February 06, 2018

Vista Work Order No. 1701165

Mr. Bob Gibson
General Electric Company
1 River Road, Bldg. 5-7W
Schenectady, NY 12345

Dear Mr. Gibson,

Enclosed are the amended results for the sample set received at Vista Analytical Laboratory on August 30, 2017. This sample set was analyzed on a standard turn-around time, under your Project Name 'Hudson River RAMP'.

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

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

Sincerely,

Martha Maier
Laboratory Director

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

Vista 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. 1701165
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. This report was amended to correct the qualifiers listed for the PCB totals.

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. The concentration of PCB-11 detected in the Method Blank was 7.94 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
1701165-01	OWS-SCHU-T170829140554	29-Aug-17 11:44	30-Aug-17 09:03	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701165-02	OWS-THIS-T170829140507	29-Aug-17 09:05	30-Aug-17 09:03	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L
1701165-03	OWS-WAFO-T170829140721	29-Aug-17 13:07	30-Aug-17 09:03	Amber Glass NM Bottle, 1L
				Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Percent Solids

LabNumber	SampleName	% Solids	RL (%)	Date Analyzed	Batch
1701165-01	OWS-SCHU-T170829140554	ND	0.1	09-Jan-2018	B8A0029
1701165-02	OWS-THIS-T170829140507	ND	0.1	09-Jan-2018	B8A0029
1701165-03	OWS-WAFO-T170829140721	ND	0.1	09-Jan-2018	B8A0029

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8A0030	Lab Sample:	B8A0030-BLK1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 18:08 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	ND	5.00	1.60	U	PCB-44	ND	5.00	1.20	U
PCB-2	ND	5.00	2.26	U	PCB-45	ND	5.00	1.19	U
PCB-3	ND	5.00	1.59	U	PCB-46	ND	5.00	1.25	U
PCB-4/10	ND	10.0	1.80	U	PCB-47	4.51	5.00		J
PCB-5/8	ND	10.0	3.67	U	PCB-48/75	ND	10.0	0.828	U
PCB-6	ND	5.00	1.40	U	PCB-50	ND	5.00	1.16	U
PCB-7/9	ND	10.0	1.36	U	PCB-51	ND	5.00	1.03	U
PCB-11	7.84	5.00			PCB-52/69	ND	10.0	0.923	U
PCB-12/13	ND	10.0	1.22	U	PCB-53	ND	5.00	1.07	U
PCB-14	ND	5.00	1.01	U	PCB-54	ND	5.00	0.936	U
PCB-15	ND	5.00	1.11	U	PCB-55	ND	5.00	0.714	U
PCB-16/32	ND	10.0	0.816	U	PCB-56/60	ND	10.0	0.776	U
PCB-17	ND	5.00	0.877	U	PCB-57	ND	5.00	0.744	U
PCB-18	ND	5.00	0.953	U	PCB-58	ND	5.00	0.699	U
PCB-19	ND	5.00	1.14	U	PCB-61/70	ND	10.0	0.732	U
PCB-20/21/33	ND	15.0	0.830	U	PCB-62	ND	5.00	0.858	U
PCB-22	ND	5.00	0.832	U	PCB-63	ND	5.00	0.698	U
PCB-23	ND	5.00	0.806	U	PCB-65	ND	5.00	0.881	U
PCB-24/27	ND	10.0	0.670	U	PCB-66/76	ND	10.0	0.711	U
PCB-25	ND	5.00	0.866	U	PCB-67	ND	5.00	0.745	U
PCB-26	ND	5.00	0.810	U	PCB-68	ND	5.00	0.911	UM
PCB-28	ND	5.00	0.797	U	PCB-73	ND	5.00	0.881	U
PCB-29	ND	5.00	0.790	U	PCB-74	ND	5.00	0.696	U
PCB-30	ND	5.00	0.730	U	PCB-77	ND	5.00	0.652	U
PCB-31	ND	5.00	0.756	U	PCB-78	ND	5.00	0.731	U
PCB-34	ND	5.00	0.839	U	PCB-79	ND	5.00	0.725	U
PCB-35	ND	5.00	0.858	U	PCB-80	ND	5.00	0.651	U
PCB-36	ND	5.00	0.829	U	PCB-81	ND	5.00	0.652	U
PCB-37	ND	5.00	0.772	U	PCB-82	ND	5.00	1.99	U
PCB-38	ND	5.00	0.873	U	PCB-83	ND	5.00	1.31	U
PCB-39	ND	5.00	0.777	U	PCB-84/92	ND	10.0	1.80	U
PCB-40	ND	5.00	1.33	U	PCB-85/116	ND	10.0	1.62	U
PCB-41/64/71/72	ND	20.0	0.854	U	PCB-86	ND	5.00	2.08	U
PCB-42/59	ND	10.0	0.908	U	PCB-87/117/125	ND	15.0	1.40	U
PCB-43/49	ND	10.0	1.07	U	PCB-88/91	ND	5.00	1.91	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:	B8A0030	Lab Sample:	B8A0030-BLK1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 18:08 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers	Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	ND	5.00	1.85	U	PCB-137	ND	5.00	0.862	U
PCB-90/101	ND	10.0	1.59	U	PCB-138/163/164	ND	15.0	1.09	U
PCB-93	ND	5.00	2.12	U	PCB-139/149	ND	10.0	1.58	U
PCB-94	ND	5.00	1.97	U	PCB-140	ND	5.00	1.68	U
PCB-95/98/102	ND	15.0	1.74	U	PCB-141	ND	5.00	0.874	U
PCB-96	ND	5.00	1.64	U	PCB-142	ND	5.00	1.07	U
PCB-97	ND	5.00	1.65	U	PCB-144	ND	5.00	1.63	U
PCB-99	ND	5.00	1.49	U	PCB-145	ND	5.00	1.28	U
PCB-100	ND	5.00	1.77	U	PCB-146/165	ND	10.0	0.823	U
PCB-103	ND	5.00	1.72	U	PCB-147	ND	5.00	1.83	U
PCB-104	ND	5.00	1.42	U	PCB-148	ND	5.00	1.72	U
PCB-105	ND	5.00	0.689	U	PCB-150	ND	5.00	1.23	U
PCB-106/118	ND	10.0	0.666	U	PCB-151	ND	5.00	1.68	U
PCB-107/109	ND	10.0	1.19	U	PCB-152	ND	5.00	1.25	U
PCB-108/112	ND	10.0	1.56	U	PCB-153	ND	5.00	0.797	U
PCB-110	ND	5.00	0.649	UM	PCB-154	ND	5.00	1.56	U
PCB-111/115	ND	10.0	1.19	U	PCB-155	ND	5.00	1.14	U
PCB-113	ND	5.00	1.45	U	PCB-156	ND	5.00	0.645	U
PCB-114	ND	5.00	0.717	U	PCB-157	ND	5.00	0.634	U
PCB-119	ND	5.00	1.17	U	PCB-158/160	ND	10.0	0.718	U
PCB-120	ND	5.00	1.13	U	PCB-159	ND	5.00	0.655	U
PCB-121	ND	5.00	1.24	U	PCB-166	ND	5.00	0.697	U
PCB-122	ND	5.00	0.825	U	PCB-167	ND	5.00	0.636	U
PCB-123	ND	5.00	1.18	U	PCB-168	ND	5.00	0.652	U
PCB-124	ND	5.00	1.20	U	PCB-169	ND	5.00	0.645	U
PCB-126	ND	5.00	0.781	U	PCB-170	ND	5.00	0.521	U
PCB-127	ND	5.00	0.784	U	PCB-171	ND	5.00	0.575	U
PCB-128/162	ND	10.0	1.11	U	PCB-172	ND	5.00	0.610	U
PCB-129	ND	5.00	1.04	U	PCB-173	ND	5.00	0.702	U
PCB-130	ND	5.00	1.01	U	PCB-174	ND	5.00	0.641	U
PCB-131/133	ND	10.0	0.998	U	PCB-175	ND	5.00	0.609	U
PCB-132/161	ND	10.0	0.812	U	PCB-176	ND	5.00	0.453	U
PCB-134/143	ND	10.0	0.987	U	PCB-177	ND	5.00	0.664	U
PCB-135	ND	5.00	1.64	U	PCB-178	ND	5.00	0.618	U
PCB-136	ND	5.00	1.25	U	PCB-179	ND	5.00	0.481	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:	B8A0030	Lab Sample:	B8A0030-BLK1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 18:08 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	ND	5.00	0.588	U
PCB-181	ND	5.00	0.616	U
PCB-182/187	ND	10.0	0.570	U
PCB-183	ND	5.00	0.541	U
PCB-184	ND	5.00	0.490	U
PCB-185	ND	5.00	0.588	U
PCB-186	ND	5.00	0.465	U
PCB-188	ND	5.00	0.445	U
PCB-189	ND	5.00	0.354	U
PCB-190	ND	5.00	0.384	U
PCB-191	ND	5.00	0.441	U
PCB-192	ND	5.00	0.472	U
PCB-193	ND	5.00	0.450	U
PCB-194	ND	5.00	0.552	UM
PCB-195	ND	5.00	0.770	U
PCB-196/203	ND	10.0	1.06	U
PCB-197	ND	5.00	0.762	U
PCB-198	ND	5.00	1.13	U
PCB-199	ND	5.00	1.21	U
PCB-200	ND	5.00	0.839	U
PCB-201	ND	5.00	0.817	U
PCB-202	ND	5.00	0.885	U
PCB-204	ND	5.00	0.843	U
PCB-205	ND	5.00	0.544	U
PCB-206	ND	5.00	0.742	U
PCB-207	ND	5.00	0.450	U
PCB-208	ND	5.00	0.452	U
PCB-209	ND	5.00	0.532	U
Total monoCB	ND		2.26	U
Total diCB	7.84			
Total triCB	ND		1.14	U
Total tetraCB	4.51			
Total pentaCB	ND		0.649	UM
Total hexaCB	ND		1.83	U
Total heptaCB	ND		0.702	U

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	ND		0.552	UM
Total nonaCB	ND		0.742	U
DecaCB	ND		0.532	U
Total PCB	12.4			

RL - Reporting limit

DL - Sample specifc estimated detection limit

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

Sample ID: Method Blank — EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8A0030	Lab Sample:	B8A0030-BLK1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 18:08 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	45.8	5 - 145	
	13C-PCB-3	50.8	5 - 145	
	13C-PCB-4	52.7	5 - 145	
	13C-PCB-11	73.9	5 - 145	
	13C-PCB-9	59.6	5 - 145	
	13C-PCB-19	63.4	5 - 145	
	13C-PCB-28	95.1	5 - 145	
	13C-PCB-32	76.6	5 - 145	
	13C-PCB-37	99.0	5 - 145	
	13C-PCB-47	81.1	5 - 145	
	13C-PCB-52	78.3	5 - 145	
	13C-PCB-54	68.4	5 - 145	
	13C-PCB-70	89.5	5 - 145	
	13C-PCB-77	97.5	10 - 145	
	13C-PCB-80	88.9	10 - 145	
	13C-PCB-81	96.2	10 - 145	
	13C-PCB-95	84.1	10 - 145	
	13C-PCB-97	91.6	10 - 145	
	13C-PCB-101	89.7	10 - 145	
	13C-PCB-104	76.7	10 - 145	
	13C-PCB-105	95.5	10 - 145	
	13C-PCB-114	96.4	10 - 145	
	13C-PCB-118	96.7	10 - 145	
	13C-PCB-123	96.3	10 - 145	
	13C-PCB-126	96.8	10 - 145	
	13C-PCB-127	95.6	10 - 145	
	13C-PCB-138	93.0	10 - 145	
	13C-PCB-141	94.2	10 - 145	
	13C-PCB-153	93.6	10 - 145	
	13C-PCB-155	98.1	10 - 145	
	13C-PCB-156	97.1	10 - 145	
	13C-PCB-157	96.2	10 - 145	
	13C-PCB-159	94.6	10 - 145	
	13C-PCB-167	96.7	10 - 145	
	13C-PCB-169	98.3	10 - 145	
	13C-PCB-170	103	10 - 145	
	13C-PCB-180	100	10 - 145	
	13C-PCB-188	92.2	10 - 145	
	13C-PCB-189	106	10 - 145	
	13C-PCB-194	94.0	10 - 145	
	13C-PCB-202	97.9	10 - 145	
	13C-PCB-206	100	10 - 145	
	13C-PCB-208	94.5	10 - 145	
	13C-PCB-209	107	10 - 145	
CRS	13C-PCB-79	94.9	10 - 145	
	13C-PCB-178	97.2	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:	B8A0030	Lab Sample:	B8A0030-BS1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 15:59 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits		Labeled Standard	%R	LCL-UCL
PCB-1	862	1000	86.2	60 - 135	IS	13C-PCB-1	52.8	15 - 145
PCB-2	917	1000	91.7	60 - 135	IS	13C-PCB-3	62.0	15 - 145
PCB-3	881	1000	88.1	60 - 135	IS	13C-PCB-4	64.5	15 - 145
PCB-4/10	1920	2000	95.8	60 - 135	IS	13C-PCB-9	72.8	15 - 145
PCB-5/8	1950	2000	97.3	60 - 135	IS	13C-PCB-11	83.4	15 - 145
PCB-6	982	1000	98.2	60 - 135	IS	13C-PCB-19	73.6	15 - 145
PCB-7/9	1910	2000	95.5	60 - 135	IS	13C-PCB-28	87.9	15 - 145
PCB-11	946	1000	94.6	60 - 135	IS	13C-PCB-32	85.5	15 - 145
PCB-12/13	1960	2000	97.9	60 - 135	IS	13C-PCB-37	94.1	15 - 145
PCB-14	882	1000	88.2	60 - 135	IS	13C-PCB-47	81.4	15 - 145
PCB-15	1030	1000	103	60 - 135	IS	13C-PCB-52	84.2	15 - 145
PCB-16/32	1870	2000	93.5	60 - 135	IS	13C-PCB-54	75.0	15 - 145
PCB-17	896	1000	89.6	60 - 135	IS	13C-PCB-70	91.3	15 - 145
PCB-18	872	1000	87.2	60 - 135	IS	13C-PCB-77	99.4	40 - 145
PCB-19	932	1000	93.2	60 - 135	IS	13C-PCB-80	93.6	40 - 145
PCB-20/21/33	2610	3000	86.9	60 - 135	IS	13C-PCB-81	98.2	40 - 145
PCB-22	893	1000	89.3	60 - 135	IS	13C-PCB-95	88.5	40 - 145
PCB-23	915	1000	91.5	60 - 135	IS	13C-PCB-97	95.5	40 - 145
PCB-24/27	1850	2000	92.6	60 - 135	IS	13C-PCB-101	93.0	40 - 145
PCB-25	911	1000	91.1	60 - 135	IS	13C-PCB-104	80.9	40 - 145
PCB-26	937	1000	93.7	60 - 135	IS	13C-PCB-105	98.7	40 - 145
PCB-28	887	1000	88.7	60 - 135	IS	13C-PCB-114	99.1	40 - 145
PCB-29	903	1000	90.3	60 - 135	IS	13C-PCB-118	99.3	40 - 145
PCB-30	1030	1000	103	60 - 135	IS	13C-PCB-123	98.4	40 - 145
PCB-31	908	1000	90.8	60 - 135	IS	13C-PCB-126	101	40 - 145
PCB-34	878	1000	87.8	60 - 135	IS	13C-PCB-127	100	40 - 145
PCB-35	899	1000	89.9	60 - 135	IS	13C-PCB-138	97.1	40 - 145
PCB-36	877	1000	87.7	60 - 135	IS	13C-PCB-141	95.8	40 - 145
PCB-37	933	1000	93.3	60 - 135	IS	13C-PCB-153	94.3	40 - 145
PCB-38	880	1000	88.0	60 - 135	IS	13C-PCB-155	97.2	40 - 145
PCB-39	893	1000	89.3	60 - 135	IS	13C-PCB-156	102	40 - 145
PCB-40	986	1000	98.6	60 - 135	IS	13C-PCB-157	99.8	40 - 145
PCB-41/64/71/72	3910	4000	97.8	60 - 135	IS	13C-PCB-159	98.3	40 - 145
PCB-42/59	1990	2000	99.6	60 - 135	IS	13C-PCB-167	98.4	40 - 145
PCB-43/49	1820	2000	91.0	60 - 135	IS	13C-PCB-169	104	40 - 145
PCB-44	968	1000	96.8	60 - 135	IS	13C-PCB-170	108	40 - 145
PCB-45	891	1000	89.1	60 - 135	IS	13C-PCB-180	103	40 - 145
PCB-46	905	1000	90.5	60 - 135	IS	13C-PCB-188	91.4	40 - 145
PCB-47	978	1000	97.8	60 - 135	IS	13C-PCB-189	111	40 - 145
PCB-48/75	1880	2000	94.1	60 - 135	IS	13C-PCB-194	93.1	40 - 145
PCB-50	947	1000	94.7	60 - 135	IS	13C-PCB-202	101	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8A0030	Lab Sample:	B8A0030-BS1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 15:59 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits
PCB-51	858	1000	85.8	60 - 135
PCB-52/69	1910	2000	95.3	60 - 135
PCB-53	850	1000	85.0	60 - 135
PCB-54	903	1000	90.3	60 - 135
PCB-55	990	1000	99.0	60 - 135
PCB-56/60	1960	2000	98.0	60 - 135
PCB-57	942	1000	94.2	60 - 135
PCB-58	946	1000	94.6	60 - 135
PCB-61/70	1920	2000	96.1	60 - 135
PCB-62	922	1000	92.2	60 - 135
PCB-63	955	1000	95.5	60 - 135
PCB-65	1010	1000	101	60 - 135
PCB-66/76	1940	2000	97.2	60 - 135
PCB-67	941	1000	94.1	60 - 135
PCB-68	1040	1000	104	60 - 135
PCB-73	872	1000	87.2	60 - 135
PCB-74	969	1000	96.9	60 - 135
PCB-77	985	1000	98.5	60 - 135
PCB-78	1050	1000	105	60 - 135
PCB-79	1000	1000	100	60 - 135
PCB-80	966	1000	96.6	60 - 135
PCB-81	978	1000	97.8	60 - 135
PCB-82	955	1000	95.5	60 - 135
PCB-83	978	1000	97.8	60 - 135
PCB-84/92	1860	2000	93.2	60 - 135
PCB-85/116	2030	2000	102	60 - 135
PCB-86	997	1000	99.7	60 - 135
PCB-87/117/125	2860	3000	95.5	60 - 135
PCB-88/91	1840	2000	92.2	60 - 135
PCB-89	919	1000	91.9	60 - 135
PCB-90/101	1890	2000	94.4	60 - 135
PCB-93	913	1000	91.3	60 - 135
PCB-94	944	1000	94.4	60 - 135
PCB-95/98/102	2860	3000	95.5	60 - 135
PCB-96	973	1000	97.3	60 - 135
PCB-97	936	1000	93.6	60 - 135
PCB-99	780	1000	78.0	60 - 135
PCB-100	1010	1000	101	60 - 135
PCB-103	966	1000	96.6	60 - 135
PCB-104	932	1000	93.2	60 - 135
PCB-105	1030	1000	103	60 - 135

