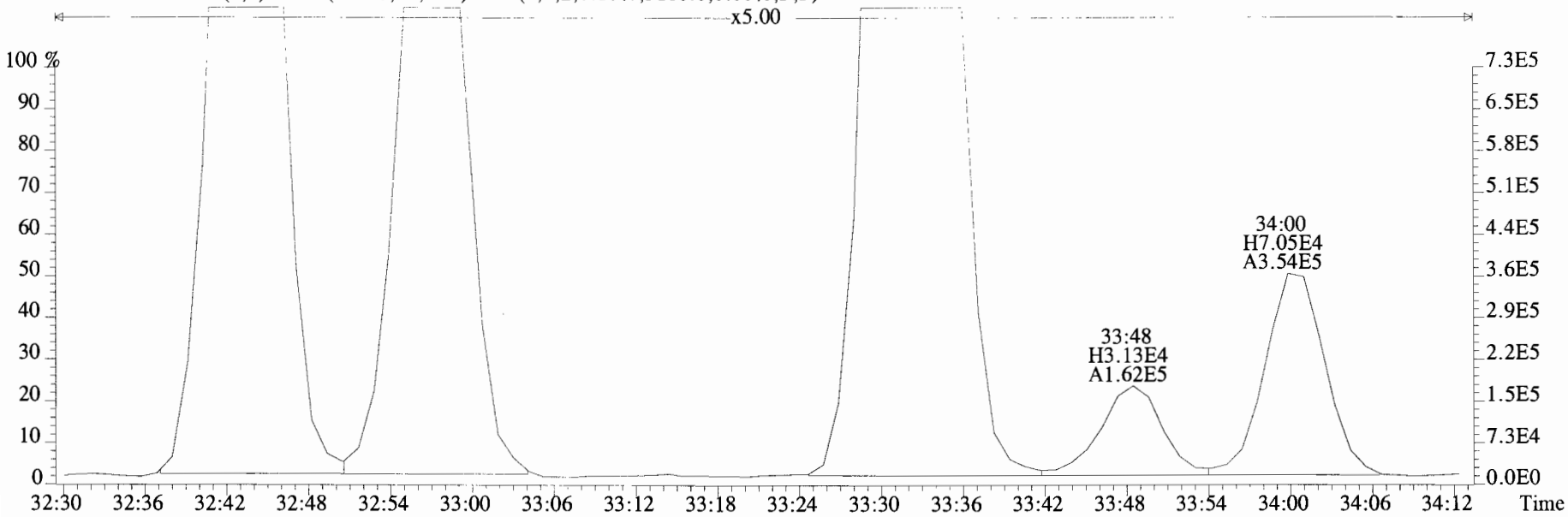
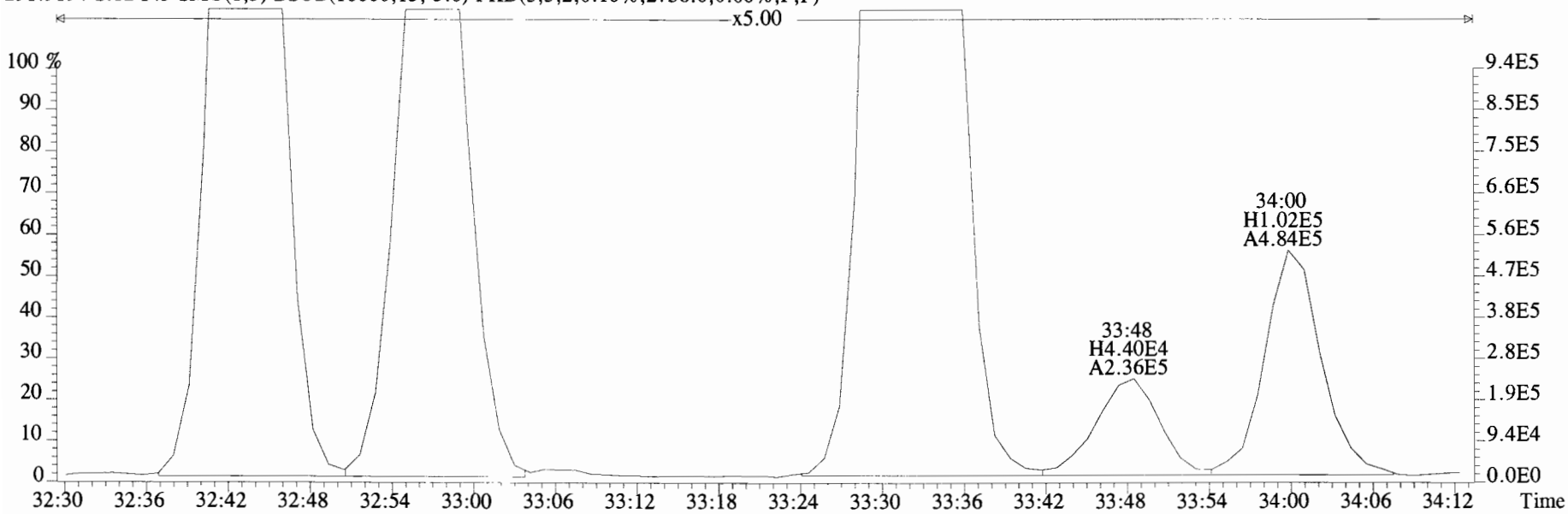
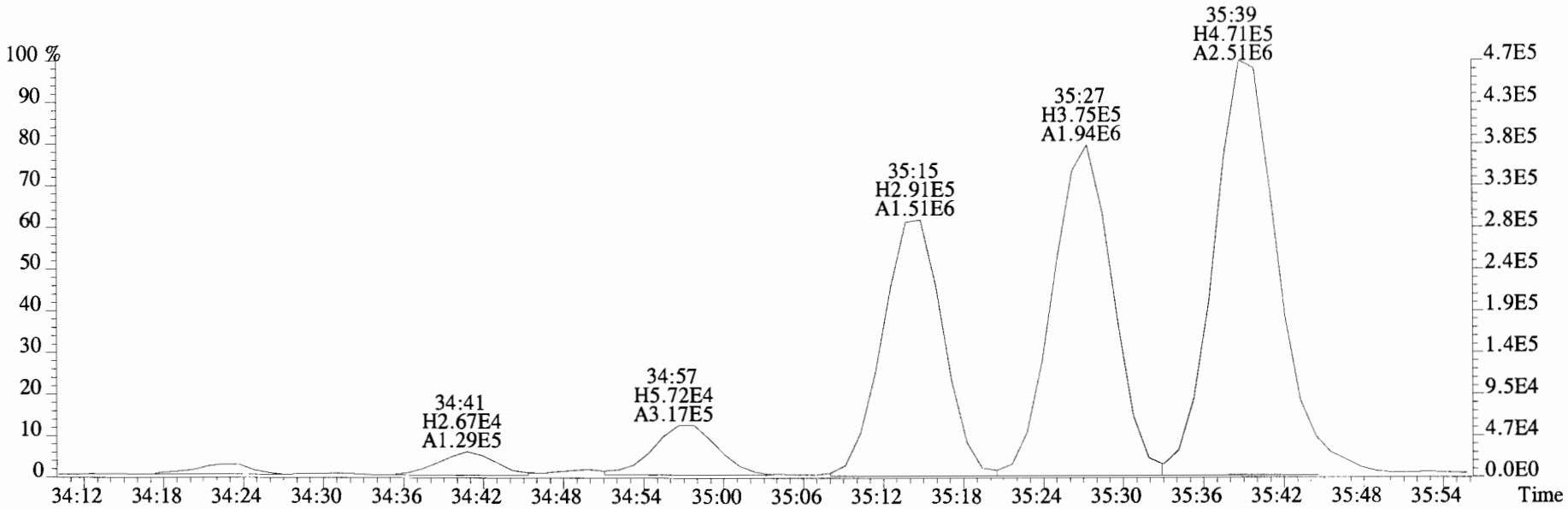


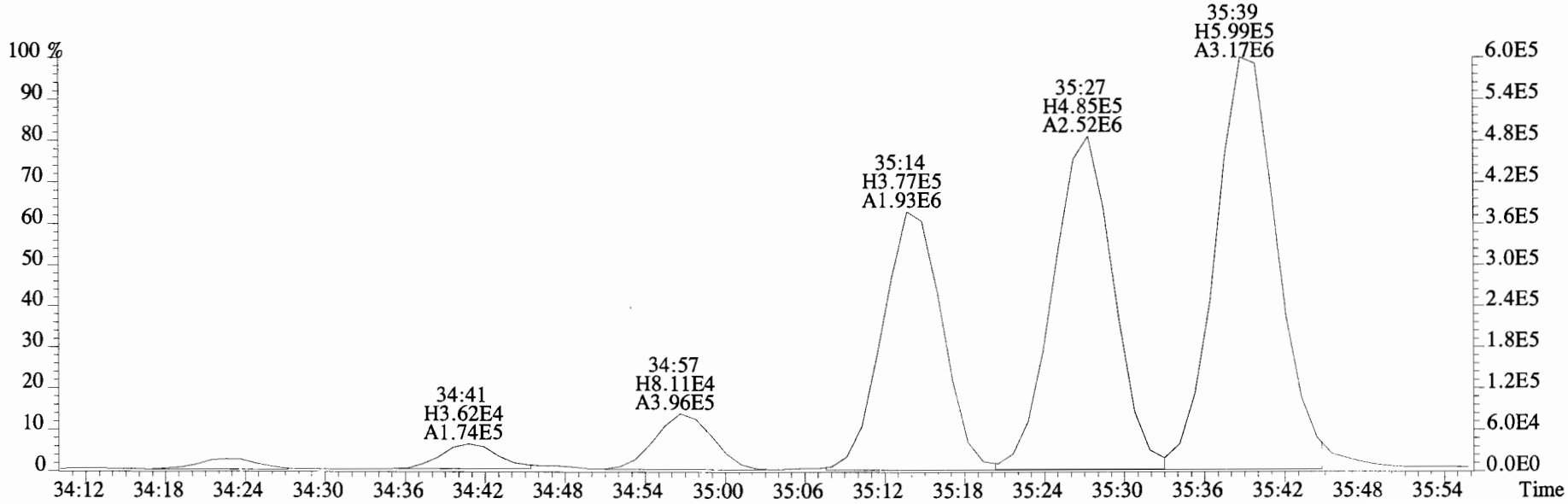
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



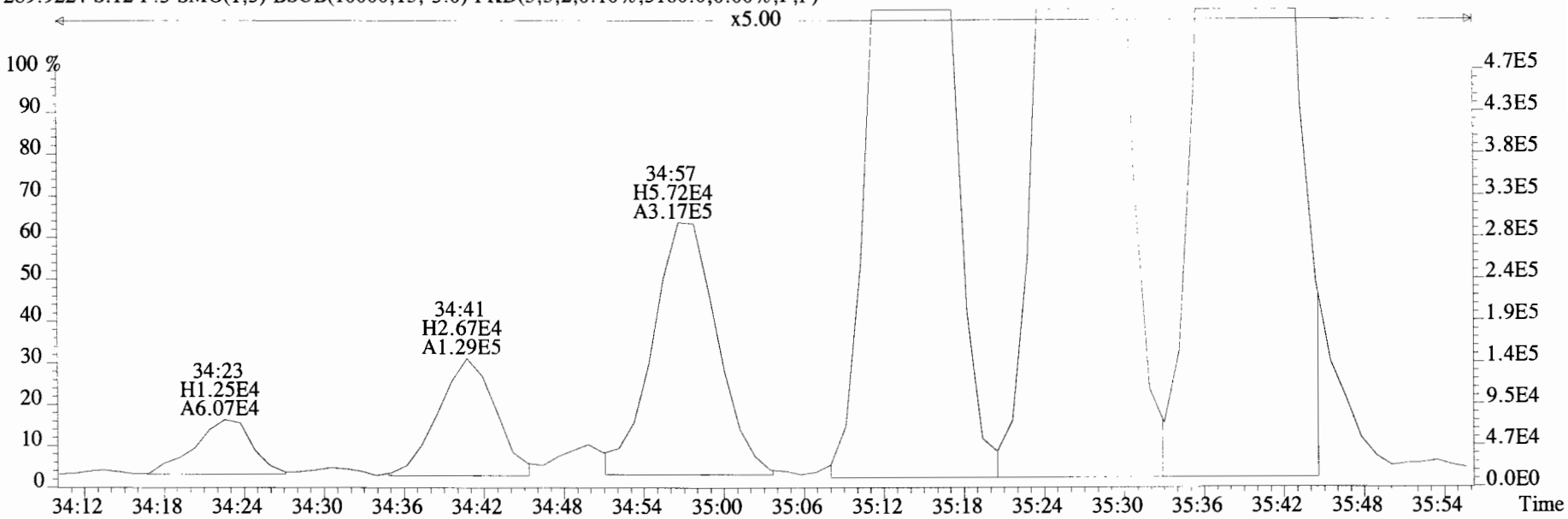
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



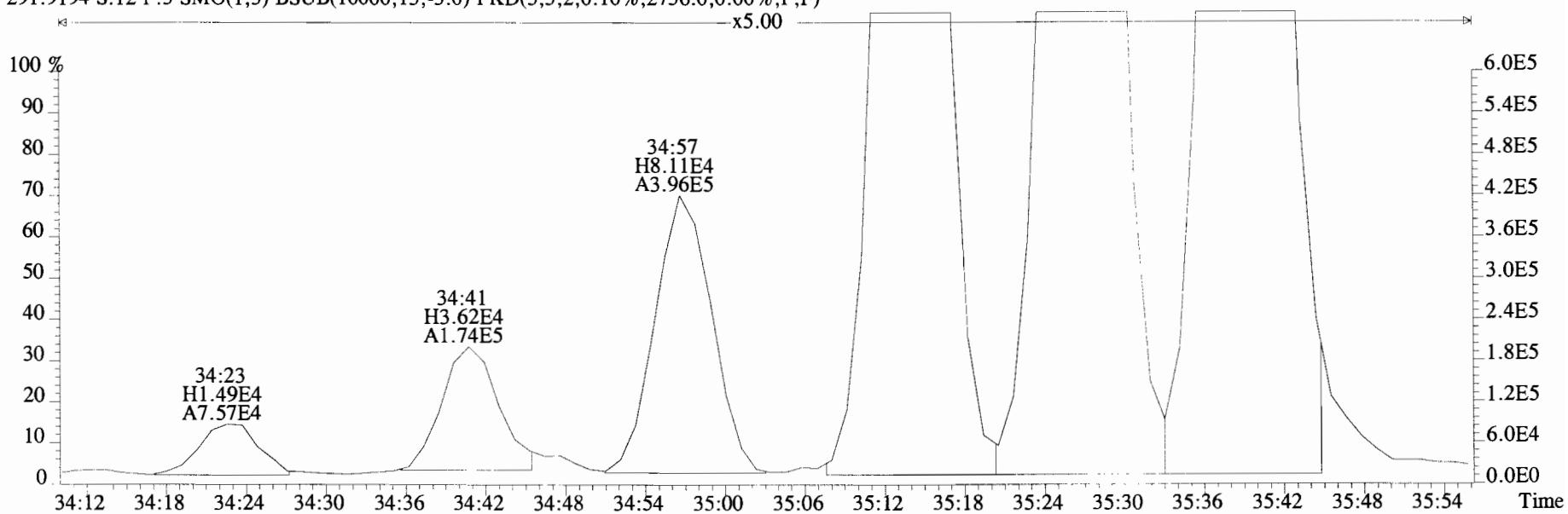
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



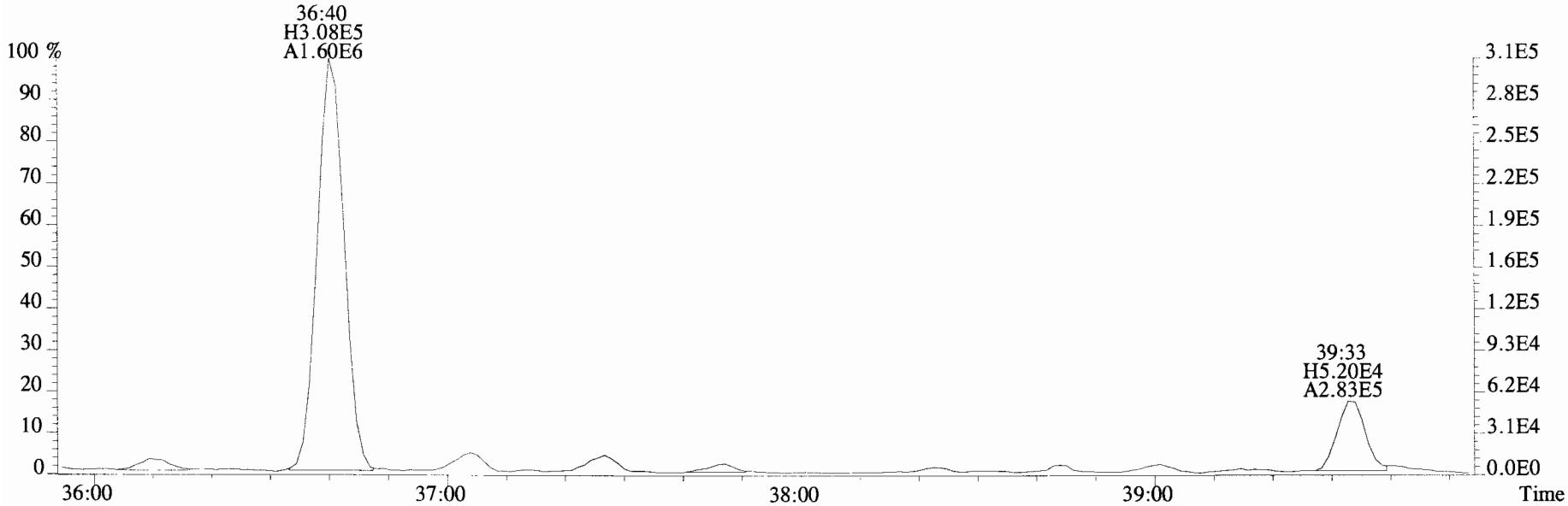
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



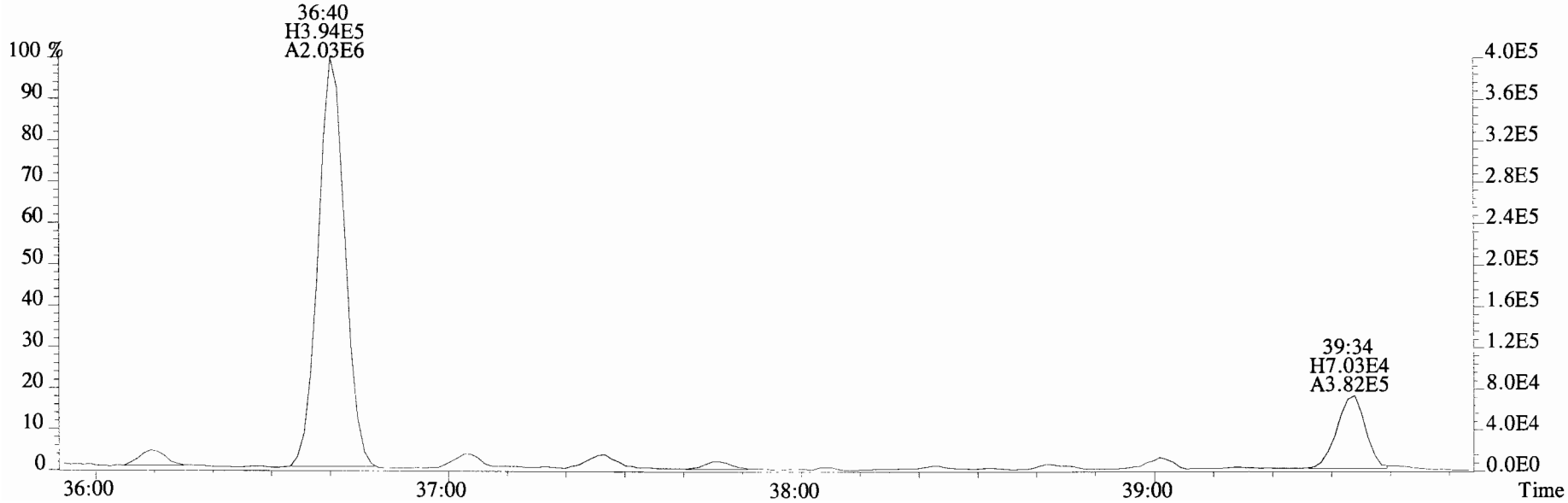
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



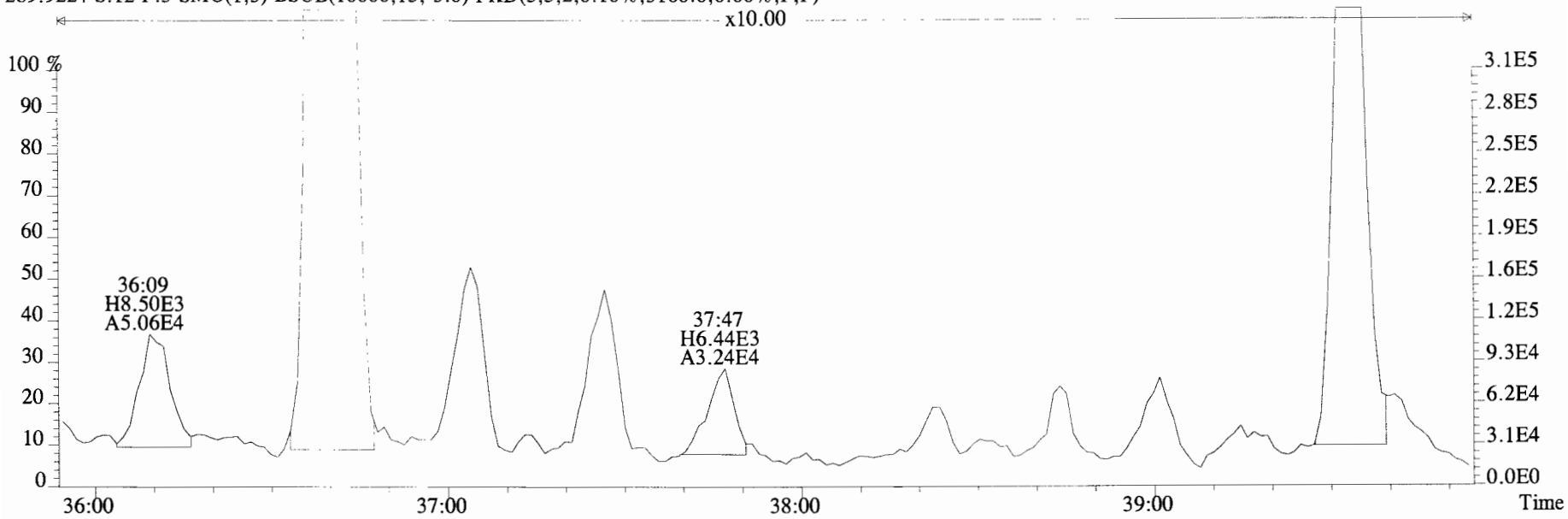
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



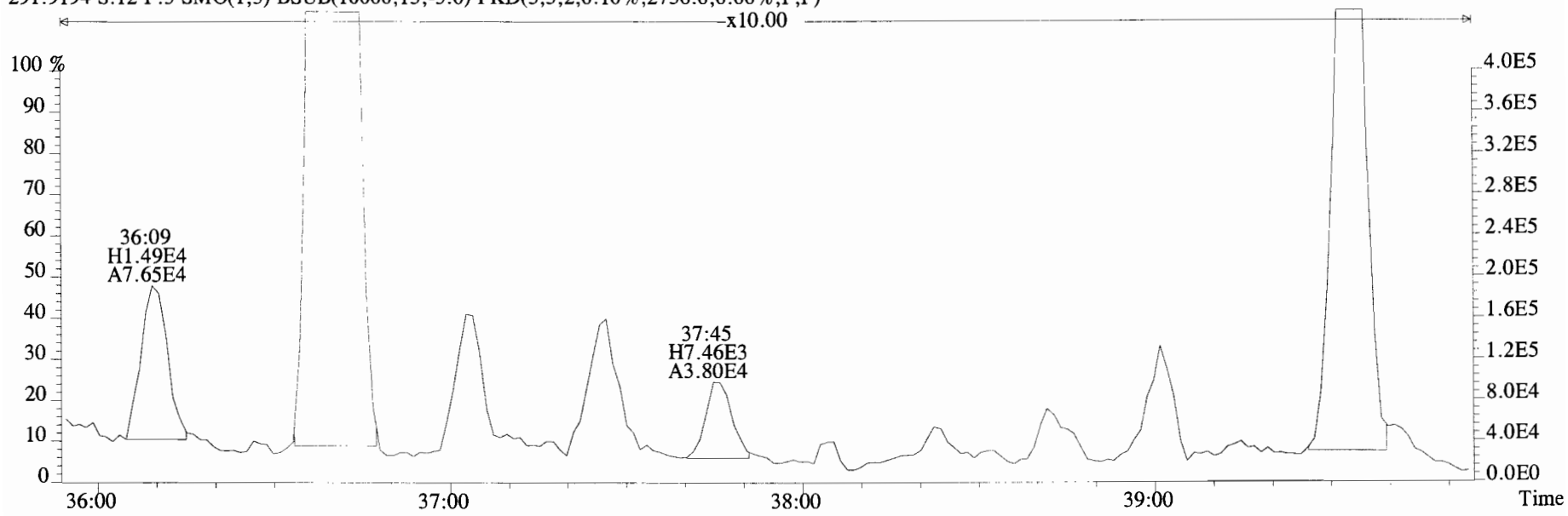
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



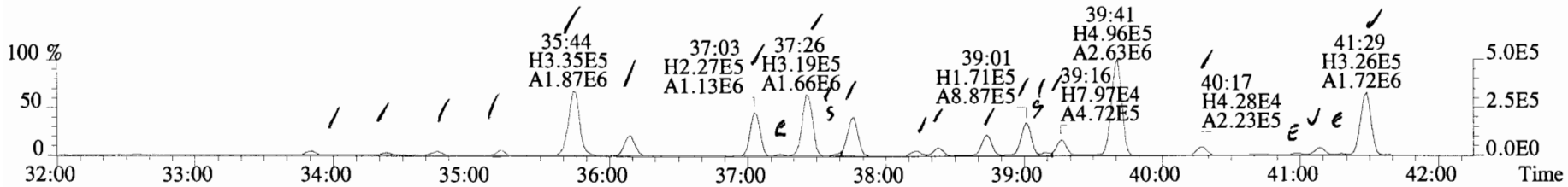
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



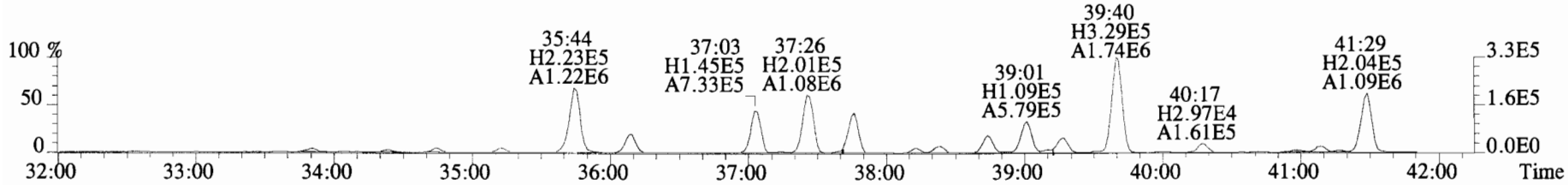
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



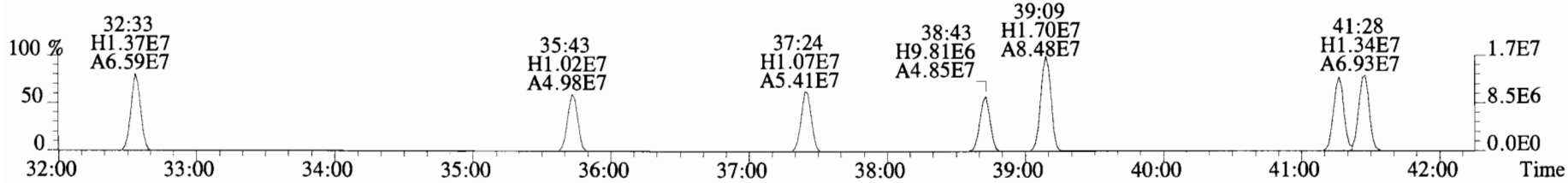
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



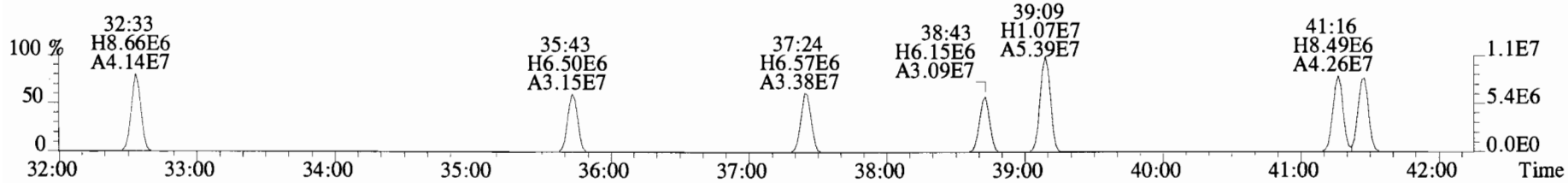
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



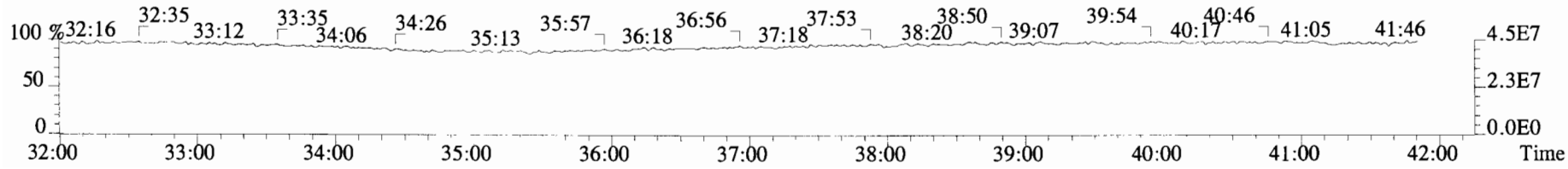
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3520.0,0.00%,F,F)



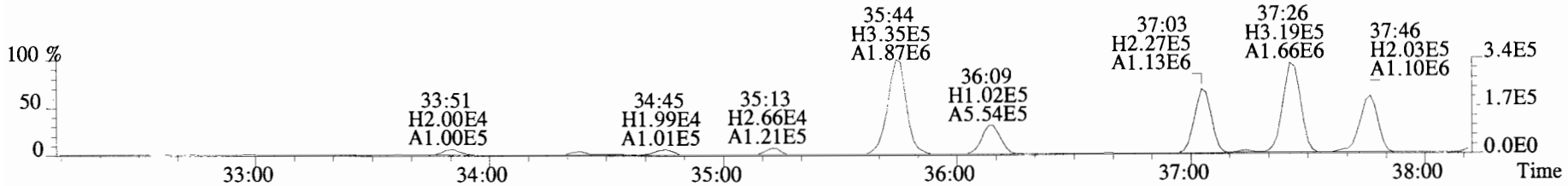
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3752.0,0.00%,F,F)



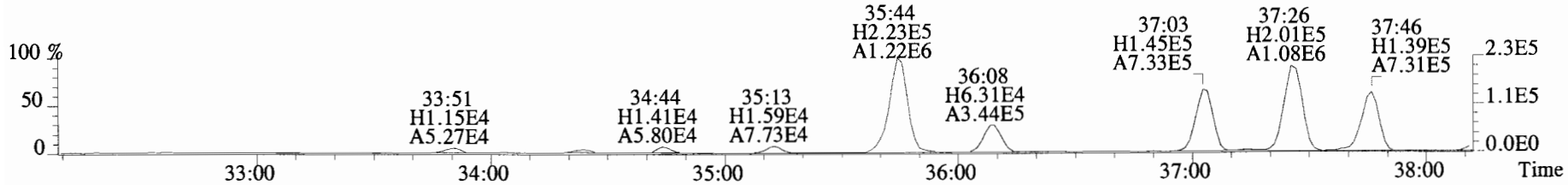
330.9792 S:12 F:3



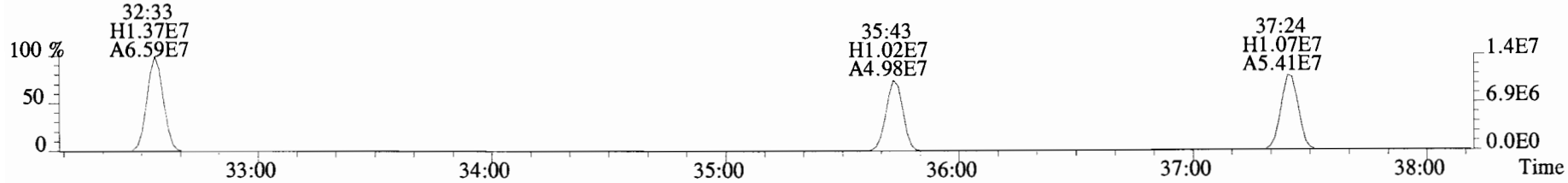
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



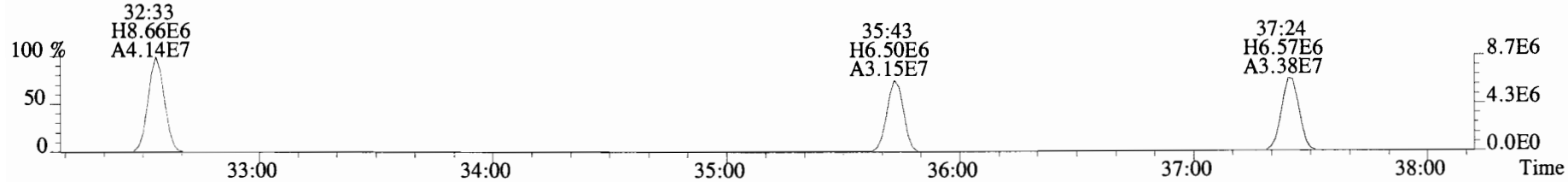
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



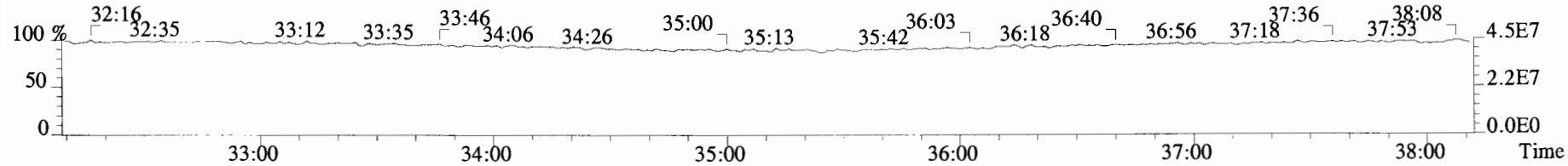
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3520.0,0.00%,F,F)



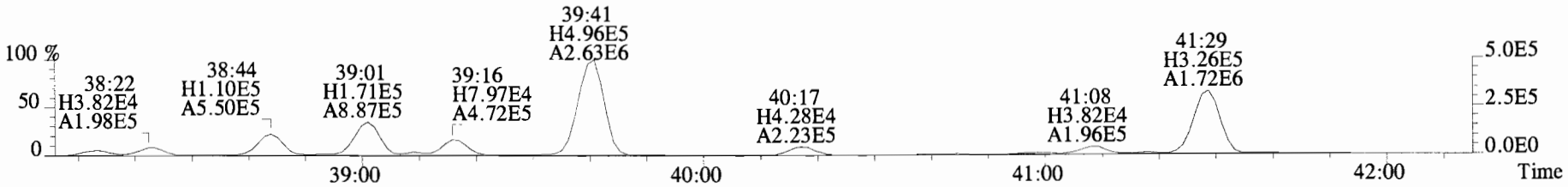
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3752.0,0.00%,F,F)



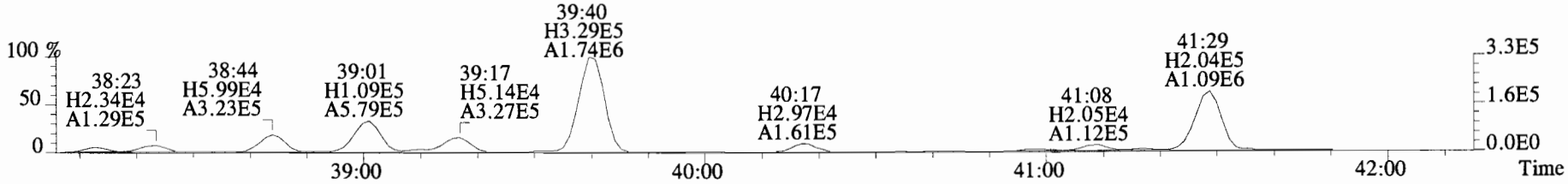
330.9792 S:12 F:3



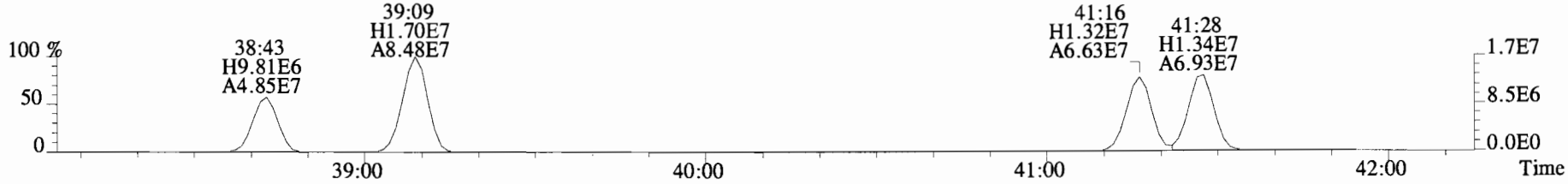
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



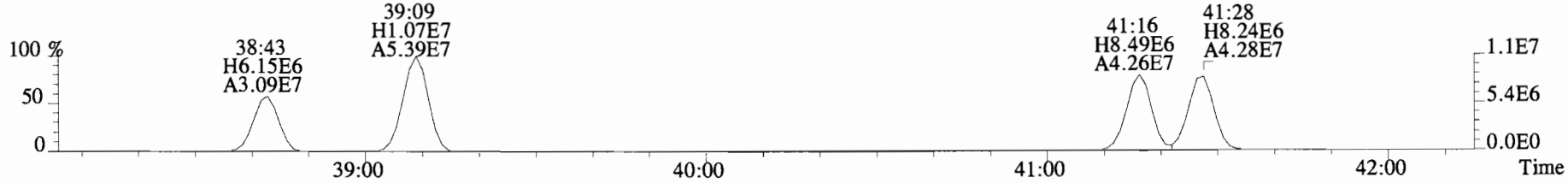
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



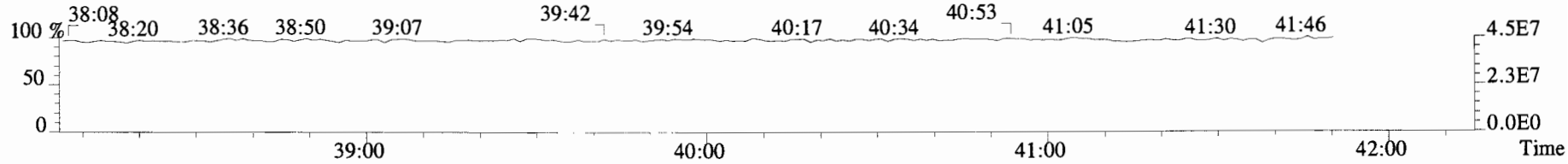
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3520.0,0.00%,F,F)



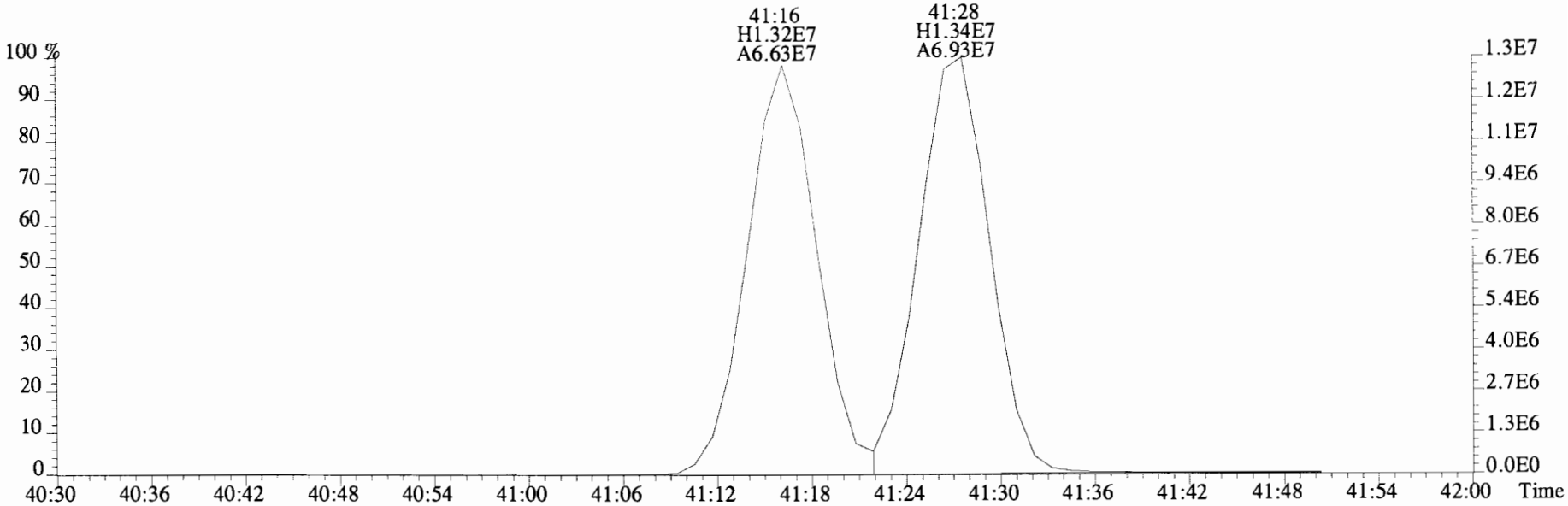
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3752.0,0.00%,F,F)



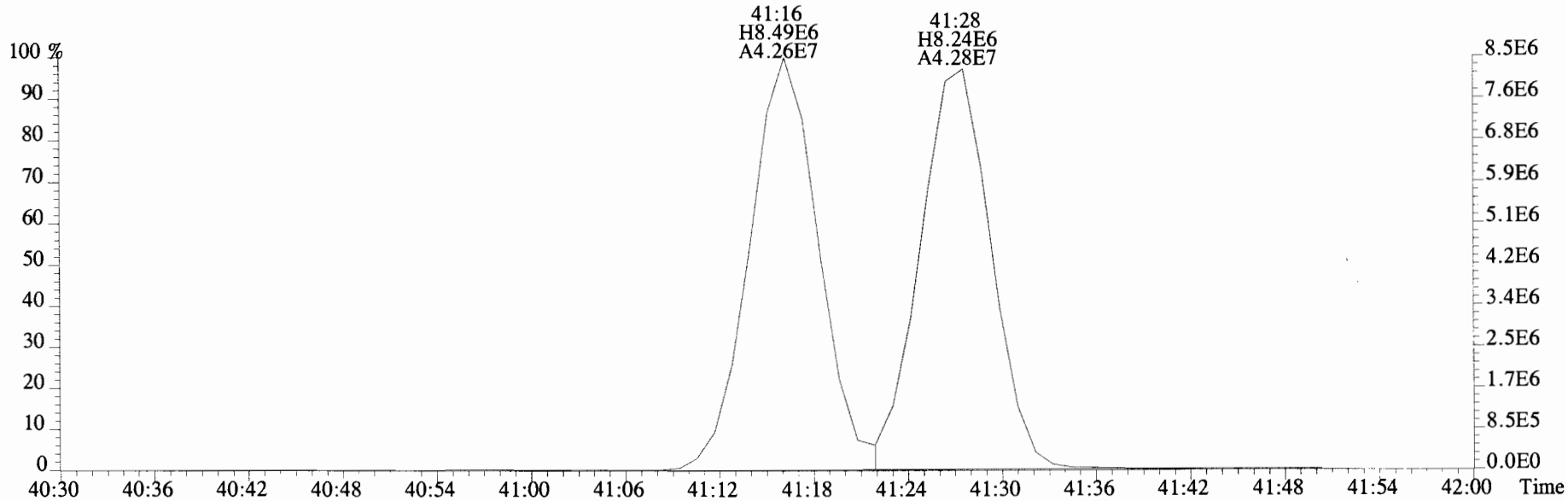
330.9792 S:12 F:3



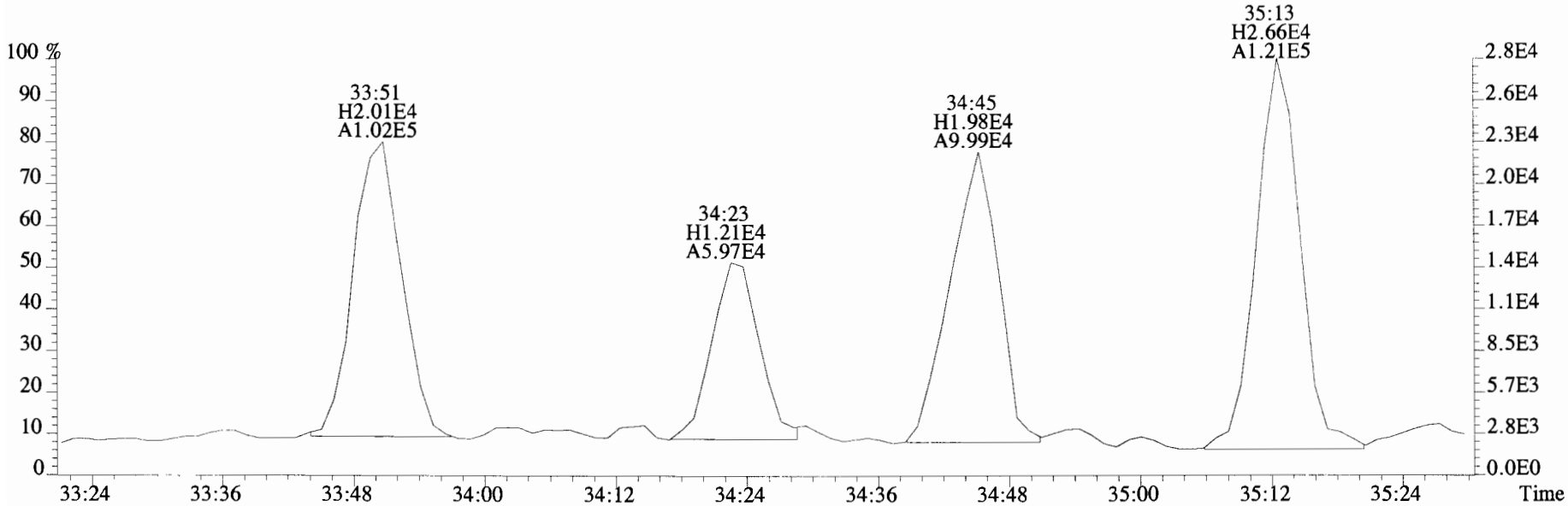
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3520.0,0.00%,F,F)



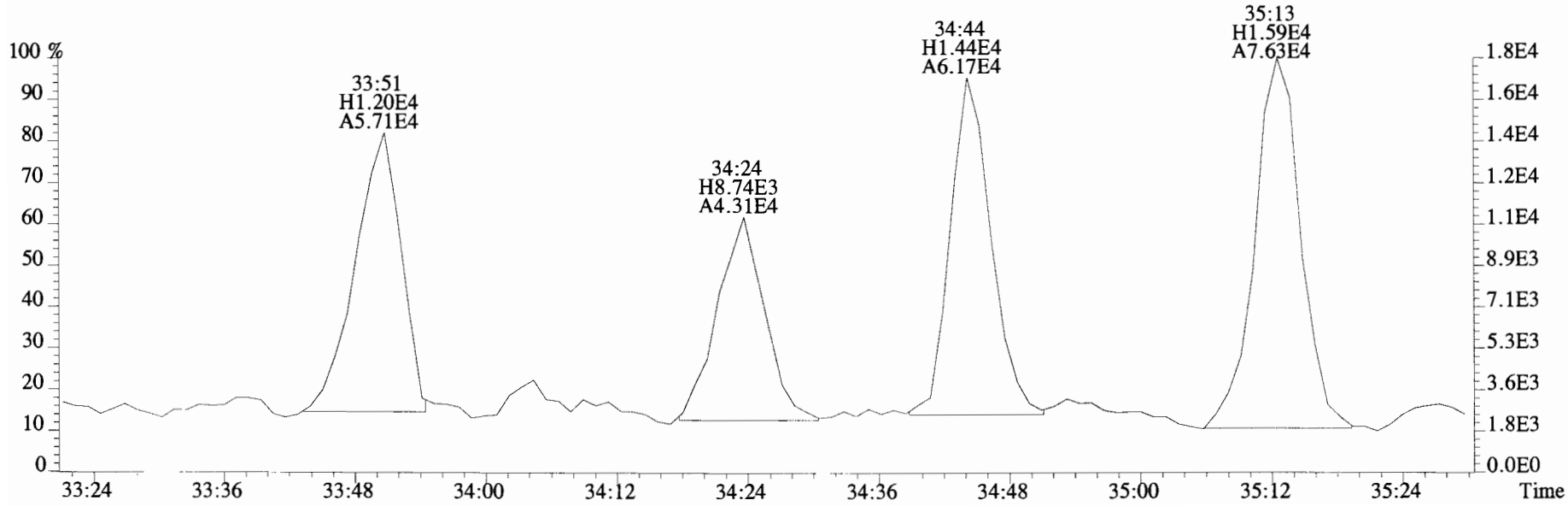
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3752.0,0.00%,F,F)



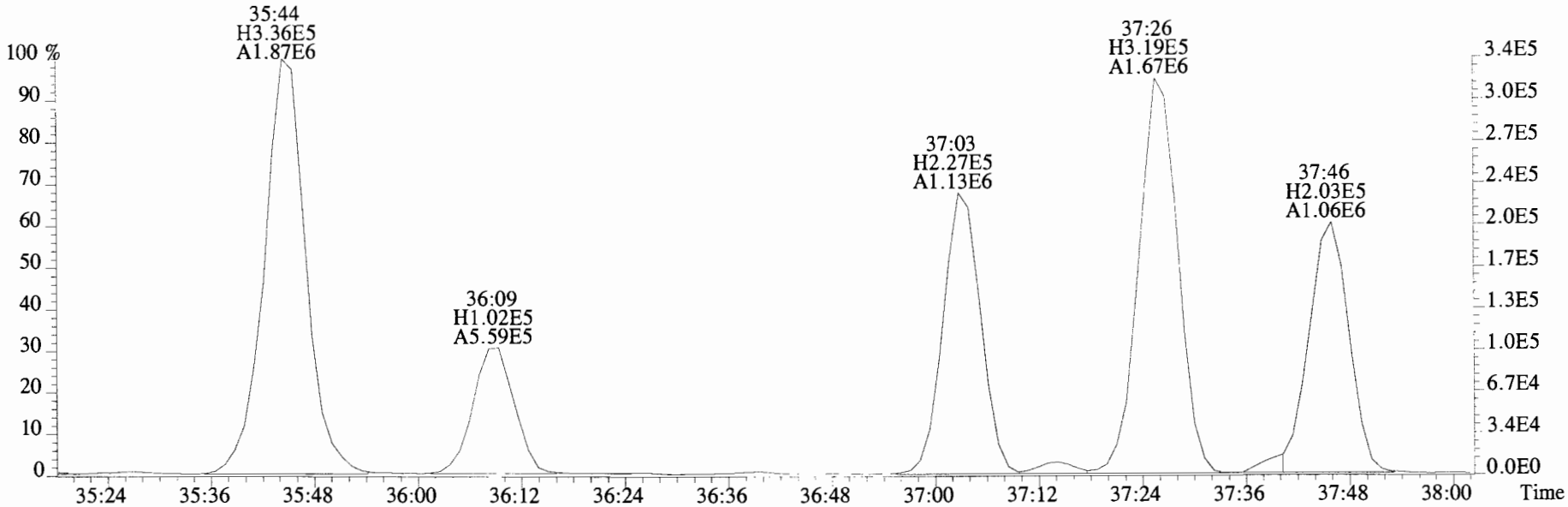
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



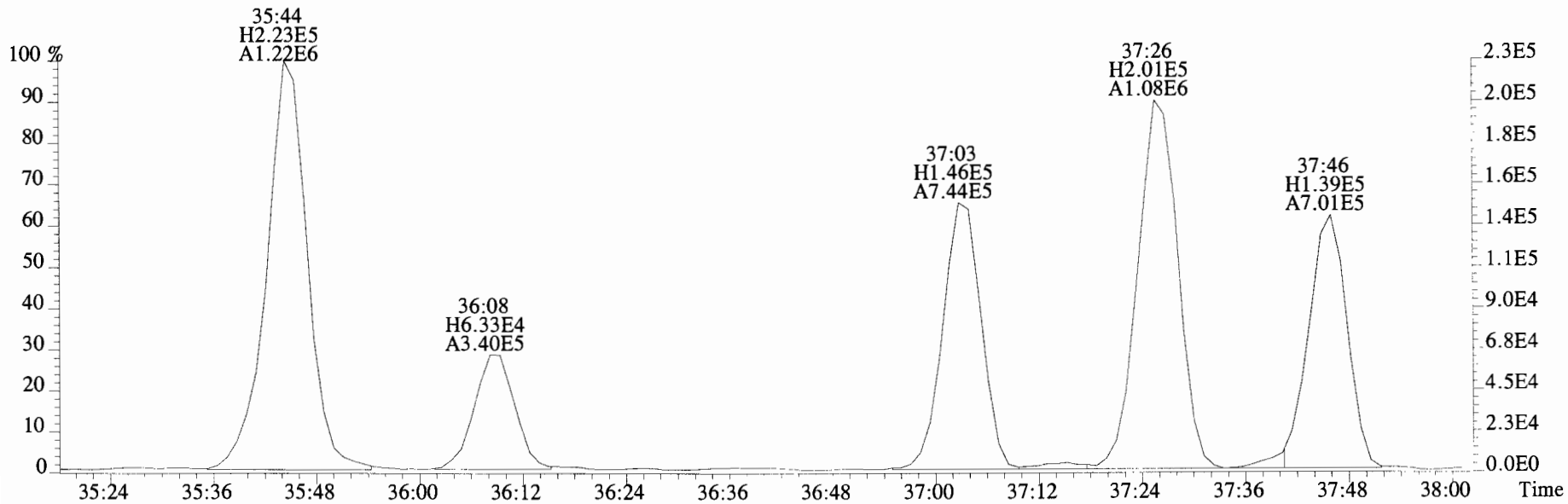
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



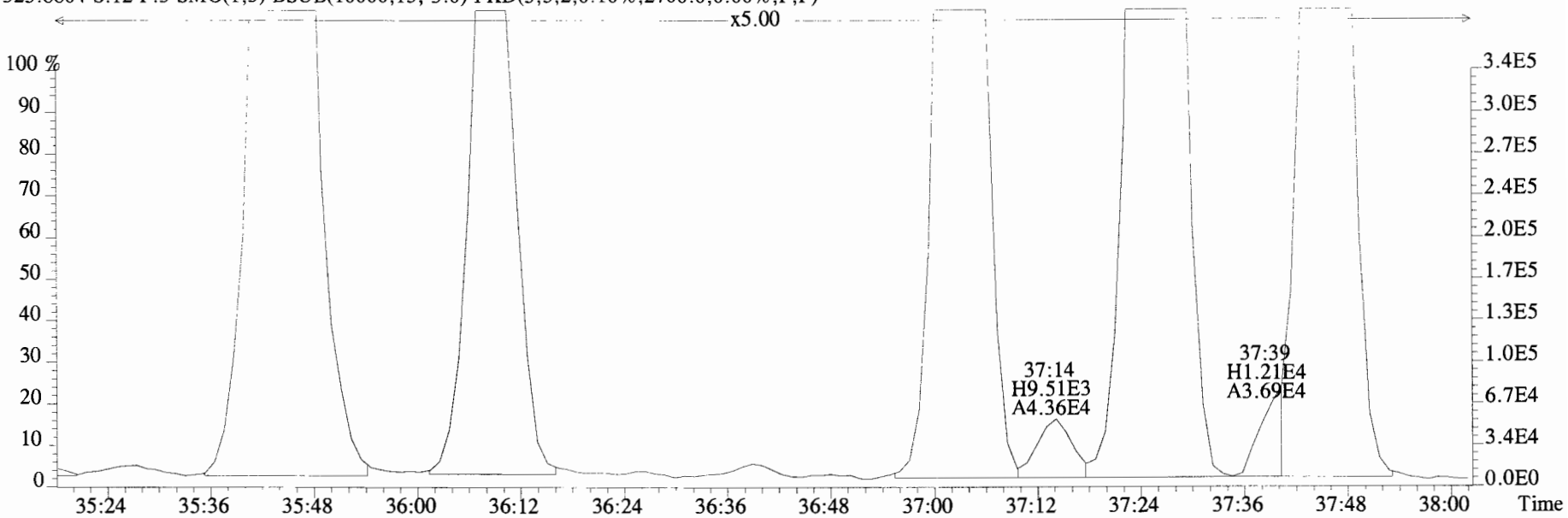
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



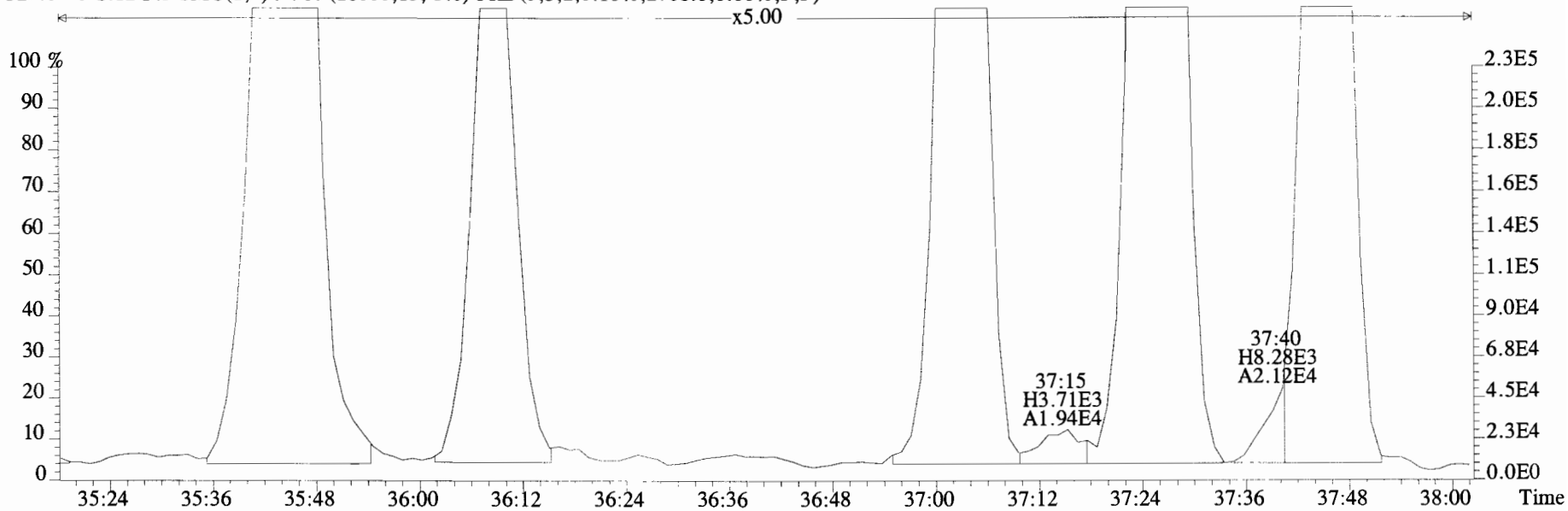
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



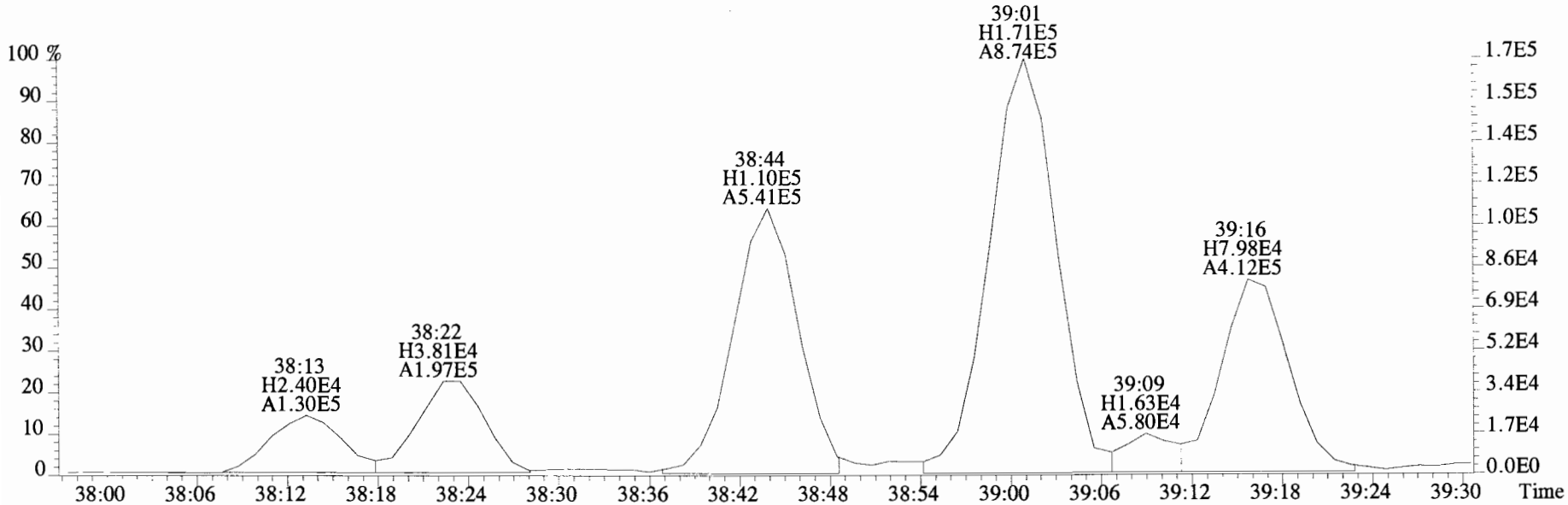
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



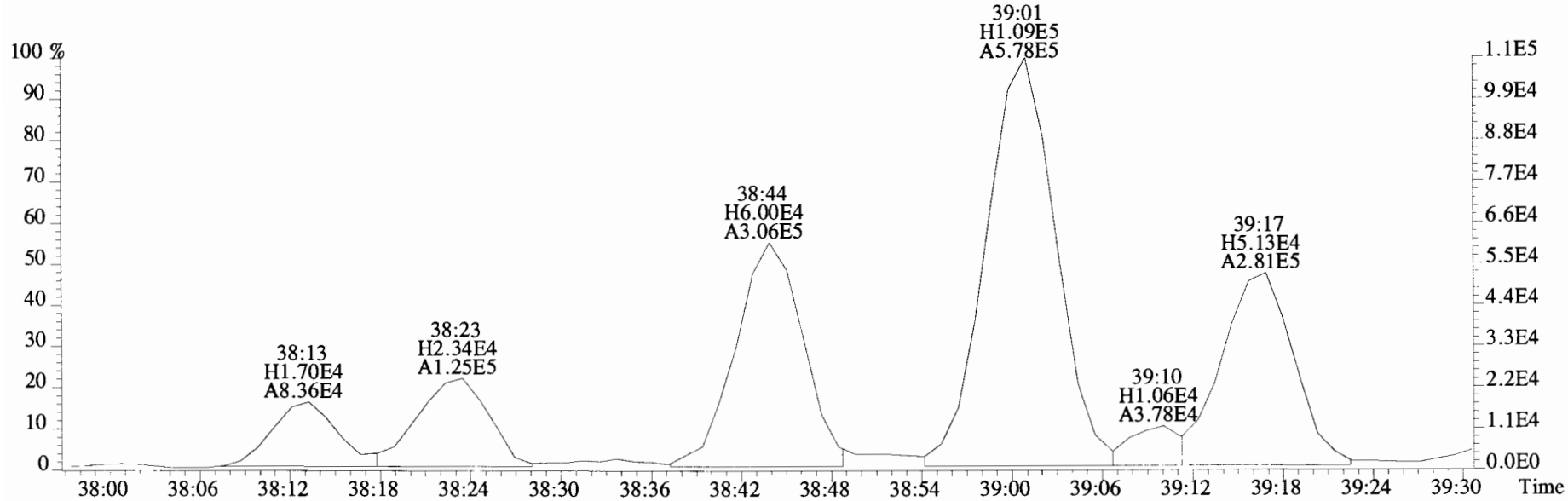
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



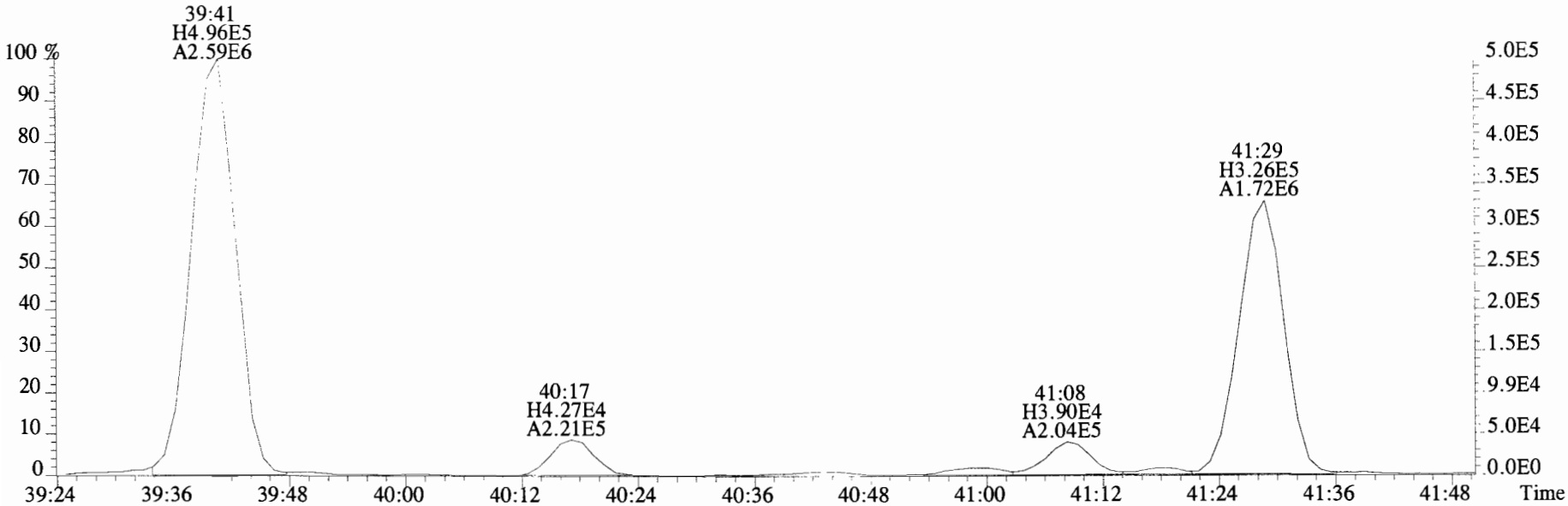
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



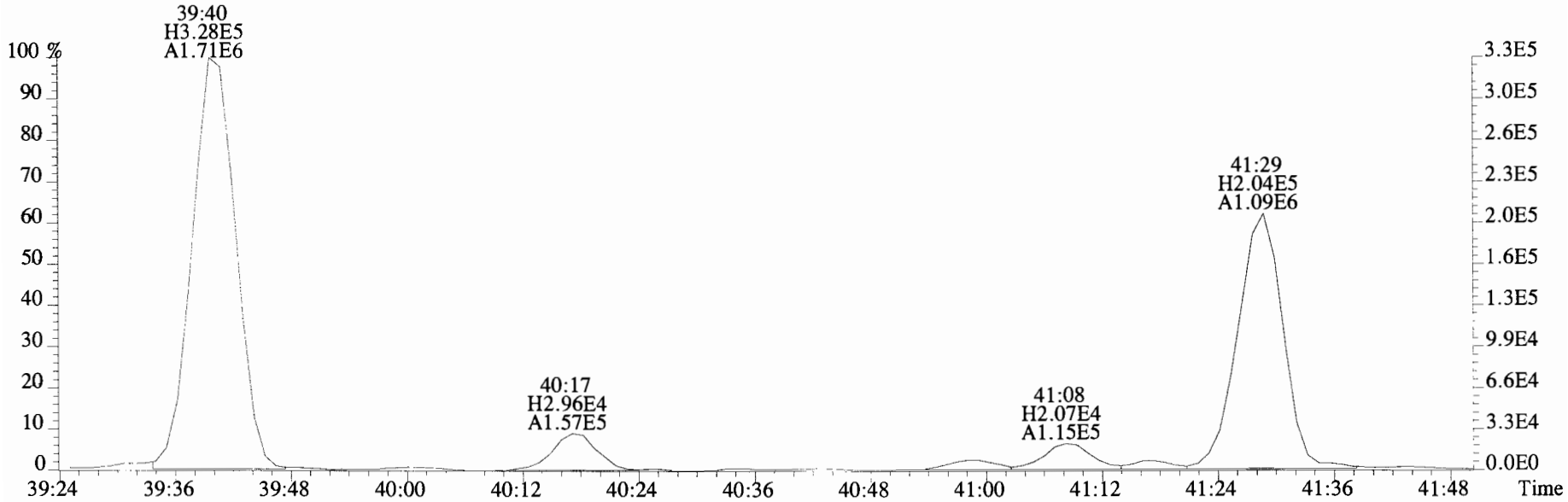
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



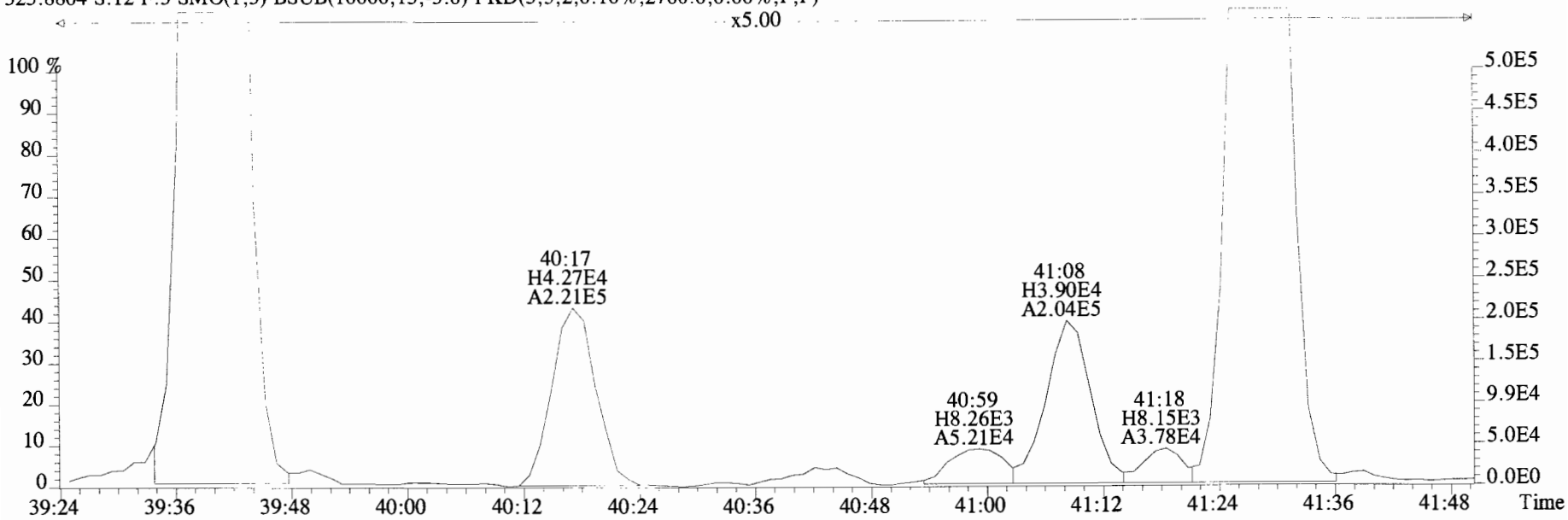
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



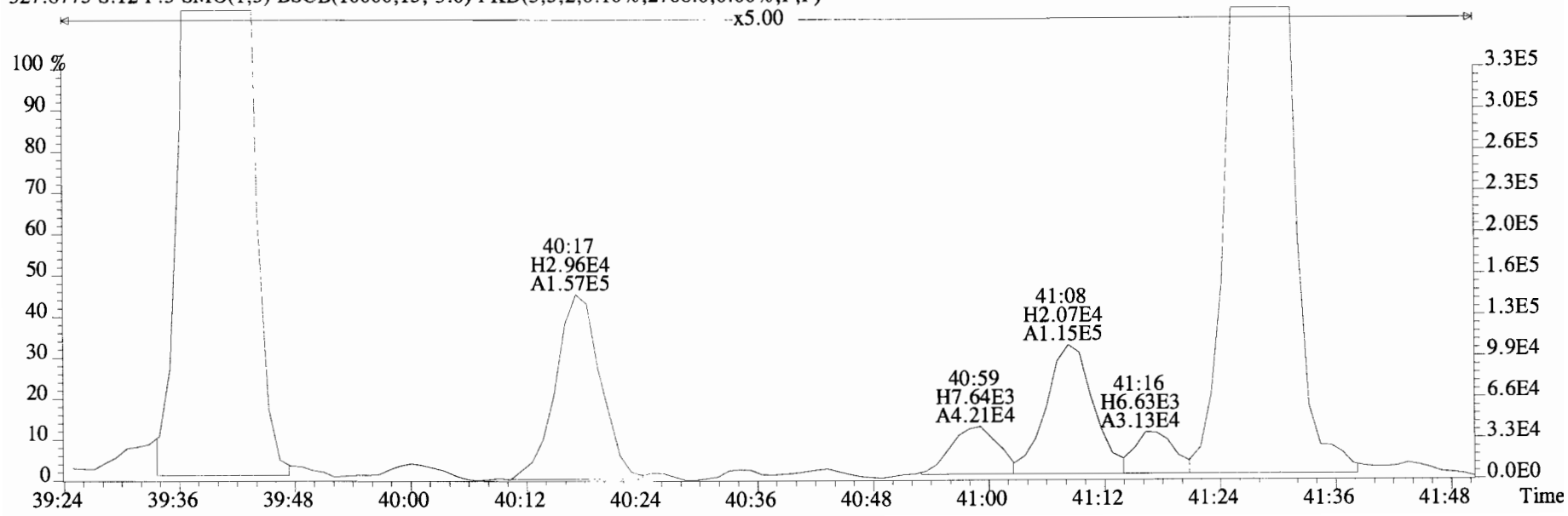
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)



File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)

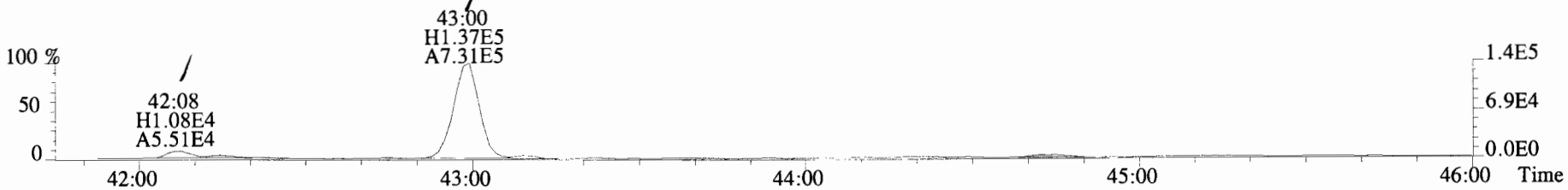


327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2768.0,0.00%,F,F)

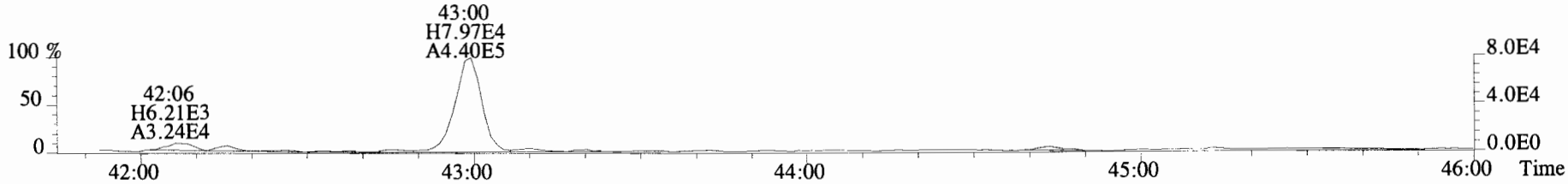


File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1

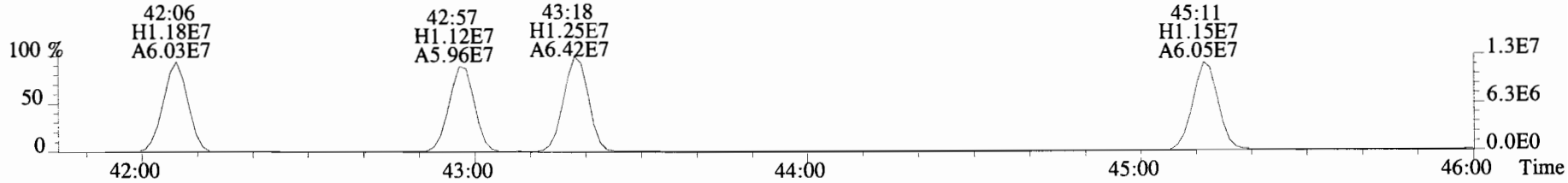
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



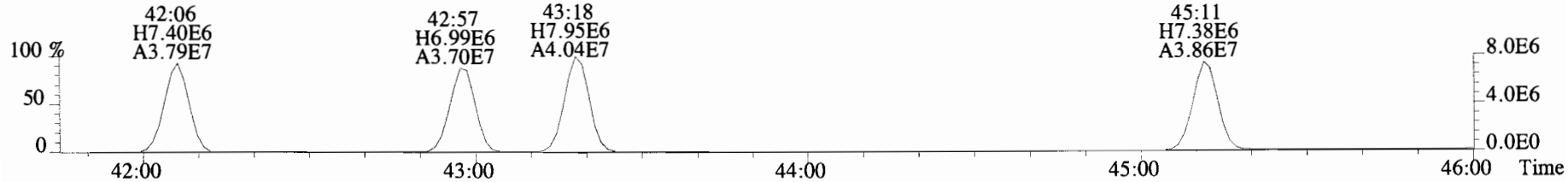
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



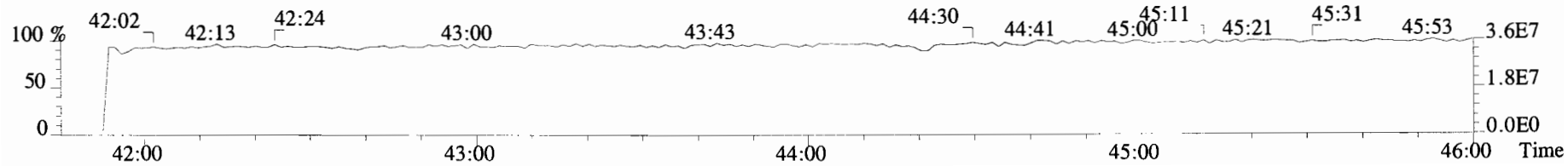
337.9207 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8400.0,0.00%,F,F)



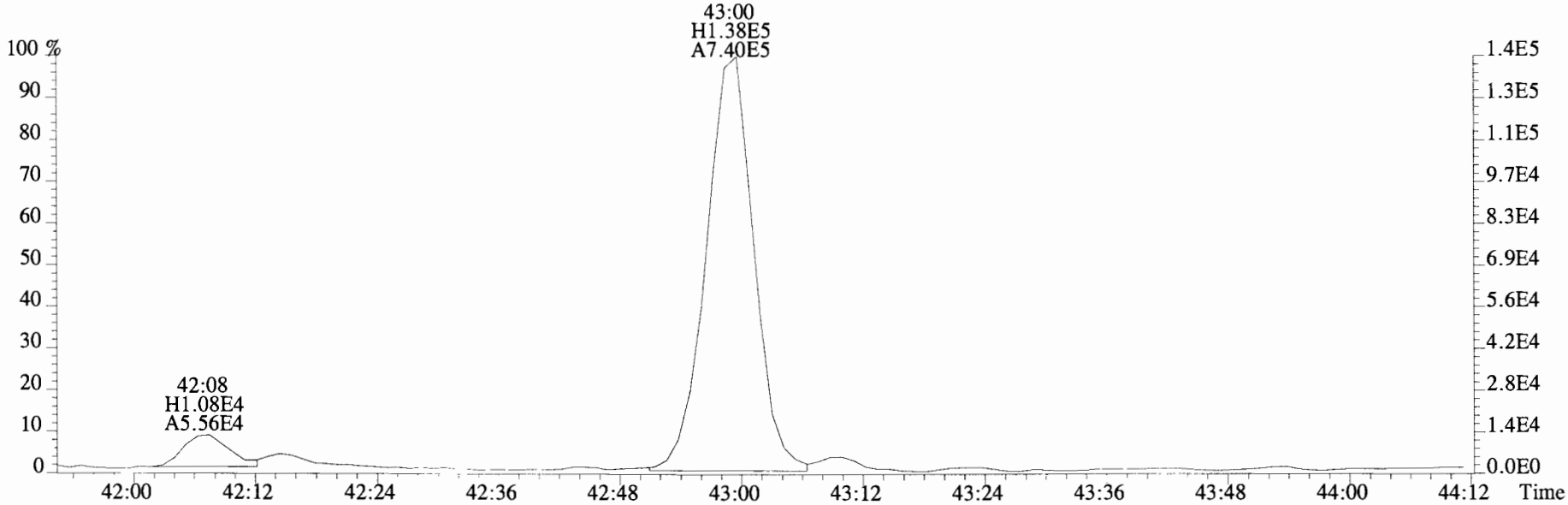
339.9177 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4980.0,0.00%,F,F)



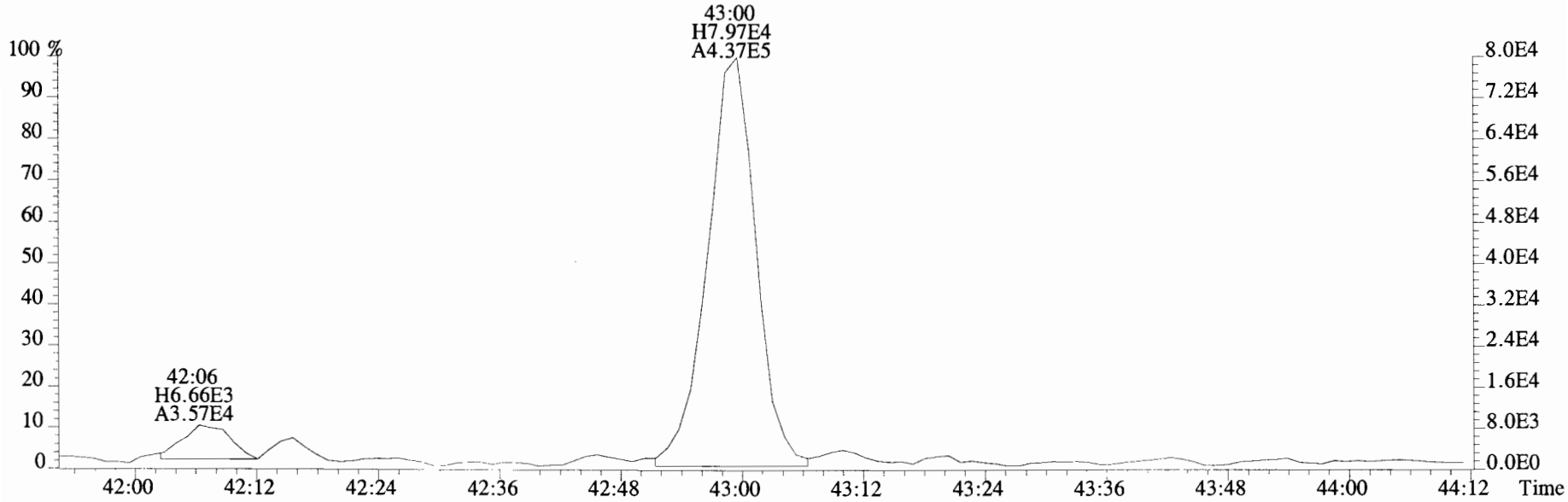
380.9760 S:12 F:4



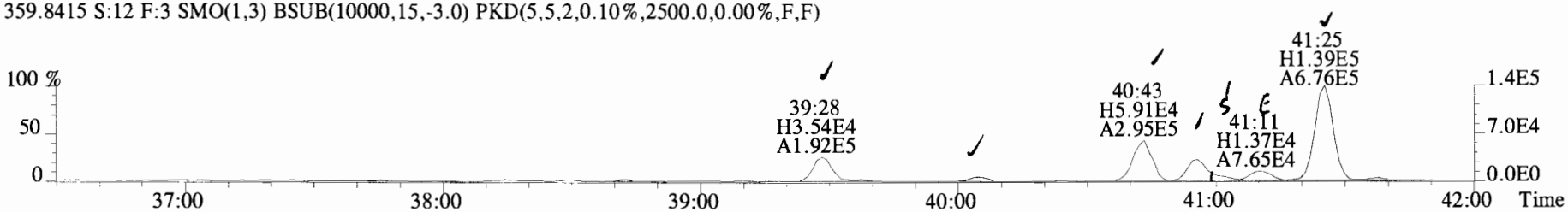
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



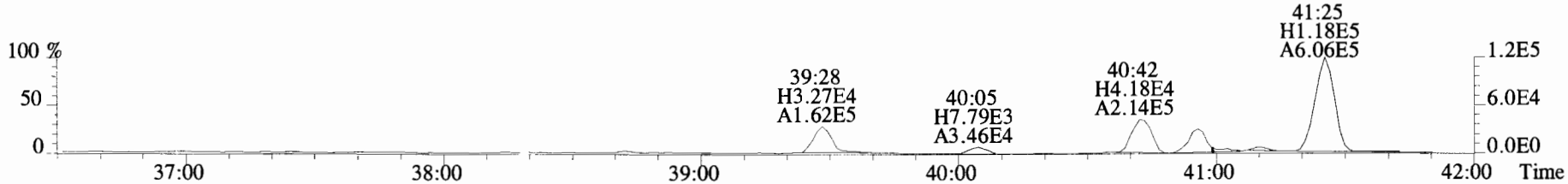
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



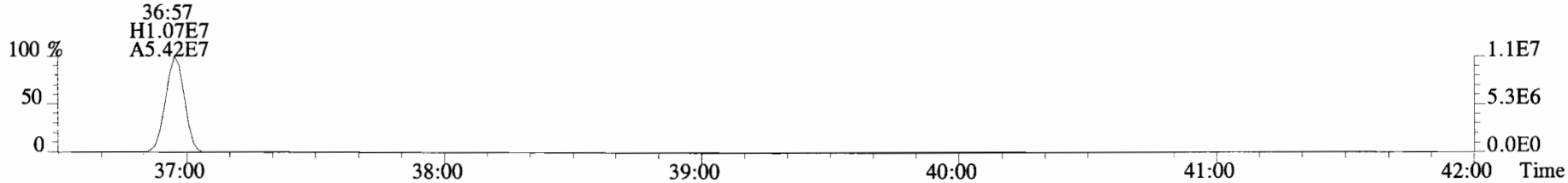
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2500.0,0.00%,F,F)



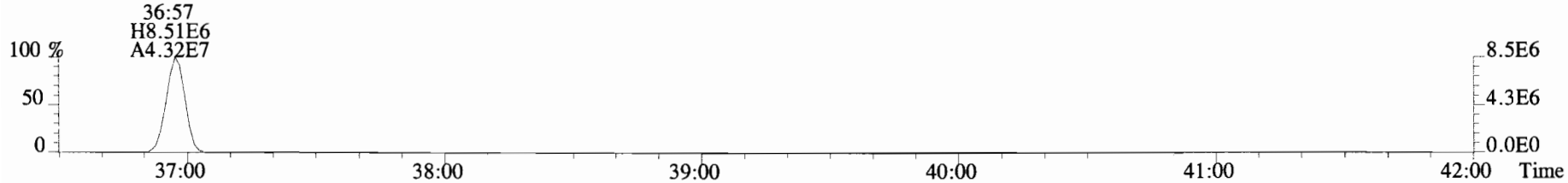
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



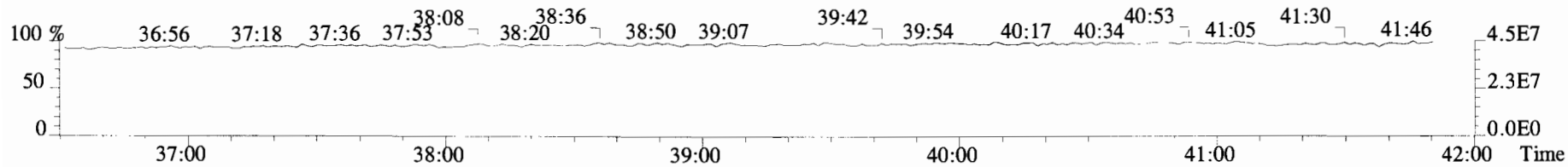
371.8817 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



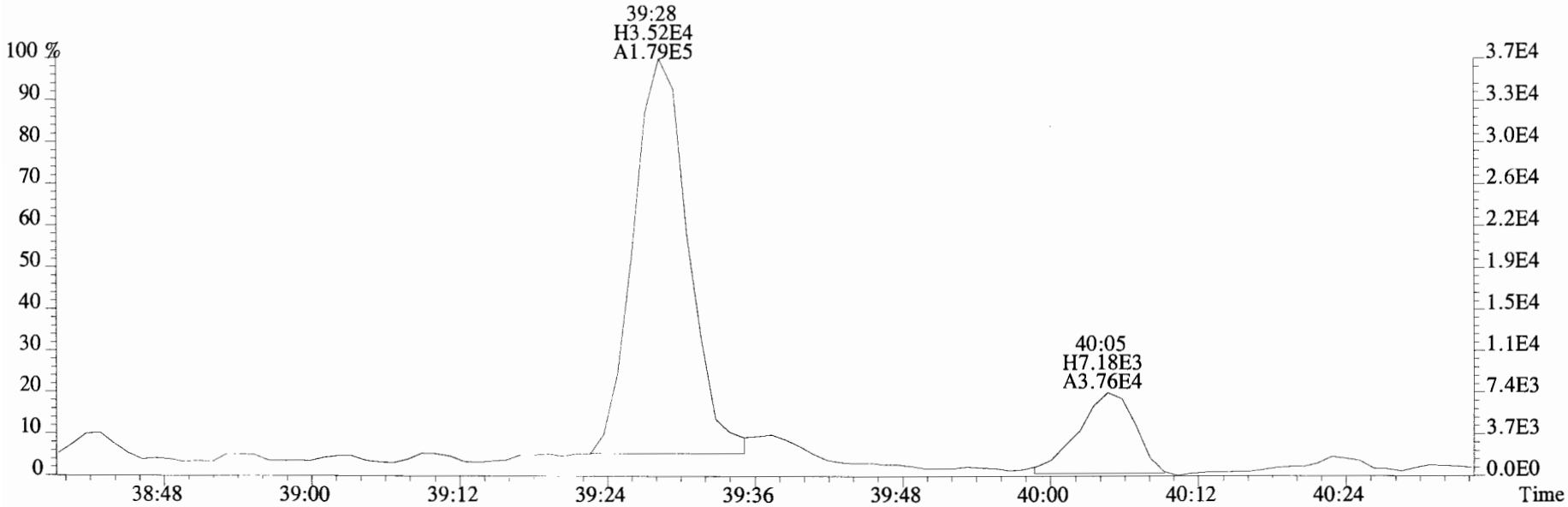
373.8788 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



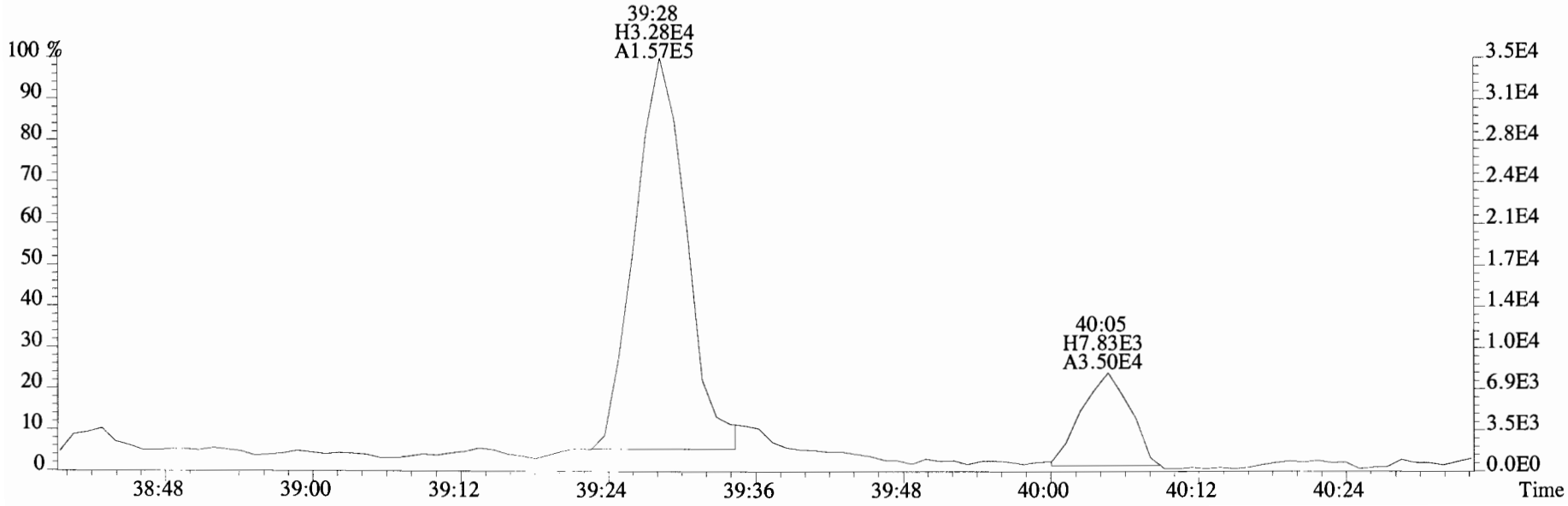
330.9792 S:12 F:3



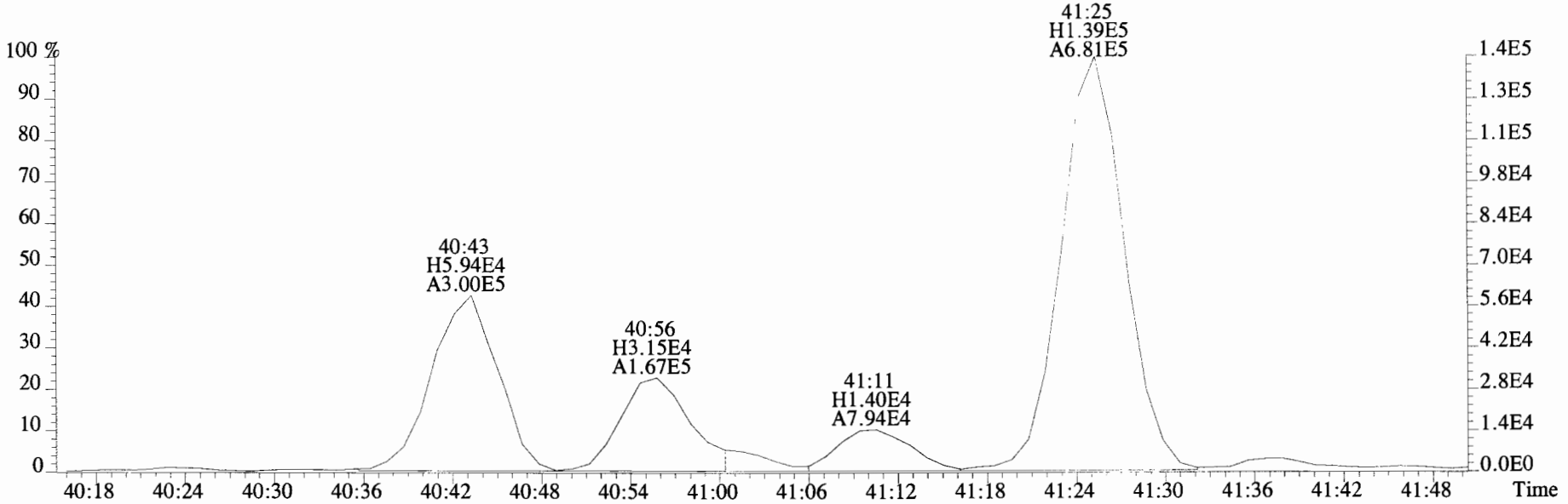
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2500.0,0.00%,F,F)



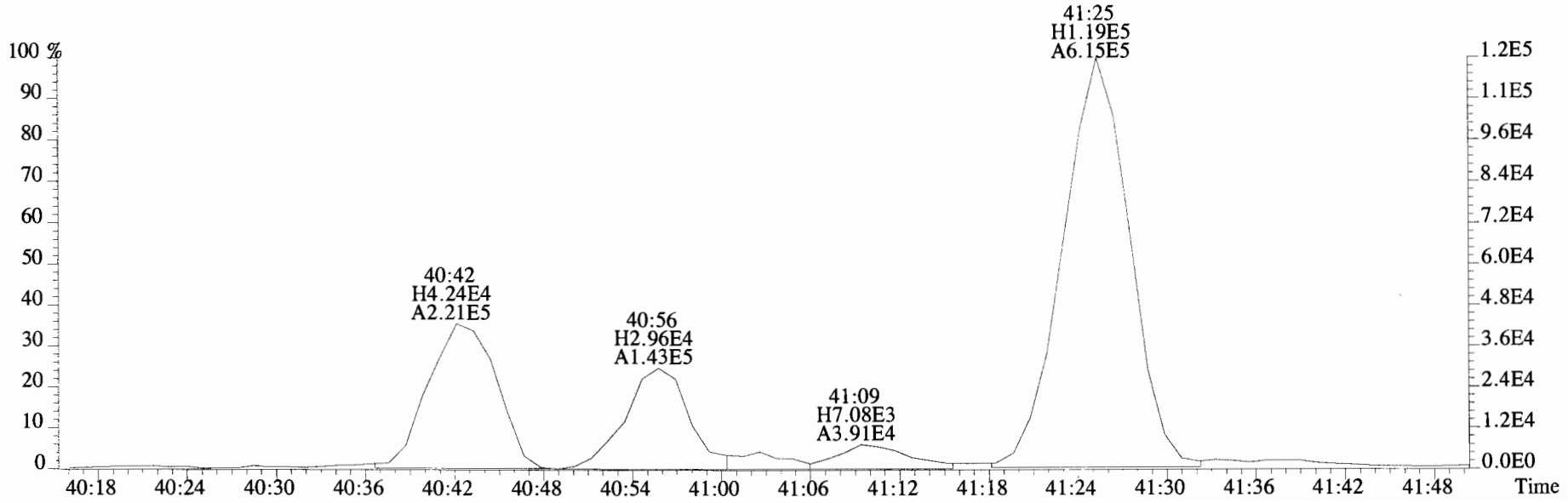
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



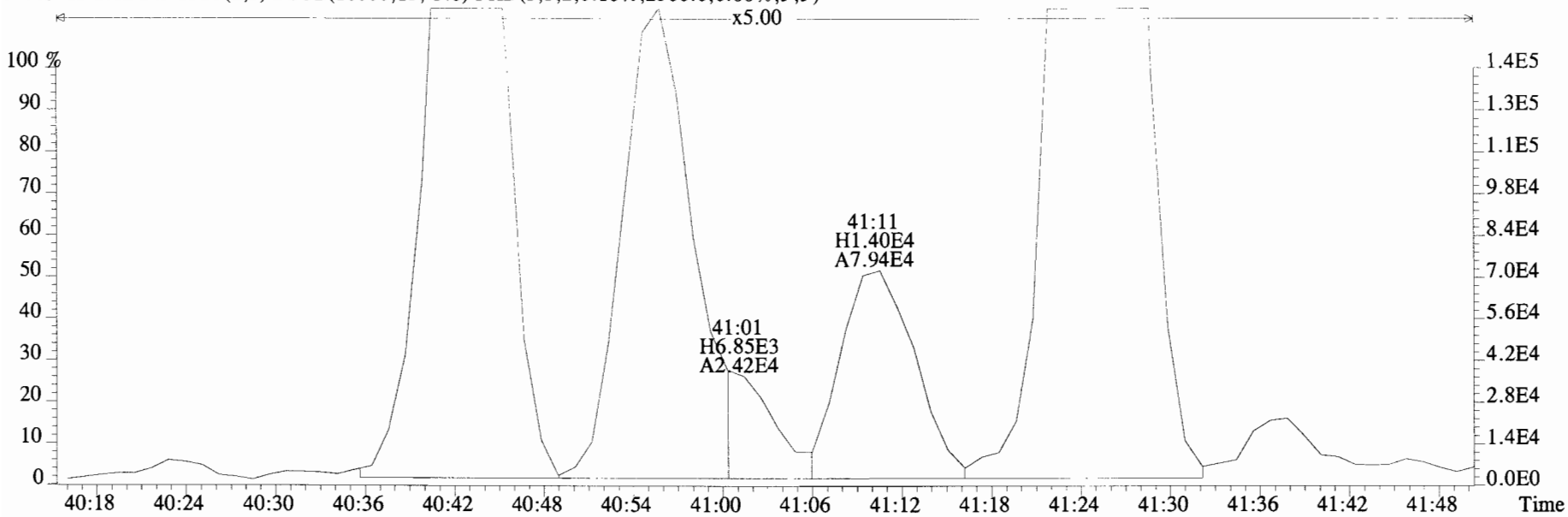
File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2500.0,0.00%,F,F)



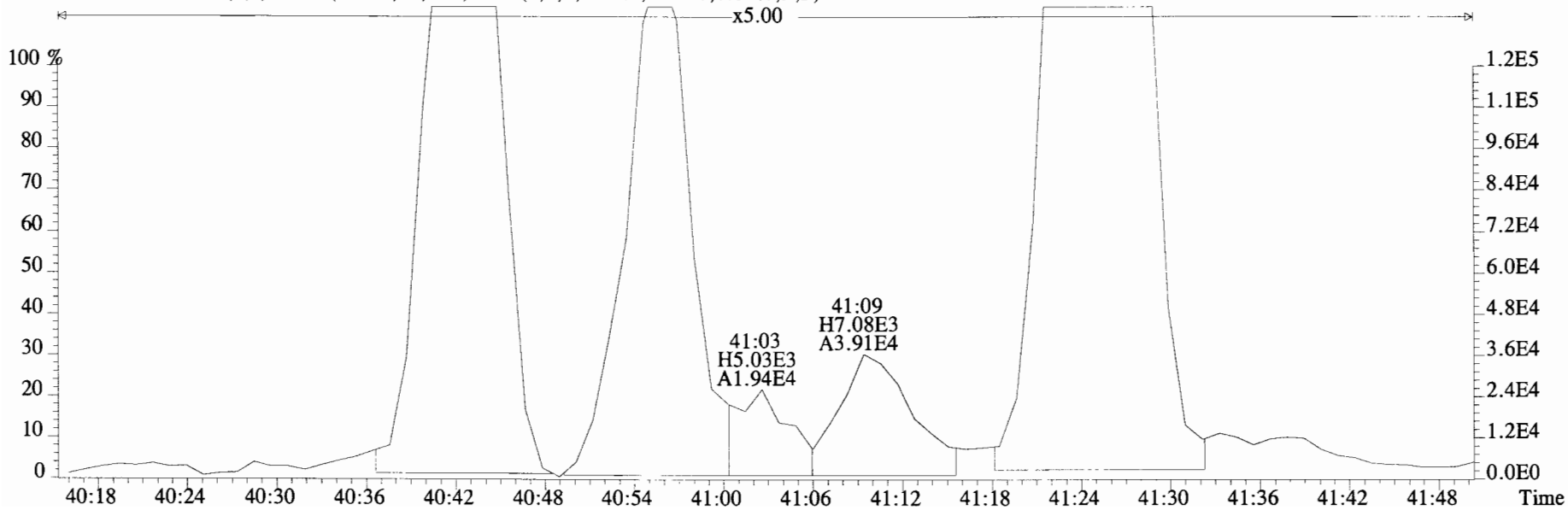
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



File:180409E2 #1-756 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2500.0,0.00%,F,F)

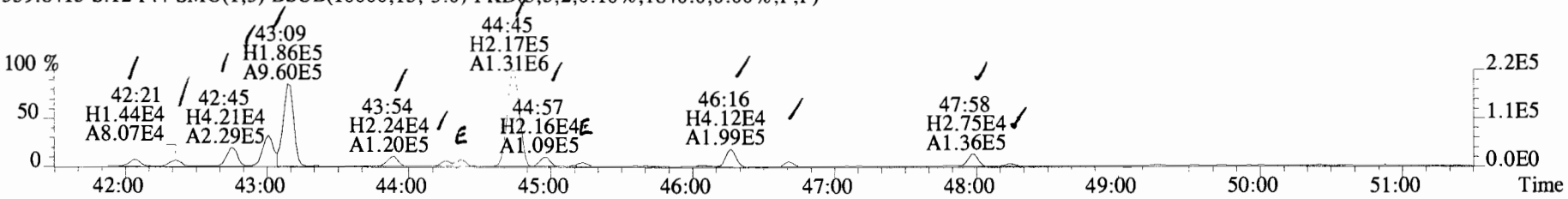


361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)

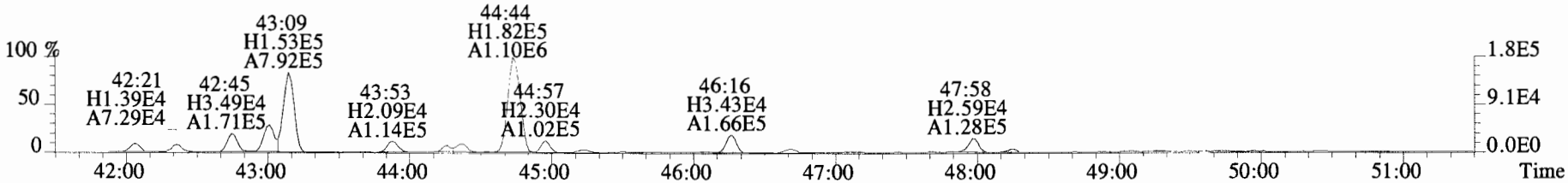


File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1

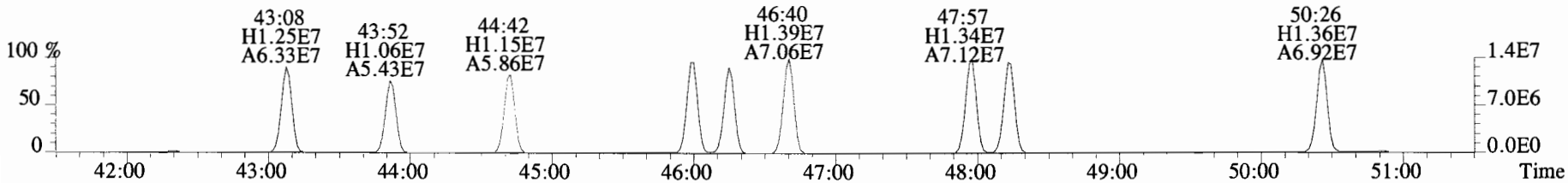
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



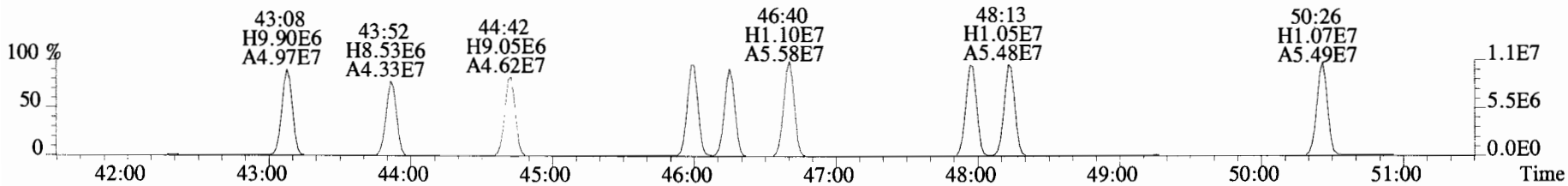
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



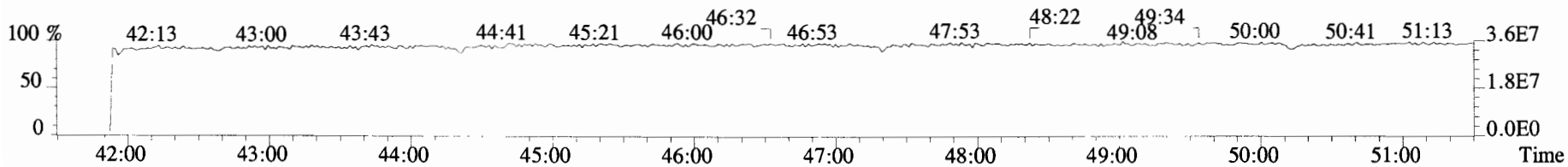
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12420.0,0.00%,F,F)



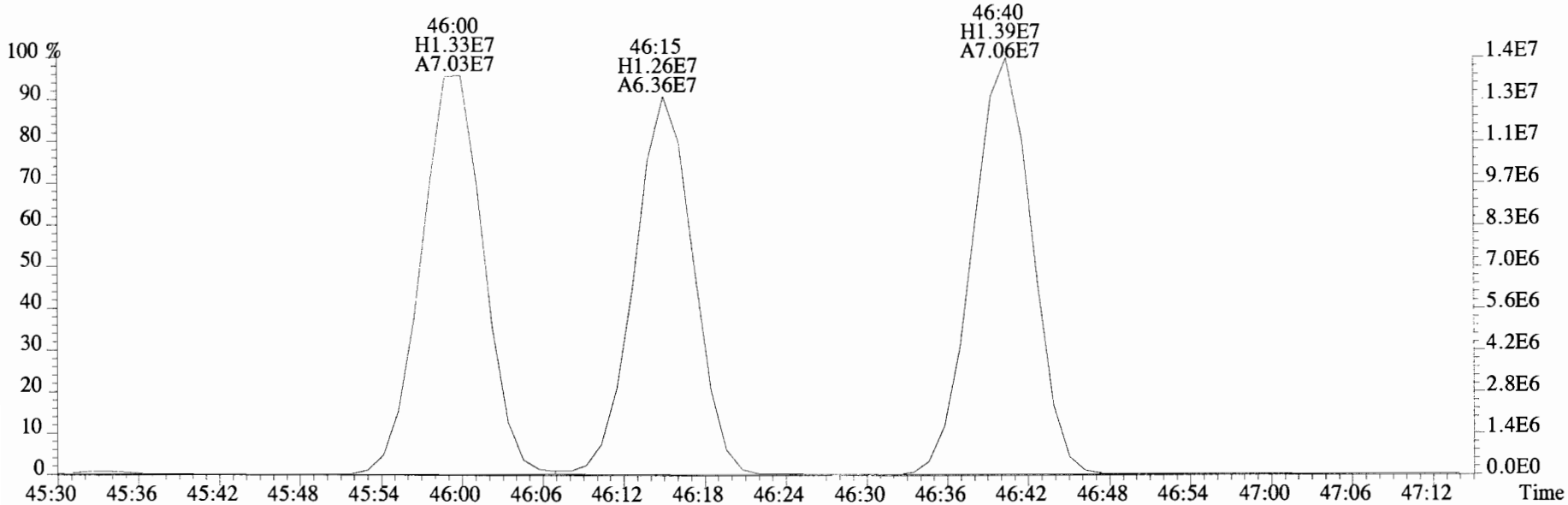
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11576.0,0.00%,F,F)



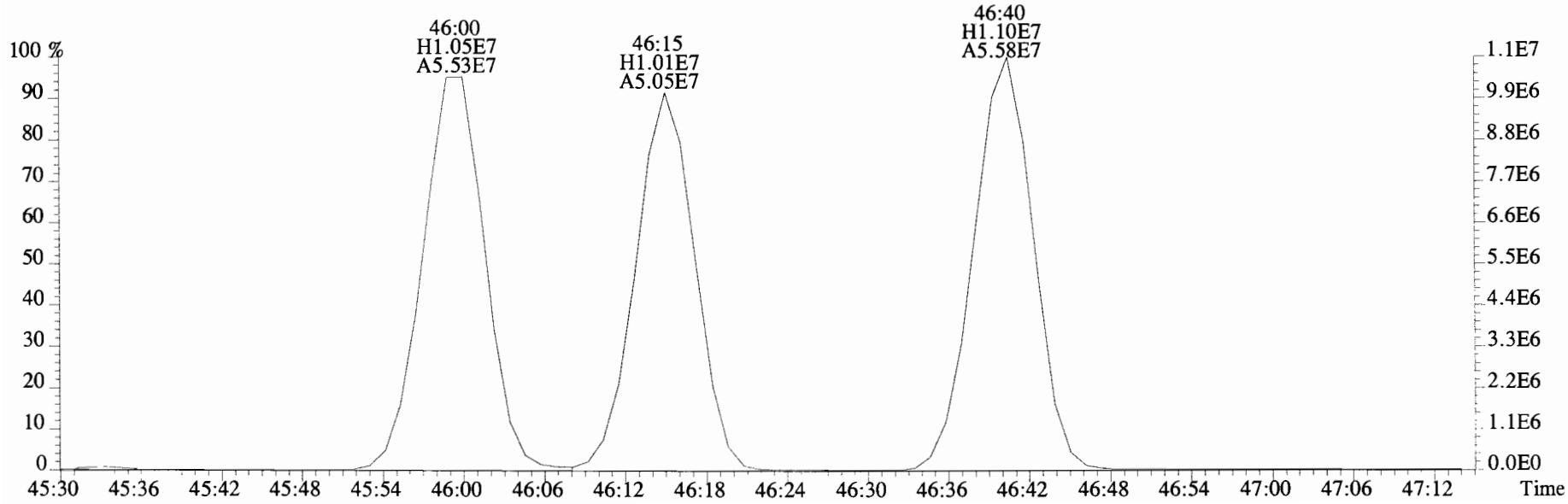
380.9760 S:12 F:4



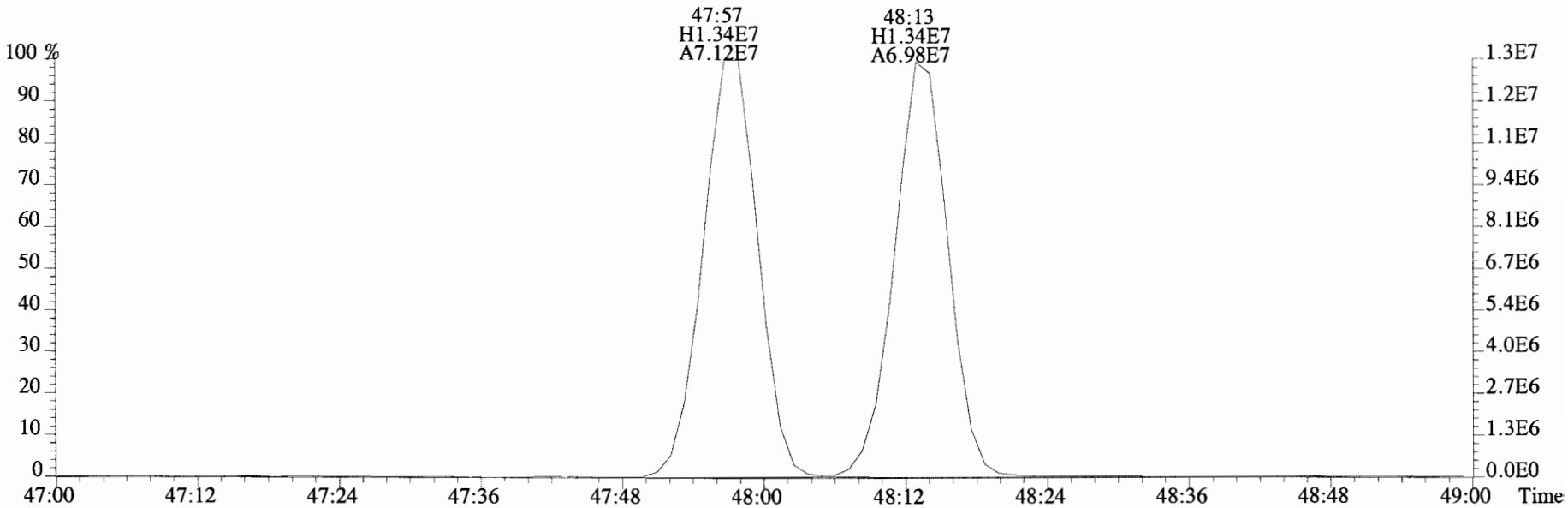
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12420.0,0.00%,F,F)



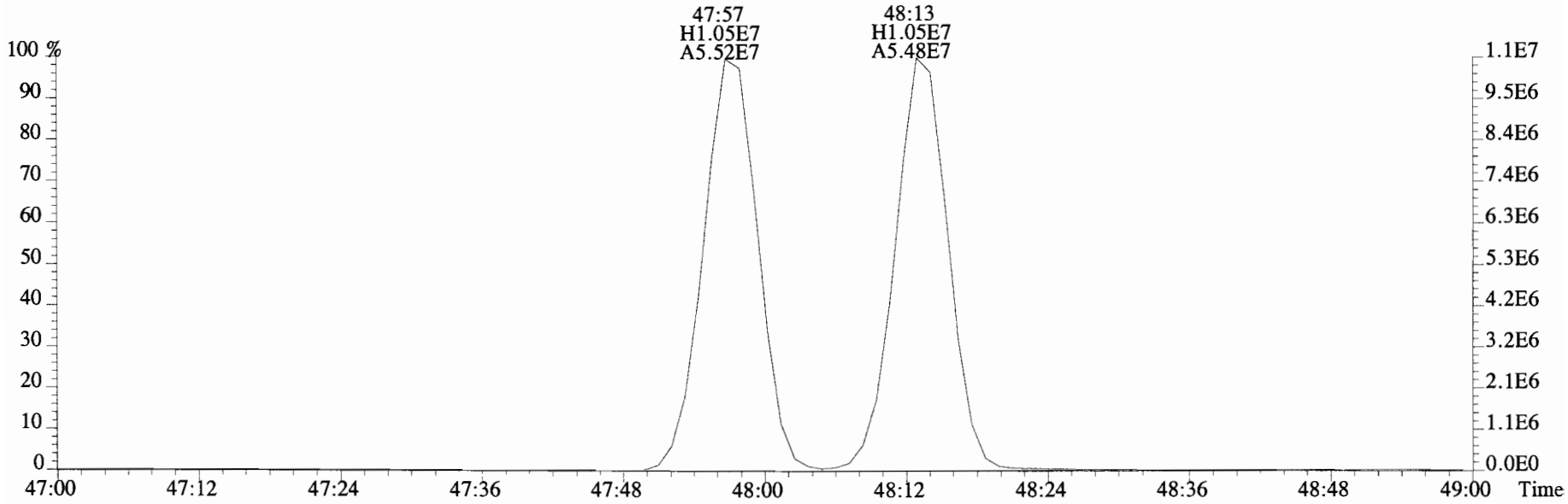
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11576.0,0.00%,F,F)



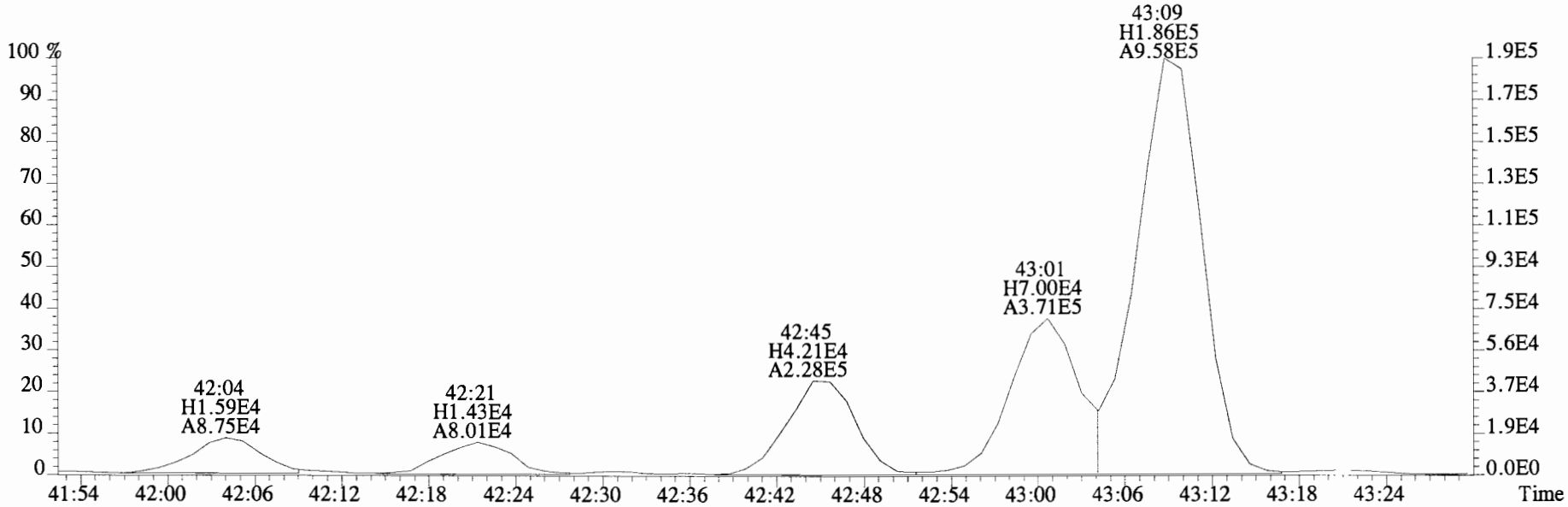
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12420.0,0.00%,F,F)



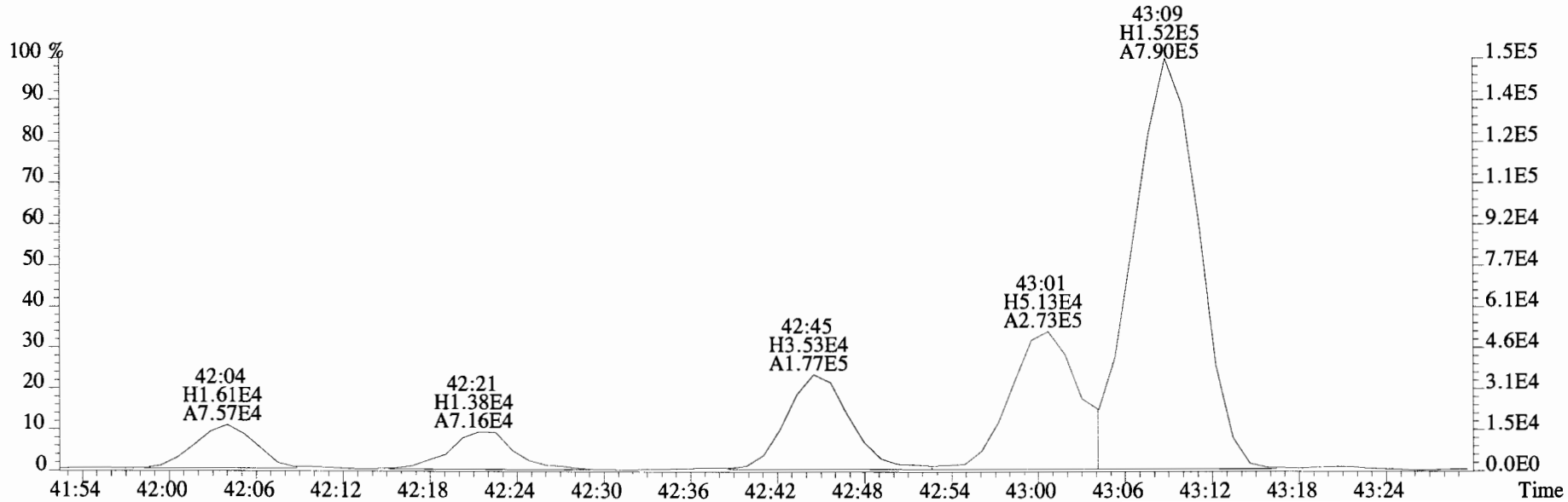
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11576.0,0.00%,F,F)



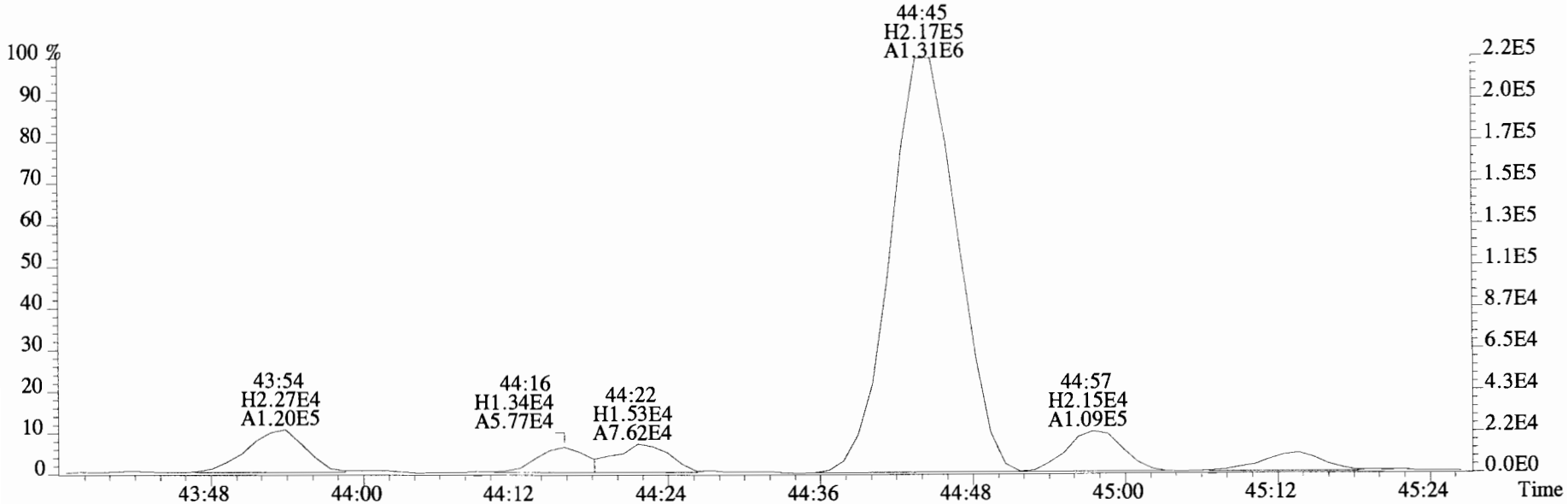
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



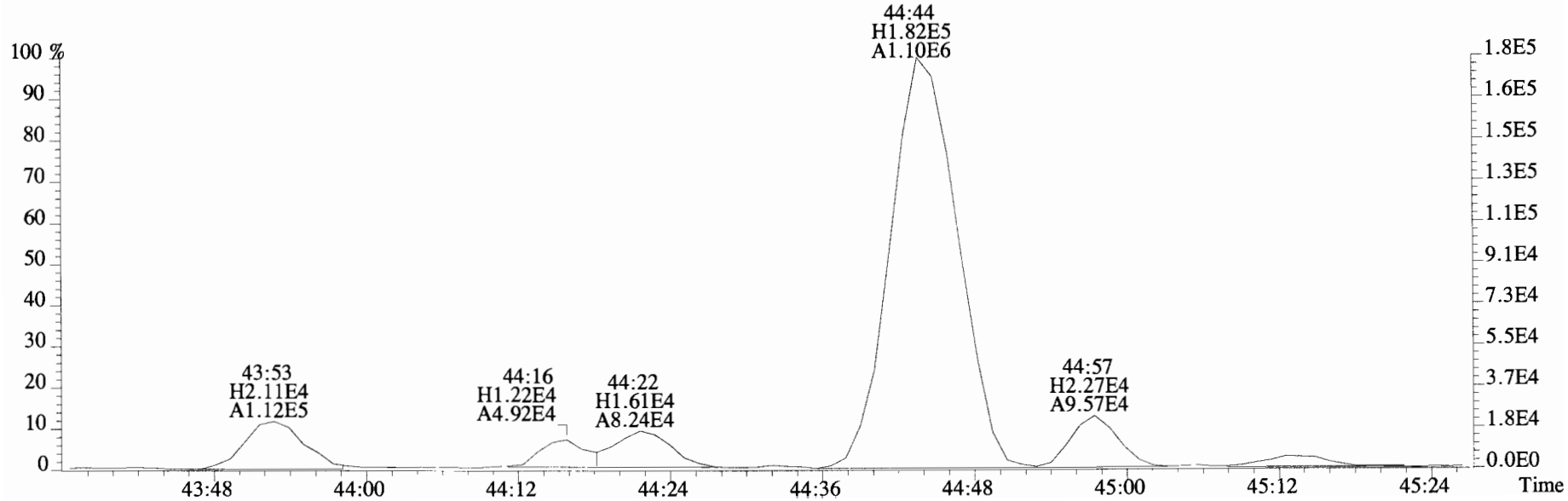
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



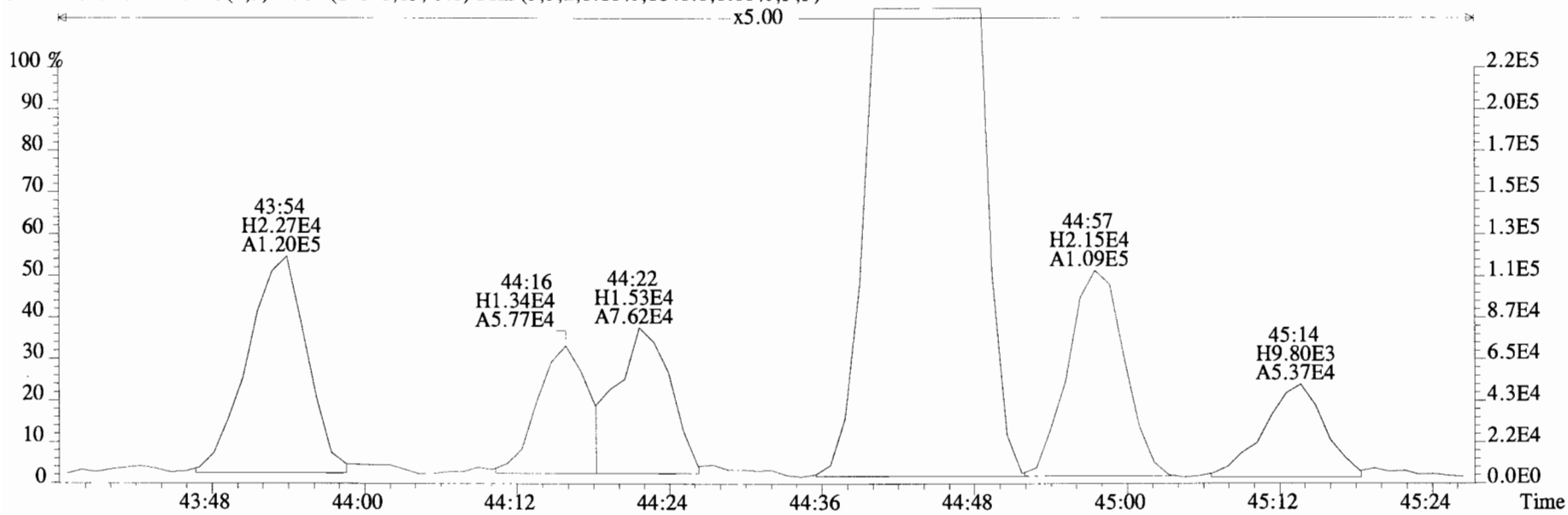
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



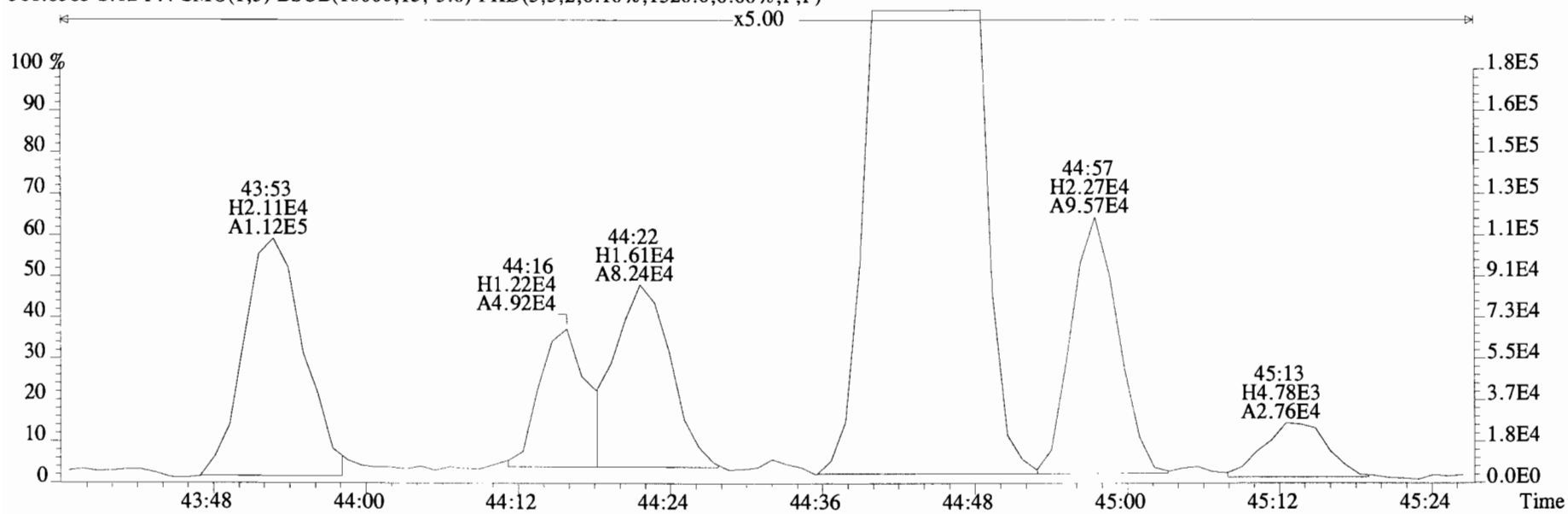
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



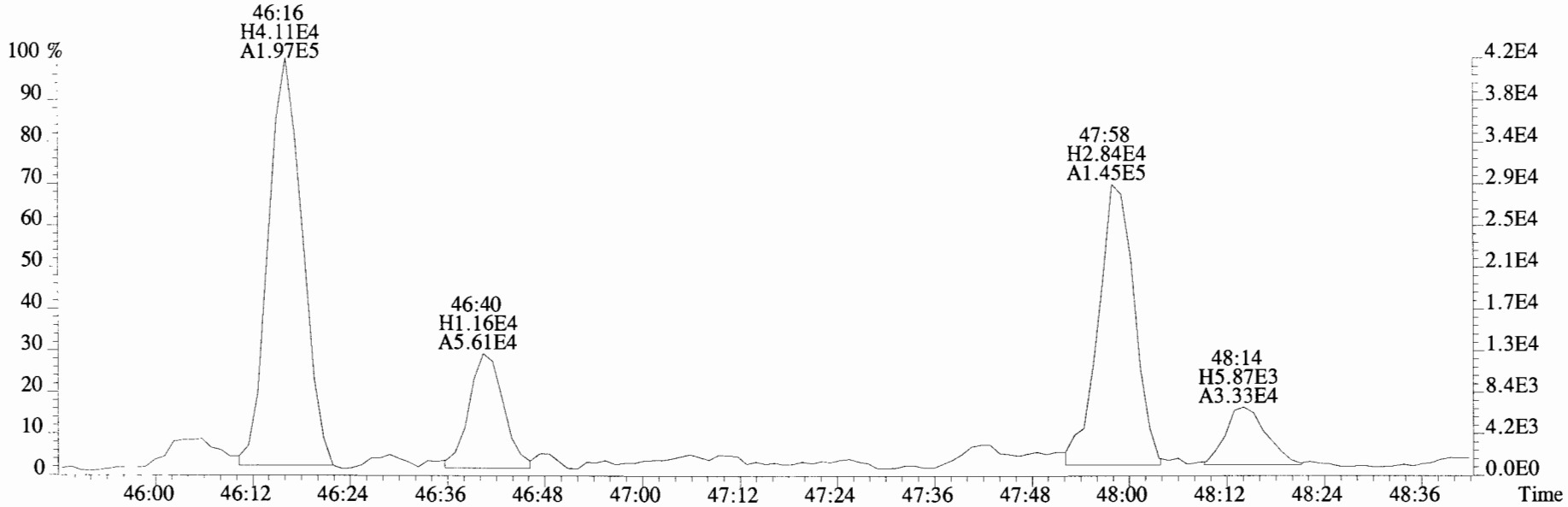
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



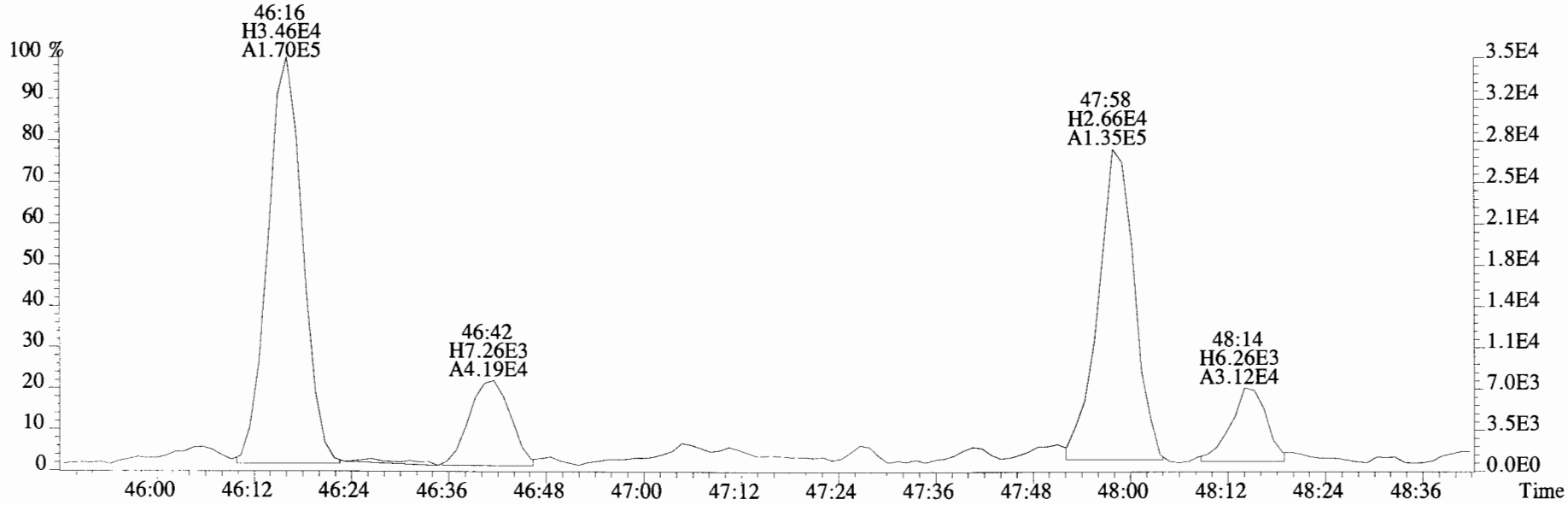
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



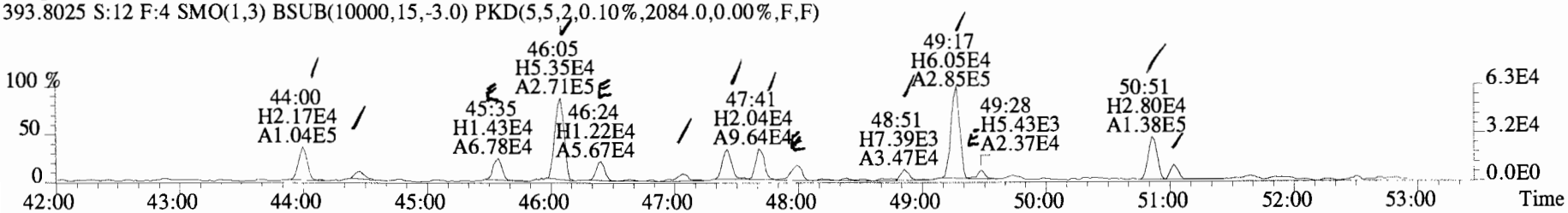
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1840.0,0.00%,F,F)



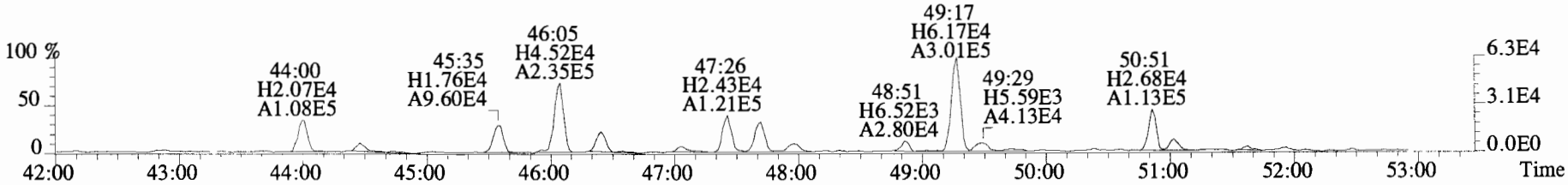
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



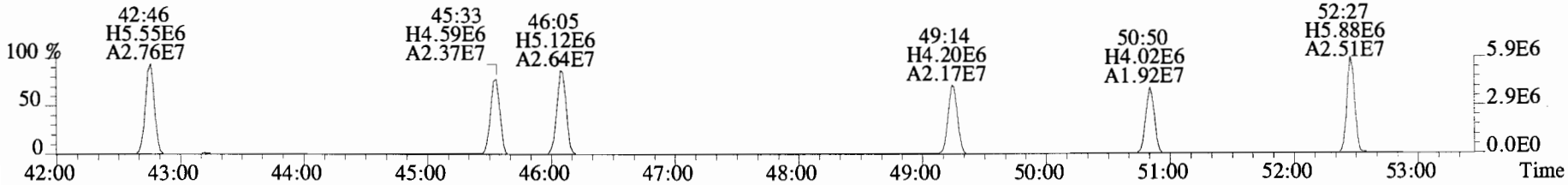
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



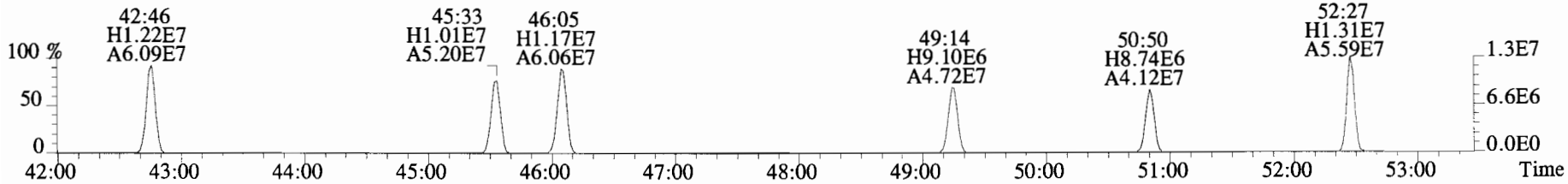
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



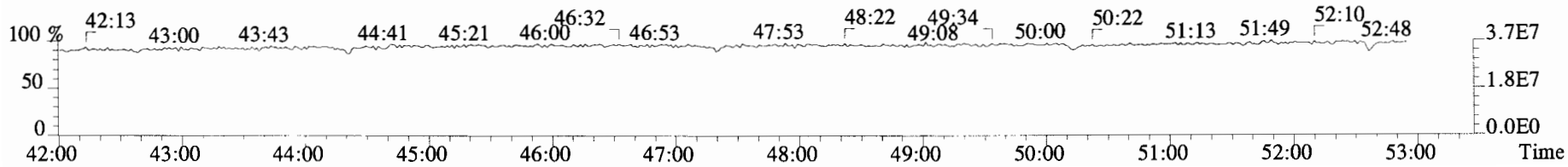
403.8457 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



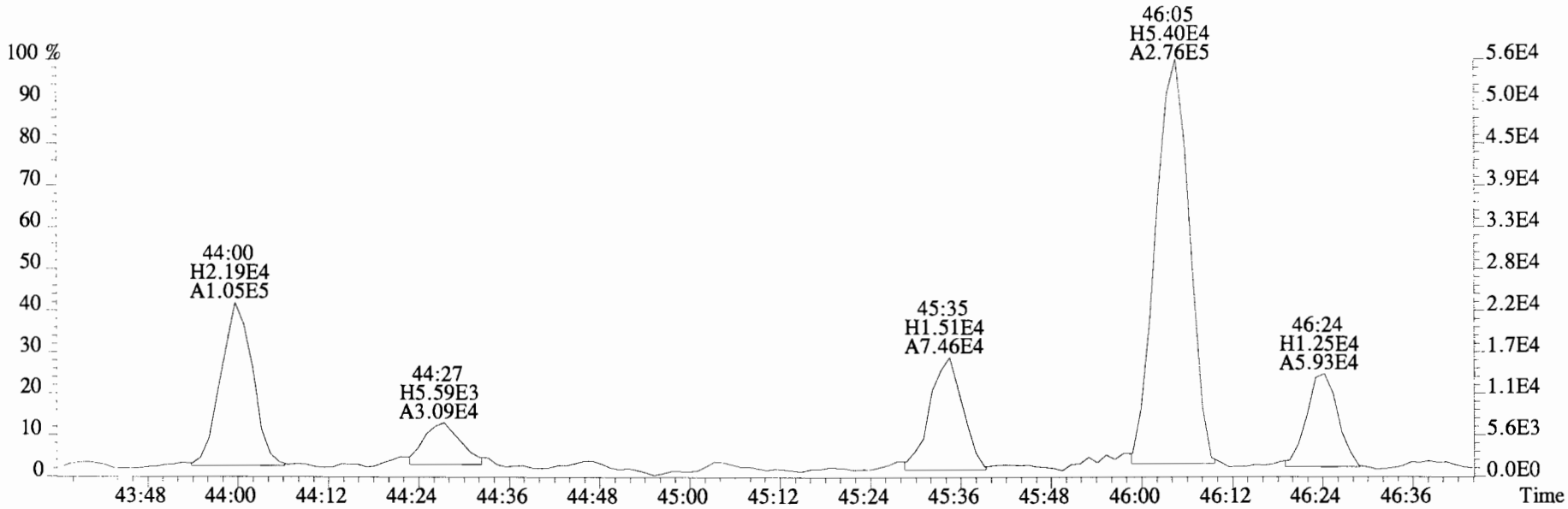
405.8428 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7992.0,0.00%,F,F)



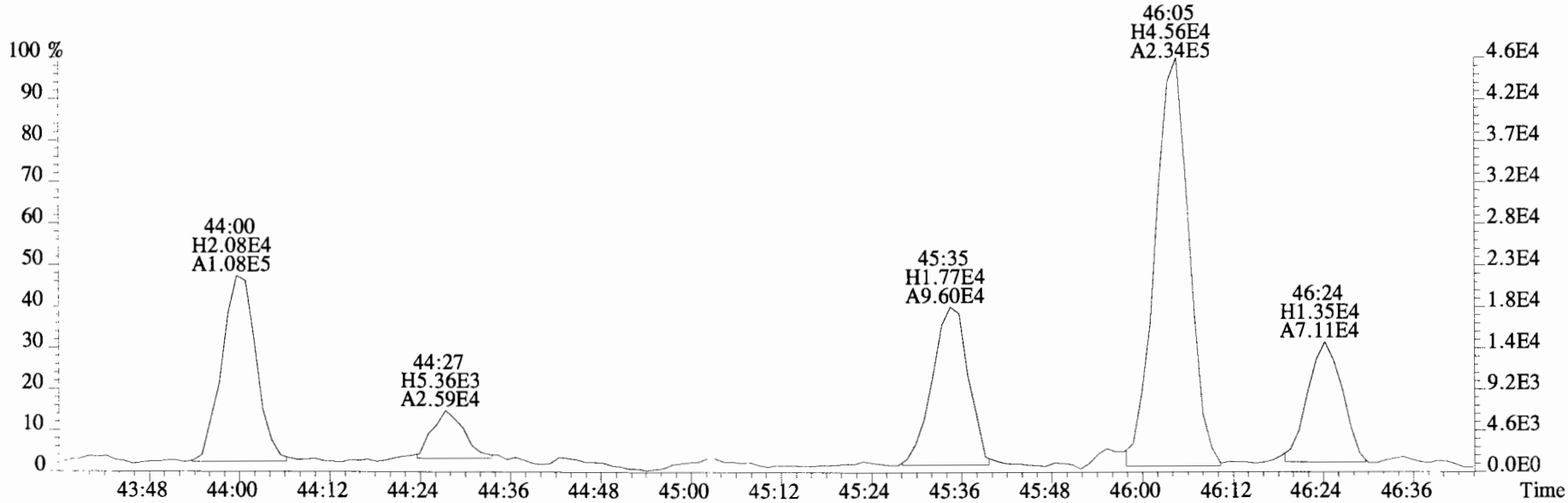
380.9760 S:12 F:4



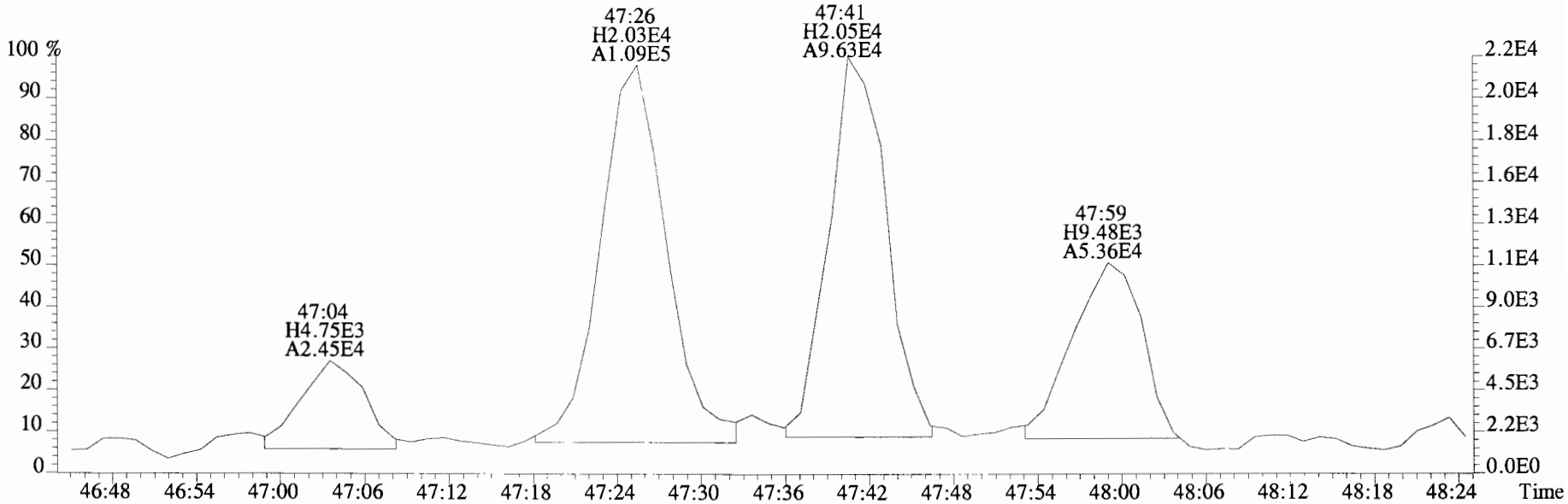
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



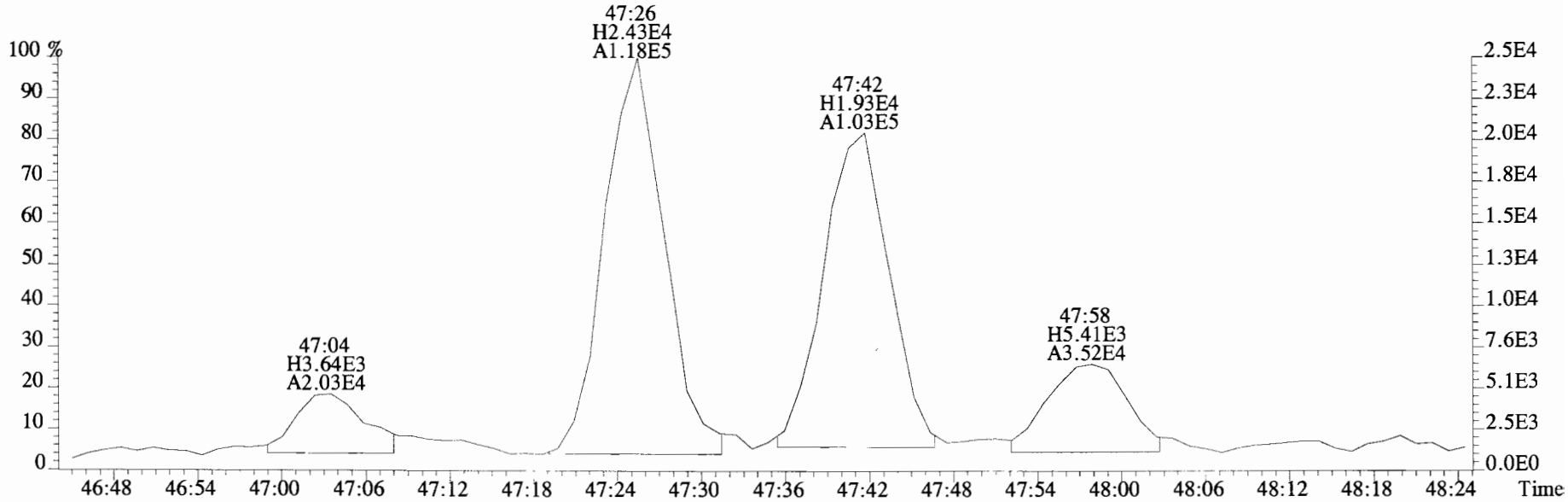
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



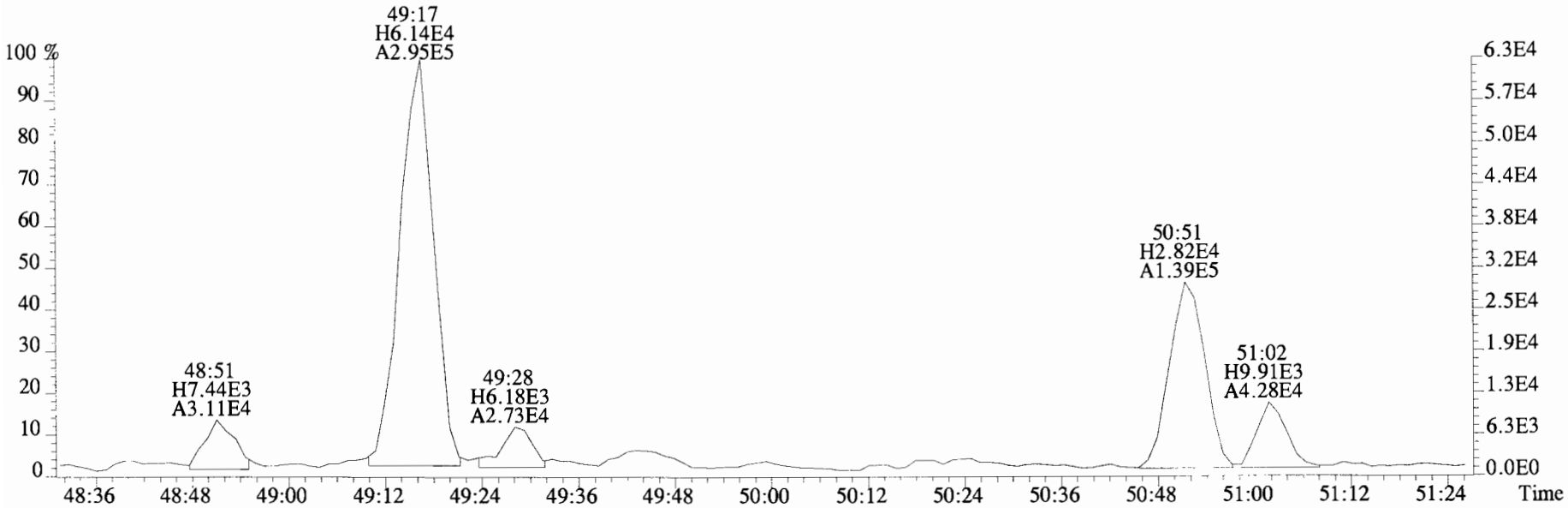
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



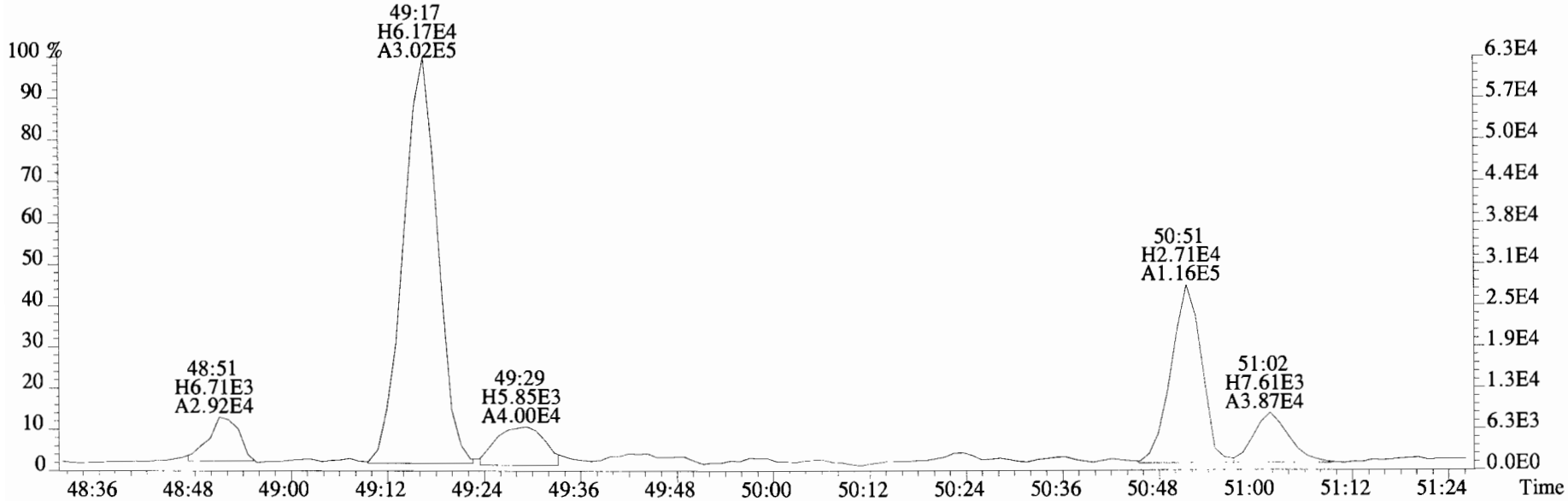
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



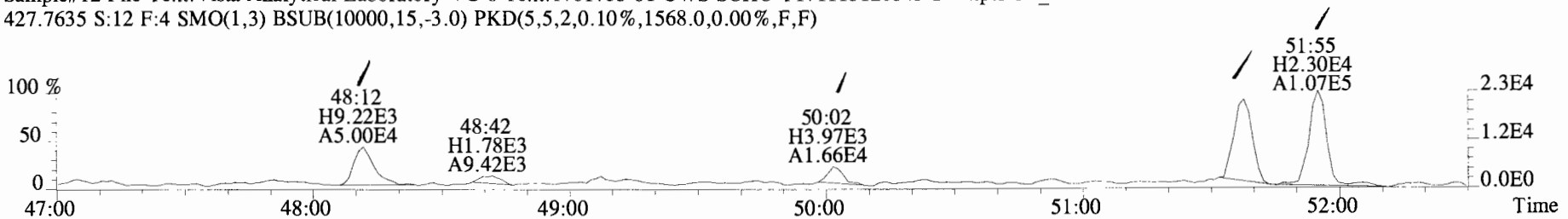
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



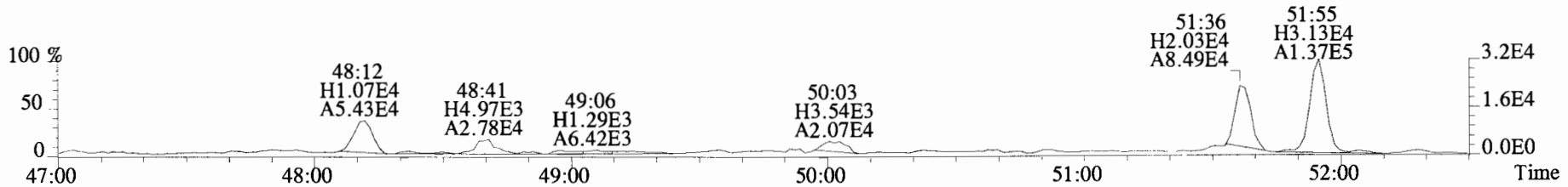
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



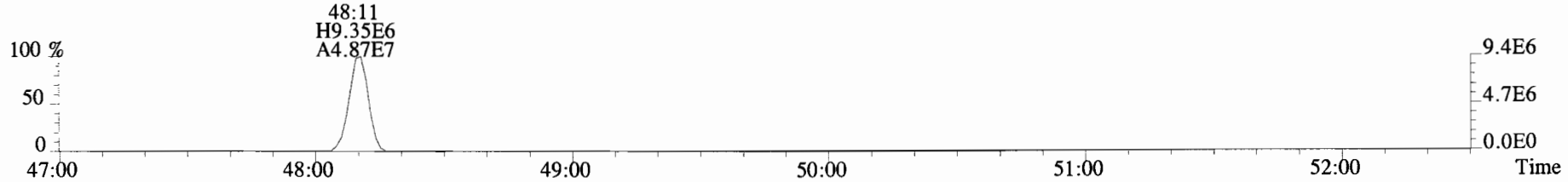
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1568.0,0.00%,F,F)



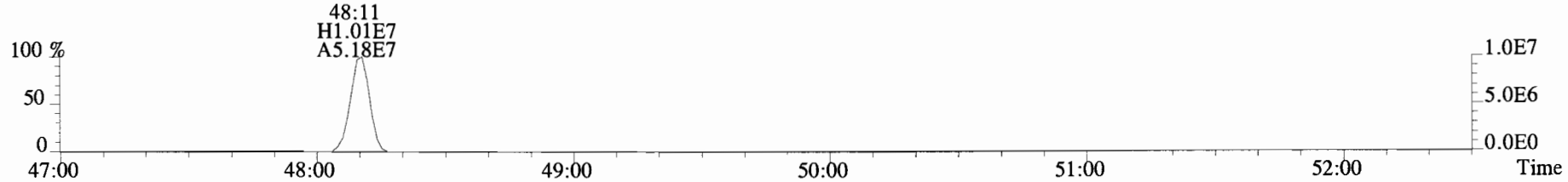
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



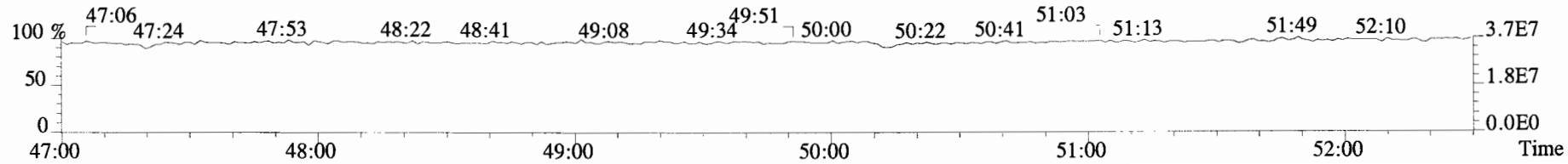
439.8038 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1904.0,0.00%,F,F)



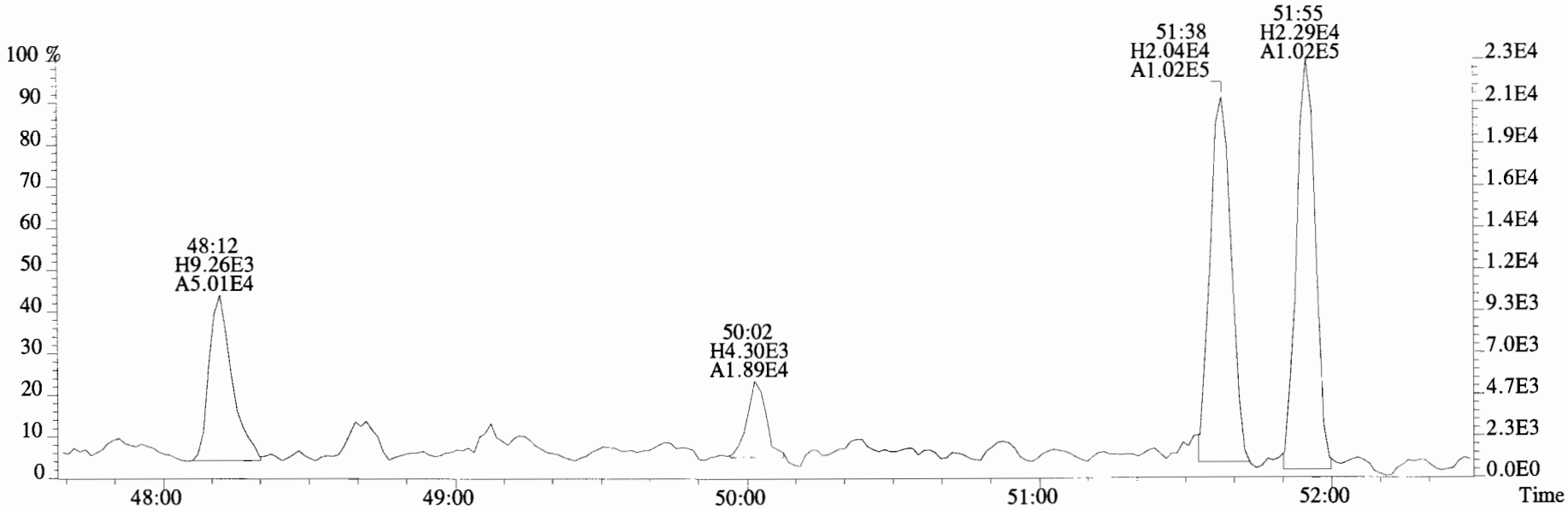
441.8008 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2904.0,0.00%,F,F)



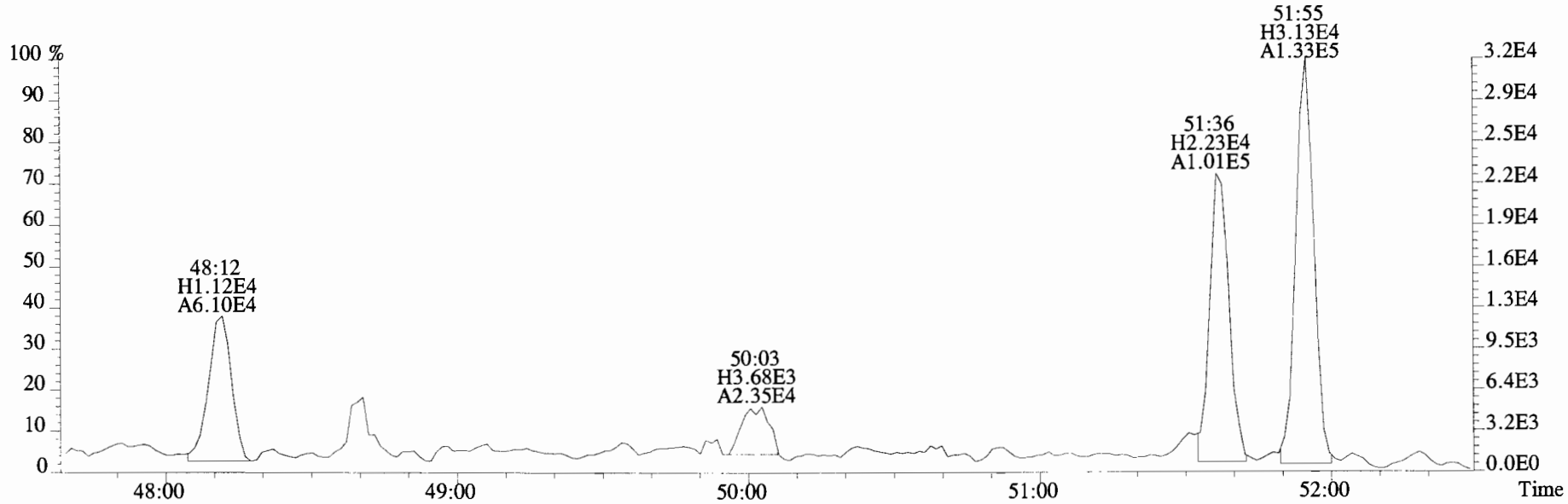
380.9760 S:12 F:4



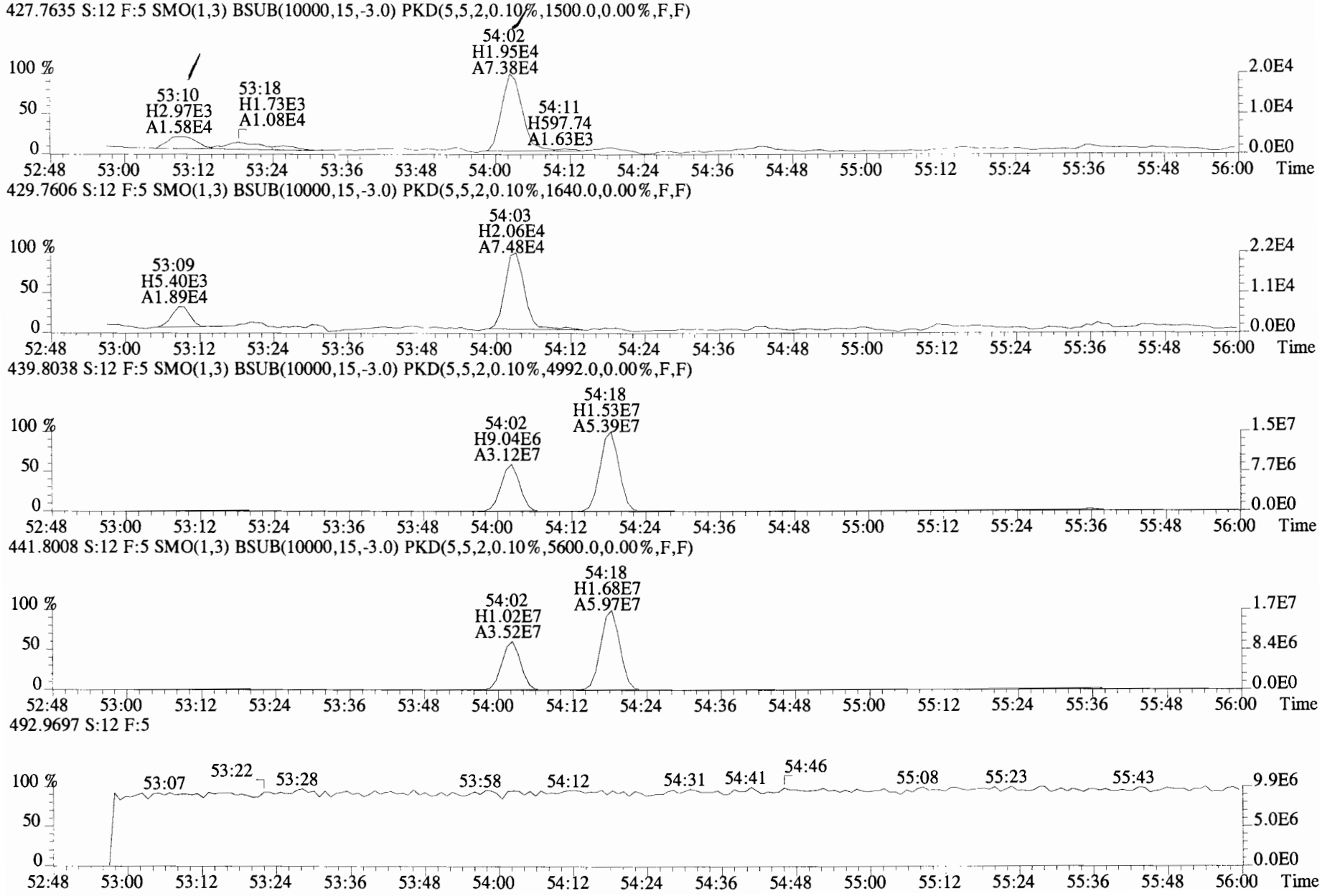
File:180409E2 #1-574 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1568.0,0.00%,F,F)



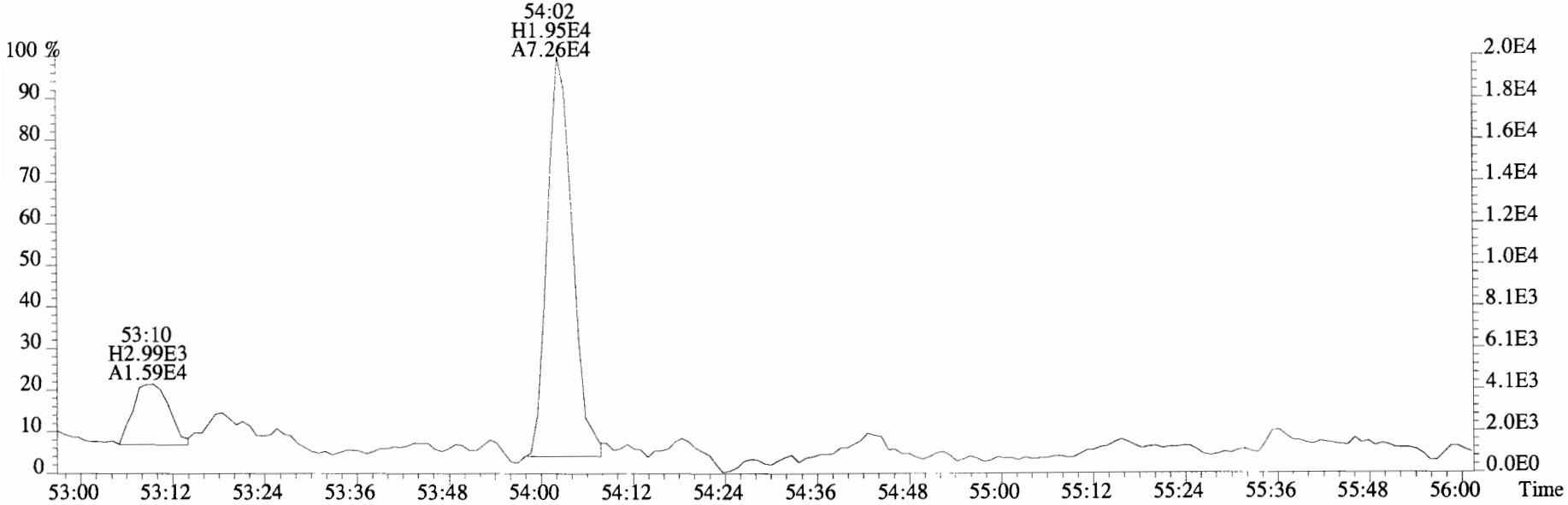
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



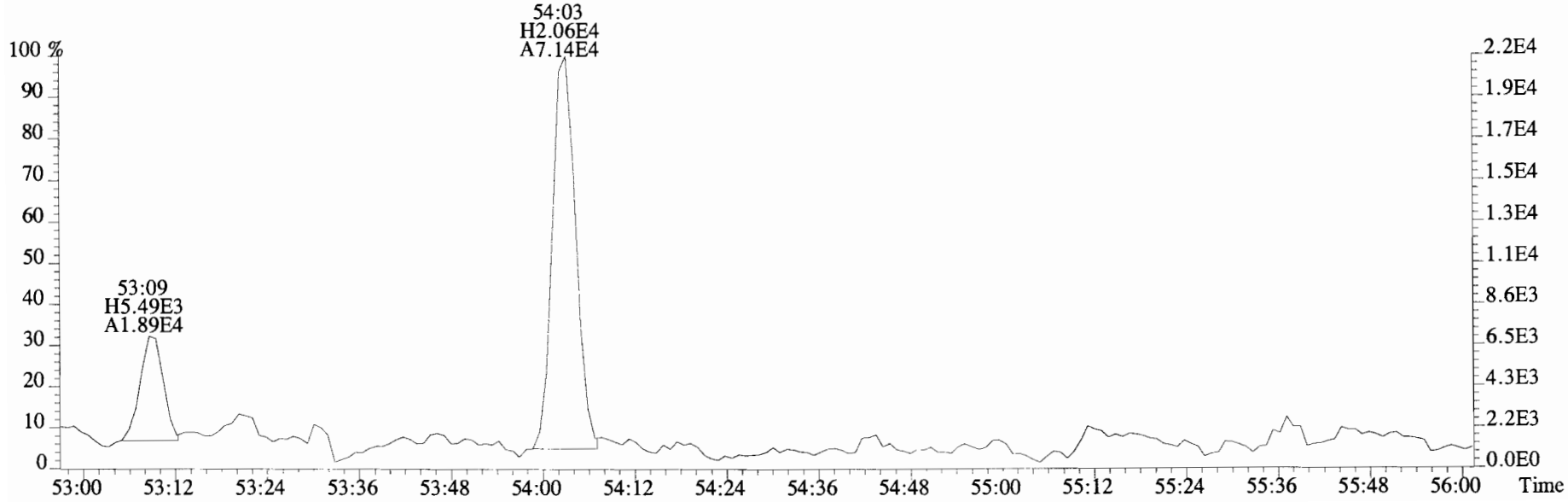
File:180409E2 #1-407 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1



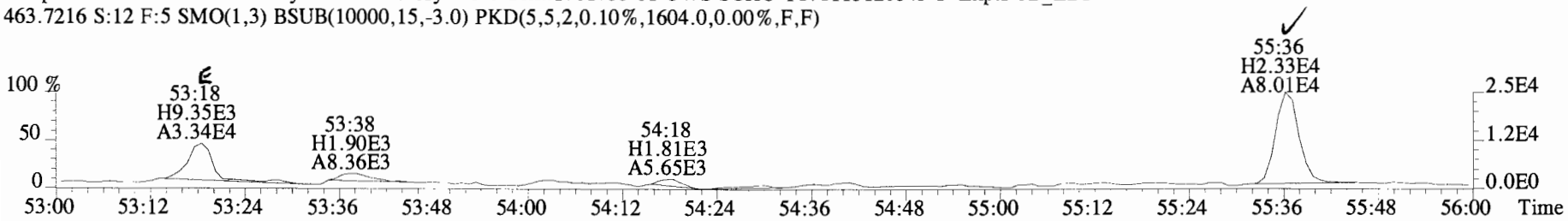
File:180409E2 #1-407 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
427.7635 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



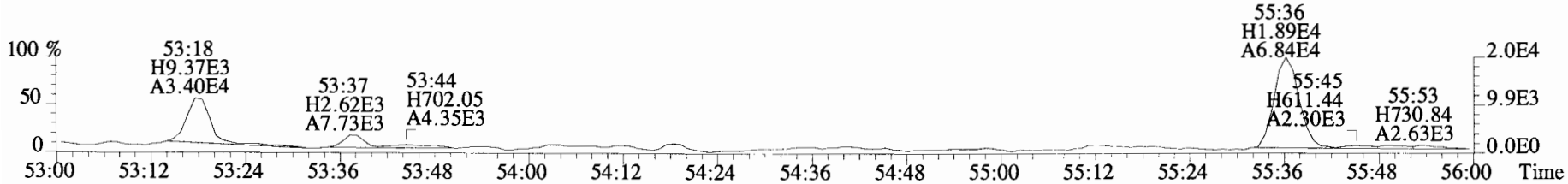
429.7606 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



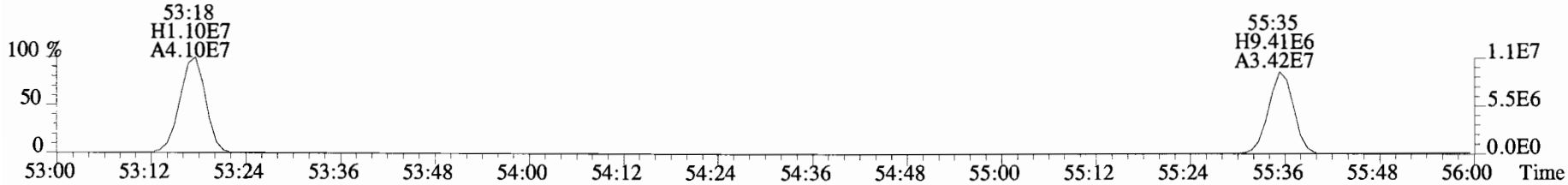
File:180409E2 #1-407 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



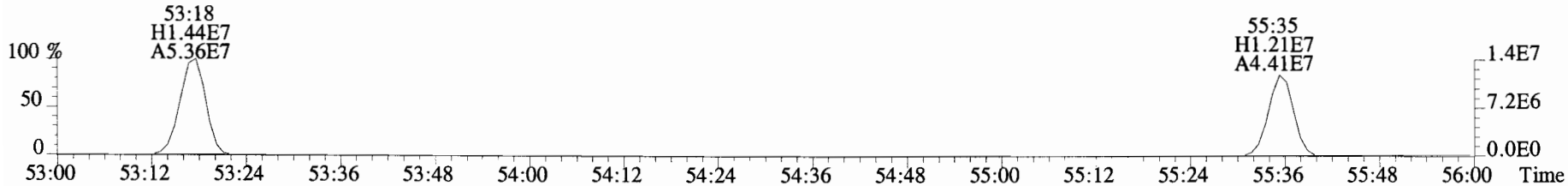
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



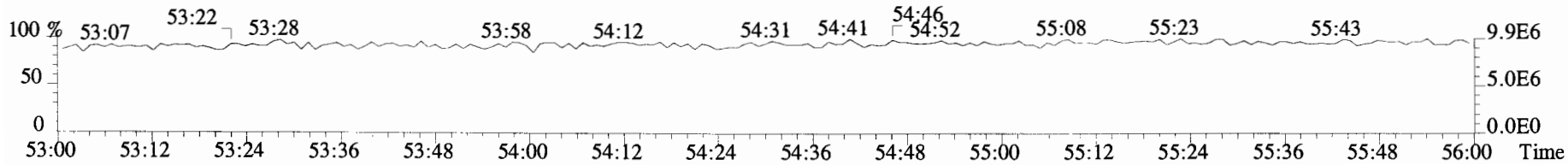
473.7648 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15748.0,0.00%,F,F)



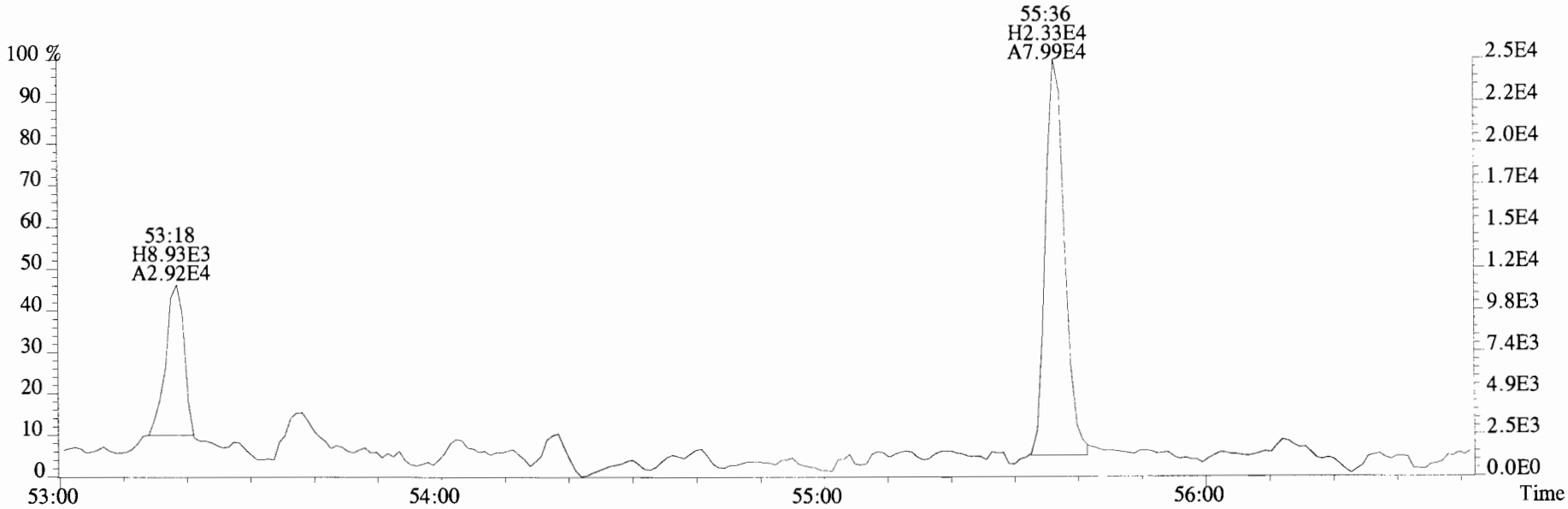
475.7619 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18852.0,0.00%,F,F)



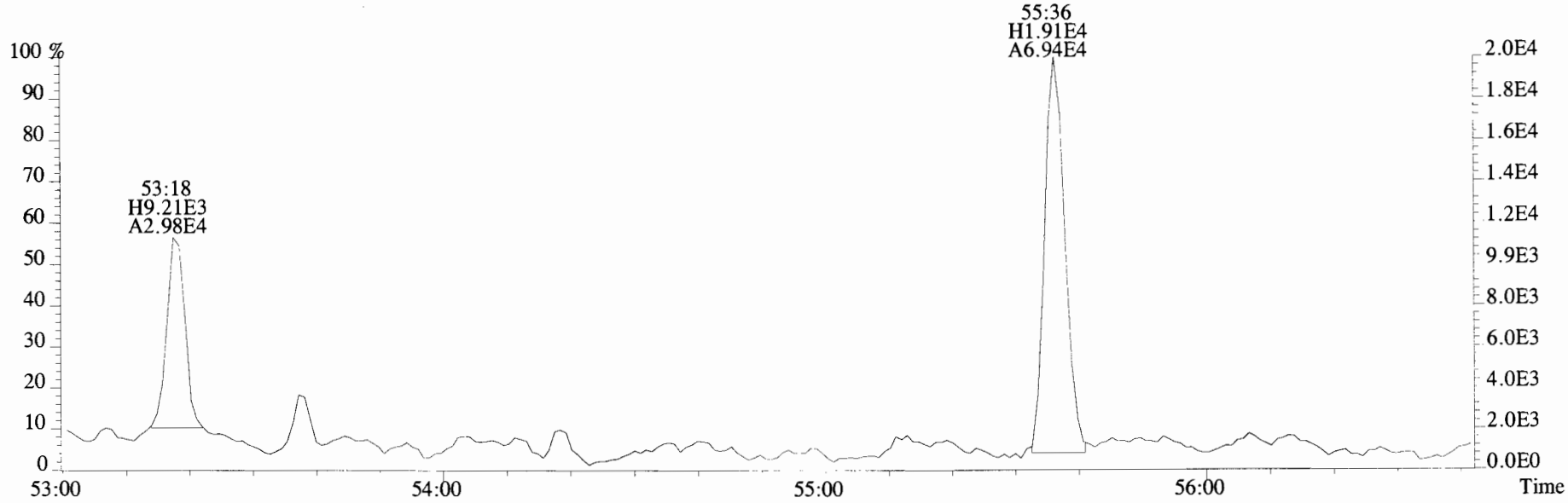
492.9697 S:12 F:5



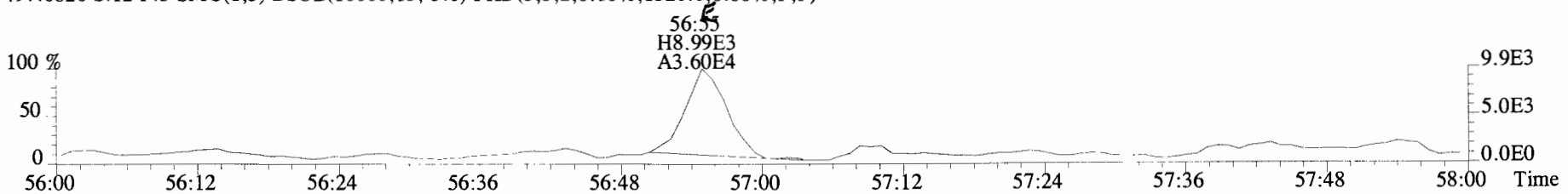
File:180409E2 #1-407 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



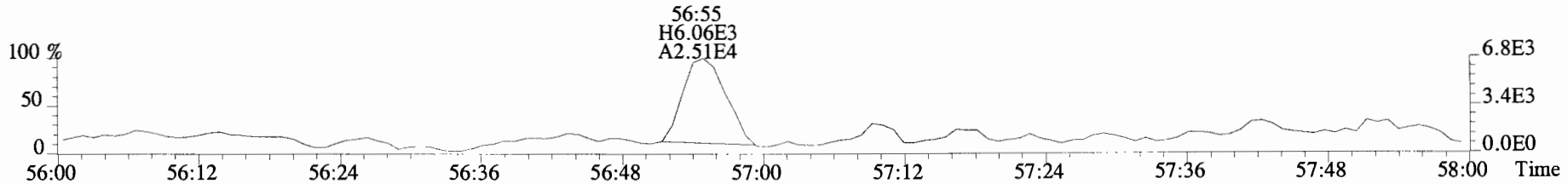
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



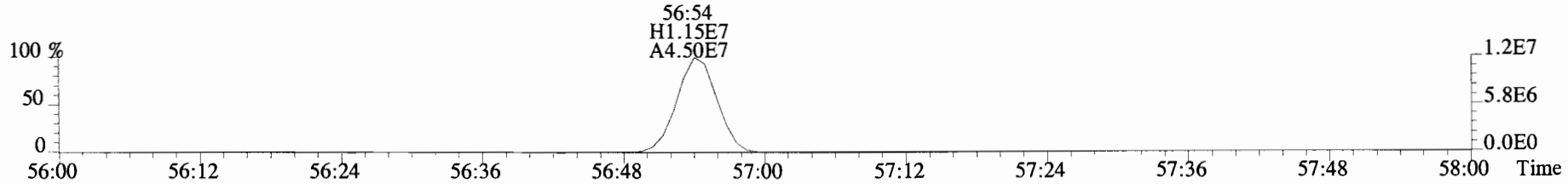
File:180409E2 #1-407 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



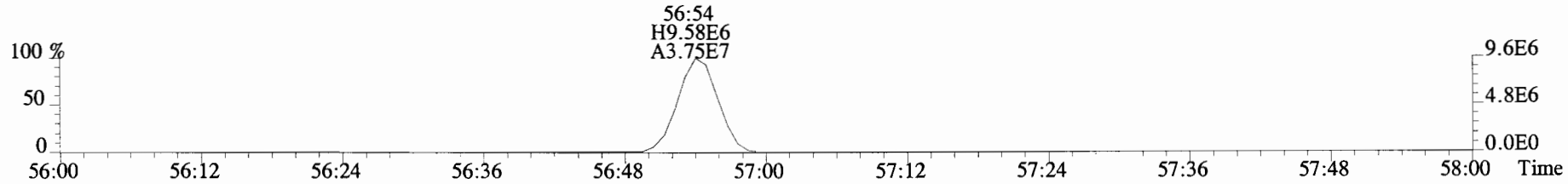
499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



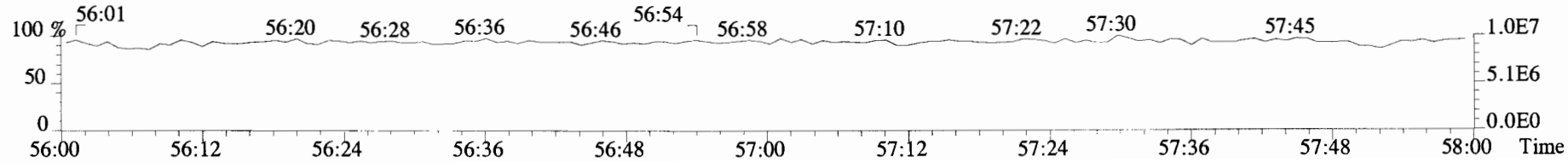
509.7229 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



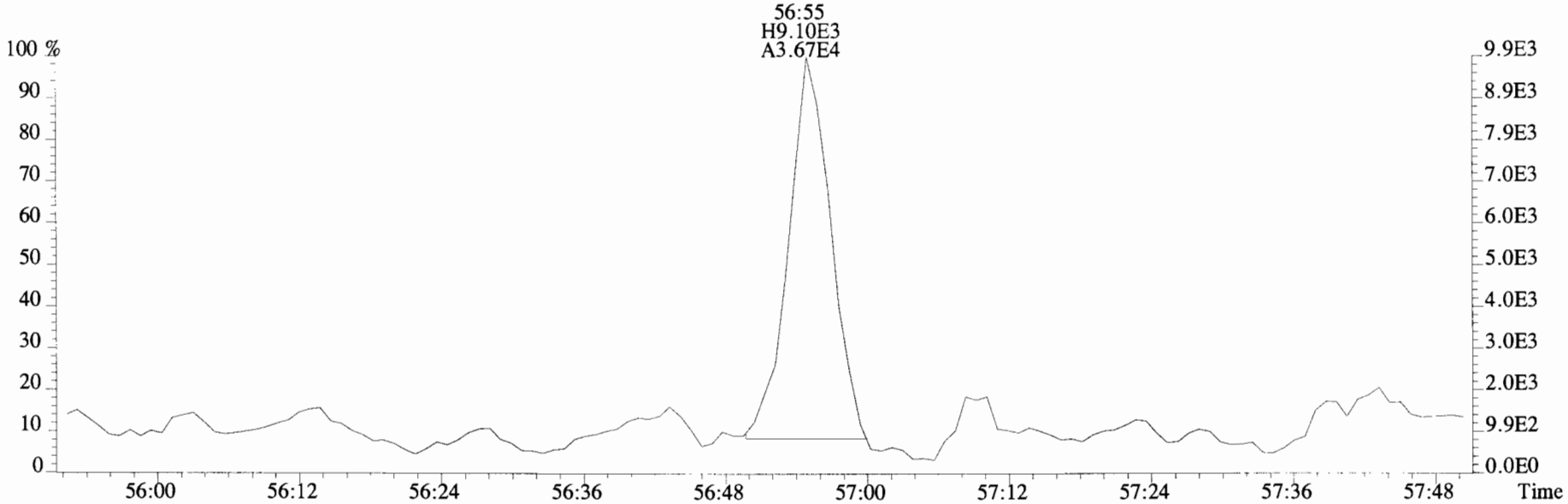
511.7199 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



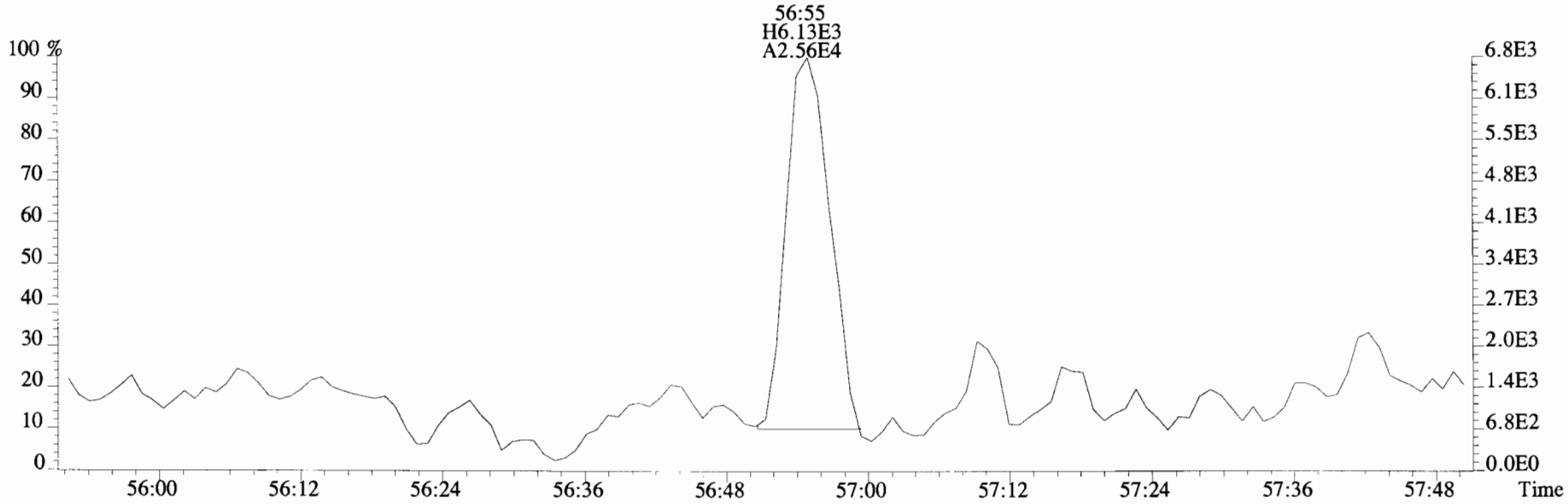
492.9697 S:12 F:5



File:180409E2 #1-407 Acq:10-APR-2018 18:44:07 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:1701755-01 OWS-SCHU-T171115120543 1 Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



Client ID: OWS-THIS-T171115120714 Filename: 180409E3 S:3 Acq:10-APR-18 22:11:43 ConCal: ST180409E3-1
Lab ID: 1701755-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	4.71e+06	3.07	y 16:00	1.07	59.44		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	5.18e+04	2.77	y 18:23	1.06	0.6235		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	8.01e+05	3.01	y 18:37	1.06	9.621		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	6.70e+07	1.57	y 19:58	1.24	1069		*	2.5	*	1.001	0.998-1.008
Di	PCB-7/9	*	*	n NotF╗	0.99	*		30500	1.0	3.43	*	0.863-0.871
Di	PCB-6	9.01e+05	1.71	y 22:26	1.06	10.31		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	3.37e+06	1.51	y 22:49	1.03	39.76		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF╗	1.03	*		3180	2.5	0.903	*	0.948-0.958
Di	PCB-11	8.16e+05	1.58	y 25:08	1.11	8.401		*	2.5	*	1.000	0.996-1.006
Di	PCB-12/13	4.51e+05	1.71	y 25:31	1.02	5.070		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	4.21e+06	1.69	y 25:51	1.05	45.67		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	1.96e+07	1.05	y 24:07	1.20	267.9		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF╗	1.93	*		1630	2.5	0.263	*	1.034-1.044
Tri	PCB-18	5.69e+06	1.04	y 25:46	0.91	68.59		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	3.64e+06	1.10	y 25:57	0.84	47.68		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	8.62e+06	1.04	y 26:30	1.15	82.45		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	7.37e+06	1.05	y 27:02	1.02	79.53		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	1.51e+05	1.31	n 27:50	0.96	1.777		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF╗	0.95	*		1470	2.5	0.445	*	0.958-0.968
Tri	PCB-29	*	*	n NotF╗	0.96	*		1470	2.5	0.438	*	0.966-0.976
Tri	PCB-26	2.77e+06	1.09	y 28:23	1.00	31.18		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	9.80e+05	0.98	y 28:33	1.06	10.49		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	5.56e+06	1.06	y 28:54	1.10	57.28		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	5.72e+06	1.04	y 29:00	1.14	56.87		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	7.27e+05	1.06	y 29:38	1.00	8.258		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	1.12e+06	1.04	y 30:03	1.09	11.62		*	2.5	*	1.036	1.032-1.042
Tri	PCB-36	2.55e+04	0.90	y 30:41	1.15	0.2629		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	7.49e+04	1.12	y 31:09	1.07	0.8282		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	9.24e+04	1.16	y 31:55	1.10	0.9921		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	8.54e+04	0.92	y 32:27	1.12	0.9005		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	1.48e+06	1.05	y 32:53	1.11	15.69		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	5.51e+05	0.76	y 27:53	1.07	5.945		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	1.04e+05	0.68	y 29:02	0.87	1.375		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	3.32e+06	0.81	y 29:42	1.01	45.48		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	9.10e+05	0.77	y 30:02	1.10	11.46		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	1.30e+06	0.84	y 30:27	0.87	20.63		*	2.5	*	0.969	0.965-0.975
Tetra	PCB-46	4.76e+05	0.69	y 30:57	0.84	7.875		*	2.5	*	0.985	0.980-0.990

Integrations by:

Analyst: DB

Date: 4/12/18

Reviewed by: CT Date: 4/13/18

Client ID: OWS-THIS-Ti71115120714 Filename: 180409E3 S:3 Acq:10-APR-18 22:11:43 ConCal: ST180409E3-1
Lab ID. 1701755-02 GC Column ID: ZB-1 ICal. PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	7.94e+06	0.79	y 31:25	1.21	90.74		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-73	2.01e+05	0.82	y 31:34	1.45	1.918		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	5.97e+06	0.80	y 31:43	1.01	81.75		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	3.89e+06	0.77	y 31:56	0.91	54.00		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	9.95e+05	0.79	y 32:03	1.13	11.05		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	*	*	n NotF╗	1.27	*		2260	2.5	0.485	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		2260	2.5	0.563	*	1.011-1.021
Tetra	PCB-44	3.87e+06	0.81	y 32:44	0.85	57.02		*	2.5	*	1.026	1.020-1.030
Tetra	PCB-42/59	2.38e+06	0.80	y 32:57	1.02	29.30		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	6.24e+06	0.79	y 33:33	1.17	67.34		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	2.28e+05	0.88	y 33:47	1.28	2.250		*	2.5	*	1.058	1.054-1.064
Tetra	PCB-40	6.88e+05	0.79	y 34:00	0.62	13.87		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	1.01e+05	0.71	y 34:23	1.13	0.9841		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	2.35e+05	0.75	y 34:41	1.10	2.338		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	*	*	n NotF╗	1.12	*		2260	2.5	0.499	*	0.977-0.987
Tetra	PCB-63	4.12e+05	0.83	y 34:57	1.00	4.516		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	2.37e+06	0.79	y 35:14	1.18	21.92		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	3.19e+06	0.80	y 35:26	1.03	34.03		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	3.89e+06	0.79	y 35:39	1.13	37.58		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		2260	2.5	0.468	*	0.995-1.005
Tetra	PCB-55	5.97e+04	0.98	n 36:10	1.16	0.5493		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	2.83e+06	0.79	y 36:40	1.04	28.91		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	5.77e+04	0.70	y 37:46	1.17	0.5264		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		2260	2.5	0.481	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		2260	2.5	0.549	*	0.995-1.005
Tetra	PCB-77	3.07e+05	0.53	n 39:33	1.08	2.933		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotF╗	1.08	*		1710	2.5	0.707	*	0.996-1.006
Penta	PCB-96	1.02e+05	1.65	y 33:50	1.13	1.266		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	5.46e+04	0.96	n 34:24	0.91	0.8414		*	2.5	*	1.057	1.051-1.061
Penta	PCB-100	6.35e+04	1.63	y 34:44	0.93	0.9603		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	1.07e+05	1.06	n 35:13	0.91	2.123		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	2.02e+06	1.57	y 35:44	1.17	31.14		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		1710	2.5	1.13	*	0.997-1.007
Penta	PCB-88/91	5.51e+05	1.58	y 36:08	0.97	10.22		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		1710	2.5	0.622	*	1.009-1.019
Penta	PCB-84/92	1.09e+06	1.69	y 37:03	0.97	18.58		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	5.27e+04	1.23	n 37:14	1.06	0.8233		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 4/12/18

Client ID: OWS-THIS-T171115120714 Filename: 180409E3 S:3 Acq:10-APR-18 22:11:43 ConCal: ST180409E3-1
Lab ID: 1701755-02 GC Column ID: ZB-1 ICal: PCBVG8-2-3-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	1.92e+06	1.49	y 37:25	1.08	29.71		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	*	*	n NotF╗	1.48	*		1710	2.5	0.635	*	1.002-1.012
Penta	PCB-99	1.18e+06	1.49	y 37:45	1.25	15.59		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	1.07e+05	1.26	n 38:13	1.70	1.167		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	1.94e+05	1.19	n 38:22	1.40	2.569		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF╗	1.75	*		1710	2.5	0.599	*	0.990-1.000
Penta	PCB-97	5.99e+05	1.57	y 38:44	1.17	9.464		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF╗	1.08	*		1710	2.5	0.971	*	0.999-1.009
Penta	PCB-87/117/125	9.28e+05	1.55	y 39:01	1.55	11.09		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	*	*	n NotF╗	1.79	*		1710	2.5	0.586	*	1.006-1.016
Penta	PCB-85/116	4.64e+05	1.69	y 39:16	1.29	6.666		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF╗	1.98	*		1710	2.5	0.530	*	1.016-1.026
Penta	PCB-110	2.68e+06	1.50	y 39:40	1.69	29.54		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	2.93e+05	1.39	y 40:17	0.81	4.895		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	7.99e+04	1.34	y 40:59	1.30	0.8318		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	1.99e+05	1.37	y 41:08	1.31	2.045		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	7.19e+04	1.77	y 41:17	1.12	0.8666		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	1.84e+06	1.66	y 41:29	1.18	20.21		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	*	*	n NotF╗	1.11	*		3150	1.0	0.569	*	0.995-1.005
Penta	PCB-122	*	*	n NotF╗	1.03	*		2480	1.0	0.483	*	0.999-1.009
Penta	PCB-105	7.59e+05	1.63	y 42:58	1.12	9.933		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF╗	1.12	*		1390	2.5	0.565	*	0.995-1.005
Penta	PCB-126	*	*	n NotF╗	1.20	*		1390	2.5	0.584	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF╗	0.99	*		1050	2.5	0.453	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF╗	1.02	*		1050	2.5	0.436	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF╗	1.16	*		1050	2.5	0.387	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF╗	1.13	*		1050	2.5	0.396	*	1.054-1.064
Hexa	PCB-136	2.18e+05	1.27	y 39:28	1.02	3.075		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF╗	0.77	*		1050	2.5	0.578	*	1.066-1.076
Hexa	PCB-154	4.34e+04	1.27	y 40:05	0.88	0.7160		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	2.75e+05	1.09	y 40:42	0.75	5.274		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	1.90e+05	1.28	y 40:56	0.86	3.185		*	2.5	*	1.108	1.101-1.113
Hexa	PCB-144	3.48e+04	1.07	y 41:03	0.77	0.6557		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	6.02e+04	1.12	y 41:10	0.80	1.080		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	8.07e+05	1.23	y 41:25	0.88	13.24		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	*	*	n NotF╗	0.77	*		1050	2.5	0.581	*	1.120-1.132
Hexa	PCB-134/143	1.15e+05	1.34	y 42:04	0.76	1.870		*	2.5	*	0.975	0.970-0.980

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Date: 4/12/18

Client ID: OWS-THIS-T171115120714 Filename: 180409E3 S:3 Acq:10-APR-18 22:11:43 ConCal: ST180409E3-1
Lab ID: 1701755-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	7.47e+04	1.20	y 42:21	0.82	1.134		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		1080	2.5	0.540	*	0.981-0.991
Hexa	PCB-146/165	2.51e+05	1.36	y 42:44	1.02	3.044		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	3.78e+05	1.32	y 43:00	1.00	4.666		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	1.16e+06	1.29	y 43:09	1.08	13.39		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		1080	2.5	0.354	*	1.000-1.010
Hexa	PCB-141	1.66e+05	1.24	y 43:53	1.02	2.408		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	8.01e+04	1.09	y 44:16	1.10	1.077		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	8.30e+04	1.22	y 44:22	0.81	1.526		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	1.62e+06	1.24	y 44:44	1.23	18.18		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	1.90e+05	1.11	y 44:57	1.18	2.229		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	4.88e+04	1.62	n 45:12	0.78	0.8645		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		1080	2.5	0.323	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		1080	2.5	0.315	*	0.995-1.005
Hexa	PCB-128/162	2.45e+05	1.09	y 46:16	0.89	3.135		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	7.25e+04	1.17	y 46:42	1.02	0.7969		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-156	1.71e+05	1.32	y 47:58	1.06	1.849		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	5.32e+04	1.08	y 48:14	1.02	0.6058		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		1080	2.5	0.331	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		806	2.5	0.175	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		806	2.5	0.183	*	1.006-1.016
Hepta	PCB-179	1.36e+05	1.08	y 44:00	1.38	1.590		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	3.68e+04	1.55	n 44:29	1.31	0.4533		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		806	2.5	0.169	*	1.049-1.059
Hepta	PCB-178	9.62e+04	0.82	n 45:34	0.97	1.601		*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		806	2.5	0.241	*	1.069-1.079
Hepta	PCB-182/187	3.11e+05	0.95	y 46:03	1.14	4.401		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.03e+05	0.90	y 46:24	1.13	1.470		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	2.67e+04	1.18	y 47:04	1.36	0.4124		*	2.5	*	0.956	0.950-0.960
Hepta	PCB-174	1.93e+05	1.00	y 47:24	1.42	2.846		*	2.5	*	0.962	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		806	2.5	0.213	*	0.960-0.970
Hepta	PCB-177	1.31e+05	1.08	y 47:41	1.33	2.067		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	5.25e+04	1.42	n 47:59	1.37	0.8007		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		806	2.5	0.248	*	0.978-0.988
Hepta	PCB-172	5.88e+04	1.02	y 48:52	1.39	0.8864		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		806	2.5	0.174	*	0.991-1.001
Hepta	PCB-180	3.37e+05	1.07	y 49:15	1.52	4.642		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/12/18

Client ID: OWS-THIS-T171115120714 Filename: 180409E3 S:3 Acq:10-APR-18 22:11:43 ConCal: ST180409E3-1
Lab ID: 1701755-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF╗	1.71	*		806	2.5	0.184	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	1.74	*		806	2.5	0.181	*	1.005-1.015
Hepta	PCB-170	1.82e+05	1.08	y 50:51	1.44	3.004		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	7.75e+04	0.99	y 51:02	1.95	0.9411		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	2.99e+04	1.10	y 52:28	1.46	0.3660		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	4.77e+04	1.00	y 48:12	1.06	0.6483		*	2.5	*	1.001	0.995-1.005
Octa	PCB-201	*	*	n NotF╗	0.98	*		1080	2.5	0.388	*	1.006-1.016
Octa	PCB-204	*	*	n NotF╗	1.07	*		1080	2.5	0.355	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.10	*		1080	2.5	0.346	*	1.015-1.025
Octa	PCB-200	*	*	n NotF╗	1.04	*		1080	2.5	0.365	*	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.84	*		1080	2.5	0.452	*	1.065-1.075
Octa	PCB-199	1.31e+05	0.97	y 51:36	0.80	2.354		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	1.09e+05	0.94	y 51:54	0.84	1.873		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	4.27e+04	0.98	y 53:09	1.04	0.8832		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.03e+05	0.93	y 54:01	1.16	1.917		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.33	*		2620	1.0	0.286	*	1.000-1.010
Nona	PCB-208	4.37e+04	1.28	y 53:18	0.90	0.6846		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n NotF╗	0.89	*		831	2.5	0.219	*	1.001-1.011
Nona	PCB-206	5.69e+04	1.00	n 55:36	0.88	1.192		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	4.35e+04	1.49	n 56:55	1.04	0.7193		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/12/18

Client ID: OWS-THIS-T171115120714 Filename: 180409E3 S:3 Acq:10-APR-18 22:11:43 ConCal: ST180409E3-1
Lab ID: 1701755-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.015 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	5.56e+06	3.07	y	16:00	1.06	69.6815	
Total Di-PCB	7.68e+07	1.57	y	19:58	1.04	1178.68	
Total Tri-PCB	4.49e+07	1.05	y	24:07	1.15	546.187	
Total Tri-PCB	1.86e+07	1.09	y	28:23	1.05	194.372	Sum:740.559
Total Tetra-PCB	5.21e+07	0.76	y	27:53	1.06	632.808	
Total Penta-PCB	1.41e+07	1.65	y	33:50	1.18	193.068	
Total Penta-PCB	7.59e+05	1.63	y	42:58	1.12	9.93254	Sum:203.001
Total Hexa-PCB	1.63e+06	1.27	y	39:28	0.91	27.2247	
Total Hexa-PCB	4.66e+06	1.34	y	42:04	1.00	55.9142	Sum:83.1389
Total Hepta-PCB	1.59e+06	1.08	y	44:00	1.35	22.6251	
Total Octa-PCB	2.88e+05	1.00	y	48:12	0.95	4.87572	
Total Octa-PCB	1.46e+05	0.98	y	53:09	1.17	2.79967	Sum:7.67539
Total Nona-PCB	4.37e+04	1.28	y	53:18	0.89	0.684587	
Total Deca-PCB	4.35e+04	1.49	n	56:55	1.04	0.719311	

Total PCB Conc:2957.26871800

Integrations by Analyst: DB

Date: 4/12/18

Client ID: OWS-THIS-T171115120714 Filename: 180409E3 S:3 Acq:10-APR-18 22:11:43 ConCal: ST180409E3-1
Lab ID: 1701755-02 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0151 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.45e+08	3.12 y	1.13	15:59	0.619	0.616	0.622	1140	57.8
13C-PCB-3	1.55e+08	3.18 y	1.21	18:36	0.720	0.716	0.724	1130	57.4
13C-PCB-4	9.99e+07	1.55 y	0.59	19:57	0.772	0.769	0.777	1490	75.5
13C-PCB-9	1.63e+08	1.52 y	0.94	21:44	0.841	0.837	0.845	1530	77.6
13C-PCB-11	1.72e+08	1.52 y	0.95	25:08	0.973	0.968	0.978	1610	81.6
13C-PCB-19	1.20e+08	1.03 y	0.62	24:06	0.933	0.928	0.938	1710	86.7
13C-PCB-28	1.74e+08	1.07 y	1.05	29:00	1.004	0.999	1.009	1660	84.1
13C-PCB-32	1.79e+08	1.08 y	0.91	27:02	1.046	1.041	1.051	1740	88.4
13C-PCB-37	1.67e+08	1.04 y	1.02	32:52	1.138	1.132	1.144	1630	82.7
13C-PCB-47	1.57e+08	0.78 y	0.83	31:55	0.870	0.867	0.875	1720	87.2
13C-PCB-52	1.42e+08	0.79 y	0.76	31:25	0.857	0.853	0.861	1700	86.4
13C-PCB-54	1.70e+08	0.79 y	0.93	27:51	0.760	0.756	0.764	1670	85.0
13C-PCB-70	1.80e+08	0.79 y	1.00	35:26	0.966	0.961	0.971	1650	83.6
13C-PCB-77	1.90e+08	0.80 y	0.96	39:33	1.079	1.073	1.083	1810	92.1
13C-PCB-80	1.85e+08	0.80 y	1.00	35:51	0.978	0.973	0.983	1700	86.2
13C-PCB-81	1.98e+08	0.78 y	1.01	38:56	1.062	1.057	1.067	1800	91.2
13C-PCB-95	1.09e+08	1.61 y	0.80	35:43	0.912	0.908	0.918	1620	82.2
13C-PCB-97	1.06e+08	1.61 y	0.70	38:43	0.989	0.984	0.994	1800	91.6
13C-PCB-101	1.18e+08	1.59 y	0.80	37:25	0.956	0.951	0.961	1760	89.4
13C-PCB-104	1.41e+08	1.57 y	1.01	32:33	0.831	0.828	0.836	1670	84.5
13C-PCB-105	1.34e+08	1.57 y	1.14	42:58	0.929	0.924	0.934	1700	86.3
13C-PCB-114	1.34e+08	1.60 y	1.18	42:06	0.910	0.905	0.915	1640	83.2
13C-PCB-118	1.52e+08	1.61 y	1.00	41:27	1.059	1.054	1.064	1820	92.6
13C-PCB-123	1.46e+08	1.62 y	0.95	41:16	1.054	1.049	1.059	1840	93.4
13C-PCB-126	1.33e+08	1.56 y	1.14	45:12	0.977	0.972	0.982	1690	86.0
13C-PCB-127	1.46e+08	1.58 y	1.24	43:19	0.937	0.931	0.941	1700	86.1
13C-PCB-138	1.42e+08	1.27 y	1.17	44:42	0.966	0.962	0.972	1750	89.0
13C-PCB-141	1.33e+08	1.26 y	1.11	43:52	0.948	0.944	0.954	1740	88.2
13C-PCB-153	1.59e+08	1.25 y	1.34	43:08	0.933	0.928	0.938	1720	87.4
13C-PCB-155	1.37e+08	1.28 y	0.83	36:57	0.944	0.939	0.949	1970	100
13C-PCB-156	1.72e+08	1.27 y	1.38	47:57	1.037	1.032	1.042	1800	91.1
13C-PCB-157	1.69e+08	1.25 y	1.37	48:14	1.043	1.037	1.047	1780	90.3
13C-PCB-159	1.72e+08	1.25 y	1.39	46:00	0.995	0.989	0.999	1800	91.2
13C-PCB-167	1.76e+08	1.26 y	1.40	46:40	1.009	1.004	1.014	1820	92.2
13C-PCB-169	1.65e+08	1.24 y	1.39	50:26	1.090	1.085	1.095	1720	87.2
13C-PCB-170	8.31e+07	0.45 y	0.86	50:50	1.103	1.097	1.109	1880	95.3
13C-PCB-180	9.43e+07	0.46 y	0.98	49:15	1.069	1.064	1.074	1870	95.1
13C-PCB-188	1.22e+08	0.45 y	1.40	42:46	0.928	0.923	0.933	1690	86.0
13C-PCB-189	1.11e+08	0.45 y	1.15	52:27	1.138	1.132	1.144	1870	94.8
13C-PCB-194	9.19e+07	0.89 y	0.77	54:01	0.995	0.990	1.000	1770	89.6
13C-PCB-202	1.37e+08	0.91 y	1.28	48:10	1.045	1.040	1.050	2070	105
13C-PCB-206	1.07e+08	0.77 y	0.81	55:35	1.024	1.019	1.029	1950	99.0
13C-PCB-208	1.40e+08	0.78 y	1.09	53:17	0.982	0.977	0.987	1900	96.4
13C-PCB-209	1.14e+08	1.20 y	0.74	56:54	1.048	1.043	1.053	2300	117

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.24e+08	0.79 y	1.03	37:44	1.029	1.024	1.034	1990	101
13C-PCB-178	9.58e+07	0.45 y	0.93	45:33	0.985	0.980	0.990	2000	102

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.24e+08	0.79 y	1.03	37:44	0.969	0.963	0.973	2180	111
13C-PCB-178	9.58e+07	0.45 y	0.95	45:33	0.925	0.920	0.930	2110	107

RS

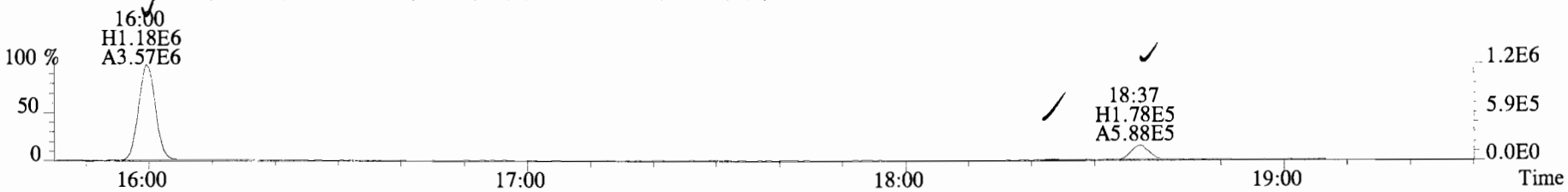
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	2.22e+08	1.53 y	1.00	25:50	1970
13C-PCB-31	1.97e+08	1.06 y	1.00	28:53	1970
13C-PCB-60	2.15e+08	0.78 y	1.00	36:40	1970
13C-PCB-111	1.65e+08	1.61 y	1.00	39:09	1970
13C-PCB-128	1.36e+08	1.26 y	1.00	46:15	1970
13C-PCB-182	1.02e+08	0.45 y	1.00	46:05	1970
13C-PCB-205	1.33e+08	0.91 y	1.00	54:17	1970

Analyst: DB

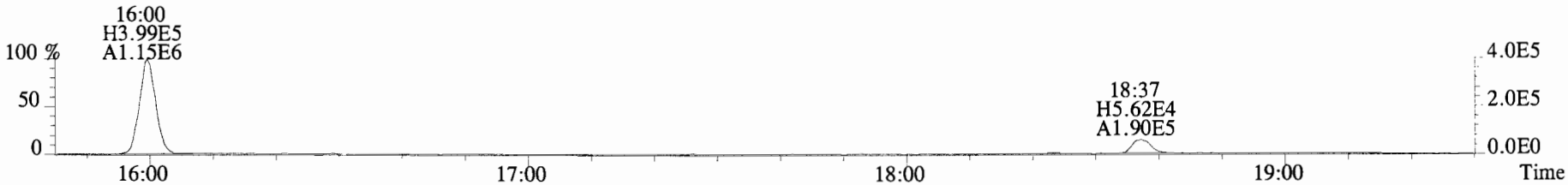
Date: 4/12/18

File:180409E3 #1-867 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1

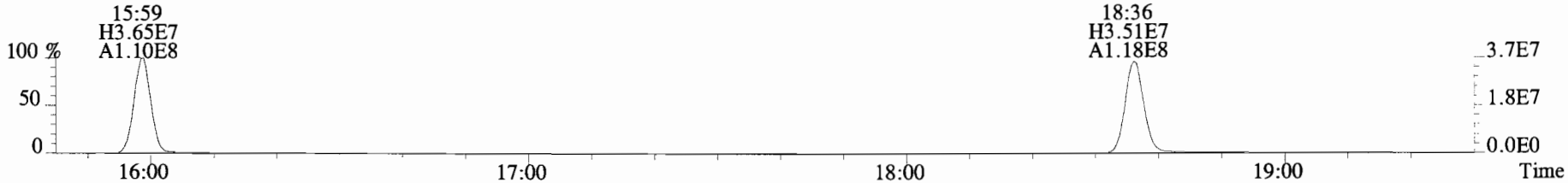
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4412.0,0.00%,F,F)



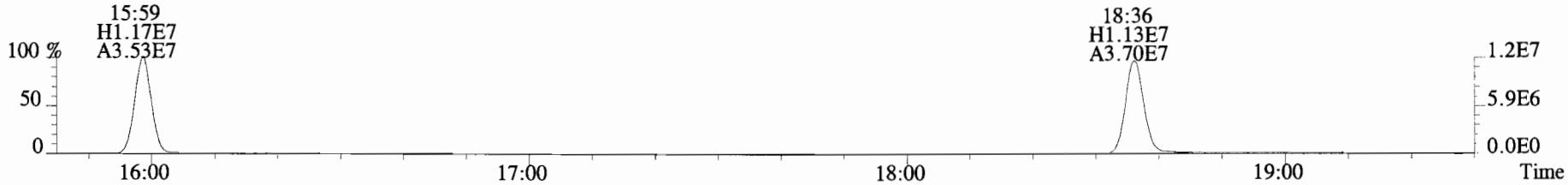
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3228.0,0.00%,F,F)



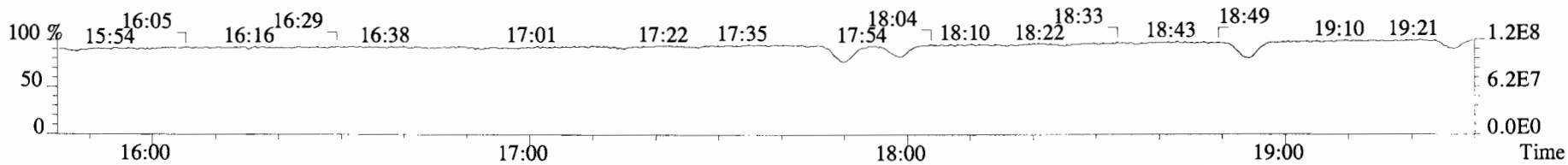
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5644.0,0.00%,F,F)



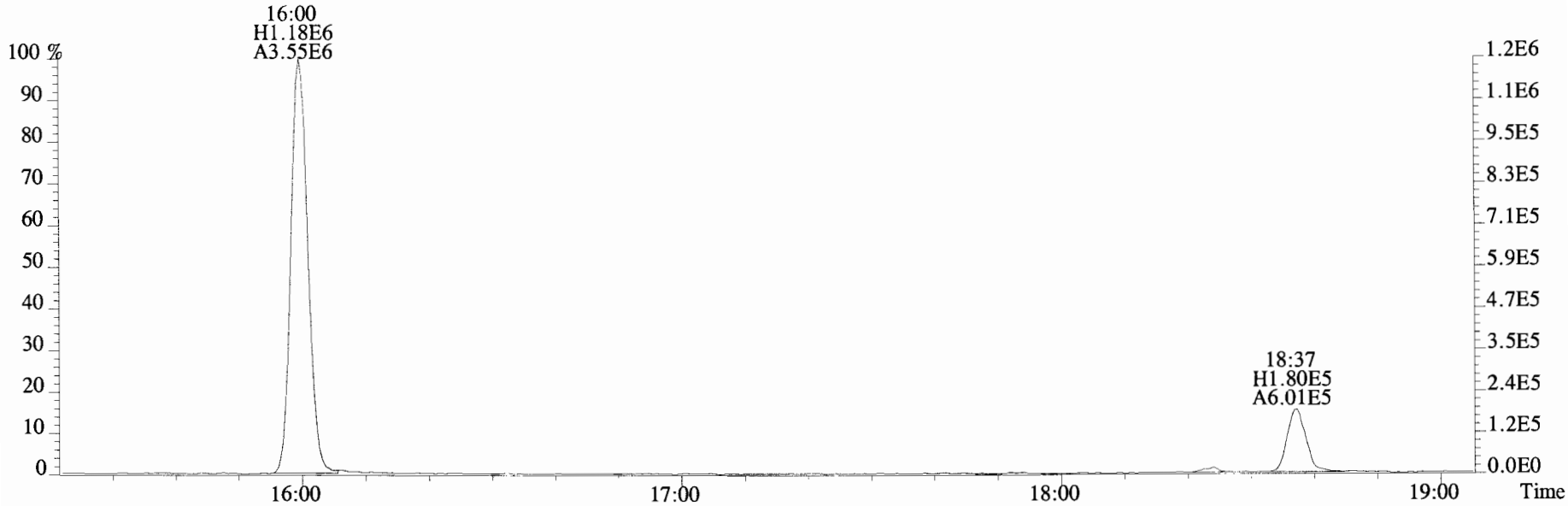
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



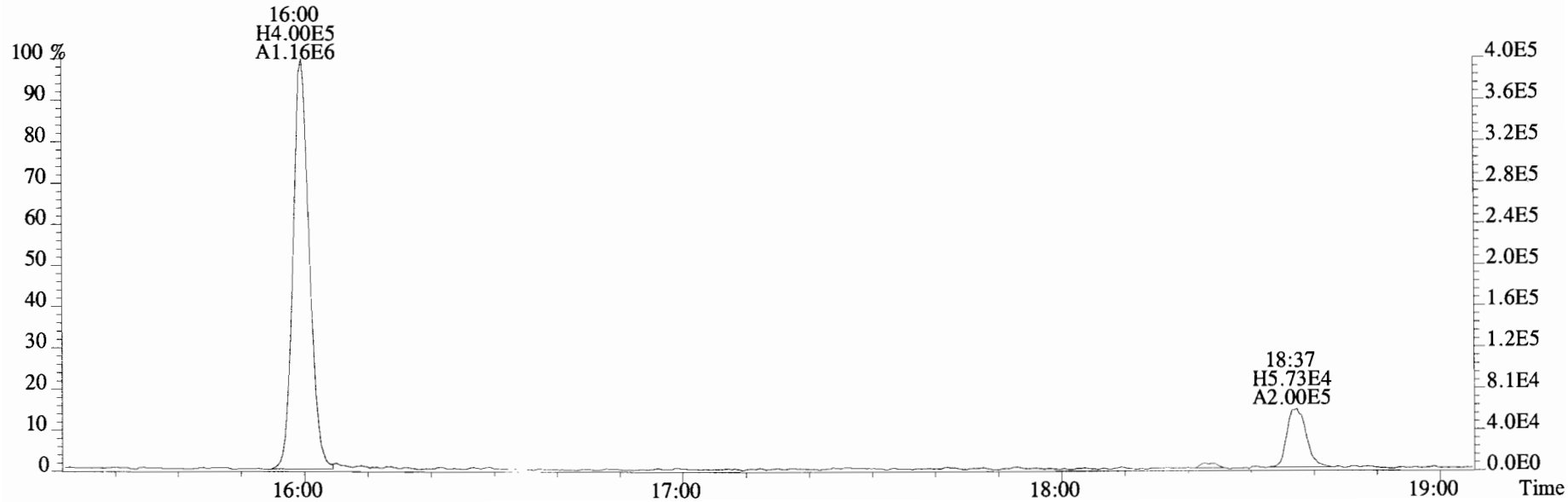
180.9880 S:3



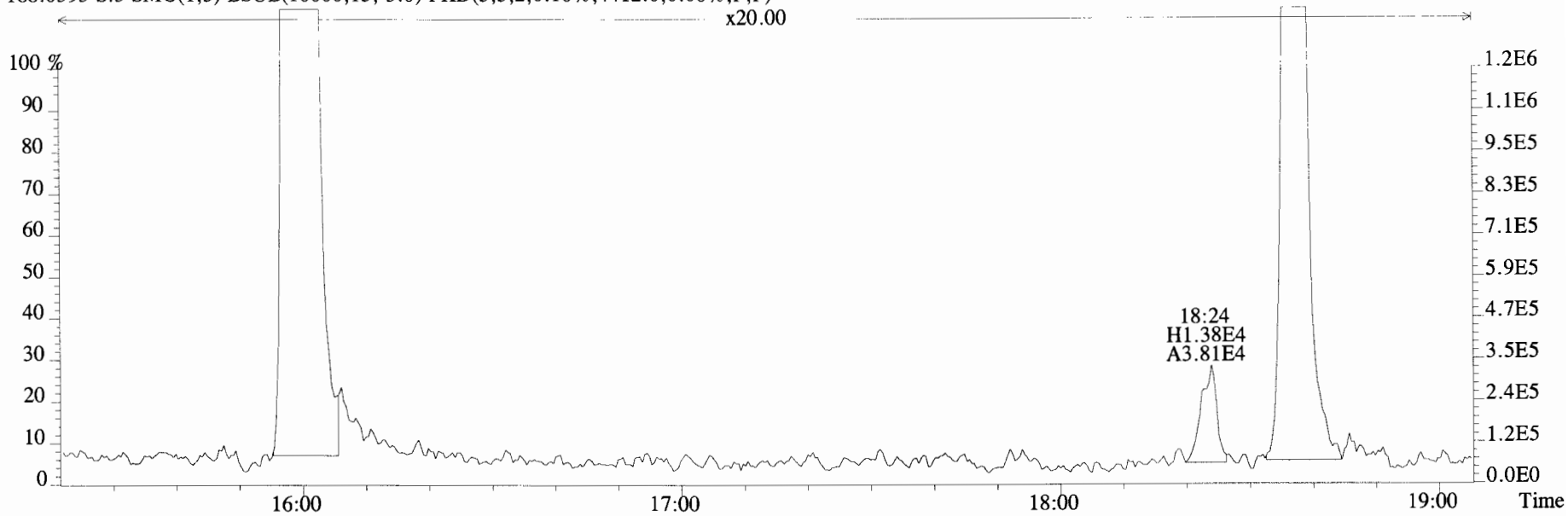
File:180409E3 #1-867 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4412.0,0.00%,F,F)



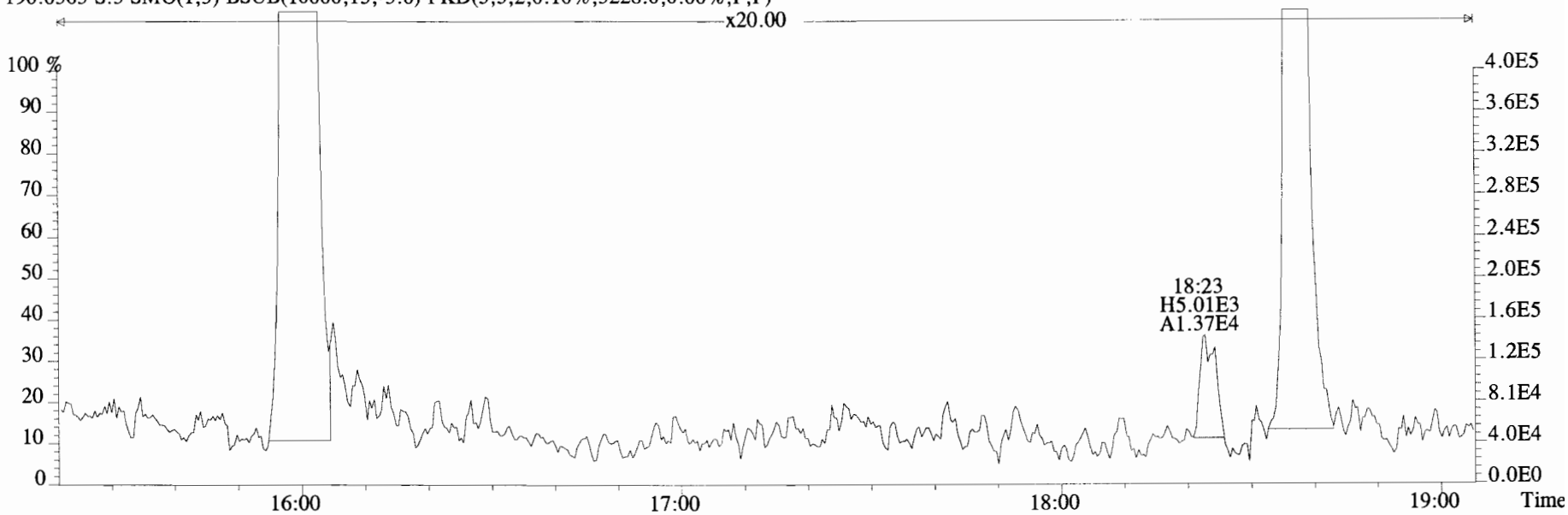
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3228.0,0.00%,F,F)



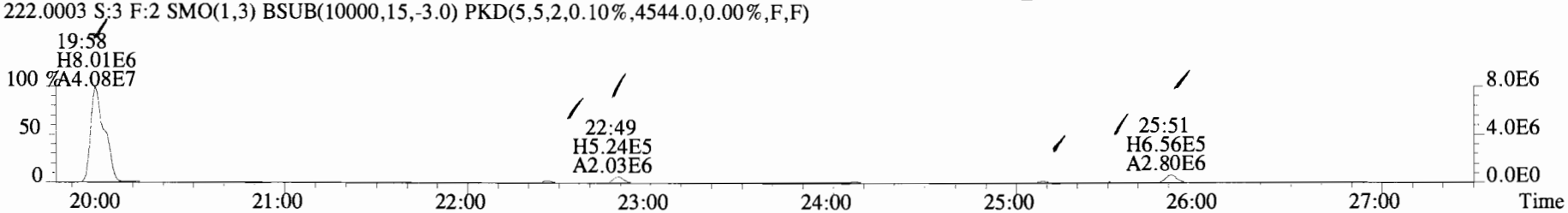
File:180409E3 #1-867 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4412.0,0.00%,F,F)



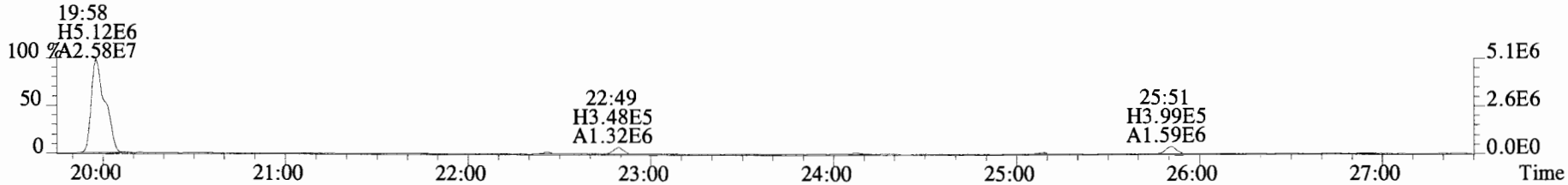
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3228.0,0.00%,F,F)



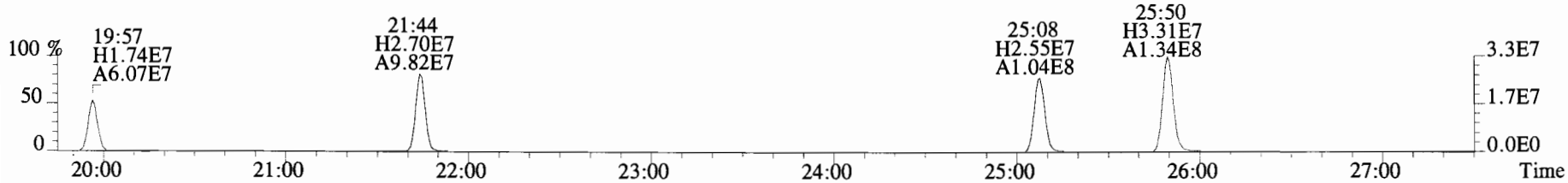
File:180409E3 #1-757 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4544.0,0.00%,F,F)



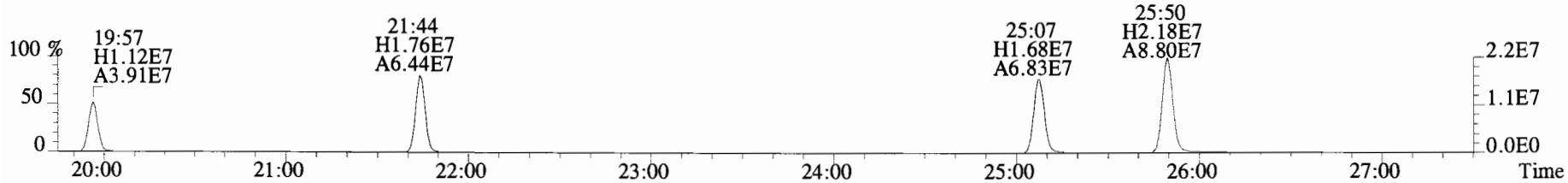
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26480.0,0.00%,F,F)



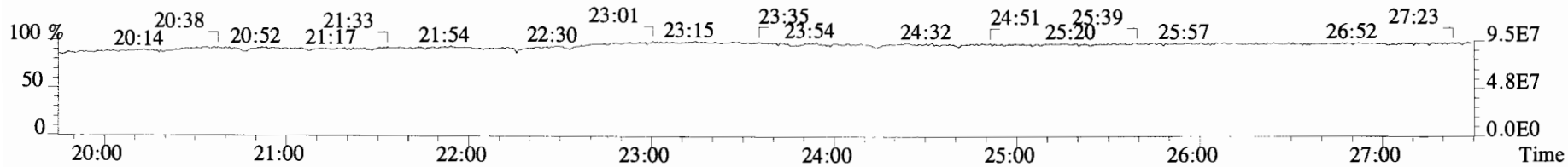
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5876.0,0.00%,F,F)



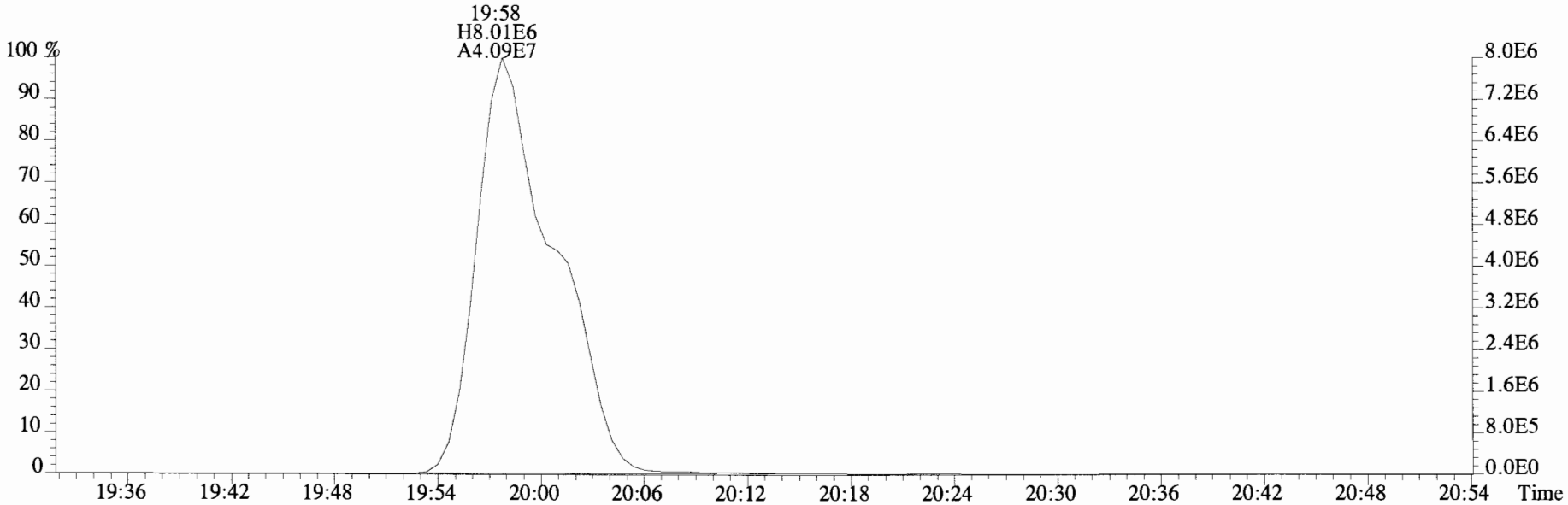
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



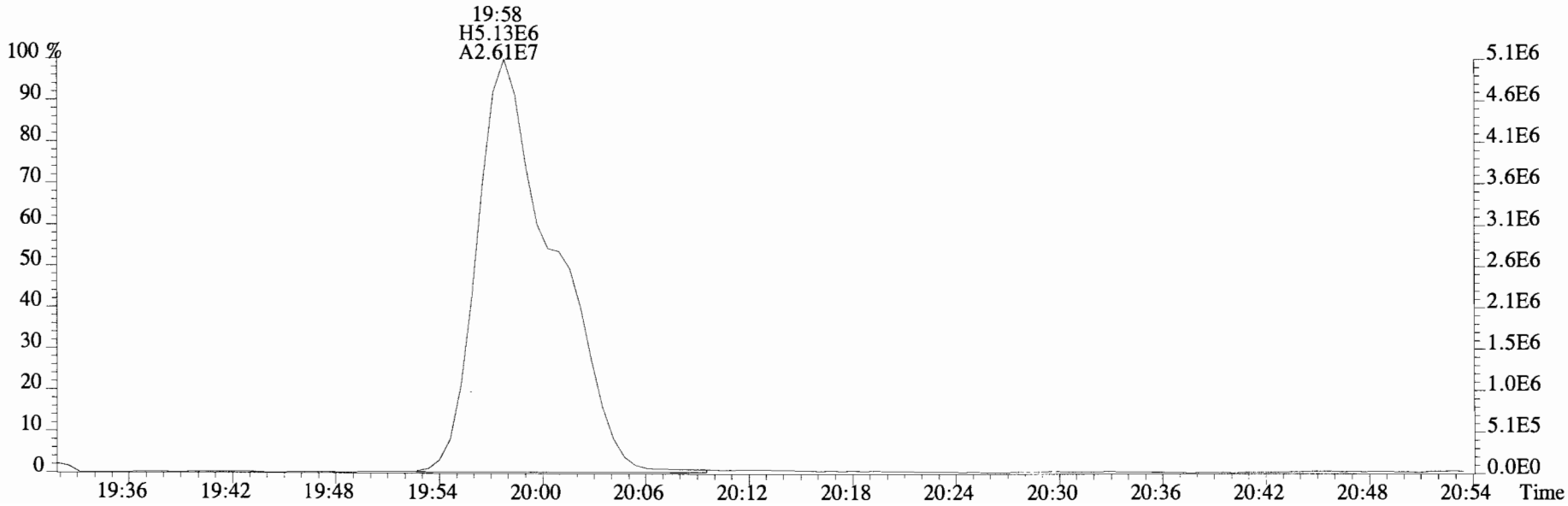
230.9856 S:3 F:2



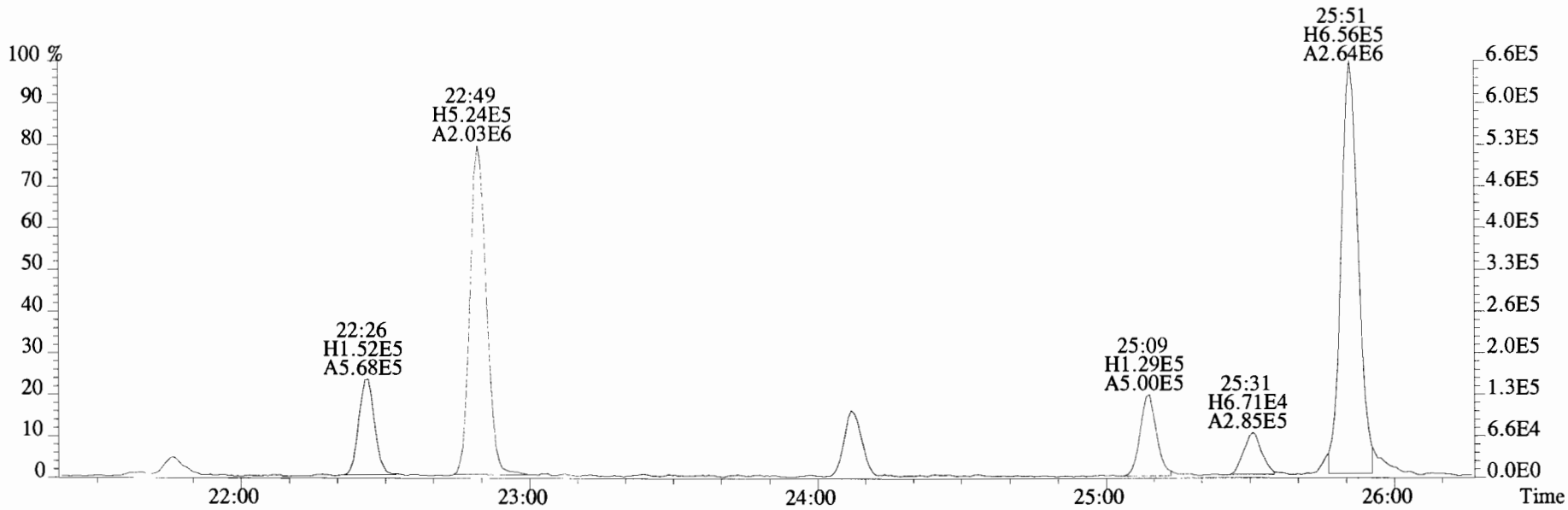
File:180409E3 #1-757 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4544.0,0.00%,F,F)



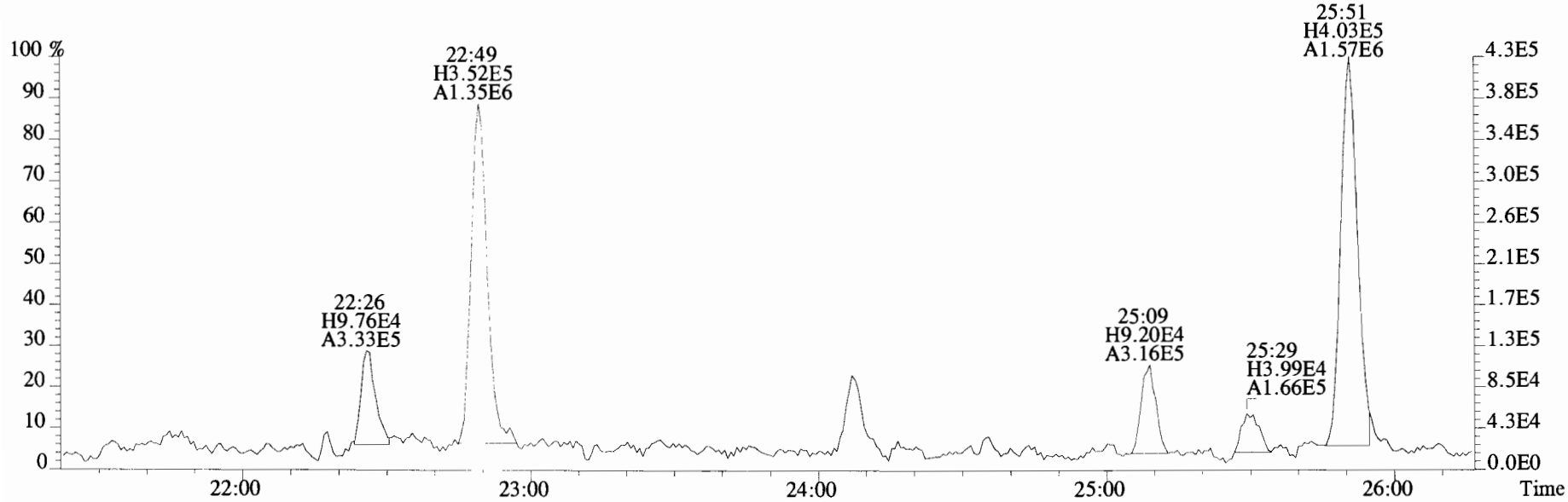
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26480.0,0.00%,F,F)



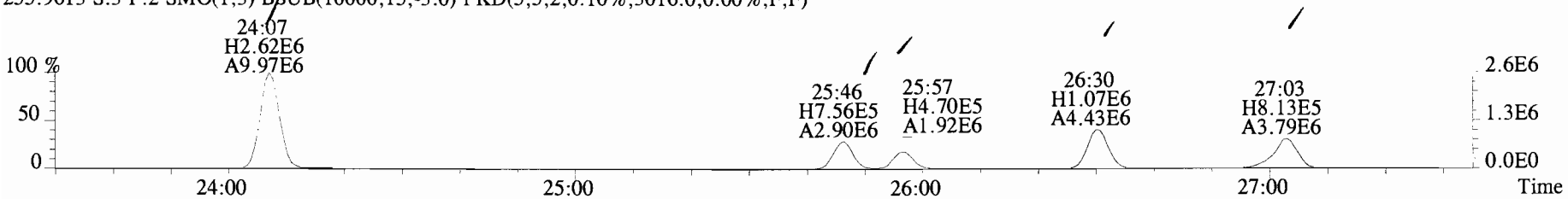
File:180409E3 #1-757 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4544.0,0.00%,F,F)



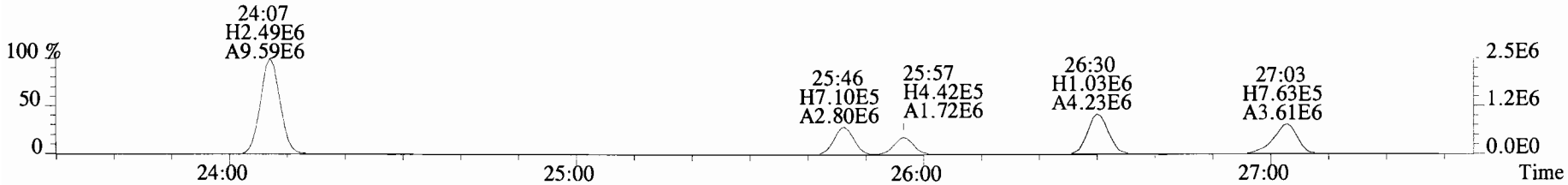
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26480.0,0.00%,F,F)



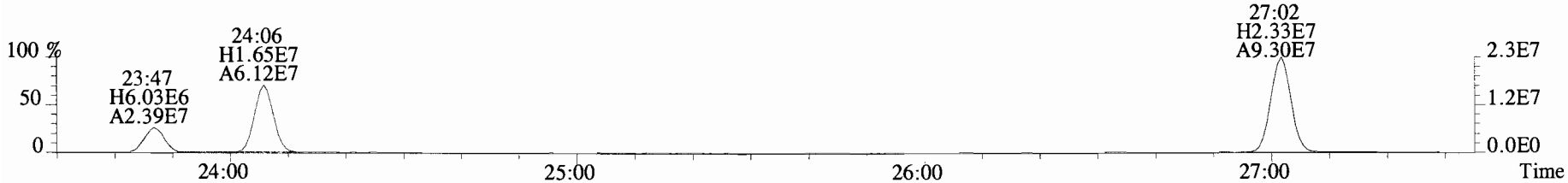
File:180409E3 #1-757 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3016.0,0.00%,F,F)



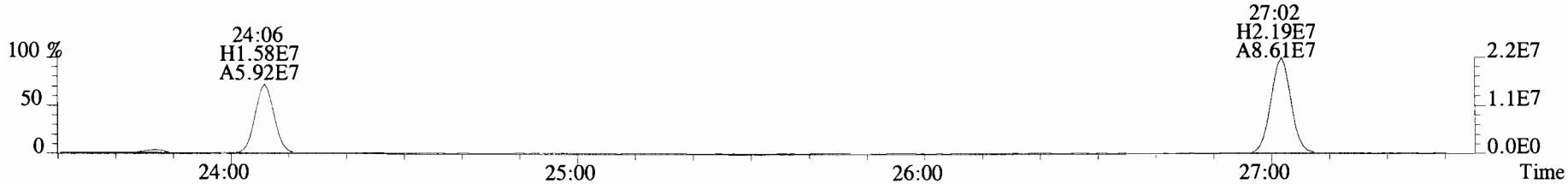
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



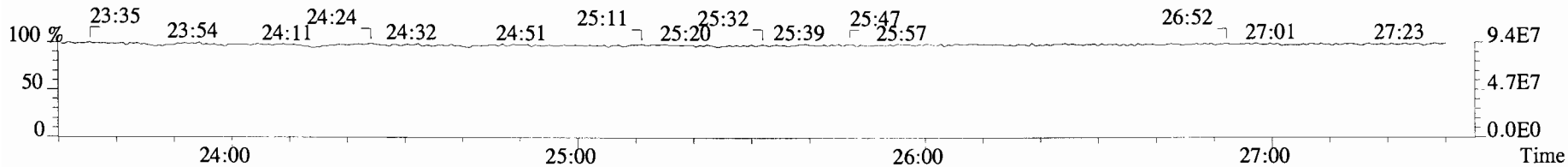
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83152.0,0.00%,F,F)



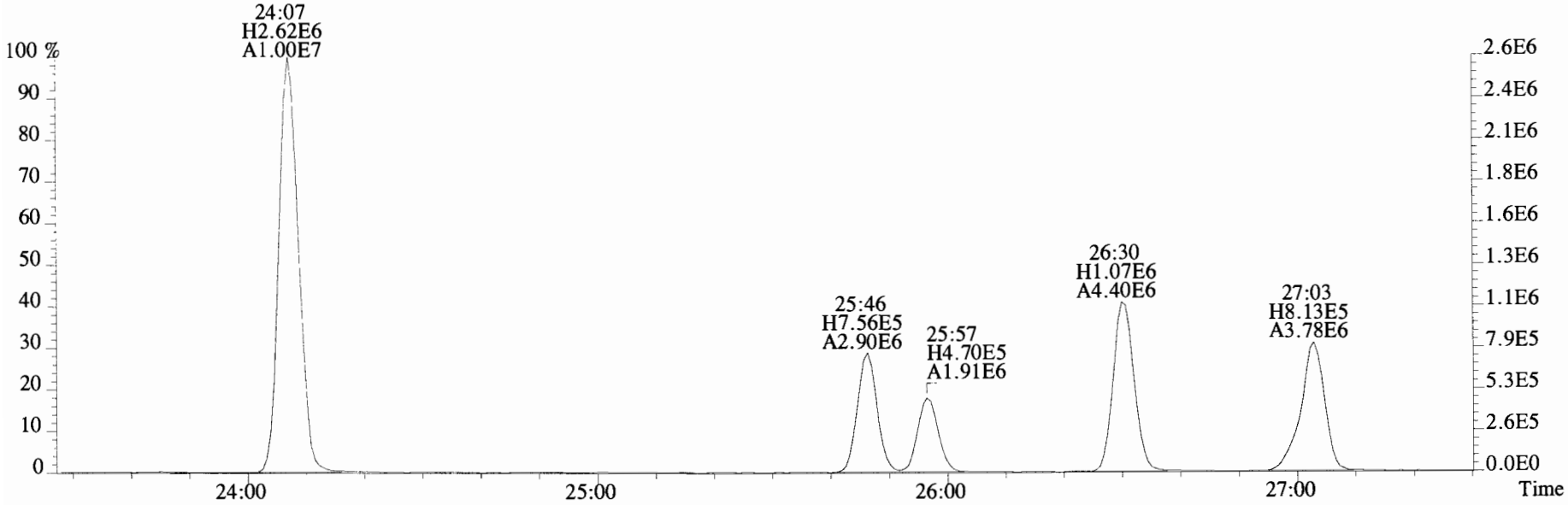
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111032.0,0.00%,F,F)



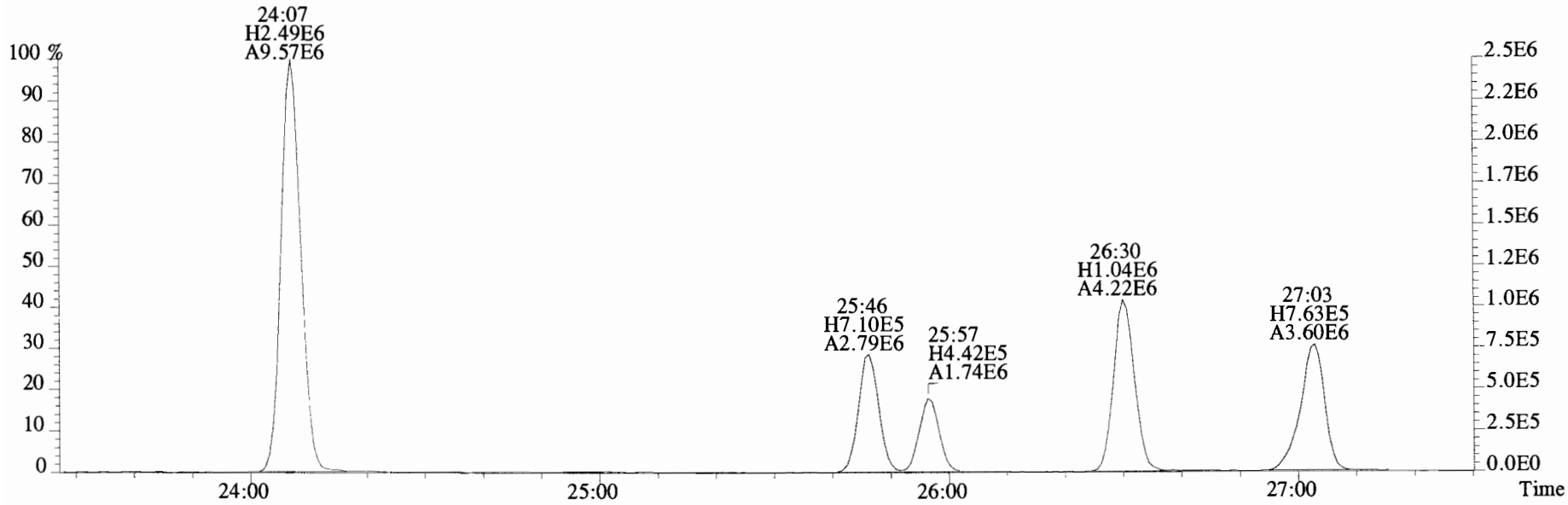
230.9856 S:3 F:2



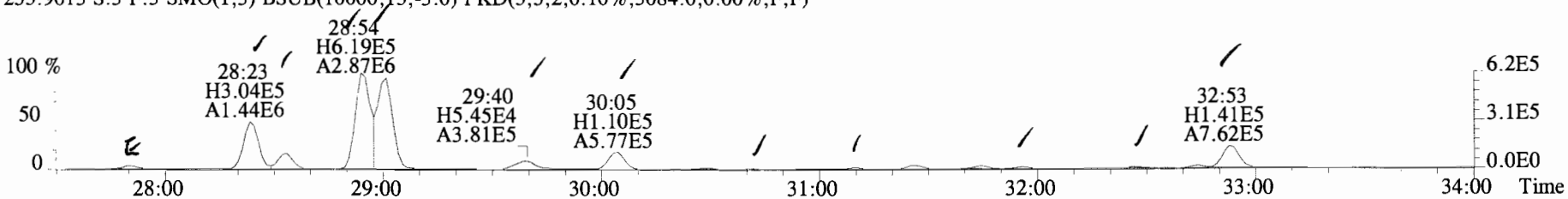
File:180409E3 #1-757 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3016.0,0.00%,F,F)



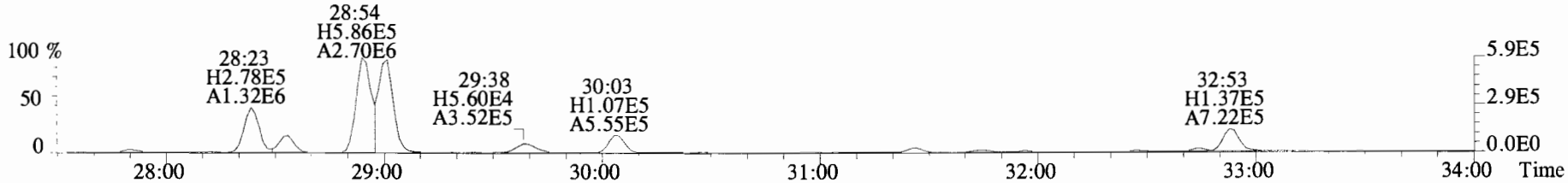
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



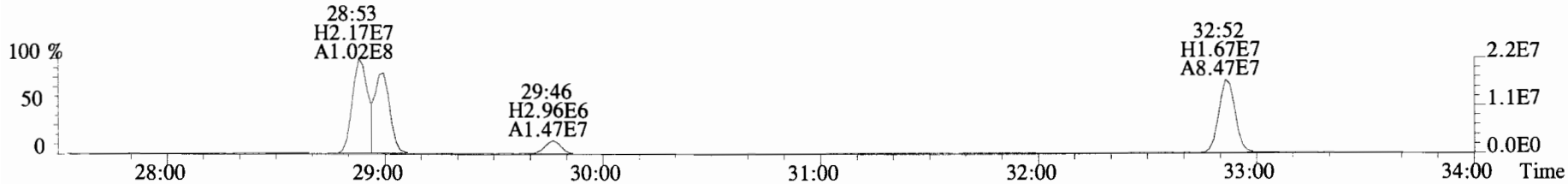
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3084.0,0.00%,F,F)



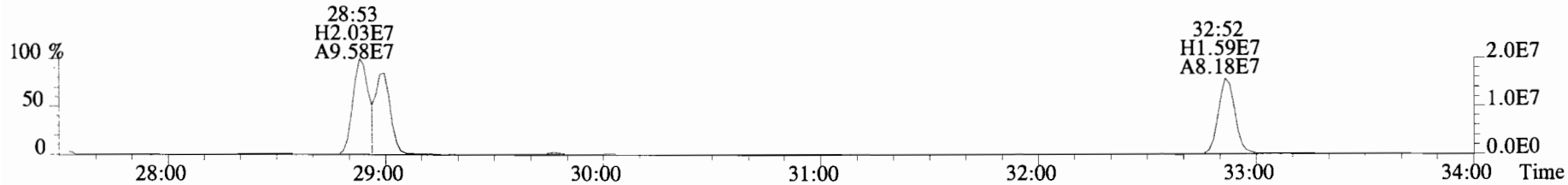
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2464.0,0.00%,F,F)



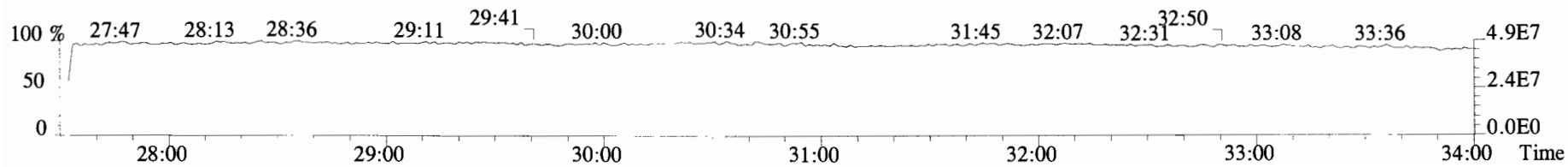
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77736.0,0.00%,F,F)



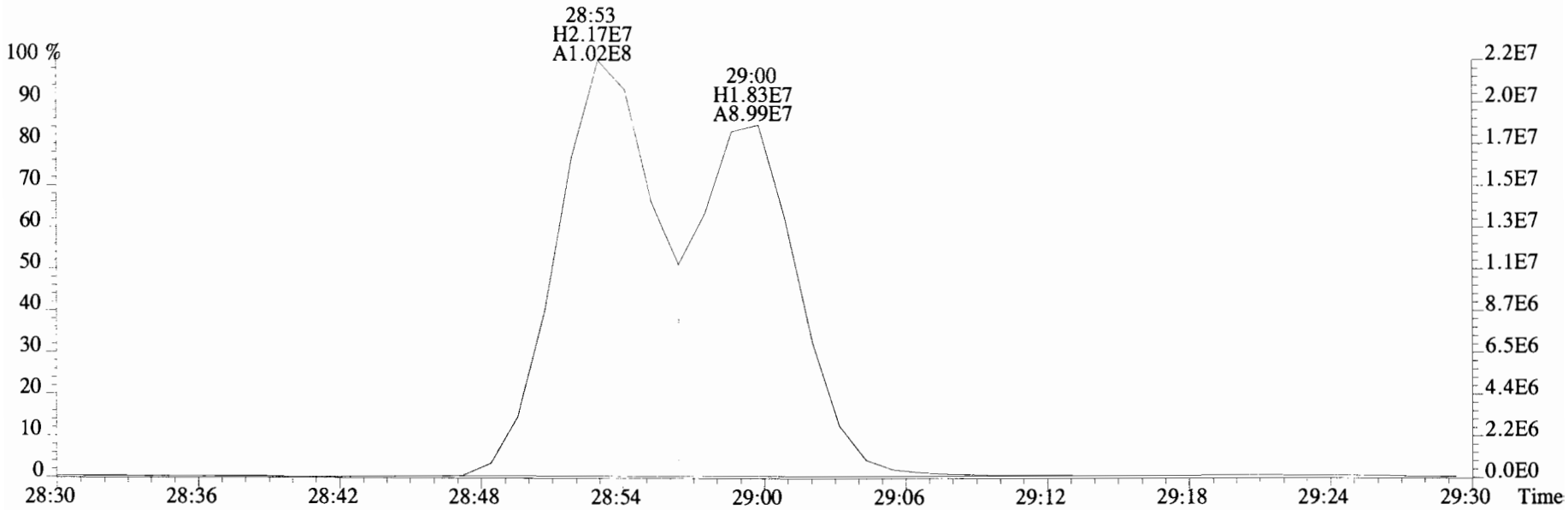
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50864.0,0.00%,F,F)



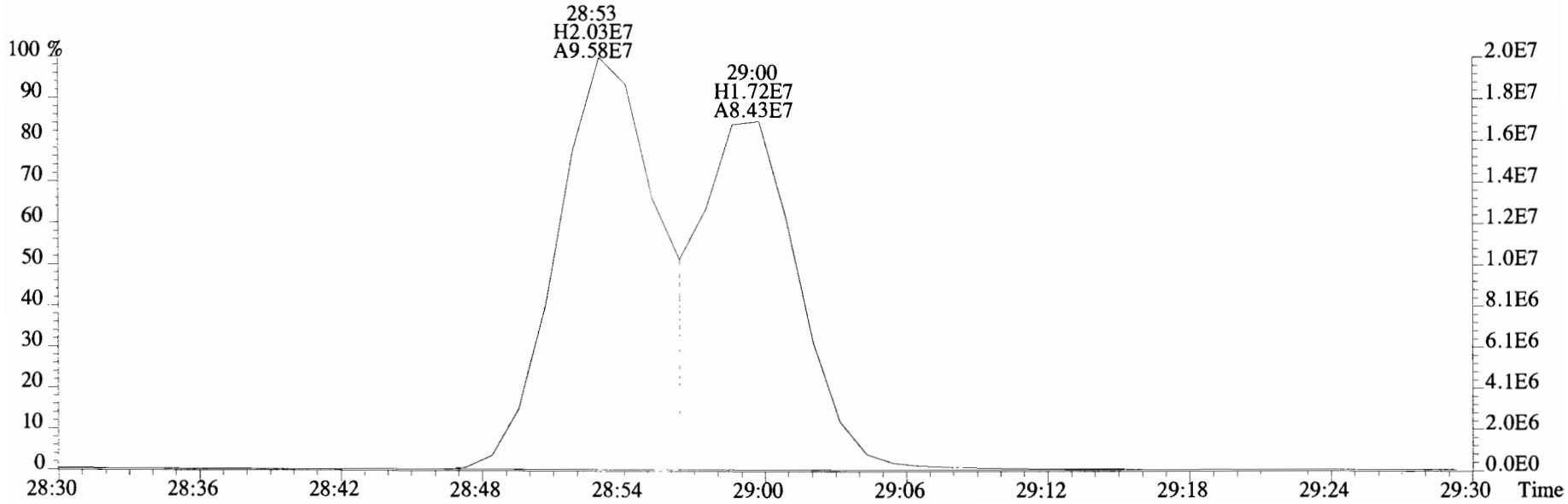
330.9792 S:3 F:3



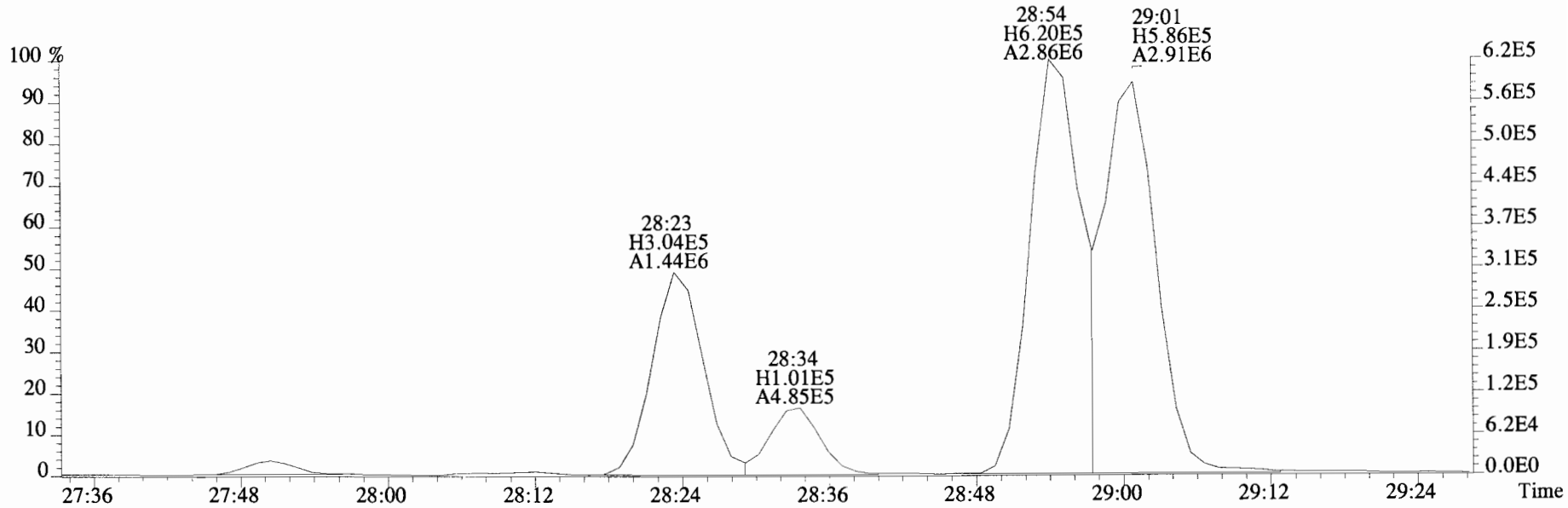
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77736.0,0.00%,F,F)



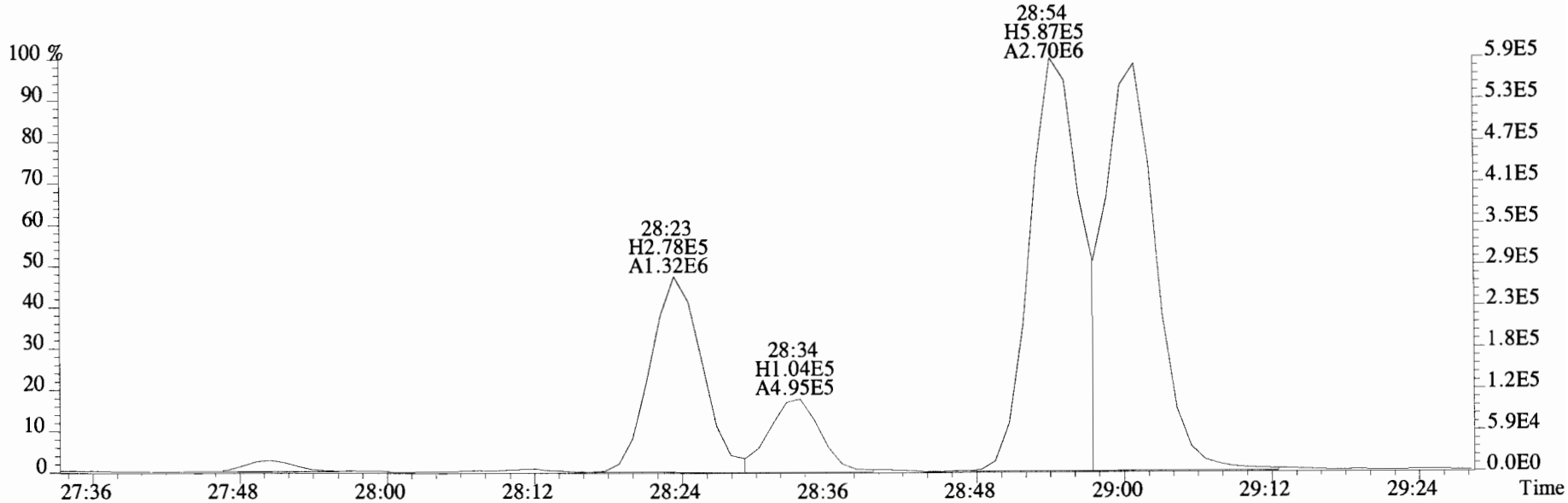
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50864.0,0.00%,F,F)



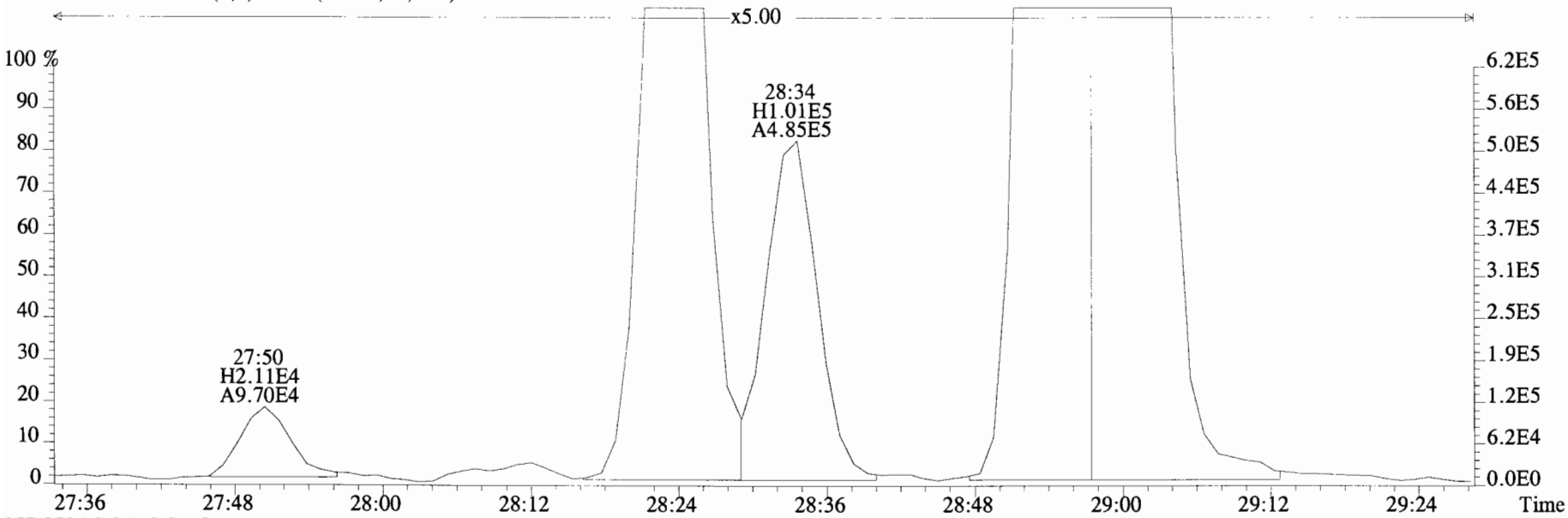
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



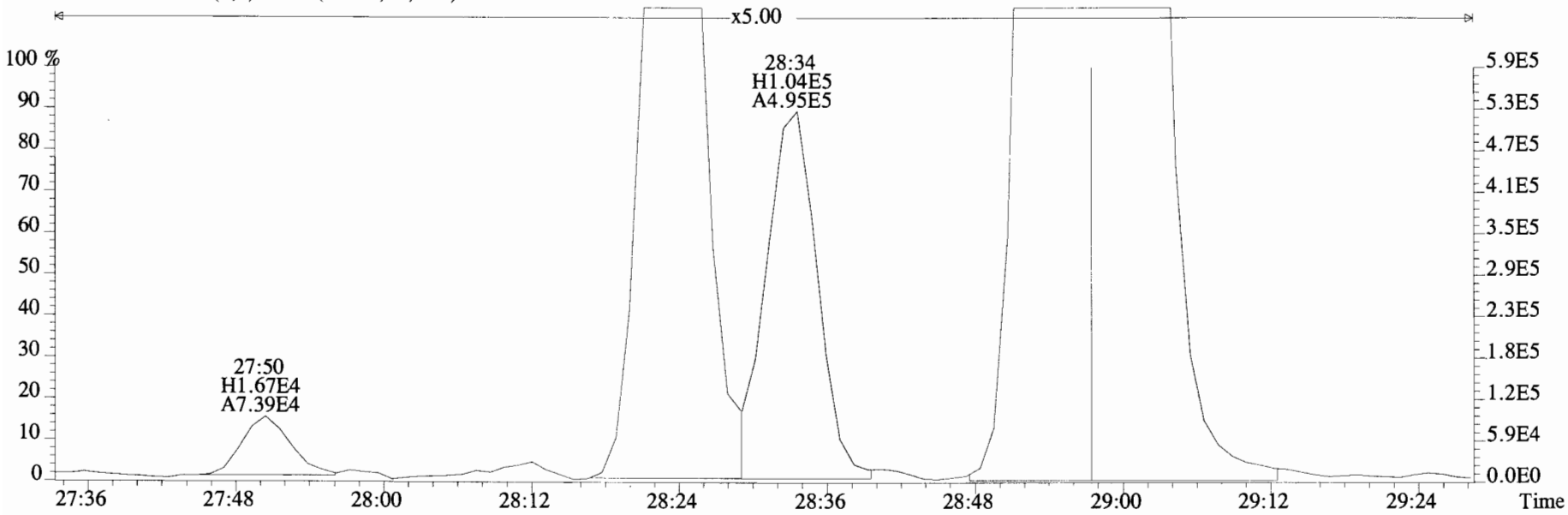
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



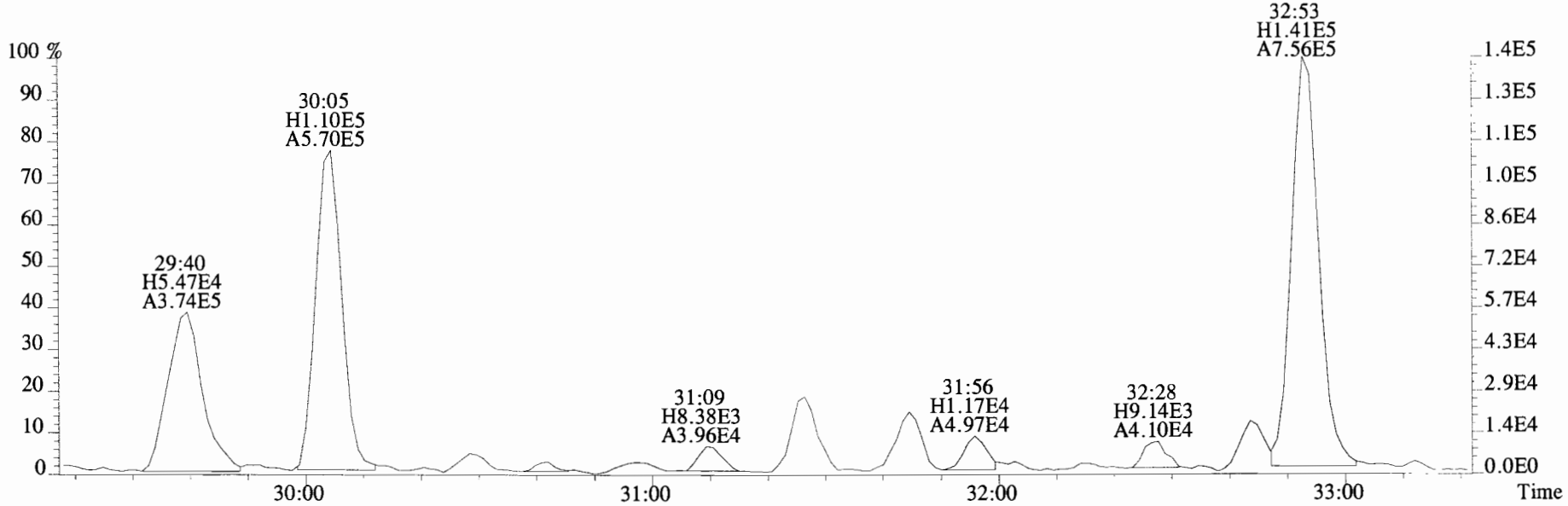
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



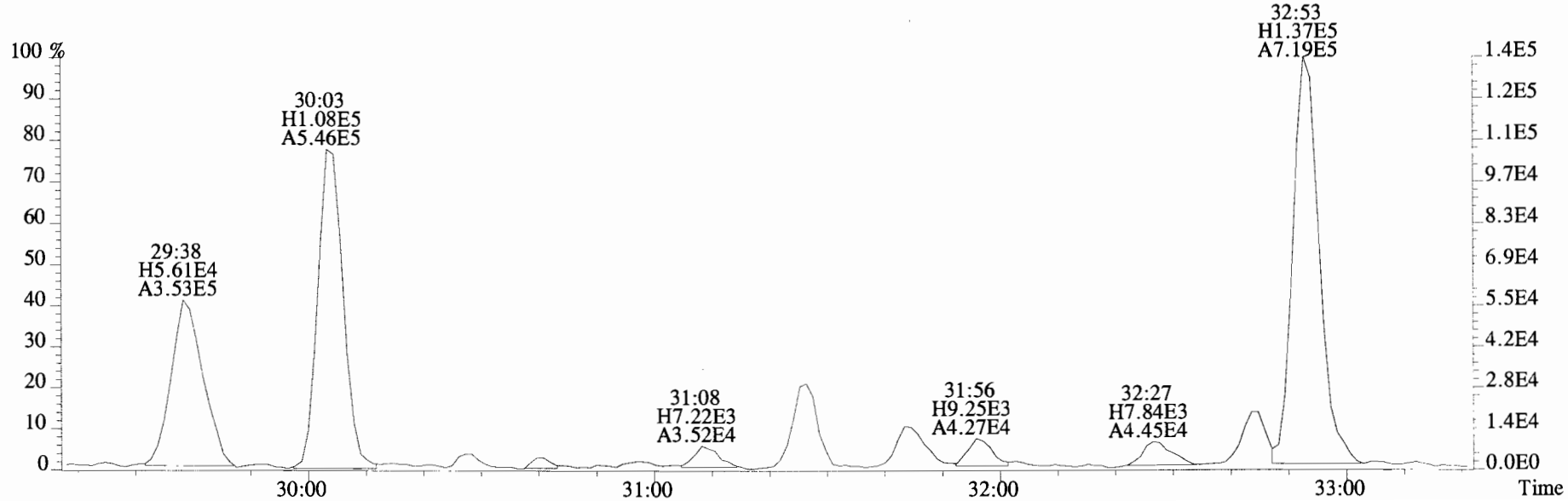
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



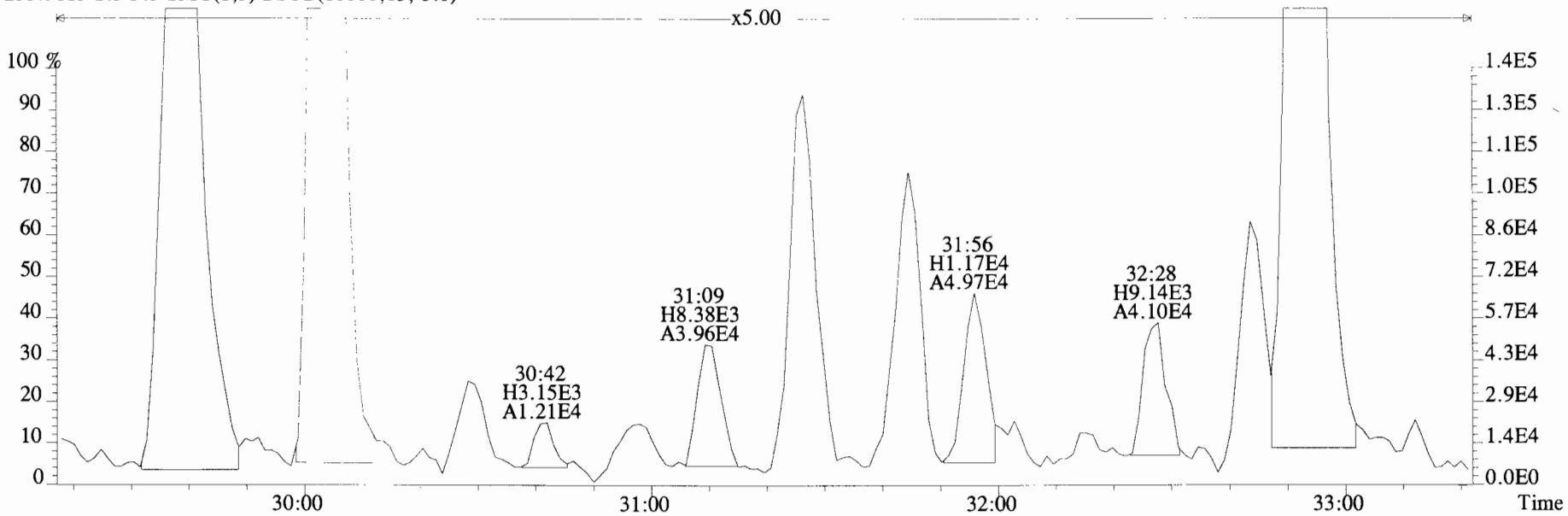
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



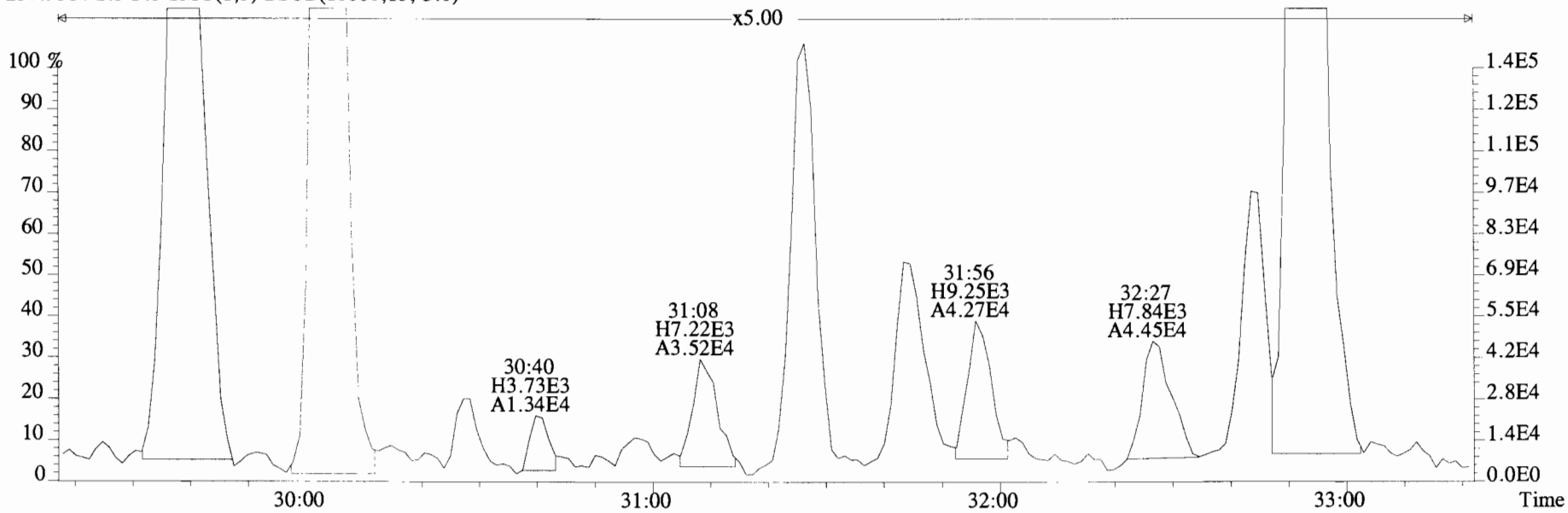
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



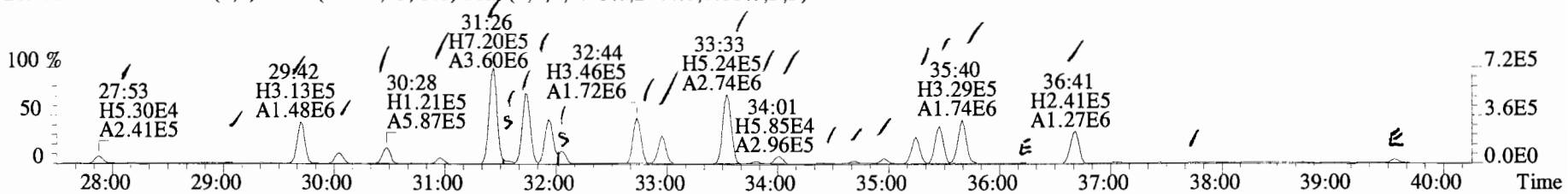
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



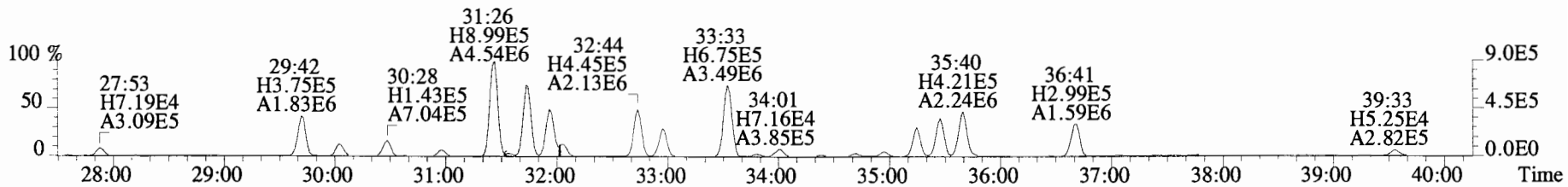
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



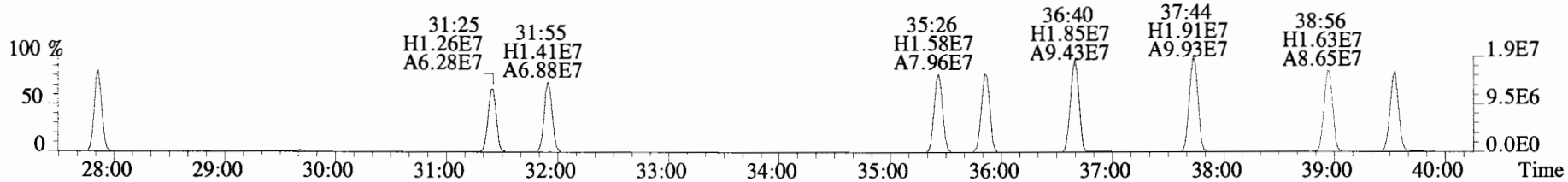
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



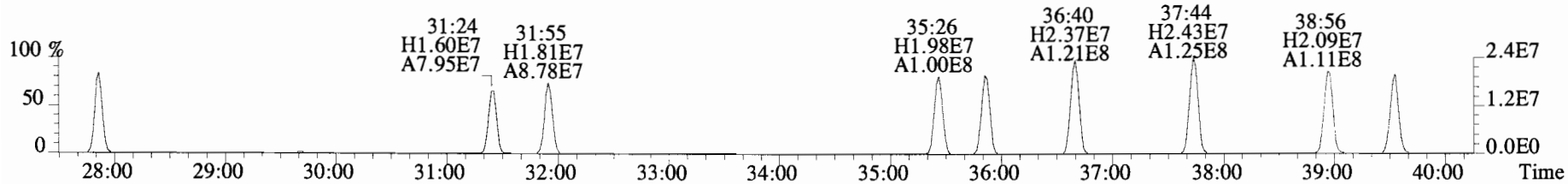
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



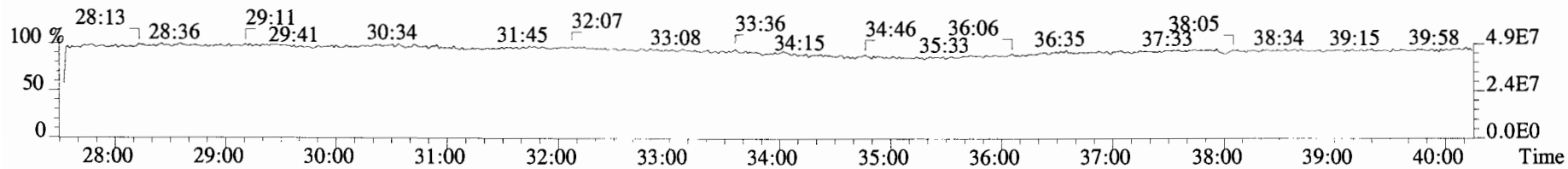
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28416.0,0.00%,F,F)



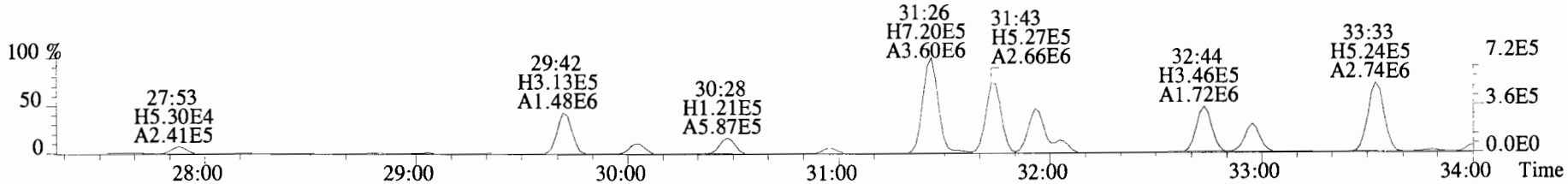
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24172.0,0.00%,F,F)



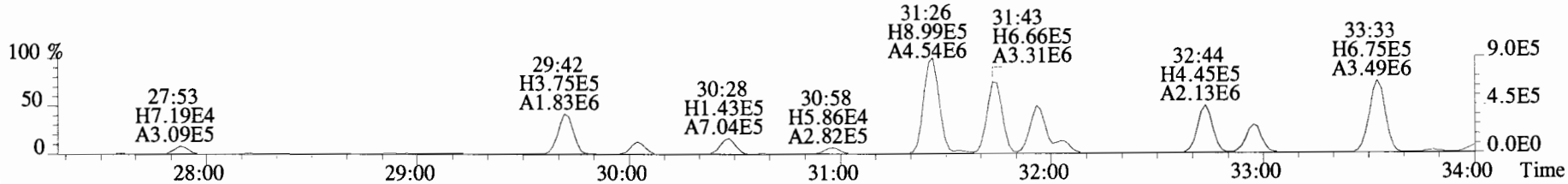
330.9792 S:3 F:3



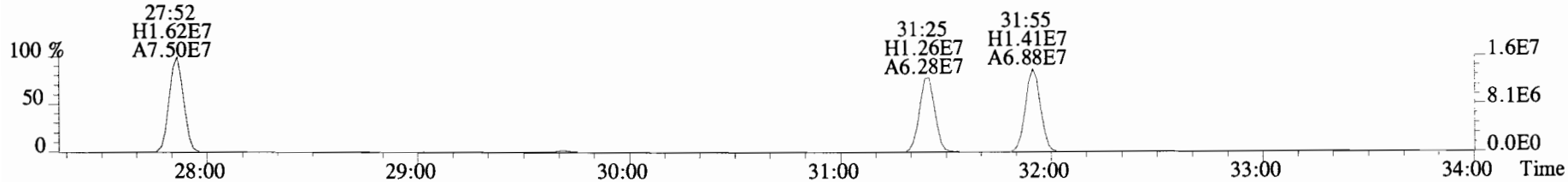
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



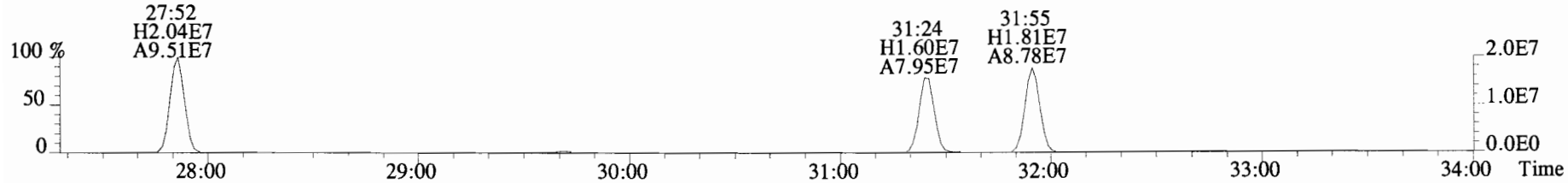
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



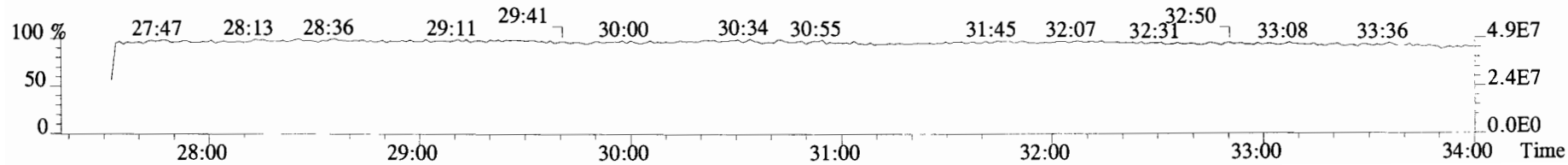
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28416.0,0.00%,F,F)



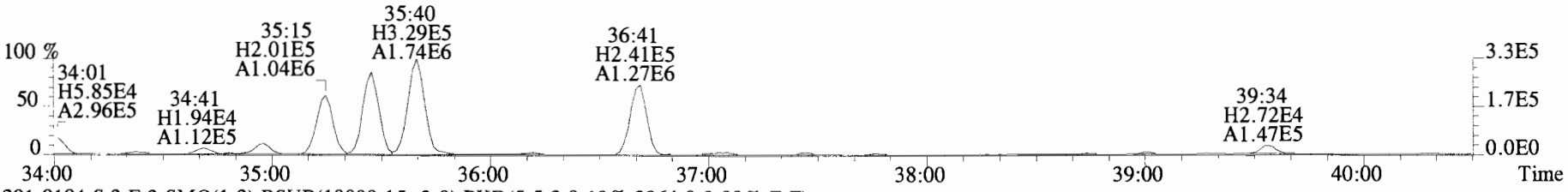
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24172.0,0.00%,F,F)



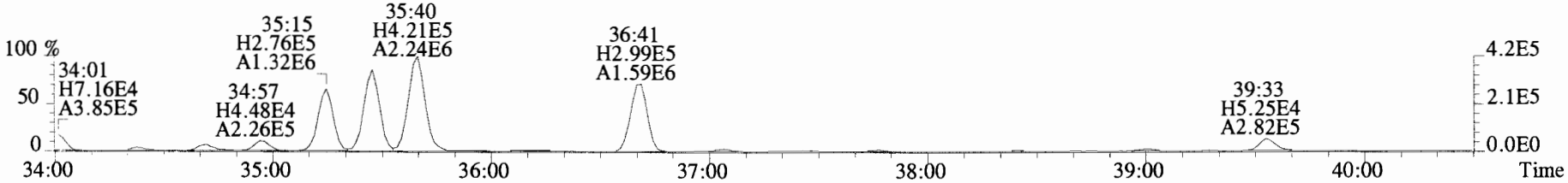
330.9792 S:3 F:3



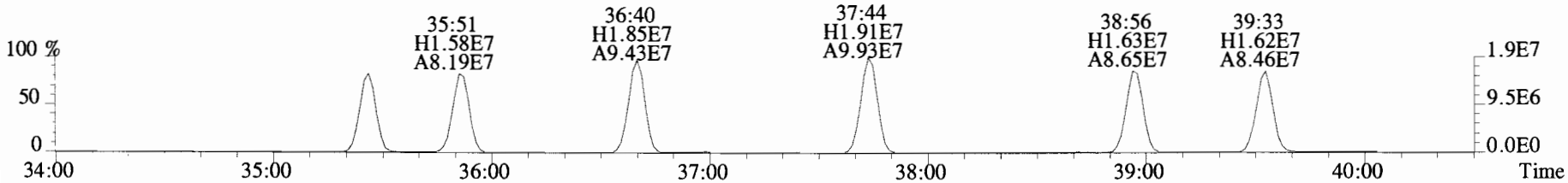
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



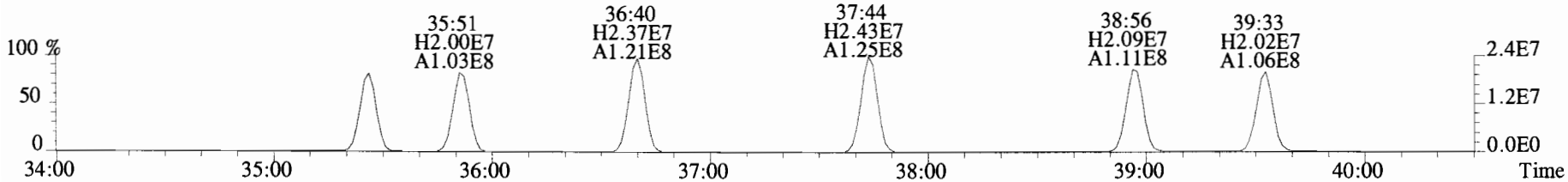
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



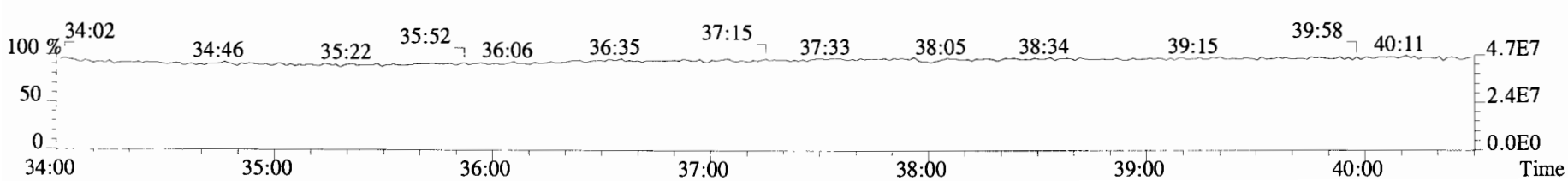
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28416.0,0.00%,F,F)



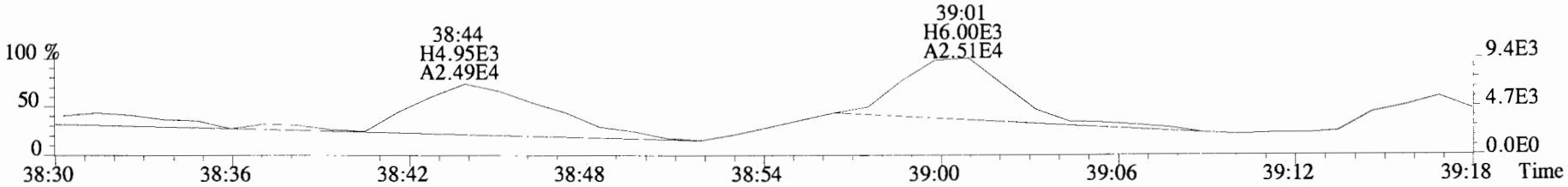
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24172.0,0.00%,F,F)



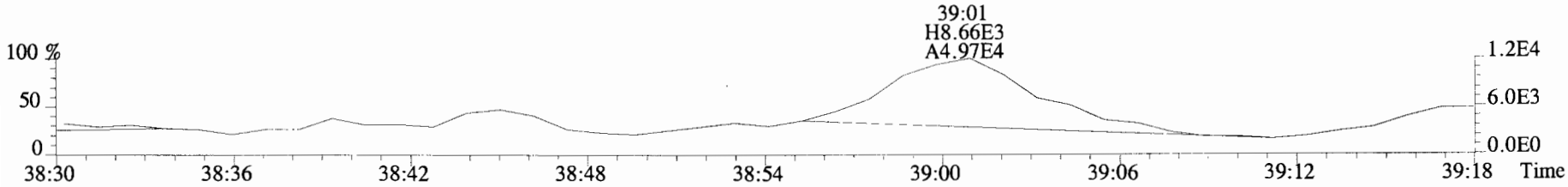
330.9792 S:3 F:3



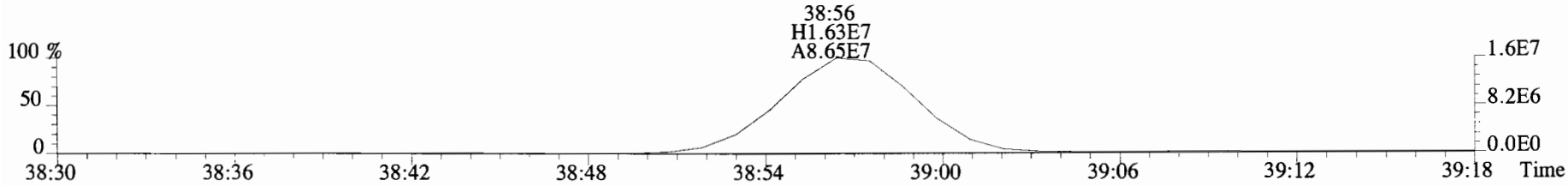
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



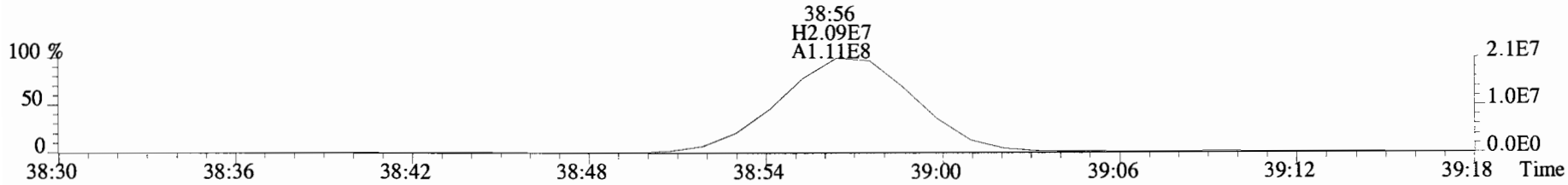
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



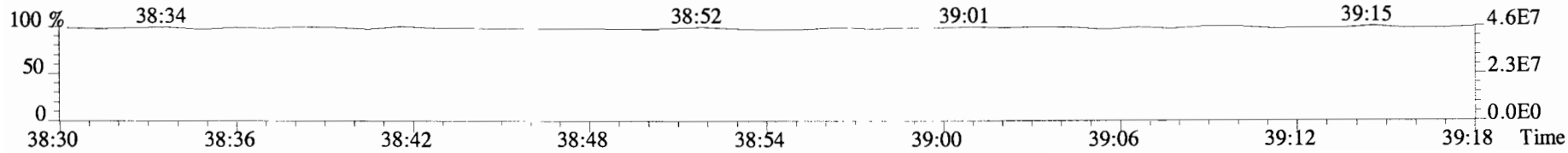
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28416.0,0.00%,F,F)



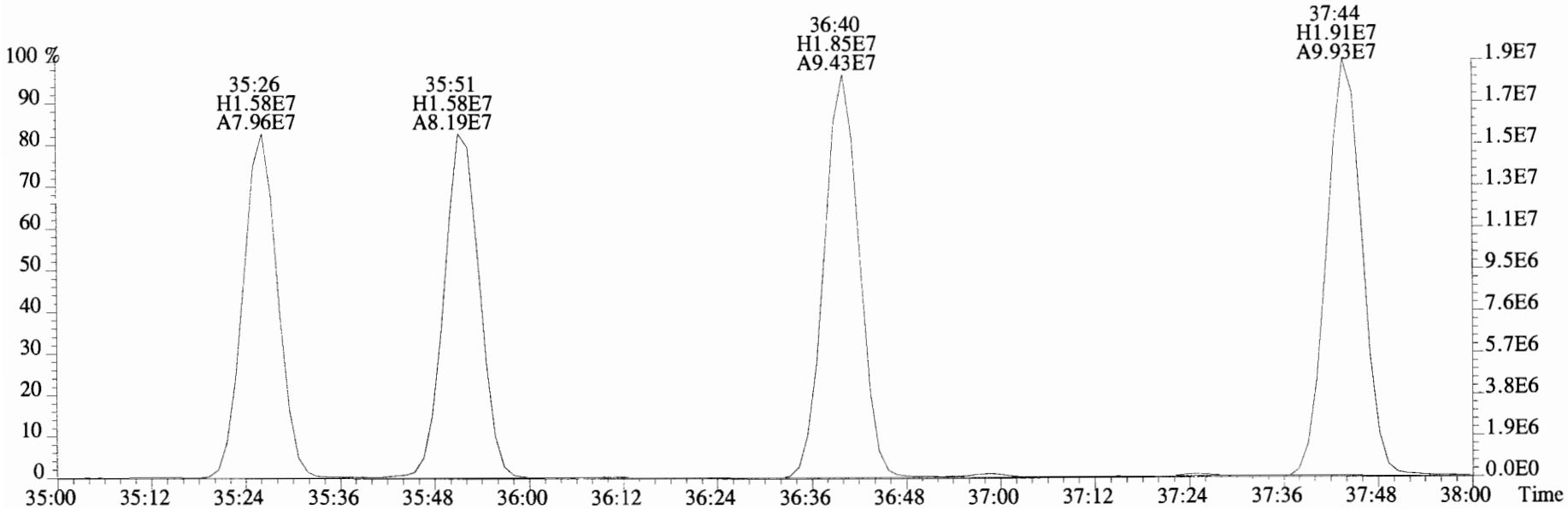
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24172.0,0.00%,F,F)



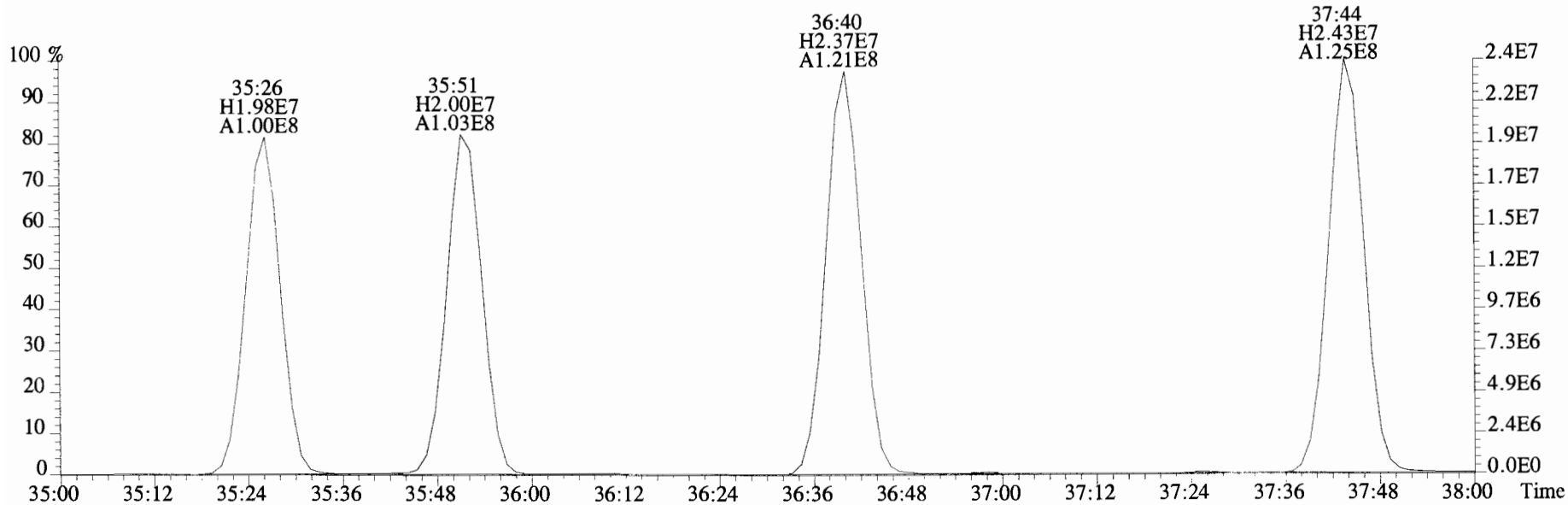
330.9792 S:3 F:3



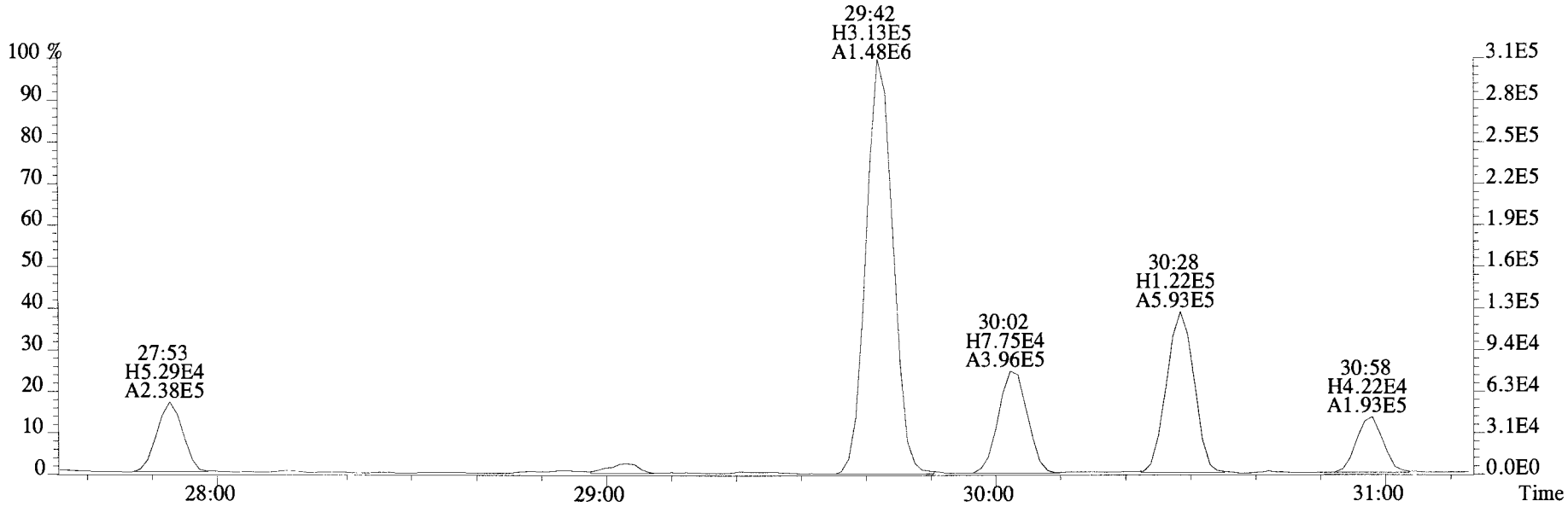
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28416.0,0.00%,F,F)



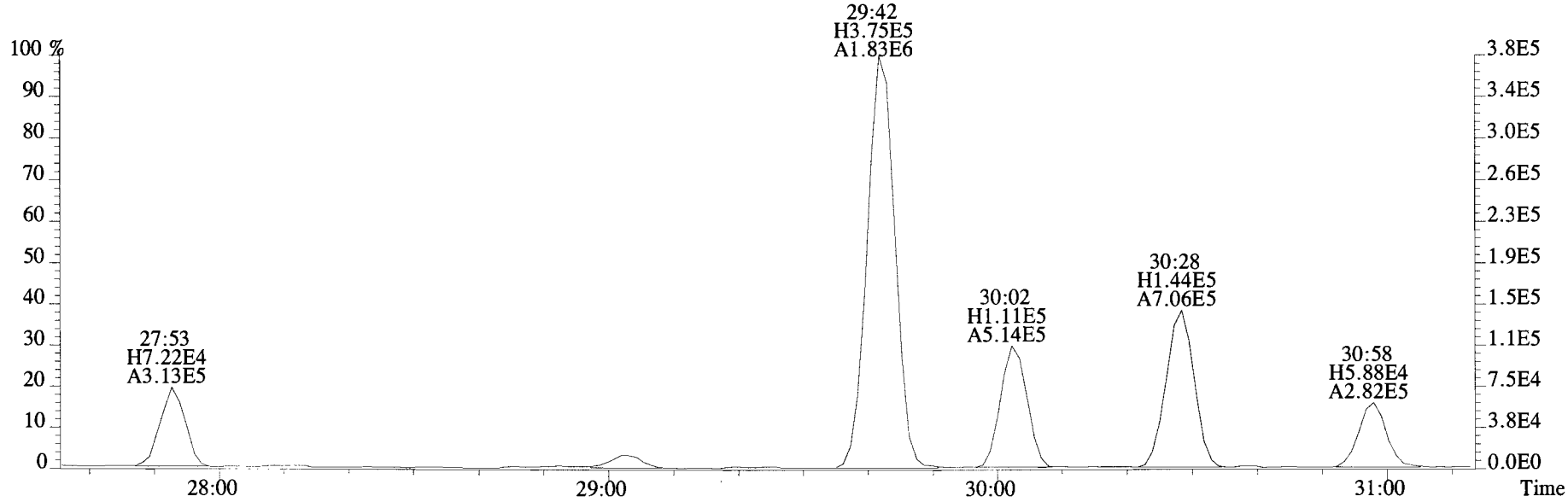
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24172.0,0.00%,F,F)



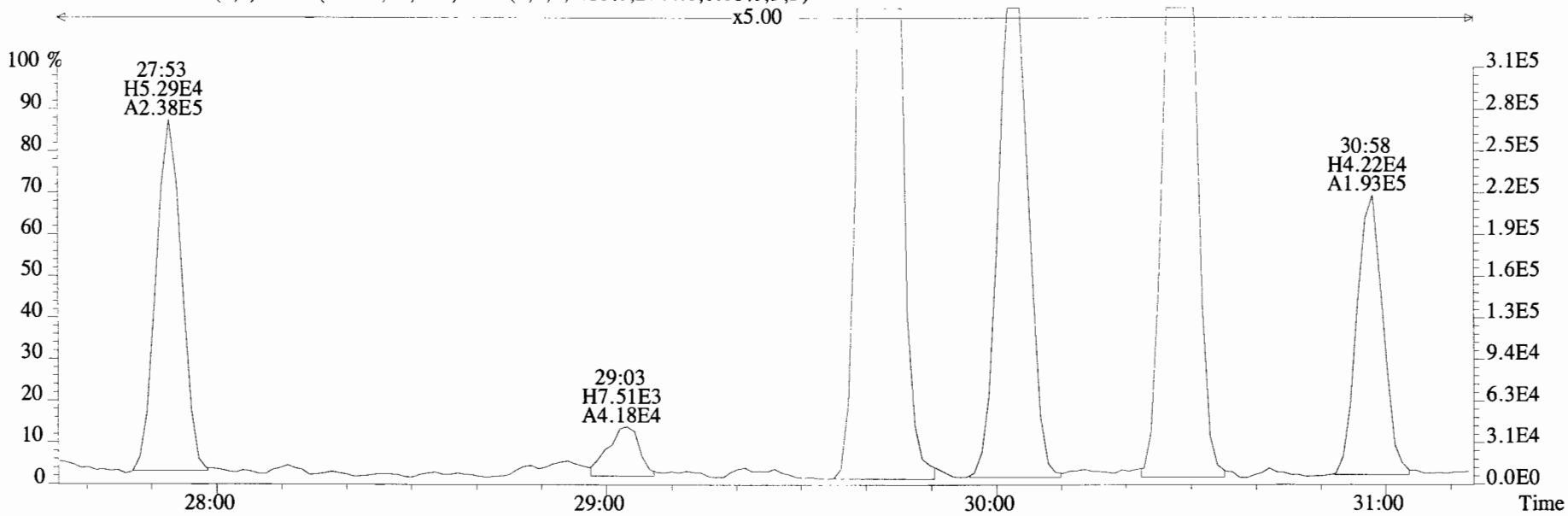
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



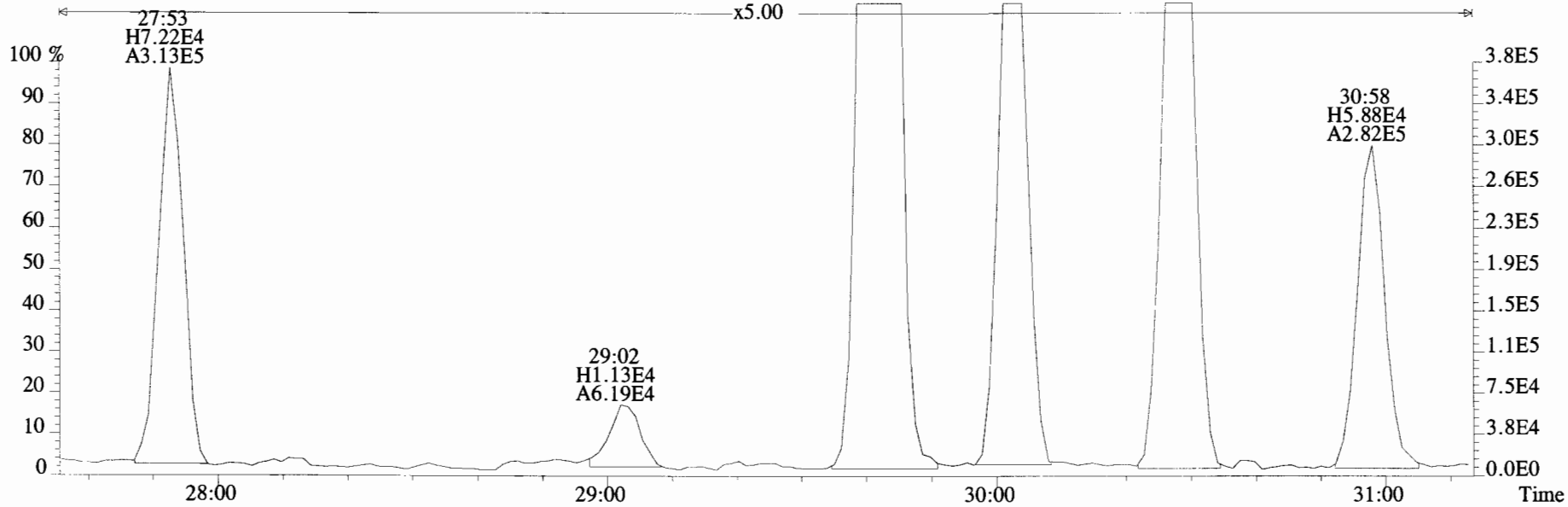
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



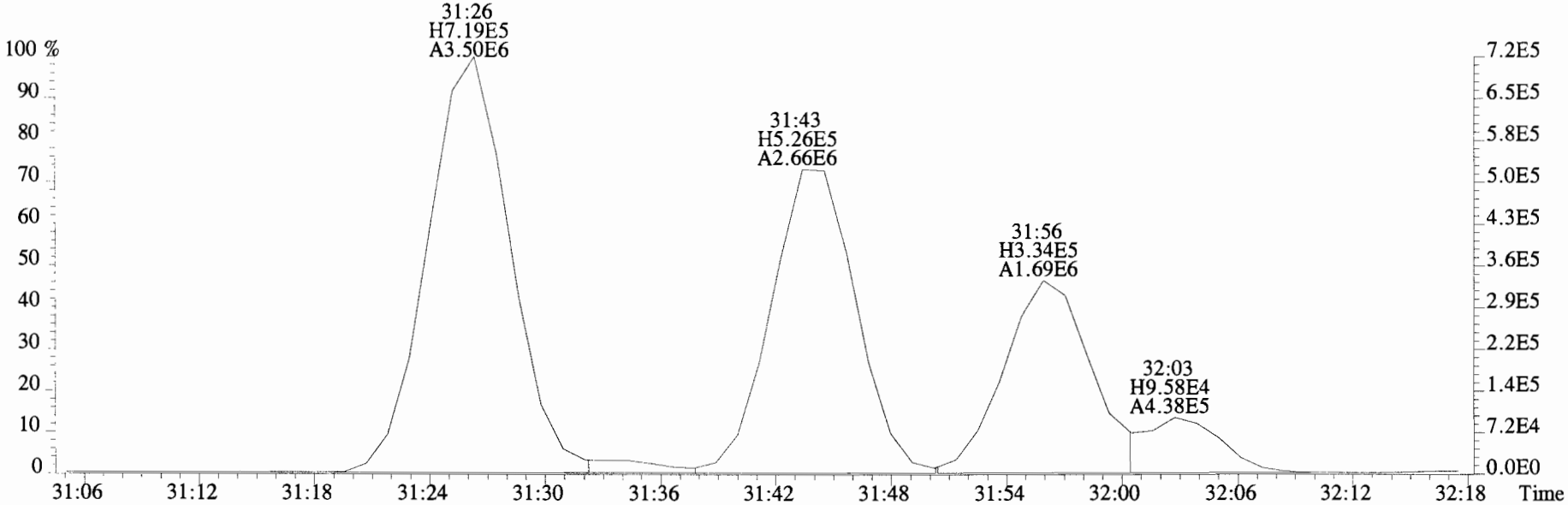
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



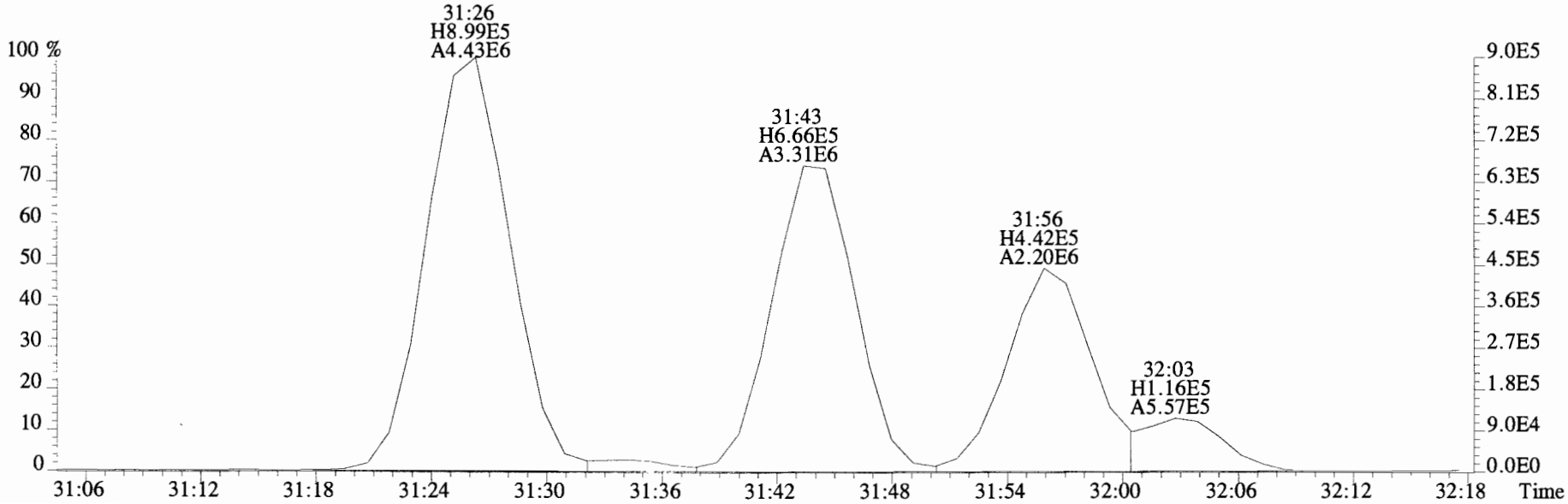
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



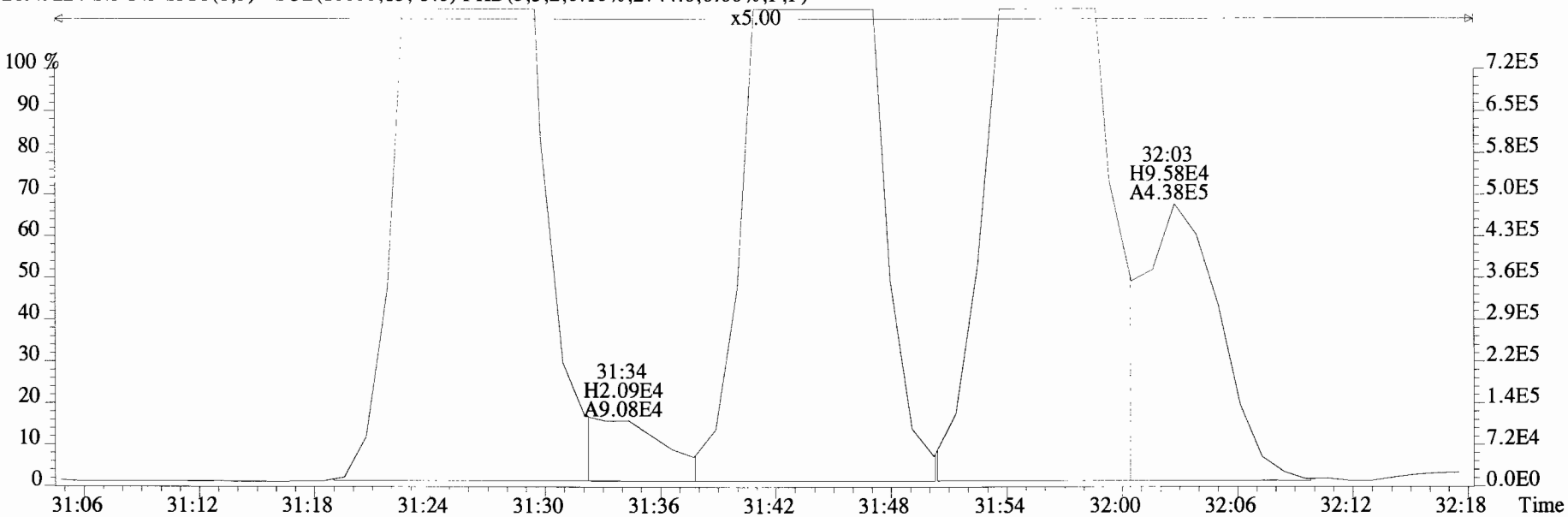
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



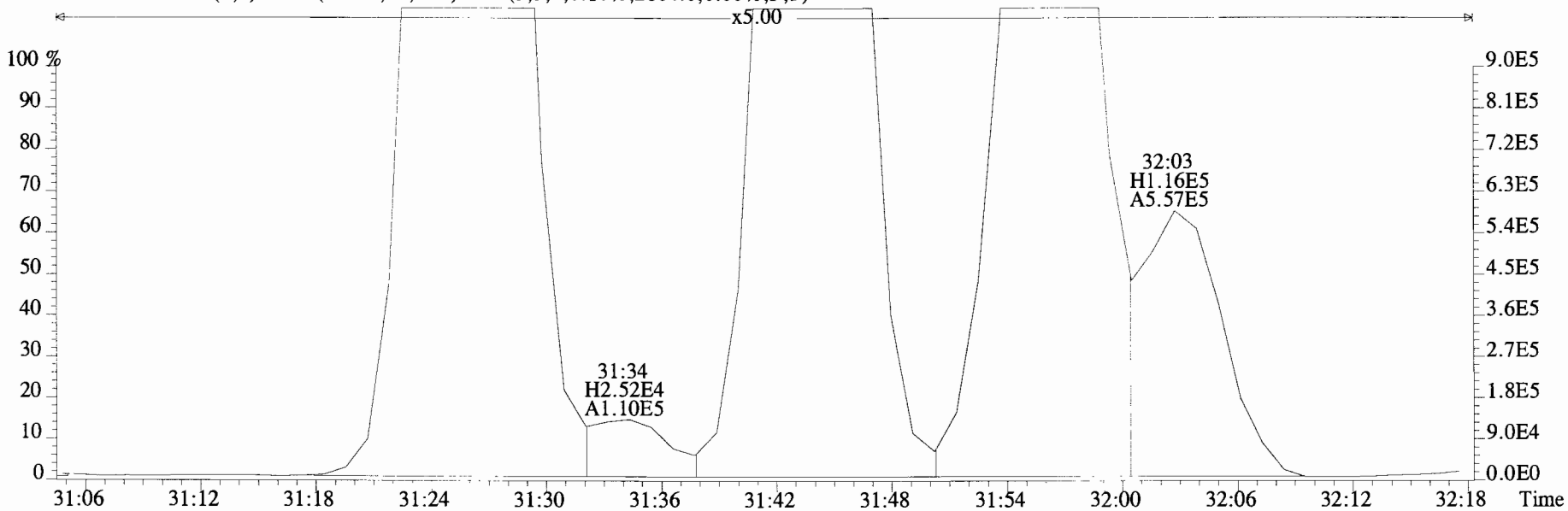
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



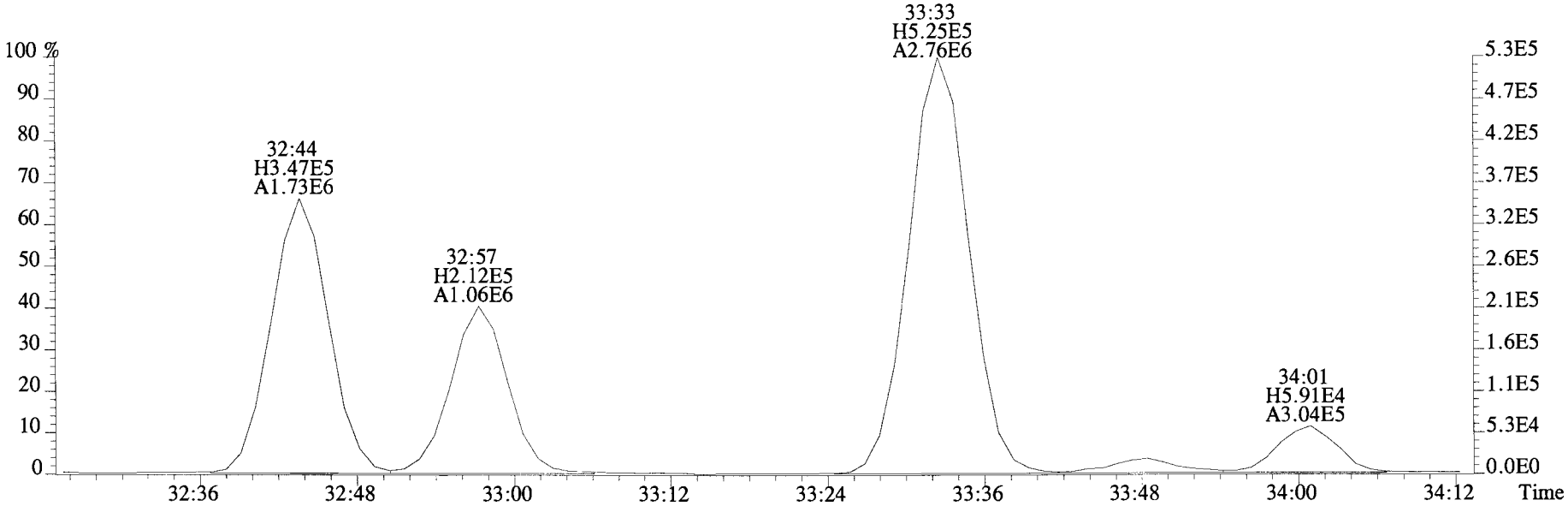
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



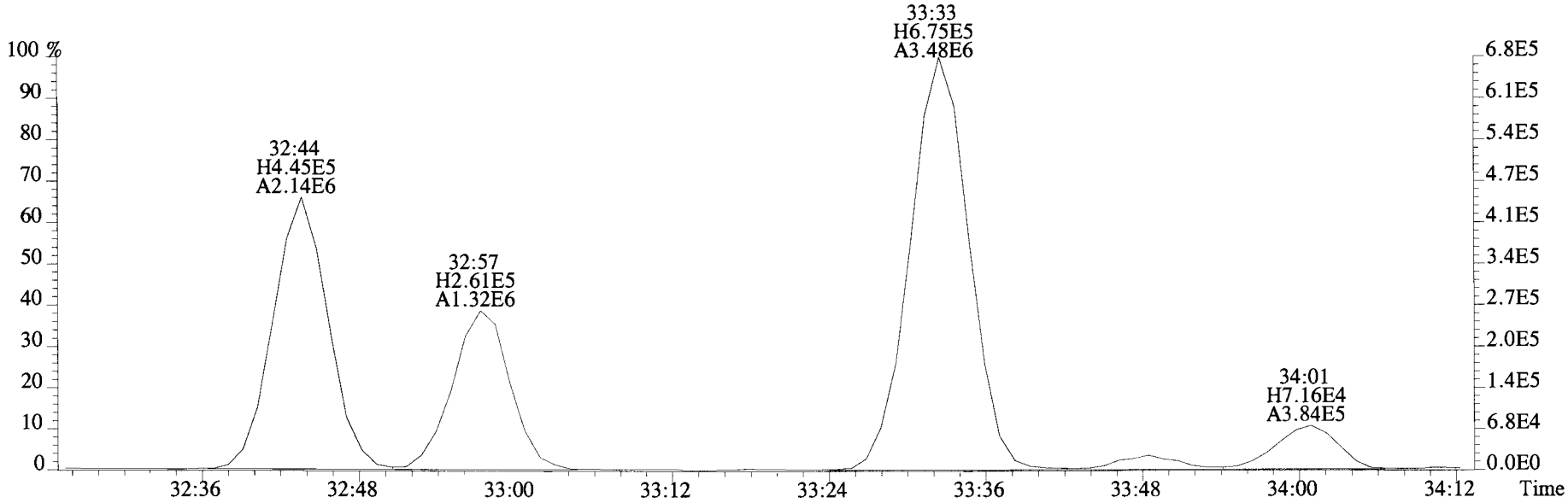
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



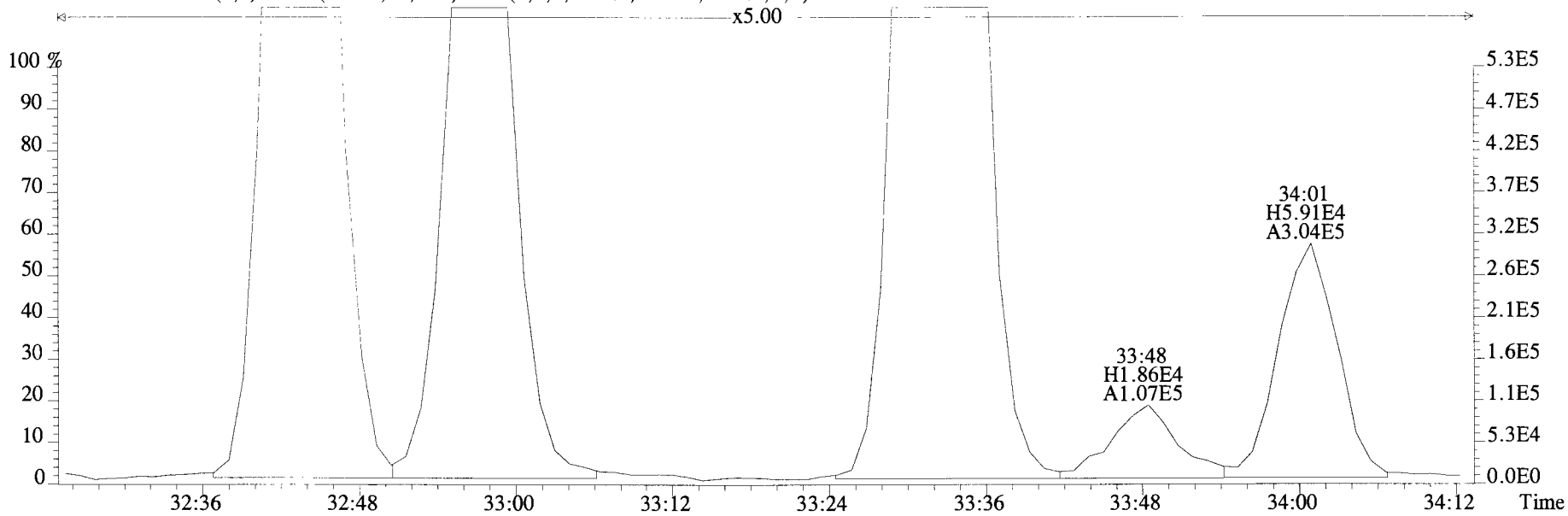
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



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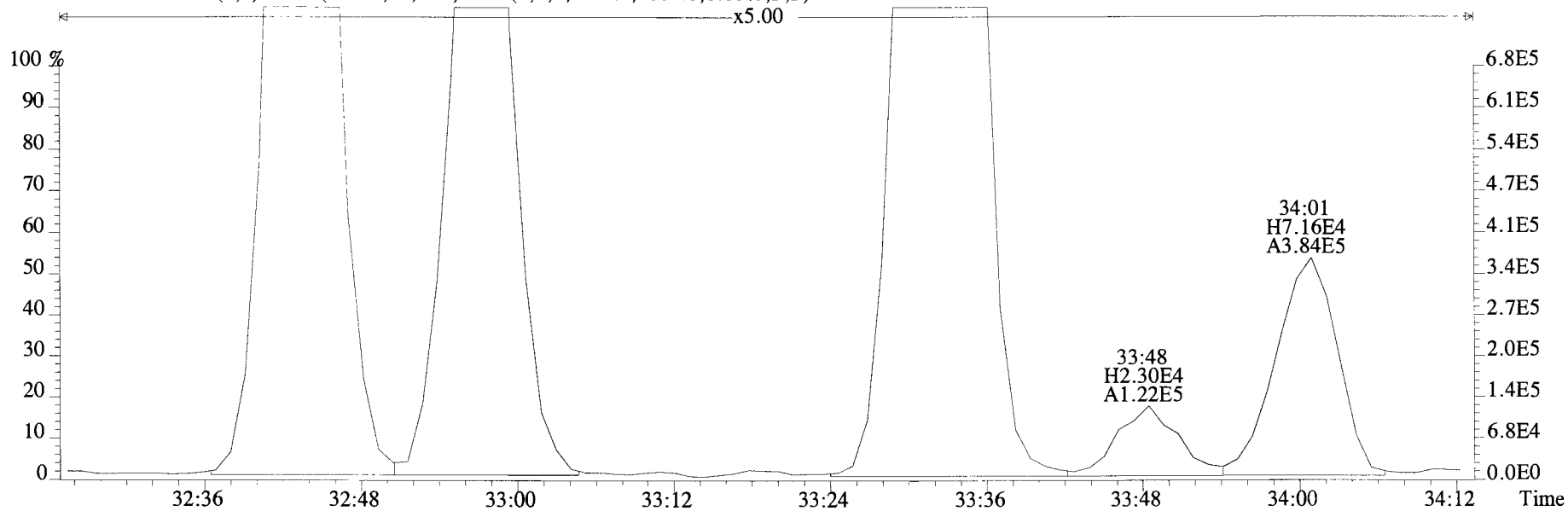
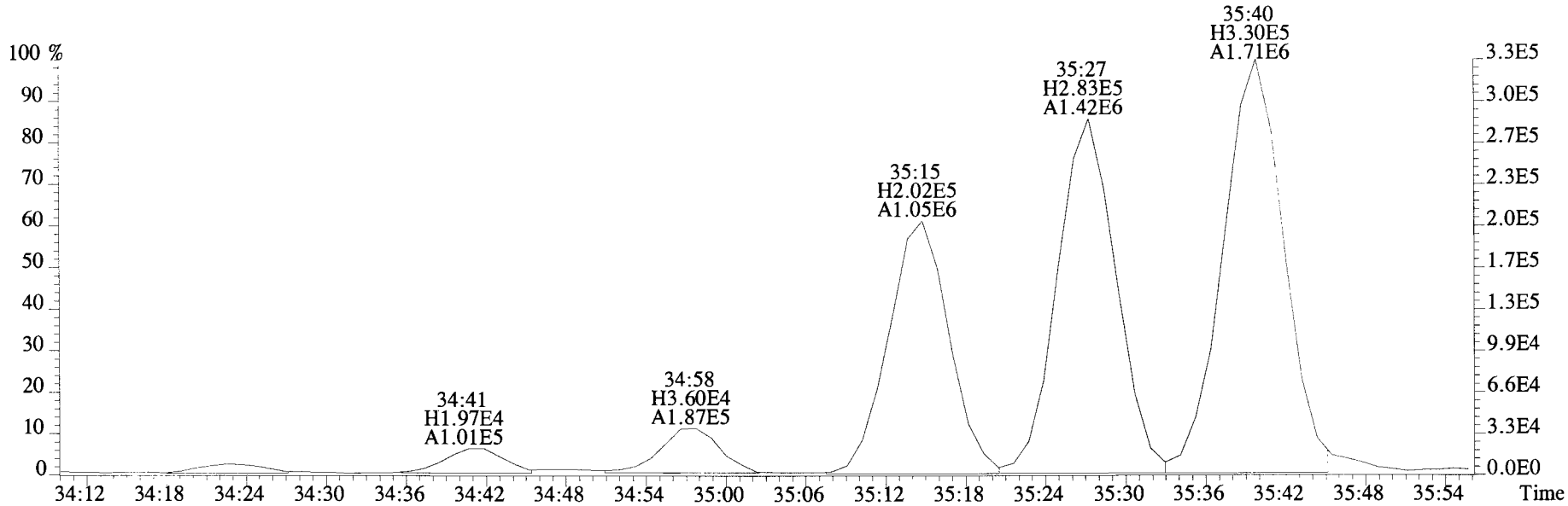
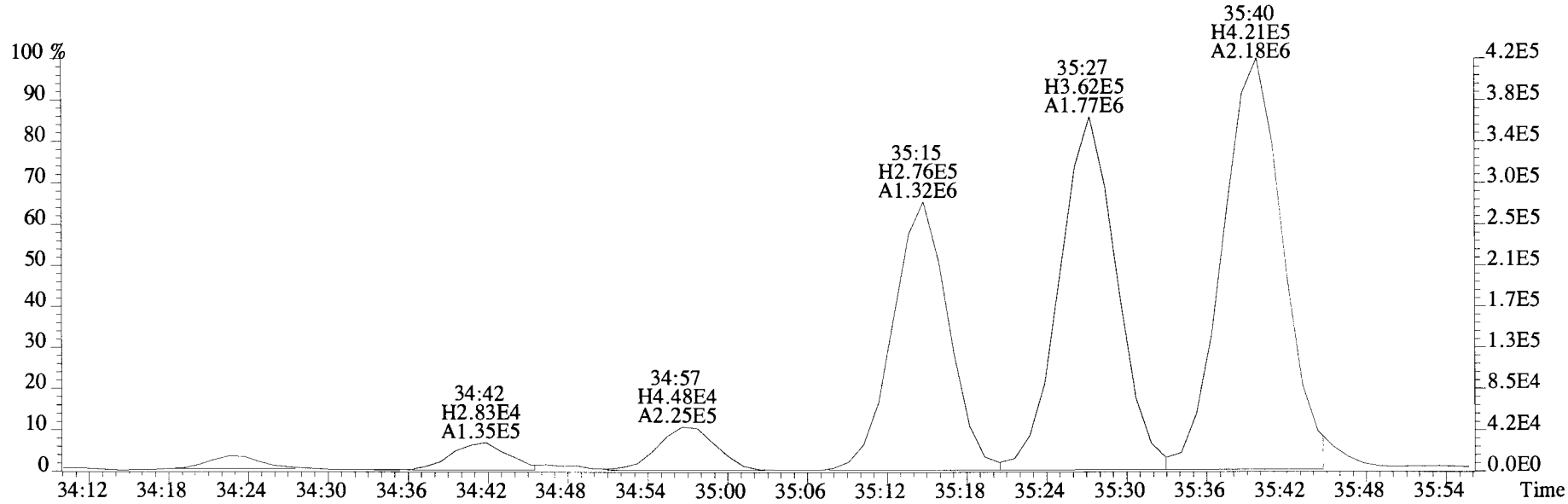


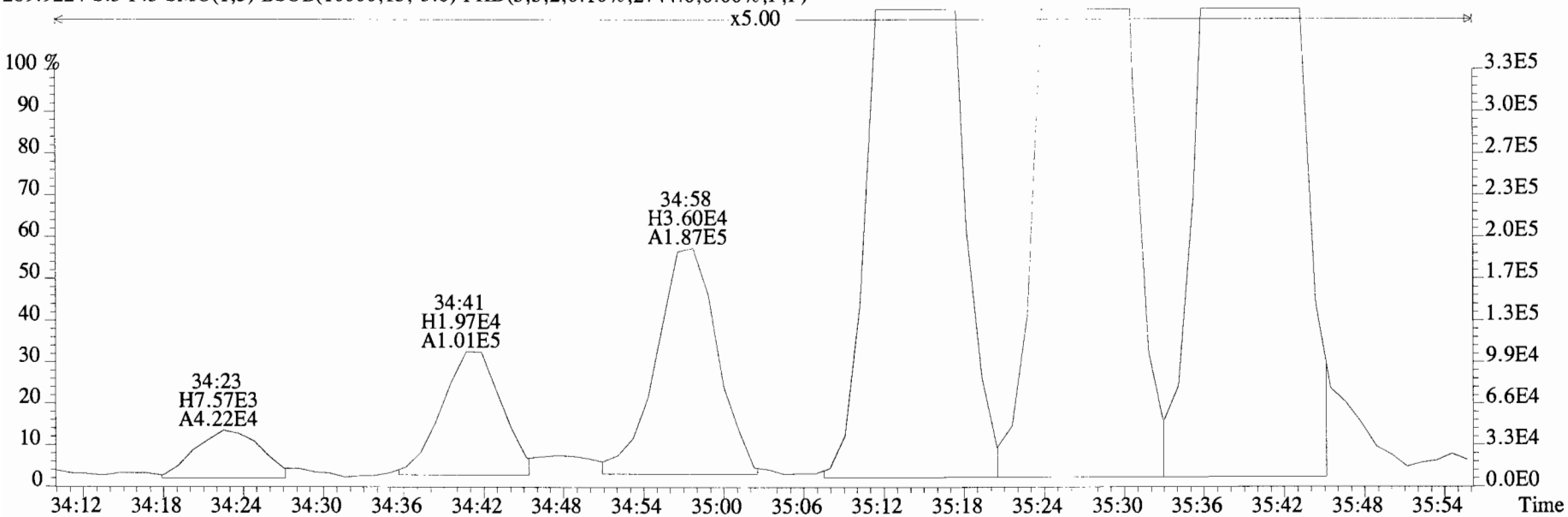
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



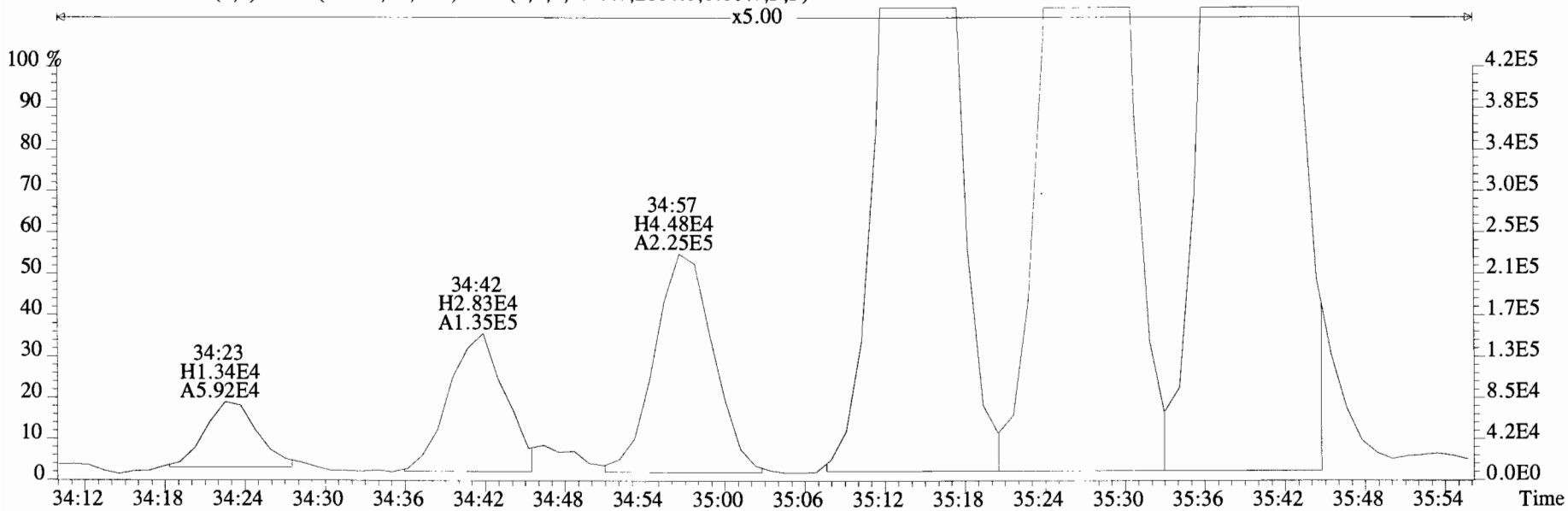
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



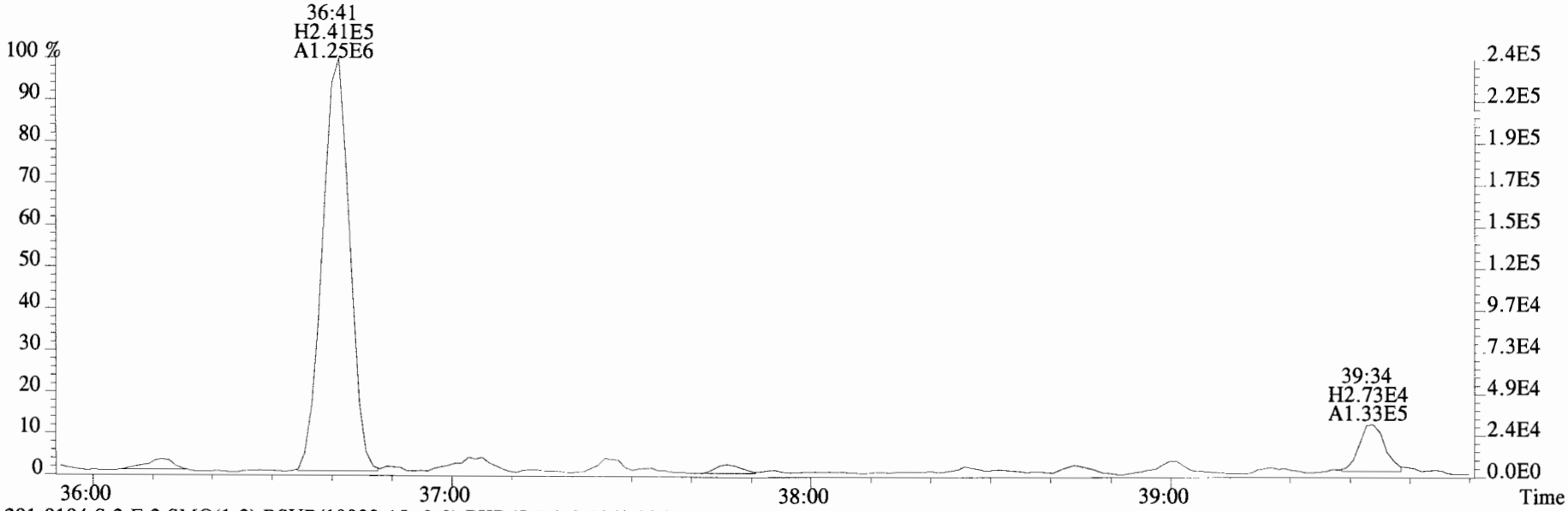
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC El+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



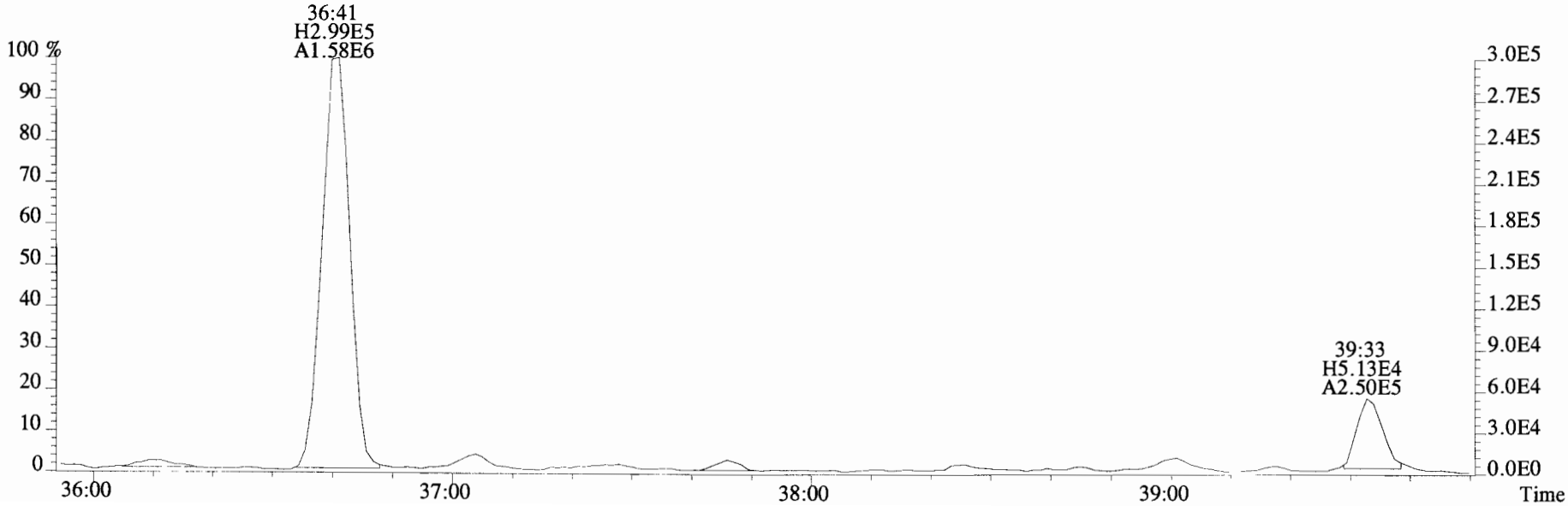
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



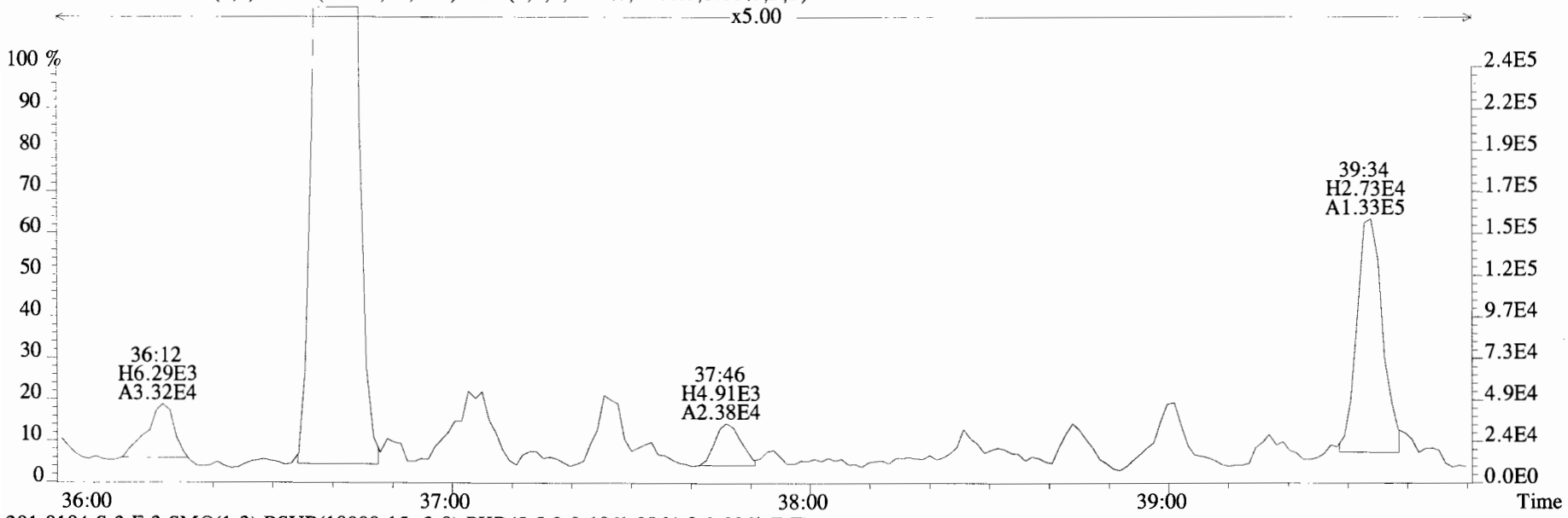
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



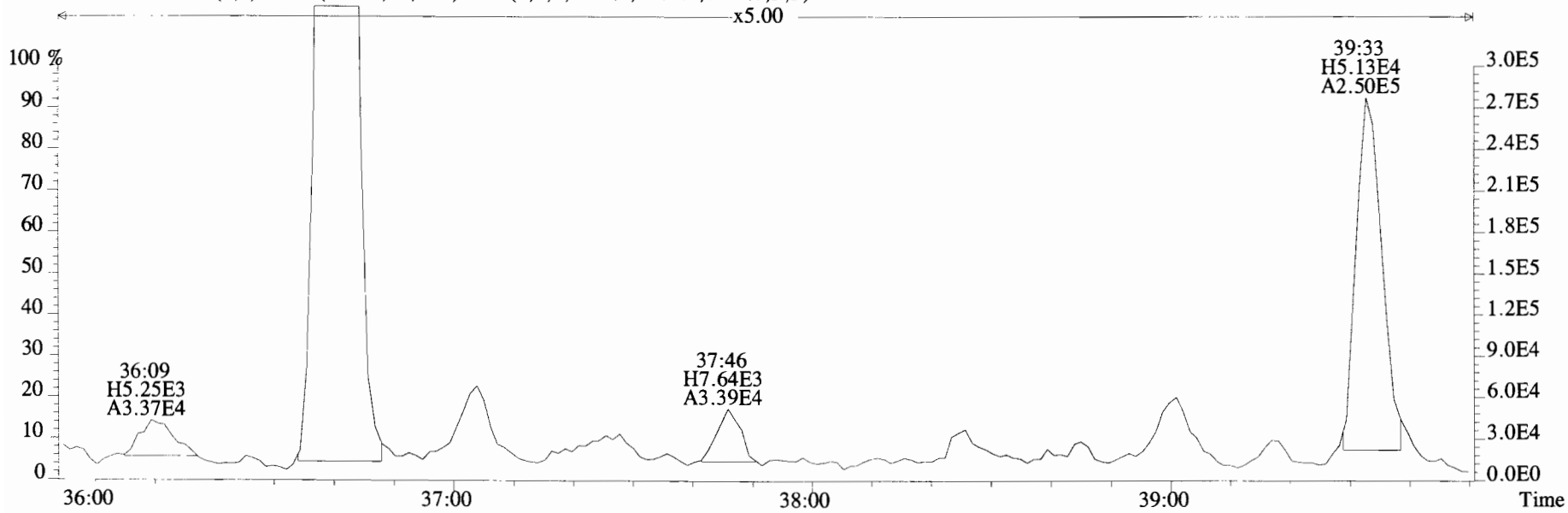
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)



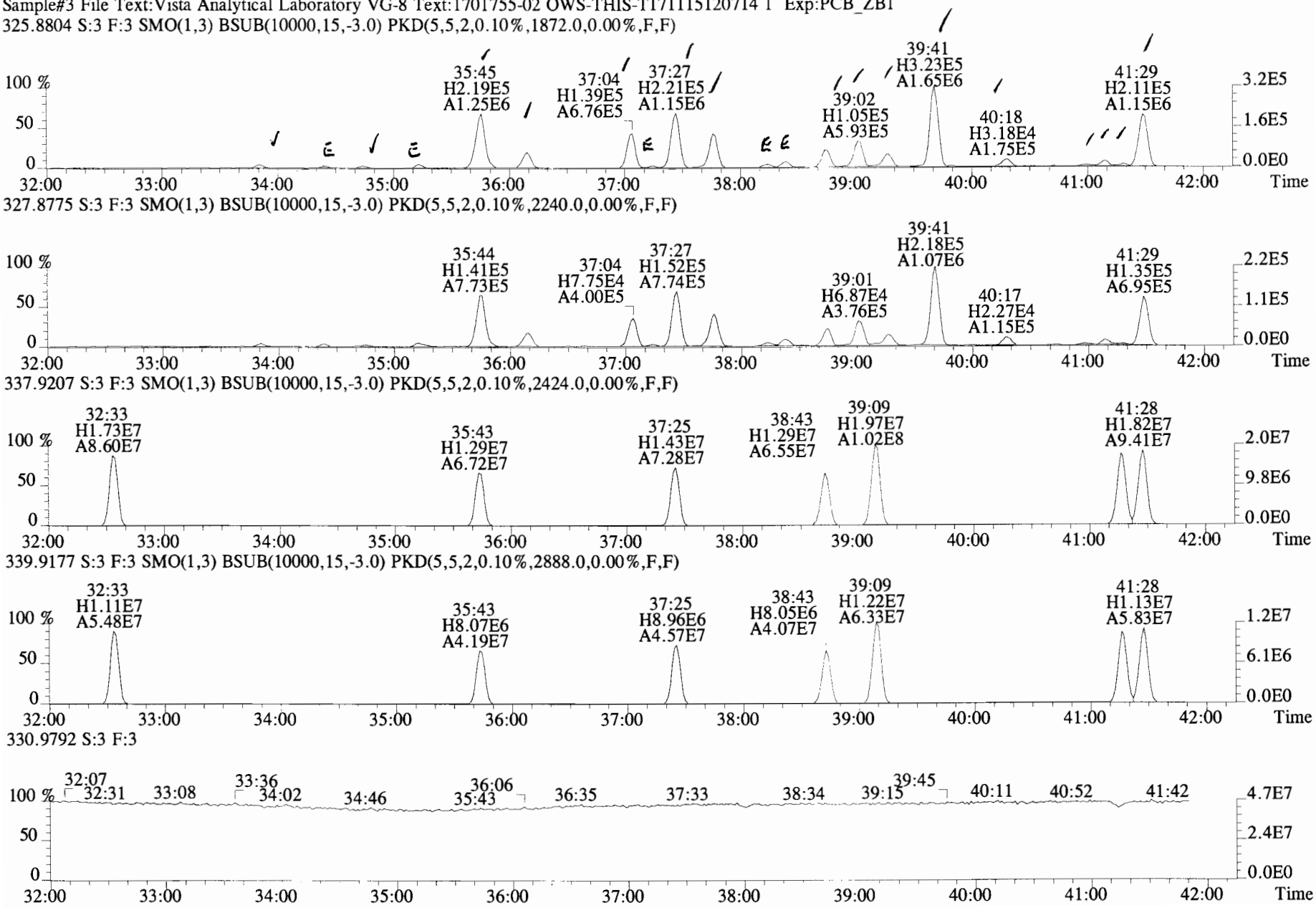
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2864.0,0.00%,F,F)

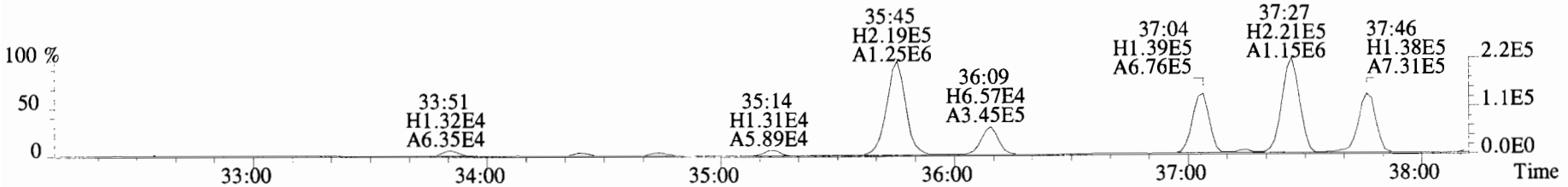


File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1

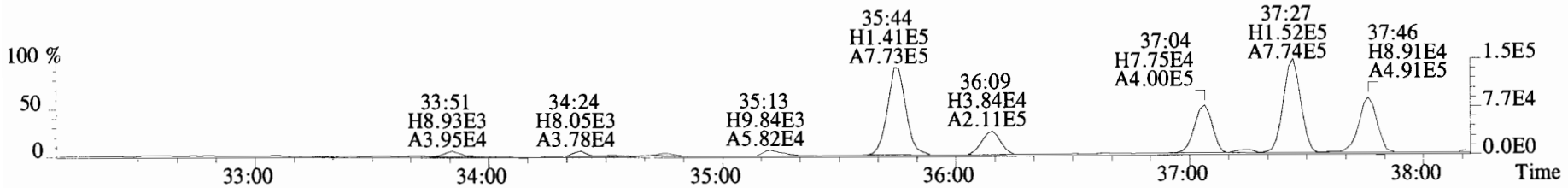


File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1

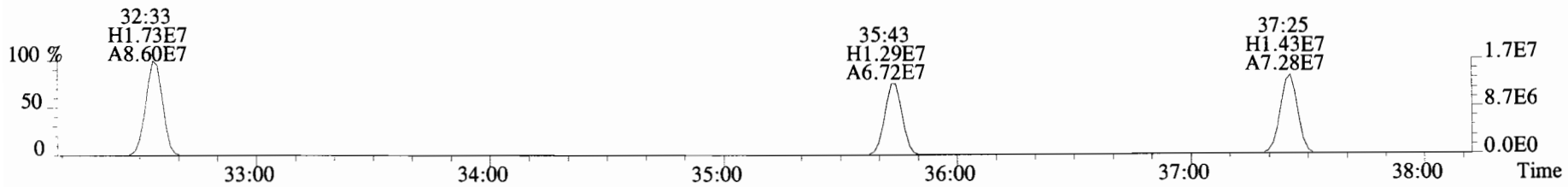
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



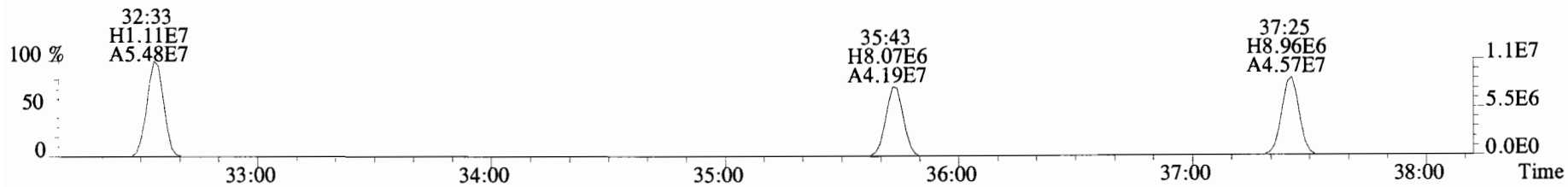
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2240.0,0.00%,F,F)



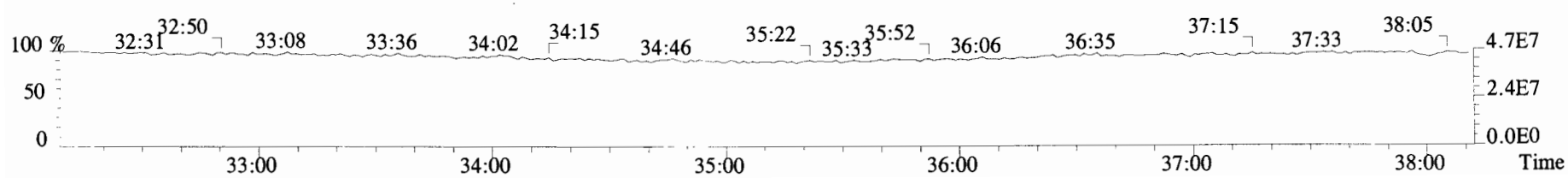
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



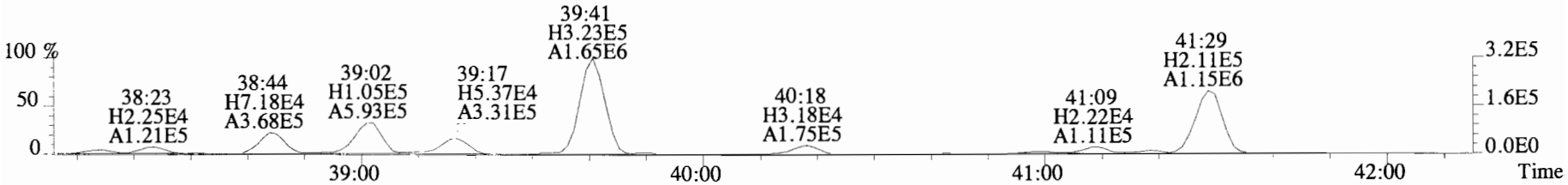
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2888.0,0.00%,F,F)



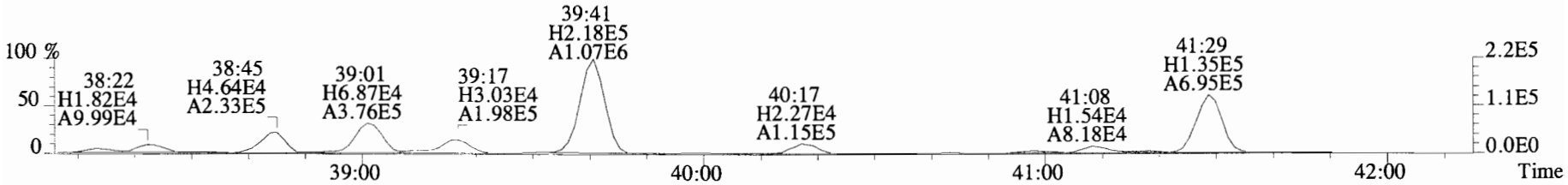
330.9792 S:3 F:3



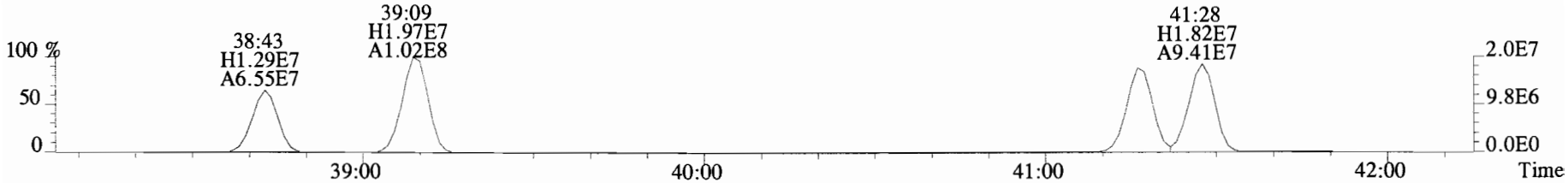
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1872.0,0.00%,F,F)



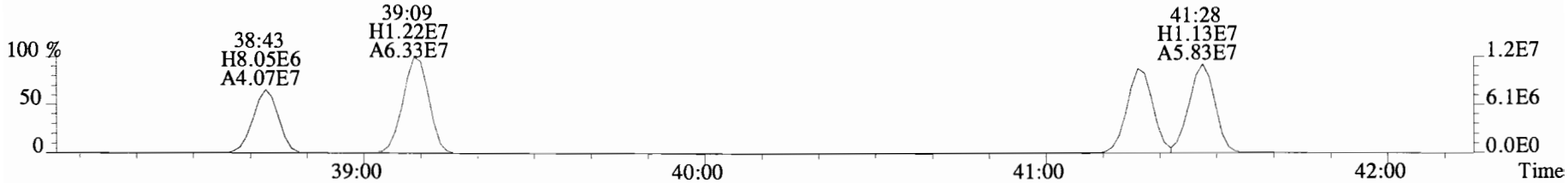
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2240.0,0.00%,F,F)



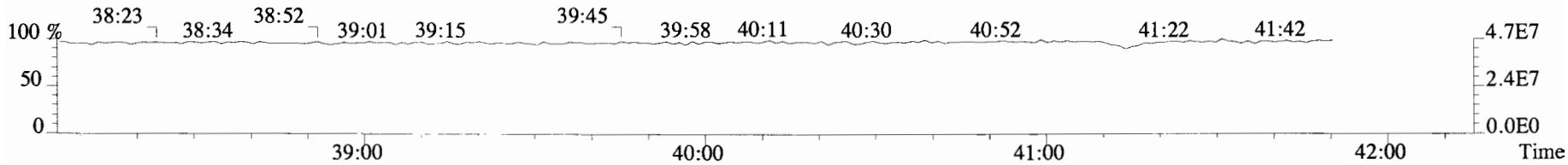
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



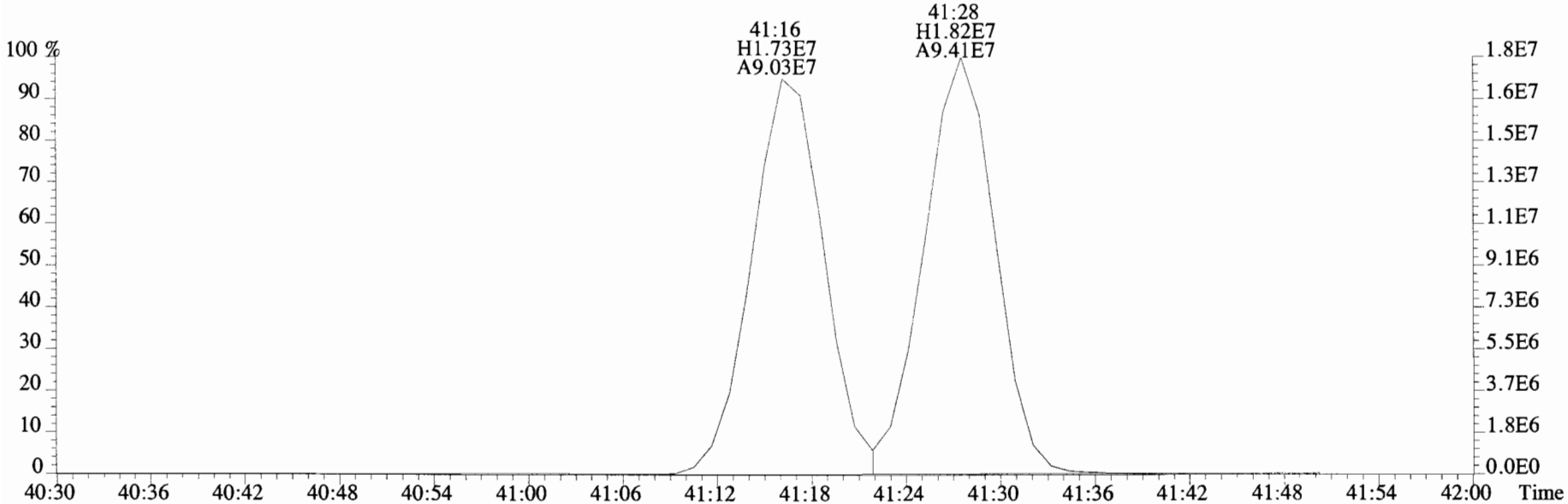
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2888.0,0.00%,F,F)



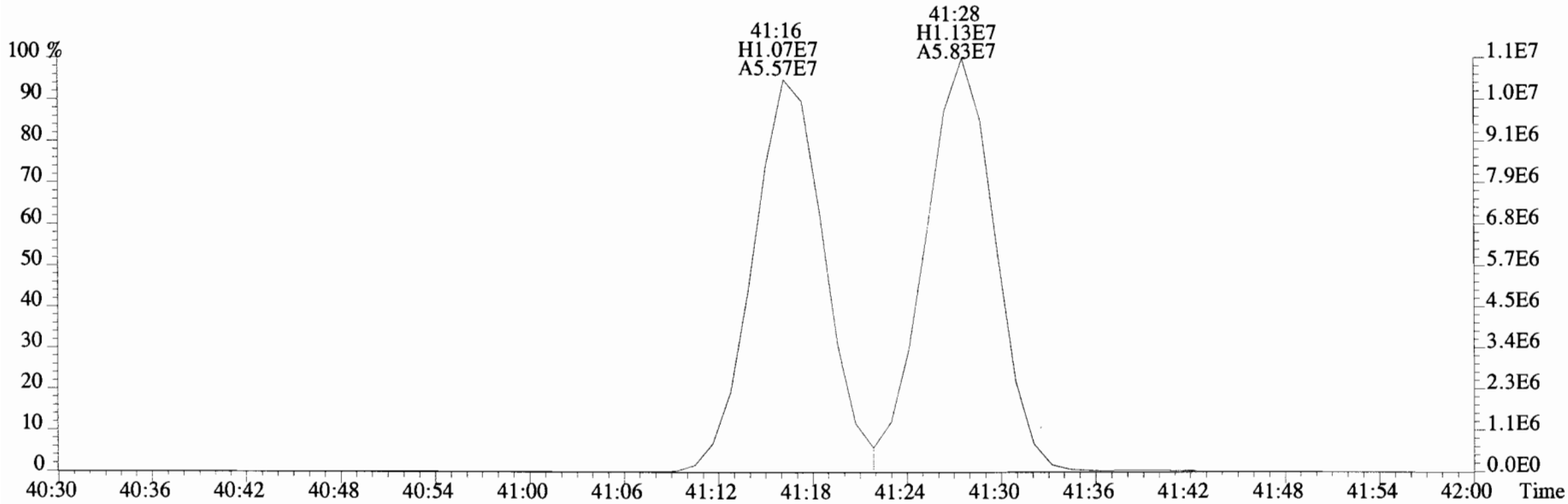
330.9792 S:3 F:3



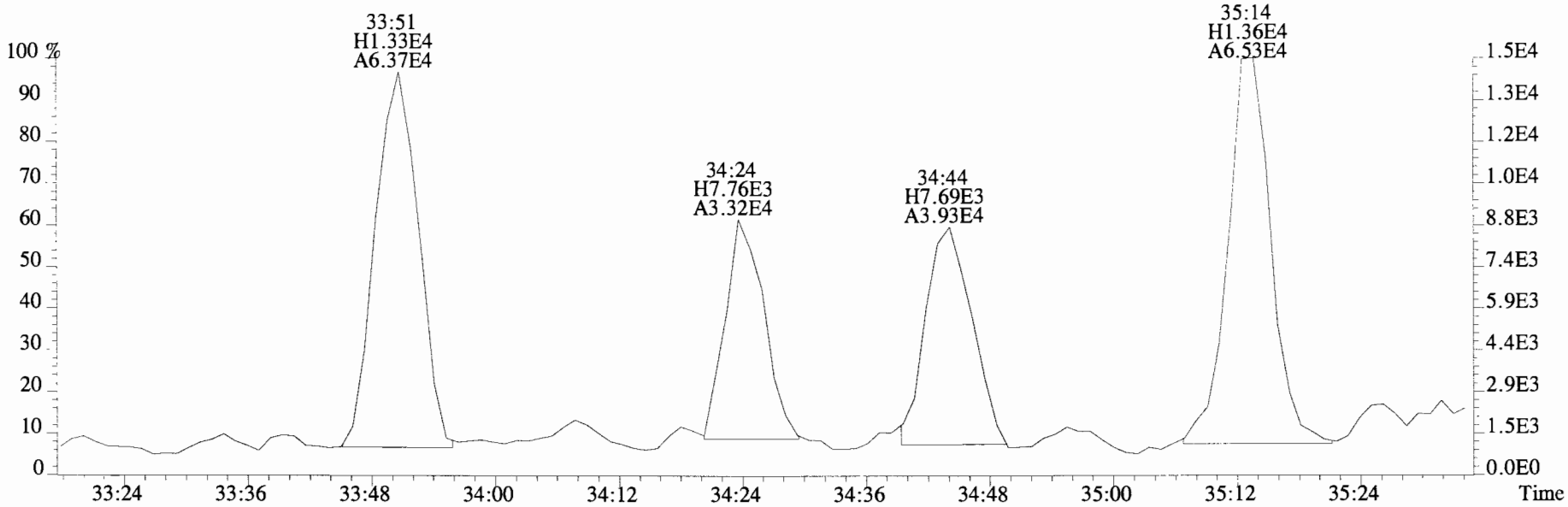
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



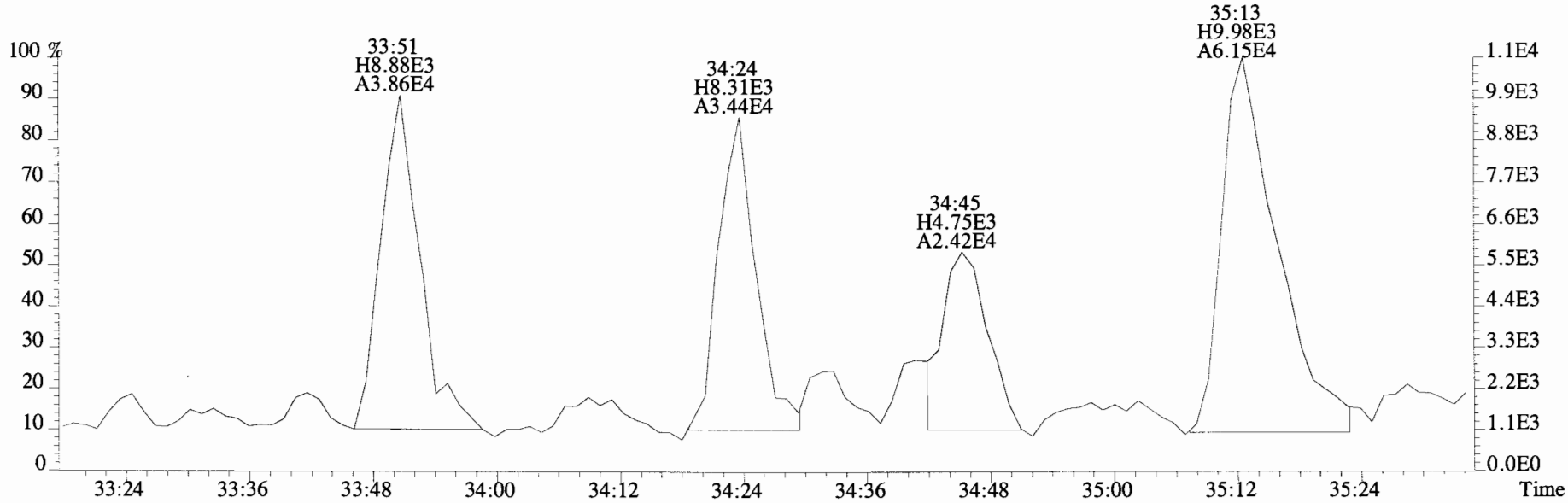
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2888.0,0.00%,F,F)



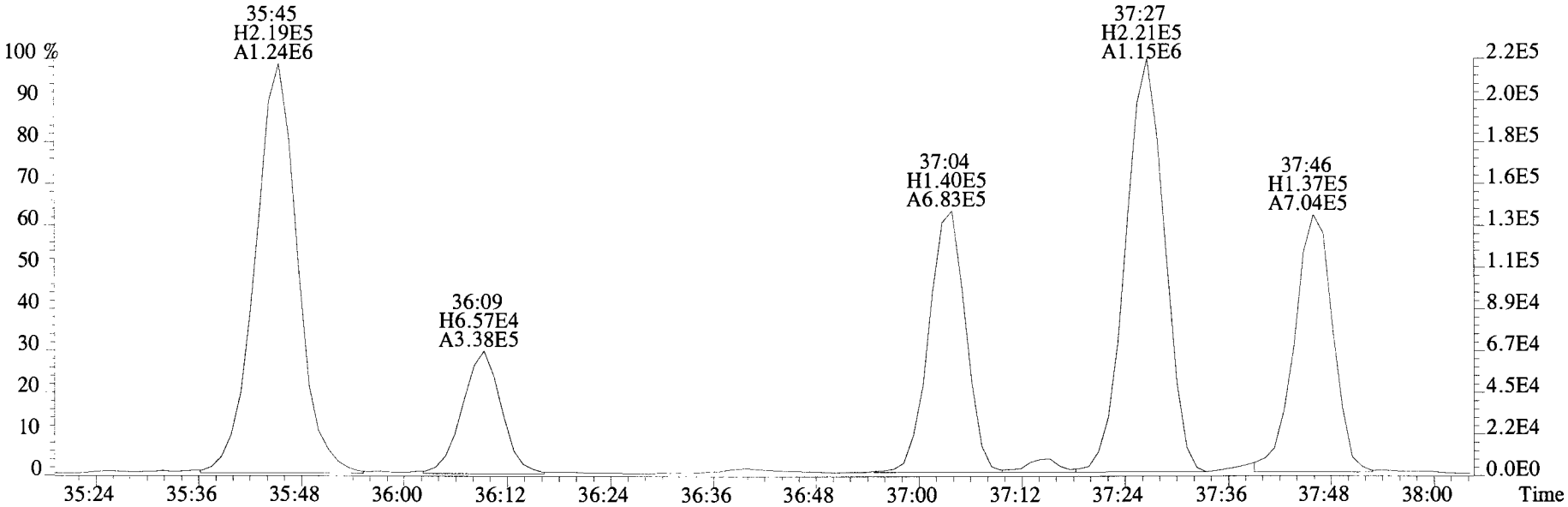
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



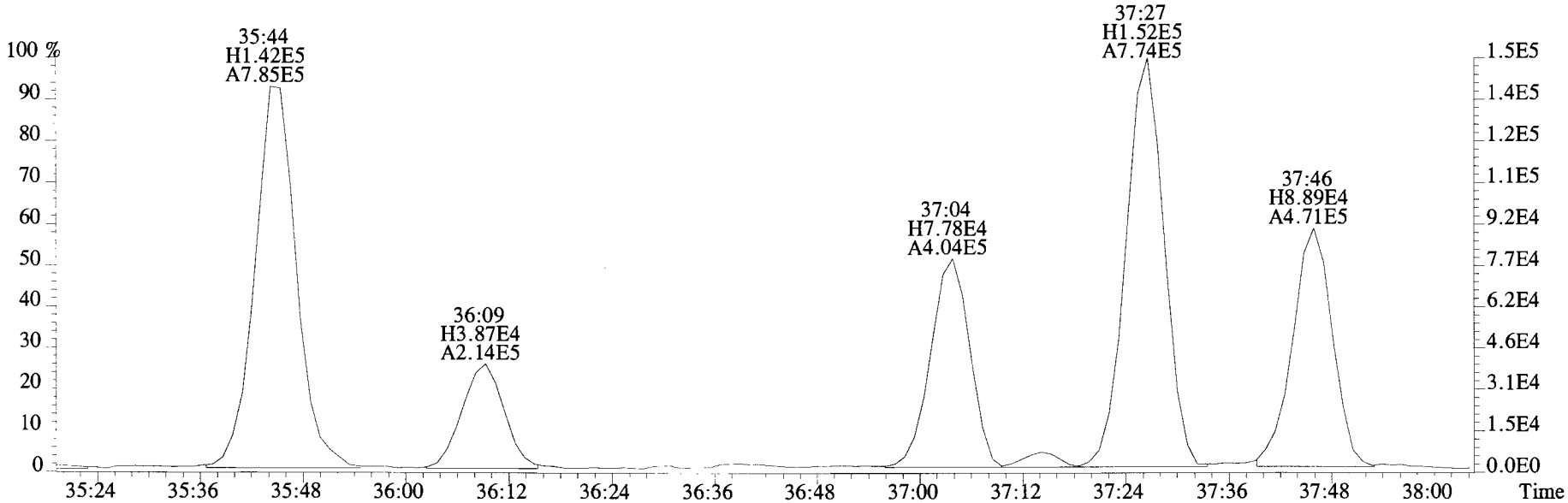
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



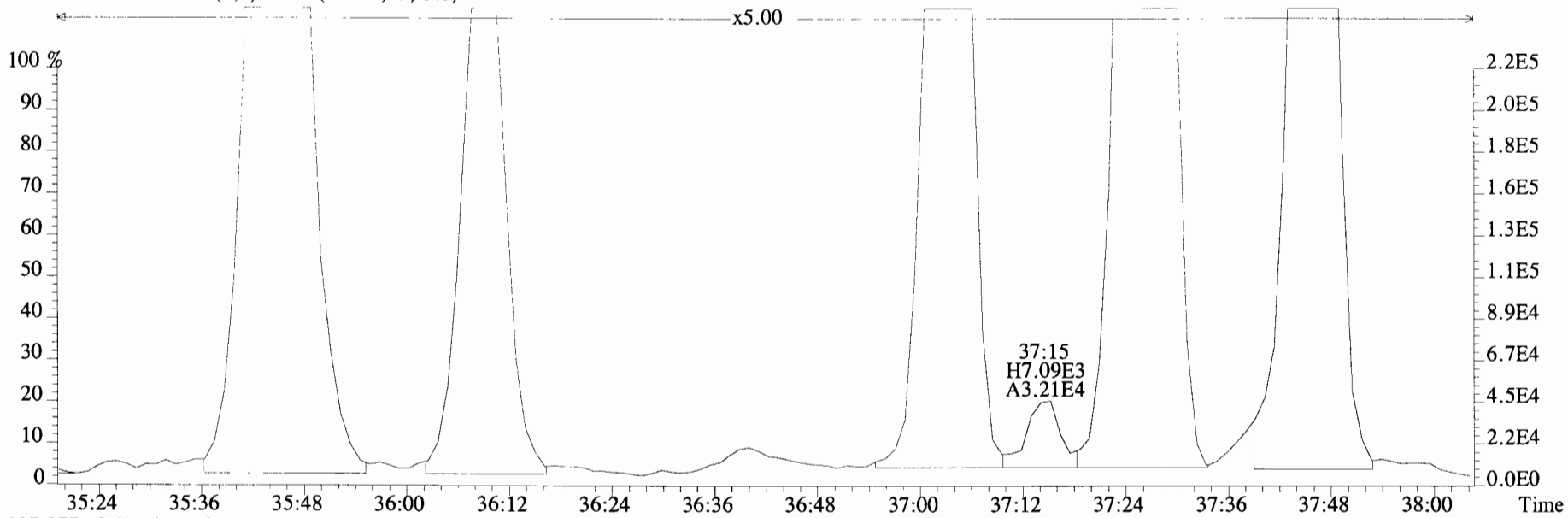
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



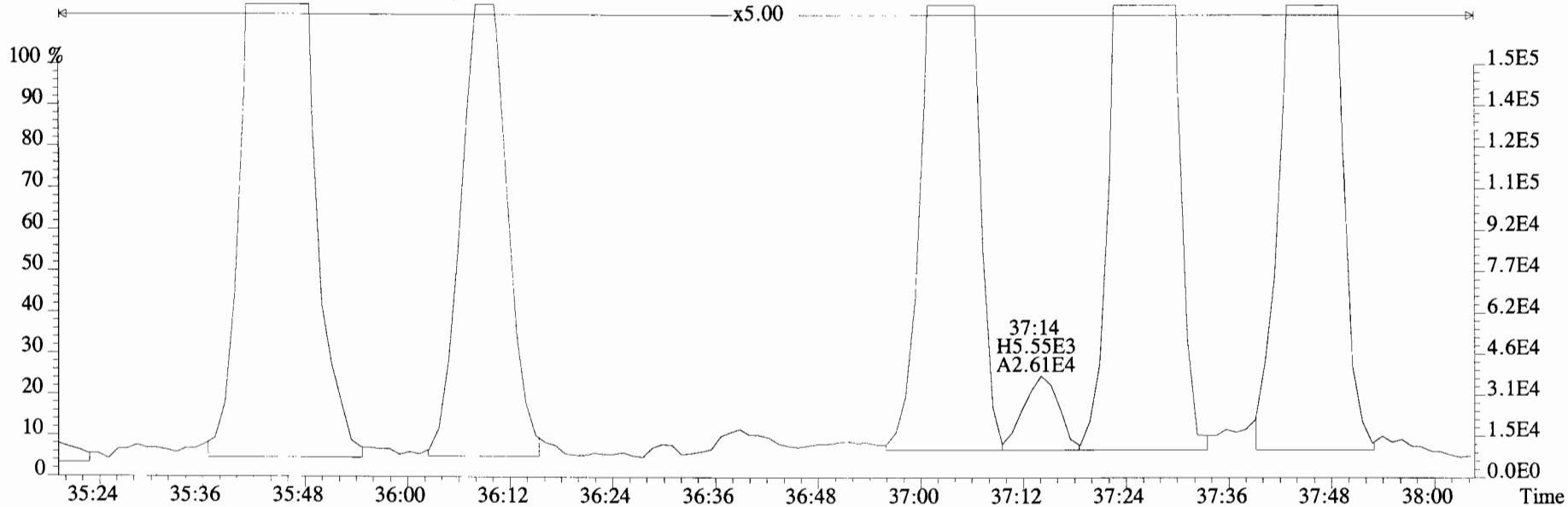
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



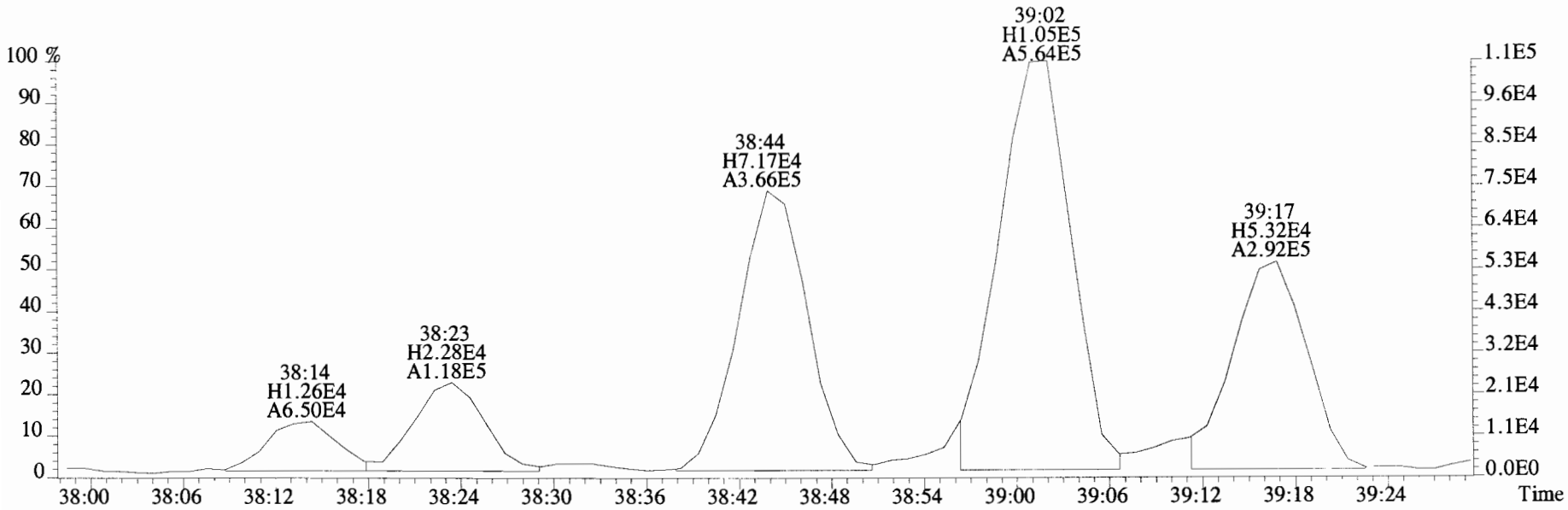
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



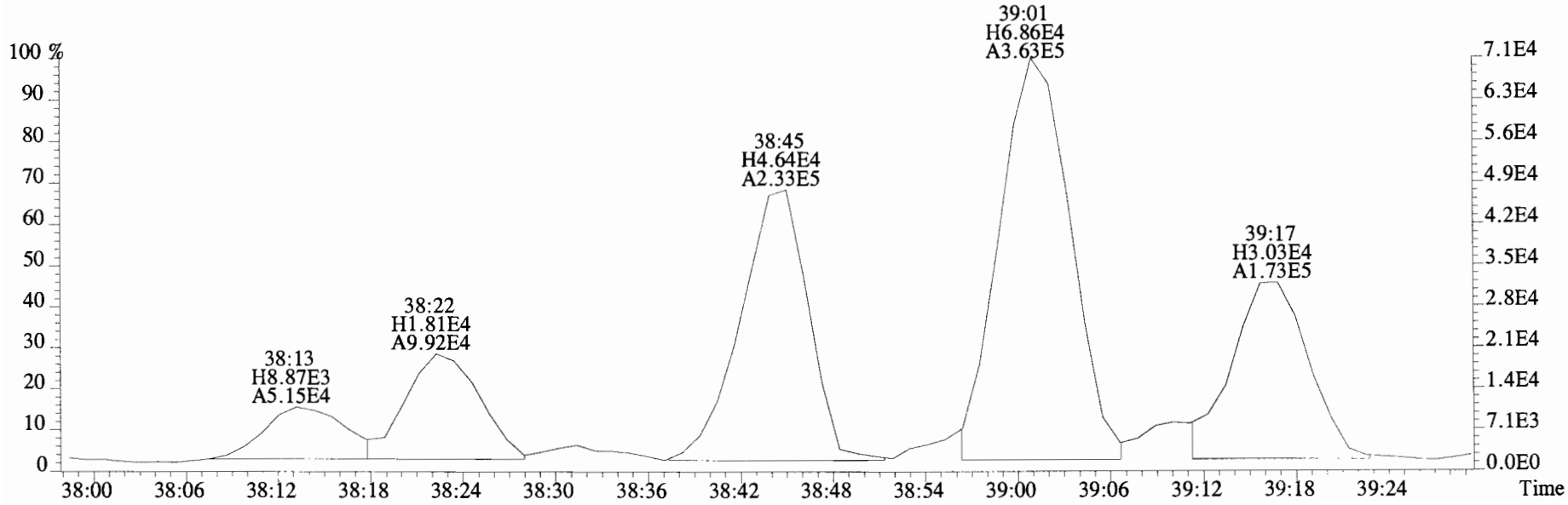
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



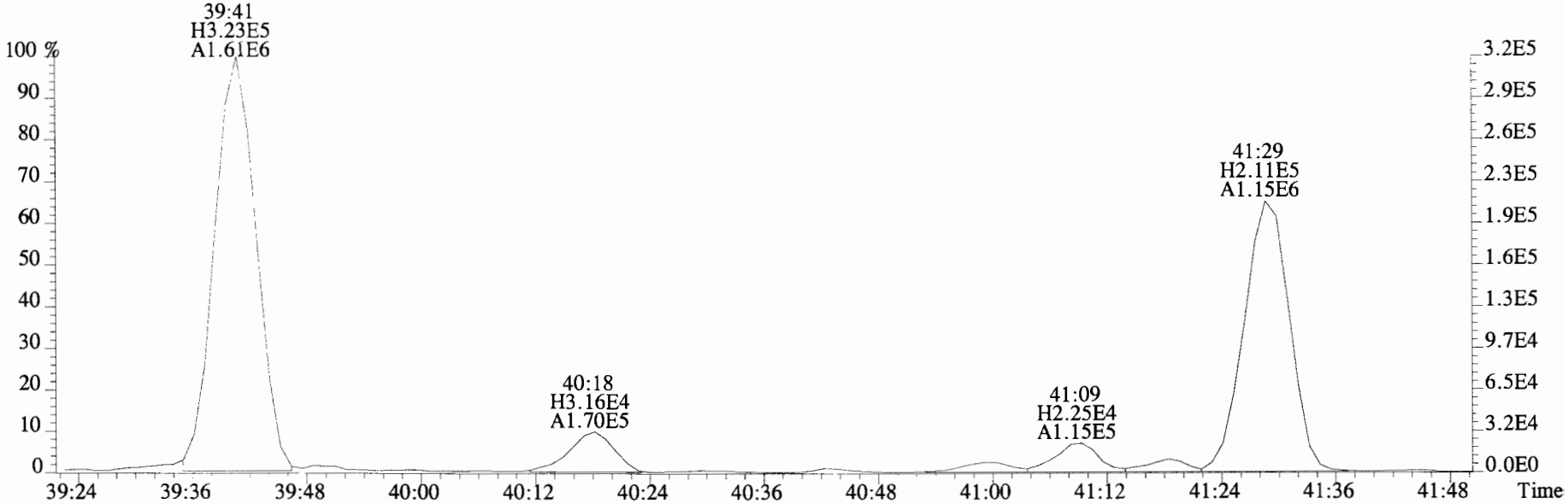
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



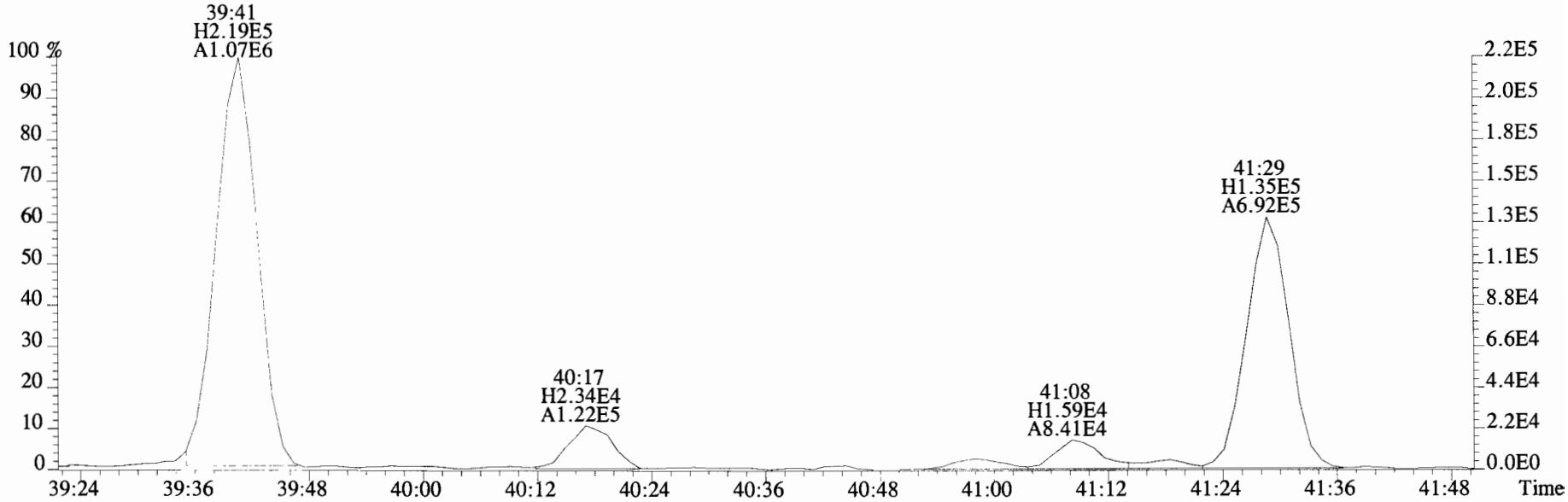
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



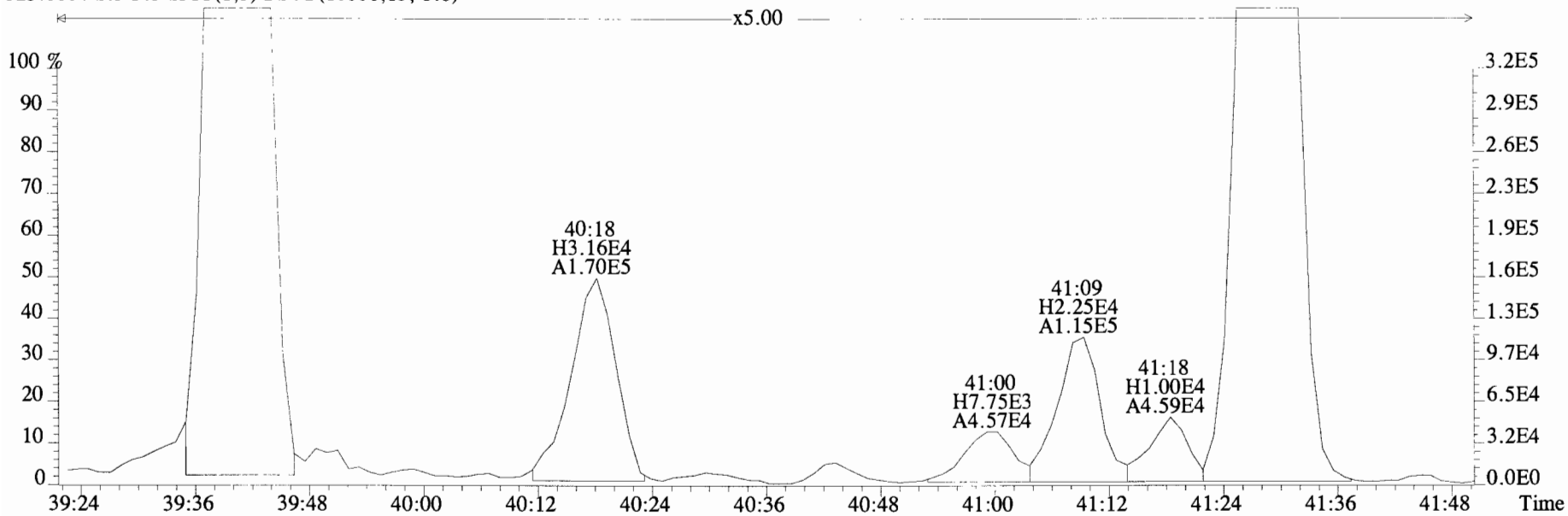
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



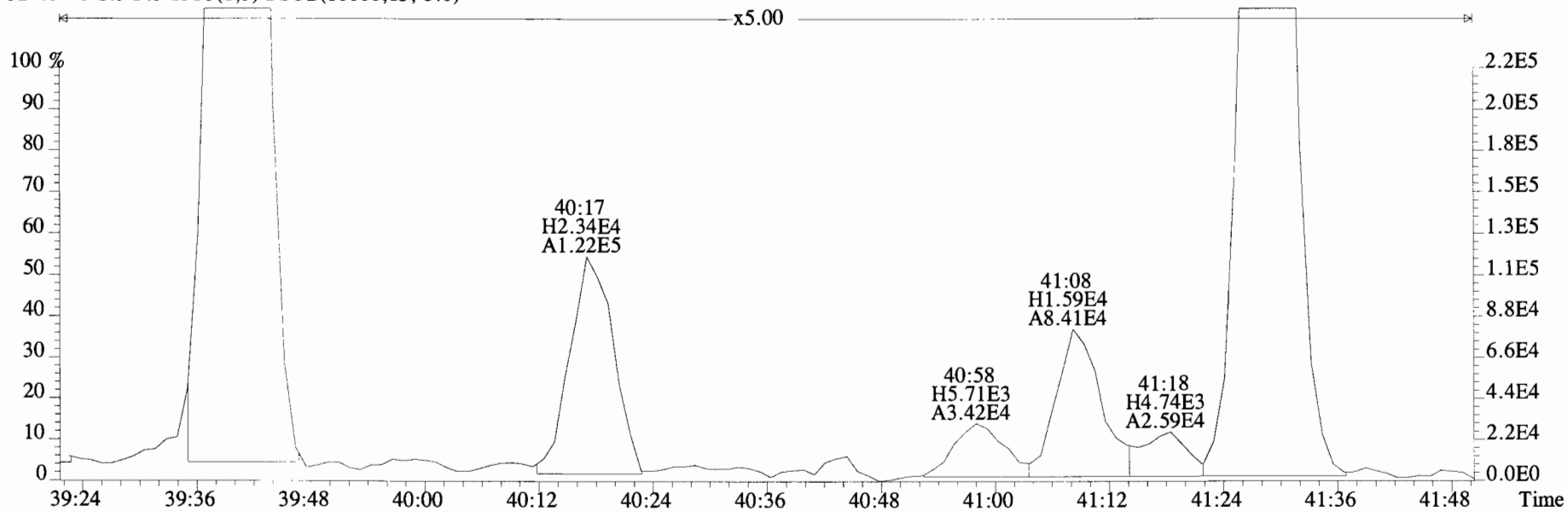
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



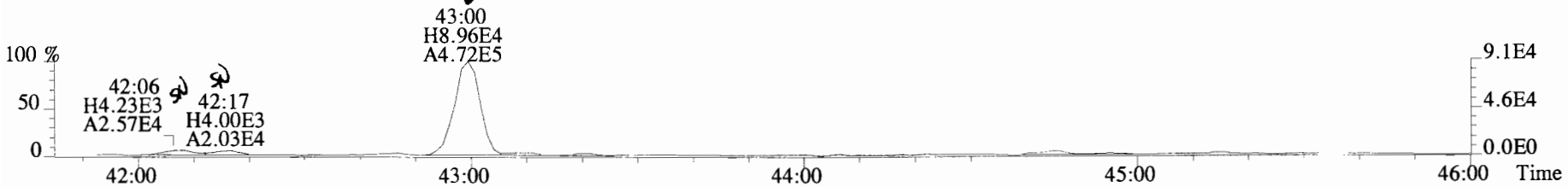
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



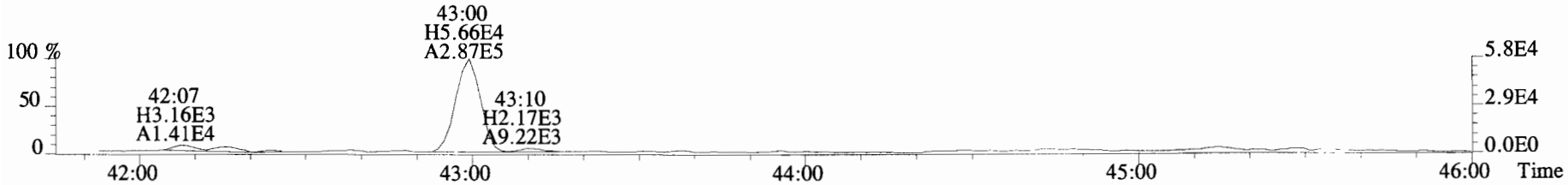
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0)



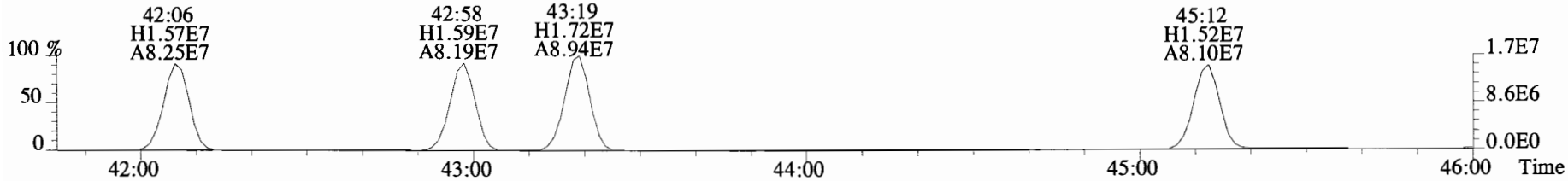
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



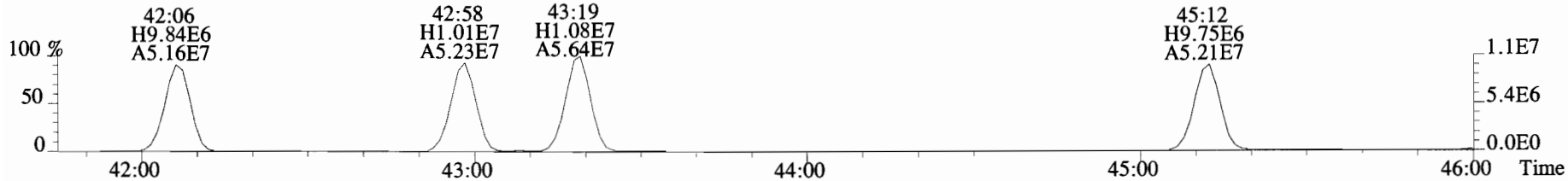
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



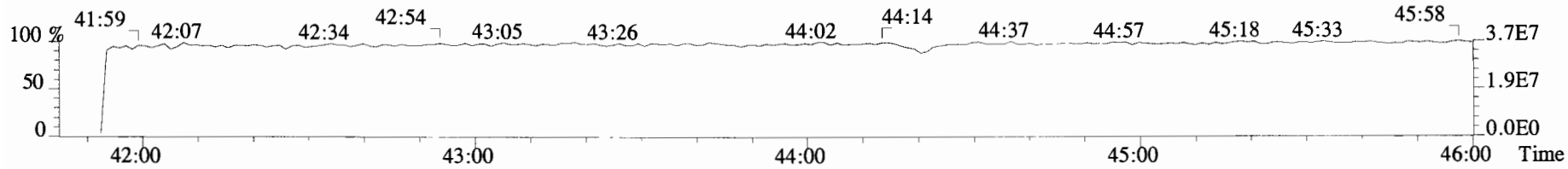
337.9207 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11360.0,0.00%,F,F)



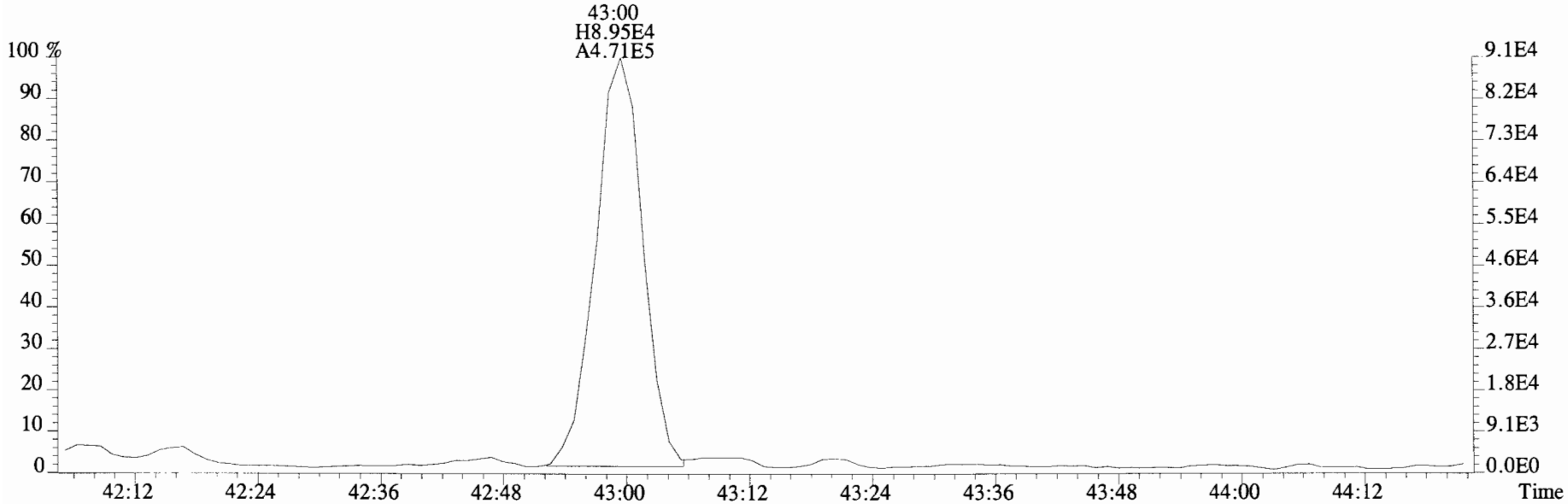
339.9177 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9224.0,0.00%,F,F)



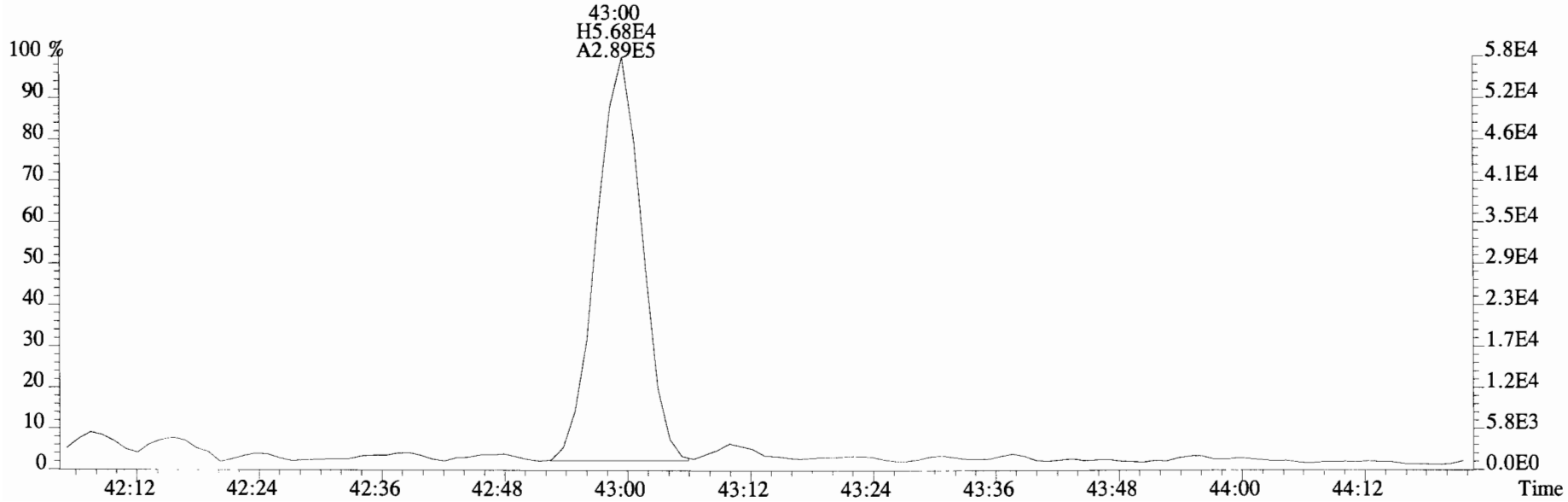
380.9760 S:3 F:4



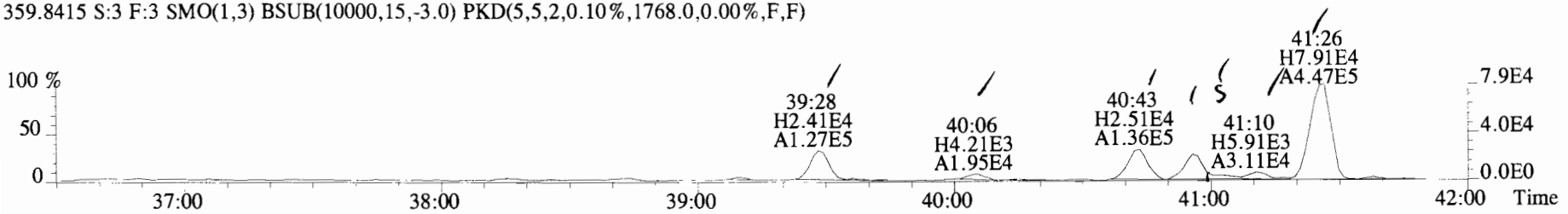
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



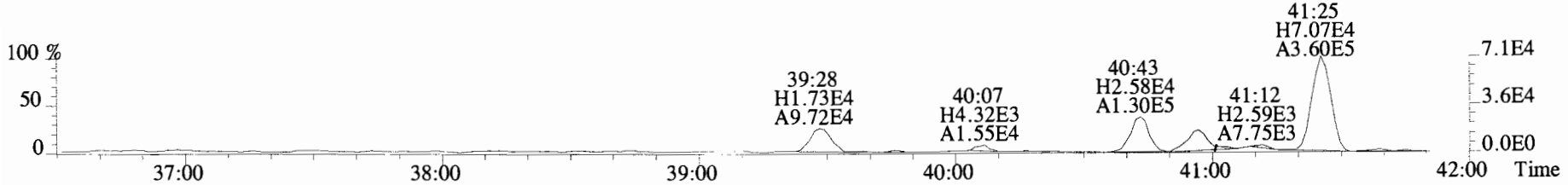
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



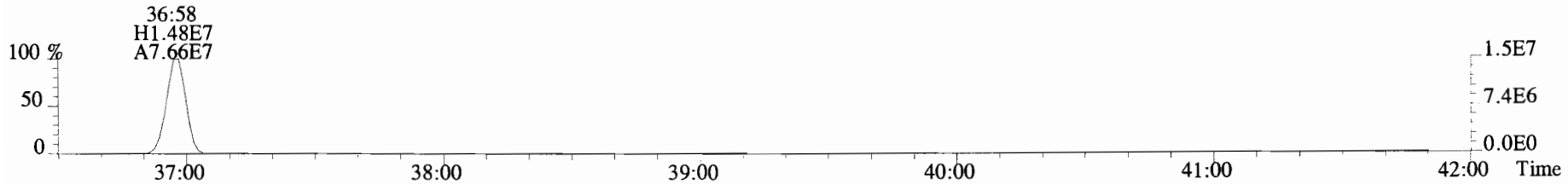
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



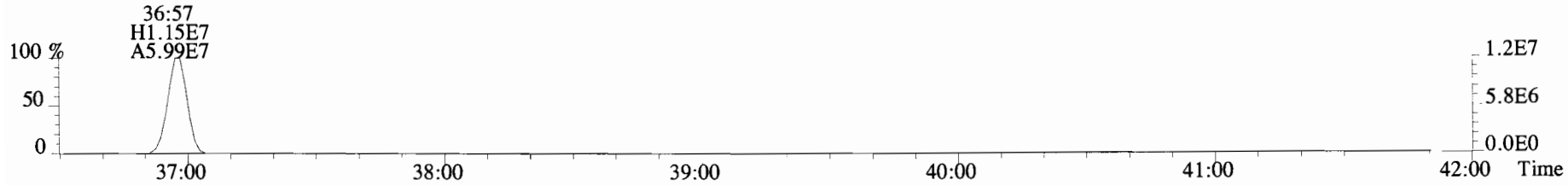
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



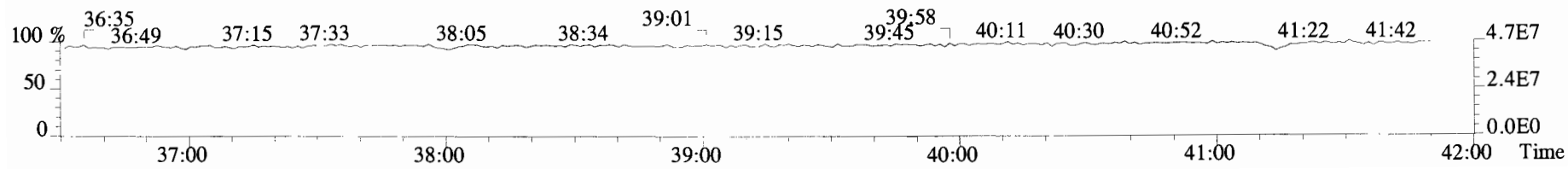
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



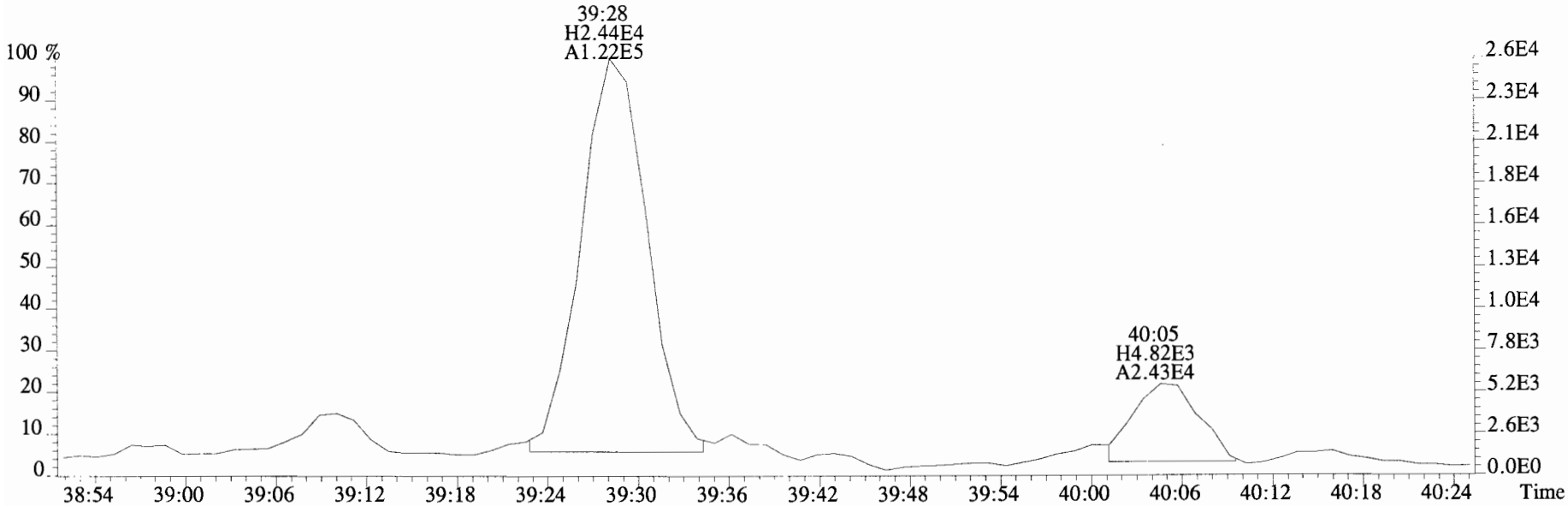
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



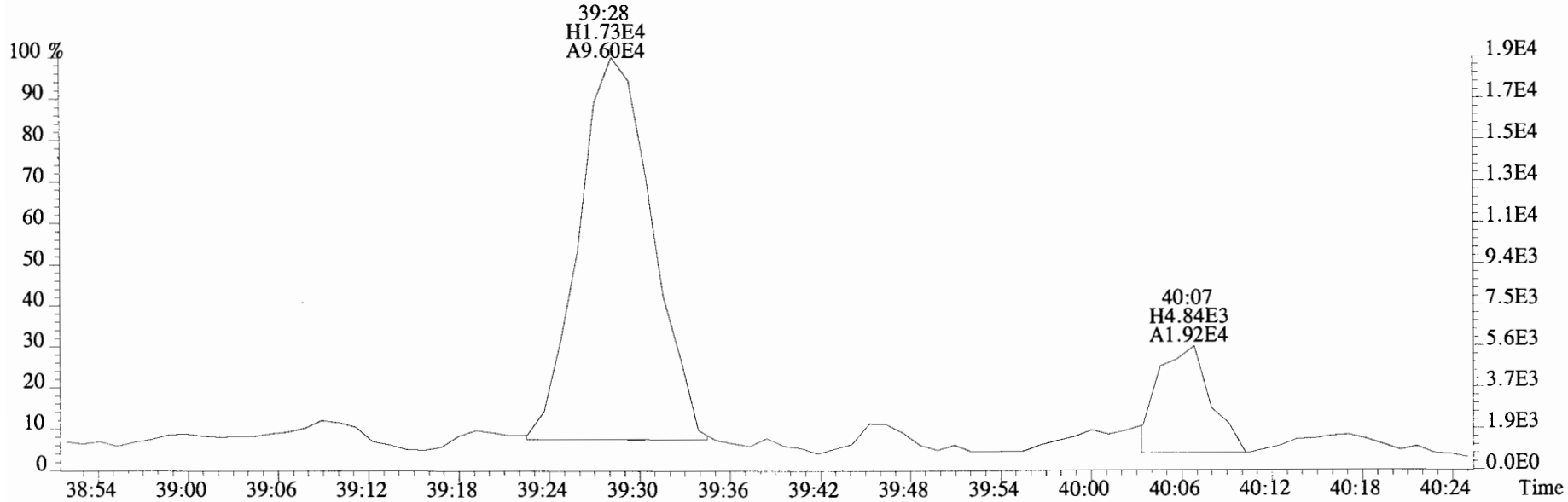
330.9792 S:3 F:3



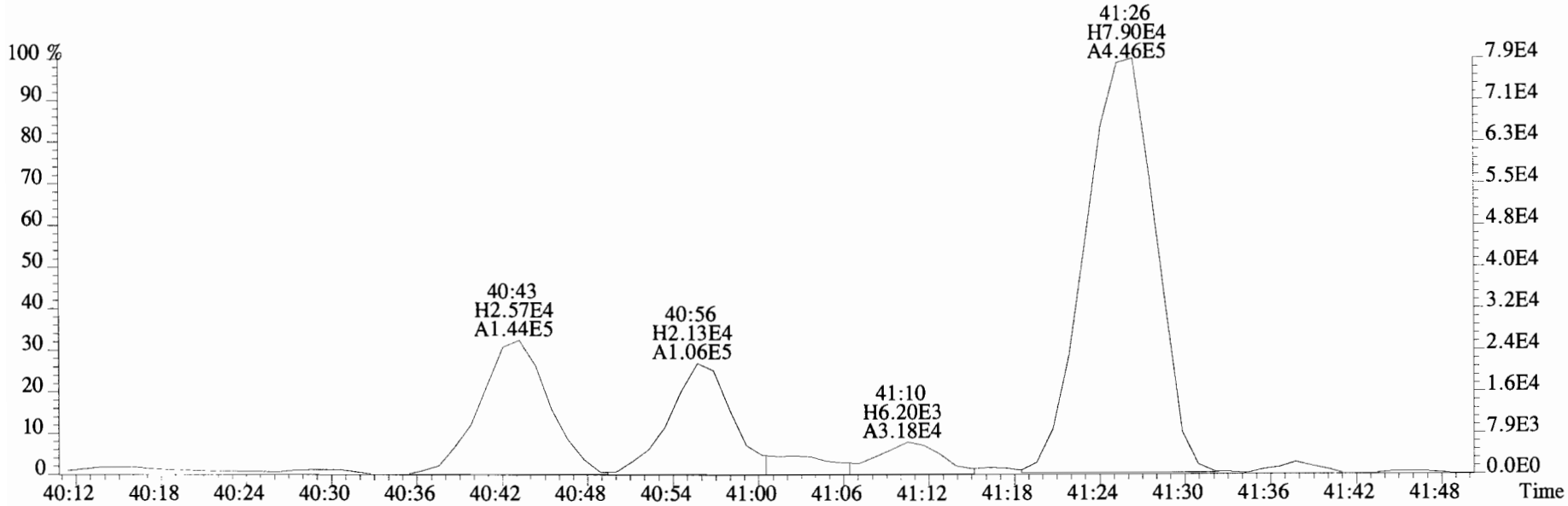
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



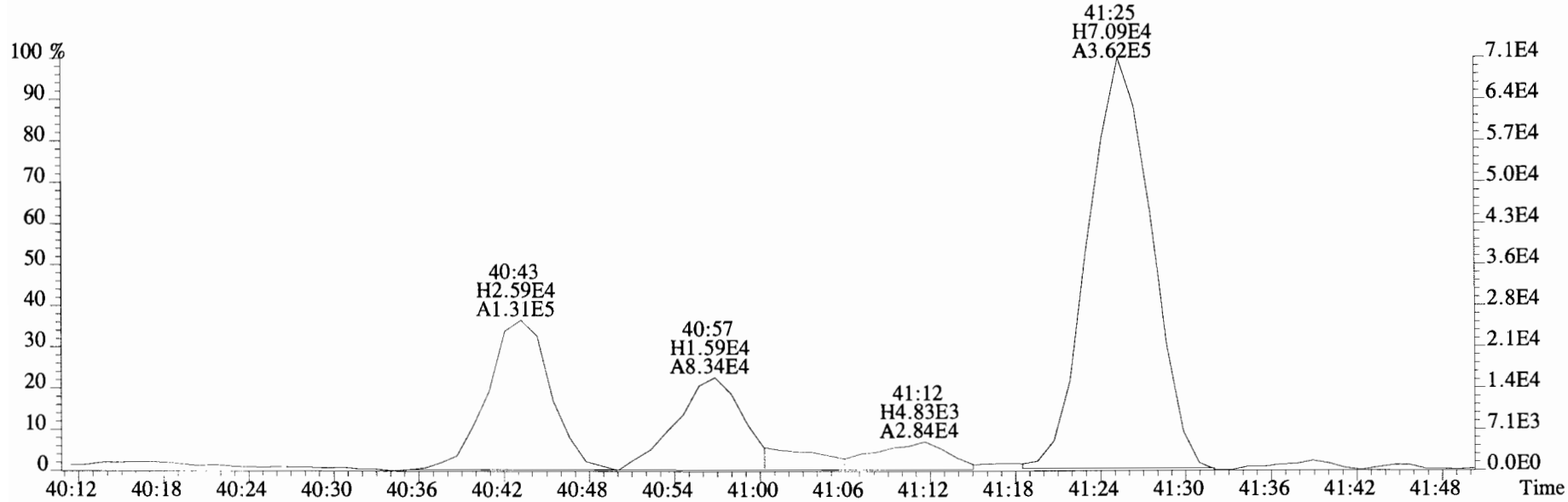
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



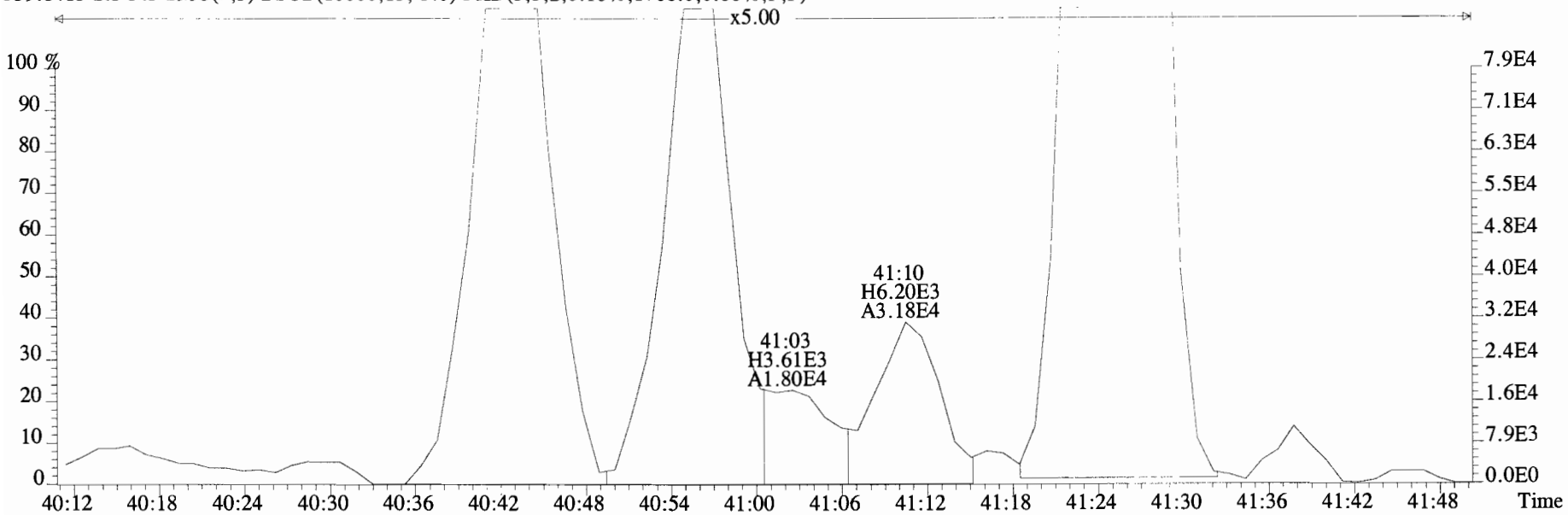
File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



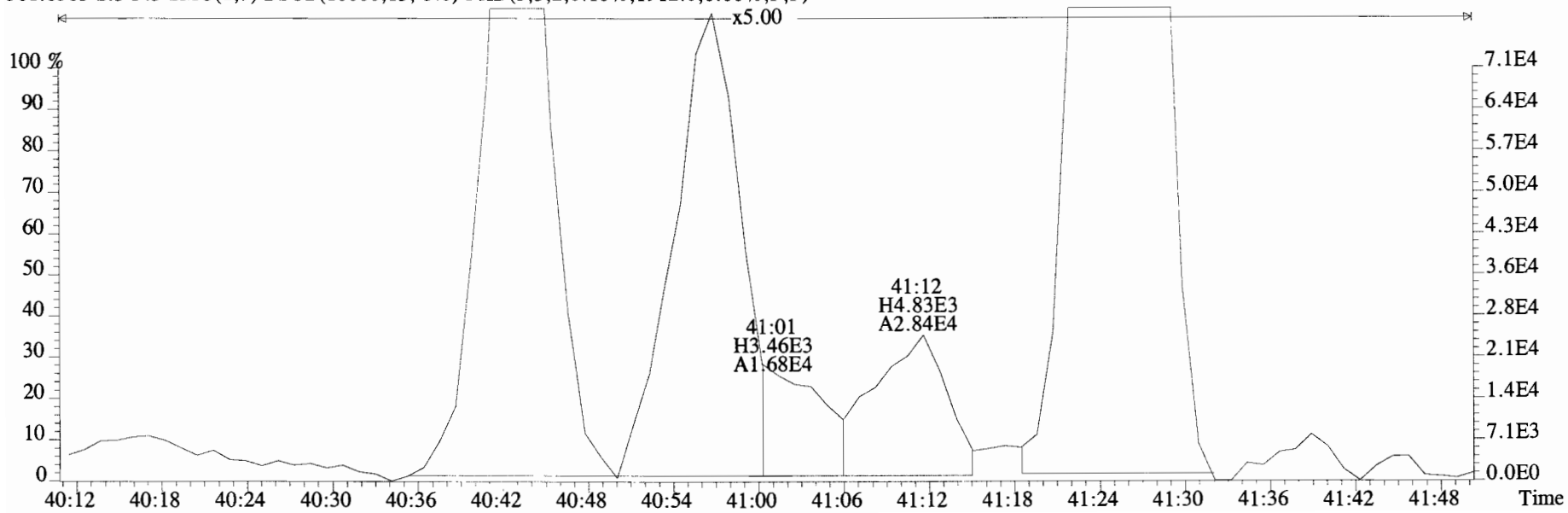
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



File:180409E3 #1-756 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)

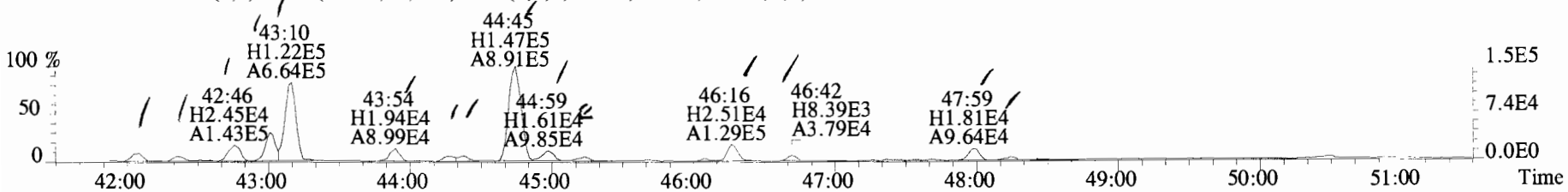


361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)

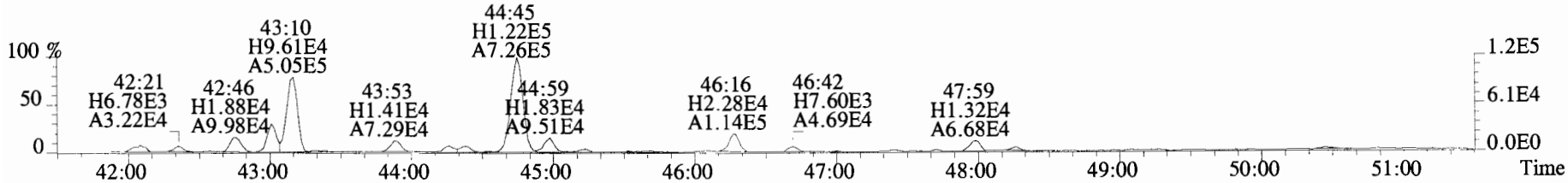


File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1

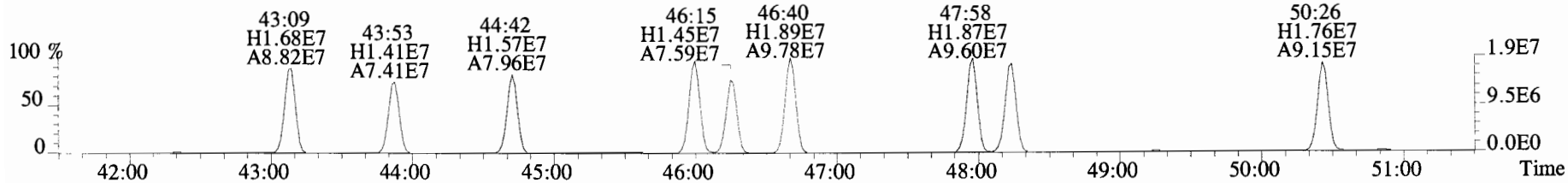
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



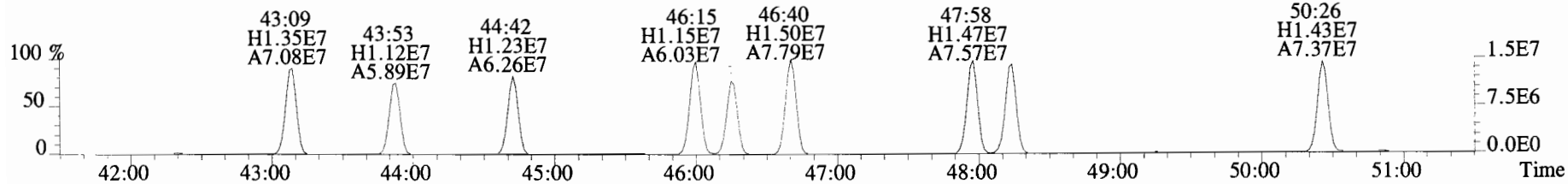
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



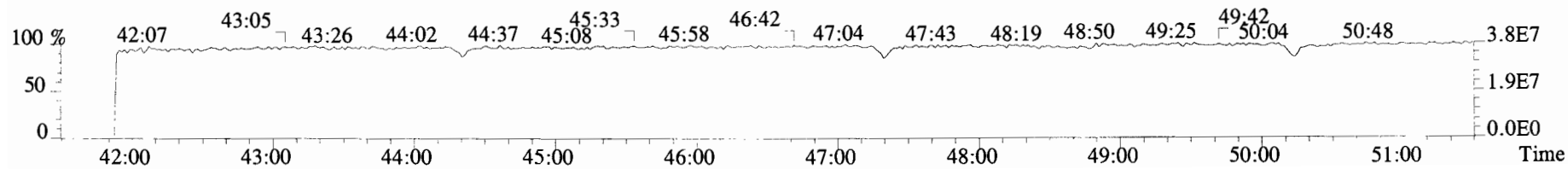
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17848.0,0.00%,F,F)



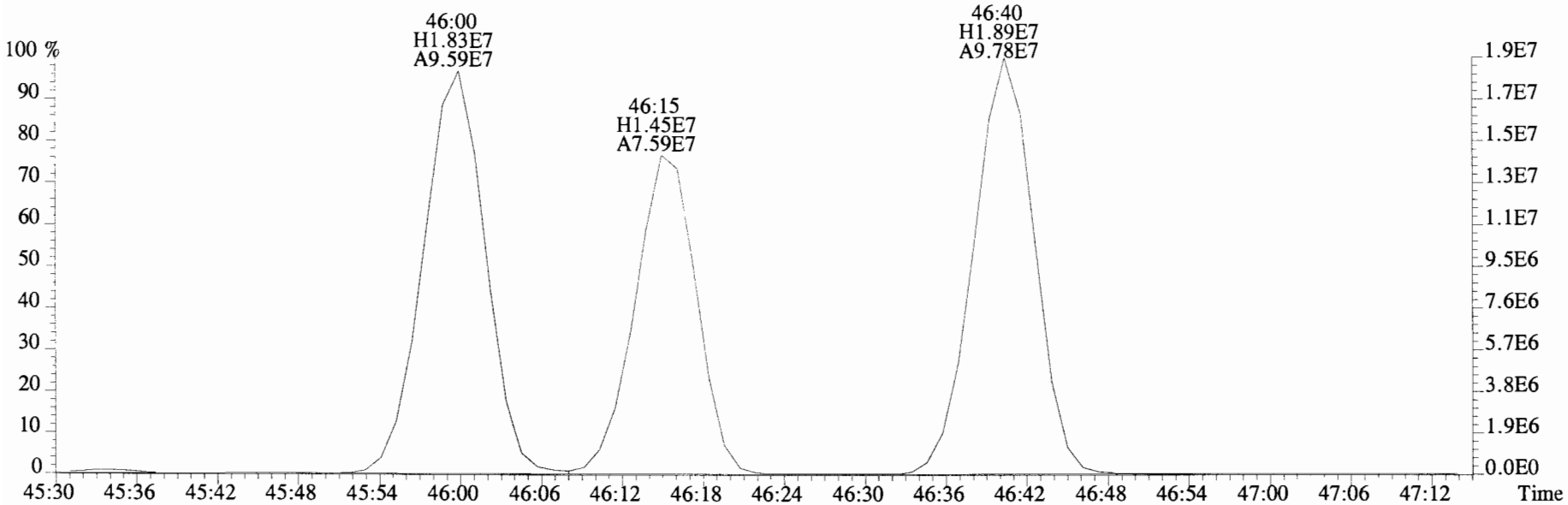
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11892.0,0.00%,F,F)



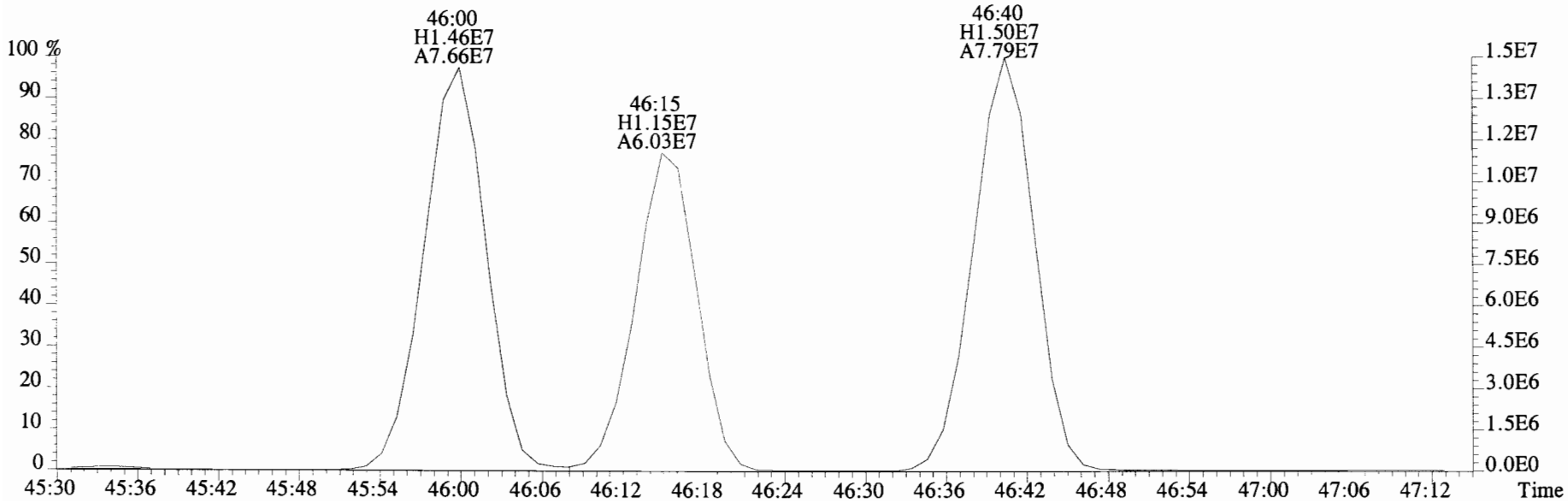
380.9760 S:3 F:4



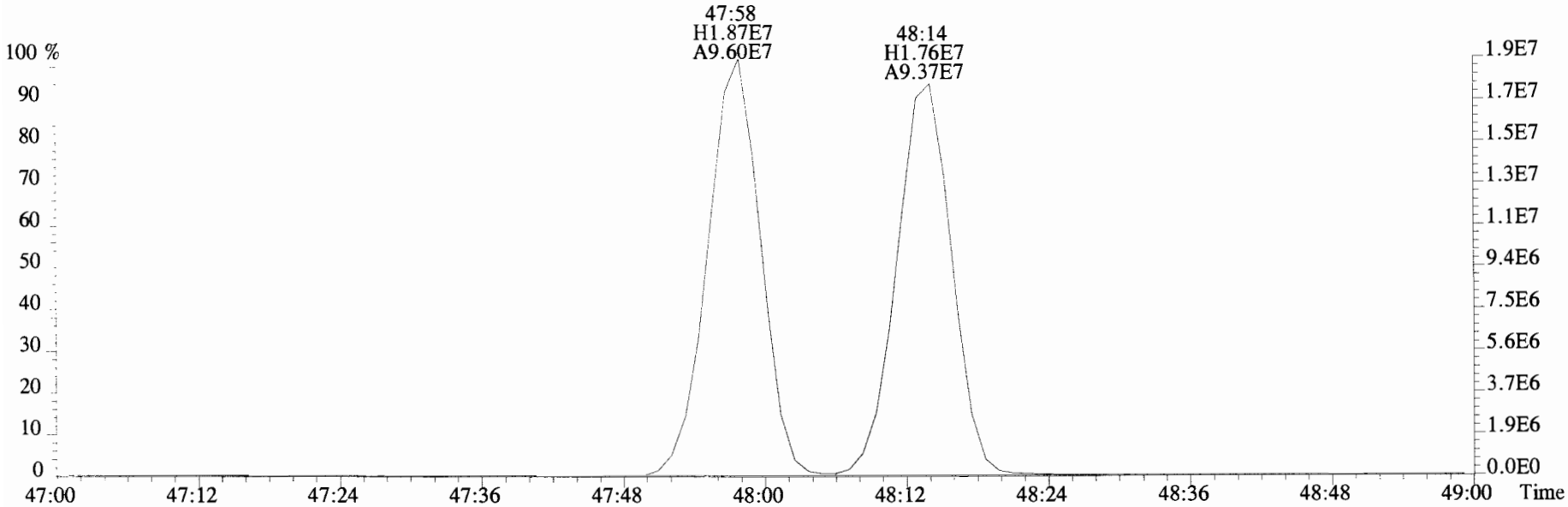
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17848.0,0.00%,F,F)



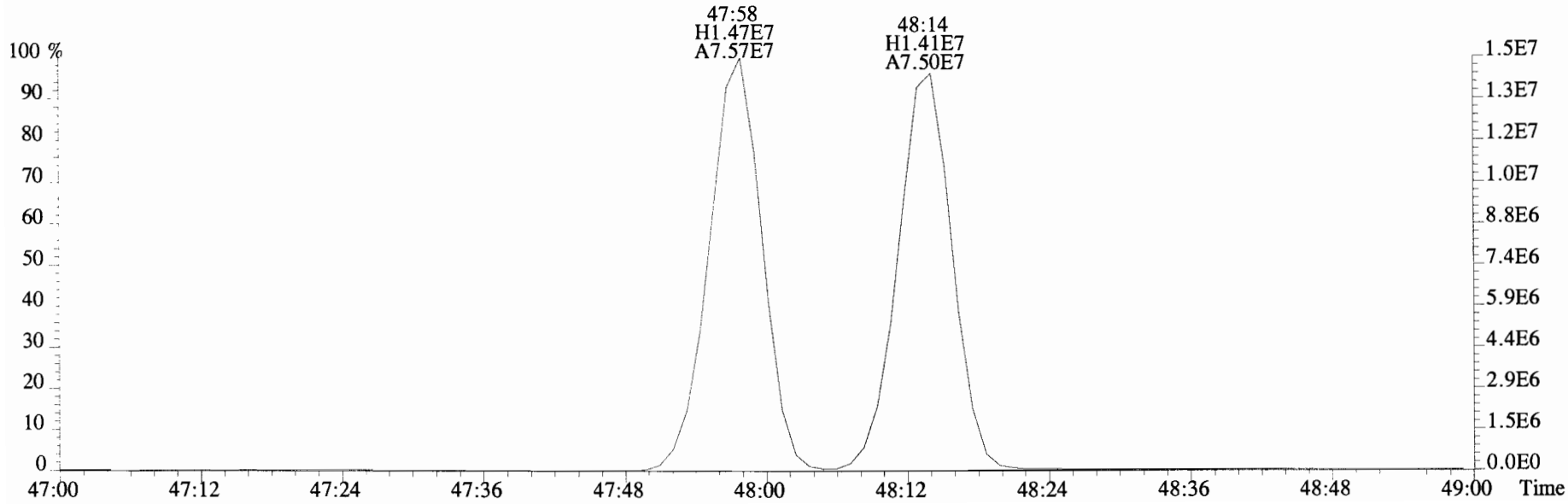
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11892.0,0.00%,F,F)



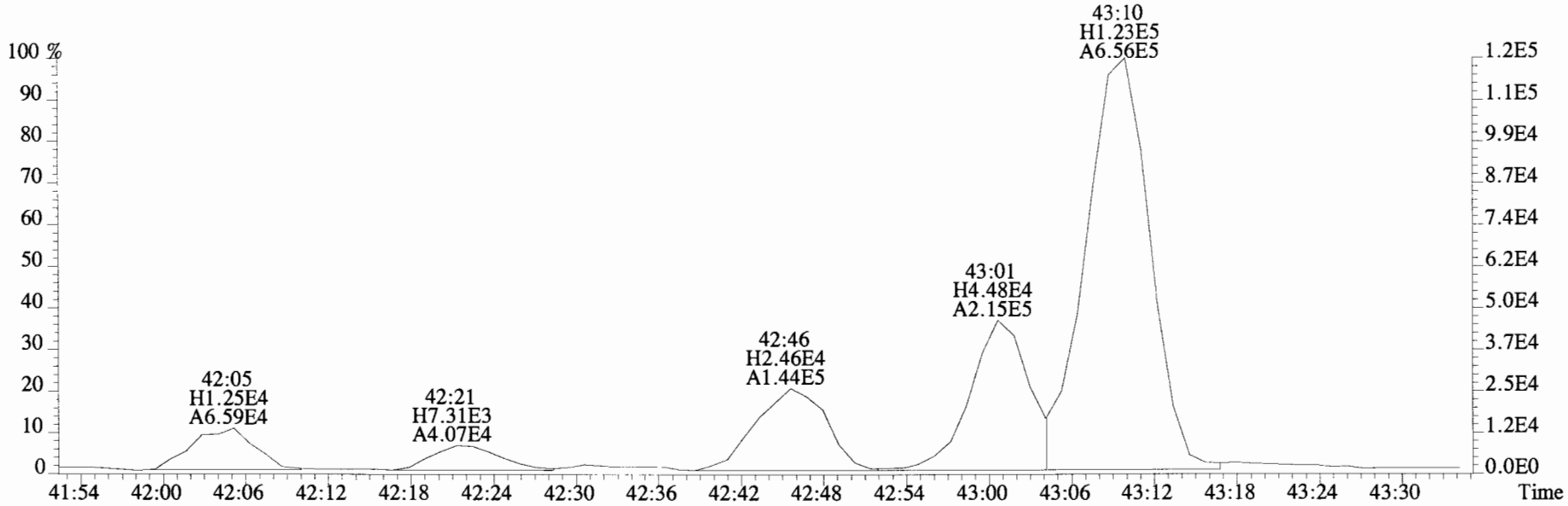
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17848.0,0.00%,F,F)



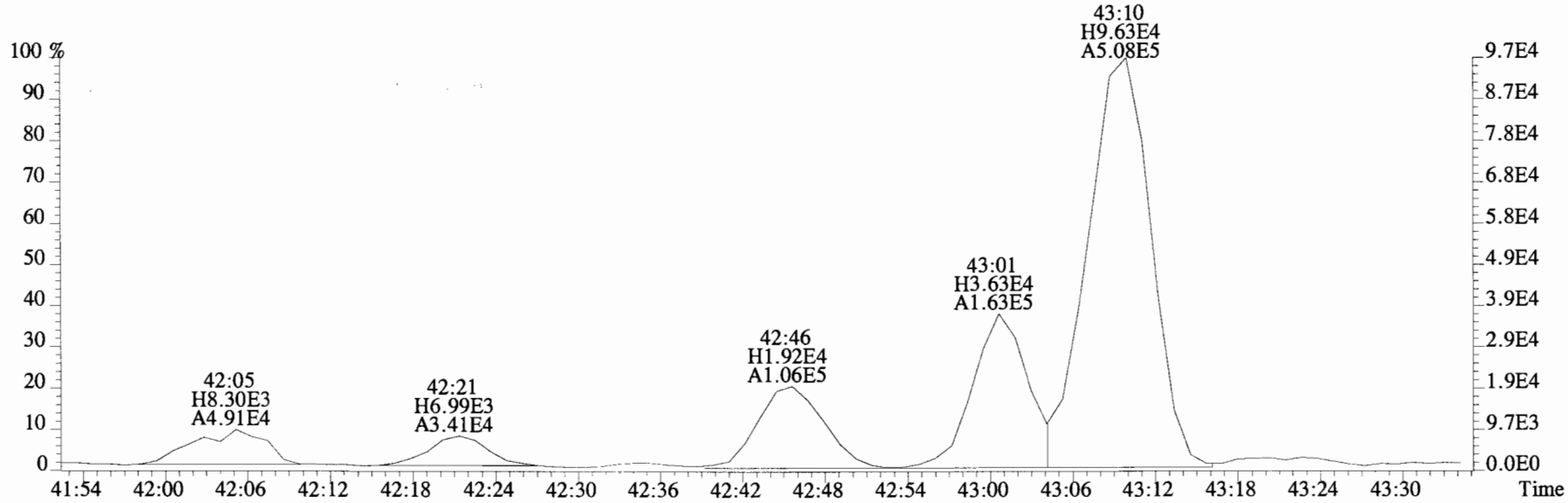
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11892.0,0.00%,F,F)



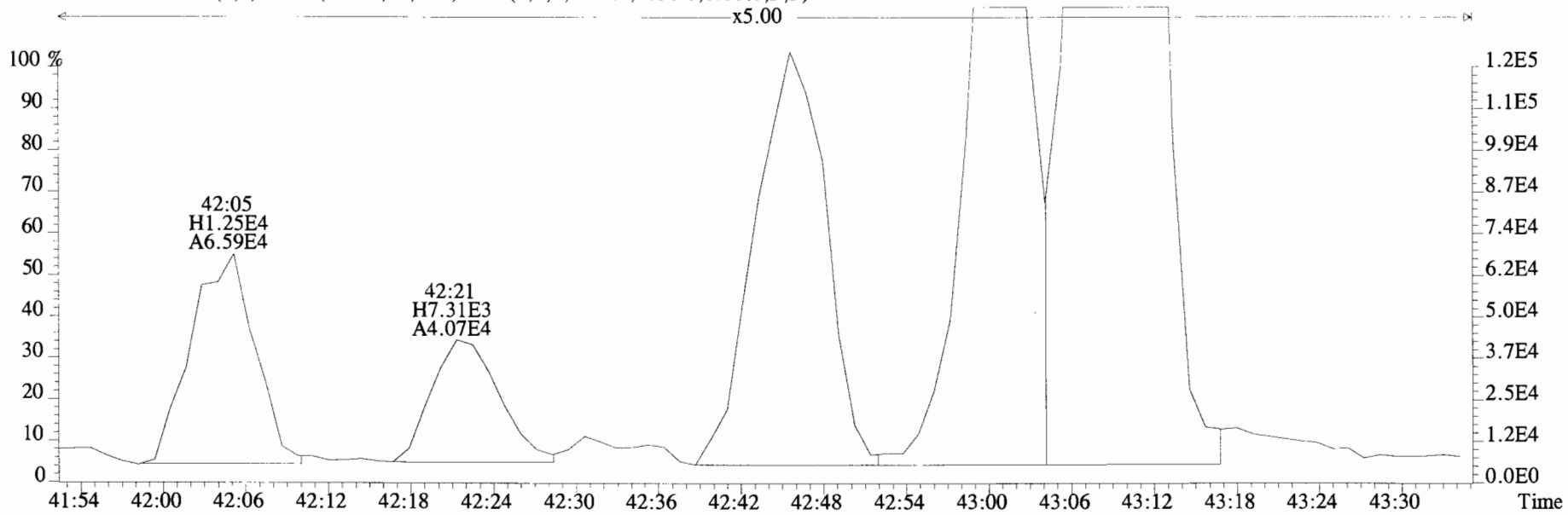
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



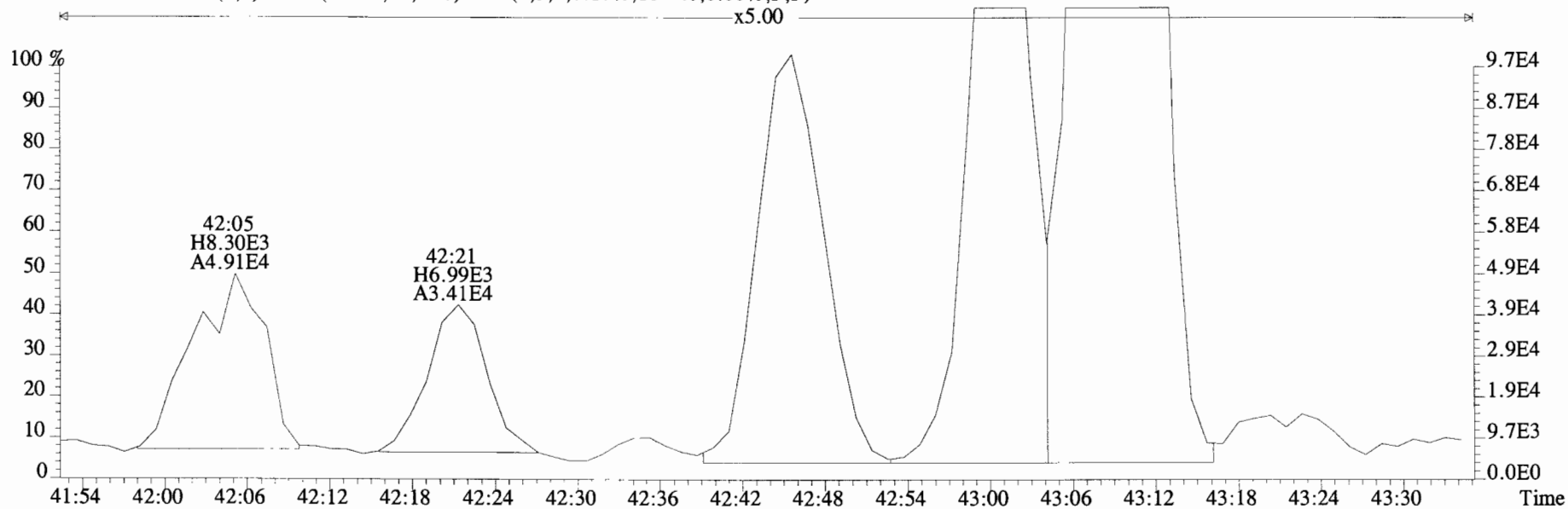
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



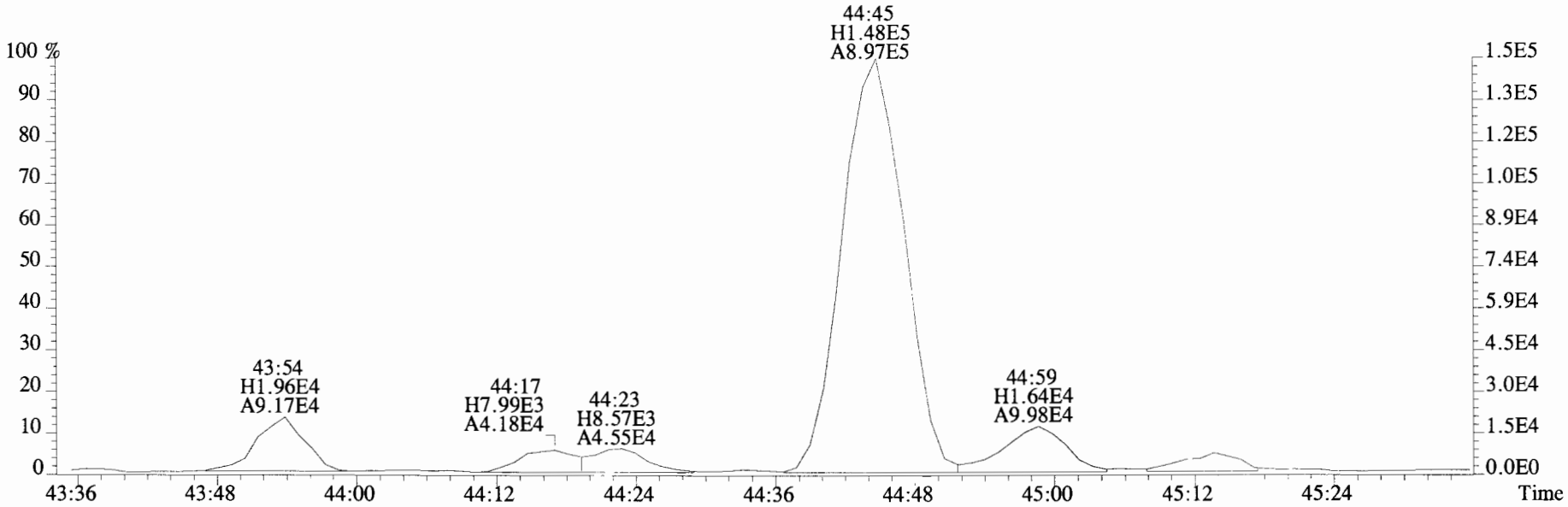
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



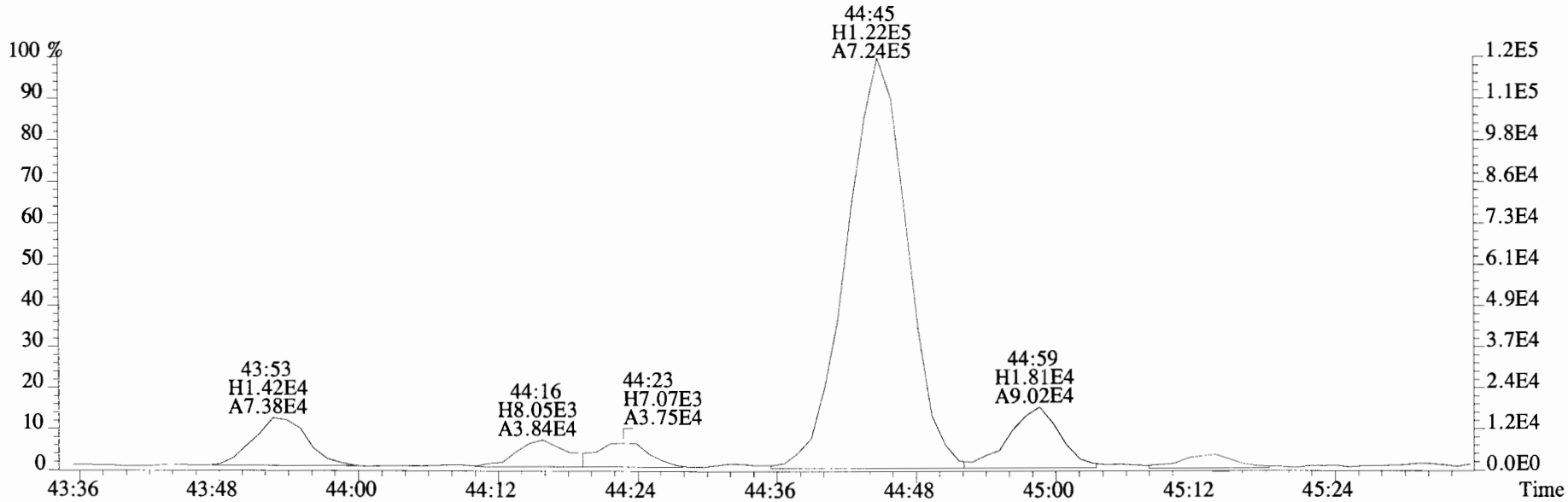
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



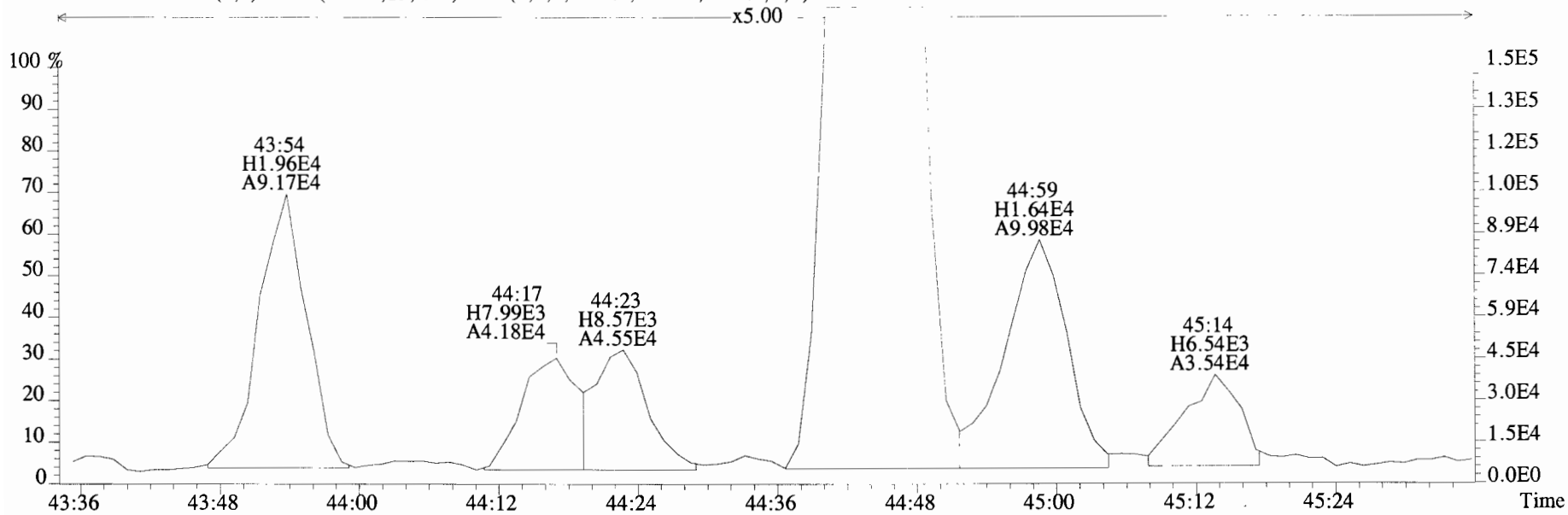
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



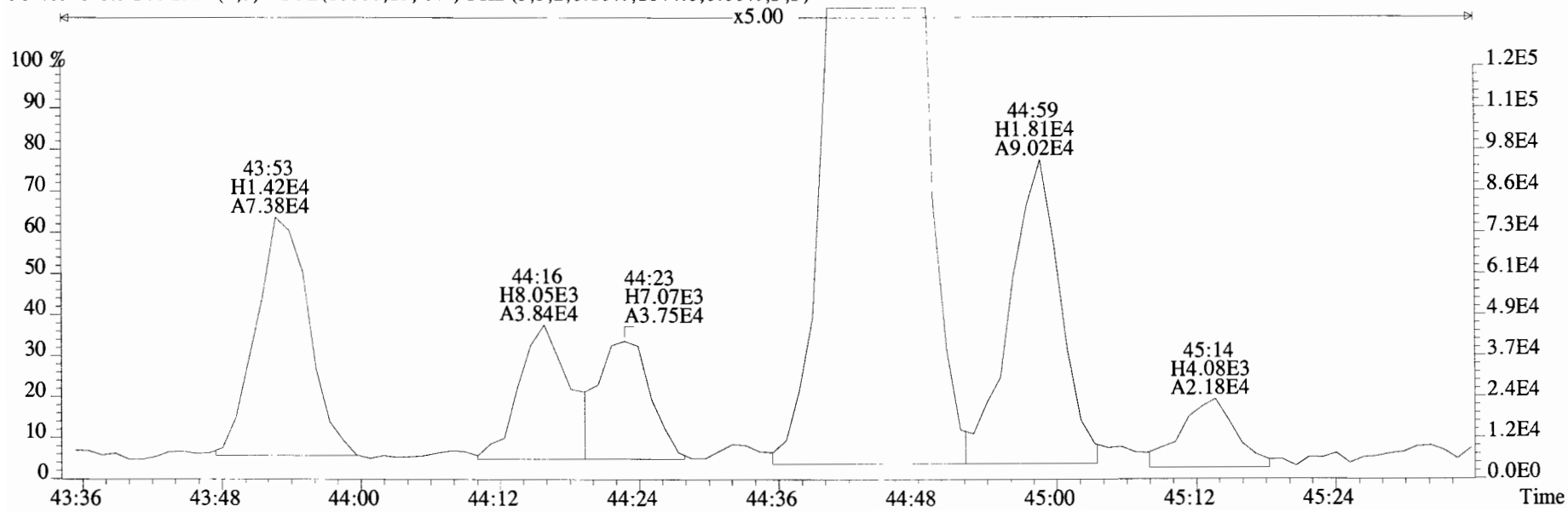
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



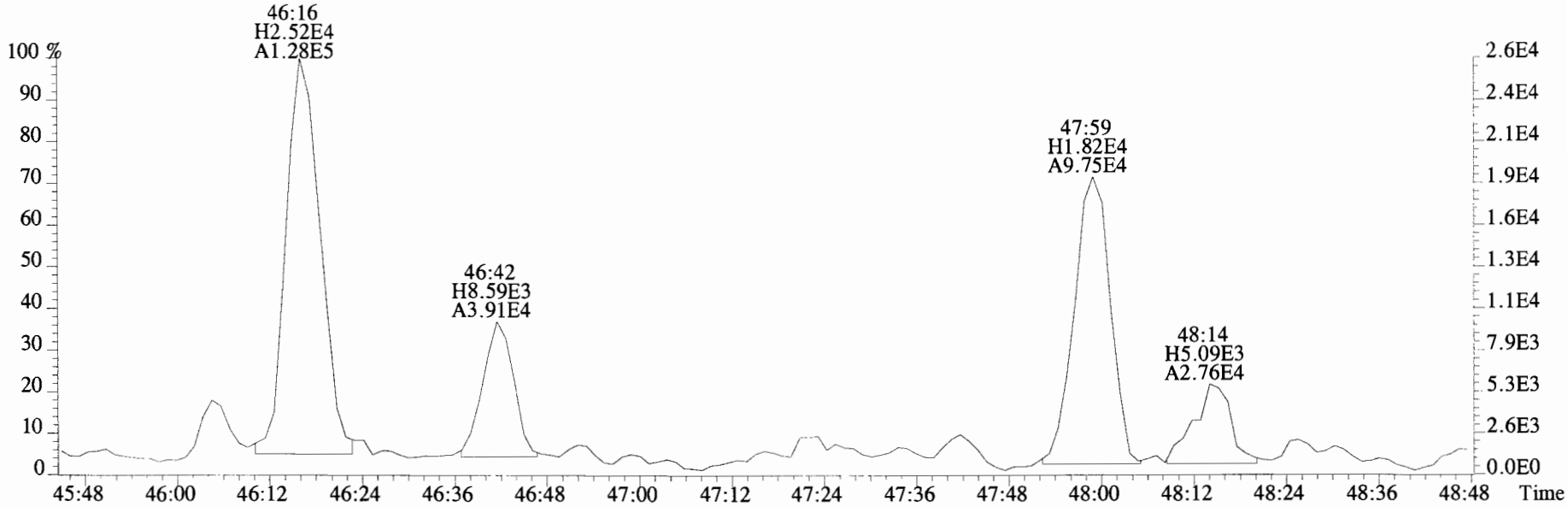
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



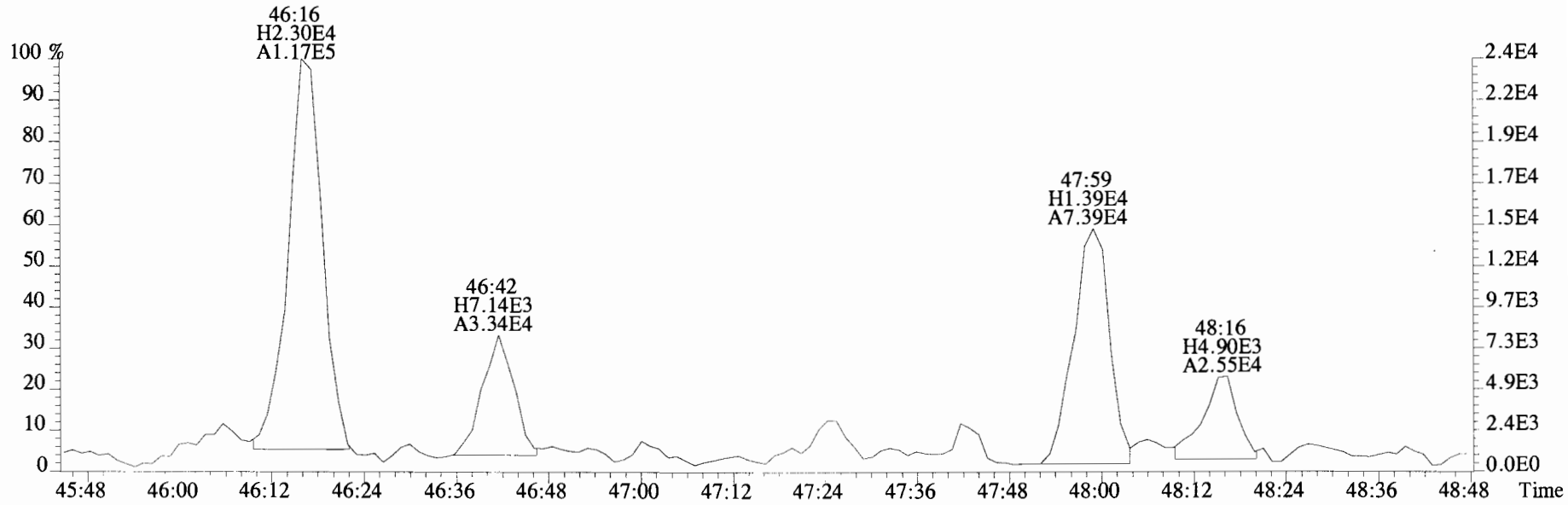
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



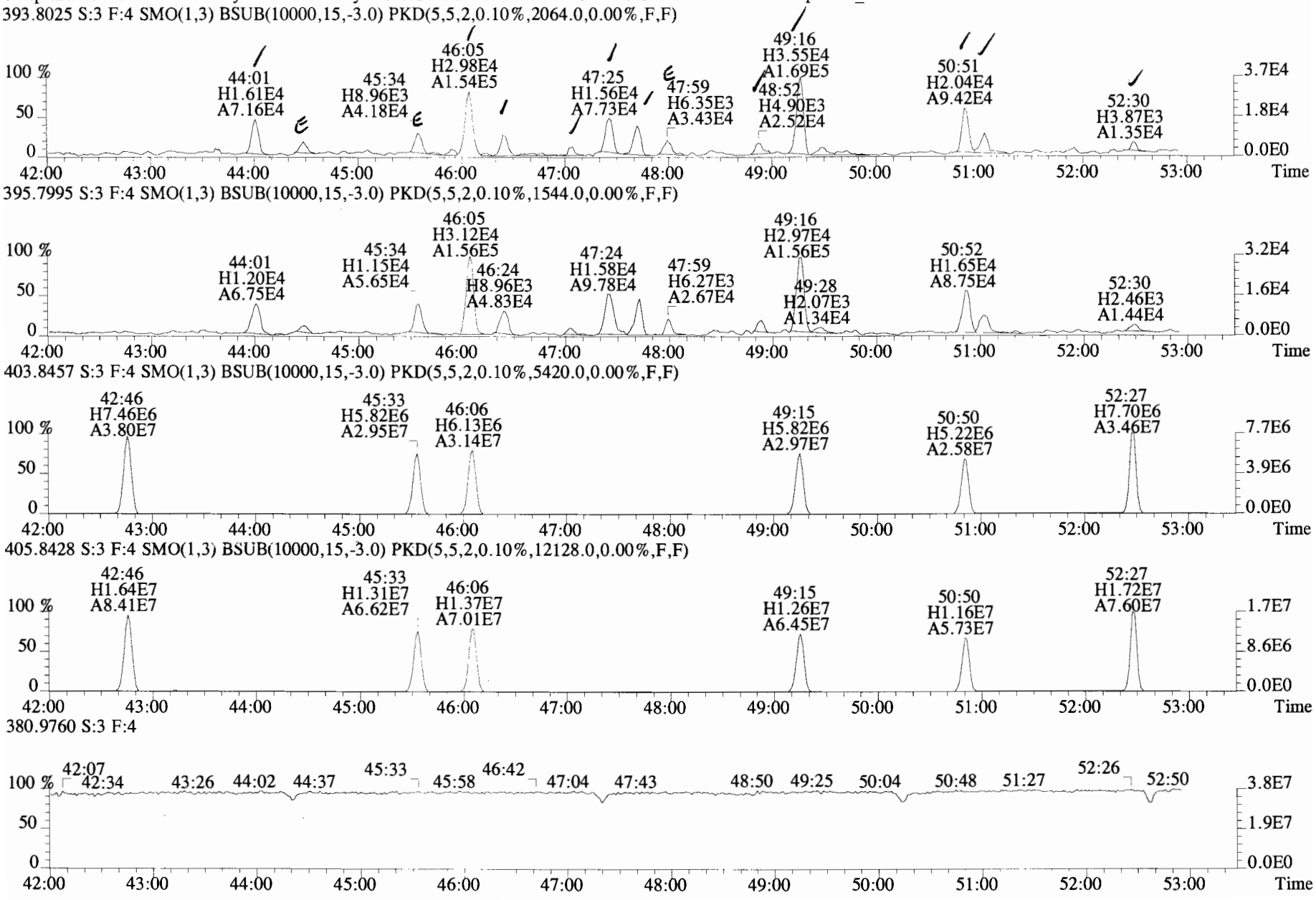
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2056.0,0.00%,F,F)



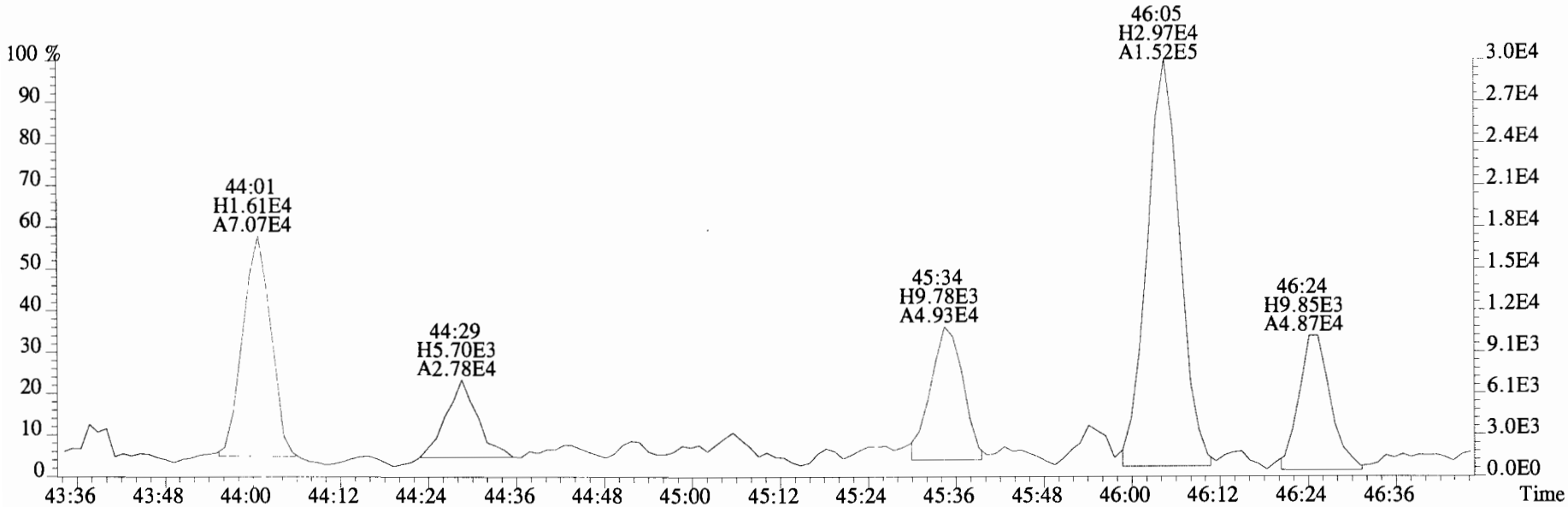
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1844.0,0.00%,F,F)



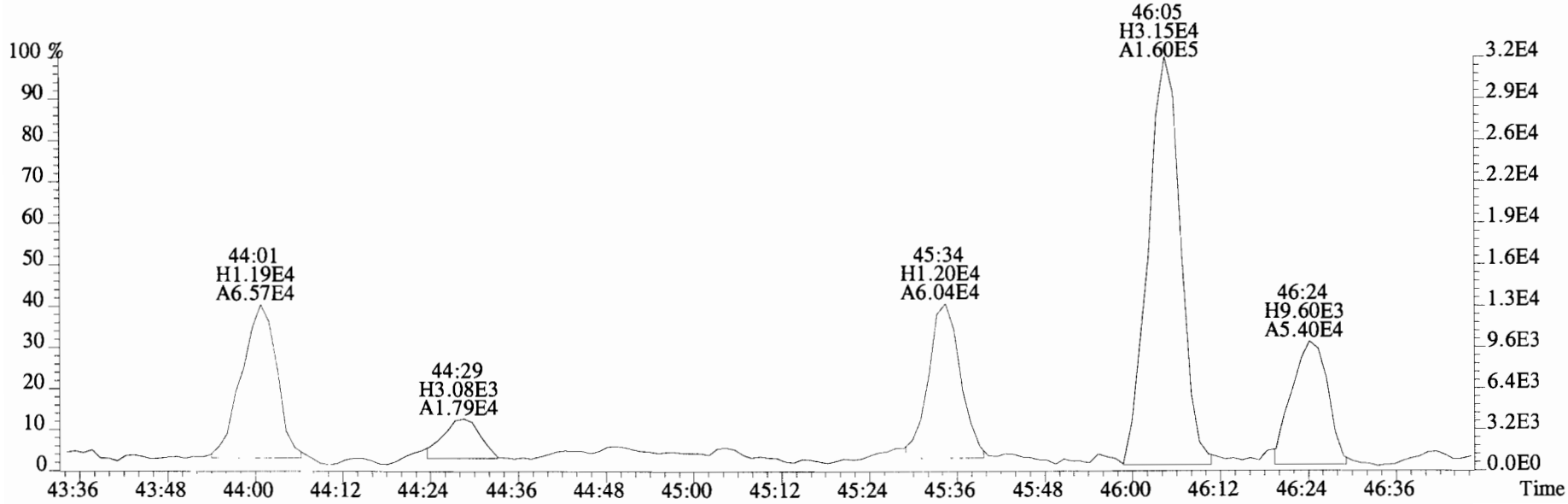
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1



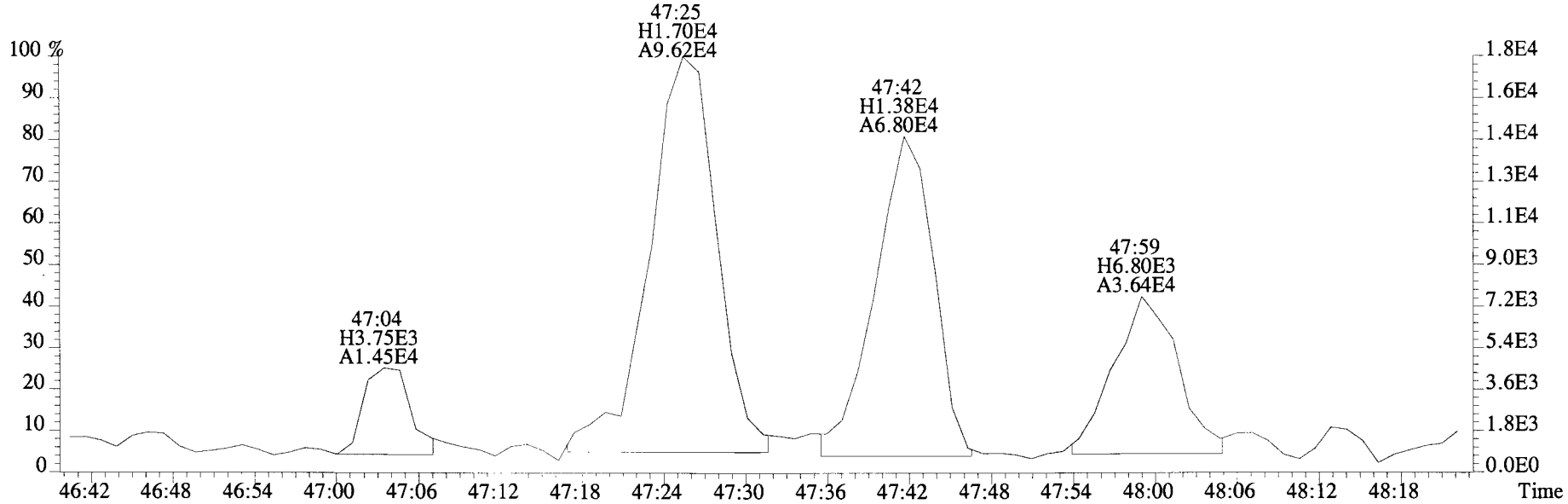
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)



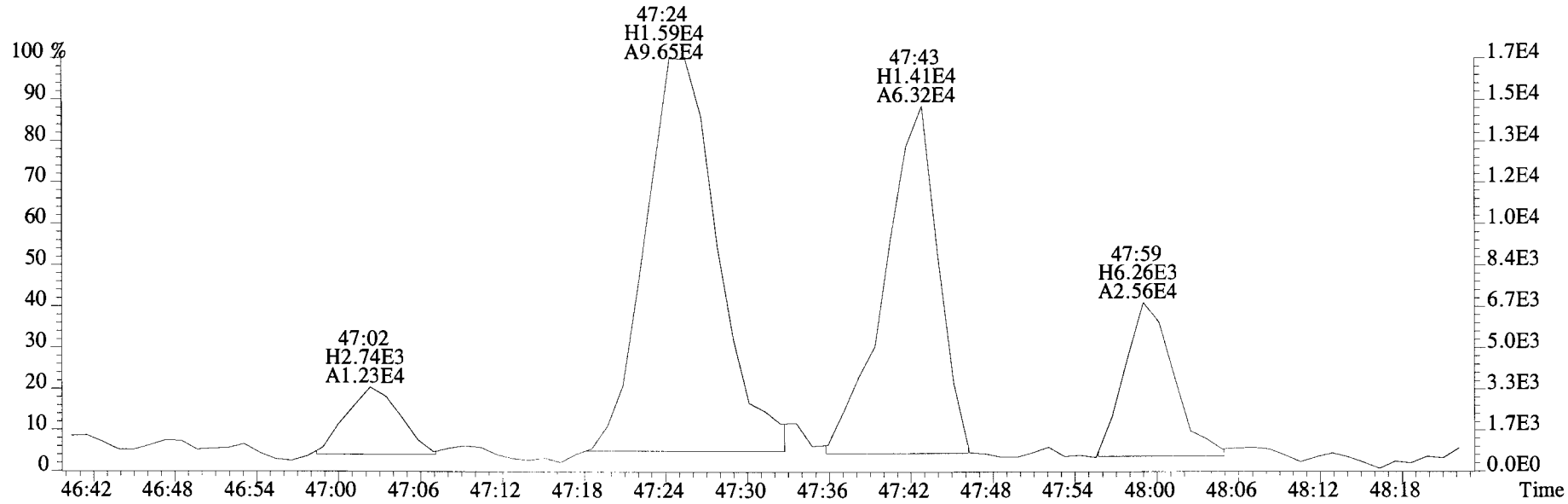
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



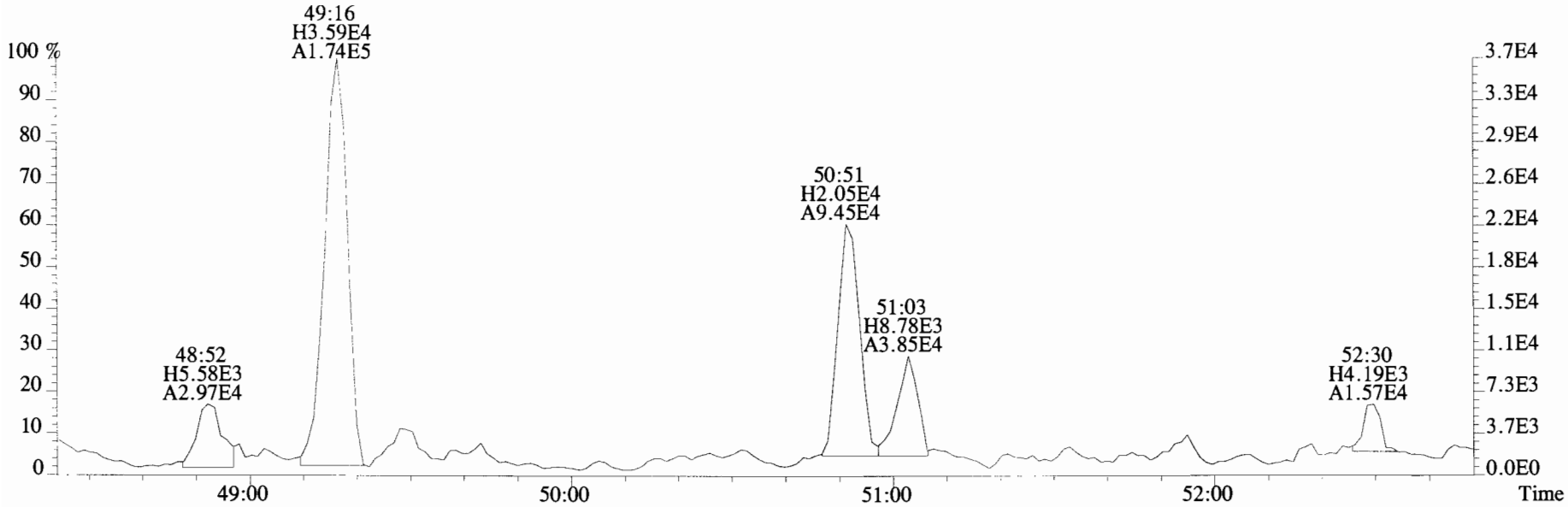
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)



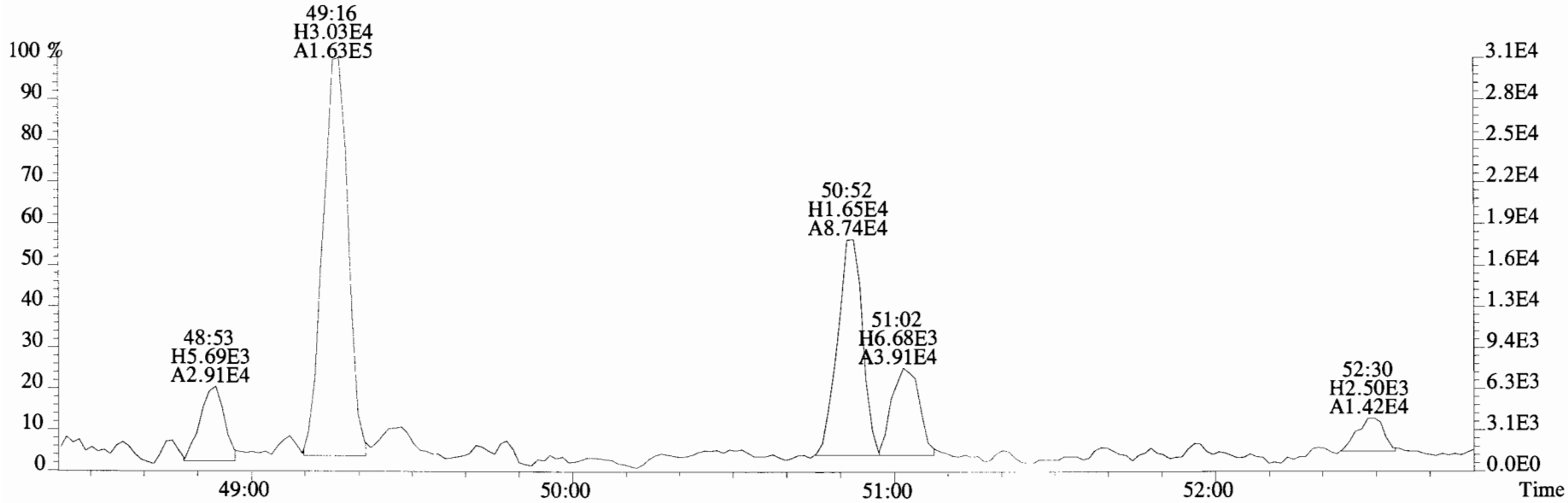
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)

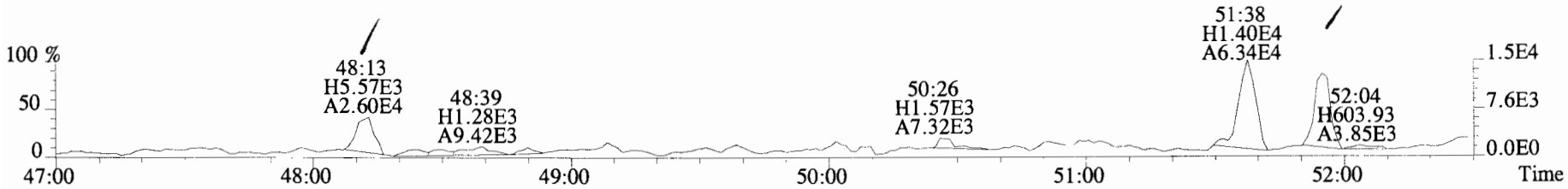


395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)

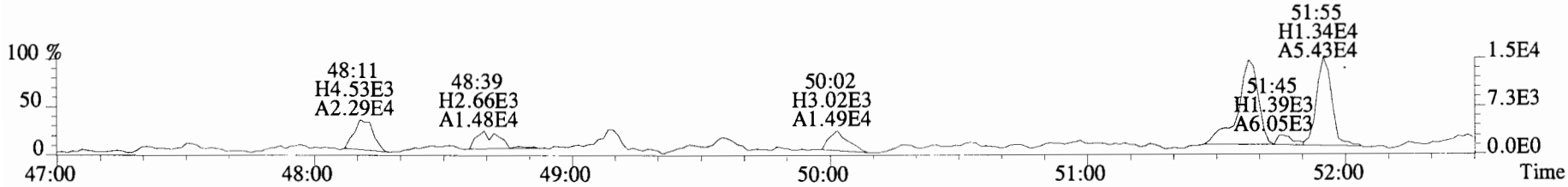


File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1

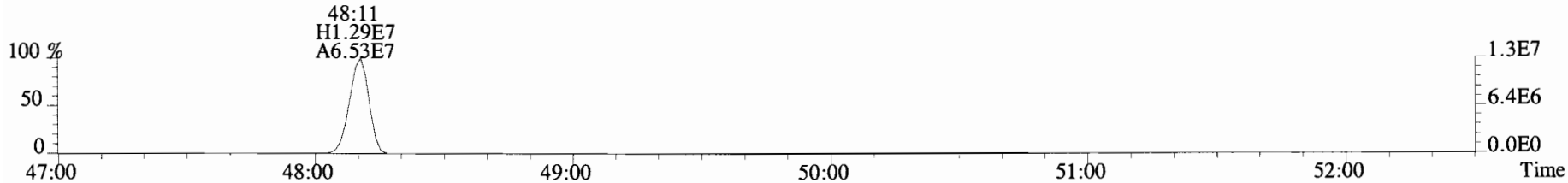
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



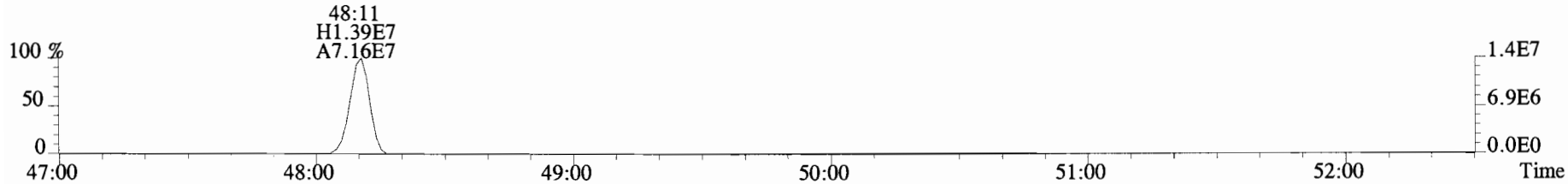
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



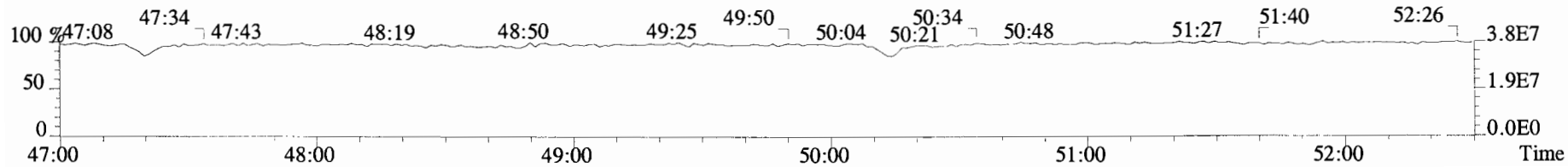
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1320.0,0.00%,F,F)



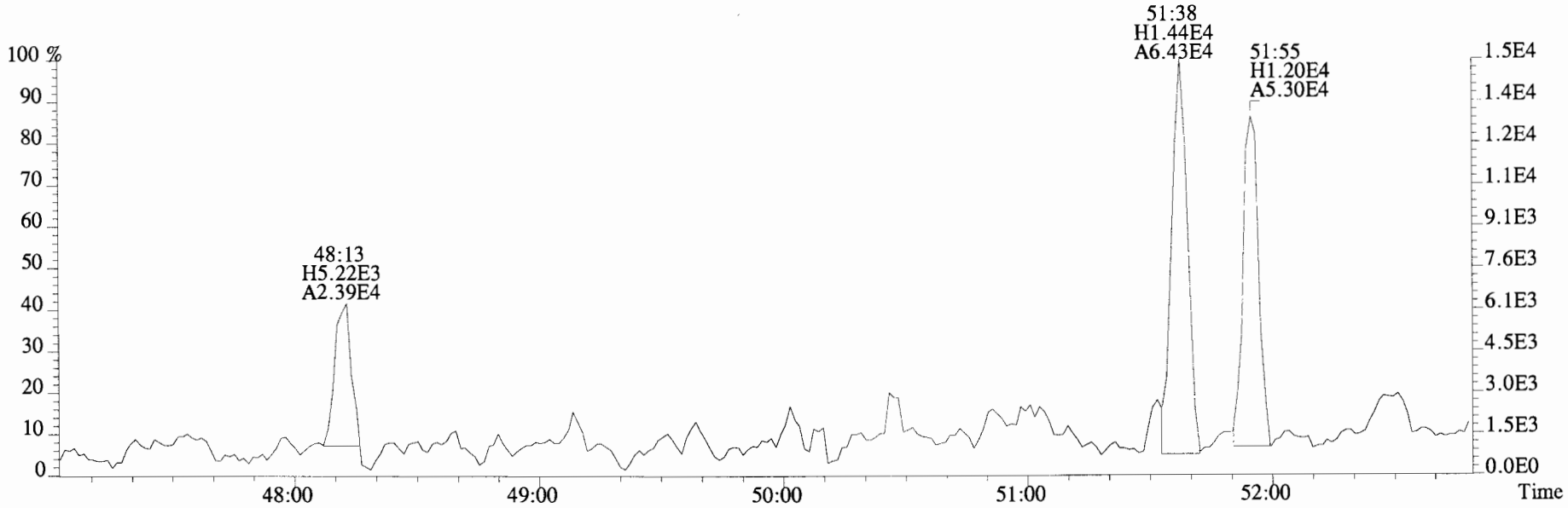
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



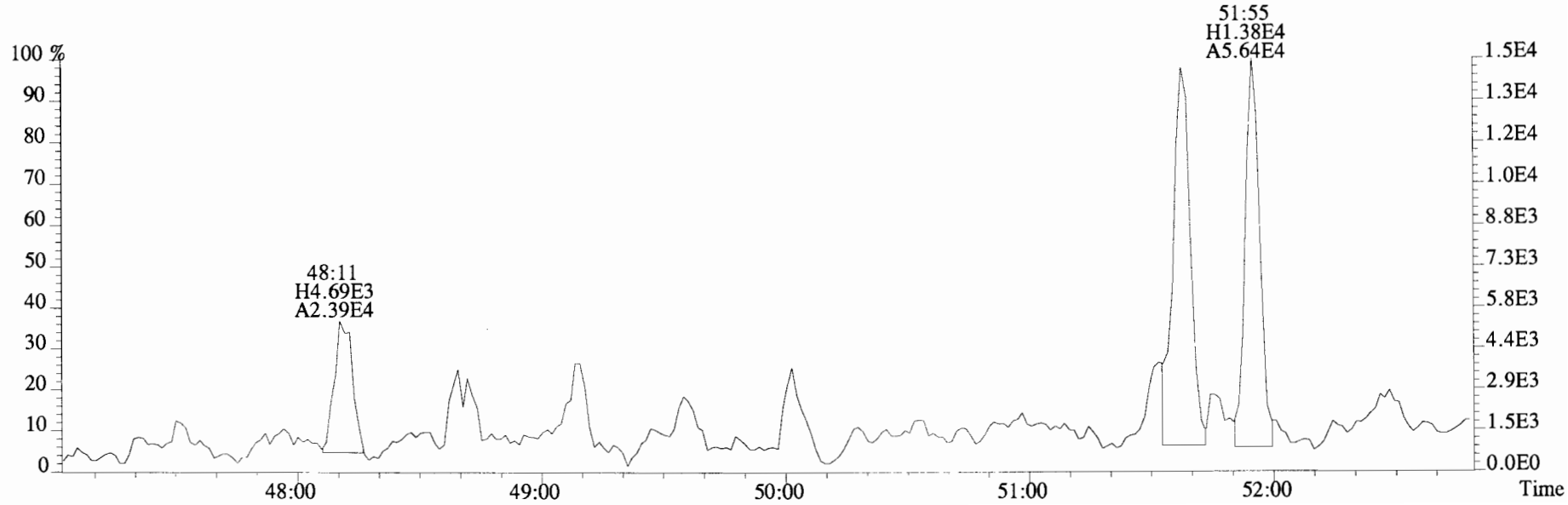
380.9760 S:3 F:4



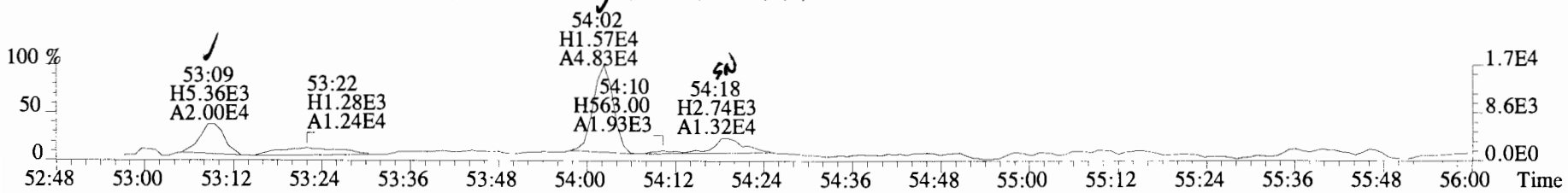
File:180409E3 #1-574 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1636.0,0.00%,F,F)



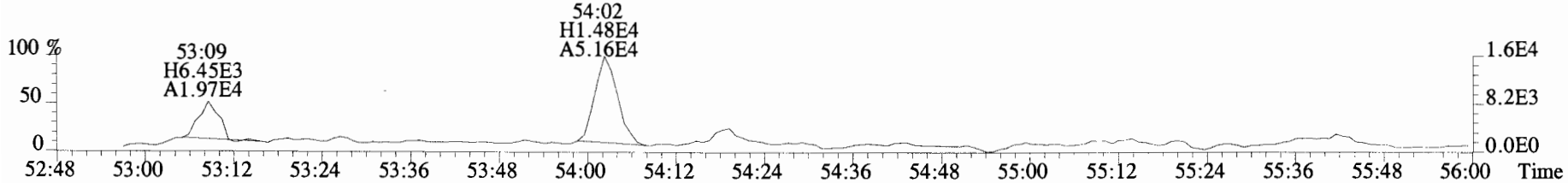
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



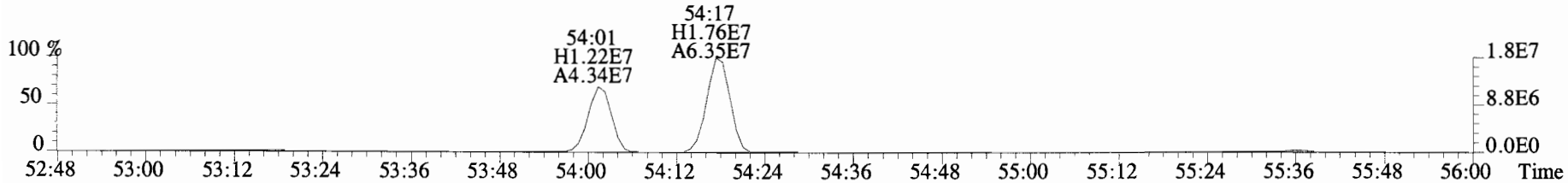
File:180409E3 #1-407 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



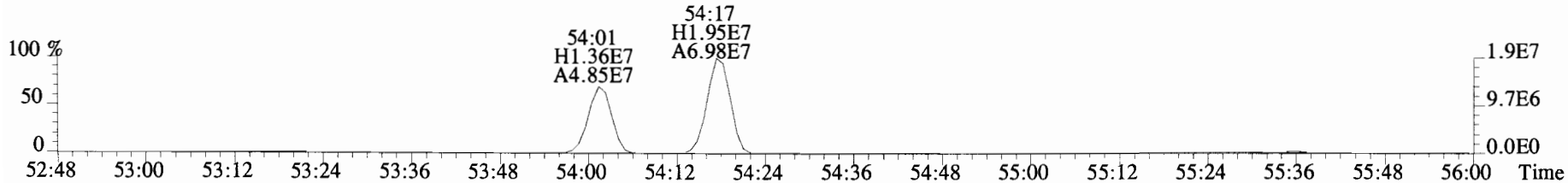
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



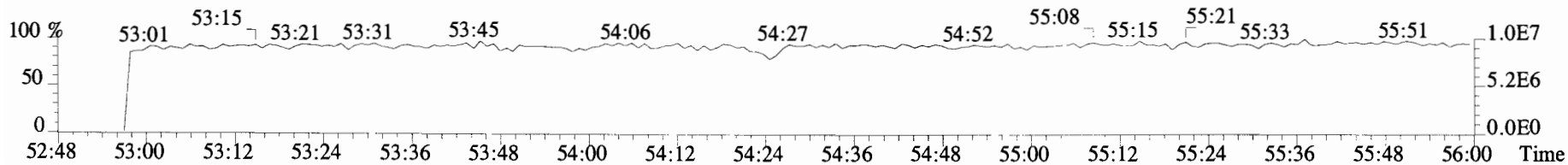
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4468.0,0.00%,F,F)



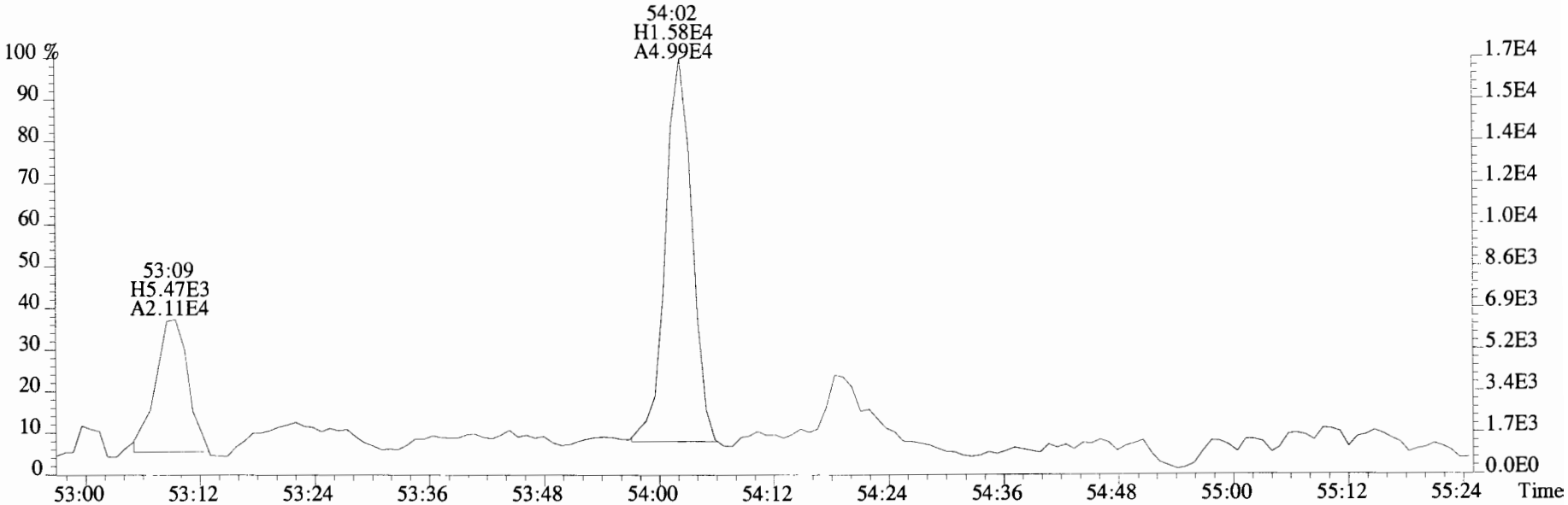
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



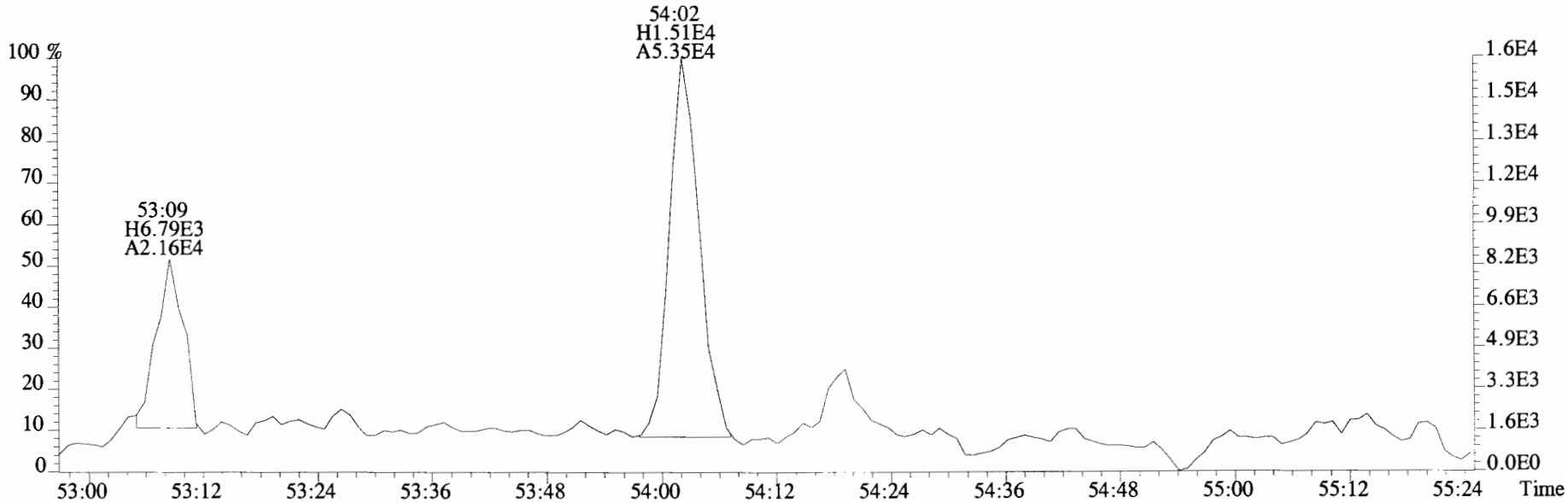
492.9697 S:3 F:5



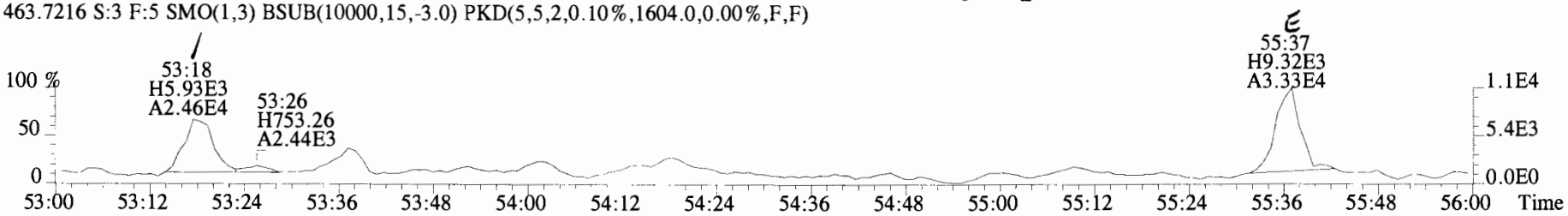
File:180409E3 #1-407 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



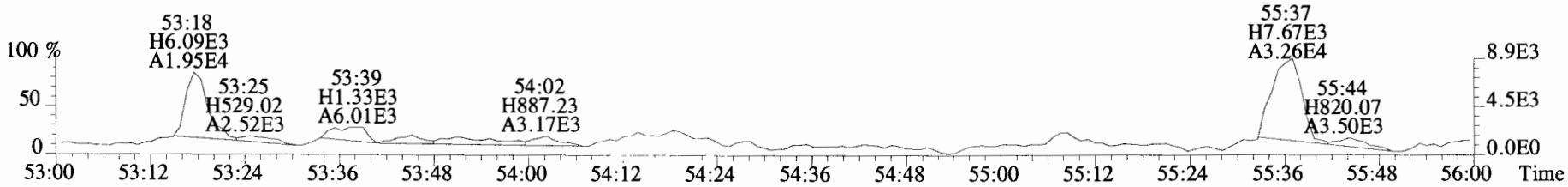
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



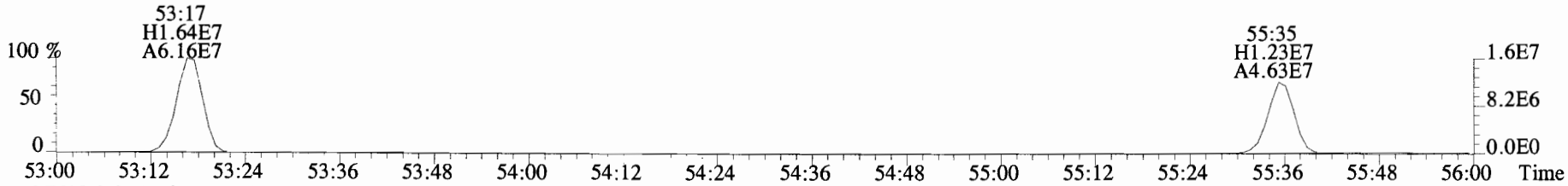
File:180409E3 #1-407 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



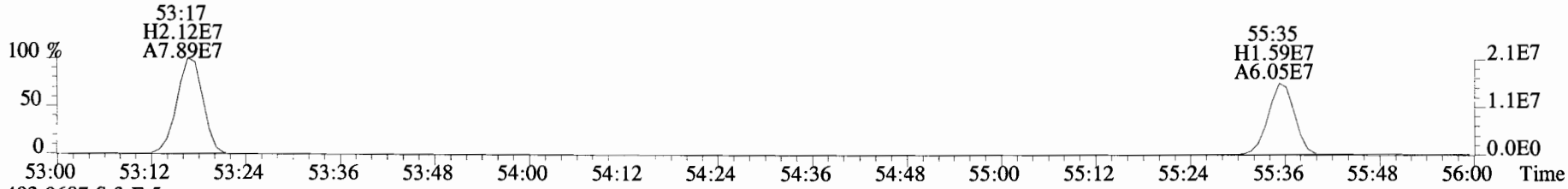
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)



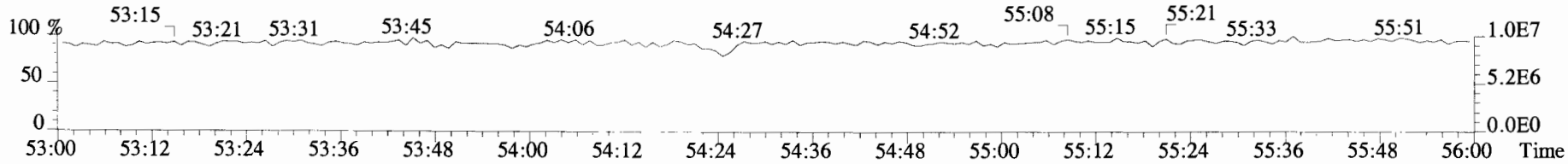
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23768.0,0.00%,F,F)



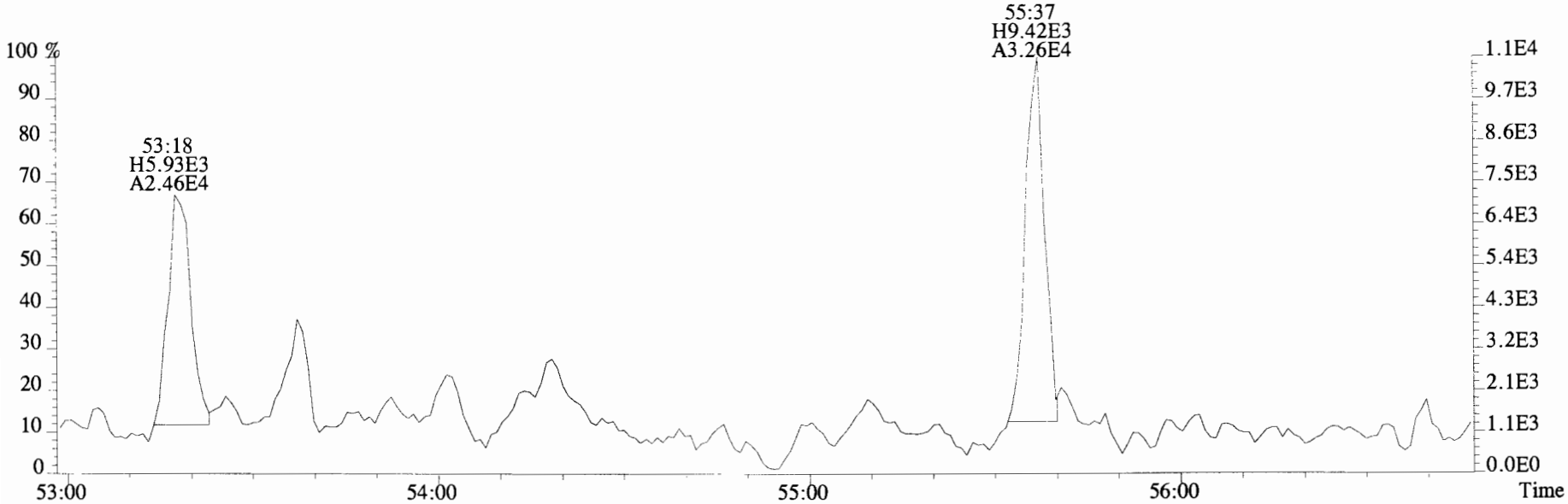
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31948.0,0.00%,F,F)



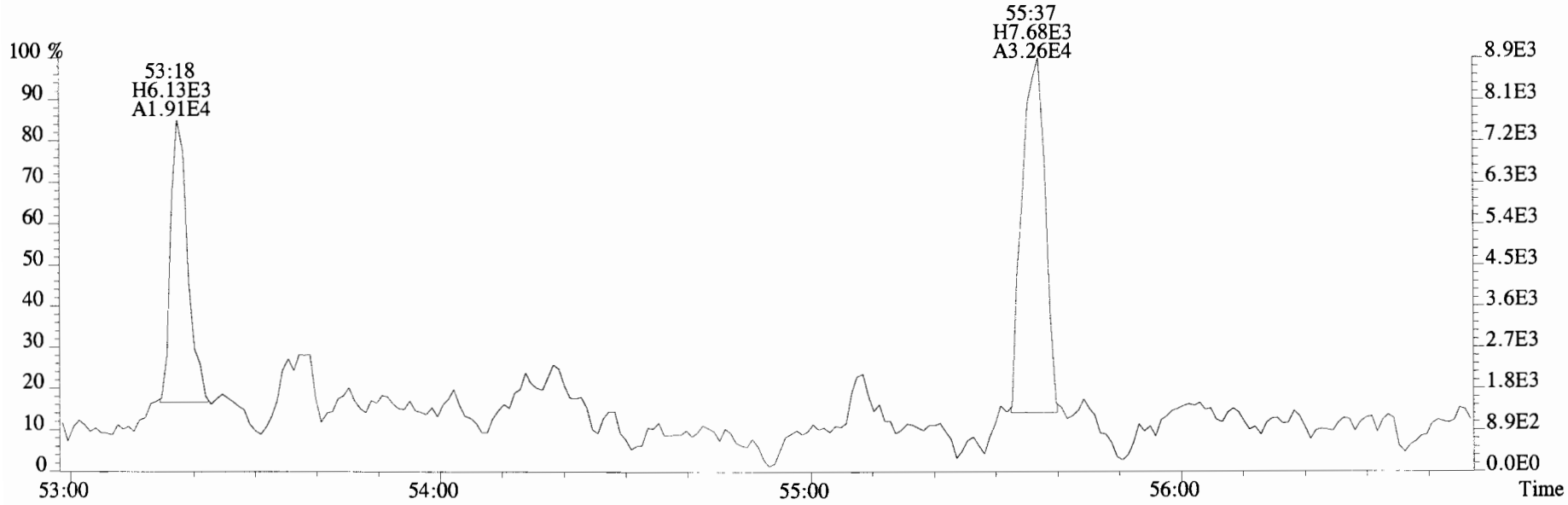
492.9697 S:3 F:5



File:180409E3 #1-407 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)

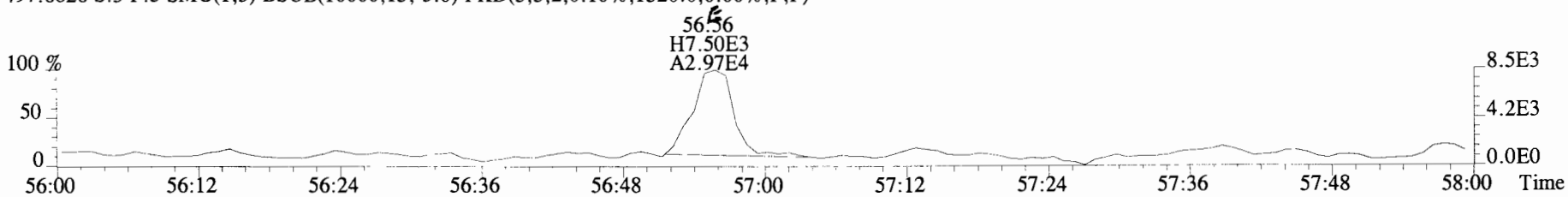


465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)

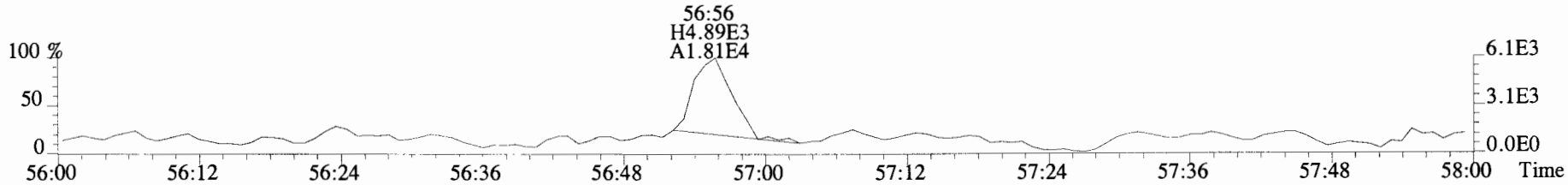


File:180409E3 #1-407 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1

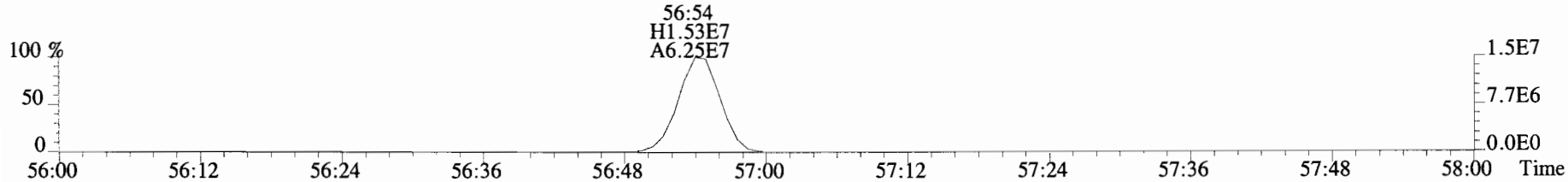
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



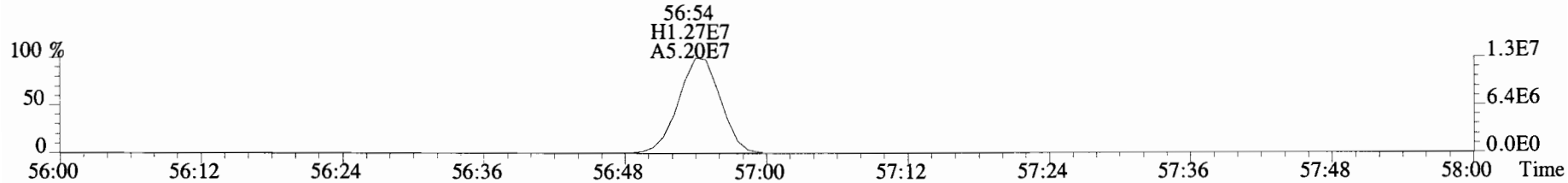
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



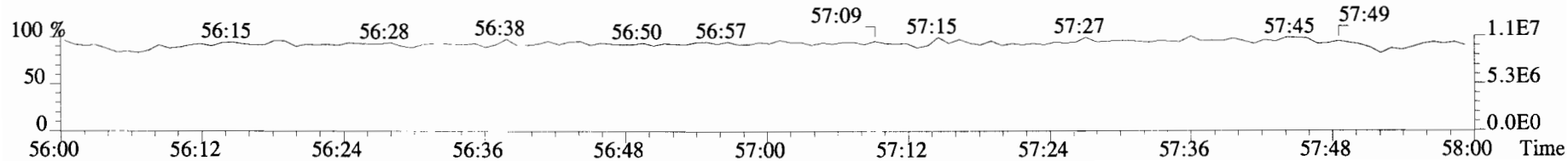
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1440.0,0.00%,F,F)



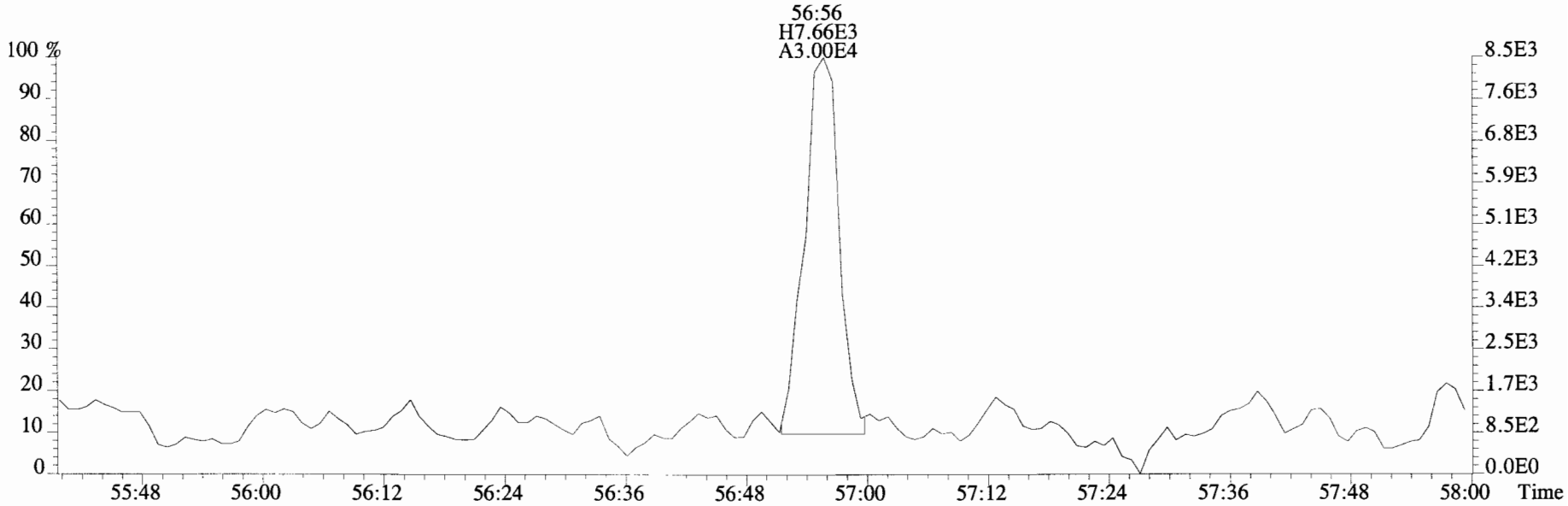
511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1580.0,0.00%,F,F)



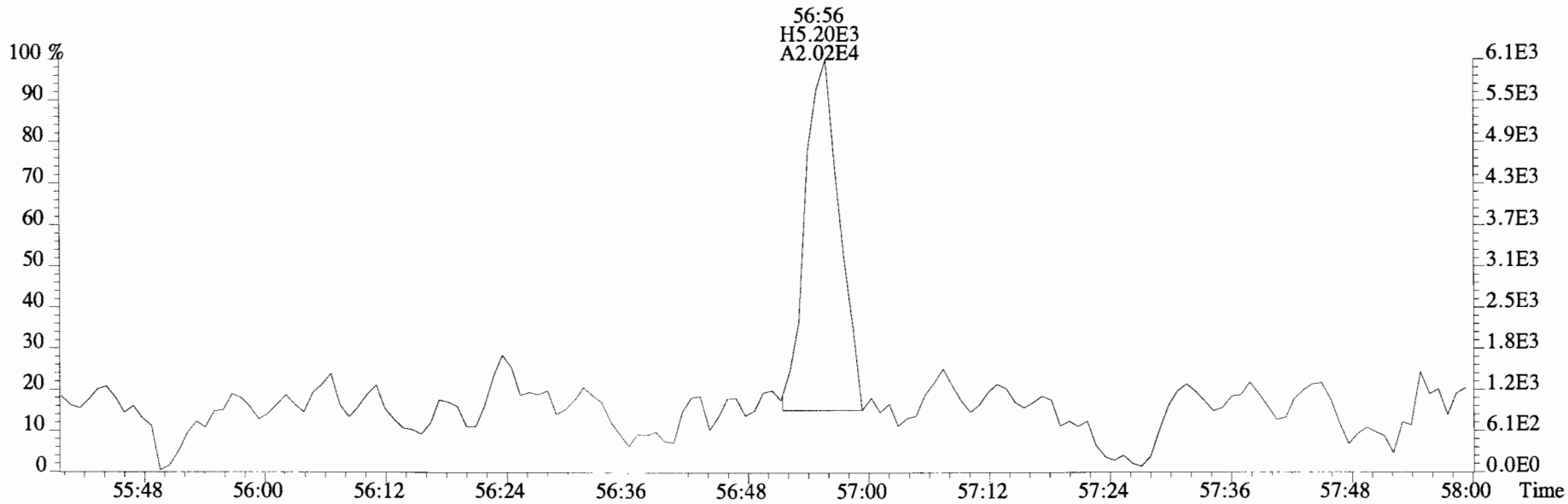
492.9697 S:3 F:5



File:180409E3 #1-407 Acq:10-APR-2018 22:11:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:1701755-02 OWS-THIS-T171115120714 1 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



Client ID: OWS-WAFO-T171115120414 Filename: 180409E3 S:4 Acq:10-APR-18 23:16:48 ConCal: ST180409E3-1
Lab ID: 1701755-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.012 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	5.01e+06	3.01	y 15:59	1.07	66.57		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.07e+05	3.52	y 18:23	1.06	1.352		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.02e+06	3.11	y 18:37	1.06	12.95		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.84e+08	1.57	y 19:58	1.24	3021		*	2.5	*	1.002	0.998-1.008
Di	PCB-7/9	*	*	n NotF¶	0.99	*		48400	1.0	5.66	*	0.863-0.871
Di	PCB-6	1.29e+06	1.34	y 22:26	1.06	15.46		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	3.79e+06	1.63	y 22:49	1.03	46.71		*	2.5	*	0.908	0.904-0.913
Di	PCB-14	*	*	n NotF¶	1.03	*		3110	2.5	0.869	*	0.948-0.958
Di	PCB-11	8.30e+05	1.69	y 25:08	1.11	8.645		*	2.5	*	1.000	0.996-1.006
Di	PCB-12/13	1.03e+06	1.33	y 25:30	1.02	11.76		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	8.41e+06	1.53	y 25:51	1.05	92.34		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	3.85e+07	1.06	y 24:07	1.20	551.6		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF¶	1.93	*		5820	1.0	0.393	*	1.034-1.044
Tri	PCB-18	1.19e+07	1.04	y 25:46	0.91	145.5		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	9.11e+06	1.06	y 25:56	0.84	120.6		*	2.5	*	0.959	0.955-0.965
Tri	PCB-24/27	2.04e+07	1.03	y 26:30	1.15	197.0		*	2.5	*	0.980	0.977-0.986
Tri	PCB-16/32	1.51e+07	1.05	y 27:02	1.02	165.0		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	3.88e+05	1.06	y 27:50	0.96	4.695		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF¶	0.95	*		1580	2.5	0.472	*	0.958-0.968
Tri	PCB-29	*	*	n NotF¶	0.96	*		1580	2.5	0.466	*	0.966-0.976
Tri	PCB-26	7.32e+06	1.04	y 28:23	1.00	84.69		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	2.15e+06	1.07	y 28:32	1.06	23.63		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	1.37e+07	1.06	y 28:54	1.10	144.3		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.06e+07	1.07	y 29:00	1.14	107.7		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	1.07e+06	1.03	y 29:38	1.00	12.51		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	1.64e+06	1.01	y 30:03	1.09	17.47		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	4.42e+04	0.71	n 30:42	1.15	0.4765		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	1.60e+05	1.02	y 31:09	1.07	1.852		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	2.21e+05	0.93	y 31:56	1.10	2.481		*	2.5	*	0.972	0.966-0.976
Tri	PCB-35	1.28e+05	1.01	y 32:27	1.12	1.409		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	2.71e+06	1.02	y 32:53	1.11	30.17		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	9.03e+05	0.78	y 27:52	1.07	10.09		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	1.38e+05	0.72	y 29:02	0.87	1.901		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	7.37e+06	0.77	y 29:42	1.01	103.6		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	1.93e+06	0.83	y 30:02	1.10	24.86		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	2.41e+06	0.74	y 30:27	0.87	39.30		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	8.97e+05	0.68	y 30:57	0.84	15.21		*	2.5	*	0.986	0.980-0.990

Integrations by:
Analyst: DB
Date: 4/12/18

Reviewed by: CT Date: 4/12/18

Client ID: OWS-WAFO-T171115120414 Filename: 180409E3 S:4 Acq:10-APR-18 23:16:48 ConCal: ST180409E3-1
Lab ID: 1701755-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.012 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	1.94e+07	0.79	y 31:25	1.21	226.8		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	4.70e+05	0.76	y 31:33	1.45	4.586		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	1.45e+07	0.78	y 31:43	1.01	203.3		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	9.03e+06	0.75	y 31:56	0.91	133.1		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	1.66e+06	0.79	y 32:03	1.13	19.54		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	*	*	n NotF╗	1.27	*		2040	2.5	0.461	*	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.10	*		2040	2.5	0.534	*	1.011-1.021
Tetra	PCB-44	6.73e+06	0.79	y 32:42	0.85	105.1		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	4.09e+06	0.78	y 32:56	1.02	53.47		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	1.22e+07	0.76	y 33:31	1.17	140.0		*	2.5	*	1.050	1.046-1.056
Tetra	PCB-68	4.36e+05	1.00	n 33:47	1.28	4.560		*	2.5	*	1.058	1.054-1.064
Tetra	PCB-40	1.21e+06	0.81	y 34:00	0.62	25.95		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	2.16e+05	0.73	y 34:22	1.13	1.946		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	4.11e+05	0.83	y 34:41	1.10	3.793		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	5.35e+04	1.09	n 34:47	1.12	0.4842		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.06e+06	0.86	y 34:57	1.00	10.74		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	5.26e+06	0.81	y 35:14	1.18	45.21		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	7.05e+06	0.77	y 35:26	1.03	69.78		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	8.55e+06	0.80	y 35:39	1.13	76.67		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	*	*	n NotF╗	1.19	*		2040	2.5	0.399	*	0.995-1.005
Tetra	PCB-55	1.84e+05	0.83	y 36:09	1.16	1.587		*	2.5	*	1.008	1.004-1.014
Tetra	PCB-56/60	5.35e+06	0.74	y 36:40	1.04	51.24		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	8.81e+04	1.03	n 37:45	1.17	0.7524		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.10	*		2040	2.5	0.425	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	0.97	*		2040	2.5	0.485	*	0.995-1.005
Tetra	PCB-77	8.72e+05	0.77	y 39:33	1.08	8.029		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotF╗	1.08	*		1590	2.5	0.701	*	0.996-1.006
Penta	PCB-96	1.97e+05	1.36	y 33:50	1.13	2.604		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	1.66e+05	1.49	y 34:22	0.91	2.729		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	1.66e+05	1.97	n 34:44	0.93	2.683		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	2.17e+05	2.06	n 35:12	0.91	4.009		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	4.85e+06	1.55	y 35:44	1.17	69.91		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	0.93	*		1590	2.5	0.943	*	0.997-1.007
Penta	PCB-88/91	1.53e+06	1.64	y 36:08	0.97	26.58		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.68	*		1590	2.5	0.520	*	1.009-1.019
Penta	PCB-84/92	2.70e+06	1.53	y 37:03	0.97	44.90		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	1.04e+05	1.52	y 37:13	1.06	1.576		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 4/12/18

Client ID: OWS WAFO-T171115120414 Filename: 180409E3 S:4 Acq:10-APR-18 23:16:48 ConCal: ST180409E3-1
Lab ID: 1701755-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.012 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	4.21e+06	1.60	y 37:25	1.08	63.32		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	6.90e+04	1.45	y 37:38	1.48	0.7560		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	2.56e+06	1.51	y 37:45	1.25	33.07		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	2.60e+05	1.58	y 38:12	1.70	2.773		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	4.31e+05	1.34	y 38:22	1.40	5.562		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF¶	1.75	*		1590	2.5	0.533	*	0.990-1.000
Penta	PCB-97	1.17e+06	1.50	y 38:44	1.17	18.06		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF¶	1.08	*		1590	2.5	0.864	*	0.999-1.009
Penta	PCB-87/117/125	2.09e+06	1.57	y 39:01	1.55	24.37		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	8.88e+04	1.22	n 39:09	1.79	0.8972		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	9.29e+05	1.55	y 39:16	1.29	13.03		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	*	*	n NotF¶	1.98	*		1590	2.5	0.472	*	1.016-1.026
Penta	PCB-110	6.11e+06	1.53	y 39:40	1.69	65.65		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	5.39e+05	1.75	y 40:17	0.81	8.552		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	2.05e+05	1.71	y 40:58	1.30	2.023		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	4.30e+05	1.69	y 41:08	1.31	4.183		*	2.5	*	0.997	0.991-1.001
Penta	PCB-123	1.13e+05	1.52	y 41:17	1.12	1.293		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	3.96e+06	1.55	y 41:28	1.18	41.87		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	9.04e+04	1.72	y 42:06	1.11	1.145		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	4.67e+04	1.40	y 42:14	1.03	0.6410		*	2.5	*	1.003	0.999-1.009
Penta	PCB-105	1.56e+06	1.58	y 42:58	1.12	19.74		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF¶	1.12	*		1380	2.5	0.556	*	0.995-1.005
Penta	PCB-126	*	*	n NotF¶	1.20	*		3730	1.0	0.616	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF¶	0.99	*		1340	2.5	0.556	*	0.995-1.005
Hexa	PCB-150	*	*	n NotF¶	1.02	*		1340	2.5	0.536	*	1.030-1.040
Hexa	PCB-152	*	*	n NotF¶	1.16	*		1340	2.5	0.475	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF¶	1.13	*		1340	2.5	0.486	*	1.054-1.064
Hexa	PCB-136	5.53e+05	1.22	y 39:28	1.02	7.616		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF¶	0.77	*		1340	2.5	0.710	*	1.066-1.076
Hexa	PCB-154	1.03e+05	1.11	y 40:05	0.88	1.659		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	7.04e+05	1.21	y 40:42	0.75	13.20		*	2.5	*	1.101	1.095-1.107
Hexa	PCB-135	4.53e+05	1.40	y 40:55	0.86	7.430		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	*	*	n NotF¶	0.77	*		4220	1.0	0.904	*	1.105-1.116
Hexa	PCB-147	1.30e+05	1.29	y 41:09	0.80	2.272		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.87e+06	1.27	y 41:25	0.88	29.96		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	*	*	n NotF¶	0.77	*		2180	1.0	0.465	*	1.120-1.132
Hexa	PCB-134/143	2.00e+05	1.08	y 42:04	0.76	3.181		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 4/12/18

Client ID: OWS-WAFO-T171115120414 Filename: 180409E3 S:4 Acq:10-APR-18 23:16:48 ConCal: ST180409E3-1
Lab ID: 1701755-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.012 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.89e+05	1.24	y 42:20	0.82	2.806		*	2.5	*	0.981	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.73	*		1750	2.5	0.848	*	0.981-0.991
Hexa	PCB-146/165	5.69e+05	1.27	y 42:44	1.02	6.758		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	8.85e+05	1.29	y 42:59	1.00	10.67		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	2.46e+06	1.26	y 43:09	1.08	27.69		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-168	*	*	n NotF╗	1.12	*		1750	2.5	0.556	*	1.000-1.010
Hexa	PCB-141	3.12e+05	1.11	y 43:53	1.02	4.422		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	1.38e+05	1.22	y 44:16	1.10	1.807		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.49e+05	1.53	n 44:22	0.81	2.669		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	3.47e+06	1.18	y 44:44	1.23	37.42		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	3.20e+05	1.23	y 44:57	1.18	3.613		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	9.57e+04	0.91	n 45:12	0.78	1.631		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.13	*		1750	2.5	0.503	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.16	*		1750	2.5	0.490	*	0.995-1.005
Hexa	PCB-128/162	4.61e+05	1.16	y 46:16	0.89	5.718		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.45e+05	1.26	y 46:40	1.02	1.562		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	3.80e+05	1.16	y 47:58	1.06	3.887		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	8.79e+04	1.30	y 48:14	1.02	0.9480		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	*	*	n NotF╗	1.13	*		1750	2.5	0.508	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.37	*		1520	2.5	0.325	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.32	*		1520	2.5	0.338	*	1.006-1.016
Hepta	PCB-179	3.25e+05	0.91	y 44:00	1.38	3.640		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	7.29e+04	1.01	y 44:27	1.31	0.8652		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.42	*		1520	2.5	0.314	*	1.049-1.059
Hepta	PCB-178	2.15e+05	1.05	y 45:33	0.97	3.444		*	2.5	*	1.065	1.060-1.070
Hepta	PCB-175	*	*	n NotF╗	1.00	*		1520	2.5	0.447	*	1.069-1.079
Hepta	PCB-182/187	7.26e+05	1.19	y 46:03	1.14	9.873		*	2.5	*	1.077	1.072-1.082
Hepta	PCB-183	1.42e+05	1.28	n 46:24	1.13	1.948		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.36	*		1520	2.5	0.428	*	0.950-0.960
Hepta	PCB-174	3.32e+05	1.08	y 47:24	1.42	4.778		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.48	*		1520	2.5	0.393	*	0.960-0.970
Hepta	PCB-177	2.80e+05	1.02	y 47:42	1.33	4.290		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	1.03e+05	0.96	y 47:58	1.37	1.531		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.27	*		1520	2.5	0.457	*	0.978-0.988
Hepta	PCB-172	6.55e+04	1.07	y 48:51	1.39	0.9619		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	1.80	*		1520	2.5	0.320	*	0.991-1.001
Hepta	PCB-180	7.50e+05	0.96	y 49:15	1.52	10.07		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/12/18

Client ID: OWS-WAFO-T171115120414 Filename: 180409E3 S:4 Acq:10-APR-18 23:16:48 ConCal: ST180409E3-1
Lab ID: 1701755-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.012 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	6.31e+04	0.81	n	49:27	1.71	0.7502		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	*	*	n	NotF╗	1.74	*		1520	2.5	0.333	*	1.005-1.015
Hepta	PCB-170	3.41e+05	0.90	y	50:51	1.44	5.470		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	9.06e+04	1.31	n	51:02	1.95	1.068		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n	NotF╗	1.46	*		1520	2.5	0.281	*	0.995-1.005
Octa	PCB-202	1.26e+05	1.16	n	48:11	1.06	1.630		*	2.5	*	1.001	0.995-1.005
Octa	PCB-201	*	*	n	NotF╗	0.98	*		2220	2.5	0.767	*	1.006-1.016
Octa	PCB-204	*	*	n	NotF╗	1.07	*		2220	2.5	0.700	*	1.009-1.019
Octa	PCB-197	*	*	n	NotF╗	1.10	*		2220	2.5	0.683	*	1.015-1.025
Octa	PCB-200	*	*	n	NotF╗	1.04	*		2220	2.5	0.720	*	1.034-1.044
Octa	PCB-198	*	*	n	NotF╗	0.84	*		2220	2.5	0.893	*	1.065-1.075
Octa	PCB-199	2.70e+05	0.86	y	51:38	0.80	4.629		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	2.45e+05	0.80	y	51:55	0.84	3.995		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	5.23e+04	0.98	y	53:09	1.04	1.047		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.56e+05	0.98	y	54:02	1.16	2.800		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	2.12e+04	0.97	y	54:18	1.33	0.3305		*	2.5	*	1.005	1.000-1.010
Nona	PCB-208	1.29e+05	1.27	y	53:17	0.90	1.949		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n	NotF╗	0.89	*		3670	1.0	0.373	*	1.001-1.011
Nona	PCB-206	1.94e+05	1.55	n	55:34	0.88	3.912		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	1.86e+05	1.48	n	56:54	1.04	2.984		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/12/18

Client ID: OWS-WAFO-T171115120414 Filename: 180409E3 S:4 Acq:10-APR-18 23:16:48 ConCal: ST180409E3-1
Lab ID: 1701755-03 GC Column ID: ZB-1 ICal: PCBVG8-2-3-18 wt/vol: 1.012 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	6.14e+06	3.01	y	15:59	1.06	80.8702	
Total Di-PCB	2.00e+08	1.57	y	19:58	1.04	3195.84	
Total Tri-PCB	9.50e+07	1.06	y	24:07	1.15	1179.71	
Total Tri-PCB	4.00e+07	1.06	y	27:50	1.05	430.954	Sum:1610.66
Total Tetra-PCB	1.12e+08	0.78	y	27:52	1.06	1375.82	
Total Penta-PCB	3.26e+07	1.36	y	33:50	1.18	432.810	
Total Penta-PCB	1.70e+06	1.72	y	42:06	1.12	21.5212	Sum:454.332
Total Hexa-PCB	3.81e+06	1.22	y	39:28	0.91	62.1404	
Total Hexa-PCB	9.62e+06	1.08	y	42:04	1.00	110.483	Sum:172.623
Total Hepta-PCB	3.21e+06	0.91	y	44:00	1.35	44.9274	
Total Octa-PCB	5.14e+05	0.86	y	51:38	0.95	8.62472	
Total Octa-PCB	2.30e+05	0.98	y	53:09	1.17	4.17732	Sum:12.8020
Total Nona-PCB	1.29e+05	1.27	y	53:17	0.89	1.94935	
Total Deca-PCB	1.86e+05	1.48	n	56:54	1.04	2.98420	

Total PCB Conc:6980.28671200

Integrations by Analyst: DB

Date: 4/12/18

Client ID: OWS-WAFO-T171115120414 Filename: 180409E3 S:4 Acq:10-APR-18 23:16:48 ConCal: ST180409E3-1
Lab ID: 1701755-03 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0124 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.39e+08	3.12 y	1.13	15:58	0.618	0.616	0.622	1110	56.2
13C-PCB-3	1.47e+08	3.13 y	1.21	18:36	0.720	0.716	0.724	1100	55.7
13C-PCB-4	9.75e+07	1.55 y	0.59	19:56	0.772	0.769	0.777	1480	75.1
13C-PCB-9	1.56e+08	1.54 y	0.94	21:44	0.841	0.837	0.845	1500	75.9
13C-PCB-11	1.71e+08	1.54 y	0.95	25:08	0.973	0.968	0.978	1630	82.5
13C-PCB-19	1.15e+08	1.02 y	0.62	24:06	0.933	0.928	0.938	1670	84.6
13C-PCB-28	1.70e+08	1.03 y	1.05	28:59	1.003	0.999	1.009	1640	83.1
13C-PCB-32	1.78e+08	1.05 y	0.91	27:02	1.046	1.041	1.051	1760	89.3
13C-PCB-37	1.59e+08	1.07 y	1.02	32:52	1.138	1.132	1.144	1580	80.1
13C-PCB-47	1.48e+08	0.78 y	0.83	31:55	0.870	0.867	0.875	1620	82.0
13C-PCB-52	1.39e+08	0.78 y	0.76	31:24	0.856	0.853	0.861	1660	84.3
13C-PCB-54	1.65e+08	0.79 y	0.93	27:51	0.760	0.756	0.764	1620	82.0
13C-PCB-70	1.94e+08	0.80 y	1.00	35:26	0.966	0.961	0.971	1780	90.0
13C-PCB-77	1.98e+08	0.79 y	0.96	39:32	1.078	1.073	1.083	1890	95.6
13C-PCB-80	1.98e+08	0.80 y	1.00	35:51	0.978	0.973	0.983	1820	91.9
13C-PCB-81	2.02e+08	0.79 y	1.01	38:56	1.062	1.057	1.067	1830	92.6
13C-PCB-95	1.17e+08	1.59 y	0.80	35:43	0.912	0.908	0.918	1760	89.2
13C-PCB-97	1.09e+08	1.60 y	0.70	38:43	0.989	0.984	0.994	1880	95.2
13C-PCB-101	1.22e+08	1.61 y	0.80	37:25	0.956	0.951	0.961	1840	93.2
13C-PCB-104	1.32e+08	1.58 y	1.01	32:33	0.831	0.828	0.836	1590	80.5
13C-PCB-105	1.39e+08	1.57 y	1.14	42:58	0.929	0.924	0.934	1780	90.1
13C-PCB-114	1.40e+08	1.60 y	1.18	42:06	0.910	0.905	0.915	1730	87.4
13C-PCB-118	1.58e+08	1.61 y	1.00	41:27	1.059	1.054	1.064	1920	97.4
13C-PCB-123	1.54e+08	1.63 y	0.95	41:16	1.054	1.049	1.059	1980	100
13C-PCB-126	1.39e+08	1.59 y	1.14	45:12	0.977	0.972	0.982	1780	90.2
13C-PCB-127	1.52e+08	1.60 y	1.24	43:18	0.936	0.931	0.941	1790	90.5
13C-PCB-138	1.48e+08	1.27 y	1.17	44:42	0.966	0.962	0.972	1840	93.2
13C-PCB-141	1.37e+08	1.27 y	1.11	43:52	0.948	0.944	0.954	1800	91.2
13C-PCB-153	1.63e+08	1.26 y	1.34	43:08	0.933	0.928	0.938	1780	90.1
13C-PCB-155	1.40e+08	1.28 y	0.83	36:57	0.944	0.939	0.949	2050	104
13C-PCB-156	1.82e+08	1.29 y	1.38	47:57	1.037	1.032	1.042	1910	96.9
13C-PCB-157	1.79e+08	1.28 y	1.37	48:13	1.043	1.037	1.047	1900	96.2
13C-PCB-159	1.78e+08	1.26 y	1.39	45:59	0.994	0.989	0.999	1870	94.9
13C-PCB-167	1.79e+08	1.26 y	1.40	46:40	1.009	1.004	1.014	1870	94.5
13C-PCB-169	1.75e+08	1.26 y	1.39	50:26	1.090	1.085	1.095	1840	93.1
13C-PCB-170	8.57e+07	0.46 y	0.86	50:50	1.103	1.097	1.109	1920	97.2
13C-PCB-180	9.71e+07	0.45 y	0.98	49:14	1.069	1.064	1.074	1910	96.7
13C-PCB-188	1.27e+08	0.45 y	1.40	42:45	0.928	0.923	0.933	1750	88.6
13C-PCB-189	1.16e+08	0.45 y	1.15	52:27	1.139	1.132	1.144	1950	98.7
13C-PCB-194	9.53e+07	0.90 y	0.77	54:02	0.995	0.990	1.000	1820	92.2
13C-PCB-202	1.44e+08	0.91 y	1.28	48:09	1.045	1.040	1.050	2160	109
13C-PCB-206	1.11e+08	0.78 y	0.81	55:34	1.023	1.019	1.029	2020	102
13C-PCB-208	1.46e+08	0.77 y	1.09	53:17	0.981	0.977	0.987	1960	99.3
13C-PCB-209	1.18e+08	1.20 y	0.74	56:54	1.048	1.043	1.053	2360	120

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.27e+08	0.78 y	1.03	37:44	1.029	1.024	1.034	2010	102
13C-PCB-178	9.98e+07	0.45 y	0.93	45:33	0.985	0.980	0.990	2070	105

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.27e+08	0.78 y	1.03	37:44	0.969	0.963	0.973	2170	110
13C-PCB-178	9.98e+07	0.45 y	0.95	45:33	0.925	0.920	0.930	2140	108

RS

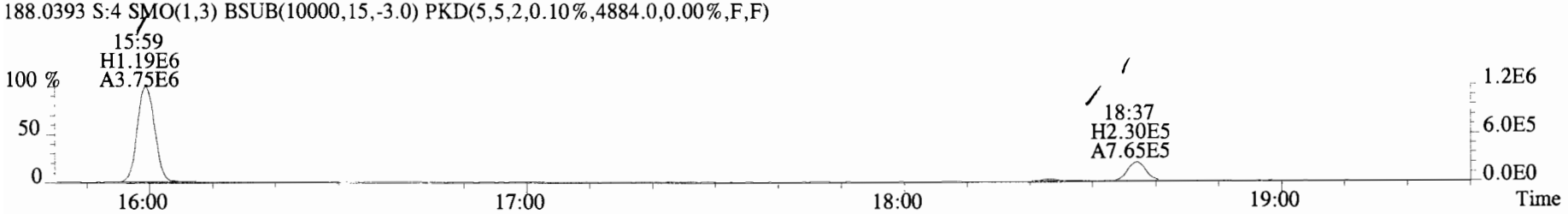
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	2.18e+08	1.53 y	1.00	25:50	1980
13C-PCB-31	1.95e+08	1.03 y	1.00	28:53	1980
13C-PCB-60	2.16e+08	0.80 y	1.00	36:40	1980
13C-PCB-111	1.63e+08	1.61 y	1.00	39:09	1980
13C-PCB-128	1.35e+08	1.25 y	1.00	46:15	1980
13C-PCB-182	1.03e+08	0.45 y	1.00	46:04	1980
13C-PCB-205	1.34e+08	0.91 y	1.00	54:18	1980

Analyst: DB

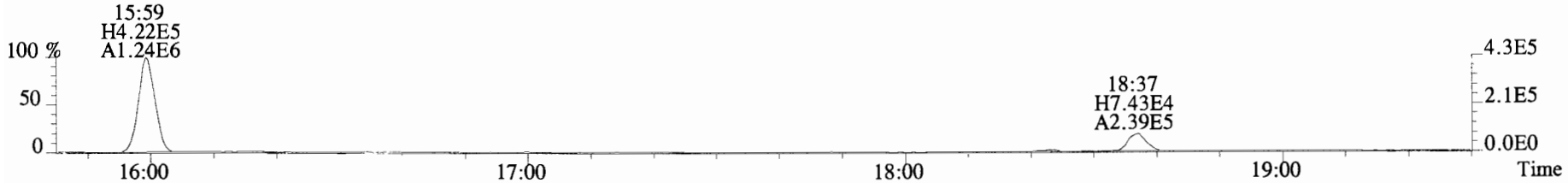
Date: 4/12/18

File:180409E3 #1-867 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

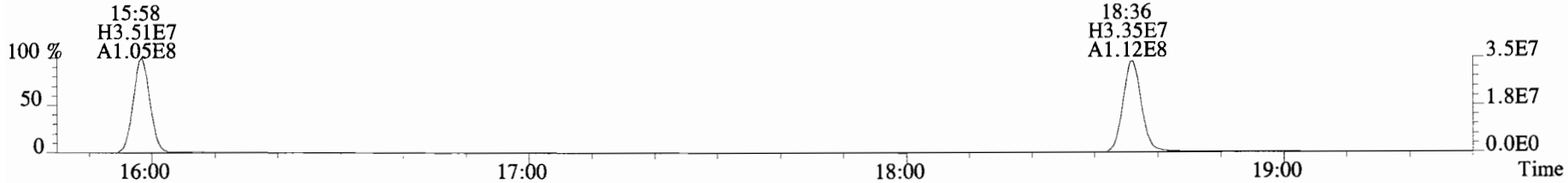
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4884.0,0.00%,F,F)



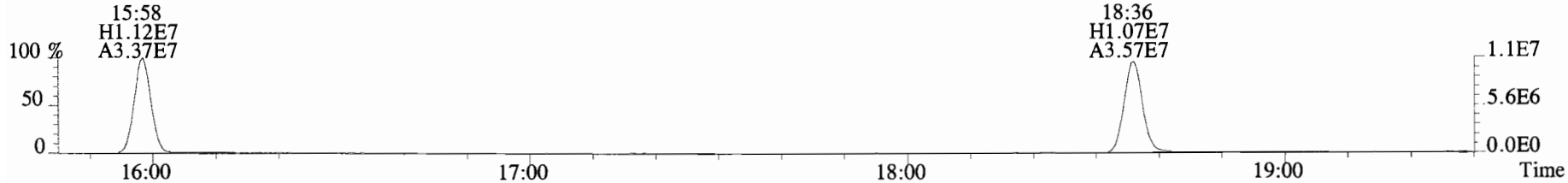
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



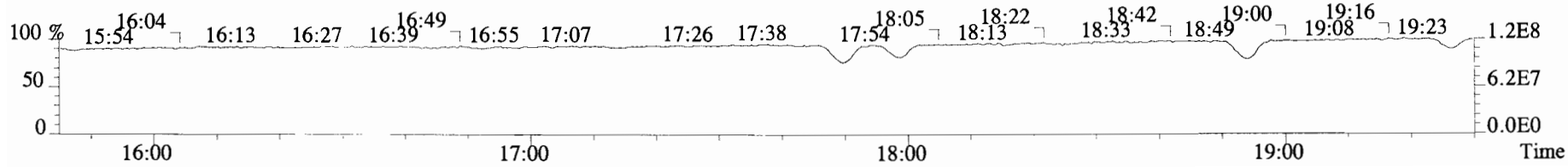
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6364.0,0.00%,F,F)



202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32220.0,0.00%,F,F)



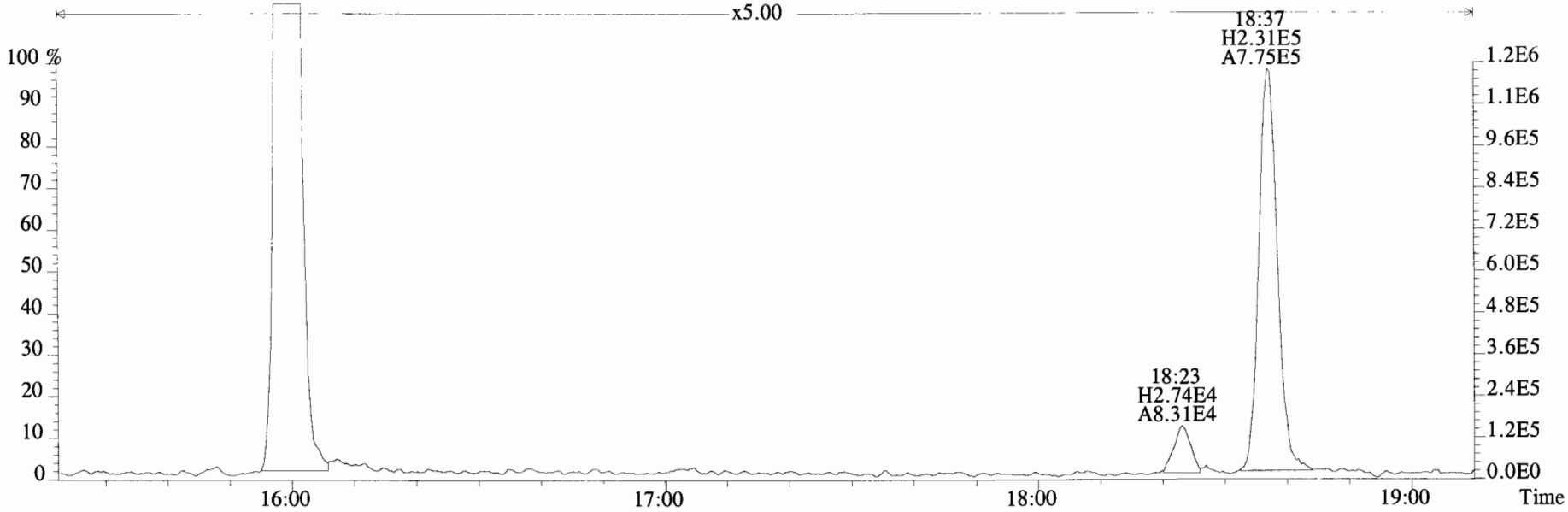
180.9880 S:4



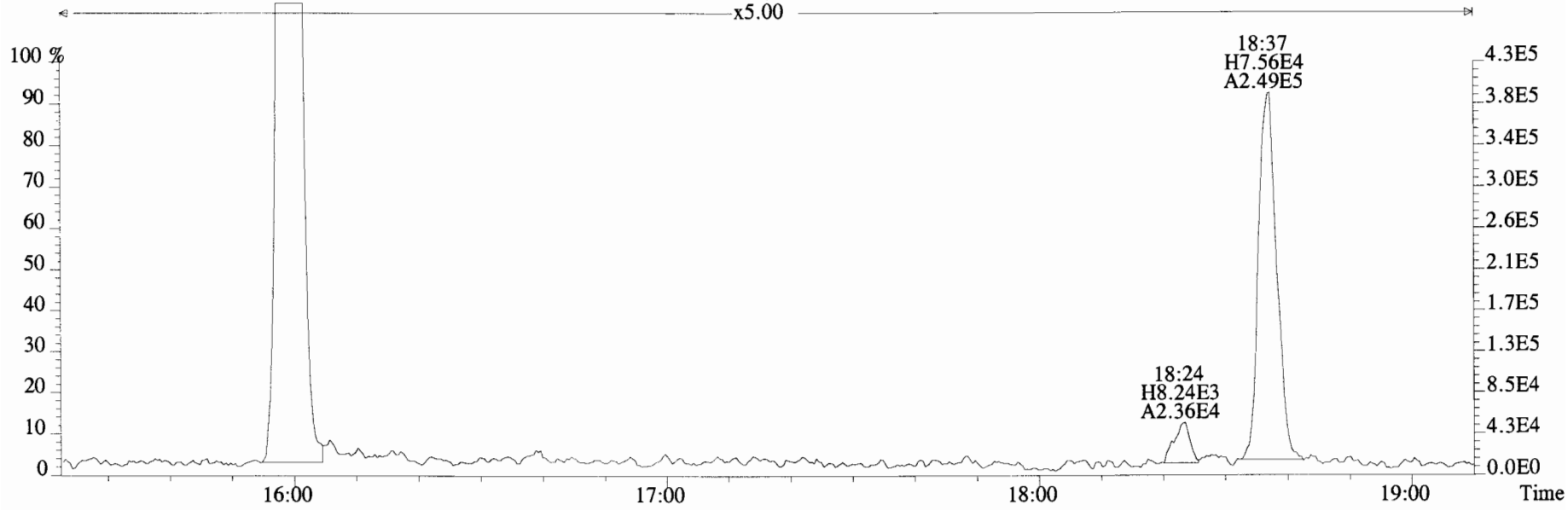
File:180409E3 #1-867 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4884.0,0.00%,F,F)

190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)

File:180409E3 #1-867 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4884.0,0.00%,F,F)

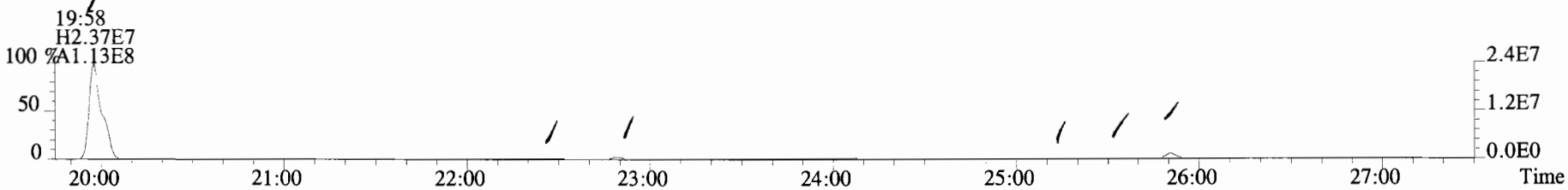


190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)

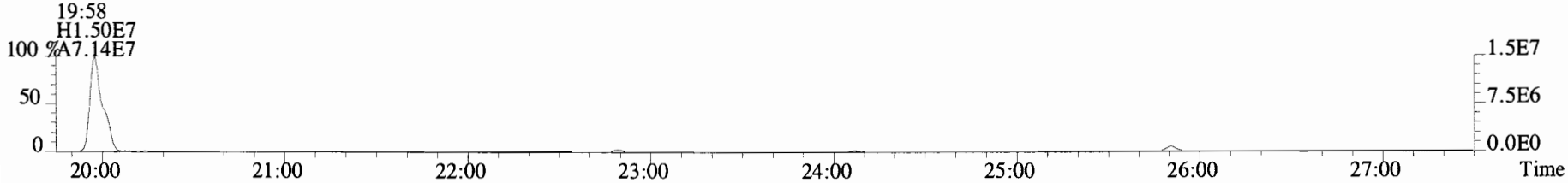


File:180409E3 #1-757 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

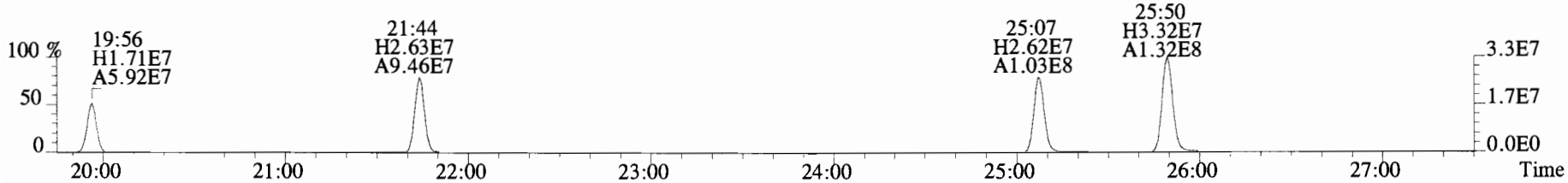
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4548.0,0.00%,F,F)



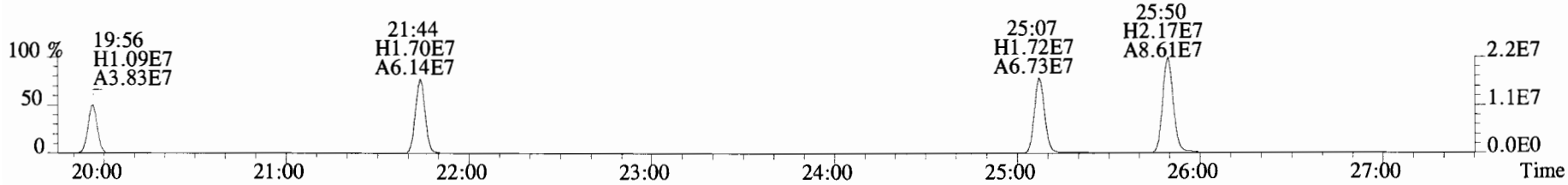
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23144.0,0.00%,F,F)



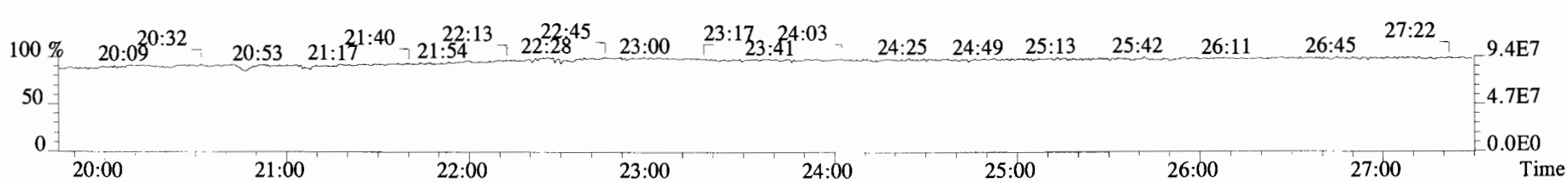
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4868.0,0.00%,F,F)



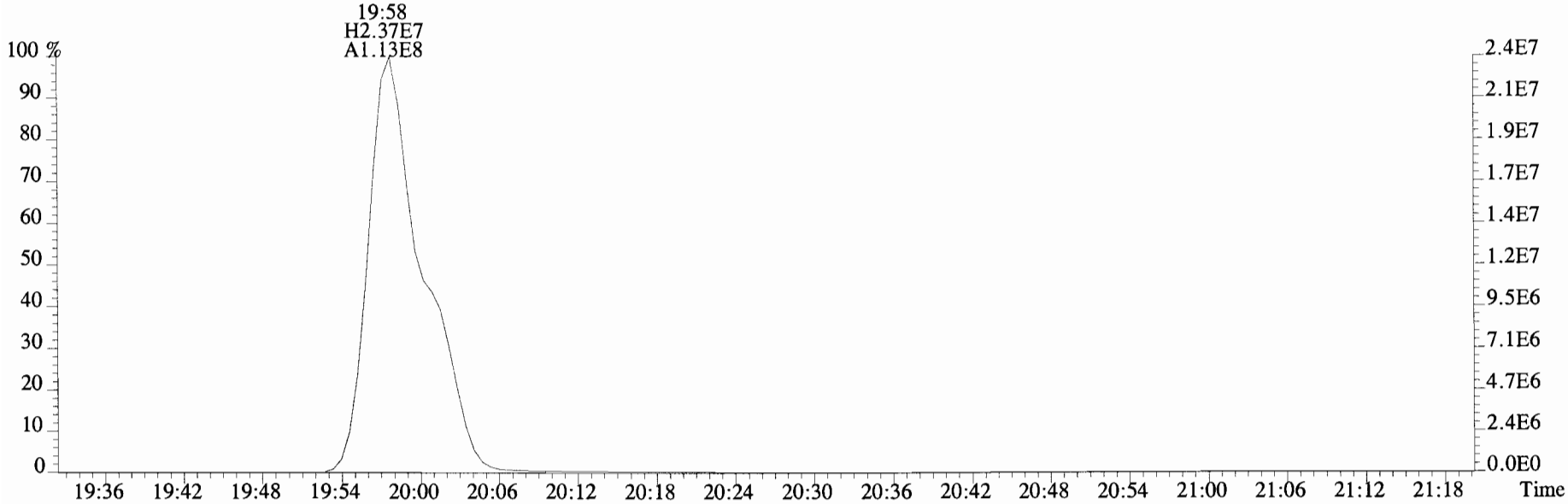
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4068.0,0.00%,F,F)



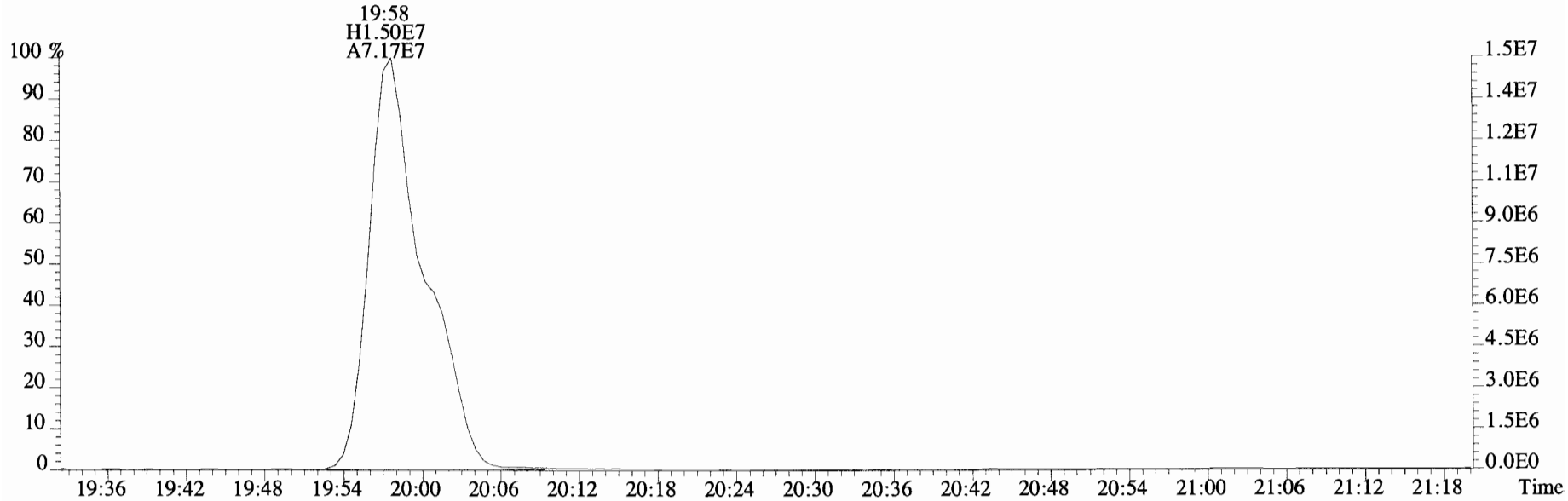
230.9856 S:4 F:2



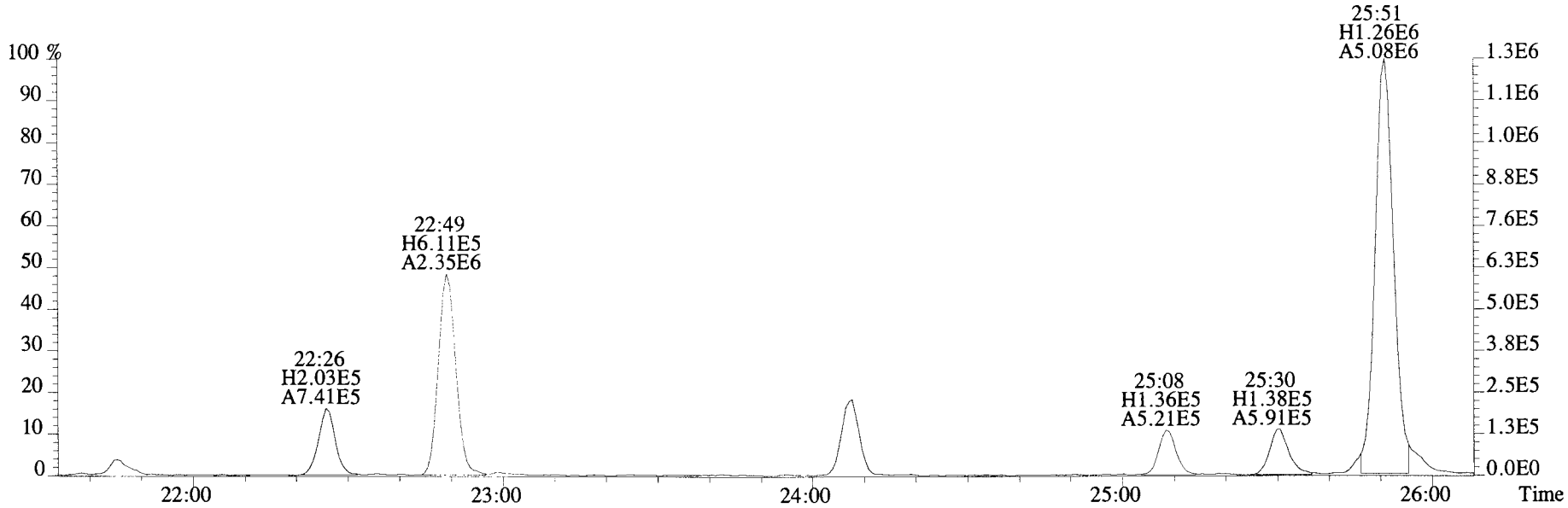
File:180409E3 #1-757 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4548.0,0.00%,F,F)



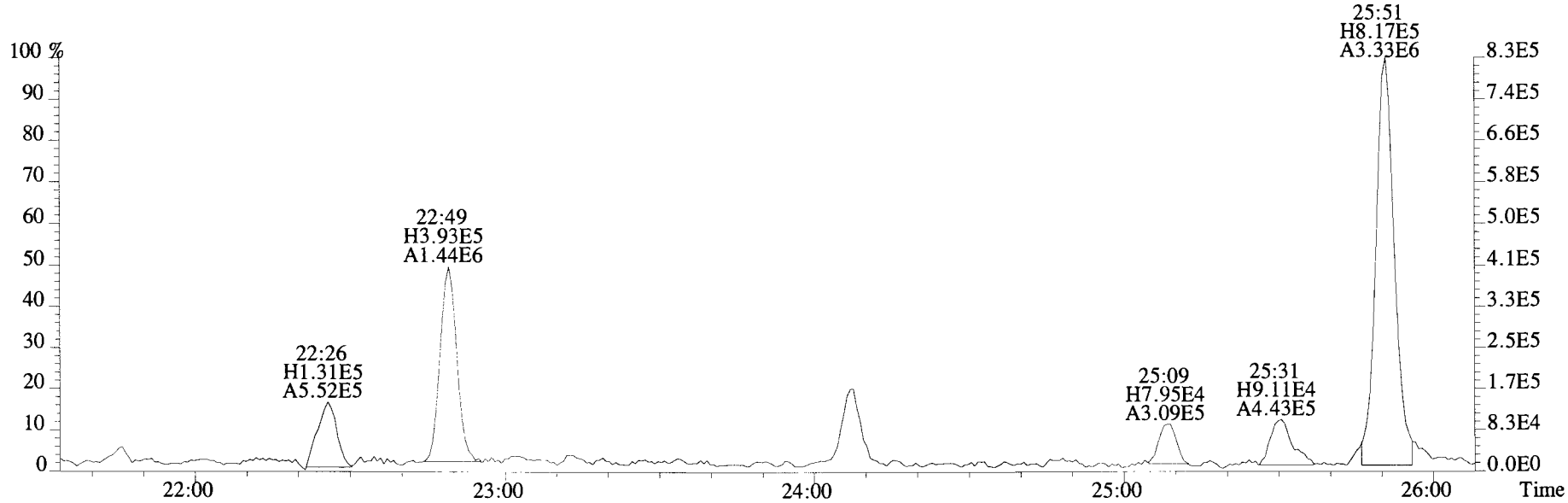
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23144.0,0.00%,F,F)



File:180409E3 #1-757 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4548.0,0.00%,F,F)

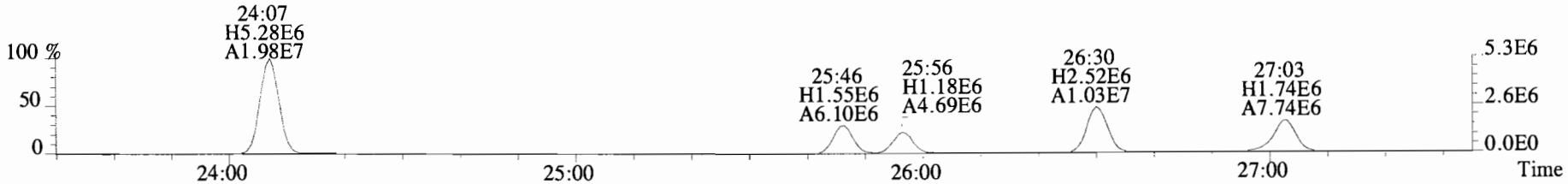


223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23144.0,0.00%,F,F)

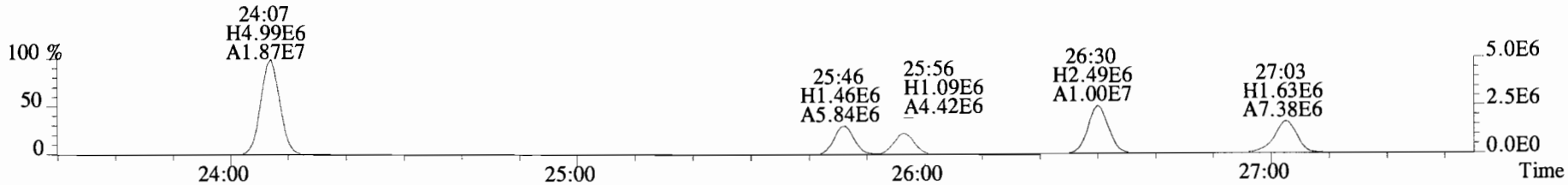


File:180409E3 #1-757 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

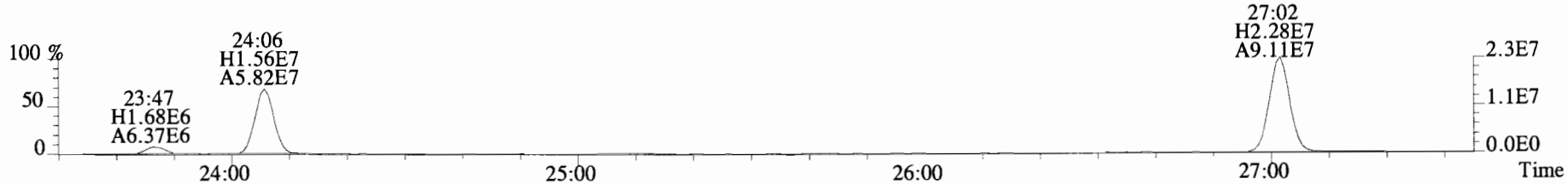
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3348.0,0.00%,F,F)



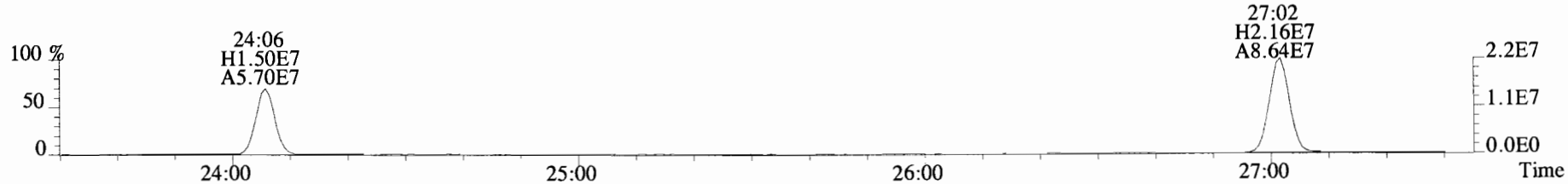
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



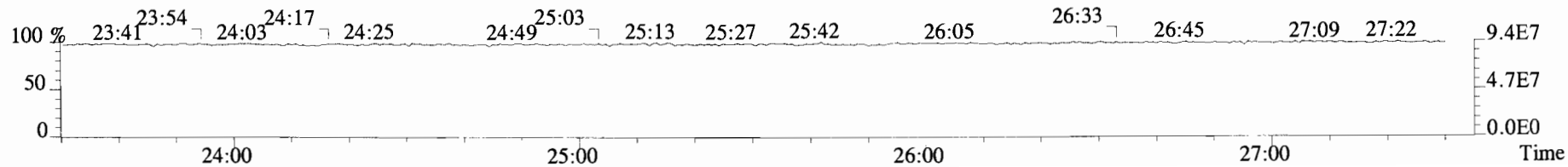
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84404.0,0.00%,F,F)



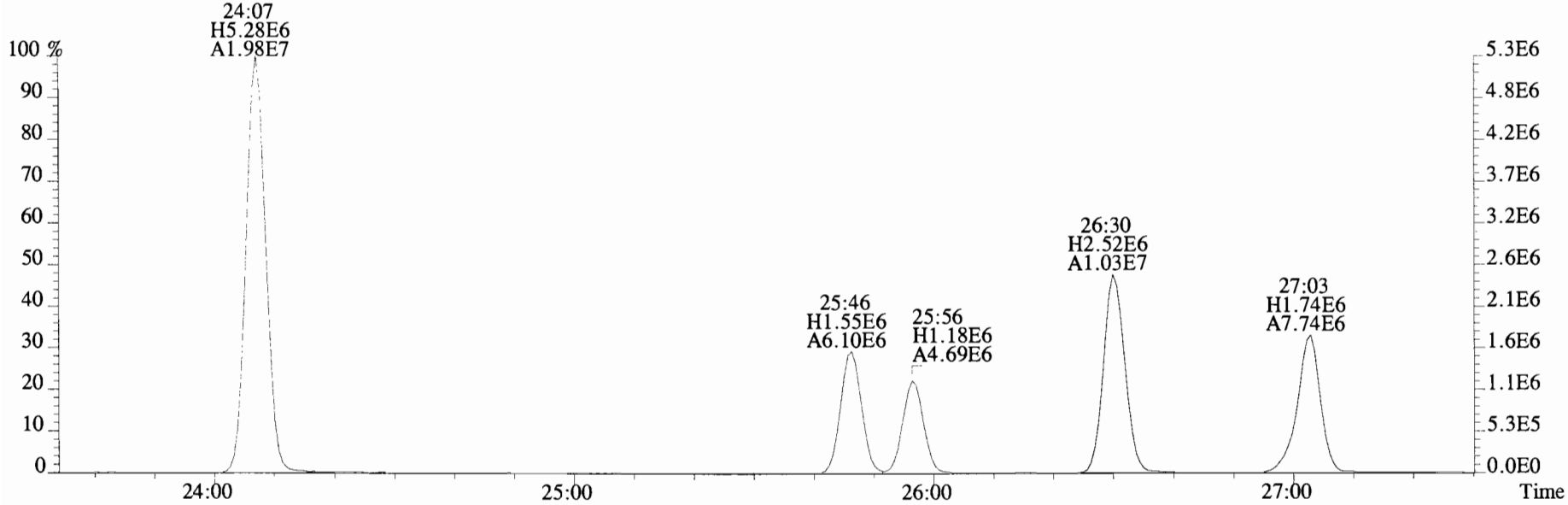
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83116.0,0.00%,F,F)



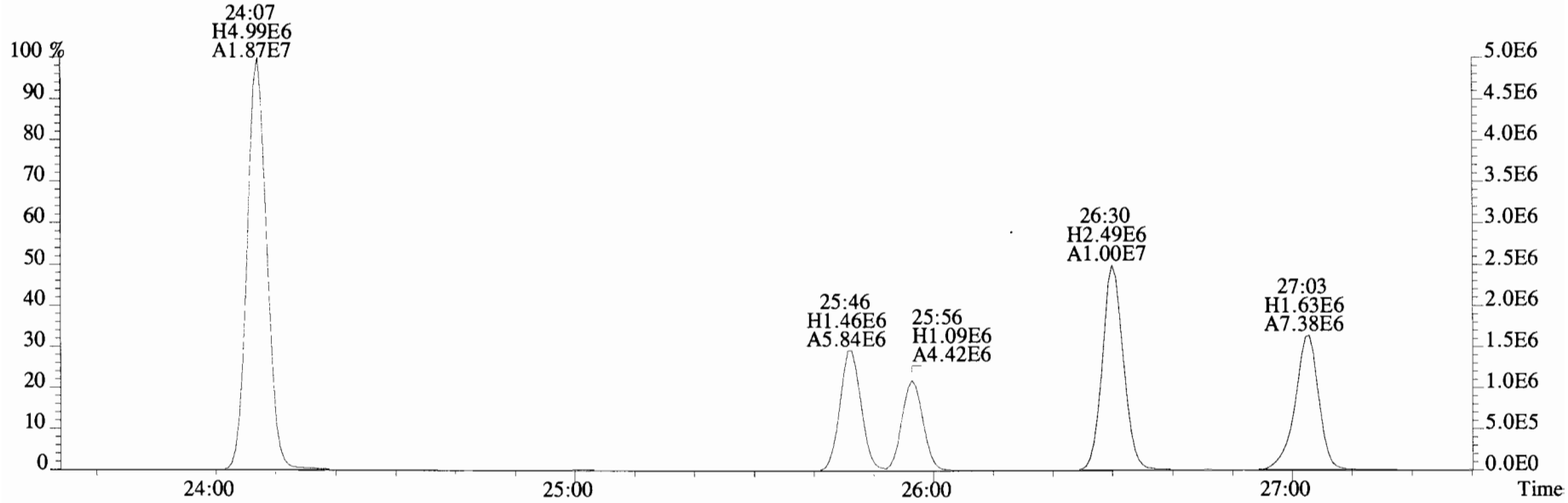
230.9856 S:4 F:2



File:180409E3 #1-757 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3348.0,0.00%,F,F)

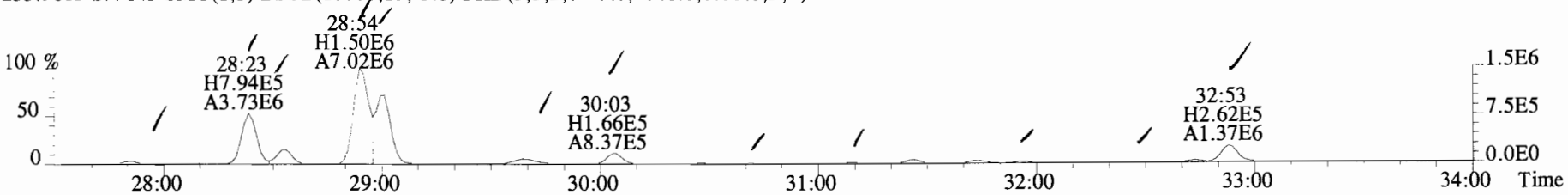


257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)

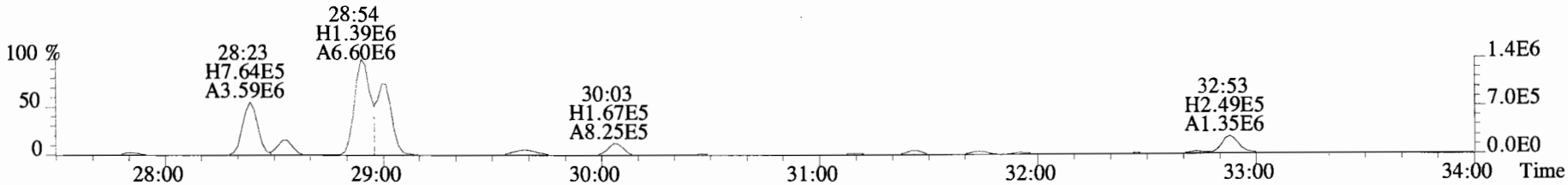


File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

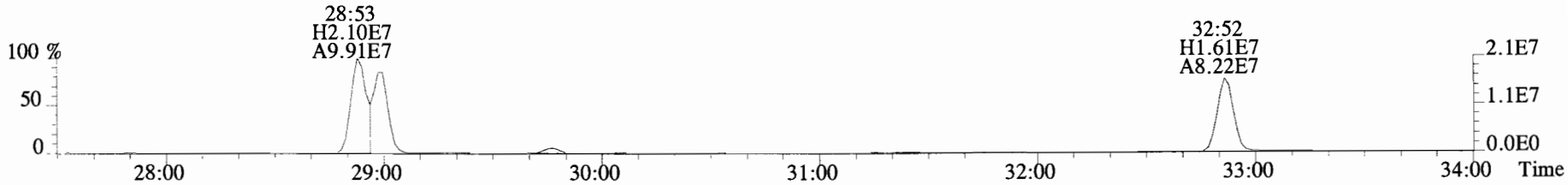
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



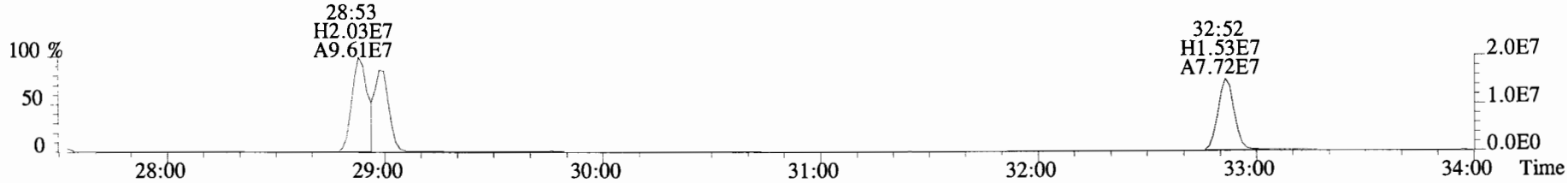
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



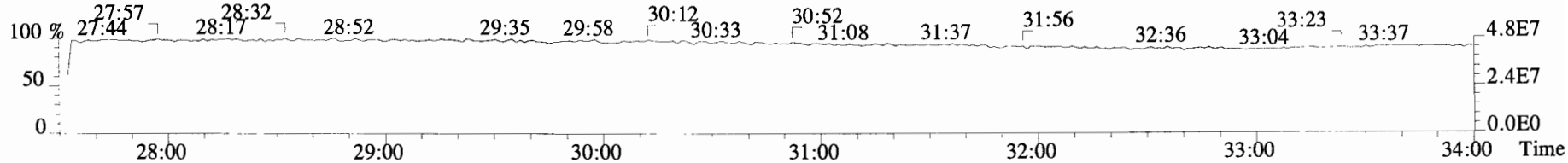
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59536.0,0.00%,F,F)



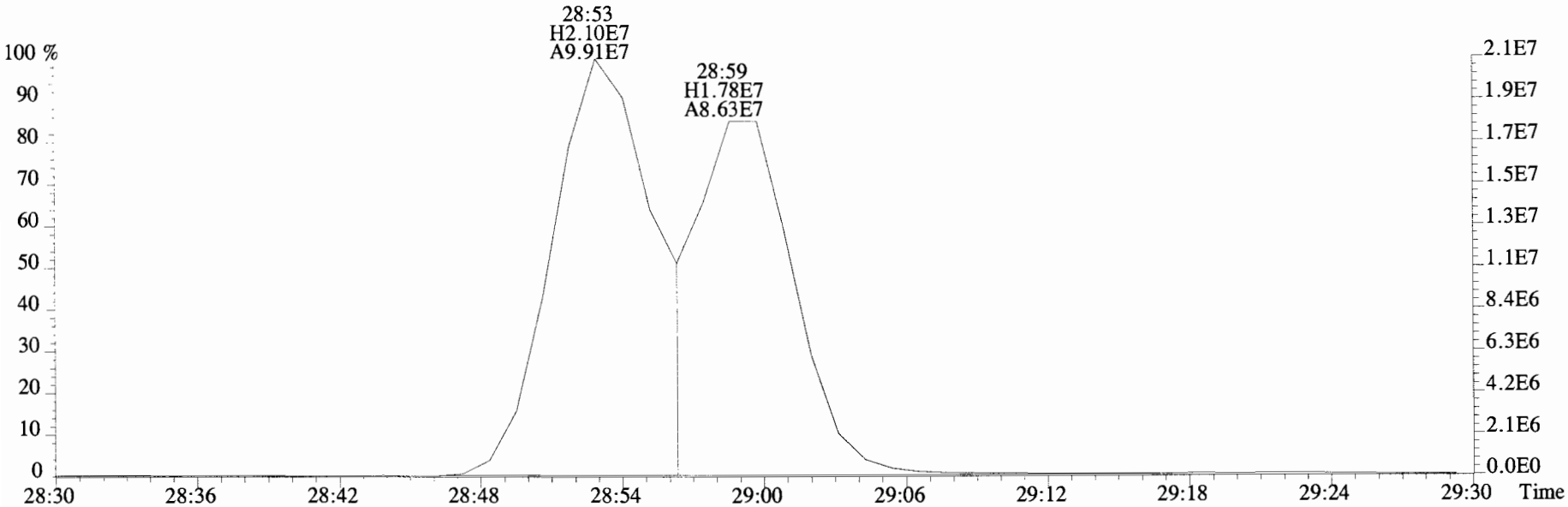
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53520.0,0.00%,F,F)



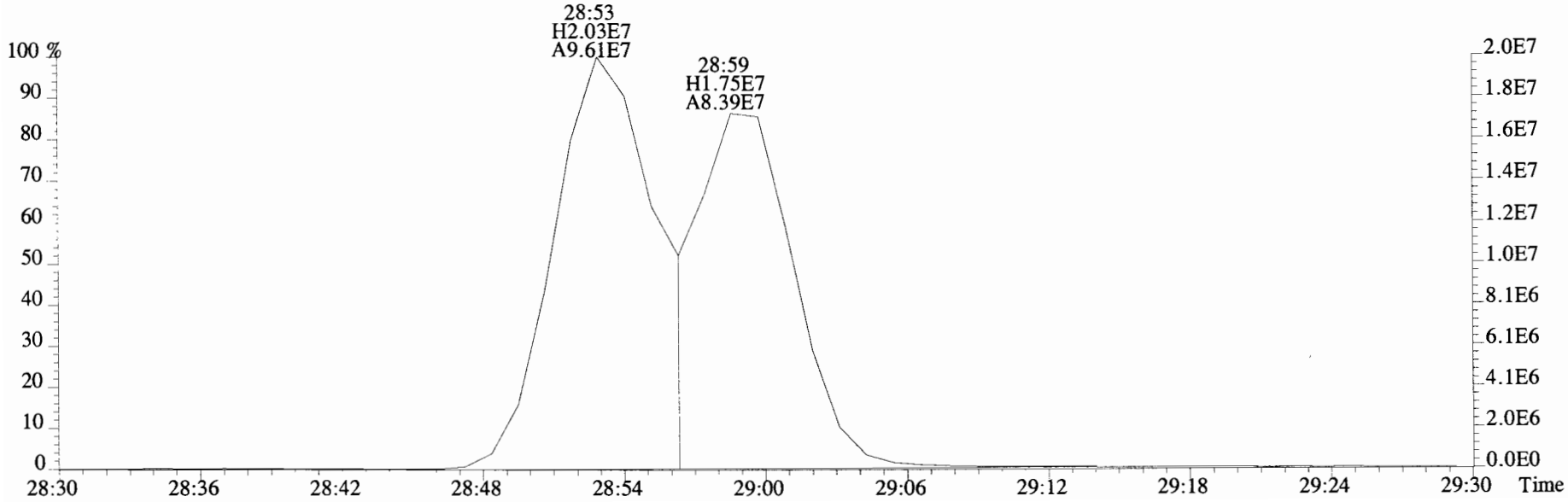
330.9792 S:4 F:3



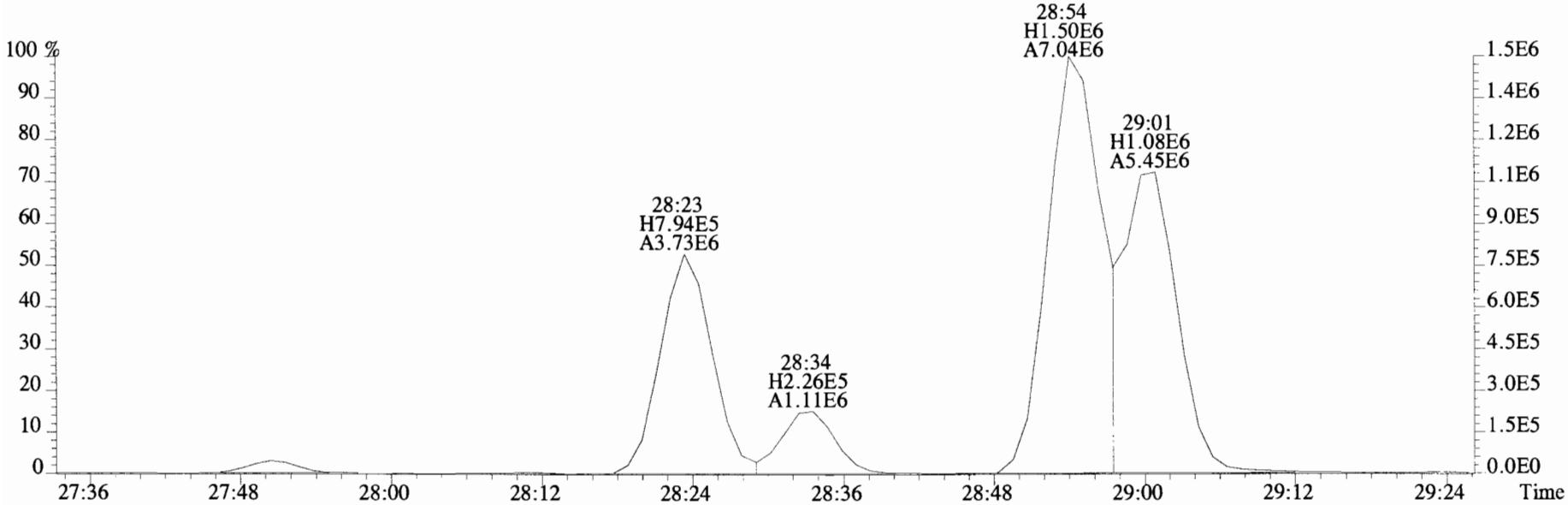
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59536.0,0.00%,F,F)



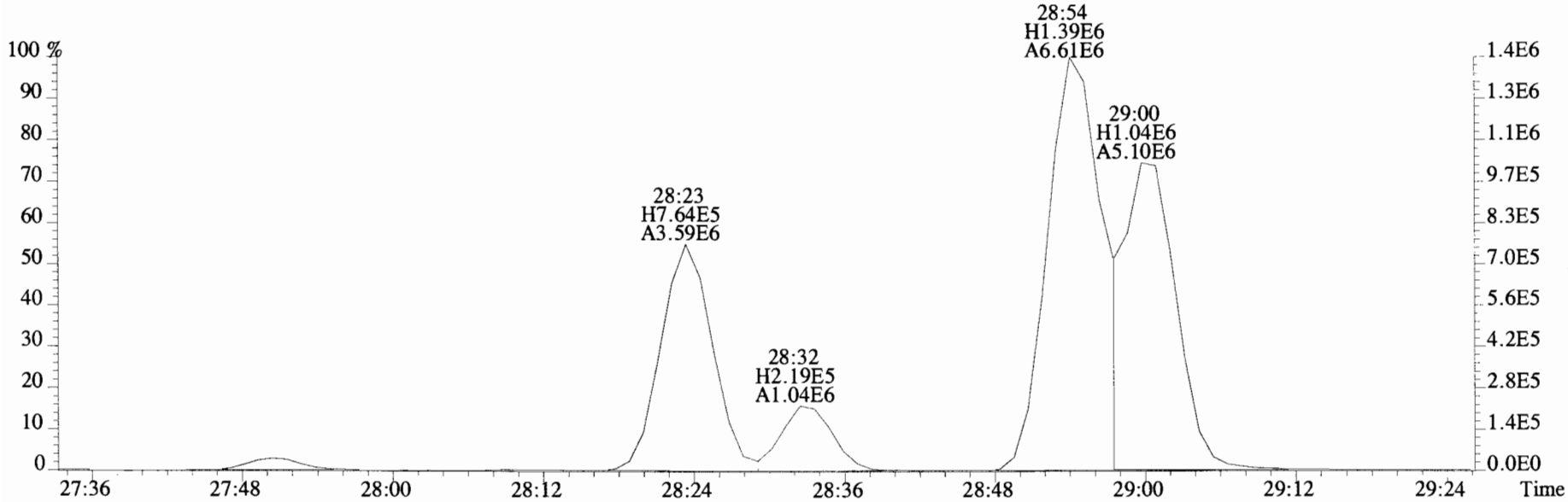
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53520.0,0.00%,F,F)



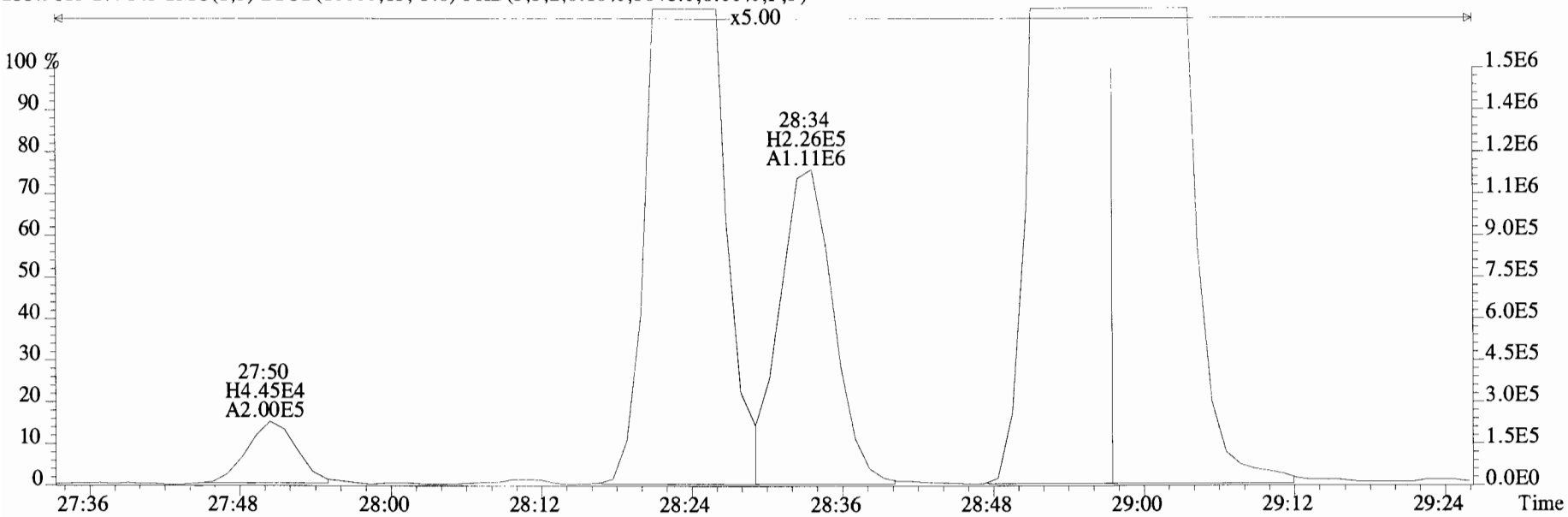
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC El+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



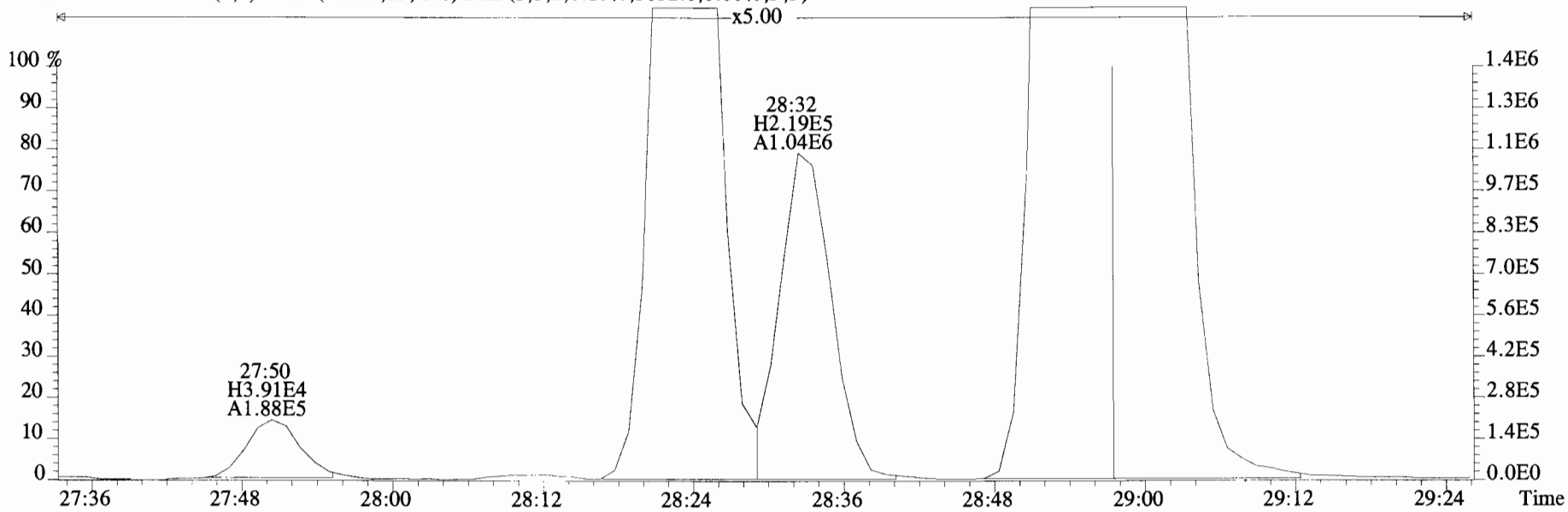
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



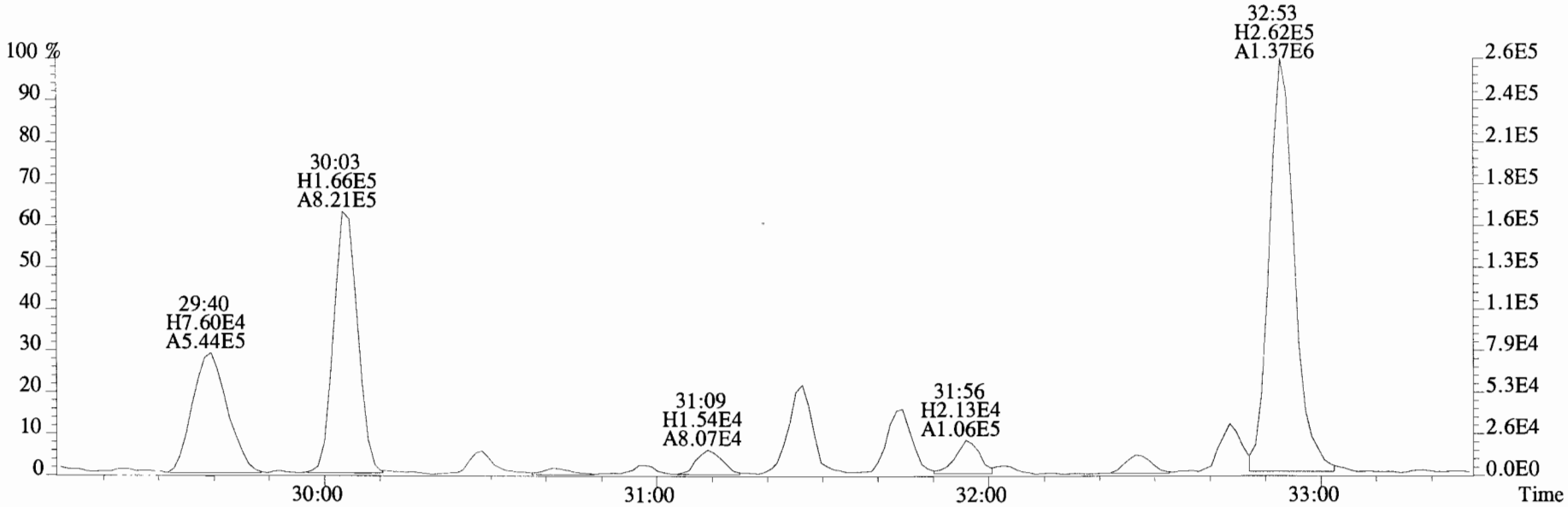
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



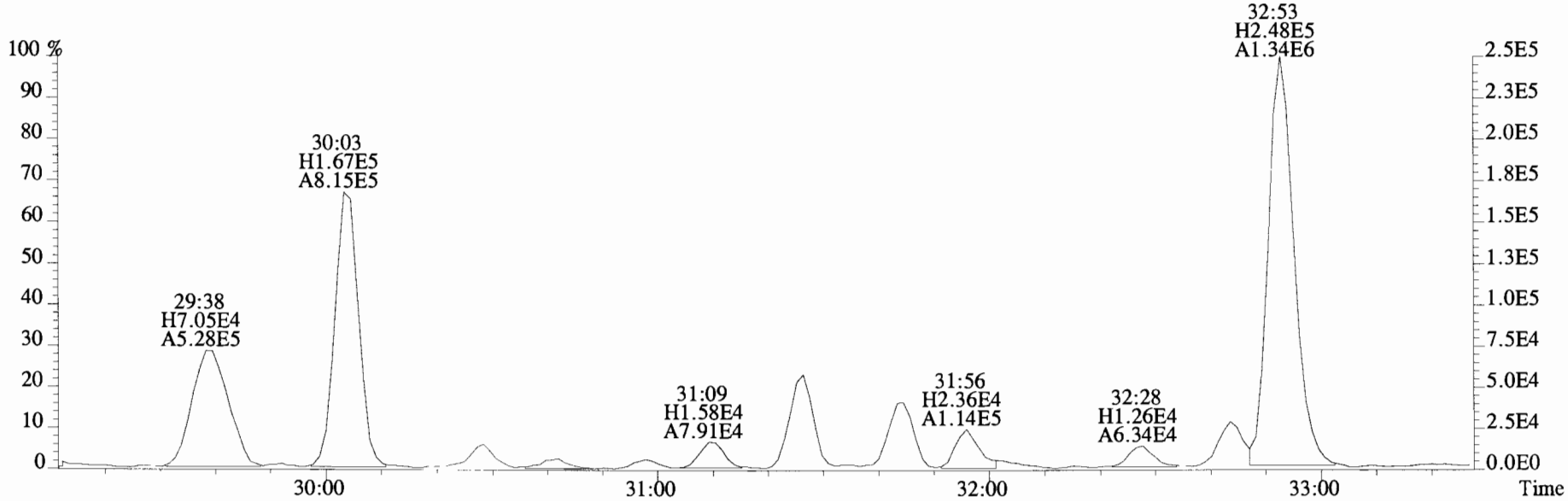
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



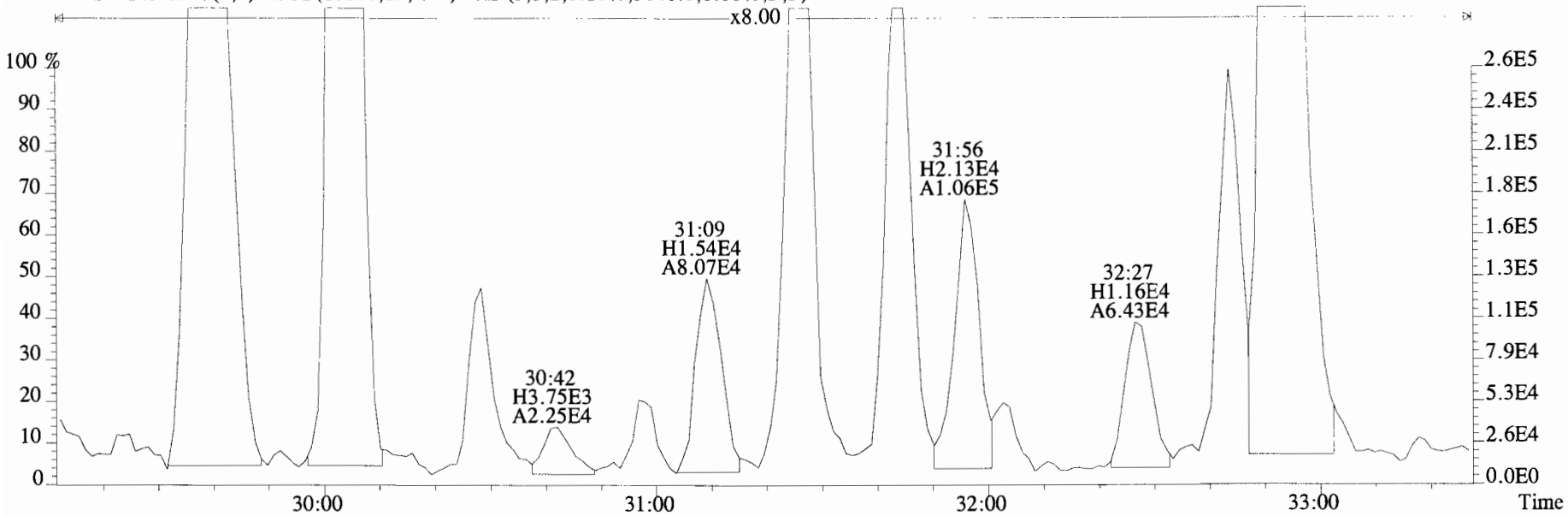
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



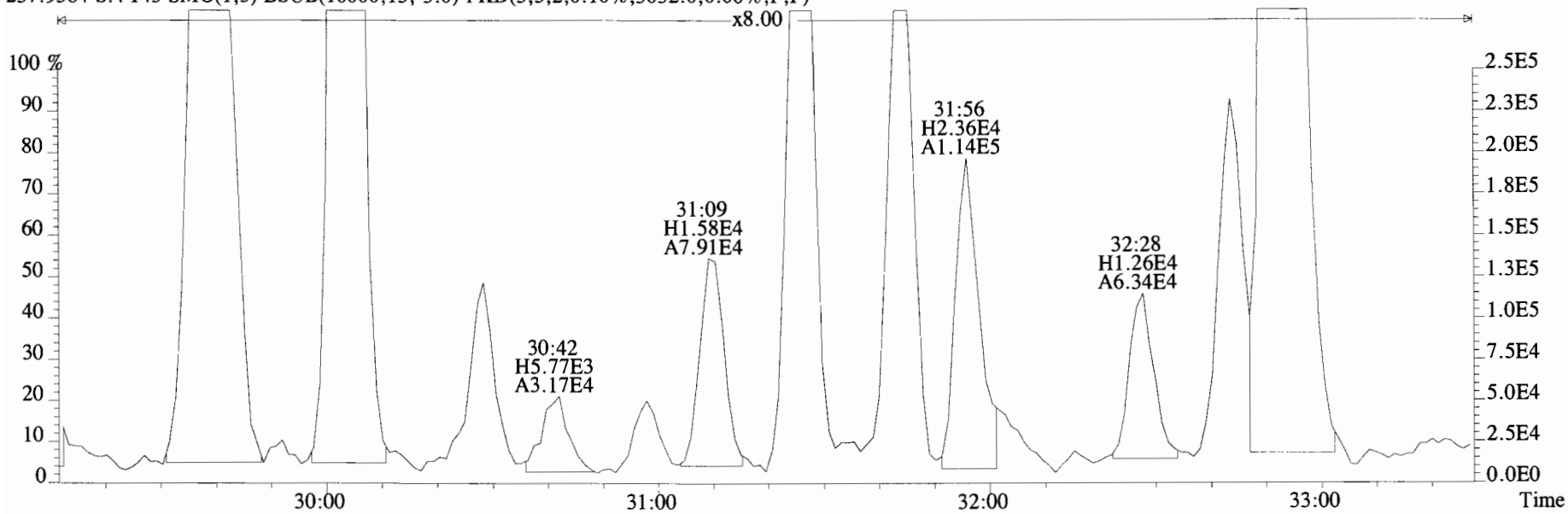
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



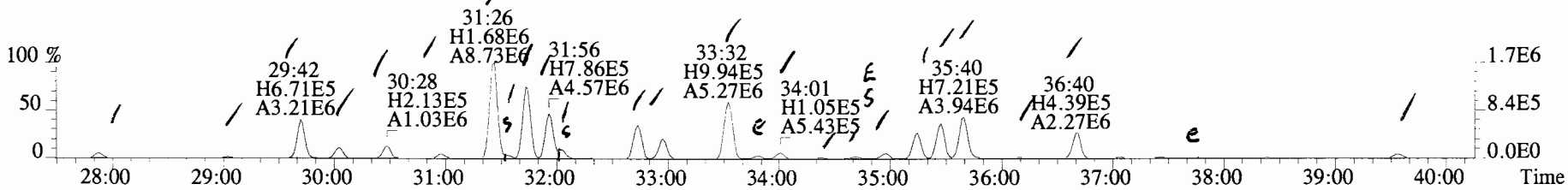
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



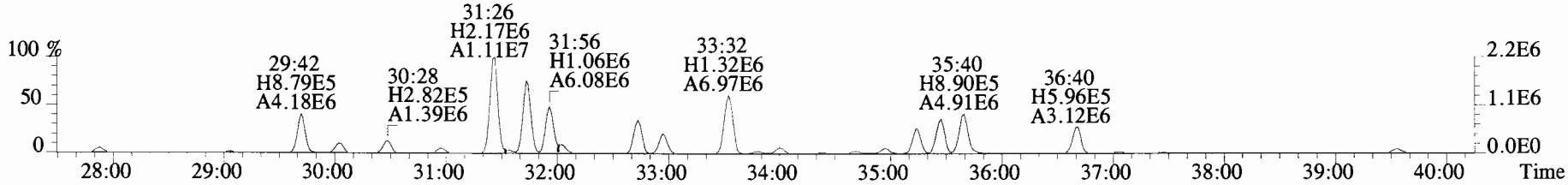
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



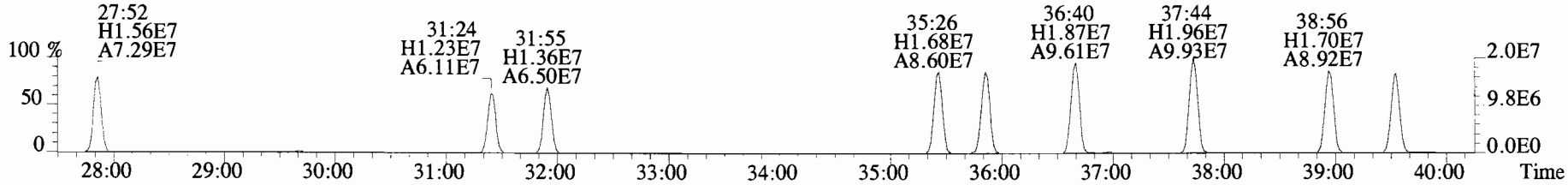
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



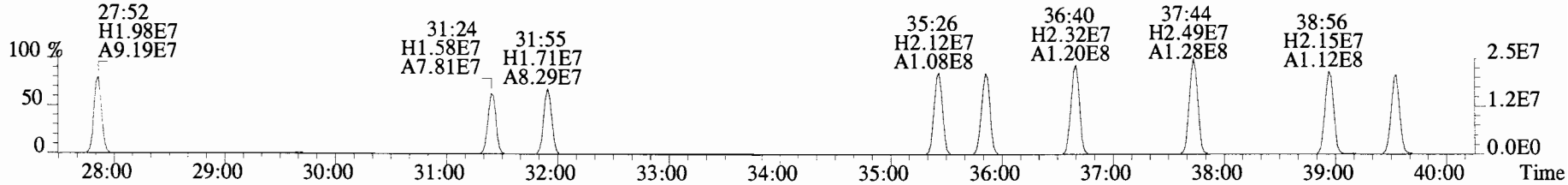
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



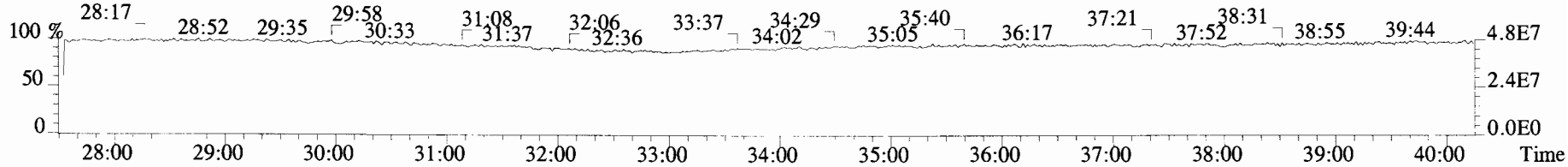
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22400.0,0.00%,F,F)



303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21048.0,0.00%,F,F)

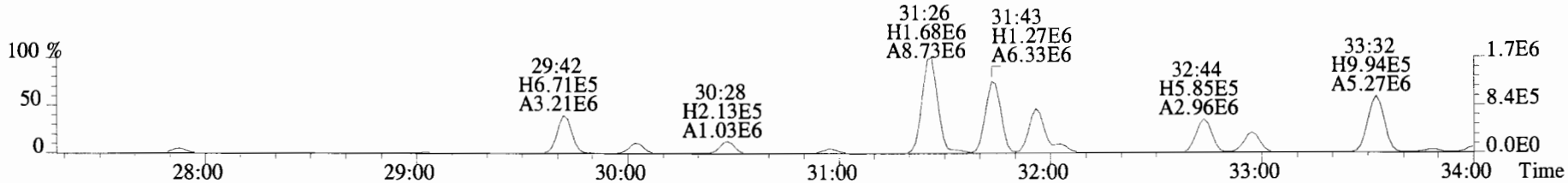


330.9792 S:4 F:3

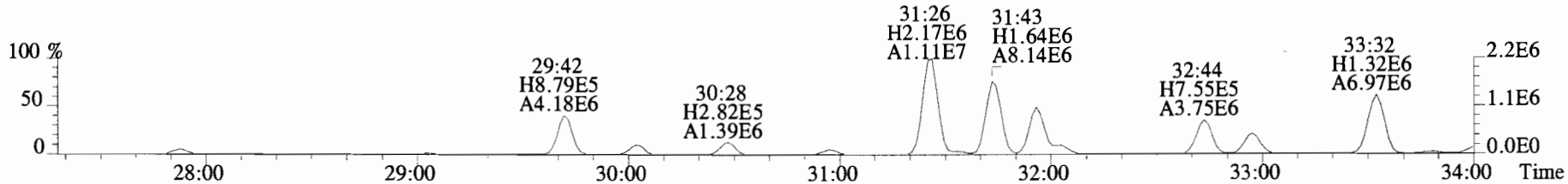


File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

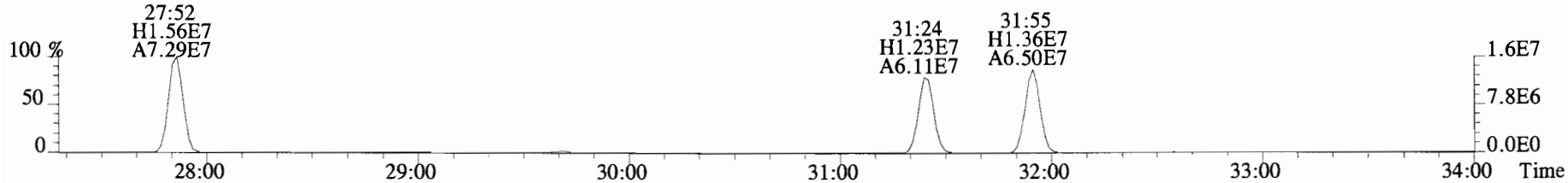
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



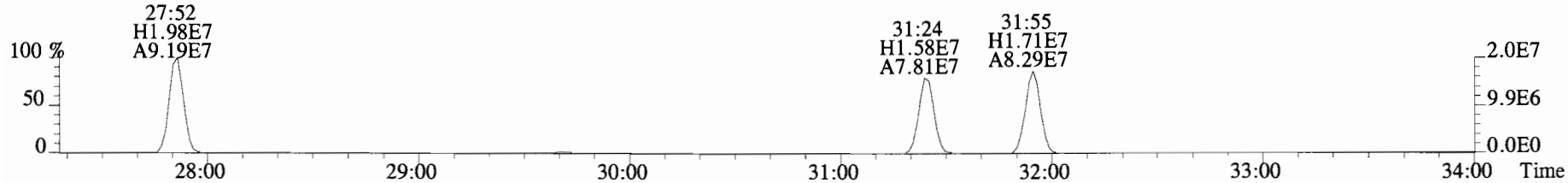
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



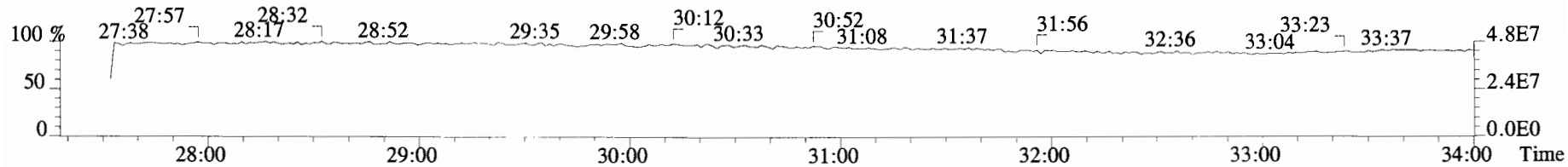
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22400.0,0.00%,F,F)



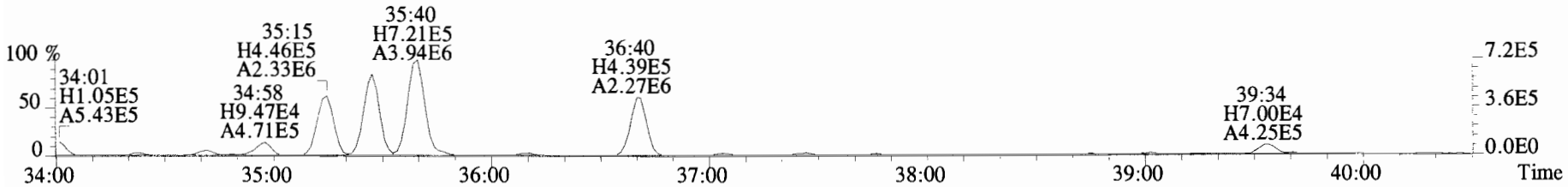
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21048.0,0.00%,F,F)



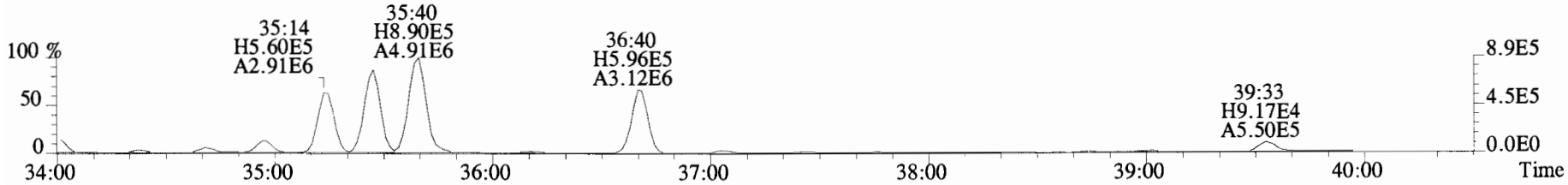
330.9792 S:4 F:3



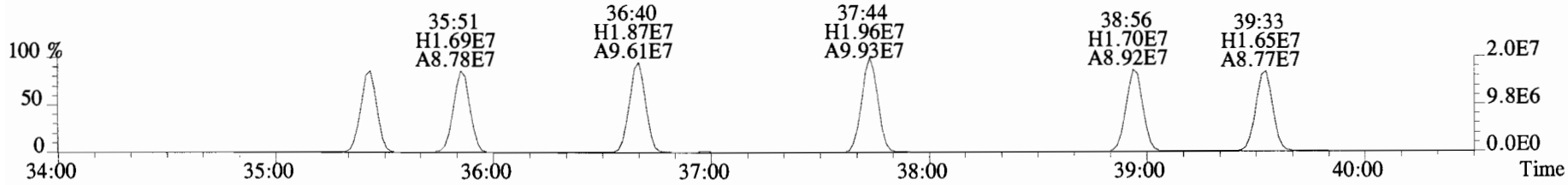
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



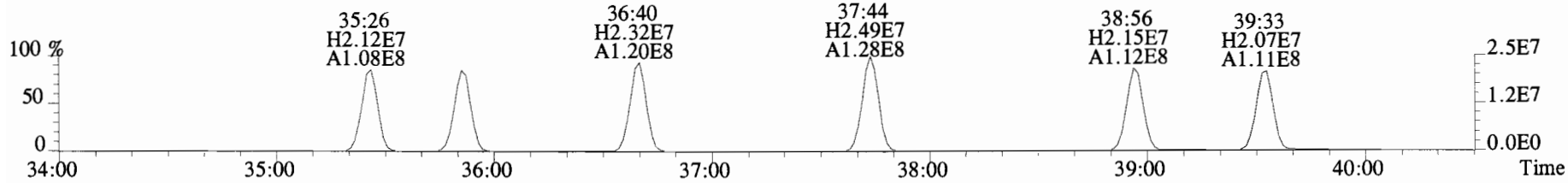
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



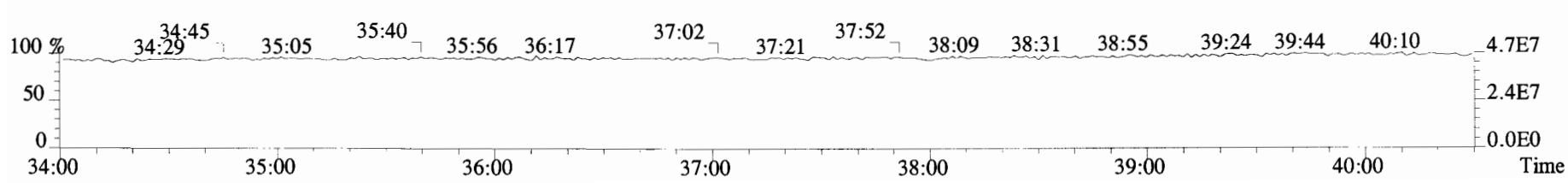
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22400.0,0.00%,F,F)



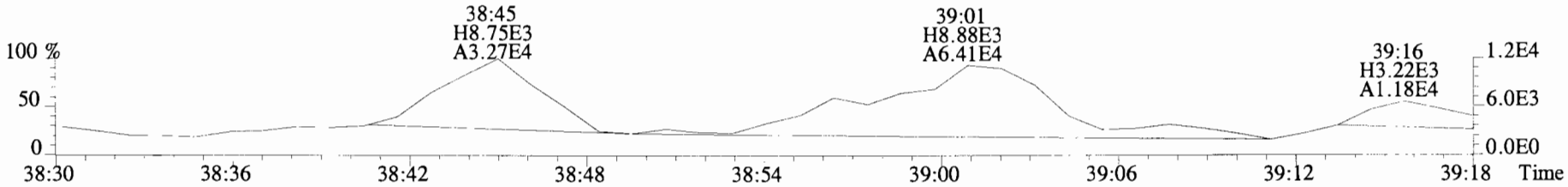
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21048.0,0.00%,F,F)



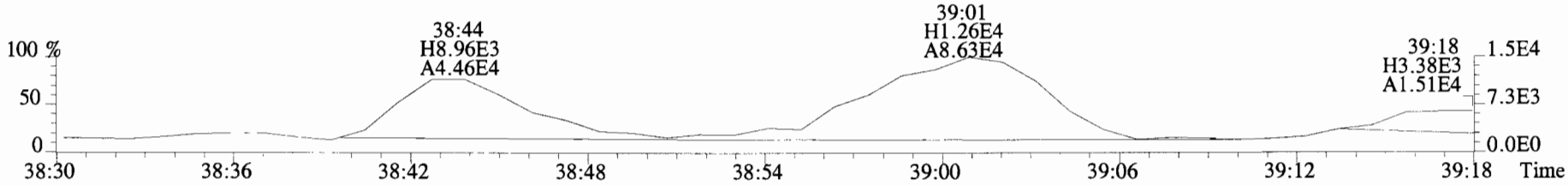
330.9792 S:4 F:3



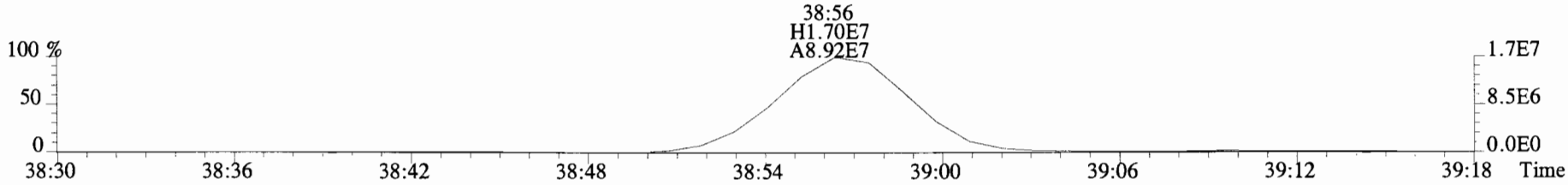
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



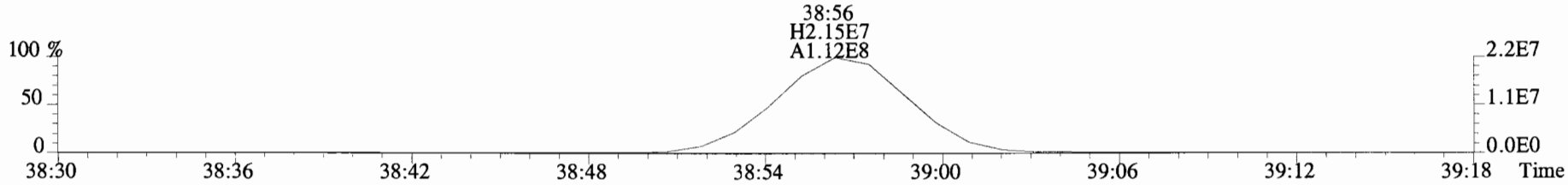
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



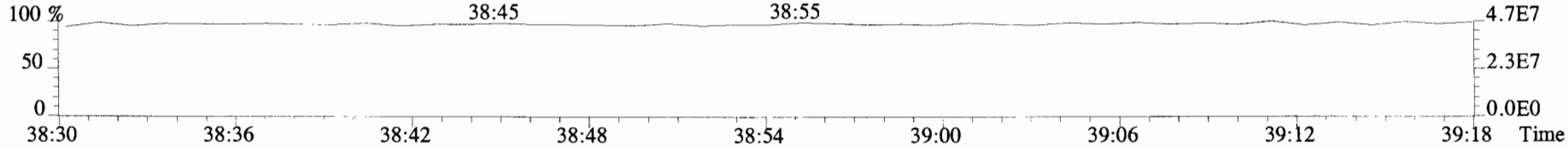
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22400.0,0.00%,F,F)



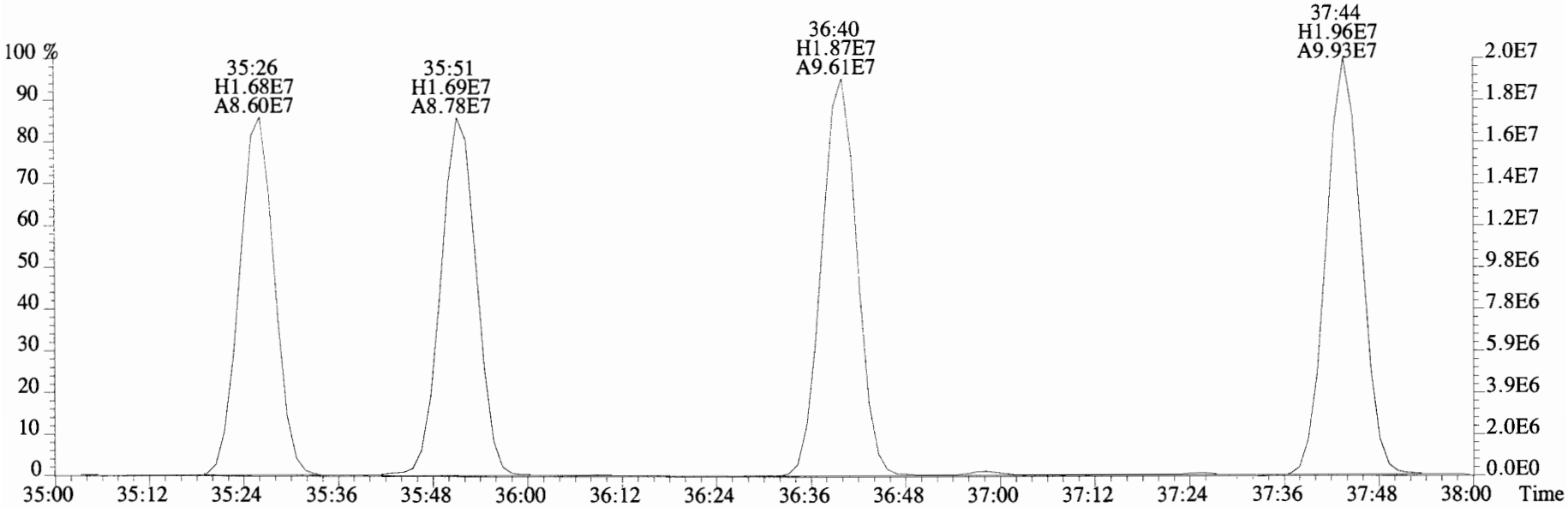
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21048.0,0.00%,F,F)



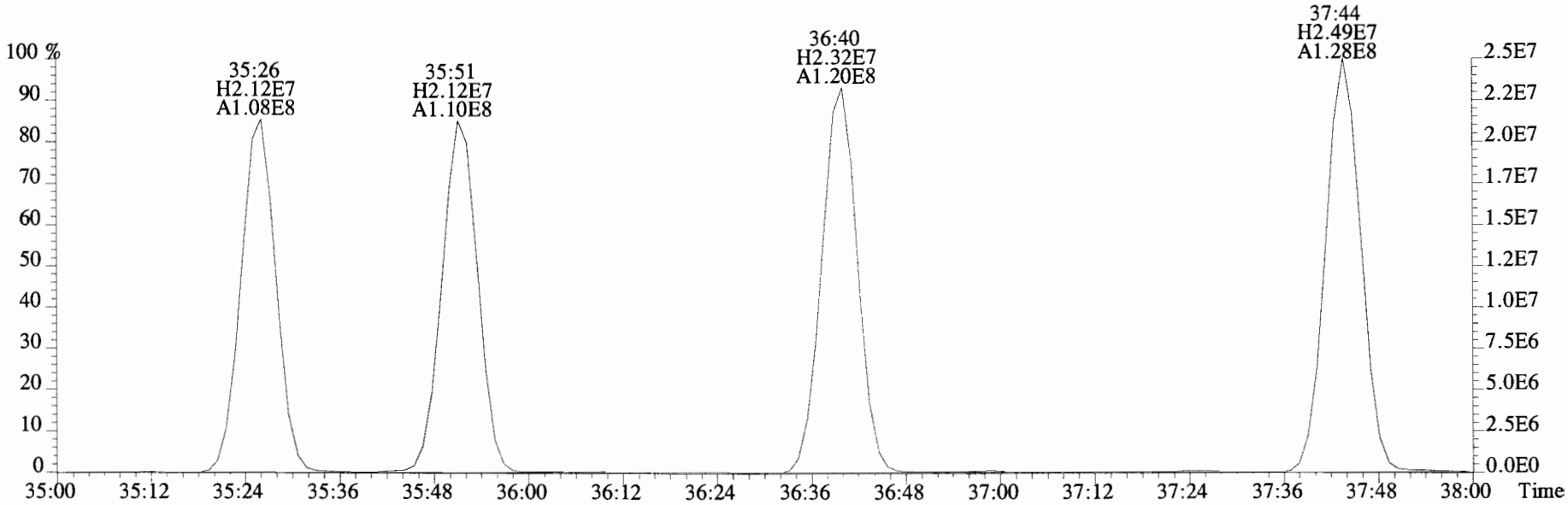
330.9792 S:4 F:3



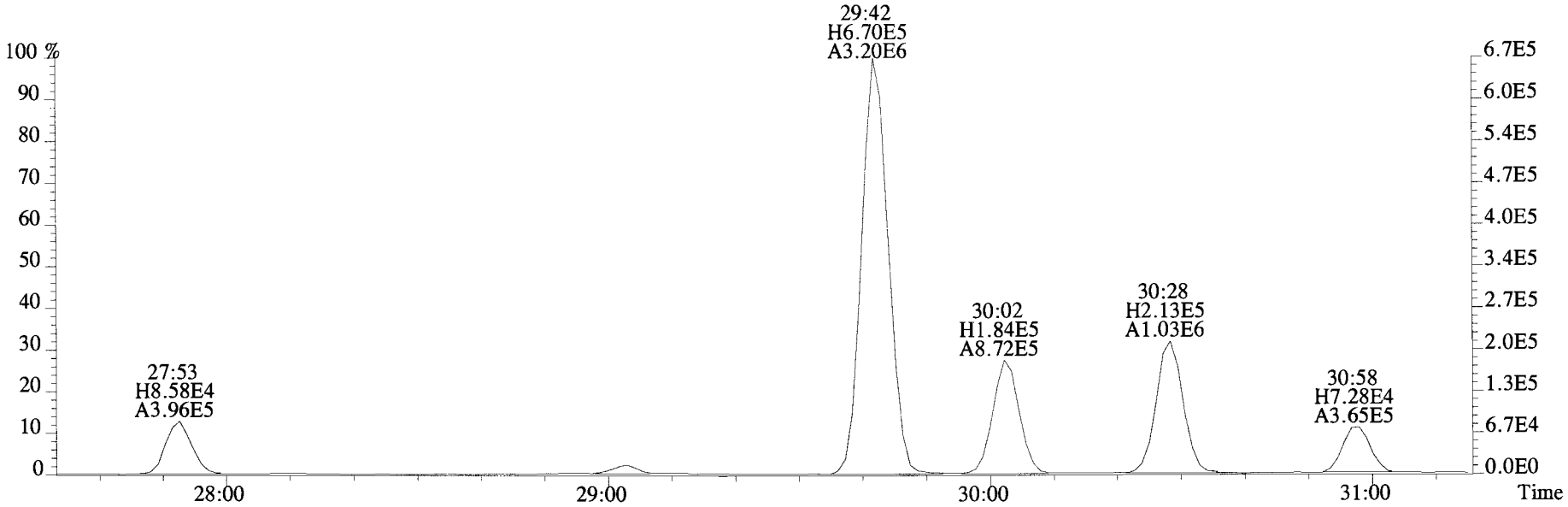
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22400.0,0.00%,F,F)



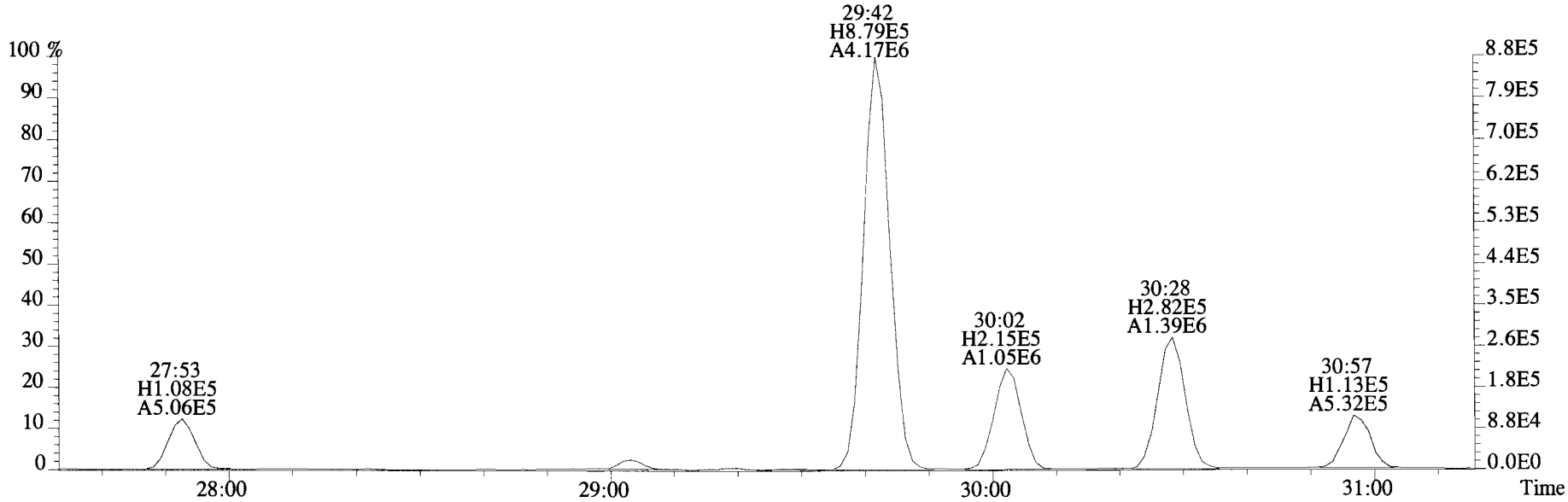
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21048.0,0.00%,F,F)



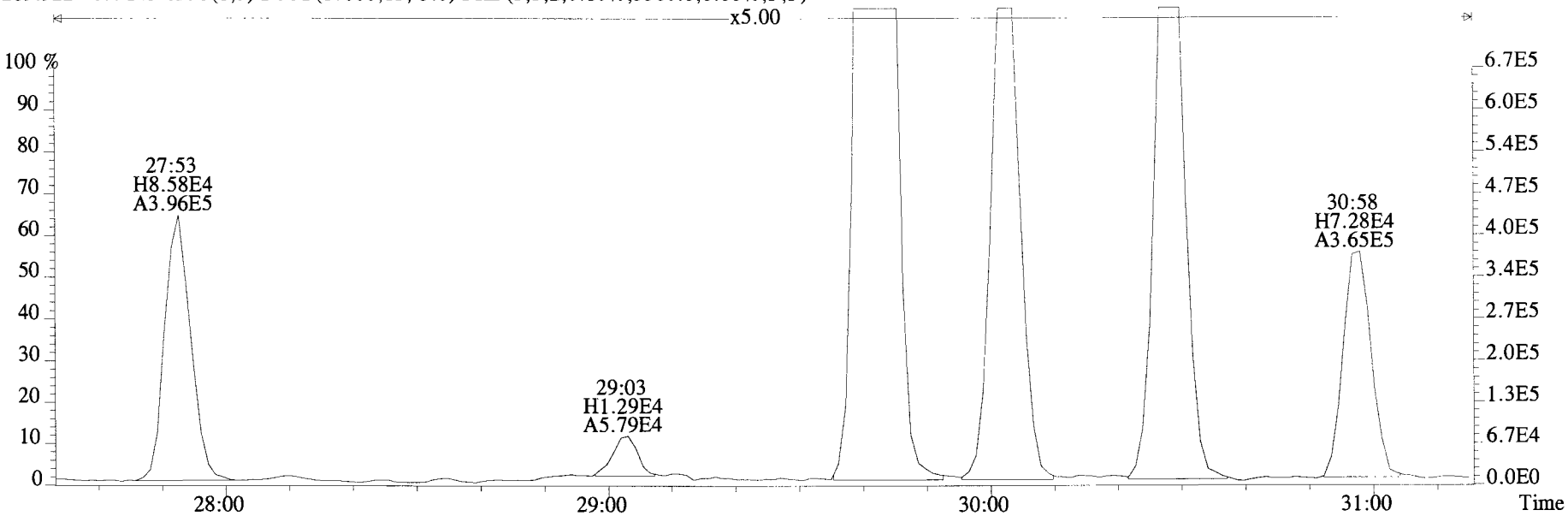
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



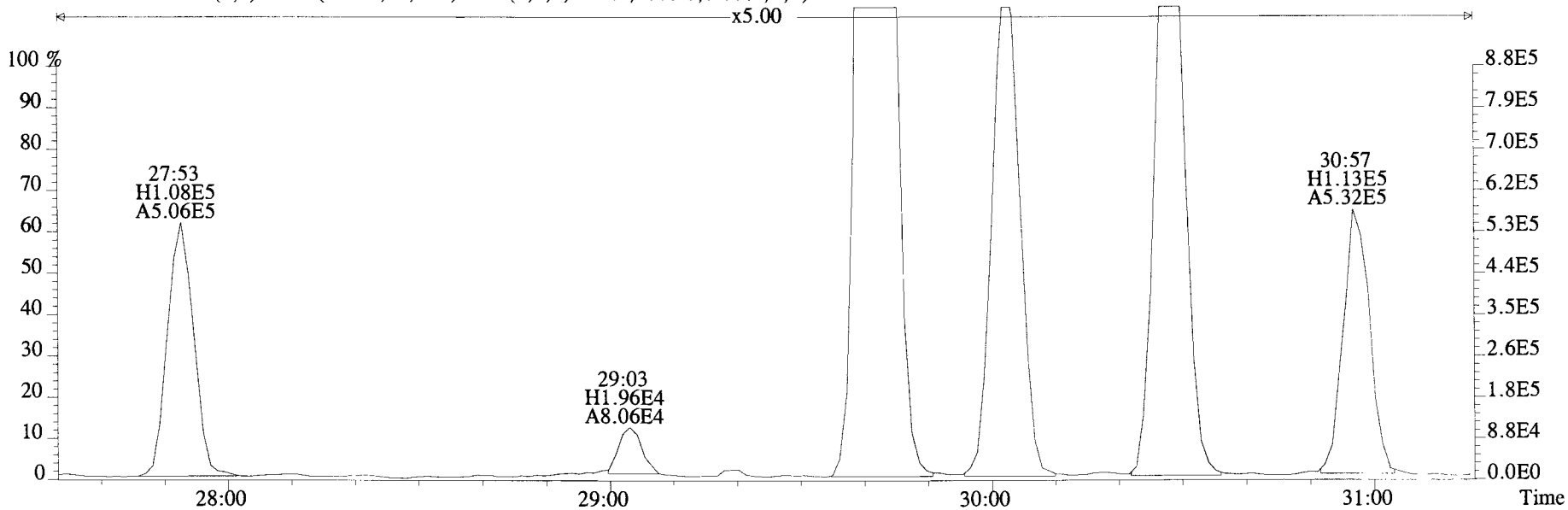
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



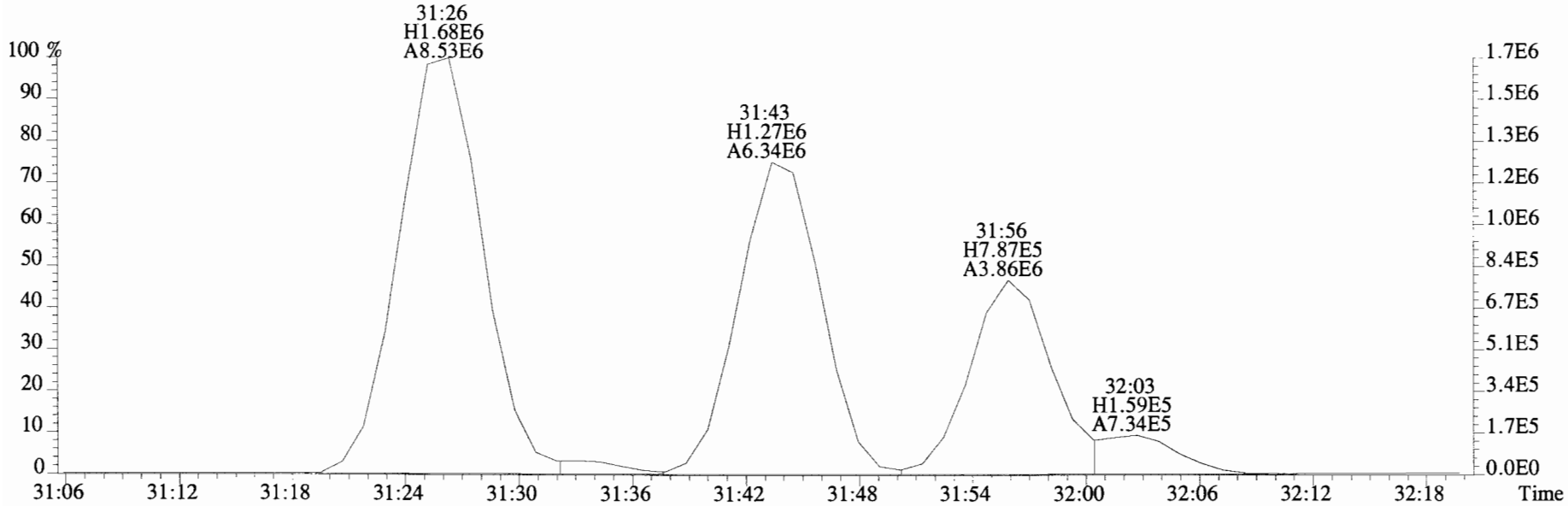
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



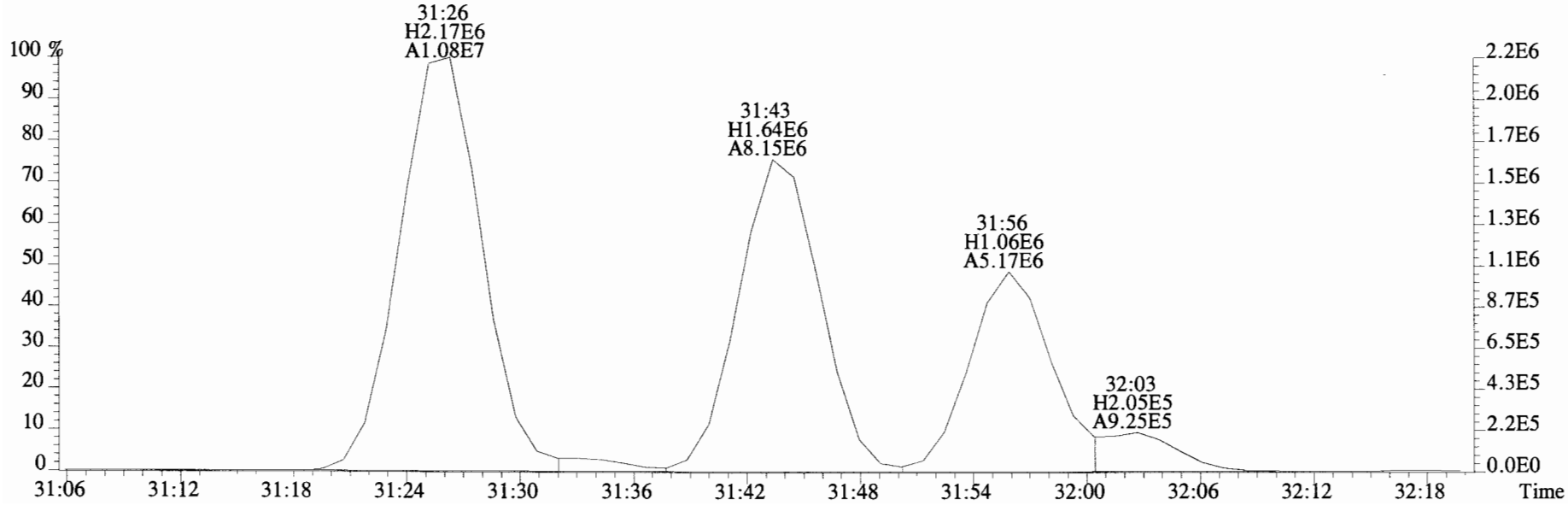
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



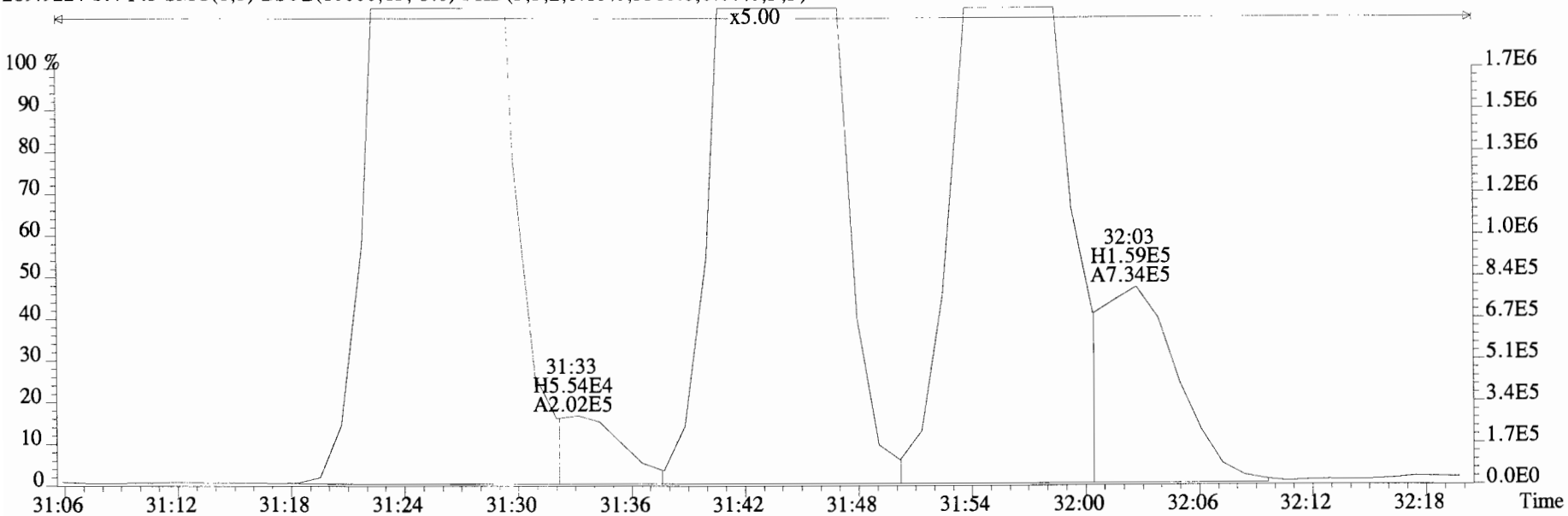
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



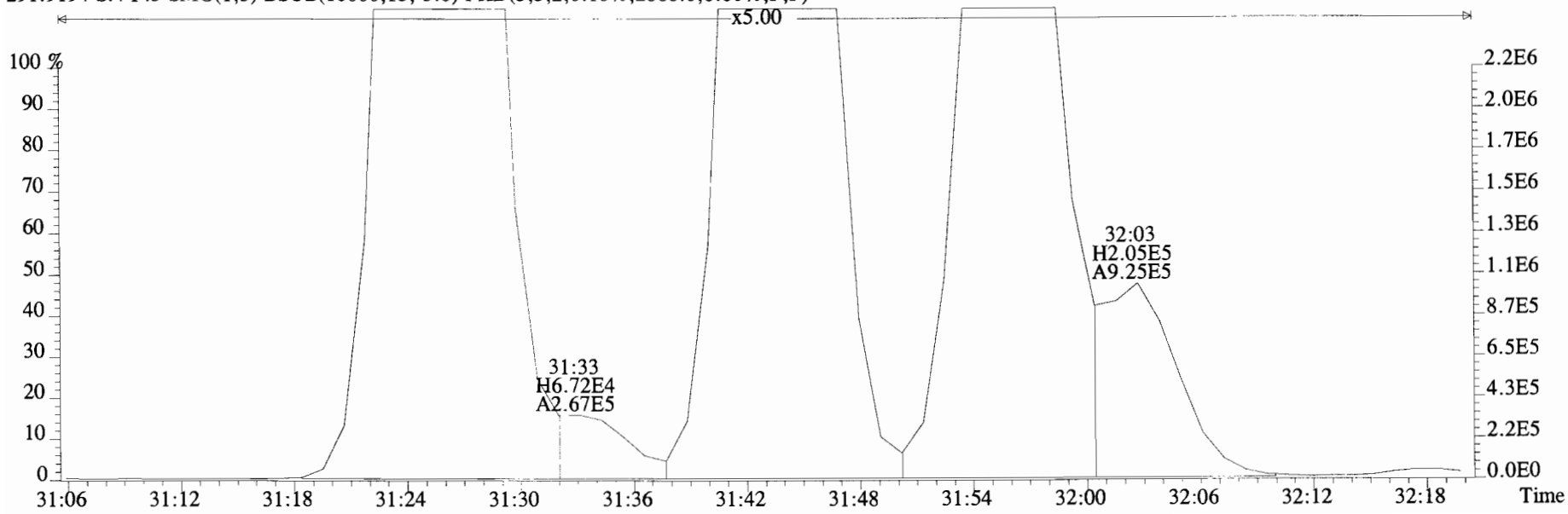
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



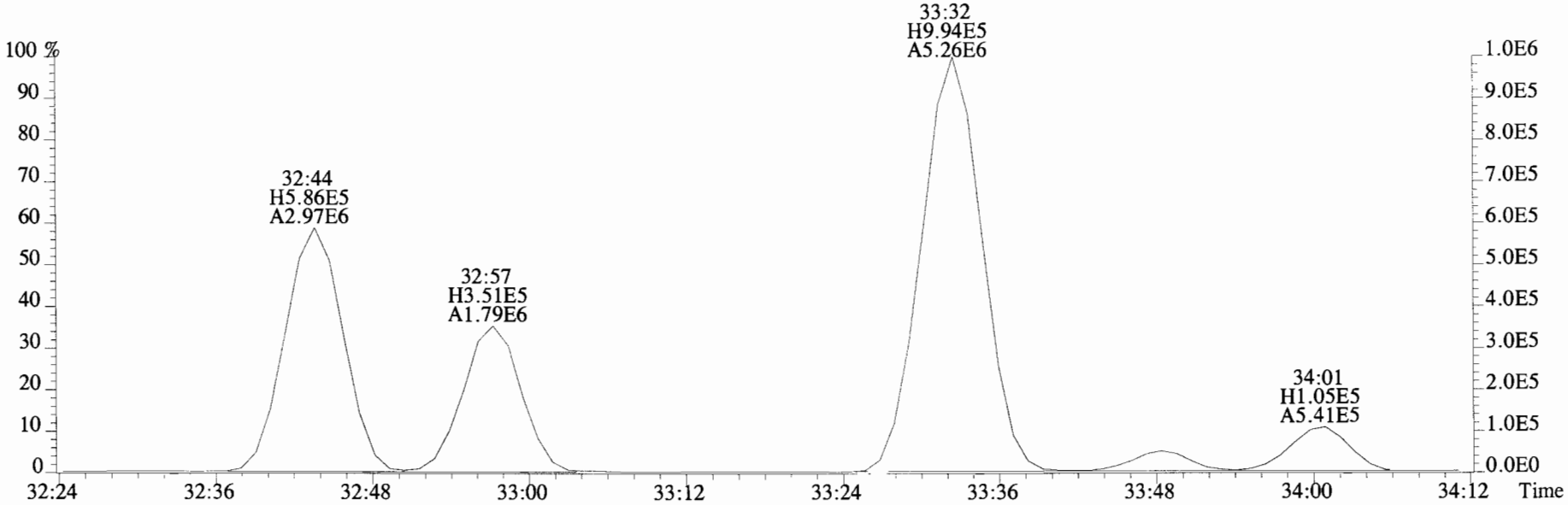
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



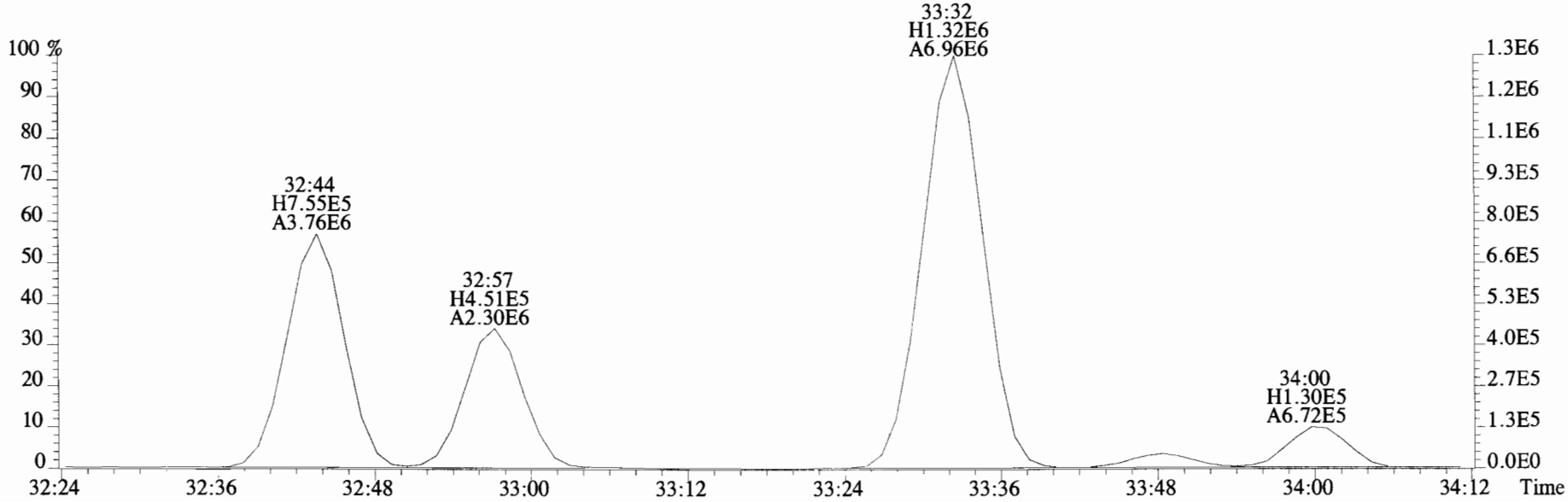
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



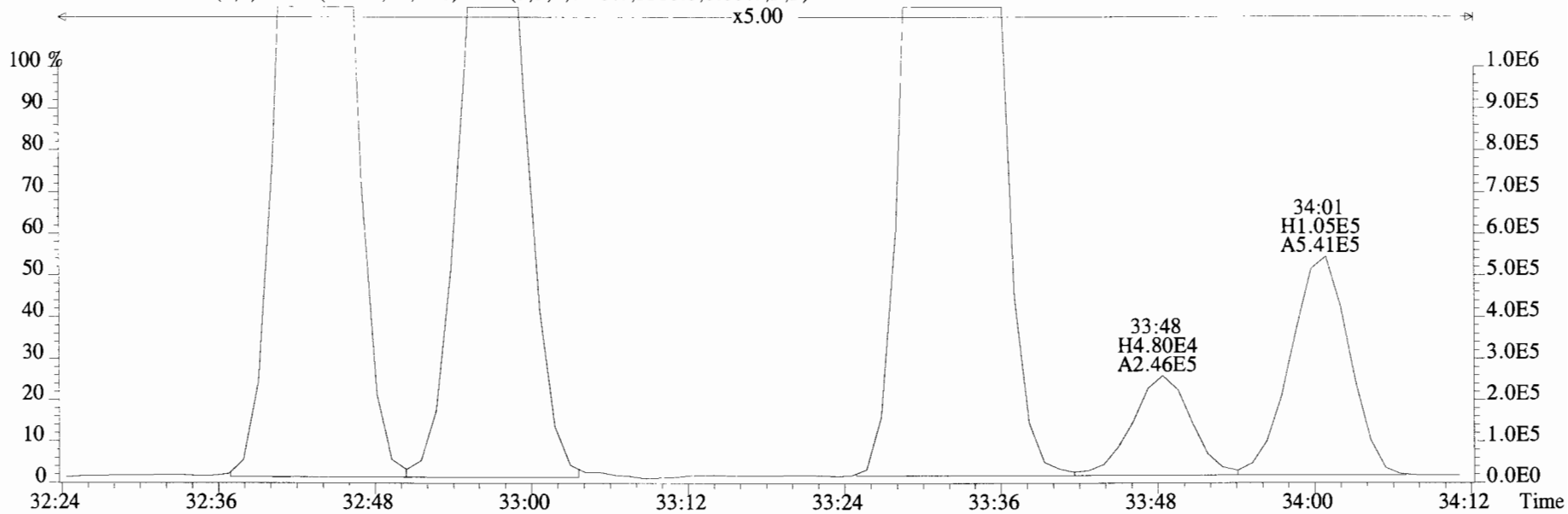
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



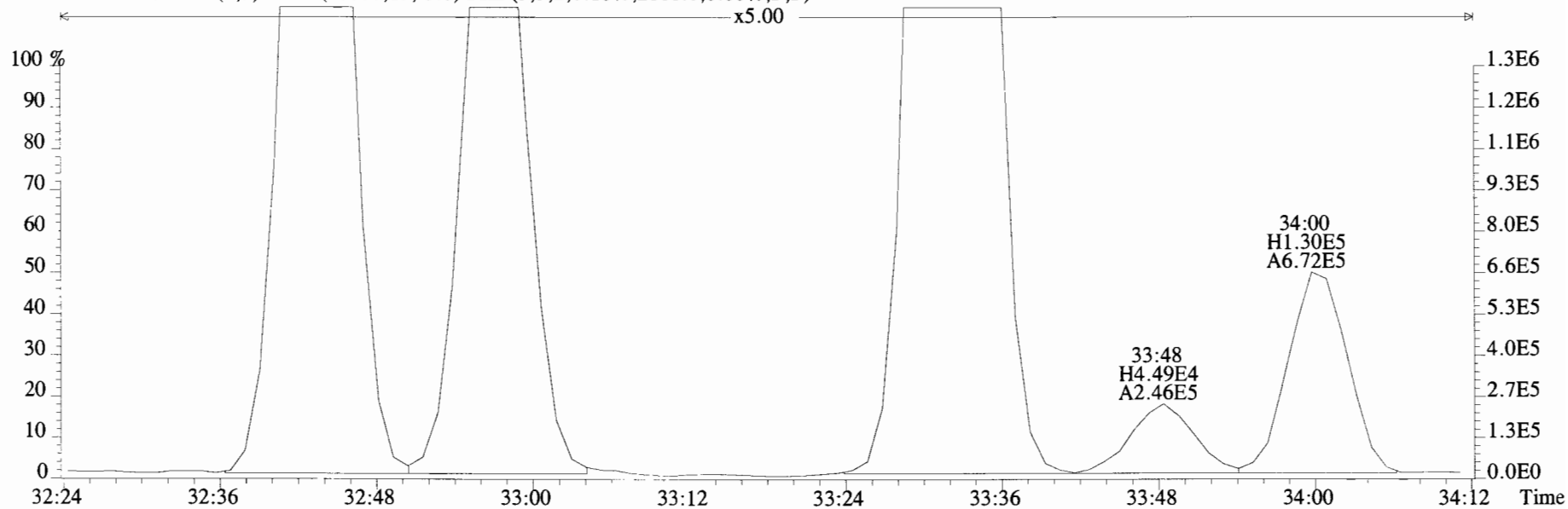
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



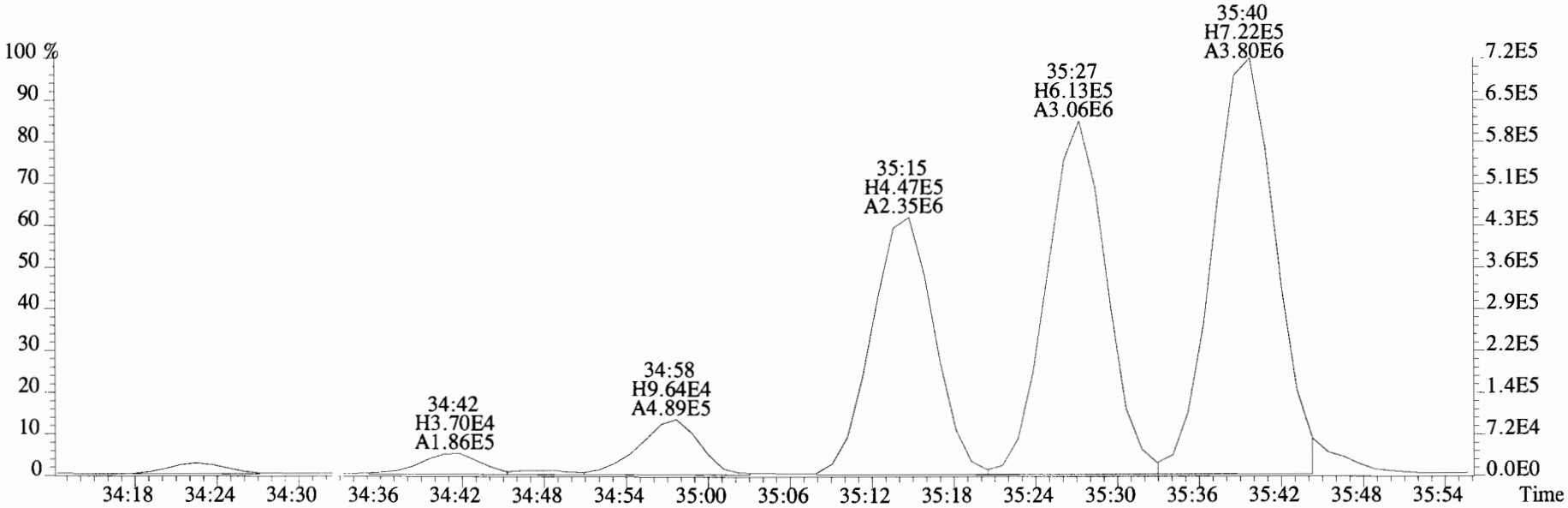
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



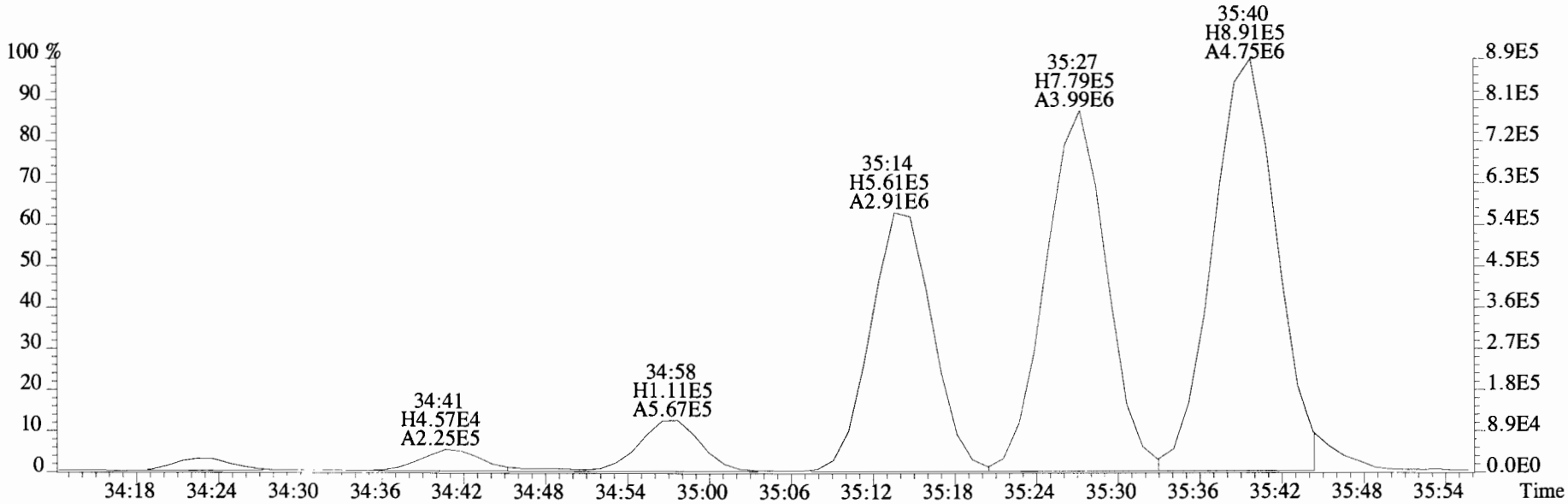
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



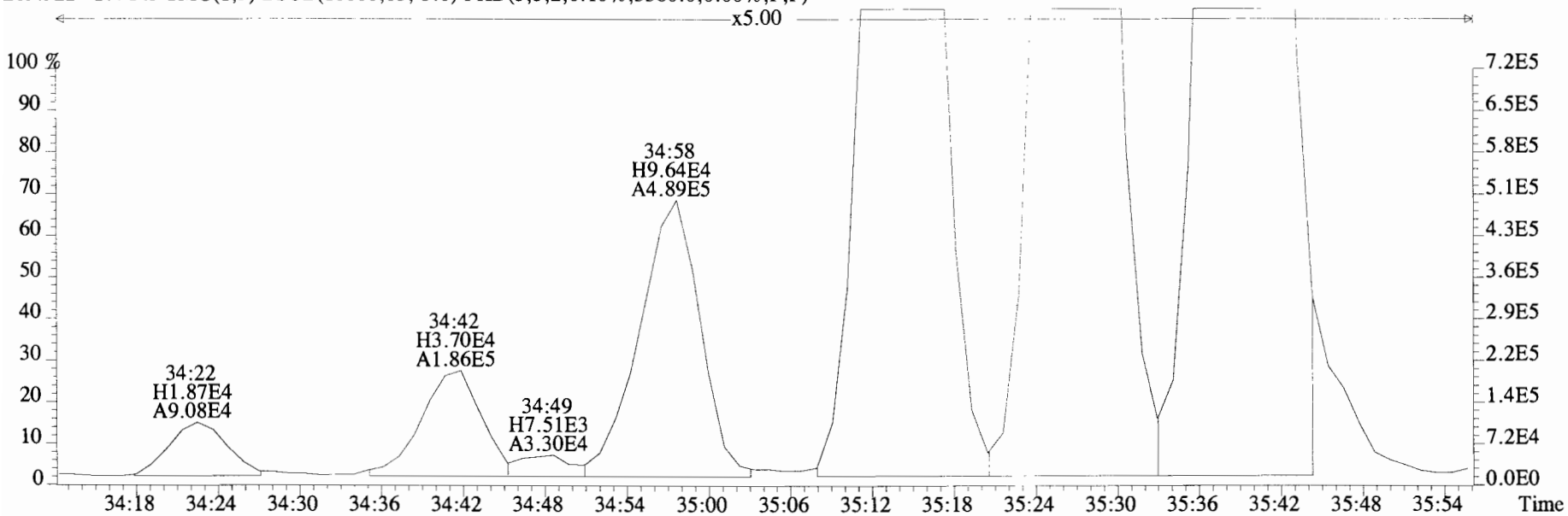
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



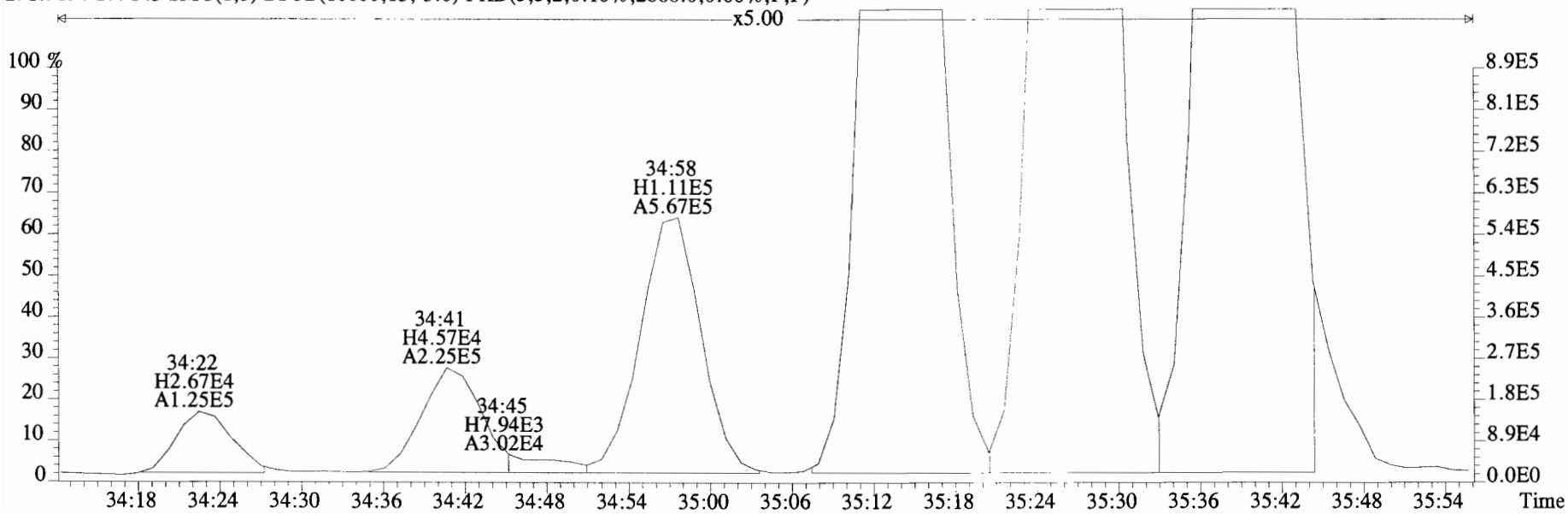
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



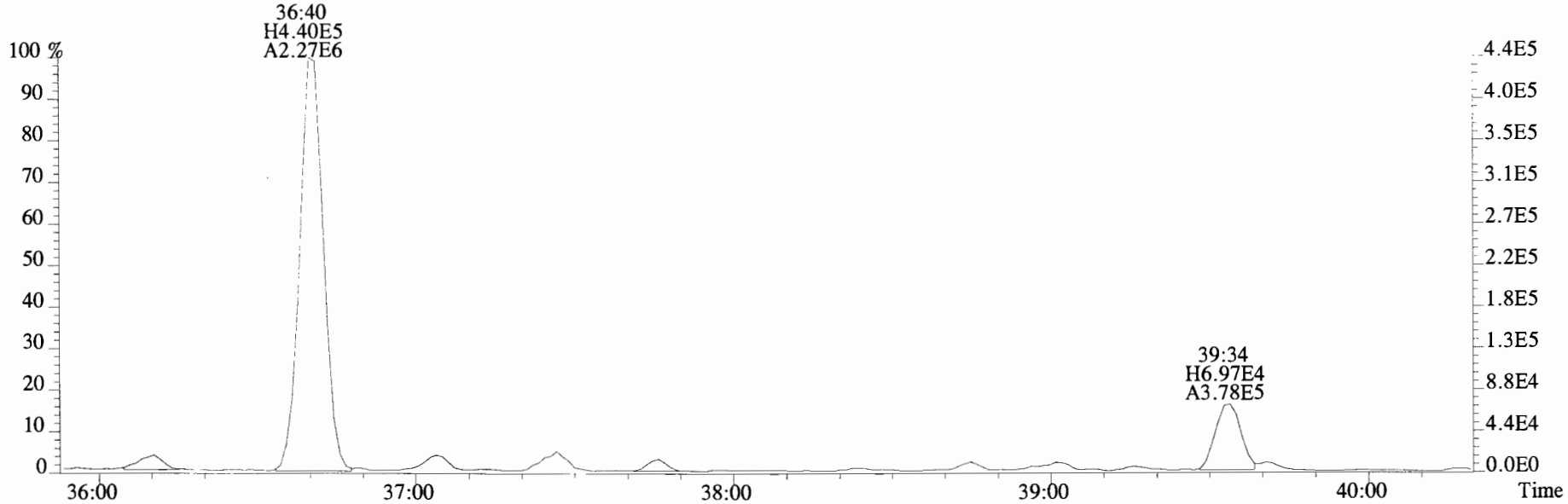
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



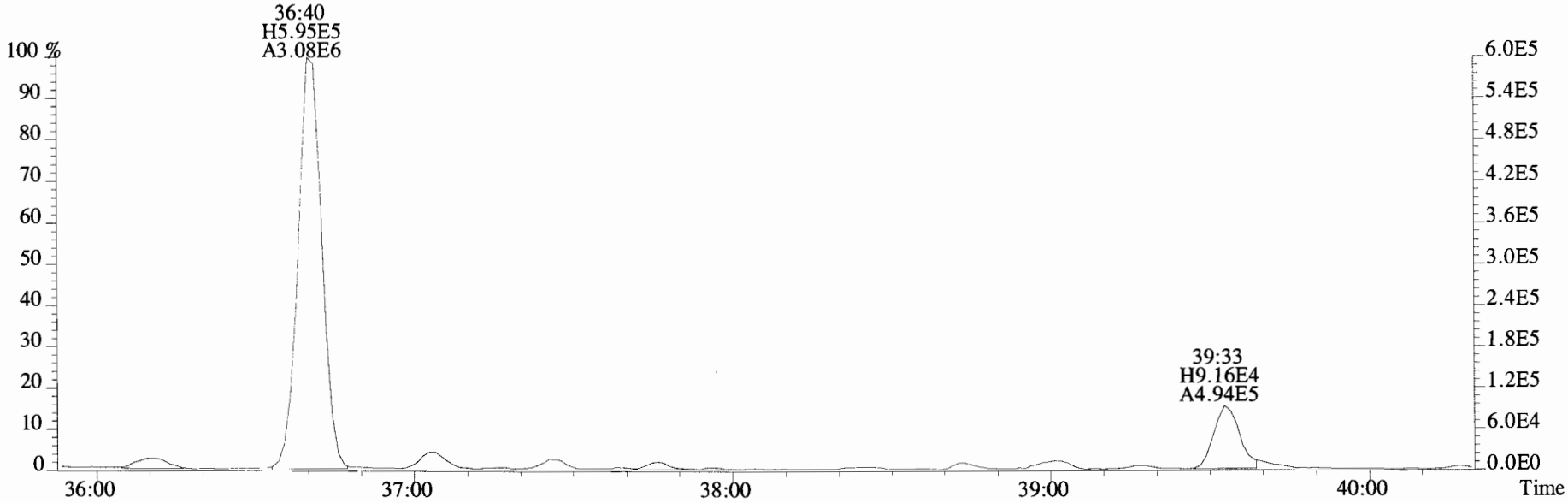
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



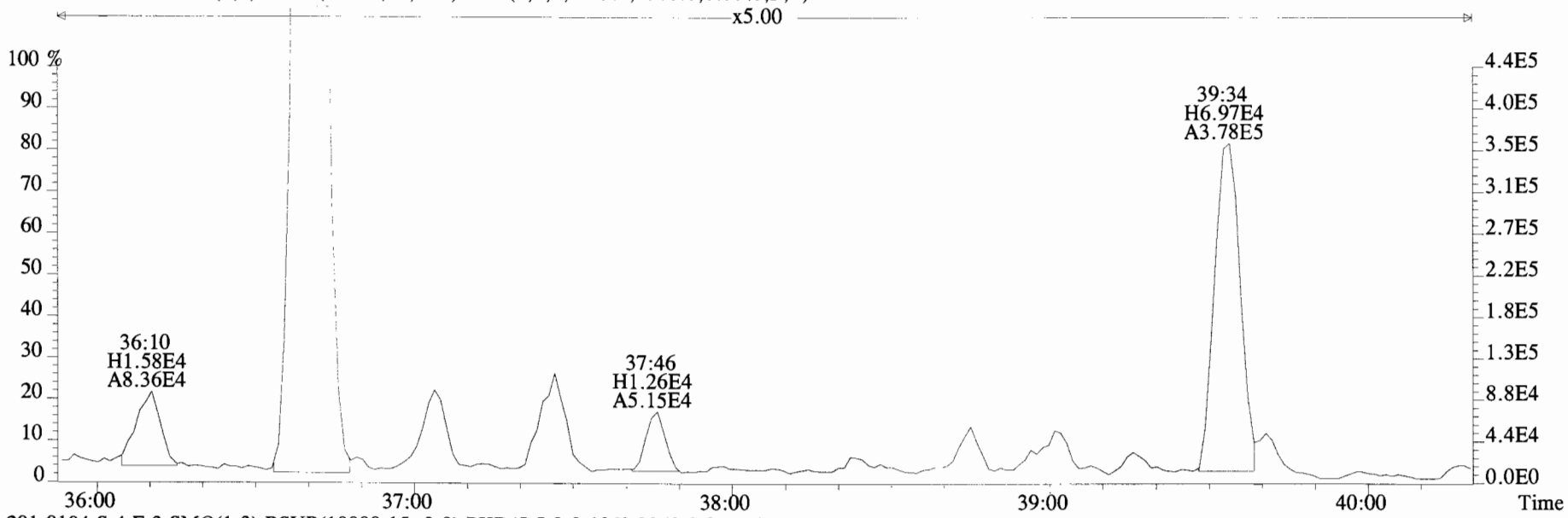
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



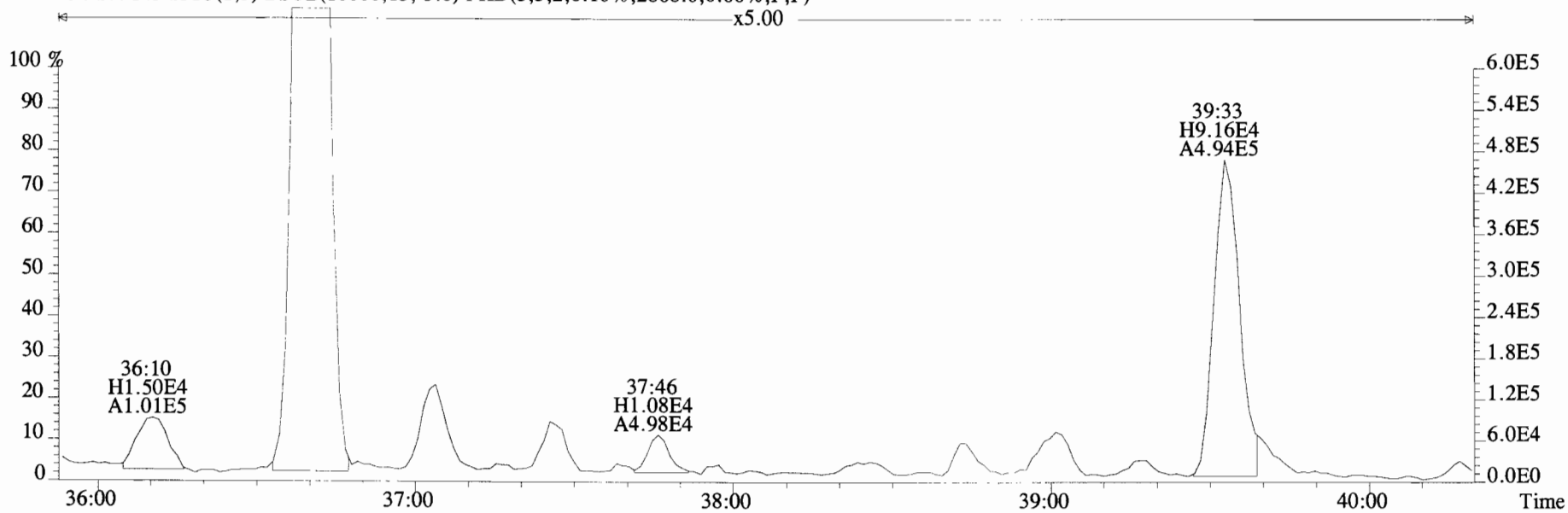
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)

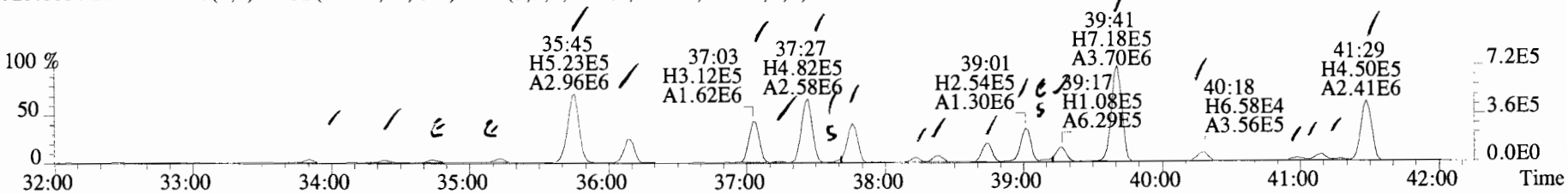


291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)

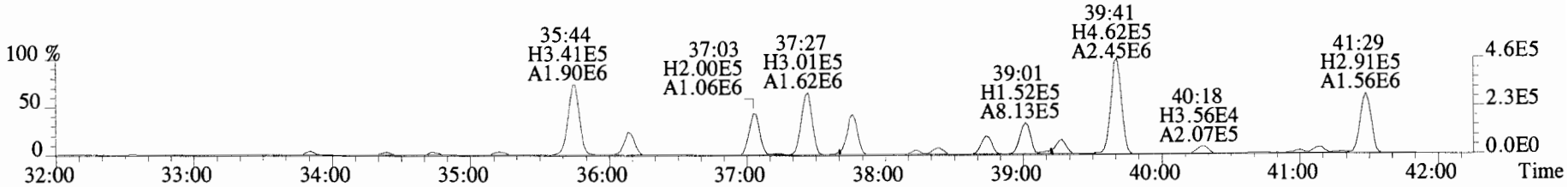


File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

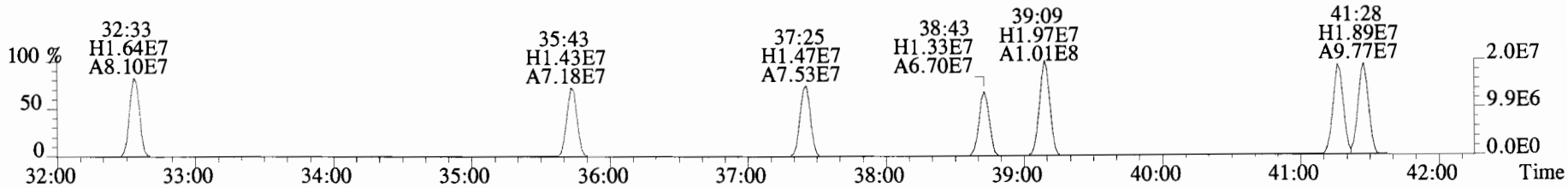
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



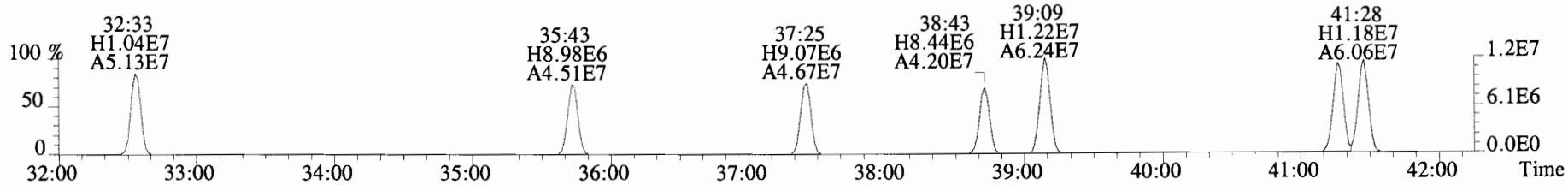
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



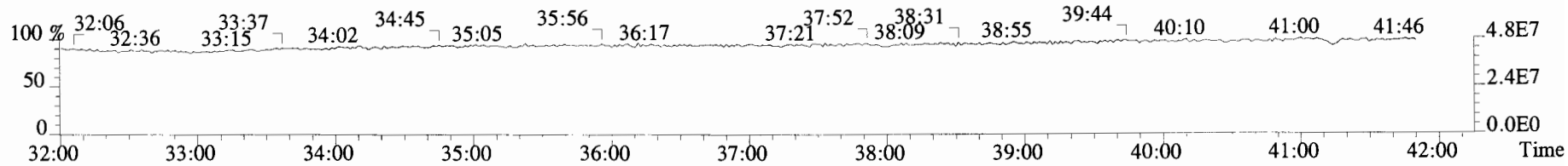
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4076.0,0.00%,F,F)



339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)

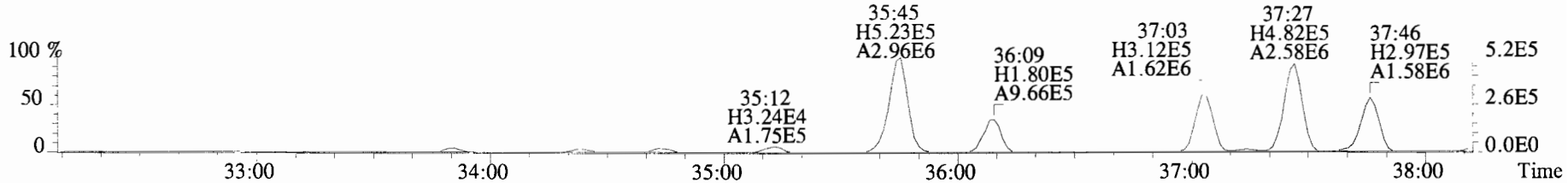


330.9792 S:4 F:3

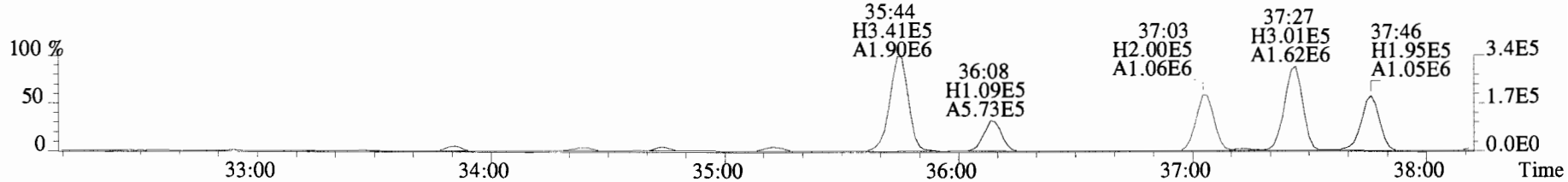


File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

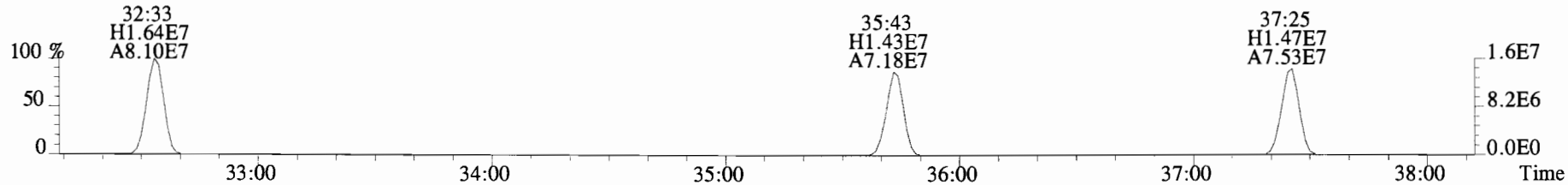
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



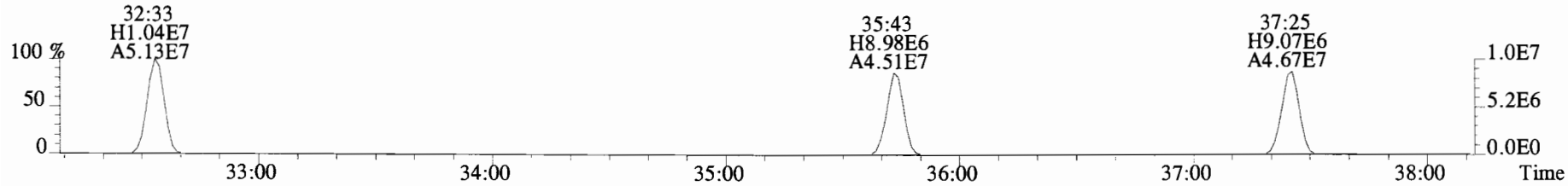
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



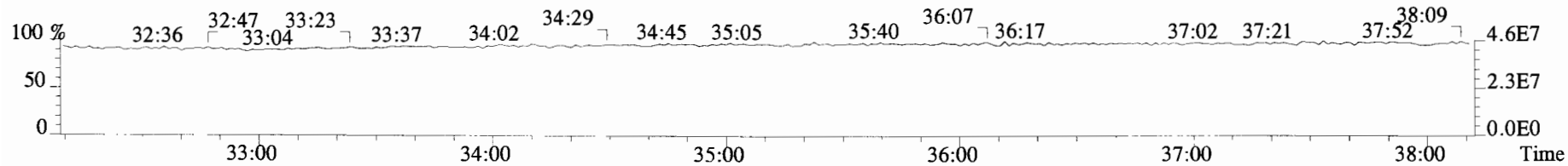
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4076.0,0.00%,F,F)



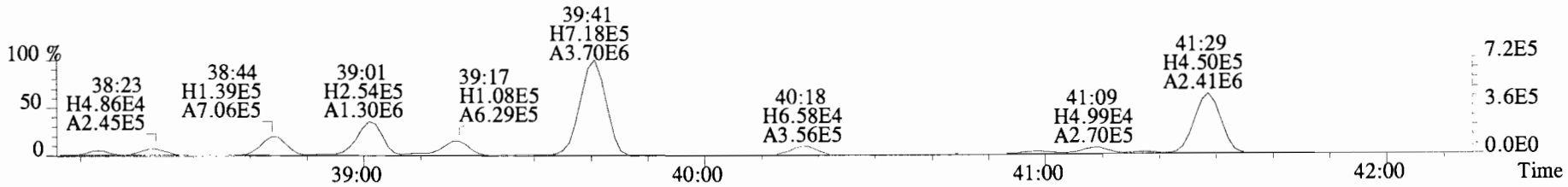
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



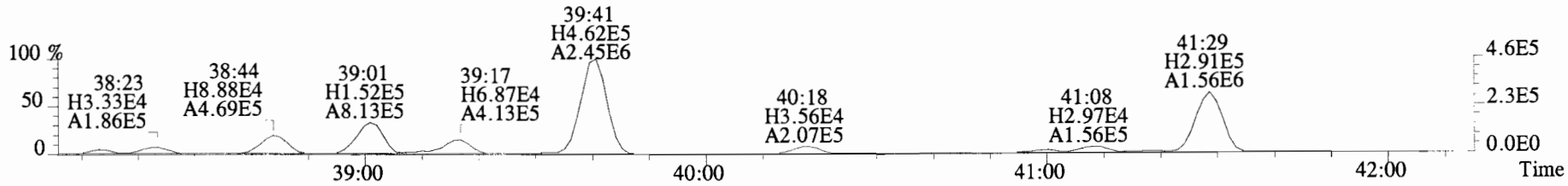
330.9792 S:4 F:3



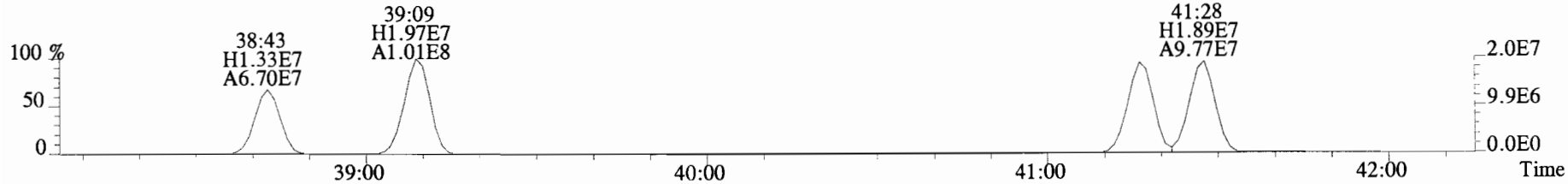
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



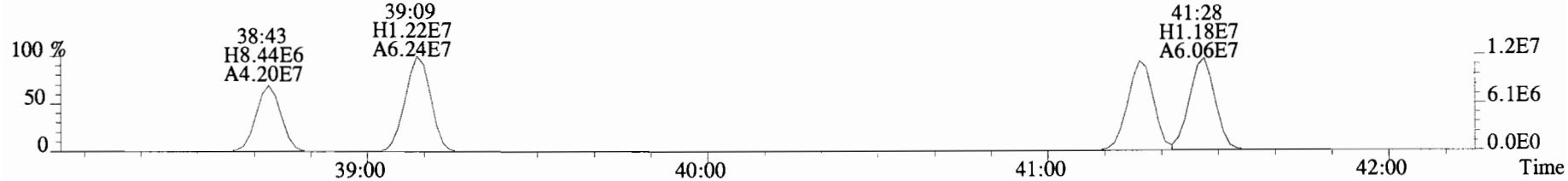
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



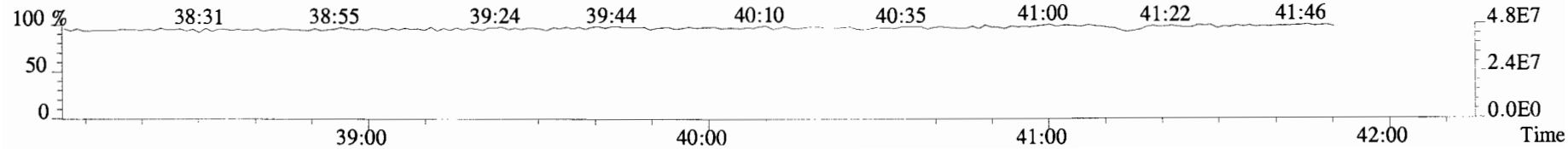
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4076.0,0.00%,F,F)



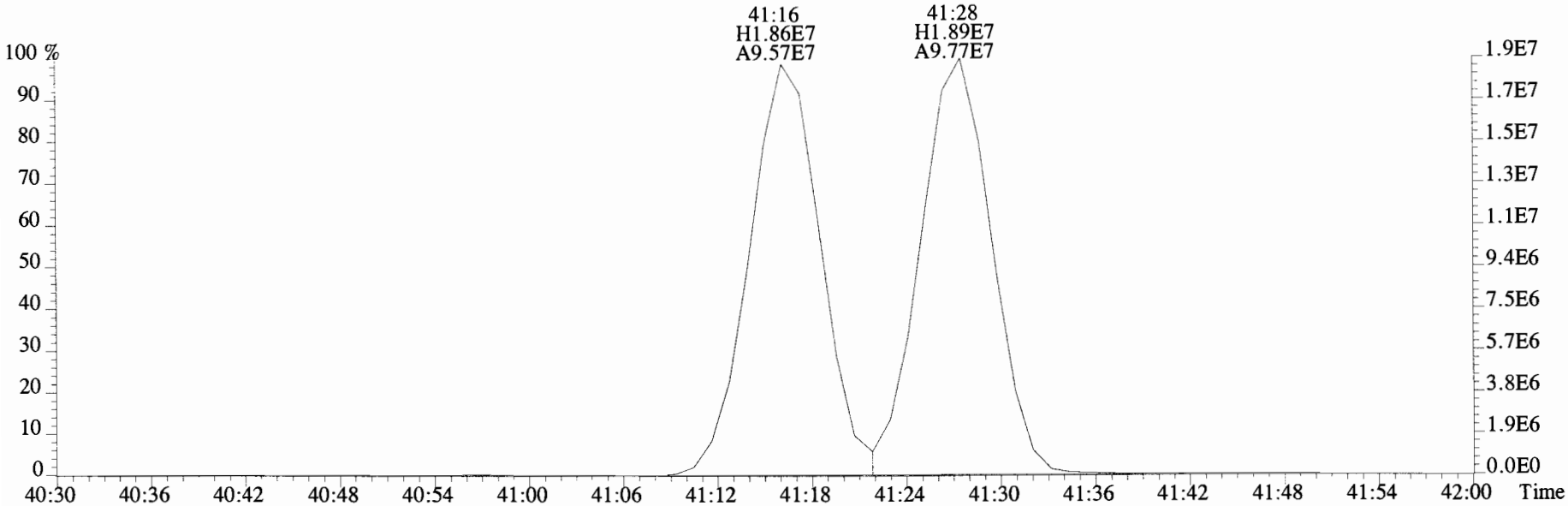
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



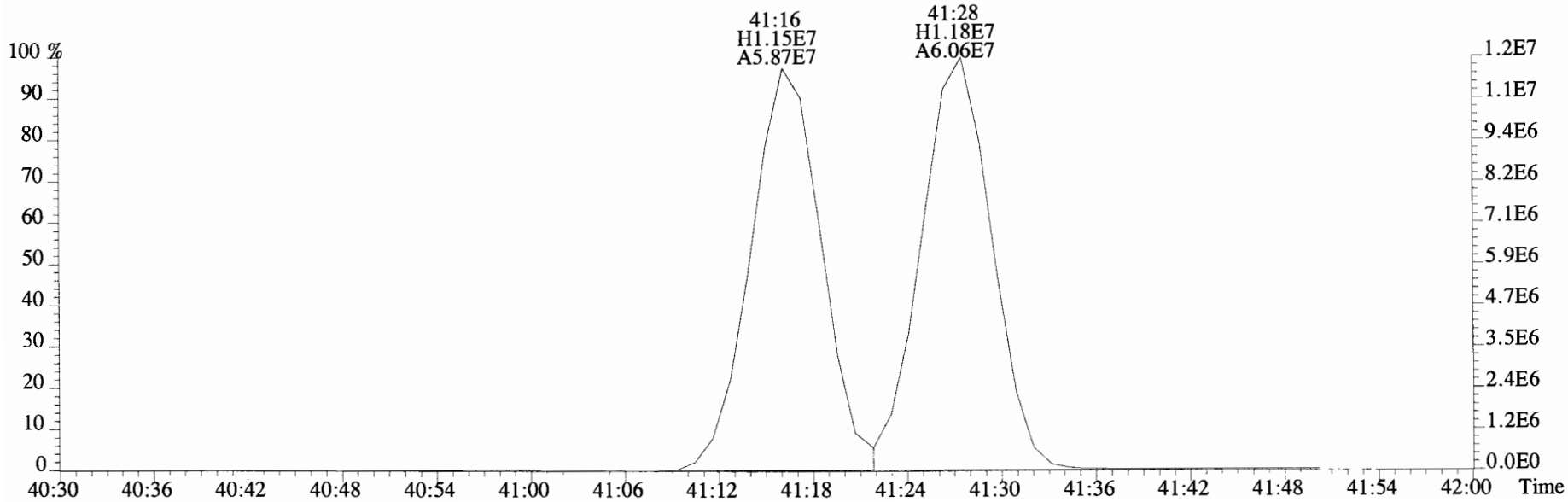
330.9792 S:4 F:3



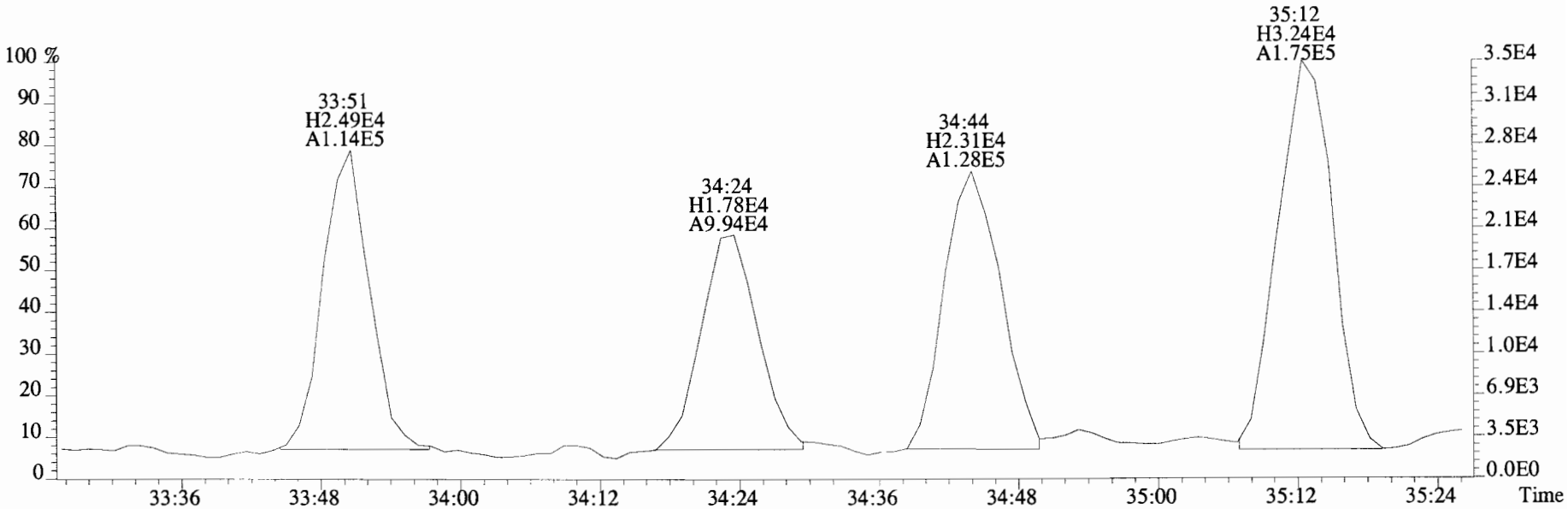
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4076.0,0.00%,F,F)



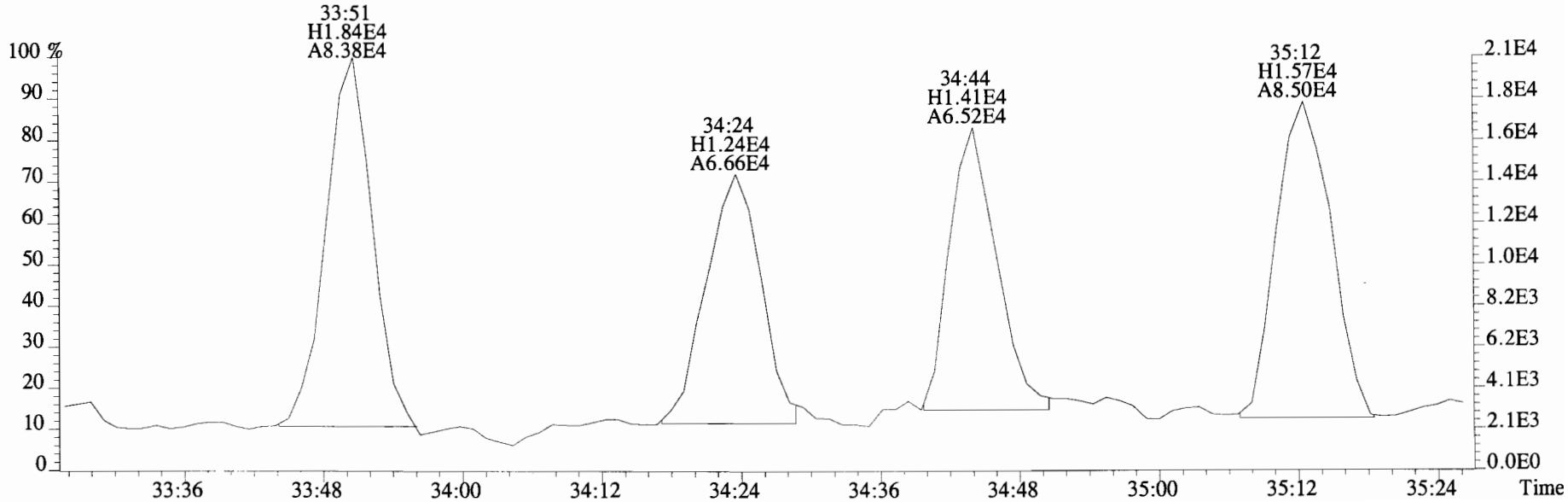
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



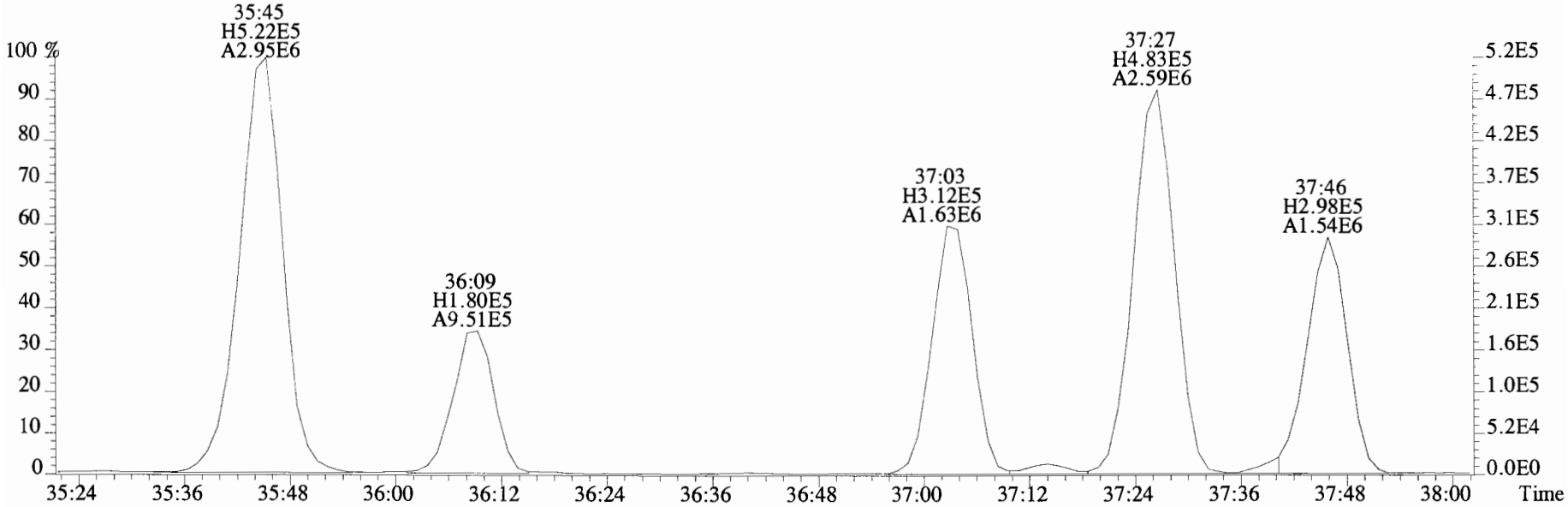
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



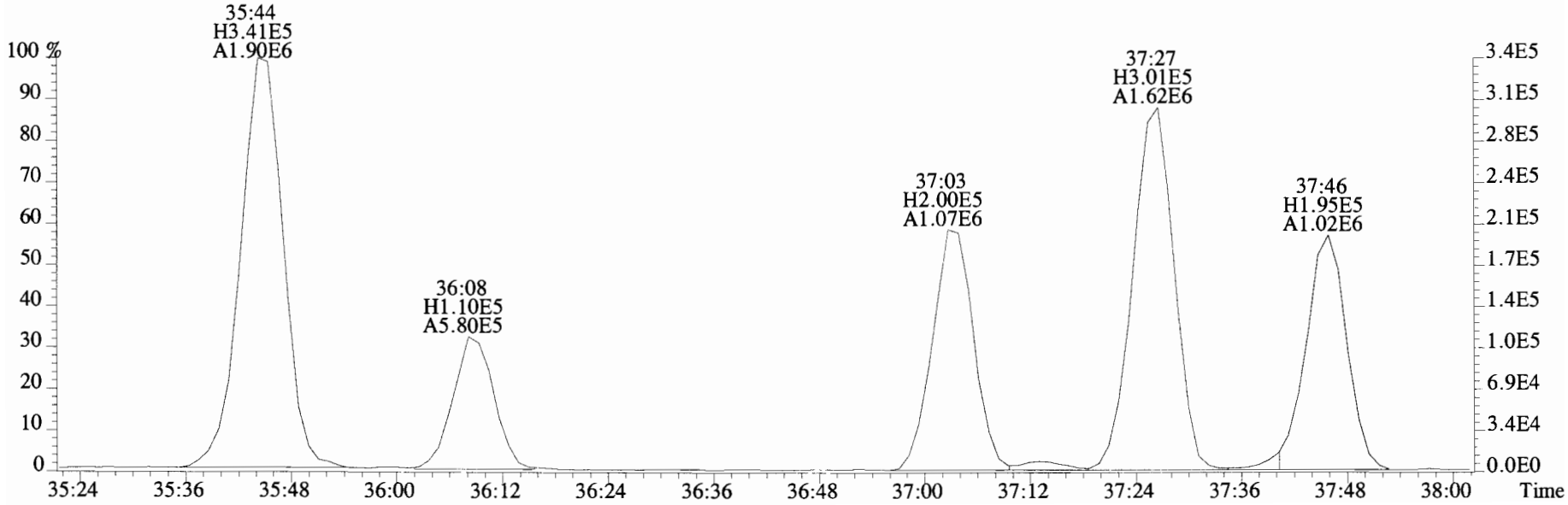
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



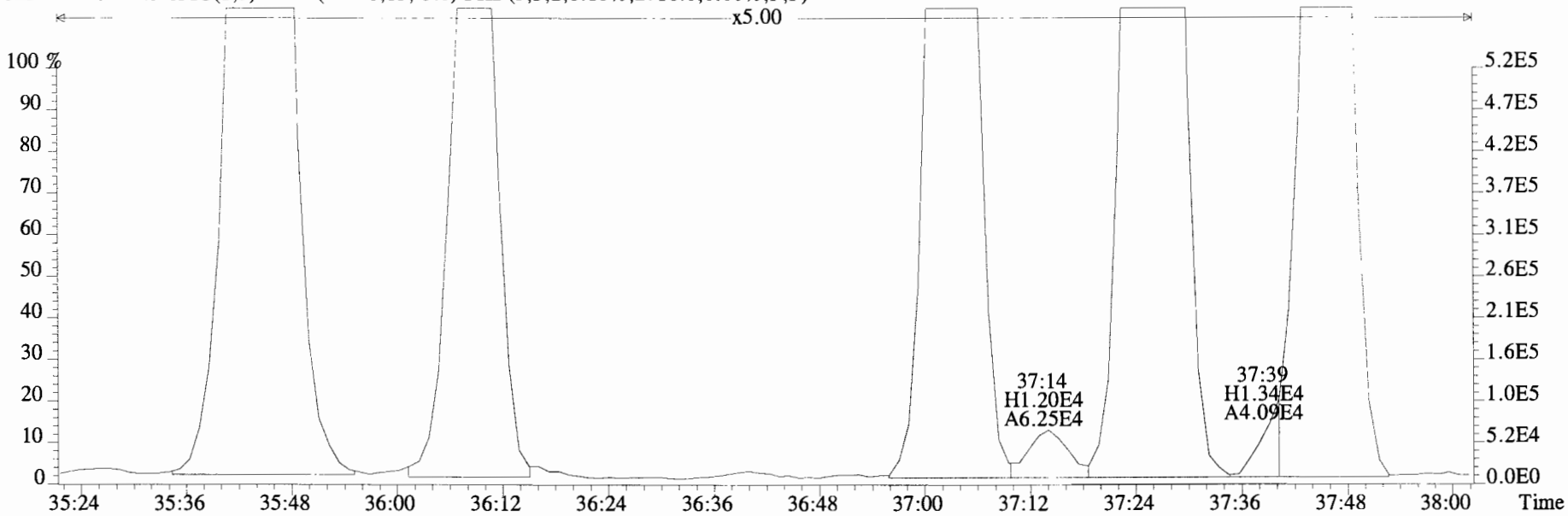
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



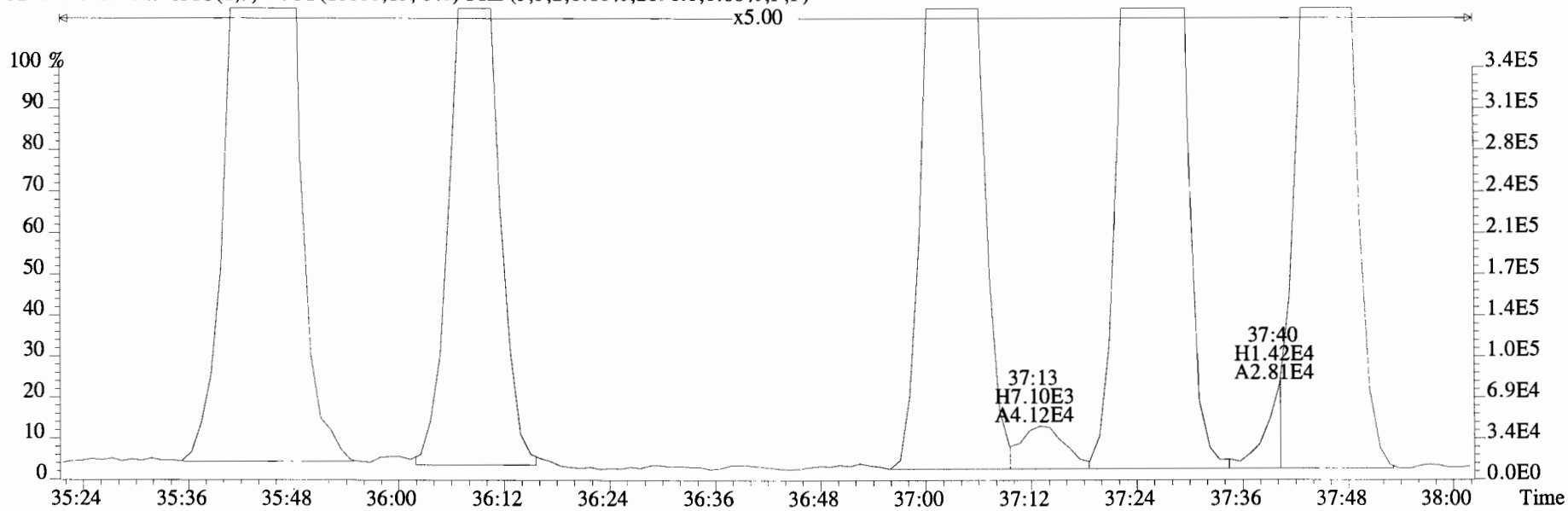
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



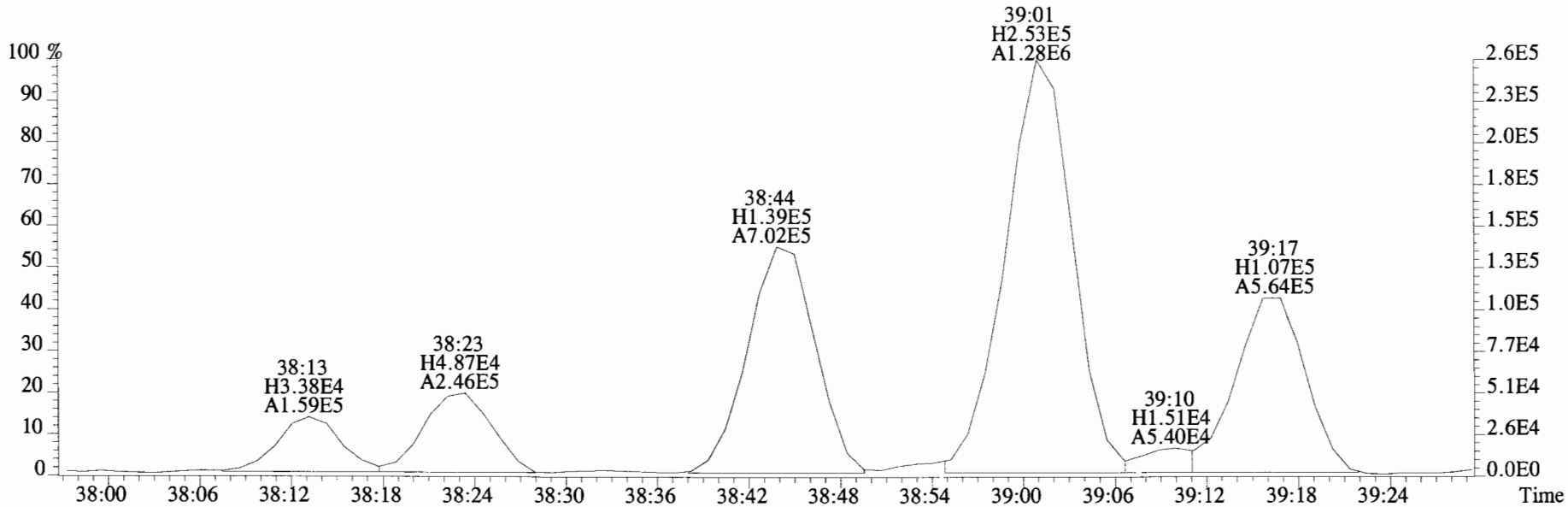
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



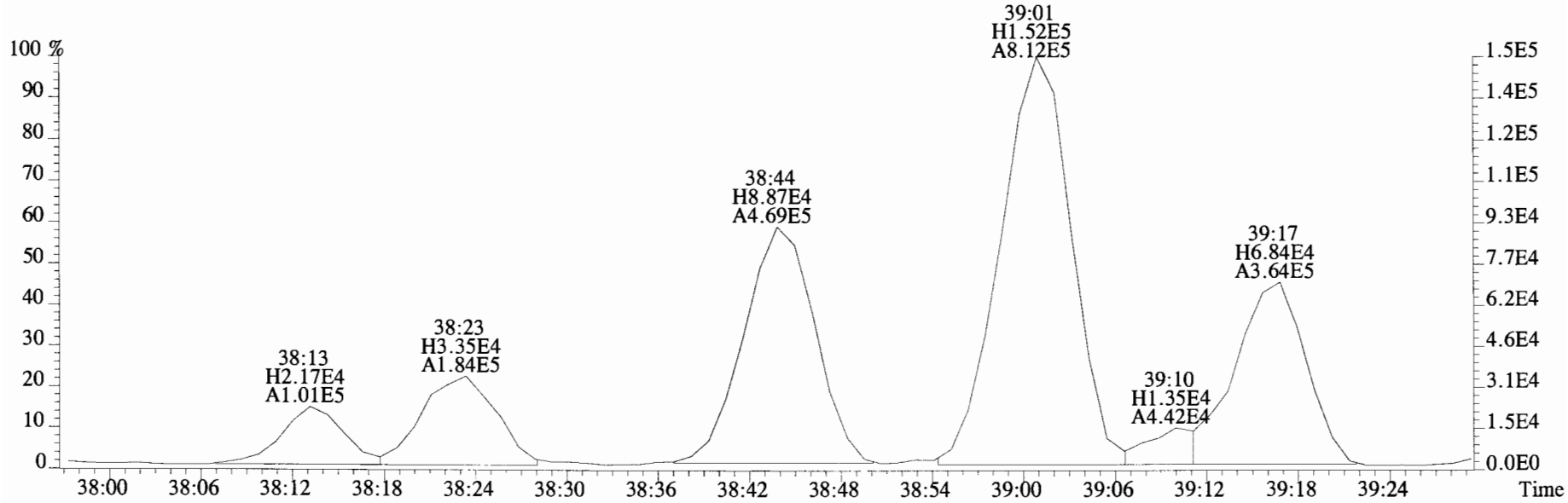
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
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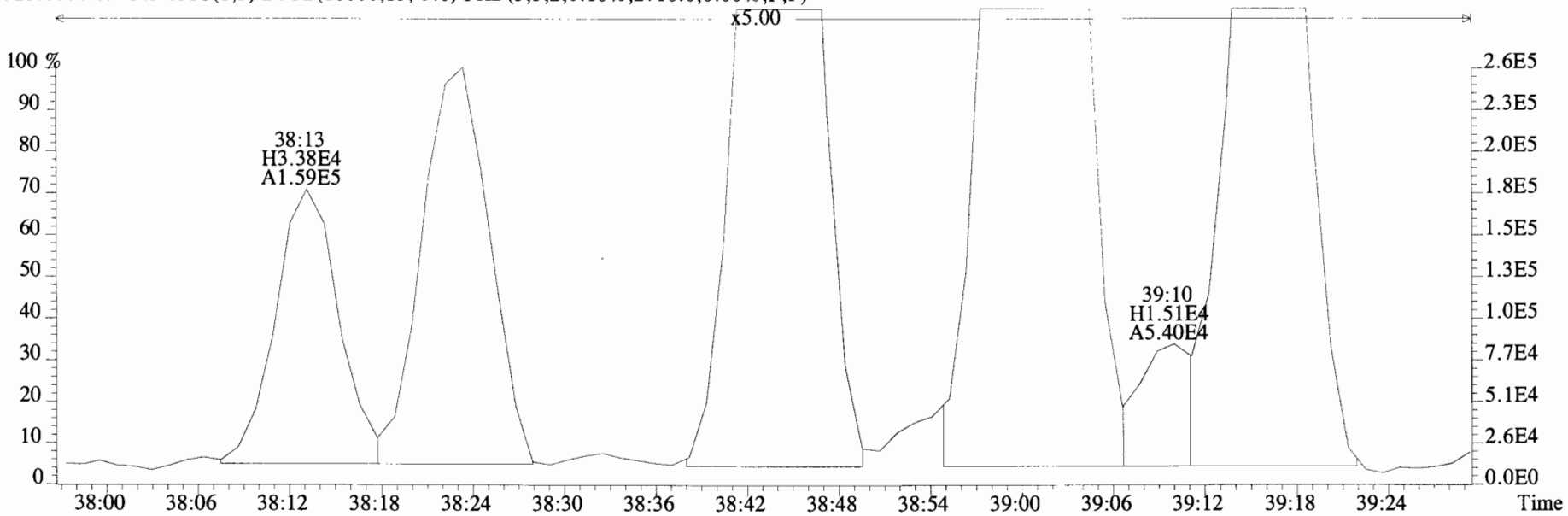
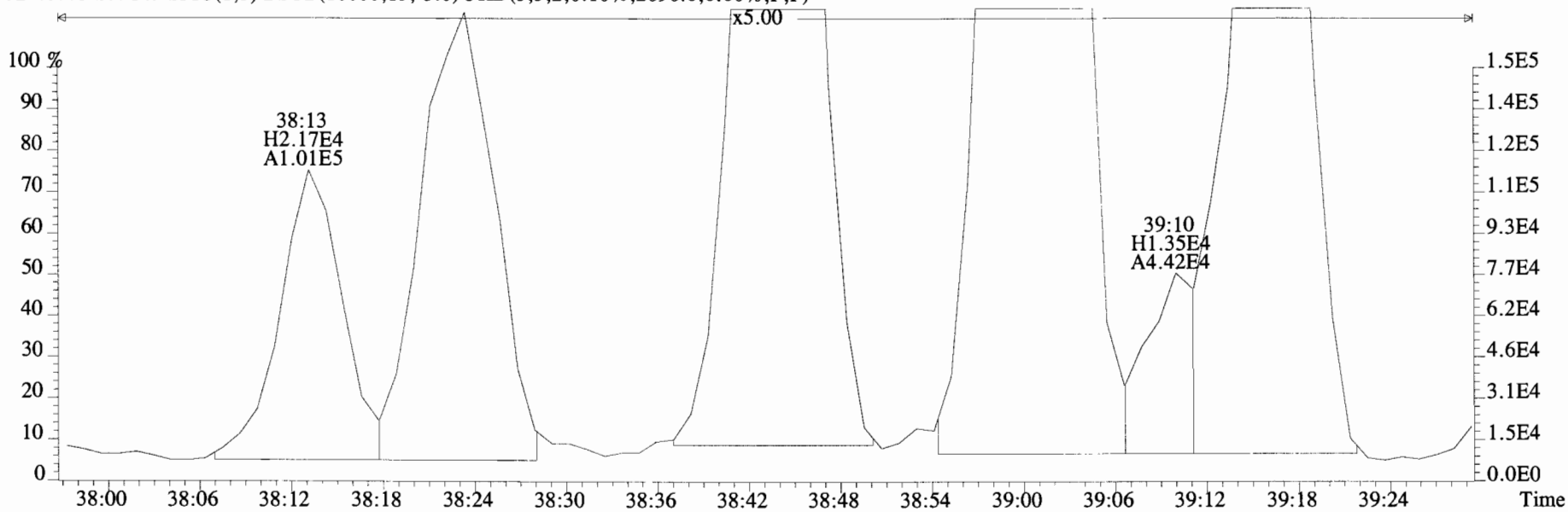
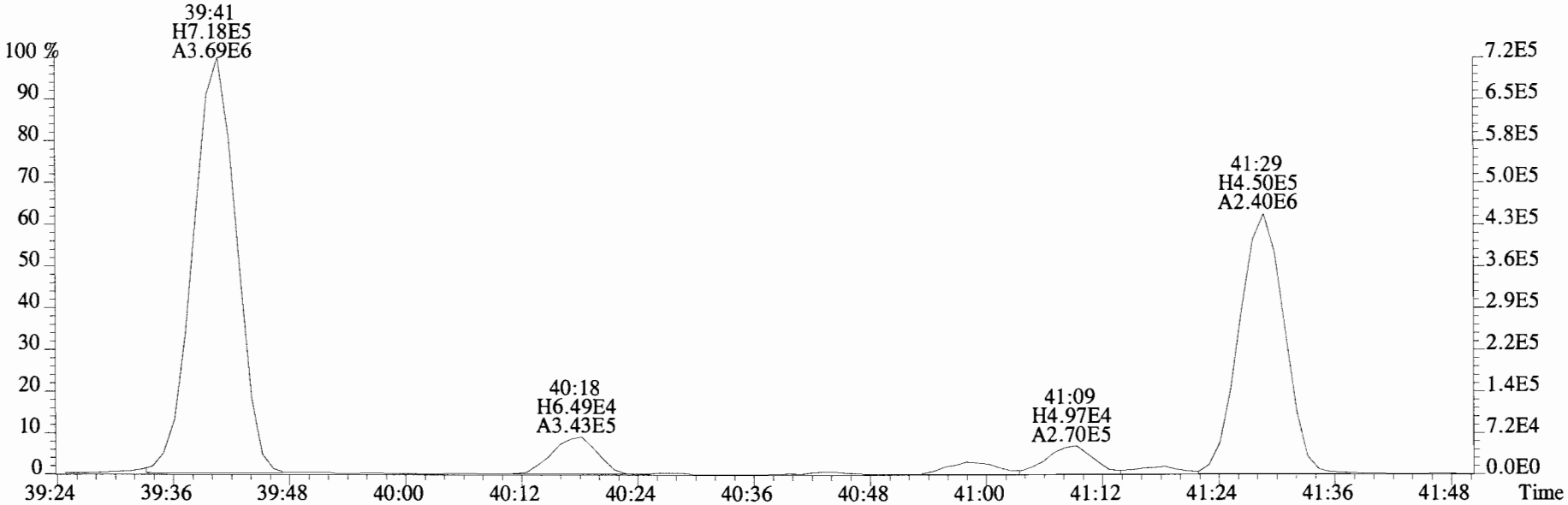


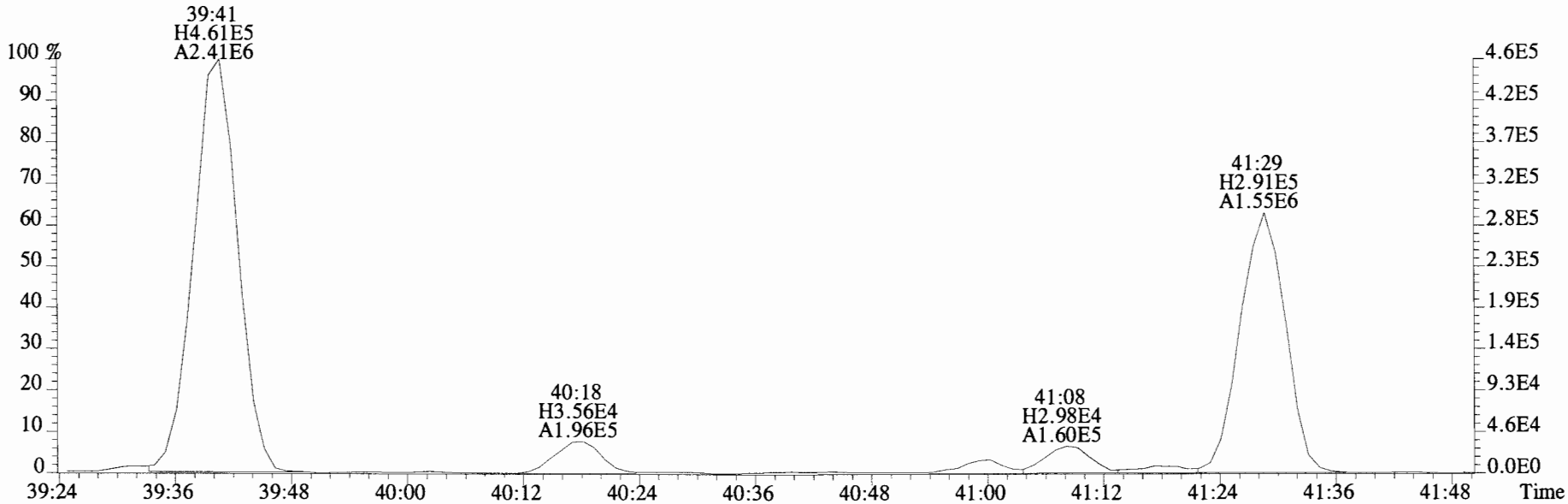
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



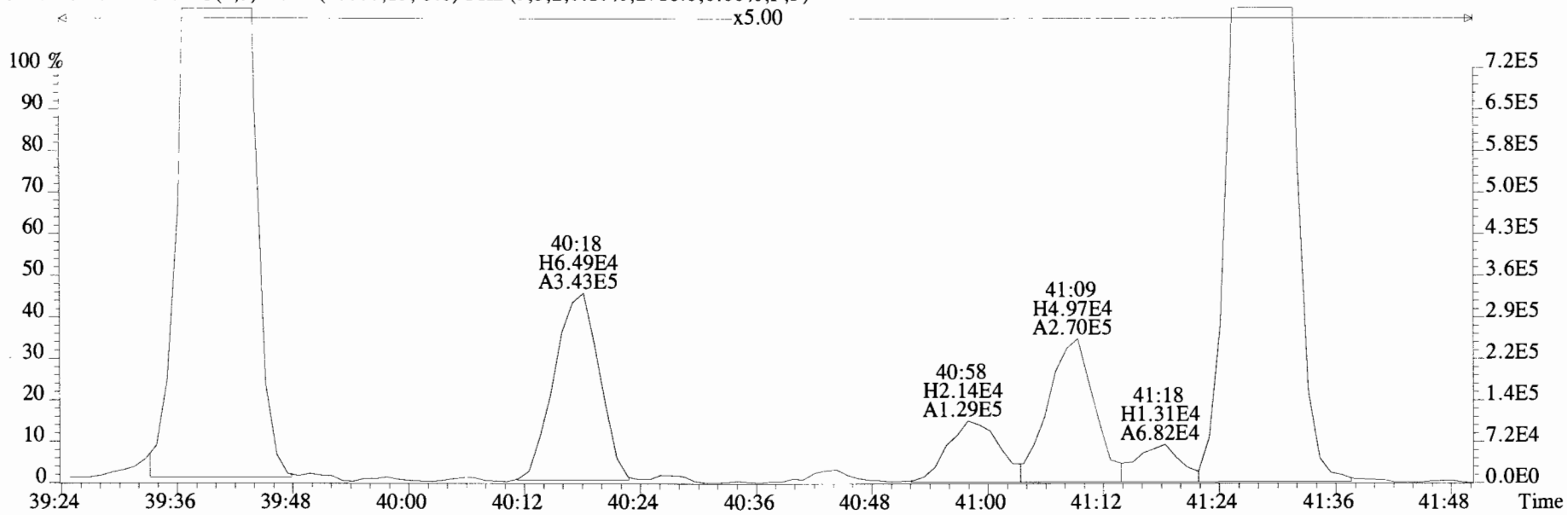
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



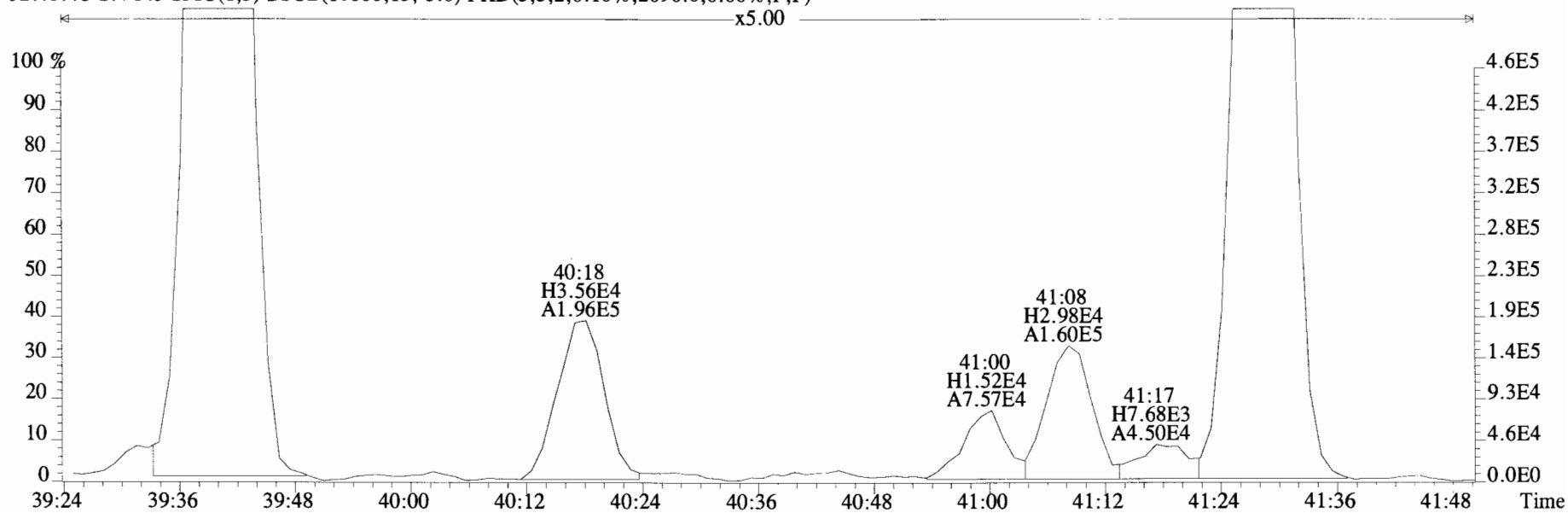
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



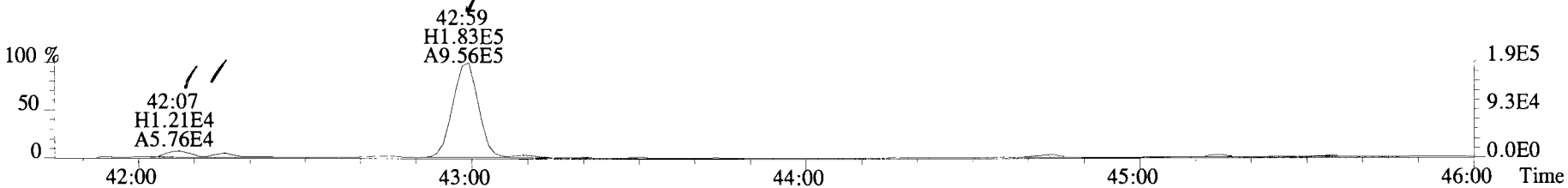
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



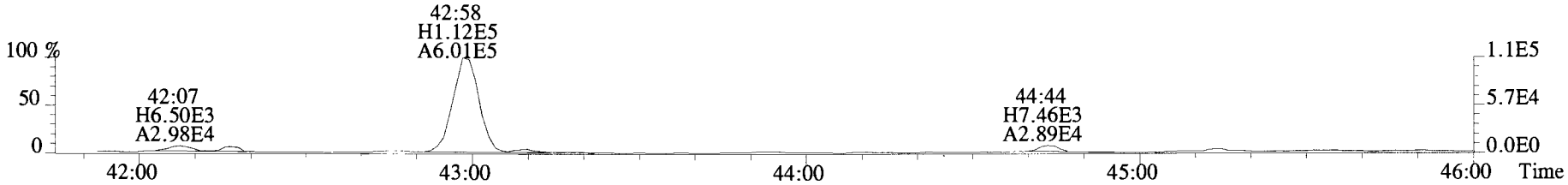
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



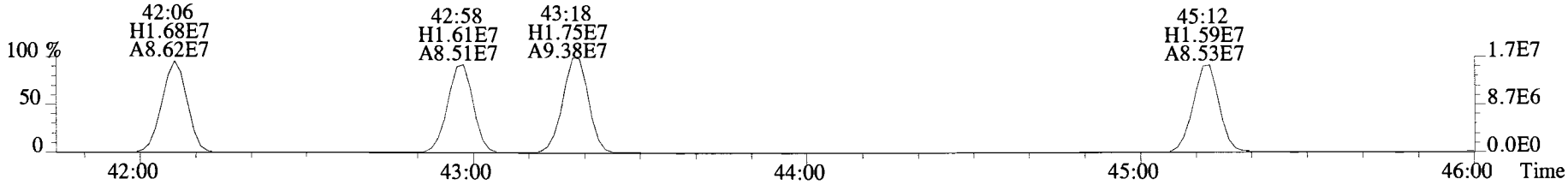
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2412.0,0.00%,F,F)



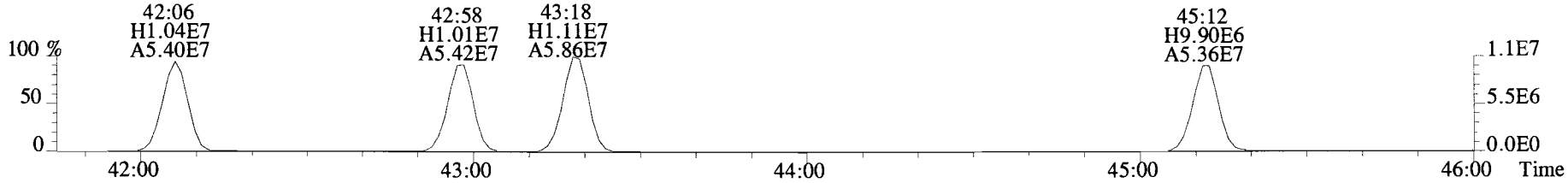
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



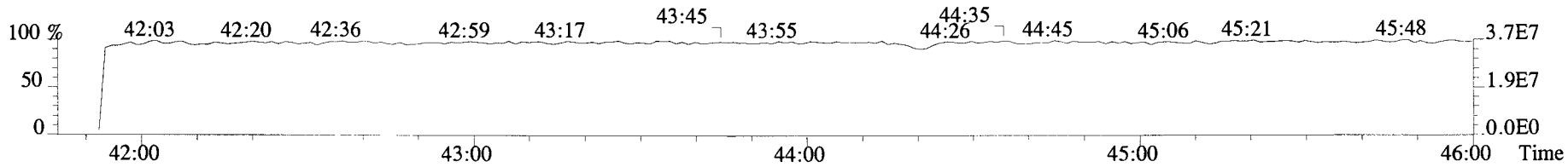
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12300.0,0.00%,F,F)



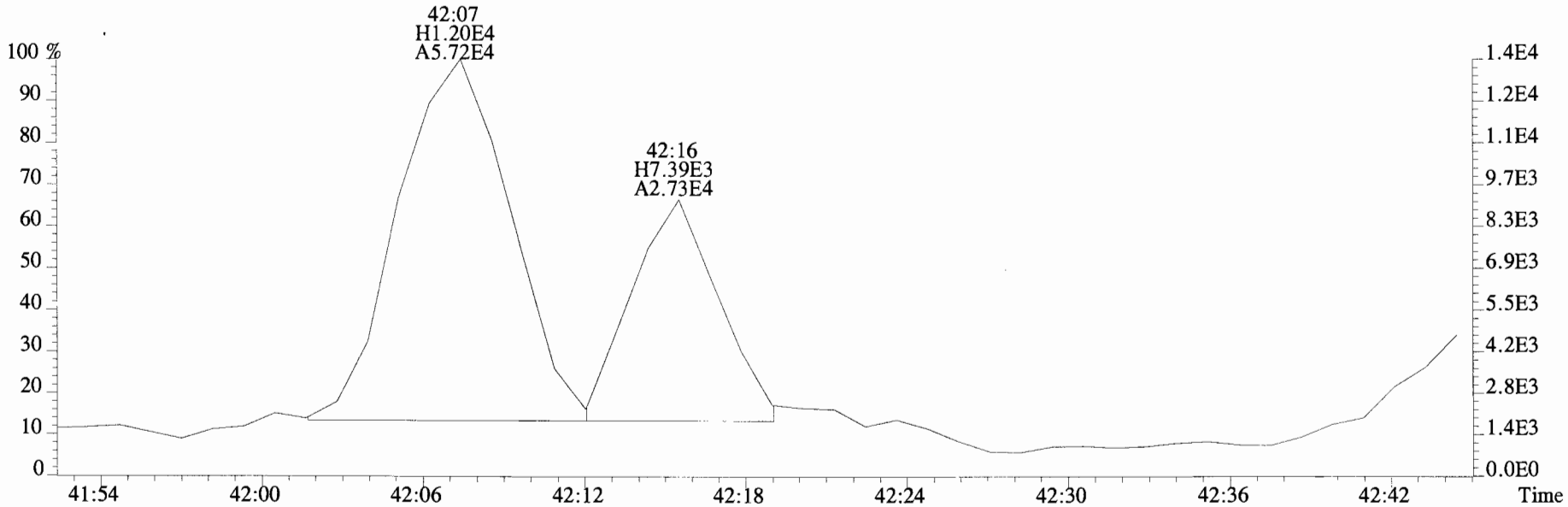
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7436.0,0.00%,F,F)



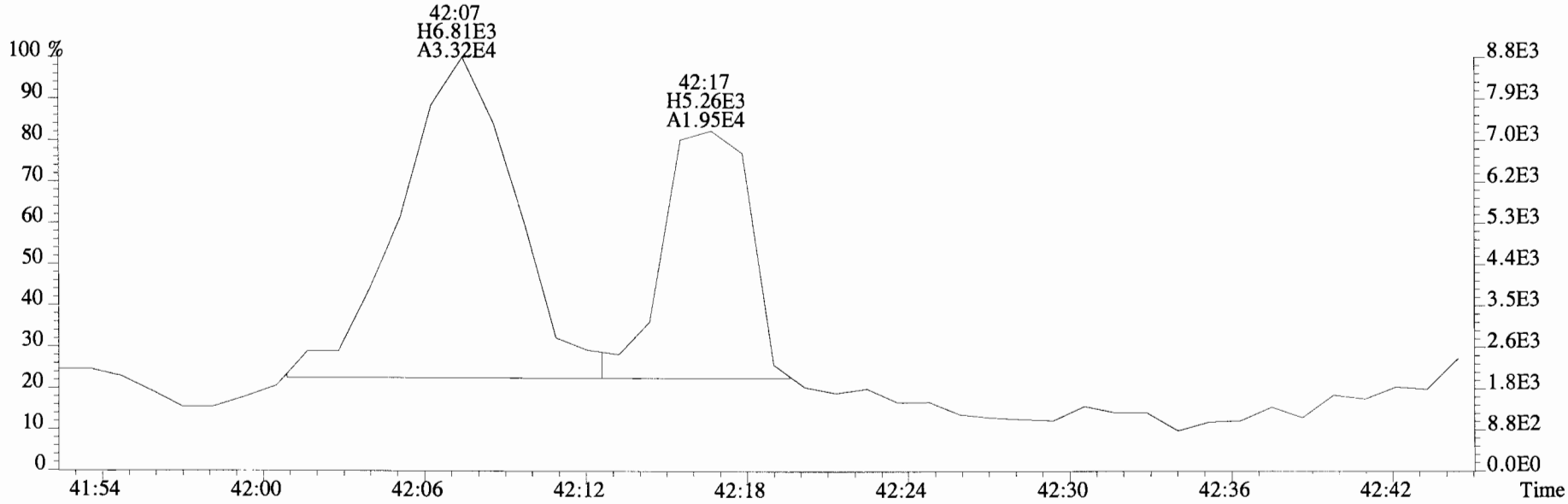
380.9760 S:4 F:4



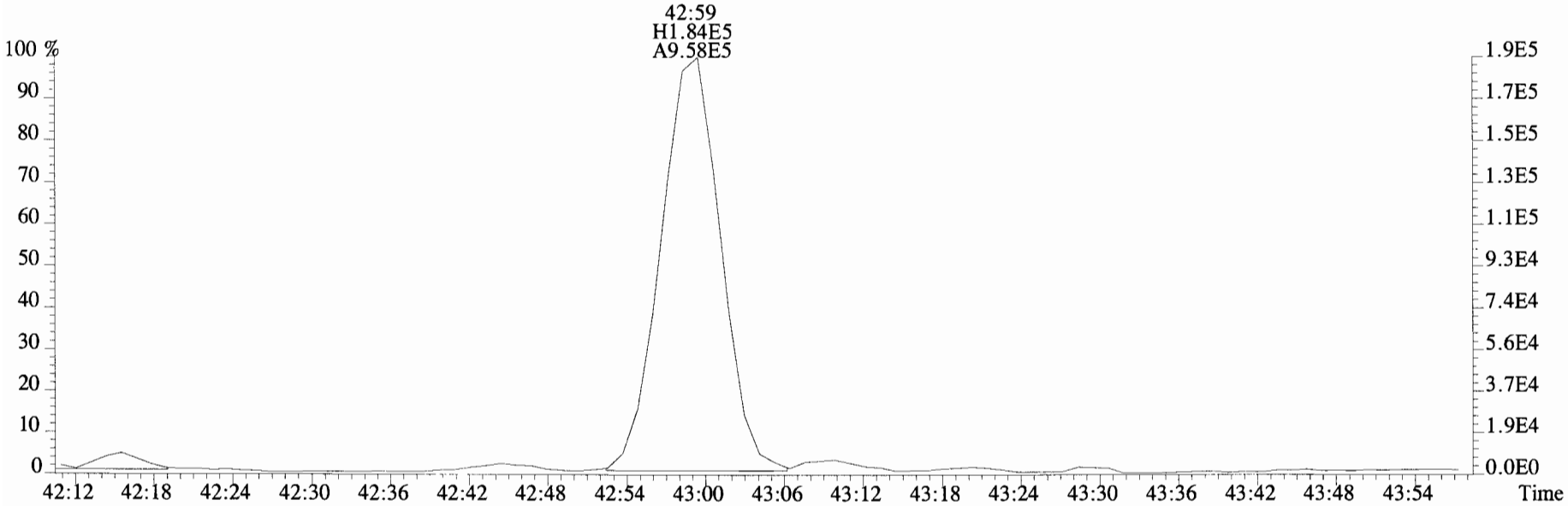
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2412.0,0.00%,F,F)



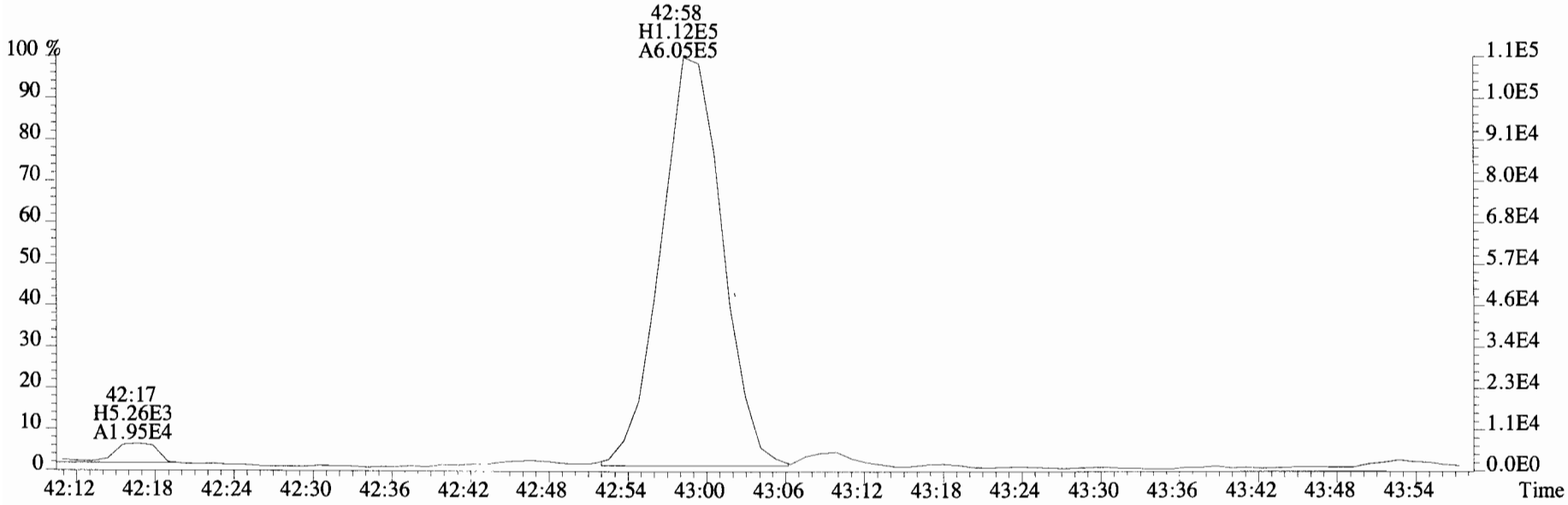
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



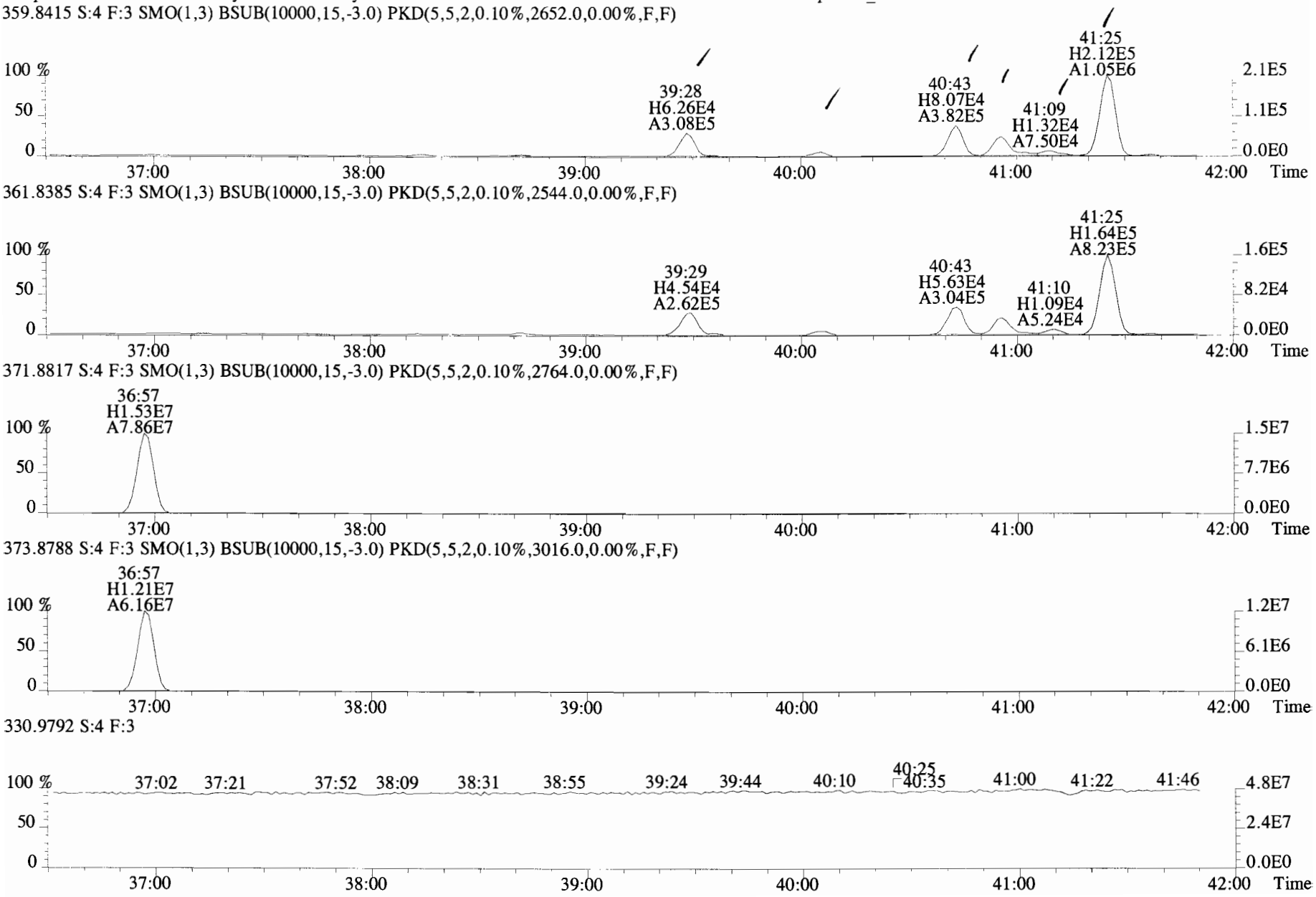
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2412.0,0.00%,F,F)



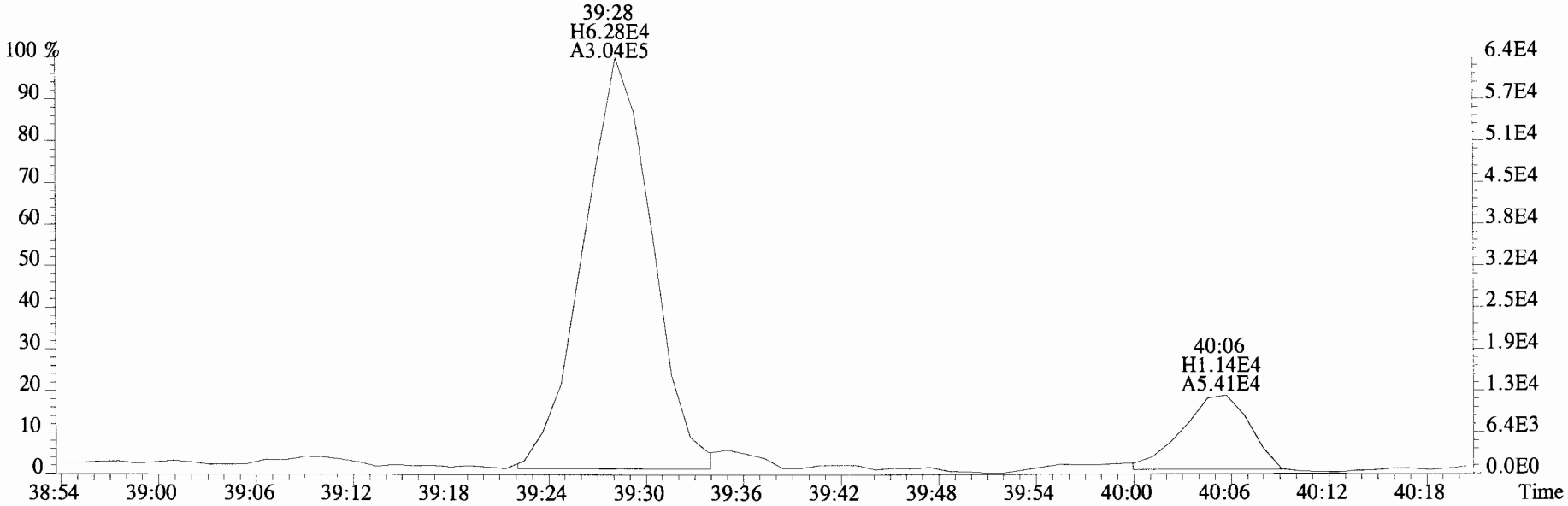
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



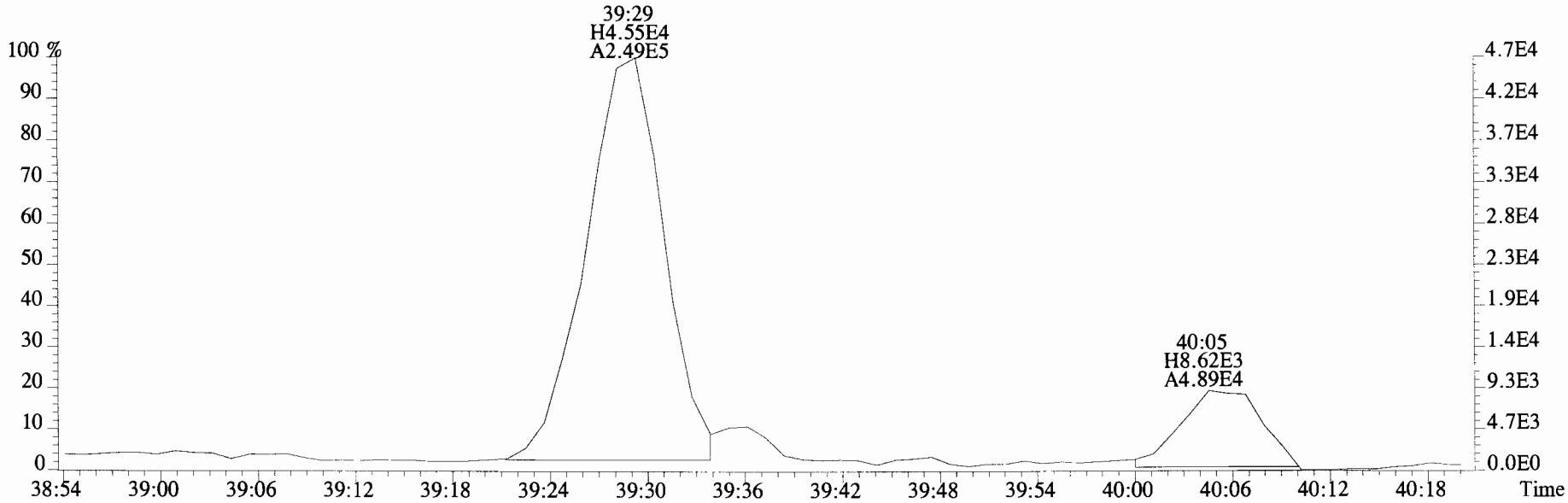
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1



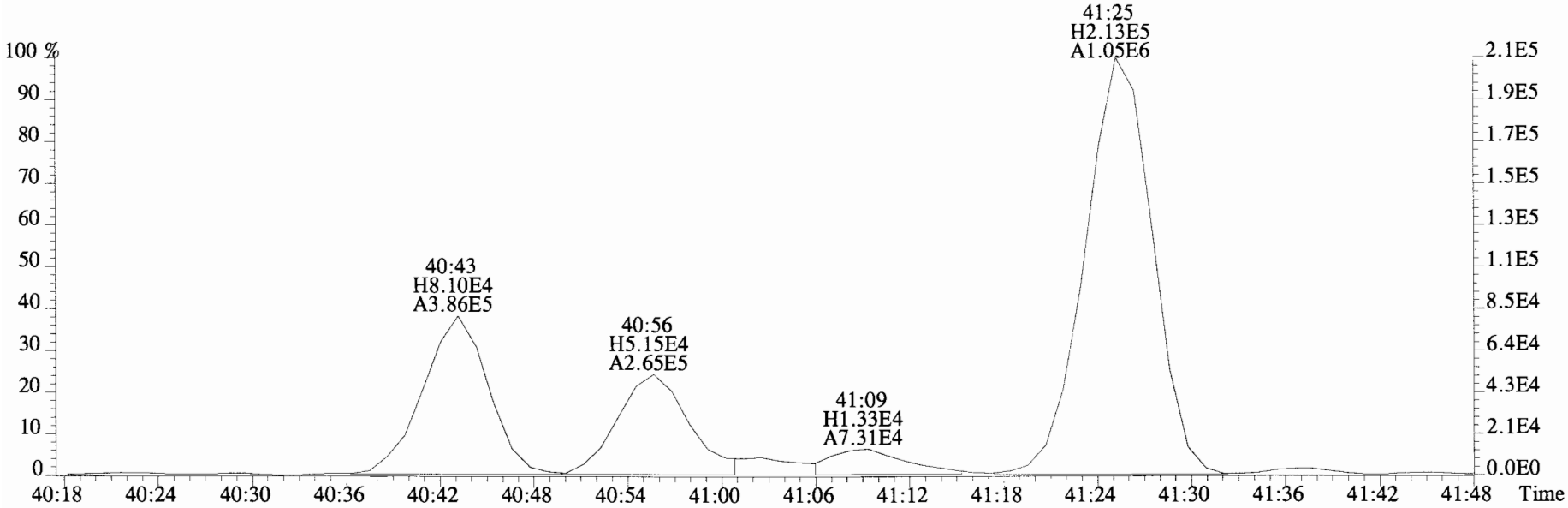
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2652.0,0.00%,F,F)



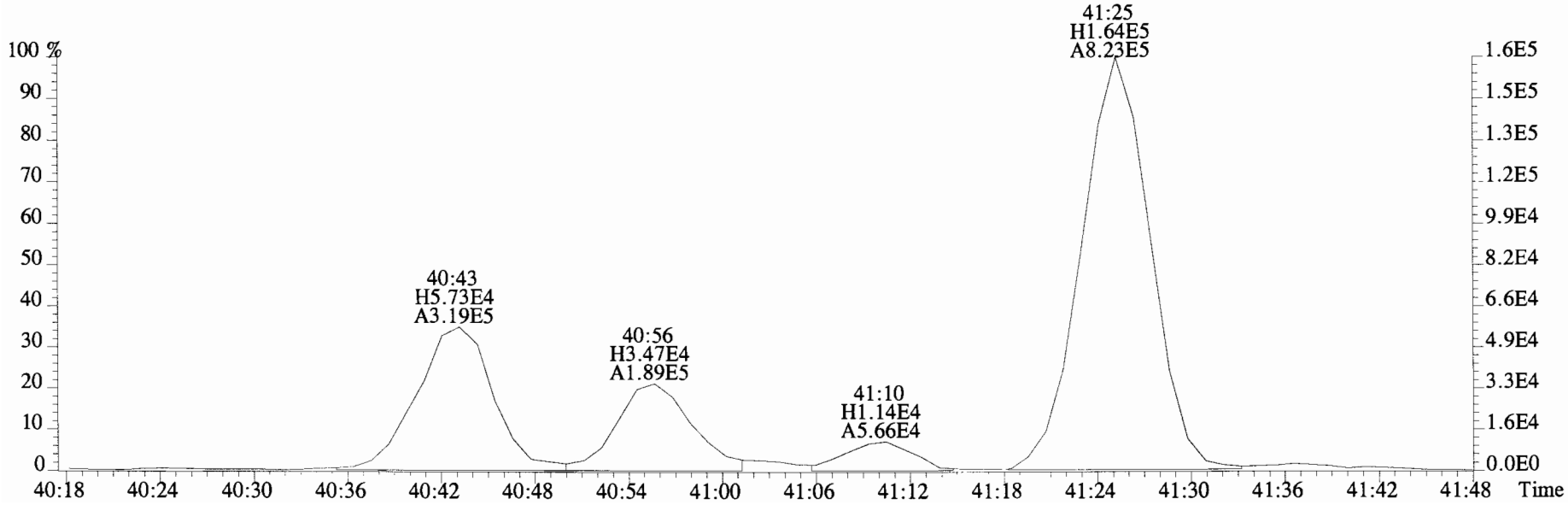
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



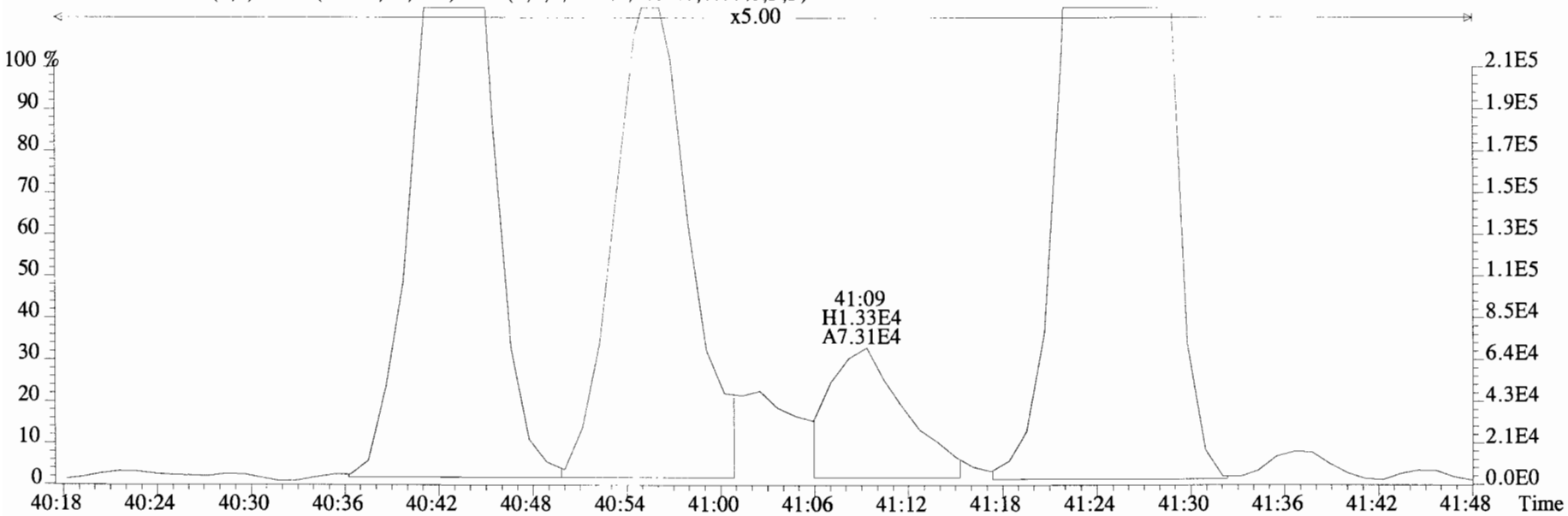
File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2652.0,0.00%,F,F)



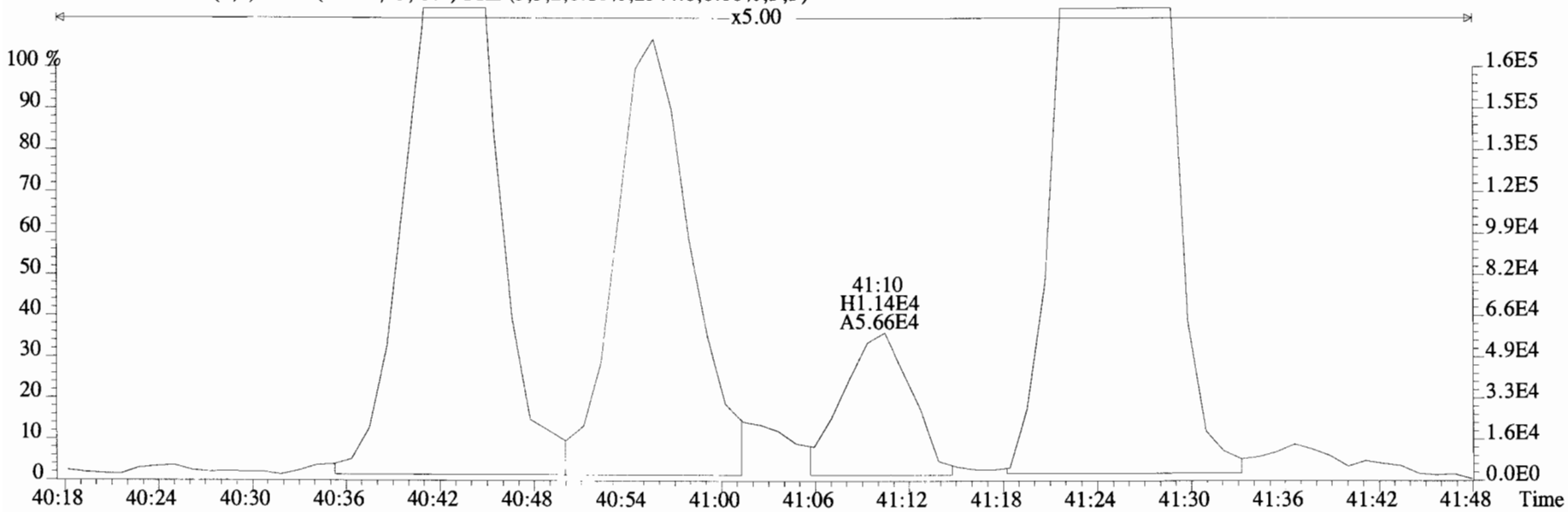
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



File:180409E3 #1-756 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2652.0,0.00%,F,F)

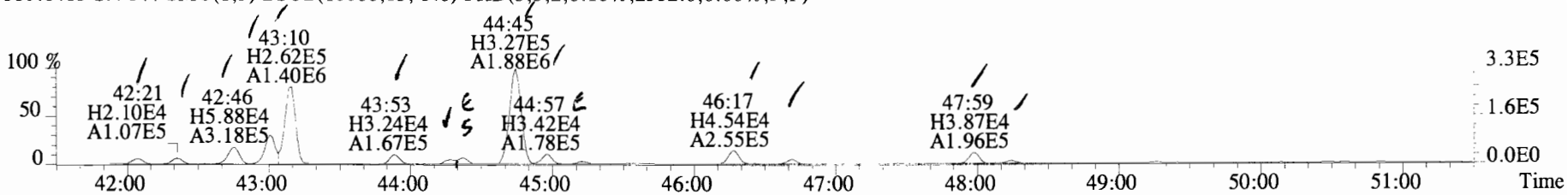


361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)

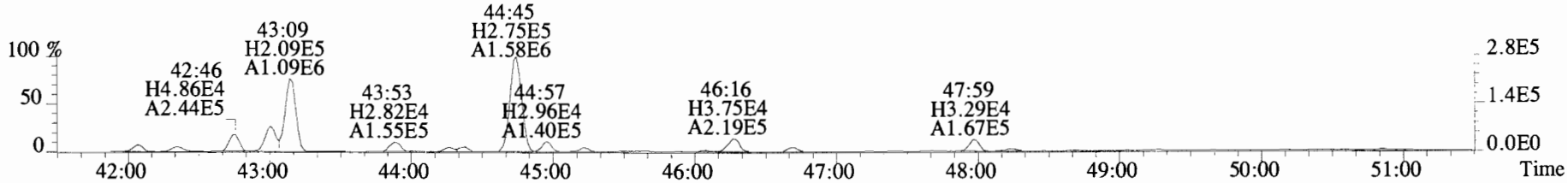


File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

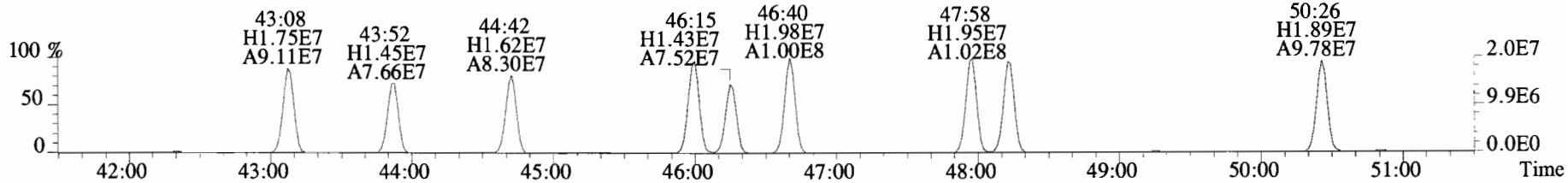
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



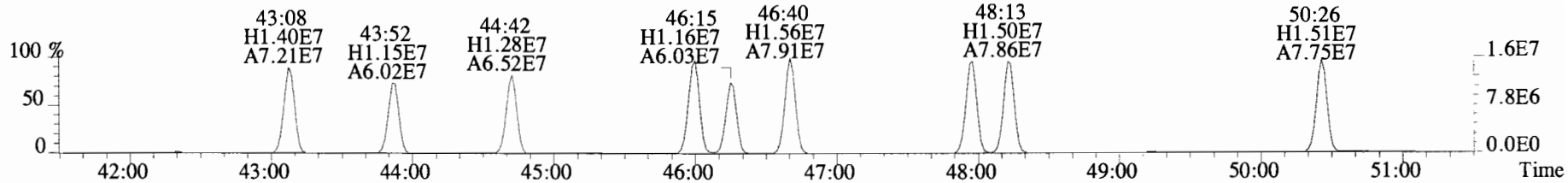
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2592.0,0.00%,F,F)



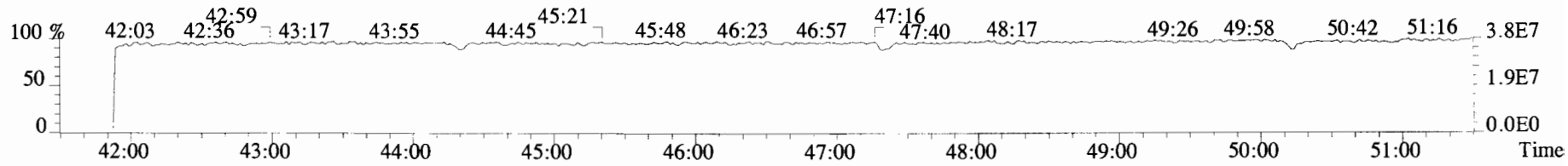
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21800.0,0.00%,F,F)



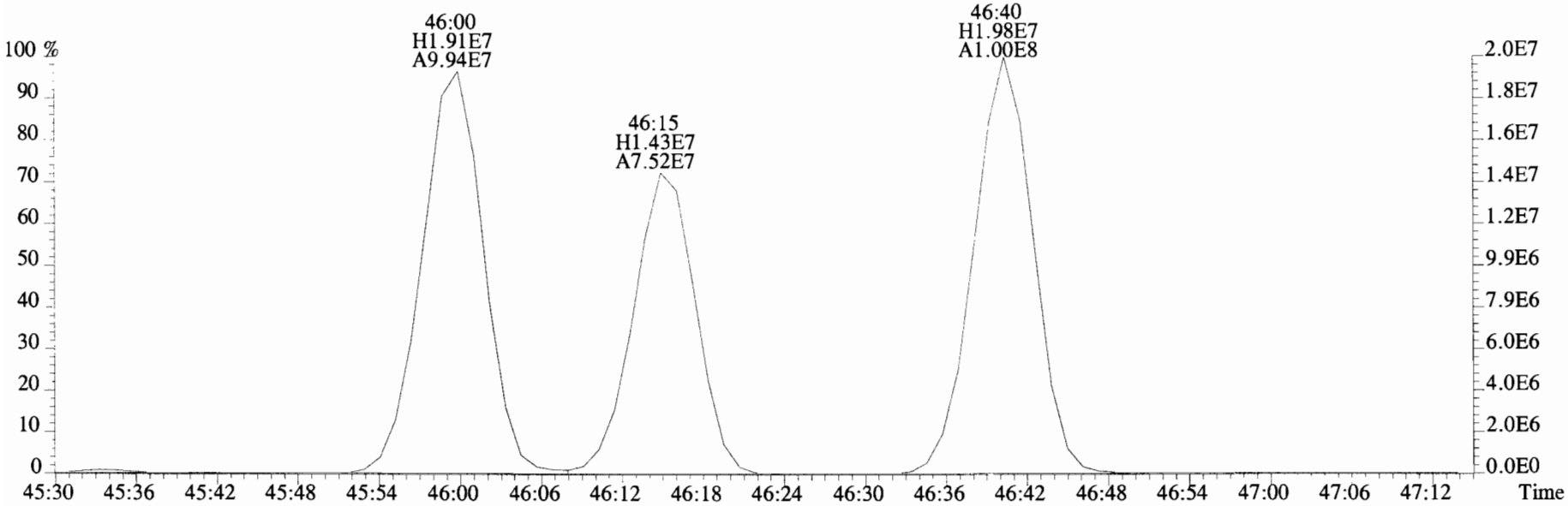
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12944.0,0.00%,F,F)



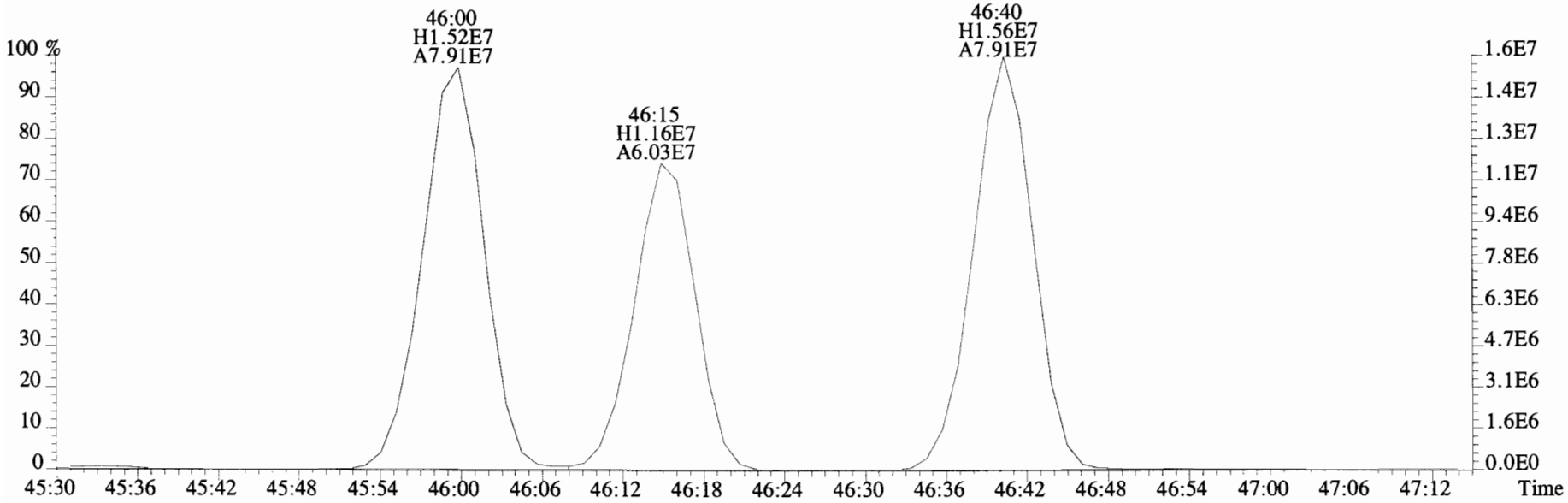
380.9760 S:4 F:4



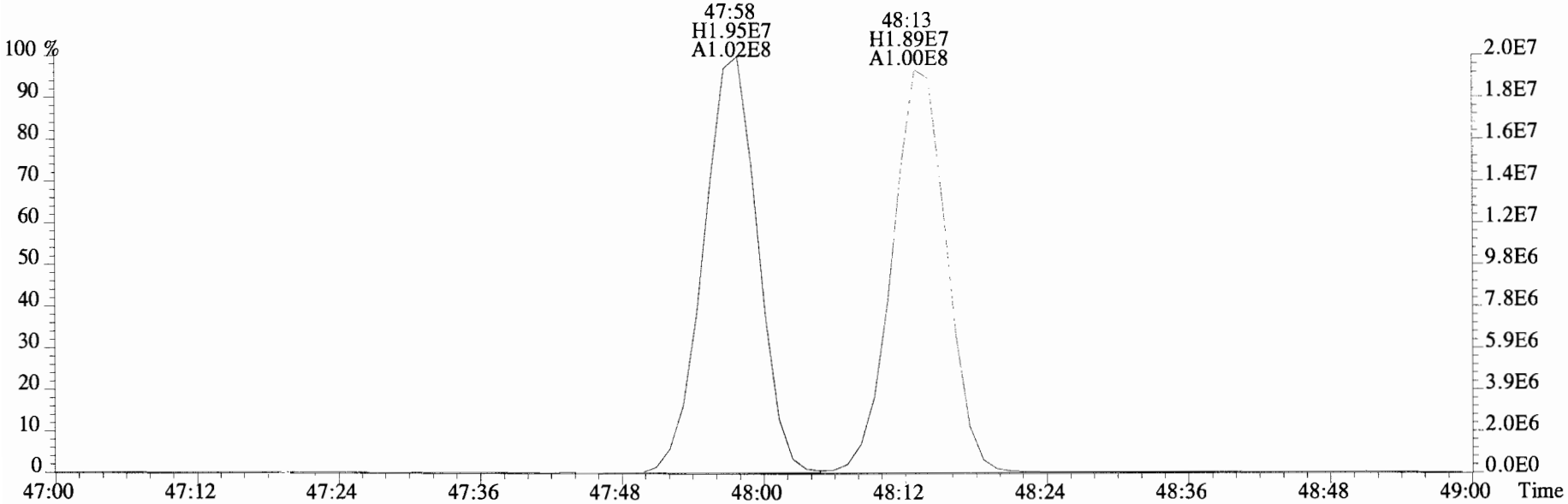
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21800.0,0.00%,F,F)



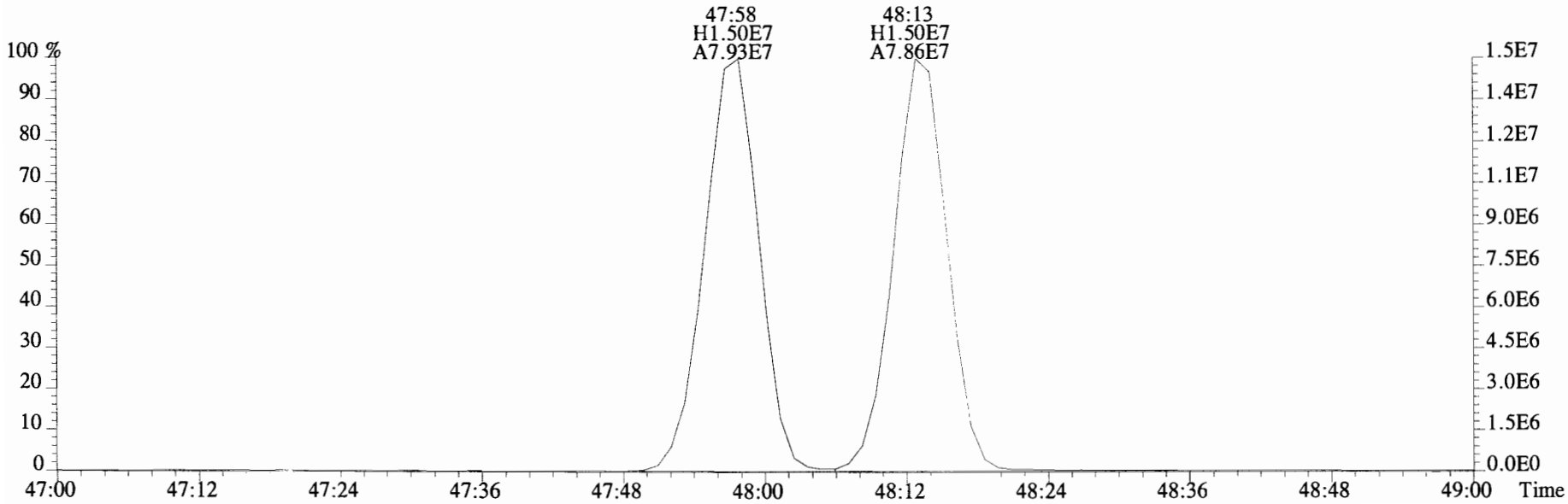
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12944.0,0.00%,F,F)



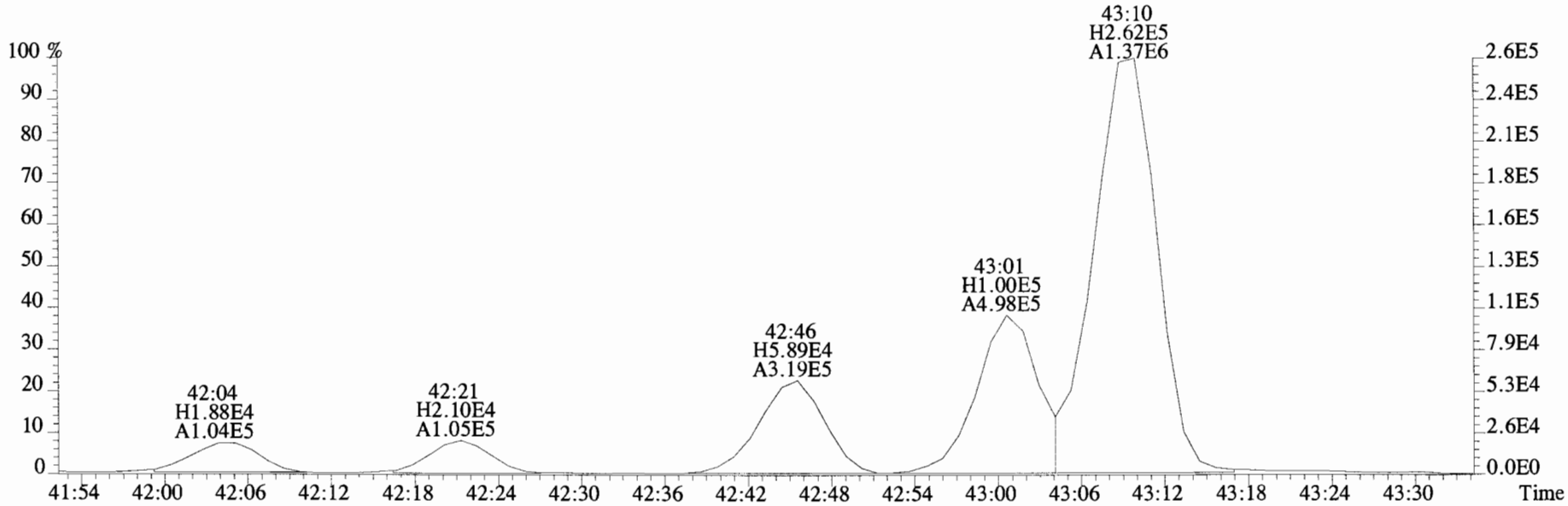
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21800.0,0.00%,F,F)



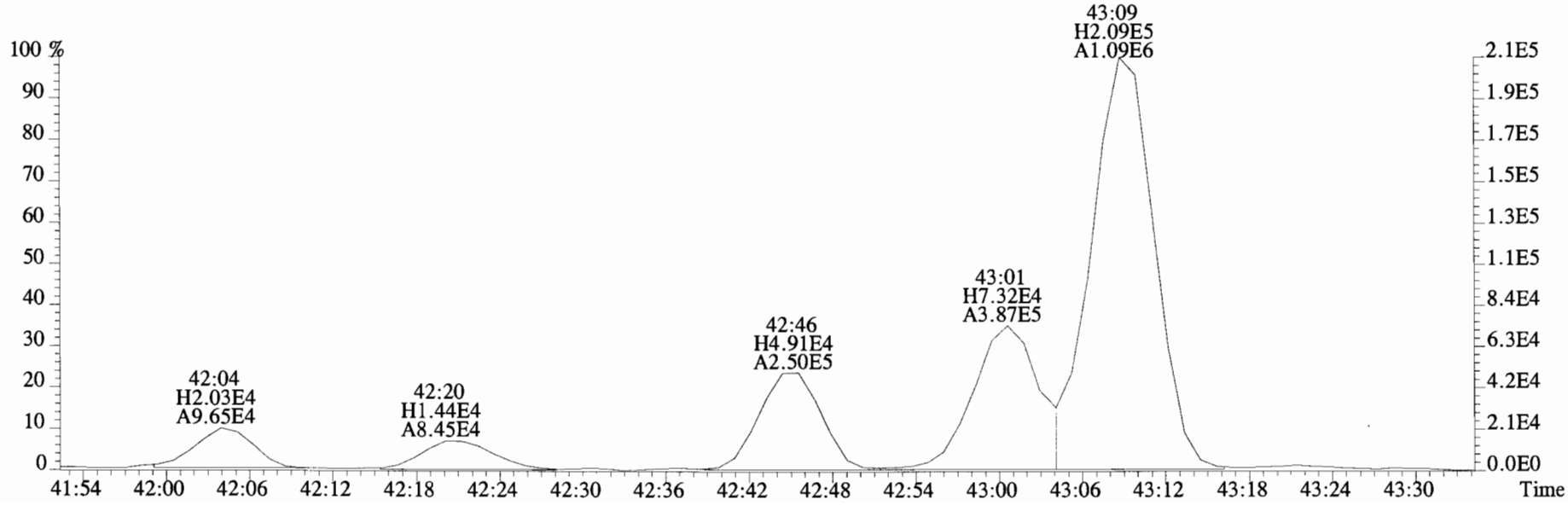
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12944.0,0.00%,F,F)



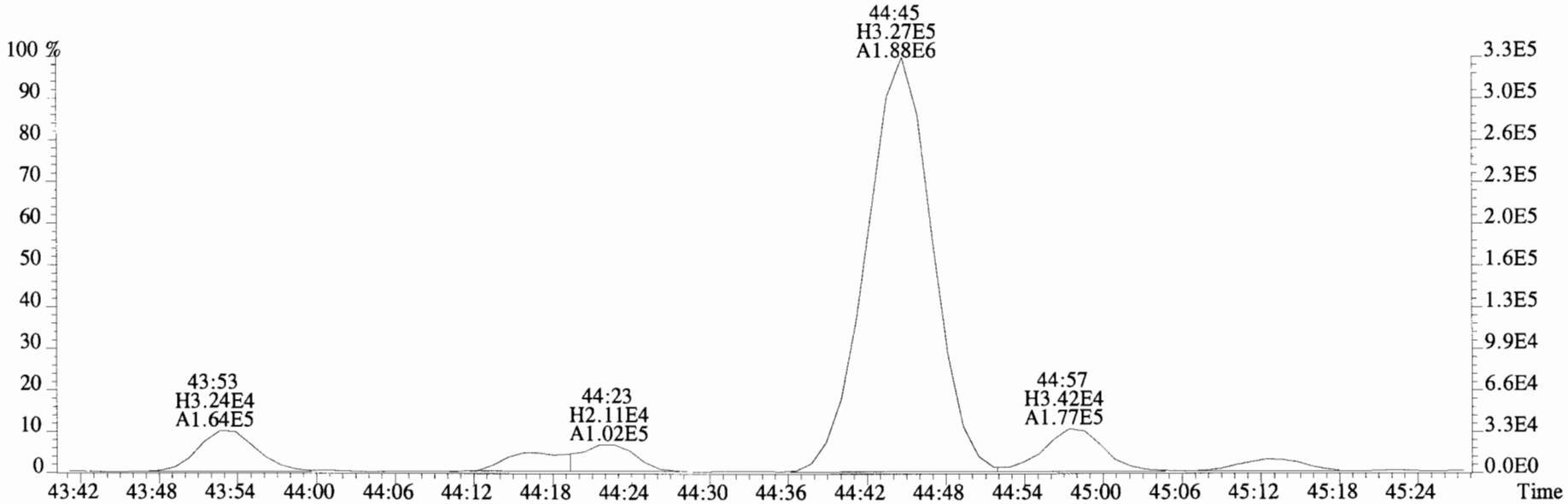
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



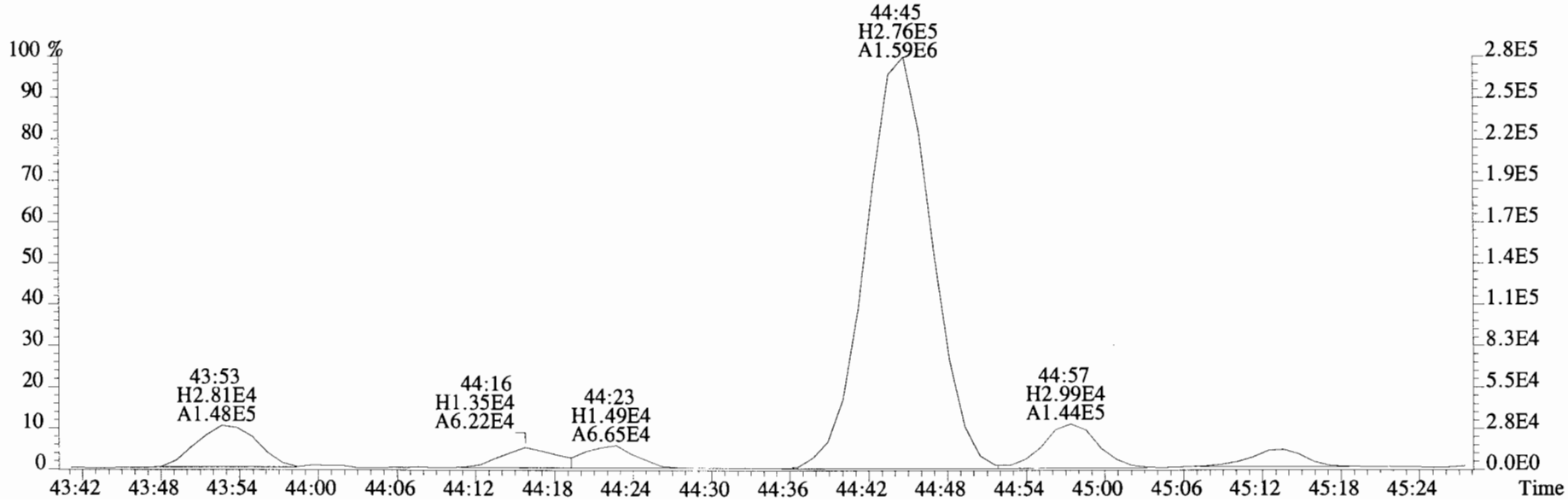
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2592.0,0.00%,F,F)



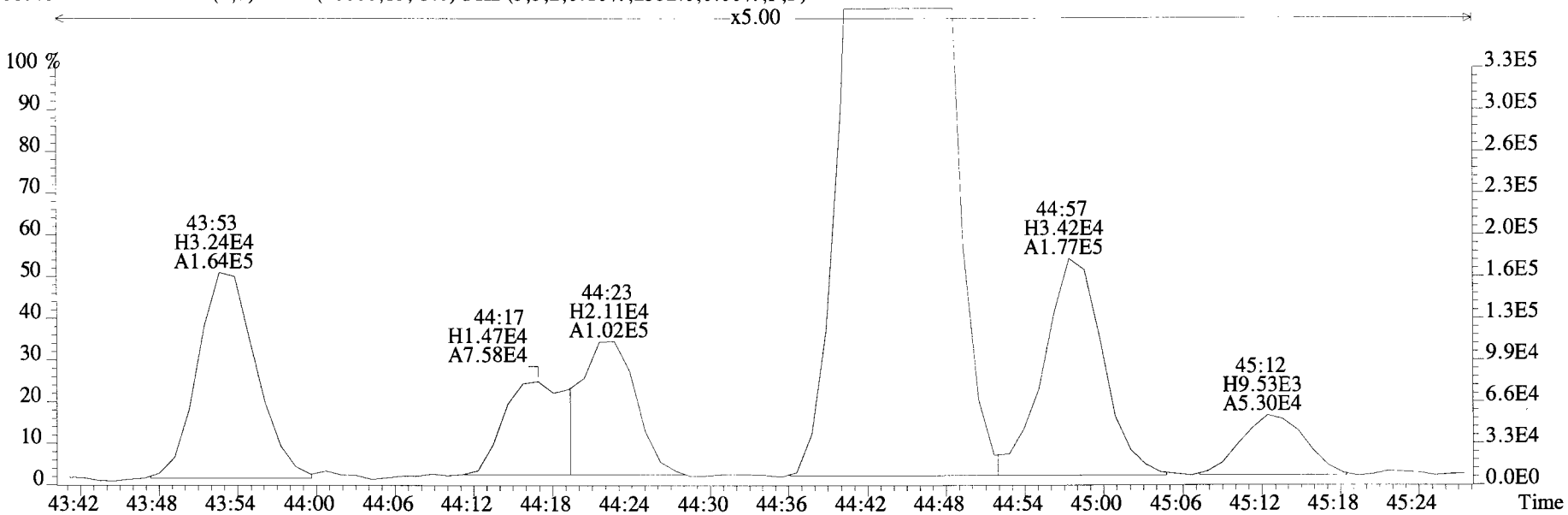
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



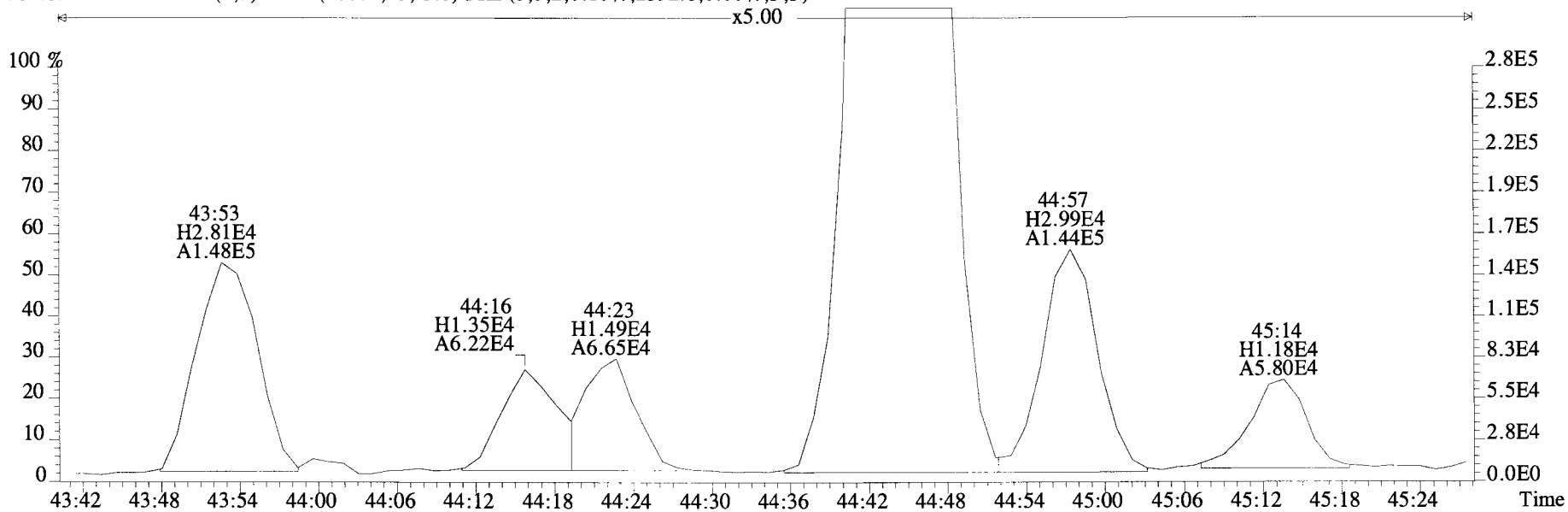
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2592.0,0.00%,F,F)



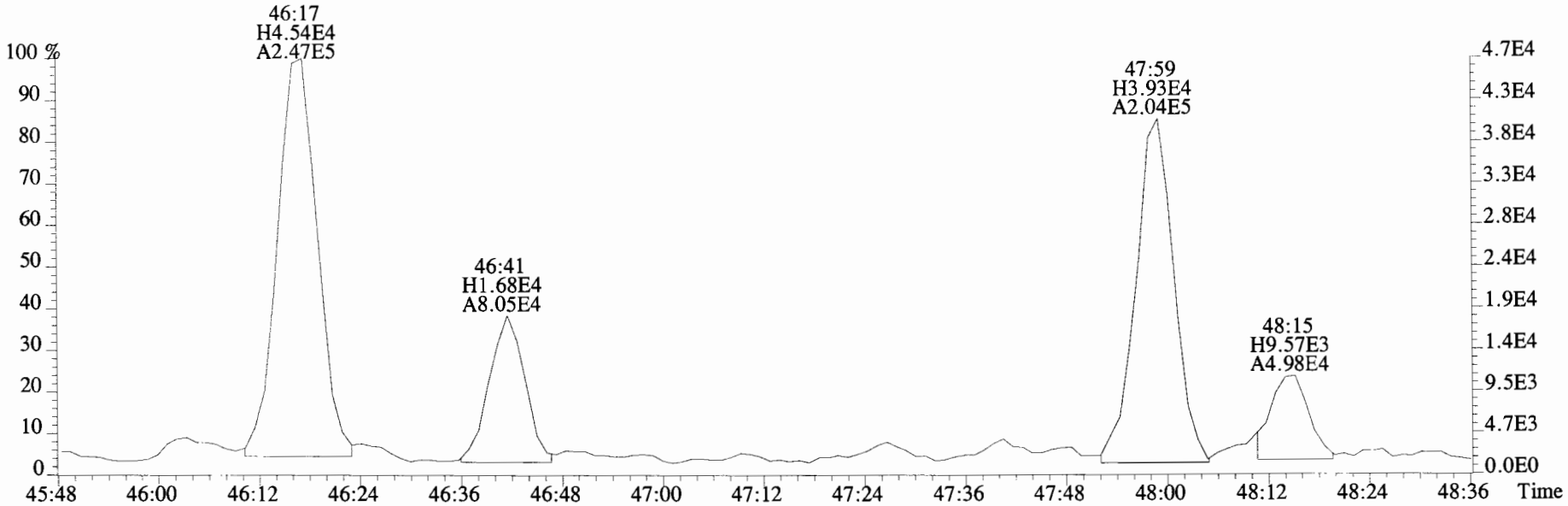
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



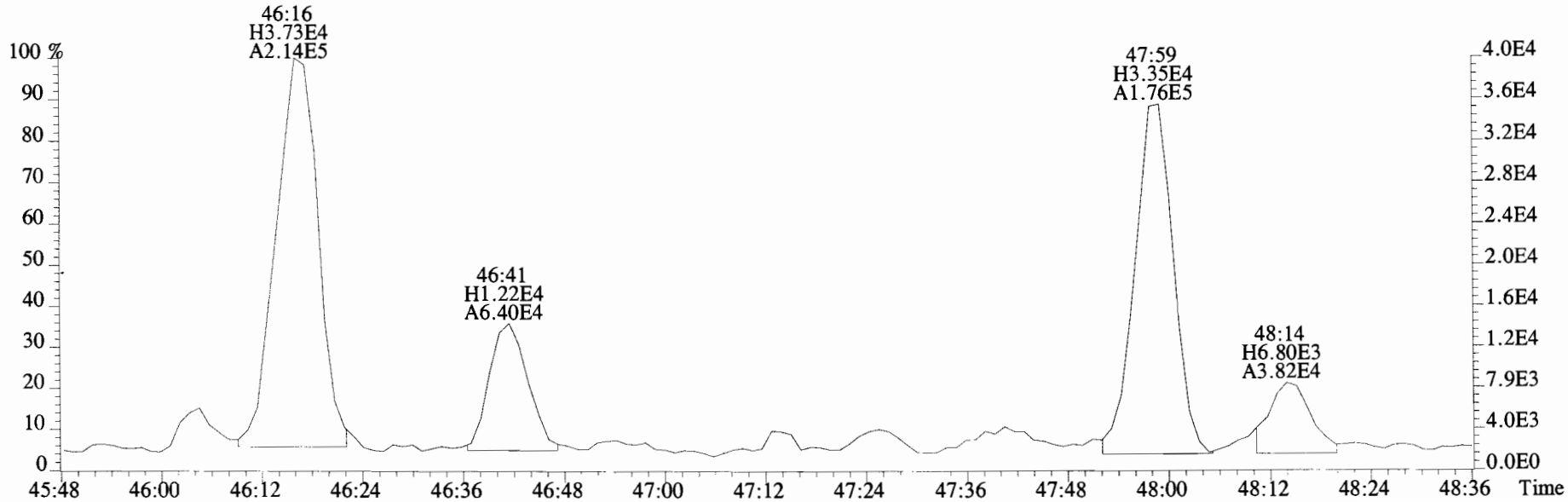
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2592.0,0.00%,F,F)



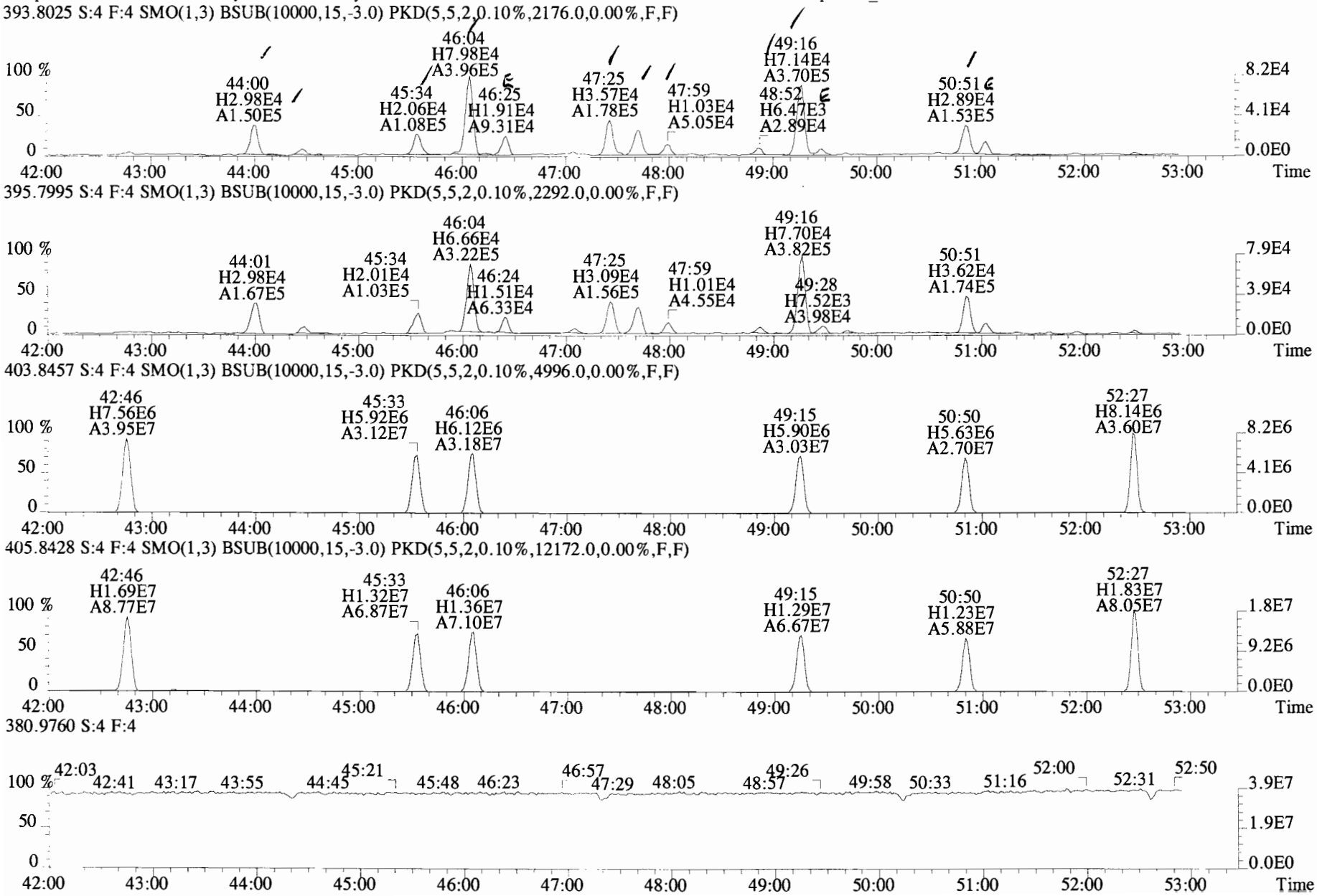
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



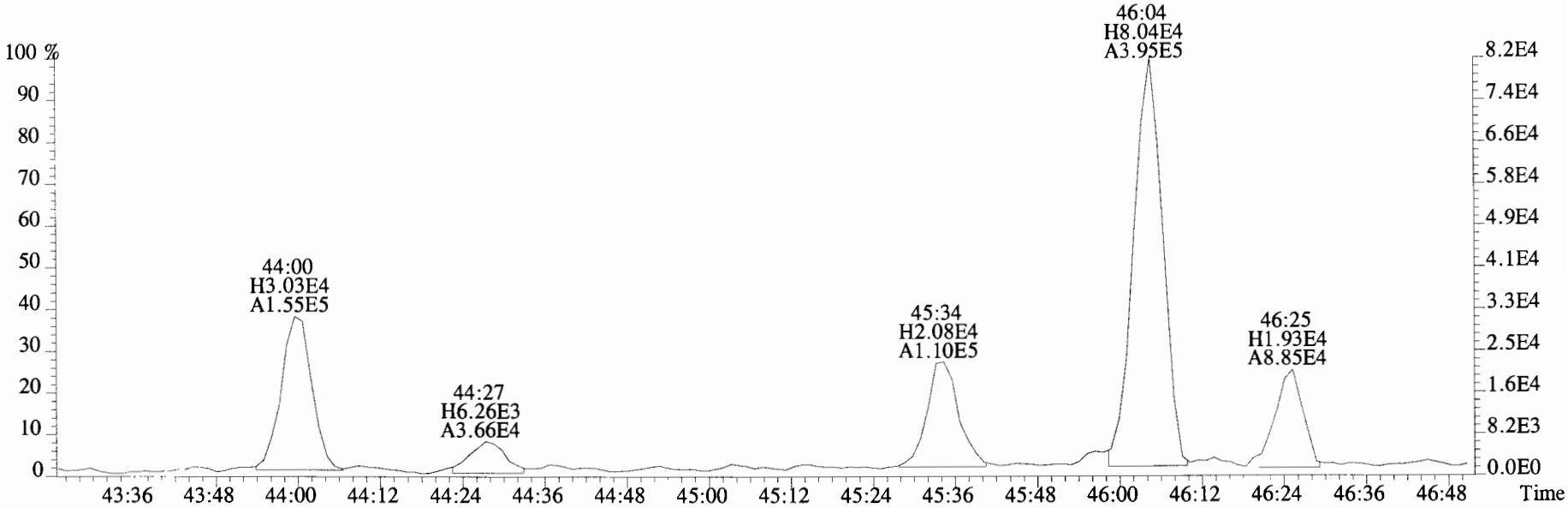
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2592.0,0.00%,F,F)



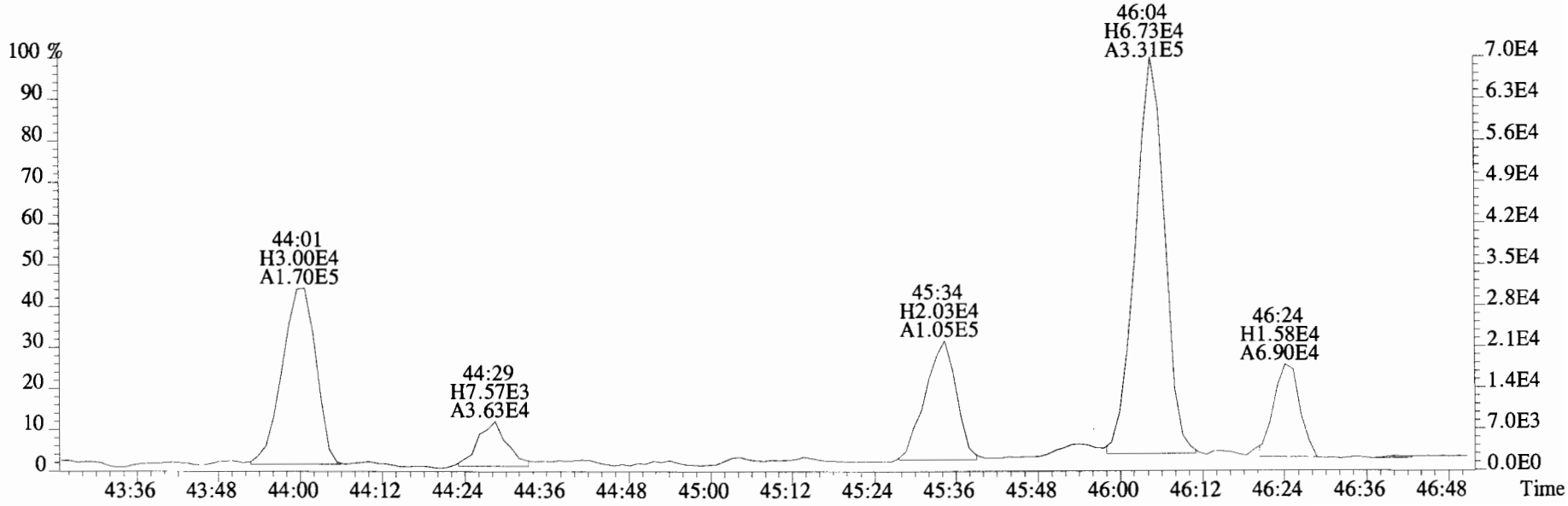
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1



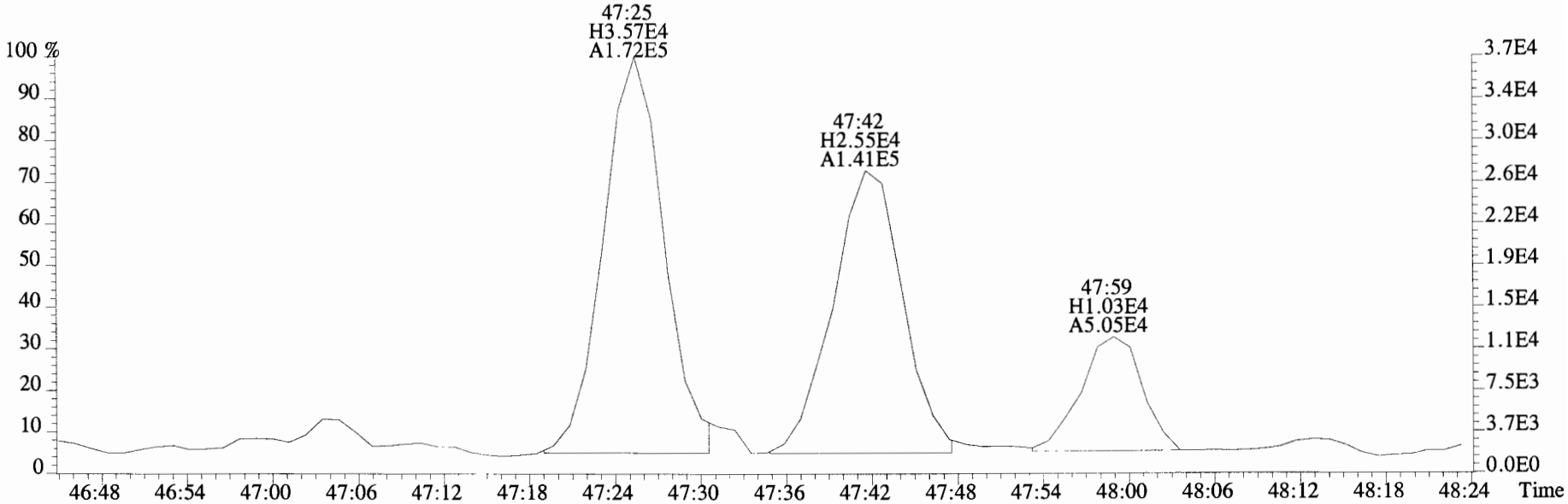
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



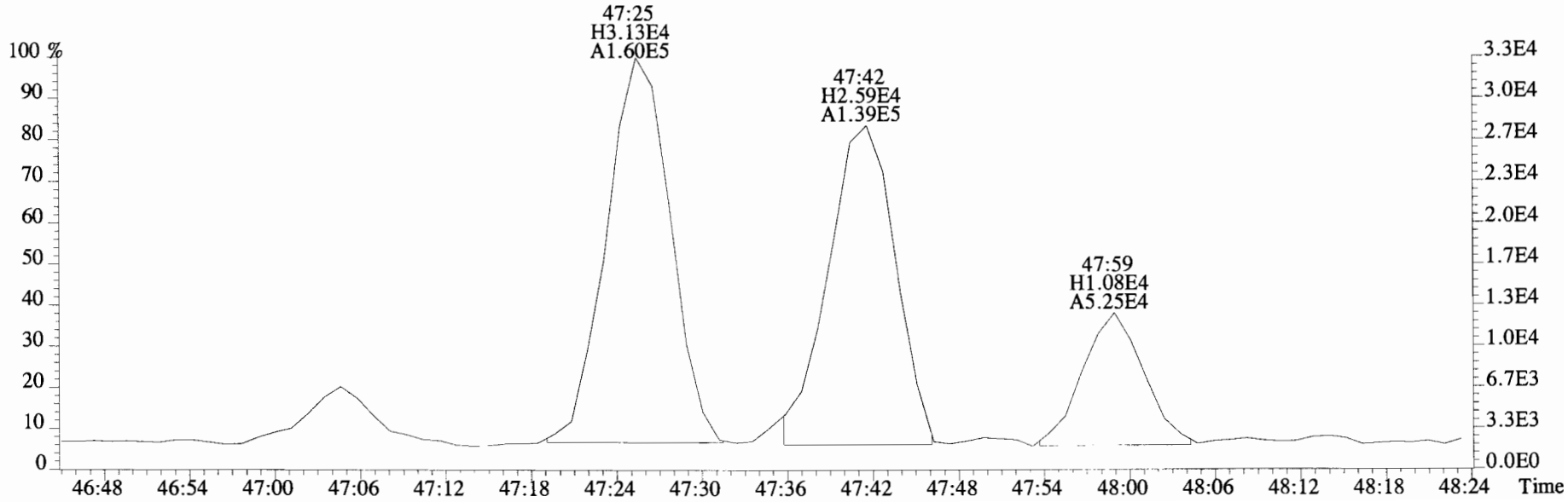
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2292.0,0.00%,F,F)



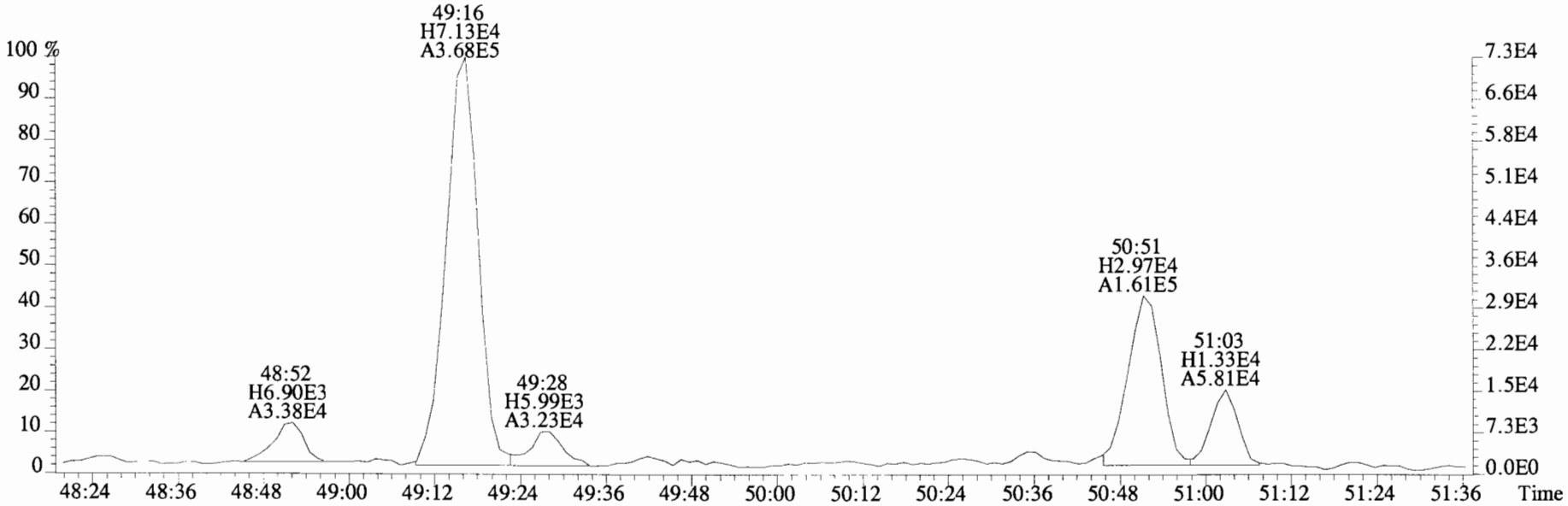
File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



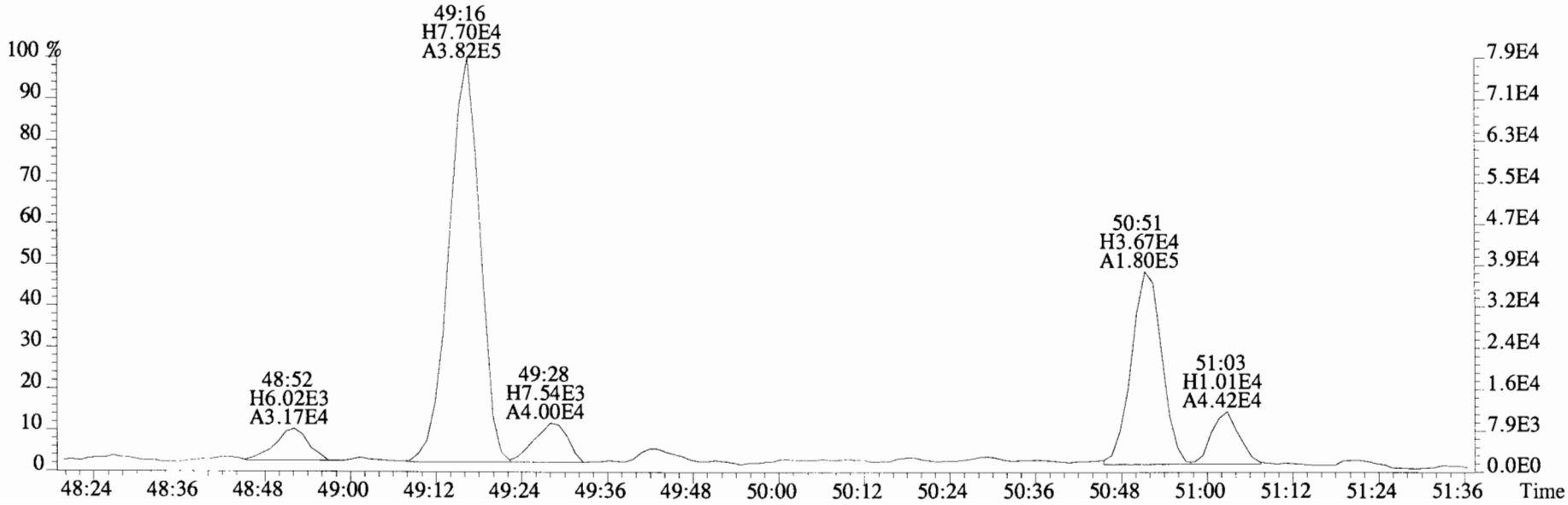
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2292.0,0.00%,F,F)



File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)