	Labeled Standard	%R	LCL-UCL
IS	13C-PCB-206	97.3	40 - 145
IS	13C-PCB-208	89.9	40 - 145
IS	13C-PCB-209	106	40 - 145
CRS	13C-PCB-79	98.4	40 - 145
CRS	13C-PCB-178	103	40 - 145

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8A0030	Lab Sample:	B8A0030-BS1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 15:59 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-106/118	2010	2000	100	60 - 135			
PCB-107/109	1960	2000	97.9	60 - 135			
PCB-108/112	1940	2000	97.0	60 - 135			
PCB-110	996	1000	99.6	60 - 135			
PCB-111/115	1910	2000	95.7	60 - 135			
PCB-113	1090	1000	109	60 - 135			
PCB-114	1050	1000	105	60 - 135			
PCB-119	989	1000	98.9	60 - 135			
PCB-120	970	1000	97.0	60 - 135			
PCB-121	1020	1000	102	60 - 135			
PCB-122	1040	1000	104	60 - 135			
PCB-123	1000	1000	100	60 - 135			
PCB-124	1030	1000	103	60 - 135			
PCB-126	1040	1000	104	60 - 135			
PCB-127	1050	1000	105	60 - 135			
PCB-128/162	2030	2000	101	60 - 135			
PCB-129	983	1000	98.3	60 - 135			
PCB-130	1010	1000	101	60 - 135			
PCB-131/133	1970	2000	98.6	60 - 135			
PCB-132/161	2000	2000	99.9	60 - 135			
PCB-134/143	1890	2000	94.7	60 - 135			
PCB-135	1050	1000	105	60 - 135			
PCB-136	1070	1000	107	60 - 135			
PCB-137	1040	1000	104	60 - 135			
PCB-138/163/164	3000	3000	100	60 - 135			
PCB-139/149	2110	2000	106	60 - 135			
PCB-140	1040	1000	104	60 - 135			
PCB-141	990	1000	99.0	60 - 135			
PCB-142	1030	1000	103	60 - 135			
PCB-144	1050	1000	105	60 - 135			
PCB-145	945	1000	94.5	60 - 135			
PCB-146/165	2000	2000	100	60 - 135			
PCB-147	1120	1000	112	60 - 135			
PCB-148	895	1000	89.5	60 - 135			
PCB-150	953	1000	95.3	60 - 135			
PCB-151	1080	1000	108	60 - 135			
PCB-152	964	1000	96.4	60 - 135			
PCB-153	955	1000	95.5	60 - 135			
PCB-154	1050	1000	105	60 - 135			
PCB-155	903	1000	90.3	60 - 135			
PCB-156	1010	1000	101	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8A0030	Lab Sample:	B8A0030-BS1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 15:59 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-157	1020	1000	102	60 - 135			
PCB-158/160	2080	2000	104	60 - 135			
PCB-159	1020	1000	102	60 - 135			
PCB-166	1010	1000	101	60 - 135			
PCB-167	1000	1000	100	60 - 135			
PCB-168	983	1000	98.3	60 - 135			
PCB-169	1060	1000	106	60 - 135			
PCB-170	1050	1000	105	60 - 135			
PCB-171	1020	1000	102	60 - 135			
PCB-172	1090	1000	109	60 - 135			
PCB-173	1050	1000	105	60 - 135			
PCB-174	1080	1000	108	60 - 135			
PCB-175	1130	1000	113	60 - 135			
PCB-176	1060	1000	106	60 - 135			
PCB-177	1020	1000	102	60 - 135			
PCB-178	1100	1000	110	60 - 135			
PCB-179	1060	1000	106	60 - 135			
PCB-180	1070	1000	107	60 - 135			
PCB-181	1040	1000	104	60 - 135			
PCB-182/187	2180	2000	109	60 - 135			
PCB-183	1150	1000	115	60 - 135			
PCB-184	1020	1000	102	60 - 135			
PCB-185	1020	1000	102	60 - 135			
PCB-186	1100	1000	110	60 - 135			
PCB-188	1020	1000	102	60 - 135			
PCB-189	1100	1000	110	60 - 135			
PCB-190	1080	1000	108	60 - 135			
PCB-191	1090	1000	109	60 - 135			
PCB-192	1070	1000	107	60 - 135			
PCB-193	1070	1000	107	60 - 135			
PCB-194	1050	1000	105	60 - 135			
PCB-195	1100	1000	110	60 - 135			
PCB-196/203	2270	2000	113	60 - 135			
PCB-197	1050	1000	105	60 - 135			
PCB-198	1140	1000	114	60 - 135			
PCB-199	1160	1000	116	60 - 135			
PCB-200	1070	1000	107	60 - 135			
PCB-201	1060	1000	106	60 - 135			
PCB-202	1010	1000	101	60 - 135			
PCB-204	1000	1000	100	60 - 135			
PCB-205	1080	1000	108	60 - 135			

Sample ID: OPR

EPA Method 1668C

Matrix:	Aqueous	QC Batch:	B8A0030	Lab Sample:	B8A0030-BS1
Sample Size:	1.00 L	Date Extracted:	05-Jan-2018 8:46	Date Analyzed:	10-Jan-18 15:59 Column: ZB-1

Analyte	Amt Found (pg/L)	Spike Amt	%R	Limits	Labeled Standard	%R	LCL-UCL
PCB-206	1100	1000	110	60 - 135			
PCB-207	1120	1000	112	60 - 135			
PCB-208	1100	1000	110	60 - 135			
PCB-209	1050	1000	105	60 - 135			

LCL-UCL - Lower control limit - upper control limit

Sample ID: OWS-SCHU-T170829140554 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701165-01 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 20:56 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	41.9	4.89		
PCB-2	1.81	4.89		J
PCB-3	9.50	4.89		
PCB-4/10	3120	9.78		
PCB-5/8	25.2	9.78		
PCB-6	7.23	4.89		
PCB-7/9	ND	9.78	2.51	U
PCB-11	8.28	4.89		B
PCB-12/13	ND	9.78	5.73	UM
PCB-14	ND	4.89	0.554	U
PCB-15	127	4.89		
PCB-16/32	323	9.78		
PCB-17	165	4.89		
PCB-18	261	4.89		
PCB-19	1310	4.89		
PCB-20/21/33	9.76	14.7		J
PCB-22	8.54	4.89		
PCB-23	ND	4.89	0.688	U
PCB-24/27	411	9.78		
PCB-25	15.2	4.89		
PCB-26	89.7	4.89		
PCB-28	99.8	4.89		
PCB-29	ND	4.89	0.675	U
PCB-30	0.962	4.89		J
PCB-31	74.3	4.89		
PCB-34	3.67	4.89		J
PCB-35	0.879	4.89		J
PCB-36	0.663	4.89		J
PCB-37	38.4	4.89		
PCB-38	4.56	4.89		J
PCB-39	2.42	4.89		J
PCB-40	41.8	4.89		
PCB-41/64/71/72	254	19.6		
PCB-42/59	101	9.78		
PCB-43/49	327	9.78		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-44	202	4.89		
PCB-45	78.4	4.89		
PCB-46	27.2	4.89		
PCB-47	248	4.89		B
PCB-48/75	28.4	9.78		
PCB-50	4.91	4.89		
PCB-51	55.1	4.89		
PCB-52/69	396	9.78		
PCB-53	214	4.89		
PCB-54	27.4	4.89		
PCB-55	1.36	4.89		J
PCB-56/60	63.7	9.78		
PCB-57	2.11	4.89		J
PCB-58	0.659	4.89		J
PCB-61/70	84.4	9.78		
PCB-62	ND	4.89	0.701	U
PCB-63	14.2	4.89		
PCB-65	1.24	4.89		J
PCB-66/76	110	9.78		
PCB-67	6.63	4.89		
PCB-68	12.2	4.89		
PCB-73	9.93	4.89		
PCB-74	70.3	4.89		
PCB-77	8.55	4.89		
PCB-78	ND	4.89	0.632	U
PCB-79	1.19	4.89		J
PCB-80	ND	4.89	0.515	U
PCB-81	ND	4.89	1.34	U
PCB-82	13.0	4.89		
PCB-83	ND	4.89	0.878	U
PCB-84/92	62.6	9.78		
PCB-85/116	17.4	9.78		
PCB-86	0.738	4.89		J
PCB-87/117/125	33.1	14.7		
PCB-88/91	35.0	4.89		

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-T170829140554 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701165-01 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 20:56 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.18	4.89		J
PCB-90/101	75.0	9.78		
PCB-93	ND	4.89	1.48	U
PCB-94	7.98	4.89		
PCB-95/98/102	112	14.7		
PCB-96	6.12	4.89		
PCB-97	24.2	4.89		
PCB-99	41.3	4.89		
PCB-100	4.36	4.89		J
PCB-103	4.20	4.89		J
PCB-104	0.559	4.89		J
PCB-105	22.8	4.89		
PCB-106/118	43.0	9.78		
PCB-107/109	5.30	9.78		J
PCB-108/112	9.13	9.78		J
PCB-110	90.9	4.89		
PCB-111/115	1.48	9.78		J
PCB-113	1.38	4.89		J
PCB-114	2.05	4.89		J
PCB-119	3.35	4.89		J
PCB-120	ND	4.89	0.761	U
PCB-121	ND	4.89	0.862	U
PCB-122	ND	4.89	1.02	U
PCB-123	1.34	4.89		J
PCB-124	2.21	4.89		J
PCB-126	ND	4.89	0.795	U
PCB-127	ND	4.89	0.783	U
PCB-128/162	5.70	9.78		J
PCB-129	2.37	4.89		J
PCB-130	ND	4.89	2.47	UM
PCB-131/133	2.98	9.78		J
PCB-132/161	12.1	9.78		
PCB-134/143	4.70	9.78		J
PCB-135	9.29	4.89		
PCB-136	8.78	4.89		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	2.54	4.89		J
PCB-138/163/164	38.9	14.7		
PCB-139/149	31.2	9.78		
PCB-140	0.705	4.89		J
PCB-141	4.77	4.89		J
PCB-142	ND	4.89	1.21	U
PCB-144	1.00	4.89		J
PCB-145	ND	4.89	0.758	U
PCB-146/165	7.64	9.78		J
PCB-147	3.28	4.89		J
PCB-148	ND	4.89	1.02	U
PCB-150	ND	4.89	0.729	U
PCB-151	15.1	4.89		
PCB-152	ND	4.89	0.744	U
PCB-153	27.7	4.89		
PCB-154	1.95	4.89		J
PCB-155	ND	4.89	0.678	U
PCB-156	2.81	4.89		J
PCB-157	0.679	4.89		J
PCB-158/160	3.00	9.78		J
PCB-159	ND	4.89	0.741	U
PCB-166	ND	4.89	0.788	U
PCB-167	1.19	4.89		J
PCB-168	ND	4.89	0.742	U
PCB-169	ND	4.89	0.819	U
PCB-170	3.87	4.89		J
PCB-171	1.14	4.89		J
PCB-172	ND	4.89	0.619	U
PCB-173	ND	4.89	0.712	U
PCB-174	4.52	4.89		J
PCB-175	ND	4.89	0.629	U
PCB-176	ND	4.89	0.542	U
PCB-177	4.05	4.89		J
PCB-178	3.55	4.89		J
PCB-179	4.26	4.89		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-T170829140554 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701165-01 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 20:56 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	8.21	4.89		
PCB-181	ND	4.89	0.626	U
PCB-182/187	9.99	9.78		
PCB-183	2.02	4.89		J
PCB-184	ND	4.89	0.506	U
PCB-185	ND	4.89	0.596	U
PCB-186	ND	4.89	0.481	U
PCB-188	ND	4.89	0.460	U
PCB-189	ND	4.89	0.378	U
PCB-190	0.842	4.89		J
PCB-191	ND	4.89	0.448	U
PCB-192	ND	4.89	0.479	U
PCB-193	ND	4.89	0.357	U
PCB-194	2.69	4.89		J
PCB-195	1.07	4.89		J
PCB-196/203	3.63	9.78		J
PCB-197	ND	4.89	0.481	U
PCB-198	ND	4.89	0.716	U
PCB-199	ND	4.89	4.34	UM
PCB-200	0.650	4.89		J
PCB-201	ND	4.89	0.556	UM
PCB-202	ND	4.89	1.53	UM
PCB-204	ND	4.89	0.532	U
PCB-205	ND	4.89	0.509	U
PCB-206	2.53	4.89		J
PCB-207	0.336	4.89		J
PCB-208	1.06	4.89		J
PCB-209	0.968	4.89		J
Total monoCB	53.2			
Total diCB	3290			
Total triCB	2820			
Total tetraCB	2390			
Total pentaCB	623			
Total hexaCB	188			
Total heptaCB	42.5			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	8.05			
Total nonaCB	3.93			
DecaCB	0.968			
Total PCB	9420			

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-T170829140554 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 11:44

Sample Data
Matrix: Water
Sample Size: 1.02 L

Laboratory Data
Lab Sample: 1701165-01 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 20:56 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	61.2	5 -145	
	13C-PCB-3	70.8	5 -145	
	13C-PCB-4	67.6	5 -145	
	13C-PCB-11	80.9	5 -145	
	13C-PCB-9	75.4	5 -145	
	13C-PCB-19	96.4	5 -145	
	13C-PCB-28	101	5 -145	
	13C-PCB-32	102	5 -145	
	13C-PCB-37	95.7	5 -145	
	13C-PCB-47	82.8	5 -145	
	13C-PCB-52	82.5	5 -145	
	13C-PCB-54	76.9	5 -145	
	13C-PCB-70	88.2	5 -145	
	13C-PCB-77	92.2	10 -145	
	13C-PCB-80	89.8	10 -145	
	13C-PCB-81	91.1	10 -145	
	13C-PCB-95	84.7	10 -145	
	13C-PCB-97	91.8	10 -145	
	13C-PCB-101	89.0	10 -145	
	13C-PCB-104	79.6	10 -145	
	13C-PCB-105	78.3	10 -145	
	13C-PCB-114	78.7	10 -145	
	13C-PCB-118	92.3	10 -145	
	13C-PCB-123	92.1	10 -145	
	13C-PCB-126	77.4	10 -145	
	13C-PCB-127	80.7	10 -145	
	13C-PCB-138	92.3	10 -145	
	13C-PCB-141	92.5	10 -145	
	13C-PCB-153	91.9	10 -145	
	13C-PCB-155	123	10 -145	
	13C-PCB-156	92.9	10 -145	
	13C-PCB-157	89.9	10 -145	
	13C-PCB-159	92.9	10 -145	
	13C-PCB-167	91.9	10 -145	
	13C-PCB-169	88.4	10 -145	
	13C-PCB-170	97.6	10 -145	
	13C-PCB-180	95.3	10 -145	
	13C-PCB-188	90.0	10 -145	
	13C-PCB-189	96.5	10 -145	
	13C-PCB-194	95.5	10 -145	
	13C-PCB-202	117	10 -145	
	13C-PCB-206	107	10 -145	
	13C-PCB-208	107	10 -145	
	13C-PCB-209	112	10 -145	
CRS	13C-PCB-79	91.3	10 -145	
	13C-PCB-178	97.6	10 -145	

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

Sample ID: OWS-THIS-T170829140507 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 9:05

Sample Data
Matrix: Water
Sample Size: 0.940 L

Laboratory Data
Lab Sample: 1701165-02 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 22:01 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	44.8	5.32		
PCB-2	1.10	5.32		J
PCB-3	6.72	5.32		
PCB-4/10	1730	10.6		
PCB-5/8	19.2	10.6		
PCB-6	ND	8.65	8.65	U
PCB-7/9	ND	10.6	2.26	U
PCB-11	7.70	5.32		B
PCB-12/13	ND	10.6	4.24	U
PCB-14	ND	5.32	0.658	U
PCB-15	66.3	5.32		
PCB-16/32	197	10.6		
PCB-17	80.8	5.32		
PCB-18	153	5.32		
PCB-19	735	5.32		
PCB-20/21/33	5.92	16.0		J
PCB-22	7.94	5.32		
PCB-23	ND	5.32	0.702	U
PCB-24/27	198	10.6		
PCB-25	9.05	5.32		
PCB-26	43.9	5.32		
PCB-28	74.3	5.32		
PCB-29	0.598	5.32		J
PCB-30	ND	5.32	0.671	U
PCB-31	45.2	5.32		
PCB-34	2.55	5.32		J
PCB-35	ND	5.32	0.750	U
PCB-36	ND	5.32	0.725	U
PCB-37	24.8	5.32		
PCB-38	2.66	5.32		J
PCB-39	0.923	5.32		J
PCB-40	33.1	5.32		
PCB-41/64/71/72	181	21.3		
PCB-42/59	72.9	10.6		
PCB-43/49	182	10.6		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-44	170	5.32		
PCB-45	57.4	5.32		
PCB-46	20.0	5.32		
PCB-47	126	5.32		B
PCB-48/75	23.2	10.6		
PCB-50	2.79	5.32		J
PCB-51	27.3	5.32		
PCB-52/69	234	10.6		
PCB-53	109	5.32		
PCB-54	15.2	5.32		
PCB-55	ND	5.32	0.537	U
PCB-56/60	56.6	10.6		
PCB-57	1.19	5.32		J
PCB-58	ND	5.32	0.463	UM
PCB-61/70	58.6	10.6		
PCB-62	ND	5.32	0.793	U
PCB-63	9.50	5.32		
PCB-65	0.756	5.32		J
PCB-66/76	83.8	10.6		
PCB-67	5.72	5.32		
PCB-68	3.92	5.32		J
PCB-73	5.05	5.32		J
PCB-74	49.9	5.32		
PCB-77	5.74	5.32		
PCB-78	ND	5.32	0.694	U
PCB-79	0.712	5.32		J
PCB-80	ND	5.32	0.589	U
PCB-81	ND	5.32	0.825	U
PCB-82	11.3	5.32		
PCB-83	ND	5.32	0.950	U
PCB-84/92	39.1	10.6		
PCB-85/116	14.7	10.6		
PCB-86	ND	5.32	1.51	U
PCB-87/117/125	25.9	16.0		
PCB-88/91	20.7	5.32		