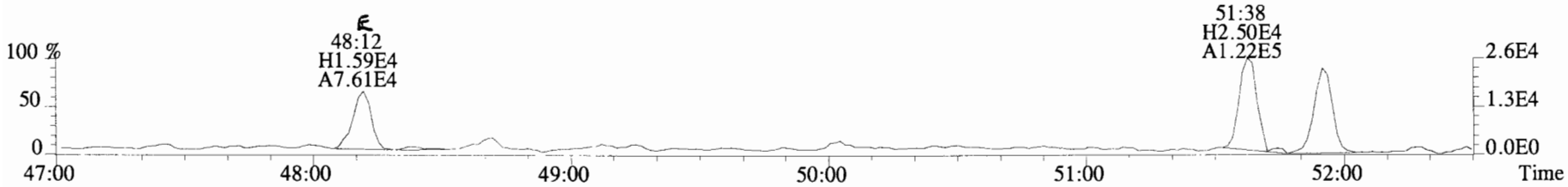


395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2292.0,0.00%,F,F)

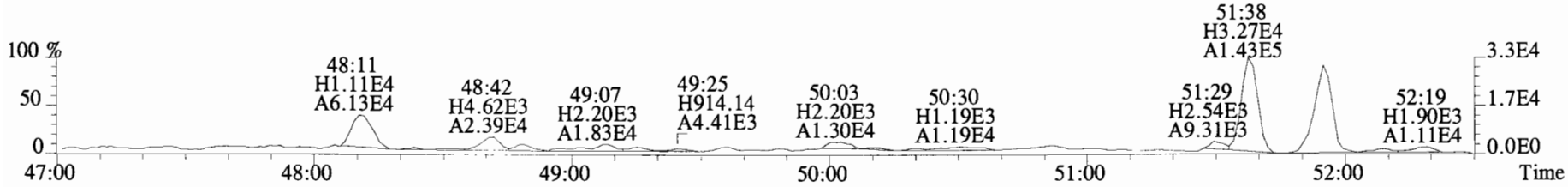


File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

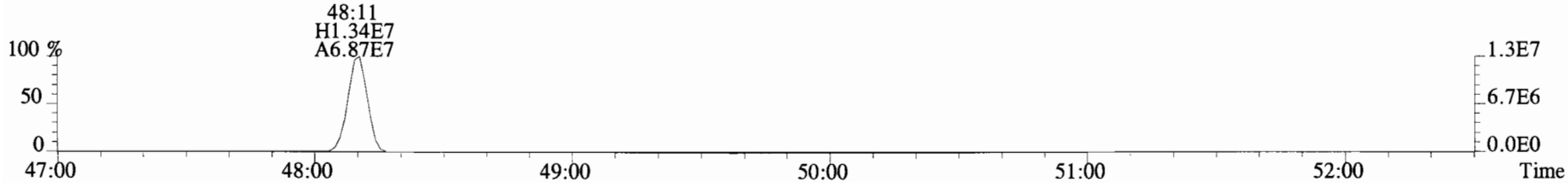
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



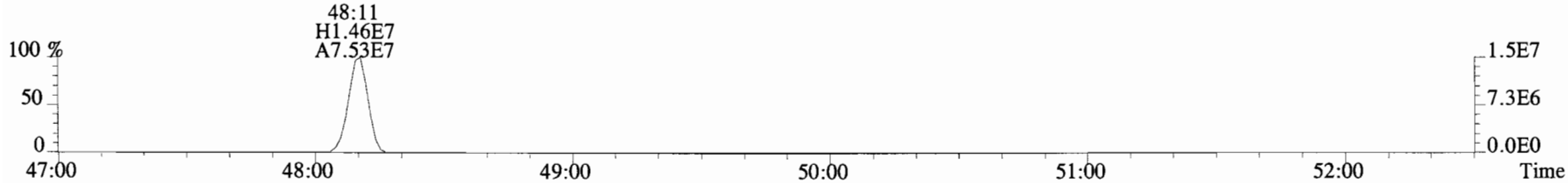
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2292.0,0.00%,F,F)



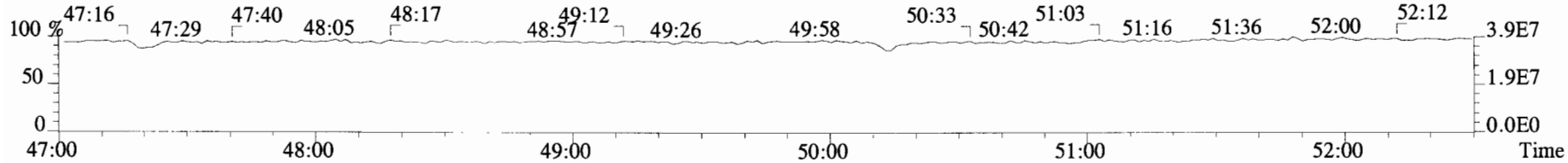
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1580.0,0.00%,F,F)



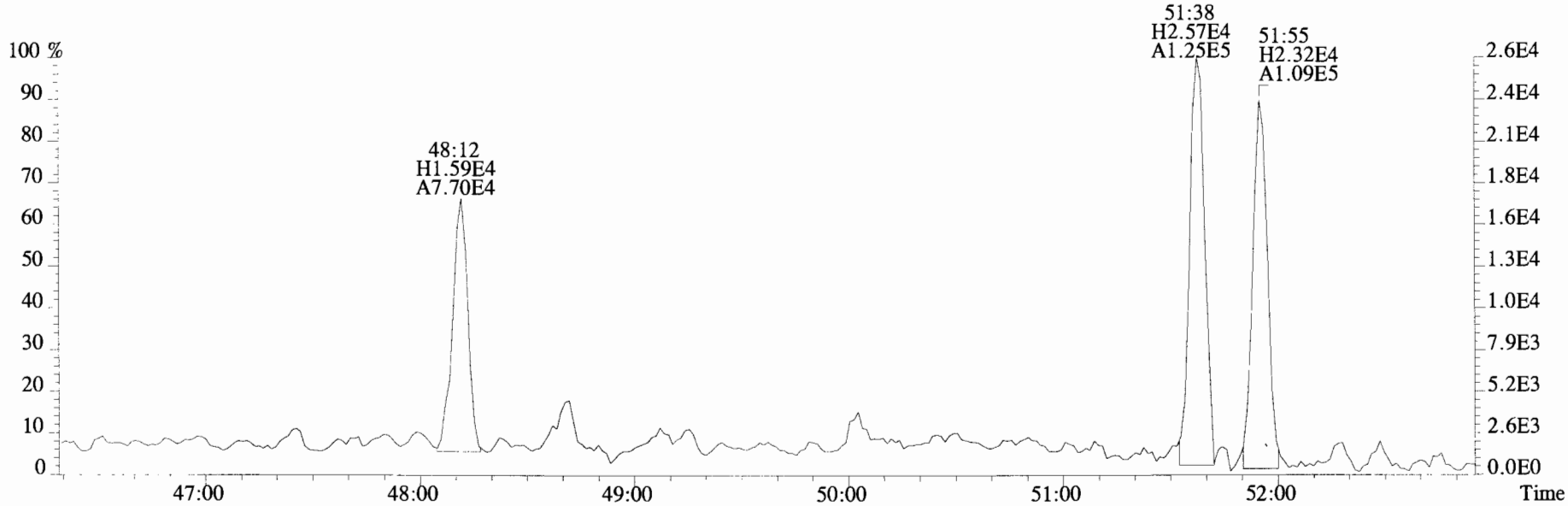
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1372.0,0.00%,F,F)



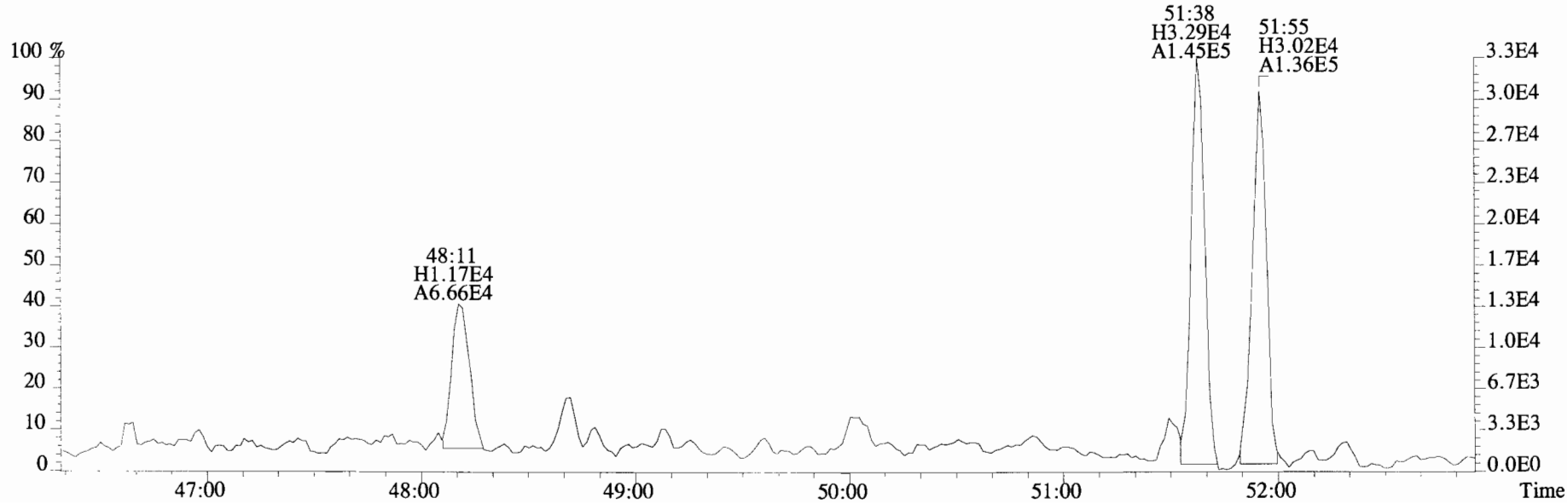
380.9760 S:4 F:4



File:180409E3 #1-574 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)

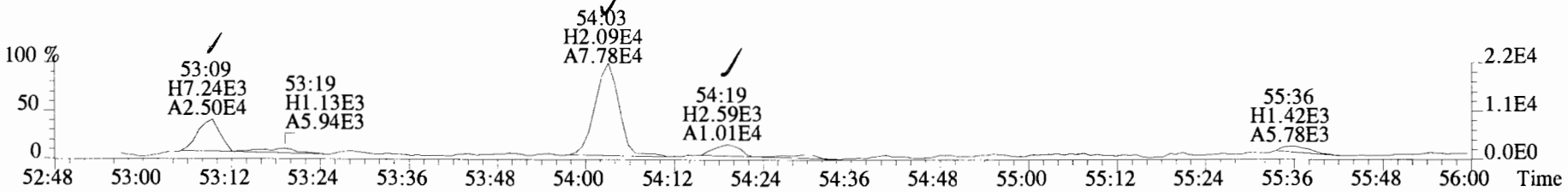


429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2292.0,0.00%,F,F)

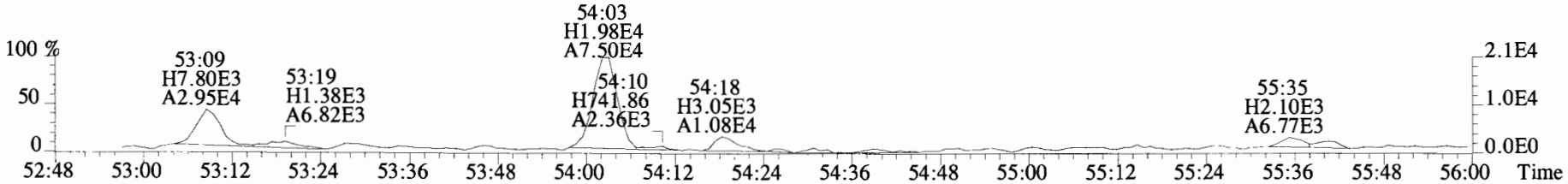


File:180409E3 #1-407 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

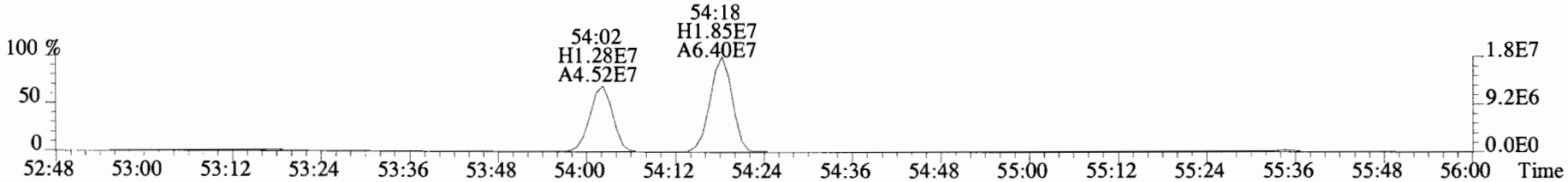
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1300.0,0.00%,F,F)



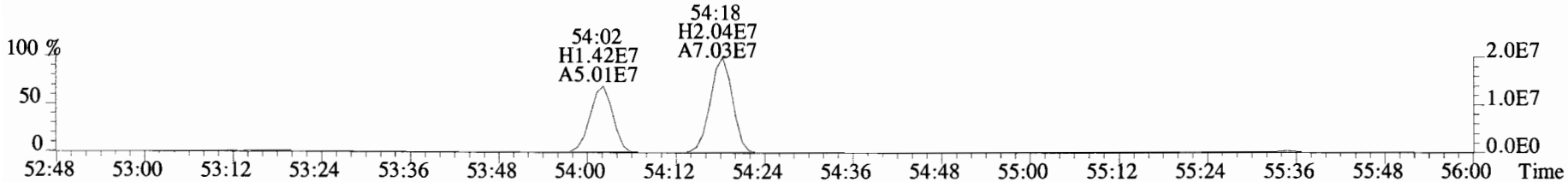
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1372.0,0.00%,F,F)



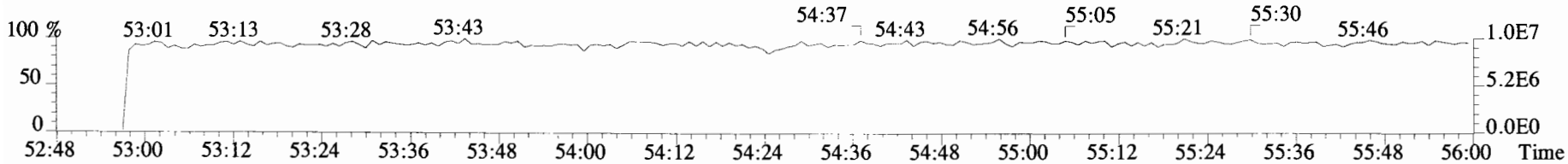
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5324.0,0.00%,F,F)



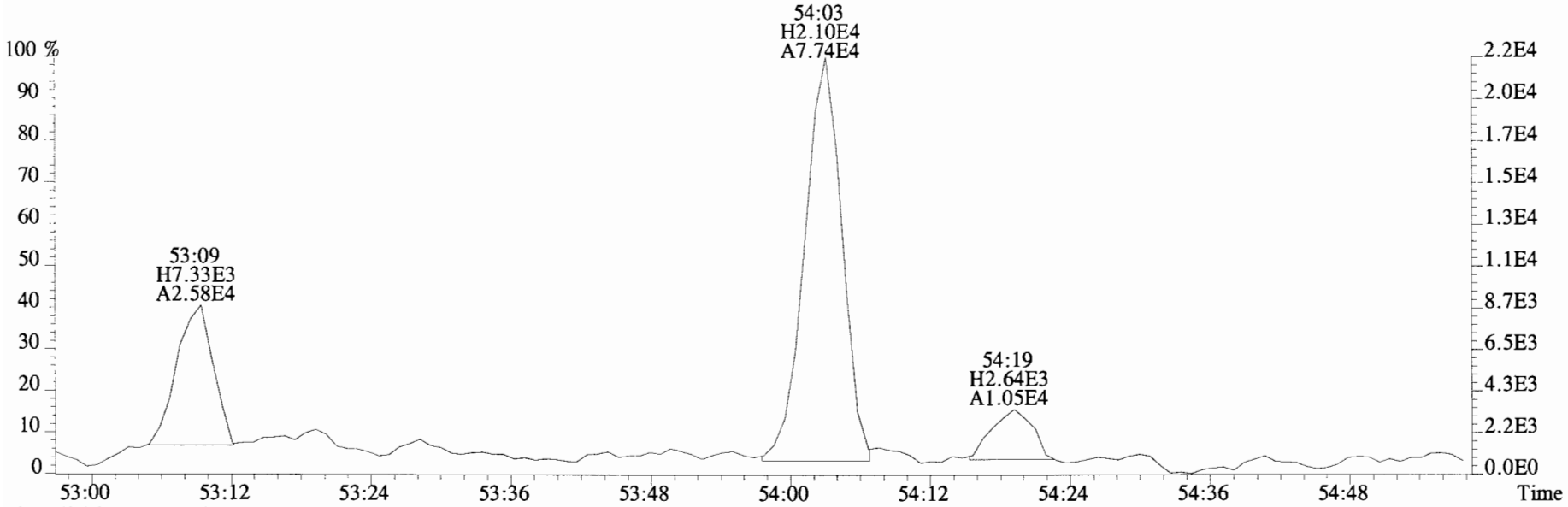
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5500.0,0.00%,F,F)



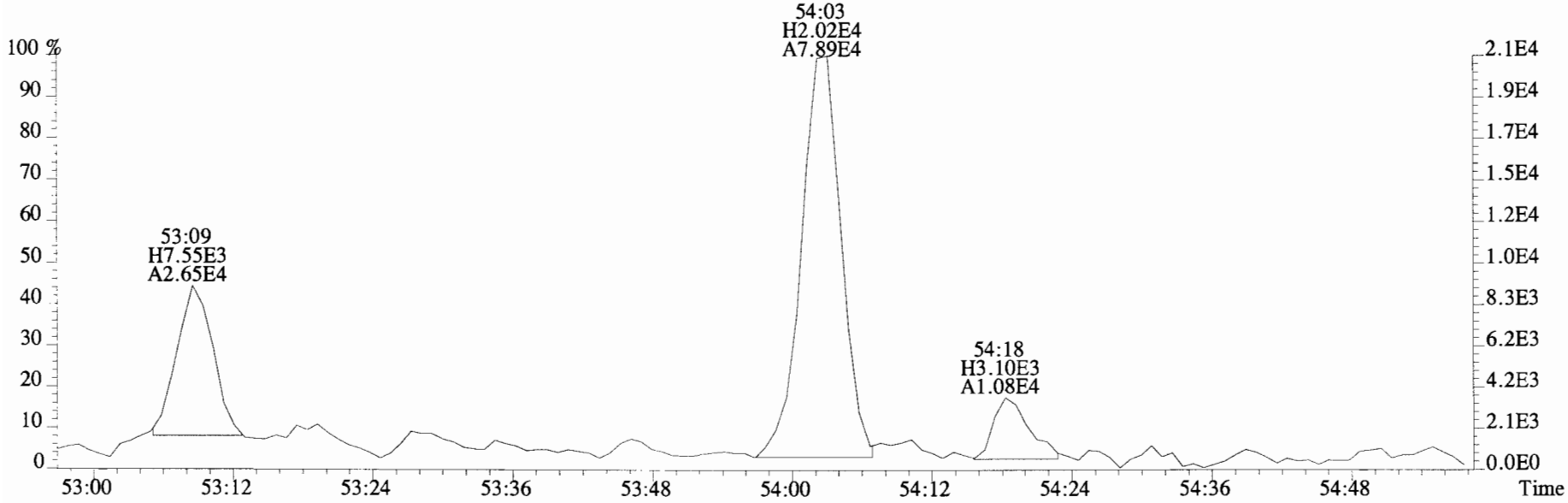
492.9697 S:4 F:5



File:180409E3 #1-407 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1300.0,0.00%,F,F)

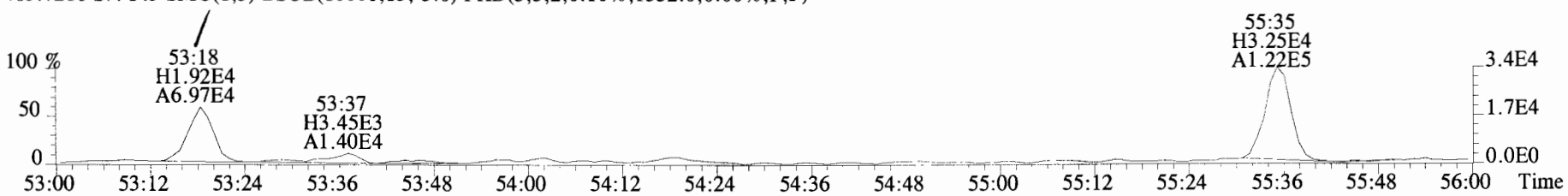


429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1372.0,0.00%,F,F)

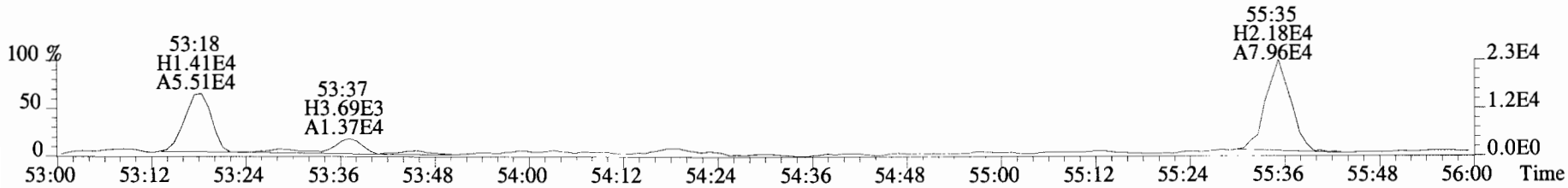


File:180409E3 #1-407 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1

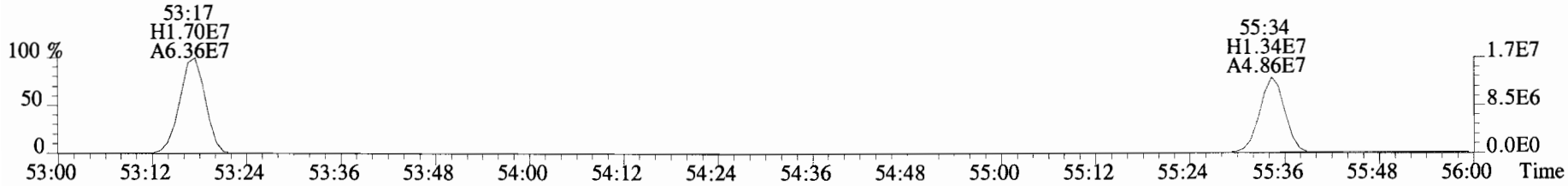
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1352.0,0.00%,F,F)



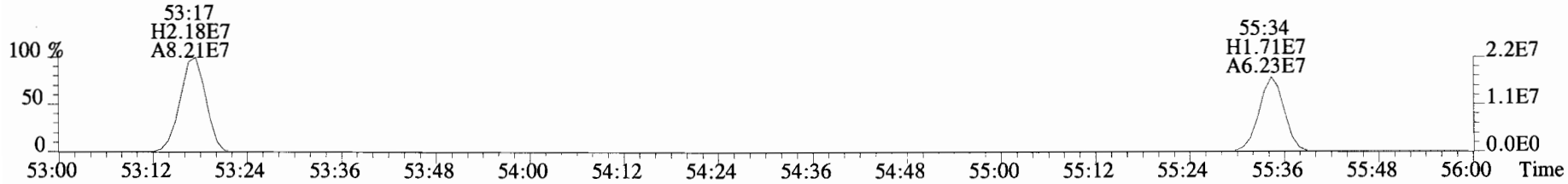
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1208.0,0.00%,F,F)



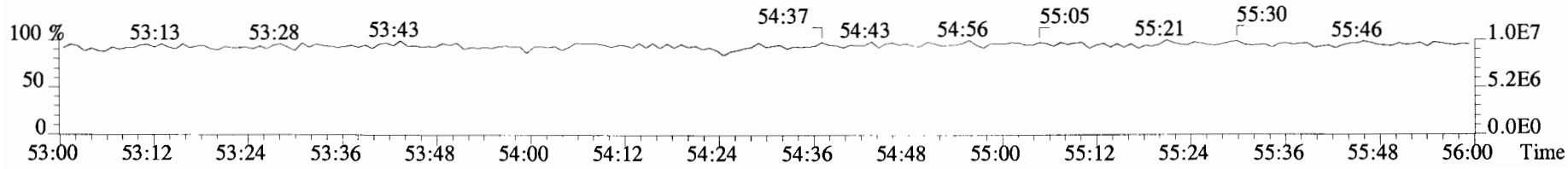
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24792.0,0.00%,F,F)



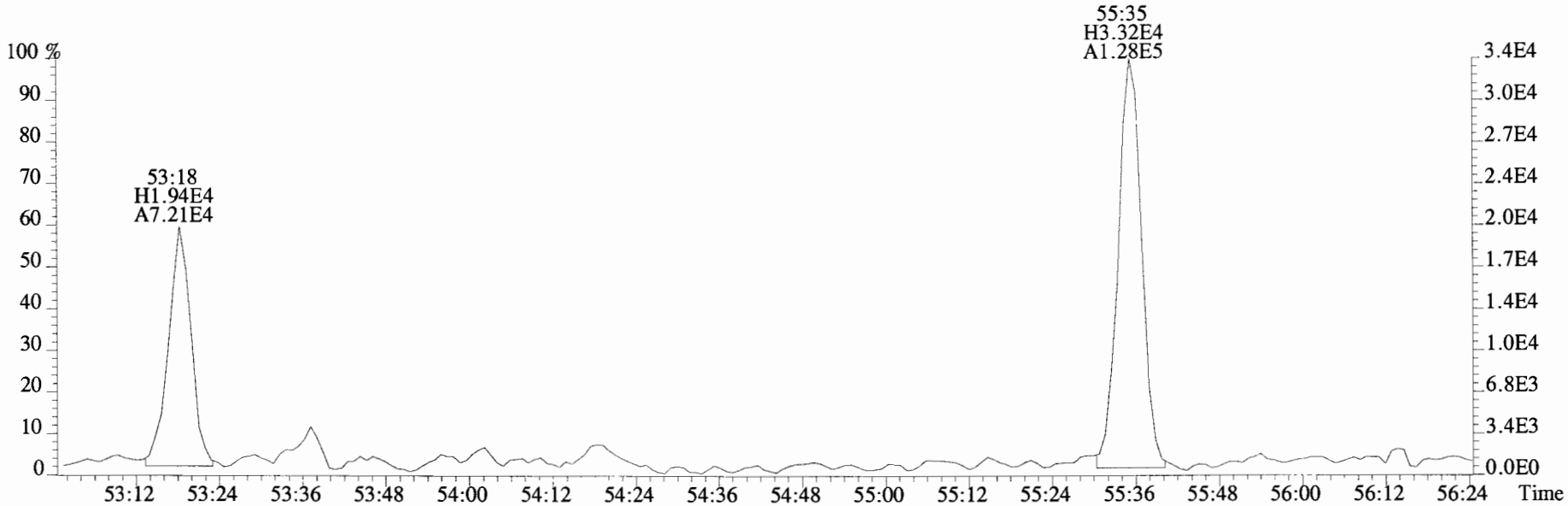
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31220.0,0.00%,F,F)



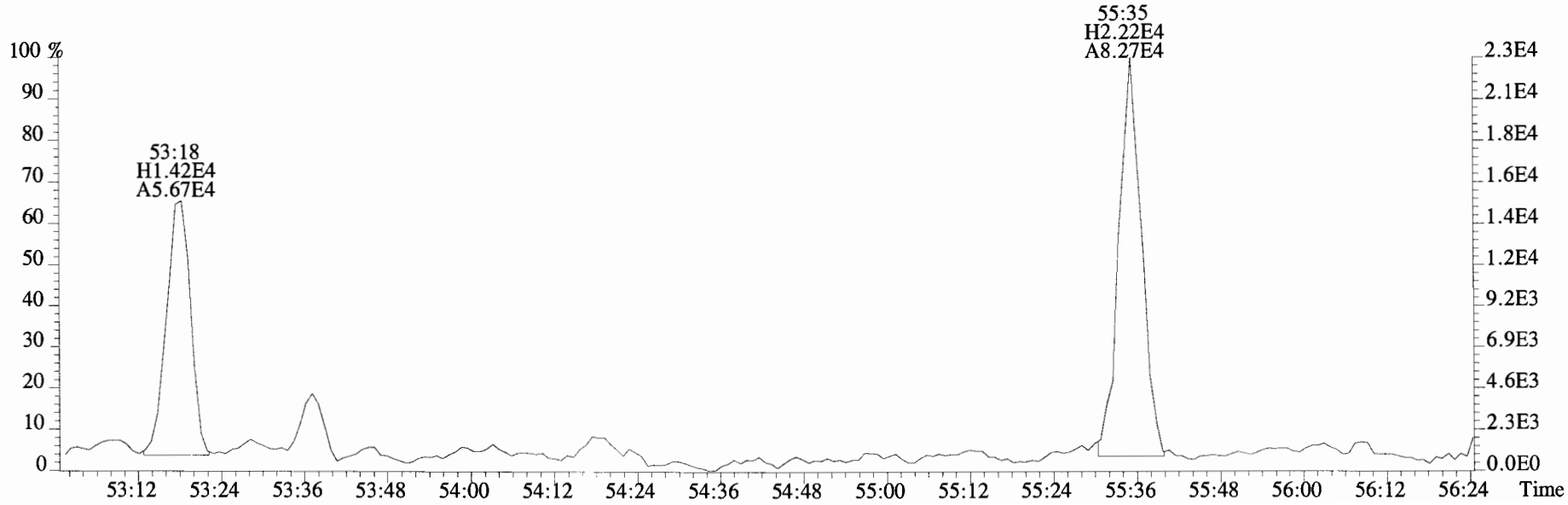
492.9697 S:4 F:5



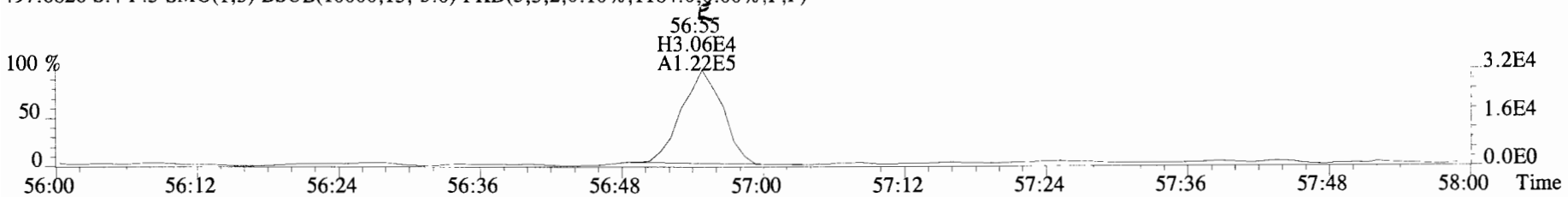
File:180409E3 #1-407 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1352.0,0.00%,F,F)



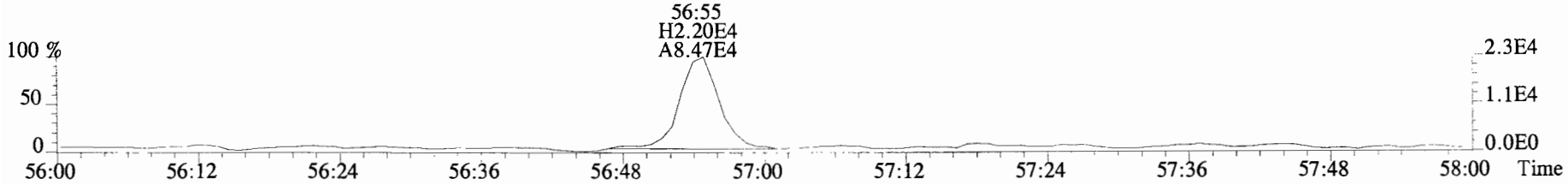
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1208.0,0.00%,F,F)



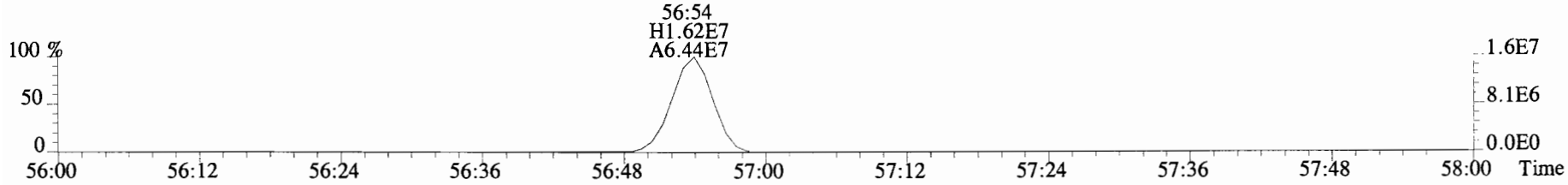
File:180409E3 #1-407 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1184.0,0.00%,F,F)



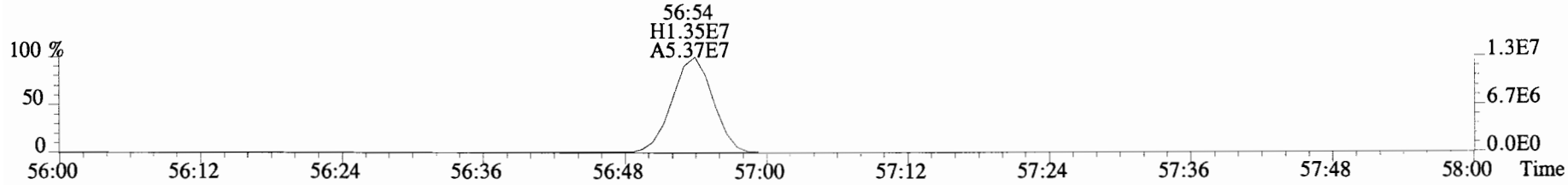
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1356.0,0.00%,F,F)



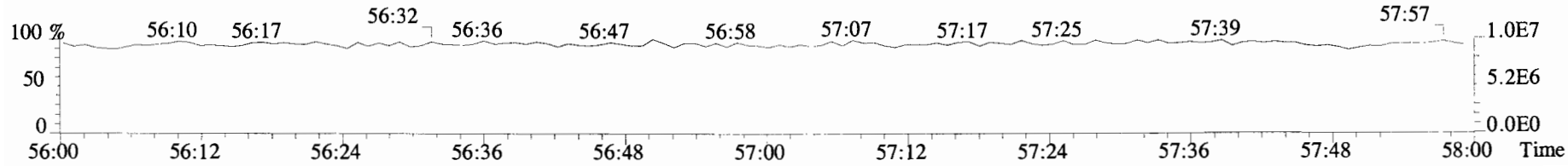
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1376.0,0.00%,F,F)



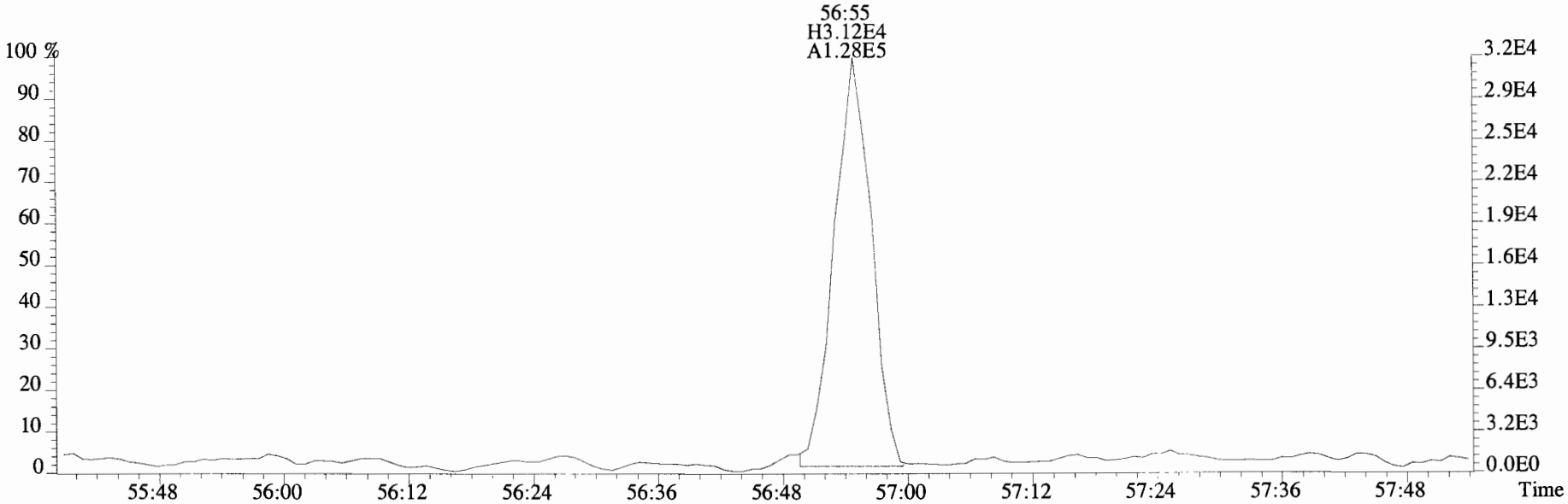
511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1316.0,0.00%,F,F)



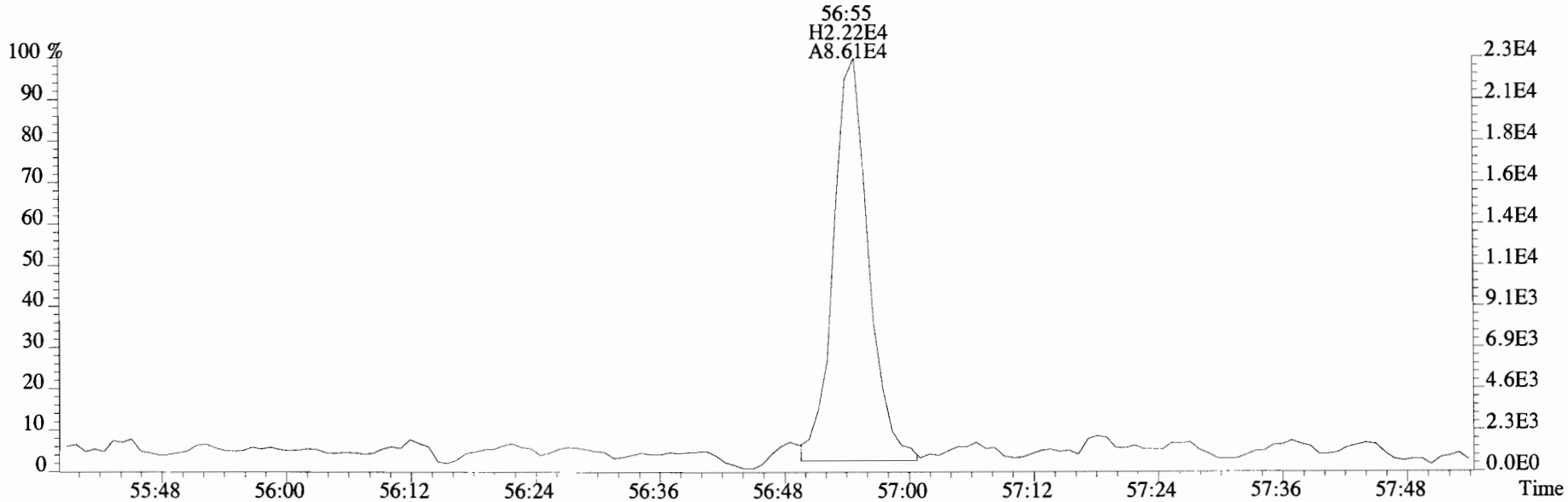
492.9697 S:4 F:5



File:180409E3 #1-407 Acq:10-APR-2018 23:16:48 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:1701755-03 OWS-WAFO-T171115120414 1 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1184.0,0.00%,F,F)



499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1356.0,0.00%,F,F)



CONTINUING CALIBRATION

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calbration ID: ST180409E1-1

Reviewed By: CT 4/12/18
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?	DB	

Run Log:

	Beg.	End
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	(Y)	N
- Bottle position verfied?	DB	

	Beg.	End
Mass resolution ≥	✓	✓

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

	Beg.	End
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:

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E1 S#1 Analysis Date: 9-APR-18 Time: 17:33:40

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	2.97	2.66-3.60	y	50.1	37.5-62.5
PCB-2	3.04	2.66-3.60	y	50.4	37.5-62.5
PCB-3	3.01	2.66-3.60	y	51.6	37.5-62.5
PCB-4/10	1.56	1.33-1.79	y	92.1	75-125
PCB-7/9	1.57	1.33-1.79	y	88.5	75-125
PCB-6	1.56	1.33-1.79	y	45.1	37.5-62.5
PCB-5/8	1.56	1.33-1.79	y	88.9	75-125
PCB-14	1.57	1.33-1.79	y	44.2	37.5-62.5
PCB-11	1.58	1.33-1.79	y	44.4	37.5-62.5
PCB-12/13	1.57	1.33-1.79	y	87.9	75-125
PCB-15	1.56	1.33-1.79	y	46.7	37.5-62.5
PCB-19	1.04	0.88-1.20	y	43.8	37.5-62.5
PCB-30	1.05	0.88-1.20	y	44.4	37.5-62.5
PCB-18	1.05	0.88-1.20	y	42.9	37.5-62.5
PCB-17	1.04	0.88-1.20	y	43.8	37.5-62.5
PCB-24/27	1.04	0.88-1.20	y	87.7	75.0-125
PCB-16/32	1.04	0.88-1.20	y	86.4	75.0-125
PCB-34	1.03	0.88-1.20	y	40.5	37.5-62.5
PCB-23	1.09	0.88-1.20	y	49.0	37.5-62.5
PCB-29	1.05	0.88-1.20	y	44.3	37.5-62.5
PCB-26	1.05	0.88-1.20	y	42.3	37.5-62.5
PCB-25	1.06	0.88-1.20	y	45.6	37.5-62.5
PCB-31	1.05	0.88-1.20	y	44.4	37.5-62.5
PCB-28	1.06	0.88-1.20	y	45.9	37.5-62.5
PCB-20/21/33	1.06	0.88-1.20	y	131.3	112.5-225
PCB-22	1.05	0.88-1.20	y	43.8	37.5-62.5
PCB-36	1.05	0.88-1.20	y	46.5	37.5-62.5
PCB-39	1.05	0.88-1.20	y	45.8	37.5-62.5
PCB-38	1.06	0.88-1.20	y	45.1	37.5-62.5
PCB-35	1.05	0.88-1.20	y	44.7	37.5-62.5
PCB-37	1.05	0.88-1.20	y	44.4	37.5-62.5
PCB-54	0.78	0.65-0.89	y	46.6	37.5-62.5
PCB-50	0.77	0.65-0.89	y	49.3	37.5-62.5
PCB-53	0.78	0.65-0.89	y	46.3	37.5-62.5
PCB-51	0.79	0.65-0.89	y	45.4	37.5-62.5
PCB-45	0.77	0.65-0.89	y	46.7	37.5-62.5
PCB-46	0.77	0.65-0.89	y	46.3	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	91.5	75.0-125
PCB-73	0.79	0.65-0.89	y	46.2	37.5-62.5
PCB-43/49	0.78	0.65-0.89	y	91.7	75.0-125
PCB-47	0.78	0.65-0.89	y	50.7	37.5-62.5
PCB-48/75	0.78	0.65-0.89	y	88.9	75.0-125
PCB-65	0.78	0.65-0.89	y	45.1	37.5-62.5
PCB-62	0.79	0.65-0.89	y	47.7	37.5-62.5
PCB-44	0.77	0.65-0.89	y	47.1	37.5-62.5
PCB-42/59	0.78	0.65-0.89	y	92.2	75.0-125
PCB-41/64/71/72	0.78	0.65-0.89	y	182.6	150-250
PCB-68	0.78	0.65-0.89	y	44.2	37.5-62.5
PCB-40	0.80	0.65-0.89	y	45.8	37.5-62.5
PCB-57	0.77	0.65-0.89	y	46.2	37.5-62.5
PCB-67	0.77	0.65-0.89	y	43.3	37.5-62.5
PCB-58	0.79	0.65-0.89	y	49.3	37.5-62.5
PCB-63	0.78	0.65-0.89	y	45.7	37.5-62.5
PCB-74	0.77	0.65-0.89	y	44.3	37.5-62.5
PCB-61/70	0.78	0.65-0.89	y	93.6	75.0-125
PCB-76/66	0.79	0.65-0.89	y	90.9	75.0-125
PCB-80	0.78	0.65-0.89	y	46.0	37.5-62.5
PCB-55	0.77	0.65-0.89	y	47.2	37.5-62.5
PCB-56/60	0.78	0.65-0.89	y	91.3	75.0-125
PCB-79	0.78	0.65-0.89	y	45.2	37.5-62.5
PCB-78	0.76	0.65-0.89	y	45.1	37.5-62.5
PCB-81	0.77	0.65-0.89	y	47.2	37.5-62.5
PCB-77	0.78	0.65-0.89	y	45.8	37.5-62.5
PCB-104	1.56	1.32-1.78	y	42.0	37.5-62.5
PCB-96	1.56	1.32-1.78	y	42.0	37.5-62.5
PCB-103	1.57	1.32-1.78	y	41.2	37.5-62.5
PCB-100	1.56	1.32-1.78	y	41.2	37.5-62.5
PCB-94	1.55	1.32-1.78	y	43.5	37.5-62.5
PCB-95/98/102	1.55	1.32-1.78	y	130.0	112.5-225
PCB-93	1.63	1.32-1.78	y	40.1	37.5-62.5
PCB-88/91	1.57	1.32-1.78	y	88.2	75.0-125
PCB-121	1.58	1.32-1.78	y	39.4	37.5-62.5

Analyst: DB

Date: 4/10/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E1 S#1 Analysis Date: 9-APR-18 Time: 17:33:40

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	1.57	1.32-1.78	y	86.8	75.0-125	PCB-140	1.25	1.05-1.43	y	47.2	37.5-62.5
PCB-89	1.56	1.32-1.78	y	43.3	37.5-62.5	PCB-134/143	1.23	1.05-1.43	y	95.5	75.0-125
PCB-90/101	1.57	1.32-1.78	y	86.6	75.0-125	PCB-131/133	1.24	1.05-1.43	y	94.5	75.0-125
PCB-113	1.56	1.32-1.78	y	44.6	37.5-62.5	PCB-142	1.25	1.05-1.43	y	49.4	37.5-62.5
PCB-99	1.59	1.32-1.78	y	42.9	37.5-62.5	PCB-146/165	1.25	1.05-1.43	y	94.3	75.0-125
PCB-119	1.54	1.32-1.78	y	42.7	37.5-62.5	PCB-132/161	1.25	1.05-1.43	y	96.1	75.0-125
PCB-108/112	1.58	1.32-1.78	y	86.7	75.0-125	PCB-153	1.25	1.05-1.43	y	46.6	37.5-62.5
PCB-83	1.58	1.32-1.78	y	43.1	37.5-62.5	PCB-168	1.25	1.05-1.43	y	45.0	37.5-62.5
PCB-97	1.57	1.32-1.78	y	43.2	37.5-62.5	PCB-141	1.23	1.05-1.43	y	47.4	37.5-62.5
PCB-86	1.51	1.32-1.78	y	43.6	37.5-62.5	PCB-137	1.23	1.05-1.43	y	42.3	37.5-62.5
PCB-87/117/125	1.59	1.32-1.78	y	131.5	112.5-225	PCB-130	1.25	1.05-1.43	y	53.1	37.5-62.5
PCB-111/115	1.57	1.32-1.78	y	85.5	75.0-125	PCB-138/163/164	1.24	1.05-1.43	y	140.1	112.5-225
PCB-85/116	1.55	1.32-1.78	y	96.6	75.0-125	PCB-158/160	1.24	1.05-1.43	y	94.0	75.0-125
PCB-120	1.56	1.32-1.78	y	41.7	37.5-62.5	PCB-129	1.25	1.05-1.43	y	46.2	37.5-62.5
PCB-110	1.59	1.32-1.78	y	46.9	37.5-62.5	PCB-166	1.23	1.05-1.43	y	48.0	37.5-62.5
PCB-82	1.59	1.32-1.78	y	43.3	37.5-62.5	PCB-159	1.25	1.05-1.43	y	48.1	37.5-62.5
PCB-124	1.55	1.32-1.78	y	43.4	37.5-62.5	PCB-128/162	1.24	1.05-1.43	y	94.0	75.0-125
PCB-107/109	1.57	1.32-1.78	y	86.7	75.0-125	PCB-167	1.23	1.05-1.43	y	46.6	37.5-62.5
PCB-123	1.56	1.32-1.78	y	43.5	37.5-62.5	PCB-156	1.24	1.05-1.43	y	45.3	37.5-62.5
PCB-106/118	1.56	1.32-1.78	y	87.3	75.0-125	PCB-157	1.23	1.05-1.43	y	46.4	37.5-62.5
PCB-114	1.59	1.32-1.78	y	45.8	37.5-62.5	PCB-169	1.25	1.05-1.43	y	46.8	37.5-62.5
PCB-122	1.57	1.32-1.78	y	43.1	37.5-62.5	PCB-188	1.05	0.89-1.21	y	44.4	37.5-62.5
PCB-105	1.58	1.32-1.78	y	44.3	37.5-62.5	PCB-184	1.05	0.89-1.21	y	45.3	37.5-62.5
PCB-127	1.55	1.32-1.78	y	43.9	37.5-62.5	PCB-179	1.05	0.89-1.21	y	44.5	37.5-62.5
PCB-126	1.56	1.32-1.78	y	44.9	37.5-62.5	PCB-176	1.06	0.89-1.21	y	44.9	37.5-62.5
PCB-155	1.26	1.05-1.43	y	43.0	37.5-62.5	PCB-186	1.05	0.89-1.21	y	45.8	37.5-62.5
PCB-150	1.26	1.05-1.43	y	45.0	37.5-62.5	PCB-178	1.06	0.89-1.21	y	45.9	37.5-62.5
PCB-152	1.26	1.05-1.43	y	45.3	37.5-62.5	PCB-175	1.06	0.89-1.21	y	46.3	37.5-62.5
PCB-145	1.23	1.05-1.43	y	45.7	37.5-62.5	PCB-182/187	1.05	0.89-1.21	y	90.7	75.0-125
PCB-136	1.24	1.05-1.43	y	46.9	37.5-62.5	PCB-183	1.05	0.89-1.21	y	45.0	37.5-62.5
PCB-148	1.25	1.05-1.43	y	45.0	37.5-62.5	PCB-185	1.06	0.89-1.21	y	46.6	37.5-62.5
PCB-154	1.27	1.05-1.43	y	46.8	37.5-62.5	PCB-174	1.04	0.89-1.21	y	46.0	37.5-62.5
PCB-151	1.25	1.05-1.43	y	47.1	37.5-62.5	PCB-181	1.07	0.89-1.21	y	46.5	37.5-62.5
PCB-135	1.24	1.05-1.43	y	45.0	37.5-62.5	PCB-177	1.06	0.89-1.21	y	46.3	37.5-62.5
PCB-144	1.25	1.05-1.43	y	48.3	37.5-62.5	PCB-171	1.05	0.89-1.21	y	44.8	37.5-62.5
PCB-147	1.26	1.05-1.43	y	49.0	37.5-62.5	PCB-173	1.05	0.89-1.21	y	46.2	37.5-62.5
PCB-139/149	1.26	1.05-1.43	y	95.6	75.0-125	PCB-172	1.07	0.89-1.21	y	45.9	37.5-62.5

Analyst: JB

Date: 4/10/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E1 S#1 Analysis Date: 9-APR-18 Time: 17:33:40

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.04	0.89-1.21	y	46.8	37.5-62.5
PCB-180	1.05	0.89-1.21	y	45.5	37.5-62.5
PCB-193	1.06	0.89-1.21	y	44.5	37.5-62.5
PCB-191	1.05	0.89-1.21	y	46.1	37.5-62.5
PCB-170	1.04	0.89-1.21	y	46.4	37.5-62.5
PCB-190	1.05	0.89-1.21	y	46.7	37.5-62.5
PCB-189	1.05	0.89-1.21	y	45.1	37.5-62.5
PCB-202	0.89	0.76-1.02	y	45.1	37.5-62.5
PCB-201	0.88	0.76-1.02	y	45.0	37.5-62.5
PCB-204	0.88	0.76-1.02	y	44.4	37.5-62.5
PCB-197	0.89	0.76-1.02	y	42.5	37.5-62.5
PCB-200	0.88	0.76-1.02	y	43.4	37.5-62.5
PCB-198	0.88	0.76-1.02	y	41.5	37.5-62.5
PCB-199	0.89	0.76-1.02	y	44.6	37.5-62.5
PCB-196/203	0.90	0.76-1.02	y	87.7	75.0-125
PCB-195	0.89	0.76-1.02	y	43.7	37.5-62.5
PCB-194	0.90	0.76-1.02	y	43.8	37.5-62.5
PCB-205	0.90	0.76-1.02	y	46.1	37.5-62.5
PCB-208	1.30	1.14-1.54	y	47.3	37.5-62.5
PCB-207	1.32	1.14-1.54	y	48.5	37.5-62.5
PCB-206	1.31	1.14-1.54	y	48.1	37.5-62.5
PCB-209	1.18	0.99-1.33	y	44.8	37.5-62.5

Analyst: DB

Date: 4/10/18

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E1-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E1 S#1 Analysis Date: 9-APR-18 Time: 17:33:40

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.10	2.66-3.60	y	75.0	50.0-145
13C-PCB-3	3.12	2.66-3.60	y	76.8	50.0-145
13C-PCB-4	1.55	1.33-1.79	y	96.2	50.0-145
13C-PCB-9	1.50	1.33-1.79	y	99.9	50.0-145
13C-PCB-11	1.51	1.33-1.79	y	102.4	50.0-145
13C-PCB-19	1.07	0.88-1.20	y	105.8	50.0-145
13C-PCB-32	1.07	0.88-1.20	y	109.2	50.0-145
13C-PCB-28	1.04	0.88-1.20	y	103.5	50.0-145
13C-PCB-37	1.02	0.88-1.20	y	97.1	50.0-145
13C-PCB-54	0.79	0.65-0.89	y	110.5	50.0-145
13C-PCB-52	0.78	0.65-0.89	y	113.2	50.0-145
13C-PCB-47	0.79	0.65-0.89	y	112.0	50.0-145
13C-PCB-70	0.79	0.65-0.89	y	105.0	50.0-145
13C-PCB-80	0.78	0.65-0.89	y	102.3	50.0-145
13C-PCB-81	0.79	0.65-0.89	y	104.1	50.0-145
13C-PCB-77	0.79	0.65-0.89	y	105.6	50.0-145
13C-PCB-104	1.55	1.32-1.78	y	106.6	50.0-145
13C-PCB-95	1.59	1.32-1.78	y	100.1	50.0-145
13C-PCB-101	1.60	1.32-1.78	y	95.7	50.0-145
13C-PCB-97	1.60	1.32-1.78	y	99.1	50.0-145
13C-PCB-123	1.56	1.32-1.78	y	102.3	50.0-145
13C-PCB-118	1.59	1.32-1.78	y	102.9	50.0-145
13C-PCB-114	1.57	1.32-1.78	y	92.8	50.0-145
13C-PCB-105	1.57	1.32-1.78	y	94.1	50.0-145
13C-PCB-127	1.58	1.32-1.78	y	93.9	50.0-145
13C-PCB-126	1.57	1.32-1.78	y	93.4	50.0-145
13C-PCB-155	1.26	1.05-1.43	y	116.5	50.0-145
13C-PCB-153	1.26	1.05-1.43	y	97.2	50.0-145
13C-PCB-141	1.28	1.05-1.43	y	98.8	50.0-145
13C-PCB-138	1.26	1.05-1.43	y	98.9	50.0-145
13C-PCB-159	1.28	1.05-1.43	y	98.7	50.0-145
13C-PCB-167	1.28	1.05-1.43	y	98.9	50.0-145
13C-PCB-156	1.28	1.05-1.43	y	98.8	50.0-145
13C-PCB-157	1.27	1.05-1.43	y	98.1	50.0-145

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.26	1.05-1.43	y	95.2	50 - 145
13C-PCB-188	0.45	0.38-0.52	y	100.2	50 - 145
13C-PCB-180	0.46	0.38-0.52	y	99.9	50 - 145
13C-PCB-170	0.46	0.38-0.52	y	98.6	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	99.3	50 - 145
13C-PCB-202	0.90	0.76-1.02	y	121.8	50 - 145
13C-PCB-194	0.91	0.76-1.02	y	98.3	50 - 145
13C-PCB-208	0.78	0.65-0.89	y	104.8	50 - 145
13C-PCB-206	0.79	0.65-0.89	y	114.8	50 - 145
13C-PCB-209	1.17	0.99-1.33	y	138.0	50 - 145

CRS vs. RS

13C-PCB-79	0.79	0.65-0.89	y	100.2	75 - 125
13C-PCB-178	0.45	0.38-0.52	y	99.3	75 - 125

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E1 S:1 Acq: 9-APR-18 17:33:40 ConCal: ST180409E1-1
Lab ID: ST180409E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	1.08e+08	2.97	y 15:59	1.07	50.14		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.17e+08	3.04	y 18:22	1.06	50.41		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.21e+08	3.01	y 18:37	1.06	51.62		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.54e+08	1.56	y 19:59	1.24	92.10		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	1.96e+08	1.57	y 21:46	0.99	88.45		*	2.5	*	0.866	0.863-0.871
Di	PCB-6	1.06e+08	1.56	y 22:26	1.06	45.08		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.03e+08	1.56	y 22:50	1.03	88.85		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	1.05e+08	1.57	y 23:57	1.03	44.24		*	2.5	*	0.953	0.948-0.958
Di	PCB-11	1.13e+08	1.58	y 25:08	1.11	44.36		*	2.5	*	1.000	0.996-1.006
Di	PCB-12/13	2.06e+08	1.57	y 25:32	1.02	87.91		*	2.5	*	1.016	1.011-1.021
Di	PCB-15	1.13e+08	1.56	y 25:51	1.05	46.67		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	8.18e+07	1.04	y 24:07	1.20	43.80		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.34e+08	1.05	y 25:01	1.93	44.43		*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	9.20e+07	1.05	y 25:46	0.91	42.85		*	2.5	*	0.954	0.948-0.958
Tri	PCB-17	8.66e+07	1.04	y 25:56	0.84	43.78		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	2.37e+08	1.04	y 26:31	1.15	87.70		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	2.07e+08	1.04	y 27:02	1.02	86.37		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	8.40e+07	1.03	y 27:49	0.96	40.54		*	2.5	*	0.959	0.955-0.965
Tri	PCB-23	1.00e+08	1.09	y 27:55	0.95	49.01		*	2.5	*	0.963	0.958-0.968
Tri	PCB-29	9.20e+07	1.05	y 28:11	0.96	44.27		*	2.5	*	0.972	0.966-0.976
Tri	PCB-26	9.17e+07	1.05	y 28:23	1.00	42.34		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.04e+08	1.06	y 28:32	1.06	45.57		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	1.05e+08	1.05	y 28:54	1.10	44.37		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.13e+08	1.06	y 29:00	1.14	45.90		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	2.82e+08	1.06	y 29:37	1.00	131.3		*	2.5	*	1.022	1.017-1.027
Tri	PCB-22	1.03e+08	1.05	y 30:03	1.09	43.79		*	2.5	*	1.036	1.032-1.042
Tri	PCB-36	1.05e+08	1.05	y 30:41	1.15	46.47		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	9.64e+07	1.05	y 31:09	1.07	45.76		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	9.80e+07	1.06	y 31:55	1.10	45.14		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	9.88e+07	1.05	y 32:27	1.12	44.68		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	9.74e+07	1.05	y 32:53	1.11	44.44		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-54	1.05e+08	0.78	y 27:53	1.07	46.58		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	9.07e+07	0.77	y 29:03	0.87	49.27		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	8.30e+07	0.78	y 29:42	1.01	46.32		*	2.5	*	0.945	0.940-0.950
Tetra	PCB-51	8.86e+07	0.79	y 30:02	1.10	45.40		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	7.23e+07	0.77	y 30:28	0.87	46.72		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	6.87e+07	0.77	y 30:58	0.84	46.28		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: DB

Date: 4/10/18

Reviewed by: CT Date: 4/12/18

Client ID: PCB CS3 17L3006 Filename: 180409E1 S:1 Acq: 9-APR-18 17:33:40 ConCal: ST180409E1-1
Lab ID: ST180409E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	1.97e+08	0.78	y 31:27	1.21	91.53		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	1.19e+08	0.79	y 31:34	1.45	46.17		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	1.65e+08	0.78	y 31:43	1.01	91.70		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	8.81e+07	0.78	y 31:56	0.91	50.71		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-48/75	1.93e+08	0.78	y 32:03	1.13	88.89		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	1.10e+08	0.78	y 32:19	1.27	45.08		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	1.00e+08	0.79	y 32:25	1.10	47.69		*	2.5	*	1.016	1.011-1.021
Tetra	PCB-44	7.72e+07	0.77	y 32:44	0.85	47.11		*	2.5	*	1.026	1.020-1.030
Tetra	PCB-42/59	1.80e+08	0.78	y 32:57	1.02	92.18		*	2.5	*	1.033	1.027-1.037
Tetra	PCB-41/64/71/72	4.08e+08	0.78	y 33:32	1.17	182.6		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	1.08e+08	0.78	y 33:48	1.28	44.23		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	5.48e+07	0.80	y 34:01	0.62	45.82		*	2.5	*	1.066	1.060-1.070
Tetra	PCB-57	1.12e+08	0.77	y 34:22	1.13	46.17		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	1.03e+08	0.77	y 34:41	1.10	43.29		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	1.19e+08	0.79	y 34:47	1.12	49.30		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	9.84e+07	0.78	y 34:57	1.00	45.74		*	2.5	*	0.987	0.981-0.991
Tetra	PCB-74	1.13e+08	0.77	y 35:14	1.18	44.28		*	2.5	*	0.995	0.989-0.999
Tetra	PCB-61/70	2.07e+08	0.78	y 35:25	1.03	93.57		*	2.5	*	0.999	0.994-1.004
Tetra	PCB-76/66	2.22e+08	0.79	y 35:37	1.13	90.93		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-80	1.15e+08	0.78	y 35:52	1.19	46.00		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-55	1.15e+08	0.77	y 36:11	1.16	47.25		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	1.99e+08	0.78	y 36:41	1.04	91.30		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	1.11e+08	0.78	y 37:45	1.17	45.24		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	1.07e+08	0.76	y 38:27	1.10	45.05		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-81	9.85e+07	0.77	y 38:58	0.97	47.22		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-77	1.03e+08	0.78	y 39:34	1.08	45.77		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	8.24e+07	1.56	y 32:34	1.08	42.02		*	2.5	*	1.000	0.996-1.006
Penta	PCB-96	8.64e+07	1.56	y 33:49	1.13	41.96		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	6.79e+07	1.57	y 34:24	0.91	41.15		*	2.5	*	1.057	1.051-1.061
Penta	PCB-100	6.93e+07	1.56	y 34:44	0.93	41.15		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	5.41e+07	1.55	y 35:12	0.91	43.48		*	2.5	*	0.985	0.981-0.991
Penta	PCB-95/98/102	2.07e+08	1.55	y 35:42	1.17	130.0		*	2.5	*	0.999	0.994-1.004
Penta	PCB-93	5.05e+07	1.63	y 35:50	0.93	40.10		*	2.5	*	1.003	0.997-1.007
Penta	PCB-88/91	1.17e+08	1.57	y 36:07	0.97	88.24		*	2.5	*	1.011	1.005-1.015
Penta	PCB-121	9.02e+07	1.58	y 36:14	1.68	39.41		*	2.5	*	1.014	1.009-1.019
Penta	PCB-84/92	1.10e+08	1.57	y 37:03	0.97	86.81		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	5.99e+07	1.56	y 37:14	1.06	43.27		*	2.5	*	0.995	0.990-1.000

Analyst: JB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E1 S:1 Acq: 9-APR-18 17:33:40 ConCal: ST180409E1-1
Lab ID: ST180409E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	1.21e+08	1.57	y 37:25	1.08	86.55		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	8.58e+07	1.56	y 37:40	1.48	44.65		*	2.5	*	1.007	1.002-1.012
Penta	PCB-99	6.99e+07	1.59	y 37:46	1.25	42.86		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	8.54e+07	1.54	y 38:13	1.70	42.66		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	1.43e+08	1.58	y 38:22	1.40	86.74		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	8.90e+07	1.58	y 38:32	1.75	43.08		*	2.5	*	0.995	0.990-1.000
Penta	PCB-97	5.98e+07	1.57	y 38:44	1.17	43.25		*	2.5	*	1.001	0.995-1.005
Penta	PCB-86	5.56e+07	1.51	y 38:52	1.08	43.64		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.40e+08	1.59	y 39:00	1.55	131.5		*	2.5	*	1.007	1.002-1.012
Penta	PCB-111/115	1.81e+08	1.57	y 39:10	1.79	85.48		*	2.5	*	1.012	1.006-1.016
Penta	PCB-85/116	1.47e+08	1.55	y 39:17	1.29	96.56		*	2.5	*	1.015	1.009-1.019
Penta	PCB-120	9.75e+07	1.56	y 39:32	1.98	41.74		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	9.30e+07	1.59	y 39:40	1.69	46.86		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	5.72e+07	1.59	y 40:17	0.81	43.31		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	9.20e+07	1.55	y 40:58	1.30	43.39		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	1.86e+08	1.57	y 41:07	1.31	86.69		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	7.97e+07	1.56	y 41:17	1.12	43.52		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	1.79e+08	1.56	y 41:30	1.18	87.29		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	7.32e+07	1.59	y 42:07	1.11	45.84		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	6.35e+07	1.57	y 42:15	1.03	43.07		*	2.5	*	1.003	0.999-1.009
Penta	PCB-105	6.99e+07	1.58	y 42:58	1.12	44.31		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	7.49e+07	1.55	y 43:19	1.12	43.94		*	2.5	*	1.000	0.995-1.005
Penta	PCB-126	7.49e+07	1.56	y 45:12	1.20	44.94		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-155	6.91e+07	1.26	y 36:59	0.99	42.99		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-150	7.50e+07	1.26	y 38:14	1.02	44.95		*	2.5	*	1.035	1.030-1.040
Hexa	PCB-152	8.54e+07	1.26	y 38:43	1.16	45.32		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	8.41e+07	1.23	y 39:09	1.13	45.74		*	2.5	*	1.059	1.054-1.064
Hexa	PCB-136	7.81e+07	1.24	y 39:28	1.02	46.85		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	5.66e+07	1.25	y 39:36	0.77	44.98		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	6.68e+07	1.27	y 40:05	0.88	46.81		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	5.77e+07	1.25	y 40:43	0.75	47.14		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	6.31e+07	1.24	y 40:56	0.86	45.05		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	6.03e+07	1.25	y 41:02	0.77	48.32		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	6.42e+07	1.26	y 41:10	0.80	48.99		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.37e+08	1.26	y 41:26	0.88	95.56		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	5.91e+07	1.25	y 41:37	0.77	47.16		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	1.24e+08	1.23	y 42:03	0.76	95.46		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E1 S:1 Acq: 9-APR-18 17:33:40 ConCal: ST180409E1-1
Lab ID: ST180409E1-1 GC Column ID: ZB-1 ICal: PCBVCS-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.31e+08	1.24	y 42:20	0.82	94.50		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	6.14e+07	1.25	y 42:29	0.73	49.40		*	2.5	*	0.985	0.981-0.991
Hexa	PCB-146/165	1.63e+08	1.25	y 42:44	1.02	94.31		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.64e+08	1.25	y 42:58	1.00	96.05		*	2.5	*	0.996	0.992-1.002
Hexa	PCB-153	8.53e+07	1.25	y 43:09	1.08	46.64		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-168	8.53e+07	1.25	y 43:21	1.12	44.97		*	2.5	*	1.005	1.000-1.010
Hexa	PCB-141	6.91e+07	1.23	y 43:53	1.02	47.41		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	6.68e+07	1.23	y 44:16	1.10	42.33		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	6.12e+07	1.25	y 44:22	0.81	53.12		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-138/163/164	2.63e+08	1.24	y 44:45	1.23	140.1		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	1.69e+08	1.24	y 44:59	1.18	93.98		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	5.48e+07	1.25	y 45:12	0.78	46.16		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	9.70e+07	1.23	y 45:40	1.13	48.01		*	2.5	*	0.993	0.988-0.998
Hexa	PCB-159	9.97e+07	1.25	y 46:01	1.16	48.06		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-128/162	1.50e+08	1.24	y 46:17	0.89	94.00		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	8.61e+07	1.23	y 46:41	1.02	46.61		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	8.61e+07	1.24	y 47:59	1.06	45.32		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	8.38e+07	1.23	y 48:14	1.02	46.45		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	9.14e+07	1.25	y 50:27	1.13	46.75		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-188	8.78e+07	1.05	y 42:47	1.37	44.40		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-184	8.61e+07	1.05	y 43:13	1.32	45.31		*	2.5	*	1.011	1.006-1.016
Hepta	PCB-179	8.87e+07	1.05	y 43:60	1.38	44.49		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	8.47e+07	1.06	y 44:28	1.31	44.93		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	9.37e+07	1.05	y 45:04	1.42	45.77		*	2.5	*	1.054	1.049-1.059
Hepta	PCB-178	6.42e+07	1.06	y 45:34	0.97	45.94		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	6.66e+07	1.06	y 45:55	1.00	46.28		*	2.5	*	1.074	1.069-1.079
Hepta	PCB-182/187	1.49e+08	1.05	y 46:06	1.14	90.71		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	7.32e+07	1.05	y 46:24	1.13	45.03		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	6.34e+07	1.06	y 47:03	1.36	46.62		*	2.5	*	0.955	0.950-0.960
Hepta	PCB-174	6.53e+07	1.04	y 47:25	1.42	45.98		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	6.89e+07	1.07	y 47:32	1.48	46.51		*	2.5	*	0.965	0.960-0.970
Hepta	PCB-177	6.17e+07	1.06	y 47:42	1.33	46.33		*	2.5	*	0.968	0.963-0.973
Hepta	PCB-171	6.16e+07	1.05	y 47:59	1.37	44.82		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	5.88e+07	1.05	y 48:24	1.27	46.20		*	2.5	*	0.983	0.978-0.988
Hepta	PCB-172	6.39e+07	1.07	y 48:52	1.39	45.91		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	8.48e+07	1.04	y 49:04	1.80	46.84		*	2.5	*	0.996	0.991-1.001
Hepta	PCB-180	6.93e+07	1.05	y 49:16	1.52	45.52		*	2.5	*	1.000	0.995-1.005

Analyst: JB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E1 S:1 Acq: 9-APR-18 17.33:40 ConCal: ST180409E1-1
Lab ID: ST180409E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	7.65e+07	1.06	y 49:28	1.71	44.54		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	8.05e+07	1.05	y 49:44	1.74	46.10		*	2.5	*	1.010	1.005-1.015
Hepta	PCB-170	5.80e+07	1.04	y 50:52	1.44	46.37		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	7.94e+07	1.05	y 51:03	1.95	46.68		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	7.70e+07	1.05	y 52:28	1.46	45.10		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	7.67e+07	0.89	y 48:12	1.06	45.10		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	7.06e+07	0.88	y 48:41	0.98	44.99		*	2.5	*	1.010	1.006-1.016
Octa	PCB-204	7.63e+07	0.88	y 48:50	1.07	44.41		*	2.5	*	1.014	1.009-1.019
Octa	PCB-197	7.50e+07	0.89	y 49:08	1.10	42.54		*	2.5	*	1.020	1.015-1.025
Octa	PCB-200	7.25e+07	0.88	y 50:02	1.04	43.37		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	5.59e+07	0.88	y 51:31	0.84	41.49		*	2.5	*	1.069	1.065-1.075
Octa	PCB-199	5.72e+07	0.89	y 51:38	0.80	44.56		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	1.18e+08	0.90	y 51:55	0.84	87.68		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	4.37e+07	0.89	y 53:09	1.04	43.66		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	4.89e+07	0.90	y 54:03	1.16	43.78		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	5.92e+07	0.90	y 54:19	1.33	46.09		*	2.5	*	1.005	1.000-1.010
Nona	PCB-208	6.20e+07	1.30	y 53:18	0.90	47.29		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	6.30e+07	1.32	y 53:37	0.89	48.49		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	5.02e+07	1.31	y 55:36	0.88	48.12		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	6.06e+07	1.18	y 56:55	1.04	44.82		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E1 S:1 Acq: 9-APR-18 17:33:40 ConCal: ST180409E1-1
Lab ID: ST180409E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	2.01e+08	3.10	y	1.13	15:58	0.618	0.616	0.622	75.0	75.0
13C-PCB-3	2.20e+08	3.12	y	1.21	18:36	0.720	0.716	0.724	76.8	76.8
13C-PCB-4	1.35e+08	1.55	y	0.59	19:56	0.772	0.769	0.777	96.2	96.2
13C-PCB-9	2.23e+08	1.50	y	0.94	21:44	0.841	0.837	0.845	99.9	99.9
13C-PCB-11	2.30e+08	1.51	y	0.95	25:08	0.973	0.968	0.978	102	102
13C-PCB-19	1.56e+08	1.07	y	0.62	24:06	0.933	0.928	0.938	106	106
13C-PCB-28	2.16e+08	1.04	y	1.05	28:60	1.004	0.999	1.009	104	104
13C-PCB-32	2.35e+08	1.07	y	0.91	27:02	1.046	1.041	1.051	109	109
13C-PCB-37	1.97e+08	1.02	y	1.02	32:52	1.138	1.132	1.144	97.1	97.1
13C-PCB-47	1.92e+08	0.79	y	0.83	31:55	0.870	0.867	0.875	112	112
13C-PCB-52	1.77e+08	0.78	y	0.76	31:25	0.857	0.853	0.861	113	113
13C-PCB-54	2.11e+08	0.79	y	0.93	27:51	0.760	0.756	0.764	110	110
13C-PCB-70	2.15e+08	0.79	y	1.00	35:26	0.966	0.961	0.971	105	105
13C-PCB-77	2.08e+08	0.79	y	0.96	39:33	1.078	1.073	1.083	106	106
13C-PCB-80	2.09e+08	0.78	y	1.00	35:52	0.978	0.973	0.983	102	102
13C-PCB-81	2.15e+08	0.79	y	1.01	38:57	1.062	1.057	1.067	104	104
13C-PCB-95	1.36e+08	1.59	y	0.80	35:44	0.913	0.908	0.918	100	100
13C-PCB-97	1.18e+08	1.60	y	0.70	38:43	0.989	0.984	0.994	99.1	99.1
13C-PCB-101	1.30e+08	1.60	y	0.80	37:25	0.956	0.951	0.961	95.7	95.7
13C-PCB-104	1.82e+08	1.55	y	1.01	32:33	0.832	0.828	0.836	107	107
13C-PCB-105	1.40e+08	1.57	y	1.14	42:58	0.929	0.924	0.934	94.1	94.1
13C-PCB-114	1.44e+08	1.57	y	1.18	42:06	0.910	0.905	0.915	92.8	92.8
13C-PCB-118	1.74e+08	1.59	y	1.00	41:27	1.059	1.054	1.064	103	103
13C-PCB-123	1.64e+08	1.56	y	0.95	41:16	1.054	1.049	1.059	102	102
13C-PCB-126	1.39e+08	1.57	y	1.14	45:12	0.977	0.972	0.982	93.4	93.4
13C-PCB-127	1.53e+08	1.58	y	1.24	43:19	0.937	0.931	0.941	93.9	93.9
13C-PCB-138	1.52e+08	1.26	y	1.17	44:42	0.967	0.962	0.972	98.9	98.9
13C-PCB-141	1.43e+08	1.28	y	1.11	43:52	0.949	0.944	0.954	98.8	98.8
13C-PCB-153	1.70e+08	1.26	y	1.34	43:08	0.932	0.928	0.938	97.2	97.2
13C-PCB-155	1.63e+08	1.26	y	0.83	36:58	0.944	0.939	0.949	117	117
13C-PCB-156	1.79e+08	1.28	y	1.38	47:58	1.037	1.032	1.042	98.8	98.8
13C-PCB-157	1.76e+08	1.27	y	1.37	48:14	1.043	1.037	1.047	98.1	98.1
13C-PCB-159	1.79e+08	1.28	y	1.39	45:60	0.995	0.989	0.999	98.7	98.7
13C-PCB-167	1.81e+08	1.28	y	1.40	46:40	1.009	1.004	1.014	98.9	98.9
13C-PCB-169	1.73e+08	1.26	y	1.39	50:26	1.090	1.085	1.095	95.2	95.2
13C-PCB-170	8.71e+07	0.46	y	0.86	50:51	1.103	1.097	1.109	98.6	98.6
13C-PCB-180	1.00e+08	0.46	y	0.98	49:15	1.069	1.064	1.074	99.9	99.9
13C-PCB-188	1.44e+08	0.45	y	1.40	42:46	0.928	0.923	0.933	100	100
13C-PCB-189	1.17e+08	0.46	y	1.15	52:28	1.138	1.132	1.144	99.3	99.3
13C-PCB-194	9.66e+07	0.91	y	0.77	54:02	0.995	0.990	1.000	98.3	98.3
13C-PCB-202	1.61e+08	0.90	y	1.28	48:11	1.045	1.040	1.050	122	122
13C-PCB-206	1.18e+08	0.79	y	0.81	55:35	1.024	1.019	1.029	115	115
13C-PCB-208	1.46e+08	0.78	y	1.09	53:17	0.981	0.977	0.987	105	105
13C-PCB-209	1.30e+08	1.17	y	0.74	56:54	1.048	1.043	1.053	138	138

CRS vs. RS

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.12e+08	0.79	y	1.03	37:44	1.029	1.024	1.034	100	100
13C-PCB-178	9.47e+07	0.45	y	0.93	45:33	0.985	0.980	0.990	99.3	99.3

PS vs. IS

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.12e+08	0.79	y	1.03	37:44	0.969	0.963	0.973	96.3	96.3
13C-PCB-178	9.47e+07	0.45	y	0.95	45:33	0.925	0.920	0.930	99.3	99.3

RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	2.36e+08	1.52	y	1.00	25:50	100
13C-PCB-31	1.99e+08	1.02	y	1.00	28:53	100
13C-PCB-60	2.05e+08	0.79	y	1.00	36:40	100
13C-PCB-111	1.69e+08	1.57	y	1.00	39:09	100
13C-PCB-128	1.31e+08	1.27	y	1.00	46:15	100
13C-PCB-182	1.03e+08	0.46	y	1.00	46:05	100
13C-PCB-205	1.28e+08	0.92	y	1.00	54:18	100

Analyst: DB

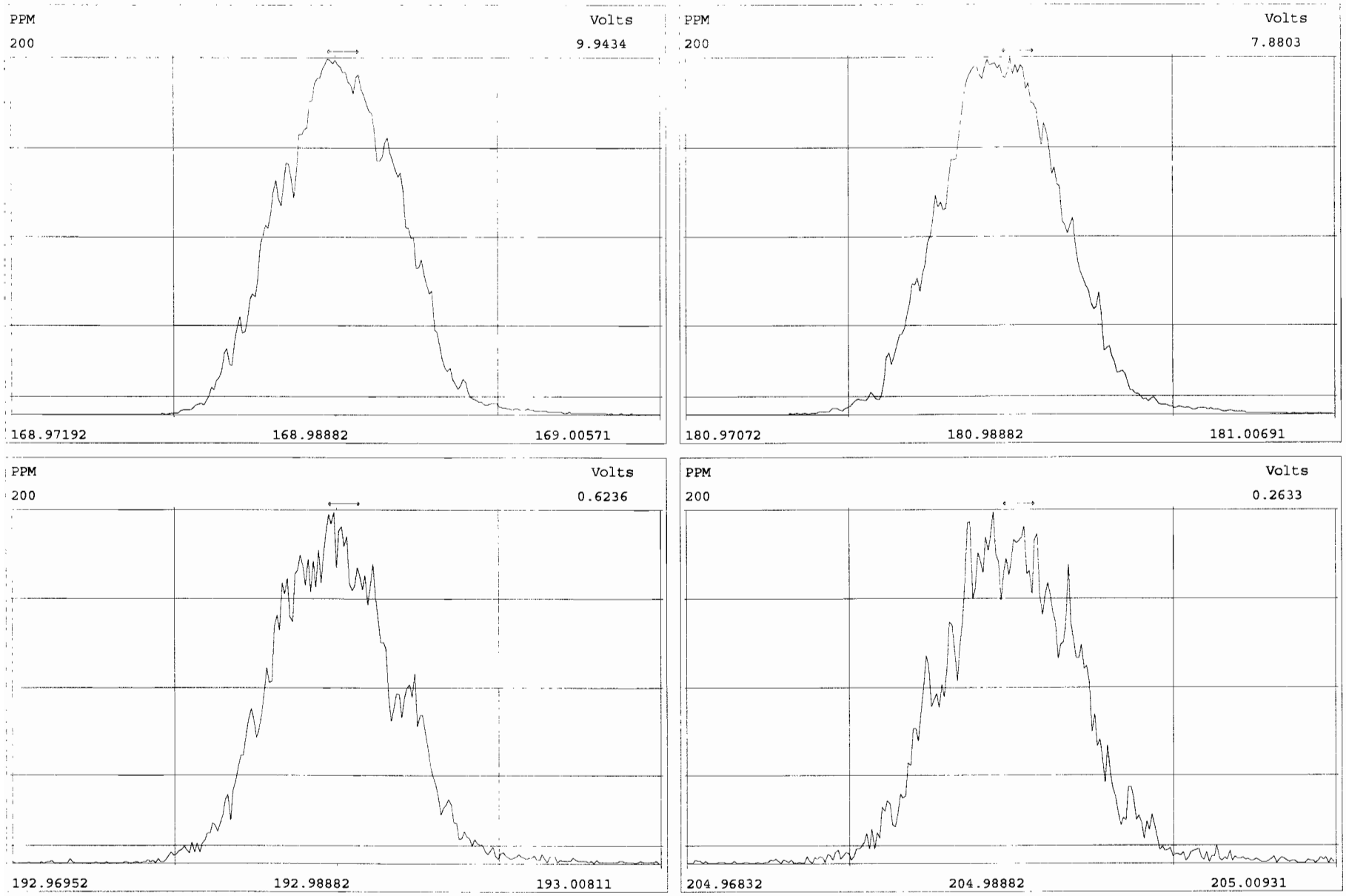
Date: 4/10/18

Vista Analytical Laboratory - Injection Log Run file: 180409E1 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180409E1	1	ST180409E1-1	DB	9-APR-18	17:33:40	ST180409E1-1	NA
180409E1	2	B8D0041-BS1	DB	9-APR-18	18:38:48	ST180409E1-1	NA
180409E1	3	SOLVENT BLANK	DB	9-APR-18	19:43:58	ST180409E1-1	NA
180409E1	4	B8D0041-BLK1	DB	9-APR-18	20:49:06	ST180409E1-1	NA
180409E1	5	B8D0041-MS1	DB	9-APR-18	21:54:14	ST180409E1-1	NA
180409E1	6	B8D0041-MSD1	DB	9-APR-18	22:59:22	ST180409E1-1	NA
180409E1	7	1701560-01	DB	10-APR-18	00:04:30	ST180409E1-1	NA
180409E1	8	1701560-02	DB	10-APR-18	01:09:38	ST180409E1-1	NA
180409E1	9	1701560-03	DB	10-APR-18	02:14:46	ST180409E1-1	NA
180409E1	10	1701560-04	DB	10-APR-18	03:19:53	ST180409E1-1	NA
180409E1	11	1701560-05	DB	10-APR-18	04:25:00	ST180409E1-1	NA
180409E1	12	1701560-06	DB	10-APR-18	05:30:06	ST180409E1-1	NA

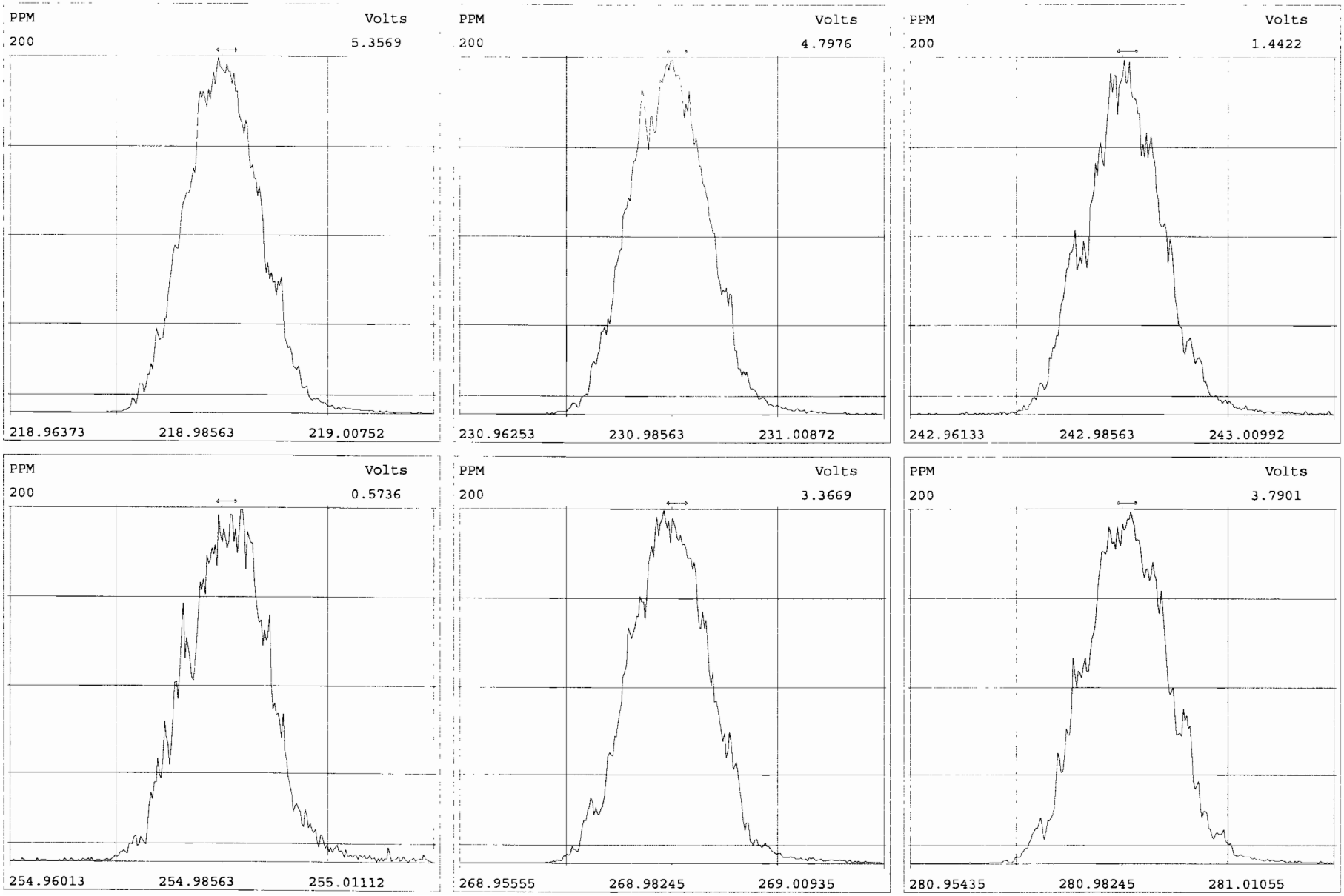
Peak Locate Examination: 9-APR-2018:17:31 File:180409E1

Experiment:PCB_ZB1 Function:1 Reference:PFK



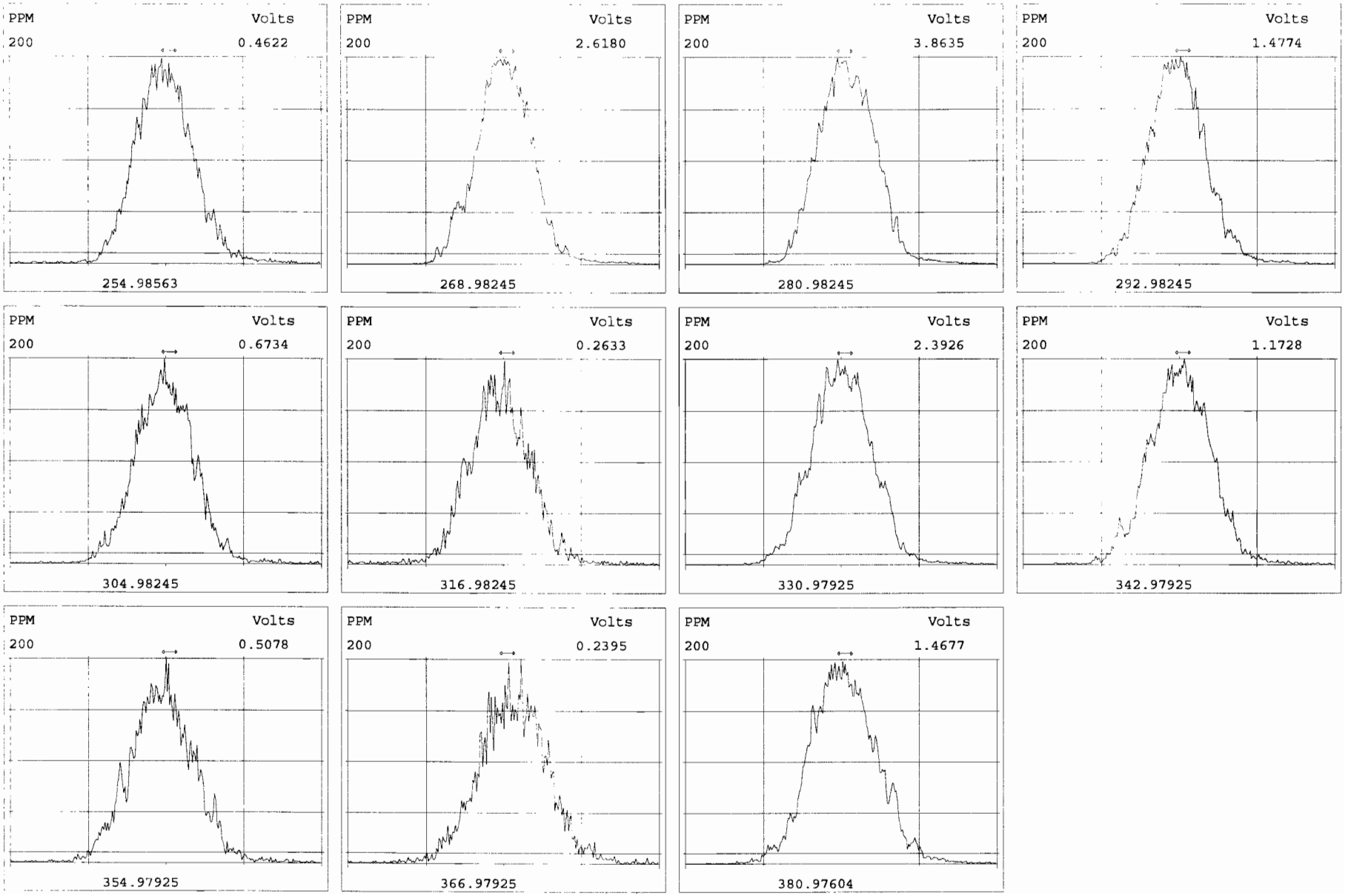
Peak Locate Examination: 9-APR-2018:17:31 File:180409E1

Experiment:PCB_ZB1 Function:2 Reference:PFK



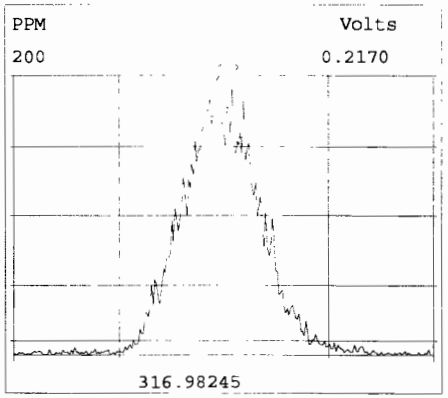
Peak Locate Examination: 9-APR-2018:17:32 File:180409E1

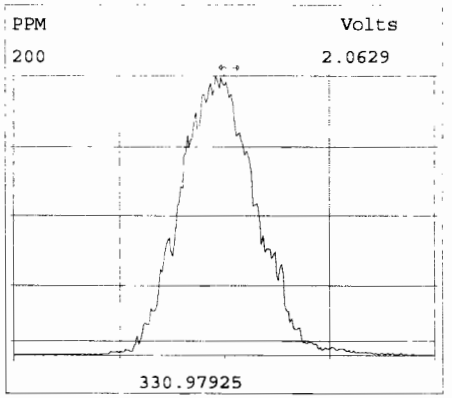
Experiment:PCB_ZB1 Function:3 Reference:PFK

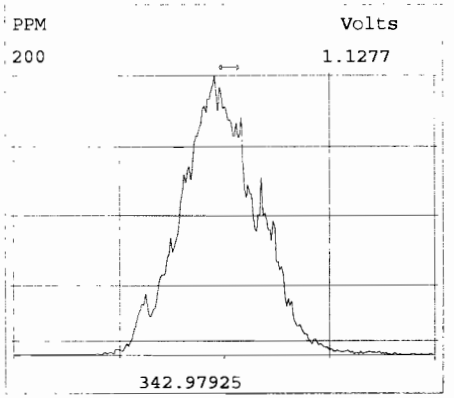


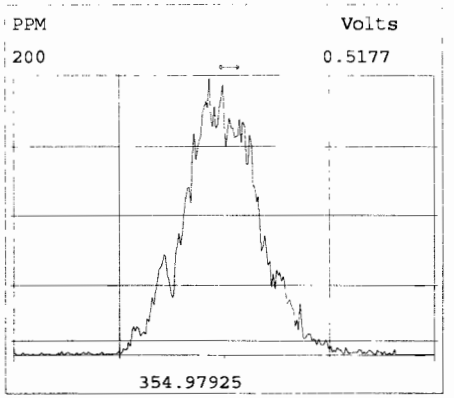
Peak Locate Examination: 9-APR-2018:17:32 File:180409E1

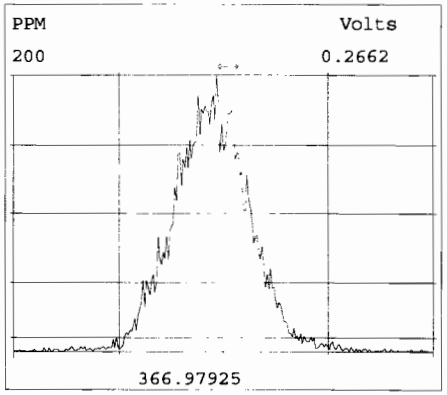
Experiment:PCB_ZB1 Function:4 Reference:PFK

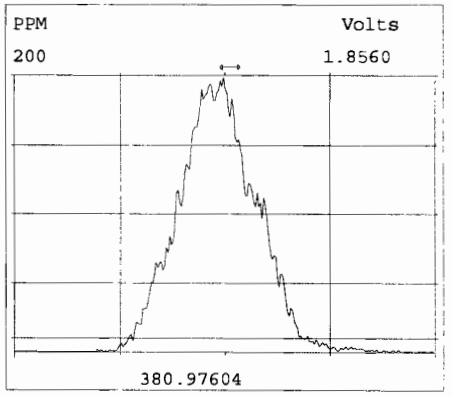


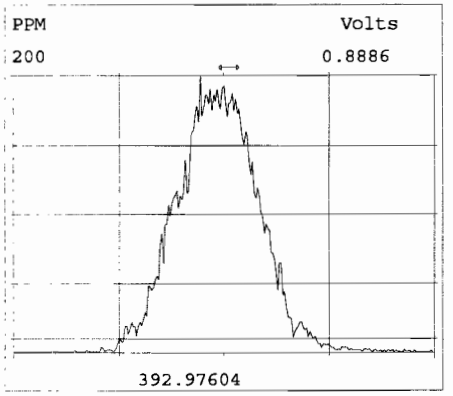


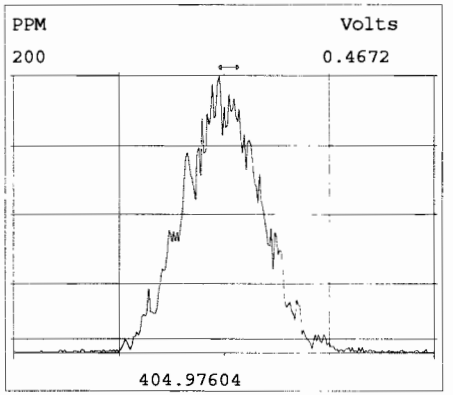


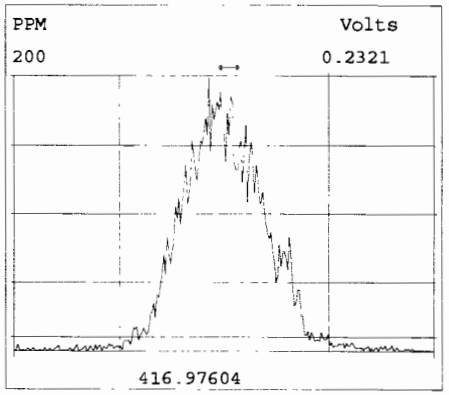


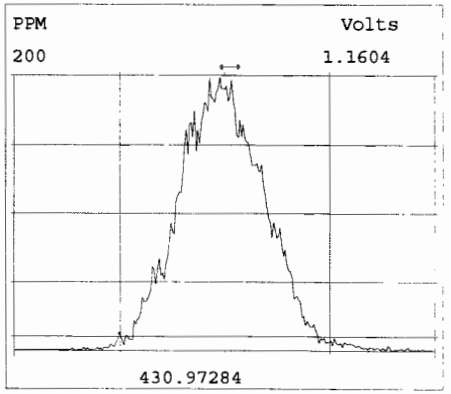


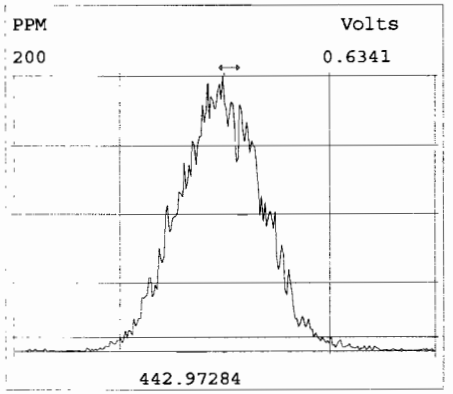






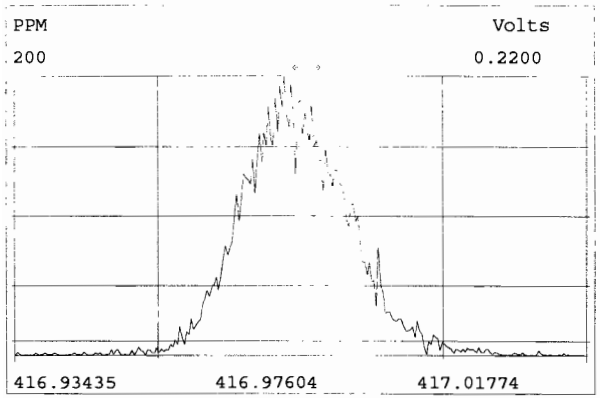


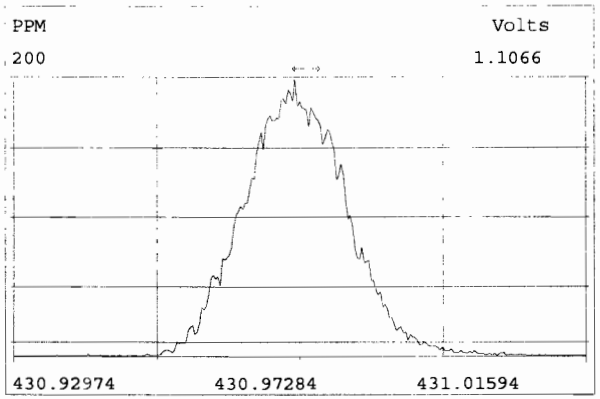


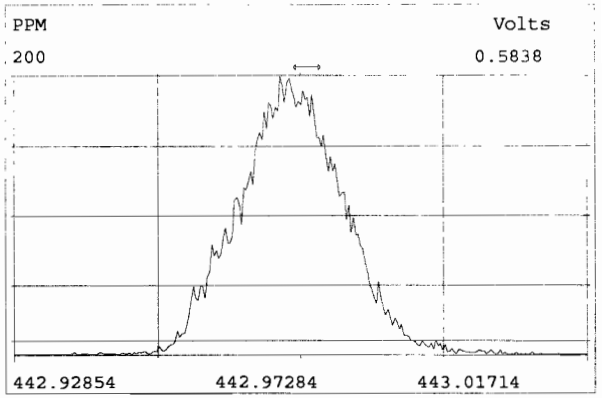


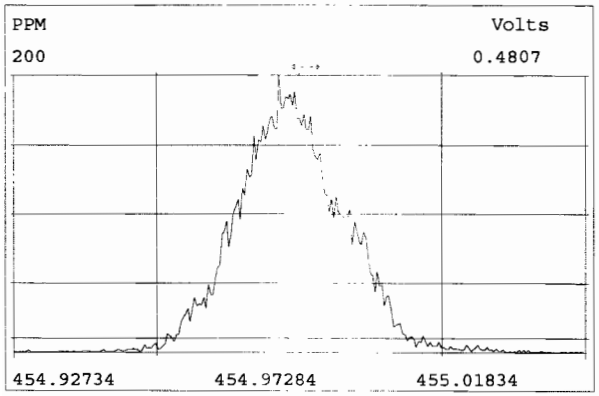
Peak Locate Examination: 9-APR-2018:17:33 File:180409E1

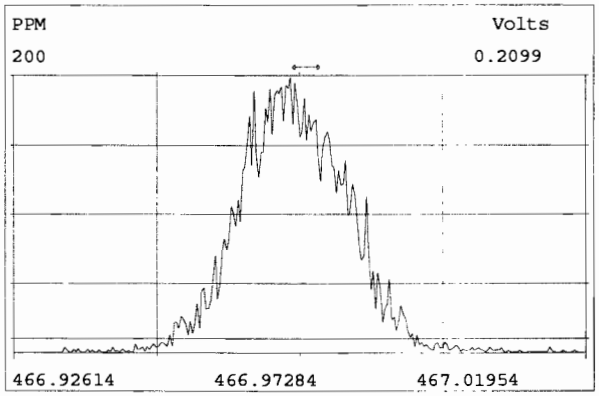
Experiment:PCB_ZB1 Function:5 Reference:PFK

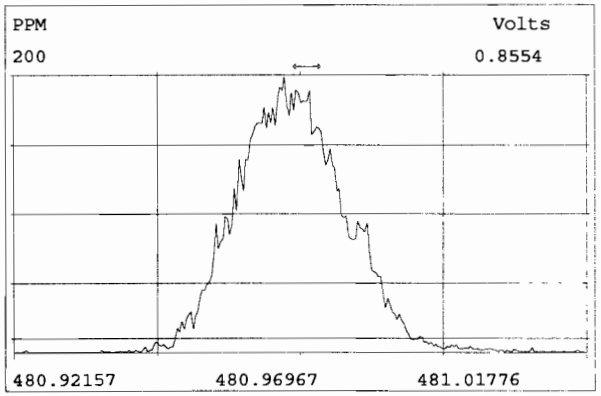


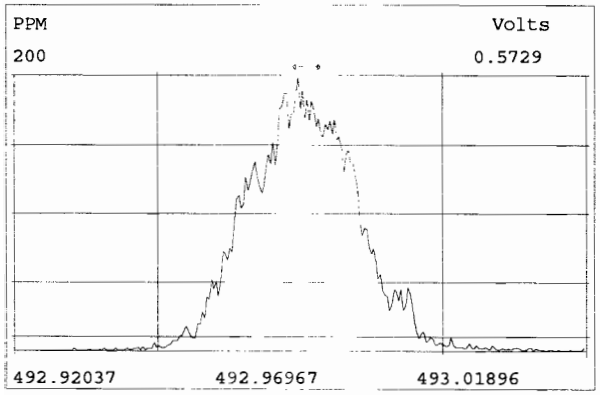


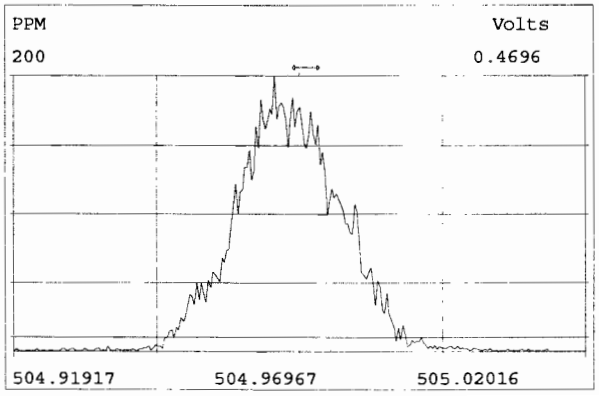


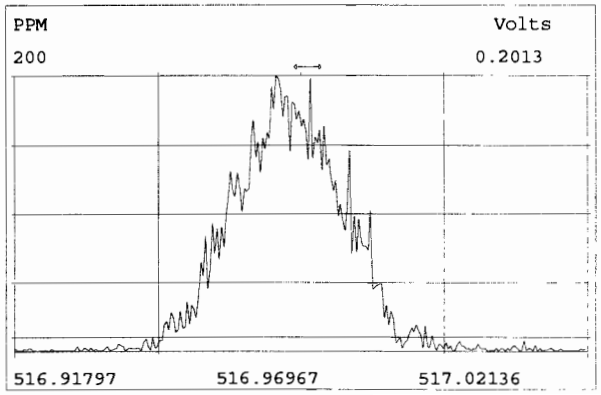




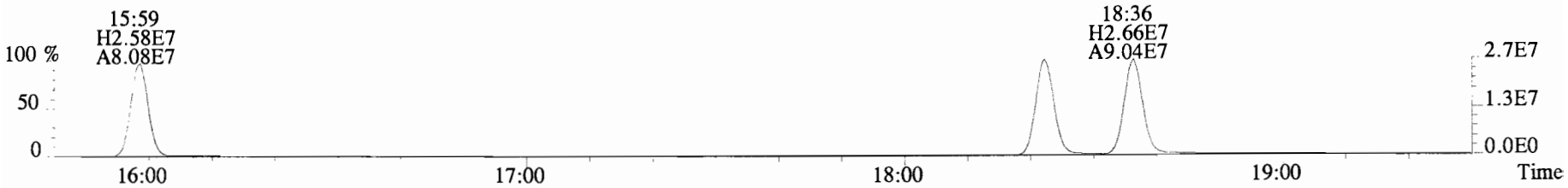




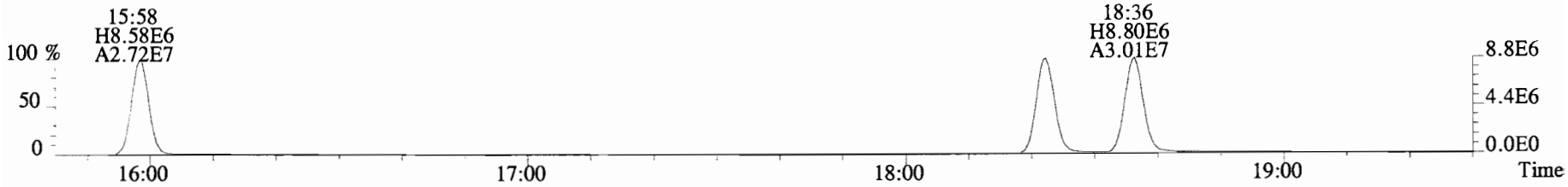




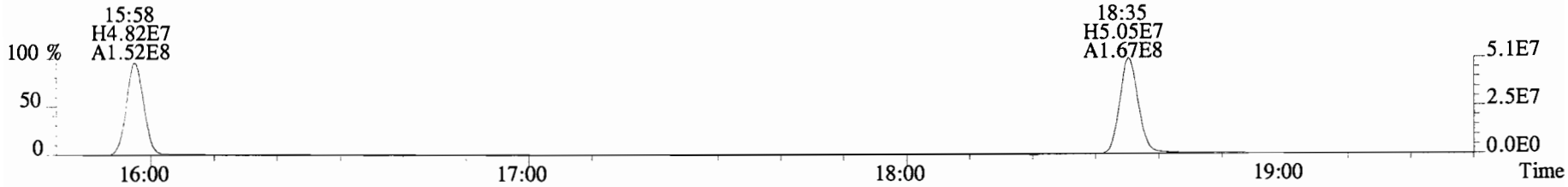
File:180409E1 #1-866 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7548.0,0.00%,F,F)



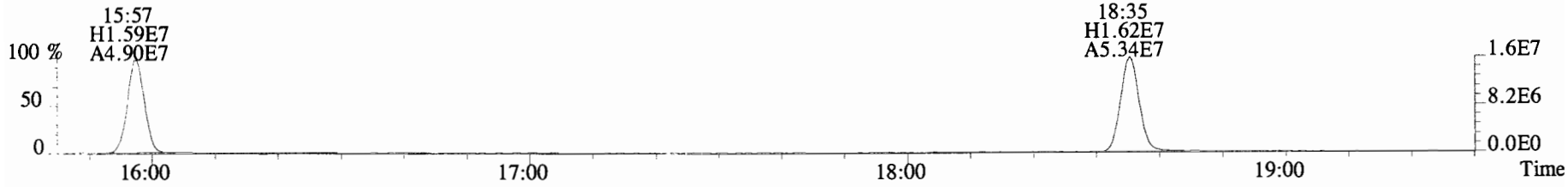
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4668.0,0.00%,F,F)



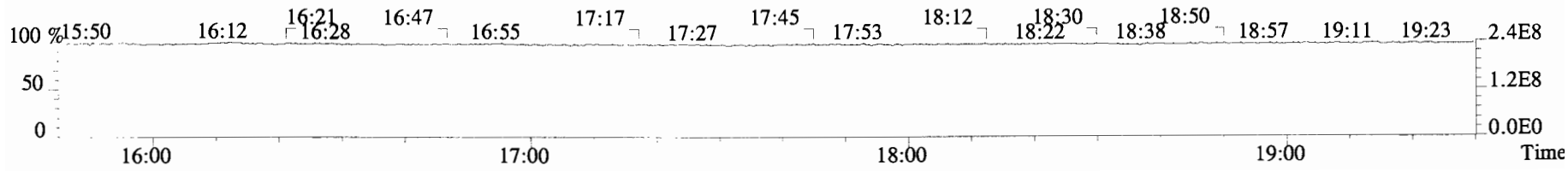
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7932.0,0.00%,F,F)



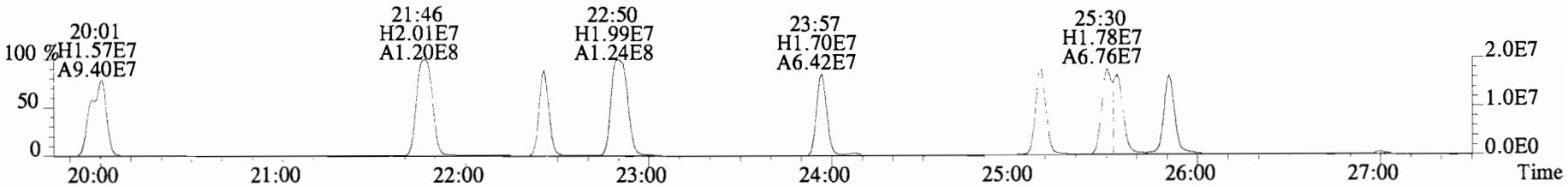
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63688.0,0.00%,F,F)



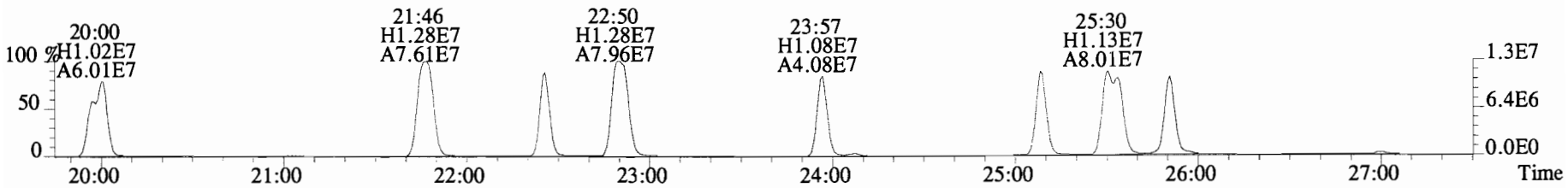
180.9880



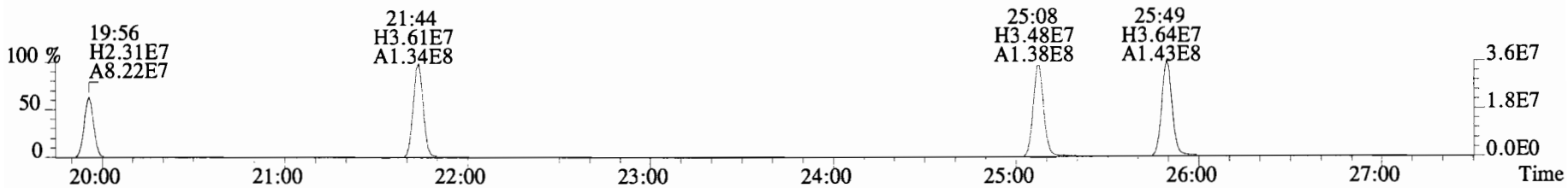
File:180409E1 #1-757 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12660.0,0.00%,F,F)



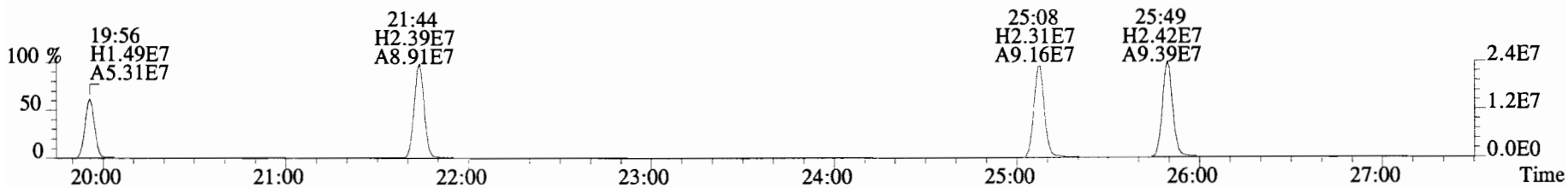
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33228.0,0.00%,F,F)



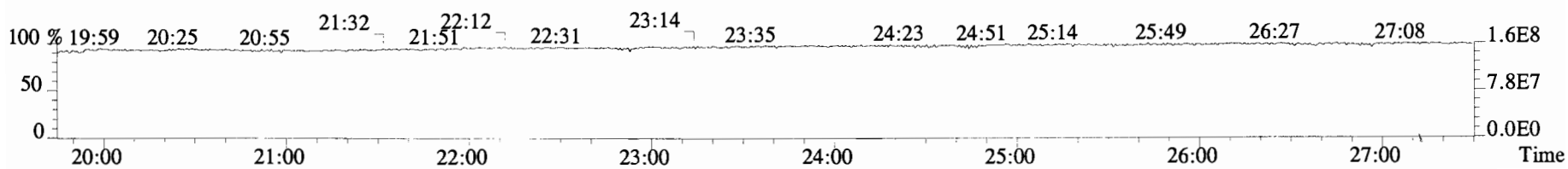
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5936.0,0.00%,F,F)



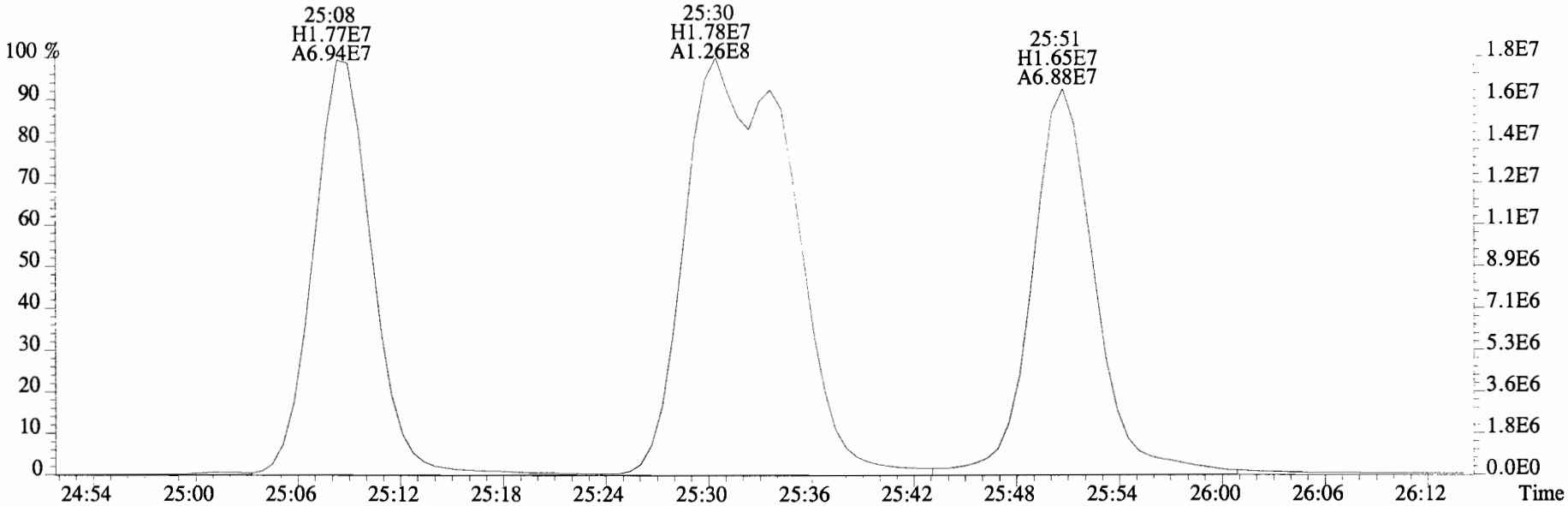
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4760.0,0.00%,F,F)



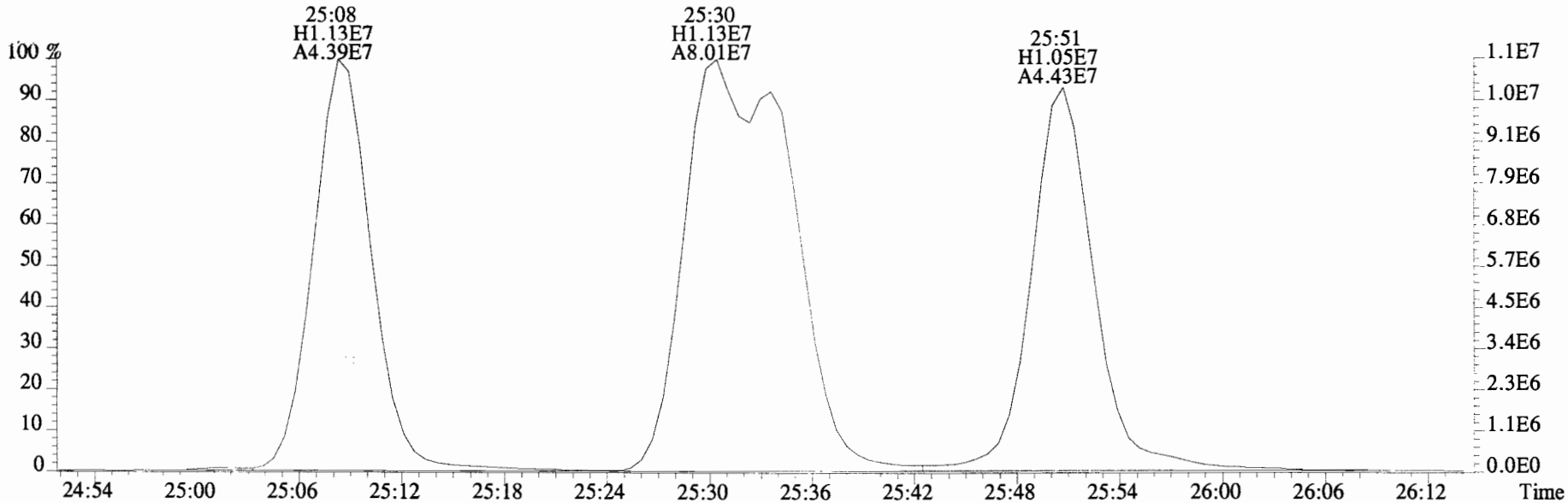
230.9856 F:2



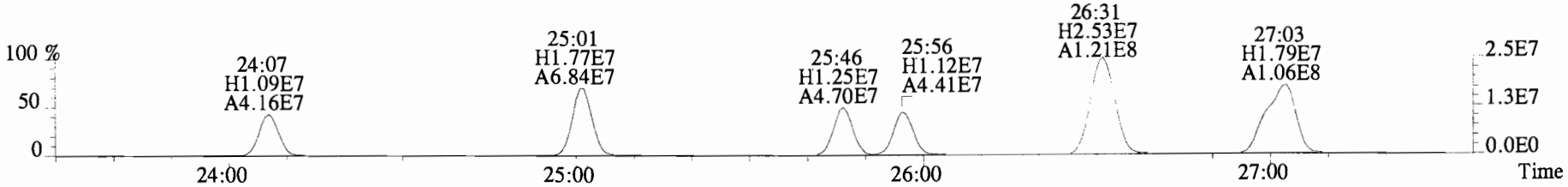
File:180409E1 #1-757 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12660.0,0.00%,F,F)



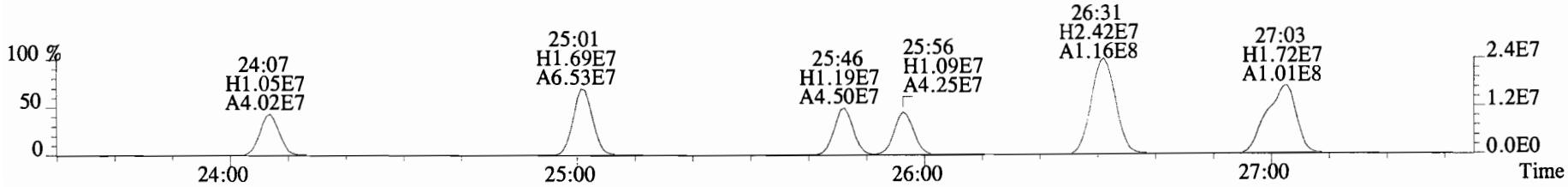
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33228.0,0.00%,F,F)



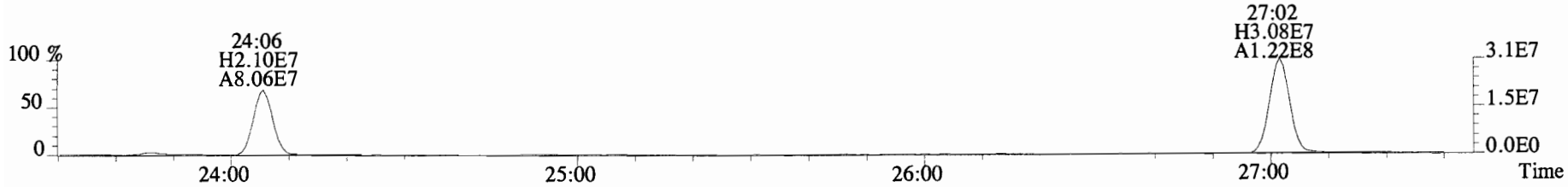
File:180409E1 #1-757 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3316.0,0.00%,F,F)



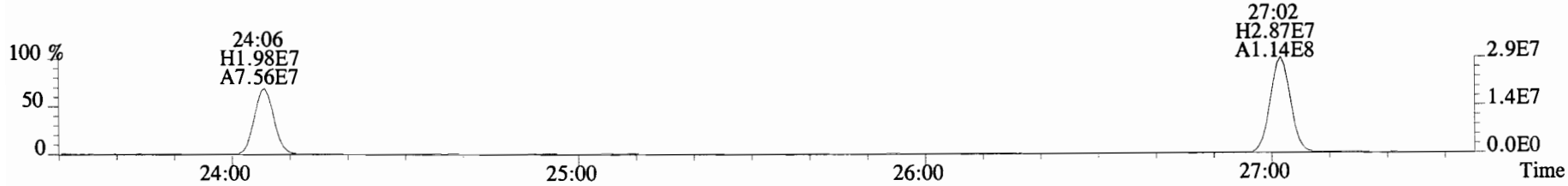
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2148.0,0.00%,F,F)



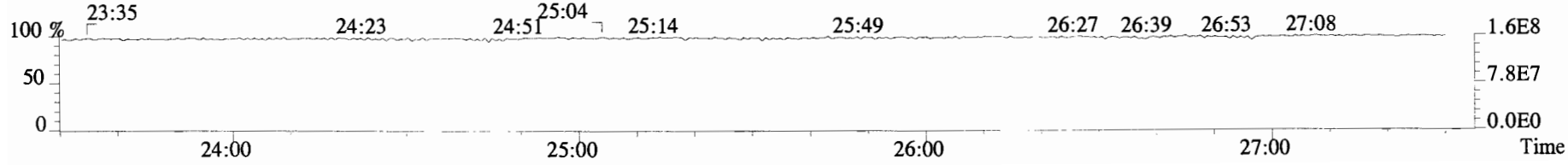
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124212.0,0.00%,F,F)



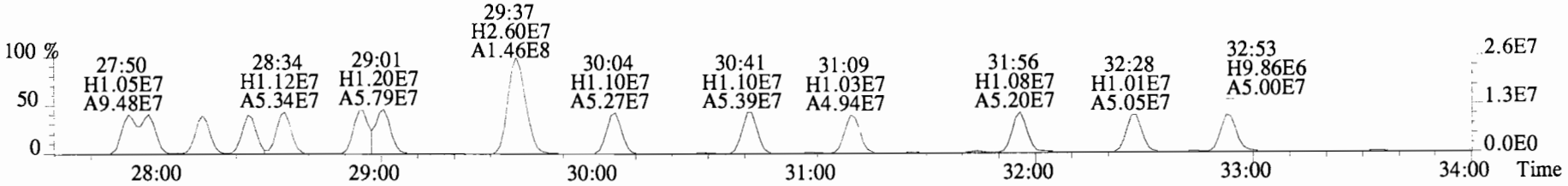
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,85476.0,0.00%,F,F)



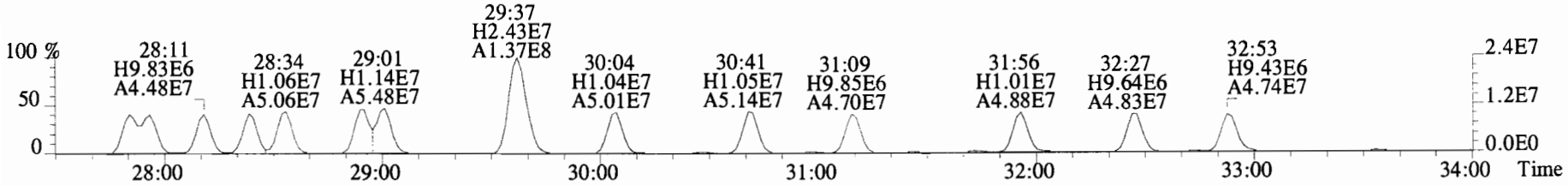
230.9856 F:2



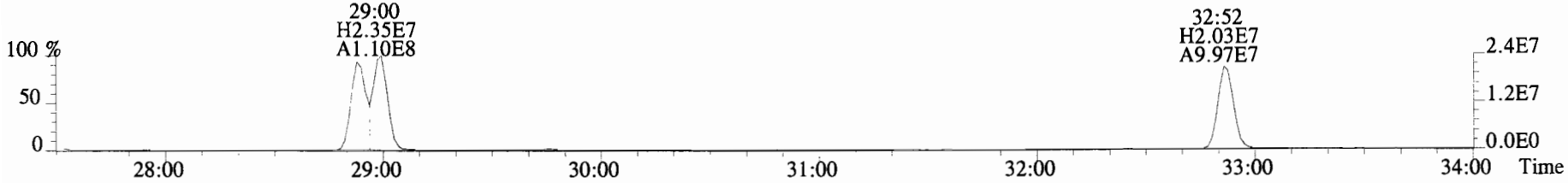
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33828.0,0.00%,F,F)



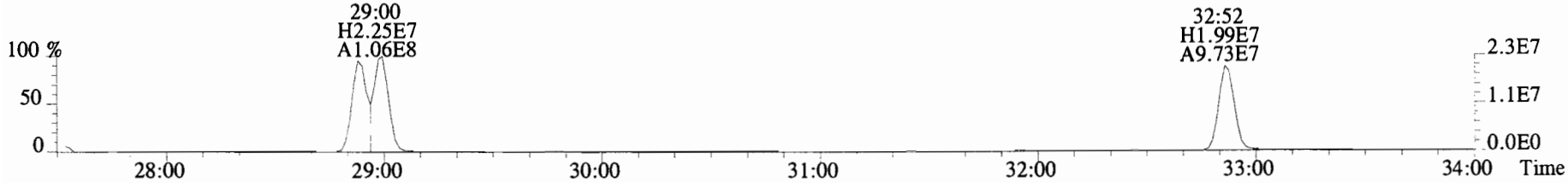
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26428.0,0.00%,F,F)



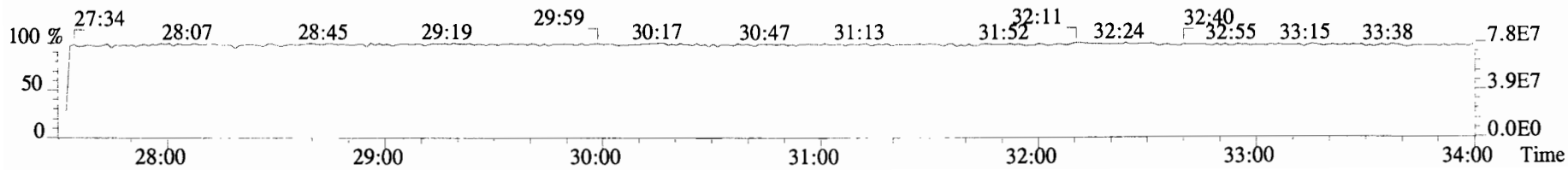
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84900.0,0.00%,F,F)



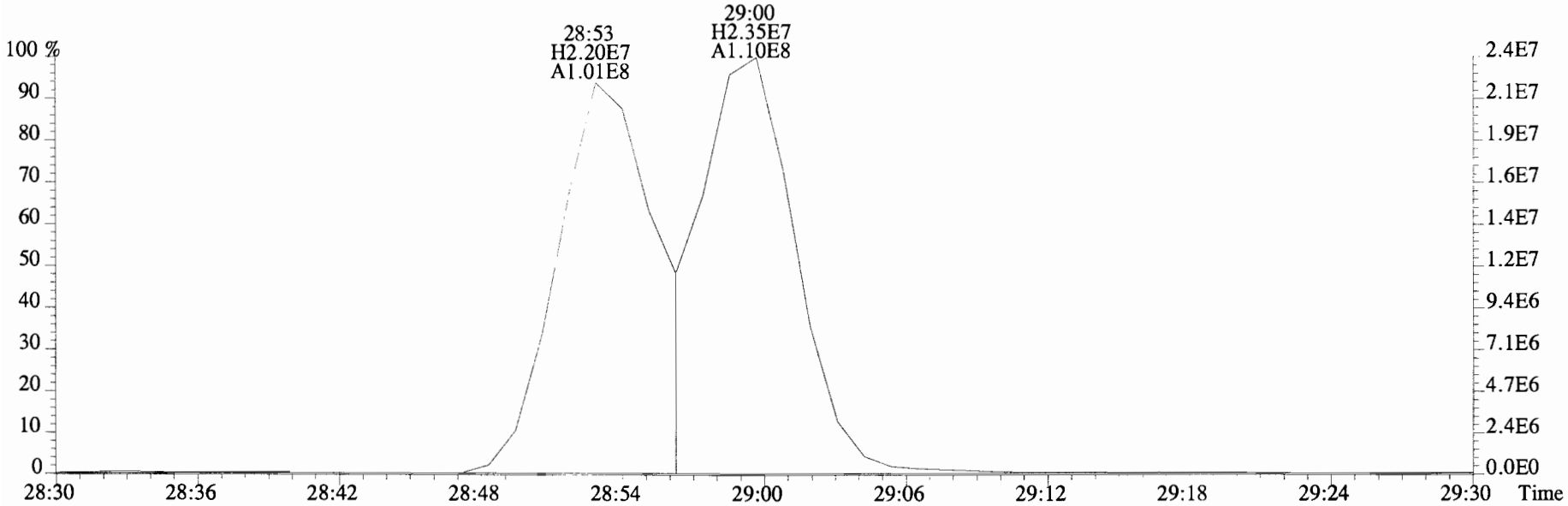
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57180.0,0.00%,F,F)



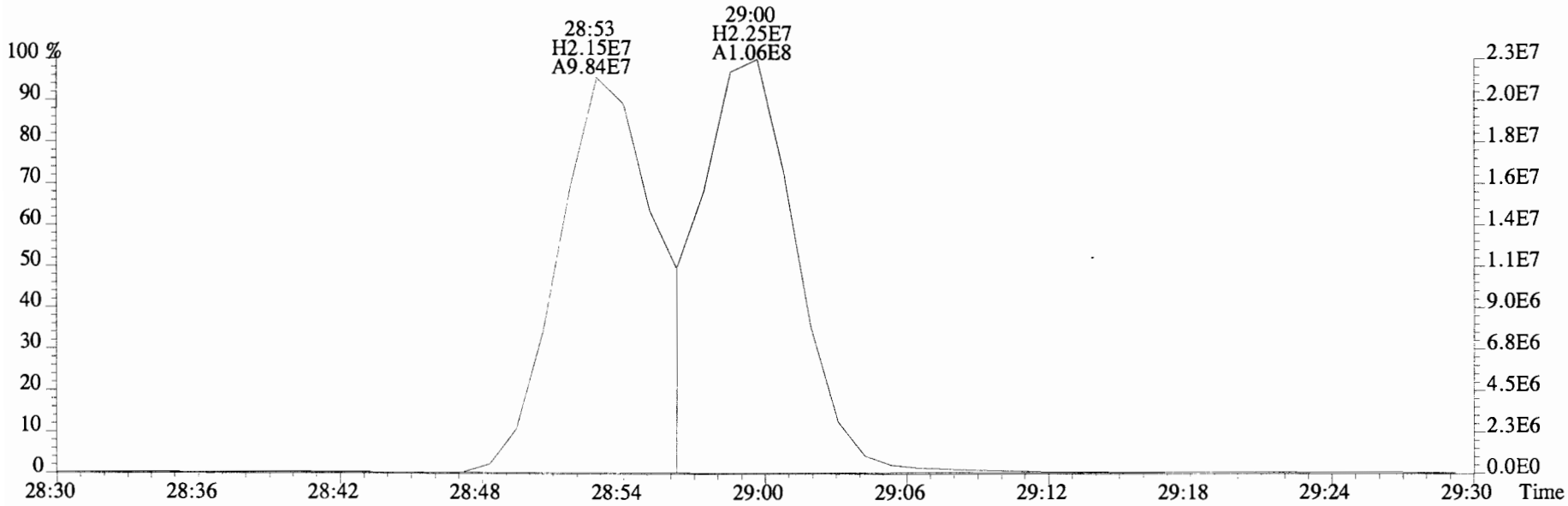
330.9792 F:3



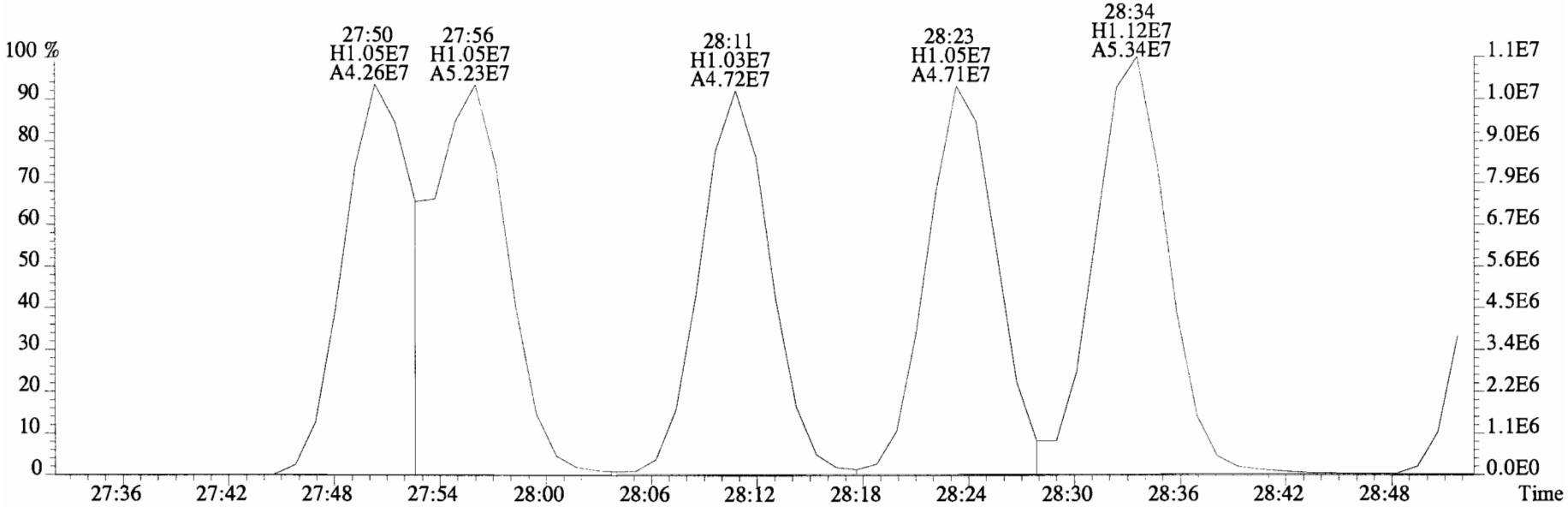
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,84900.0,0.00%,F,F)



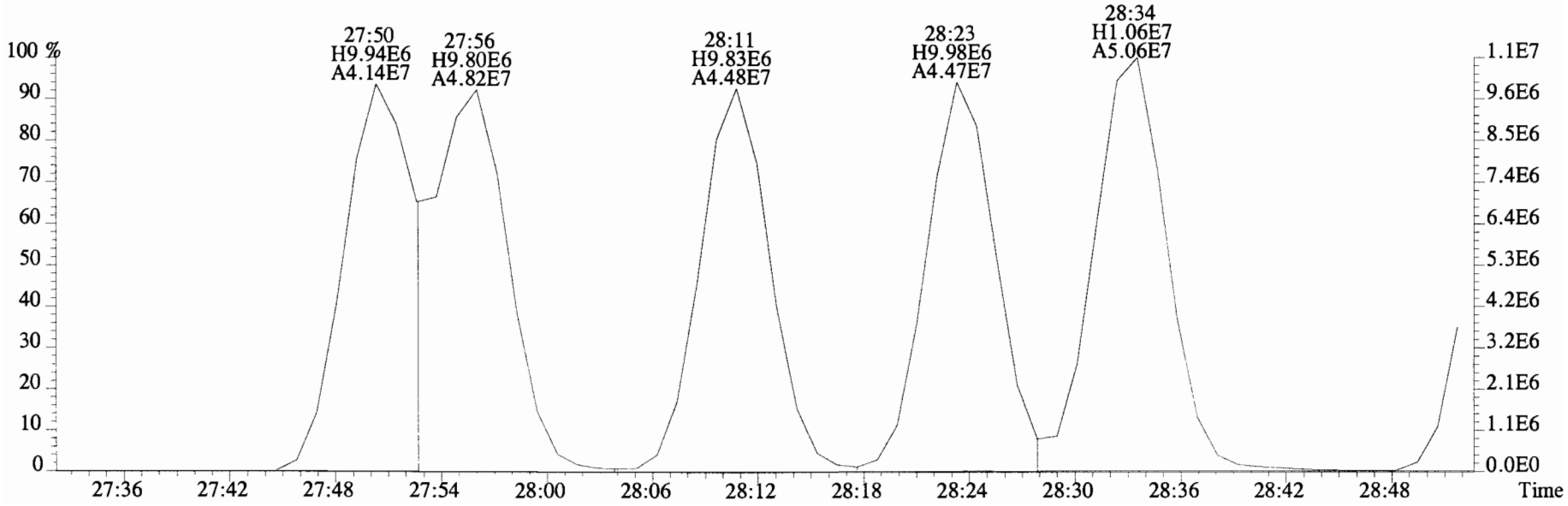
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57180.0,0.00%,F,F)



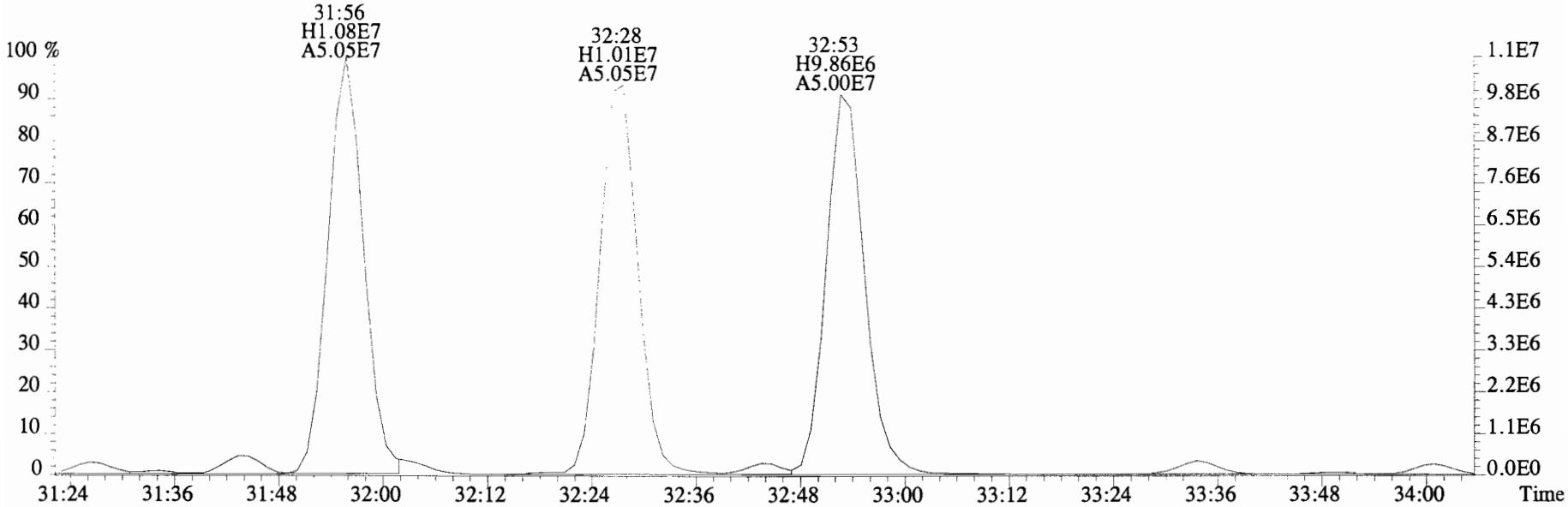
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33828.0,0.00%,F,F)



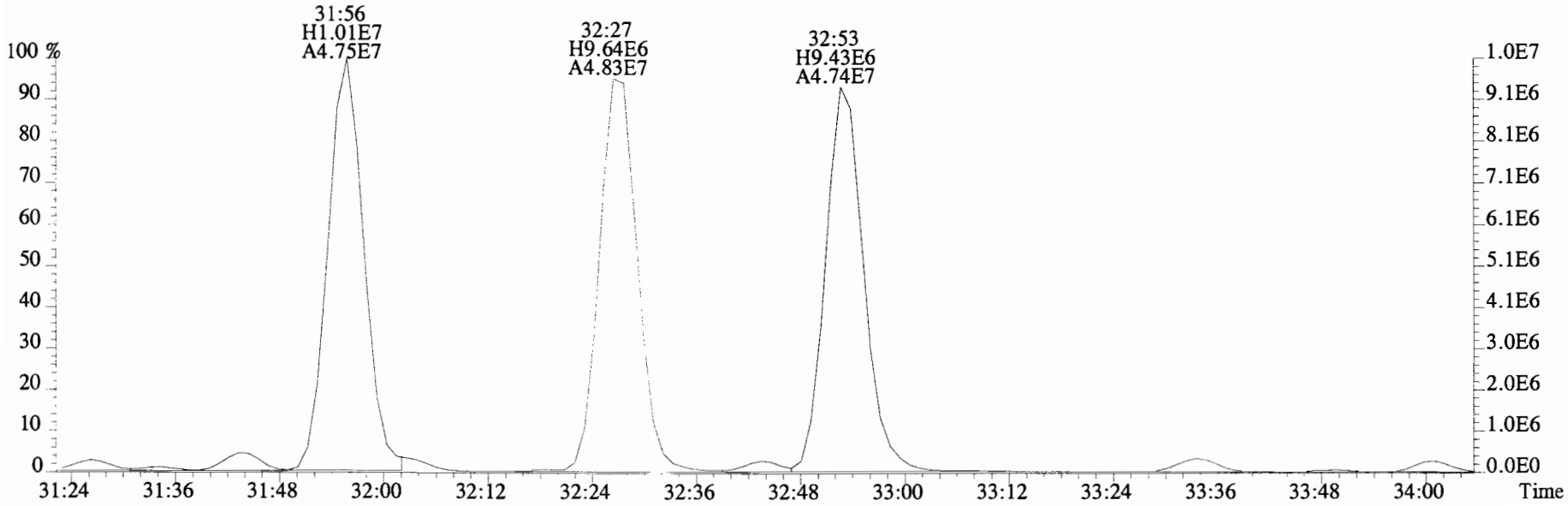
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26428.0,0.00%,F,F)



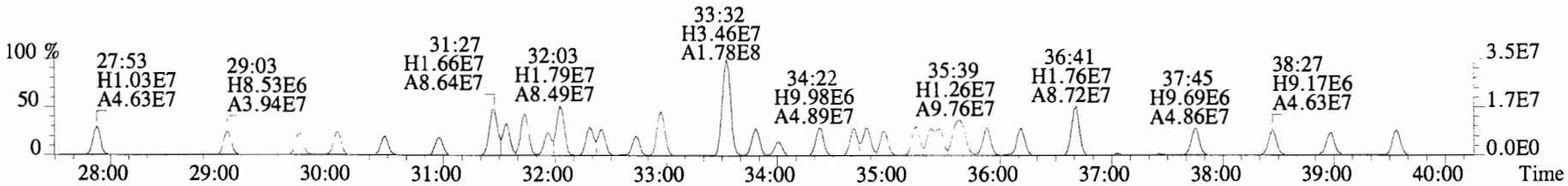
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33828.0,0.00%,F,F)



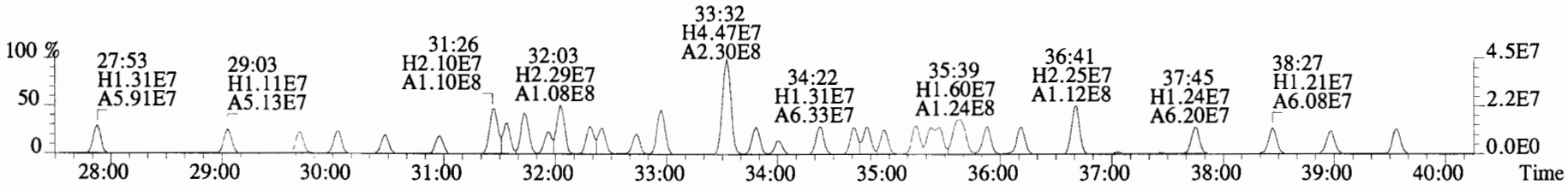
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26428.0,0.00%,F,F)



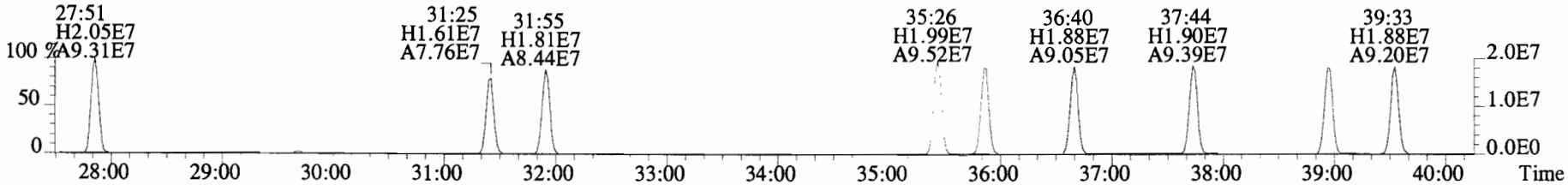
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29736.0,0.00%,F,F)



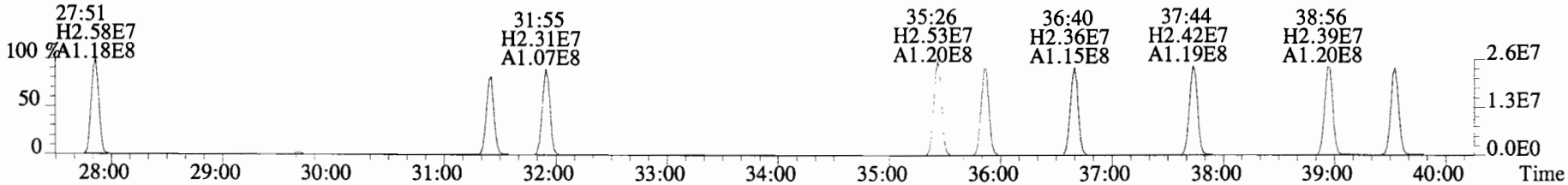
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38972.0,0.00%,F,F)



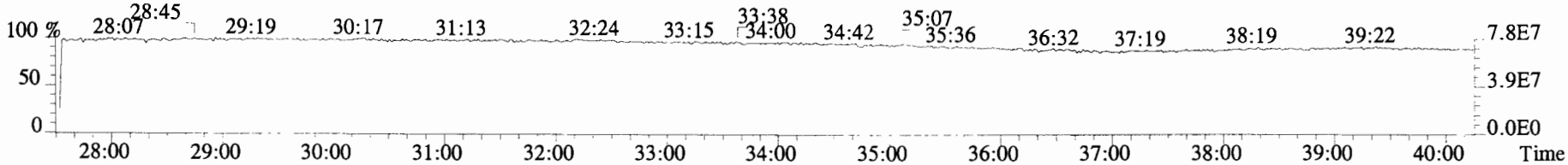
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33944.0,0.00%,F,F)



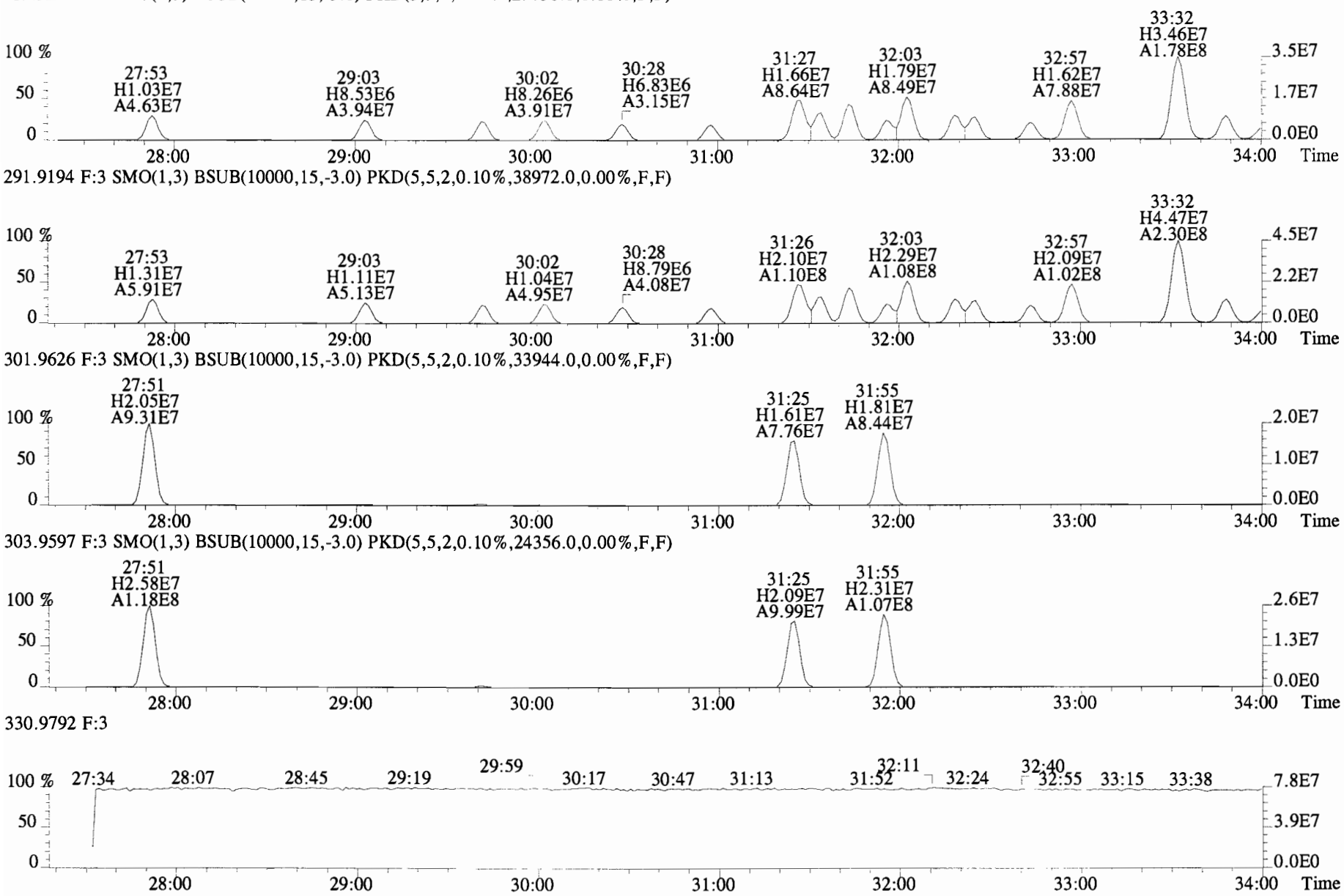
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24356.0,0.00%,F,F)



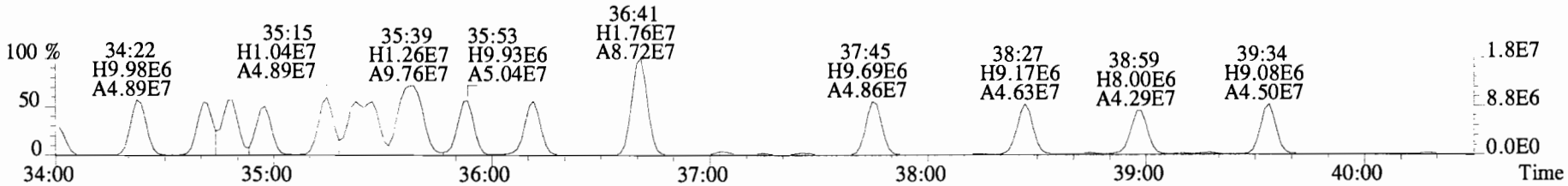
330.9792 F:3



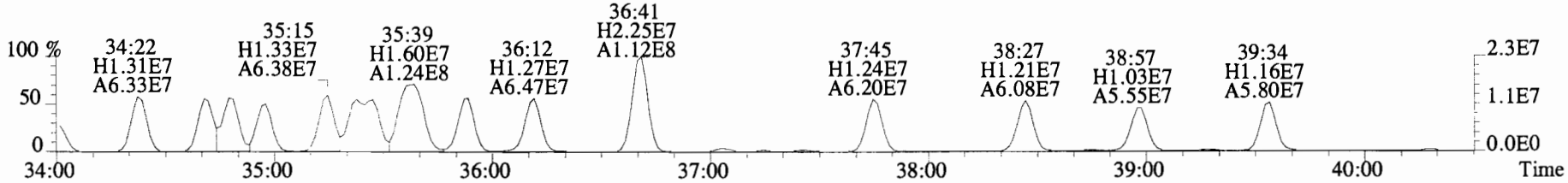
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1



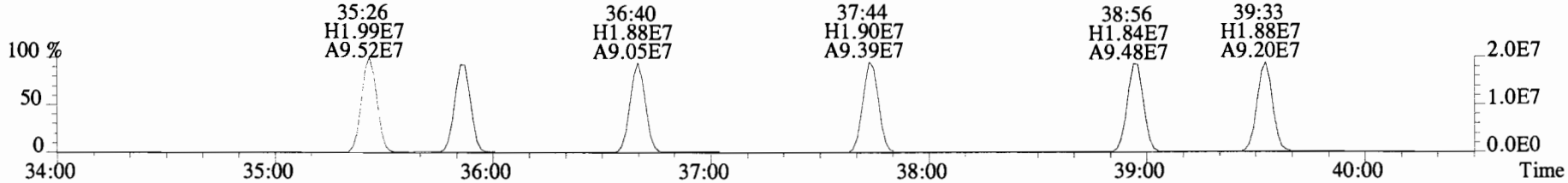
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29736.0,0.00%,F,F)



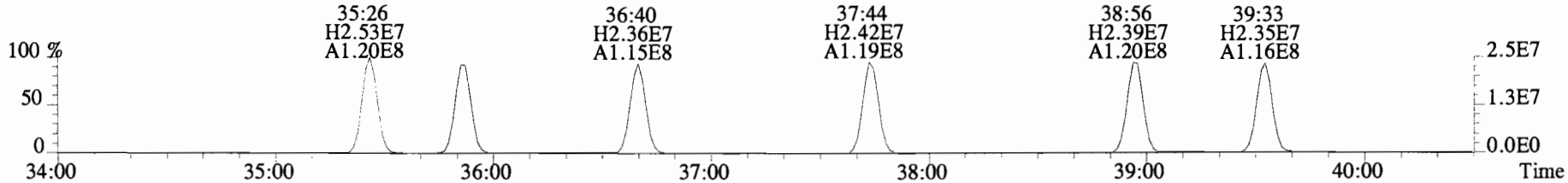
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38972.0,0.00%,F,F)



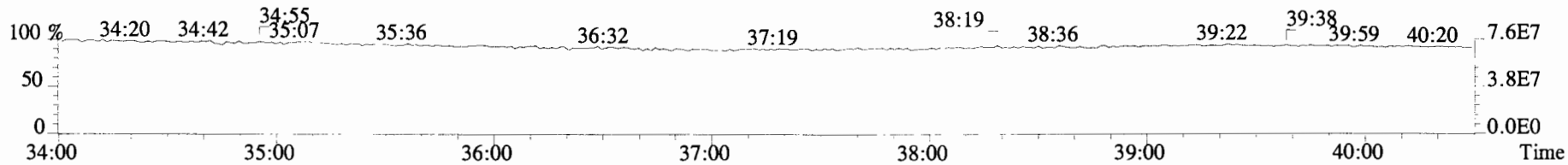
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33944.0,0.00%,F,F)



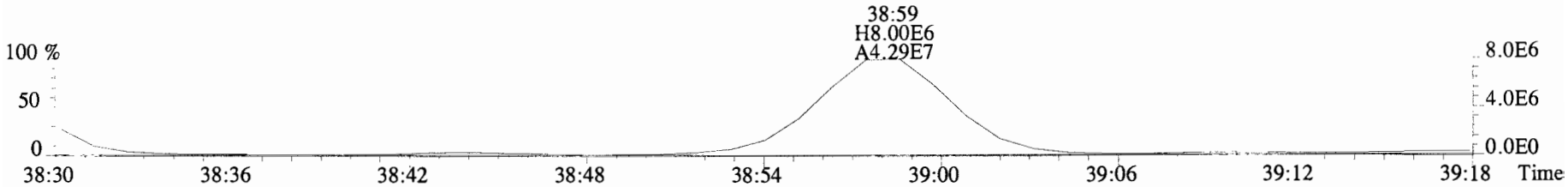
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24356.0,0.00%,F,F)



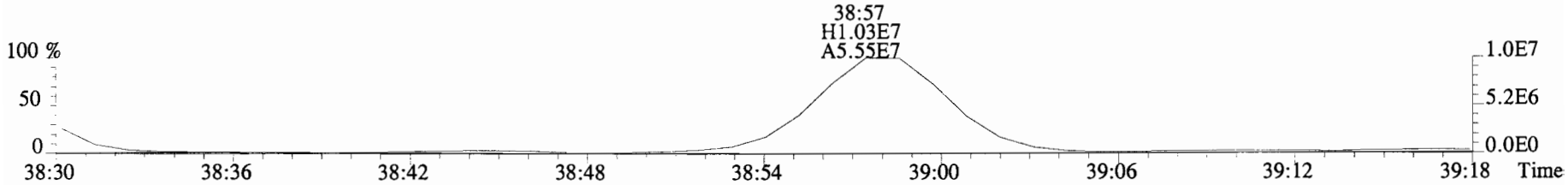
330.9792 F:3



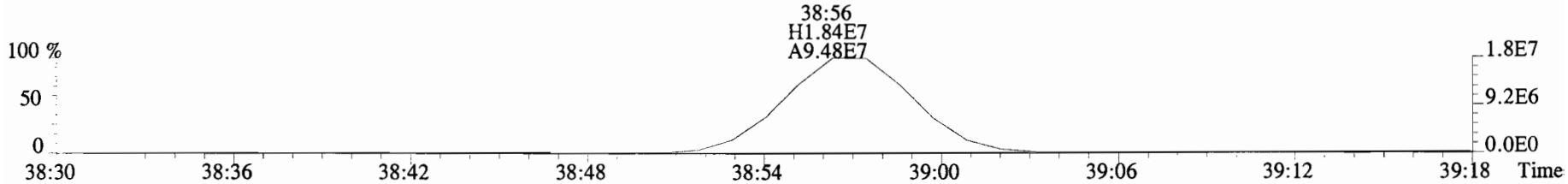
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29736.0,0.00%,F,F)



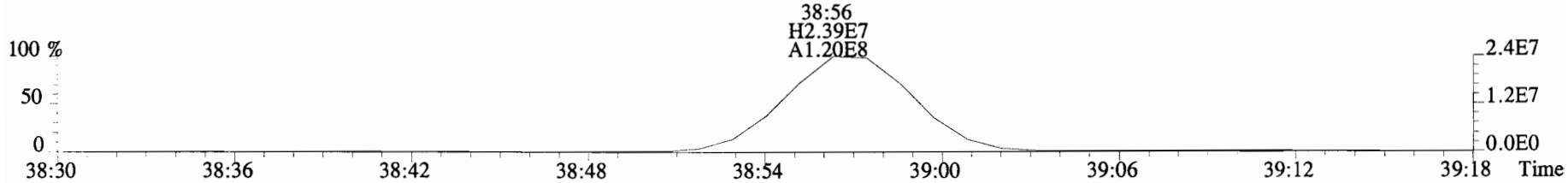
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38972.0,0.00%,F,F)



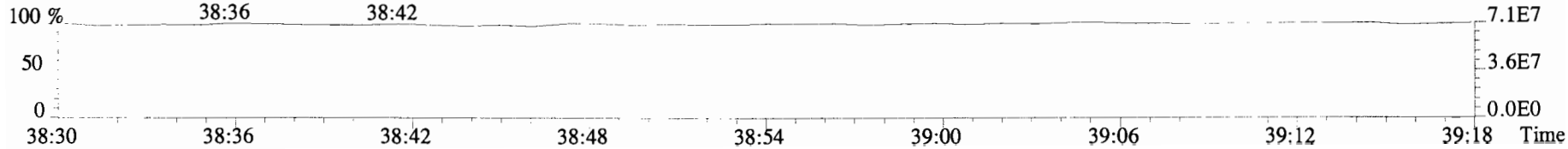
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33944.0,0.00%,F,F)



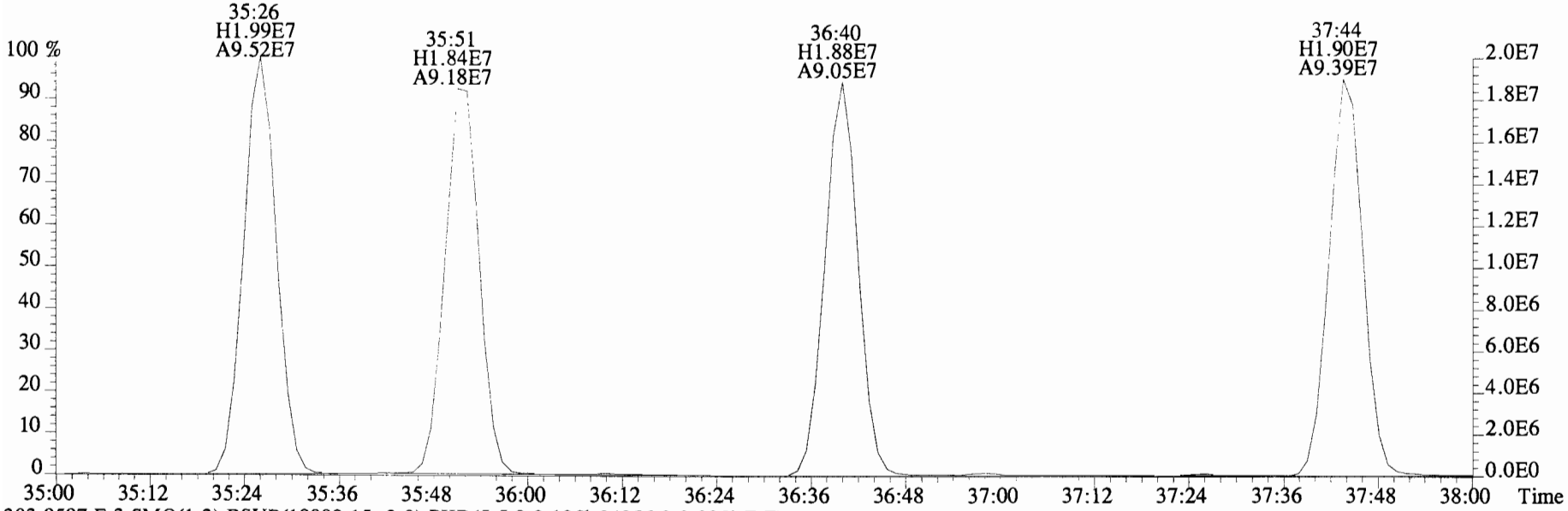
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24356.0,0.00%,F,F)



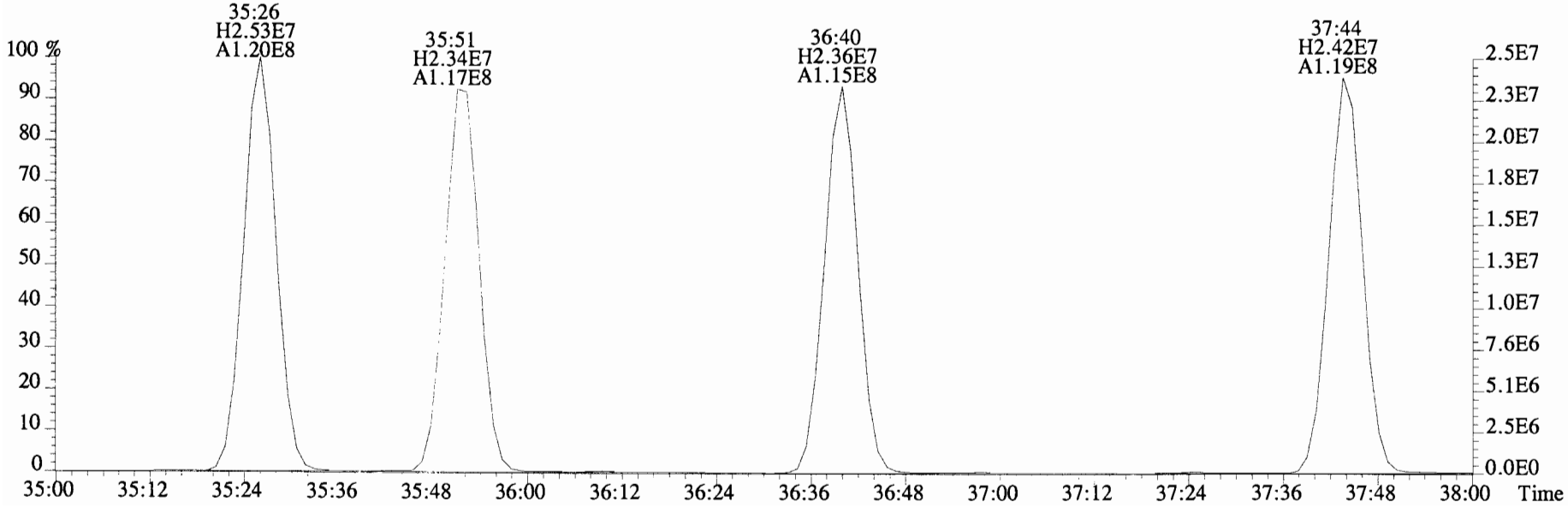
330.9792 F:3



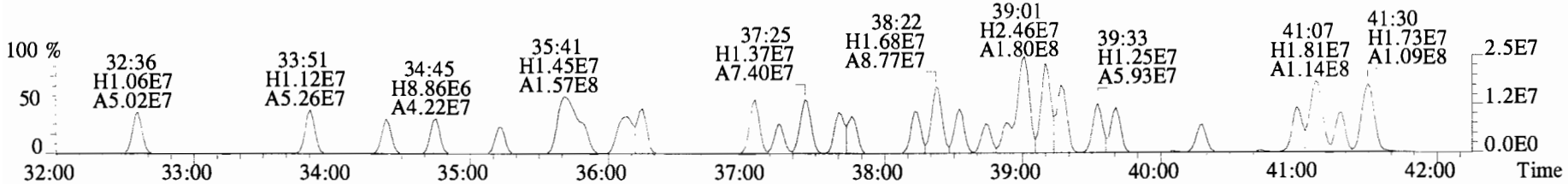
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33944.0,0.00%,F,F)



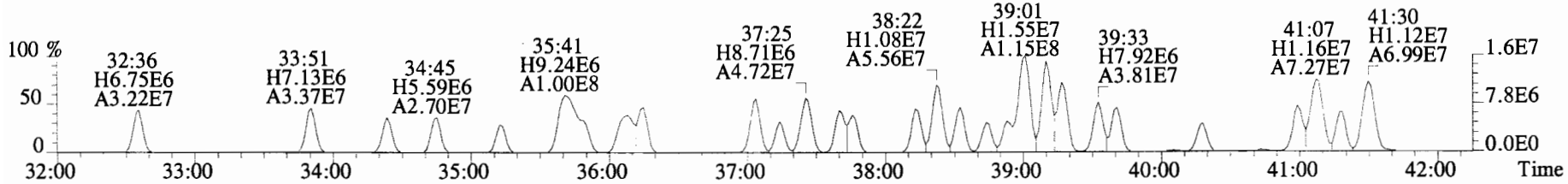
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24356.0,0.00%,F,F)



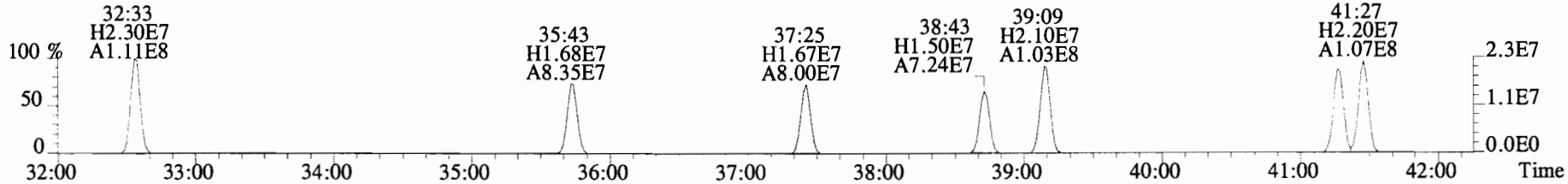
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1436.0,0.00%,F,F)



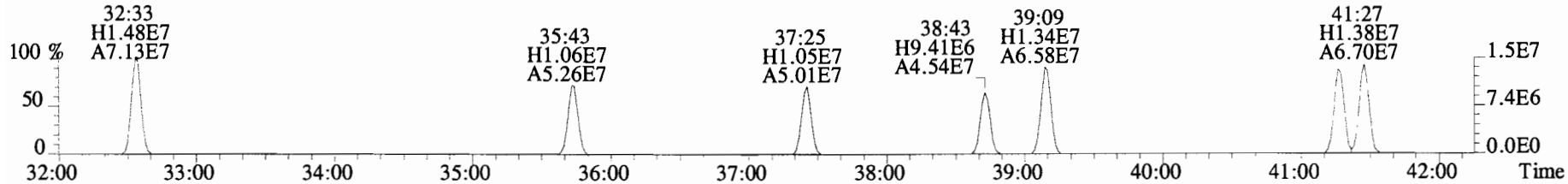
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



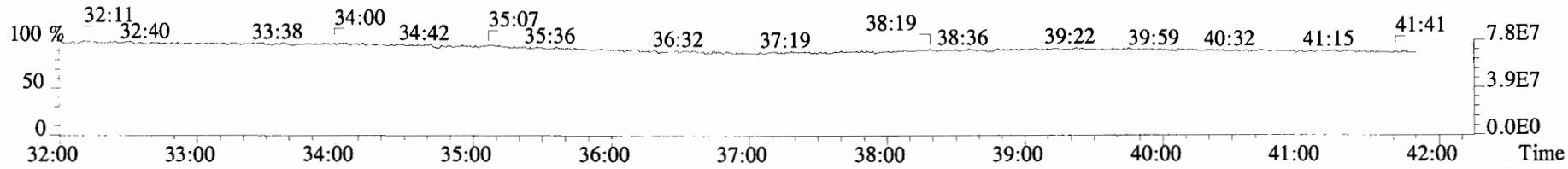
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5052.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3404.0,0.00%,F,F)

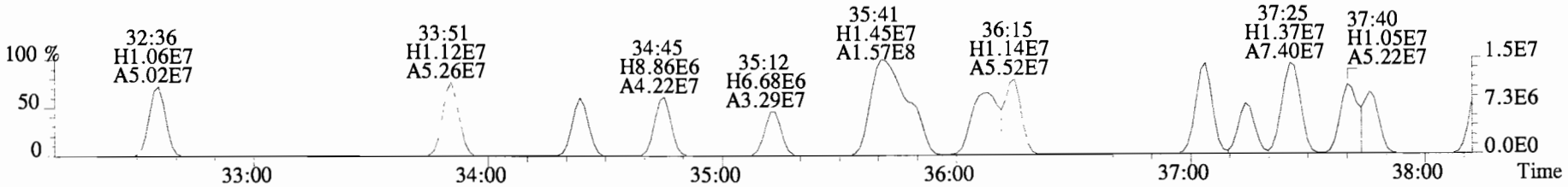


330.9792 F:3

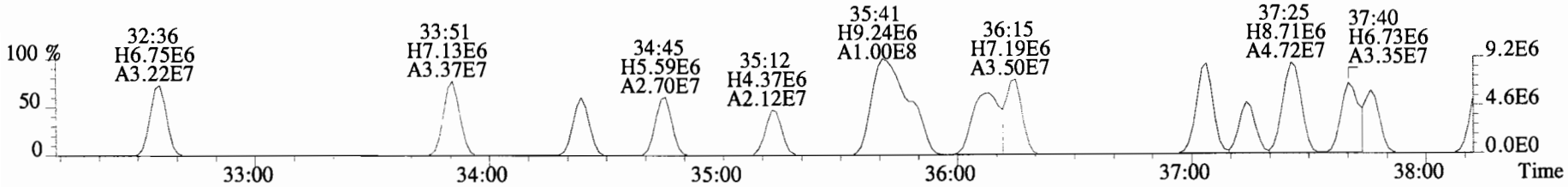


File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

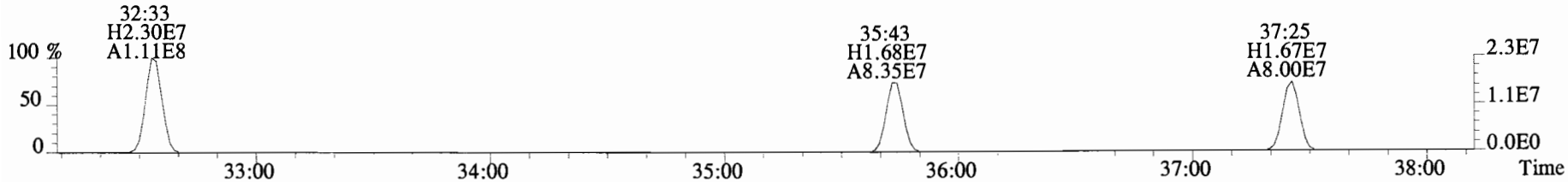
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1436.0,0.00%,F,F)



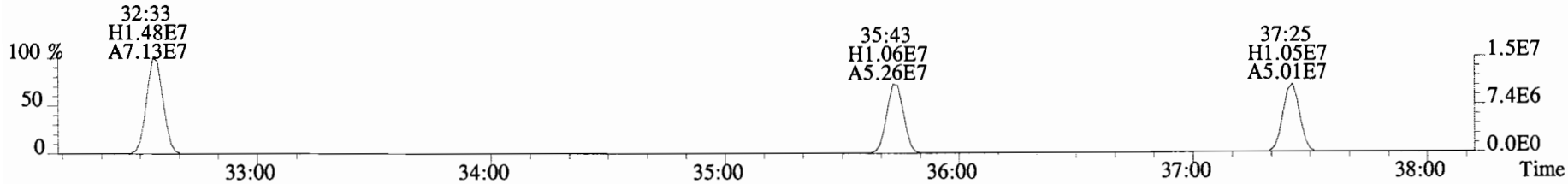
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



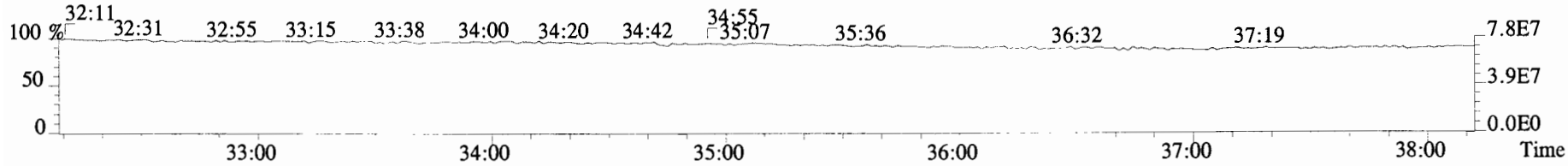
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5052.0,0.00%,F,F)



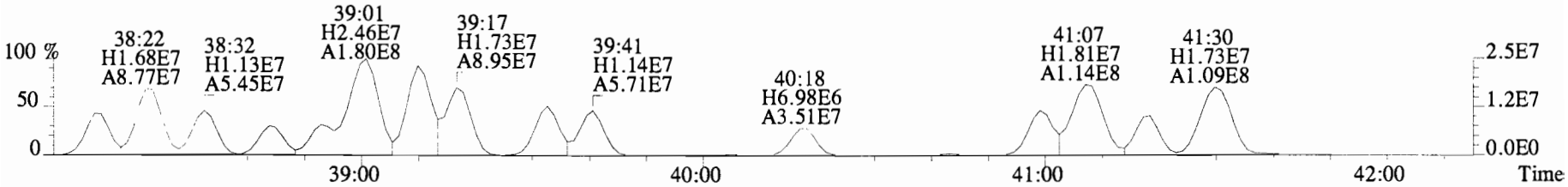
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3404.0,0.00%,F,F)



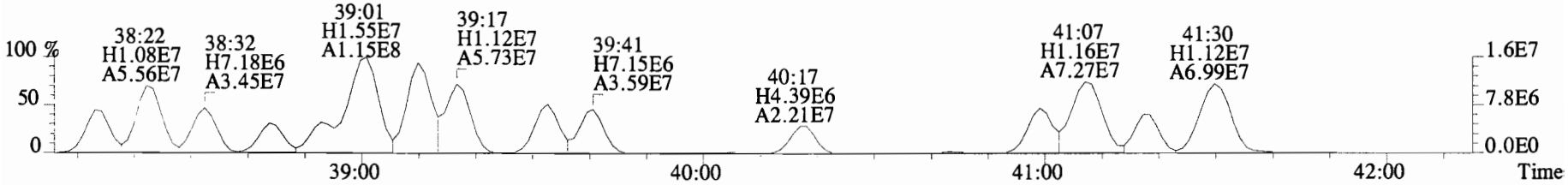
330.9792 F:3



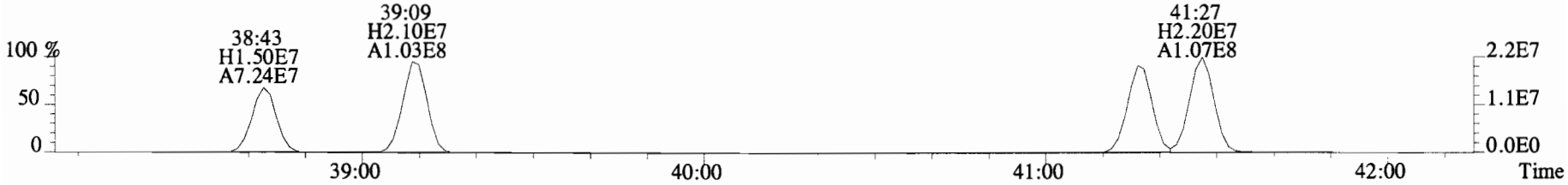
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1436.0,0.00%,F,F)



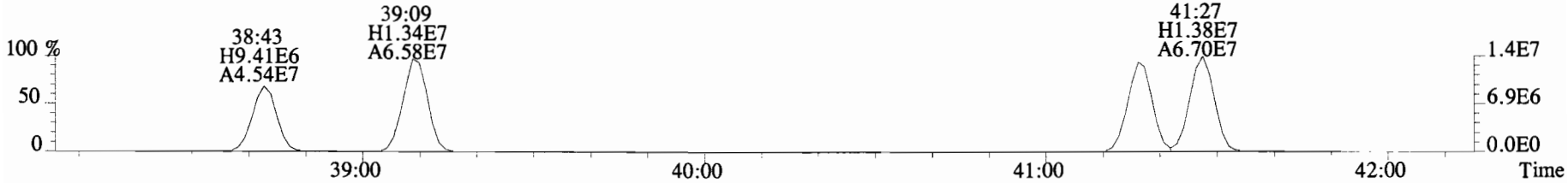
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



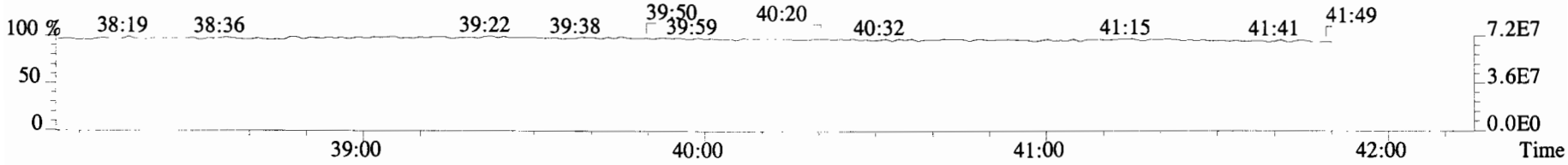
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5052.0,0.00%,F,F)



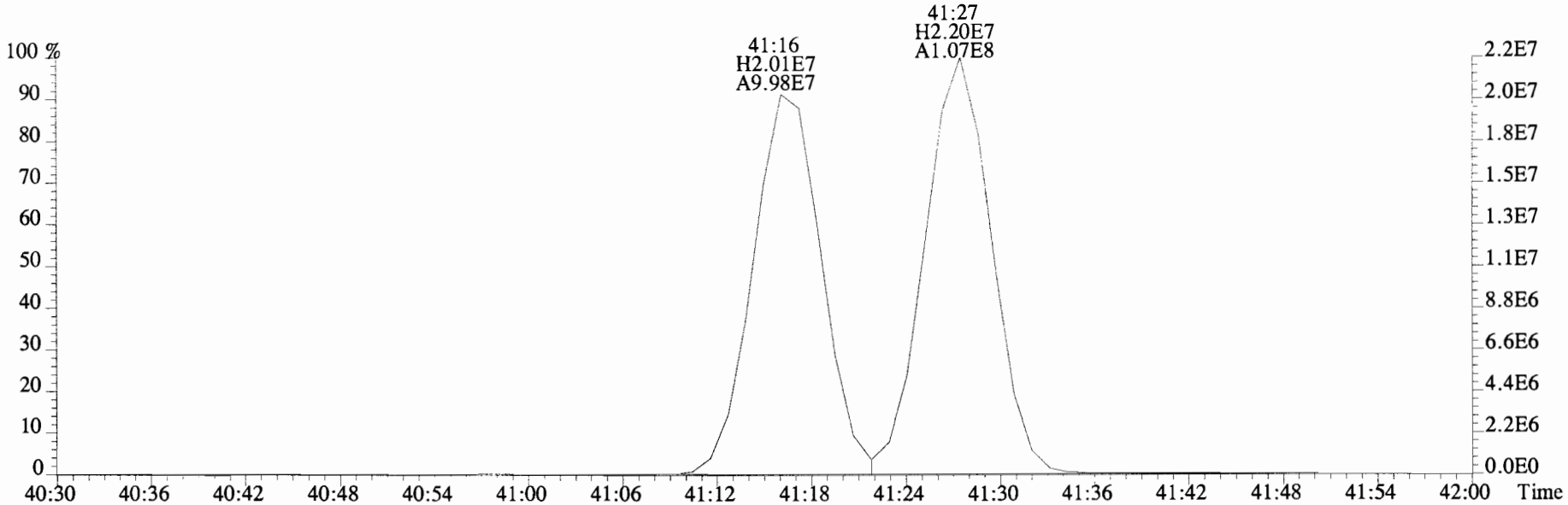
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3404.0,0.00%,F,F)



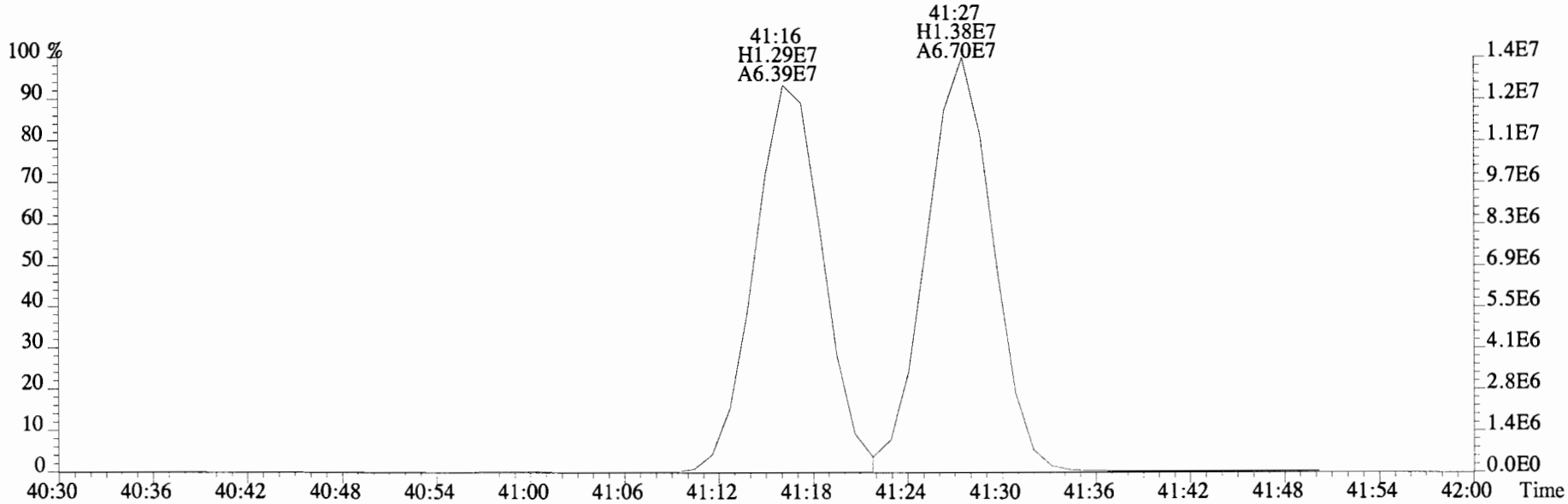
330.9792 F:3



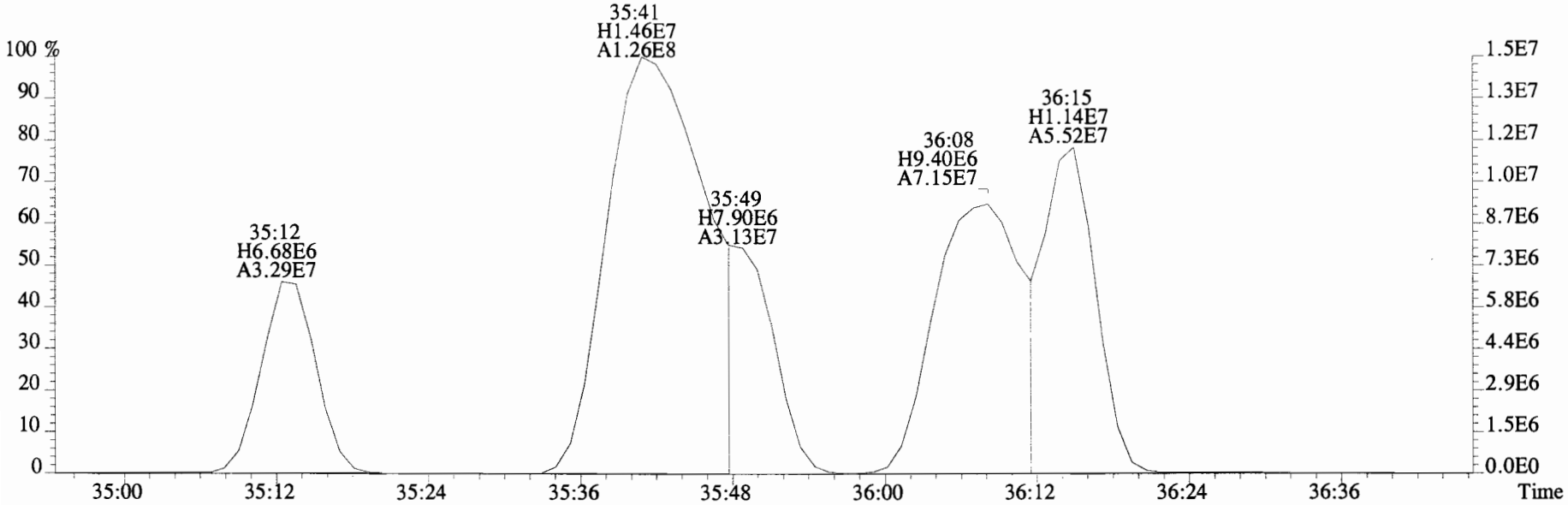
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5052.0,0.00%,F,F)



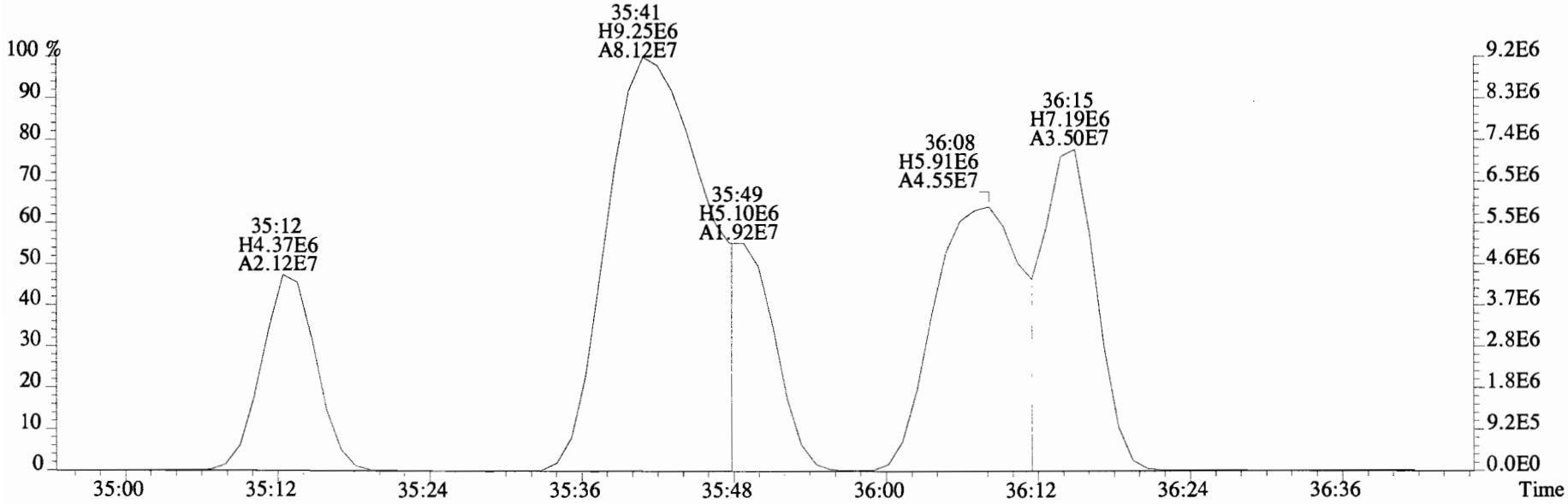
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3404.0,0.00%,F,F)



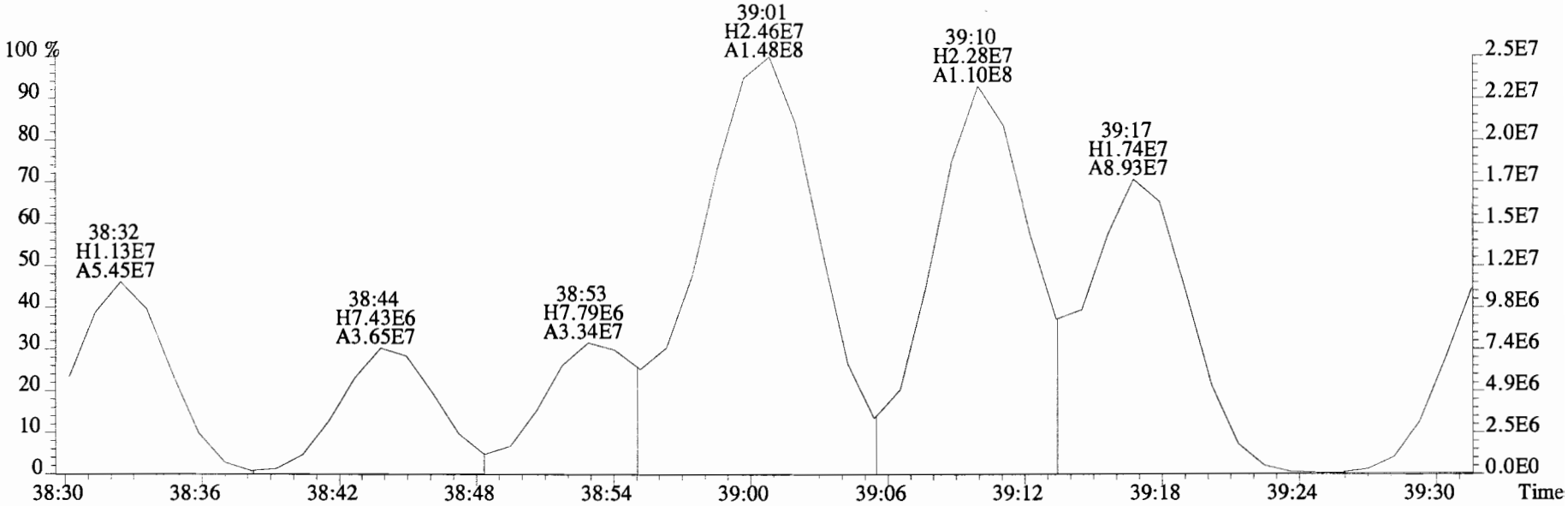
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1436.0,0.00%,F,F)



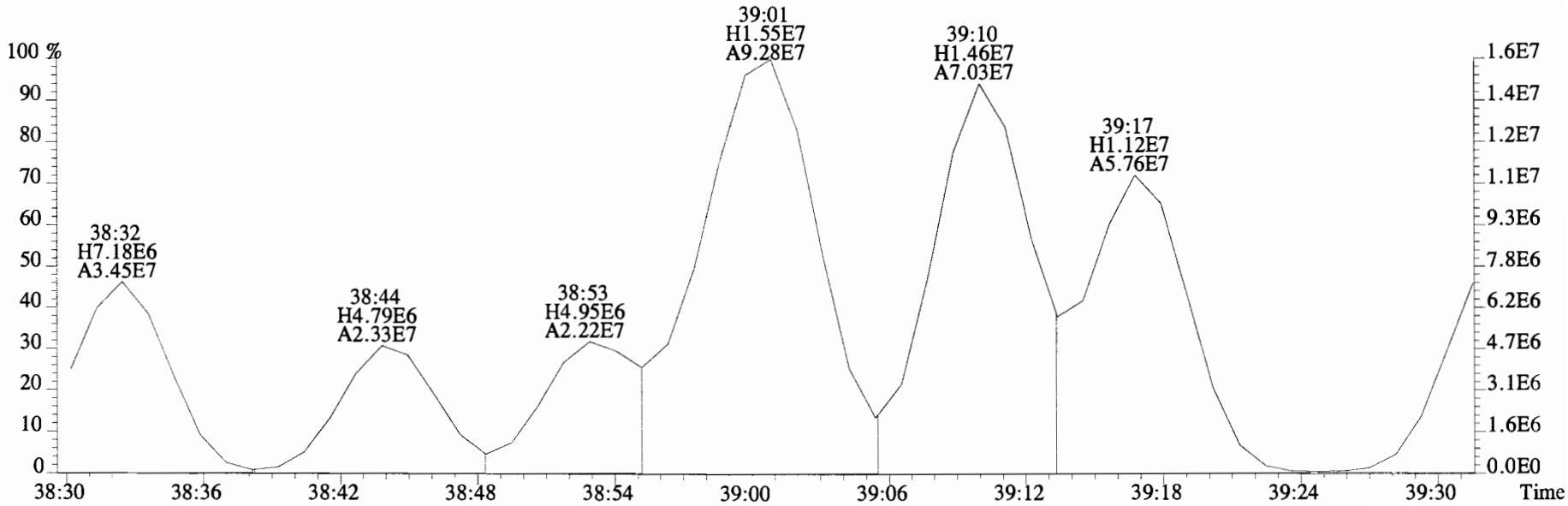
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



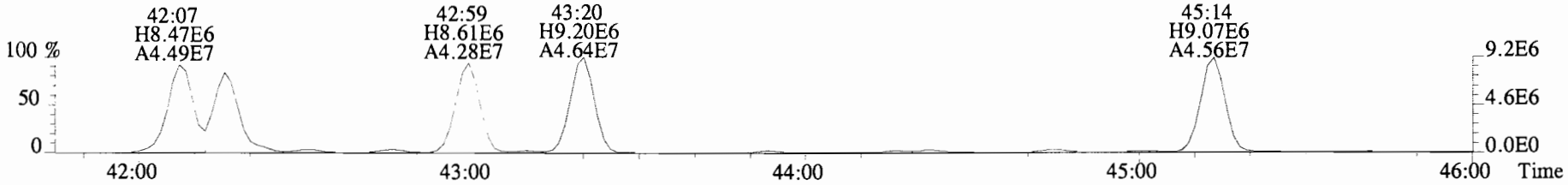
File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1436.0,0.00%,F,F)



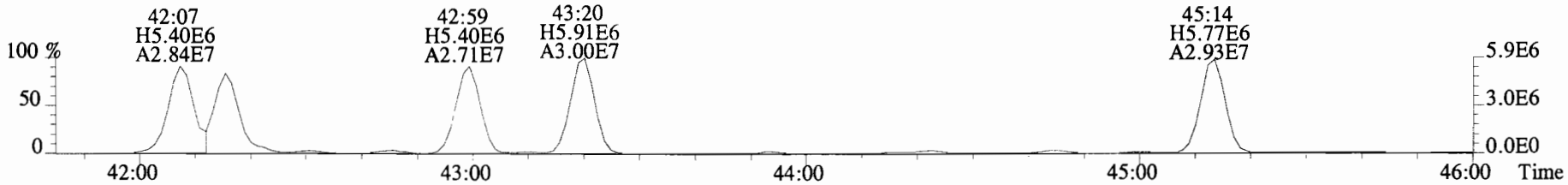
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



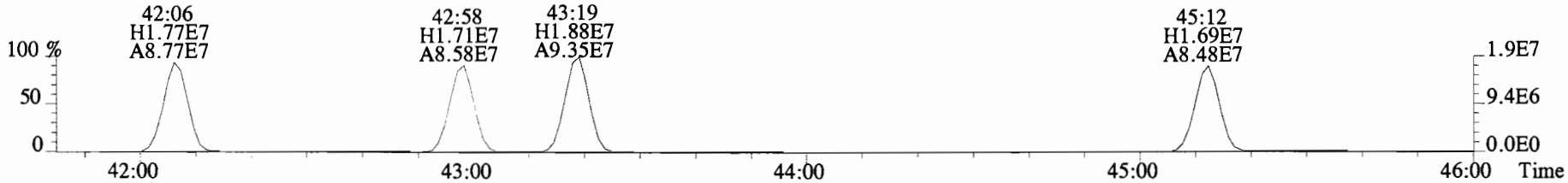
File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4468.0,0.00%,F,F)



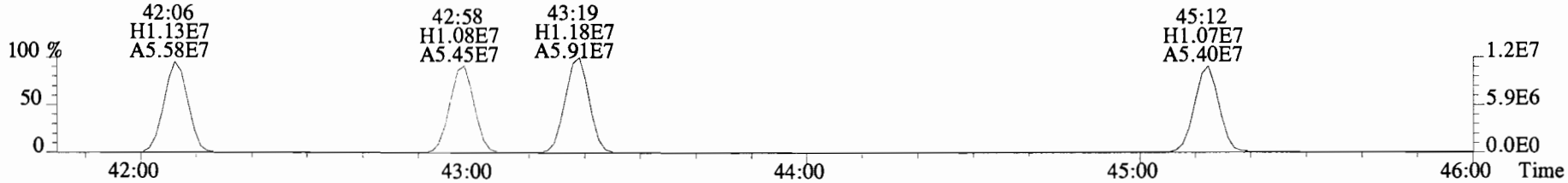
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4208.0,0.00%,F,F)



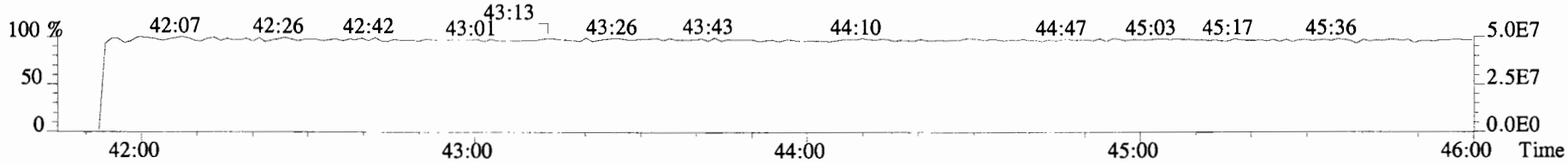
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6684.0,0.00%,F,F)



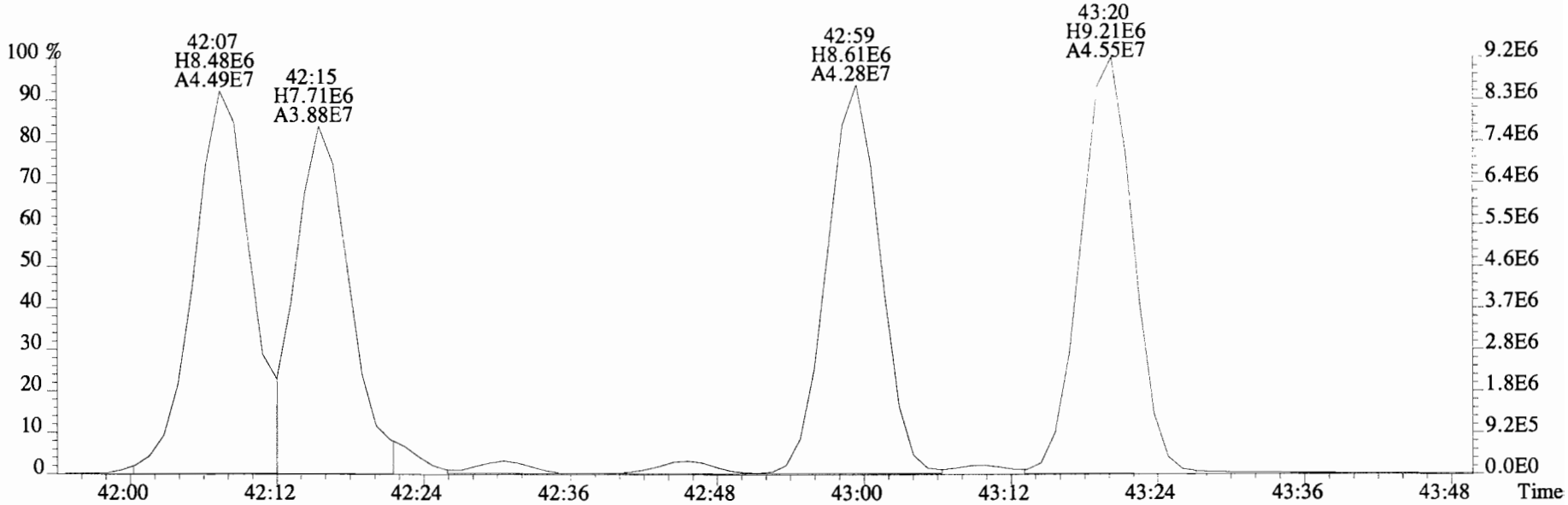
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4432.0,0.00%,F,F)



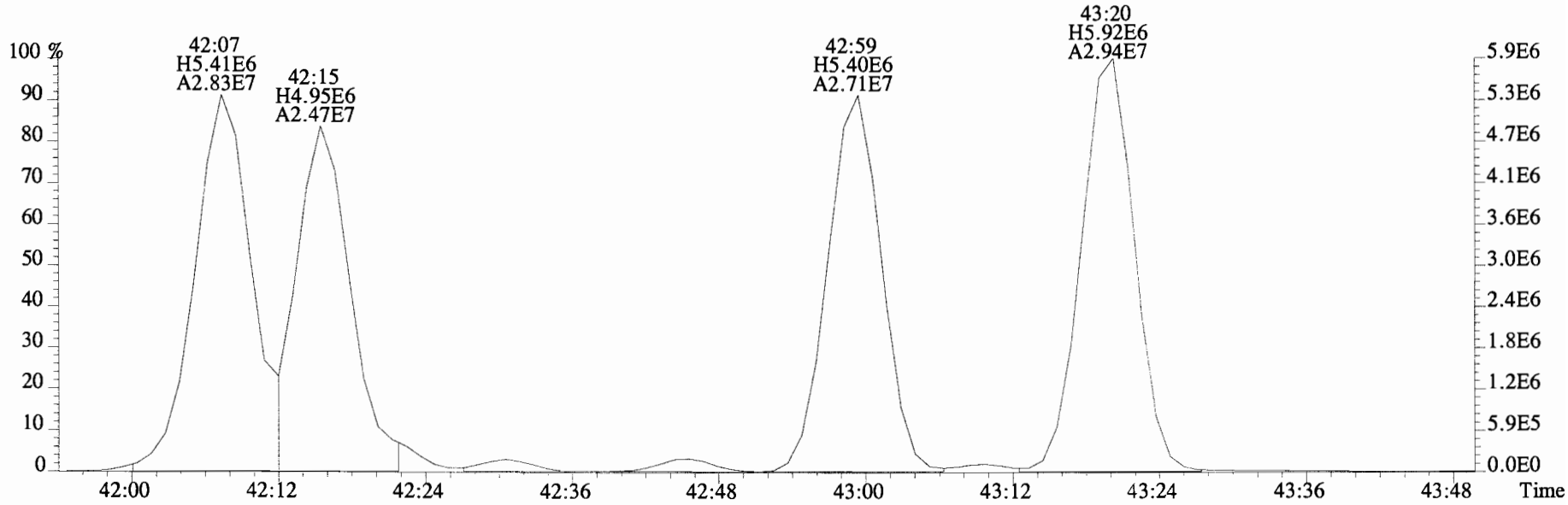
380.9760 F:4



File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4468.0,0.00%,F,F)

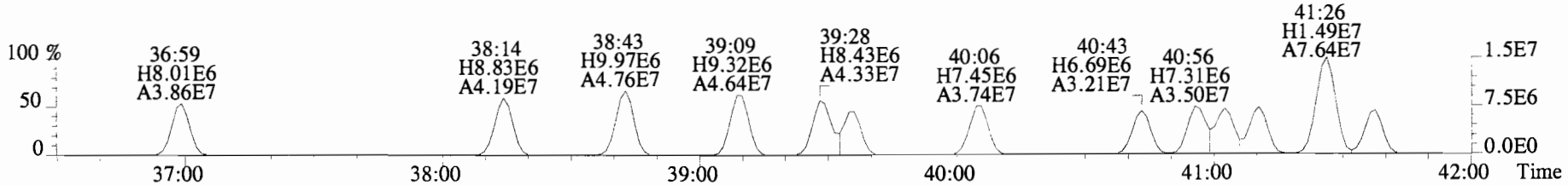


327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4208.0,0.00%,F,F)

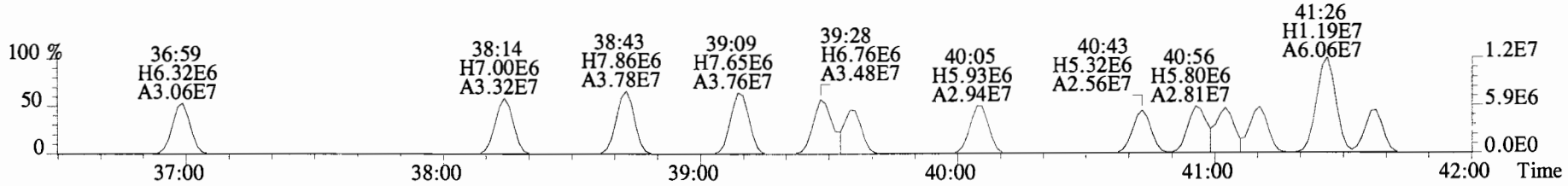


File:180409E1 #1-756 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

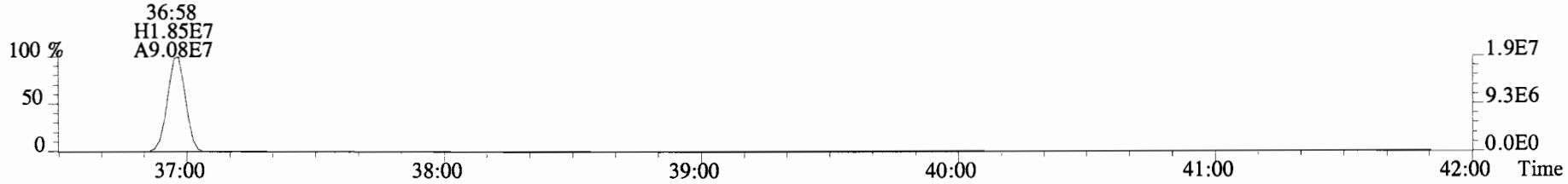
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



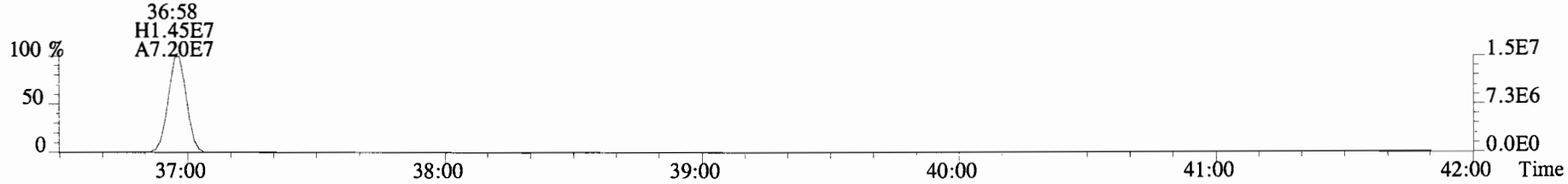
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1892.0,0.00%,F,F)



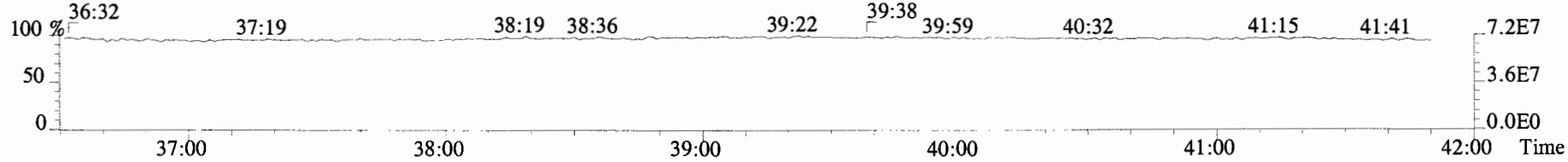
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2180.0,0.00%,F,F)



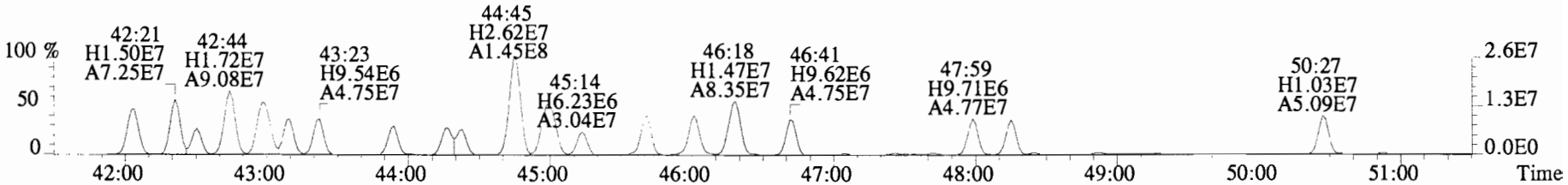
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2332.0,0.00%,F,F)



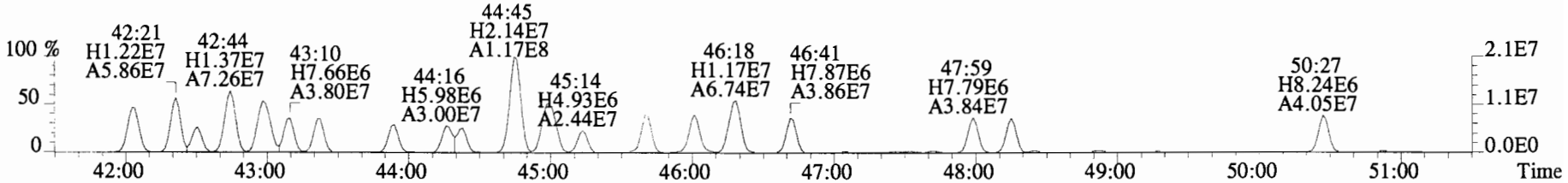
330.9792 F:3



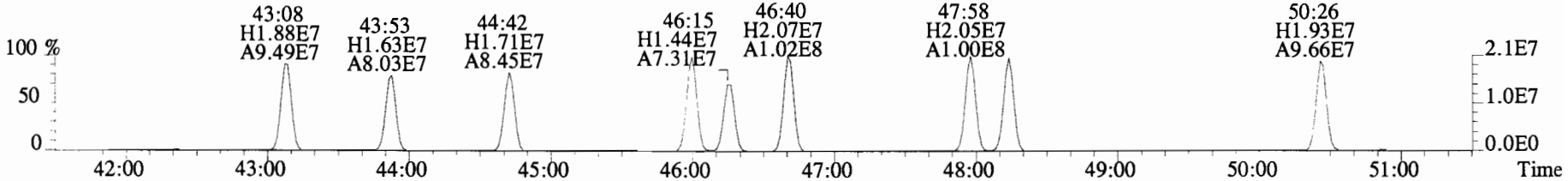
File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



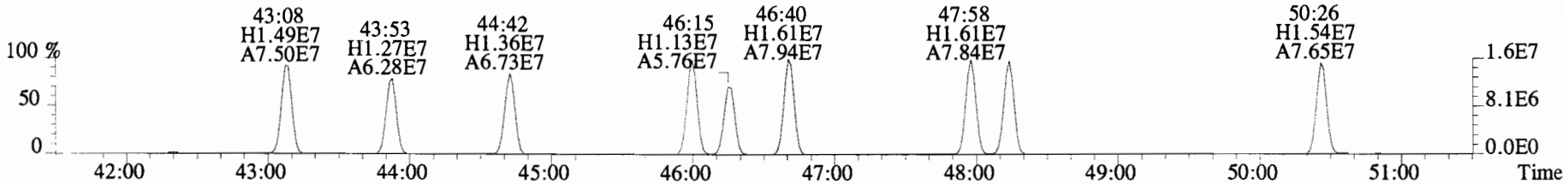
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21956.0,0.00%,F,F)



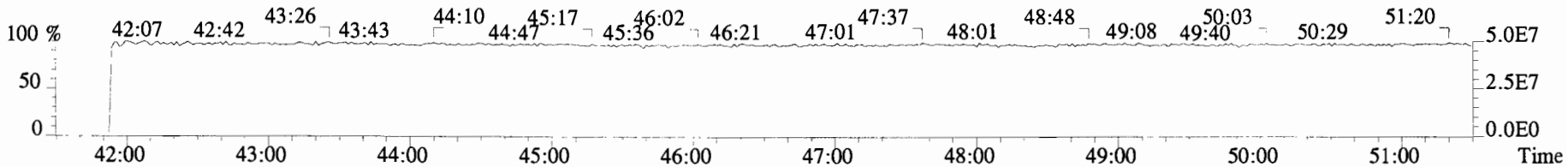
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15072.0,0.00%,F,F)



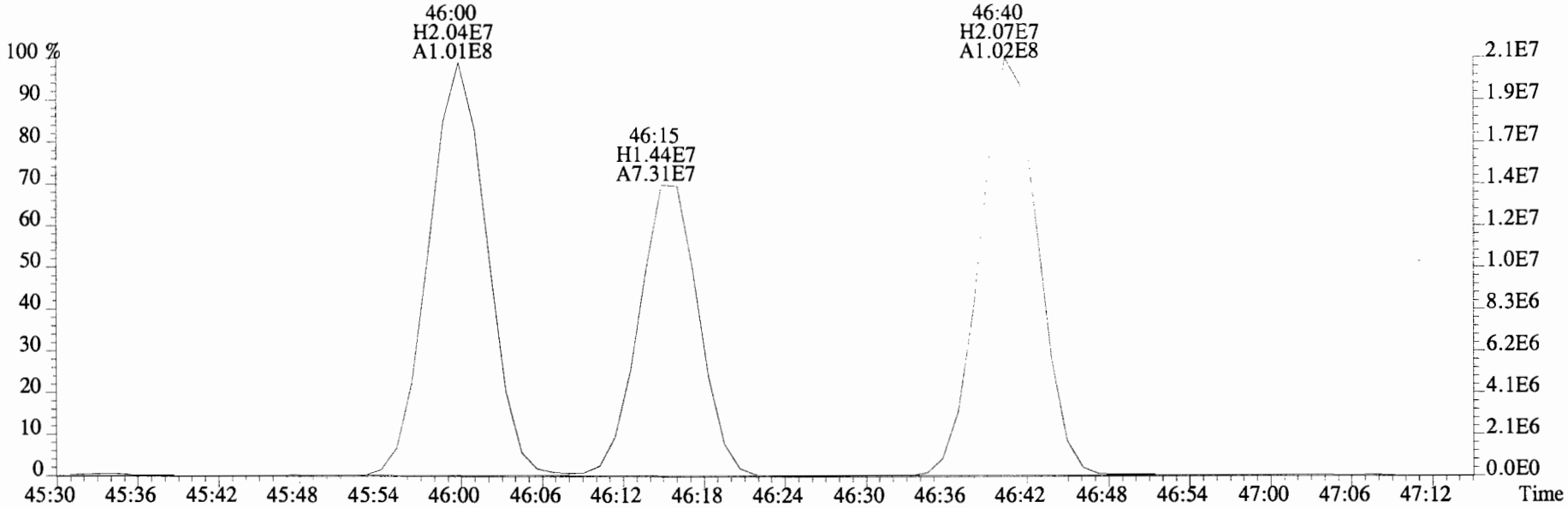
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13124.0,0.00%,F,F)



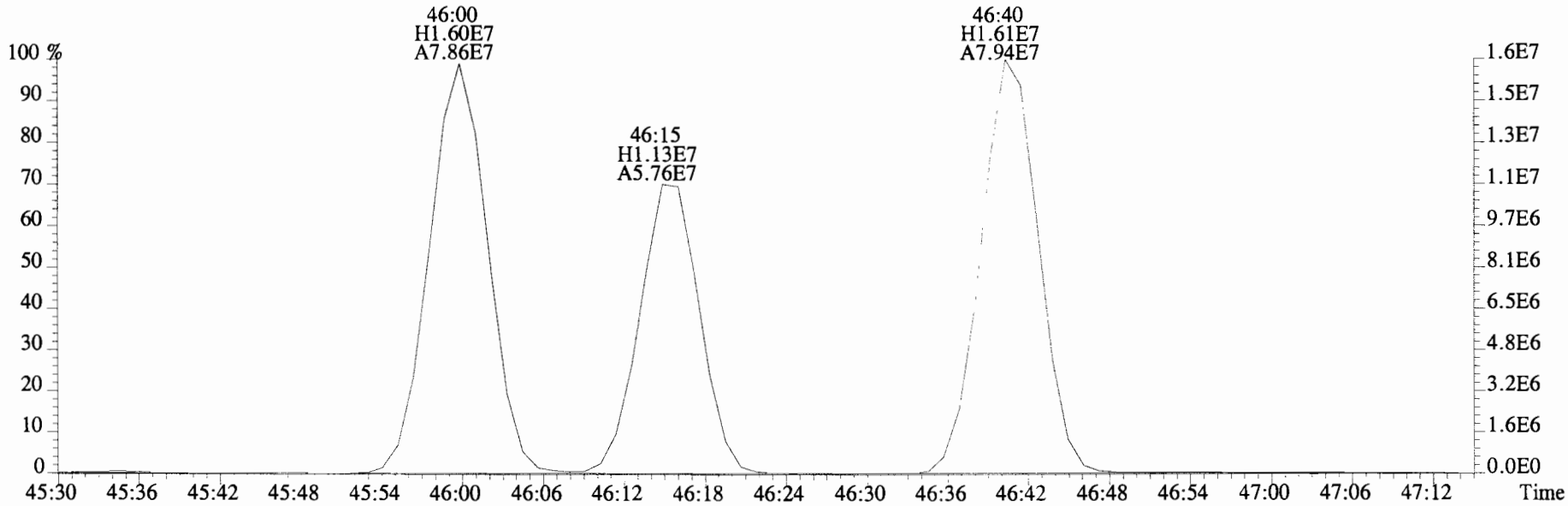
380.9760 F:4



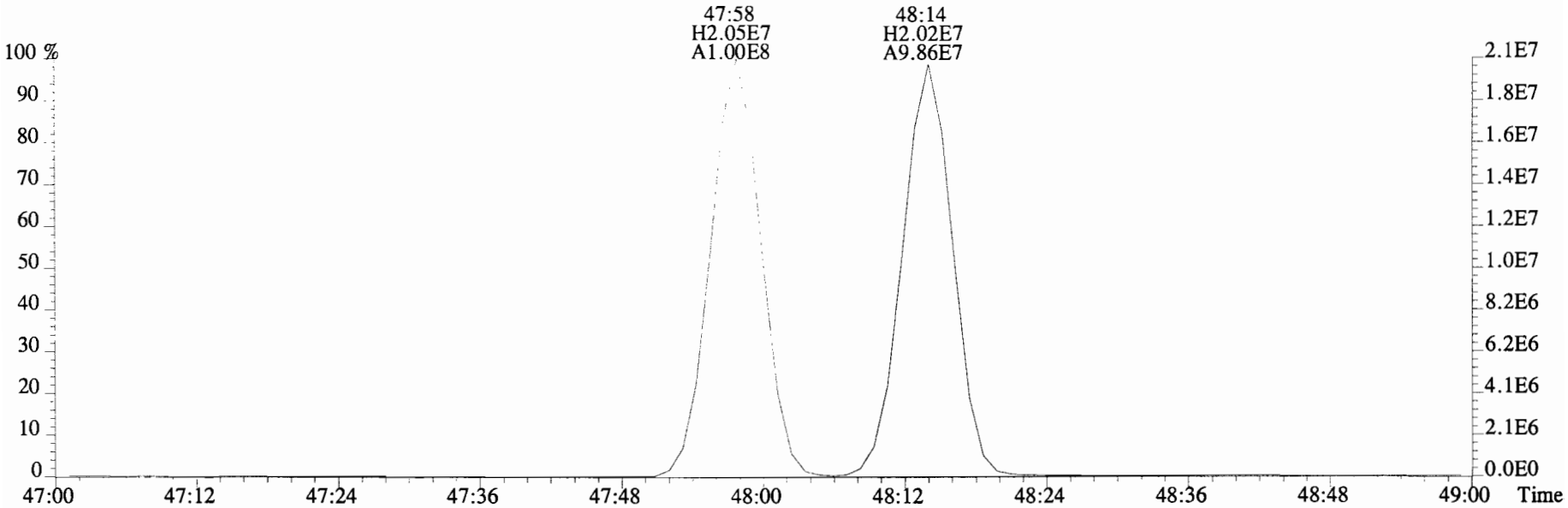
File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15072.0,0.00%,F,F)



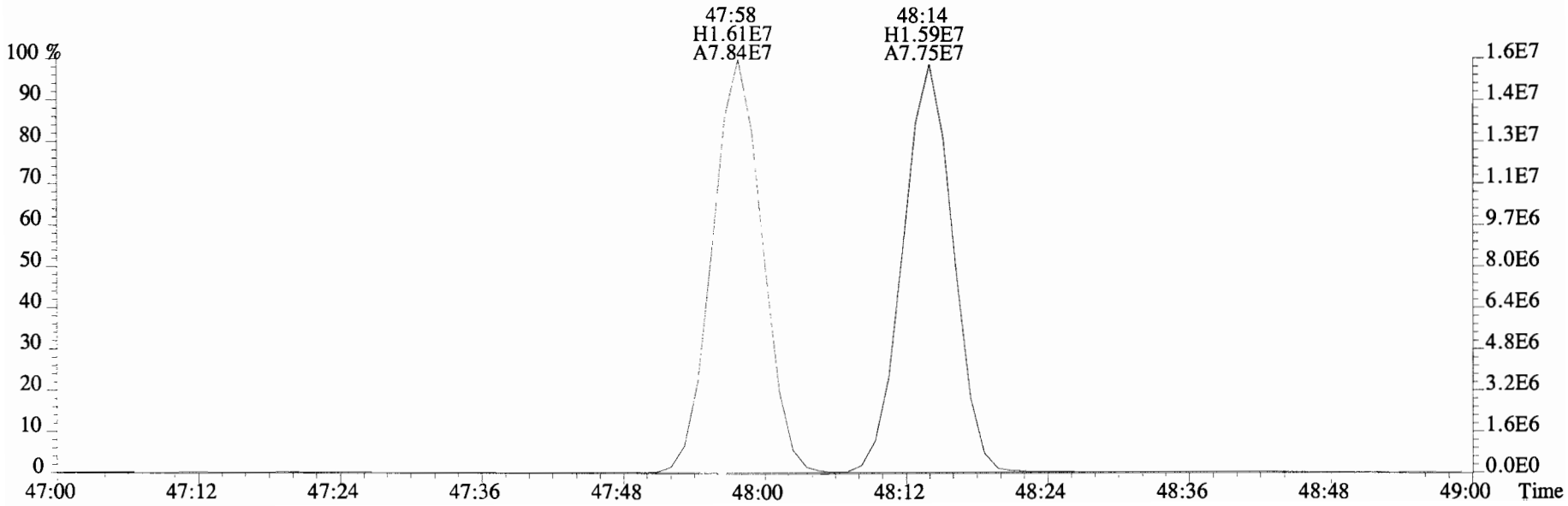
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13124.0,0.00%,F,F)



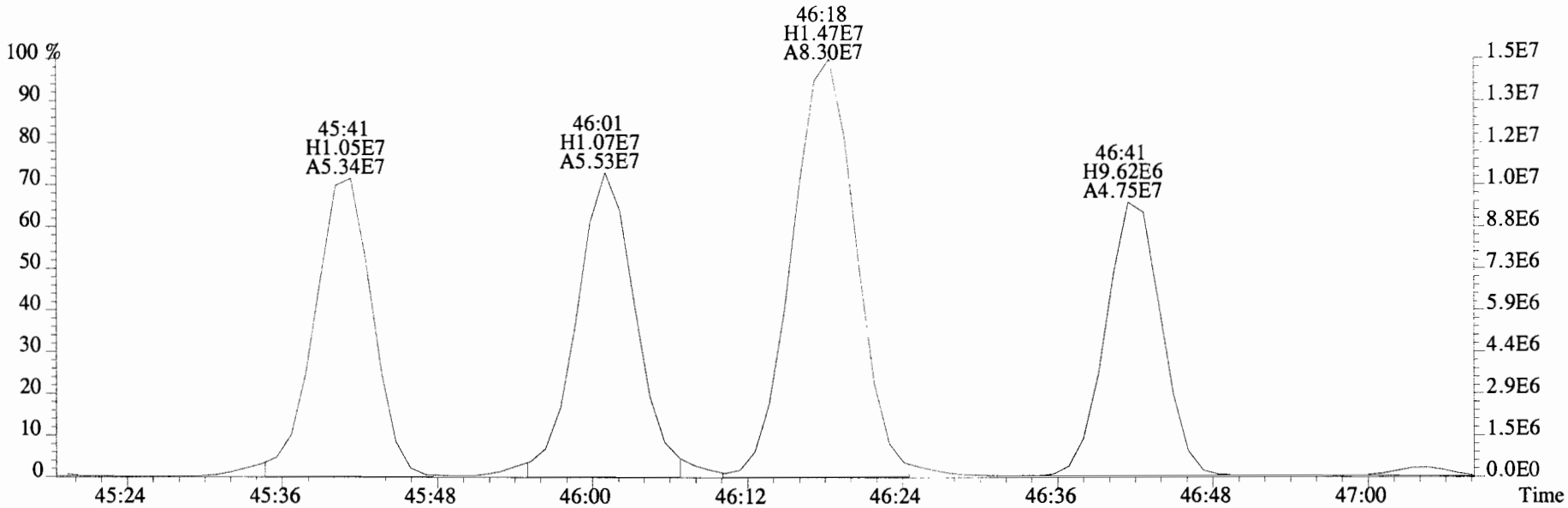
File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15072.0,0.00%,F,F)



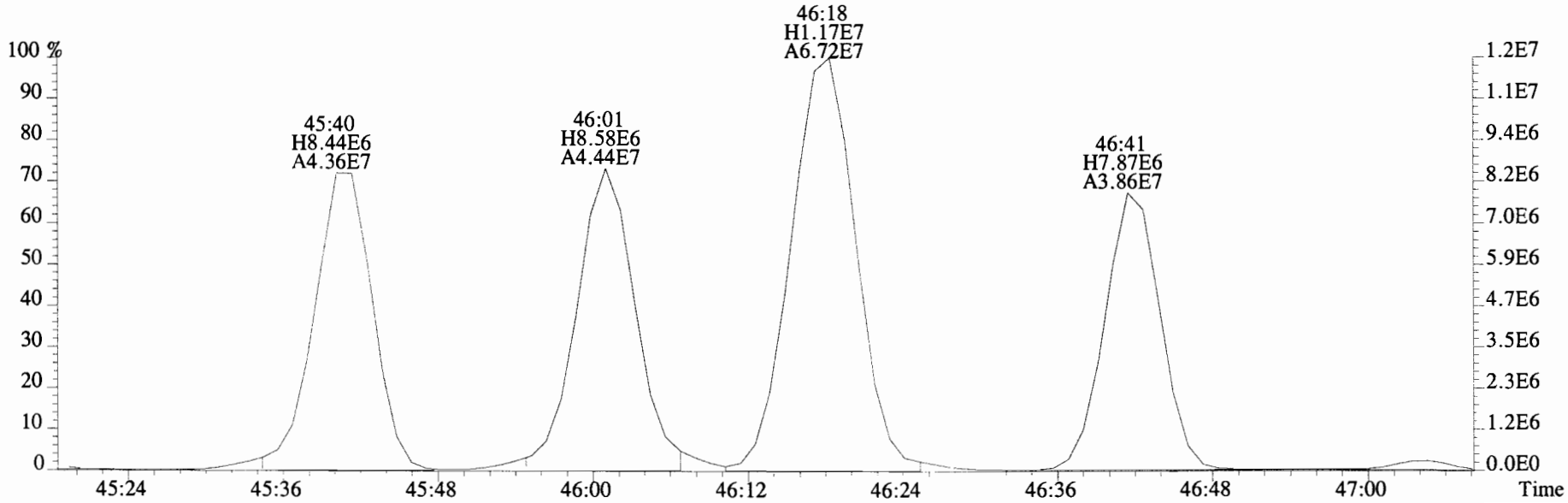
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13124.0,0.00%,F,F)



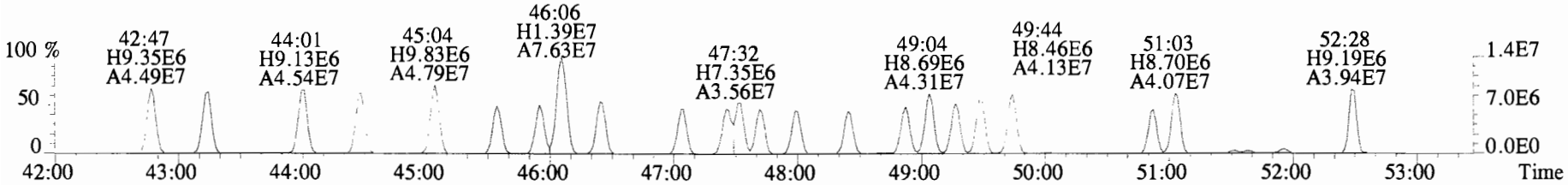
File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



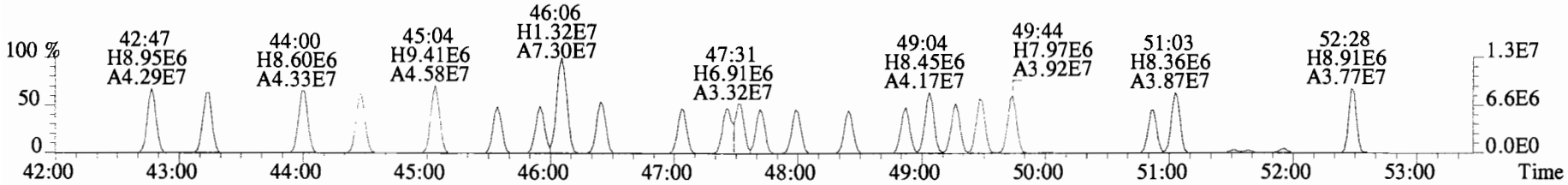
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21956.0,0.00%,F,F)



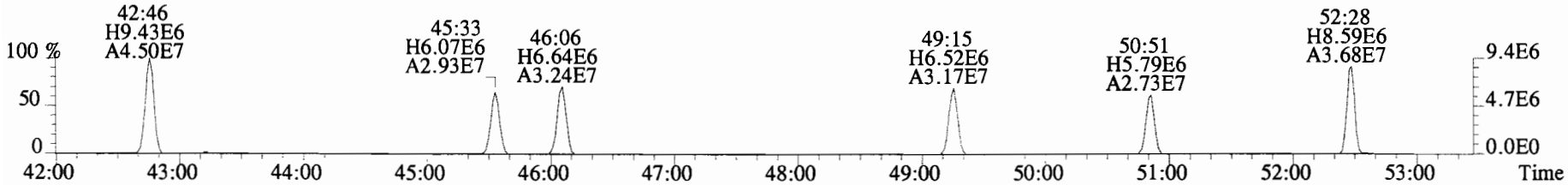
File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18496.0,0.00%,F,F)



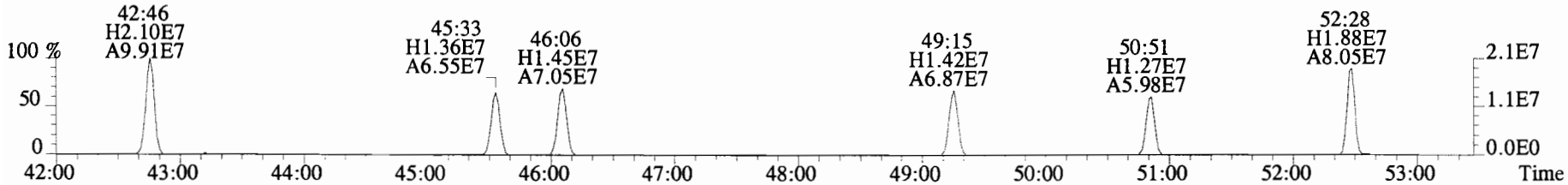
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12340.0,0.00%,F,F)



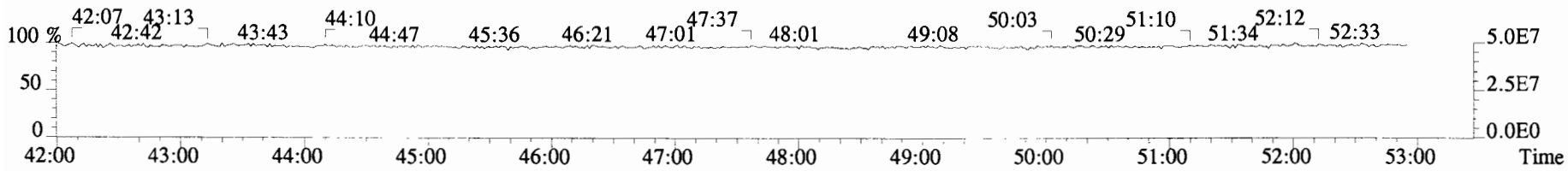
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



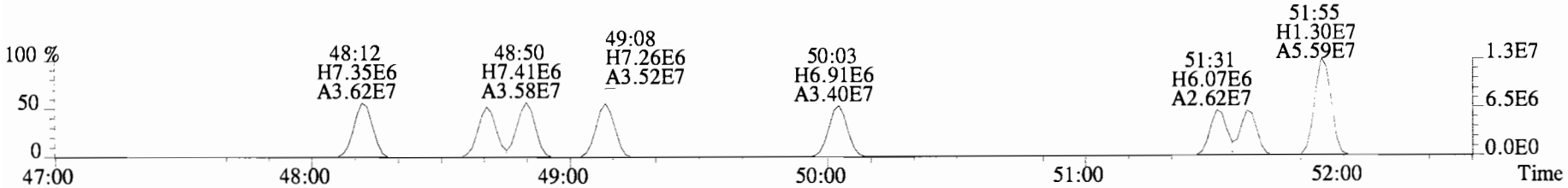
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7904.0,0.00%,F,F)



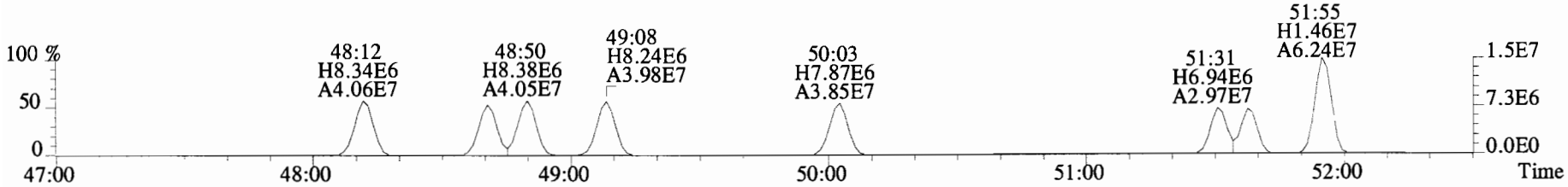
380.9760 F:4



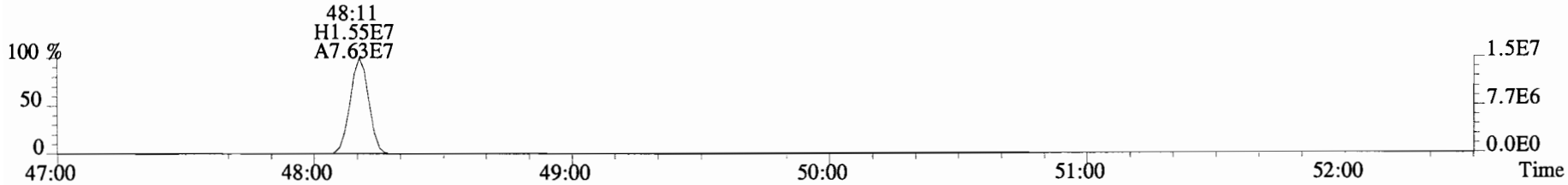
File:180409E1 #1-574 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



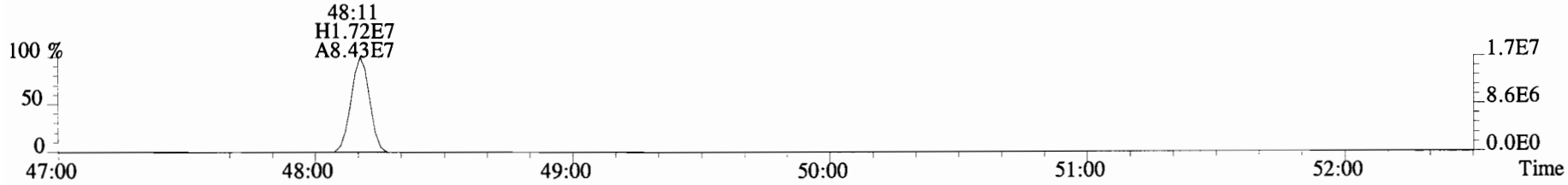
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



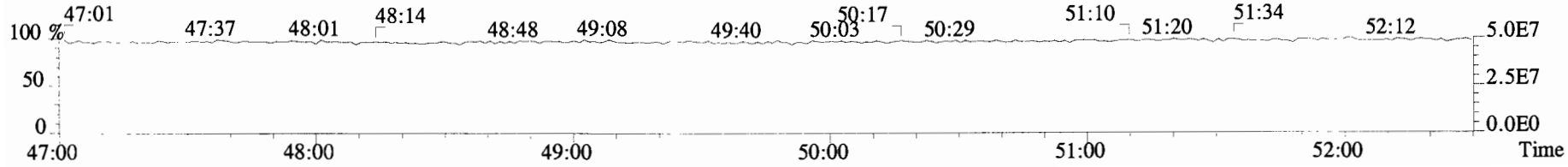
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



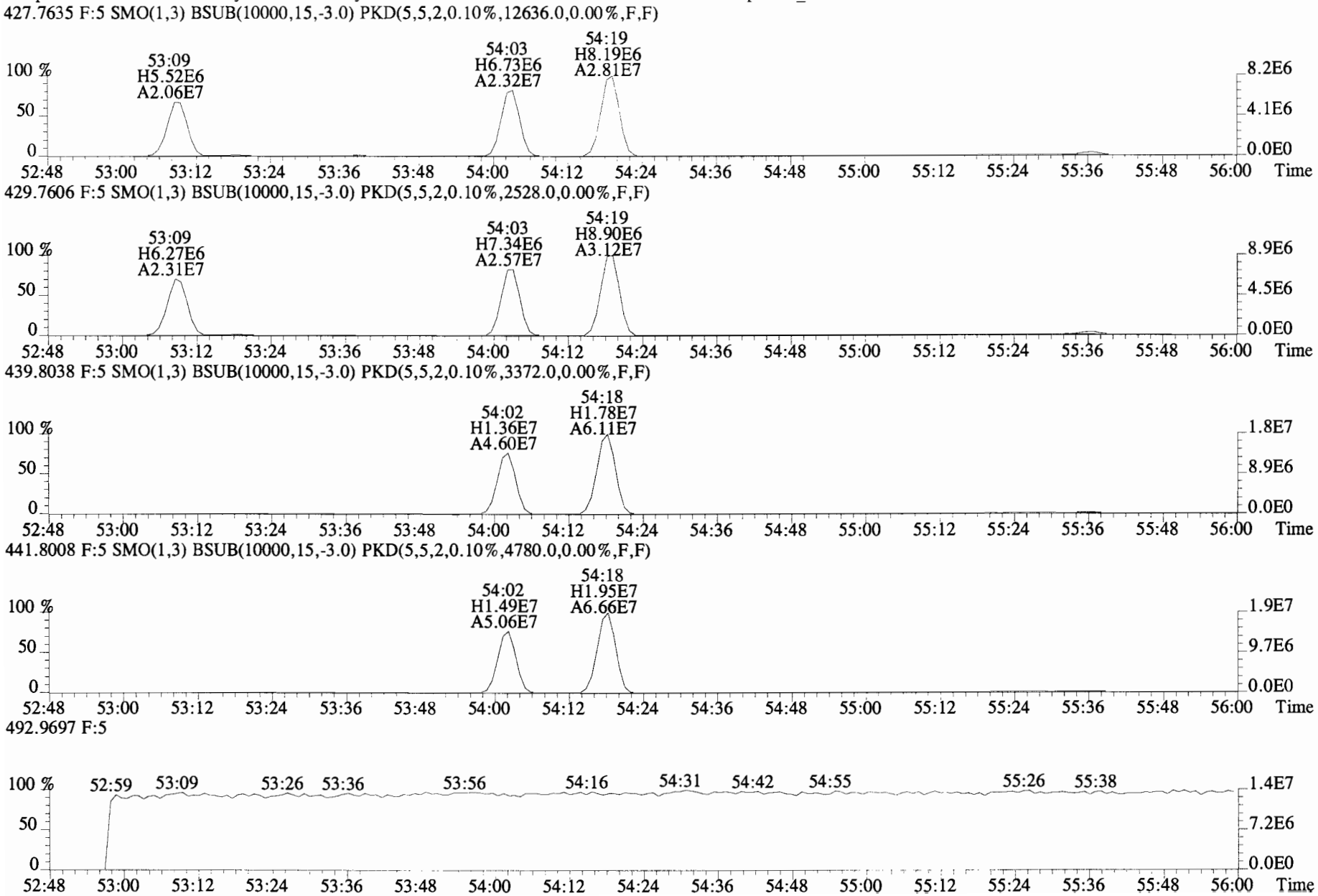
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2216.0,0.00%,F,F)



380.9760 F:4

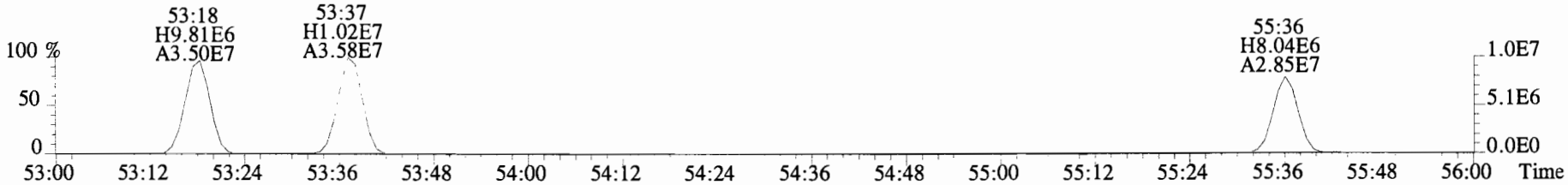


File:180409E1 #1-407 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

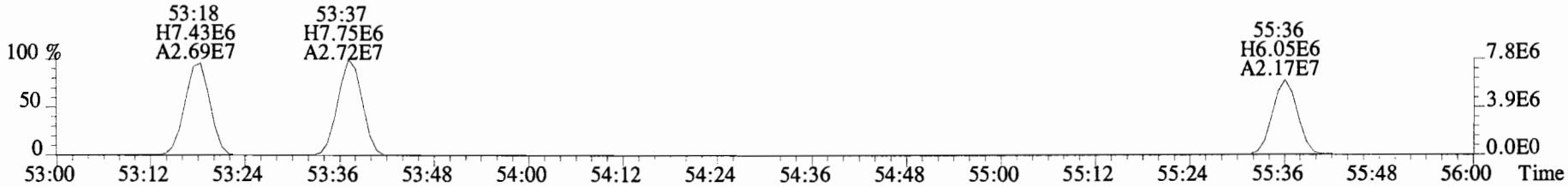


File:180409E1 #1-407 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

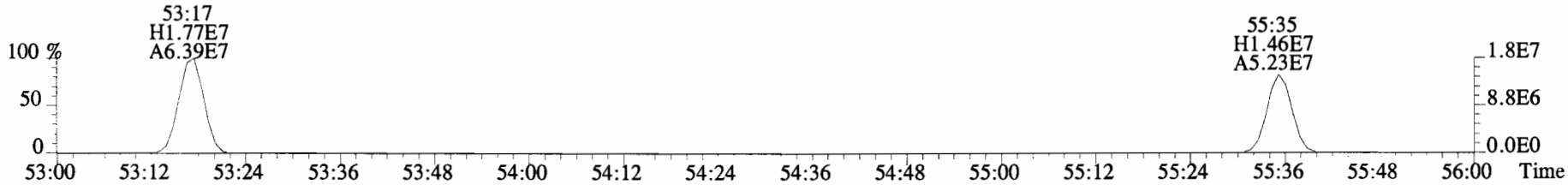
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12872.0,0.00%,F,F)



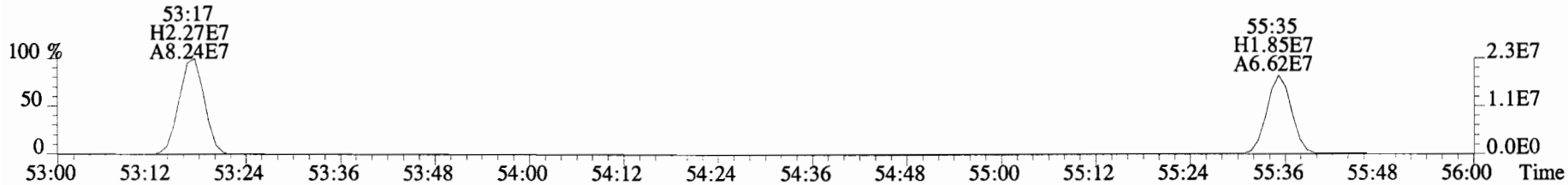
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9876.0,0.00%,F,F)



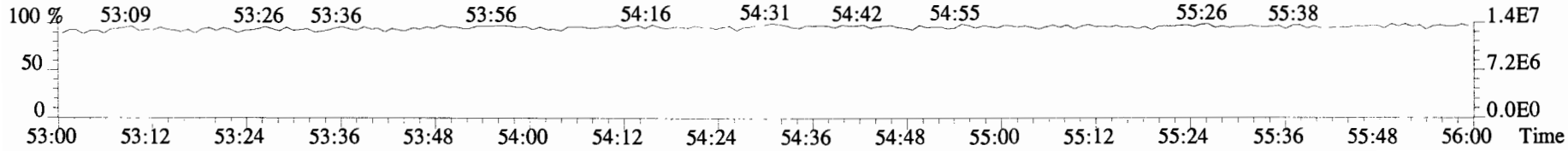
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17648.0,0.00%,F,F)



475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21376.0,0.00%,F,F)

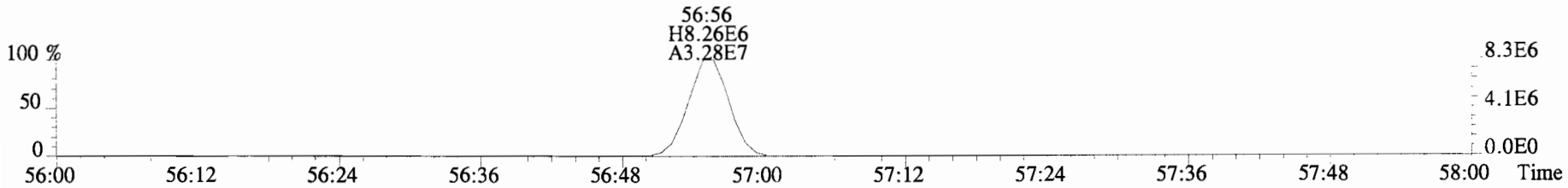


492.9697 F:5

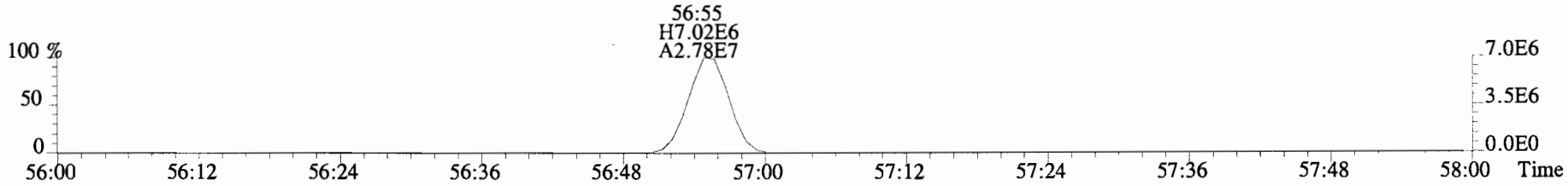


File:180409E1 #1-407 Acq: 9-APR-2018 17:33:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E1-1 PCB CS3 17L3006 Exp:PCB_ZB1

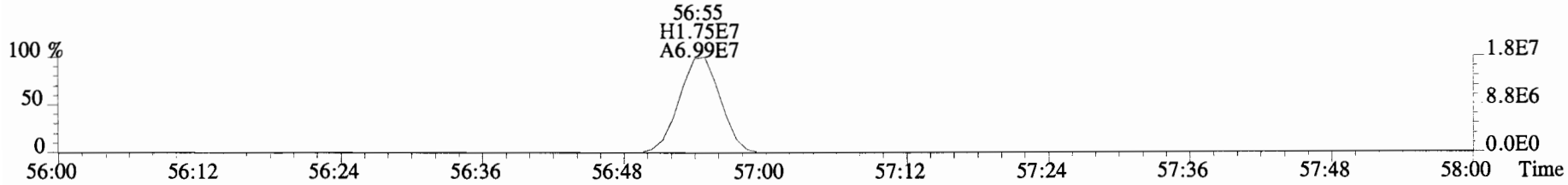
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



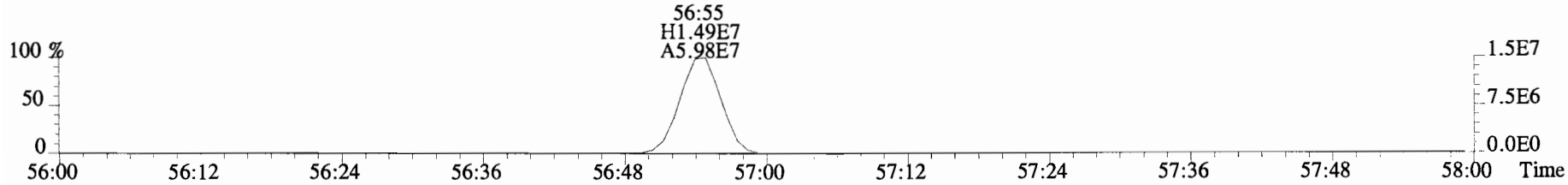
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1336.0,0.00%,F,F)



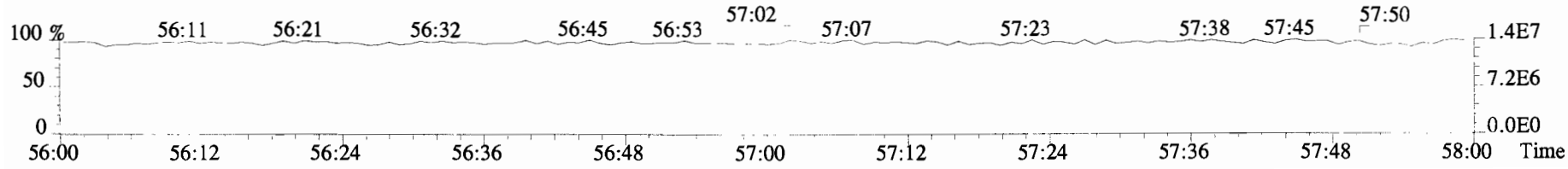
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)

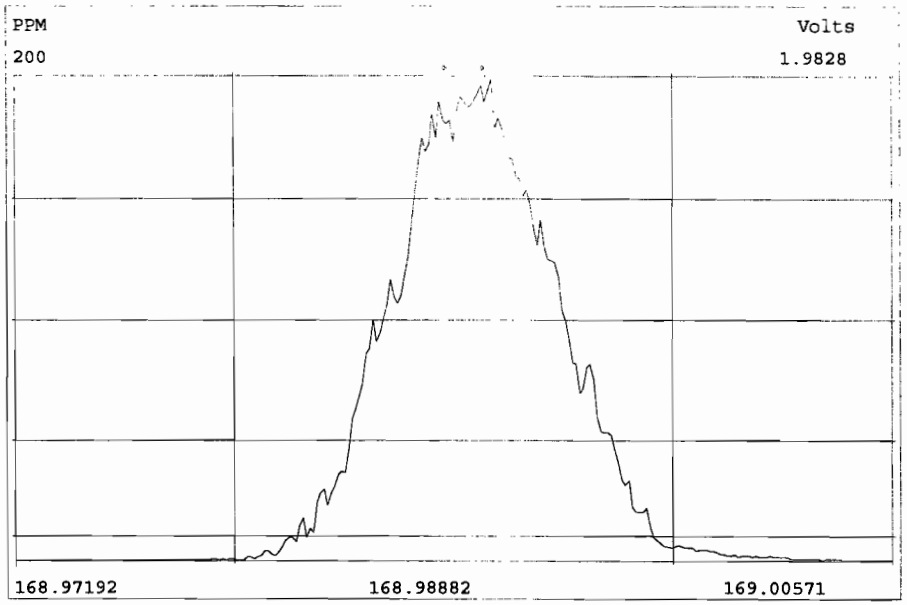


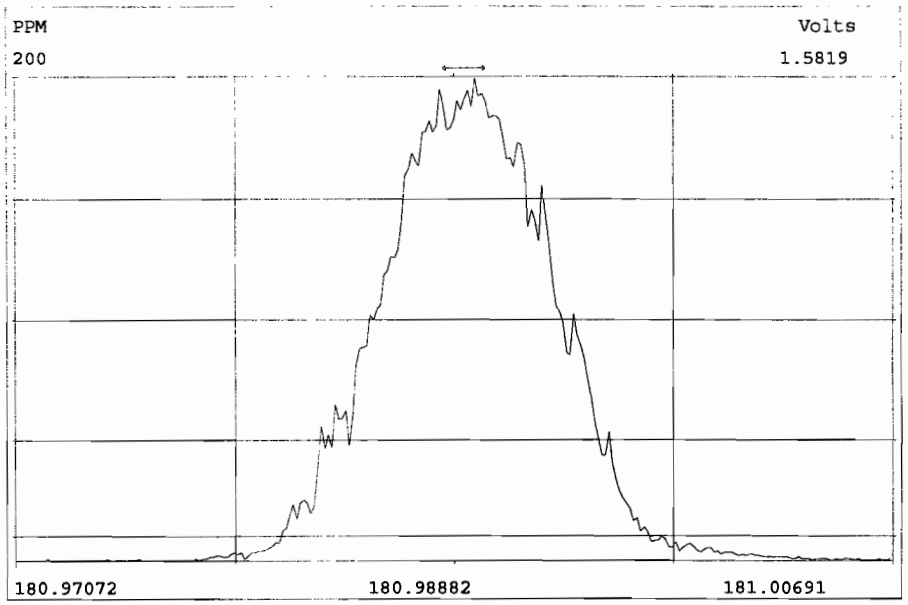
492.9697 F:5

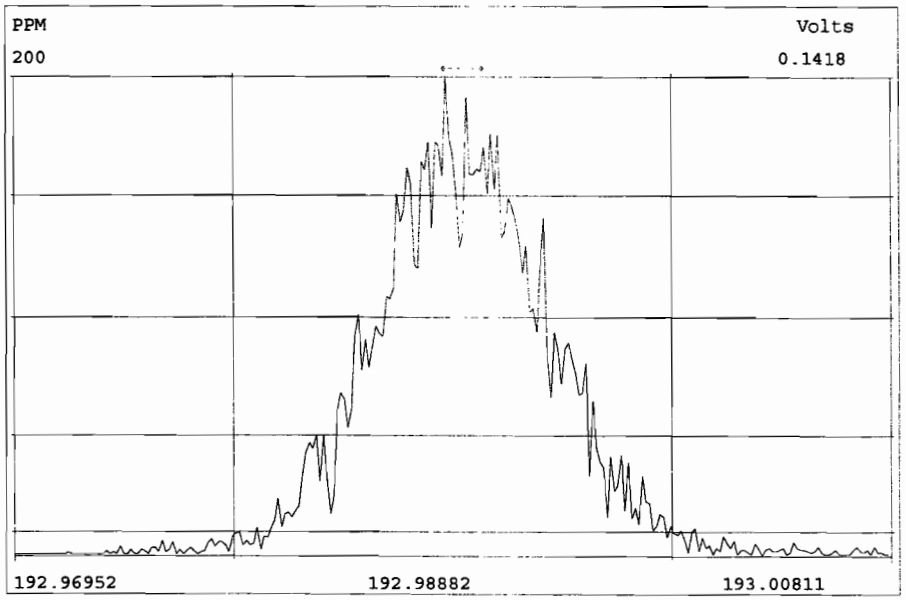


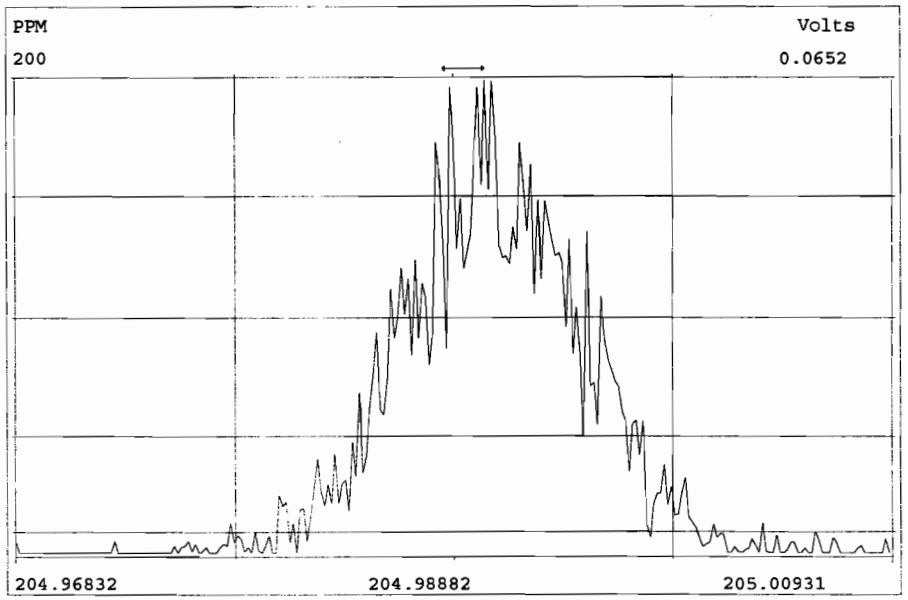
Peak Locate Examination:10-APR-2018:06:42 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



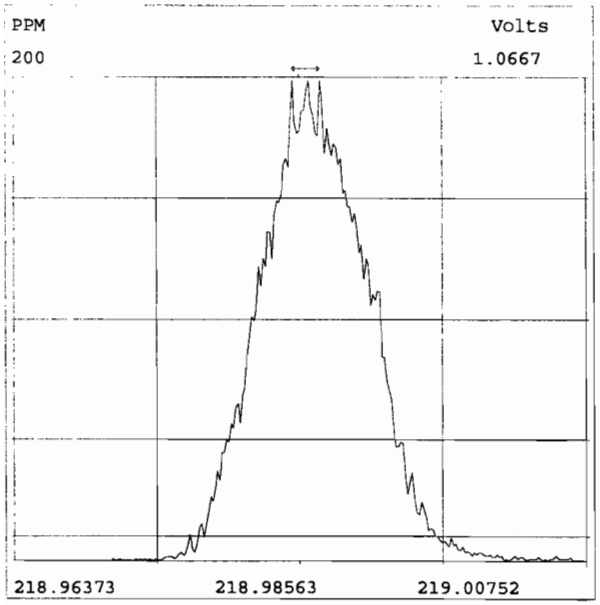


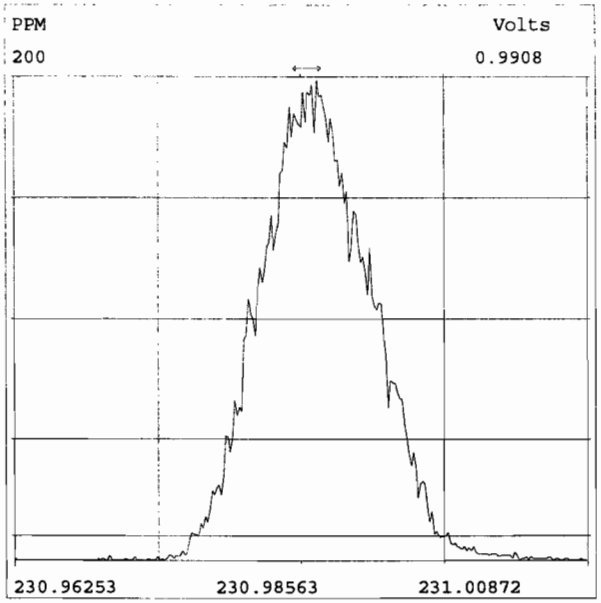


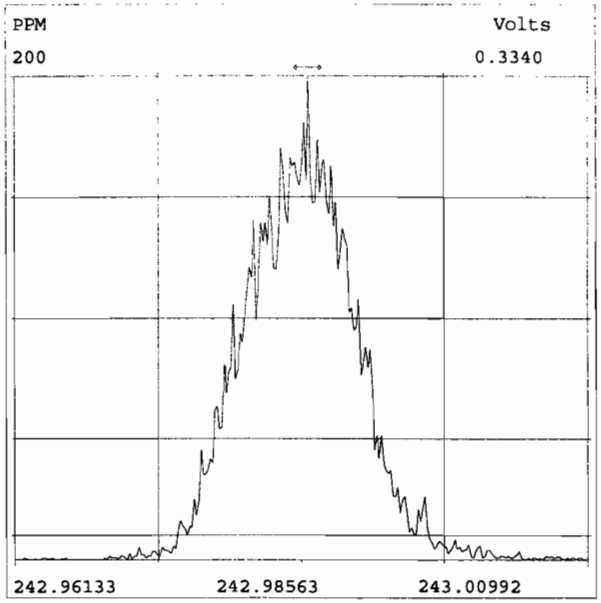


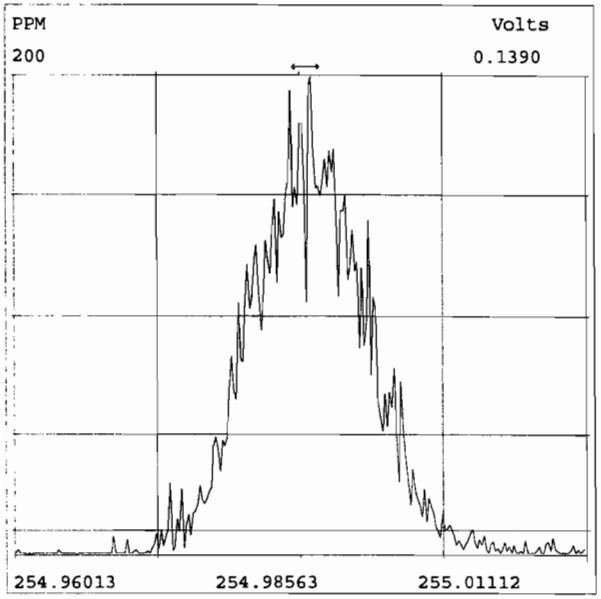
Peak Locate Examination:10-APR-2018:06:43 File:RES_CHECK

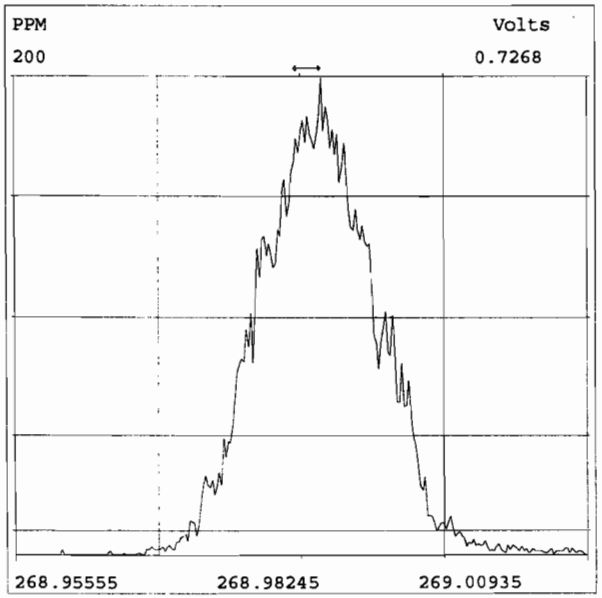
Experiment:PCB_ZB1 Function:2 Reference:PFK

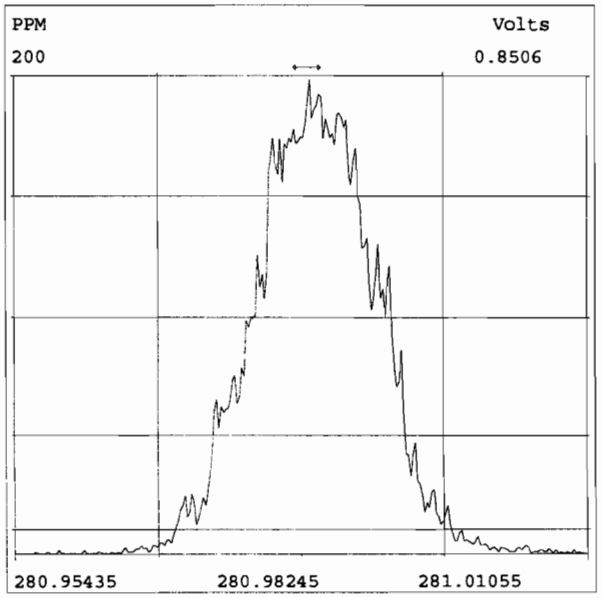






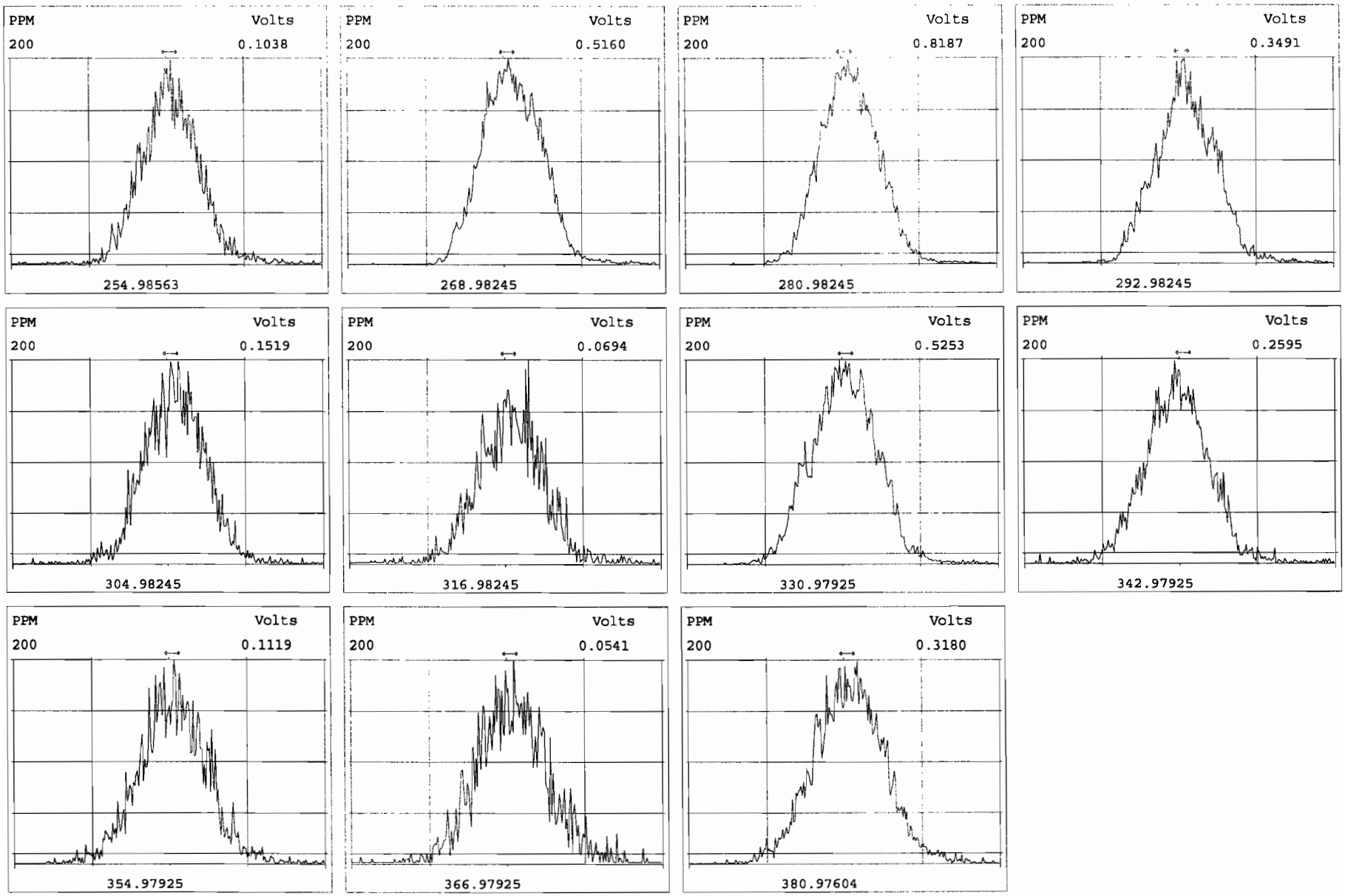






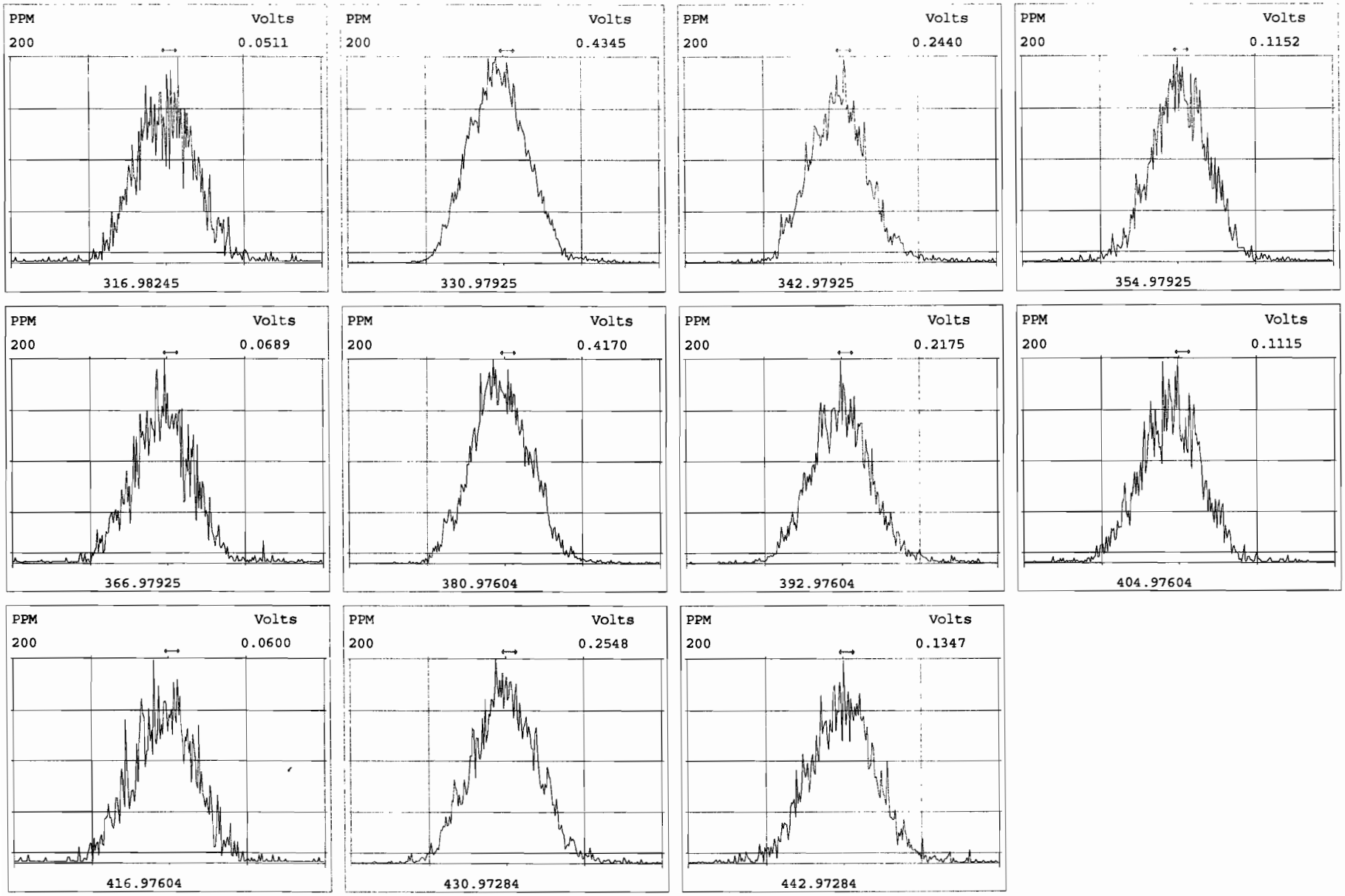
Peak Locate Examination:10-APR-2018:06:44 File:RES_CHECK

Experiment:PCB_ZB1 Function:3 Reference:PFK



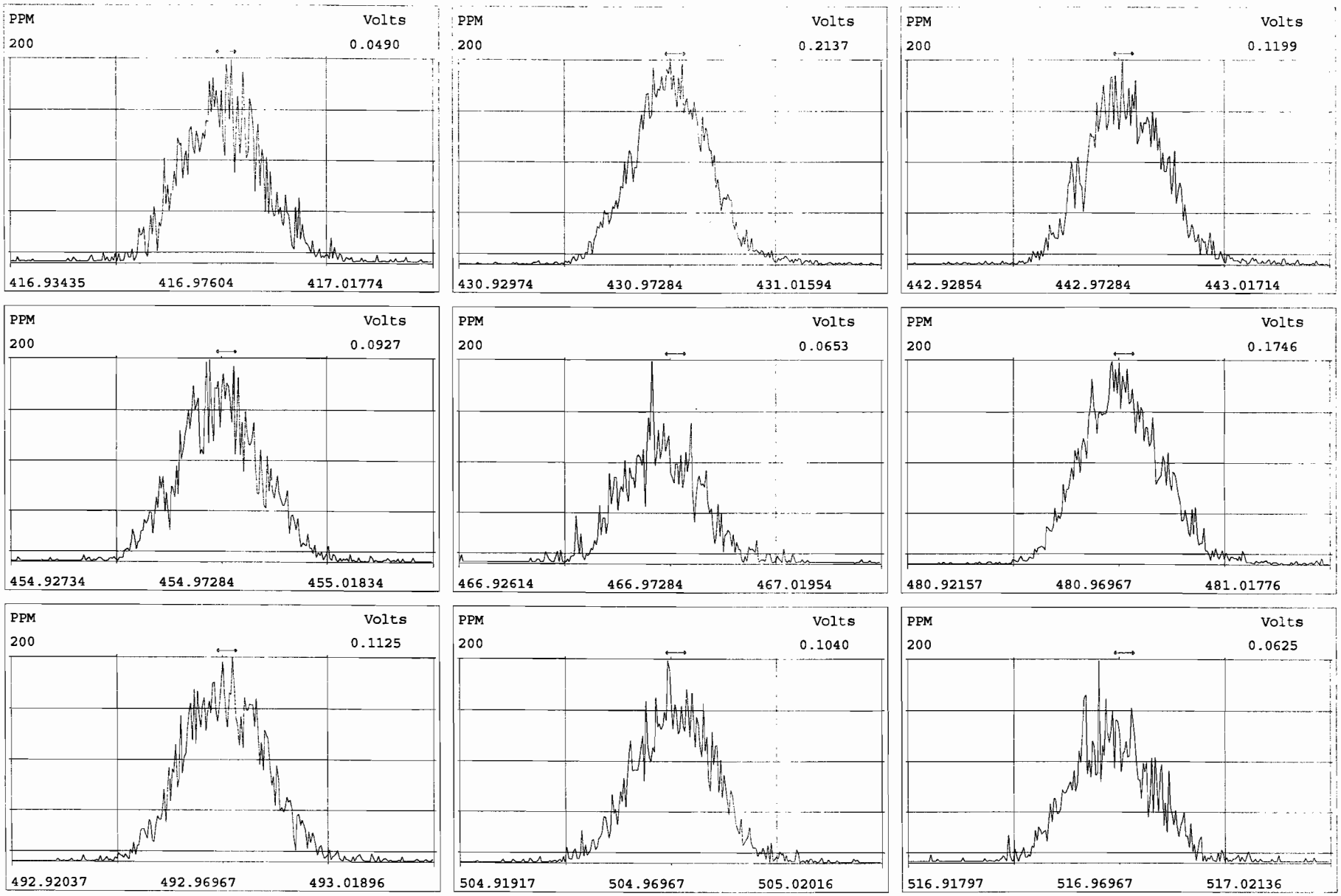
Peak Locate Examination:10-APR-2018:06:45 File:RES_CHECK

Experiment:PCB_ZB1 Function:4 Reference:PFK



Peak Locate Examination:10-APR-2018:06:46 File:RES_CHECK

Experiment:PCB_ZB1 Function:5 Reference:PFK



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calbration ID: ST180409E21

Reviewed By: CT 4/12/18
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?	DB	

Run Log:

	Beg.	End
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	(Y)	N
- Bottle position verfied?	DB	

	Beg.	End
Mass resolution ≥	✓	✓

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

	Beg.	End
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:

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E2-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E2 S#1 Analysis Date: 10-APR-18 Time: 06:47:25

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	3.03	2.66-3.60	y	49.1	37.5-62.5
PCB-2	3.02	2.66-3.60	y	48.1	37.5-62.5
PCB-3	3.01	2.66-3.60	y	49.2	37.5-62.5
PCB-4/10	1.58	1.33-1.79	y	95.0	75-125
PCB-7/9	1.60	1.33-1.79	y	91.0	75-125
PCB-6	1.57	1.33-1.79	y	46.0	37.5-62.5
PCB-5/8	1.57	1.33-1.79	y	94.0	75-125
PCB-14	1.59	1.33-1.79	y	47.0	37.5-62.5
PCB-11	1.58	1.33-1.79	y	46.0	37.5-62.5
PCB-12/13	1.58	1.33-1.79	y	91.4	75-125
PCB-15	1.59	1.33-1.79	y	49.2	37.5-62.5
PCB-19	1.03	0.88-1.20	y	44.1	37.5-62.5
PCB-30	1.04	0.88-1.20	y	43.6	37.5-62.5
PCB-18	1.03	0.88-1.20	y	43.3	37.5-62.5
PCB-17	1.03	0.88-1.20	y	43.6	37.5-62.5
PCB-24/27	1.03	0.88-1.20	y	88.2	75.0-125
PCB-16/32	1.03	0.88-1.20	y	86.2	75.0-125
PCB-34	1.06	0.88-1.20	y	45.2	37.5-62.5
PCB-23	1.03	0.88-1.20	y	45.0	37.5-62.5
PCB-29	1.04	0.88-1.20	y	43.3	37.5-62.5
PCB-26	1.04	0.88-1.20	y	43.0	37.5-62.5
PCB-25	1.05	0.88-1.20	y	42.9	37.5-62.5
PCB-31	1.19	0.88-1.20	y	43.1	37.5-62.5
PCB-28	0.93	0.88-1.20	y	44.4	37.5-62.5
PCB-20/21/33	1.04	0.88-1.20	y	128.4	112.5-225
PCB-22	1.03	0.88-1.20	y	43.2	37.5-62.5
PCB-36	1.04	0.88-1.20	y	46.4	37.5-62.5
PCB-39	1.03	0.88-1.20	y	46.7	37.5-62.5
PCB-38	1.05	0.88-1.20	y	47.0	37.5-62.5
PCB-35	1.05	0.88-1.20	y	47.8	37.5-62.5
PCB-37	1.04	0.88-1.20	y	46.4	37.5-62.5
PCB-54	0.78	0.65-0.89	y	47.4	37.5-62.5
PCB-50	0.78	0.65-0.89	y	46.7	37.5-62.5
PCB-53	0.77	0.65-0.89	y	46.9	37.5-62.5
PCB-51	0.77	0.65-0.89	y	46.6	37.5-62.5
PCB-45	0.78	0.65-0.89	y	45.6	37.5-62.5
PCB-46	0.78	0.65-0.89	y	45.7	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	89.4	75.0-125
PCB-73	0.77	0.65-0.89	y	47.8	37.5-62.5
PCB-43/49	0.78	0.65-0.89	y	93.2	75.0-125
PCB-47	0.76	0.65-0.89	y	48.1	37.5-62.5
PCB-48/75	0.77	0.65-0.89	y	91.7	75.0-125
PCB-65	0.77	0.65-0.89	y	43.1	37.5-62.5
PCB-62	0.78	0.65-0.89	y	50.2	37.5-62.5
PCB-44	0.78	0.65-0.89	y	47.2	37.5-62.5
PCB-42/59	0.78	0.65-0.89	y	90.4	75.0-125
PCB-41/64/71/72	0.78	0.65-0.89	y	182.3	150-250
PCB-68	0.77	0.65-0.89	y	44.2	37.5-62.5
PCB-40	0.78	0.65-0.89	y	46.2	37.5-62.5
PCB-57	0.77	0.65-0.89	y	44.7	37.5-62.5
PCB-67	0.77	0.65-0.89	y	45.6	37.5-62.5
PCB-58	0.78	0.65-0.89	y	44.7	37.5-62.5
PCB-63	0.78	0.65-0.89	y	44.6	37.5-62.5
PCB-74	0.77	0.65-0.89	y	45.5	37.5-62.5
PCB-61/70	0.78	0.65-0.89	y	90.1	75.0-125
PCB-76/66	0.77	0.65-0.89	y	90.8	75.0-125
PCB-80	0.78	0.65-0.89	y	45.9	37.5-62.5
PCB-55	0.77	0.65-0.89	y	46.7	37.5-62.5
PCB-56/60	0.77	0.65-0.89	y	90.1	75.0-125
PCB-79	0.77	0.65-0.89	y	43.5	37.5-62.5
PCB-78	0.78	0.65-0.89	y	46.9	37.5-62.5
PCB-81	0.77	0.65-0.89	y	48.1	37.5-62.5
PCB-77	0.79	0.65-0.89	y	46.3	37.5-62.5
PCB-104	1.55	1.32-1.78	y	42.3	37.5-62.5
PCB-96	1.58	1.32-1.78	y	42.8	37.5-62.5
PCB-103	1.58	1.32-1.78	y	42.0	37.5-62.5
PCB-100	1.57	1.32-1.78	y	42.9	37.5-62.5
PCB-94	1.56	1.32-1.78	y	42.7	37.5-62.5
PCB-95/98/102	1.56	1.32-1.78	y	128.5	112.5-225
PCB-93	1.61	1.32-1.78	y	42.8	37.5-62.5
PCB-88/91	1.56	1.32-1.78	y	85.3	75.0-125
PCB-121	1.59	1.32-1.78	y	42.5	37.5-62.5

Analyst: DB

Date: 4/10/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E2-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E2 S#1 Analysis Date: 10-APR-18 Time: 06:47:25

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	1.56	1.32-1.78	y	85.8	75.0-125	PCB-140	1.26	1.05-1.43	y	41.3	37.5-62.5
PCB-89	1.58	1.32-1.78	y	43.1	37.5-62.5	PCB-134/143	1.23	1.05-1.43	y	93.0	75.0-125
PCB-90/101	1.57	1.32-1.78	y	84.3	75.0-125	PCB-131/133	1.23	1.05-1.43	y	94.2	75.0-125
PCB-113	1.57	1.32-1.78	y	40.5	37.5-62.5	PCB-142	1.25	1.05-1.43	y	47.3	37.5-62.5
PCB-99	1.59	1.32-1.78	y	43.9	37.5-62.5	PCB-146/165	1.24	1.05-1.43	y	93.4	75.0-125
PCB-119	1.57	1.32-1.78	y	43.1	37.5-62.5	PCB-132/161	1.24	1.05-1.43	y	94.8	75.0-125
PCB-108/112	1.56	1.32-1.78	y	88.0	75.0-125	PCB-153	1.25	1.05-1.43	y	47.8	37.5-62.5
PCB-83	1.56	1.32-1.78	y	43.5	37.5-62.5	PCB-168	1.26	1.05-1.43	y	45.1	37.5-62.5
PCB-97	1.57	1.32-1.78	y	43.9	37.5-62.5	PCB-141	1.24	1.05-1.43	y	47.0	37.5-62.5
PCB-86	1.54	1.32-1.78	y	47.5	37.5-62.5	PCB-137	1.22	1.05-1.43	y	44.7	37.5-62.5
PCB-87/117/125	1.57	1.32-1.78	y	126.5	112.5-225	PCB-130	1.23	1.05-1.43	y	49.5	37.5-62.5
PCB-111/115	1.56	1.32-1.78	y	85.4	75.0-125	PCB-138/163/164	1.24	1.05-1.43	y	140.5	112.5-225
PCB-85/116	1.59	1.32-1.78	y	85.2	75.0-125	PCB-158/160	1.24	1.05-1.43	y	94.4	75.0-125
PCB-120	1.57	1.32-1.78	y	42.0	37.5-62.5	PCB-129	1.24	1.05-1.43	y	46.7	37.5-62.5
PCB-110	1.58	1.32-1.78	y	42.6	37.5-62.5	PCB-166	1.23	1.05-1.43	y	47.3	37.5-62.5
PCB-82	1.56	1.32-1.78	y	42.2	37.5-62.5	PCB-159	1.22	1.05-1.43	y	48.2	37.5-62.5
PCB-124	1.74	1.32-1.78	y	44.1	37.5-62.5	PCB-128/162	1.23	1.05-1.43	y	93.8	75.0-125
PCB-107/109	1.48	1.32-1.78	y	84.1	75.0-125	PCB-167	1.24	1.05-1.43	y	46.9	37.5-62.5
PCB-123	1.59	1.32-1.78	y	44.0	37.5-62.5	PCB-156	1.22	1.05-1.43	y	45.7	37.5-62.5
PCB-106/118	1.56	1.32-1.78	y	88.7	75.0-125	PCB-157	1.24	1.05-1.43	y	46.4	37.5-62.5
PCB-114	1.54	1.32-1.78	y	44.8	37.5-62.5	PCB-169	1.25	1.05-1.43	y	46.4	37.5-62.5
PCB-122	1.57	1.32-1.78	y	45.7	37.5-62.5	PCB-188	1.05	0.89-1.21	y	45.5	37.5-62.5
PCB-105	1.54	1.32-1.78	y	45.6	37.5-62.5	PCB-184	1.04	0.89-1.21	y	46.4	37.5-62.5
PCB-127	1.57	1.32-1.78	y	45.6	37.5-62.5	PCB-179	1.04	0.89-1.21	y	46.0	37.5-62.5
PCB-126	1.55	1.32-1.78	y	45.5	37.5-62.5	PCB-176	1.05	0.89-1.21	y	46.0	37.5-62.5
PCB-155	1.27	1.05-1.43	y	42.8	37.5-62.5	PCB-186	1.05	0.89-1.21	y	47.1	37.5-62.5
PCB-150	1.27	1.05-1.43	y	41.9	37.5-62.5	PCB-178	1.04	0.89-1.21	y	47.1	37.5-62.5
PCB-152	1.27	1.05-1.43	y	41.0	37.5-62.5	PCB-175	1.04	0.89-1.21	y	47.4	37.5-62.5
PCB-145	1.26	1.05-1.43	y	40.2	37.5-62.5	PCB-182/187	1.05	0.89-1.21	y	95.7	75.0-125
PCB-136	1.27	1.05-1.43	y	39.4	37.5-62.5	PCB-183	1.05	0.89-1.21	y	47.8	37.5-62.5
PCB-148	1.26	1.05-1.43	y	40.8	37.5-62.5	PCB-185	1.04	0.89-1.21	y	46.8	37.5-62.5
PCB-154	1.28	1.05-1.43	y	39.9	37.5-62.5	PCB-174	1.04	0.89-1.21	y	44.6	37.5-62.5
PCB-151	1.27	1.05-1.43	y	41.0	37.5-62.5	PCB-181	1.07	0.89-1.21	y	48.4	37.5-62.5
PCB-135	1.25	1.05-1.43	y	41.9	37.5-62.5	PCB-177	1.04	0.89-1.21	y	46.8	37.5-62.5
PCB-144	1.27	1.05-1.43	y	41.1	37.5-62.5	PCB-171	1.05	0.89-1.21	y	45.3	37.5-62.5
PCB-147	1.28	1.05-1.43	y	41.4	37.5-62.5	PCB-173	1.06	0.89-1.21	y	45.4	37.5-62.5
PCB-139/149	1.26	1.05-1.43	y	83.9	75.0-125	PCB-172	1.05	0.89-1.21	y	46.2	37.5-62.5

Analyst: DB

Date: 4/10/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E2-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E2 S#1 Analysis Date: 10-APR-18 Time: 06:47:25

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.05	0.89-1.21	y	47.1	37.5-62.5
PCB-180	1.05	0.89-1.21	y	46.1	37.5-62.5
PCB-193	1.06	0.89-1.21	y	44.4	37.5-62.5
PCB-191	1.06	0.89-1.21	y	45.9	37.5-62.5
PCB-170	1.05	0.89-1.21	y	47.0	37.5-62.5
PCB-190	1.04	0.89-1.21	y	47.2	37.5-62.5
PCB-189	1.04	0.89-1.21	y	45.1	37.5-62.5
PCB-202	0.89	0.76-1.02	y	45.7	37.5-62.5
PCB-201	0.92	0.76-1.02	y	45.3	37.5-62.5
PCB-204	0.85	0.76-1.02	y	44.7	37.5-62.5
PCB-197	0.89	0.76-1.02	y	43.3	37.5-62.5
PCB-200	0.89	0.76-1.02	y	44.6	37.5-62.5
PCB-198	0.88	0.76-1.02	y	44.2	37.5-62.5
PCB-199	0.89	0.76-1.02	y	44.5	37.5-62.5
PCB-196/203	0.89	0.76-1.02	y	90.0	75.0-125
PCB-195	0.91	0.76-1.02	y	43.4	37.5-62.5
PCB-194	0.90	0.76-1.02	y	44.0	37.5-62.5
PCB-205	0.90	0.76-1.02	y	46.4	37.5-62.5
PCB-208	1.29	1.14-1.54	y	45.4	37.5-62.5
PCB-207	1.31	1.14-1.54	y	47.1	37.5-62.5
PCB-206	1.30	1.14-1.54	y	46.3	37.5-62.5
PCB-209	1.18	0.99-1.33	y	45.1	37.5-62.5

Analyst: DB

Date: 4/10/18

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E2-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E2 S#1 Analysis Date: 10-APR-18 Time: 06:47:25

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.11	2.66-3.60	y	77.0	50.0-145
13C-PCB-3	3.08	2.66-3.60	y	76.8	50.0-145
13C-PCB-4	1.57	1.33-1.79	y	92.2	50.0-145
13C-PCB-9	1.51	1.33-1.79	y	98.0	50.0-145
13C-PCB-11	1.54	1.33-1.79	y	100.2	50.0-145
13C-PCB-19	1.05	0.88-1.20	y	105.7	50.0-145
13C-PCB-32	1.06	0.88-1.20	y	107.4	50.0-145
13C-PCB-28	1.08	0.88-1.20	y	115.7	50.0-145
13C-PCB-37	1.07	0.88-1.20	y	101.8	50.0-145
13C-PCB-54	0.79	0.65-0.89	y	108.3	50.0-145
13C-PCB-52	0.78	0.65-0.89	y	105.7	50.0-145
13C-PCB-47	0.80	0.65-0.89	y	105.2	50.0-145
13C-PCB-70	0.79	0.65-0.89	y	103.4	50.0-145
13C-PCB-80	0.80	0.65-0.89	y	101.9	50.0-145
13C-PCB-81	0.79	0.65-0.89	y	94.3	50.0-145
13C-PCB-77	0.79	0.65-0.89	y	93.5	50.0-145
13C-PCB-104	1.59	1.32-1.78	y	111.8	50.0-145
13C-PCB-95	1.58	1.32-1.78	y	110.3	50.0-145
13C-PCB-101	1.62	1.32-1.78	y	109.7	50.0-145
13C-PCB-97	1.60	1.32-1.78	y	102.3	50.0-145
13C-PCB-123	1.59	1.32-1.78	y	104.3	50.0-145
13C-PCB-118	1.59	1.32-1.78	y	104.6	50.0-145
13C-PCB-114	1.57	1.32-1.78	y	92.7	50.0-145
13C-PCB-105	1.57	1.32-1.78	y	95.8	50.0-145
13C-PCB-127	1.58	1.32-1.78	y	94.6	50.0-145
13C-PCB-126	1.57	1.32-1.78	y	95.8	50.0-145
13C-PCB-155	1.26	1.05-1.43	y	130.8	50.0-145
13C-PCB-153	1.26	1.05-1.43	y	98.2	50.0-145
13C-PCB-141	1.27	1.05-1.43	y	100.1	50.0-145
13C-PCB-138	1.27	1.05-1.43	y	100.1	50.0-145
13C-PCB-159	1.26	1.05-1.43	y	101.0	50.0-145
13C-PCB-167	1.25	1.05-1.43	y	101.5	50.0-145
13C-PCB-156	1.26	1.05-1.43	y	101.2	50.0-145
13C-PCB-157	1.28	1.05-1.43	y	101.6	50.0-145

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.26	1.05-1.43	y	98.8	50 - 145
13C-PCB-188	0.45	0.38-0.52	y	97.2	50 - 145
13C-PCB-180	0.46	0.38-0.52	y	100.7	50 - 145
13C-PCB-170	0.47	0.38-0.52	y	102.0	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	101.9	50 - 145
13C-PCB-202	0.91	0.76-1.02	y	117.3	50 - 145
13C-PCB-194	0.89	0.76-1.02	y	97.8	50 - 145
13C-PCB-208	0.78	0.65-0.89	y	102.7	50 - 145
13C-PCB-206	0.77	0.65-0.89	y	112.9	50 - 145
13C-PCB-209	1.20	0.99-1.33	y	133.8	50 - 145

CRS vs. RS

13C-PCB-79	0.79	0.65-0.89	y	97.4	75 - 125
13C-PCB-178	0.45	0.38-0.52	y	99.6	75 - 125

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E2 S:1 Acq:10-APR-18 06:47:25 ConCal: ST180409E2-1
Lab ID: ST180409E2-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	1.40e+08	3.03	y 15:59	1.07	49.14		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.45e+08	3.02	y 18:22	1.06	48.06		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.49e+08	3.01	y 18:36	1.06	49.25		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.97e+08	1.58	y 19:59	1.24	94.99		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	2.55e+08	1.60	y 21:47	0.99	90.99		*	2.5	*	0.867	0.863-0.871
Di	PCB-6	1.37e+08	1.57	y 22:26	1.06	45.96		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.73e+08	1.57	y 22:51	1.03	94.03		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	1.41e+08	1.59	y 23:56	1.03	47.03		*	2.5	*	0.953	0.948-0.958
Di	PCB-11	1.48e+08	1.58	y 25:09	1.11	45.98		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	2.70e+08	1.58	y 25:32	1.02	91.36		*	2.5	*	1.016	1.011-1.021
Di	PCB-15	1.51e+08	1.59	y 25:51	1.05	49.24		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	1.06e+08	1.03	y 24:07	1.20	44.08		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.69e+08	1.04	y 25:01	1.93	43.56		*	2.5	*	1.039	1.034-1.044
Tri	PCB-18	1.18e+08	1.03	y 25:46	0.91	43.30		*	2.5	*	0.954	0.948-0.958
Tri	PCB-17	1.10e+08	1.03	y 25:56	0.84	43.63		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	3.03e+08	1.03	y 26:31	1.15	88.16		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	2.63e+08	1.03	y 27:01	1.02	86.21		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	1.26e+08	1.06	y 27:49	0.96	45.19		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	1.24e+08	1.03	y 27:55	0.95	44.97		*	2.5	*	0.963	0.958-0.968
Tri	PCB-29	1.21e+08	1.04	y 28:10	0.96	43.30		*	2.5	*	0.972	0.966-0.976
Tri	PCB-26	1.26e+08	1.04	y 28:22	1.00	42.98		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.32e+08	1.05	y 28:33	1.06	42.90		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	1.38e+08	1.19	y 28:54	1.10	43.07		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.47e+08	0.93	y 29:00	1.14	44.44		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	3.72e+08	1.04	y 29:36	1.00	128.4		*	2.5	*	1.021	1.017-1.027
Tri	PCB-22	1.37e+08	1.03	y 30:04	1.09	43.18		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	1.33e+08	1.04	y 30:40	1.15	46.45		*	2.5	*	0.933	0.929-0.939
Tri	PCB-39	1.24e+08	1.03	y 31:08	1.07	46.69		*	2.5	*	0.947	0.943-0.953
Tri	PCB-38	1.29e+08	1.05	y 31:55	1.10	46.97		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	1.34e+08	1.05	y 32:26	1.12	47.84		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	1.29e+08	1.04	y 32:53	1.11	46.41		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	1.46e+08	0.78	y 27:52	1.07	47.40		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	1.17e+08	0.78	y 29:03	0.87	46.73		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	1.09e+08	0.77	y 29:42	1.01	46.93		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	1.18e+08	0.77	y 30:02	1.10	46.59		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	9.15e+07	0.78	y 30:27	0.87	45.58		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	8.81e+07	0.78	y 30:57	0.84	45.72		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: DB

Date: 4/10/18

Reviewed by: CT Date: 4/12/18

Client ID: PCB CS3 17L3006 Filename: 180409E2 S:1 Acq:10-APR-18 06:47:25 ConCal: ST180409E2-1
Lab ID: ST180409E2-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-10 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	2.50e+08	0.78	y 31:26	1.21	89.45		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	1.60e+08	0.77	y 31:33	1.45	47.83		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	2.17e+08	0.78	y 31:43	1.01	93.16		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	1.09e+08	0.76	y 31:55	0.91	48.10		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	2.60e+08	0.77	y 32:02	1.13	91.72		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	1.37e+08	0.77	y 32:18	1.27	43.13		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	1.38e+08	0.78	y 32:25	1.10	50.23		*	2.5	*	1.016	1.011-1.021
Tetra	PCB-44	1.01e+08	0.78	y 32:43	0.85	47.24		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	2.31e+08	0.78	y 32:56	1.02	90.43		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	5.31e+08	0.78	y 33:32	1.17	182.3		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	1.41e+08	0.77	y 33:47	1.28	44.19		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	7.21e+07	0.78	y 33:60	0.62	46.20		*	2.5	*	1.066	1.060-1.070
Tetra	PCB-57	1.49e+08	0.77	y 34:22	1.13	44.71		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	1.48e+08	0.77	y 34:41	1.10	45.65		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	1.48e+08	0.78	y 34:48	1.12	44.71		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.31e+08	0.78	y 34:57	1.00	44.61		*	2.5	*	0.987	0.981-0.991
Tetra	PCB-74	1.59e+08	0.77	y 35:14	1.18	45.51		*	2.5	*	0.995	0.989-0.999
Tetra	PCB-61/70	2.73e+08	0.78	y 35:24	1.03	90.11		*	2.5	*	0.999	0.994-1.004
Tetra	PCB-76/66	3.03e+08	0.77	y 35:37	1.13	90.84		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	1.59e+08	0.78	y 35:52	1.19	45.93		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-55	1.57e+08	0.77	y 36:11	1.16	46.68		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	2.72e+08	0.77	y 36:40	1.04	90.14		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	1.47e+08	0.77	y 37:45	1.17	43.54		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	1.40e+08	0.78	y 38:26	1.10	46.86		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-81	1.26e+08	0.77	y 38:58	0.97	48.07		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-77	1.28e+08	0.79	y 39:33	1.08	46.30		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	1.06e+08	1.55	y 32:35	1.08	42.30		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	1.13e+08	1.58	y 33:50	1.13	42.81		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	8.86e+07	1.58	y 34:23	0.91	41.98		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	9.23e+07	1.57	y 34:44	0.93	42.90		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	7.14e+07	1.56	y 35:12	0.91	42.72		*	2.5	*	0.985	0.981-0.991
Penta	PCB-95/98/102	2.75e+08	1.56	y 35:41	1.17	128.5		*	2.5	*	0.999	0.994-1.004
Penta	PCB-93	7.24e+07	1.61	y 35:49	0.93	42.80		*	2.5	*	1.003	0.997-1.007
Penta	PCB-88/91	1.52e+08	1.56	y 36:06	0.97	85.32		*	2.5	*	1.011	1.005-1.015
Penta	PCB-121	1.31e+08	1.59	y 36:13	1.68	42.51		*	2.5	*	1.014	1.009-1.019
Penta	PCB-84/92	1.52e+08	1.56	y 37:03	0.97	85.76		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	8.33e+07	1.58	y 37:13	1.06	43.07		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E2 S:1 Acq:10-APR-18 06:47:25 ConCal: ST180409E2-1
Lab ID: ST180409E2-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	1.65e+08	1.57	y 37:25	1.08	84.32		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	1.09e+08	1.57	y 37:39	1.48	40.47		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	1.00e+08	1.59	y 37:45	1.25	43.91		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	1.09e+08	1.57	y 38:12	1.70	43.14		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	1.83e+08	1.56	y 38:21	1.40	88.03		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	1.13e+08	1.56	y 38:32	1.75	43.50		*	2.5	*	0.996	0.990-1.000
Penta	PCB-97	7.65e+07	1.57	y 38:43	1.17	43.93		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	7.62e+07	1.54	y 38:52	1.08	47.54		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.91e+08	1.57	y 39:00	1.55	126.5		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	2.27e+08	1.56	y 39:09	1.79	85.39		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	1.63e+08	1.59	y 39:16	1.29	85.17		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	1.23e+08	1.57	y 39:32	1.98	42.01		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	1.06e+08	1.58	y 39:40	1.69	42.64		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	6.92e+07	1.56	y 40:16	0.81	42.16		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	1.16e+08	1.74	y 40:58	1.30	44.11		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	2.25e+08	1.48	y 41:06	1.31	84.11		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	1.00e+08	1.59	y 41:16	1.12	44.01		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	2.25e+08	1.56	y 41:29	1.18	88.68		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	9.50e+07	1.54	y 42:06	1.11	44.79		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	8.95e+07	1.57	y 42:15	1.03	45.69		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	9.74e+07	1.54	y 42:59	1.12	45.63		*	2.5	*	1.001	0.995-1.005
Penta	PCB-127	1.04e+08	1.57	y 43:19	1.12	45.57		*	2.5	*	1.000	0.995-1.005
Penta	PCB-126	1.03e+08	1.55	y 45:13	1.20	45.45		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-155	9.42e+07	1.27	y 36:58	0.99	42.81		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-150	9.58e+07	1.27	y 38:13	1.02	41.91		*	2.5	*	1.034	1.030-1.040
Hexa	PCB-152	1.06e+08	1.27	y 38:42	1.16	40.98		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	1.01e+08	1.26	y 39:09	1.13	40.19		*	2.5	*	1.059	1.054-1.064
Hexa	PCB-136	8.99e+07	1.27	y 39:28	1.02	39.43		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	7.03e+07	1.26	y 39:35	0.77	40.79		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	7.78e+07	1.28	y 40:05	0.88	39.87		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	6.88e+07	1.27	y 40:42	0.75	41.02		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	8.03e+07	1.25	y 40:56	0.86	41.87		*	2.5	*	1.108	1.101-1.113
Hexa	PCB-144	7.01e+07	1.27	y 41:02	0.77	41.07		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	7.43e+07	1.28	y 41:10	0.80	41.43		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.65e+08	1.26	y 41:25	0.88	83.86		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	7.08e+07	1.26	y 41:37	0.77	41.27		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	1.62e+08	1.23	y 42:03	0.76	92.98		*	2.5	*	0.975	0.970-0.980

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E2 S:1 Acq:10-APR-18 06:47:25 ConCal: ST180409E2-1
Lab ID: ST180409E2-1 GC Column 1D: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.75e+08	1.23	y 42:20	0.82	94.24		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	7.90e+07	1.25	y 42:30	0.73	47.34		*	2.5	*	0.985	0.981-0.991
Hexa	PCB-146/165	2.17e+08	1.24	y 42:43	1.02	93.38		*	2.5	*	0.990	0.986-0.996
Hexa	PCB-132/161	2.17e+08	1.24	y 42:59	1.00	94.80		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	1.17e+08	1.25	y 43:09	1.08	47.83		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-168	1.15e+08	1.26	y 43:22	1.12	45.12		*	2.5	*	1.006	1.000-1.010
Hexa	PCB-141	9.21e+07	1.24	y 43:53	1.02	46.98		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-137	9.50e+07	1.22	y 44:15	1.10	44.72		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	7.69e+07	1.23	y 44:22	0.81	49.52		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-138/163/164	3.54e+08	1.24	y 44:44	1.23	140.5		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	2.28e+08	1.24	y 44:59	1.18	94.43		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	7.46e+07	1.24	y 45:13	0.78	46.74		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	1.30e+08	1.23	y 45:39	1.13	47.26		*	2.5	*	0.993	0.988-0.998
Hexa	PCB-159	1.36e+08	1.22	y 46:00	1.16	48.23		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-128/162	2.04e+08	1.23	y 46:16	0.89	93.85		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.18e+08	1.24	y 46:41	1.02	46.91		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-156	1.18e+08	1.22	y 47:58	1.06	45.70		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	1.15e+08	1.24	y 48:14	1.02	46.43		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	1.25e+08	1.25	y 50:26	1.13	46.43		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-188	1.16e+08	1.05	y 42:47	1.37	45.48		*	2.5	*	1.001	0.995-1.005
Hepta	PCB-184	1.13e+08	1.04	y 43:14	1.32	46.44		*	2.5	*	1.011	1.006-1.016
Hepta	PCB-179	1.18e+08	1.04	y 43:60	1.38	46.03		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	1.11e+08	1.05	y 44:28	1.31	45.96		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	1.24e+08	1.05	y 45:04	1.42	47.09		*	2.5	*	1.054	1.049-1.059
Hepta	PCB-178	8.45e+07	1.04	y 45:33	0.97	47.13		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	8.76e+07	1.04	y 45:54	1.00	47.41		*	2.5	*	1.074	1.069-1.079
Hepta	PCB-182/187	2.02e+08	1.05	y 46:05	1.14	95.71		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	9.99e+07	1.05	y 46:24	1.13	47.85		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	8.50e+07	1.04	y 47:03	1.36	46.82		*	2.5	*	0.956	0.950-0.960
Hepta	PCB-174	8.45e+07	1.04	y 47:24	1.42	44.61		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	9.55e+07	1.07	y 47:31	1.48	48.35		*	2.5	*	0.965	0.960-0.970
Hepta	PCB-177	8.32e+07	1.04	y 47:41	1.33	46.79		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	8.30e+07	1.05	y 47:59	1.37	45.25		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	7.72e+07	1.06	y 48:24	1.27	45.44		*	2.5	*	0.983	0.978-0.988
Hepta	PCB-172	8.57e+07	1.05	y 48:51	1.39	46.15		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	1.14e+08	1.05	y 49:03	1.80	47.15		*	2.5	*	0.996	0.991-1.001
Hepta	PCB-180	9.37e+07	1.05	y 49:16	1.52	46.14		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E2 S:1 Acq:10-APR-18 06:47:25 ConCal: ST180409E2-1
Lab ID: ST180409E2-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	1.02e+08	1.06	y 49:28	1.71	44.43		*	2.5	*	1.005	0.999-1.009
Hepta	PCB-191	1.07e+08	1.06	y 49:43	1.74	45.87		*	2.5	*	1.010	1.005-1.015
Hepta	PCB-170	8.05e+07	1.05	y 50:51	1.44	47.04		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	1.10e+08	1.04	y 51:03	1.95	47.23		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	1.05e+08	1.04	y 52:29	1.46	45.14		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	9.91e+07	0.89	y 48:11	1.06	45.72		*	2.5	*	1.001	0.995-1.005
Octa	PCB-201	9.07e+07	0.92	y 48:40	0.98	45.34		*	2.5	*	1.011	1.006-1.016
Octa	PCB-204	9.78e+07	0.85	y 48:50	1.07	44.66		*	2.5	*	1.014	1.009-1.019
Octa	PCB-197	9.73e+07	0.89	y 49:07	1.10	43.33		*	2.5	*	1.020	1.015-1.025
Octa	PCB-200	9.49e+07	0.89	y 50:02	1.04	44.55		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	7.60e+07	0.88	y 51:31	0.84	44.25		*	2.5	*	1.070	1.065-1.075
Octa	PCB-199	7.28e+07	0.89	y 51:38	0.80	44.52		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	1.55e+08	0.89	y 51:55	0.84	90.04		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	6.06e+07	0.91	y 53:09	1.04	43.37		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	6.88e+07	0.90	y 54:02	1.16	44.02		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	8.34e+07	0.90	y 54:19	1.33	46.42		*	2.5	*	1.005	1.000-1.010
Nona	PCB-208	8.18e+07	1.29	y 53:18	0.90	45.36		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	8.42e+07	1.31	y 53:37	0.89	47.10		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	6.68e+07	1.30	y 55:36	0.88	46.32		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	8.29e+07	1.18	y 56:56	1.04	45.07		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/10/18

Client ID: PCB CS3 17L3006 Filename: 180409E2 S:1 Acq:10-APR-18 06:47:25 ConCal: ST180409E2-1
Lab ID: ST180409E2-1 GC Column ID: ZB-1 ICal: PCBVG6-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	2.66e+08	3.11 y	1.13	15:58	0.618	0.616	0.622	77.0	77.0
13C-PCB-3	2.85e+08	3.08 y	1.21	18:35	0.720	0.716	0.724	76.8	76.8
13C-PCB-4	1.68e+08	1.57 y	0.59	19:56	0.772	0.769	0.777	92.2	92.2
13C-PCB-9	2.82e+08	1.51 y	0.94	21:44	0.841	0.837	0.845	98.0	98.0
13C-PCB-11	2.90e+08	1.54 y	0.95	25:07	0.973	0.968	0.978	100	100
13C-PCB-19	2.02e+08	1.05 y	0.62	24:05	0.933	0.928	0.938	106	106
13C-PCB-28	2.91e+08	1.08 y	1.05	28:59	1.004	0.999	1.009	116	116
13C-PCB-32	2.99e+08	1.06 y	0.91	27:01	1.046	1.041	1.051	107	107
13C-PCB-37	2.49e+08	1.07 y	1.02	32:52	1.138	1.132	1.144	102	102
13C-PCB-47	2.50e+08	0.80 y	0.83	31:55	0.871	0.867	0.875	105	105
13C-PCB-52	2.30e+08	0.78 y	0.76	31:24	0.857	0.853	0.861	106	106
13C-PCB-54	2.87e+08	0.79 y	0.93	27:51	0.760	0.756	0.764	108	108
13C-PCB-70	2.94e+08	0.79 y	1.00	35:25	0.966	0.961	0.971	103	103
13C-PCB-77	2.56e+08	0.79 y	0.96	39:32	1.079	1.073	1.083	93.5	93.5
13C-PCB-80	2.90e+08	0.80 y	1.00	35:51	0.978	0.973	0.983	102	102
13C-PCB-81	2.71e+08	0.79 y	1.01	38:57	1.063	1.057	1.067	94.3	94.3
13C-PCB-95	1.83e+08	1.58 y	0.80	35:43	0.913	0.908	0.918	110	110
13C-PCB-97	1.48e+08	1.60 y	0.70	38:42	0.989	0.984	0.994	102	102
13C-PCB-101	1.82e+08	1.62 y	0.80	37:25	0.956	0.951	0.961	110	110
13C-PCB-104	2.33e+08	1.59 y	1.01	32:33	0.832	0.828	0.836	112	112
13C-PCB-105	1.90e+08	1.57 y	1.14	42:57	0.929	0.924	0.934	95.8	95.8
13C-PCB-114	1.91e+08	1.57 y	1.18	42:06	0.910	0.905	0.915	92.7	92.7
13C-PCB-118	2.15e+08	1.59 y	1.00	41:27	1.059	1.054	1.064	105	105
13C-PCB-123	2.03e+08	1.59 y	0.95	41:16	1.054	1.049	1.059	104	104
13C-PCB-126	1.89e+08	1.57 y	1.14	45:12	0.977	0.972	0.982	95.8	95.8
13C-PCB-127	2.04e+08	1.58 y	1.24	43:18	0.936	0.931	0.941	94.6	94.6
13C-PCB-138	2.04e+08	1.27 y	1.17	44:42	0.967	0.962	0.972	100	100
13C-PCB-141	1.93e+08	1.27 y	1.11	43:52	0.948	0.944	0.954	100	100
13C-PCB-153	2.28e+08	1.26 y	1.34	43:08	0.933	0.928	0.938	98.2	98.2
13C-PCB-155	2.23e+08	1.26 y	0.83	36:57	0.944	0.939	0.949	131	131
13C-PCB-156	2.43e+08	1.26 y	1.38	47:57	1.037	1.032	1.042	101	101
13C-PCB-157	2.42e+08	1.28 y	1.37	48:13	1.043	1.037	1.047	102	102
13C-PCB-159	2.44e+08	1.26 y	1.39	45:59	0.994	0.989	0.999	101	101
13C-PCB-167	2.47e+08	1.25 y	1.40	46:39	1.009	1.004	1.014	102	102
13C-PCB-169	2.39e+08	1.26 y	1.39	50:26	1.091	1.085	1.095	98.8	98.8
13C-PCB-170	1.19e+08	0.47 y	0.86	50:50	1.103	1.097	1.109	102	102
13C-PCB-180	1.34e+08	0.46 y	0.98	49:14	1.069	1.064	1.074	101	101
13C-PCB-188	1.85e+08	0.45 y	1.40	42:45	0.928	0.923	0.933	97.2	97.2
13C-PCB-189	1.59e+08	0.46 y	1.15	52:27	1.138	1.132	1.144	102	102
13C-PCB-194	1.35e+08	0.89 y	0.77	54:02	0.995	0.990	1.000	97.8	97.8
13C-PCB-202	2.05e+08	0.91 y	1.28	48:10	1.045	1.040	1.050	117	117
13C-PCB-206	1.64e+08	0.77 y	0.81	55:35	1.024	1.019	1.029	113	113
13C-PCB-208	2.01e+08	0.78 y	1.09	53:17	0.981	0.977	0.987	103	103
13C-PCB-209	1.77e+08	1.20 y	0.74	56:55	1.048	1.043	1.053	134	134

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.87e+08	0.79 y	1.03	37:43	1.029	1.024	1.034	97.4	97.4
13C-PCB-178	1.26e+08	0.45 y	0.93	45:32	0.985	0.980	0.990	99.6	99.6

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.87e+08	0.79 y	1.03	37:43	0.969	0.963	0.973	103	103
13C-PCB-178	1.26e+08	0.45 y	0.95	45:32	0.925	0.920	0.930	98.8	98.8

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	3.06e+08	1.55 y	1.00	25:50	100
13C-PCB-31	2.40e+08	1.07 y	1.00	28:53	100
13C-PCB-60	2.85e+08	0.79 y	1.00	36:39	100
13C-PCB-111	2.06e+08	1.60 y	1.00	39:09	100
13C-PCB-128	1.74e+08	1.28 y	1.00	46:15	100
13C-PCB-182	1.36e+08	0.46 y	1.00	46:05	100
13C-PCB-205	1.79e+08	0.90 y	1.00	54:18	100

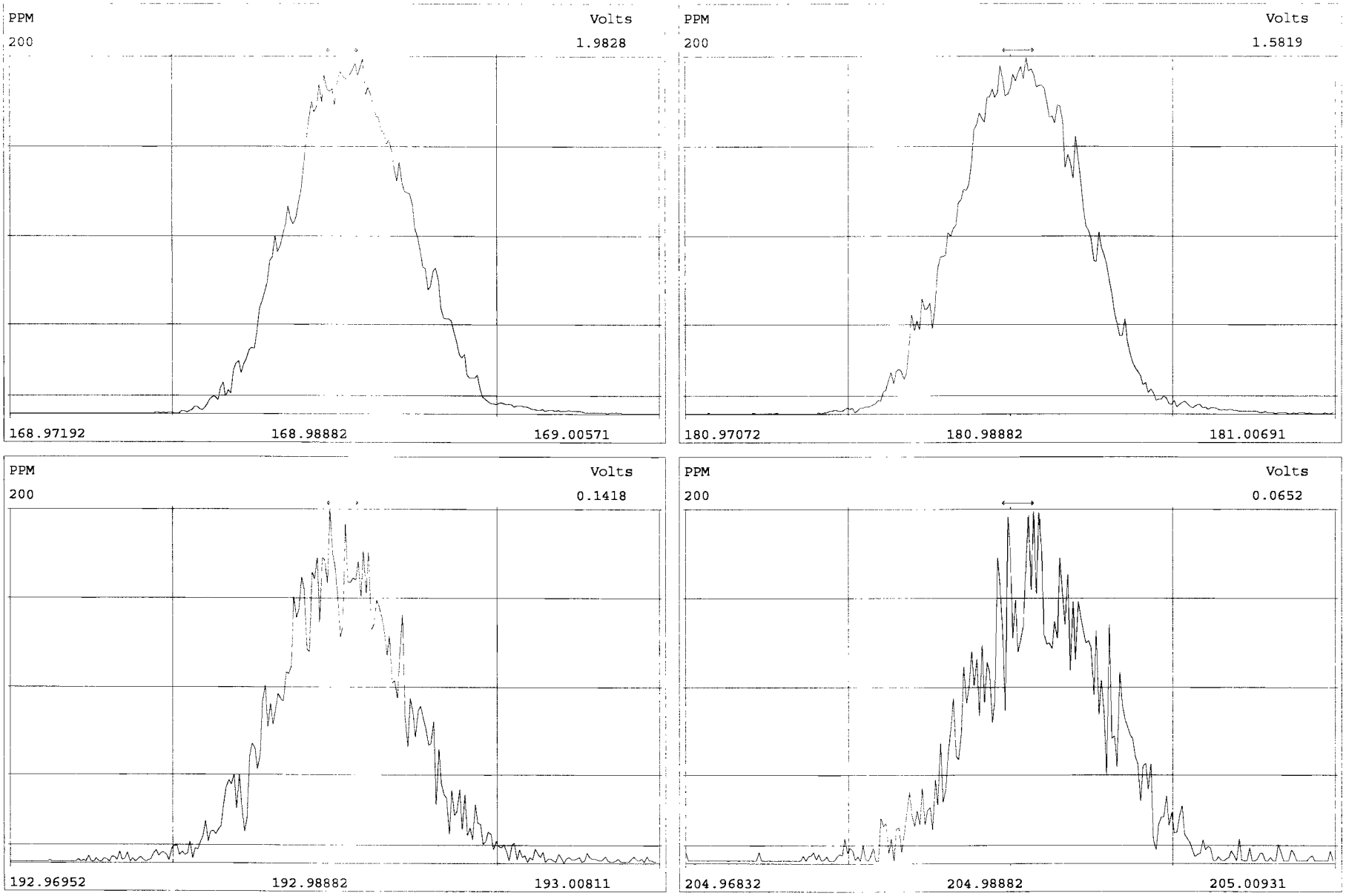
Analyst: DB

Date: 4/10/18

Vista Analytical Laboratory - Injection Log Run file: 180409E2 Instrument ID: VG-8 GC Column ID: ZB-1

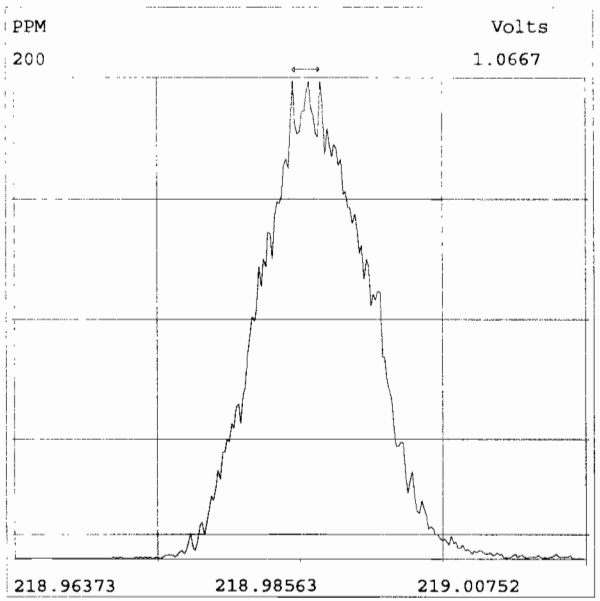
Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180409E2	1	ST180409E2-1	DB	10-APR-18	06:47:25	ST180409E2-1	NA
180409E2	2	SOLVENT BLANK	DB	10-APR-18	07:52:34	ST180409E2-1	NA
180409E2	3	1701560-07	DB	10-APR-18	08:57:40	ST180409E2-1	NA
180409E2	4	1701613-01	DB	10-APR-18	10:02:47	ST180409E2-1	NA
180409E2	5	1701613-02	DB	10-APR-18	11:07:54	ST180409E2-1	NA
180409E2	6	1701613-03	DB	10-APR-18	12:13:05	ST180409E2-1	NA
180409E2	7	1701613-04	DB	10-APR-18	13:18:15	ST180409E2-1	NA
180409E2	8	1701613-05	DB	10-APR-18	14:23:26	ST180409E2-1	NA
180409E2	9	1701667-01	DB	10-APR-18	15:28:36	ST180409E2-1	NA
180409E2	10	1701667-02	DB	10-APR-18	16:33:47	ST180409E2-1	NA
180409E2	11	1701667-03	DB	10-APR-18	17:38:57	ST180409E2-1	NA
180409E2	12	1701755-01	DB	10-APR-18	18:44:07	ST180409E2-1	NA

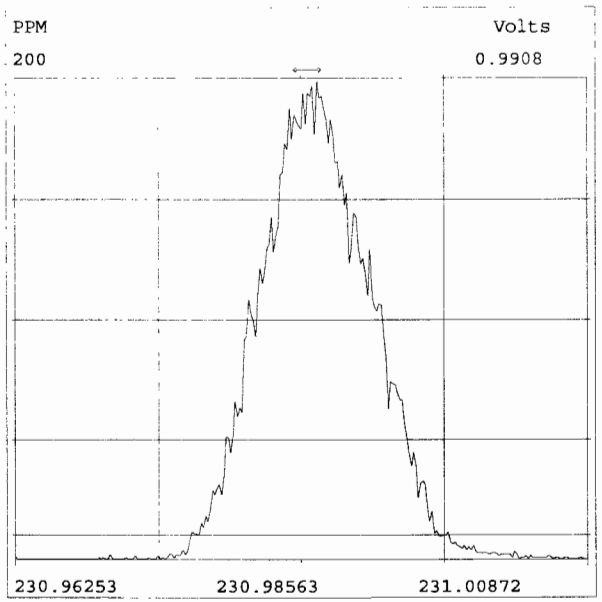
Peak Locate Examination:10-APR-2018:06:42 File:RES_CHECK
Experiment:PCB_ZB1 Function:1 Reference:PFK

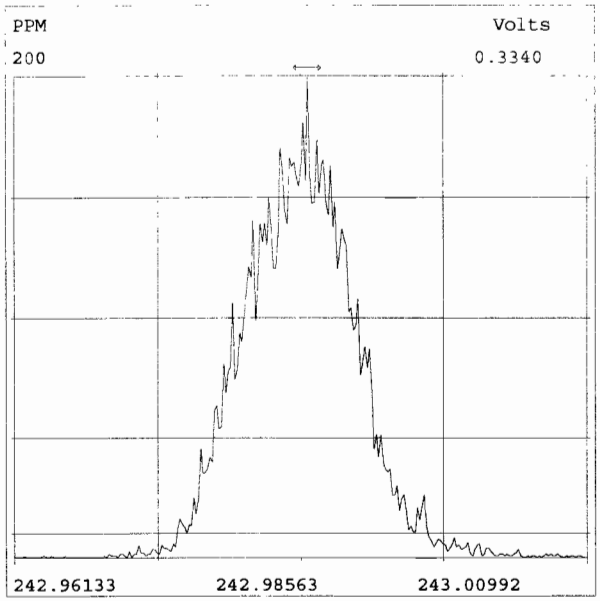


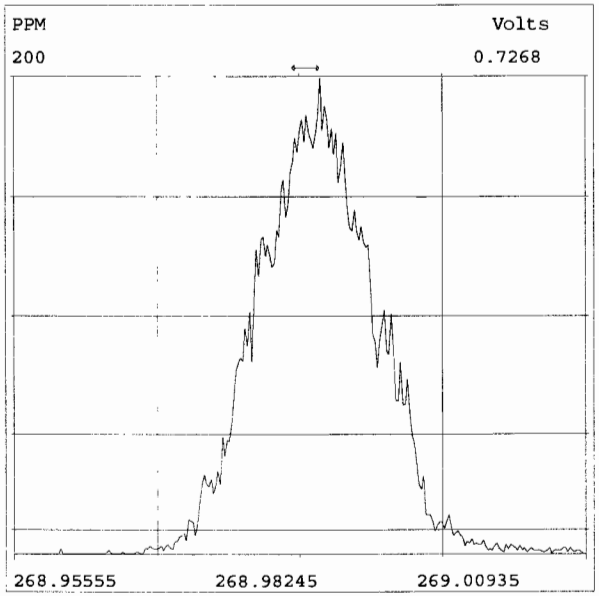
Peak Locate Examination:10-APR-2018:06:43 File:RES_CHECK

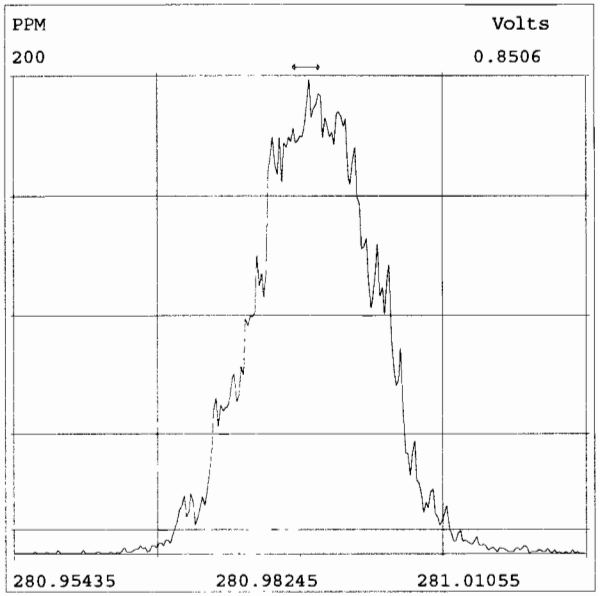
Experiment:PCB_ZB1 Function:2 Reference:PFK





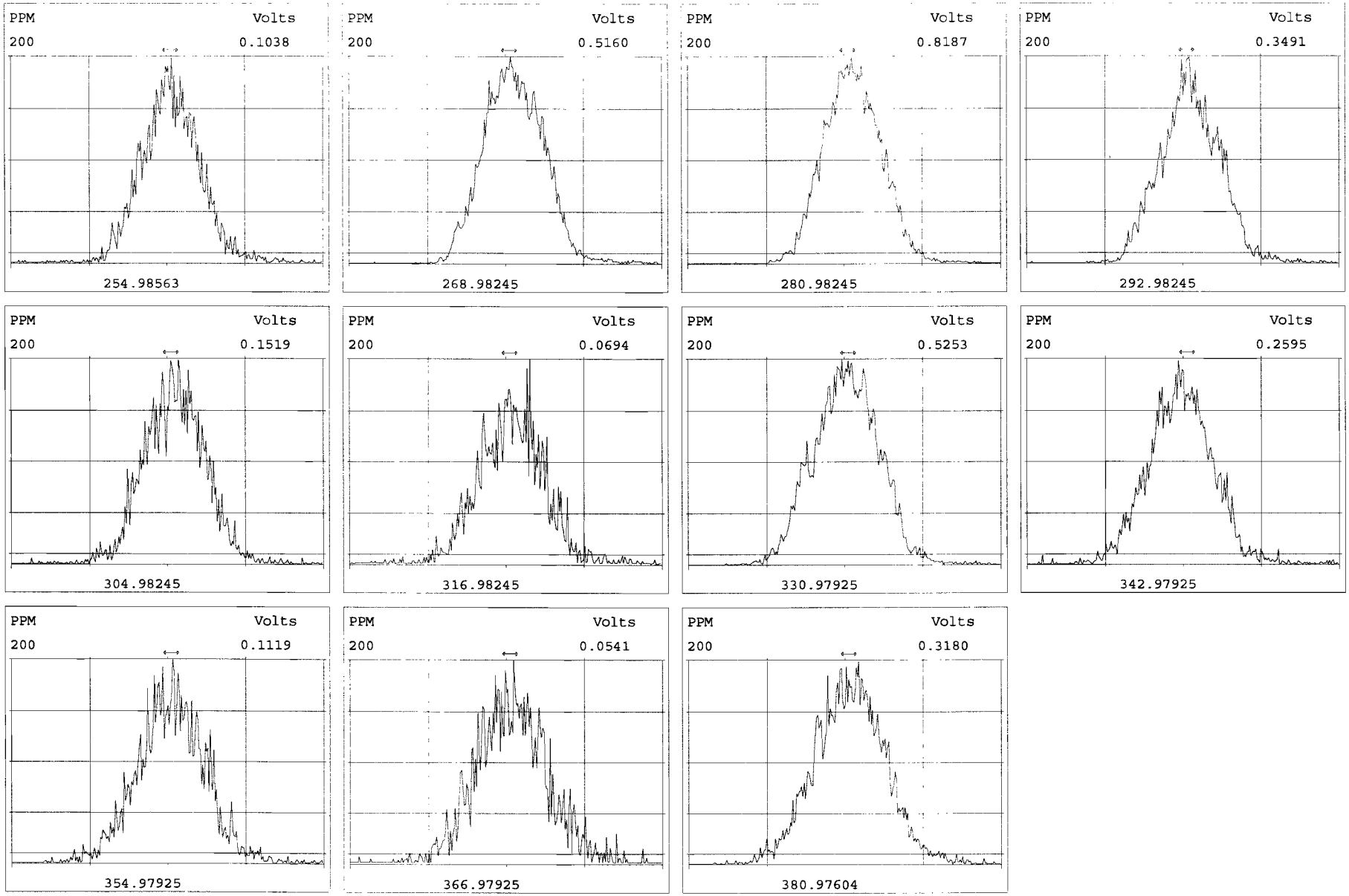






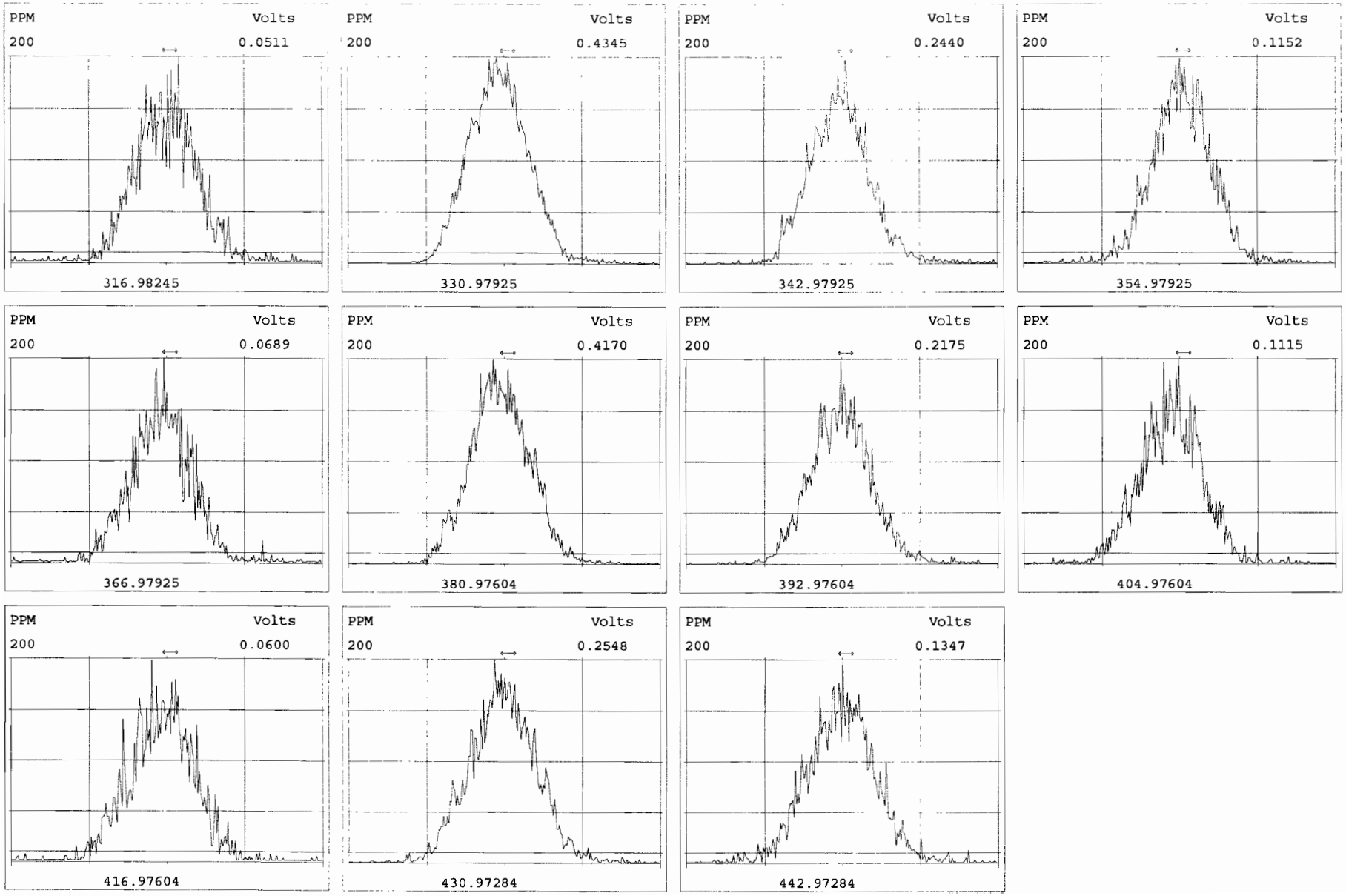
Peak Locate Examination:10-APR-2018:06:44 File:RES_CHECK

Experiment:PCB_ZB1 Function:3 Reference:PFK



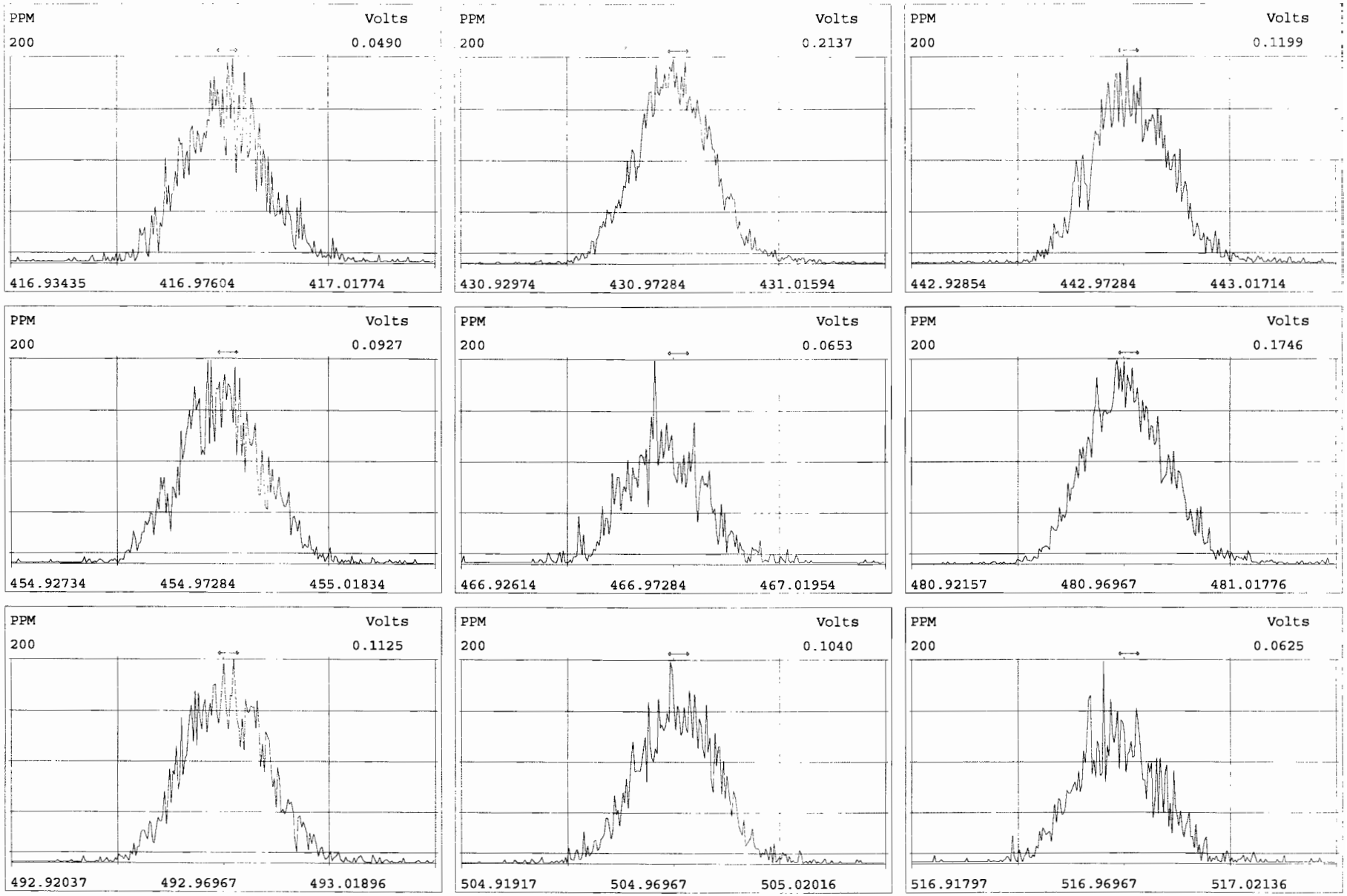
Peak Locate Examination:10-APR-2018:06:45 File:RES_CHECK

Experiment:PCB_ZB1 Function:4 Reference:PFK

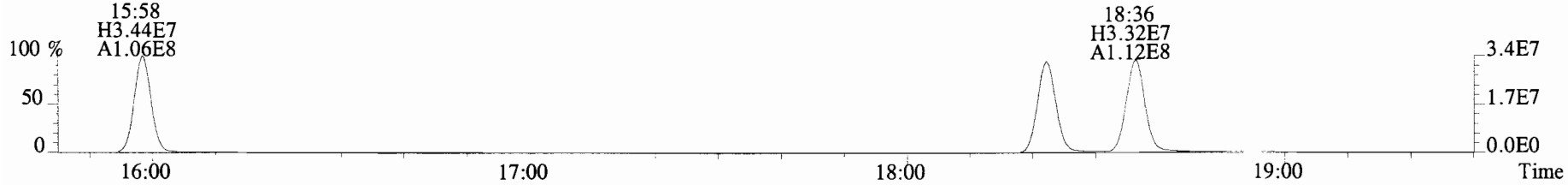


Peak Locate Examination:10-APR-2018:06:46 File:RES_CHECK

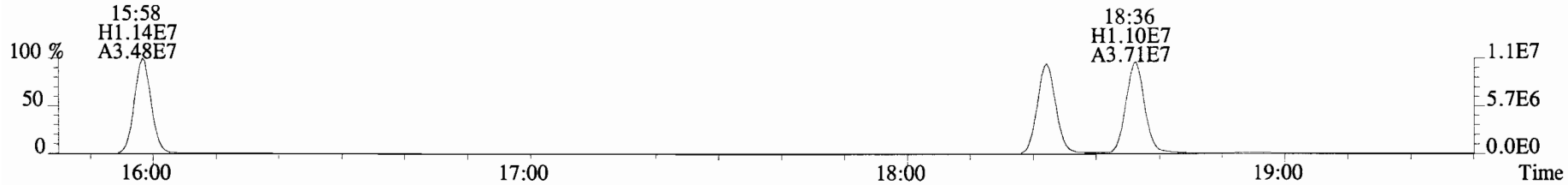
Experiment:PCB_ZB1 Function:5 Reference:PFK



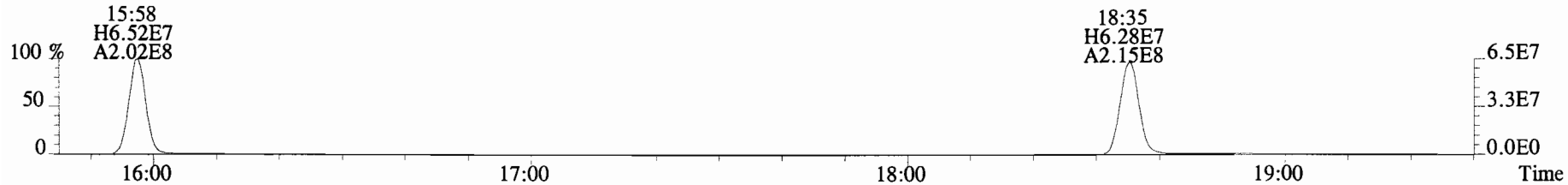
File:180409E2 #1-867 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5248.0,0.00%,F,F)



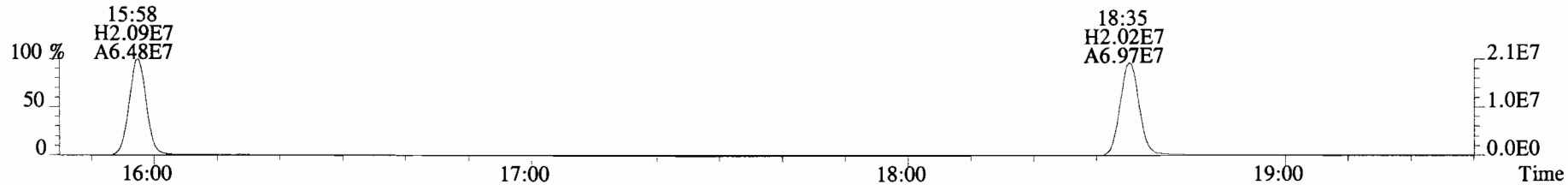
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3352.0,0.00%,F,F)



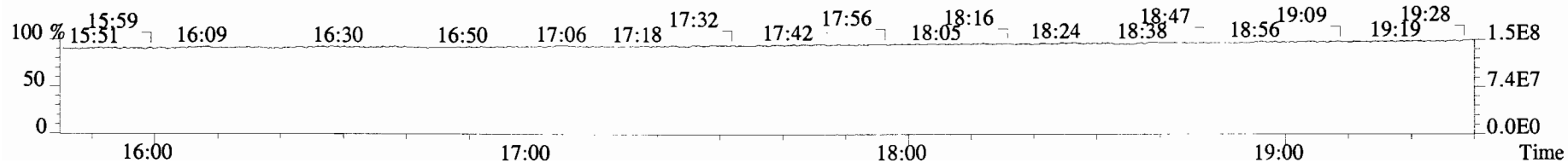
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5708.0,0.00%,F,F)



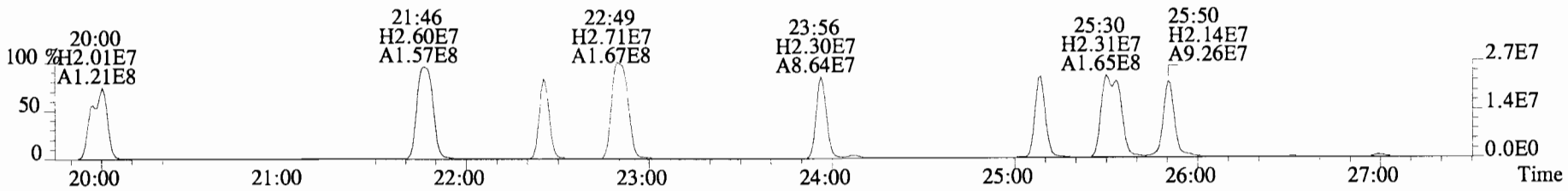
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27788.0,0.00%,F,F)



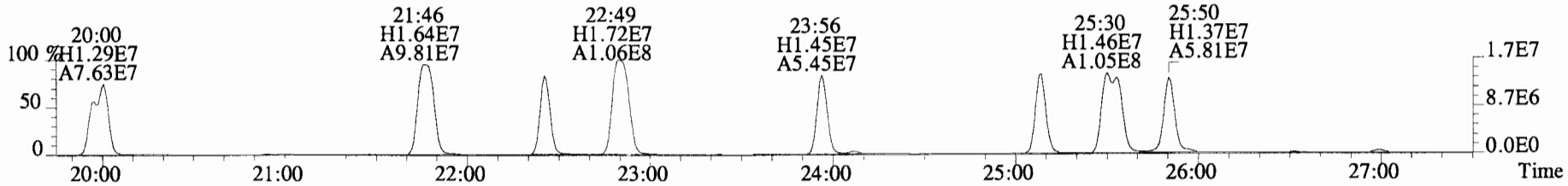
180.9880



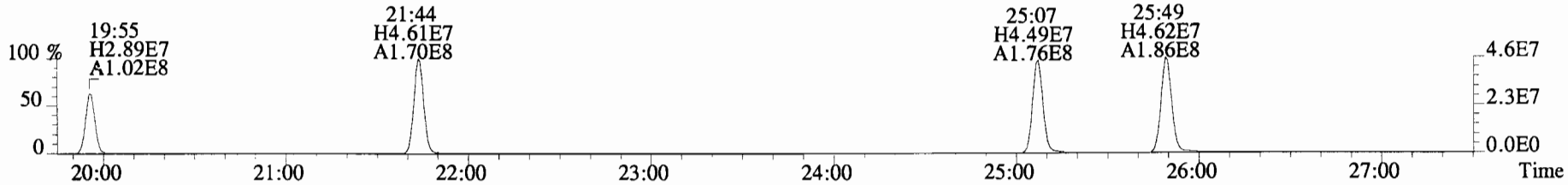
File:180409E2 #1-757 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12028.0,0.00%,F,F)



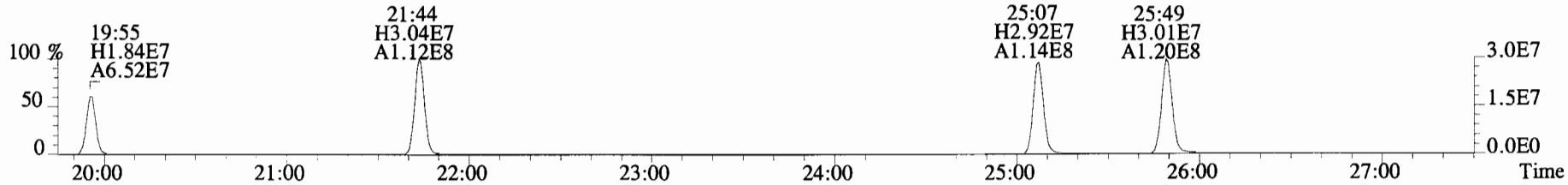
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,61176.0,0.00%,F,F)



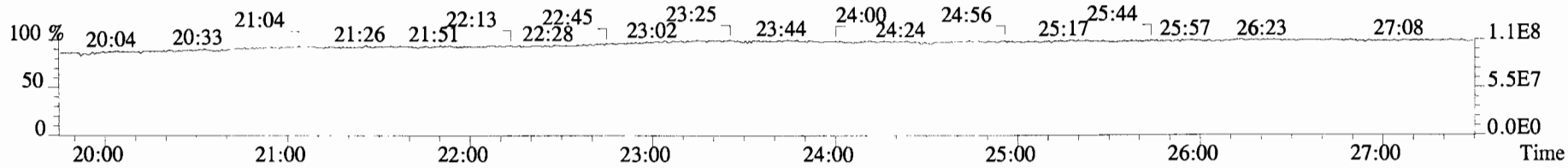
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6788.0,0.00%,F,F)



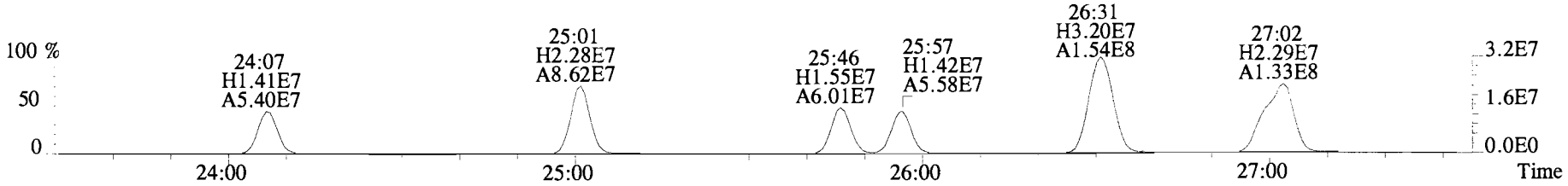
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4932.0,0.00%,F,F)



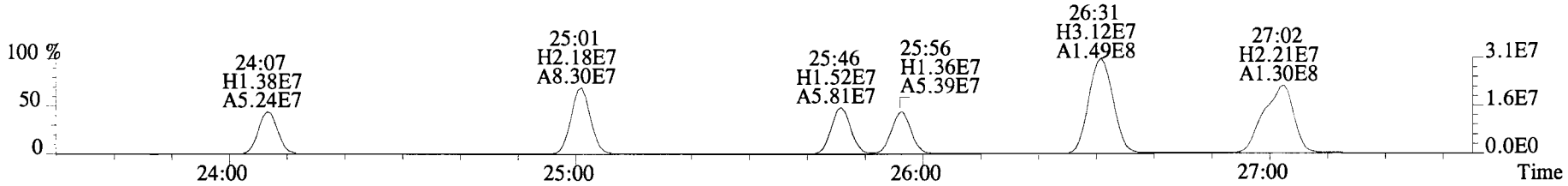
230.9856 F:2



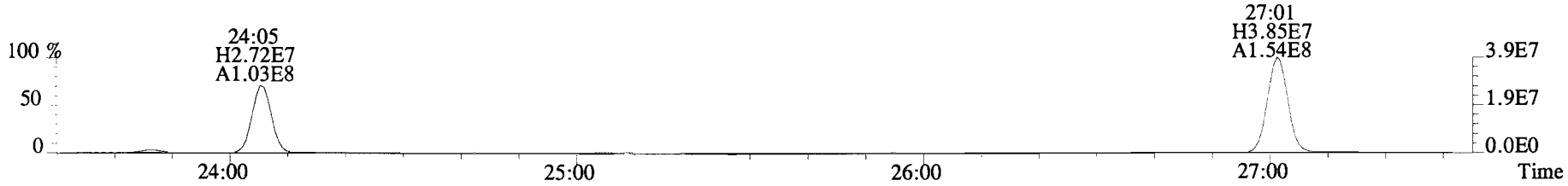
File:180409E2 #1-757 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3632.0,0.00%,F,F)



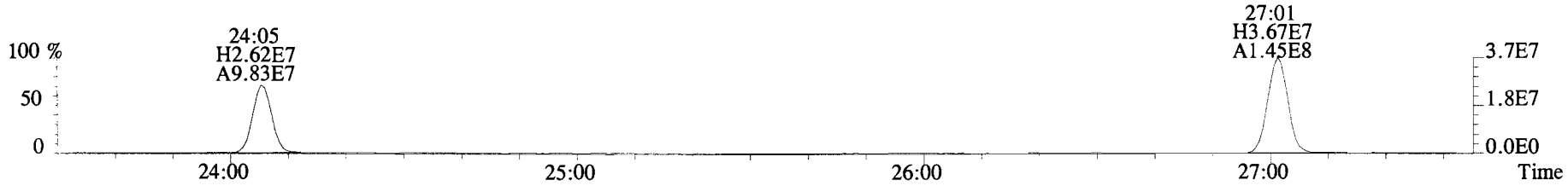
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2220.0,0.00%,F,F)



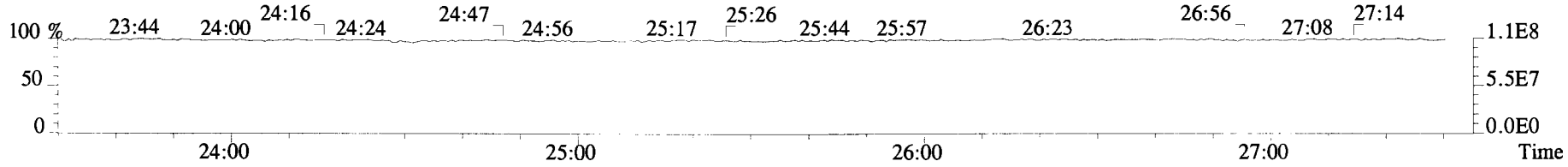
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,110032.0,0.00%,F,F)



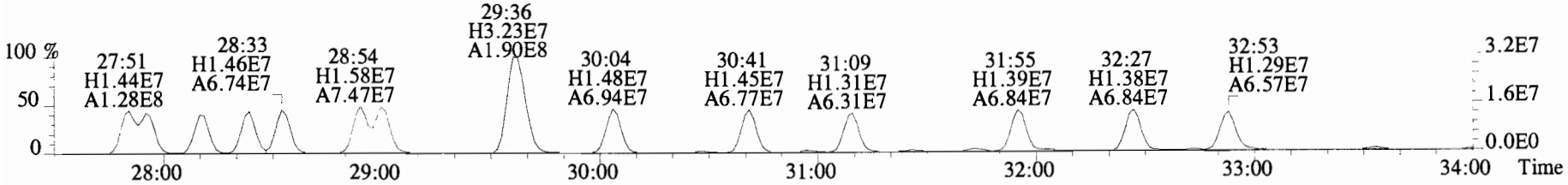
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,152216.0,0.00%,F,F)



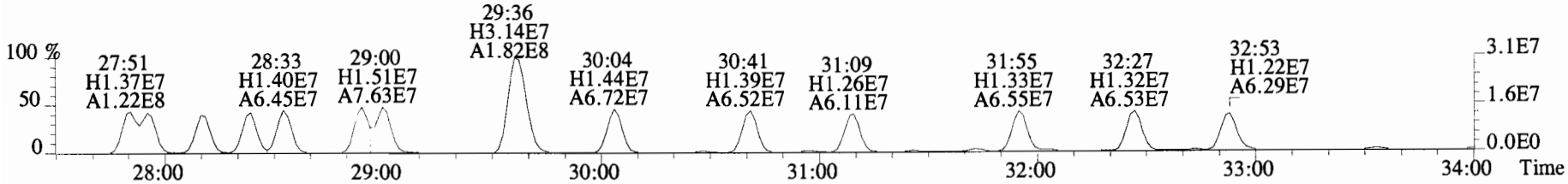
230.9856 F:2



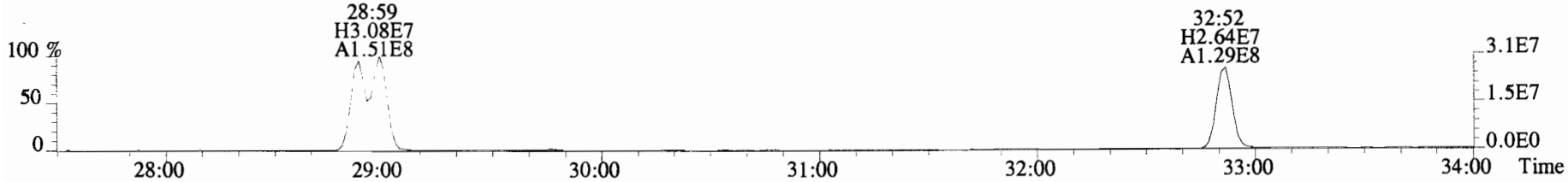
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50828.0,0.00%,F,F)



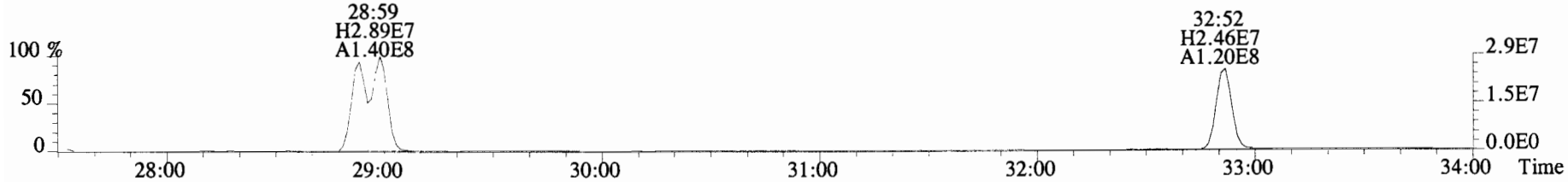
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47244.0,0.00%,F,F)



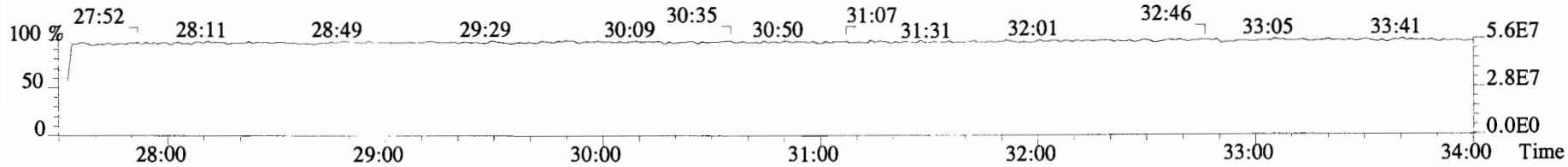
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113928.0,0.00%,F,F)



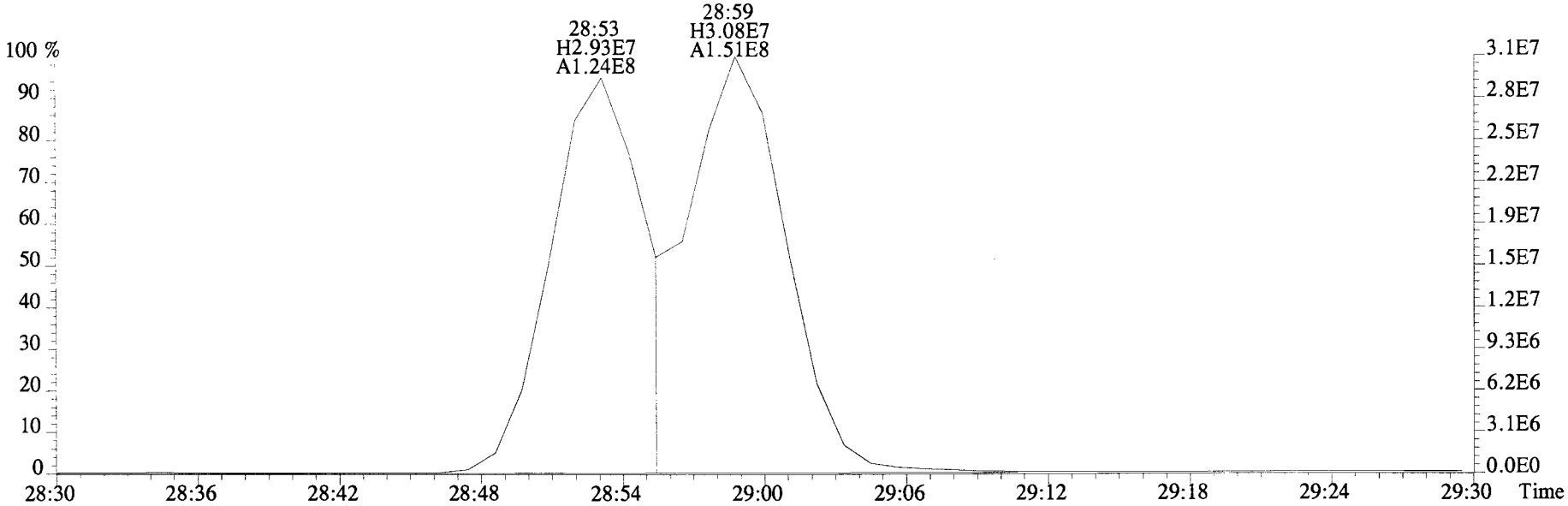
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,140712.0,0.00%,F,F)



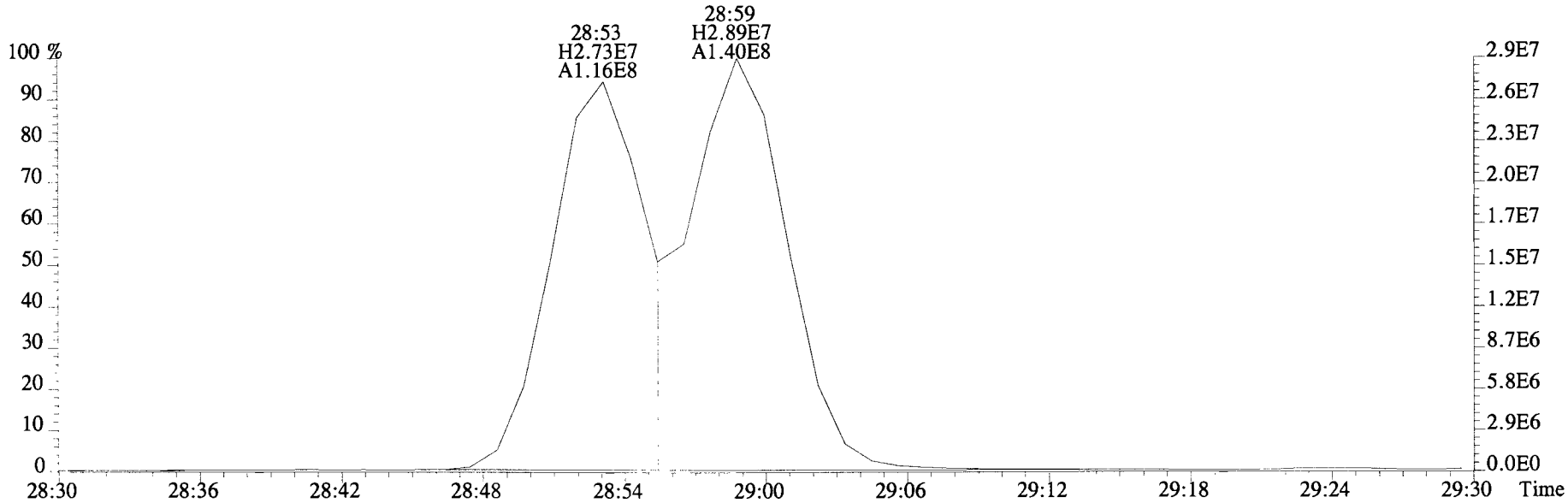
330.9792 F:3



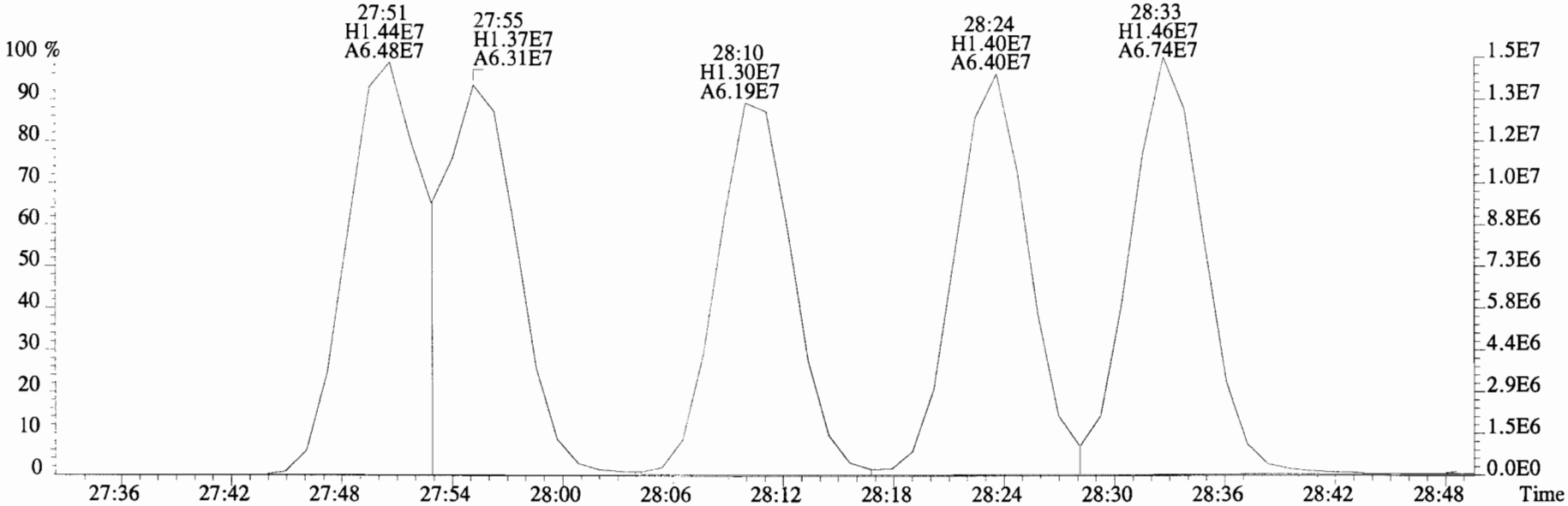
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113928.0,0.00%,F,F)



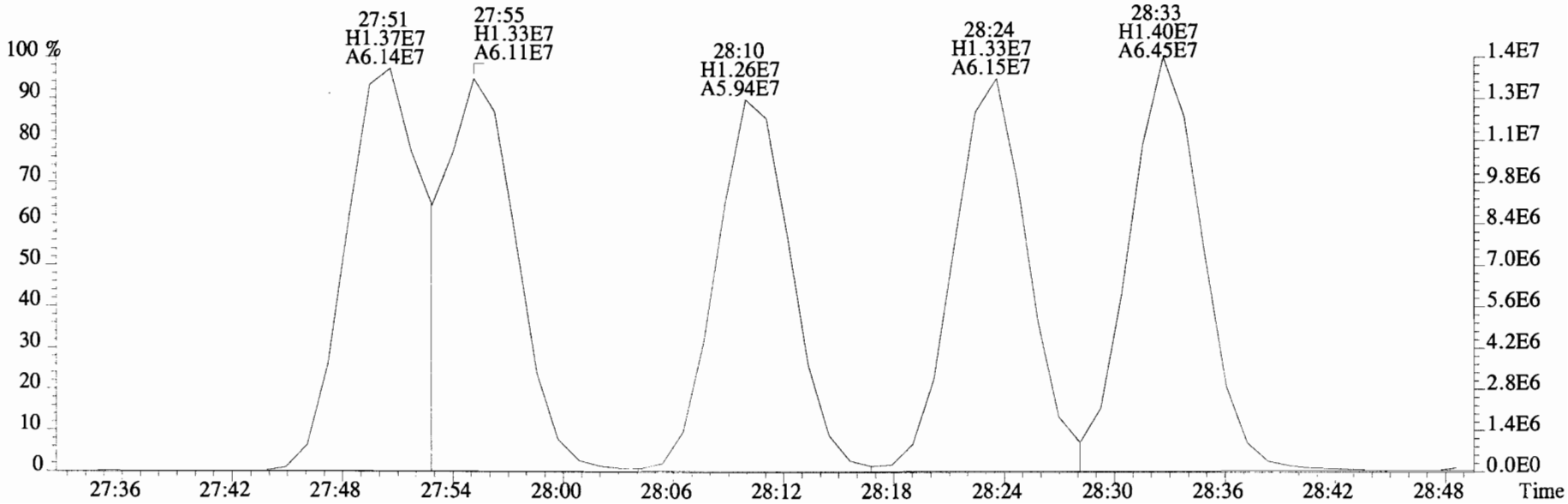
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,140712.0,0.00%,F,F)



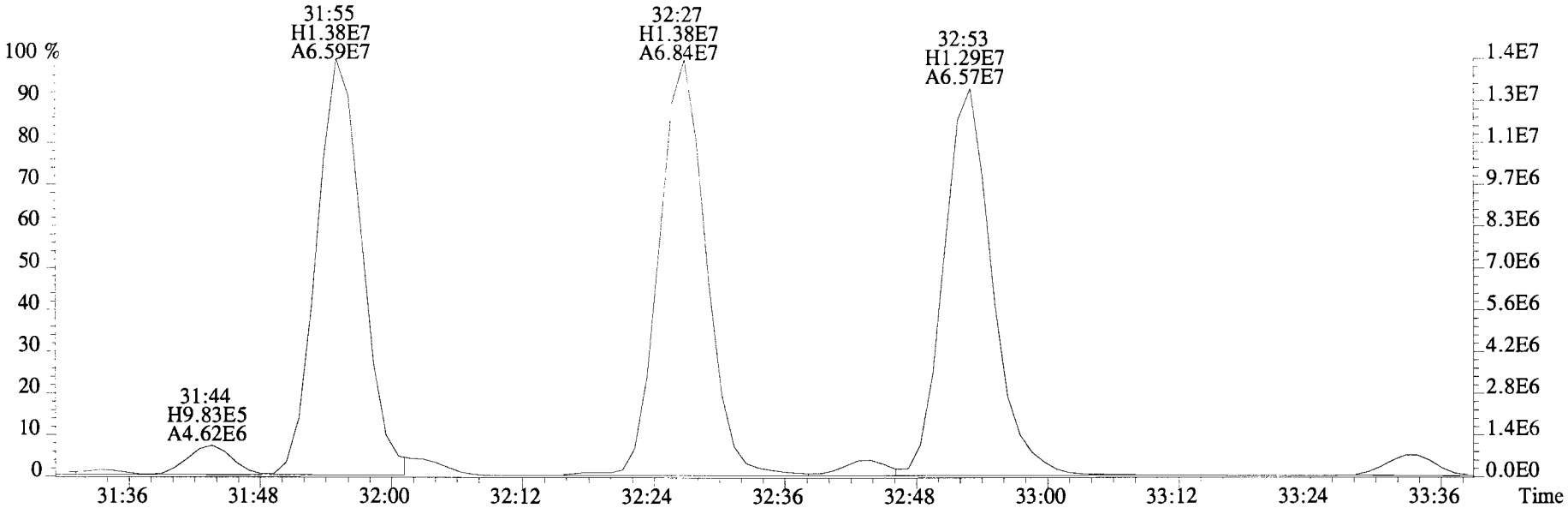
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50828.0,0.00%,F,F)



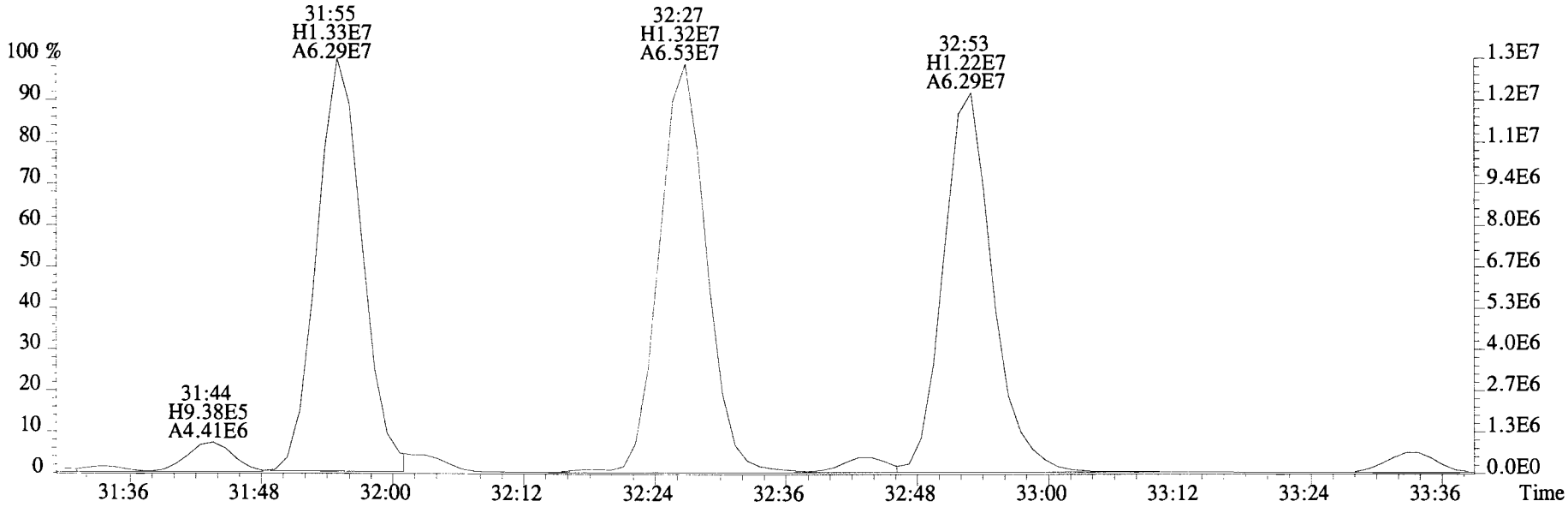
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47244.0,0.00%,F,F)



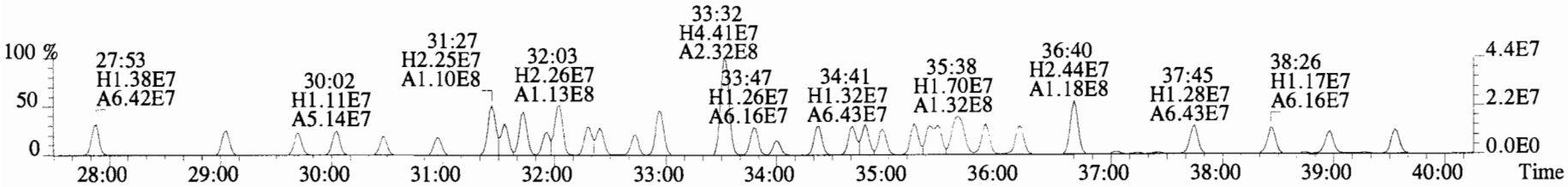
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50828.0,0.00%,F,F)



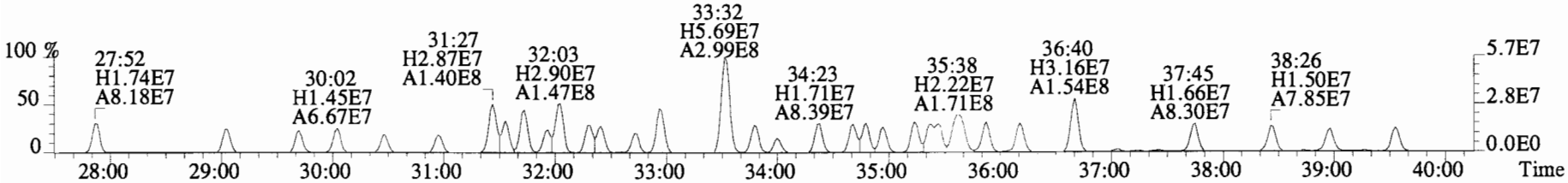
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47244.0,0.00%,F,F)



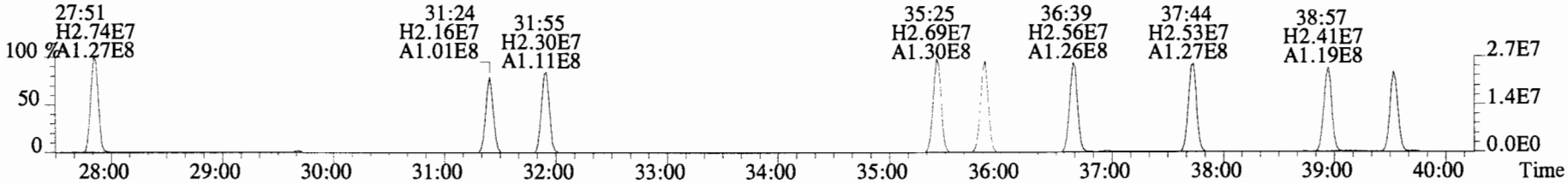
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36840.0,0.00%,F,F)



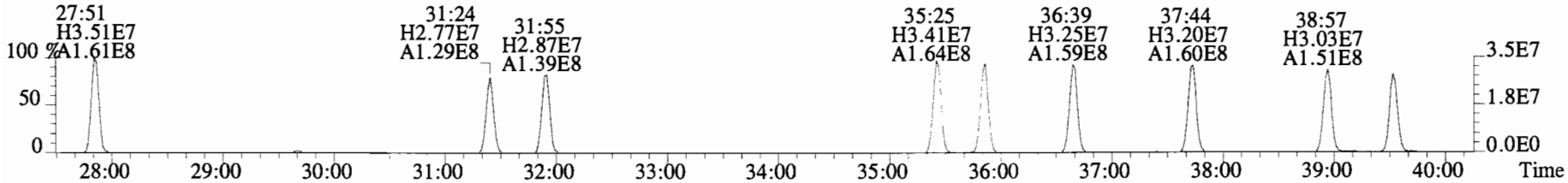
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49964.0,0.00%,F,F)



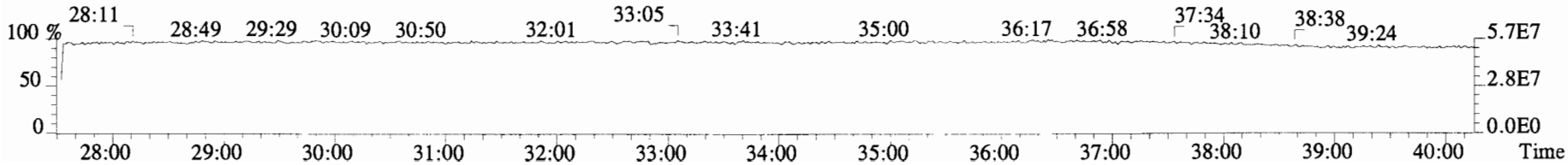
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28444.0,0.00%,F,F)



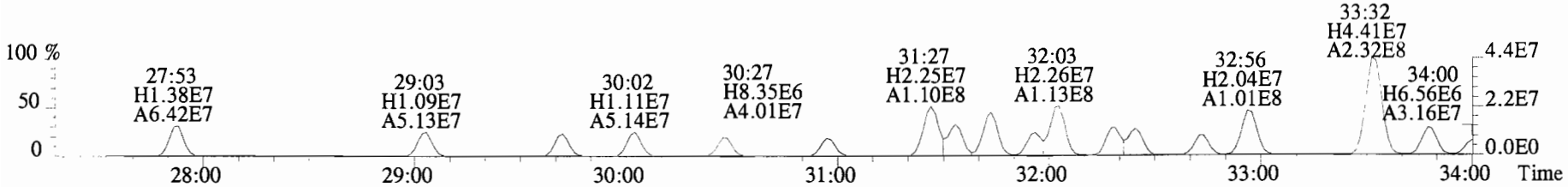
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22552.0,0.00%,F,F)



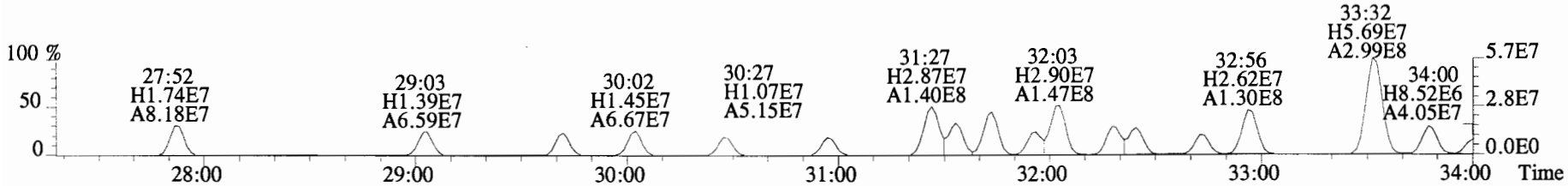
330.9792 F:3



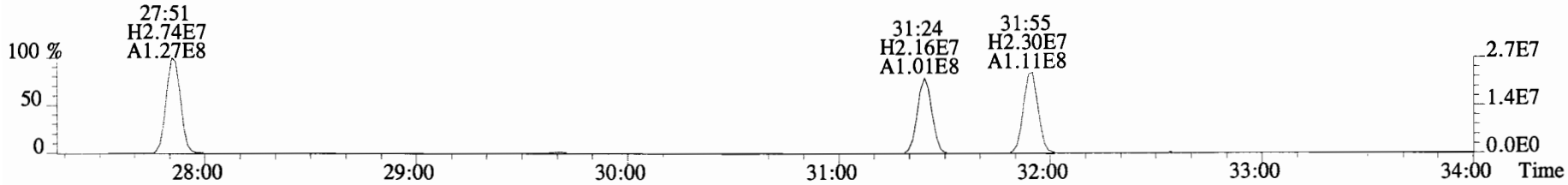
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36840.0,0.00%,F,F)



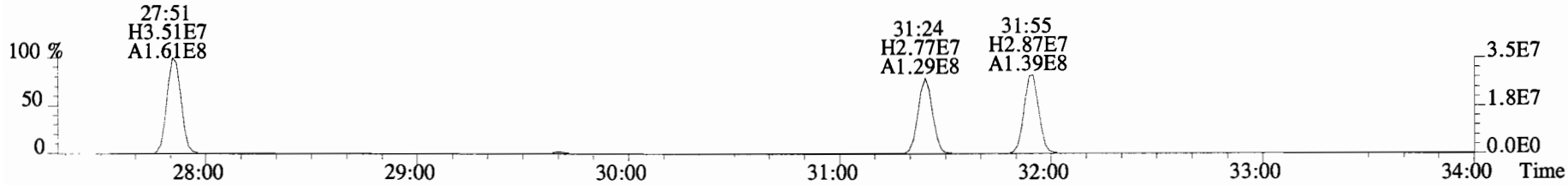
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49964.0,0.00%,F,F)



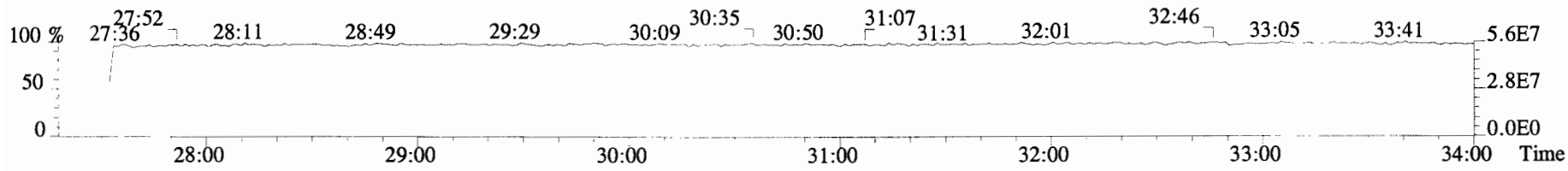
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28444.0,0.00%,F,F)



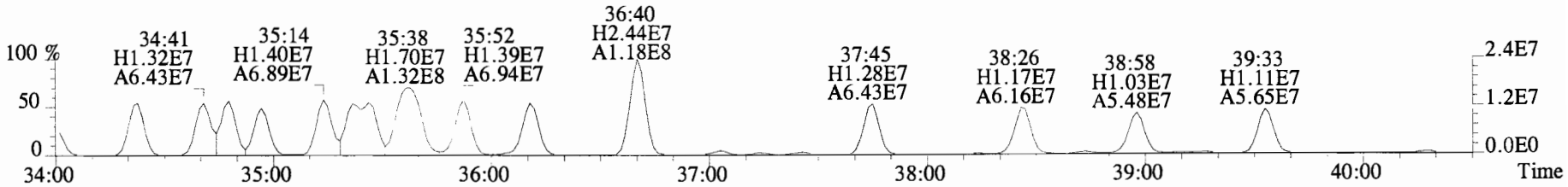
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22552.0,0.00%,F,F)



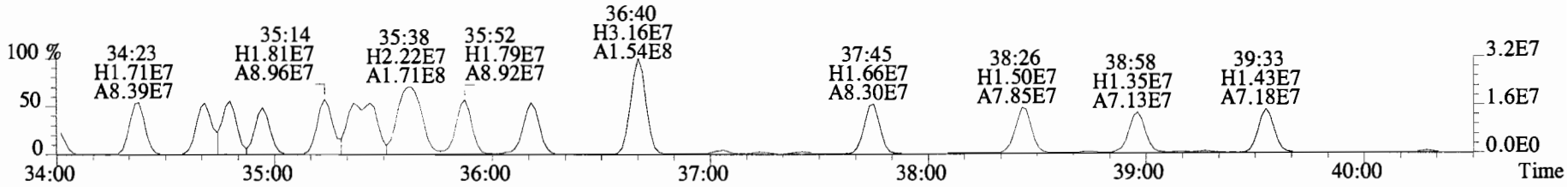
330.9792 F:3



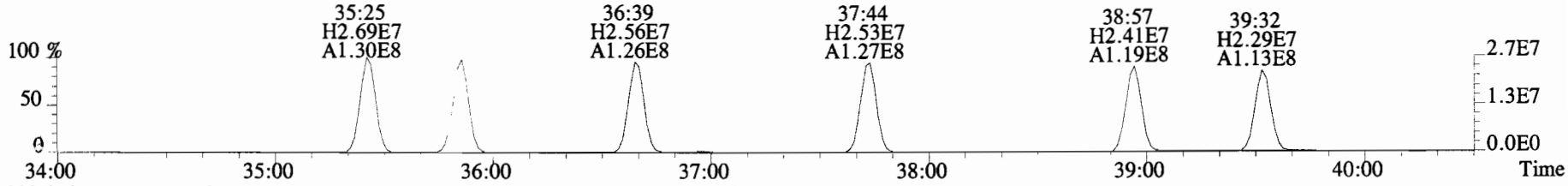
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36840.0,0.00%,F,F)



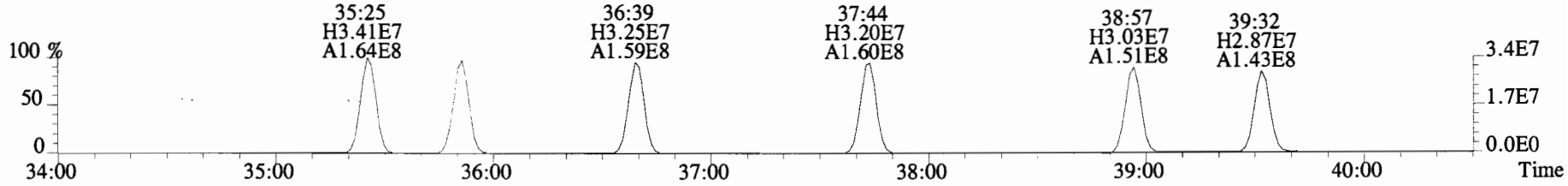
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49964.0,0.00%,F,F)



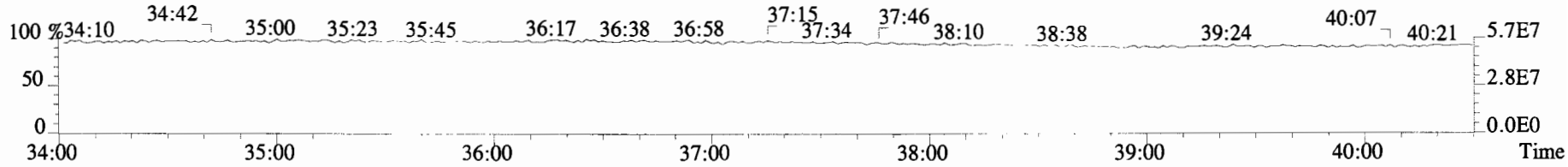
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28444.0,0.00%,F,F)



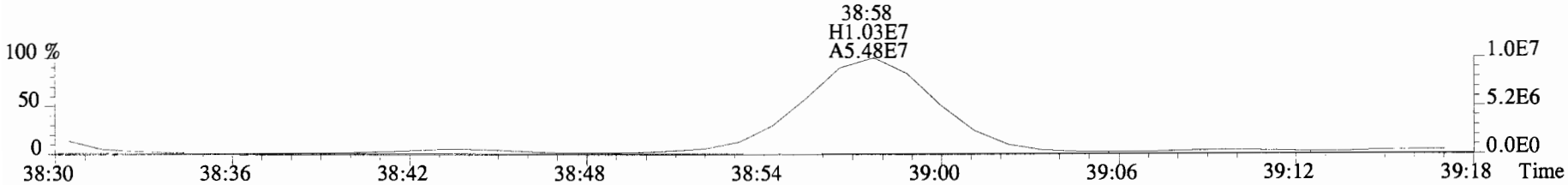
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22552.0,0.00%,F,F)



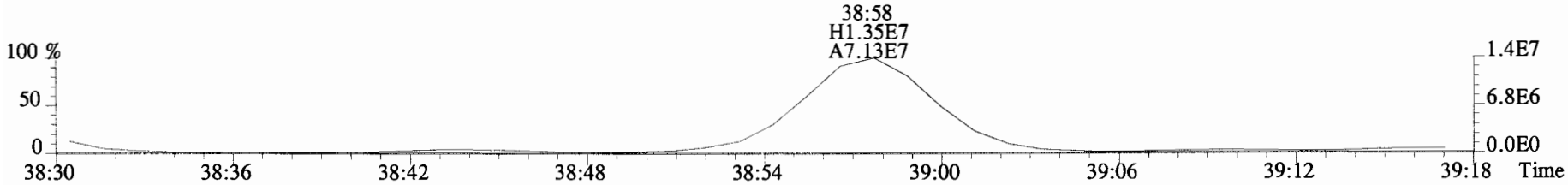
330.9792 F:3



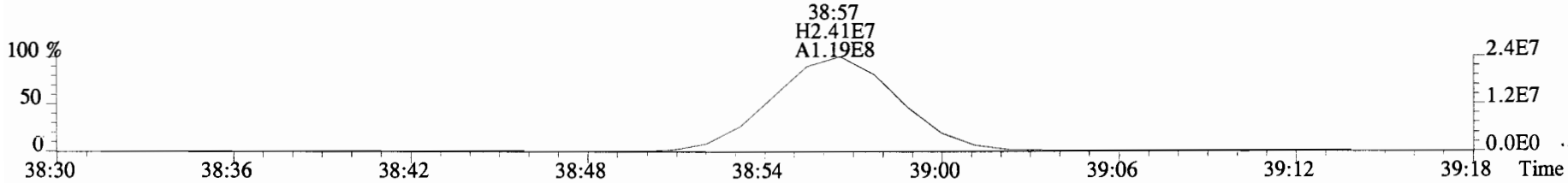
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36840.0,0.00%,F,F)



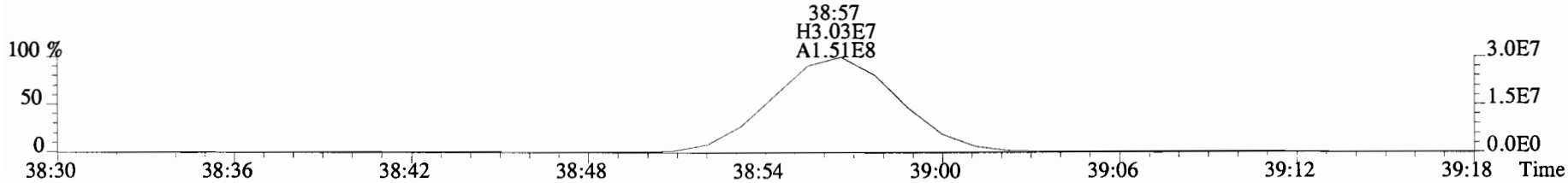
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49964.0,0.00%,F,F)



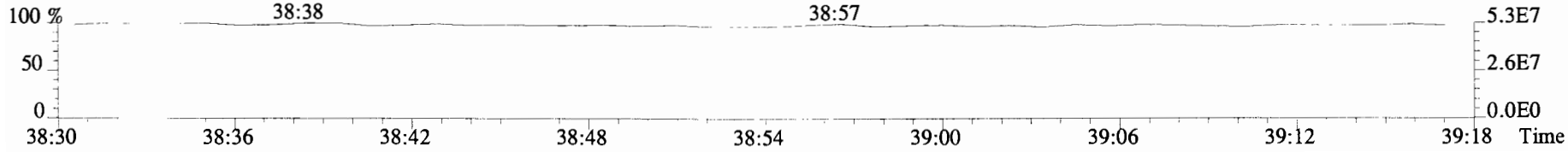
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28444.0,0.00%,F,F)



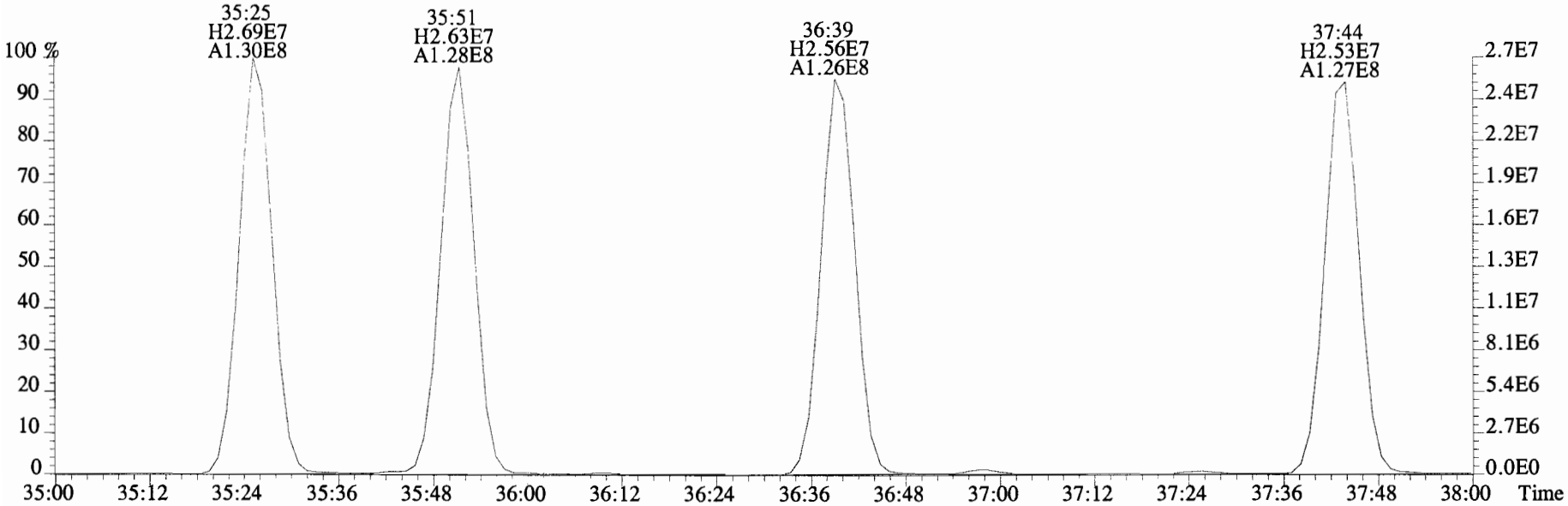
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22552.0,0.00%,F,F)



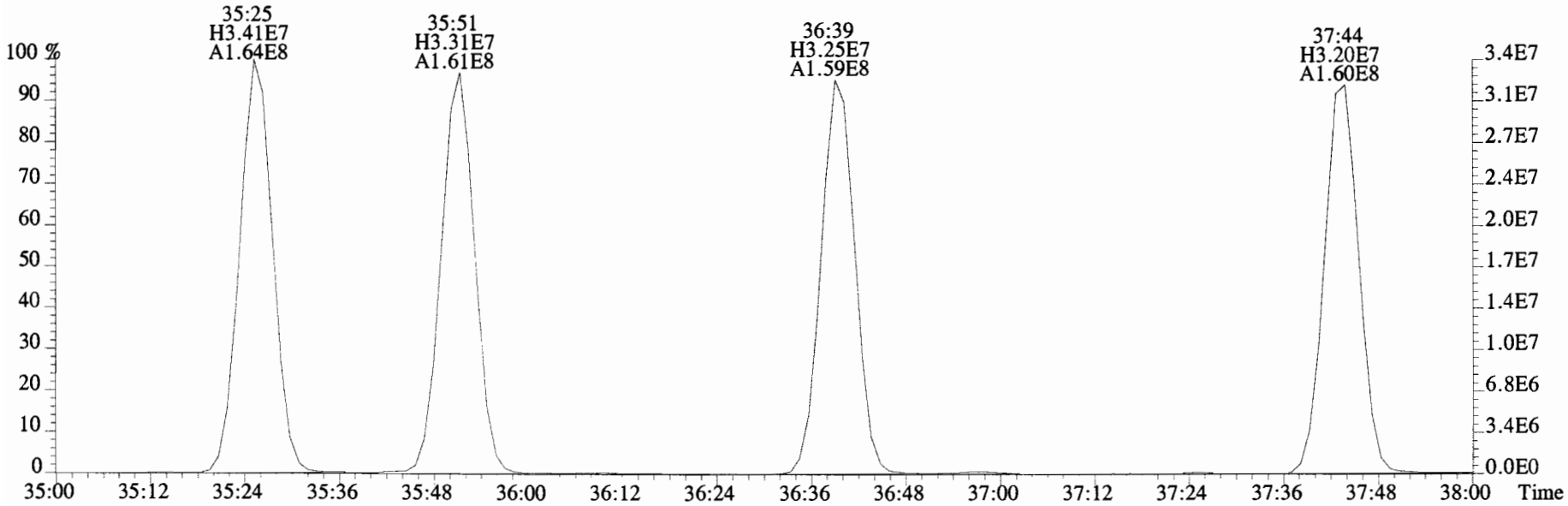
330.9792 F:3



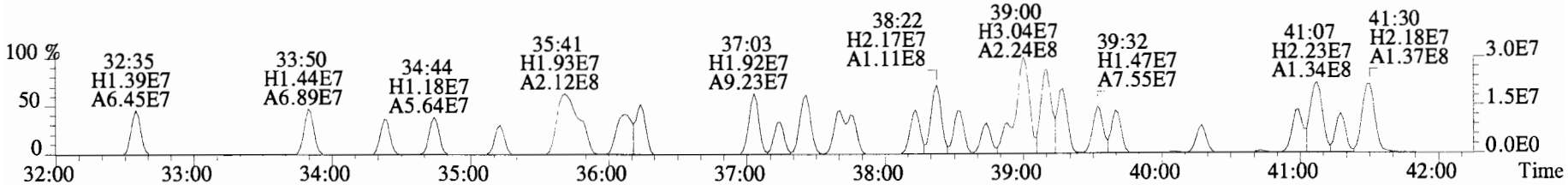
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28444.0,0.00%,F,F)



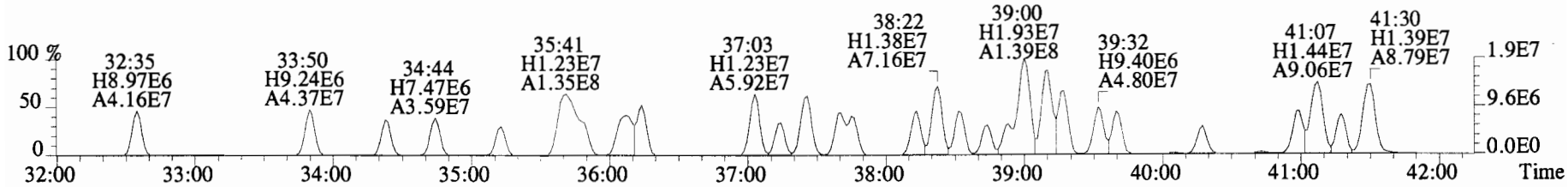
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22552.0,0.00%,F,F)



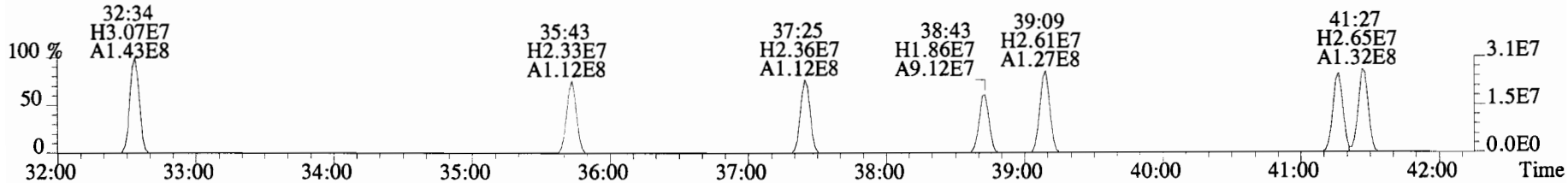
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



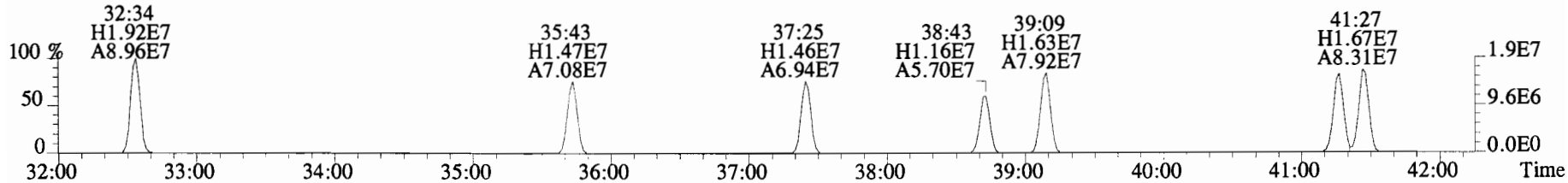
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



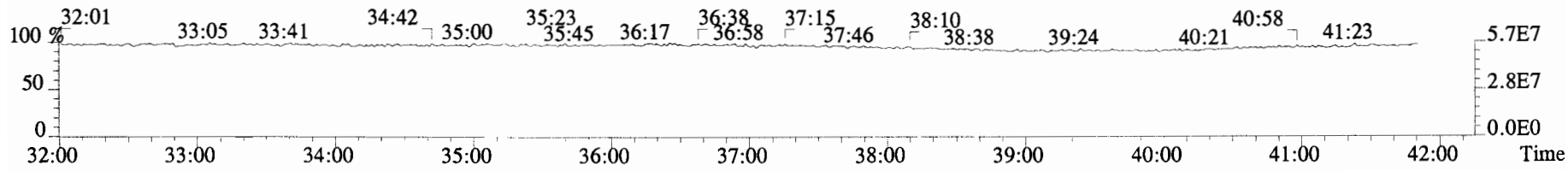
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3884.0,0.00%,F,F)



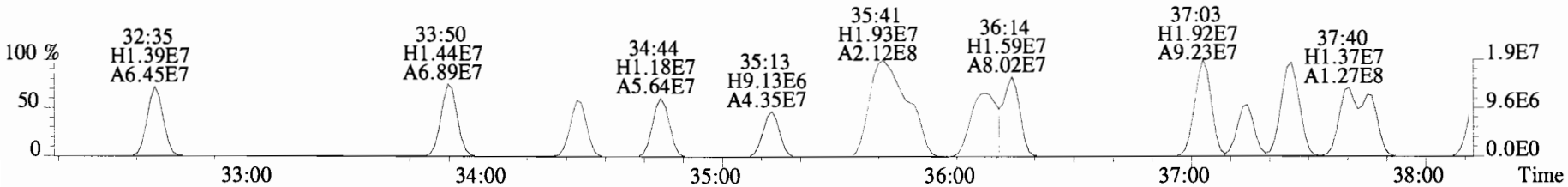
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3828.0,0.00%,F,F)



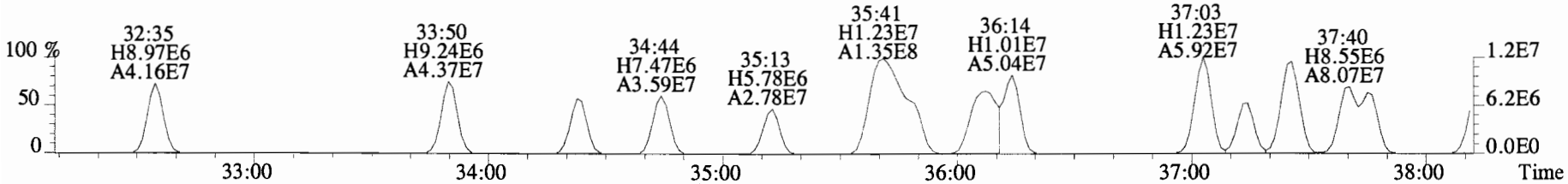
330.9792 F:3



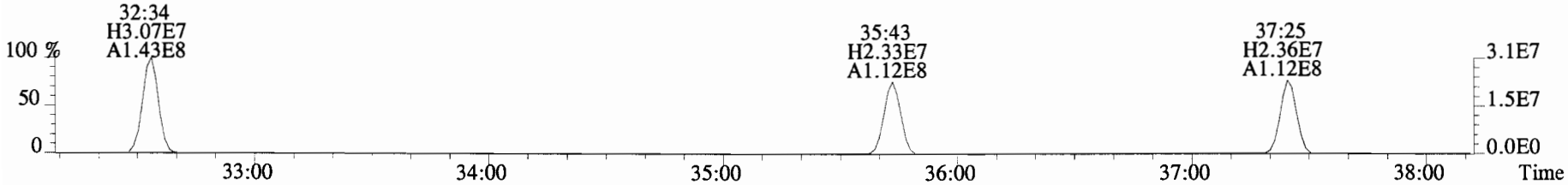
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



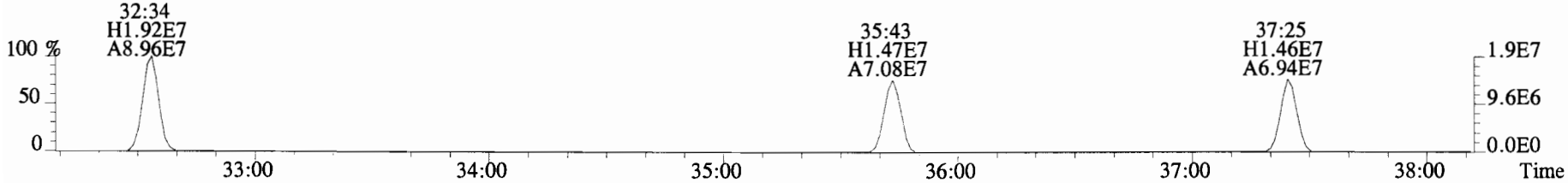
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



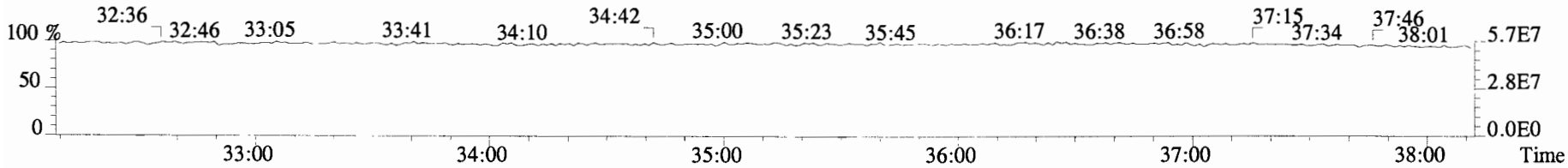
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3884.0,0.00%,F,F)



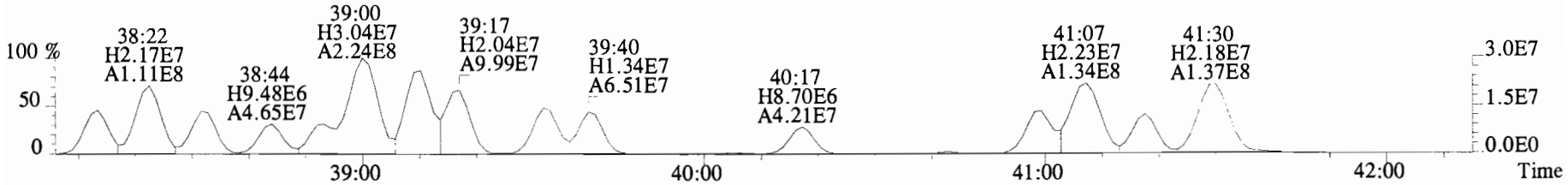
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3828.0,0.00%,F,F)



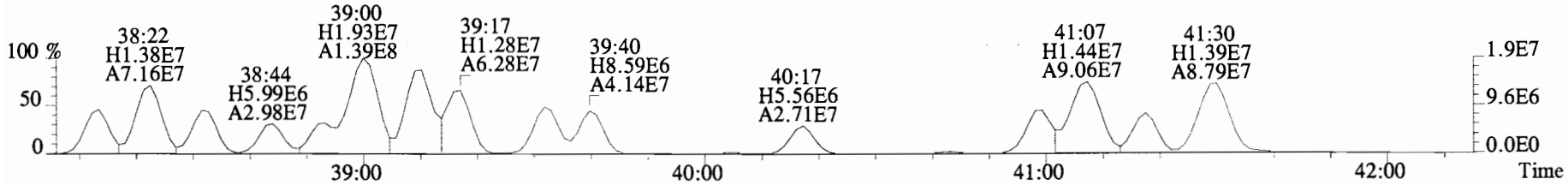
330.9792 F:3



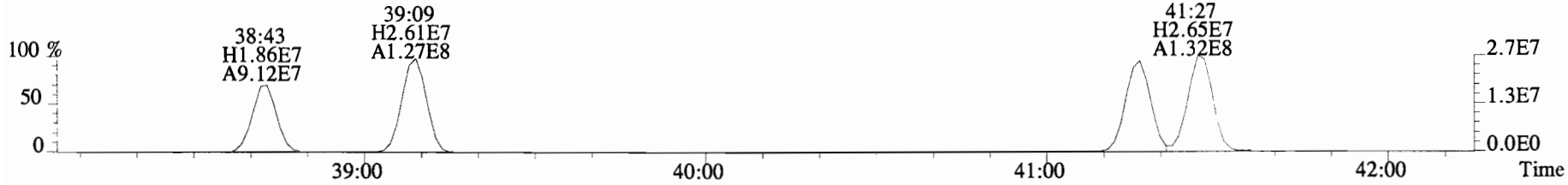
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



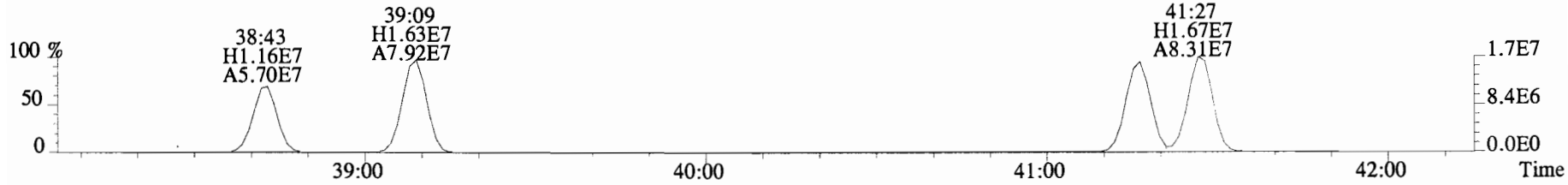
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



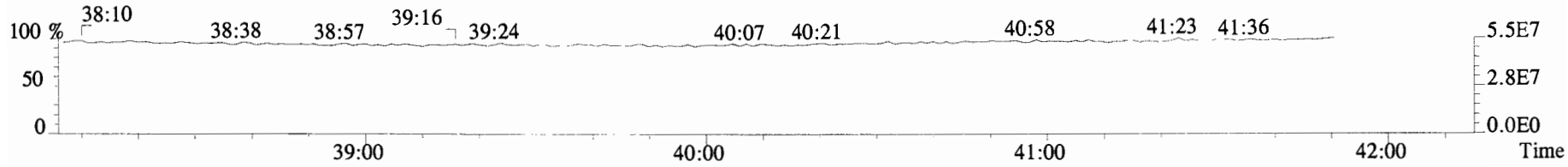
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3884.0,0.00%,F,F)



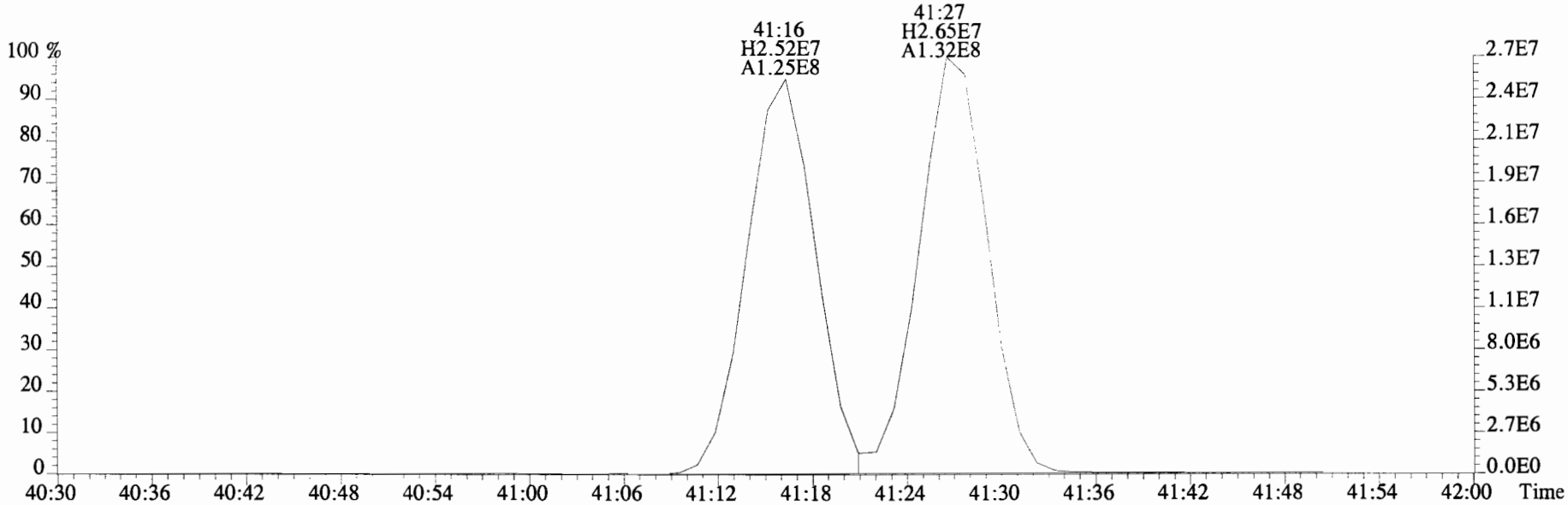
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3828.0,0.00%,F,F)



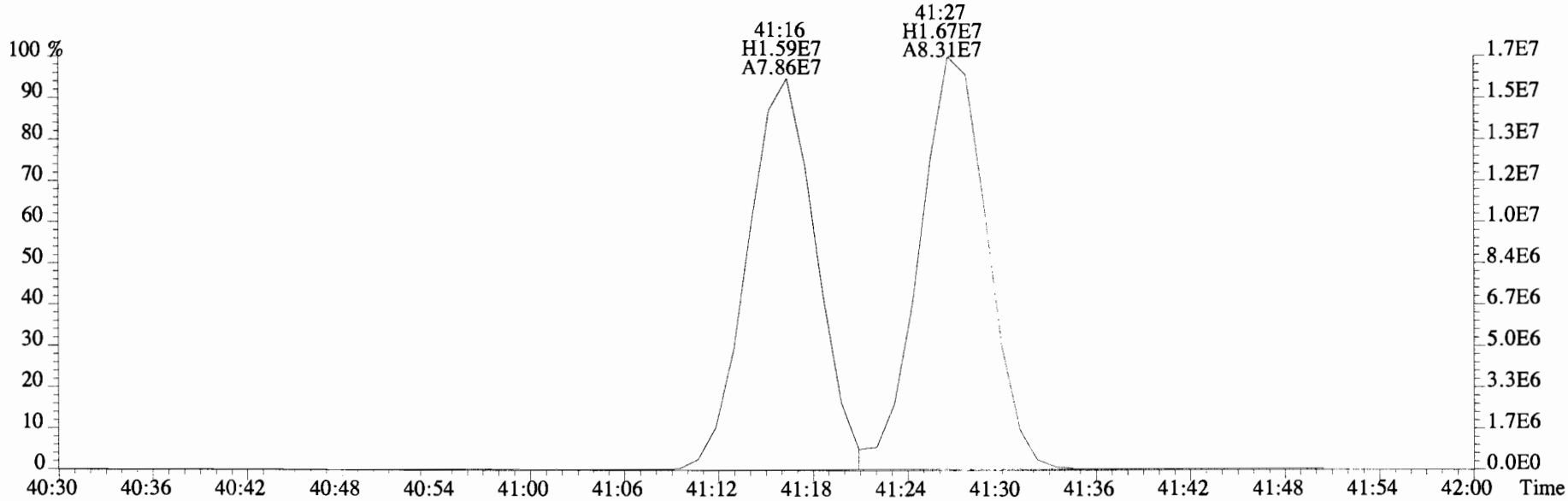
330.9792 F:3



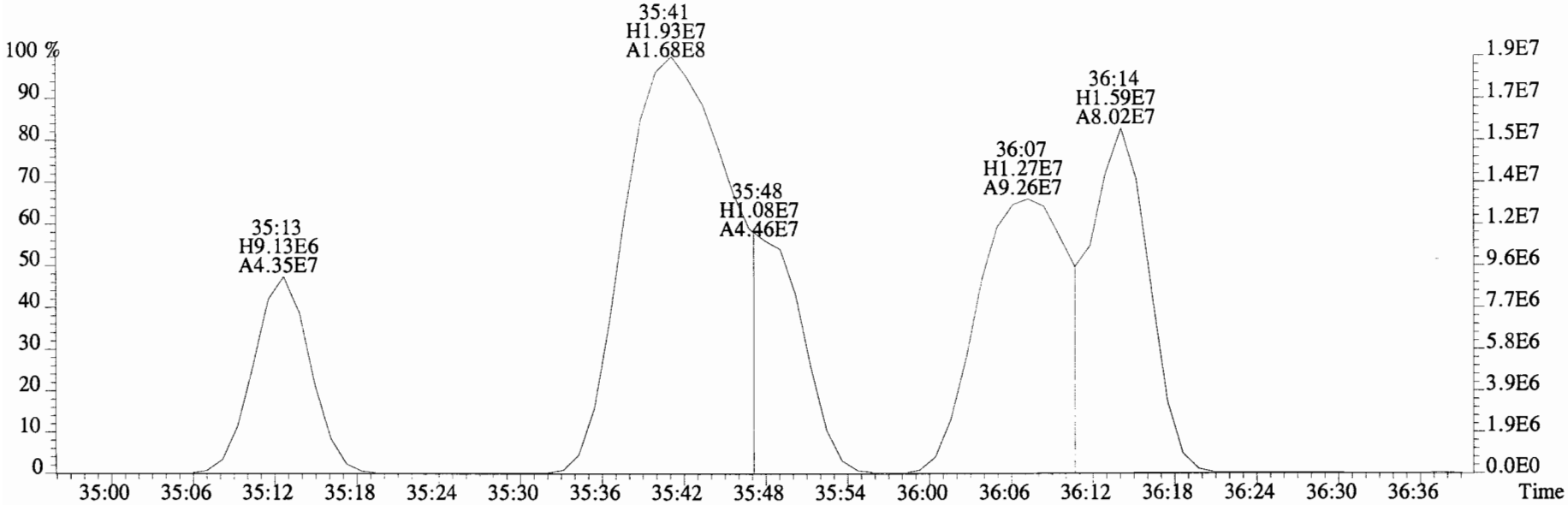
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3884.0,0.00%,F,F)



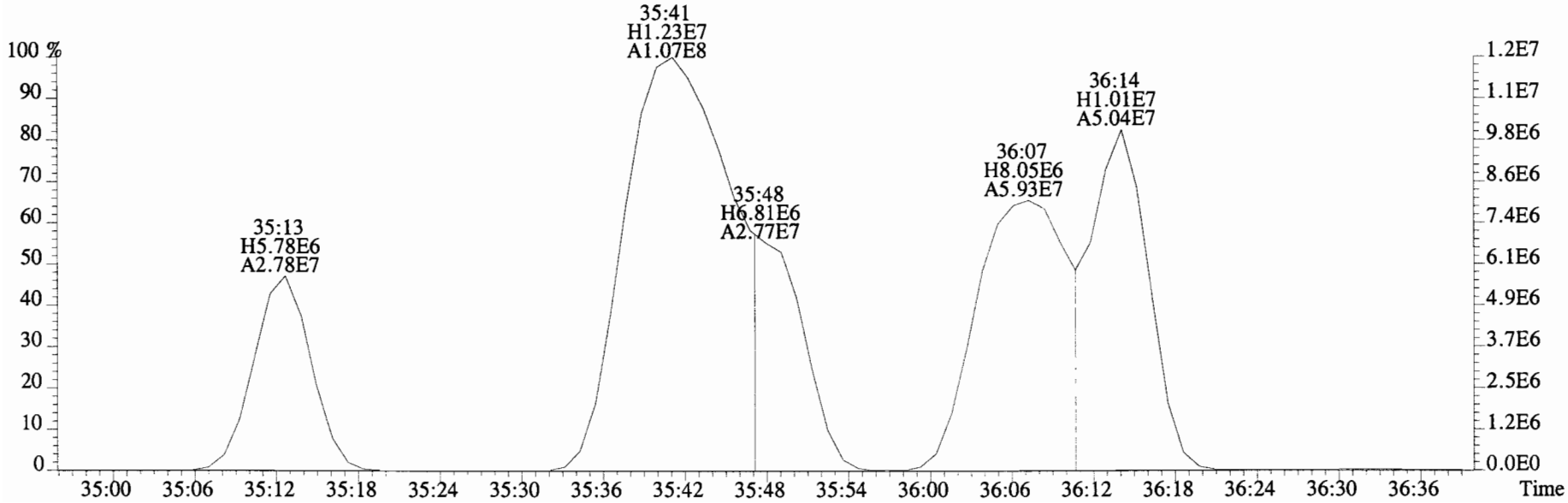
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3828.0,0.00%,F,F)



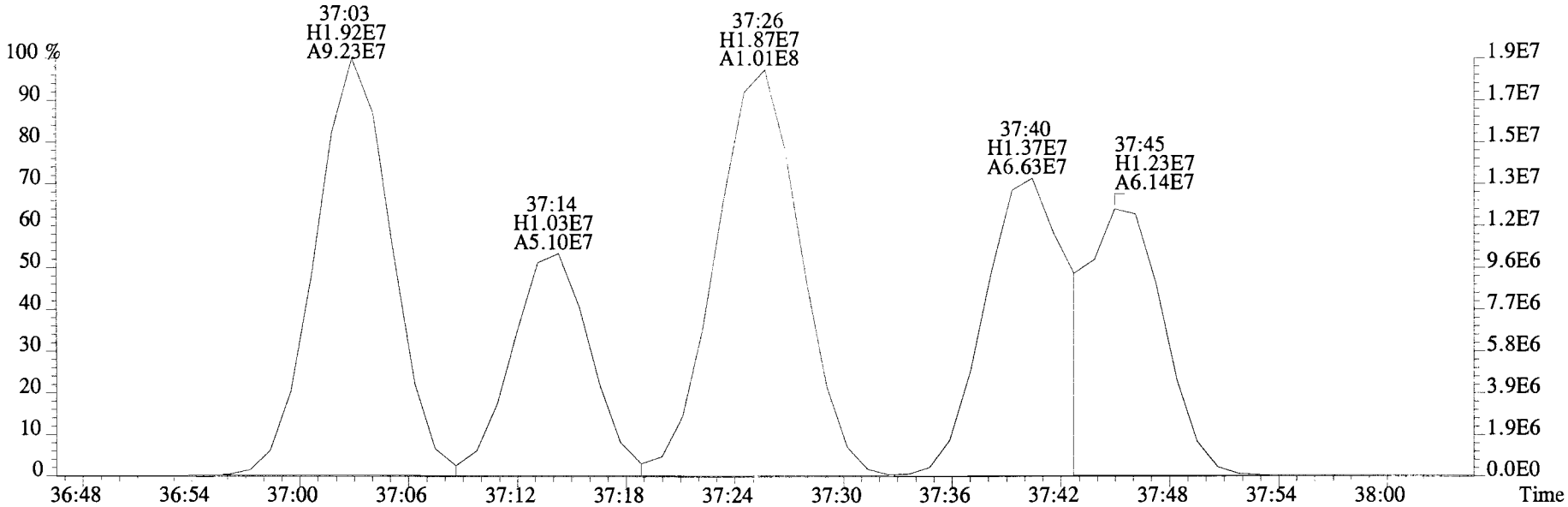
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



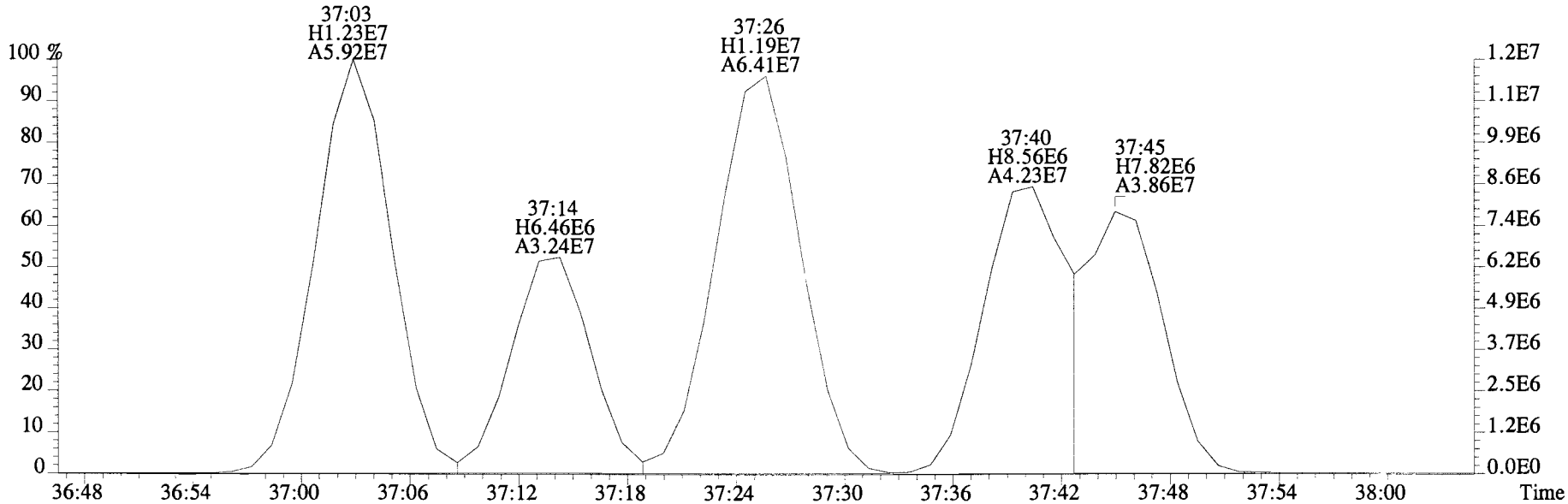
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



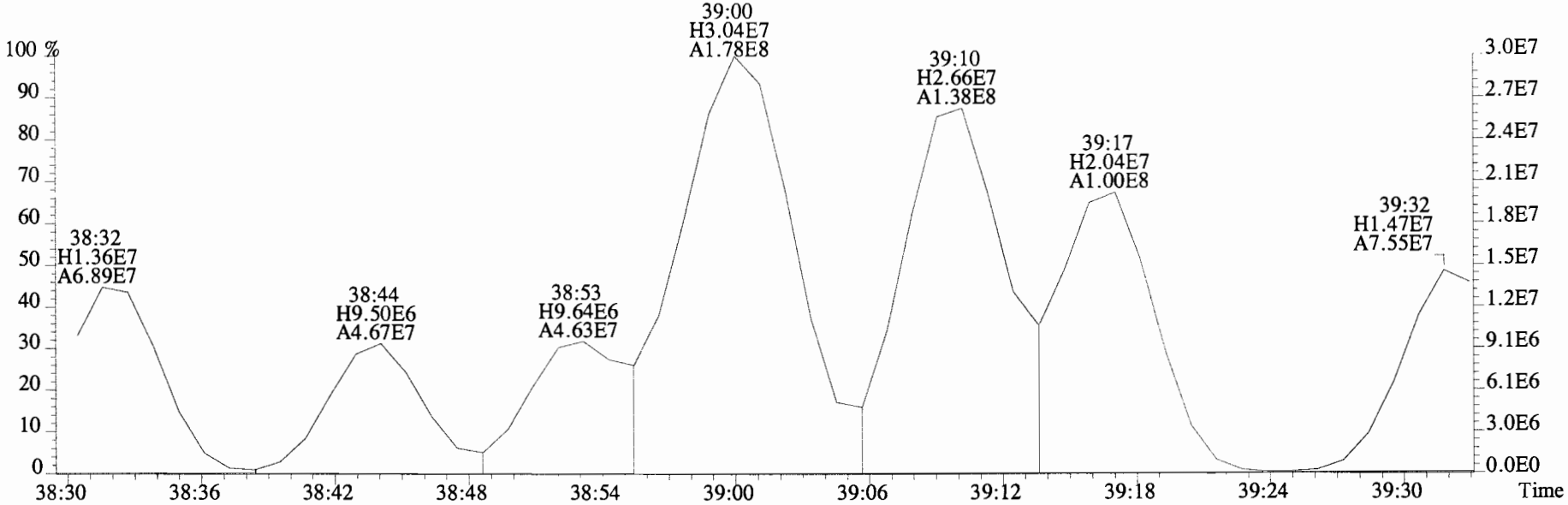
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



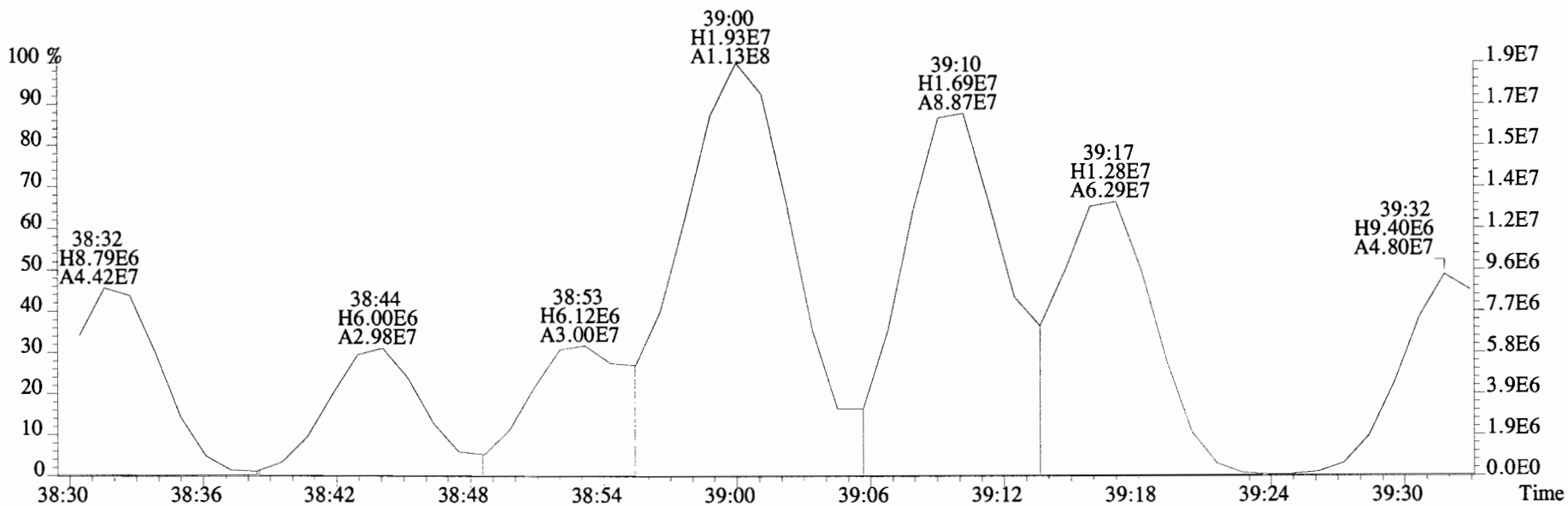
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



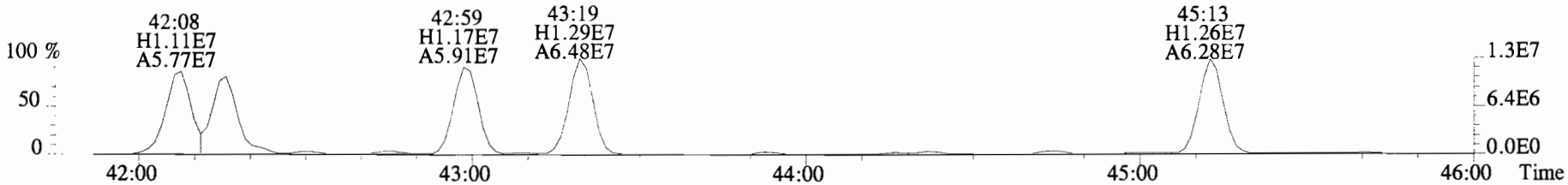
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



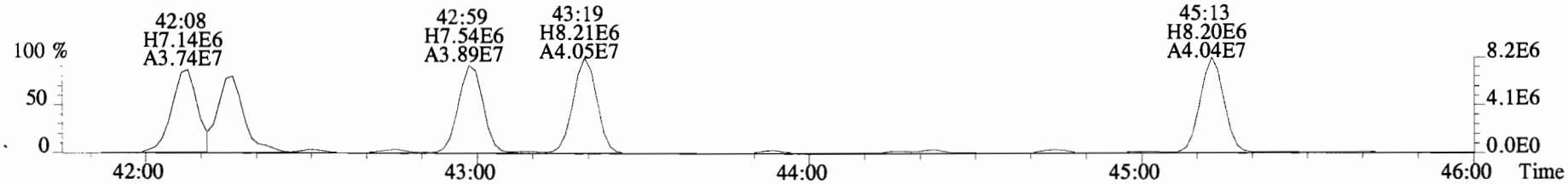
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2696.0,0.00%,F,F)



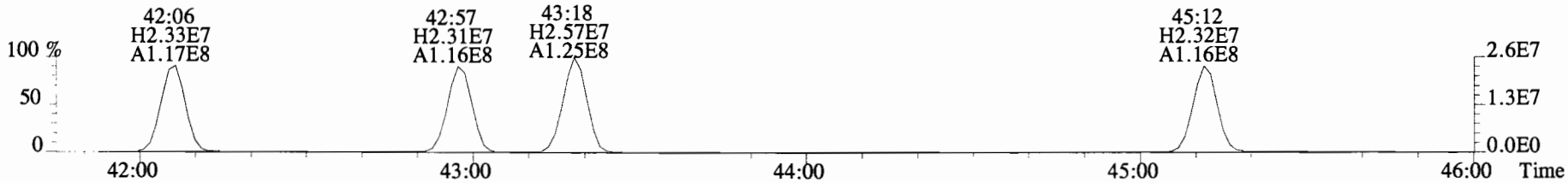
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7292.0,0.00%,F,F)



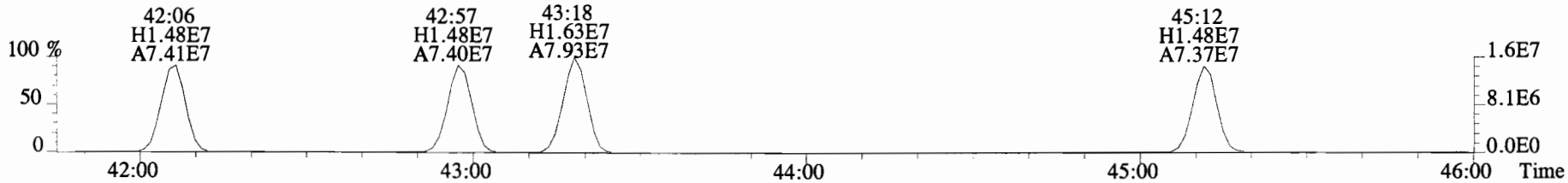
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6048.0,0.00%,F,F)



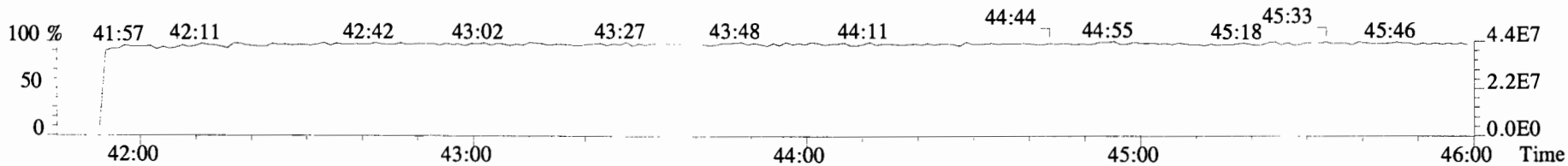
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11932.0,0.00%,F,F)



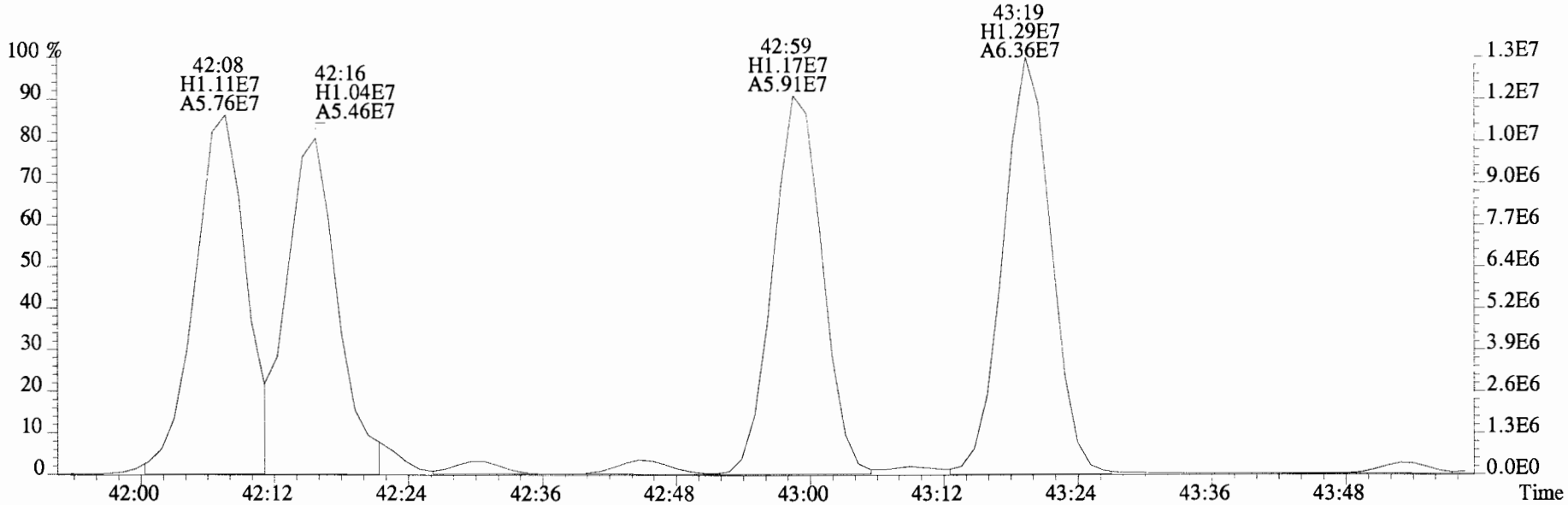
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7544.0,0.00%,F,F)



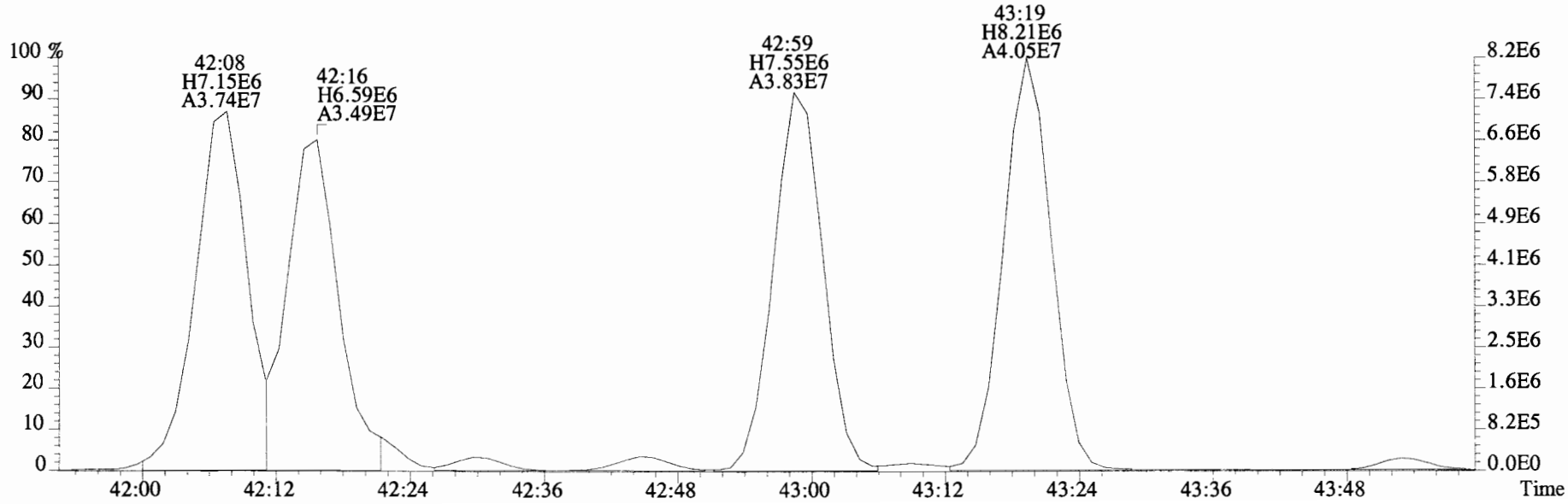
380.9760 F:4



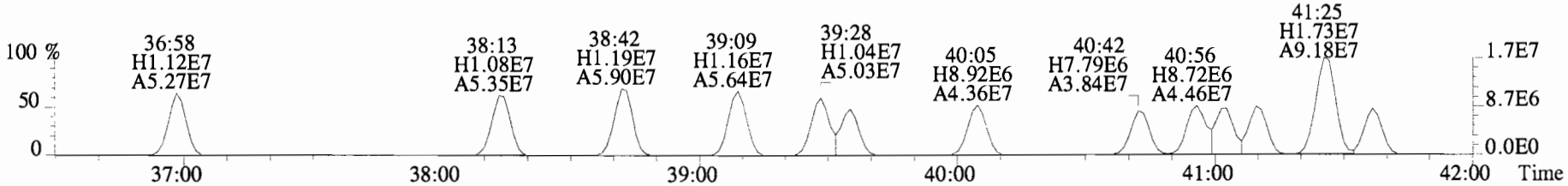
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7292.0,0.00%,F,F)



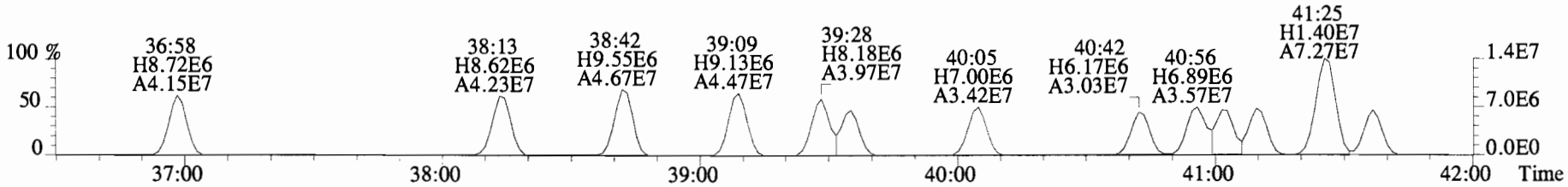
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6048.0,0.00%,F,F)



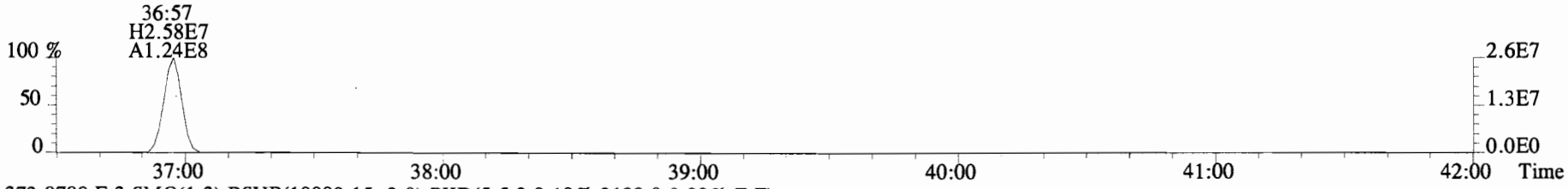
File:180409E2 #1-756 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2704.0,0.00%,F,F)



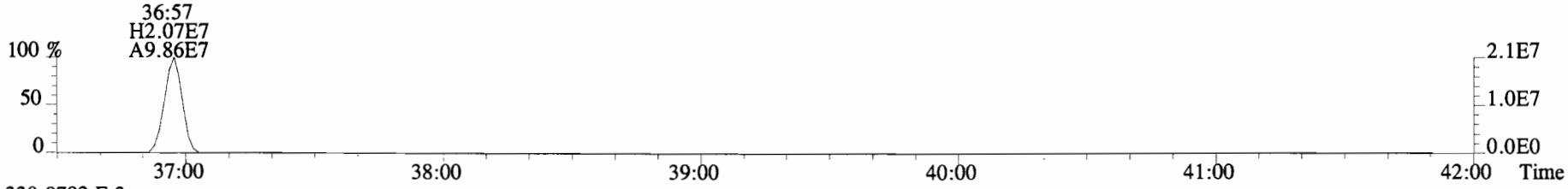
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



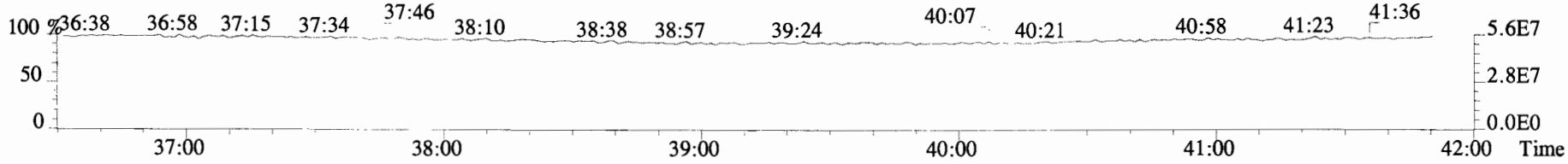
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2600.0,0.00%,F,F)



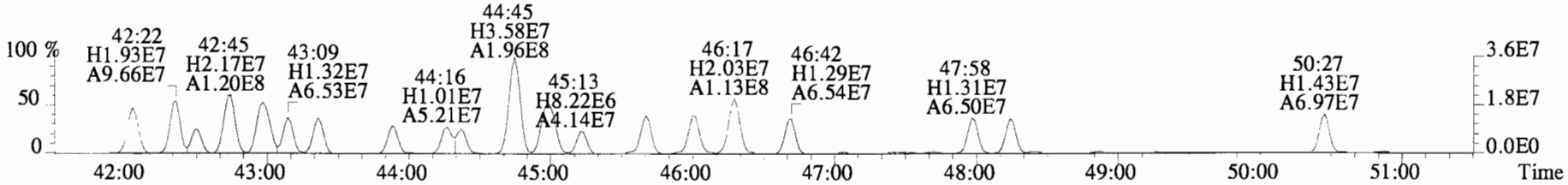
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3188.0,0.00%,F,F)



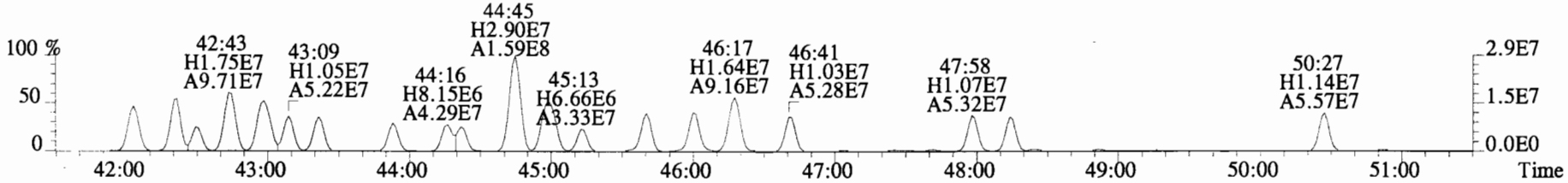
330.9792 F:3



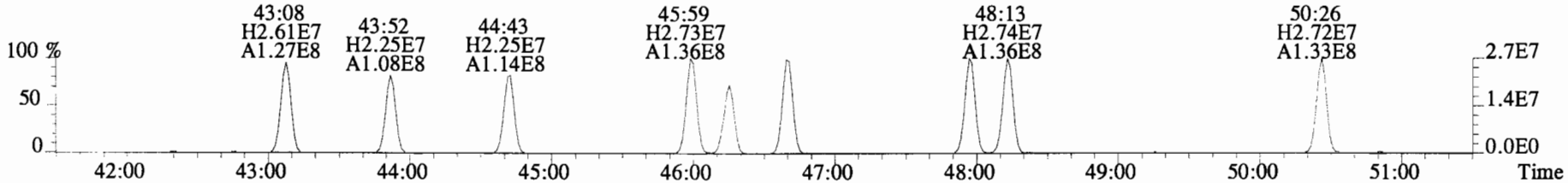
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53336.0,0.00%,F,F)



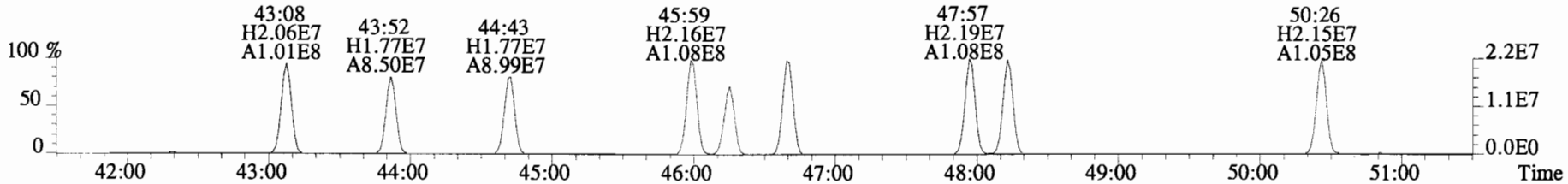
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27940.0,0.00%,F,F)



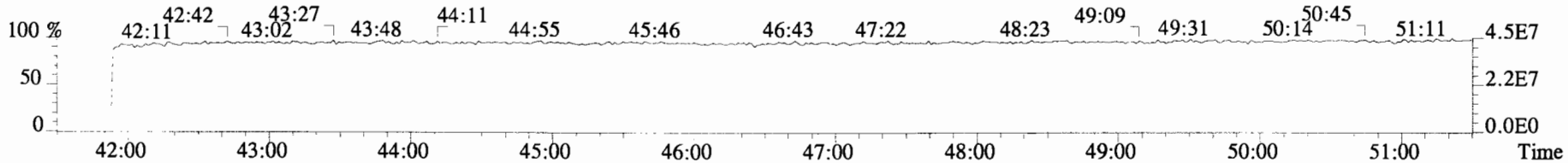
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18936.0,0.00%,F,F)



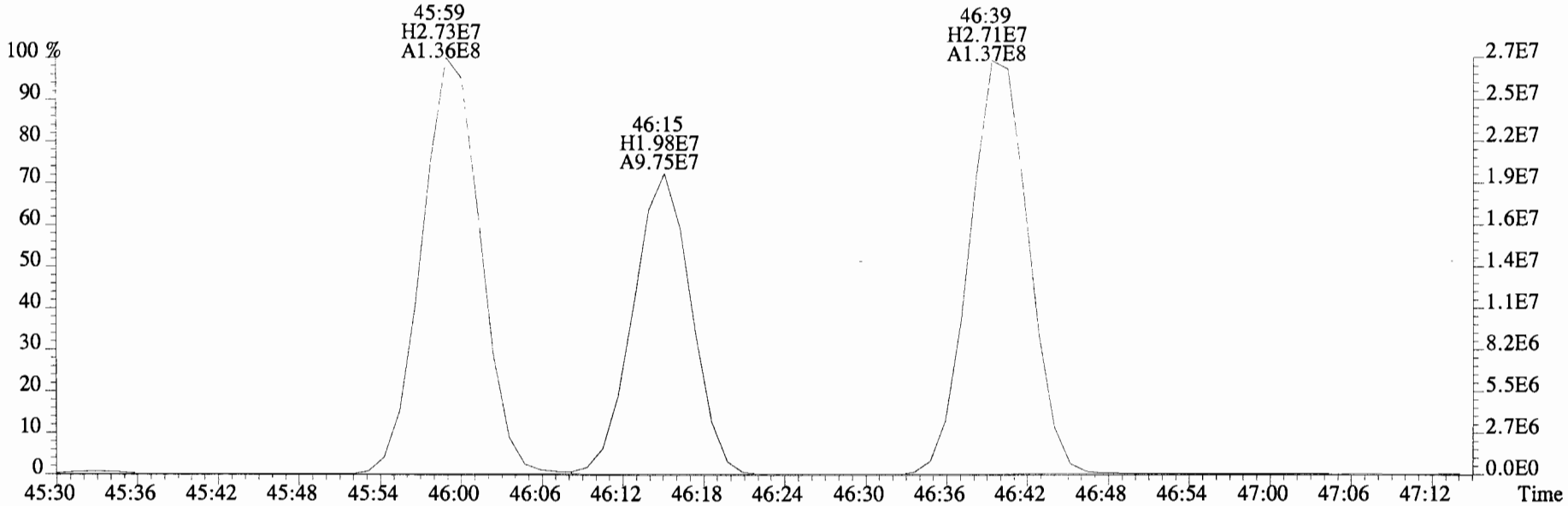
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13092.0,0.00%,F,F)



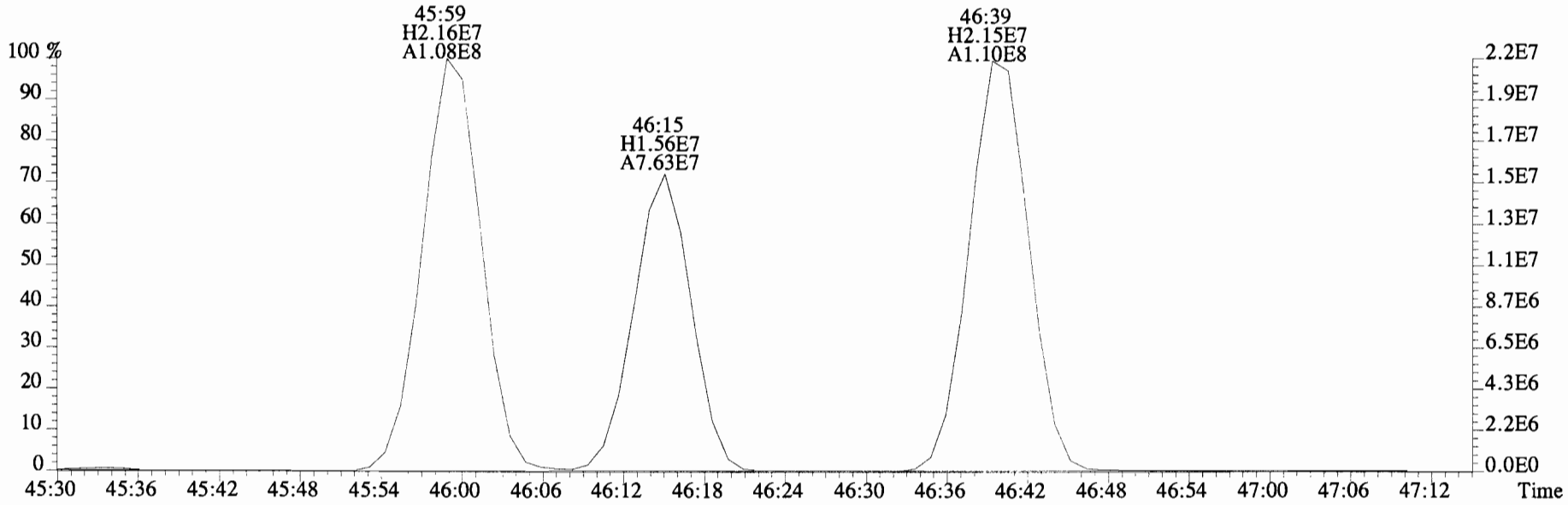
380.9760 F:4



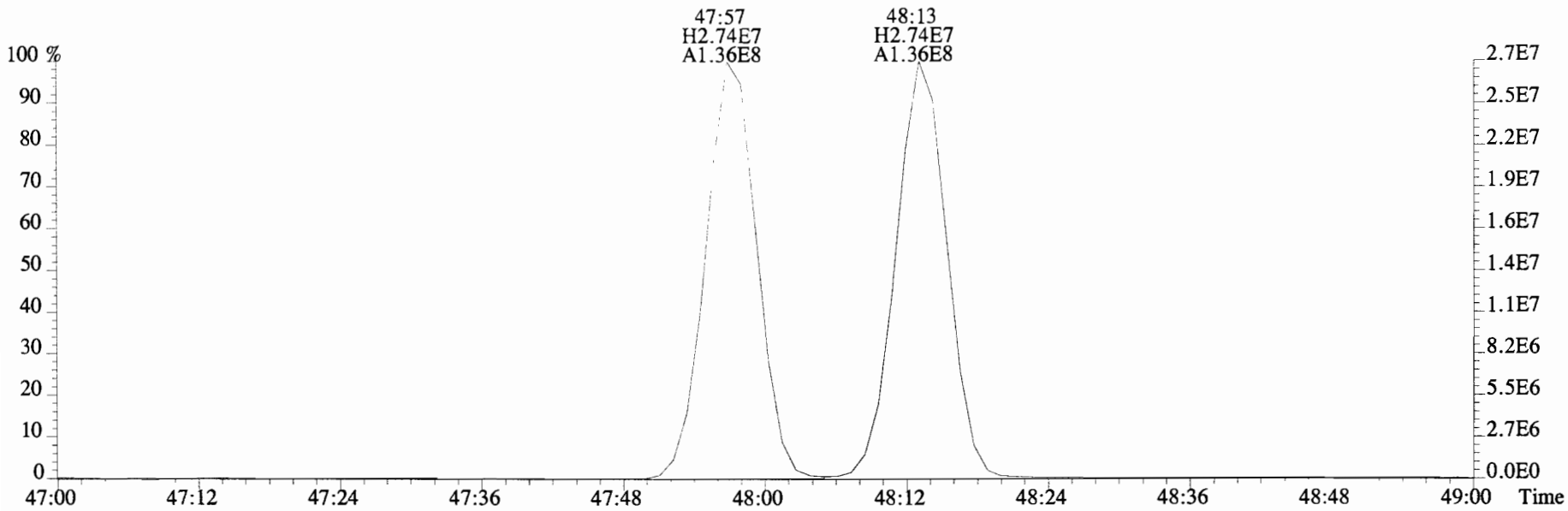
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18936.0,0.00%,F,F)



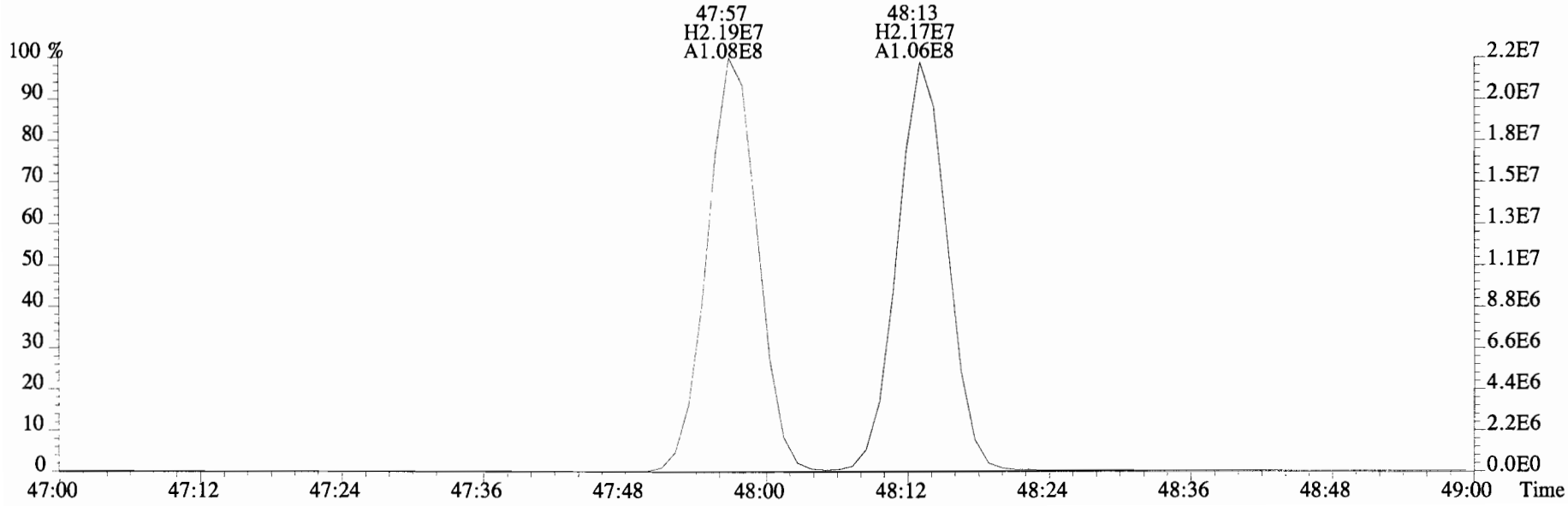
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13092.0,0.00%,F,F)



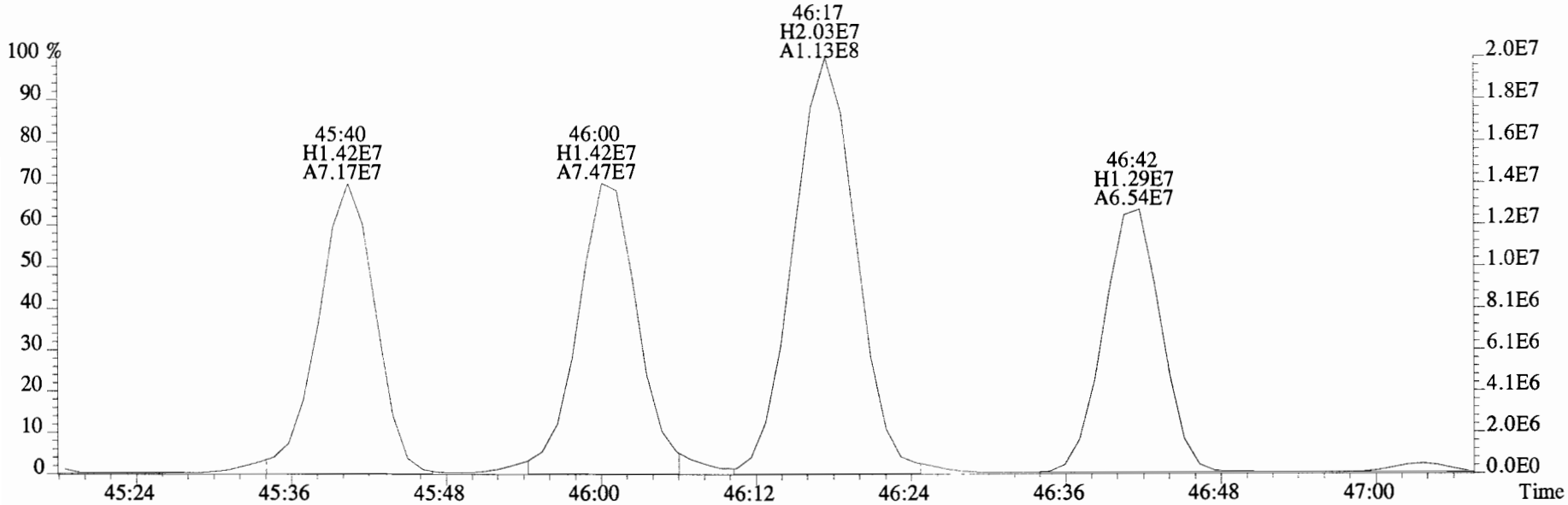
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18936.0,0.00%,F,F)



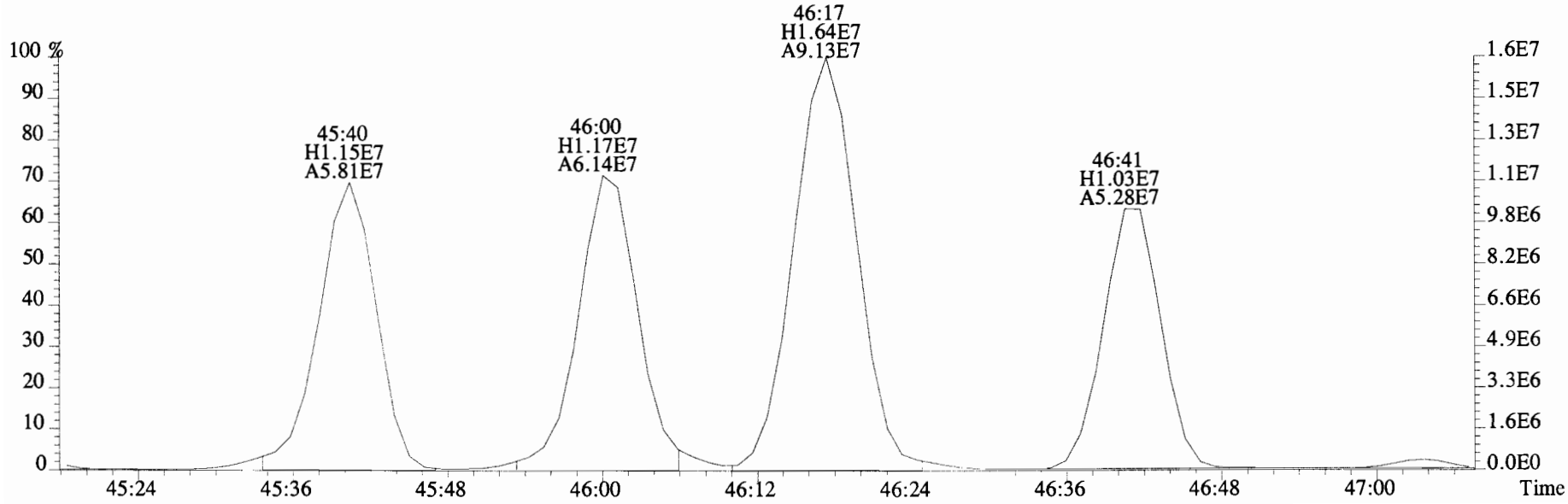
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13092.0,0.00%,F,F)



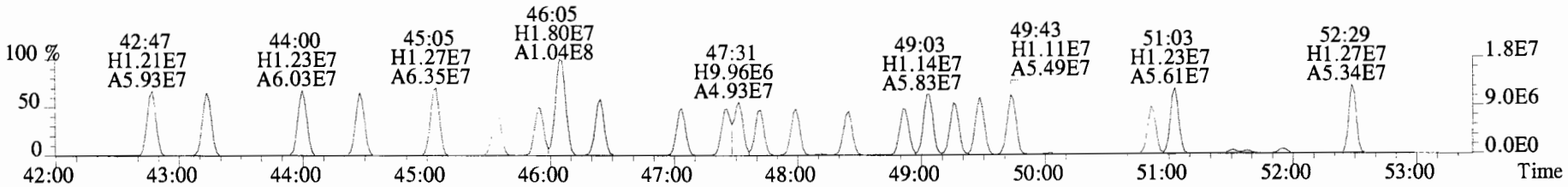
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53336.0,0.00%,F,F)



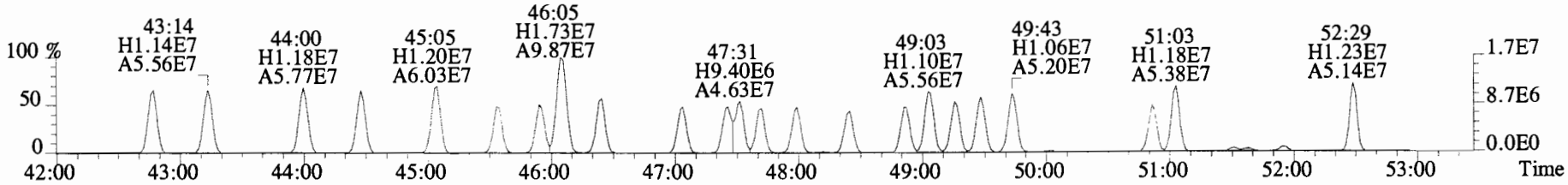
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27940.0,0.00%,F,F)



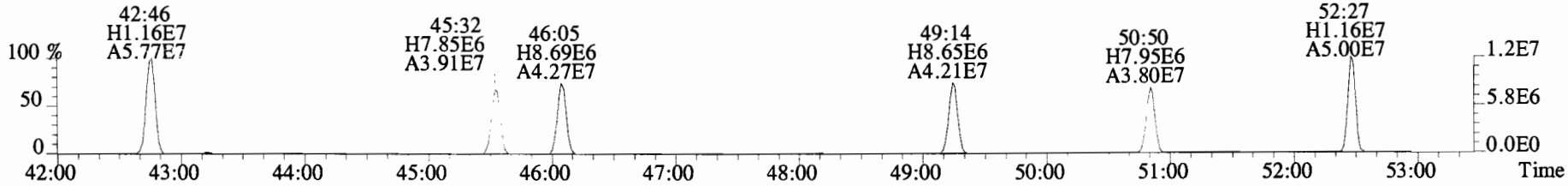
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23132.0,0.00%,F,F)



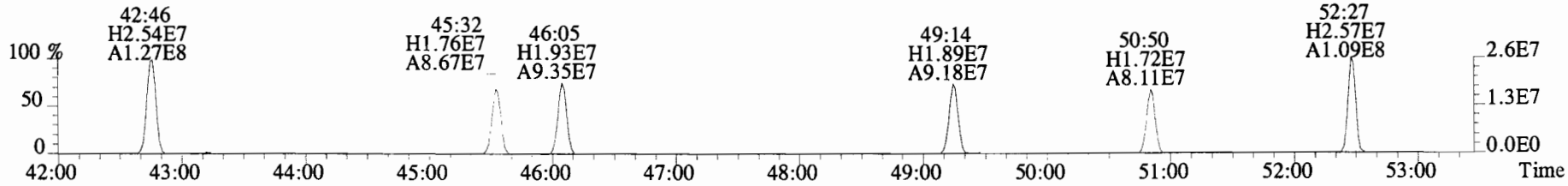
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24984.0,0.00%,F,F)



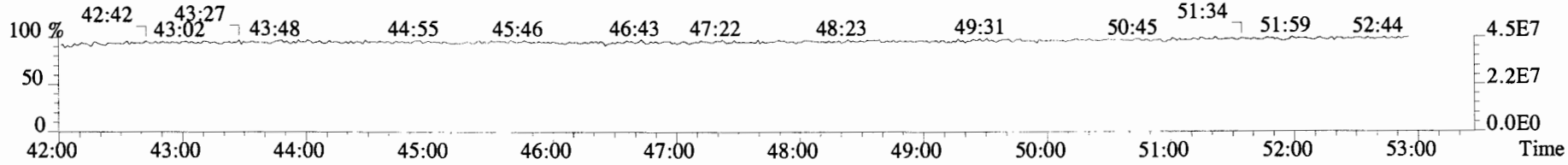
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4968.0,0.00%,F,F)



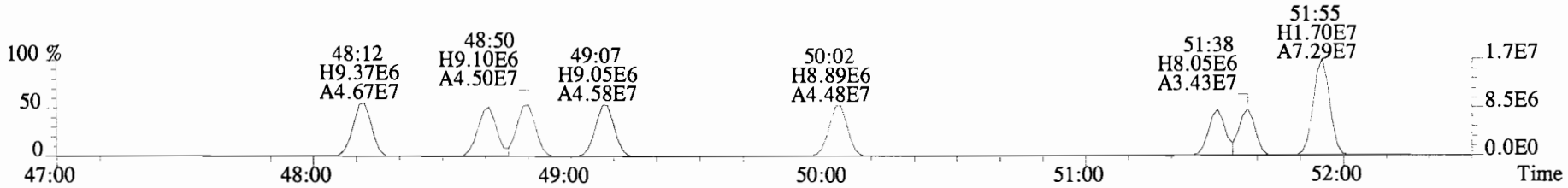
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12092.0,0.00%,F,F)



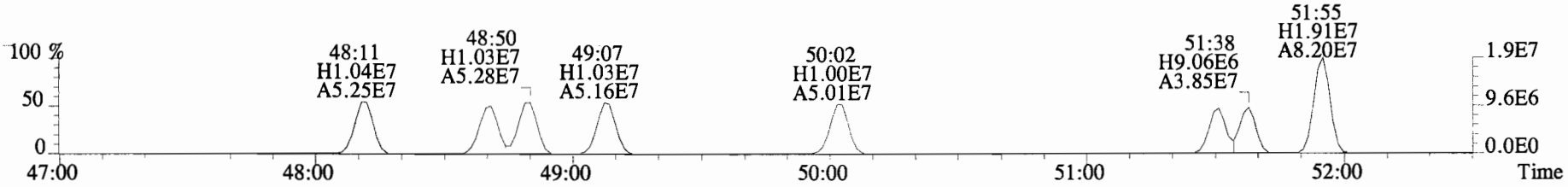
380.9760 F:4



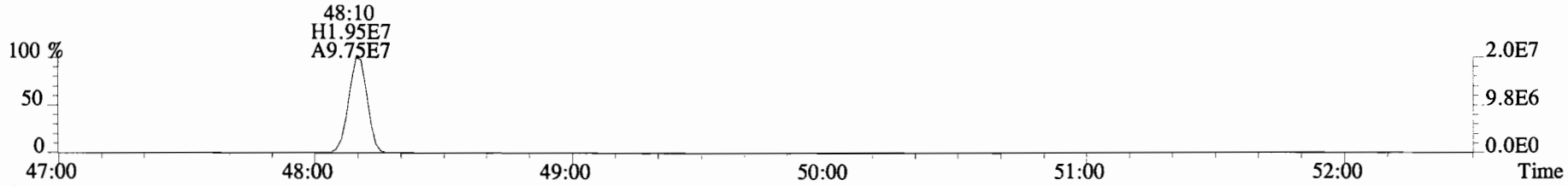
File:180409E2 #1-574 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



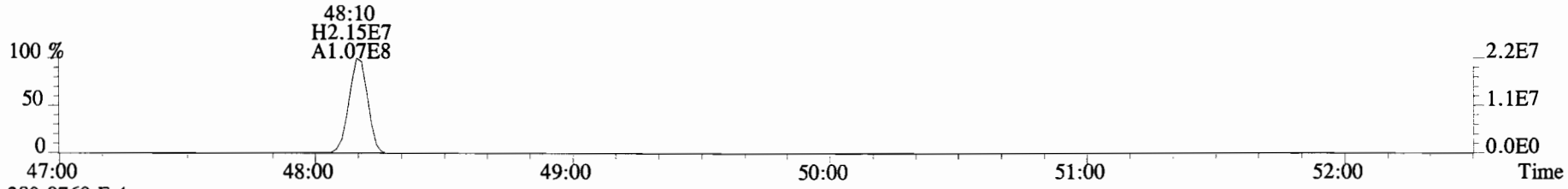
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4292.0,0.00%,F,F)



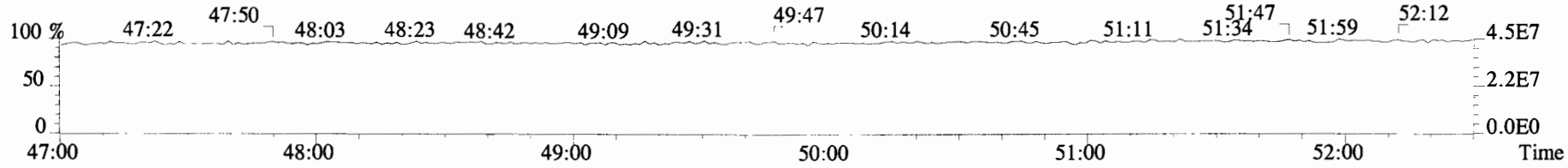
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1832.0,0.00%,F,F)



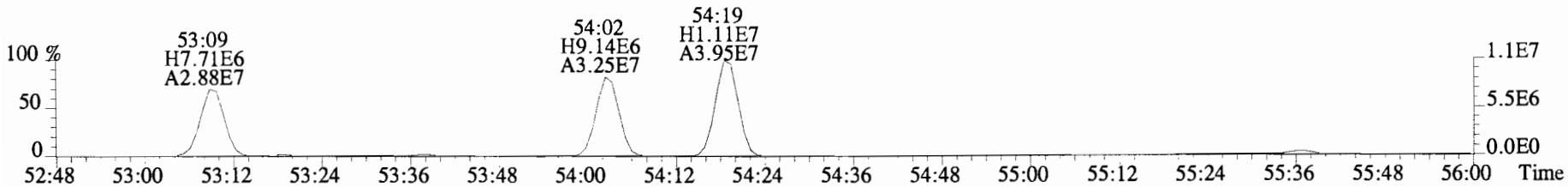
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



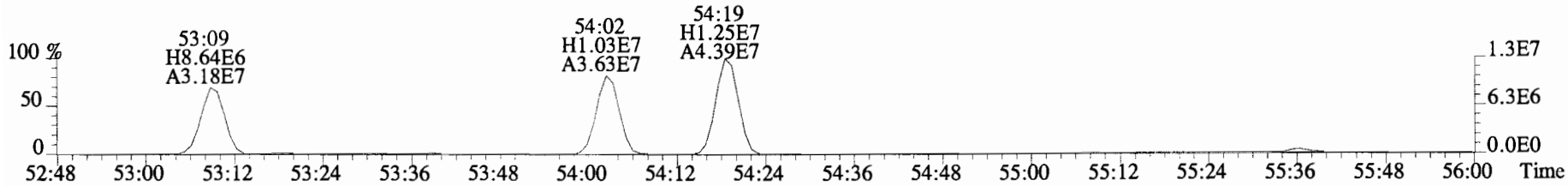
380.9760 F:4



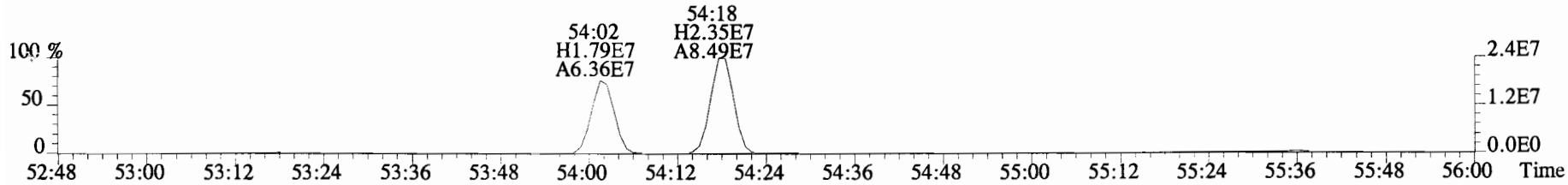
File:180409E2 #1-407 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3796.0,0.00%,F,F)



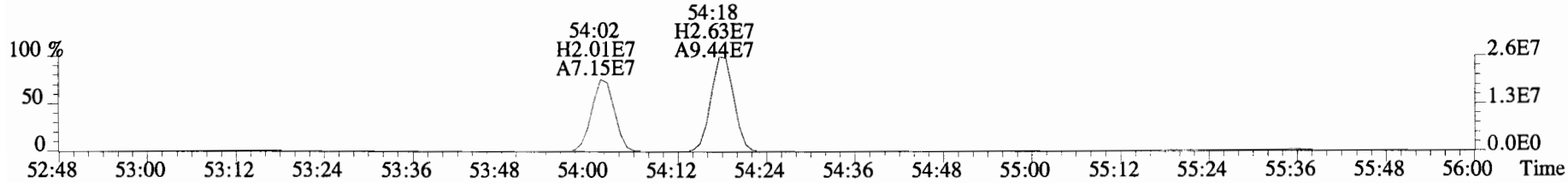
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27124.0,0.00%,F,F)



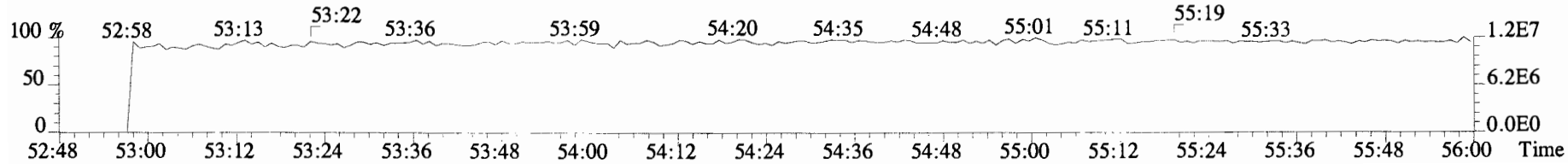
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4928.0,0.00%,F,F)



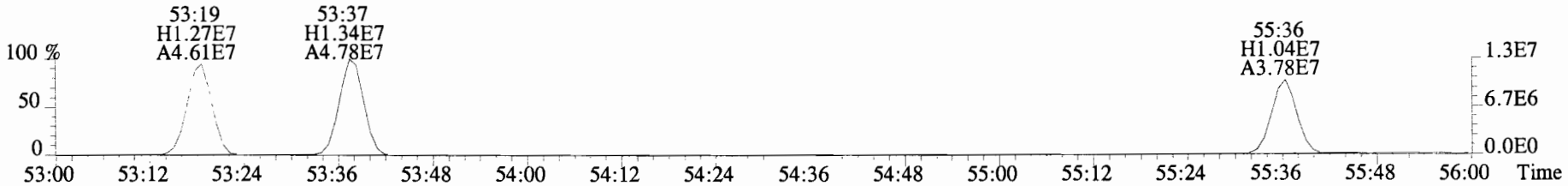
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6088.0,0.00%,F,F)



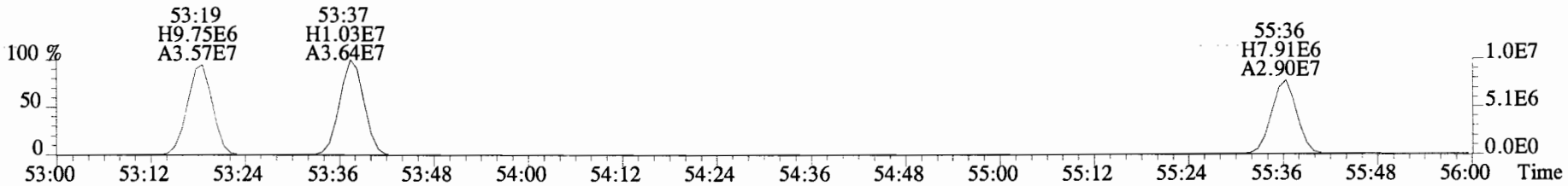
492.9697 F:5



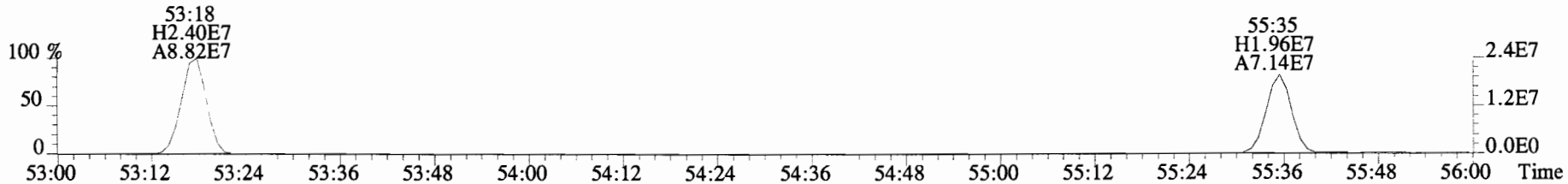
File:180409E2 #1-407 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19272.0,0.00%,F,F)



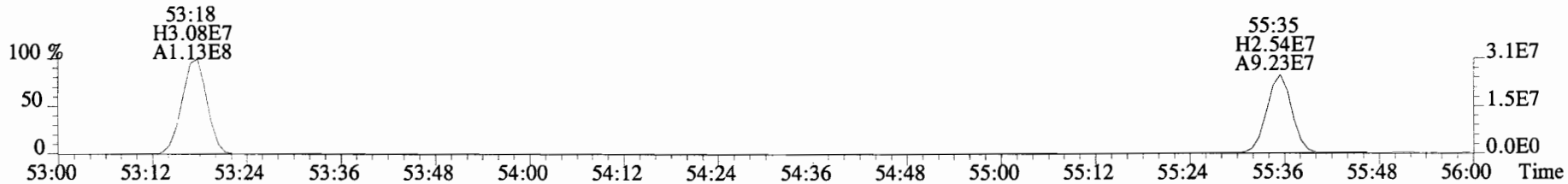
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15468.0,0.00%,F,F)



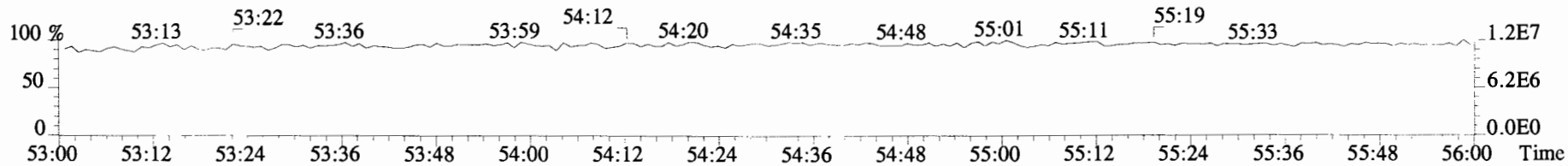
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26808.0,0.00%,F,F)



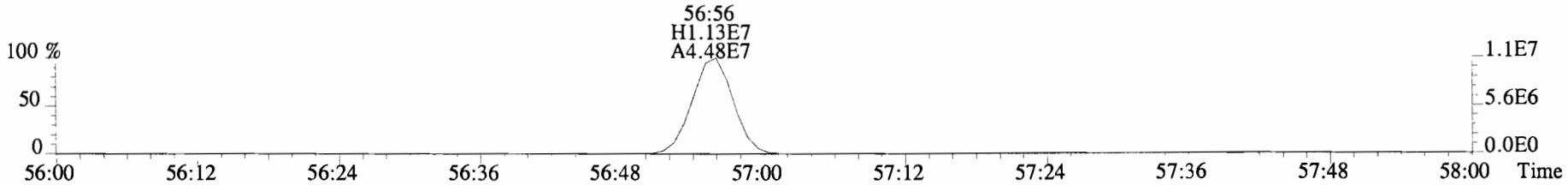
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31672.0,0.00%,F,F)



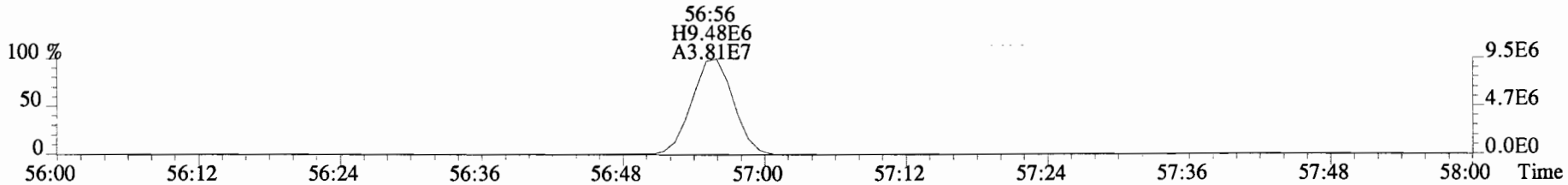
492.9697 F:5



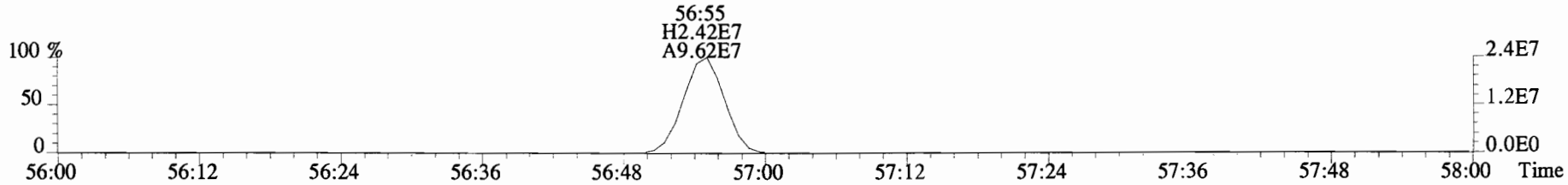
File:180409E2 #1-407 Acq:10-APR-2018 06:47:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E2-1 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1268.0,0.00%,F,F)



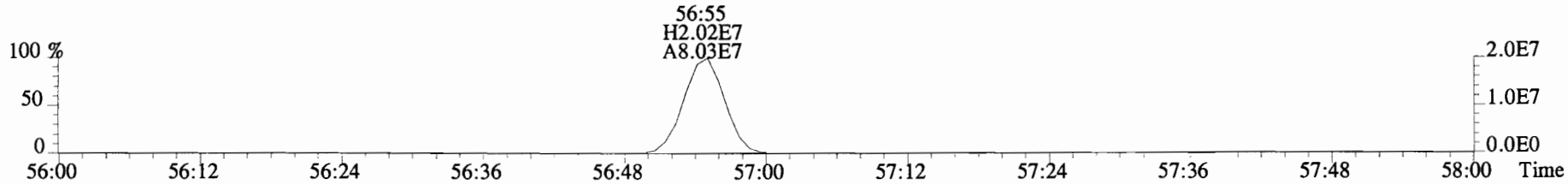
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1128.0,0.00%,F,F)



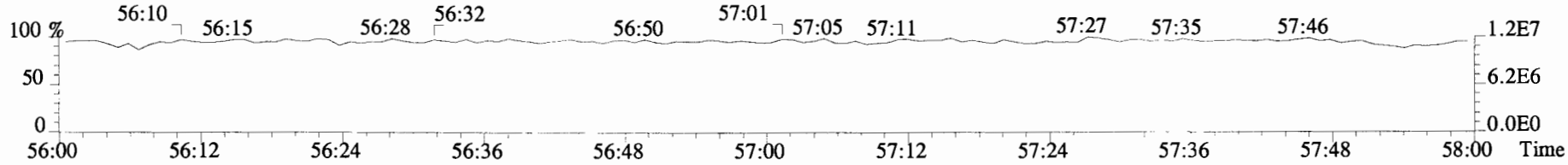
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1264.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1408.0,0.00%,F,F)

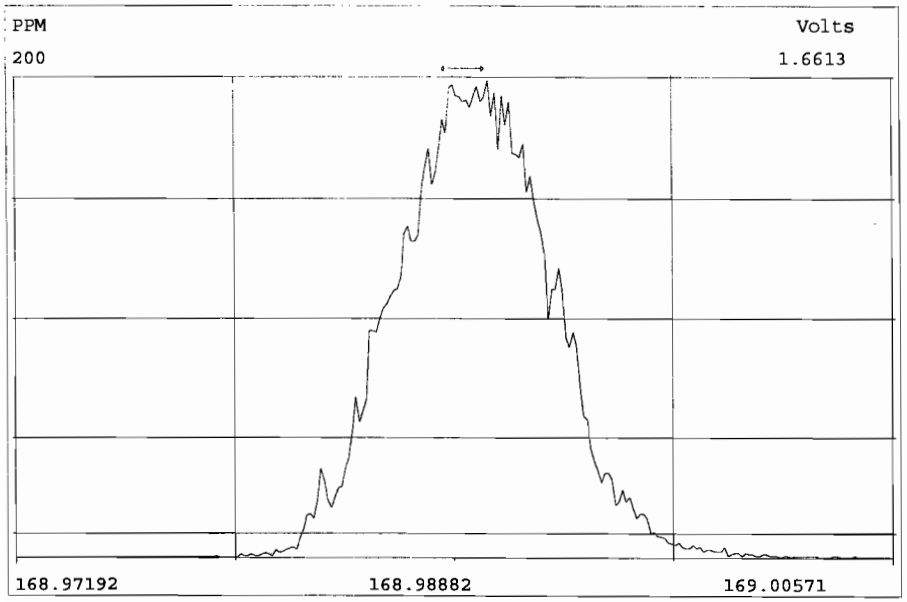


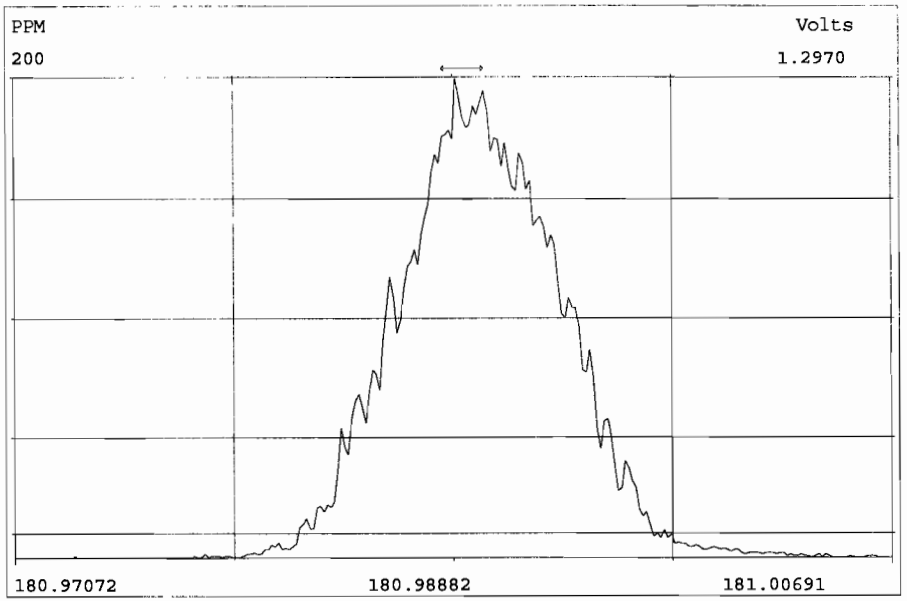
492.9697 F:5

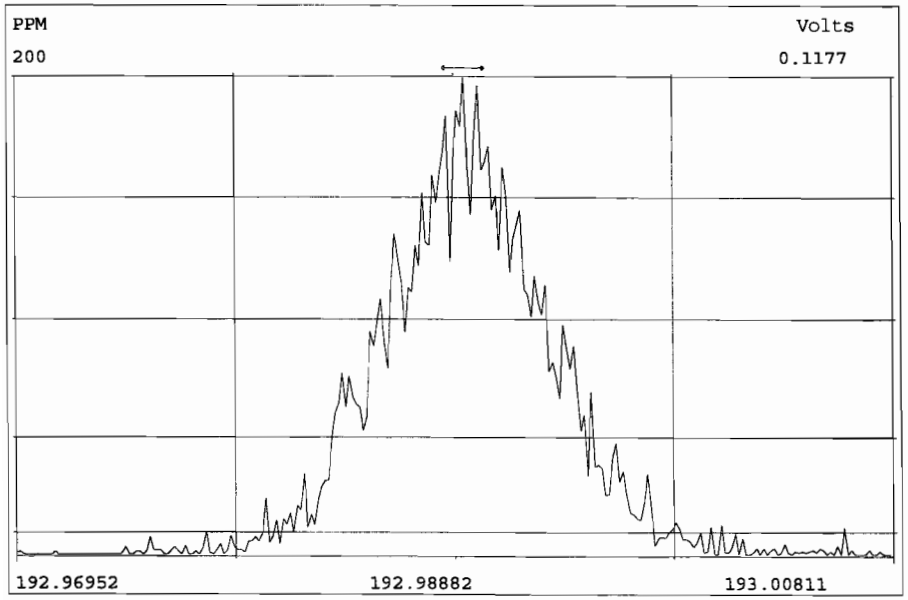


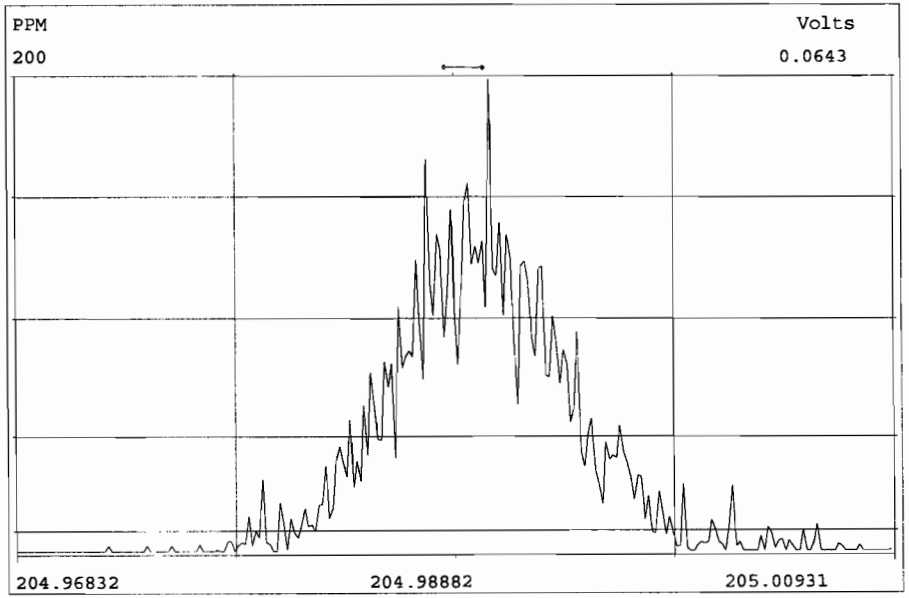
Peak Locate Examination:10-APR-2018:19:56 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



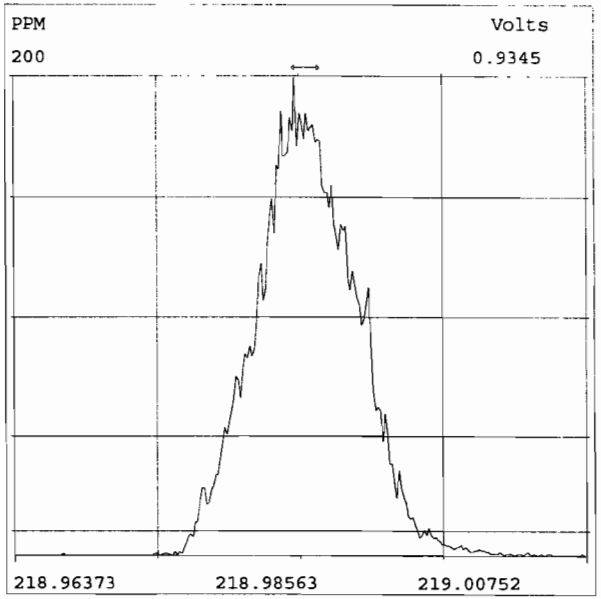


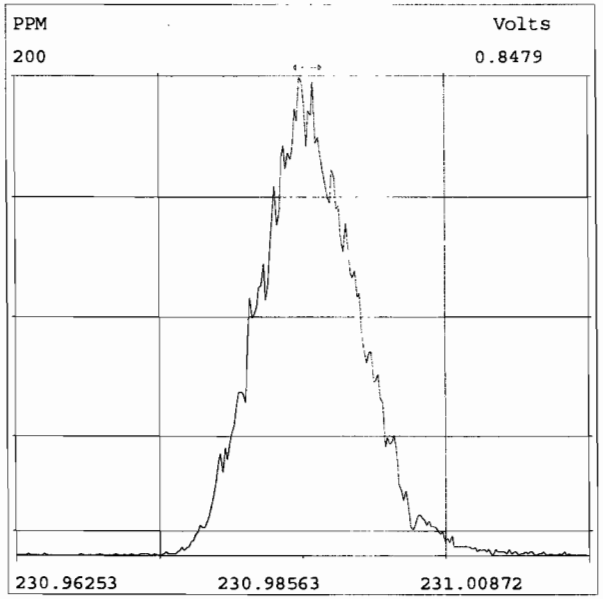


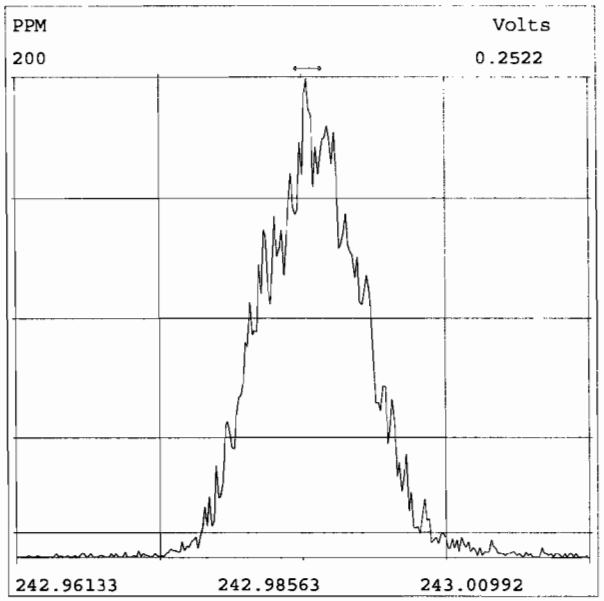


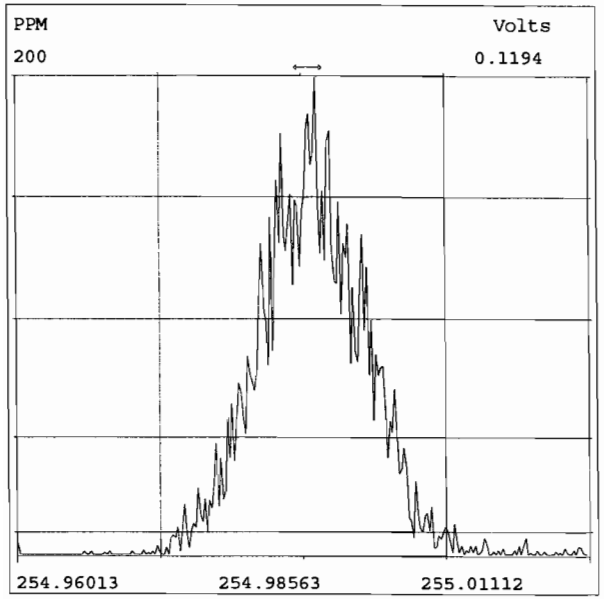
Peak Locate Examination:10-APR-2018:19:57 File:RES_CHECK

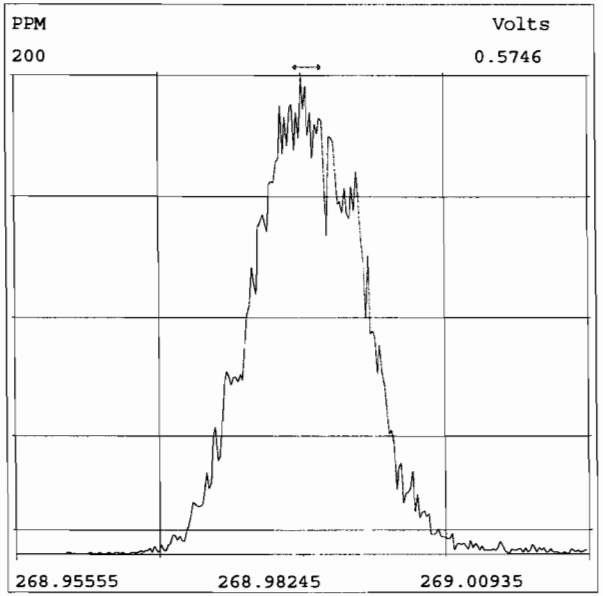
Experiment:PCB_ZB1 Function:2 Reference:PFK

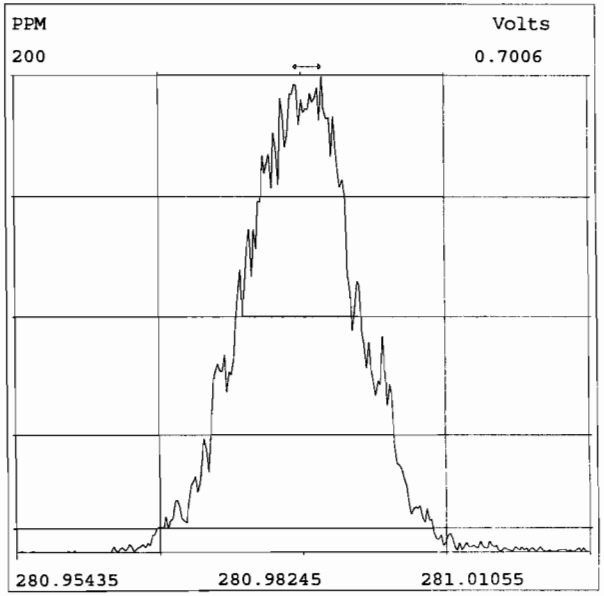






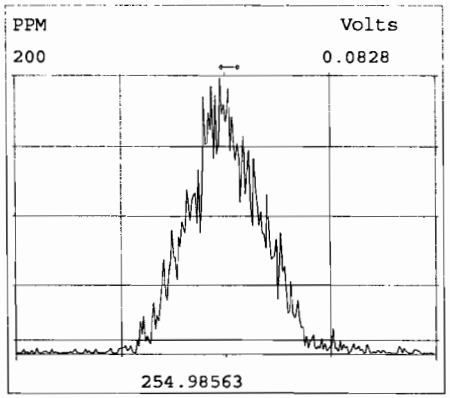


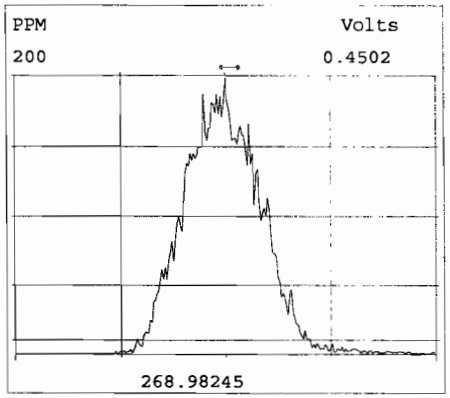


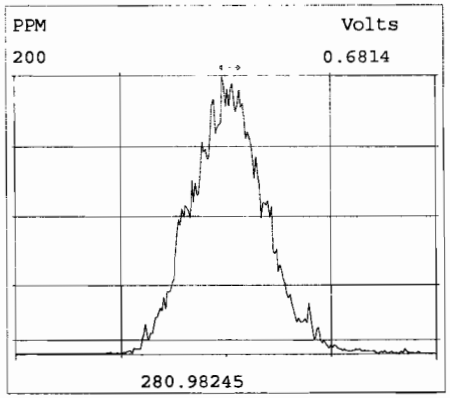


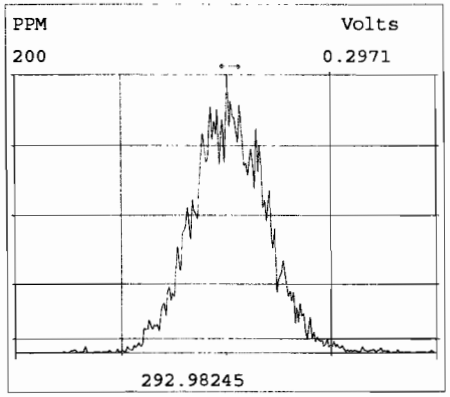
Peak Locate Examination:10-APR-2018:19:58 File:RES_CHECK

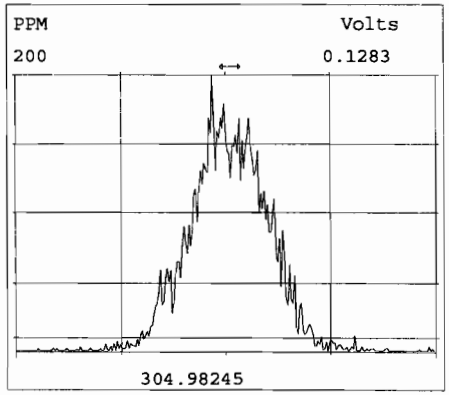
Experiment:PCB_ZB1 Function:3 Reference:PFK

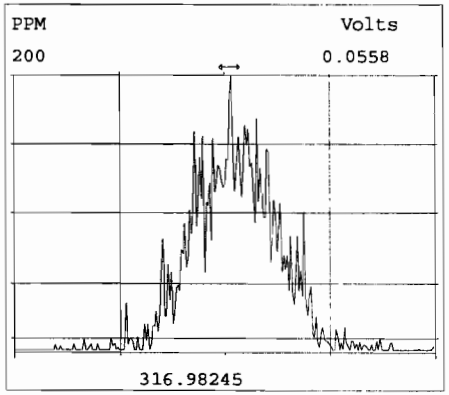


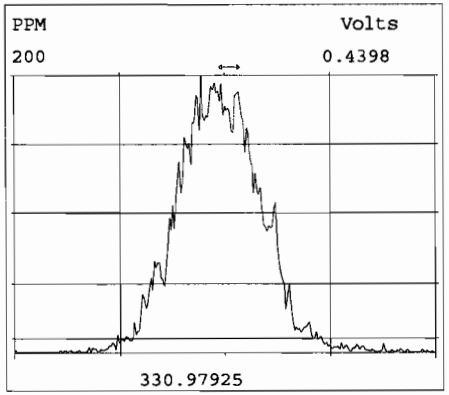


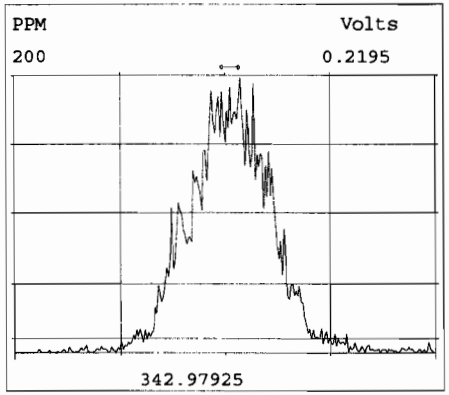


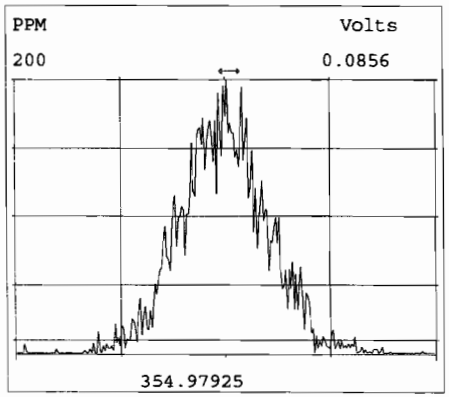


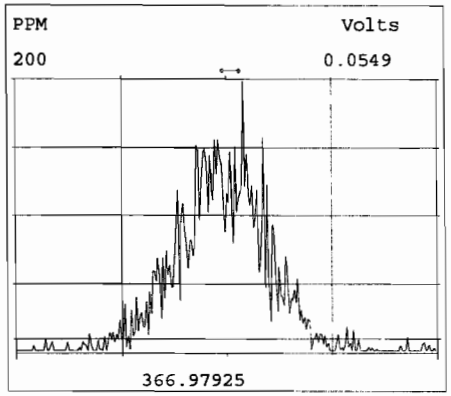


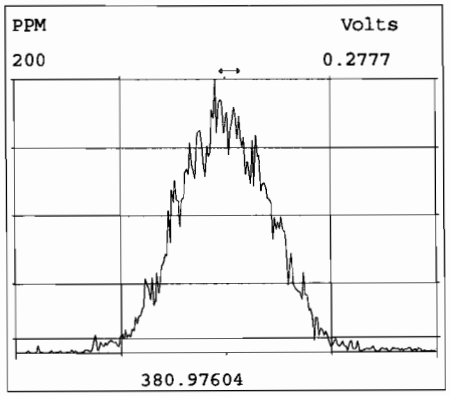






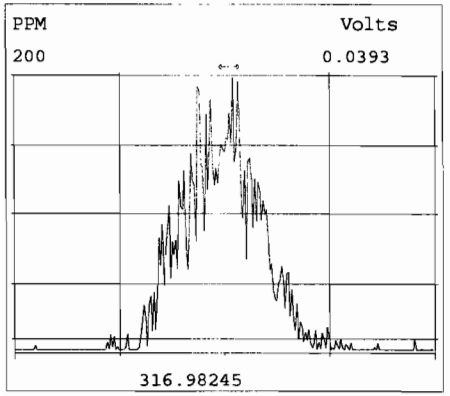


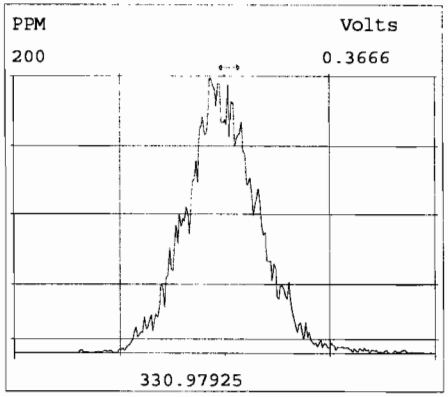


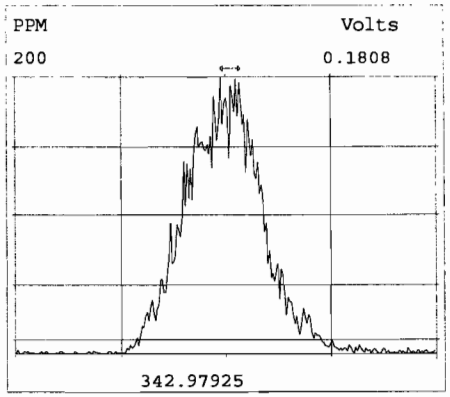


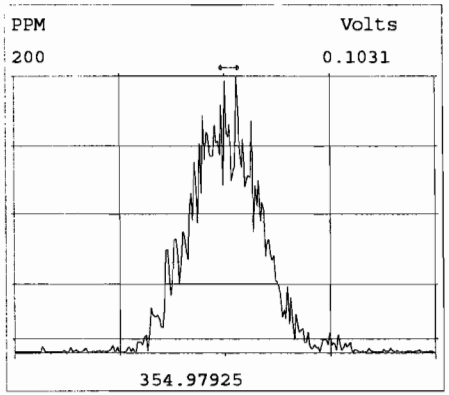
Peak Locate Examination:10-APR-2018:19:59 File:RES_CHECK

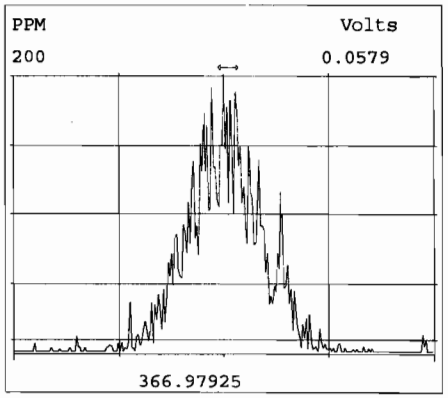
Experiment:PCB_ZB1 Function:4 Reference:PFK

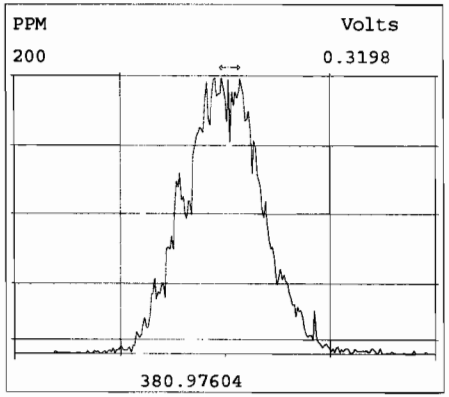


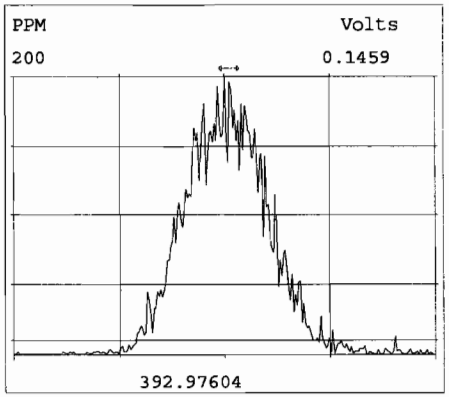


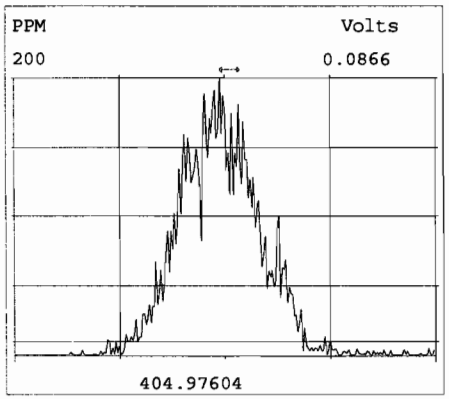


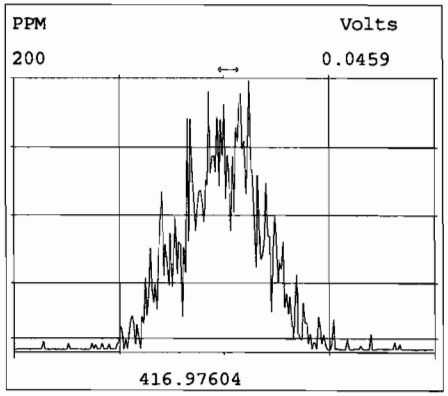


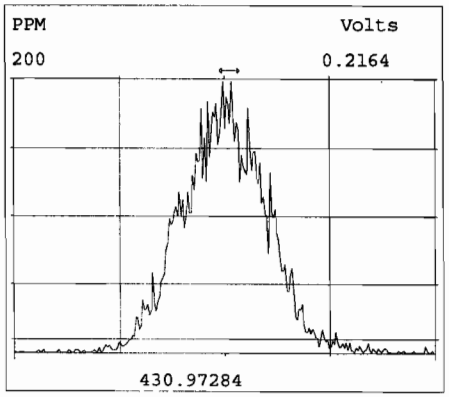


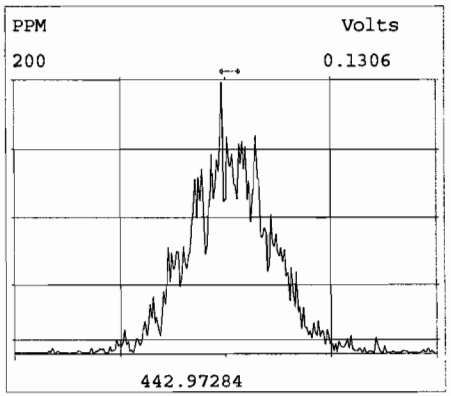






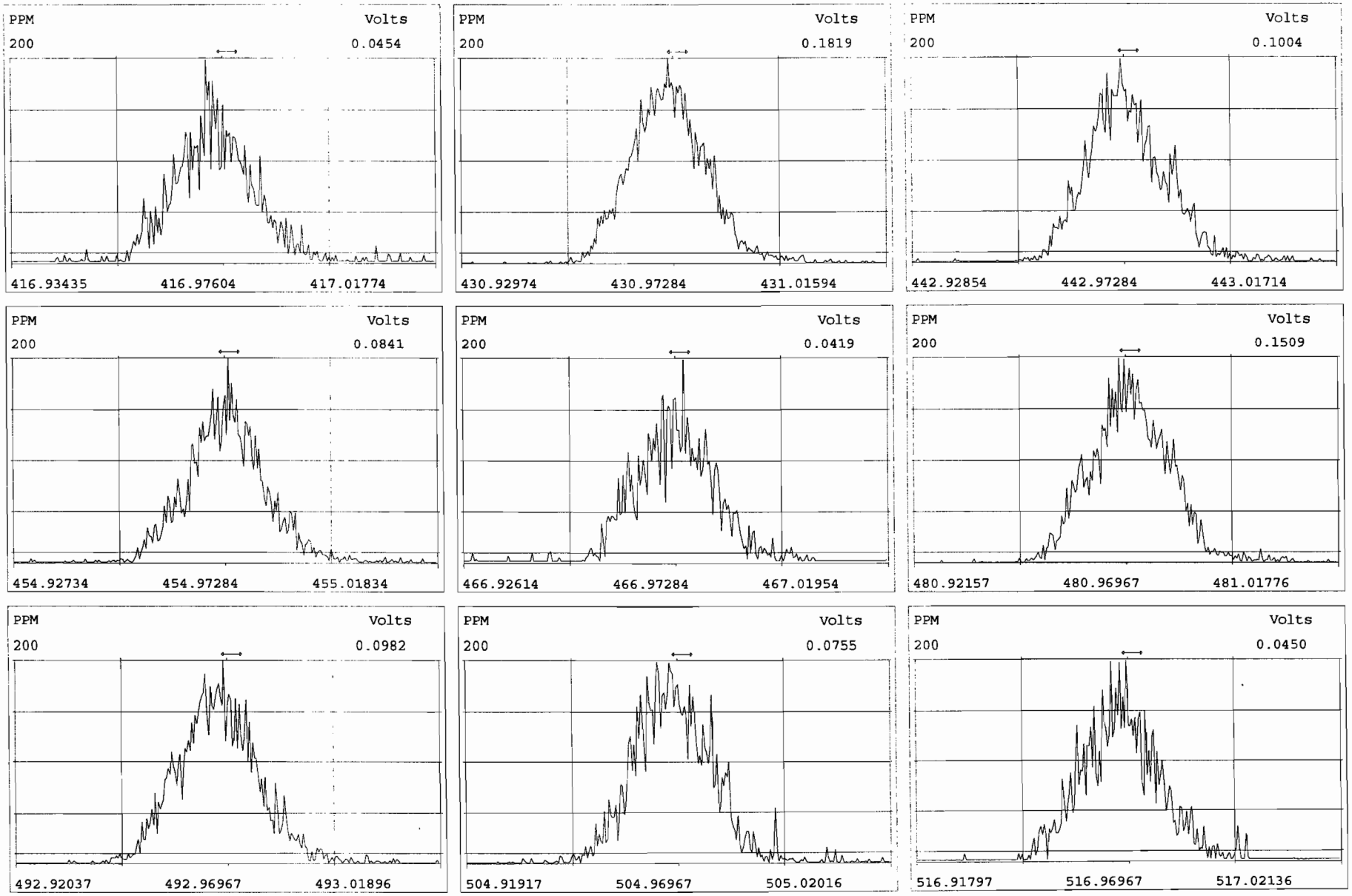






Peak Locate Examination:10-APR-2018:20:00 File:RES_CHECK

Experiment:PCB_ZB1 Function:5 Reference:PFK



HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calbration ID: ST180409E3-1

Reviewed By: CT 4/12/18
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?	DB	

Run Log:

	Beg.	End
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	(Y)	N
- Bottle position verfied?	DB	

	Beg.	End
Mass resolution ≥	✓	✓

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

	Beg.	End
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:

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E3-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E3 S#1 Analysis Date: 10-APR-18 Time: 20:01:25

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	2.98	2.66-3.60	y	49.8	37.5-62.5
PCB-2	3.05	2.66-3.60	y	48.4	37.5-62.5
PCB-3	3.02	2.66-3.60	y	49.8	37.5-62.5
PCB-4/10	1.59	1.33-1.79	y	93.0	75-125
PCB-7/9	1.59	1.33-1.79	y	90.3	75-125
PCB-6	1.57	1.33-1.79	y	45.9	37.5-62.5
PCB-5/8	1.58	1.33-1.79	y	90.5	75-125
PCB-14	1.58	1.33-1.79	y	47.2	37.5-62.5
PCB-11	1.60	1.33-1.79	y	45.8	37.5-62.5
PCB-12/13	1.58	1.33-1.79	y	91.0	75-125
PCB-15	1.59	1.33-1.79	y	48.7	37.5-62.5
PCB-19	1.06	0.88-1.20	y	44.7	37.5-62.5
PCB-30	1.06	0.88-1.20	y	43.4	37.5-62.5
PCB-18	1.05	0.88-1.20	y	43.7	37.5-62.5
PCB-17	1.05	0.88-1.20	y	44.3	37.5-62.5
PCB-24/27	1.05	0.88-1.20	y	89.1	75.0-125
PCB-16/32	1.04	0.88-1.20	y	87.7	75.0-125
PCB-34	1.05	0.88-1.20	y	47.1	37.5-62.5
PCB-23	1.06	0.88-1.20	y	50.7	37.5-62.5
PCB-29	1.05	0.88-1.20	y	47.8	37.5-62.5
PCB-26	1.05	0.88-1.20	y	47.8	37.5-62.5
PCB-25	1.05	0.88-1.20	y	47.1	37.5-62.5
PCB-31	1.04	0.88-1.20	y	50.1	37.5-62.5
PCB-28	1.07	0.88-1.20	y	47.1	37.5-62.5
PCB-20/21/33	1.05	0.88-1.20	y	142.4	112.5-225
PCB-22	1.04	0.88-1.20	y	46.8	37.5-62.5
PCB-36	1.05	0.88-1.20	y	46.9	37.5-62.5
PCB-39	1.03	0.88-1.20	y	46.9	37.5-62.5
PCB-38	1.06	0.88-1.20	y	46.5	37.5-62.5
PCB-35	1.04	0.88-1.20	y	46.2	37.5-62.5
PCB-37	1.04	0.88-1.20	y	46.2	37.5-62.5
PCB-54	0.77	0.65-0.89	y	46.8	37.5-62.5
PCB-50	0.78	0.65-0.89	y	46.3	37.5-62.5
PCB-53	0.78	0.65-0.89	y	47.0	37.5-62.5
PCB-51	0.77	0.65-0.89	y	46.2	37.5-62.5
PCB-45	0.77	0.65-0.89	y	44.8	37.5-62.5
PCB-46	0.77	0.65-0.89	y	45.4	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	93.3	75.0-125
PCB-73	0.80	0.65-0.89	y	42.8	37.5-62.5
PCB-43/49	0.76	0.65-0.89	y	91.2	75.0-125
PCB-47	0.76	0.65-0.89	y	45.1	37.5-62.5
PCB-48/75	0.77	0.65-0.89	y	92.3	75.0-125
PCB-65	0.77	0.65-0.89	y	46.6	37.5-62.5
PCB-62	0.78	0.65-0.89	y	43.8	37.5-62.5
PCB-44	0.77	0.65-0.89	y	45.4	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	89.6	75.0-125
PCB-41/64/71/72	0.78	0.65-0.89	y	180.6	150-250
PCB-68	0.78	0.65-0.89	y	44.3	37.5-62.5
PCB-40	0.78	0.65-0.89	y	46.8	37.5-62.5
PCB-57	0.77	0.65-0.89	y	46.6	37.5-62.5
PCB-67	0.76	0.65-0.89	y	45.9	37.5-62.5
PCB-58	0.78	0.65-0.89	y	47.9	37.5-62.5
PCB-63	0.77	0.65-0.89	y	46.3	37.5-62.5
PCB-74	0.77	0.65-0.89	y	44.6	37.5-62.5
PCB-61/70	0.77	0.65-0.89	y	89.4	75.0-125
PCB-76/66	0.77	0.65-0.89	y	92.1	75.0-125
PCB-80	0.77	0.65-0.89	y	45.1	37.5-62.5
PCB-55	0.79	0.65-0.89	y	45.5	37.5-62.5
PCB-56/60	0.76	0.65-0.89	y	87.5	75.0-125
PCB-79	0.77	0.65-0.89	y	42.7	37.5-62.5
PCB-78	0.77	0.65-0.89	y	45.2	37.5-62.5
PCB-81	0.76	0.65-0.89	y	47.3	37.5-62.5
PCB-77	0.79	0.65-0.89	y	46.4	37.5-62.5
PCB-104	1.56	1.32-1.78	y	43.3	37.5-62.5
PCB-96	1.56	1.32-1.78	y	44.0	37.5-62.5
PCB-103	1.57	1.32-1.78	y	43.5	37.5-62.5
PCB-100	1.58	1.32-1.78	y	43.9	37.5-62.5
PCB-94	1.58	1.32-1.78	y	42.5	37.5-62.5
PCB-95/98/102	1.54	1.32-1.78	y	127.7	112.5-225
PCB-93	1.64	1.32-1.78	y	42.5	37.5-62.5
PCB-88/91	1.54	1.32-1.78	y	81.8	75.0-125
PCB-121	1.57	1.32-1.78	y	43.3	37.5-62.5

Analyst: DB

Date: 4/11/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E3-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E3 S#1 Analysis Date: 10-APR-18 Time: 20:01:25

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	1.55	1.32-1.78	y	86.1	75.0-125	PCB-140	1.28	1.05-1.43	y	41.5	37.5-62.5
PCB-89	1.57	1.32-1.78	y	42.6	37.5-62.5	PCB-134/143	1.21	1.05-1.43	y	90.4	75.0-125
PCB-90/101	1.58	1.32-1.78	y	85.6	75.0-125	PCB-131/133	1.23	1.05-1.43	y	92.0	75.0-125
PCB-113	1.55	1.32-1.78	y	39.2	37.5-62.5	PCB-142	1.23	1.05-1.43	y	46.2	37.5-62.5
PCB-99	1.58	1.32-1.78	y	46.6	37.5-62.5	PCB-146/165	1.22	1.05-1.43	y	93.2	75.0-125
PCB-119	1.57	1.32-1.78	y	44.1	37.5-62.5	PCB-132/161	1.22	1.05-1.43	y	93.8	75.0-125
PCB-108/112	1.56	1.32-1.78	y	87.5	75.0-125	PCB-153	1.22	1.05-1.43	y	47.9	37.5-62.5
PCB-83	1.59	1.32-1.78	y	42.4	37.5-62.5	PCB-168	1.23	1.05-1.43	y	45.7	37.5-62.5
PCB-97	1.57	1.32-1.78	y	43.6	37.5-62.5	PCB-141	1.23	1.05-1.43	y	46.7	37.5-62.5
PCB-86	1.53	1.32-1.78	y	46.0	37.5-62.5	PCB-137	1.21	1.05-1.43	y	42.9	37.5-62.5
PCB-87/117/125	1.58	1.32-1.78	y	126.2	112.5-225	PCB-130	1.23	1.05-1.43	y	49.0	37.5-62.5
PCB-111/115	1.56	1.32-1.78	y	84.2	75.0-125	PCB-138/163/164	1.23	1.05-1.43	y	139.6	112.5-225
PCB-85/116	1.59	1.32-1.78	y	87.9	75.0-125	PCB-158/160	1.23	1.05-1.43	y	92.6	75.0-125
PCB-120	1.55	1.32-1.78	y	41.3	37.5-62.5	PCB-129	1.22	1.05-1.43	y	46.4	37.5-62.5
PCB-110	1.56	1.32-1.78	y	43.5	37.5-62.5	PCB-166	1.21	1.05-1.43	y	47.1	37.5-62.5
PCB-82	1.55	1.32-1.78	y	42.1	37.5-62.5	PCB-159	1.22	1.05-1.43	y	47.5	37.5-62.5
PCB-124	1.56	1.32-1.78	y	44.5	37.5-62.5	PCB-128/162	1.21	1.05-1.43	y	94.0	75.0-125
PCB-107/109	1.59	1.32-1.78	y	82.1	75.0-125	PCB-167	1.24	1.05-1.43	y	46.6	37.5-62.5
PCB-123	1.57	1.32-1.78	y	44.5	37.5-62.5	PCB-156	1.22	1.05-1.43	y	45.2	37.5-62.5
PCB-106/118	1.56	1.32-1.78	y	88.2	75.0-125	PCB-157	1.24	1.05-1.43	y	46.2	37.5-62.5
PCB-114	1.54	1.32-1.78	y	43.5	37.5-62.5	PCB-169	1.23	1.05-1.43	y	46.4	37.5-62.5
PCB-122	1.54	1.32-1.78	y	46.0	37.5-62.5	PCB-188	1.03	0.89-1.21	y	44.5	37.5-62.5
PCB-105	1.55	1.32-1.78	y	44.2	37.5-62.5	PCB-184	1.03	0.89-1.21	y	46.2	37.5-62.5
PCB-127	1.54	1.32-1.78	y	43.9	37.5-62.5	PCB-179	1.04	0.89-1.21	y	46.0	37.5-62.5
PCB-126	1.57	1.32-1.78	y	45.3	37.5-62.5	PCB-176	1.04	0.89-1.21	y	45.5	37.5-62.5
PCB-155	1.26	1.05-1.43	y	42.7	37.5-62.5	PCB-186	1.04	0.89-1.21	y	47.3	37.5-62.5
PCB-150	1.26	1.05-1.43	y	42.5	37.5-62.5	PCB-178	1.04	0.89-1.21	y	47.1	37.5-62.5
PCB-152	1.27	1.05-1.43	y	41.8	37.5-62.5	PCB-175	1.04	0.89-1.21	y	48.4	37.5-62.5
PCB-145	1.27	1.05-1.43	y	40.8	37.5-62.5	PCB-182/187	1.05	0.89-1.21	y	92.5	75.0-125
PCB-136	1.25	1.05-1.43	y	38.8	37.5-62.5	PCB-183	1.05	0.89-1.21	y	47.6	37.5-62.5
PCB-148	1.27	1.05-1.43	y	42.7	37.5-62.5	PCB-185	1.04	0.89-1.21	y	46.6	37.5-62.5
PCB-154	1.26	1.05-1.43	y	40.2	37.5-62.5	PCB-174	1.04	0.89-1.21	y	43.0	37.5-62.5
PCB-151	1.26	1.05-1.43	y	41.5	37.5-62.5	PCB-181	1.05	0.89-1.21	y	49.5	37.5-62.5
PCB-135	1.25	1.05-1.43	y	41.1	37.5-62.5	PCB-177	1.05	0.89-1.21	y	46.2	37.5-62.5
PCB-144	1.27	1.05-1.43	y	41.6	37.5-62.5	PCB-171	1.03	0.89-1.21	y	44.9	37.5-62.5
PCB-147	1.28	1.05-1.43	y	42.6	37.5-62.5	PCB-173	1.04	0.89-1.21	y	45.4	37.5-62.5
PCB-139/149	1.26	1.05-1.43	y	85.0	75.0-125	PCB-172	1.05	0.89-1.21	y	45.9	37.5-62.5

Analyst: DB

Date: 4/4/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E3-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E3 S#1 Analysis Date: 10-APR-18 Time: 20:01:25

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.04	0.89-1.21	y	47.4	37.5-62.5
PCB-180	1.05	0.89-1.21	y	46.6	37.5-62.5
PCB-193	1.04	0.89-1.21	y	45.2	37.5-62.5
PCB-191	1.05	0.89-1.21	y	46.2	37.5-62.5
PCB-170	1.03	0.89-1.21	y	46.0	37.5-62.5
PCB-190	1.04	0.89-1.21	y	46.4	37.5-62.5
PCB-189	1.05	0.89-1.21	y	44.9	37.5-62.5
PCB-202	0.90	0.76-1.02	y	45.1	37.5-62.5
PCB-201	0.89	0.76-1.02	y	45.5	37.5-62.5
PCB-204	0.89	0.76-1.02	y	43.4	37.5-62.5
PCB-197	0.90	0.76-1.02	y	43.3	37.5-62.5
PCB-200	0.89	0.76-1.02	y	44.2	37.5-62.5
PCB-198	0.88	0.76-1.02	y	45.0	37.5-62.5
PCB-199	0.90	0.76-1.02	y	45.4	37.5-62.5
PCB-196/203	0.90	0.76-1.02	y	91.9	75.0-125
PCB-195	0.90	0.76-1.02	y	44.2	37.5-62.5
PCB-194	0.90	0.76-1.02	y	43.5	37.5-62.5
PCB-205	0.90	0.76-1.02	y	45.5	37.5-62.5
PCB-208	1.31	1.14-1.54	y	45.9	37.5-62.5
PCB-207	1.31	1.14-1.54	y	45.6	37.5-62.5
PCB-206	1.33	1.14-1.54	y	46.0	37.5-62.5
PCB-209	1.19	0.99-1.33	y	45.1	37.5-62.5

Analyst: JB

Date: 4/4/18

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180409E3-1 Instrument ID: VG-8

Initial Calibration Date: 2-8-18 ICal ID: PCBVG8-2-8-18 GC Column ID: ZB-1

VER Data Filename: 180409E3 S#1 Analysis Date: 10-APR-18 Time: 20:01:25

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.09	2.66-3.60	y	73.4	50.0-145
13C-PCB-3	3.17	2.66-3.60	y	76.4	50.0-145
13C-PCB-4	1.53	1.33-1.79	y	93.5	50.0-145
13C-PCB-9	1.53	1.33-1.79	y	97.6	50.0-145
13C-PCB-11	1.54	1.33-1.79	y	100.5	50.0-145
13C-PCB-19	1.05	0.88-1.20	y	108.2	50.0-145
13C-PCB-32	1.04	0.88-1.20	y	107.6	50.0-145
13C-PCB-28	1.05	0.88-1.20	y	93.4	50.0-145
13C-PCB-37	1.07	0.88-1.20	y	90.9	50.0-145
13C-PCB-54	0.79	0.65-0.89	y	110.6	50.0-145
13C-PCB-52	0.78	0.65-0.89	y	107.1	50.0-145
13C-PCB-47	0.79	0.65-0.89	y	107.1	50.0-145
13C-PCB-70	0.79	0.65-0.89	y	102.8	50.0-145
13C-PCB-80	0.79	0.65-0.89	y	104.1	50.0-145
13C-PCB-81	0.77	0.65-0.89	y	95.2	50.0-145
13C-PCB-77	0.80	0.65-0.89	y	93.0	50.0-145
13C-PCB-104	1.57	1.32-1.78	y	110.8	50.0-145
13C-PCB-95	1.59	1.32-1.78	y	111.6	50.0-145
13C-PCB-101	1.61	1.32-1.78	y	108.7	50.0-145
13C-PCB-97	1.59	1.32-1.78	y	102.9	50.0-145
13C-PCB-123	1.60	1.32-1.78	y	104.4	50.0-145
13C-PCB-118	1.63	1.32-1.78	y	103.6	50.0-145
13C-PCB-114	1.59	1.32-1.78	y	88.9	50.0-145
13C-PCB-105	1.55	1.32-1.78	y	96.1	50.0-145
13C-PCB-127	1.56	1.32-1.78	y	95.6	50.0-145
13C-PCB-126	1.56	1.32-1.78	y	95.7	50.0-145
13C-PCB-155	1.27	1.05-1.43	y	129.3	50.0-145
13C-PCB-153	1.24	1.05-1.43	y	98.1	50.0-145
13C-PCB-141	1.27	1.05-1.43	y	101.0	50.0-145
13C-PCB-138	1.27	1.05-1.43	y	100.9	50.0-145
13C-PCB-159	1.25	1.05-1.43	y	99.1	50.0-145
13C-PCB-167	1.26	1.05-1.43	y	101.9	50.0-145
13C-PCB-156	1.27	1.05-1.43	y	100.2	50.0-145
13C-PCB-157	1.26	1.05-1.43	y	100.2	50.0-145

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-169	1.25	1.05-1.43	y	101.0	50 - 145
13C-PCB-188	0.45	0.38-0.52	y	98.5	50 - 145
13C-PCB-180	0.45	0.38-0.52	y	101.9	50 - 145
13C-PCB-170	0.45	0.38-0.52	y	107.8	50 - 145
13C-PCB-189	0.46	0.38-0.52	y	106.0	50 - 145
13C-PCB-202	0.90	0.76-1.02	y	118.5	50 - 145
13C-PCB-194	0.89	0.76-1.02	y	97.4	50 - 145
13C-PCB-208	0.78	0.65-0.89	y	107.2	50 - 145
13C-PCB-206	0.79	0.65-0.89	y	110.8	50 - 145
13C-PCB-209	1.19	0.99-1.33	y	136.7	50 - 145

CRS vs. RS

13C-PCB-79	0.80	0.65-0.89	y	97.1	75 - 125
13C-PCB-178	0.45	0.38-0.52	y	100.5	75 - 125

Analyst: DB

Date: 4/11/18

Client ID: PCB CS3 17L3006 Filename: 180409E3 S:1 Acq:10-APR-18 20:01:25 ConCal: ST180409E3-1
Lab ID: ST180409E3-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	1.32e+08	2.98	y 15:59	1.07	49.84		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.41e+08	3.05	y 18:22	1.06	48.43		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.45e+08	3.02	y 18:37	1.06	49.80		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.90e+08	1.59	y 19:59	1.24	92.96		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	2.45e+08	1.59	y 21:47	0.99	90.33		*	2.5	*	0.867	0.863-0.871
Di	PCB-6	1.33e+08	1.57	y 22:26	1.06	45.90		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.54e+08	1.58	y 22:50	1.03	90.49		*	2.5	*	0.909	0.904-0.913
Di	PCB-14	1.38e+08	1.58	y 23:57	1.03	47.21		*	2.5	*	0.953	0.948-0.958
Di	PCB-11	1.44e+08	1.60	y 25:08	1.11	45.79		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	2.62e+08	1.58	y 25:32	1.02	90.99		*	2.5	*	1.016	1.011-1.021
Di	PCB-15	1.45e+08	1.59	y 25:51	1.05	48.66		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	1.07e+08	1.06	y 24:07	1.20	44.66		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.68e+08	1.06	y 25:01	1.93	43.41		*	2.5	*	1.038	1.034-1.044
Tri	PCB-18	1.16e+08	1.05	y 25:46	0.91	43.71		*	2.5	*	0.953	0.948-0.958
Tri	PCB-17	1.08e+08	1.05	y 25:56	0.84	44.29		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	2.98e+08	1.05	y 26:31	1.15	89.08		*	2.5	*	0.981	0.977-0.986
Tri	PCB-16/32	2.60e+08	1.04	y 27:02	1.02	87.65		*	2.5	*	1.000	0.995-1.005
Tri	PCB-34	1.19e+08	1.05	y 27:49	0.96	47.15		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	1.27e+08	1.06	y 27:55	0.95	50.69		*	2.5	*	0.963	0.958-0.968
Tri	PCB-29	1.21e+08	1.05	y 28:10	0.96	47.76		*	2.5	*	0.972	0.966-0.976
Tri	PCB-26	1.26e+08	1.05	y 28:22	1.00	47.83		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.31e+08	1.05	y 28:33	1.06	47.07		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	1.45e+08	1.04	y 28:54	1.10	50.09		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.41e+08	1.07	y 29:00	1.14	47.08		*	2.5	*	1.000	0.995-1.005
Tri	PCB-20/21/33	3.73e+08	1.05	y 29:36	1.00	142.4		*	2.5	*	1.021	1.017-1.027
Tri	PCB-22	1.34e+08	1.04	y 30:03	1.09	46.84		*	2.5	*	1.037	1.032-1.042
Tri	PCB-36	1.34e+08	1.05	y 30:41	1.15	46.91		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	1.25e+08	1.03	y 31:08	1.07	46.91		*	2.5	*	0.947	0.943-0.953
Tri	PCB-38	1.28e+08	1.06	y 31:55	1.10	46.54		*	2.5	*	0.971	0.966-0.976
Tri	PCB-35	1.29e+08	1.04	y 32:27	1.12	46.22		*	2.5	*	0.988	0.982-0.992
Tri	PCB-37	1.28e+08	1.04	y 32:53	1.11	46.24		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-54	1.40e+08	0.77	y 27:53	1.07	46.77		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	1.13e+08	0.78	y 29:03	0.87	46.34		*	2.5	*	1.043	1.038-1.048
Tetra	PCB-53	1.05e+08	0.78	y 29:42	1.01	47.03		*	2.5	*	0.946	0.940-0.950
Tetra	PCB-51	1.13e+08	0.77	y 30:02	1.10	46.23		*	2.5	*	0.957	0.952-0.962
Tetra	PCB-45	8.66e+07	0.77	y 30:28	0.87	44.78		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	8.42e+07	0.77	y 30:57	0.84	45.36		*	2.5	*	0.986	0.980-0.990

Integrations by:

Analyst: DB

Date: 4/11/18

Reviewed by: CT Date: 4/12/18

Client ID: PCB CS3 17L3006 Filename: 180409E3 S:1 Acq:10-APR-18 20:01:25 ConCal: ST180409E3-1
Lab ID: ST180409E3-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	2.51e+08	0.77	y 31:26	1.21	93.31		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-73	1.38e+08	0.80	y 31:34	1.45	42.76		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	2.05e+08	0.76	y 31:43	1.01	91.23		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	9.89e+07	0.76	y 31:56	0.91	45.08		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-48/75	2.53e+08	0.77	y 32:02	1.13	92.29		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	1.44e+08	0.77	y 32:18	1.27	46.64		*	2.5	*	1.012	1.007-1.017
Tetra	PCB-62	1.16e+08	0.78	y 32:25	1.10	43.80		*	2.5	*	1.016	1.011-1.021
Tetra	PCB-44	9.40e+07	0.77	y 32:43	0.85	45.40		*	2.5	*	1.025	1.020-1.030
Tetra	PCB-42/59	2.21e+08	0.77	y 32:57	1.02	89.58		*	2.5	*	1.033	1.027-1.037
Tetra	PCB-41/64/71/72	5.10e+08	0.78	y 33:32	1.17	180.6		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	1.37e+08	0.78	y 33:48	1.28	44.31		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	7.07e+07	0.78	y 33:60	0.62	46.78		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	1.46e+08	0.77	y 34:22	1.13	46.57		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	1.41e+08	0.76	y 34:41	1.10	45.94		*	2.5	*	0.979	0.973-0.983
Tetra	PCB-58	1.50e+08	0.78	y 34:48	1.12	47.88		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	1.29e+08	0.77	y 34:57	1.00	46.31		*	2.5	*	0.986	0.981-0.991
Tetra	PCB-74	1.47e+08	0.77	y 35:14	1.18	44.62		*	2.5	*	0.994	0.989-0.999
Tetra	PCB-61/70	2.56e+08	0.77	y 35:24	1.03	89.41		*	2.5	*	0.999	0.994-1.004
Tetra	PCB-76/66	2.91e+08	0.77	y 35:37	1.13	92.12		*	2.5	*	1.006	1.000-1.010
Tetra	PCB-80	1.51e+08	0.77	y 35:52	1.19	45.08		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-55	1.48e+08	0.79	y 36:10	1.16	45.50		*	2.5	*	1.009	1.004-1.014
Tetra	PCB-56/60	2.56e+08	0.76	y 36:40	1.04	87.46		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	1.40e+08	0.77	y 37:45	1.17	42.69		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	1.30e+08	0.77	y 38:26	1.10	45.25		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-81	1.19e+08	0.76	y 38:58	0.97	47.34		*	2.5	*	1.000	0.995-1.005
Tetra	PCB-77	1.22e+08	0.79	y 39:33	1.08	46.38		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	1.02e+08	1.56	y 32:35	1.08	43.32		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	1.09e+08	1.56	y 33:50	1.13	43.97		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	8.65e+07	1.57	y 34:23	0.91	43.48		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	8.90e+07	1.58	y 34:44	0.93	43.88		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	6.83e+07	1.58	y 35:13	0.91	42.47		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	2.63e+08	1.54	y 35:41	1.17	127.7		*	2.5	*	0.999	0.994-1.004
Penta	PCB-93	6.92e+07	1.64	y 35:49	0.93	42.47		*	2.5	*	1.003	0.997-1.007
Penta	PCB-88/91	1.40e+08	1.54	y 36:06	0.97	81.81		*	2.5	*	1.011	1.005-1.015
Penta	PCB-121	1.28e+08	1.57	y 36:14	1.68	43.32		*	2.5	*	1.014	1.009-1.019
Penta	PCB-84/92	1.43e+08	1.55	y 37:03	0.97	86.13		*	2.5	*	0.990	0.985-0.995
Penta	PCB-89	7.77e+07	1.57	y 37:13	1.06	42.59		*	2.5	*	0.995	0.990-1.000

Analyst: DB

Date: 4/11/18

Client ID: PCB CS3 17L3006 Filename: 180409E3 S:1 Acq:10-APR-18 20:01:25 ConCal: ST180409E3-1
Lab ID: ST180409E3-1 GC Column ID: ZB-1 ICal: PCBVC8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	1.58e+08	1.58	y 37:24	1.08	85.64		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	9.92e+07	1.55	y 37:39	1.48	39.23		*	2.5	*	1.007	1.002-1.012
Penta	PCB-99	1.00e+08	1.58	y 37:45	1.25	46.60		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	1.06e+08	1.57	y 38:13	1.70	44.10		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	1.74e+08	1.56	y 38:22	1.40	87.48		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	1.05e+08	1.59	y 38:31	1.75	42.43		*	2.5	*	0.995	0.990-1.000
Penta	PCB-97	7.26e+07	1.57	y 38:44	1.17	43.59		*	2.5	*	1.001	0.995-1.005
Penta	PCB-86	7.05e+07	1.53	y 38:52	1.08	45.99		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	2.78e+08	1.58	y 39:00	1.55	126.2		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	2.14e+08	1.56	y 39:09	1.79	84.20		*	2.5	*	1.011	1.006-1.016
Penta	PCB-85/116	1.61e+08	1.59	y 39:16	1.29	87.90		*	2.5	*	1.014	1.009-1.019
Penta	PCB-120	1.16e+08	1.55	y 39:32	1.98	41.32		*	2.5	*	1.021	1.016-1.026
Penta	PCB-110	1.04e+08	1.56	y 39:40	1.69	43.50		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	6.58e+07	1.55	y 40:17	0.81	42.07		*	2.5	*	0.976	0.972-0.982
Penta	PCB-124	1.12e+08	1.56	y 40:58	1.30	44.48		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	2.09e+08	1.59	y 41:07	1.31	82.09		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	9.65e+07	1.57	y 41:17	1.12	44.49		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	2.11e+08	1.56	y 41:29	1.18	88.24		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	8.41e+07	1.54	y 42:06	1.11	43.48		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	8.21e+07	1.54	y 42:16	1.03	45.96		*	2.5	*	1.004	0.999-1.009
Penta	PCB-105	8.99e+07	1.55	y 42:58	1.12	44.18		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	9.64e+07	1.54	y 43:19	1.12	43.94		*	2.5	*	1.000	0.995-1.005
Penta	PCB-126	9.77e+07	1.57	y 45:12	1.20	45.27		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-155	8.83e+07	1.26	y 36:58	0.99	42.66		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-150	9.13e+07	1.26	y 38:14	1.02	42.48		*	2.5	*	1.035	1.030-1.040
Hexa	PCB-152	1.01e+08	1.27	y 38:42	1.16	41.83		*	2.5	*	1.047	1.042-1.052
Hexa	PCB-145	9.65e+07	1.27	y 39:09	1.13	40.78		*	2.5	*	1.059	1.054-1.064
Hexa	PCB-136	8.32e+07	1.25	y 39:28	1.02	38.78		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	6.92e+07	1.27	y 39:35	0.77	42.70		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	7.39e+07	1.26	y 40:05	0.88	40.24		*	2.5	*	1.085	1.079-1.089
Hexa	PCB-151	6.55e+07	1.26	y 40:43	0.75	41.53		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	7.41e+07	1.25	y 40:56	0.86	41.08		*	2.5	*	1.108	1.101-1.113
Hexa	PCB-144	6.68e+07	1.27	y 41:02	0.77	41.63		*	2.5	*	1.111	1.105-1.116
Hexa	PCB-147	7.19e+07	1.28	y 41:10	0.80	42.60		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.57e+08	1.26	y 41:26	0.88	85.02		*	2.5	*	1.121	1.115-1.127
Hexa	PCB-140	6.69e+07	1.28	y 41:37	0.77	41.49		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	1.49e+08	1.21	y 42:03	0.76	90.38		*	2.5	*	0.975	0.970-0.980

Analyst: JB

Date: 4/11/18

Client ID: PCB CS3 17L3006 Filename: 180409E3 S:1 Acq:10-APR-18 20:01:25 ConCal: ST180409E3-1
Lab ID: ST180409E3-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.63e+08	1.23	y 42:20	0.82	91.98		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	7.32e+07	1.23	y 42:29	0.73	46.19		*	2.5	*	0.985	0.981-0.991
Hexa	PCB-146/165	2.06e+08	1.22	y 42:43	1.02	93.16		*	2.5	*	0.990	0.986-0.996
Hexa	PCB-132/161	2.04e+08	1.22	y 42:58	1.00	93.78		*	2.5	*	0.996	0.992-1.002
Hexa	PCB-153	1.12e+08	1.22	y 43:09	1.08	47.88		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-168	1.11e+08	1.23	y 43:21	1.12	45.72		*	2.5	*	1.005	1.000-1.010
Hexa	PCB-141	8.79e+07	1.23	y 43:53	1.02	46.69		*	2.5	*	1.001	0.995-1.005
Hexa	PCB-137	8.74e+07	1.21	y 44:16	1.10	42.92		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	7.29e+07	1.23	y 44:22	0.81	48.96		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-138/163/164	3.37e+08	1.23	y 44:45	1.23	139.6		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	2.14e+08	1.23	y 44:59	1.18	92.57		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	7.10e+07	1.22	y 45:12	0.78	46.37		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	1.21e+08	1.21	y 45:40	1.13	47.08		*	2.5	*	0.993	0.988-0.998
Hexa	PCB-159	1.25e+08	1.22	y 46:00	1.16	47.51		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-128/162	1.90e+08	1.21	y 46:17	0.89	93.99		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.12e+08	1.24	y 46:40	1.02	46.62		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	1.10e+08	1.22	y 47:58	1.06	45.22		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	1.08e+08	1.24	y 48:14	1.02	46.19		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-169	1.22e+08	1.23	y 50:26	1.13	46.43		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-188	1.08e+08	1.03	y 42:47	1.37	44.50		*	2.5	*	1.001	0.995-1.005
Hepta	PCB-184	1.08e+08	1.03	y 43:13	1.32	46.25		*	2.5	*	1.011	1.006-1.016
Hepta	PCB-179	1.13e+08	1.04	y 43:60	1.38	46.02		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	1.05e+08	1.04	y 44:27	1.31	45.50		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	1.19e+08	1.04	y 45:04	1.42	47.30		*	2.5	*	1.054	1.049-1.059
Hepta	PCB-178	8.06e+07	1.04	y 45:34	0.97	47.10		*	2.5	*	1.066	1.060-1.070
Hepta	PCB-175	8.53e+07	1.04	y 45:55	1.00	48.40		*	2.5	*	1.074	1.069-1.079
Hepta	PCB-182/187	1.87e+08	1.05	y 46:05	1.14	92.48		*	2.5	*	1.078	1.072-1.082
Hepta	PCB-183	9.49e+07	1.05	y 46:24	1.13	47.63		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	8.06e+07	1.04	y 47:03	1.36	46.64		*	2.5	*	0.956	0.950-0.960
Hepta	PCB-174	7.76e+07	1.04	y 47:25	1.42	43.02		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	9.32e+07	1.05	y 47:31	1.48	49.54		*	2.5	*	0.965	0.960-0.970
Hepta	PCB-177	7.82e+07	1.05	y 47:41	1.33	46.20		*	2.5	*	0.969	0.963-0.973
Hepta	PCB-171	7.85e+07	1.03	y 47:59	1.37	44.93		*	2.5	*	0.975	0.969-0.979
Hepta	PCB-173	7.35e+07	1.04	y 48:24	1.27	45.45		*	2.5	*	0.983	0.978-0.988
Hepta	PCB-172	8.12e+07	1.05	y 48:52	1.39	45.93		*	2.5	*	0.992	0.987-0.997
Hepta	PCB-192	1.09e+08	1.04	y 49:03	1.80	47.38		*	2.5	*	0.996	0.991-1.001
Hepta	PCB-180	9.01e+07	1.05	y 49:16	1.52	46.63		*	2.5	*	1.001	0.995-1.005

Analyst: DB

Date: 4/11/18

Client ID: PCB CS3 17L3006 Filename: 180409E3 S:1 Acq:10-APR-18 20:01:25 ConCal: ST180409E3-1
Lab ID: ST180409E3-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	9.86e+07	1.04	y 49:28	1.71	45.19		*	2.5	*	1.005	0.999-1.009
Hepta	PCB-191	1.03e+08	1.05	y 49:43	1.74	46.25		*	2.5	*	1.010	1.005-1.015
Hepta	PCB-170	7.84e+07	1.03	y 50:51	1.44	46.05		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	1.07e+08	1.04	y 51:03	1.95	46.40		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	1.02e+08	1.05	y 52:28	1.46	44.85		*	2.5	*	1.000	0.995-1.005
Octa	PCB-202	9.31e+07	0.90	y 48:11	1.06	45.14		*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	8.64e+07	0.89	y 48:40	0.98	45.47		*	2.5	*	1.011	1.006-1.016
Octa	PCB-204	9.04e+07	0.89	y 48:50	1.07	43.41		*	2.5	*	1.014	1.009-1.019
Octa	PCB-197	9.24e+07	0.90	y 49:08	1.10	43.26		*	2.5	*	1.020	1.015-1.025
Octa	PCB-200	8.95e+07	0.89	y 50:02	1.04	44.20		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	7.35e+07	0.88	y 51:30	0.84	45.04		*	2.5	*	1.069	1.065-1.075
Octa	PCB-199	7.05e+07	0.90	y 51:37	0.80	45.36		*	2.5	*	1.072	1.067-1.077
Octa	PCB-196/203	1.50e+08	0.90	y 51:55	0.84	91.89		*	2.5	*	1.078	1.072-1.082
Octa	PCB-195	5.92e+07	0.90	y 53:09	1.04	44.22		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	6.51e+07	0.90	y 54:03	1.16	43.54		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	7.82e+07	0.90	y 54:18	1.33	45.48		*	2.5	*	1.005	1.000-1.010
Nona	PCB-208	8.31e+07	1.31	y 53:18	0.90	45.90		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	8.19e+07	1.31	y 53:37	0.89	45.64		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	6.27e+07	1.33	y 55:36	0.88	46.03		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	8.15e+07	1.19	y 56:55	1.04	45.09		*	2.5	*	1.000	0.995-1.005

Analyst: DB

Date: 4/11/18

Client ID: PCB CS3 17L3006 Filename: 180409E3 S:1 Acq:10-APR-18 20:01:25 ConCal: ST180409E3-1
Lab ID: ST180409E3-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-1	2.47e+08	3.09 y	1.13	15:57	0.618	0.616-0.622	73.4	73.4
13C-PCB-3	2.75e+08	3.17 y	1.21	18:36	0.720	0.716-0.724	76.4	76.4
13C-PCB-4	1.65e+08	1.53 y	0.59	19:56	0.772	0.769-0.777	93.5	93.5
13C-PCB-9	2.73e+08	1.53 y	0.94	21:44	0.842	0.837-0.845	97.6	97.6
13C-PCB-11	2.83e+08	1.54 y	0.95	25:07	0.973	0.968-0.978	100	100
13C-PCB-19	2.01e+08	1.05 y	0.62	24:06	0.933	0.928-0.938	108	108
13C-PCB-28	2.63e+08	1.05 y	1.05	28:59	1.004	0.999-1.009	93.4	93.4
13C-PCB-32	2.91e+08	1.04 y	0.91	27:01	1.046	1.041-1.051	108	108
13C-PCB-37	2.49e+08	1.07 y	1.02	32:52	1.138	1.132-1.144	90.9	90.9
13C-PCB-47	2.42e+08	0.79 y	0.83	31:55	0.870	0.867-0.875	107	107
13C-PCB-52	2.22e+08	0.78 y	0.76	31:24	0.857	0.853-0.861	107	107
13C-PCB-54	2.79e+08	0.79 y	0.93	27:51	0.760	0.756-0.764	111	111
13C-PCB-70	2.78e+08	0.79 y	1.00	35:26	0.966	0.961-0.971	103	103
13C-PCB-77	2.42e+08	0.80 y	0.96	39:32	1.078	1.073-1.083	93.0	93.0
13C-PCB-80	2.81e+08	0.79 y	1.00	35:51	0.978	0.973-0.983	104	104
13C-PCB-81	2.60e+08	0.77 y	1.01	38:56	1.062	1.057-1.067	95.2	95.2
13C-PCB-95	1.76e+08	1.59 y	0.80	35:43	0.912	0.908-0.918	112	112
13C-PCB-97	1.42e+08	1.59 y	0.70	38:43	0.989	0.984-0.994	103	103
13C-PCB-101	1.71e+08	1.61 y	0.80	37:24	0.956	0.951-0.961	109	109
13C-PCB-104	2.19e+08	1.57 y	1.01	32:33	0.832	0.828-0.836	111	111
13C-PCB-105	1.81e+08	1.55 y	1.14	42:57	0.929	0.924-0.934	96.1	96.1
13C-PCB-114	1.74e+08	1.59 y	1.18	42:06	0.910	0.905-0.915	88.9	88.9
13C-PCB-118	2.03e+08	1.63 y	1.00	41:27	1.059	1.054-1.064	104	104
13C-PCB-123	1.94e+08	1.60 y	0.95	41:16	1.054	1.049-1.059	104	104
13C-PCB-126	1.80e+08	1.56 y	1.14	45:11	0.977	0.972-0.982	95.7	95.7
13C-PCB-127	1.96e+08	1.56 y	1.24	43:18	0.936	0.931-0.941	95.6	95.6
13C-PCB-138	1.96e+08	1.27 y	1.17	44:42	0.967	0.962-0.972	101	101
13C-PCB-141	1.85e+08	1.27 y	1.11	43:52	0.948	0.944-0.954	101	101
13C-PCB-153	2.17e+08	1.24 y	1.34	43:08	0.932	0.928-0.938	98.1	98.1
13C-PCB-155	2.10e+08	1.27 y	0.83	36:57	0.944	0.939-0.949	129	129
13C-PCB-156	2.29e+08	1.27 y	1.38	47:57	1.037	1.032-1.042	100	100
13C-PCB-157	2.27e+08	1.26 y	1.37	48:13	1.043	1.037-1.047	100	100
13C-PCB-159	2.27e+08	1.25 y	1.39	45:59	0.994	0.989-0.999	99.1	99.1
13C-PCB-167	2.36e+08	1.26 y	1.40	46:40	1.009	1.004-1.014	102	102
13C-PCB-169	2.32e+08	1.25 y	1.39	50:26	1.090	1.085-1.095	101	101
13C-PCB-170	1.19e+08	0.45 y	0.86	50:50	1.103	1.097-1.109	108	108
13C-PCB-180	1.28e+08	0.45 y	0.98	49:14	1.069	1.064-1.074	102	102
13C-PCB-188	1.77e+08	0.45 y	1.40	42:45	0.928	0.923-0.933	98.5	98.5
13C-PCB-189	1.56e+08	0.46 y	1.15	52:27	1.138	1.132-1.144	106	106
13C-PCB-194	1.29e+08	0.89 y	0.77	54:02	0.995	0.990-1.000	97.4	97.4
13C-PCB-202	1.95e+08	0.90 y	1.28	48:10	1.045	1.040-1.050	118	118
13C-PCB-206	1.55e+08	0.79 y	0.81	55:35	1.024	1.019-1.029	111	111
13C-PCB-208	2.02e+08	0.78 y	1.09	53:17	0.981	0.977-0.987	107	107
13C-PCB-209	1.74e+08	1.19 y	0.74	56:54	1.048	1.043-1.053	137	137

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	2.72e+08	0.80 y	1.03	37:44	1.029	1.024-1.034	97.1	97.1
13C-PCB-178	1.19e+08	0.45 y	0.93	45:32	0.985	0.980-0.990	100	100

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	2.72e+08	0.80 y	1.03	37:44	0.969	0.963-0.973	102	102
13C-PCB-178	1.19e+08	0.45 y	0.95	45:32	0.925	0.920-0.930	98.5	98.5

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	2.97e+08	1.54 y	1.00	25:50	100
13C-PCB-31	2.69e+08	1.07 y	1.00	28:53	100
13C-PCB-60	2.71e+08	0.79 y	1.00	36:40	100
13C-PCB-111	1.96e+08	1.60 y	1.00	39:09	100
13C-PCB-128	1.65e+08	1.25 y	1.00	46:15	100
13C-PCB-182	1.28e+08	0.46 y	1.00	46:05	100
13C-PCB-205	1.72e+08	0.90 y	1.00	54:18	100

Analyst: DB

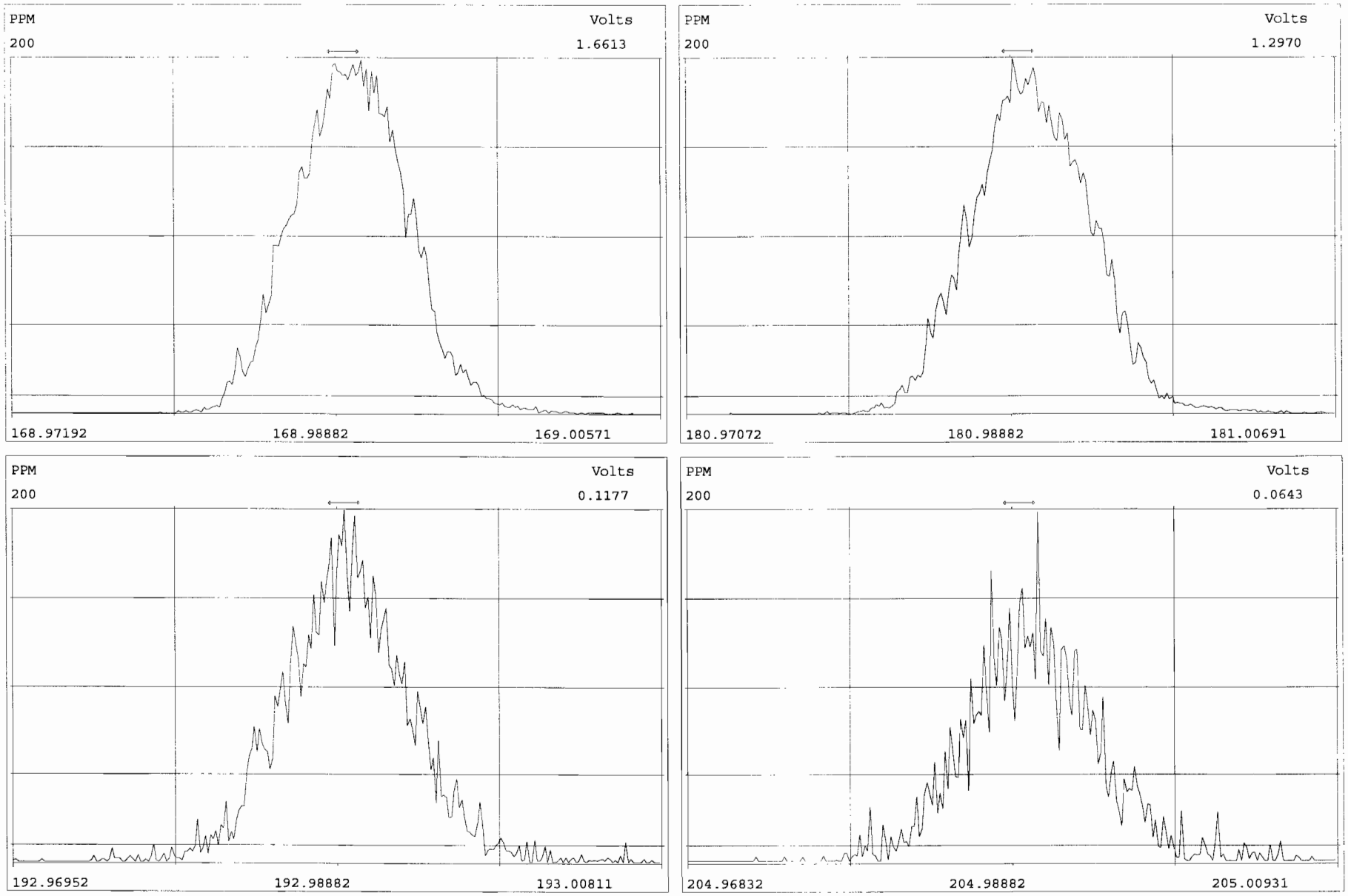
Date: 4/11/18

Vista Analytical Laboratory - Injection Log Run file: 180409E3 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180409E3	1	ST180409E3-1	DB	10-APR-18	20:01:25	ST180409E3-1	NA
180409E3	2	SOLVENT BLANK	DB	10-APR-18	21:06:34	ST180409E3-1	NA
180409E3	3	1701755-02	DB	10-APR-18	22:11:43	ST180409E3-1	NA
180409E3	4	1701755-03	DB	10-APR-18	23:16:48	ST180409E3-1	NA

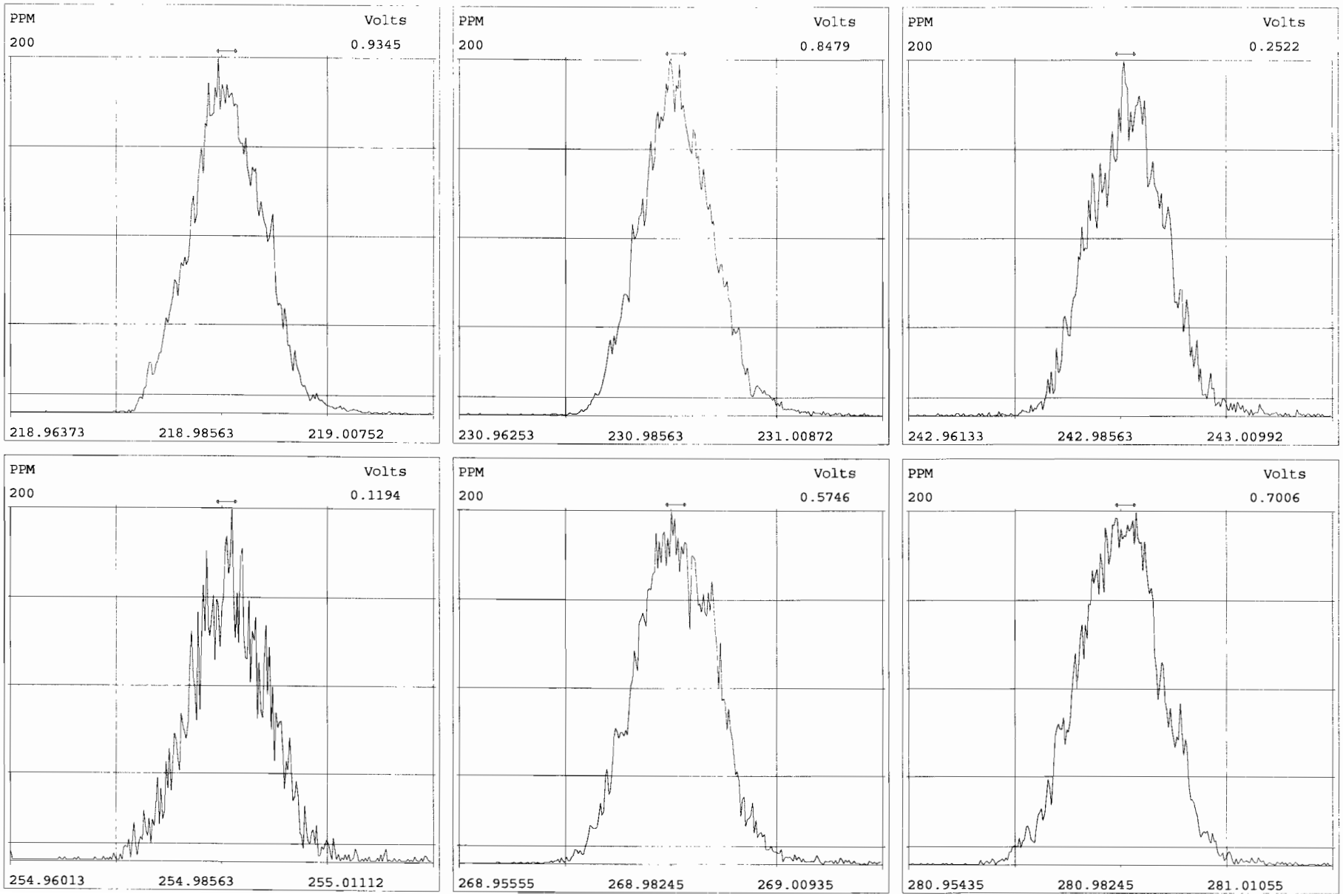
Peak Locate Examination:10-APR-2018:19:56 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



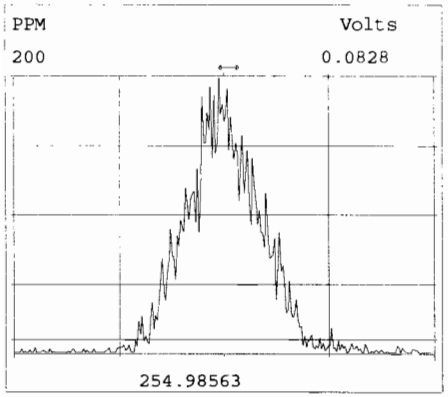
Peak Locate Examination:10-APR-2018:19:57 File:RES_CHECK

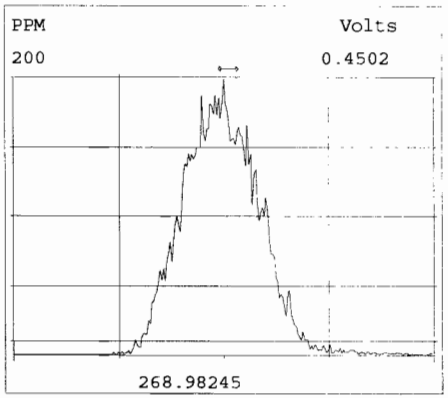
Experiment:PCB_ZB1 Function:2 Reference:PFK

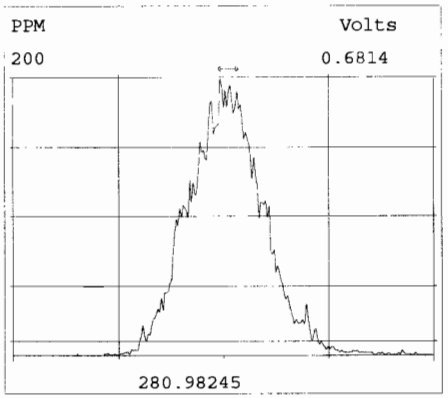


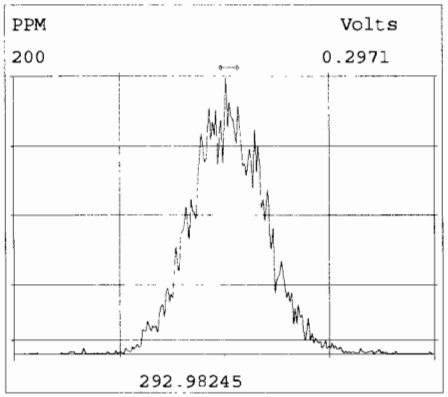
Peak Locate Examination:10-APR-2018:19:58 File:RES_CHECK

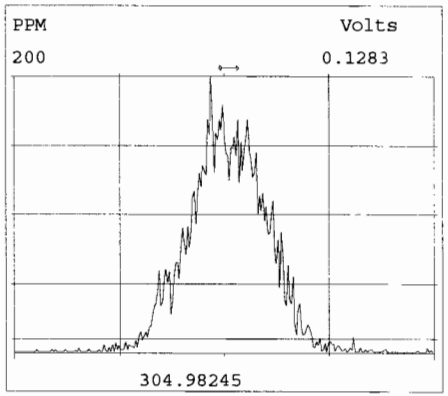
Experiment:PCB_ZB1 Function:3 Reference:PFK

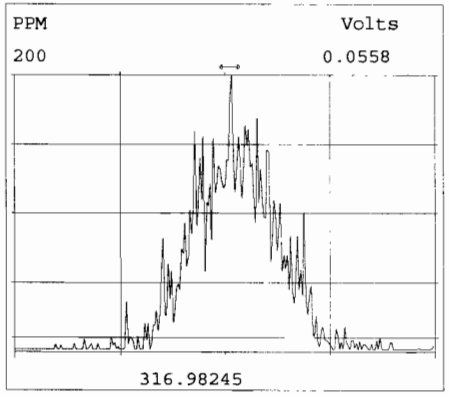


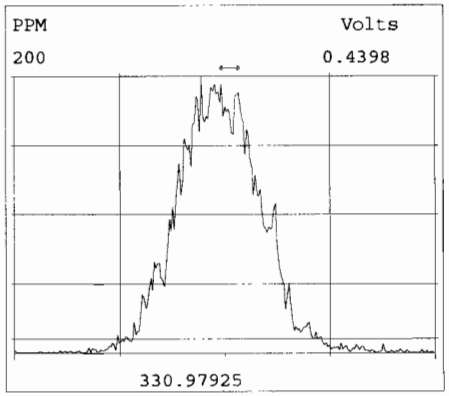


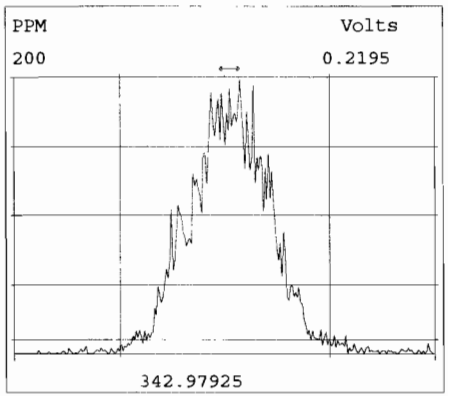


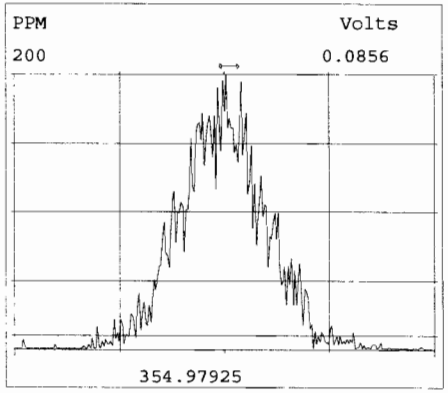


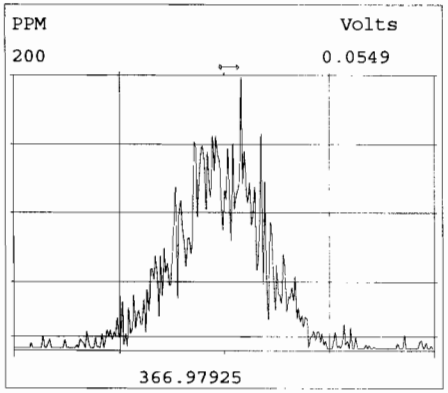


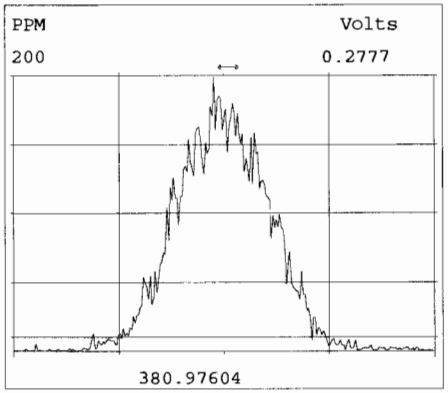






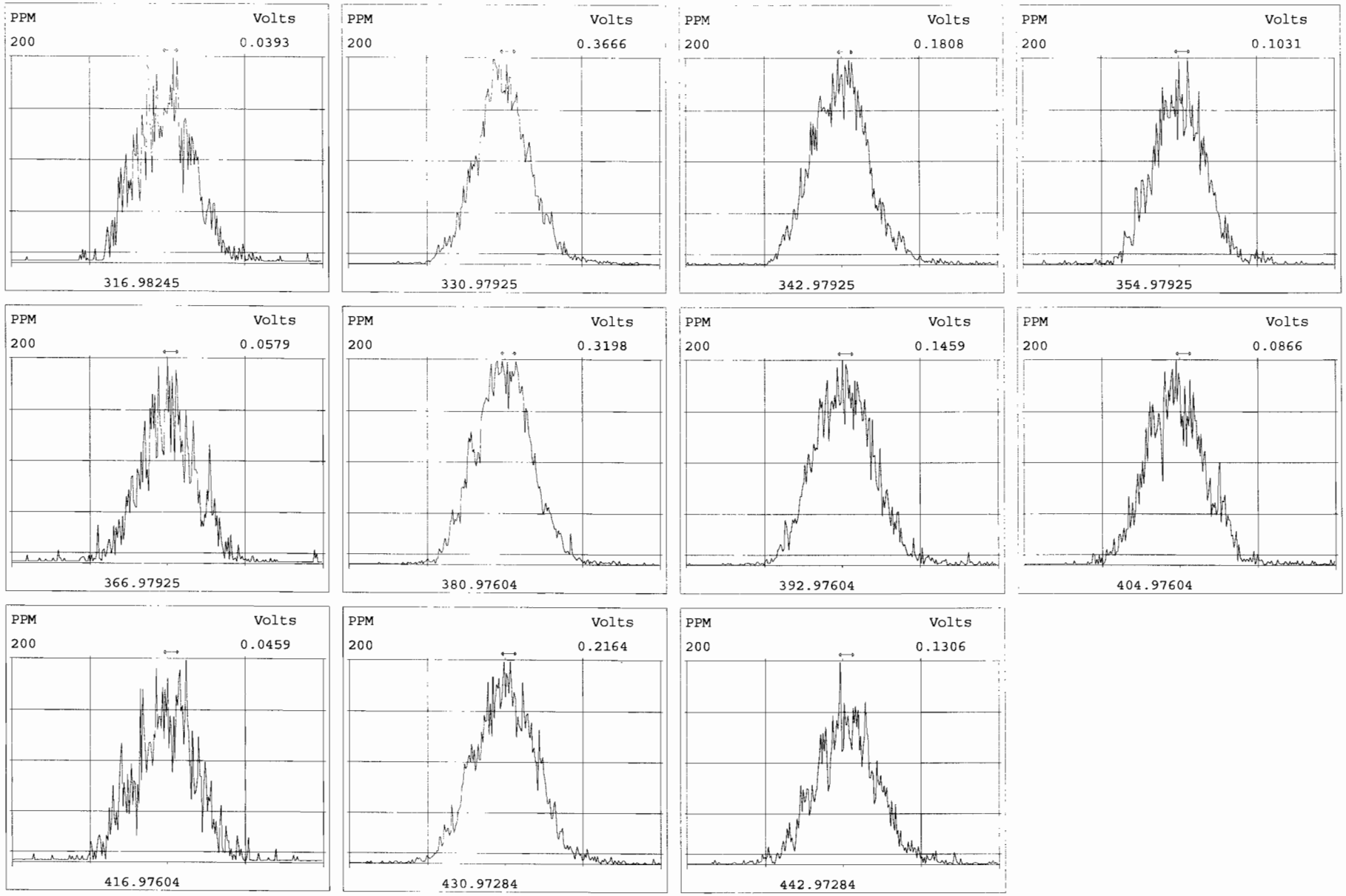






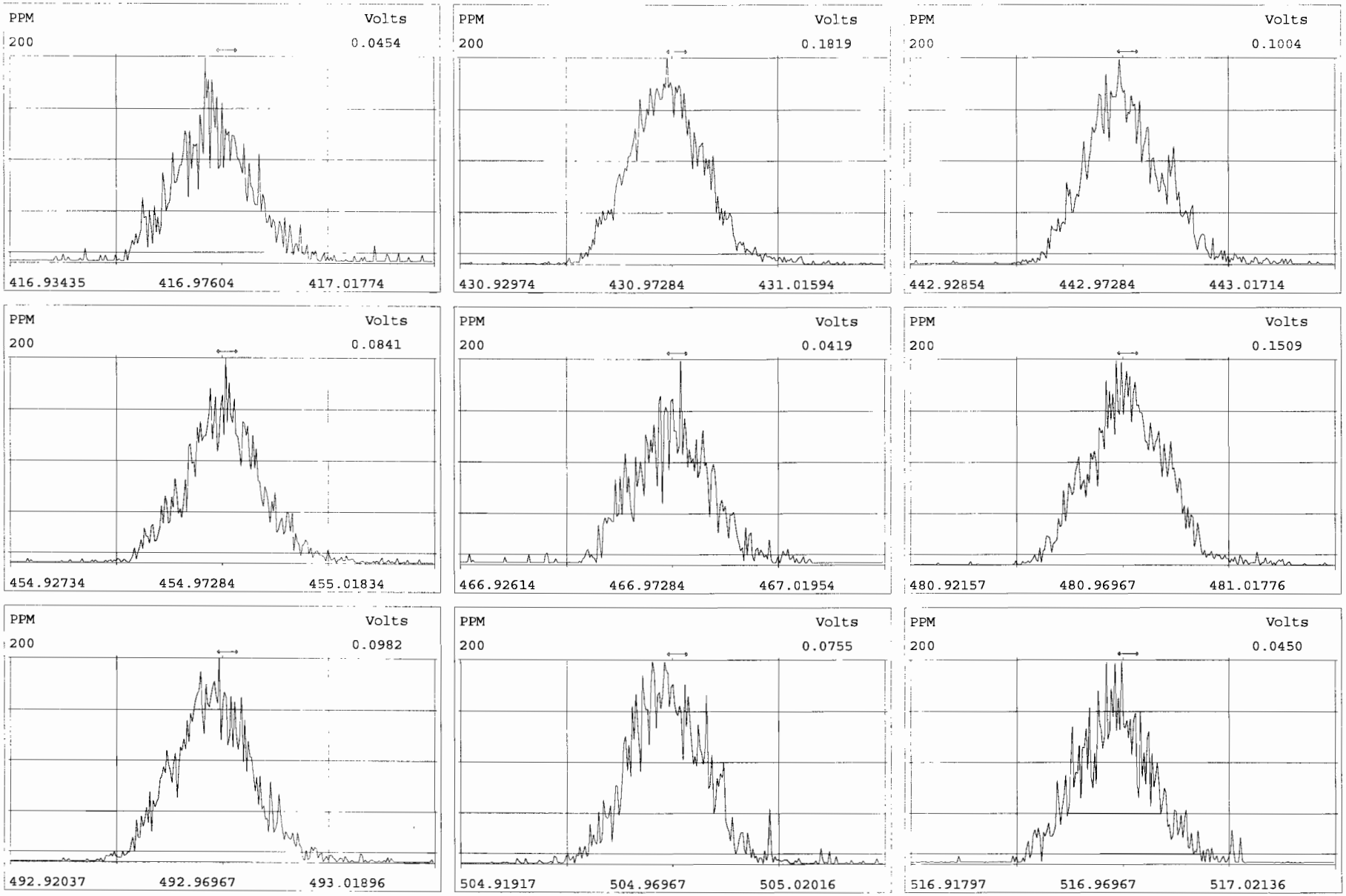
Peak Locate Examination:10-APR-2018:19:59 File:RES_CHECK

Experiment:PCB_ZB1 Function:4 Reference:PFK

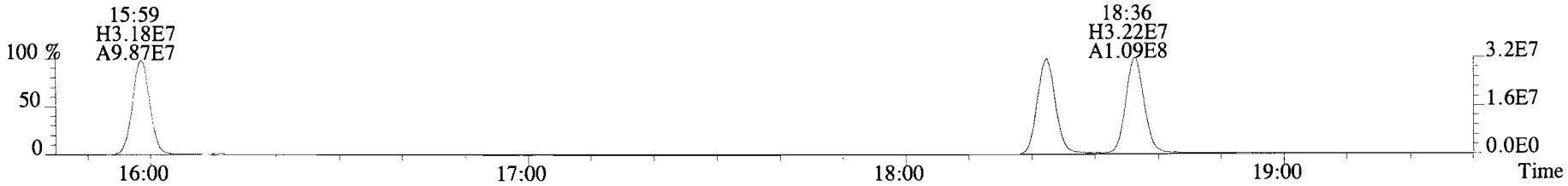


Peak Locate Examination:10-APR-2018:20:00 File:RES_CHECK

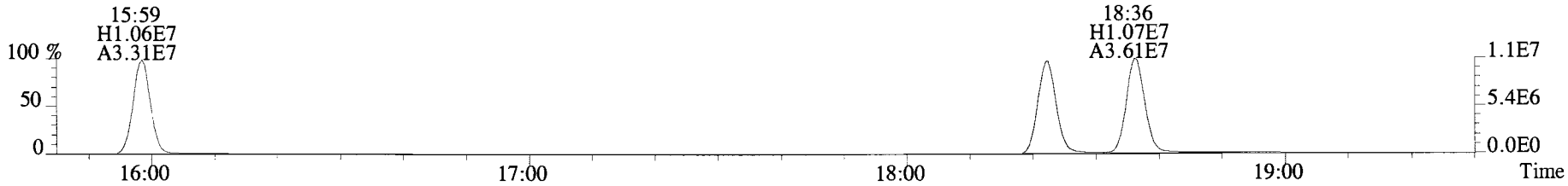
Experiment:PCB_ZB1 Function:5 Reference:PFK



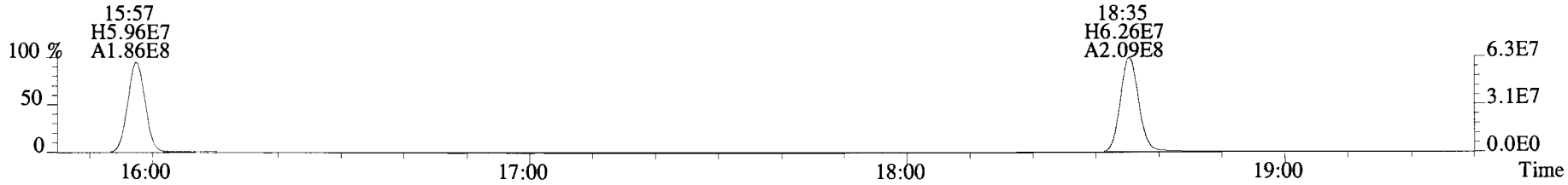
File:180409E3 #1-867 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3904.0,0.00%,F,F)



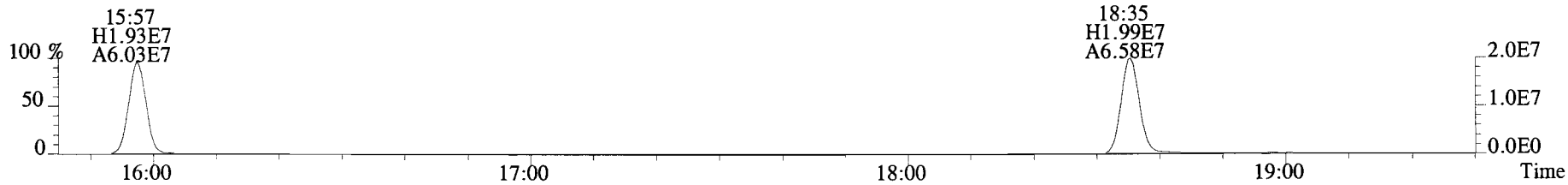
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2572.0,0.00%,F,F)



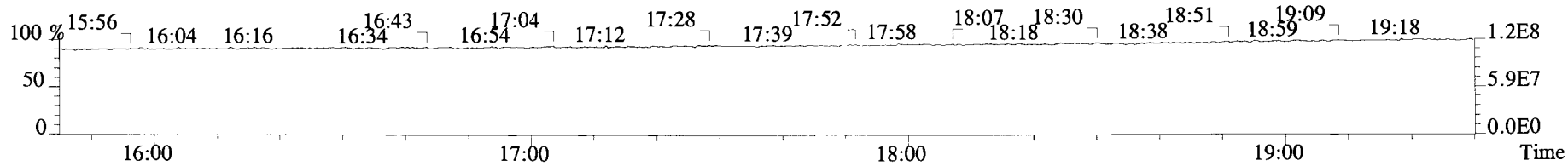
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4196.0,0.00%,F,F)



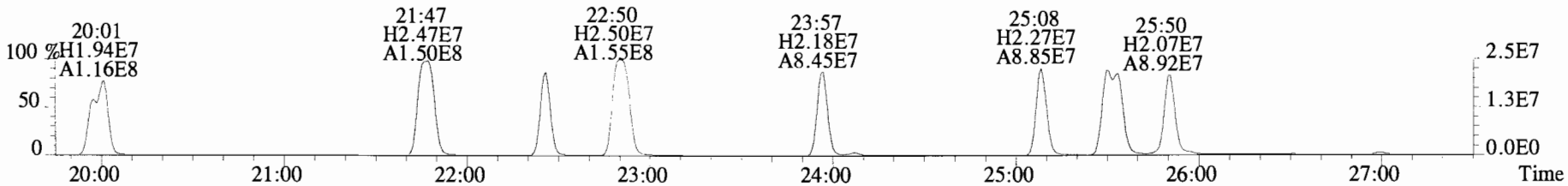
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22580.0,0.00%,F,F)



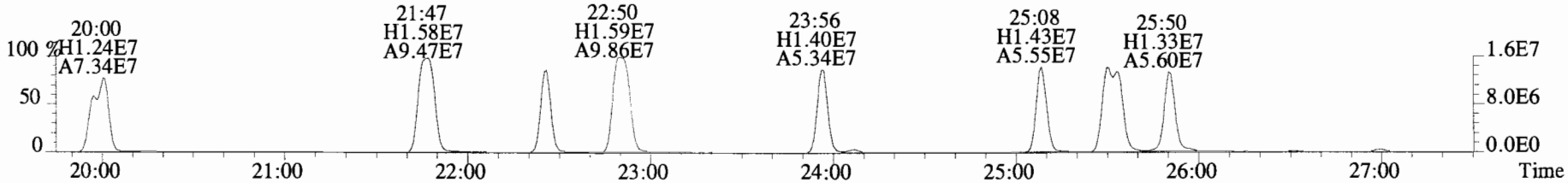
180.9880



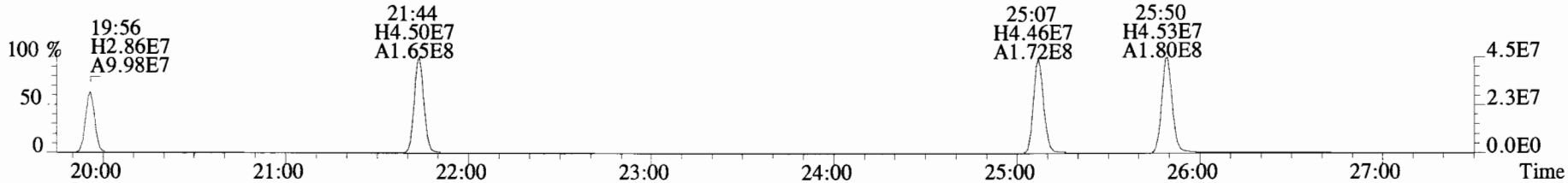
File:180409E3 #1-757 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16412.0,0.00%,F,F)



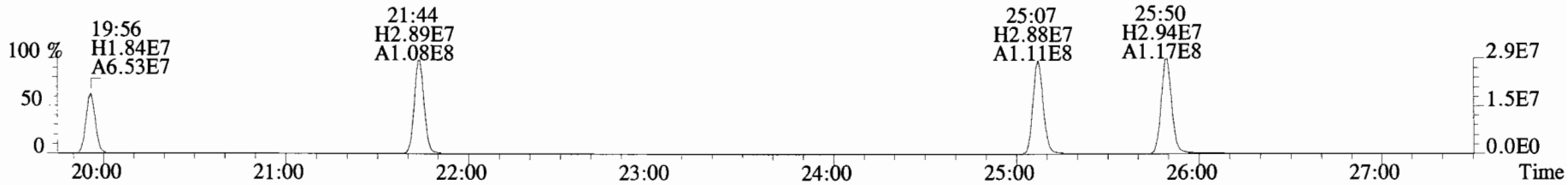
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35576.0,0.00%,F,F)



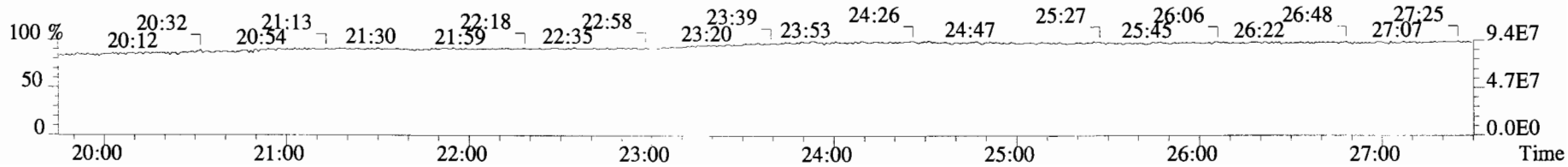
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6108.0,0.00%,F,F)



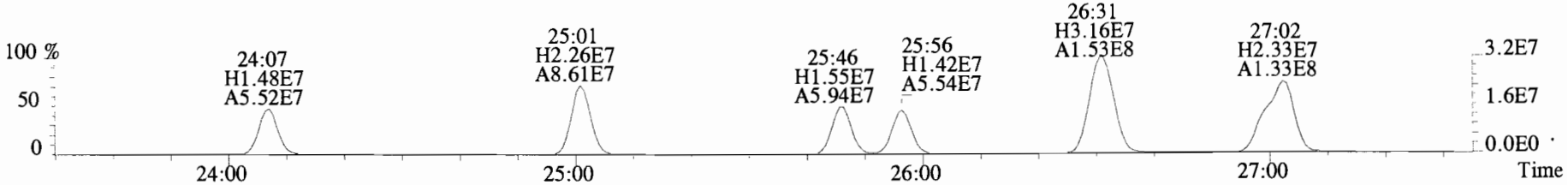
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6604.0,0.00%,F,F)



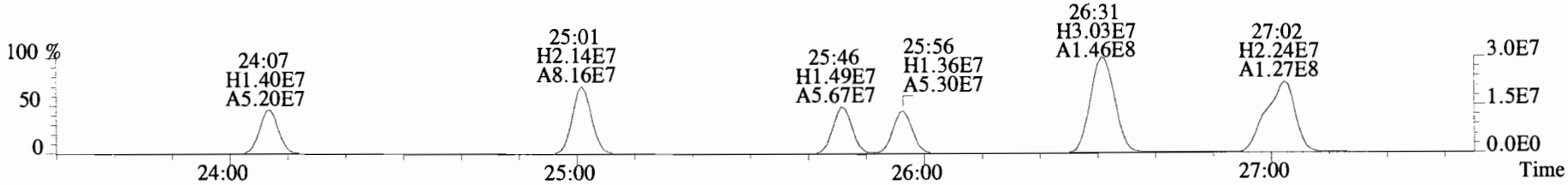
230.9856 F:2



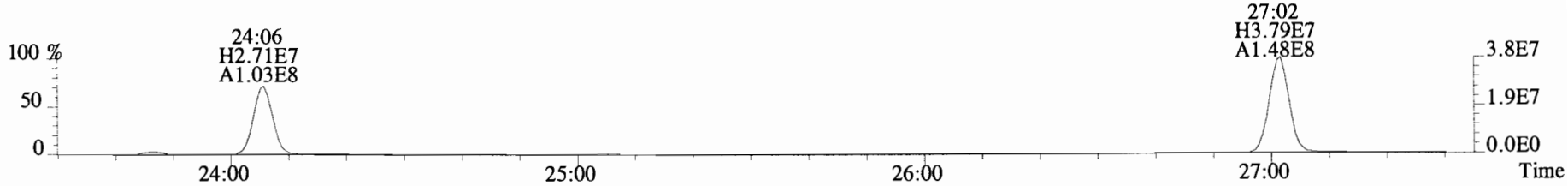
File:180409E3 #1-757 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



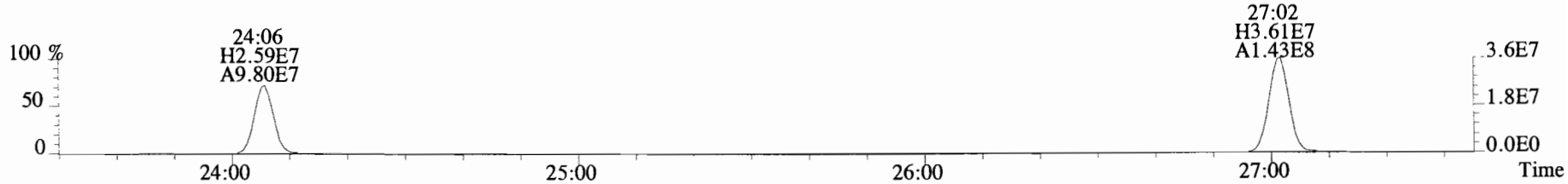
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



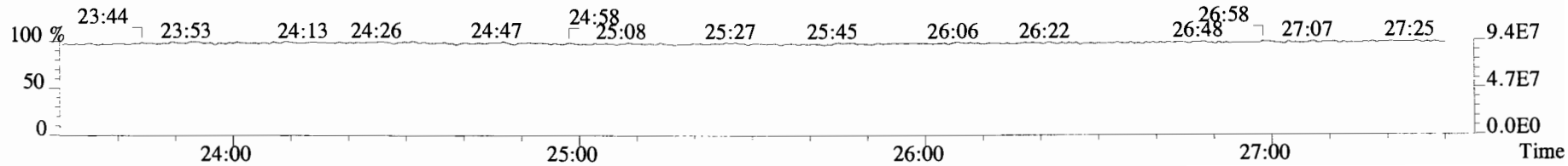
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,80704.0,0.00%,F,F)



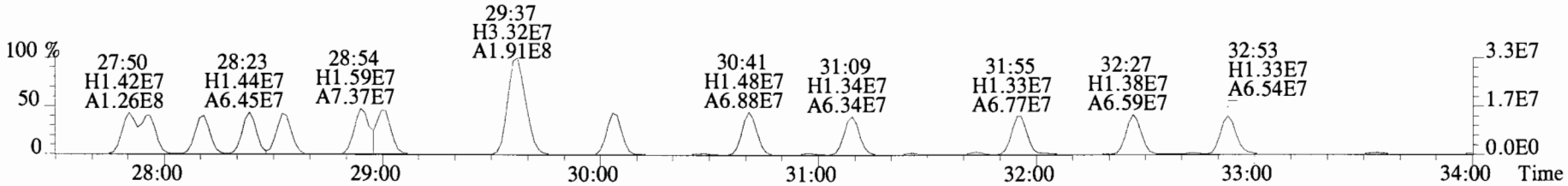
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83308.0,0.00%,F,F)



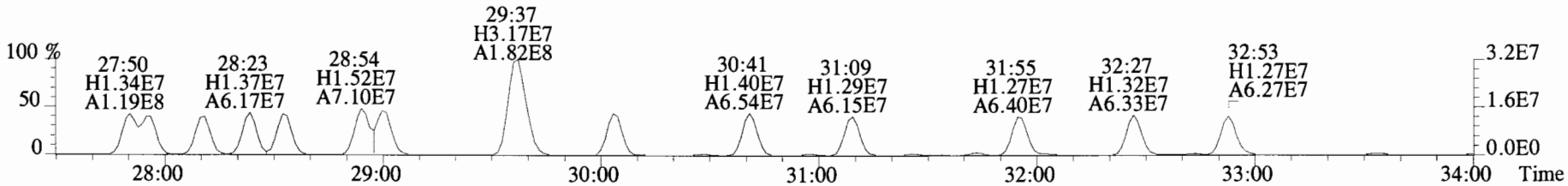
230.9856 F:2



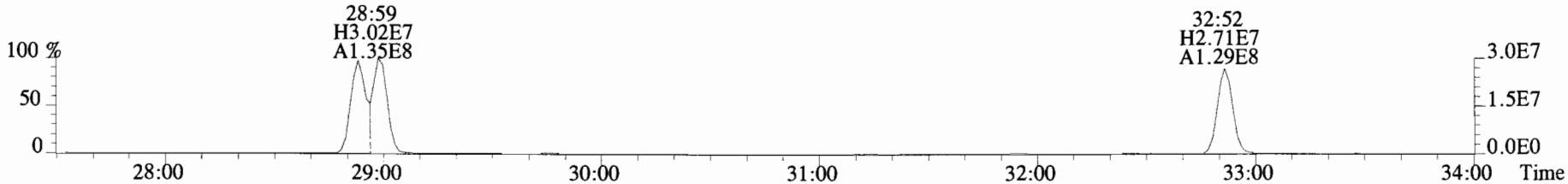
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50372.0,0.00%,F,F)



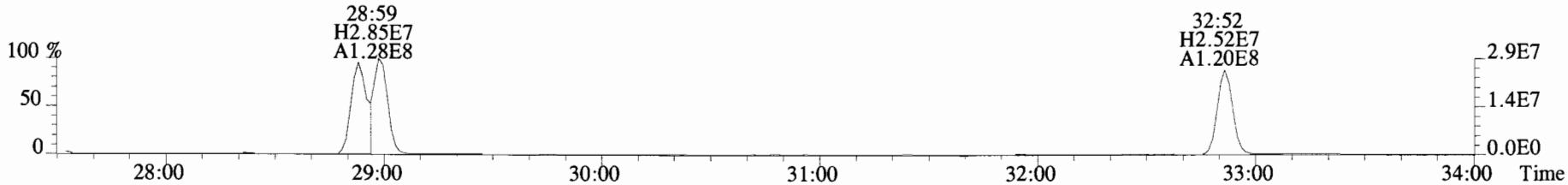
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41460.0,0.00%,F,F)



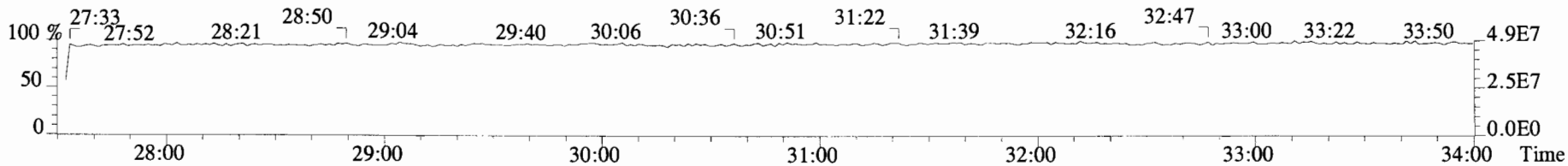
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83700.0,0.00%,F,F)



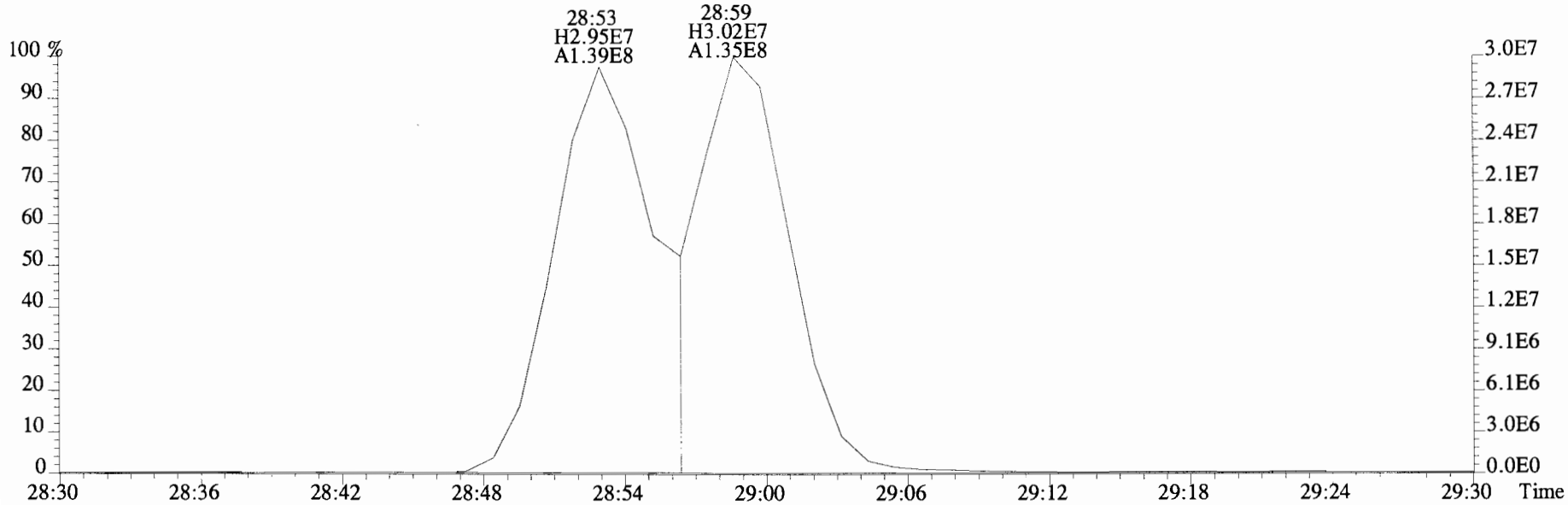
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,82948.0,0.00%,F,F)



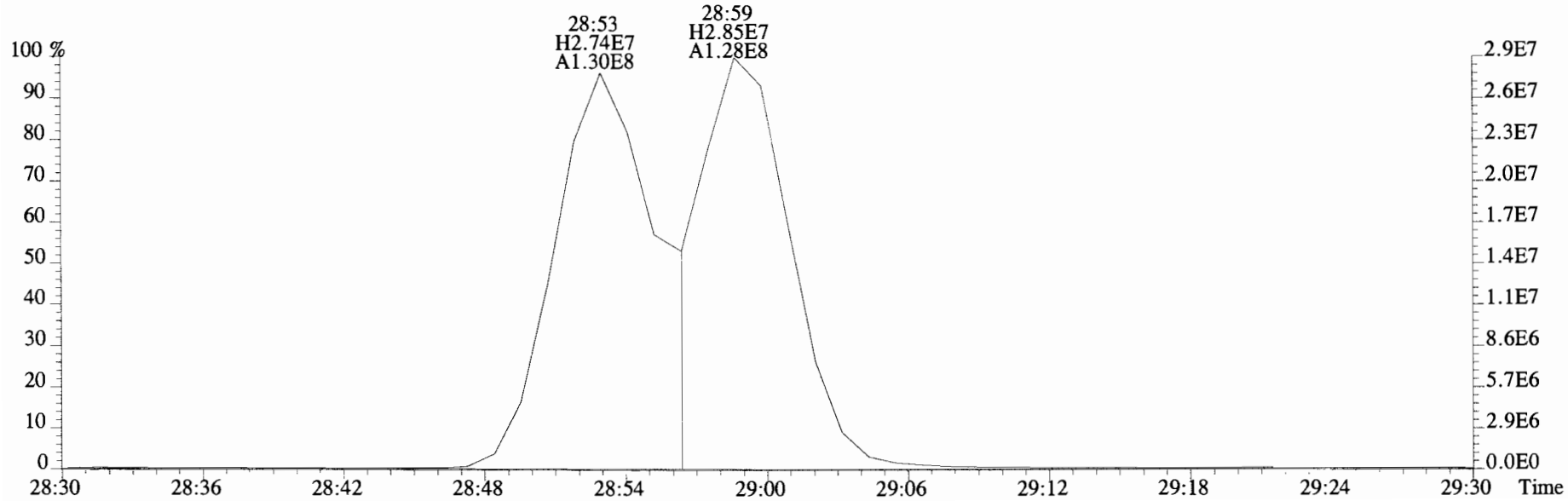
330.9792 F:3



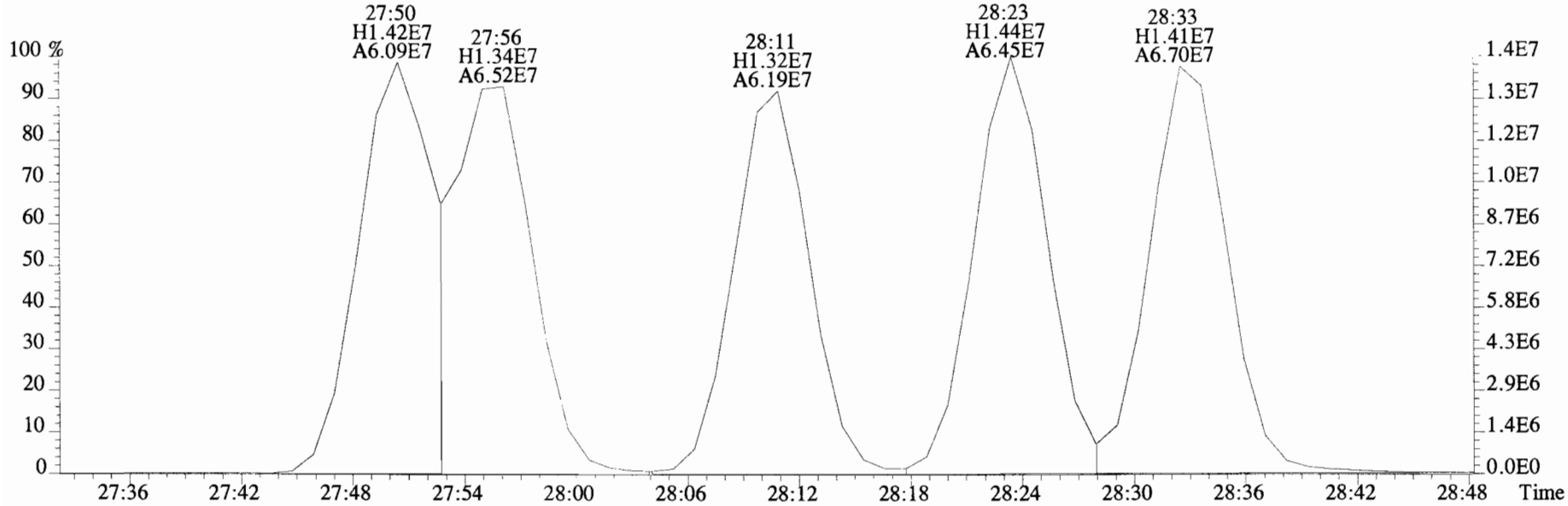
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83700.0,0.00%,F,F)



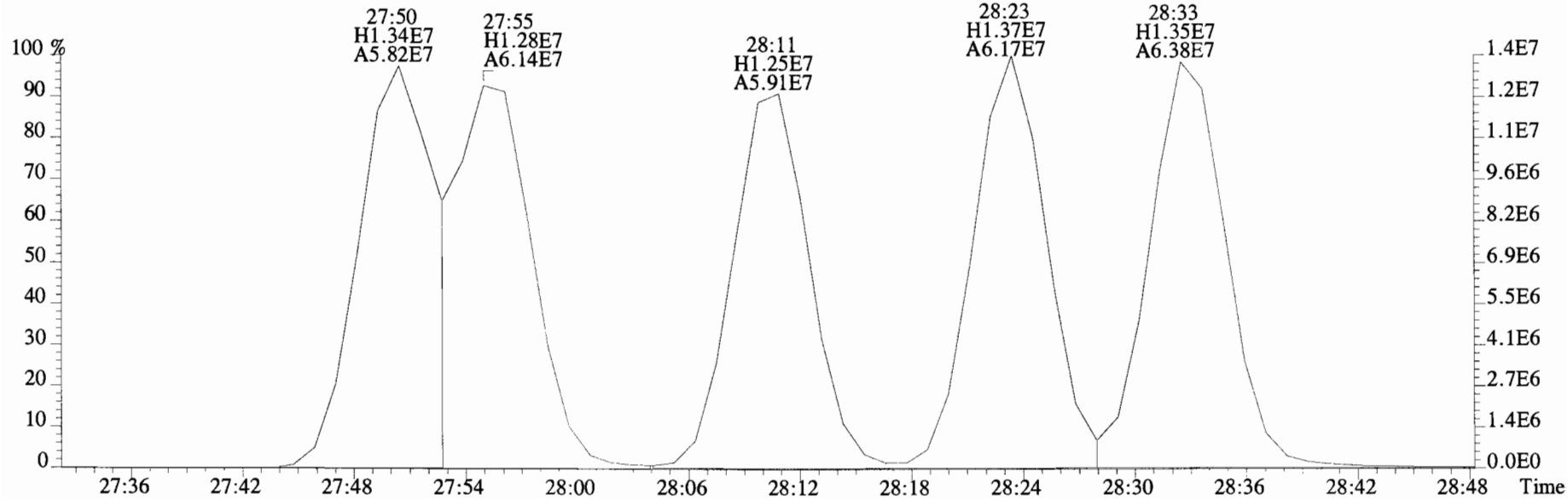
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,82948.0,0.00%,F,F)



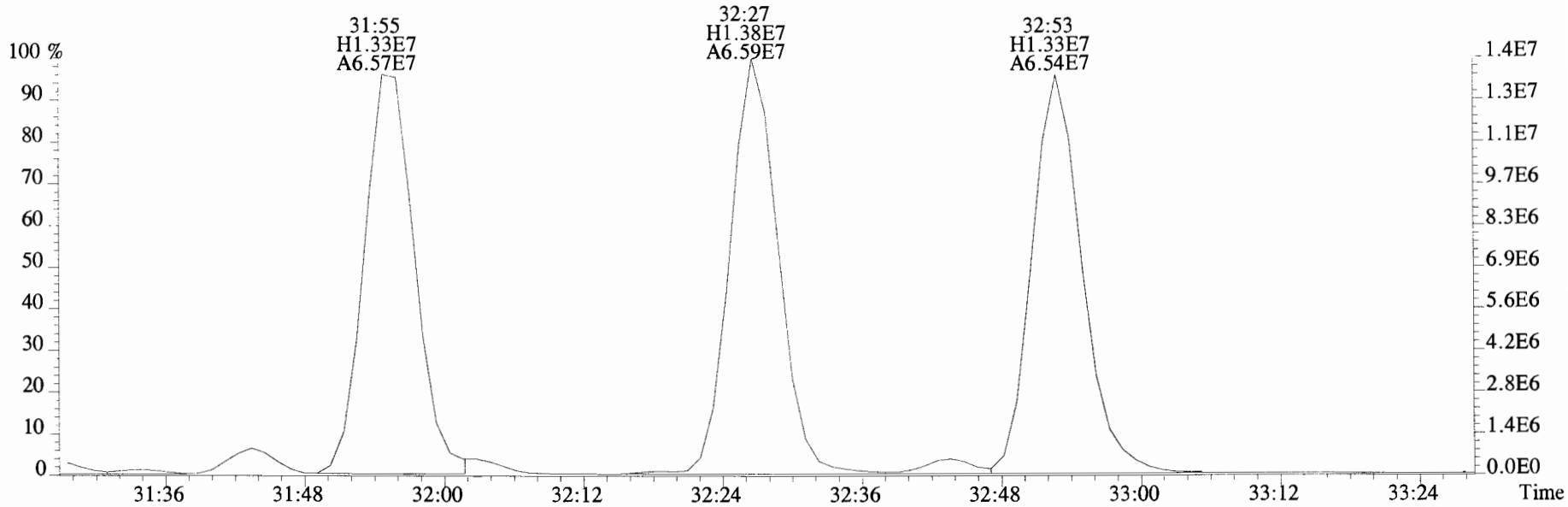
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50372.0,0.00%,F,F)



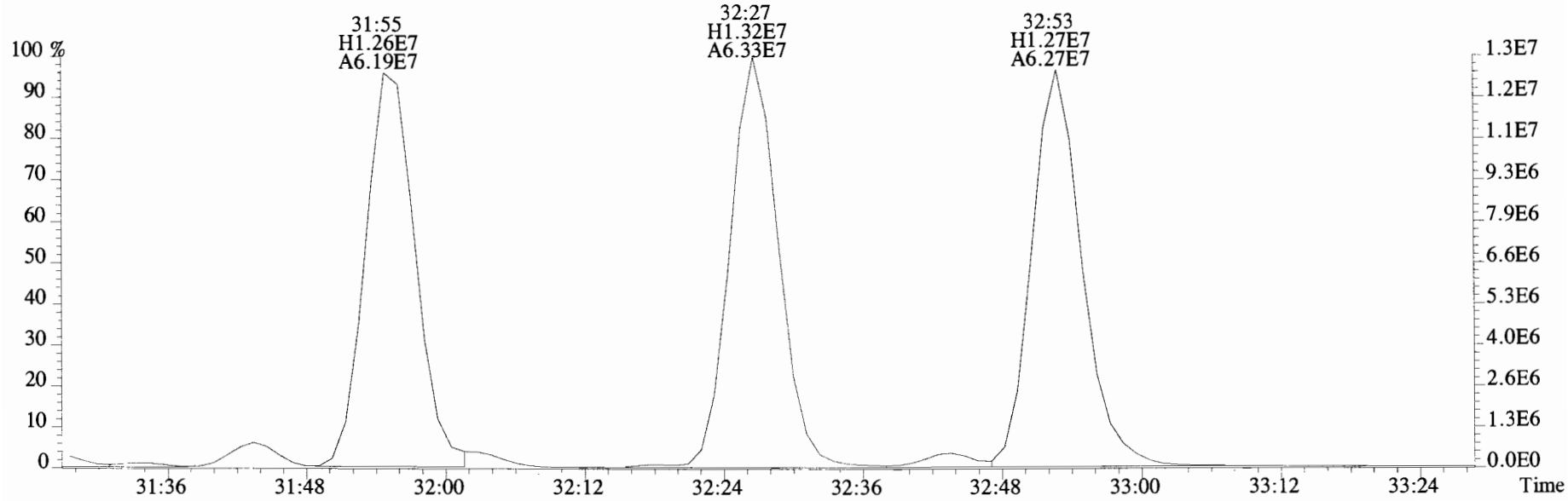
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41460.0,0.00%,F,F)



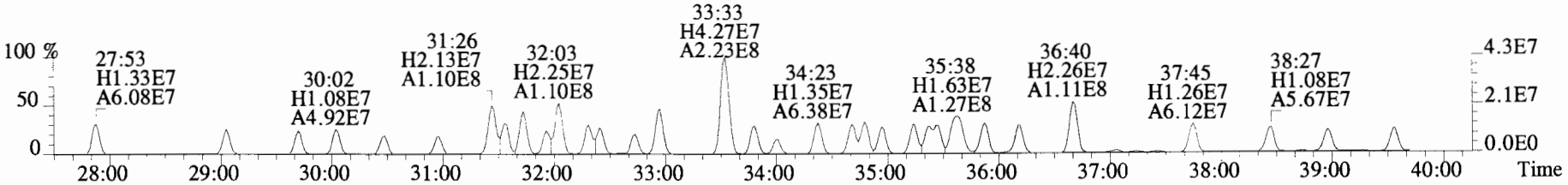
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50372.0,0.00%,F,F)



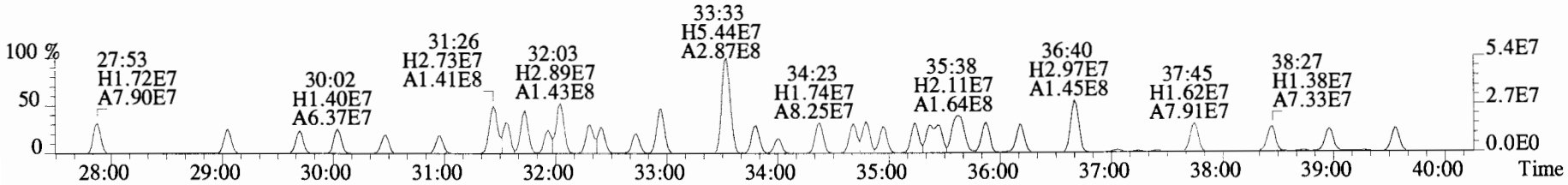
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41460.0,0.00%,F,F)



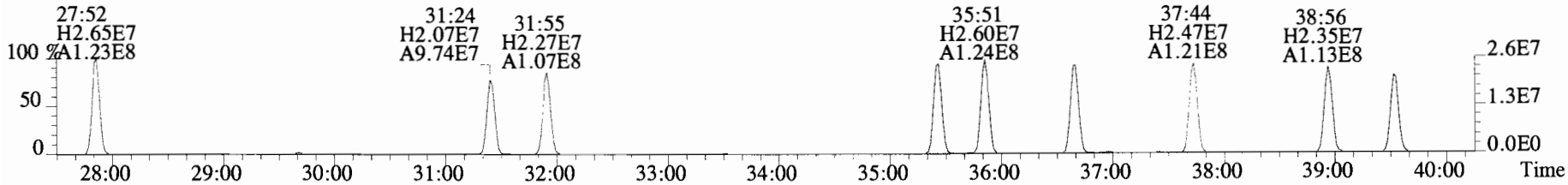
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21168.0,0.00%,F,F)



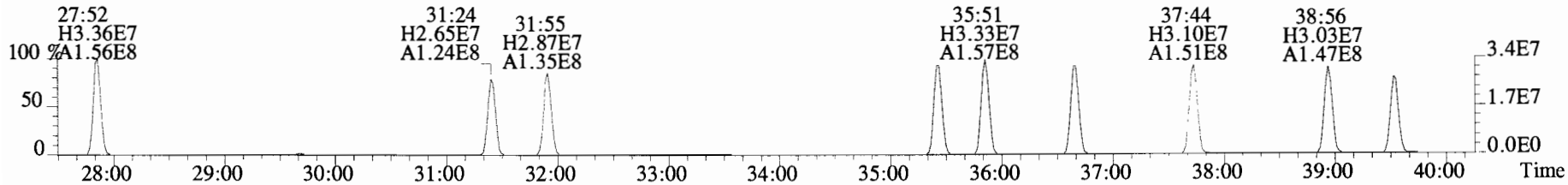
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46444.0,0.00%,F,F)



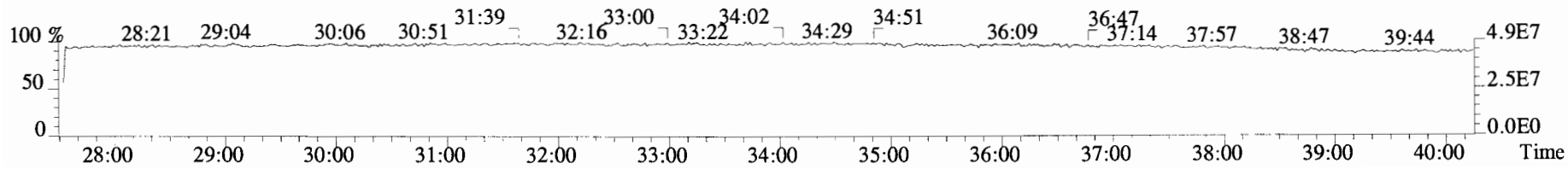
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25636.0,0.00%,F,F)



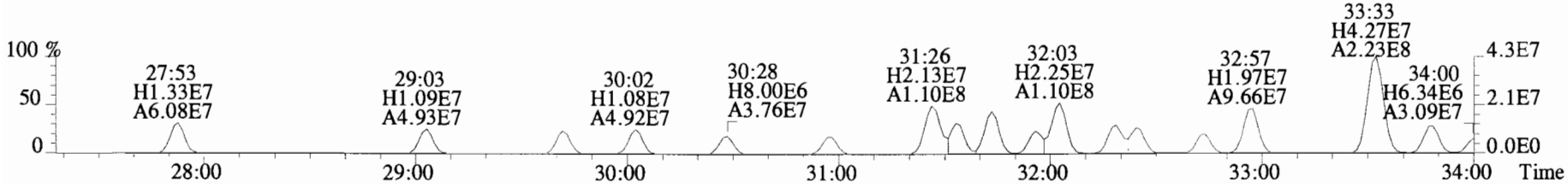
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18120.0,0.00%,F,F)



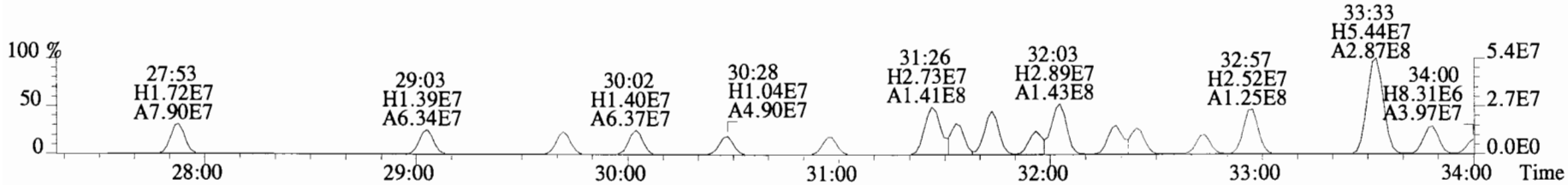
330.9792 F:3



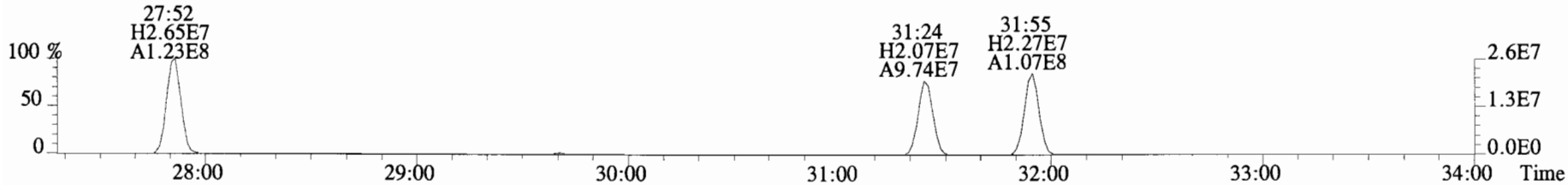
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21168.0,0.00%,F,F)



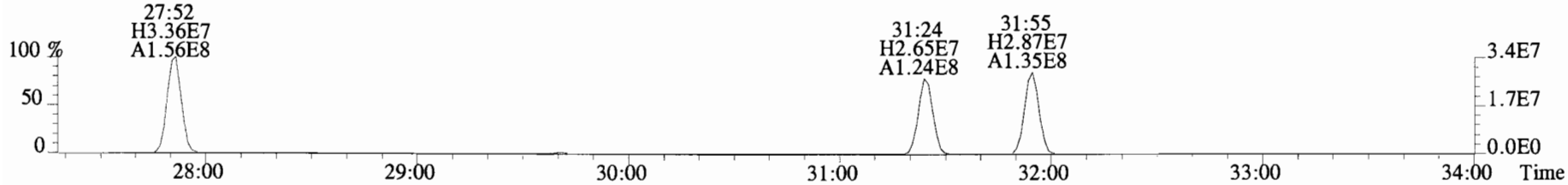
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46444.0,0.00%,F,F)



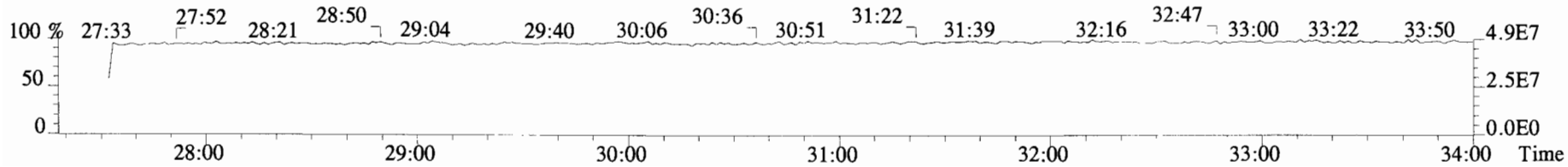
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25636.0,0.00%,F,F)



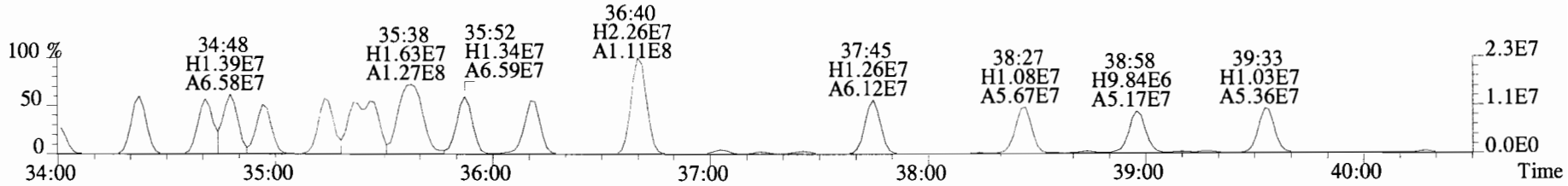
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18120.0,0.00%,F,F)



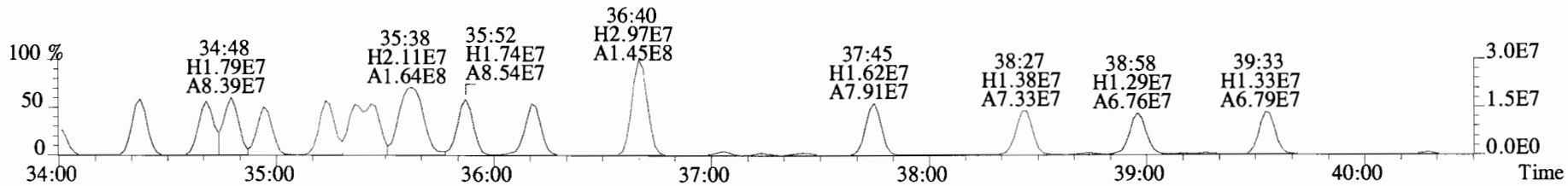
330.9792 F:3



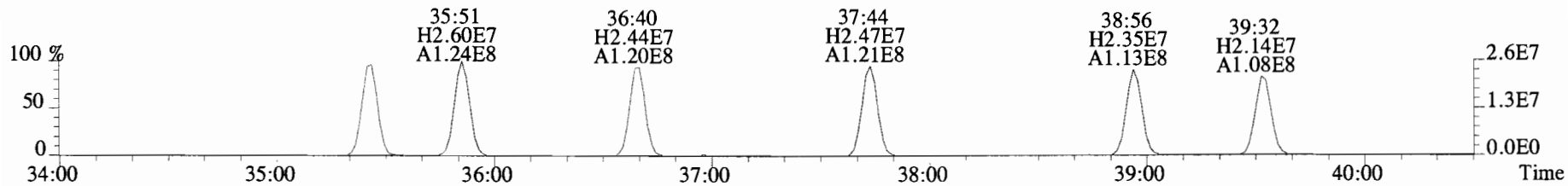
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21168.0,0.00%,F,F)



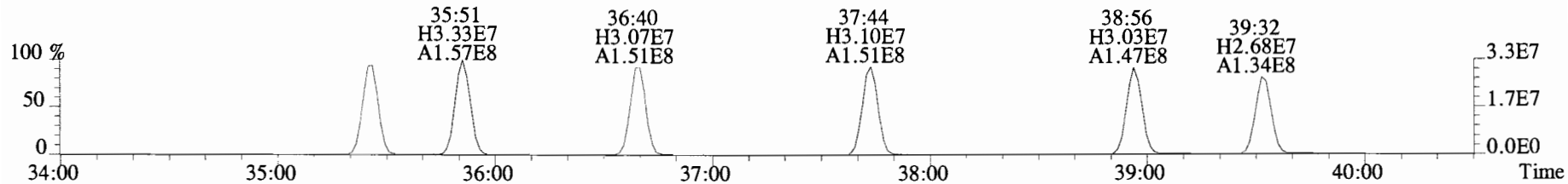
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46444.0,0.00%,F,F)



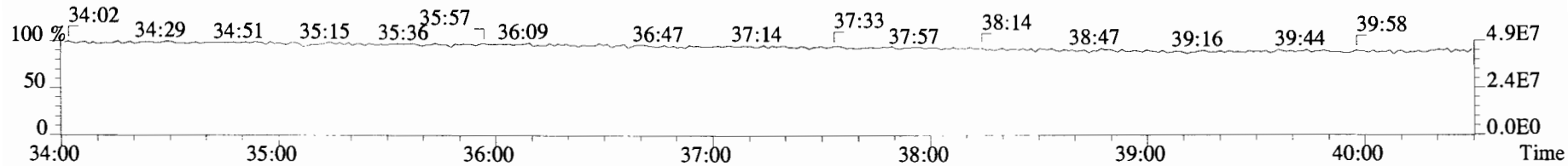
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25636.0,0.00%,F,F)



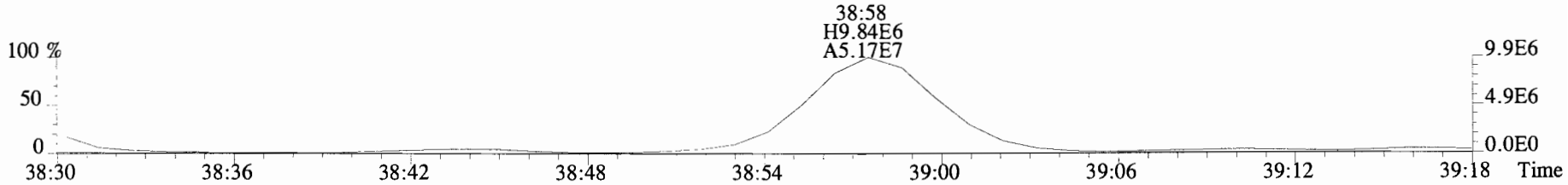
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18120.0,0.00%,F,F)



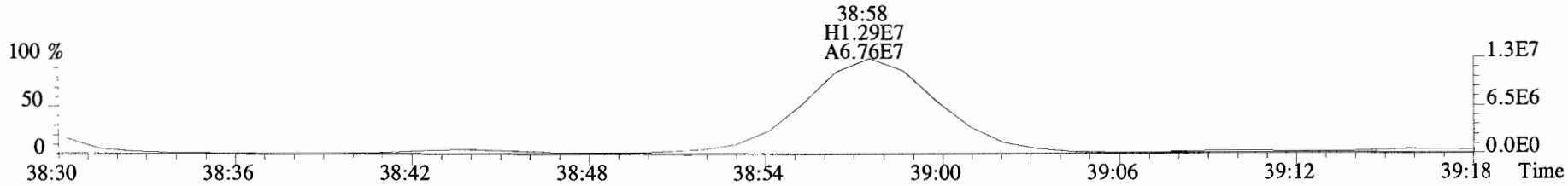
330.9792 F:3



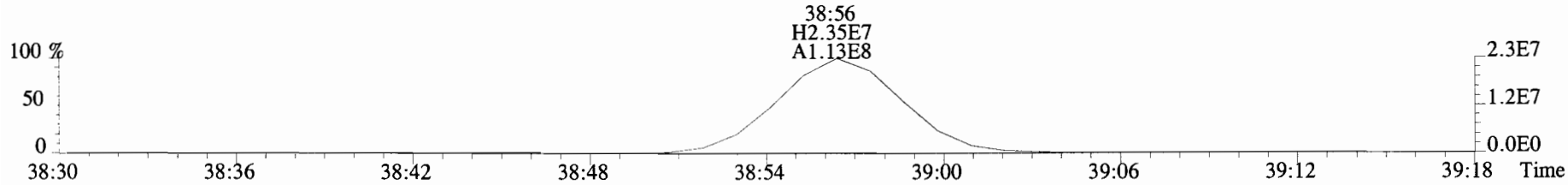
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21168.0,0.00%,F,F)



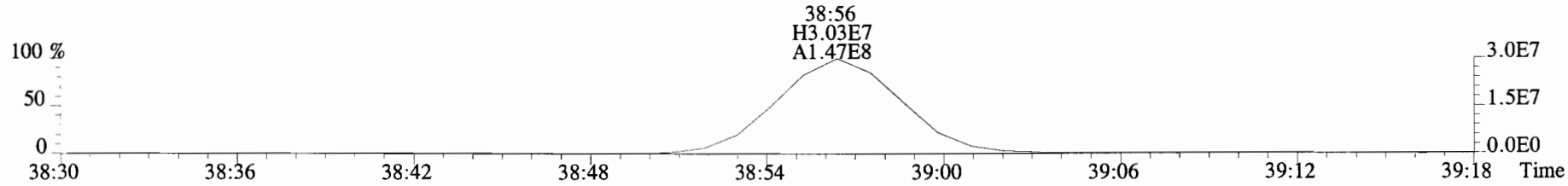
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46444.0,0.00%,F,F)



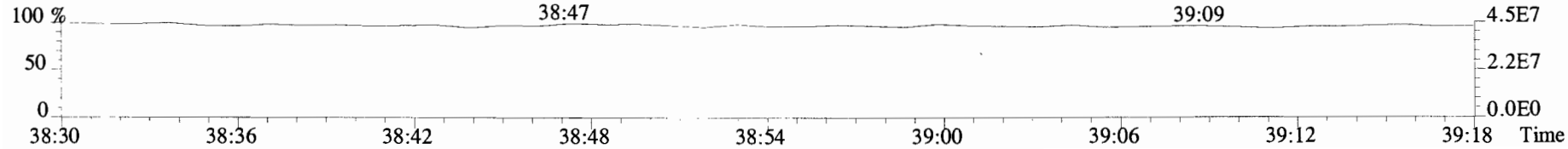
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25636.0,0.00%,F,F)



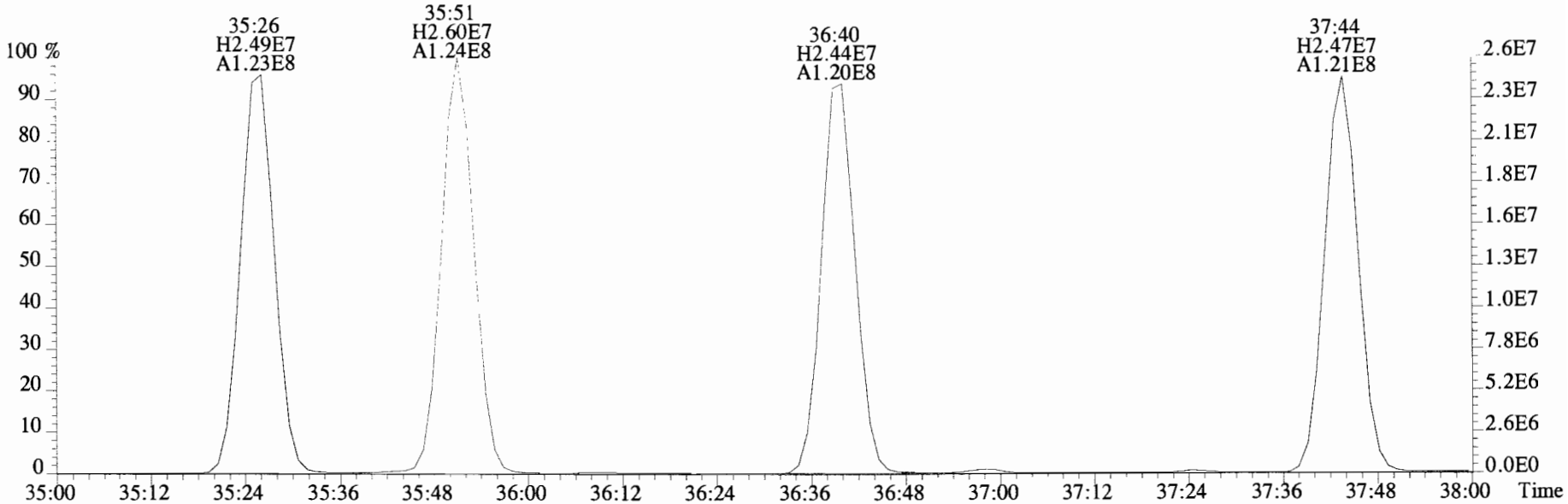
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18120.0,0.00%,F,F)



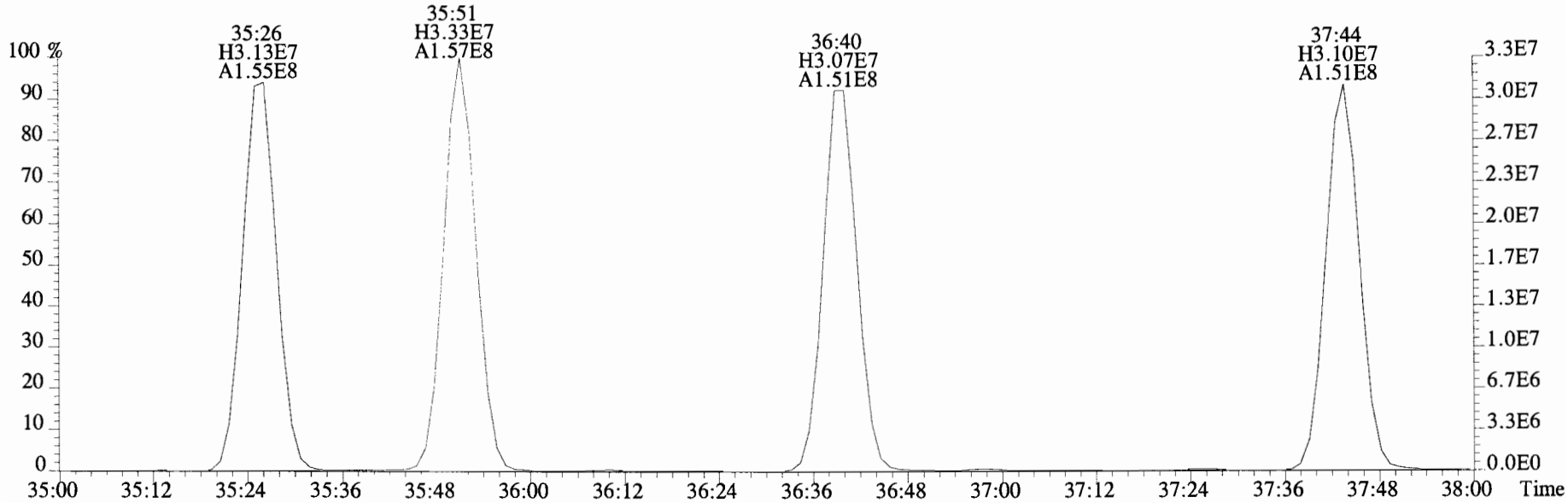
330.9792 F:3



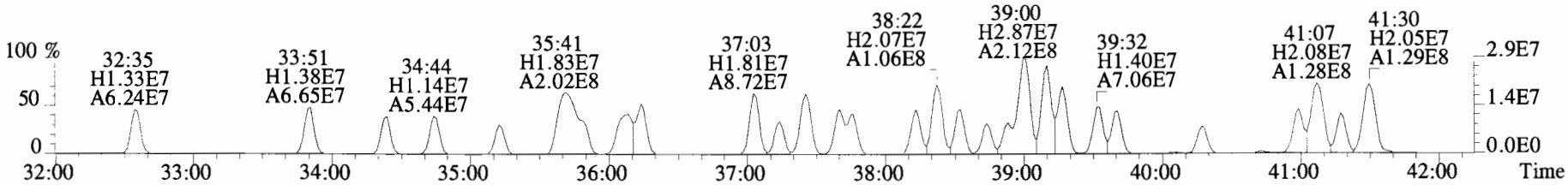
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25636.0,0.00%,F,F)



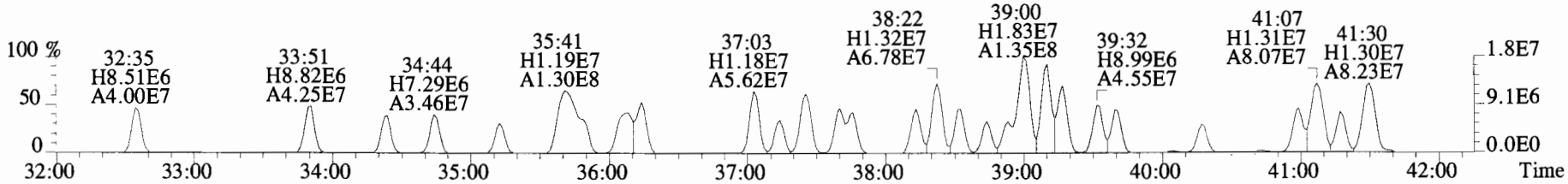
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18120.0,0.00%,F,F)



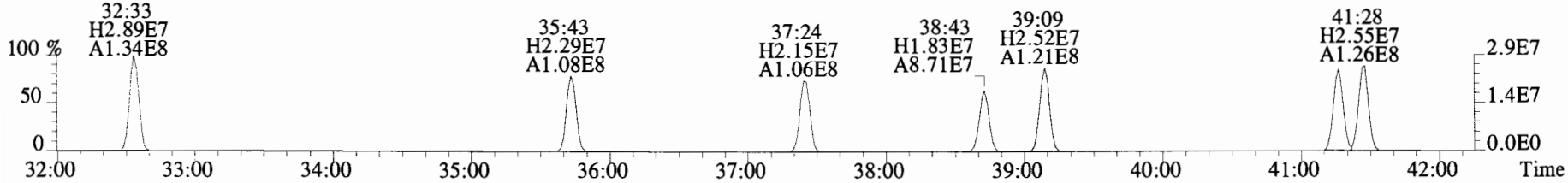
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



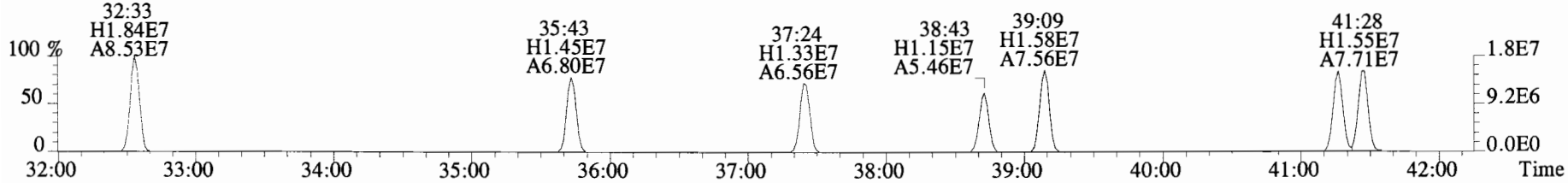
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



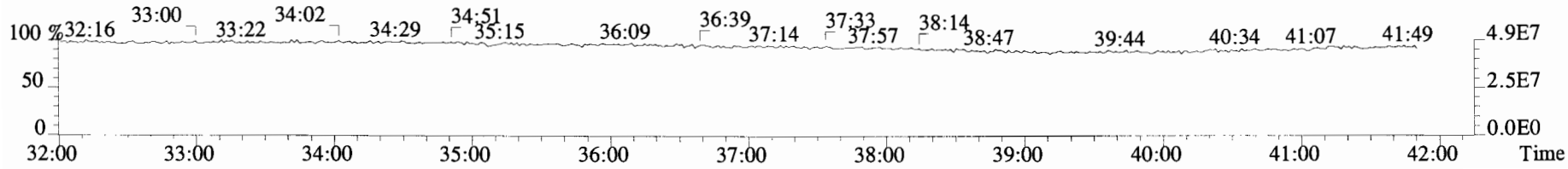
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3864.0,0.00%,F,F)



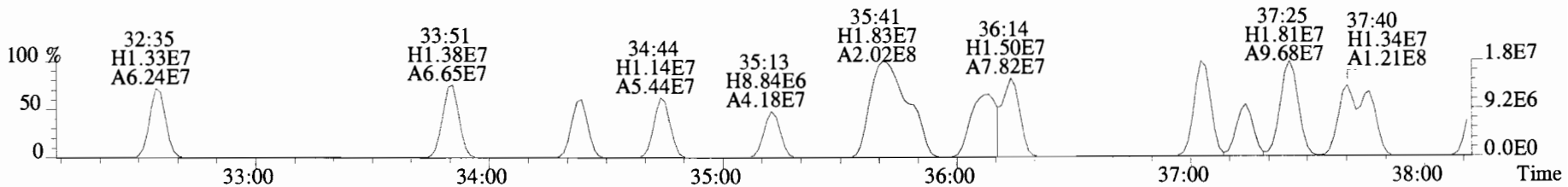
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



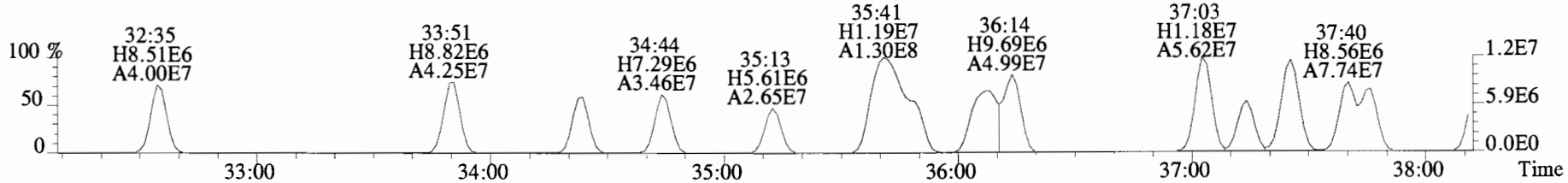
330.9792 F:3



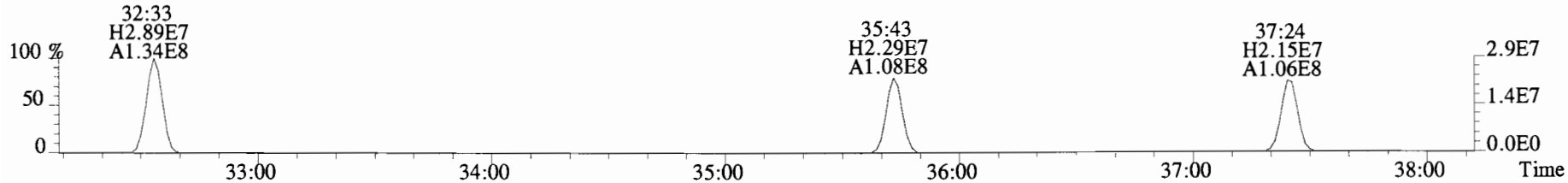
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



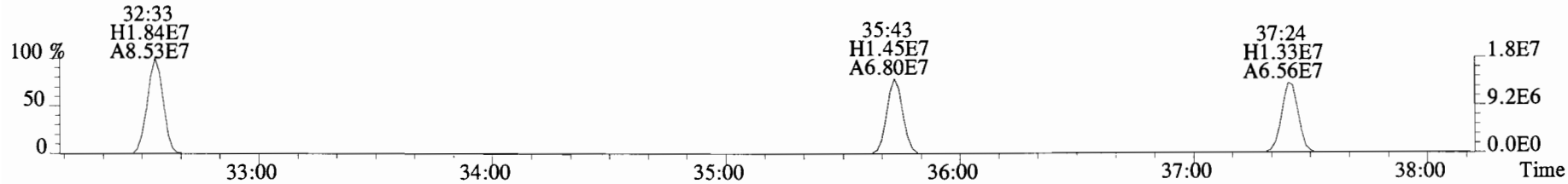
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



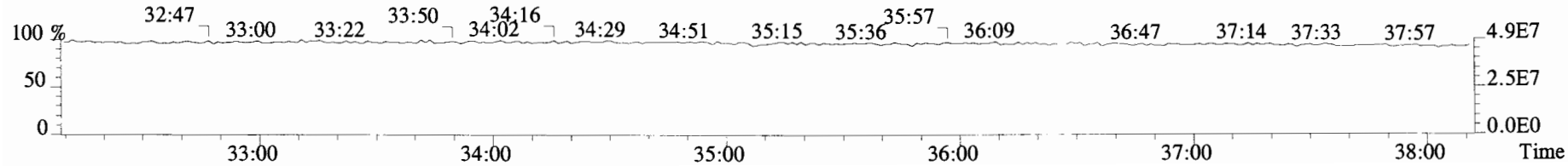
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3864.0,0.00%,F,F)



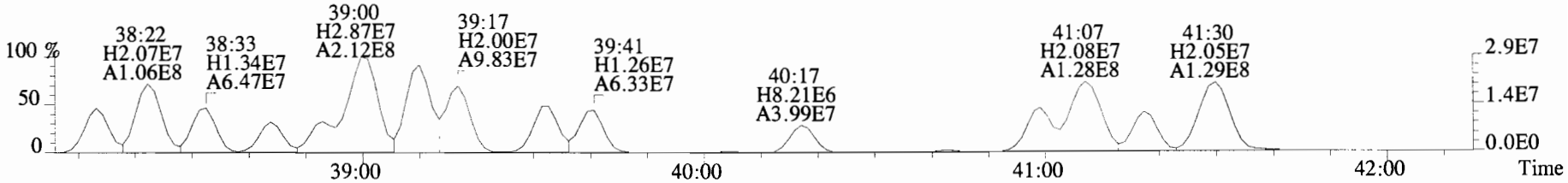
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



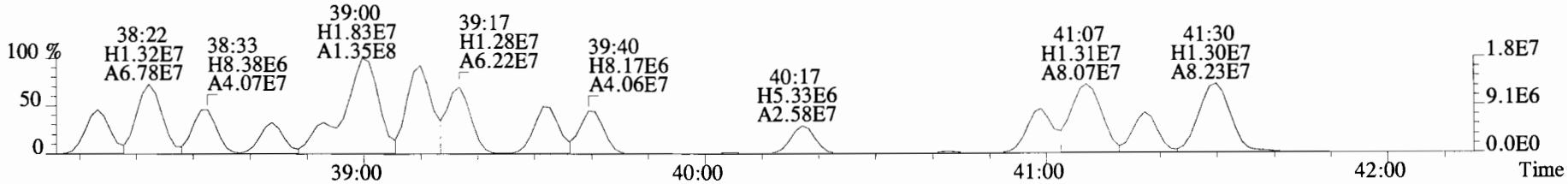
330.9792 F:3



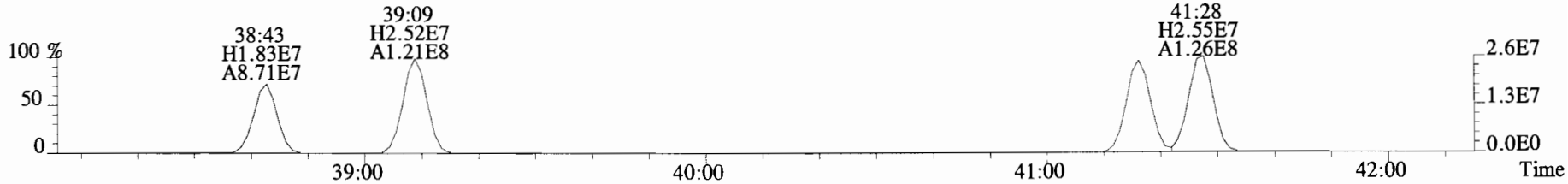
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



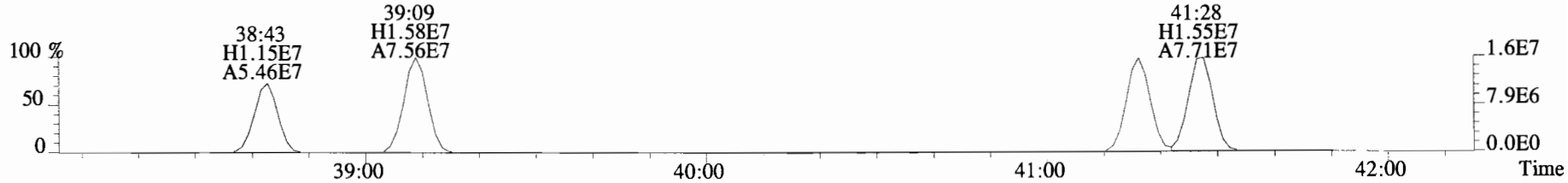
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



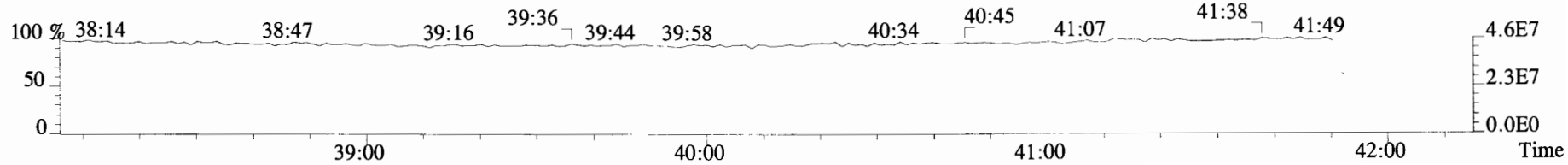
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3864.0,0.00%,F,F)



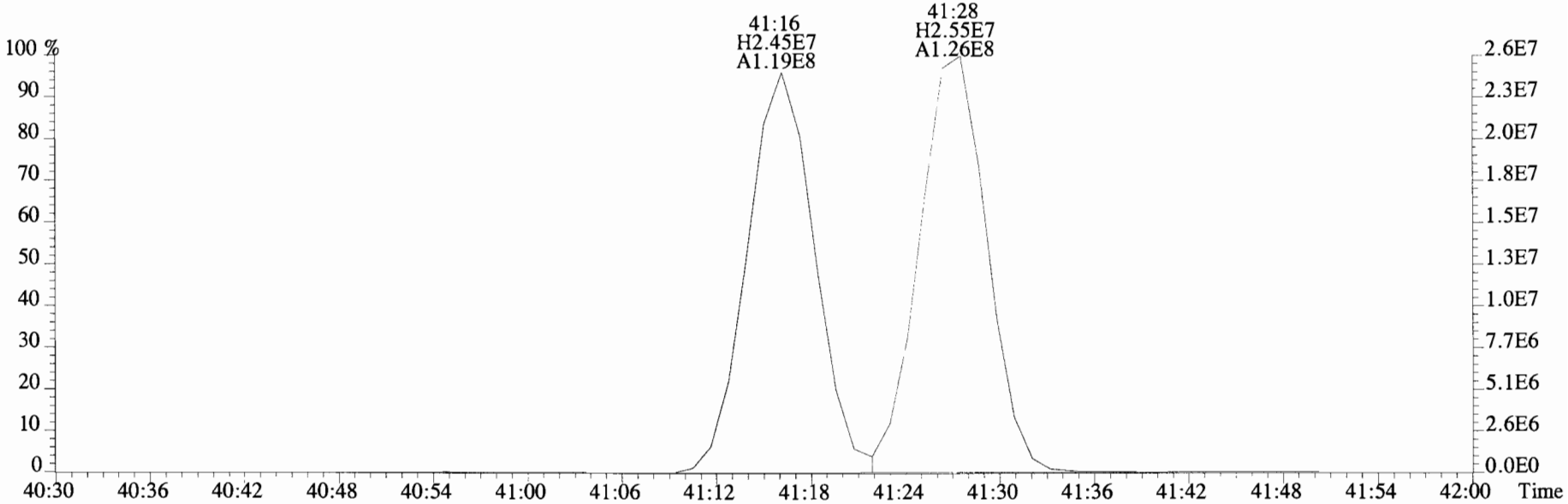
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



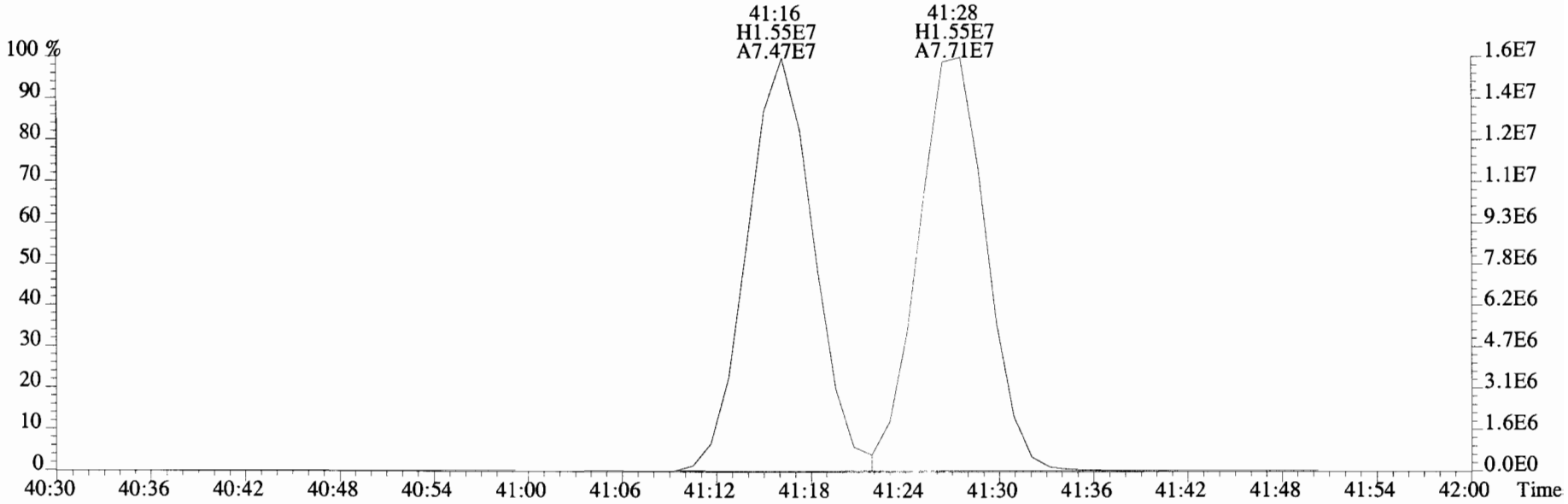
330.9792 F:3



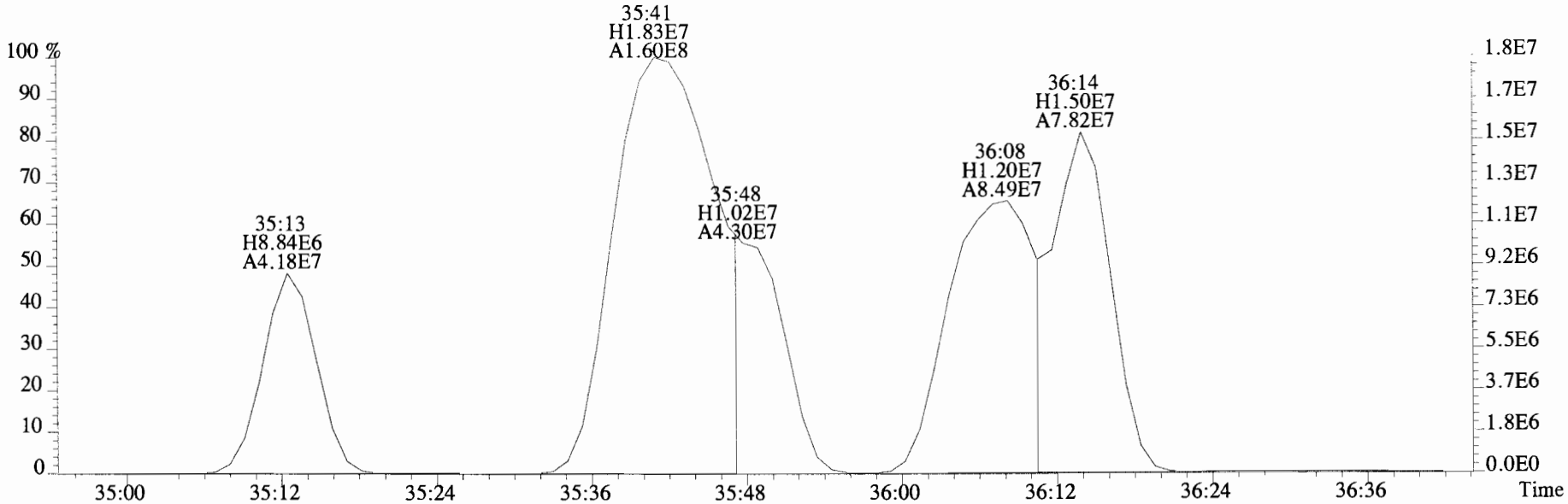
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3864.0,0.00%,F,F)



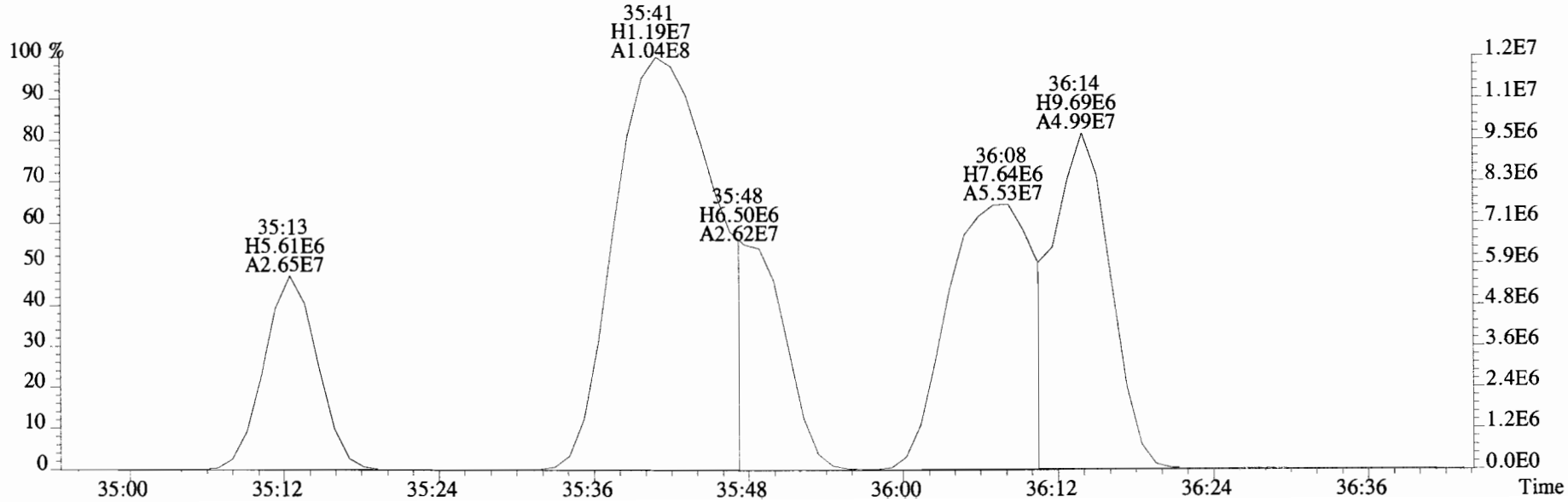
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



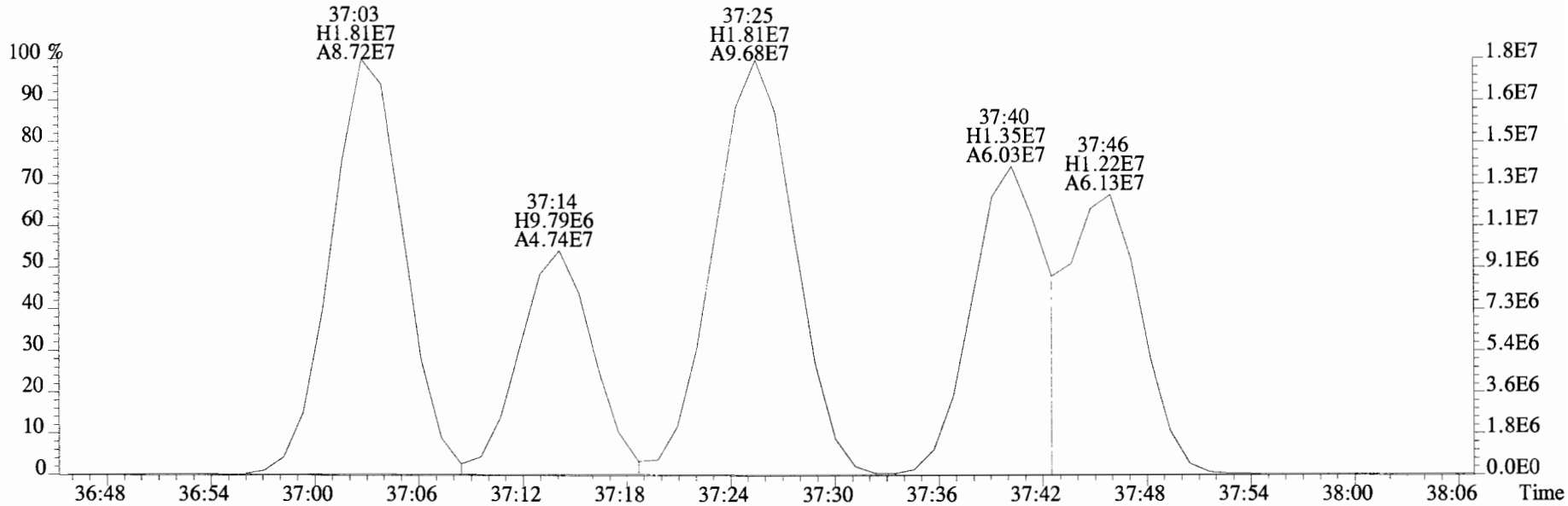
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



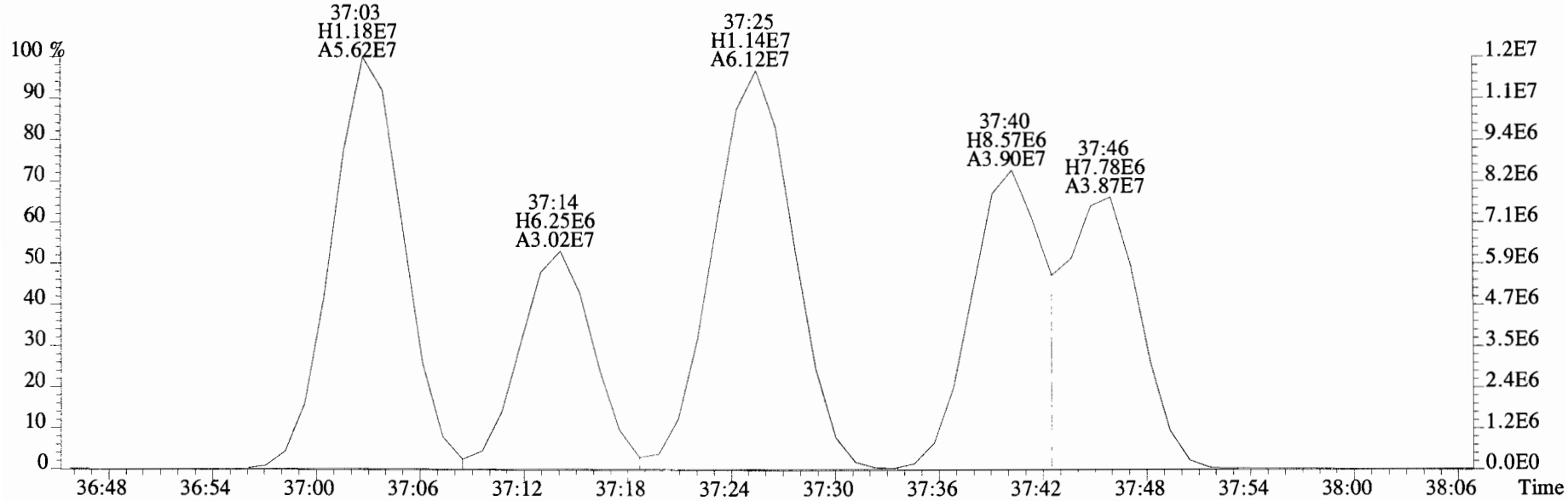
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



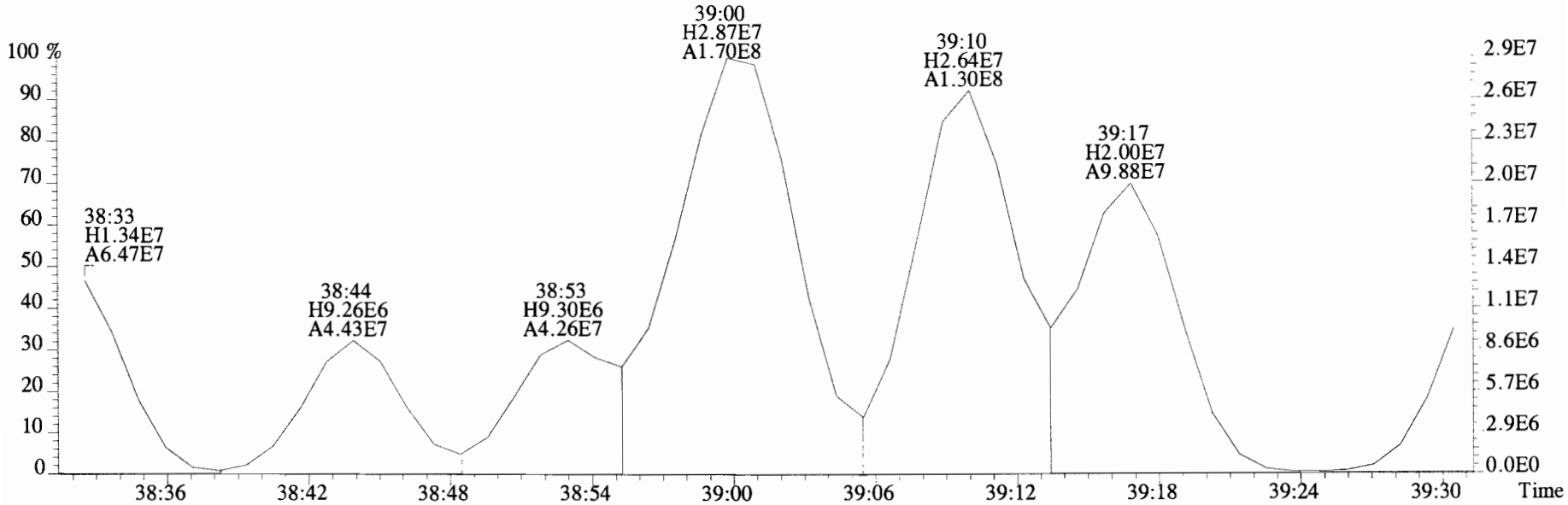
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



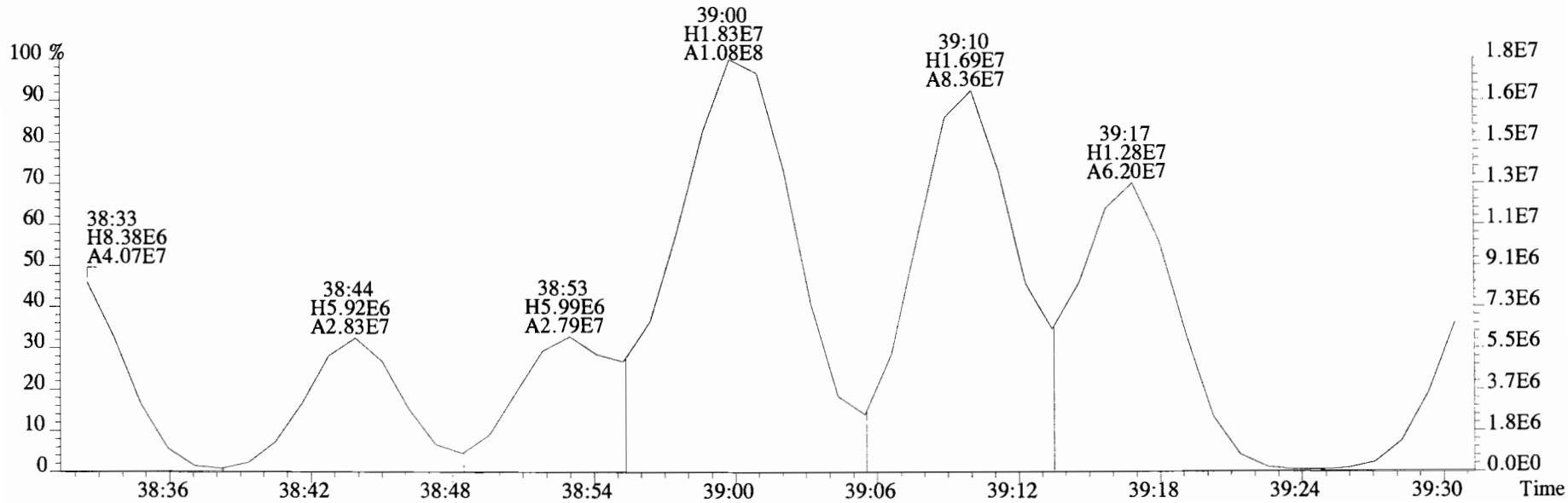
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



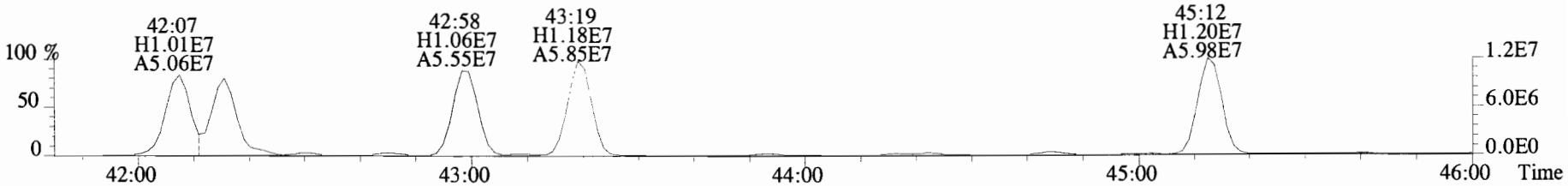
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



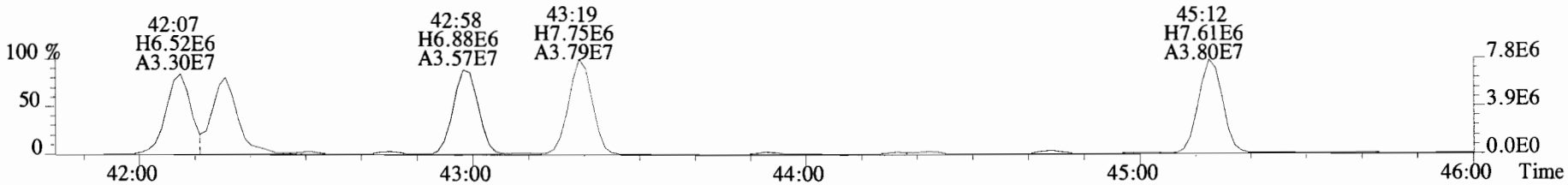
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



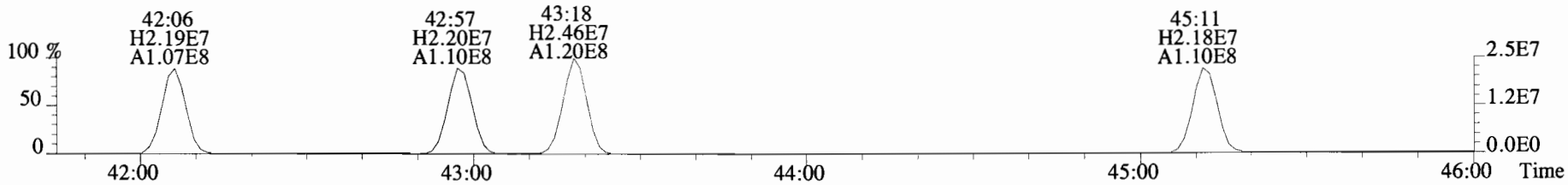
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8500.0,0.00%,F,F)



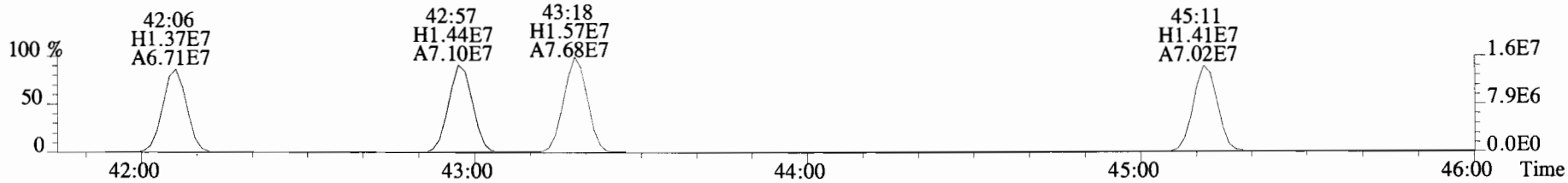
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5204.0,0.00%,F,F)



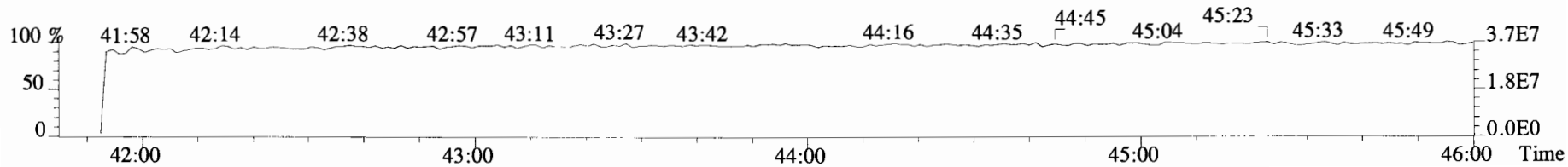
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8832.0,0.00%,F,F)



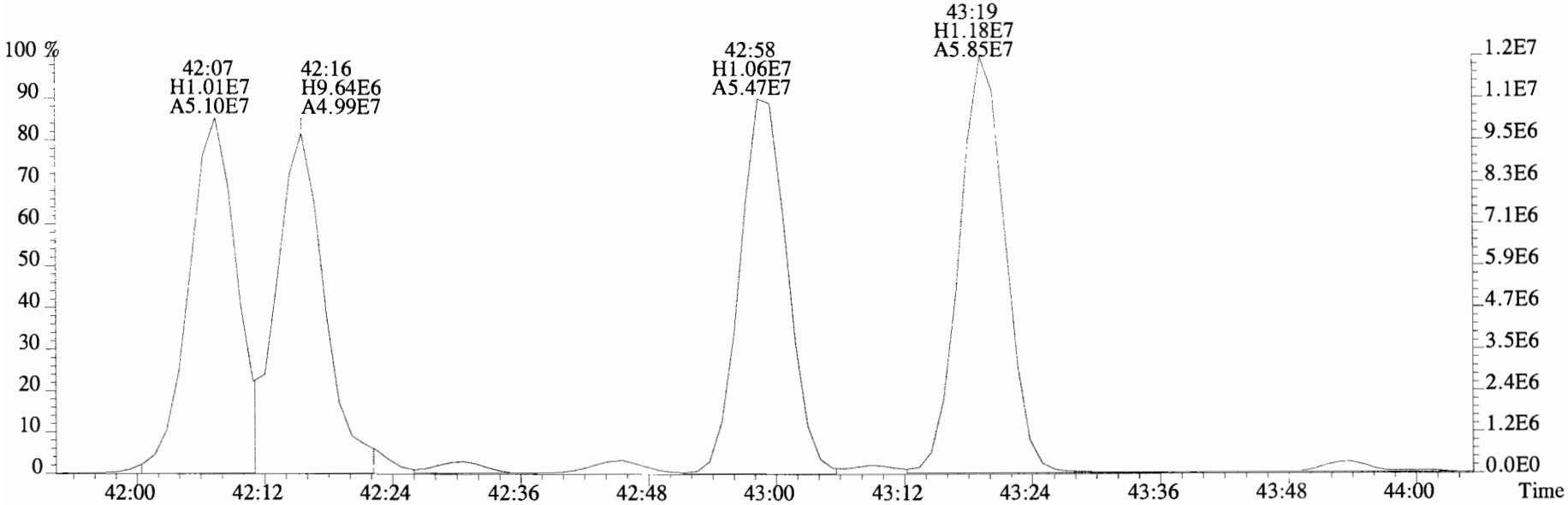
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7696.0,0.00%,F,F)



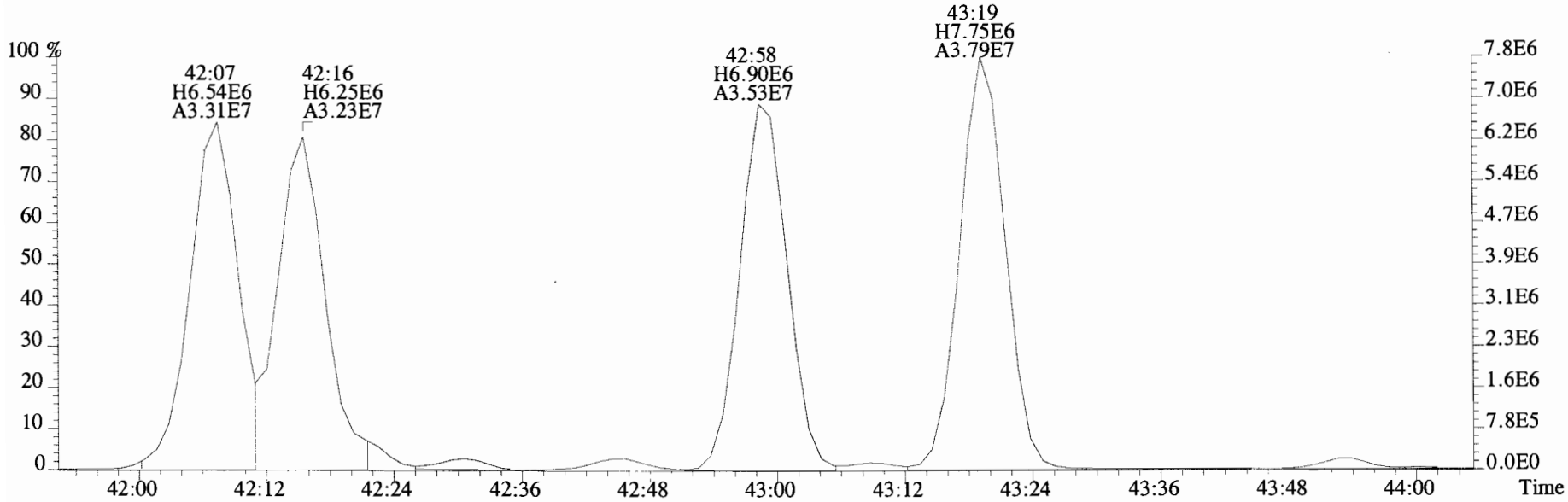
380.9760 F:4



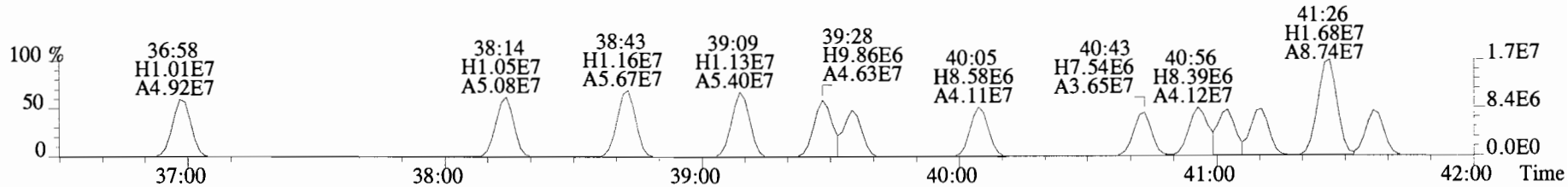
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8500.0,0.00%,F,F)



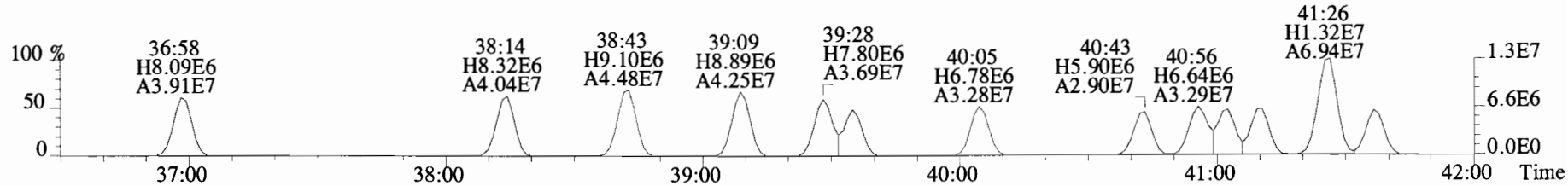
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5204.0,0.00%,F,F)



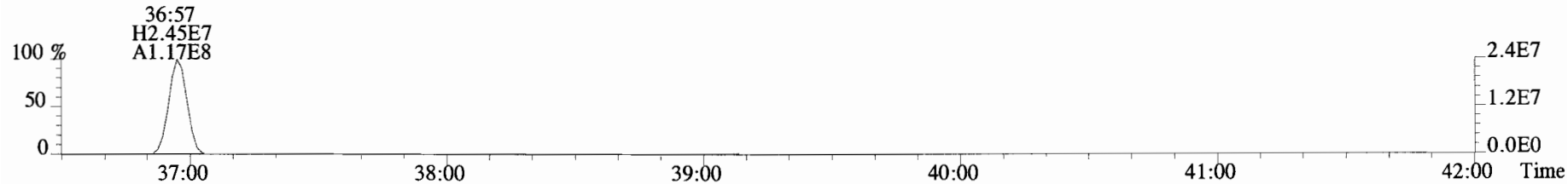
File:180409E3 #1-756 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1644.0,0.00%,F,F)



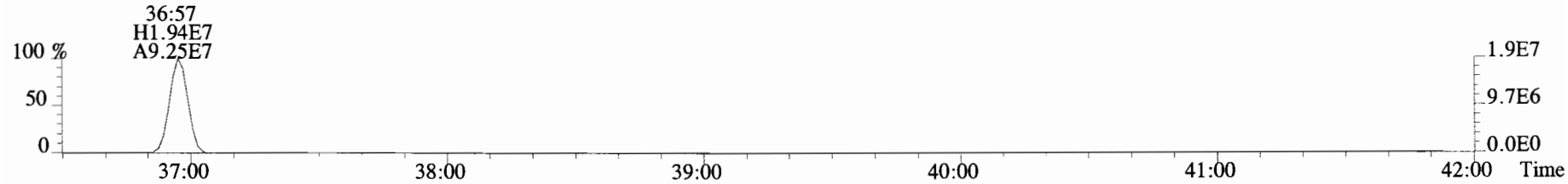
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1648.0,0.00%,F,F)



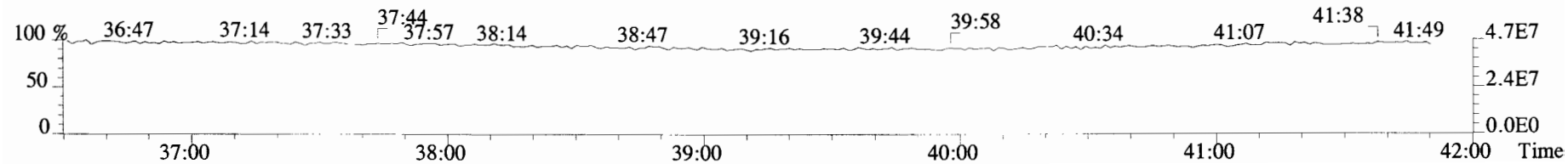
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2280.0,0.00%,F,F)



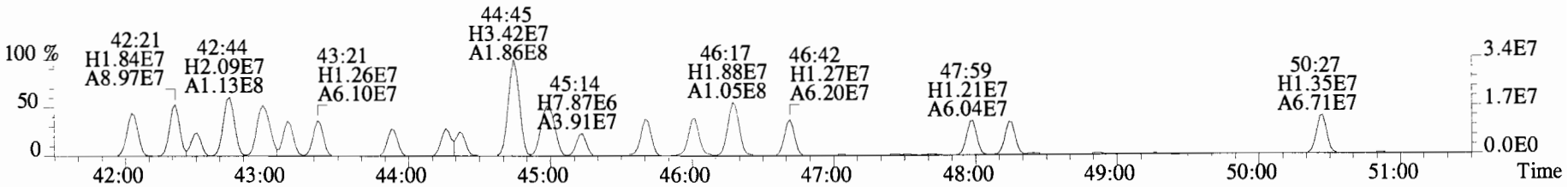
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



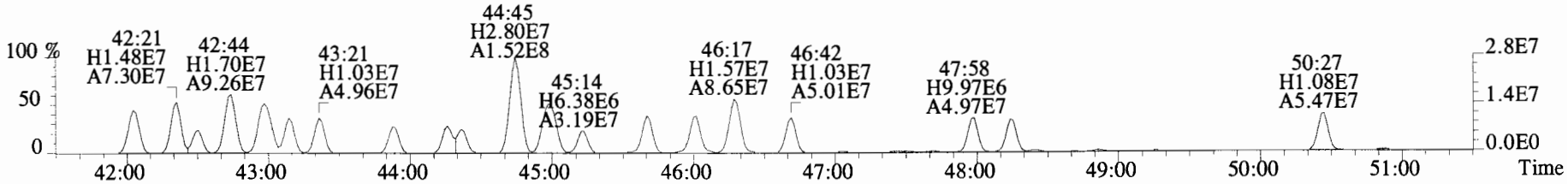
330.9792 F:3



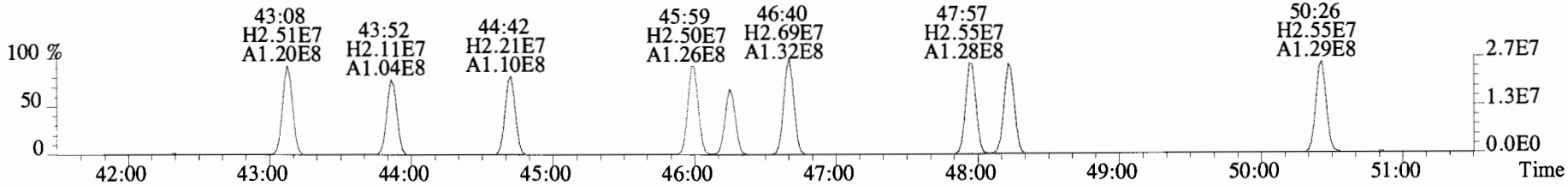
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29660.0,0.00%,F,F)



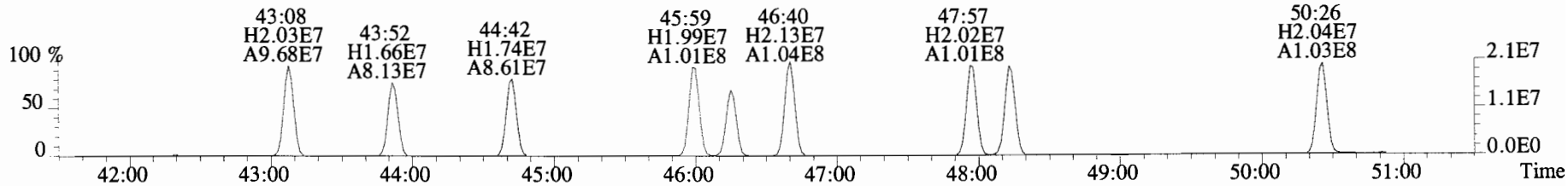
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43936.0,0.00%,F,F)



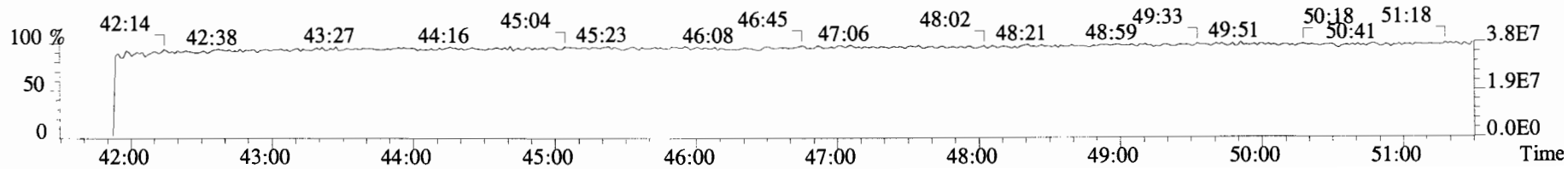
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20140.0,0.00%,F,F)



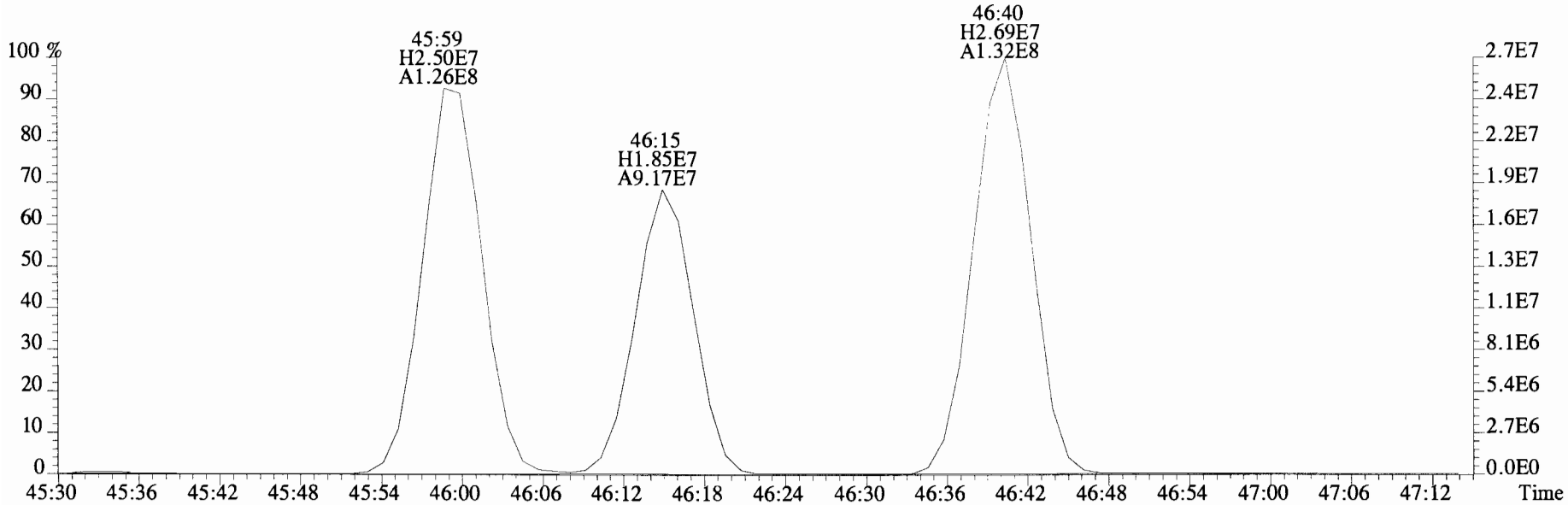
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14556.0,0.00%,F,F)



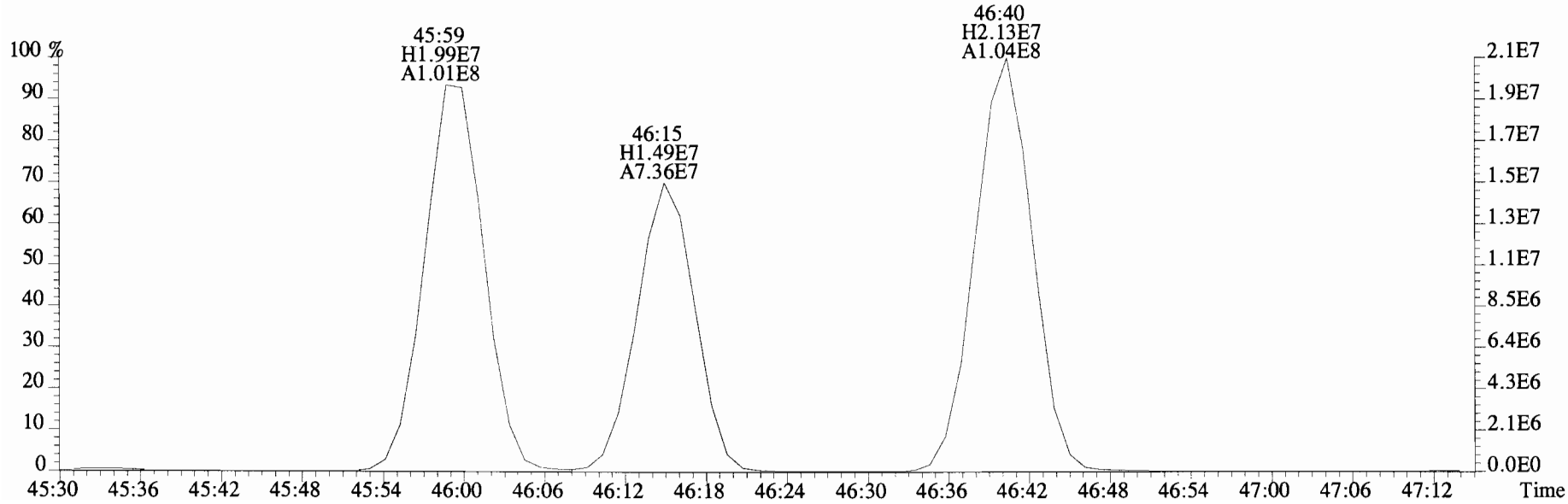
380.9760 F:4



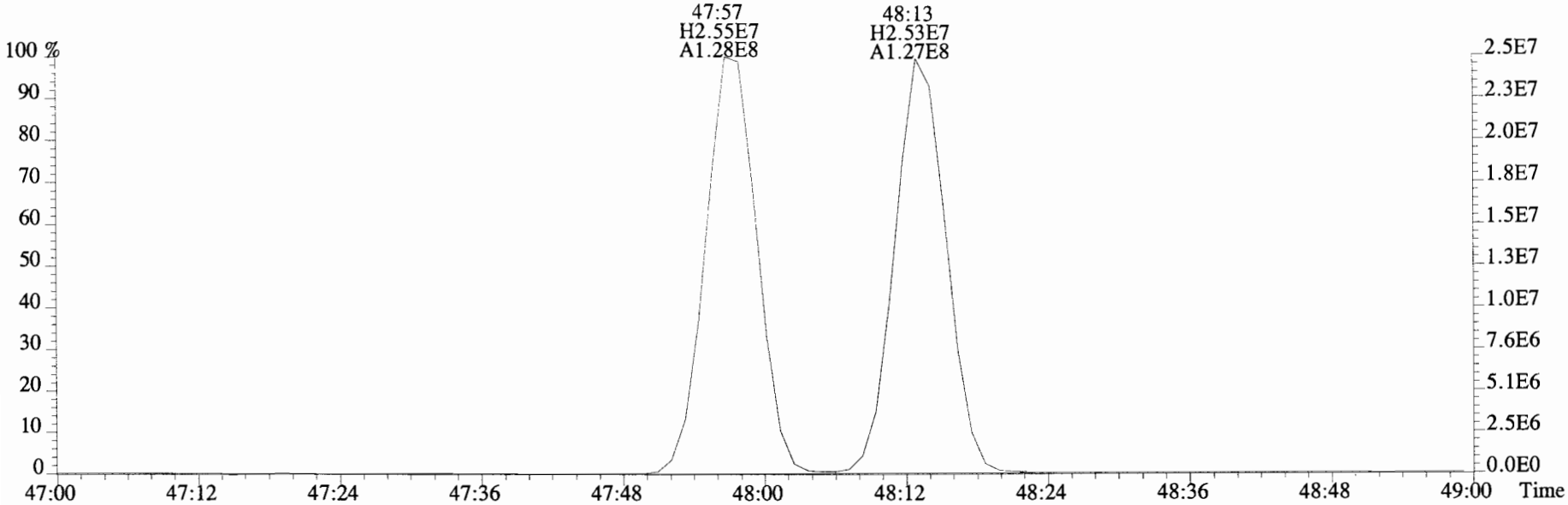
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20140.0,0.00%,F,F)



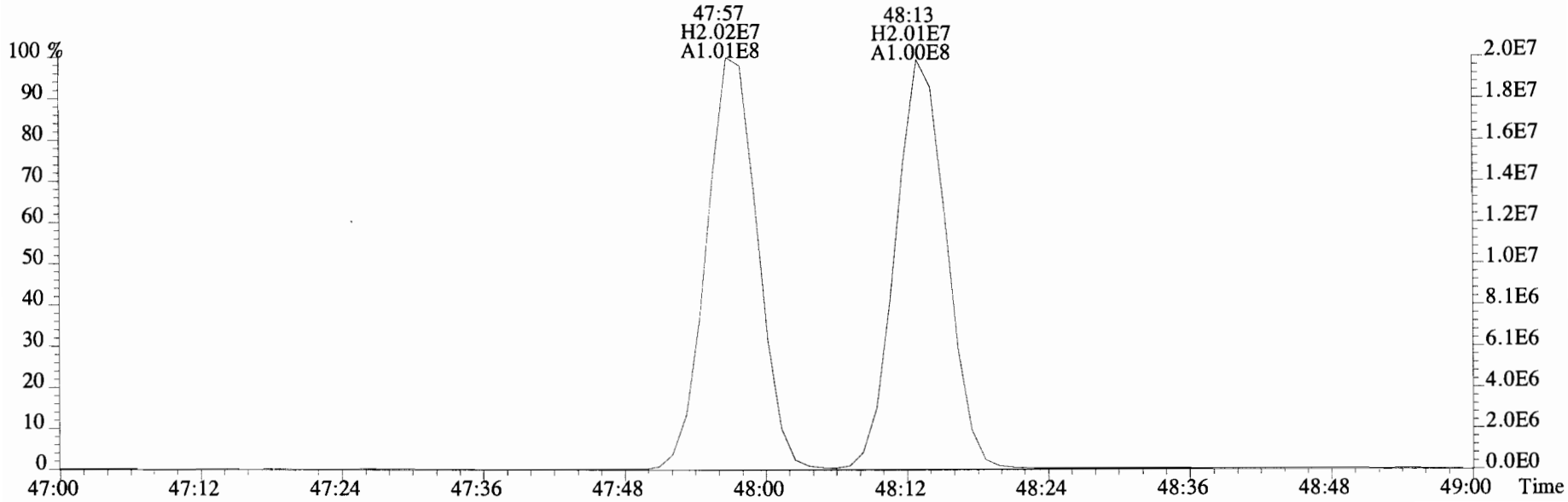
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14556.0,0.00%,F,F)



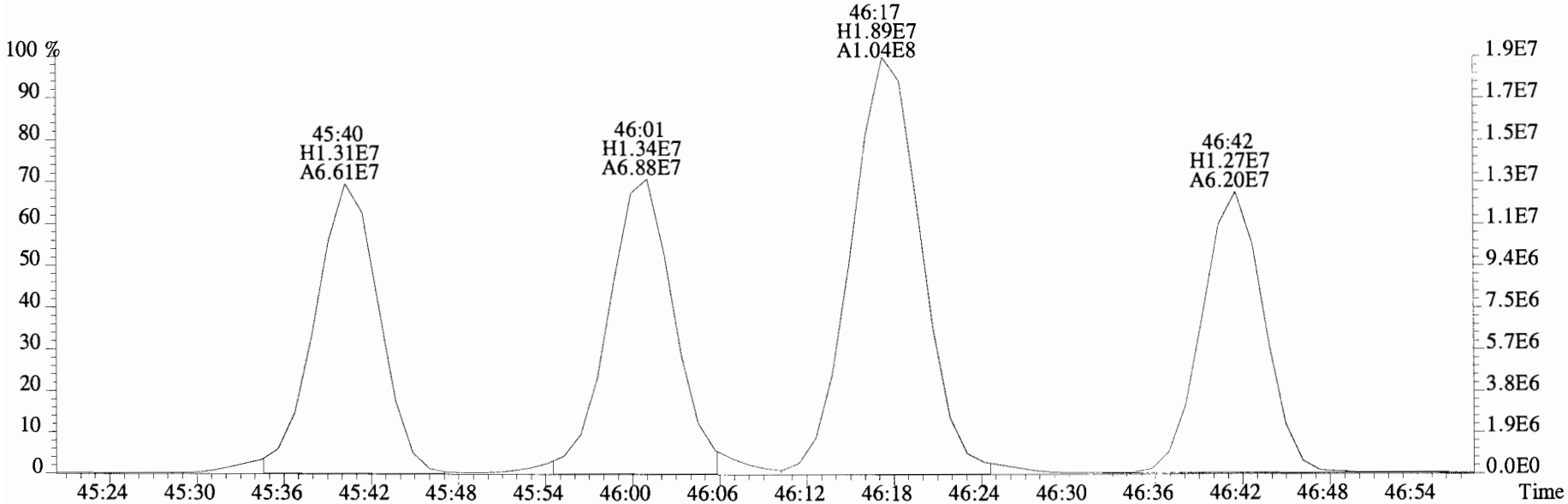
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20140.0,0.00%,F,F)



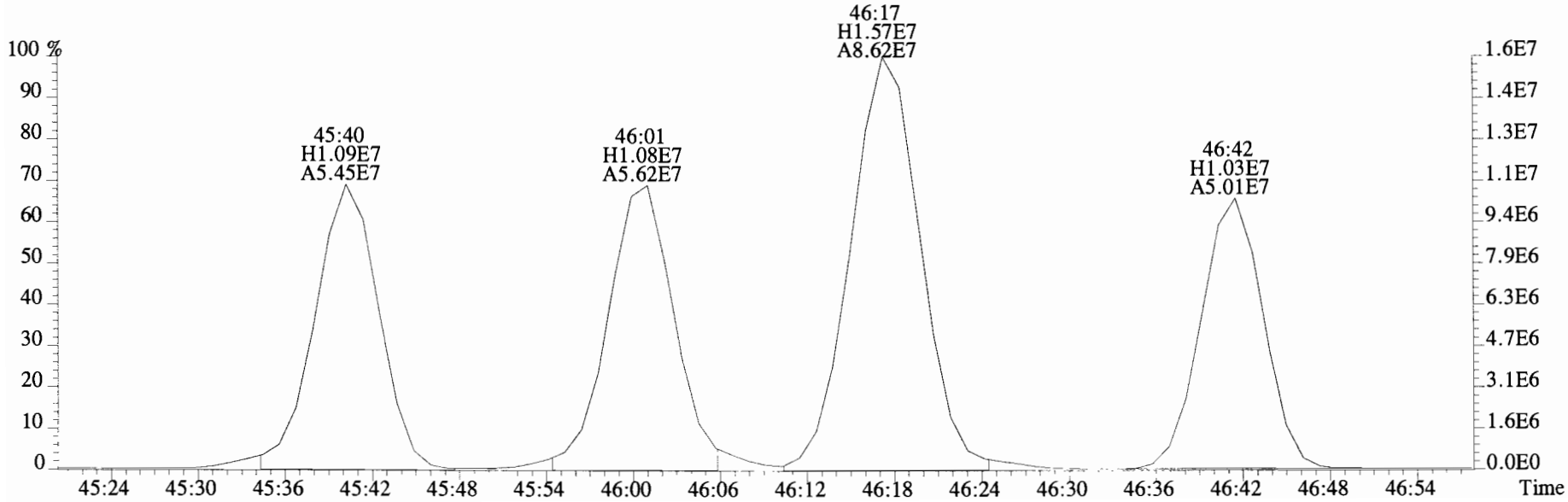
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14556.0,0.00%,F,F)



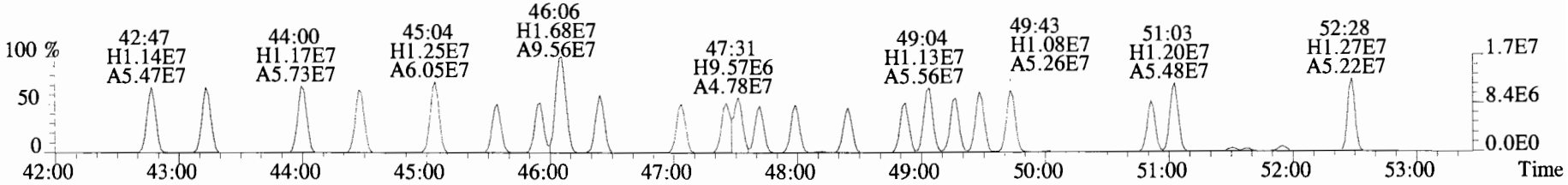
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29660.0,0.00%,F,F)



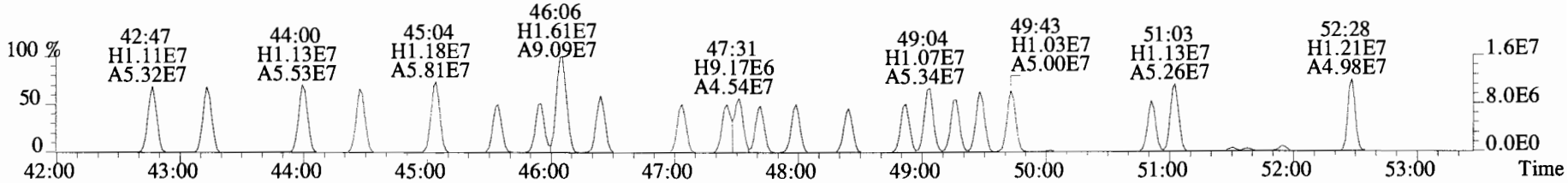
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43936.0,0.00%,F,F)



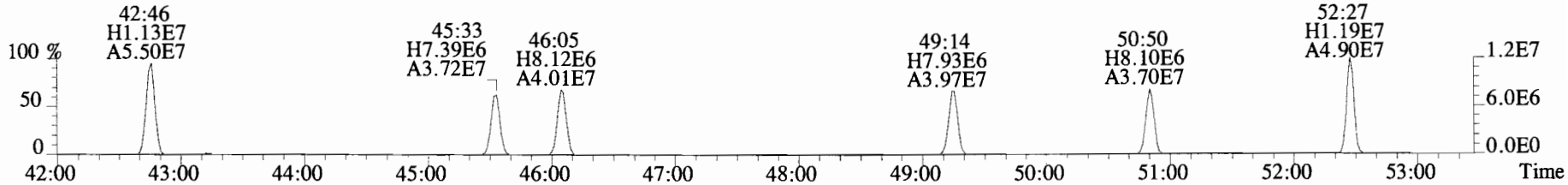
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18312.0,0.00%,F,F)



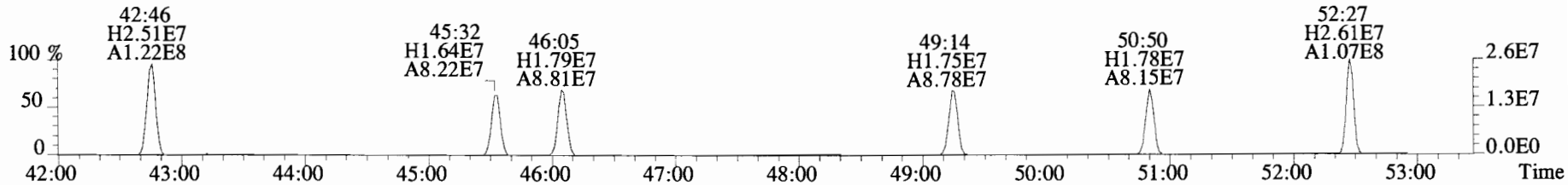
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23392.0,0.00%,F,F)



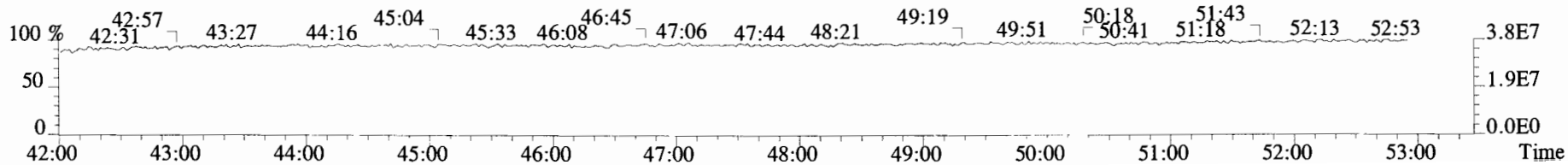
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4948.0,0.00%,F,F)



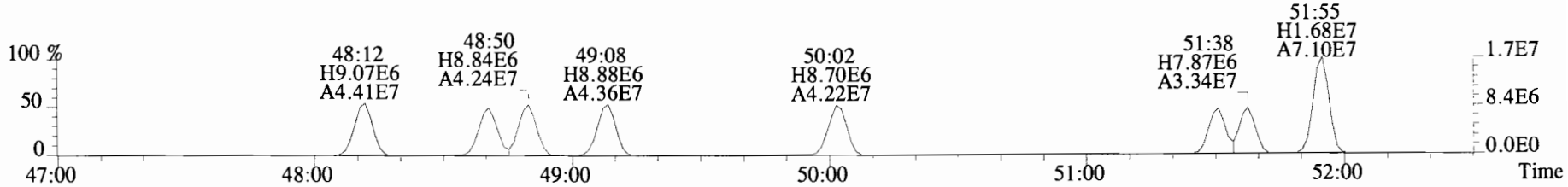
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11928.0,0.00%,F,F)



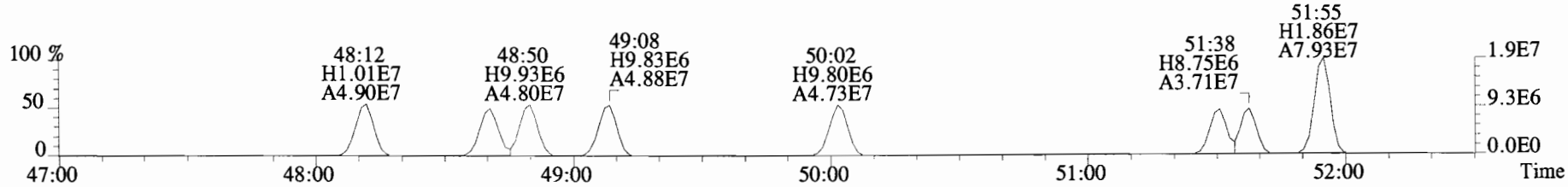
380.9760 F:4



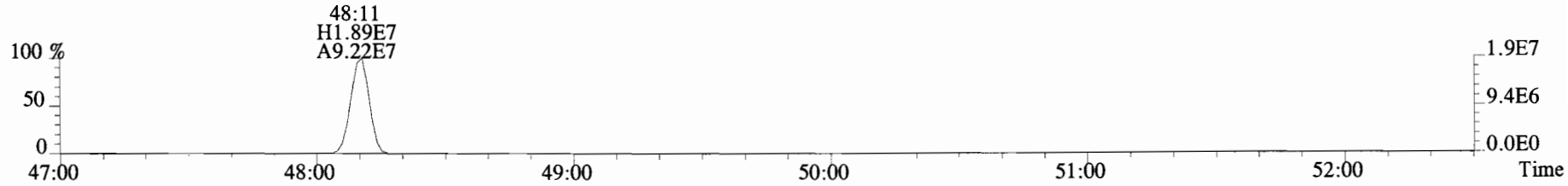
File:180409E3 #1-574 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



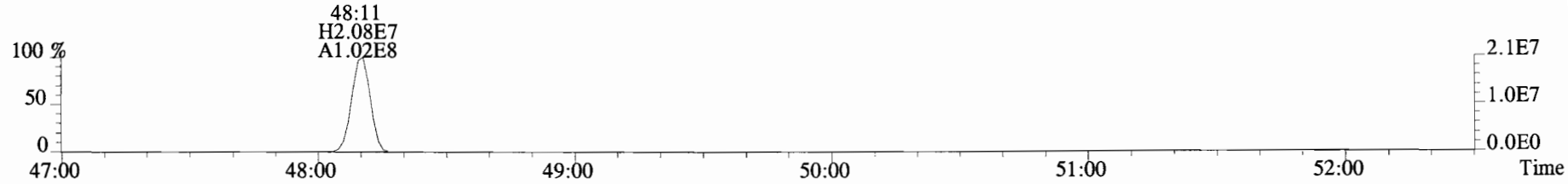
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1868.0,0.00%,F,F)



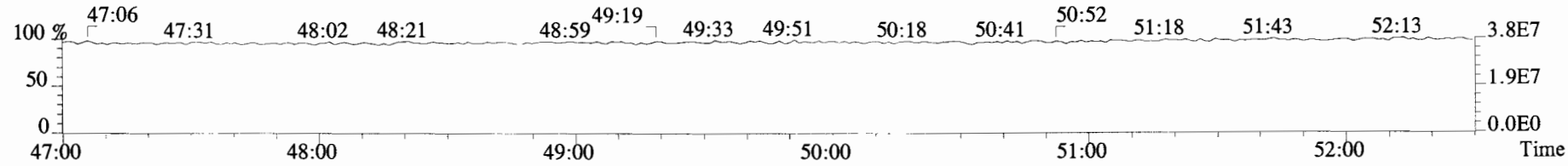
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1868.0,0.00%,F,F)



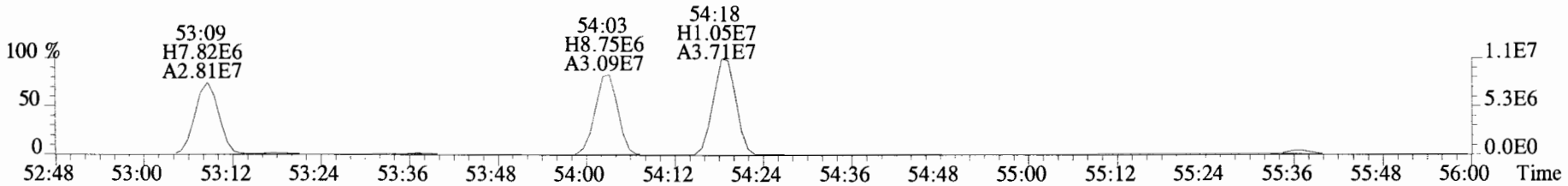
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



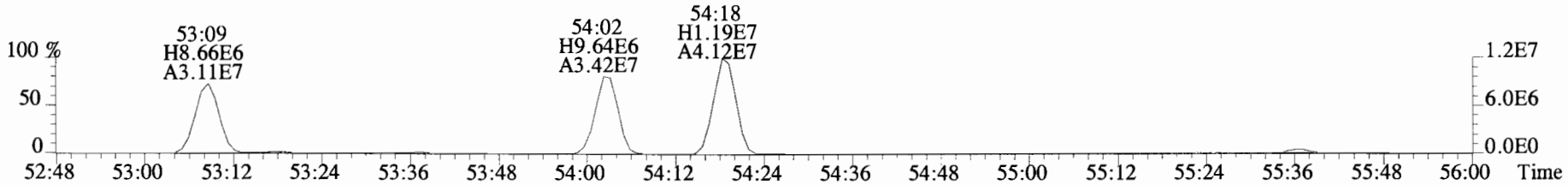
380.9760 F:4



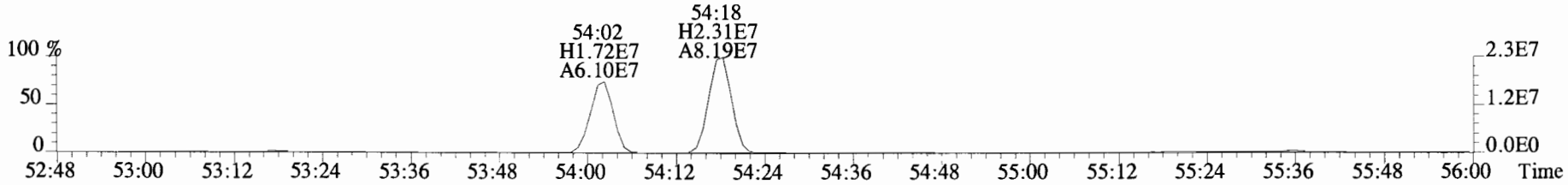
File:180409E3 #1-407 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20888.0,0.00%,F,F)



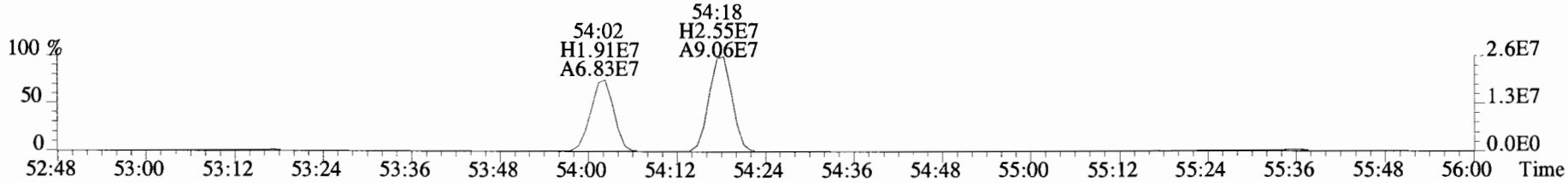
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23324.0,0.00%,F,F)



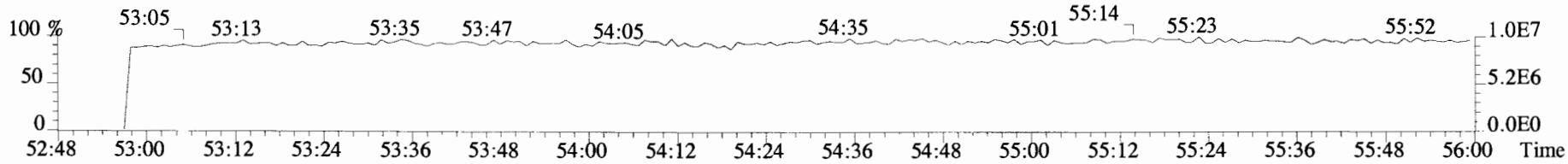
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4880.0,0.00%,F,F)



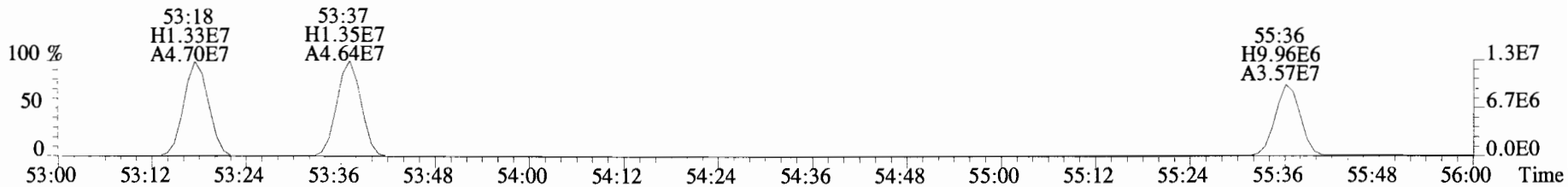
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7064.0,0.00%,F,F)



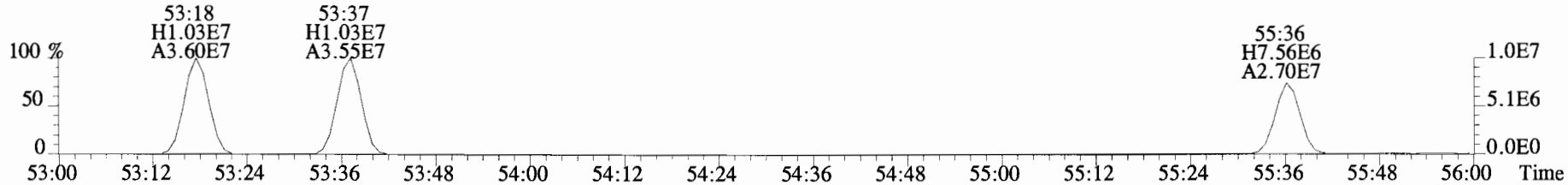
492.9697 F:5



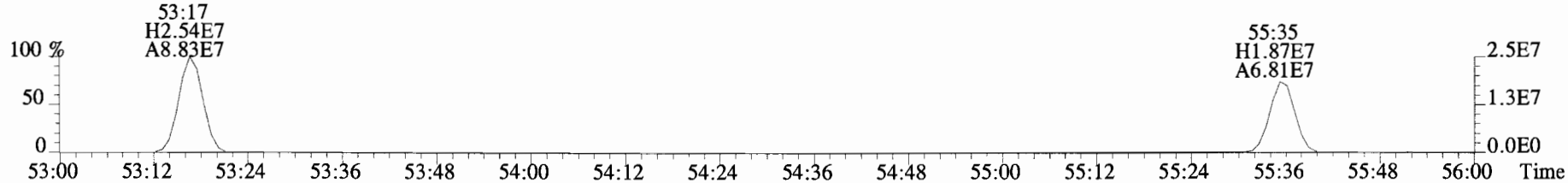
File:180409E3 #1-407 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18056.0,0.00%,F,F)



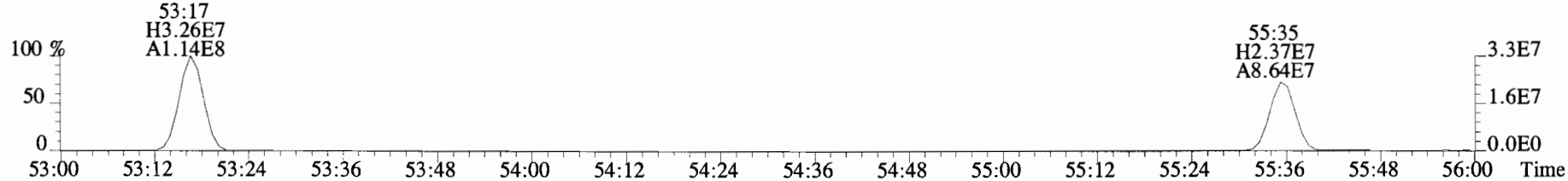
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14204.0,0.00%,F,F)



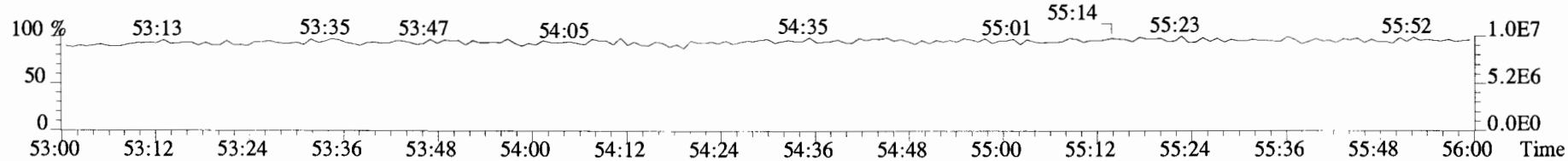
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24364.0,0.00%,F,F)



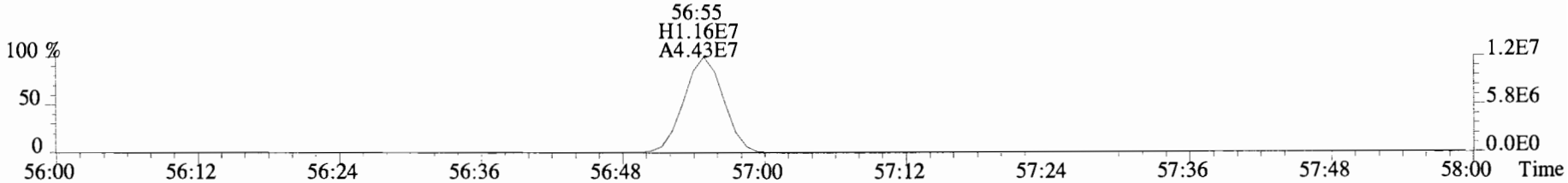
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30904.0,0.00%,F,F)



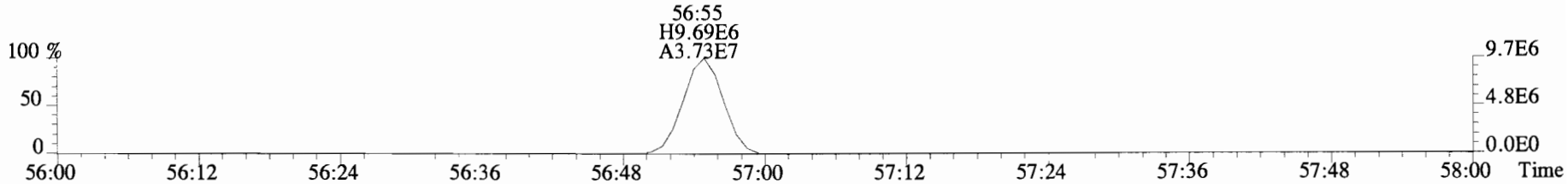
492.9697 F:5



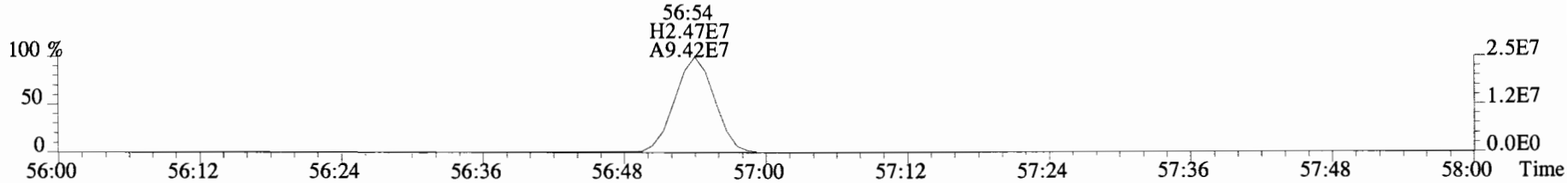
File:180409E3 #1-407 Acq:10-APR-2018 20:01:25 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180409E3-1 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1240.0,0.00%,F,F)



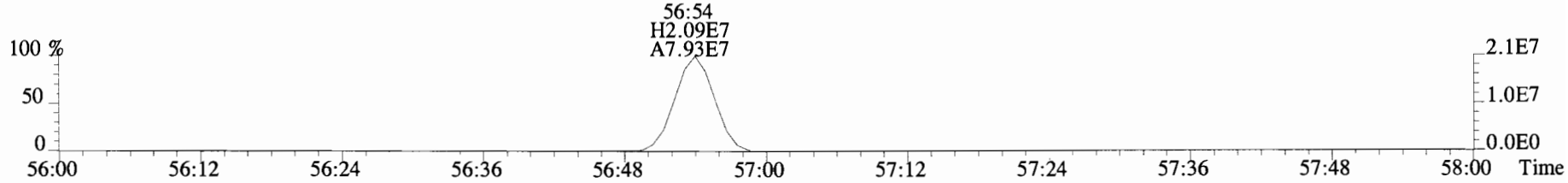
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1336.0,0.00%,F,F)



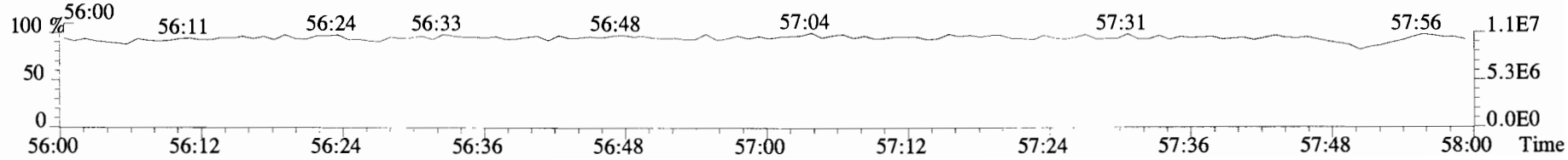
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)

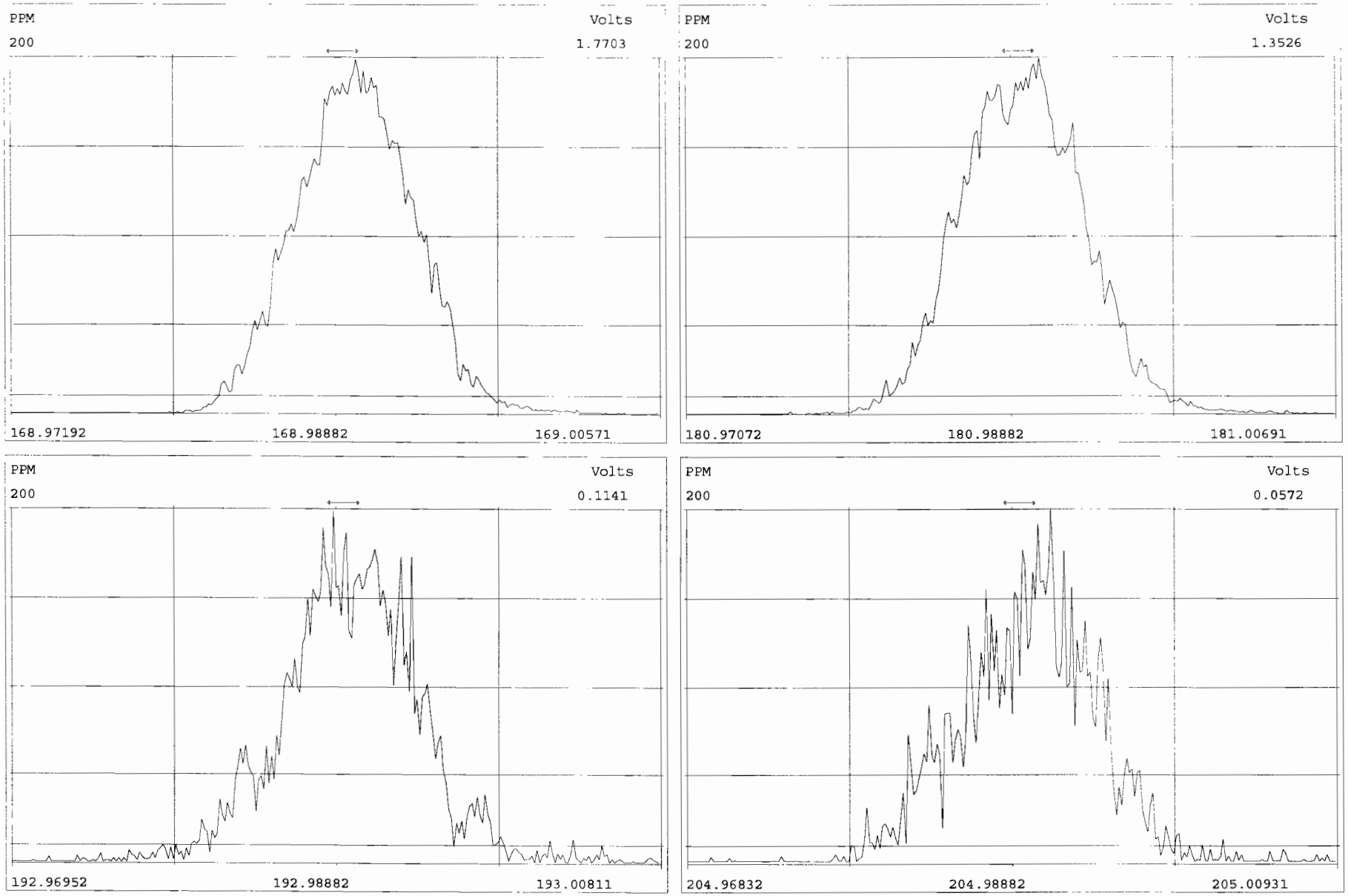


492.9697 F:5



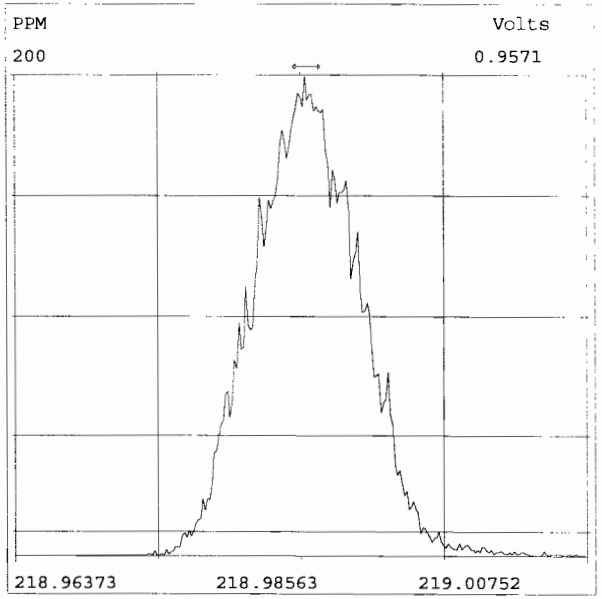
Peak Locate Examination:11-APR-2018:00:29 File:RES_CHECK

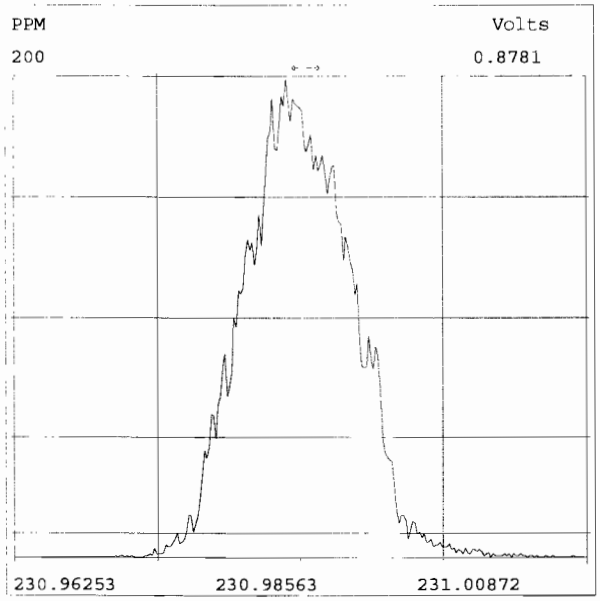
Experiment:PCB_ZB1 Function:1 Reference:PFK

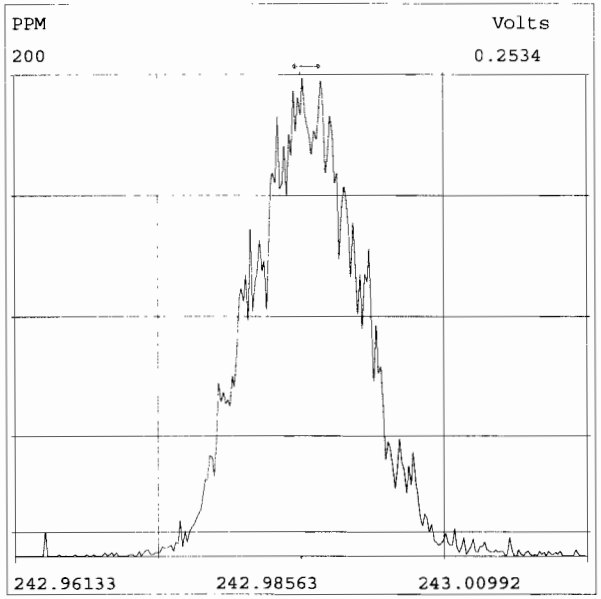


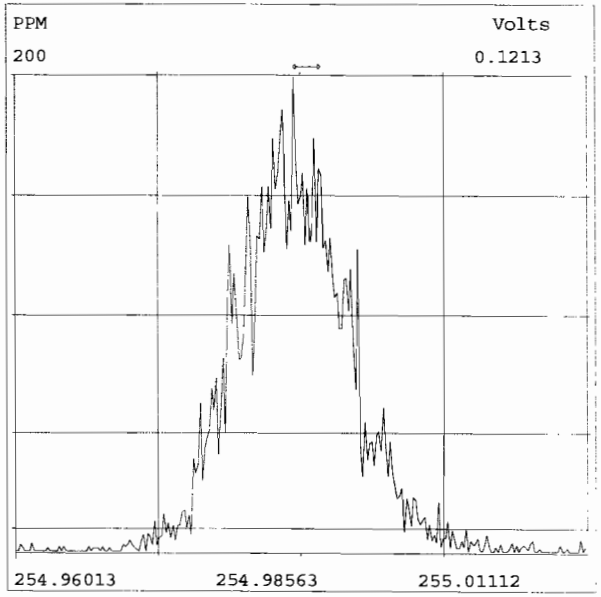
Peak Locate Examination:11-APR-2018:00:30 File:RES_CHECK

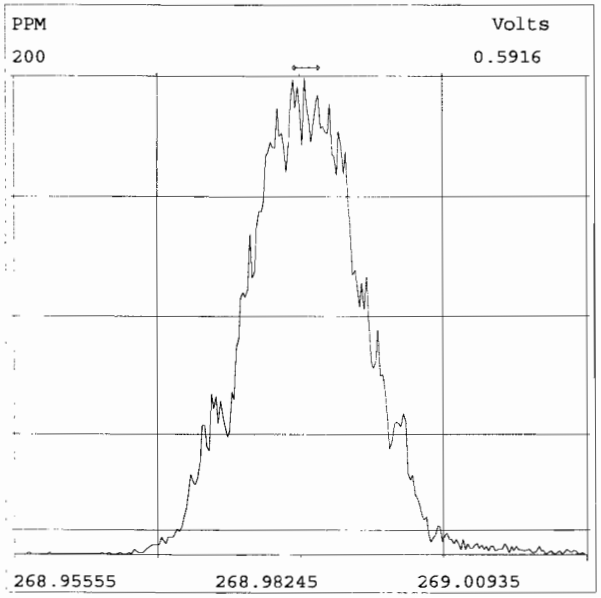
Experiment:PCB_ZB1 Function:2 Reference:PFK

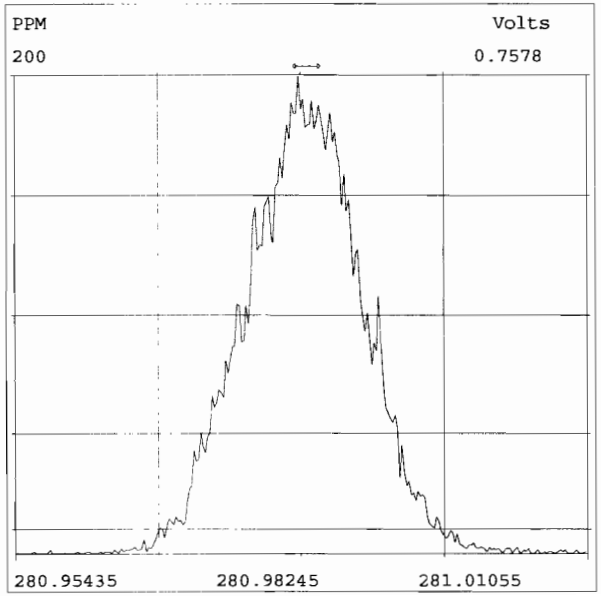






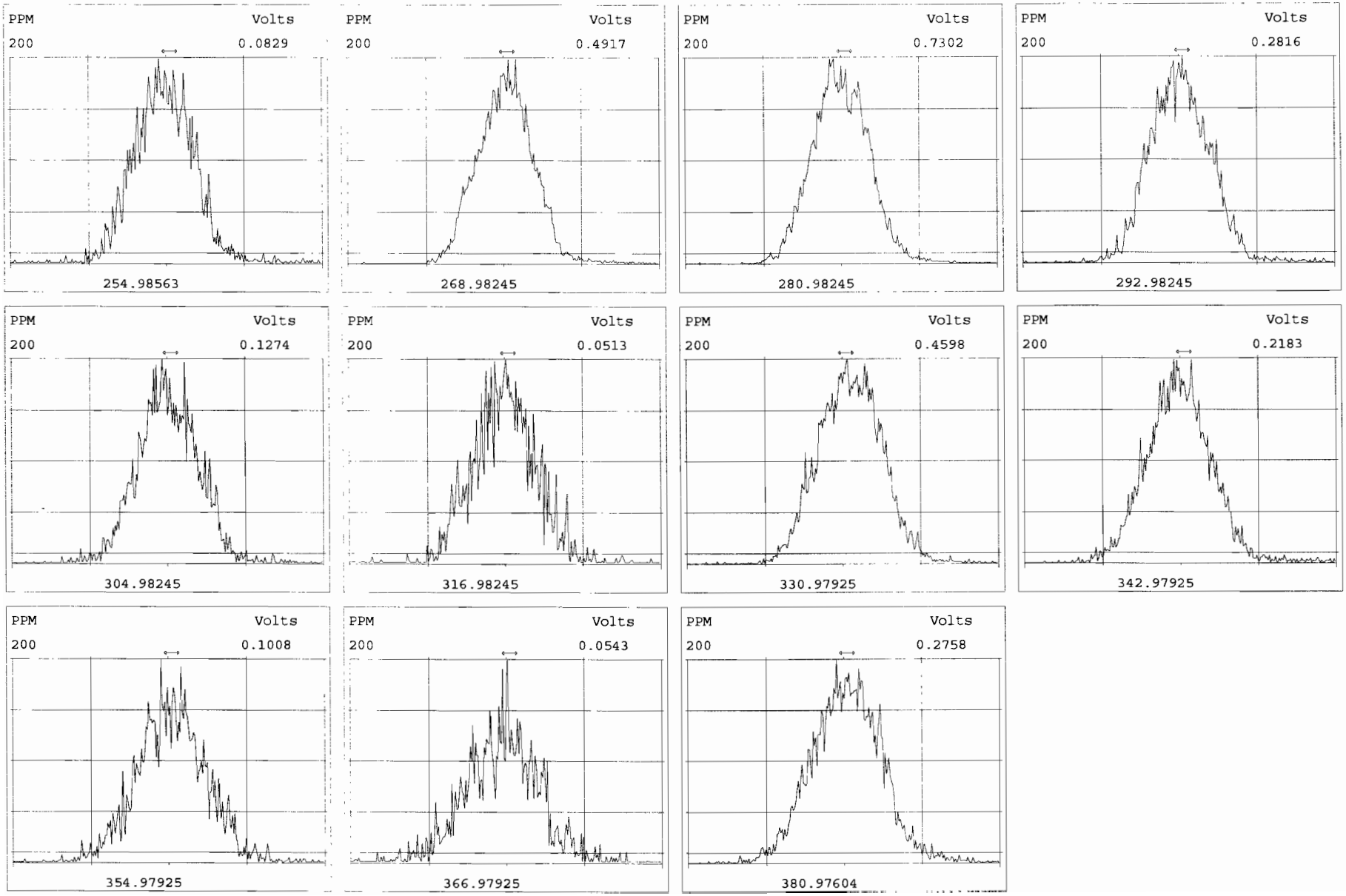






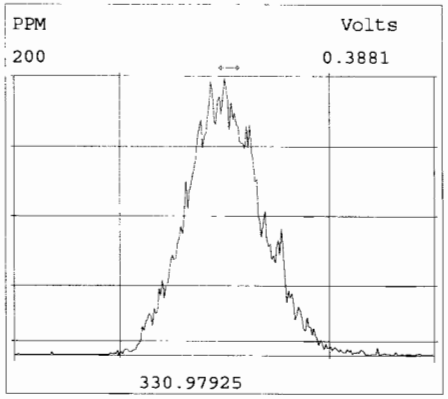
Peak Locate Examination:11-APR-2018:00:31 File:RES_CHECK

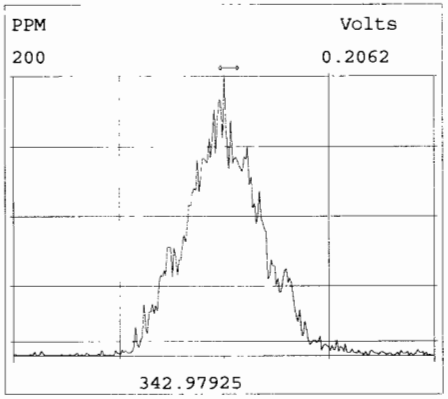
Experiment:PCB_ZB1 Function:3 Reference:PFK

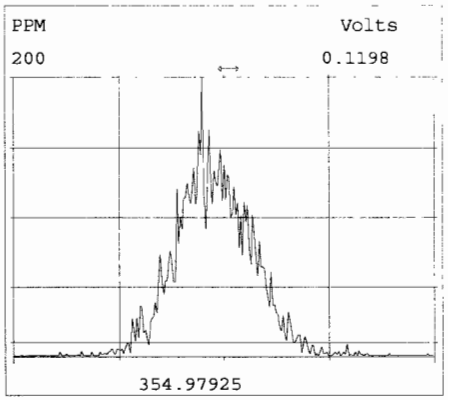


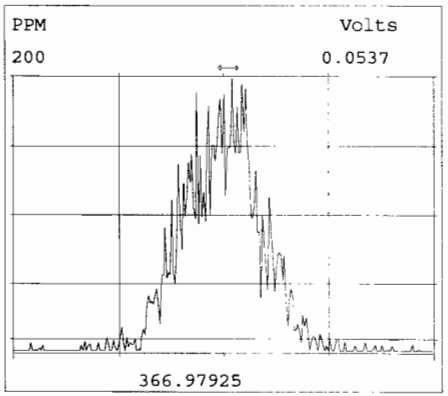
Peak Locate Examination:11-APR-2018:00:32 File:RES_CHECK

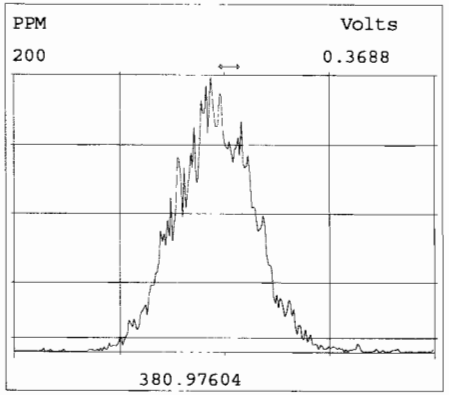
Experiment:PCB_ZB1 Function:4 Reference:PFK

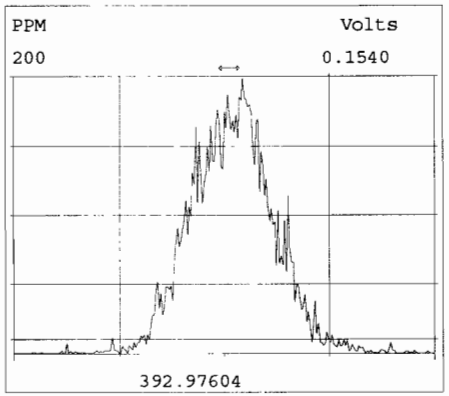


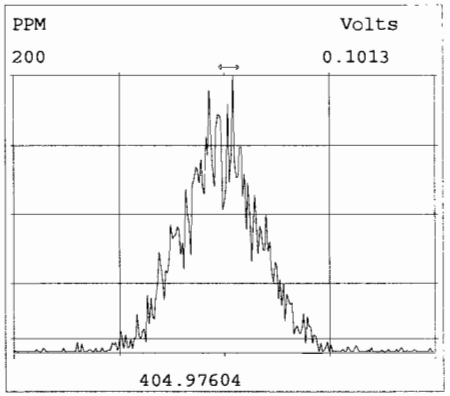


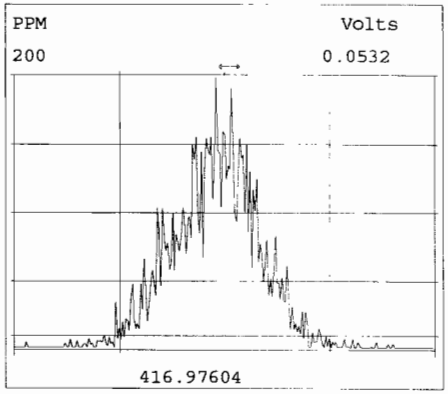


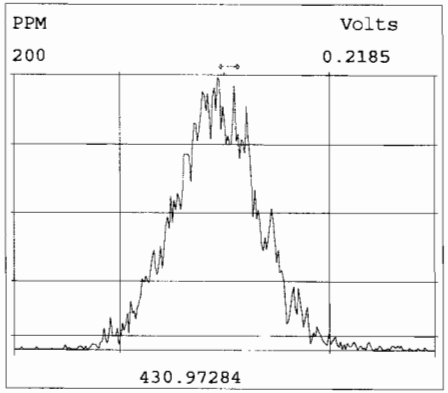


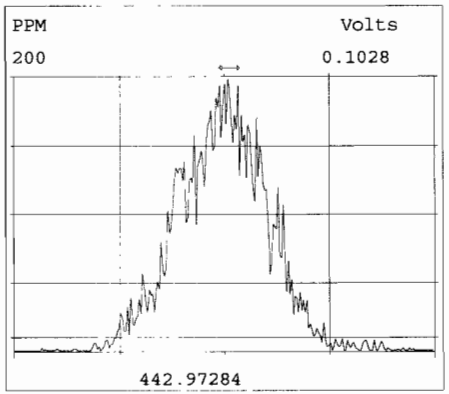






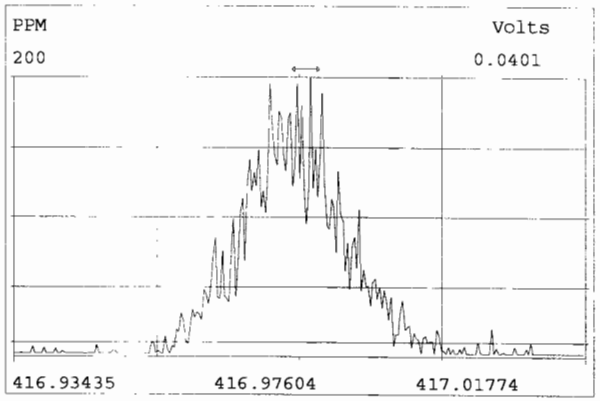


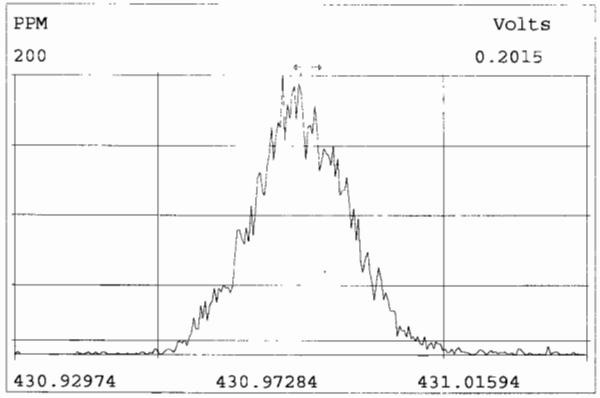


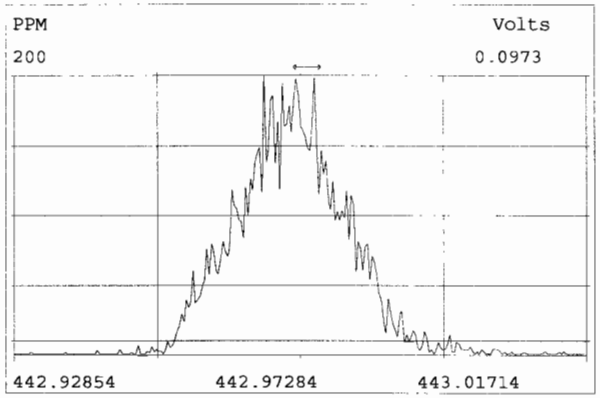


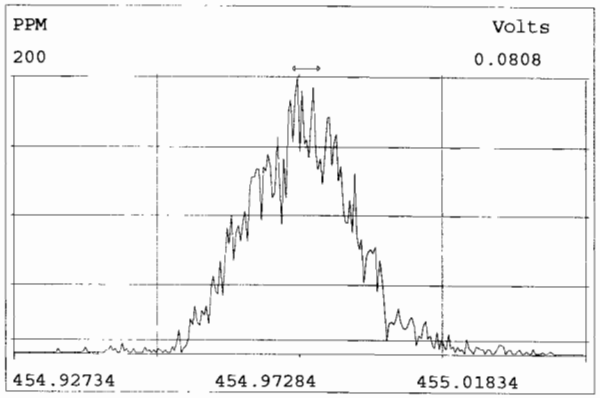
Peak Locate Examination:11-APR-2018:00:33 File:RES_CHECK

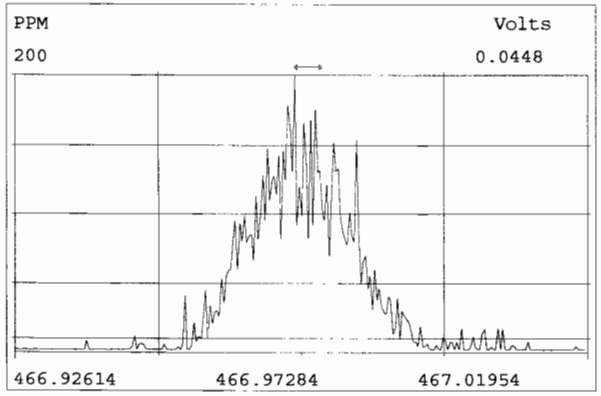
Experiment:PCB_ZB1 Function:5 Reference:PFK

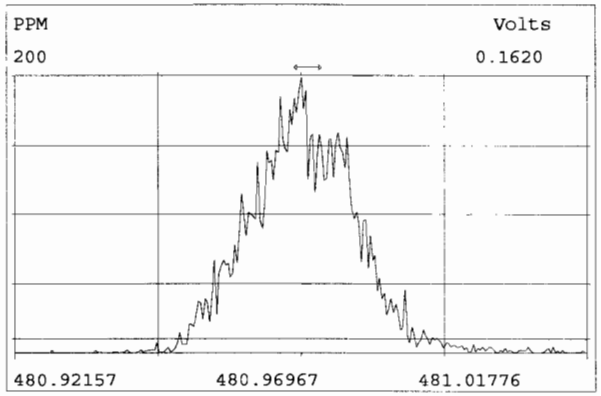


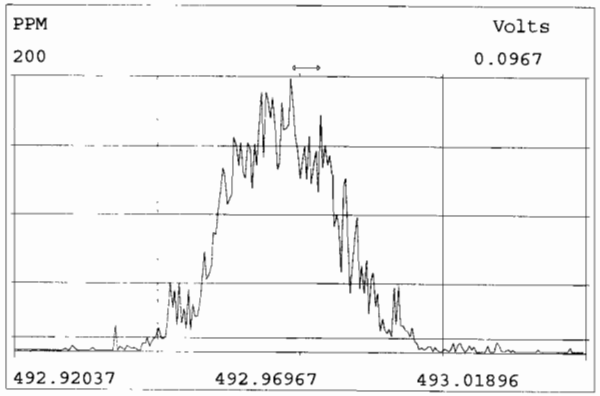


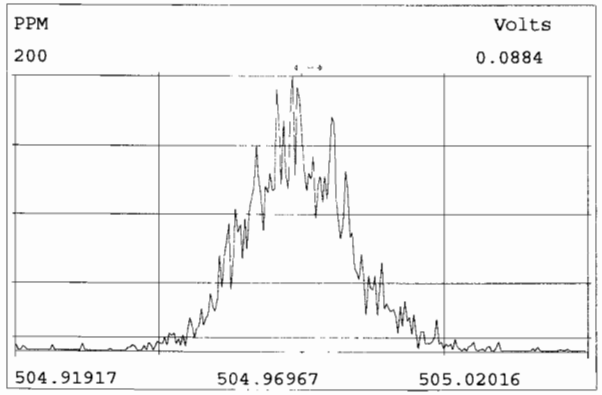


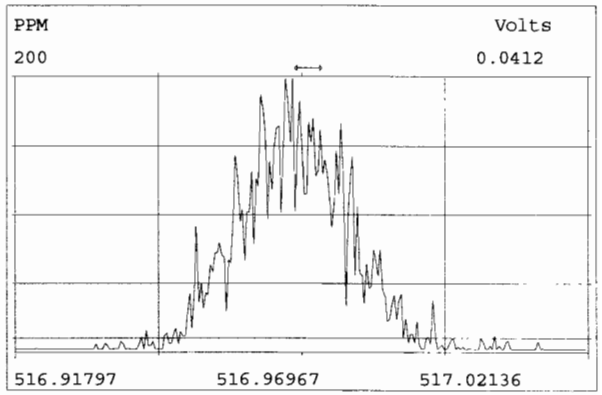






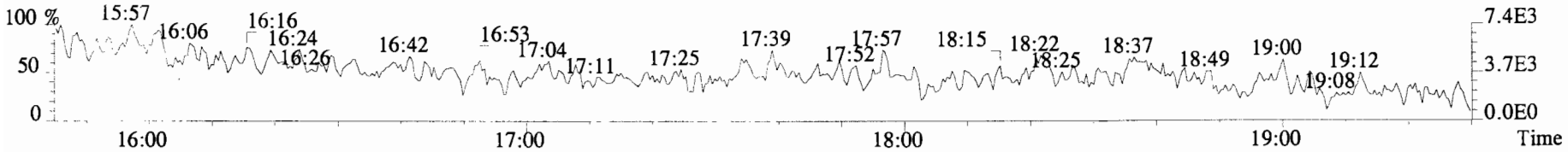




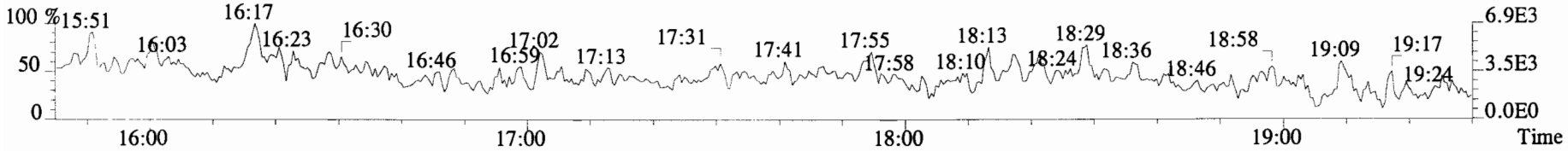


Solvent Blanks

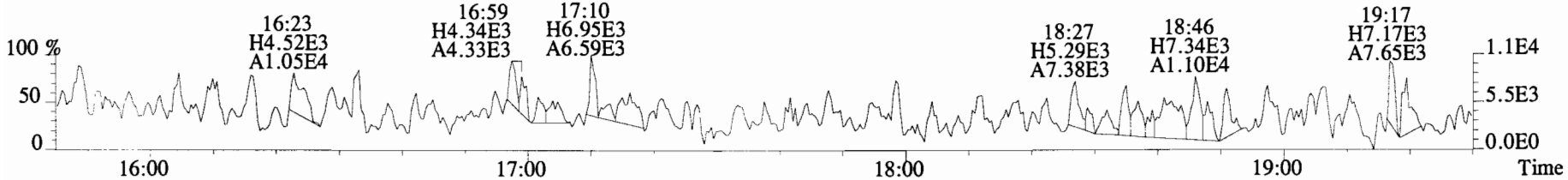
File:180409E1 #1-867 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4372.0,0.00%,F,F)



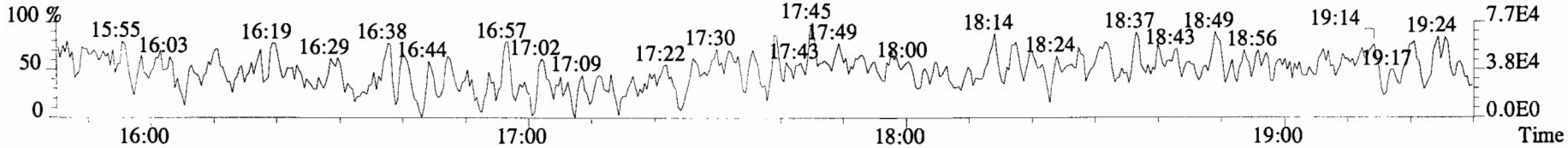
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



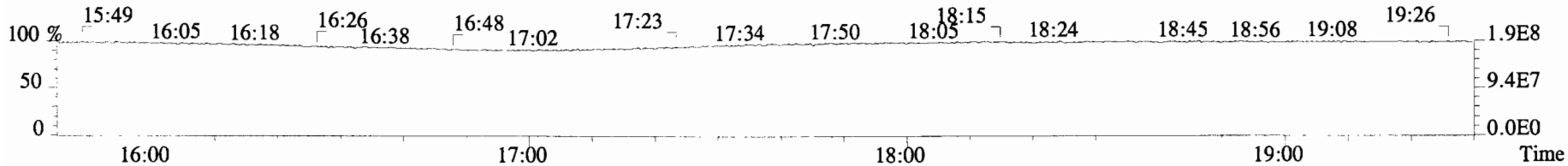
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5068.0,0.00%,F,F)



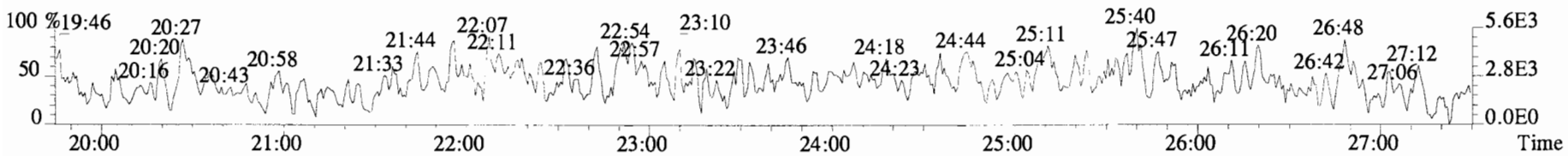
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,51560.0,0.00%,F,F)



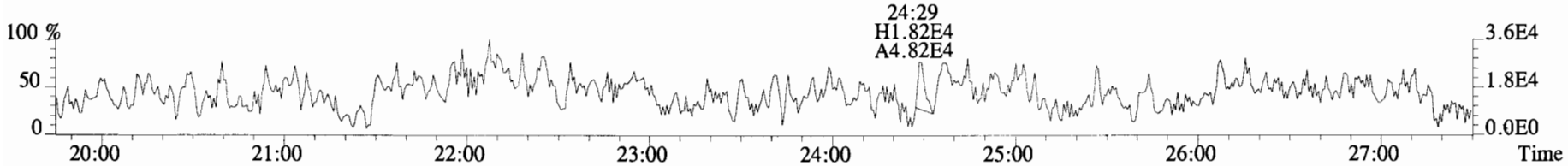
180.9880 S:3



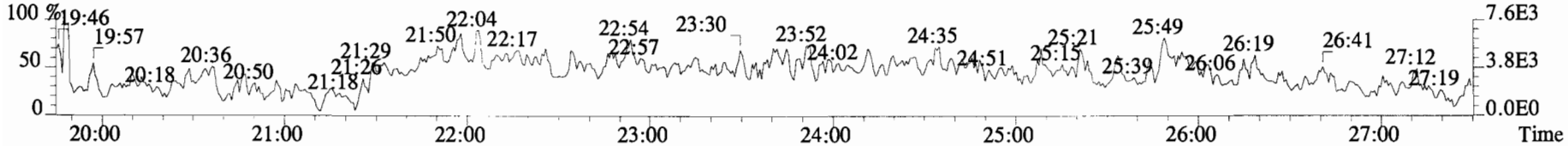
File:180409E1 #1-757 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3160.0,0.00%,F,F)



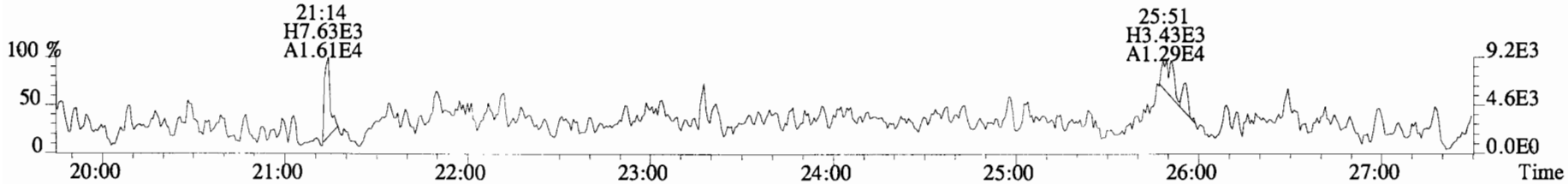
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20888.0,0.00%,F,F)



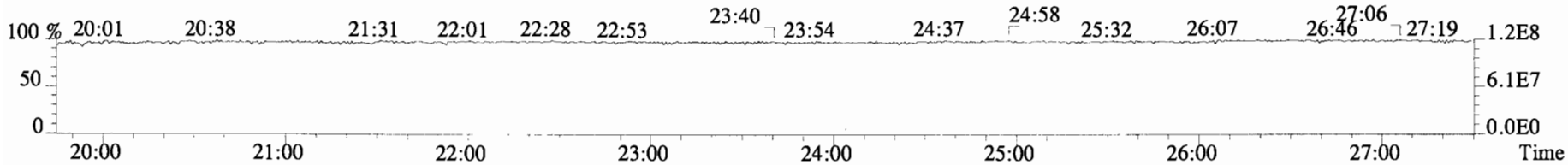
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4408.0,0.00%,F,F)



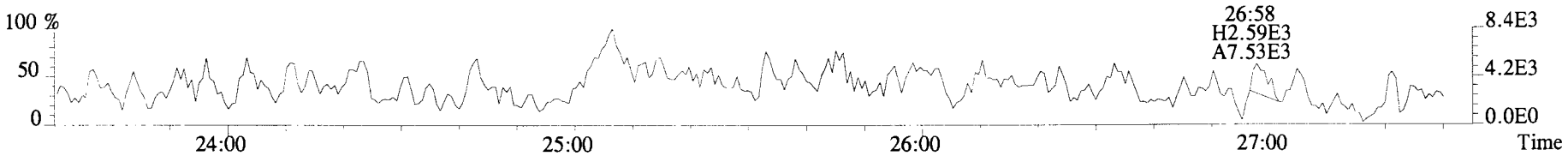
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3992.0,0.00%,F,F)



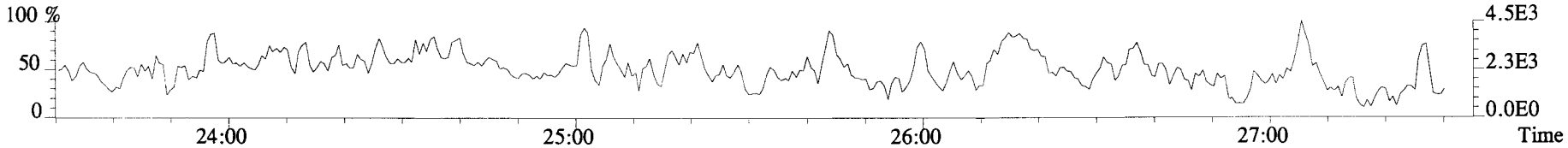
230.9856 S:3 F:2



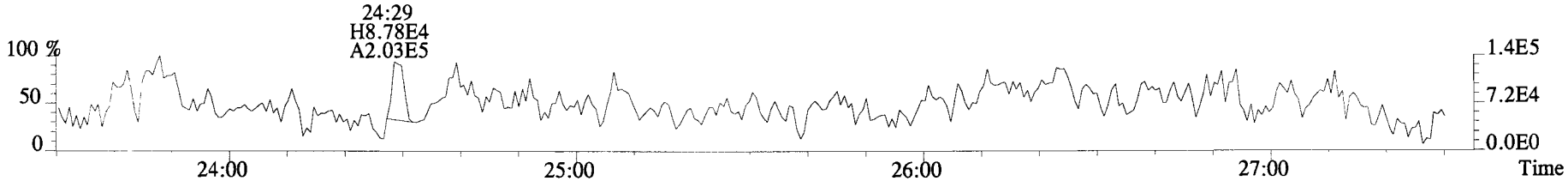
File:180409E1 #1-757 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4060.0,0.00%,F,F)



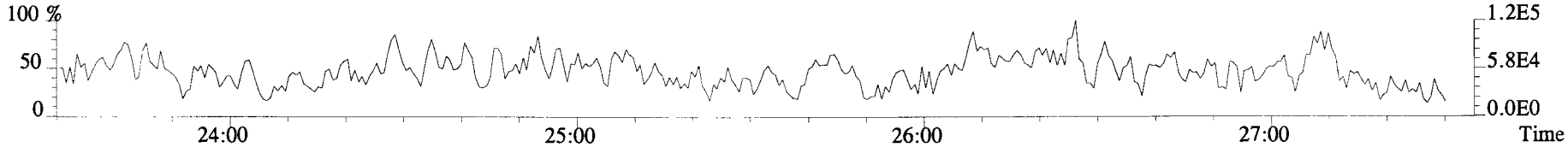
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



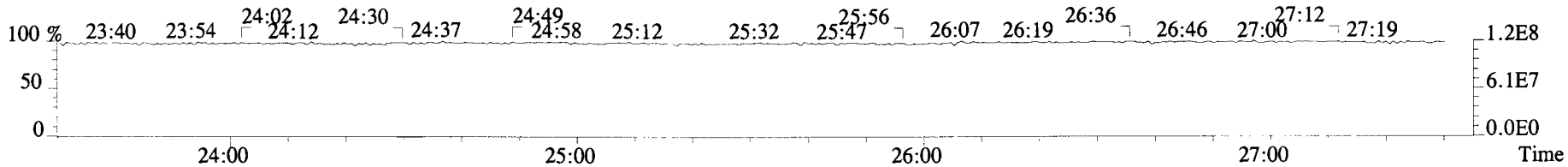
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95880.0,0.00%,F,F)



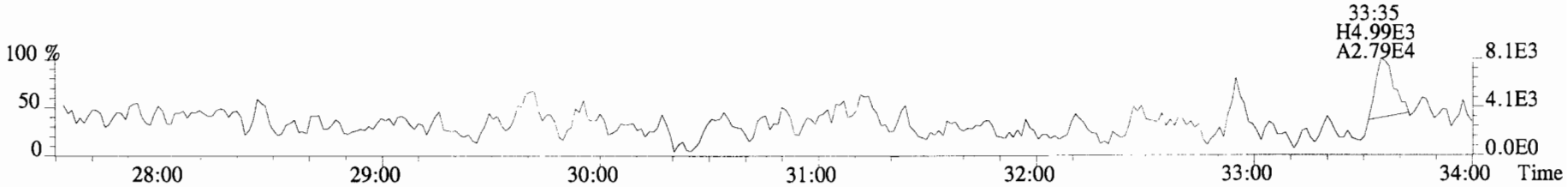
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,72296.0,0.00%,F,F)



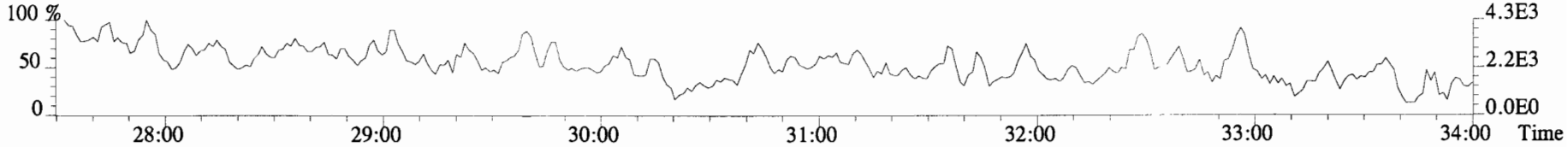
230.9856 S:3 F:2



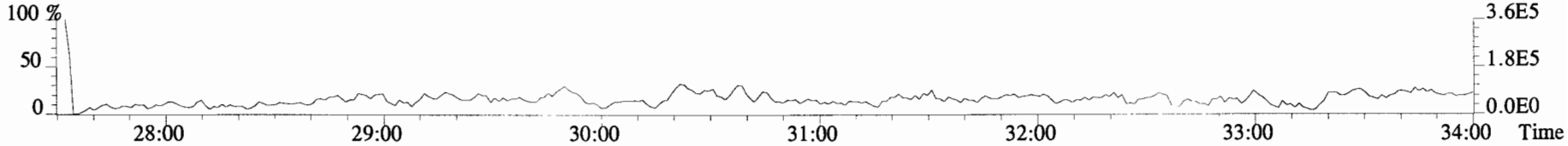
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3472.0,0.00%,F,F)



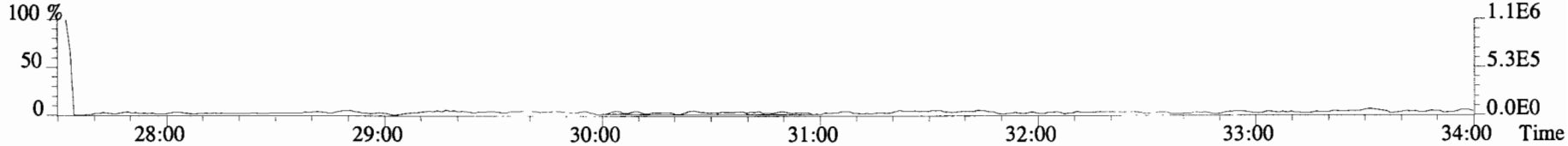
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



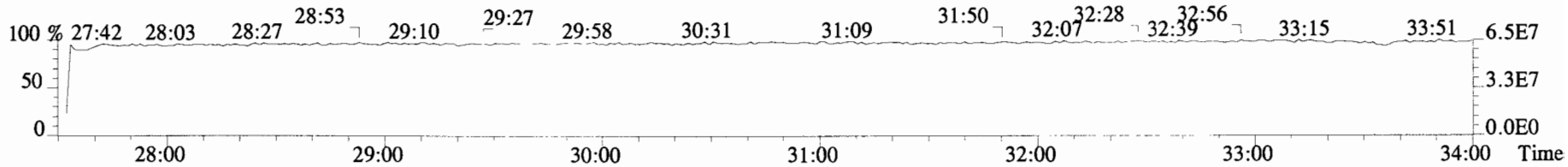
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69612.0,0.00%,F,F)



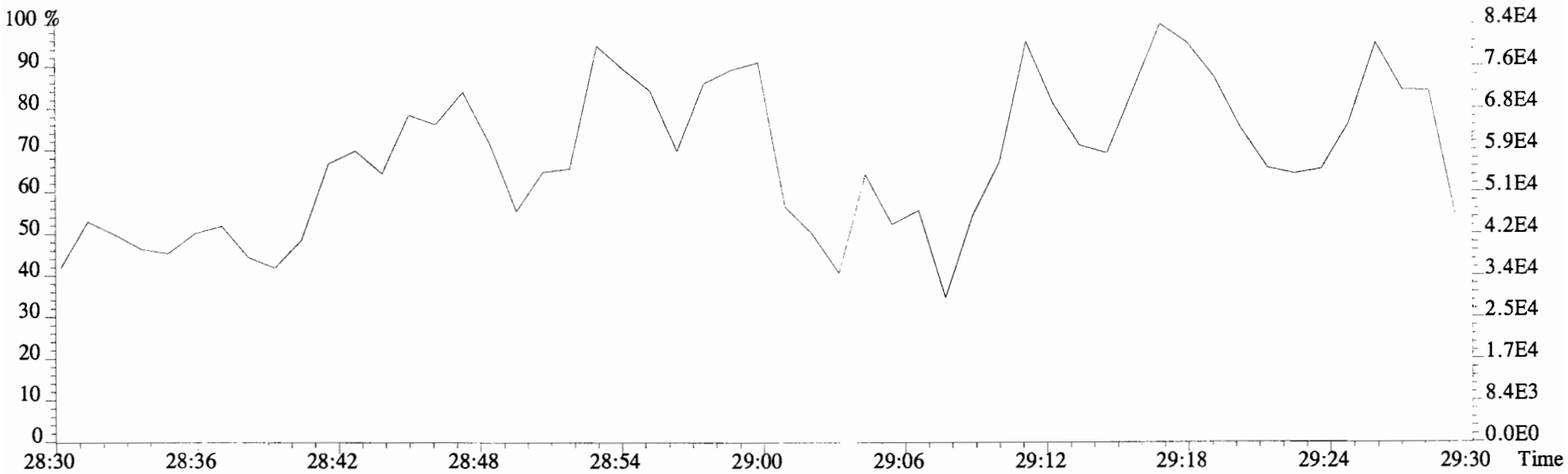
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41544.0,0.00%,F,F)



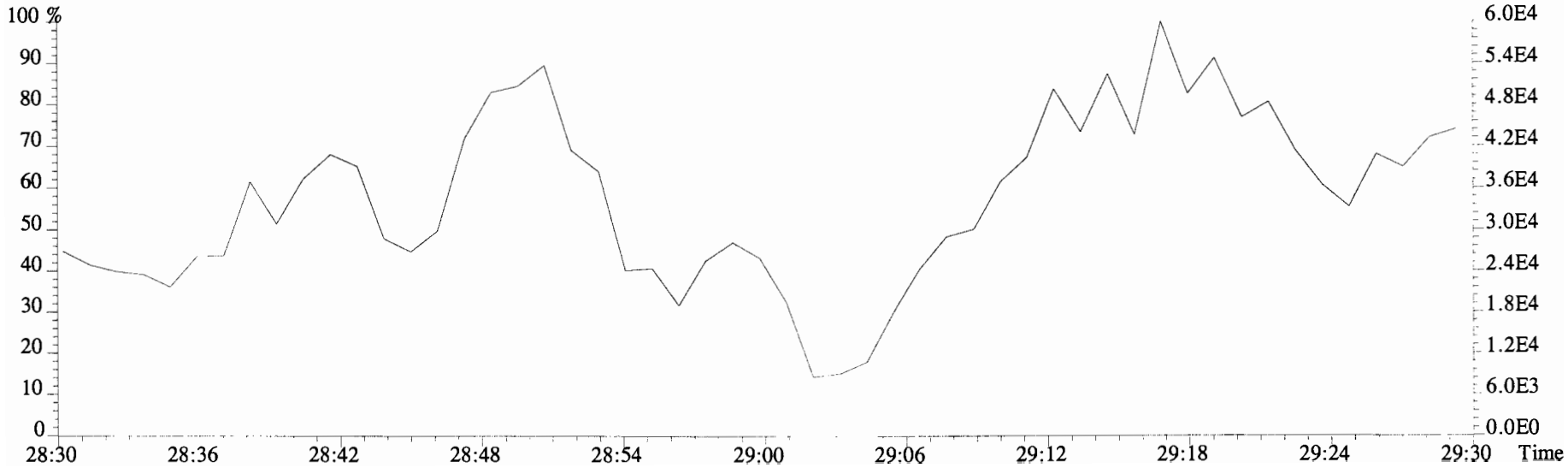
330.9792 S:3 F:3



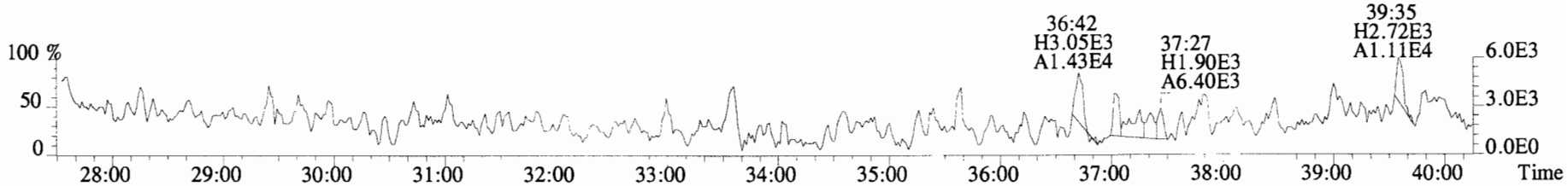
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69612.0,0.00%,F,F)



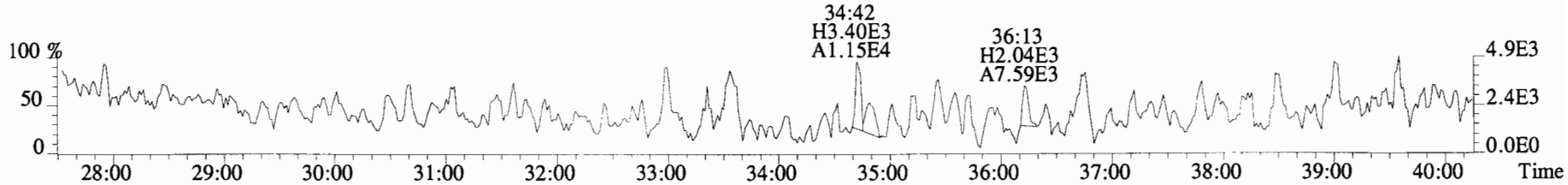
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41544.0,0.00%,F,F)



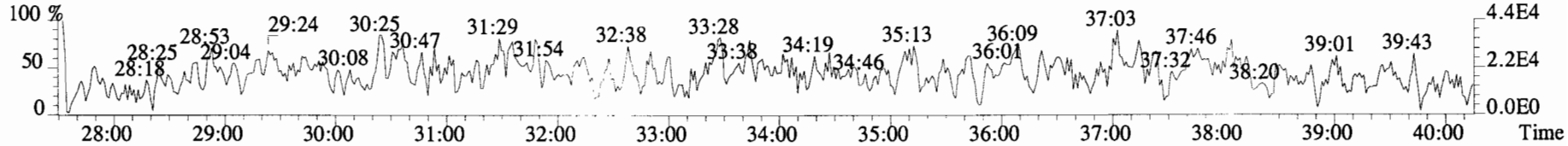
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



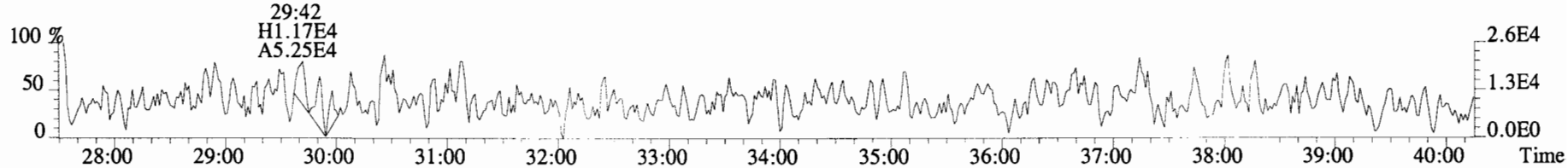
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



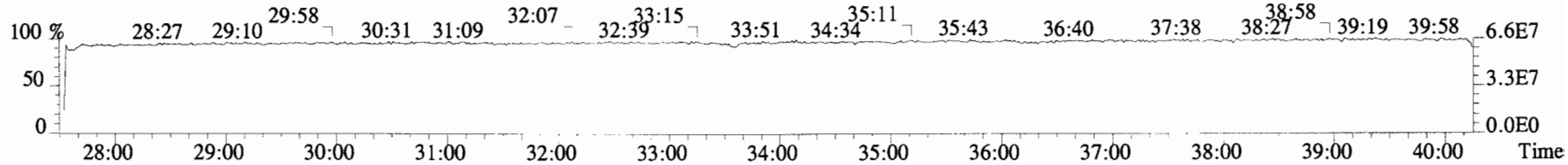
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25160.0,0.00%,F,F)



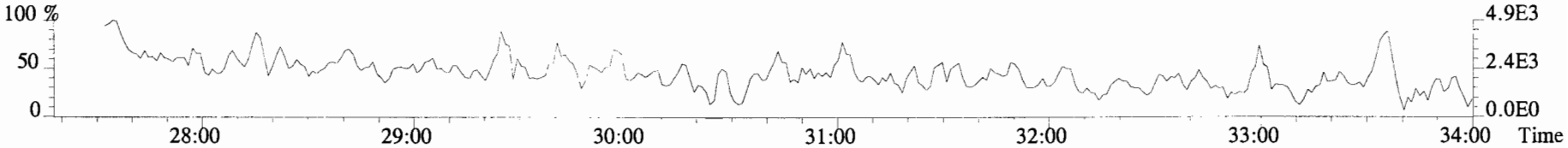
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12892.0,0.00%,F,F)



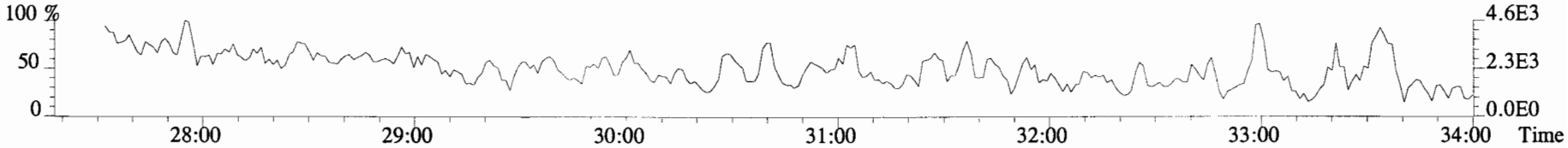
330.9792 S:3 F:3



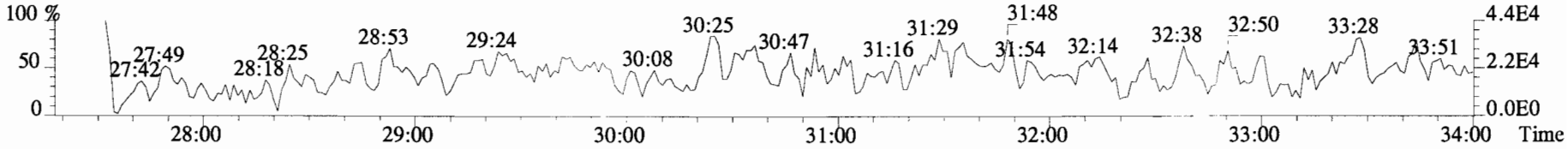
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



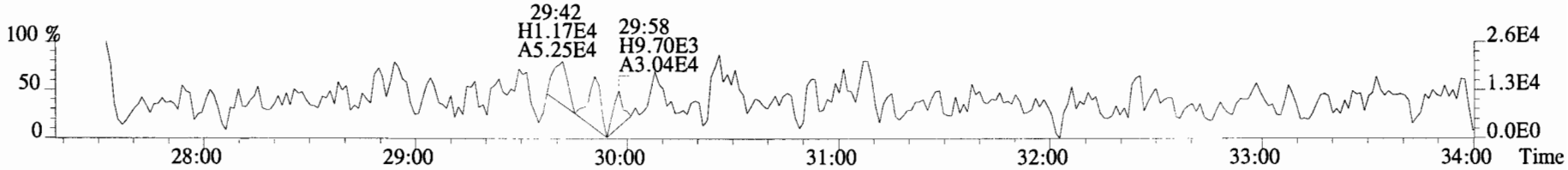
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



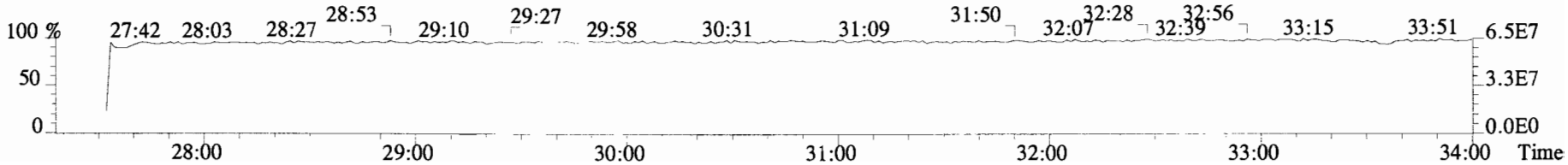
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25160.0,0.00%,F,F)



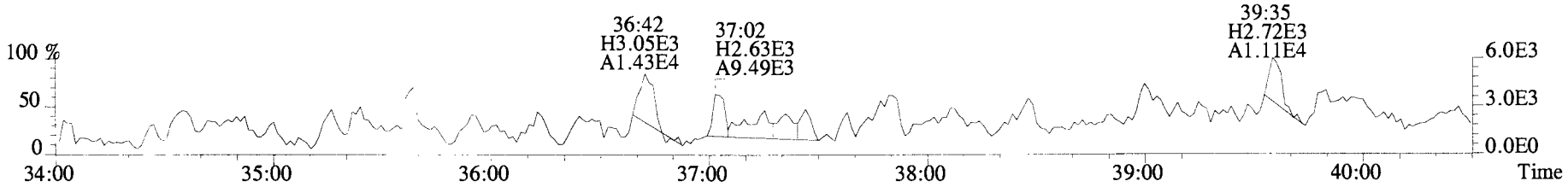
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12892.0,0.00%,F,F)



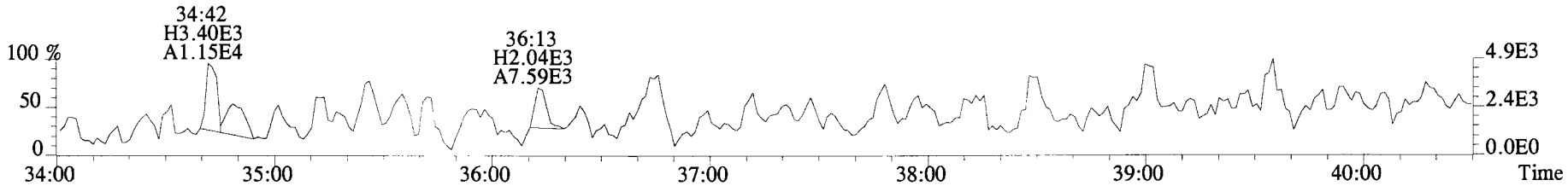
330.9792 S:3 F:3



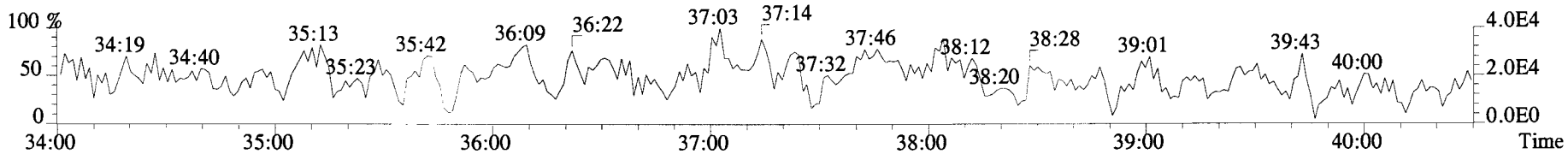
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



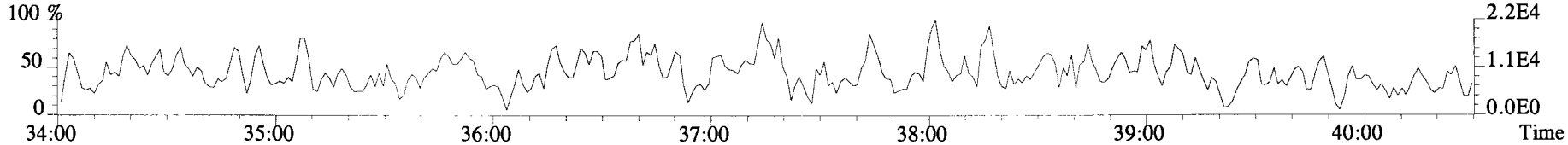
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



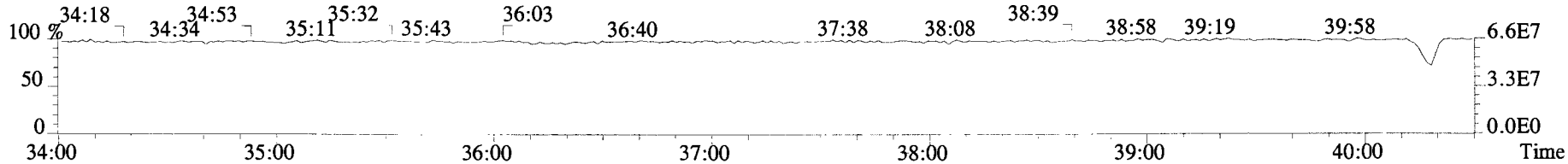
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25160.0,0.00%,F,F)



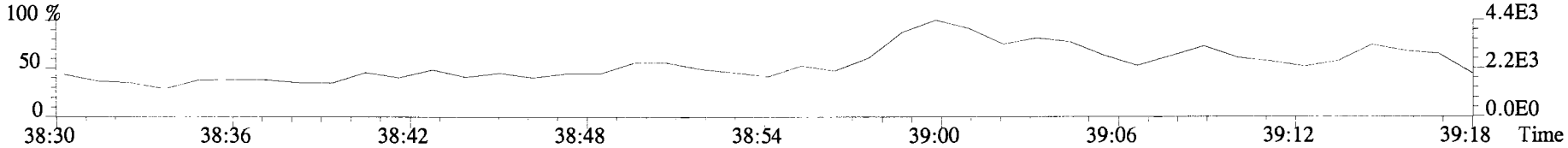
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12892.0,0.00%,F,F)



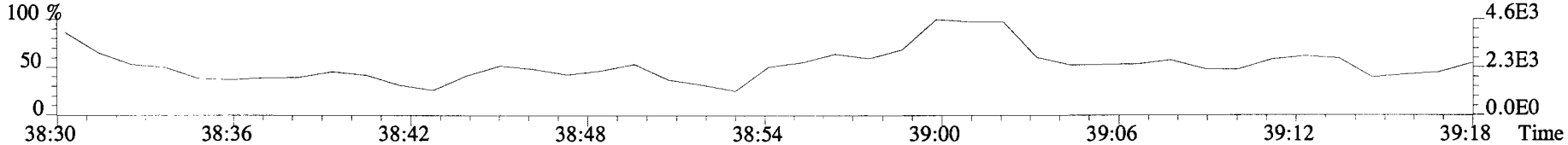
330.9792 S:3 F:3



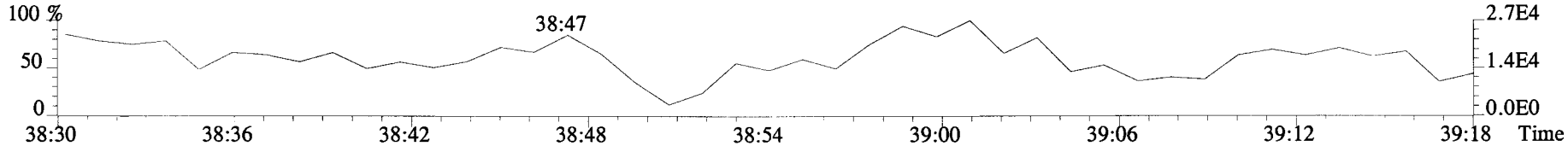
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



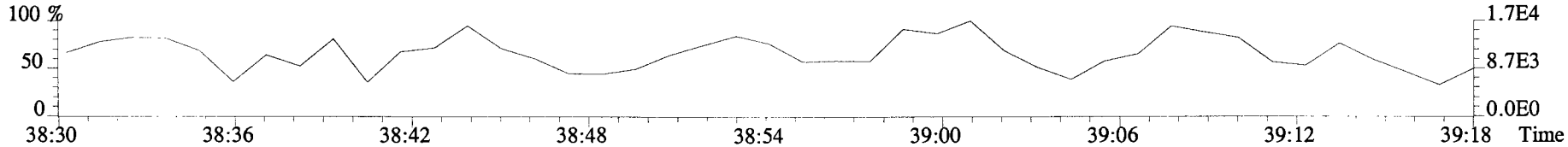
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



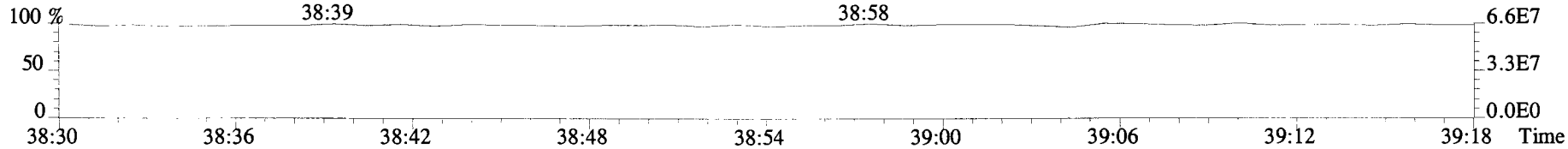
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25160.0,0.00%,F,F)



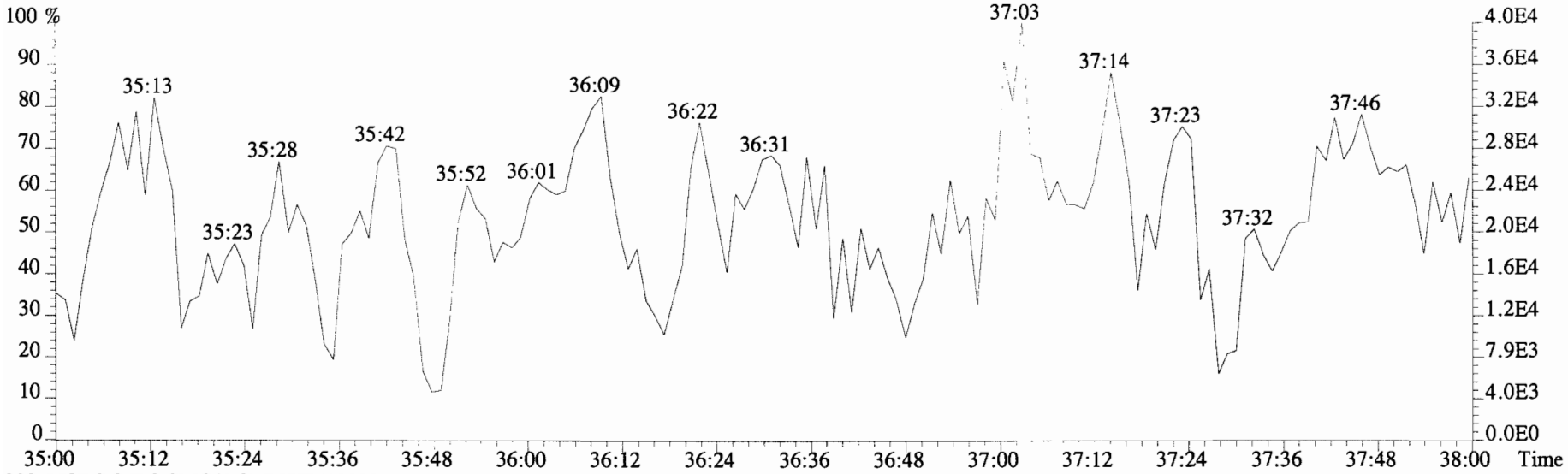
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12892.0,0.00%,F,F)



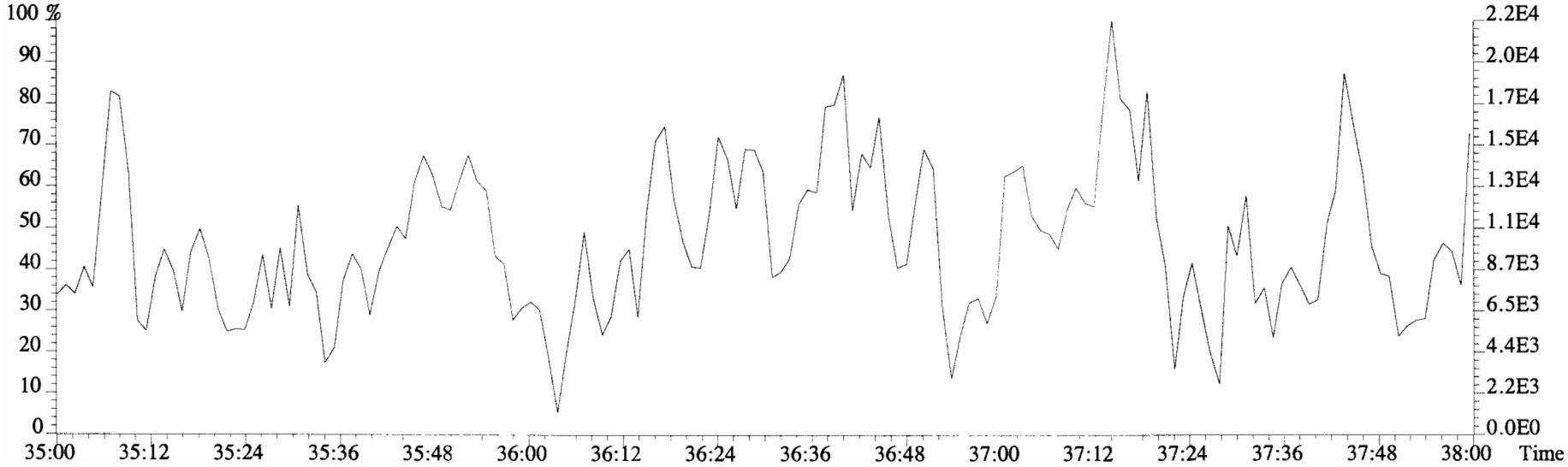
330.9792 S:3 F:3



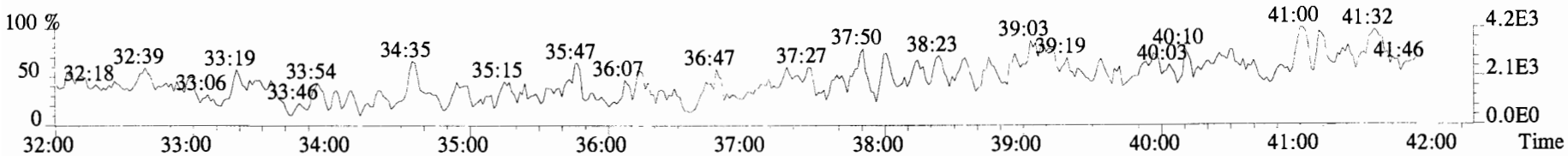
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25160.0,0.00%,F,F)



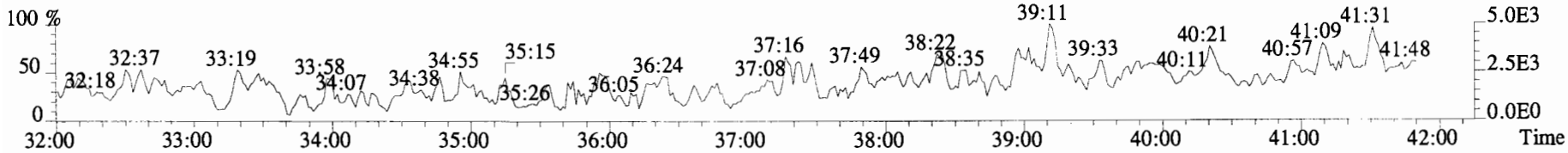
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12892.0,0.00%,F,F)



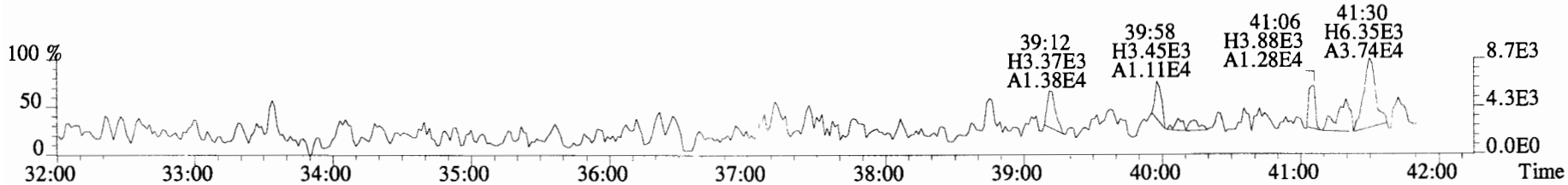
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



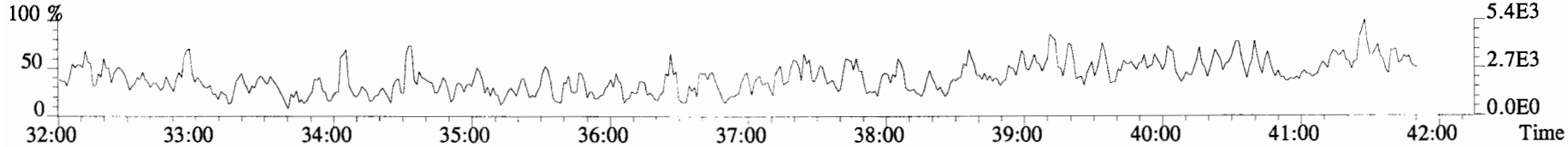
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2676.0,0.00%,F,F)



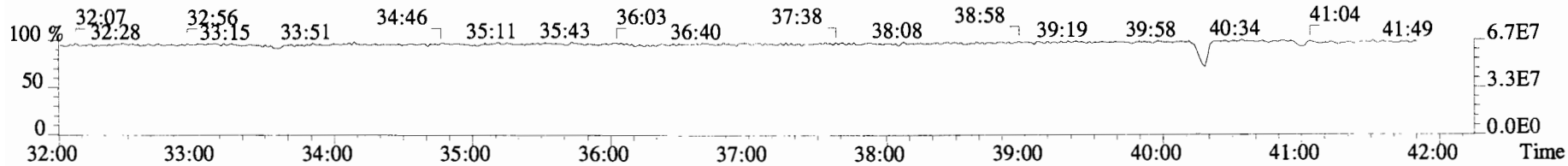
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



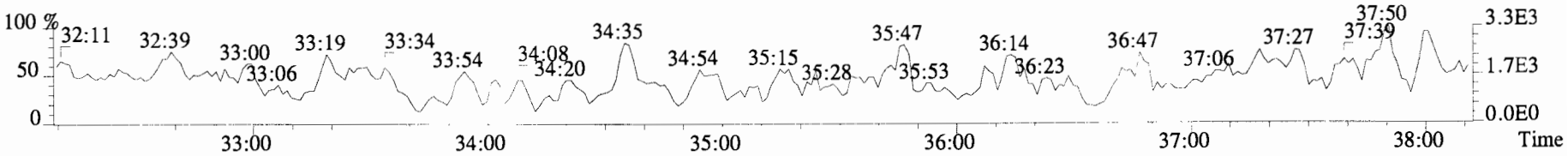
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2956.0,0.00%,F,F)



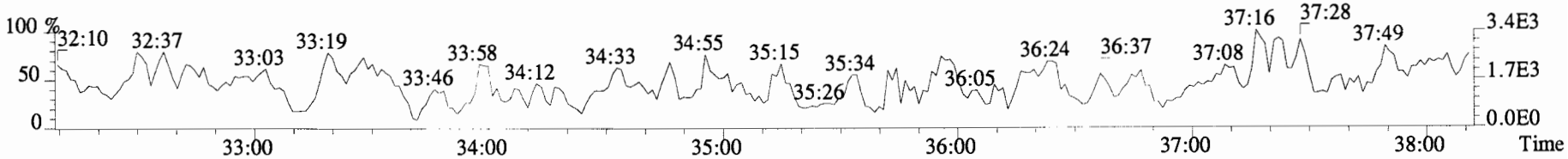
330.9792 S:3 F:3



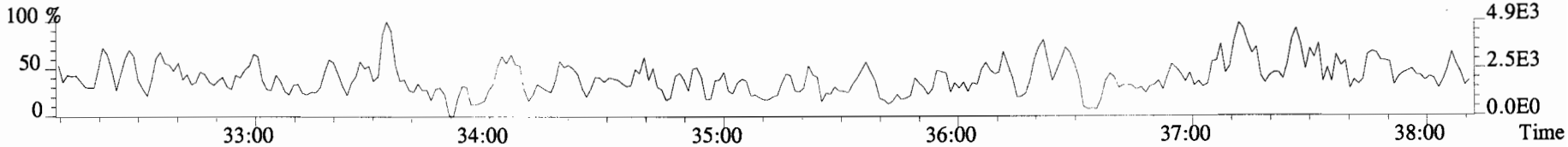
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



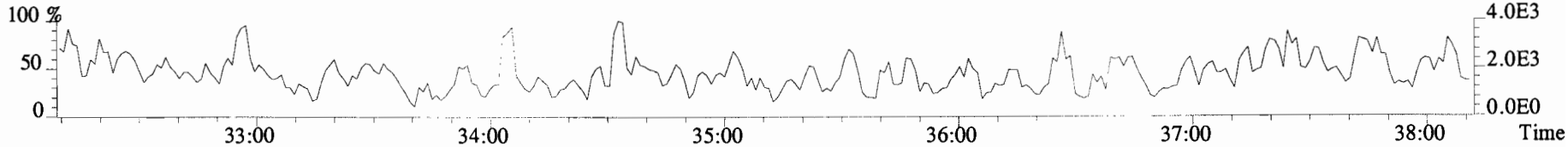
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2676.0,0.00%,F,F)



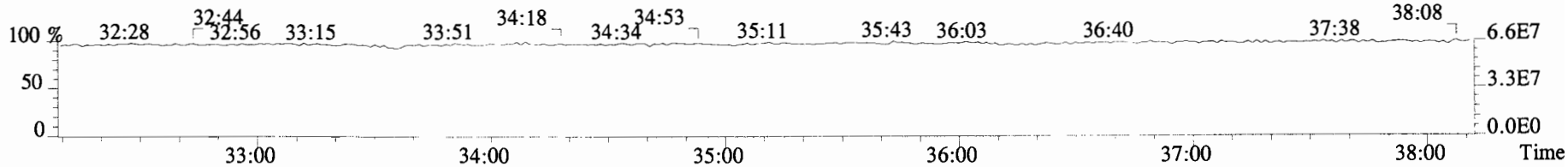
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



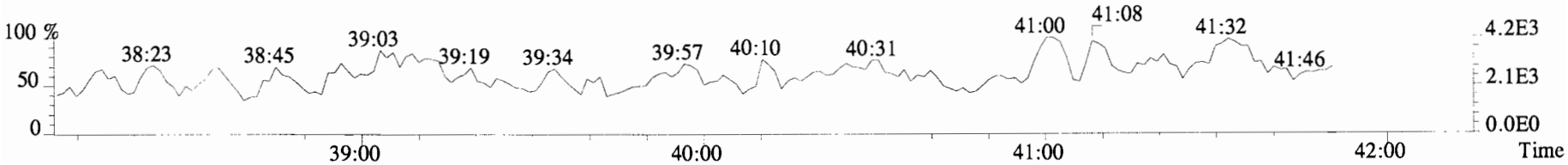
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2956.0,0.00%,F,F)



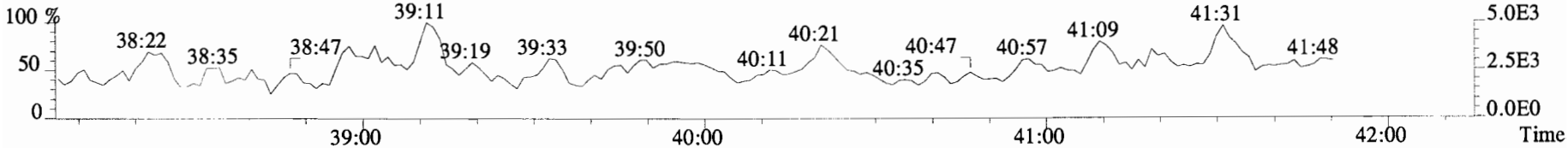
330.9792 S:3 F:3



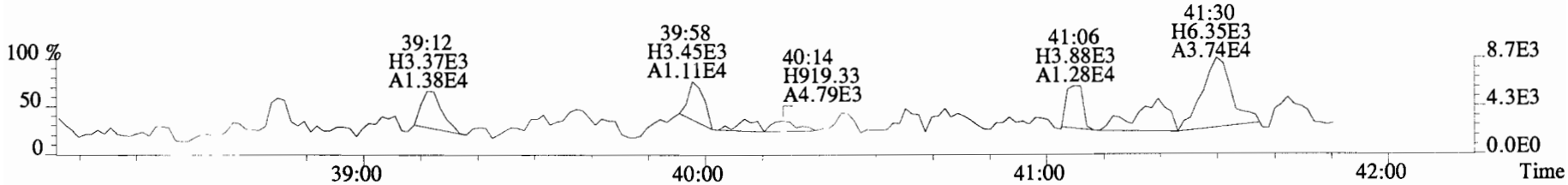
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



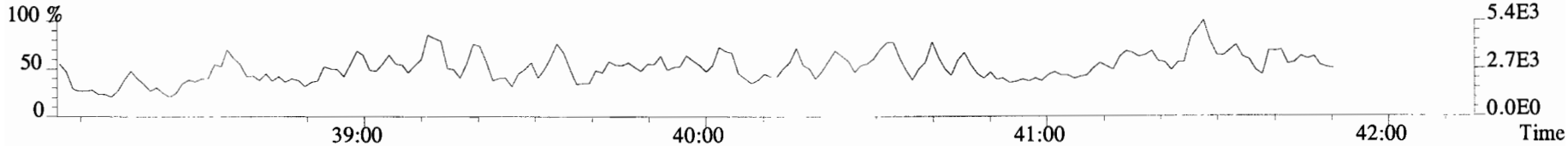
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2676.0,0.00%,F,F)



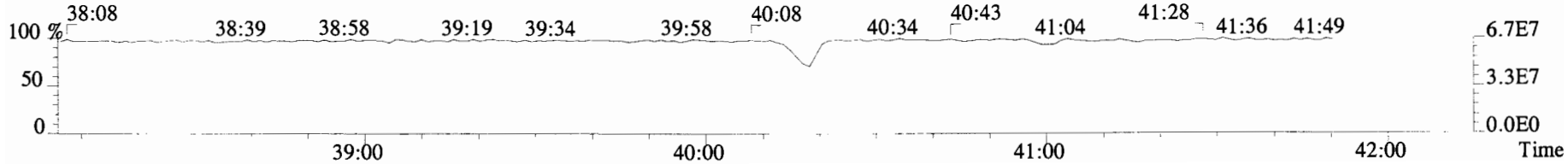
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



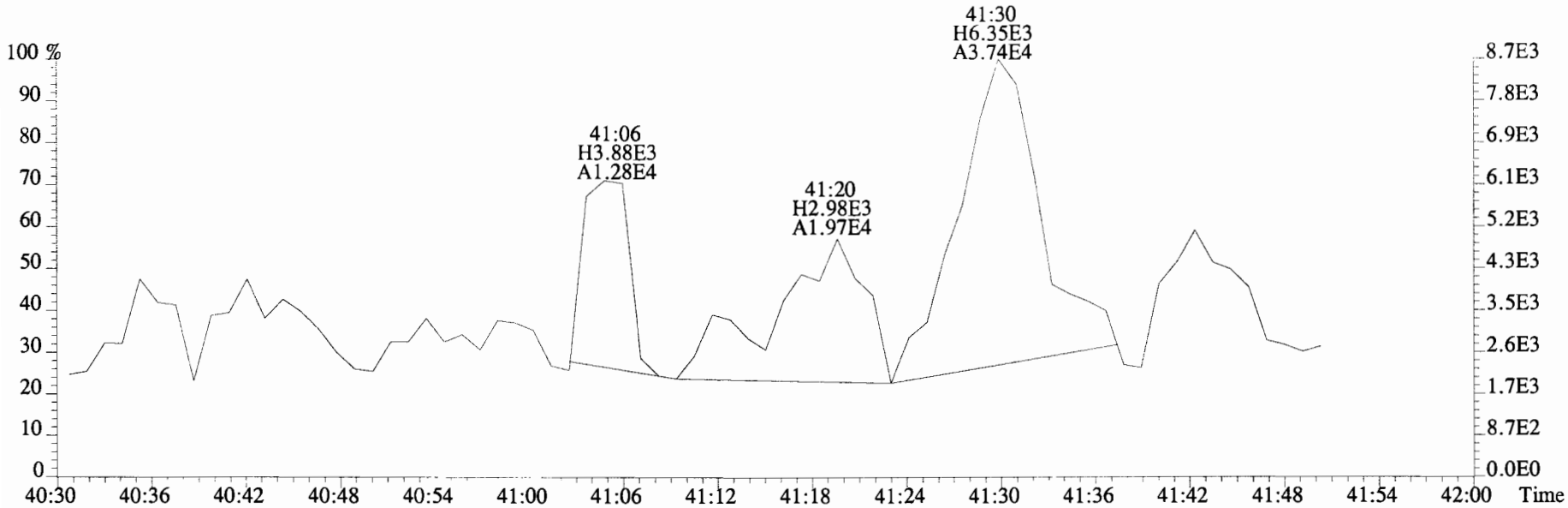
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2956.0,0.00%,F,F)



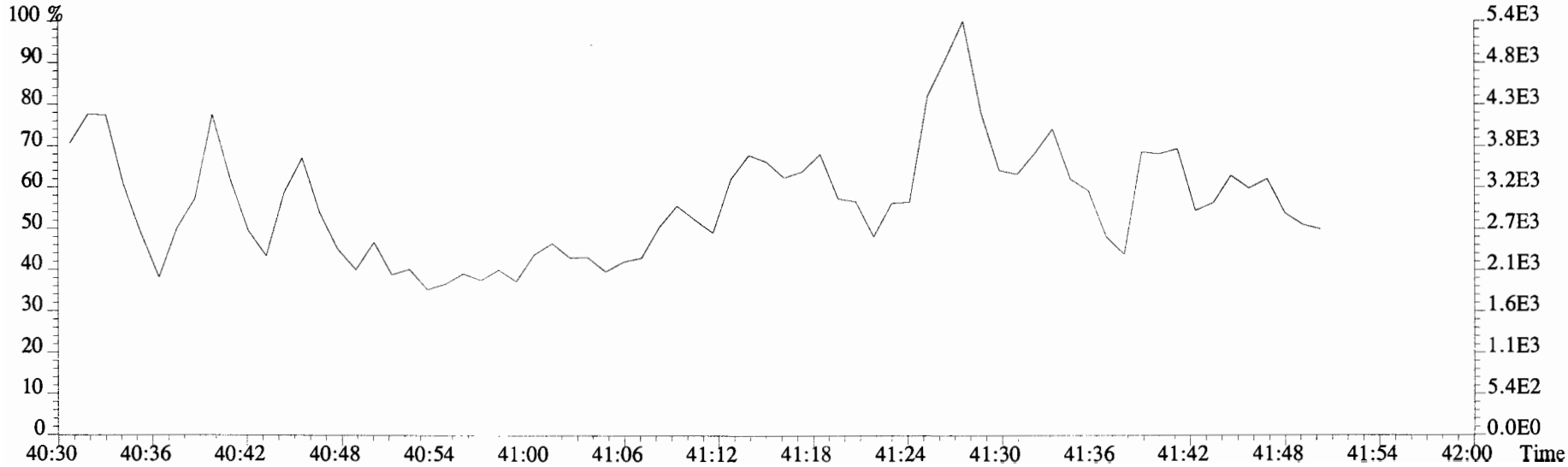
330.9792 S:3 F:3



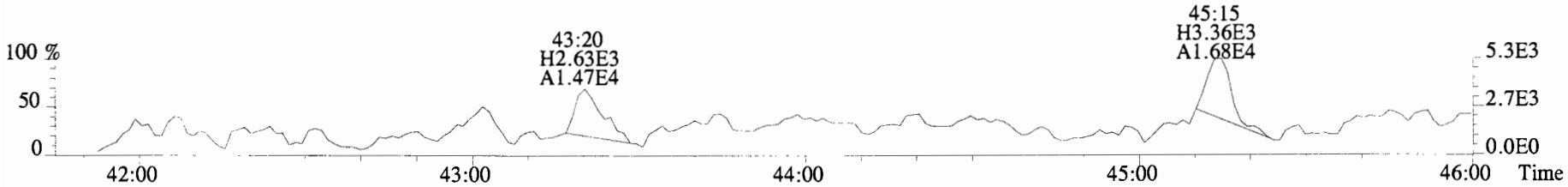
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



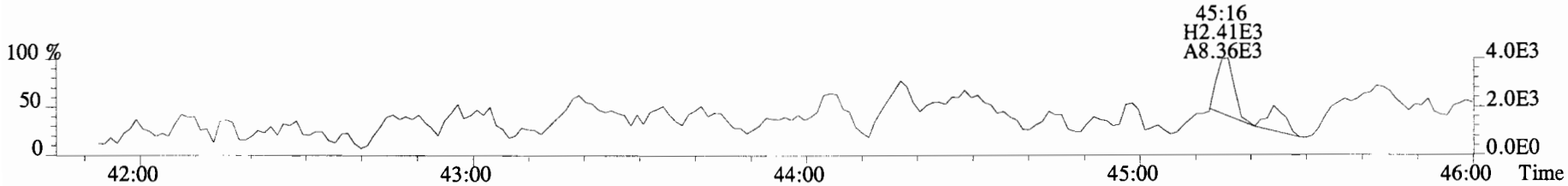
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2956.0,0.00%,F,F)



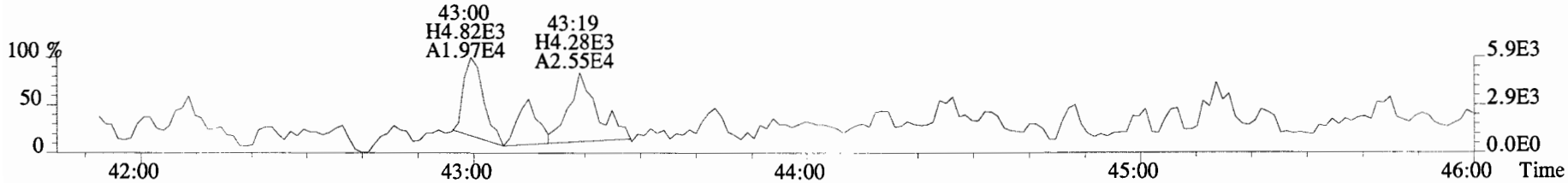
File:180409E1 #1-574 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2124.0,0.00%,F,F)



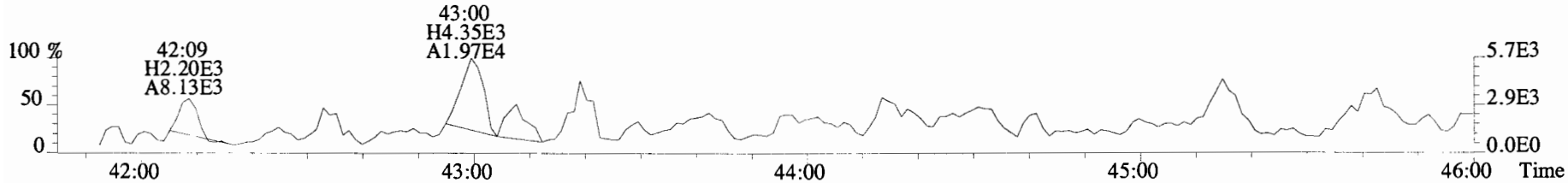
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



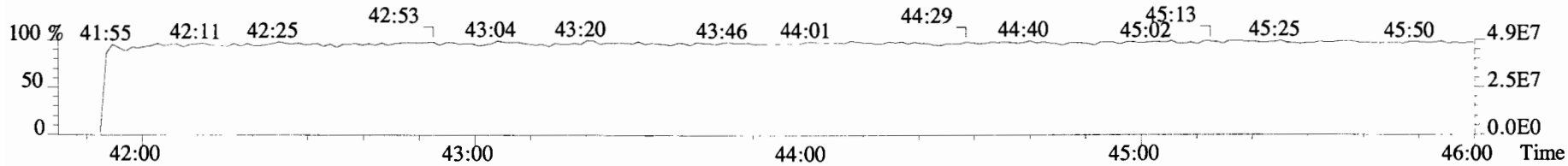
337.9207 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2276.0,0.00%,F,F)



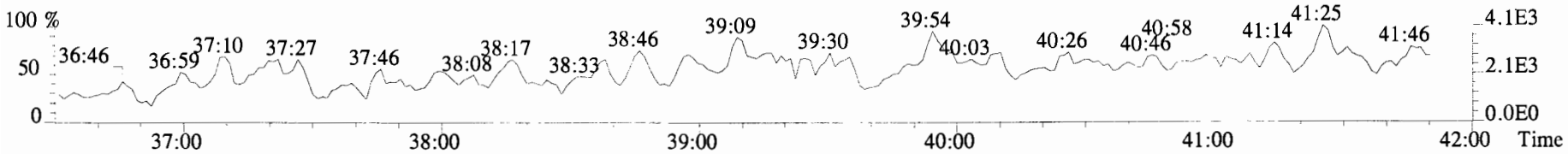
339.9177 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



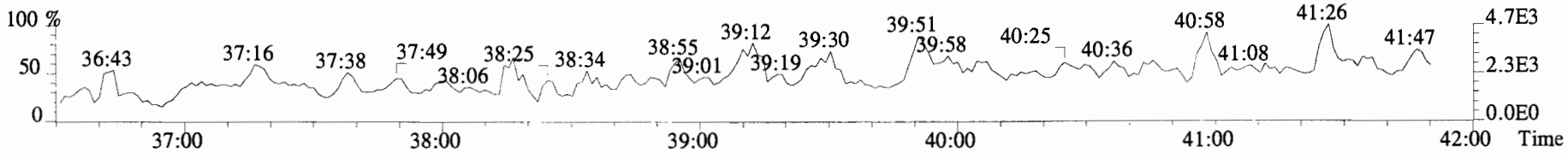
380.9760 S:3 F:4



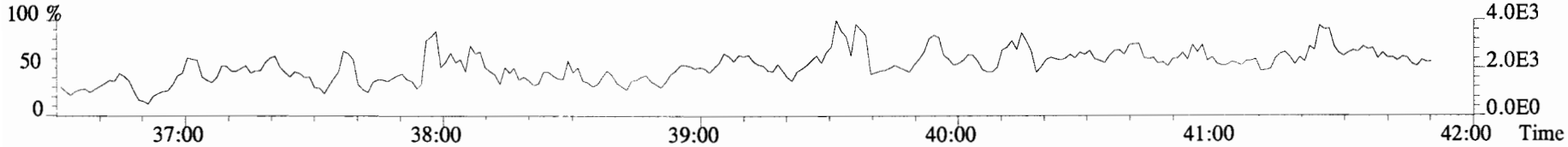
File:180409E1 #1-756 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2640.0,0.00%,F,F)



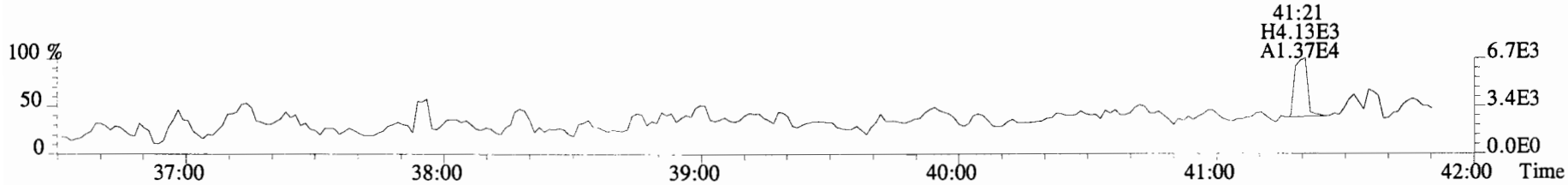
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2496.0,0.00%,F,F)



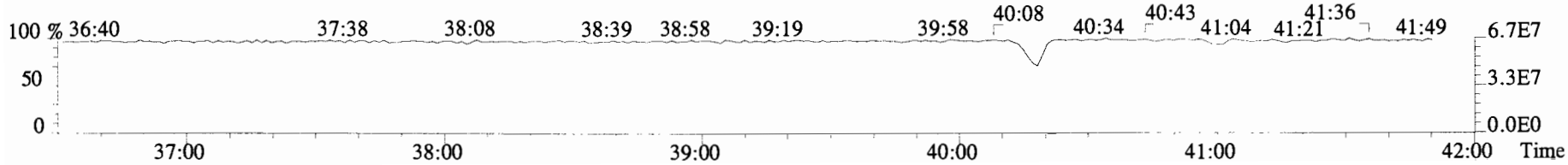
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2436.0,0.00%,F,F)



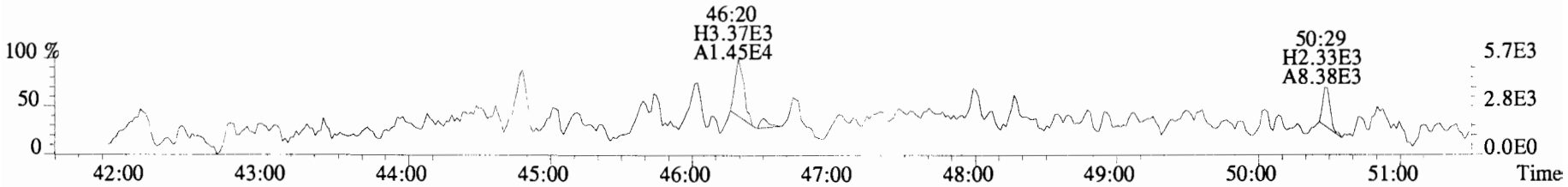
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2680.0,0.00%,F,F)



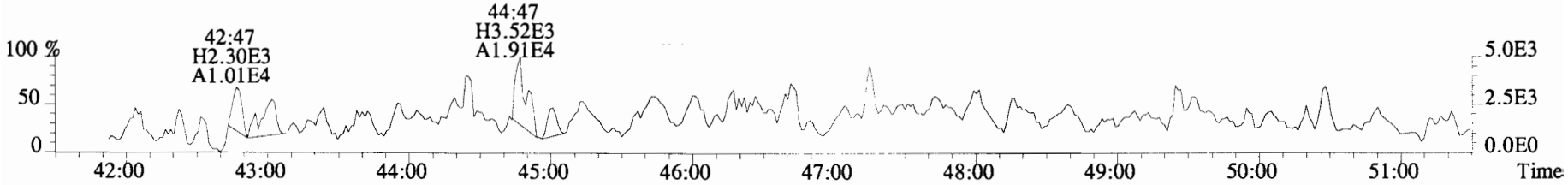
330.9792 S:3 F:3



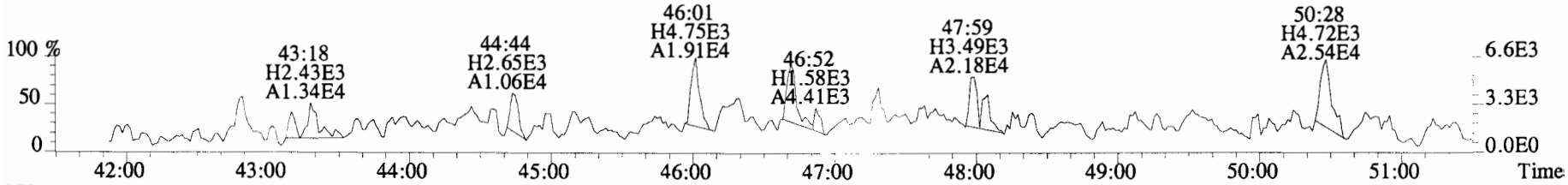
File:180409E1 #1-574 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2304.0,0.00%,F,F)



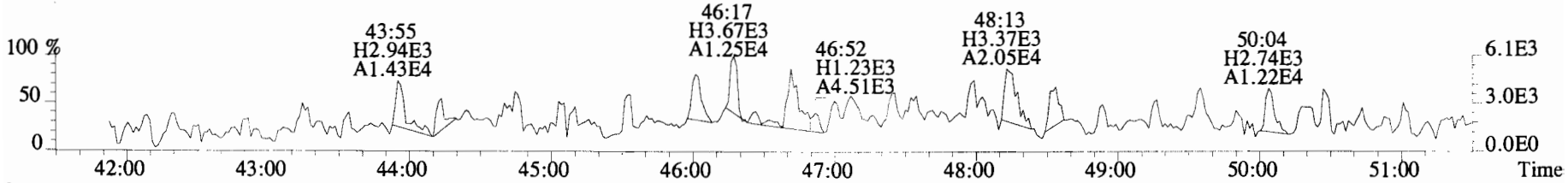
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2196.0,0.00%,F,F)



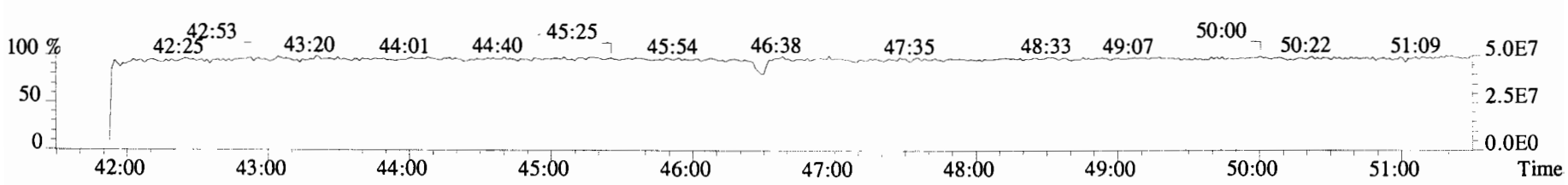
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