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-T170829140507 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 9:05

Sample Data
Matrix: Water
Sample Size: 0.940 L

Laboratory Data
Lab Sample: 1701165-02 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 22:01 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	1.54	5.32		J
PCB-90/101	55.5	10.6		
PCB-93	ND	5.32	1.49	U
PCB-94	ND	5.32	3.14	UM
PCB-95/98/102	69.6	16.0		
PCB-96	ND	5.32	3.03	UM
PCB-97	19.1	5.32		
PCB-99	30.5	5.32		
PCB-100	2.30	5.32		J
PCB-103	ND	5.32	2.00	UM
PCB-104	ND	5.32	1.02	U
PCB-105	17.9	5.32		
PCB-106/118	33.4	10.6		
PCB-107/109	3.73	10.6		J
PCB-108/112	5.78	10.6		J
PCB-110	65.8	5.32		
PCB-111/115	1.00	10.6		J
PCB-113	ND	5.32	1.01	U
PCB-114	ND	5.32	1.07	UM
PCB-119	2.06	5.32		J
PCB-120	ND	5.32	0.824	U
PCB-121	ND	5.32	0.872	U
PCB-122	ND	5.32	0.980	U
PCB-123	1.02	5.32		J
PCB-124	2.15	5.32		J
PCB-126	ND	5.32	0.891	U
PCB-127	ND	5.32	0.913	U
PCB-128/162	4.42	10.6		J
PCB-129	1.37	5.32		J
PCB-130	2.29	5.32		J
PCB-131/133	2.06	10.6		J
PCB-132/161	8.72	10.6		J
PCB-134/143	2.78	10.6		J
PCB-135	5.23	5.32		J
PCB-136	4.64	5.32		J

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	1.65	5.32		J
PCB-138/163/164	27.8	16.0		
PCB-139/149	21.6	10.6		
PCB-140	ND	5.32	1.08	U
PCB-141	3.61	5.32		J
PCB-142	ND	5.32	1.30	U
PCB-144	ND	5.32	0.635	U
PCB-145	ND	5.32	0.825	U
PCB-146/165	5.08	10.6		J
PCB-147	2.11	5.32		J
PCB-148	ND	5.32	1.11	U
PCB-150	ND	5.32	0.794	U
PCB-151	8.57	5.32		
PCB-152	ND	5.32	0.810	U
PCB-153	21.2	5.32		
PCB-154	0.855	5.32		J
PCB-155	ND	5.32	0.739	U
PCB-156	2.24	5.32		J
PCB-157	ND	5.32	1.43	U
PCB-158/160	2.45	10.6		J
PCB-159	ND	5.32	0.797	U
PCB-166	ND	5.32	0.847	U
PCB-167	0.898	5.32		J
PCB-168	ND	5.32	0.795	U
PCB-169	ND	5.32	0.841	U
PCB-170	3.04	5.32		J
PCB-171	1.12	5.32		J
PCB-172	ND	5.32	0.527	U
PCB-173	ND	5.32	0.777	U
PCB-174	3.57	5.32		J
PCB-175	ND	5.32	0.691	U
PCB-176	0.563	5.32		J
PCB-177	ND	5.32	2.57	UM
PCB-178	2.29	5.32		J
PCB-179	2.70	5.32		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-T170829140507 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 9:05

Sample Data
Matrix: Water
Sample Size: 0.940 L

Laboratory Data
Lab Sample: 1701165-02 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 22:01 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	6.34	5.32		
PCB-181	ND	5.32	0.682	U
PCB-182/187	5.99	10.6		J
PCB-183	1.99	5.32		J
PCB-184	ND	5.32	0.556	U
PCB-185	ND	5.32	0.650	U
PCB-186	ND	5.32	0.528	U
PCB-188	ND	5.32	0.505	U
PCB-189	ND	5.32	0.417	U
PCB-190	0.898	5.32		J
PCB-191	ND	5.32	0.488	U
PCB-192	ND	5.32	0.523	U
PCB-193	ND	5.32	0.355	U
PCB-194	2.37	5.32		J
PCB-195	0.675	5.32		J
PCB-196/203	1.98	10.6		J
PCB-197	ND	5.32	0.500	U
PCB-198	ND	5.32	0.743	U
PCB-199	2.40	5.32		J
PCB-200	ND	5.32	0.550	U
PCB-201	ND	5.32	0.535	U
PCB-202	ND	5.32	0.790	UM
PCB-204	ND	5.32	0.552	U
PCB-205	ND	5.32	0.721	U
PCB-206	1.40	5.32		J
PCB-207	ND	5.32	0.513	U
PCB-208	ND	5.32	0.521	UM
PCB-209	ND	5.32	0.313	UM
Total monoCB	52.6			
Total diCB	1820			
Total triCB	1580			
Total tetraCB	1540			
Total pentaCB	423			
Total hexaCB	130			
Total heptaCB	28.5			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	7.42			
Total nonaCB	1.40			
DecaCB	ND		0.313	UM
Total PCB	5580			

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-T170829140507 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 9:05

Sample Data
Matrix: Water
Sample Size: 0.940 L

Laboratory Data
Lab Sample: 1701165-02 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 22:01 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	53.9	5 -145	
	13C-PCB-3	62.3	5 -145	
	13C-PCB-4	61.4	5 -145	
	13C-PCB-11	80.3	5 -145	
	13C-PCB-9	69.7	5 -145	
	13C-PCB-19	91.6	5 -145	
	13C-PCB-28	96.6	5 -145	
	13C-PCB-32	102	5 -145	
	13C-PCB-37	99.0	5 -145	
	13C-PCB-47	83.8	5 -145	
	13C-PCB-52	83.2	5 -145	
	13C-PCB-54	77.7	5 -145	
	13C-PCB-70	89.6	5 -145	
	13C-PCB-77	94.9	10 -145	
	13C-PCB-80	90.6	10 -145	
	13C-PCB-81	93.6	10 -145	
	13C-PCB-95	87.0	10 -145	
	13C-PCB-97	94.1	10 -145	
	13C-PCB-101	91.8	10 -145	
	13C-PCB-104	79.3	10 -145	
	13C-PCB-105	79.0	10 -145	
	13C-PCB-114	78.6	10 -145	
	13C-PCB-118	95.2	10 -145	
	13C-PCB-123	94.3	10 -145	
	13C-PCB-126	78.2	10 -145	
	13C-PCB-127	78.2	10 -145	
	13C-PCB-138	91.3	10 -145	
	13C-PCB-141	92.3	10 -145	
	13C-PCB-153	91.1	10 -145	
	13C-PCB-155	124	10 -145	
	13C-PCB-156	93.5	10 -145	
	13C-PCB-157	91.4	10 -145	
	13C-PCB-159	92.1	10 -145	
	13C-PCB-167	91.8	10 -145	
	13C-PCB-169	90.5	10 -145	
	13C-PCB-170	98.2	10 -145	
	13C-PCB-180	97.5	10 -145	
	13C-PCB-188	89.5	10 -145	
	13C-PCB-189	97.3	10 -145	
	13C-PCB-194	96.8	10 -145	
	13C-PCB-202	117	10 -145	
	13C-PCB-206	114	10 -145	
	13C-PCB-208	111	10 -145	
	13C-PCB-209	119	10 -145	
CRS	13C-PCB-79	93.7	10 -145	
	13C-PCB-178	98.6	10 -145	

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

Sample ID: OWS-WAFO-T170829140721 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 13:07

Sample Data
Matrix: Water
Sample Size: 0.954 L

Laboratory Data
Lab Sample: 1701165-03 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 23:06 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-1	73.2	5.24		
PCB-2	1.84	5.24		J
PCB-3	18.4	5.24		
PCB-4/10	3590	10.5		
PCB-5/8	60.7	10.5		
PCB-6	19.9	5.24		
PCB-7/9	ND	10.5	5.47	U
PCB-11	10.1	5.24		B
PCB-12/13	16.5	10.5		
PCB-14	ND	5.24	0.504	U
PCB-15	208	5.24		
PCB-16/32	357	10.5		
PCB-17	261	5.24		
PCB-18	371	5.24		
PCB-19	1260	5.24		
PCB-20/21/33	15.7	15.7		
PCB-22	18.4	5.24		
PCB-23	ND	5.24	0.669	U
PCB-24/27	443	10.5		
PCB-25	40.0	5.24		
PCB-26	174	5.24		
PCB-28	183	5.24		
PCB-29	ND	5.24	0.342	UM
PCB-30	0.889	5.24		J
PCB-31	226	5.24		
PCB-34	7.22	5.24		
PCB-35	1.59	5.24		J
PCB-36	1.14	5.24		J
PCB-37	53.9	5.24		
PCB-38	5.76	5.24		
PCB-39	3.62	5.24		J
PCB-40	44.7	5.24		
PCB-41/64/71/72	303	21.0		
PCB-42/59	112	10.5		
PCB-43/49	488	10.5		
PCB-44	230	5.24		
PCB-45	90.4	5.24		
PCB-46	28.3	5.24		
PCB-47	313	5.24		B
PCB-48/75	38.8	10.5		
PCB-50	6.23	5.24		
PCB-51	53.6	5.24		
PCB-52/69	564	10.5		
PCB-53	256	5.24		
PCB-54	24.4	5.24		
PCB-55	2.21	5.24		J
PCB-56/60	84.0	10.5		
PCB-57	3.63	5.24		J
PCB-58	1.12	5.24		J
PCB-61/70	121	10.5		
PCB-62	ND	5.24	0.551	U
PCB-63	20.7	5.24		
PCB-65	1.60	5.24		J
PCB-66/76	147	10.5		
PCB-67	8.75	5.24		
PCB-68	10.8	5.24		
PCB-73	12.6	5.24		
PCB-74	92.4	5.24		
PCB-77	11.5	5.24		
PCB-78	ND	5.24	0.470	U
PCB-79	1.62	5.24		J
PCB-80	ND	5.24	0.405	U
PCB-81	ND	5.24	1.18	U
PCB-82	14.3	5.24		
PCB-83	ND	5.24	0.739	U
PCB-84/92	89.4	10.5		
PCB-85/116	23.1	10.5		
PCB-86	0.934	5.24		J
PCB-87/117/125	42.1	15.7		
PCB-88/91	50.0	5.24		

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-T170829140721 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 13:07

Sample Data
Matrix: Water
Sample Size: 0.954 L

Laboratory Data
Lab Sample: 1701165-03 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 23:06 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-89	2.45	5.24		J
PCB-90/101	103	10.5		
PCB-93	ND	5.24	1.14	U
PCB-94	9.68	5.24		
PCB-95/98/102	155	15.7		
PCB-96	7.59	5.24		
PCB-97	28.9	5.24		
PCB-99	57.2	5.24		
PCB-100	6.08	5.24		
PCB-103	7.21	5.24		
PCB-104	0.606	5.24		J
PCB-105	29.3	5.24		
PCB-106/118	59.8	10.5		
PCB-107/109	7.50	10.5		J
PCB-108/112	11.9	10.5		
PCB-110	125	5.24		
PCB-111/115	1.71	10.5		J
PCB-113	1.63	5.24		J
PCB-114	2.21	5.24		J
PCB-119	5.09	5.24		J
PCB-120	0.834	5.24		J
PCB-121	ND	5.24	0.664	U
PCB-122	1.39	5.24		J
PCB-123	1.48	5.24		J
PCB-124	2.75	5.24		J
PCB-126	ND	5.24	0.423	U
PCB-127	ND	5.24	0.858	U
PCB-128/162	8.67	10.5		J
PCB-129	2.12	5.24		J
PCB-130	5.44	5.24		
PCB-131/133	4.87	10.5		J
PCB-132/161	18.2	10.5		
PCB-134/143	6.16	10.5		J
PCB-135	13.9	5.24		
PCB-136	13.0	5.24		

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-137	2.32	5.24		J
PCB-138/163/164	59.3	15.7		
PCB-139/149	47.8	10.5		
PCB-140	1.08	5.24		J
PCB-141	6.45	5.24		
PCB-142	ND	5.24	1.23	U
PCB-144	1.07	5.24		J
PCB-145	ND	5.24	0.625	U
PCB-146/165	13.0	10.5		
PCB-147	5.13	5.24		J
PCB-148	0.566	5.24		J
PCB-150	ND	5.24	0.602	U
PCB-151	21.3	5.24		
PCB-152	ND	5.24	0.465	U
PCB-153	42.2	5.24		
PCB-154	2.97	5.24		J
PCB-155	ND	5.24	0.560	U
PCB-156	4.36	5.24		J
PCB-157	1.17	5.24		J
PCB-158/160	4.35	10.5		J
PCB-159	ND	5.24	0.743	U
PCB-166	ND	5.24	0.789	U
PCB-167	1.57	5.24		J
PCB-168	ND	5.24	0.755	U
PCB-169	ND	5.24	0.800	U
PCB-170	6.14	5.24		
PCB-171	1.67	5.24		J
PCB-172	1.61	5.24		J
PCB-173	ND	5.24	0.637	U
PCB-174	7.78	5.24		
PCB-175	ND	5.24	0.558	U
PCB-176	1.35	5.24		J
PCB-177	6.90	5.24		
PCB-178	6.50	5.24		
PCB-179	6.20	5.24		

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-T170829140721 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 13:07

Sample Data
Matrix: Water
Sample Size: 0.954 L

Laboratory Data
Lab Sample: 1701165-03 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 23:06 Column: ZB-1

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
PCB-180	14.2	5.24		
PCB-181	ND	5.24	0.560	U
PCB-182/187	17.2	10.5		
PCB-183	3.64	5.24		J
PCB-184	ND	5.24	0.449	U
PCB-185	0.660	5.24		J
PCB-186	ND	5.24	0.426	U
PCB-188	ND	5.24	0.408	U
PCB-189	ND	5.24	0.327	U
PCB-190	1.48	5.24		J
PCB-191	ND	5.24	0.401	U
PCB-192	ND	5.24	0.429	U
PCB-193	0.744	5.24		J
PCB-194	4.73	5.24		J
PCB-195	1.94	5.24		J
PCB-196/203	6.13	10.5		J
PCB-197	ND	5.24	0.426	U
PCB-198	ND	5.24	0.490	U
PCB-199	8.71	5.24		
PCB-200	0.817	5.24		J
PCB-201	0.853	5.24		J
PCB-202	3.11	5.24		J
PCB-204	ND	5.24	0.471	U
PCB-205	ND	5.24	0.397	U
PCB-206	5.86	5.24		
PCB-207	0.565	5.24		J
PCB-208	2.43	5.24		J
PCB-209	2.35	5.24		J
Total monoCB	93.4			
Total diCB	3900			
Total triCB	3420			
Total tetraCB	3070			
Total pentaCB	847			
Total hexaCB	287			
Total heptaCB	76.1			

Analyte	Conc. (pg/L)	RL	DL	Qualifiers
Total octaCB	26.3			
Total nonaCB	8.85			
DecaCB	2.35			
Total PCB	11700			

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-T170829140721 — EPA Method 1668C

Client Data
Name: General Electric Company
Project: Hudson River RAMP
Date Collected: 29-Aug-2017 13:07

Sample Data
Matrix: Water
Sample Size: 0.954 L

Laboratory Data
Lab Sample: 1701165-03 — Date Received: 30-Aug-2017 9:03
QC Batch: B8A0030 — Date Extracted: 05-Jan-2018 8:46
Date Analyzed : 18-Jan-18 23:06 Column: ZB-1

	Labeled Standard	%R	LCL-UCL	Qualifiers
IS	13C-PCB-1	62.9	5 -145	
	13C-PCB-3	68.2	5 -145	
	13C-PCB-4	65.1	5 -145	
	13C-PCB-11	78.8	5 -145	
	13C-PCB-9	70.7	5 -145	
	13C-PCB-19	90.1	5 -145	
	13C-PCB-28	99.6	5 -145	
	13C-PCB-32	100	5 -145	
	13C-PCB-37	102	5 -145	
	13C-PCB-47	85.0	5 -145	
	13C-PCB-52	83.9	5 -145	
	13C-PCB-54	75.9	5 -145	
	13C-PCB-70	92.7	5 -145	
	13C-PCB-77	98.8	10 -145	
	13C-PCB-80	93.3	10 -145	
	13C-PCB-81	96.9	10 -145	
	13C-PCB-95	88.4	10 -145	
	13C-PCB-97	95.0	10 -145	
	13C-PCB-101	92.6	10 -145	
	13C-PCB-104	80.0	10 -145	
	13C-PCB-105	79.9	10 -145	
	13C-PCB-114	80.2	10 -145	
	13C-PCB-118	96.7	10 -145	
	13C-PCB-123	97.9	10 -145	
	13C-PCB-126	79.5	10 -145	
	13C-PCB-127	80.7	10 -145	
	13C-PCB-138	97.2	10 -145	
	13C-PCB-141	95.5	10 -145	
	13C-PCB-153	95.0	10 -145	
	13C-PCB-155	126	10 -145	
	13C-PCB-156	97.5	10 -145	
	13C-PCB-157	96.6	10 -145	
	13C-PCB-159	95.9	10 -145	
	13C-PCB-167	96.0	10 -145	
	13C-PCB-169	96.4	10 -145	

	Labeled Standard	%R	LCL-UCL	Qualifiers
	13C-PCB-170	103	10 -145	
	13C-PCB-180	99.7	10 -145	
	13C-PCB-188	92.2	10 -145	
	13C-PCB-189	103	10 -145	
	13C-PCB-194	102	10 -145	
	13C-PCB-202	123	10 -145	
	13C-PCB-206	118	10 -145	
	13C-PCB-208	116	10 -145	
	13C-PCB-209	124	10 -145	
CRS	13C-PCB-79	97.1	10 -145	
	13C-PCB-178	103	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.