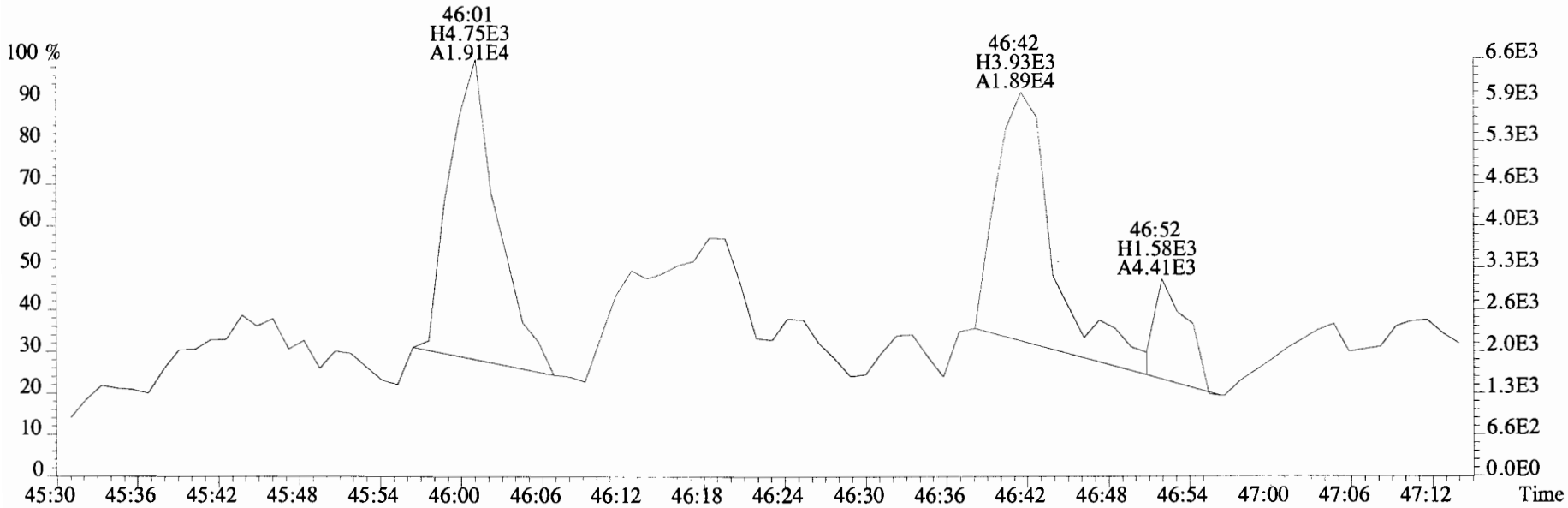
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



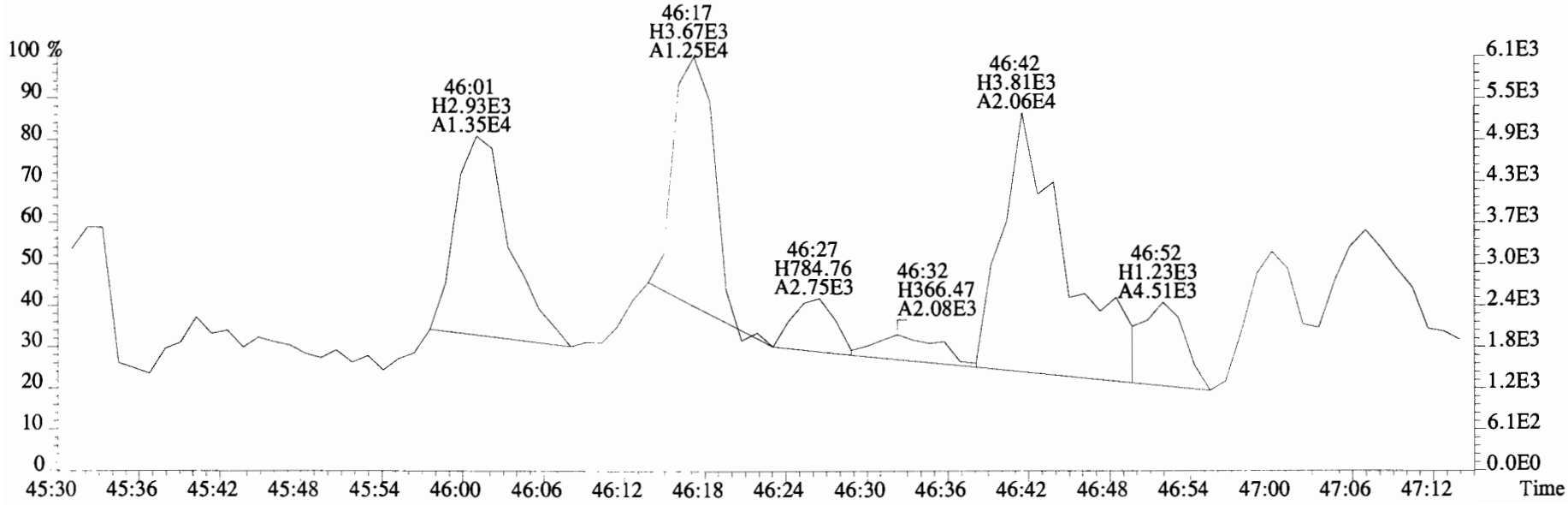
380.9760 S:3 F:4



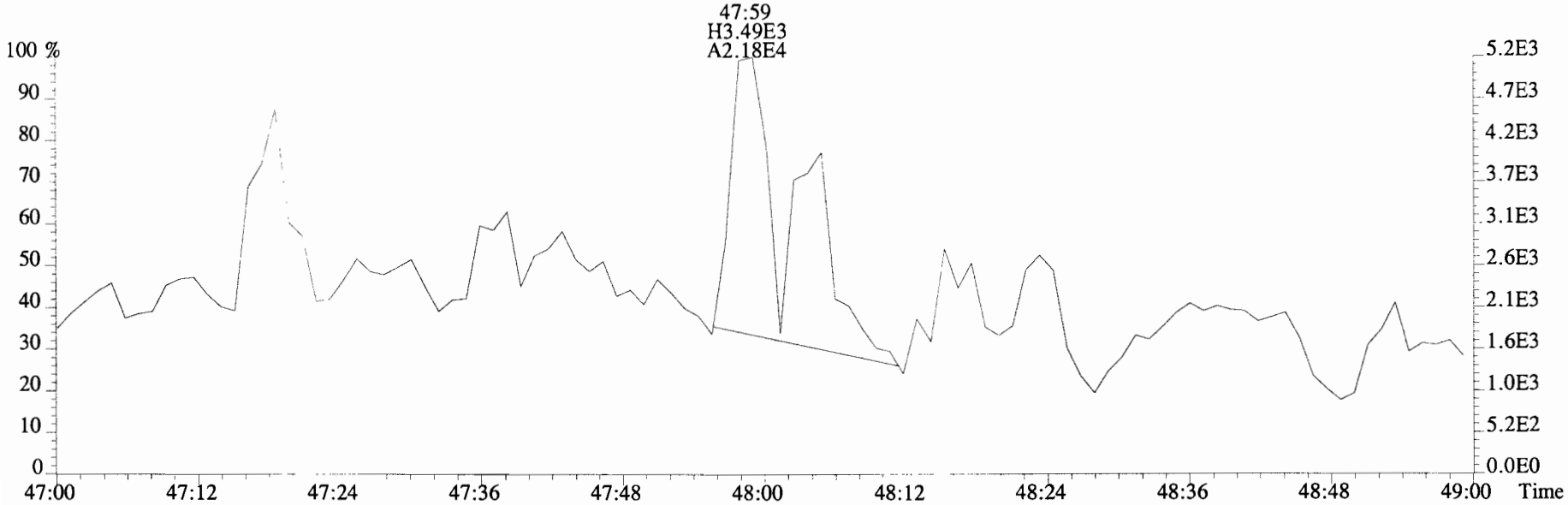
File:180409E1 #1-574 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



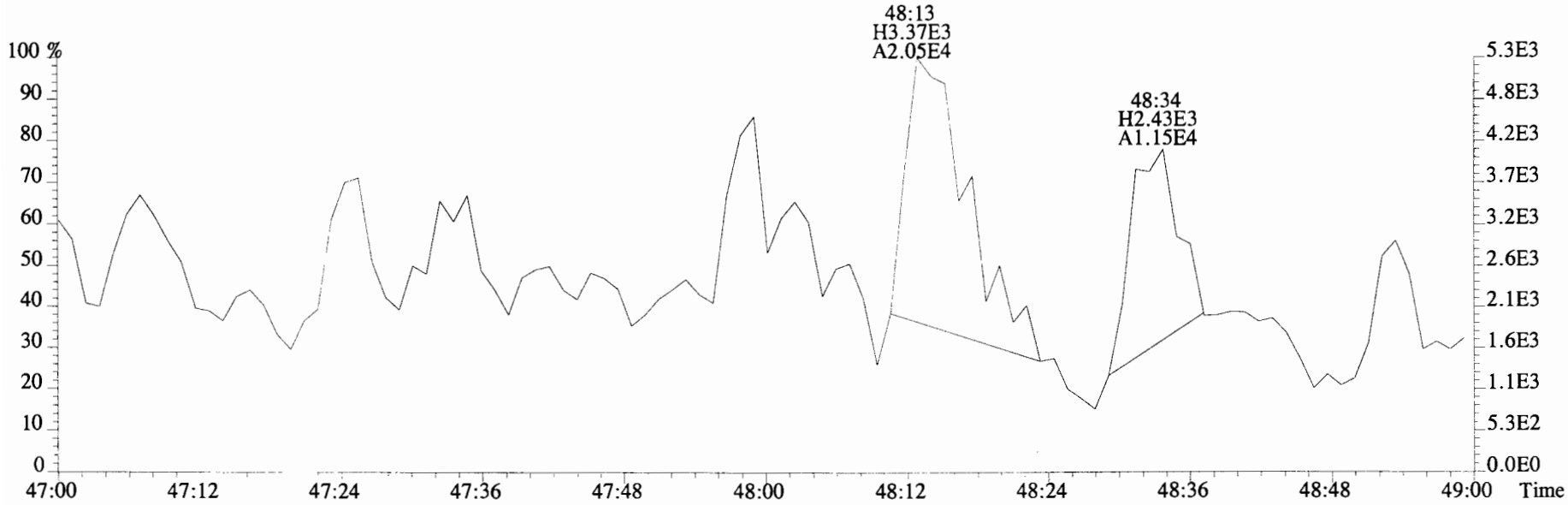
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



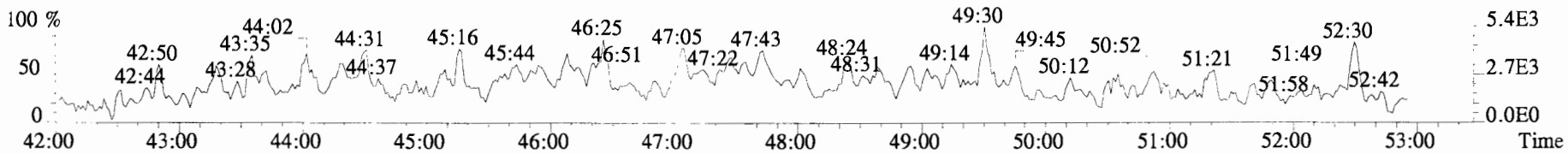
File:180409E1 #1-574 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



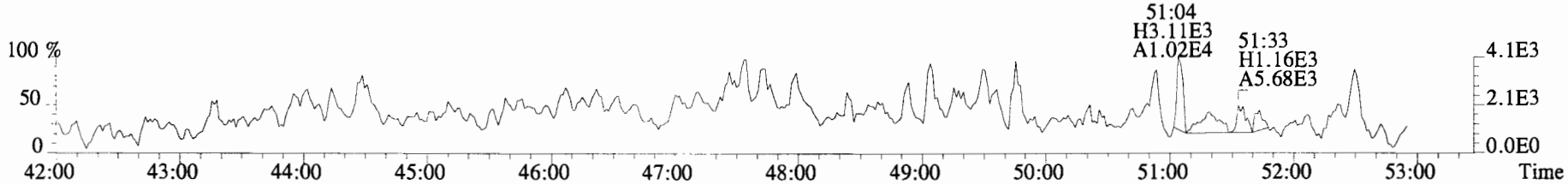
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



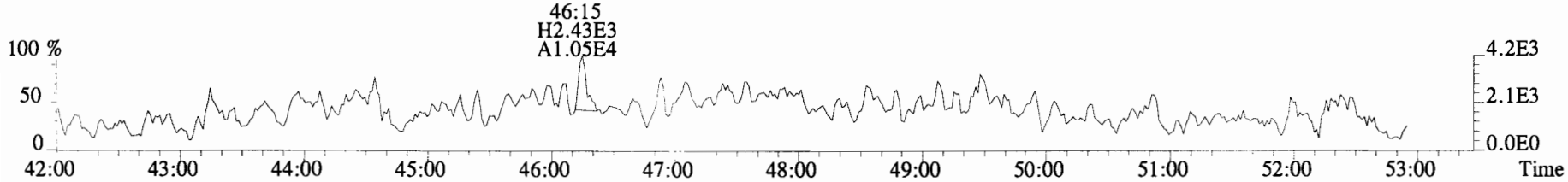
File:180409E1 #1-574 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



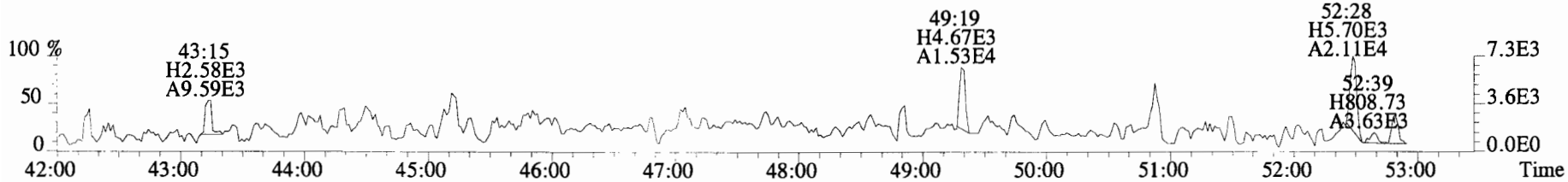
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



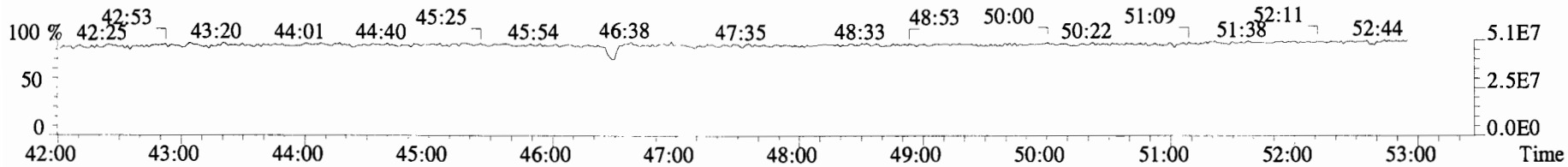
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



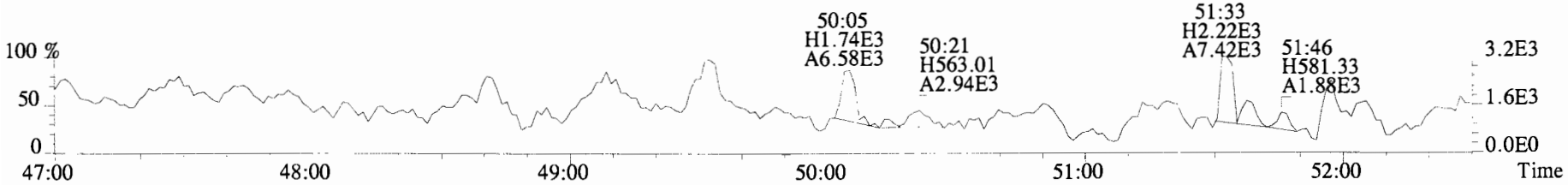
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



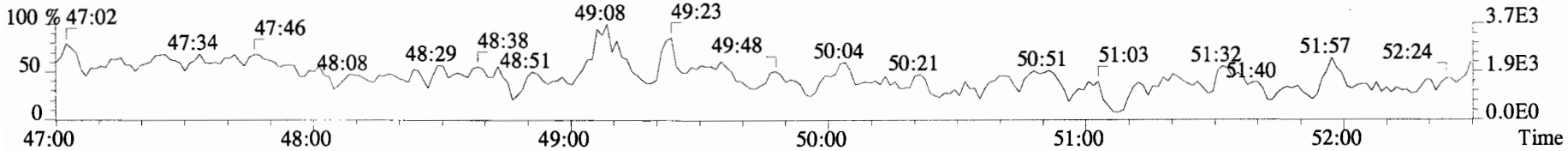
380.9760 S:3 F:4



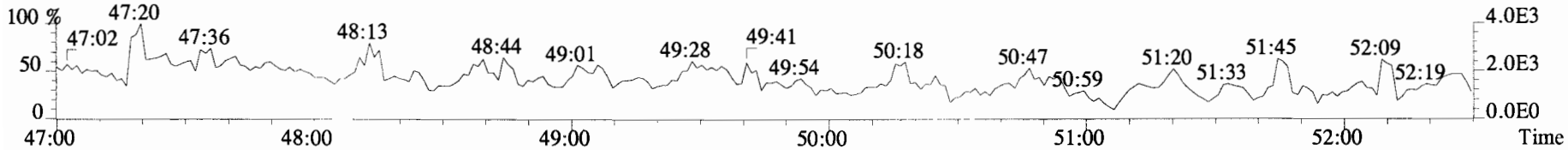
File:180409E1 #1-574 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



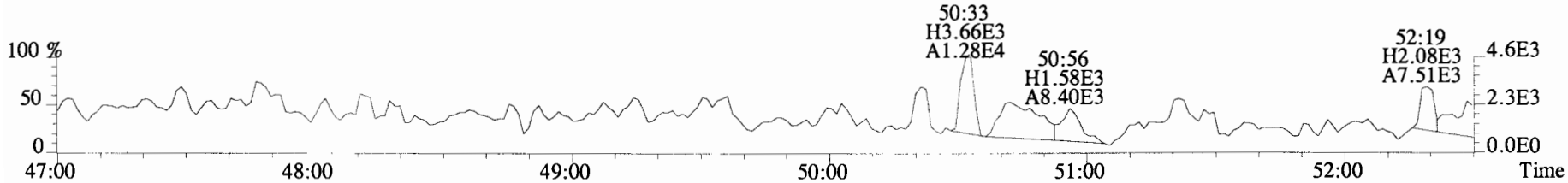
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



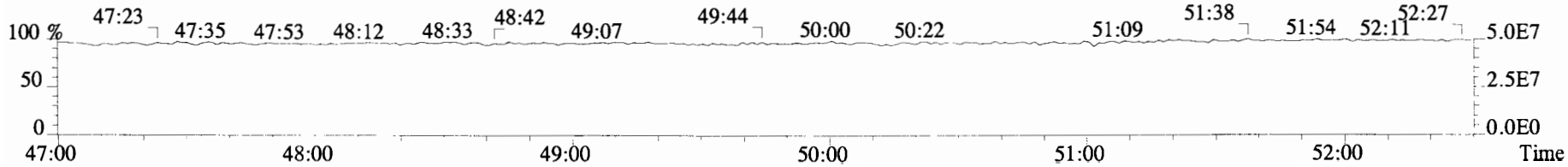
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



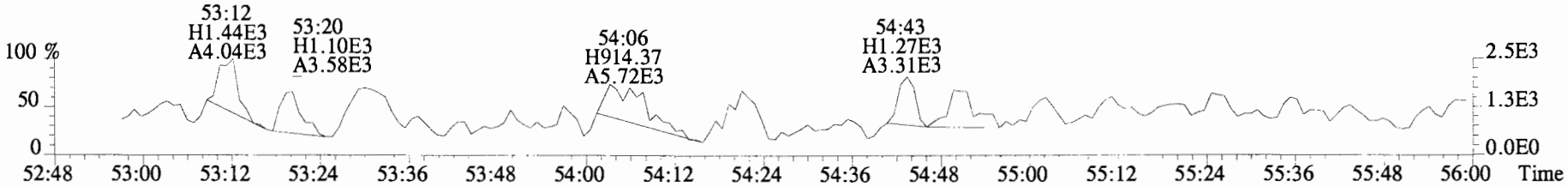
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2160.0,0.00%,F,F)



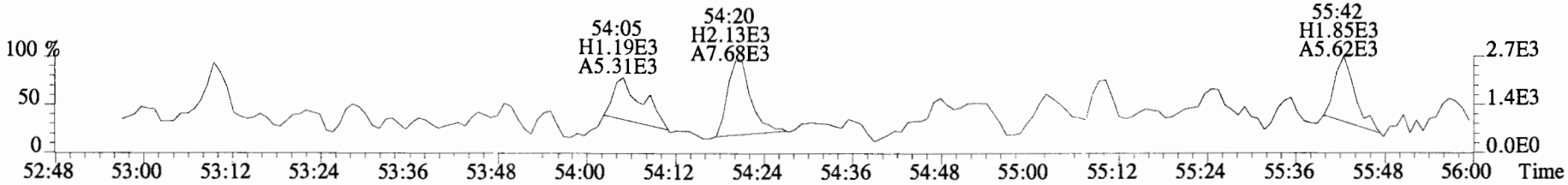
380.9760 S:3 F:4



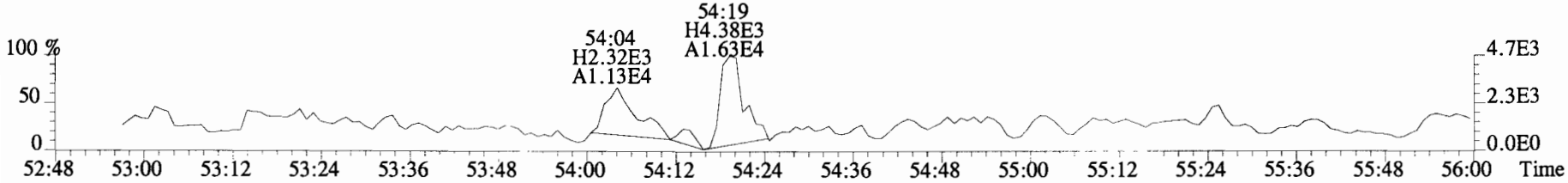
File:180409E1 #1-407 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1272.0,0.00%,F,F)



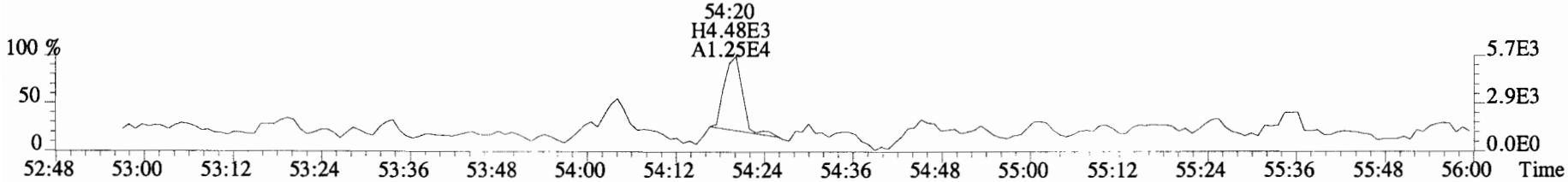
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1236.0,0.00%,F,F)



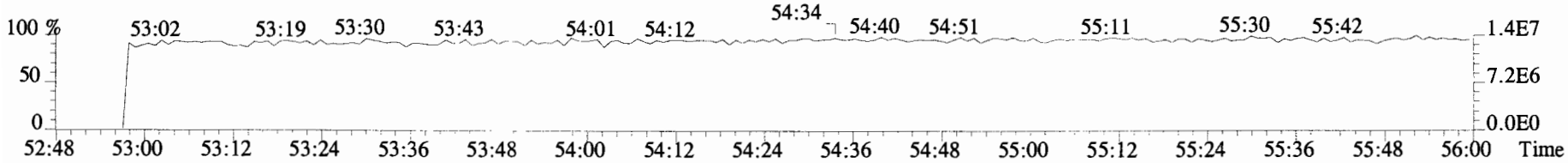
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



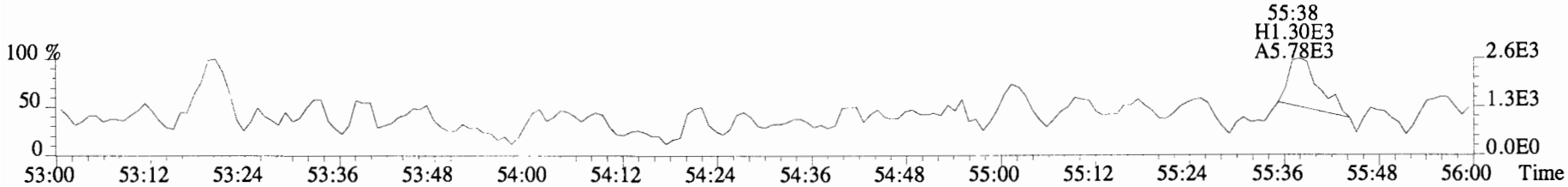
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1480.0,0.00%,F,F)



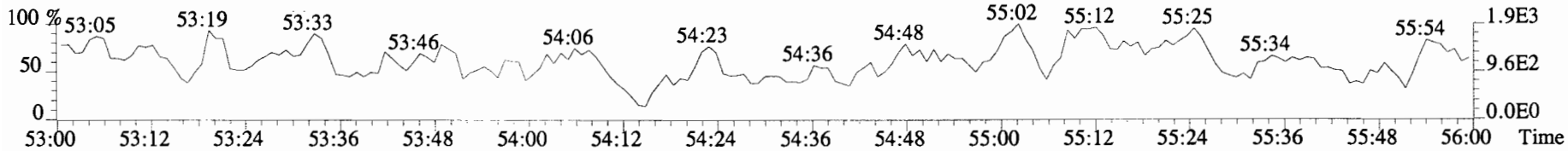
492.9697 S:3 F:5



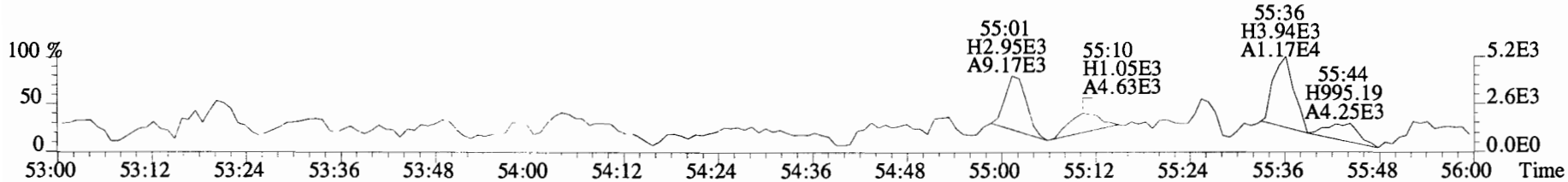
File:180409E1 #1-407 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1304.0,0.00%,F,F)



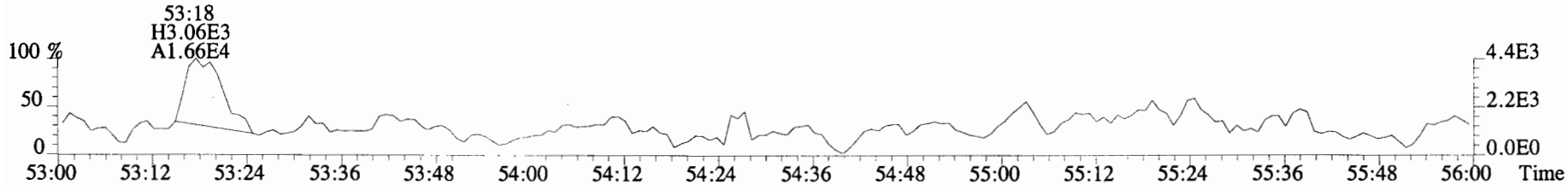
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



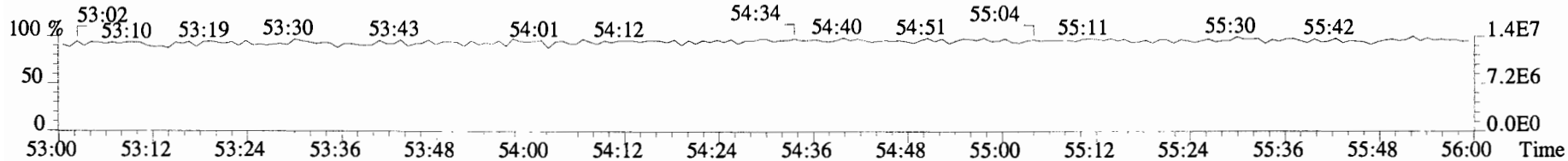
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



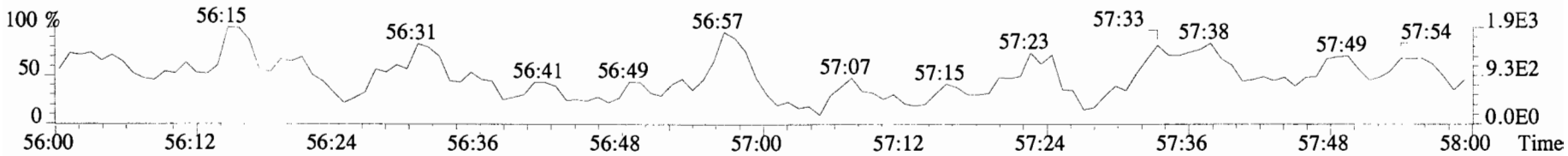
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



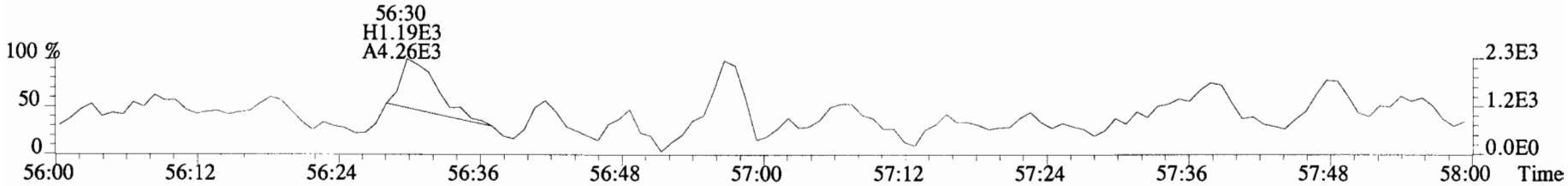
492.9697 S:3 F:5



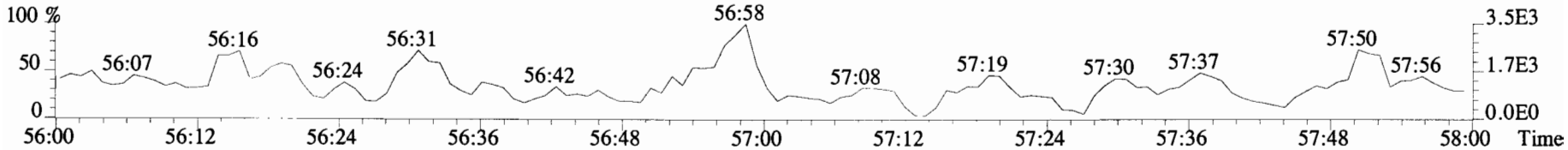
File:180409E1 #1-407 Acq: 9-APR-2018 19:43:58 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



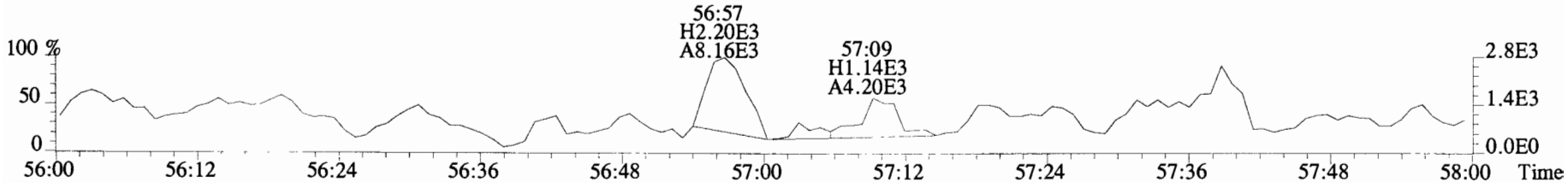
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1352.0,0.00%,F,F)



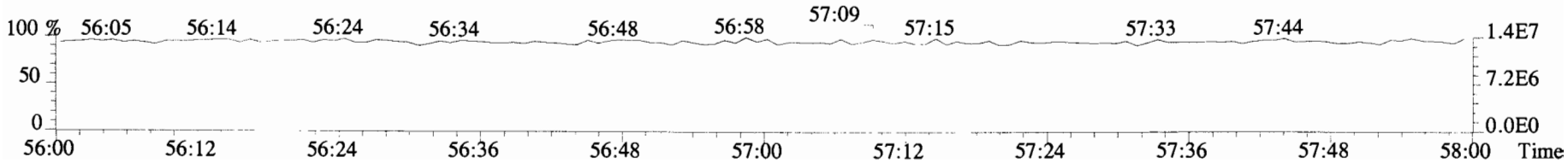
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1736.0,0.00%,F,F)



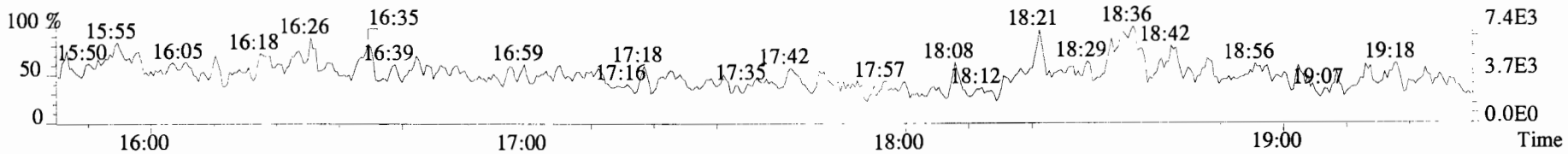
511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1452.0,0.00%,F,F)



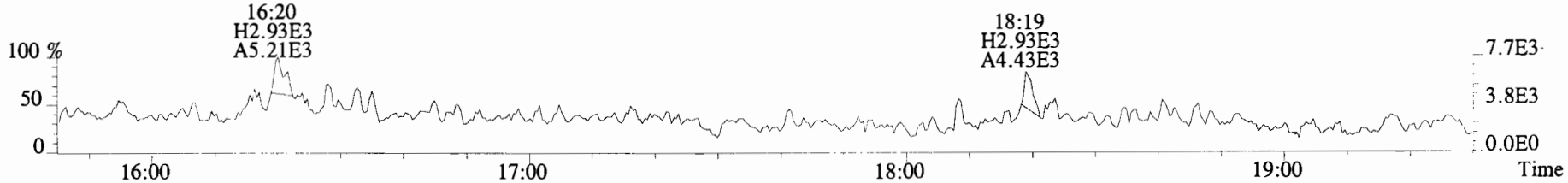
492.9697 S:3 F:5



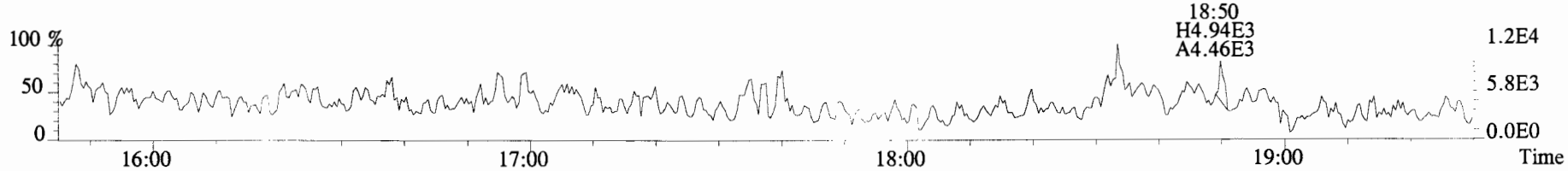
File:180409E2 #1-867 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4852.0,0.00%,F,F)



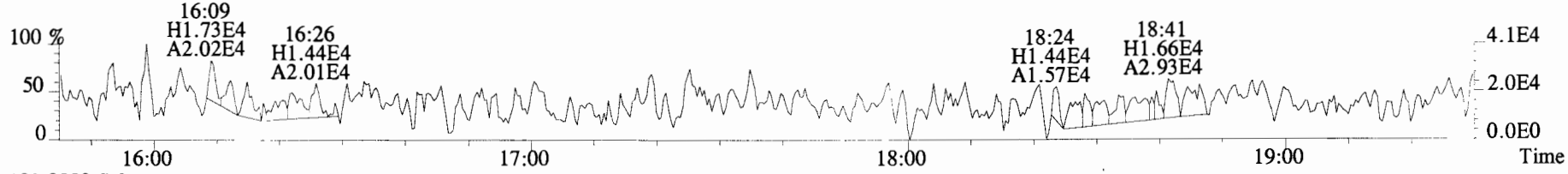
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



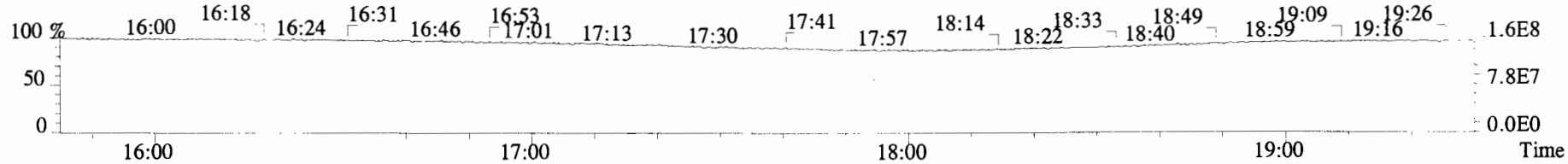
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5548.0,0.00%,F,F)



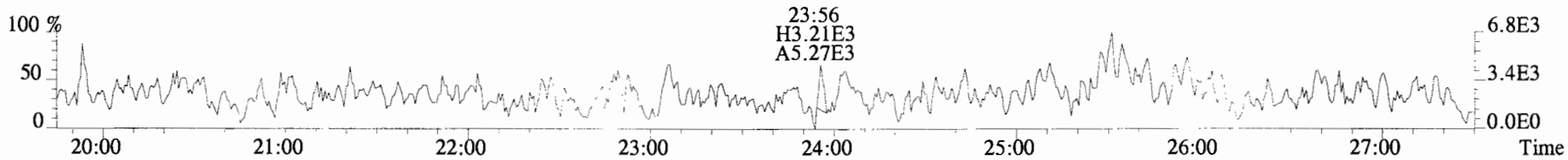
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20900.0,0.00%,F,F)



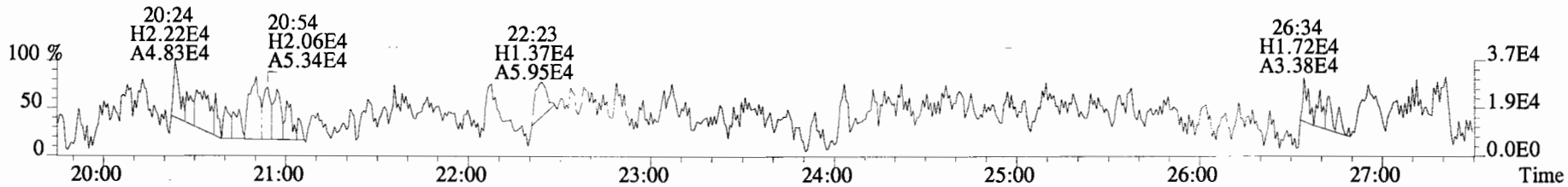
180.9880 S:2



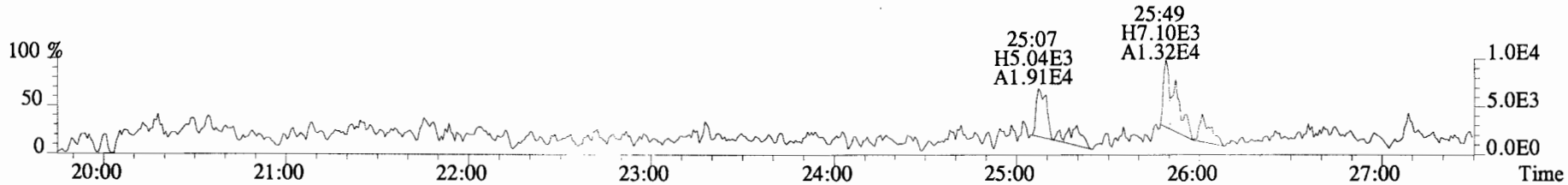
File:180409E2 #1-757 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3120.0,0.00%,F,F)



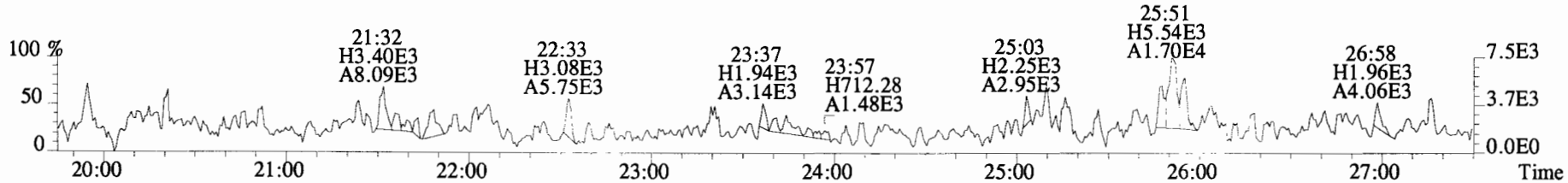
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21296.0,0.00%,F,F)



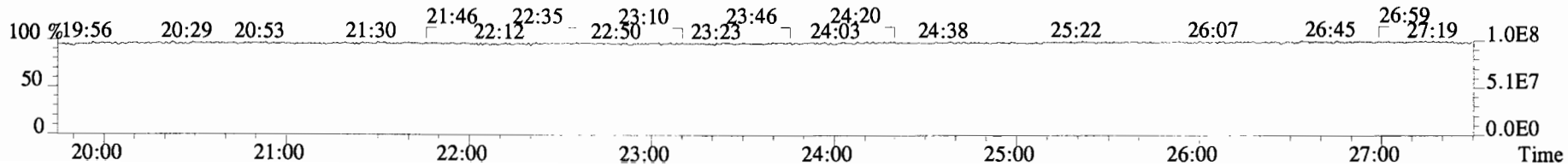
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



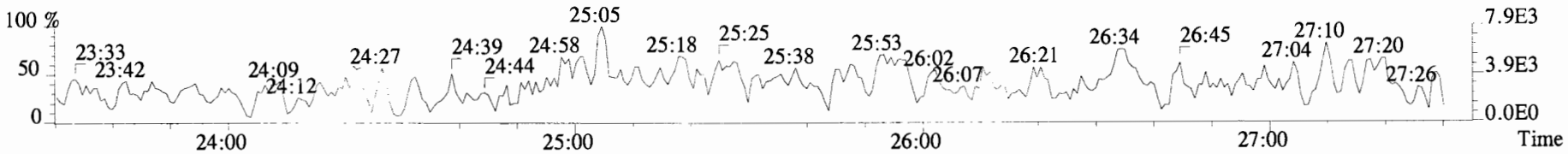
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2412.0,0.00%,F,F)



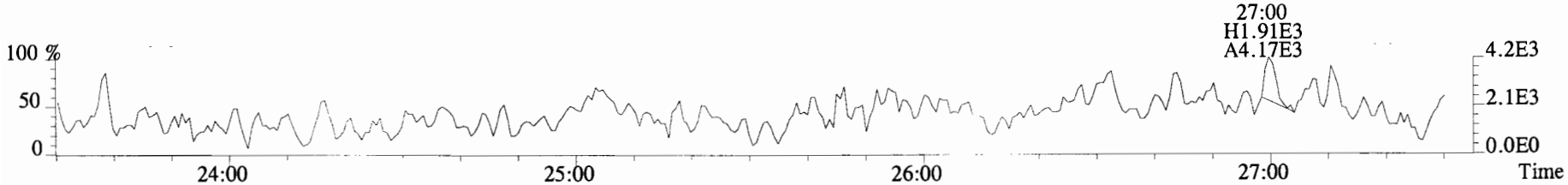
230.9856 S:2 F:2



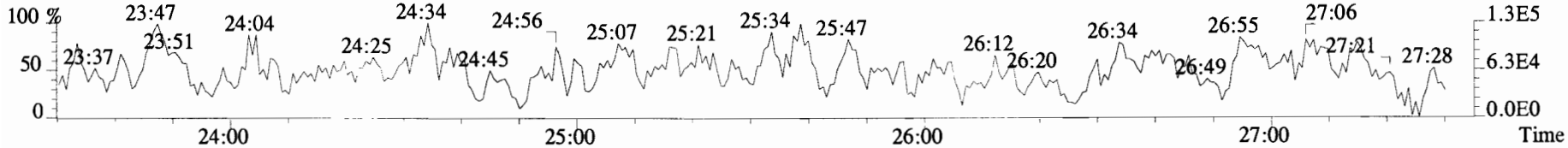
File:180409E2 #1-757 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3908.0,0.00%,F,F)



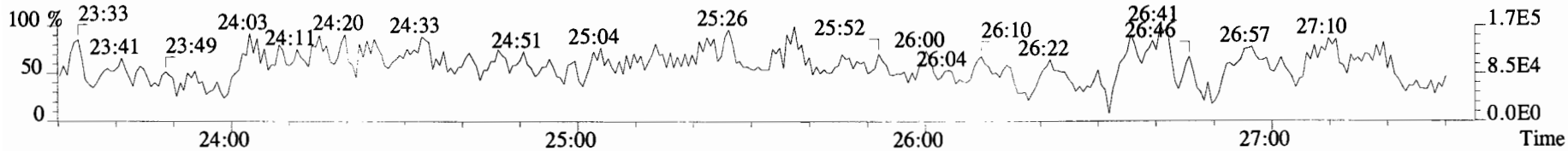
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2268.0,0.00%,F,F)



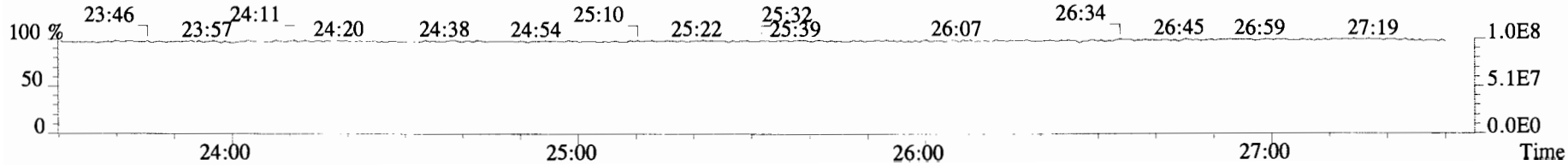
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83316.0,0.00%,F,F)



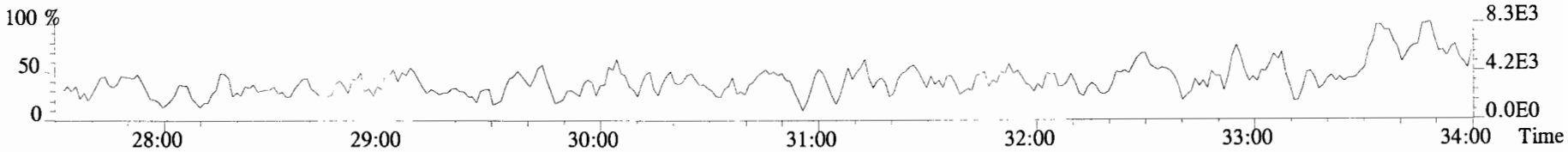
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,128652.0,0.00%,F,F)



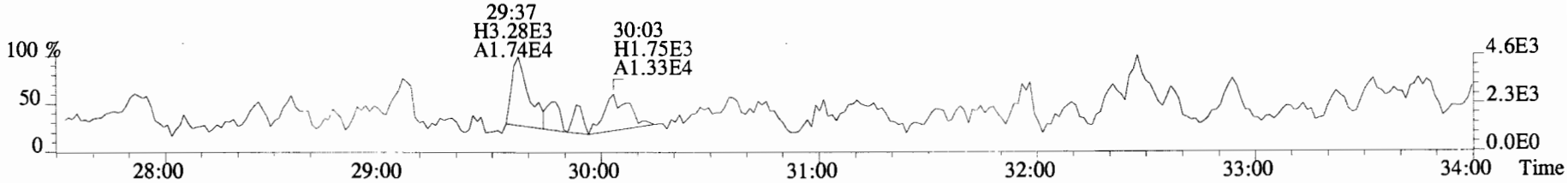
230.9856 S:2 F:2



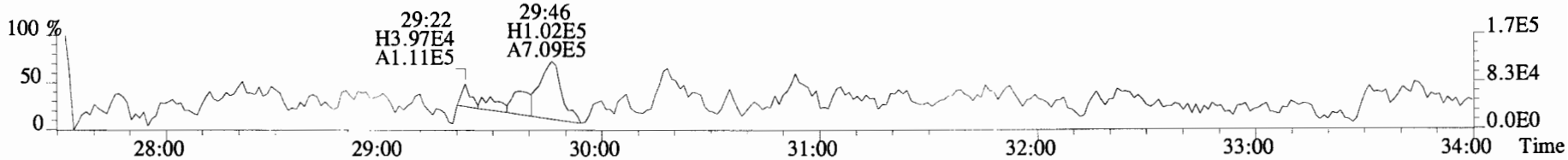
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4544.0,0.00%,F,F)



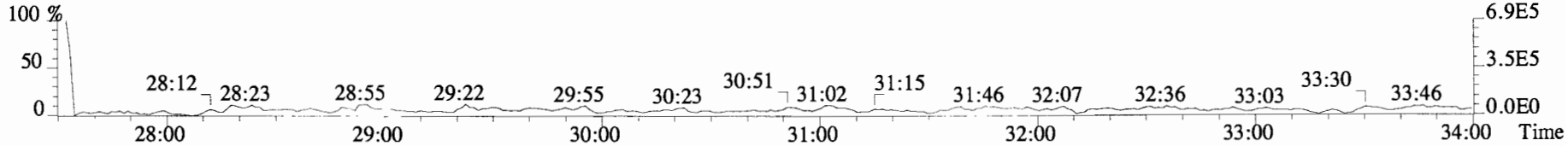
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2724.0,0.00%,F,F)



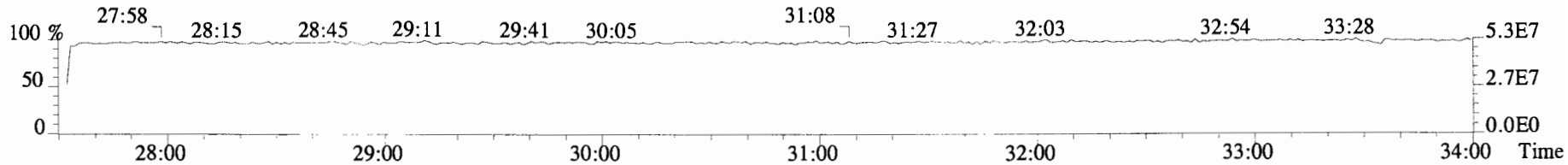
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,61824.0,0.00%,F,F)



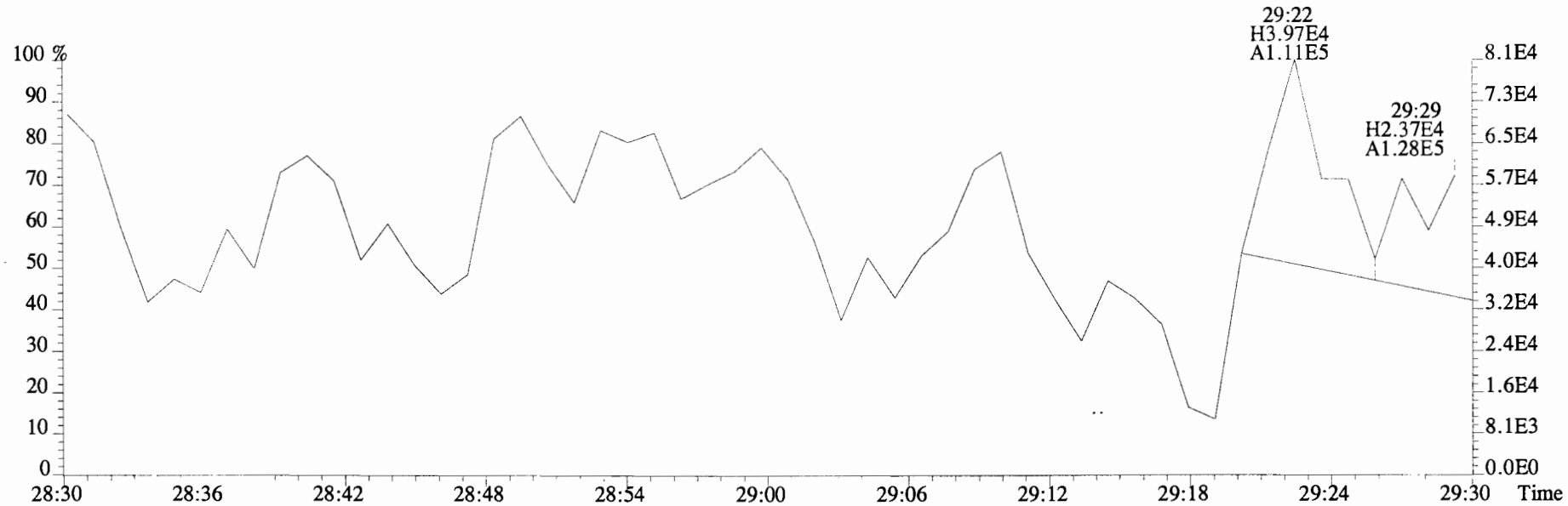
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,51720.0,0.00%,F,F)



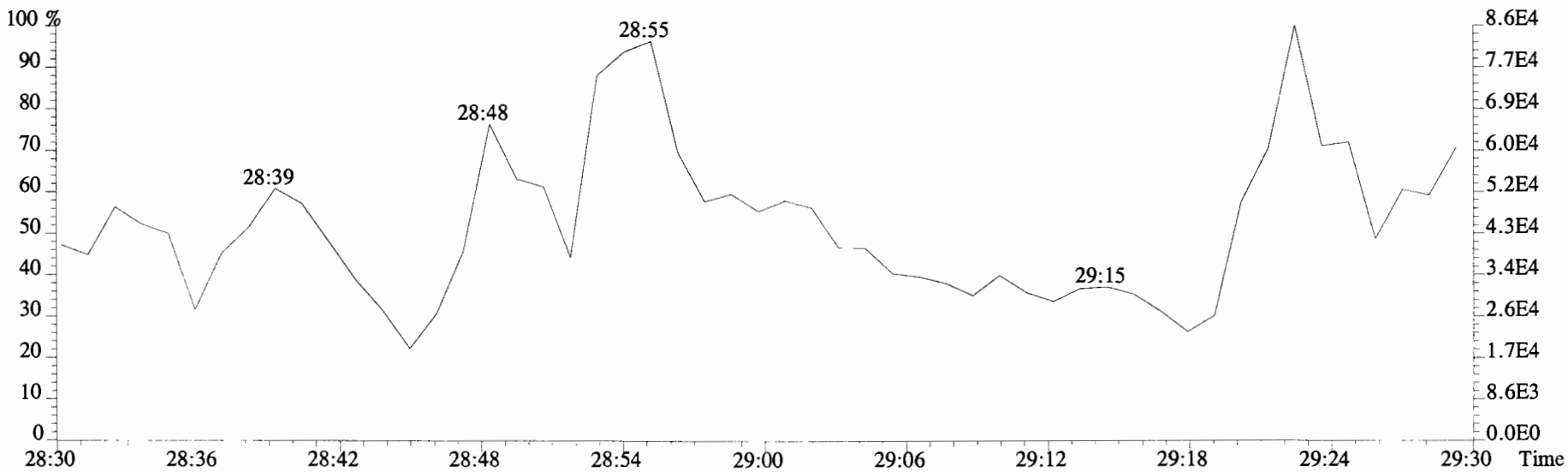
330.9792 S:2 F:3



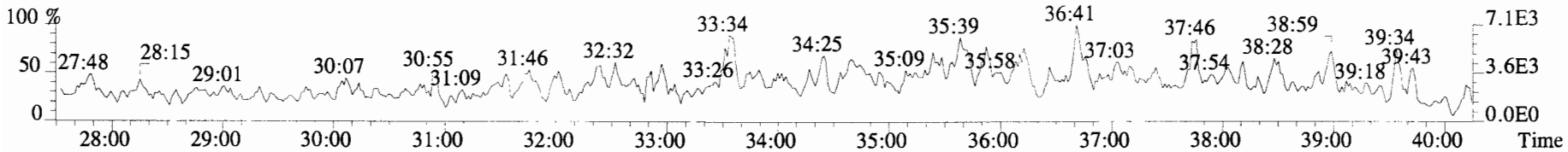
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,61824.0,0.00%,F,F)



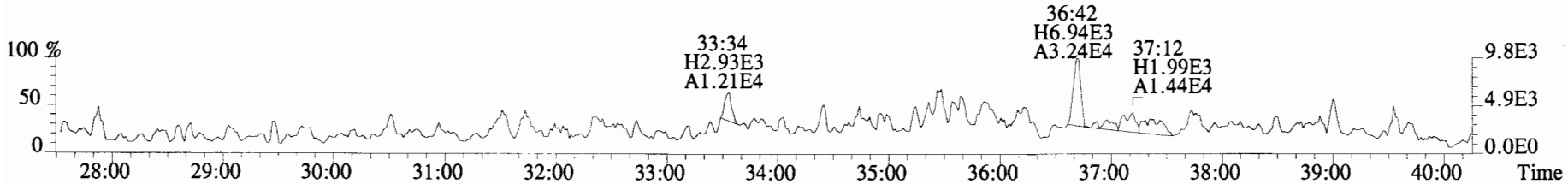
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,51720.0,0.00%,F,F)



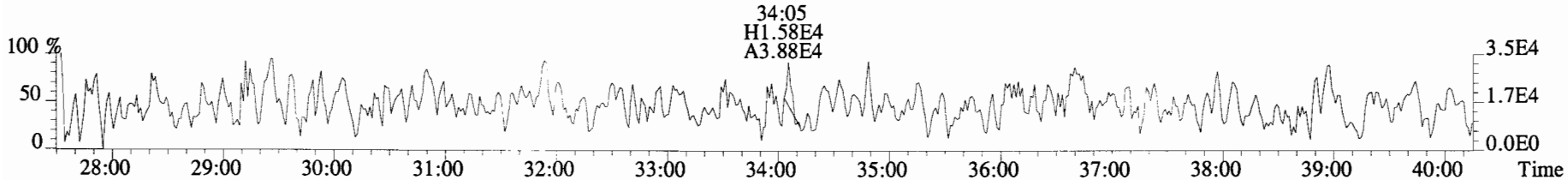
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3292.0,0.00%,F,F)



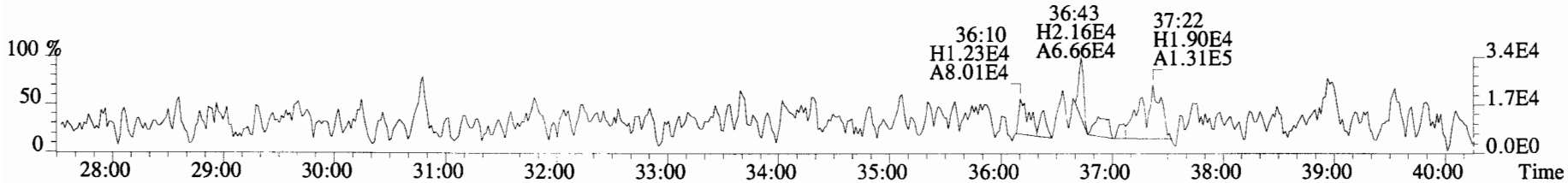
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



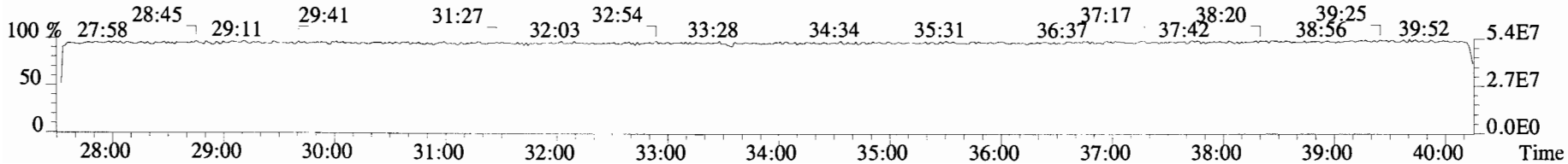
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21592.0,0.00%,F,F)



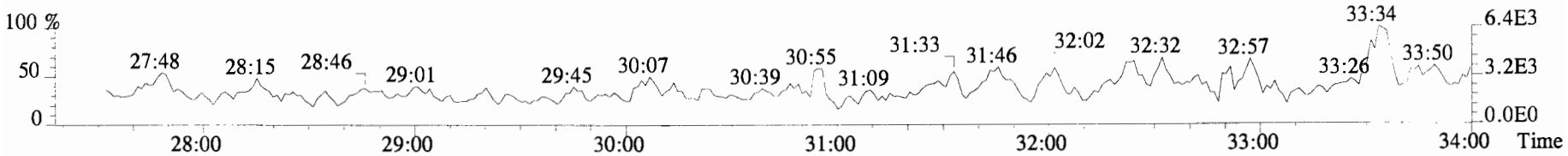
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14280.0,0.00%,F,F)



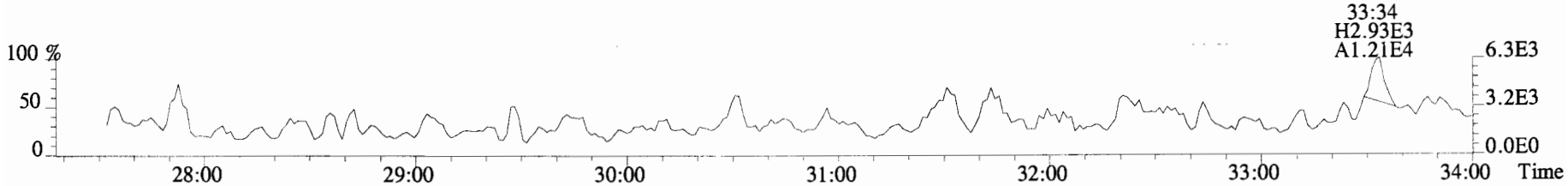
330.9792 S:2 F:3



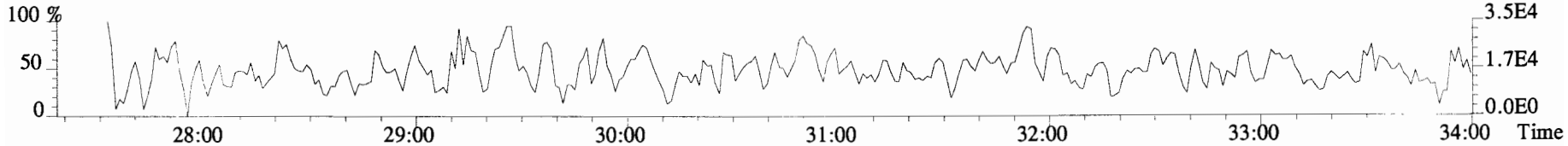
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3292.0,0.00%,F,F)



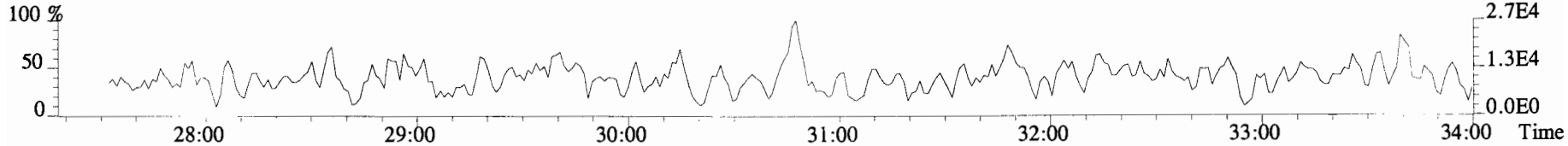
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



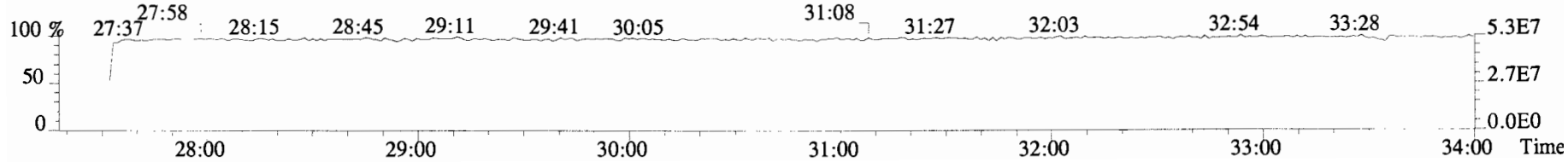
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21592.0,0.00%,F,F)



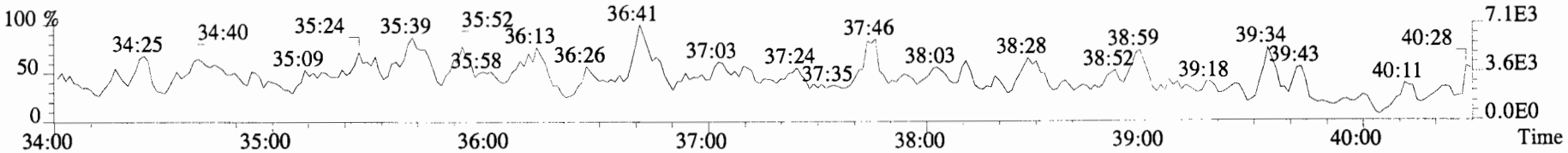
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14280.0,0.00%,F,F)



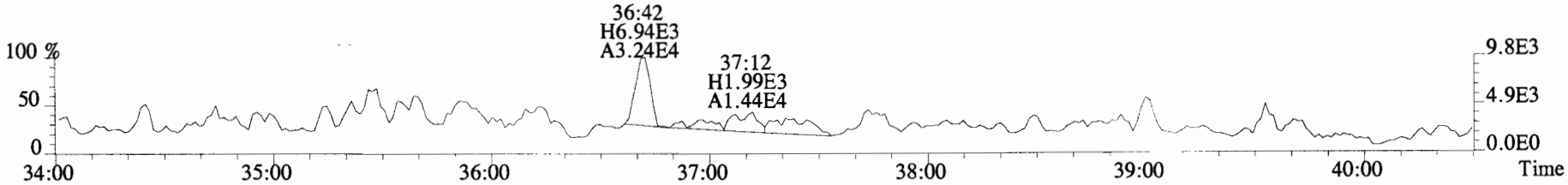
330.9792 S:2 F:3



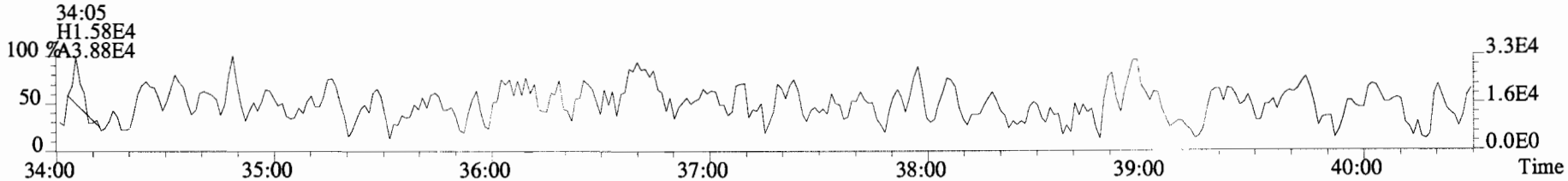
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3292.0,0.00%,F,F)



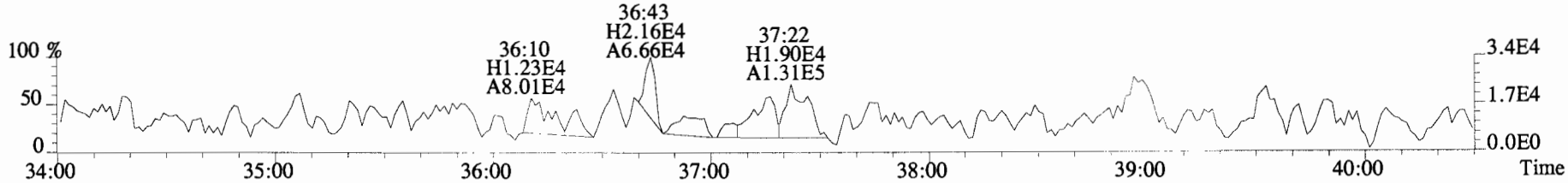
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



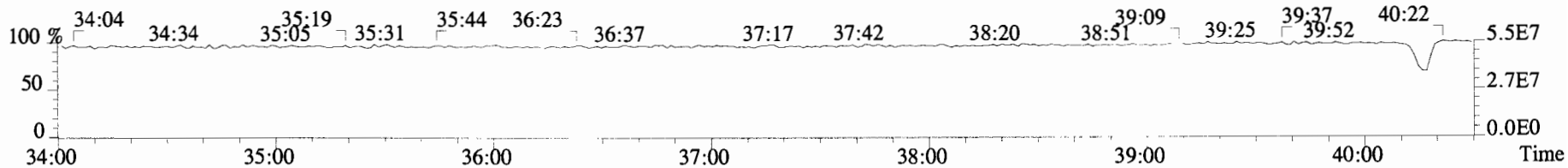
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21592.0,0.00%,F,F)



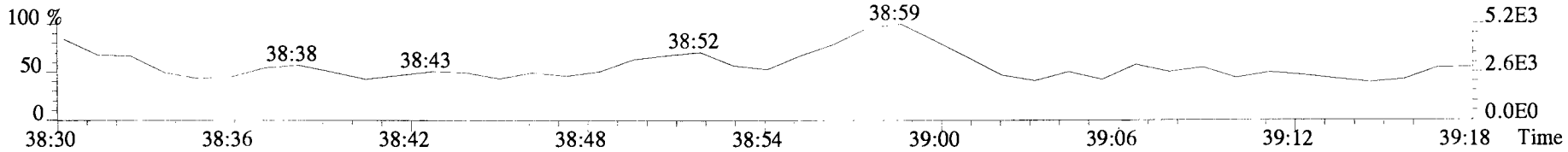
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14280.0,0.00%,F,F)



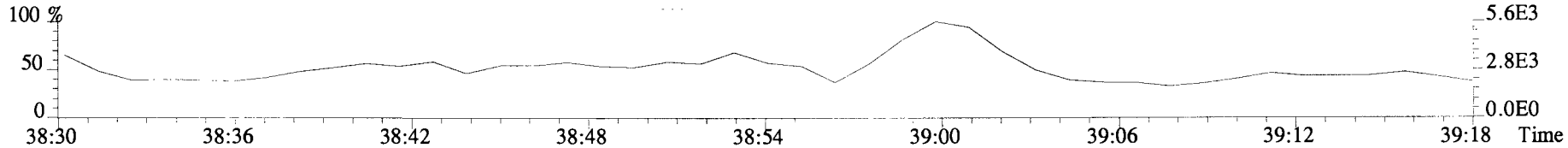
330.9792 S:2 F:3



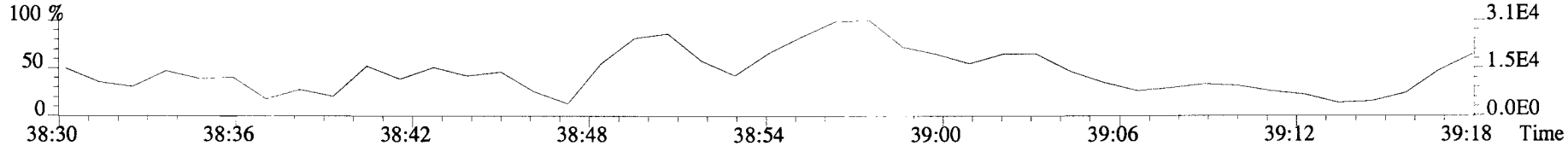
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3292.0,0.00%,F,F)



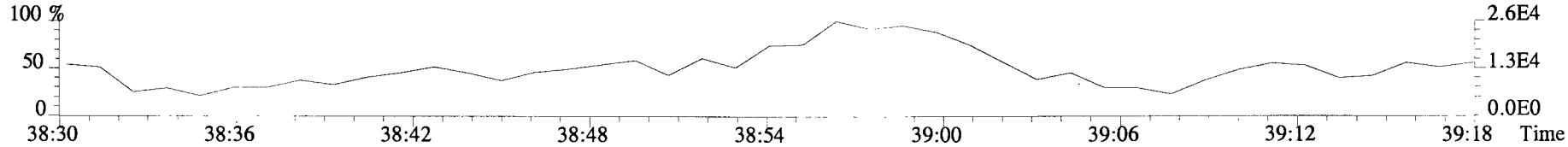
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



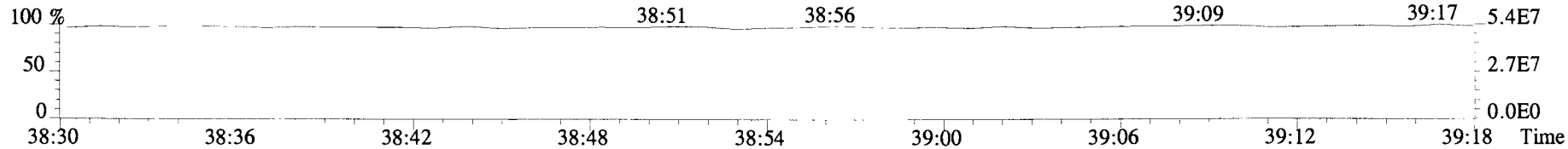
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21592.0,0.00%,F,F)



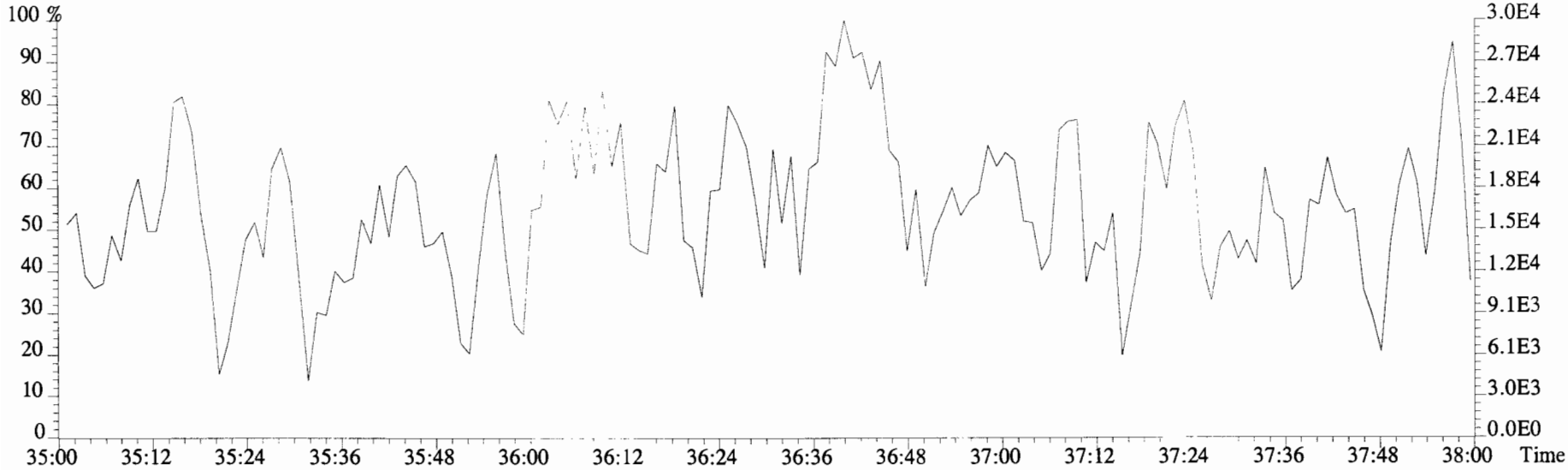
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14280.0,0.00%,F,F)



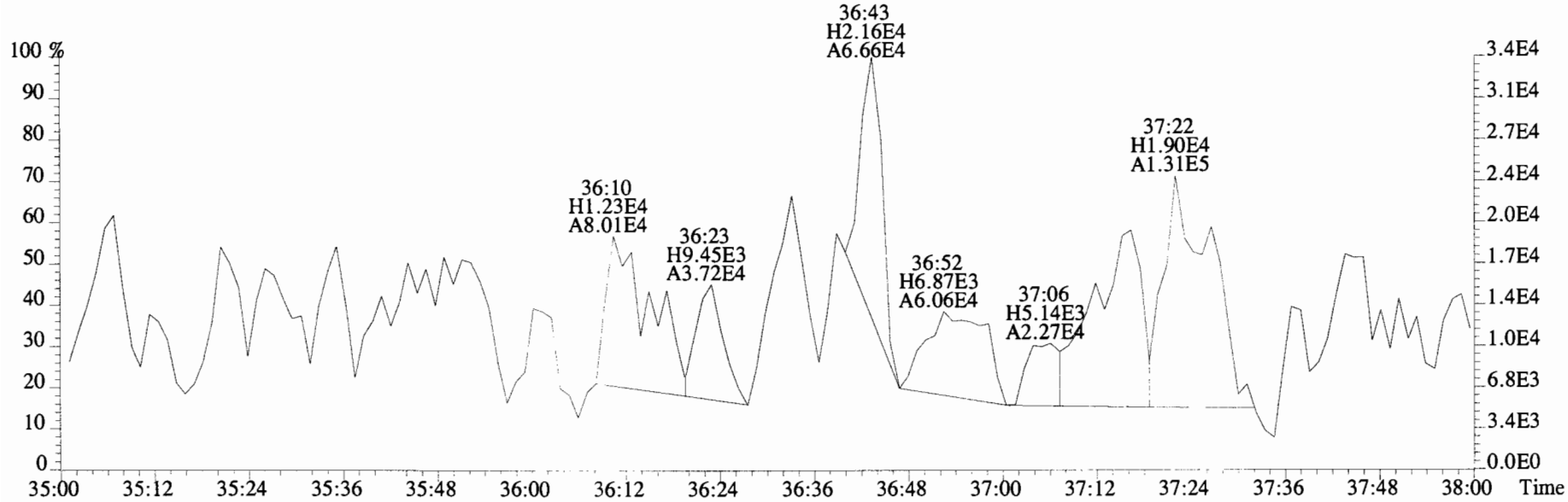
330.9792 S:2 F:3



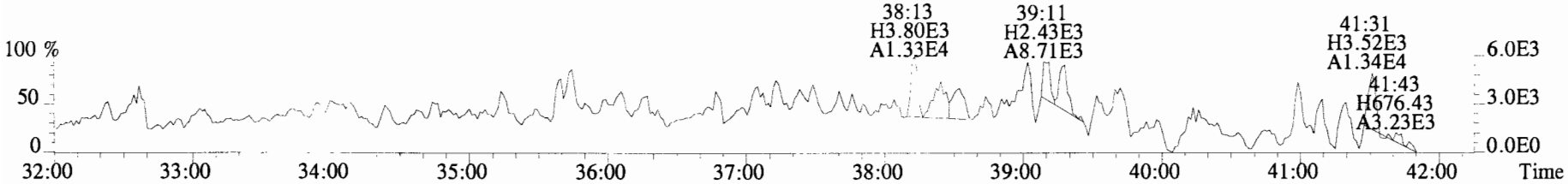
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21592.0,0.00%,F,F)



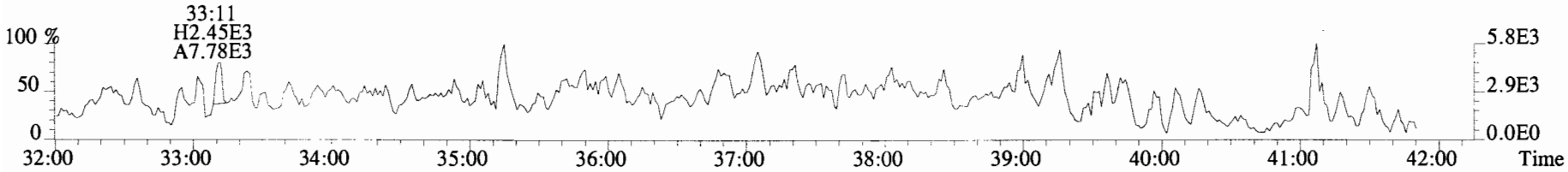
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14280.0,0.00%,F,F)



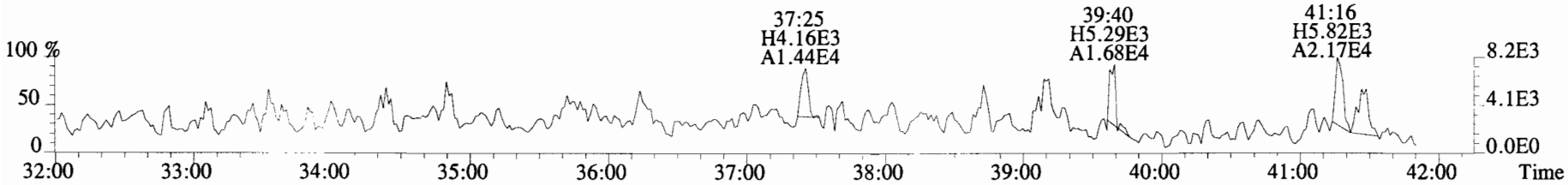
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3024.0,0.00%,F,F)



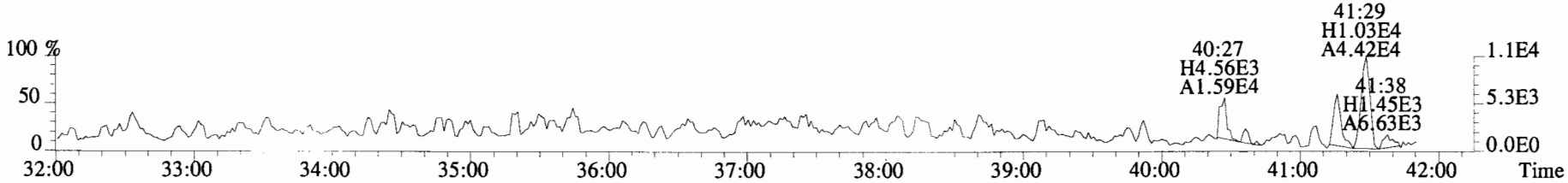
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3108.0,0.00%,F,F)



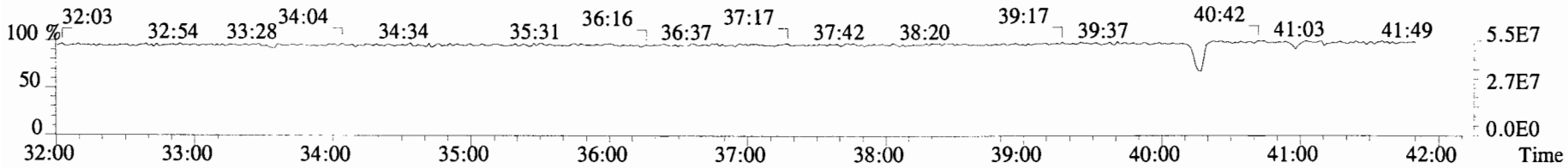
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



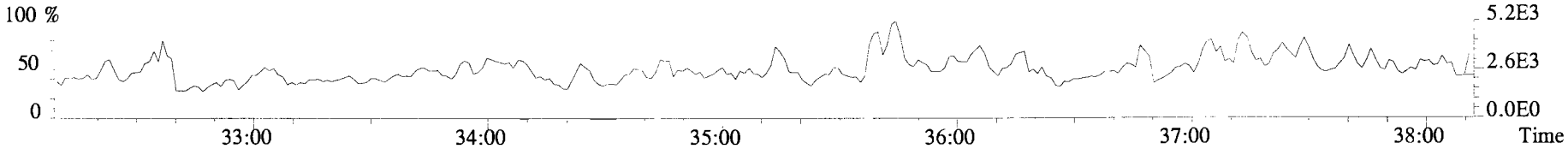
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2488.0,0.00%,F,F)



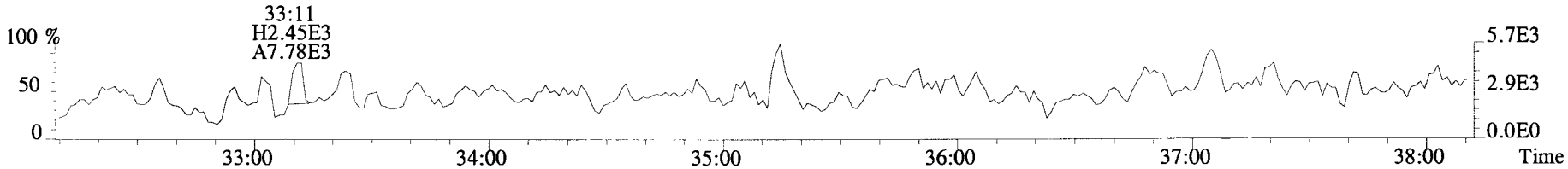
330.9792 S:2 F:3



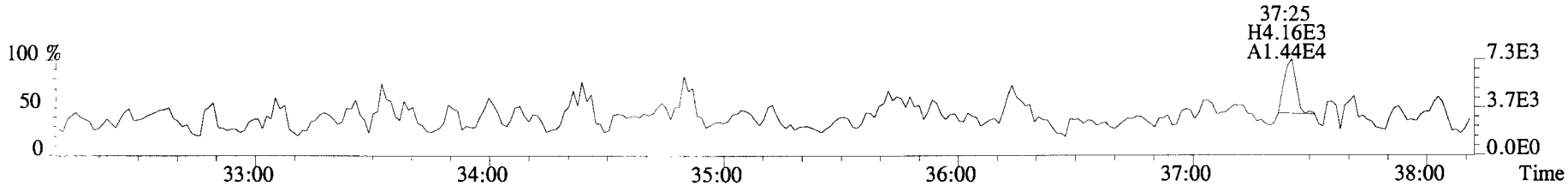
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3024.0,0.00%,F,F)



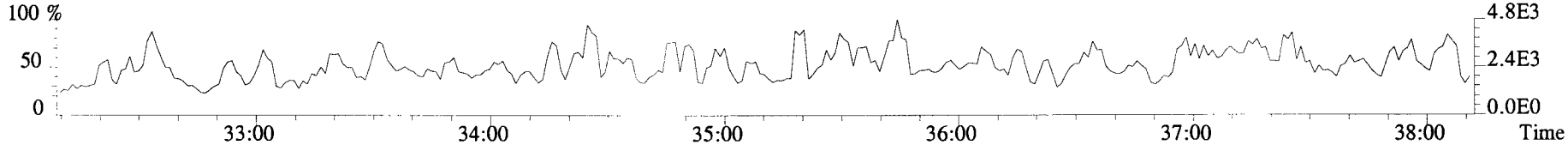
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3108.0,0.00%,F,F)



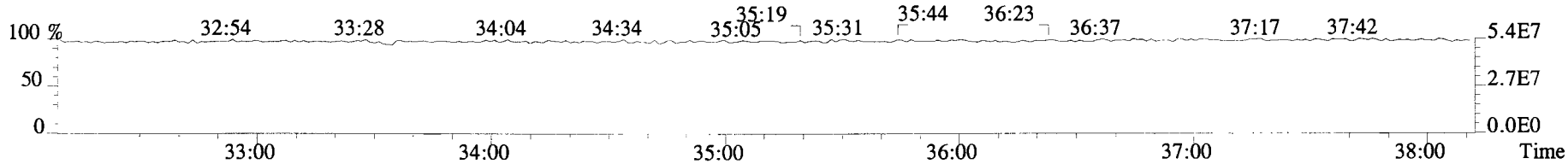
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



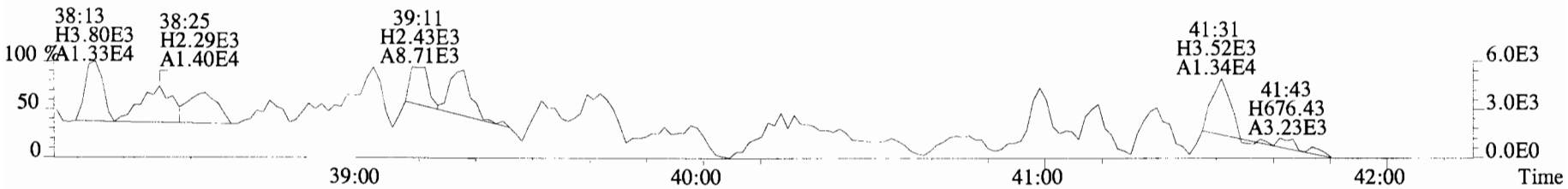
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2488.0,0.00%,F,F)



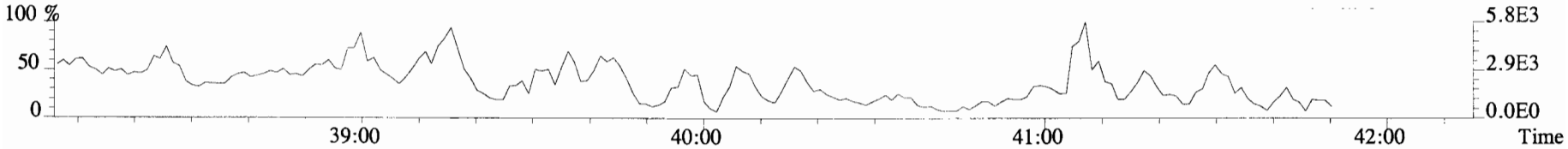
330.9792 S:2 F:3



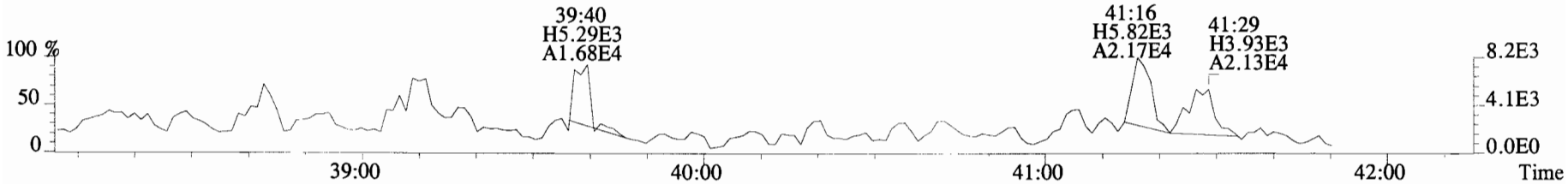
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3024.0,0.00%,F,F)



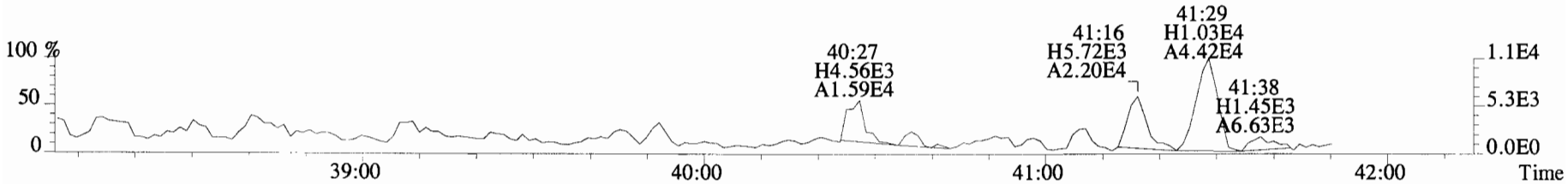
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3108.0,0.00%,F,F)



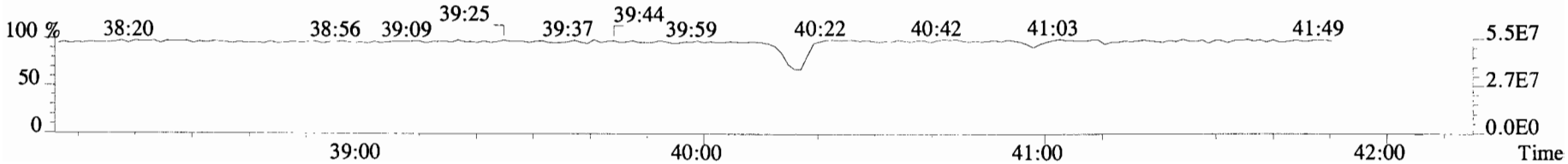
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



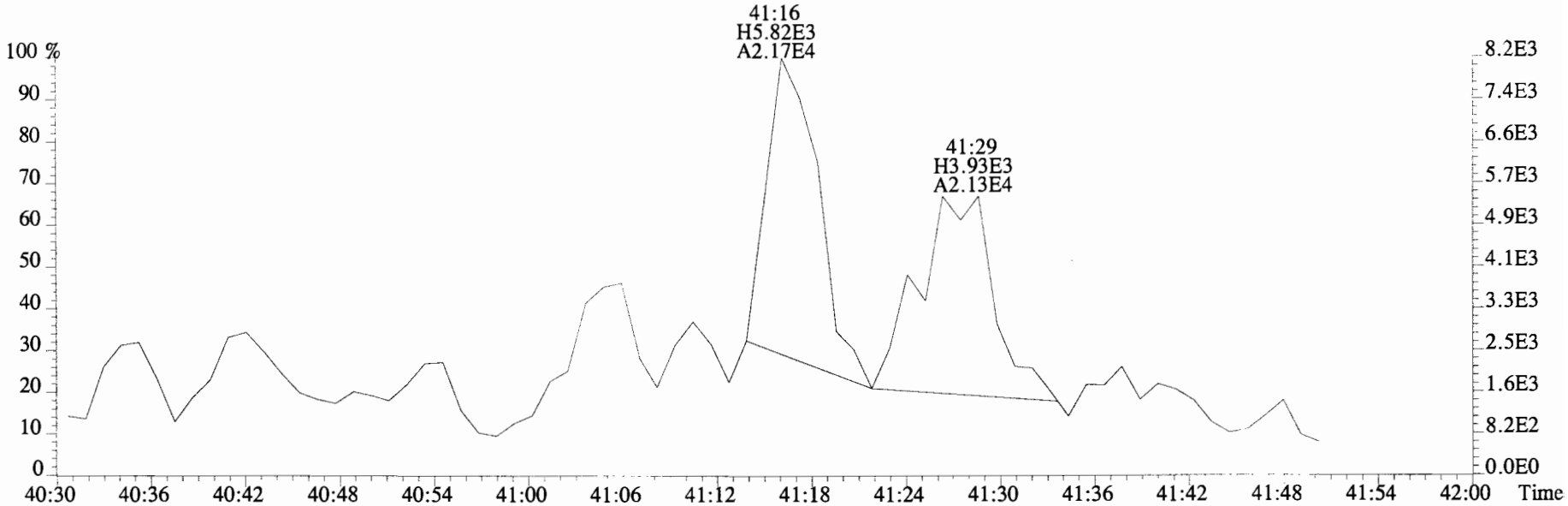
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2488.0,0.00%,F,F)



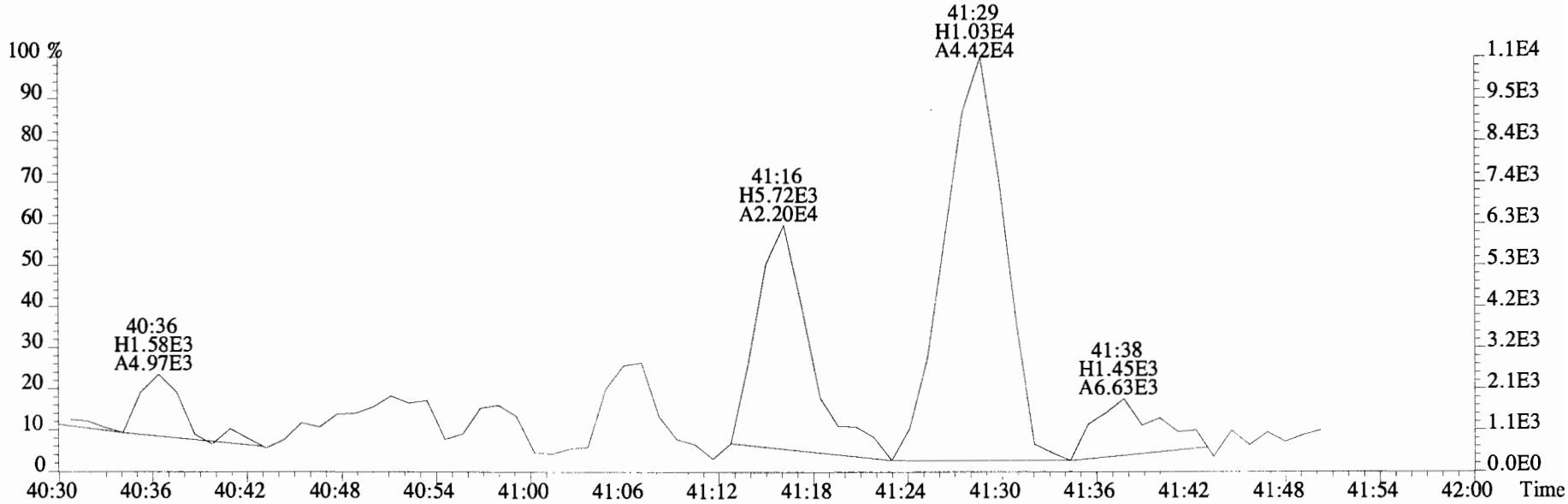
330.9792 S:2 F:3



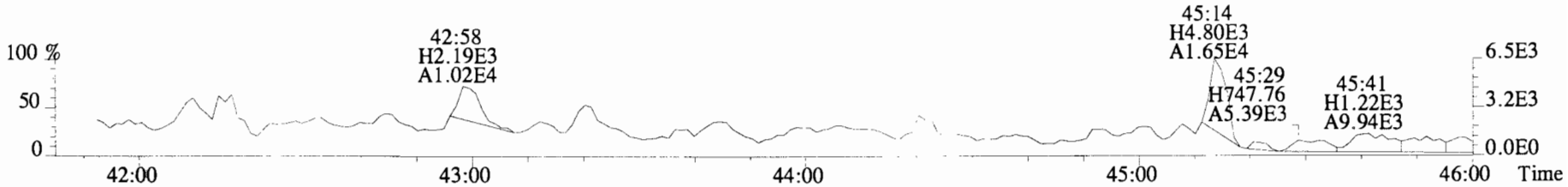
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3276.0,0.00%,F,F)



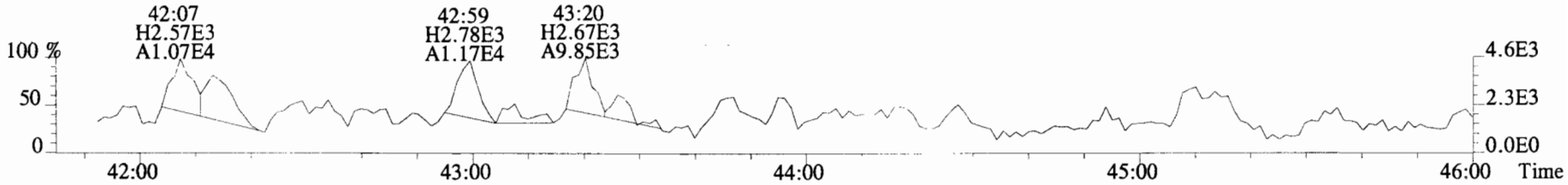
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2488.0,0.00%,F,F)



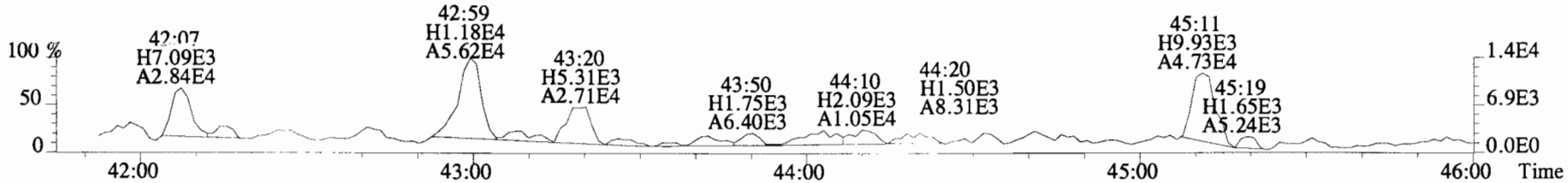
File:180409E2 #1-574 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2000.0,0.00%,F,F)



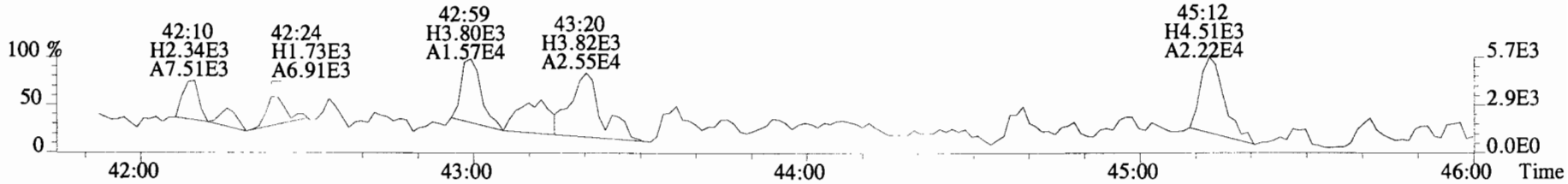
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2048.0,0.00%,F,F)



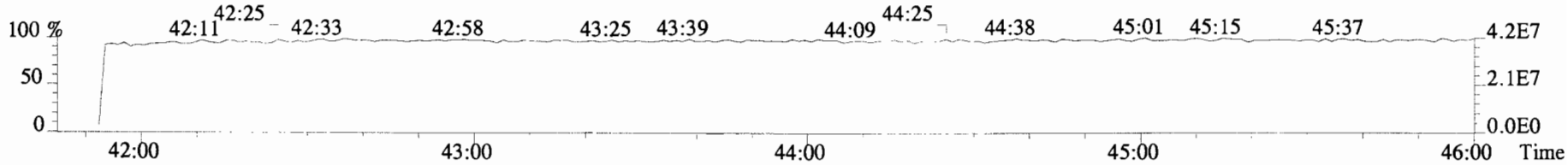
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



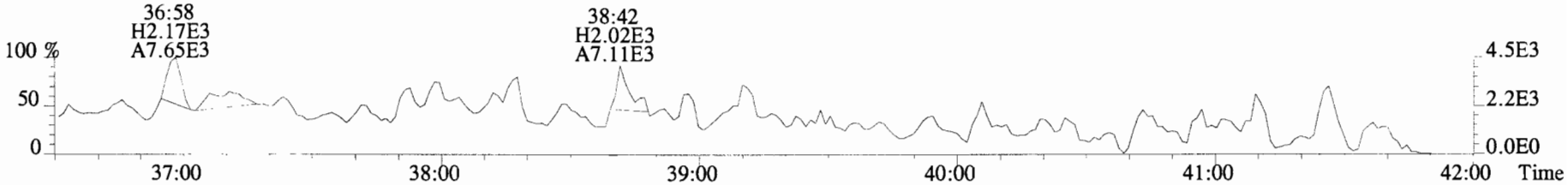
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2040.0,0.00%,F,F)



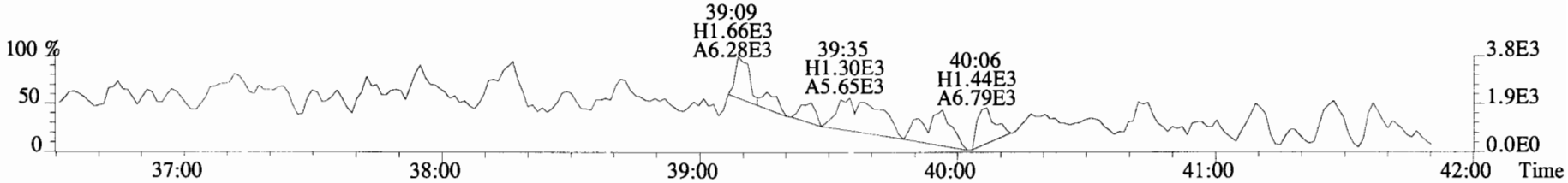
380.9760 S:2 F:4



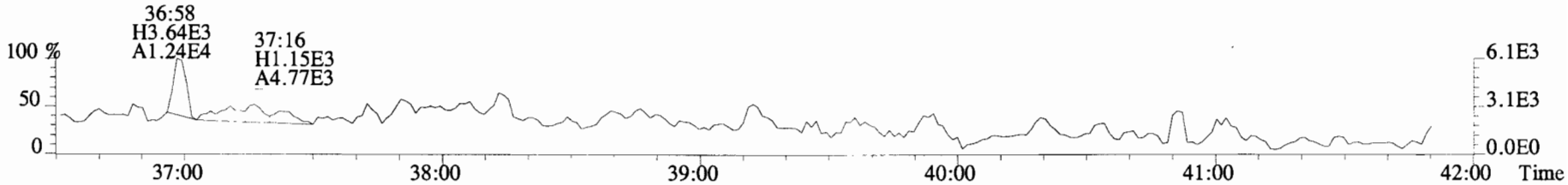
File:180409E2 #1-756 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2220.0,0.00%,F,F)



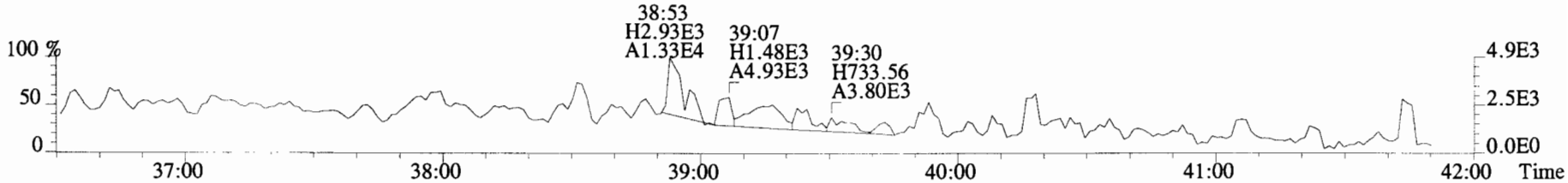
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



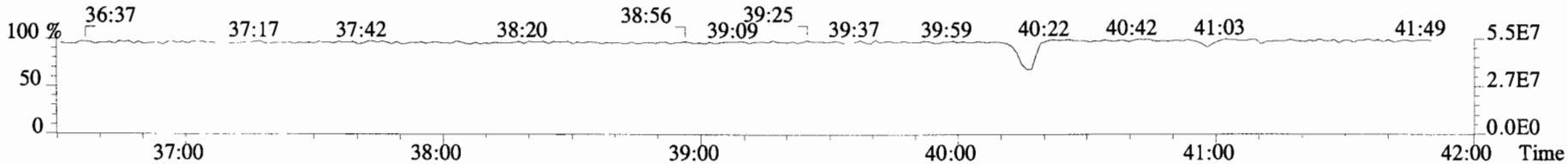
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2600.0,0.00%,F,F)



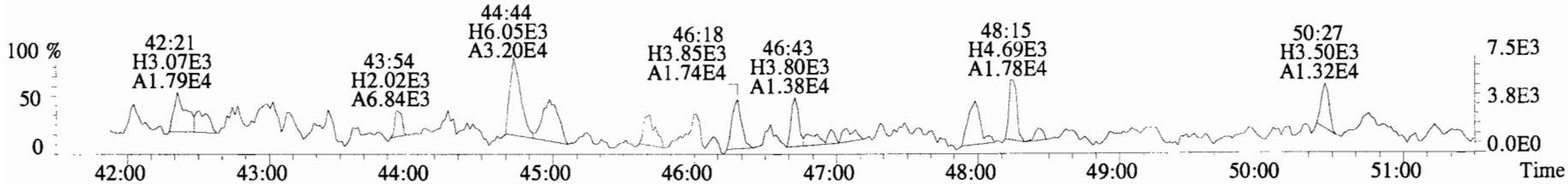
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2440.0,0.00%,F,F)



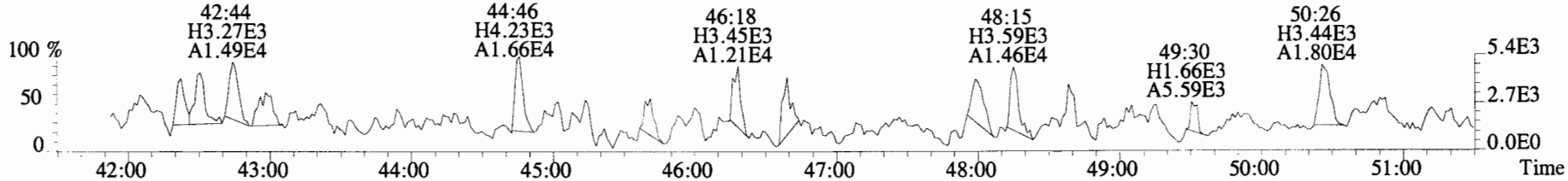
330.9792 S:2 F:3



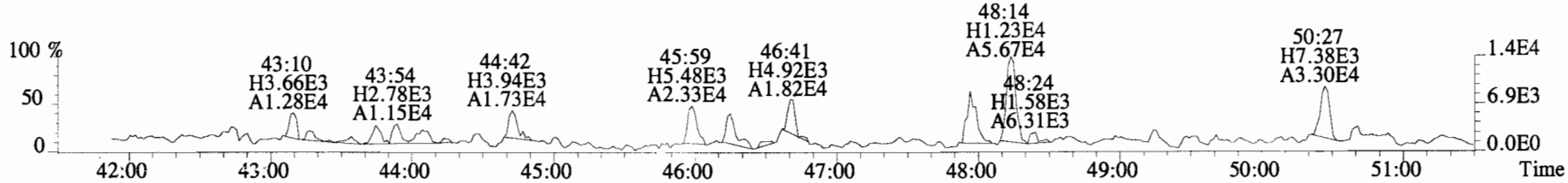
File:180409E2 #1-574 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



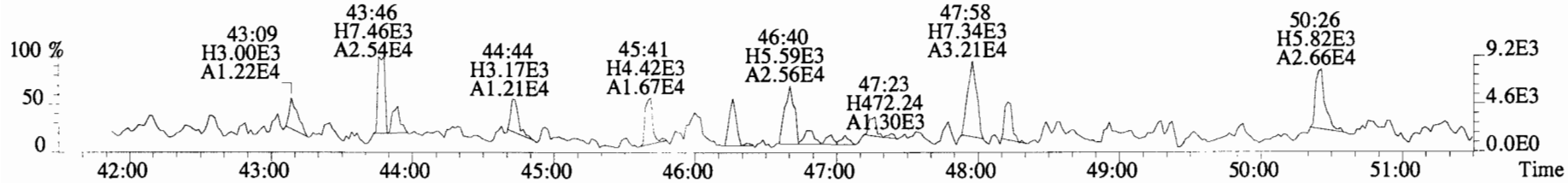
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



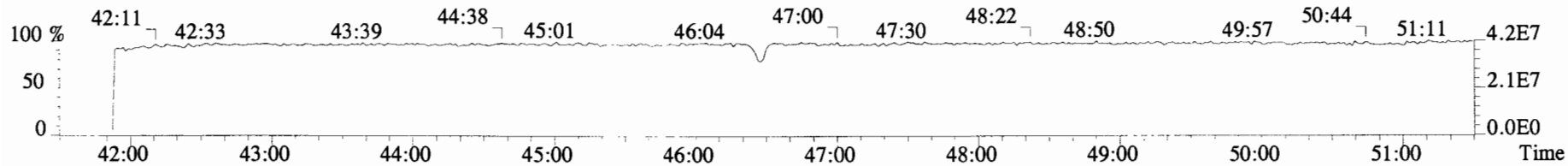
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



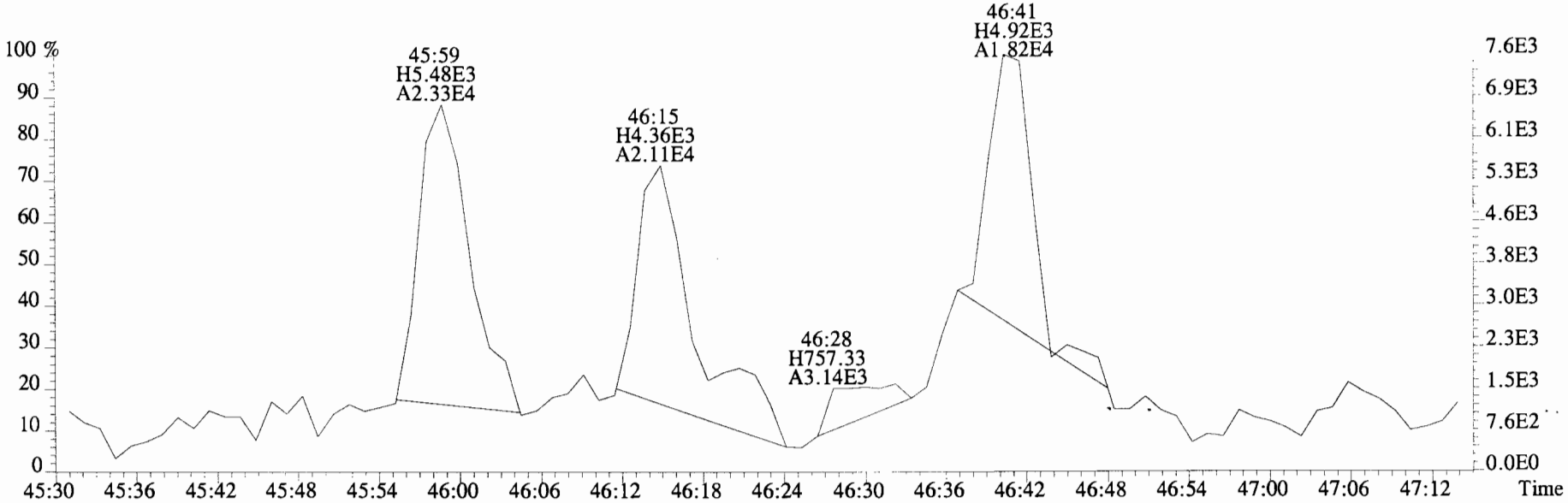
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



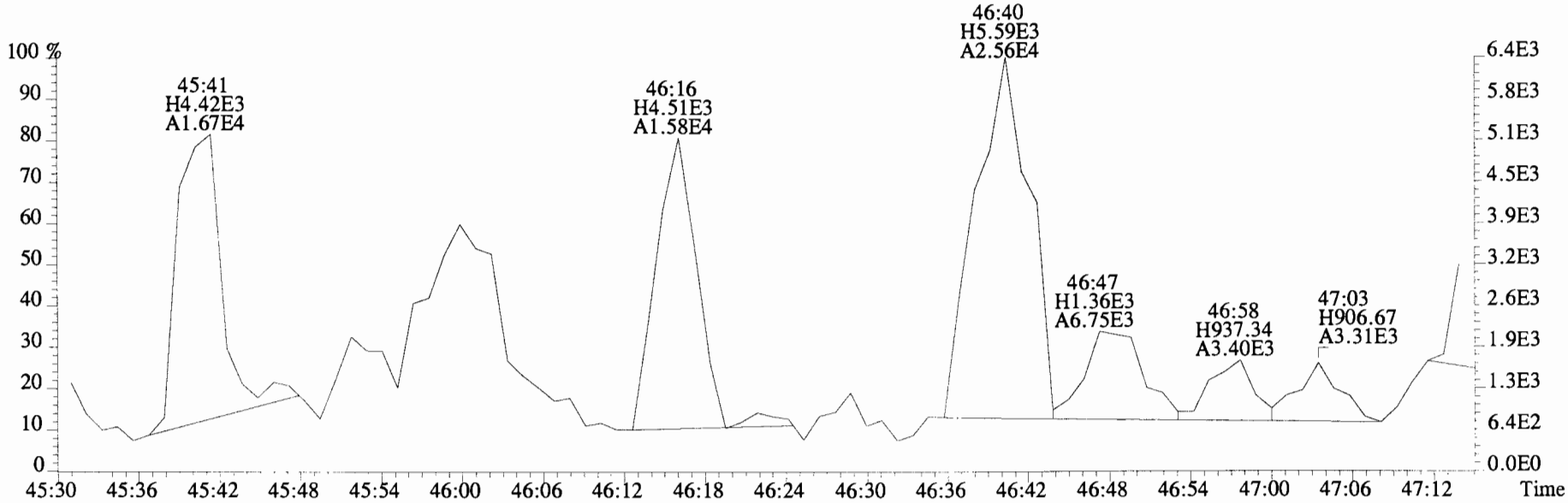
380.9760 S:2 F:4



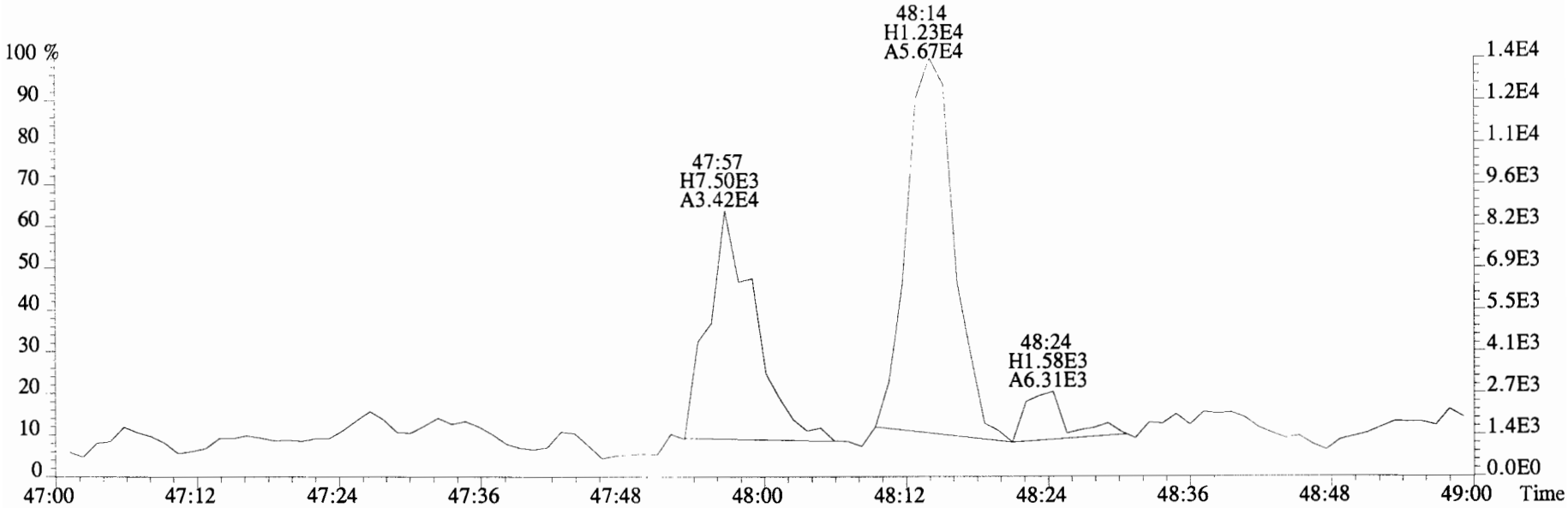
File:180409E2 #1-574 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



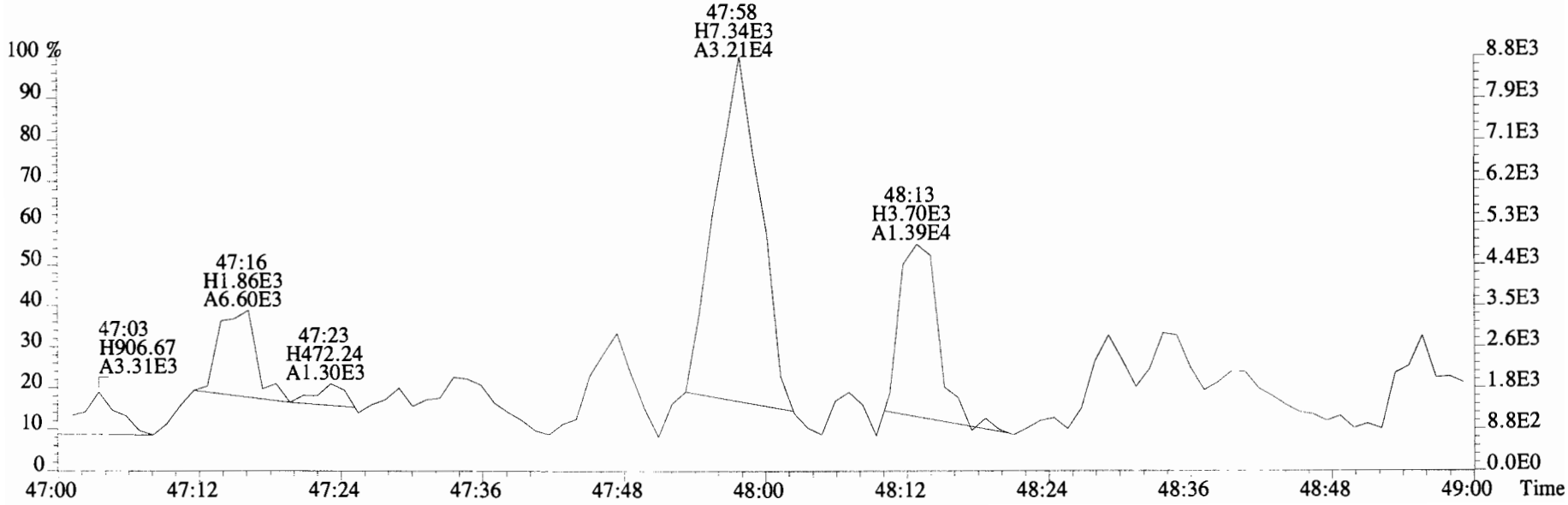
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



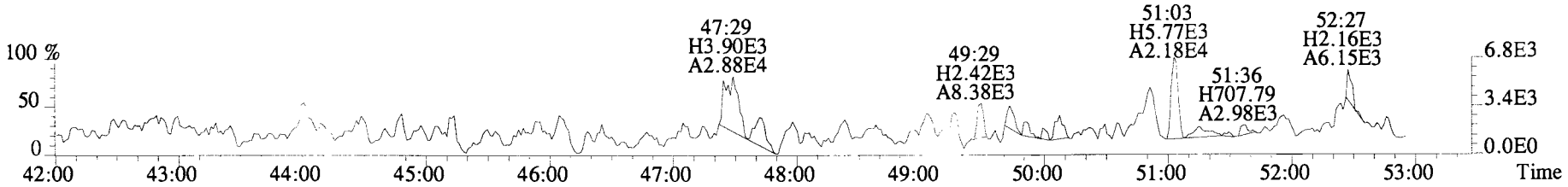
File:180409E2 #1-574 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



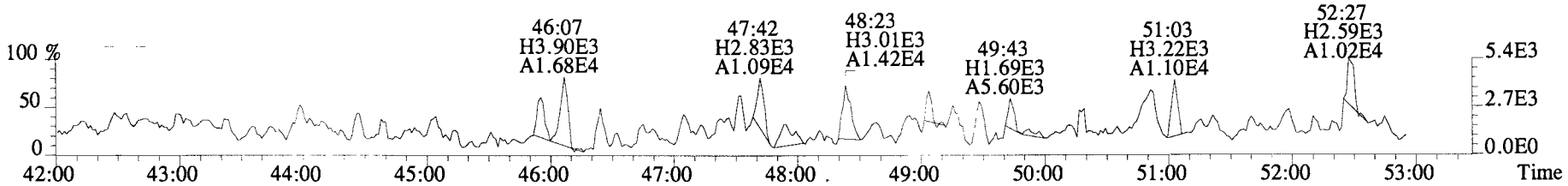
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



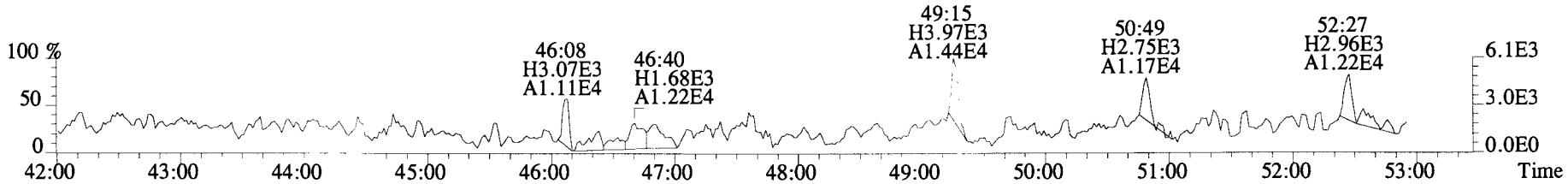
File:180409E2 #1-574 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



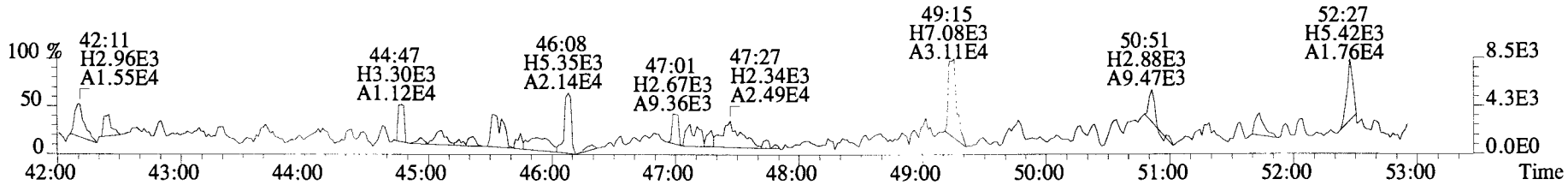
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



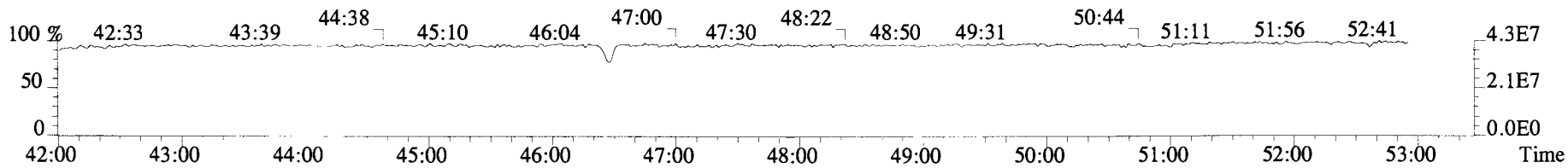
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1988.0,0.00%,F,F)



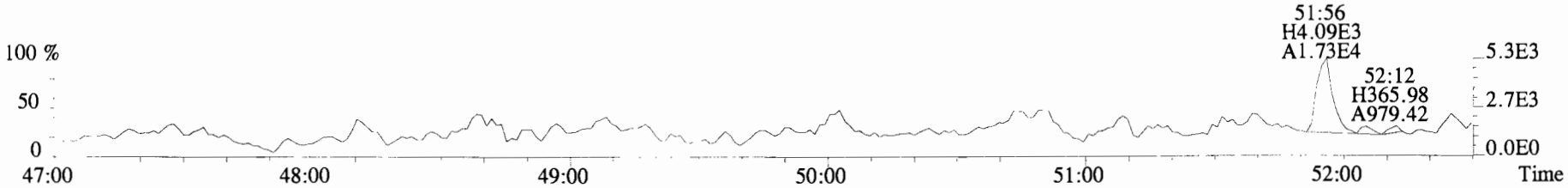
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



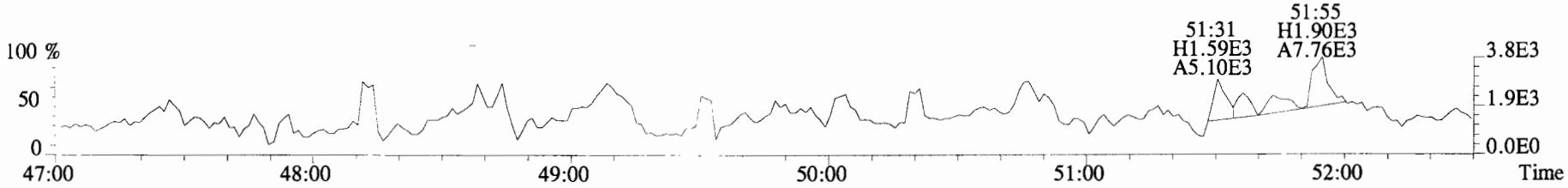
380.9760 S:2 F:4



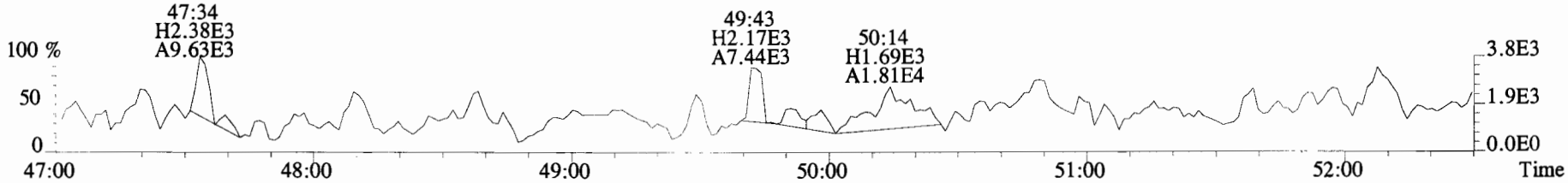
File:180409E2 #1-574 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1724.0,0.00%,F,F)



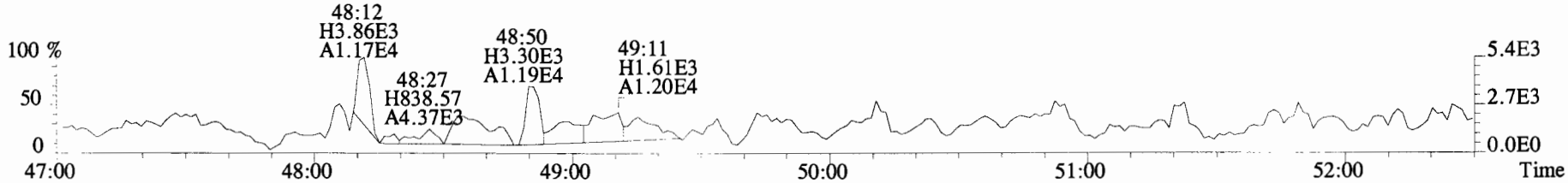
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



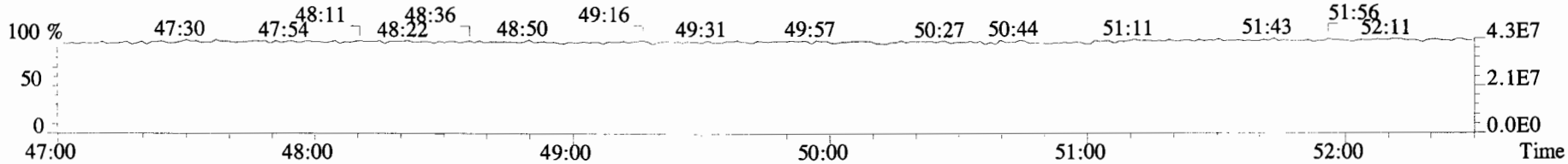
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1968.0,0.00%,F,F)



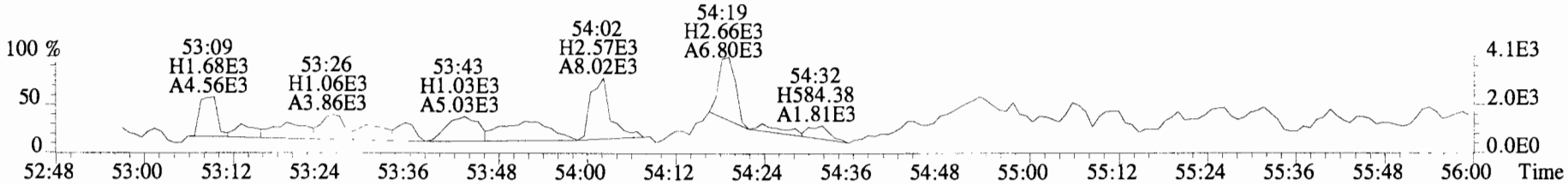
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1964.0,0.00%,F,F)



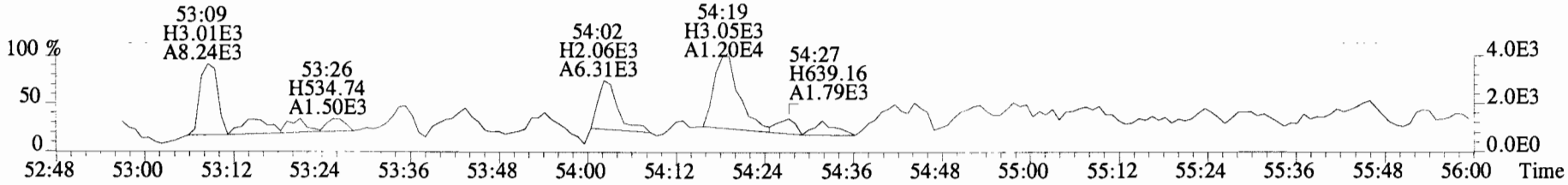
380.9760 S:2 F:4



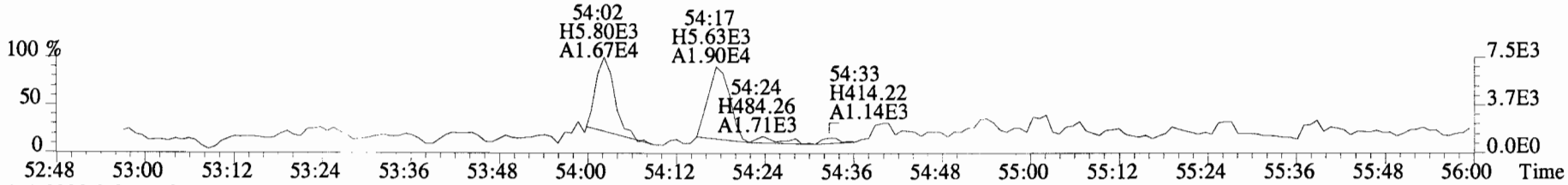
File:180409E2 #1-407 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)



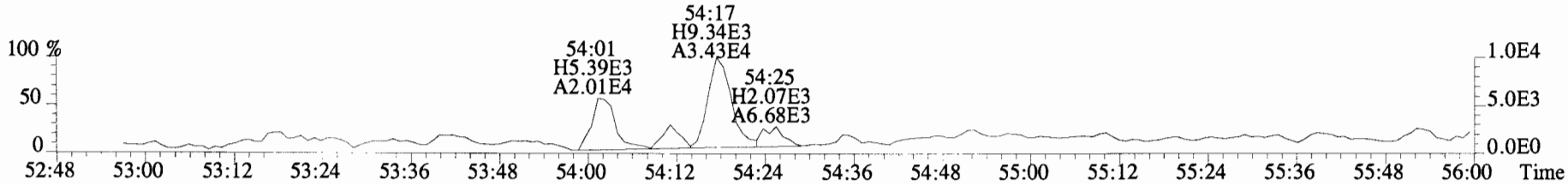
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1748.0,0.00%,F,F)



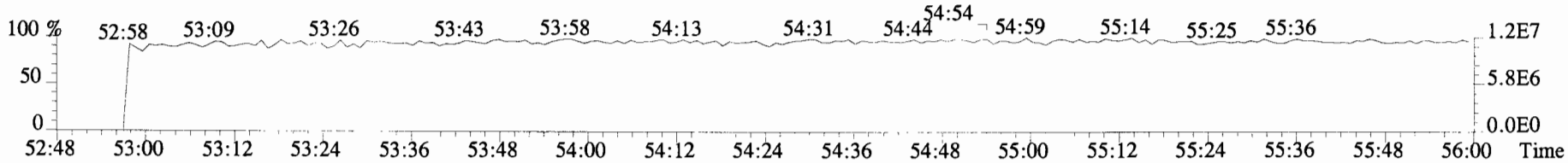
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1920.0,0.00%,F,F)



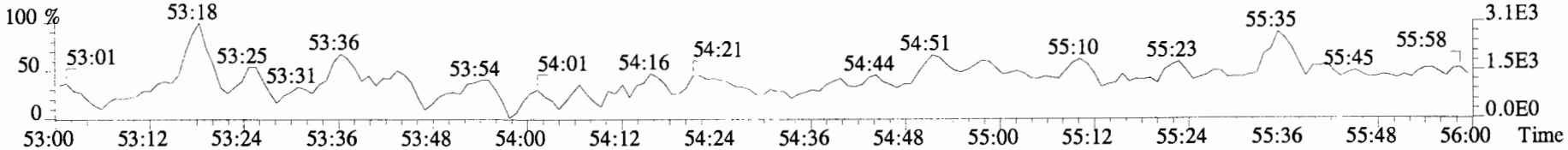
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



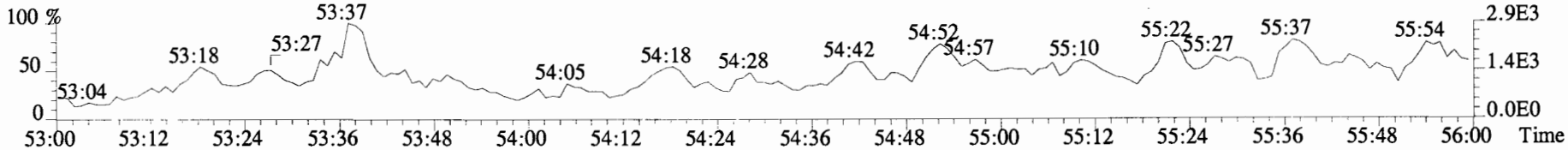
492.9697 S:2 F:5



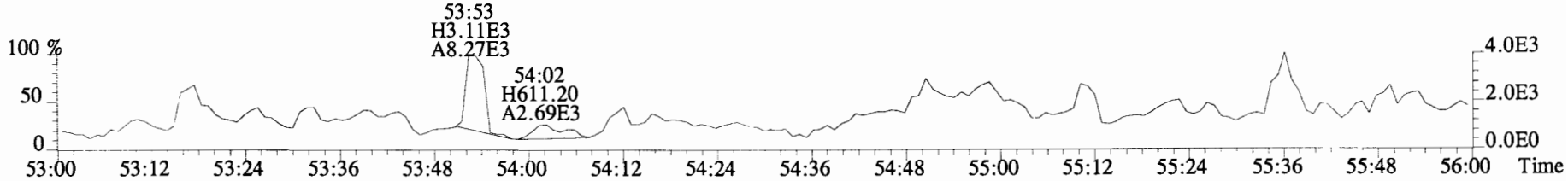
File:180409E2 #1-407 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1580.0,0.00%,F,F)



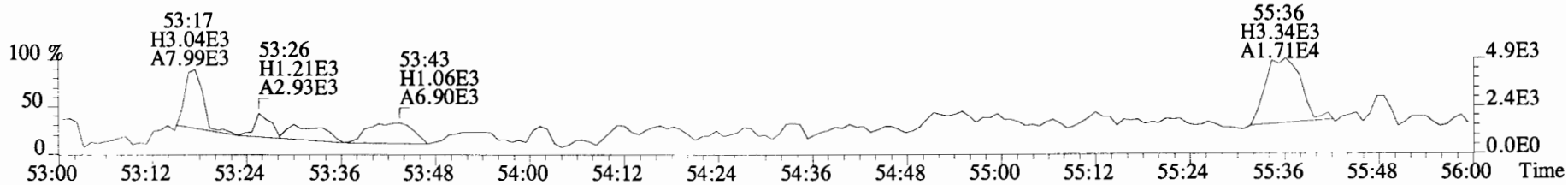
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



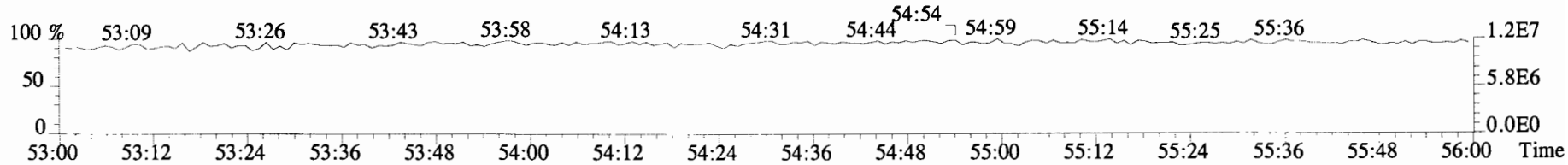
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



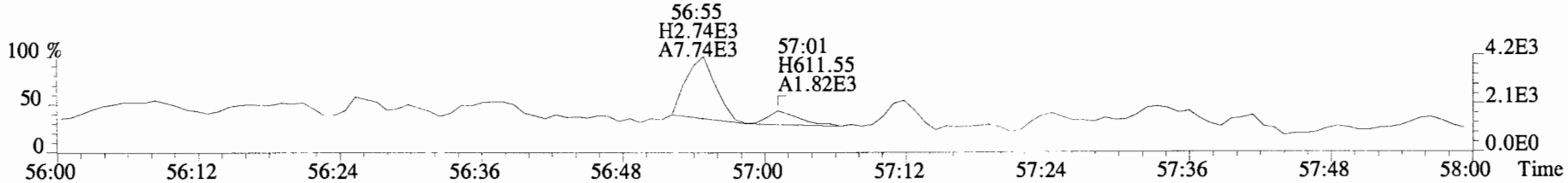
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



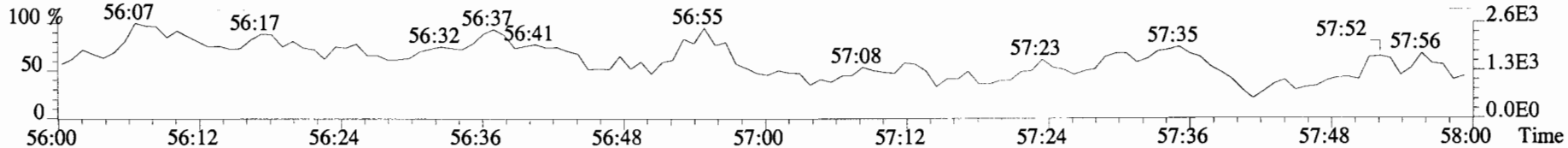
492.9697 S:2 F:5



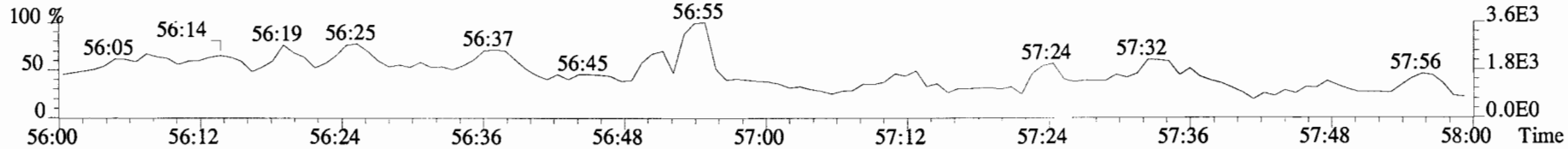
File:180409E2 #1-407 Acq:10-APR-2018 07:52:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



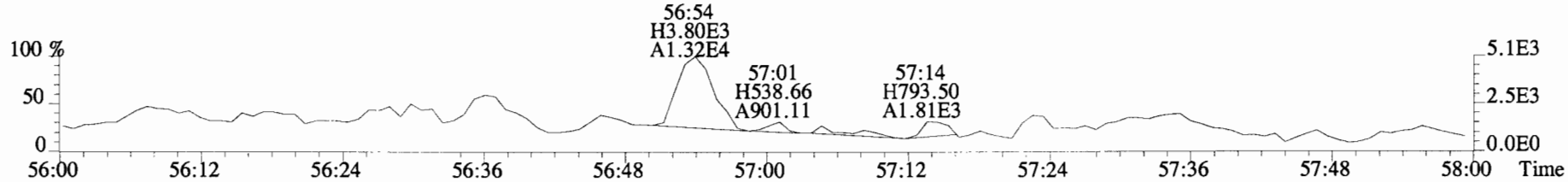
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



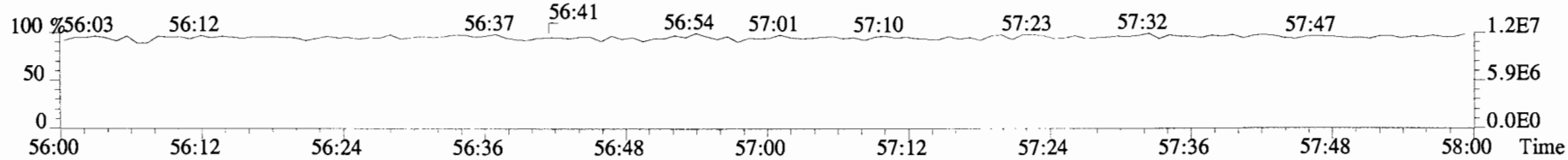
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



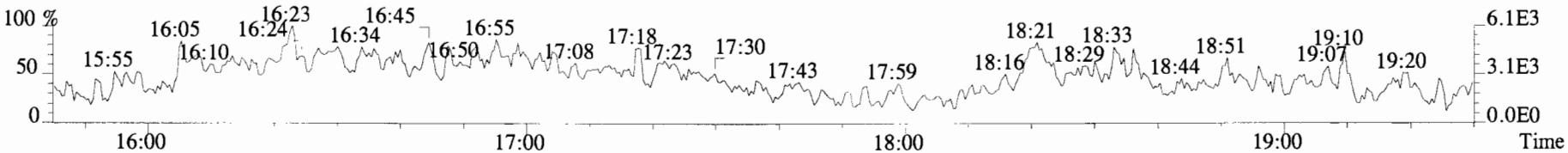
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



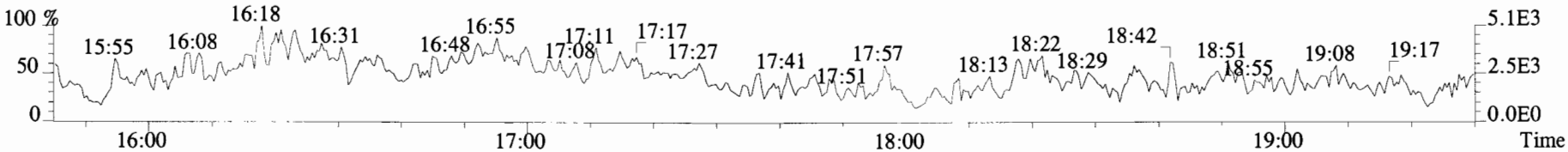
492.9697 S:2 F:5



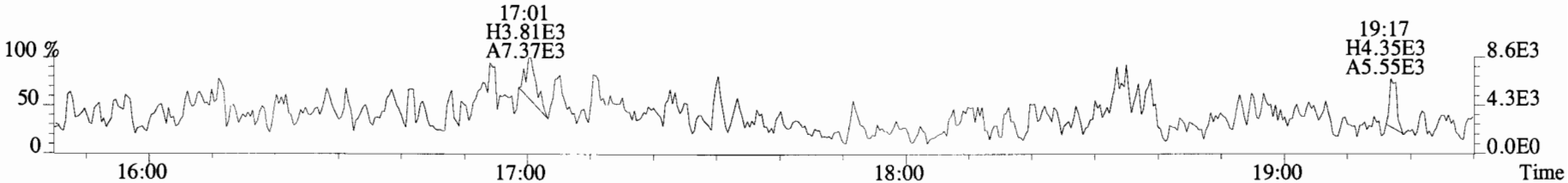
File:180409E3 #1-867 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3476.0,0.00%,F,F)



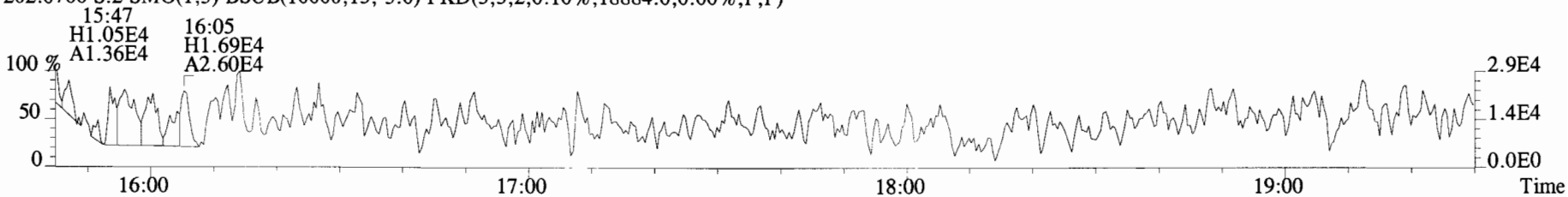
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2892.0,0.00%,F,F)



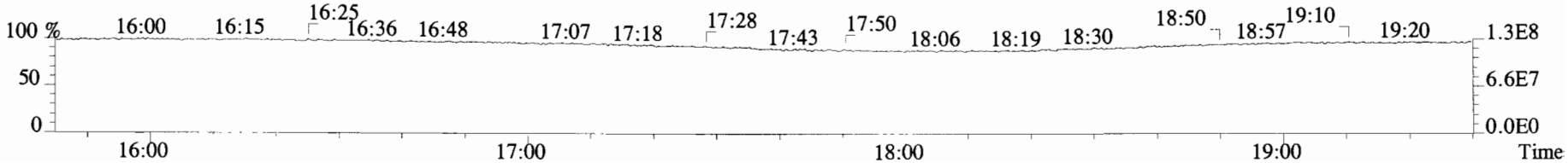
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4056.0,0.00%,F,F)



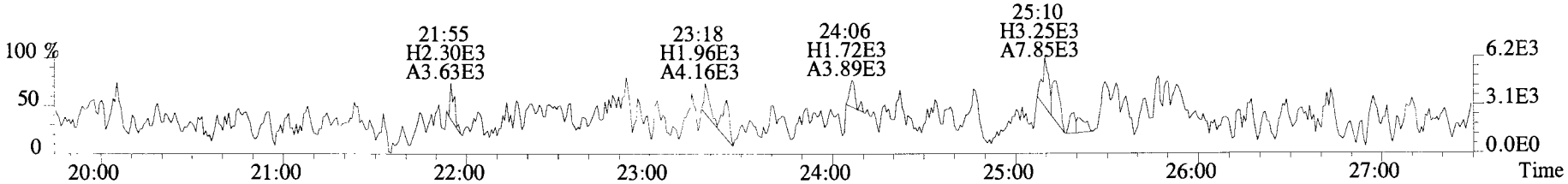
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18884.0,0.00%,F,F)



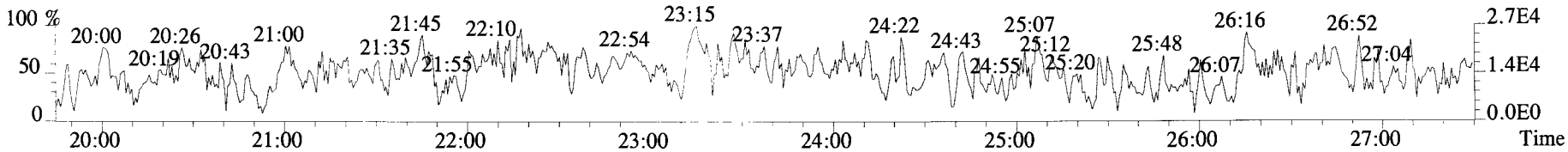
180.9880 S:2



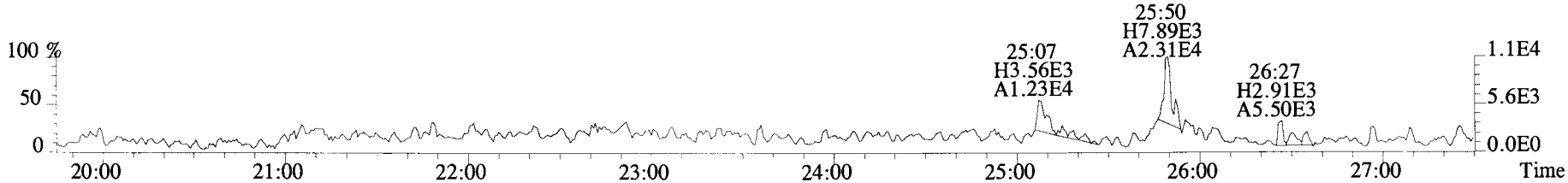
File:180409E3 #1-757 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2884.0,0.00%,F,F)



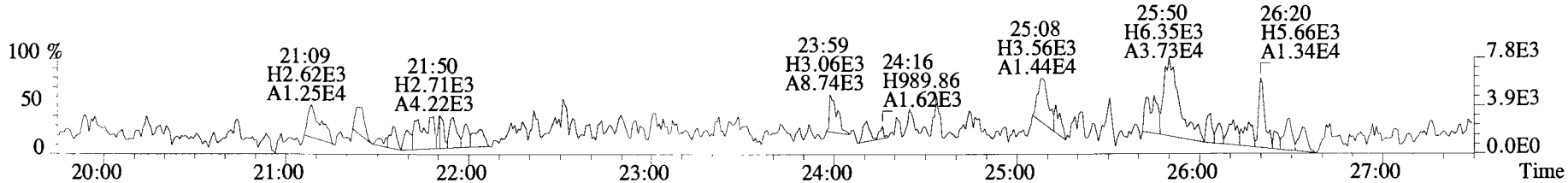
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17812.0,0.00%,F,F)



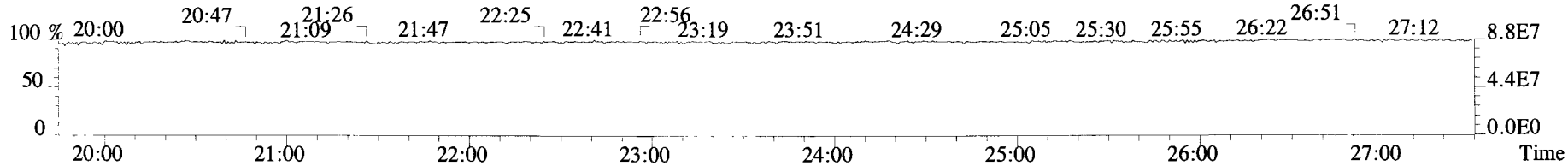
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2340.0,0.00%,F,F)



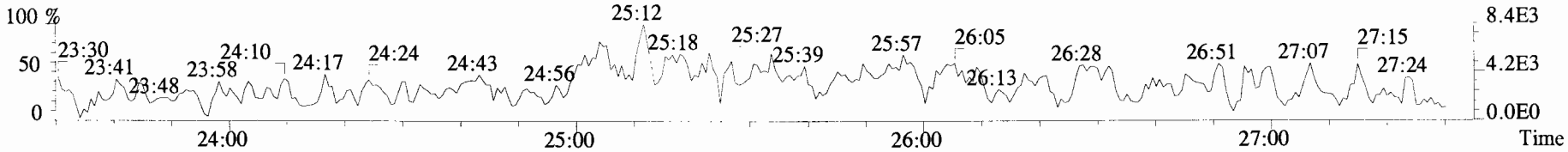
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



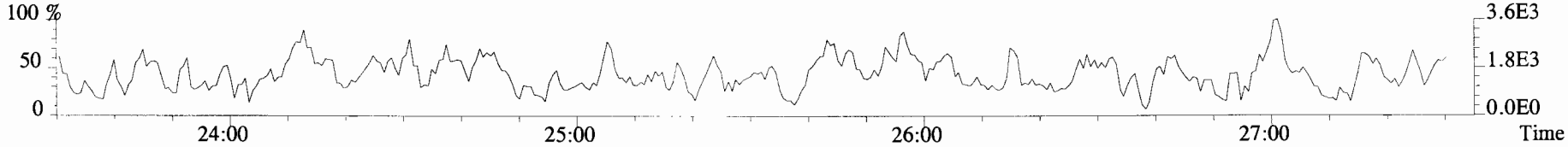
230.9856 S:2 F:2



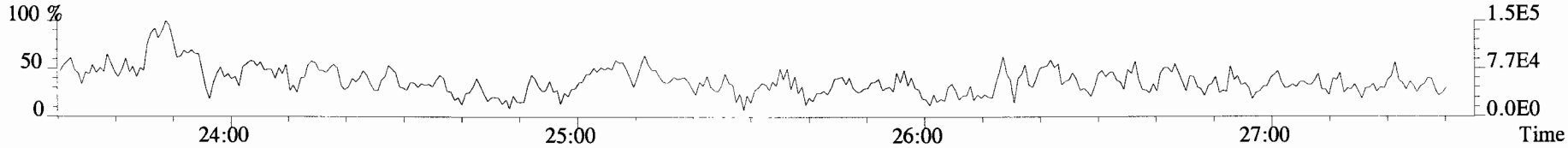
File:180409E3 #1-757 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



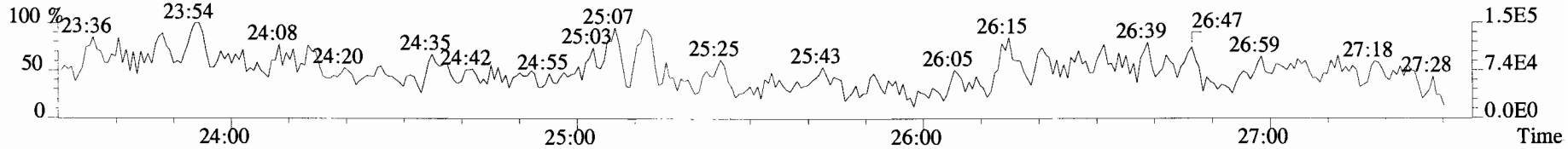
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1972.0,0.00%,F,F)



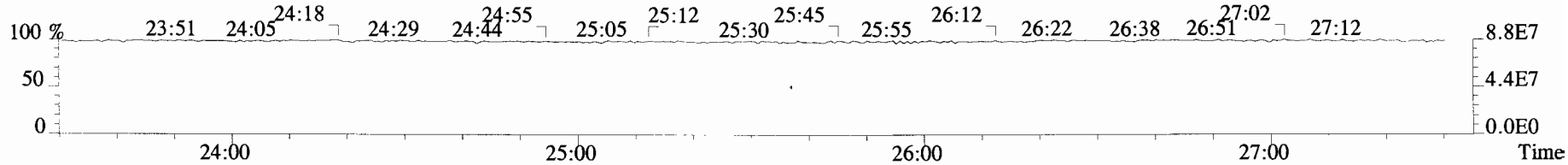
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75064.0,0.00%,F,F)



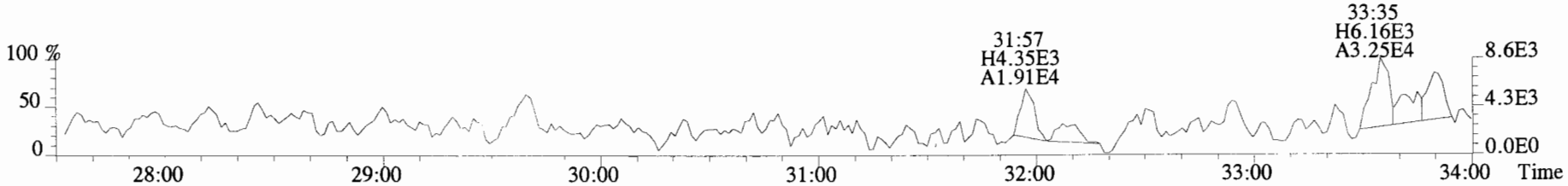
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,98028.0,0.00%,F,F)



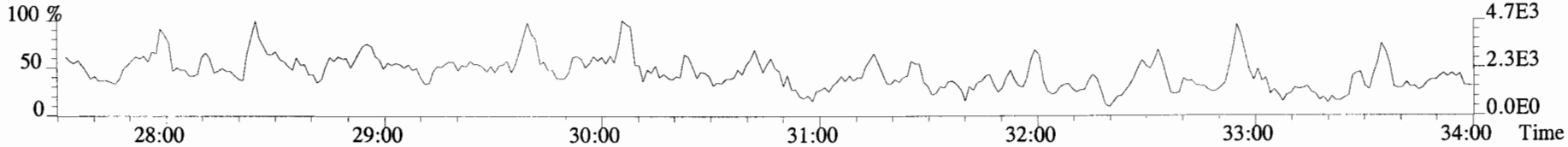
230.9856 S:2 F:2



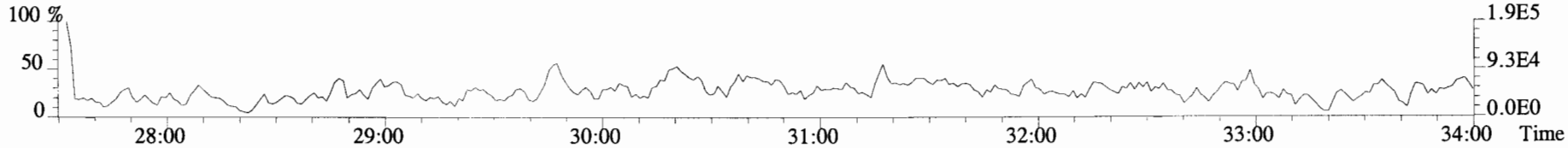
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3288.0,0.00%,F,F)



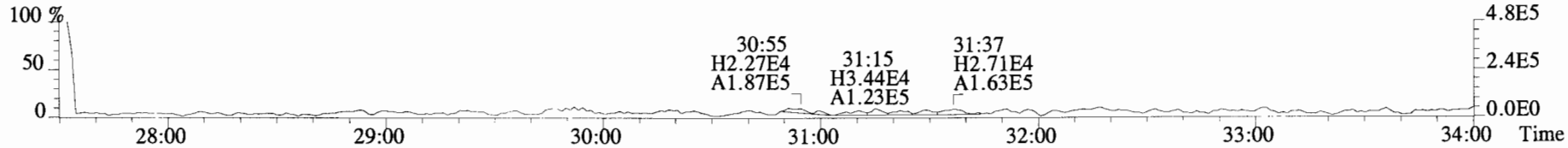
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2504.0,0.00%,F,F)



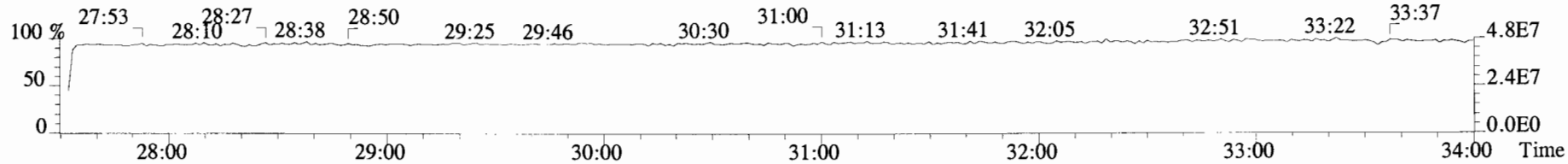
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,62244.0,0.00%,F,F)



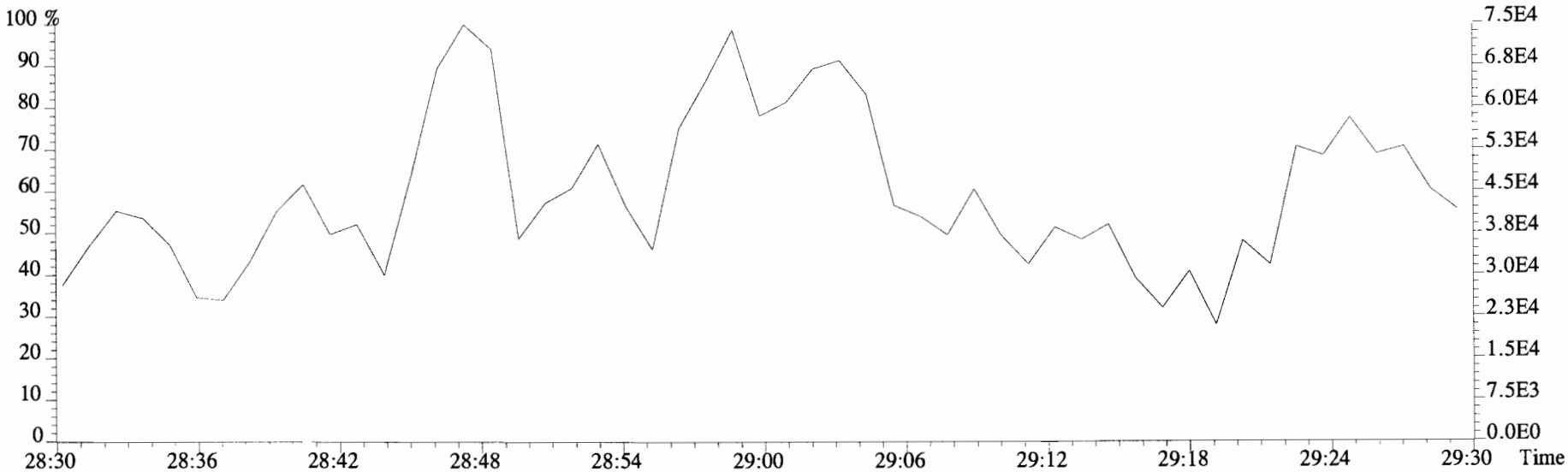
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33312.0,0.00%,F,F)



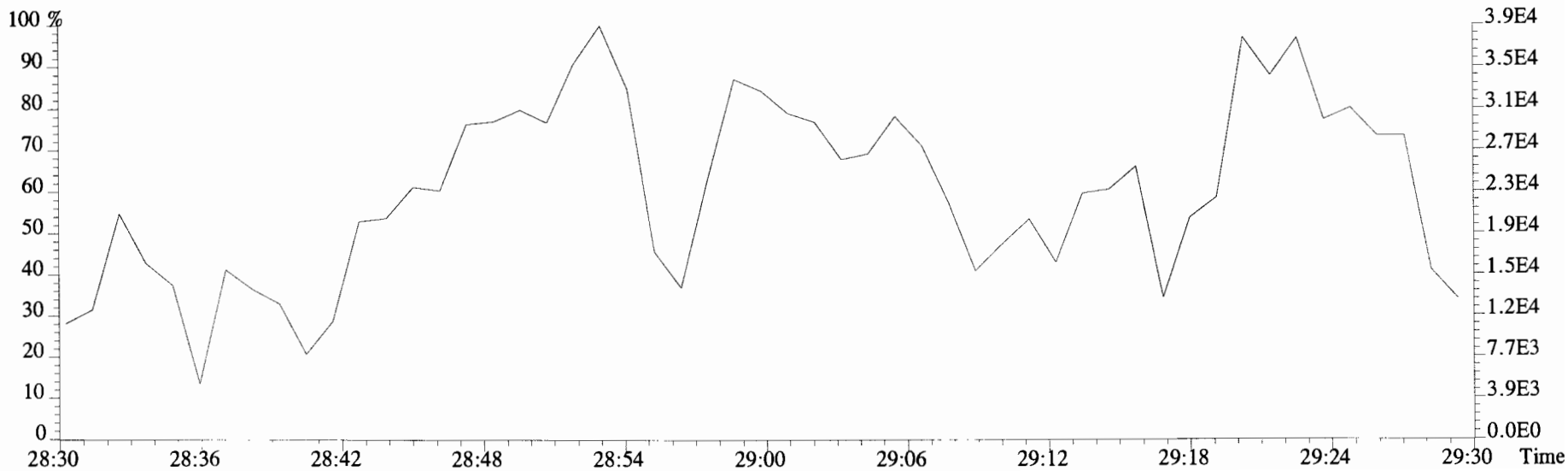
330.9792 S:2 F:3



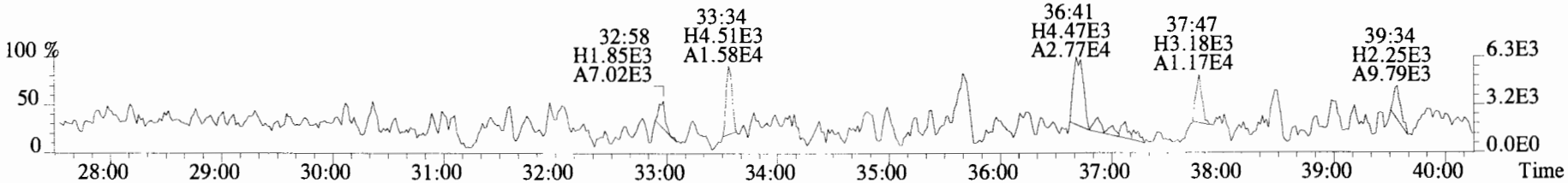
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,62244.0,0.00%,F,F)



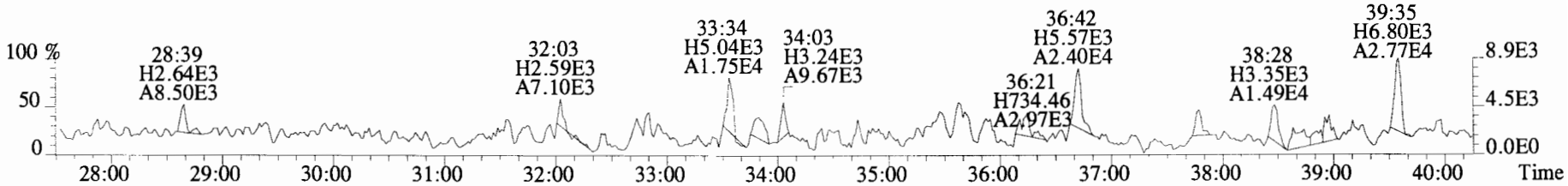
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33312.0,0.00%,F,F)



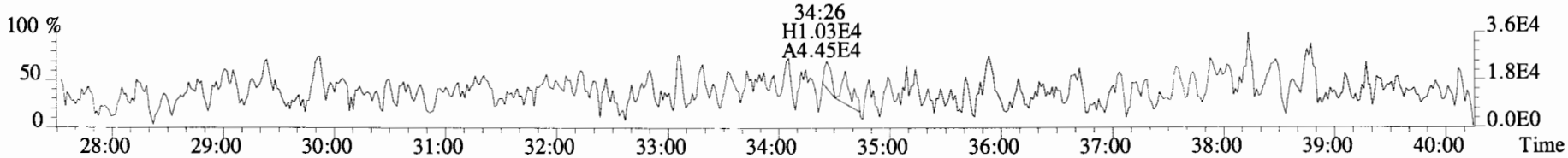
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



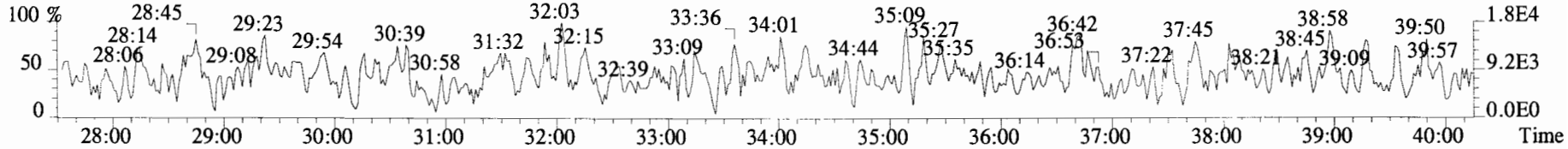
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



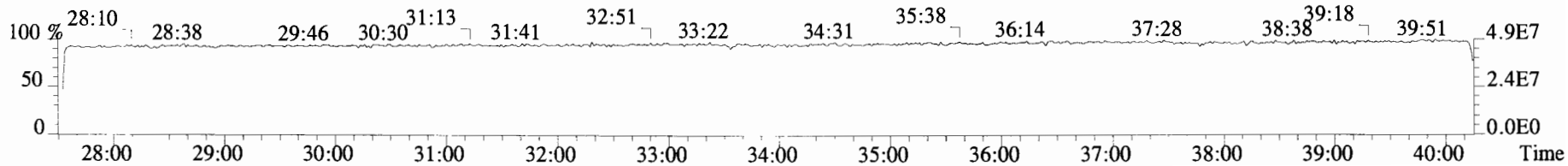
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17432.0,0.00%,F,F)



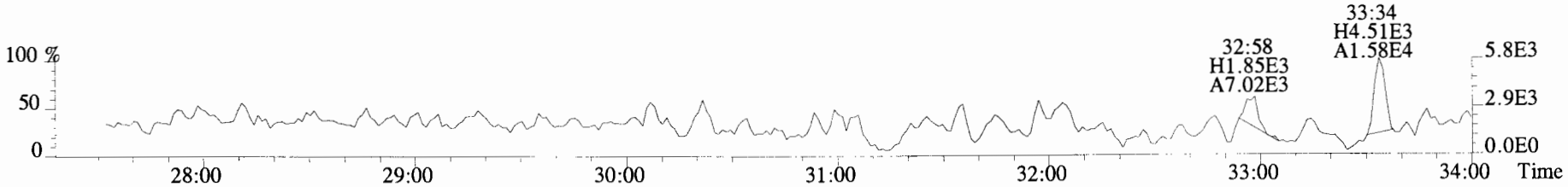
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10408.0,0.00%,F,F)



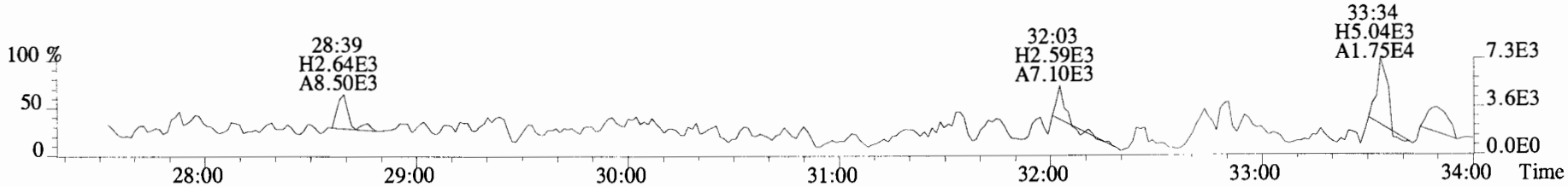
330.9792 S:2 F:3



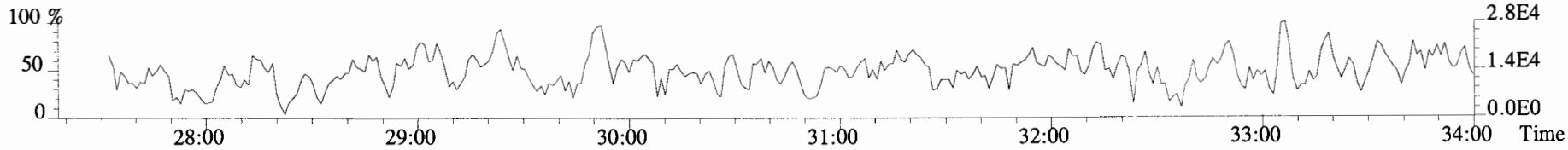
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



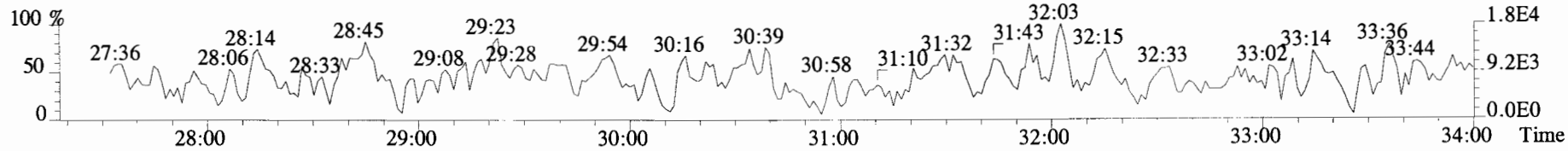
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



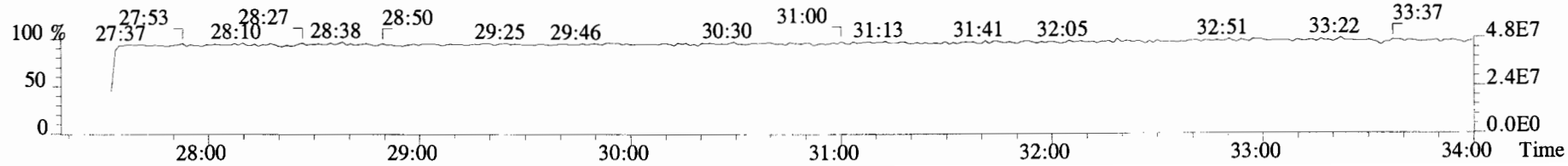
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17432.0,0.00%,F,F)



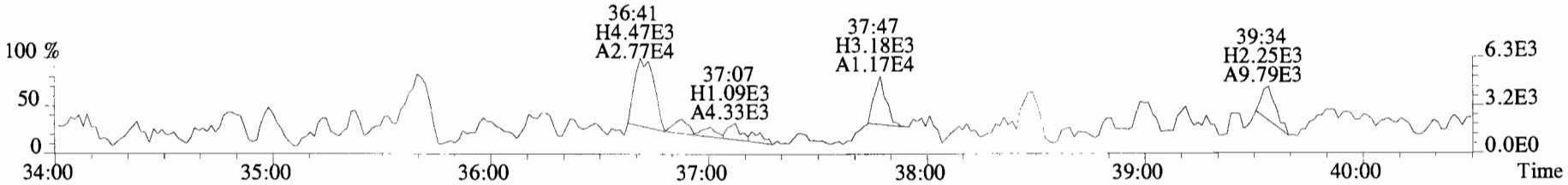
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10408.0,0.00%,F,F)



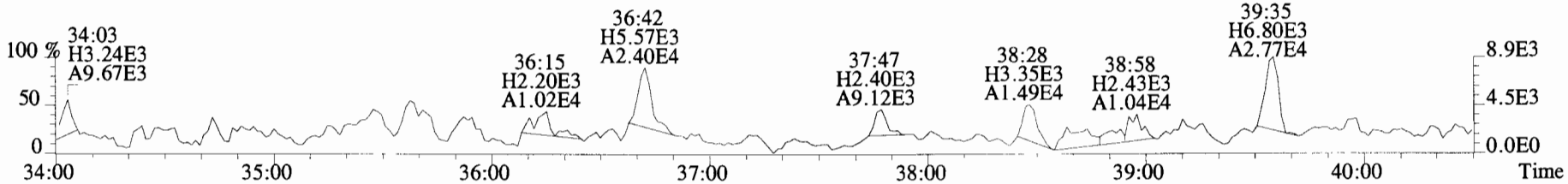
330.9792 S:2 F:3



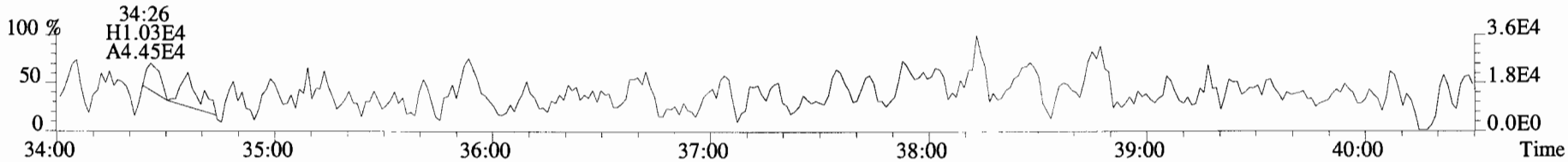
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



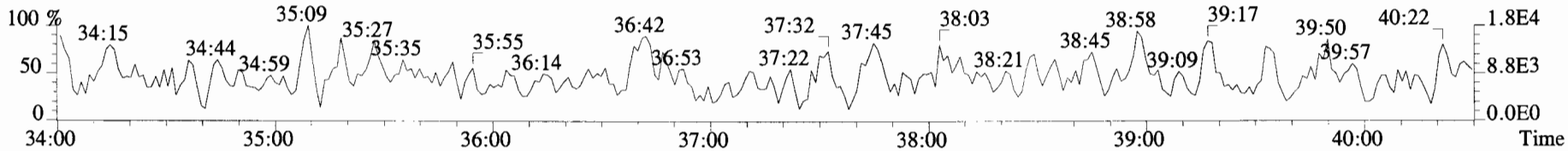
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



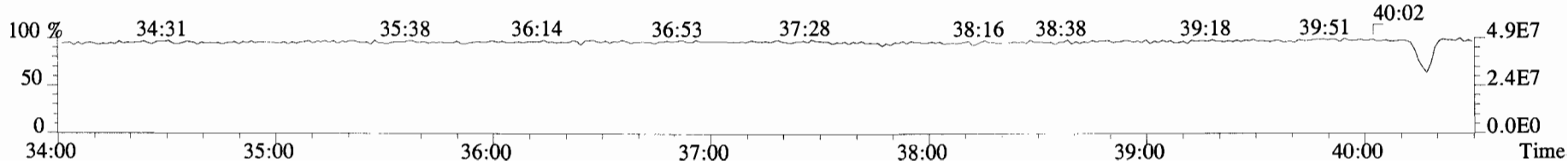
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17432.0,0.00%,F,F)



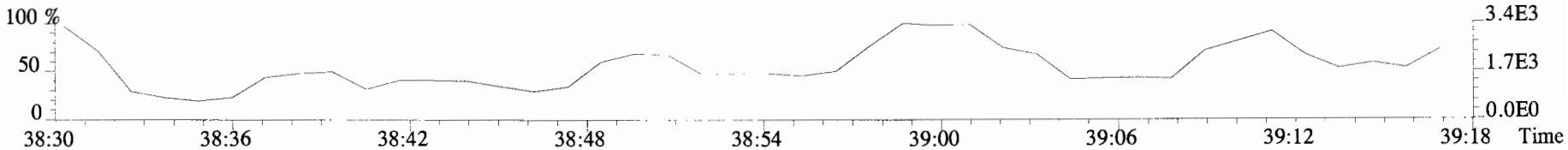
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10408.0,0.00%,F,F)



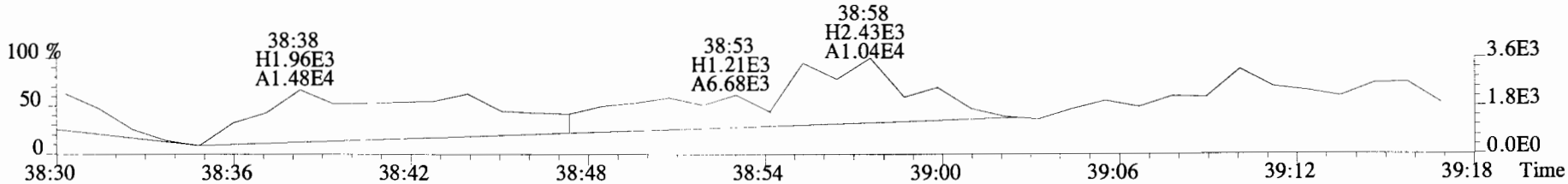
330.9792 S:2 F:3



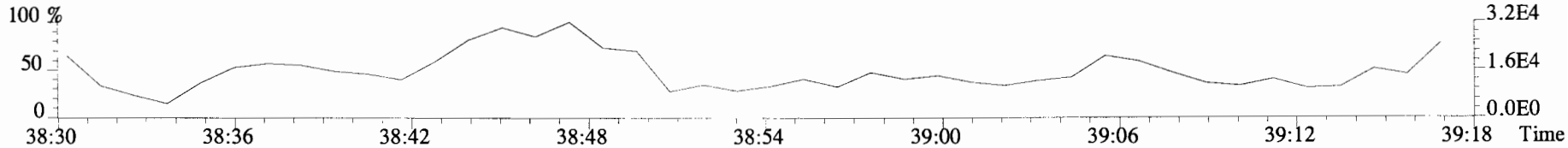
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



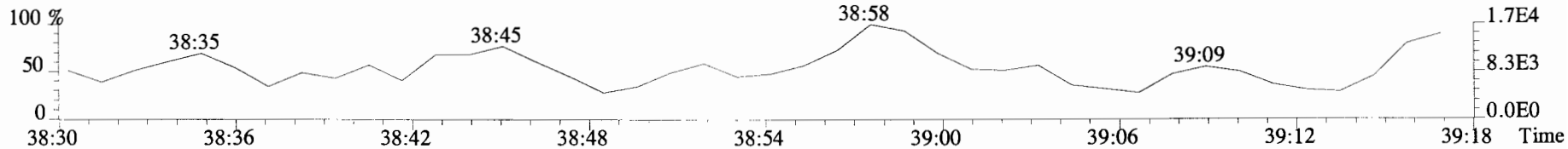
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



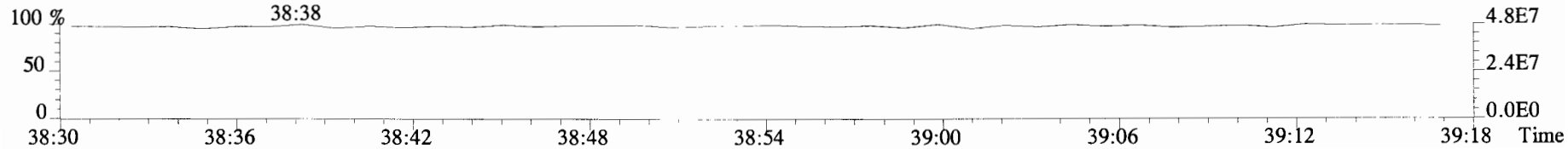
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17432.0,0.00%,F,F)



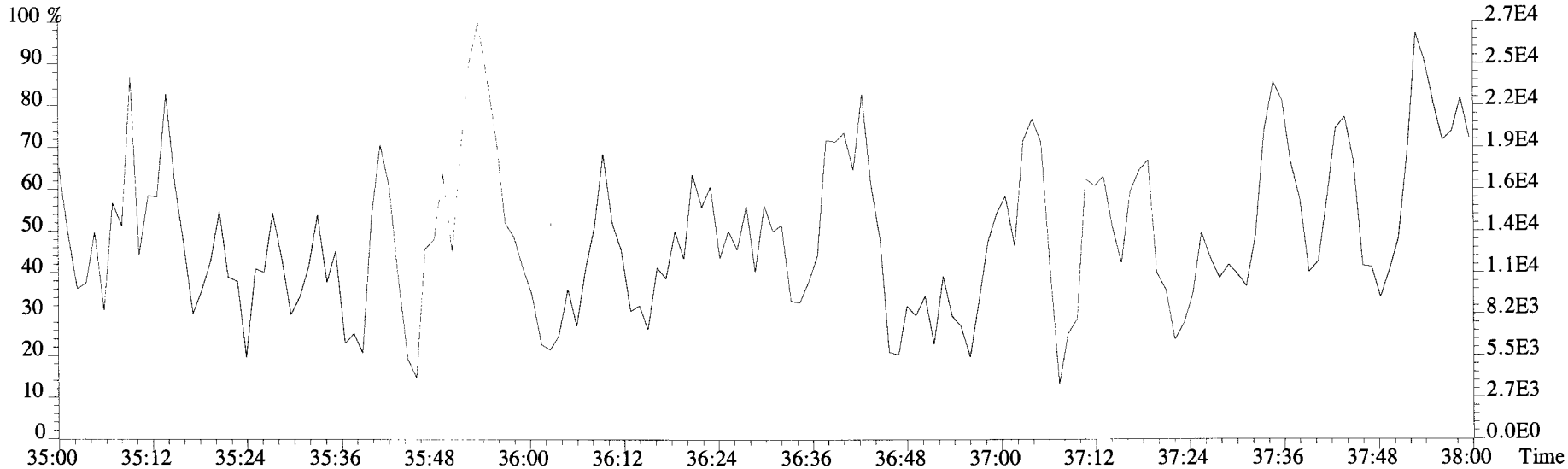
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10408.0,0.00%,F,F)



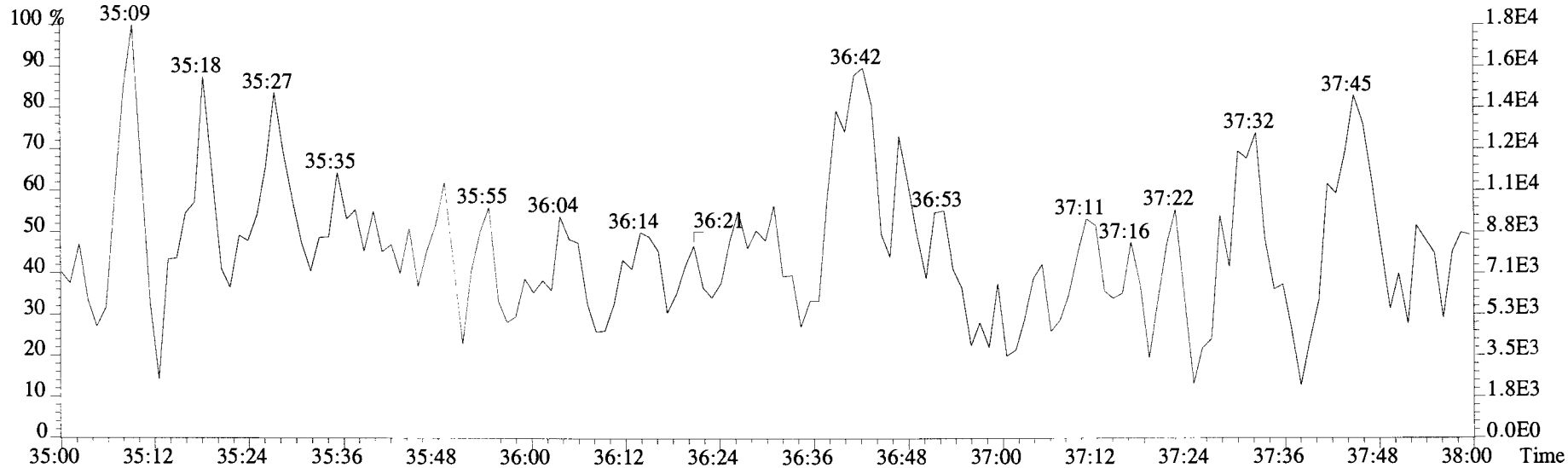
330.9792 S:2 F:3



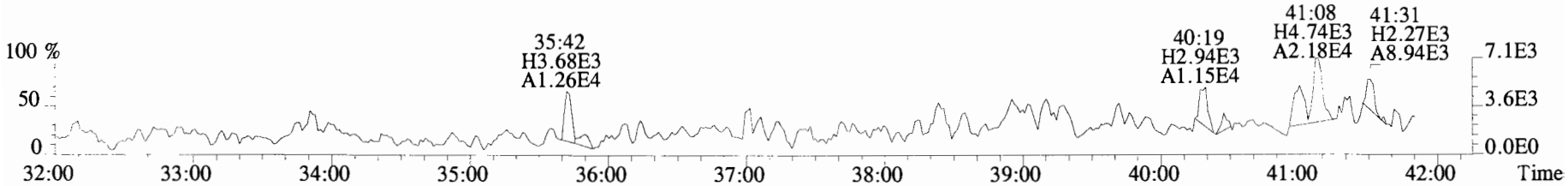
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17432.0,0.00%,F,F)



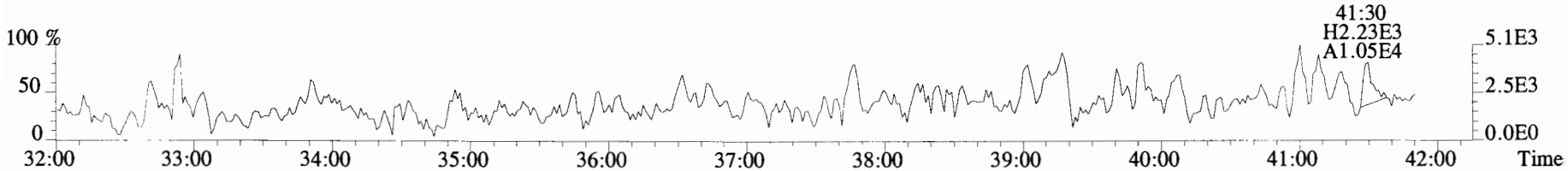
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10408.0,0.00%,F,F)



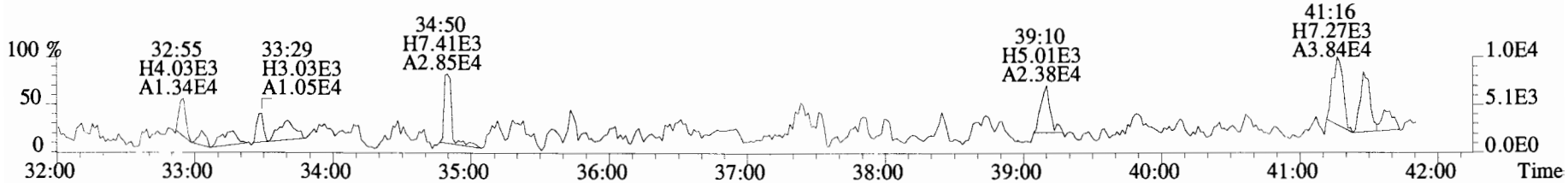
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



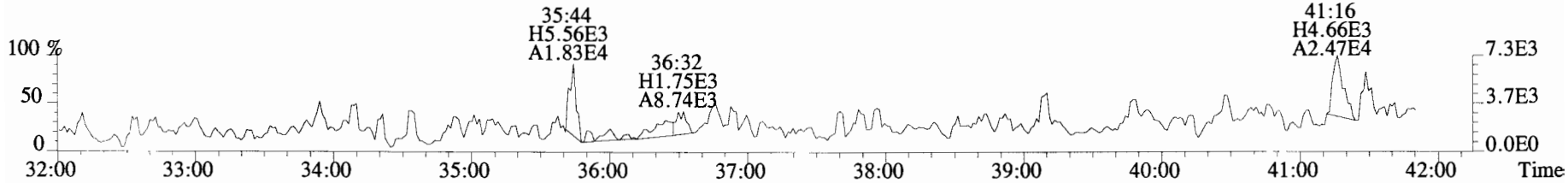
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2536.0,0.00%,F,F)



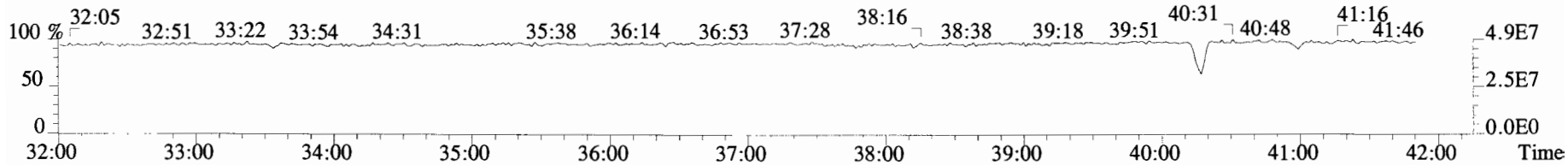
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2836.0,0.00%,F,F)



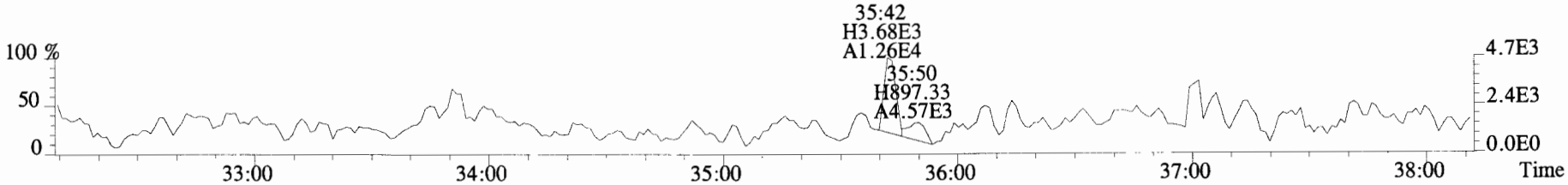
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2712.0,0.00%,F,F)



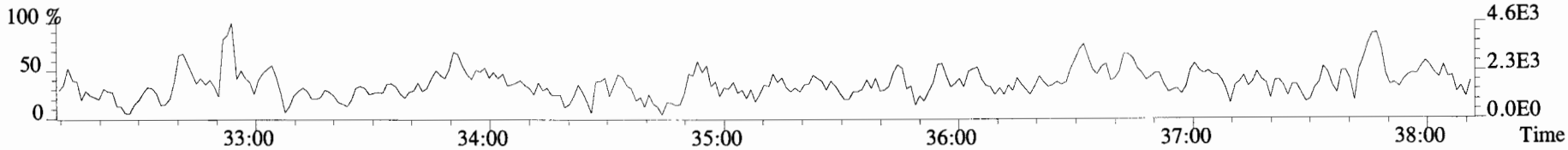
330.9792 S:2 F:3



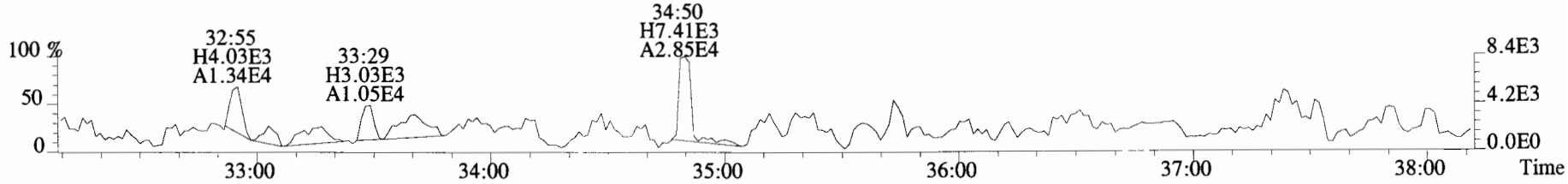
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



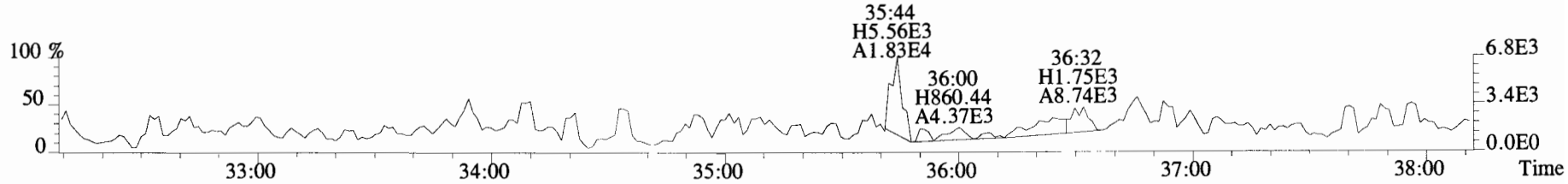
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2536.0,0.00%,F,F)



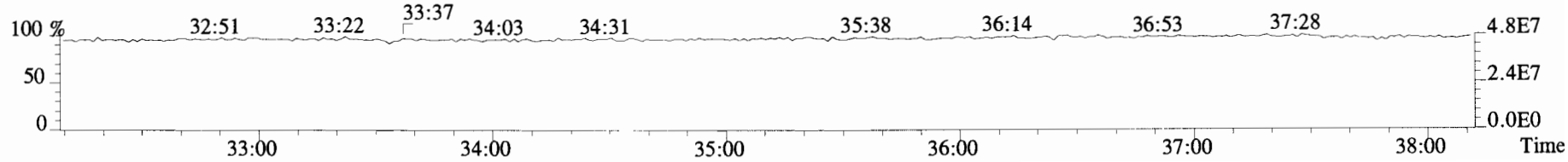
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2836.0,0.00%,F,F)



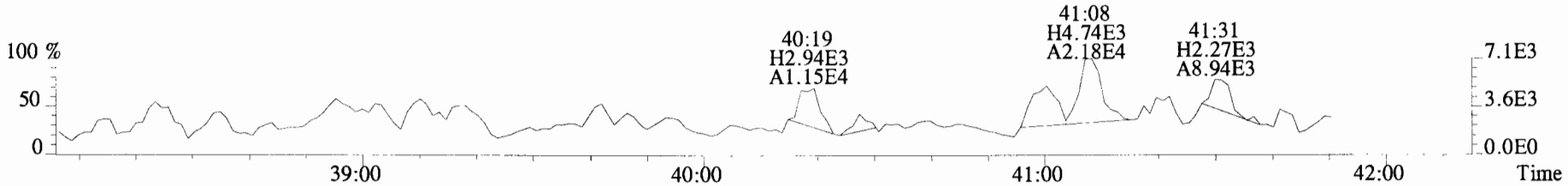
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2712.0,0.00%,F,F)



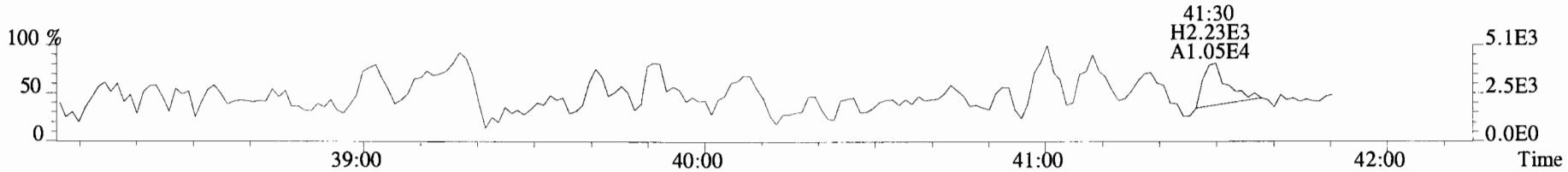
330.9792 S:2 F:3



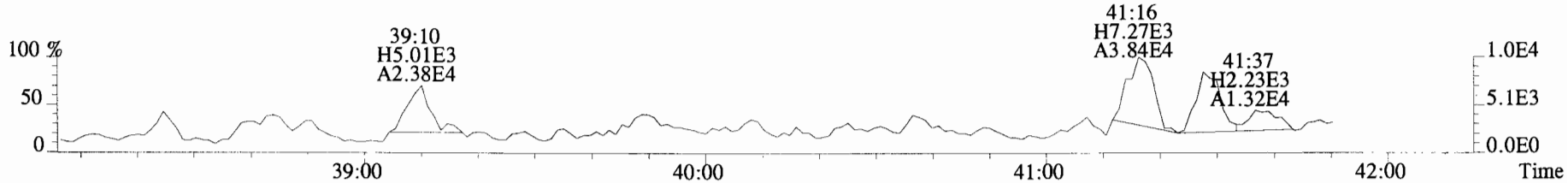
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



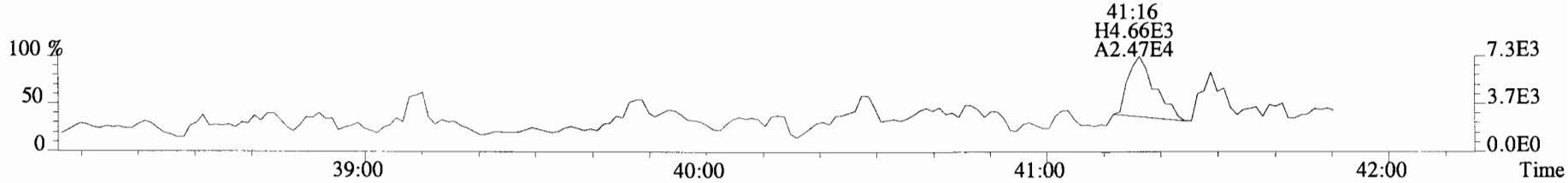
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2536.0,0.00%,F,F)



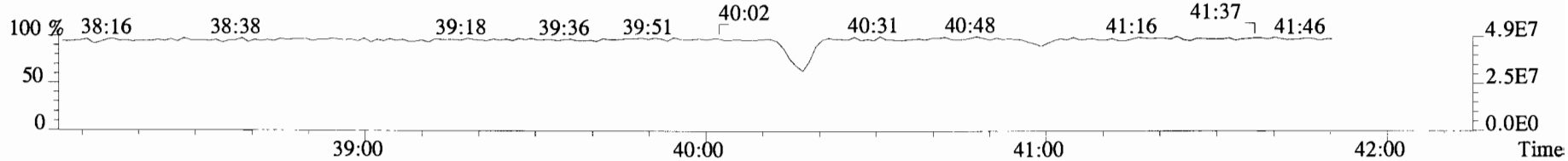
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2836.0,0.00%,F,F)



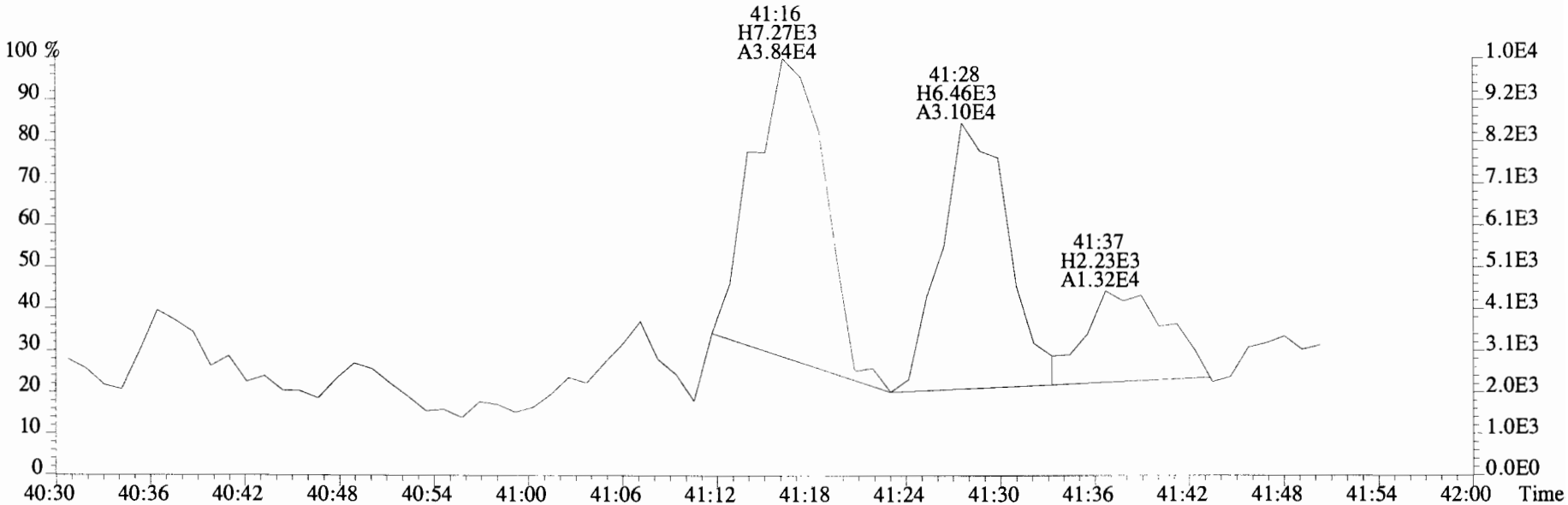
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2712.0,0.00%,F,F)



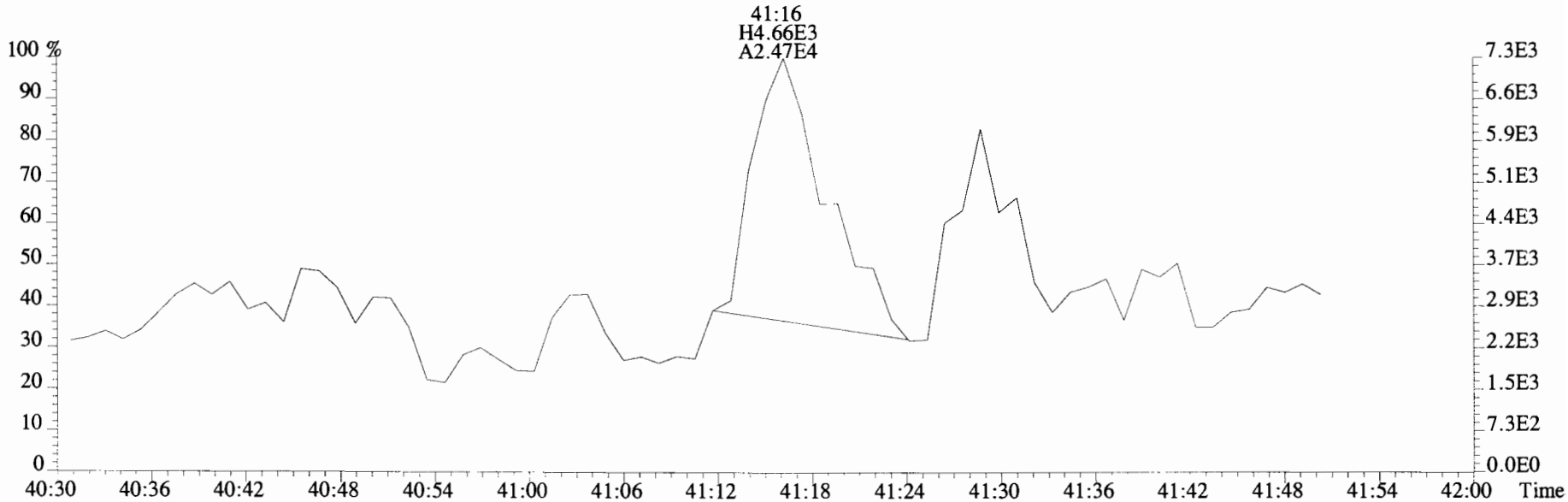
330.9792 S:2 F:3



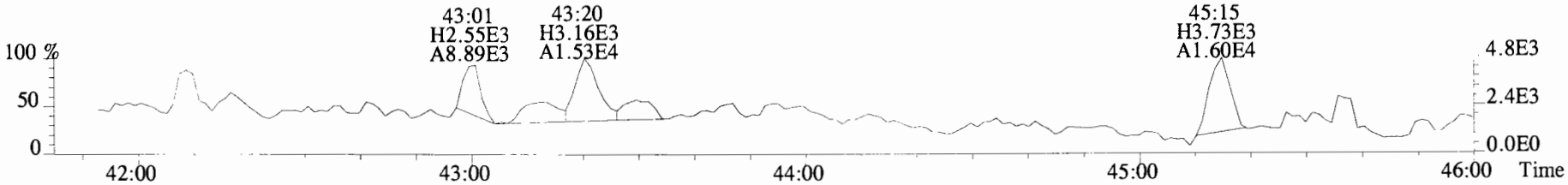
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2836.0,0.00%,F,F)



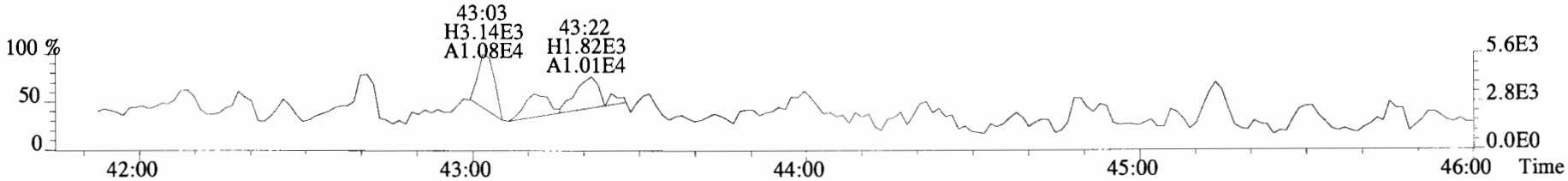
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2712.0,0.00%,F,F)



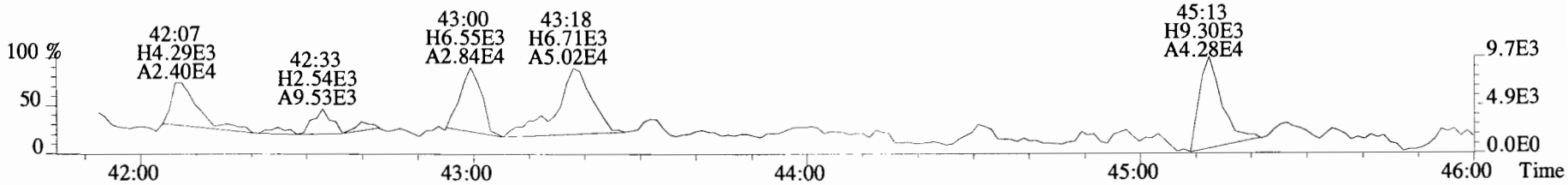
File:180409E3 #1-574 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



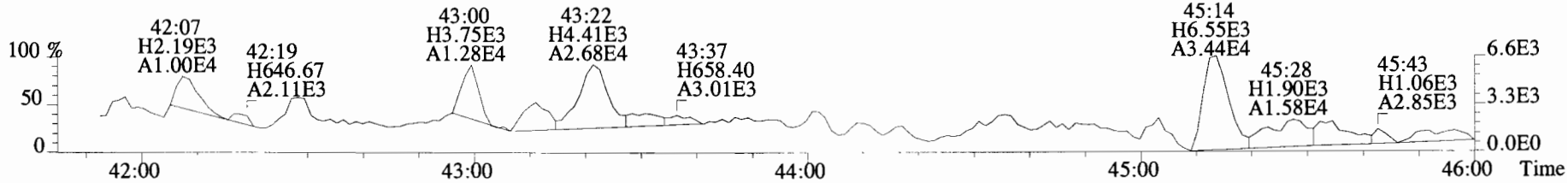
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2380.0,0.00%,F,F)



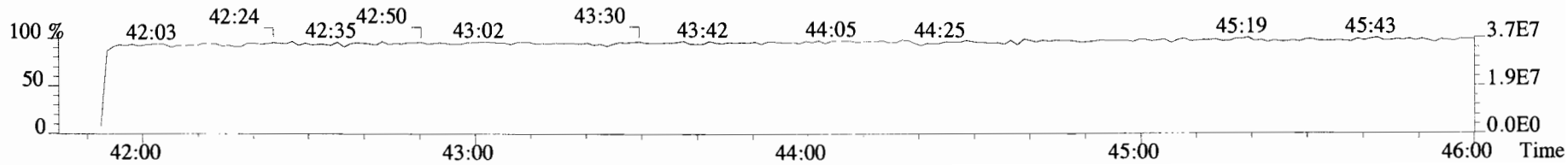
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2488.0,0.00%,F,F)



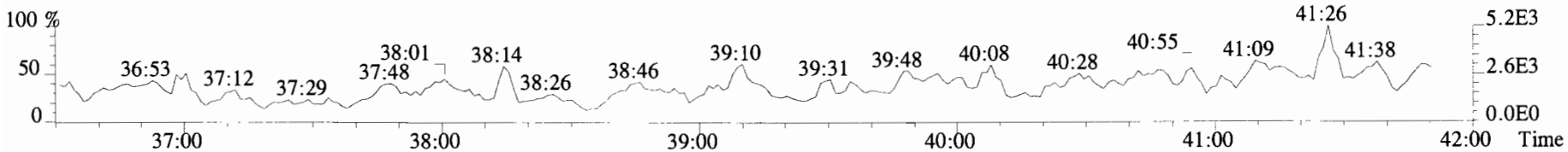
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2296.0,0.00%,F,F)



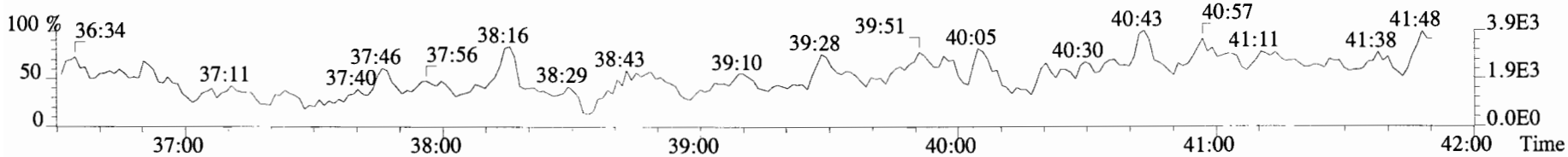
380.9760 S:2 F:4



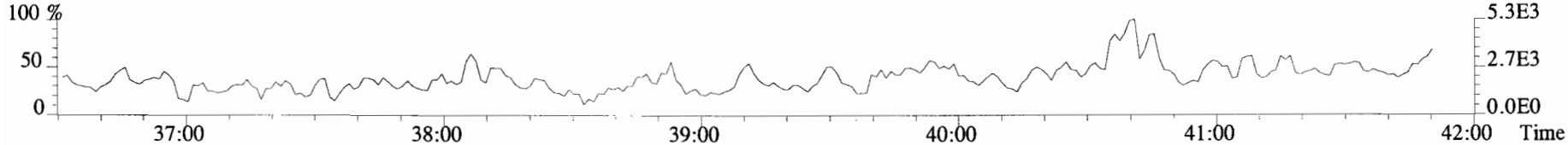
File:180409E3 #1-756 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



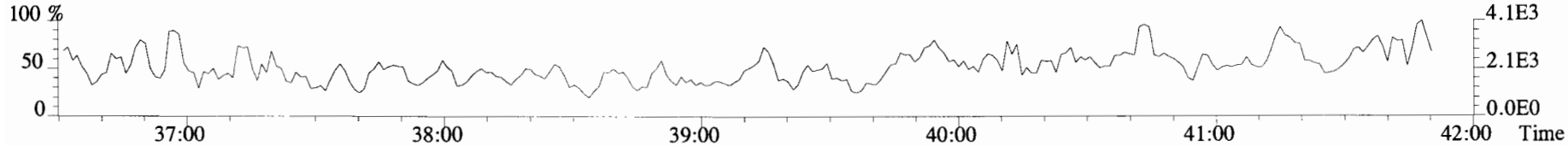
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



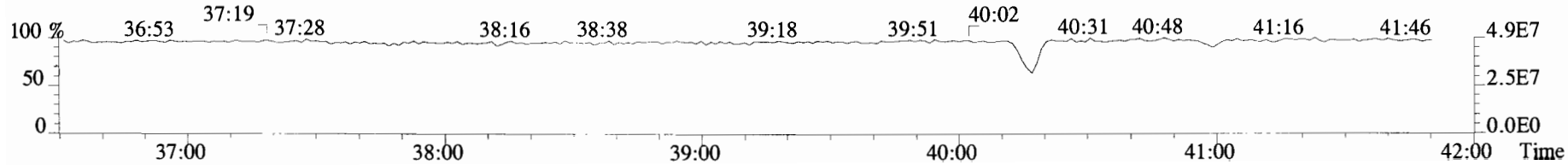
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2420.0,0.00%,F,F)



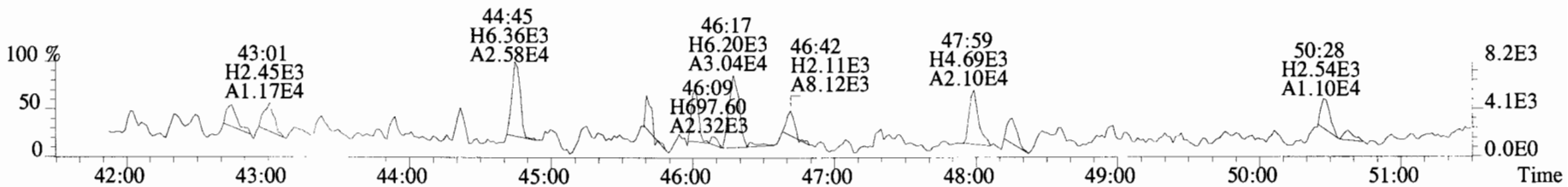
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2416.0,0.00%,F,F)



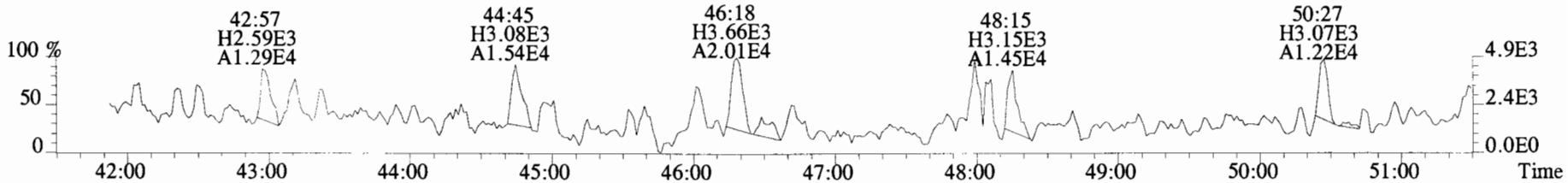
330.9792 S:2 F:3



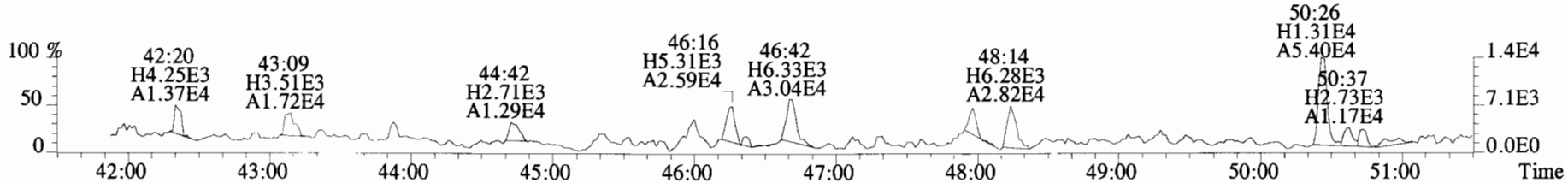
File:180409E3 #1-574 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2296.0,0.00%,F,F)



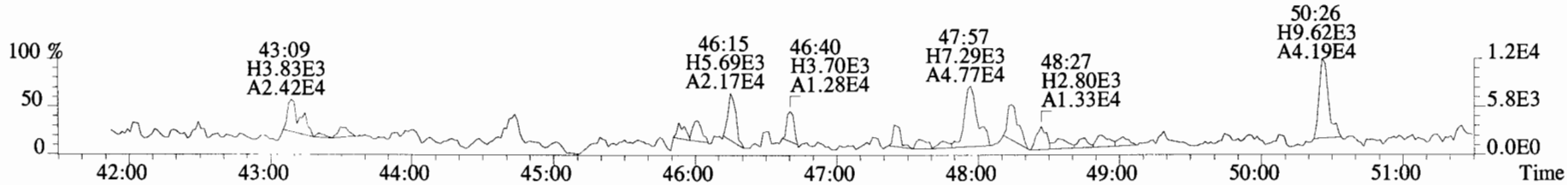
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



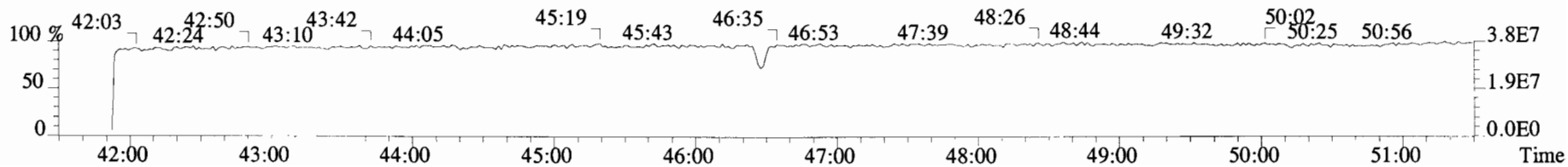
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



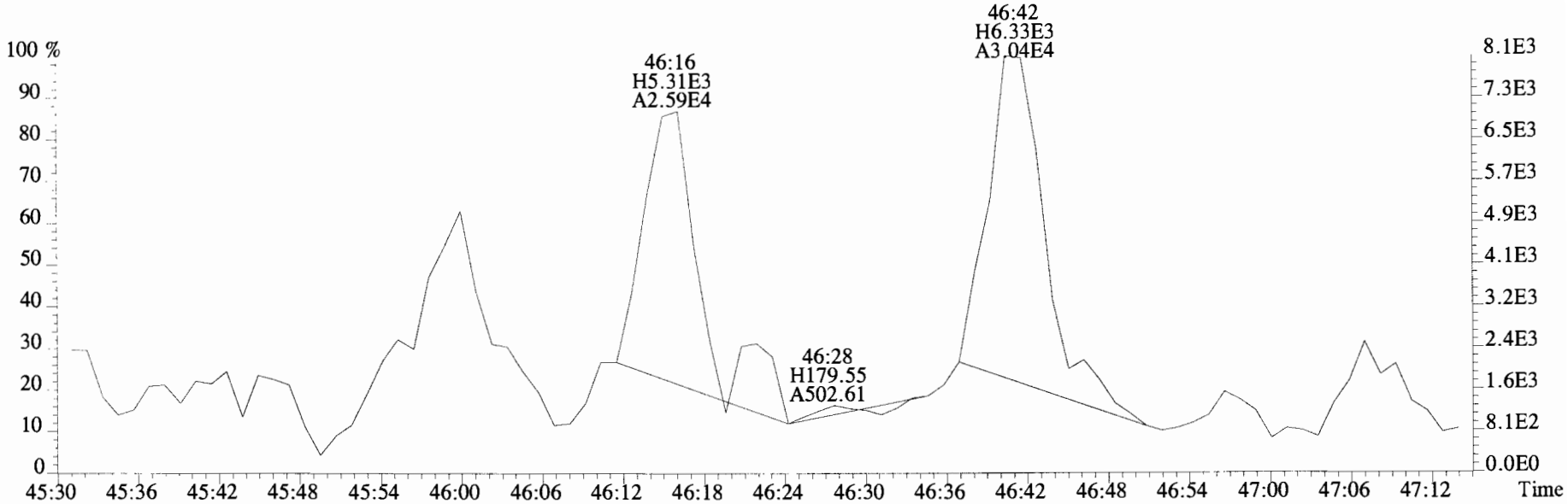
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2440.0,0.00%,F,F)



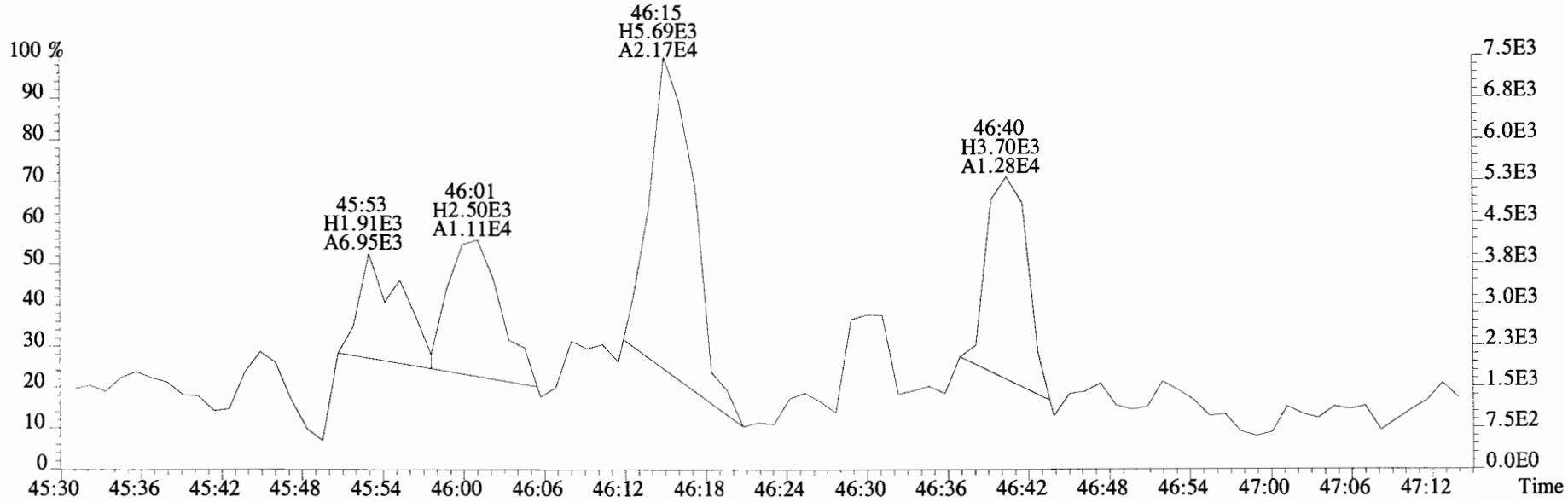
380.9760 S:2 F:4



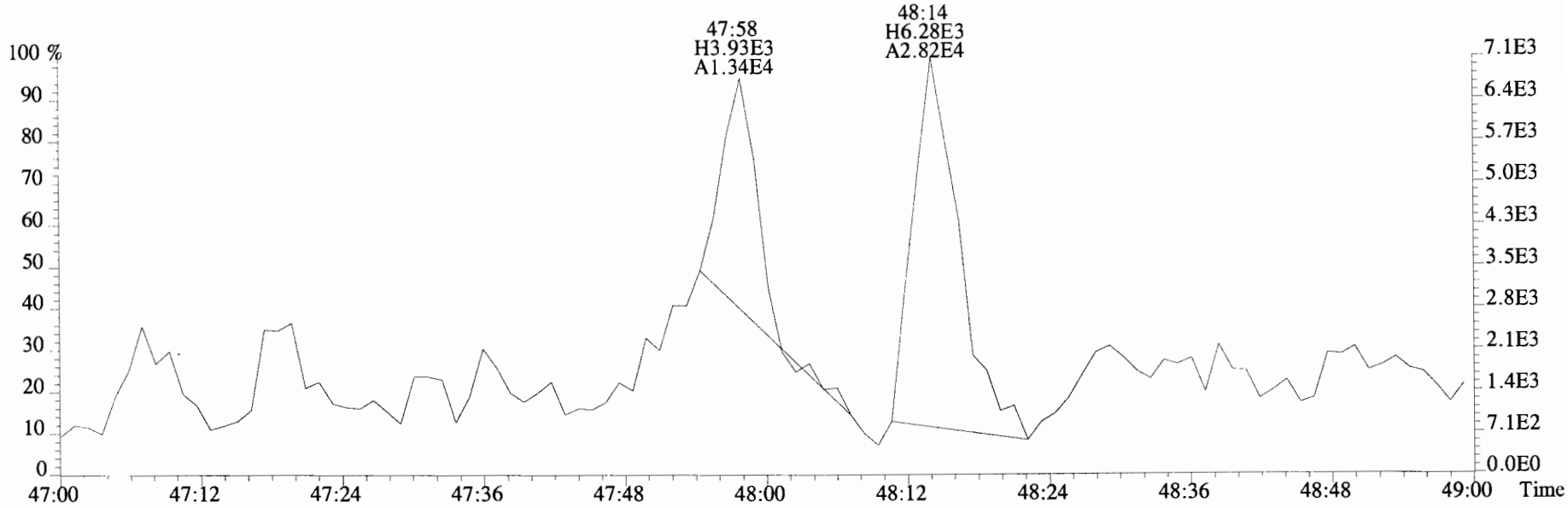
File:180409E3 #1-574 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



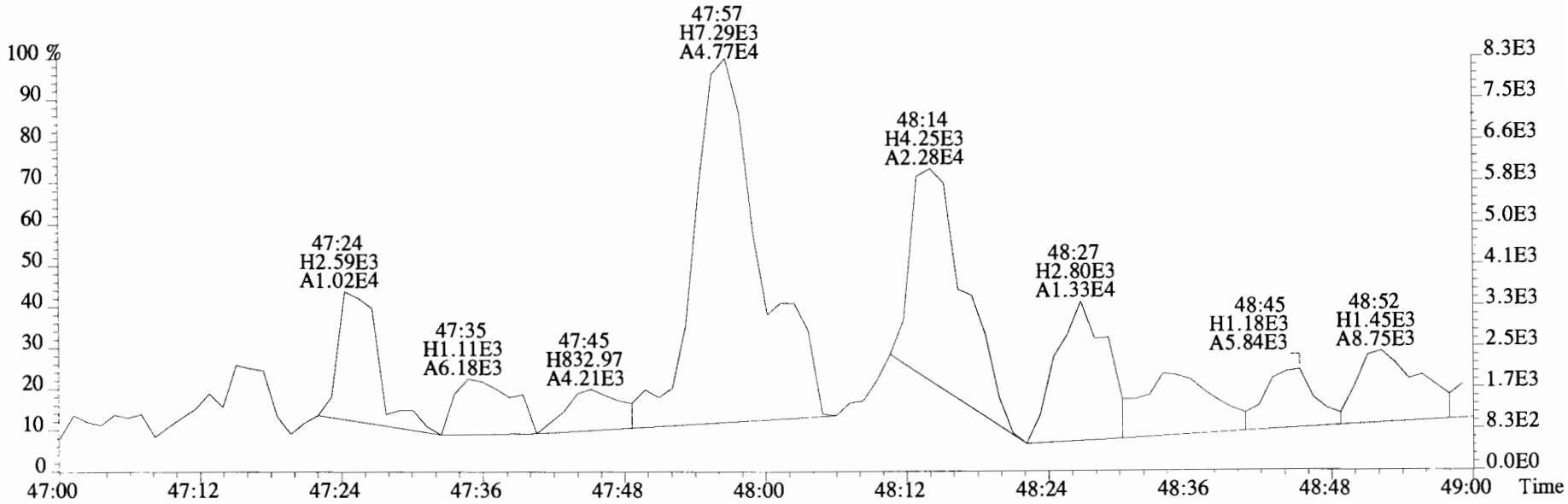
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2440.0,0.00%,F,F)



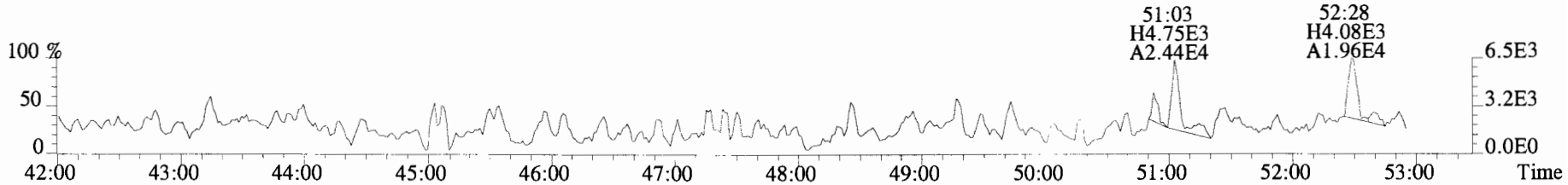
File:180409E3 #1-574 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



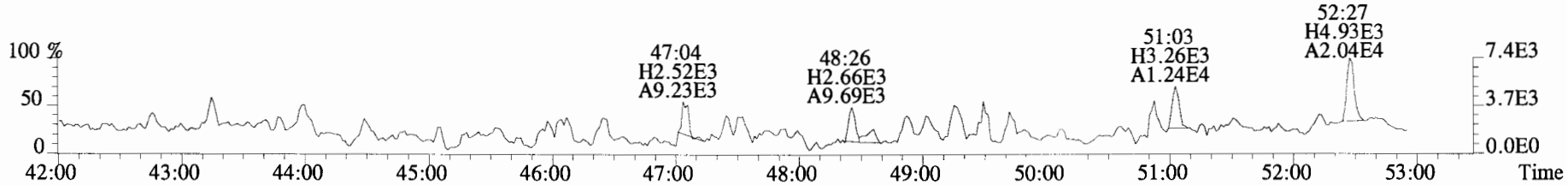
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2440.0,0.00%,F,F)



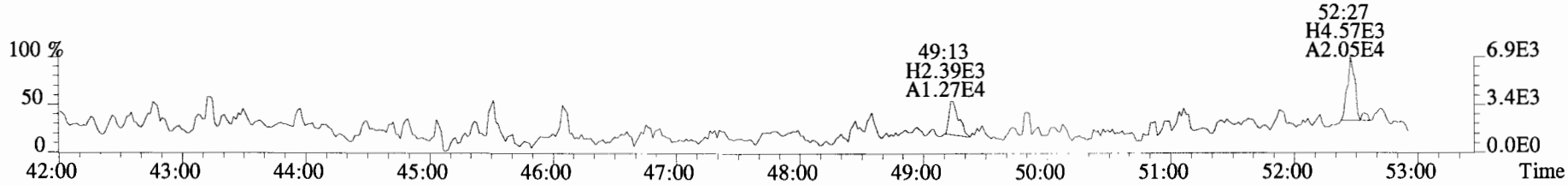
File:180409E3 #1-574 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2396.0,0.00%,F,F)



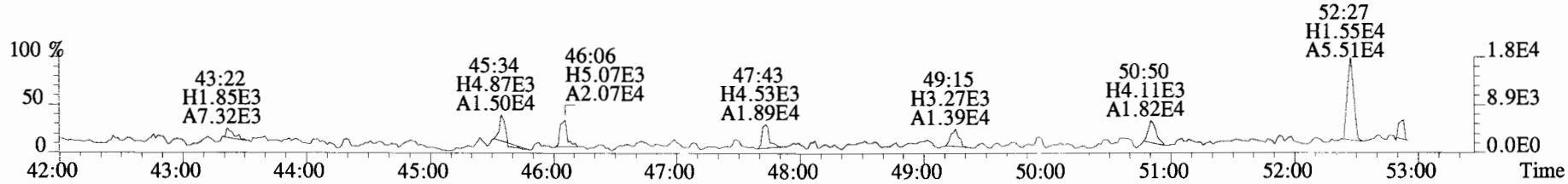
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2168.0,0.00%,F,F)



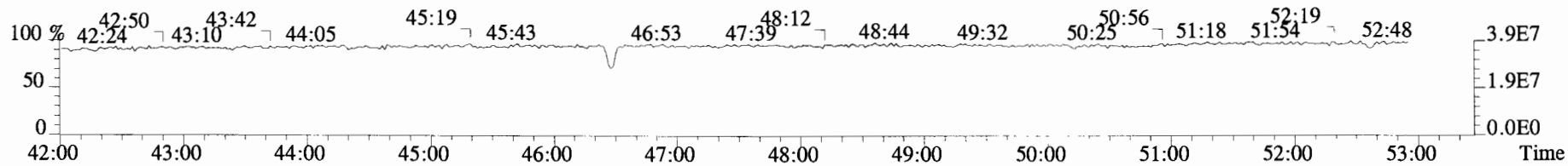
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



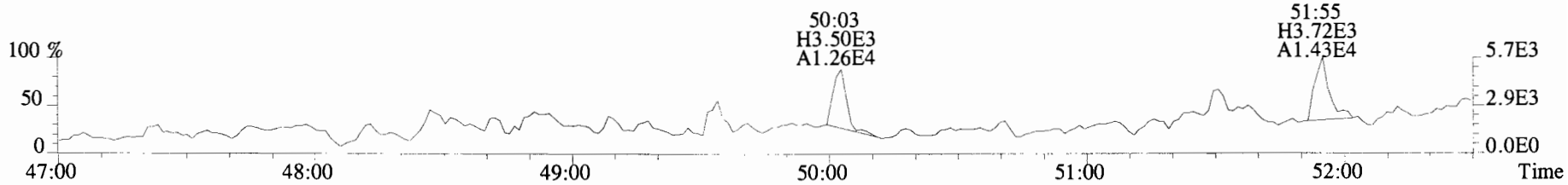
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2376.0,0.00%,F,F)



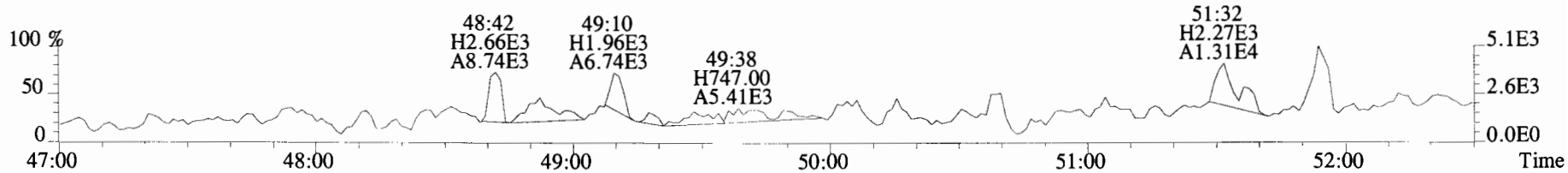
380.9760 S:2 F:4



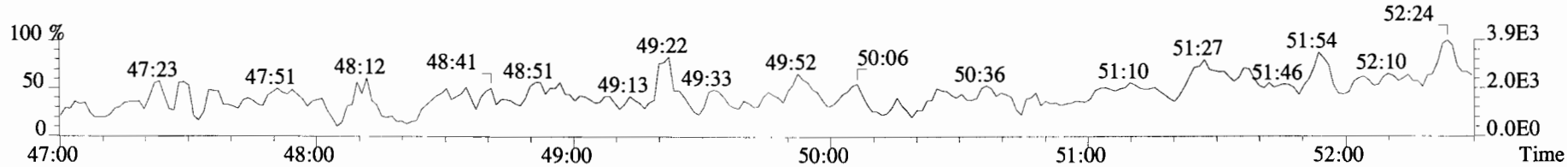
File:180409E3 #1-574 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



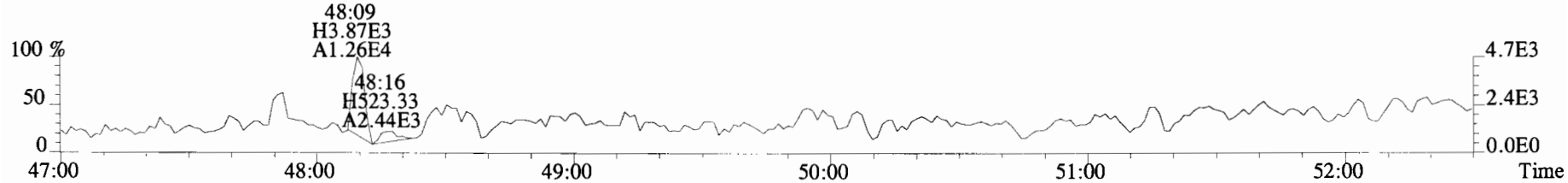
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



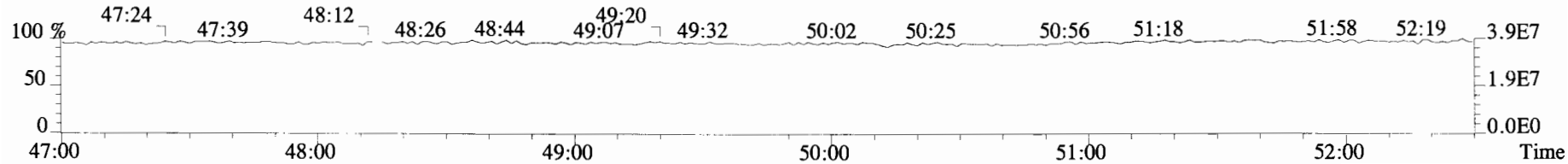
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



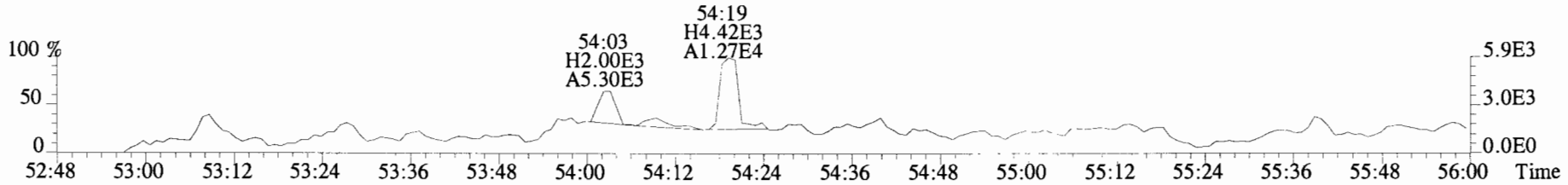
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



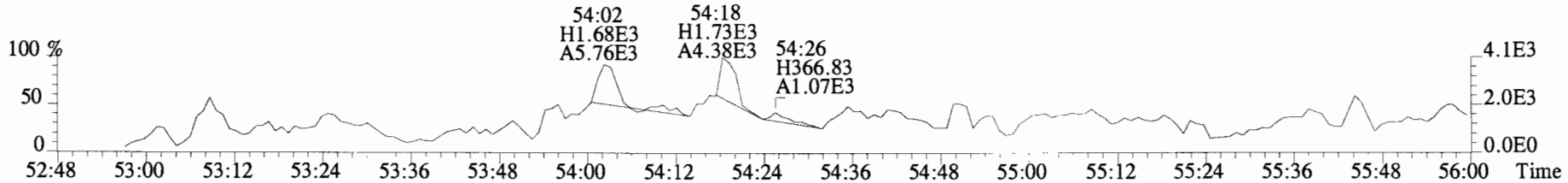
380.9760 S:2 F:4



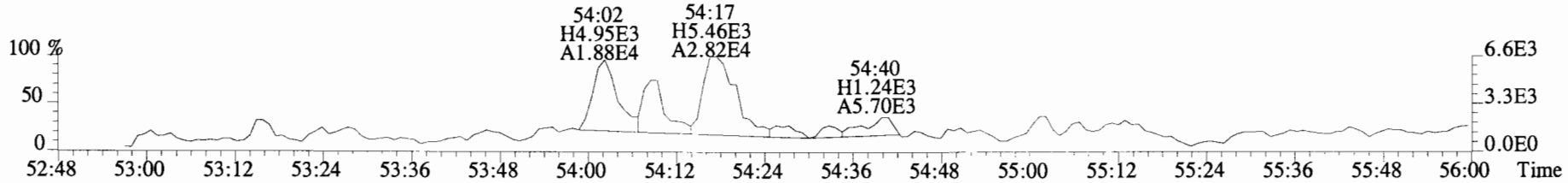
File:180409E3 #1-407 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



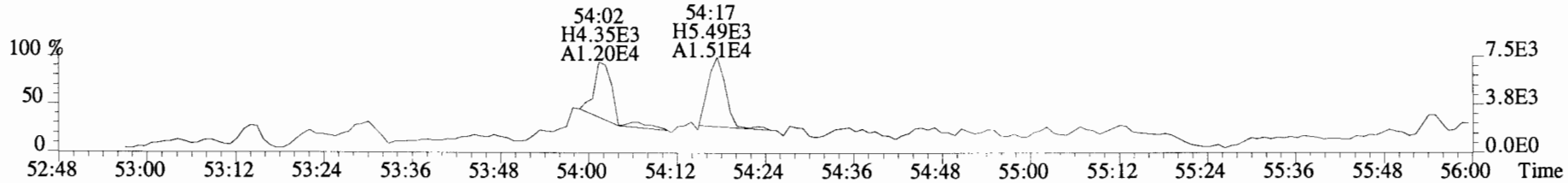
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1712.0,0.00%,F,F)



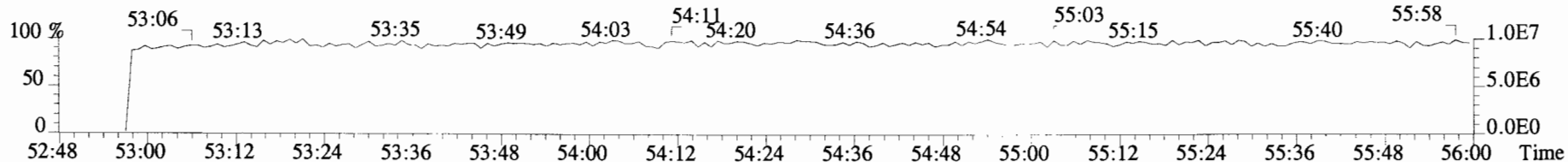
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



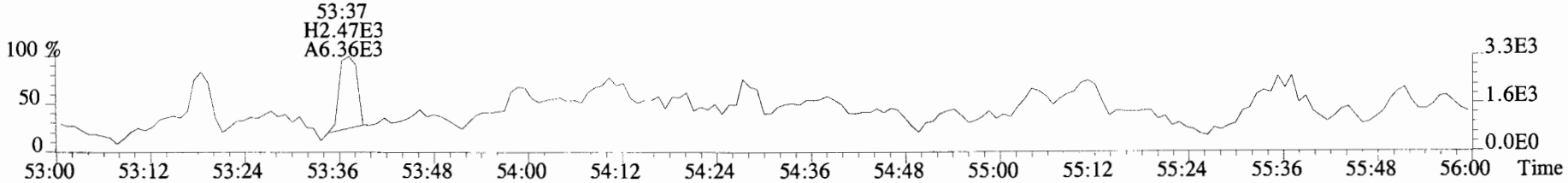
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1864.0,0.00%,F,F)



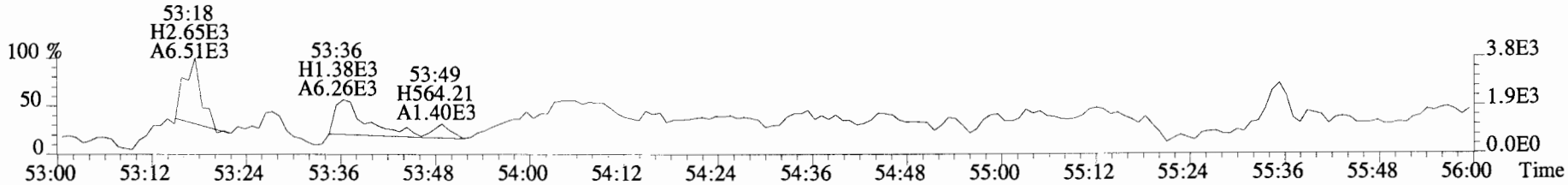
492.9697 S:2 F:5



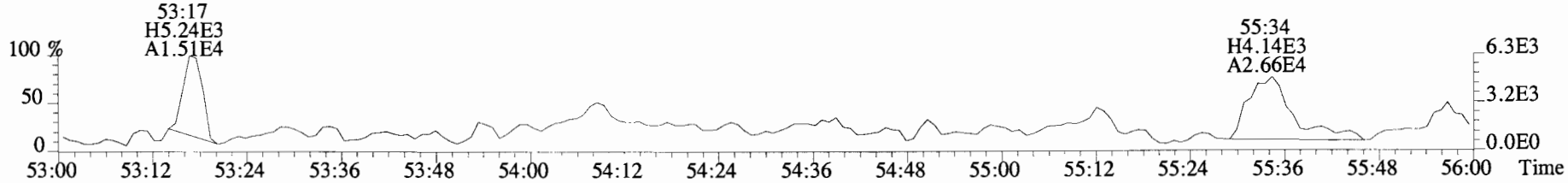
File:180409E3 #1-407 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



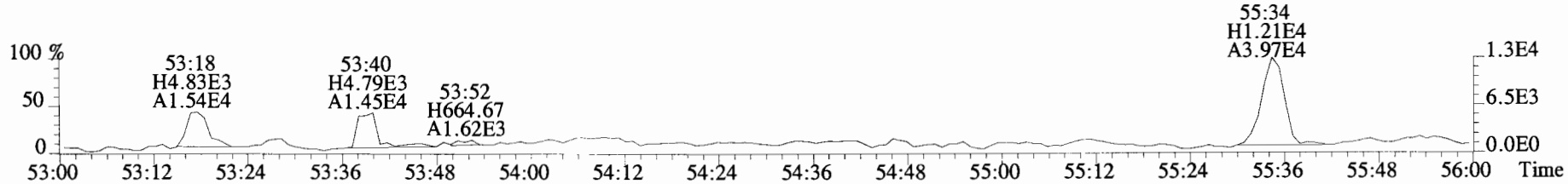
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



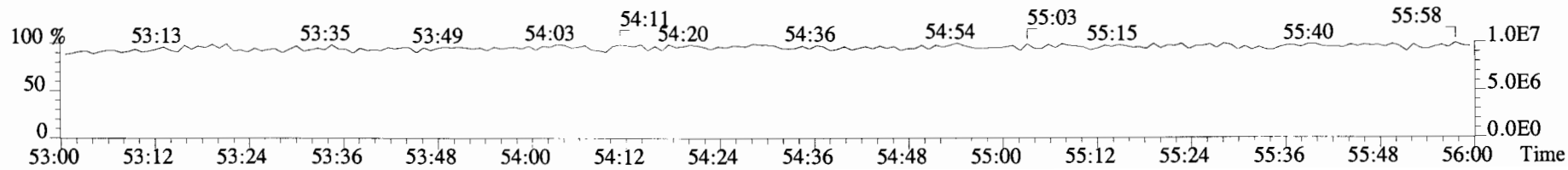
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



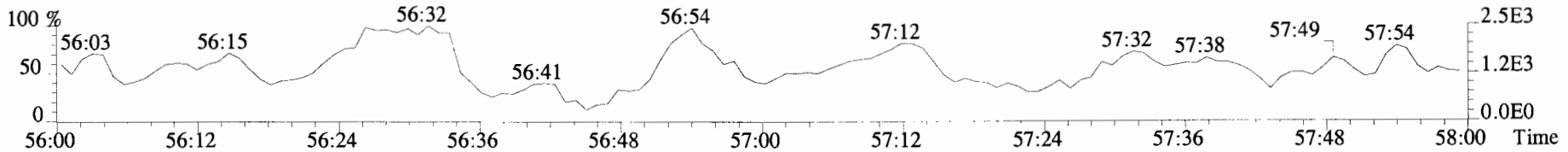
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1648.0,0.00%,F,F)



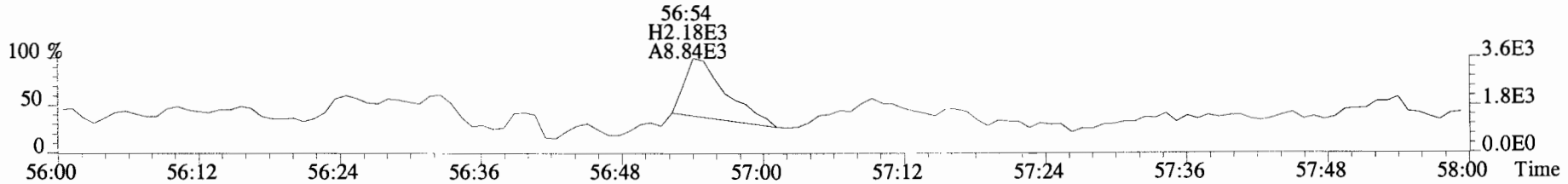
492.9697 S:2 F:5



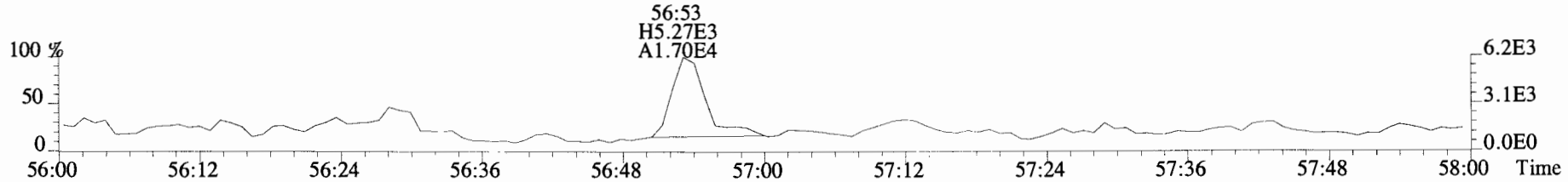
File:180409E3 #1-407 Acq:10-APR-2018 21:06:34 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



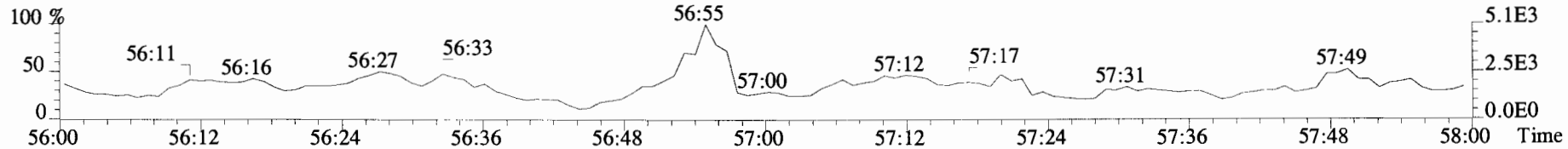
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



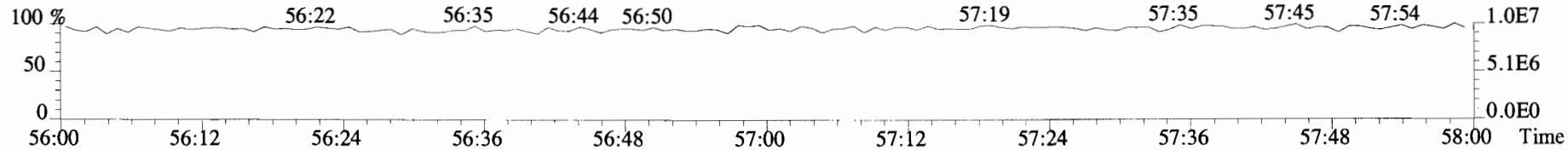
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2124.0,0.00%,F,F)



492.9697 S:2 F:5



INITIAL CALIBRATION

Initial Calibration RRF Summary (ICAL) Vista Analytical Laboratory
Run: 180208E1 Analyte: PCBNEW Cal: PCBVG8-2-8-18 Inst. ID. VG-8

Data filename: 180208E1

			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	1.073	6.13 %	1.14	1.15	1.09	1.00	1.05	1.01
PCB-2	1.059	7.19 %	1.17	1.13	1.06	0.97	1.02	1.00
PCB-3	1.061	7.61 %	1.19	1.11	1.08	0.98	1.02	0.99
PCB-4/10	1.237	6.20 %	1.29	1.35	1.27	1.16	1.20	1.15
PCB-7/9	0.993	7.86 %	1.10	1.07	1.01	0.91	0.95	0.92
PCB-6	1.058	6.90 %	1.16	1.12	1.09	0.98	1.02	0.99
PCB-5/8	1.028	6.70 %	1.10	1.11	1.03	0.96	1.00	0.96
PCB-14	1.032	5.99 %	1.01	1.13	1.08	0.99	1.00	0.98
PCB-11	1.112	6.22 %	1.18	1.19	1.15	1.05	1.06	1.04
PCB-12/13	1.018	5.16 %	1.06	1.10	1.03	0.96	0.99	0.97
PCB-15	1.055	6.07 %	1.04	1.16	1.10	1.00	1.03	0.99
PCB-19	1.197	5.83 %	1.26	1.27	1.24	1.12	1.15	1.13
PCB-30	1.927	6.78 %	2.02	2.11	1.98	1.78	1.85	1.82
PCB-18	0.913	6.05 %	0.95	0.97	0.97	0.87	0.85	0.86
PCB-17	0.841	6.27 %	0.88	0.91	0.87	0.80	0.79	0.80
PCB-24/27	1.150	4.98 %	1.15	1.24	1.20	1.10	1.11	1.11
PCB-16/32	1.020	7.62 %	1.13	1.09	1.03	0.95	0.96	0.95
PCB-34	0.960	9.39 %	0.99	1.05	1.04	0.86	0.84	0.97
PCB-23	0.949	3.39 %	0.96	0.95	0.90	0.96	0.93	1.00
PCB-29	0.962	4.29 %	1.00	0.98	0.98	0.93	0.90	0.98
PCB-26	1.003	2.77 %	1.03	1.04	1.00	0.97	0.97	1.01
PCB-25	1.056	3.69 %	1.11	1.08	1.07	1.01	1.02	1.06
PCB-31	1.116	3.10 %	1.11	1.09	1.10	1.10	1.11	1.19
PCB-28	1.137	5.24 %	1.17	1.21	1.19	1.07	1.10	1.09
PCB-20/21/33	0.995	3.84 %	1.03	1.00	0.98	0.93	0.98	1.04
PCB-22	1.087	4.60 %	1.12	1.11	1.05	1.02	1.07	1.15
PCB-36	1.150	8.05 %	1.26	1.25	1.18	1.08	1.08	1.05
PCB-39	1.069	7.17 %	1.18	1.13	1.10	1.01	1.00	0.99
PCB-38	1.102	6.63 %	1.20	1.17	1.13	1.03	1.06	1.03
PCB-35	1.123	4.97 %	1.16	1.20	1.13	1.05	1.10	1.08
PCB-37	1.113	6.98 %	1.23	1.15	1.15	1.04	1.06	1.04
PCB-54	1.073	6.41 %	1.16	1.13	1.11	1.01	1.03	1.00
PCB-50	0.873	6.47 %	0.91	0.92	0.91	0.83	0.89	0.78
PCB-53	1.010	9.26 %	1.07	1.11	1.09	0.90	0.97	0.92
PCB-51	1.100	10.14 %	1.23	1.19	1.16	0.96	1.04	1.00
PCB-45	0.872	8.59 %	0.94	0.94	0.93	0.79	0.83	0.80
PCB-46	0.837	7.72 %	0.91	0.90	0.87	0.77	0.79	0.78
PCB-52/69	1.212	3.11 %	1.24	1.24	1.25	1.15	1.19	1.20
PCB-73	1.453	12.06 %	1.69	1.60	1.52	1.29	1.36	1.27
PCB-43/49	1.011	6.23 %	1.04	1.10	1.04	0.92	0.98	0.98
PCB-47	0.906	10.99 %	0.92	1.05	0.99	0.81	0.83	0.83

MS 2/22/18

DB 2/22/18

PCB-48/75	1.134	5.87 %	1.24	1.18	1.14	1.07	1.10	1.06
PCB-65	1.271	7.64 %	1.46	1.28	1.23	1.20	1.22	1.24
PCB-62	1.096	7.98 %	1.12	1.23	1.15	1.01	1.05	1.01
PCB-44	0.855	5.88 %	0.86	0.95	0.87	0.81	0.84	0.82
PCB-42/59	1.021	6.01 %	1.10	1.08	1.03	0.94	1.00	0.97
PCB-41/64/71/72	1.166	4.31 %	1.23	1.22	1.17	1.10	1.16	1.13
PCB-68	1.278	8.40 %	1.47	1.31	1.27	1.18	1.23	1.20
PCB-40	0.624	4.82 %	0.64	0.66	0.65	0.59	0.61	0.59
PCB-57	1.129	9.12 %	1.24	1.26	1.15	1.03	1.06	1.04
PCB-67	1.103	8.98 %	1.25	1.20	1.07	1.00	1.04	1.05
PCB-58	1.123	7.27 %	1.15	1.18	1.25	1.03	1.08	1.07

PCB-63	1.001	7.38 %	1.13	1.04	0.99	0.94	0.96	0.94
PCB-74	1.184	6.77 %	1.27	1.28	1.20	1.10	1.12	1.12
PCB-61/70	1.028	8.08 %	1.14	1.09	1.07	0.95	0.97	0.95
PCB-76/66	1.134	6.53 %	1.23	1.21	1.15	1.06	1.08	1.07
PCB-80	1.193	7.80 %	1.29	1.30	1.24	1.10	1.12	1.11
PCB-55	1.159	5.51 %	1.20	1.24	1.20	1.07	1.12	1.12
PCB-56/60	1.043	6.71 %	1.13	1.12	1.05	0.97	0.99	0.99
PCB-79	1.169	7.70 %	1.30	1.25	1.18	1.08	1.10	1.10
PCB-78	1.105	7.95 %	1.23	1.19	1.11	1.02	1.05	1.03
PCB-81	0.969	6.28 %	1.01	1.06	0.99	0.90	0.94	0.91
PCB-77	1.082	8.00 %	1.22	1.15	1.08	1.00	1.03	1.02
PCB-104	1.078	8.00 %	1.17	1.18	1.10	0.99	1.02	1.00
PCB-96	1.131	4.84 %	1.14	1.22	1.14	1.06	1.13	1.10
PCB-103	0.908	6.15 %	0.96	0.98	0.87	0.84	0.90	0.88
PCB-100	0.925	3.63 %	0.94	0.98	0.93	0.88	0.93	0.90
PCB-94	0.914	6.18 %	0.97	0.96	0.96	0.84	0.89	0.87
PCB-95/98/102	1.172	8.23 %	1.32	1.23	1.18	1.08	1.15	1.07
PCB-93	0.926	4.63 %	0.97	0.98	0.94	0.89	0.87	0.91
PCB-88/91	0.974	9.21 %	1.06	1.07	1.04	0.87	0.92	0.89
PCB-121	1.681	5.57 %	1.83	1.73	1.57	1.63	1.72	1.61
PCB-84/92	0.973	5.66 %	1.01	1.04	1.02	0.90	0.95	0.92
PCB-89	1.065	6.31 %	1.14	1.12	1.12	0.99	1.04	0.99
PCB-90/101	1.077	5.48 %	1.14	1.13	1.10	1.01	1.06	1.01
PCB-113	1.477	4.68 %	1.52	1.57	1.51	1.43	1.38	1.46
PCB-99	1.253	9.15 %	1.43	1.30	1.23	1.14	1.31	1.12
PCB-119	1.700	3.91 %	1.66	1.81	1.76	1.63	1.67	1.68
PCB-108/112	1.404	6.74 %	1.50	1.53	1.43	1.32	1.31	1.34
PCB-83	1.754	6.67 %	1.89	1.89	1.78	1.61	1.71	1.65
PCB-97	1.175	4.87 %	1.24	1.24	1.19	1.12	1.13	1.12
PCB-86	1.082	3.73 %	1.04	1.11	1.15	1.06	1.07	1.06
PCB-87/117/125	1.552	4.81 %	1.62	1.64	1.59	1.46	1.49	1.50
PCB-111/115	1.794	6.19 %	1.90	1.96	1.78	1.67	1.74	1.72
PCB-85/116	1.291	3.58 %	1.27	1.34	1.36	1.25	1.26	1.26
PCB-120	1.983	6.99 %	2.18	2.14	1.93	1.85	1.91	1.90
PCB-110	1.685	5.66 %	1.74	1.69	1.85	1.60	1.63	1.61
PCB-82	0.807	7.47 %	0.86	0.86	0.86	0.73	0.76	0.77
PCB-124	1.296	4.96 %	1.24	1.34	1.36	1.29	1.20	1.33
PCB-107/109	1.314	9.40 %	1.50	1.39	1.34	1.17	1.28	1.19
PCB-123	1.119	6.63 %	1.25	1.16	1.12	1.05	1.06	1.07
PCB-106/118	1.179	5.88 %	1.21	1.27	1.23	1.10	1.16	1.10
PCB-114	1.112	5.81 %	1.16	1.18	1.17	1.04	1.08	1.04
PCB-122	1.028	6.25 %	1.14	1.06	1.02	0.98	0.99	0.97
PCB-105	1.123	5.02 %	1.15	1.21	1.15	1.06	1.09	1.08
PCB-127	1.118	6.67 %	1.21	1.19	1.15	1.03	1.08	1.05
PCB-126	1.200	4.09 %	1.24	1.24	1.25	1.13	1.18	1.16
PCB-155	0.987	6.92 %	1.06	1.07	1.01	0.91	0.95	0.93
PCB-150	1.025	4.44 %	1.07	1.07	1.05	0.97	1.01	0.98
PCB-152	1.157	4.55 %	1.24	1.19	1.17	1.09	1.14	1.11
PCB-145	1.129	4.88 %	1.18	1.20	1.14	1.06	1.11	1.08
PCB-136	1.023	7.49 %	1.11	1.08	1.08	0.92	0.98	0.97

PCB-148	0.773	3.42 %	0.80	0.79	0.73	0.76	0.79	0.77
PCB-154	0.876	5.39 %	0.97	0.87	0.86	0.83	0.87	0.85
PCB-151	0.752	2.07 %	0.74	0.76	0.77	0.73	0.76	0.74
PCB-135	0.860	5.19 %	0.86	0.94	0.81	0.82	0.87	0.85
PCB-144	0.766	5.72 %	0.79	0.78	0.83	0.73	0.75	0.72
PCB-147	0.805	4.47 %	0.87	0.81	0.80	0.78	0.81	0.76
PCB-139/149	0.880	3.35 %	0.90	0.92	0.88	0.84	0.89	0.85
PCB-140	0.769	4.96 %	0.80	0.81	0.78	0.73	0.76	0.72
PCB-134/143	0.762	5.66 %	0.80	0.81	0.79	0.71	0.75	0.72
PCB-131/133	0.817	4.62 %	0.85	0.86	0.83	0.76	0.80	0.80
PCB-142	0.732	6.54 %	0.81	0.73	0.77	0.68	0.71	0.70

PCB-146/165	1.020	5.25 %	1.08	1.07	1.04	0.94	0.99	0.99
PCB-132/161	1.004	4.87 %	1.04	1.07	1.02	0.93	0.98	0.98
PCB-153	1.077	6.13 %	1.16	1 16	1.07	1.01	1.04	1.02
PCB-168	1.117	11.99 %	1.37	1.14	1.11	1.00	1.05	1.04
PCB-141	1.018	6.34 %	1.06	1.10	1.06	0.94	0.98	0.97
PCB-137	1.103	7.02 %	1.21	1.19	1.05	1.04	1.06	1.07
PCB-130	0.806	5.09 %	0.84	0.78	0.87	0.77	0.80	0.77
PCB-138/163/164	1.235	6.33 %	1.33	1.32	1.25	1.13	1.20	1.18
PCB-158/160	1.182	6.67 %	1.27	1.28	1.16	1.09	1.15	1.12
PCB-129	0.782	8.19 %	0.89	0.82	0.78	0.72	0.75	0.73
PCB-166	1.127	7.00 %	1.20	1.24	1.13	1.04	1.09	1.06
PCB-159	1.158	3.96 %	1.15	1.23	1.18	1.10	1.16	1.13
PCB-128/162	0.892	5.71 %	0.89	0.96	0.94	0.84	0.87	0.85
PCB-167	1.020	5.21 %	1.03	1.09	1.07	0.95	1.00	0.97
PCB-156	1.064	8.36 %	1.18	1.13	1.11	0.97	1.00	0.99
PCB-157	1.025	6.13 %	1.10	1.09	1.05	0.96	0.98	0.97
PCB-169	1.130	4.80 %	1.15	1.22	1.15	1.06	1.10	1.10
PCB-188	1.373	8.18 %	1.53	1.46	1.40	1.24	1.31	1.30
PCB-184	1.319	5.43 %	1.40	1.41	1.33	1.23	1.28	1.27
PCB-179	1.385	5.63 %	1.50	1.44	1.41	1.29	1.33	1.33
PCB-176	1.309	7.50 %	1.48	1.36	1.29	1.23	1.25	1.25
PCB-186	1.421	7.44 %	1.54	1.57	1.34	1.31	1.37	1.39
PCB-178	0.970	4.41 %	0.99	1.05	0.96	0.93	0.94	0.96
PCB-175	0.998	2.87 %	0.99	1.04	1.01	0.96	0.99	1.01
PCB-182/187	1.142	6.04 %	1.25	1.20	1.09	1.07	1.11	1.13
PCB-183	1.128	6.01 %	1.24	1.18	1.12	1.06	1.07	1.10
PCB-185	1.355	6.16 %	1.31	1.50	1.39	1.28	1.34	1.30
PCB-174	1.415	7.45 %	1.49	1.46	1.55	1.27	1.36	1.35
PCB-181	1.475	3.67 %	1.52	1.55	1.41	1.44	1.49	1.43
PCB-177	1.327	4.38 %	1.41	1.38	1.31	1.27	1.31	1.28
PCB-171	1.370	5.85 %	1.46	1.43	1.43	1.26	1.34	1.31
PCB-173	1.268	7.66 %	1.43	1.31	1.29	1.16	1.23	1.19
PCB-172	1.386	4.08 %	1.38	1.46	1.43	1.30	1.39	1.36
PCB-192	1.804	3.70 %	1.81	1.88	1.85	1.69	1.82	1.77
PCB-180	1.516	5.07 %	1.61	1.56	1.57	1.41	1.49	1.46
PCB-193	1.712	9.38 %	1.96	1.86	1.66	1.55	1.64	1.60
PCB-191	1.739	4.26 %	1.76	1.81	1.83	1.63	1.71	1.69
PCB-170	1.436	6.83 %	1.39	1.63	1.43	1.35	1.42	1.40
PCB-190	1.953	6.00 %	2.01	2.15	1.93	1.80	1.94	1.89
PCB-189	1.457	7.03 %	1.59	1.56	1.49	1.35	1.38	1.38
PCB-202	1.060	3.15 %	1.09	1.08	1.09	1.01	1.05	1.04
PCB-201	0.977	3.37 %	0.99	1.02	1.01	0.94	0.95	0.95
PCB-204	1.070	6.47 %	1.07	1.19	1.08	0.99	1.06	1.04
PCB-197	1.098	9.42 %	1.20	1.24	1.12	0.98	1.03	1.03
PCB-200	1.041	7.42 %	1.08	1.15	1.08	0.94	0.99	1.00
PCB-198	0.839	8.60 %	0.87	0.95	0.88	0.77	0.77	0.80
PCB-199	0.799	9.16 %	0.87	0.90	0.77	0.71	0.78	0.77
PCB-196/203	0.841	8.91 %	0.81	0.98	0.87	0.76	0.81	0.82
PCB-195	1.036	6.19 %	1.11	1.11	1.04	0.98	1.01	0.97
PCB-194	1.157	8.11 %	1.32	1.21	1.16	1.07	1.11	1.07

PCB-205	1.330	5.04 %	1.40	1.41	1.35	1.26	1.30	1.26
PCB-208	0.896	4.81 %	0.92	0.92	0.96	0.84	0.88	0.86
PCB-207	0.888	5.44 %	0.89	0.97	0.90	0.83	0.88	0.87
PCB-206	0.881	4.46 %	0.93	0.92	0.91	0.84	0.86	0.84
PCB-209	1.042	5.70 %	1.12	1.09	1.05	0.96	1.02	1.00
Total Mono-PCB	1.064	6.89 %	1.16	1.13	1.08	0.98	1.03	1.00
Total Di-PCB	1.038	5.93 %	1.09	1.12	1.06	0.98	1.00	0.98
Total Tri-PCB	1.150	5.95 %	1.21	1.24	1.19	1.08	1.10	1.09

Total Tri-PCB	1.051	4.10 %	1.10	1.09	1.06	1.00	1.01	1.04
Total Tetra-PCB	1.063	6.28 %	1.14	1.13	1.09	0.98	1.03	1.00
Total Penta-PCB	1.180	5.40 %	1.25	1.25	1.19	1.10	1.15	1.12
Total Penta-PCB	1.116	5.24 %	1.18	1.17	1.14	1.05	1.09	1.06
Total Hexa-PCB	0.906	4.09 %	0.95	0.94	0.91	0.86	0.90	0.87
Total Hexa-PCB	1.002	5.66 %	1.07	1.07	1.02	0.93	0.97	0.96
Total Hepta-PCB	1.348	5.12 %	1.44	1.42	1.35	1.26	1.31	1.31
Total Octa-PCB	0.952	6.67 %	0.98	1.05	0.97	0.87	0.92	0.92
Total Octa-PCB	1.174	6.25 %	1.28	1.24	1.18	1.10	1.14	1.10
Total Nona-PCB	0.889	4.53 %	0.91	0.94	0.92	0.83	0.87	0.86
Total Deca-PCB	1.042	5.70 %	1.12	1.09	1.05	0.96	1.02	1.00
13C-PCB-1	1.132	5.38 %	1.07	1.10	1.16	1.17	1.07	1.22
13C-PCB-3	1.212	4.20 %	1.16	1.18	1.24	1.25	1.17	1.28
13C-PCB-4	0.595	4.03 %	0.57	0.58	0.60	0.62	0.57	0.62
13C-PCB-9	0.942	2.13 %	0.93	0.94	0.95	0.96	0.91	0.96
13C-PCB-11	0.949	0.68 %	0.96	0.94	0.95	0.95	0.94	0.95
13C-PCB-19	0.624	2.08 %	0.61	0.61	0.63	0.63	0.64	0.63
13C-PCB-32	0.911	2.87 %	0.91	0.90	0.90	0.89	0.96	0.91
13C-PCB-28	1.049	7.16 %	1.14	1.10	1.08	1.01	1.03	0.93
13C-PCB-37	1.019	2.48 %	1.04	0.99	1.00	1.01	1.04	1.05
13C-PCB-54	0.930	6.17 %	0.91	1.01	0.99	0.91	0.86	0.90
13C-PCB-52	0.765	3.00 %	0.75	0.79	0.79	0.77	0.74	0.75
13C-PCB-47	0.835	2.53 %	0.82	0.85	0.87	0.83	0.82	0.83
13C-PCB-70	0.999	0.90 %	0.98	1.00	1.01	1.00	1.01	1.00
13C-PCB-80	0.997	0.93 %	0.99	0.98	1.00	1.01	1.01	0.99
13C-PCB-81	1.008	1.10 %	1.01	1.00	0.99	1.01	1.02	1.01
13C-PCB-77	0.961	2.04 %	0.95	0.94	0.94	0.98	0.99	0.97
13C-PCB-104	1.008	3.81 %	0.99	1.02	1.08	1.01	0.97	0.99
13C-PCB-95	0.803	2.13 %	0.78	0.80	0.83	0.80	0.79	0.81
13C-PCB-101	0.803	1.33 %	0.80	0.80	0.82	0.80	0.79	0.81
13C-PCB-97	0.702	0.74 %	0.70	0.70	0.71	0.70	0.70	0.70
13C-PCB-123	0.946	1.26 %	0.95	0.93	0.95	0.96	0.95	0.93
13C-PCB-118	0.997	1.85 %	0.99	0.97	0.98	1.02	1.01	1.01
13C-PCB-114	1.183	2.55 %	1.18	1.20	1.23	1.18	1.14	1.17
13C-PCB-105	1.142	2.43 %	1.11	1.16	1.18	1.16	1.11	1.13
13C-PCB-127	1.243	2.02 %	1.25	1.24	1.26	1.26	1.20	1.24
13C-PCB-126	1.137	1.36 %	1.14	1.13	1.14	1.16	1.11	1.14
13C-PCB-155	0.826	2.54 %	0.84	0.84	0.85	0.81	0.82	0.80
13C-PCB-153	1.336	2.63 %	1.33	1.36	1.39	1.33	1.32	1.28
13C-PCB-141	1.107	2.34 %	1.10	1.13	1.15	1.10	1.10	1.08
13C-PCB-138	1.173	0.83 %	1.16	1.17	1.19	1.18	1.18	1.16
13C-PCB-159	1.388	1.05 %	1.38	1.39	1.36	1.40	1.40	1.40
13C-PCB-167	1.400	1.06 %	1.40	1.38	1.42	1.41	1.40	1.39
13C-PCB-156	1.383	2.80 %	1.37	1.32	1.44	1.38	1.40	1.39
13C-PCB-157	1.372	3.13 %	1.36	1.30	1.44	1.37	1.37	1.39
13C-PCB-169	1.391	2.57 %	1.35	1.39	1.45	1.39	1.37	1.40
13C-PCB-188	1.398	3.12 %	1.37	1.40	1.47	1.38	1.41	1.35
13C-PCB-180	0.977	3.62 %	0.97	0.93	1.04	0.97	0.97	0.98
13C-PCB-170	0.858	3.97 %	0.83	0.84	0.92	0.86	0.83	0.87
13C-PCB-189	1.149	2.75 %	1.13	1.12	1.20	1.13	1.15	1.17
13C-PCB-202	1.281	4.41 %	1.28	1.19	1.36	1.28	1.30	1.28

13C-PCB-194	0.770	1.20 %	0.76	0.76	0.77	0.76	0.77	0.79
13C-PCB-208	1.093	1.71 %	1.11	1.08	1.07	1.07	1.11	1.11
13C-PCB-206	0.808	1.98 %	0.80	0.80	0.80	0.80	0.82	0.83
13C-PCB-209	0.736	3.69 %	0.69	0.74	0.74	0.74	0.76	0.76
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	1.034	0.79 %	1.02	1.05	1.03	1.03	1.04	1.04
13C-PCB-178	0.927	1.97 %	0.92	0.95	0.93	0.91	0.94	0.90
13C-PCB-79	1.026	1.27 %	1.02	1.05	1.04	1.02	1.01	1.02
13C-PCB-178	0.950	4.64 %	0.95	1.02	0.89	0.94	0.98	0.92

Filename: 180208E1 S: 1 Acquired: 8-FEB-18 08:34:42
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-1 PCB CS0 17L3003

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	0.25	8.77e+05	2.96 y	16:01	-	1.14
2	Mono	PCB-2	0.25	9.76e+05	2.96 y	18:24	-	1.17
3	Mono	PCB-3	0.25	9.95e+05	3.27 y	18:38	-	1.19
4	Di	PCB-4/10	0.50	1.06e+06	1.63 y	20:01	-	1.29
5	Di	PCB-7/9	0.50	1.47e+06	1.53 y	21:48	-	1.10
6	Di	PCB-6	0.25	7.75e+05	1.39 y	22:28	-	1.16
7	Di	PCB-5/8	0.50	1.48e+06	1.51 y	22:52	-	1.10
8	Di	PCB-14	0.25	6.97e+05	1.76 y	23:59	-	1.01
9	Di	PCB-11	0.25	8.16e+05	1.52 y	25:10	-	1.18
10	Di	PCB-12/13	0.50	1.46e+06	1.69 y	25:34	-	1.06
11	Di	PCB-15	0.25	7.19e+05	1.79 y	25:53	-	1.04
12	Tri	PCB-19	0.25	5.56e+05	1.09 y	24:09	-	1.26
13	Tri	PCB-30	0.25	8.92e+05	1.10 y	25:03	-	2.02
14	Tri	PCB-18	0.25	6.23e+05	0.99 y	25:48	-	0.95
15	Tri	PCB-17	0.25	5.74e+05	1.06 y	25:59	-	0.88
16	Tri	PCB-24/27	0.50	1.51e+06	1.04 y	26:33	-	1.15
17	Tri	PCB-16/32	0.50	1.48e+06	1.03 y	27:04	-	1.13
18	Tri	PCB-34	0.25	6.78e+05	1.06 y	27:52	-	0.99
19	Tri	PCB-23	0.25	6.56e+05	1.13 y	27:58	-	0.96
20	Tri	PCB-29	0.25	6.87e+05	1.12 y	28:13	-	1.00
21	Tri	PCB-26	0.25	7.03e+05	1.07 y	28:25	-	1.03
22	Tri	PCB-25	0.25	7.62e+05	1.08 y	28:35	-	1.11
23	Tri	PCB-31	0.25	7.61e+05	1.14 y	28:56	-	1.11
24	Tri	PCB-28	0.25	8.00e+05	0.93 y	29:03	-	1.17
25	Tri	PCB-20/21/33	0.75	2.11e+06	1.07 y	29:39	-	1.03
26	Tri	PCB-22	0.25	7.68e+05	1.02 y	30:06	-	1.12
27	Tri	PCB-36	0.25	7.87e+05	1.02 y	30:43	-	1.26
28	Tri	PCB-39	0.25	7.33e+05	1.10 y	31:11	-	1.18
29	Tri	PCB-38	0.25	7.47e+05	1.17 y	31:58	-	1.20
30	Tri	PCB-35	0.25	7.25e+05	1.07 y	32:28	-	1.16
31	Tri	PCB-37	0.25	7.66e+05	0.99 y	32:55	-	1.23
32	Tetra	PCB-54	0.25	7.13e+05	0.74 y	27:54	-	1.16
33	Tetra	PCB-50	0.25	5.59e+05	0.76 y	29:05	-	0.91
34	Tetra	PCB-53	0.25	5.42e+05	0.81 y	29:43	-	1.07
35	Tetra	PCB-51	0.25	6.22e+05	0.77 y	30:04	-	1.23
36	Tetra	PCB-45	0.25	4.75e+05	0.72 y	30:30	-	0.94
37	Tetra	PCB-46	0.25	4.59e+05	0.66 y	31:00	-	0.91
38	Tetra	PCB-52/69	0.50	1.25e+06	0.78 y	31:28	-	1.24
39	Tetra	PCB-73	0.25	8.54e+05	0.77 y	31:36	-	1.69
40	Tetra	PCB-43/49	0.50	1.05e+06	0.69 y	31:45	-	1.04

41	Tetra	PCB-47	0.25	5.03e+05	0.80 y	31:58	-	0.92
42	Tetra	PCB-48/75	0.50	1.35e+06	0.82 y	32:04	-	1.24
43	Tetra	PCB-65	0.25	8.01e+05	0.66 y	32:20	-	1.46
44	Tetra	PCB-62	0.25	6.16e+05	0.66 y	32:27	-	1.12
45	Tetra	PCB-44	0.25	4.69e+05	0.78 y	32:45	-	0.86
46	Tetra	PCB-42/59	0.50	1.20e+06	0.77 y	32:59	-	1.10
47	Tetra	PCB-41/64/71/72	1.00	2.68e+06	0.80 y	33:34	-	1.23
48	Tetra	PCB-68	0.25	8.07e+05	0.73 y	33:50	-	1.47
49	Tetra	PCB-40	0.25	3.48e+05	0.87 y	34:03	-	0.64
50	Tetra	PCB-57	0.25	8.14e+05	0.69 y	34:24	-	1.24
51	Tetra	PCB-67	0.25	8.23e+05	0.74 y	34:42	-	1.25

52	Tetra	PCB-58	0.25	7.55e+05	0.73 y	34:50	-	1.15
53	Tetra	PCB-63	0.25	7.44e+05	0.73 y	34:58	-	1.13
54	Tetra	PCB-74	0.25	8.39e+05	0.72 y	35:15	-	1.27
55	Tetra	PCB-61/70	0.50	1.51e+06	0.73 y	35:27	-	1.14
56	Tetra	PCB-76/66	0.50	1.62e+06	0.74 y	35:39	-	1.23
57	Tetra	PCB-80	0.25	8.58e+05	0.89 y	35:54	-	1.29
58	Tetra	PCB-55	0.25	8.01e+05	0.85 y	36:13	-	1.20
59	Tetra	PCB-56/60	0.50	1.51e+06	0.81 y	36:43	-	1.13
60	Tetra	PCB-79	0.25	8.66e+05	0.75 y	37:46	-	1.30
61	Tetra	PCB-78	0.25	8.28e+05	0.67 y	38:28	-	1.23
62	Tetra	PCB-81	0.25	6.84e+05	0.82 y	38:59	-	1.01
63	Tetra	PCB-77	0.25	7.80e+05	0.72 y	39:36	-	1.22
64	Penta	PCB-104	0.25	4.95e+05	1.76 y	32:37	-	1.17
65	Penta	PCB-96	0.25	4.80e+05	1.43 y	33:52	-	1.14
66	Penta	PCB-103	0.25	4.06e+05	1.32 y	34:25	-	0.96
67	Penta	PCB-100	0.25	3.95e+05	1.62 y	34:46	-	0.94
68	Penta	PCB-94	0.25	3.25e+05	1.61 y	35:14	-	0.97
69	Penta	PCB-95/98/102	0.75	1.33e+06	1.57 y	35:44	-	1.32
70	Penta	PCB-93	0.25	3.23e+05	1.47 y	35:52	-	0.97
71	Penta	PCB-88/91	0.50	7.08e+05	1.63 y	36:09	-	1.06
72	Penta	PCB-121	0.25	6.11e+05	1.49 y	36:16	-	1.83
73	Penta	PCB-84/92	0.50	6.83e+05	1.78 y	37:06	-	1.01
74	Penta	PCB-89	0.25	3.86e+05	1.67 y	37:16	-	1.14
75	Penta	PCB-90/101	0.50	7.76e+05	1.43 y	37:27	-	1.14
76	Penta	PCB-113	0.25	5.17e+05	1.70 y	37:42	-	1.52
77	Penta	PCB-99	0.25	4.85e+05	1.73 y	37:48	-	1.43
78	Penta	PCB-119	0.25	4.95e+05	1.78 y	38:15	-	1.66
79	Penta	PCB-108/112	0.50	8.95e+05	1.78 y	38:24	-	1.50
80	Penta	PCB-83	0.25	5.64e+05	1.46 y	38:34	-	1.89
81	Penta	PCB-97	0.25	3.71e+05	1.40 y	38:46	-	1.24
82	Penta	PCB-86	0.25	3.11e+05	1.75 y	38:53	-	1.04
83	Penta	PCB-87/117/125	0.75	1.46e+06	1.72 y	39:01	-	1.62
84	Penta	PCB-111/115	0.50	1.13e+06	1.48 y	39:12	-	1.90
85	Penta	PCB-85/116	0.50	7.61e+05	1.68 y	39:18	-	1.27
86	Penta	PCB-120	0.25	6.51e+05	1.49 y	39:33	-	2.18
87	Penta	PCB-110	0.25	5.20e+05	1.61 y	39:42	-	1.74
88	Penta	PCB-82	0.25	3.46e+05	1.48 y	40:20	-	0.86
89	Penta	PCB-124	0.25	5.00e+05	1.75 y	41:01	-	1.24
90	Penta	PCB-107/109	0.50	1.21e+06	1.61 y	41:09	-	1.50
91	Penta	PCB-123	0.25	5.02e+05	1.60 y	41:19	-	1.25
92	Penta	PCB-106/118	0.50	1.03e+06	1.51 y	41:31	-	1.21
93	Penta	PCB-114	0.25	4.85e+05	1.44 y	42:09	-	1.16
94	Penta	PCB-122	0.25	4.79e+05	1.34 y	42:17	-	1.14
95	Penta	PCB-105	0.25	4.57e+05	1.49 y	43:01	-	1.15
96	Penta	PCB-127	0.25	5.36e+05	1.58 y	43:21	-	1.21
97	Penta	PCB-126	0.25	5.04e+05	1.50 y	45:14	-	1.24
98	Hexa	PCB-155	0.25	3.78e+05	1.27 y	37:00	-	1.06
99	Hexa	PCB-150	0.25	3.83e+05	1.30 y	38:16	-	1.07
100	Hexa	PCB-152	0.25	4.41e+05	1.24 y	38:44	-	1.24
101	Hexa	PCB-145	0.25	4.22e+05	1.43 y	39:11	-	1.18

102	Hexa	PCB-136	0.25	3.96e+05	1.24 y	39:30	-	1.11
103	Hexa	PCB-148	0.25	2.86e+05	1.27 y	39:37	-	0.80
104	Hexa	PCB-154	0.25	3.46e+05	1.26 y	40:06	-	0.97
105	Hexa	PCB-151	0.25	2.64e+05	1.07 y	40:45	-	0.74
106	Hexa	PCB-135	0.25	3.08e+05	1.37 y	40:57	-	0.86
107	Hexa	PCB-144	0.25	2.84e+05	1.19 y	41:04	-	0.79
108	Hexa	PCB-147	0.25	3.09e+05	1.38 y	41:12	-	0.87
109	Hexa	PCB-139/149	0.50	6.43e+05	1.25 y	41:28	-	0.90
110	Hexa	PCB-140	0.25	2.87e+05	1.27 y	41:39	-	0.80
111	Hexa	PCB-134/143	0.50	7.57e+05	1.15 y	42:06	-	0.80
112	Hexa	PCB-131/133	0.50	8.04e+05	1.20 y	42:23	-	0.85

113	Hexa	PCB-142	0.25	3.80e+05	1.09 y	42:32	-	0.81
114	Hexa	PCB-146/165	0.50	1.02e+06	1.32 y	42:46	-	1.08
115	Hexa	PCB-132/161	0.50	9.81e+05	1.30 y	43:00	-	1.04
116	Hexa	PCB-153	0.25	5.47e+05	1.05 y	43:10	-	1.16
117	Hexa	PCB-168	0.25	6.46e+05	1.16 y	43:23	-	1.37
118	Hexa	PCB-141	0.25	4.15e+05	1.21 y	43:54	-	1.06
119	Hexa	PCB-137	0.25	4.73e+05	1.27 y	44:17	-	1.21
120	Hexa	PCB-130	0.25	3.26e+05	1.06 y	44:24	-	0.84
121	Hexa	PCB-138/163/164	0.75	1.65e+06	1.30 y	44:46	-	1.33
122	Hexa	PCB-158/160	0.50	1.05e+06	1.24 y	45:01	-	1.27
123	Hexa	PCB-129	0.25	3.67e+05	1.38 y	45:15	-	0.89
124	Hexa	PCB-166	0.25	5.88e+05	1.25 y	45:42	-	1.20
125	Hexa	PCB-159	0.25	5.64e+05	1.23 y	46:03	-	1.15
126	Hexa	PCB-128/162	0.50	8.72e+05	1.13 y	46:19	-	0.89
127	Hexa	PCB-167	0.25	5.12e+05	1.39 y	46:43	-	1.03
128	Hexa	PCB-156	0.25	5.77e+05	1.13 y	48:01	-	1.18
129	Hexa	PCB-157	0.25	5.31e+05	1.26 y	48:16	-	1.10
130	Hexa	PCB-169	0.25	5.52e+05	1.25 y	50:29	-	1.15
131	Hepta	PCB-188	0.25	5.23e+05	1.07 y	42:48	-	1.53
132	Hepta	PCB-184	0.25	4.77e+05	1.16 y	43:15	-	1.40
133	Hepta	PCB-179	0.25	5.11e+05	1.05 y	44:01	-	1.50
134	Hepta	PCB-176	0.25	5.06e+05	1.01 y	44:29	-	1.48
135	Hepta	PCB-186	0.25	5.24e+05	1.03 y	45:06	-	1.54
136	Hepta	PCB-178	0.25	3.37e+05	0.93 y	45:36	-	0.99
137	Hepta	PCB-175	0.25	3.37e+05	1.10 y	45:57	-	0.99
138	Hepta	PCB-182/187	0.50	8.54e+05	0.97 y	46:07	-	1.25
139	Hepta	PCB-183	0.25	4.23e+05	0.89 y	46:26	-	1.24
140	Hepta	PCB-185	0.25	3.13e+05	1.16 y	47:05	-	1.31
141	Hepta	PCB-174	0.25	3.58e+05	1.19 y	47:27	-	1.49
142	Hepta	PCB-181	0.25	3.64e+05	1.20 y	47:33	-	1.52
143	Hepta	PCB-177	0.25	3.38e+05	1.02 y	47:43	-	1.41
144	Hepta	PCB-171	0.25	3.50e+05	0.92 y	48:01	-	1.46
145	Hepta	PCB-173	0.25	3.43e+05	0.90 y	48:26	-	1.43
146	Hepta	PCB-172	0.25	3.31e+05	1.08 y	48:54	-	1.38
147	Hepta	PCB-192	0.25	4.34e+05	0.93 y	49:05	-	1.81
148	Hepta	PCB-180	0.25	3.86e+05	0.94 y	49:17	-	1.61
149	Hepta	PCB-193	0.25	4.69e+05	1.09 y	49:30	-	1.96
150	Hepta	PCB-191	0.25	4.23e+05	0.97 y	49:45	-	1.76
151	Hepta	PCB-170	0.25	2.87e+05	0.94 y	50:53	-	1.39
152	Hepta	PCB-190	0.25	4.16e+05	1.08 y	51:05	-	2.01
153	Hepta	PCB-189	0.25	4.46e+05	0.90 y	52:30	-	1.59
154	Octa	PCB-202	0.25	3.46e+05	0.91 y	48:13	-	1.09
155	Octa	PCB-201	0.25	3.16e+05	0.94 y	48:42	-	0.99
156	Octa	PCB-204	0.25	3.39e+05	0.83 y	48:52	-	1.07
157	Octa	PCB-197	0.25	3.82e+05	0.88 y	49:09	-	1.20
158	Octa	PCB-200	0.25	3.46e+05	0.84 y	50:04	-	1.08
159	Octa	PCB-198	0.25	2.77e+05	0.80 y	51:31	-	0.87
160	Octa	PCB-199	0.25	2.78e+05	0.99 y	51:39	-	0.87
161	Octa	PCB-196/203	0.50	5.16e+05	0.88 y	51:57	-	0.81
162	Octa	PCB-195	0.25	2.75e+05	0.86 y	53:10	-	1.11

163	Octa	PCB-194	0.25	3.27e+05	0.83	y	54:04	-	1.32
164	Octa	PCB-205	0.25	3.48e+05	0.86	y	54:20	-	1.40
165	Nona	PCB-208	0.25	3.31e+05	1.17	y	53:19	-	0.92
166	Nona	PCB-207	0.25	3.21e+05	1.45	y	53:38	-	0.89
167	Nona	PCB-206	0.25	2.41e+05	1.29	y	55:37	-	0.93
168	Deca	PCB-209	0.25	2.50e+05	1.11	y	56:56	-	1.12
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.16
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.09

171	Tot ¶	Total Tri-PCB	0.00	-	- n	-	-	1.21
172	Tot ¶	Total Tri-PCB	0.00	-	- n	-	-	1.10
173	Tot ¶	Total Tetra-PCB	0.00	-	- n	-	-	1.14
174	Tot ¶	Total Penta-PCB	0.00	-	- n	-	-	1.25
175	Tot ¶	Total Penta-PCB	0.00	-	- n	-	-	1.18
176	Tot ¶	Total Hexa-PCB	0.00	-	- n	-	-	0.95
177	Tot ¶	Total Hexa-PCB	0.00	-	- n	-	-	1.07
178	Tot ¶	Total Hepta-PCB	0.00	-	- n	-	-	1.44
179	Tot ¶	Total Octa-PCB	0.00	-	- n	-	-	0.98
180	Tot ¶	Total Octa-PCB	0.00	-	- n	-	-	1.28
181	Tot ¶	Total Nona-PCB	0.00	-	- n	-	-	0.91
182	Tot ¶	Total Deca-PCB	0.25	2.50e+05	1.11 y	56:56	-	1.12
183	Mono¶	13C-PCB-1	100.00	3.09e+08	3.17 y	15:60	-	1.07
184	Mono¶	13C-PCB-3	100.00	3.35e+08	3.19 y	18:37	-	1.16
185	Di-IS	13C-PCB-4	100.00	1.64e+08	1.57 y	19:58	-	0.57
186	Di-IS	13C-PCB-9	100.00	2.68e+08	1.56 y	21:46	-	0.93
187	Di-IS	13C-PCB-11	100.00	2.77e+08	1.54 y	25:09	-	0.96
188	Tri-¶	13C-PCB-19	100.00	1.77e+08	1.06 y	24:08	-	0.61
189	Tri-¶	13C-PCB-32	100.00	2.62e+08	1.07 y	27:04	-	0.91
190	Tri-¶	13C-PCB-28	100.00	2.74e+08	1.04 y	29:01	-	1.14
191	Tri-¶	13C-PCB-37	100.00	2.49e+08	1.05 y	32:54	-	1.04
192	Tetr¶	13C-PCB-54	100.00	2.45e+08	0.80 y	27:53	-	0.91
193	Tetr¶	13C-PCB-52	100.00	2.02e+08	0.80 y	31:27	-	0.75
194	Tetr¶	13C-PCB-47	100.00	2.19e+08	0.80 y	31:57	-	0.82
195	Tetr¶	13C-PCB-70	100.00	2.63e+08	0.82 y	35:28	-	0.98
196	Tetr¶	13C-PCB-80	100.00	2.66e+08	0.81 y	35:53	-	0.99
197	Tetr¶	13C-PCB-81	100.00	2.70e+08	0.80 y	38:59	-	1.01
198	Tetr¶	13C-PCB-77	100.00	2.56e+08	0.80 y	39:34	-	0.95
199	Pent¶	13C-PCB-104	100.00	1.68e+08	1.59 y	32:36	-	0.99
200	Pent¶	13C-PCB-95	100.00	1.34e+08	1.59 y	35:46	-	0.78
201	Pent¶	13C-PCB-101	100.00	1.36e+08	1.58 y	37:27	-	0.80
202	Pent¶	13C-PCB-97	100.00	1.20e+08	1.59 y	38:44	-	0.70
203	Pent¶	13C-PCB-123	100.00	1.61e+08	1.58 y	41:18	-	0.95
204	Pent¶	13C-PCB-118	100.00	1.69e+08	1.61 y	41:29	-	0.99
205	Pent¶	13C-PCB-114	100.00	1.67e+08	1.58 y	42:08	-	1.18
206	Pent¶	13C-PCB-105	100.00	1.58e+08	1.57 y	42:60	-	1.11
207	Pent¶	13C-PCB-127	100.00	1.77e+08	1.59 y	43:20	-	1.25
208	Pent¶	13C-PCB-126	100.00	1.62e+08	1.58 y	45:14	-	1.14
209	Hexa¶	13C-PCB-155	100.00	1.43e+08	1.29 y	36:60	-	0.84
210	Hexa¶	13C-PCB-153	100.00	1.89e+08	1.26 y	43:10	-	1.33
211	Hexa¶	13C-PCB-141	100.00	1.56e+08	1.28 y	43:54	-	1.10
212	Hexa	13C-PCB-138	100.00	1.65e+08	1.28 y	44:44	-	1.16
213	Hexa¶	13C-PCB-159	100.00	1.96e+08	1.27 y	46:02	-	1.38
214	Hexa¶	13C-PCB-167	100.00	1.98e+08	1.28 y	46:42	-	1.40
215	Hexa¶	13C-PCB-156	100.00	1.95e+08	1.26 y	47:59	-	1.37
216	Hexa¶	13C-PCB-157	100.00	1.94e+08	1.28 y	48:16	-	1.36
217	Hexa¶	13C-PCB-169	100.00	1.91e+08	1.27 y	50:28	-	1.35
218	Hept¶	13C-PCB-188	100.00	1.36e+08	0.46 y	42:47	-	1.37
219	Hept¶	13C-PCB-180	100.00	9.59e+07	0.46 y	49:17	-	0.97
220	Hept¶	13C-PCB-170	100.00	8.27e+07	0.47 y	50:53	-	0.83
221	Hept¶	13C-PCB-189	100.00	1.12e+08	0.46 y	52:29	-	1.13

222	Octa╗	13C-PCB-202	100.00	1.27e+08	0.90	y	48:12	-	1.28
223	Octa╗	13C-PCB-194	100.00	9.93e+07	0.90	y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.44e+08	0.78	y	53:18	-	1.11
225	Nona╗	13C-PCB-206	100.00	1.04e+08	0.79	y	55:36	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.93e+07	1.20	y	56:55	-	0.69
227	DI-RS	13C-PCB-15	100.00	2.89e+08	1.55	y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.39e+08	1.05	y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.68e+08	0.80	y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.70e+08	1.59	y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.42e+08	1.28	y	46:18	-	1.00

232	Hept¬	13C-PCB-182	100.00	9.93e+07	0.46 y	46:07	-	1.00
233	Octa¬	13C-PCB-205	100.00	1.30e+08	0.90 y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.74e+08	0.80 y	37:45	-	1.02
235	CRS	13C-PCB-178	100.00	9.16e+07	0.45 y	45:35	-	0.92
236	PS	13C-PCB-79	100.00	2.74e+08	0.80 y	37:45	-	1.02
237	PS	13C-PCB-178	100.00	9.16e+07	0.45 y	45:35	-	0.95

Filename: 180208E1 S: 2 Acquired: 8-FEB-18 09:39:46
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-2 PCB CS1 17L3004

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1.00	3.49e+06	2.97 y	16:02	-	1.15
2	Mono	PCB-2	1.00	3.67e+06	3.12 y	18:25	-	1.13
3	Mono	PCB-3	1.00	3.61e+06	2.92 y	18:39	-	1.11
4	Di	PCB-4/10	2.00	4.31e+06	1.57 y	20:02	-	1.35
5	Di	PCB-7/9	2.00	5.51e+06	1.59 y	21:49	-	1.07
6	Di	PCB-6	1.00	2.88e+06	1.59 y	22:28	-	1.12
7	Di	PCB-5/8	2.00	5.74e+06	1.53 y	22:53	-	1.11
8	Di	PCB-14	1.00	2.95e+06	1.54 y	23:59	-	1.13
9	Di	PCB-11	1.00	3.10e+06	1.62 y	25:11	-	1.19
10	Di	PCB-12/13	2.00	5.70e+06	1.62 y	25:34	-	1.10
11	Di	PCB-15	1.00	3.02e+06	1.59 y	25:53	-	1.16
12	Tri	PCB-19	1.00	2.12e+06	1.02 y	24:10	-	1.27
13	Tri	PCB-30	1.00	3.52e+06	1.00 y	25:04	-	2.11
14	Tri	PCB-18	1.00	2.41e+06	1.07 y	25:49	-	0.97
15	Tri	PCB-17	1.00	2.27e+06	1.05 y	25:59	-	0.91
16	Tri	PCB-24/27	2.00	6.17e+06	1.08 y	26:34	-	1.24
17	Tri	PCB-16/32	2.00	5.42e+06	1.07 y	27:04	-	1.09
18	Tri	PCB-34	1.00	2.55e+06	1.07 y	27:53	-	1.05
19	Tri	PCB-23	1.00	2.30e+06	1.14 y	27:58	-	0.95
20	Tri	PCB-29	1.00	2.39e+06	1.10 y	28:13	-	0.98
21	Tri	PCB-26	1.00	2.52e+06	1.03 y	28:26	-	1.04
22	Tri	PCB-25	1.00	2.61e+06	1.07 y	28:36	-	1.08
23	Tri	PCB-31	1.00	2.66e+06	1.04 y	28:56	-	1.09
24	Tri	PCB-28	1.00	2.94e+06	1.08 y	29:03	-	1.21
25	Tri	PCB-20/21/33	3.00	7.32e+06	1.07 y	29:39	-	1.00
26	Tri	PCB-22	1.00	2.71e+06	1.07 y	30:07	-	1.11
27	Tri	PCB-36	1.00	2.72e+06	1.10 y	30:43	-	1.25
28	Tri	PCB-39	1.00	2.46e+06	1.03 y	31:11	-	1.13
29	Tri	PCB-38	1.00	2.55e+06	1.01 y	31:58	-	1.17
30	Tri	PCB-35	1.00	2.63e+06	1.08 y	32:29	-	1.20
31	Tri	PCB-37	1.00	2.52e+06	1.01 y	32:55	-	1.15
32	Tetra	PCB-54	1.00	2.62e+06	0.81 y	27:55	-	1.13
33	Tetra	PCB-50	1.00	2.14e+06	0.73 y	29:05	-	0.92
34	Tetra	PCB-53	1.00	2.03e+06	0.88 y	29:44	-	1.11
35	Tetra	PCB-51	1.00	2.19e+06	0.79 y	30:04	-	1.19
36	Tetra	PCB-45	1.00	1.73e+06	0.79 y	30:31	-	0.94
37	Tetra	PCB-46	1.00	1.65e+06	0.82 y	31:00	-	0.90
38	Tetra	PCB-52/69	2.00	4.54e+06	0.75 y	31:29	-	1.24
39	Tetra	PCB-73	1.00	2.92e+06	0.78 y	31:35	-	1.60
40	Tetra	PCB-43/49	2.00	4.02e+06	0.83 y	31:46	-	1.10
41	Tetra	PCB-47	1.00	2.08e+06	0.78 y	31:58	-	1.05

42	Tetra	PCB-48/75	2.00	4.67e+06	0.81 y	32:05	-	1.18
43	Tetra	PCB-65	1.00	2.52e+06	0.79 y	32:21	-	1.28
44	Tetra	PCB-62	1.00	2.43e+06	0.79 y	32:27	-	1.23
45	Tetra	PCB-44	1.00	1.87e+06	0.79 y	32:46	-	0.95
46	Tetra	PCB-42/59	2.00	4.27e+06	0.80 y	32:59	-	1.08
47	Tetra	PCB-41/64/71/72	4.00	9.61e+06	0.77 y	33:35	-	1.22
48	Tetra	PCB-68	1.00	2.59e+06	0.87 y	33:51	-	1.31
49	Tetra	PCB-40	1.00	1.31e+06	0.81 y	34:03	-	0.66
50	Tetra	PCB-57	1.00	2.93e+06	0.76 y	34:25	-	1.26
51	Tetra	PCB-67	1.00	2.78e+06	0.80 y	34:43	-	1.20
52	Tetra	PCB-58	1.00	2.73e+06	0.81 y	34:50	-	1.18

53	Tetra	PCB-63	1.00	2.42e+06	0.79 y	34:59	-	1.04
54	Tetra	PCB-74	1.00	2.97e+06	0.84 y	35:17	-	1.28
55	Tetra	PCB-61/70	2.00	5.06e+06	0.79 y	35:27	-	1.09
56	Tetra	PCB-76/66	2.00	5.62e+06	0.75 y	35:40	-	1.21
57	Tetra	PCB-80	1.00	2.95e+06	0.76 y	35:54	-	1.30
58	Tetra	PCB-55	1.00	2.81e+06	0.79 y	36:13	-	1.24
59	Tetra	PCB-56/60	2.00	5.08e+06	0.80 y	36:42	-	1.12
60	Tetra	PCB-79	1.00	2.83e+06	0.79 y	37:47	-	1.25
61	Tetra	PCB-78	1.00	2.75e+06	0.77 y	38:28	-	1.19
62	Tetra	PCB-81	1.00	2.44e+06	0.82 y	39:00	-	1.06
63	Tetra	PCB-77	1.00	2.48e+06	0.77 y	39:35	-	1.15
64	Penta	PCB-104	1.00	1.78e+06	1.64 y	32:37	-	1.18
65	Penta	PCB-96	1.00	1.85e+06	1.55 y	33:53	-	1.22
66	Penta	PCB-103	1.00	1.49e+06	1.59 y	34:26	-	0.98
67	Penta	PCB-100	1.00	1.47e+06	1.62 y	34:46	-	0.98
68	Penta	PCB-94	1.00	1.14e+06	1.59 y	35:15	-	0.96
69	Penta	PCB-95/98/102	3.00	4.39e+06	1.64 y	35:44	-	1.23
70	Penta	PCB-93	1.00	1.16e+06	1.71 y	35:52	-	0.98
71	Penta	PCB-88/91	2.00	2.53e+06	1.71 y	36:09	-	1.07
72	Penta	PCB-121	1.00	2.05e+06	1.54 y	36:16	-	1.73
73	Penta	PCB-84/92	2.00	2.46e+06	1.56 y	37:05	-	1.04
74	Penta	PCB-89	1.00	1.33e+06	1.62 y	37:16	-	1.12
75	Penta	PCB-90/101	2.00	2.69e+06	1.73 y	37:28	-	1.13
76	Penta	PCB-113	1.00	1.86e+06	1.50 y	37:42	-	1.57
77	Penta	PCB-99	1.00	1.54e+06	1.58 y	37:48	-	1.30
78	Penta	PCB-119	1.00	1.87e+06	1.54 y	38:15	-	1.81
79	Penta	PCB-108/112	2.00	3.16e+06	1.56 y	38:24	-	1.53
80	Penta	PCB-83	1.00	1.95e+06	1.49 y	38:35	-	1.89
81	Penta	PCB-97	1.00	1.28e+06	1.55 y	38:46	-	1.24
82	Penta	PCB-86	1.00	1.15e+06	1.48 y	38:54	-	1.11
83	Penta	PCB-87/117/125	3.00	5.08e+06	1.58 y	39:02	-	1.64
84	Penta	PCB-111/115	2.00	4.05e+06	1.74 y	39:12	-	1.96
85	Penta	PCB-85/116	2.00	2.77e+06	1.33 y	39:19	-	1.34
86	Penta	PCB-120	1.00	2.21e+06	1.55 y	39:34	-	2.14
87	Penta	PCB-110	1.00	1.74e+06	1.66 y	39:43	-	1.69
88	Penta	PCB-82	1.00	1.20e+06	1.46 y	40:20	-	0.86
89	Penta	PCB-124	1.00	1.86e+06	1.59 y	41:00	-	1.34
90	Penta	PCB-107/109	2.00	3.86e+06	1.57 y	41:09	-	1.39
91	Penta	PCB-123	1.00	1.61e+06	1.58 y	41:19	-	1.16
92	Penta	PCB-106/118	2.00	3.66e+06	1.62 y	41:32	-	1.27
93	Penta	PCB-114	1.00	1.72e+06	1.59 y	42:10	-	1.18
94	Penta	PCB-122	1.00	1.54e+06	1.49 y	42:18	-	1.06
95	Penta	PCB-105	1.00	1.69e+06	1.68 y	43:02	-	1.21
96	Penta	PCB-127	1.00	1.79e+06	1.63 y	43:21	-	1.19
97	Penta	PCB-126	1.00	1.69e+06	1.53 y	45:15	-	1.24
98	Hexa	PCB-155	1.00	1.33e+06	1.18 y	37:01	-	1.07
99	Hexa	PCB-150	1.00	1.33e+06	1.20 y	38:17	-	1.07
100	Hexa	PCB-152	1.00	1.48e+06	1.27 y	38:45	-	1.19
101	Hexa	PCB-145	1.00	1.49e+06	1.14 y	39:12	-	1.20
102	Hexa	PCB-136	1.00	1.34e+06	1.30 y	39:31	-	1.08

103	Hexa	PCB-148	1.00	9.79e+05	1.21	y	39:38	-	0.79
104	Hexa	PCB-154	1.00	1.09e+06	1.37	y	40:07	-	0.87
105	Hexa	PCB-151	1.00	9.47e+05	1.33	y	40:45	-	0.76
106	Hexa	PCB-135	1.00	1.17e+06	1.34	y	40:59	-	0.94
107	Hexa	PCB-144	1.00	9.66e+05	1.40	y	41:06	-	0.78
108	Hexa	PCB-147	1.00	1.01e+06	1.39	y	41:13	-	0.81
109	Hexa	PCB-139/149	2.00	2.28e+06	1.36	y	41:28	-	0.92
110	Hexa	PCB-140	1.00	1.01e+06	1.25	y	41:40	-	0.81
111	Hexa	PCB-134/143	2.00	2.66e+06	1.22	y	42:05	-	0.81
112	Hexa	PCB-131/133	2.00	2.83e+06	1.18	y	42:24	-	0.86
113	Hexa	PCB-142	1.00	1.20e+06	1.27	y	42:33	-	0.73

114	Hexa	PCB-146/165	2.00	3.52e+06	1.21 y	42:47	-	1.07
115	Hexa	PCB-132/161	2.00	3.51e+06	1.24 y	43:01	-	1.07
116	Hexa	PCB-153	1.00	1.90e+06	1.22 y	43:11	-	1.16
117	Hexa	PCB-168	1.00	1.88e+06	1.23 y	43:24	-	1.14
118	Hexa	PCB-141	1.00	1.50e+06	1.24 y	43:55	-	1.10
119	Hexa	PCB-137	1.00	1.62e+06	1.15 y	44:18	-	1.19
120	Hexa	PCB-130	1.00	1.07e+06	1.25 y	44:25	-	0.78
121	Hexa	PCB-138/163/164	3.00	5.60e+06	1.22 y	44:47	-	1.32
122	Hexa	PCB-158/160	2.00	3.64e+06	1.20 y	45:01	-	1.28
123	Hexa	PCB-129	1.00	1.16e+06	1.25 y	45:16	-	0.82
124	Hexa	PCB-166	1.00	2.08e+06	1.20 y	45:42	-	1.24
125	Hexa	PCB-159	1.00	2.07e+06	1.15 y	46:03	-	1.23
126	Hexa	PCB-128/162	2.00	3.24e+06	1.22 y	46:19	-	0.96
127	Hexa	PCB-167	1.00	1.82e+06	1.28 y	46:44	-	1.09
128	Hexa	PCB-156	1.00	1.81e+06	1.20 y	48:00	-	1.13
129	Hexa	PCB-157	1.00	1.72e+06	1.24 y	48:17	-	1.09
130	Hexa	PCB-169	1.00	2.05e+06	1.20 y	50:29	-	1.22
131	Hepta	PCB-188	1.00	1.77e+06	1.04 y	42:49	-	1.46
132	Hepta	PCB-184	1.00	1.71e+06	1.10 y	43:16	-	1.41
133	Hepta	PCB-179	1.00	1.74e+06	1.04 y	44:02	-	1.44
134	Hepta	PCB-176	1.00	1.65e+06	1.18 y	44:30	-	1.36
135	Hepta	PCB-186	1.00	1.90e+06	1.00 y	45:07	-	1.57
136	Hepta	PCB-178	1.00	1.27e+06	1.03 y	45:37	-	1.05
137	Hepta	PCB-175	1.00	1.26e+06	1.01 y	45:56	-	1.04
138	Hepta	PCB-182/187	2.00	2.90e+06	1.11 y	46:08	-	1.20
139	Hepta	PCB-183	1.00	1.42e+06	1.13 y	46:26	-	1.18
140	Hepta	PCB-185	1.00	1.22e+06	1.17 y	47:06	-	1.50
141	Hepta	PCB-174	1.00	1.18e+06	1.05 y	47:28	-	1.46
142	Hepta	PCB-181	1.00	1.26e+06	1.01 y	47:33	-	1.55
143	Hepta	PCB-177	1.00	1.12e+06	1.08 y	47:44	-	1.38
144	Hepta	PCB-171	1.00	1.16e+06	1.16 y	48:01	-	1.43
145	Hepta	PCB-173	1.00	1.06e+06	0.98 y	48:27	-	1.31
146	Hepta	PCB-172	1.00	1.18e+06	1.18 y	48:54	-	1.46
147	Hepta	PCB-192	1.00	1.52e+06	1.03 y	49:05	-	1.88
148	Hepta	PCB-180	1.00	1.26e+06	1.07 y	49:18	-	1.56
149	Hepta	PCB-193	1.00	1.51e+06	1.02 y	49:30	-	1.86
150	Hepta	PCB-191	1.00	1.46e+06	1.11 y	49:45	-	1.81
151	Hepta	PCB-170	1.00	1.18e+06	1.10 y	50:54	-	1.63
152	Hepta	PCB-190	1.00	1.56e+06	1.05 y	51:04	-	2.15
153	Hepta	PCB-189	1.00	1.51e+06	1.11 y	52:30	-	1.56
154	Octa	PCB-202	1.00	1.11e+06	0.90 y	48:14	-	1.08
155	Octa	PCB-201	1.00	1.05e+06	0.87 y	48:43	-	1.02
156	Octa	PCB-204	1.00	1.23e+06	0.87 y	48:52	-	1.19
157	Octa	PCB-197	1.00	1.27e+06	0.84 y	49:11	-	1.24
158	Octa	PCB-200	1.00	1.18e+06	0.95 y	50:05	-	1.15
159	Octa	PCB-198	1.00	9.78e+05	0.96 y	51:33	-	0.95
160	Octa	PCB-199	1.00	9.25e+05	0.89 y	51:40	-	0.90
161	Octa	PCB-196/203	2.00	2.01e+06	0.94 y	51:57	-	0.98
162	Octa	PCB-195	1.00	1.03e+06	0.84 y	53:10	-	1.11
163	Octa	PCB-194	1.00	1.11e+06	0.88 y	54:03	-	1.21

164	Octa	PCB-205	1.00	1.30e+06	0.94	y	54:19	-	1.41
165	Nona	PCB-208	1.00	1.20e+06	1.30	y	53:19	-	0.92
166	Nona	PCB-207	1.00	1.27e+06	1.34	y	53:39	-	0.97
167	Nona	PCB-206	1.00	8.81e+05	1.30	y	55:38	-	0.92
168	Deca	PCB-209	1.00	9.72e+05	1.19	y	56:57	-	1.09
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.13
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.12
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.24

172	Tot ¶	Total Tri-PCB	0.00	-	-	n	-	-	1.09
173	Tot ¶	Total Tetra-PCB	0.00	-	-	n	-	-	1.13
174	Tot ¶	Total Penta-PCB	0.00	-	-	n	-	-	1.25
175	Tot ¶	Total Penta-PCB	0.00	-	-	n	-	-	1.17
176	Tot ¶	Total Hexa-PCB	0.00	-	-	n	-	-	0.94
177	Tot ¶	Total Hexa-PCB	0.00	-	-	n	-	-	1.07
178	Tot ¶	Total Hepta-PCB	0.00	-	-	n	-	-	1.42
179	Tot ¶	Total Octa-PCB	0.00	-	-	n	-	-	1.05
180	Tot ¶	Total Octa-PCB	0.00	-	-	n	-	-	1.24
181	Tot ¶	Total Nona-PCB	0.00	-	-	n	-	-	0.94
182	Tot ¶	Total Deca-PCB	1.00	9.72e+05	1.19	y	56:57	-	1.09
183	Mono¶	13C-PCB-1	100.00	3.02e+08	3.16	y	16:01	-	1.10
184	Mono¶	13C-PCB-3	100.00	3.24e+08	3.17	y	18:38	-	1.18
185	Di-IS	13C-PCB-4	100.00	1.60e+08	1.58	y	19:59	-	0.58
186	Di-IS	13C-PCB-9	100.00	2.58e+08	1.55	y	21:46	-	0.94
187	Di-IS	13C-PCB-11	100.00	2.60e+08	1.54	y	25:10	-	0.94
188	Tri-¶	13C-PCB-19	100.00	1.67e+08	1.04	y	24:09	-	0.61
189	Tri-¶	13C-PCB-32	100.00	2.49e+08	1.05	y	27:04	-	0.90
190	Tri-¶	13C-PCB-28	100.00	2.43e+08	1.04	y	29:02	-	1.10
191	Tri-¶	13C-PCB-37	100.00	2.18e+08	1.05	y	32:54	-	0.99
192	Tetr¶	13C-PCB-54	100.00	2.33e+08	0.79	y	27:54	-	1.01
193	Tetr¶	13C-PCB-52	100.00	1.83e+08	0.80	y	31:27	-	0.79
194	Tetr¶	13C-PCB-47	100.00	1.97e+08	0.80	y	31:57	-	0.85
195	Tetr¶	13C-PCB-70	100.00	2.32e+08	0.80	y	35:28	-	1.00
196	Tetr¶	13C-PCB-80	100.00	2.27e+08	0.79	y	35:53	-	0.98
197	Tetr¶	13C-PCB-81	100.00	2.31e+08	0.80	y	38:59	-	1.00
198	Tetr¶	13C-PCB-77	100.00	2.17e+08	0.81	y	39:35	-	0.94
199	Pent¶	13C-PCB-104	100.00	1.51e+08	1.55	y	32:36	-	1.02
200	Pent¶	13C-PCB-95	100.00	1.19e+08	1.58	y	35:46	-	0.80
201	Pent¶	13C-PCB-101	100.00	1.19e+08	1.59	y	37:28	-	0.80
202	Pent¶	13C-PCB-97	100.00	1.03e+08	1.60	y	38:45	-	0.70
203	Pent¶	13C-PCB-123	100.00	1.39e+08	1.59	y	41:18	-	0.93
204	Pent¶	13C-PCB-118	100.00	1.44e+08	1.64	y	41:30	-	0.97
205	Pent¶	13C-PCB-114	100.00	1.46e+08	1.58	y	42:09	-	1.20
206	Pent¶	13C-PCB-105	100.00	1.40e+08	1.60	y	43:00	-	1.16
207	Pent¶	13C-PCB-127	100.00	1.50e+08	1.56	y	43:20	-	1.24
208	Pent¶	13C-PCB-126	100.00	1.37e+08	1.59	y	45:14	-	1.13
209	Hexa¶	13C-PCB-155	100.00	1.24e+08	1.32	y	36:60	-	0.84
210	Hexa¶	13C-PCB-153	100.00	1.65e+08	1.26	y	43:10	-	1.36
211	Hexa¶	13C-PCB-141	100.00	1.36e+08	1.28	y	43:55	-	1.13
212	Hexa	13C-PCB-138	100.00	1.42e+08	1.26	y	44:45	-	1.17
213	Hexa¶	13C-PCB-159	100.00	1.68e+08	1.28	y	46:02	-	1.39
214	Hexa¶	13C-PCB-167	100.00	1.67e+08	1.29	y	46:43	-	1.38
215	Hexa¶	13C-PCB-156	100.00	1.60e+08	1.26	y	47:60	-	1.32
216	Hexa¶	13C-PCB-157	100.00	1.58e+08	1.28	y	48:16	-	1.30
217	Hexa¶	13C-PCB-169	100.00	1.69e+08	1.26	y	50:28	-	1.39
218	Hept¶	13C-PCB-188	100.00	1.21e+08	0.45	y	42:48	-	1.40
219	Hept¶	13C-PCB-180	100.00	8.10e+07	0.47	y	49:17	-	0.93
220	Hept¶	13C-PCB-170	100.00	7.27e+07	0.46	y	50:52	-	0.84
221	Hept¶	13C-PCB-189	100.00	9.67e+07	0.46	y	52:29	-	1.12
222	Octa¶	13C-PCB-202	100.00	1.03e+08	0.92	y	48:13	-	1.19

223	Octa╗	13C-PCB-194	100.00	9.21e+07	0.91 y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.30e+08	0.79 y	53:19	-	1.08
225	Nona╗	13C-PCB-206	100.00	9.62e+07	0.76 y	55:37	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.88e+07	1.19 y	56:56	-	0.74
227	DI-RS	13C-PCB-15	100.00	2.76e+08	1.56 y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.21e+08	1.05 y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.31e+08	0.80 y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.48e+08	1.60 y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.21e+08	1.26 y	46:18	-	1.00
232	Hept╗	13C-PCB-182	100.00	8.67e+07	0.46 y	46:08	-	1.00

233	Octa$_{\eta}$	13C-PCB-205	100.00	1.21e+08	0.93	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.42e+08	0.79	y	37:46	-	1.05
235	CRS	13C-PCB-178	100.00	8.24e+07	0.46	y	45:35	-	0.95
236	PS	13C-PCB-79	100.00	2.42e+08	0.79	y	37:46	-	1.05
237	PS	13C-PCB-178	100.00	8.24e+07	0.46	y	45:35	-	1.02

Filename: 180208E1 S: 3 Acquired: 8-FEB-18 10:44:54
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-3 PCB CS2 17L3005

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	2.50	8.06e+06	3.04 y	16:02	-	1.09
2	Mono	PCB-2	2.50	8.36e+06	2.97 y	18:25	-	1.06
3	Mono	PCB-3	2.50	8.48e+06	3.04 y	18:39	-	1.08
4	Di	PCB-4/10	5.00	9.72e+06	1.59 y	20:02	-	1.27
5	Di	PCB-7/9	5.00	1.23e+07	1.57 y	21:49	-	1.01
6	Di	PCB-6	2.50	6.60e+06	1.53 y	22:29	-	1.09
7	Di	PCB-5/8	5.00	1.26e+07	1.59 y	22:53	-	1.03
8	Di	PCB-14	2.50	6.54e+06	1.57 y	23:59	-	1.08
9	Di	PCB-11	2.50	6.95e+06	1.55 y	25:11	-	1.15
10	Di	PCB-12/13	5.00	1.25e+07	1.57 y	25:35	-	1.03
11	Di	PCB-15	2.50	6.65e+06	1.50 y	25:54	-	1.10
12	Tri	PCB-19	2.50	4.98e+06	1.02 y	24:10	-	1.24
13	Tri	PCB-30	2.50	7.94e+06	1.04 y	25:04	-	1.98
14	Tri	PCB-18	2.50	5.51e+06	1.05 y	25:49	-	0.97
15	Tri	PCB-17	2.50	4.96e+06	1.06 y	25:59	-	0.87
16	Tri	PCB-24/27	5.00	1.36e+07	1.05 y	26:34	-	1.20
17	Tri	PCB-16/32	5.00	1.18e+07	1.03 y	27:04	-	1.03
18	Tri	PCB-34	2.50	5.78e+06	1.05 y	27:53	-	1.04
19	Tri	PCB-23	2.50	5.00e+06	1.08 y	27:59	-	0.90
20	Tri	PCB-29	2.50	5.44e+06	1.07 y	28:13	-	0.98
21	Tri	PCB-26	2.50	5.55e+06	1.07 y	28:26	-	1.00
22	Tri	PCB-25	2.50	5.91e+06	1.06 y	28:35	-	1.07
23	Tri	PCB-31	2.50	6.09e+06	1.08 y	28:57	-	1.10
24	Tri	PCB-28	2.50	6.57e+06	1.03 y	29:03	-	1.19
25	Tri	PCB-20/21/33	7.50	1.63e+07	1.06 y	29:40	-	0.98
26	Tri	PCB-22	2.50	5.82e+06	1.04 y	30:06	-	1.05
27	Tri	PCB-36	2.50	6.03e+06	1.02 y	30:43	-	1.18
28	Tri	PCB-39	2.50	5.63e+06	1.08 y	31:12	-	1.10
29	Tri	PCB-38	2.50	5.75e+06	1.06 y	31:58	-	1.13
30	Tri	PCB-35	2.50	5.80e+06	1.09 y	32:29	-	1.13
31	Tri	PCB-37	2.50	5.88e+06	1.06 y	32:55	-	1.15
32	Tetra	PCB-54	2.50	5.89e+06	0.79 y	27:55	-	1.11
33	Tetra	PCB-50	2.50	4.83e+06	0.78 y	29:06	-	0.91
34	Tetra	PCB-53	2.50	4.60e+06	0.78 y	29:44	-	1.09
35	Tetra	PCB-51	2.50	4.92e+06	0.73 y	30:05	-	1.16
36	Tetra	PCB-45	2.50	3.94e+06	0.75 y	30:31	-	0.93
37	Tetra	PCB-46	2.50	3.69e+06	0.73 y	31:00	-	0.87
38	Tetra	PCB-52/69	5.00	1.06e+07	0.77 y	31:29	-	1.25
39	Tetra	PCB-73	2.50	6.41e+06	0.79 y	31:36	-	1.52
40	Tetra	PCB-43/49	5.00	8.83e+06	0.77 y	31:46	-	1.04
41	Tetra	PCB-47	2.50	4.59e+06	0.74 y	31:58	-	0.99

42	Tetra	PCB-48/75	5.00	1.06e+07	0.77 y	32:05	-	1.14
43	Tetra	PCB-65	2.50	5.70e+06	0.80 y	32:21	-	1.23
44	Tetra	PCB-62	2.50	5.32e+06	0.78 y	32:27	-	1.15
45	Tetra	PCB-44	2.50	4.01e+06	0.79 y	32:46	-	0.87
46	Tetra	PCB-42/59	5.00	9.55e+06	0.79 y	33:00	-	1.03
47	Tetra	PCB-41/64/71/72	10.00	2.17e+07	0.79 y	33:35	-	1.17
48	Tetra	PCB-68	2.50	5.89e+06	0.78 y	33:50	-	1.27
49	Tetra	PCB-40	2.50	3.02e+06	0.78 y	34:03	-	0.65
50	Tetra	PCB-57	2.50	6.18e+06	0.78 y	34:25	-	1.15
51	Tetra	PCB-67	2.50	5.76e+06	0.77 y	34:43	-	1.07
52	Tetra	PCB-58	2.50	6.69e+06	0.81 y	34:50	-	1.25

53	Tetra	PCB-63	2.50	5.32e+06	0.79 y	34:59	-	0.99
54	Tetra	PCB-74	2.50	6.45e+06	0.76 y	35:16	-	1.20
55	Tetra	PCB-61/70	5.00	1.14e+07	0.76 y	35:26	-	1.07
56	Tetra	PCB-76/66	5.00	1.24e+07	0.75 y	35:40	-	1.15
57	Tetra	PCB-80	2.50	6.63e+06	0.79 y	35:55	-	1.24
58	Tetra	PCB-55	2.50	6.41e+06	0.76 y	36:13	-	1.20
59	Tetra	PCB-56/60	5.00	1.12e+07	0.77 y	36:42	-	1.05
60	Tetra	PCB-79	2.50	6.29e+06	0.76 y	37:47	-	1.18
61	Tetra	PCB-78	2.50	5.90e+06	0.76 y	38:28	-	1.11
62	Tetra	PCB-81	2.50	5.25e+06	0.83 y	39:00	-	0.99
63	Tetra	PCB-77	2.50	5.43e+06	0.78 y	39:35	-	1.08
64	Penta	PCB-104	2.50	3.95e+06	1.63 y	32:37	-	1.10
65	Penta	PCB-96	2.50	4.06e+06	1.67 y	33:53	-	1.14
66	Penta	PCB-103	2.50	3.13e+06	1.60 y	34:26	-	0.87
67	Penta	PCB-100	2.50	3.33e+06	1.52 y	34:47	-	0.93
68	Penta	PCB-94	2.50	2.65e+06	1.61 y	35:15	-	0.96
69	Penta	PCB-95/98/102	7.50	9.81e+06	1.56 y	35:45	-	1.18
70	Penta	PCB-93	2.50	2.60e+06	1.58 y	35:52	-	0.94
71	Penta	PCB-88/91	5.00	5.74e+06	1.62 y	36:10	-	1.04
72	Penta	PCB-121	2.50	4.35e+06	1.55 y	36:16	-	1.57
73	Penta	PCB-84/92	5.00	5.52e+06	1.61 y	37:05	-	1.02
74	Penta	PCB-89	2.50	3.03e+06	1.62 y	37:17	-	1.12
75	Penta	PCB-90/101	5.00	6.00e+06	1.63 y	37:28	-	1.10
76	Penta	PCB-113	2.50	4.10e+06	1.58 y	37:43	-	1.51
77	Penta	PCB-99	2.50	3.34e+06	1.44 y	37:48	-	1.23
78	Penta	PCB-119	2.50	4.14e+06	1.68 y	38:16	-	1.76
79	Penta	PCB-108/112	5.00	6.74e+06	1.60 y	38:25	-	1.43
80	Penta	PCB-83	2.50	4.20e+06	1.55 y	38:34	-	1.78
81	Penta	PCB-97	2.50	2.81e+06	1.61 y	38:46	-	1.19
82	Penta	PCB-86	2.50	2.71e+06	1.53 y	38:54	-	1.15
83	Penta	PCB-87/117/125	7.50	1.12e+07	1.62 y	39:02	-	1.59
84	Penta	PCB-111/115	5.00	8.40e+06	1.60 y	39:11	-	1.78
85	Penta	PCB-85/116	5.00	6.41e+06	1.58 y	39:19	-	1.36
86	Penta	PCB-120	2.50	4.56e+06	1.53 y	39:34	-	1.93
87	Penta	PCB-110	2.50	4.36e+06	1.53 y	39:42	-	1.85
88	Penta	PCB-82	2.50	2.70e+06	1.67 y	40:20	-	0.86
89	Penta	PCB-124	2.50	4.29e+06	1.56 y	41:00	-	1.36
90	Penta	PCB-107/109	5.00	8.43e+06	1.71 y	41:10	-	1.34
91	Penta	PCB-123	2.50	3.53e+06	1.49 y	41:20	-	1.12
92	Penta	PCB-106/118	5.00	7.97e+06	1.58 y	41:32	-	1.23
93	Penta	PCB-114	2.50	3.96e+06	1.63 y	42:09	-	1.17
94	Penta	PCB-122	2.50	3.45e+06	1.59 y	42:18	-	1.02
95	Penta	PCB-105	2.50	3.74e+06	1.55 y	43:01	-	1.15
96	Penta	PCB-127	2.50	3.99e+06	1.59 y	43:22	-	1.15
97	Penta	PCB-126	2.50	3.92e+06	1.57 y	45:15	-	1.25
98	Hexa	PCB-155	2.50	2.86e+06	1.32 y	37:01	-	1.01
99	Hexa	PCB-150	2.50	2.99e+06	1.29 y	38:17	-	1.05
100	Hexa	PCB-152	2.50	3.31e+06	1.25 y	38:45	-	1.17
101	Hexa	PCB-145	2.50	3.24e+06	1.20 y	39:12	-	1.14
102	Hexa	PCB-136	2.50	3.07e+06	1.36 y	39:31	-	1.08

103	Hexa	PCB-148	2.50	2.06e+06	1.24 y	39:38	-	0.73
104	Hexa	PCB-154	2.50	2.44e+06	1.18 y	40:07	-	0.86
105	Hexa	PCB-151	2.50	2.20e+06	1.20 y	40:46	-	0.77
106	Hexa	PCB-135	2.50	2.31e+06	1.27 y	40:58	-	0.81
107	Hexa	PCB-144	2.50	2.36e+06	1.37 y	41:05	-	0.83
108	Hexa	PCB-147	2.50	2.26e+06	1.17 y	41:13	-	0.80
109	Hexa	PCB-139/149	5.00	4.98e+06	1.28 y	41:29	-	0.88
110	Hexa	PCB-140	2.50	2.22e+06	1.20 y	41:40	-	0.78
111	Hexa	PCB-134/143	5.00	6.04e+06	1.29 y	42:05	-	0.79
112	Hexa	PCB-131/133	5.00	6.34e+06	1.27 y	42:23	-	0.83
113	Hexa	PCB-142	2.50	2.96e+06	1.18 y	42:32	-	0.77

114	Hexa	PCB-146/165	5.00	7.96e+06	1.23 y	42:46	-	1.04
115	Hexa	PCB-132/161	5.00	7.81e+06	1.22 y	43:01	-	1.02
116	Hexa	PCB-153	2.50	4.11e+06	1.22 y	43:11	-	1.07
117	Hexa	PCB-168	2.50	4.25e+06	1.19 y	43:24	-	1.11
118	Hexa	PCB-141	2.50	3.35e+06	1.17 y	43:55	-	1.06
119	Hexa	PCB-137	2.50	3.32e+06	1.24 y	44:18	-	1.05
120	Hexa	PCB-130	2.50	2.77e+06	1.26 y	44:24	-	0.87
121	Hexa	PCB-138/163/164	7.50	1.23e+07	1.22 y	44:47	-	1.25
122	Hexa	PCB-158/160	5.00	7.61e+06	1.22 y	45:01	-	1.16
123	Hexa	PCB-129	2.50	2.56e+06	1.35 y	45:15	-	0.78
124	Hexa	PCB-166	2.50	4.25e+06	1.20 y	45:43	-	1.13
125	Hexa	PCB-159	2.50	4.44e+06	1.30 y	46:02	-	1.18
126	Hexa	PCB-128/162	5.00	7.08e+06	1.28 y	46:20	-	0.94
127	Hexa	PCB-167	2.50	4.19e+06	1.24 y	46:43	-	1.07
128	Hexa	PCB-156	2.50	4.38e+06	1.26 y	48:00	-	1.11
129	Hexa	PCB-157	2.50	4.17e+06	1.28 y	48:17	-	1.05
130	Hexa	PCB-169	2.50	4.60e+06	1.23 y	50:28	-	1.15
131	Hepta	PCB-188	2.50	3.93e+06	1.08 y	42:49	-	1.40
132	Hepta	PCB-184	2.50	3.72e+06	1.11 y	43:16	-	1.33
133	Hepta	PCB-179	2.50	3.96e+06	1.02 y	44:02	-	1.41
134	Hepta	PCB-176	2.50	3.61e+06	1.06 y	44:30	-	1.29
135	Hepta	PCB-186	2.50	3.75e+06	1.04 y	45:07	-	1.34
136	Hepta	PCB-178	2.50	2.68e+06	1.04 y	45:36	-	0.96
137	Hepta	PCB-175	2.50	2.82e+06	1.10 y	45:57	-	1.01
138	Hepta	PCB-182/187	5.00	6.13e+06	1.01 y	46:07	-	1.09
139	Hepta	PCB-183	2.50	3.13e+06	1.05 y	46:27	-	1.12
140	Hepta	PCB-185	2.50	2.76e+06	1.09 y	47:06	-	1.39
141	Hepta	PCB-174	2.50	3.07e+06	1.06 y	47:28	-	1.55
142	Hepta	PCB-181	2.50	2.80e+06	1.01 y	47:34	-	1.41
143	Hepta	PCB-177	2.50	2.60e+06	1.00 y	47:44	-	1.31
144	Hepta	PCB-171	2.50	2.83e+06	1.03 y	48:00	-	1.43
145	Hepta	PCB-173	2.50	2.56e+06	1.00 y	48:27	-	1.29
146	Hepta	PCB-172	2.50	2.84e+06	1.06 y	48:54	-	1.43
147	Hepta	PCB-192	2.50	3.66e+06	1.07 y	49:05	-	1.85
148	Hepta	PCB-180	2.50	3.12e+06	1.01 y	49:18	-	1.57
149	Hepta	PCB-193	2.50	3.29e+06	1.08 y	49:29	-	1.66
150	Hepta	PCB-191	2.50	3.62e+06	1.02 y	49:46	-	1.83
151	Hepta	PCB-170	2.50	2.50e+06	1.13 y	50:54	-	1.43
152	Hepta	PCB-190	2.50	3.38e+06	1.02 y	51:04	-	1.93
153	Hepta	PCB-189	2.50	3.40e+06	1.09 y	52:30	-	1.49
154	Octa	PCB-202	2.50	2.83e+06	0.94 y	48:14	-	1.09
155	Octa	PCB-201	2.50	2.61e+06	0.87 y	48:43	-	1.01
156	Octa	PCB-204	2.50	2.79e+06	0.94 y	48:52	-	1.08
157	Octa	PCB-197	2.50	2.89e+06	0.91 y	49:10	-	1.12
158	Octa	PCB-200	2.50	2.80e+06	0.91 y	50:05	-	1.08
159	Octa	PCB-198	2.50	2.27e+06	0.94 y	51:33	-	0.88
160	Octa	PCB-199	2.50	1.98e+06	0.91 y	51:40	-	0.77
161	Octa	PCB-196/203	5.00	4.49e+06	0.88 y	51:56	-	0.87
162	Octa	PCB-195	2.50	2.32e+06	0.94 y	53:11	-	1.04
163	Octa	PCB-194	2.50	2.57e+06	0.90 y	54:04	-	1.16

164	Octa	PCB-205	2.50	2.99e+06	0.88	y	54:20	-	1.35
165	Nona	PCB-208	2.50	2.95e+06	1 29	y	53:20	-	0.96
166	Nona	PCB-207	2.50	2.77e+06	1.29	y	53:39	-	0.90
167	Nona	PCB-206	2.50	2.07e+06	1.23	y	55:38	-	0.91
168	Deca	PCB-209	2.50	2.23e+06	1.22	y	56:58	-	1.05
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.08
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.06
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.19

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.06
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.09
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.19
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.14
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.91
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.02
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.35
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.97
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.18
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.92
182	Tot ╗	Total Deca-PCB	2.50	2.23e+06	1.22	y	56:58	-	1.05
183	Mono╗	13C-PCB-1	100.00	2.95e+08	3.22	y	16:01	-	1.16
184	Mono╗	13C-PCB-3	100.00	3.15e+08	3.18	y	18:38	-	1.24
185	Di-IS	13C-PCB-4	100.00	1.54e+08	1.56	y	19:59	-	0.60
186	Di-IS	13C-PCB-9	100.00	2.43e+08	1.57	y	21:47	-	0.95
187	Di-IS	13C-PCB-11	100.00	2.42e+08	1.56	y	25:10	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.60e+08	1.05	y	24:08	-	0.63
189	Tri-╗	13C-PCB-32	100.00	2.28e+08	1.08	y	27:04	-	0.90
190	Tri-╗	13C-PCB-28	100.00	2.21e+08	1.05	y	29:02	-	1.08
191	Tri-╗	13C-PCB-37	100.00	2.05e+08	1.05	y	32:54	-	1.00
192	Tetr╗	13C-PCB-54	100.00	2.12e+08	0.80	y	27:54	-	0.99
193	Tetr╗	13C-PCB-52	100.00	1.69e+08	0.79	y	31:27	-	0.79
194	Tetr╗	13C-PCB-47	100.00	1.85e+08	0.80	y	31:57	-	0.87
195	Tetr╗	13C-PCB-70	100.00	2.15e+08	0.79	y	35:29	-	1.01
196	Tetr╗	13C-PCB-80	100.00	2.14e+08	0.80	y	35:54	-	1.00
197	Tetr╗	13C-PCB-81	100.00	2.12e+08	0.79	y	38:59	-	0.99
198	Tetr╗	13C-PCB-77	100.00	2.01e+08	0.81	y	39:35	-	0.94
199	Pent╗	13C-PCB-104	100.00	1.43e+08	1.59	y	32:37	-	1.08
200	Pent╗	13C-PCB-95	100.00	1.11e+08	1.57	y	35:46	-	0.83
201	Pent╗	13C-PCB-101	100.00	1.09e+08	1.59	y	37:28	-	0.82
202	Pent╗	13C-PCB-97	100.00	9.44e+07	1.60	y	38:45	-	0.71
203	Pent╗	13C-PCB-123	100.00	1.26e+08	1.59	y	41:19	-	0.95
204	Pent╗	13C-PCB-118	100.00	1.30e+08	1.61	y	41:30	-	0.98
205	Pent╗	13C-PCB-114	100.00	1.35e+08	1.60	y	42:09	-	1.23
206	Pent╗	13C-PCB-105	100.00	1.30e+08	1.57	y	43:00	-	1.18
207	Pent╗	13C-PCB-127	100.00	1.40e+08	1.58	y	43:21	-	1.26
208	Pent╗	13C-PCB-126	100.00	1.26e+08	1.57	y	45:14	-	1.14
209	Hexa╗	13C-PCB-155	100.00	1.14e+08	1.28	y	36:60	-	0.85
210	Hexa╗	13C-PCB-153	100.00	1.53e+08	1.26	y	43:10	-	1.39
211	Hexa╗	13C-PCB-141	100.00	1.27e+08	1.26	y	43:54	-	1.15
212	Hexa	13C-PCB-138	100.00	1.31e+08	1.26	y	44:45	-	1.19
213	Hexa╗	13C-PCB-159	100.00	1.51e+08	1.27	y	46:01	-	1.36
214	Hexa╗	13C-PCB-167	100.00	1.57e+08	1.27	y	46:43	-	1.42
215	Hexa╗	13C-PCB-156	100.00	1.59e+08	1.27	y	47:59	-	1.44
216	Hexa╗	13C-PCB-157	100.00	1.59e+08	1.28	y	48:15	-	1.44
217	Hexa╗	13C-PCB-169	100.00	1.60e+08	1.28	y	50:28	-	1.45
218	Hept╗	13C-PCB-188	100.00	1.12e+08	0.46	y	42:48	-	1.47
219	Hept╗	13C-PCB-180	100.00	7.92e+07	0.46	y	49:17	-	1.04
220	Hept╗	13C-PCB-170	100.00	7.01e+07	0.46	y	50:53	-	0.92
221	Hept╗	13C-PCB-189	100.00	9.14e+07	0.46	y	52:30	-	1.20
222	Octa╗	13C-PCB-202	100.00	1.04e+08	0.92	y	48:13	-	1.36

223	Octa¬	13C-PCB-194	100.00	8.89e+07	0.91 y	54:03	-	0.77
224	Nona¬	13C-PCB-208	100.00	1.24e+08	0.78 y	53:19	-	1.07
225	Nona¬	13C-PCB-206	100.00	9.15e+07	0.77 y	55:37	-	0.80
226	Deca¬	13C-PCB-209	100.00	8.46e+07	1.21 y	56:57	-	0.74
227	DI-RS	13C-PCB-15	100.00	2.54e+08	1.56 y	25:52	-	1.00
228	Tri-¬	13C-PCB-31	100.00	2.04e+08	1.04 y	28:55	-	1.00
229	Tetr¬	13C-PCB-60	100.00	2.14e+08	0.80 y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.33e+08	1.60 y	39:11	-	1.00
231	Hexa¬	13C-PCB-128	100.00	1.10e+08	1.25 y	46:17	-	1.00
232	Hept¬	13C-PCB-182	100.00	7.61e+07	0.46 y	46:07	-	1.00

233	Octa	13C-PCB-205	100.00	1.15e+08	0.91 y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.20e+08	0.81 y	37:46	-	1.03
235	CRS	13C-PCB-178	100.00	7.07e+07	0.46 y	45:35	-	0.93
236	PS	13C-PCB-79	100.00	2.20e+08	0.81 y	37:46	-	1.04
237	PS	13C-PCB-178	100.00	7.07e+07	0.46 y	45:35	-	0.89

Filename: 180208E1 S: 4 Acquired: 8-FEB-18 11:50:02
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-4 PCB CS3 17L3006

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	50.00	1.41e+08	2.92 y	16:02	-	1.00
2	Mono	PCB-2	50.00	1.46e+08	2.95 y	18:25	-	0.97
3	Mono	PCB-3	50.00	1.47e+08	2.93 y	18:39	-	0.98
4	Di	PCB-4/10	100.00	1.75e+08	1.55 y	20:02	-	1.16
5	Di	PCB-7/9	100.00	2.12e+08	1.55 y	21:49	-	0.91
6	Di	PCB-6	50.00	1.14e+08	1.56 y	22:28	-	0.98
7	Di	PCB-5/8	100.00	2.22e+08	1.57 y	22:53	-	0.96
8	Di	PCB-14	50.00	1.14e+08	1.57 y	23:59	-	0.99
9	Di	PCB-11	50.00	1.20e+08	1.58 y	25:11	-	1.05
10	Di	PCB-12/13	100.00	2.21e+08	1.58 y	25:34	-	0.96
11	Di	PCB-15	50.00	1.15e+08	1.54 y	25:53	-	1.00
12	Tri	PCB-19	50.00	8.51e+07	1.05 y	24:10	-	1.12
13	Tri	PCB-30	50.00	1.35e+08	1.05 y	25:04	-	1.78
14	Tri	PCB-18	50.00	9.32e+07	1.05 y	25:48	-	0.87
15	Tri	PCB-17	50.00	8.51e+07	1.06 y	25:59	-	0.80
16	Tri	PCB-24/27	100.00	2.34e+08	1.06 y	26:34	-	1.10
17	Tri	PCB-16/32	100.00	2.03e+08	1.05 y	27:04	-	0.95
18	Tri	PCB-34	50.00	8.53e+07	1.08 y	27:52	-	0.86
19	Tri	PCB-23	50.00	9.58e+07	1.04 y	27:57	-	0.96
20	Tri	PCB-29	50.00	9.24e+07	1.04 y	28:12	-	0.93
21	Tri	PCB-26	50.00	9.68e+07	1.06 y	28:26	-	0.97
22	Tri	PCB-25	50.00	1.00e+08	1.06 y	28:35	-	1.01
23	Tri	PCB-31	50.00	1.09e+08	1.05 y	28:57	-	1.10
24	Tri	PCB-28	50.00	1.06e+08	1.06 y	29:02	-	1.07
25	Tri	PCB-20/21/33	150.00	2.79e+08	1.06 y	29:40	-	0.93
26	Tri	PCB-22	50.00	1.01e+08	1.06 y	30:06	-	1.02
27	Tri	PCB-36	50.00	1.07e+08	1.04 y	30:43	-	1.08
28	Tri	PCB-39	50.00	1.01e+08	1.04 y	31:11	-	1.01
29	Tri	PCB-38	50.00	1.03e+08	1.05 y	31:57	-	1.03
30	Tri	PCB-35	50.00	1.05e+08	1.06 y	32:29	-	1.05
31	Tri	PCB-37	50.00	1.03e+08	1.06 y	32:55	-	1.04
32	Tetra	PCB-54	50.00	9.68e+07	0.78 y	27:55	-	1.01
33	Tetra	PCB-50	50.00	7.95e+07	0.78 y	29:06	-	0.83
34	Tetra	PCB-53	50.00	7.25e+07	0.78 y	29:44	-	0.90
35	Tetra	PCB-51	50.00	7.81e+07	0.79 y	30:05	-	0.96
36	Tetra	PCB-45	50.00	6.37e+07	0.79 y	30:31	-	0.79
37	Tetra	PCB-46	50.00	6.22e+07	0.78 y	30:59	-	0.77
38	Tetra	PCB-52/69	100.00	1.86e+08	0.78 y	31:29	-	1.15
39	Tetra	PCB-73	50.00	1.04e+08	0.79 y	31:36	-	1.29
40	Tetra	PCB-43/49	100.00	1.49e+08	0.78 y	31:46	-	0.92
41	Tetra	PCB-47	50.00	7.05e+07	0.75 y	31:57	-	0.81

42	Tetra	PCB-48/75	100.00	1.87e+08	0.78	y	32:04	-	1.07
43	Tetra	PCB-65	50.00	1.05e+08	0.78	y	32:20	-	1.20
44	Tetra	PCB-62	50.00	8.83e+07	0.79	y	32:27	-	1.01
45	Tetra	PCB-44	50.00	7.05e+07	0.78	y	32:45	-	0.81
46	Tetra	PCB-42/59	100.00	1.64e+08	0.78	y	32:59	-	0.94
47	Tetra	PCB-41/64/71/72	200.00	3.82e+08	0.78	y	33:34	-	1.10
48	Tetra	PCB-68	50.00	1.03e+08	0.79	y	33:50	-	1.18
49	Tetra	PCB-40	50.00	5.17e+07	0.79	y	34:02	-	0.59
50	Tetra	PCB-57	50.00	1.08e+08	0.78	y	34:24	-	1.03
51	Tetra	PCB-67	50.00	1.05e+08	0.77	y	34:42	-	1.00
52	Tetra	PCB-58	50.00	1.08e+08	0.79	y	34:50	-	1.03

53	Tetra	PCB-63	50.00	9.93e+07	0.78 y	34:59	-	0.94
54	Tetra	PCB-74	50.00	1.16e+08	0.78 y	35:16	-	1.10
55	Tetra	PCB-61/70	100.00	2.00e+08	0.78 y	35:26	-	0.95
56	Tetra	PCB-76/66	100.00	2.24e+08	0.78 y	35:39	-	1.06
57	Tetra	PCB-80	50.00	1.16e+08	0.78 y	35:54	-	1.10
58	Tetra	PCB-55	50.00	1.14e+08	0.78 y	36:13	-	1.07
59	Tetra	PCB-56/60	100.00	2.06e+08	0.78 y	36:43	-	0.97
60	Tetra	PCB-79	50.00	1.14e+08	0.77 y	37:46	-	1.08
61	Tetra	PCB-78	50.00	1.09e+08	0.78 y	38:28	-	1.02
62	Tetra	PCB-81	50.00	9.64e+07	0.78 y	38:59	-	0.90
63	Tetra	PCB-77	50.00	1.02e+08	0.78 y	39:35	-	1.00
64	Penta	PCB-104	50.00	6.58e+07	1.59 y	32:37	-	0.99
65	Penta	PCB-96	50.00	7.04e+07	1.57 y	33:52	-	1.06
66	Penta	PCB-103	50.00	5.57e+07	1.61 y	34:25	-	0.84
67	Penta	PCB-100	50.00	5.86e+07	1.60 y	34:47	-	0.88
68	Penta	PCB-94	50.00	4.46e+07	1.58 y	35:15	-	0.84
69	Penta	PCB-95/98/102	150.00	1.72e+08	1.61 y	35:43	-	1.08
70	Penta	PCB-93	50.00	4.75e+07	1.56 y	35:51	-	0.89
71	Penta	PCB-88/91	100.00	9.25e+07	1.58 y	36:08	-	0.87
72	Penta	PCB-121	50.00	8.66e+07	1.62 y	36:16	-	1.63
73	Penta	PCB-84/92	100.00	9.60e+07	1.57 y	37:05	-	0.90
74	Penta	PCB-89	50.00	5.25e+07	1.58 y	37:15	-	0.99
75	Penta	PCB-90/101	100.00	1.08e+08	1.59 y	37:27	-	1.01
76	Penta	PCB-113	50.00	7.59e+07	1.59 y	37:42	-	1.43
77	Penta	PCB-99	50.00	6.09e+07	1.59 y	37:48	-	1.14
78	Penta	PCB-119	50.00	7.60e+07	1.60 y	38:15	-	1.63
79	Penta	PCB-108/112	100.00	1.23e+08	1.60 y	38:25	-	1.32
80	Penta	PCB-83	50.00	7.49e+07	1.60 y	38:34	-	1.61
81	Penta	PCB-97	50.00	5.22e+07	1.61 y	38:46	-	1.12
82	Penta	PCB-86	50.00	4.93e+07	1.56 y	38:54	-	1.06
83	Penta	PCB-87/117/125	150.00	2.04e+08	1.59 y	39:02	-	1.46
84	Penta	PCB-111/115	100.00	1.56e+08	1.61 y	39:11	-	1.67
85	Penta	PCB-85/116	100.00	1.17e+08	1.63 y	39:19	-	1.25
86	Penta	PCB-120	50.00	8.59e+07	1.57 y	39:34	-	1.85
87	Penta	PCB-110	50.00	7.42e+07	1.60 y	39:42	-	1.60
88	Penta	PCB-82	50.00	4.66e+07	1.58 y	40:20	-	0.73
89	Penta	PCB-124	50.00	8.23e+07	1.59 y	41:00	-	1.29
90	Penta	PCB-107/109	100.00	1.49e+08	1.58 y	41:08	-	1.17
91	Penta	PCB-123	50.00	6.71e+07	1.58 y	41:20	-	1.05
92	Penta	PCB-106/118	100.00	1.48e+08	1.60 y	41:31	-	1.10
93	Penta	PCB-114	50.00	7.17e+07	1.55 y	42:09	-	1.04
94	Penta	PCB-122	50.00	6.75e+07	1.57 y	42:17	-	0.98
95	Penta	PCB-105	50.00	7.13e+07	1.60 y	43:01	-	1.06
96	Penta	PCB-127	50.00	7.61e+07	1.59 y	43:21	-	1.03
97	Penta	PCB-126	50.00	7.59e+07	1.59 y	45:14	-	1.13
98	Hexa	PCB-155	50.00	4.86e+07	1.29 y	37:01	-	0.91
99	Hexa	PCB-150	50.00	5.18e+07	1.29 y	38:17	-	0.97
100	Hexa	PCB-152	50.00	5.86e+07	1.29 y	38:45	-	1.09
101	Hexa	PCB-145	50.00	5.67e+07	1.27 y	39:11	-	1.06
102	Hexa	PCB-136	50.00	4.93e+07	1.29 y	39:31	-	0.92

103	Hexa	PCB-148	50.00	4.08e+07	1.34	y	39:38	-	0.76
104	Hexa	PCB-154	50.00	4.47e+07	1.27	y	40:07	-	0.83
105	Hexa	PCB-151	50.00	3.94e+07	1.27	y	40:45	-	0.73
106	Hexa	PCB-135	50.00	4.41e+07	1.28	y	40:58	-	0.82
107	Hexa	PCB-144	50.00	3.89e+07	1.29	y	41:05	-	0.73
108	Hexa	PCB-147	50.00	4.19e+07	1.30	y	41:12	-	0.78
109	Hexa	PCB-139/149	100.00	9.02e+07	1.28	y	41:28	-	0.84
110	Hexa	PCB-140	50.00	3.94e+07	1.30	y	41:39	-	0.73
111	Hexa	PCB-134/143	100.00	1.10e+08	1.23	y	42:05	-	0.71
112	Hexa	PCB-131/133	100.00	1.18e+08	1.24	y	42:23	-	0.76
113	Hexa	PCB-142	50.00	5.31e+07	1.24	y	42:32	-	0.68

114	Hexa	PCB-146/165	100.00	1.46e+08	1.25 y	42:46	-	0.94
115	Hexa	PCB-132/161	100.00	1.44e+08	1.25 y	43:01	-	0.93
116	Hexa	PCB-153	50.00	7.85e+07	1.24 y	43:10	-	1.01
117	Hexa	PCB-168	50.00	7.73e+07	1.24 y	43:23	-	1.00
118	Hexa	PCB-141	50.00	5.99e+07	1.23 y	43:55	-	0.94
119	Hexa	PCB-137	50.00	6.65e+07	1.25 y	44:17	-	1.04
120	Hexa	PCB-130	50.00	4.92e+07	1.25 y	44:24	-	0.77
121	Hexa	PCB-138/163/164	150.00	2.34e+08	1.24 y	44:46	-	1.13
122	Hexa	PCB-158/160	100.00	1.50e+08	1.25 y	45:01	-	1.09
123	Hexa	PCB-129	50.00	4.94e+07	1.23 y	45:15	-	0.72
124	Hexa	PCB-166	50.00	8.50e+07	1.23 y	45:42	-	1.04
125	Hexa	PCB-159	50.00	9.01e+07	1.22 y	46:02	-	1.10
126	Hexa	PCB-128/162	100.00	1.37e+08	1.24 y	46:20	-	0.84
127	Hexa	PCB-167	50.00	7.81e+07	1.23 y	46:43	-	0.95
128	Hexa	PCB-156	50.00	7.78e+07	1.25 y	48:00	-	0.97
129	Hexa	PCB-157	50.00	7.62e+07	1.23 y	48:17	-	0.96
130	Hexa	PCB-169	50.00	8.59e+07	1.23 y	50:28	-	1.06
131	Hepta	PCB-188	50.00	6.98e+07	1.03 y	42:48	-	1.24
132	Hepta	PCB-184	50.00	6.93e+07	1.05 y	43:15	-	1.23
133	Hepta	PCB-179	50.00	7.28e+07	1.06 y	44:02	-	1.29
134	Hepta	PCB-176	50.00	6.90e+07	1.06 y	44:30	-	1.23
135	Hepta	PCB-186	50.00	7.40e+07	1.03 y	45:06	-	1.31
136	Hepta	PCB-178	50.00	5.22e+07	1.04 y	45:36	-	0.93
137	Hepta	PCB-175	50.00	5.39e+07	1.06 y	45:57	-	0.96
138	Hepta	PCB-182/187	100.00	1.21e+08	1.05 y	46:07	-	1.07
139	Hepta	PCB-183	50.00	5.97e+07	1.06 y	46:26	-	1.06
140	Hepta	PCB-185	50.00	5.07e+07	1.06 y	47:05	-	1.28
141	Hepta	PCB-174	50.00	5.01e+07	1.04 y	47:27	-	1.27
142	Hepta	PCB-181	50.00	5.71e+07	1.05 y	47:33	-	1.44
143	Hepta	PCB-177	50.00	5.01e+07	1.03 y	47:43	-	1.27
144	Hepta	PCB-171	50.00	4.98e+07	1.05 y	48:00	-	1.26
145	Hepta	PCB-173	50.00	4.60e+07	1.04 y	48:26	-	1.16
146	Hepta	PCB-172	50.00	5.13e+07	1.03 y	48:54	-	1.30
147	Hepta	PCB-192	50.00	6.70e+07	1.04 y	49:05	-	1.69
148	Hepta	PCB-180	50.00	5.56e+07	1.04 y	49:18	-	1.41
149	Hepta	PCB-193	50.00	6.12e+07	1.03 y	49:29	-	1.55
150	Hepta	PCB-191	50.00	6.46e+07	1.05 y	49:46	-	1.63
151	Hepta	PCB-170	50.00	4.73e+07	1.05 y	50:53	-	1.35
152	Hepta	PCB-190	50.00	6.31e+07	1.05 y	51:04	-	1.80
153	Hepta	PCB-189	50.00	6.19e+07	1.04 y	52:30	-	1.35
154	Octa	PCB-202	50.00	5.23e+07	0.90 y	48:13	-	1.01
155	Octa	PCB-201	50.00	4.89e+07	0.95 y	48:43	-	0.94
156	Octa	PCB-204	50.00	5.12e+07	0.86 y	48:52	-	0.99
157	Octa	PCB-197	50.00	5.09e+07	0.90 y	49:10	-	0.98
158	Octa	PCB-200	50.00	4.91e+07	0.91 y	50:04	-	0.94
159	Octa	PCB-198	50.00	4.03e+07	0.91 y	51:33	-	0.77
160	Octa	PCB-199	50.00	3.67e+07	0.91 y	51:40	-	0.71
161	Octa	PCB-196/203	100.00	7.88e+07	0.90 y	51:56	-	0.76
162	Octa	PCB-195	50.00	4.26e+07	0.90 y	53:11	-	0.98
163	Octa	PCB-194	50.00	4.69e+07	0.90 y	54:04	-	1.07

164	Octa	PCB-205	50.00	5.50e+07	0.90	y	54:20	-	1.26
165	Nona	PCB-208	50.00	5.15e+07	1.33	y	53:20	-	0.84
166	Nona	PCB-207	50.00	5.06e+07	1.33	y	53:39	-	0.83
167	Nona	PCB-206	50.00	3.82e+07	1.32	y	55:38	-	0.84
168	Deca	PCB-209	50.00	4.06e+07	1.19	y	56:56	-	0.96
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	0.98
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	0.98
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.08

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.00
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	0.98
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.10
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.05
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.86
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.93
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.26
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.87
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.10
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.83
182	Tot ╗	Total Deca-PCB	50.00	4.06e+07	1.19	y	56:56	-	0.96
183	Mono╗	13C-PCB-1	100.00	2.83e+08	3.19	y	16:01	-	1.17
184	Mono╗	13C-PCB-3	100.00	3.01e+08	3.19	y	18:38	-	1.25
185	Di-IS	13C-PCB-4	100.00	1.50e+08	1.56	y	19:59	-	0.62
186	Di-IS	13C-PCB-9	100.00	2.32e+08	1.58	y	21:46	-	0.96
187	Di-IS	13C-PCB-11	100.00	2.29e+08	1.55	y	25:10	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.52e+08	1.05	y	24:08	-	0.63
189	Tri-╗	13C-PCB-32	100.00	2.14e+08	1.08	y	27:04	-	0.89
190	Tri-╗	13C-PCB-28	100.00	1.99e+08	1.04	y	29:02	-	1.01
191	Tri-╗	13C-PCB-37	100.00	1.99e+08	1.06	y	32:54	-	1.01
192	Tetr╗	13C-PCB-54	100.00	1.91e+08	0.79	y	27:54	-	0.91
193	Tetr╗	13C-PCB-52	100.00	1.62e+08	0.79	y	31:27	-	0.77
194	Tetr╗	13C-PCB-47	100.00	1.74e+08	0.80	y	31:57	-	0.83
195	Tetr╗	13C-PCB-70	100.00	2.11e+08	0.81	y	35:28	-	1.00
196	Tetr╗	13C-PCB-80	100.00	2.12e+08	0.80	y	35:53	-	1.01
197	Tetr╗	13C-PCB-81	100.00	2.13e+08	0.79	y	38:59	-	1.01
198	Tetr╗	13C-PCB-77	100.00	2.06e+08	0.82	y	39:34	-	0.98
199	Pent╗	13C-PCB-104	100.00	1.33e+08	1.61	y	32:36	-	1.01
200	Pent╗	13C-PCB-95	100.00	1.06e+08	1.60	y	35:46	-	0.80
201	Pent╗	13C-PCB-101	100.00	1.06e+08	1.59	y	37:27	-	0.80
202	Pent╗	13C-PCB-97	100.00	9.30e+07	1.60	y	38:45	-	0.70
203	Pent╗	13C-PCB-123	100.00	1.27e+08	1.59	y	41:18	-	0.96
204	Pent╗	13C-PCB-118	100.00	1.34e+08	1.59	y	41:29	-	1.02
205	Pent╗	13C-PCB-114	100.00	1.37e+08	1.59	y	42:08	-	1.18
206	Pent╗	13C-PCB-105	100.00	1.35e+08	1.59	y	42:60	-	1.16
207	Pent╗	13C-PCB-127	100.00	1.47e+08	1.57	y	43:20	-	1.26
208	Pent╗	13C-PCB-126	100.00	1.35e+08	1.57	y	45:14	-	1.16
209	Hexa╗	13C-PCB-155	100.00	1.07e+08	1.26	y	36:60	-	0.81
210	Hexa╗	13C-PCB-153	100.00	1.55e+08	1.28	y	43:10	-	1.33
211	Hexa╗	13C-PCB-141	100.00	1.28e+08	1.28	y	43:54	-	1.10
212	Hexa	13C-PCB-138	100.00	1.38e+08	1.26	y	44:44	-	1.18
213	Hexa╗	13C-PCB-159	100.00	1.63e+08	1.27	y	46:01	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.64e+08	1.26	y	46:42	-	1.41
215	Hexa╗	13C-PCB-156	100.00	1.60e+08	1.27	y	47:59	-	1.38
216	Hexa╗	13C-PCB-157	100.00	1.59e+08	1.28	y	48:15	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.62e+08	1.27	y	50:28	-	1.39
218	Hept╗	13C-PCB-188	100.00	1.13e+08	0.46	y	42:48	-	1.38
219	Hept╗	13C-PCB-180	100.00	7.91e+07	0.46	y	49:17	-	0.97
220	Hept╗	13C-PCB-170	100.00	7.02e+07	0.46	y	50:53	-	0.86
221	Hept╗	13C-PCB-189	100.00	9.18e+07	0.45	y	52:29	-	1.13
222	Octa╗	13C-PCB-202	100.00	1.04e+08	0.91	y	48:12	-	1.28

223	Octa╗	13C-PCB-194	100.00	8.73e+07	0.90	y	54:03	-	0.76
224	Nona╗	13C-PCB-208	100.00	1.23e+08	0.77	y	53:19	-	1.07
225	Nona╗	13C-PCB-206	100.00	9.13e+07	0.78	y	55:37	-	0.80
226	Deca╗	13C-PCB-209	100.00	8.43e+07	1.20	y	56:56	-	0.74
227	DI-RS	13C-PCB-15	100.00	2.42e+08	1.55	y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.98e+08	1.05	y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.11e+08	0.79	y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.32e+08	1.57	y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.16e+08	1.28	y	46:17	-	1.00
232	Hept╗	13C-PCB-182	100.00	8.15e+07	0.46	y	46:07	-	1.00

233	Octa[illegible]	13C-PCB-205	100.00	1.14e+08	0.91	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.17e+08	0.80	y	37:46	-	1.03
235	CRS	13C-PCB-178	100.00	7.44e+07	0.46	y	45:35	-	0.91
236	PS	13C-PCB-79	100.00	2.17e+08	0.80	y	37:46	-	1.02
237	PS	13C-PCB-178	100.00	7.44e+07	0.46	y	45:35	-	0.94

Filename: 180208E1 S: 5 Acquired: 8-FEB-18 12:55:10
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-5 PCB CS4 17L3007

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	400.00	1.06e+09	3.00 y	16:00	-	1.05
2	Mono	PCB-2	400.00	1.12e+09	3.01 y	18:24	-	1.02
3	Mono	PCB-3	400.00	1.12e+09	3.00 y	18:38	-	1.02
4	Di	PCB-4/10	800.00	1.29e+09	1.54 y	20:01	-	1.20
5	Di	PCB-7/9	800.00	1.64e+09	1.55 y	21:49	-	0.95
6	Di	PCB-6	400.00	8.81e+08	1.55 y	22:28	-	1.02
7	Di	PCB-5/8	800.00	1.73e+09	1.56 y	22:52	-	1.00
8	Di	PCB-14	400.00	8.84e+08	1.56 y	23:58	-	1.00
9	Di	PCB-11	400.00	9.38e+08	1.56 y	25:10	-	1.06
10	Di	PCB-12/13	800.00	1.76e+09	1.55 y	25:34	-	0.99
11	Di	PCB-15	400.00	9.16e+08	1.53 y	25:53	-	1.03
12	Tri	PCB-19	400.00	6.92e+08	1.05 y	24:09	-	1.15
13	Tri	PCB-30	400.00	1.11e+09	1.05 y	25:03	-	1.85
14	Tri	PCB-18	400.00	7.73e+08	1.05 y	25:48	-	0.85
15	Tri	PCB-17	400.00	7.14e+08	1.04 y	25:59	-	0.79
16	Tri	PCB-24/27	800.00	2.01e+09	1.05 y	26:34	-	1.11
17	Tri	PCB-16/32	800.00	1.75e+09	1.05 y	27:04	-	0.96
18	Tri	PCB-34	400.00	6.97e+08	1.03 y	27:52	-	0.84
19	Tri	PCB-23	400.00	7.68e+08	1.08 y	27:57	-	0.93
20	Tri	PCB-29	400.00	7.41e+08	1.05 y	28:12	-	0.90
21	Tri	PCB-26	400.00	8.02e+08	1.06 y	28:26	-	0.97
22	Tri	PCB-25	400.00	8.41e+08	1.05 y	28:35	-	1.02
23	Tri	PCB-31	400.00	9.14e+08	1.05 y	28:56	-	1.11
24	Tri	PCB-28	400.00	9.09e+08	1.06 y	29:02	-	1.10
25	Tri	PCB-20/21/33	1200.00	2.44e+09	1.05 y	29:40	-	0.98
26	Tri	PCB-22	400.00	8.82e+08	1.05 y	30:06	-	1.07
27	Tri	PCB-36	400.00	9.01e+08	1.05 y	30:43	-	1.08
28	Tri	PCB-39	400.00	8.37e+08	1.06 y	31:11	-	1.00
29	Tri	PCB-38	400.00	8.81e+08	1.04 y	31:57	-	1.06
30	Tri	PCB-35	400.00	9.16e+08	1.05 y	32:29	-	1.10
31	Tri	PCB-37	400.00	8.86e+08	1.05 y	32:55	-	1.06
32	Tetra	PCB-54	400.00	8.28e+08	0.78 y	27:55	-	1.03
33	Tetra	PCB-50	400.00	7.17e+08	0.78 y	29:06	-	0.89
34	Tetra	PCB-53	400.00	6.74e+08	0.78 y	29:44	-	0.97
35	Tetra	PCB-51	400.00	7.22e+08	0.77 y	30:05	-	1.04
36	Tetra	PCB-45	400.00	5.75e+08	0.78 y	30:31	-	0.83
37	Tetra	PCB-46	400.00	5.51e+08	0.78 y	31:00	-	0.79
38	Tetra	PCB-52/69	800.00	1.66e+09	0.77 y	31:29	-	1.19
39	Tetra	PCB-73	400.00	9.41e+08	0.79 y	31:36	-	1.36
40	Tetra	PCB-43/49	800.00	1.35e+09	0.78 y	31:46	-	0.98
41	Tetra	PCB-47	400.00	6.36e+08	0.77 y	31:58	-	0.83

42	Tetra	PCB-48/75	800.00	1.69e+09	0.78 y	32:05	-	1.10
43	Tetra	PCB-65	400.00	9.31e+08	0.78 y	32:21	-	1.22
44	Tetra	PCB-62	400.00	8.02e+08	0.79 y	32:27	-	1.05
45	Tetra	PCB-44	400.00	6.38e+08	0.77 y	32:46	-	0.84
46	Tetra	PCB-42/59	800.00	1.53e+09	0.78 y	32:59	-	1.00
47	Tetra	PCB-41/64/71/72	1600.00	3.54e+09	0.78 y	33:35	-	1.16
48	Tetra	PCB-68	400.00	9.39e+08	0.77 y	33:50	-	1.23
49	Tetra	PCB-40	400.00	4.66e+08	0.78 y	34:03	-	0.61
50	Tetra	PCB-57	400.00	9.99e+08	0.78 y	34:25	-	1.06
51	Tetra	PCB-67	400.00	9.81e+08	0.77 y	34:43	-	1.04
52	Tetra	PCB-58	400.00	1.01e+09	0.79 y	34:50	-	1.08

53	Tetra	PCB-63	400.00	9.01e+08	0.78 y	34:59	-	0.96
54	Tetra	PCB-74	400.00	1.06e+09	0.78 y	35:16	-	1.12
55	Tetra	PCB-61/70	800.00	1.83e+09	0.78 y	35:26	-	0.97
56	Tetra	PCB-76/66	800.00	2.04e+09	0.78 y	35:40	-	1.08
57	Tetra	PCB-80	400.00	1.06e+09	0.78 y	35:54	-	1.12
58	Tetra	PCB-55	400.00	1.06e+09	0.77 y	36:13	-	1.12
59	Tetra	PCB-56/60	800.00	1.87e+09	0.77 y	36:42	-	0.99
60	Tetra	PCB-79	400.00	1.04e+09	0.79 y	37:47	-	1.10
61	Tetra	PCB-78	400.00	1.01e+09	0.77 y	38:28	-	1.05
62	Tetra	PCB-81	400.00	8.99e+08	0.78 y	38:60	-	0.94
63	Tetra	PCB-77	400.00	9.51e+08	0.78 y	39:35	-	1.03
64	Penta	PCB-104	400.00	6.19e+08	1.59 y	32:37	-	1.02
65	Penta	PCB-96	400.00	6.88e+08	1.59 y	33:52	-	1.13
66	Penta	PCB-103	400.00	5.49e+08	1.60 y	34:25	-	0.90
67	Penta	PCB-100	400.00	5.67e+08	1.59 y	34:47	-	0.93
68	Penta	PCB-94	400.00	4.39e+08	1.58 y	35:15	-	0.89
69	Penta	PCB-95/98/102	1200.00	1.70e+09	1.60 y	35:43	-	1.15
70	Penta	PCB-93	400.00	4.28e+08	1.58 y	35:51	-	0.87
71	Penta	PCB-88/91	800.00	9.09e+08	1.57 y	36:08	-	0.92
72	Penta	PCB-121	400.00	8.47e+08	1.61 y	36:15	-	1.72
73	Penta	PCB-84/92	800.00	9.42e+08	1.59 y	37:05	-	0.95
74	Penta	PCB-89	400.00	5.13e+08	1.60 y	37:15	-	1.04
75	Penta	PCB-90/101	800.00	1.04e+09	1.59 y	37:27	-	1.06
76	Penta	PCB-113	400.00	6.79e+08	1.56 y	37:42	-	1.38
77	Penta	PCB-99	400.00	6.44e+08	1.62 y	37:47	-	1.31
78	Penta	PCB-119	400.00	7.33e+08	1.59 y	38:14	-	1.67
79	Penta	PCB-108/112	800.00	1.15e+09	1.59 y	38:24	-	1.31
80	Penta	PCB-83	400.00	7.46e+08	1.59 y	38:34	-	1.71
81	Penta	PCB-97	400.00	4.96e+08	1.58 y	38:45	-	1.13
82	Penta	PCB-86	400.00	4.68e+08	1.53 y	38:54	-	1.07
83	Penta	PCB-87/117/125	1200.00	1.96e+09	1.59 y	39:02	-	1.49
84	Penta	PCB-111/115	800.00	1.52e+09	1.59 y	39:11	-	1.74
85	Penta	PCB-85/116	800.00	1.11e+09	1.61 y	39:18	-	1.26
86	Penta	PCB-120	400.00	8.34e+08	1.57 y	39:34	-	1.91
87	Penta	PCB-110	400.00	7.15e+08	1.59 y	39:42	-	1.63
88	Penta	PCB-82	400.00	4.53e+08	1.59 y	40:20	-	0.76
89	Penta	PCB-124	400.00	7.17e+08	1.57 y	41:00	-	1.20
90	Penta	PCB-107/109	800.00	1.54e+09	1.59 y	41:08	-	1.28
91	Penta	PCB-123	400.00	6.35e+08	1.58 y	41:19	-	1.06
92	Penta	PCB-106/118	800.00	1.48e+09	1.59 y	41:31	-	1.16
93	Penta	PCB-114	400.00	6.40e+08	1.55 y	42:09	-	1.08
94	Penta	PCB-122	400.00	5.89e+08	1.58 y	42:17	-	0.99
95	Penta	PCB-105	400.00	6.29e+08	1.58 y	43:01	-	1.09
96	Penta	PCB-127	400.00	6.70e+08	1.59 y	43:20	-	1.08
97	Penta	PCB-126	400.00	6.84e+08	1.59 y	45:14	-	1.18
98	Hexa	PCB-155	400.00	4.84e+08	1.28 y	37:01	-	0.95
99	Hexa	PCB-150	400.00	5.15e+08	1.29 y	38:16	-	1.01
100	Hexa	PCB-152	400.00	5.82e+08	1.29 y	38:45	-	1.14
101	Hexa	PCB-145	400.00	5.70e+08	1.30 y	39:11	-	1.11
102	Hexa	PCB-136	400.00	5.04e+08	1.28 y	39:31	-	0.98

103	Hexa	PCB-148	400.00	4.03e+08	1.29 y	39:37	-	0.79
104	Hexa	PCB-154	400.00	4.43e+08	1.29 y	40:07	-	0.87
105	Hexa	PCB-151	400.00	3.89e+08	1.29 y	40:45	-	0.76
106	Hexa	PCB-135	400.00	4.48e+08	1.28 y	40:58	-	0.87
107	Hexa	PCB-144	400.00	3.83e+08	1.30 y	41:05	-	0.75
108	Hexa	PCB-147	400.00	4.15e+08	1.29 y	41:12	-	0.81
109	Hexa	PCB-139/149	800.00	9.15e+08	1.28 y	41:28	-	0.89
110	Hexa	PCB-140	400.00	3.90e+08	1.25 y	41:39	-	0.76
111	Hexa	PCB-134/143	800.00	1.02e+09	1.24 y	42:05	-	0.75
112	Hexa	PCB-131/133	800.00	1.09e+09	1.25 y	42:23	-	0.80
113	Hexa	PCB-142	400.00	4.85e+08	1.24 y	42:32	-	0.71

114	Hexa	PCB-146/165	800.00	1.37e+09	1.23 y	42:46	-	0.99
115	Hexa	PCB-132/161	800.00	1.35e+09	1.23 y	43:00	-	0.98
116	Hexa	PCB-153	400.00	7.14e+08	1.24 y	43:10	-	1.04
117	Hexa	PCB-168	400.00	7.18e+08	1.23 y	43:23	-	1.05
118	Hexa	PCB-141	400.00	5.60e+08	1.24 y	43:55	-	0.98
119	Hexa	PCB-137	400.00	6.04e+08	1.22 y	44:17	-	1.06
120	Hexa	PCB-130	400.00	4.55e+08	1.25 y	44:24	-	0.80
121	Hexa	PCB-138/163/164	1200.00	2.20e+09	1.24 y	44:46	-	1.20
122	Hexa	PCB-158/160	800.00	1.41e+09	1.24 y	45:01	-	1.15
123	Hexa	PCB-129	400.00	4.58e+08	1.24 y	45:15	-	0.75
124	Hexa	PCB-166	400.00	7.89e+08	1.22 y	45:42	-	1.09
125	Hexa	PCB-159	400.00	8.37e+08	1.22 y	46:02	-	1.16
126	Hexa	PCB-128/162	800.00	1.26e+09	1.22 y	46:19	-	0.87
127	Hexa	PCB-167	400.00	7.28e+08	1.23 y	46:43	-	1.00
128	Hexa	PCB-156	400.00	7.24e+08	1.22 y	48:00	-	1.00
129	Hexa	PCB-157	400.00	6.99e+08	1.23 y	48:17	-	0.98
130	Hexa	PCB-169	400.00	7.79e+08	1.24 y	50:28	-	1.10
131	Hepta	PCB-188	400.00	6.79e+08	1.04 y	42:49	-	1.31
132	Hepta	PCB-184	400.00	6.67e+08	1.05 y	43:16	-	1.28
133	Hepta	PCB-179	400.00	6.93e+08	1.06 y	44:02	-	1.33
134	Hepta	PCB-176	400.00	6.48e+08	1.05 y	44:30	-	1.25
135	Hepta	PCB-186	400.00	7.15e+08	1.04 y	45:06	-	1.37
136	Hepta	PCB-178	400.00	4.89e+08	1.04 y	45:36	-	0.94
137	Hepta	PCB-175	400.00	5.13e+08	1.05 y	45:57	-	0.99
138	Hepta	PCB-182/187	800.00	1.15e+09	1.05 y	46:07	-	1.11
139	Hepta	PCB-183	400.00	5.58e+08	1.05 y	46:26	-	1.07
140	Hepta	PCB-185	400.00	4.78e+08	1.04 y	47:05	-	1.34
141	Hepta	PCB-174	400.00	4.84e+08	1.03 y	47:27	-	1.36
142	Hepta	PCB-181	400.00	5.30e+08	1.04 y	47:34	-	1.49
143	Hepta	PCB-177	400.00	4.67e+08	1.05 y	47:44	-	1.31
144	Hepta	PCB-171	400.00	4.77e+08	1.05 y	48:01	-	1.34
145	Hepta	PCB-173	400.00	4.36e+08	1.04 y	48:27	-	1.23
146	Hepta	PCB-172	400.00	4.92e+08	1.04 y	48:54	-	1.39
147	Hepta	PCB-192	400.00	6.47e+08	1.05 y	49:05	-	1.82
148	Hepta	PCB-180	400.00	5.30e+08	1.03 y	49:18	-	1.49
149	Hepta	PCB-193	400.00	5.83e+08	1.04 y	49:30	-	1.64
150	Hepta	PCB-191	400.00	6.08e+08	1.06 y	49:45	-	1.71
151	Hepta	PCB-170	400.00	4.35e+08	1.04 y	50:53	-	1.42
152	Hepta	PCB-190	400.00	5.93e+08	1.04 y	51:04	-	1.94
153	Hepta	PCB-189	400.00	5.83e+08	1.05 y	52:30	-	1.38
154	Octa	PCB-202	400.00	5.05e+08	0.91 y	48:13	-	1.05
155	Octa	PCB-201	400.00	4.57e+08	0.90 y	48:42	-	0.95
156	Octa	PCB-204	400.00	5.09e+08	0.91 y	48:51	-	1.06
157	Octa	PCB-197	400.00	4.94e+08	0.90 y	49:10	-	1.03
158	Octa	PCB-200	400.00	4.73e+08	0.90 y	50:04	-	0.99
159	Octa	PCB-198	400.00	3.68e+08	0.90 y	51:32	-	0.77
160	Octa	PCB-199	400.00	3.73e+08	0.91 y	51:39	-	0.78
161	Octa	PCB-196/203	800.00	7.77e+08	0.90 y	51:56	-	0.81
162	Octa	PCB-195	400.00	3.64e+08	0.90 y	53:10	-	1.01
163	Octa	PCB-194	400.00	4.02e+08	0.90 y	54:04	-	1.11

164	Octa	PCB-205	400.00	4.72e+08	0.90	y	54:20	-	1.30
165	Nona	PCB-208	400.00	4.60e+08	1.32	y	53:19	-	0.88
166	Nona	PCB-207	400.00	4.60e+08	1.32	y	53:38	-	0.88
167	Nona	PCB-206	400.00	3.34e+08	1.31	y	55:37	-	0.86
168	Deca	PCB-209	400.00	3.68e+08	1.19	y	56:57	-	1.02
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.03
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.00
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.10

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.01
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.03
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.15
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.09
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.90
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.97
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.31
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.92
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.14
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.87
182	Tot ╗	Total Deca-PCB	400.00	3.68e+08	1.19	y	56:57	-	1.02
183	Mono╗	13C-PCB-1	100.00	2.53e+08	3.18	y	15:59	-	1.07
184	Mono╗	13C-PCB-3	100.00	2.75e+08	3.16	y	18:37	-	1.17
185	Di-IS	13C-PCB-4	100.00	1.35e+08	1.58	y	19:58	-	0.57
186	Di-IS	13C-PCB-9	100.00	2.15e+08	1.55	y	21:46	-	0.91
187	Di-IS	13C-PCB-11	100.00	2.22e+08	1.56	y	25:10	-	0.94
188	Tri-╗	13C-PCB-19	100.00	1.50e+08	1.06	y	24:08	-	0.64
189	Tri-╗	13C-PCB-32	100.00	2.26e+08	1.07	y	27:04	-	0.96
190	Tri-╗	13C-PCB-28	100.00	2.07e+08	1.05	y	29:02	-	1.03
191	Tri-╗	13C-PCB-37	100.00	2.08e+08	1.05	y	32:54	-	1.04
192	Tetr╗	13C-PCB-54	100.00	2.01e+08	0.81	y	27:54	-	0.86
193	Tetr╗	13C-PCB-52	100.00	1.73e+08	0.79	y	31:27	-	0.74
194	Tetr╗	13C-PCB-47	100.00	1.91e+08	0.79	y	31:57	-	0.82
195	Tetr╗	13C-PCB-70	100.00	2.36e+08	0.80	y	35:27	-	1.01
196	Tetr╗	13C-PCB-80	100.00	2.36e+08	0.79	y	35:53	-	1.01
197	Tetr╗	13C-PCB-81	100.00	2.40e+08	0.79	y	38:59	-	1.02
198	Tetr╗	13C-PCB-77	100.00	2.31e+08	0.81	y	39:34	-	0.99
199	Pent╗	13C-PCB-104	100.00	1.52e+08	1.59	y	32:36	-	0.97
200	Pent╗	13C-PCB-95	100.00	1.23e+08	1.58	y	35:46	-	0.79
201	Pent╗	13C-PCB-101	100.00	1.23e+08	1.62	y	37:27	-	0.79
202	Pent╗	13C-PCB-97	100.00	1.09e+08	1.59	y	38:45	-	0.70
203	Pent╗	13C-PCB-123	100.00	1.49e+08	1.58	y	41:18	-	0.95
204	Pent╗	13C-PCB-118	100.00	1.58e+08	1.58	y	41:29	-	1.01
205	Pent╗	13C-PCB-114	100.00	1.48e+08	1.59	y	42:08	-	1.14
206	Pent╗	13C-PCB-105	100.00	1.44e+08	1.56	y	42:60	-	1.11
207	Pent╗	13C-PCB-127	100.00	1.55e+08	1.59	y	43:20	-	1.20
208	Pent╗	13C-PCB-126	100.00	1.44e+08	1.56	y	45:14	-	1.11
209	Hexa╗	13C-PCB-155	100.00	1.28e+08	1.26	y	36:59	-	0.82
210	Hexa╗	13C-PCB-153	100.00	1.72e+08	1.26	y	43:10	-	1.32
211	Hexa╗	13C-PCB-141	100.00	1.42e+08	1.27	y	43:54	-	1.10
212	Hexa	13C-PCB-138	100.00	1.53e+08	1.26	y	44:44	-	1.18
213	Hexa╗	13C-PCB-159	100.00	1.81e+08	1.27	y	46:01	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.81e+08	1.26	y	46:42	-	1.40
215	Hexa╗	13C-PCB-156	100.00	1.82e+08	1.29	y	47:59	-	1.40
216	Hexa╗	13C-PCB-157	100.00	1.78e+08	1.29	y	48:15	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.77e+08	1.26	y	50:27	-	1.37
218	Hept╗	13C-PCB-188	100.00	1.30e+08	0.46	y	42:48	-	1.41
219	Hept╗	13C-PCB-180	100.00	8.88e+07	0.47	y	49:17	-	0.97
220	Hept╗	13C-PCB-170	100.00	7.64e+07	0.45	y	50:52	-	0.83
221	Hept╗	13C-PCB-189	100.00	1.06e+08	0.47	y	52:29	-	1.15
222	Octa╗	13C-PCB-202	100.00	1.20e+08	0.91	y	48:12	-	1.30

223	Octa╗	13C-PCB-194	100.00	9.06e+07	0.90	y	54:03	-	0.77
224	Nona╗	13C-PCB-208	100.00	1.31e+08	0.77	y	53:18	-	1.11
225	Nona╗	13C-PCB-206	100.00	9.72e+07	0.77	y	55:36	-	0.82
226	Deca╗	13C-PCB-209	100.00	8.99e+07	1.21	y	56:56	-	0.76
227	DI-RS	13C-PCB-15	100.00	2.36e+08	1.55	y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	2.01e+08	1.04	y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	2.34e+08	0.80	y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.57e+08	1.58	y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.30e+08	1.25	y	46:17	-	1.00
232	Hept╗	13C-PCB-182	100.00	9.20e+07	0.46	y	46:07	-	1.00

233	Octa	13C-PCB-205	100.00	1.18e+08	0.90	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.43e+08	0.79	y	37:46	-	1.04
235	CRS	13C-PCB-178	100.00	8.69e+07	0.46	y	45:35	-	0.94
236	PS	13C-PCB-79	100.00	2.43e+08	0.79	y	37:46	-	1.01
237	PS	13C-PCB-178	100.00	8.69e+07	0.46	y	45:35	-	0.98

Filename: 180208E1 S: 6 Acquired: 8-FEB-18 14:00:18
Run: 180208E1 Analyte: PCBNEW ICal: PCBVG8-2-8-18 Results:
Sample text: ST180208E1-6 PCB CS5 17L3008

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1000.00	2.61e+09	2.96 y	16:01	-	1.01
2	Mono	PCB-2	1000.00	2.74e+09	2.99 y	18:25	-	1.00
3	Mono	PCB-3	1000.00	2.70e+09	2.97 y	18:39	-	0.99
4	Di	PCB-4/10	2000.00	3.04e+09	1.55 y	20:01	-	1.15
5	Di	PCB-7/9	2000.00	3.76e+09	1.55 y	21:49	-	0.92
6	Di	PCB-6	1000.00	2.02e+09	1.56 y	22:28	-	0.99
7	Di	PCB-5/8	2000.00	3.91e+09	1.55 y	22:52	-	0.96
8	Di	PCB-14	1000.00	1.98e+09	1.55 y	23:58	-	0.98
9	Di	PCB-11	1000.00	2.10e+09	1.56 y	25:10	-	1.04
10	Di	PCB-12/13	2000.00	3.91e+09	1.55 y	25:34	-	0.97
11	Di	PCB-15	1000.00	2.00e+09	1.53 y	25:53	-	0.99
12	Tri	PCB-19	1000.00	1.52e+09	1.04 y	24:09	-	1.13
13	Tri	PCB-30	1000.00	2.45e+09	1.05 y	25:03	-	1.82
14	Tri	PCB-18	1000.00	1.68e+09	1.05 y	25:48	-	0.86
15	Tri	PCB-17	1000.00	1.55e+09	1.05 y	25:59	-	0.80
16	Tri	PCB-24/27	2000.00	4.32e+09	1.05 y	26:33	-	1.11
17	Tri	PCB-16/32	2000.00	3.69e+09	1.05 y	27:04	-	0.95
18	Tri	PCB-34	1000.00	1.55e+09	1.04 y	27:52	-	0.97
19	Tri	PCB-23	1000.00	1.59e+09	1.07 y	27:57	-	1.00
20	Tri	PCB-29	1000.00	1.56e+09	1.06 y	28:12	-	0.98
21	Tri	PCB-26	1000.00	1.61e+09	1.06 y	28:25	-	1.01
22	Tri	PCB-25	1000.00	1.69e+09	1.07 y	28:35	-	1.06
23	Tri	PCB-31	1000.00	1.89e+09	1.05 y	28:56	-	1.19
24	Tri	PCB-28	1000.00	1.73e+09	1.07 y	29:02	-	1.09
25	Tri	PCB-20/21/33	3000.00	4.98e+09	1.06 y	29:39	-	1.04
26	Tri	PCB-22	1000.00	1.84e+09	1.05 y	30:06	-	1.15
27	Tri	PCB-36	1000.00	1.89e+09	1.06 y	30:42	-	1.05
28	Tri	PCB-39	1000.00	1.78e+09	1.05 y	31:11	-	0.99
29	Tri	PCB-38	1000.00	1.85e+09	1.06 y	31:57	-	1.03
30	Tri	PCB-35	1000.00	1.94e+09	1.05 y	32:29	-	1.08
31	Tri	PCB-37	1000.00	1.87e+09	1.06 y	32:55	-	1.04
32	Tetra	PCB-54	1000.00	1.74e+09	0.78 y	27:54	-	1.00
33	Tetra	PCB-50	1000.00	1.36e+09	0.77 y	29:04	-	0.78
34	Tetra	PCB-53	1000.00	1.33e+09	0.77 y	29:44	-	0.92
35	Tetra	PCB-51	1000.00	1.45e+09	0.78 y	30:05	-	1.00
36	Tetra	PCB-45	1000.00	1.16e+09	0.78 y	30:30	-	0.80
37	Tetra	PCB-46	1000.00	1.12e+09	0.78 y	30:59	-	0.78
38	Tetra	PCB-52/69	2000.00	3.46e+09	0.77 y	31:29	-	1.20
39	Tetra	PCB-73	1000.00	1.83e+09	0.78 y	31:36	-	1.27
40	Tetra	PCB-43/49	2000.00	2.84e+09	0.78 y	31:45	-	0.98
41	Tetra	PCB-47	1000.00	1.34e+09	0.78 y	31:57	-	0.83

42	Tetra	PCB-48/75	2000.00	3.41e+09	0.78	y	32:04	-	1.06
43	Tetra	PCB-65	1000.00	1.98e+09	0.77	y	32:20	-	1.24
44	Tetra	PCB-62	1000.00	1.62e+09	0.78	y	32:27	-	1.01
45	Tetra	PCB-44	1000.00	1.31e+09	0.78	y	32:45	-	0.82
46	Tetra	PCB-42/59	2000.00	3.12e+09	0.78	y	32:59	-	0.97
47	Tetra	PCB-41/64/71/72	4000.00	7.25e+09	0.78	y	33:34	-	1.13
48	Tetra	PCB-68	1000.00	1.93e+09	0.78	y	33:50	-	1.20
49	Tetra	PCB-40	1000.00	9.50e+08	0.78	y	34:02	-	0.59
50	Tetra	PCB-57	1000.00	2.01e+09	0.78	y	34:24	-	1.04
51	Tetra	PCB-67	1000.00	2.03e+09	0.77	y	34:42	-	1.05
52	Tetra	PCB-58	1000.00	2.07e+09	0.78	y	34:50	-	1.07

53	Tetra	PCB-63	1000.00	1.82e-09	0.78 y	34:59	-	0.94
54	Tetra	PCB-74	1000.00	2.17e+09	0.78 y	35:16	-	1.12
55	Tetra	PCB-61/70	2000.00	3.66e+09	0.78 y	35:26	-	0.95
56	Tetra	PCB-76/66	2000.00	4.13e+09	0.78 y	35:39	-	1.07
57	Tetra	PCB-80	1000.00	2.14e+09	0.78 y	35:54	-	1.11
58	Tetra	PCB-55	1000.00	2.15e+09	0.77 y	36:13	-	1.12
59	Tetra	PCB-56/60	2000.00	3.82e+09	0.78 y	36:42	-	0.99
60	Tetra	PCB-79	1000.00	2.13e+09	0.78 y	37:46	-	1.10
61	Tetra	PCB-78	1000.00	2.03e+09	0.78 y	38:28	-	1.03
62	Tetra	PCB-81	1000.00	1.80e+09	0.78 y	38:59	-	0.91
63	Tetra	PCB-77	1000.00	1.92e+09	0.78 y	39:35	-	1.02
64	Penta	PCB-104	1000.00	1.21e+09	1.58 y	32:37	-	1.00
65	Penta	PCB-96	1000.00	1.32e+09	1.59 y	33:52	-	1.10
66	Penta	PCB-103	1000.00	1.06e+09	1.61 y	34:25	-	0.88
67	Penta	PCB-100	1000.00	1.08e+09	1.60 y	34:47	-	0.90
68	Penta	PCB-94	1000.00	8.53e+08	1.59 y	35:15	-	0.87
69	Penta	PCB-95/98/102	3000.00	3.16e+09	1.60 y	35:43	-	1.07
70	Penta	PCB-93	1000.00	8.96e+08	1.59 y	35:51	-	0.91
71	Penta	PCB-88/91	2000.00	1.76e+09	1.58 y	36:08	-	0.89
72	Penta	PCB-121	1000.00	1.59e+09	1.62 y	36:15	-	1.61
73	Penta	PCB-84/92	2000.00	1.81e+09	1.59 y	37:05	-	0.92
74	Penta	PCB-89	1000.00	9.76e+08	1.59 y	37:15	-	0.99
75	Penta	PCB-90/101	2000.00	1.99e+09	1.59 y	37:27	-	1.01
76	Penta	PCB-113	1000.00	1.44e+09	1.56 y	37:42	-	1.46
77	Penta	PCB-99	1000.00	1.10e+09	1.64 y	37:47	-	1.12
78	Penta	PCB-119	1000.00	1.43e+09	1.60 y	38:14	-	1.68
79	Penta	PCB-108/112	2000.00	2.28e+09	1.64 y	38:25	-	1.34
80	Penta	PCB-83	1000.00	1.41e+09	1.52 y	38:34	-	1.65
81	Penta	PCB-97	1000.00	9.57e+08	1.59 y	38:45	-	1.12
82	Penta	PCB-86	1000.00	9.05e+08	1.57 y	38:54	-	1.06
83	Penta	PCB-87/117/125	3000.00	3.84e+09	1.60 y	39:02	-	1.50
84	Penta	PCB-111/115	2000.00	2.93e+09	1.59 y	39:11	-	1.72
85	Penta	PCB-85/116	2000.00	2.14e+09	1.61 y	39:19	-	1.26
86	Penta	PCB-120	1000.00	1.62e+09	1.59 y	39:34	-	1.90
87	Penta	PCB-110	1000.00	1.37e+09	1.61 y	39:42	-	1.61
88	Penta	PCB-82	1000.00	8.70e+08	1.59 y	40:19	-	0.77
89	Penta	PCB-124	1000.00	1.51e+09	1.56 y	41:00	-	1.33
90	Penta	PCB-107/109	2000.00	2.70e+09	1.59 y	41:08	-	1.19
91	Penta	PCB-123	1000.00	1.21e+09	1.63 y	41:20	-	1.07
92	Penta	PCB-106/118	2000.00	2.70e+09	1.58 y	41:31	-	1.10
93	Penta	PCB-114	1000.00	1.32e+09	1.56 y	42:09	-	1.04
94	Penta	PCB-122	1000.00	1.23e+09	1.58 y	42:17	-	0.97
95	Penta	PCB-105	1000.00	1.32e+09	1.58 y	43:01	-	1.08
96	Penta	PCB-127	1000.00	1.41e+09	1.58 y	43:20	-	1.05
97	Penta	PCB-126	1000.00	1.44e+09	1.60 y	45:14	-	1.16
98	Hexa	PCB-155	1000.00	9.07e+08	1.29 y	37:01	-	0.93
99	Hexa	PCB-150	1000.00	9.56e+08	1.29 y	38:16	-	0.98
100	Hexa	PCB-152	1000.00	1.08e+09	1.29 y	38:45	-	1.11
101	Hexa	PCB-145	1000.00	1.05e+09	1.29 y	39:11	-	1.08
102	Hexa	PCB-136	1000.00	9.39e+08	1.28 y	39:31	-	0.97

103	Hexa	PCB-148	1000.00	7.52e+08	1.30 y	39:37	-	0.77
104	Hexa	PCB-154	1000.00	8.28e+08	1.28 y	40:07	-	0.85
105	Hexa	PCB-151	1000.00	7.22e+08	1.29 y	40:44	-	0.74
106	Hexa	PCB-135	1000.00	8.24e+08	1.28 y	40:58	-	0.85
107	Hexa	PCB-144	1000.00	6.97e+08	1.31 y	41:05	-	0.72
108	Hexa	PCB-147	1000.00	7.40e+08	1.30 y	41:12	-	0.76
109	Hexa	PCB-139/149	2000.00	1.65e+09	1.29 y	41:28	-	0.85
110	Hexa	PCB-140	1000.00	6.98e+08	1.29 y	41:39	-	0.72
111	Hexa	PCB-134/143	2000.00	2.01e+09	1.25 y	42:05	-	0.72
112	Hexa	PCB-131/133	2000.00	2.23e+09	1.25 y	42:23	-	0.80
113	Hexa	PCB-142	1000.00	9.70e+08	1.24 y	42:32	-	0.70

114	Hexa	PCB-146/165	2000.00	2.76e+09	1.24 y	42:46	-	0.99
115	Hexa	PCB-132/161	2000.00	2.74e+09	1.24 y	43:00	-	0.98
116	Hexa	PCB-153	1000.00	1.42e+09	1.25 y	43:10	-	1.02
117	Hexa	PCB-168	1000.00	1.45e+09	1.24 y	43:23	-	1.04
118	Hexa	PCB-141	1000.00	1.13e+09	1.24 y	43:54	-	0.97
119	Hexa	PCB-137	1000.00	1.24e+09	1.23 y	44:17	-	1.07
120	Hexa	PCB-130	1000.00	9.03e+08	1.25 y	44:24	-	0.77
121	Hexa	PCB-138/163/164	3000.00	4.46e+09	1.24 y	44:46	-	1.18
122	Hexa	PCB-158/160	2000.00	2.84e+09	1.24 y	45:01	-	1.12
123	Hexa	PCB-129	1000.00	9.27e+08	1.24 y	45:15	-	0.73
124	Hexa	PCB-166	1000.00	1.61e+09	1.24 y	45:42	-	1.06
125	Hexa	PCB-159	1000.00	1.71e+09	1.24 y	46:02	-	1.13
126	Hexa	PCB-128/162	2000.00	2.58e+09	1.23 y	46:19	-	0.85
127	Hexa	PCB-167	1000.00	1.47e+09	1.23 y	46:43	-	0.97
128	Hexa	PCB-156	1000.00	1.50e+09	1.24 y	48:00	-	0.99
129	Hexa	PCB-157	1000.00	1.46e+09	1.24 y	48:15	-	0.97
130	Hexa	PCB-169	1000.00	1.67e+09	1.25 y	50:28	-	1.10
131	Hepta	PCB-188	1000.00	1.31e+09	1.05 y	42:48	-	1.30
132	Hepta	PCB-184	1000.00	1.28e+09	1.05 y	43:15	-	1.27
133	Hepta	PCB-179	1000.00	1.35e+09	1.05 y	44:01	-	1.33
134	Hepta	PCB-176	1000.00	1.27e+09	1.05 y	44:29	-	1.25
135	Hepta	PCB-186	1000.00	1.41e+09	1.04 y	45:06	-	1.39
136	Hepta	PCB-178	1000.00	9.71e+08	1.06 y	45:36	-	0.96
137	Hepta	PCB-175	1000.00	1.02e+09	1.05 y	45:57	-	1.01
138	Hepta	PCB-182/187	2000.00	2.28e+09	1.05 y	46:07	-	1.13
139	Hepta	PCB-183	1000.00	1.12e+09	1.04 y	46:25	-	1.10
140	Hepta	PCB-185	1000.00	9.60e+08	1.06 y	47:05	-	1.30
141	Hepta	PCB-174	1000.00	9.99e+08	1.05 y	47:27	-	1.35
142	Hepta	PCB-181	1000.00	1.06e+09	1.05 y	47:33	-	1.43
143	Hepta	PCB-177	1000.00	9.42e+08	1.05 y	47:43	-	1.28
144	Hepta	PCB-171	1000.00	9.63e+08	1.05 y	48:00	-	1.31
145	Hepta	PCB-173	1000.00	8.78e+08	1.05 y	48:26	-	1.19
146	Hepta	PCB-172	1000.00	1.00e+09	1.05 y	48:54	-	1.36
147	Hepta	PCB-192	1000.00	1.30e+09	1.05 y	49:05	-	1.77
148	Hepta	PCB-180	1000.00	1.08e+09	1.05 y	49:17	-	1.46
149	Hepta	PCB-193	1000.00	1.18e+09	1.05 y	49:29	-	1.60
150	Hepta	PCB-191	1000.00	1.25e+09	1.05 y	49:44	-	1.69
151	Hepta	PCB-170	1000.00	9.07e+08	1.04 y	50:53	-	1.40
152	Hepta	PCB-190	1000.00	1.23e+09	1.06 y	51:04	-	1.89
153	Hepta	PCB-189	1000.00	1.21e+09	1.05 y	52:29	-	1.38
154	Octa	PCB-202	1000.00	9.95e+08	0.91 y	48:13	-	1.04
155	Octa	PCB-201	1000.00	9.11e+08	0.90 y	48:42	-	0.95
156	Octa	PCB-204	1000.00	9.96e+08	0.90 y	48:51	-	1.04
157	Octa	PCB-197	1000.00	9.86e+08	0.90 y	49:10	-	1.03
158	Octa	PCB-200	1000.00	9.59e+08	0.90 y	50:04	-	1.00
159	Octa	PCB-198	1000.00	7.64e+08	0.90 y	51:32	-	0.80
160	Octa	PCB-199	1000.00	7.38e+08	0.90 y	51:39	-	0.77
161	Octa	PCB-196/203	2000.00	1.58e+09	0.90 y	51:56	-	0.82
162	Octa	PCB-195	1000.00	8.04e+08	0.90 y	53:10	-	0.97
163	Octa	PCB-194	1000.00	8.93e+08	0.90 y	54:03	-	1.07

164	Octa	PCB-205	1000.00	1.05e+09	0.90	y	54:19	-	1.26
165	Nona	PCB-208	1000.00	1.01e+09	1.32	y	53:19	-	0.86
166	Nona	PCB-207	1000.00	1.02e+09	1.32	y	53:38	-	0.87
167	Nona	PCB-206	1000.00	7.42e+08	1.31	y	55:37	-	0.84
168	Deca	PCB-209	1000.00	8.00e+08	1.19	y	56:57	-	1.00
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.00
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	0.98
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.09

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.04
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.00
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.12
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.06
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.87
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	0.96
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.31
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	0.92
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.10
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.86
182	Tot ╗	Total Deca-PCB	1000.00	8.00e+08	1.19	y	56:57	-	1.00
183	Mono╗	13C-PCB-1	100.00	2.59e+08	3.17	y	16:00	-	1.22
184	Mono╗	13C-PCB-3	100.00	2.72e+08	3.19	y	18:38	-	1.28
185	Di-IS	13C-PCB-4	100.00	1.32e+08	1.56	y	19:58	-	0.62
186	Di-IS	13C-PCB-9	100.00	2.04e+08	1.55	y	21:46	-	0.96
187	Di-IS	13C-PCB-11	100.00	2.02e+08	1.54	y	25:10	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.35e+08	1.06	y	24:08	-	0.63
189	Tri-╗	13C-PCB-32	100.00	1.94e+08	1.06	y	27:04	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.60e+08	1.05	y	29:02	-	0.93
191	Tri-╗	13C-PCB-37	100.00	1.80e+08	1.05	y	32:54	-	1.05
192	Tetr╗	13C-PCB-54	100.00	1.74e+08	0.80	y	27:54	-	0.90
193	Tetr╗	13C-PCB-52	100.00	1.44e+08	0.80	y	31:26	-	0.75
194	Tetr╗	13C-PCB-47	100.00	1.60e+08	0.79	y	31:57	-	0.83
195	Tetr╗	13C-PCB-70	100.00	1.93e+08	0.81	y	35:27	-	1.00
196	Tetr╗	13C-PCB-80	100.00	1.93e+08	0.81	y	35:53	-	0.99
197	Tetr╗	13C-PCB-81	100.00	1.96e+08	0.81	y	38:59	-	1.01
198	Tetr╗	13C-PCB-77	100.00	1.88e+08	0.81	y	39:34	-	0.97
199	Pent╗	13C-PCB-104	100.00	1.20e+08	1.58	y	32:36	-	0.99
200	Pent╗	13C-PCB-95	100.00	9.85e+07	1.56	y	35:46	-	0.81
201	Pent╗	13C-PCB-101	100.00	9.85e+07	1.57	y	37:27	-	0.81
202	Pent╗	13C-PCB-97	100.00	8.53e+07	1.61	y	38:45	-	0.70
203	Pent╗	13C-PCB-123	100.00	1.13e+08	1.59	y	41:18	-	0.93
204	Pent╗	13C-PCB-118	100.00	1.23e+08	1.58	y	41:29	-	1.01
205	Pent╗	13C-PCB-114	100.00	1.26e+08	1.60	y	42:08	-	1.17
206	Pent╗	13C-PCB-105	100.00	1.23e+08	1.60	y	42:60	-	1.13
207	Pent╗	13C-PCB-127	100.00	1.35e+08	1.58	y	43:20	-	1.24
208	Pent╗	13C-PCB-126	100.00	1.23e+08	1.57	y	45:14	-	1.14
209	Hexa╗	13C-PCB-155	100.00	9.72e+07	1.27	y	36:59	-	0.80
210	Hexa╗	13C-PCB-153	100.00	1.39e+08	1.27	y	43:10	-	1.28
211	Hexa╗	13C-PCB-141	100.00	1.17e+08	1.29	y	43:54	-	1.08
212	Hexa	13C-PCB-138	100.00	1.26e+08	1.28	y	44:44	-	1.16
213	Hexa╗	13C-PCB-159	100.00	1.52e+08	1.27	y	46:01	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.51e+08	1.25	y	46:42	-	1.39
215	Hexa╗	13C-PCB-156	100.00	1.51e+08	1.27	y	47:59	-	1.39
216	Hexa╗	13C-PCB-157	100.00	1.51e+08	1.27	y	48:15	-	1.39
217	Hexa╗	13C-PCB-169	100.00	1.51e+08	1.28	y	50:27	-	1.40
218	Hept╗	13C-PCB-188	100.00	1.01e+08	0.46	y	42:47	-	1.35
219	Hept╗	13C-PCB-180	100.00	7.38e+07	0.46	y	49:16	-	0.98
220	Hept╗	13C-PCB-170	100.00	6.49e+07	0.47	y	50:52	-	0.87
221	Hept╗	13C-PCB-189	100.00	8.75e+07	0.44	y	52:29	-	1.17
222	Octa╗	13C-PCB-202	100.00	9.60e+07	0.91	y	48:12	-	1.28

223	Octa╗	13C-PCB-194	100.00	8.31e+07	0.91 y	54:02	-	0.79
224	Nona╗	13C-PCB-208	100.00	1.17e+08	0.76 y	53:18	-	1.11
225	Nona╗	13C-PCB-206	100.00	8.79e+07	0.78 y	55:36	-	0.83
226	Deca╗	13C-PCB-209	100.00	8.01e+07	1.19 y	56:56	-	0.76
227	DI-RS	13C-PCB-15	100.00	2.13e+08	1.55 y	25:52	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.71e+08	1.05 y	28:55	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.94e+08	0.79 y	36:42	-	1.00
230	Penta	13C-PCB-111	100.00	1.22e+08	1.61 y	39:11	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.08e+08	1.28 y	46:17	-	1.00
232	Hept╗	13C-PCB-182	100.00	7.51e+07	0.47 y	46:07	-	1.00

233	Octa¶	13C-PCB-205	100.00	1.06e+08	0.91 y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	2.01e+08	0.80 y	37:46	-	1.04
235	CRS	13C-PCB-178	100.00	6.78e+07	0.46 y	45:35	-	0.90
236	PS	13C-PCB-79	100.00	2.01e+08	0.80 y	37:46	-	1.02
237	PS	13C-PCB-178	100.00	6.78e+07	0.46 y	45:35	-	0.92

Initial Calibration RRF Summary (ICAL) Vista Analytical Laboratory

Run: 180208E1 Analyte: PCBNEW Cal: PCBVG8-2-8-18 Inst. ID. VG-8

Data filename: 180208E1

Name	RRT Limits Lower	RRT Limits Upper	Samp# 1 0.25 RRT#1	Samp# 2 1.0 RRT#2	Samp# 3 2.5 RRT#3	Samp# 4 50 RRT#4	Samp# 5 400 RRT#5	Samp# 6 1000 RRT#6
PCB-1	0.996	-1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-2	0.983	-0.993	0.988	0.988	0.988	0.988	0.988	0.988
PCB-3	0.996	-1.006	1.000	1.001	1.001	1.001	1.001	1.001
PCB-4/10	0.998	-1.008	1.002	1.003	1.003	1.003	1.003	1.002
PCB-7/9	0.863	-0.871	0.867	0.867	0.867	0.867	0.867	0.867
PCB-6	0.888	-0.897	0.893	0.893	0.893	0.893	0.893	0.893
PCB-5/8	0.904	-0.913	0.909	0.909	0.909	0.909	0.909	0.909
PCB-14	0.948	-0.958	0.953	0.953	0.953	0.953	0.953	0.953
PCB-11	0.996	-1.006	1.000	1.001	1.001	1.001	1.000	1.000
PCB-12/13	1.011	-1.021	1.016	1.016	1.017	1.016	1.016	1.016
PCB-15	1.023	-1.033	1.029	1.028	1.029	1.029	1.029	1.029
PCB-19	0.996	-1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-30	1.034	-1.044	1.038	1.038	1.038	1.038	1.038	1.038
PCB-18	0.948	-0.958	0.953	0.954	0.954	0.953	0.953	0.954
PCB-17	0.955	-0.965	0.960	0.960	0.960	0.960	0.960	0.960
PCB-24/27	0.977	-0.986	0.981	0.981	0.981	0.981	0.981	0.981
PCB-16/32	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-34	0.955	-0.965	0.960	0.960	0.960	0.960	0.960	0.960
PCB-23	0.958	-0.968	0.964	0.963	0.964	0.963	0.963	0.963
PCB-29	0.966	-0.976	0.972	0.972	0.972	0.971	0.971	0.971
PCB-26	0.974	-0.984	0.979	0.979	0.979	0.979	0.979	0.979
PCB-25	0.980	-0.990	0.985	0.985	0.984	0.985	0.985	0.985
PCB-31	0.992	-1.002	0.997	0.997	0.997	0.997	0.997	0.997
PCB-28	0.995	-1.005	1.001	1.001	1.001	1.000	1.000	1.000
PCB-20/21/33	1.017	-1.027	1.022	1.021	1.022	1.022	1.022	1.021
PCB-22	1.032	-1.042	1.037	1.037	1.037	1.037	1.037	1.037
PCB-36	0.929	-0.939	0.934	0.933	0.934	0.934	0.934	0.933
PCB-39	0.943	-0.953	0.948	0.948	0.948	0.948	0.948	0.948
PCB-38	0.966	-0.976	0.972	0.971	0.972	0.971	0.971	0.971
PCB-35	0.982	-0.992	0.987	0.987	0.987	0.987	0.987	0.987
PCB-37	0.996	-1.006	1.000	1.000	1.000	1.000	1.000	1.001
PCB-54	0.996	-1.006	1.000	1.001	1.001	1.001	1.001	1.000
PCB-50	1.038	-1.048	1.043	1.043	1.043	1.043	1.043	1.042
PCB-53	0.940	-0.950	0.945	0.945	0.945	0.946	0.946	0.946
PCB-51	0.952	-0.962	0.956	0.956	0.956	0.957	0.957	0.957
PCB-45	0.965	-0.975	0.970	0.970	0.970	0.971	0.970	0.970
PCB-46	0.980	-0.990	0.986	0.986	0.985	0.985	0.986	0.985
PCB-52/69	0.996	-1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-73	1.000	-1.010	1.005	1.004	1.005	1.005	1.005	1.005
PCB-43/49	1.005	-1.015	1.010	1.010	1.010	1.010	1.010	1.010
PCB-47	0.995	-1.005	1.000	1.001	1.000	1.000	1.000	1.000

PCB-48/75	0.999	-1.009	1.004	1.004	1.004	1.004	1.004	1.004
PCB-65	1.007	-1.017	1.012	1.013	1.012	1.012	1.012	1.012
PCB-62	1.011	-1.021	1.016	1.016	1.016	1.016	1.016	1.016
PCB-44	1.020	-1.030	1.025	1.026	1.025	1.025	1.025	1.025
PCB-42/59	1.027	-1.037	1.032	1.032	1.033	1.032	1.033	1.032
PCB-41/64/71/72	1.046	-1.056	1.051	1.051	1.051	1.050	1.051	1.051
PCB-68	1.054	-1.064	1.059	1.059	1.059	1.059	1.059	1.059
PCB-40	1.060	-1.070	1.066	1.066	1.066	1.065	1.066	1.065
PCB-57	0.965	-0.975	0.970	0.970	0.970	0.970	0.971	0.970
PCB-67	0.973	-0.983	0.978	0.979	0.979	0.978	0.979	0.979
PCB-58	0.977	-0.987	0.982	0.982	0.982	0.982	0.982	0.982

PCB-63	0.981 -0.991	0.986	0.986	0.986	0.986	0.987	0.987
PCB-74	0.989 -0.999	0.994	0.995	0.994	0.994	0.995	0.995
PCB-61/70	0.994 -1.004	1.000	0.999	0.999	0.999	0.999	0.999
PCB-76/66	1.000 -1.010	1.005	1.005	1.005	1.005	1.006	1.005
PCB-80	0.995 -1.005	1.001	1.000	1.001	1.000	1.001	1.000
PCB-55	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
PCB-56/60	1.018 -1.028	1.023	1.023	1.022	1.023	1.023	1.023
PCB-79	1.047 -1.057	1.053	1.053	1.053	1.052	1.053	1.052
PCB-78	0.982 -0.992	0.987	0.987	0.987	0.987	0.987	0.987
PCB-81	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-77	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-104	0.996 -1.006	1.001	1.000	1.000	1.001	1.001	1.001
PCB-96	1.034 -1.044	1.039	1.039	1.039	1.039	1.039	1.039
PCB-103	1.051 -1.061	1.056	1.056	1.056	1.056	1.056	1.056
PCB-100	1.062 -1.072	1.066	1.066	1.067	1.067	1.067	1.067
PCB-94	0.981 -0.991	0.985	0.985	0.985	0.986	0.986	0.986
PCB-95/98/102	0.994 -1.004	0.999	0.999	0.999	0.999	0.999	0.999
PCB-93	0.997 -1.007	1.003	1.003	1.003	1.002	1.003	1.003
PCB-88/91	1.005 -1.015	1.011	1.011	1.011	1.010	1.010	1.010
PCB-121	1.009 -1.019	1.014	1.014	1.014	1.014	1.014	1.014
PCB-84/92	0.985 -0.995	0.991	0.990	0.990	0.990	0.990	0.990
PCB-89	0.990 -1.000	0.995	0.995	0.995	0.995	0.995	0.995
PCB-90/101	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-113	1.002 -1.012	1.007	1.006	1.007	1.007	1.007	1.007
PCB-99	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
PCB-119	0.982 -0.992	0.987	0.987	0.987	0.987	0.987	0.987
PCB-108/112	0.986 -0.996	0.991	0.991	0.991	0.991	0.991	0.991
PCB-83	0.990 -1.000	0.996	0.996	0.995	0.995	0.995	0.995
PCB-97	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-86	0.999 -1.009	1.004	1.004	1.004	1.004	1.004	1.004
PCB-87/117/125	1.002 -1.012	1.007	1.007	1.007	1.007	1.007	1.007
PCB-111/115	1.006 -1.016	1.012	1.012	1.011	1.011	1.011	1.011
PCB-85/116	1.009 -1.019	1.014	1.015	1.015	1.015	1.014	1.015
PCB-120	1.016 -1.026	1.021	1.021	1.021	1.021	1.021	1.021
PCB-110	1.020 -1.030	1.025	1.025	1.024	1.025	1.025	1.025
PCB-82	0.972 -0.982	0.976	0.976	0.976	0.976	0.977	0.976
PCB-124	0.988 -0.998	0.993	0.993	0.992	0.993	0.993	0.993
PCB-107/109	0.991 -1.001	0.996	0.996	0.997	0.996	0.996	0.996
PCB-123	0.996 -1.006	1.000	1.000	1.001	1.001	1.000	1.001
PCB-106/118	0.996 -1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-114	0.995 -1.005	1.000	1.001	1.000	1.000	1.000	1.000
PCB-122	0.999 -1.009	1.004	1.004	1.004	1.003	1.003	1.003
PCB-105	0.995 -1.005	1.000	1.001	1.000	1.000	1.001	1.001
PCB-127	0.995 -1.005	1.000	1.000	1.001	1.000	1.000	1.000
PCB-126	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-155	0.995 -1.005	1.000	1.001	1.001	1.001	1.001	1.001
PCB-150	1.030 -1.040	1.034	1.034	1.035	1.035	1.035	1.035
PCB-152	1.042 -1.052	1.047	1.047	1.048	1.047	1.047	1.047
PCB-145	1.054 -1.064	1.059	1.059	1.060	1.059	1.059	1.059
PCB-136	1.063 -1.073	1.068	1.068	1.068	1.068	1.068	1.068

PCB-148	1.066	-1.076	1.071	1.071	1.072	1.071	1.071	1.071
PCB-154	1.079	-1.089	1.084	1.084	1.084	1.084	1.084	1.084
PCB-151	1.095	-1.107	1.102	1.102	1.102	1.102	1.101	1.101
PCB-135	1.101	-1.113	1.107	1.107	1.108	1.107	1.107	1.107
PCB-144	1.105	-1.116	1.110	1.111	1.111	1.110	1.110	1.111
PCB-147	1.108	-1.120	1.114	1.114	1.114	1.114	1.114	1.114
PCB-139/149	1.115	-1.127	1.121	1.121	1.121	1.121	1.121	1.121
PCB-140	1.120	-1.132	1.126	1.126	1.126	1.126	1.126	1.126
PCB-134/143	0.970	-0.980	0.975	0.975	0.975	0.975	0.975	0.975
PCB-131/133	0.977	-0.987	0.982	0.982	0.982	0.982	0.982	0.982
PCB-142	0.981	-0.991	0.985	0.986	0.985	0.985	0.985	0.985

PCB-146/165	0.986 -0.996	0.991	0.991	0.991	0.991	0.991	0.991
PCB-132/161	0.992 -1.002	0.996	0.997	0.996	0.997	0.996	0.996
PCB-153	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-168	1.000 -1.010	1.005	1.005	1.005	1.005	1.005	1.005
PCB-141	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-137	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
PCB-130	1.007 -1.017	1.011	1.012	1.011	1.011	1.011	1.011
PCB-138/163/164	0.996 -1.006	1.001	1.001	1.001	1.001	1.001	1.001
PCB-158/160	1.001 -1.011	1.006	1.006	1.006	1.006	1.006	1.006
PCB-129	1.007 -1.017	1.012	1.012	1.011	1.012	1.012	1.012
PCB-166	0.988 -0.998	0.993	0.993	0.993	0.993	0.993	0.993
PCB-159	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-128/162	1.002 -1.012	1.006	1.006	1.007	1.007	1.006	1.006
PCB-167	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-156	0.995 -1.005	1.001	1.000	1.000	1.000	1.000	1.000
PCB-157	0.996 -1.006	1.000	1.000	1.001	1.001	1.001	1.000
PCB-169	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-188	0.995 -1.005	1.000	1.000	1.000	1.000	1.001	1.000
PCB-184	1.006 -1.016	1.011	1.011	1.011	1.011	1.011	1.011
PCB-179	1.024 -1.034	1.029	1.029	1.029	1.029	1.029	1.029
PCB-176	1.035 -1.045	1.040	1.040	1.040	1.040	1.040	1.040
PCB-186	1.049 -1.059	1.054	1.054	1.054	1.054	1.054	1.054
PCB-178	1.060 -1.070	1.066	1.066	1.065	1.066	1.066	1.066
PCB-175	1.069 -1.079	1.074	1.073	1.074	1.074	1.074	1.074
PCB-182/187	1.072 -1.082	1.078	1.078	1.077	1.078	1.078	1.078
PCB-183	1.080 -1.090	1.085	1.085	1.085	1.085	1.085	1.085
PCB-185	0.950 -0.960	0.955	0.956	0.956	0.955	0.956	0.956
PCB-174	0.958 -0.968	0.963	0.963	0.963	0.963	0.963	0.963
PCB-181	0.960 -0.970	0.965	0.965	0.965	0.965	0.965	0.965
PCB-177	0.963 -0.973	0.968	0.969	0.969	0.968	0.969	0.968
PCB-171	0.969 -0.979	0.974	0.974	0.974	0.974	0.974	0.974
PCB-173	0.978 -0.988	0.983	0.983	0.983	0.983	0.983	0.983
PCB-172	0.987 -0.997	0.992	0.992	0.992	0.992	0.992	0.992
PCB-192	0.991 -1.001	0.996	0.996	0.996	0.996	0.996	0.996
PCB-180	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-193	0.999 -1.009	1.004	1.004	1.004	1.004	1.005	1.004
PCB-191	1.005 -1.015	1.010	1.009	1.010	1.010	1.010	1.009
PCB-170	0.995 -1.005	1.000	1.001	1.000	1.000	1.000	1.000
PCB-190	0.999 -1.009	1.004	1.004	1.004	1.004	1.004	1.004
PCB-189	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-202	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-201	1.006 -1.016	1.010	1.010	1.010	1.011	1.010	1.010
PCB-204	1.009 -1.019	1.014	1.014	1.014	1.014	1.014	1.014
PCB-197	1.015 -1.025	1.020	1.020	1.020	1.020	1.020	1.020
PCB-200	1.034 -1.044	1.039	1.039	1.039	1.039	1.039	1.039
PCB-198	1.065 -1.075	1.069	1.069	1.069	1.069	1.069	1.069
PCB-199	1.067 -1.077	1.071	1.072	1.072	1.072	1.072	1.072
PCB-196/203	1.072 -1.082	1.078	1.077	1.077	1.078	1.078	1.078
PCB-195	0.979 -0.989	0.984	0.984	0.984	0.984	0.984	0.984
PCB-194	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000

PCB-205	1.000	-1.010	1.005	1.005	1.005	1.005	1.005	1.005
PCB-208	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-207	1.001	-1.011	1.006	1.006	1.006	1.006	1.006	1.006
PCB-206	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
PCB-209	0.995	-1.005	1.000	1.000	1.000	1.000	1.000	1.000
Total Mono-PCB	0.000	-0.000	-	-	-	-	-	-
Total Di-PCB	0.000	-0.000	-	-	-	-	-	-
Total Tri-PCB	0.000	-0.000	-	-	-	-	-	-

Total Tri-PCB	0.000 -0.000	-	-	-	-	-	-
Total Tetra-PCB	0.000 -0.000	-	-	-	-	-	-
Total Penta-PCB	0.000 -0.000	-	-	-	-	-	-
Total Penta-PCB	0.000 -0.000	-	-	-	-	-	-
Total Hexa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Hexa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Hepta-PCB	0.000 -0.000	-	-	-	-	-	-
Total Octa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Octa-PCB	0.000 -0.000	-	-	-	-	-	-
Total Nona-PCB	0.000 -0.000	-	-	-	-	-	-
Total Deca-PCB	0.995 -1.005	1.000	1.000	1.000	1.000	1.000	1.000
13C-PCB-1	0.616 -0.622	0.619	0.619	0.619	0.619	0.618	0.619
13C-PCB-3	0.716 -0.724	0.720	0.720	0.720	0.720	0.720	0.720
13C-PCB-4	0.769 -0.777	0.772	0.772	0.772	0.772	0.772	0.772
13C-PCB-9	0.837 -0.845	0.842	0.842	0.842	0.842	0.842	0.842
13C-PCB-11	0.968 -0.978	0.973	0.973	0.973	0.973	0.973	0.973
13C-PCB-19	0.928 -0.938	0.933	0.933	0.933	0.933	0.933	0.933
13C-PCB-32	1.041 -1.051	1.047	1.046	1.046	1.047	1.046	1.046
13C-PCB-28	0.999 -1.009	1.004	1.004	1.004	1.004	1.004	1.004
13C-PCB-37	1.132 -1.144	1.138	1.138	1.138	1.138	1.138	1.137
13C-PCB-54	0.756 -0.764	0.760	0.760	0.760	0.760	0.760	0.760
13C-PCB-52	0.853 -0.861	0.857	0.857	0.857	0.857	0.857	0.857
13C-PCB-47	0.867 -0.875	0.871	0.870	0.870	0.871	0.871	0.871
13C-PCB-70	0.961 -0.971	0.966	0.966	0.966	0.966	0.966	0.966
13C-PCB-80	0.973 -0.983	0.978	0.978	0.978	0.978	0.978	0.978
13C-PCB-81	1.057 -1.067	1.062	1.062	1.062	1.062	1.062	1.062
13C-PCB-77	1.073 -1.083	1.078	1.078	1.078	1.078	1.078	1.078
13C-PCB-104	0.828 -0.836	0.832	0.832	0.832	0.832	0.832	0.832
13C-PCB-95	0.908 -0.918	0.913	0.913	0.913	0.913	0.913	0.913
13C-PCB-101	0.951 -0.961	0.956	0.956	0.956	0.956	0.956	0.956
13C-PCB-97	0.984 -0.994	0.989	0.989	0.989	0.989	0.989	0.989
13C-PCB-123	1.049 -1.059	1.054	1.054	1.054	1.054	1.054	1.054
13C-PCB-118	1.054 -1.064	1.059	1.059	1.059	1.059	1.059	1.059
13C-PCB-114	0.905 -0.915	0.910	0.910	0.910	0.910	0.910	0.910
13C-PCB-105	0.924 -0.934	0.929	0.929	0.929	0.929	0.929	0.929
13C-PCB-127	0.931 -0.941	0.936	0.936	0.936	0.936	0.936	0.936
13C-PCB-126	0.972 -0.982	0.977	0.977	0.977	0.977	0.977	0.977
13C-PCB-155	0.939 -0.949	0.944	0.944	0.944	0.944	0.944	0.944
13C-PCB-153	0.928 -0.938	0.932	0.932	0.933	0.932	0.932	0.932
13C-PCB-141	0.944 -0.954	0.948	0.948	0.948	0.948	0.948	0.948
13C-PCB-138	0.962 -0.972	0.966	0.966	0.967	0.966	0.966	0.966
13C-PCB-159	0.989 -0.999	0.994	0.994	0.994	0.994	0.994	0.994
13C-PCB-167	1.004 -1.014	1.009	1.009	1.009	1.009	1.009	1.009
13C-PCB-156	1.032 -1.042	1.037	1.037	1.037	1.037	1.037	1.037
13C-PCB-157	1.037 -1.047	1.043	1.043	1.042	1.042	1.043	1.042
13C-PCB-169	1.085 -1.095	1.090	1.090	1.090	1.090	1.090	1.090
13C-PCB-188	0.923 -0.933	0.928	0.928	0.928	0.928	0.928	0.928
13C-PCB-180	1.064 -1.074	1.068	1.068	1.069	1.069	1.069	1.068
13C-PCB-170	1.097 -1.109	1.103	1.103	1.103	1.103	1.103	1.103
13C-PCB-189	1.132 -1.144	1.138	1.138	1.138	1.138	1.138	1.138
13C-PCB-202	1.040 -1.050	1.045	1.045	1.045	1.045	1.045	1.045

13C-PCB-194	0.990	-1.000	0.995	0.995	0.995	0.995	0.995	0.995
13C-PCB-208	0.977	-0.987	0.981	0.981	0.981	0.981	0.981	0.981
13C-PCB-206	1.019	-1.029	1.024	1.024	1.024	1.024	1.024	1.024
13C-PCB-209	1.043	-1.053	1.048	1.048	1.048	1.048	1.048	1.048
13C-PCB-15	0.000	-0.000	*	*	*	*	*	*
13C-PCB-31	0.000	-0.000	*	*	*	*	*	*
13C-PCB-60	0.000	-0.000	*	*	*	*	*	*
13C-PCB-111	0.000	-0.000	*	*	*	*	*	*
13C-PCB-128	0.000	-0.000	*	*	*	*	*	*
13C-PCB-182	0.000	-0.000	*	*	*	*	*	*

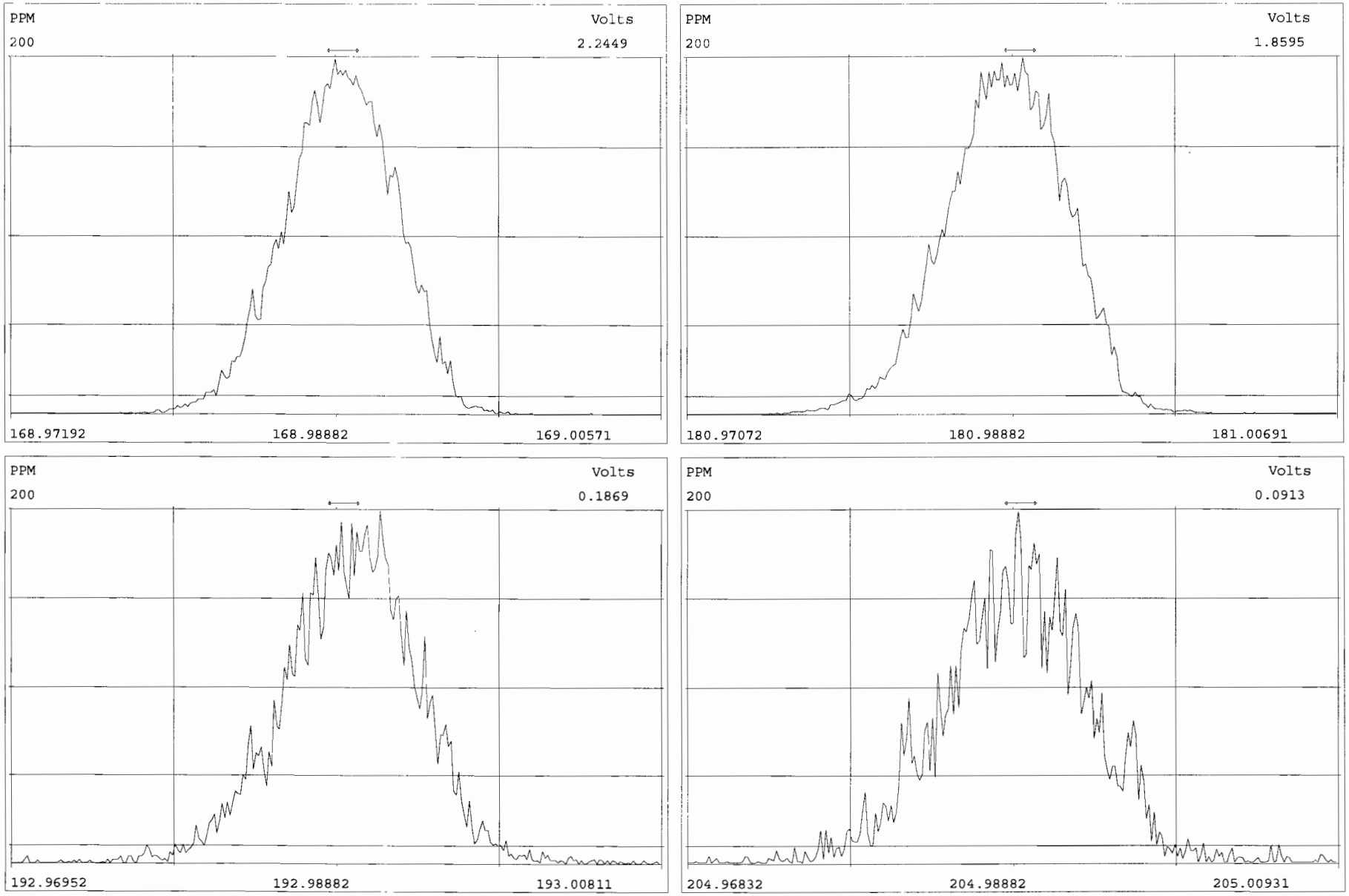
13C-PCB-205	0.000	-0.000	*	*	*	*	*	*
13C-PCB-79	1.024	-1.034	1.029	1.029	1.029	1.029	1.029	1.029
13C-PCB-178	0.980	-0.990	0.985	0.985	0.985	0.985	0.985	0.985
13C-PCB-79	0.963	-0.973	0.969	0.969	0.969	0.969	0.969	0.969
13C-PCB-178	0.920	-0.930	0.925	0.925	0.925	0.925	0.925	0.925

Vista Analytical Laboratory - Injection Log Run file: 180208E1 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180208E1	1	ST180208E1-1	MAS	8-FEB-18	08:34:42	NA	NA
180208E1	2	ST180208E1-2	MAS	8-FEB-18	09:39:46	NA	NA
180208E1	3	ST180208E1-3	MAS	8-FEB-18	10:44:54	NA	NA
180208E1	4	ST180208E1-4	MAS	8-FEB-18	11:50:02	NA	NA
180208E1	5	ST180208E1-5	MAS	8-FEB-18	12:55:10	NA	NA
180208E1	6	ST180208E1-6	MAS	8-FEB-18	14:00:18	NA	NA
180208E1	7	SOLVENT BLANK	MAS	8-FEB-18	15:05:26	NA	NA
180208E1	8	SS180208E1-1	MAS	8-FEB-18	16:10:35	NA	NA

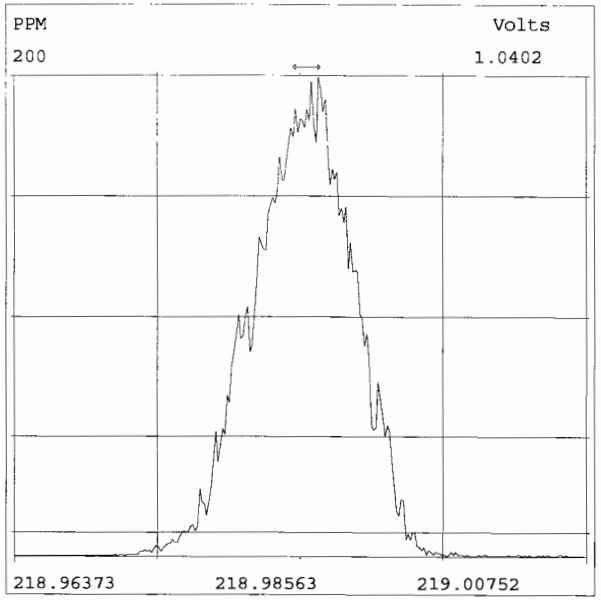
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

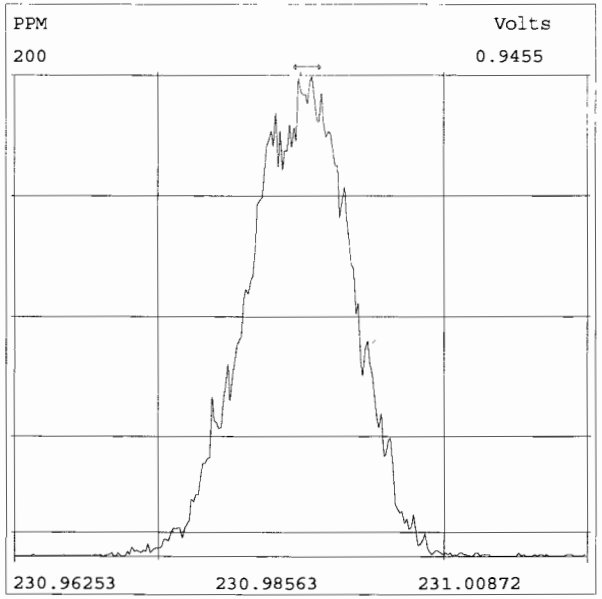
Experiment:PCB_ZB1 Function:1 Reference:PFK

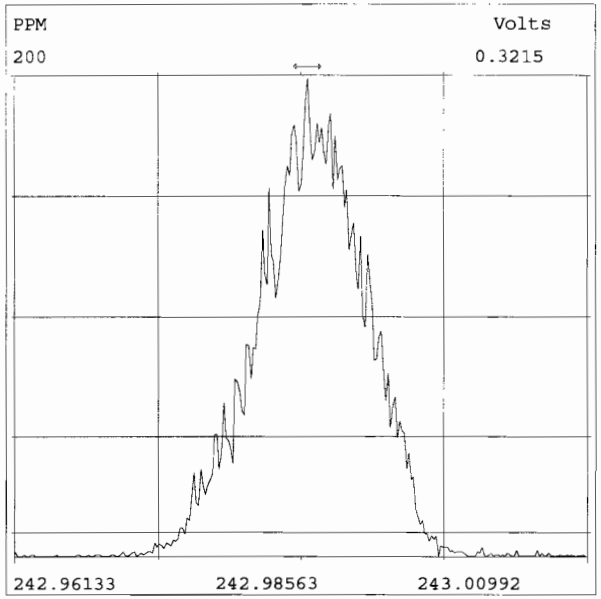


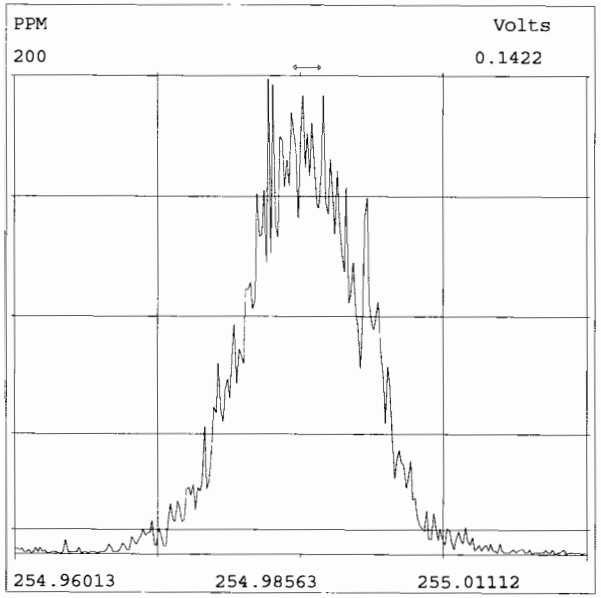
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

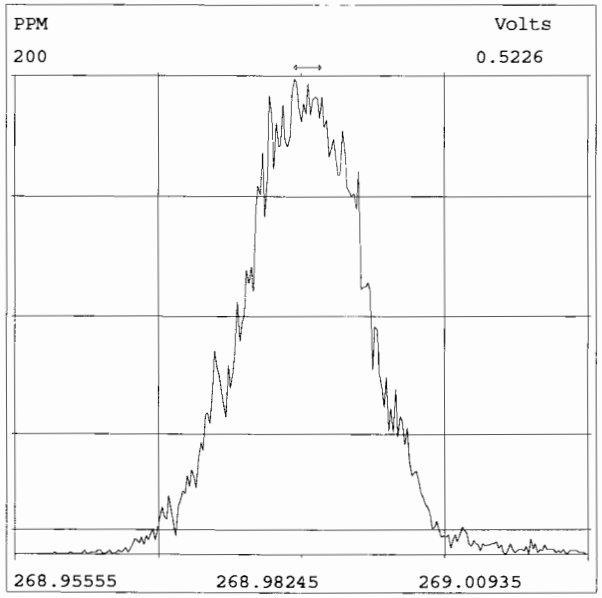
Experiment:PCB_ZB1 Function:2 Reference:PFK

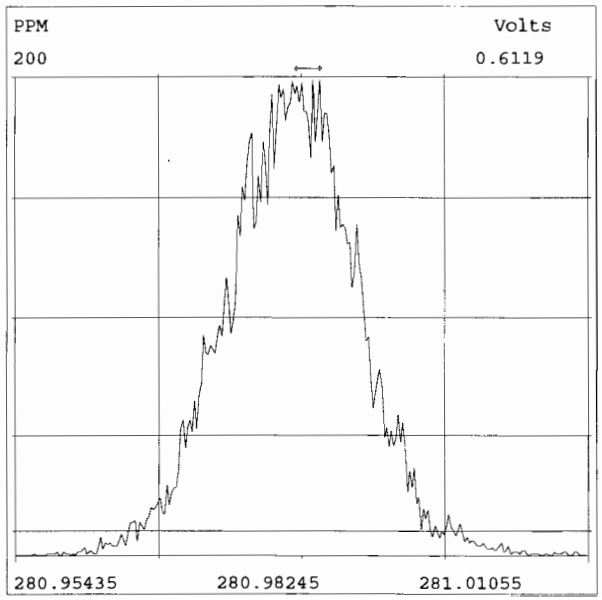






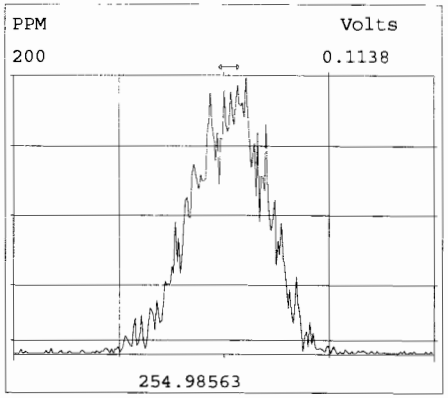


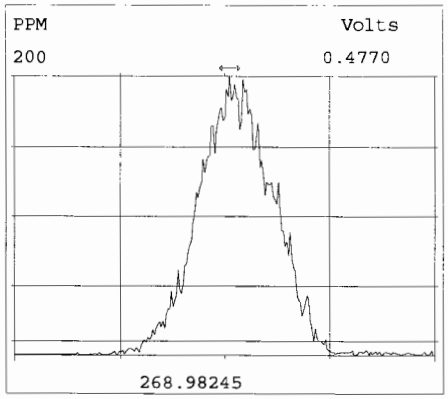


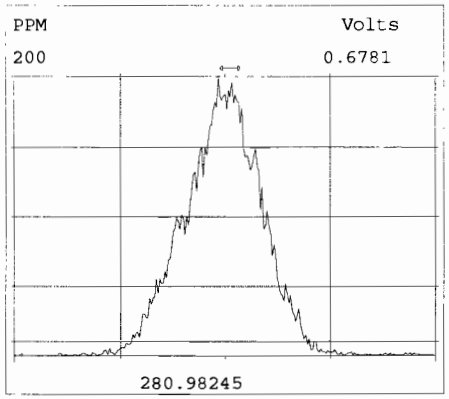


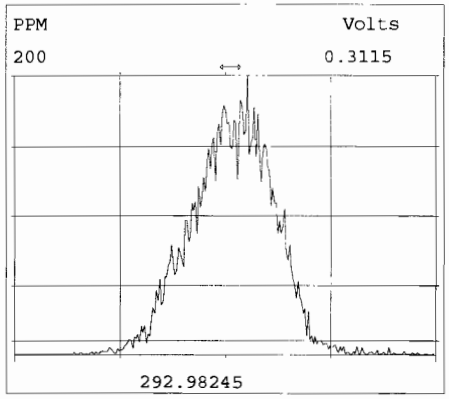
Peak Locate Examination: 8-FEB-2018:08:33 File:180208E1

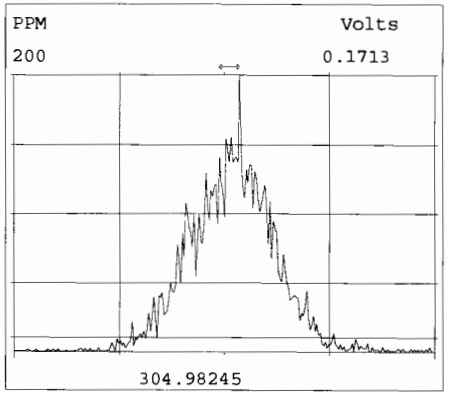
Experiment:PCB_ZB1 Function:3 Reference:PFK

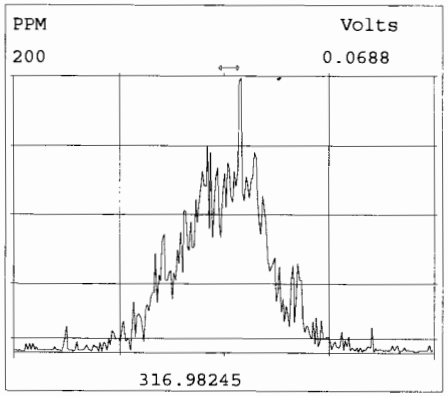


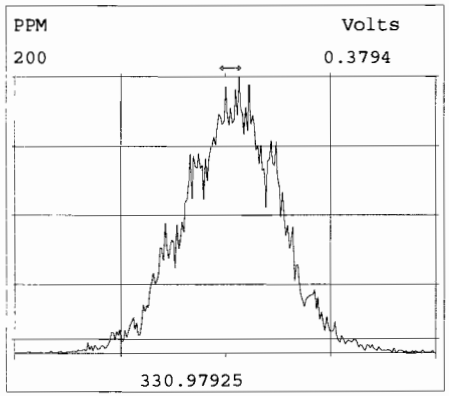


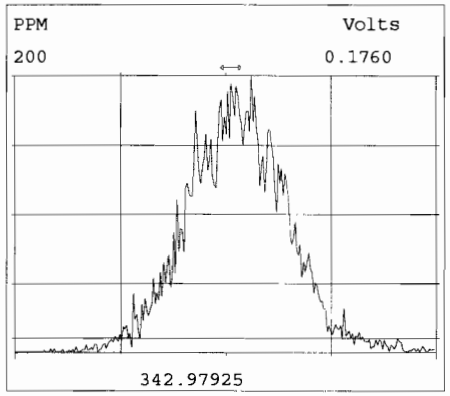


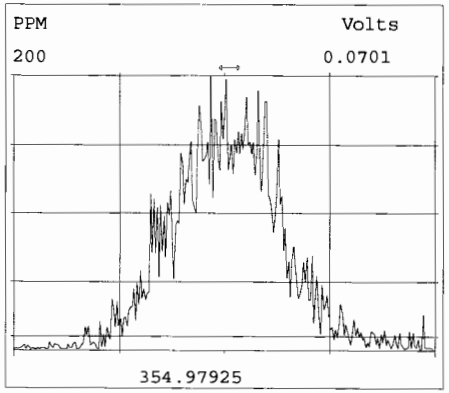


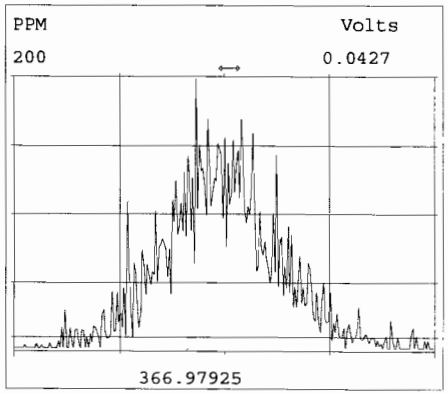


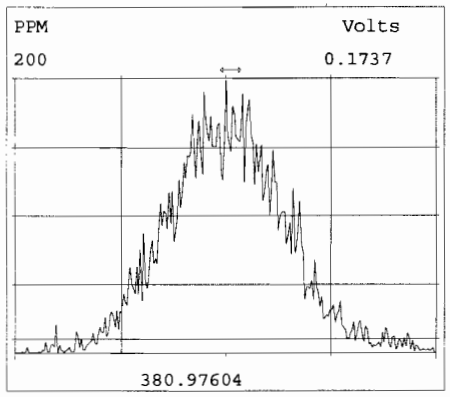






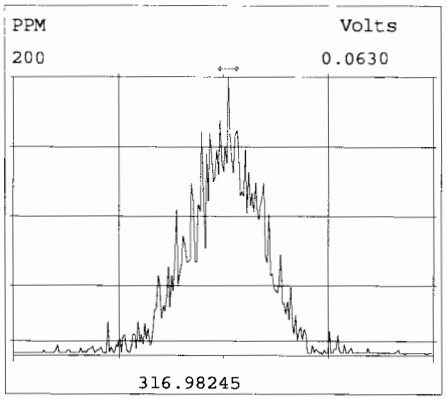


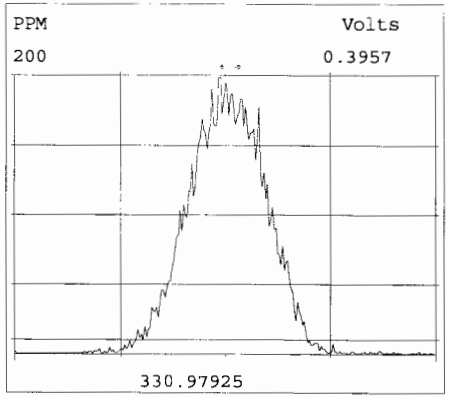


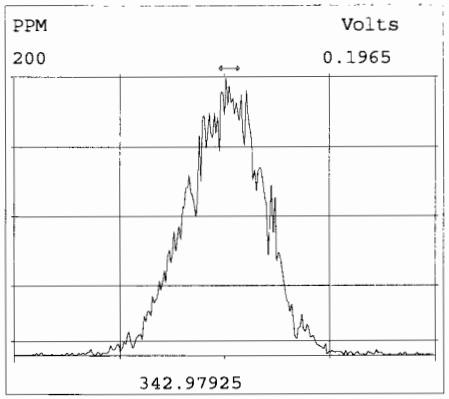


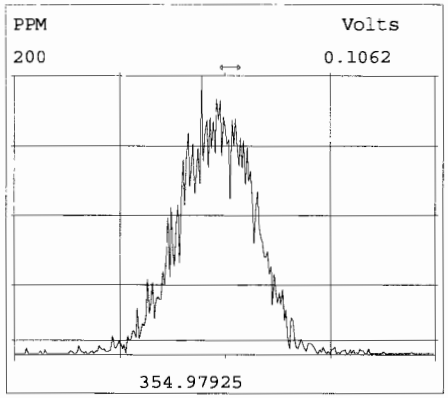
Peak Locate Examination: 8-FEB-2018:08:34 File:180208E1

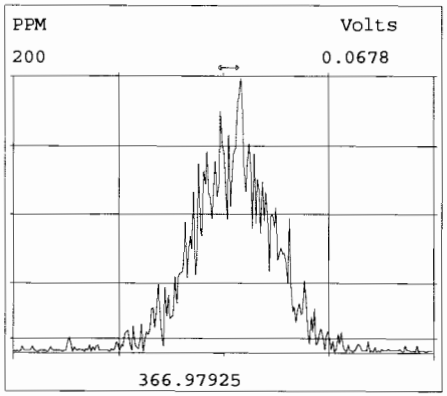
Experiment:PCB_ZB1 Function:4 Reference:PFK

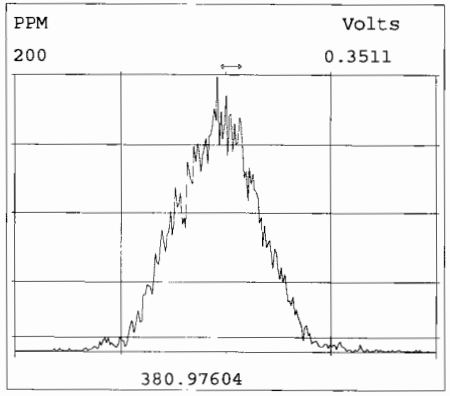


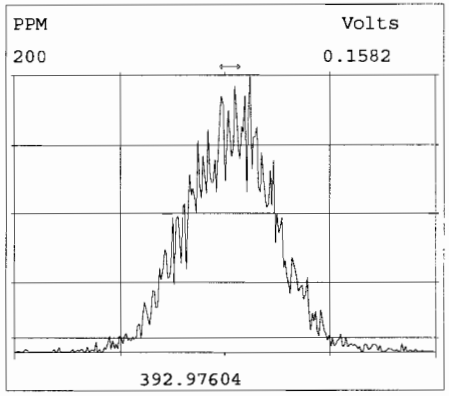


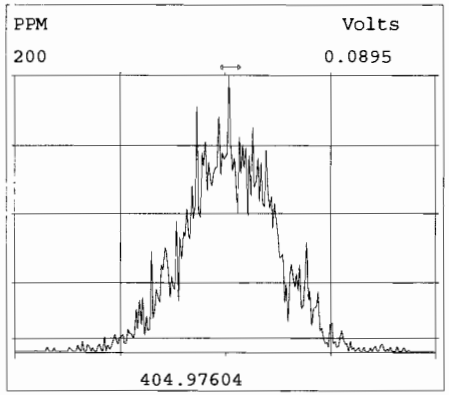


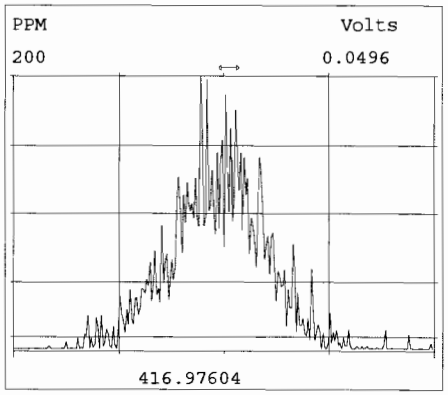


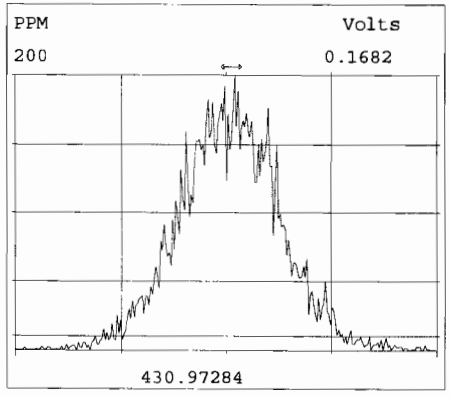


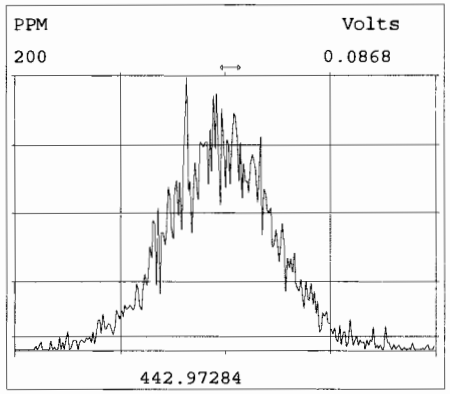






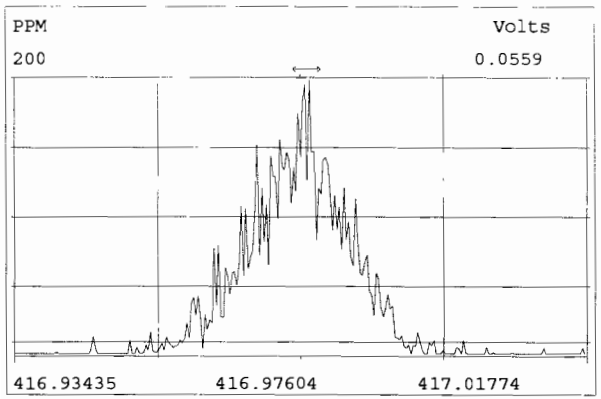


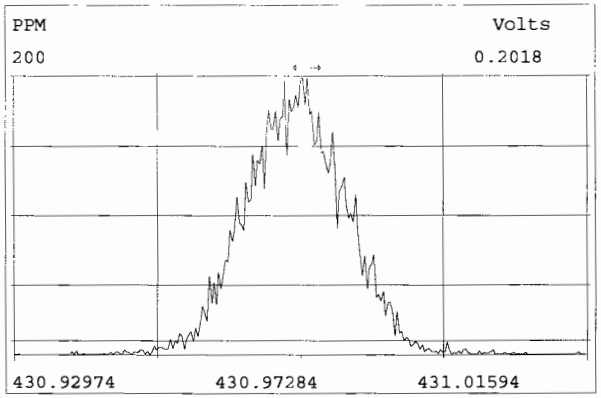


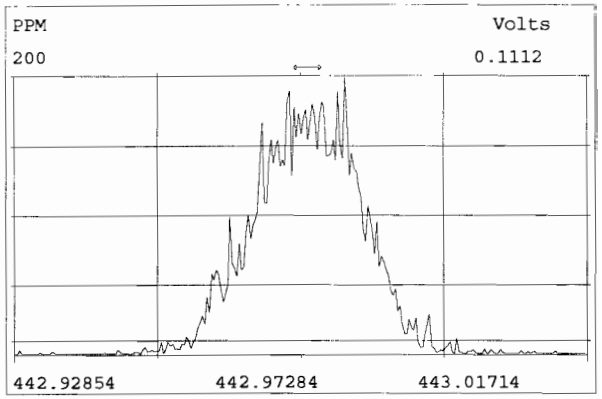


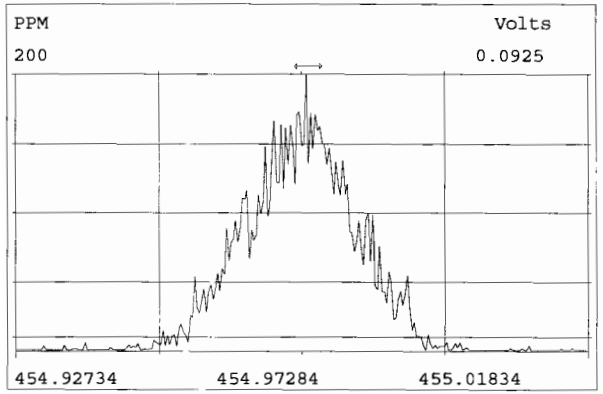
Peak Locate Examination: 8-FEB-2018:08:34 File:180208E1

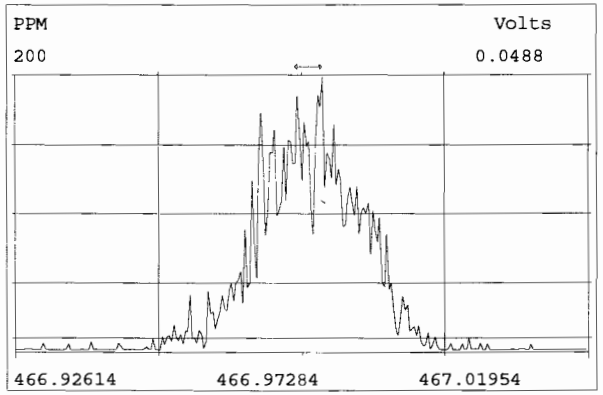
Experiment:PCB_ZB1 Function:5 Reference:PFK

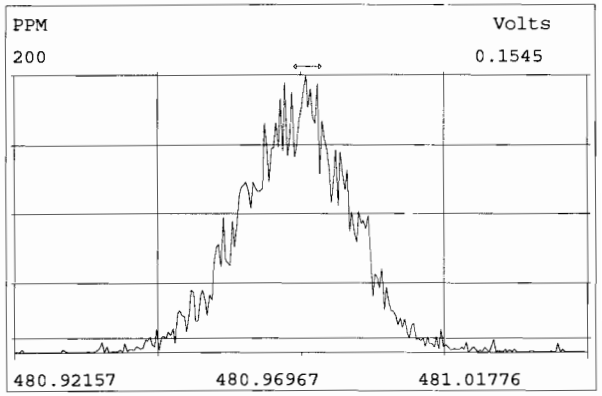


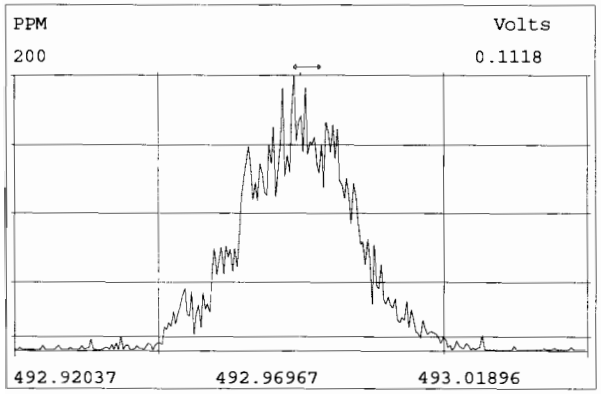


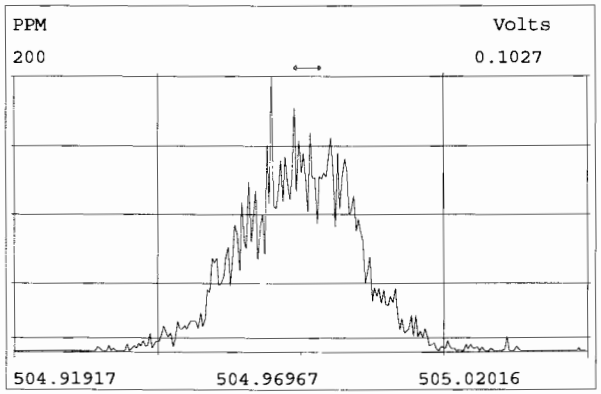


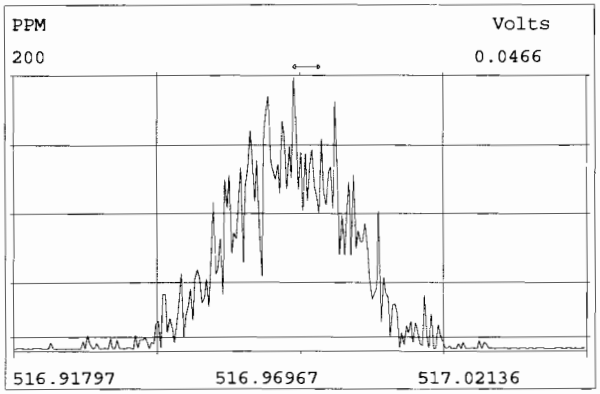




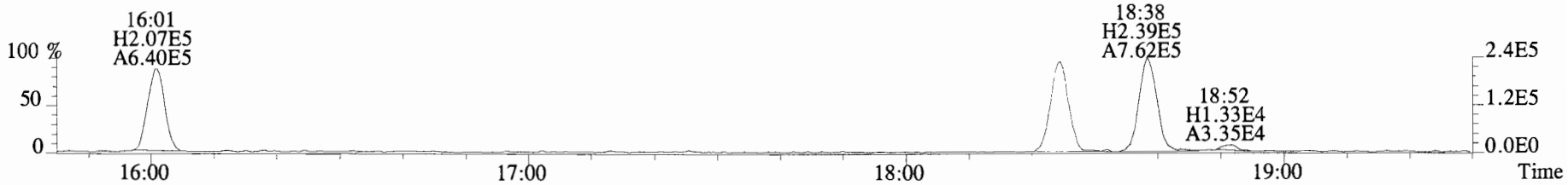




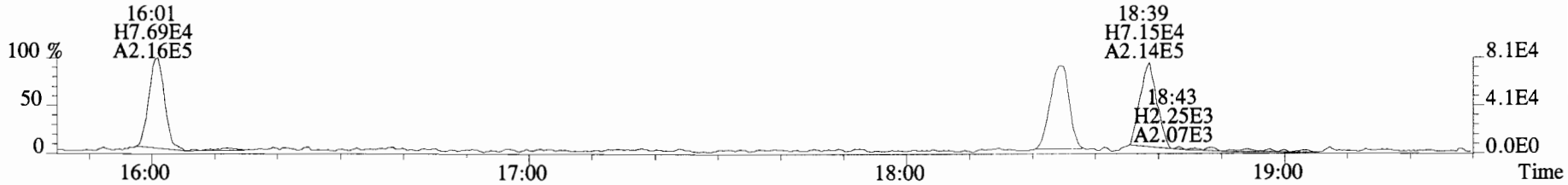




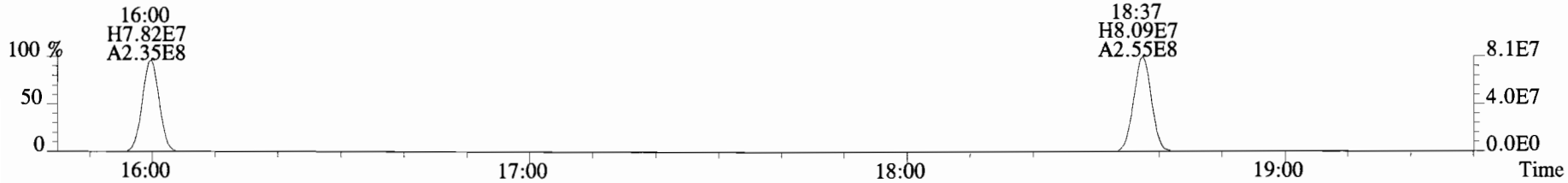
File:180208E1 #1-866 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5684.0,0.00%,F,F)



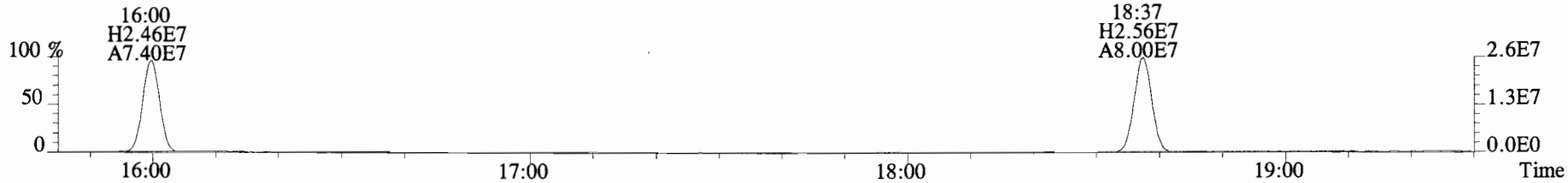
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



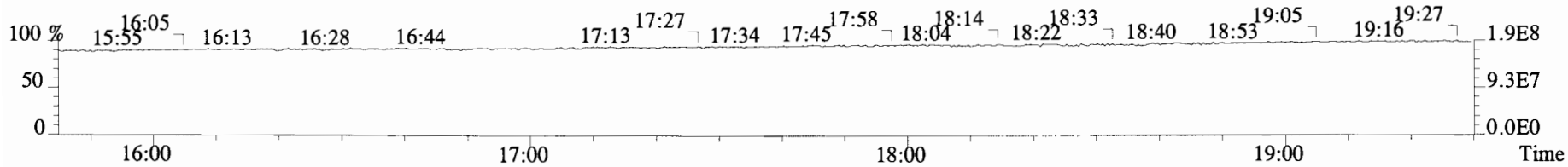
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7776.0,0.00%,F,F)



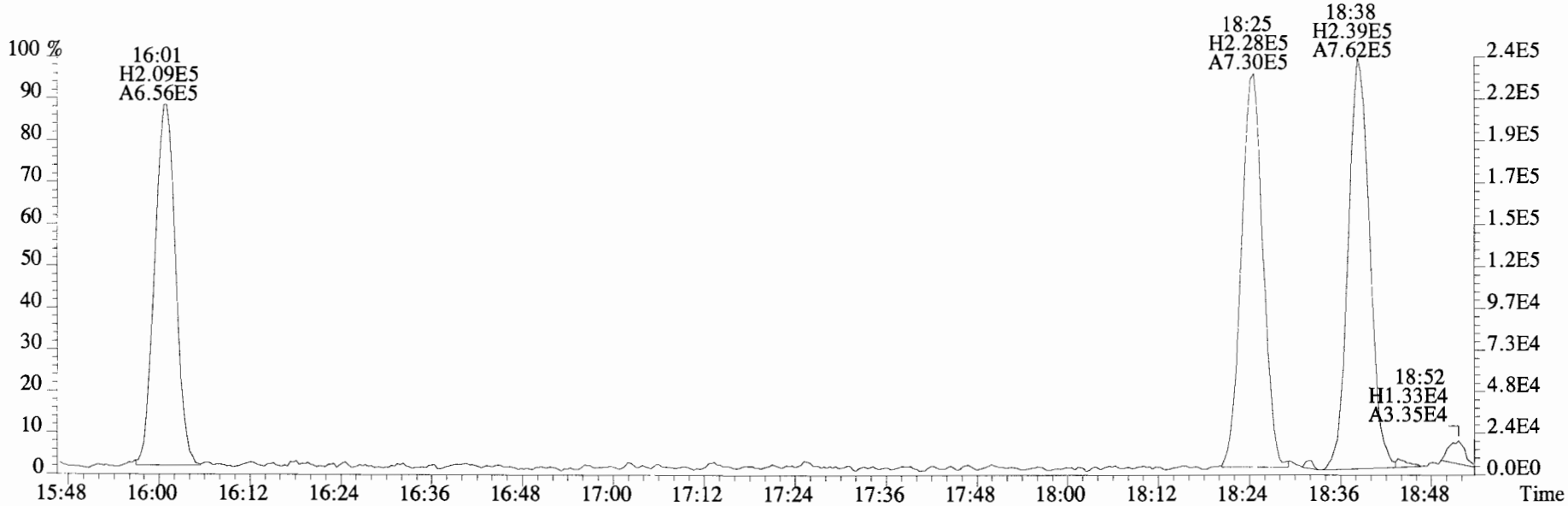
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86760.0,0.00%,F,F)



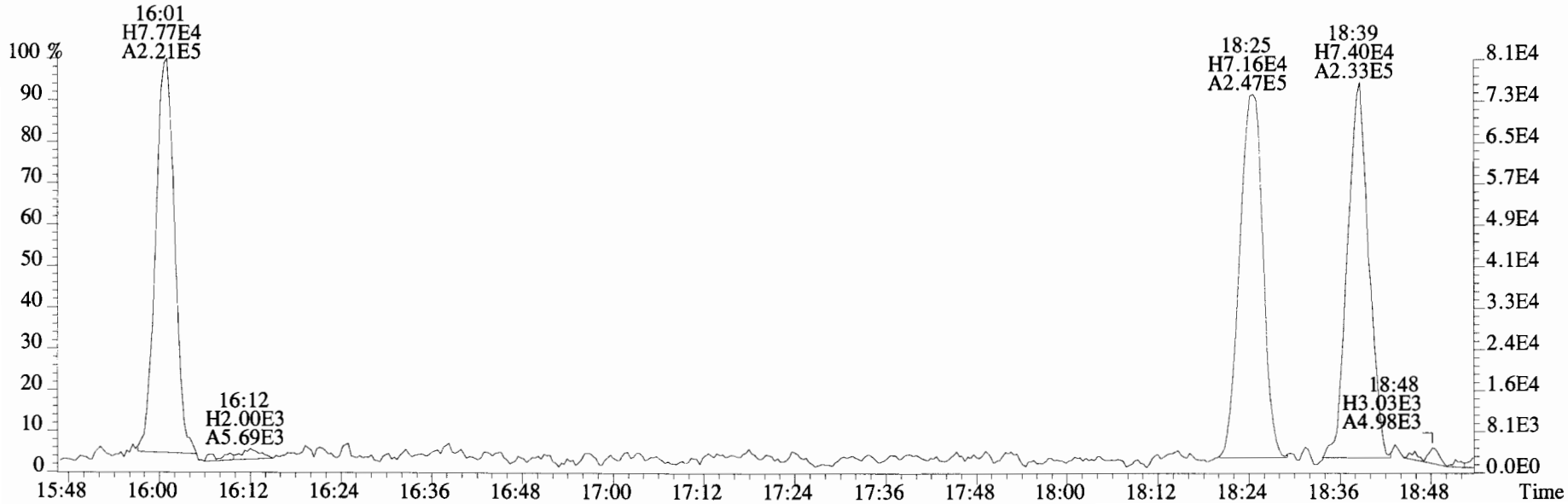
180.9880



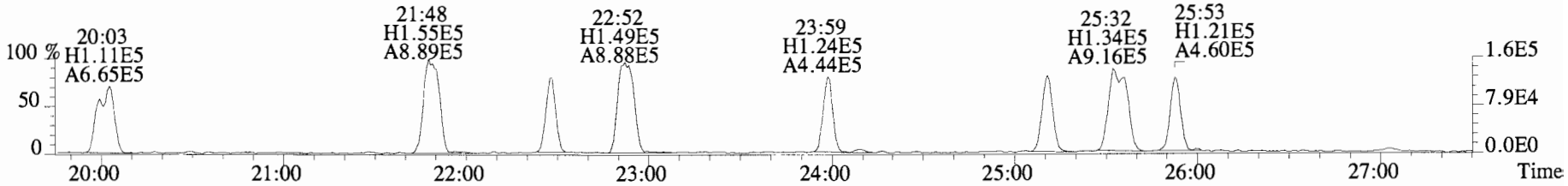
File:180208E1 #1-866 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5684.0,0.00%,F,F)



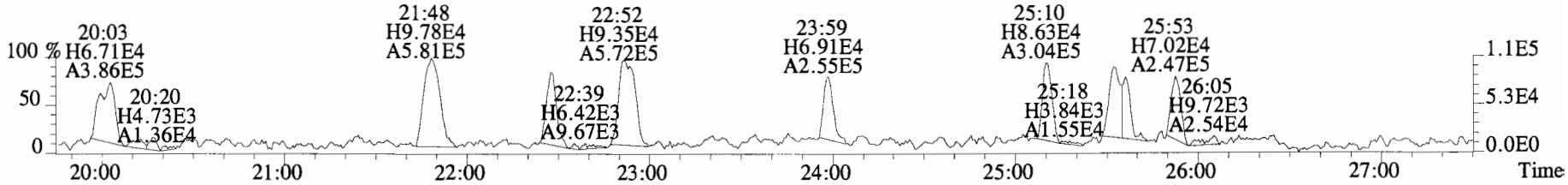
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3772.0,0.00%,F,F)



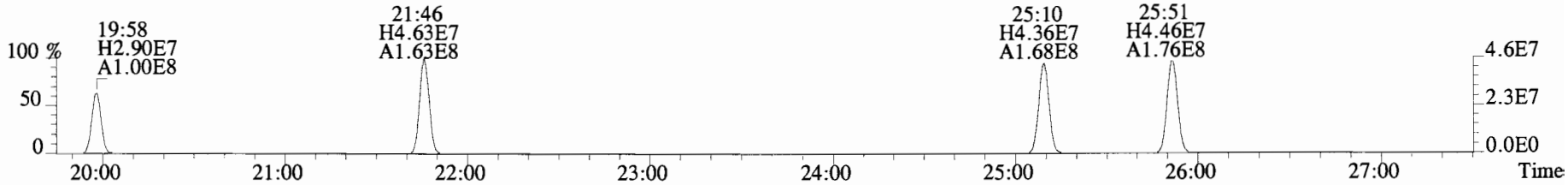
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



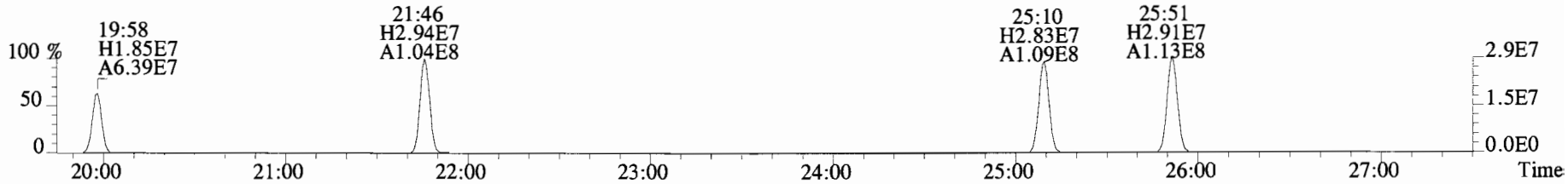
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



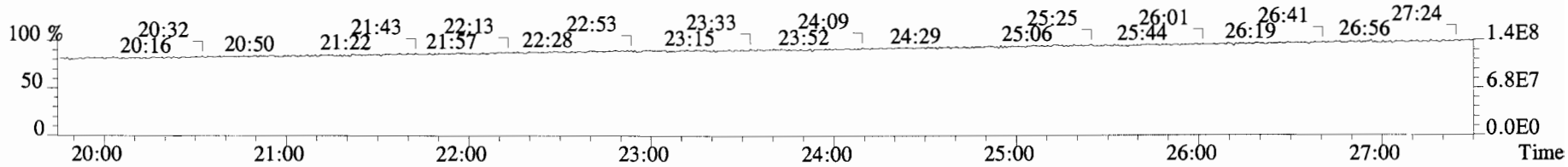
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6700.0,0.00%,F,F)



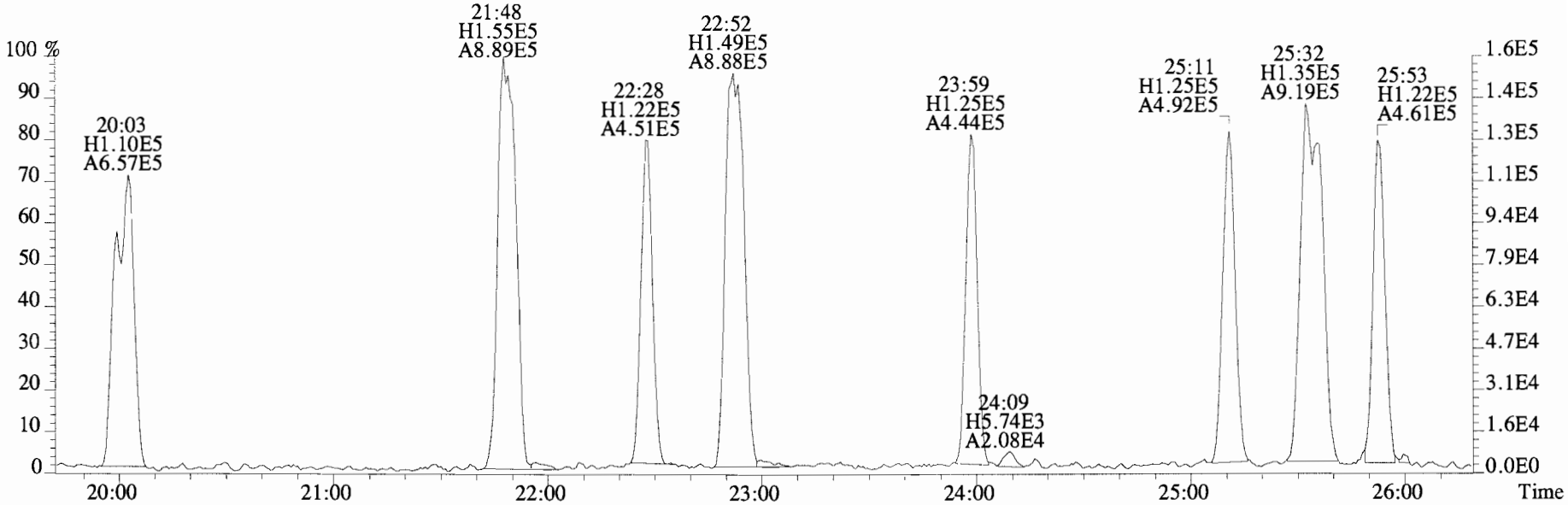
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5444.0,0.00%,F,F)



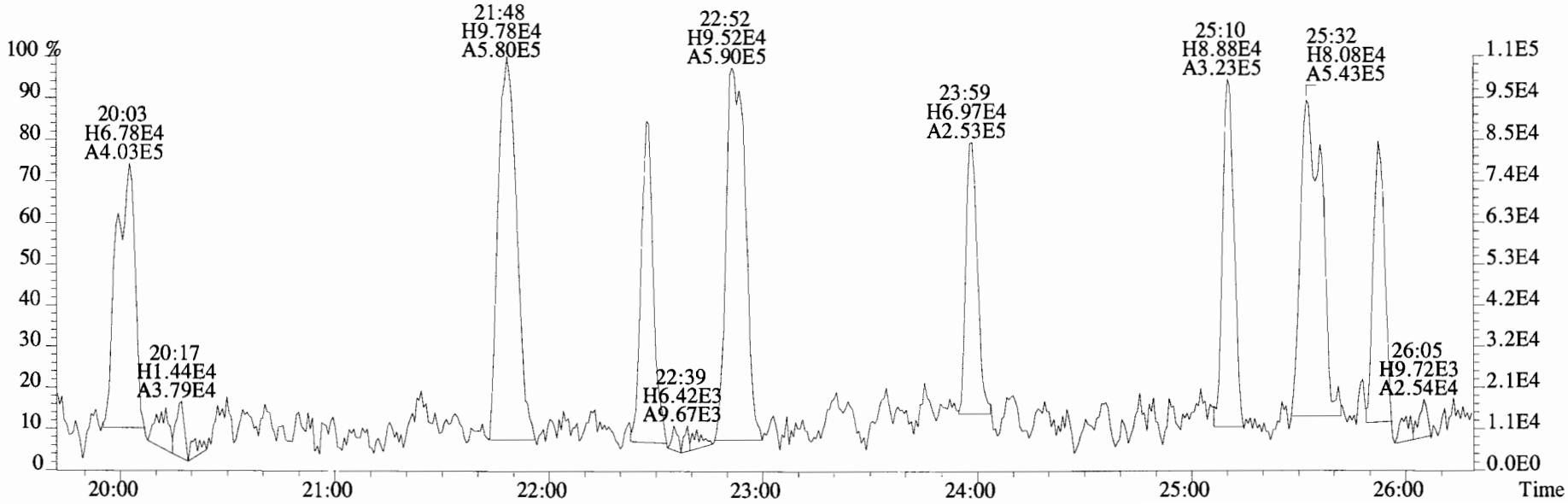
230.9856 F:2



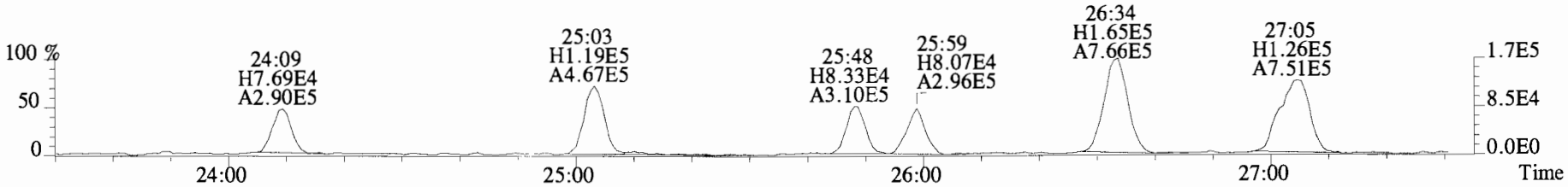
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



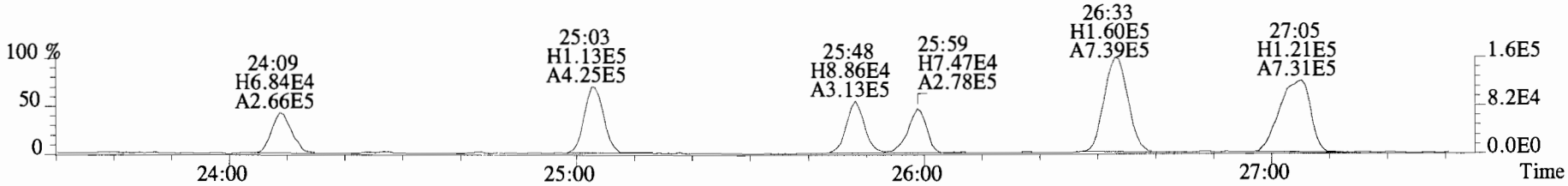
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



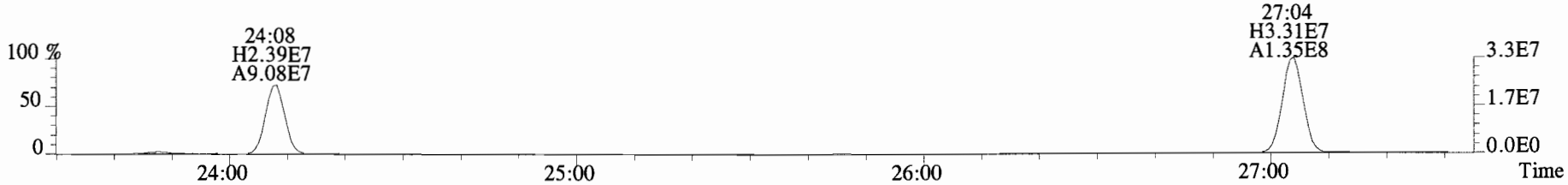
File:180208E1 #1-758 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4364.0,0.00%,F,F)



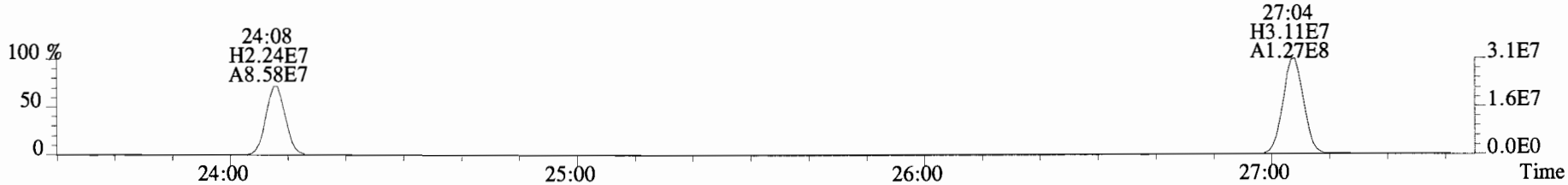
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



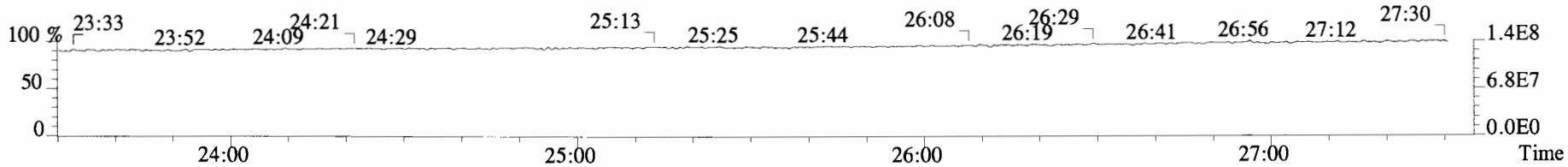
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77488.0,0.00%,F,F)



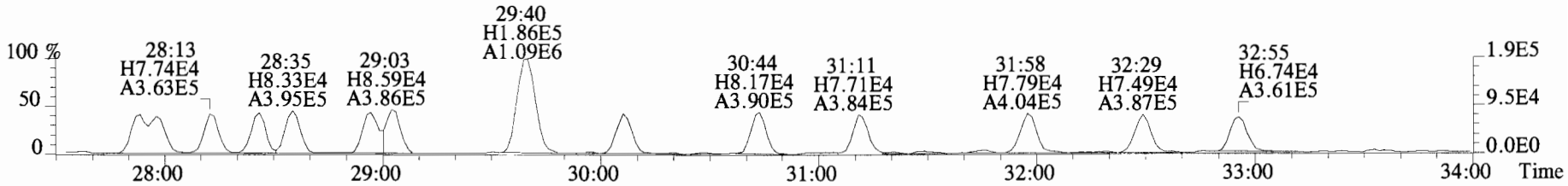
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35276.0,0.00%,F,F)



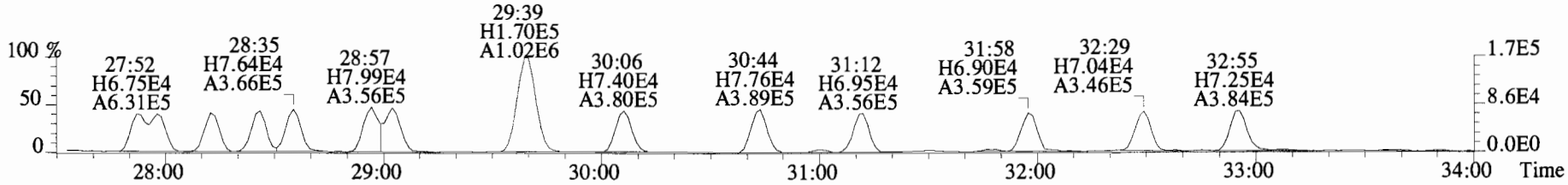
230.9856 F:2



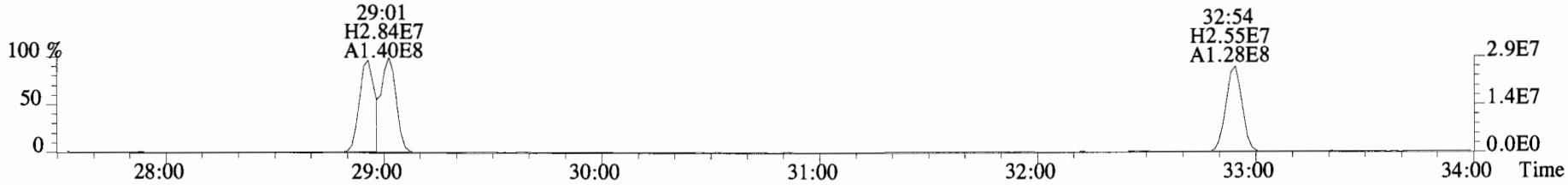
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



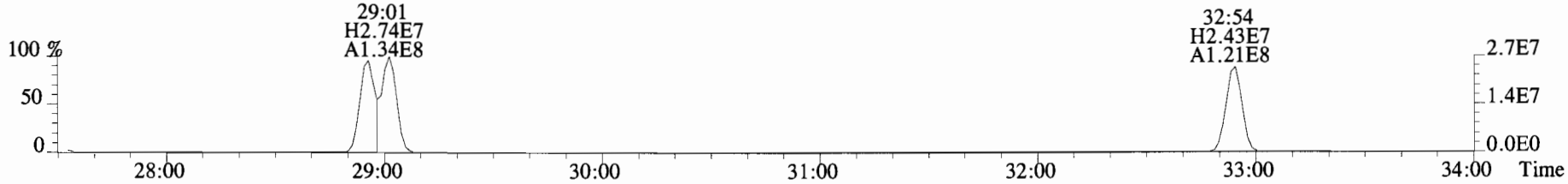
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



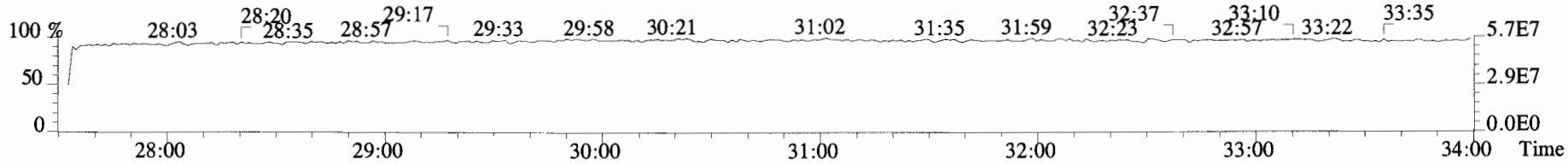
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107320.0,0.00%,F,F)



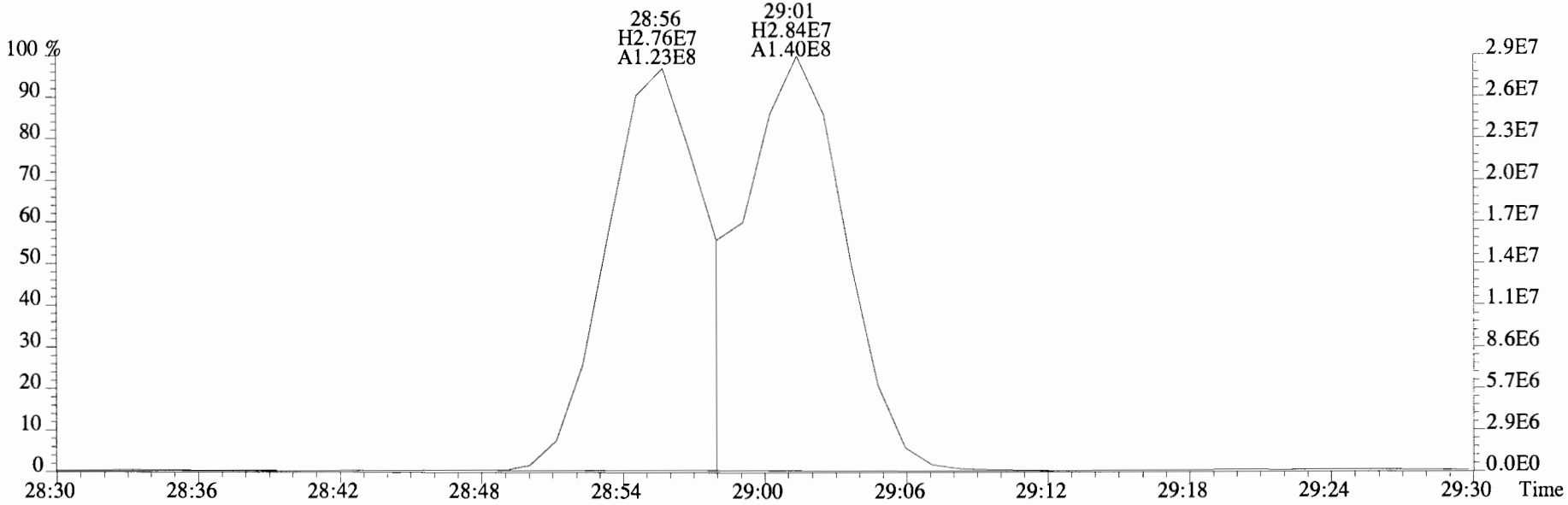
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24844.0,0.00%,F,F)



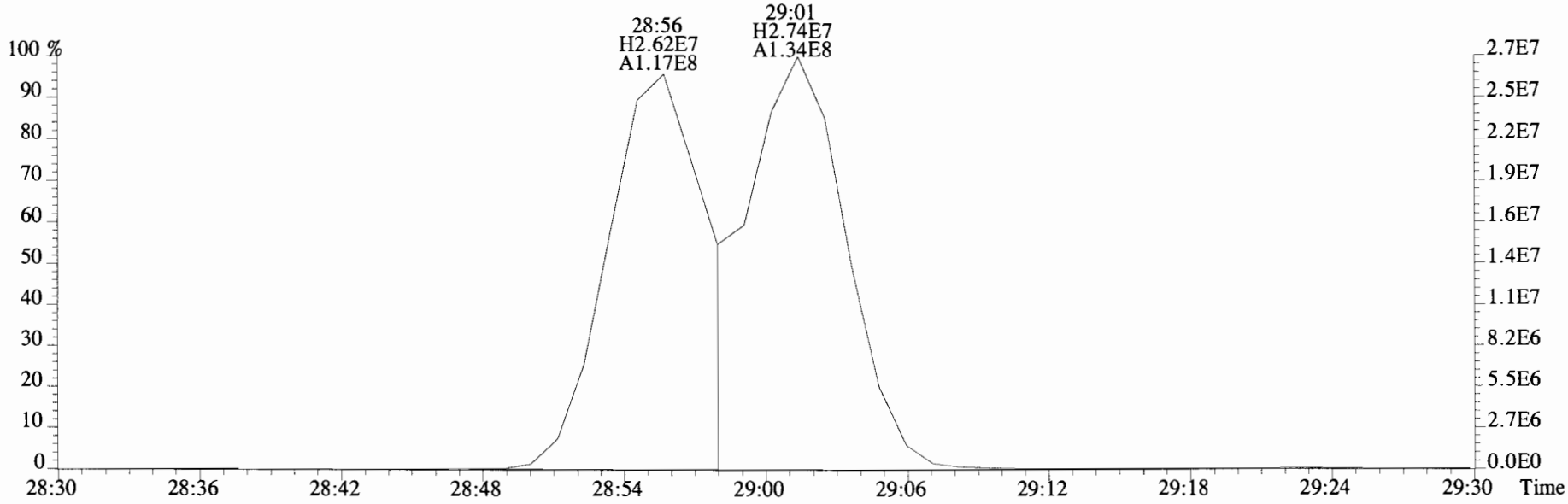
330.9792 F:3



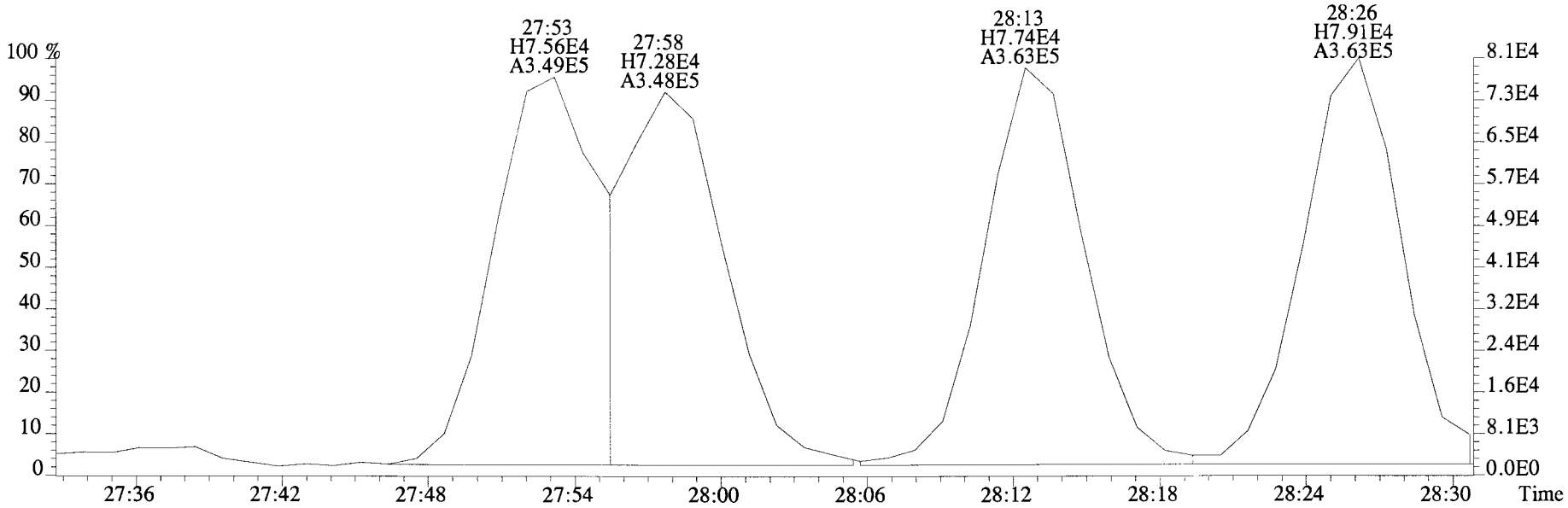
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107320.0,0.00%,F,F)



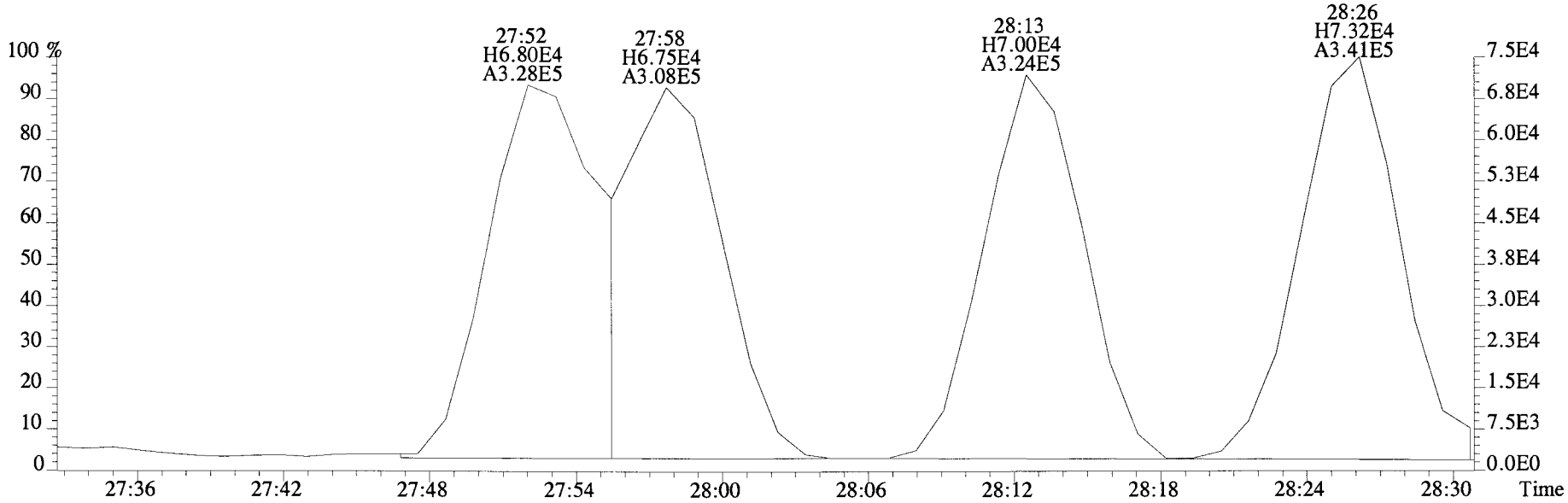
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24844.0,0.00%,F,F)



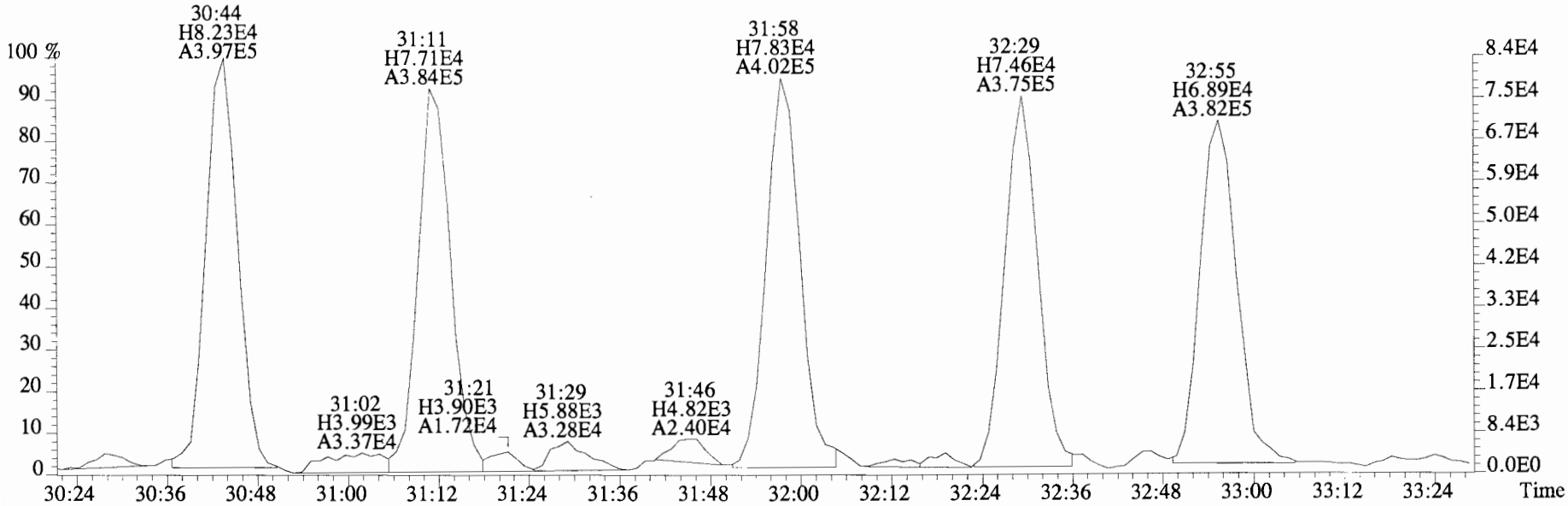
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



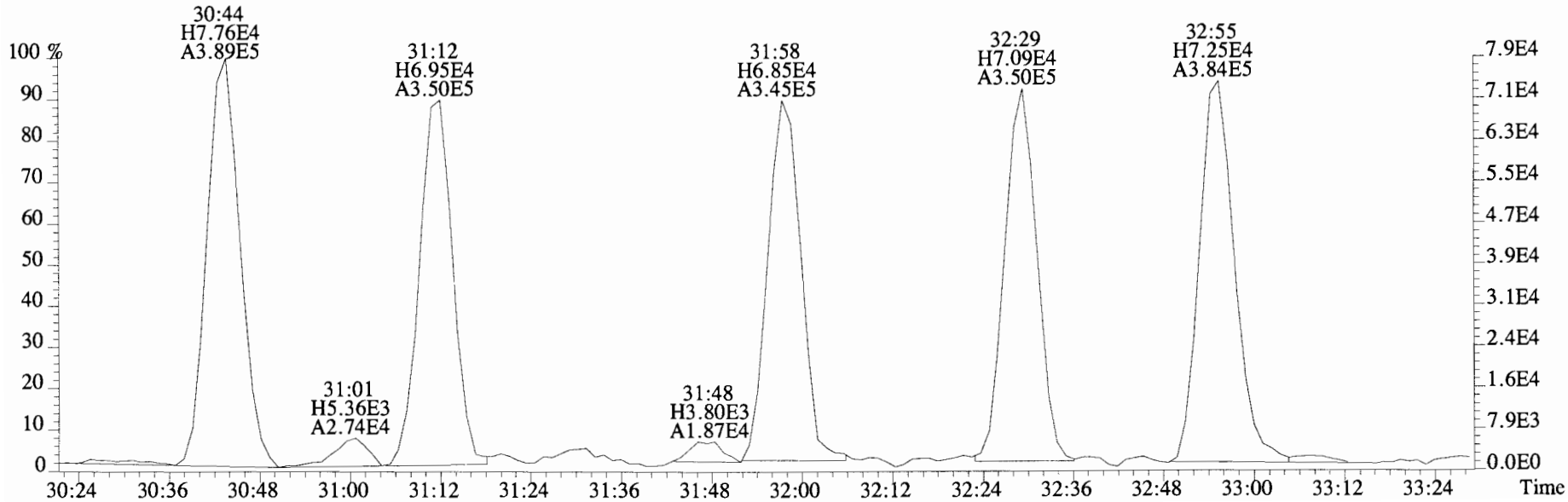
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



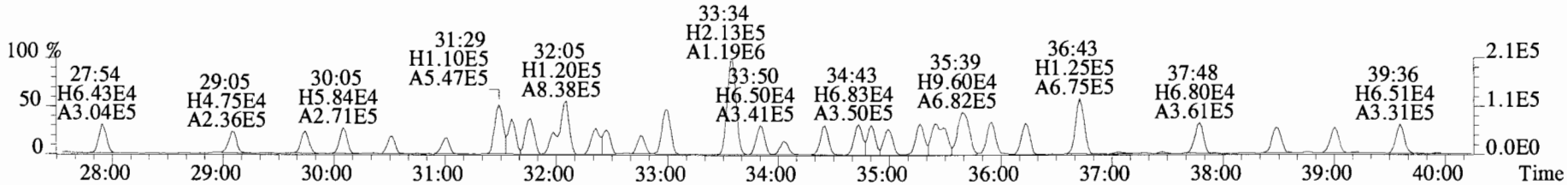
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



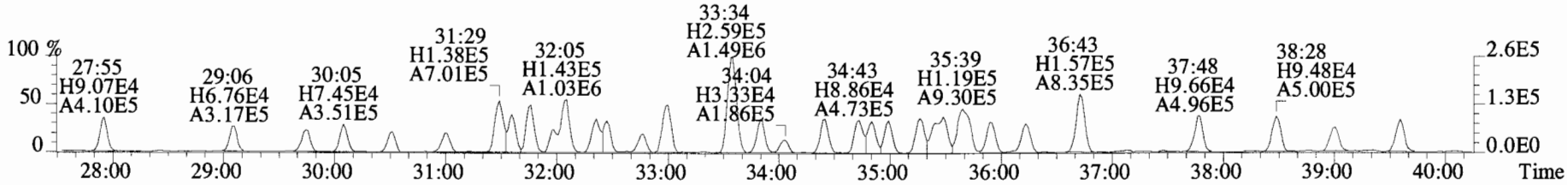
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



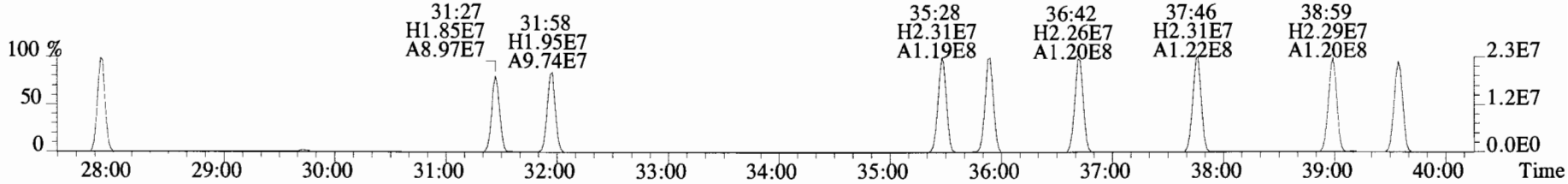
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



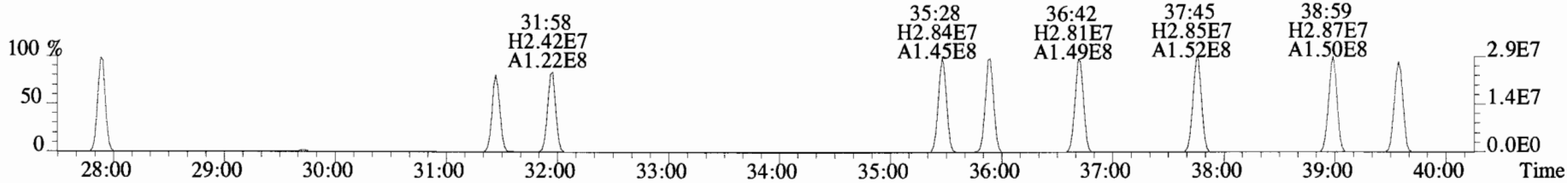
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



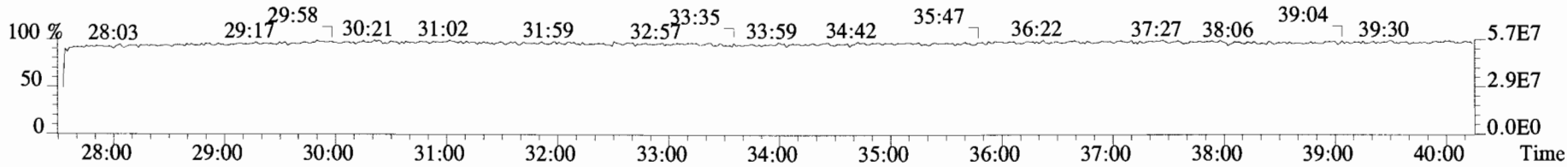
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



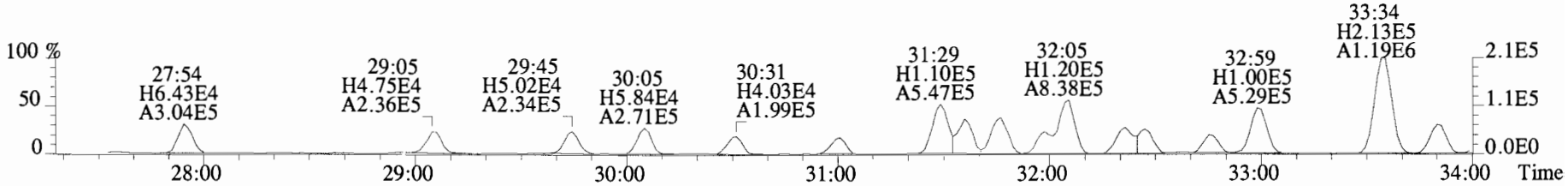
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



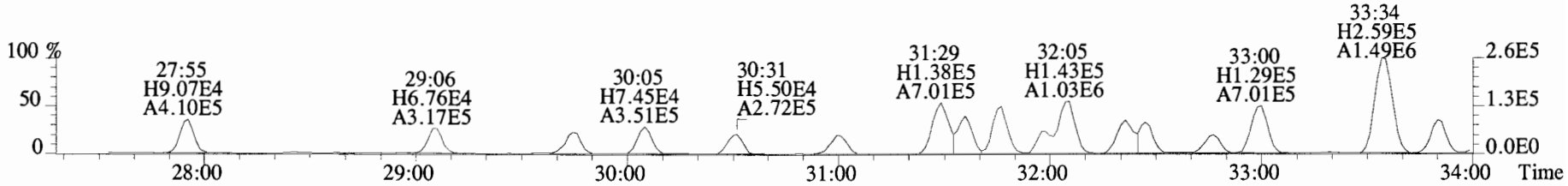
330.9792 F:3



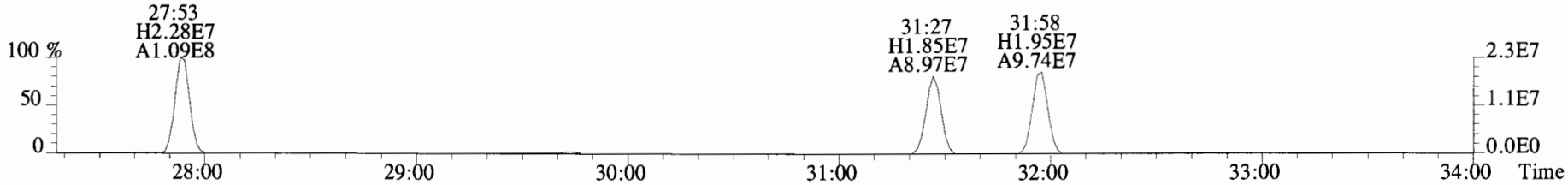
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



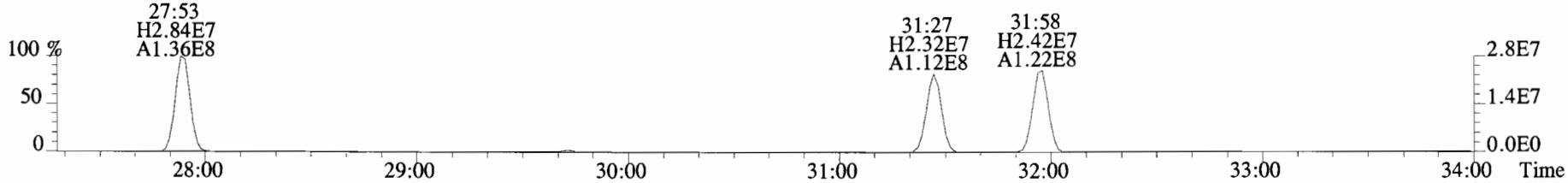
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



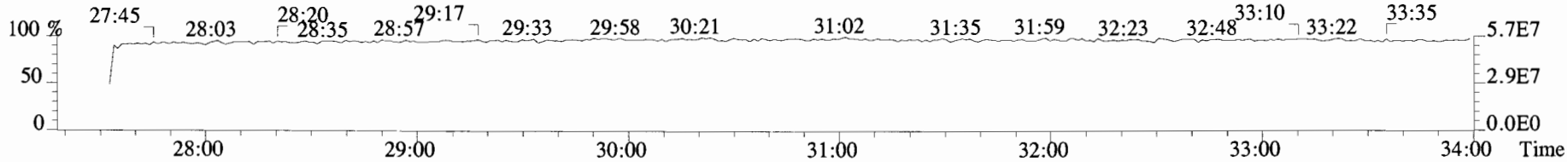
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



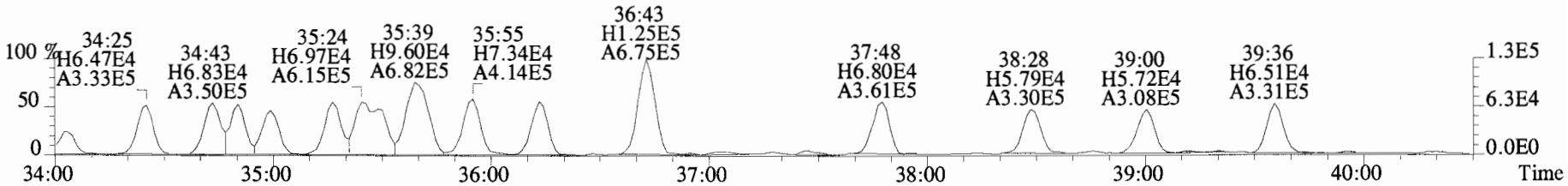
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



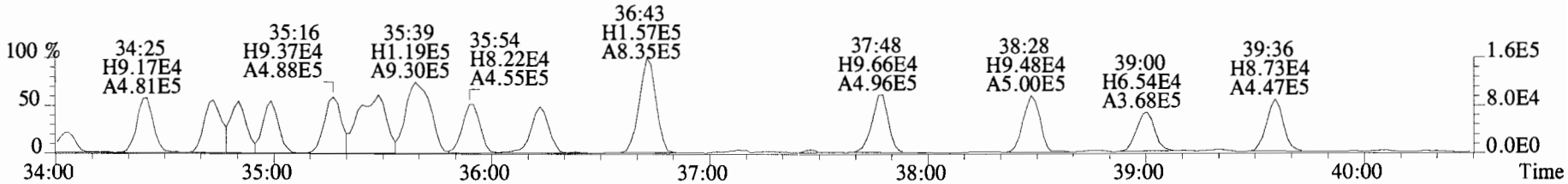
330.9792 F:3



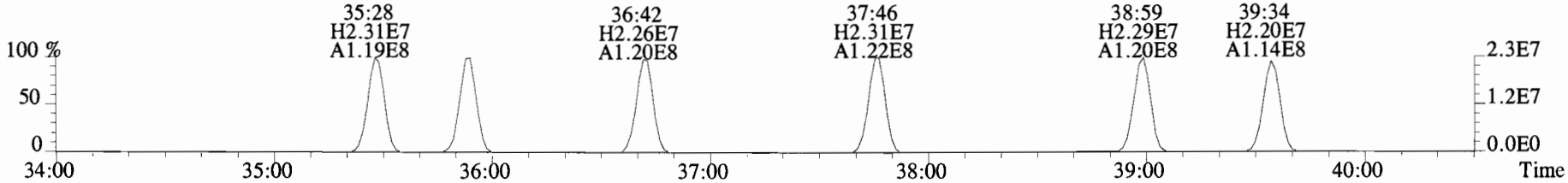
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



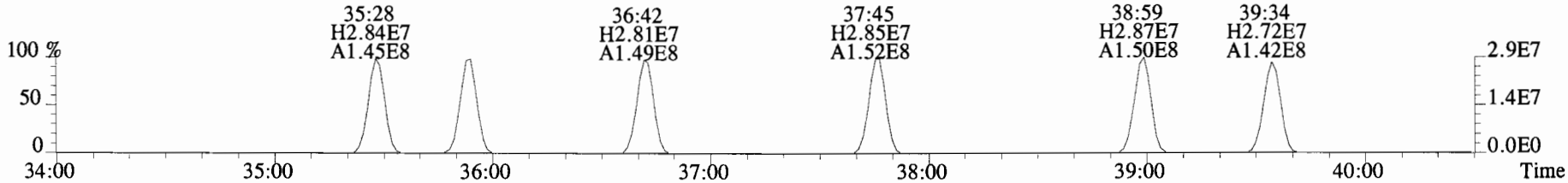
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



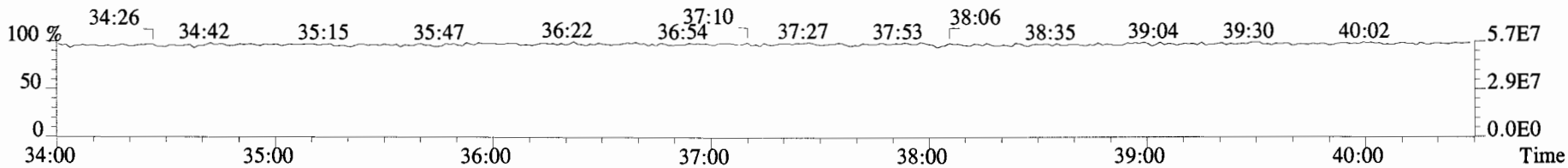
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



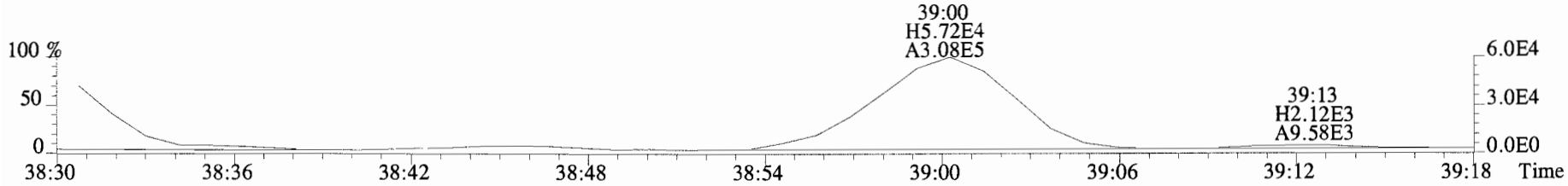
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



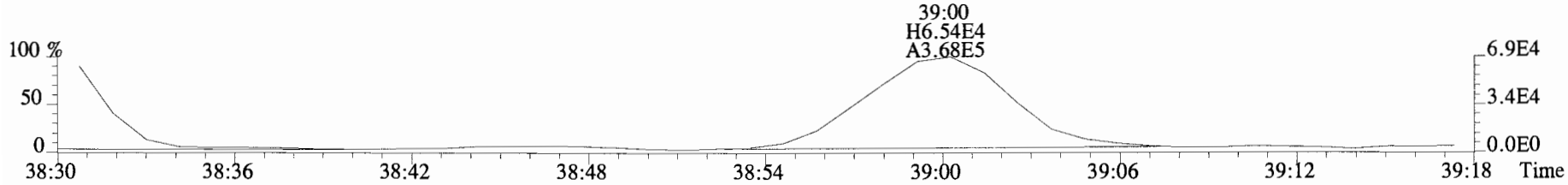
330.9792 F:3



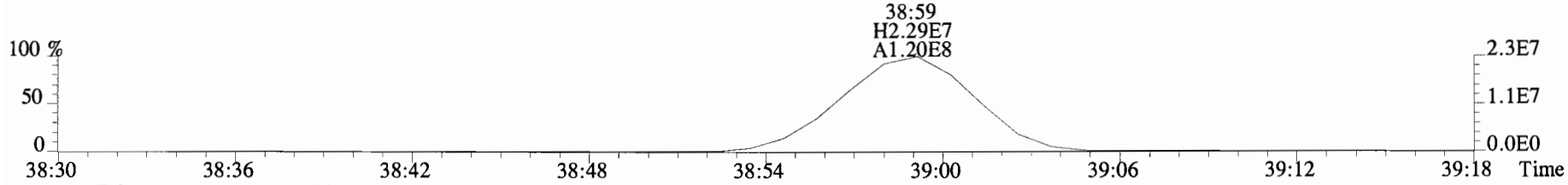
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



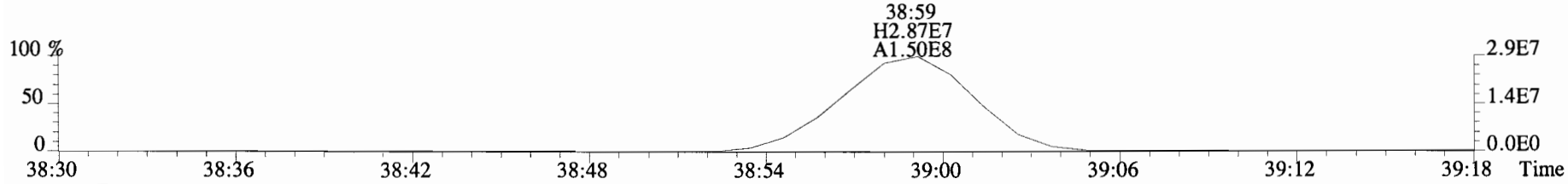
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



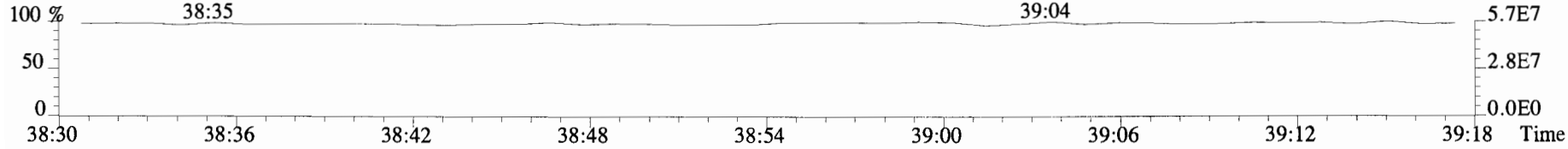
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



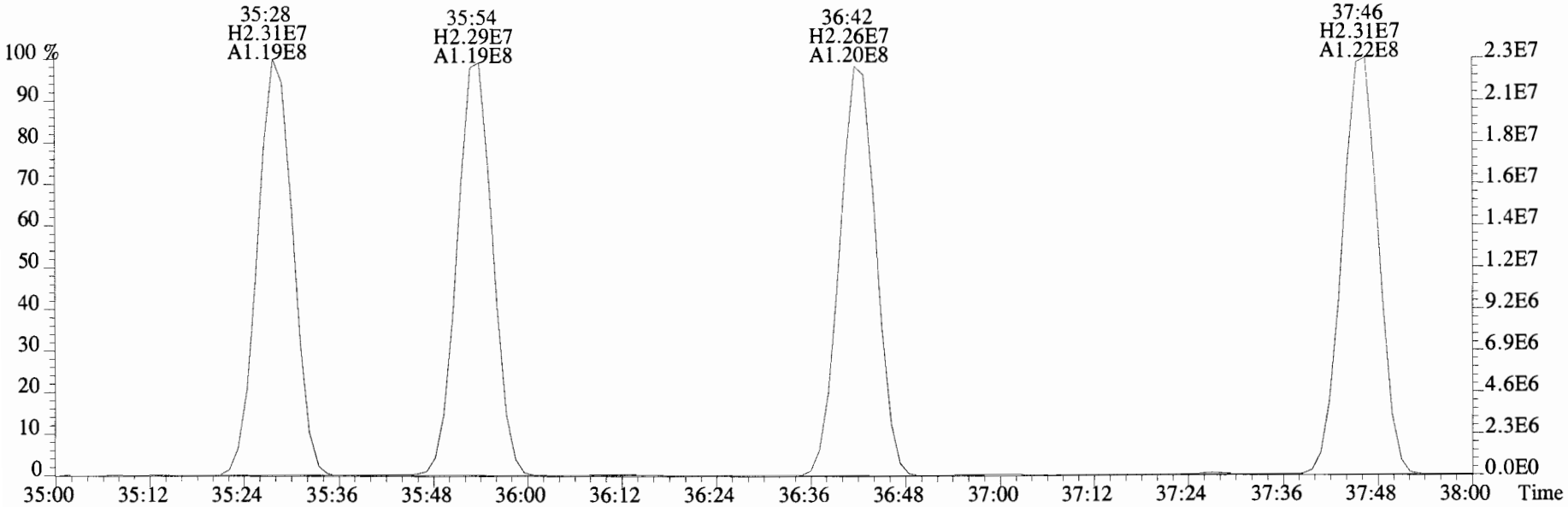
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



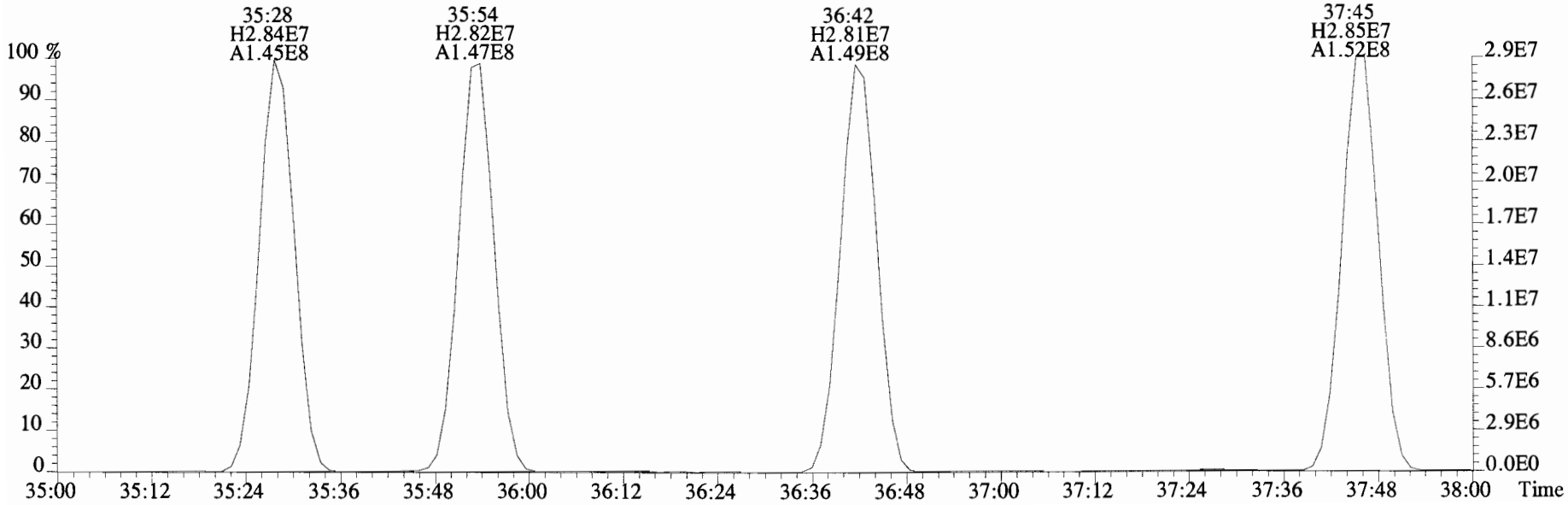
330.9792 F:3



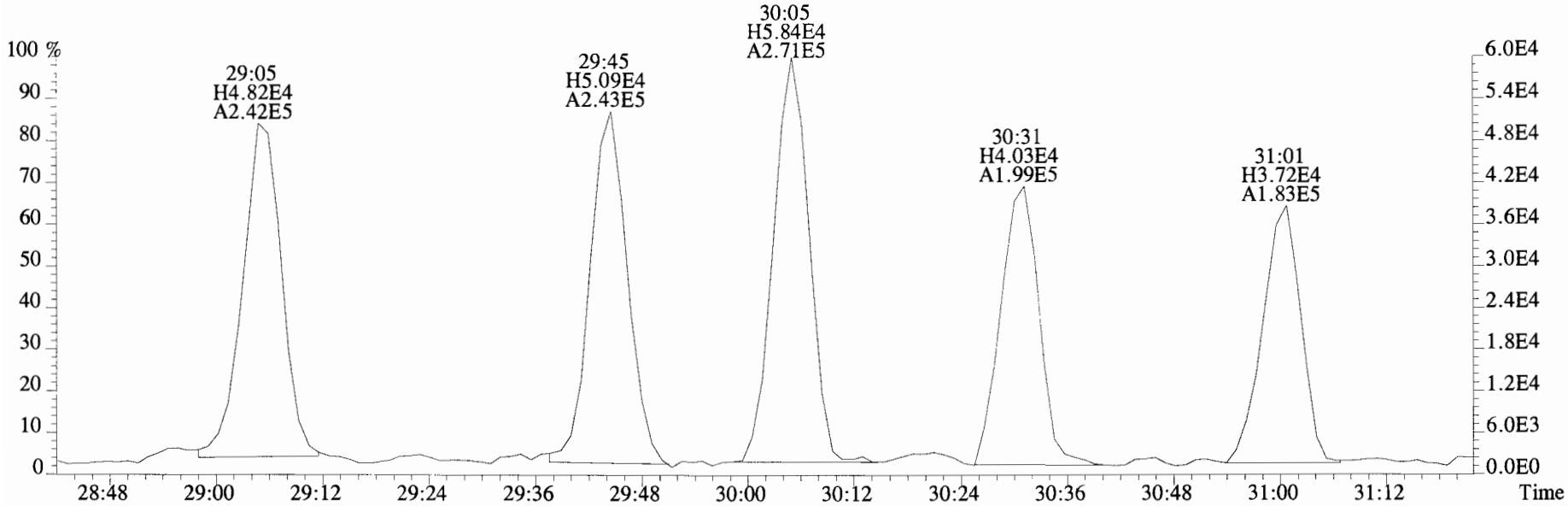
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33956.0,0.00%,F,F)



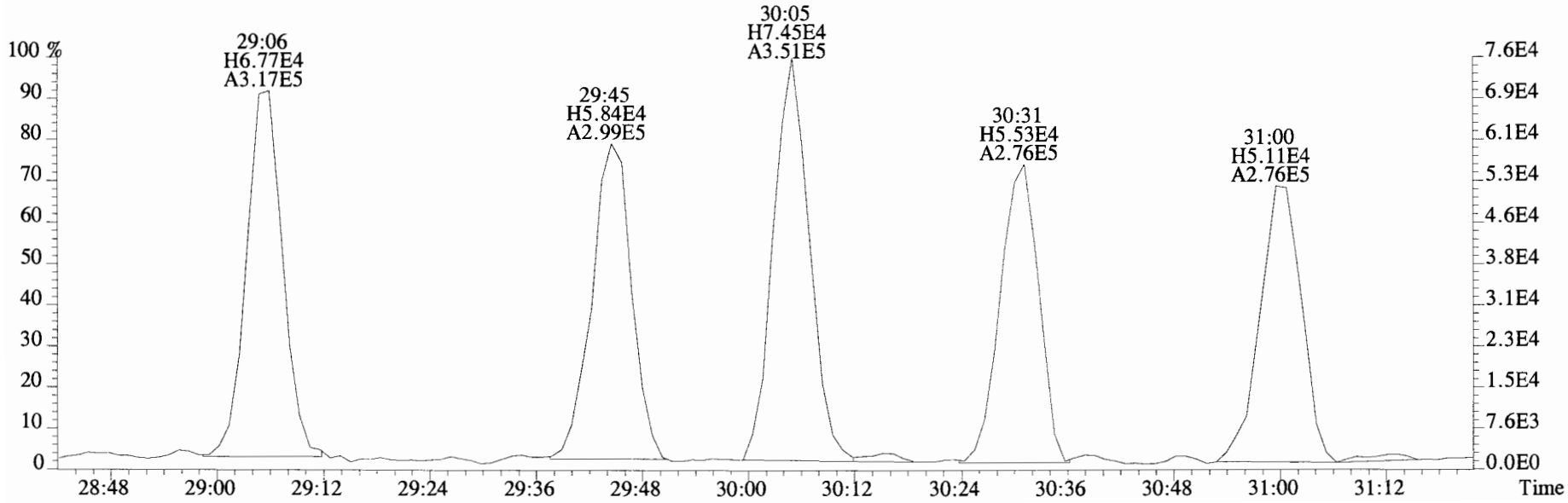
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24688.0,0.00%,F,F)



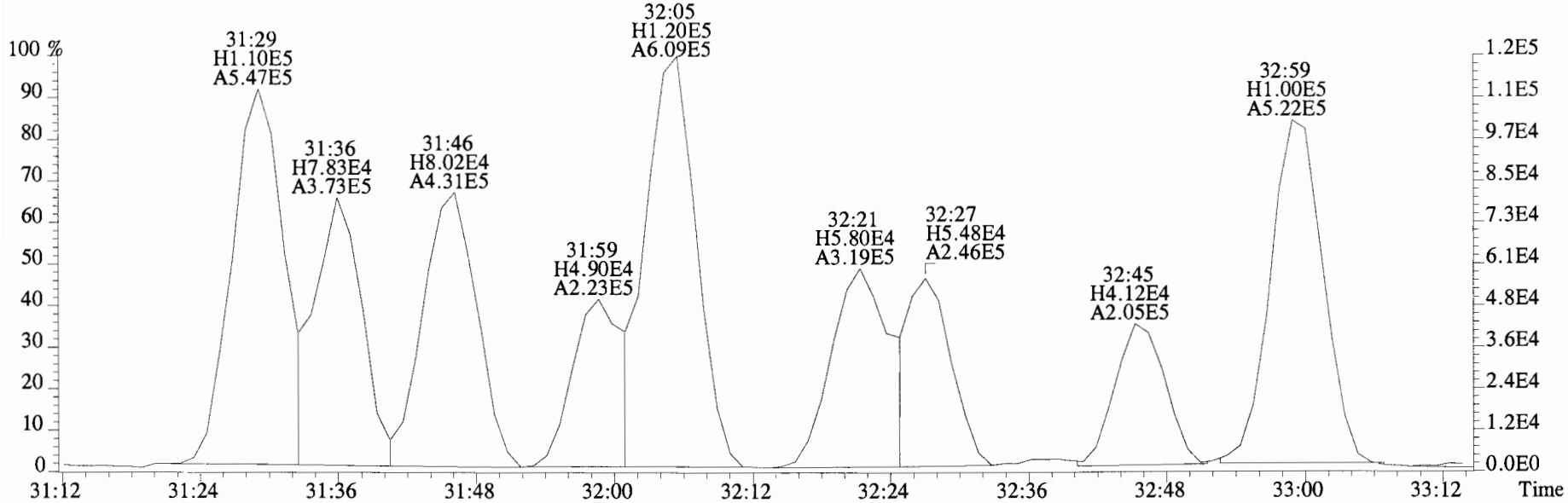
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



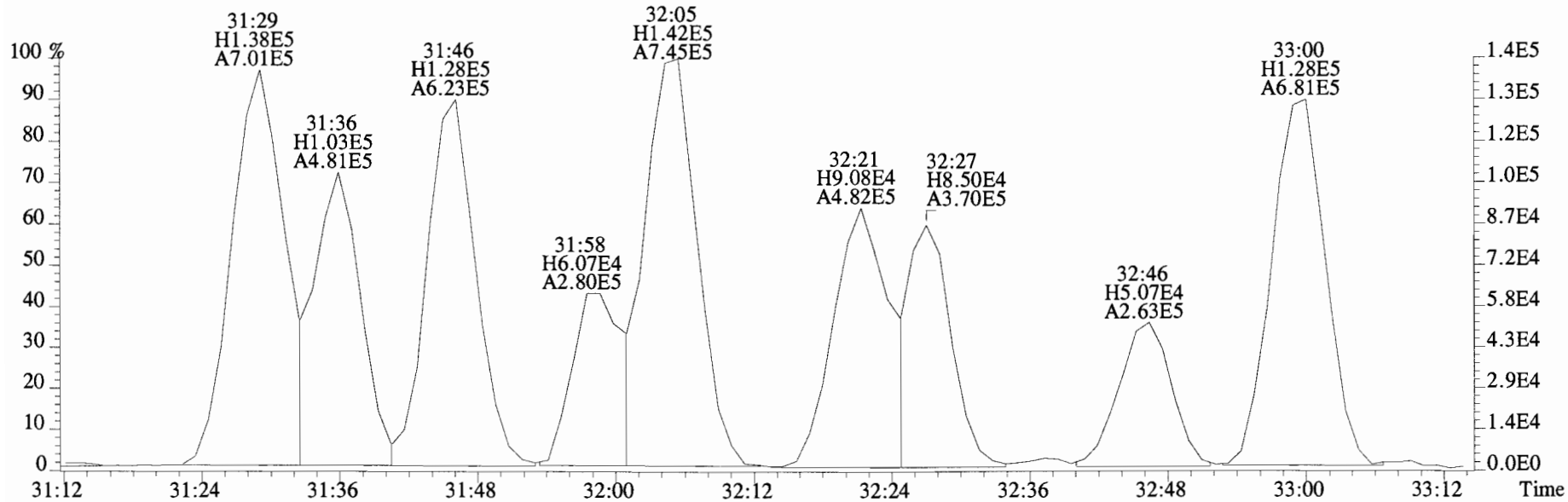
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



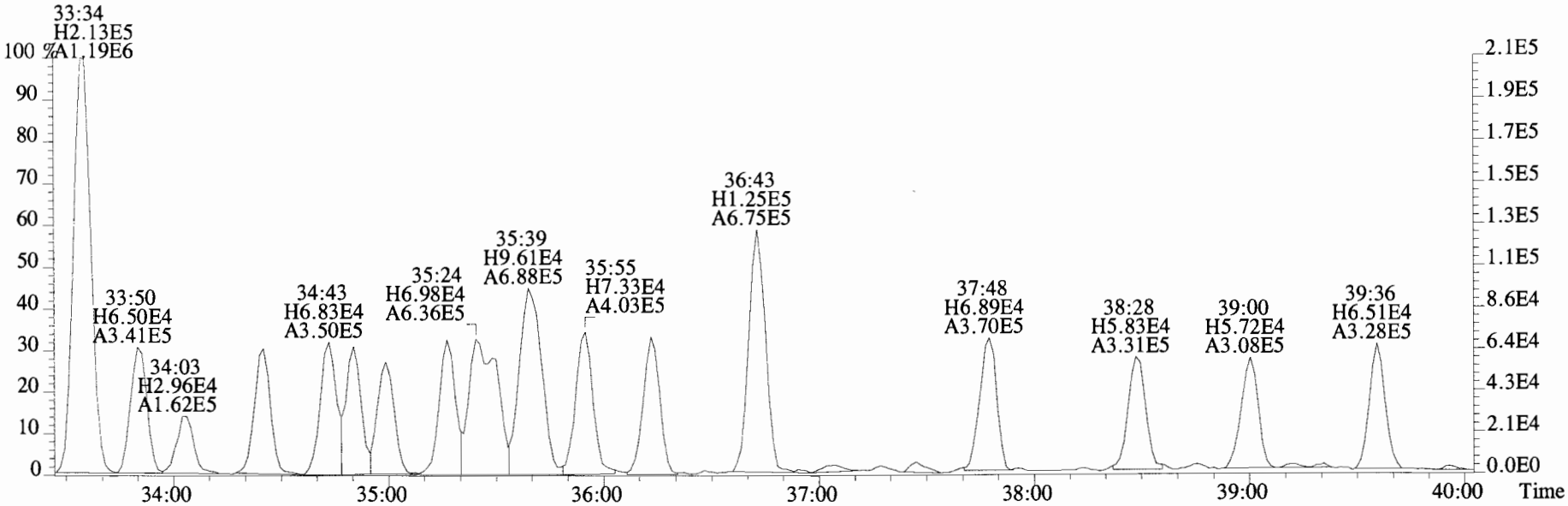
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



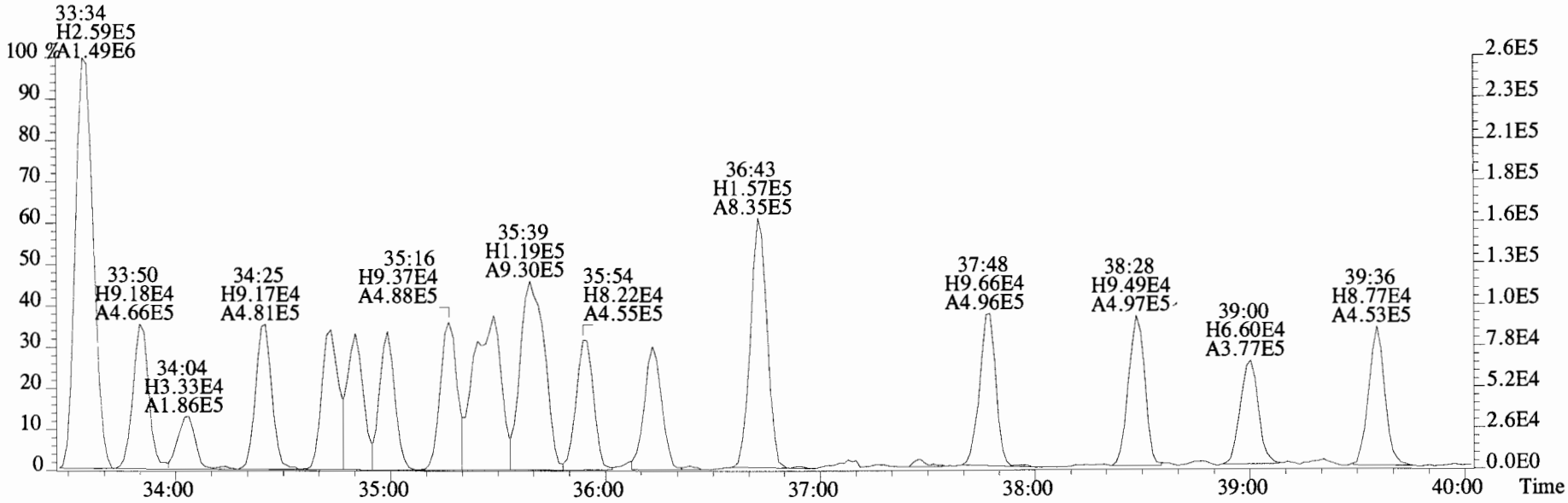
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



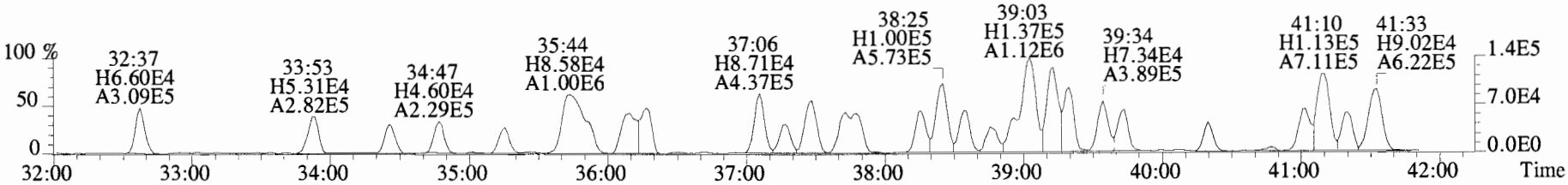
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2828.0,0.00%,F,F)



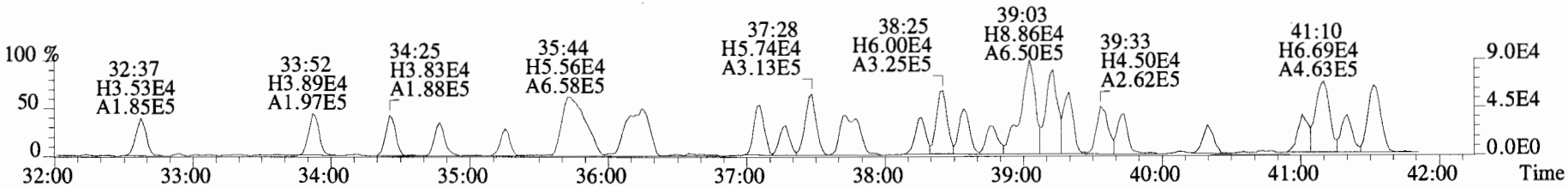
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3156.0,0.00%,F,F)



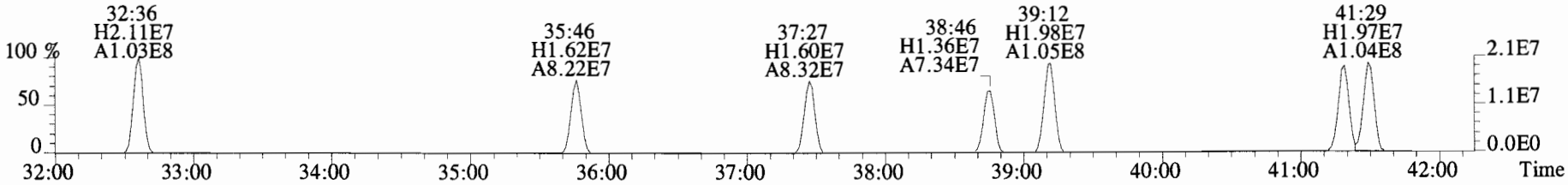
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



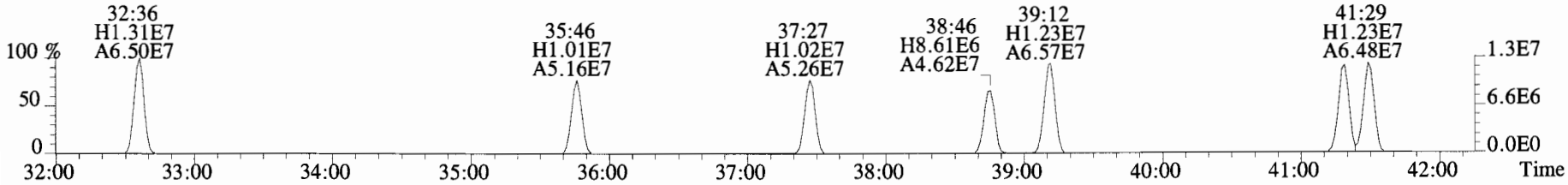
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



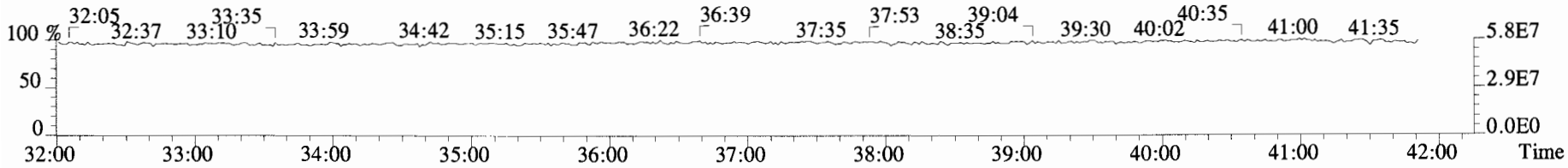
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



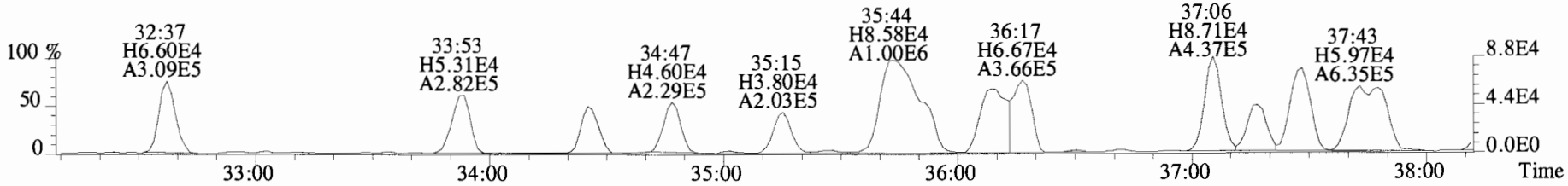
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



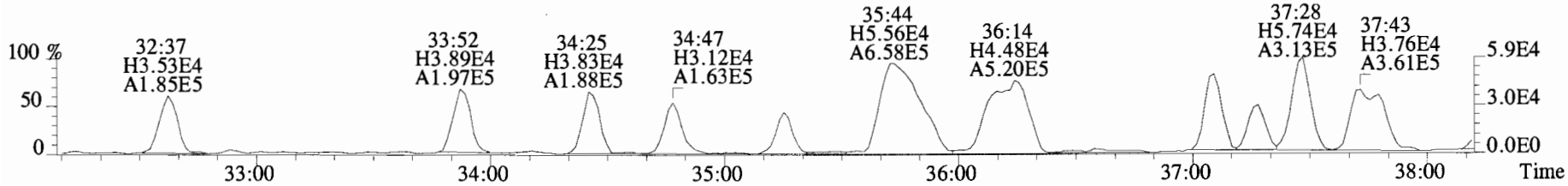
330.9792 F:3



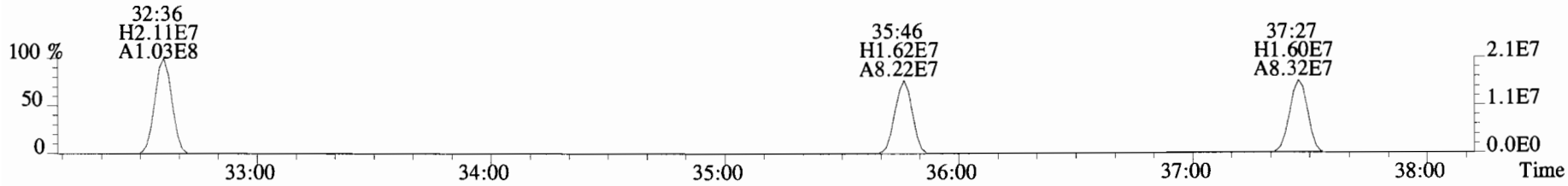
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



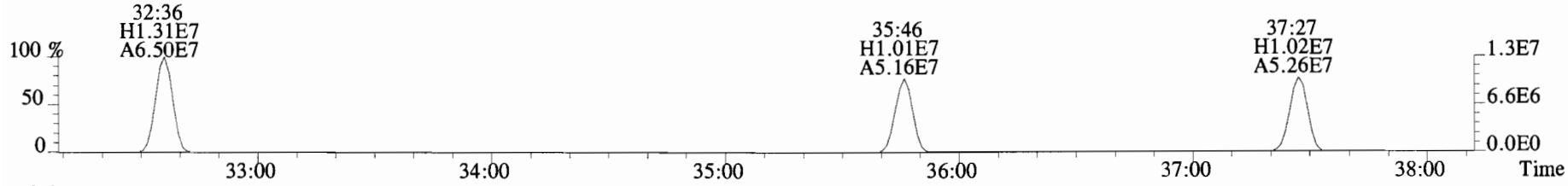
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



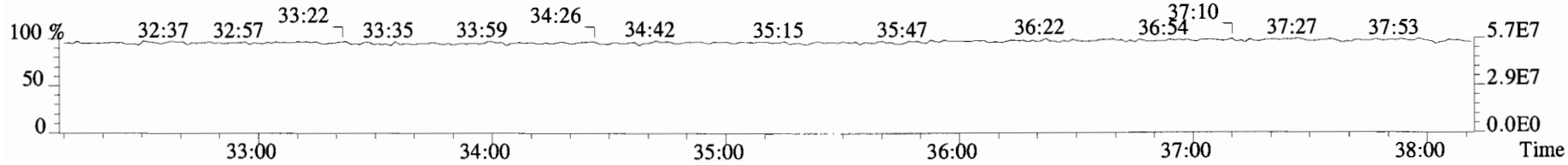
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



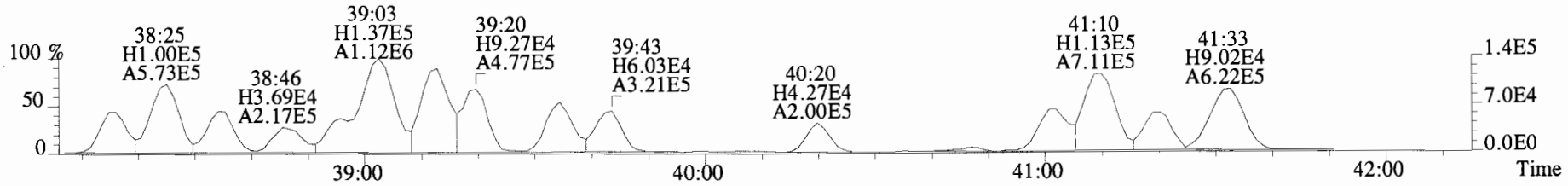
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



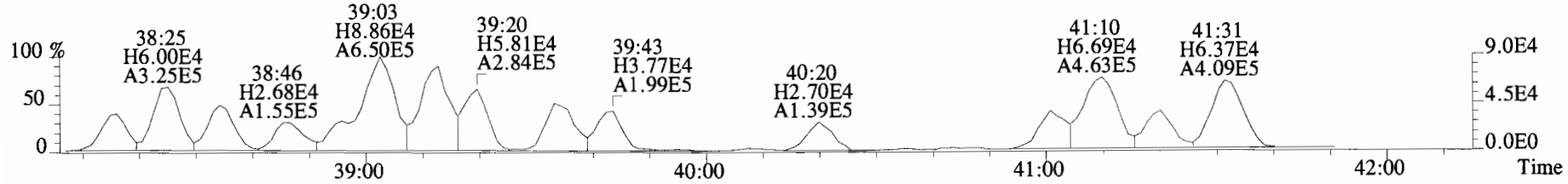
330.9792 F:3



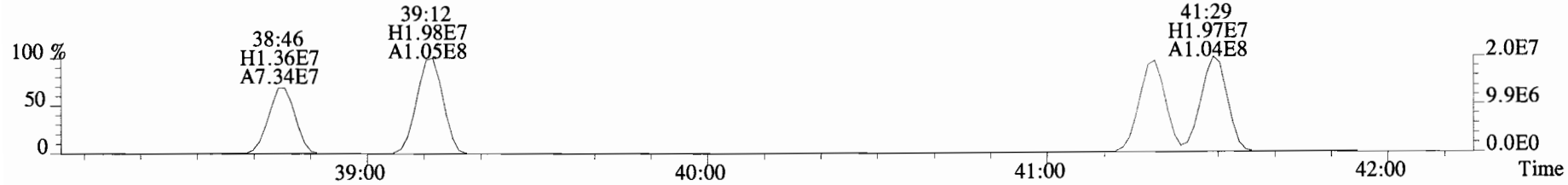
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



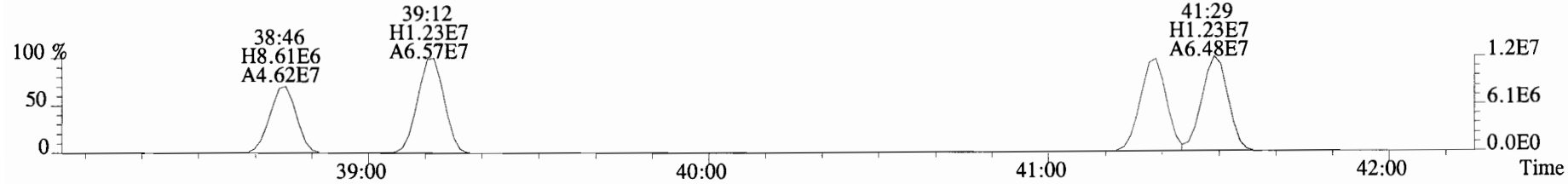
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



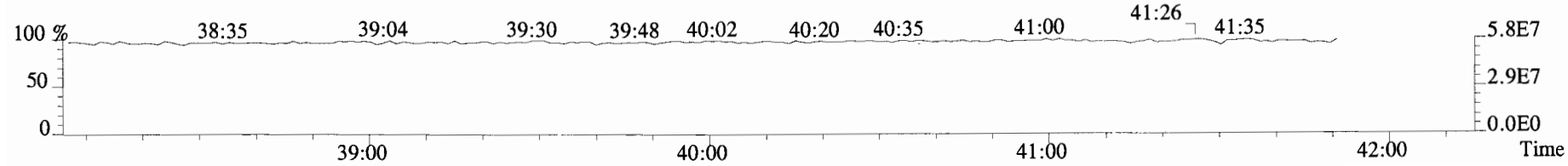
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



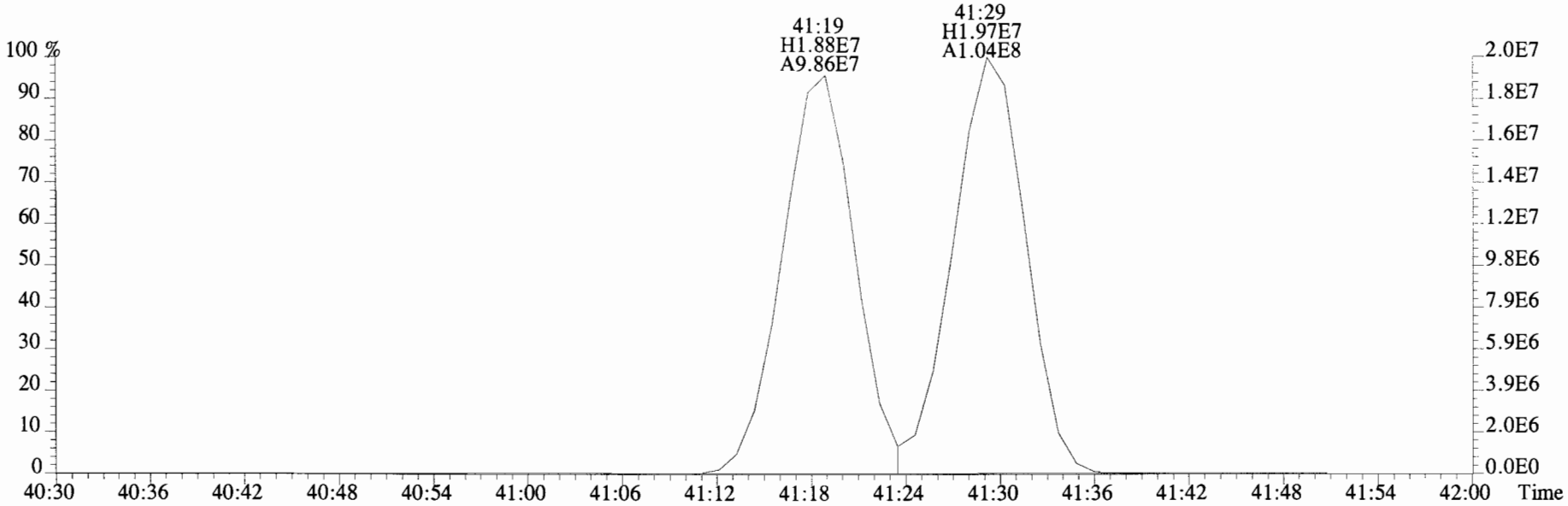
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



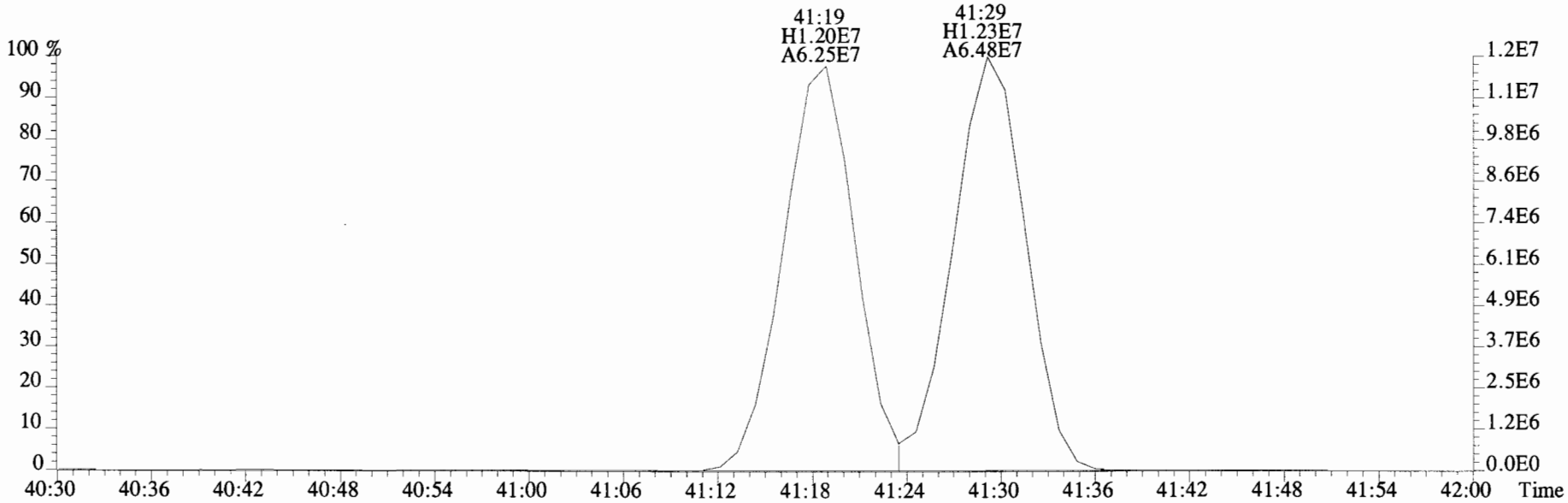
330.9792 F:3



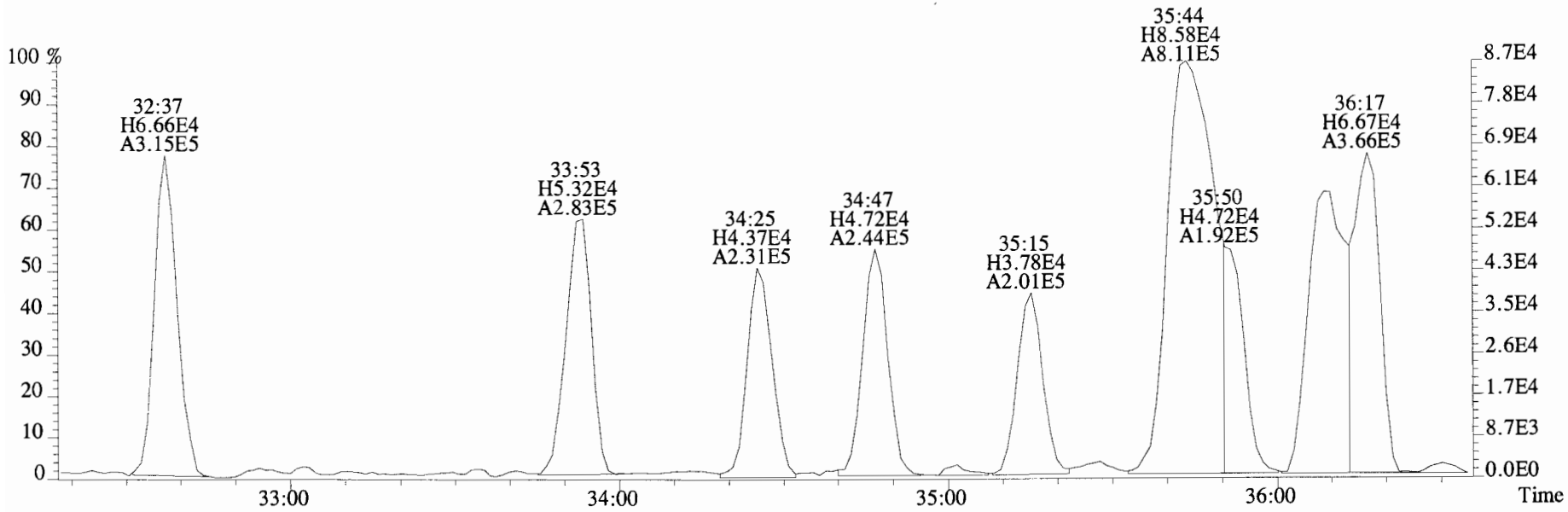
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



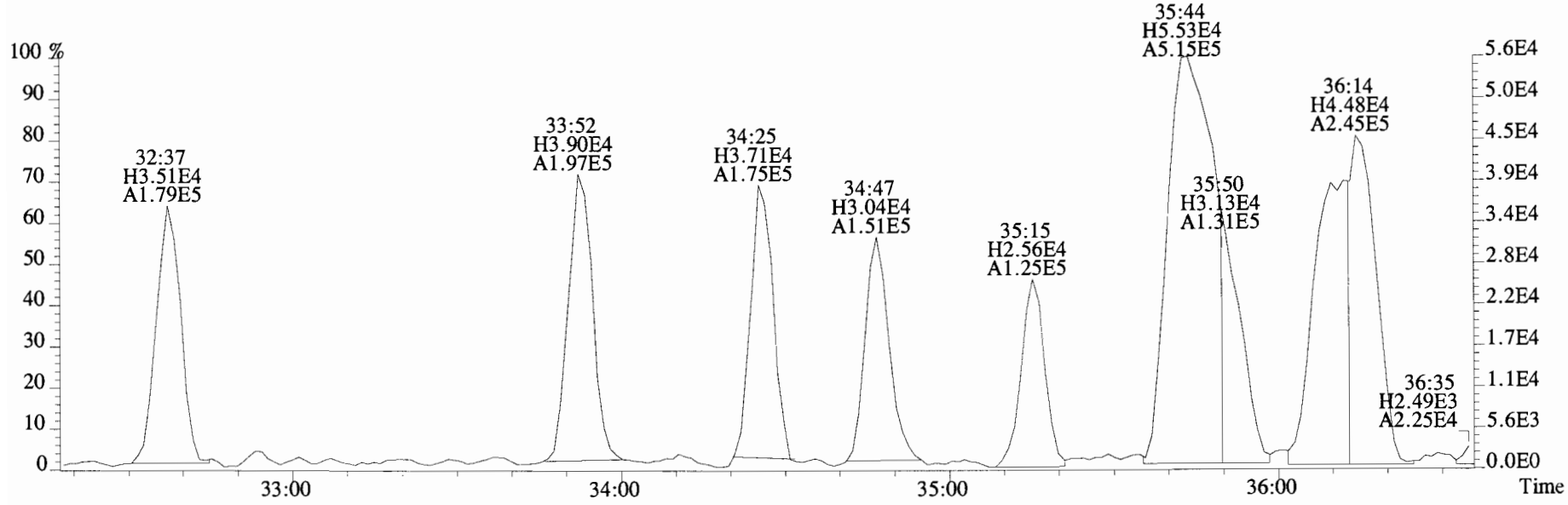
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3760.0,0.00%,F,F)



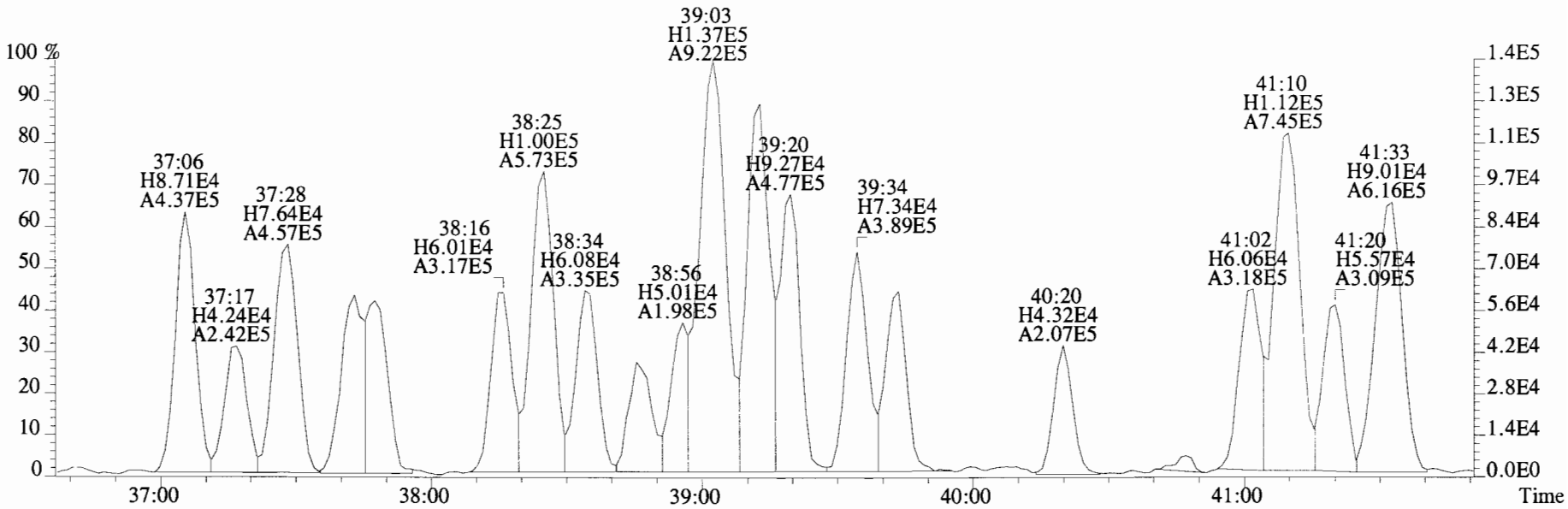
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



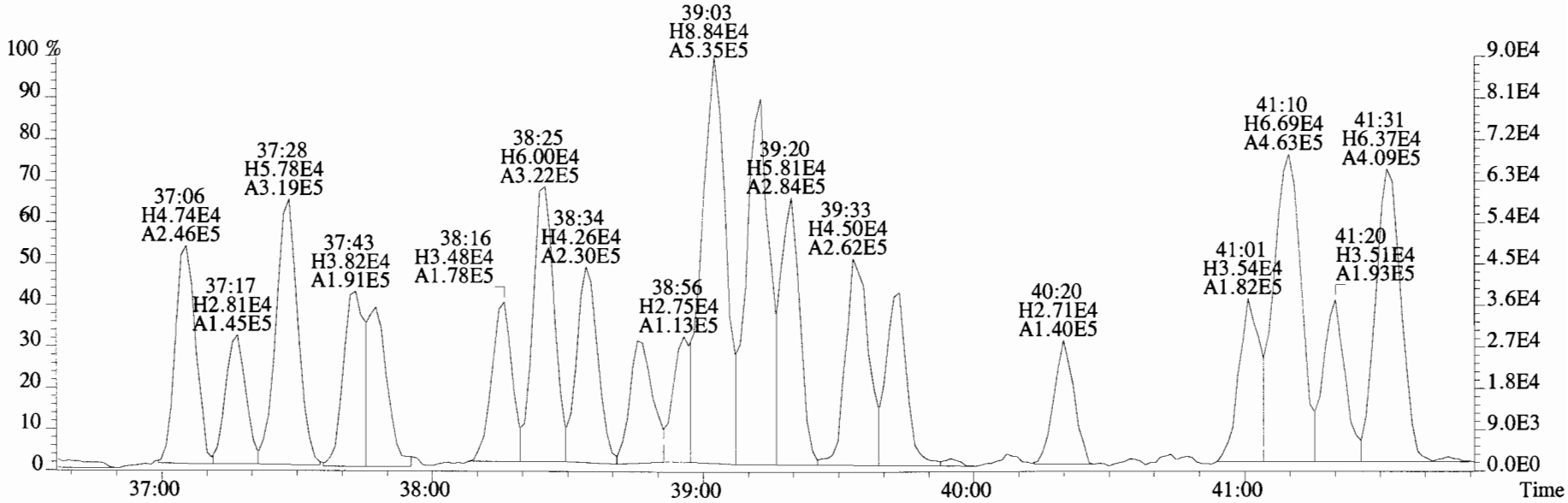
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)



File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)

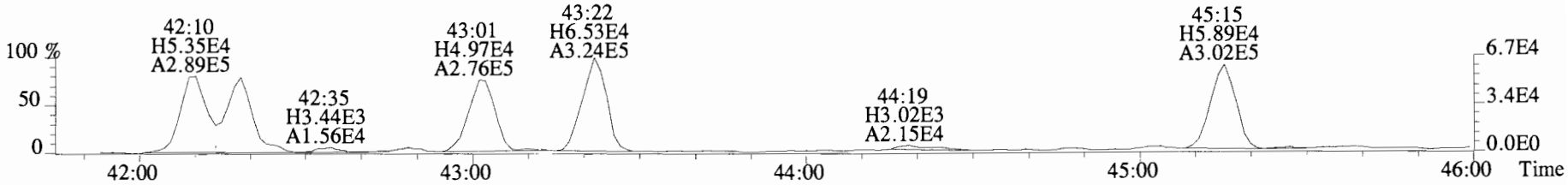


327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2080.0,0.00%,F,F)

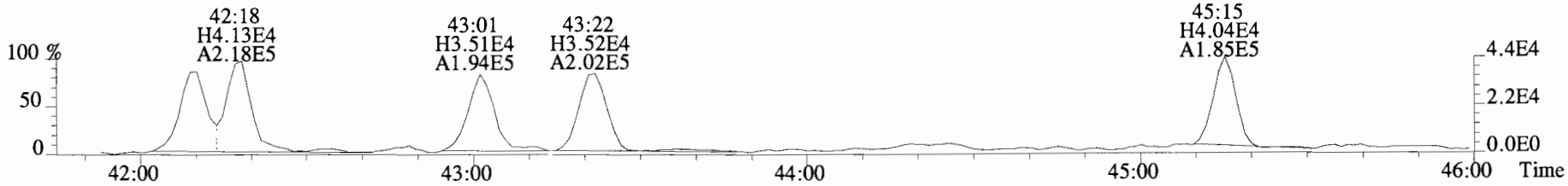


File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1

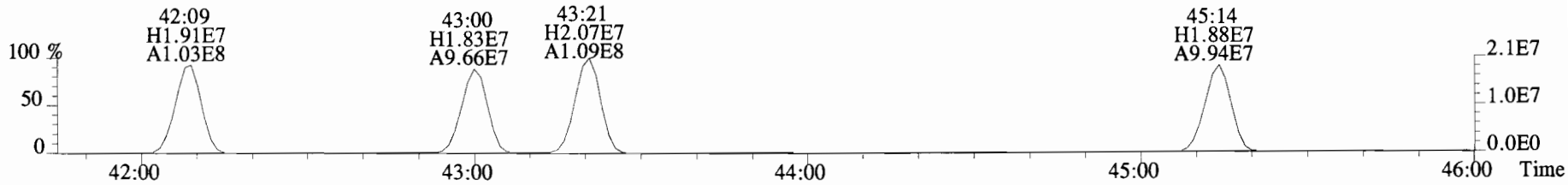
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



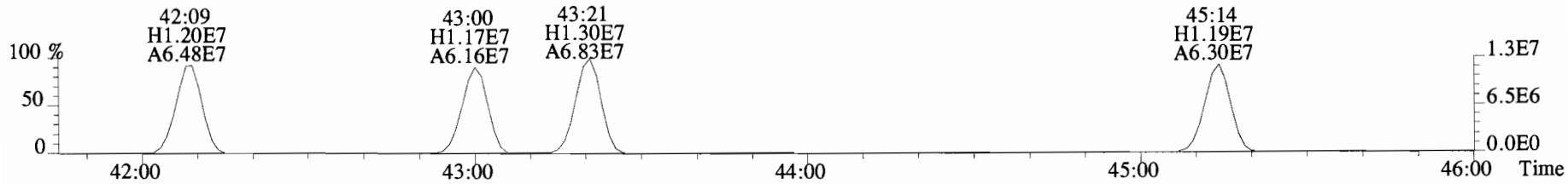
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



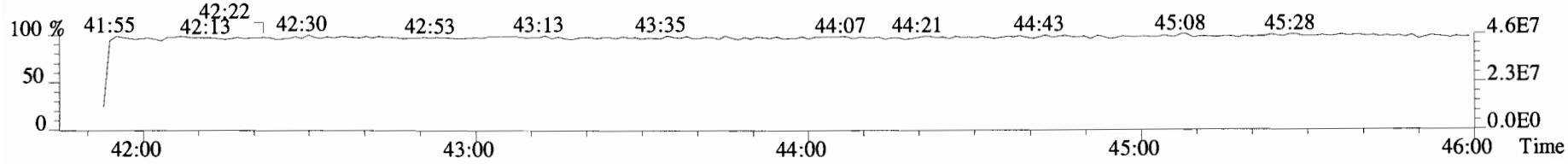
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12672.0,0.00%,F,F)



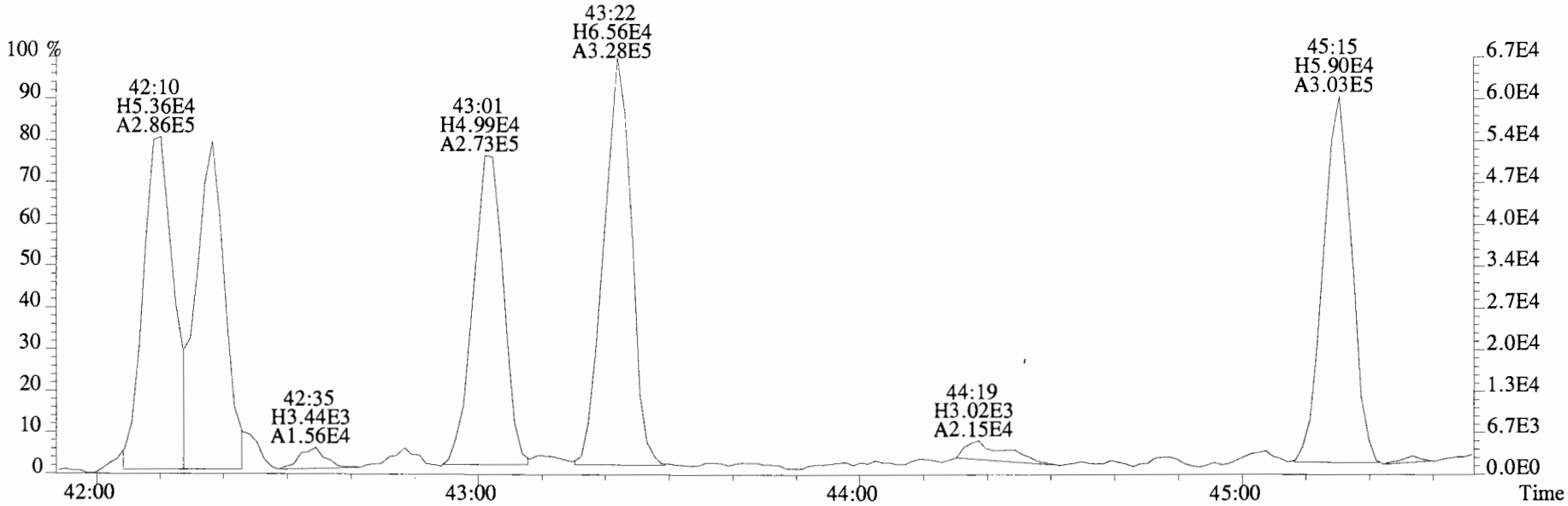
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9696.0,0.00%,F,F)



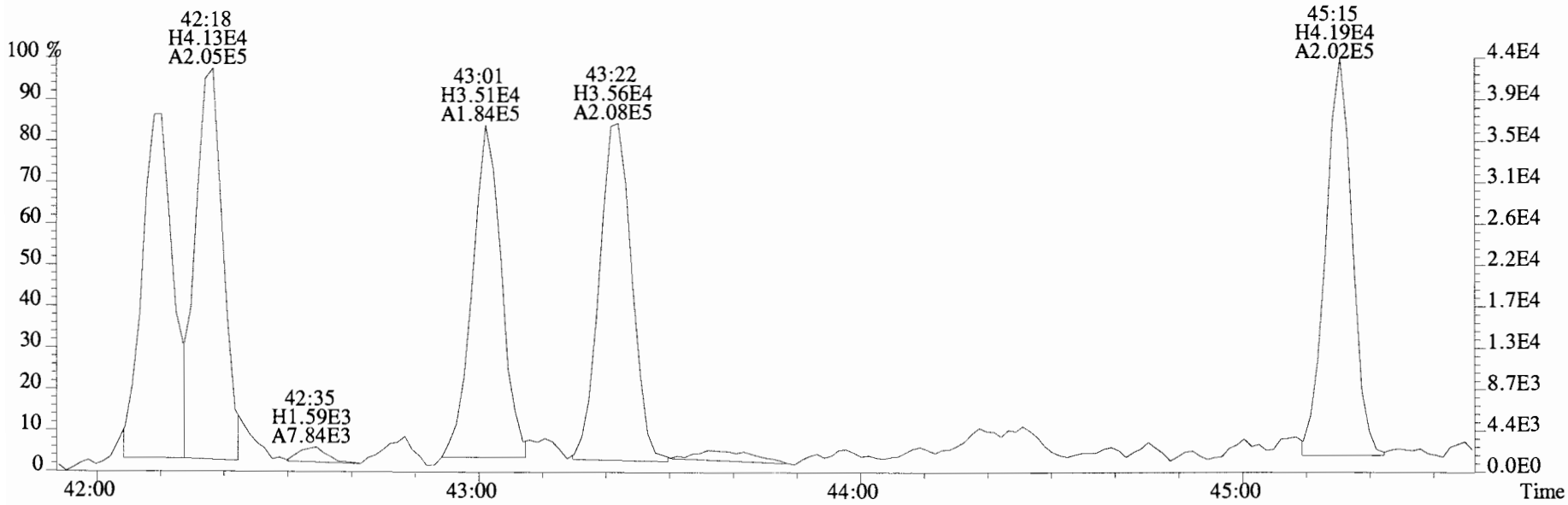
380.9760 F:4



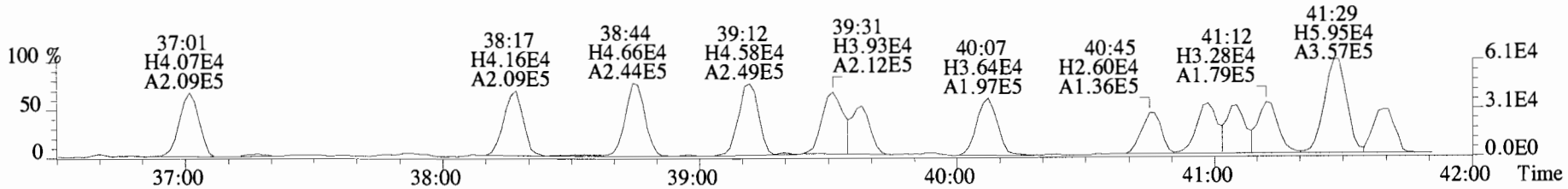
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



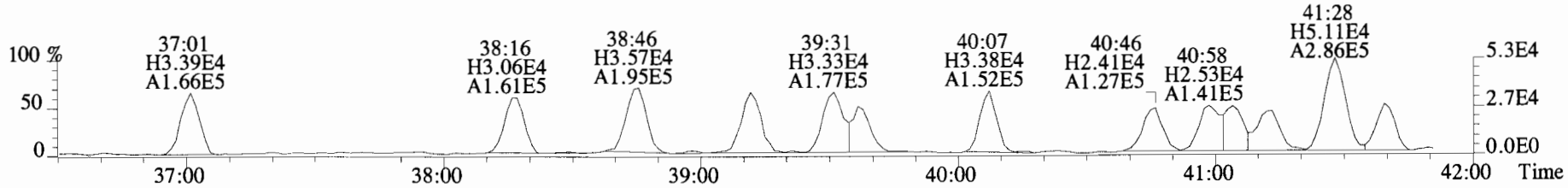
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



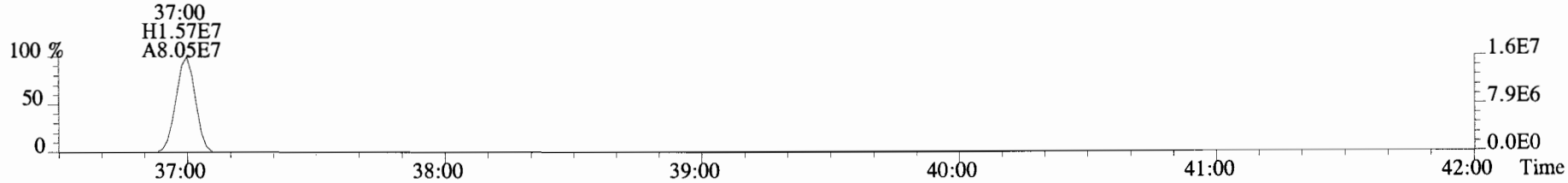
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



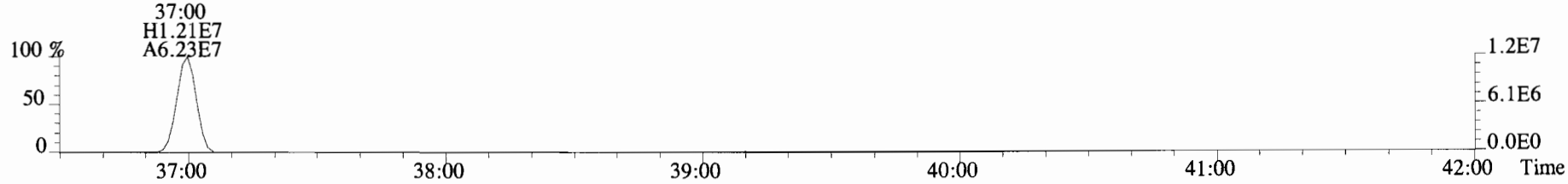
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



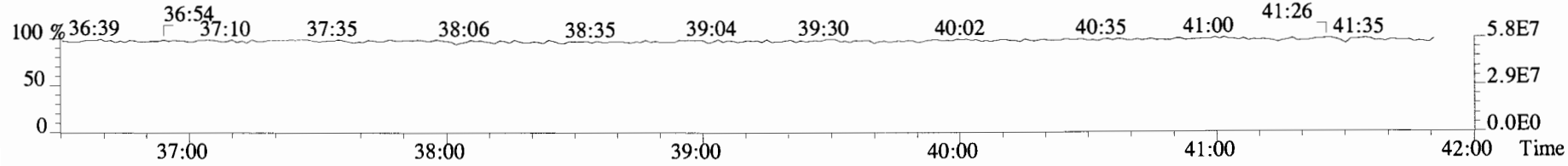
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



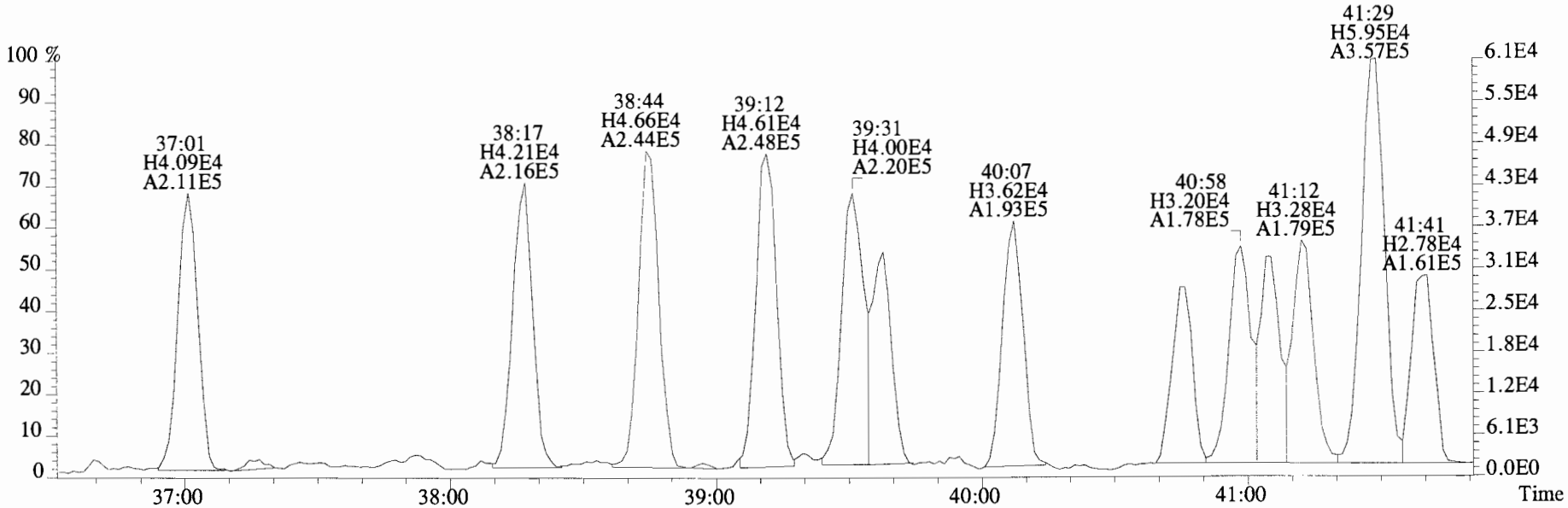
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



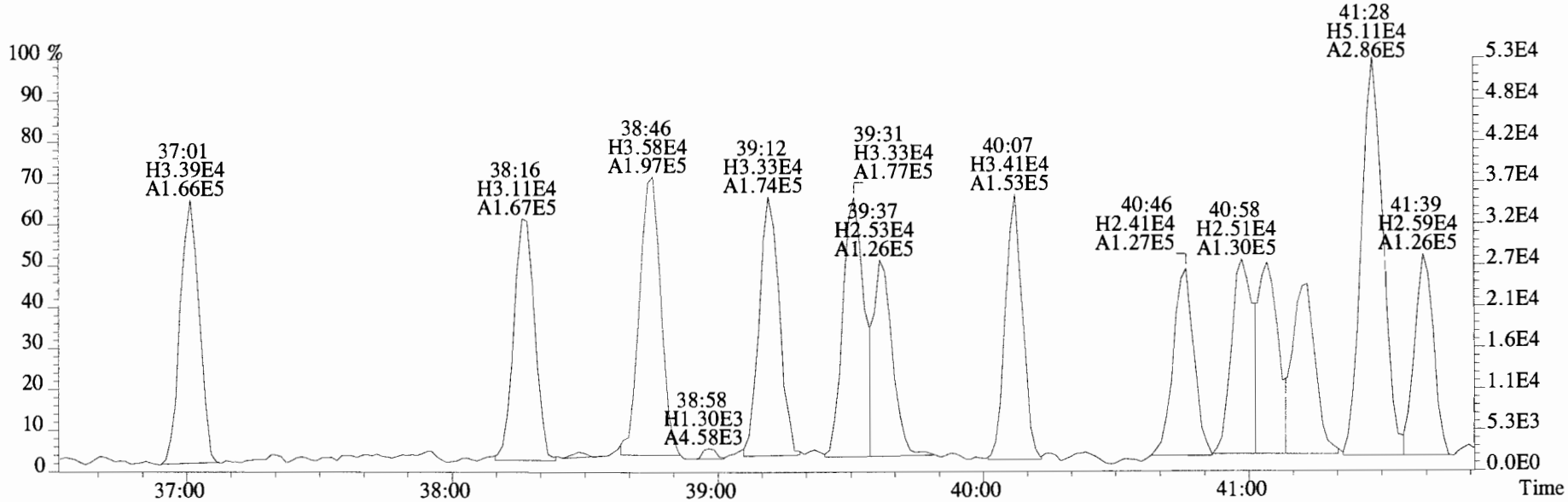
330.9792 F:3



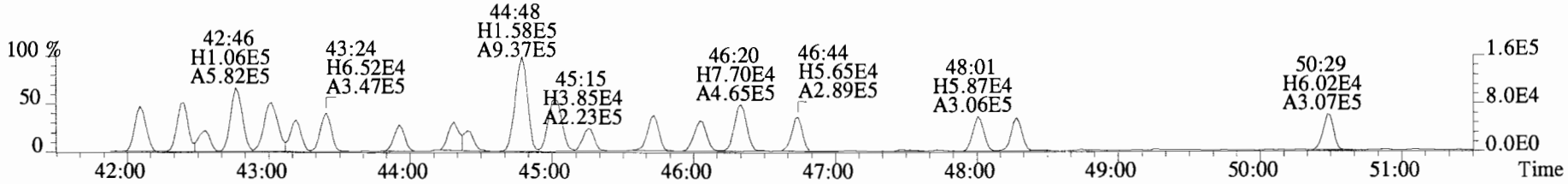
File:180208E1 #1-756 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1880.0,0.00%,F,F)



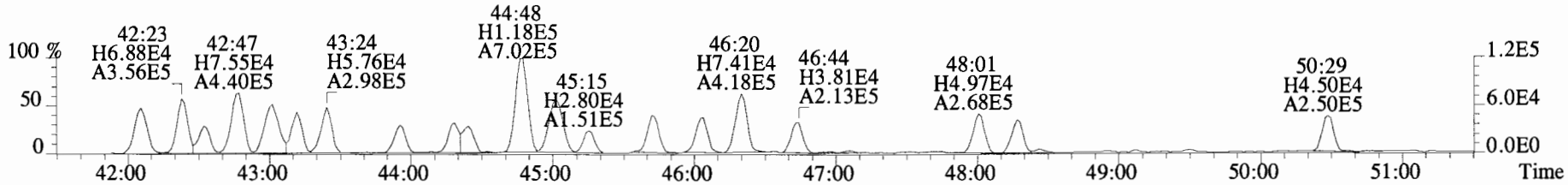
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2088.0,0.00%,F,F)



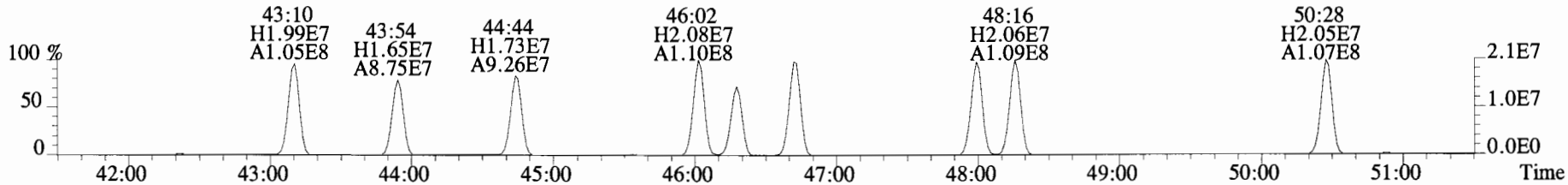
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



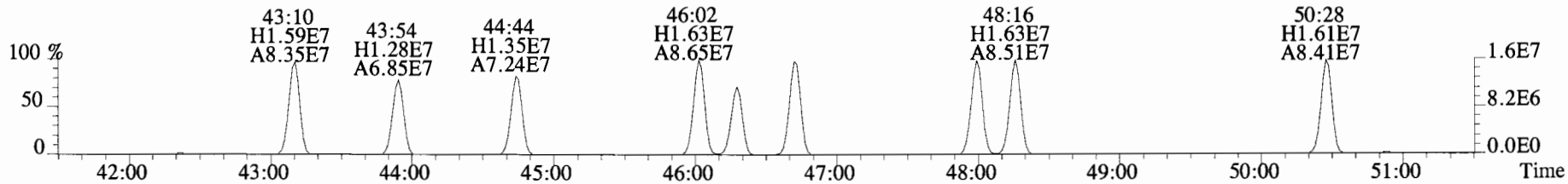
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



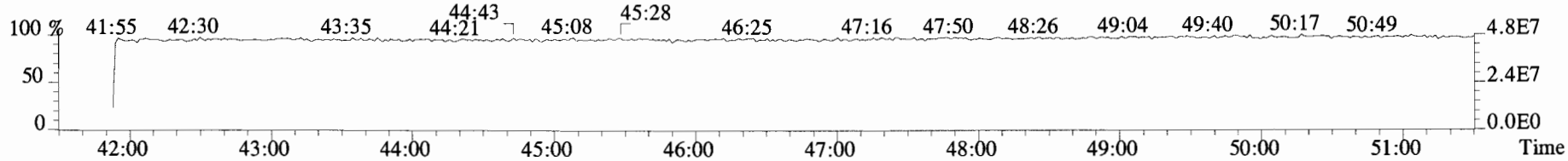
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



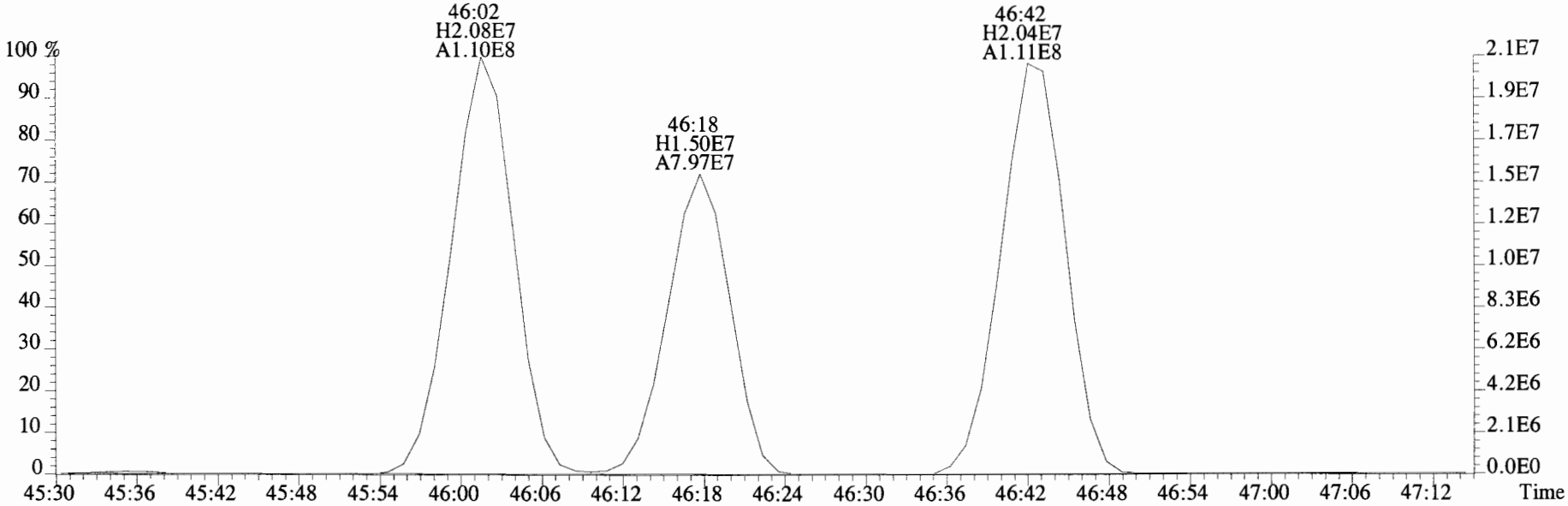
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



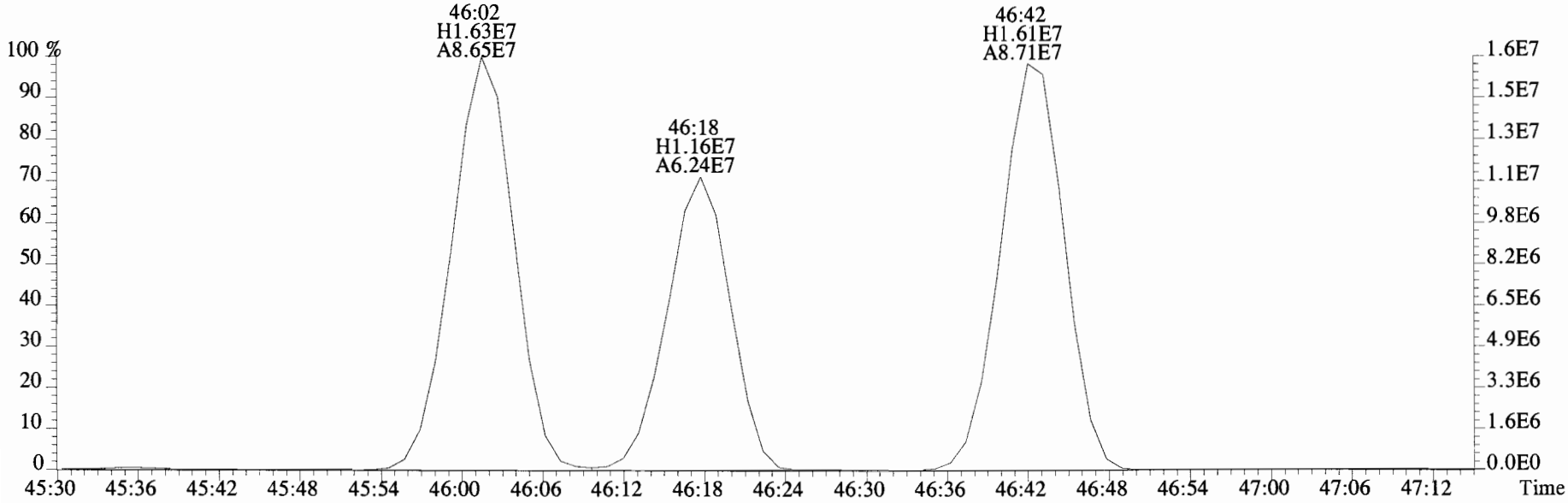
380.9760 F:4



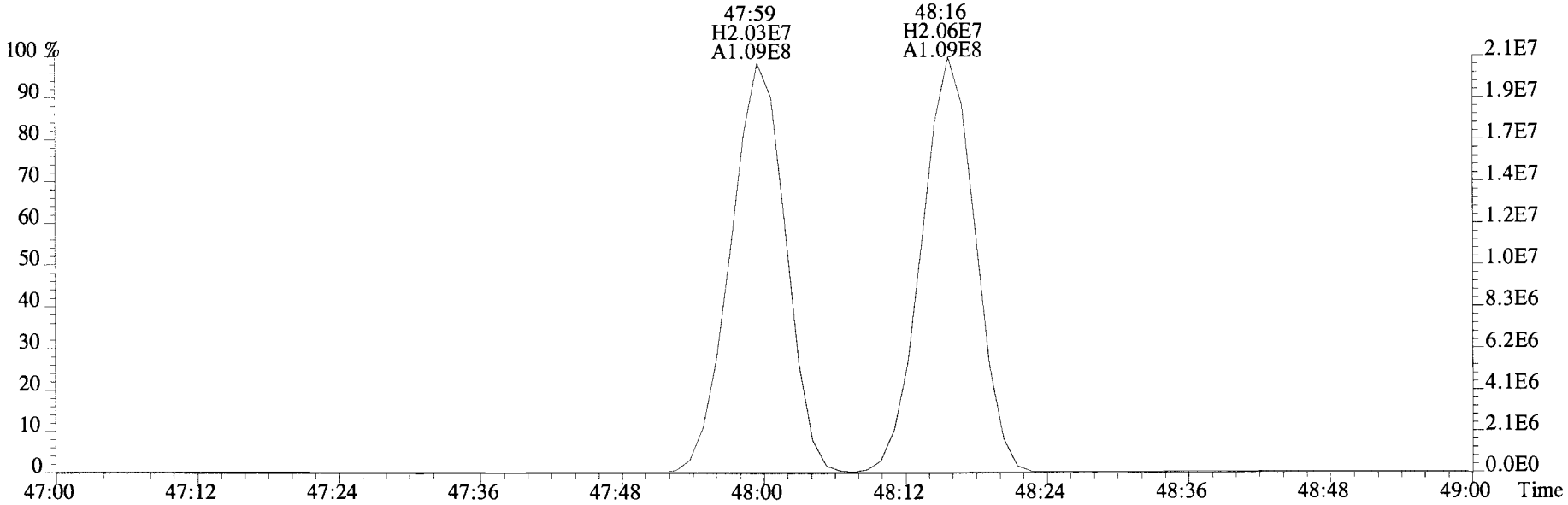
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



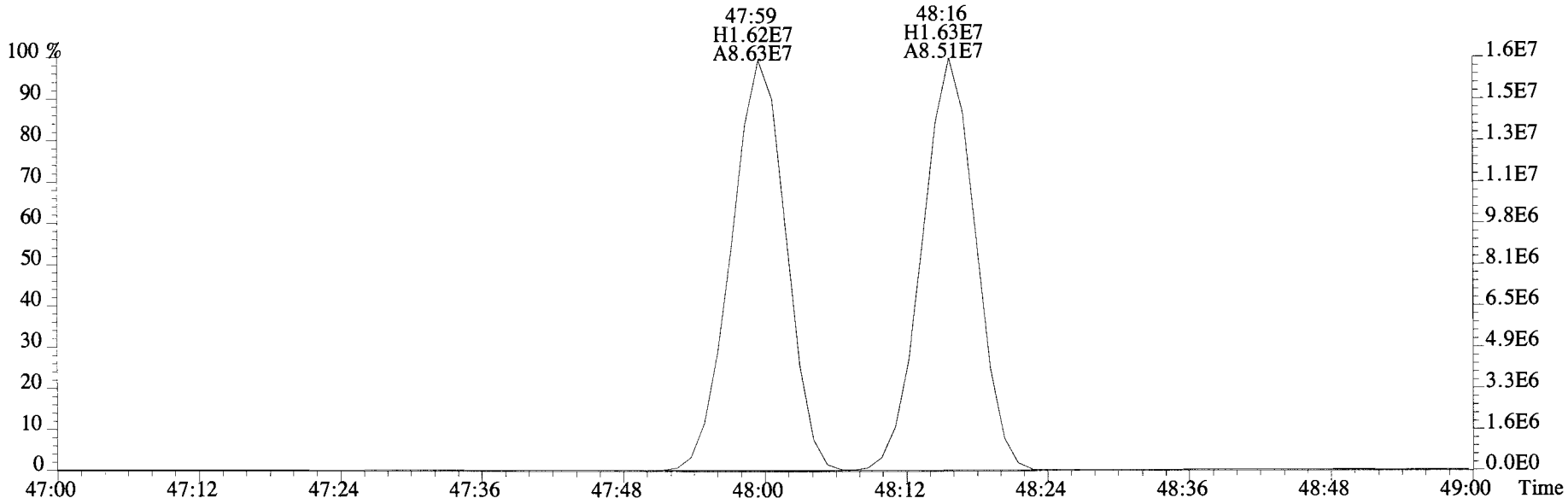
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



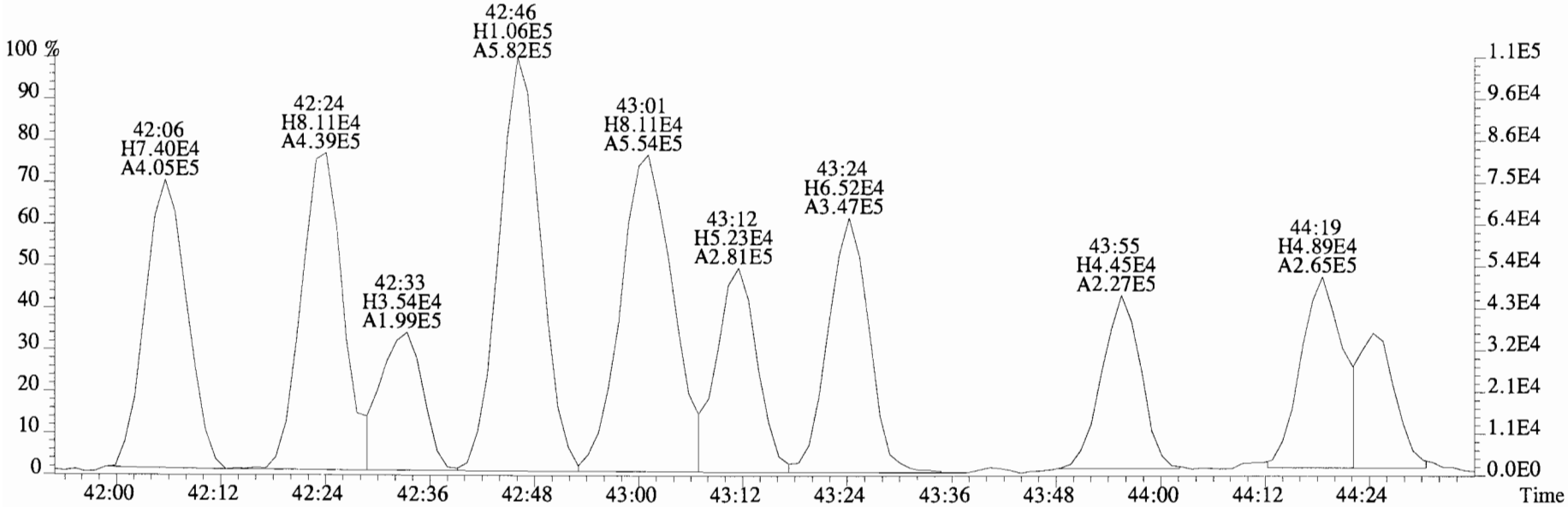
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27000.0,0.00%,F,F)



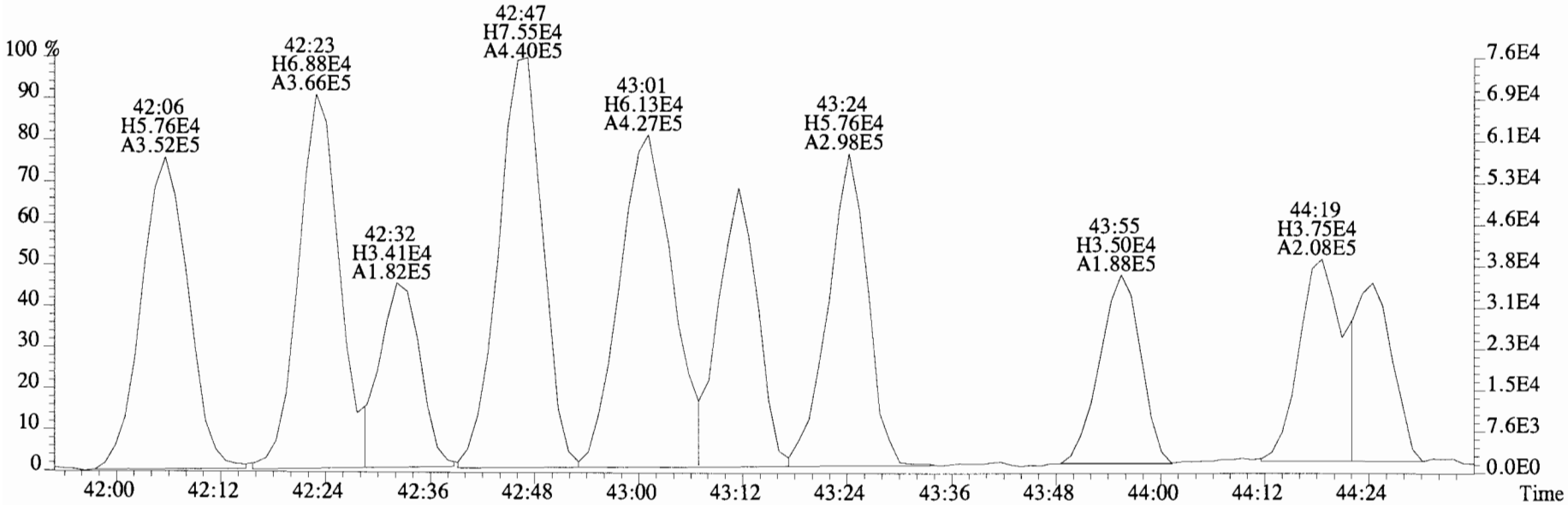
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19336.0,0.00%,F,F)



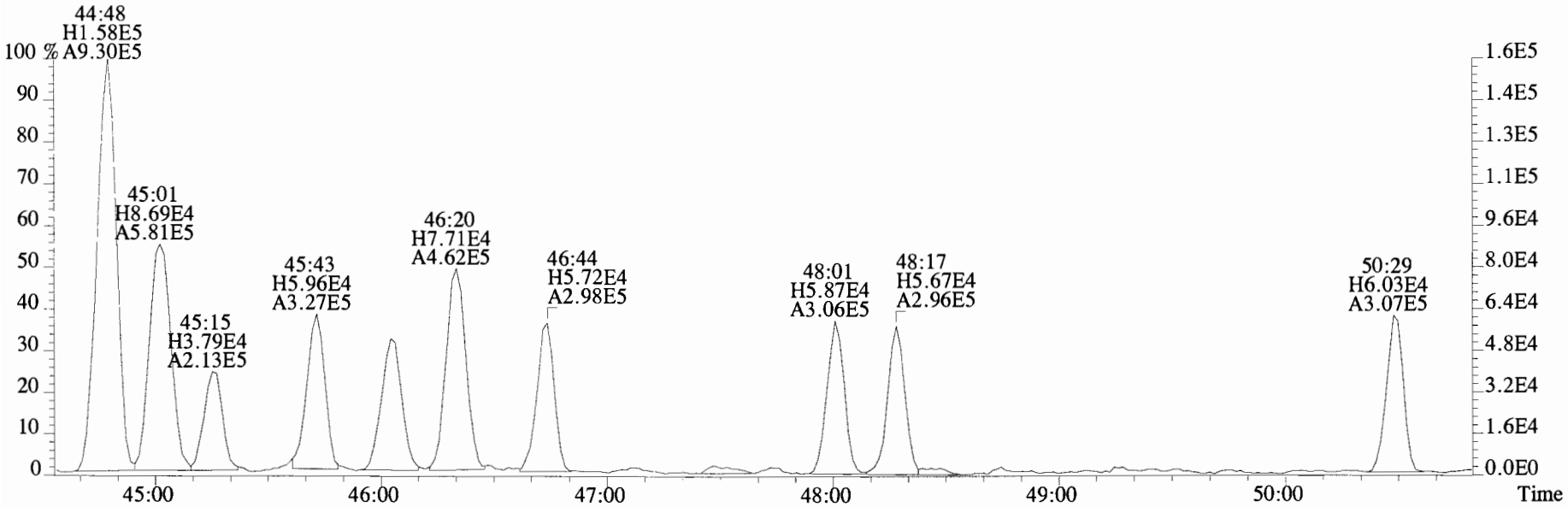
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



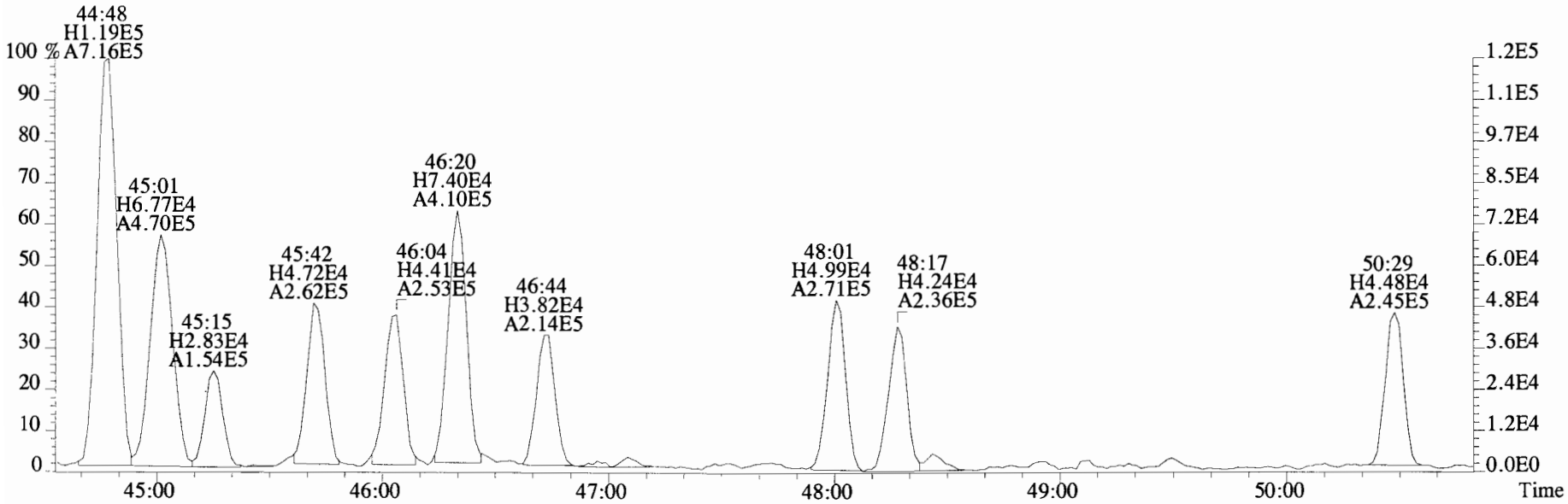
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



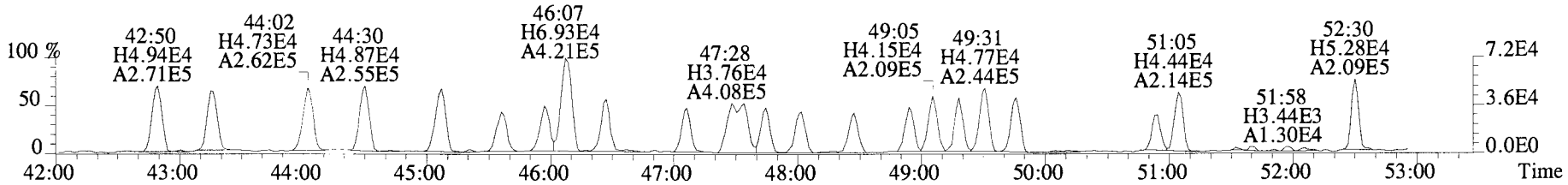
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



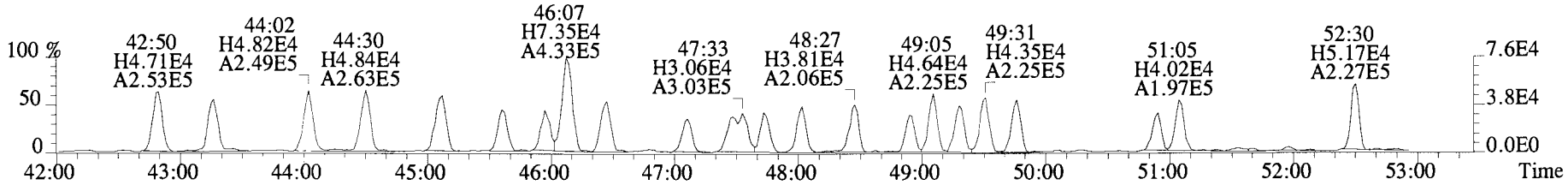
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2408.0,0.00%,F,F)



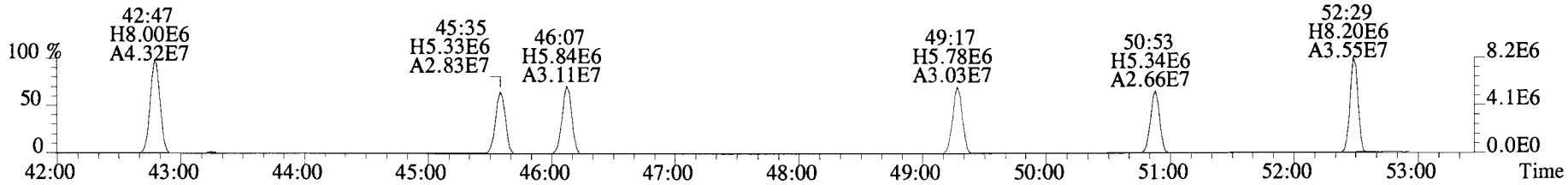
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



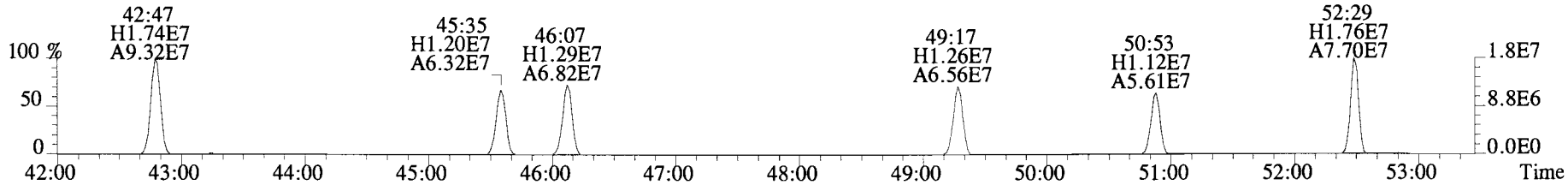
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



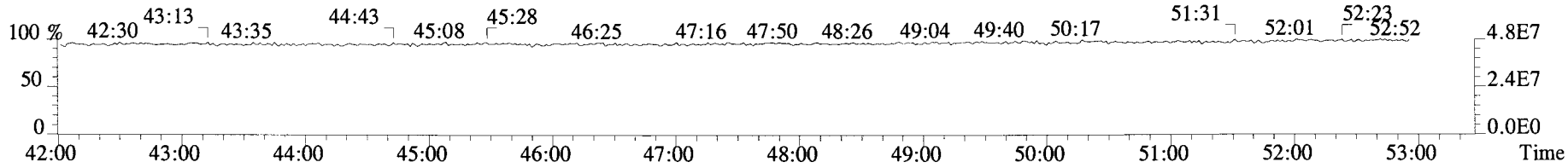
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11636.0,0.00%,F,F)



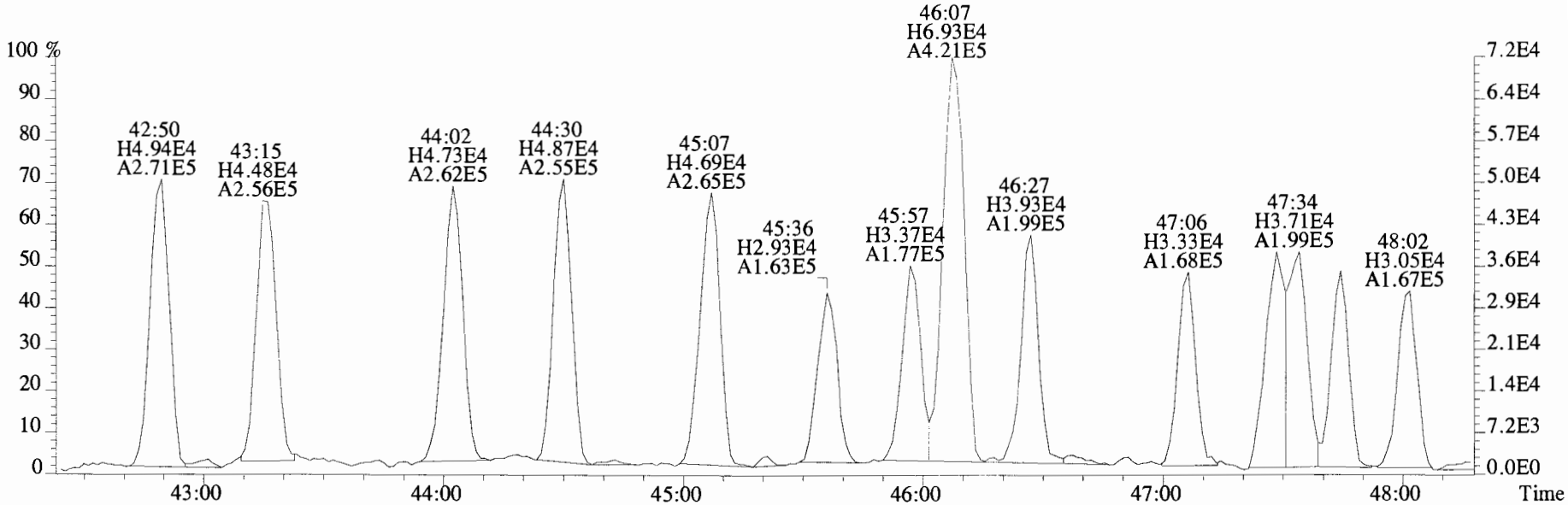
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18176.0,0.00%,F,F)



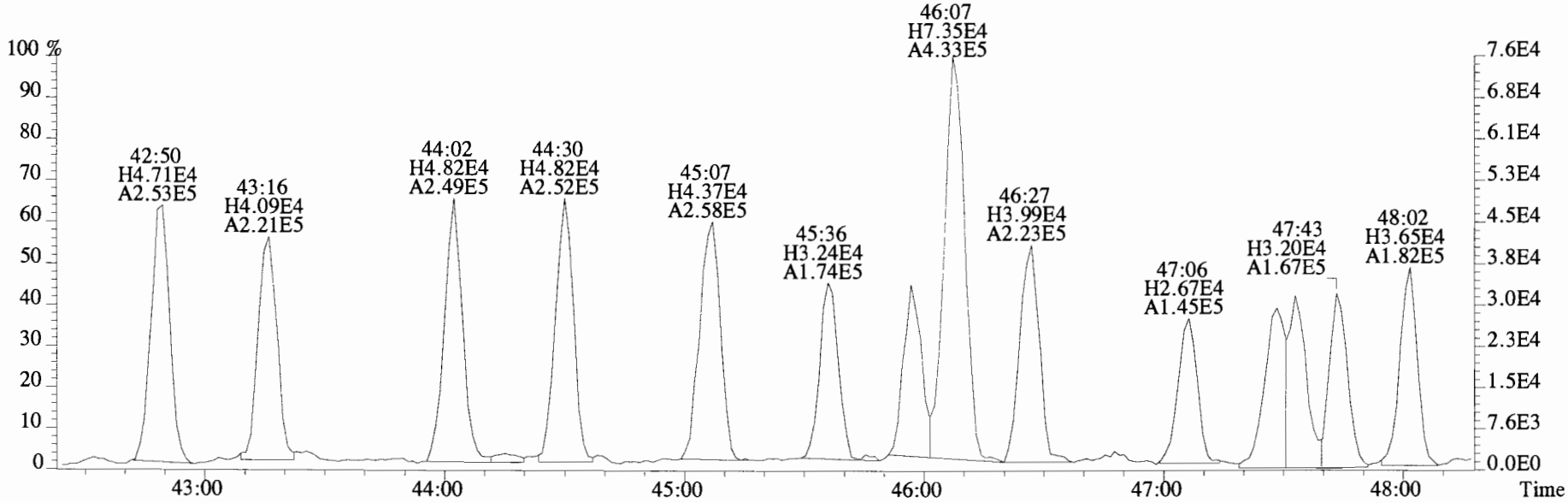
380.9760 F:4



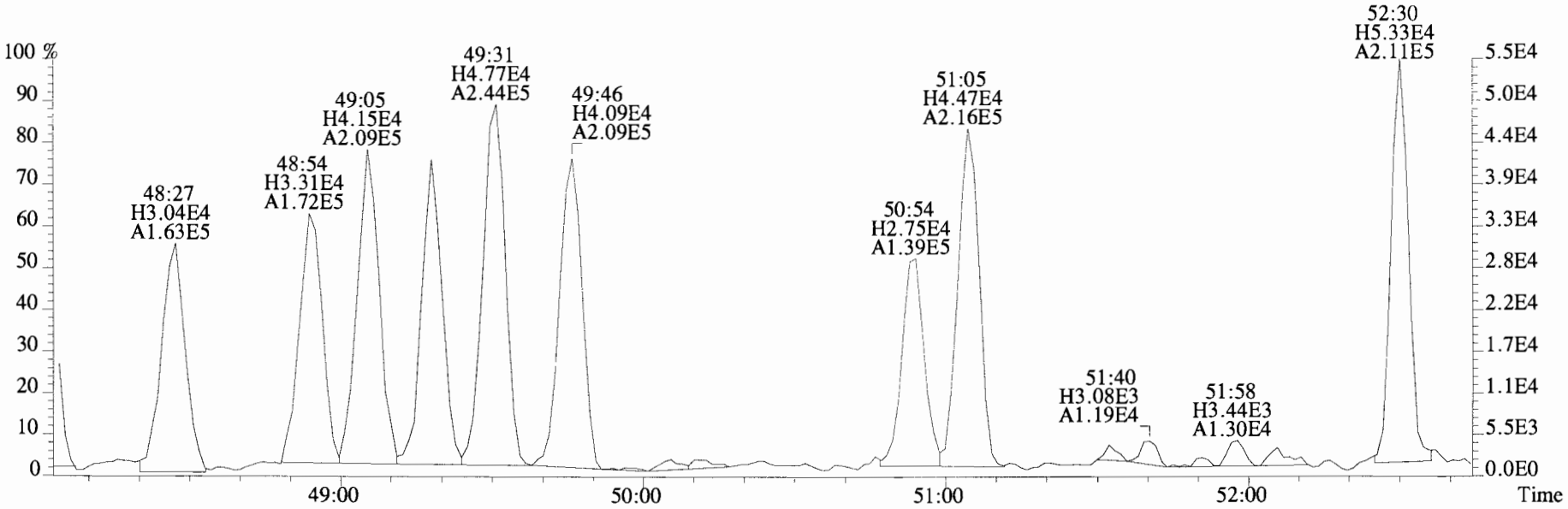
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



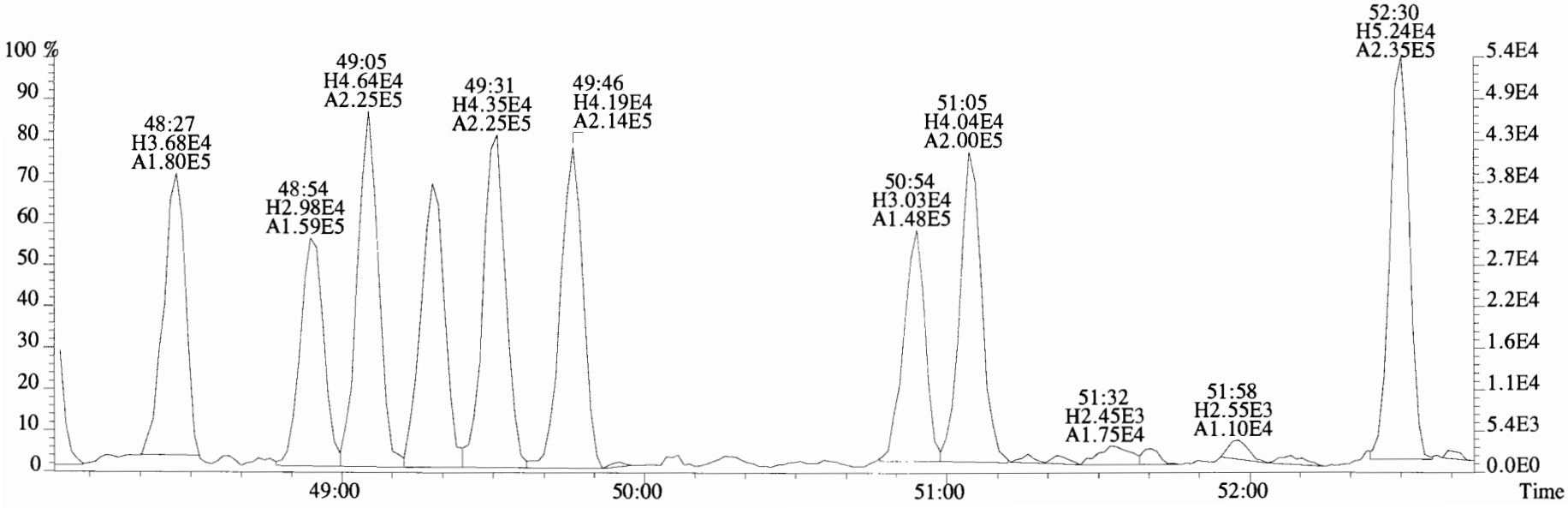
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



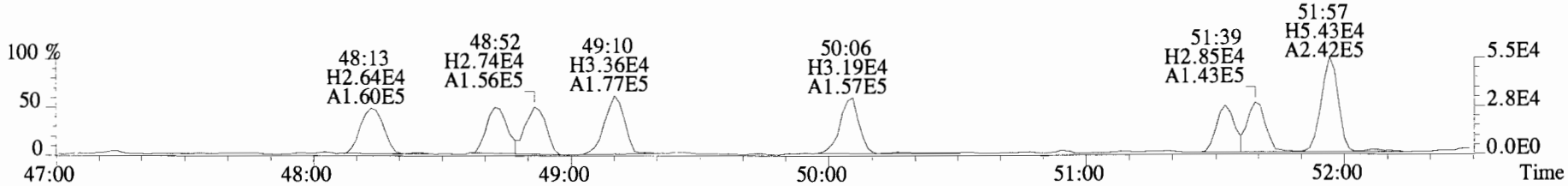
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



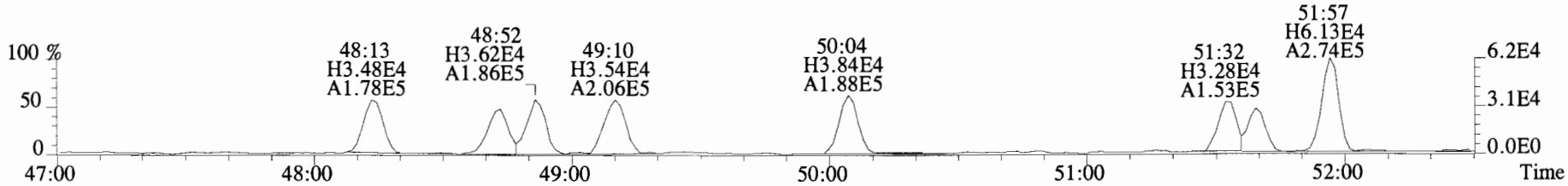
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2312.0,0.00%,F,F)



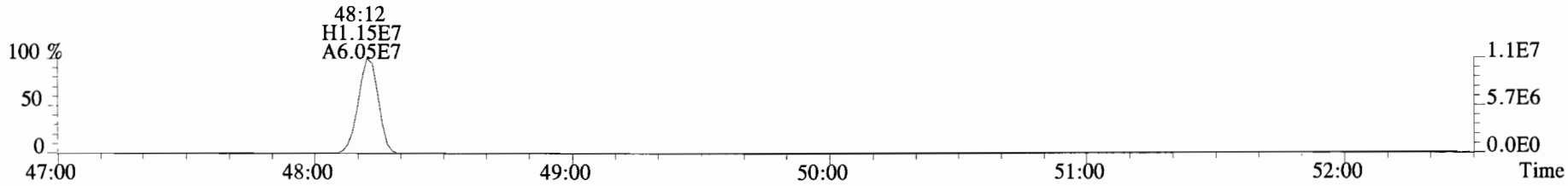
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



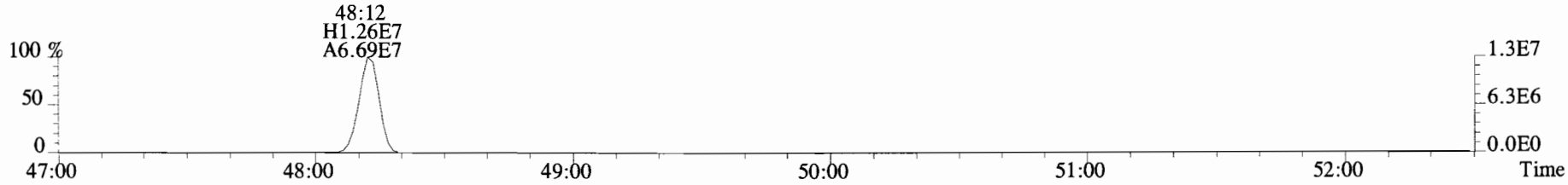
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



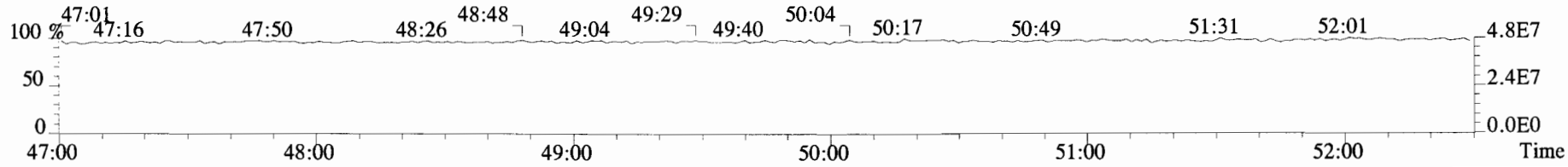
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6124.0,0.00%,F,F)



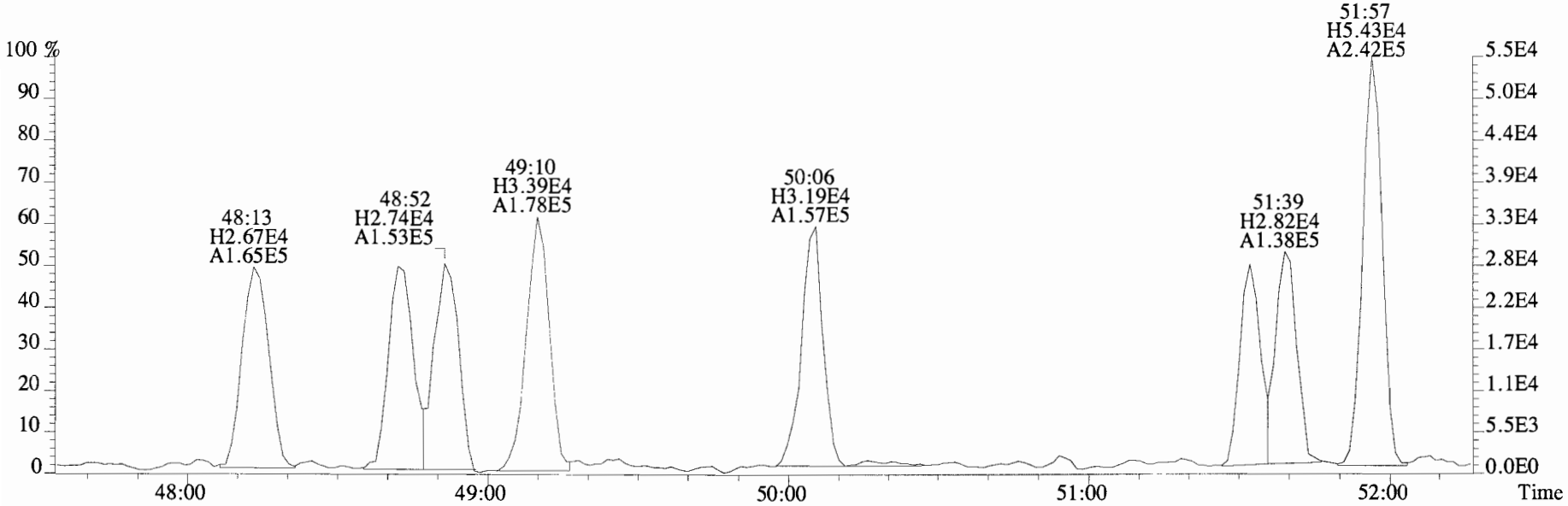
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6860.0,0.00%,F,F)



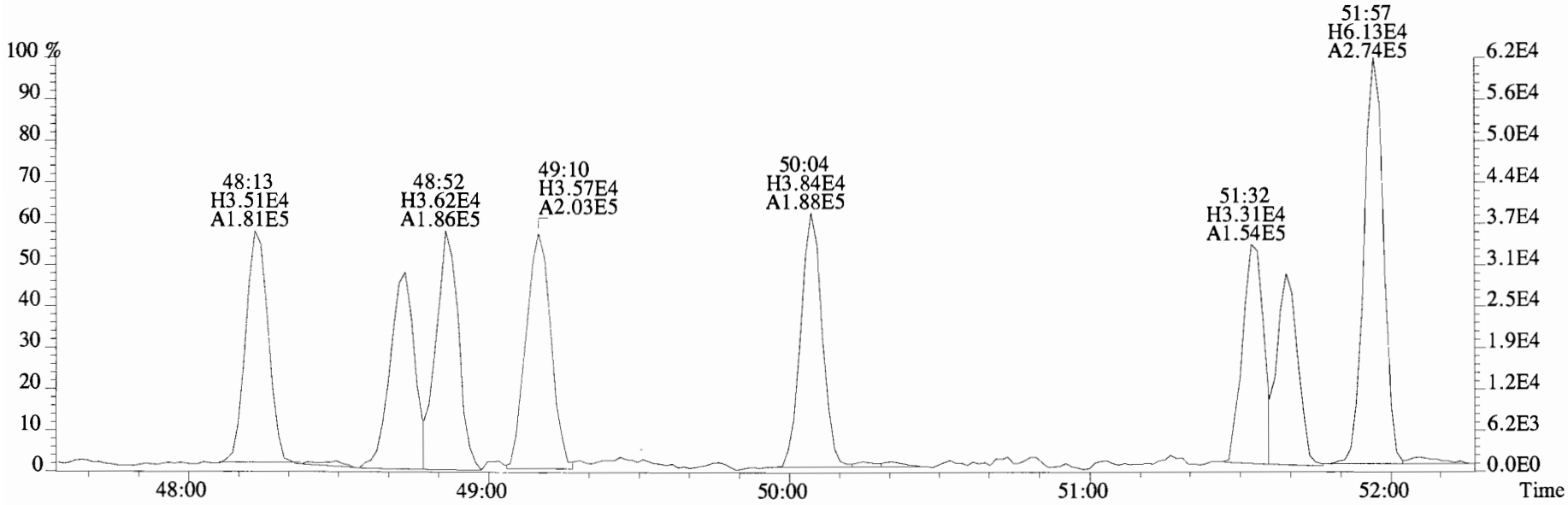
380.9760 F:4



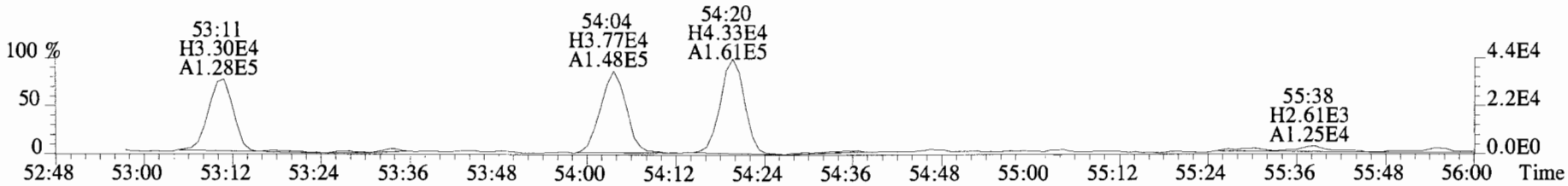
File:180208E1 #1-574 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1984.0,0.00%,F,F)



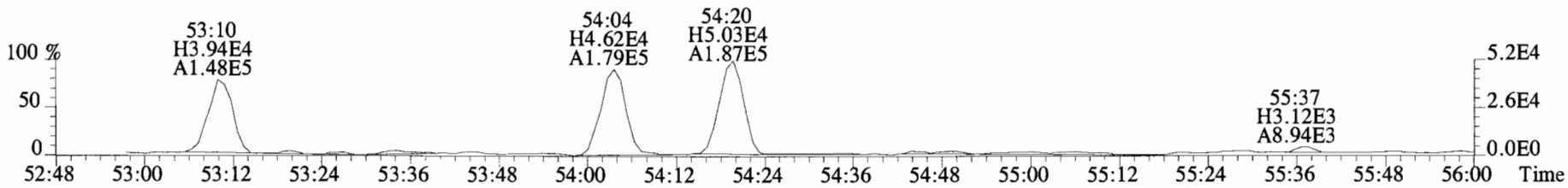
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1992.0,0.00%,F,F)



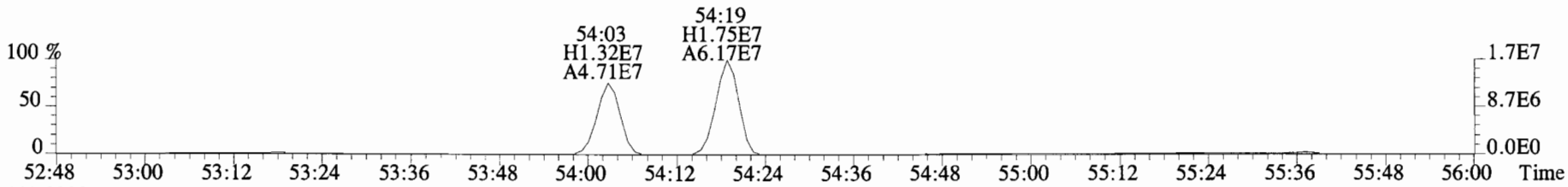
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



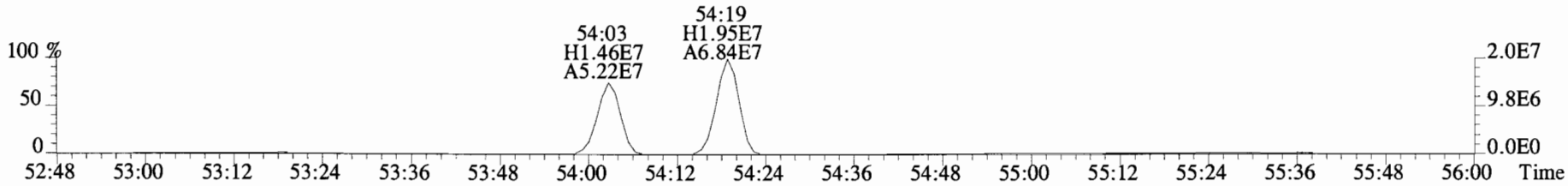
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



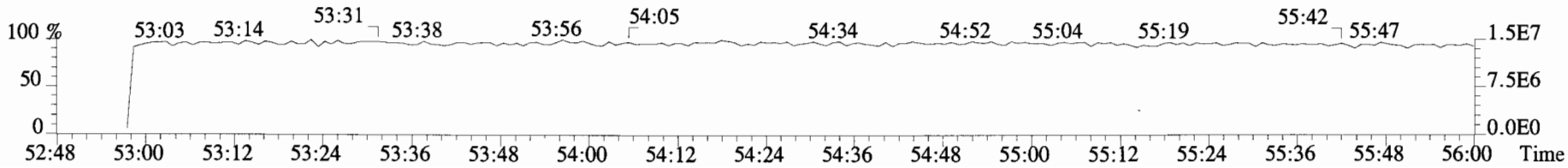
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9204.0,0.00%,F,F)



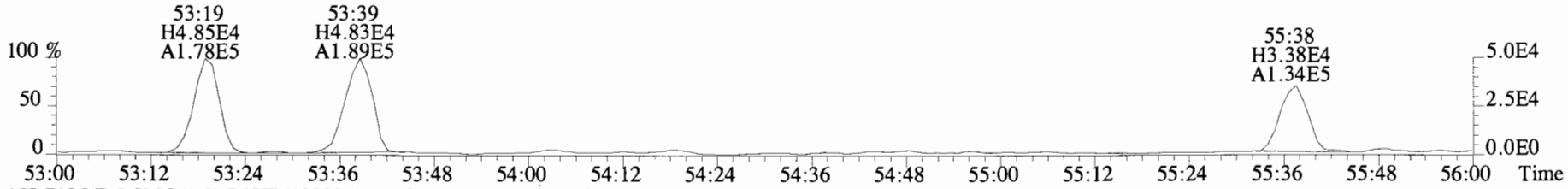
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13472.0,0.00%,F,F)



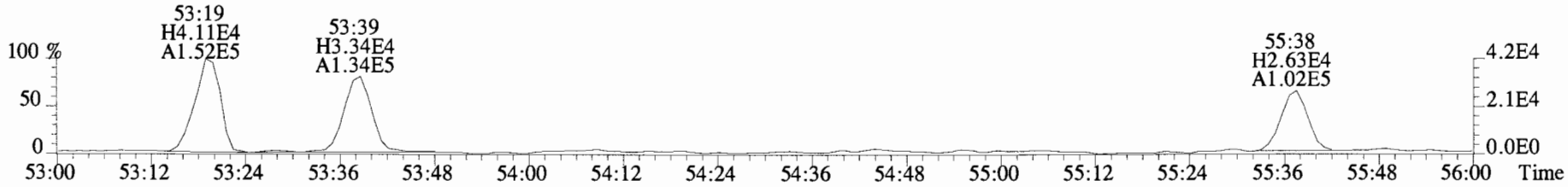
492.9697 F:5



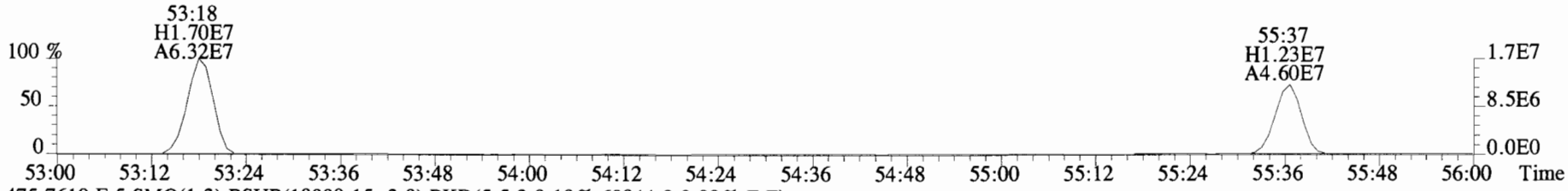
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



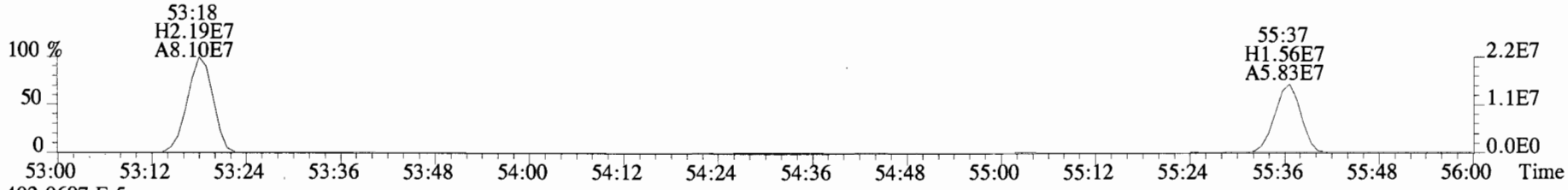
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



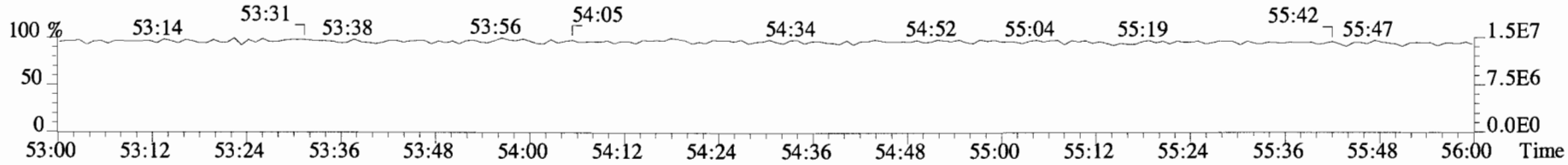
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60792.0,0.00%,F,F)



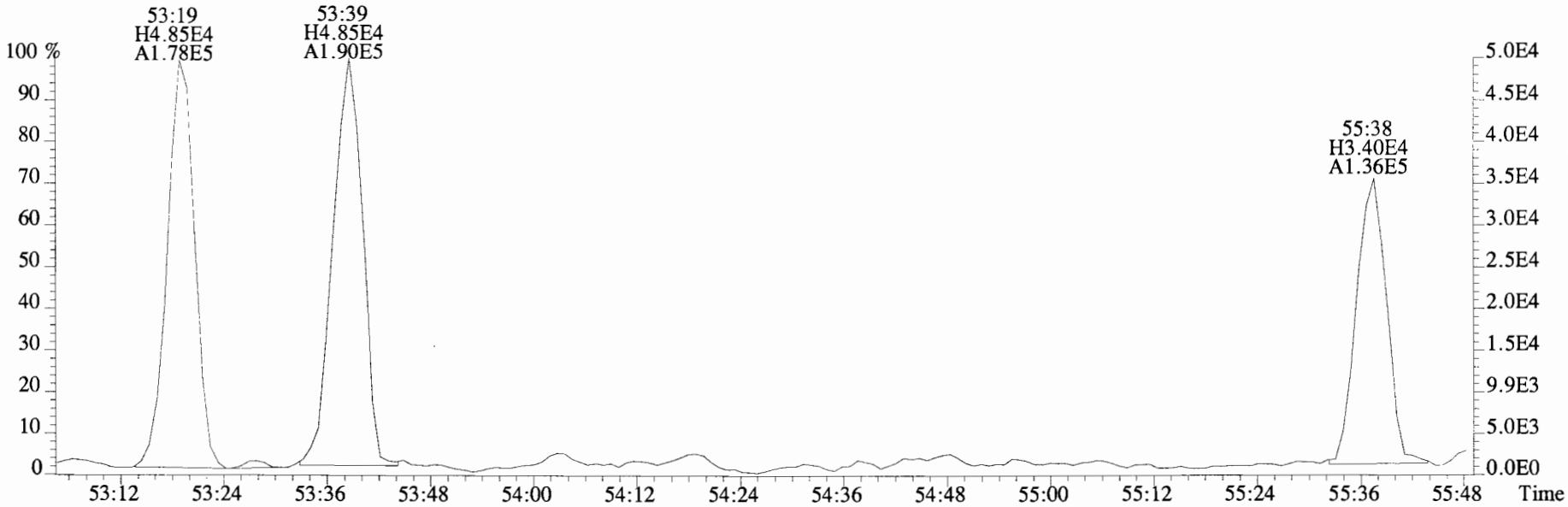
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,69044.0,0.00%,F,F)



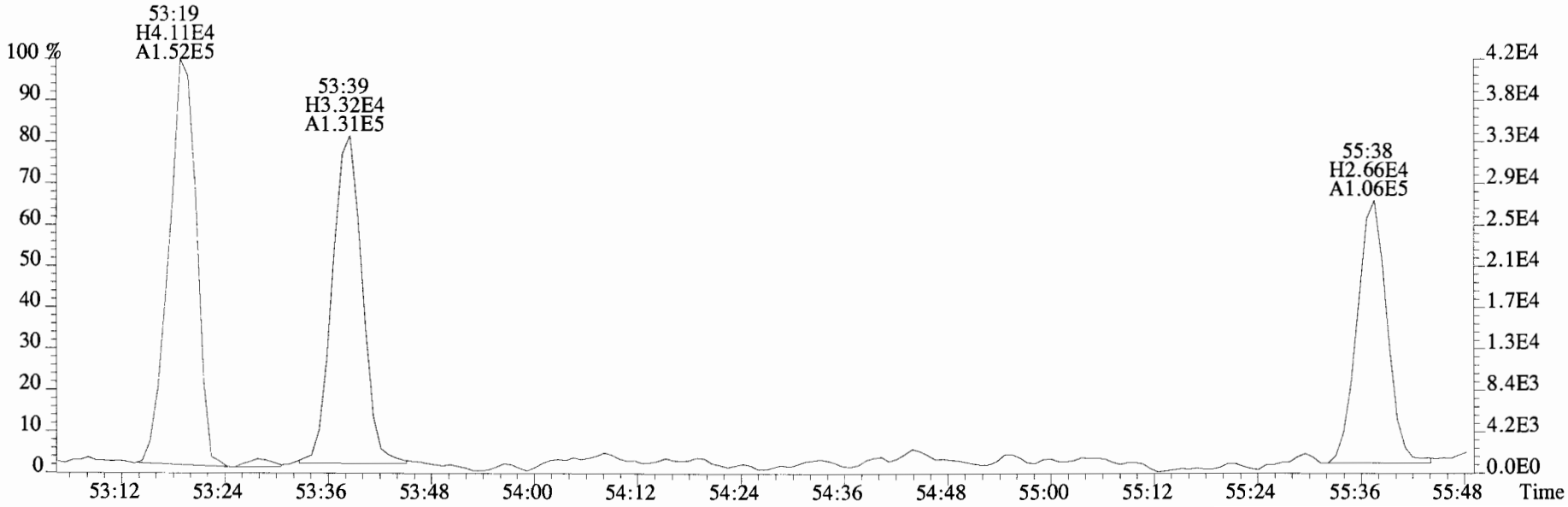
492.9697 F:5



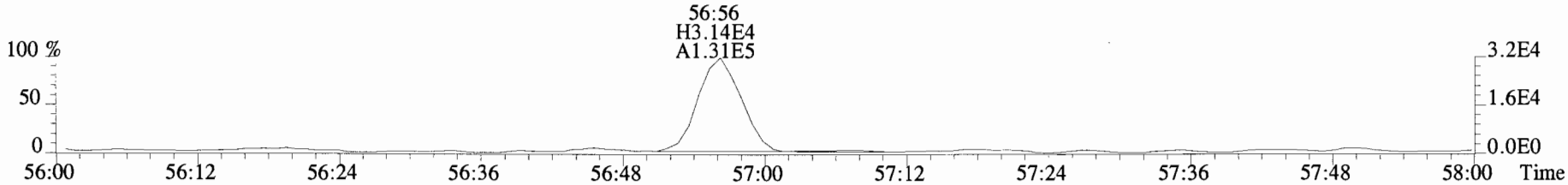
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



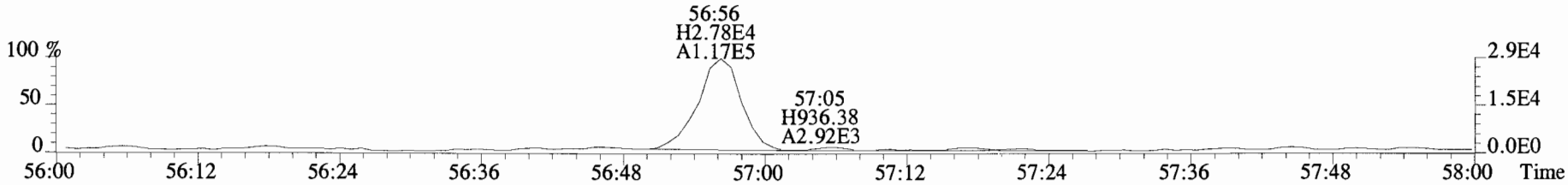
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



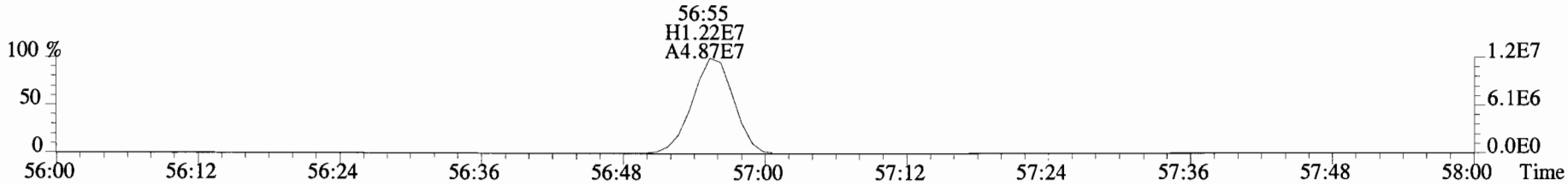
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



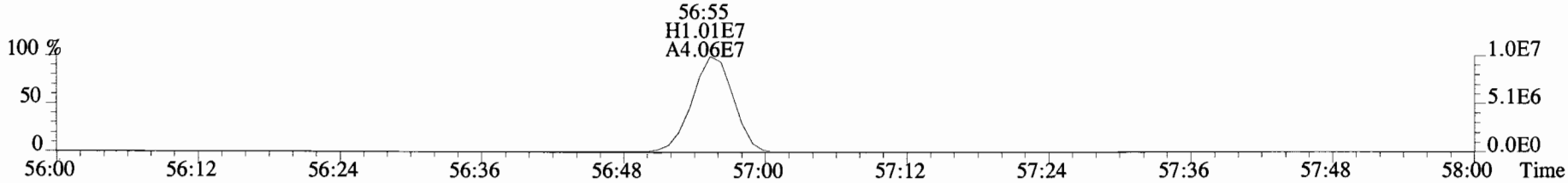
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



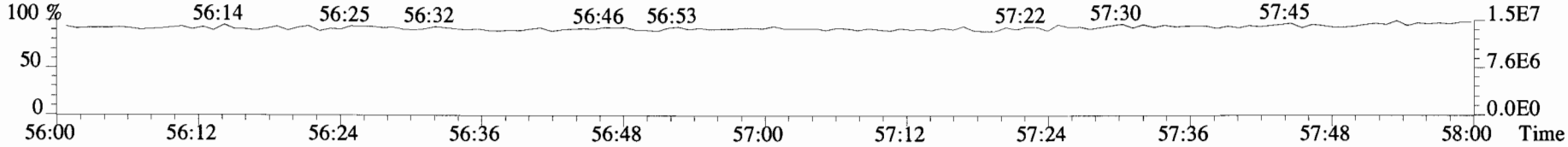
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



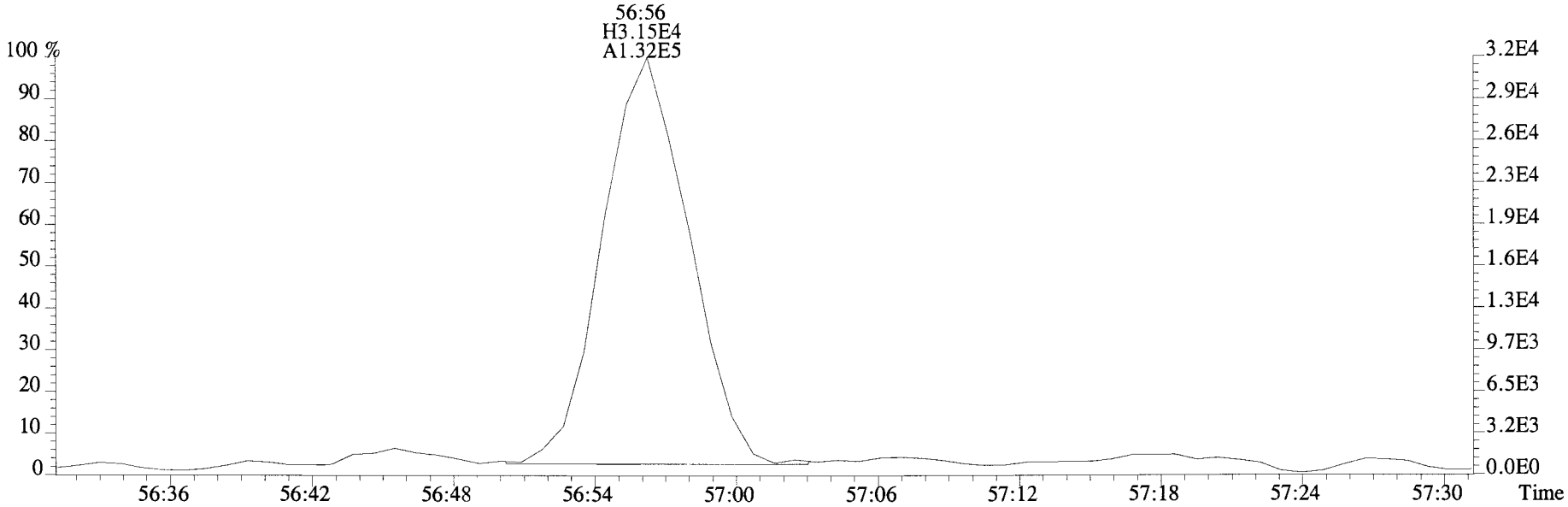
511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



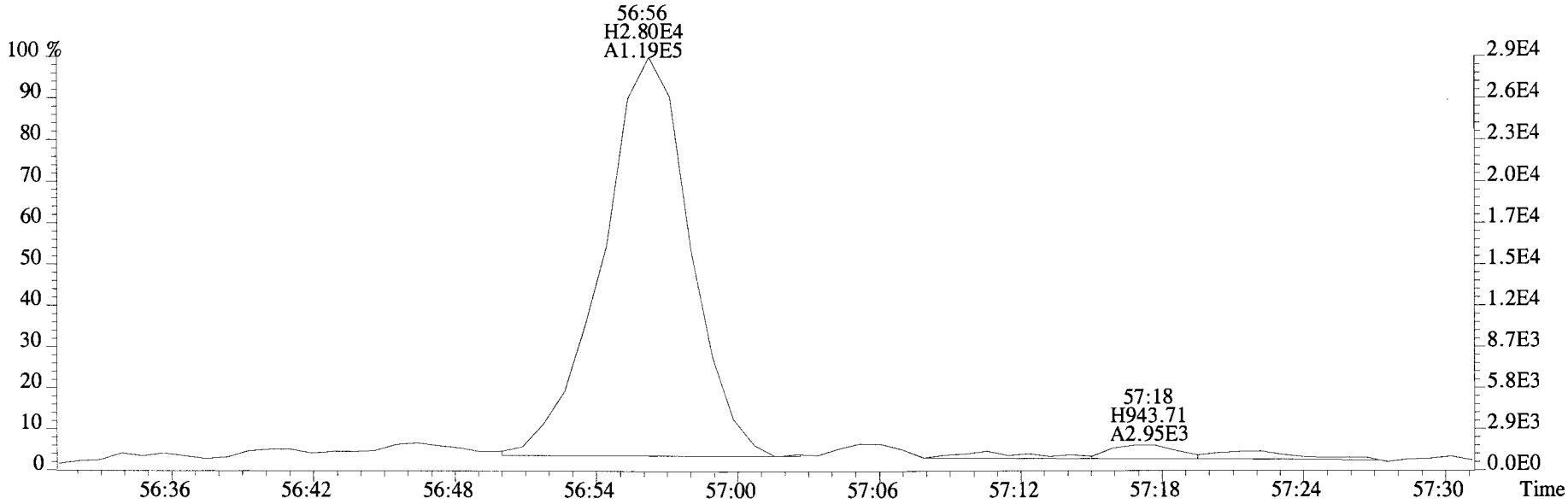
492.9697 F:5



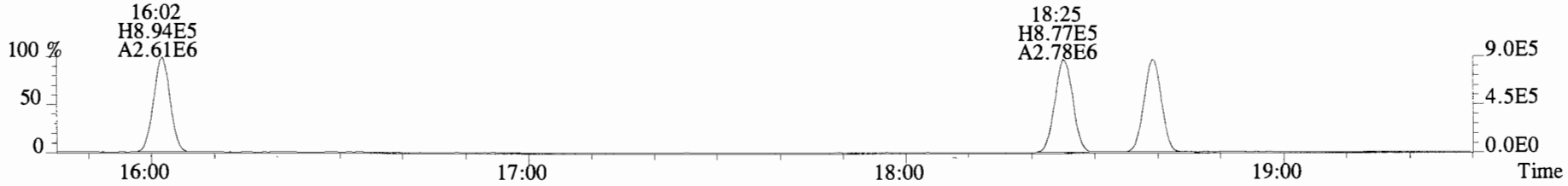
File:180208E1 #1-407 Acq: 8-FEB-2018 08:34:42 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-1 PCB CS0 17L3003 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



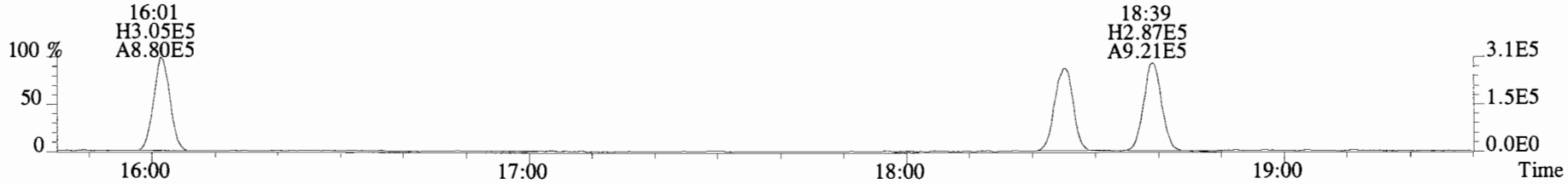
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



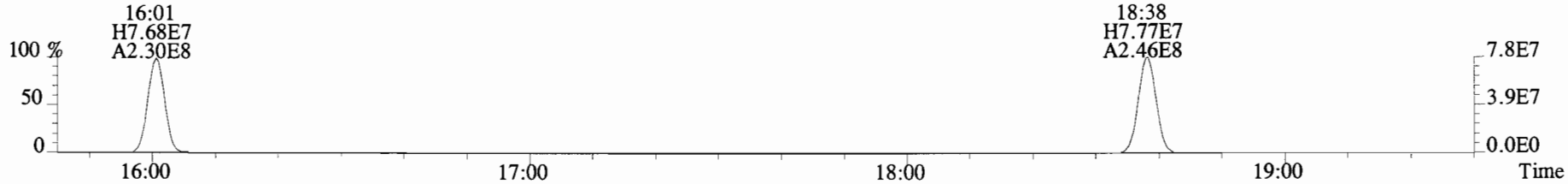
File:180208E1 #1-866 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9444.0,0.00%,F,F)



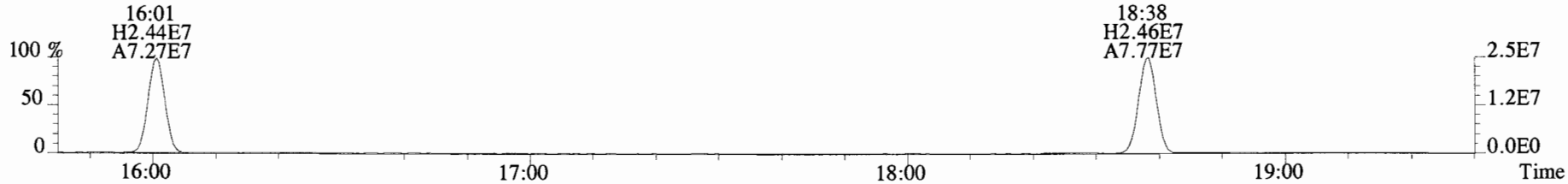
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5396.0,0.00%,F,F)



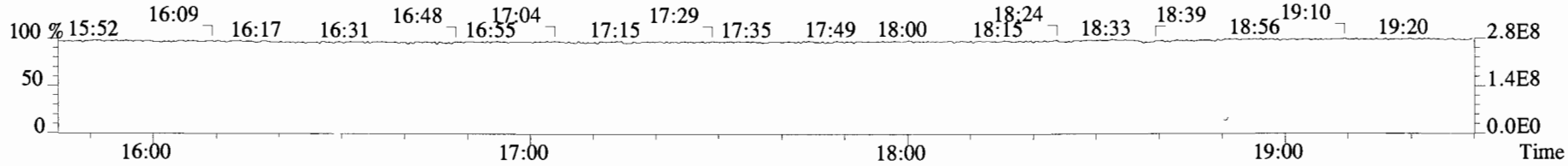
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8352.0,0.00%,F,F)



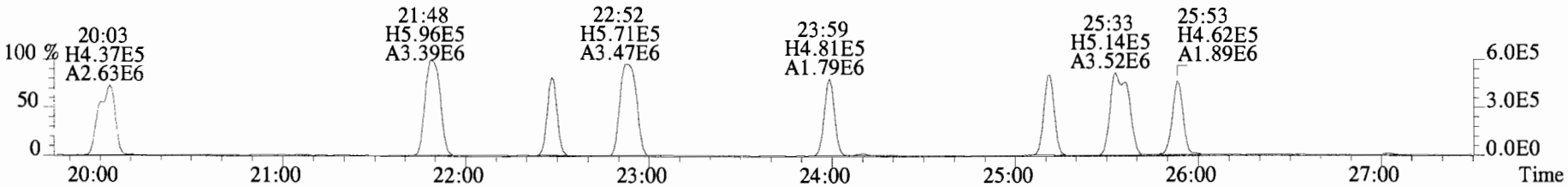
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,98792.0,0.00%,F,F)



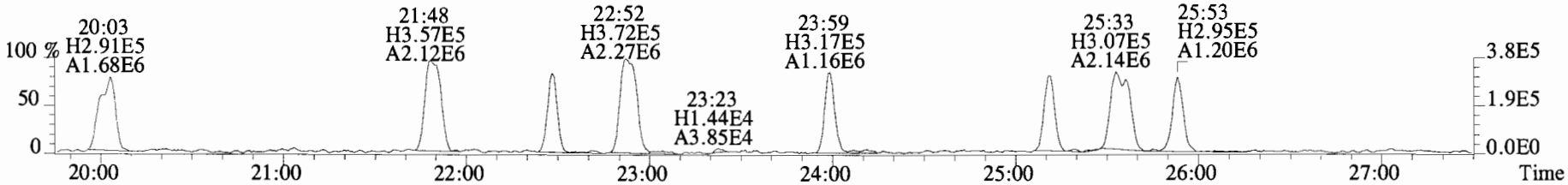
180.9880 S:2



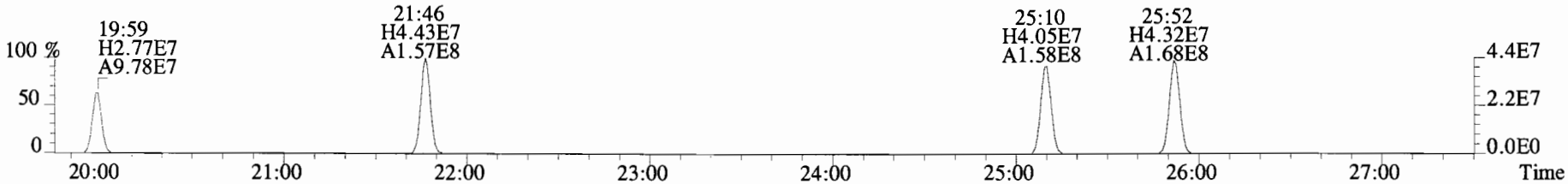
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



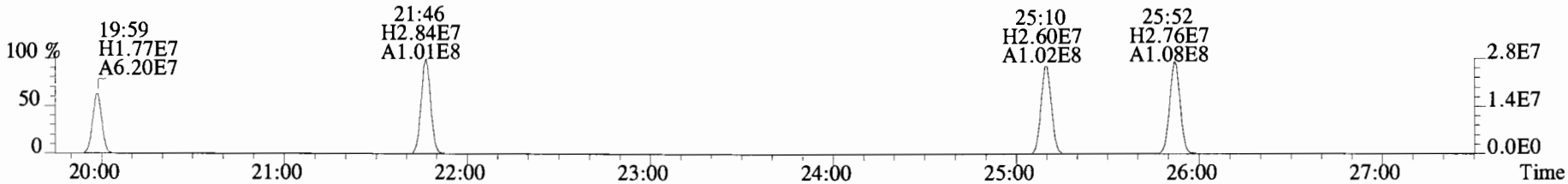
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14612.0,0.00%,F,F)



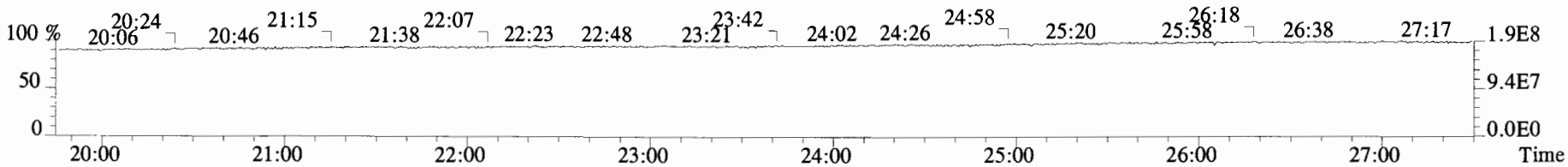
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5004.0,0.00%,F,F)



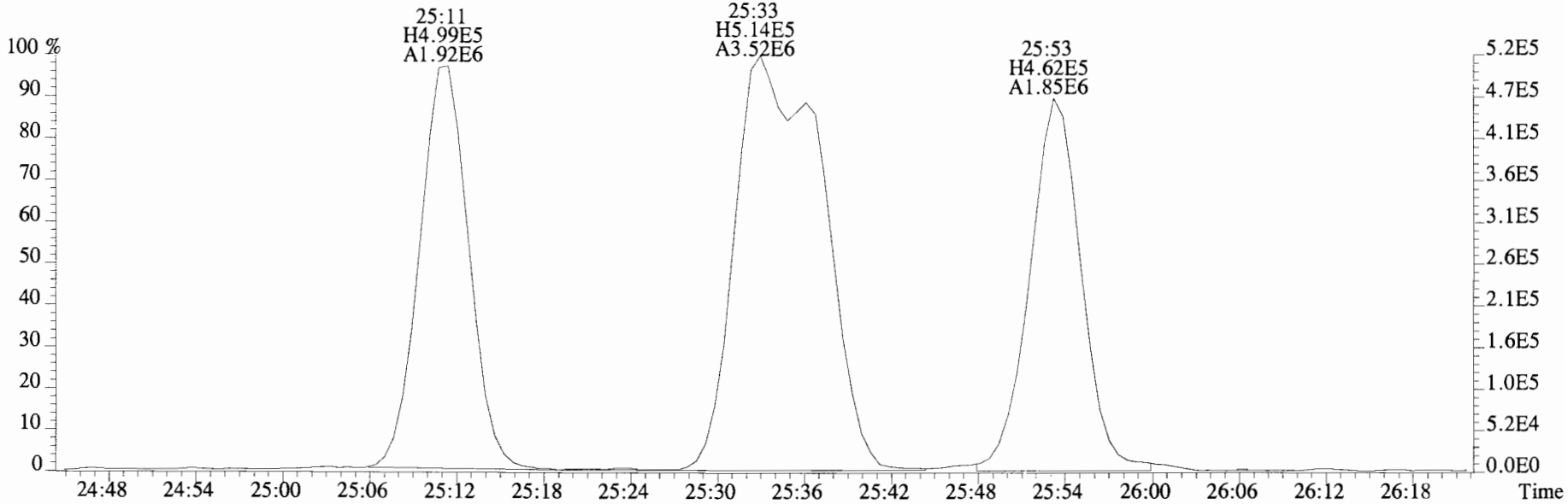
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4752.0,0.00%,F,F)



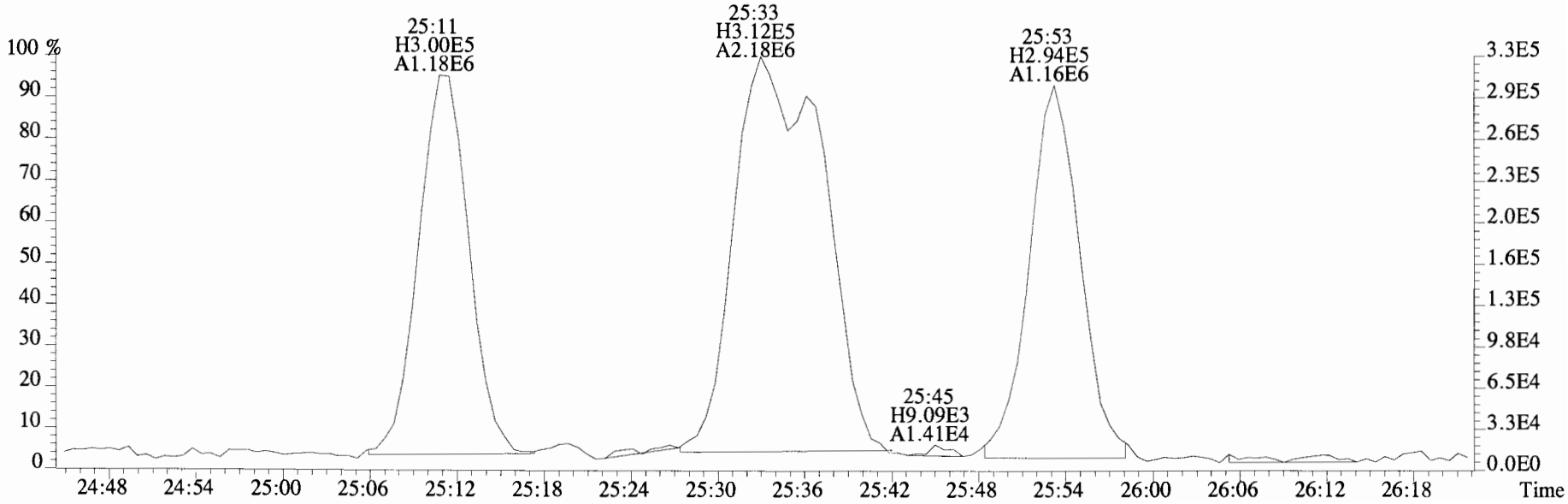
230.9856 S:2 F:2



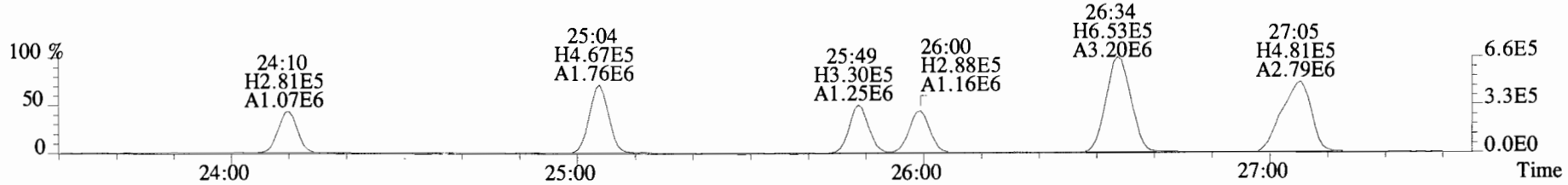
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



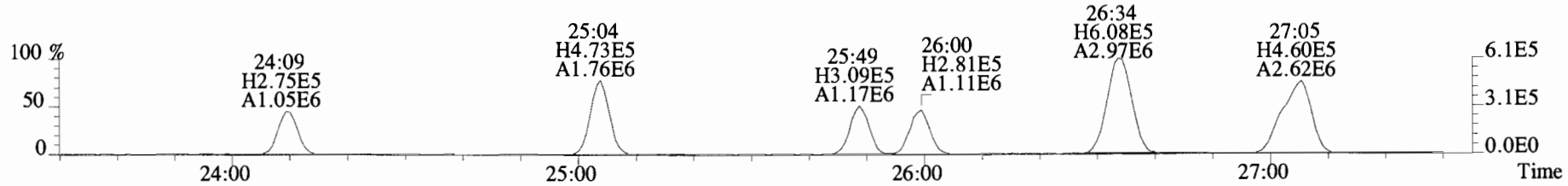
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14612.0,0.00%,F,F)



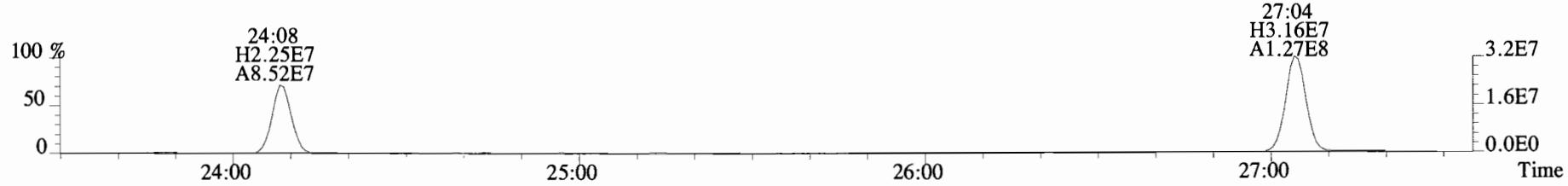
File:180208E1 #1-757 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4452.0,0.00%,F,F)



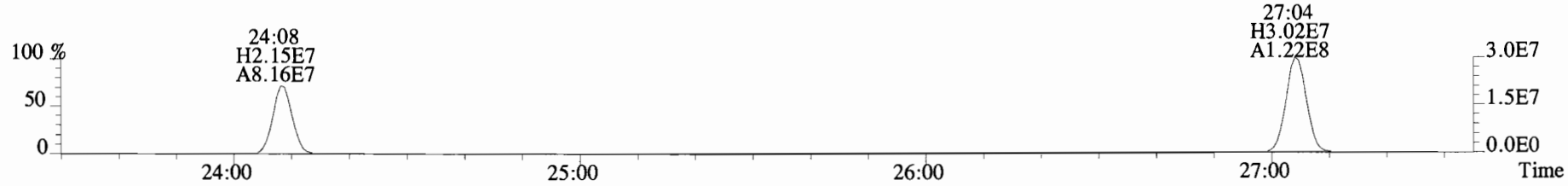
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2916.0,0.00%,F,F)



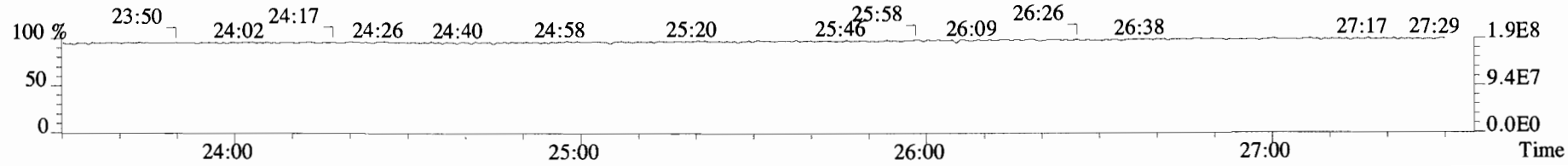
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87396.0,0.00%,F,F)



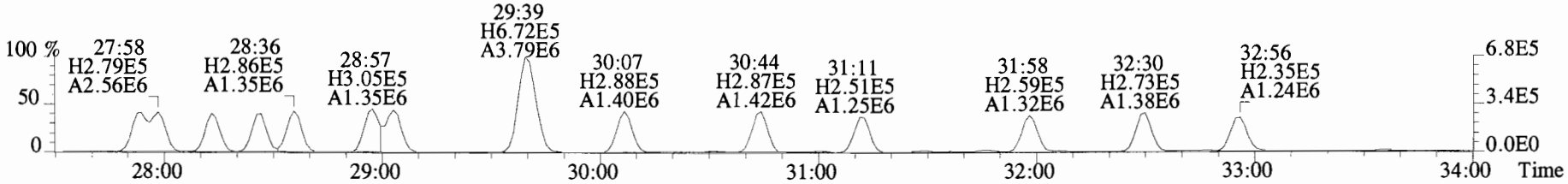
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40132.0,0.00%,F,F)



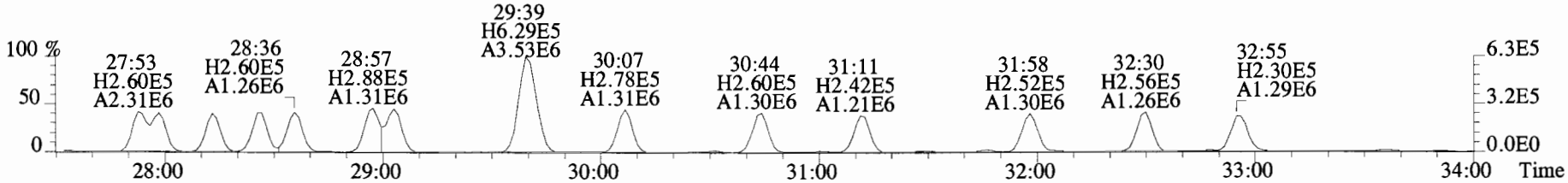
230.9856 S:2 F:2



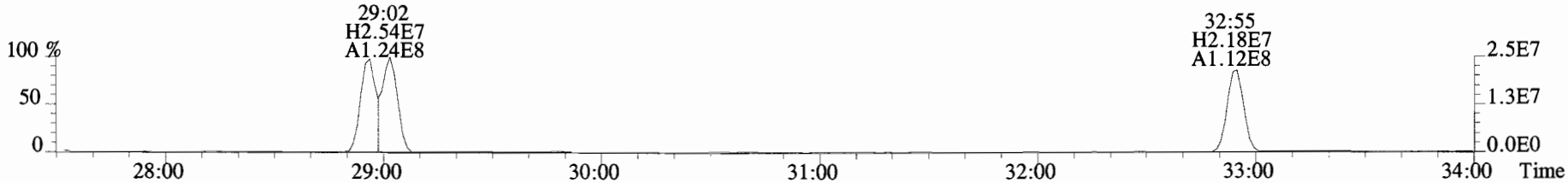
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



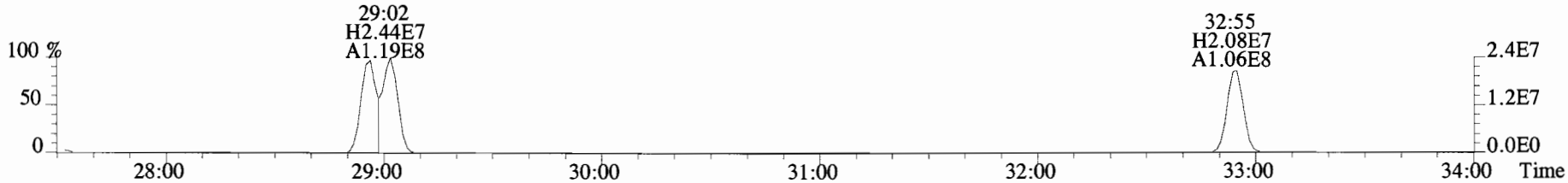
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



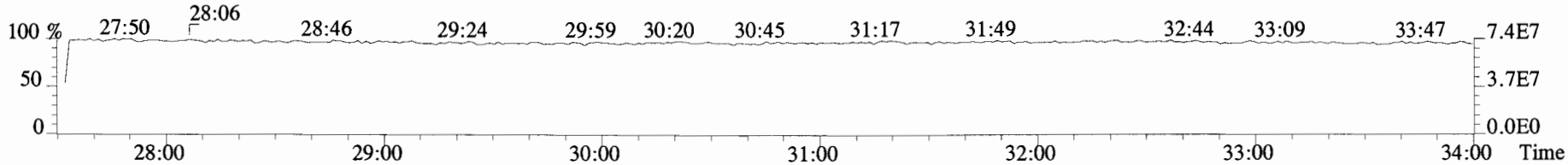
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94516.0,0.00%,F,F)



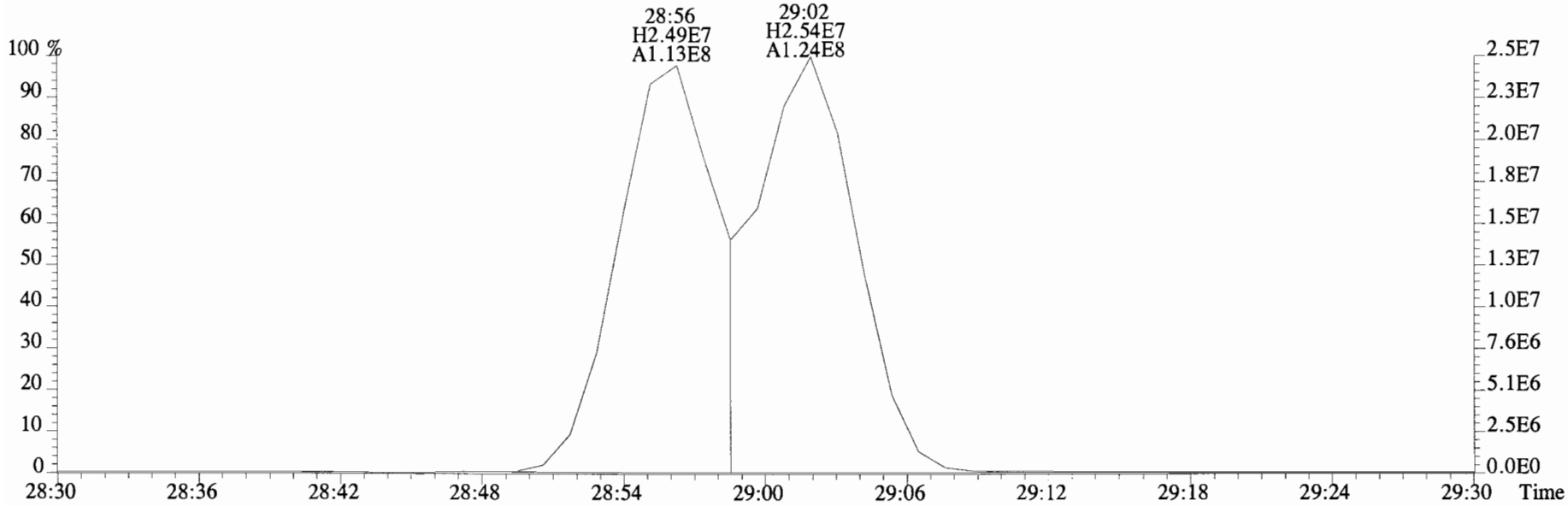
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25944.0,0.00%,F,F)



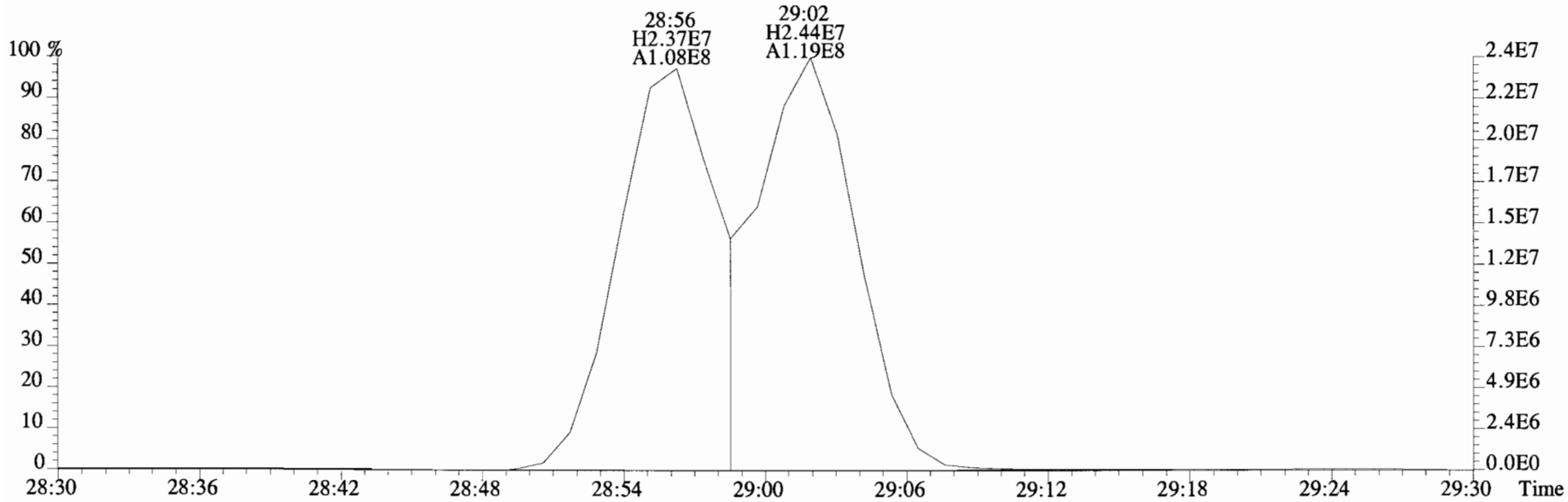
330.9792 S:2 F:3



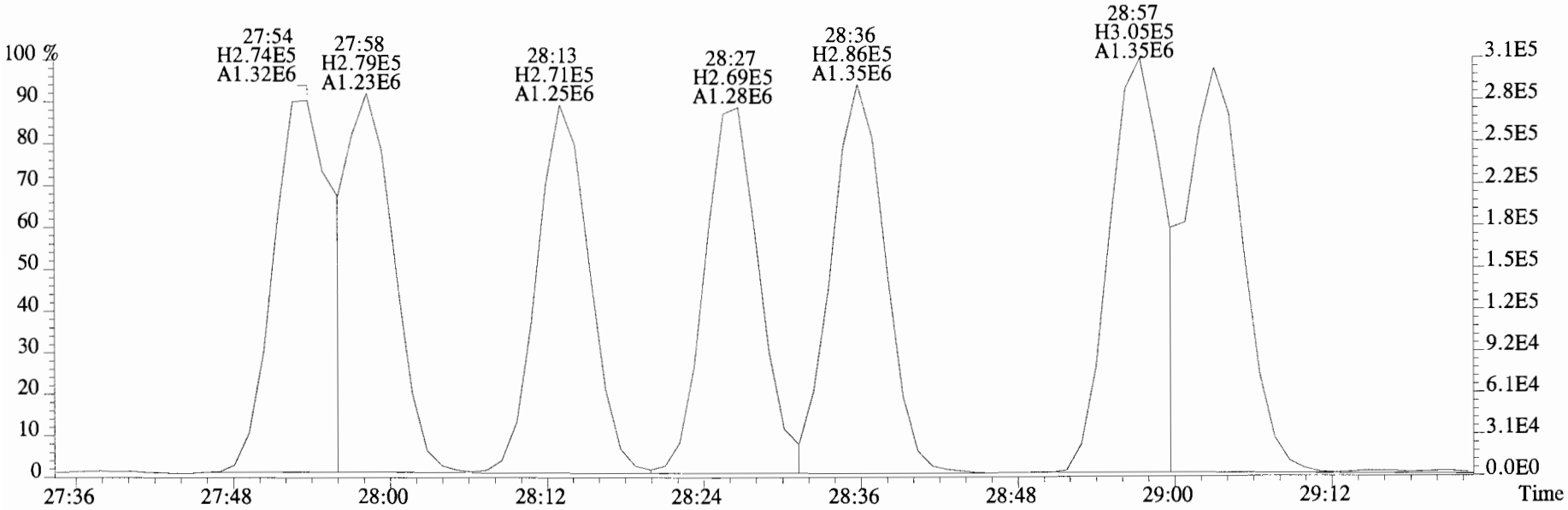
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94516.0,0.00%,F,F)



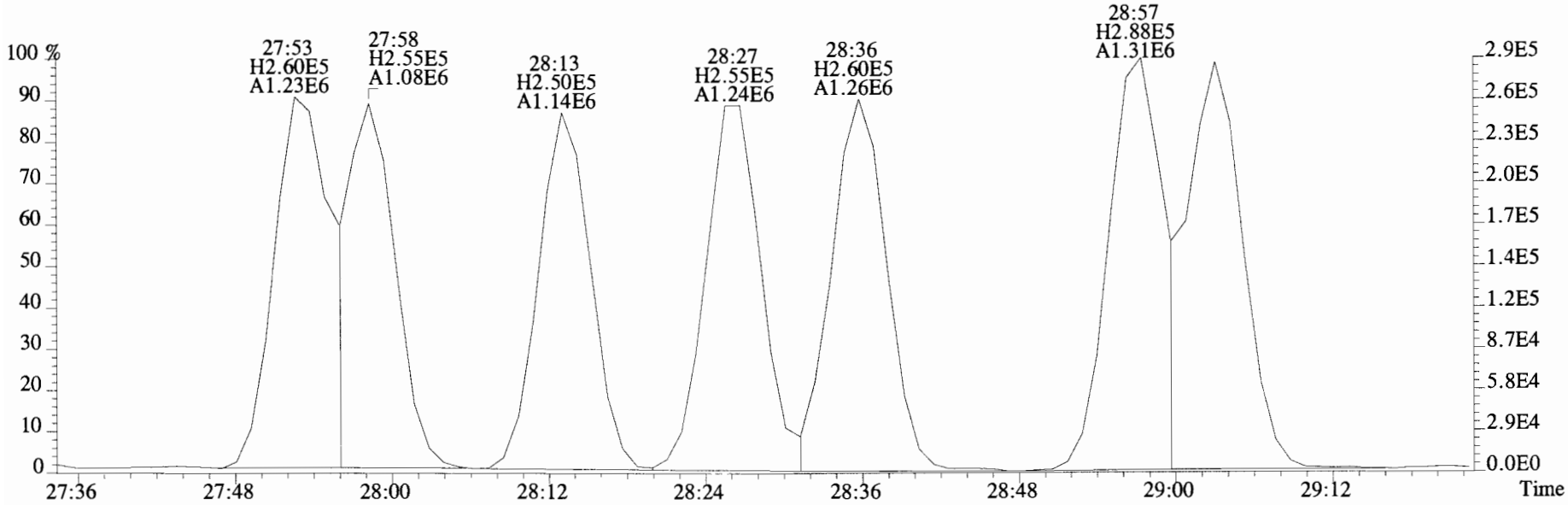
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25944.0,0.00%,F,F)



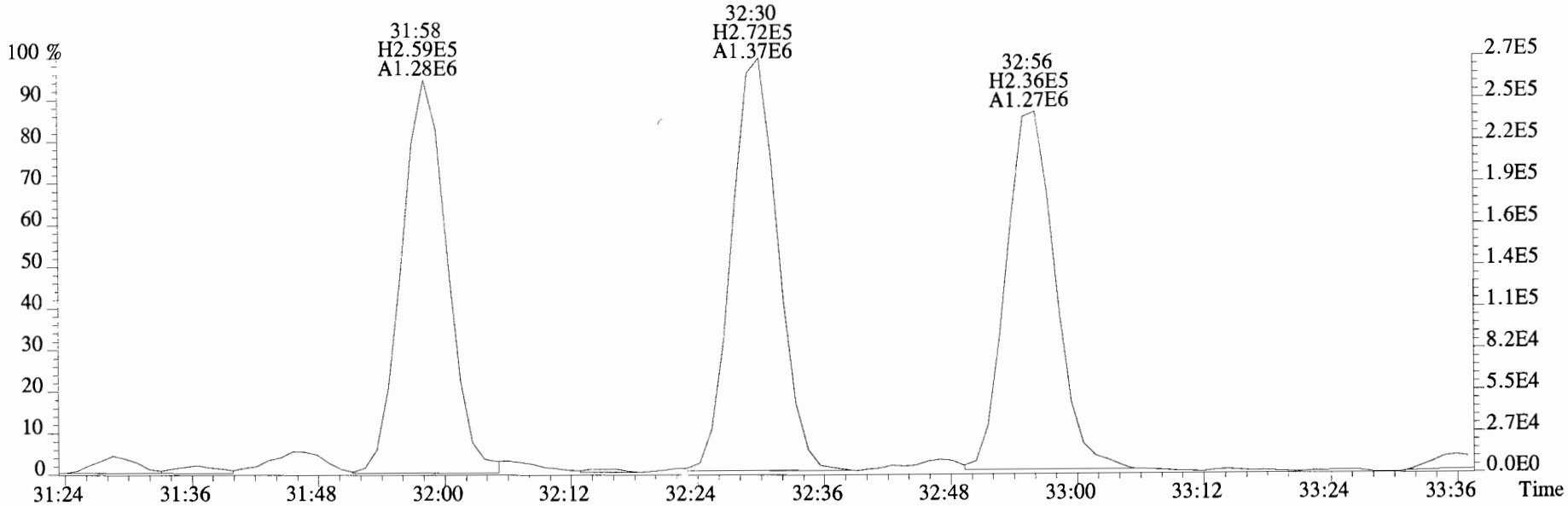
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



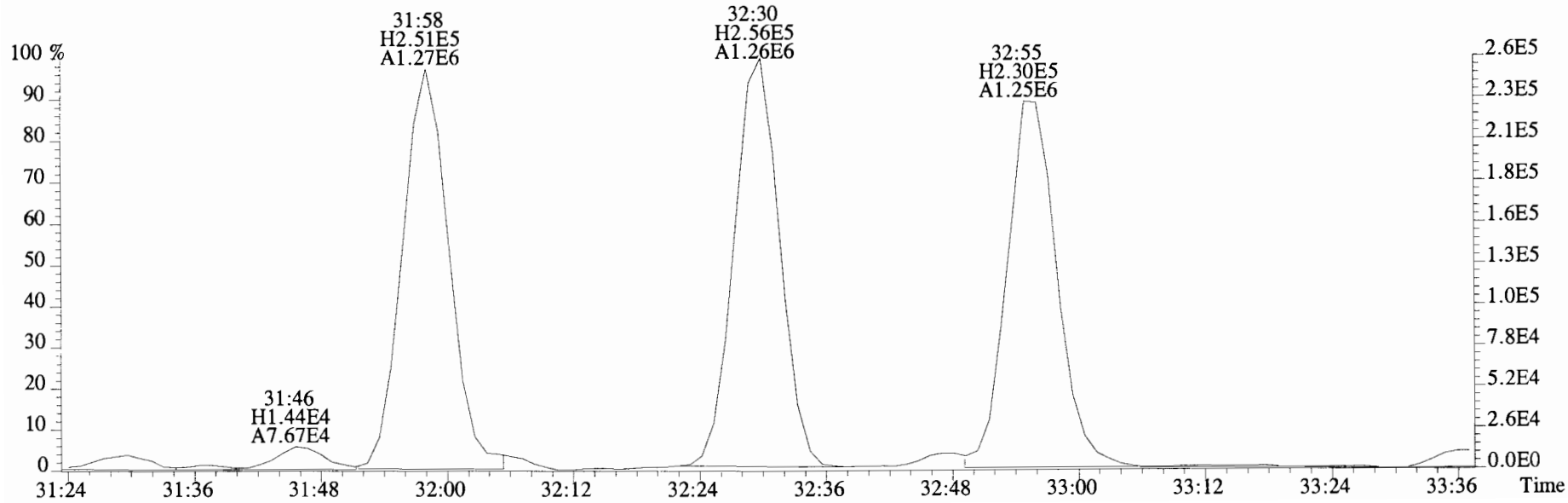
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



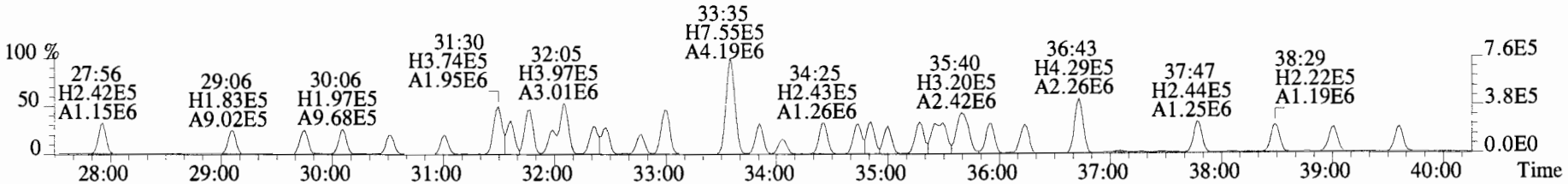
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4016.0,0.00%,F,F)



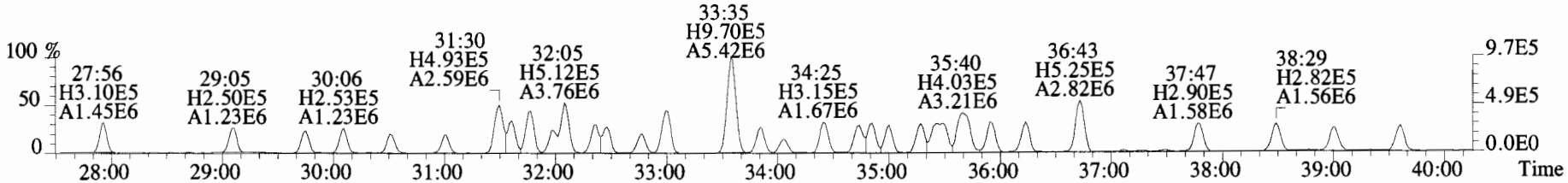
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3072.0,0.00%,F,F)



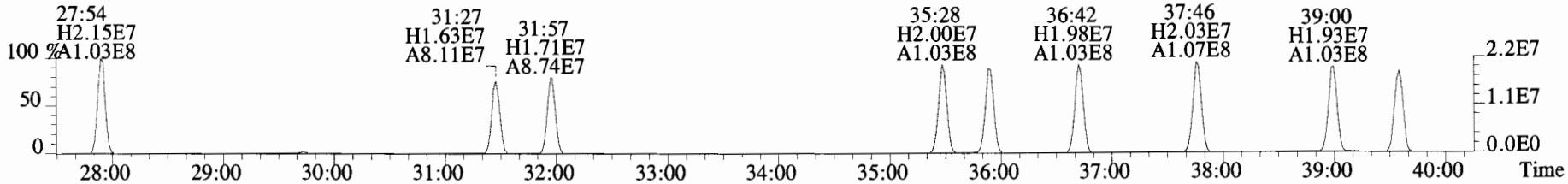
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



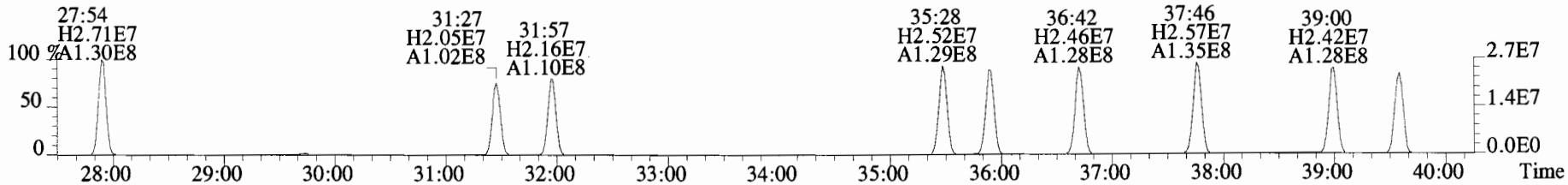
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



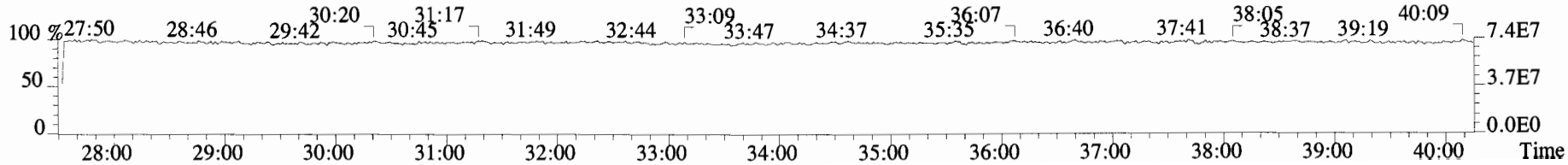
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



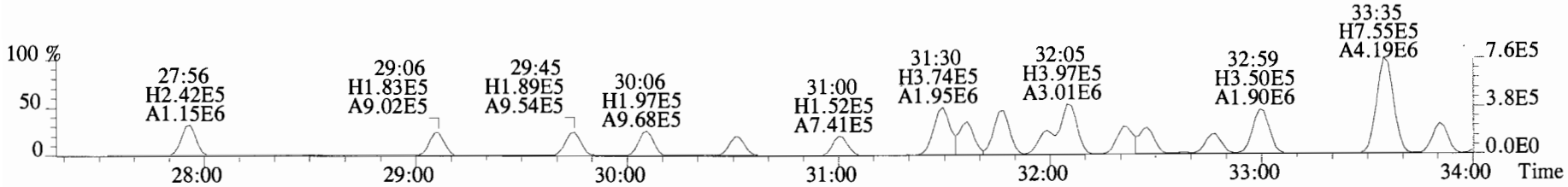
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



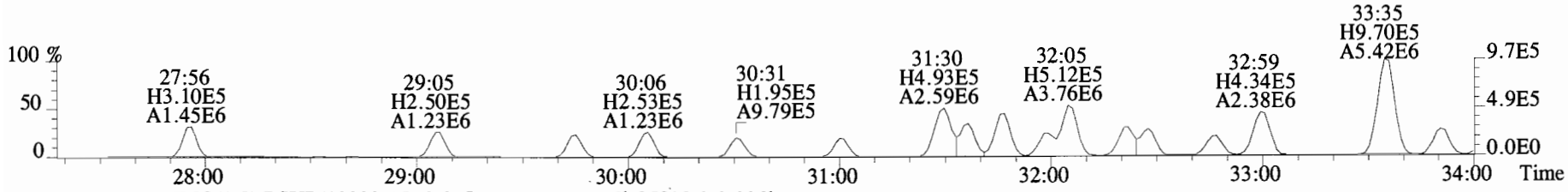
330.9792 S:2 F:3



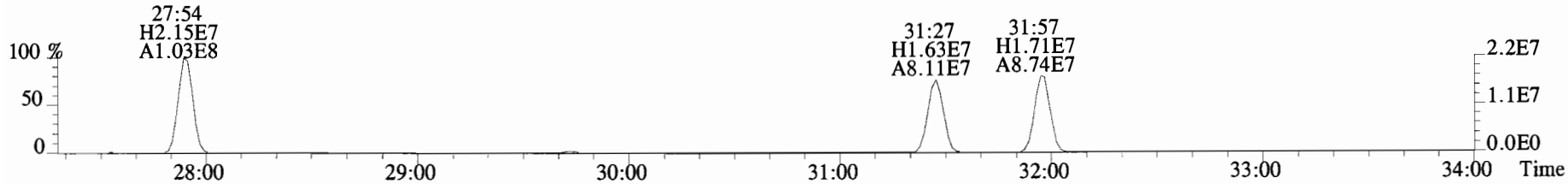
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



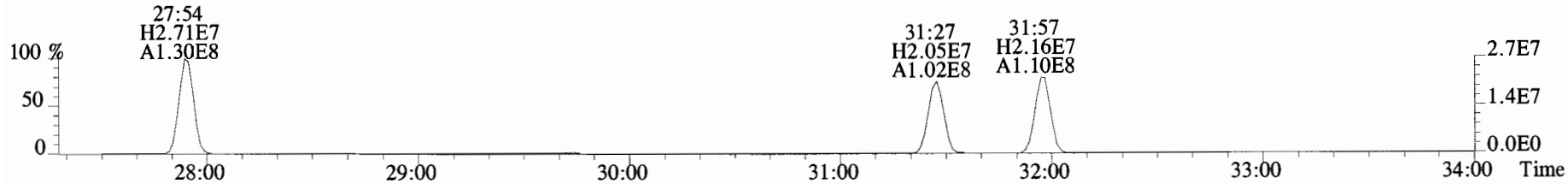
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



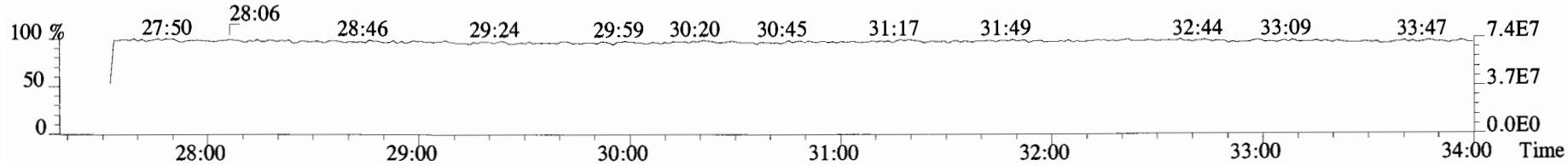
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



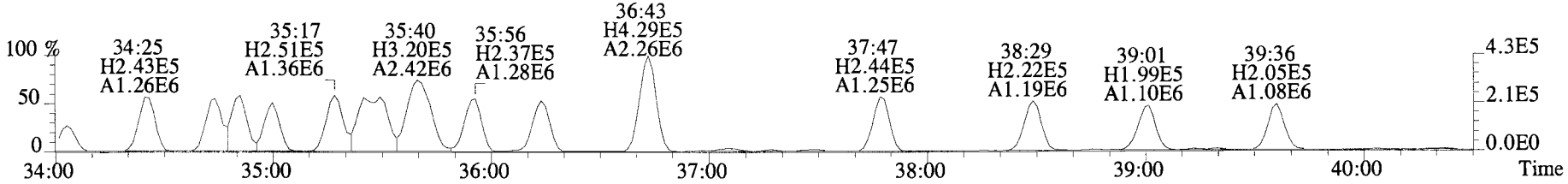
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



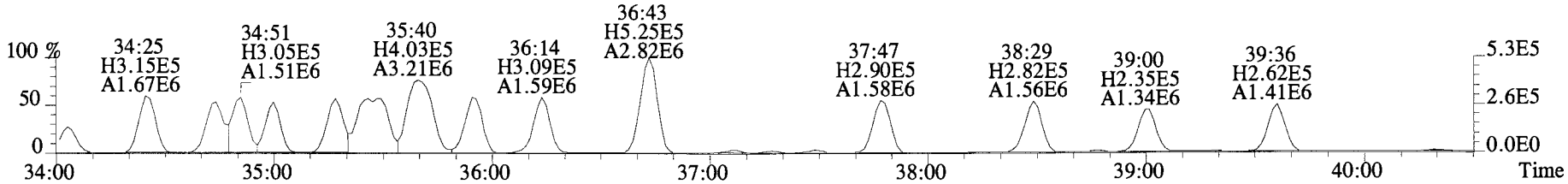
330.9792 S:2 F:3



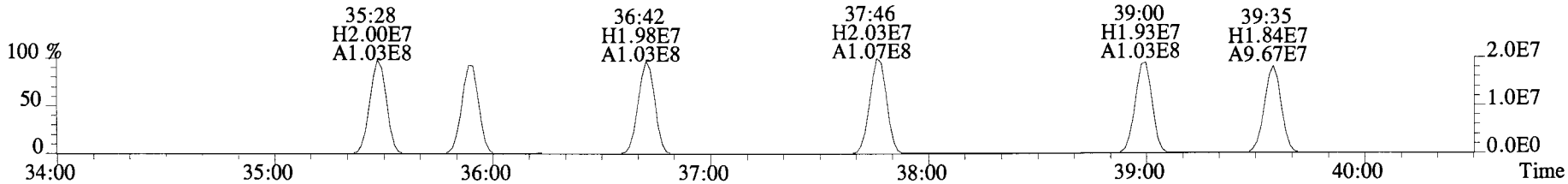
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



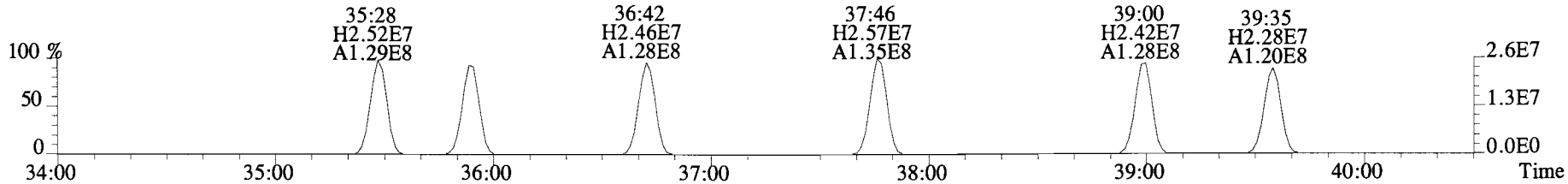
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



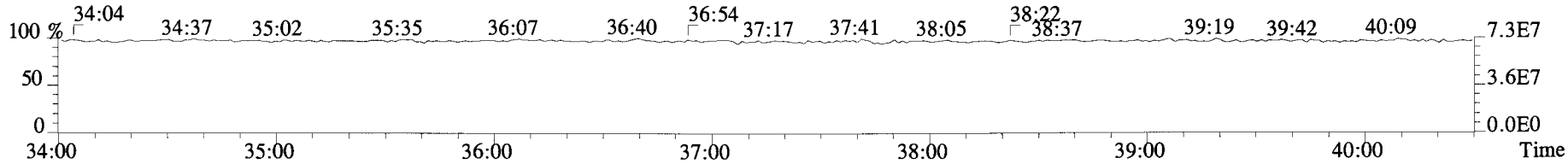
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



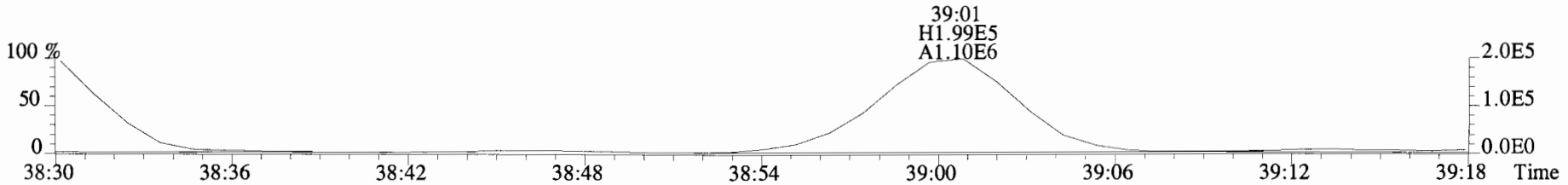
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



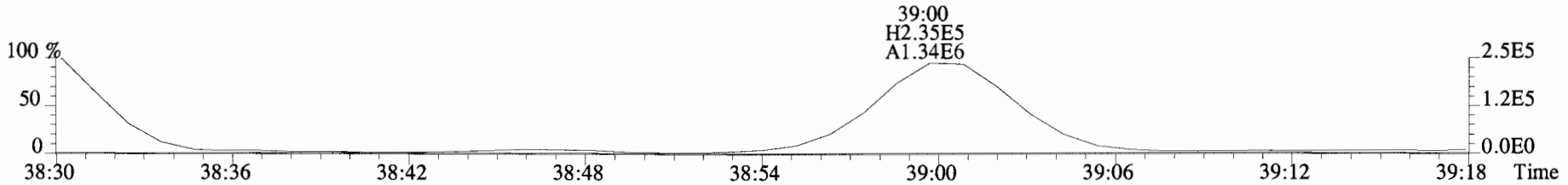
330.9792 S:2 F:3



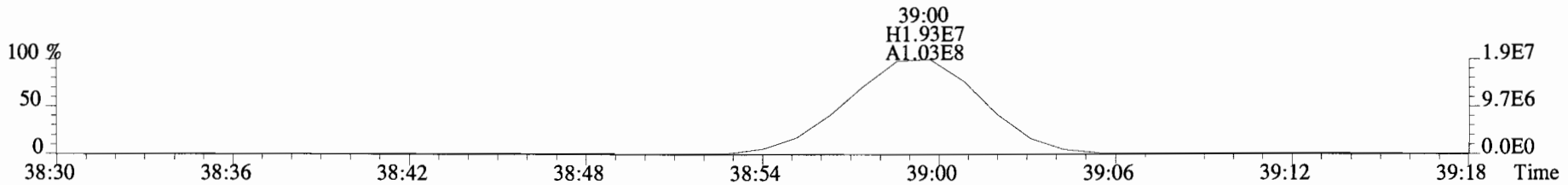
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



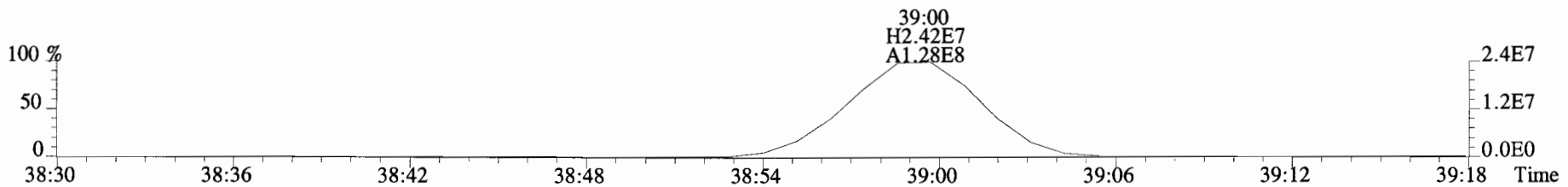
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



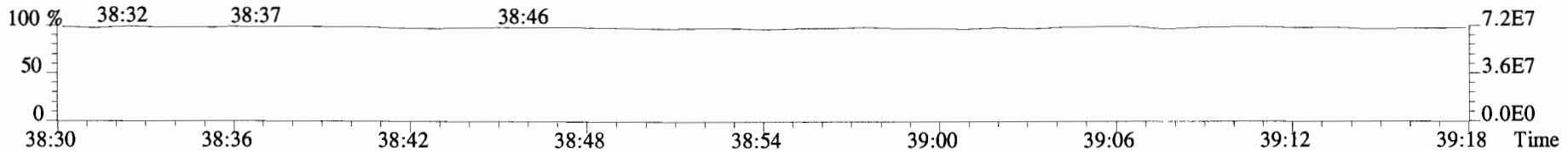
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



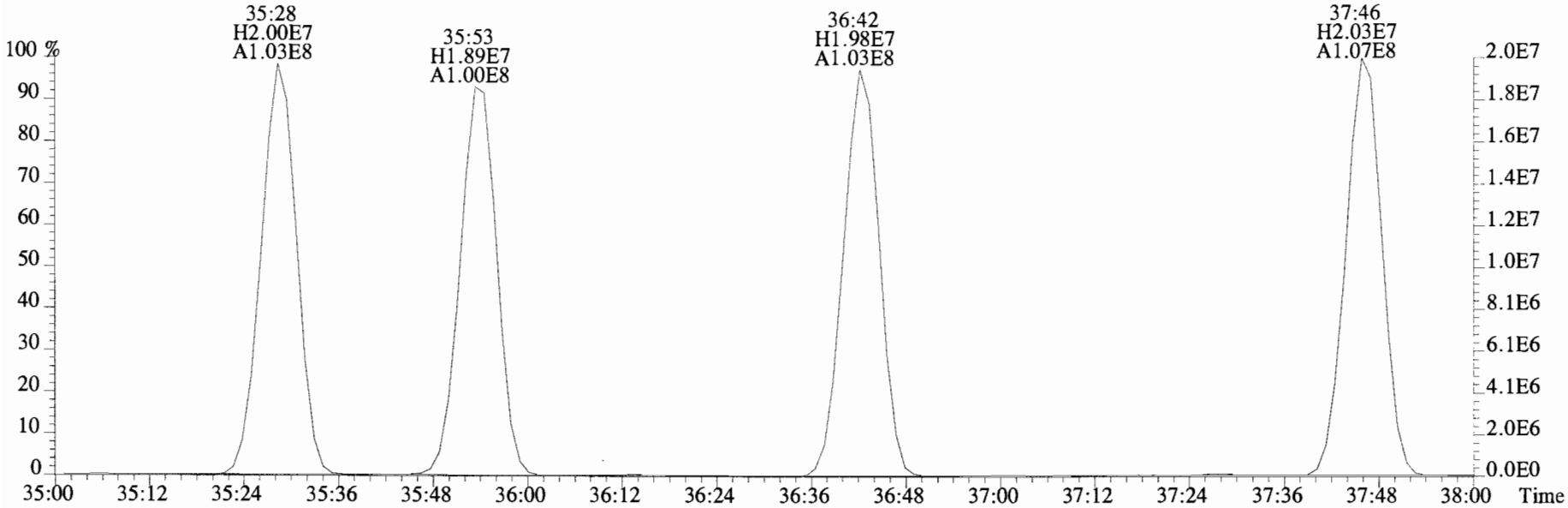
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



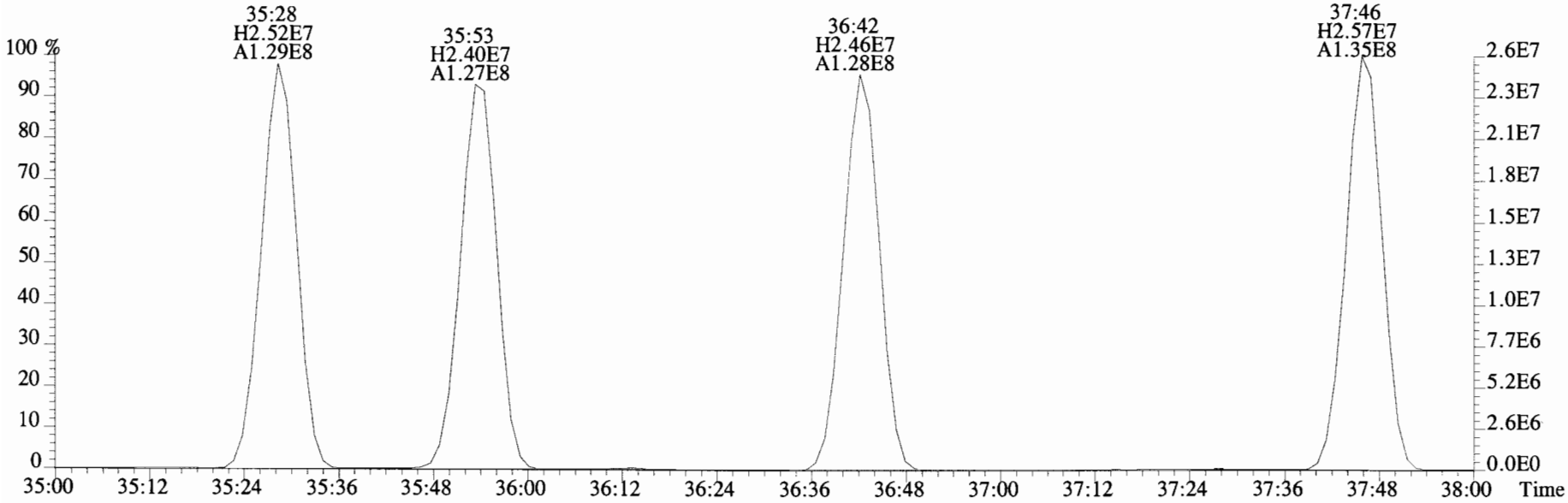
330.9792 S:2 F:3



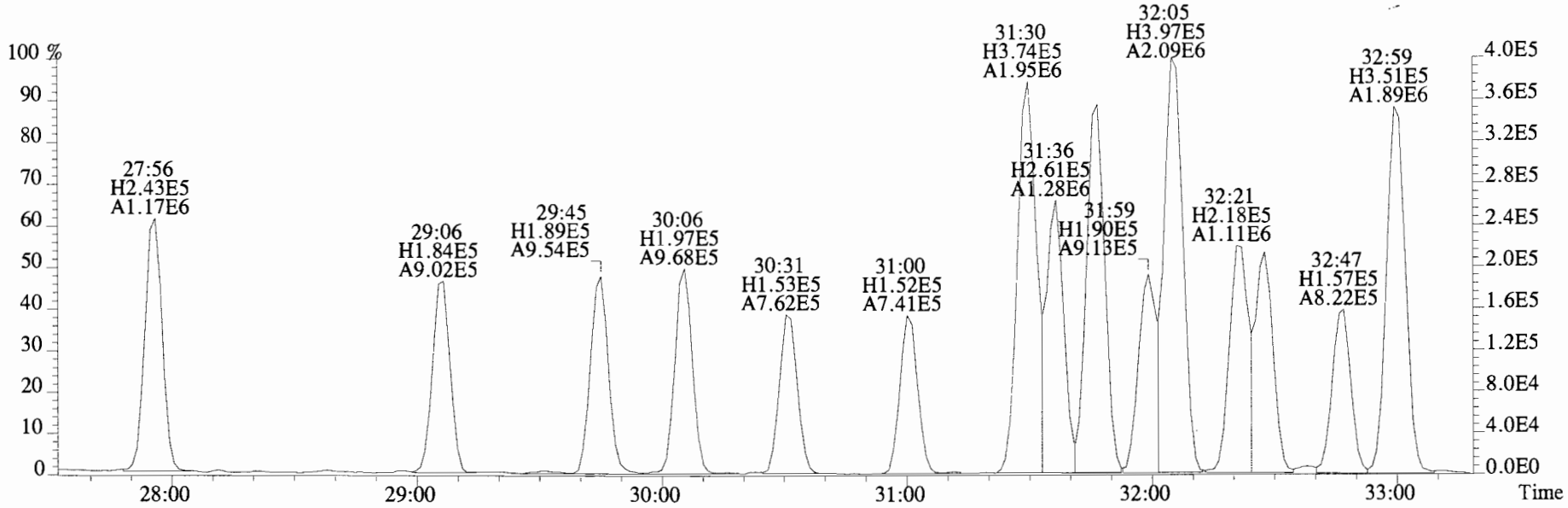
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35928.0,0.00%,F,F)



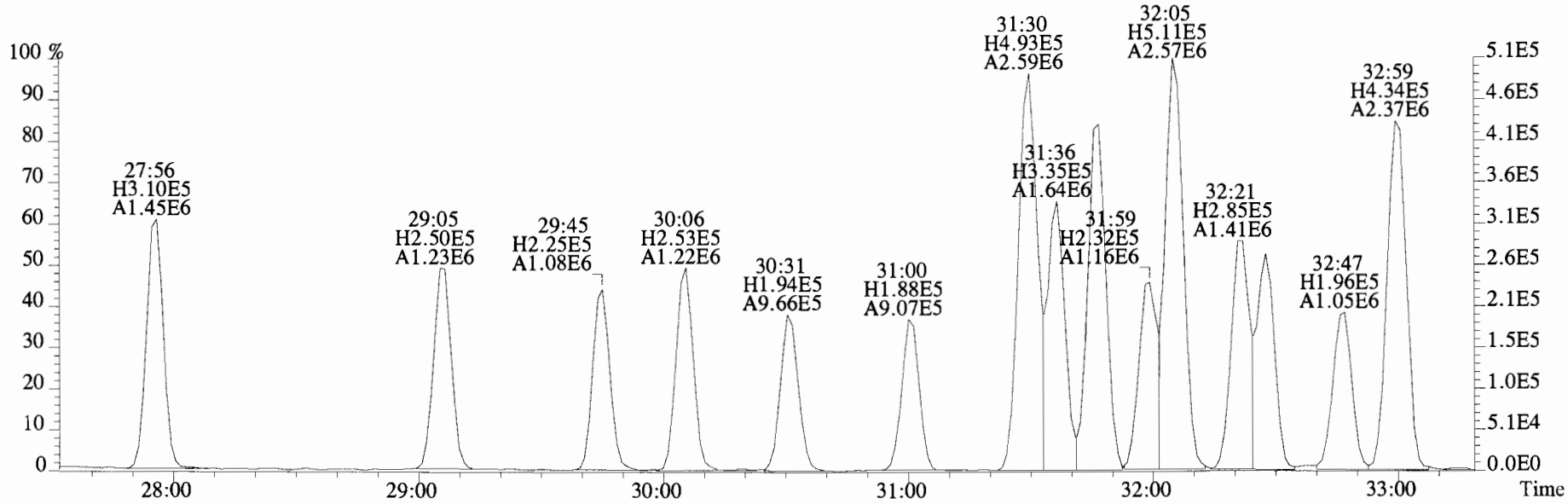
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22372.0,0.00%,F,F)



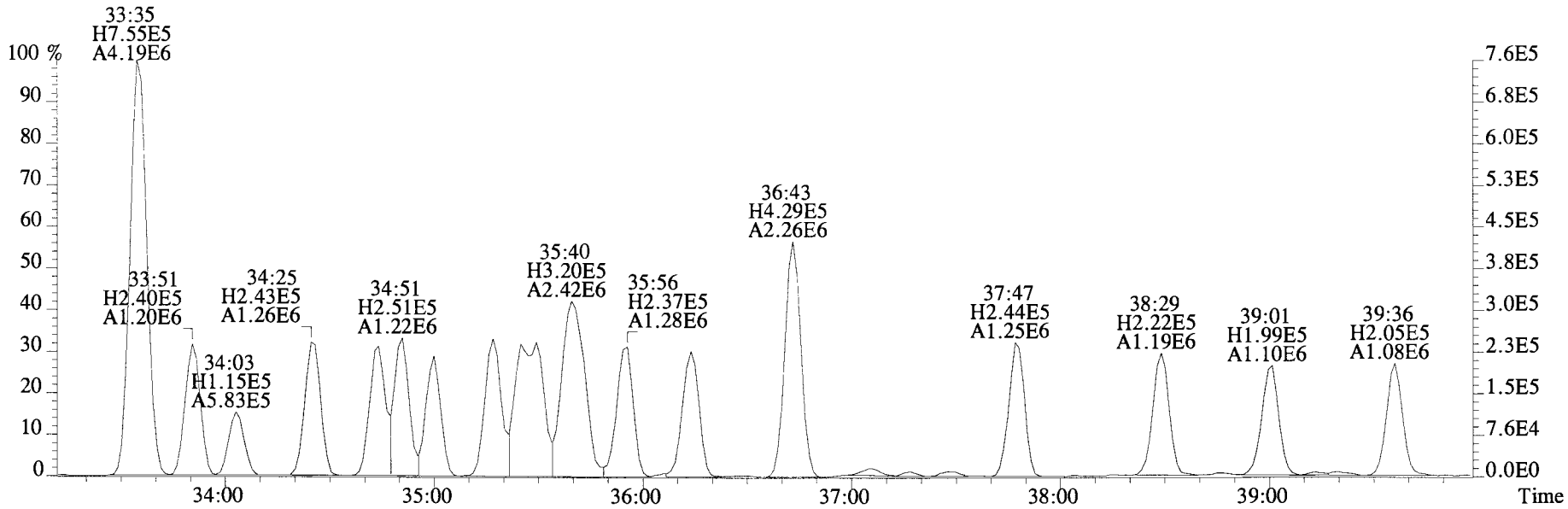
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



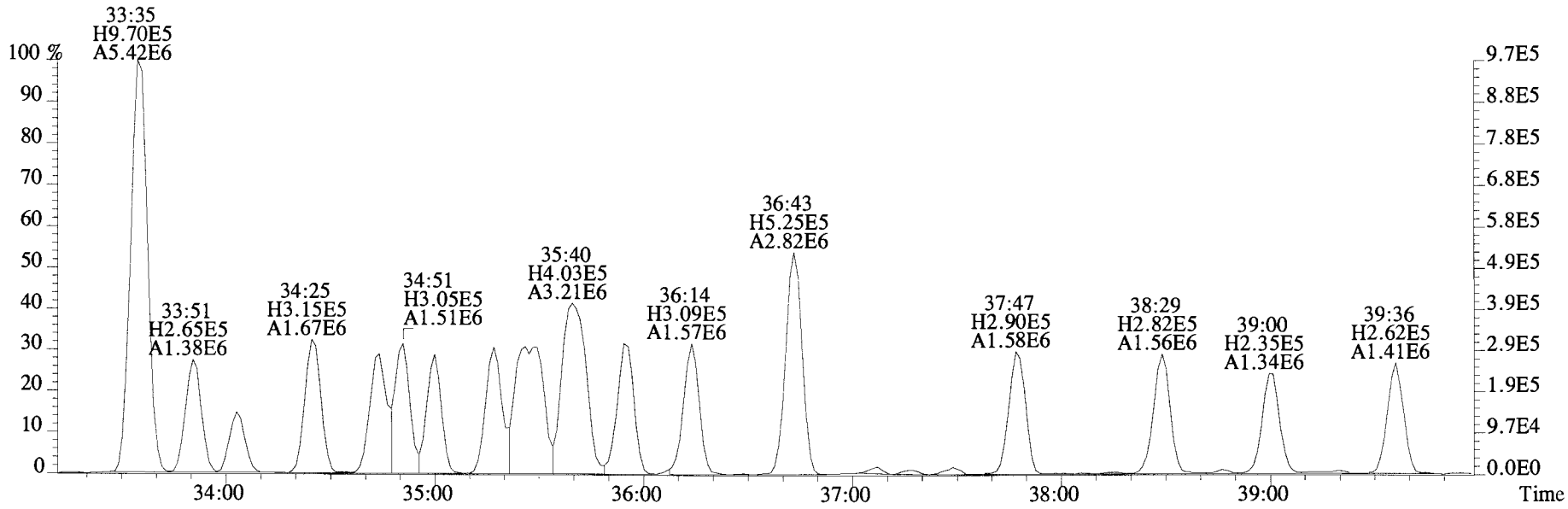
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



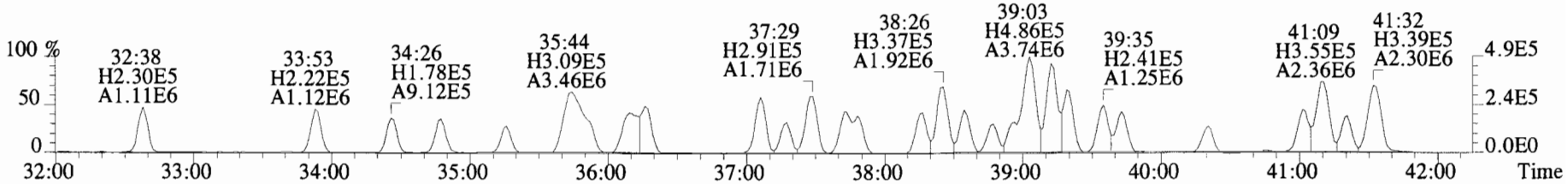
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3900.0,0.00%,F,F)



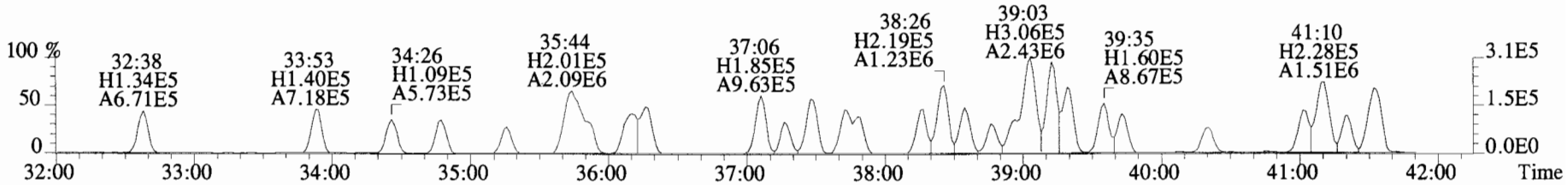
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



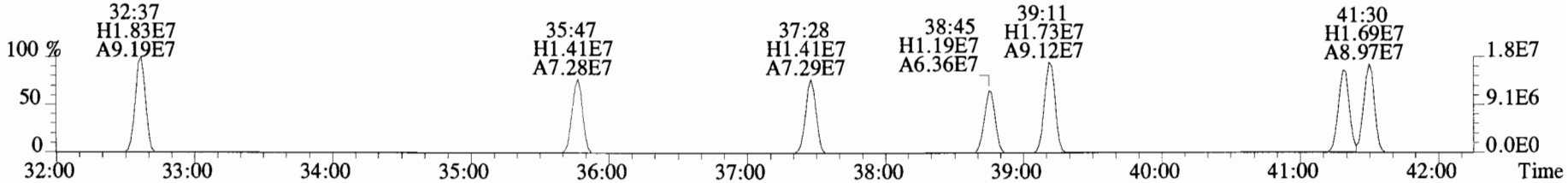
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



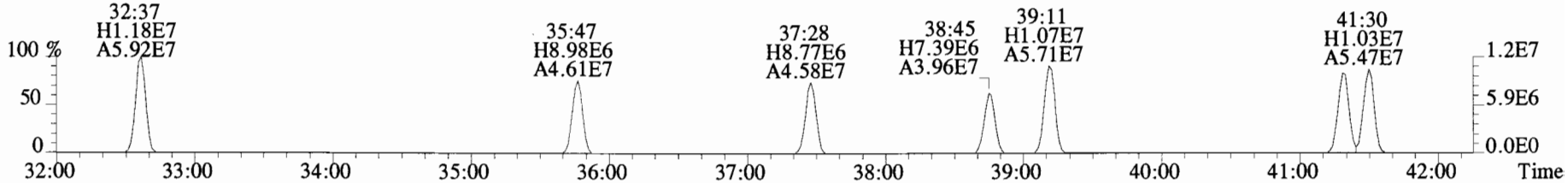
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



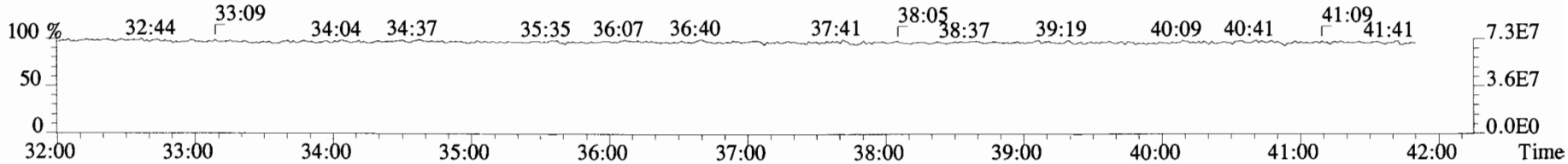
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



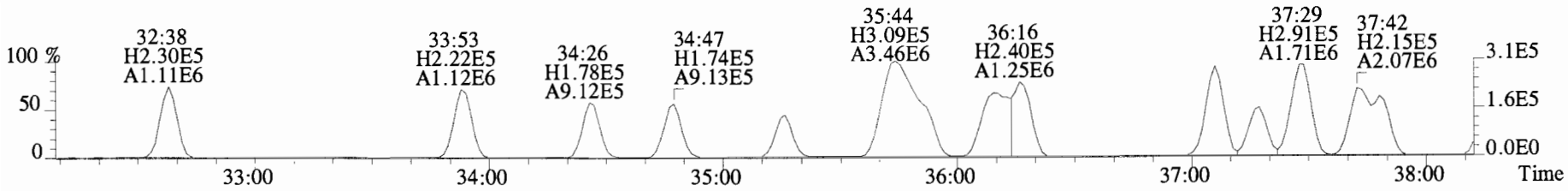
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



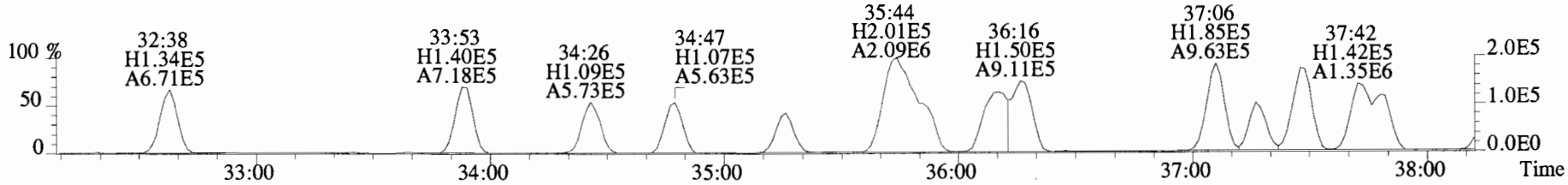
330.9792 S:2 F:3



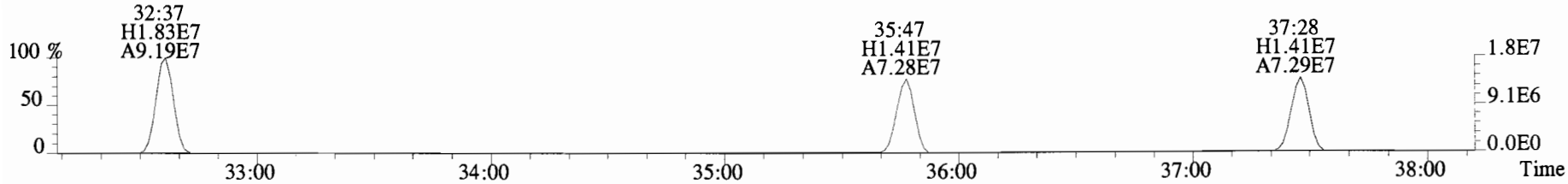
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



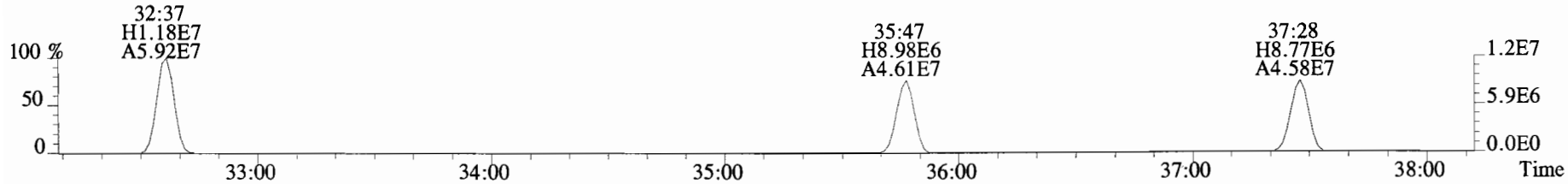
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



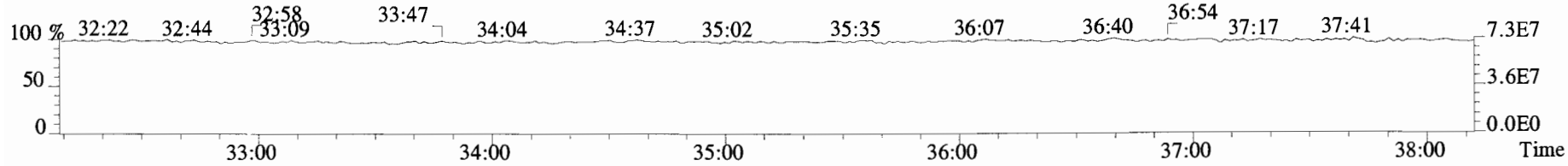
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)

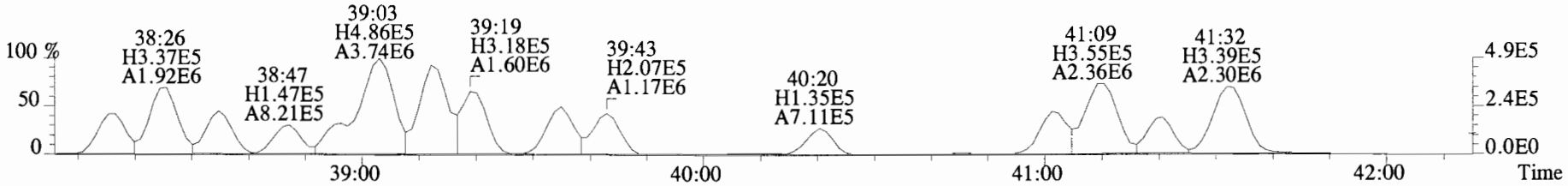


330.9792 S:2 F:3

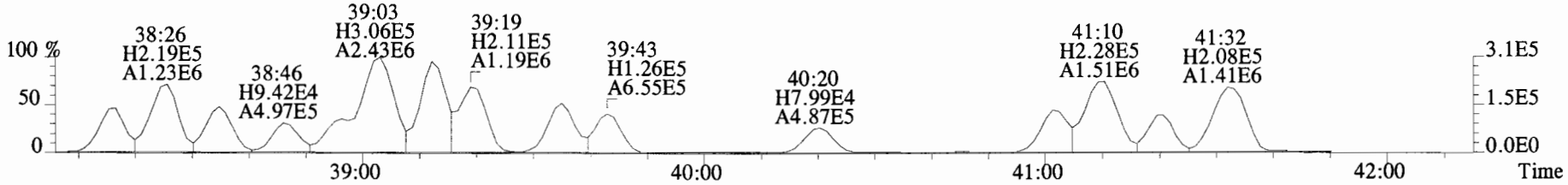


File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1

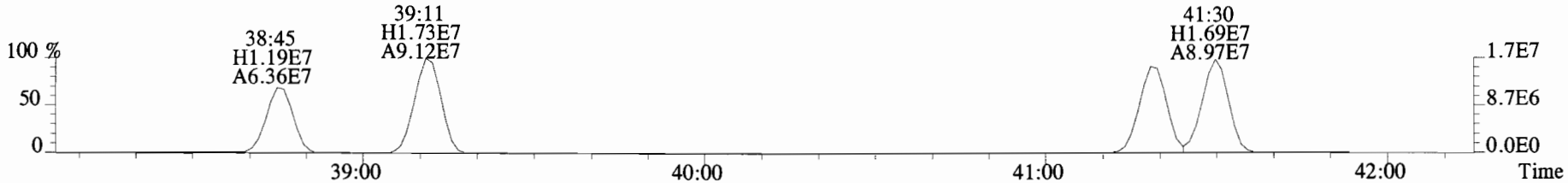
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



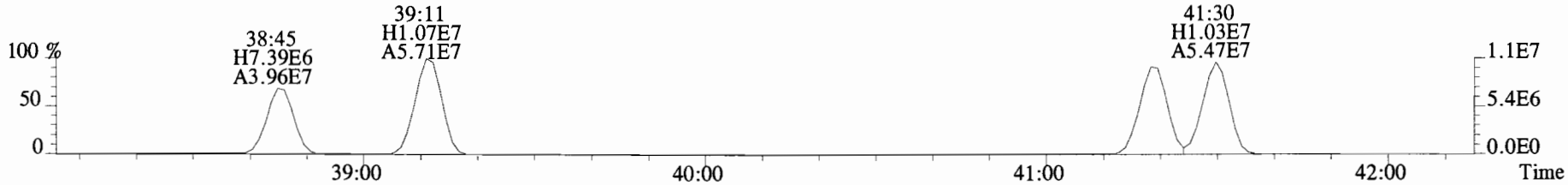
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



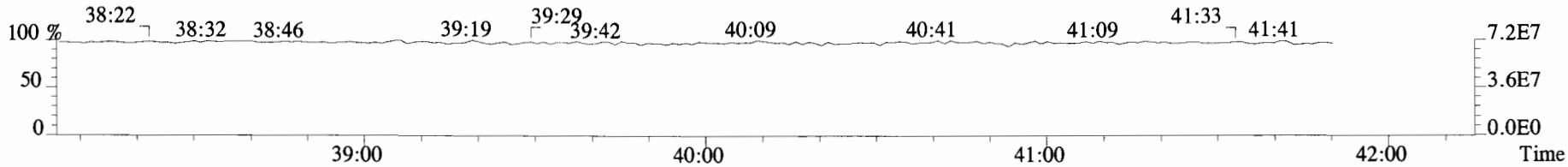
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



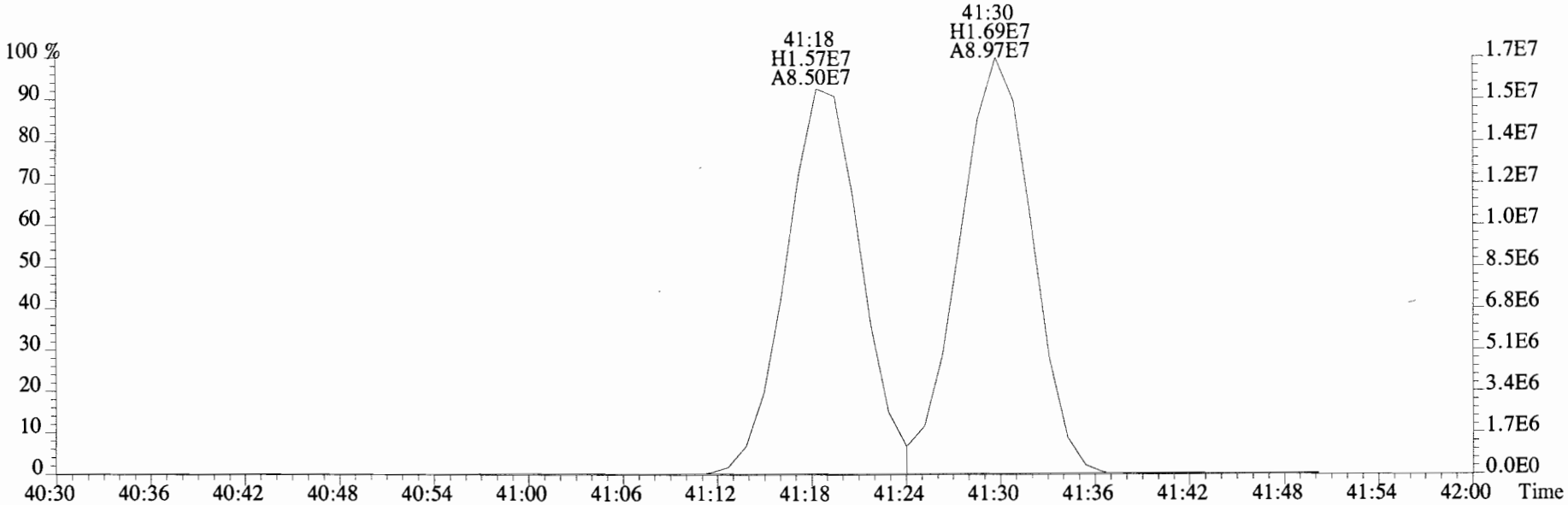
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



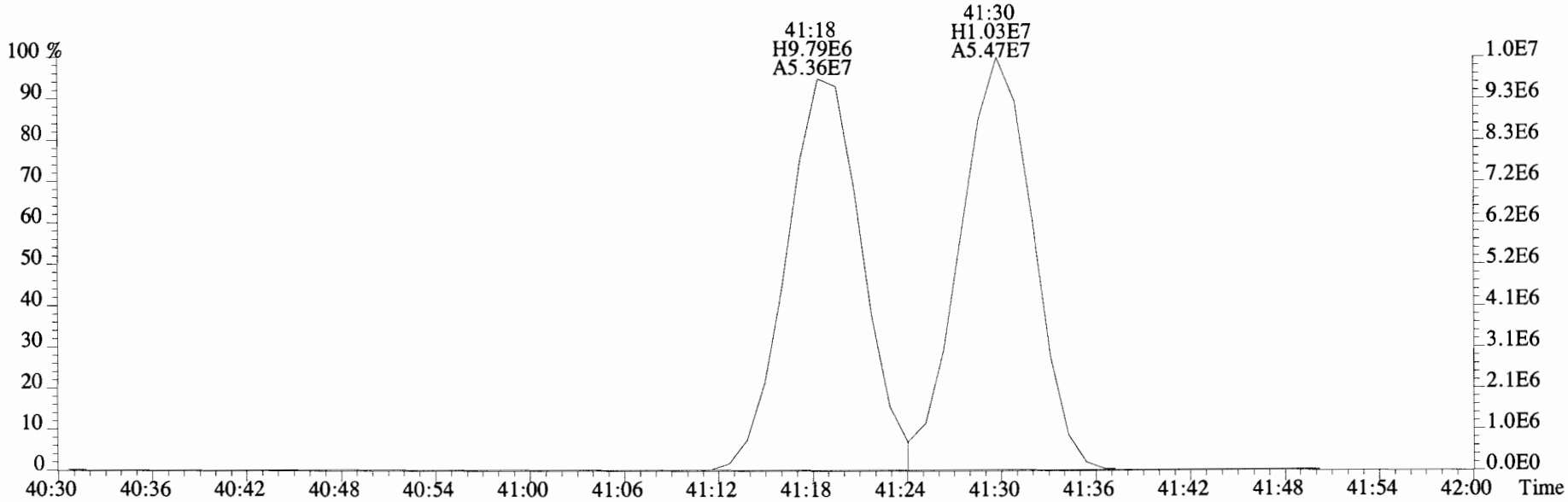
330.9792 S:2 F:3



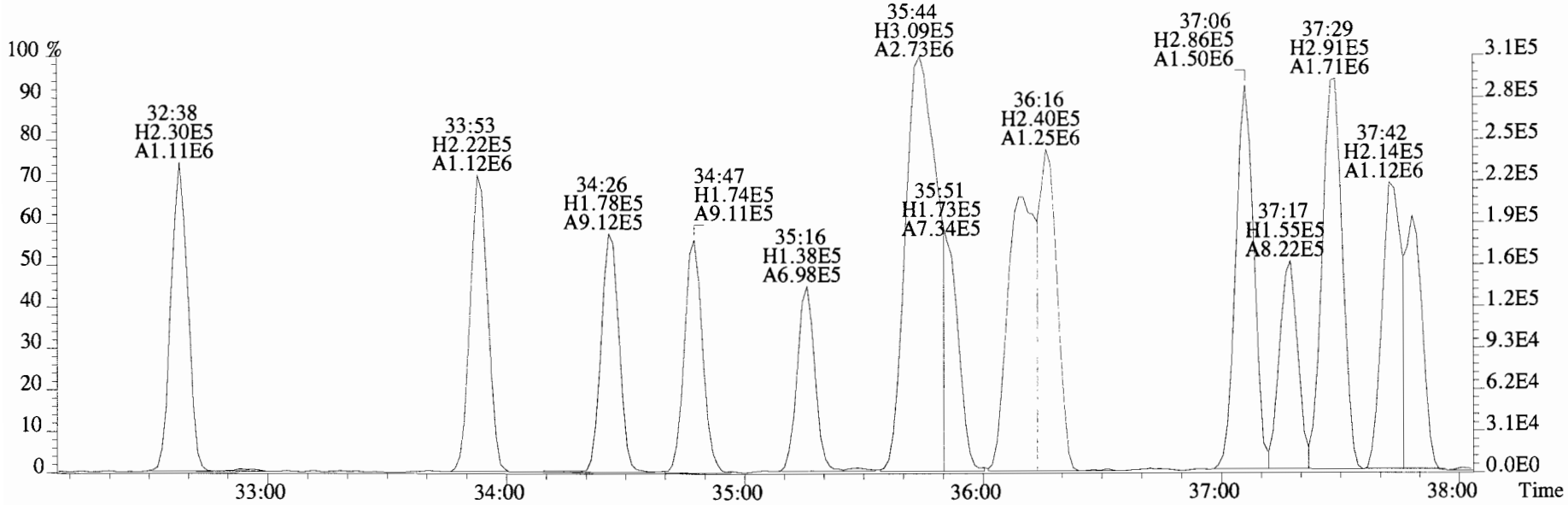
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6756.0,0.00%,F,F)



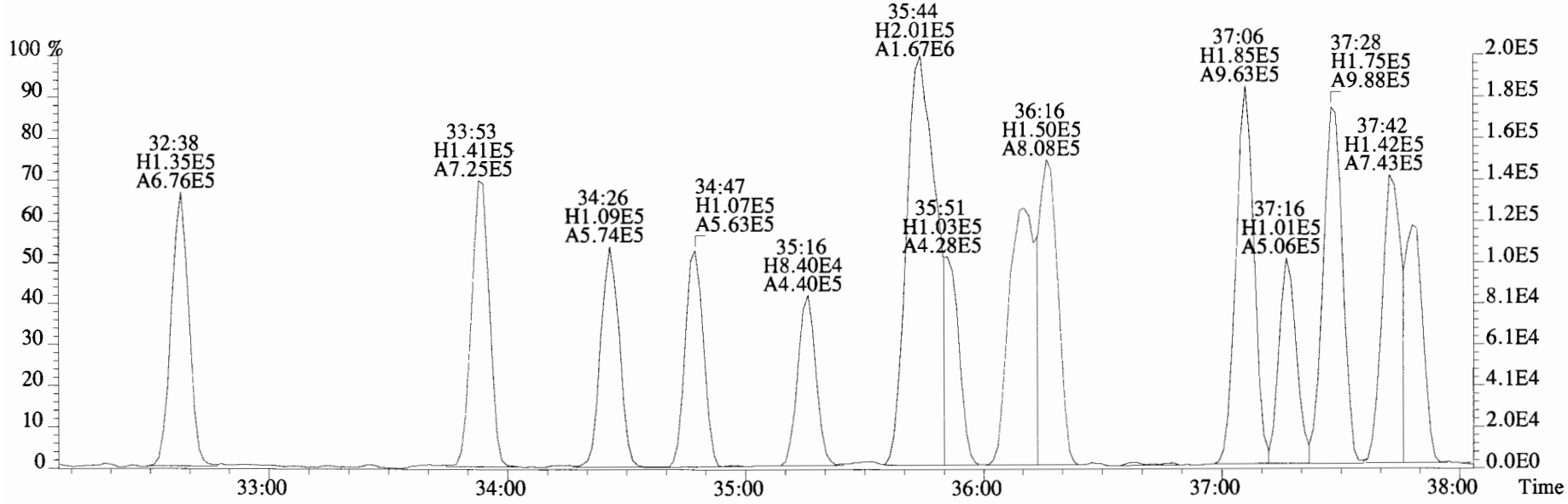
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3672.0,0.00%,F,F)



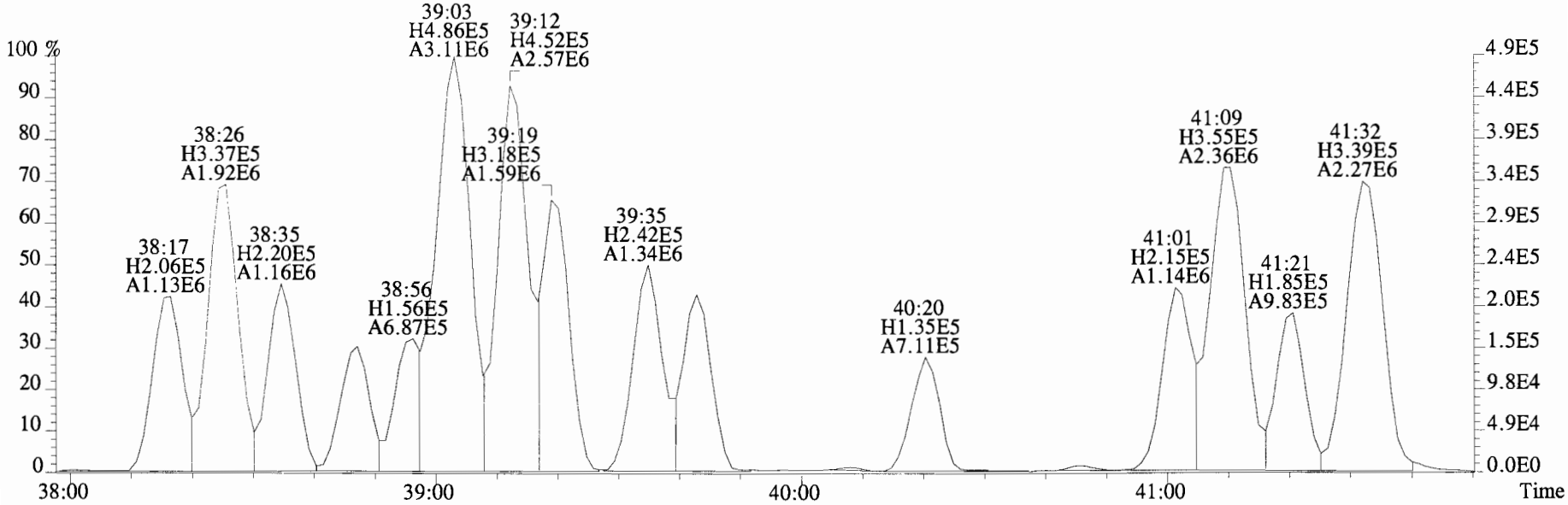
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)



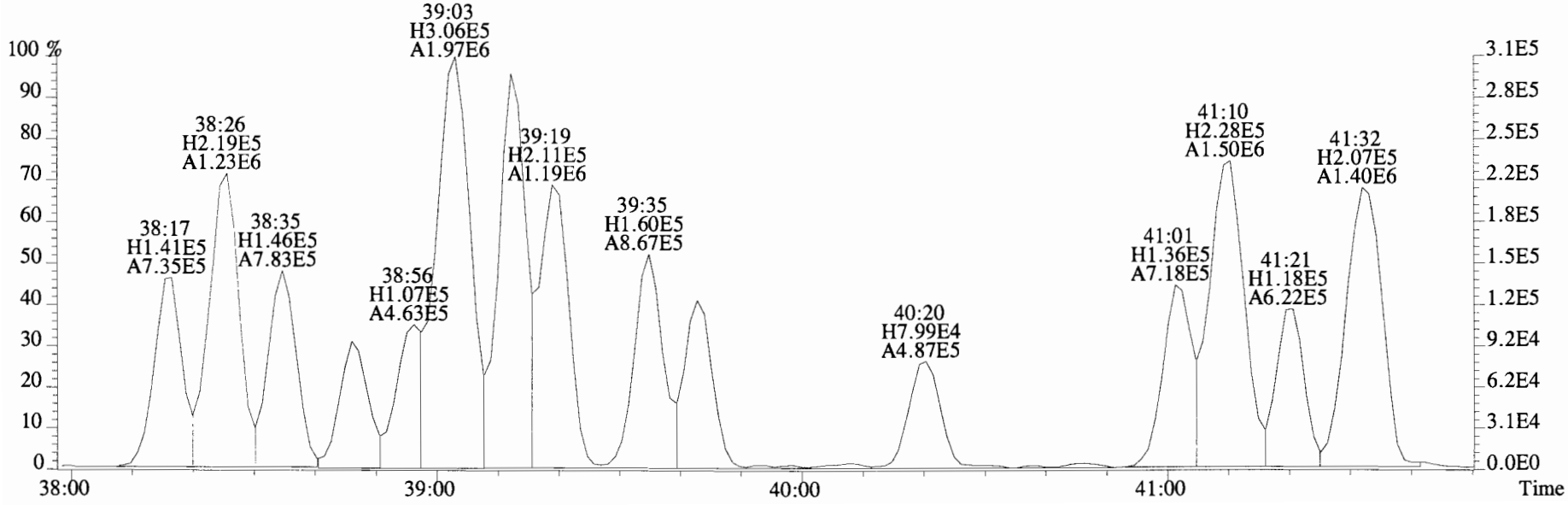
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2872.0,0.00%,F,F)

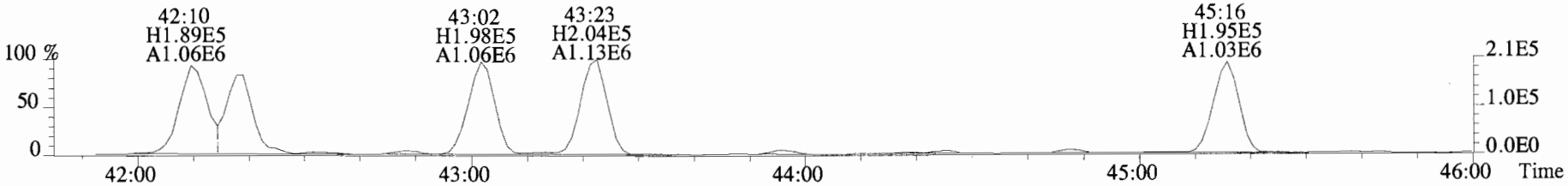


327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)

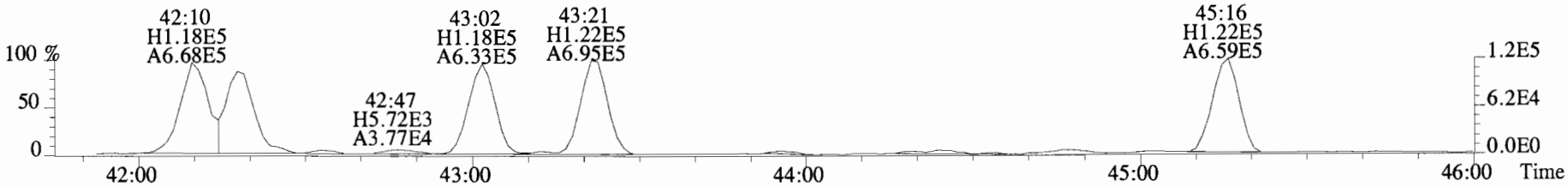


File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1

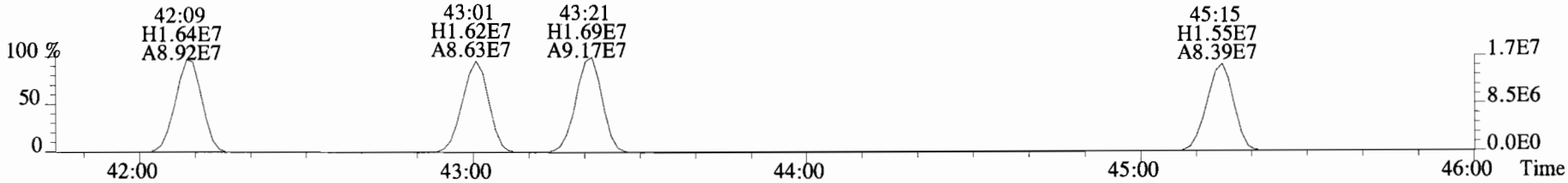
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2660.0,0.00%,F,F)



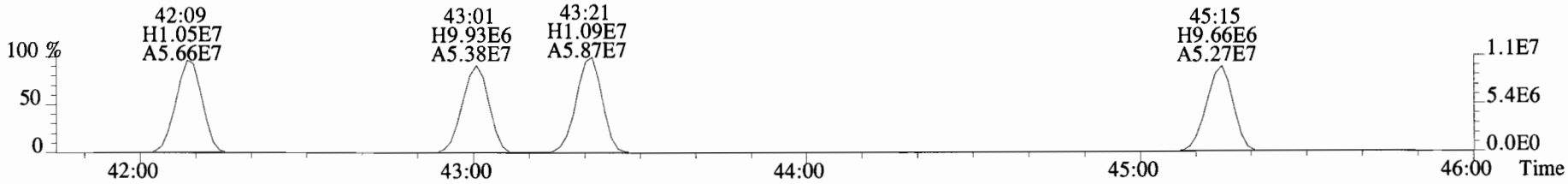
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



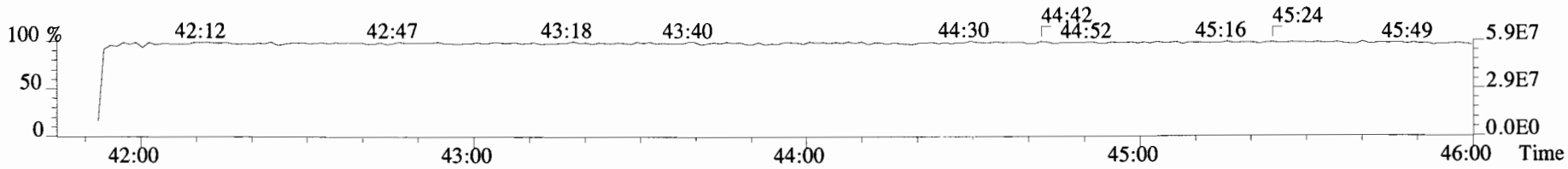
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7880.0,0.00%,F,F)



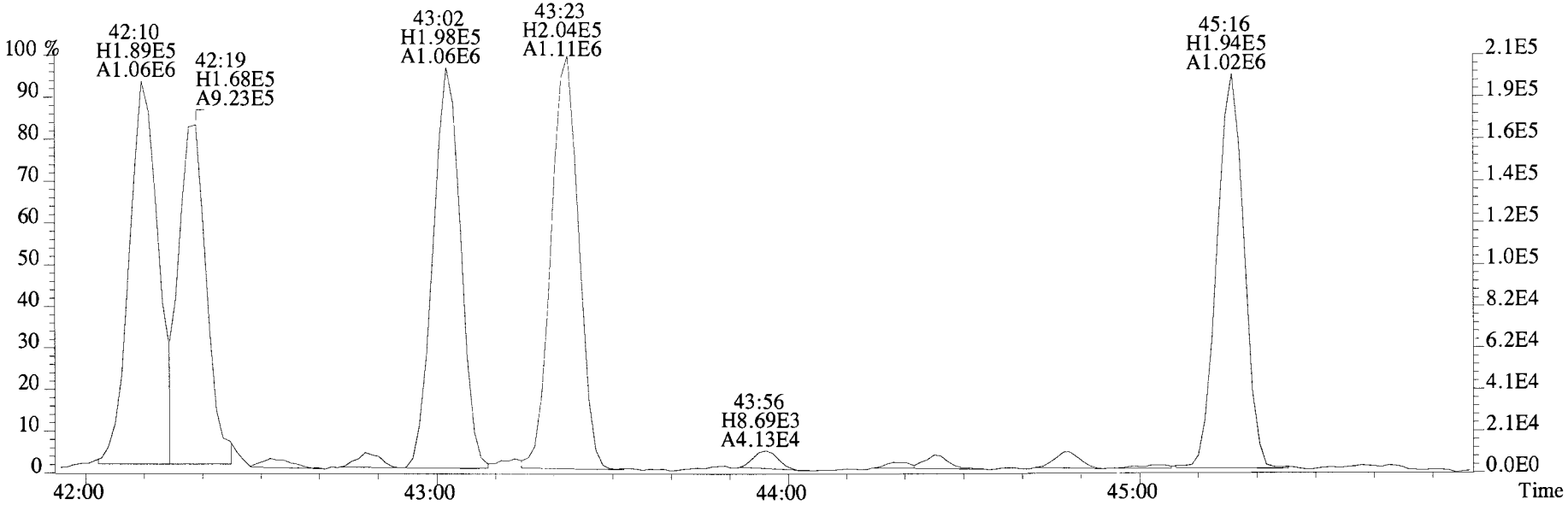
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7156.0,0.00%,F,F)



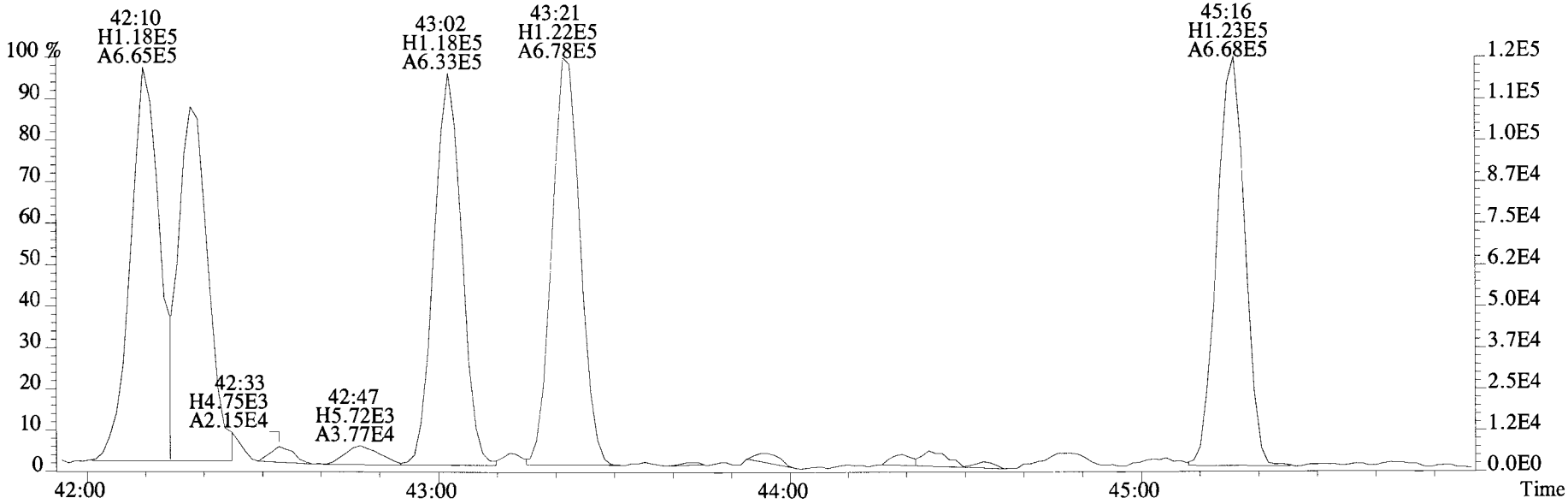
380.9760 S:2 F:4



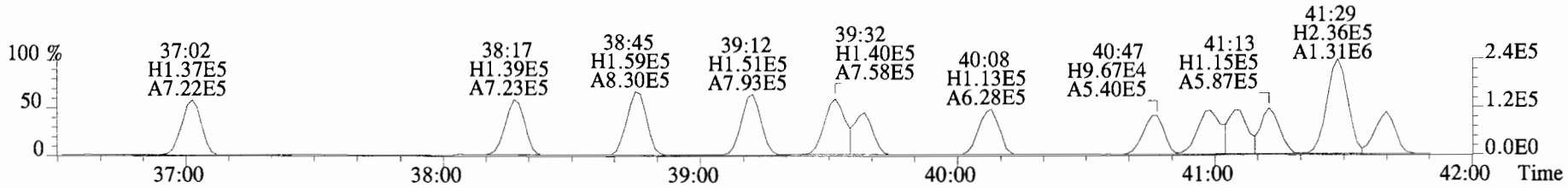
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2660.0,0.00%,F,F)



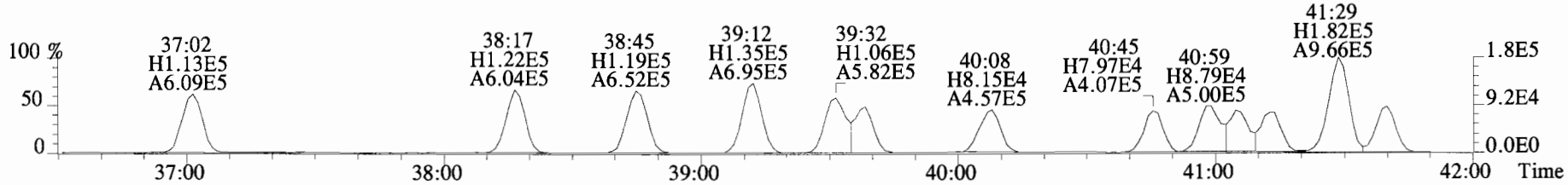
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



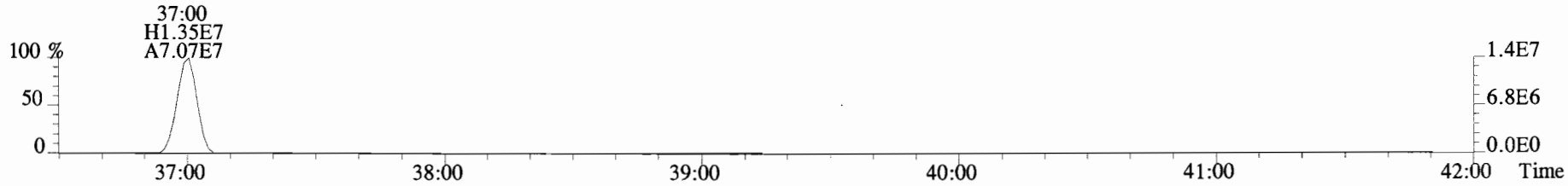
File:180208E1 #1-756 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UitimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2340.0,0.00%,F,F)



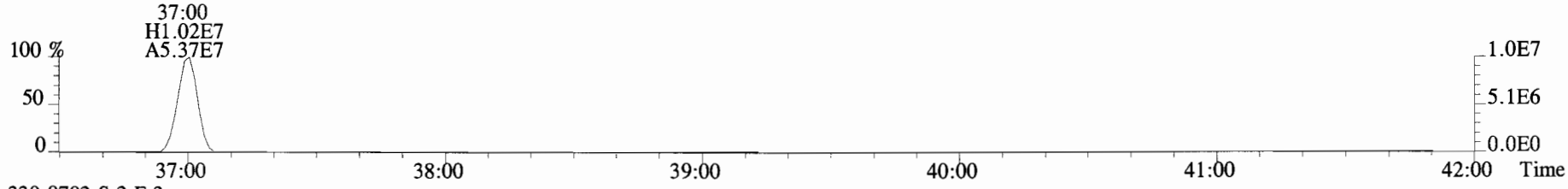
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2648.0,0.00%,F,F)



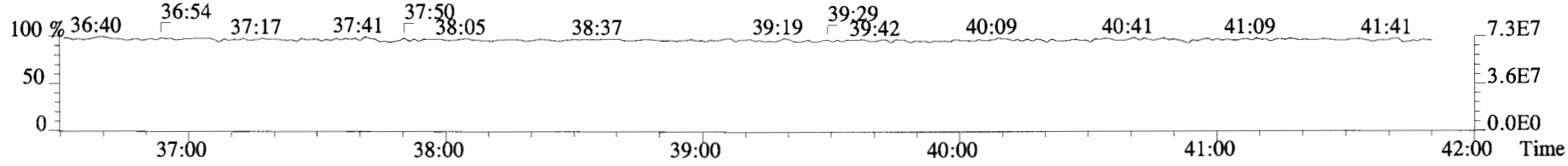
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



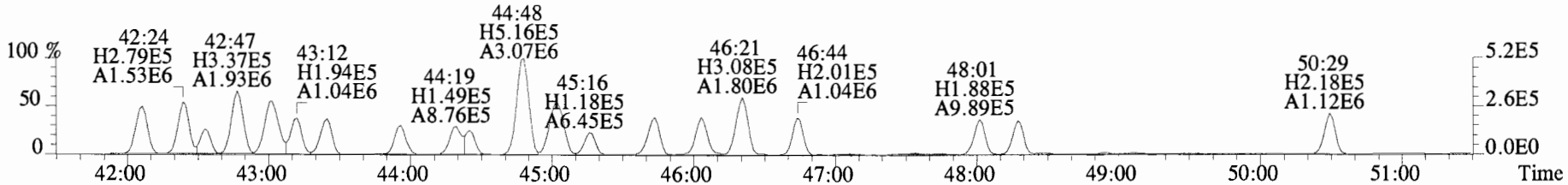
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



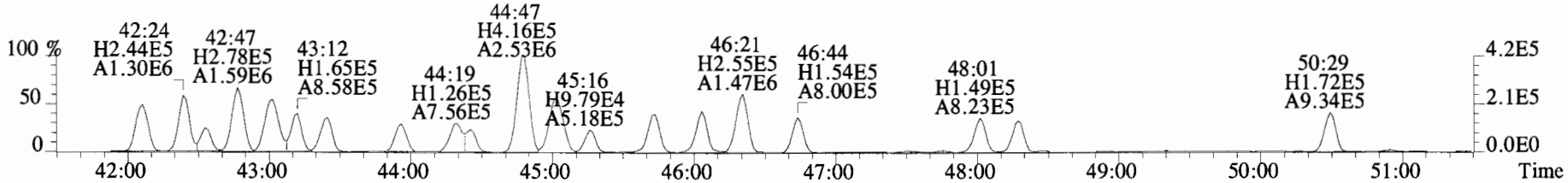
330.9792 S:2 F:3



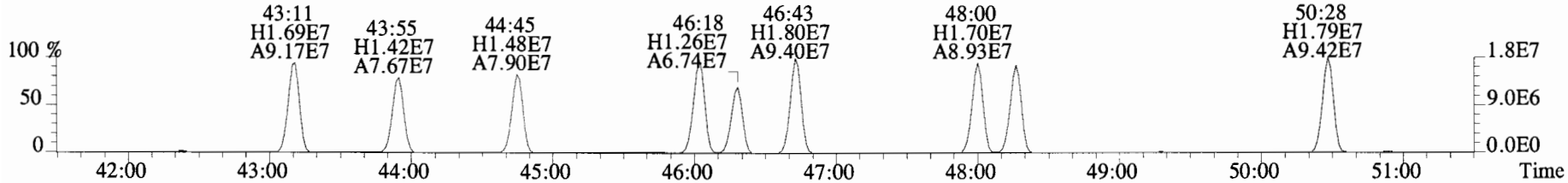
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



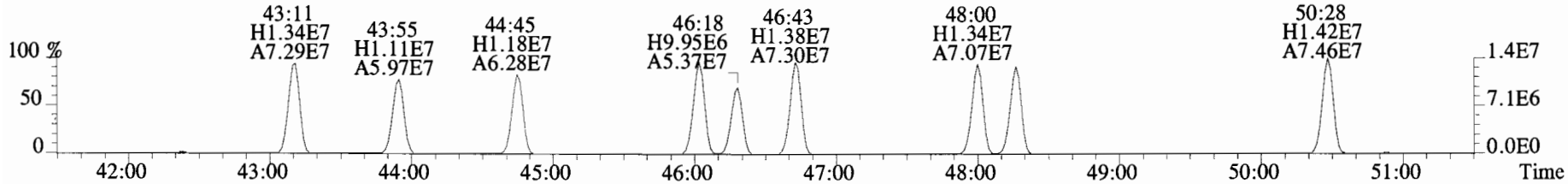
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



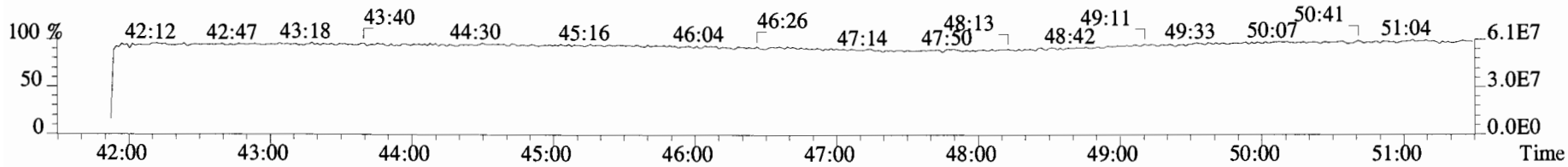
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



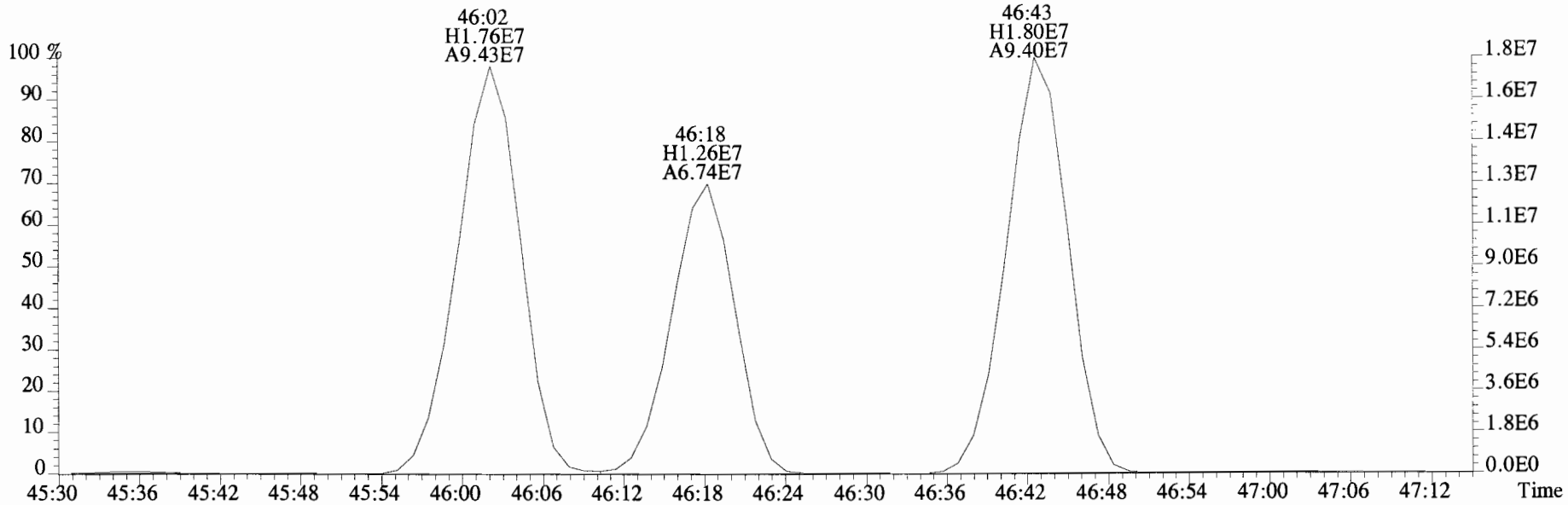
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



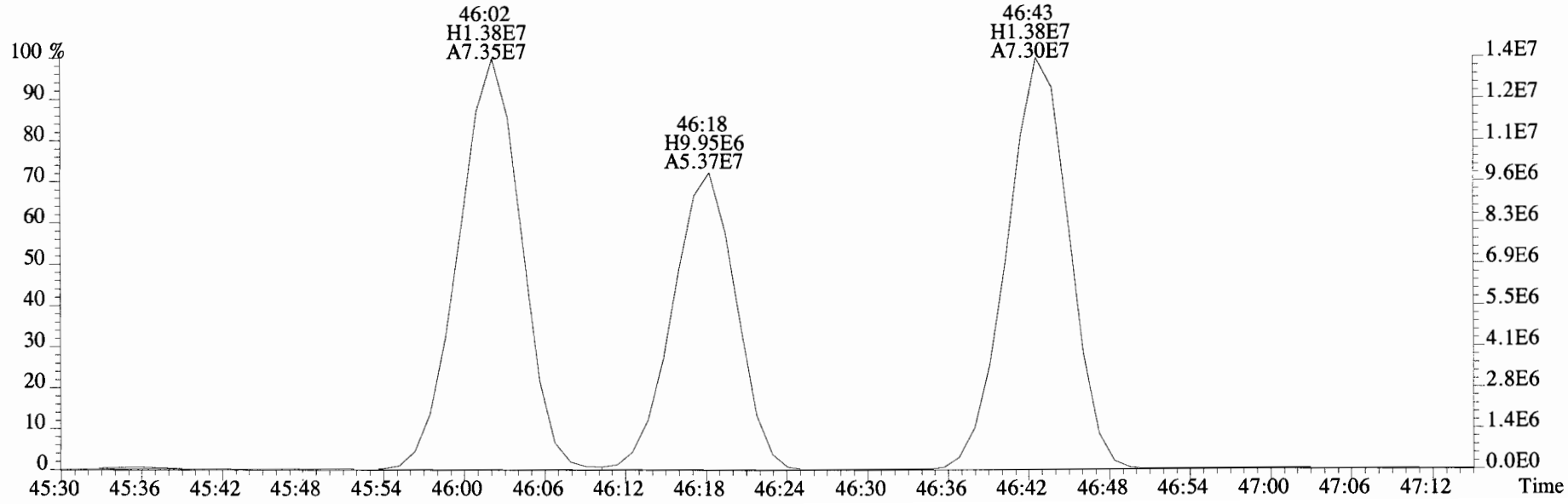
380.9760 S:2 F:4



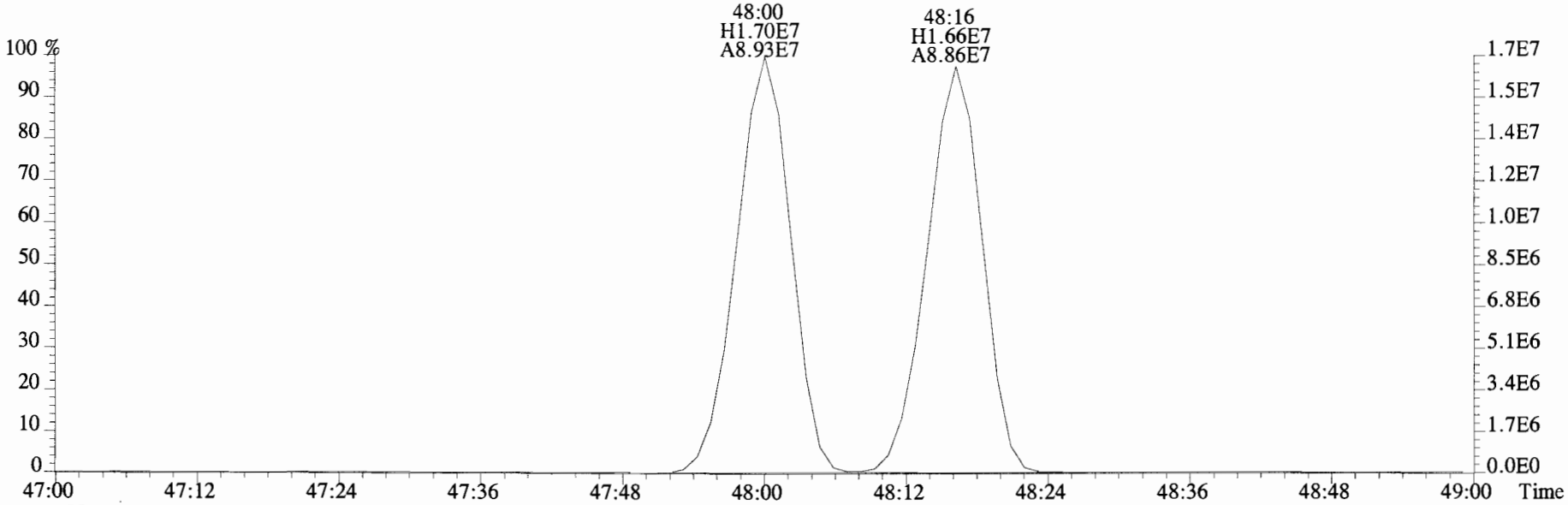
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



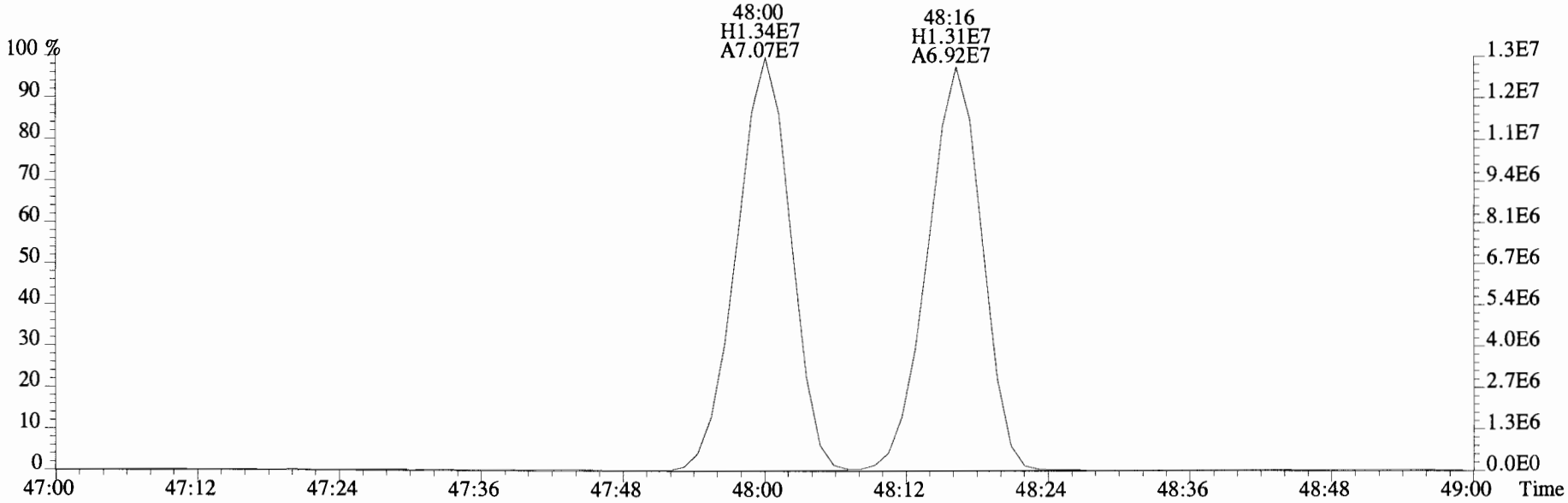
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



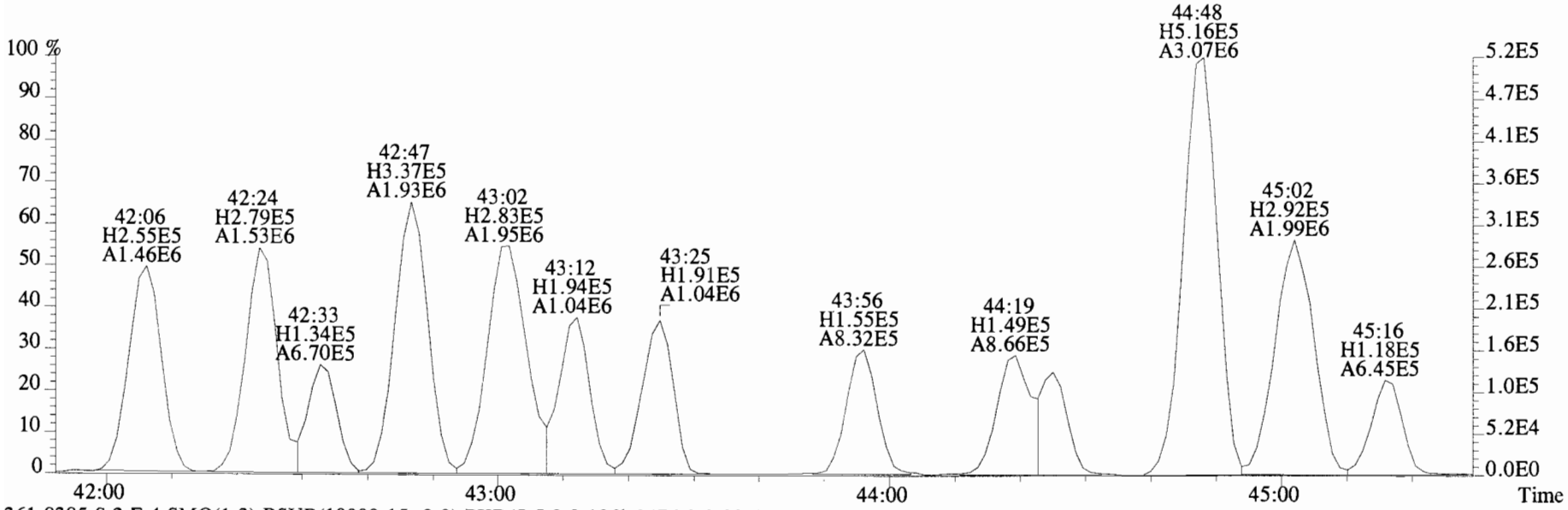
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19196.0,0.00%,F,F)



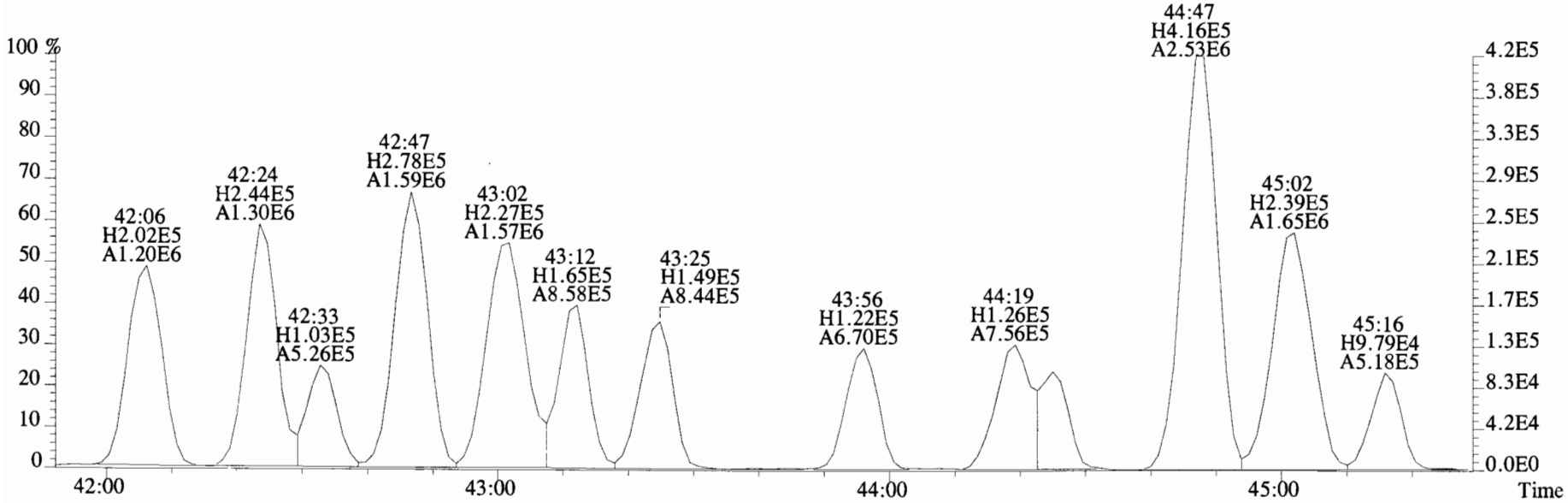
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14324.0,0.00%,F,F)



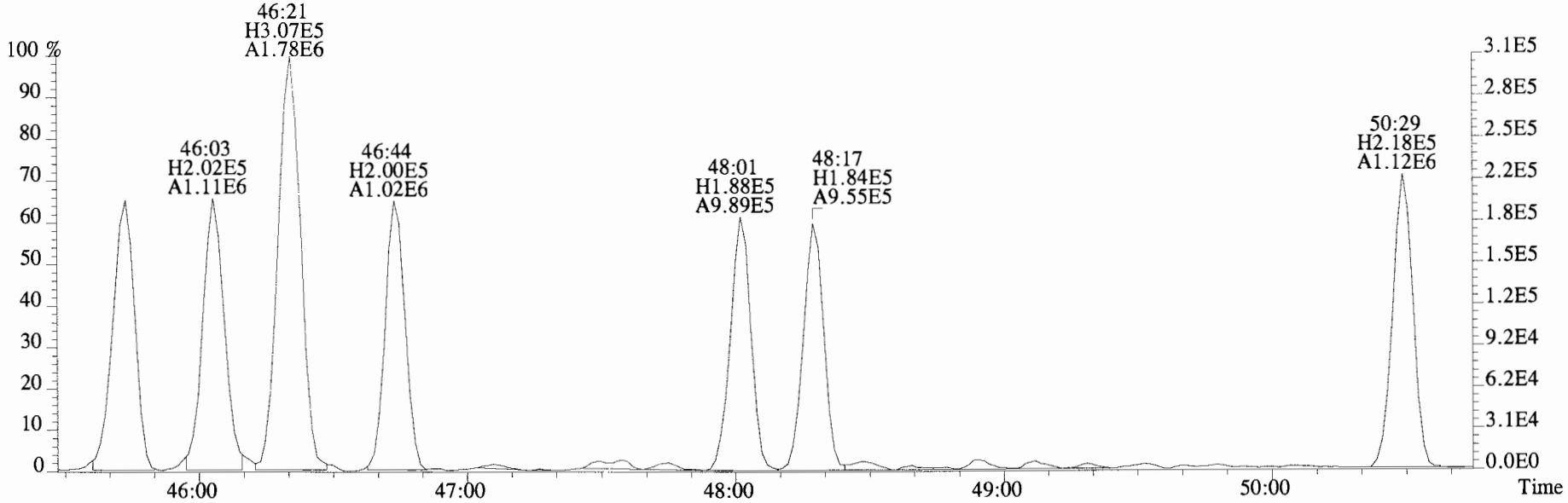
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



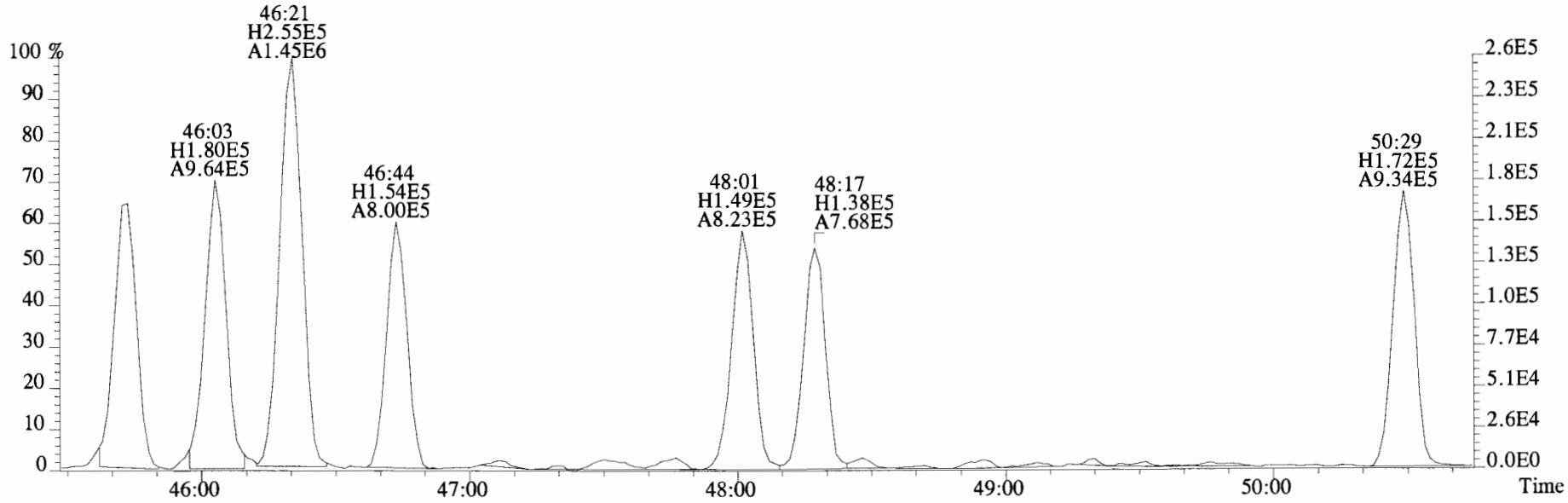
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



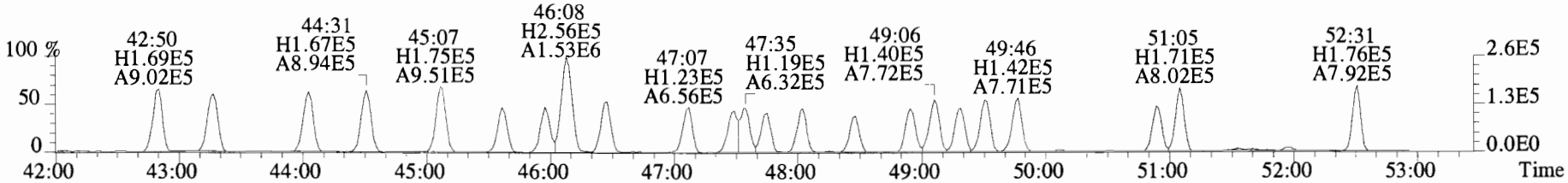
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2556.0,0.00%,F,F)



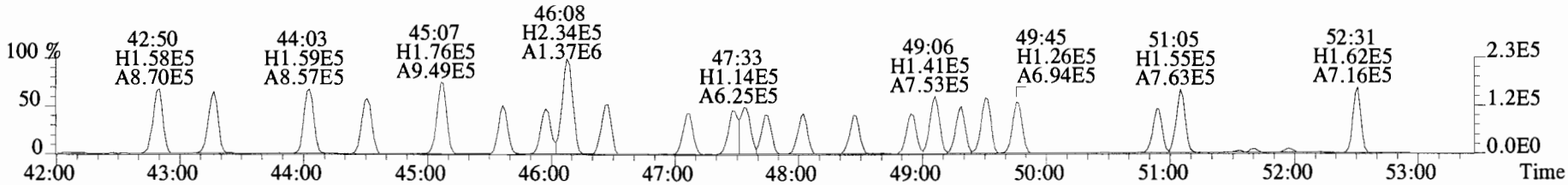
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2476.0,0.00%,F,F)



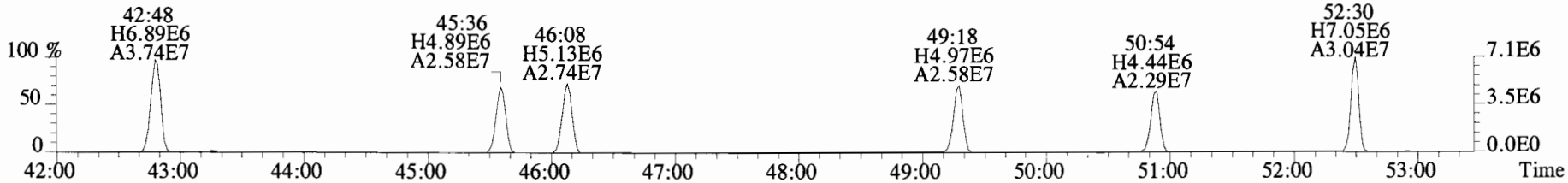
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



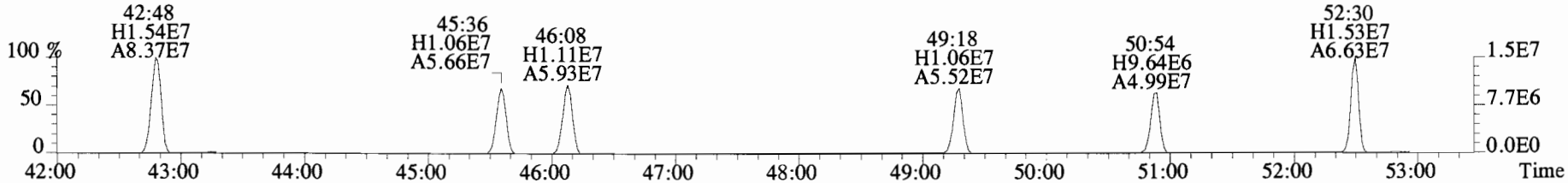
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



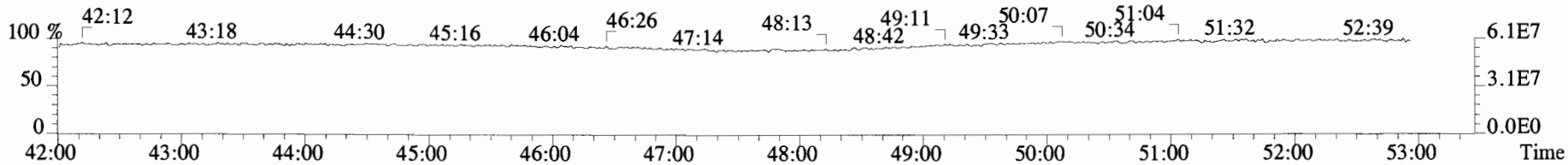
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9196.0,0.00%,F,F)



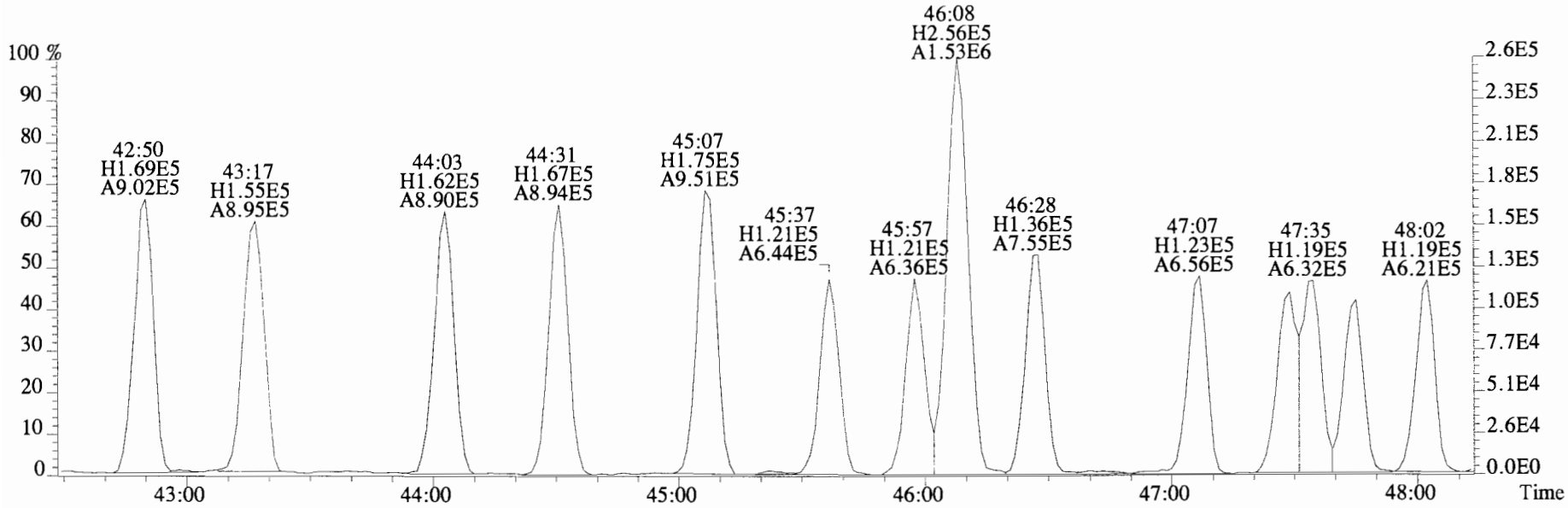
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19096.0,0.00%,F,F)



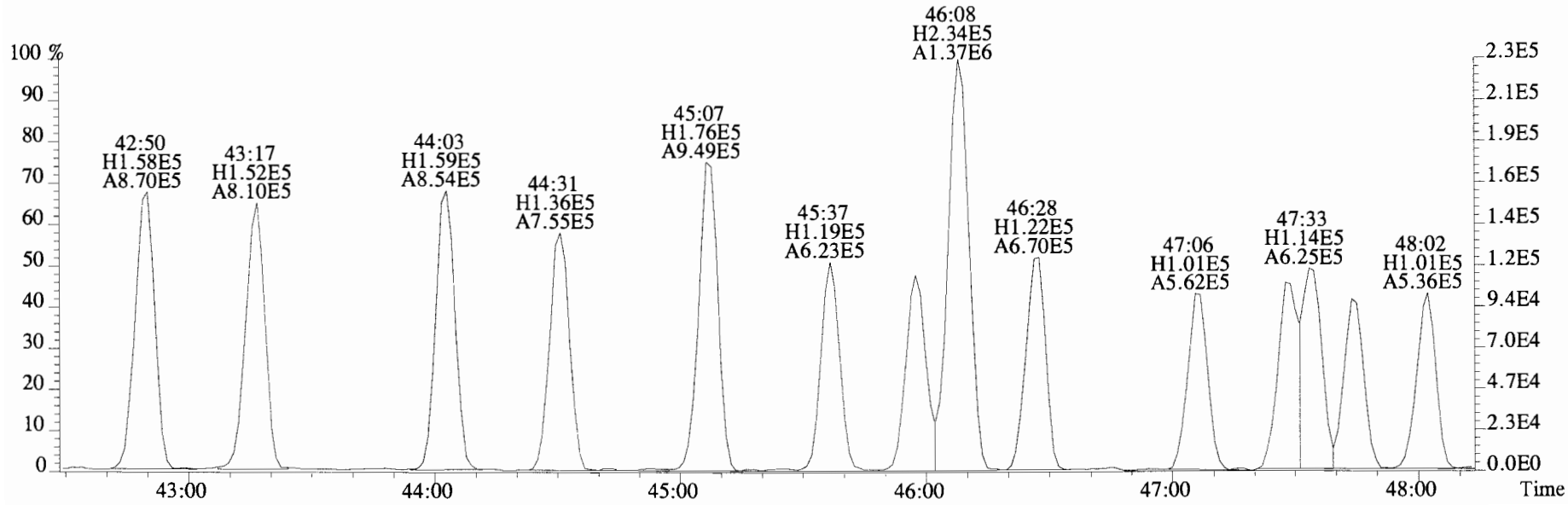
380.9760 S:2 F:4



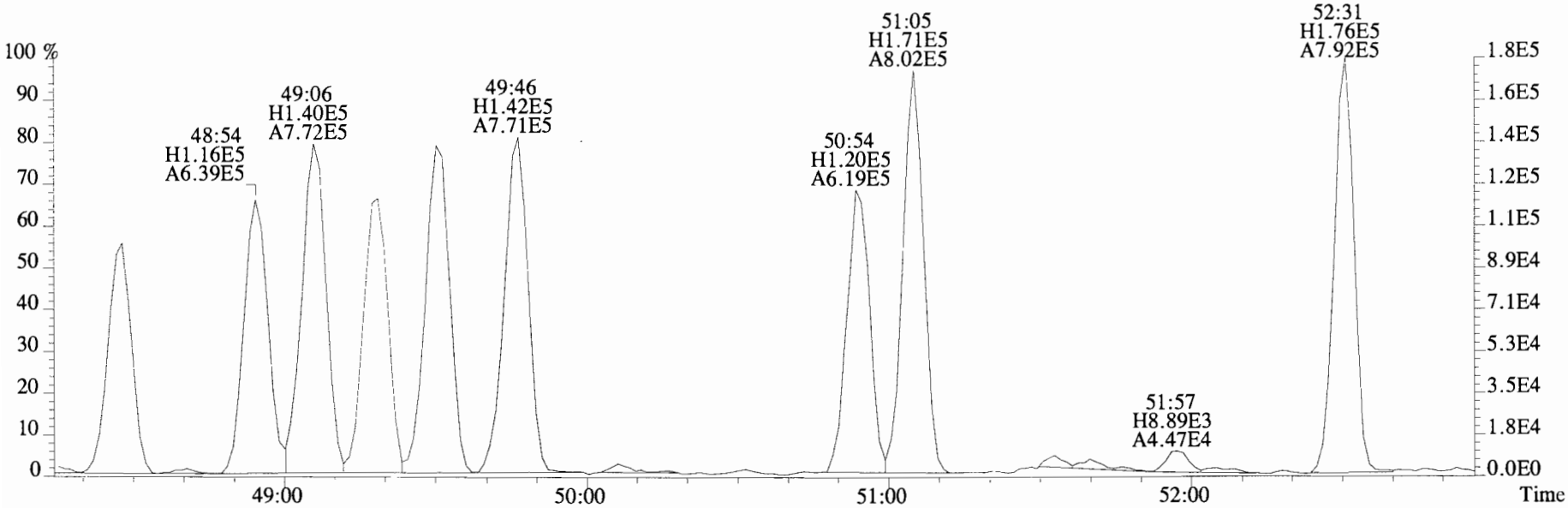
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



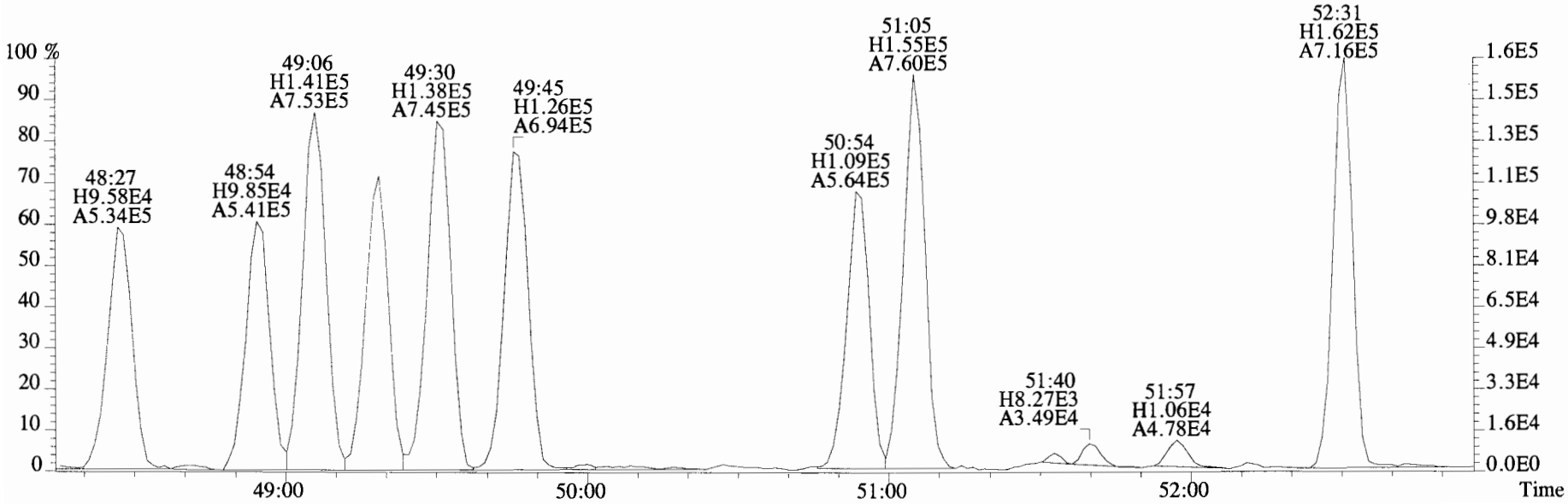
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



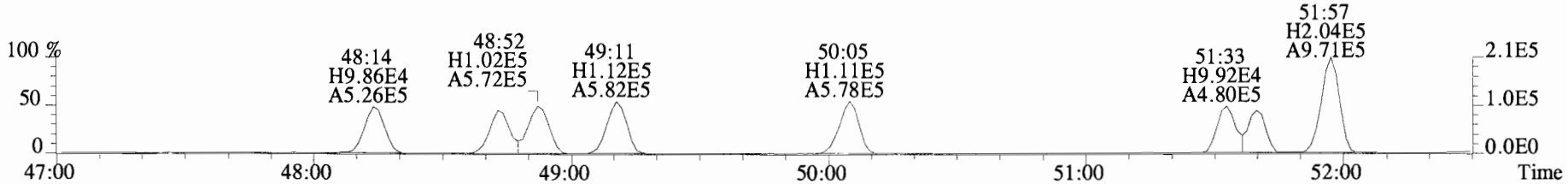
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



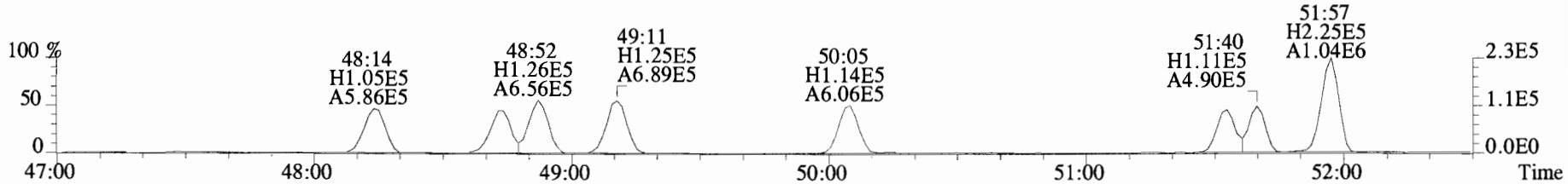
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



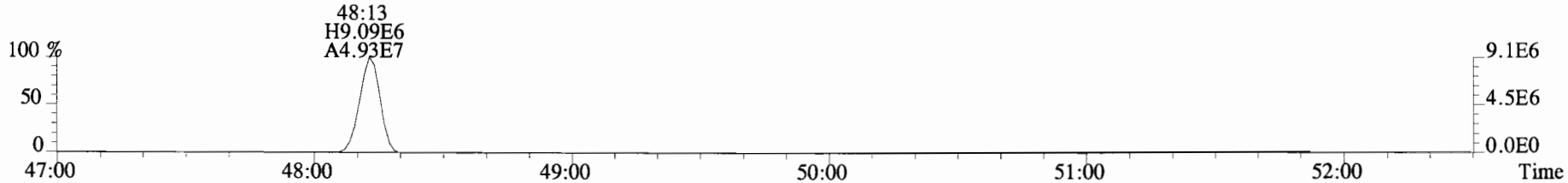
File:180208E1 #1-575 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



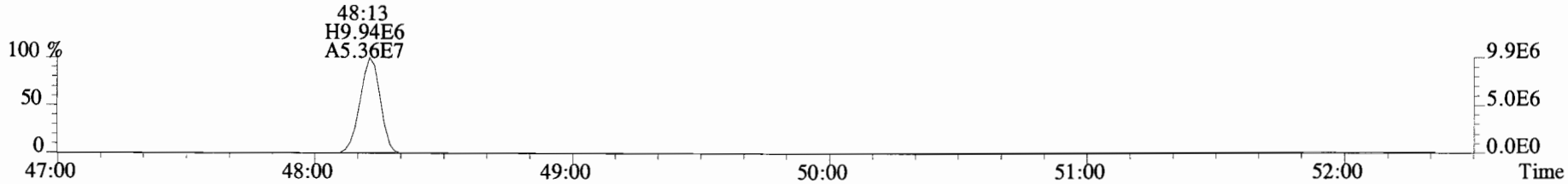
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



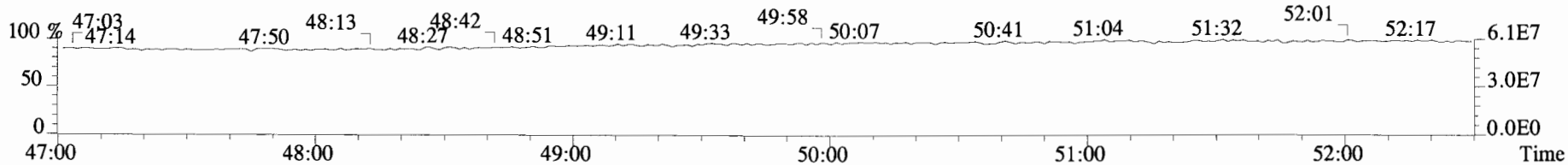
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



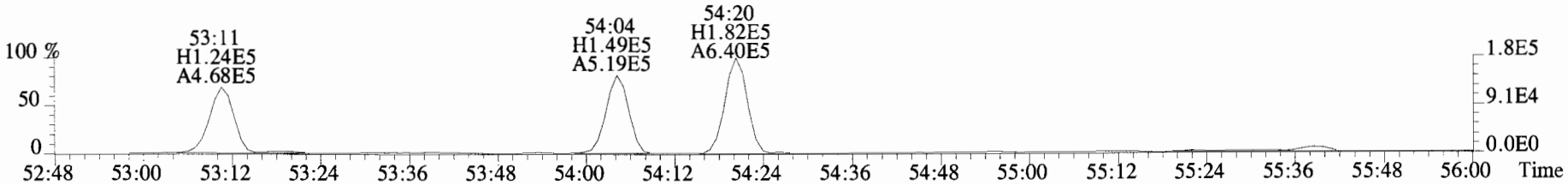
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1532.0,0.00%,F,F)



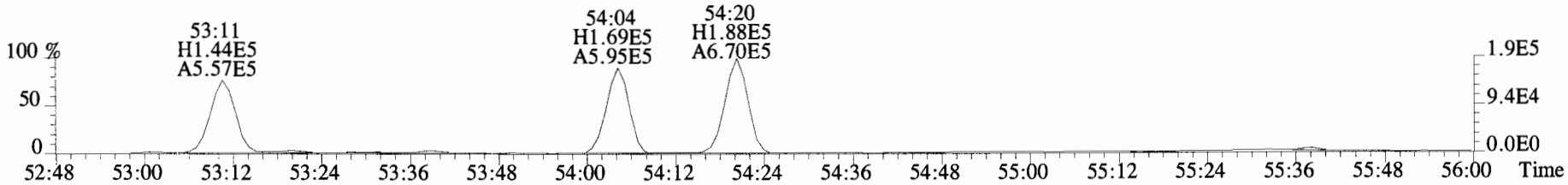
380.9760 S:2 F:4



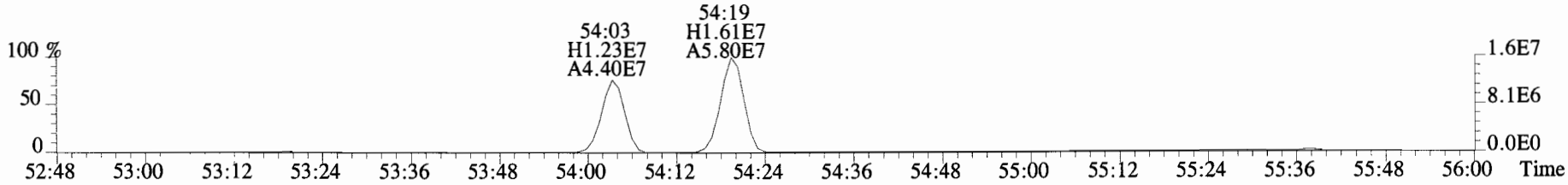
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



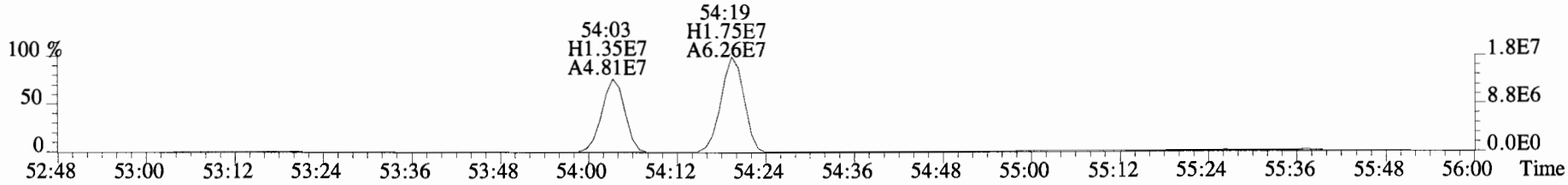
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



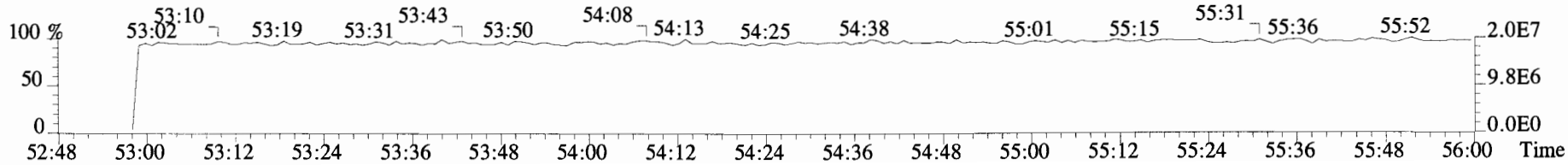
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8404.0,0.00%,F,F)



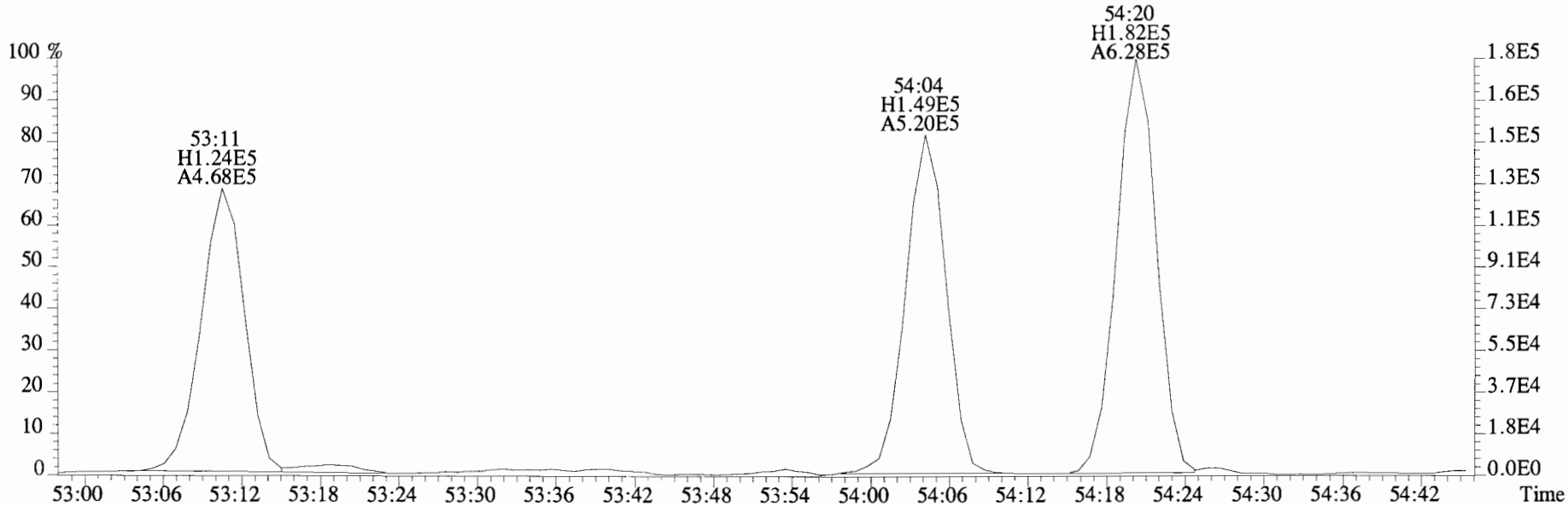
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11356.0,0.00%,F,F)



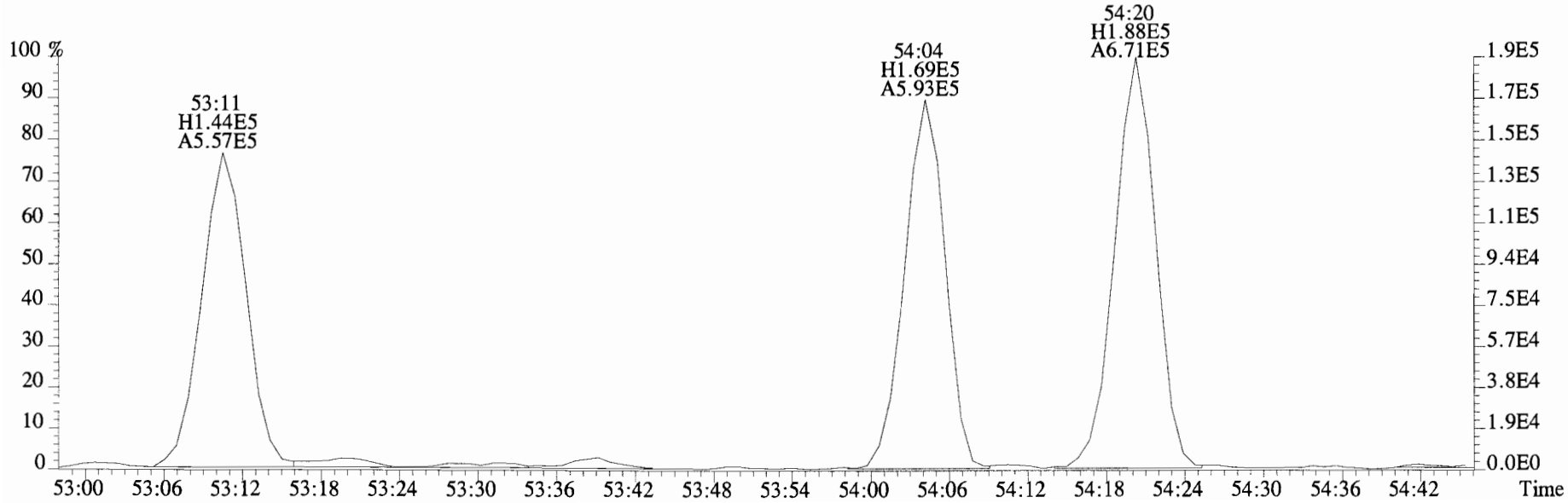
492.9697 S:2 F:5



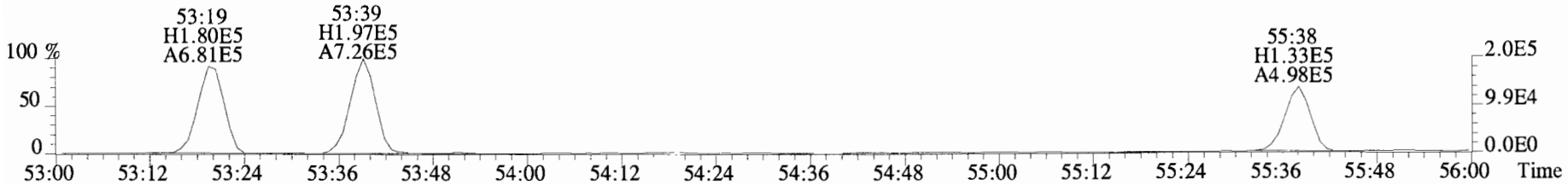
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1956.0,0.00%,F,F)



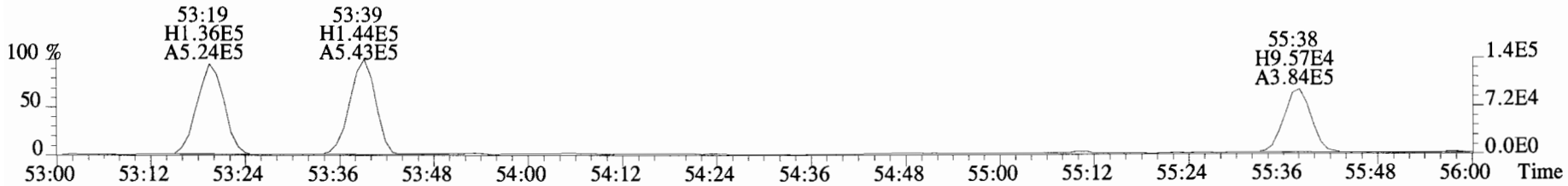
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



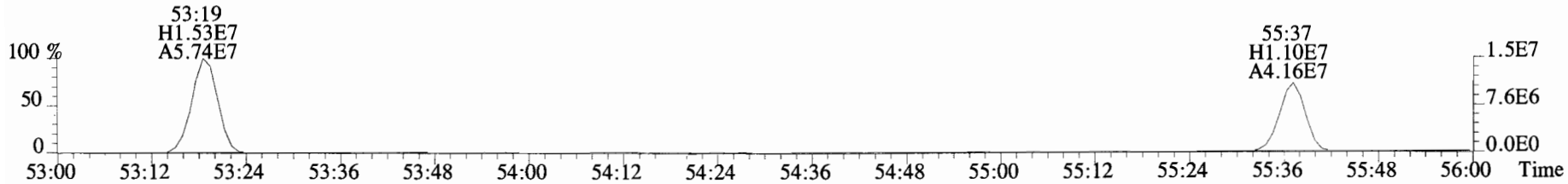
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



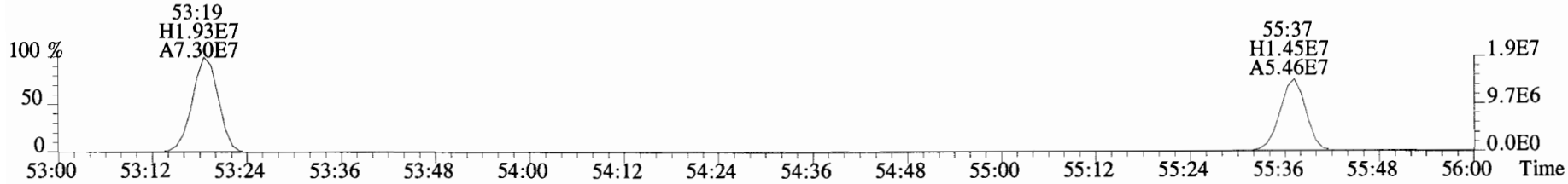
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



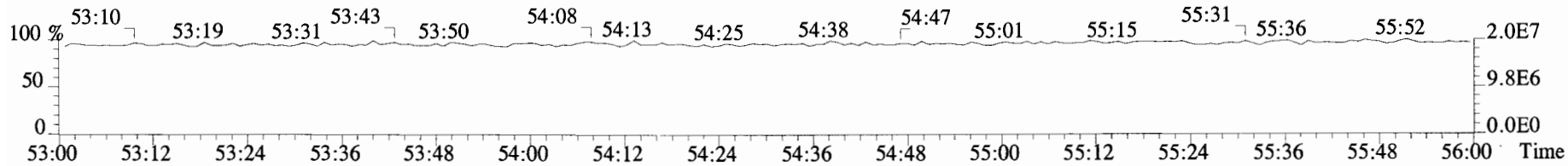
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52944.0,0.00%,F,F)



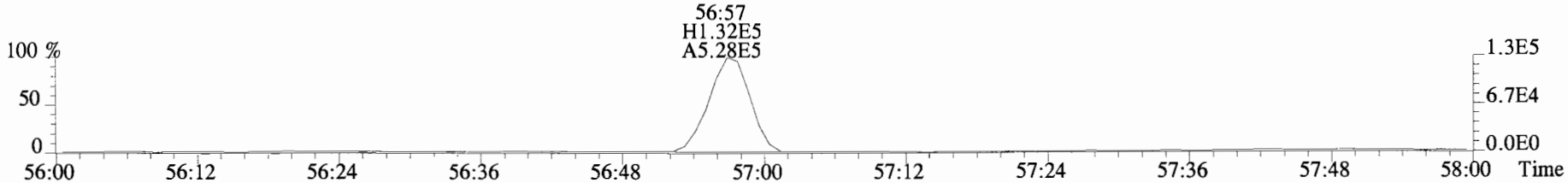
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60288.0,0.00%,F,F)



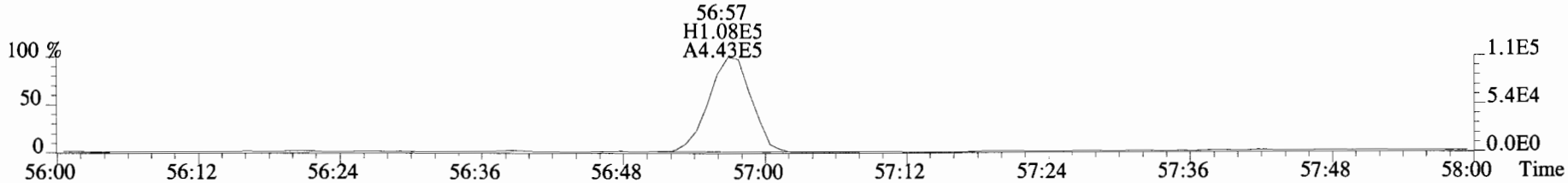
492.9697 S:2 F:5



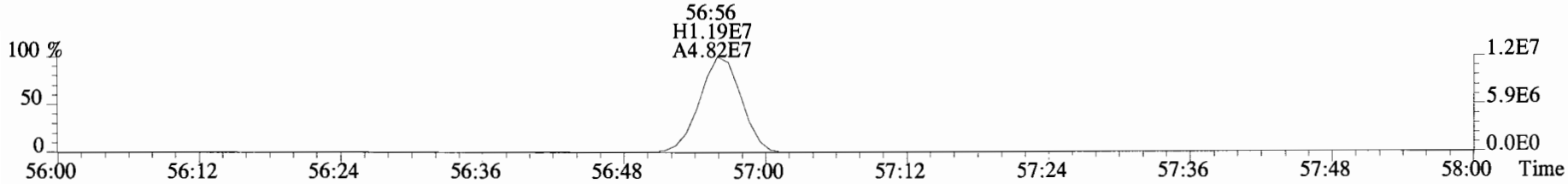
File:180208E1 #1-406 Acq: 8-FEB-2018 09:39:46 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-2 PCB CS1 17L3004 Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