ANCHOR QEA

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

ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY

COC ID: COC170829141035VISTA
Sample Custodian: CCY
Lab: VISTA

Client: General Electric Company

Project: Hudson River Remedial Action Monitoring Program - Resuspension Monitoring

COC Sample Number	Field Sample ID	QA/QC	Matrix **	Date Collected	Time Collected	Media*	# Containers	TEST REQUESTED (1701165, 2.4 °C)	METHOD	MS	MSD	LD	Turn Around Time (hrs)	Preservative
001	OWS-SCHU-T170829140554	ENV	W	08/29/2017	11:44	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC
002	OWS-THIS-T170829140507	ENV	W	08/29/2017	09:05	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC
003	OWS-WAFO-T170829140721	ENV	W	08/29/2017	13:07	W	2							
								CS PCBs 1668	E1668C	N	N	N	504	4degC

Comments:

Relinquished by:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by:
Signature [signature]	Signature FEDEX	Signature FedEx	Signature [signature]	Signature	Signature
Print Name Christ Yates	Print Name	Print Name	Print Name Marissa Sparks	Print Name	Print Name
Company AQEA	Company	Company	Company Val	Company	Company
Date/Time 8/28/17	Date/Time	Date/Time	Date/Time 8/30/17 0911	Date/Time	Date/Time

Date Printed: 8/29/2017 * 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 #: 1701165 **TAT** Std

Samples Arrival:	**Date/Time** 8/30/17 0903	**Initials:** WMS	**Location:** WR-2 **Shelf/Rack:** N/a
Logged In:	**Date/Time** 08/31/17 1029	**Initials:** SR	**Location:** WR-1 **Shelf/Rack:** Cart/cooler

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

Temp °C: 2.3 (uncorrected)	**Time:** 0910	**Thermometer ID:** IR-1
Temp °C: 2.4 (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? WMS 8/30/17	✓		
Airbill Trk # 7875 5104 ~~35~~ 3259	✓		
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	

WMS 8/30/17

Comments:

EXTRACTION INFORMATION

Process Sheet

Workorder: 1701165

5-Jan-18

Prep Expiration: 2018-Aug-29
Client: GE Energy

Workorder Due: ~~29-Dec-17~~ 00:00

TAT: 121

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

Prep Batch: B8A0030

Prep Data Entered: 1/11/18, TLD
Date and Initials

Initial Sequence: S8A003562
MS 1/19/18

LabSampleID	Recon	ClientSampleID	Date Received	Location	Comments
1701165-01	☑	OWS-SCHU-T170829140554	30-Aug-17 09:03	WR-1 Cart	
1701165-02	☑	OWS-THIS-T170829140507	30-Aug-17 09:03	WR-1 Cart	
1701165-03	☑	OWS-WAFO-T170829140721	30-Aug-17 09:03	WR-1 Cart	

* % solids on Blank *

Vista PM:Martha Maier

Vial Box ID: TUM

Sample Reconciled By: GRB 1/5/18

Page 1 of 1

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener

B8A0030

Chemist: BSS

Prep Date/Time: 05-Jan-18 08:46

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	~~CRS~~ PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
							NA	NA	NA	NA	
☐	B8A0030-BLK1	NA	NA	(1.0000)	BSS GRB 1/5/18	TLD 1/10/18	NA	BL 1/10/18	NA	NA	TLD BL 1/10/18
☐	B8A0030-BS1	↓	↓	(1.0000)							
☐	1701020-01	1497.74	513.24	0.9845							
☐	1701020-02	1499.17	514.60	0.98457							
☐	1701020-03	1350.95	513.89	0.83706							
☐	1701020-04	1488.59	513.99	0.97460							
☐	1701020-05	1527.37	514.65	1.01272							
☐	1701020-06	1444.70	513.95	0.93075							
☐	1701020-07	1328.68	513.45	0.81523							
☐	1701020-08	1508.34	514.12	0.99422							
☐	1701020-09	1519.14	514.04	1.00510							
☐	1701020-10	1529.94	514.73	1.01521							
☐	1701020-11	1498.68	513.32	0.98536							
☐	1701020-12	1507.87	514.24	0.99363							
☐	1701020-13	1510.86	514.19	0.99667							
☐	1701020-14	1507.16	514.49	0.99267	↓	↓	↓	—	↓	↓	↓

IS Name	NS Name	~~CRS~~ PS Name	RS Name	Cycle Time	APP: (SEFUN) SOX SDS	Check Out: Chemist/Date: GRB 1/5/18
PCDD/F (V1)	PCDD/F	PCDD/F (V1)	PCDD/F (V1)	Start Date/Time	SOLV: DCM	Check In: Chemist/Date: EMPTY
PCB 17C2021, 10µl	PCB 16F1404, 10µl (V4)	PCB 17C2022, 10µl	PCB 17C2023, 10µl	NA	Other NA	Balance ID: HRMS-9
PAH	PAH	PAH	PAH	Stop Date/Time NA	Final Volume(s) 20µl Cg	

Comments: Assume 1 g = 1 mL

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 1668C Full List (All Congener

B8A0030

Chemist: BSS

Prep Date/Time: 05-Jan-18 08:46

Prepared using: HRMS - Separatory Funnel

C	VISTA Sample ID	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	~~CRS~~ PS CHEM/WIT DATE	AP CHEM/ DATE	ABSG CHEM/ DATE	AA CHEM/ DATE	Florisil CHEM/ DATE	RS CHEM/WIT DATE
							NA		NA	NA	
☐	1701020-15	1502.98	513.99	0.98899	BSS GRB 1/5/18	TND BL 1/10/18	NA	BL 1/10/18	NA	NA	TND BL 1/10/18
☐	1701165-01	1526.29	504.17	1.02212							
☐	1701165-02	1443.75	503.96	0.93979							
☐	1701165-03	1465.28	511.19	0.95409							

IS Name	NS Name	~~CRS~~ PS Name	RS Name	Cycle Time	APP: SEFUN SOX SDS	Check Out: Chemist/Date: GRB 1/5/18
PCDD/F	PCDD/F	PCDD/F (V1)	PCDD/F (V1)	Start Date/Time	SOLV: DCM	Check In: Chemist/Date: EMPTY
PCB 17C2021, 10µL (V1)	PCB 16F1404, 10µL (V4)	PCB 17C2022, 10µL	PCB 17C2023, 10µL	NA	Other NA	Balance ID: HRMS-9
PAH	PAH	PAH	PAH	Stop Date/Time	Final Volume(s) 20µL	
				NA	Cg	

Comments: Assume 1 g = 1 mL

Batch: B8A0030

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1701020-01	0.9845			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-02	0.98457			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-03	0.83706			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-04	0.9746			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-05	1.01272			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-06	0.93075			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-07	0.81523			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-08	0.99422			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-09	1.0051			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-10	1.01521			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-11	0.98536			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-12	0.99363			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-13	0.99667			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-14	0.99267			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701020-15	0.98899			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701165-01	1.02212			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701165-02	0.93979			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
1701165-03	0.95409			20	05-Jan-18 08:46	GRB			Water	1668C Full List (All Conger
B8A0030-BLK1	1			20	05-Jan-18 08:46	GRB				QC
B8A0030-BS1	1			20	05-Jan-18 08:46	GRB	16F1404	10		QC

FLD 1/11/18

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8A0029

Analyst: GRB **Test Code:** %Moist/%Solids **Analyte:** **Units:** % Dried at 110°C+/-5°C	Data Entry Verified by: (Initial and Date) GRB 1/9/18

Inst HRMS-9

Date/Time IN:	Date/Time OUT
1/5/18 9:40	1/9/18 8:45

	B	C	D	E	F	G	H	K	M	N	O	P	Q
				Intial and Date:	GRB 1/5/18	GRB 1/9/18			GRB 1/5/18				
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
NA	1701020-01		Sample	1.2500	16.1800	1.2500	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701020-02		Sample	1.2500	24.3600	1.2500	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701020-03		Sample	1.2300	18.2300	1.2400	0.0100	0.06	6	2	5	0	Clear With Part
NA	1701020-04		Sample	1.2500	20.3700	1.2600	0.0100	0.05	6	2	5	0	Clear With Part
NA	1701020-05		Sample	1.2500	16.4500	1.2500	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701020-06		Sample	1.2400	13.6500	1.2400	0.0000	0.00	7	2	5	0	Clear With Part
NA	1701020-07		Sample	1.2400	11.6600	1.2500	0.0100	0.10	7	2	5	0	Clear With Part
NA	1701020-08		Sample	1.2400	17.9700	1.2400	0.0000	0.00	7	2	5	0	Clear With Part
NA	1701020-09		Sample	1.2500	10.8600	1.2600	0.0100	0.10	5	2	5	0	Clear With Part
NA	1701020-10		Sample	1.2400	16.0200	1.2300	-0.0100	-0.07	5	2	5	0	Clear With Part
NA	1701020-11		Sample	1.2500	19.6000	1.2500	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701020-12		Sample	1.2400	21.4000	1.2400	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701020-13		Sample	1.2600	18.6400	1.2700	0.0100	0.06	6	2	5	0	Clear With Part
NA	1701020-14		Sample	1.2700	15.3300	1.2700	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701020-15		Sample	1.3000	16.7500	1.3000	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701165-01		Sample	1.3000	15.3700	1.3100	0.0100	0.07	6	2	5	0	Clear With Part
NA	1701165-02		Sample	1.3100	16.7100	1.3100	0.0000	0.00	6	2	5	0	Clear With Part
NA	1701165-03		Sample	1.3100	9.3300	1.3100	0.0000	0.00	6	2	5	0	Clear With Part
NA	B8A0030- BLK		QC	1.2500	17.2700	1.2500	0.0000	0.00	5	2	5	0	Clear With Part
NA	B8A0030- BS1		QC	1.2500	16.6700	1.2500	0.0000	0.00	5	2	5	0	Clear With Part

Percent Moisture/ Percent Solids

D2216-90 BATCH ID B8A0029

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

Data Entry Verified by: (Initial and Date) NA

Inst HRMS-9

Date/Time IN:	Date/Time OUT
1/5/18 9:40	1/9/18 8:45

	B	C	D	E	F	G	H	K	M	N	O	P	Q
				Intial and Date:	GRB 1/5/18	GRB 1/9/18			GRB 1/5/18				
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
	1701020-01		Sample	1.25	16.18	1.25			6	2	5	0	CLEAR W/ PARTICLES
	1701020-02		Sample	1.25	24.36	1.25			6	2	5	0	
	1701020-03		Sample	1.23	18.23	1.24			6	2	5	0	
	1701020-04		Sample	1.25	20.37	1.26			6	2	5	0	
	1701020-05		Sample	1.25	16.45	1.25			6	2	5	0	
	1701020-06		Sample	1.24	13.65	1.24			7	2	5	0	
	1701020-07		Sample	1.24	11.66	1.25			7	2	5	0	
	1701020-08		Sample	1.24	17.97	1.24			7	2	5	0	
	1701020-09		Sample	1.25	10.86	1.26			5	2	5	0	
	1701020-10		Sample	1.24	16.02	1.23			5	2	5	0	
	1701020-11		Sample	1.25	19.60	1.25			6	2	5	0	
	1701020-12		Sample	1.24	21.40	1.24			6	2	5	0	
	1701020-13		Sample	1.26	18.64	1.27			6	2	5	0	
	1701020-14		Sample	1.27	15.33	1.27			6	2	5	0	
	1701020-15		Sample	1.30	16.75	1.30			6	2	5	0	
	1701165-01		Sample	1.30	15.37	1.31			6	2	5	0	
	1701165-02		Sample	1.31	16.71	1.31	GRB 1/5/18		6	2	5	0	
	1701165-03		Sample	1.31	9.33	1.31			6	2	5	0	
	B8A0030-BLK		QC	1.25	17.27	1.25			5	2	5	0	CLEAR
	B8A0030-BS1		QC	1.25	16.67	1.25			5	2	5	0	CLEAR

SAMPLE DATA – EPA METHOD 1668C

Client ID: Method Blank Filename: 180110E1 S:5 Acq:10-JAN-18 18:08:59 ✔ ConCal: ST180110E1-1
Lab ID: B8A0030-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	*	*	n NotF╗	1.14	*		7500	1.0	1.60	*	0.996-1.006
Mono	PCB-2	*	*	n NotF╗	1.09	*		4200	2.5	2.26	*	0.983-0.993
Mono	PCB-3	*	*	n NotF╗	1.10	*		7500	1.0	1.59	*	0.996-1.006
Di	PCB-4/10	*	*	n NotF╗	1.41	*		3500	2.5	1.80	*	0.998-1.008
Di	PCB-7/9	*	*	n NotF╗	1.13	*		3500	2.5	1.36	*	0.864-0.871
Di	PCB-6	*	*	n NotF╗	1.09	*		3500	2.5	1.40	*	0.888-0.897
Di	PCB-5/8	*	*	n NotF╗	1.14	*		9560	2.5	3.67	*	0.905-0.913
Di	PCB-14	*	*	n NotF╗	1.39	*		3500	2.5	1.01	*	0.948-0.958
Di	PCB-11	5.96e+05	1.49	y 25:11	1.18	7.844		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	*	*	n NotF╗	1.15	*		3500	2.5	1.22	*	1.011-1.021
Di	PCB-15	*	*	n NotF╗	1.26	*		3500	2.5	1.11	*	1.023-1.033
Tri	PCB-19	*	*	n NotF╗	1.25	*		2680	2.5	1.14	*	0.996-1.006
Tri	PCB-30	*	*	n NotF╗	1.94	*		2680	2.5	0.730	*	1.033-1.043
Tri	PCB-18	*	*	n NotF╗	0.95	*		2680	2.5	0.953	*	0.949-0.959
Tri	PCB-17	*	*	n NotF╗	1.03	*		2680	2.5	0.877	*	0.955-0.965
Tri	PCB-24/27	*	*	n NotF╗	1.35	*		2680	2.5	0.670	*	0.976-0.986
Tri	PCB-16/32	*	*	n NotF╗	1.11	*		2680	2.5	0.816	*	0.995-1.005
Tri	PCB-34	*	*	n NotF╗	1.19	*		2630	2.5	0.839	*	0.955-0.965
Tri	PCB-23	*	*	n NotF╗	1.24	*		2630	2.5	0.806	*	0.958-0.968
Tri	PCB-29	*	*	n NotF╗	1.26	*		2630	2.5	0.790	*	0.966-0.976
Tri	PCB-26	*	*	n NotF╗	1.23	*		2630	2.5	0.810	*	0.974-0.984
Tri	PCB-25	*	*	n NotF╗	1.15	*		2630	2.5	0.866	*	0.980-0.990
Tri	PCB-31	*	*	n NotF╗	1.32	*		2630	2.5	0.756	*	0.992-1.002
Tri	PCB-28	*	*	n NotF╗	1.25	*		2630	2.5	0.797	*	0.995-1.005
Tri	PCB-20/21/33	*	*	n NotF╗	1.20	*		2630	2.5	0.830	*	1.017-1.027
Tri	PCB-22	*	*	n NotF╗	1.20	*		2630	2.5	0.832	*	1.032-1.042
Tri	PCB-36	*	*	n NotF╗	1.24	*		2630	2.5	0.829	*	0.929-0.939
Tri	PCB-39	*	*	n NotF╗	1.32	*		2630	2.5	0.777	*	0.943-0.953
Tri	PCB-38	*	*	n NotF╗	1.18	*		2630	2.5	0.873	*	0.966-0.976
Tri	PCB-35	*	*	n NotF╗	1.20	*		2630	2.5	0.858	*	0.982-0.992
Tri	PCB-37	*	*	n NotF╗	1.33	*		2630	2.5	0.772	*	0.995-1.005
Tetra	PCB-54	*	*	n NotF╗	1.12	*		2820	2.5	0.936	*	0.996-1.006
Tetra	PCB-50	*	*	n NotF╗	0.90	*		2820	2.5	1.16	*	1.038-1.048
Tetra	PCB-53	*	*	n NotF╗	1.14	*		2820	2.5	1.07	*	0.941-0.951
Tetra	PCB-51	*	*	n NotF╗	1.18	*		2820	2.5	1.03	*	0.952-0.962
Tetra	PCB-45	*	*	n NotF╗	1.03	*		2820	2.5	1.19	*	0.965-0.975
Tetra	PCB-46	*	*	n NotF╗	0.98	*		2820	2.5	1.25	*	0.981-0.991

Integrations by:

Analyst: M

Date: 1/15/18

Reviewed by: CT Date: 1/22/18

Client ID: Method Blank Filename: 180110E1 S:5 Acq:10-JAN-18 18:08:59 ConCal: ST180110E1-1 Page 3 of
Lab ID: B8A0030-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA		RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	*	*	n	NotF	1.32	*		2820	2.5	0.923	*	0.996-1.006
Tetra	PCB-73	*	*	n	NotF	1.39	*		2820	2.5	0.881	*	1.000-1.010
Tetra	PCB-43/49	*	*	n	NotF	1.14	*		2820	2.5	1.07	*	1.005-1.015
Tetra	PCB-47	2.76e+05	0.89	y	31:57	1.04	4.507		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-48/75	*	*	n	NotF	1.31	*		2820	2.5	0.828	*	0.999-1.009
Tetra	PCB-65	*	*	n	NotF	1.23	*		2820	2.5	0.881	*	1.007-1.017
Tetra	PCB-62	*	*	n	NotF	1.27	*		2820	2.5	0.858	*	1.011-1.021
Tetra	PCB-44	*	*	n	NotF	0.91	*		2820	2.5	1.20	*	1.020-1.030
Tetra	PCB-42/59	*	*	n	NotF	1.20	*		2820	2.5	0.908	*	1.027-1.037
Tetra	PCB-41/64/71/72	*	*	n	NotF	1.27	*		2820	2.5	0.854	*	1.046-1.056
Tetra	PCB-68	7.91e+04	0.54	n	33:50	1.48	0.9112	R	*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	*	*	n	NotF	0.82	*		2820	2.5	1.33	*	1.060-1.070
Tetra	PCB-57	*	*	n	NotF	1.15	*		2820	2.5	0.744	*	0.965-0.975
Tetra	PCB-67	*	*	n	NotF	1.14	*		2820	2.5	0.745	*	0.974-0.984
Tetra	PCB-58	*	*	n	NotF	1.22	*		2820	2.5	0.699	*	0.977-0.987
Tetra	PCB-63	*	*	n	NotF	1.22	*		2820	2.5	0.698	*	0.982-0.992
Tetra	PCB-74	*	*	n	NotF	1.22	*		2820	2.5	0.696	*	0.990-1.000
Tetra	PCB-61/70	*	*	n	NotF	1.16	*		2820	2.5	0.732	*	0.994-1.004
Tetra	PCB-76/66	*	*	n	NotF	1.20	*		2820	2.5	0.711	*	1.001-1.011
Tetra	PCB-80	*	*	n	NotF	1.38	*		2820	2.5	0.651	*	0.995-1.005
Tetra	PCB-55	*	*	n	NotF	1.26	*		2820	2.5	0.714	*	1.004-1.014
Tetra	PCB-56/60	*	*	n	NotF	1.16	*		2820	2.5	0.776	*	1.018-1.028
Tetra	PCB-79	*	*	n	NotF	1.24	*		2820	2.5	0.725	*	1.047-1.057
Tetra	PCB-78	*	*	n	NotF	1.13	*		2820	2.5	0.731	*	0.982-0.992
Tetra	PCB-81	*	*	n	NotF	1.27	*		2820	2.5	0.652	*	0.995-1.005
Tetra	PCB-77	*	*	n	NotF	1.32	*		2820	2.5	0.652	*	0.995-1.005
Penta	PCB-104	*	*	n	NotF	1.37	*		2760	2.5	1.42	*	0.996-1.006
Penta	PCB-96	*	*	n	NotF	1.18	*		2760	2.5	1.64	*	1.034-1.044
Penta	PCB-103	*	*	n	NotF	1.12	*		2760	2.5	1.72	*	1.051-1.061
Penta	PCB-100	*	*	n	NotF	1.10	*		2760	2.5	1.77	*	1.062-1.072
Penta	PCB-94	*	*	n	NotF	1.16	*		2760	2.5	1.97	*	0.981-0.991
Penta	PCB-95/98/102	*	*	n	NotF	1.31	*		2760	2.5	1.74	*	0.994-1.004
Penta	PCB-93	*	*	n	NotF	1.08	*		2760	2.5	2.12	*	0.997-1.007
Penta	PCB-88/91	*	*	n	NotF	1.20	*		2760	2.5	1.91	*	1.005-1.015
Penta	PCB-121	*	*	n	NotF	1.85	*		2760	2.5	1.24	*	1.009-1.019
Penta	PCB-84/92	*	*	n	NotF	1.22	*		2760	2.5	1.80	*	0.985-0.995
Penta	PCB-89	*	*	n	NotF	1.18	*		2760	2.5	1.85	*	0.990-1.000

Analyst: MN

Date: 1/15/18

Client ID: Method Blank Filename: 180110E1 S:5 Acq:10-JAN-18 18:08:59 ConCal: ST180110E1-1
Lab ID: B8A0030-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	*	*	n NotF	1.38	*		2760	2.5	1.59	*	0.995-1.005
Penta	PCB-113	*	*	n NotF	1.52	*		2760	2.5	1.45	*	1.002-1.012
Penta	PCB-99	*	*	n NotF	1.48	*		2760	2.5	1.49	*	1.004-1.014
Penta	PCB-119	*	*	n NotF	2.12	*		2760	2.5	1.17	*	0.982-0.992
Penta	PCB-108/112	*	*	n NotF	1.59	*		2760	2.5	1.56	*	0.986-0.996
Penta	PCB-83	*	*	n NotF	1.90	*		2760	2.5	1.31	*	0.991-1.001
Penta	PCB-97	*	*	n NotF	1.50	*		2760	2.5	1.65	*	0.995-1.005
Penta	PCB-86	*	*	n NotF	1.19	*		2760	2.5	2.08	*	0.999-1.009
Penta	PCB-87/117/125	*	*	n NotF	1.76	*		2760	2.5	1.40	*	1.002-1.012
Penta	PCB-111/115	*	*	n NotF	2.09	*		2760	2.5	1.19	*	1.007-1.017
Penta	PCB-85/116	*	*	n NotF	1.53	*		2760	2.5	1.62	*	1.010-1.020
Penta	PCB-120	*	*	n NotF	2.19	*		2760	2.5	1.13	*	1.016-1.026
Penta	PCB-110	4.65e+04	1.18	n 39:41	1.87	0.6493	R	*	2.5	*	1.024	1.020-1.030
Penta	PCB-82	*	*	n NotF	0.88	*		2760	2.5	1.99	*	0.971-0.981
Penta	PCB-124	*	*	n NotF	1.46	*		2760	2.5	1.20	*	0.988-0.998
Penta	PCB-107/109	*	*	n NotF	1.47	*		2760	2.5	1.19	*	0.991-1.001
Penta	PCB-123	*	*	n NotF	1.48	*		2760	2.5	1.18	*	0.996-1.006
Penta	PCB-106/118	*	*	n NotF	1.45	*		4000	1.0	0.666	*	0.996-1.006
Penta	PCB-114	*	*	n NotF	1.39	*		1850	2.5	0.717	*	0.995-1.005
Penta	PCB-122	*	*	n NotF	1.21	*		1850	2.5	0.825	*	0.999-1.009
Penta	PCB-105	*	*	n NotF	1.44	*		1850	2.5	0.689	*	0.995-1.005
Penta	PCB-127	*	*	n NotF	1.19	*		1850	2.5	0.784	*	0.995-1.005
Penta	PCB-126	*	*	n NotF	1.33	*		1850	2.5	0.781	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF	1.42	*		2350	2.5	1.14	*	0.966-1.006
Hexa	PCB-150	*	*	n NotF	1.32	*		2350	2.5	1.23	*	1.029-1.039
Hexa	PCB-152	*	*	n NotF	1.30	*		2350	2.5	1.25	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF	1.27	*		2350	2.5	1.28	*	1.054-1.064
Hexa	PCB-136	*	*	n NotF	1.30	*		2350	2.5	1.25	*	1.063-1.073
Hexa	PCB-148	*	*	n NotF	0.94	*		2350	2.5	1.72	*	1.066-1.076
Hexa	PCB-154	*	*	n NotF	1.04	*		2350	2.5	1.56	*	1.079-1.089
Hexa	PCB-151	*	*	n NotF	0.97	*		2350	2.5	1.68	*	1.095-1.107
Hexa	PCB-135	*	*	n NotF	0.99	*		2350	2.5	1.64	*	1.101-1.113
Hexa	PCB-144	*	*	n NotF	0.99	*		2350	2.5	1.63	*	1.105-1.116
Hexa	PCB-147	*	*	n NotF	0.89	*		2350	2.5	1.83	*	1.108-1.120
Hexa	PCB-139/149	*	*	n NotF	1.03	*		2350	2.5	1.58	*	1.115-1.127
Hexa	PCB-140	*	*	n NotF	0.97	*		2350	2.5	1.68	*	1.120-1.132
Hexa	PCB-134/143	*	*	n NotF	0.93	*		2120	2.5	0.987	*	0.970-0.980

Analyst: MJ

Date: 1/15/18

Client ID: Method Blank
Lab ID: B8A0030-BLK1

Filename: 180110E1 S:5 Acq:10-JAN-18 18:08.59
GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000

ConCal: ST180110E1-1
EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	*	*	n NotF¶	0.92	*		2120	2.5	0.998	*	0.977-0.987
Hexa	PCB-142	*	*	n NotF¶	0.86	*		2120	2.5	1.07	*	0.980-0.990
Hexa	PCB-146/165	*	*	n NotF¶	1.12	*		2120	2.5	0.823	*	0.986-0.996
Hexa	PCB-132/161	*	*	n NotF¶	1.13	*		2120	2.5	0.812	*	0.992-1.002
Hexa	PCB-153	*	*	n NotF¶	1.16	*		2120	2.5	0.797	*	0.996-1.006
Hexa	PCB-168	*	*	n NotF¶	1.41	*		2120	2.5	0.652	*	1.000-1.010
Hexa	PCB-141	*	*	n NotF¶	1.24	*		2120	2.5	0.874	*	0.996-1.006
Hexa	PCB-137	*	*	n NotF¶	1.25	*		2120	2.5	0.862	*	1.004-1.014
Hexa	PCB-130	*	*	n NotF¶	1.07	*		2120	2.5	1.01	*	1.006-1.016
Hexa	PCB-138/163/164	*	*	n NotF¶	1.36	*		3000	2.5	1.09	*	0.996-1.006
Hexa	PCB-158/160	*	*	n NotF¶	1.46	*		2120	2.5	0.718	*	1.001-1.011
Hexa	PCB-129	*	*	n NotF¶	1.01	*		2120	2.5	1.04	*	1.007-1.017
Hexa	PCB-166	*	*	n NotF¶	1.23	*		2120	2.5	0.697	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF¶	1.31	*		2120	2.5	0.655	*	0.995-1.005
Hexa	PCB-128/162	*	*	n NotF¶	1.09	*		3000	2.5	1.11	*	1.002-1.012
Hexa	PCB-167	*	*	n NotF¶	1.29	*		2120	2.5	0.636	*	0.995-1.005
Hexa	PCB-156	*	*	n NotF¶	1.32	*		2120	2.5	0.645	*	0.995-1.005
Hexa	PCB-157	*	*	n NotF¶	1.34	*		2120	2.5	0.634	*	0.995-1.005
Hexa	PCB-169	*	*	n NotF¶	1.21	*		2120	2.5	0.645	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF¶	1.61	*		1900	2.5	0.445	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF¶	1.46	*		1900	2.5	0.490	*	1.006-1.016
Hepta	PCB-179	*	*	n NotF¶	1.49	*		1900	2.5	0.481	*	1.024-1.034
Hepta	PCB-176	*	*	n NotF¶	1.58	*		1900	2.5	0.453	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF¶	1.54	*		1900	2.5	0.465	*	1.049-1.059
Hepta	PCB-178	*	*	n NotF¶	1.16	*		1900	2.5	0.618	*	1.061-1.071
Hepta	PCB-175	*	*	n NotF¶	1.17	*		1900	2.5	0.609	*	1.069-1.079
Hepta	PCB-182/187	*	*	n NotF¶	1.25	*		1900	2.5	0.570	*	1.073-1.083
Hepta	PCB-183	*	*	n NotF¶	1.32	*		1900	2.5	0.541	*	1.080-1.090
Hepta	PCB-185	*	*	n NotF¶	1.67	*		1900	2.5	0.588	*	0.951-0.961
Hepta	PCB-174	*	*	n NotF¶	1.53	*		1900	2.5	0.641	*	0.958-0.968
Hepta	PCB-181	*	*	n NotF¶	1.59	*		1900	2.5	0.616	*	0.960-0.970
Hepta	PCB-177	*	*	n NotF¶	1.48	*		1900	2.5	0.664	*	0.964-0.974
Hepta	PCB-171	*	*	n NotF¶	1.71	*		1900	2.5	0.575	*	0.969-0.979
Hepta	PCB-173	*	*	n NotF¶	1.40	*		1900	2.5	0.702	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF¶	1.61	*		1900	2.5	0.610	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF¶	2.08	*		1900	2.5	0.472	*	0.991-1.001
Hepta	PCB-180	*	*	n NotF¶	1.67	*		1900	2.5	0.588	*	0.995-1.005

Analyst: MJ

Date: 1/15/18

Client ID: Method Blank Filename: 180110E1 S:5 Acq:10-JAN 18 18:08:59 ConCal: ST180110E1-1
Lab ID: B8A0030-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF╗	2.18	*		1900	2.5	0.450	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	2.22	*		1900	2.5	0.441	*	1.005-1.015
Hepta	PCB-170	*	*	n NotF╗	1.83	*		1900	2.5	0.521	*	0.995-1.005
Hepta	PCB-190	*	*	n NotF╗	2.48	*		1900	2.5	0.384	*	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.82	*		1900	2.5	0.354	*	0.995-1.005
Octa	PCB-202	*	*	n NotF╗	1.15	*		1920	2.5	0.885	*	0.995-1.005
Octa	PCB-201	*	*	n NotF╗	1.25	*		1920	2.5	0.817	*	1.005-1.015
Octa	PCB-204	*	*	n NotF╗	1.21	*		1920	2.5	0.843	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.34	*		1920	2.5	0.762	*	1.015-1.025
Octa	PCB-200	*	*	n NotF╗	1.22	*		1920	2.5	0.839	*	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.90	*		1920	2.5	1.13	*	1.064-1.074
Octa	PCB-199	*	*	n NotF╗	0.85	*		1920	2.5	1.21	*	1.067-1.077
Octa	PCB-196/203	*	*	n NotF╗	0.96	*		1920	2.5	1.06	*	1.072-1.082
Octa	PCB-195	*	*	n NotF╗	1.12	*		2100	2.5	0.770	*	0.979-0.989
Octa	PCB-194	3.00e+04	1.32	n 53:56	1.26	0.5518		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.59	*		2100	2.5	0.544	*	1.000-1.010
Nona	PCB-208	*	*	n NotF╗	1.09	*		1800	2.5	0.452	*	0.995-1.005
Nona	PCB-207	*	*	n NotF╗	1.10	*		1800	2.5	0.450	*	1.001-1.011
Nona	PCB-206	*	*	n NotF╗	0.94	*		1800	2.5	0.742	*	0.995-1.005
Deca	PCB-209	*	*	n NotF╗	1.44	*		1430	2.5	0.532	*	0.995-1.005

Analyst: MJ

Date: 1/15/18

Client ID: Method Blank Filename: 180110E1 S:5 Acq:10-JAN-18 18:08:59 ConCal: ST180110E1-1
Lab ID: B8A0030-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.000 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	*	*	n	NotFnd	1.11	*	
Total Di-PCB	5.96e+05	1.49	y	25:11	1.19	7.84383	
Total Tri-PCB	*	*	n	NotFnd	1.27	*	
Total Tri-PCB	*	*	n	NotFnd	1.23	*	Sum:0.00000
Total Tetra-PCB	2.76e+05	0.89	y	31:57	1.17	4.50667	
Total Penta-PCB	*	*	n	NotFnd	1.37	*	
Total Penta-PCB	*	*	n	NotFnd	1.31	*	Sum:0.00000
Total Hexa-PCB	*	*	n	NotFnd	1.10	*	
Total Hexa-PCB	*	*	n	NotFnd	1.17	*	Sum:0.00000
Total Hepta-PCB	*	*	n	NotFnd	1.55	*	
Total Octa-PCB	*	*	n	NotFnd	1.09	*	
Total Octa-PCB	*	*	n	NotFnd	1.33	*	Sum:0.00000
Total Nona-PCB	*	*	n	NotFnd	1.05	*	
Total Deca-PCB	*	*	n	NotFnd	1.44	*	

Total PCB Conc:14.4627320000

Integrations by Analyst: M

Date: 1/15/18

Client ID: Method Blank Filename: 180110E1 S:5 Acq:10-JAN-18 18:08:59 ConCal: ST180110E1-1
Lab ID: B8A0030-BLK1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.04e+08	3.16 y	1.24	16:02	0.620	0.616	0.622	915	45.8
13C-PCB-3	1.17e+08	3.14 y	1.25	18:39	0.721	0.717	0.725	1020	50.8
13C-PCB-4	6.37e+07	1.58 y	0.66	19:59	0.773	0.768	0.776	1050	52.7
13C-PCB-9	1.07e+08	1.55 y	0.98	21:47	0.842	0.838	0.846	1190	59.6
13C-PCB-11	1.29e+08	1.56 y	0.95	25:10	0.973	0.968	0.978	1480	73.9
13C-PCB-19	7.42e+07	1.08 y	0.64	24:08	0.933	0.928	0.938	1270	63.4
13C-PCB-28	1.36e+08	1.06 y	0.98	29:01	1.004	0.999	1.009	1900	95.1
13C-PCB-32	1.27e+08	1.07 y	0.90	27:04	1.046	1.041	1.051	1530	76.6
13C-PCB-37	1.38e+08	1.07 y	0.95	32:54	1.138	1.131	1.144	1980	99.0
13C-PCB-47	1.18e+08	0.79 y	0.85	31:56	0.870	0.867	0.875	1620	81.1
13C-PCB-52	1.04e+08	0.78 y	0.77	31:26	0.857	0.853	0.861	1570	78.3
13C-PCB-54	1.16e+08	0.81 y	0.99	27:53	0.760	0.757	0.765	1370	68.4
13C-PCB-70	1.53e+08	0.80 y	1.00	35:28	0.966	0.961	0.971	1790	89.5
13C-PCB-77	1.59e+08	0.81 y	0.96	39:34	1.078	1.073	1.083	1950	97.5
13C-PCB-80	1.52e+08	0.81 y	1.00	35:53	0.978	0.973	0.983	1780	88.9
13C-PCB-81	1.65e+08	0.80 y	1.00	38:59	1.062	1.057	1.067	1920	96.2
13C-PCB-95	8.19e+07	1.61 y	0.81	35:45	0.913	0.908	0.918	1680	84.1
13C-PCB-97	7.68e+07	1.61 y	0.70	38:44	0.989	0.984	0.994	1830	91.6
13C-PCB-101	8.63e+07	1.63 y	0.80	37:27	0.956	0.951	0.961	1790	89.7
13C-PCB-104	9.52e+07	1.60 y	1.03	32:35	0.832	0.828	0.836	1530	76.7
13C-PCB-105	1.28e+08	1.57 y	1.16	42:60	0.929	0.924	0.934	1910	95.5
13C-PCB-114	1.30e+08	1.60 y	1.17	42:08	0.910	0.905	0.915	1930	96.4
13C-PCB-118	1.15e+08	1.59 y	0.99	41:29	1.059	1.054	1.064	1930	96.7
13C-PCB-123	1.10e+08	1.61 y	0.95	41:18	1.054	1.049	1.059	1930	96.3
13C-PCB-126	1.30e+08	1.61 y	1.16	45:14	0.977	0.972	0.982	1940	96.8
13C-PCB-127	1.39e+08	1.58 y	1.25	43:21	0.936	0.931	0.941	1910	95.6
13C-PCB-138	1.23e+08	1.26 y	1.15	44:44	0.966	0.961	0.971	1860	93.0
13C-PCB-141	1.17e+08	1.27 y	1.08	43:54	0.948	0.943	0.953	1880	94.2
13C-PCB-153	1.39e+08	1.26 y	1.28	43:10	0.932	0.928	0.938	1870	93.6
13C-PCB-155	8.82e+07	1.27 y	0.75	36:58	0.944	0.939	0.949	1960	98.1
13C-PCB-156	1.54e+08	1.27 y	1.37	47:60	1.037	1.032	1.042	1940	97.1
13C-PCB-157	1.53e+08	1.27 y	1.38	48:15	1.042	1.038	1.048	1920	96.2
13C-PCB-159	1.51e+08	1.27 y	1.38	46:01	0.994	0.989	0.999	1890	94.6
13C-PCB-167	1.56e+08	1.26 y	1.39	46:43	1.009	1.004	1.014	1930	96.7
13C-PCB-169	1.57e+08	1.28 y	1.38	50:27	1.090	1.085	1.095	1970	98.3
13C-PCB-170	6.82e+07	0.45 y	0.84	50:50	1.102	1.097	1.109	2050	103
13C-PCB-180	7.66e+07	0.46 y	0.96	49:17	1.069	1.063	1.073	2010	100
13C-PCB-188	1.01e+08	0.45 y	1.39	42:47	0.928	0.923	0.933	1840	92.2
13C-PCB-189	9.35e+07	0.45 y	1.12	52:24	1.136	1.132	1.144	2110	106
13C-PCB-194	8.61e+07	0.91 y	0.76	53:56	0.995	0.990	1.000	1880	94.0
13C-PCB-202	9.39e+07	0.91 y	1.21	48:12	1.045	1.040	1.050	1960	97.9
13C-PCB-206	9.41e+07	0.77 y	0.78	55:32	1.024	1.019	1.029	2000	100
13C-PCB-208	1.22e+08	0.77 y	1.08	53:11	0.981	0.976	0.986	1890	94.5
13C-PCB-209	9.38e+07	1.21 y	0.73	56:53	1.050	1.043	1.053	2130	107