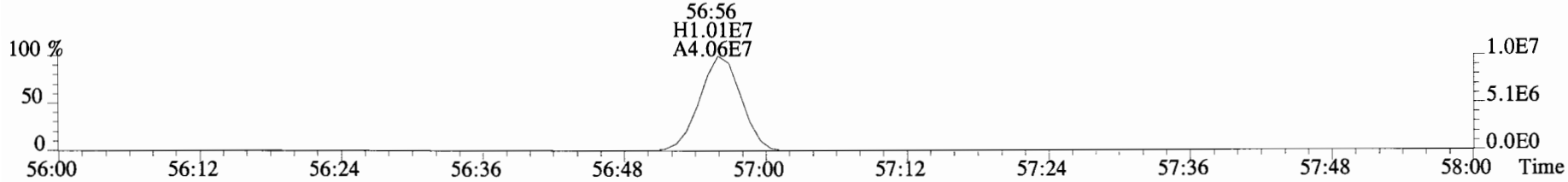
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



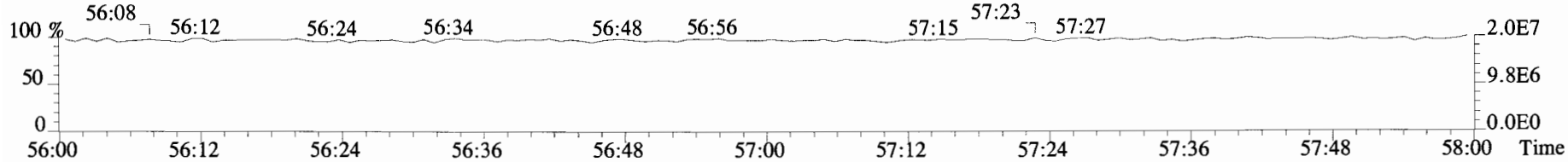
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



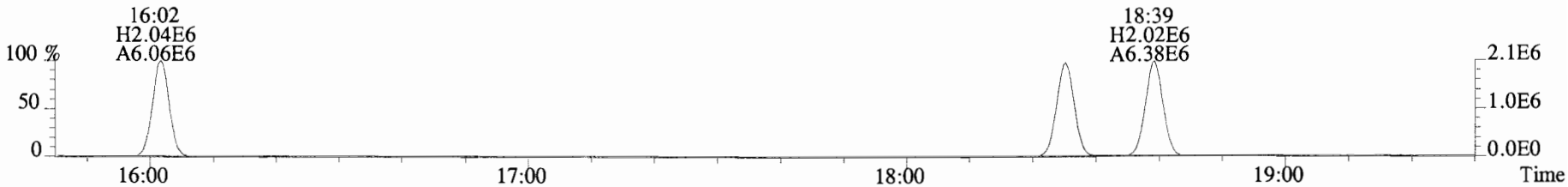
511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



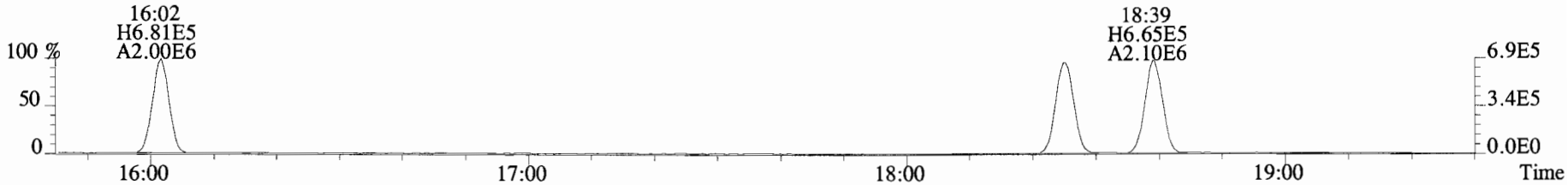
492.9697 S:2 F:5



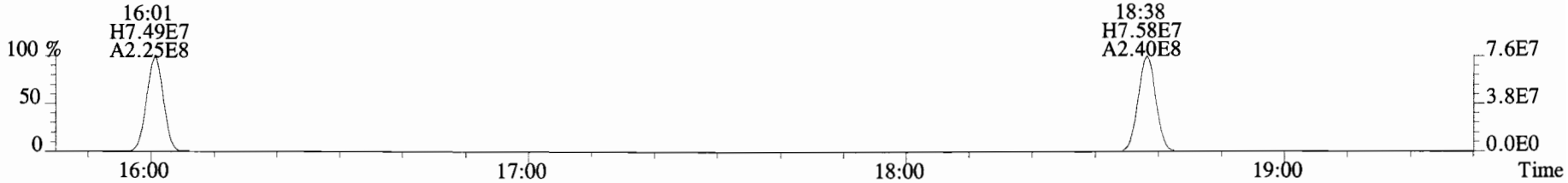
File:180208E1 #1-867 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12760.0,0.00%,F,F)



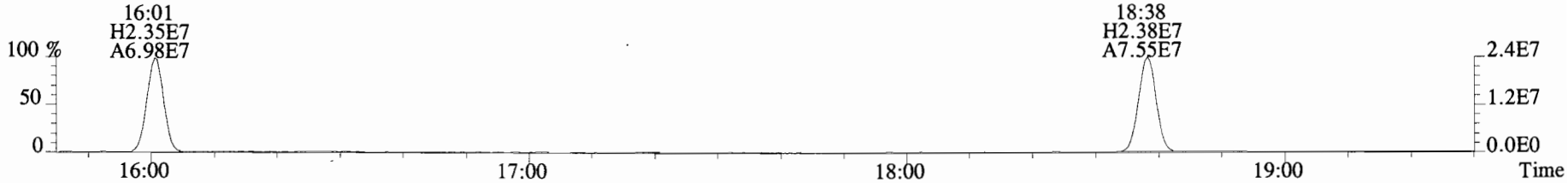
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7840.0,0.00%,F,F)



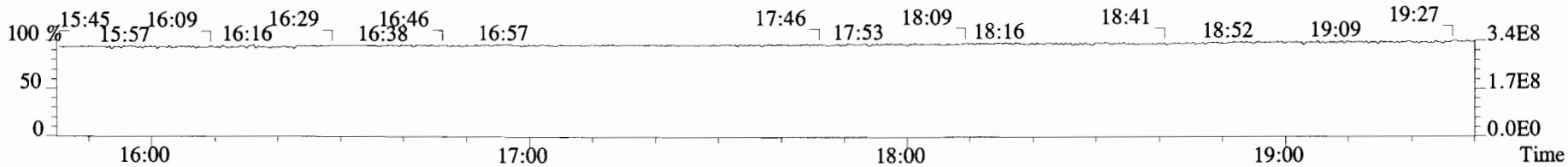
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9684.0,0.00%,F,F)



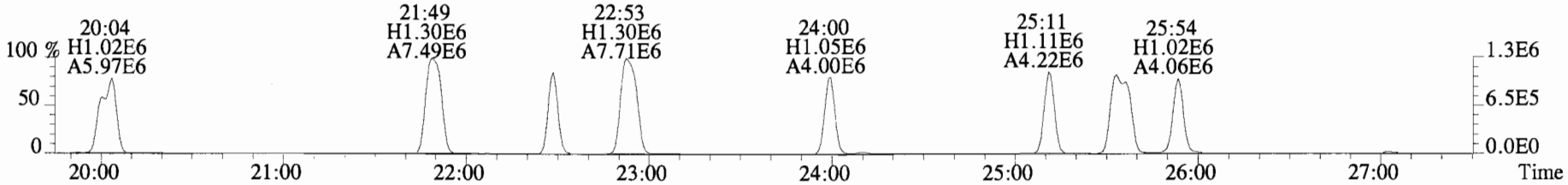
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,82544.0,0.00%,F,F)



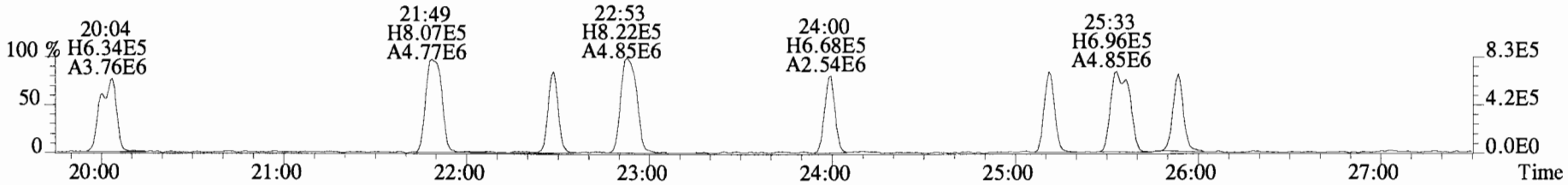
180.9880 S:3



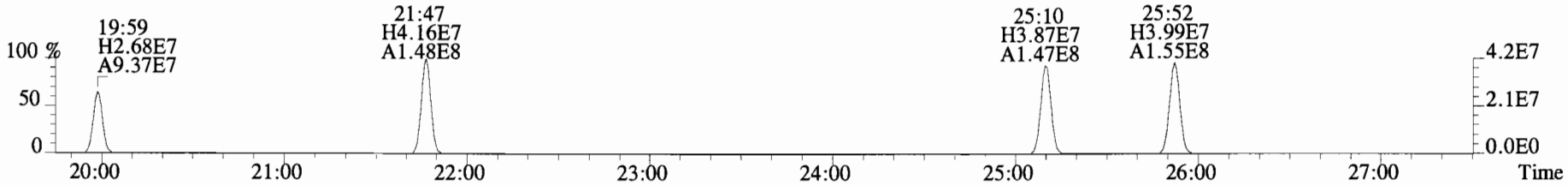
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



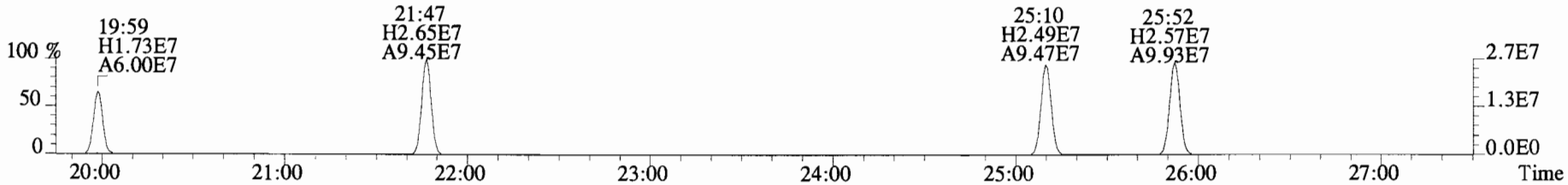
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14968.0,0.00%,F,F)



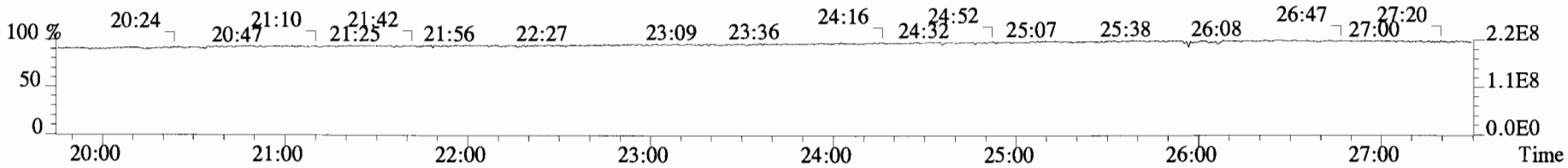
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6620.0,0.00%,F,F)



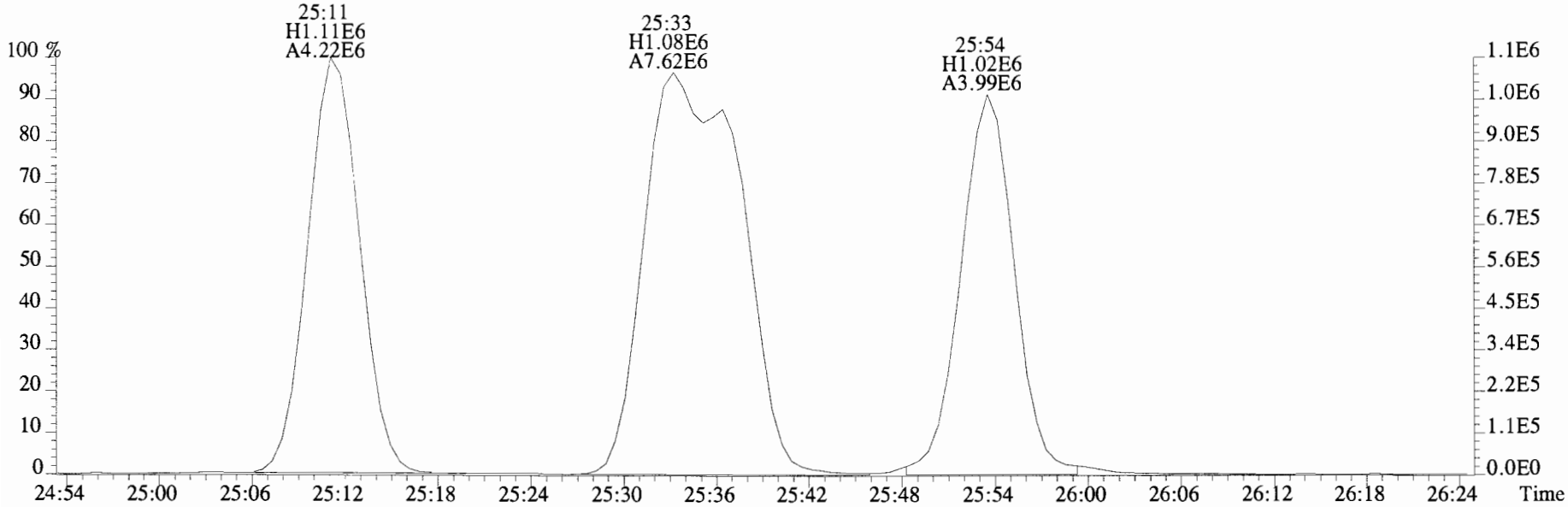
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5296.0,0.00%,F,F)



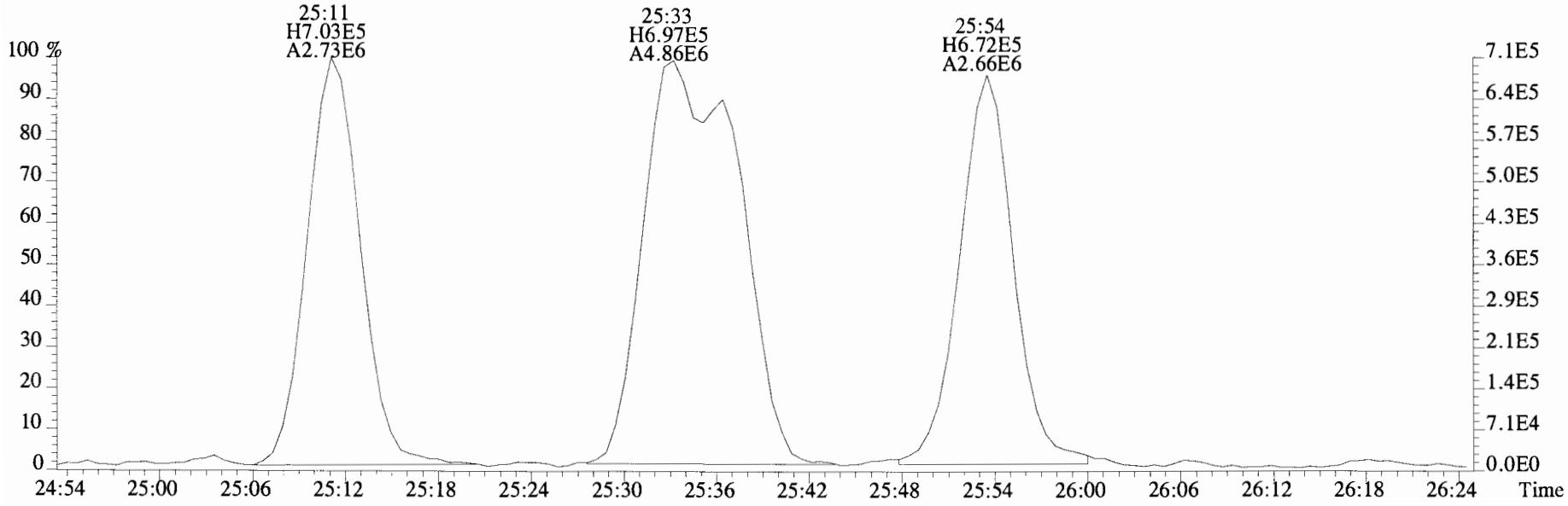
230.9856 S:3 F:2



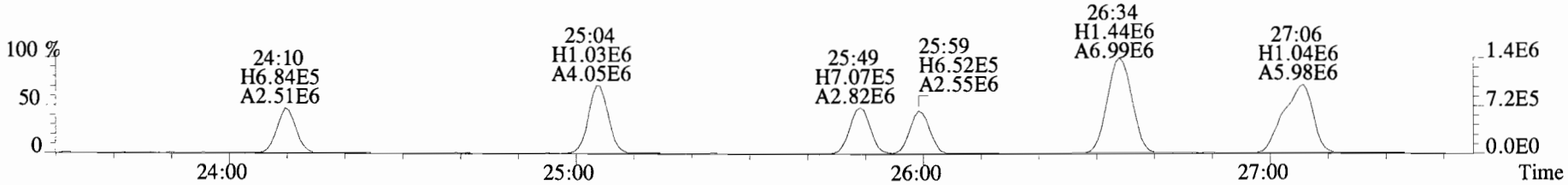
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2700.0,0.00%,F,F)



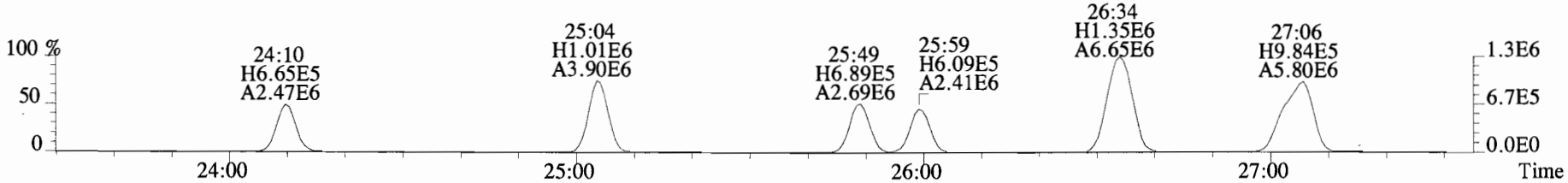
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14968.0,0.00%,F,F)



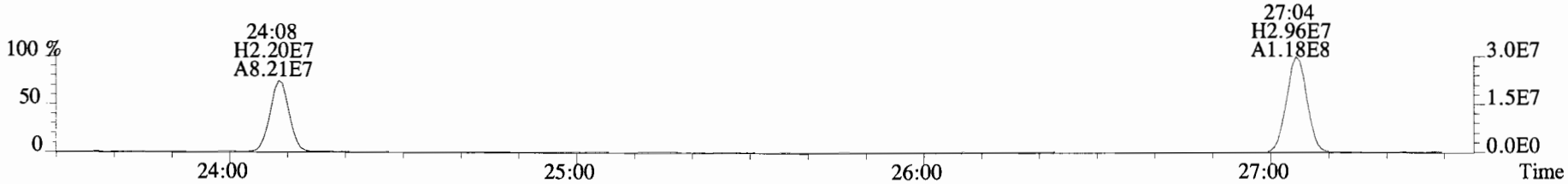
File:180208E1 #1-757 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4124.0,0.00%,F,F)



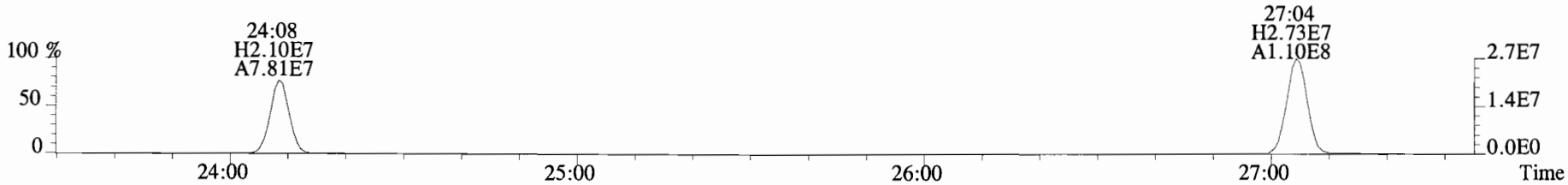
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



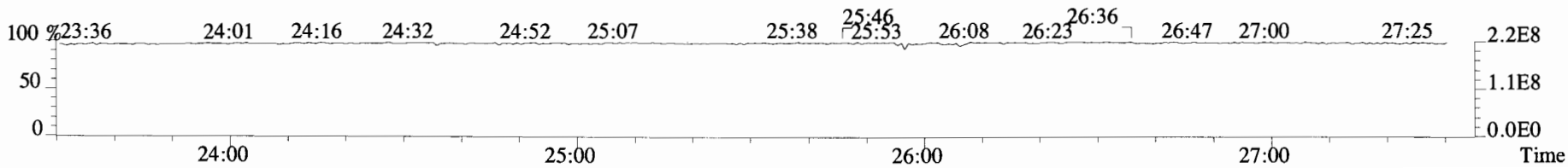
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96708.0,0.00%,F,F)



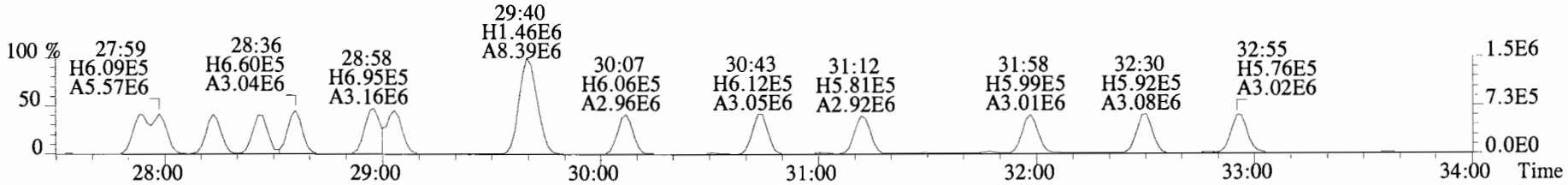
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42044.0,0.00%,F,F)



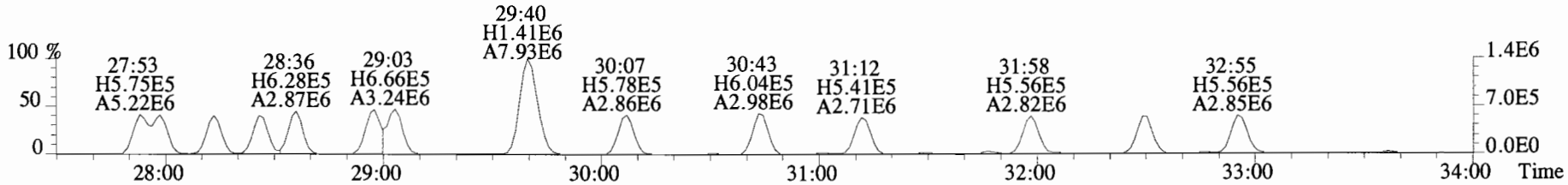
230.9856 S:3 F:2



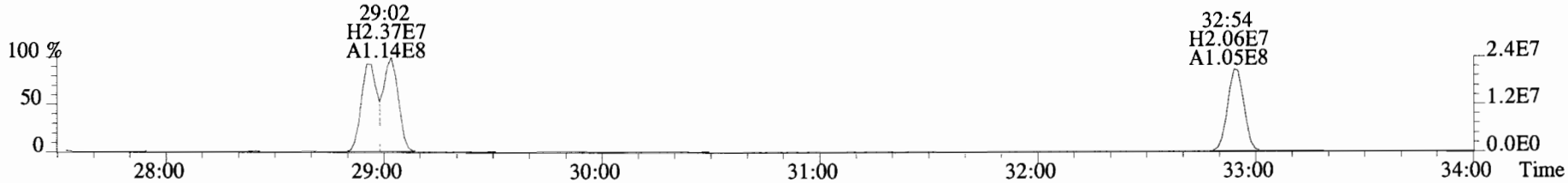
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



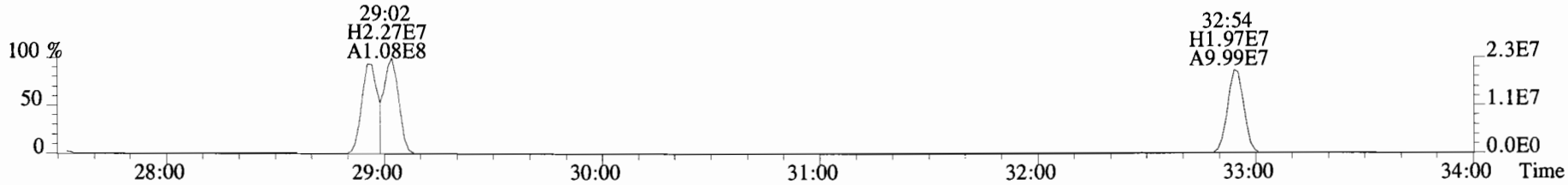
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



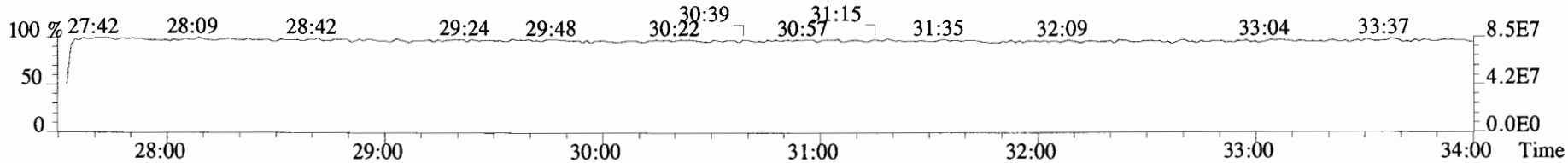
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101400.0,0.00%,F,F)



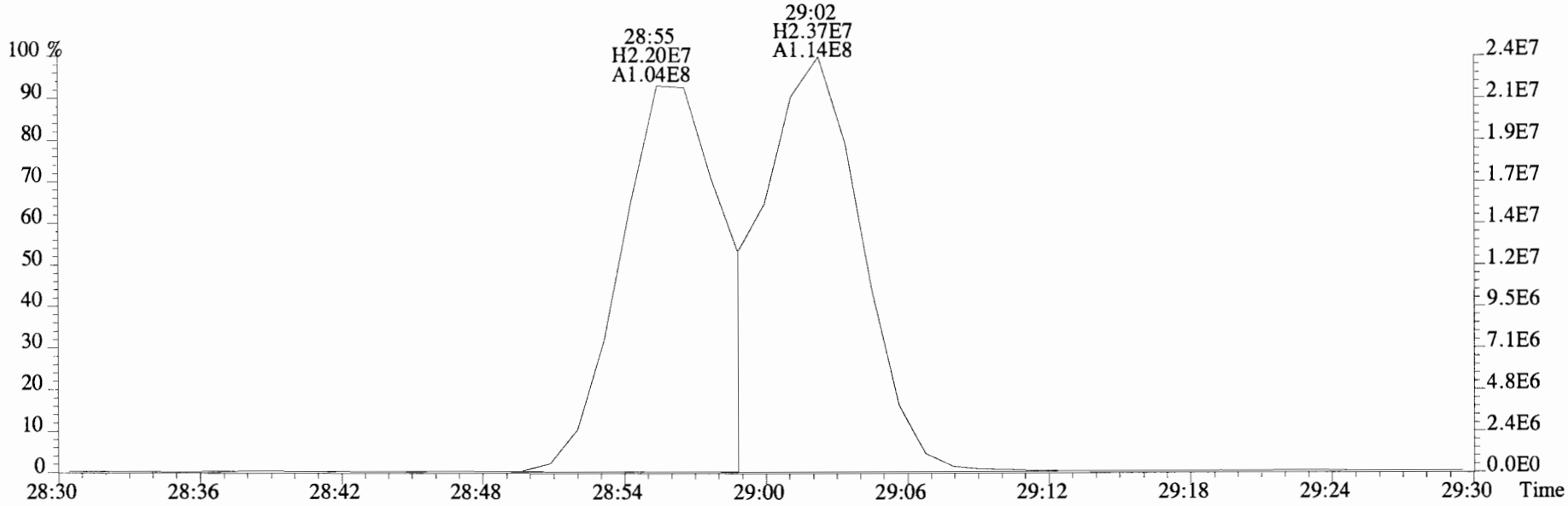
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25516.0,0.00%,F,F)



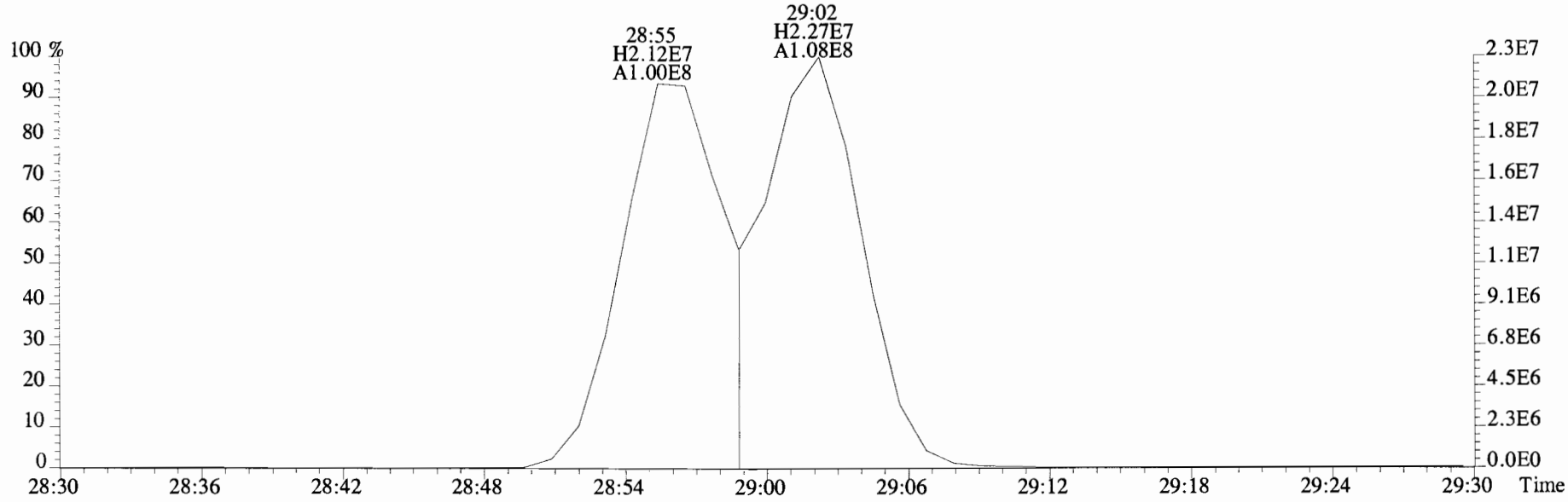
330.9792 S:3 F:3



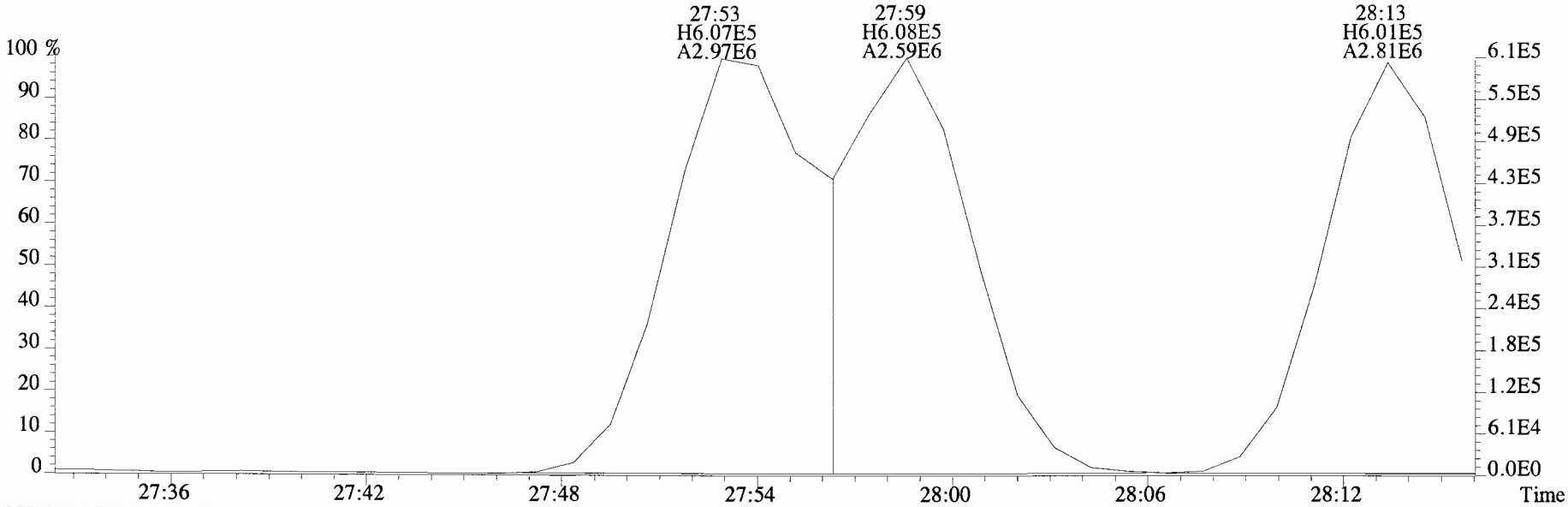
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101400.0,0.00%,F,F)



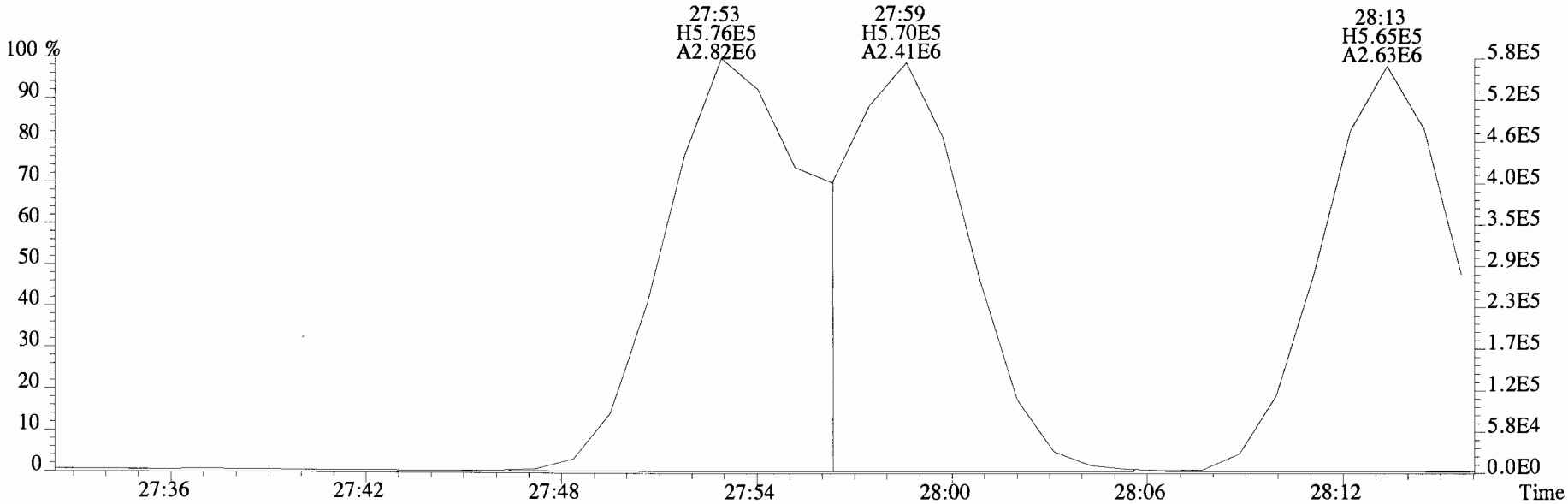
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25516.0,0.00%,F,F)



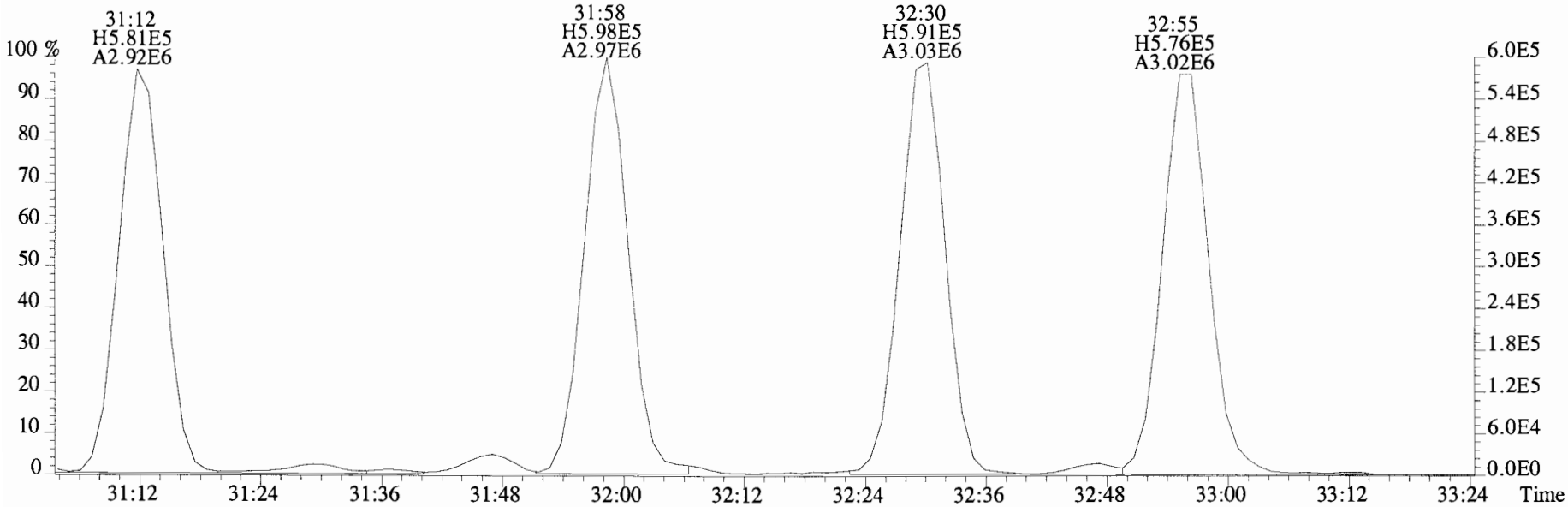
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



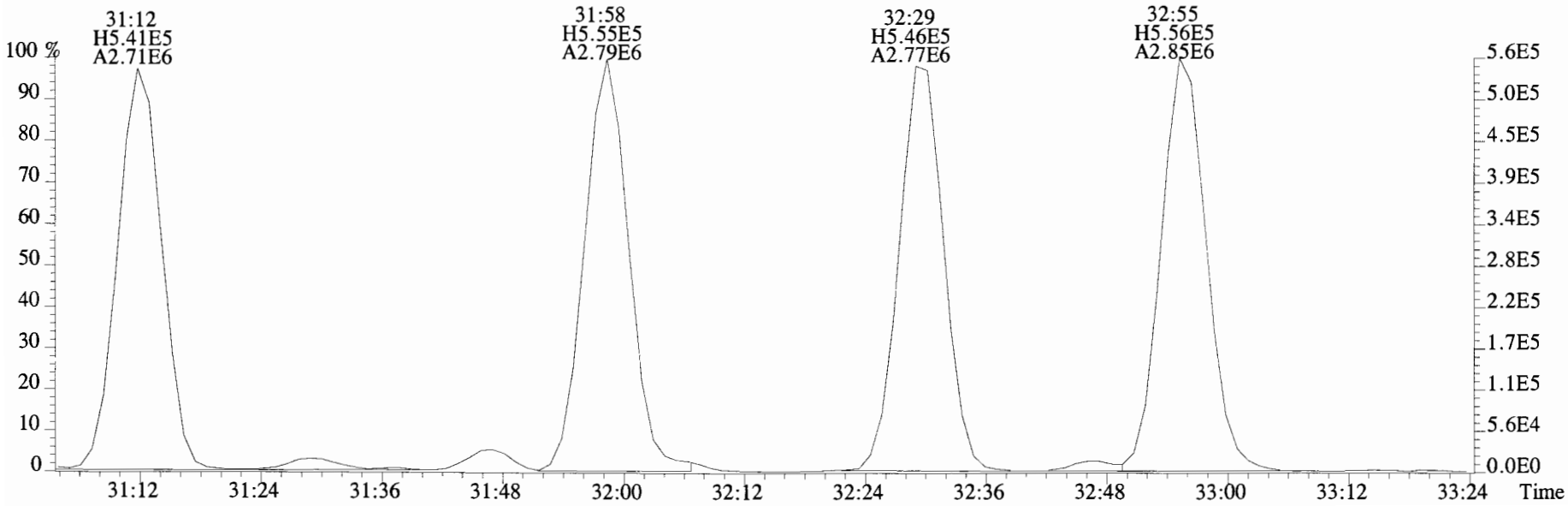
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



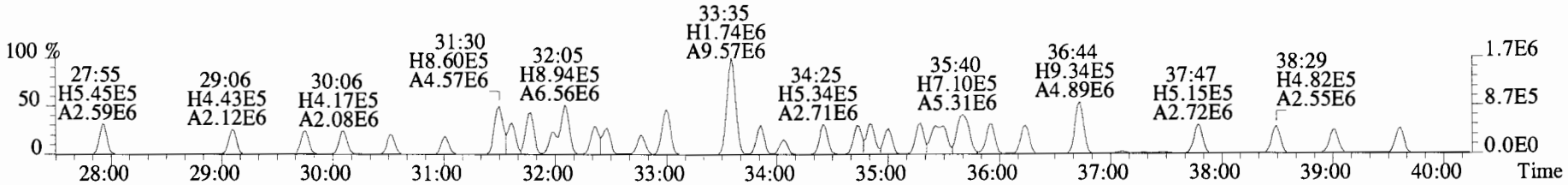
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4104.0,0.00%,F,F)



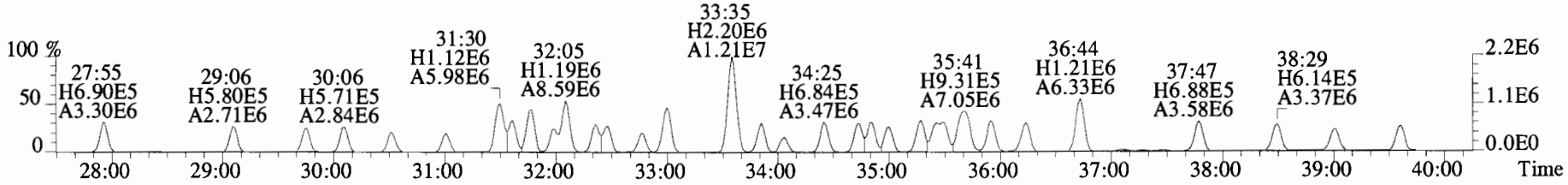
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



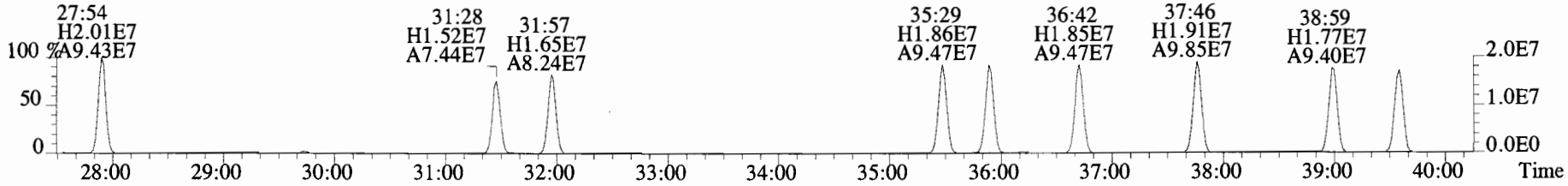
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



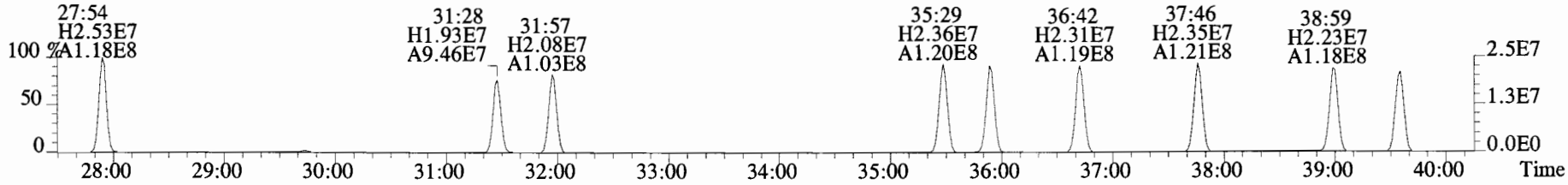
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



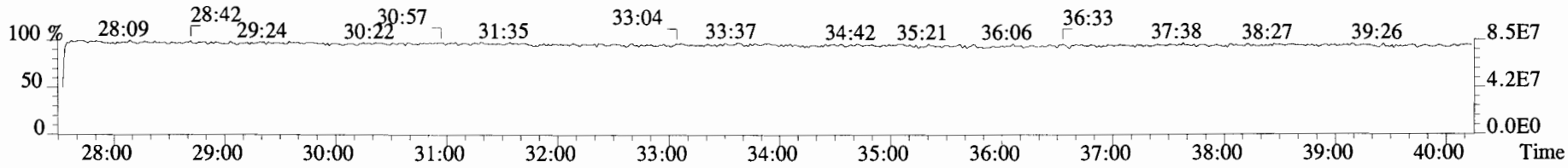
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



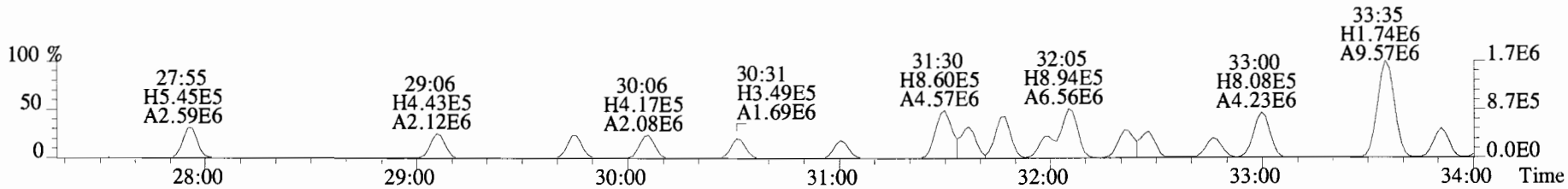
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



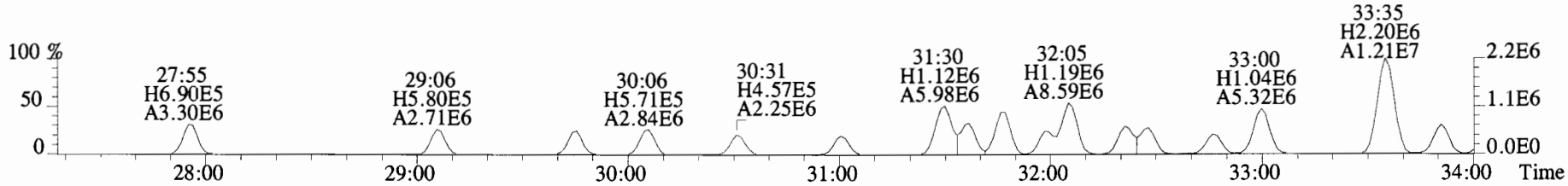
330.9792 S:3 F:3



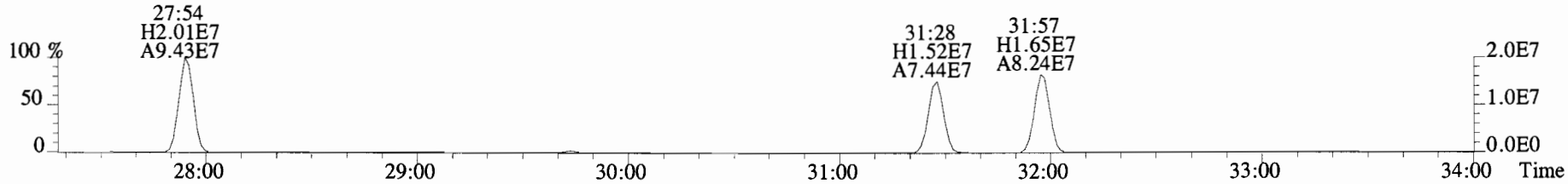
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



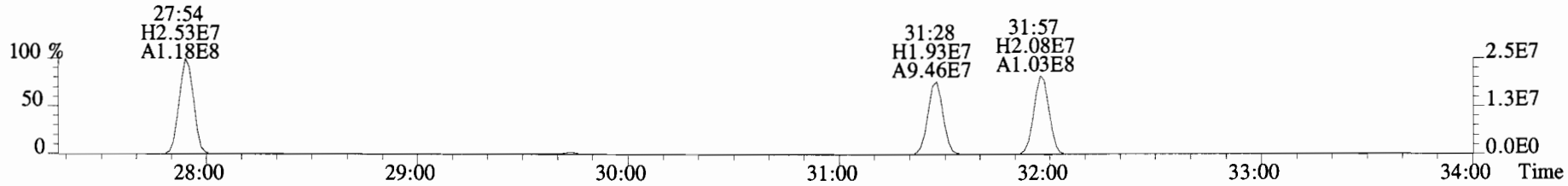
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



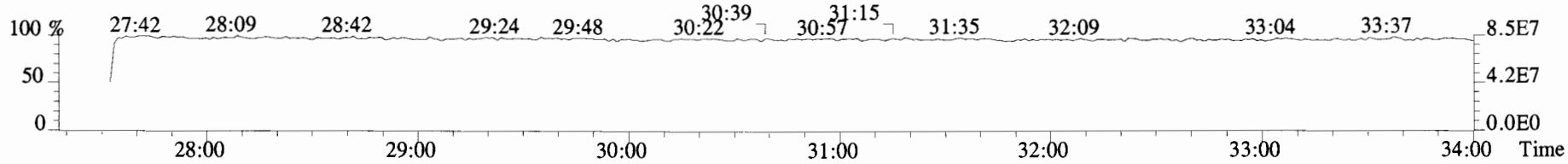
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



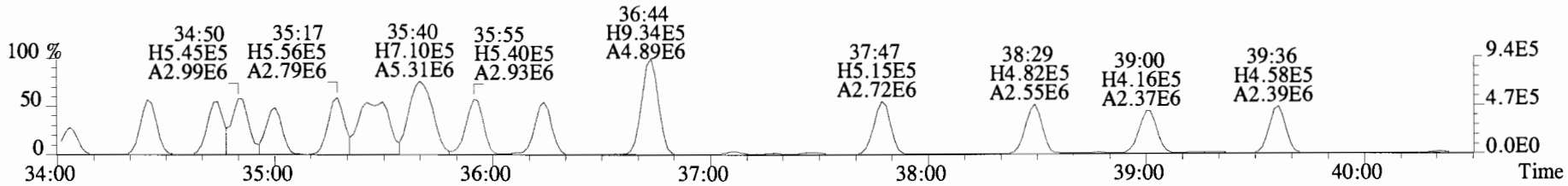
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



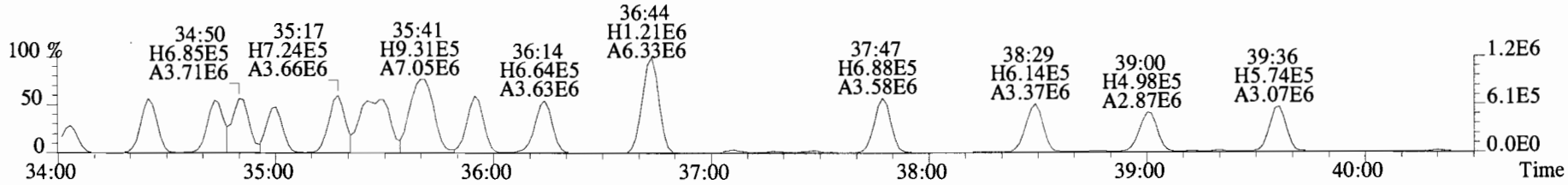
330.9792 S:3 F:3



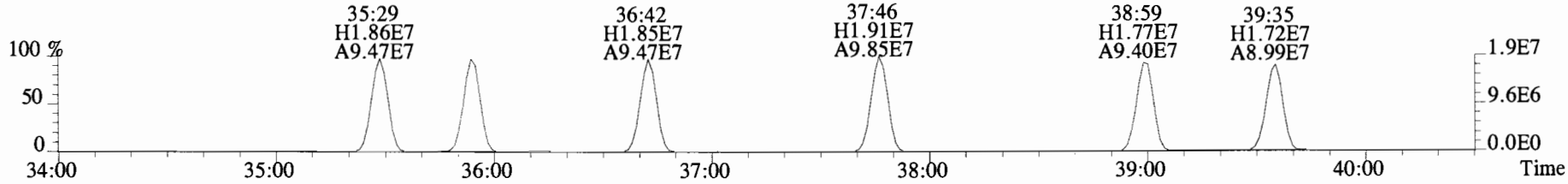
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



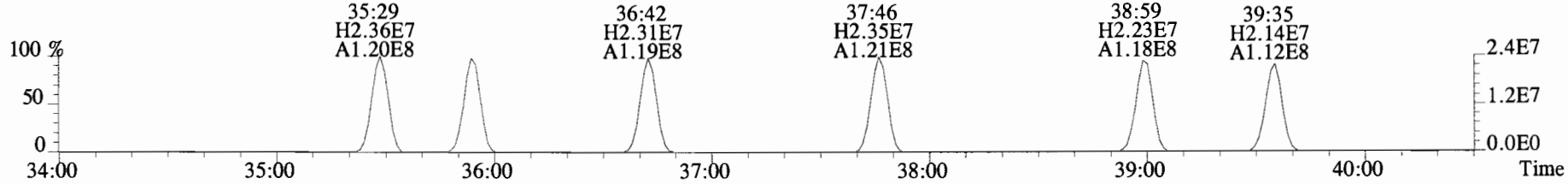
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



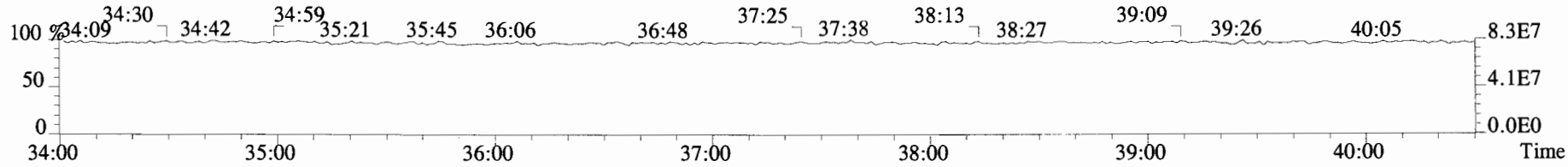
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



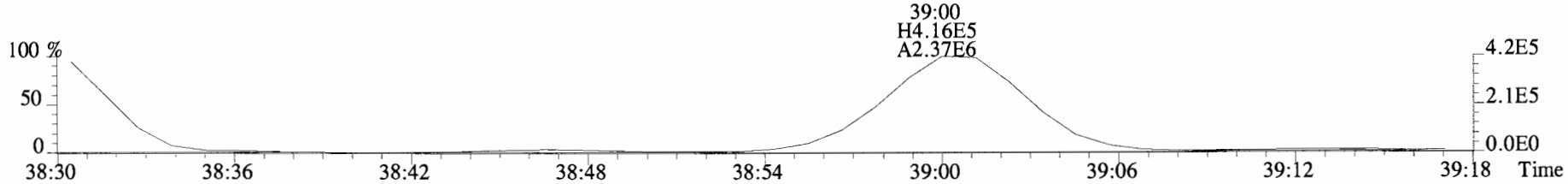
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



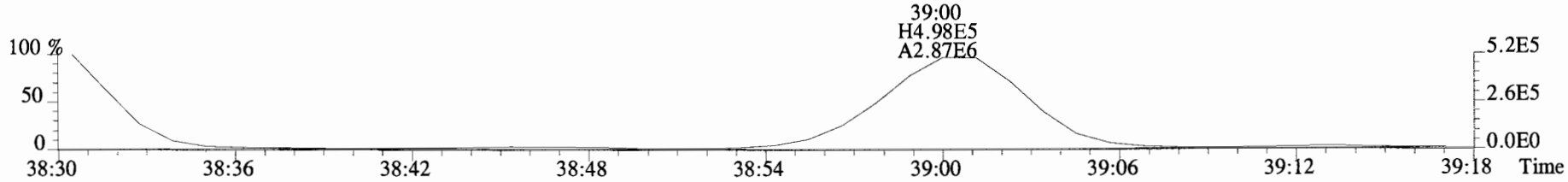
330.9792 S:3 F:3



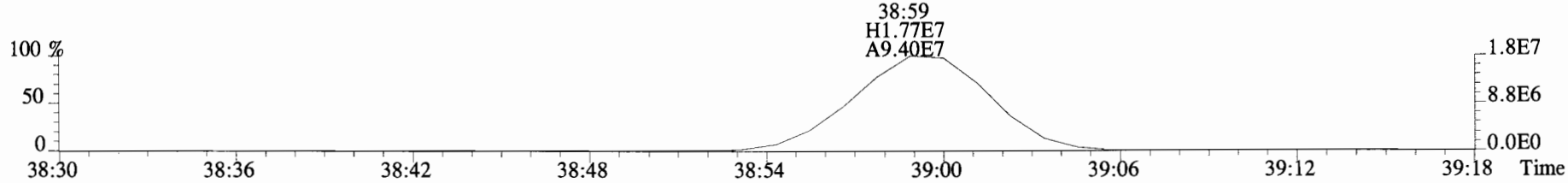
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



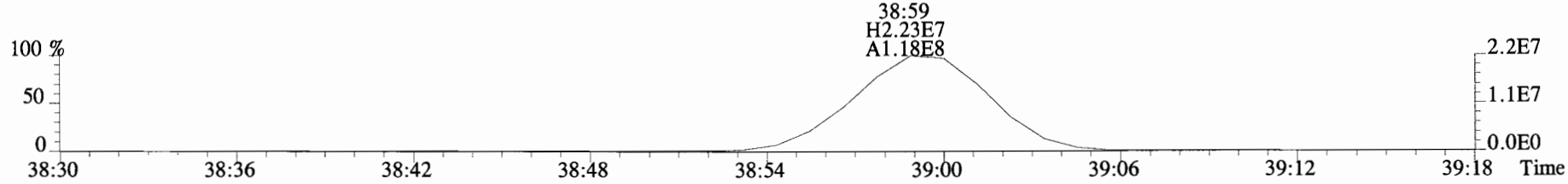
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



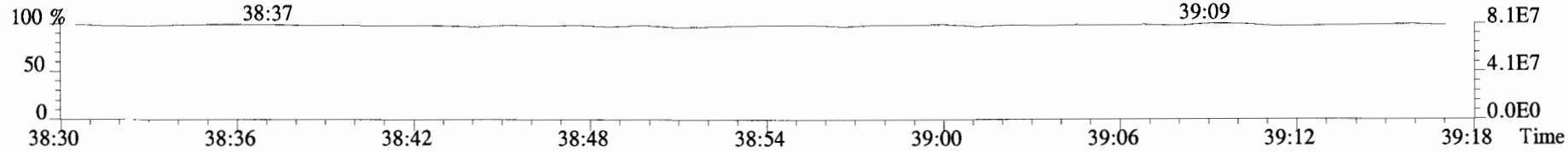
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



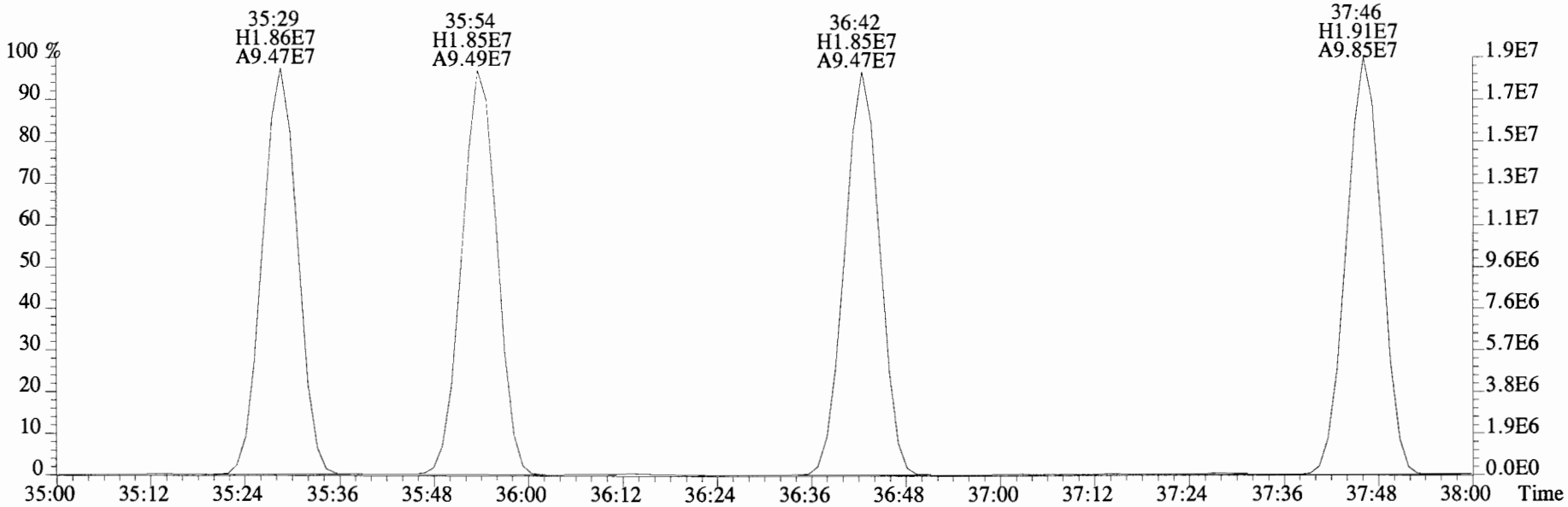
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



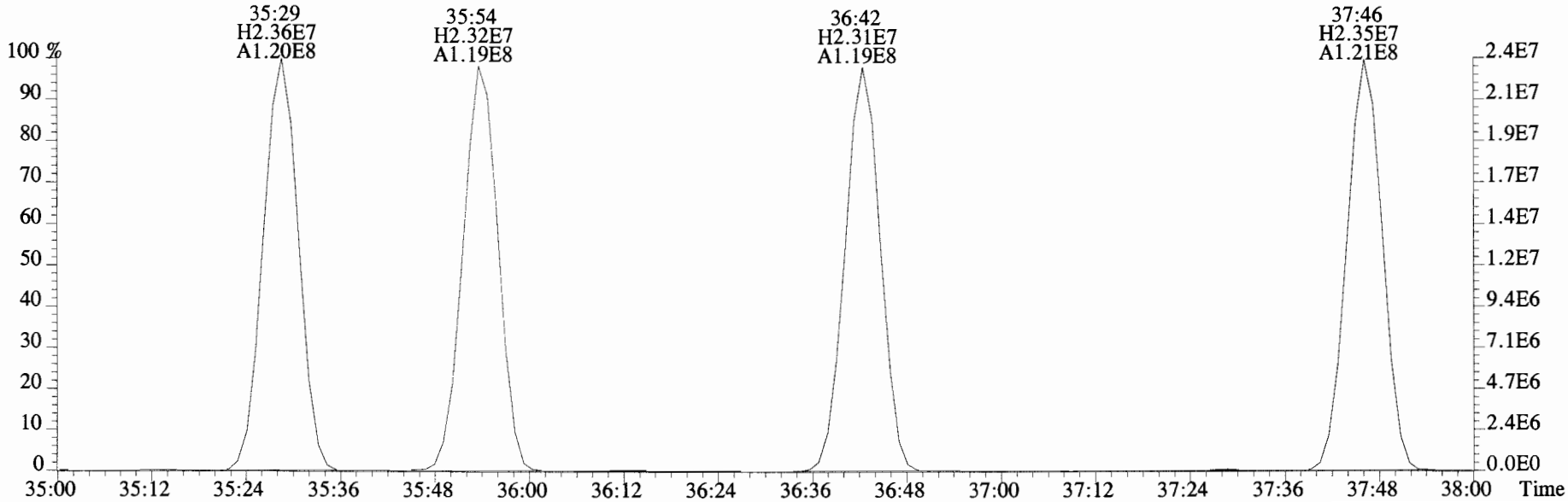
330.9792 S:3 F:3



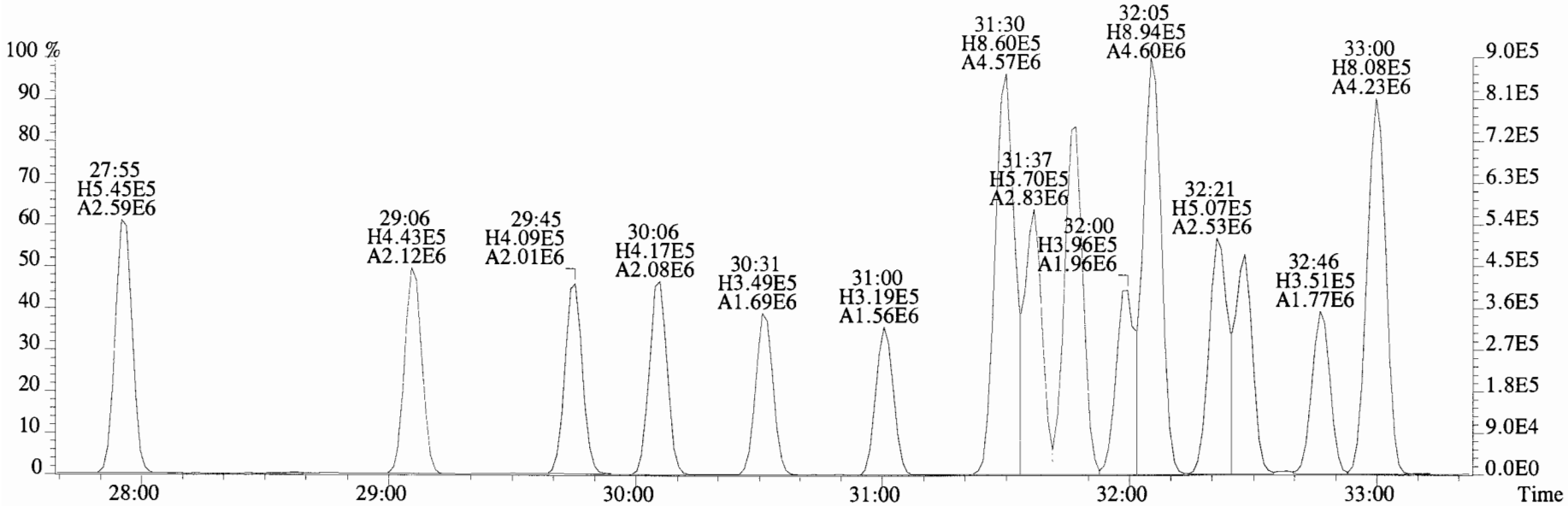
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39160.0,0.00%,F,F)



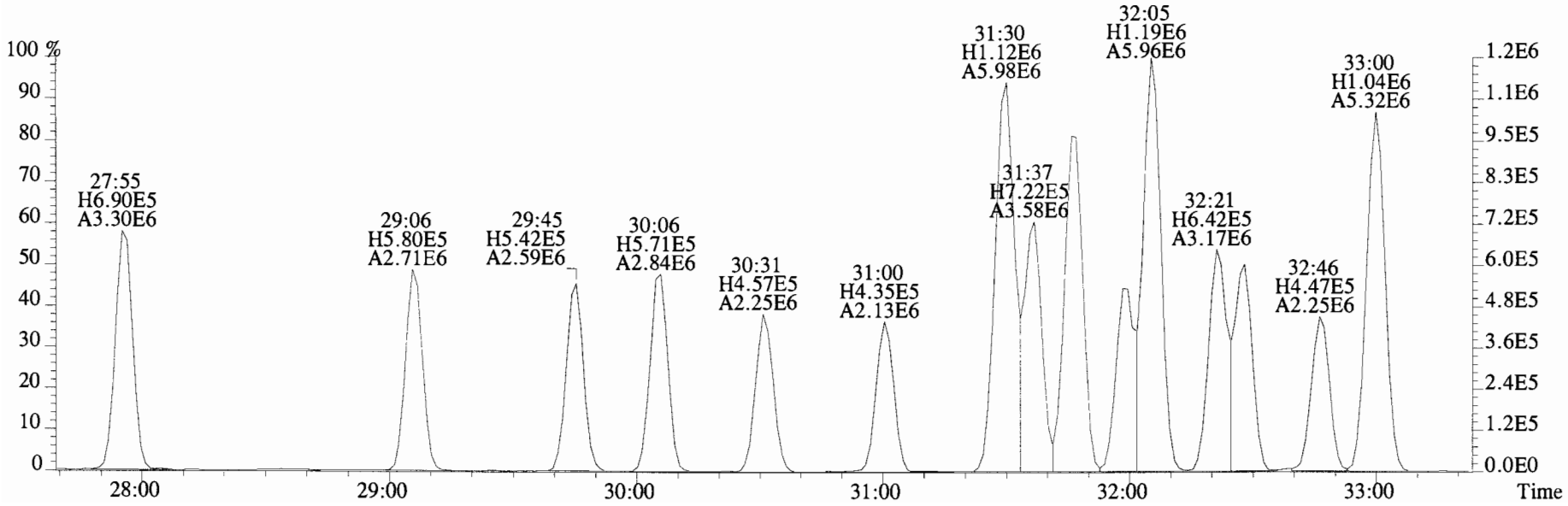
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22808.0,0.00%,F,F)



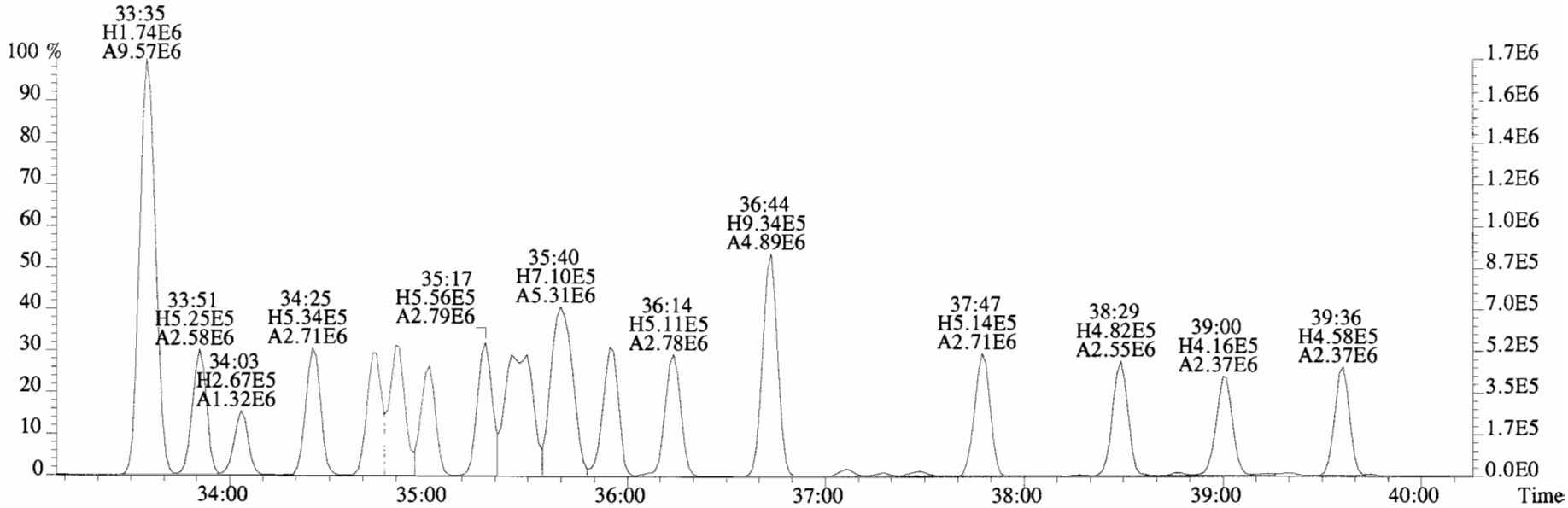
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



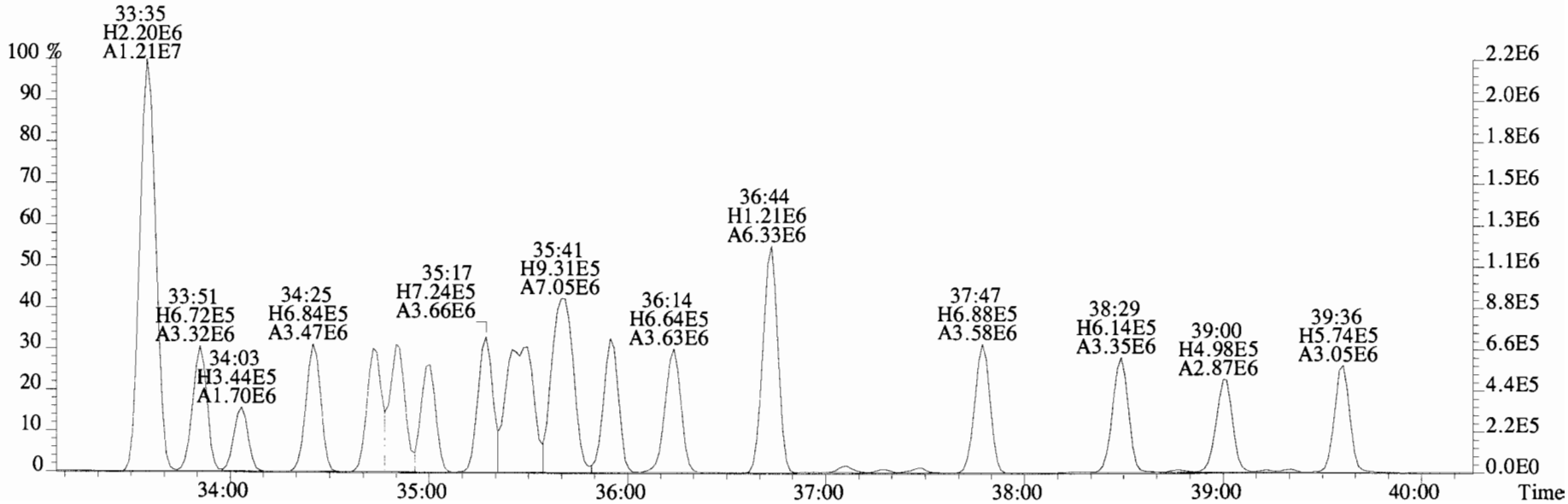
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



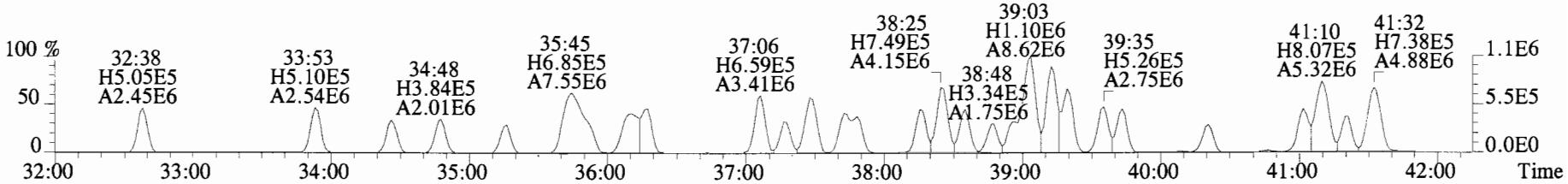
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3152.0,0.00%,F,F)



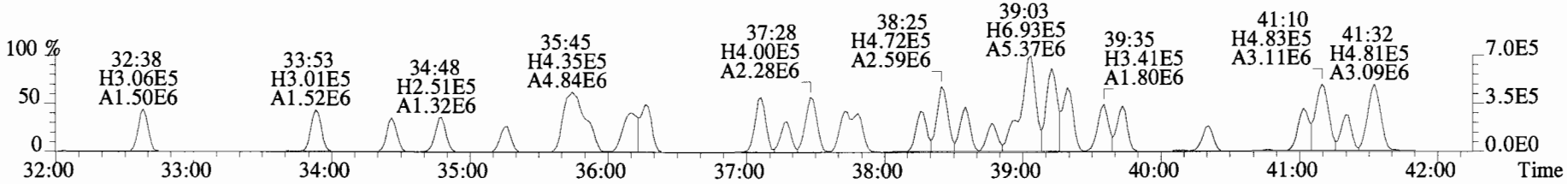
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



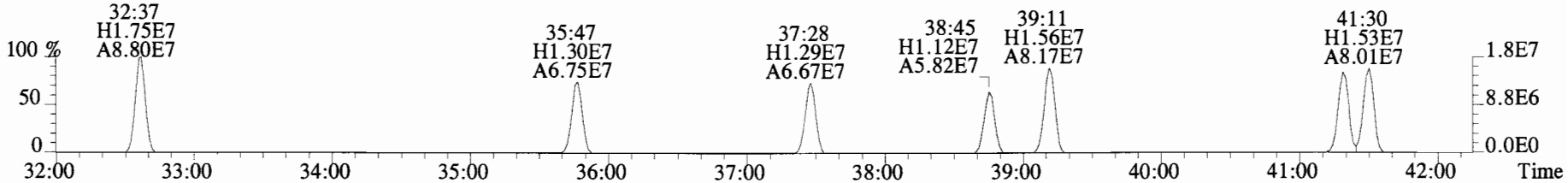
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



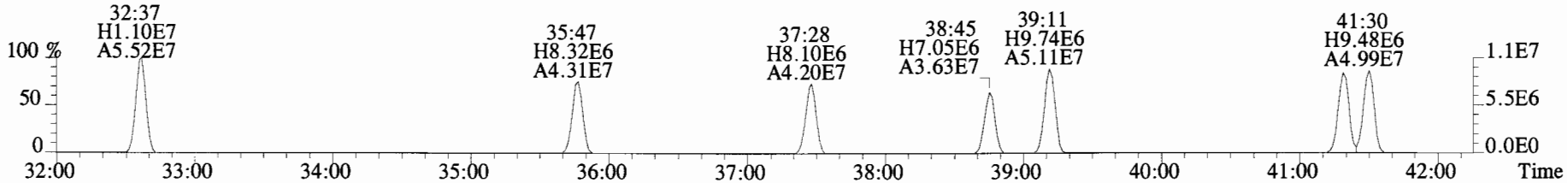
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



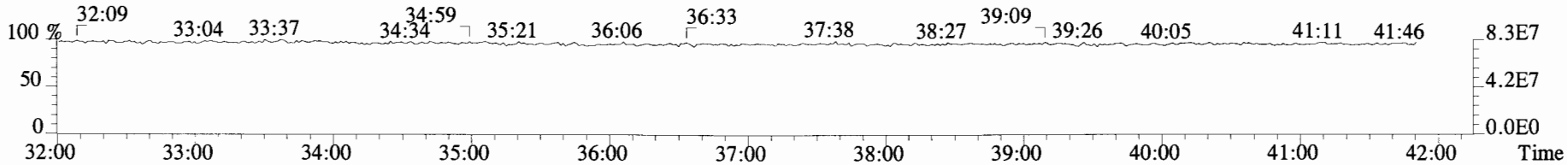
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



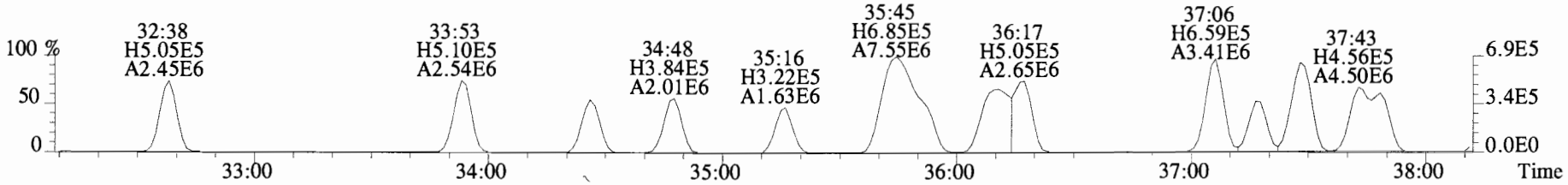
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



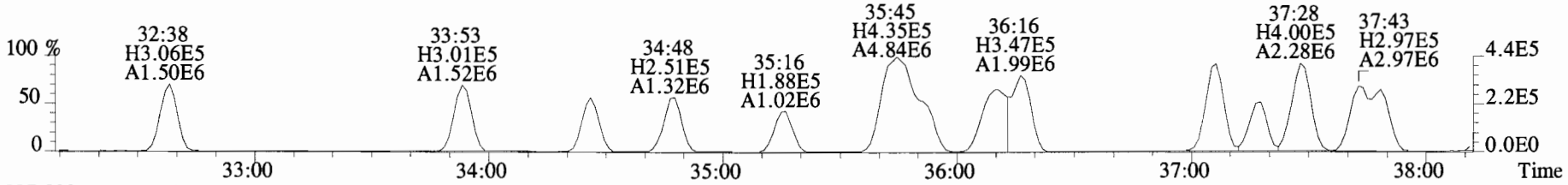
330.9792 S:3 F:3



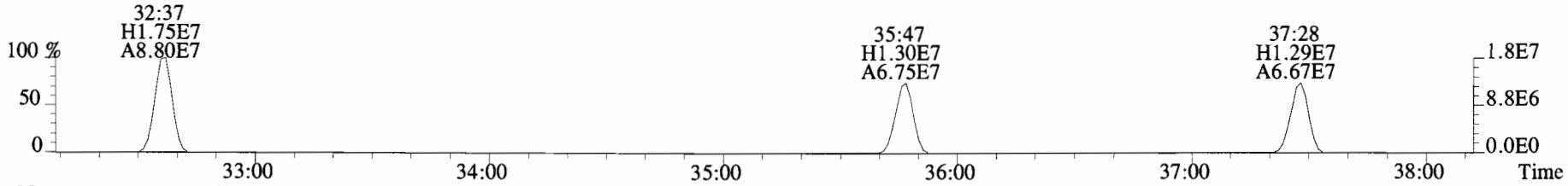
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



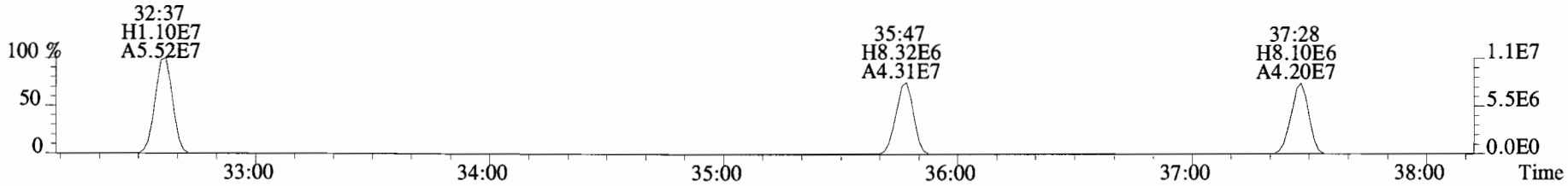
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



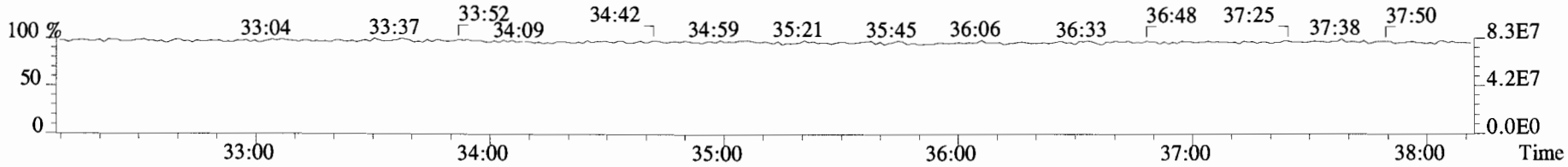
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



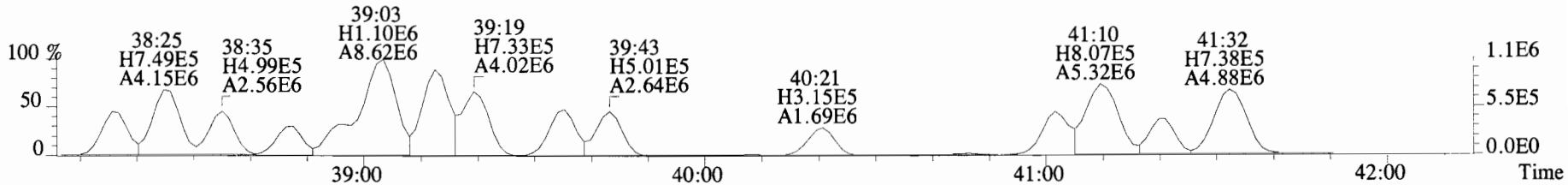
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



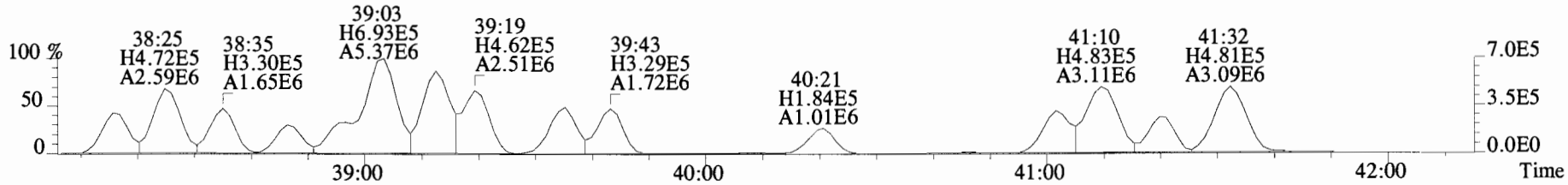
330.9792 S:3 F:3



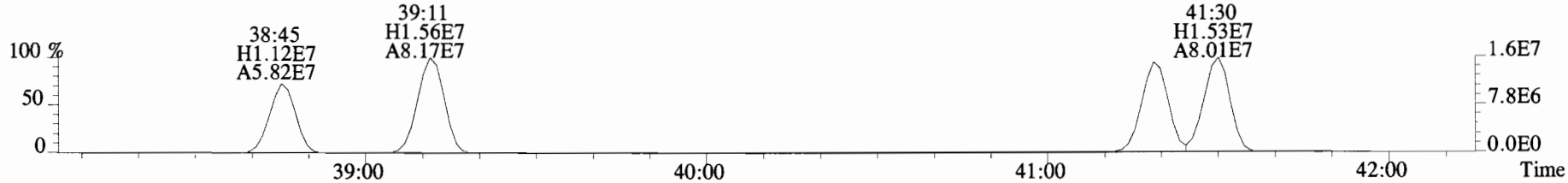
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



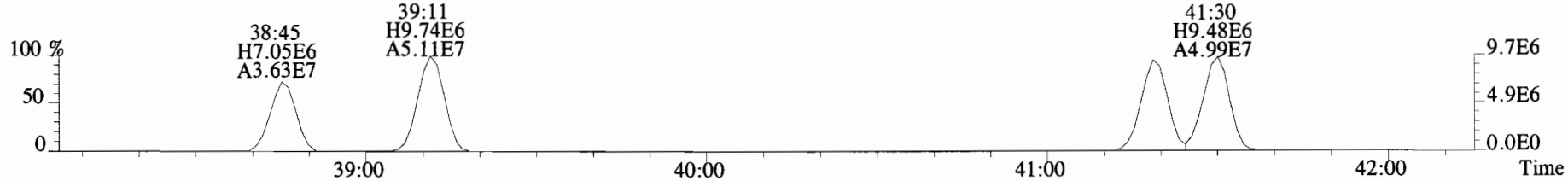
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



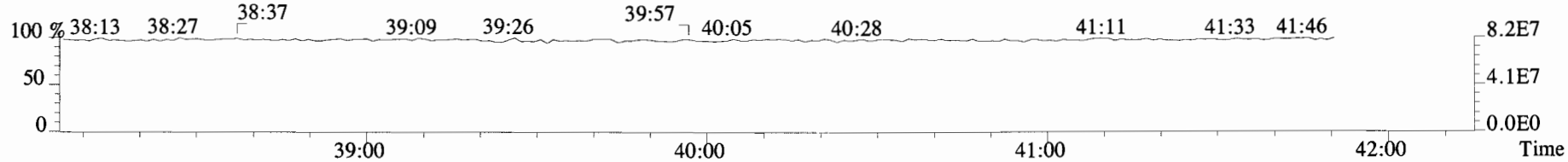
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



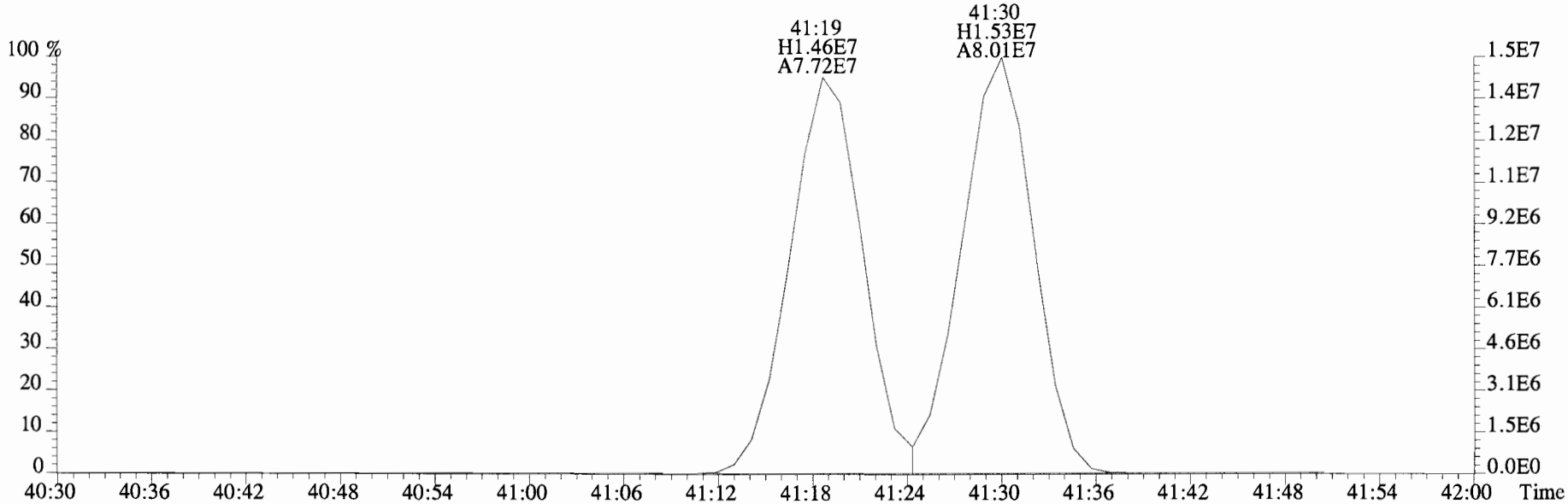
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



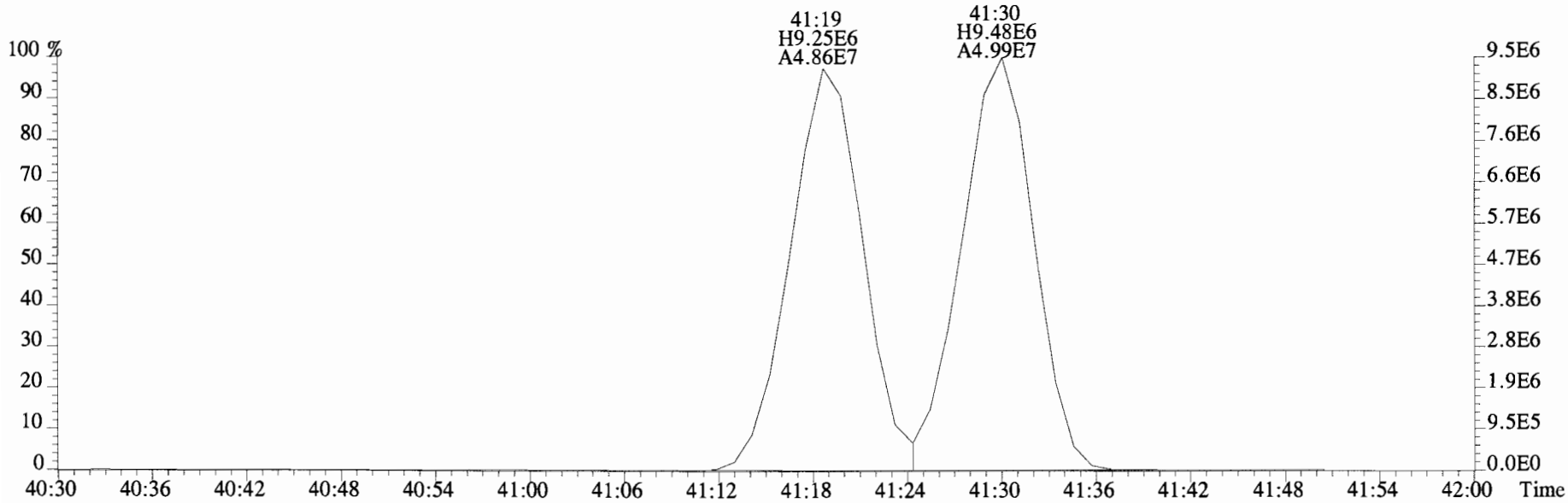
330.9792 S:3 F:3



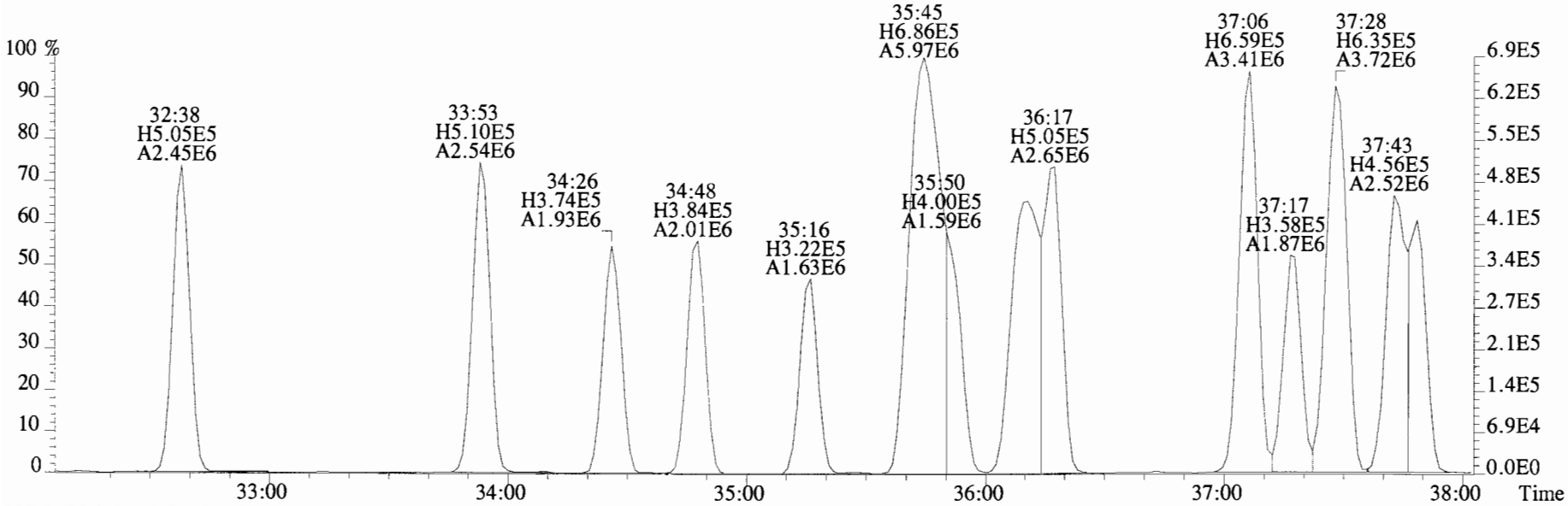
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4520.0,0.00%,F,F)



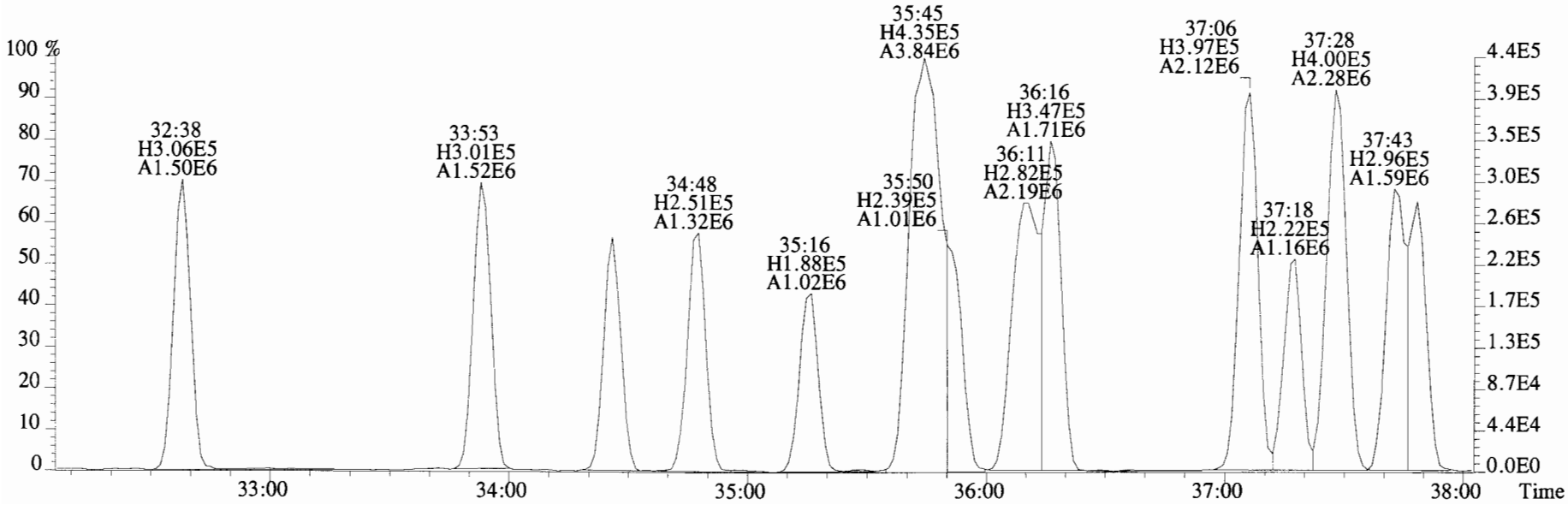
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4420.0,0.00%,F,F)



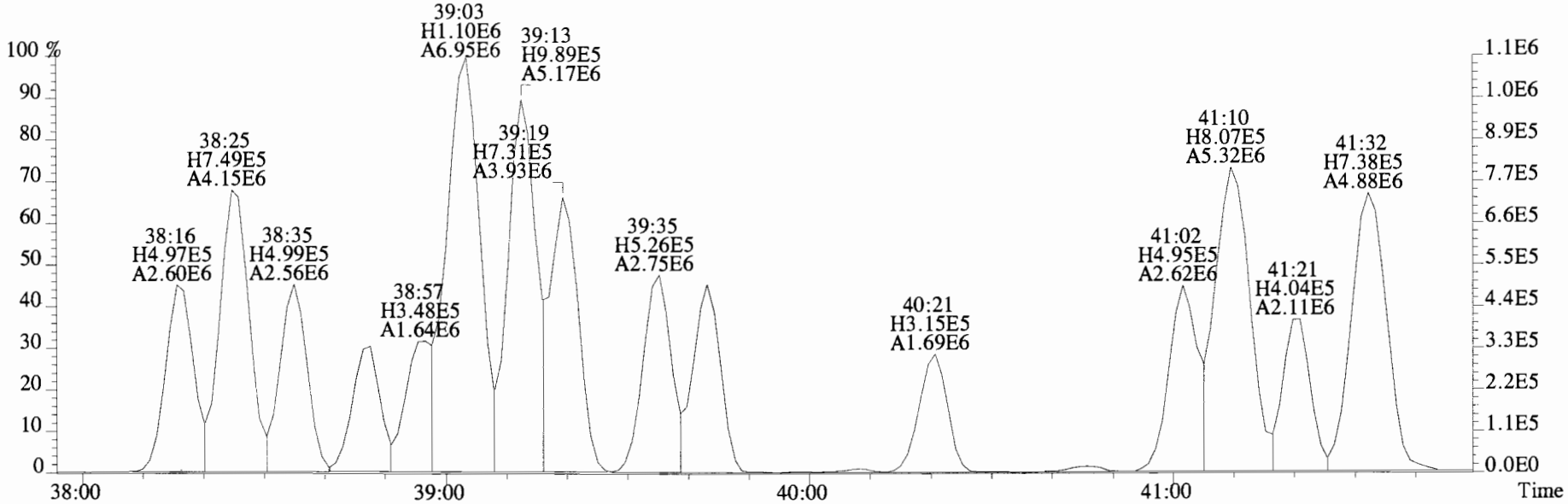
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



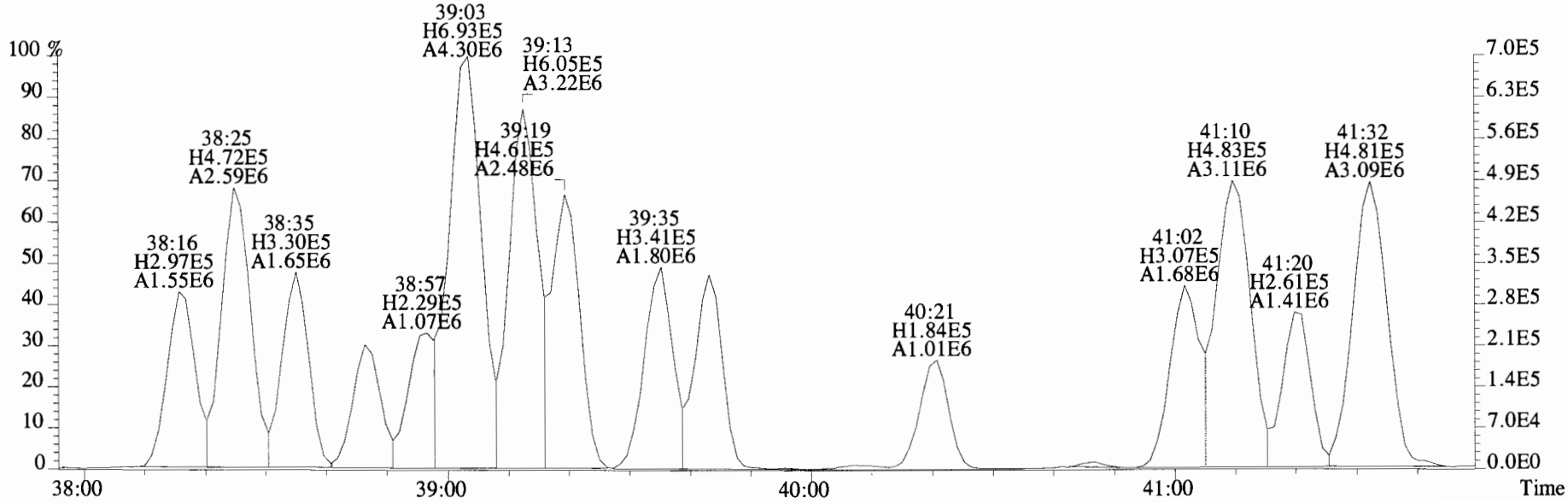
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



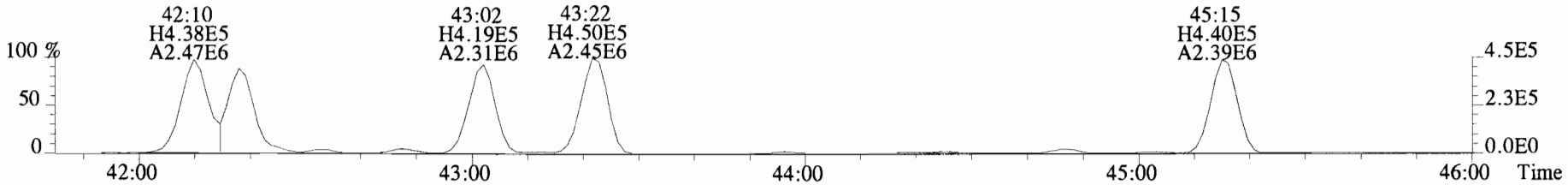
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



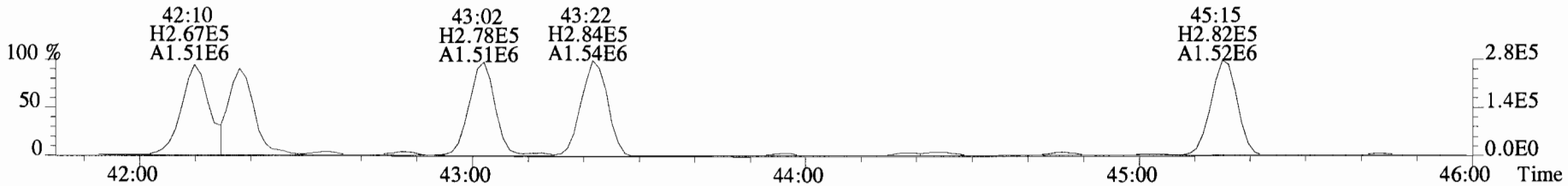
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2224.0,0.00%,F,F)



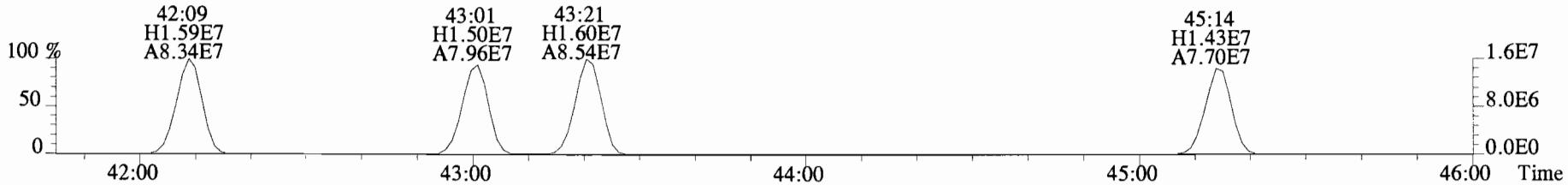
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



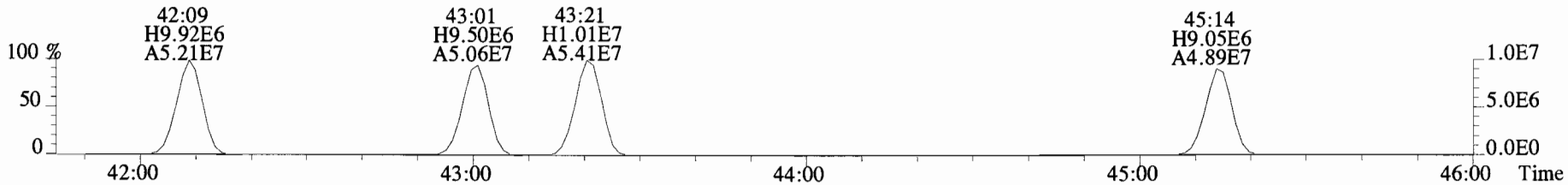
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2344.0,0.00%,F,F)



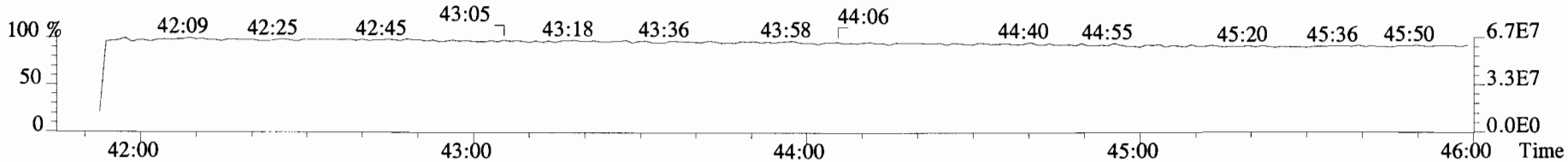
337.9207 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11840.0,0.00%,F,F)



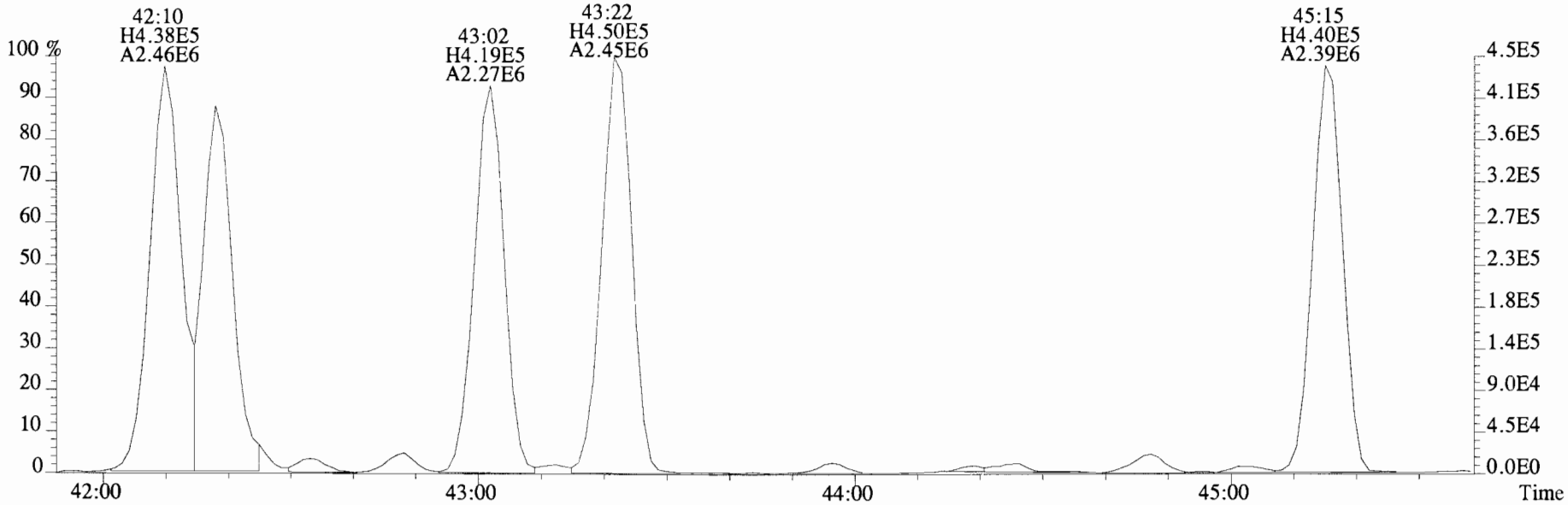
339.9177 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7184.0,0.00%,F,F)



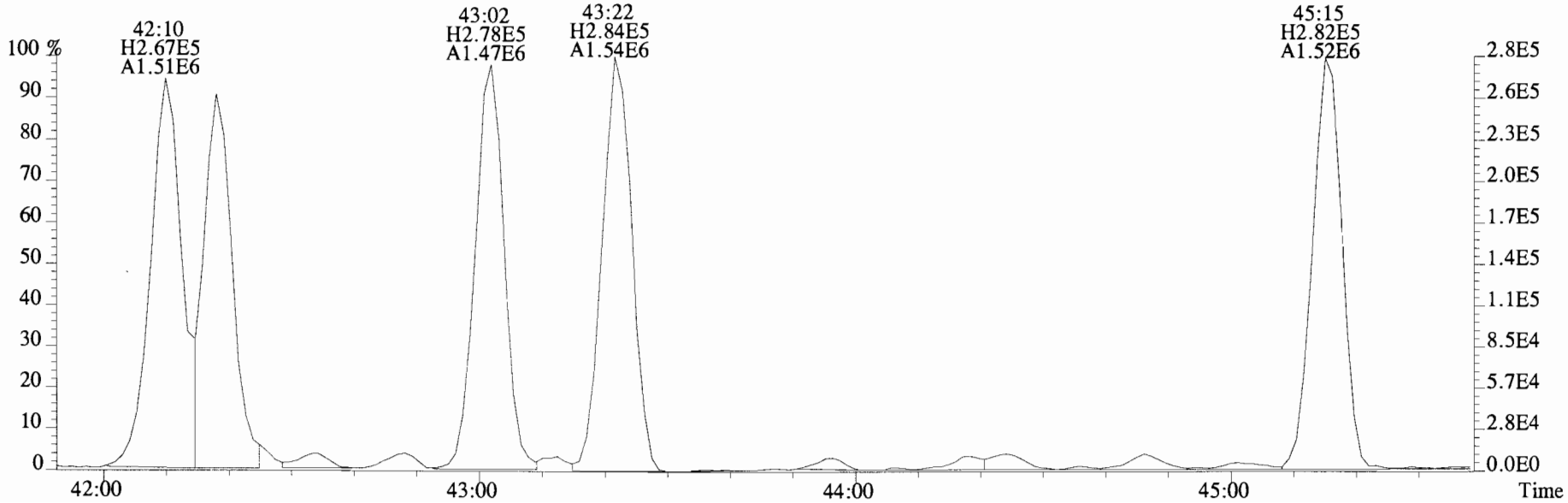
380.9760 S:3 F:4



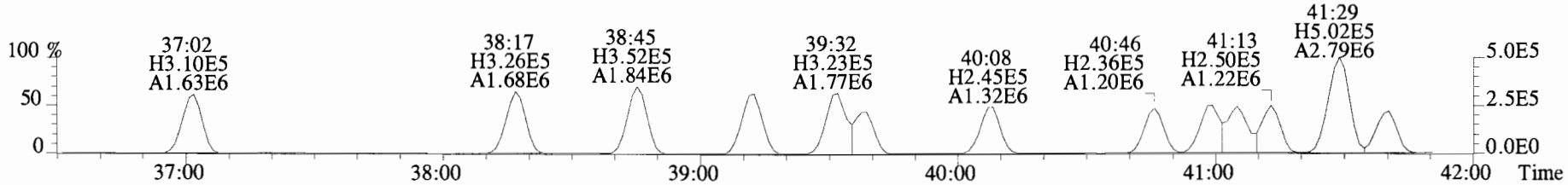
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



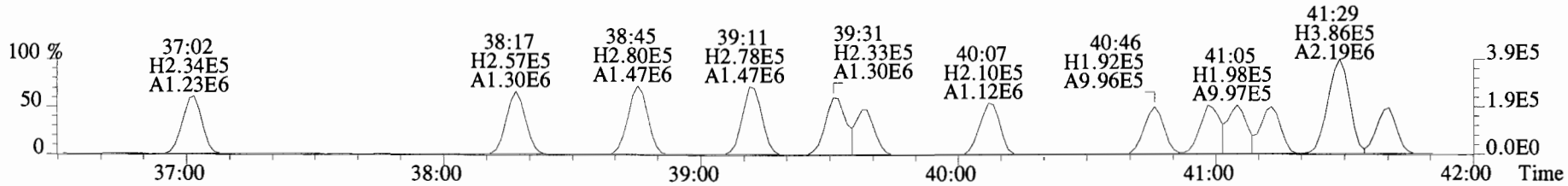
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0)



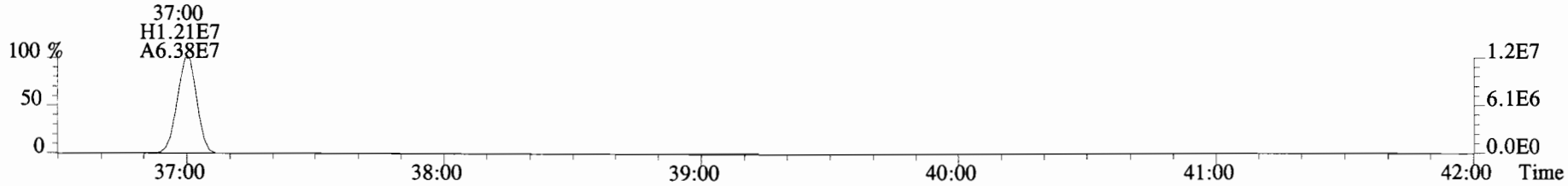
File:180208E1 #1-756 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2036.0,0.00%,F,F)



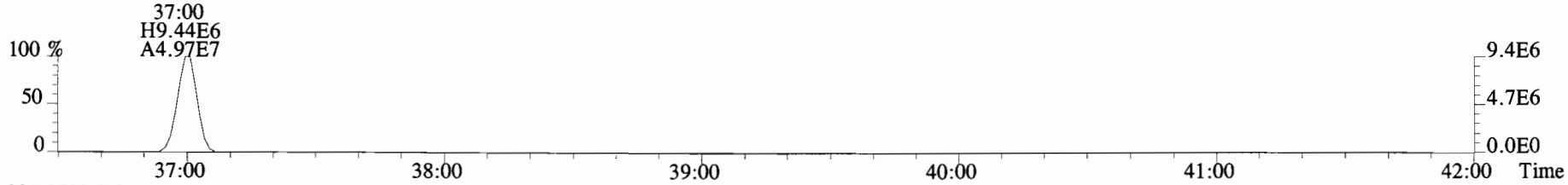
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



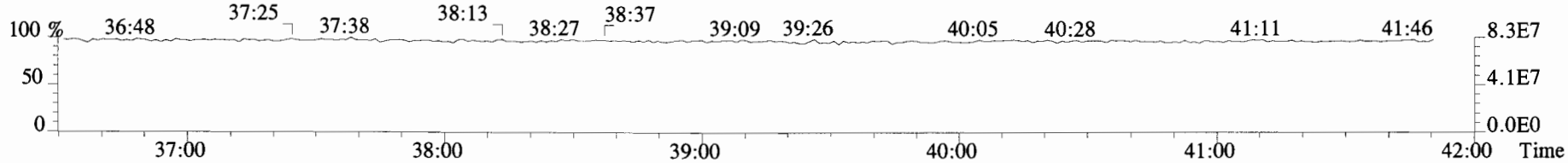
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



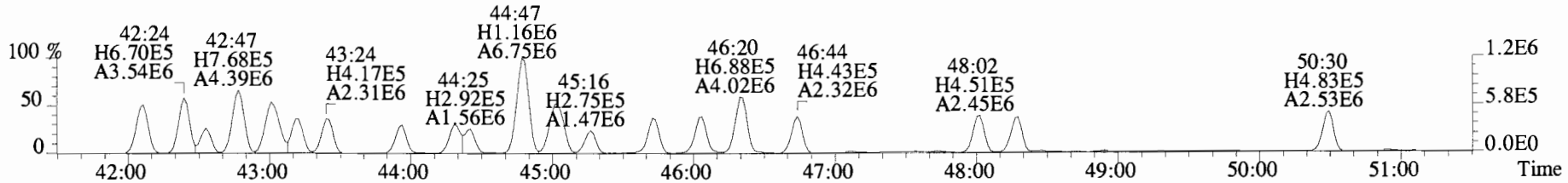
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2612.0,0.00%,F,F)



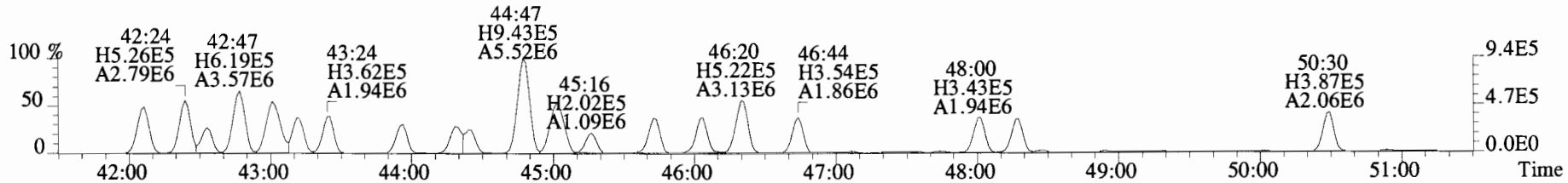
330.9792 S:3 F:3



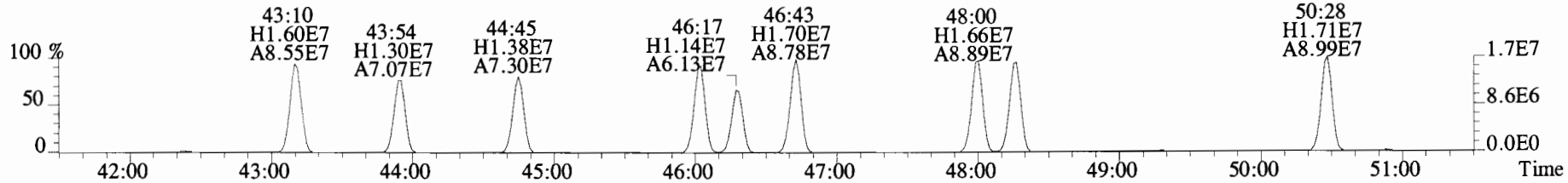
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



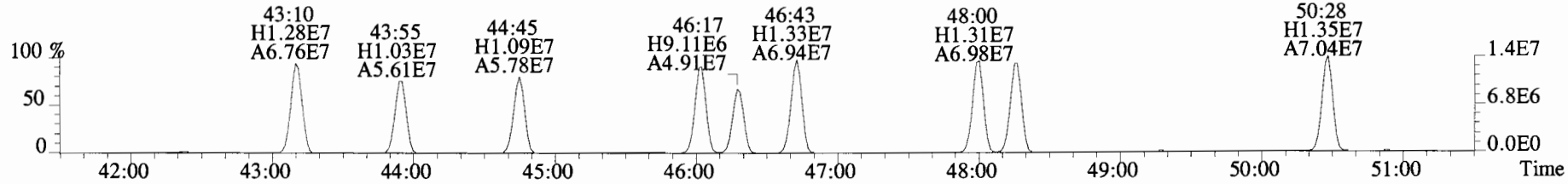
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



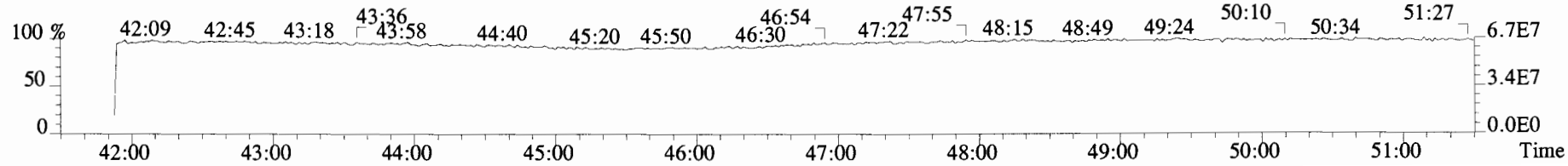
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



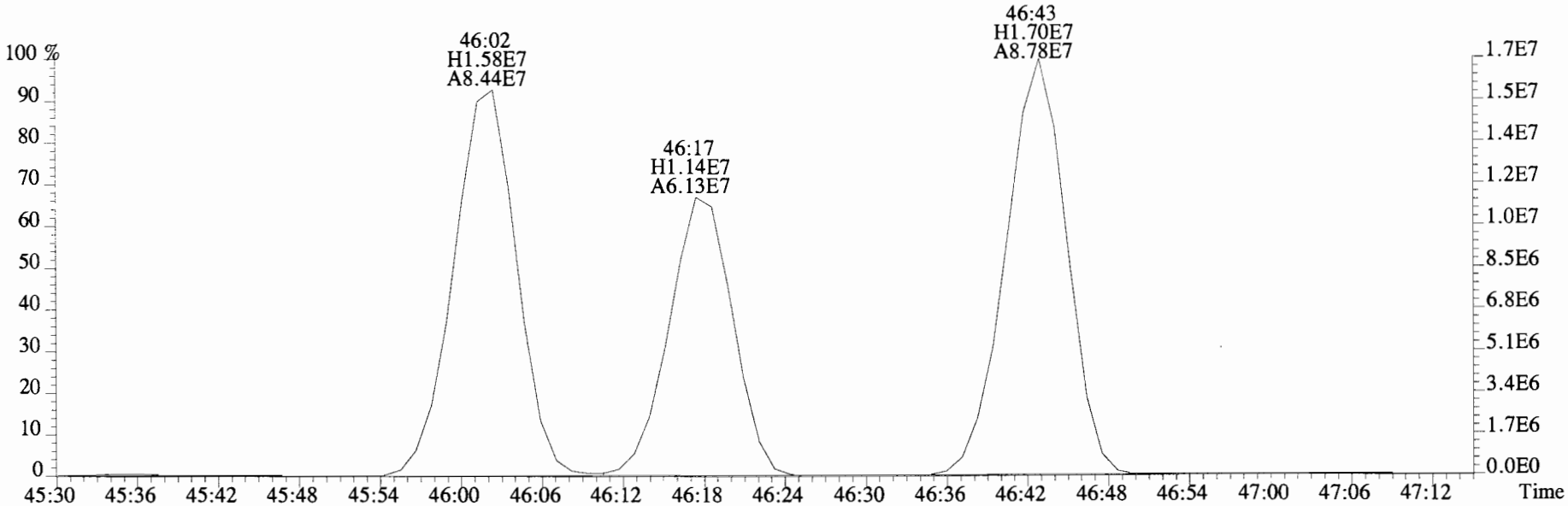
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



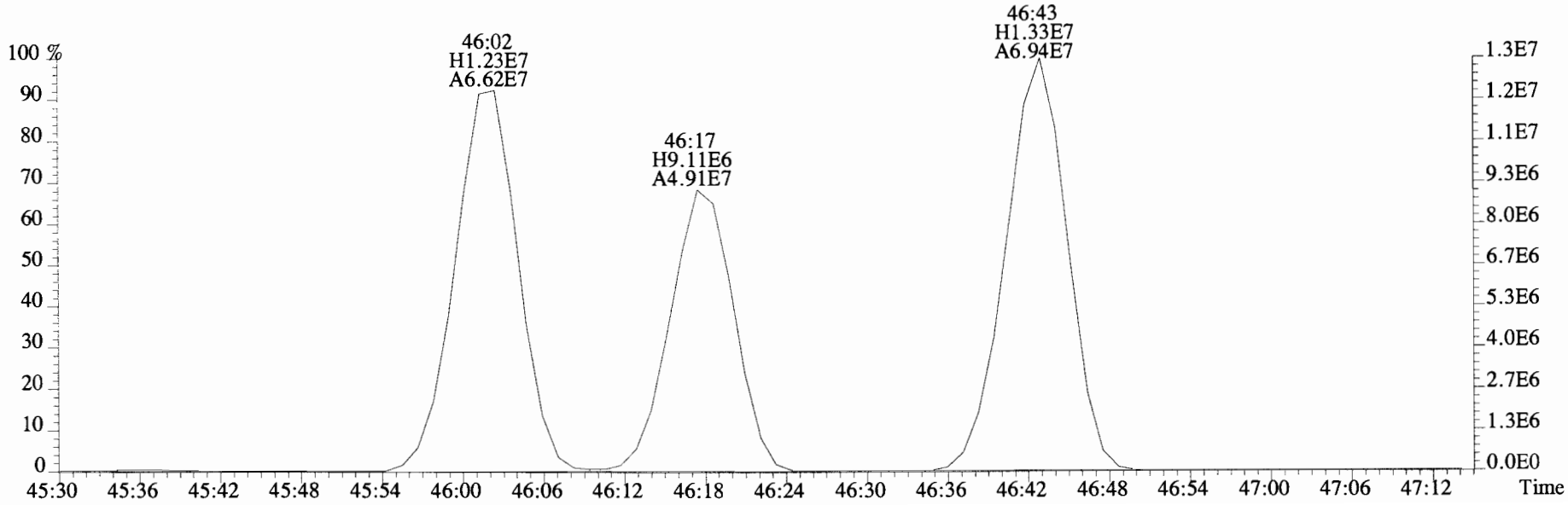
380.9760 S:3 F:4



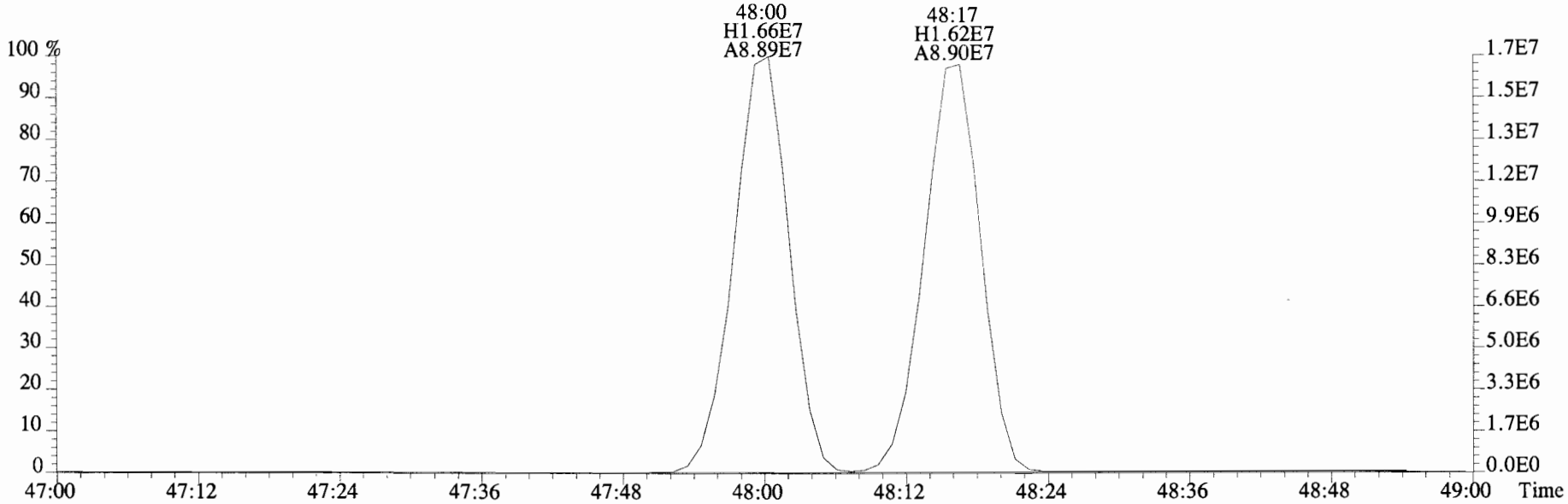
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



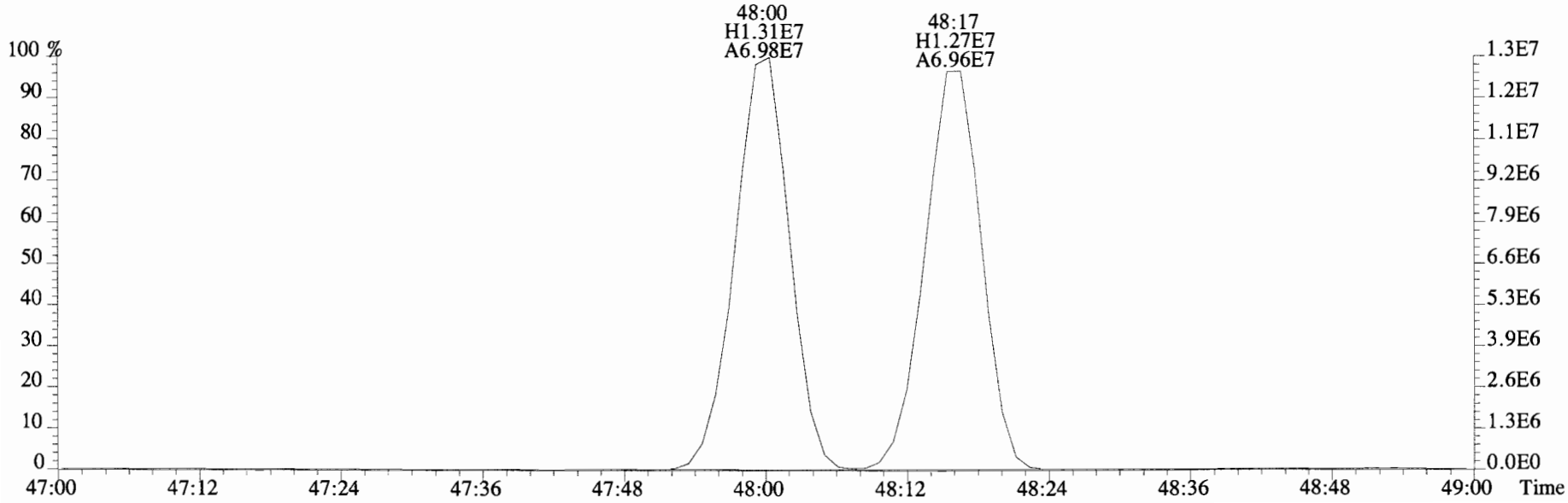
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



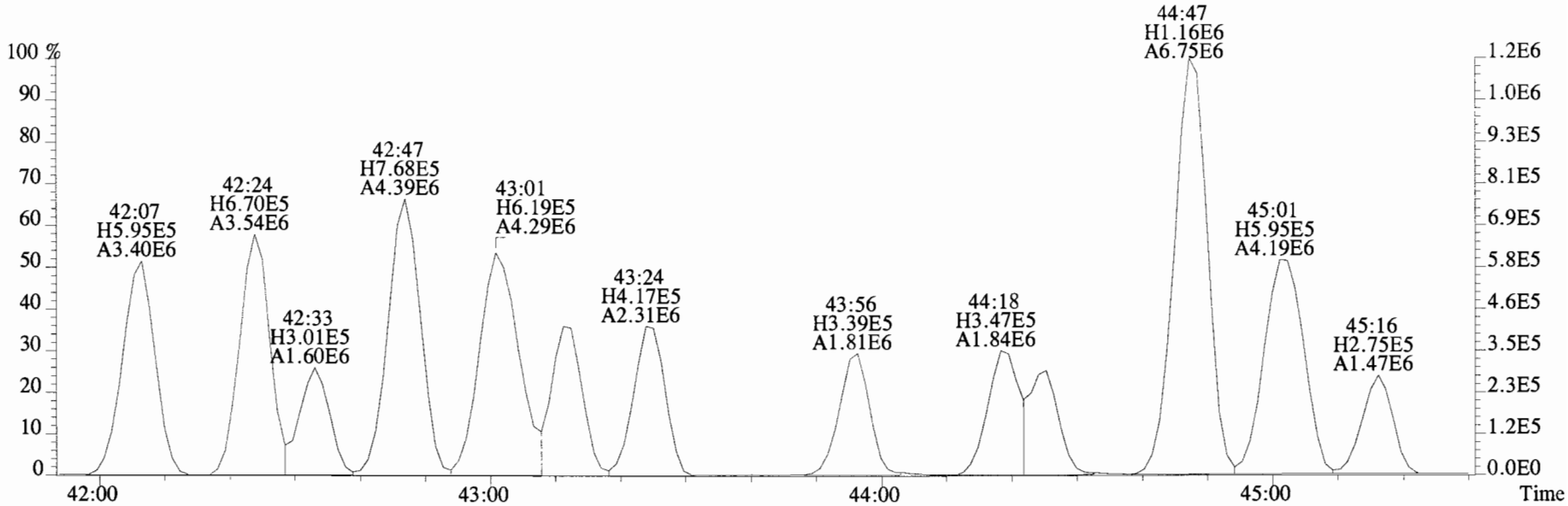
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19604.0,0.00%,F,F)



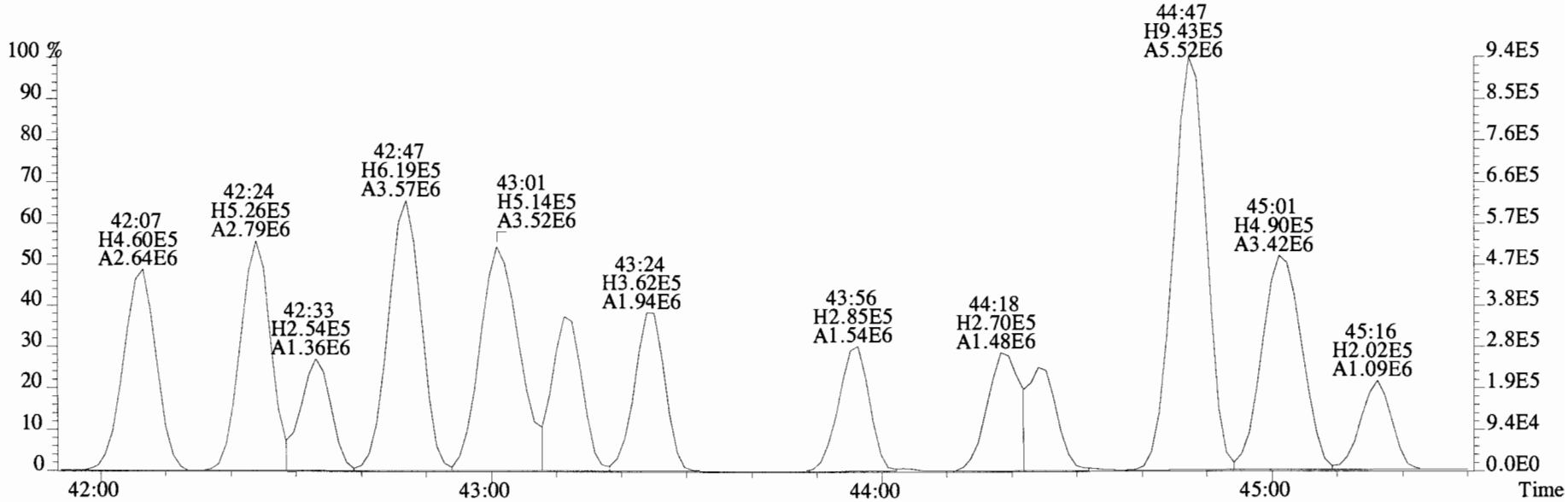
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19252.0,0.00%,F,F)



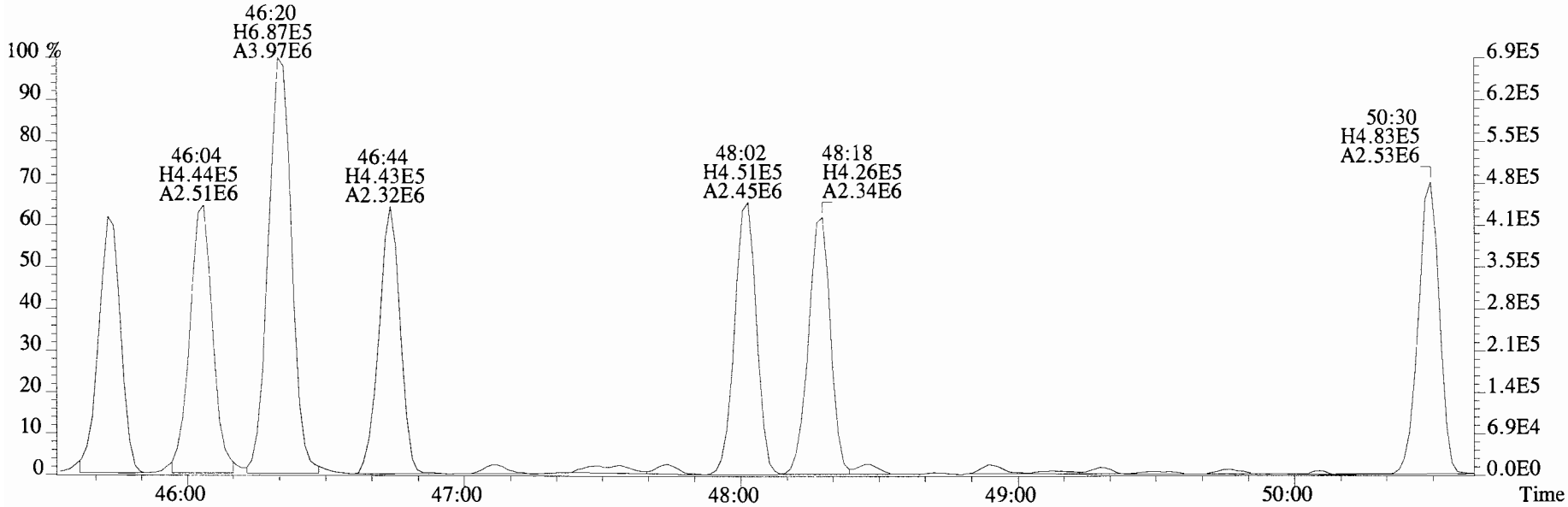
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



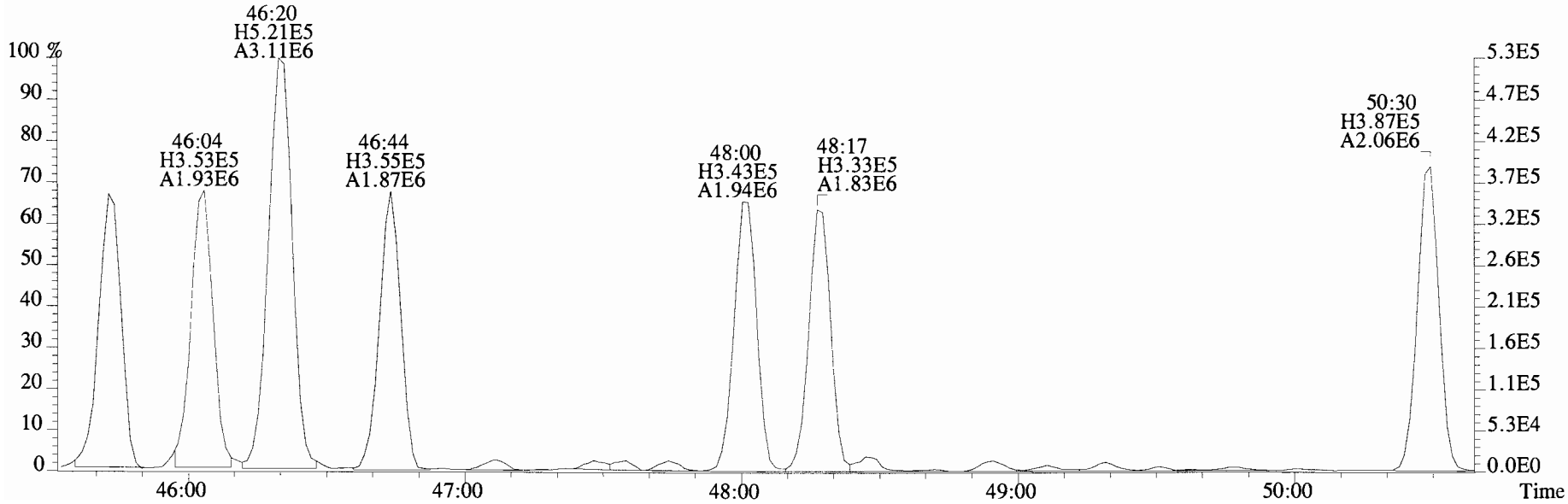
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



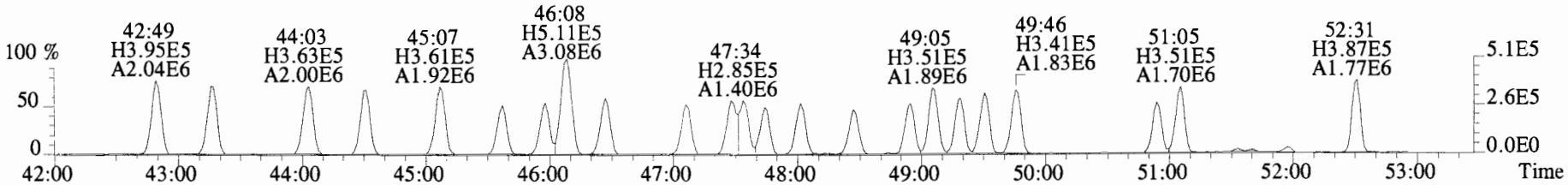
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3508.0,0.00%,F,F)



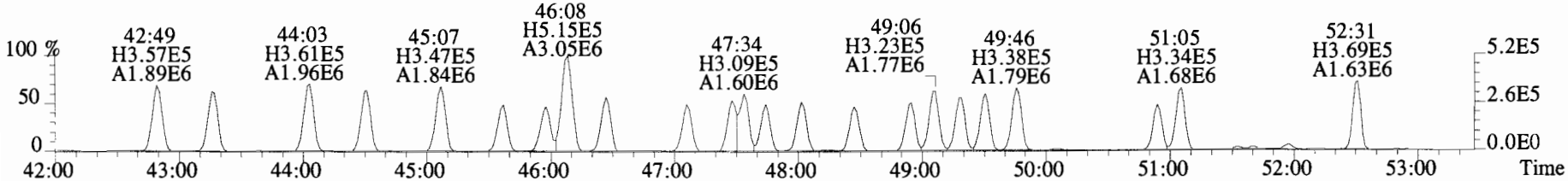
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3712.0,0.00%,F,F)



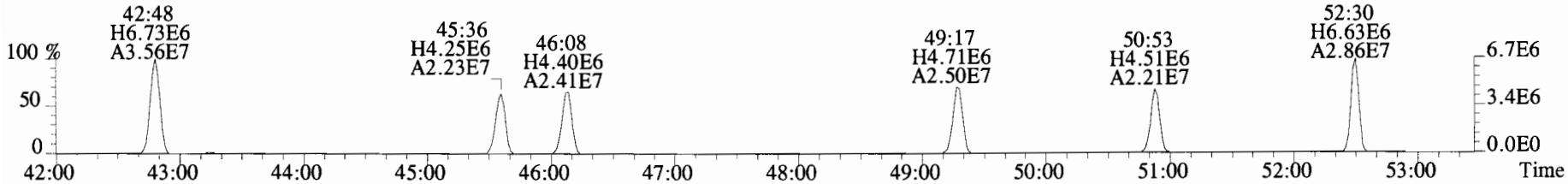
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3968.0,0.00%,F,F)



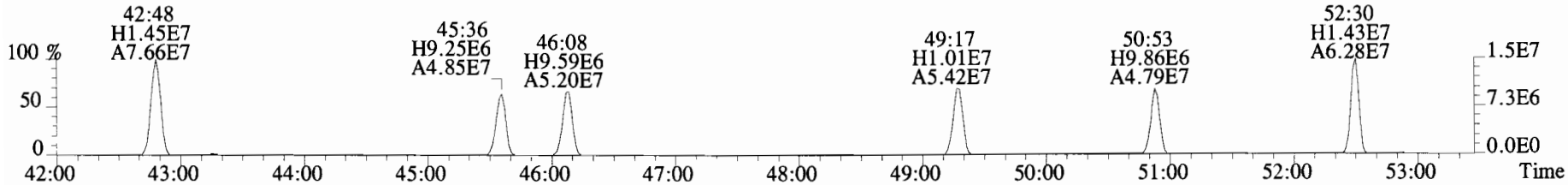
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3332.0,0.00%,F,F)



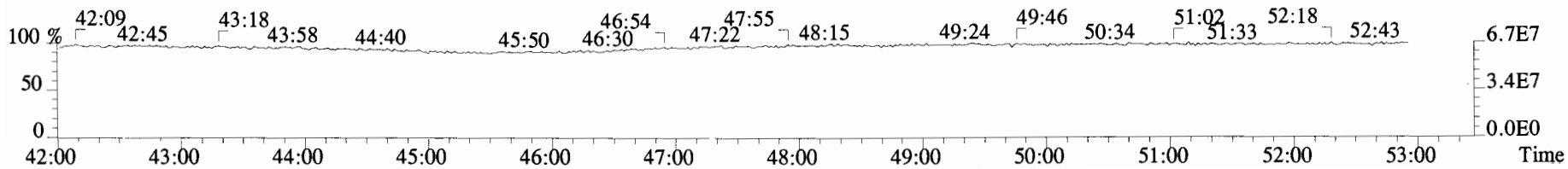
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8740.0,0.00%,F,F)



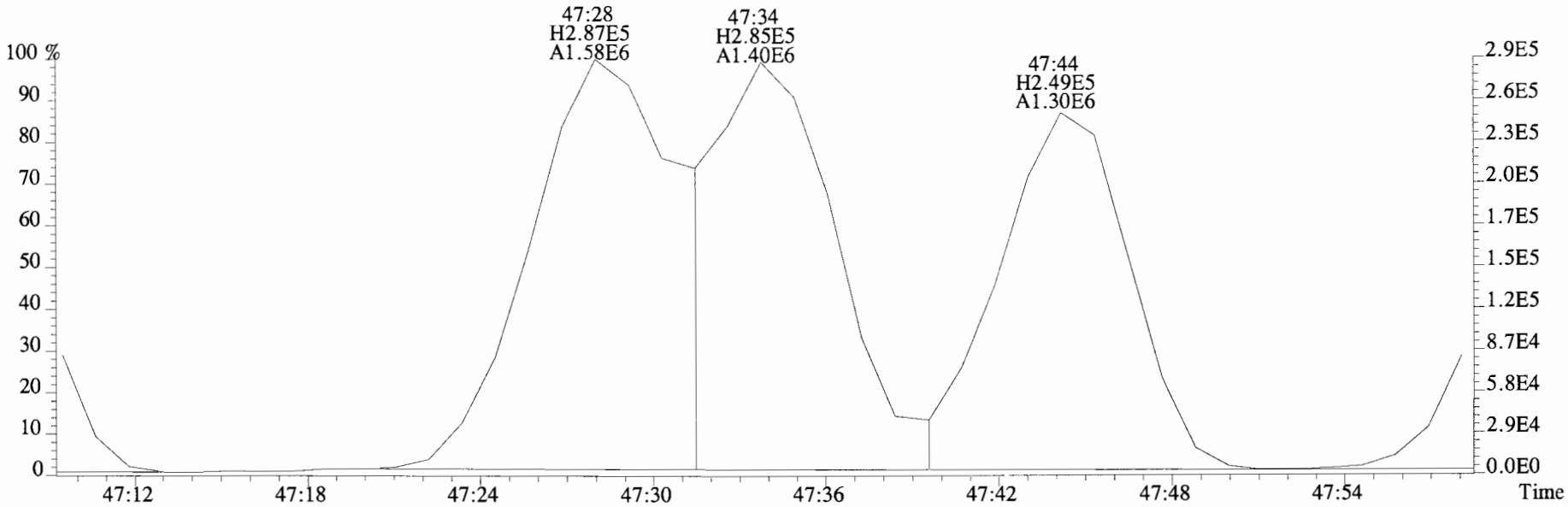
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16048.0,0.00%,F,F)



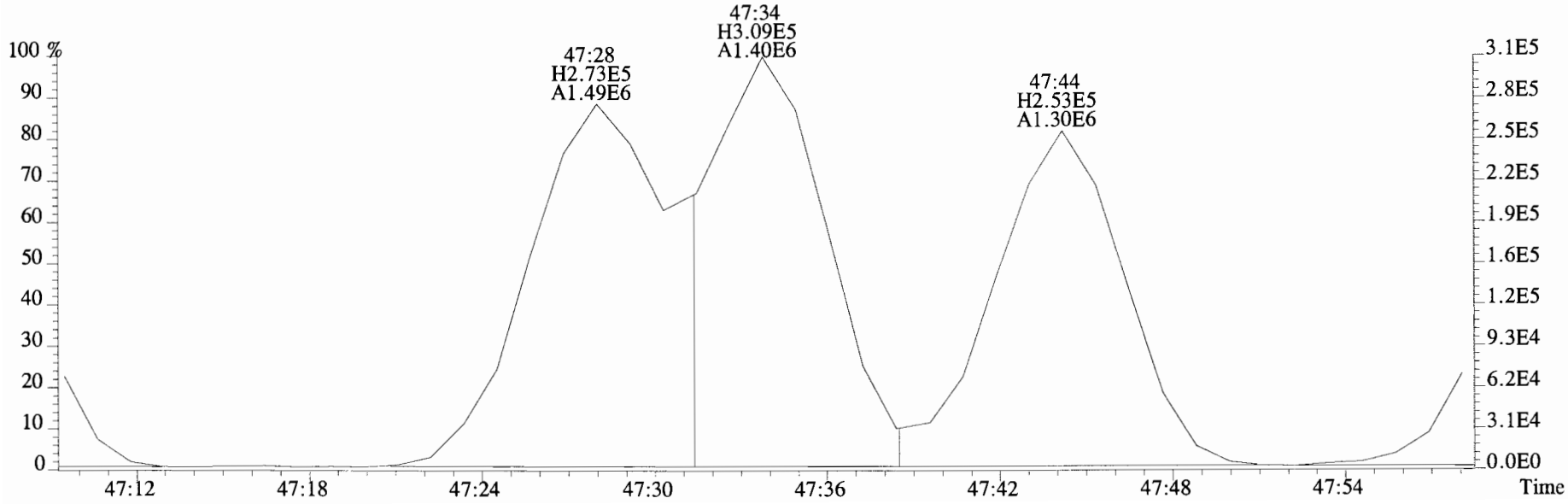
380.9760 S:3 F:4



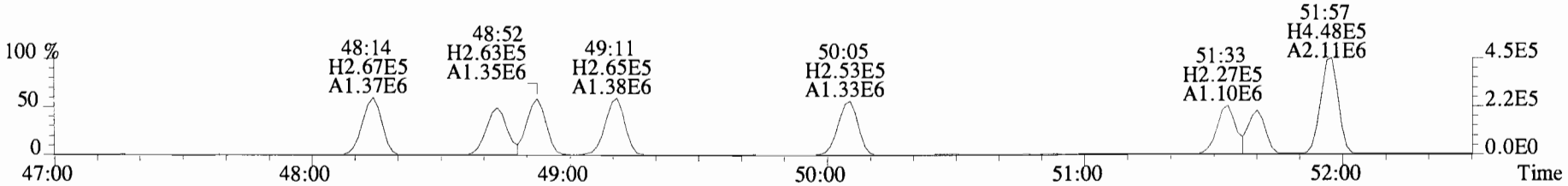
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3968.0,0.00%,F,F)



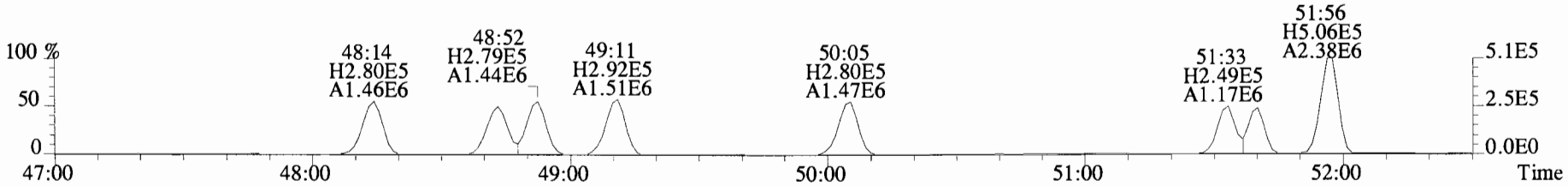
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3332.0,0.00%,F,F)



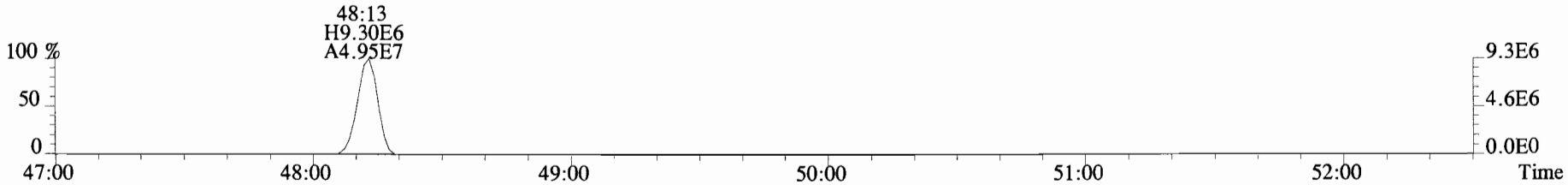
File:180208E1 #1-574 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



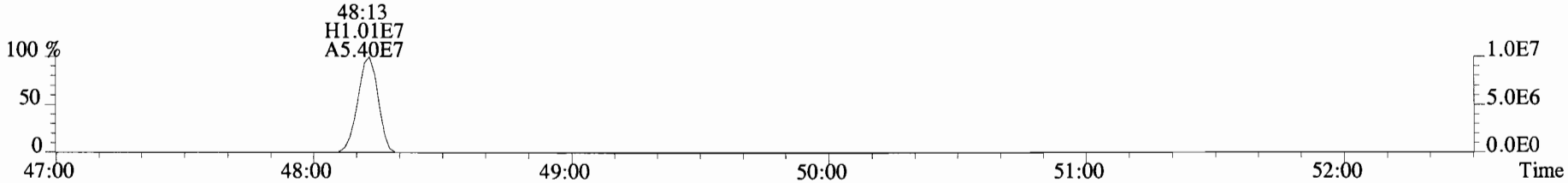
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



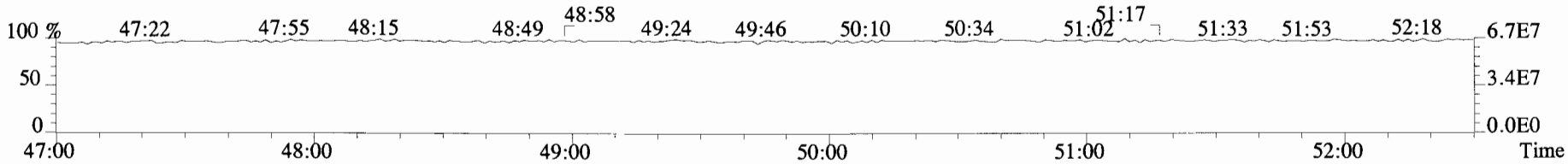
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



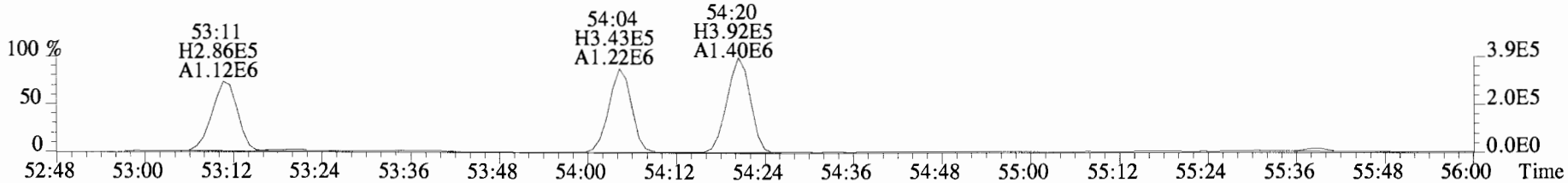
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



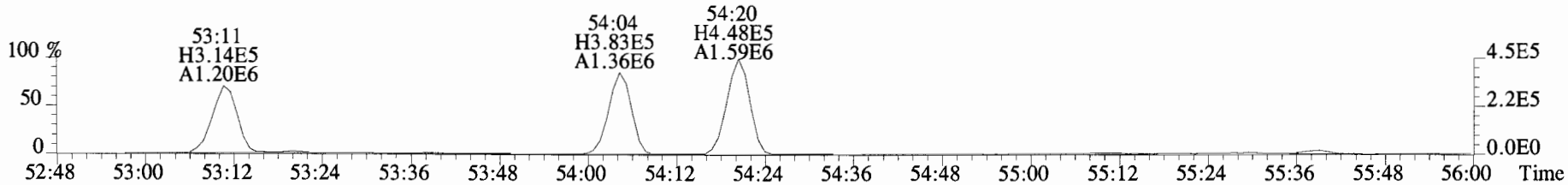
380.9760 S:3 F:4



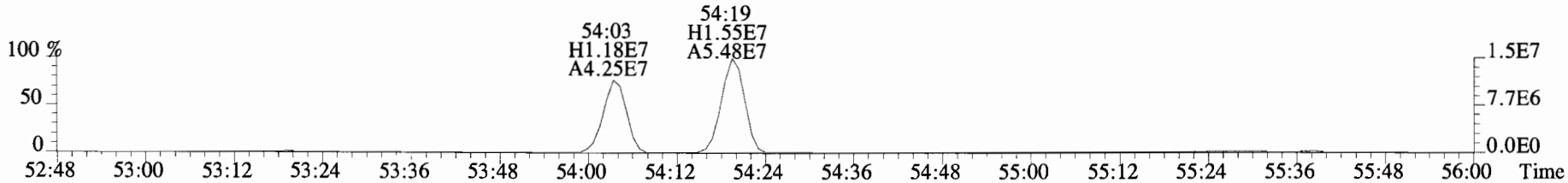
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



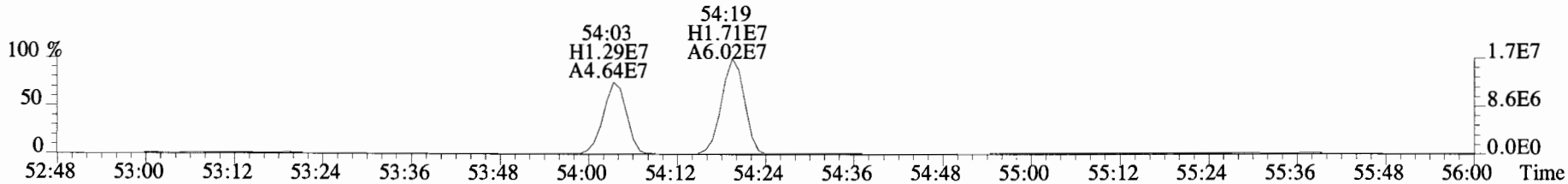
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2516.0,0.00%,F,F)



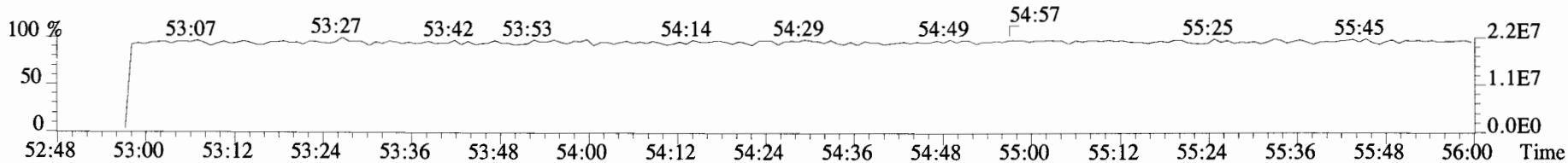
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10060.0,0.00%,F,F)



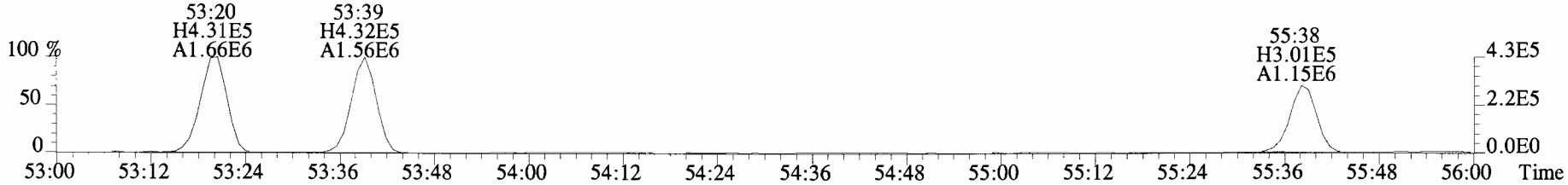
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9996.0,0.00%,F,F)



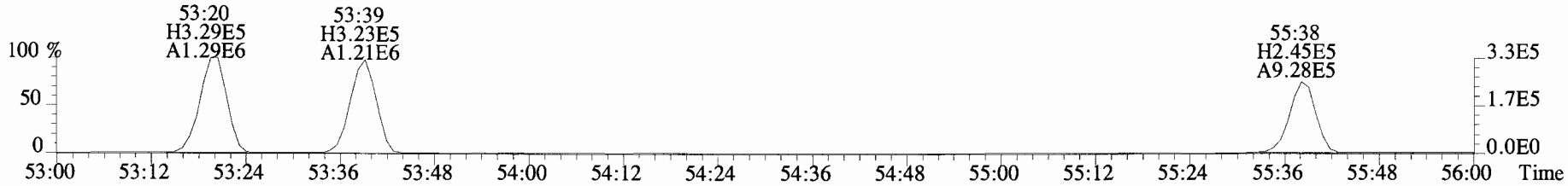
492.9697 S:3 F:5



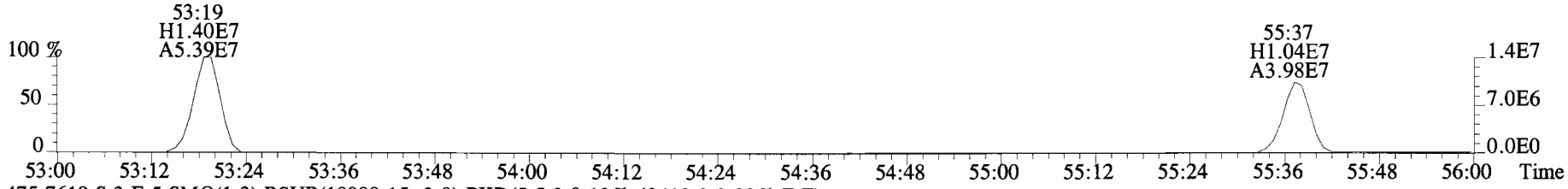
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1728.0,0.00%,F,F)



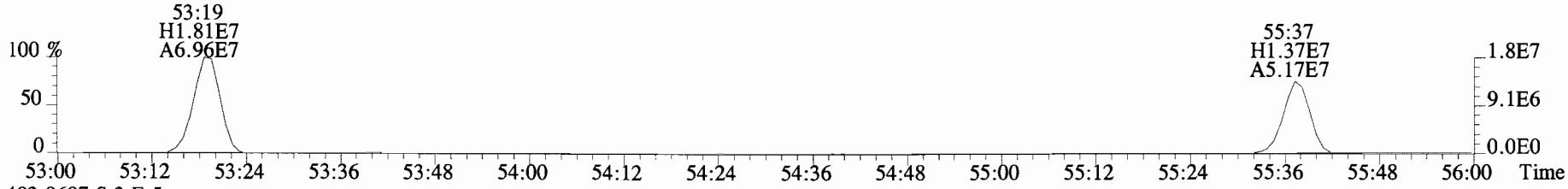
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1820.0,0.00%,F,F)



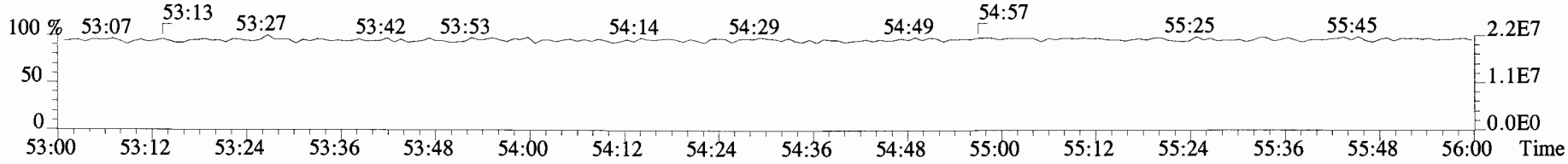
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35008.0,0.00%,F,F)



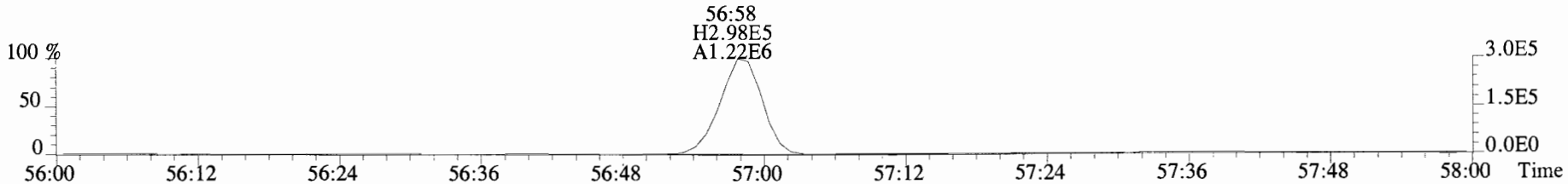
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43412.0,0.00%,F,F)



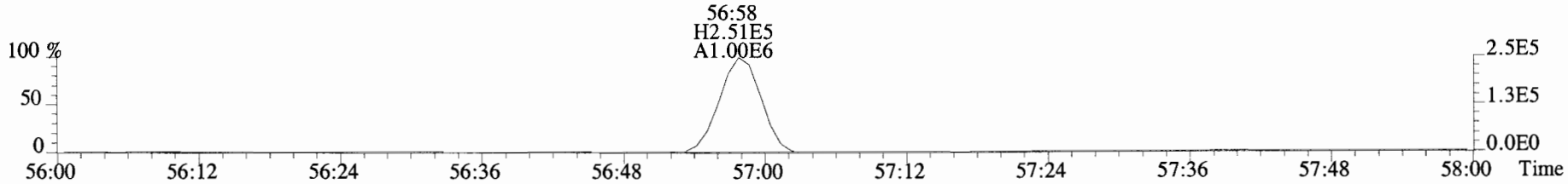
492.9697 S:3 F:5



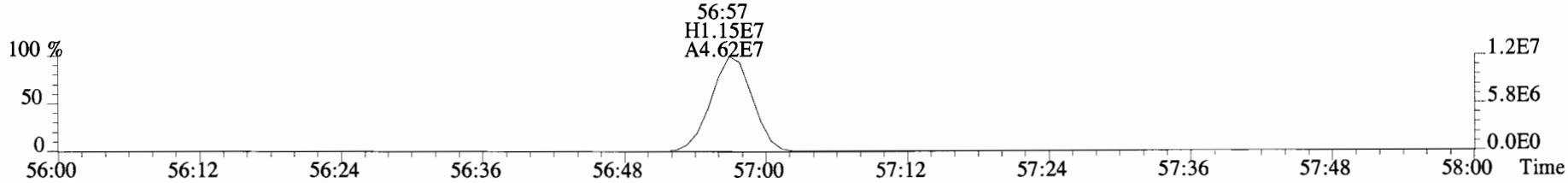
File:180208E1 #1-407 Acq: 8-FEB-2018 10:44:54 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-3 PCB CS2 17L3005 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1484.0,0.00%,F,F)



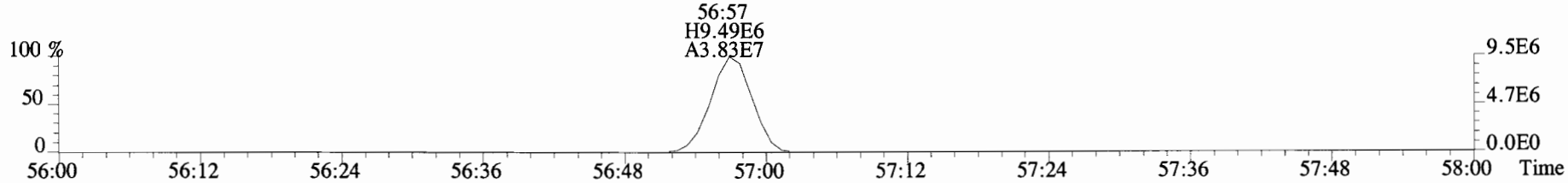
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



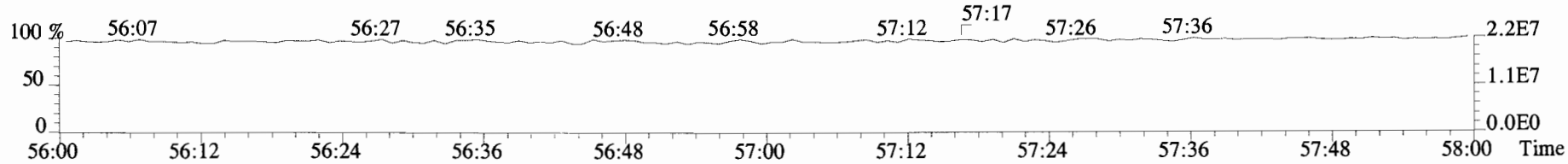
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1660.0,0.00%,F,F)



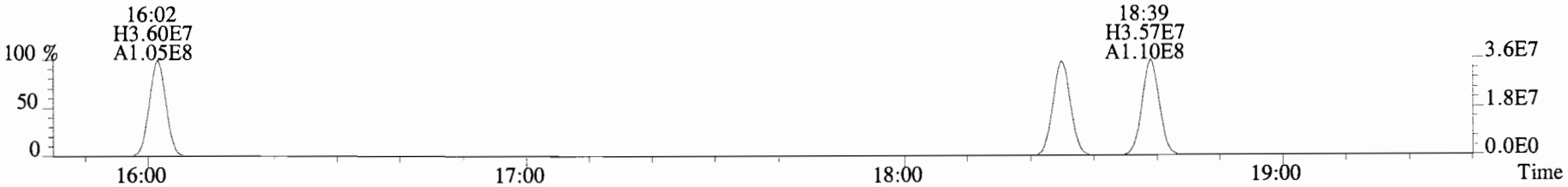
511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



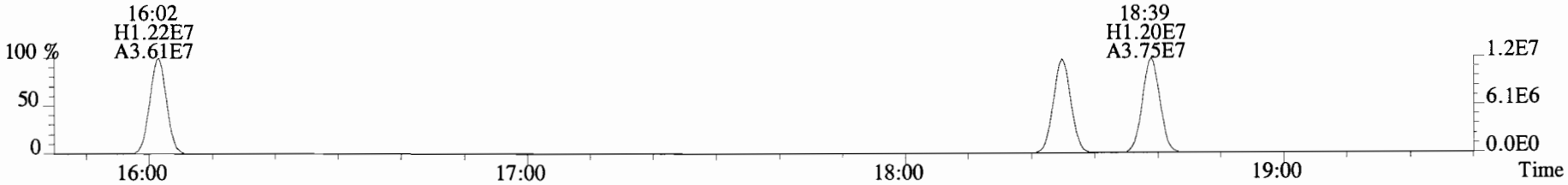
492.9697 S:3 F:5



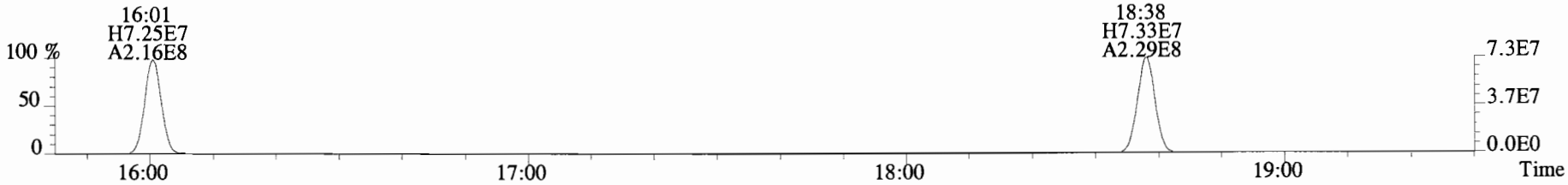
File:180208E1 #1-867 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5568.0,0.00%,F,F)



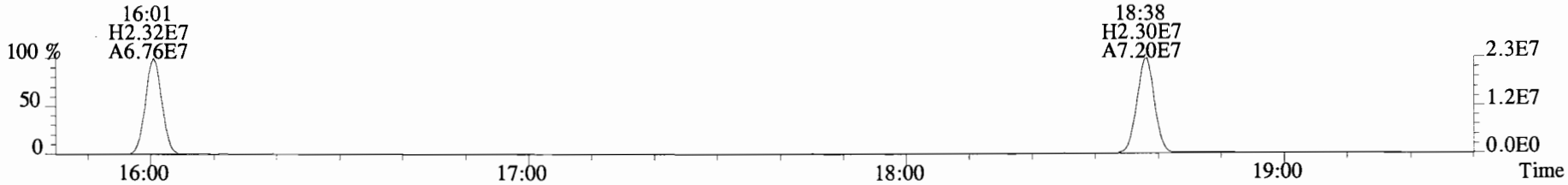
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4976.0,0.00%,F,F)



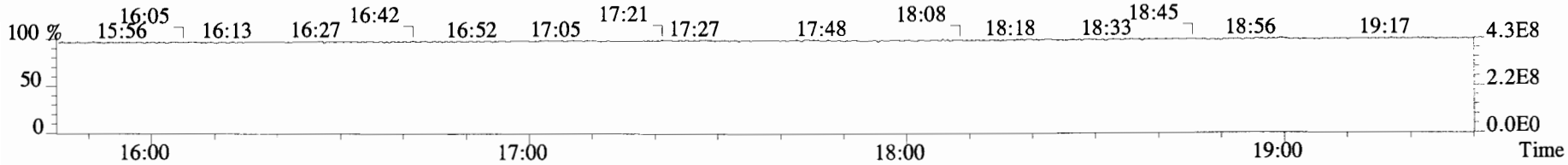
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7008.0,0.00%,F,F)



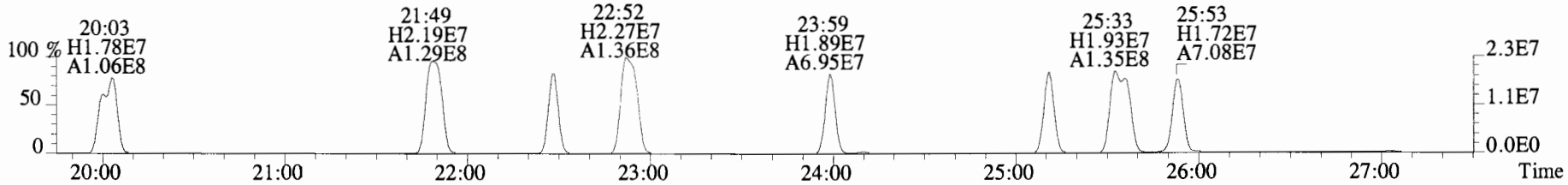
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45624.0,0.00%,F,F)



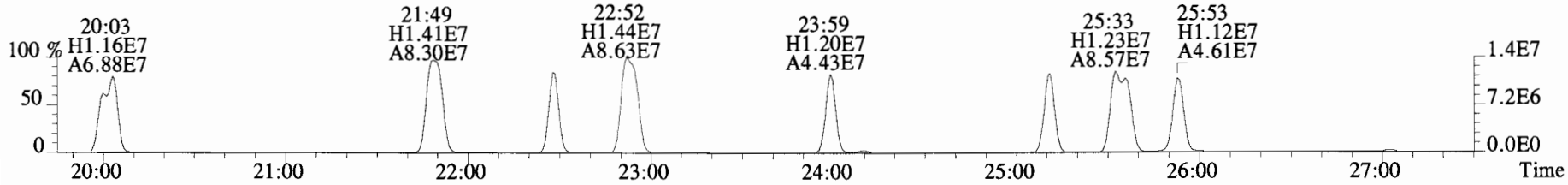
180.9880 S:4



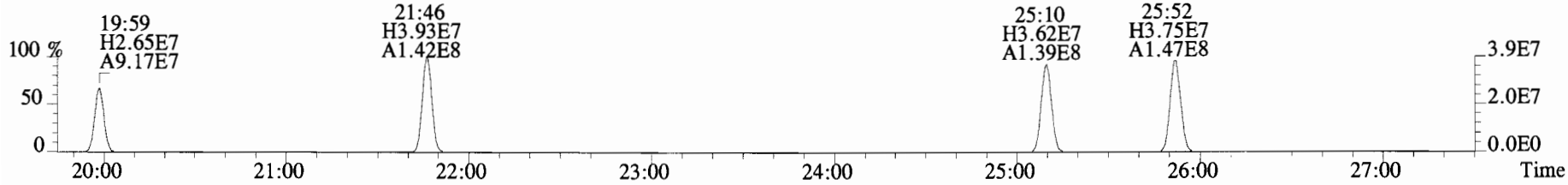
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC El+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6820.0,0.00%,F,F)



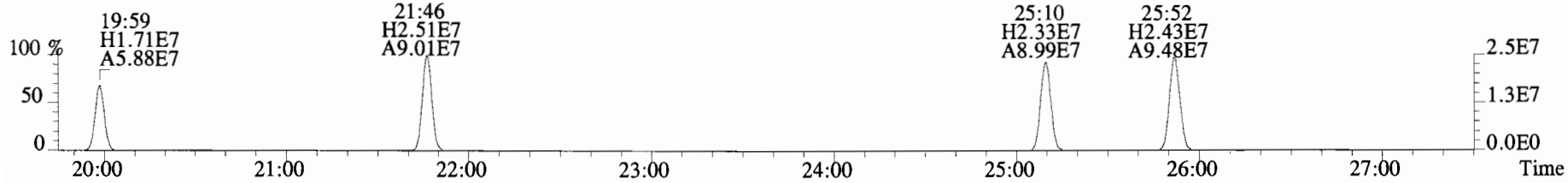
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16192.0,0.00%,F,F)



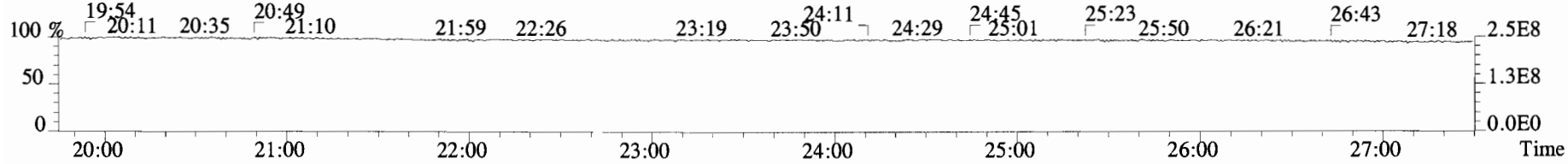
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7028.0,0.00%,F,F)



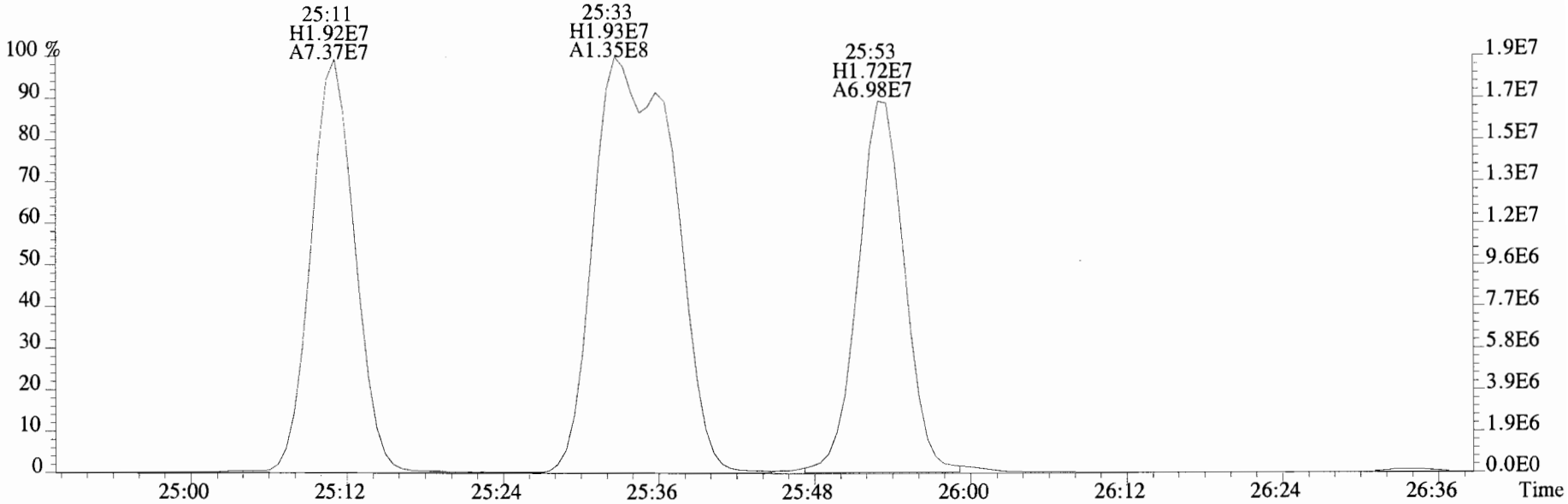
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4744.0,0.00%,F,F)



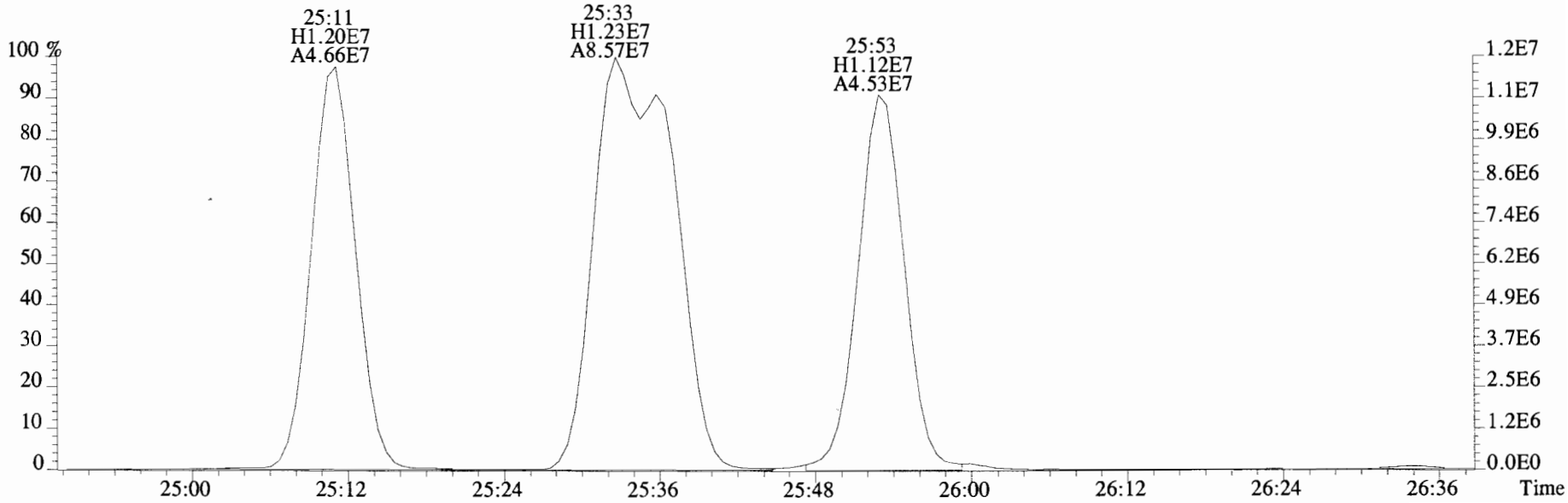
230.9856 S:4 F:2



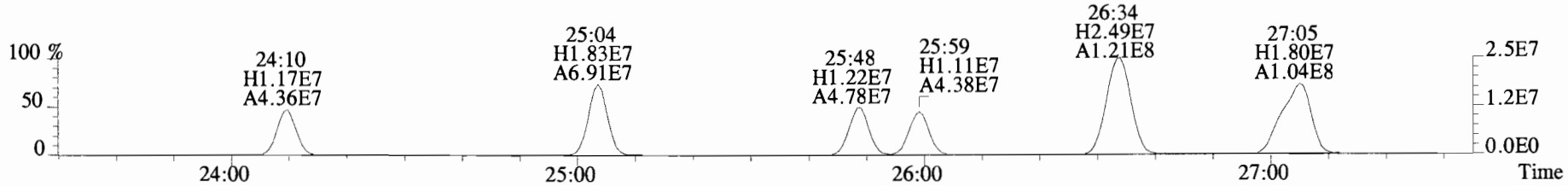
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6820.0,0.00%,F,F)



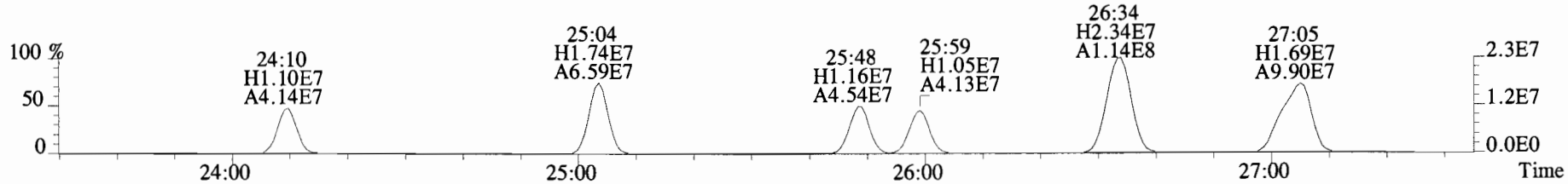
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16192.0,0.00%,F,F)



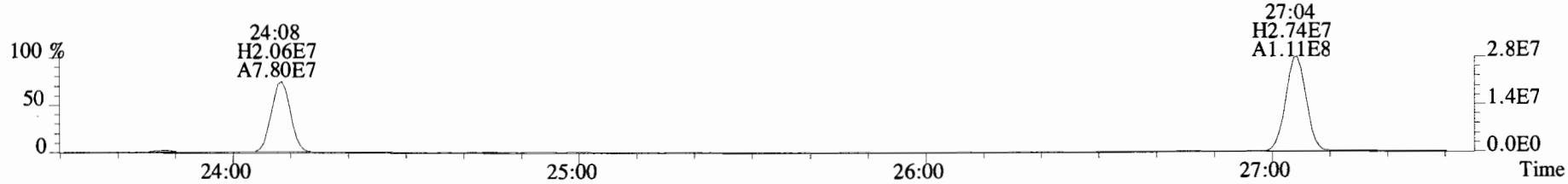
File:180208E1 #1-757 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5472.0,0.00%,F,F)



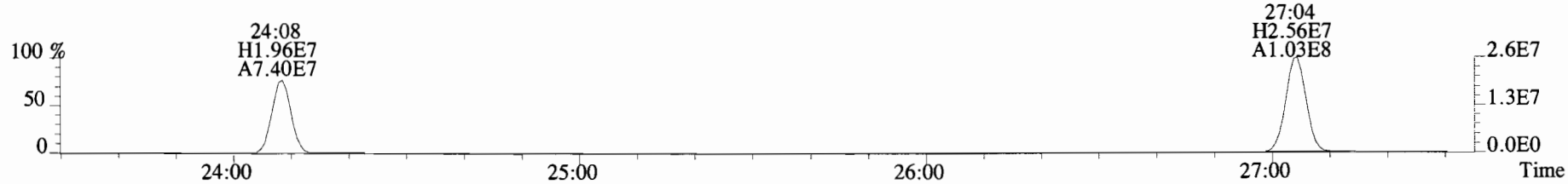
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2716.0,0.00%,F,F)



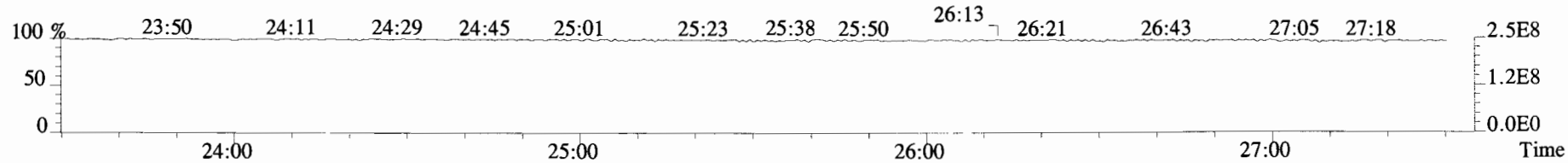
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,122248.0,0.00%,F,F)



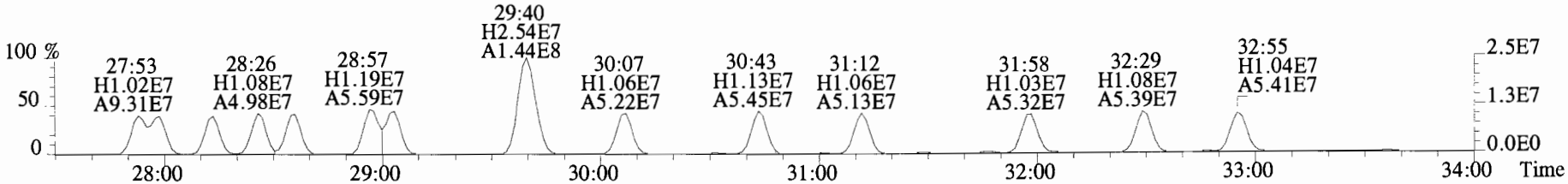
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57912.0,0.00%,F,F)



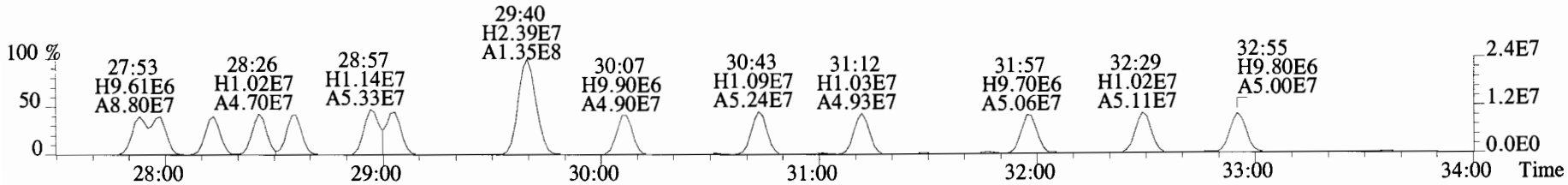
230.9856 S:4 F:2



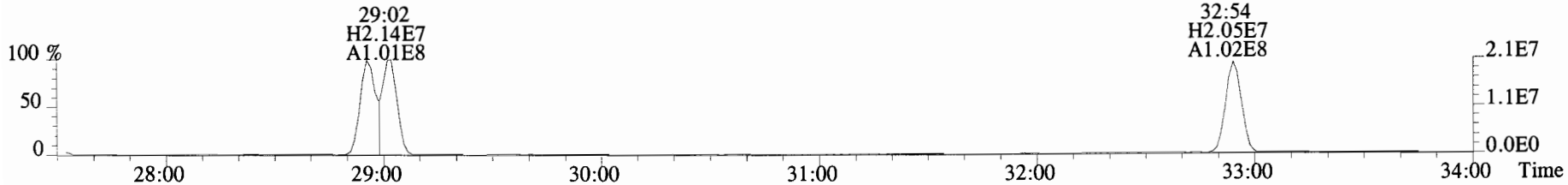
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



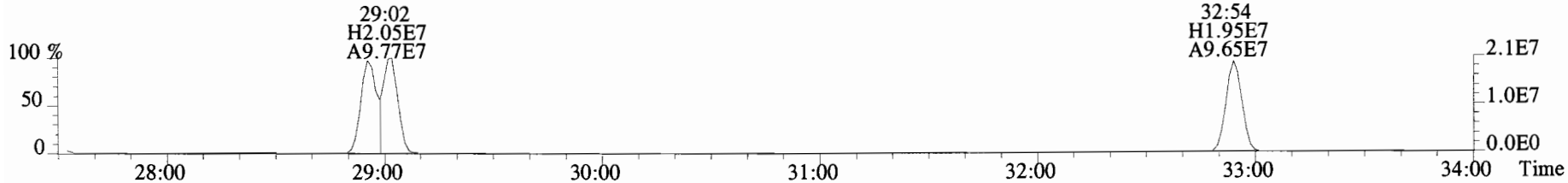
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



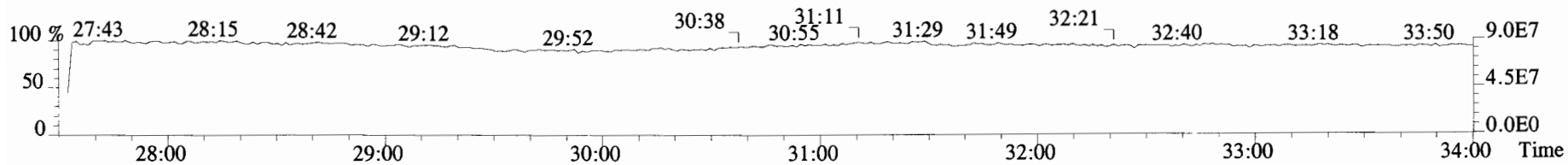
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86660.0,0.00%,F,F)



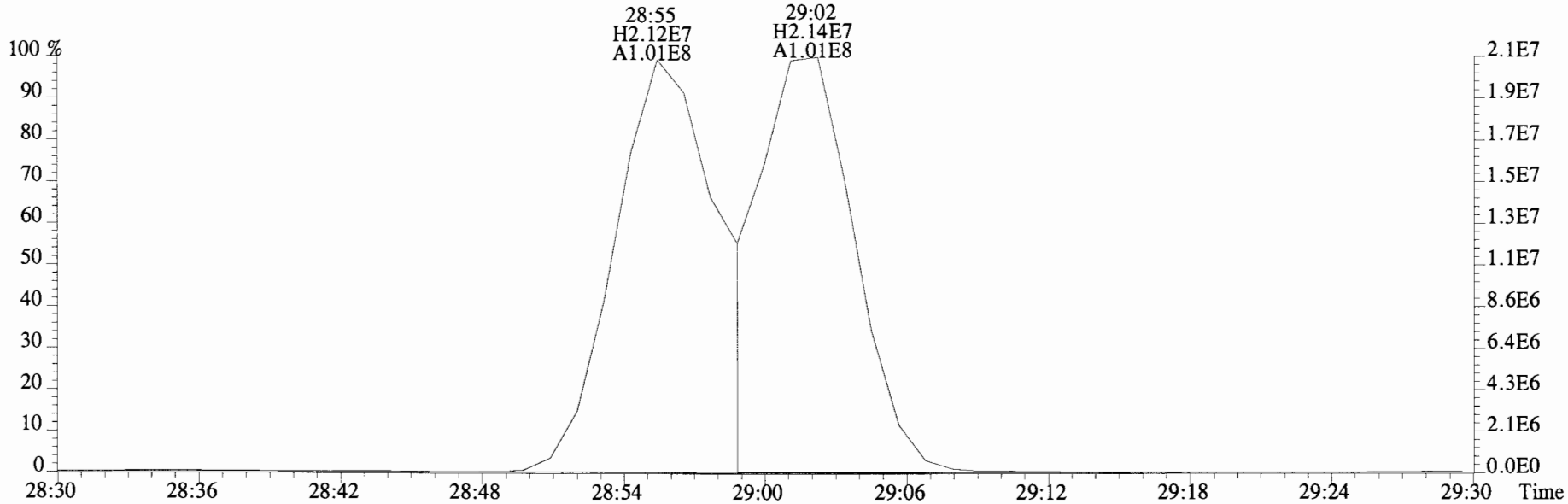
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23324.0,0.00%,F,F)



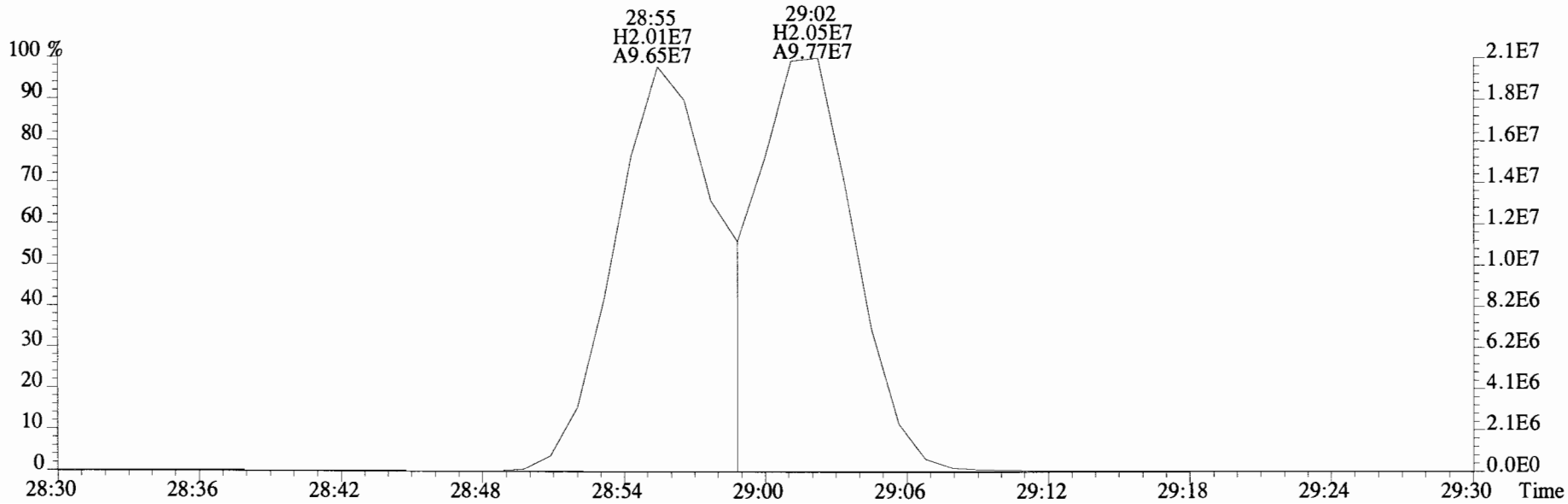
330.9792 S:4 F:3



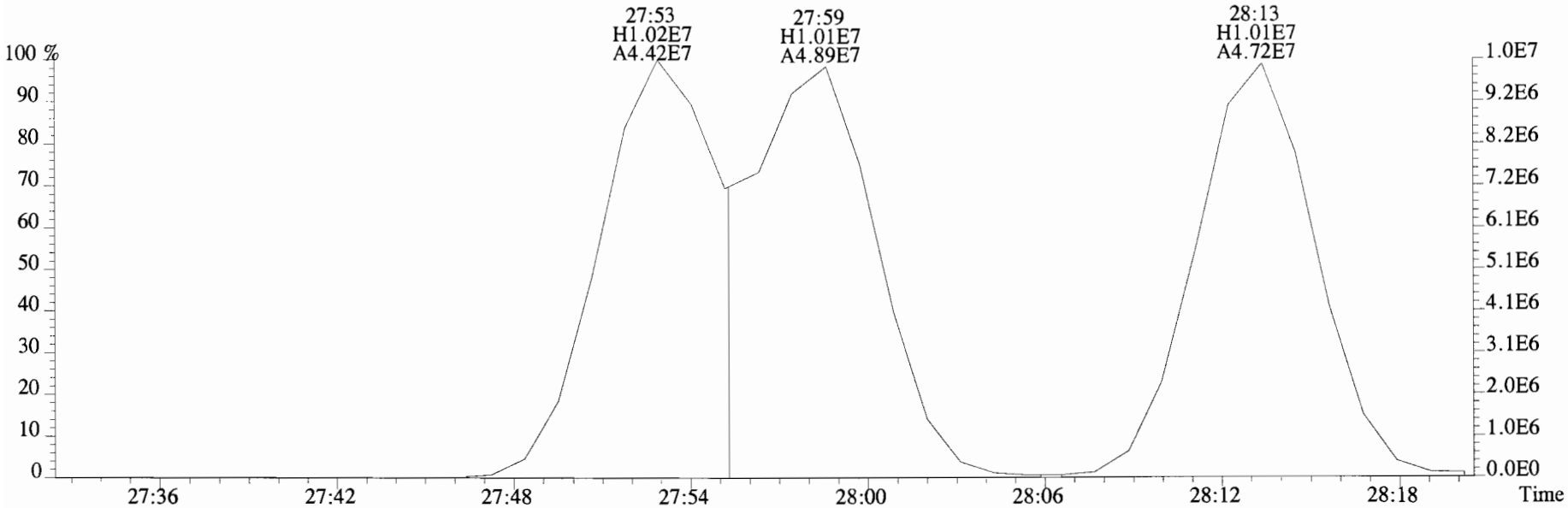
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86660.0,0.00%,F,F)



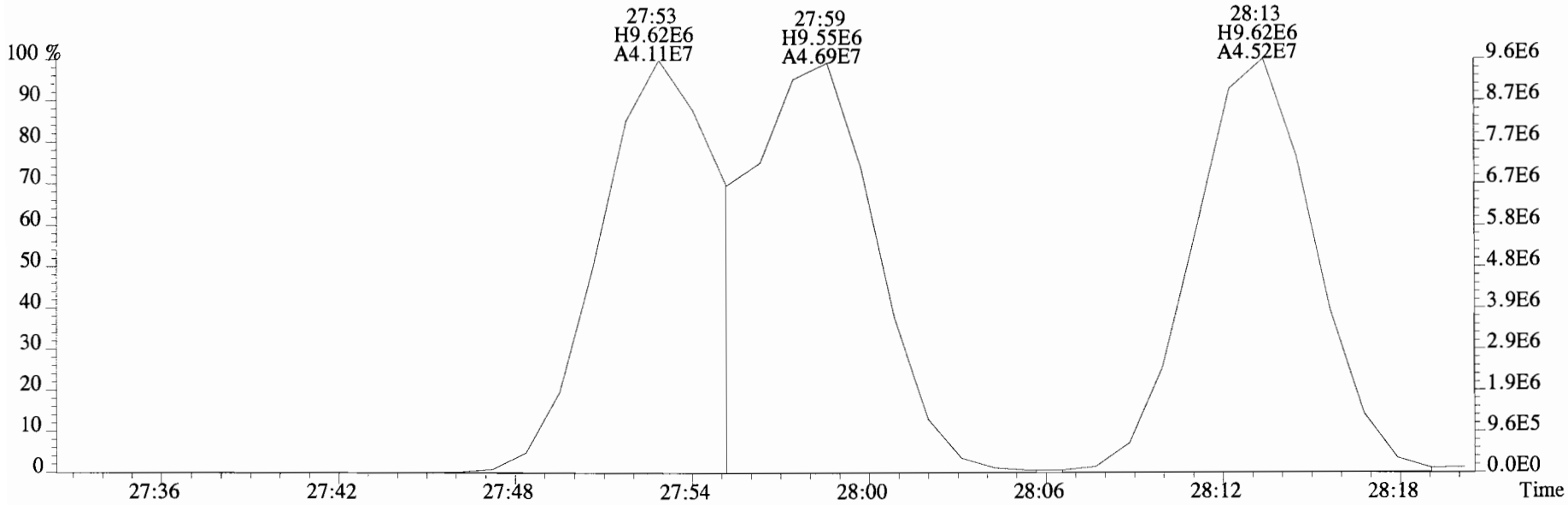
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23324.0,0.00%,F,F)



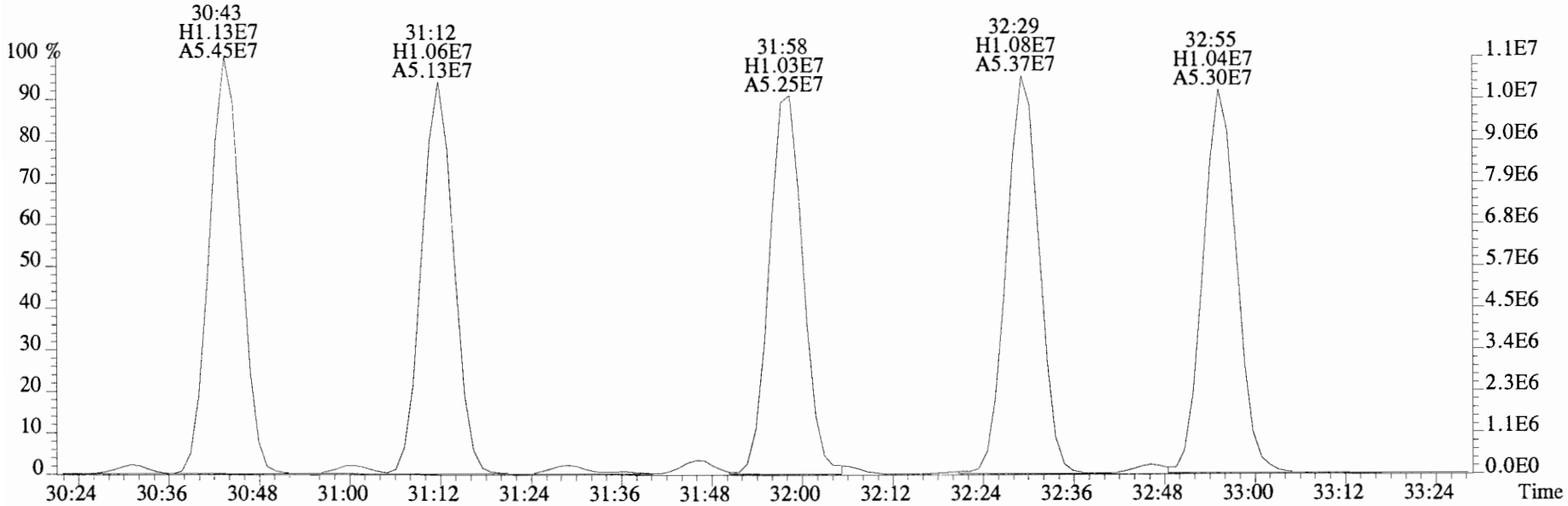
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



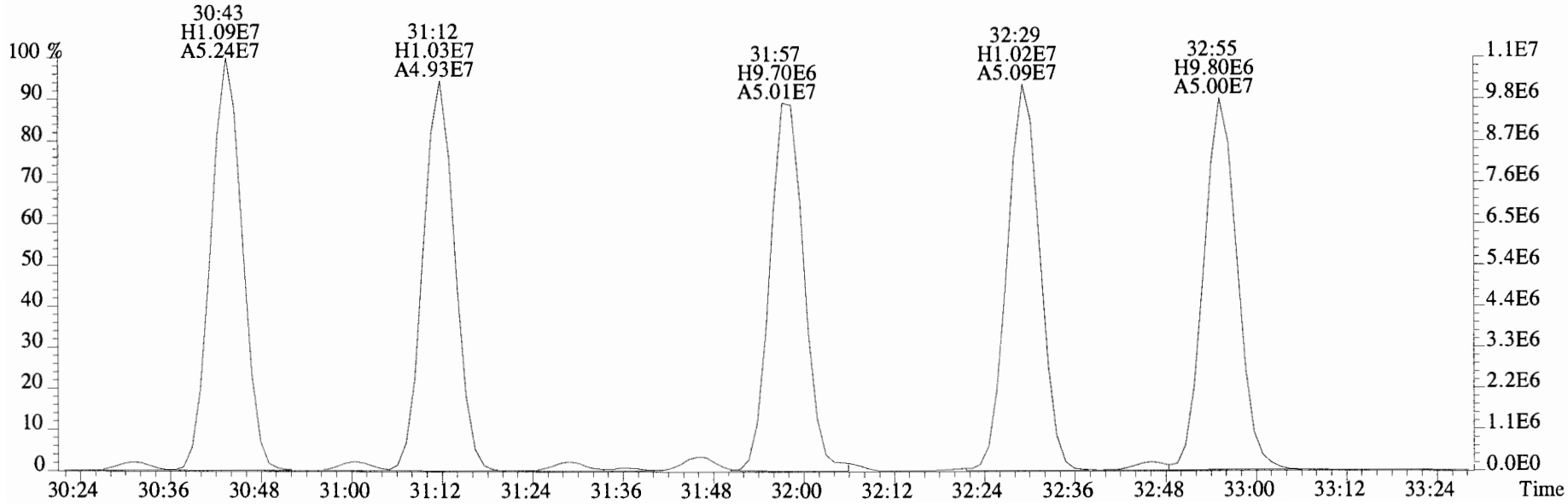
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



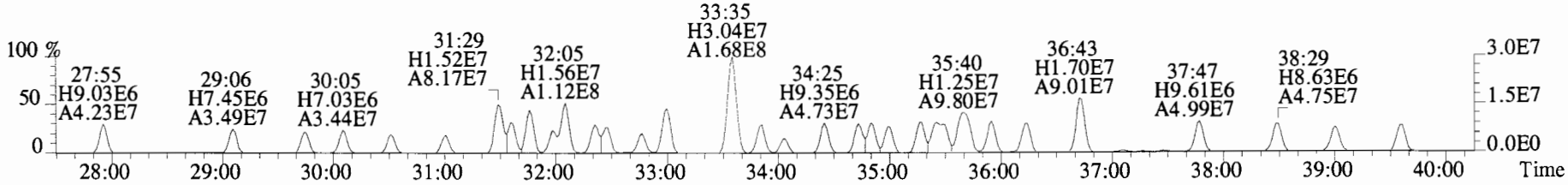
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15204.0,0.00%,F,F)



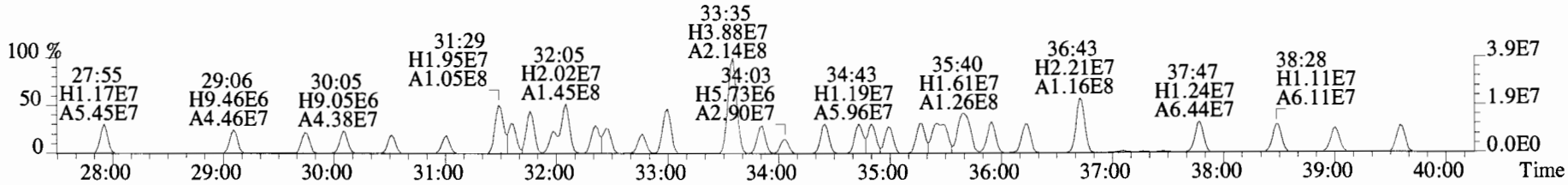
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13460.0,0.00%,F,F)



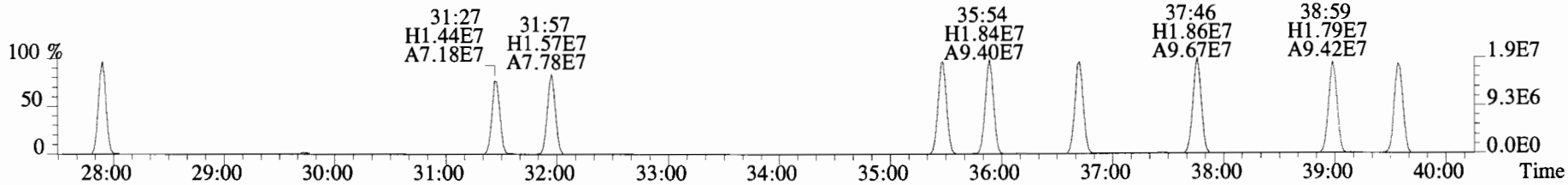
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



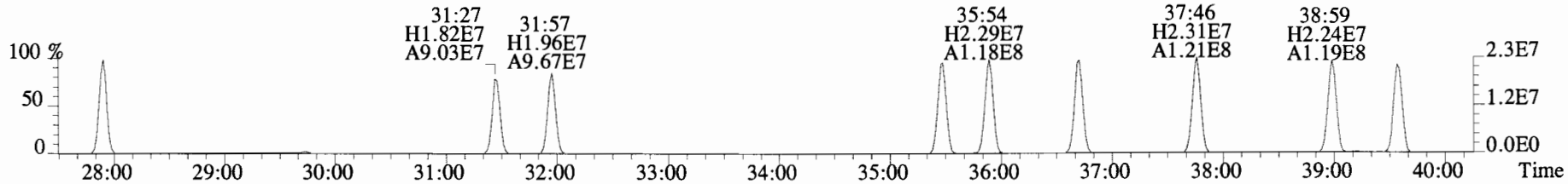
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



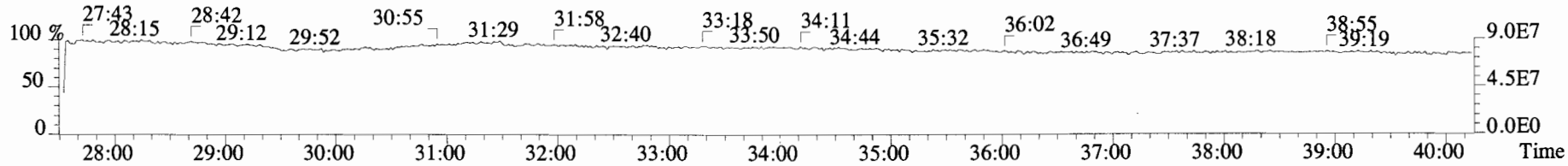
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



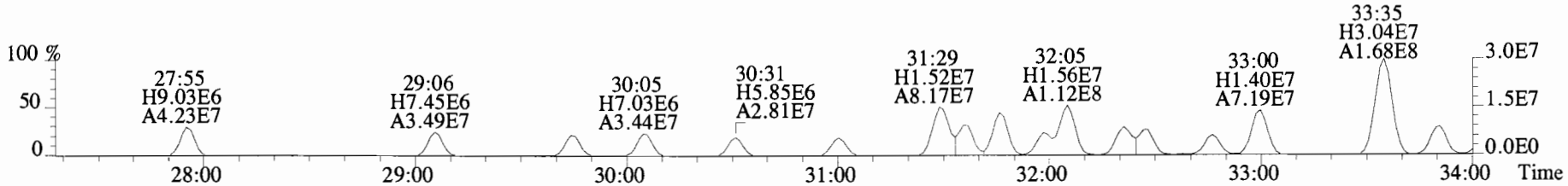
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



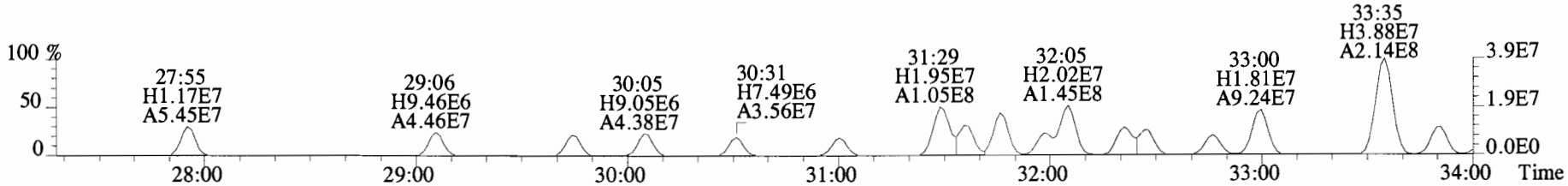
330.9792 S:4 F:3



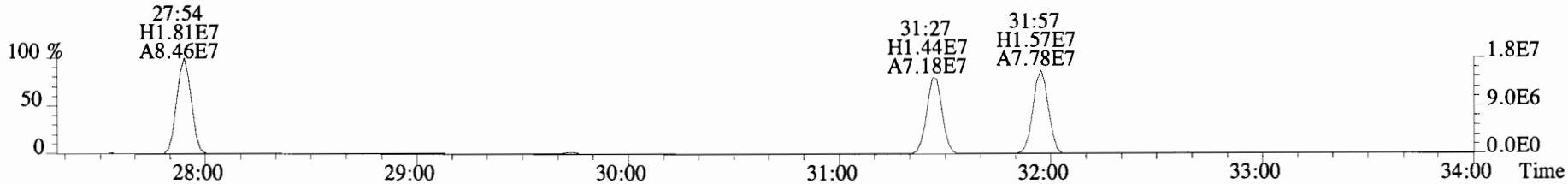
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



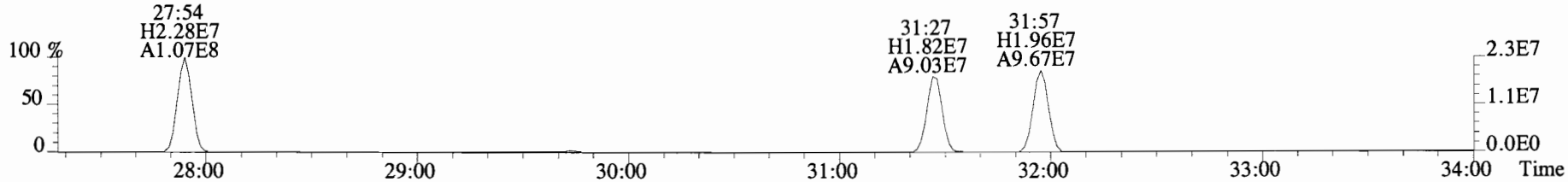
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



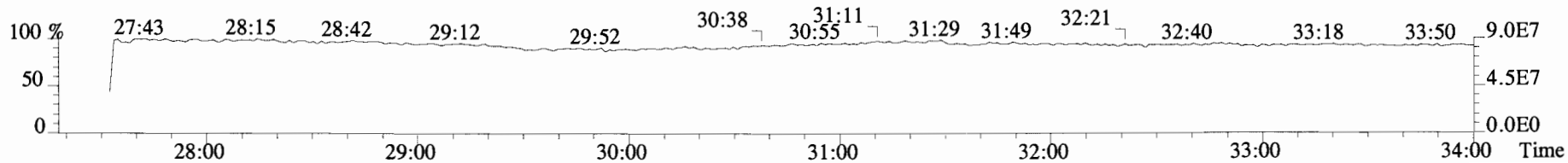
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



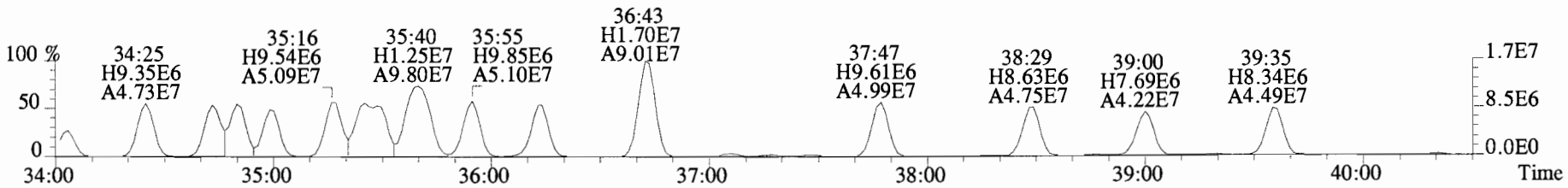
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



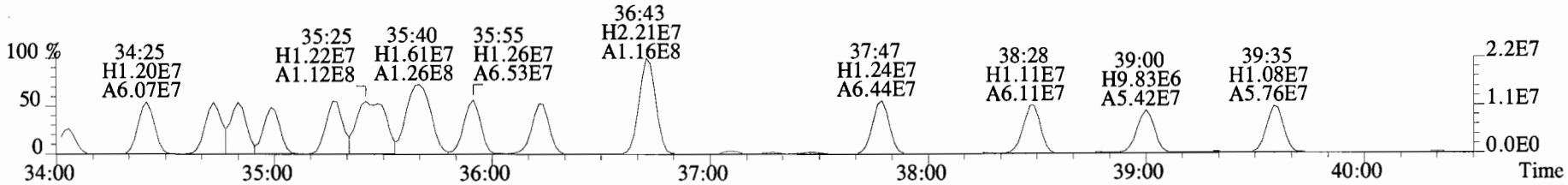
330.9792 S:4 F:3



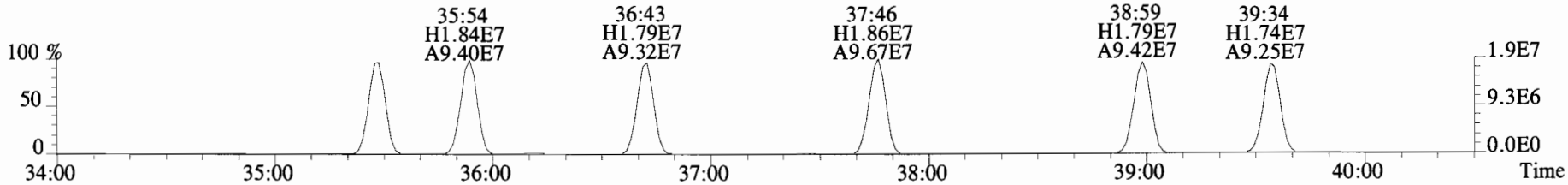
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



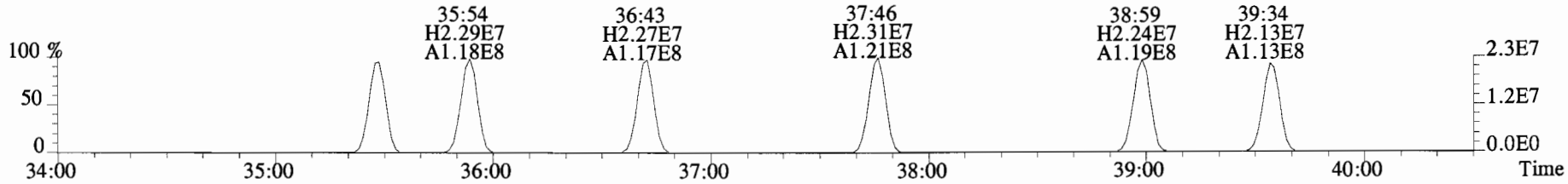
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



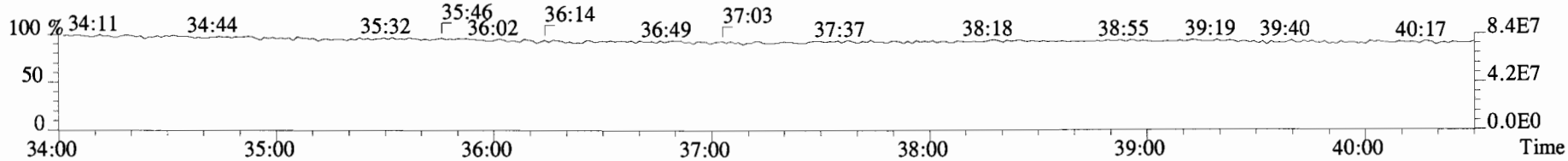
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



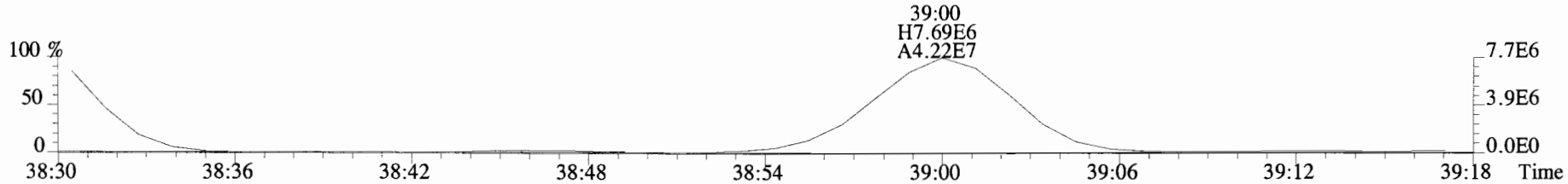
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



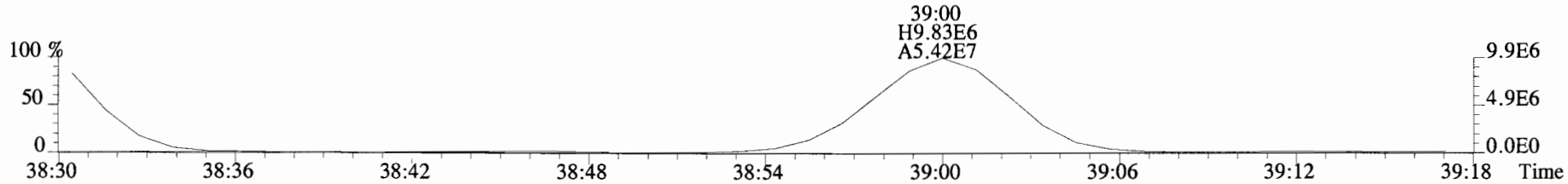
330.9792 S:4 F:3



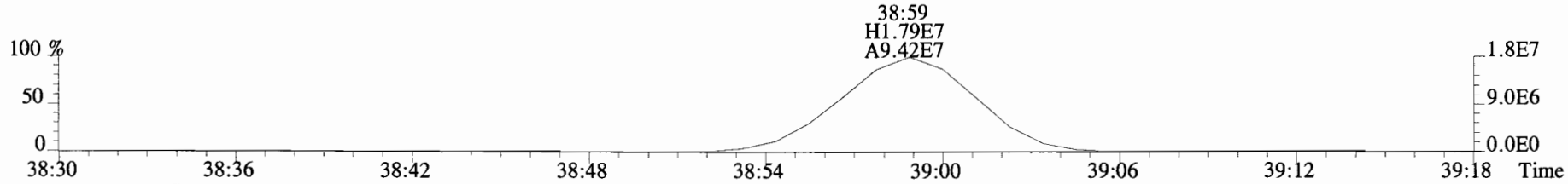
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



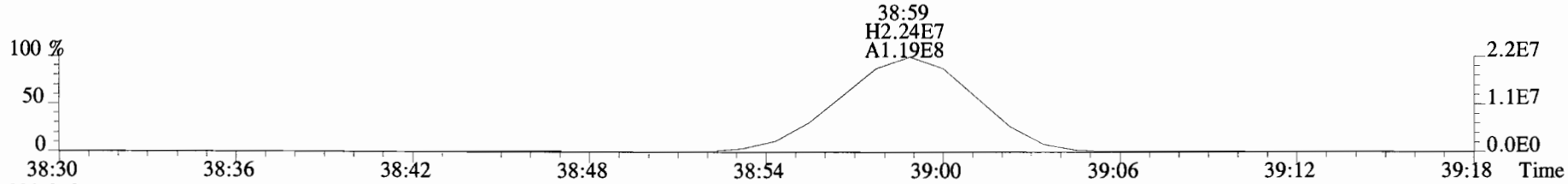
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



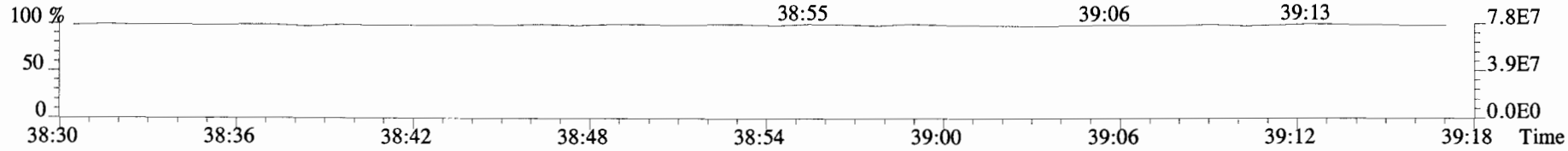
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



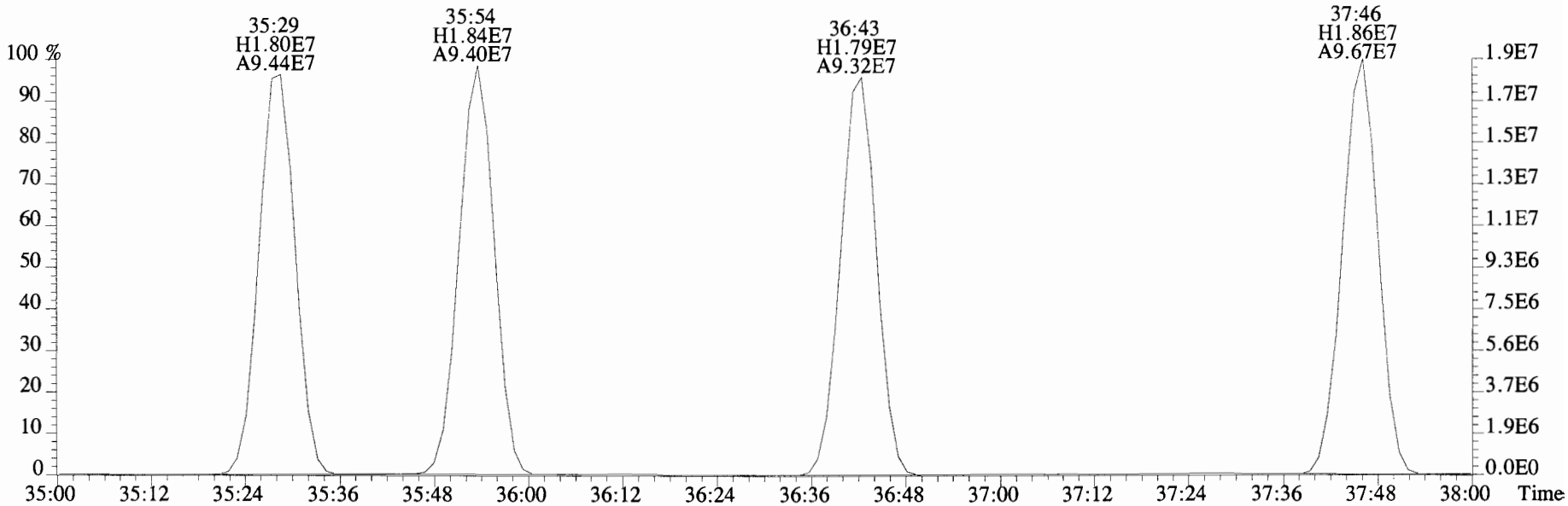
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



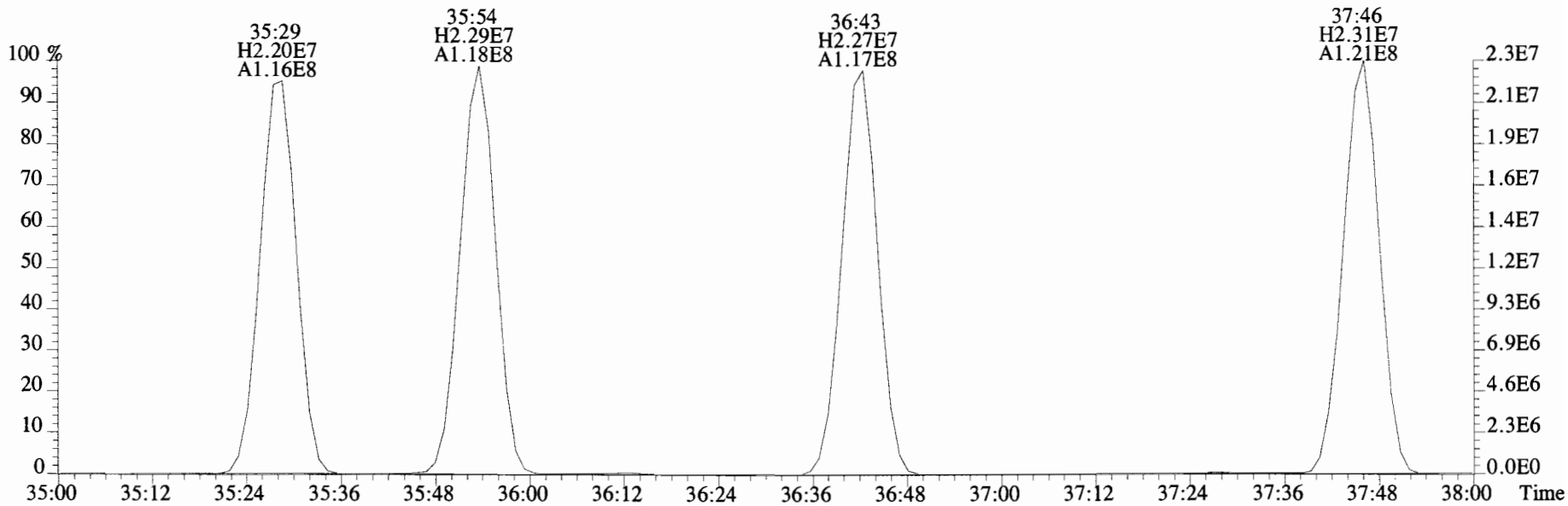
330.9792 S:4 F:3



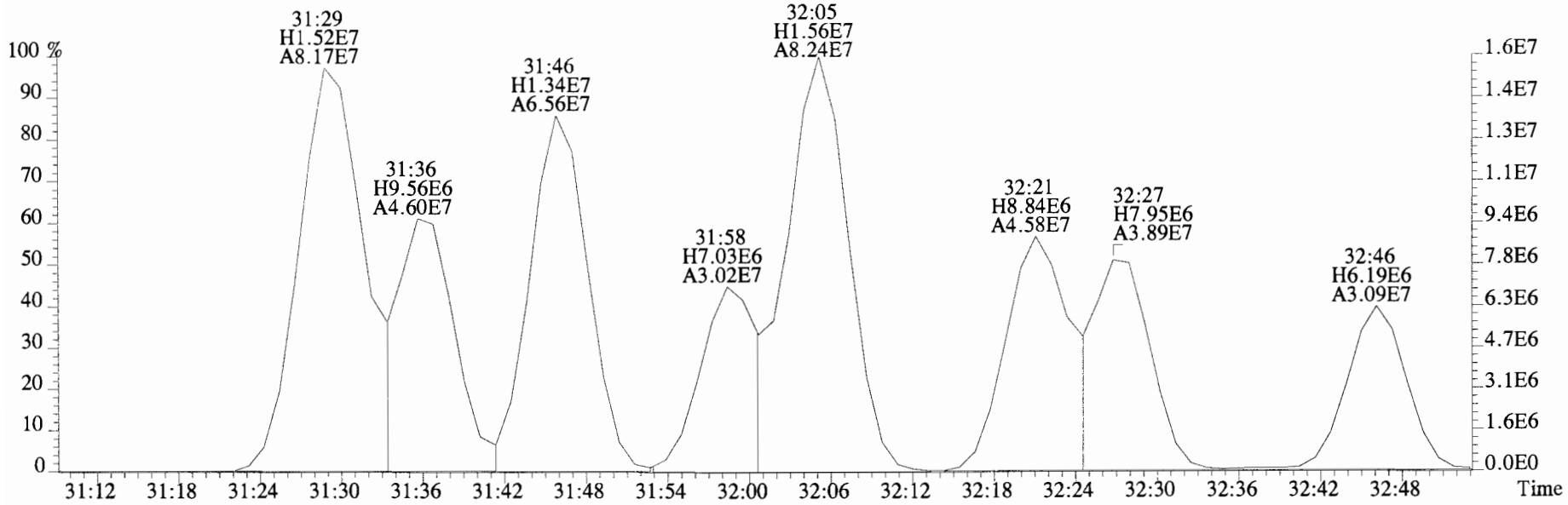
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37508.0,0.00%,F,F)



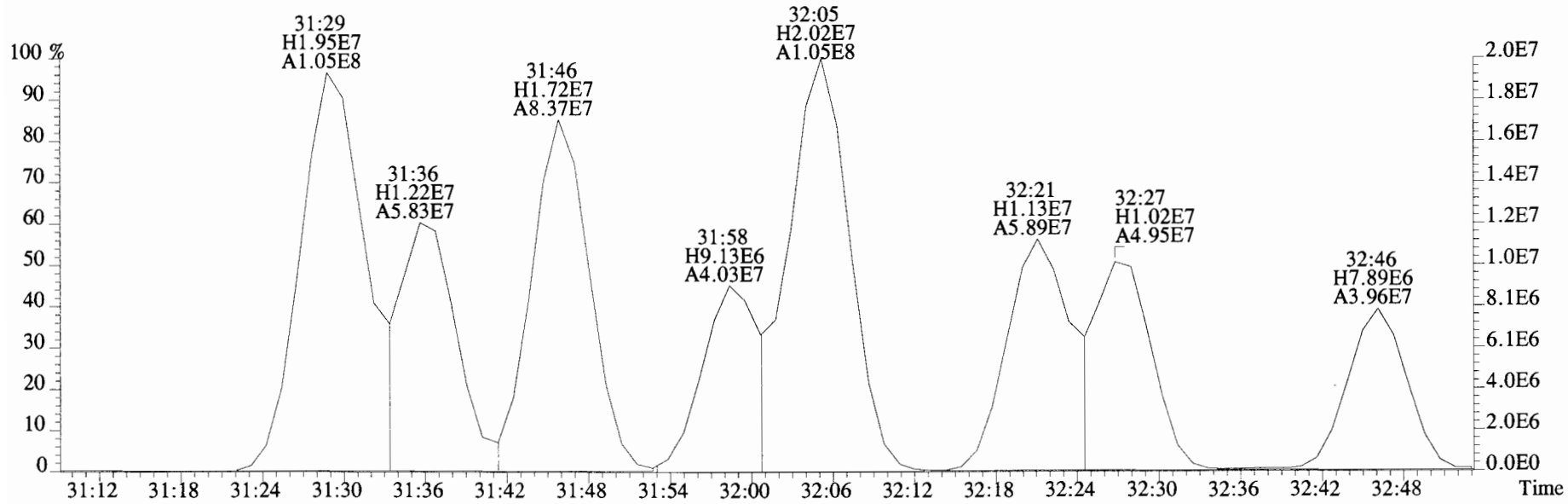
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20648.0,0.00%,F,F)



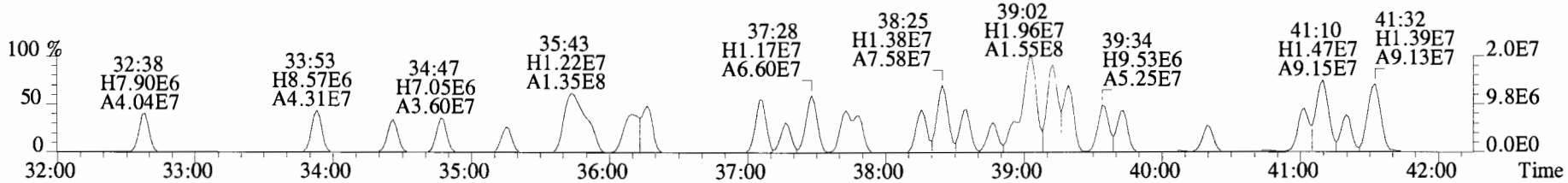
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24808.0,0.00%,F,F)



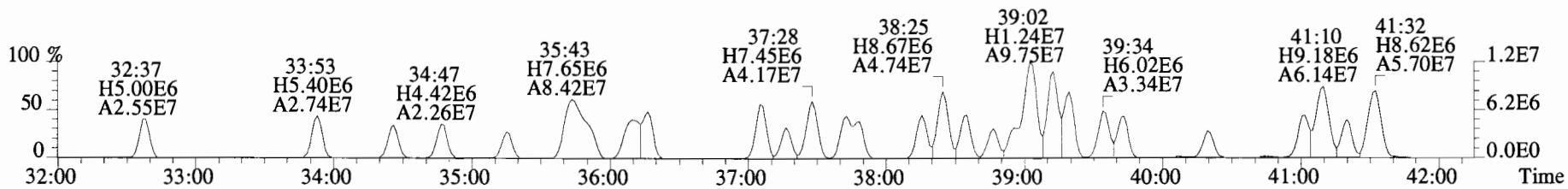
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27716.0,0.00%,F,F)



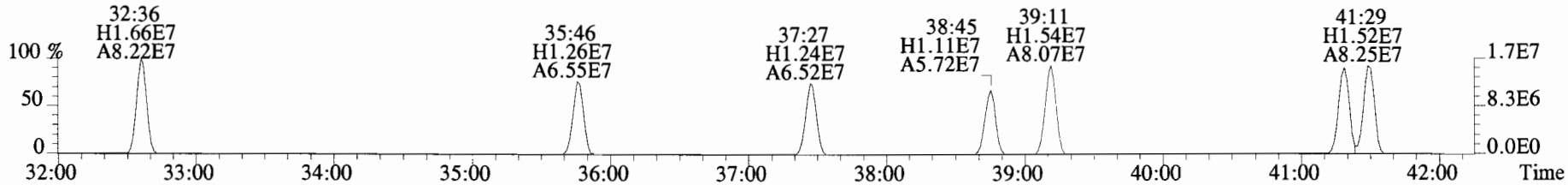
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



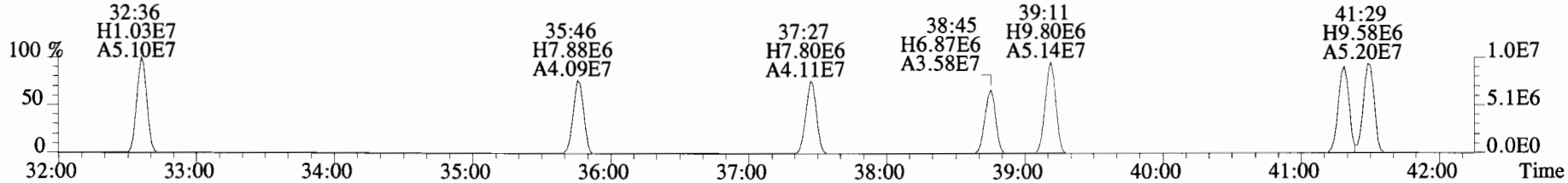
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



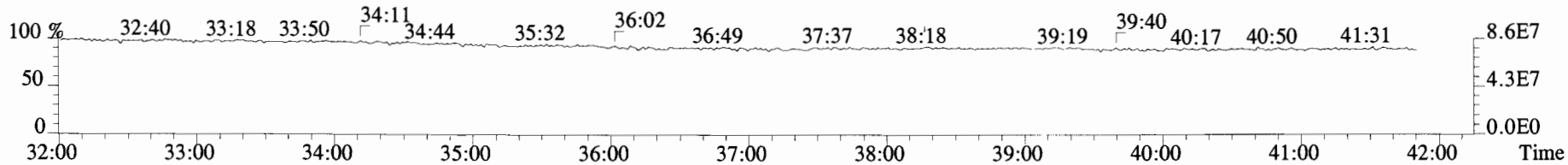
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



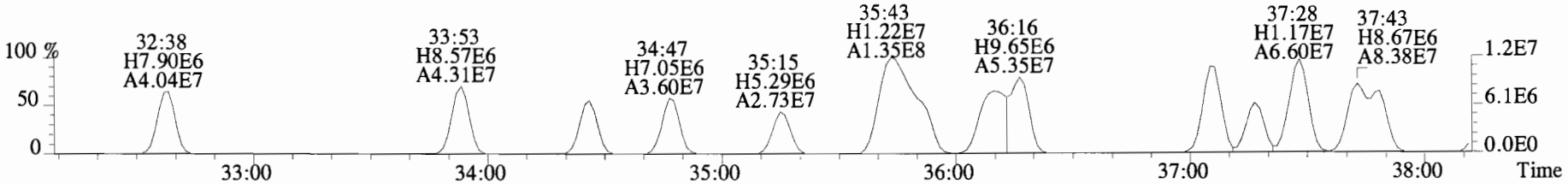
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



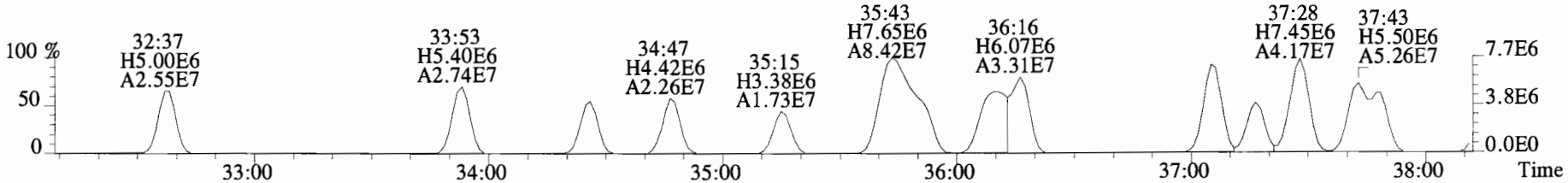
330.9792 S:4 F:3



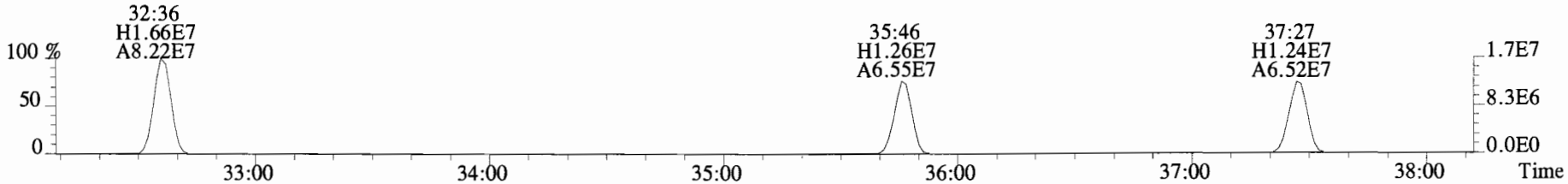
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



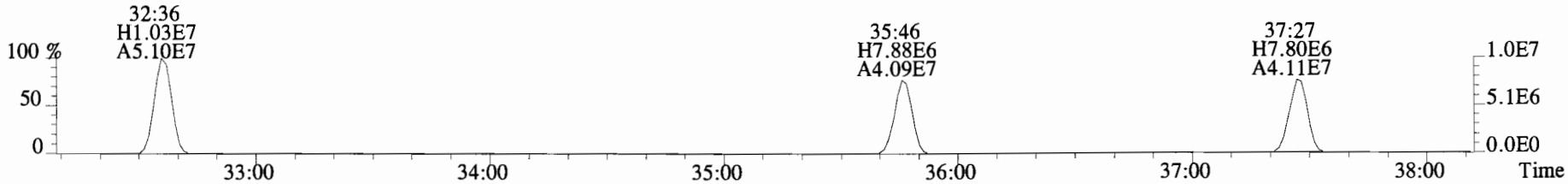
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



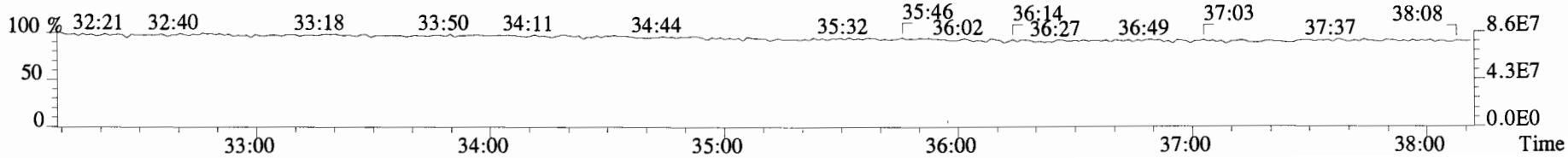
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



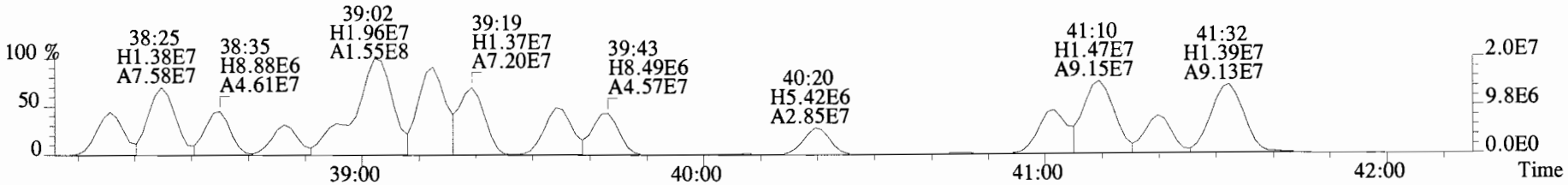
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



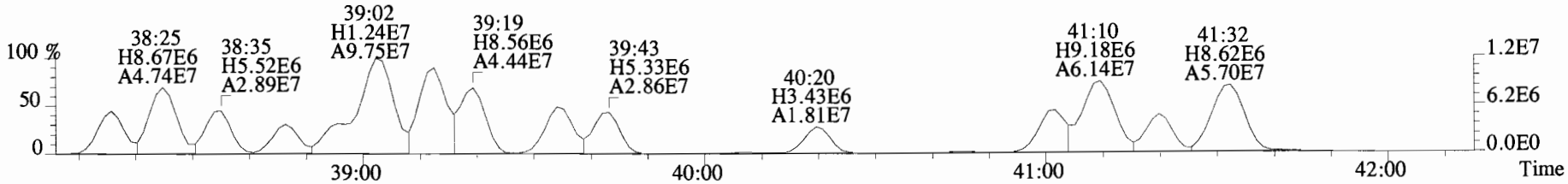
330.9792 S:4 F:3



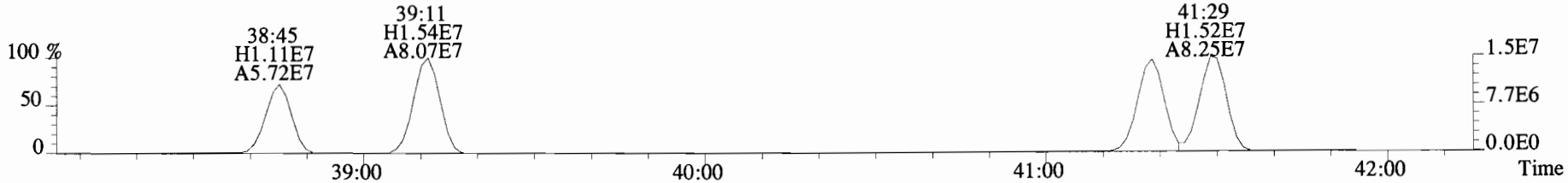
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



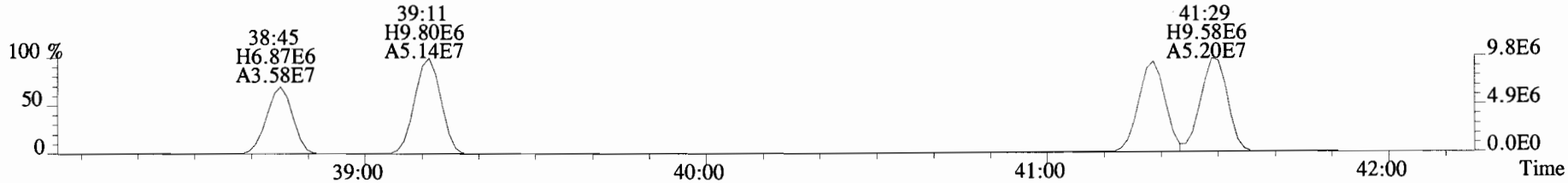
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



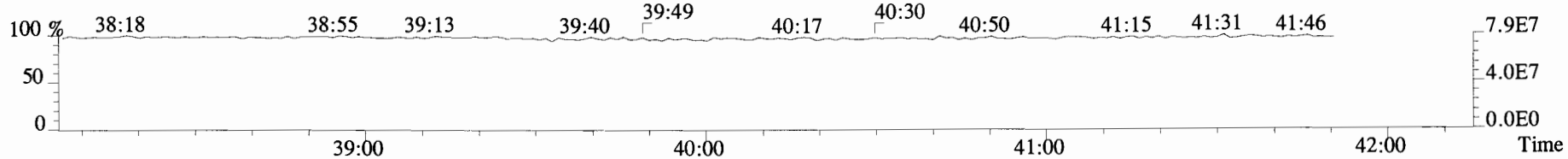
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



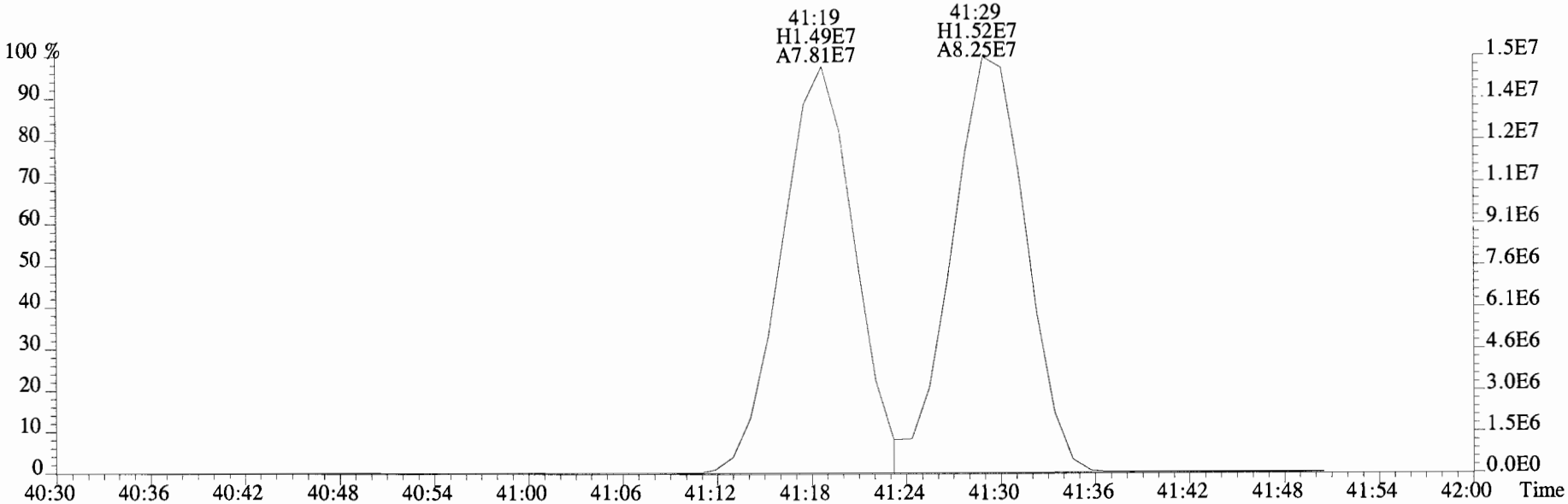
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



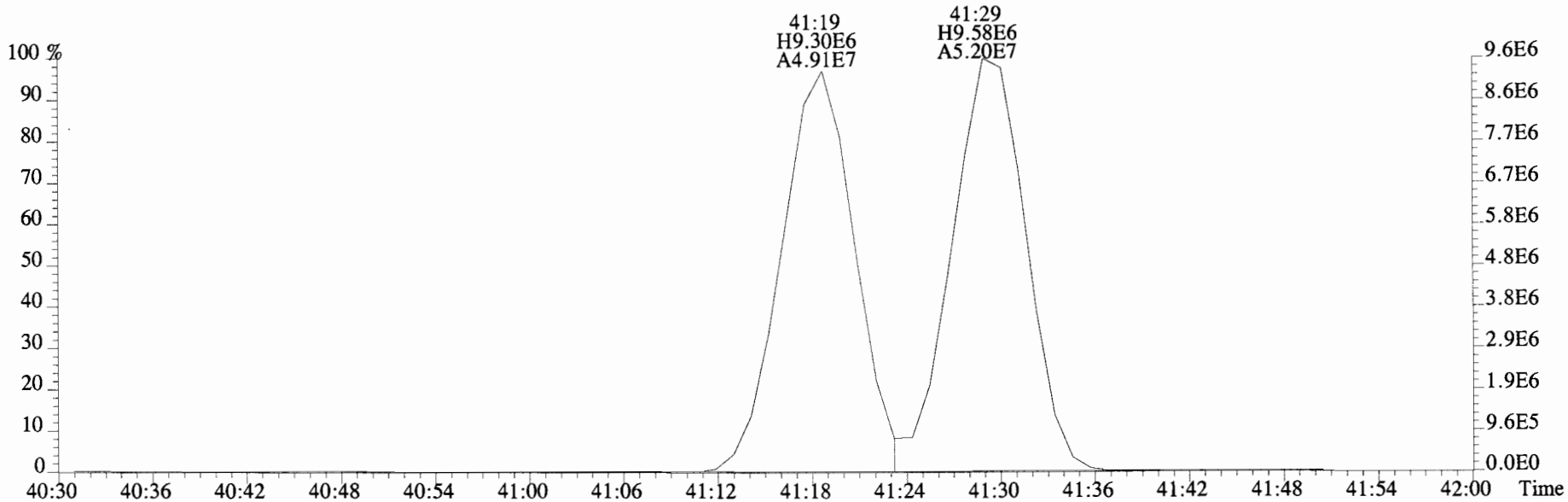
330.9792 S:4 F:3



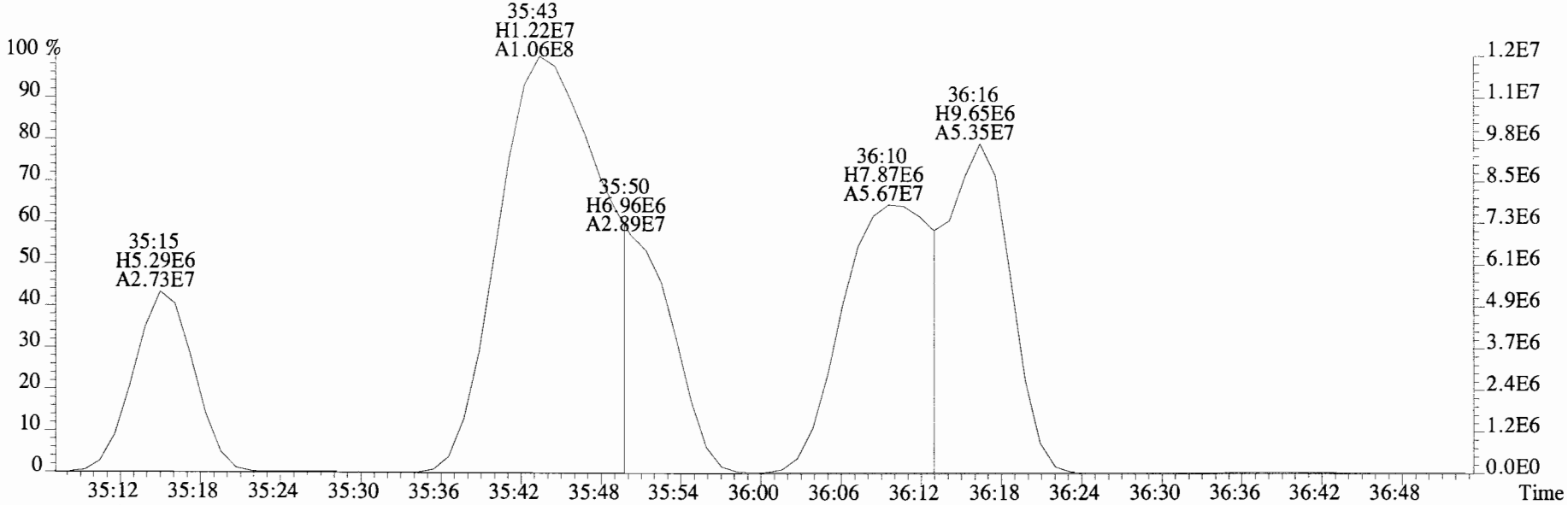
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SlR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7456.0,0.00%,F,F)



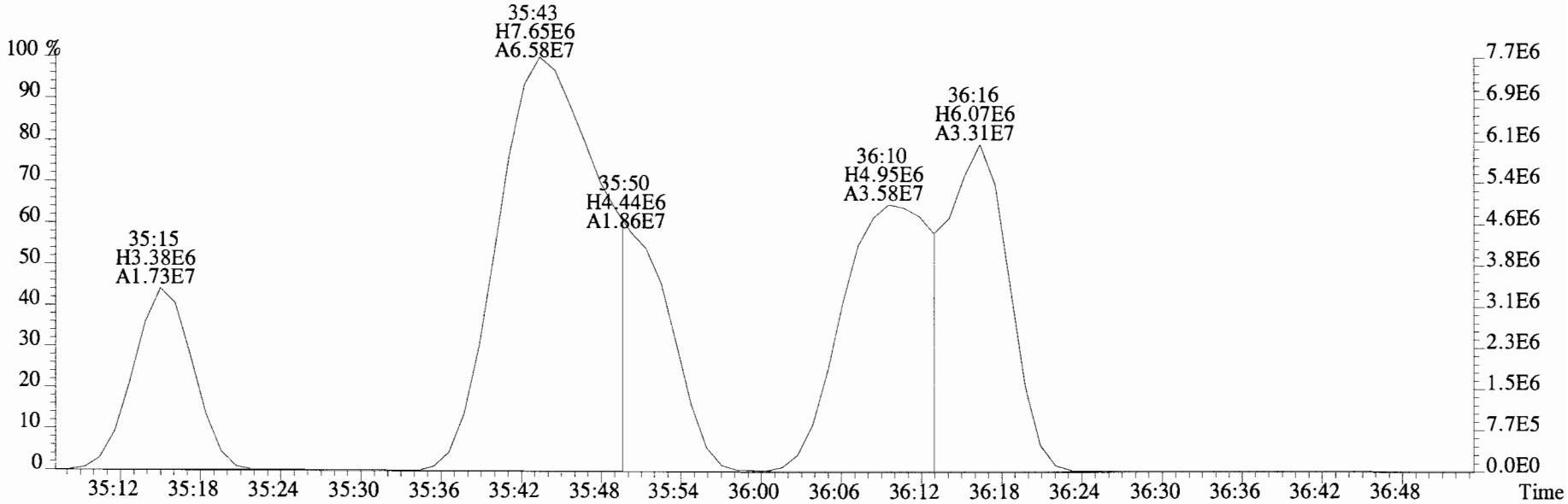
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4200.0,0.00%,F,F)



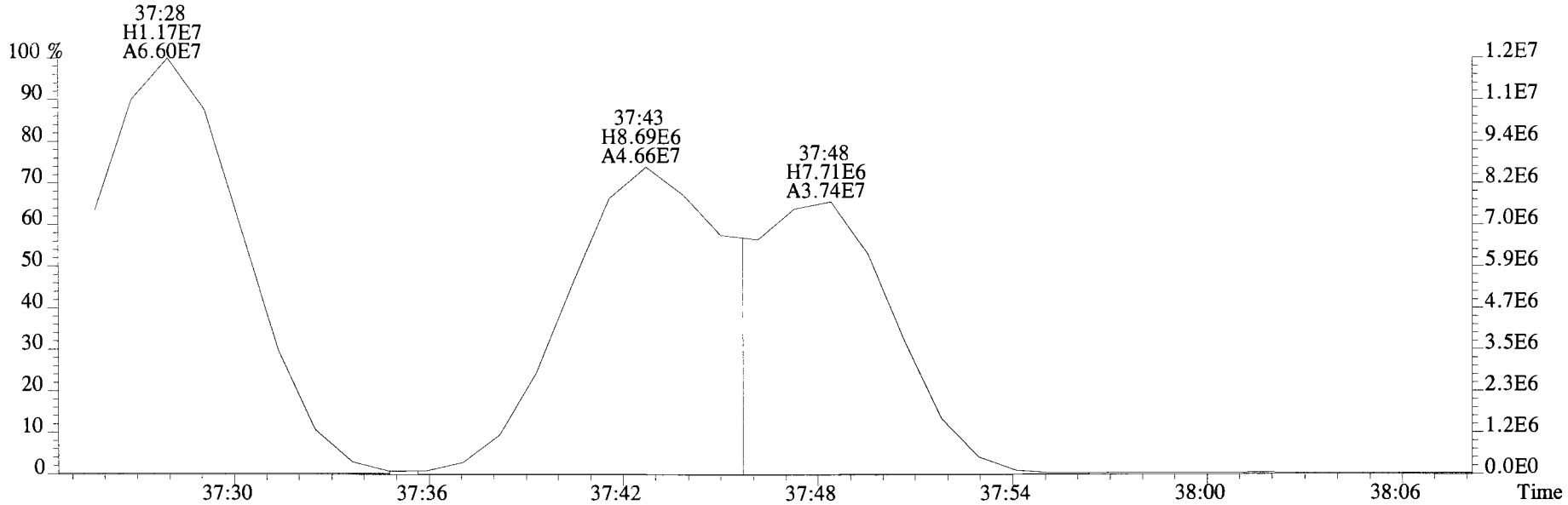
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



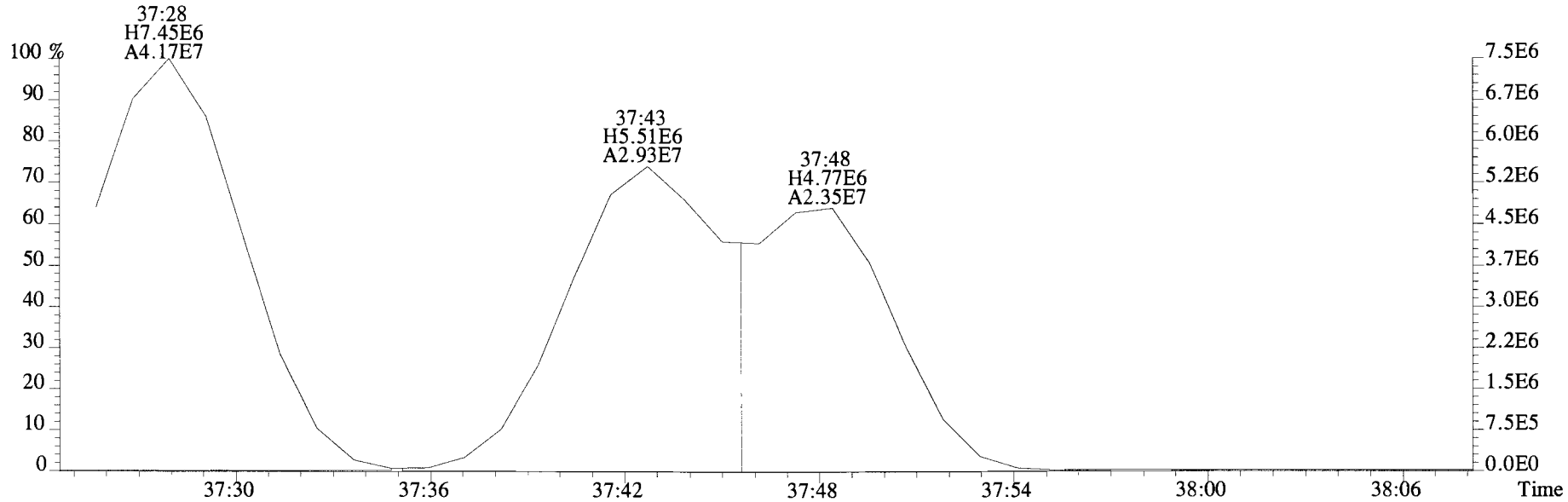
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



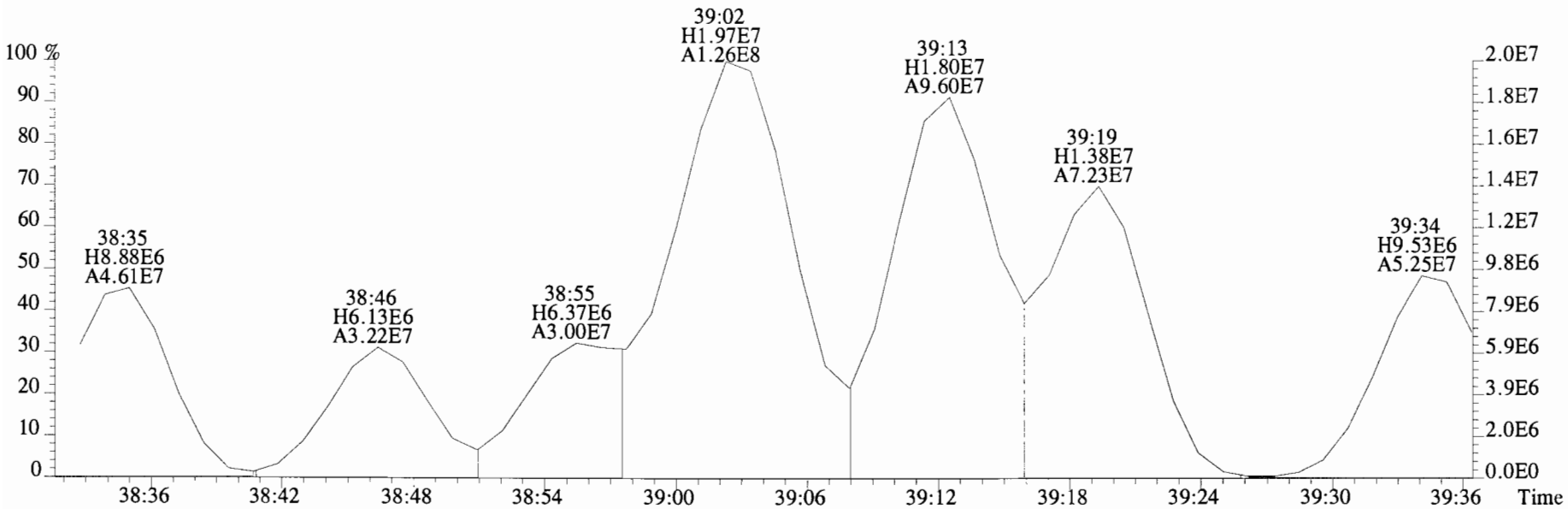
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



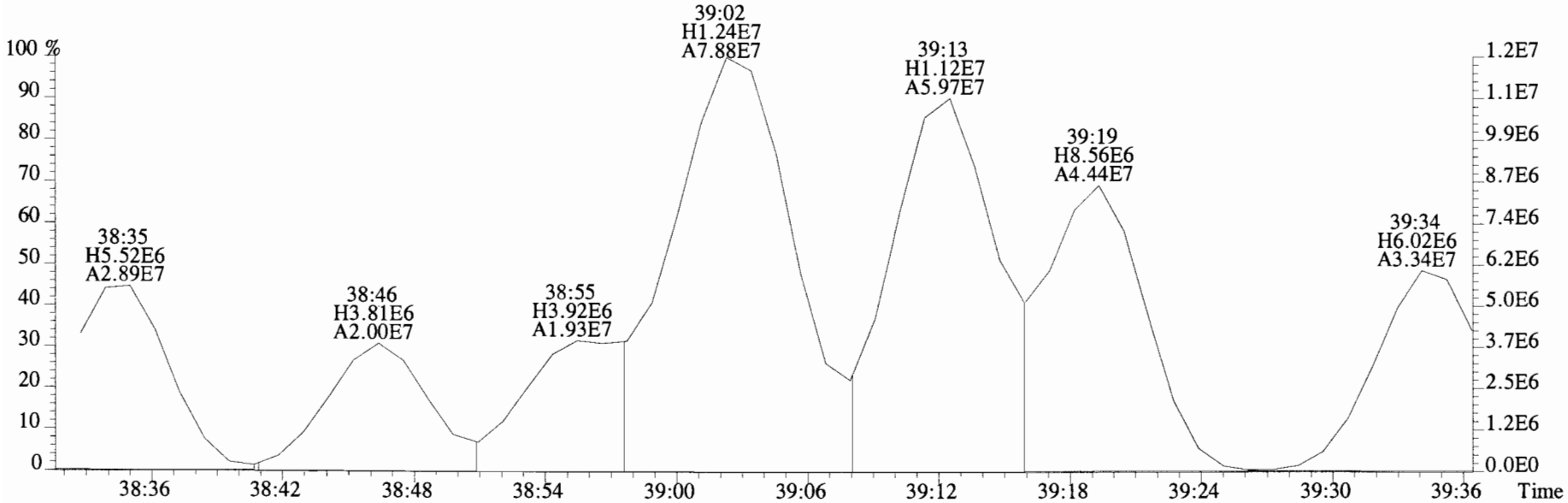
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



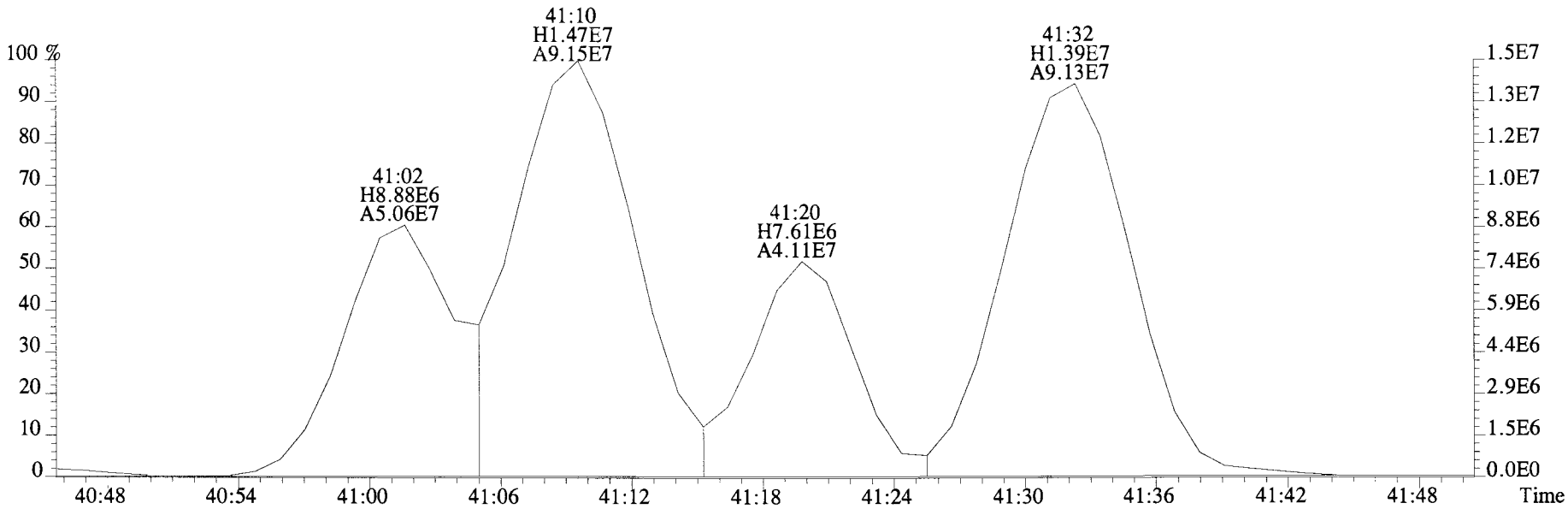
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



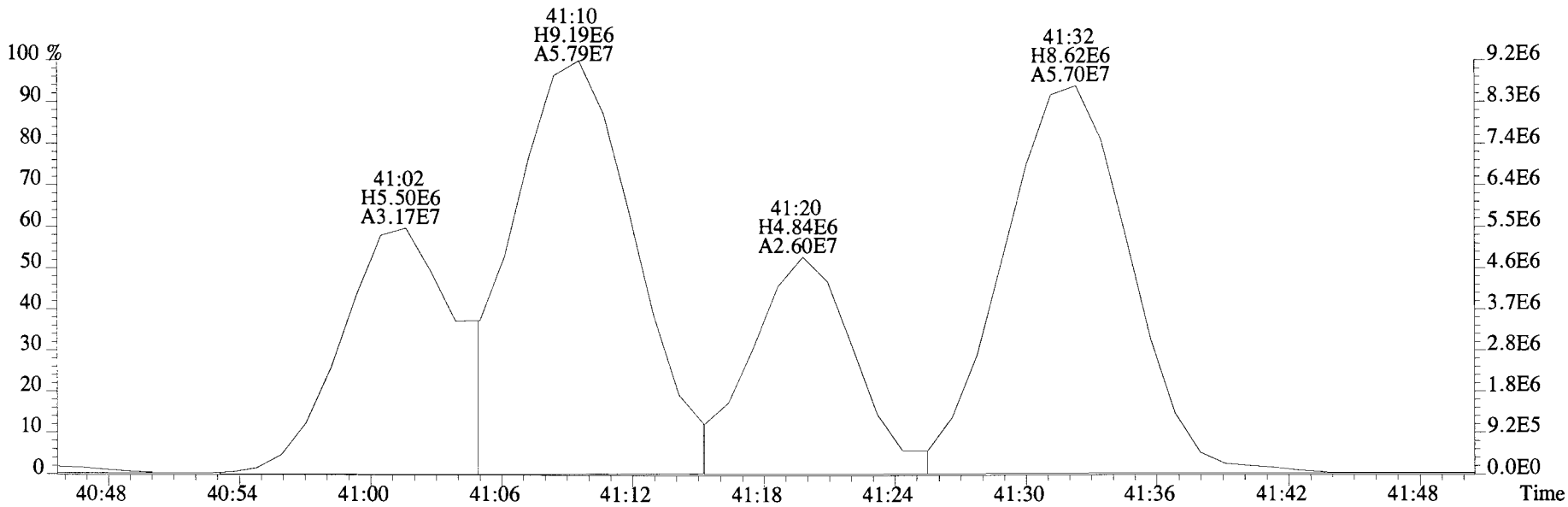
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



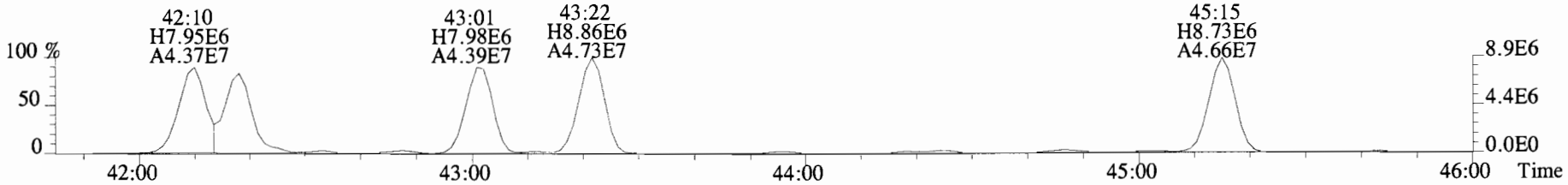
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



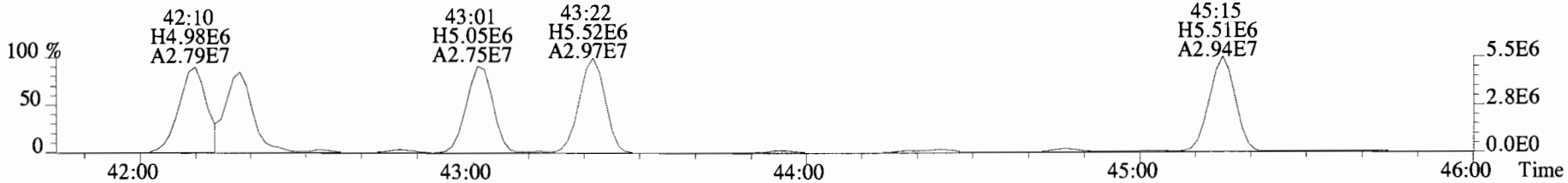
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2092.0,0.00%,F,F)



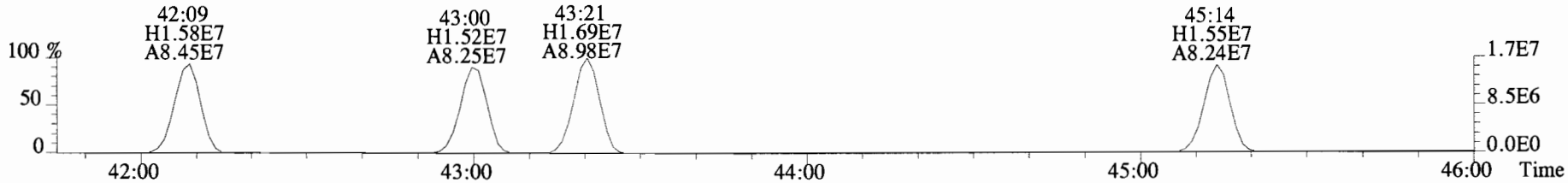
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13140.0,0.00%,F,F)



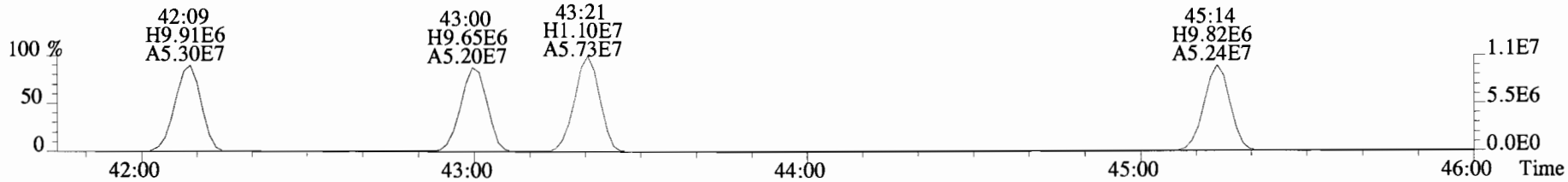
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



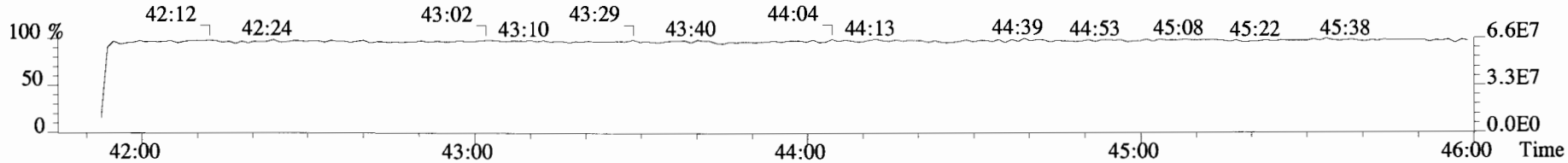
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12724.0,0.00%,F,F)



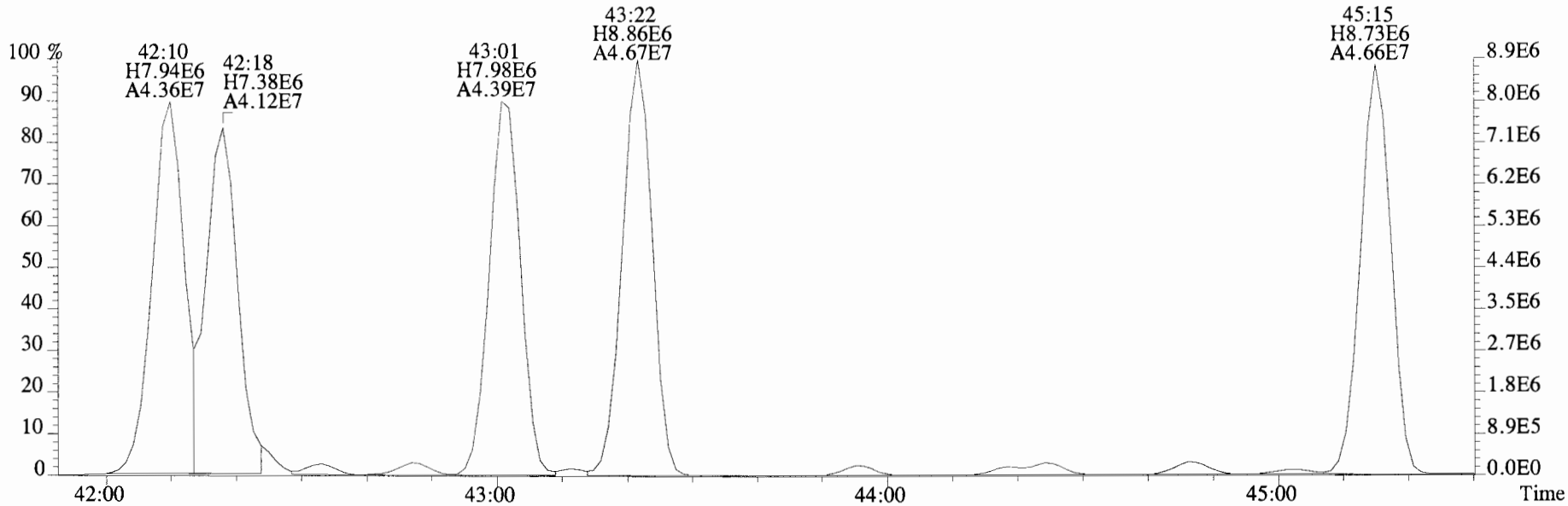
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9400.0,0.00%,F,F)



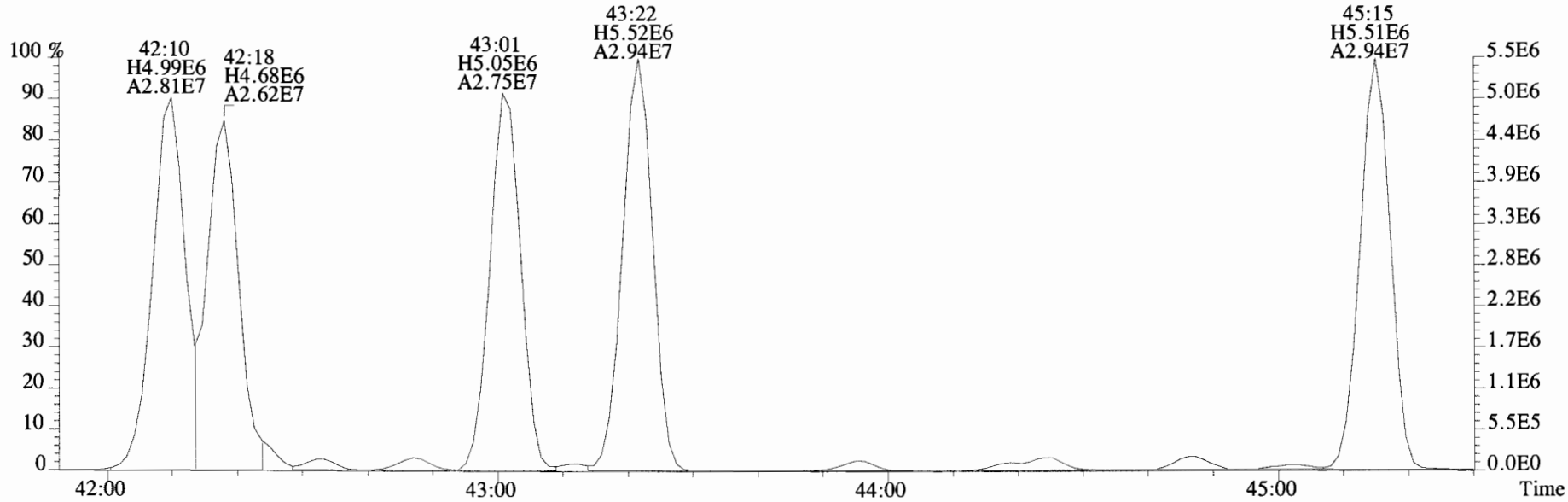
380.9760 S:4 F:4



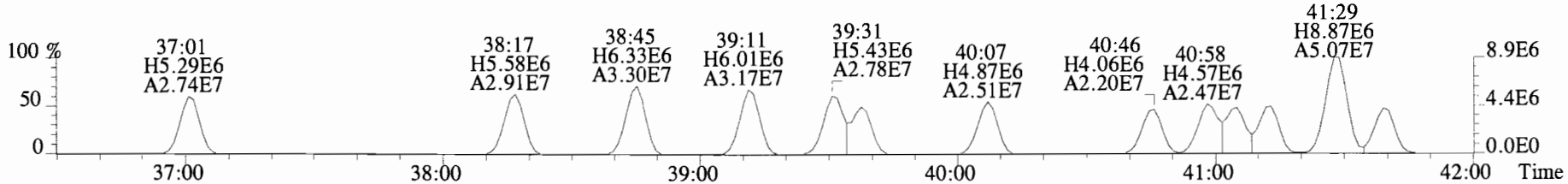
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13140.0,0.00%,F,F)



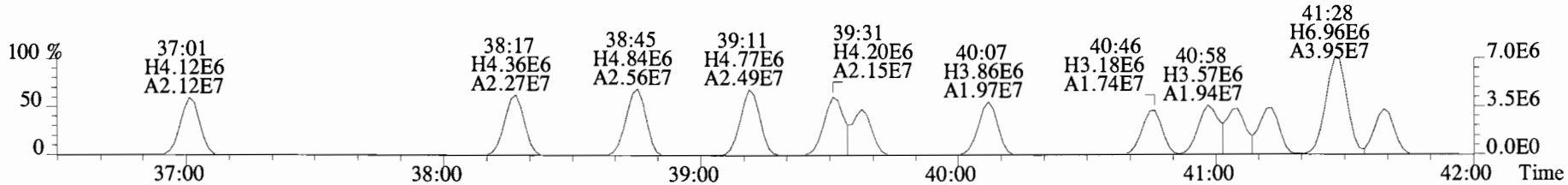
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



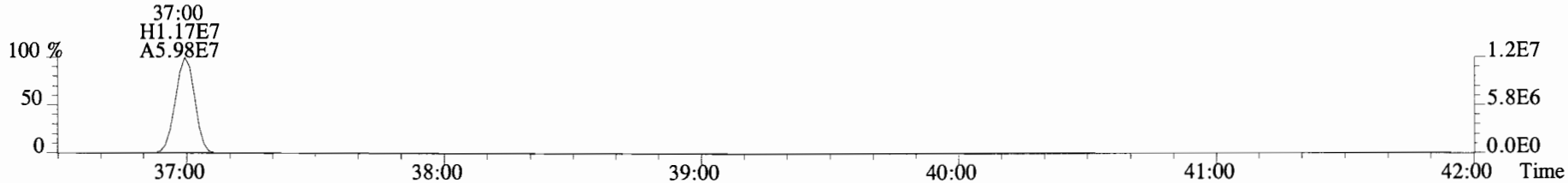
File:180208E1 #1-756 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



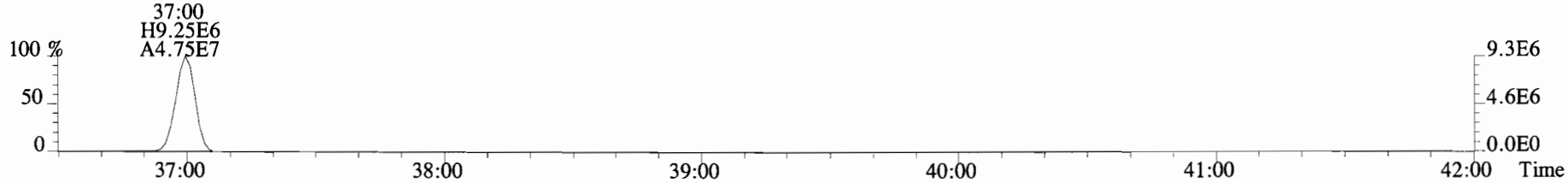
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1692.0,0.00%,F,F)



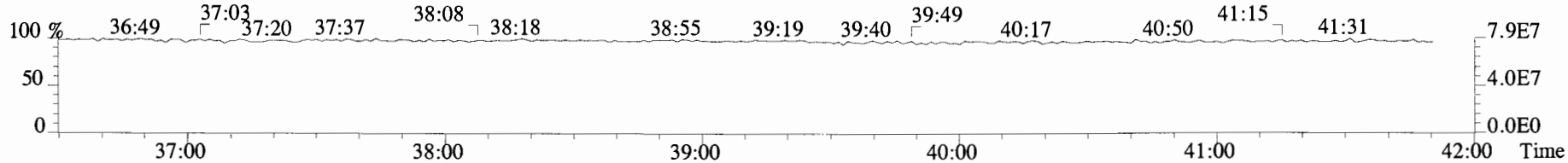
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1804.0,0.00%,F,F)



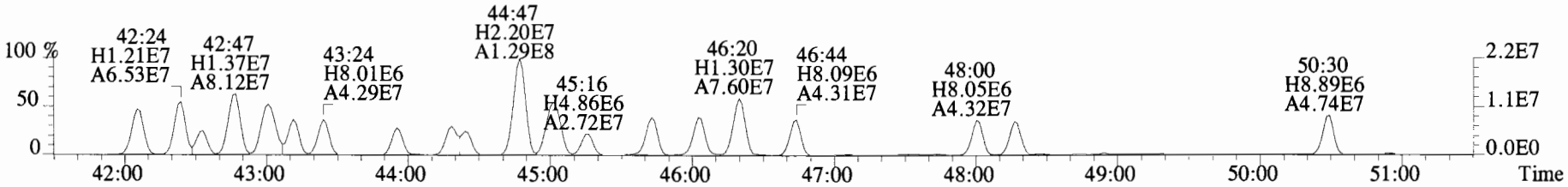
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3536.0,0.00%,F,F)



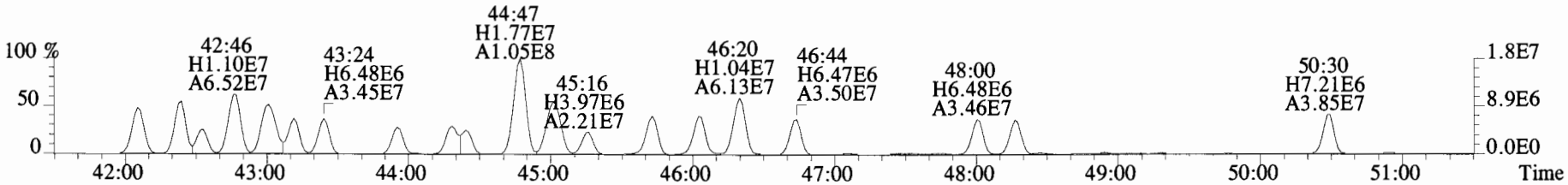
330.9792 S:4 F:3



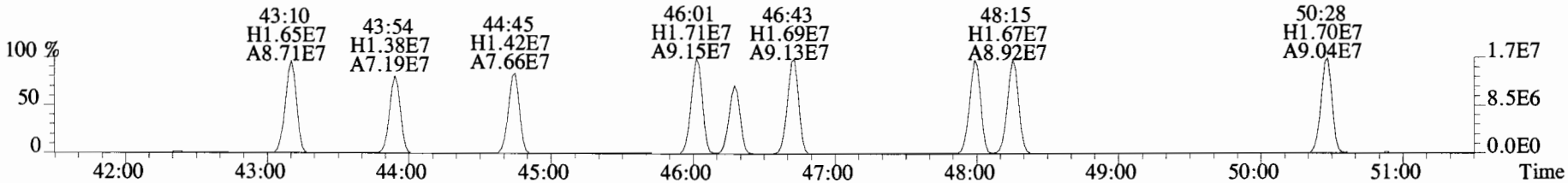
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



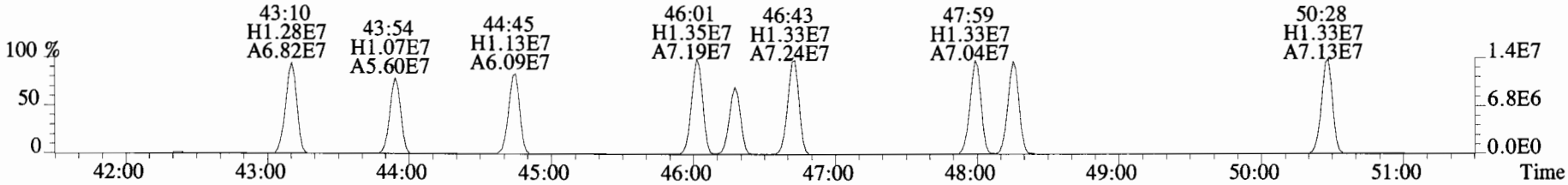
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



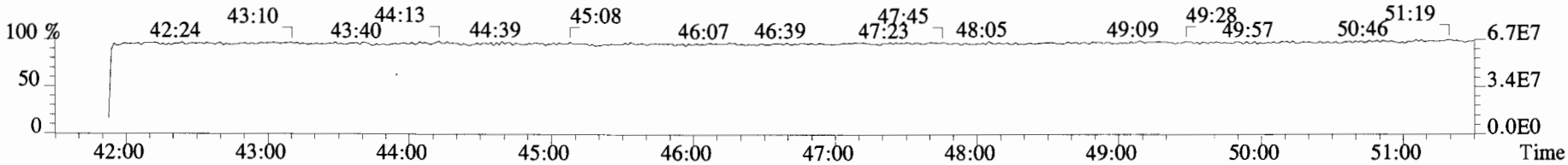
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



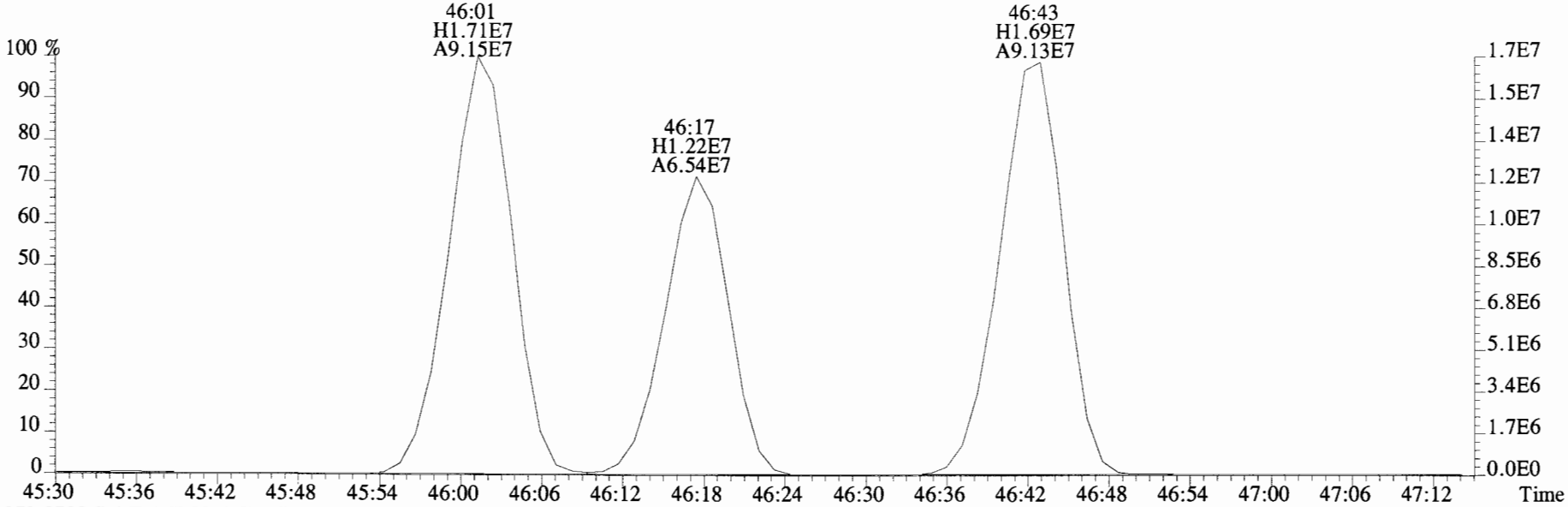
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



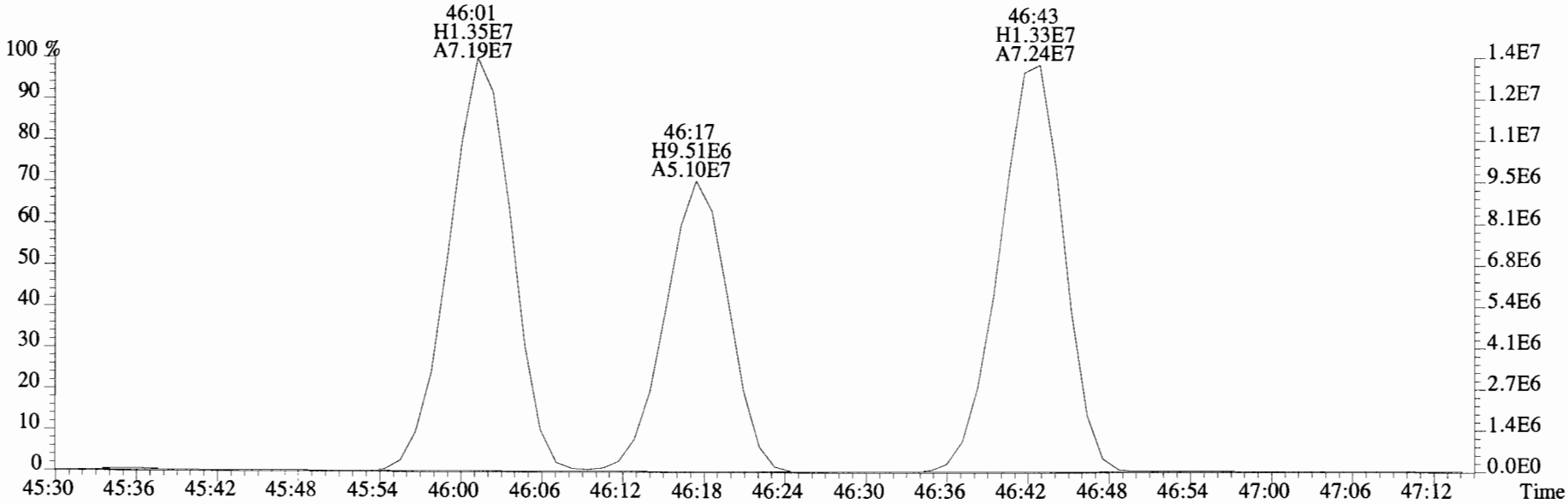
380.9760 S:4 F:4



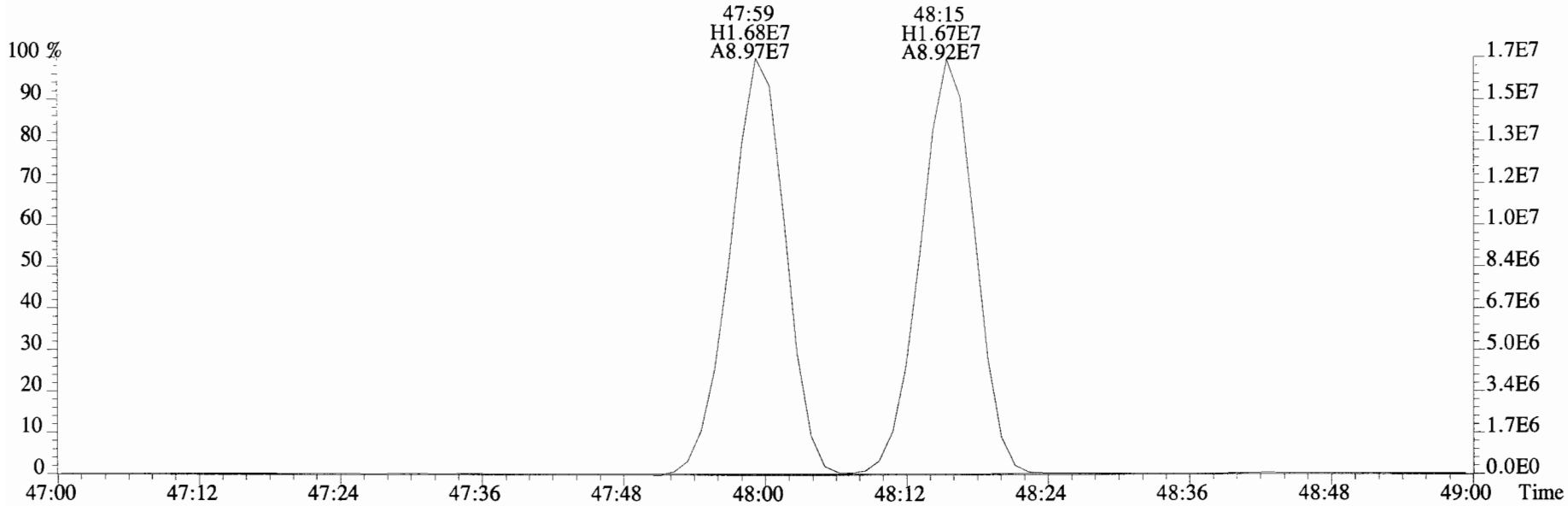
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



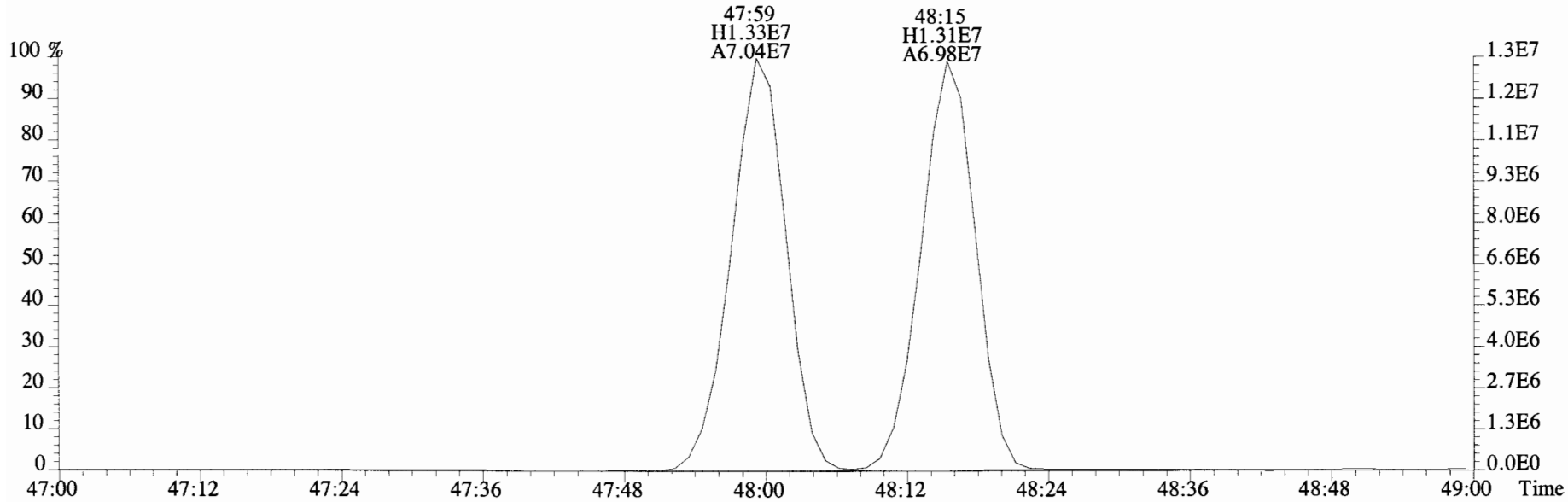
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



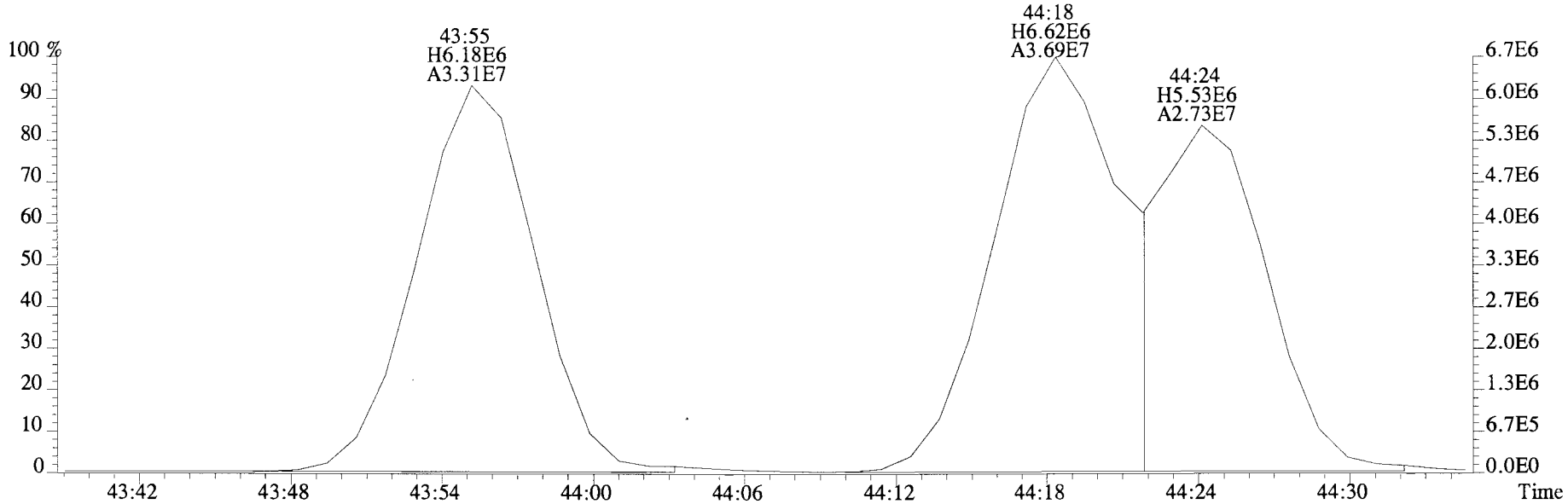
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24460.0,0.00%,F,F)



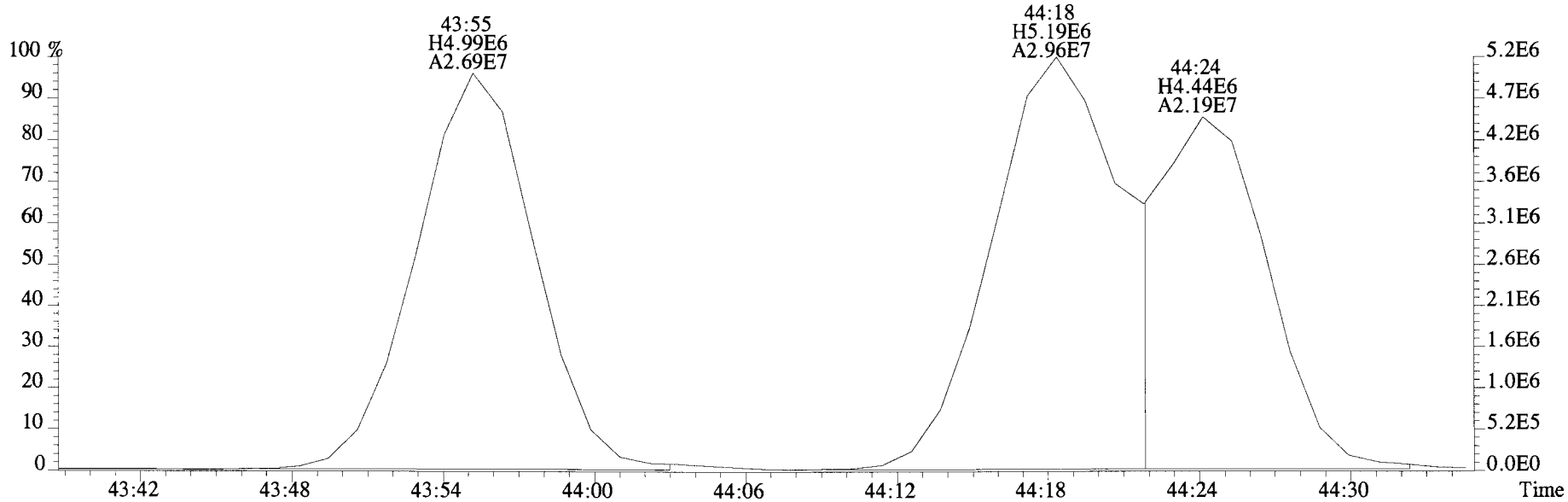
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19756.0,0.00%,F,F)



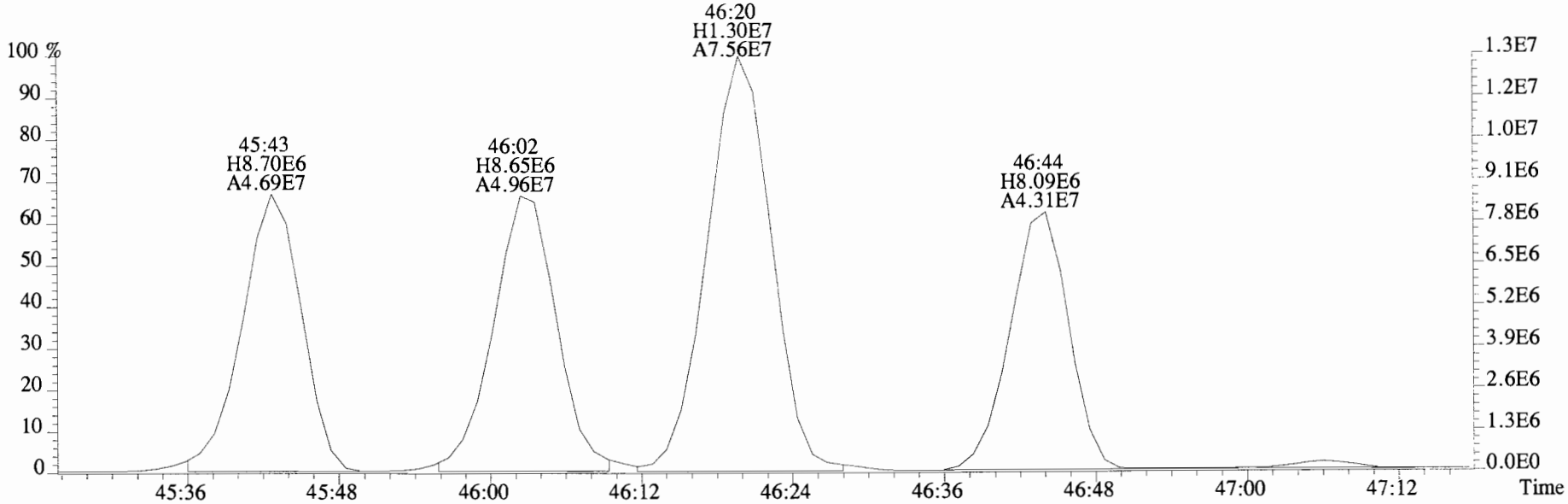
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



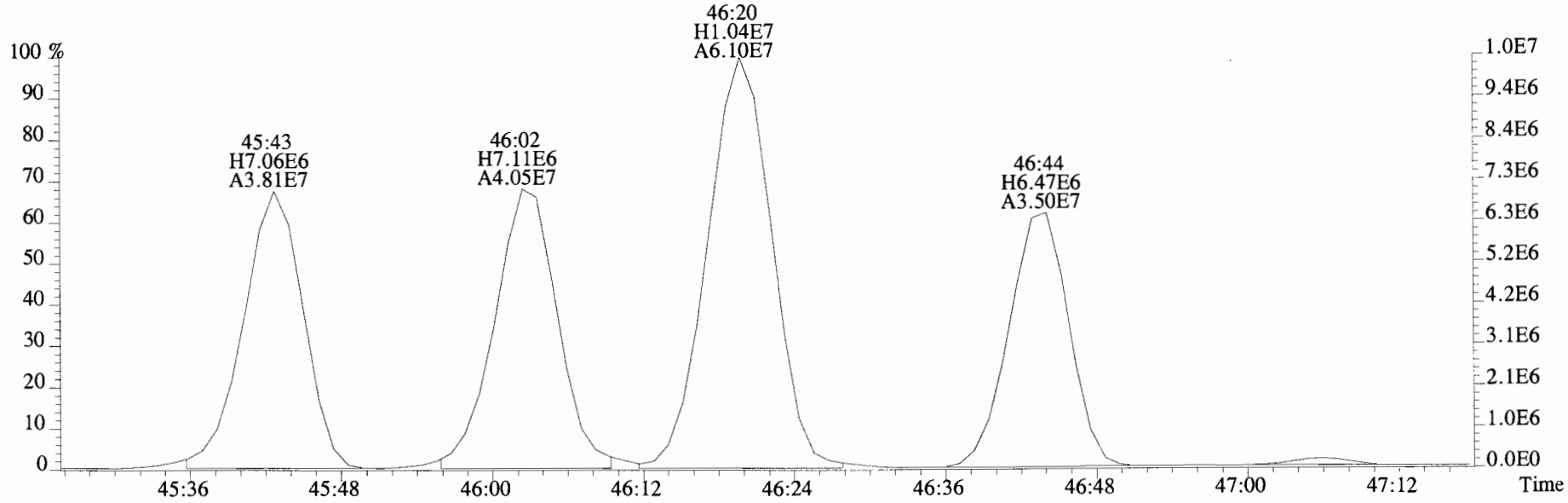
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



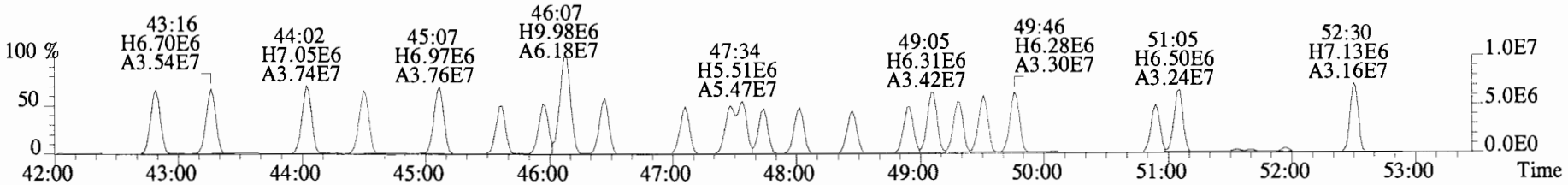
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60908.0,0.00%,F,F)



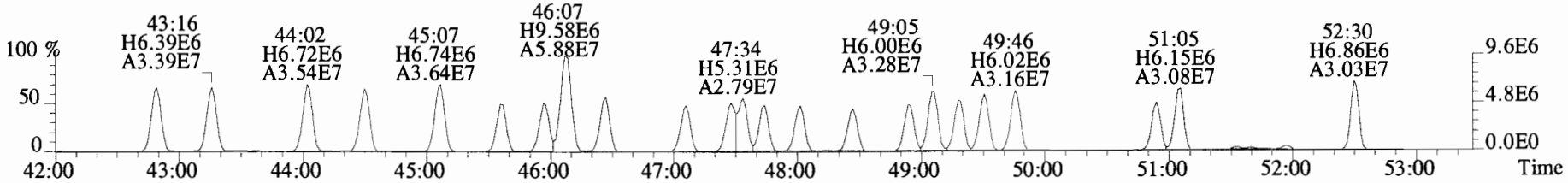
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50008.0,0.00%,F,F)



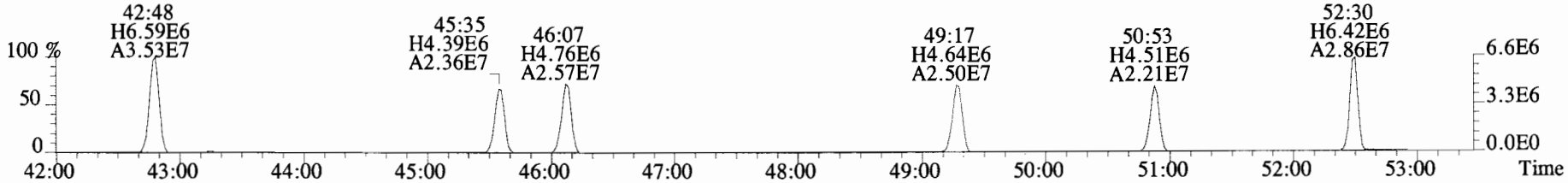
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43436.0,0.00%,F,F)



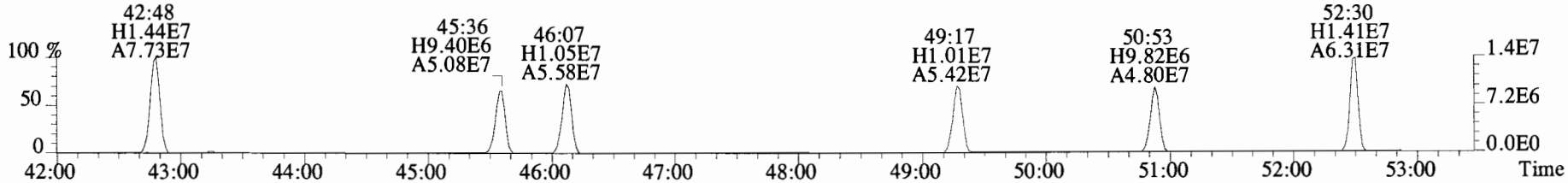
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39792.0,0.00%,F,F)



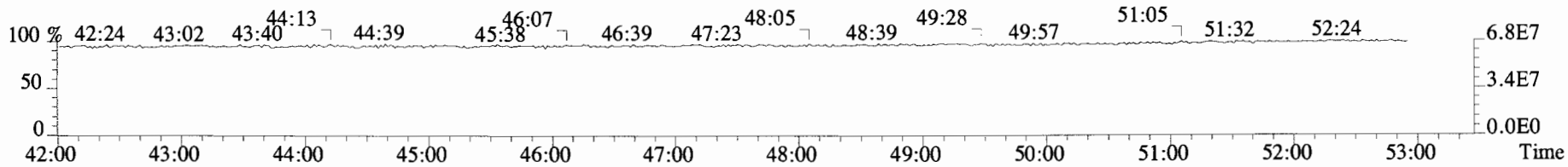
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8856.0,0.00%,F,F)



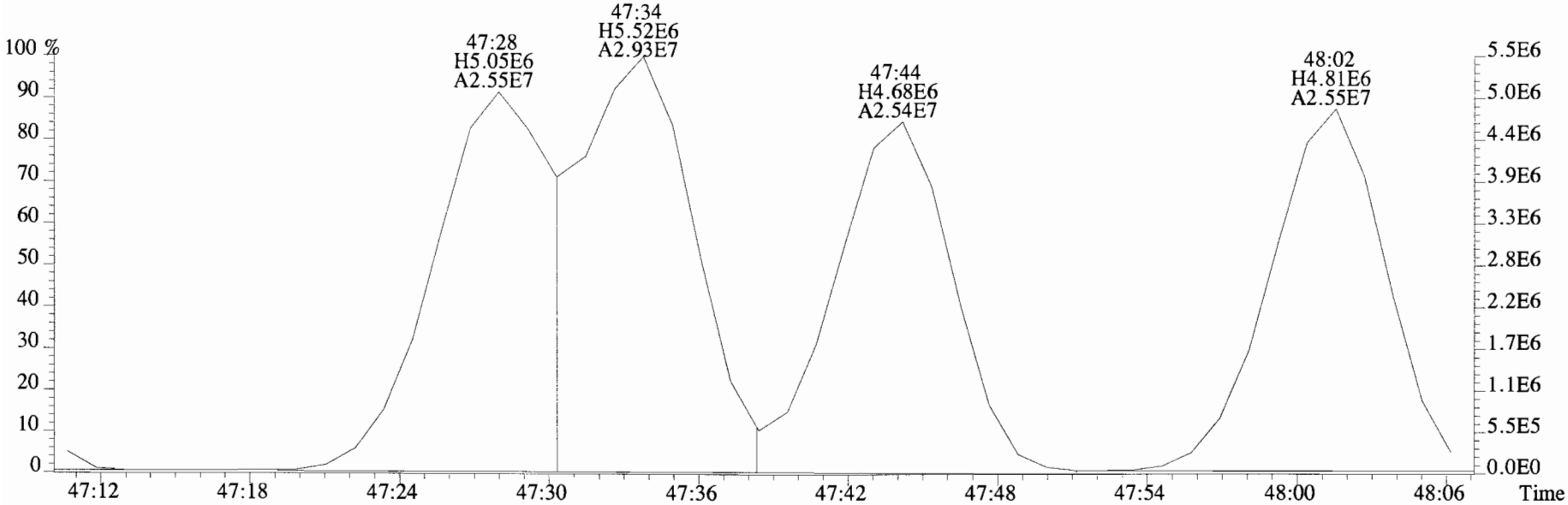
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16584.0,0.00%,F,F)



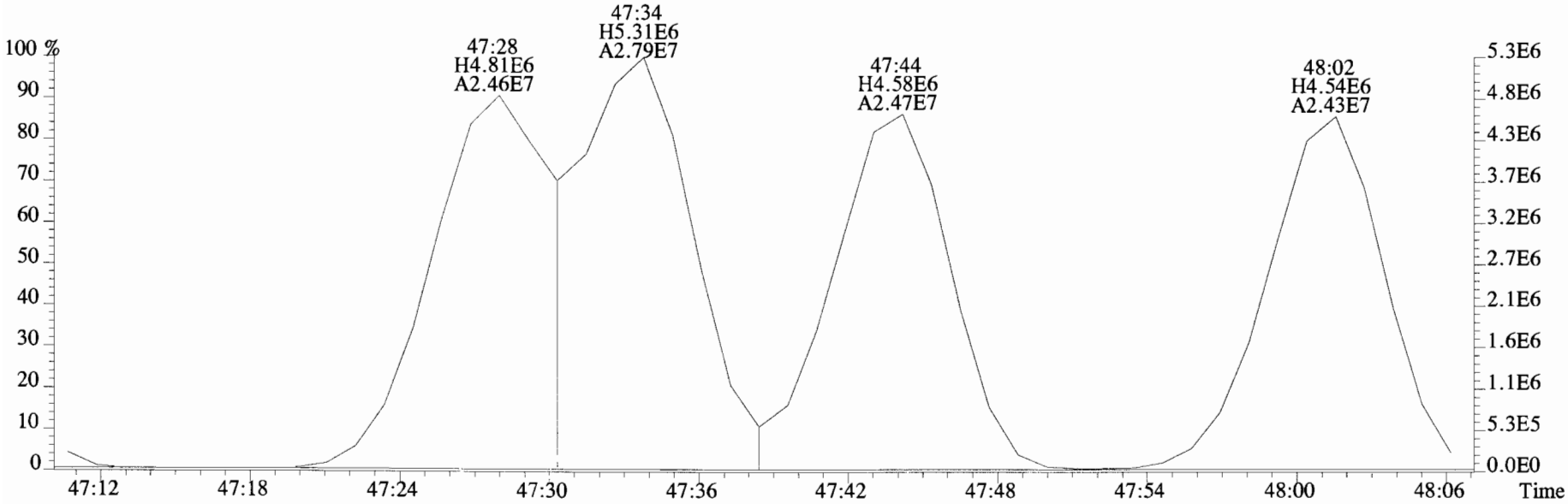
380.9760 S:4 F:4



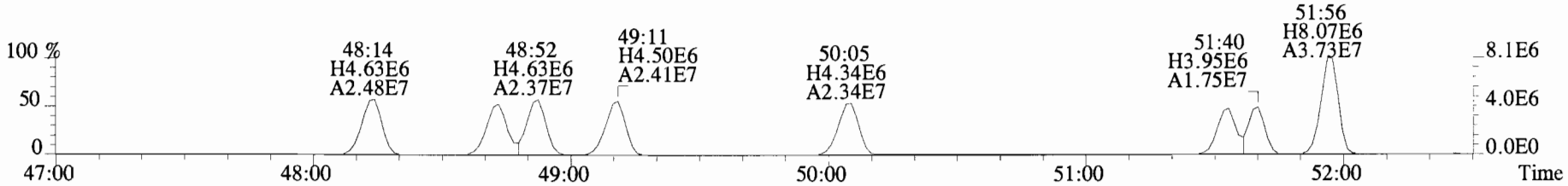
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43436.0,0.00%,F,F)



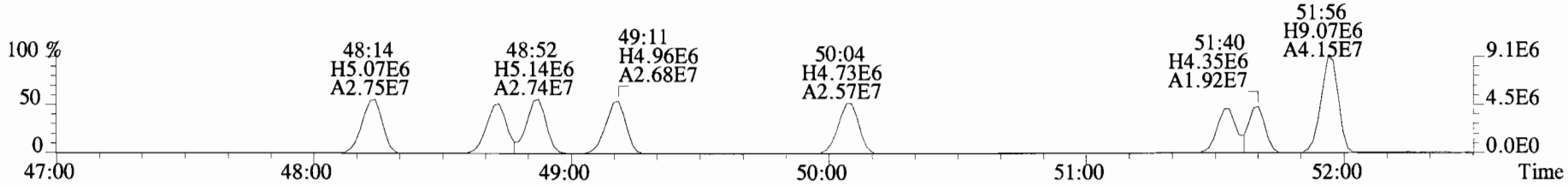
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39792.0,0.00%,F,F)



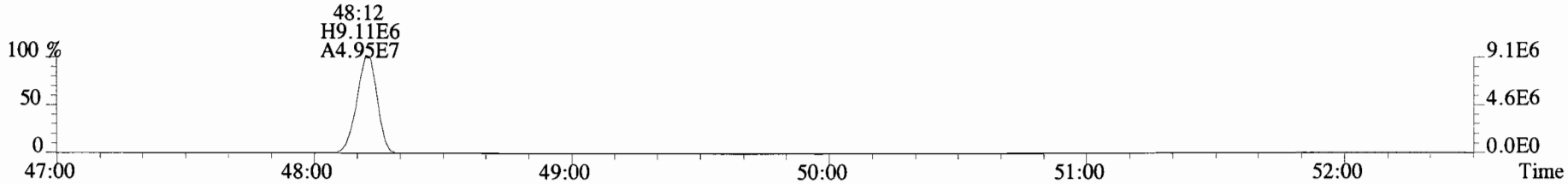
File:180208E1 #1-574 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1764.0,0.00%,F,F)



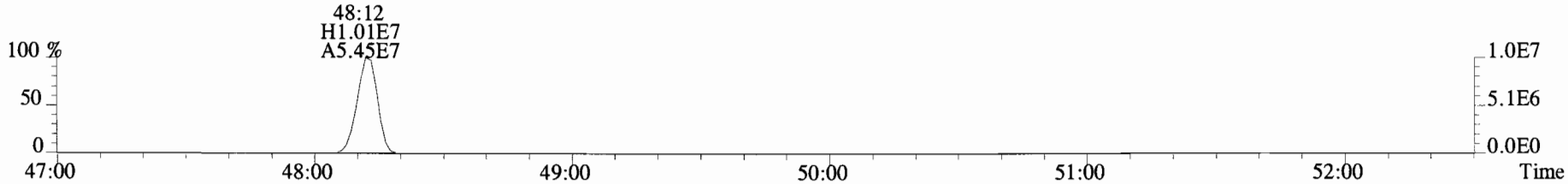
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1516.0,0.00%,F,F)



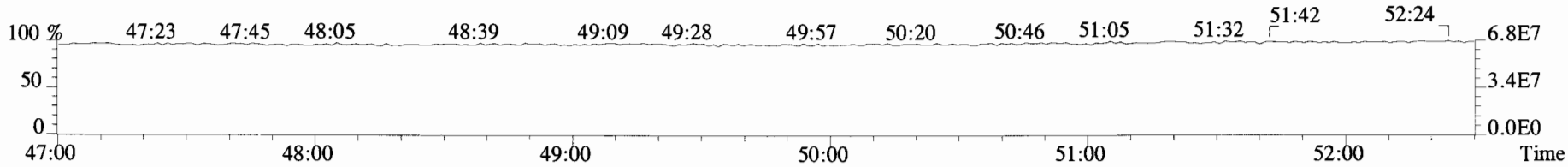
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



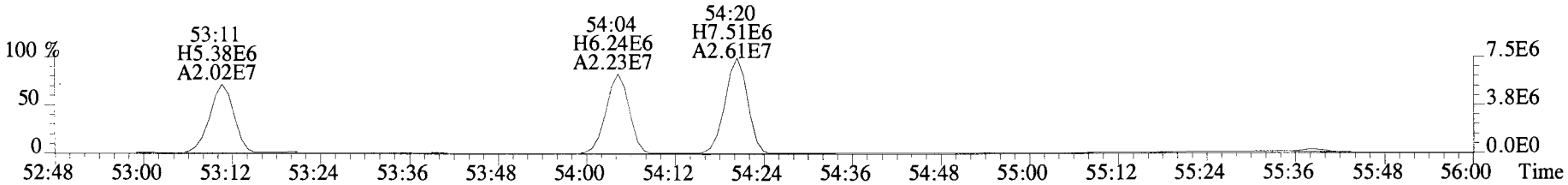
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



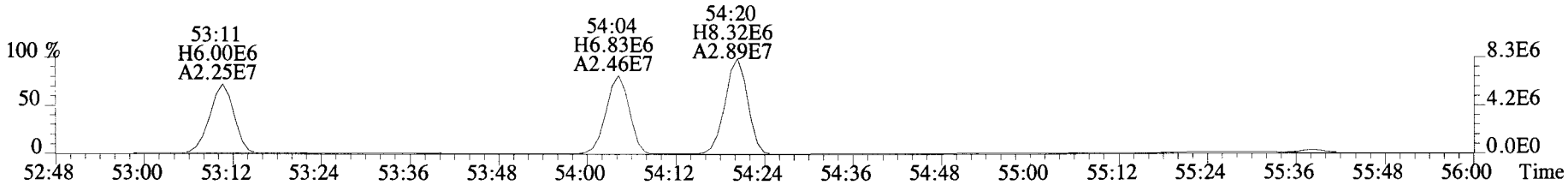
380.9760 S:4 F:4



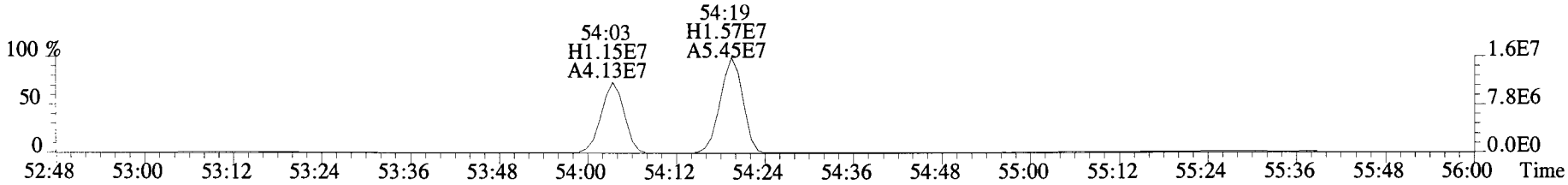
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SiR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39764.0,0.00%,F,F)



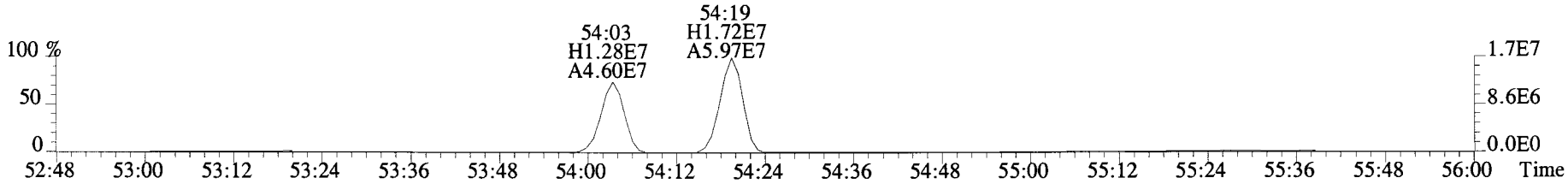
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33268.0,0.00%,F,F)



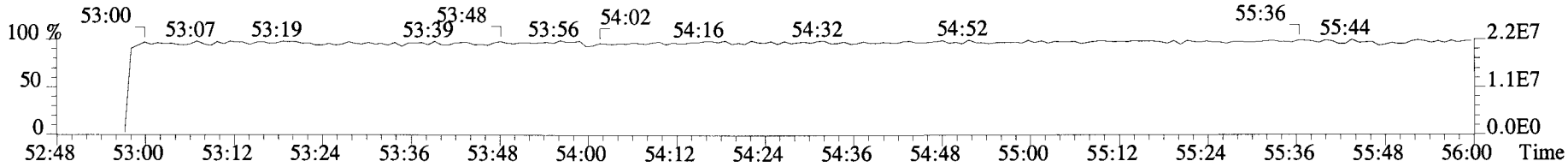
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8472.0,0.00%,F,F)



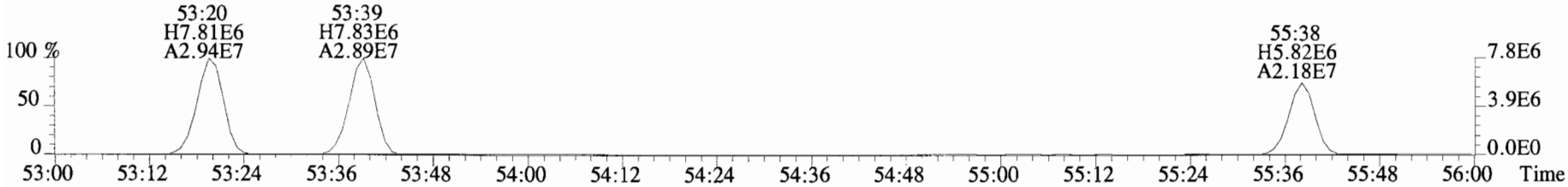
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9876.0,0.00%,F,F)



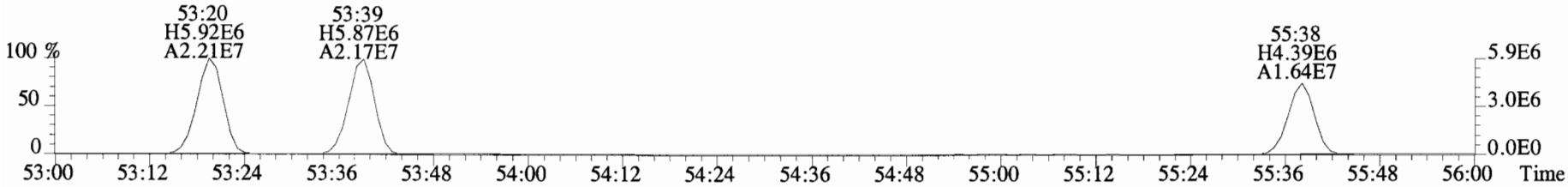
492.9697 S:4 F:5



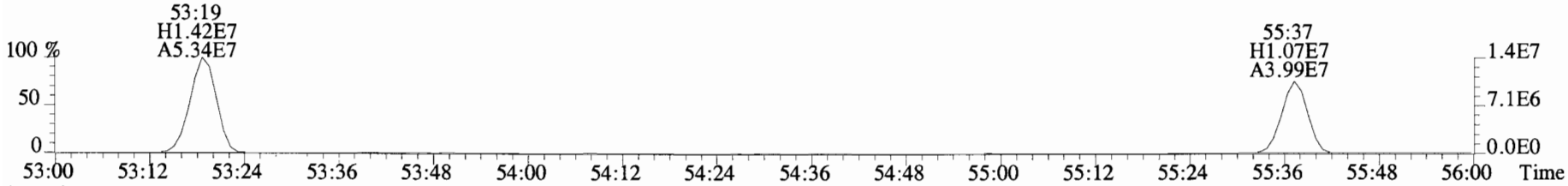
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28604.0,0.00%,F,F)



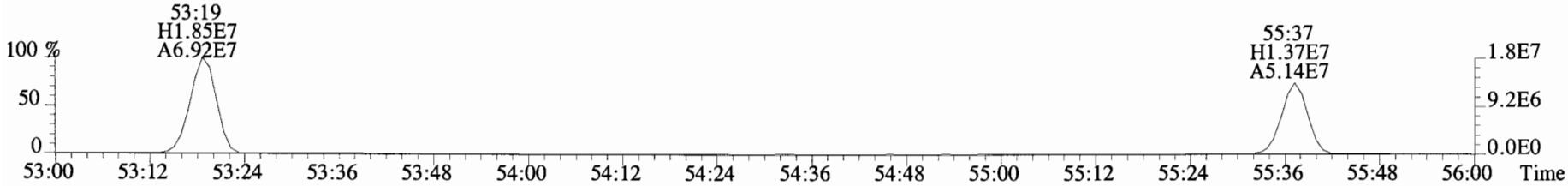
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21100.0,0.00%,F,F)



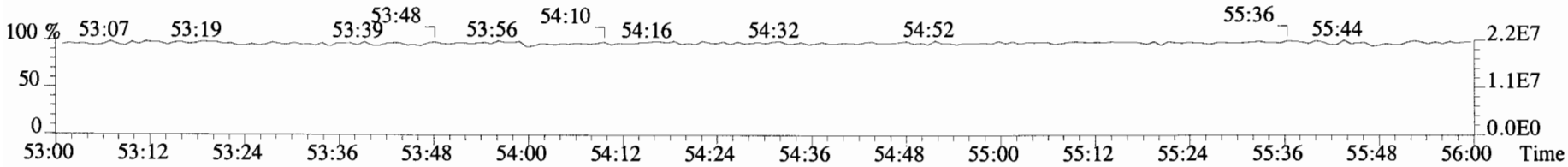
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41640.0,0.00%,F,F)



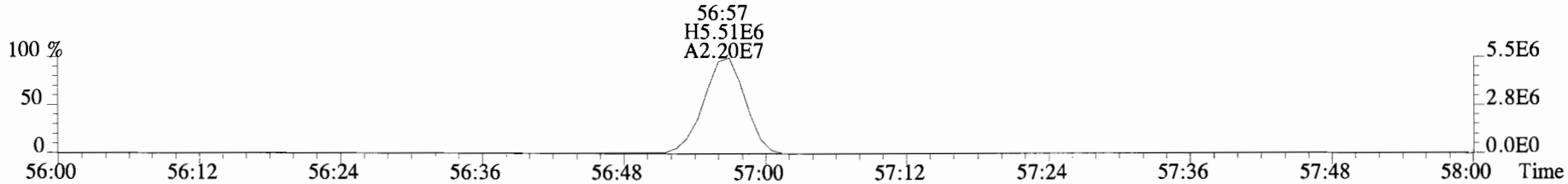
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50524.0,0.00%,F,F)



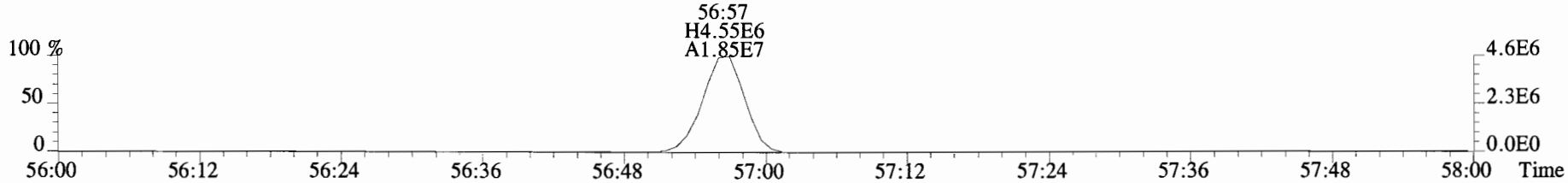
492.9697 S:4 F:5



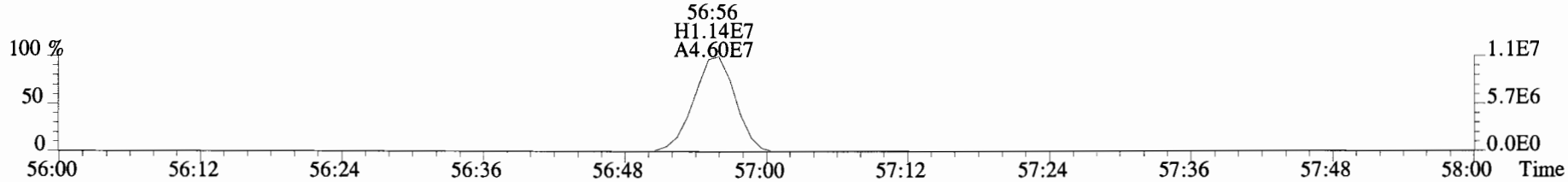
File:180208E1 #1-407 Acq: 8-FEB-2018 11:50:02 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-4 PCB CS3 17L3006 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



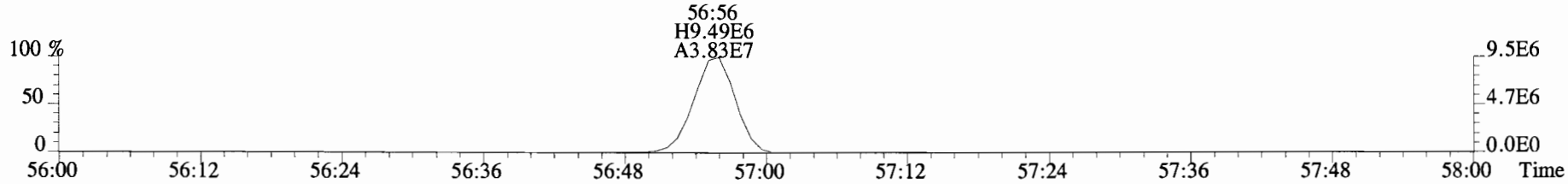
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1396.0,0.00%,F,F)



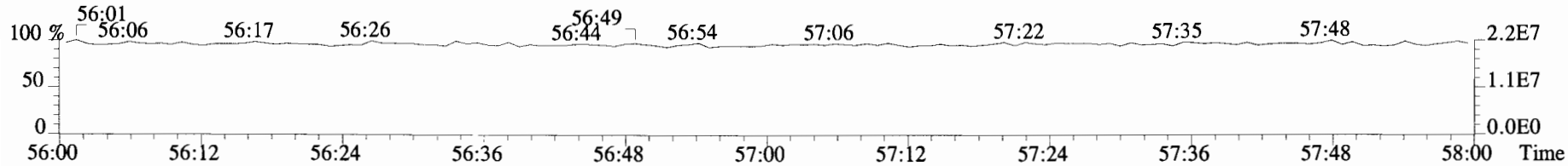
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1512.0,0.00%,F,F)



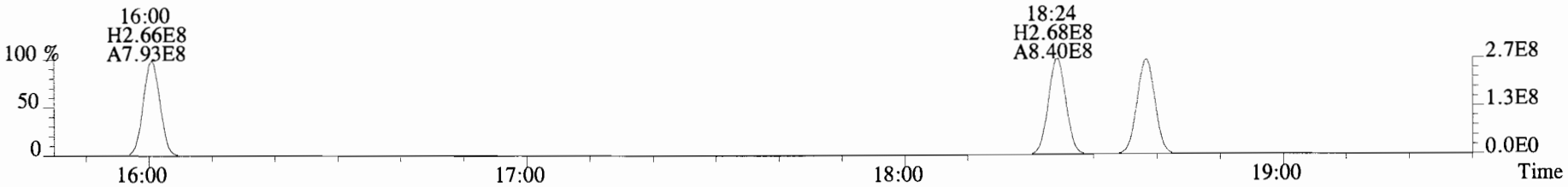
511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1476.0,0.00%,F,F)



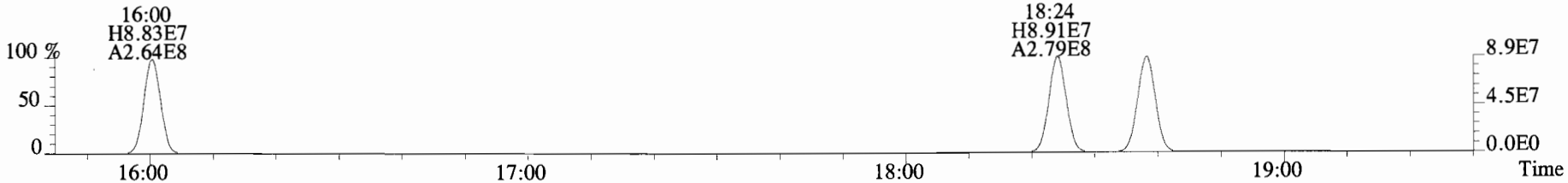
492.9697 S:4 F:5



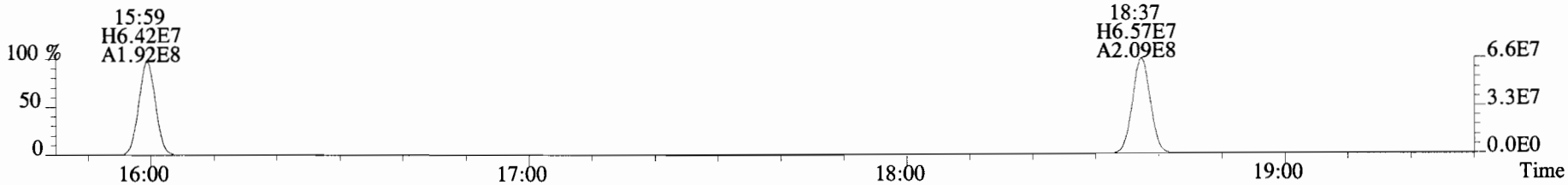
File:180208E1 #1-867 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11396.0,0.00%,F,F)



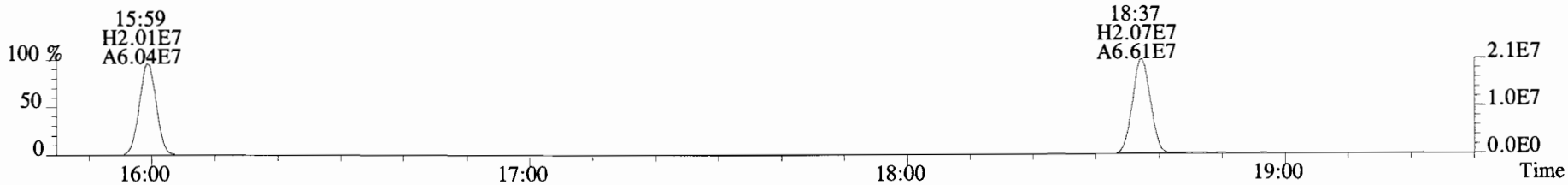
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7896.0,0.00%,F,F)



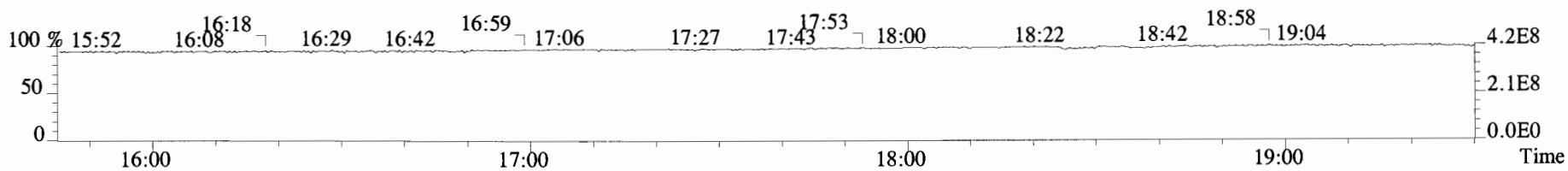
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7952.0,0.00%,F,F)



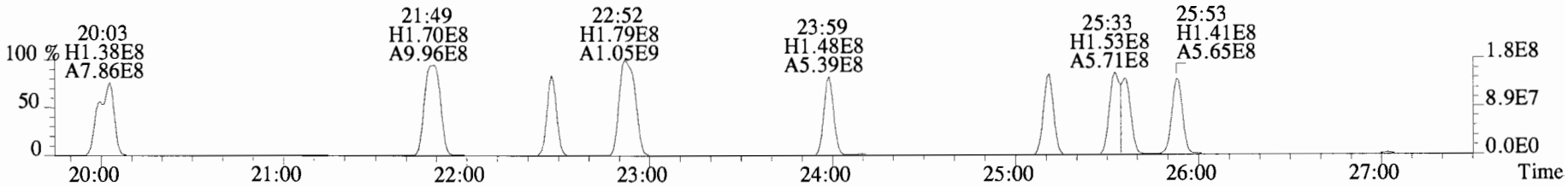
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42388.0,0.00%,F,F)



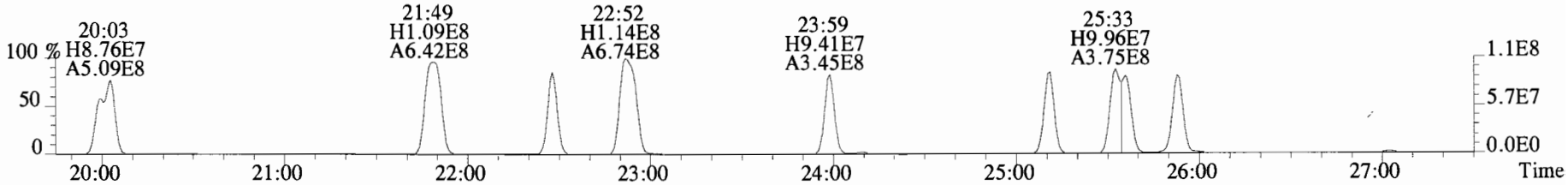
180.9880 S:5



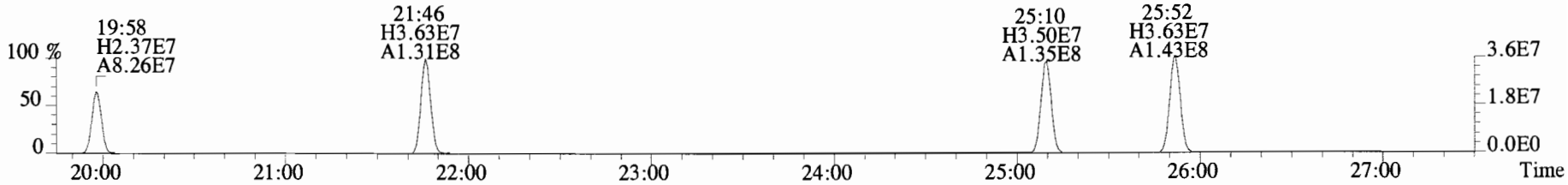
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45612.0,0.00%,F,F)



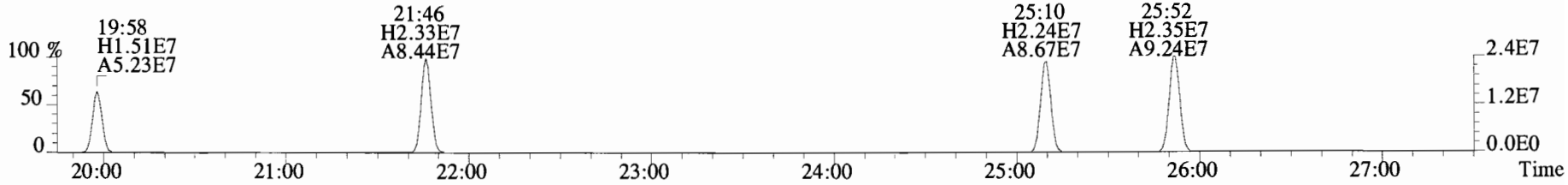
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27936.0,0.00%,F,F)



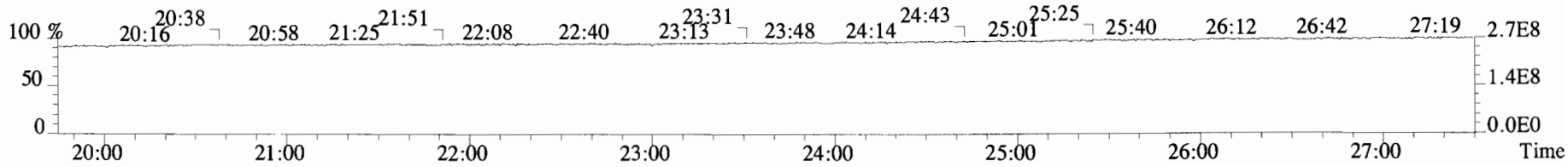
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6268.0,0.00%,F,F)



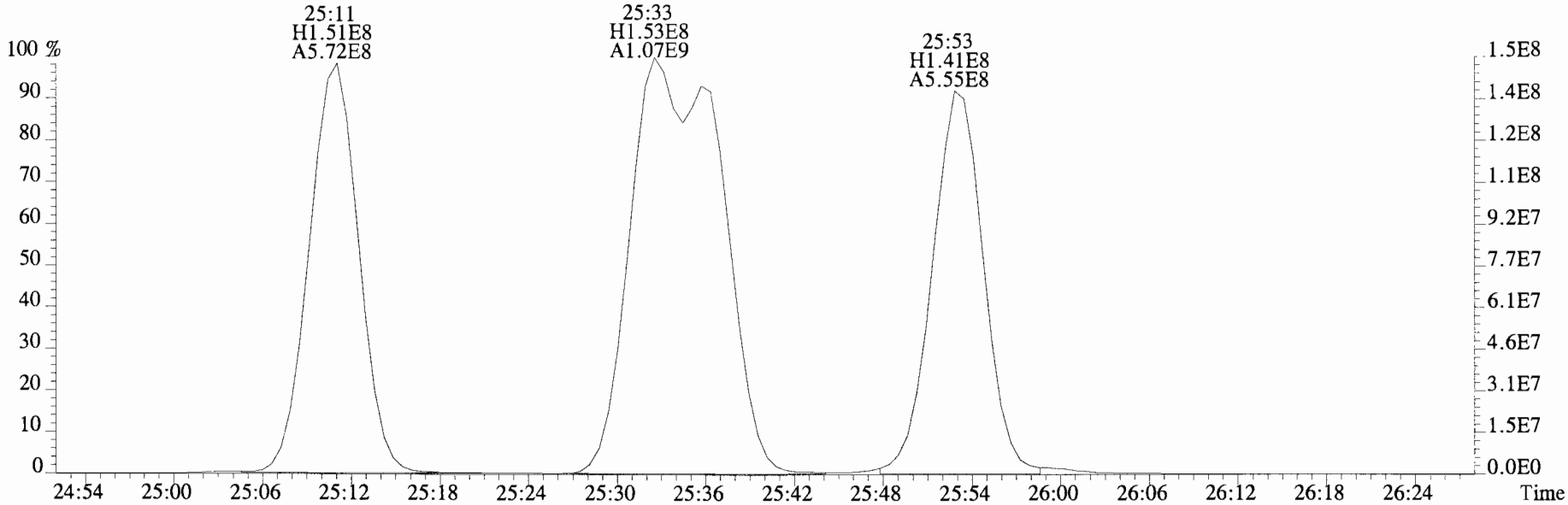
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4688.0,0.00%,F,F)



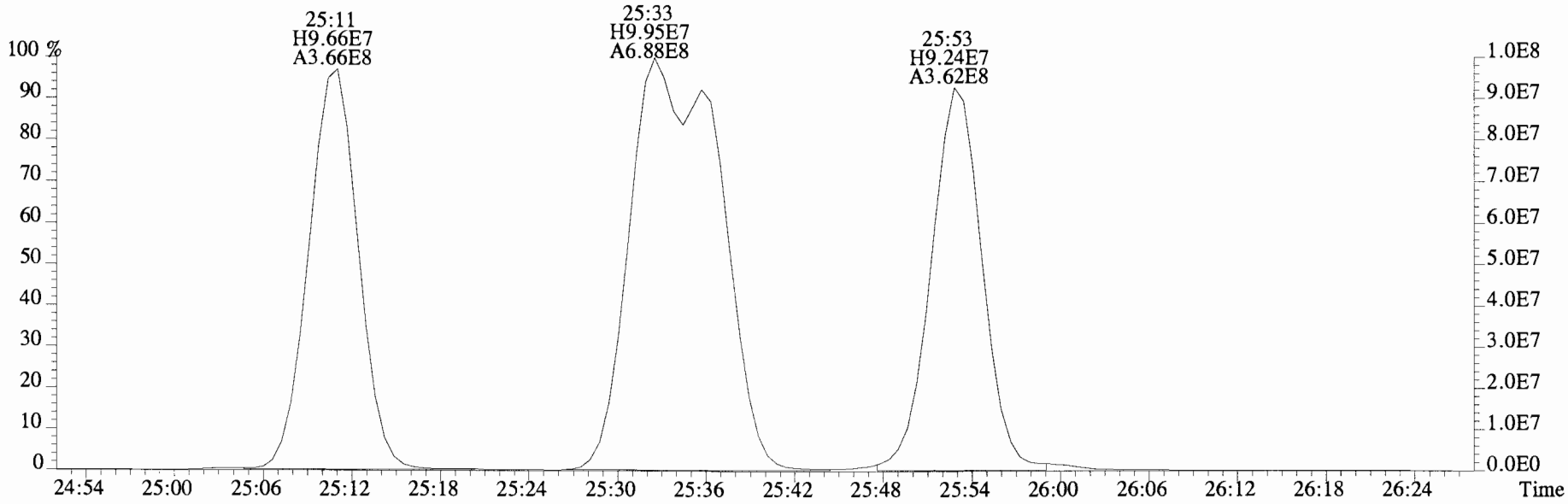
230.9856 S:5 F:2



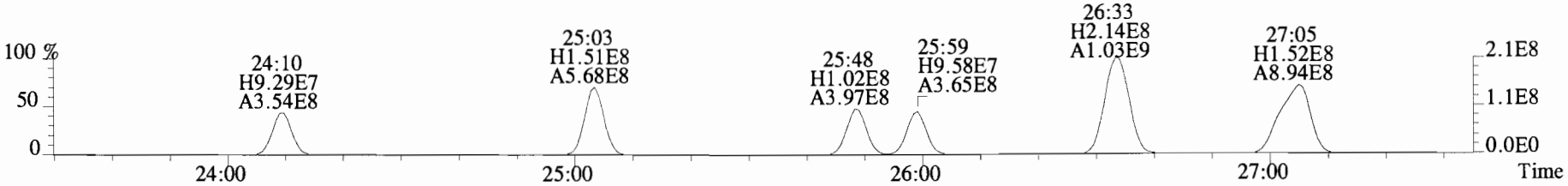
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45612.0,0.00%,F,F)



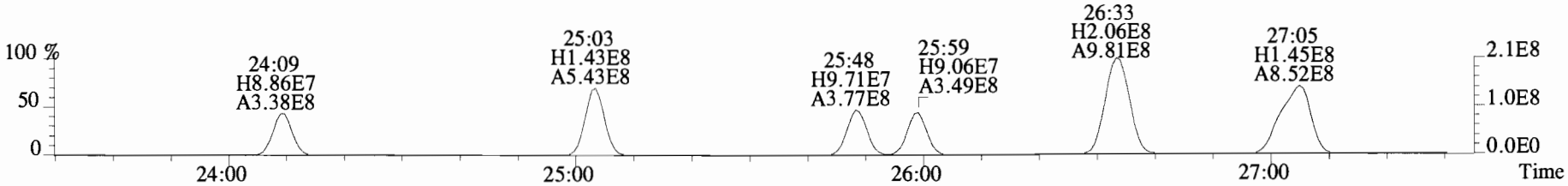
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27936.0,0.00%,F,F)



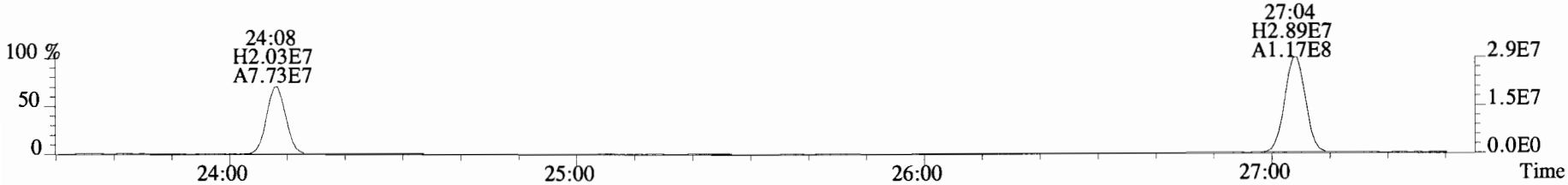
File:180208E1 #1-757 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



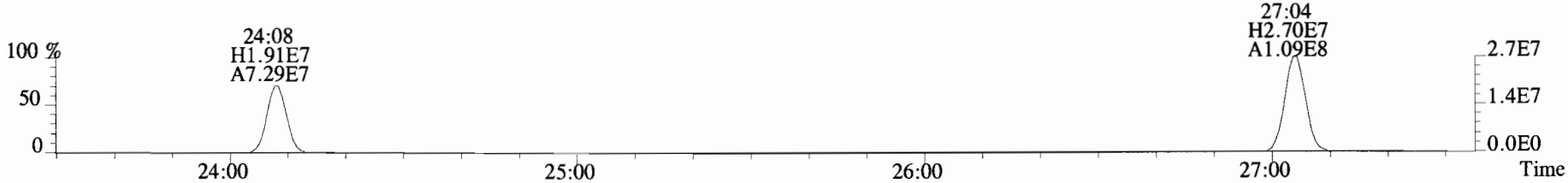
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



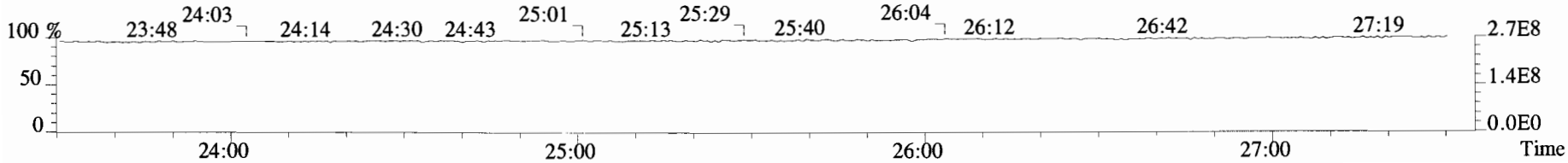
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113860.0,0.00%,F,F)



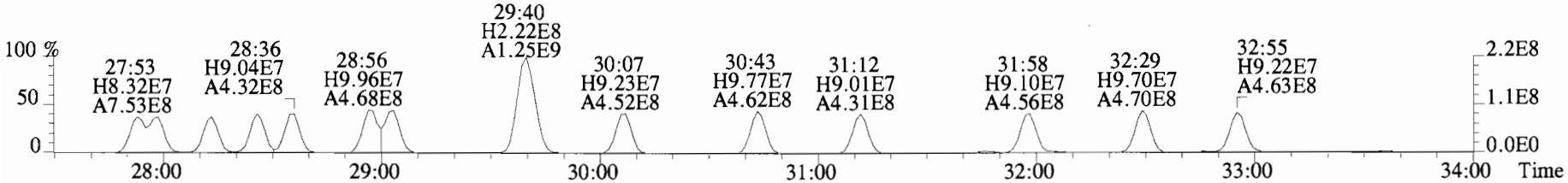
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43432.0,0.00%,F,F)



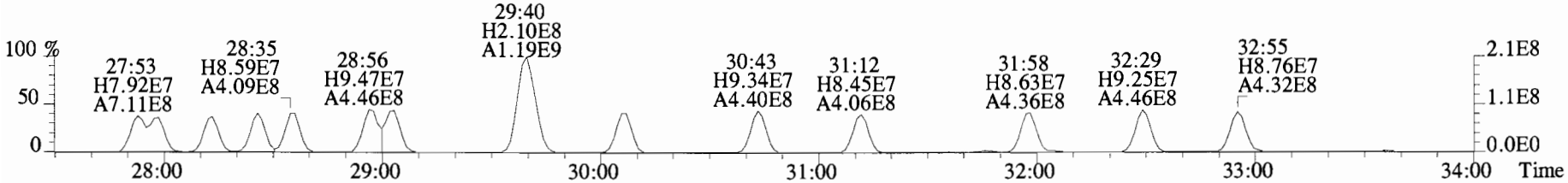
230.9856 S:5 F:2



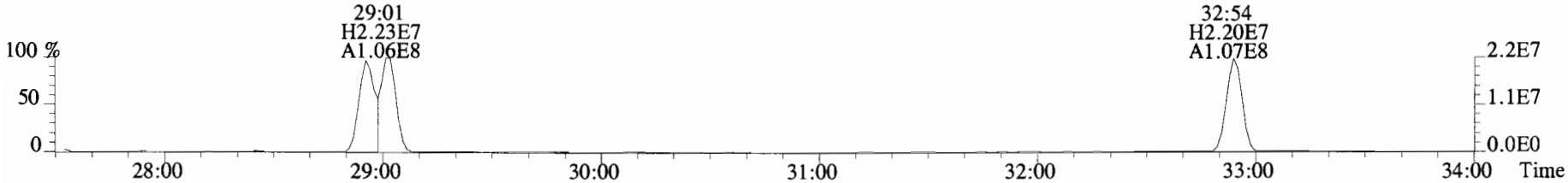
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



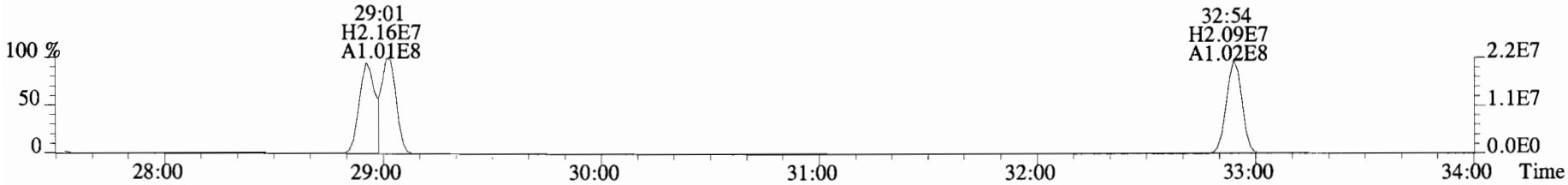
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



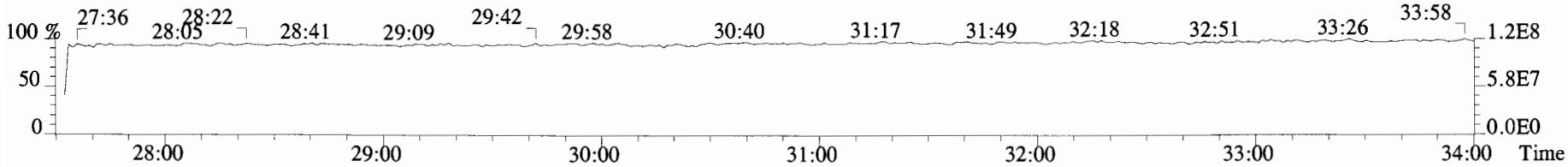
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74576.0,0.00%,F,F)



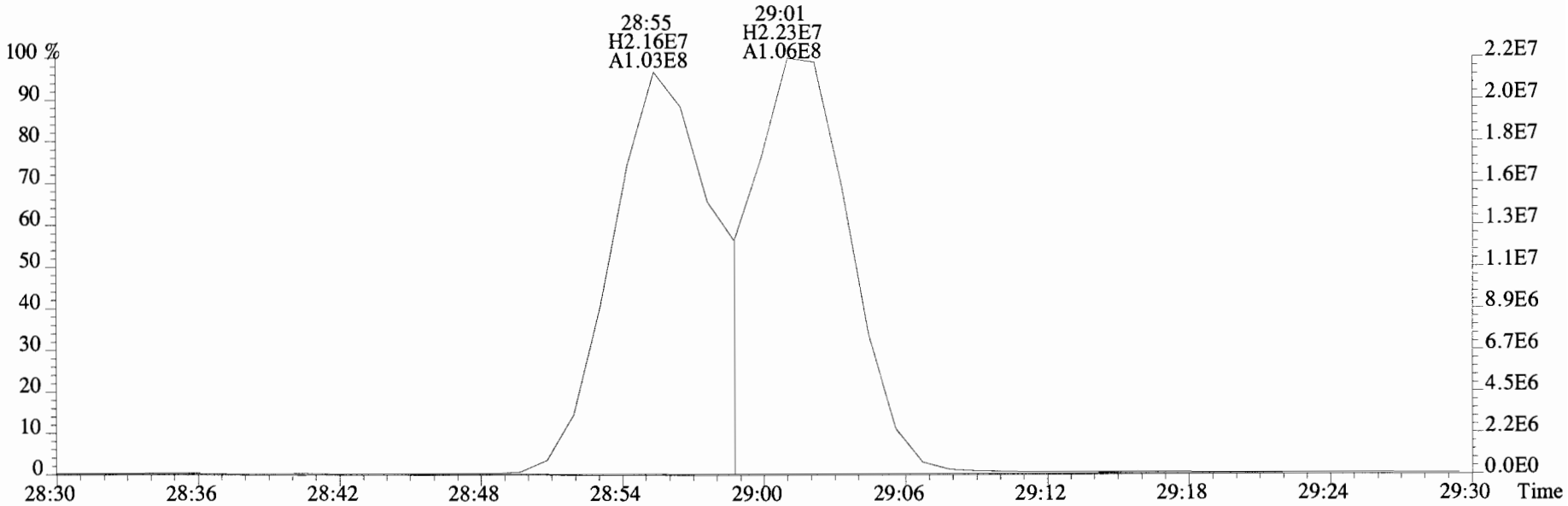
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28852.0,0.00%,F,F)



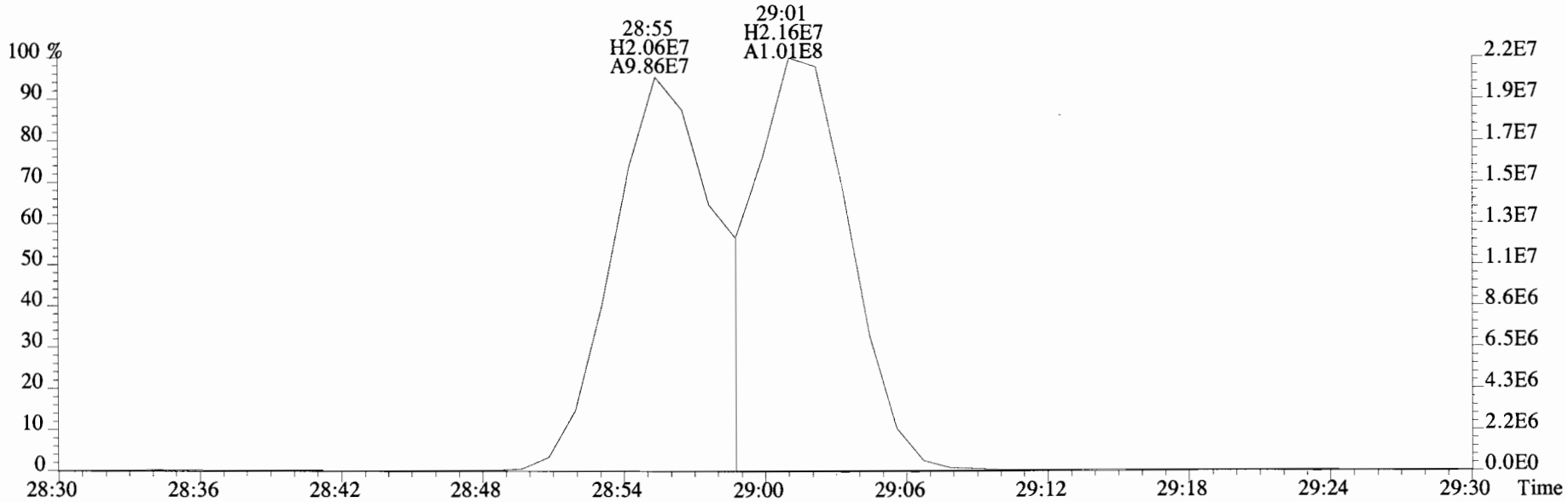
330.9792 S:5 F:3



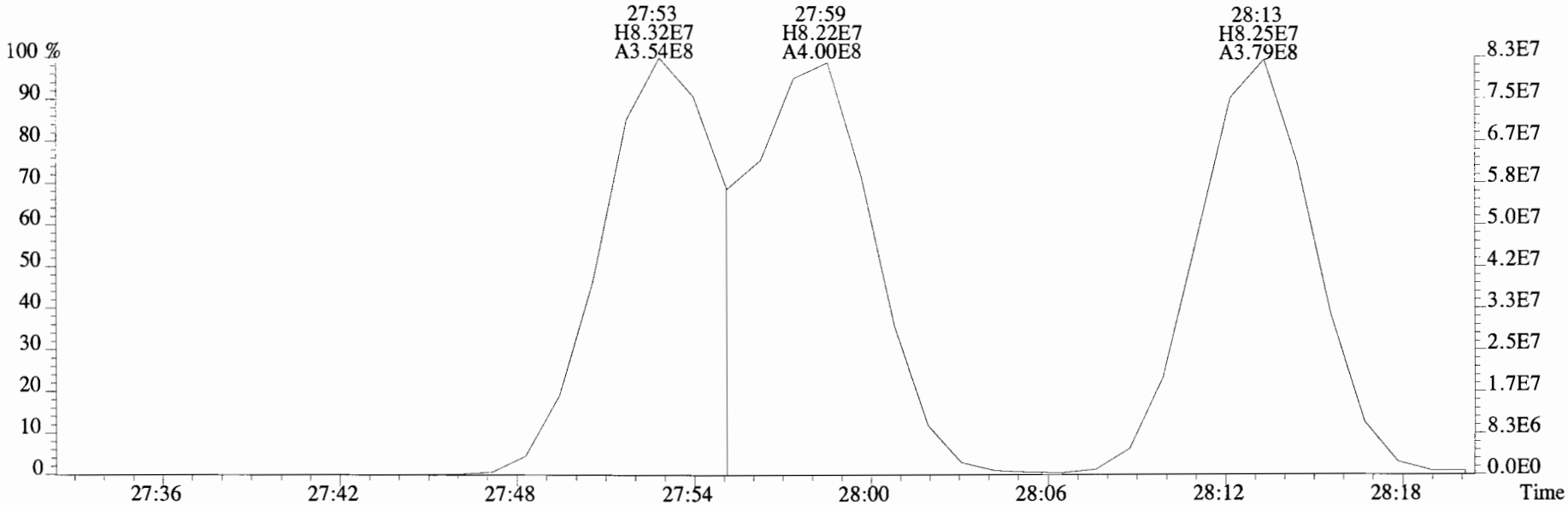
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74576.0,0.00%,F,F)



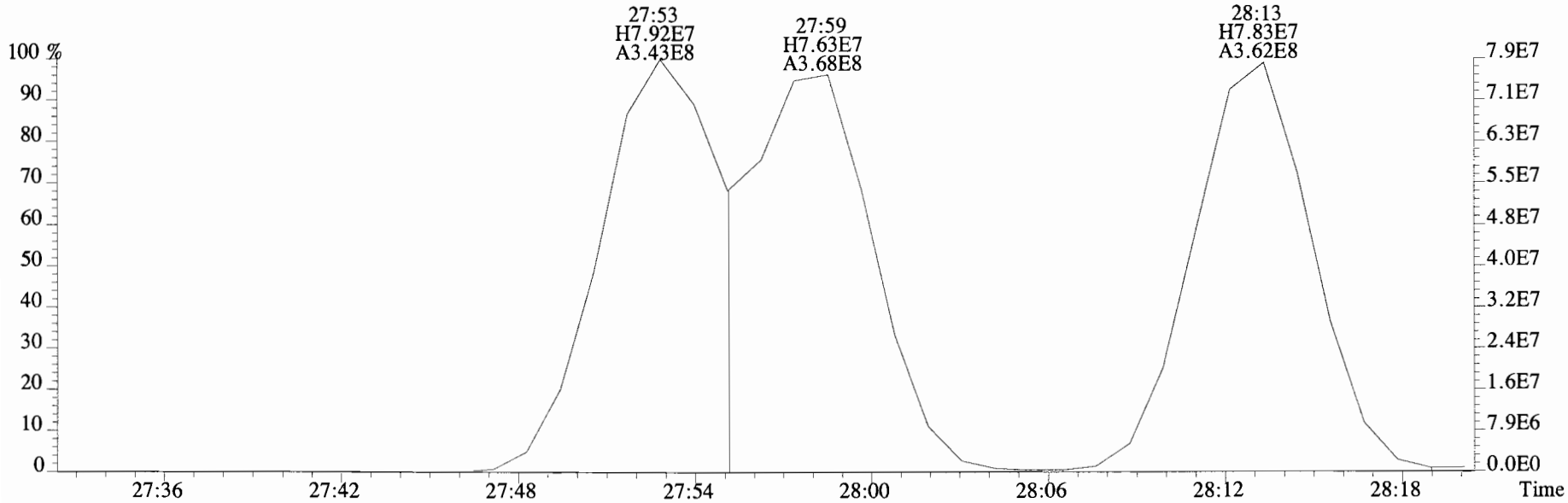
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28852.0,0.00%,F,F)



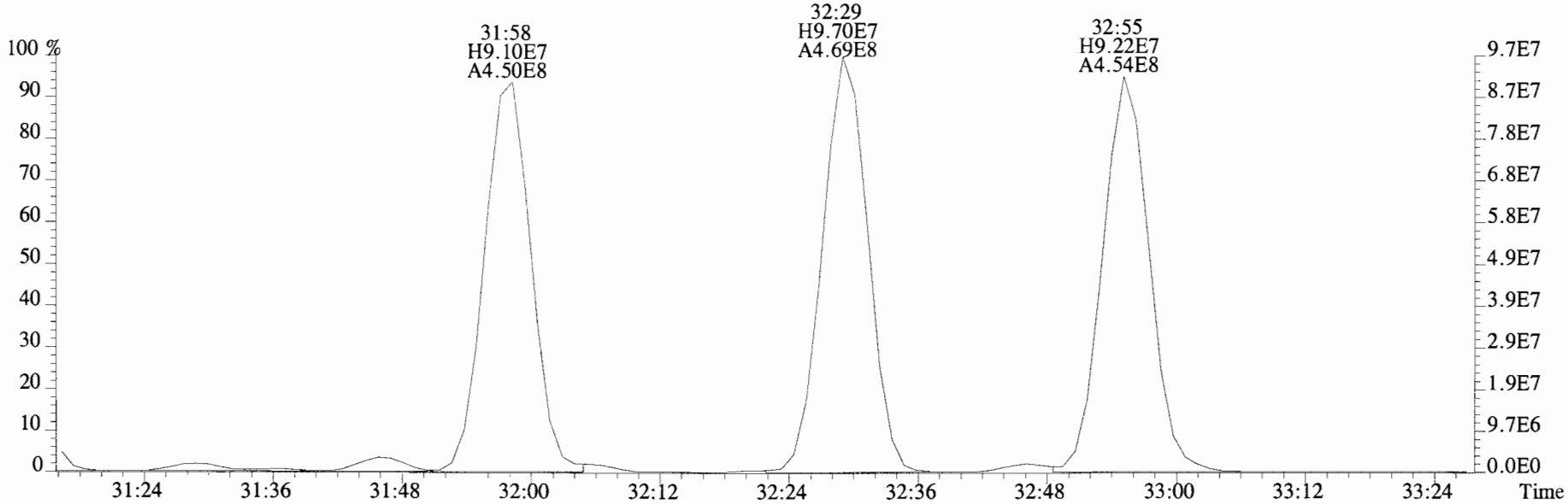
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



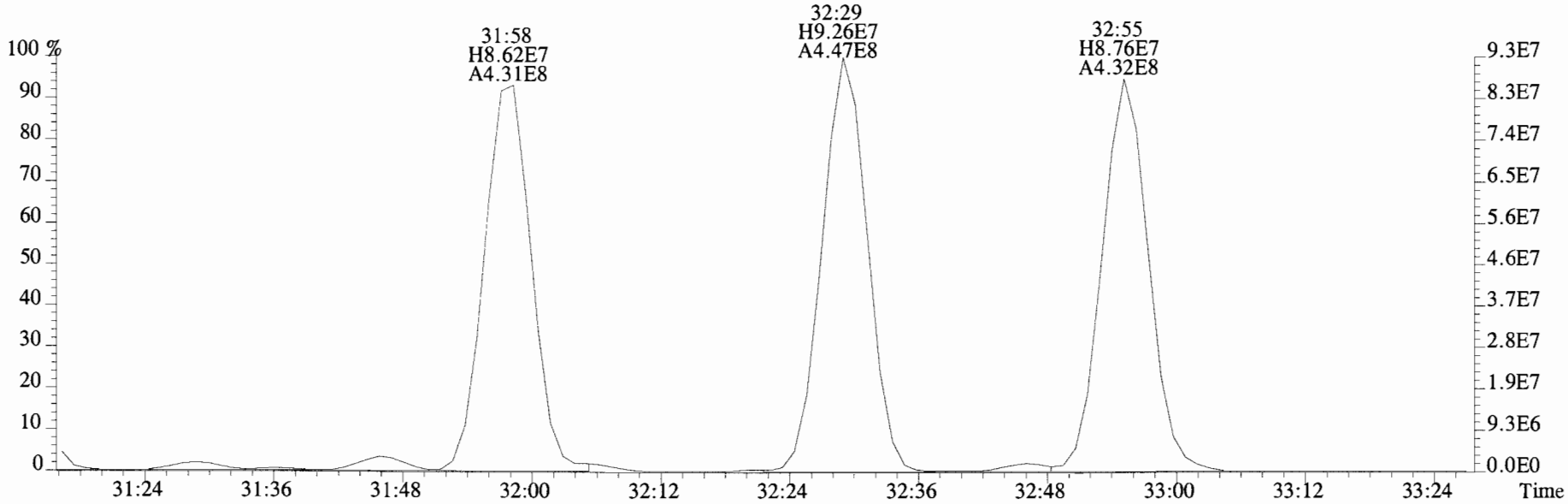
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



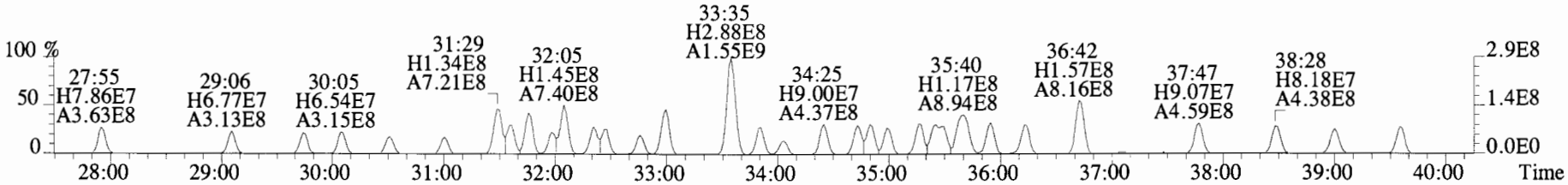
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,133028.0,0.00%,F,F)



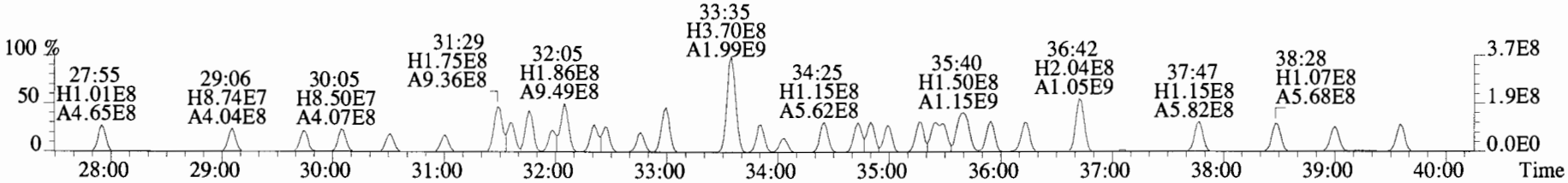
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,103180.0,0.00%,F,F)



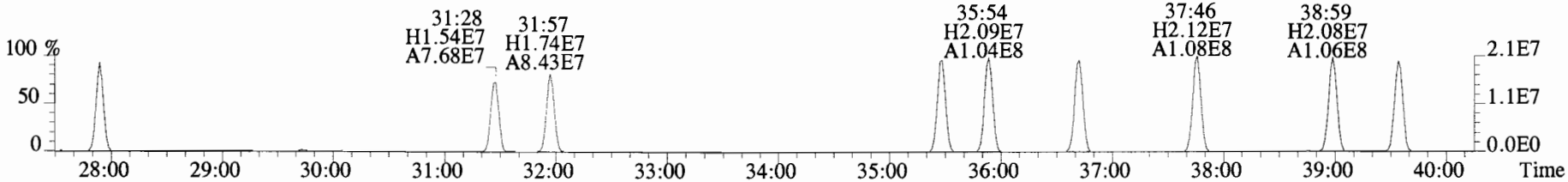
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



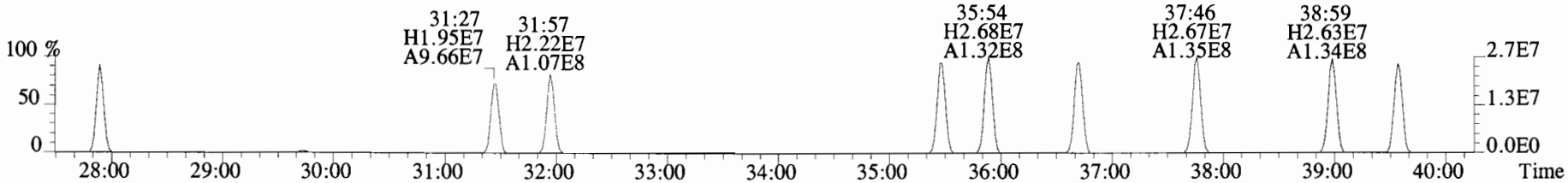
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



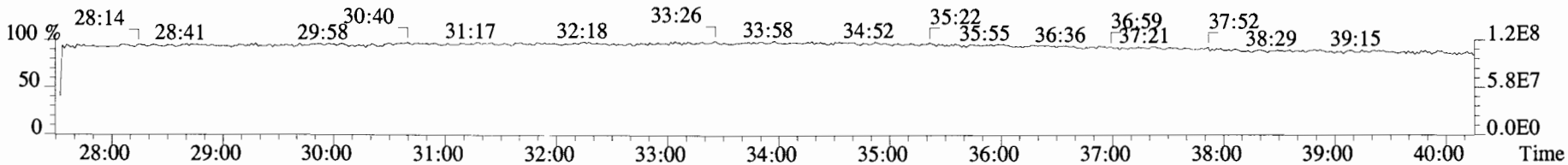
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



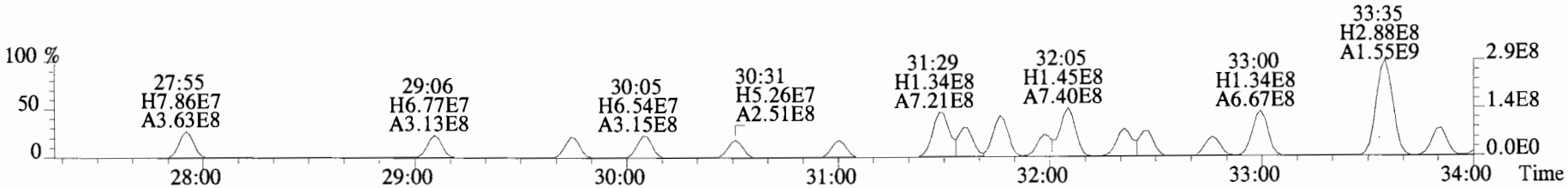
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



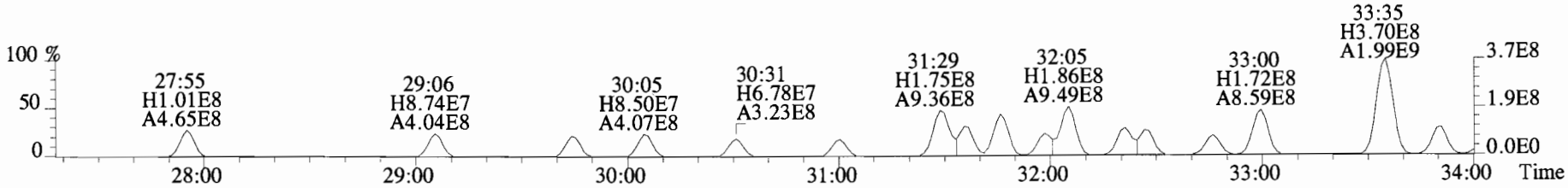
330.9792 S:5 F:3



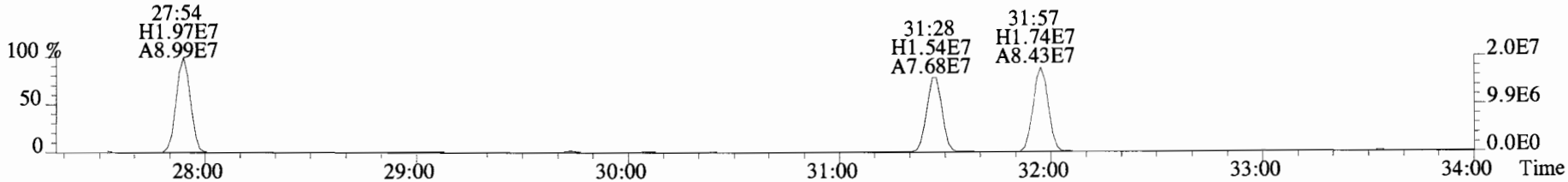
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



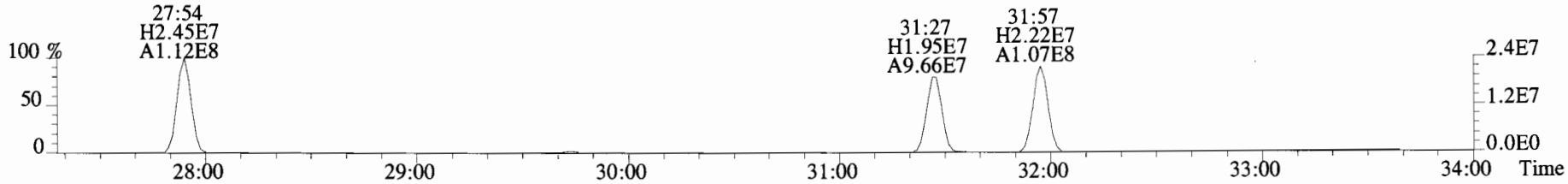
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



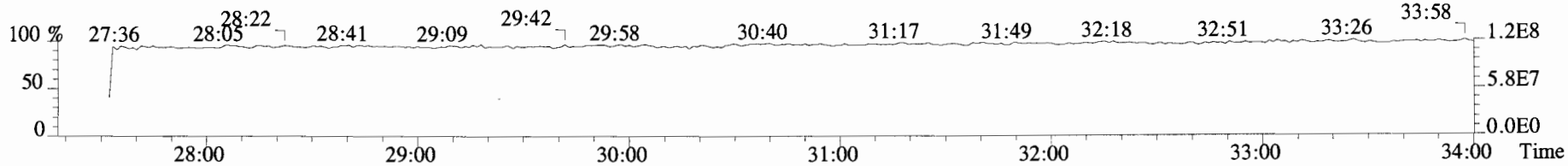
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



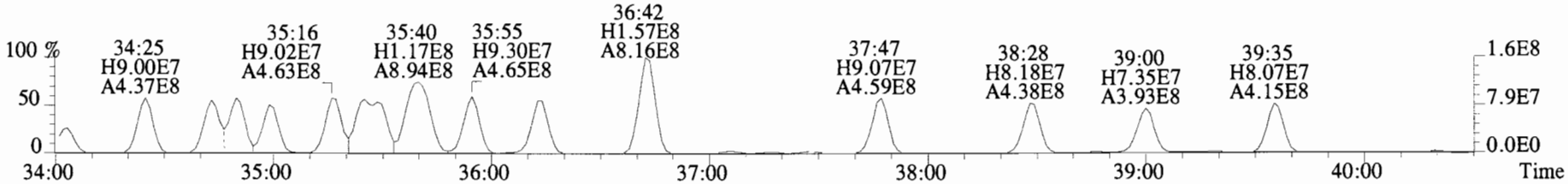
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



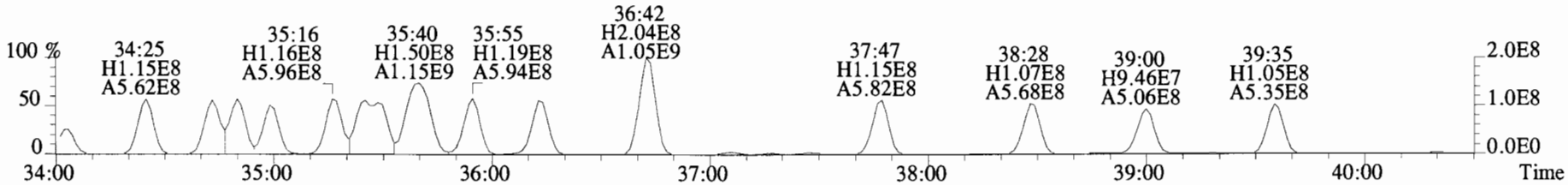
330.9792 S:5 F:3



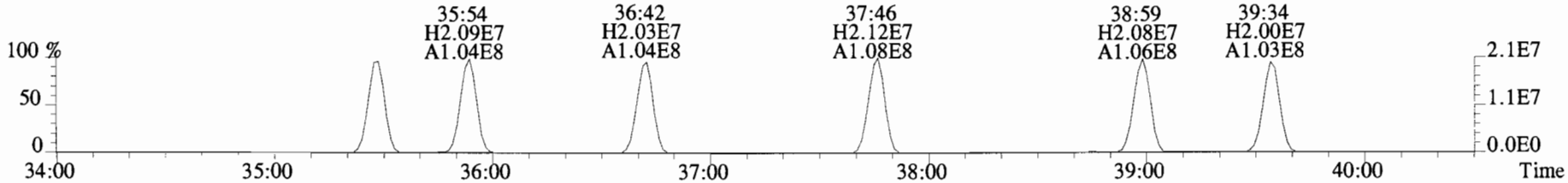
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



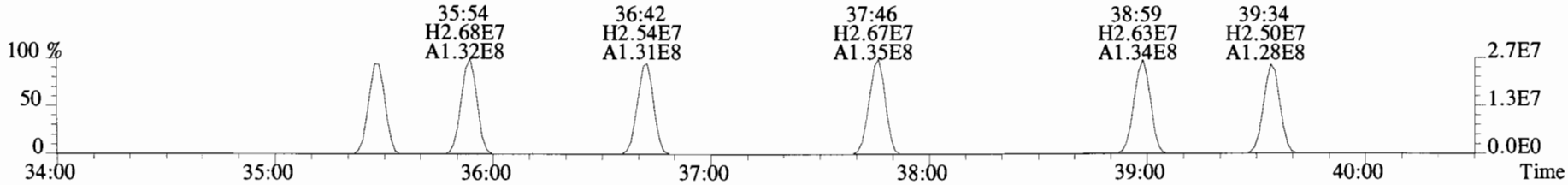
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



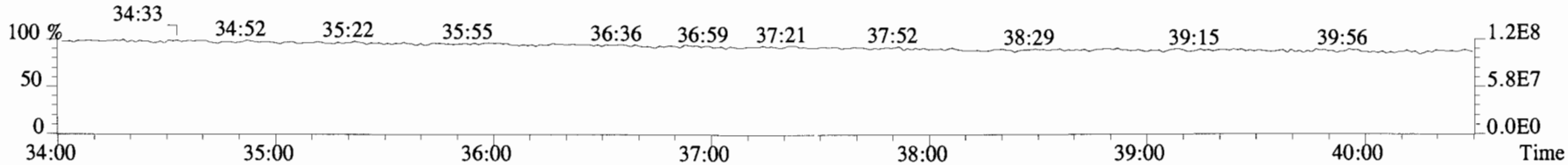
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



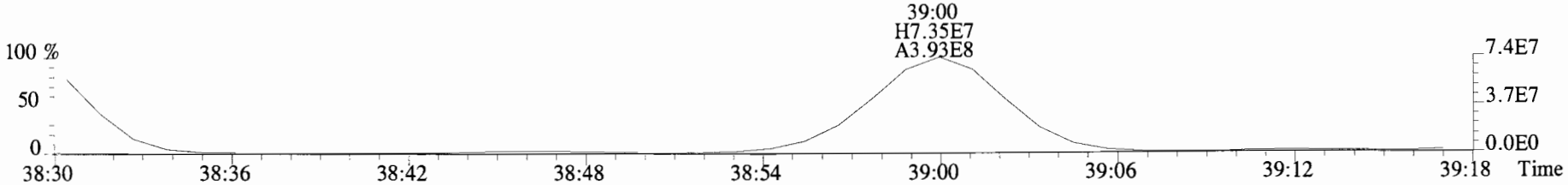
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



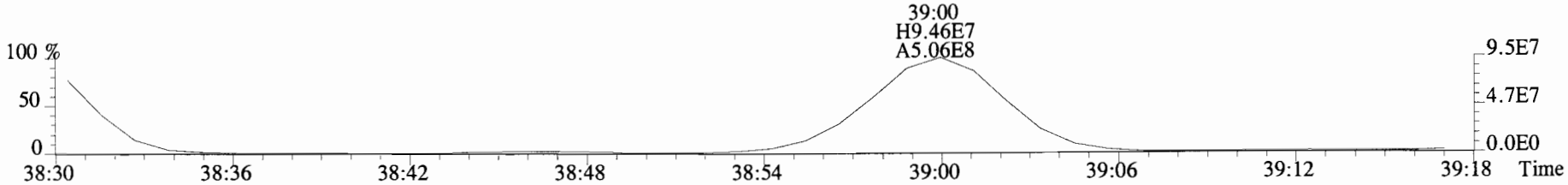
330.9792 S:5 F:3



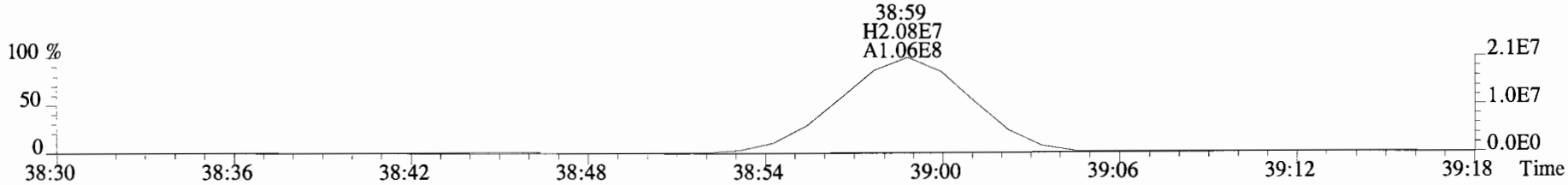
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,195004.0,0.00%,F,F)



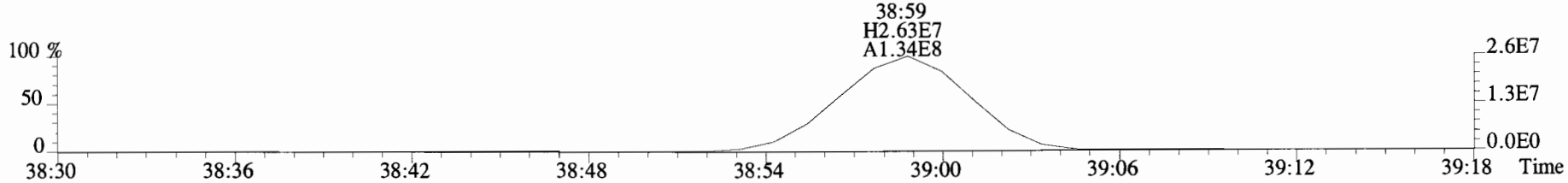
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,242576.0,0.00%,F,F)



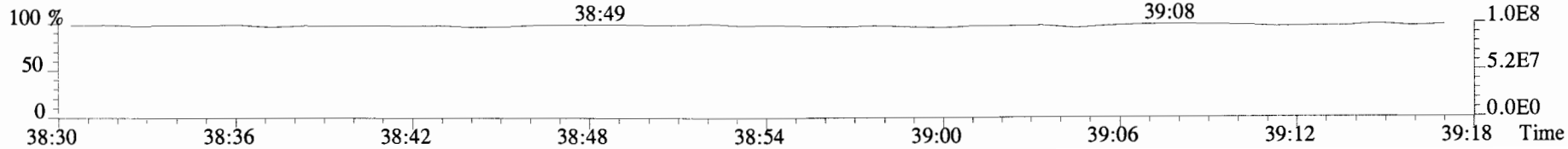
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



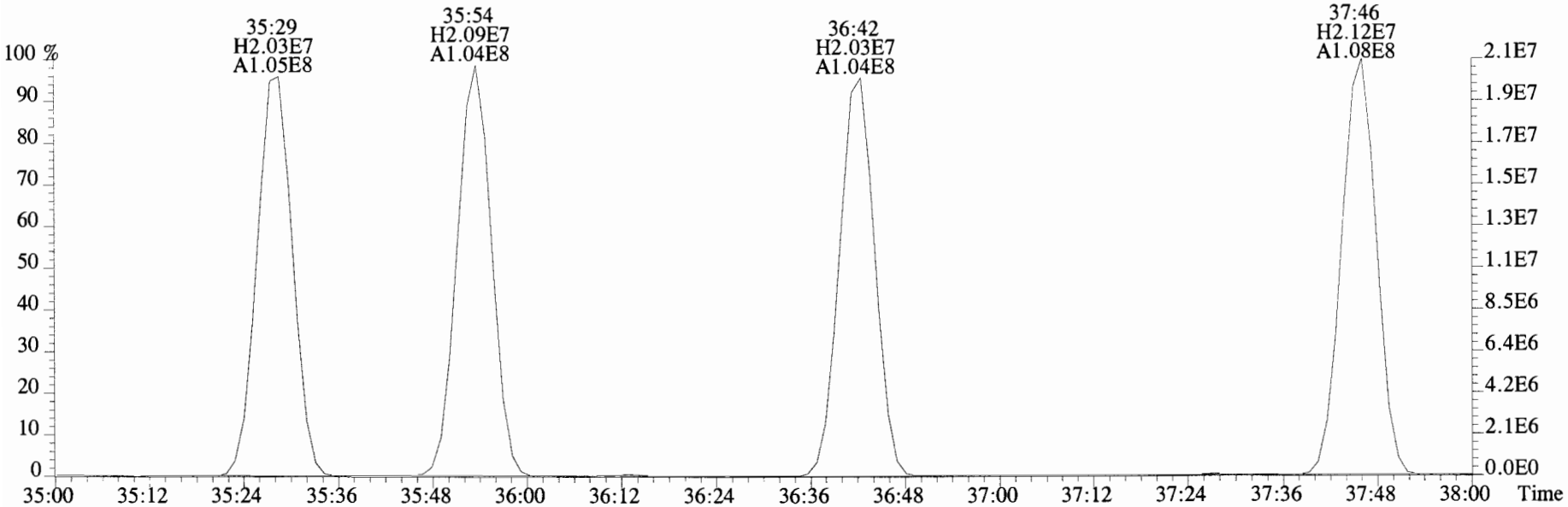
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



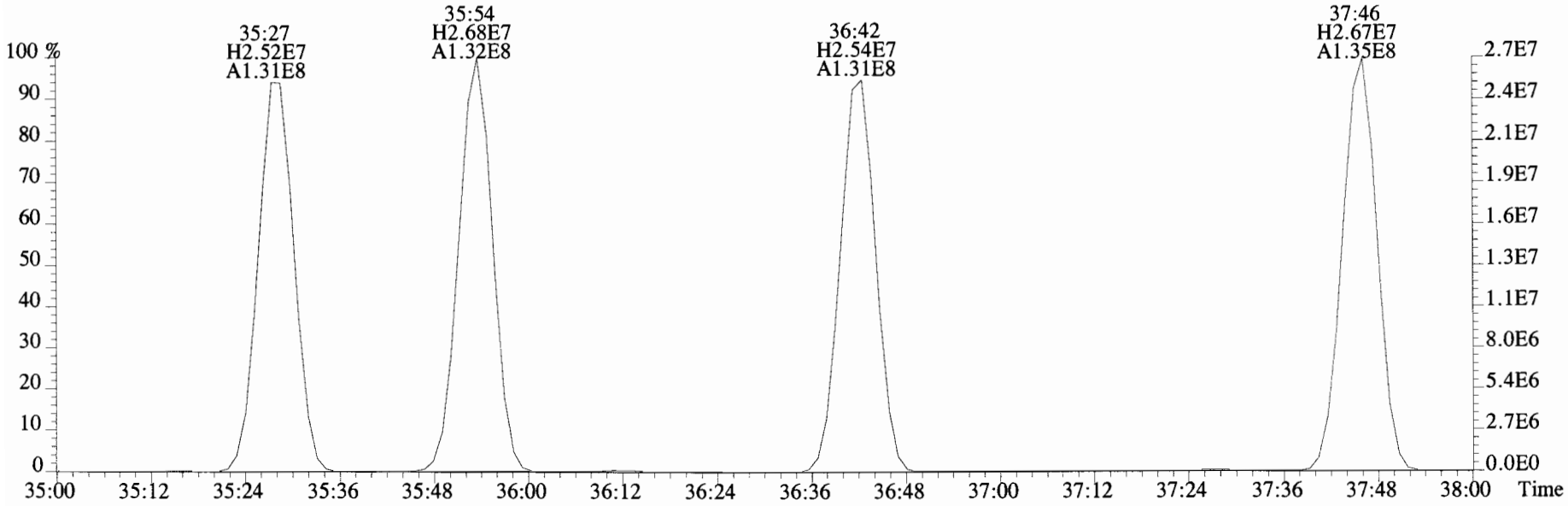
330.9792 S:5 F:3



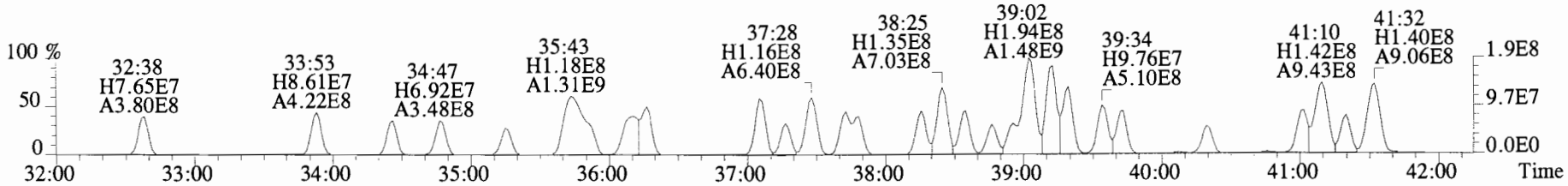
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41456.0,0.00%,F,F)



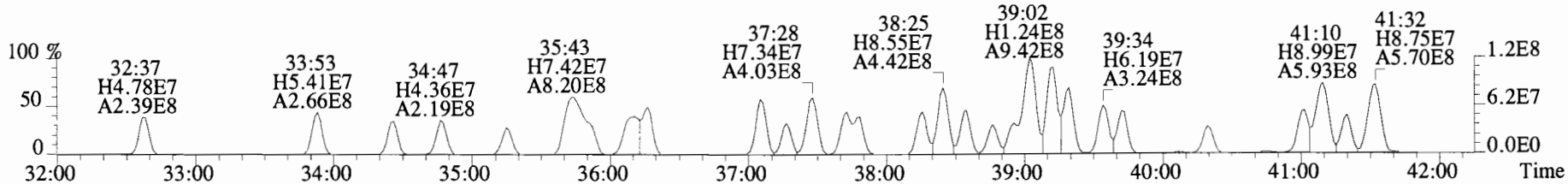
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19976.0,0.00%,F,F)



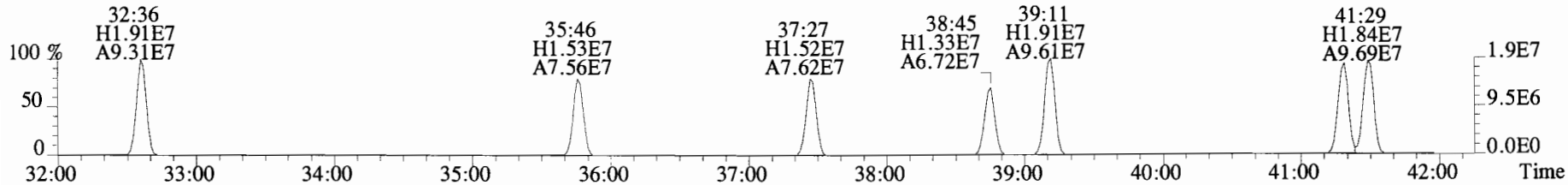
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



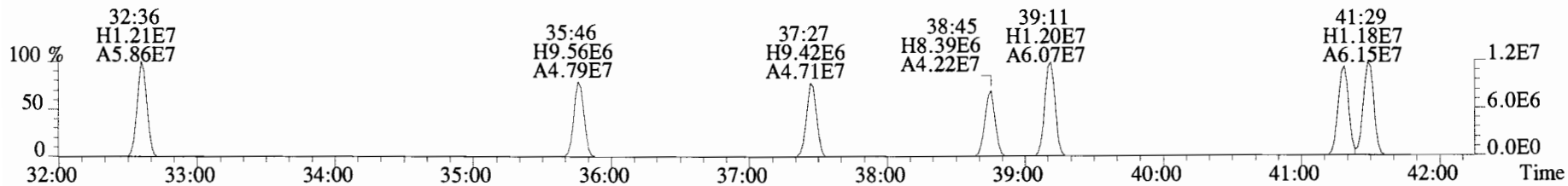
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



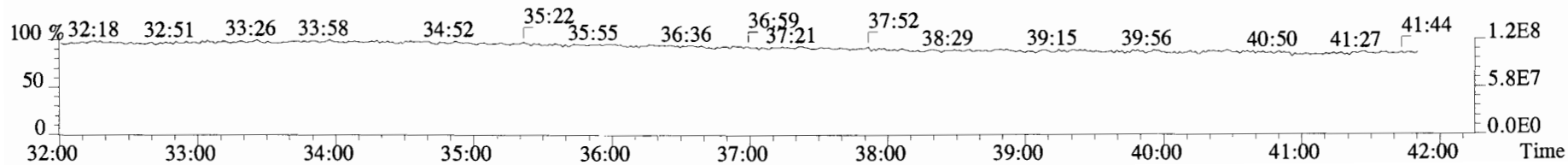
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)

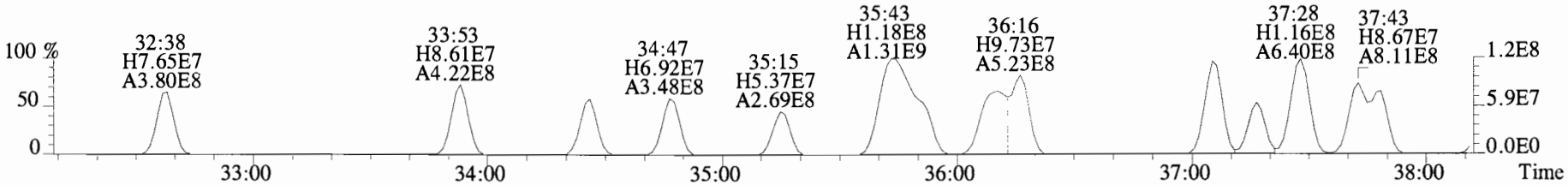


330.9792 S:5 F:3

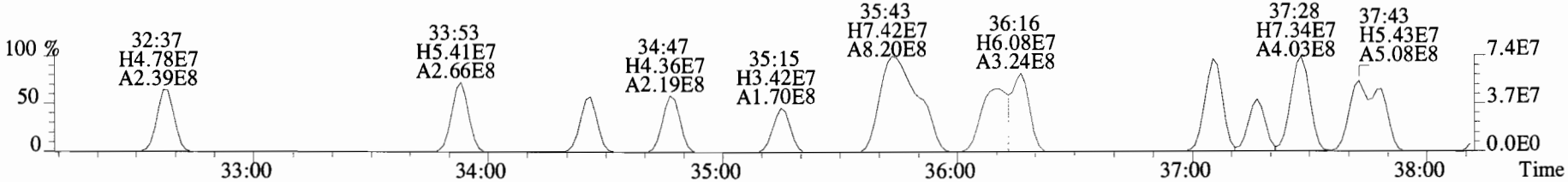


File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1

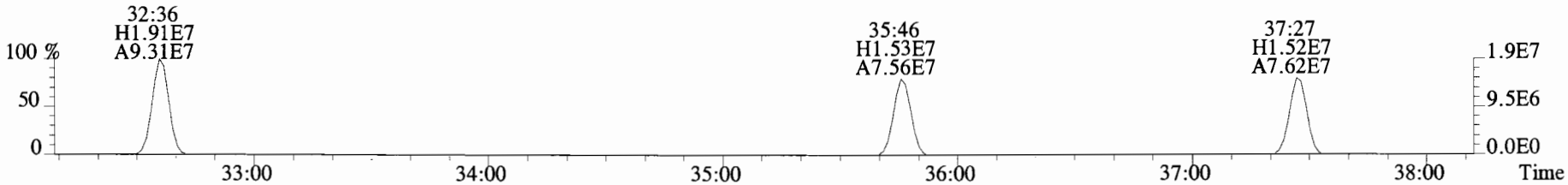
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



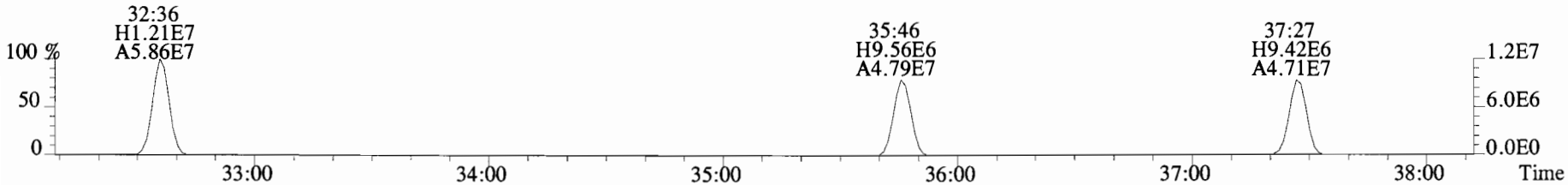
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



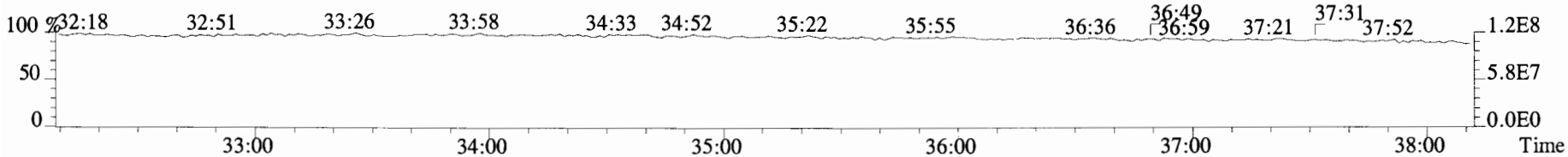
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



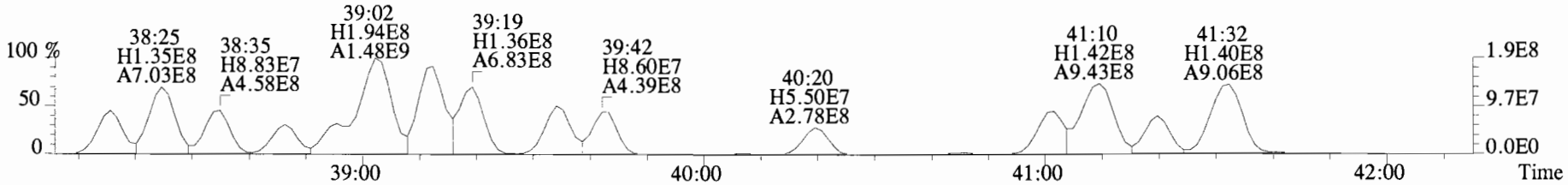
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



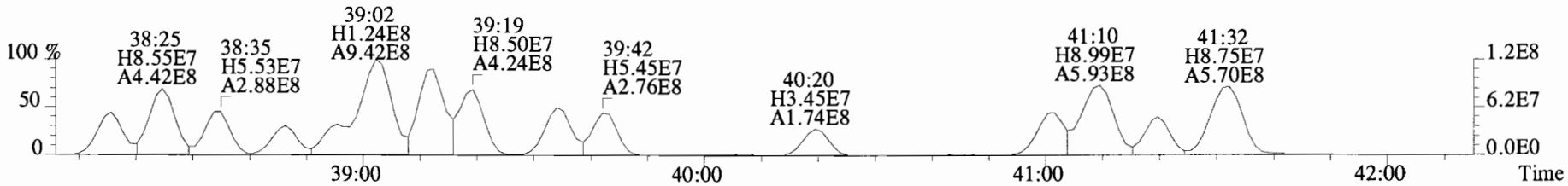
330.9792 S:5 F:3



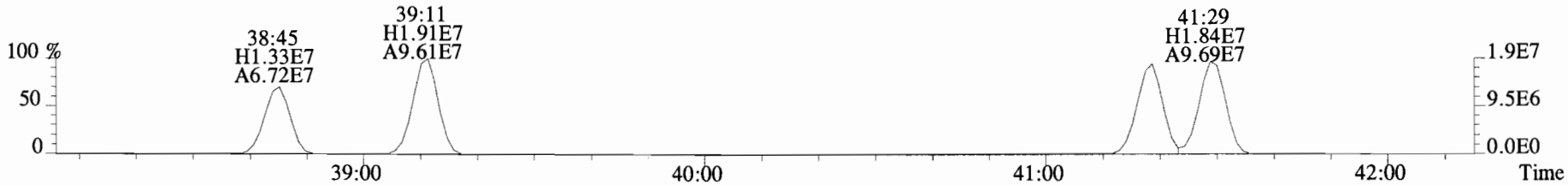
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