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.65e+08	0.79 y	1.02	37:46	1.029	1.024	1.034	1900	94.9
13C-PCB-178	6.97e+07	0.46 y	0.90	45:35	0.985	0.980	0.990	1940	97.2

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.65e+08	0.79 y	1.01	37:46	0.969	0.963	0.973	1970	98.6
13C-PCB-178	6.97e+07	0.46 y	0.94	45:35	0.925	0.920	0.930	1940	96.8

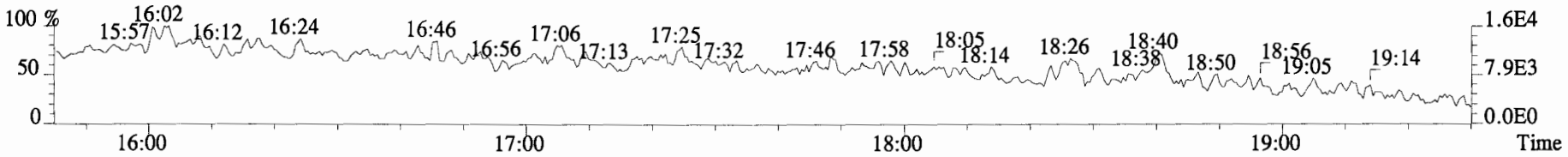
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.84e+08	1.57 y	1.00	25:52	2000
13C-PCB-31	1.46e+08	1.06 y	1.00	28:54	2000
13C-PCB-60	1.71e+08	0.78 y	1.00	36:41	2000
13C-PCB-111	1.20e+08	1.62 y	1.00	39:10	2000
13C-PCB-128	1.16e+08	1.25 y	1.00	46:17	2000
13C-PCB-182	7.93e+07	0.46 y	1.00	46:07	2000
13C-PCB-205	1.20e+08	0.89 y	1.00	54:12	2000

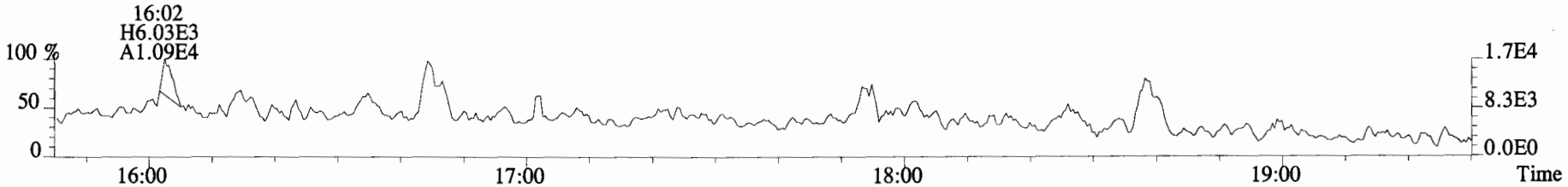
Analyst: MJ

Date: 1/15/18

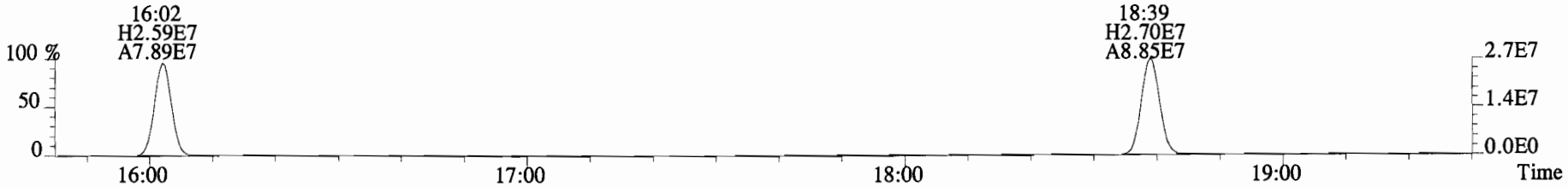
File:180110E1 #1-867 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11112.0,0.00%,F,F)



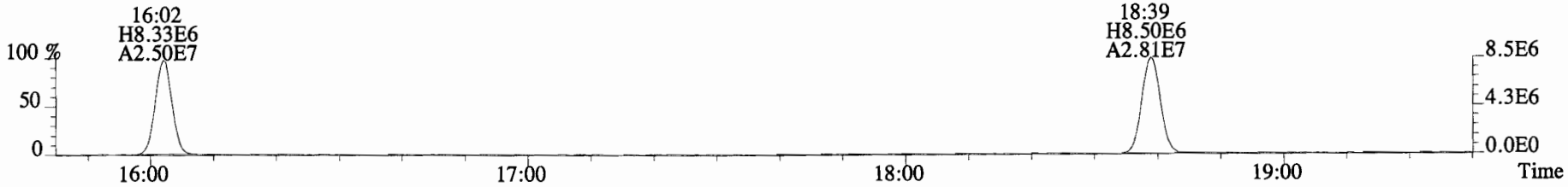
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7480.0,0.00%,F,F)



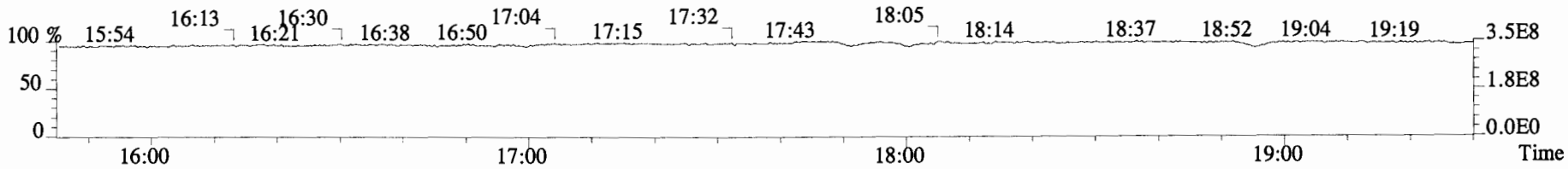
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8204.0,0.00%,F,F)



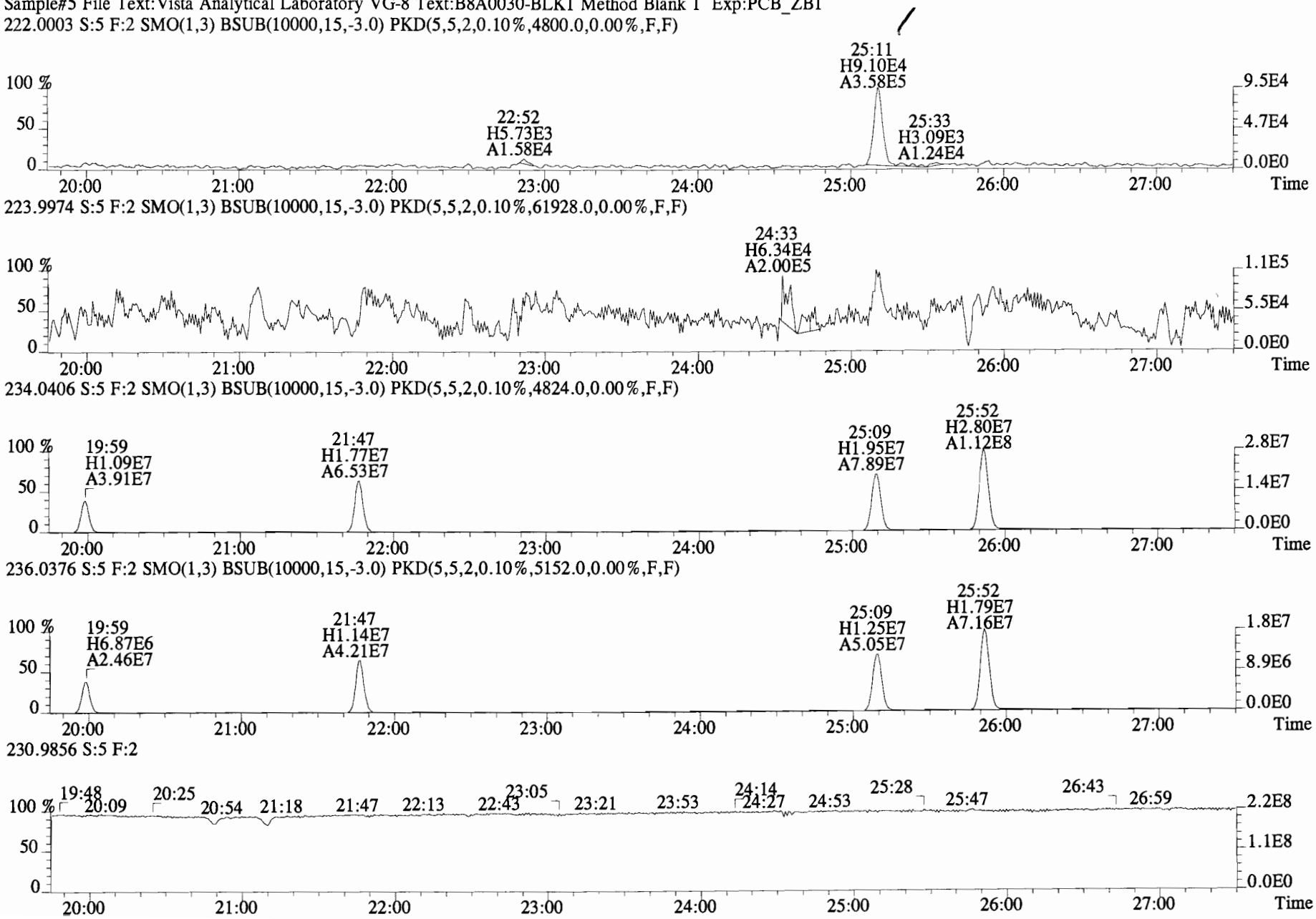
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38512.0,0.00%,F,F)



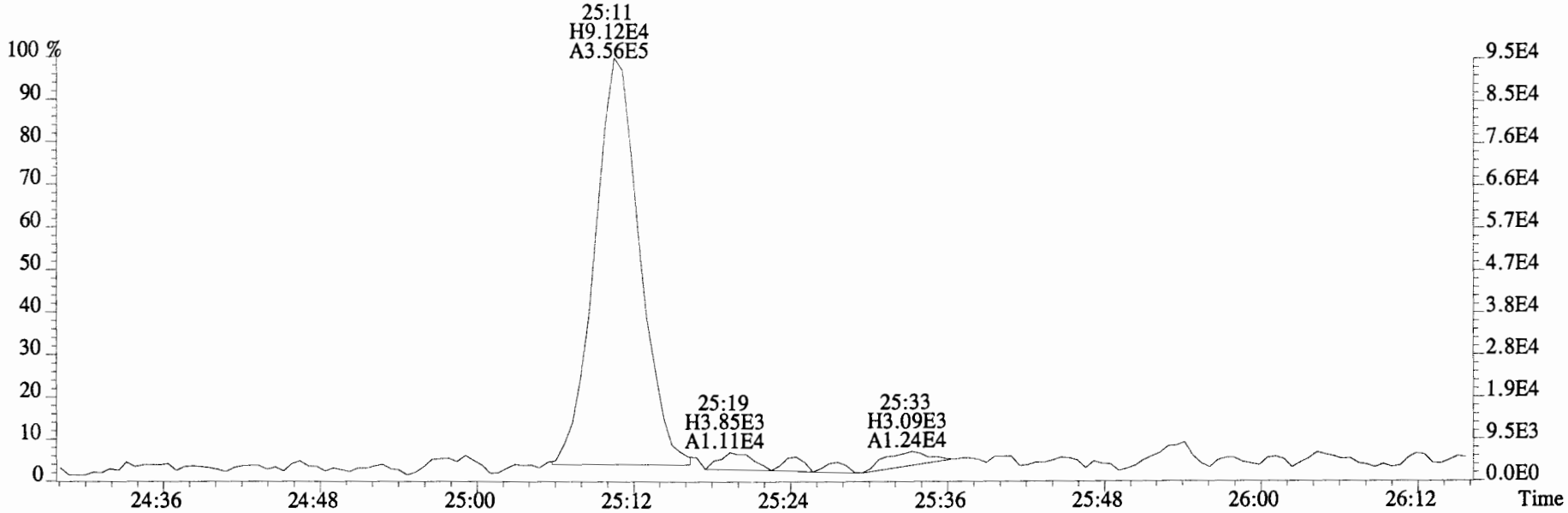
180.9880 S:5



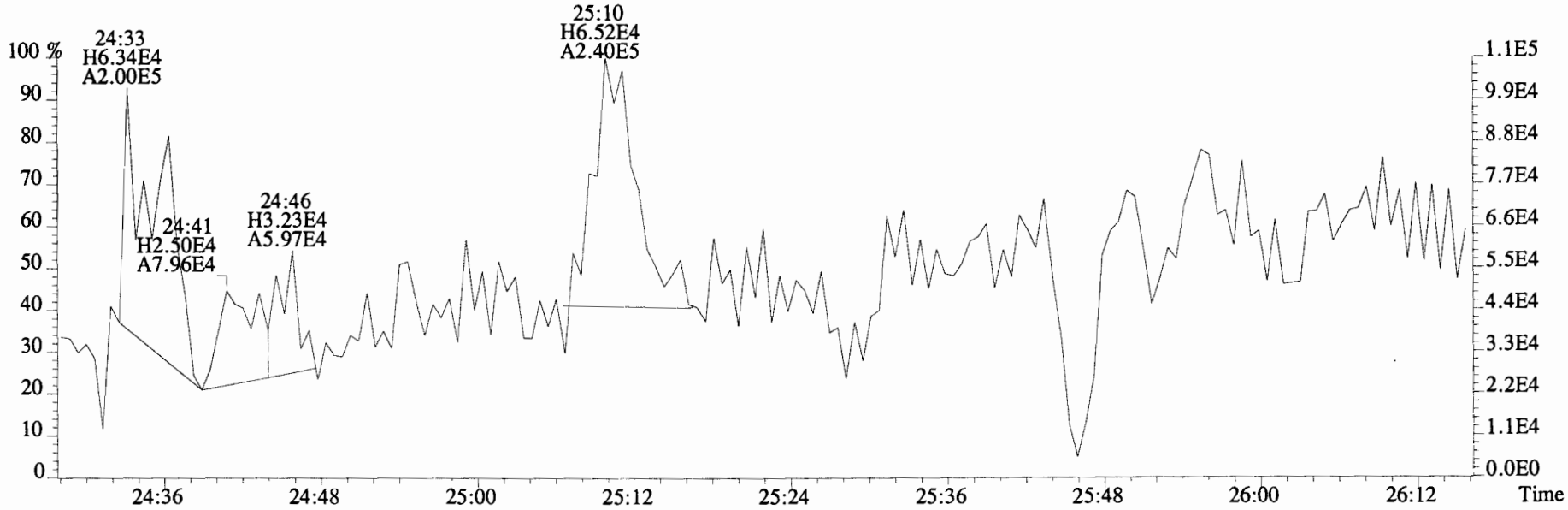
File:180110E1 #1-757 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1



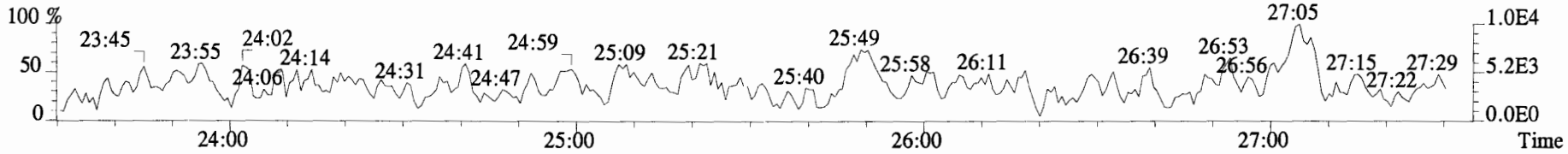
File:180110E1 #1-757 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4800.0,0.00%,F,F)



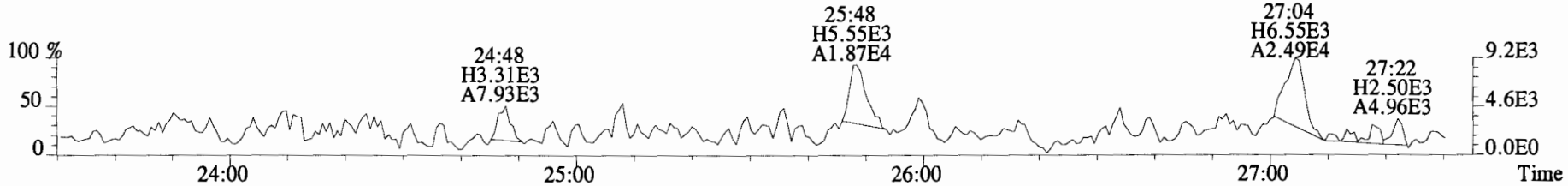
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,61928.0,0.00%,F,F)



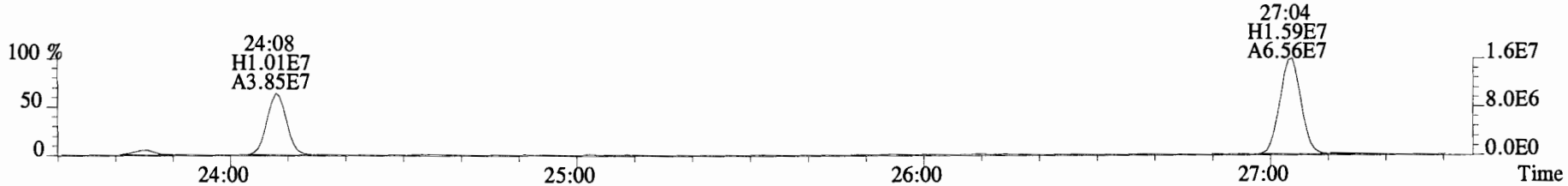
File:180110E1 #1-757 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4608.0,0.00%,F,F)



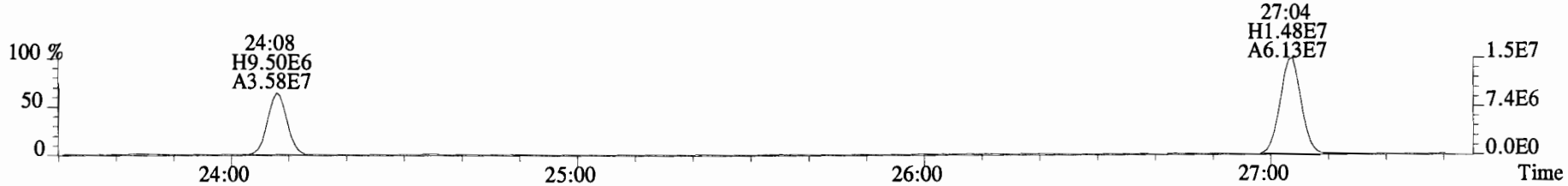
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2680.0,0.00%,F,F)



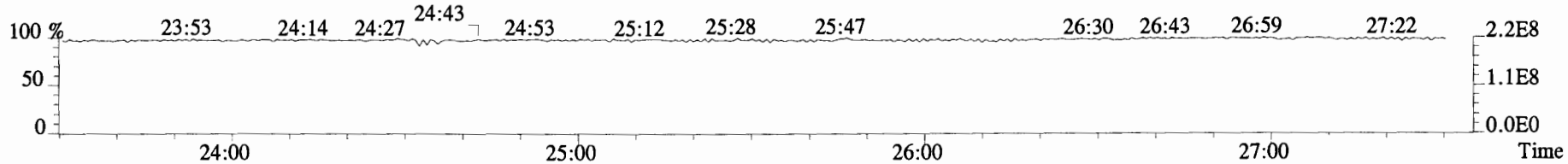
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,136868.0,0.00%,F,F)



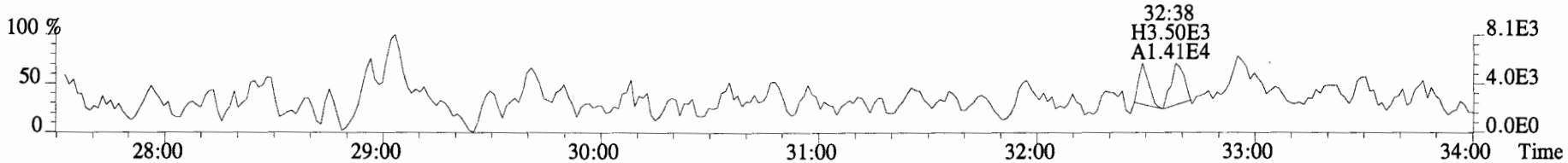
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,125236.0,0.00%,F,F)



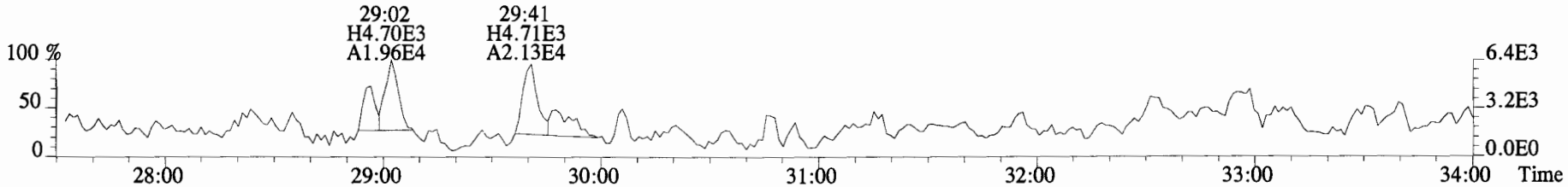
230.9856 S:5 F:2



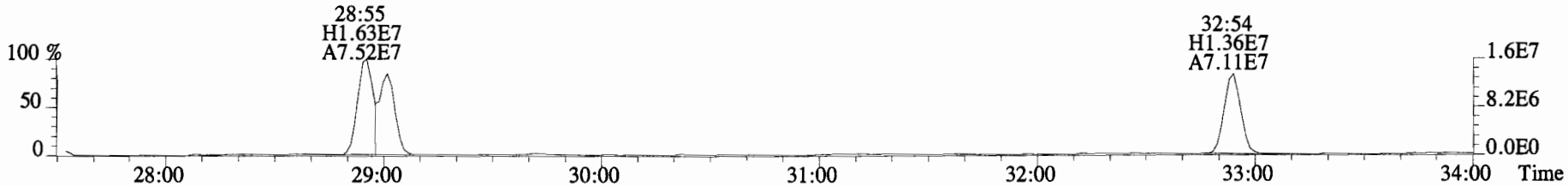
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3620.0,0.00%,F,F)



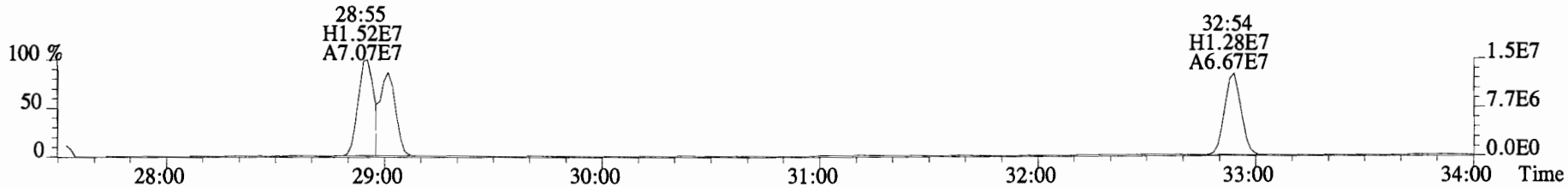
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2628.0,0.00%,F,F)



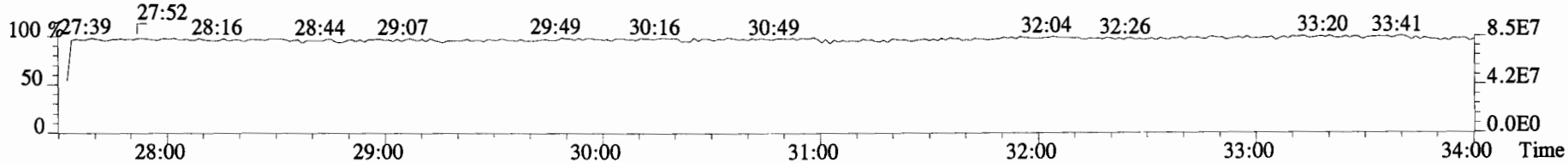
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,231792.0,0.00%,F,F)



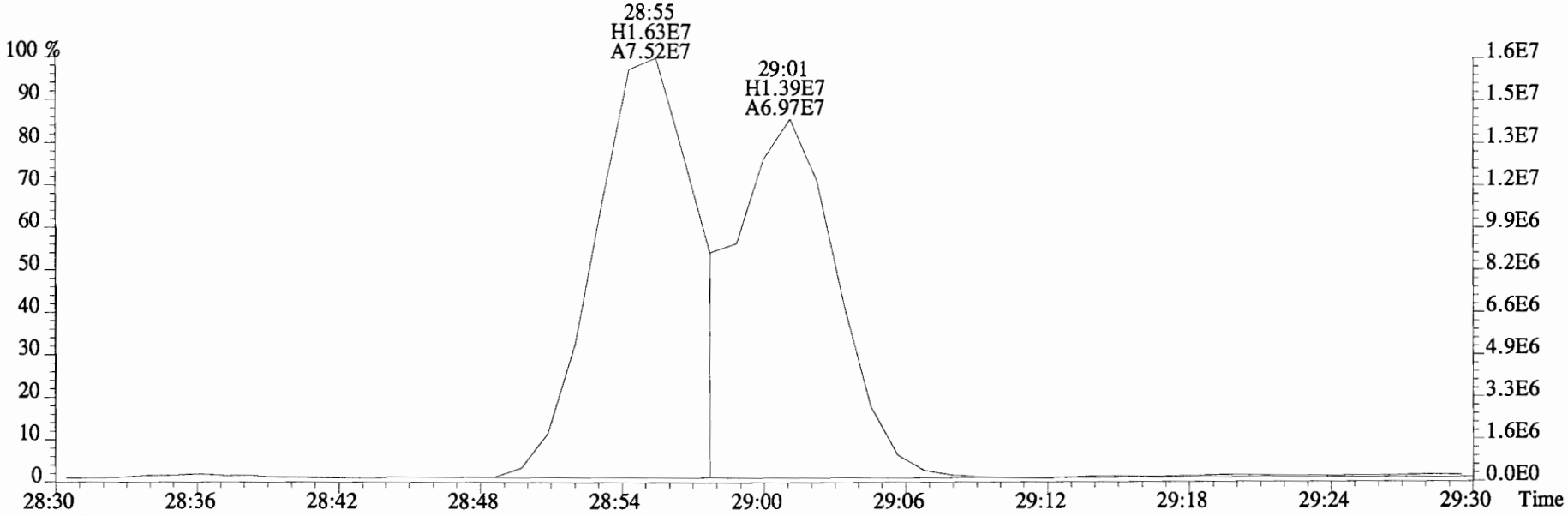
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,167808.0,0.00%,F,F)



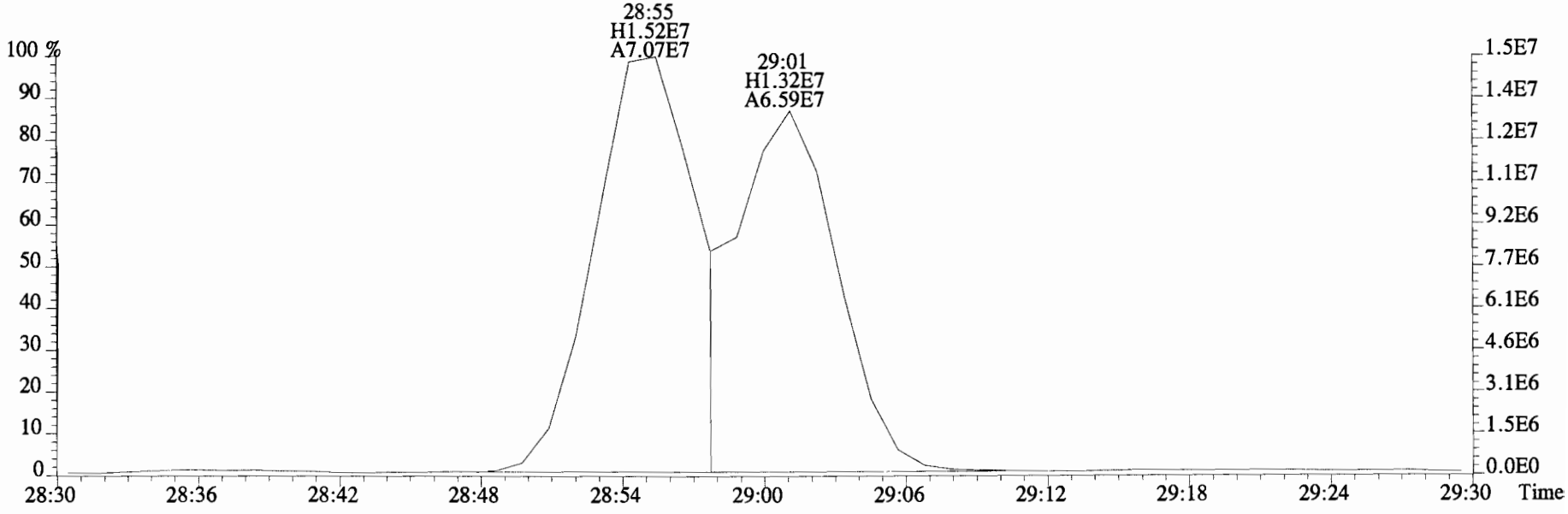
330.9792 S:5 F:3



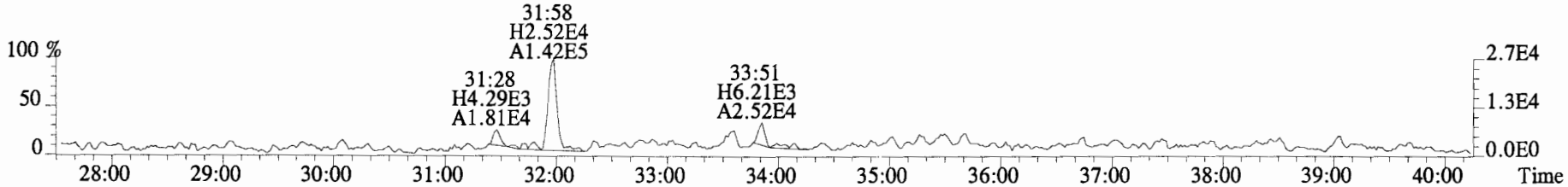
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,231792.0,0.00%,F,F)



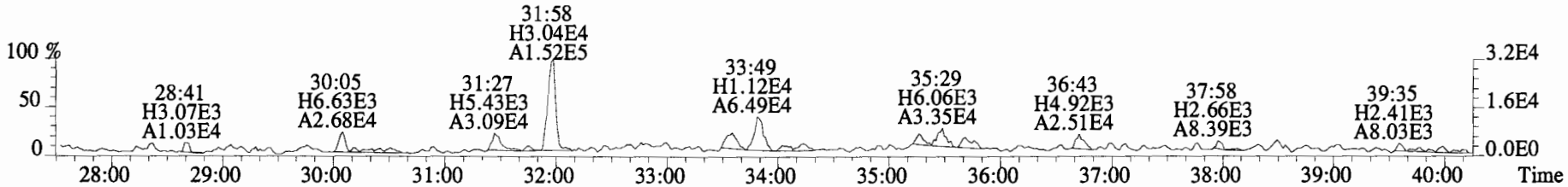
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,167808.0,0.00%,F,F)



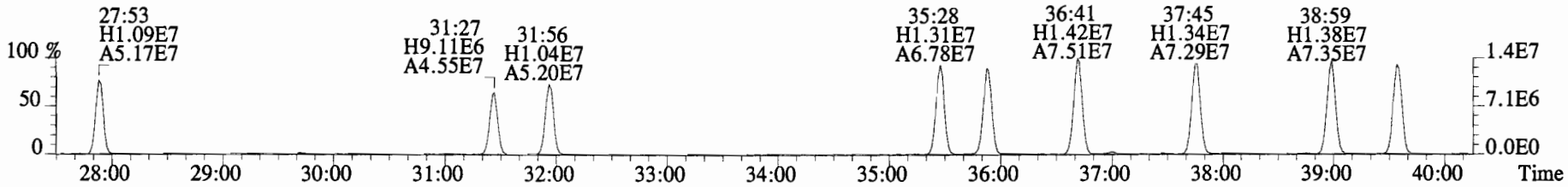
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3212.0,0.00%,F,F)



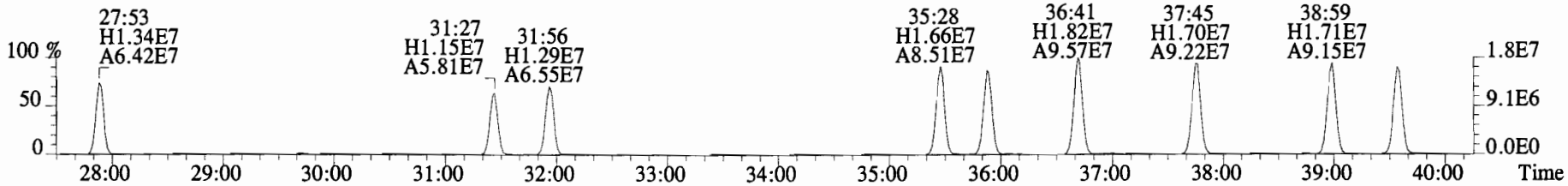
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



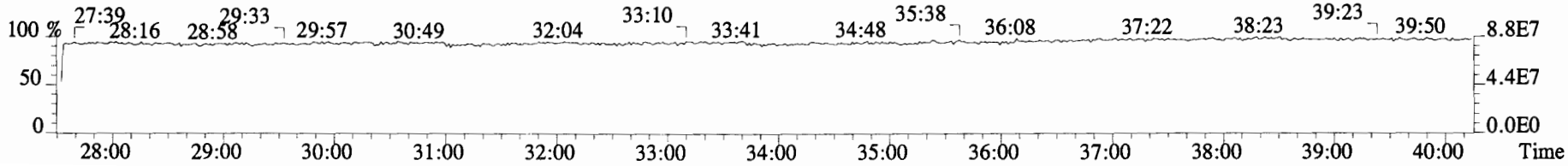
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57048.0,0.00%,F,F)