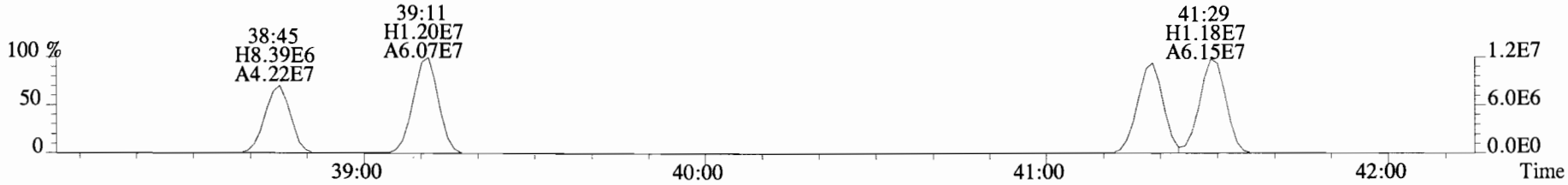
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



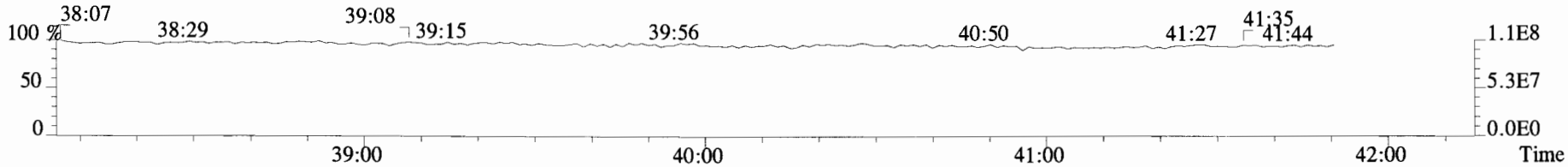
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



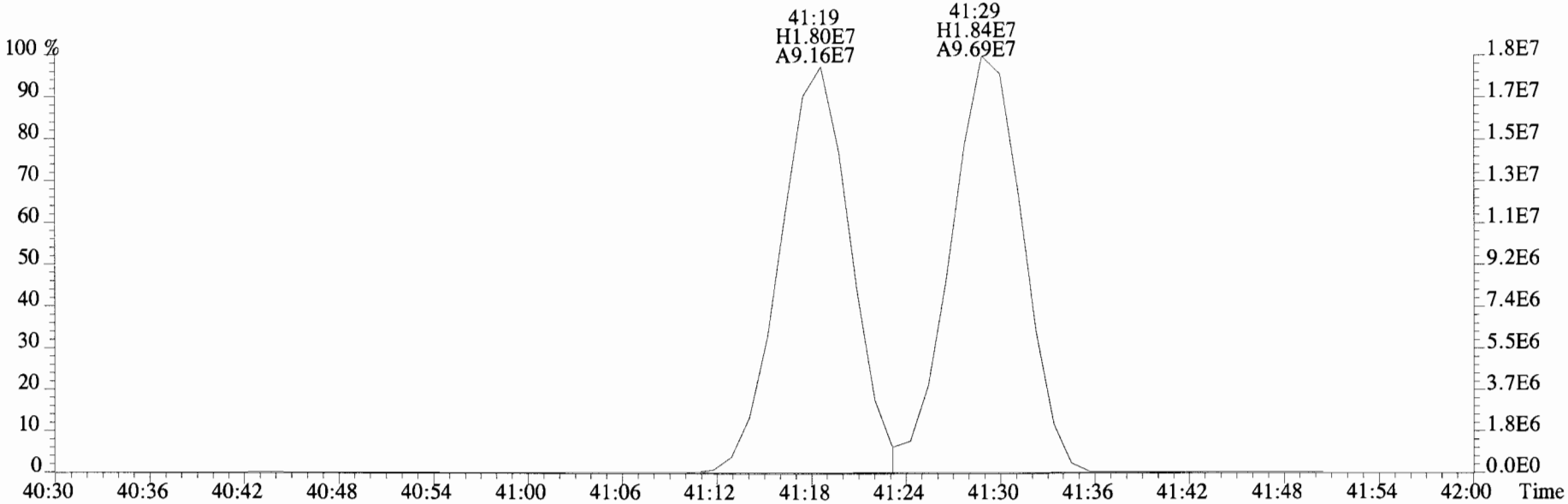
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



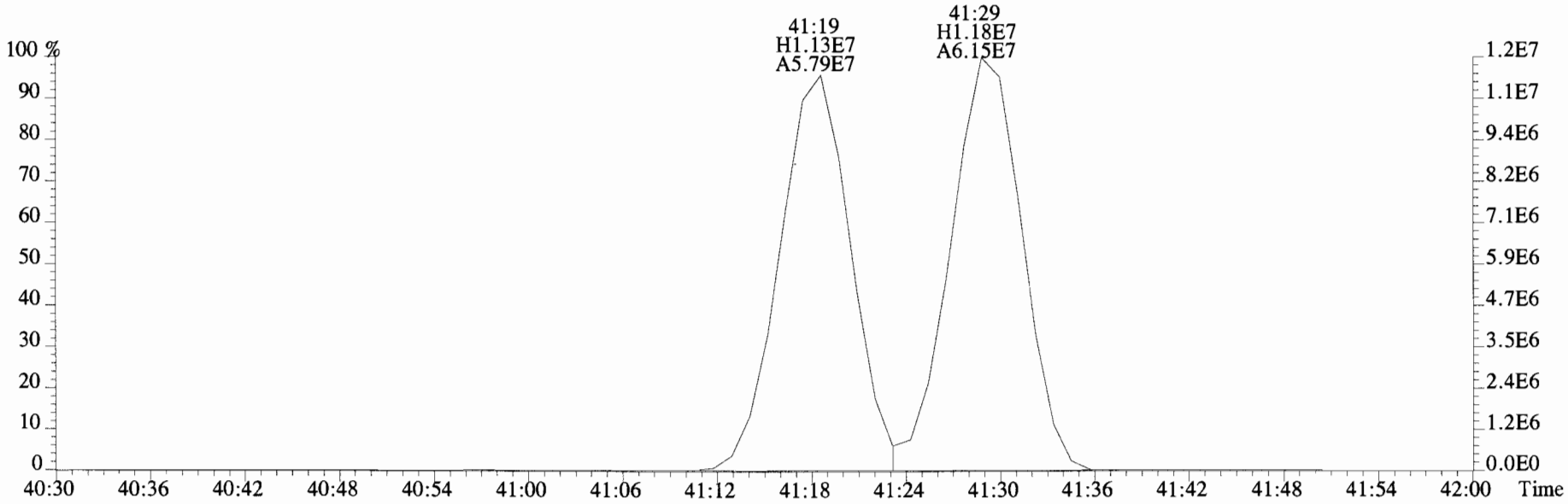
330.9792 S:5 F:3



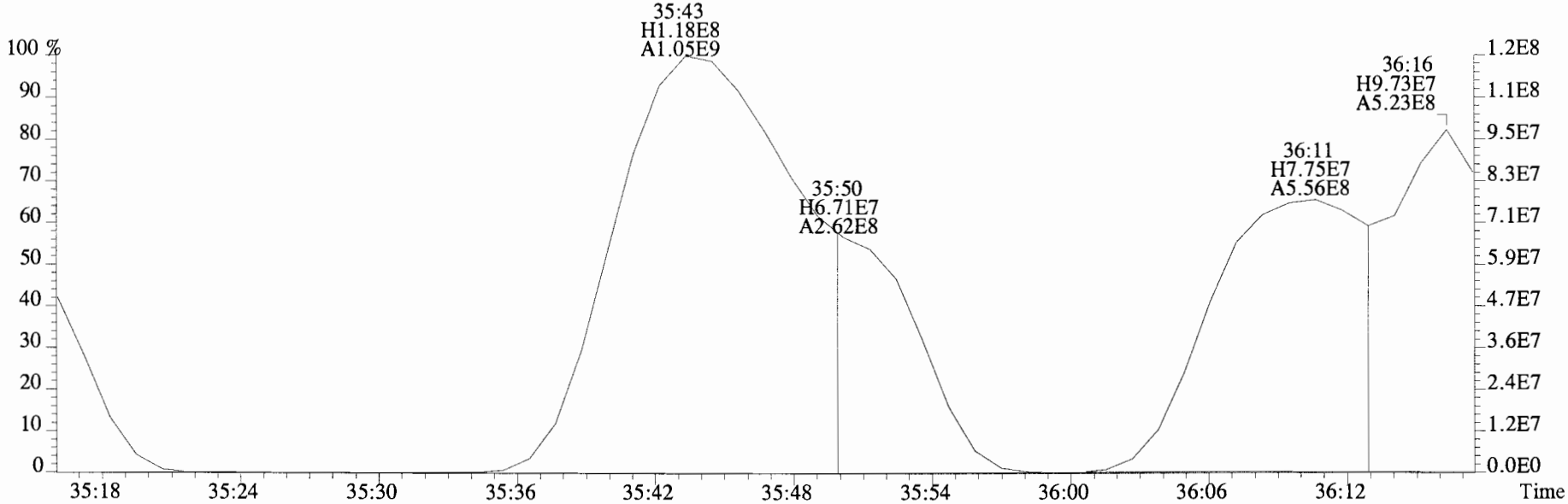
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC Ei+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7720.0,0.00%,F,F)



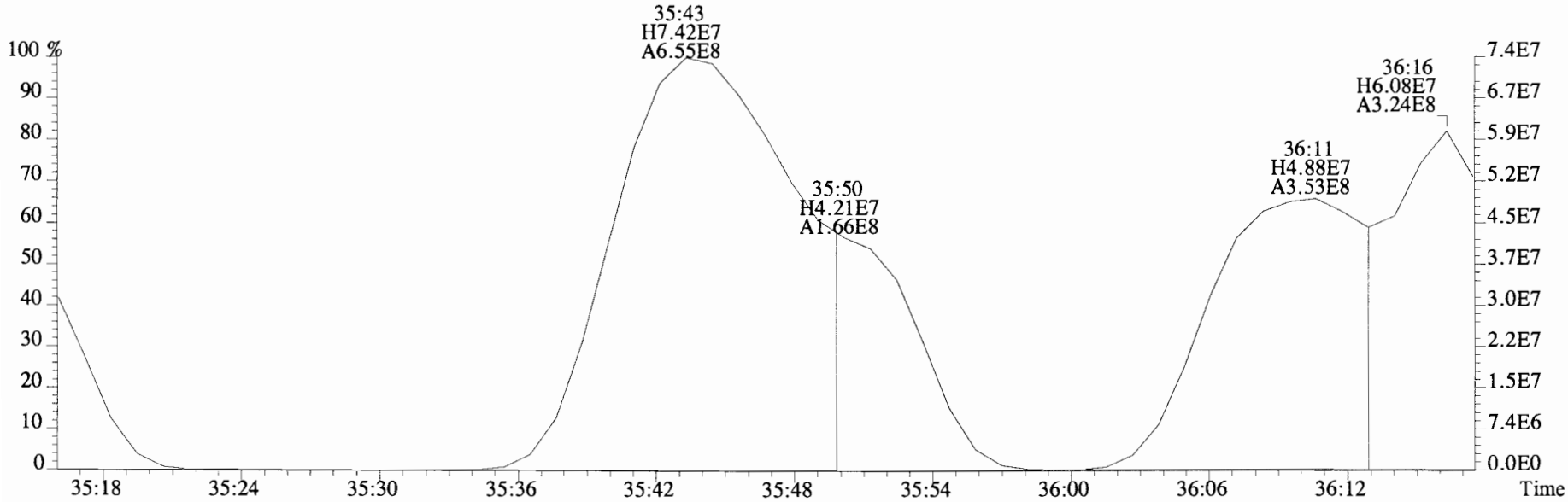
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7208.0,0.00%,F,F)



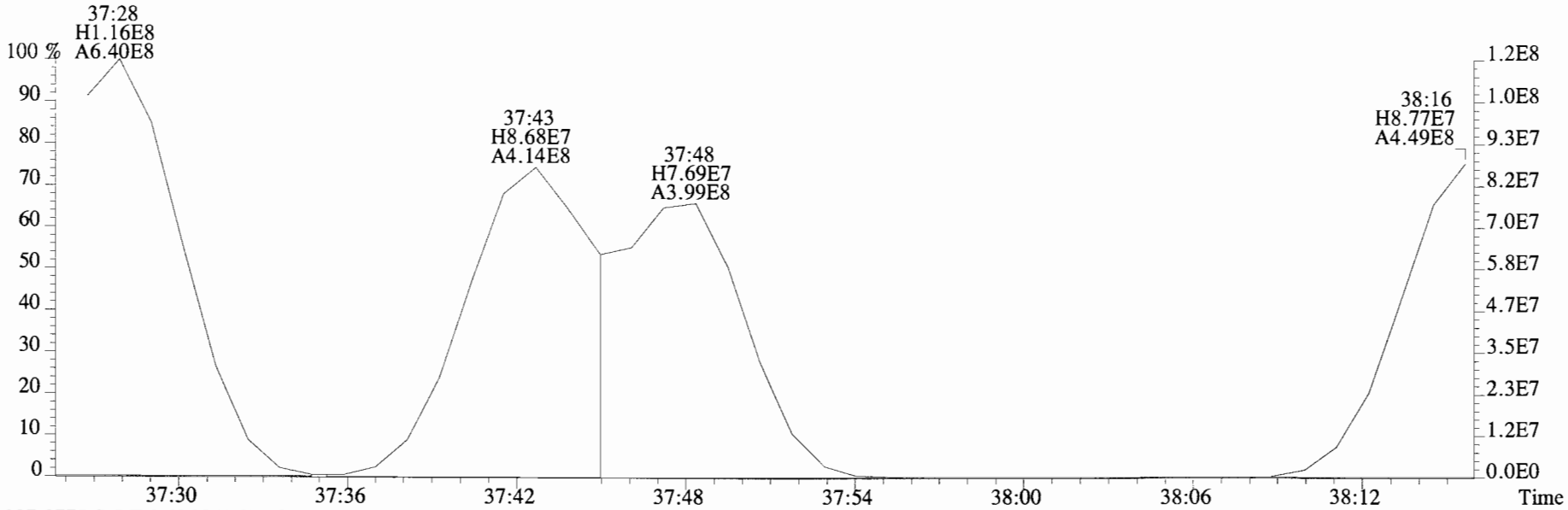
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



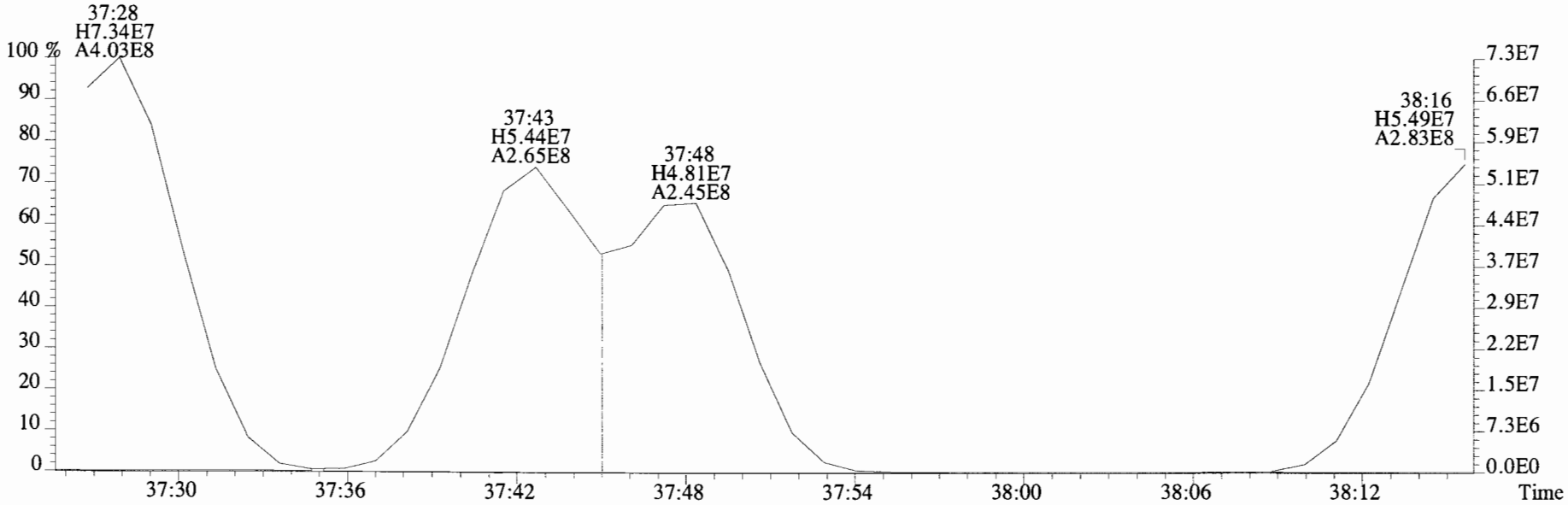
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



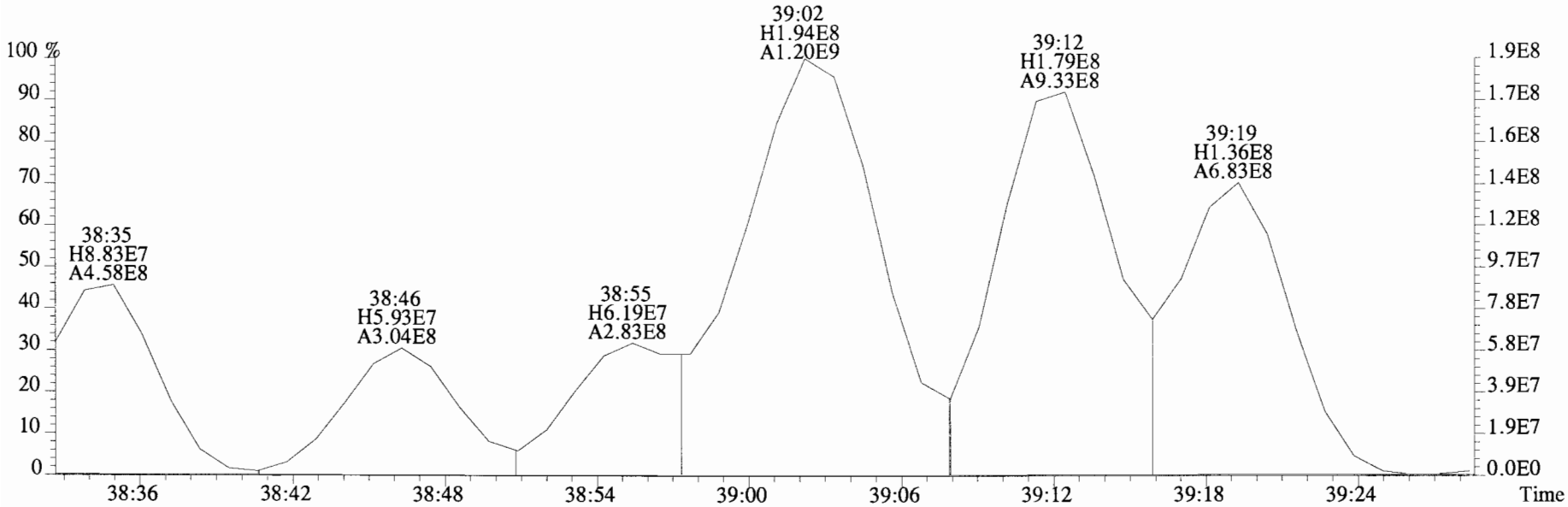
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



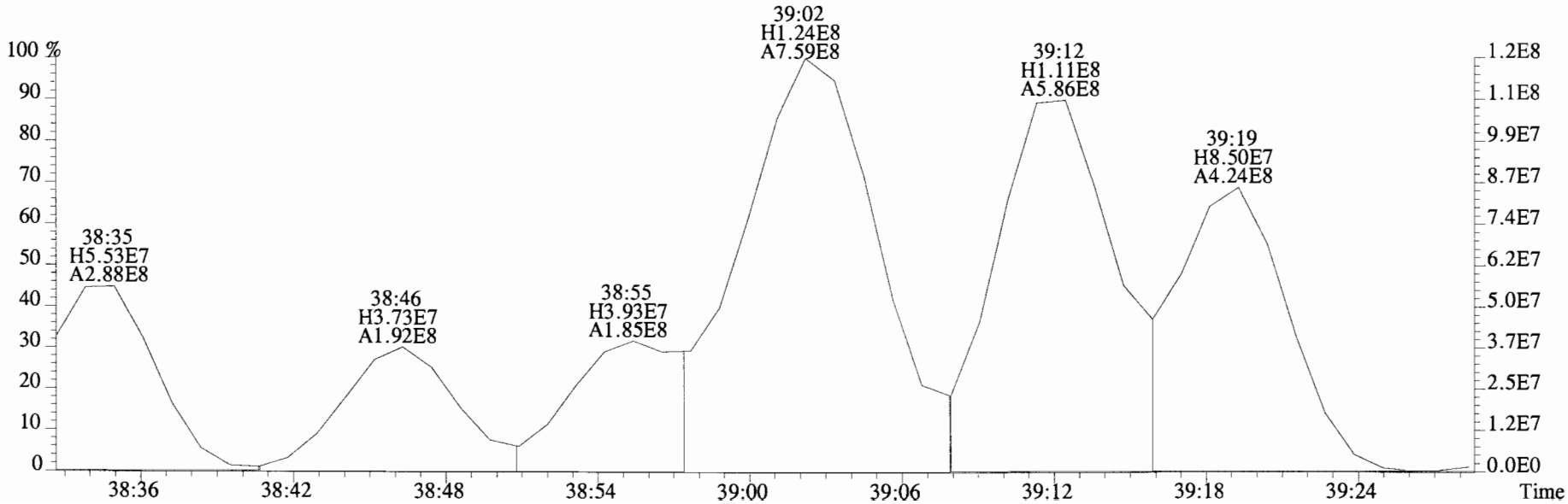
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



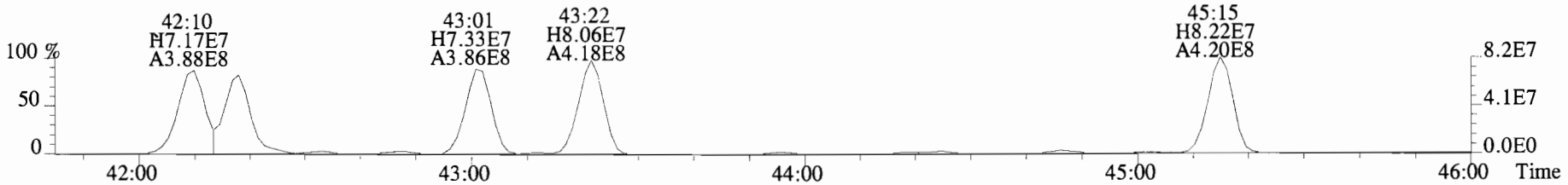
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



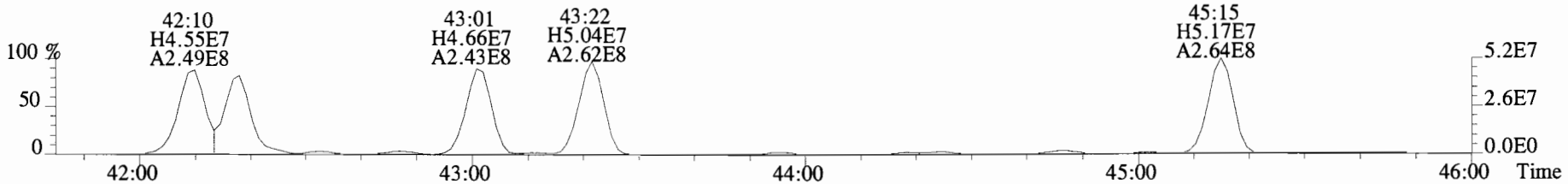
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4628.0,0.00%,F,F)



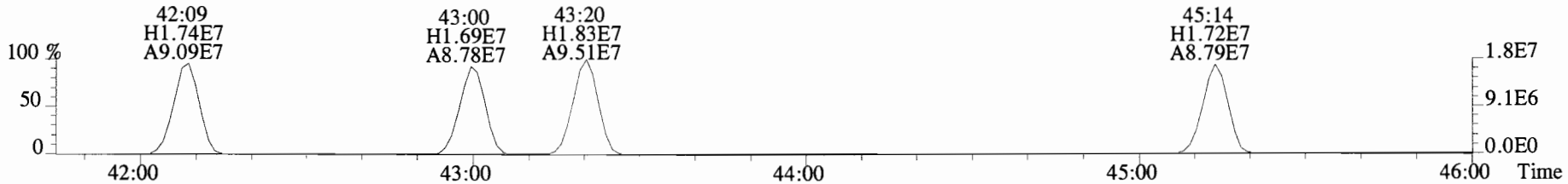
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94504.0,0.00%,F,F)



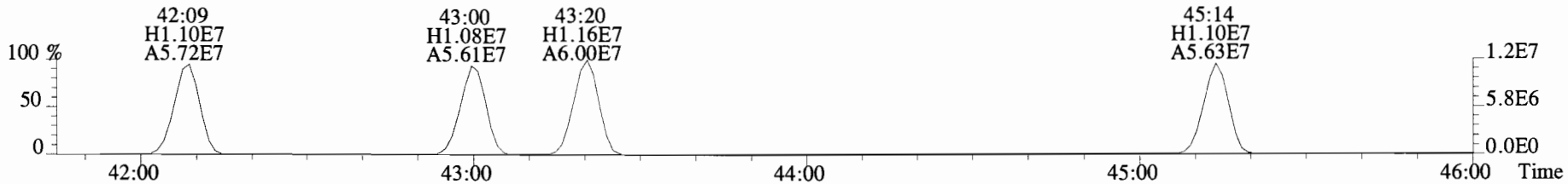
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67108.0,0.00%,F,F)



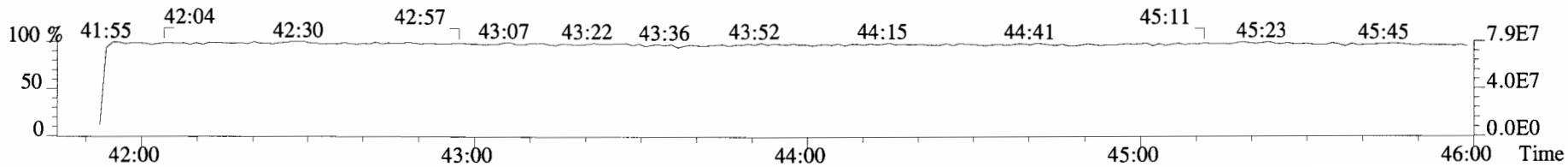
337.9207 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10784.0,0.00%,F,F)



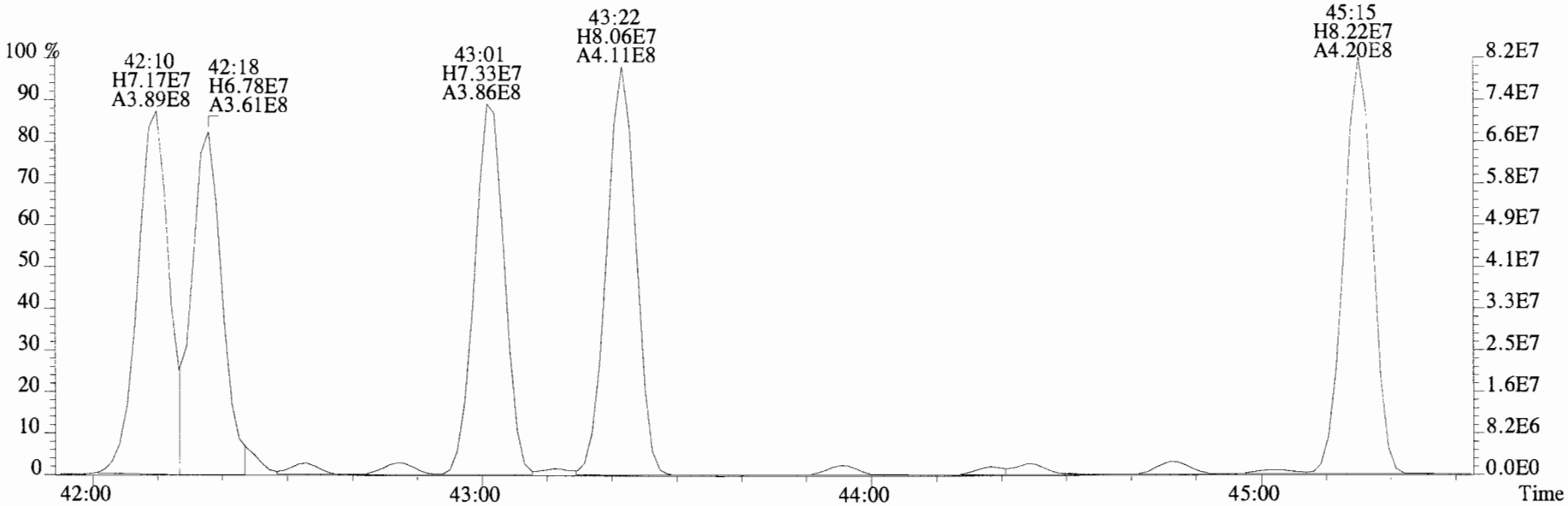
339.9177 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9340.0,0.00%,F,F)



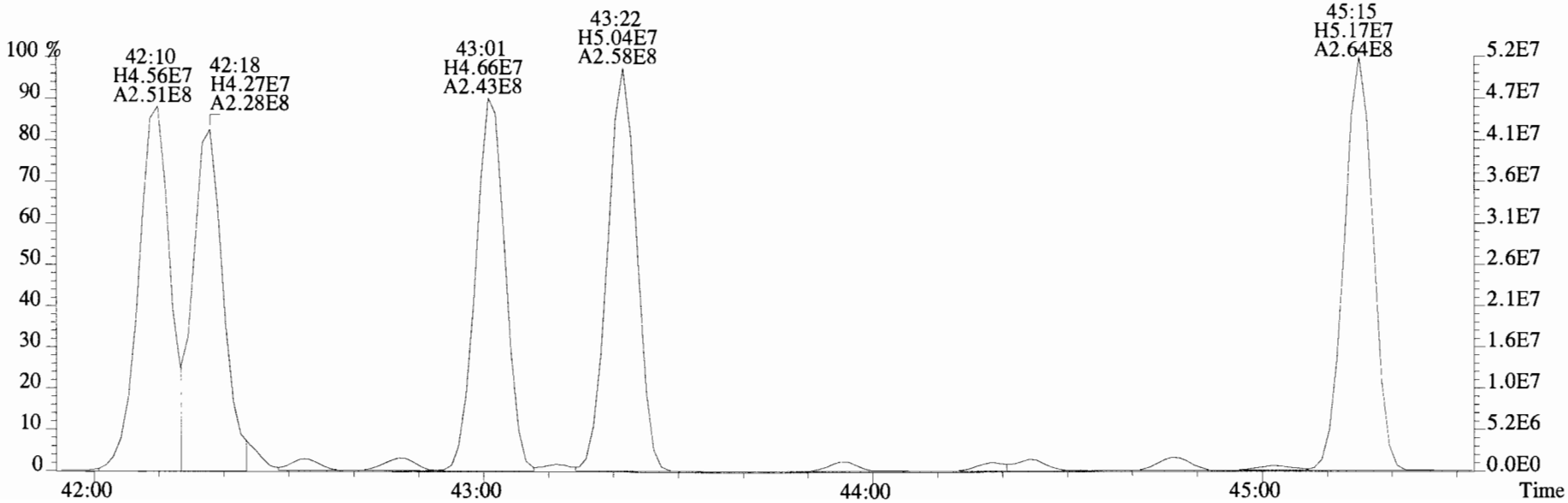
380.9760 S:5 F:4



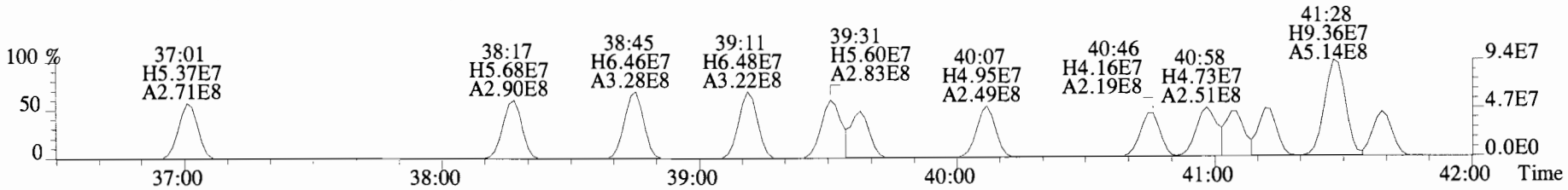
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,94504.0,0.00%,F,F)



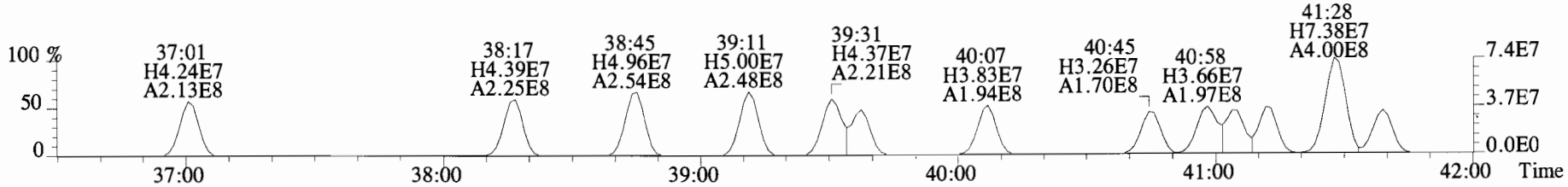
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67108.0,0.00%,F,F)



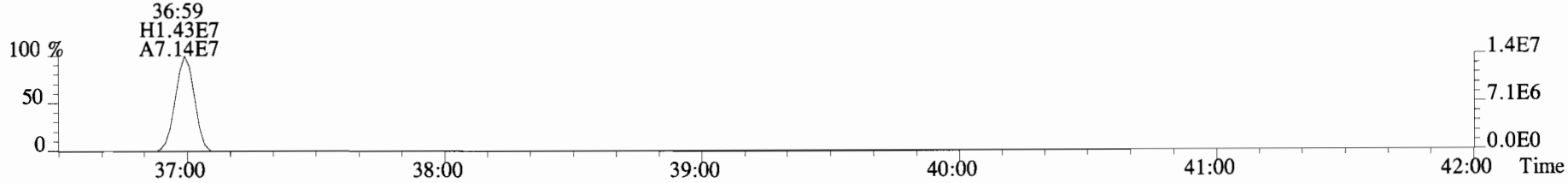
File:180208E1 #1-756 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3972.0,0.00%,F,F)



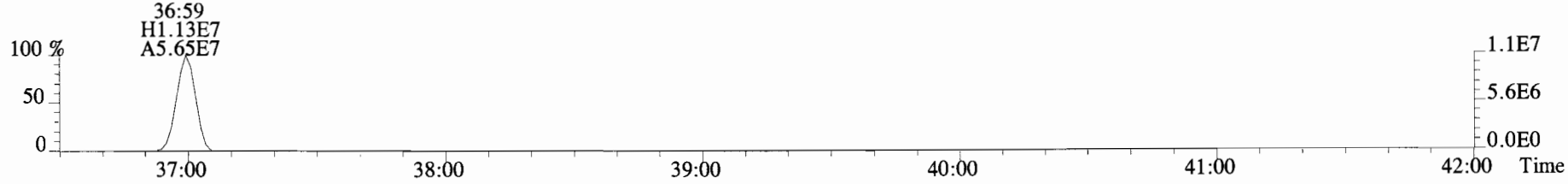
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3740.0,0.00%,F,F)



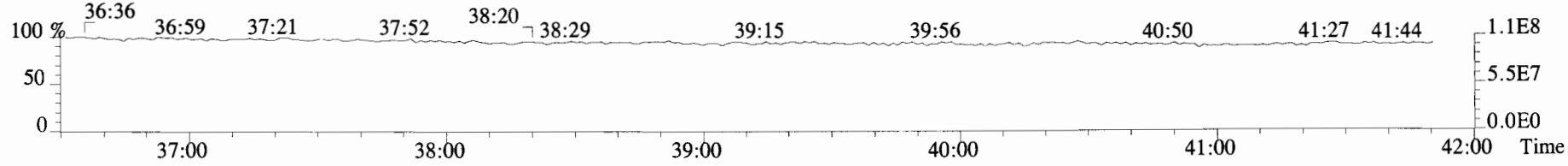
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4744.0,0.00%,F,F)



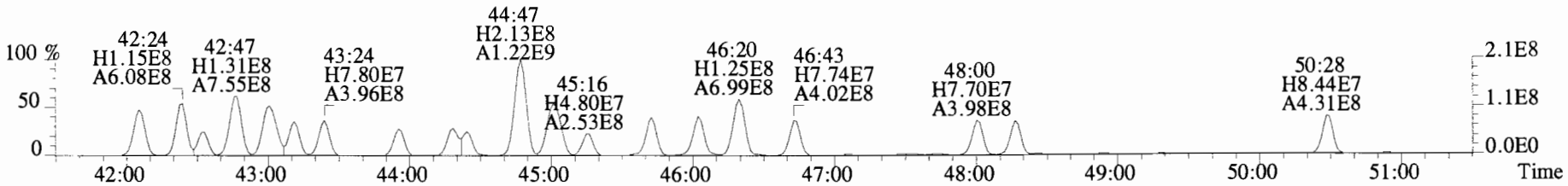
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



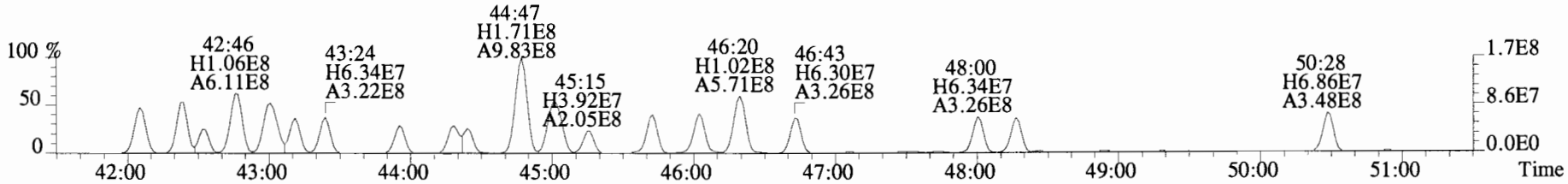
330.9792 S:5 F:3



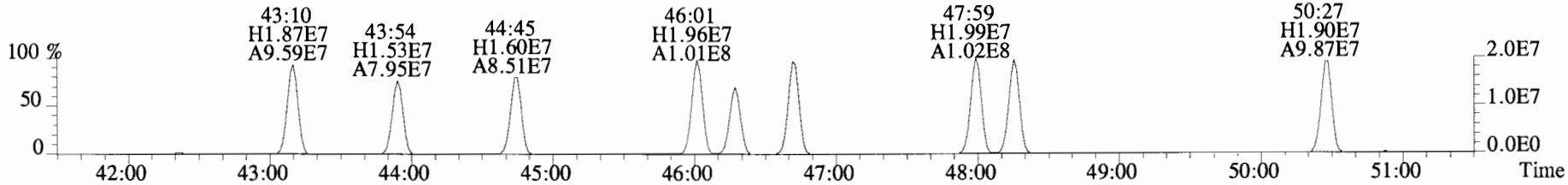
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



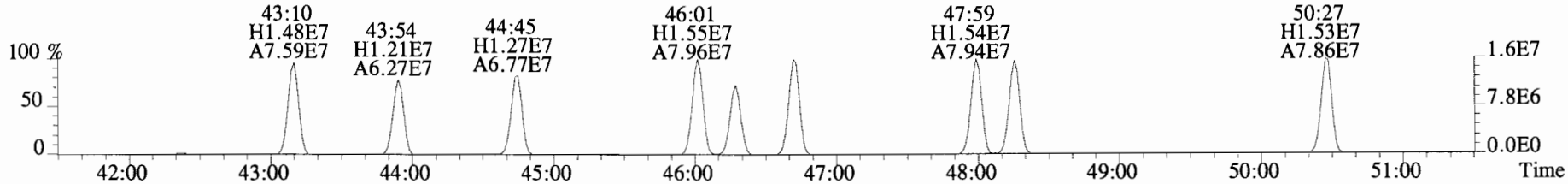
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



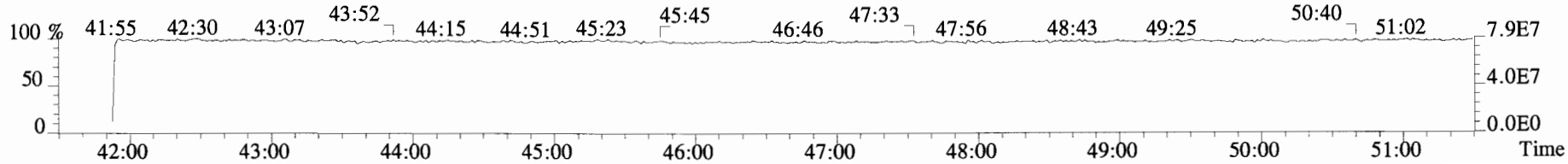
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



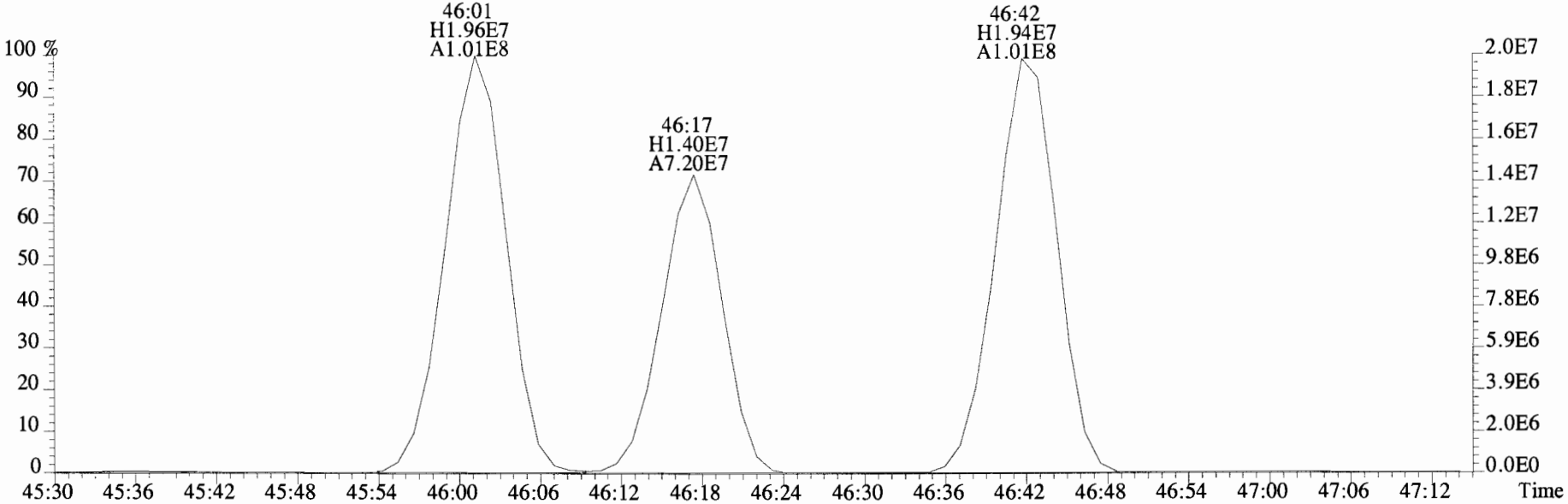
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



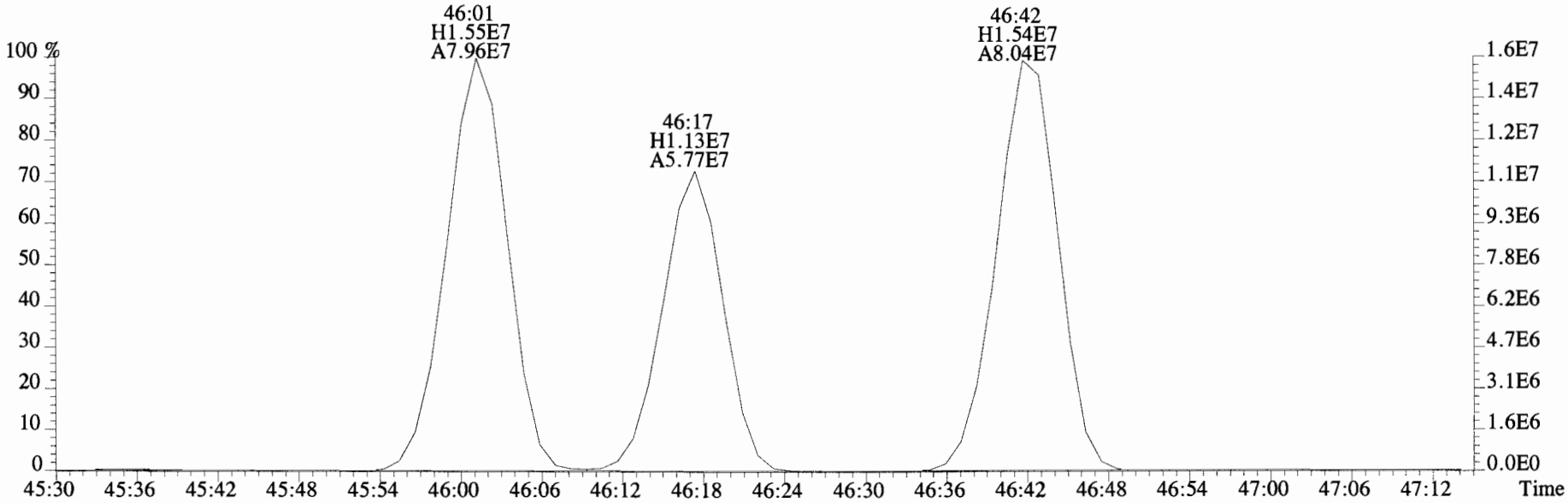
380.9760 S:5 F:4



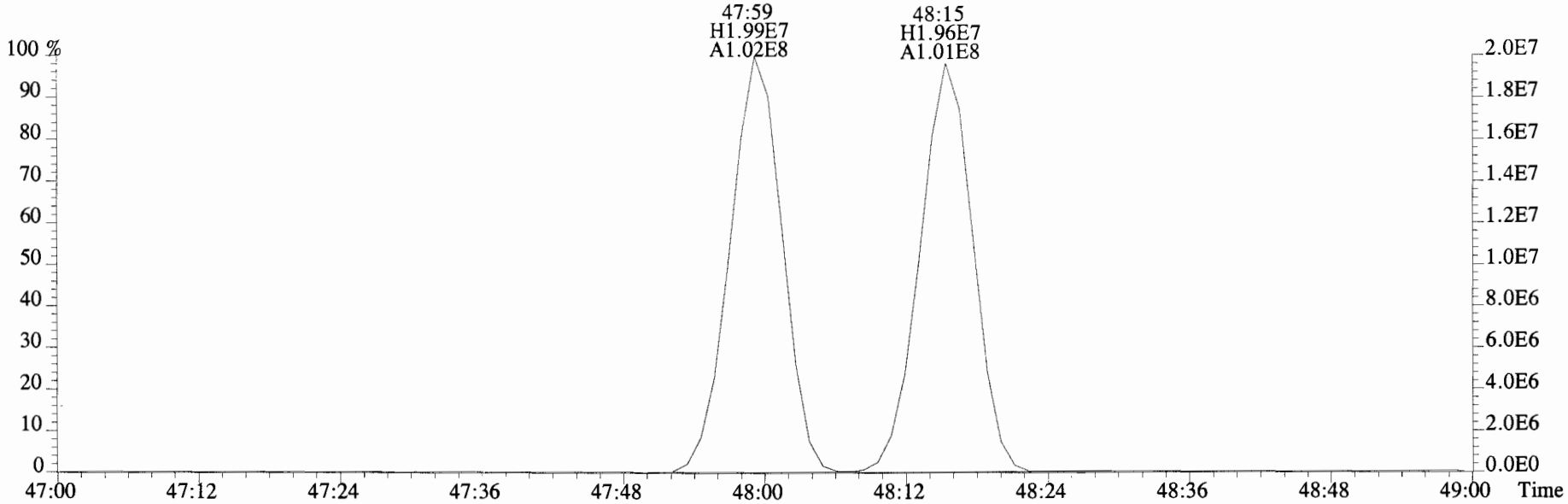
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



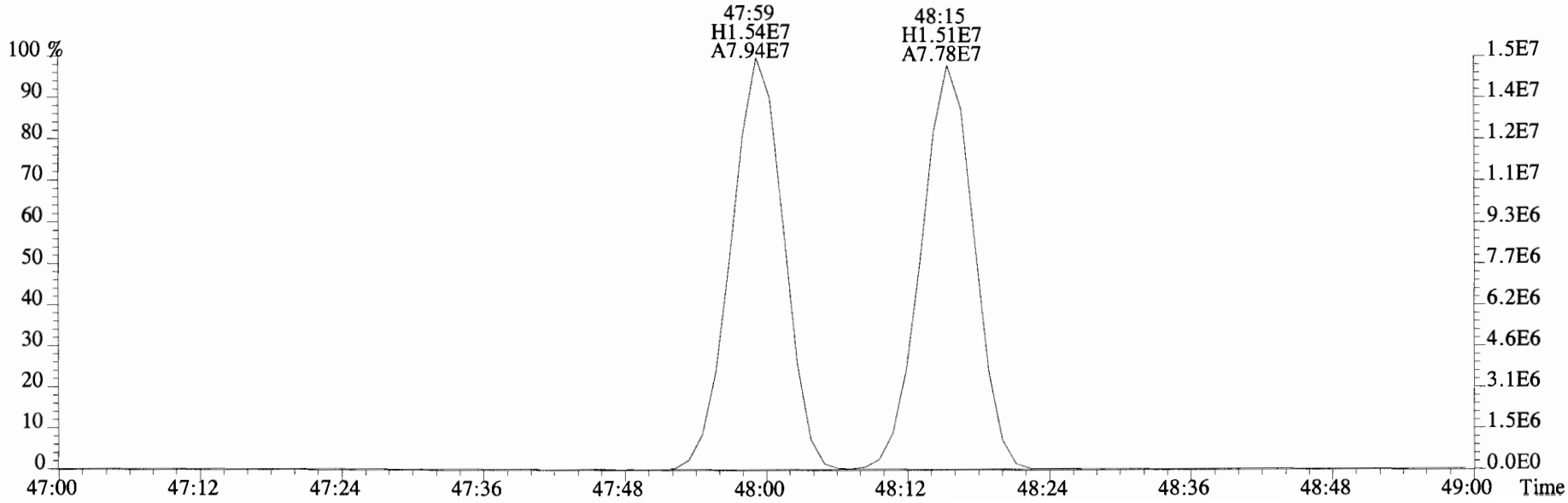
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



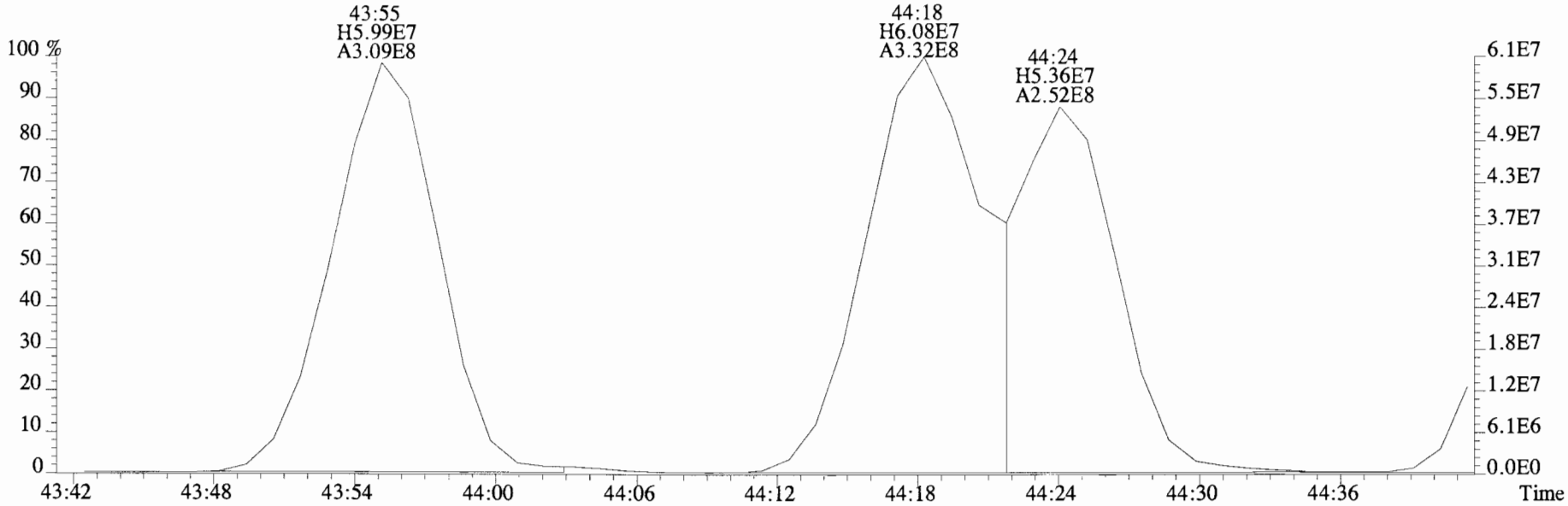
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27148.0,0.00%,F,F)



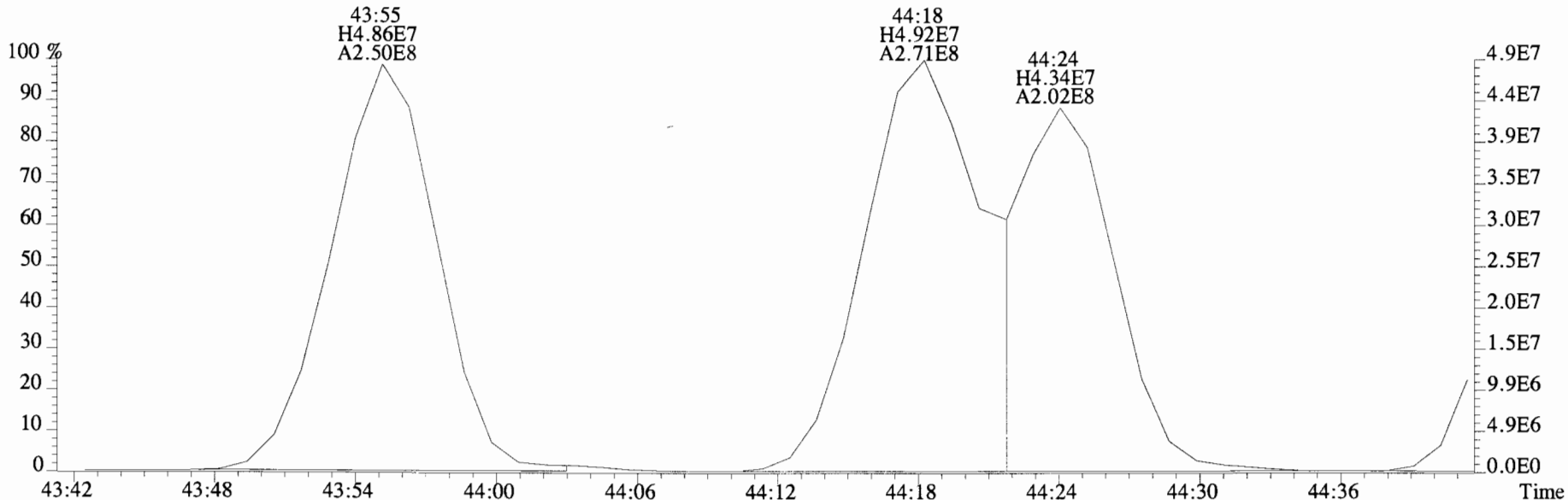
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20348.0,0.00%,F,F)



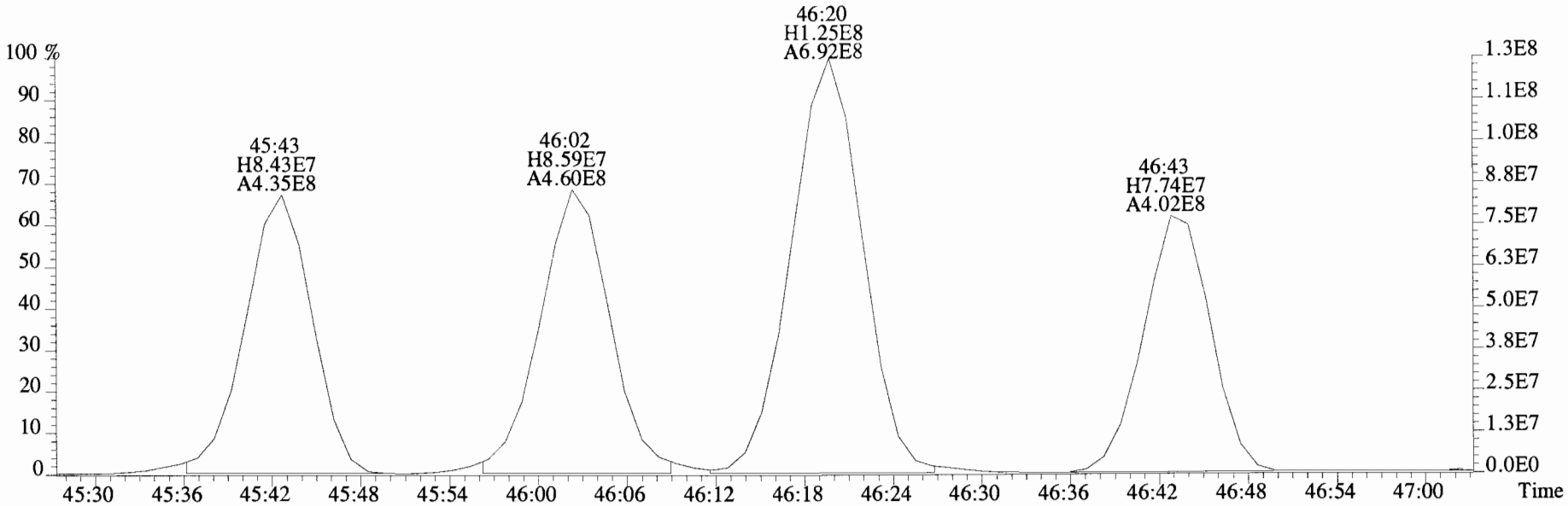
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



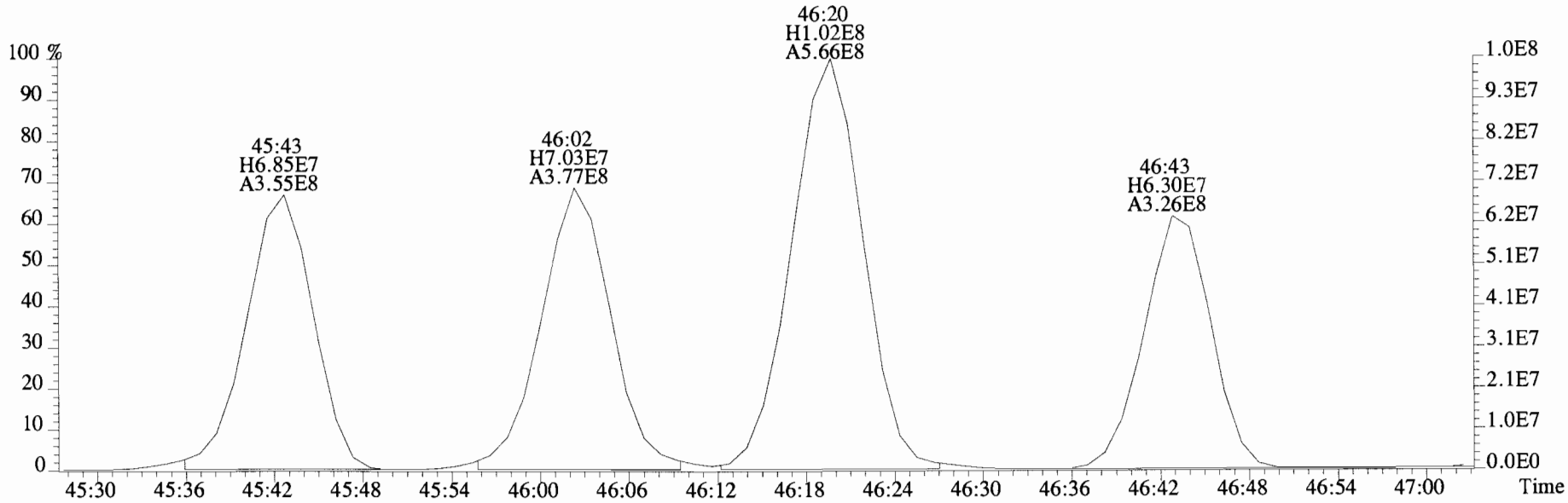
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



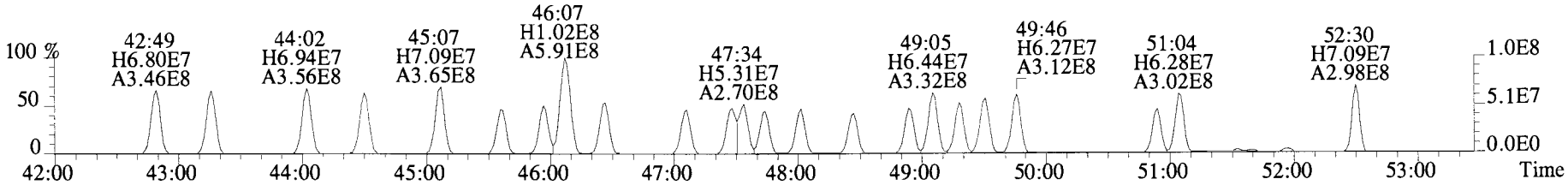
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,448632.0,0.00%,F,F)



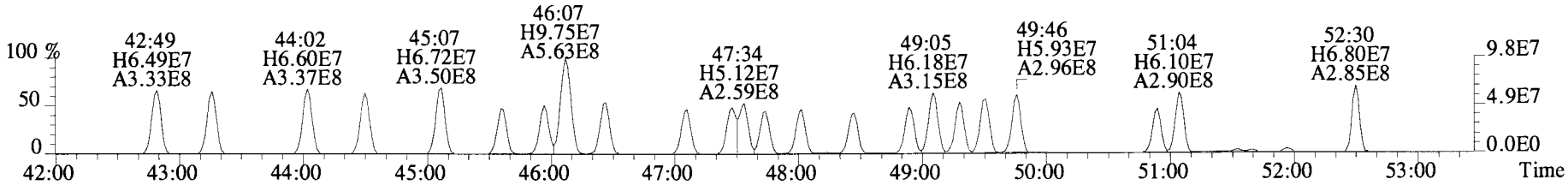
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,358152.0,0.00%,F,F)



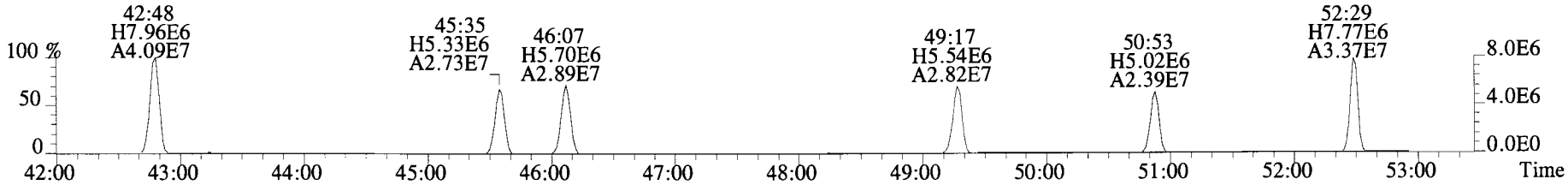
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,325356.0,0.00%,F,F)



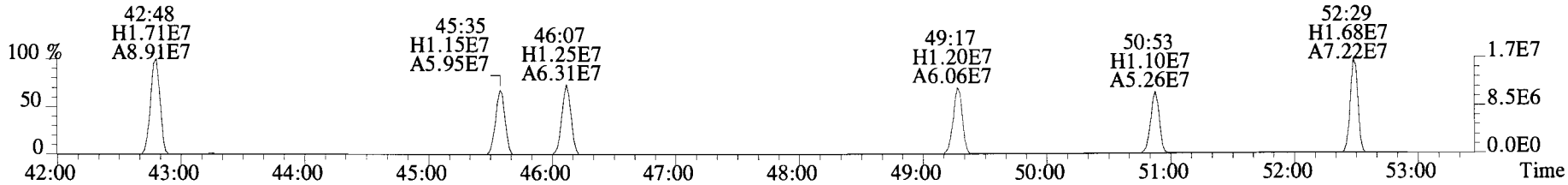
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,302116.0,0.00%,F,F)



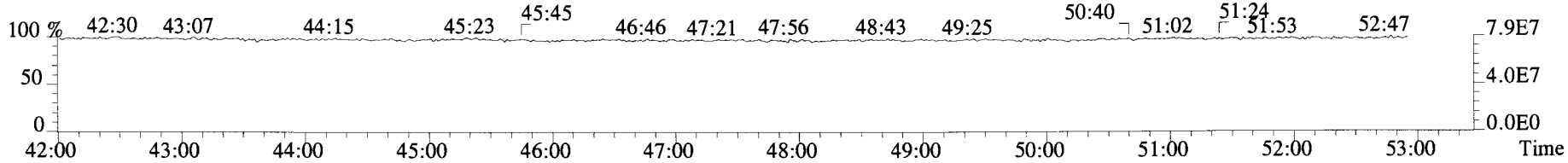
403.8457 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9408.0,0.00%,F,F)



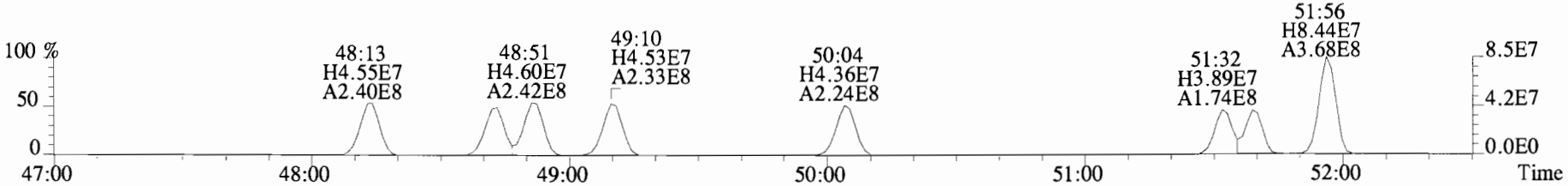
405.8428 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17680.0,0.00%,F,F)



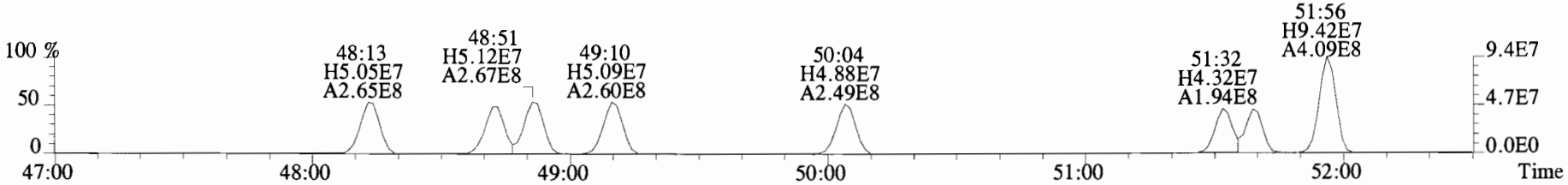
380.9760 S:5 F:4



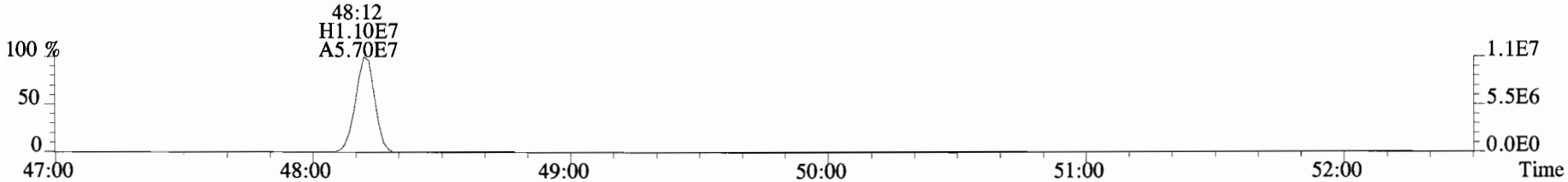
File:180208E1 #1-574 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,51864.0,0.00%,F,F)



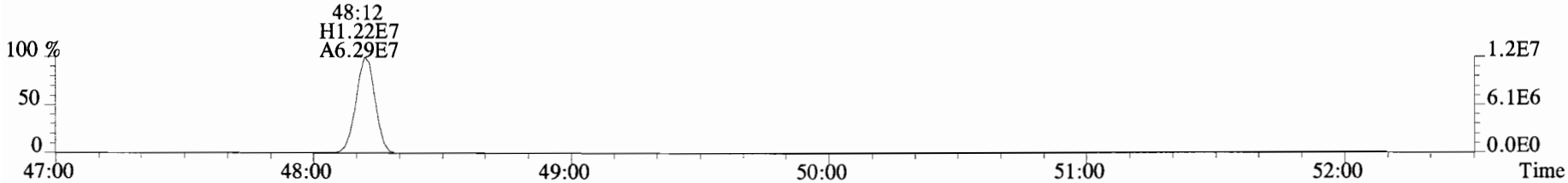
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57104.0,0.00%,F,F)



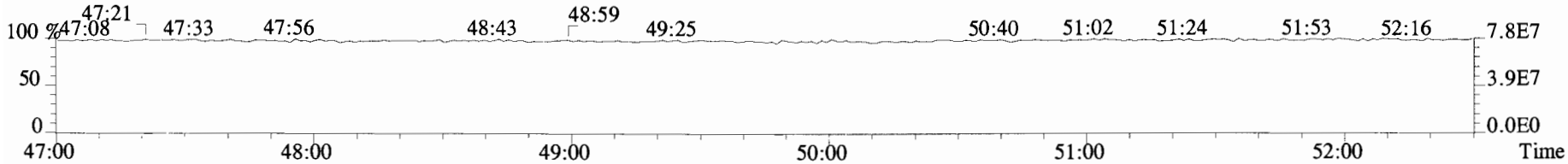
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



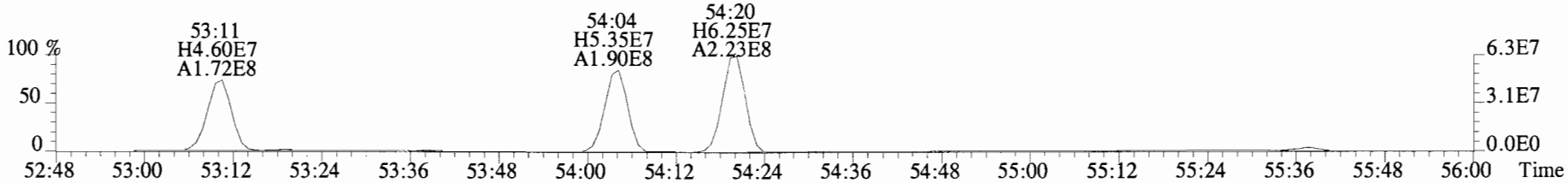
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6976.0,0.00%,F,F)



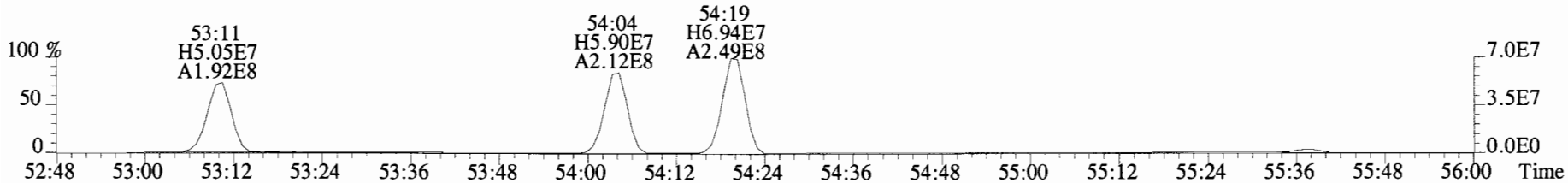
380.9760 S:5 F:4



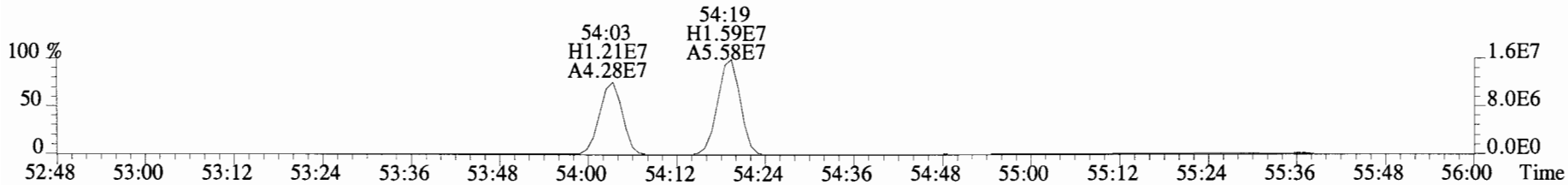
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,271760.0,0.00%,F,F)



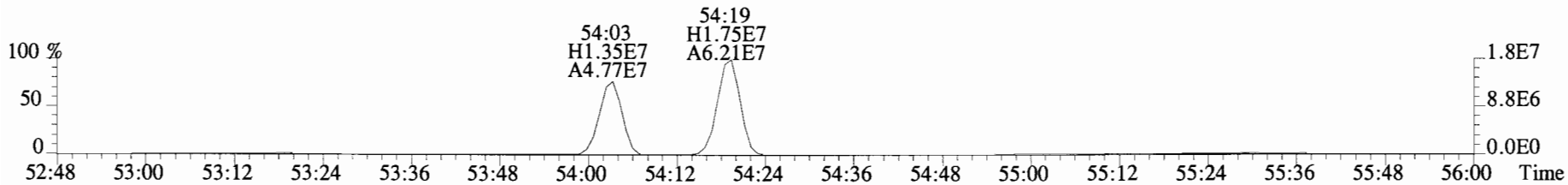
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,305640.0,0.00%,F,F)



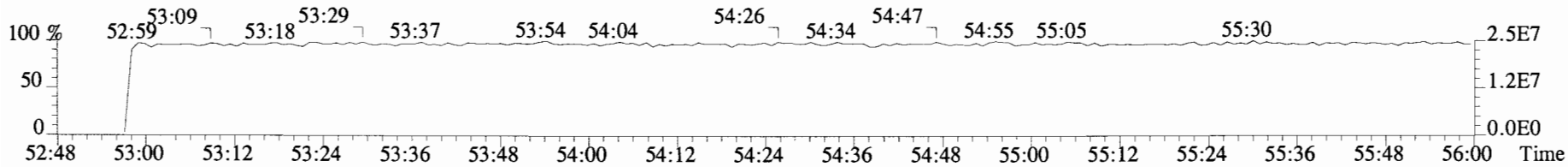
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10252.0,0.00%,F,F)



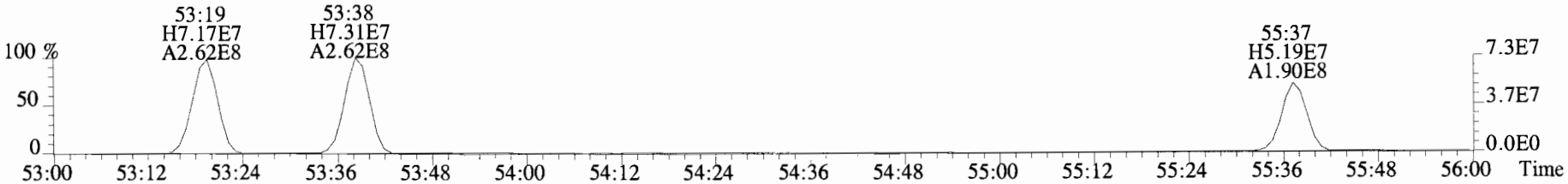
441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9748.0,0.00%,F,F)



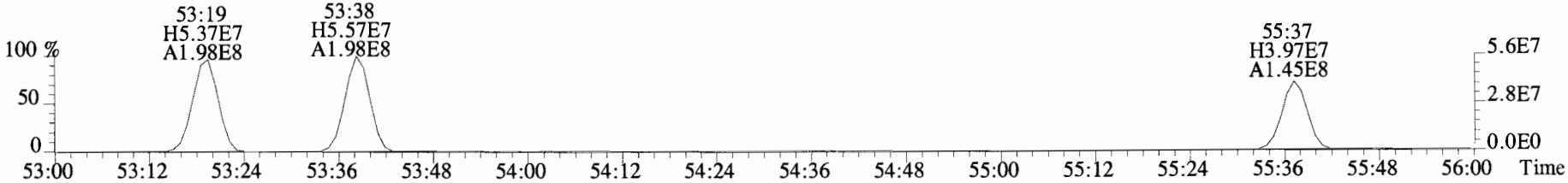
492.9697 S:5 F:5



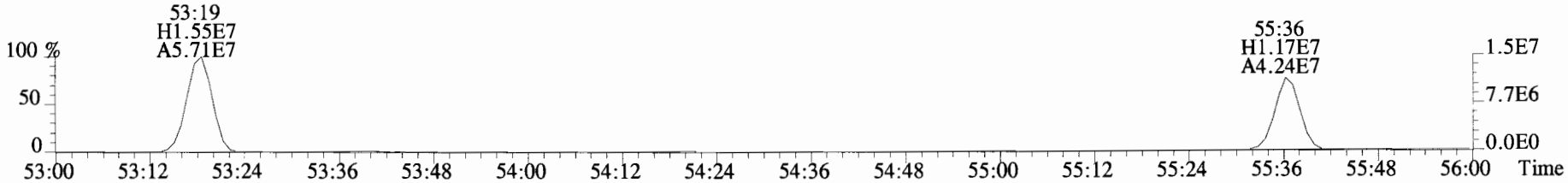
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,229276.0,0.00%,F,F)



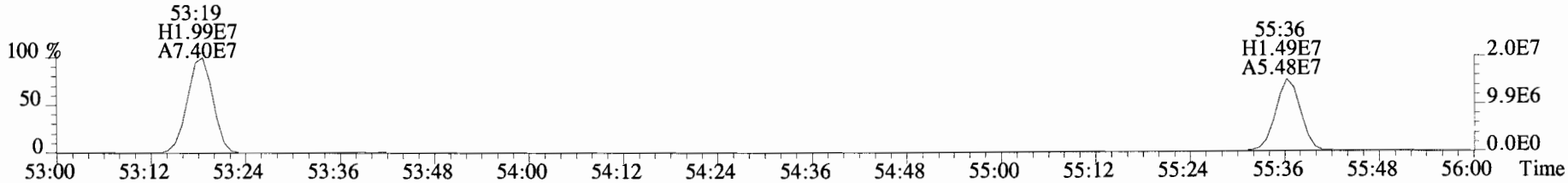
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,174376.0,0.00%,F,F)



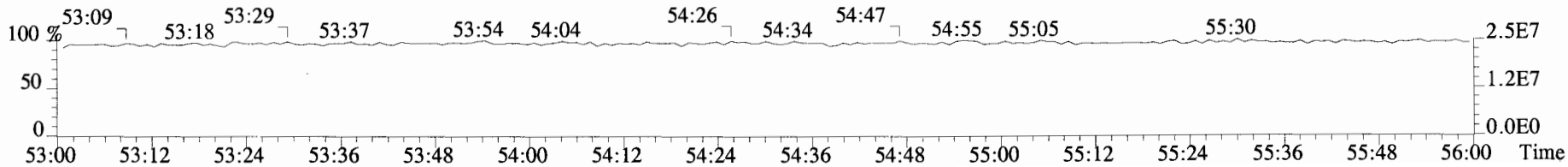
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37356.0,0.00%,F,F)



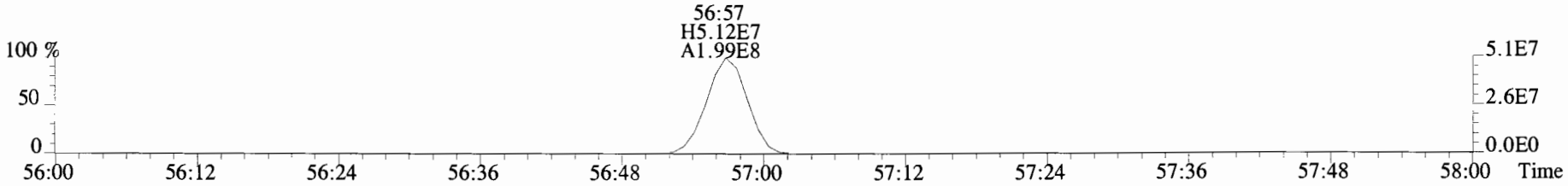
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47388.0,0.00%,F,F)



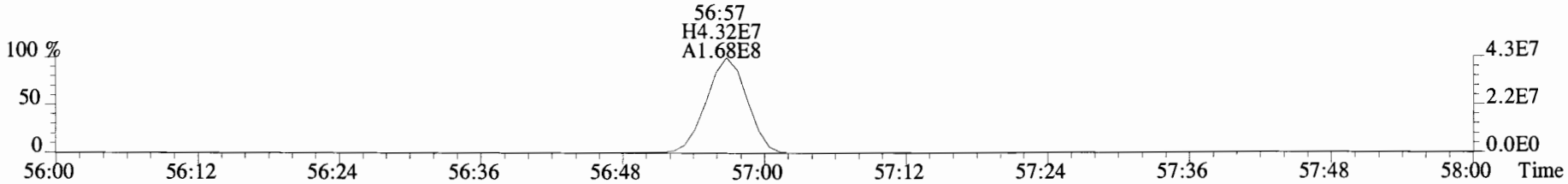
492.9697 S:5 F:5



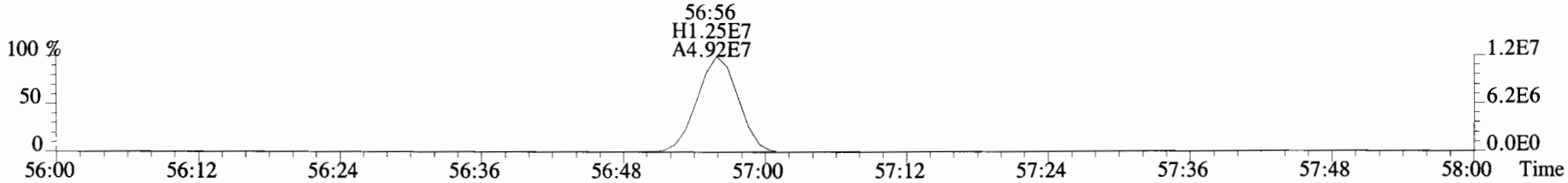
File:180208E1 #1-407 Acq: 8-FEB-2018 12:55:10 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-5 PCB CS4 17L3007 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1776.0,0.00%,F,F)



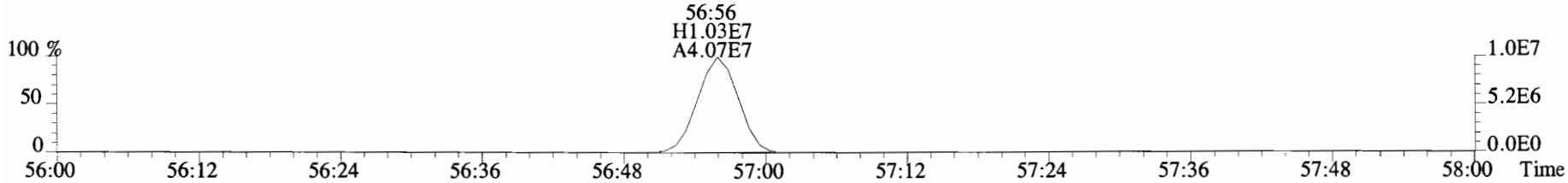
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



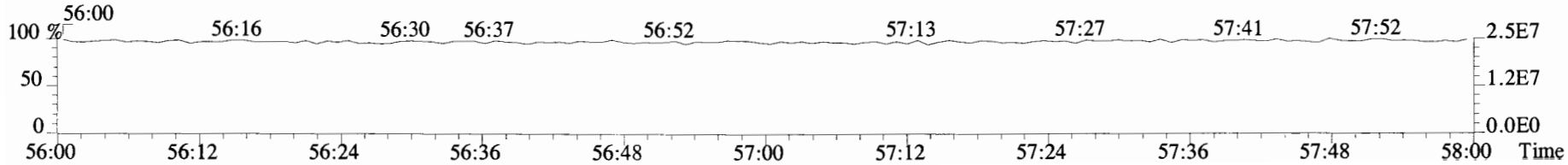
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1792.0,0.00%,F,F)



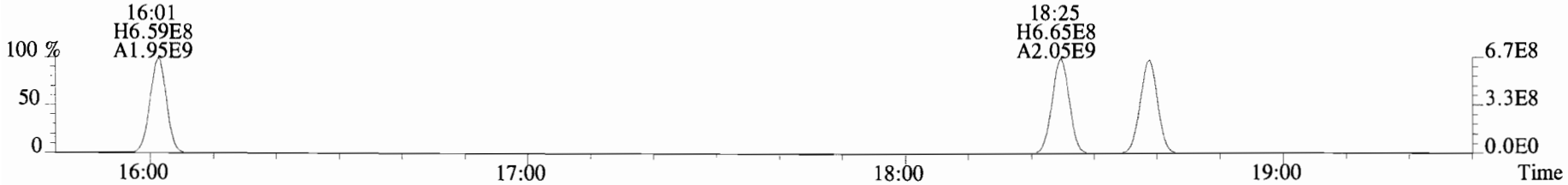
511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



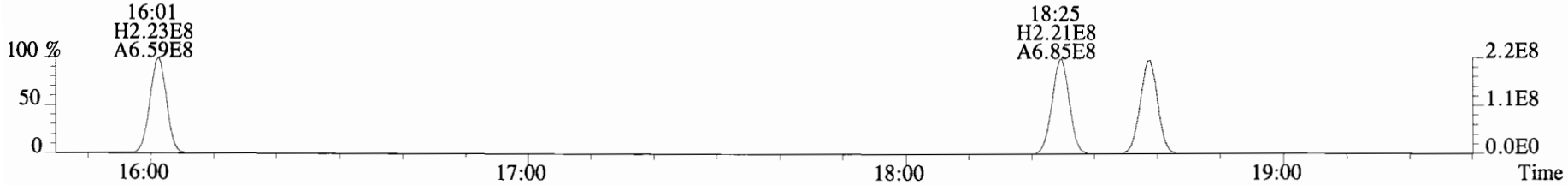
492.9697 S:5 F:5



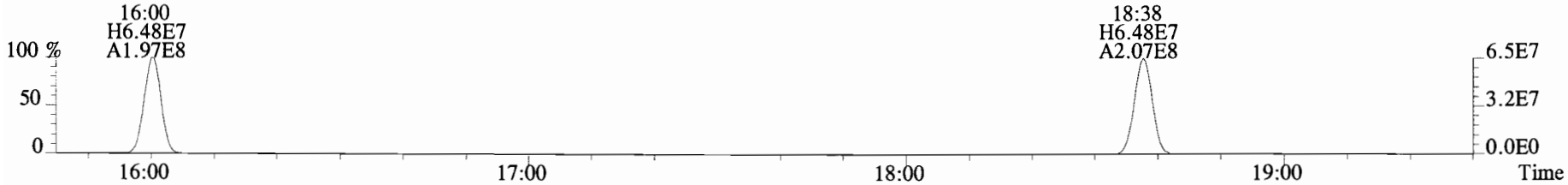
File:180208E1 #1-867 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13676.0,0.00%,F,F)



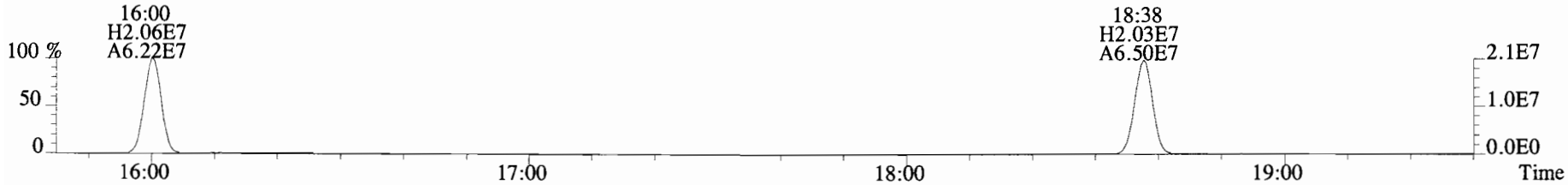
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8128.0,0.00%,F,F)



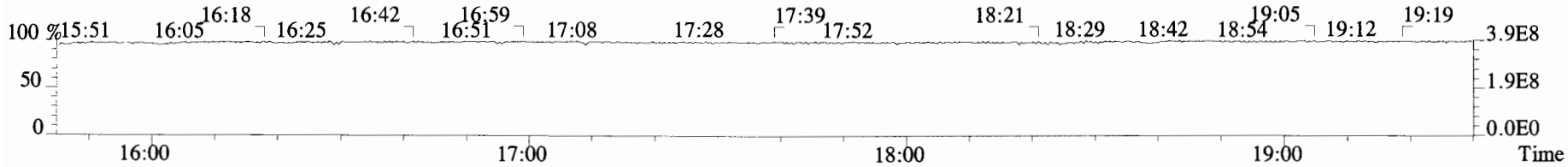
200.0795 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7876.0,0.00%,F,F)



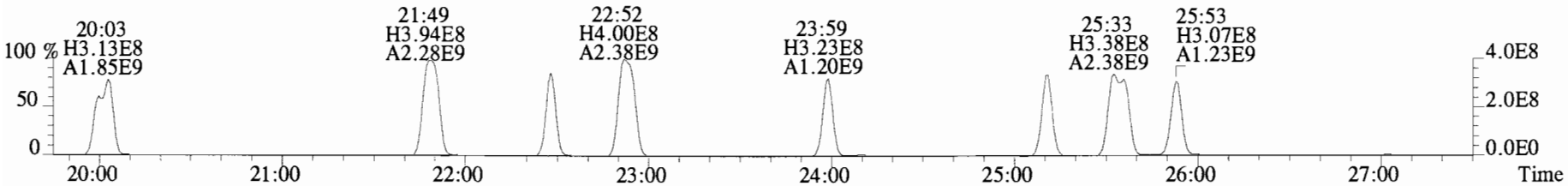
202.0766 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40796.0,0.00%,F,F)



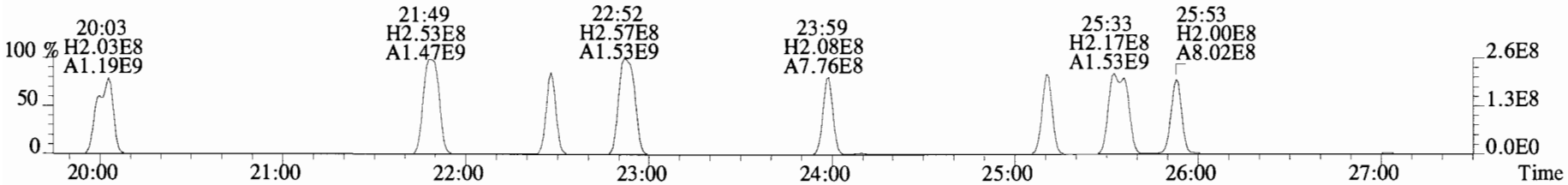
180.9880 S:6



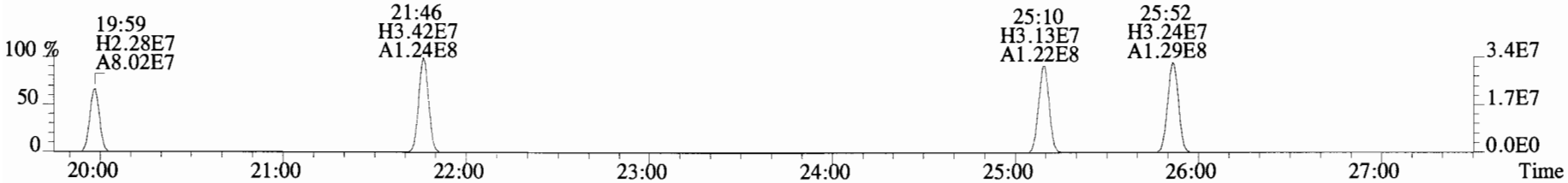
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105088.0,0.00%,F,F)



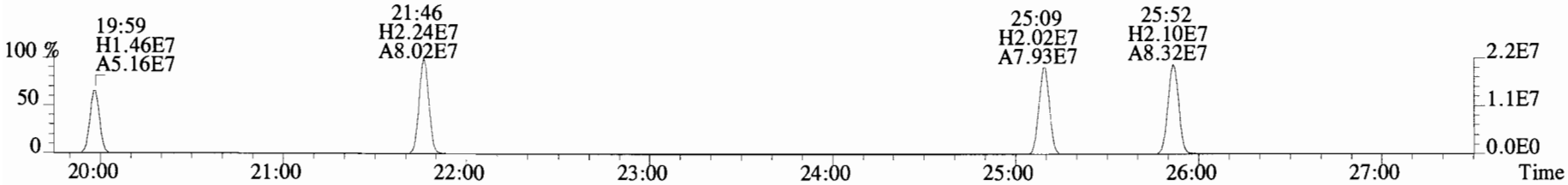
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63132.0,0.00%,F,F)



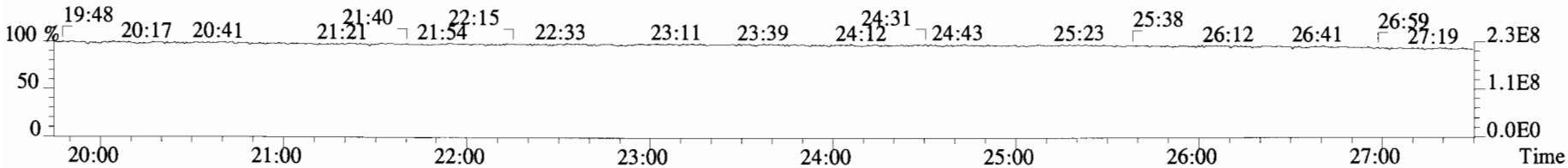
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5376.0,0.00%,F,F)



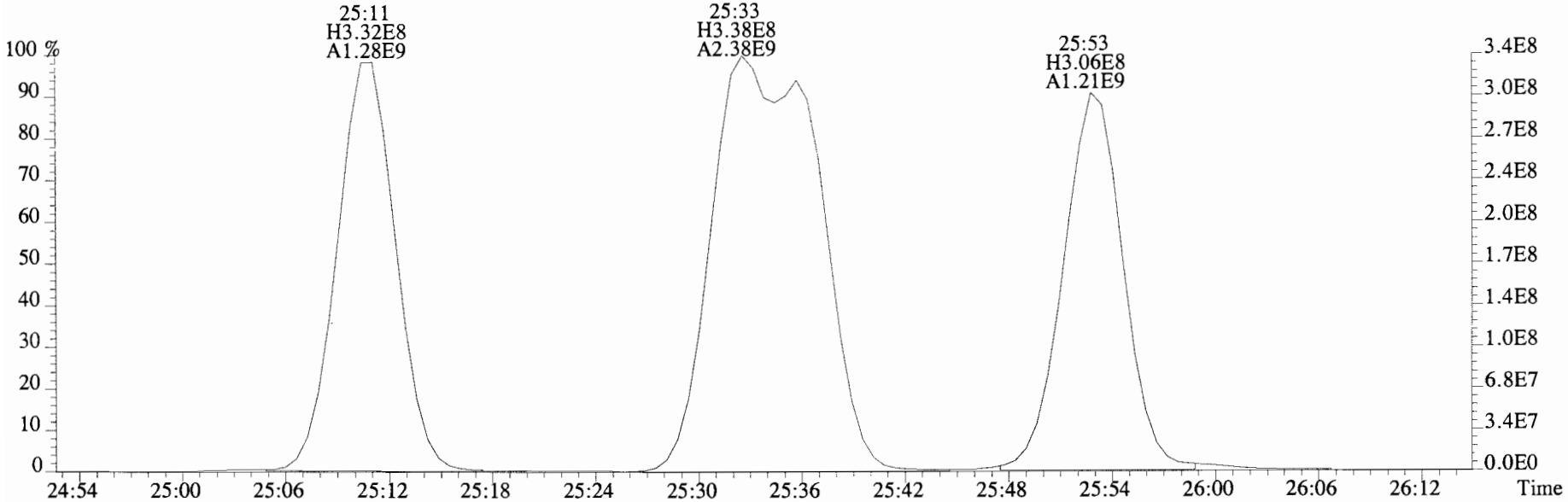
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



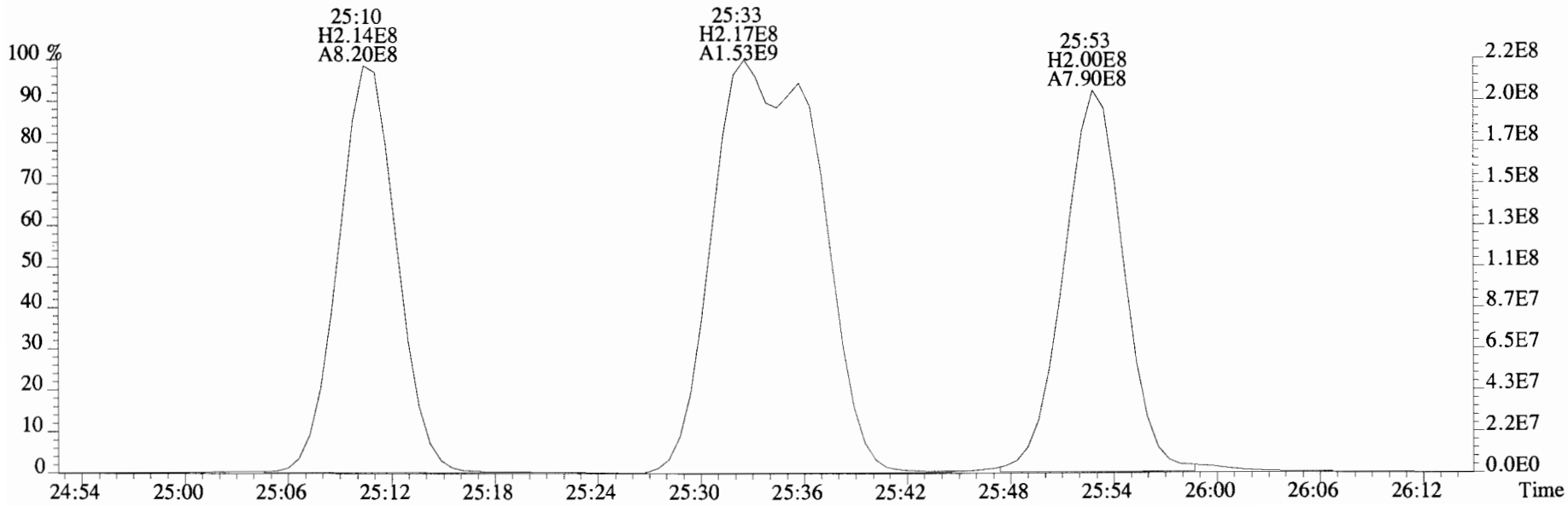
230.9856 S:6 F:2



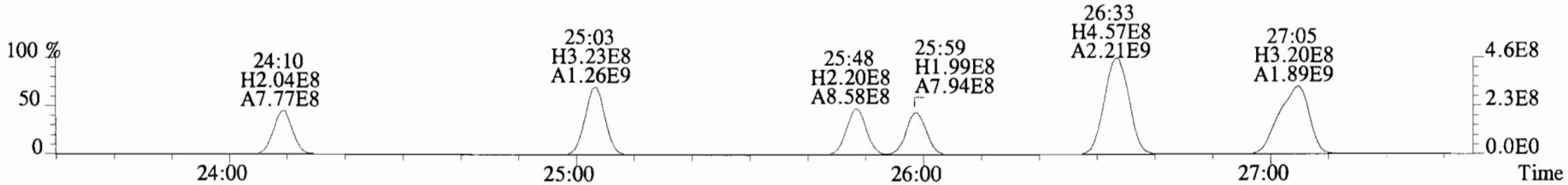
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105088.0,0.00%,F,F)



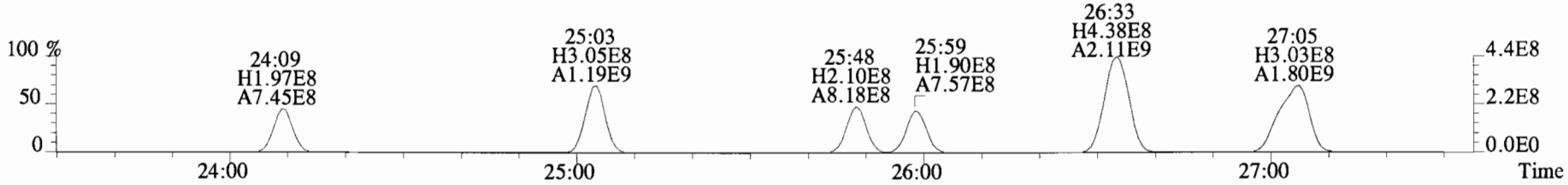
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63132.0,0.00%,F,F)



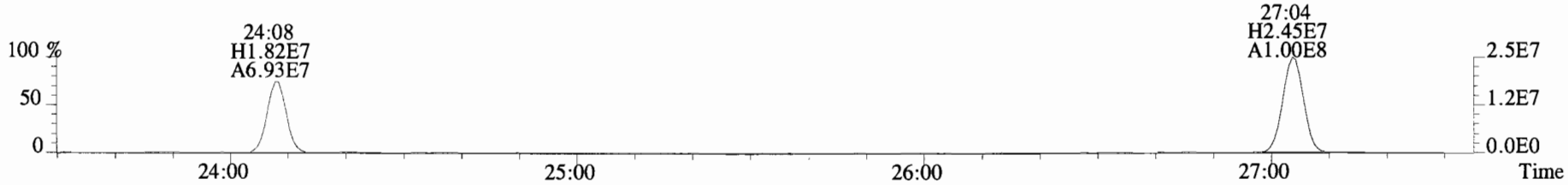
File:180208E1 #1-757 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4416.0,0.00%,F,F)



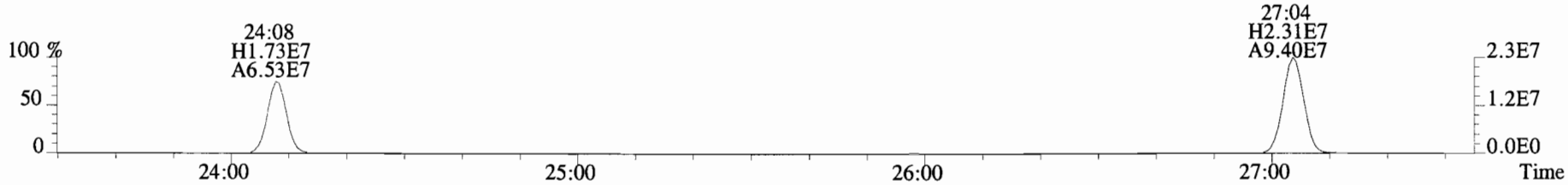
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3504.0,0.00%,F,F)



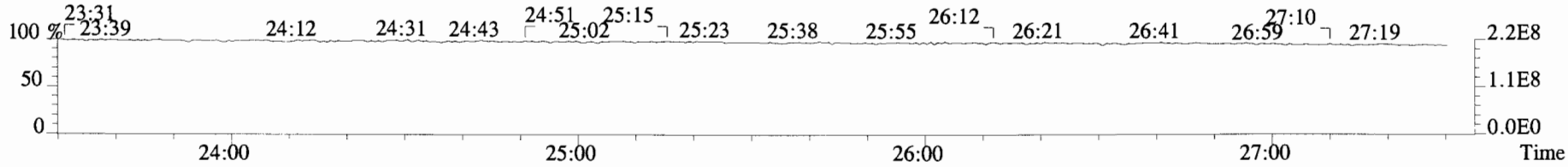
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,90196.0,0.00%,F,F)



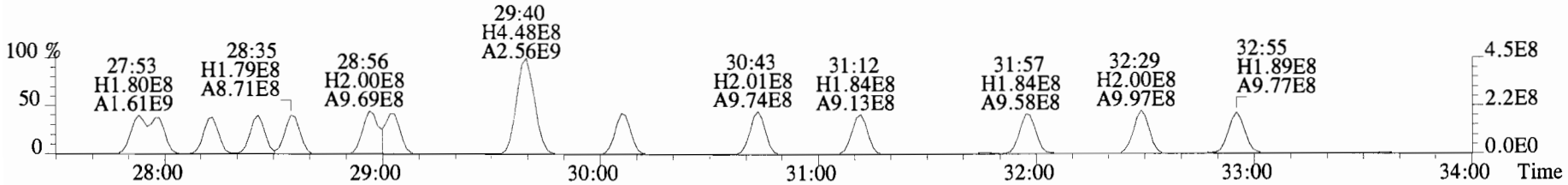
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38764.0,0.00%,F,F)



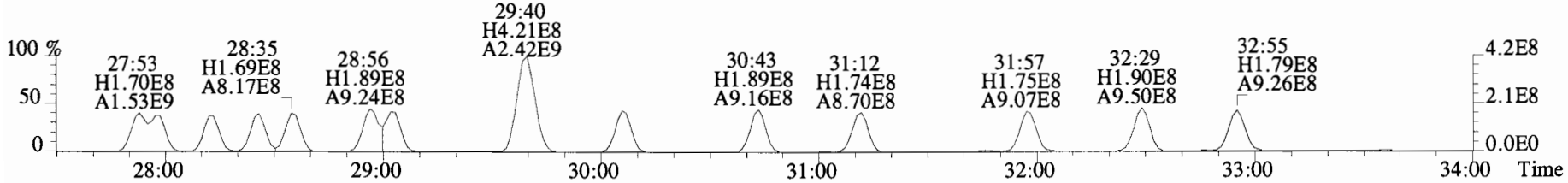
230.9856 S:6 F:2



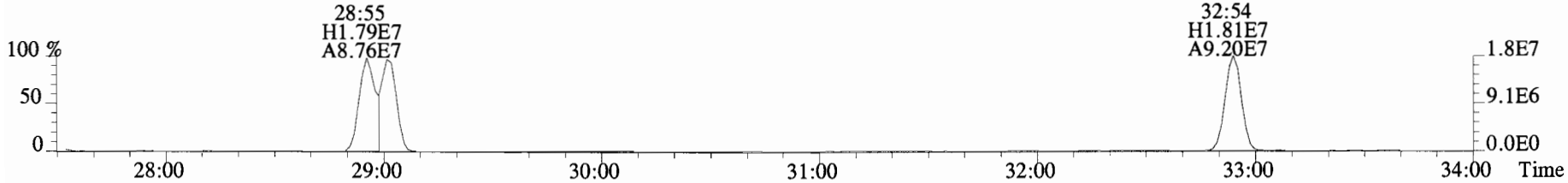
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



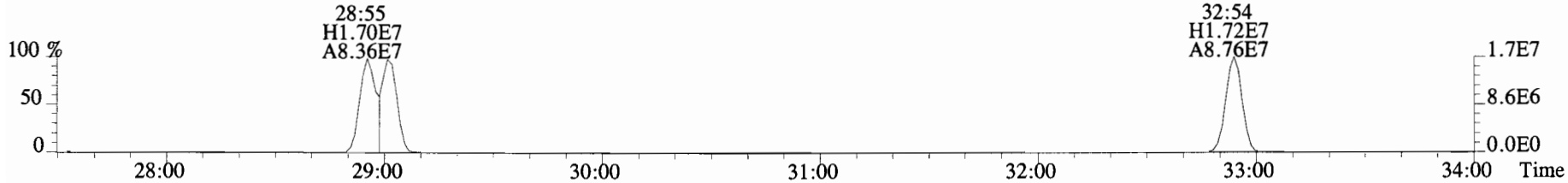
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



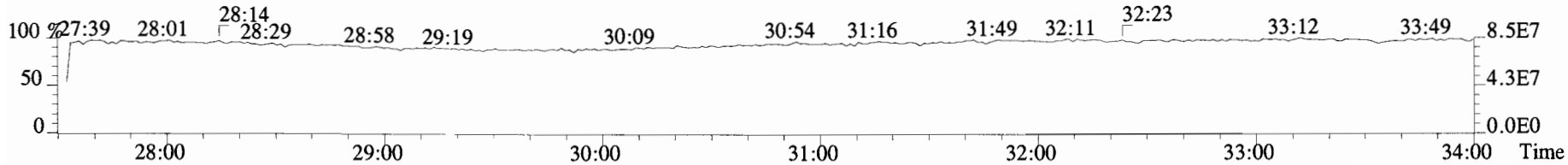
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63432.0,0.00%,F,F)



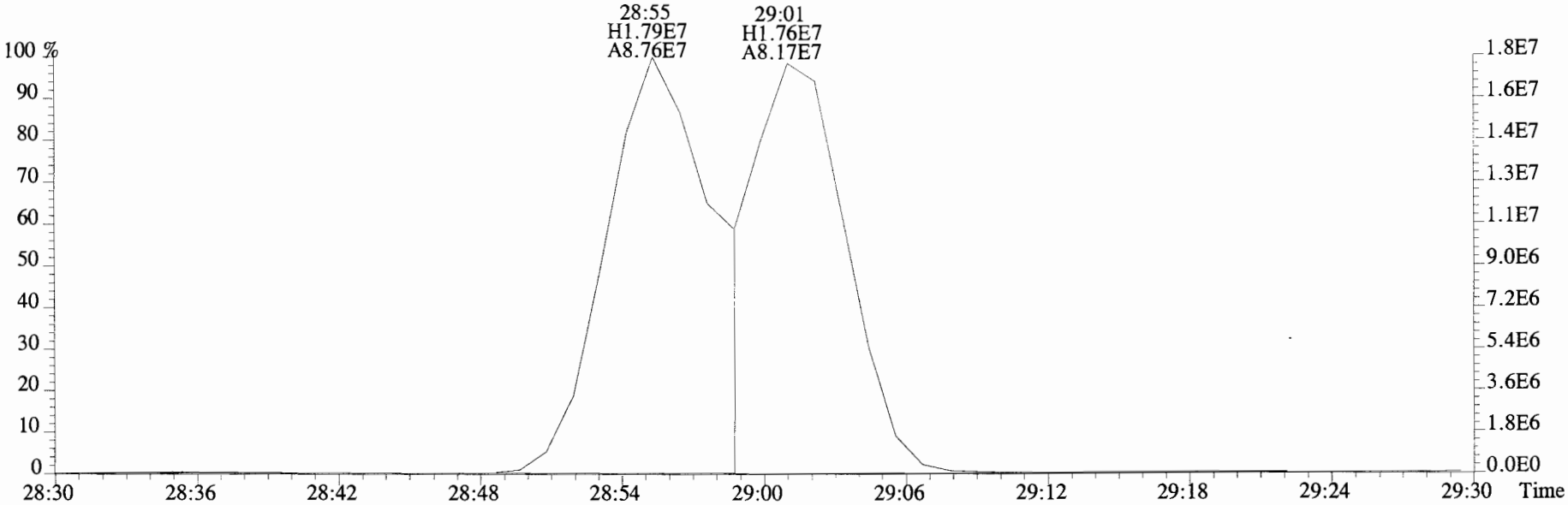
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25116.0,0.00%,F,F)



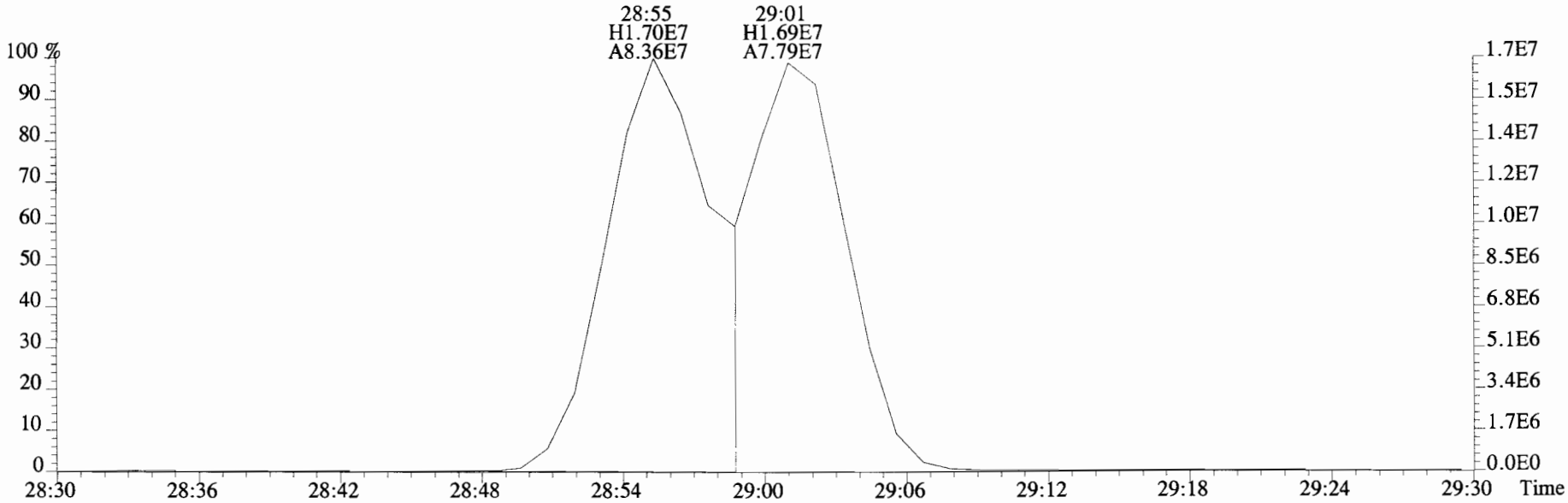
330.9792 S:6 F:3



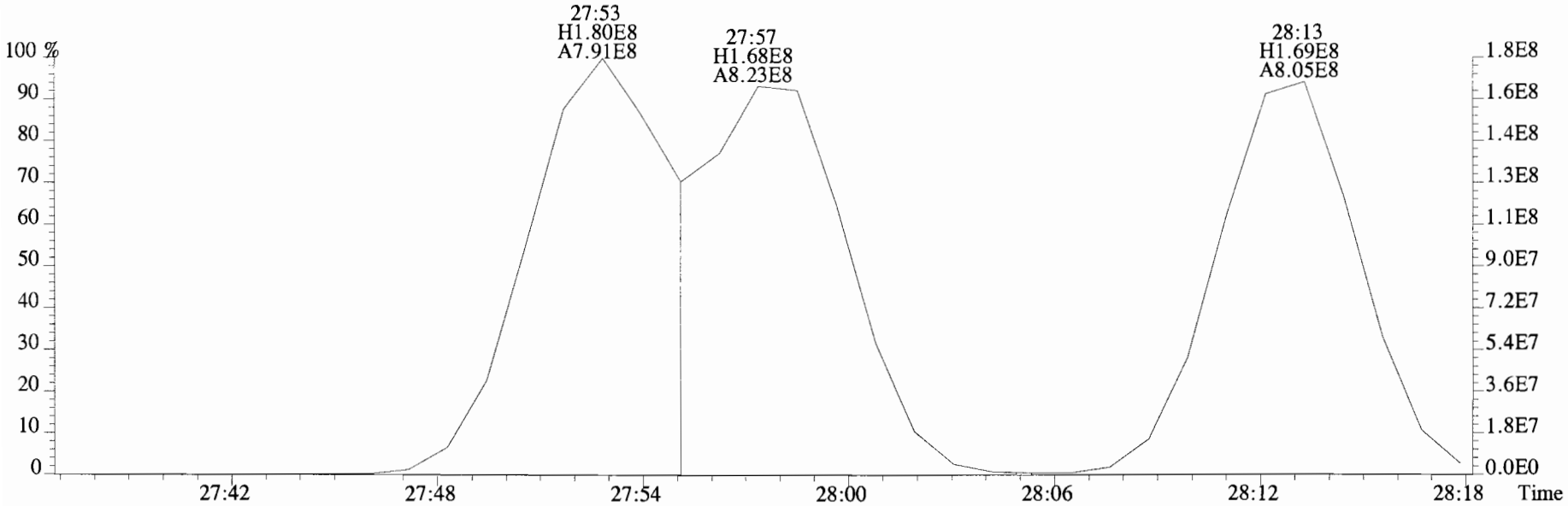
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63432.0,0.00%,F,F)



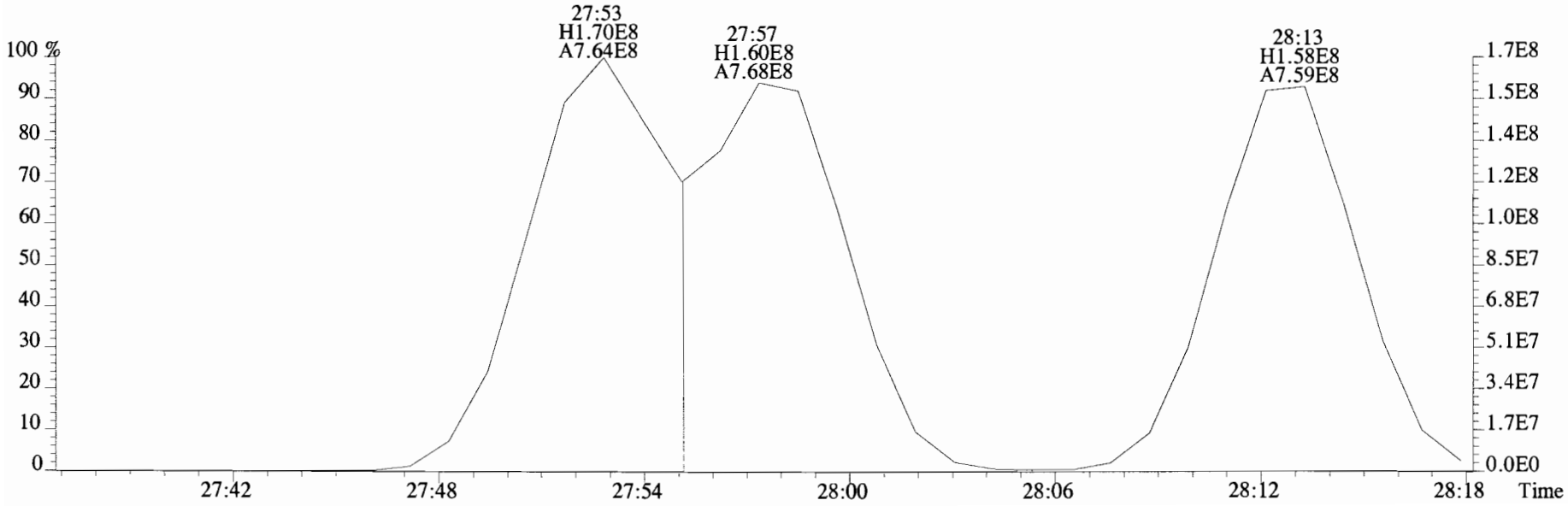
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25116.0,0.00%,F,F)



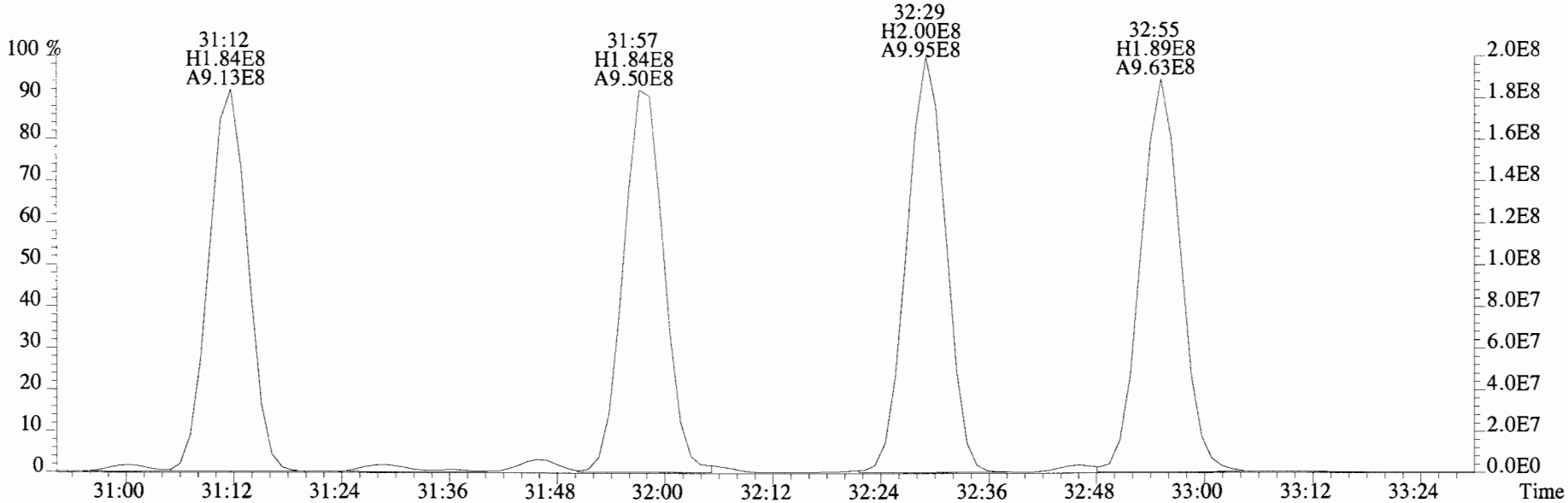
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



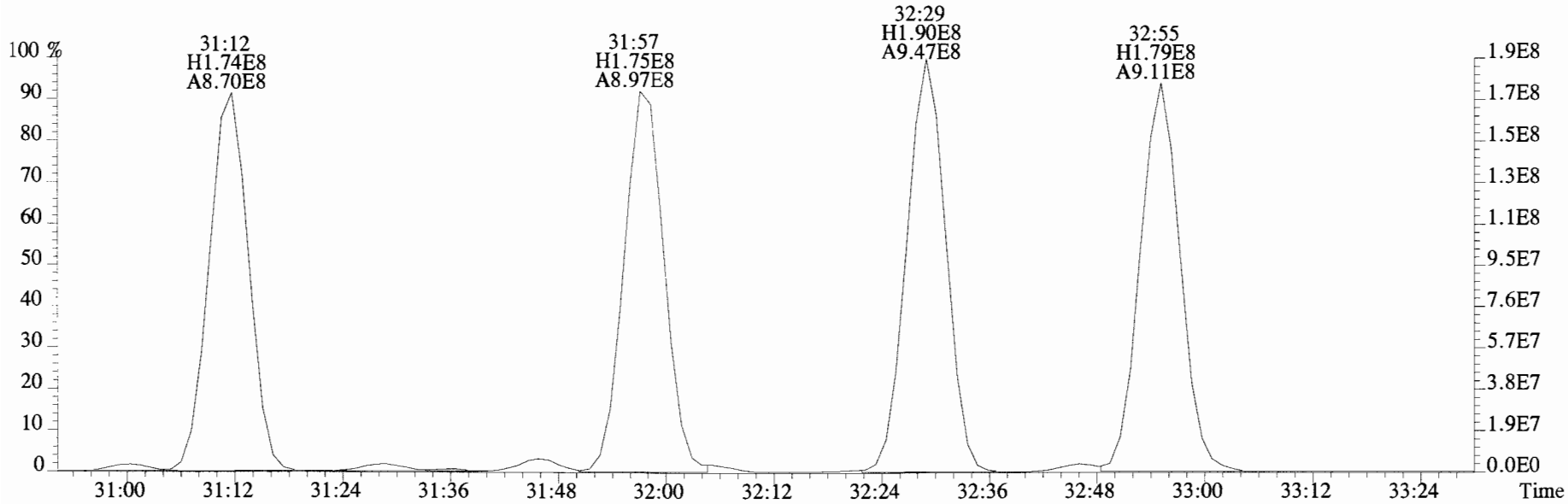
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



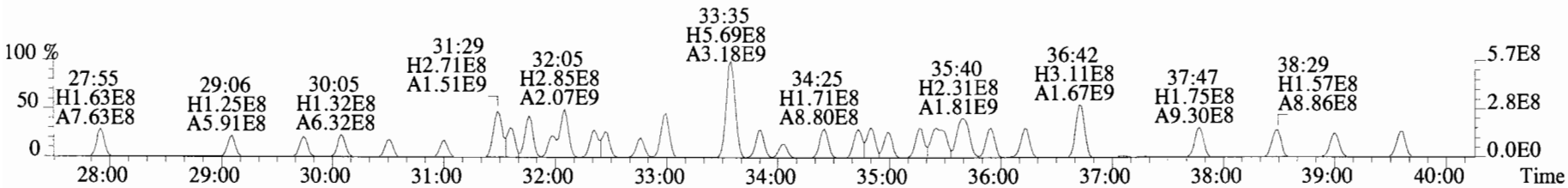
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,213976.0,0.00%,F,F)



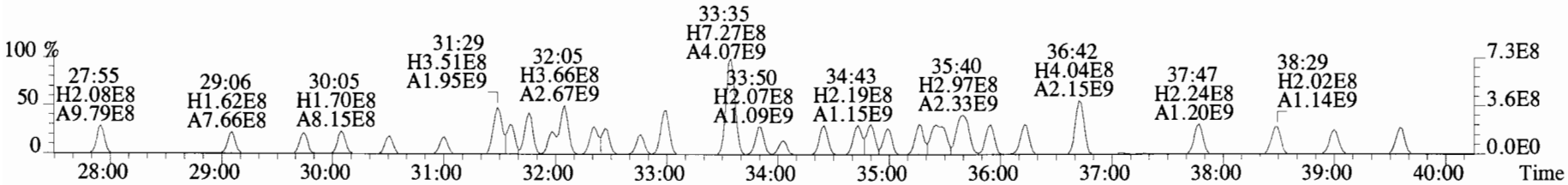
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176416.0,0.00%,F,F)



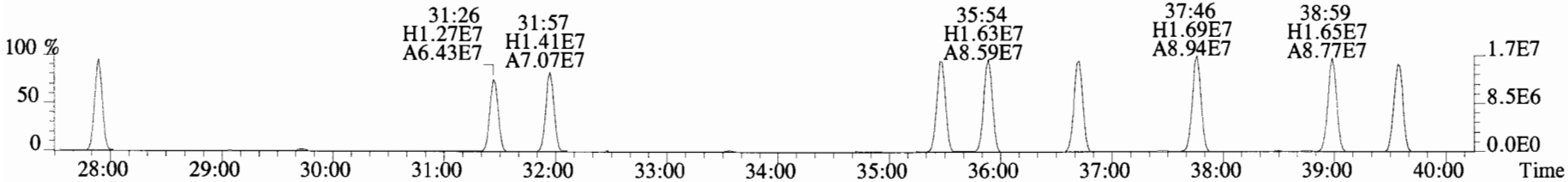
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



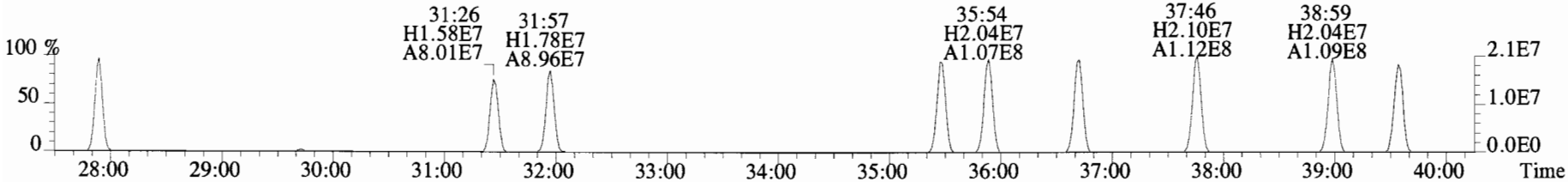
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



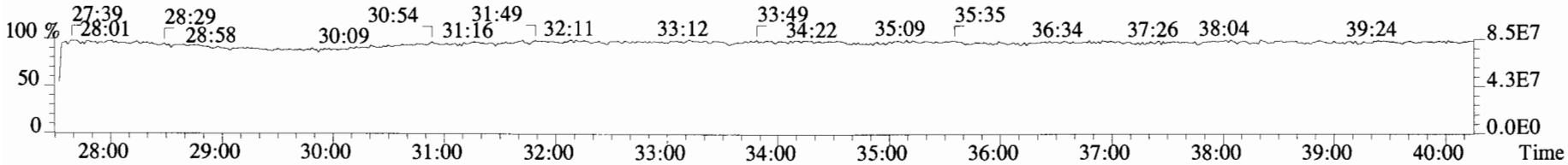
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



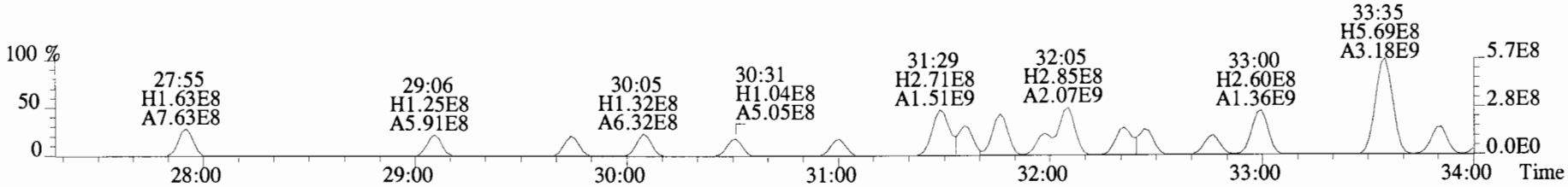
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



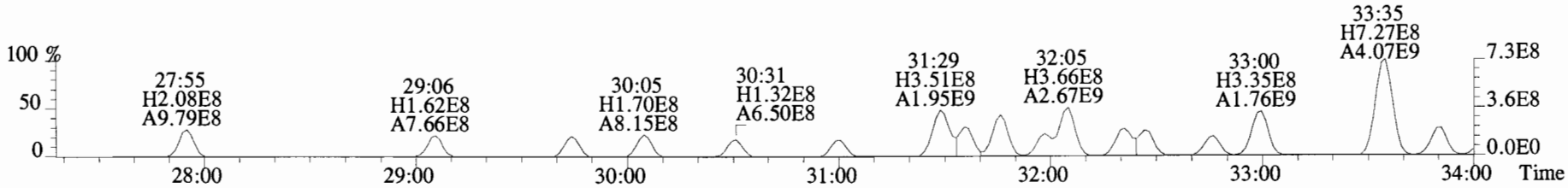
330.9792 S:6 F:3



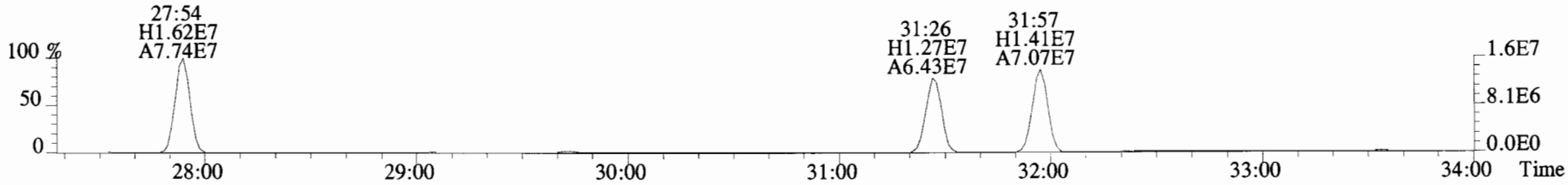
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



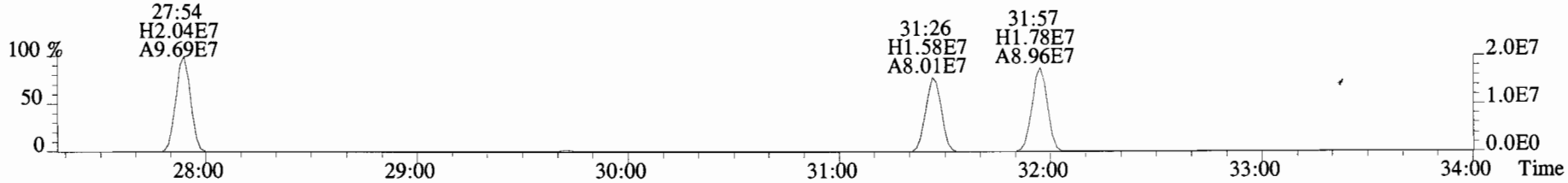
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



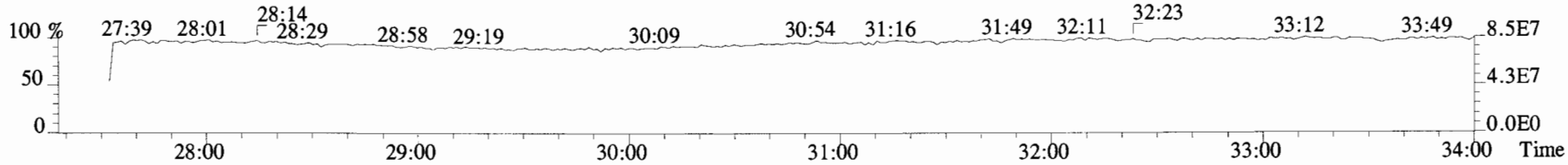
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



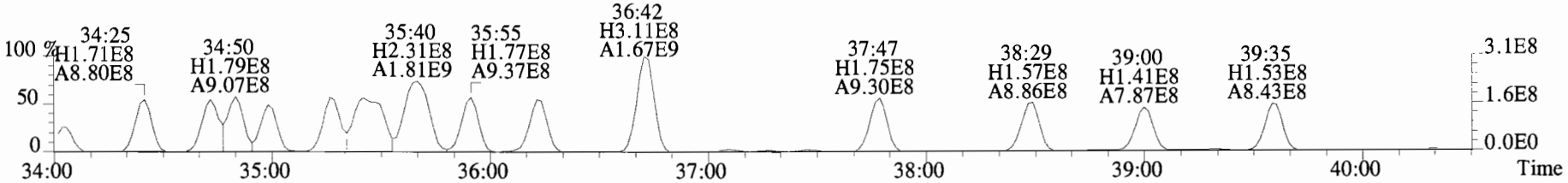
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



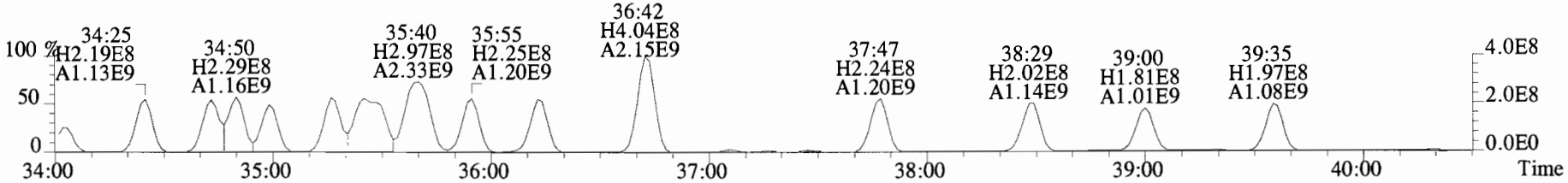
330.9792 S:6 F:3



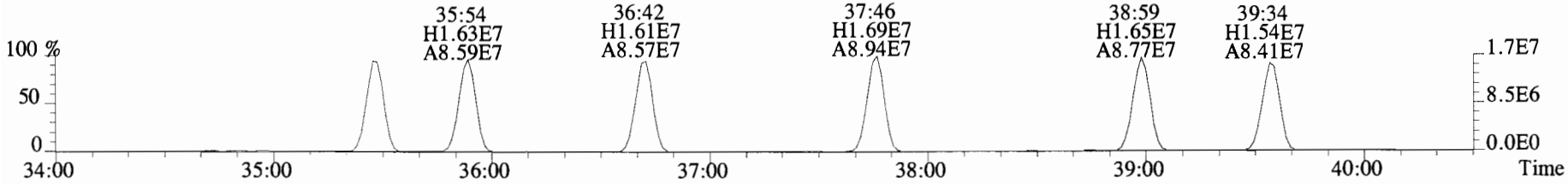
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



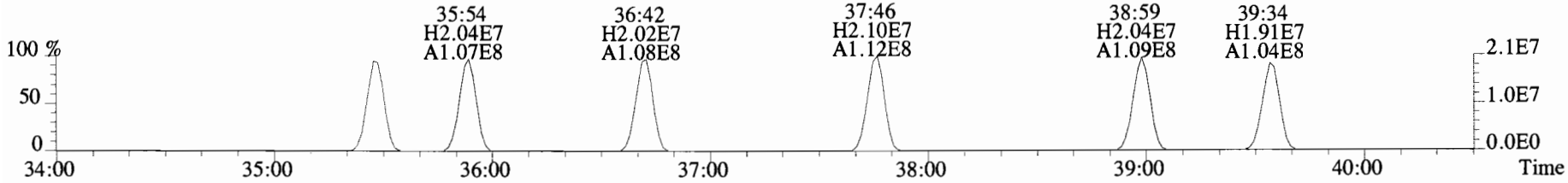
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



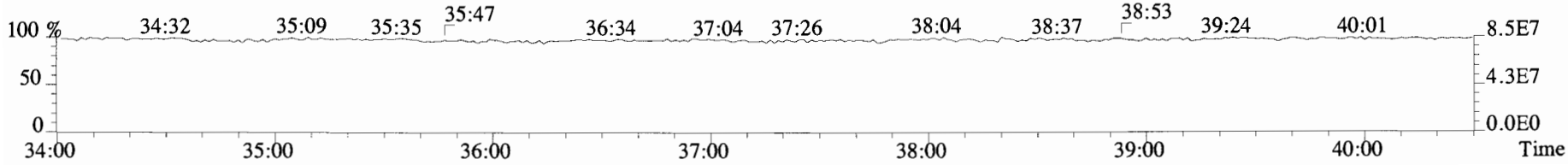
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



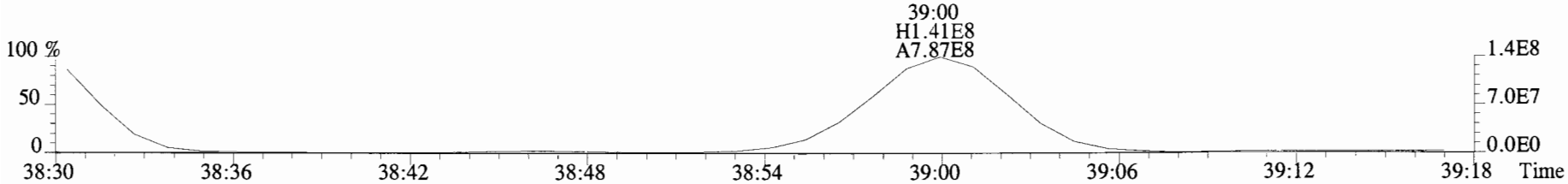
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



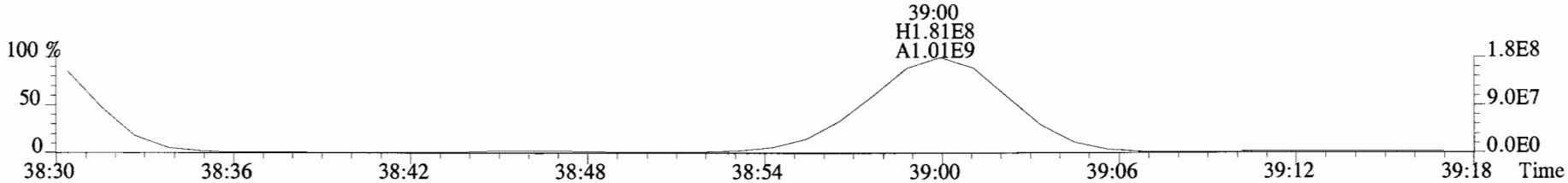
330.9792 S:6 F:3



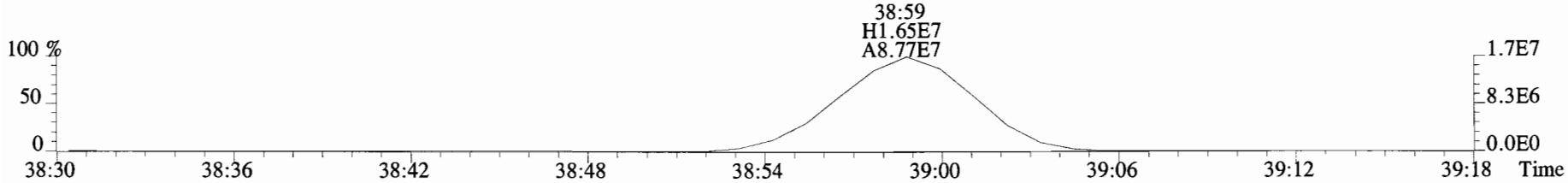
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



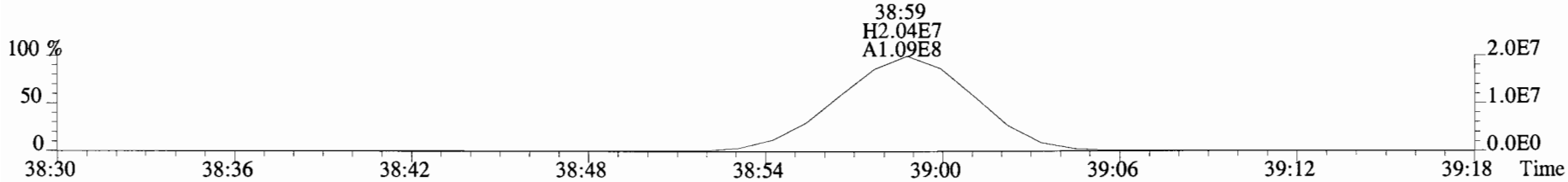
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



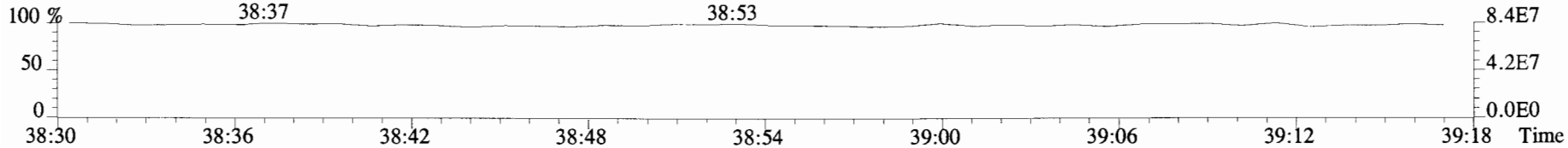
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



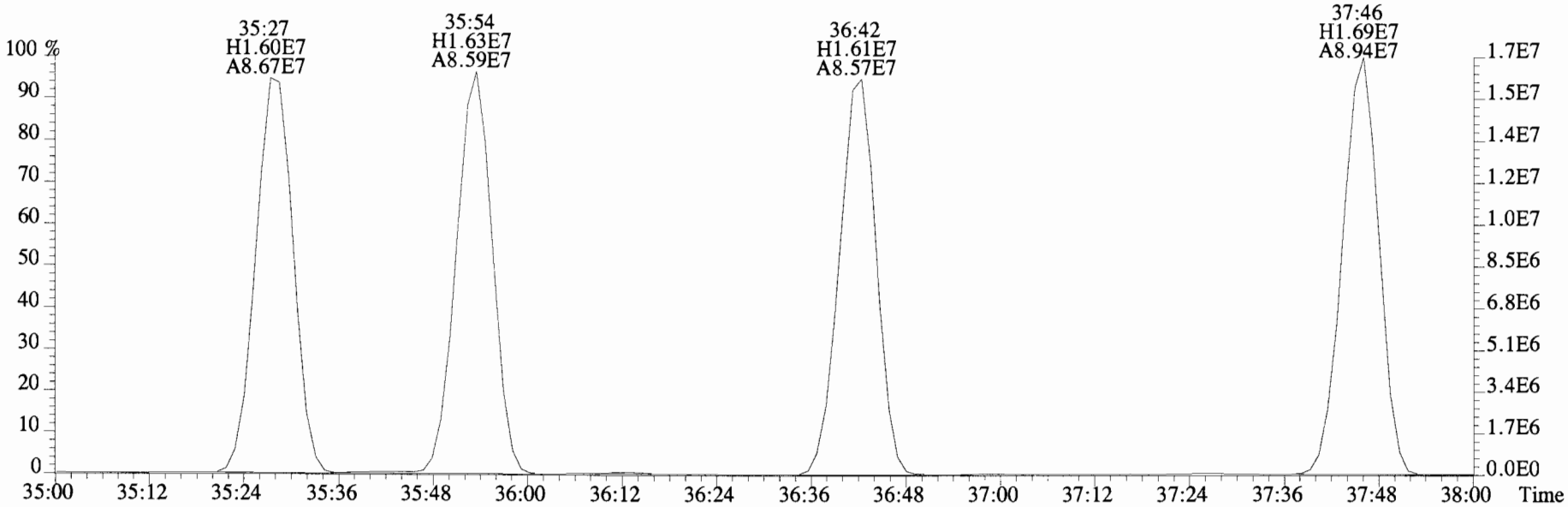
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



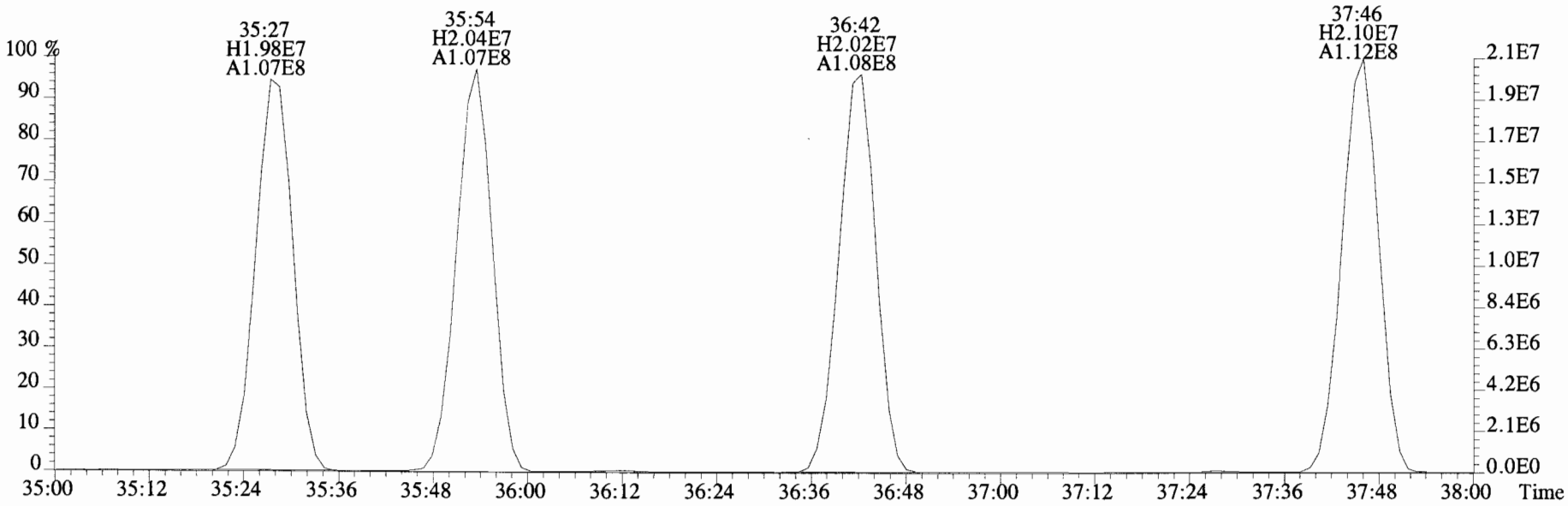
330.9792 S:6 F:3



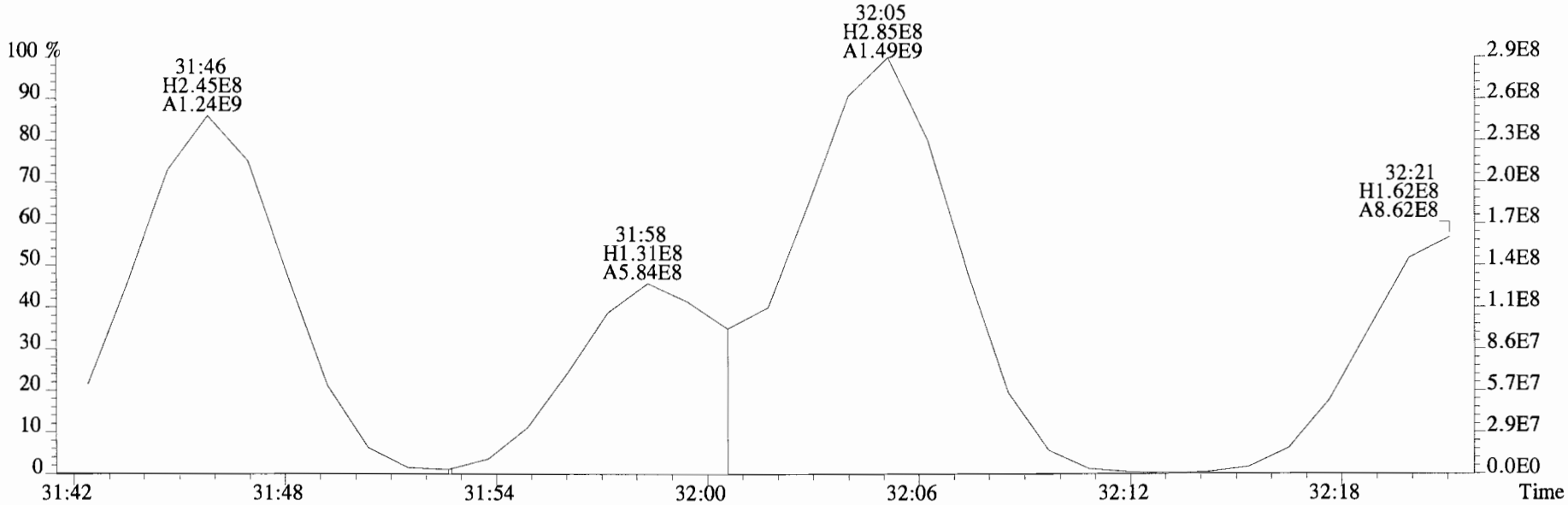
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35976.0,0.00%,F,F)



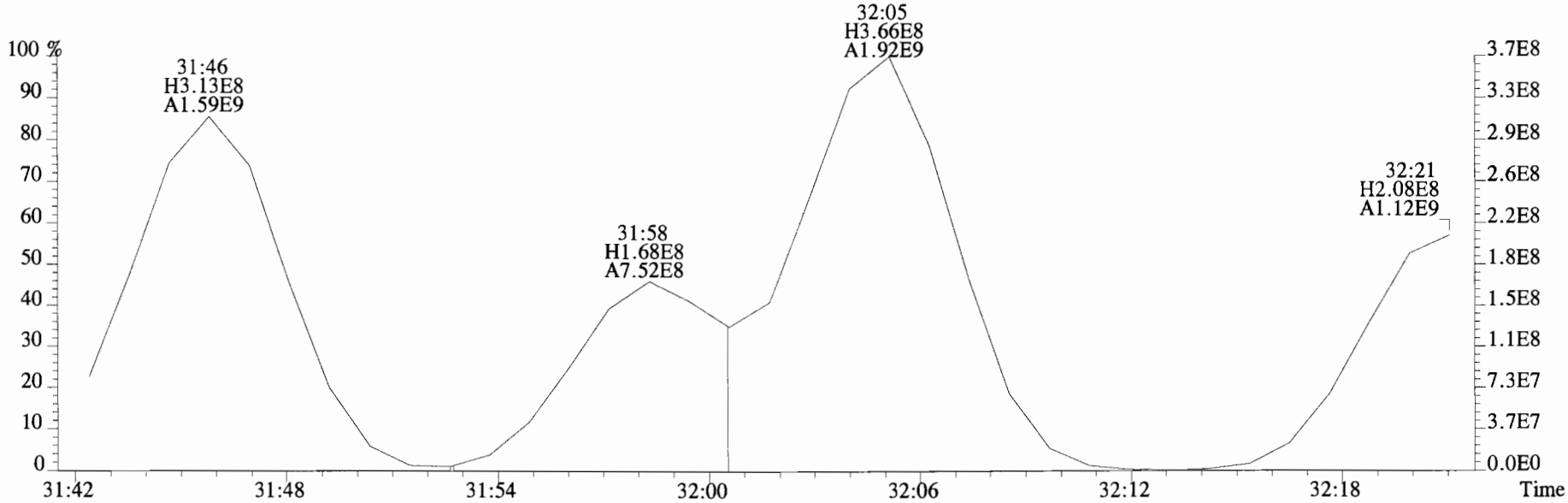
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23044.0,0.00%,F,F)



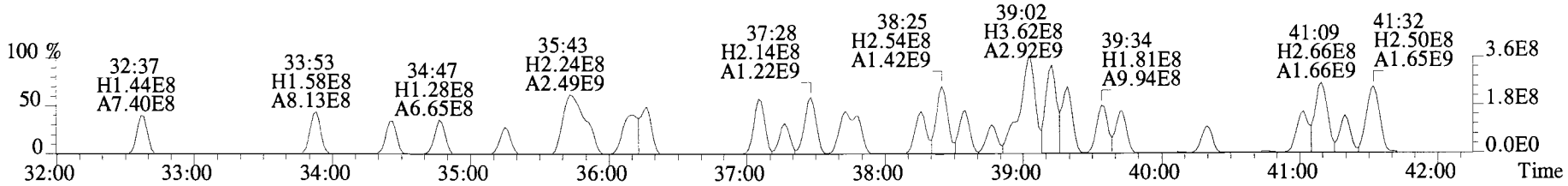
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,258380.0,0.00%,F,F)



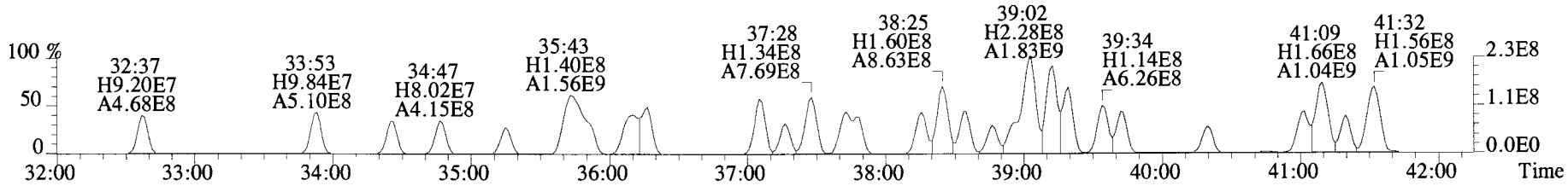
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,148624.0,0.00%,F,F)



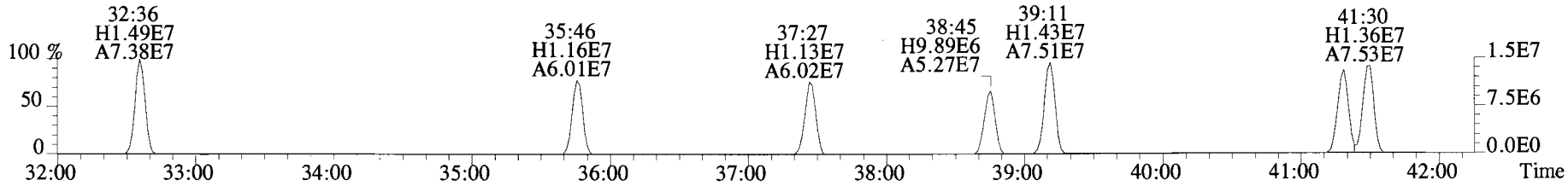
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



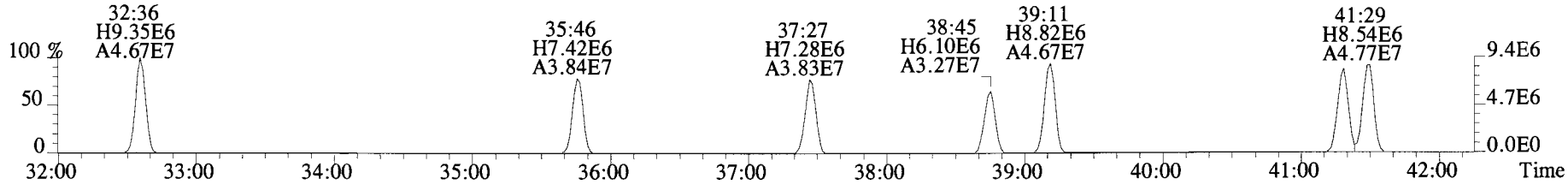
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



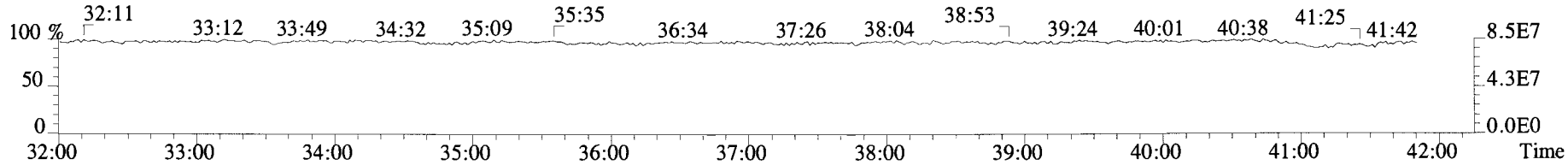
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)

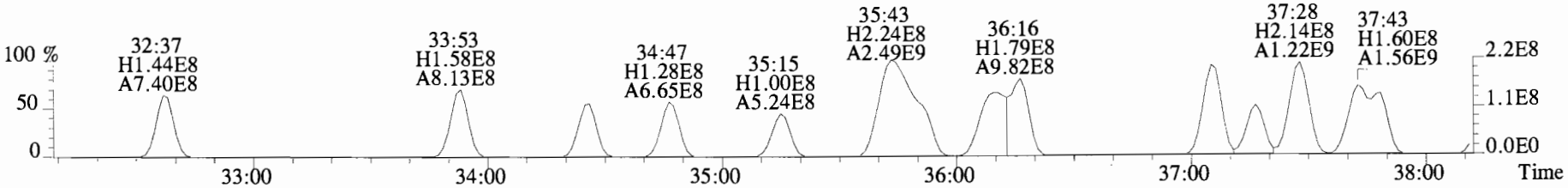


330.9792 S:6 F:3

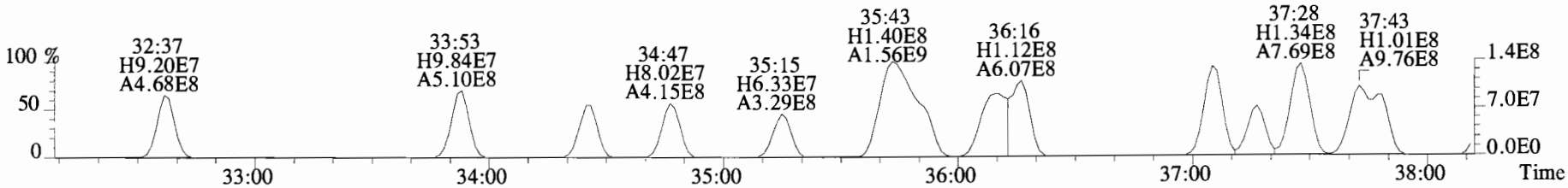


File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1

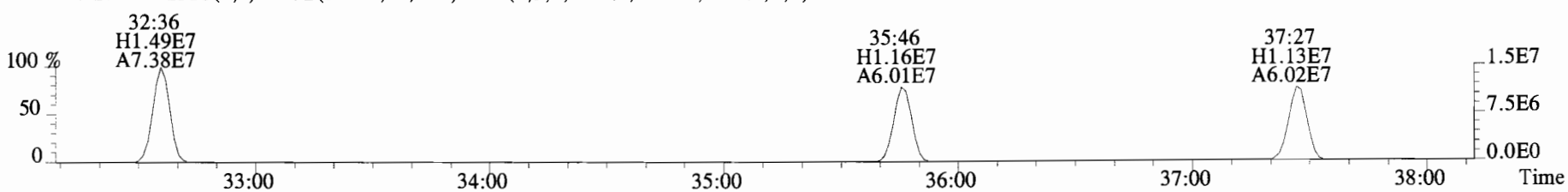
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



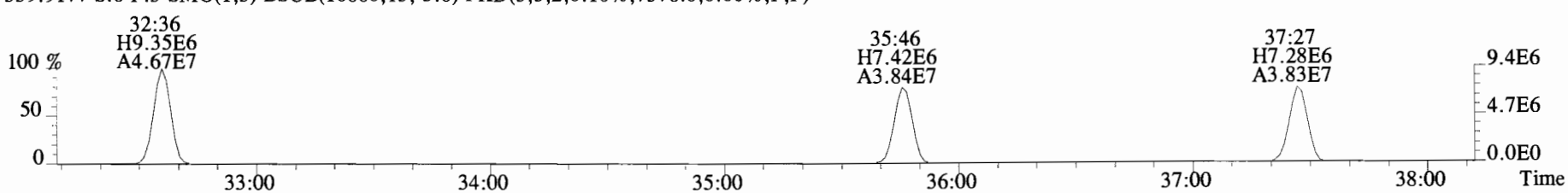
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



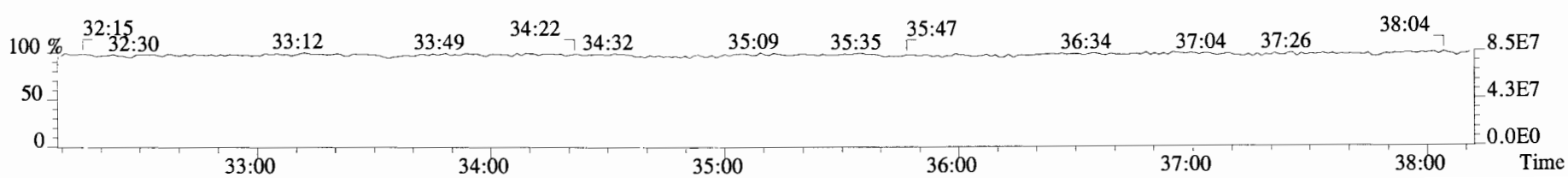
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



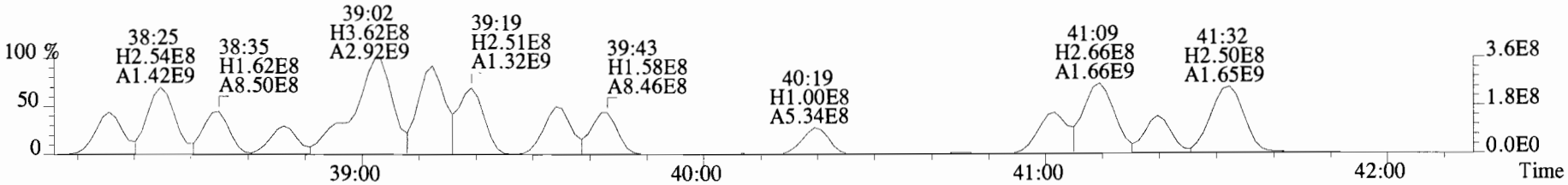
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



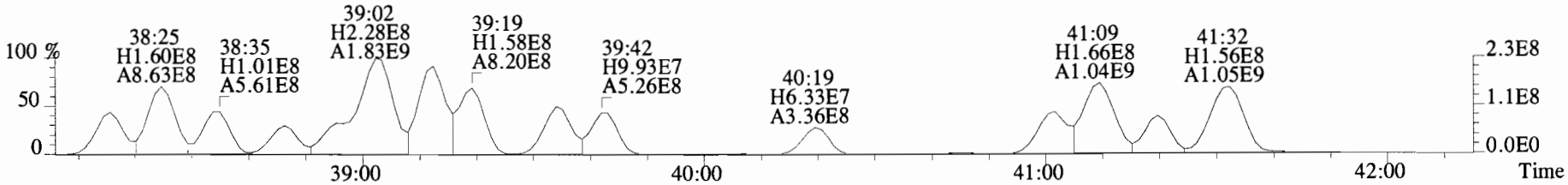
330.9792 S:6 F:3



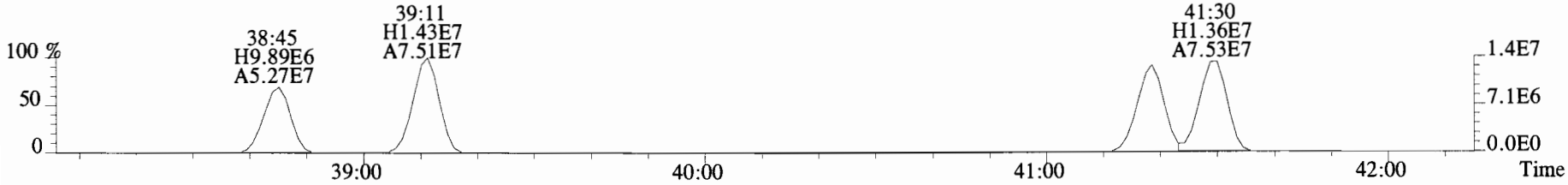
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



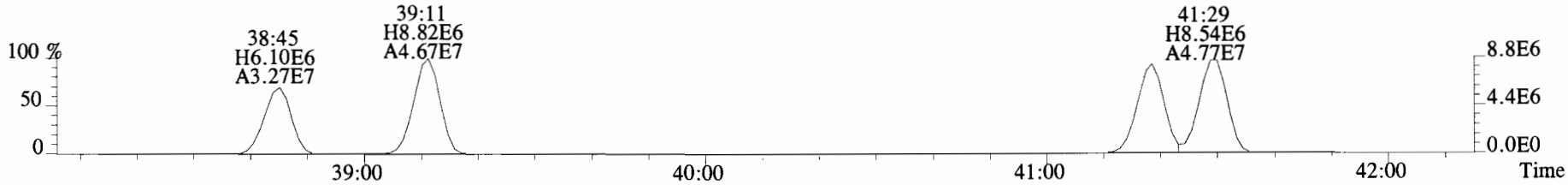
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



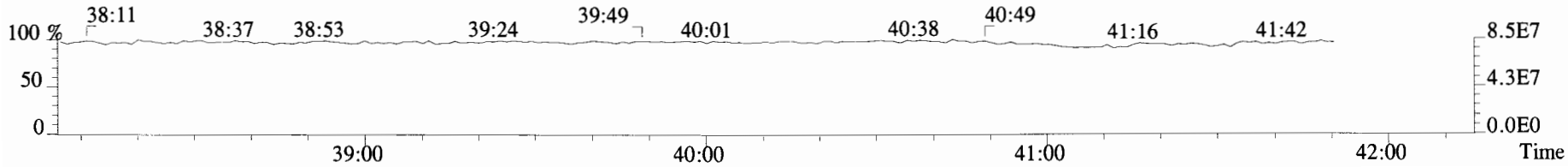
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



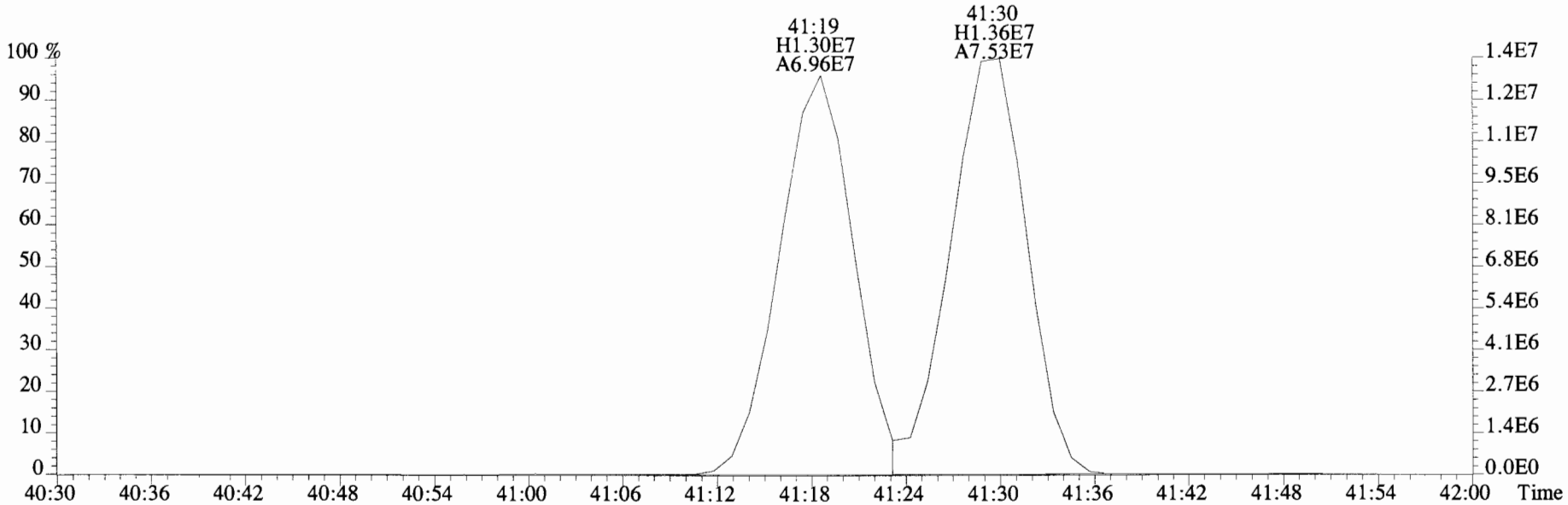
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



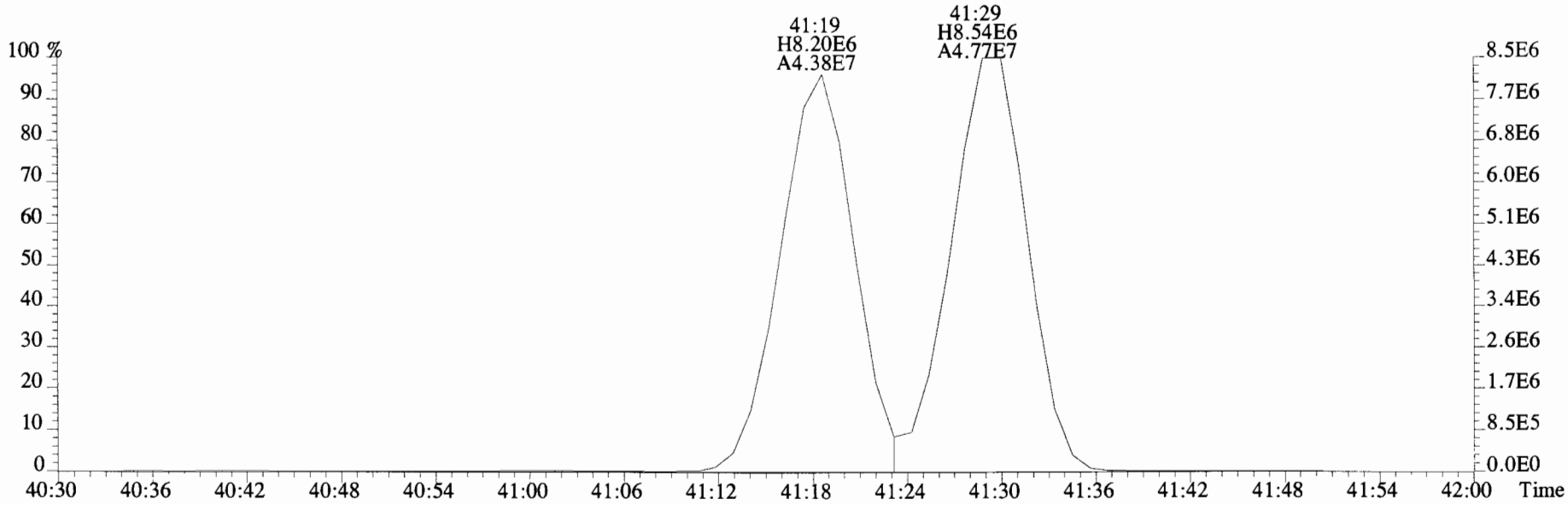
330.9792 S:6 F:3



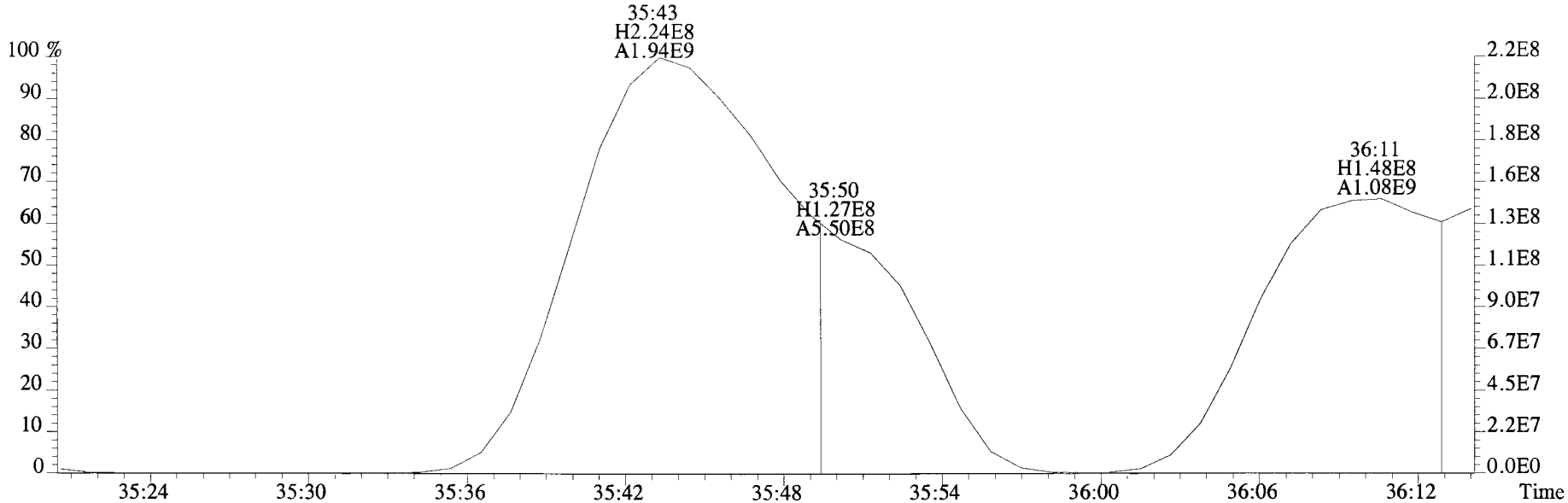
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7344.0,0.00%,F,F)



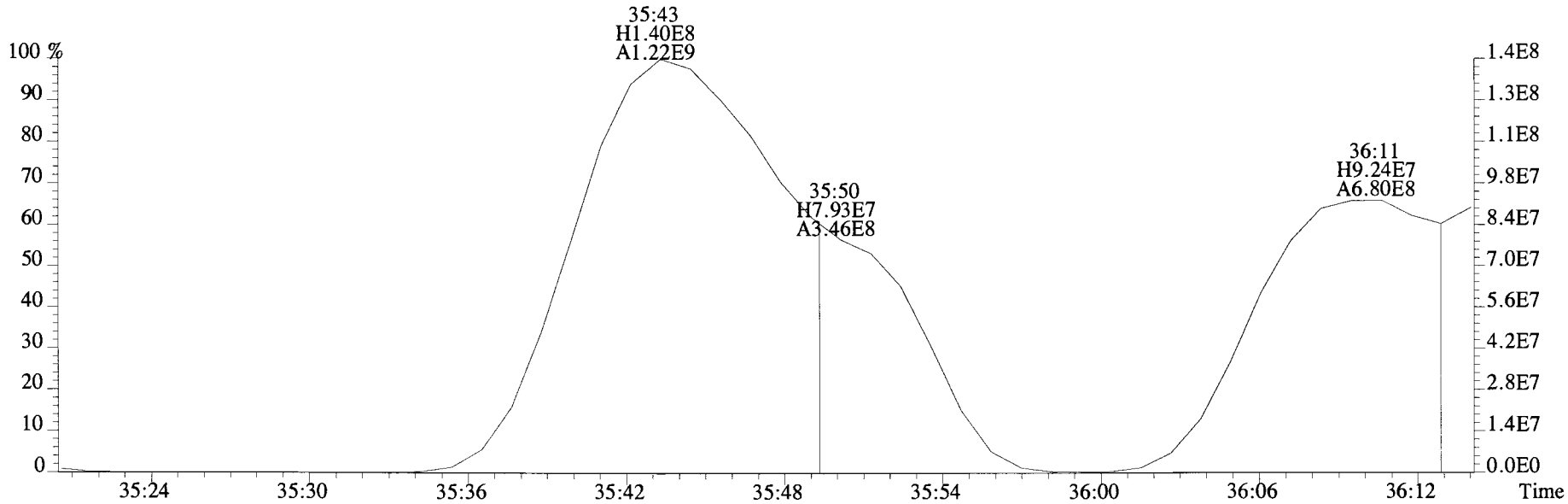
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



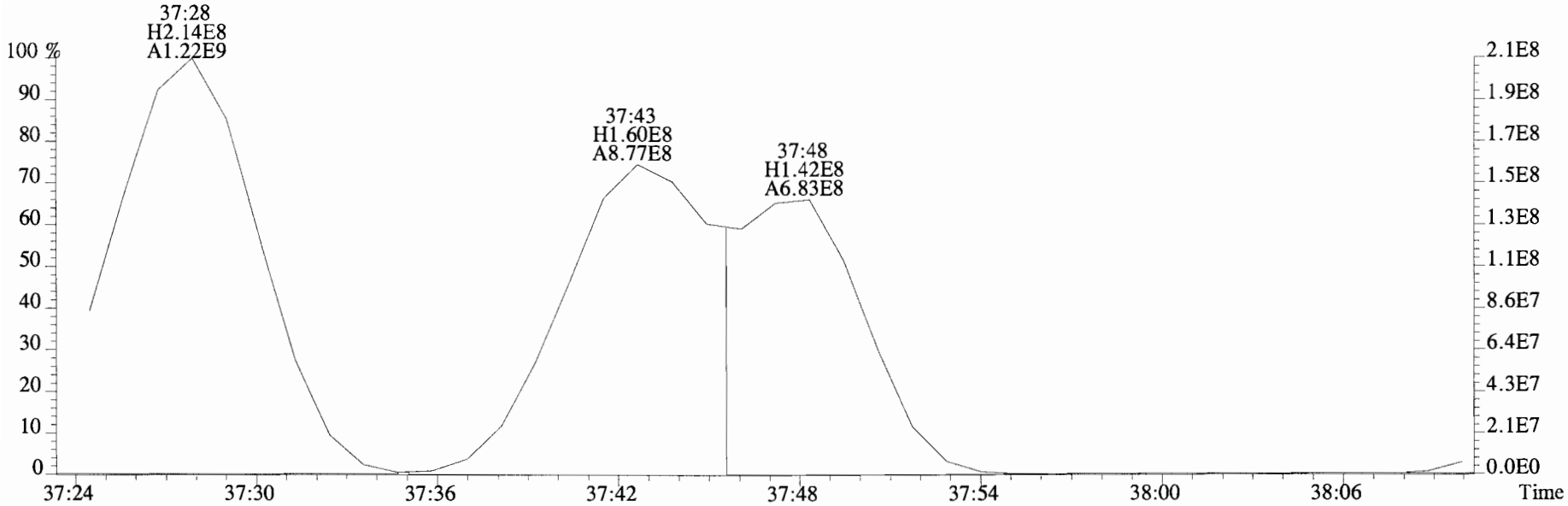
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



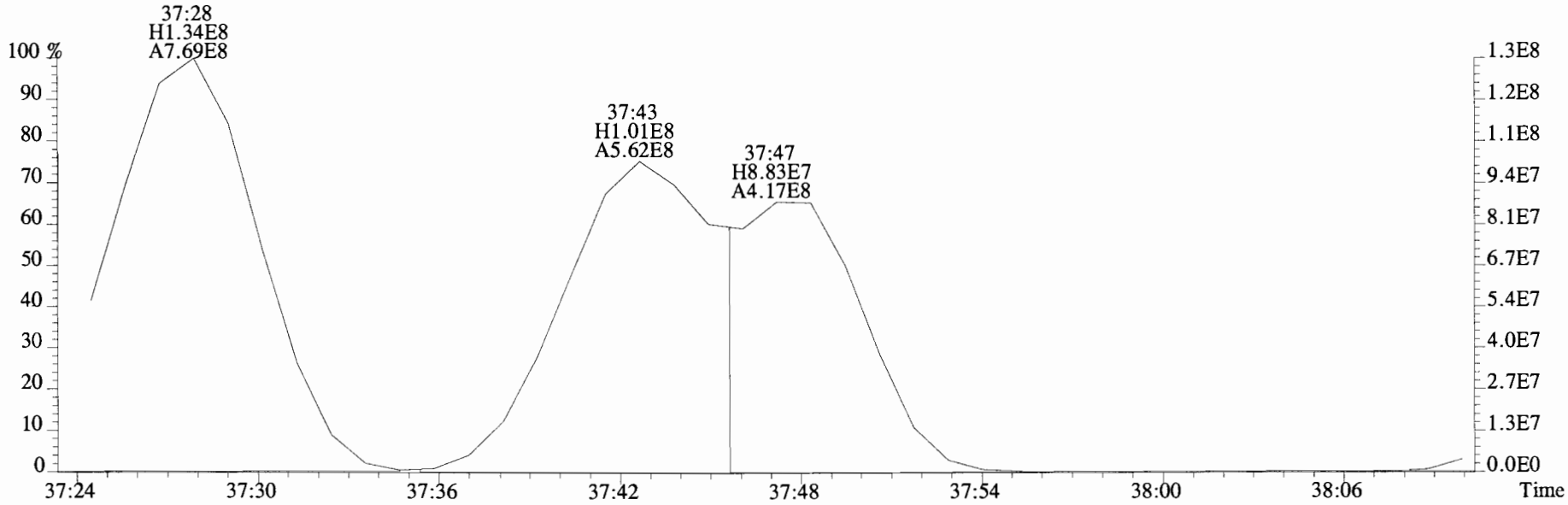
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



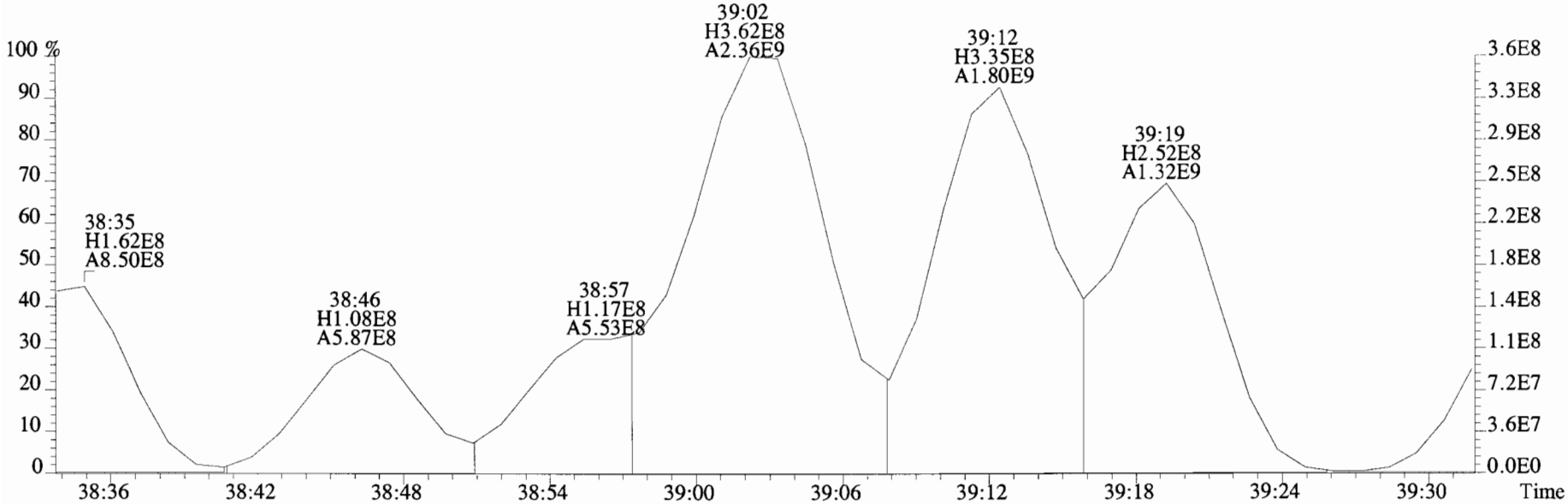
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



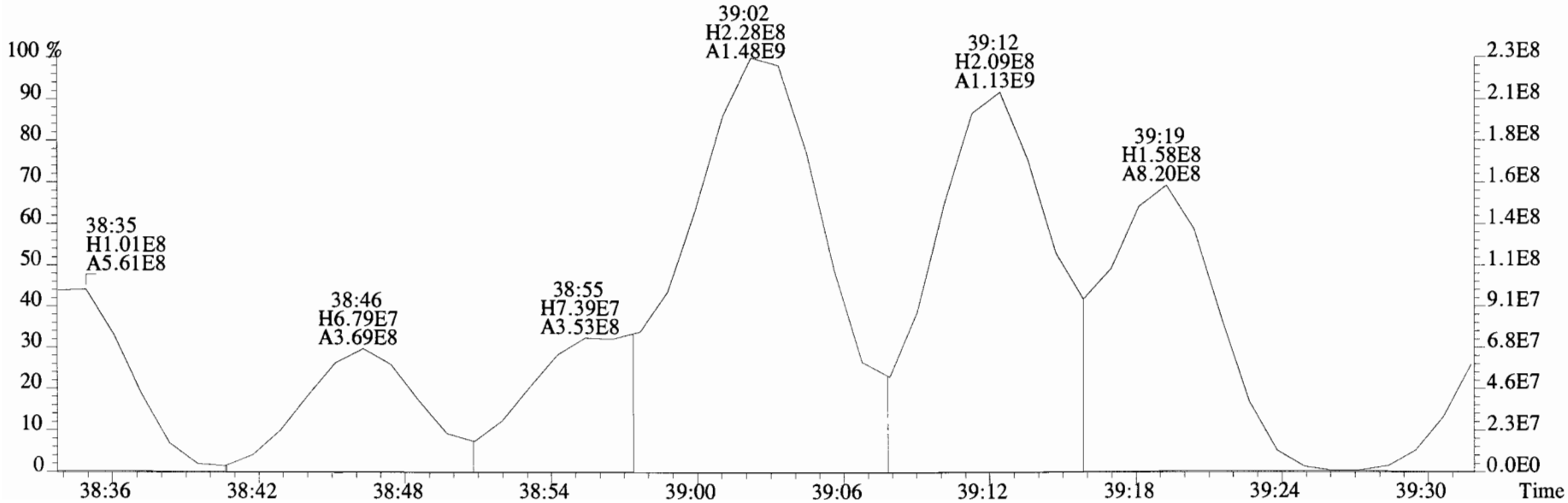
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



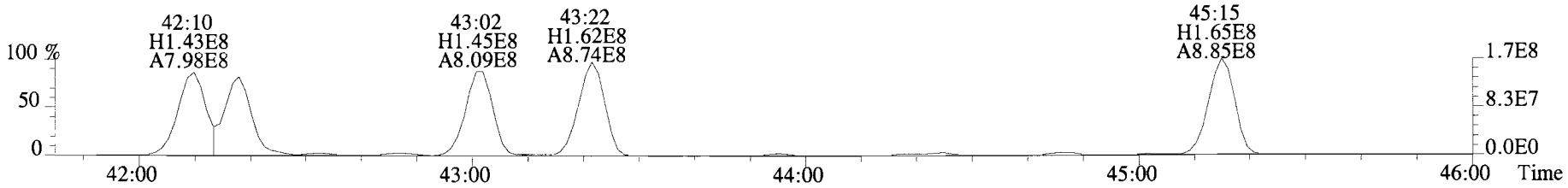
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12936.0,0.00%,F,F)



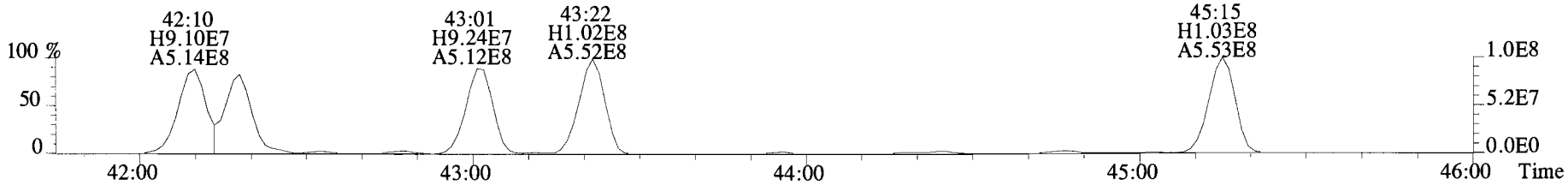
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6380.0,0.00%,F,F)



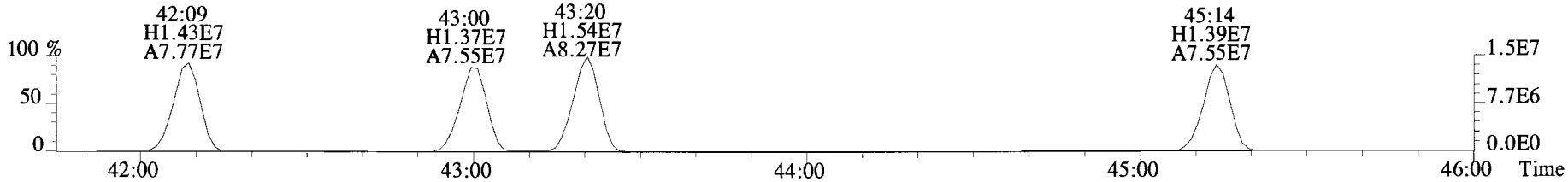
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,146716.0,0.00%,F,F)



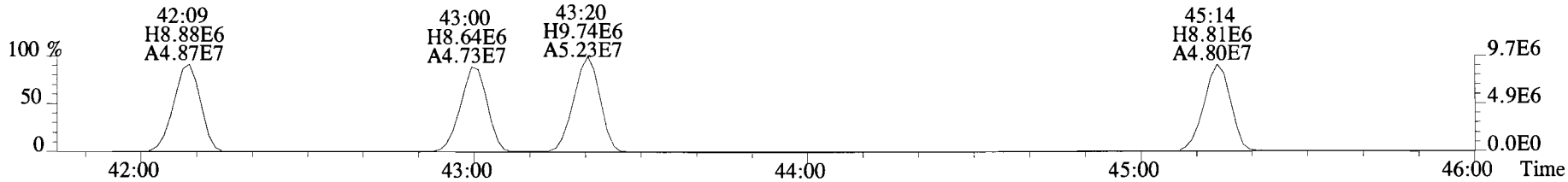
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99216.0,0.00%,F,F)



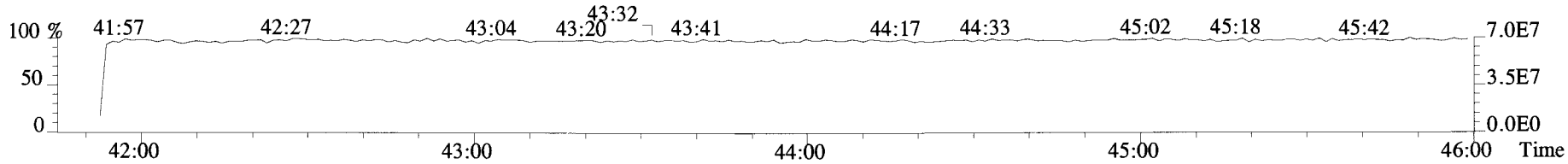
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10968.0,0.00%,F,F)



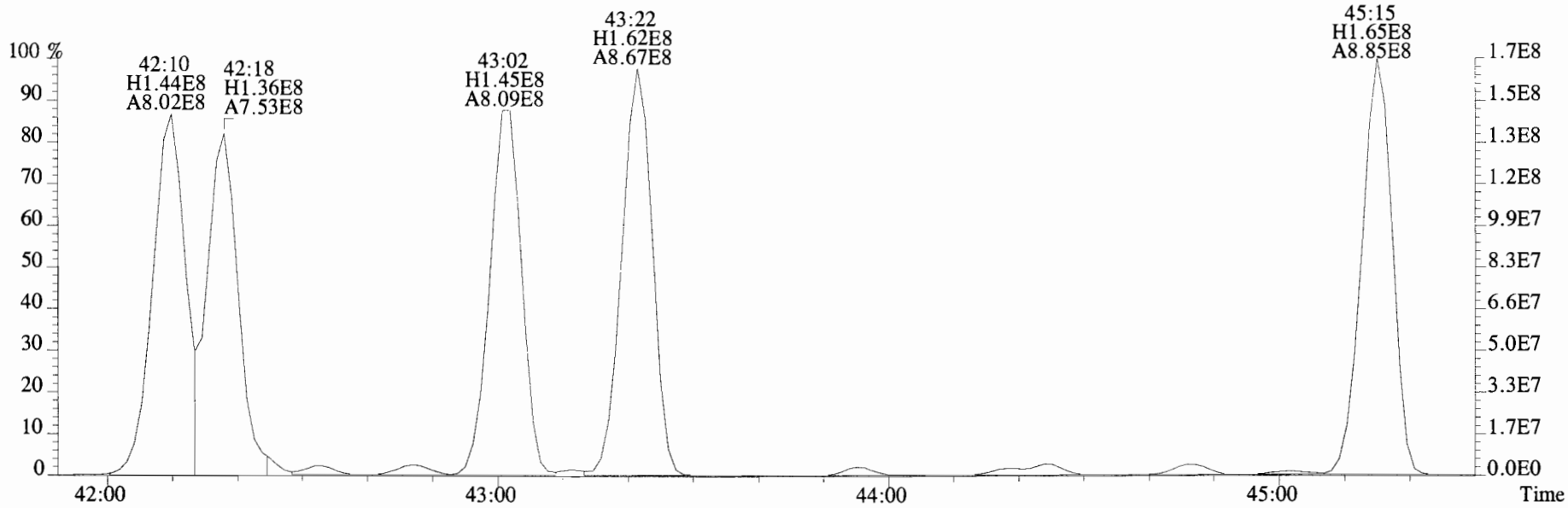
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8764.0,0.00%,F,F)



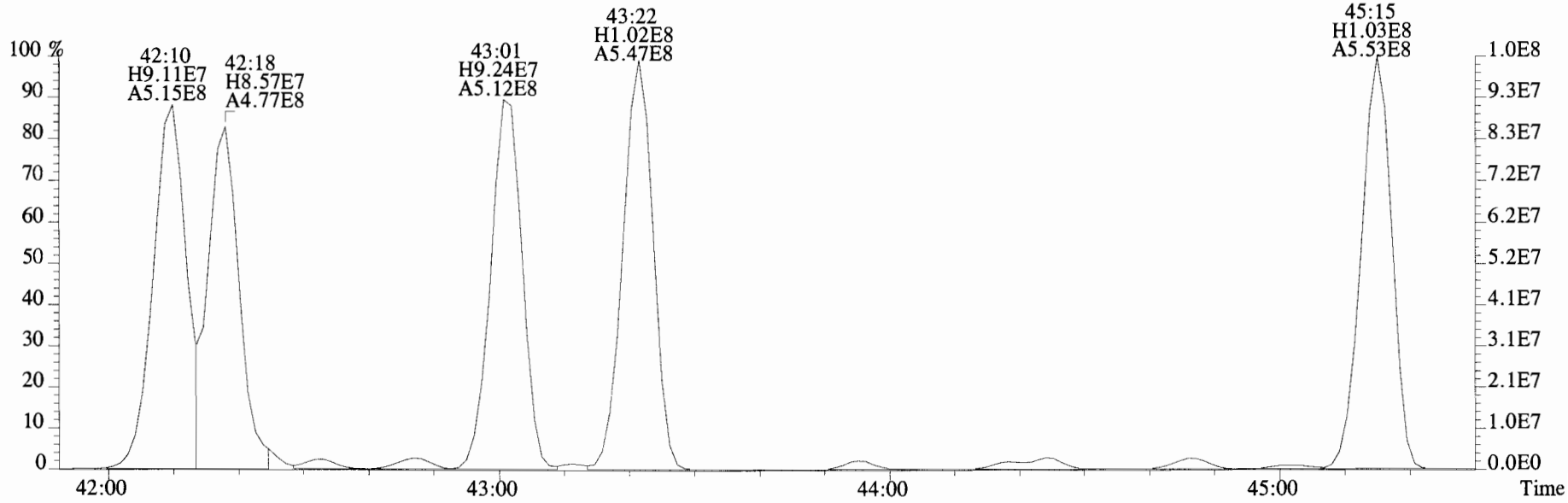
380.9760 S:6 F:4



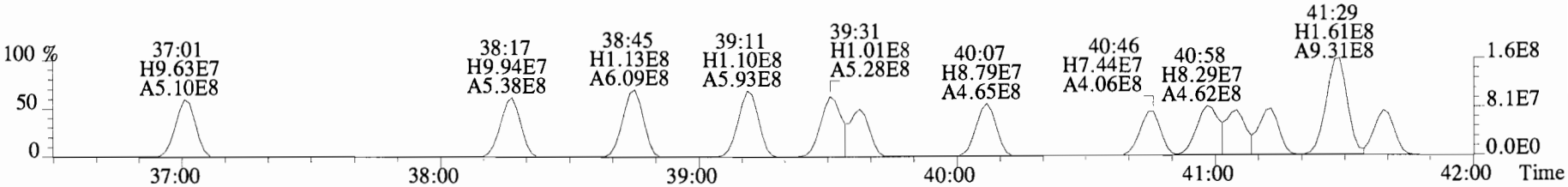
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,146716.0,0.00%,F,F)



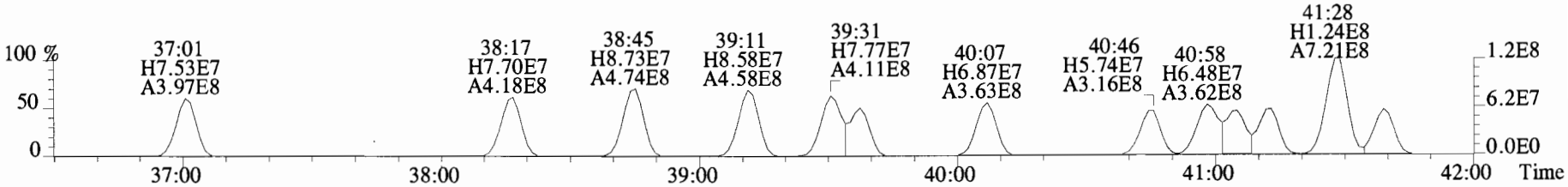
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99216.0,0.00%,F,F)



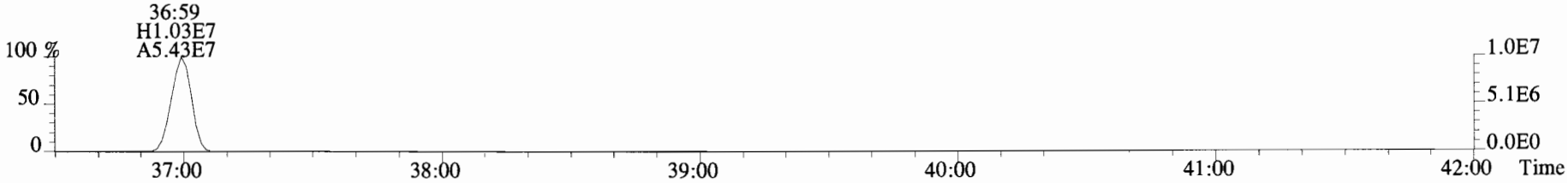
File:180208E1 #1-756 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6276.0,0.00%,F,F)



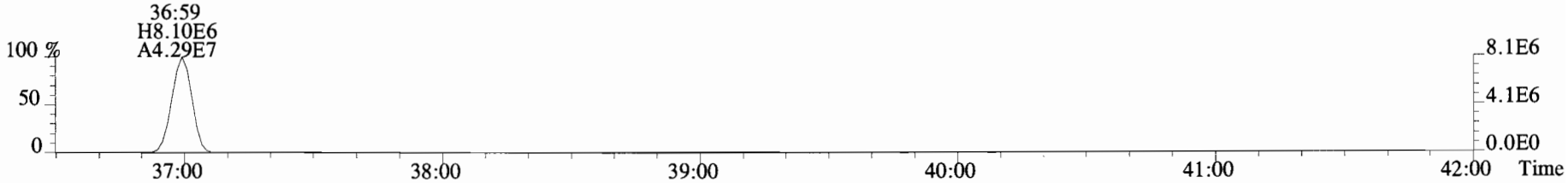
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6140.0,0.00%,F,F)



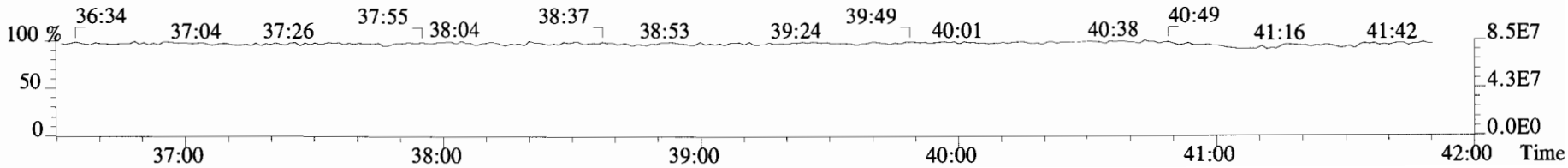
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



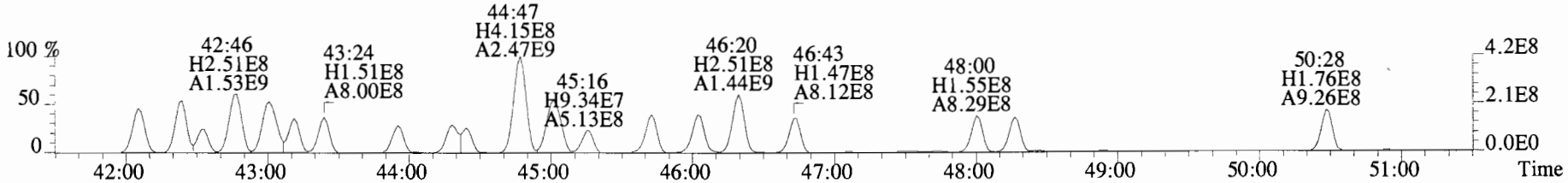
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6888.0,0.00%,F,F)



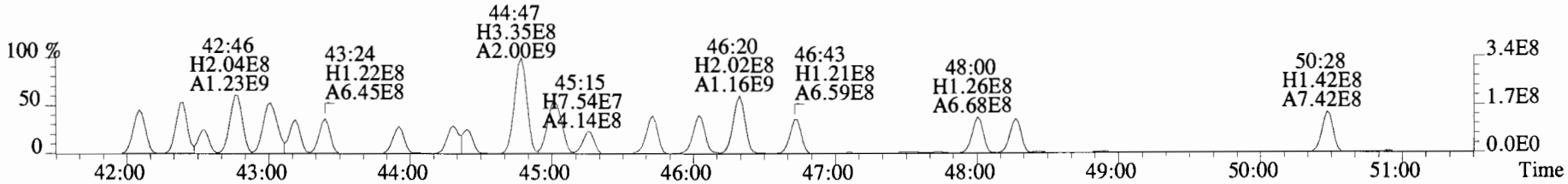
330.9792 S:6 F:3



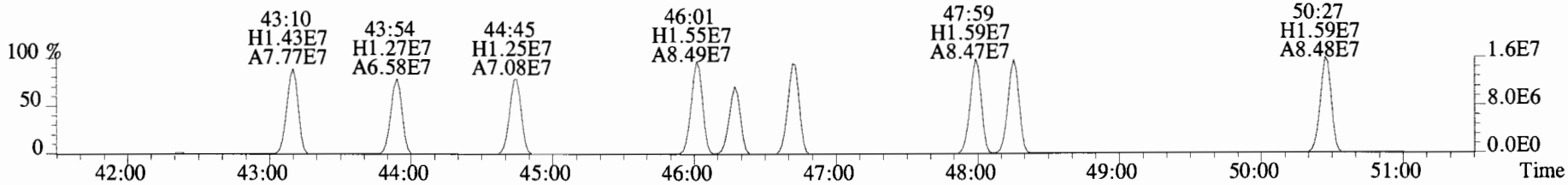
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



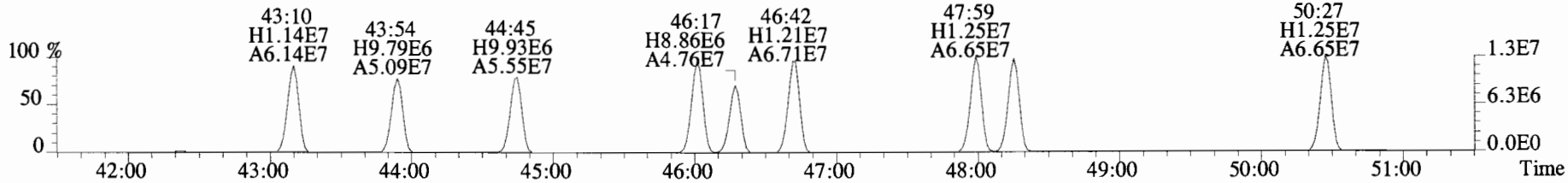
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



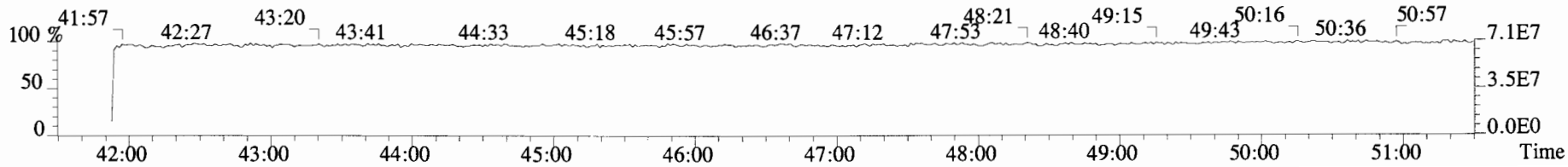
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



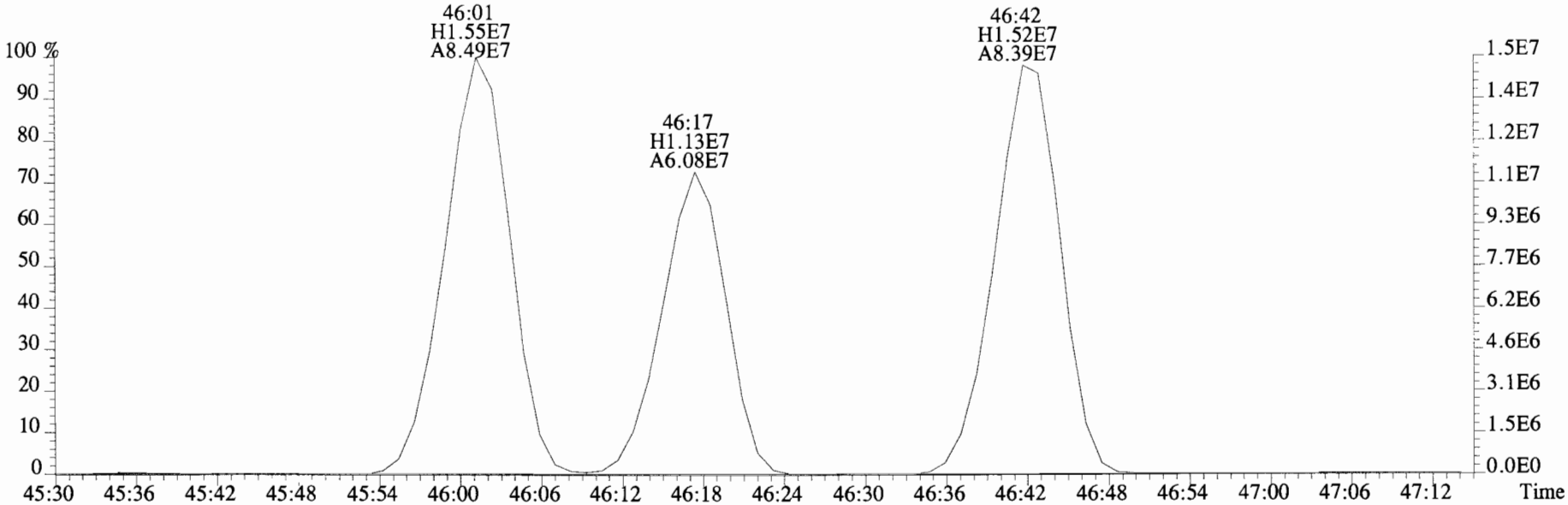
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



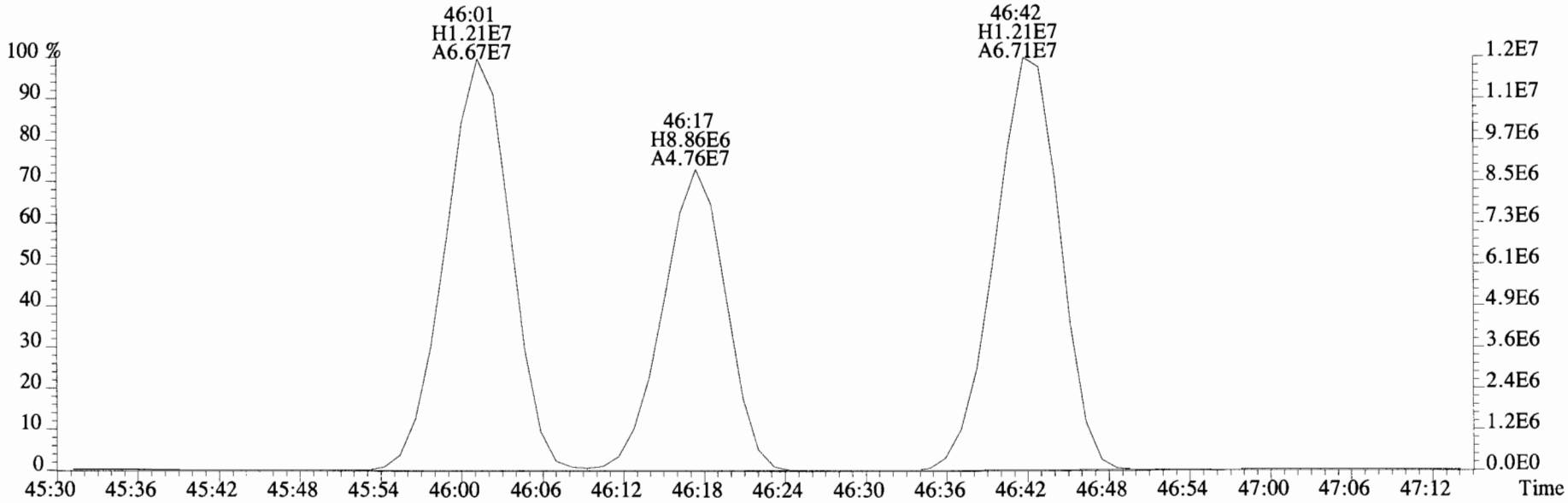
380.9760 S:6 F:4



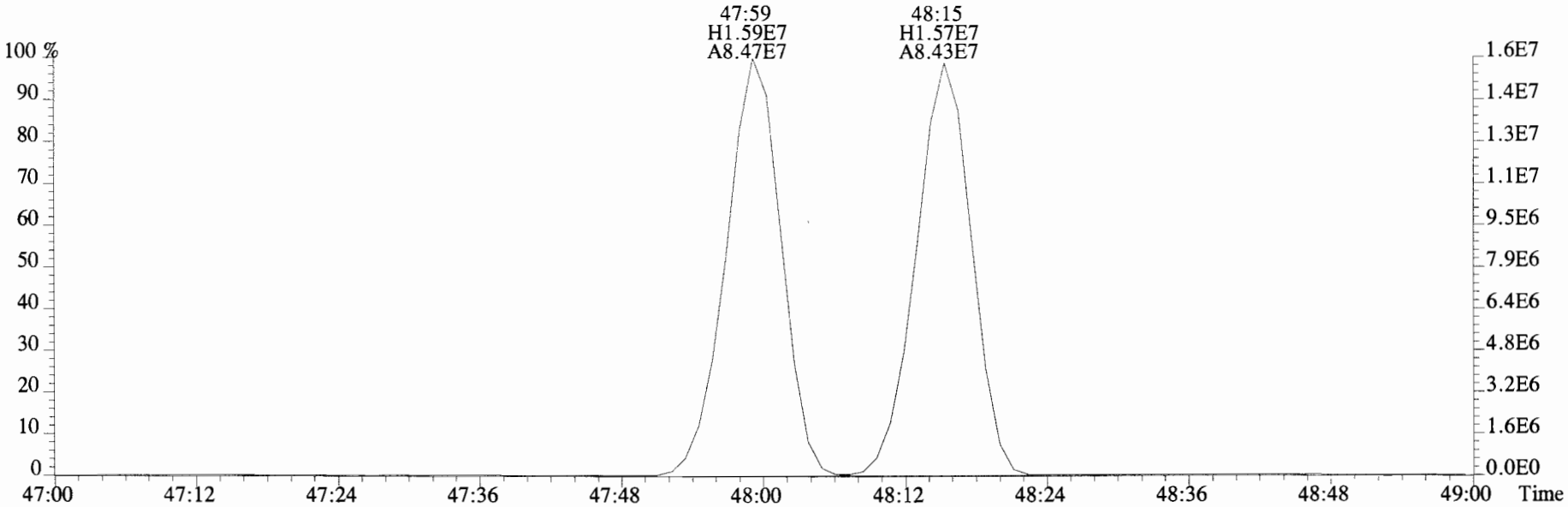
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



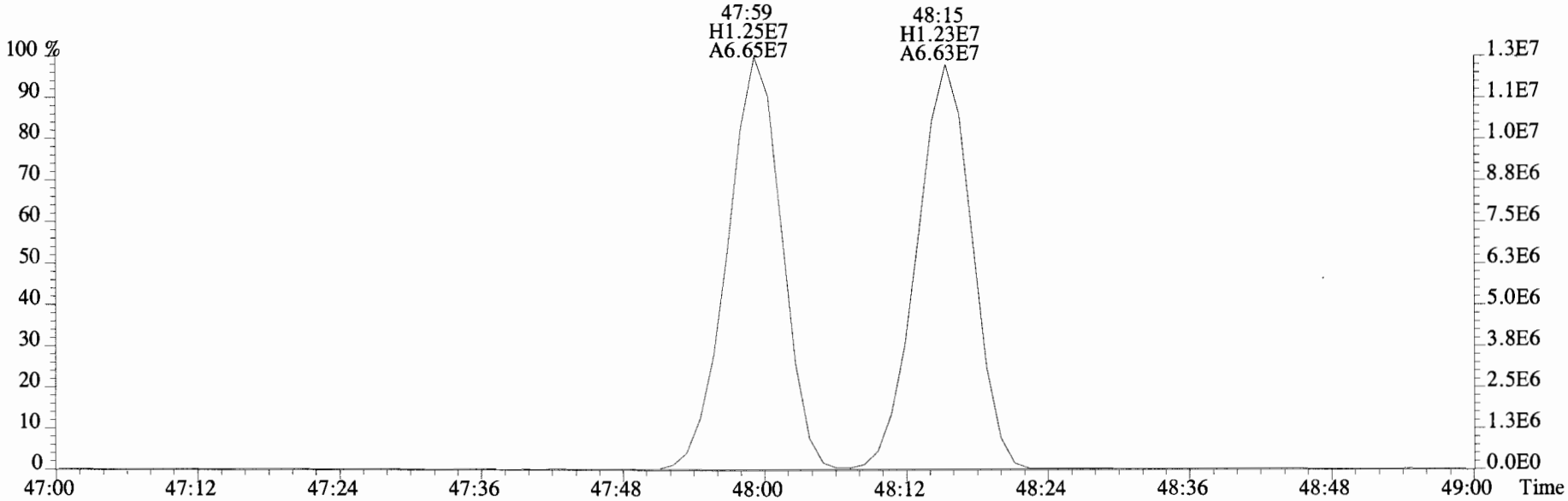
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



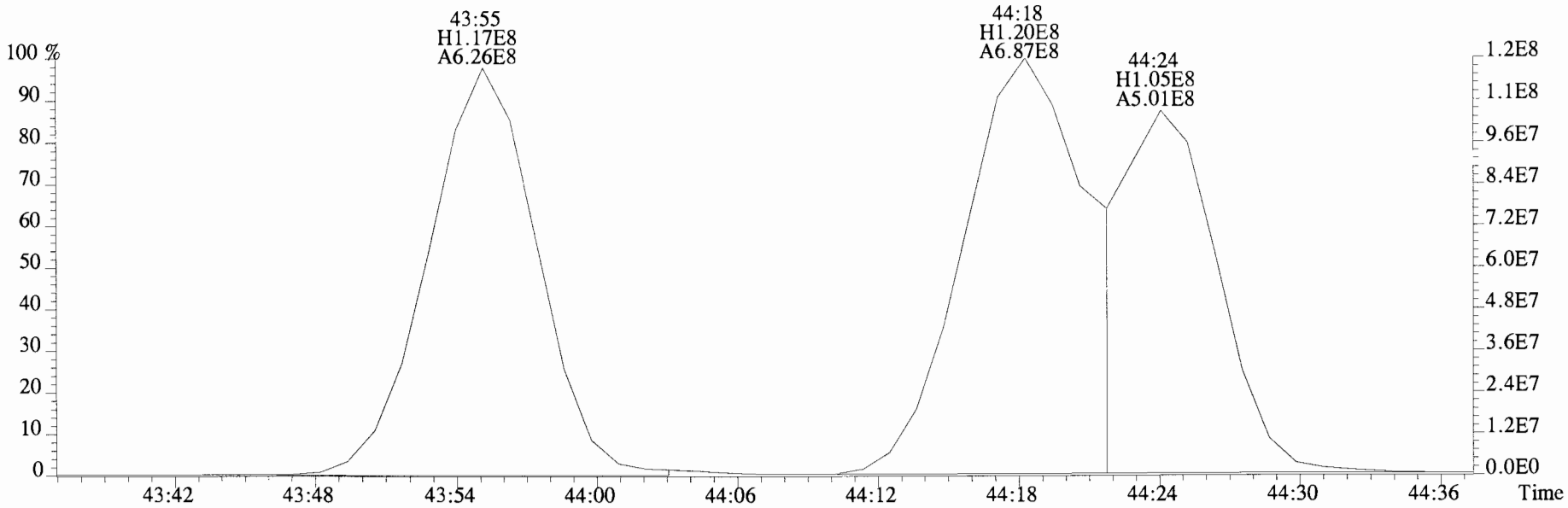
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21288.0,0.00%,F,F)



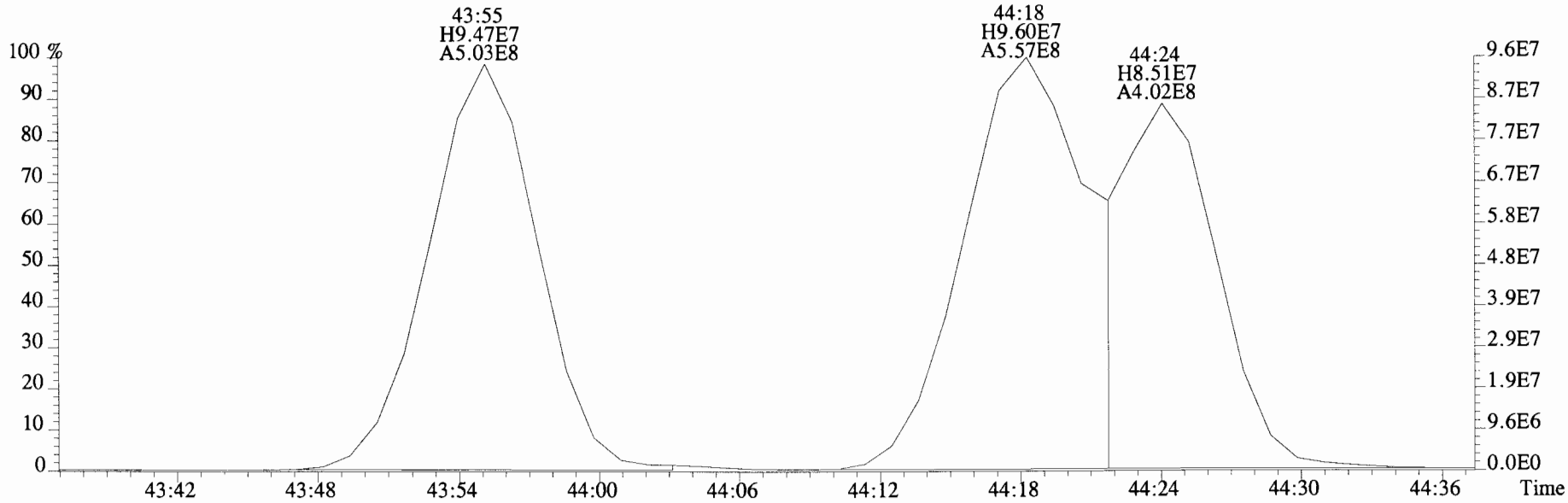
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18380.0,0.00%,F,F)



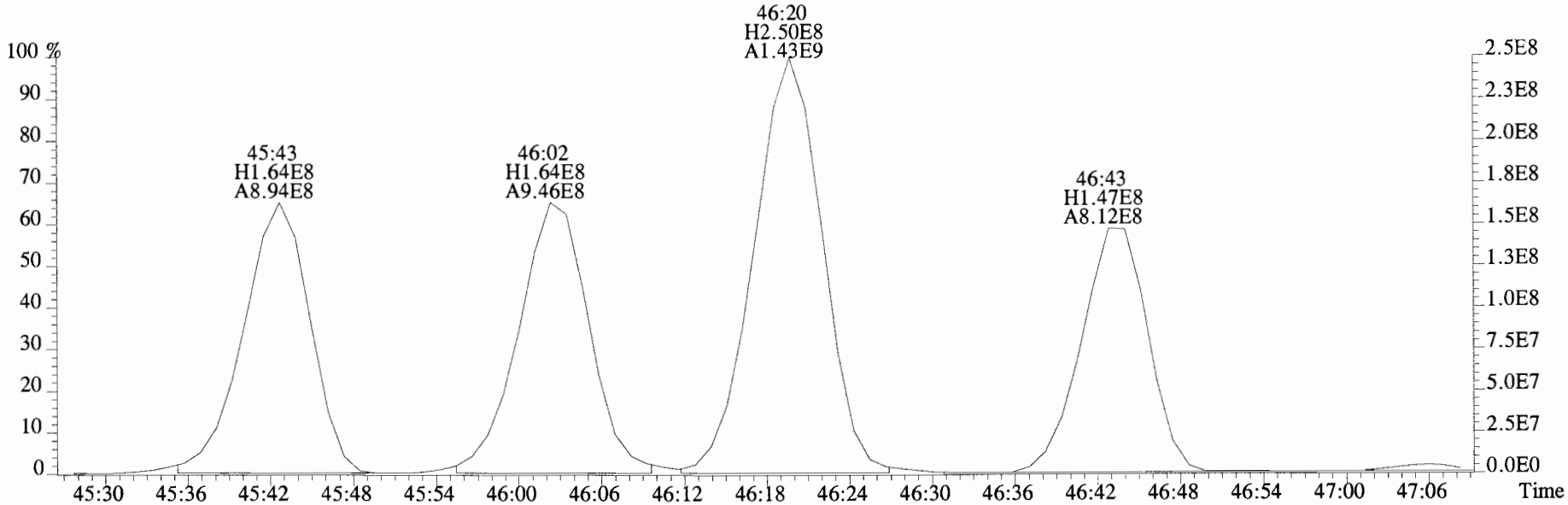
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



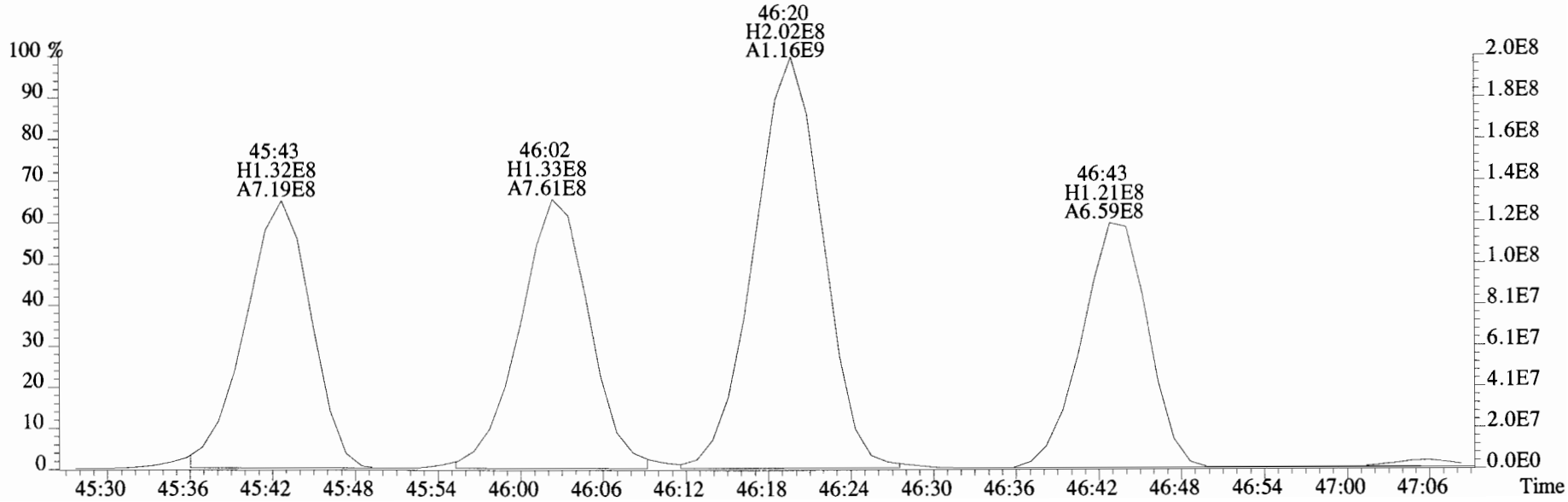
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



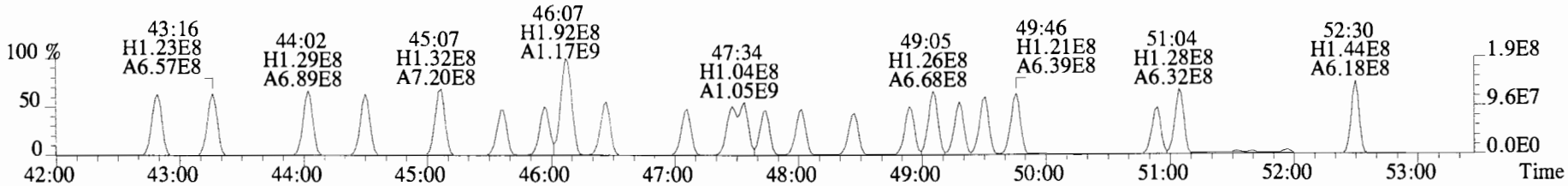
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,916648.0,0.00%,F,F)



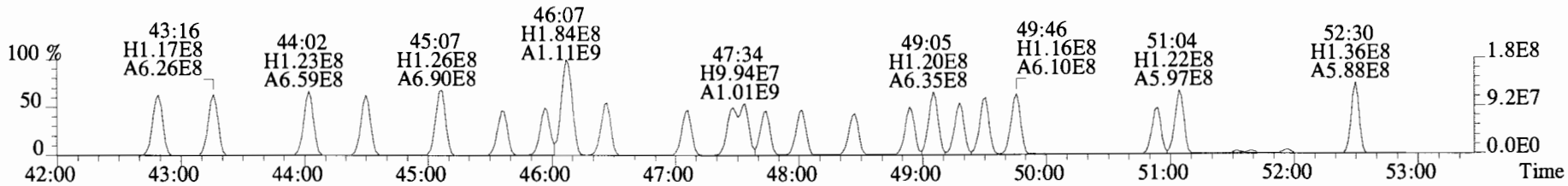
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,734040.0,0.00%,F,F)



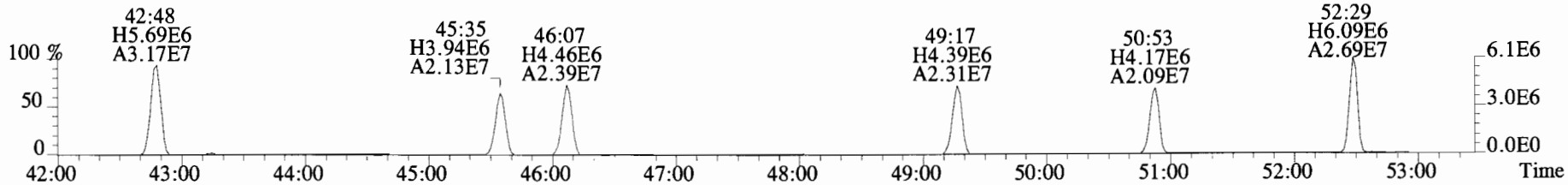
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,611220.0,0.00%,F,F)



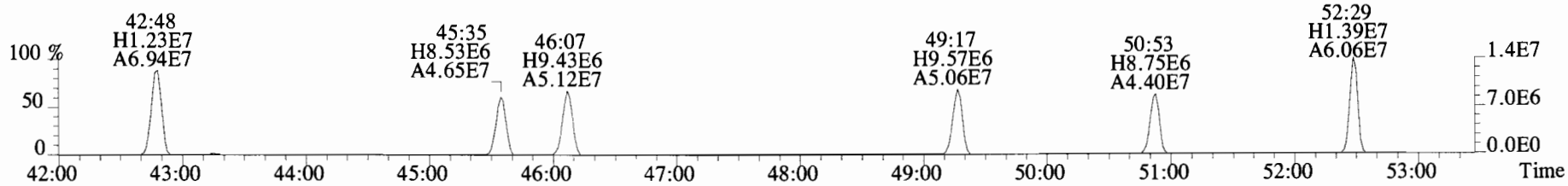
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,556732.0,0.00%,F,F)



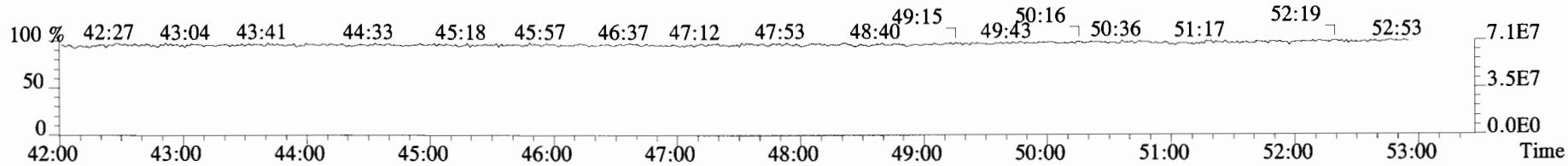
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8436.0,0.00%,F,F)



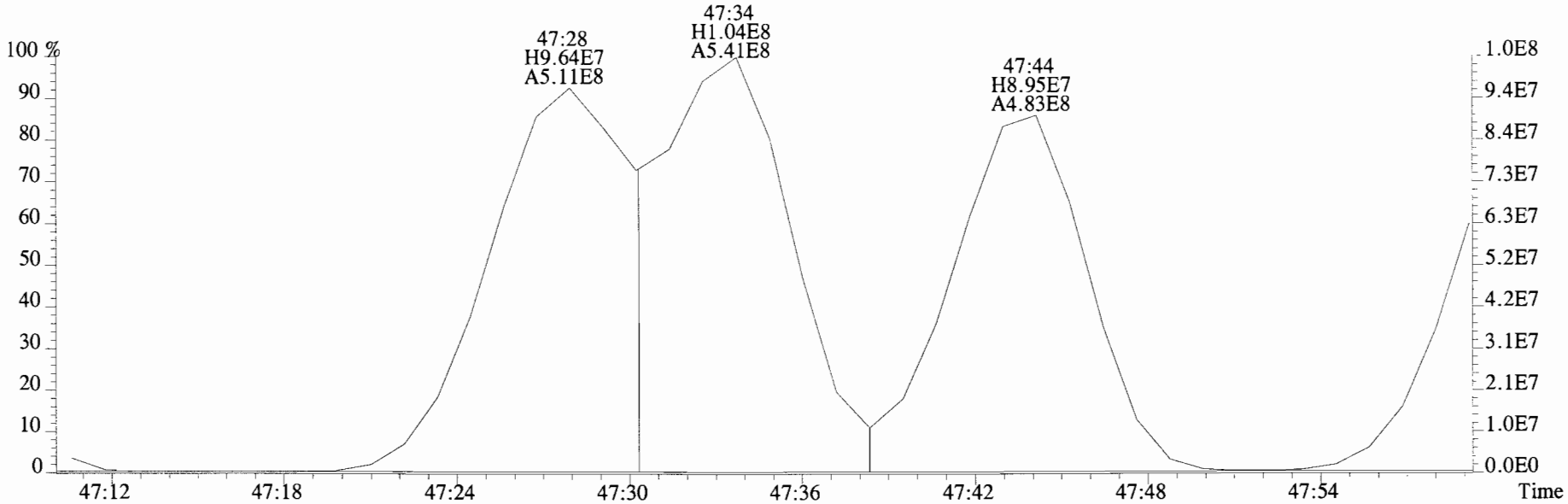
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15240.0,0.00%,F,F)



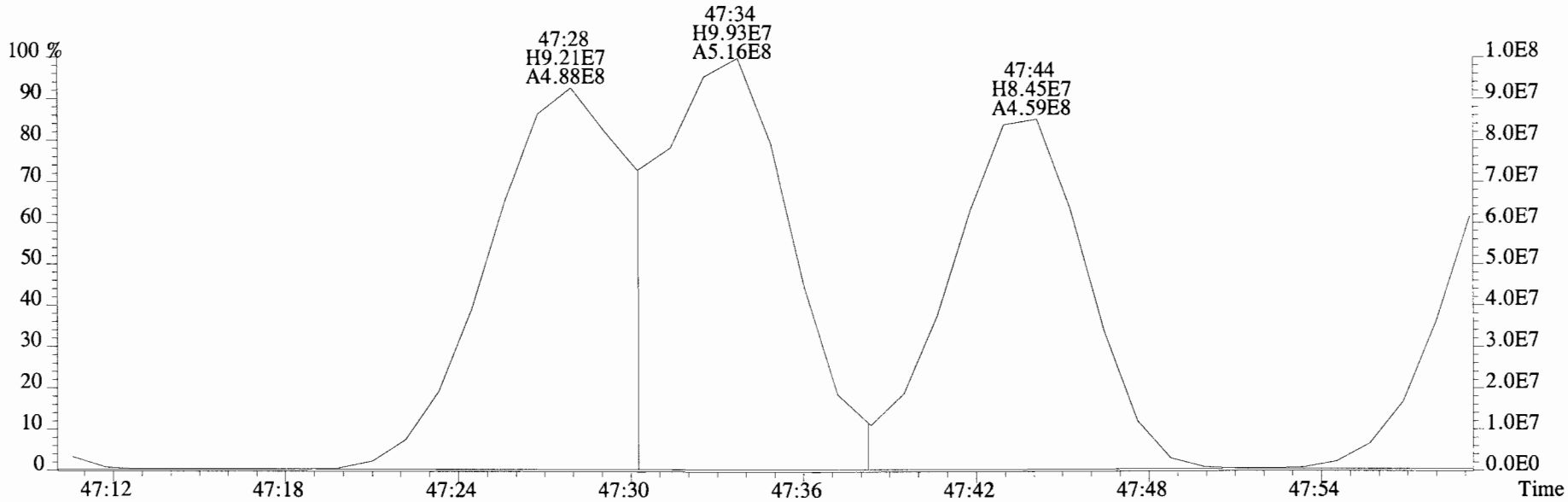
380.9760 S:6 F:4



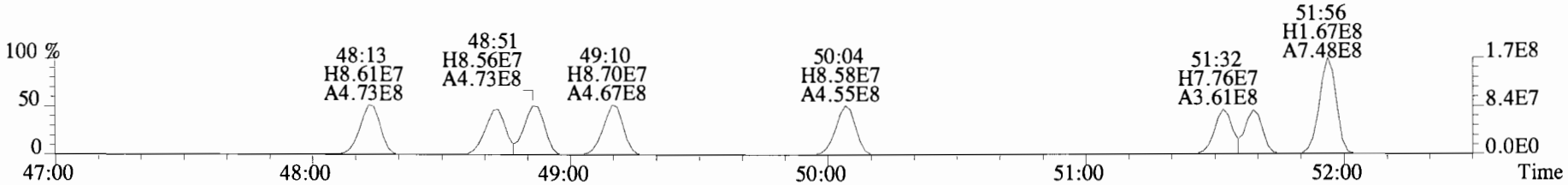
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,611220.0,0.00%,F,F)



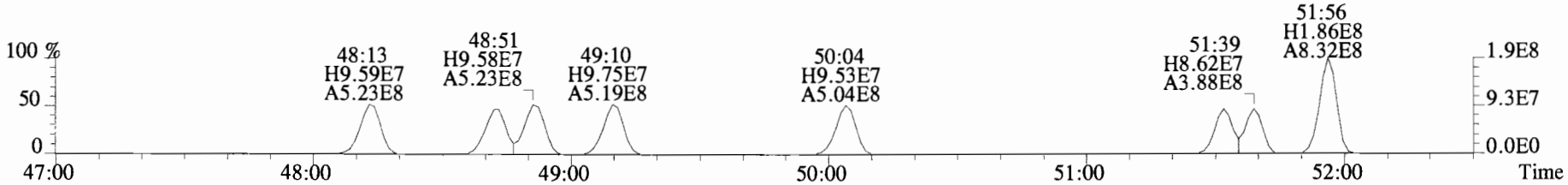
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,556732.0,0.00%,F,F)



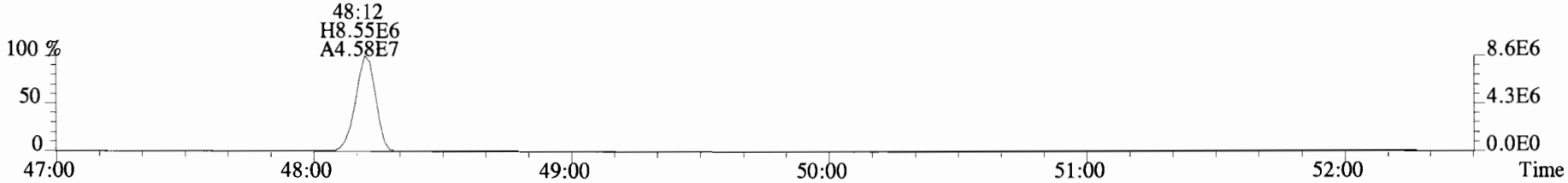
File:180208E1 #1-574 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,93860.0,0.00%,F,F)



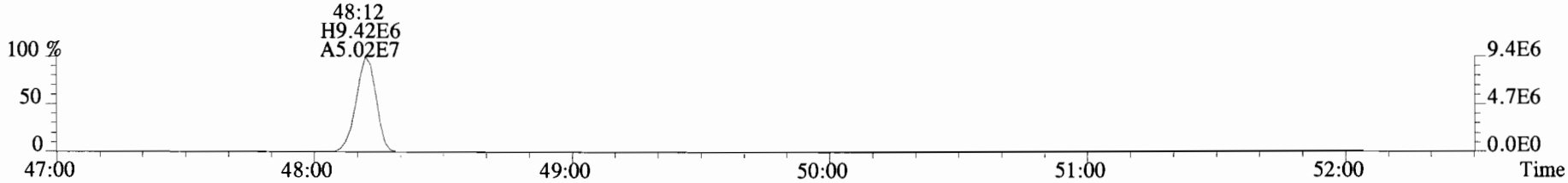
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105400.0,0.00%,F,F)



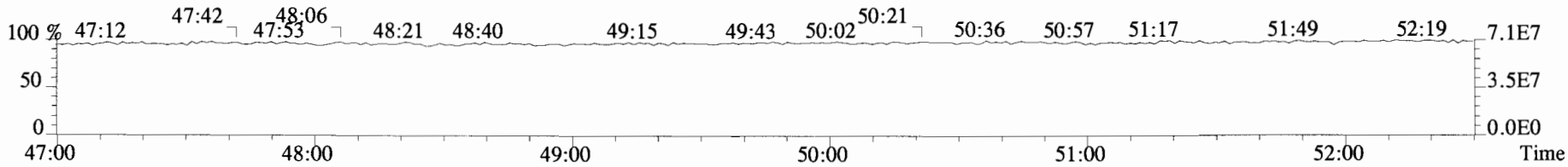
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6432.0,0.00%,F,F)



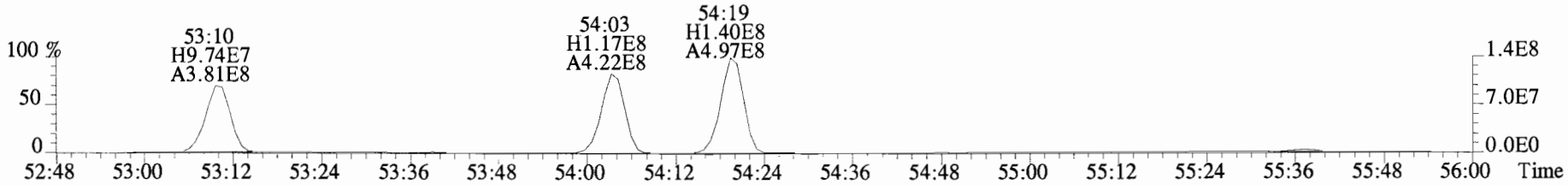
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7424.0,0.00%,F,F)



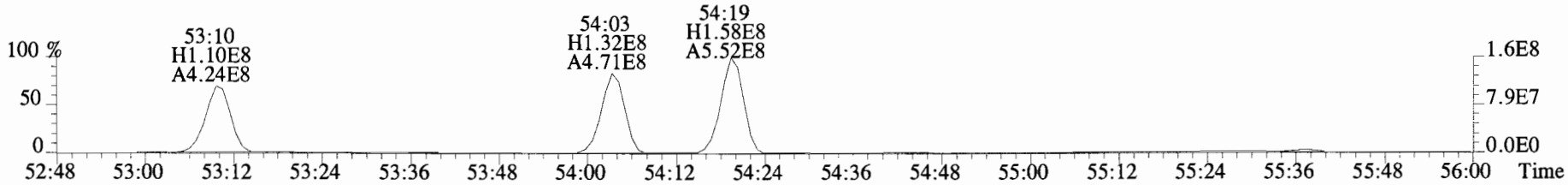
380.9760 S:6 F:4



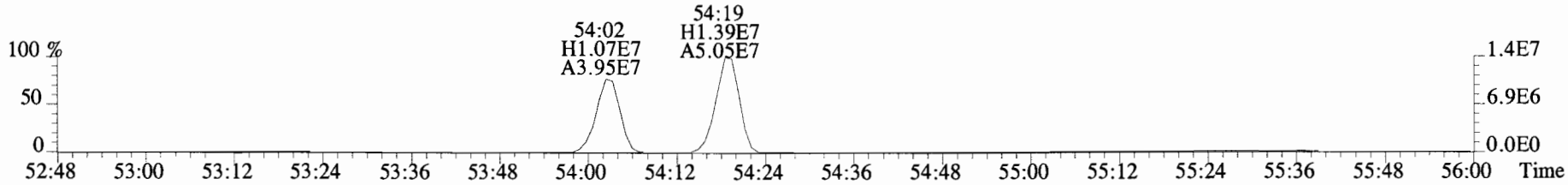
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,461484.0,0.00%,F,F)



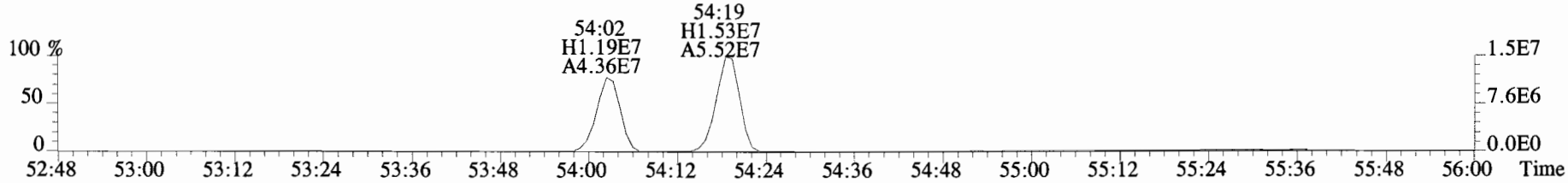
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,681740.0,0.00%,F,F)



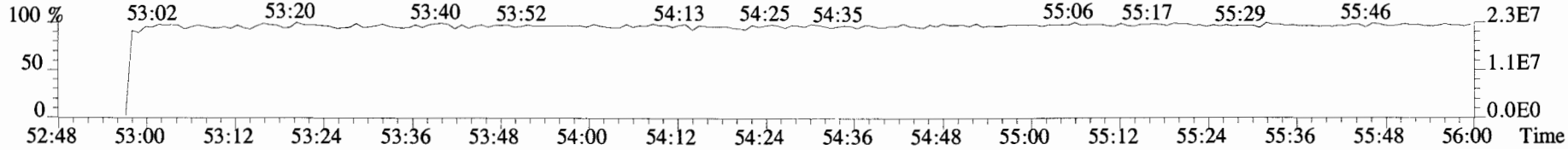
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8628.0,0.00%,F,F)



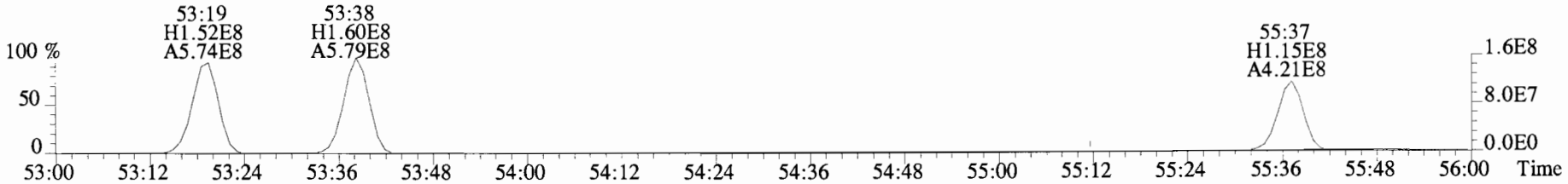
441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5572.0,0.00%,F,F)



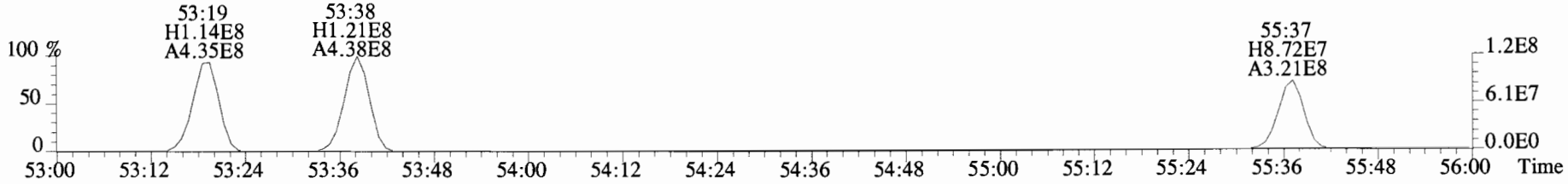
492.9697 S:6 F:5



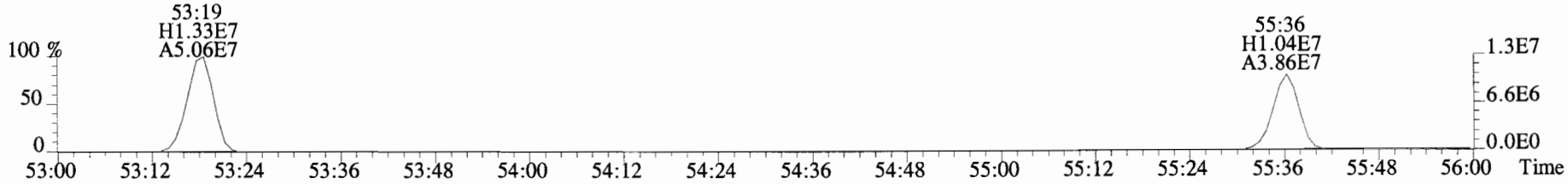
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,416792.0,0.00%,F,F)



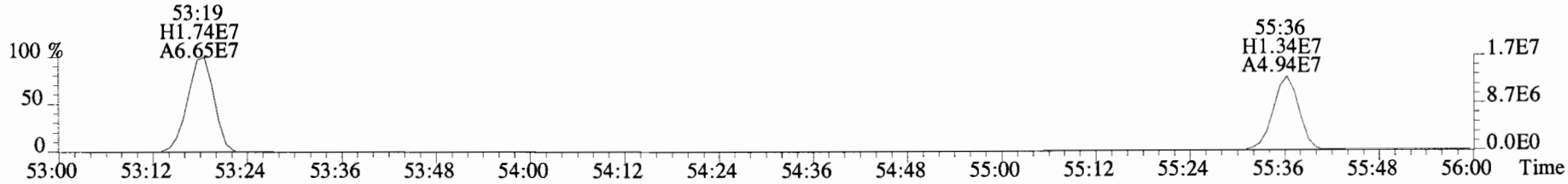
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,312716.0,0.00%,F,F)



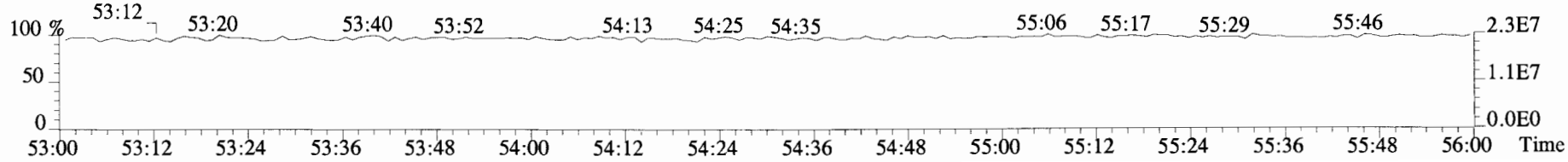
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28316.0,0.00%,F,F)



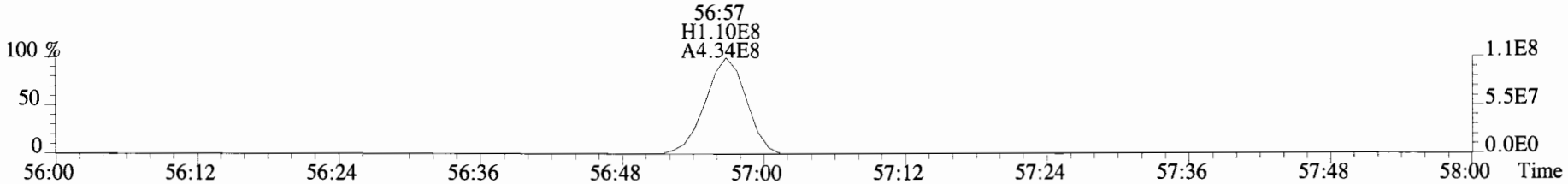
475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36800.0,0.00%,F,F)



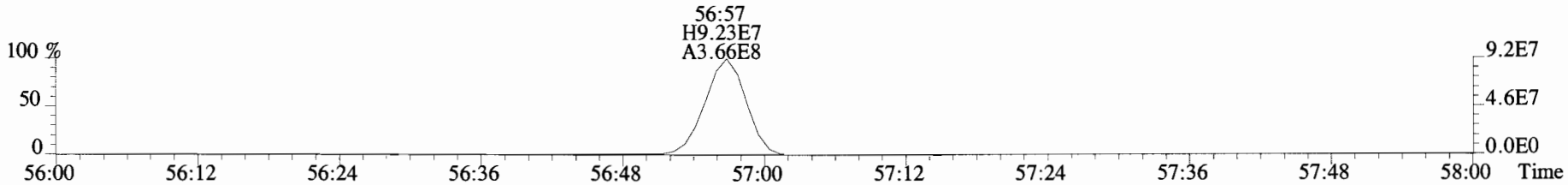
492.9697 S:6 F:5



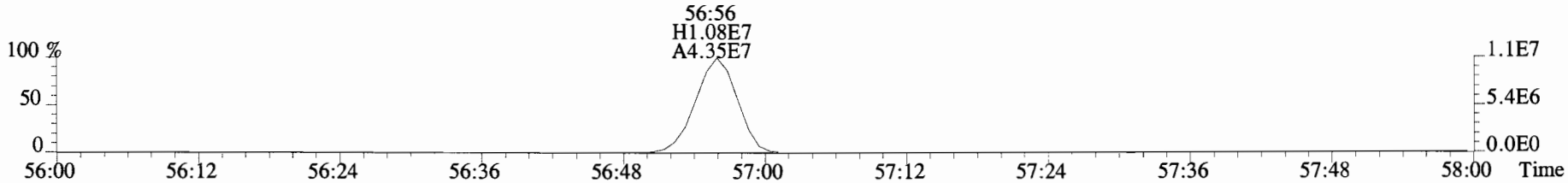
File:180208E1 #1-407 Acq: 8-FEB-2018 14:00:18 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST180208E1-6 PCB CS5 17L3008 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



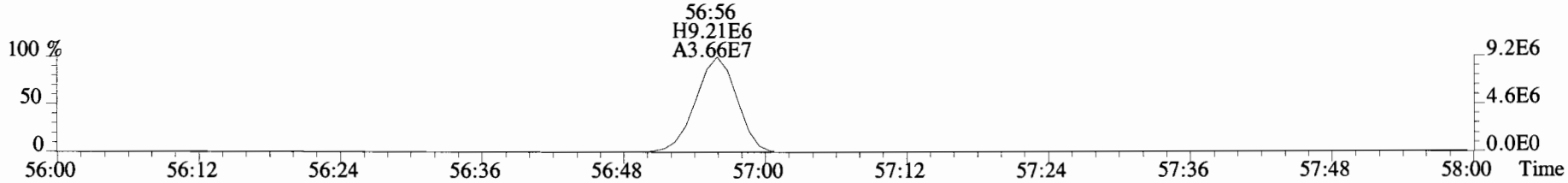
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1904.0,0.00%,F,F)



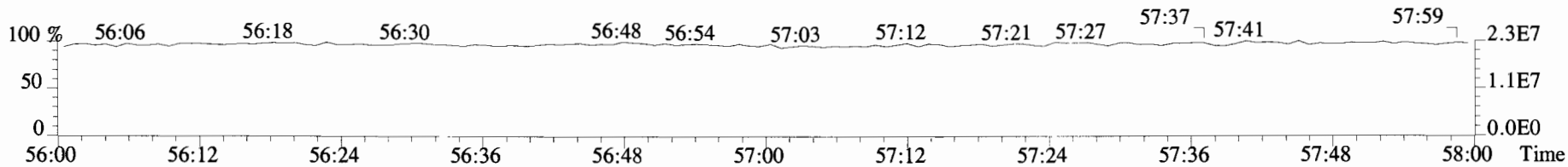
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1800.0,0.00%,F,F)



511.7199 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)

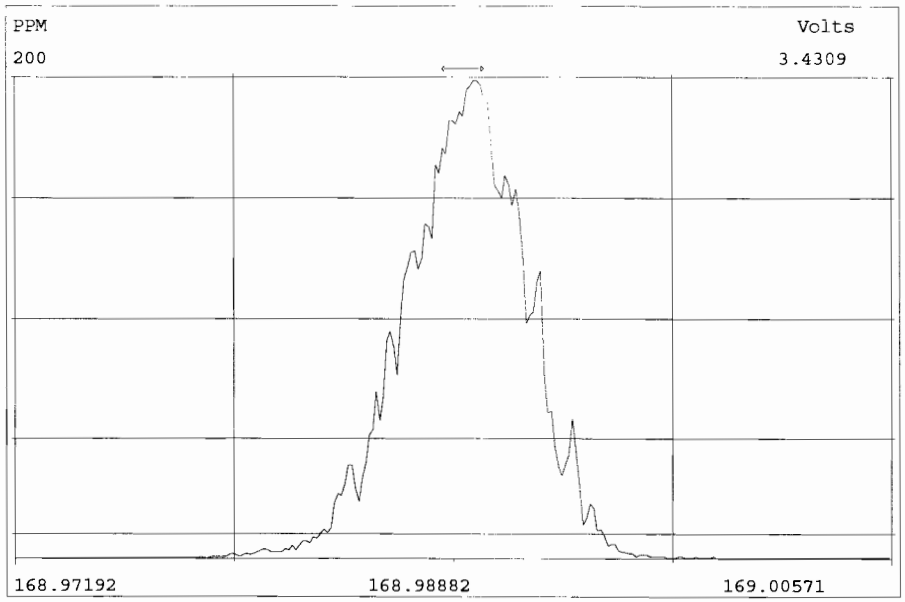


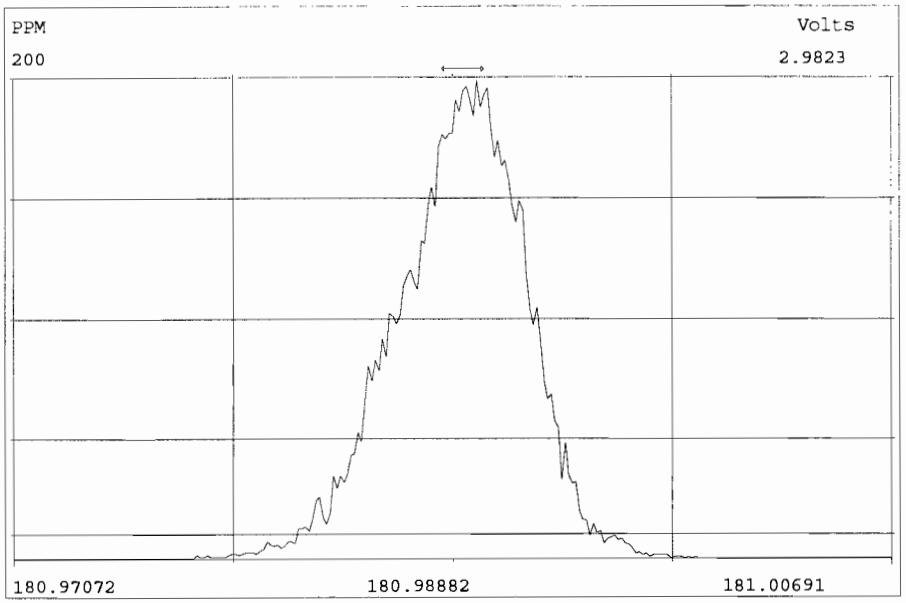
492.9697 S:6 F:5

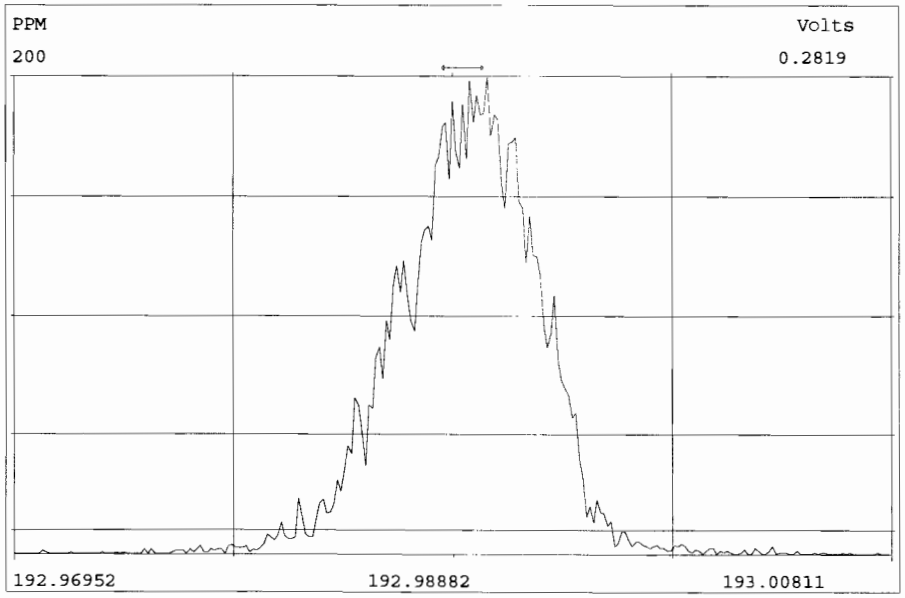


Peak Locate Examination: 8-FEB-2018:17:23 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK

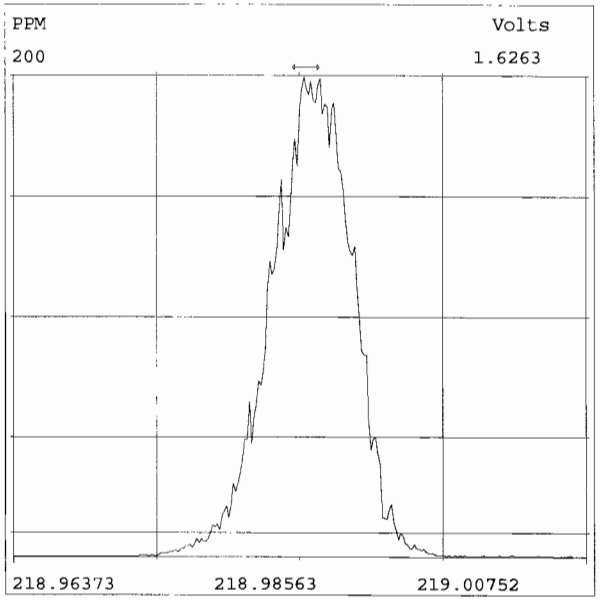


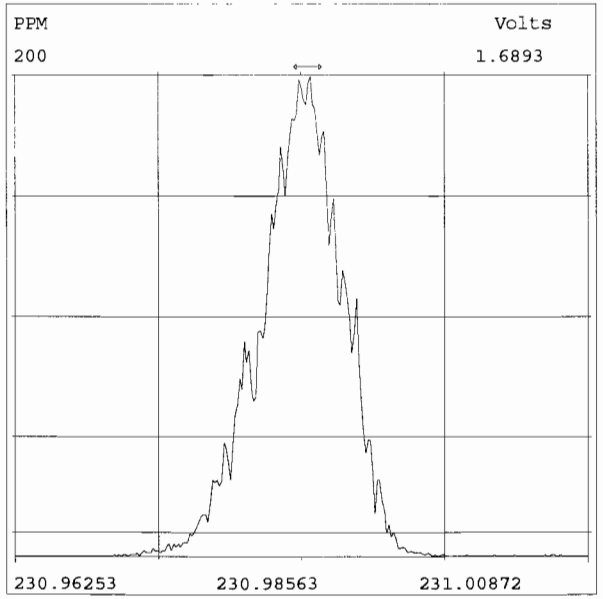


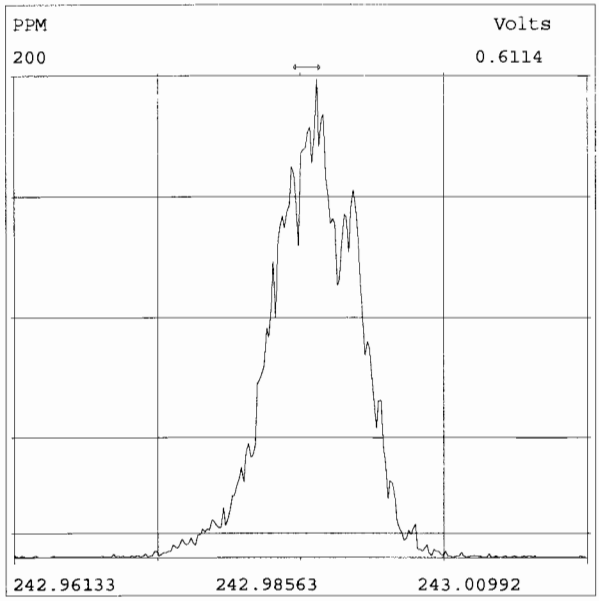


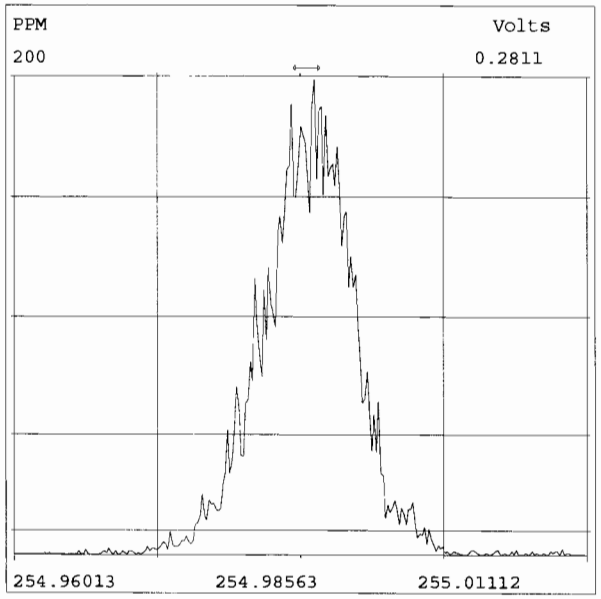
Peak Locate Examination: 8-FEB-2018:17:24 File:RES_CHECK

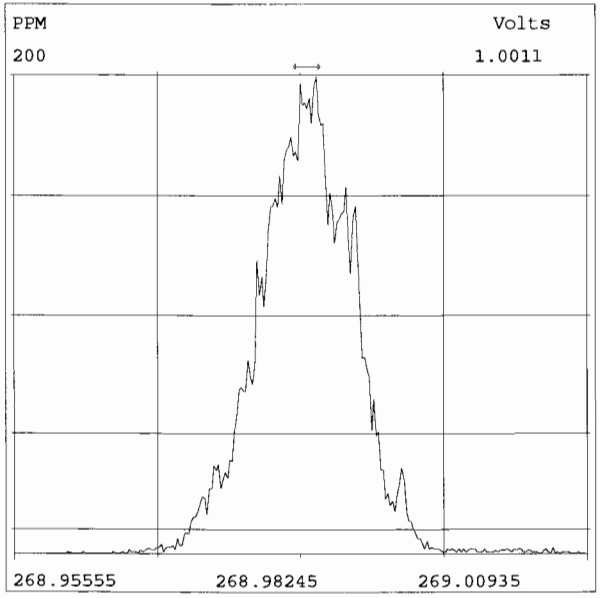
Experiment:PCB_ZB1 Function:2 Reference:PFK

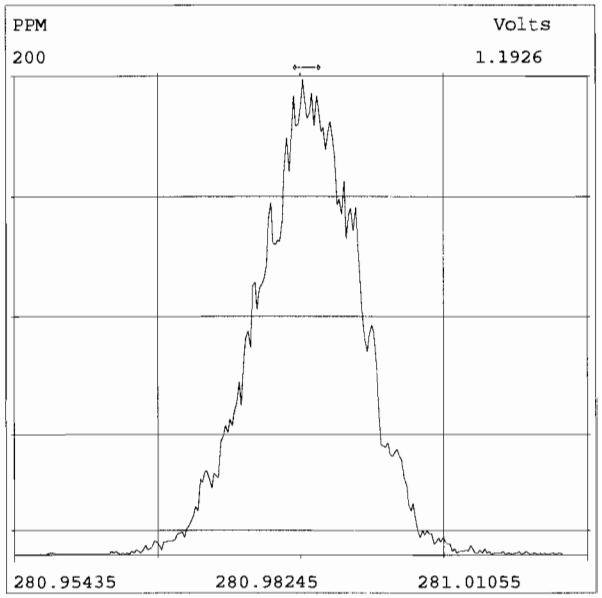






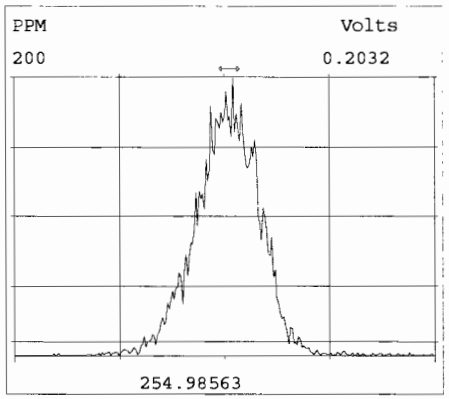


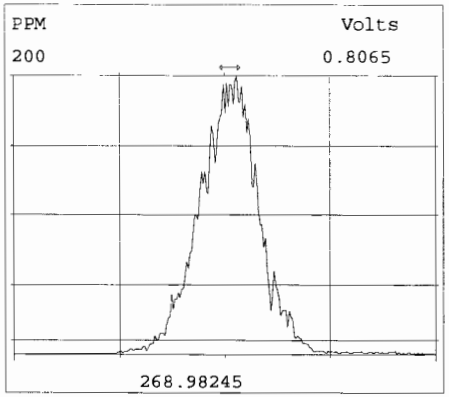


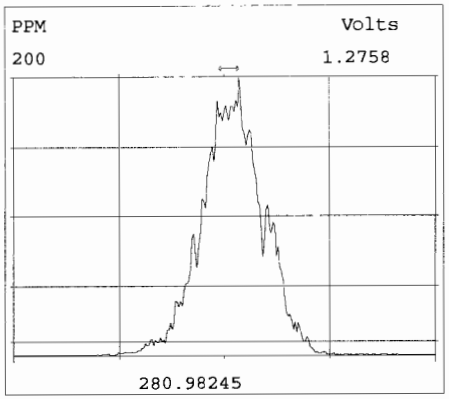


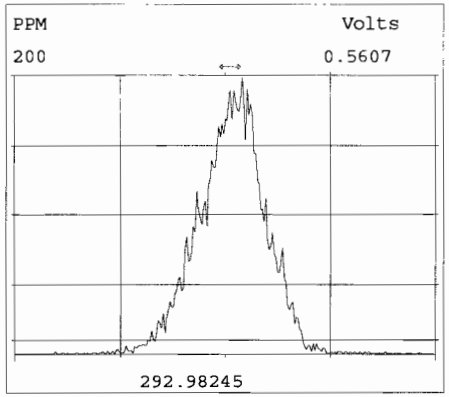
Peak Locate Examination: 8-FEB-2018:17:25 File:RES_CHECK

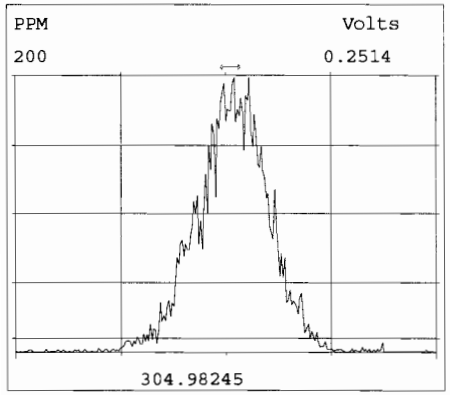
Experiment:PCB_ZB1 Function:3 Reference:PFK

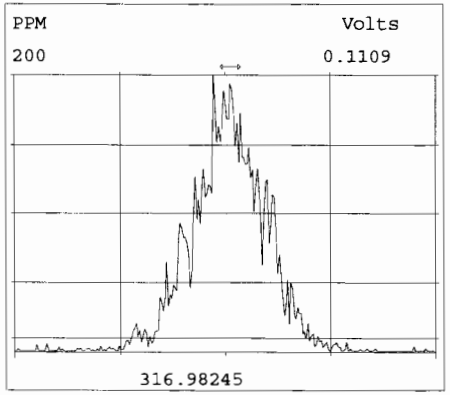


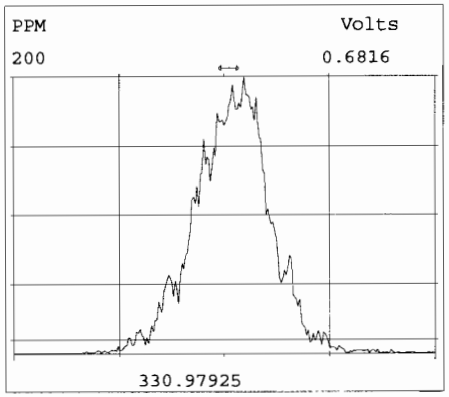


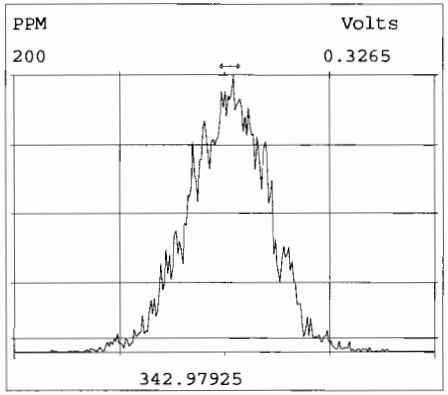


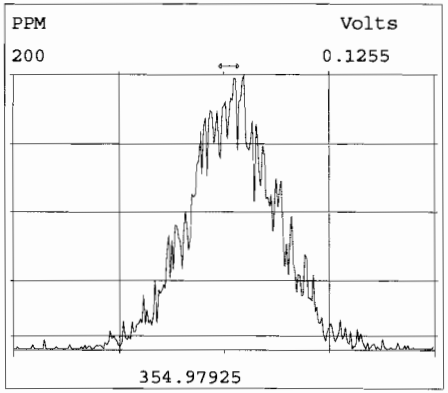


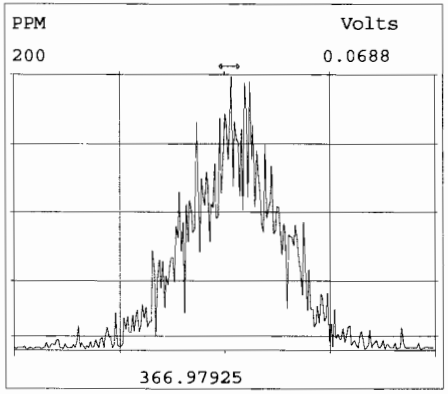


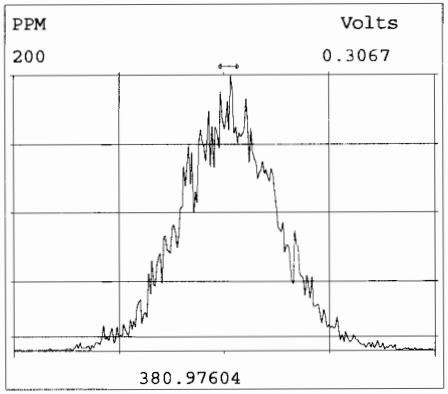






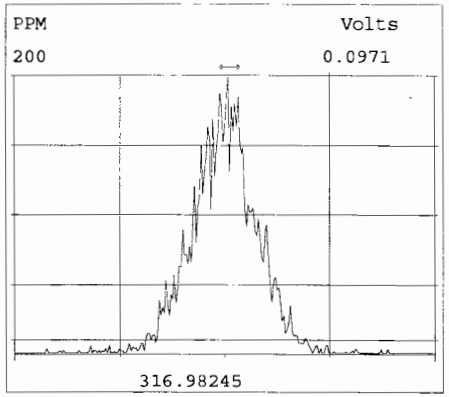


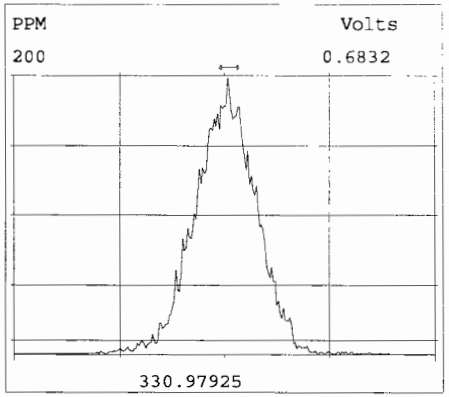


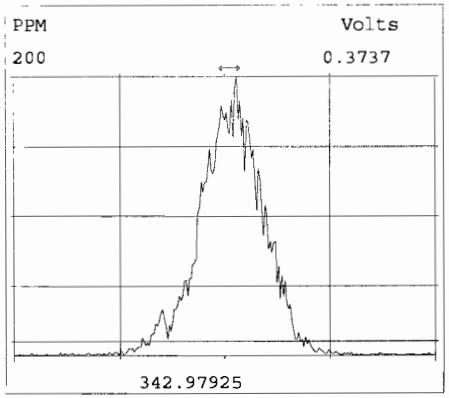


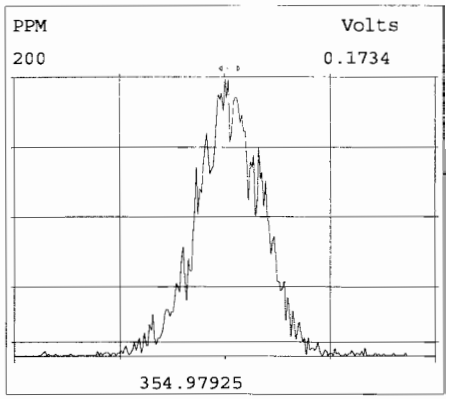
Peak Locate Examination: 8-FEB-2018:17:26 File:RES_CHECK

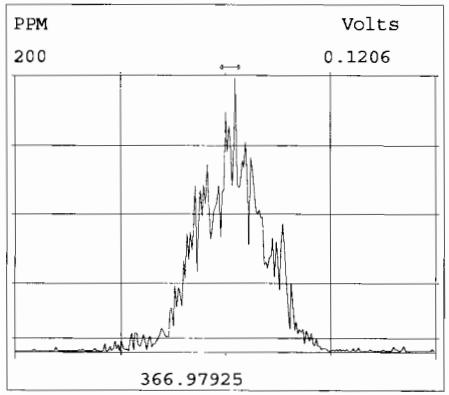
Experiment:PCB_ZB1 Function:4 Reference:PFK

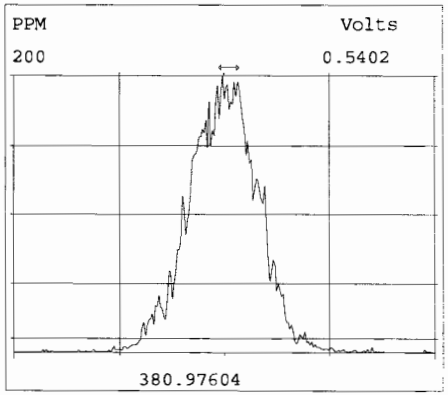


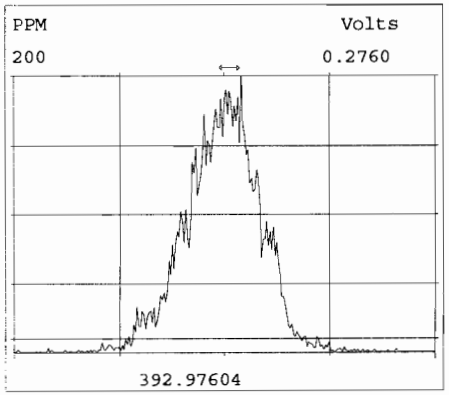


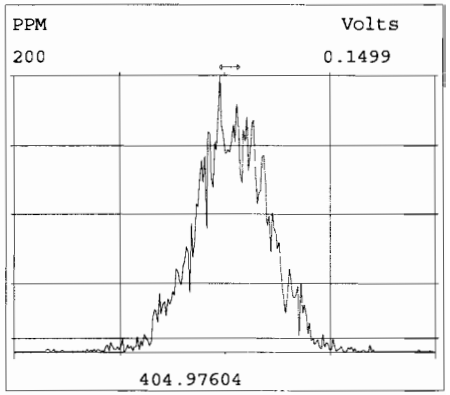


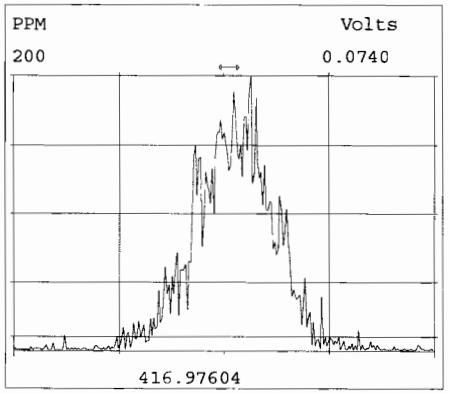


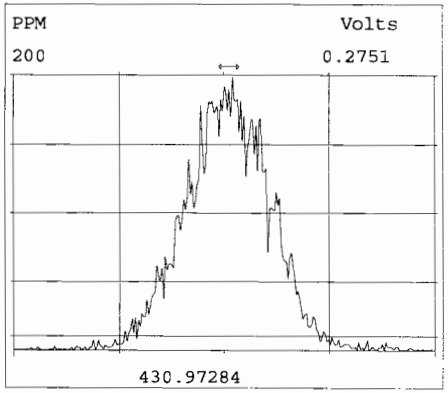


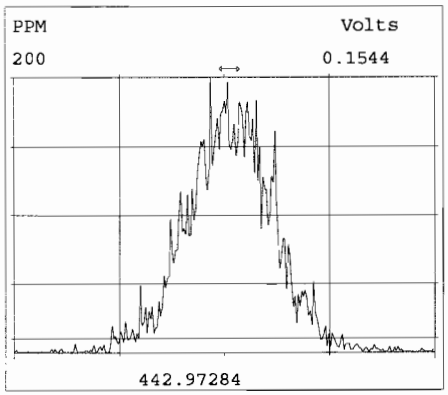






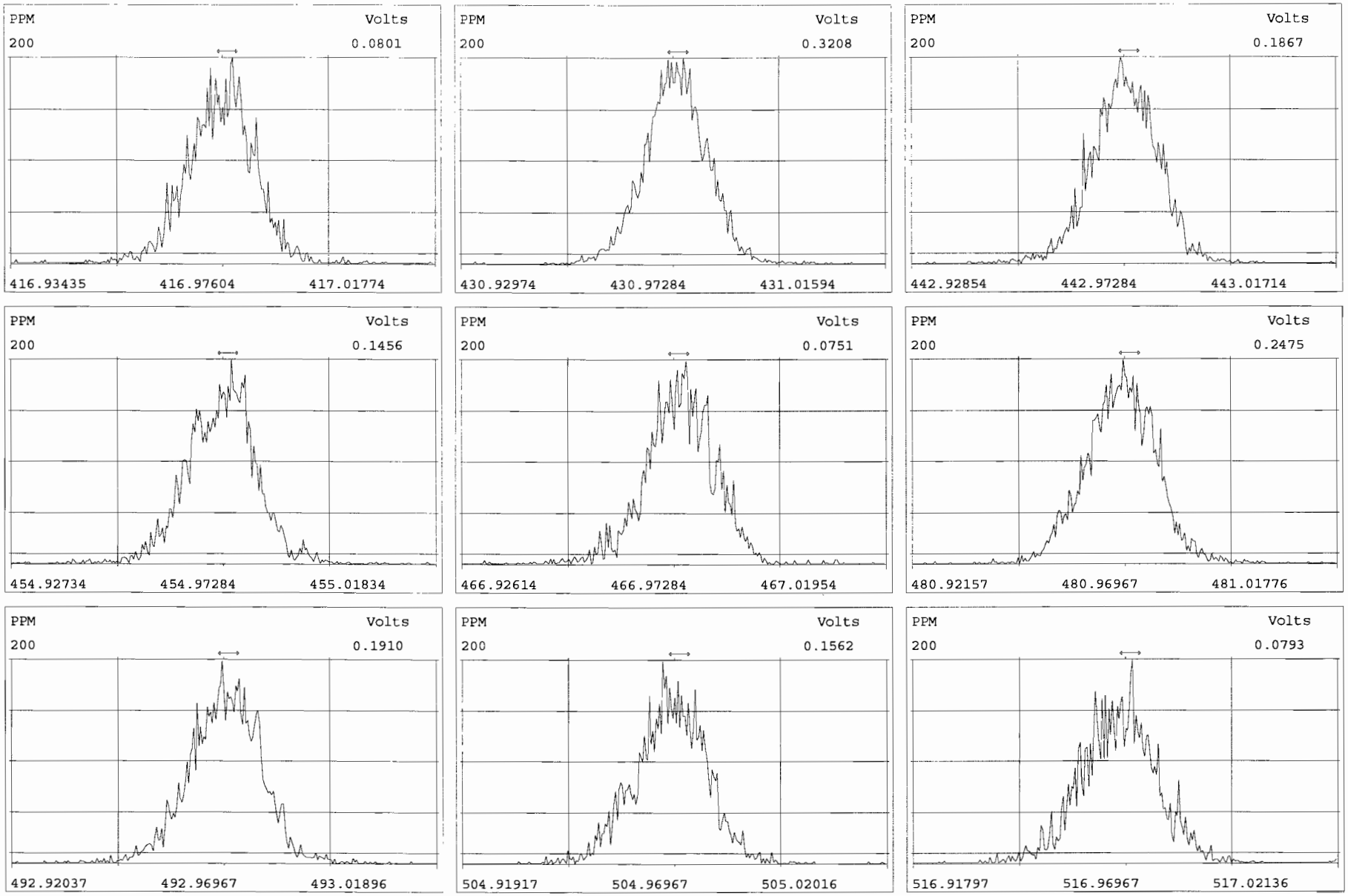






Peak Locate Examination: 8-FEB-2018:17:27 File:RES_CHECK

Experiment:PCB_ZB1 Function:5 Reference:PFK



Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	2.22e+08	3.05	y	1.07	16:00	1.001	0.996	1.006	102.395
	PCB-2	*	*	n	1.06	NotFnd	*	0.983	0.993	*
	PCB-3	2.36e+08	3.03	y	1.06	18:38	1.001	0.996	1.006	101.477
	PCB-4/10	2.68e+08	1.55	y	1.24	20:00	1.002	0.998	1.008	201.198
	PCB-7/9	1.67e+08	1.55	y	0.99	21:46	0.866	0.863	0.871	99.5654
	PCB-6	*	*	n	1.06	NotFnd	*	0.888	0.897	*
	PCB-5/8	1.75e+08	1.56	y	1.03	22:50	0.908	0.904	0.913	100.722
	PCB-14	*	*	n	1.03	NotFnd	*	0.948	0.958	*
	PCB-11	1.70e+08	1.55	y	1.11	25:10	1.001	0.996	1.006	89.2281
	PCB-12/13	1.64e+08	1.55	y	1.02	25:35	1.018	1.011	1.021	93.8995
	PCB-15	1.77e+08	1.55	y	1.05	25:51	1.028	1.023	1.033	97.7108
	PCB-19	6.67e+07	1.06	y	1.20	24:08	1.001	0.996	1.006	46.7713
	PCB-30	*	*	n	1.93	NotFnd	*	1.034	1.044	*
	PCB-18	7.06e+07	1.05	y	0.91	25:48	0.954	0.948	0.958	44.3819
	PCB-17	*	*	n	0.84	NotFnd	*	0.955	0.965	*
	PCB-24/27	*	*	n	1.15	NotFnd	*	0.977	0.986	*
-	PCB-16/32	*	*	n	1.02	NotFnd	*	0.995	1.005	*
-	PCB-34	*	*	n	0.96	NotFnd	*	0.955	0.965	*
	PCB-23	*	*	n	0.95	NotFnd	*	0.958	0.968	*
	PCB-29	*	*	n	0.96	NotFnd	*	0.966	0.976	*
	PCB-26	*	*	n	1.00	NotFnd	*	0.974	0.984	*
	PCB-25	*	*	n	1.06	NotFnd	*	0.980	0.990	*
	PCB-31	7.53e+07	1.05	y	1.12	28:55	0.997	0.992	1.002	45.4482
	PCB-28	7.70e+07	1.06	y	1.14	29:01	1.000	0.995	1.005	45.6172
	PCB-20/21/33	7.52e+07	1.04	y	1.00	29:40	1.023	1.017	1.027	50.8893
	PCB-22	*	*	n	1.09	NotFnd	*	1.032	1.042	*
	PCB-36	*	*	n	1.15	NotFnd	*	0.929	0.939	*
	PCB-39	*	*	n	1.07	NotFnd	*	0.943	0.953	*
	PCB-38	7.04e+07	1.05	y	1.10	31:56	0.971	0.966	0.976	42.5182
	PCB-35	7.48e+07	1.05	y	1.12	32:28	0.987	0.982	0.992	44.3277
	PCB-37	8.05e+07	1.04	y	1.11	32:54	1.001	0.996	1.006	48.1636
	PCB-54	8.03e+07	0.77	y	1.07	27:54	1.001	0.996	1.006	48.0310
	PCB-50	*	*	n	0.87	NotFnd	*	1.038	1.048	*
	PCB-53	*	*	n	1.01	NotFnd	*	0.940	0.950	*
	PCB-51	*	*	n	1.10	NotFnd	*	0.952	0.962	*
	PCB-45	*	*	n	0.87	NotFnd	*	0.965	0.975	*
	PCB-46	*	*	n	0.84	NotFnd	*	0.980	0.990	*

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	7.19e+07	0.78	y	1.212	31:26	1.000	0.996	1.006	46.6387
PCB-73	*	*	n	1.453	NotFnd	*	1.000	1.010	*
PCB-43/49	6.62e+07	0.79	y	1.011	31:45	1.010	1.005	1.015	51.4291
PCB-47	*	*	n	0.906	NotFnd	*	0.995	1.005	*
PCB-48/75	*	*	n	1.134	NotFnd	*	0.999	1.009	*
PCB-65	*	*	n	1.271	NotFnd	*	1.007	1.017	*
PCB-62	*	*	n	1.096	NotFnd	*	1.011	1.021	*
PCB-44	5.74e+07	0.77	y	0.855	32:45	1.026	1.020	1.030	48.9519
PCB-42/59	*	*	n	1.021	NotFnd	*	1.027	1.037	*
PCB-41/64/71/72	*	*	n	1.166	NotFnd	*	1.046	1.056	*
PCB-68	*	*	n	1.278	NotFnd	*	1.054	1.064	*
PCB-40	*	*	n	0.624	NotFnd	*	1.060	1.070	*
PCB-57	8.38e+07	0.78	y	1.129	34:23	0.970	0.965	0.975	44.8332
PCB-67	*	*	n	1.103	NotFnd	*	0.973	0.983	*
PCB-58	*	*	n	1.123	NotFnd	*	0.977	0.987	*
PCB-63	*	*	n	1.001	NotFnd	*	0.981	0.991	*
PCB-74	8.96e+07	0.78	y	1.184	35:15	0.994	0.989	0.999	45.7364
PCB-61/70	9.01e+07	0.78	y	1.028	35:27	1.000	0.994	1.004	52.9735
PCB-76/66	8.80e+07	0.78	y	1.134	35:40	1.006	1.000	1.010	46.8551
PCB-80	*	*	n	1.193	NotFnd	*	0.995	1.005	*
PCB-55	*	*	n	1.159	NotFnd	*	1.004	1.014	*
PCB-56/60	*	*	n	1.043	NotFnd	*	1.018	1.028	*
PCB-79	8.69e+07	0.78	y	1.169	37:45	1.052	1.047	1.057	45.4161
PCB-78	7.87e+07	0.77	y	1.105	38:27	0.987	0.982	0.992	44.0666
PCB-81	8.72e+07	0.77	y	0.969	38:59	1.001	0.995	1.005	55.6571
PCB-77	8.41e+07	0.78	y	1.082	39:34	1.000	0.995	1.005	51.4309
PCB-104	6.41e+07	1.60	y	1.078	32:36	1.001	0.996	1.006	54.7856
PCB-96	*	*	n	1.131	NotFnd	*	1.034	1.044	*
PCB-103	*	*	n	0.908	NotFnd	*	1.051	1.061	*
PCB-100	*	*	n	0.925	NotFnd	*	1.062	1.072	*
PCB-94	*	*	n	0.914	NotFnd	*	0.981	0.991	*
PCB-95/98/102	4.75e+07	1.57	y	1.172	35:46	1.001	0.994	1.004	48.0795
PCB-93	4.75e+07	1.57	y	0.926	35:46	1.001	0.997	1.007	60.8674
PCB-88/91	*	*	n	0.974	NotFnd	*	1.005	1.015	*
PCB-121	*	*	n	1.681	NotFnd	*	1.009	1.019	*
PCB-84/92	*	*	n	0.973	NotFnd	*	0.985	0.995	*
PCB-89	*	*	n	1.065	NotFnd	*	0.990	1.000	*

Integrations by Analyst: M
Date: 2/22/18

Reviewed by Analyst: JB
Date: 2/22/18

Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	5.02e+07	1.58	y	1.08	37:27	1.001	0.995	1.005	55.0836
	PCB-113	*	*	n	1.48	NotFnd	*	1.002	1.012	*
	PCB-99	5.14e+07	1.60	y	1.25	37:46	1.009	1.004	1.014	48.4232
	PCB-119	*	*	n	1.70	NotFnd	*	0.982	0.992	*
	PCB-108/112	*	*	n	1.40	NotFnd	*	0.986	0.996	*
	PCB-83	*	*	n	1.75	NotFnd	*	0.990	1.000	*
	PCB-97	*	*	n	1.17	NotFnd	*	0.995	1.005	*
	PCB-86	*	*	n	1.08	NotFnd	*	0.999	1.009	*
	B-87/117/125	4.42e+07	1.57	y	1.55	39:02	1.008	1.002	1.012	39.0180
	PCB-111/115	6.07e+07	1.61	y	1.79	39:11	1.012	1.006	1.016	46.3720
	PCB-85/116	*	*	n	1.29	NotFnd	*	1.009	1.019	*
	PCB-120	*	*	n	1.98	NotFnd	*	1.016	1.026	*
	PCB-110	6.03e+07	1.61	y	1.69	39:41	1.025	1.020	1.030	49.0609
	PCB-82	*	*	n	0.81	NotFnd	*	0.972	0.982	*
	PCB-124	*	*	n	1.30	NotFnd	*	0.988	0.998	*
	PCB-107/109	*	*	n	1.31	NotFnd	*	0.991	1.001	*
	PCB-123	6.04e+07	1.57	y	1.12	41:19	1.001	0.996	1.006	54.7327
-	PCB-106/118	6.35e+07	1.59	y	1.18	41:29	1.000	0.996	1.006	53.4120
-	PCB-114	5.48e+07	1.54	y	1.11	42:09	1.001	0.995	1.005	47.9085
	PCB-122	*	*	n	1.03	NotFnd	*	0.999	1.009	*
	PCB-105	5.67e+07	1.60	y	1.12	43:00	1.000	0.995	1.005	50.1038
	PCB-127	*	*	n	1.12	NotFnd	*	0.995	1.005	*
	PCB-126	5.84e+07	1.60	y	1.20	45:14	1.001	0.995	1.005	50.5692
	PCB-155	5.02e+07	1.29	y	0.99	36:59	1.000	0.995	1.005	58.0979
	PCB-150	*	*	n	1.02	NotFnd	*	1.030	1.040	*
	PCB-152	*	*	n	1.16	NotFnd	*	1.042	1.052	*
	PCB-145	*	*	n	1.13	NotFnd	*	1.054	1.064	*
	PCB-136	*	*	n	1.02	NotFnd	*	1.063	1.073	*
	PCB-148	*	*	n	0.77	NotFnd	*	1.066	1.076	*
	PCB-154	*	*	n	0.88	NotFnd	*	1.079	1.089	*
	PCB-151	*	*	n	0.75	NotFnd	*	1.095	1.107	*
	PCB-135	*	*	n	0.86	NotFnd	*	1.101	1.113	*
	PCB-144	*	*	n	0.77	NotFnd	*	1.105	1.116	*
	PCB-147	*	*	n	0.80	NotFnd	*	1.108	1.120	*
	PCB-139/149	3.59e+07	1.29	y	0.88	41:26	1.121	1.115	1.127	46.6250
-	PCB-140	*	*	n	0.77	NotFnd	*	1.120	1.132	*
-	PCB-134/143	*	*	n	0.76	NotFnd	*	0.970	0.980	*

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-131/133	*	*	n	0.82	NotFnd	*	0.977	0.987	*
	PCB-142	*	*	n	0.73	NotFnd	*	0.981	0.991	*
	PCB-146/165	*	*	n	1.02	NotFnd	*	0.986	0.996	*
	PCB-132/161	*	*	n	1.00	NotFnd	*	0.992	1.002	*
	PCB-153	5.90e+07	1.22	y	1.08	43:10	1.000	0.995	1.005	46.5595
	PCB-168	*	*	n	1.12	NotFnd	*	1.000	1.010	*
	PCB-141	*	*	n	1.02	NotFnd	*	0.995	1.005	*
	PCB-137	*	*	n	1.10	NotFnd	*	1.004	1.014	*
	PCB-130	*	*	n	0.81	NotFnd	*	1.007	1.017	*
	PCB-138/163/164	5.21e+07	1.26	y	1.23	44:44	1.000	0.996	1.006	41.3775
	PCB-158/160	*	*	n	1.18	NotFnd	*	1.001	1.011	*
	PCB-129	*	*	n	0.78	NotFnd	*	1.007	1.017	*
	PCB-166	*	*	n	1.13	NotFnd	*	0.988	0.998	*
	PCB-159	*	*	n	1.16	NotFnd	*	0.995	1.005	*
	PCB-128/162	6.32e+07	1.23	y	0.89	46:18	1.007	1.002	1.012	58.9294
	PCB-167	6.88e+07	1.24	y	1.02	46:42	1.000	0.995	1.005	54.9220
	PCB-156	6.19e+07	1.22	y	1.06	47:59	1.000	0.995	1.005	48.3899
	PCB-157	6.90e+07	1.24	y	1.02	48:15	1.000	0.996	1.006	57.1230
	PCB-169	6.42e+07	1.26	y	1.13	50:27	1.000	0.995	1.005	47.9561
	PCB-188	5.98e+07	1.05	y	1.37	42:48	1.001	0.995	1.005	50.0368
	PCB-184	*	*	n	1.32	NotFnd	*	1.006	1.016	*
	PCB-179	*	*	n	1.38	NotFnd	*	1.024	1.034	*
	PCB-176	*	*	n	1.31	NotFnd	*	1.035	1.045	*
	PCB-186	*	*	n	1.42	NotFnd	*	1.049	1.059	*
	PCB-178	4.21e+07	1.05	y	0.97	45:35	1.066	1.060	1.070	49.9387
	PCB-175	*	*	n	1.00	NotFnd	*	1.069	1.079	*
	PCB-182/187	4.58e+07	1.04	y	1.14	46:05	1.077	1.072	1.082	46.0735
	PCB-183	*	*	n	1.13	NotFnd	*	1.080	1.090	*
	PCB-185	*	*	n	1.36	NotFnd	*	0.950	0.960	*
	PCB-174	4.00e+07	1.05	y	1.42	47:26	0.963	0.958	0.968	48.7634
	PCB-181	*	*	n	1.48	NotFnd	*	0.960	0.970	*
	PCB-177	*	*	n	1.33	NotFnd	*	0.963	0.973	*
	PCB-171	*	*	n	1.37	NotFnd	*	0.969	0.979	*
	PCB-173	*	*	n	1.27	NotFnd	*	0.978	0.988	*
	PCB-172	*	*	n	1.39	NotFnd	*	0.987	0.997	*
	PCB-192	*	*	n	1.80	NotFnd	*	0.991	1.001	*
	PCB-180	4.81e+07	1.06	y	1.52	49:17	1.001	0.995	1.005	54.7469

Integrations by Analyst: MI

Date: 2/22/18

Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	*	*	n	1.71	NotFnd	*	0.999	1.009	*
	PCB-191	*	*	n	1.74	NotFnd	*	1.005	1.015	*
	PCB-170	3.86e+07	1.06	y	1.44	50:51	1.000	0.995	1.005	52.8332
	PCB-190	*	*	n	1.95	NotFnd	*	0.999	1.009	*
	PCB-189	5.12e+07	1.06	y	1.46	52:27	1.000	0.995	1.005	52.0074
	PCB-202	4.25e+07	0.89	y	1.06	48:12	1.000	0.995	1.005	51.6703
	PCB-201	*	*	n	0.98	NotFnd	*	1.006	1.016	*
	PCB-204	*	*	n	1.07	NotFnd	*	1.009	1.019	*
	PCB-197	*	*	n	1.10	NotFnd	*	1.015	1.025	*
	PCB-200	3.95e+07	0.88	y	1.04	50:03	1.039	1.034	1.044	48.8158
	PCB-198	*	*	n	0.84	NotFnd	*	1.065	1.075	*
	PCB-199	*	*	n	0.80	NotFnd	*	1.067	1.077	*
-	PCB-196/203	3.20e+07	0.90	y	0.84	51:55	1.077	1.072	1.082	49.0692
-	PCB-195	3.05e+07	0.90	y	1.04	53:08	0.984	0.979	0.989	47.2777
	PCB-194	3.22e+07	0.88	y	1.16	54:01	1.000	0.995	1.005	44.7181
	PCB-205	4.00e+07	0.91	y	1.33	54:18	1.005	1.000	1.010	48.3825
	PCB-208	4.19e+07	1.31	y	0.90	53:17	1.000	0.995	1.005	49.3481
	PCB-207	*	*	n	0.89	NotFnd	*	1.001	1.011	*
	PCB-206	2.86e+07	1.31	y	0.88	55:34	1.000	0.995	1.005	48.6309
	PCB-209	3.39e+07	1.20	y	1.04	56:53	1.000	0.995	1.005	53.2317

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	4.59e+08	3.05	y	16:00	1.06	203.872	
Total Di-PCB	1.12e+09	1.55	y	20:00	1.04	682.324	
Total Tri-PCB	1.37e+08	1.06	y	24:08	1.15	91.1532	
Total Tri-PCB	4.53e+08	1.05	y	28:55	1.05	276.964	Sum:368.117
Total Tetra-PCB	9.64e+08	0.77	y	27:54	1.06	582.020	
Total Penta-PCB	5.02e+08	1.60	y	32:36	1.18	461.779	
Total Penta-PCB	1.70e+08	1.54	y	42:09	1.12	148.582	Sum:610.361
Total Hexa-PCB	8.61e+07	1.29	y	36:59	0.91	104.723	
Total Hexa-PCB	4.38e+08	1.22	y	43:10	1.00	355.257	Sum:459.980
Total Hepta-PCB	3.26e+08	1.05	y	42:48	1.35	354.400	
Total Octa-PCB	1.14e+08	0.89	y	48:12	0.95	149.555	
Total Octa-PCB	1.04e+08	0.90	y	53:08	1.17	142.824	Sum:292.379
Total Nona-PCB	7.21e+07	1.31	y	53:17	0.89	100.002	
Total Deca-PCB	3.39e+07	1.20	y	56:53	1.04	53.2317	

Total PCB Conc:3750.27429300

Integrations
by
Analyst: MI

Date: 2/22/18

Client ID: PCB SSS 17C1025 Filename: 180208E1 S:8 Acq: 8-FEB-18 16:10:35 ConCal: NA
Lab ID: SS180208E1-1 GC Column ID: ZB-1 ICal: PCBVG8-2-8-18 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-1	2.02e+08	3.17 y	1.13	15:59	0.618	0.616-0.622	98.0	98.0
13C-PCB-3	2.20e+08	3.24 y	1.21	18:37	0.720	0.716-0.724	99.3	99.3
13C-PCB-4	1.08e+08	1.53 y	0.59	19:57	0.772	0.769-0.777	99.3	99.3
13C-PCB-9	1.69e+08	1.52 y	0.94	21:45	0.842	0.837-0.845	98.4	98.4
13C-PCB-11	1.72e+08	1.54 y	0.95	25:08	0.973	0.968-0.978	99.1	99.1
13C-PCB-19	1.19e+08	1.07 y	0.62	24:07	0.933	0.928-0.938	105	105
13C-PCB-28	1.49e+08	1.02 y	1.05	29:01	1.004	0.999-1.009	96.9	96.9
13C-PCB-32	1.74e+08	1.05 y	0.91	27:03	1.047	1.041-1.051	105	105
13C-PCB-37	1.50e+08	1.05 y	1.02	32:53	1.138	1.132-1.144	101	101
13C-PCB-47	1.37e+08	0.81 y	0.83	31:56	0.871	0.867-0.875	100	100
13C-PCB-52	1.27e+08	0.81 y	0.76	31:26	0.857	0.853-0.861	102	102
13C-PCB-54	1.56e+08	0.81 y	0.93	27:53	0.760	0.756-0.764	102	102
13C-PCB-70	1.65e+08	0.80 y	1.00	35:27	0.966	0.961-0.971	101	101
13C-PCB-77	1.51e+08	0.80 y	0.96	39:33	1.078	1.073-1.083	96.1	96.1
13C-PCB-80	1.64e+08	0.80 y	1.00	35:52	0.978	0.973-0.983	100	100
13C-PCB-81	1.62e+08	0.81 y	1.01	38:58	1.062	1.057-1.067	98.0	98.0
13C-PCB-95	8.43e+07	1.59 y	0.80	35:44	0.913	0.908-0.918	102	102
13C-PCB-97	7.29e+07	1.59 y	0.70	38:44	0.989	0.984-0.994	101	101
13C-PCB-101	8.46e+07	1.60 y	0.80	37:26	0.956	0.951-0.961	102	102
13C-PCB-104	1.09e+08	1.62 y	1.01	32:35	0.832	0.828-0.836	104	104
13C-PCB-105	1.01e+08	1.56 y	1.14	42:59	0.929	0.924-0.934	100	100
13C-PCB-114	1.03e+08	1.59 y	1.18	42:07	0.910	0.905-0.915	98.7	98.7
13C-PCB-118	1.01e+08	1.59 y	1.00	41:28	1.059	1.054-1.064	98.1	98.1
13C-PCB-123	9.86e+07	1.58 y	0.95	41:17	1.054	1.049-1.059	101	101
13C-PCB-126	9.62e+07	1.55 y	1.14	45:13	0.977	0.972-0.982	96.0	96.0
13C-PCB-127	1.08e+08	1.58 y	1.24	43:19	0.936	0.931-0.941	98.5	98.5
13C-PCB-138	1.02e+08	1.28 y	1.17	44:43	0.967	0.962-0.972	98.6	98.6
13C-PCB-141	9.79e+07	1.26 y	1.11	43:53	0.948	0.944-0.954	100	100
13C-PCB-153	1.18e+08	1.25 y	1.34	43:09	0.933	0.928-0.938	100.0	100.0
13C-PCB-155	8.75e+07	1.31 y	0.83	36:58	0.944	0.939-0.949	103	103
13C-PCB-156	1.20e+08	1.28 y	1.38	47:58	1.037	1.032-1.042	98.8	98.8
13C-PCB-157	1.18e+08	1.28 y	1.37	48:14	1.042	1.037-1.047	97.4	97.4
13C-PCB-159	1.20e+08	1.25 y	1.39	45:60	0.994	0.989-0.999	98.4	98.4
13C-PCB-167	1.23e+08	1.27 y	1.40	46:41	1.009	1.004-1.014	99.6	99.6
13C-PCB-169	1.18e+08	1.25 y	1.39	50:27	1.090	1.085-1.095	96.6	96.6
13C-PCB-170	5.09e+07	0.46 y	0.86	50:51	1.103	1.097-1.109	97.7	97.7
13C-PCB-180	5.80e+07	0.46 y	0.98	49:15	1.069	1.064-1.074	97.8	97.8
13C-PCB-188	8.70e+07	0.46 y	1.40	42:47	0.928	0.923-0.933	103	103
13C-PCB-189	6.75e+07	0.47 y	1.15	52:27	1.138	1.132-1.144	96.9	96.9
13C-PCB-194	6.22e+07	0.90 y	0.77	54:01	0.995	0.990-1.000	99.5	99.5
13C-PCB-202	7.76e+07	0.93 y	1.28	48:11	1.045	1.040-1.050	99.8	99.8
13C-PCB-206	6.68e+07	0.78 y	0.81	55:33	1.023	1.019-1.029	102	102
13C-PCB-208	9.49e+07	0.79 y	1.09	53:16	0.981	0.977-0.987	107	107
13C-PCB-209	6.11e+07	1.19 y	0.74	56:52	1.048	1.043-1.053	102	102

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-79	1.66e+08	0.80 y	1.03	37:45	1.029	1.024-1.034	98.0	98.0
13C-PCB-178	5.63e+07	0.45 y	0.93	45:34	0.985	0.980-0.990	100	100

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL-UCL	Conc	Rec
13C-PCB-79	1.66e+08	0.80 y	1.03	37:45	0.969	0.963-0.973	100.0	100.0
13C-PCB-178	5.63e+07	0.45 y	0.95	45:34	0.925	0.920-0.930	102	102

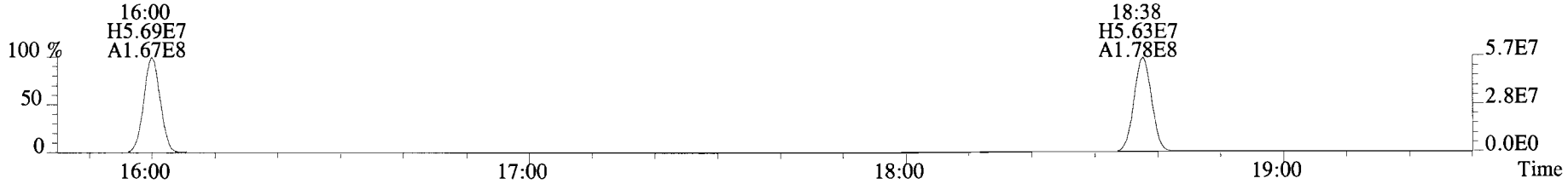
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.83e+08	1.55 y	1.00	25:51	100
13C-PCB-31	1.46e+08	1.03 y	1.00	28:54	100
13C-PCB-60	1.64e+08	0.80 y	1.00	36:41	100
13C-PCB-111	1.03e+08	1.57 y	1.00	39:10	100
13C-PCB-128	8.81e+07	1.26 y	1.00	46:16	100
13C-PCB-182	6.07e+07	0.47 y	1.00	46:06	100
13C-PCB-205	8.12e+07	0.92 y	1.00	54:17	100

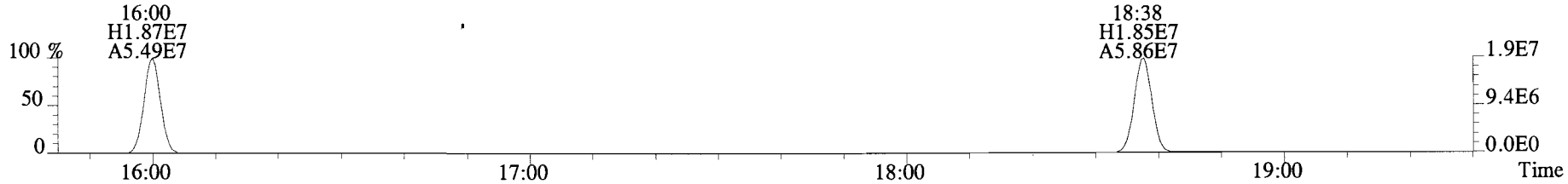
Analyst: MI

Date: 2/22/18

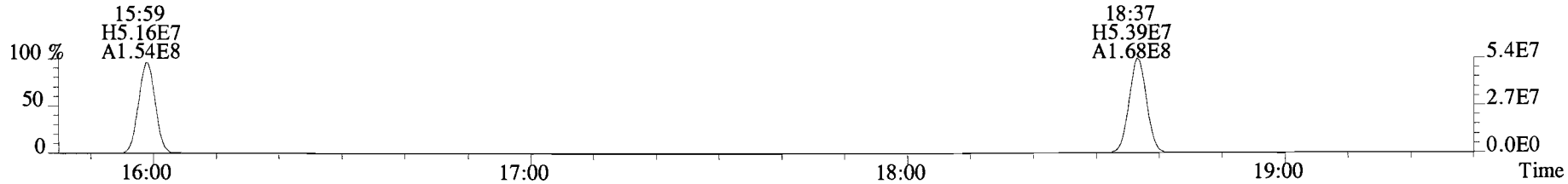
File:180208E1 #1-867 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8184.0,0.00%,F,F)



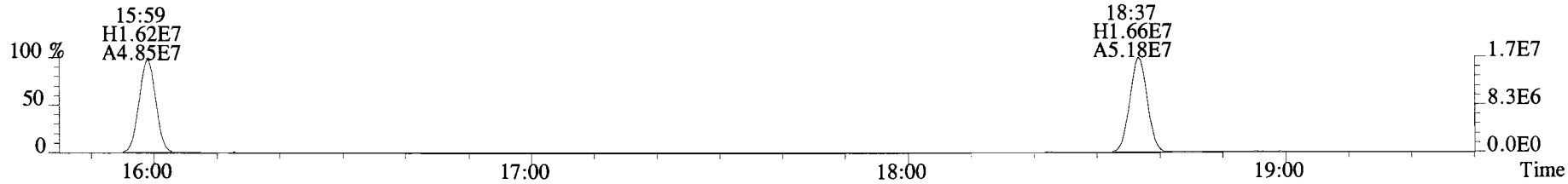
190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5228.0,0.00%,F,F)



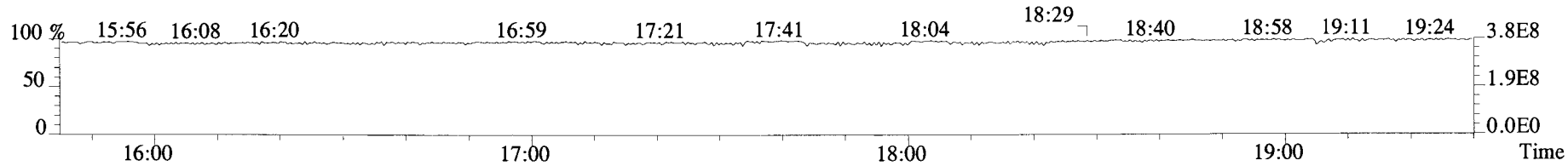
200.0795 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5992.0,0.00%,F,F)



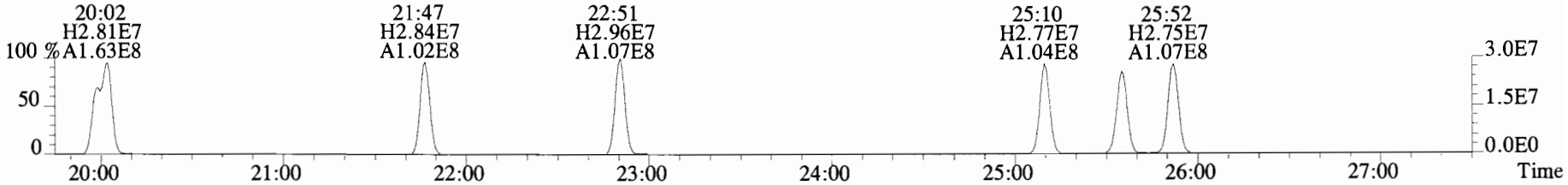
202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38260.0,0.00%,F,F)



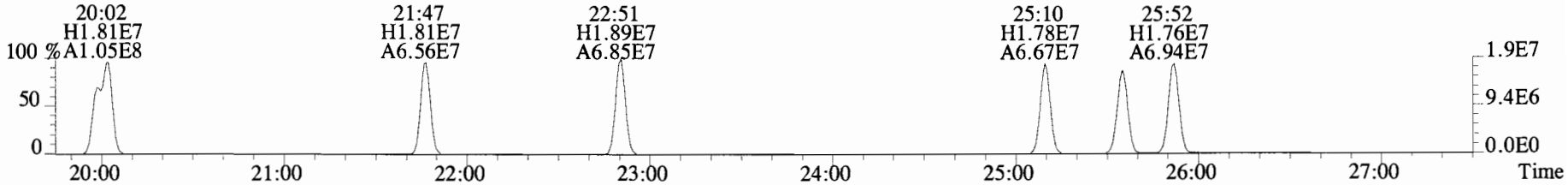
180.9880 S:8



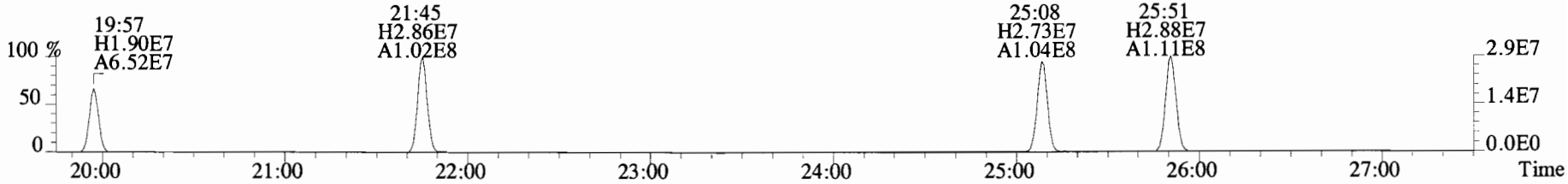
File:180208E1 #1-757 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4540.0,0.00%,F,F)



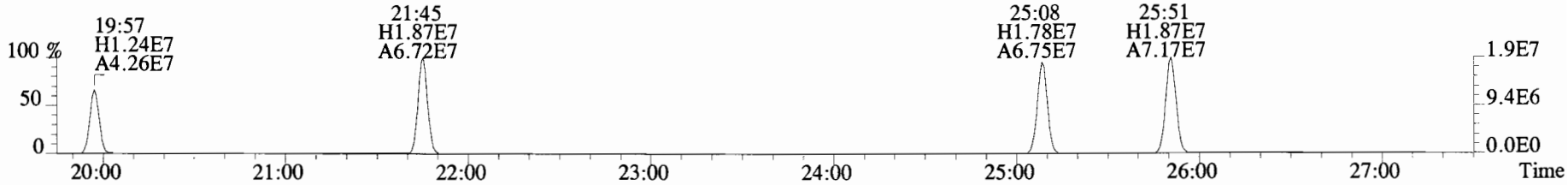
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10300.0,0.00%,F,F)



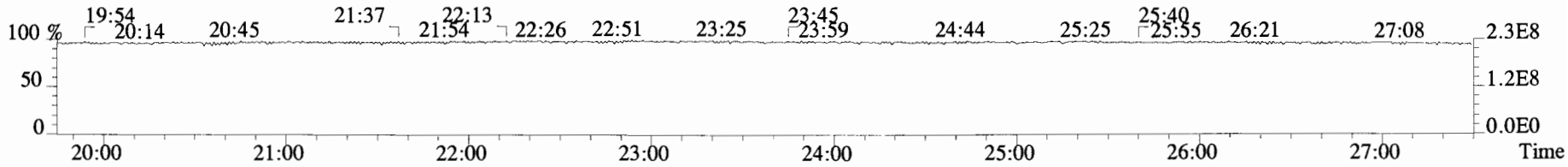
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5316.0,0.00%,F,F)



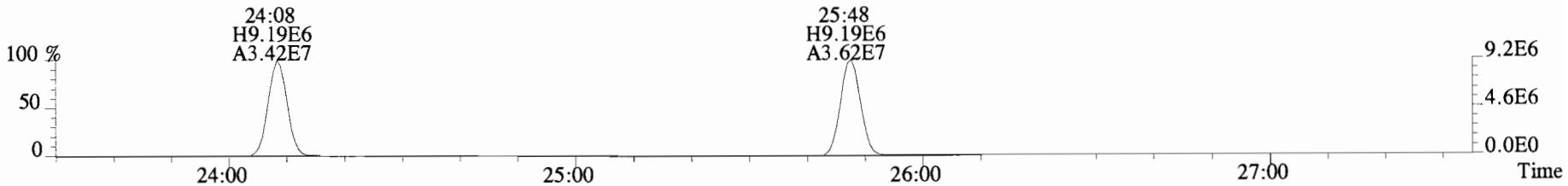
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4056.0,0.00%,F,F)



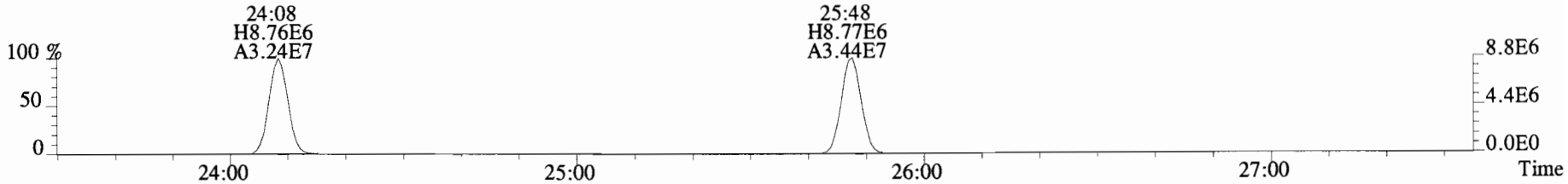
230.9856 S:8 F:2



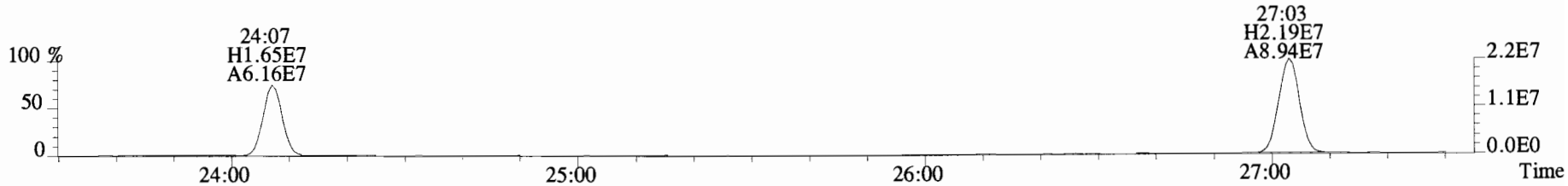
File:180208E1 #1-757 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4292.0,0.00%,F,F)



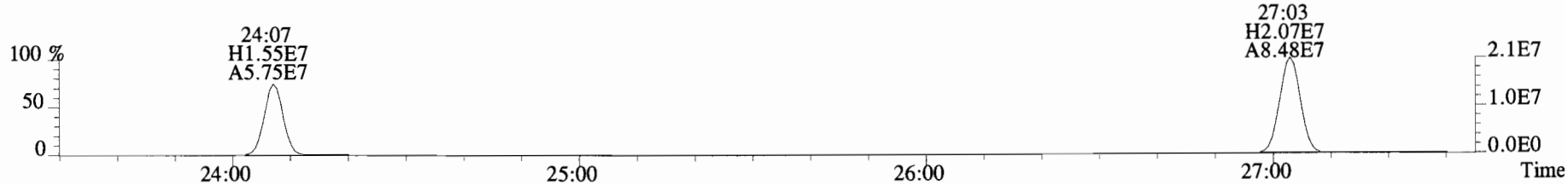
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3252.0,0.00%,F,F)



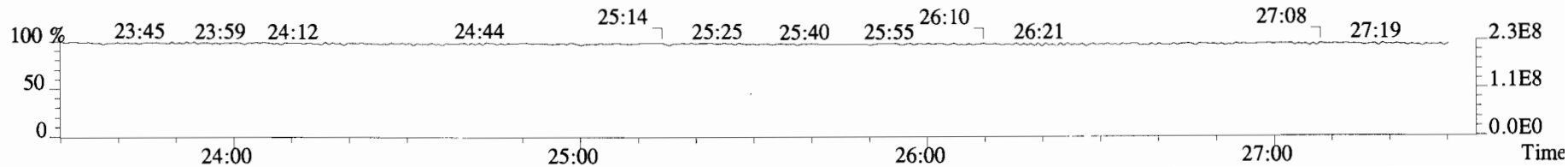
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75768.0,0.00%,F,F)



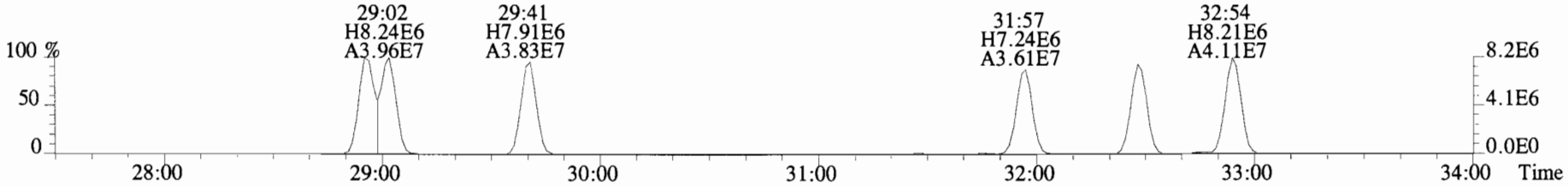
269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31388.0,0.00%,F,F)



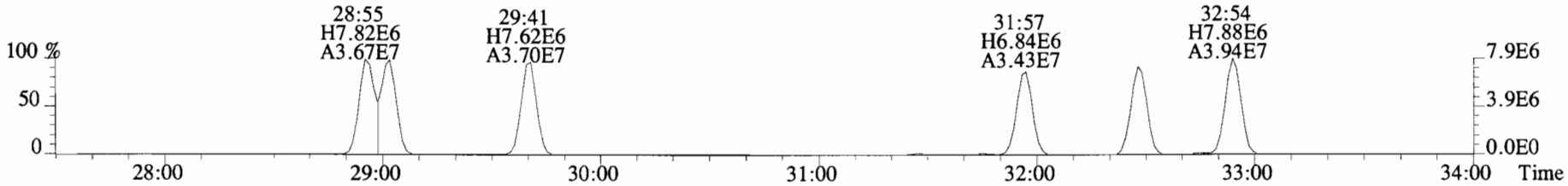
230.9856 S:8 F:2



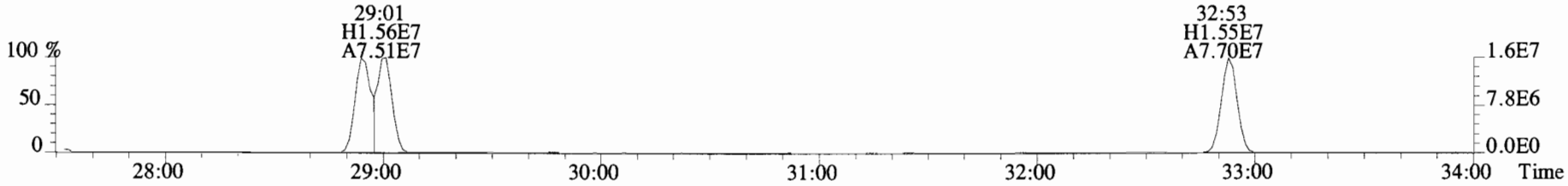
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5224.0,0.00%,F,F)



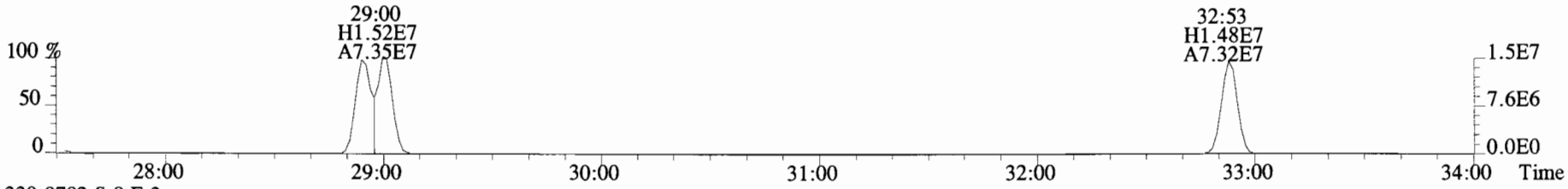
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4788.0,0.00%,F,F)



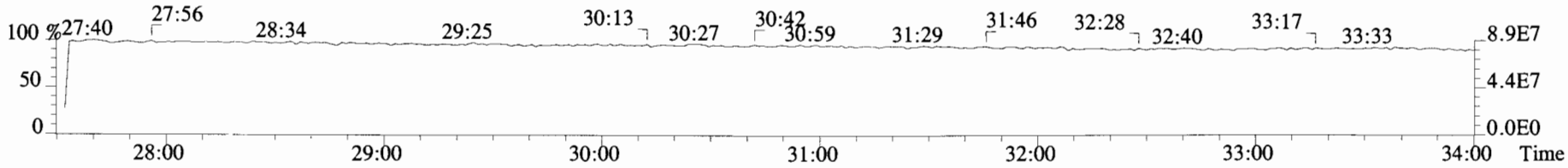
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47792.0,0.00%,F,F)



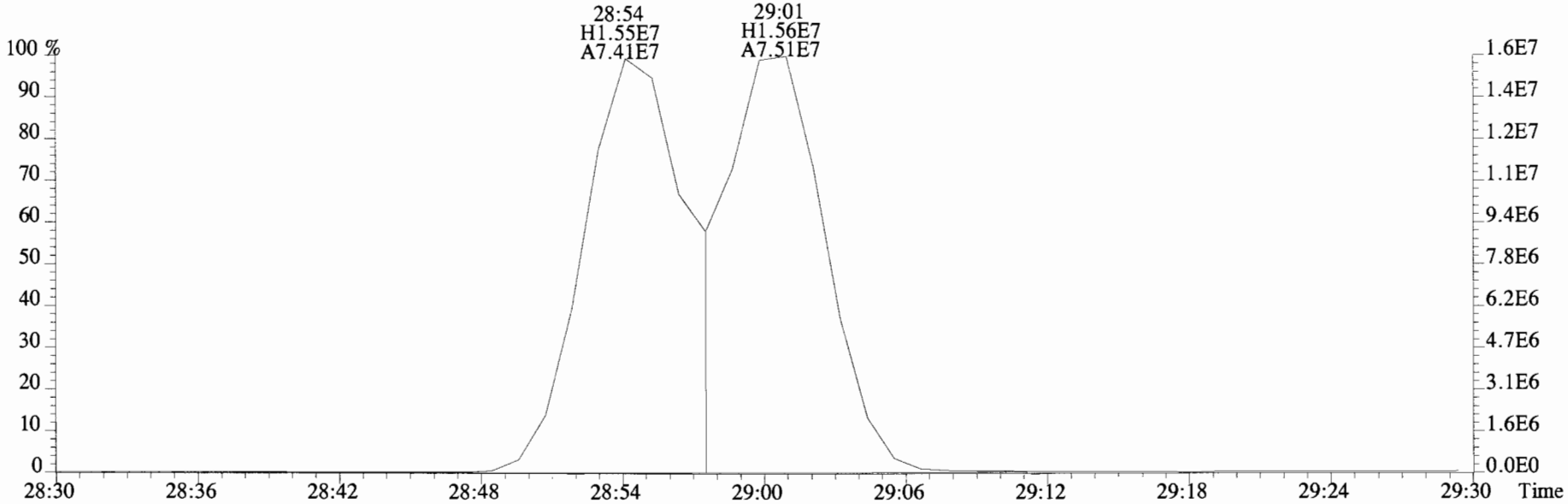
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20416.0,0.00%,F,F)



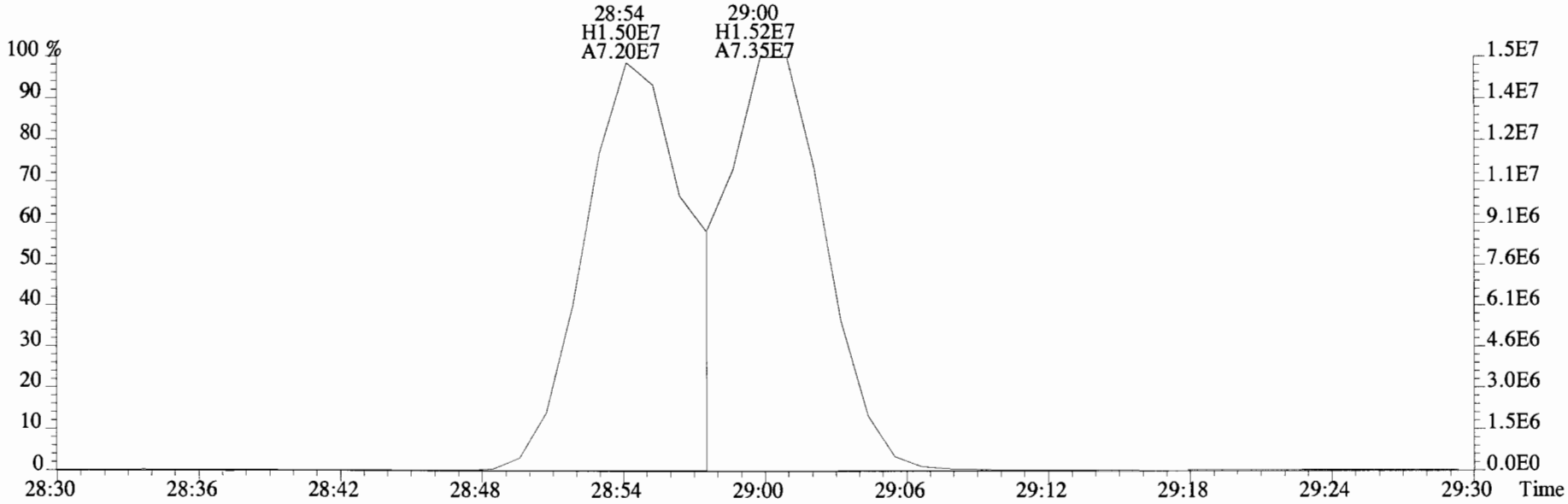
330.9792 S:8 F:3



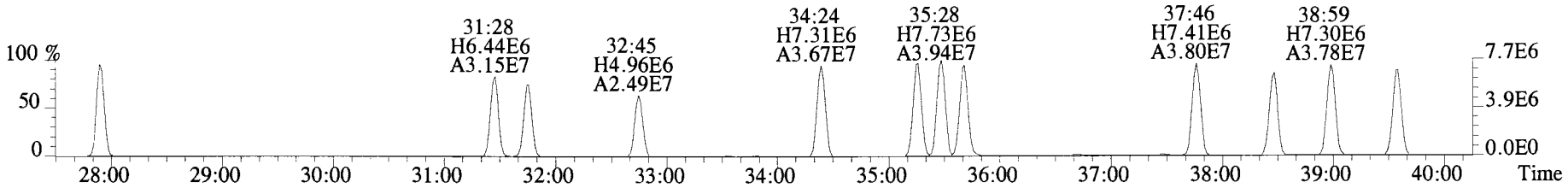
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47792.0,0.00%,F,F)



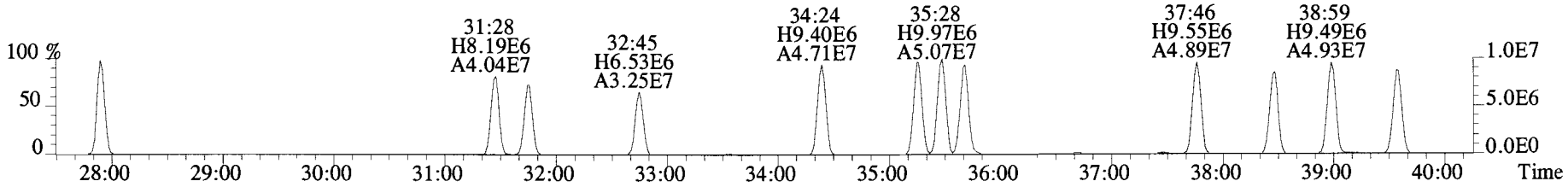
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20416.0,0.00%,F,F)



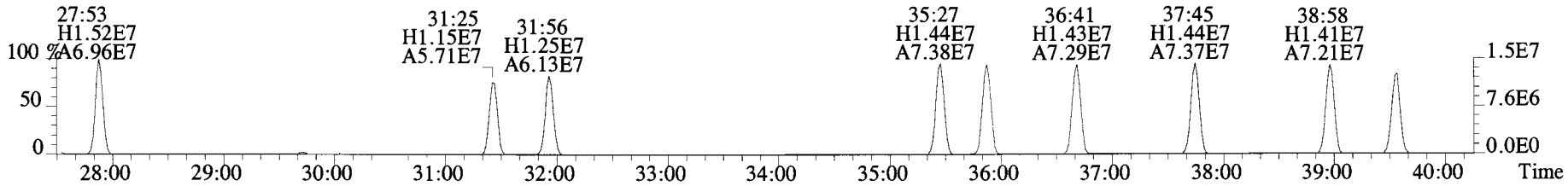
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



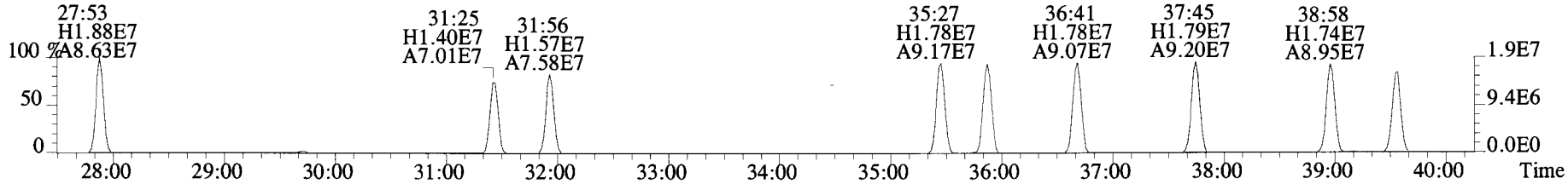
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



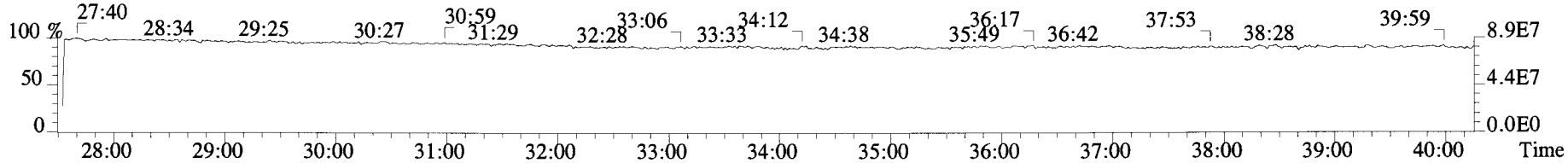
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



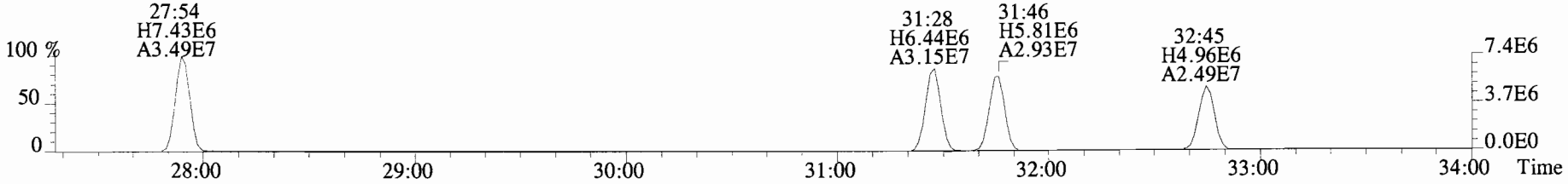
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



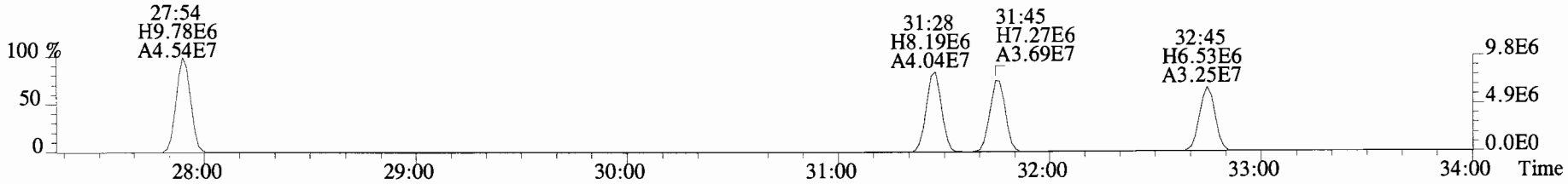
330.9792 S:8 F:3



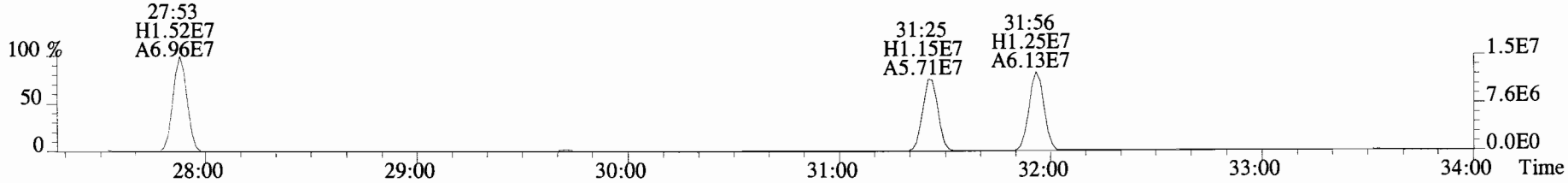
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



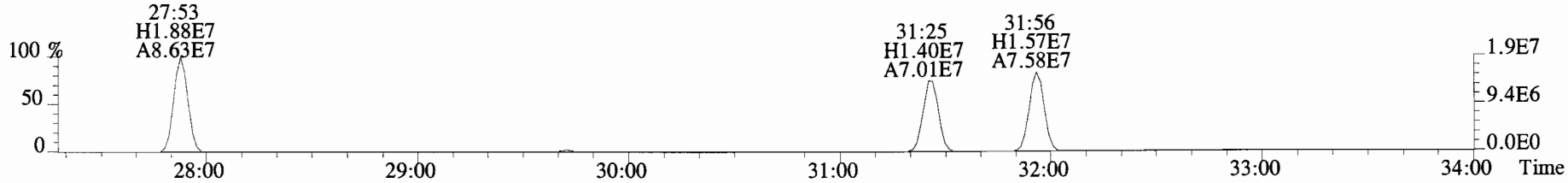
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



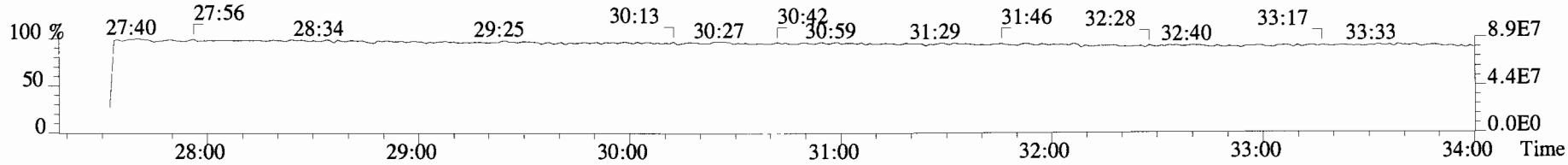
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



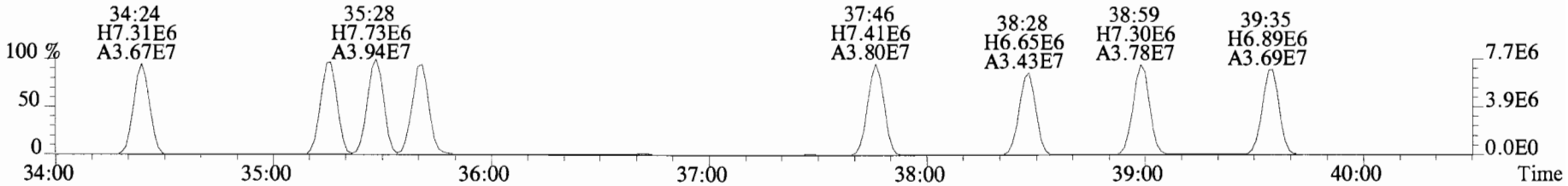
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



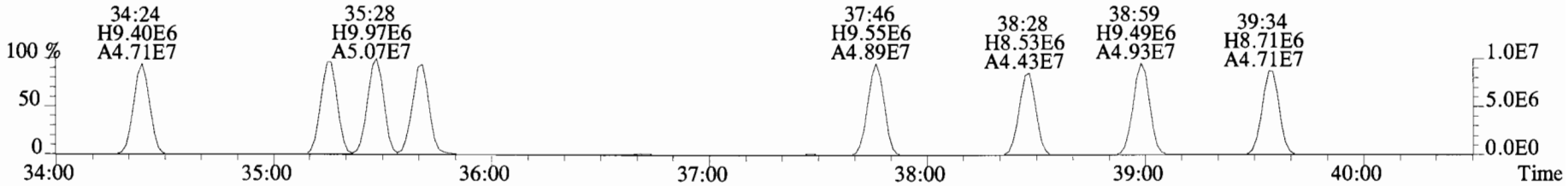
330.9792 S:8 F:3



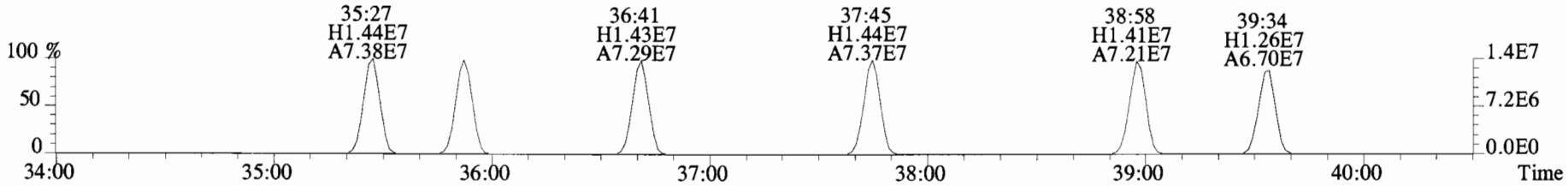
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



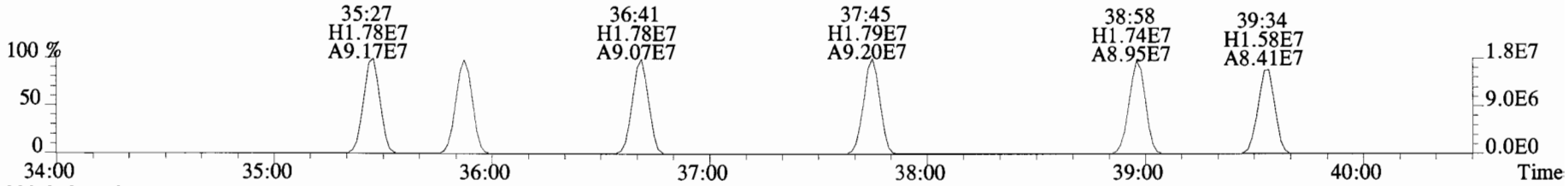
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



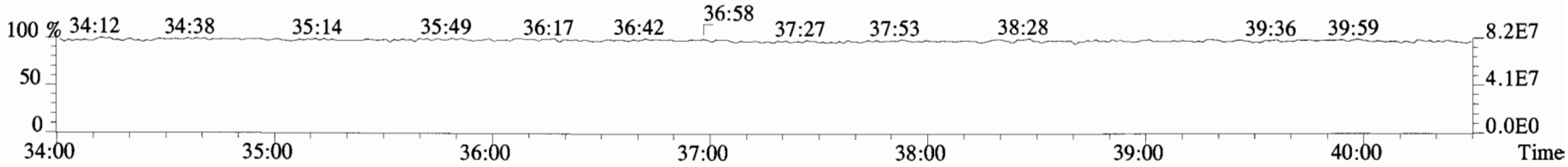
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



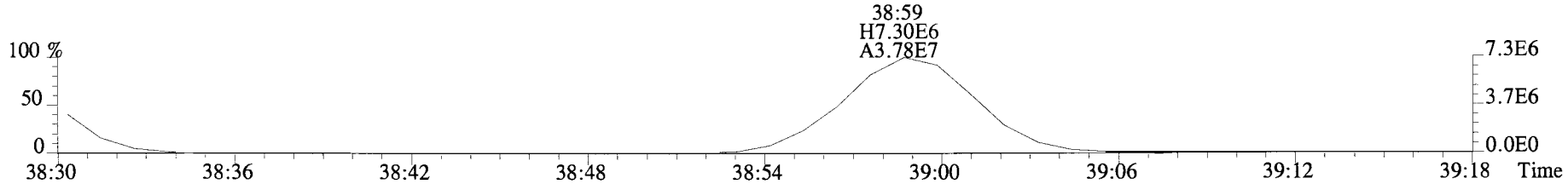
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



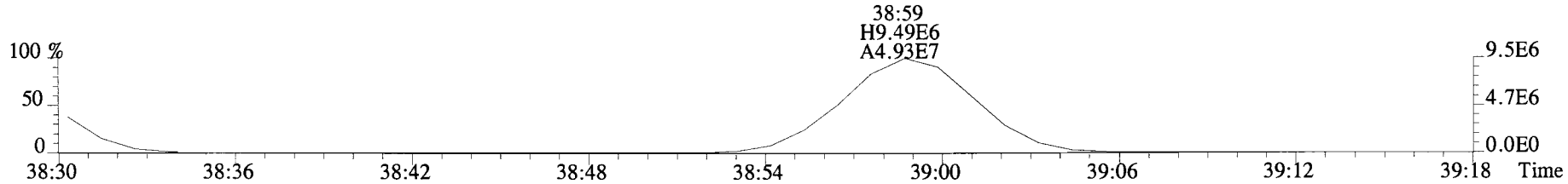
330.9792 S:8 F:3



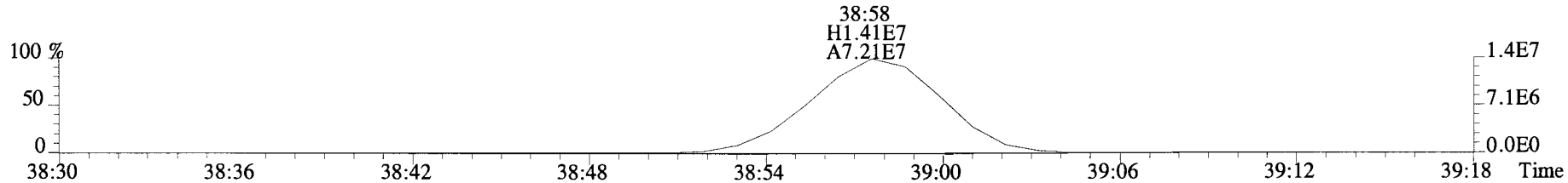
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



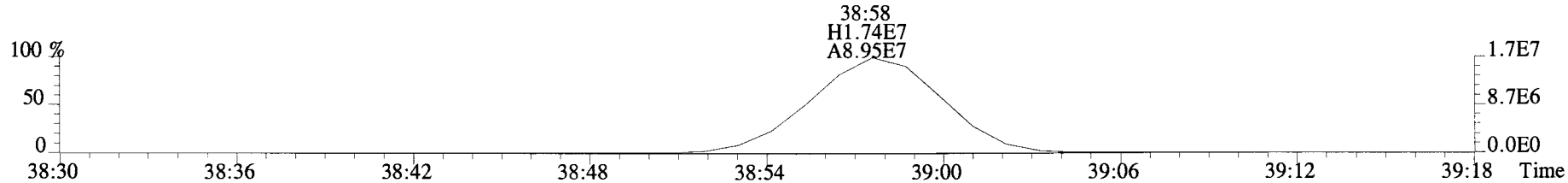
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5996.0,0.00%,F,F)



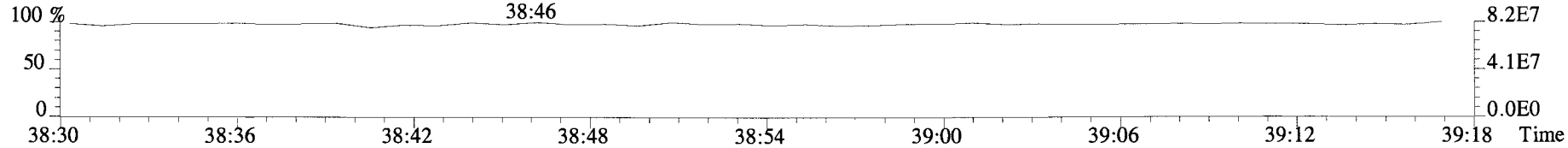
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



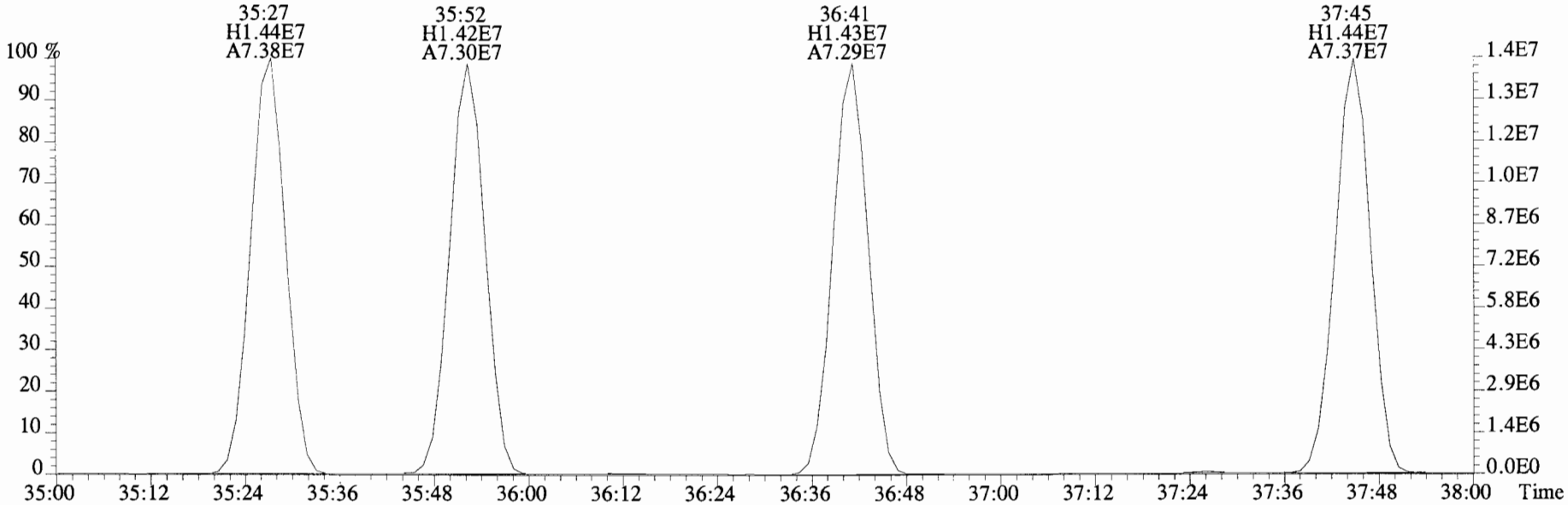
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



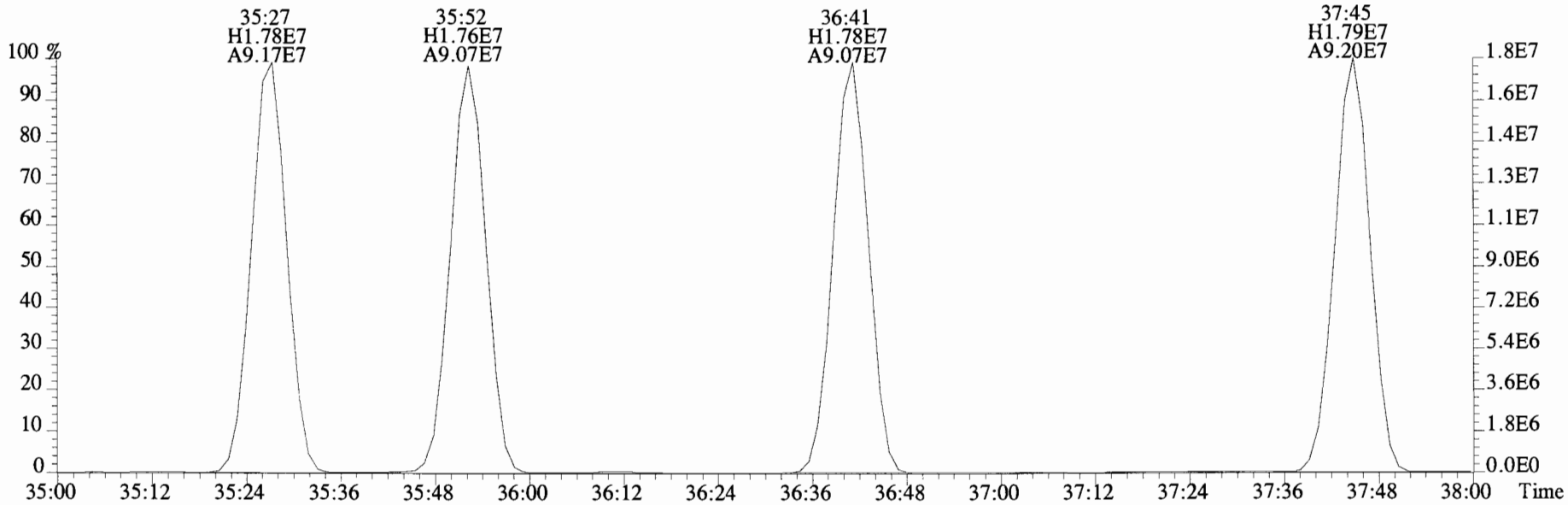
330.9792 S:8 F:3



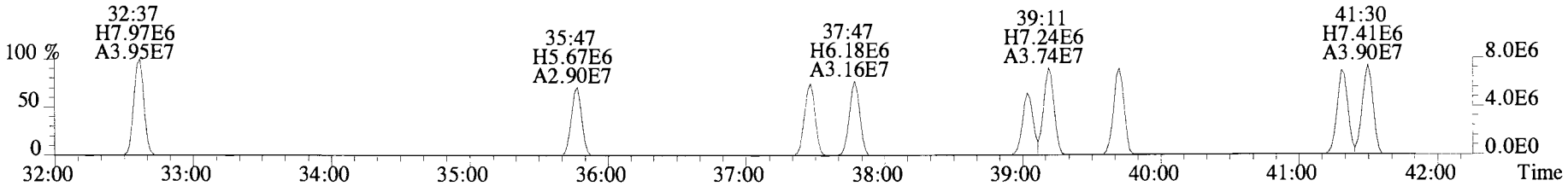
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22836.0,0.00%,F,F)



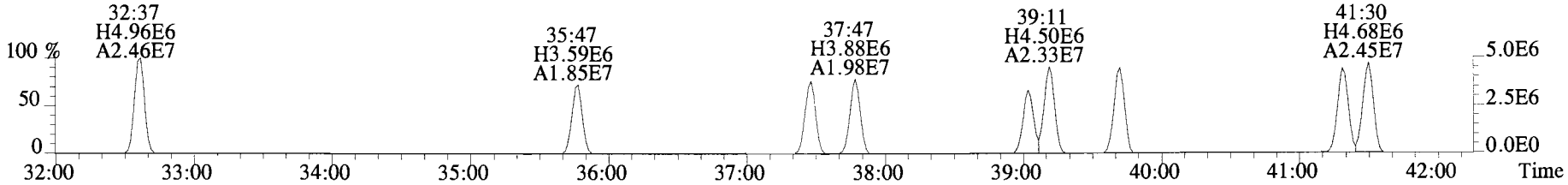
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17480.0,0.00%,F,F)



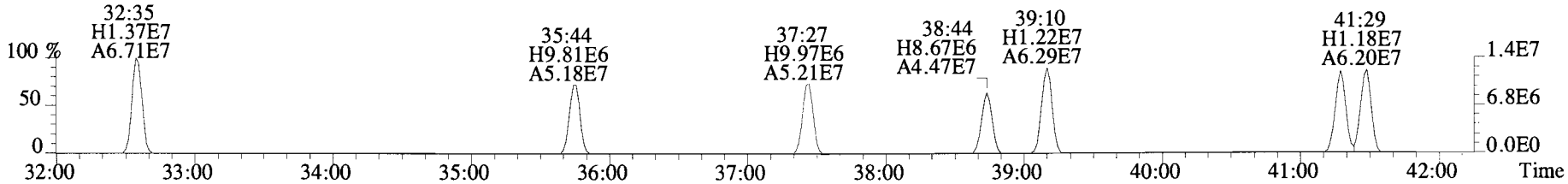
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



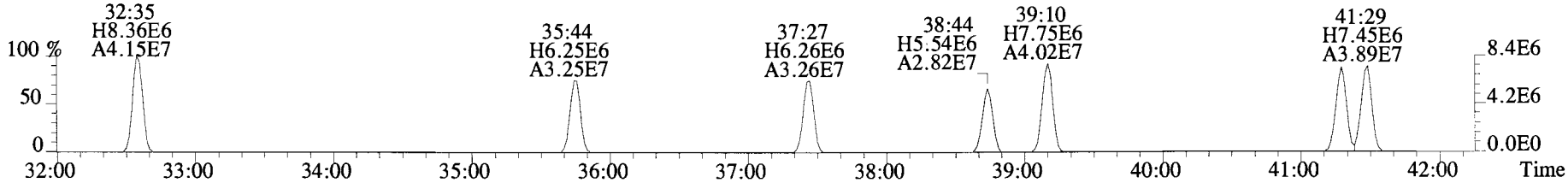
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



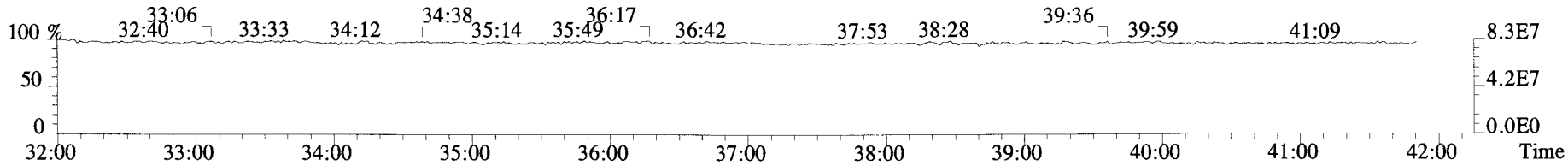
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



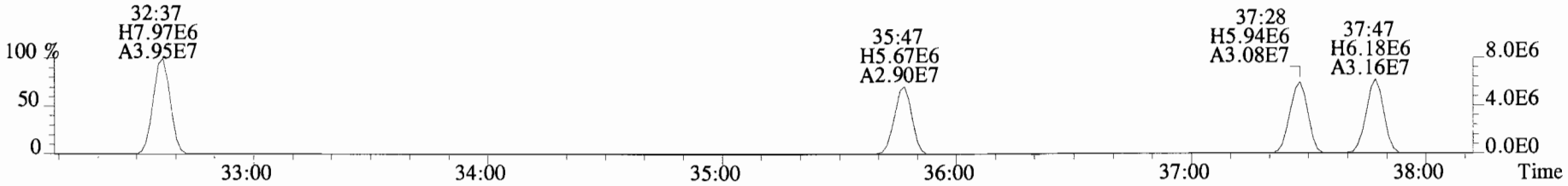
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



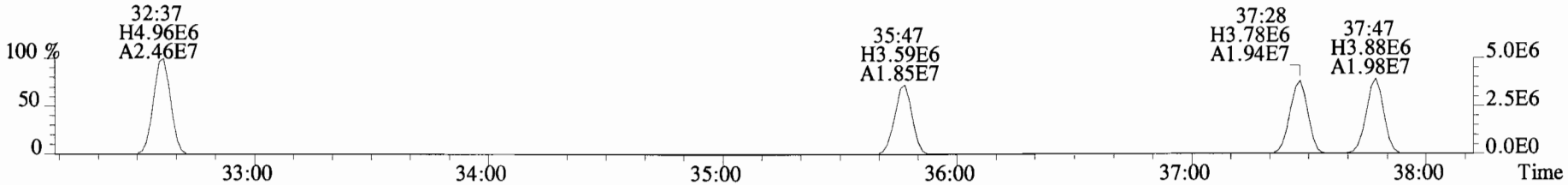
330.9792 S:8 F:3



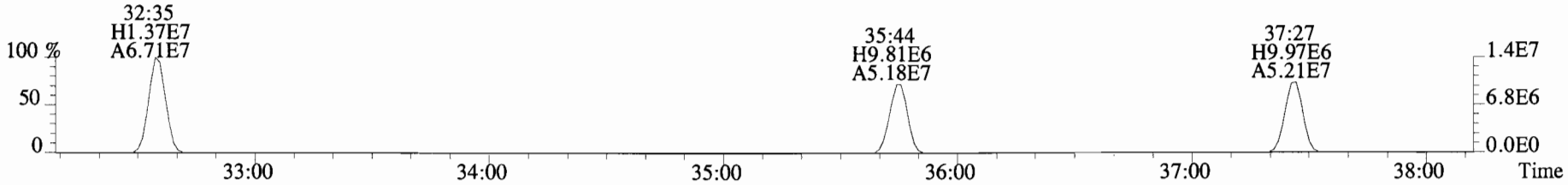
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



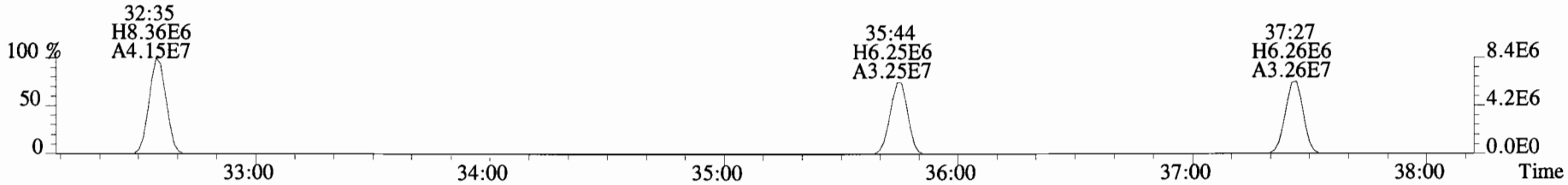
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



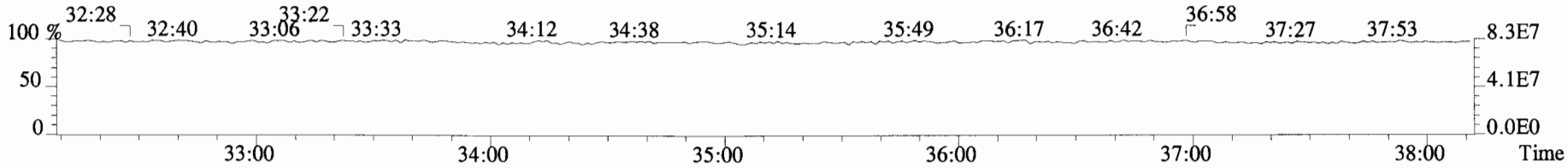
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



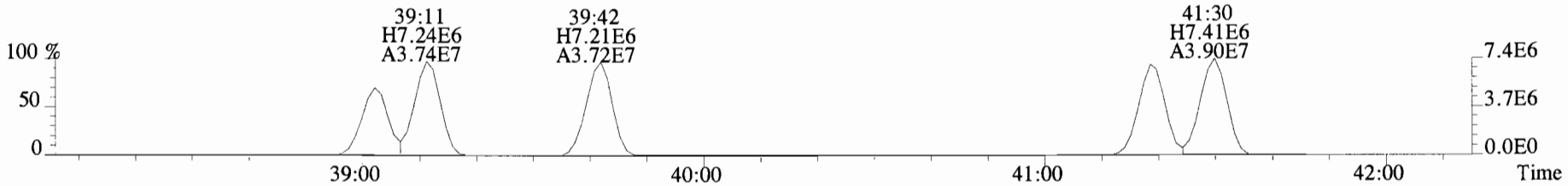
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



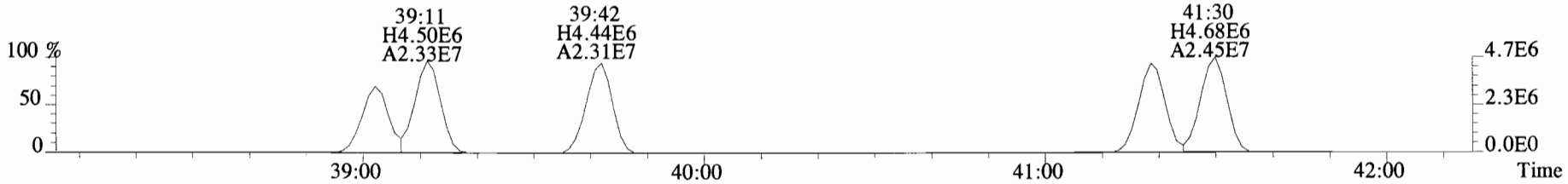
330.9792 S:8 F:3



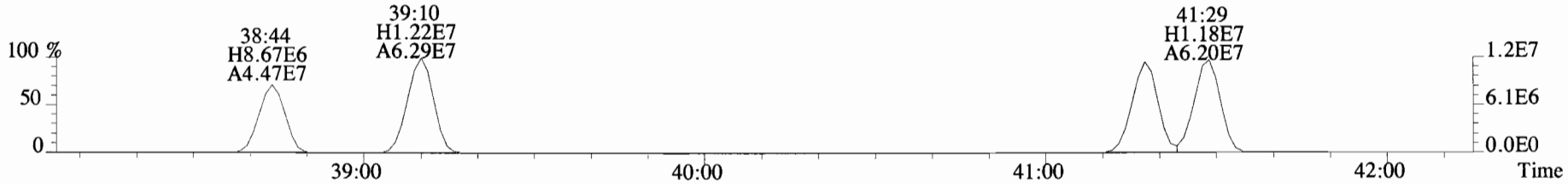
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3280.0,0.00%,F,F)



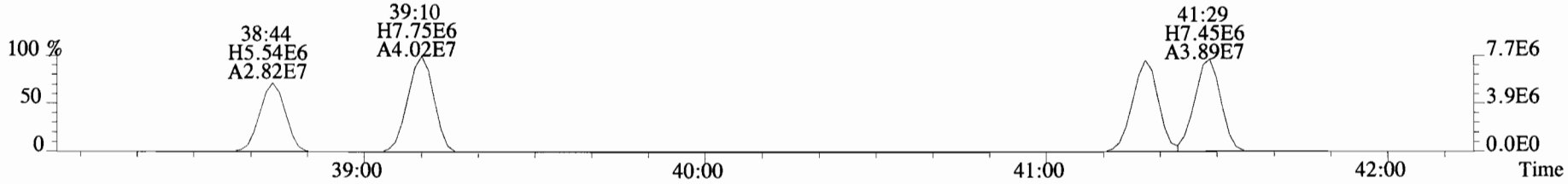
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



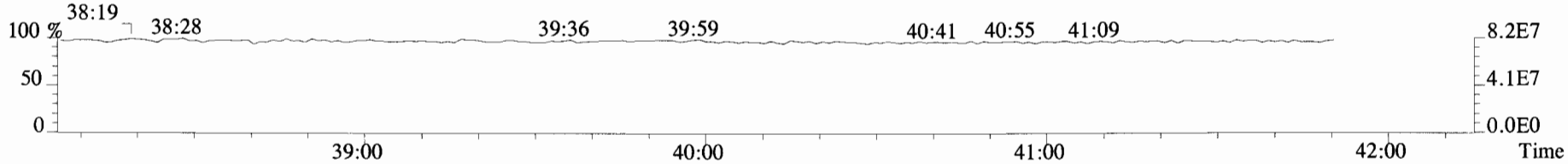
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



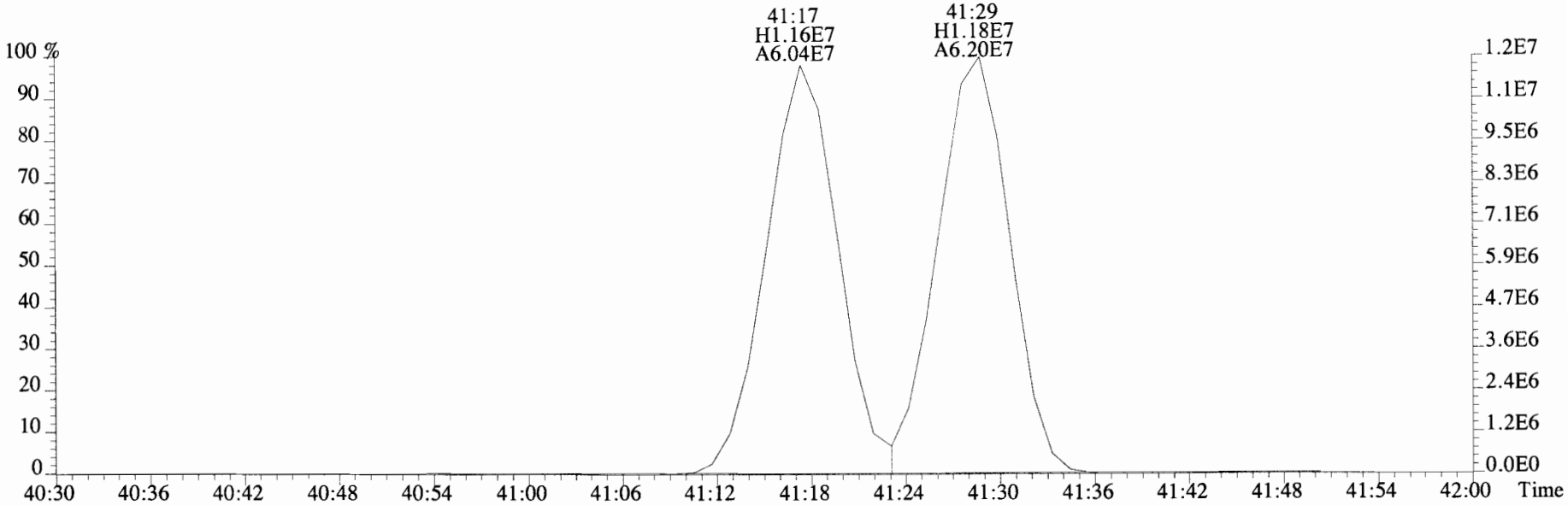
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



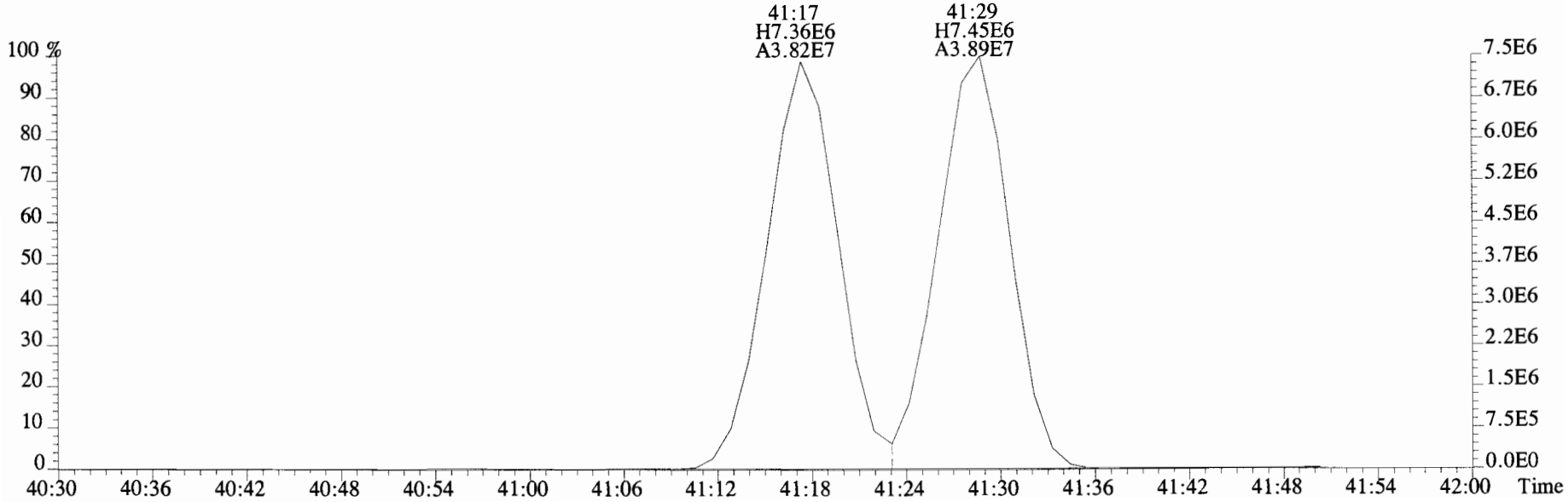
330.9792 S:8 F:3



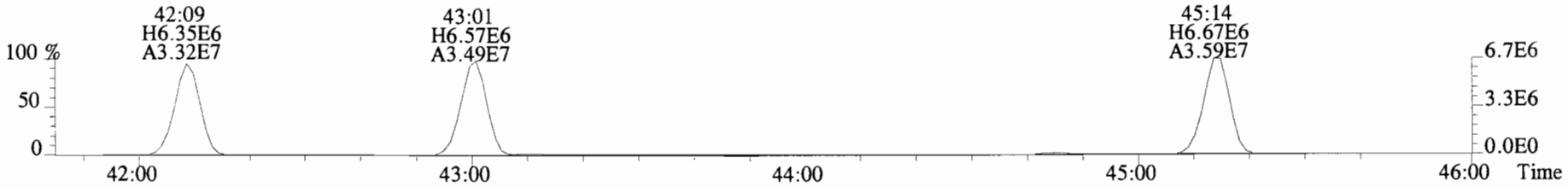
File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



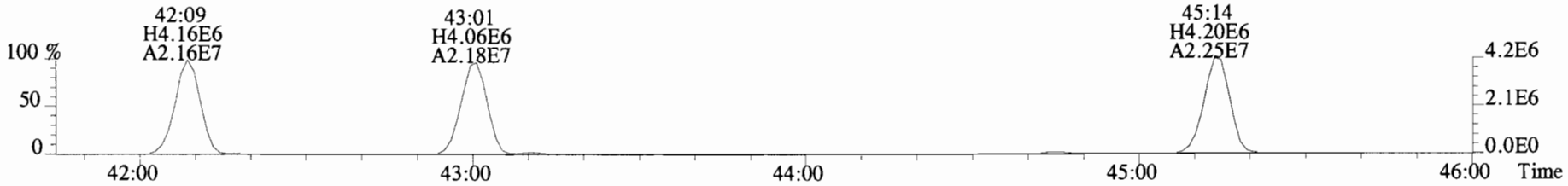
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



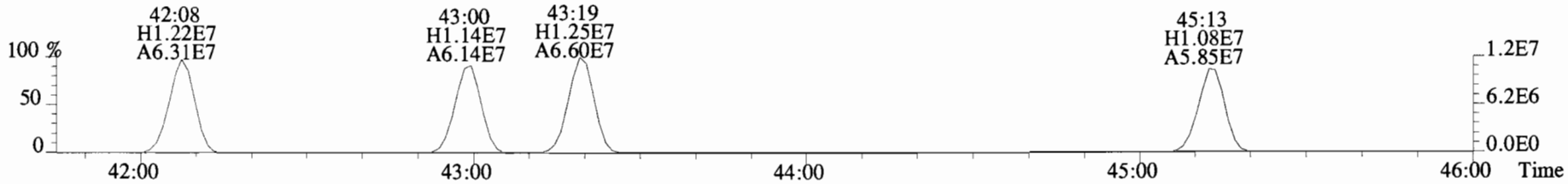
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6988.0,0.00%,F,F)



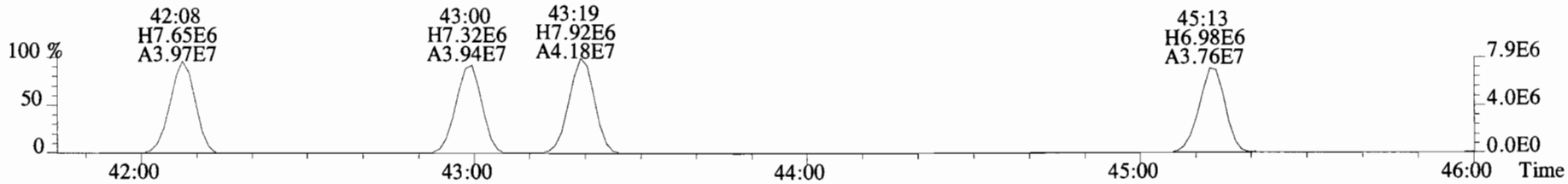
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6008.0,0.00%,F,F)



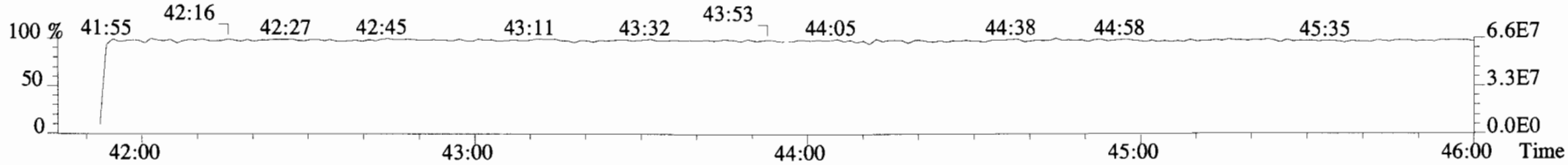
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9960.0,0.00%,F,F)



339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6616.0,0.00%,F,F)

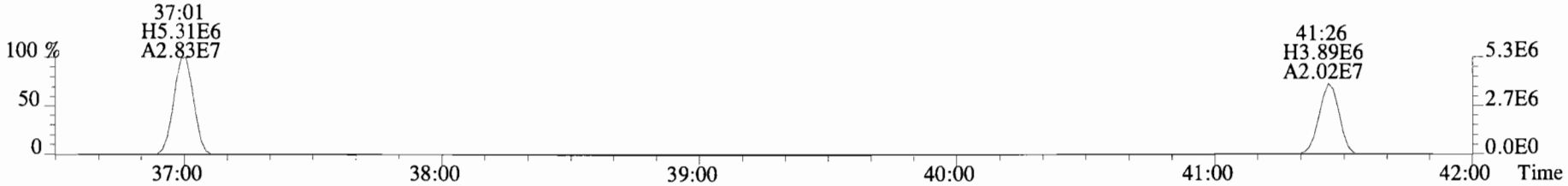


380.9760 S:8 F:4

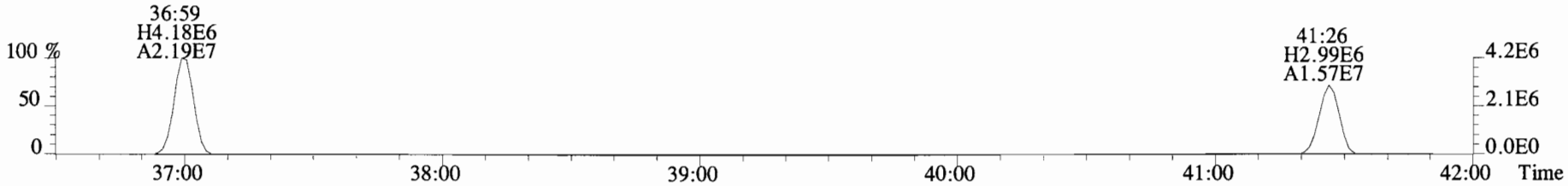


File:180208E1 #1-756 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1

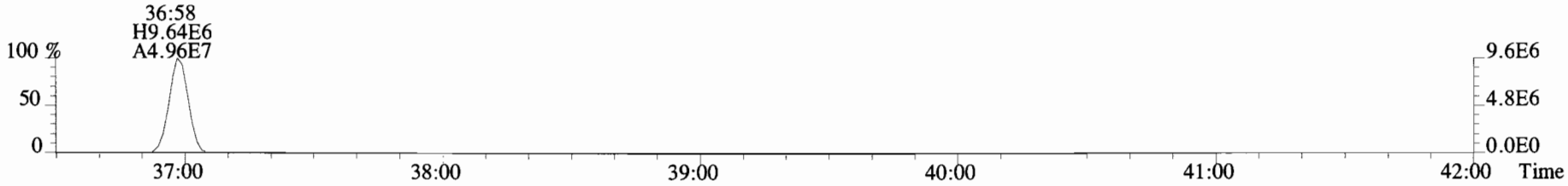
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2400.0,0.00%,F,F)



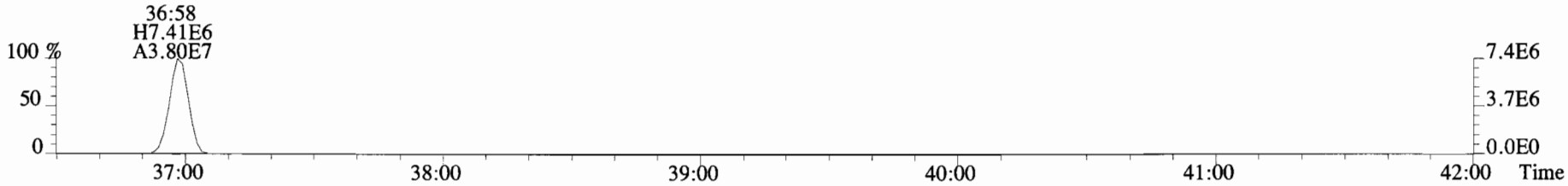
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



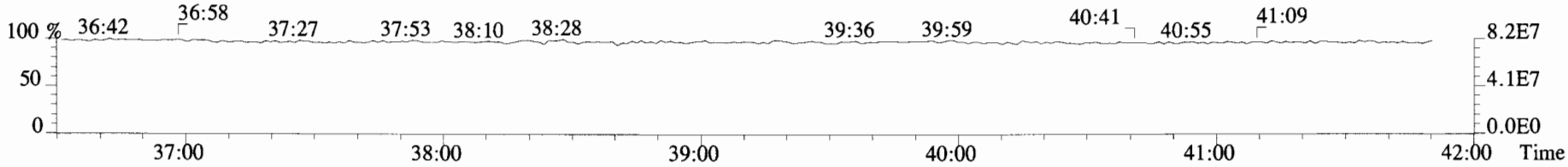
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



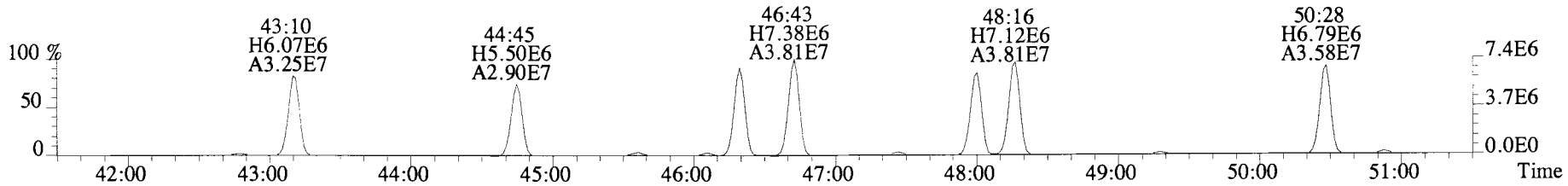
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2472.0,0.00%,F,F)



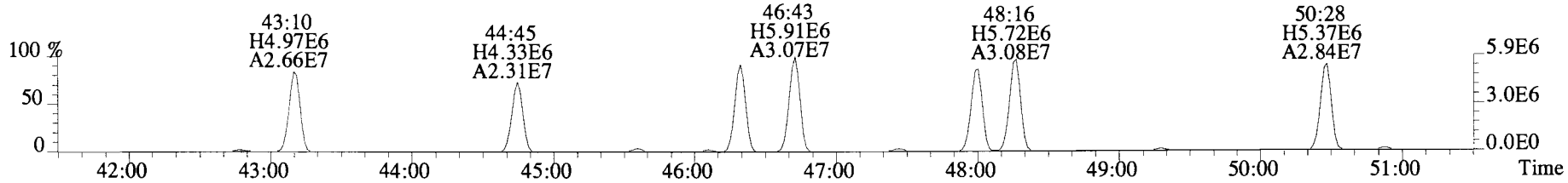
330.9792 S:8 F:3



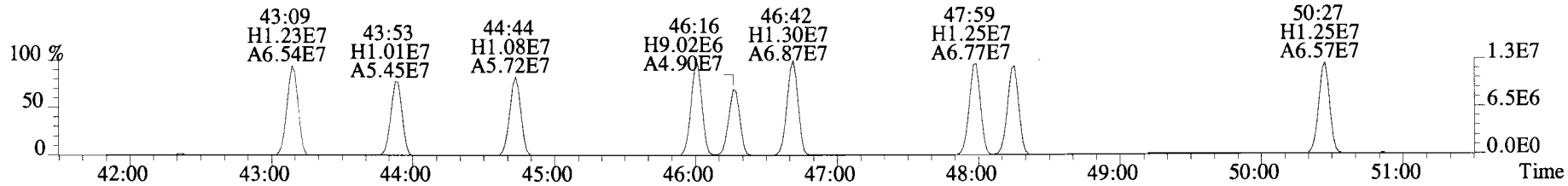
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10208.0,0.00%,F,F)



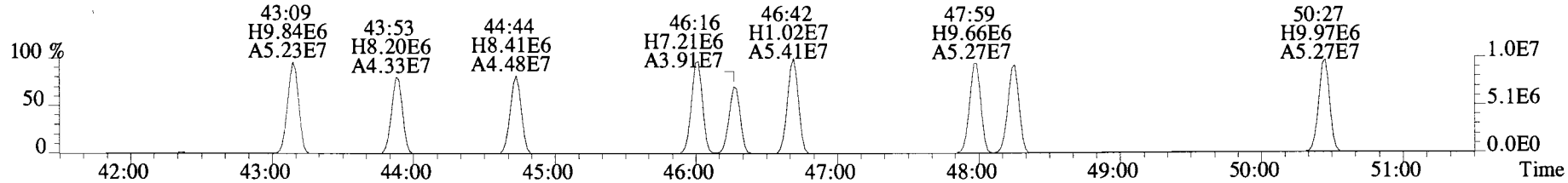
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8204.0,0.00%,F,F)



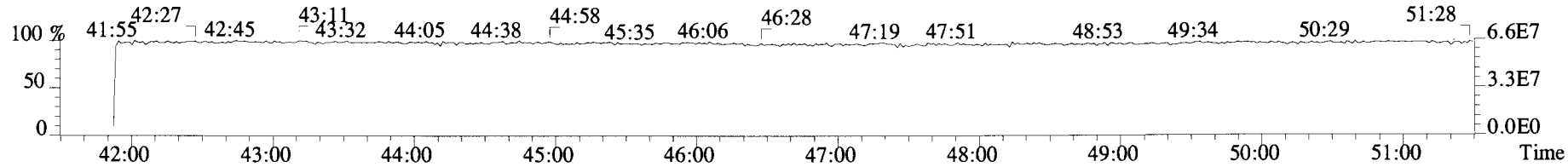
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



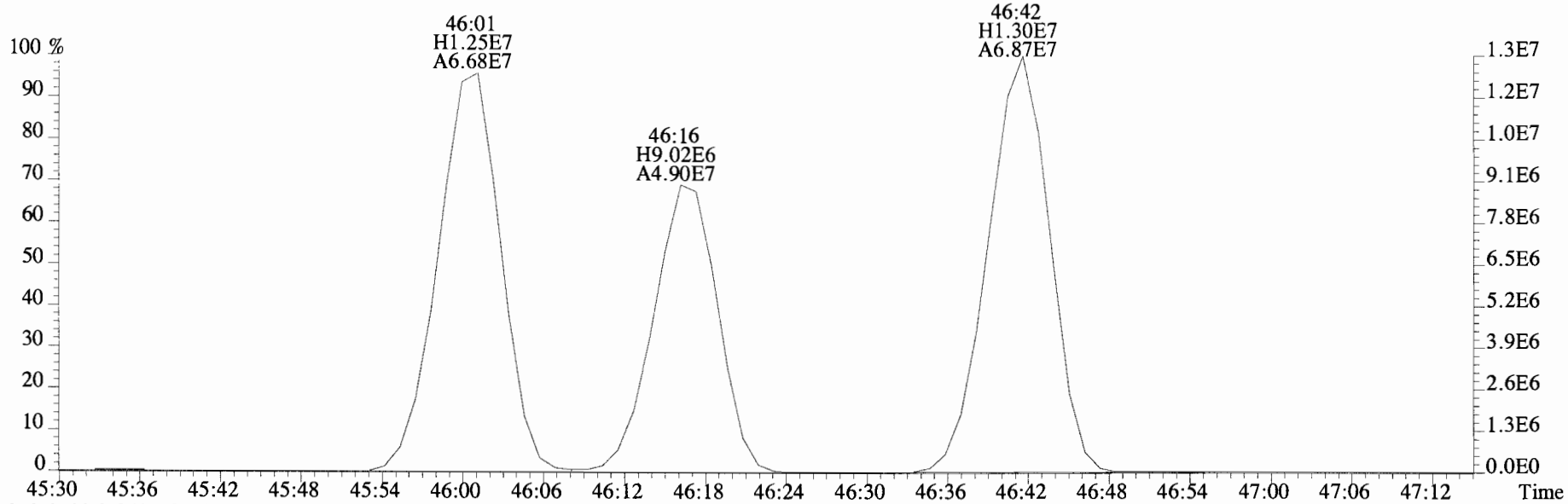
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



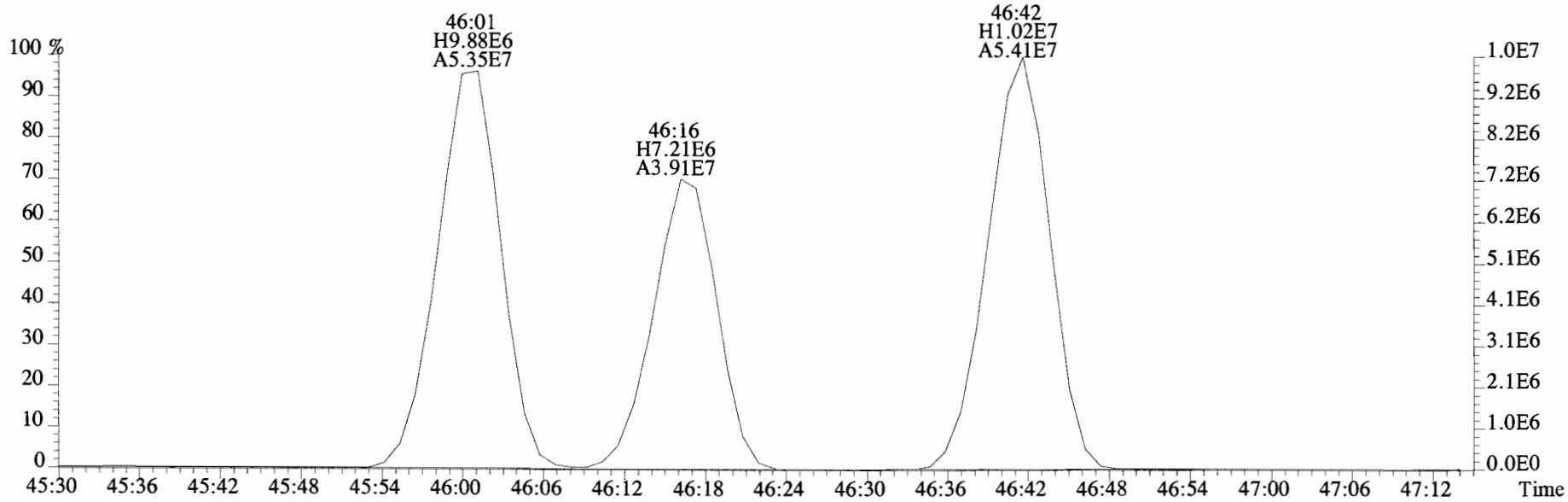
380.9760 S:8 F:4



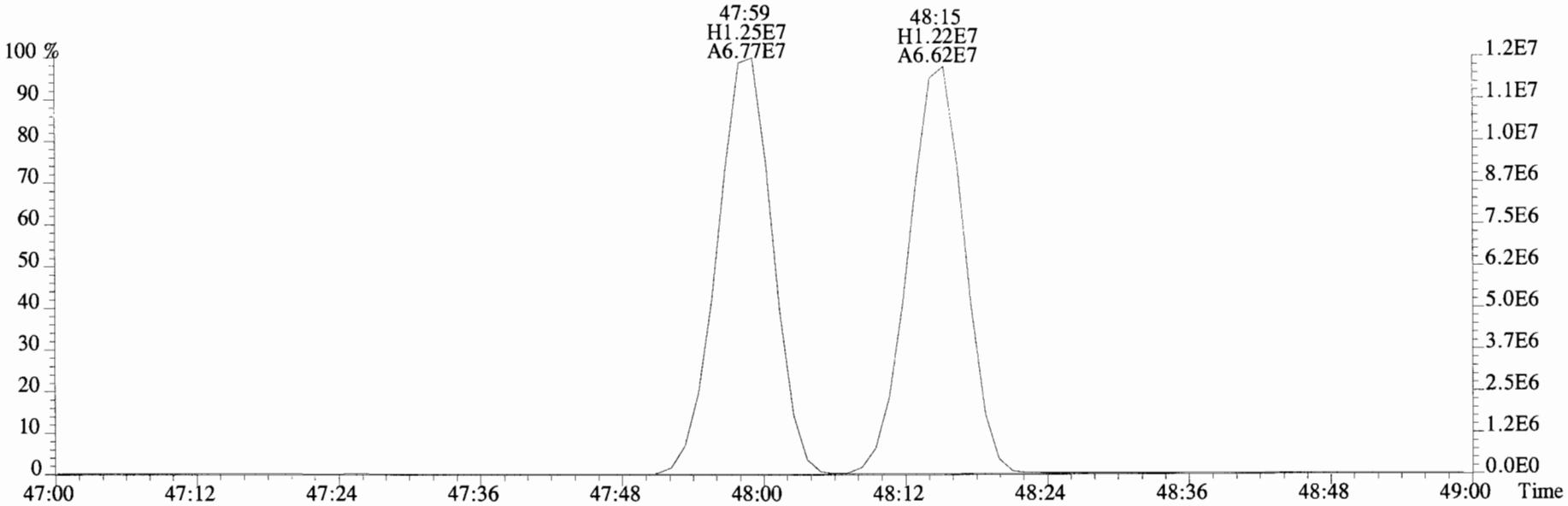
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



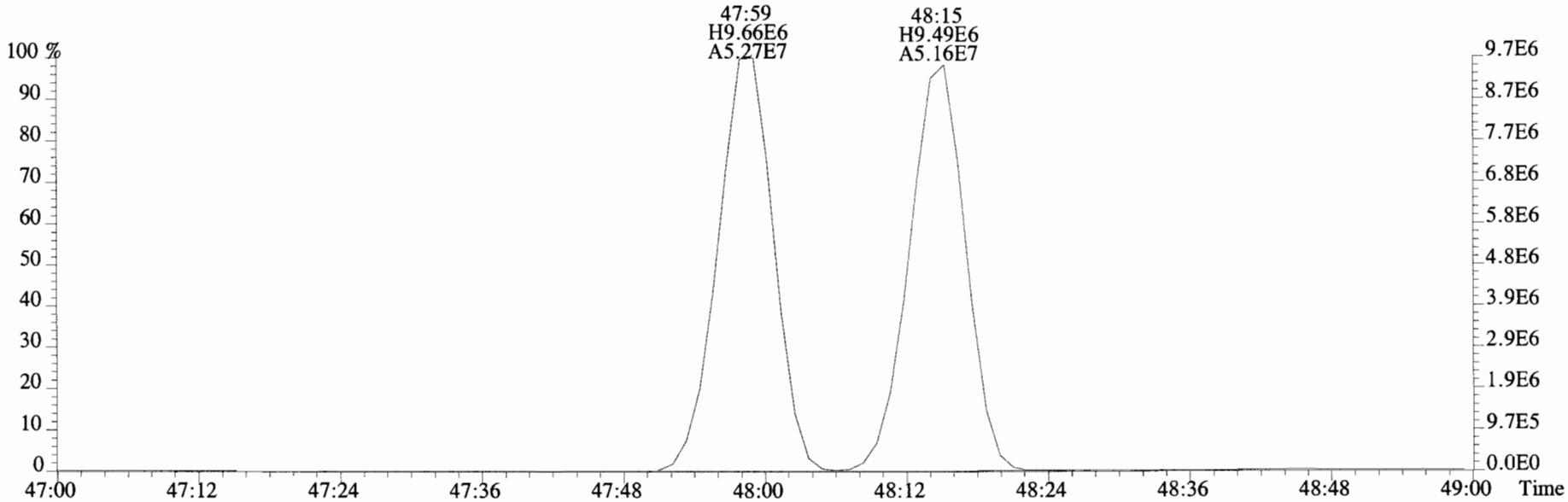
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



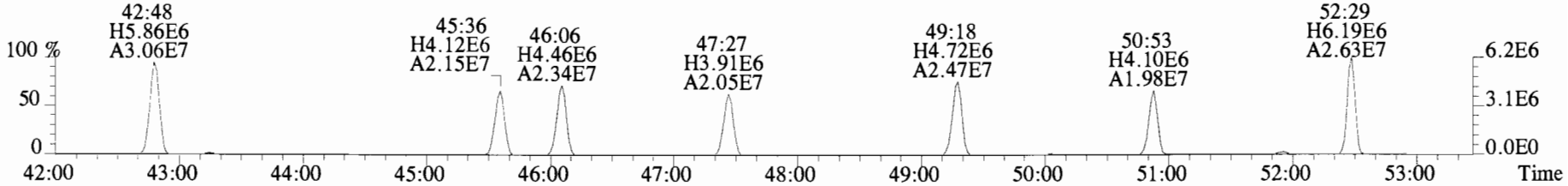
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15668.0,0.00%,F,F)



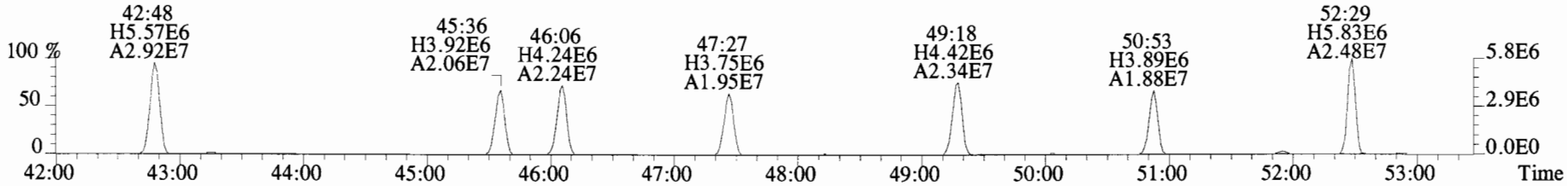
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12352.0,0.00%,F,F)



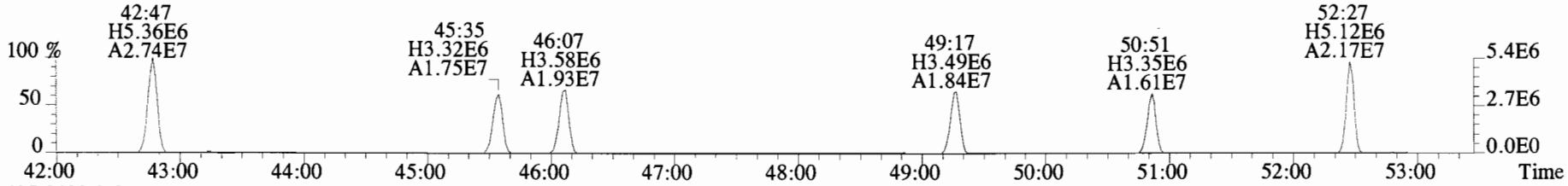
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4876.0,0.00%,F,F)



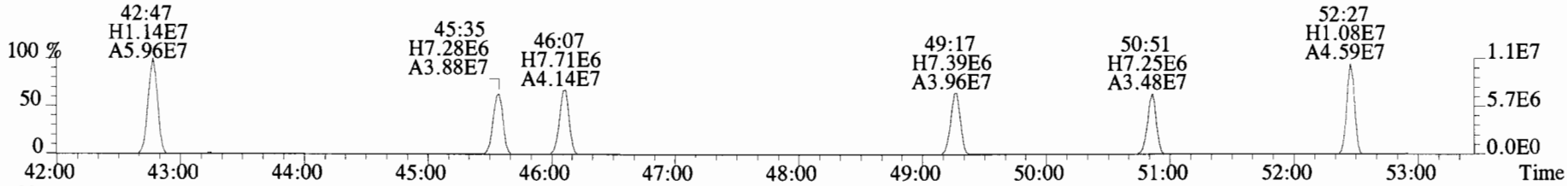
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4536.0,0.00%,F,F)



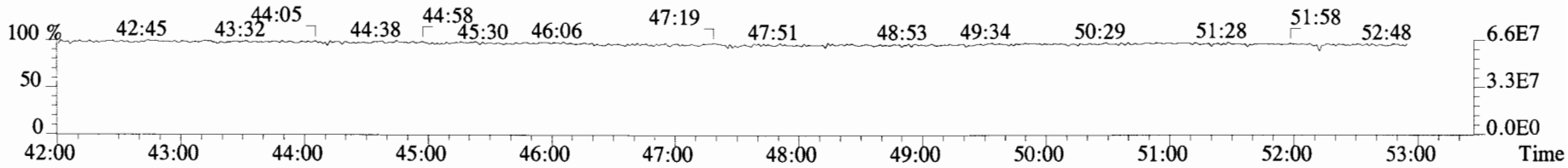
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4184.0,0.00%,F,F)



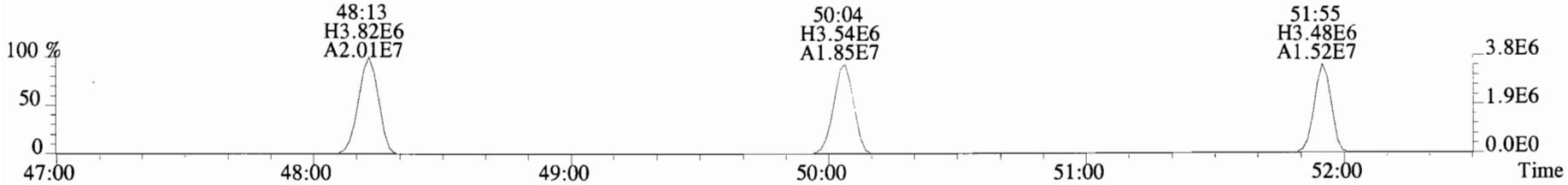
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9460.0,0.00%,F,F)



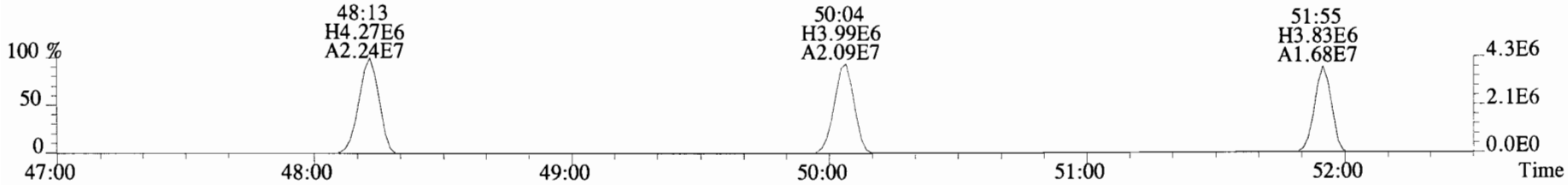
380.9760 S:8 F:4



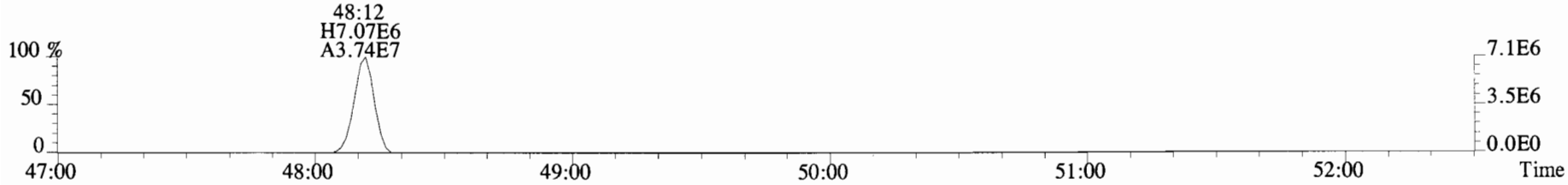
File:180208E1 #1-574 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



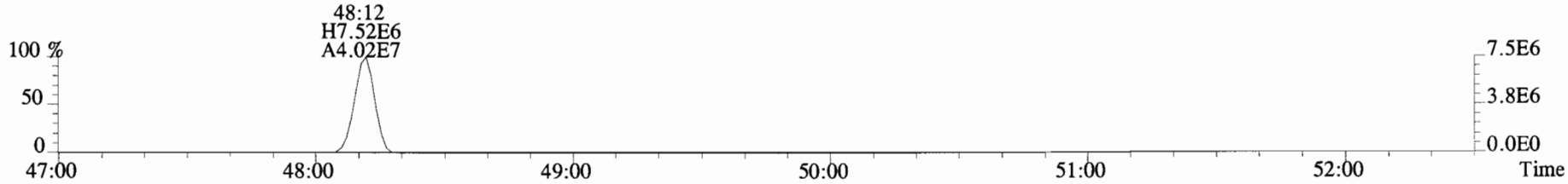
429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



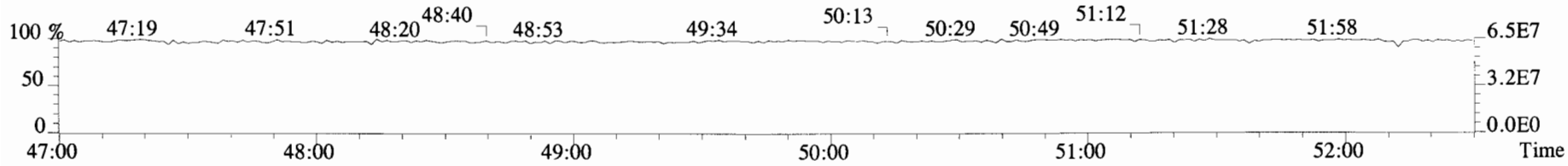
439.8038 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



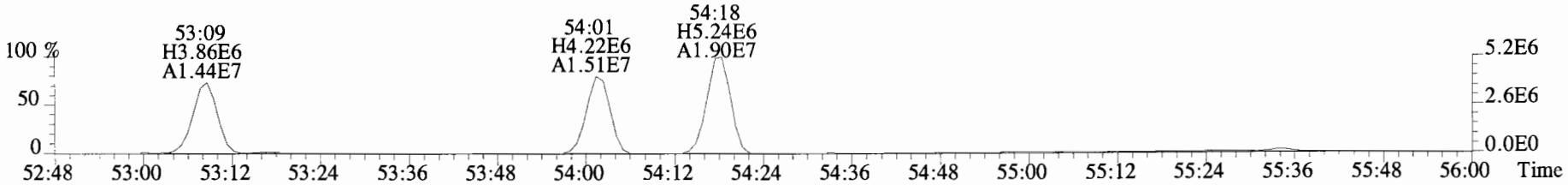
441.8008 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2652.0,0.00%,F,F)



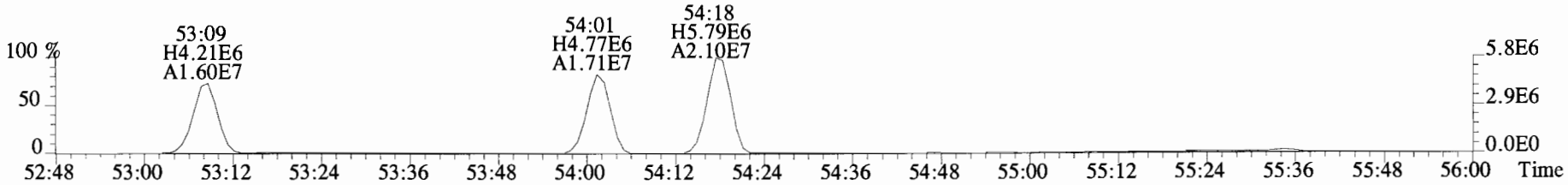
380.9760 S:8 F:4



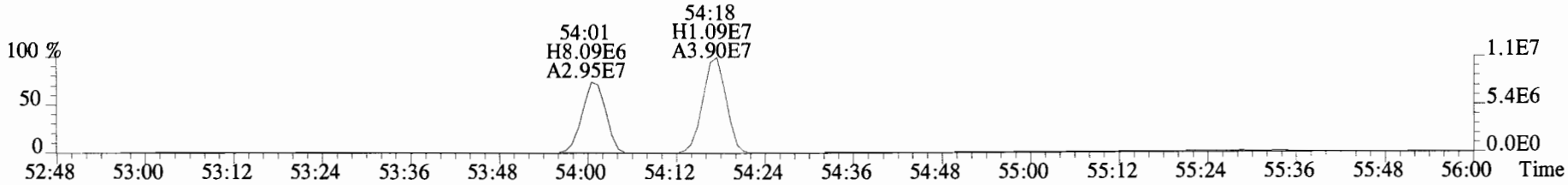
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3512.0,0.00%,F,F)



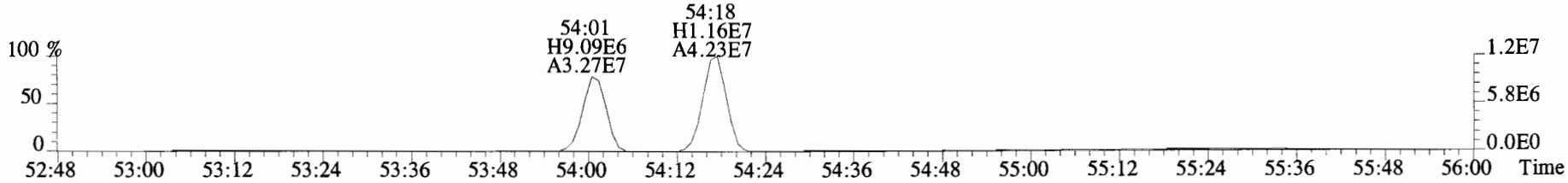
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4544.0,0.00%,F,F)



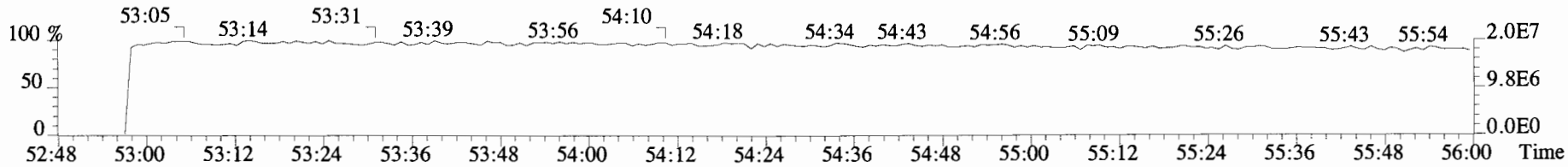
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6132.0,0.00%,F,F)



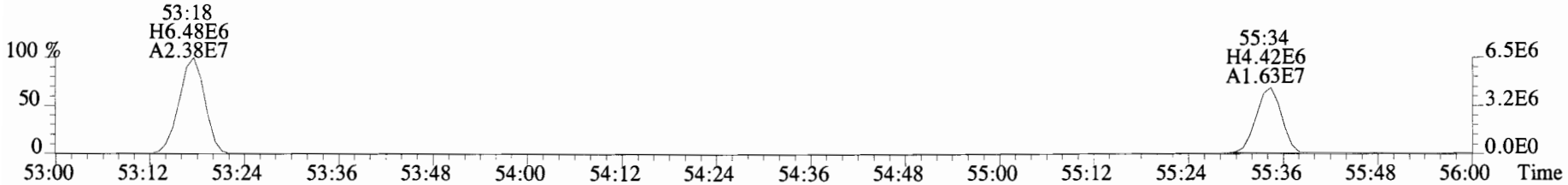
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7204.0,0.00%,F,F)



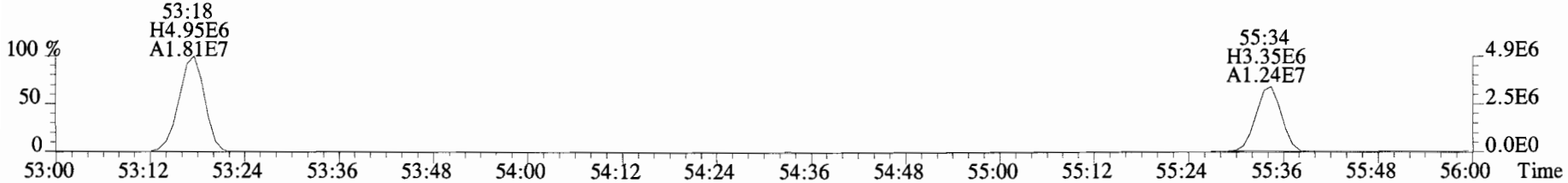
492.9697 S:8 F:5



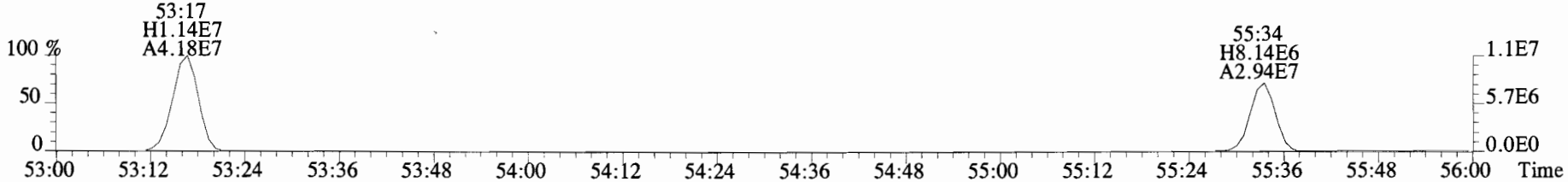
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14504.0,0.00%,F,F)



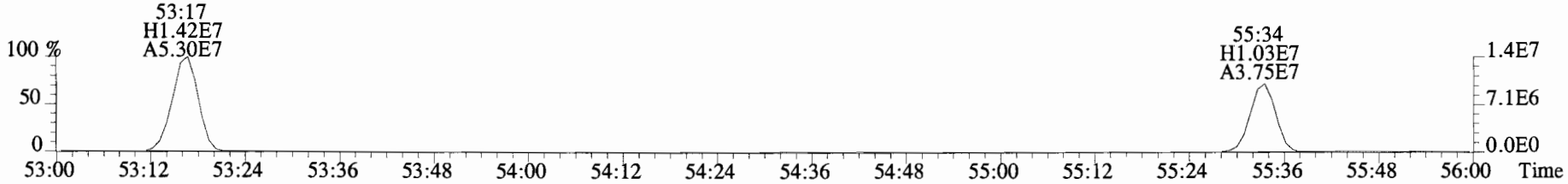
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10256.0,0.00%,F,F)



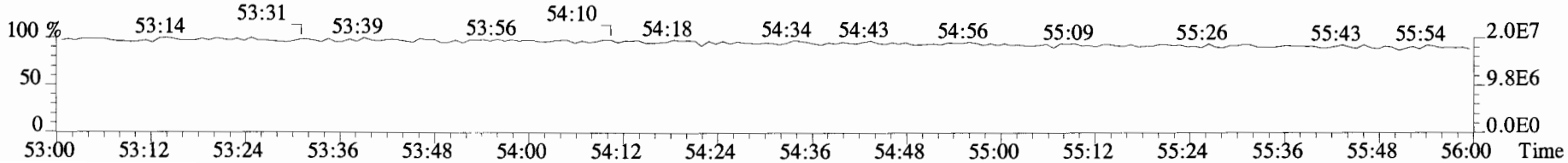
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22068.0,0.00%,F,F)



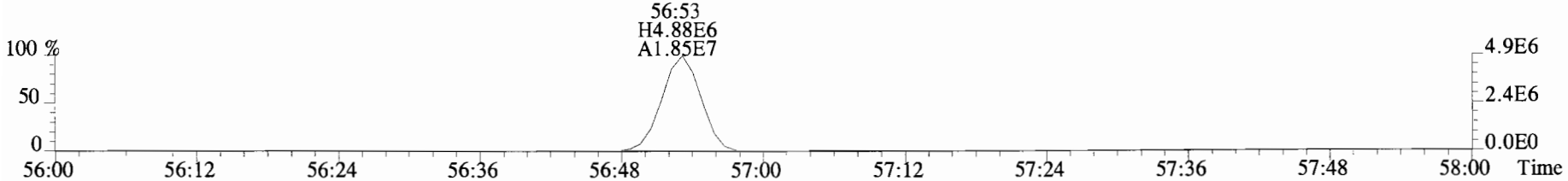
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29456.0,0.00%,F,F)



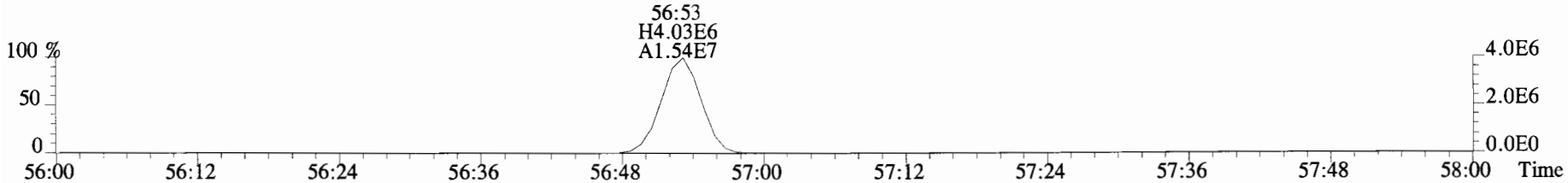
492.9697 S:8 F:5



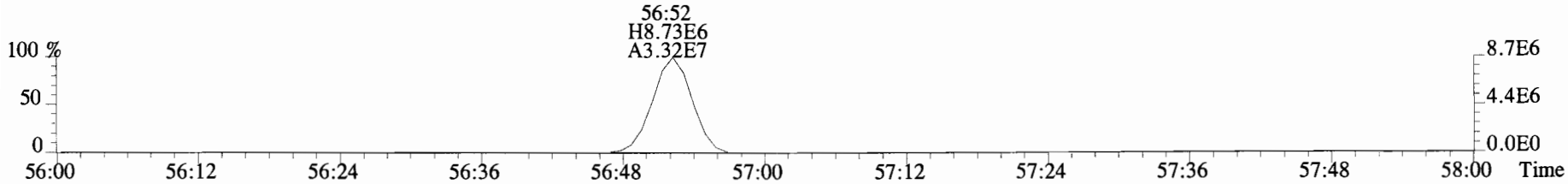
File:180208E1 #1-407 Acq: 8-FEB-2018 16:10:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS180208E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2112.0,0.00%,F,F)



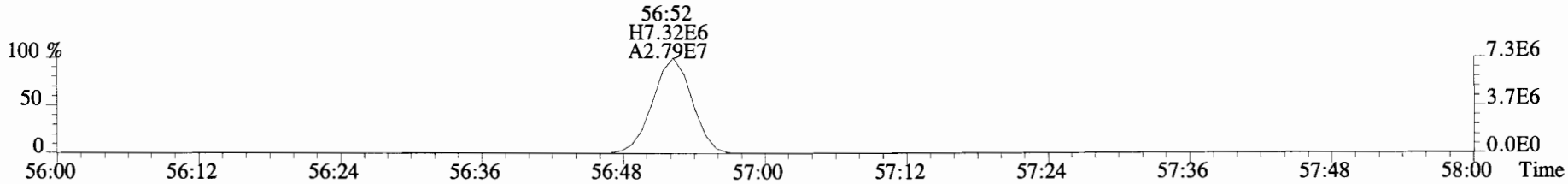
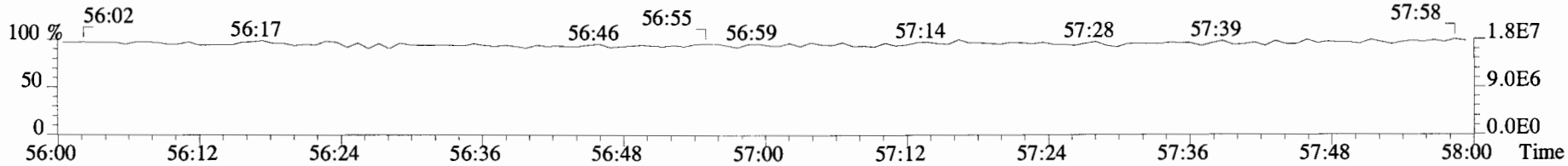
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



509.7229 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



511.7199 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2148.0,0.00%,F,F)



492.9697 S:8 F:5