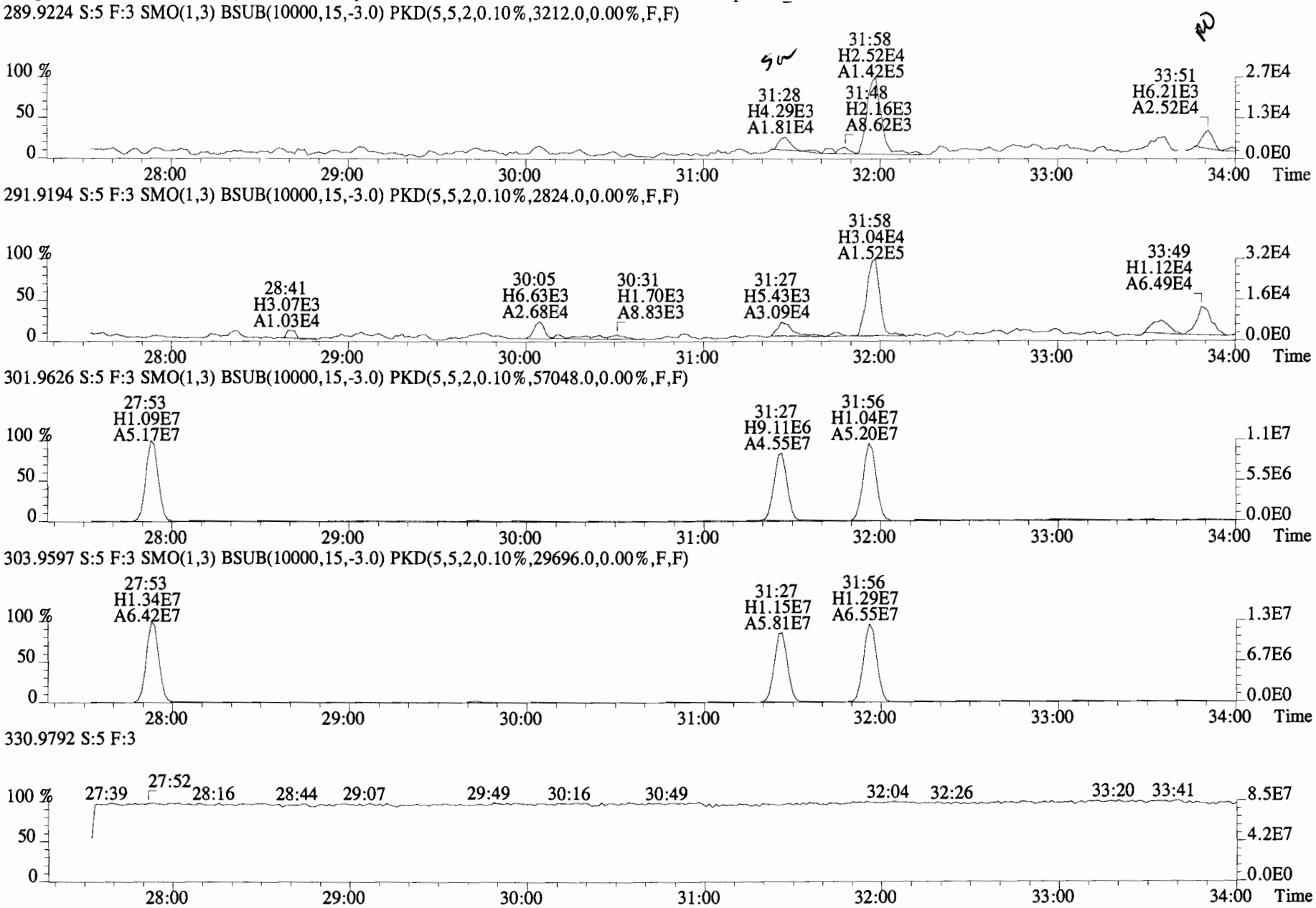
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29696.0,0.00%,F,F)



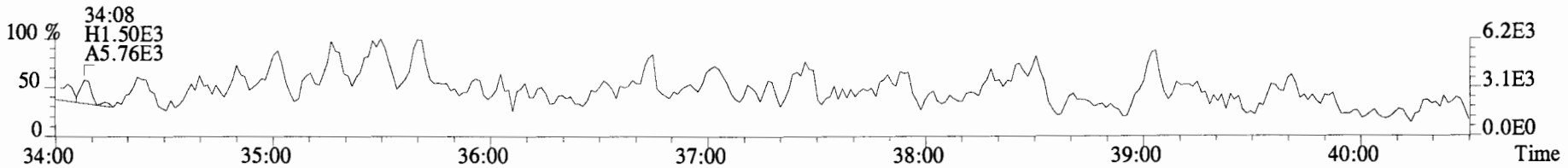
330.9792 S:5 F:3



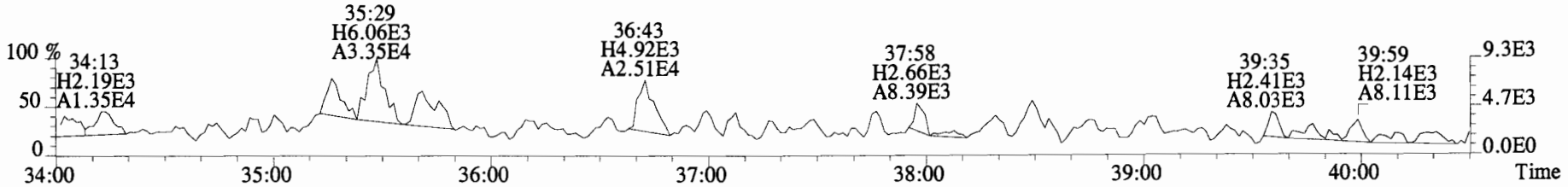
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1



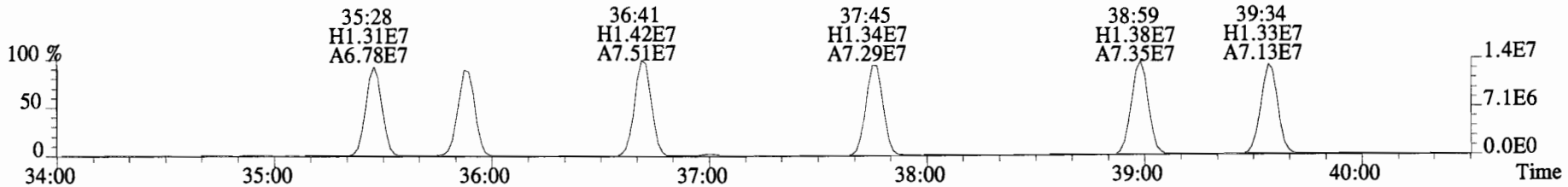
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3212.0,0.00%,F,F)



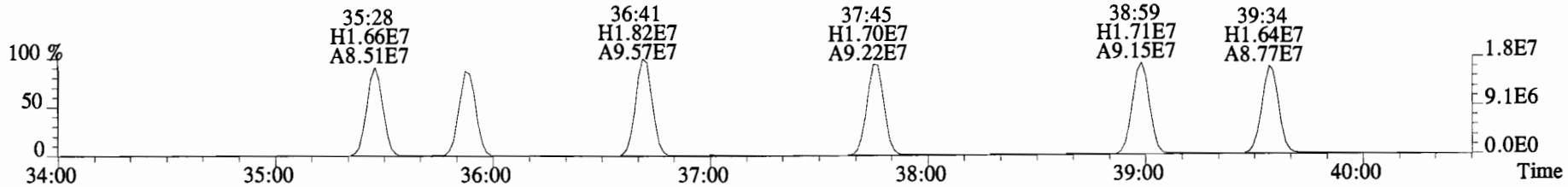
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



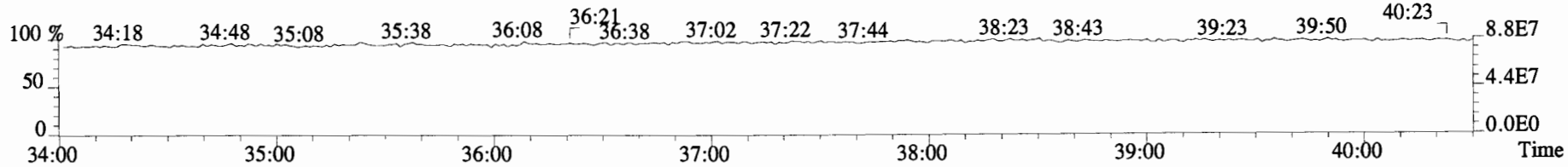
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57048.0,0.00%,F,F)



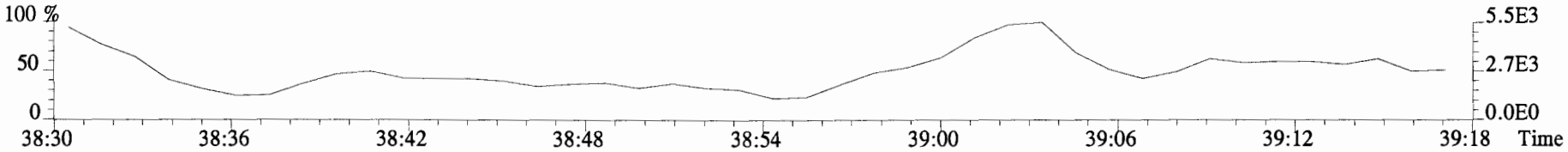
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29696.0,0.00%,F,F)



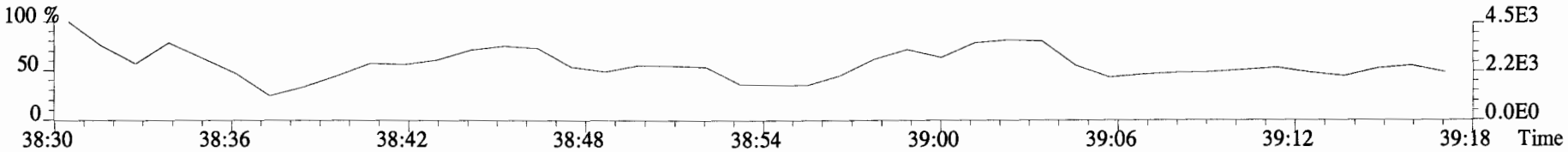
330.9792 S:5 F:3



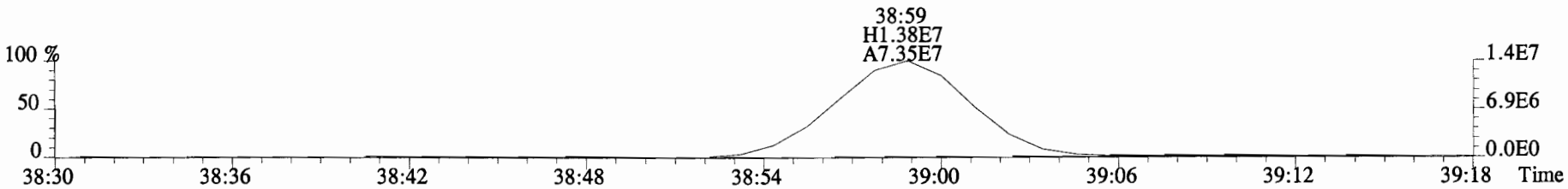
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3212.0,0.00%,F,F)



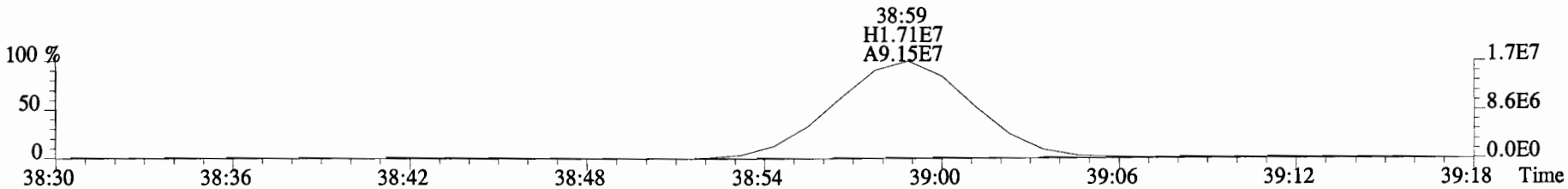
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



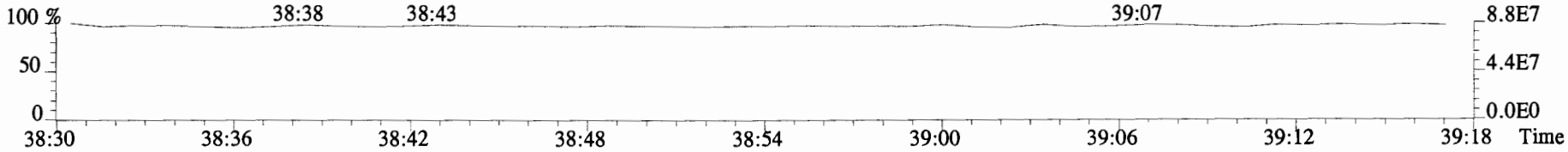
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57048.0,0.00%,F,F)



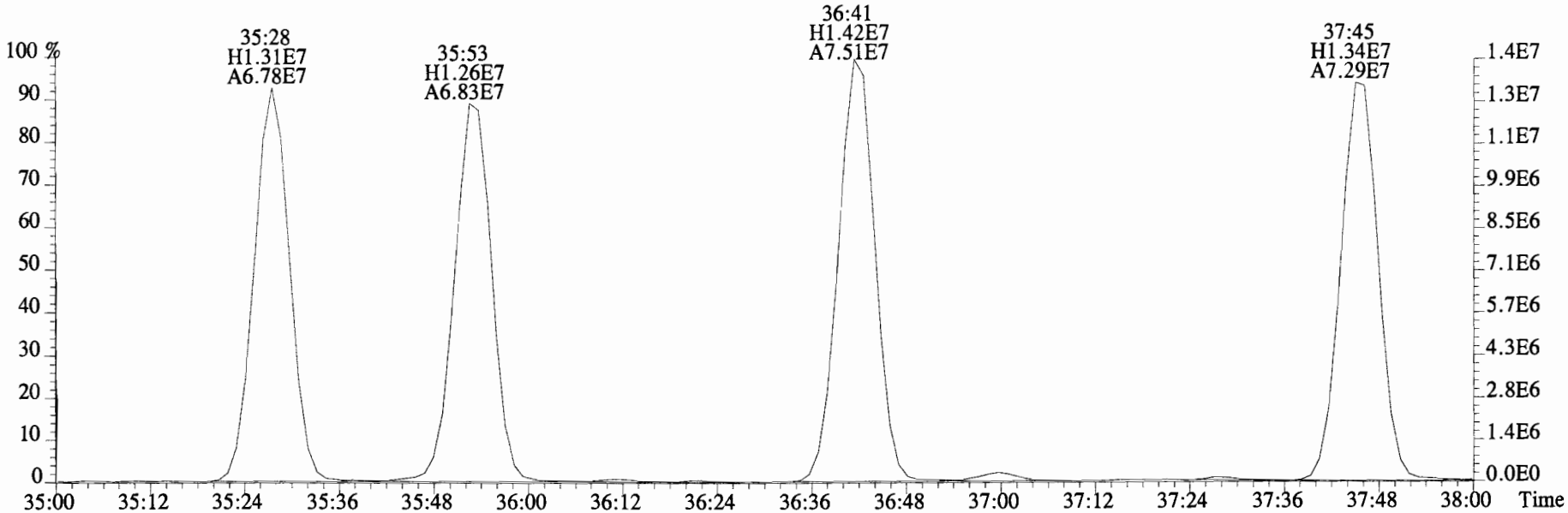
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29696.0,0.00%,F,F)



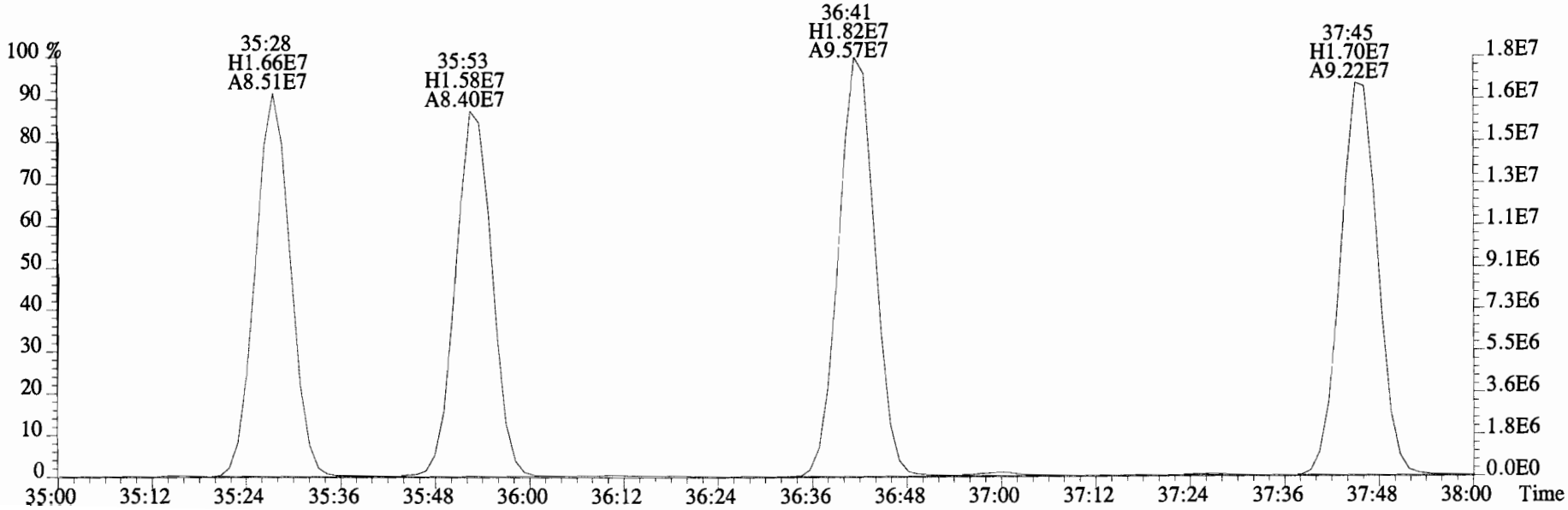
330.9792 S:5 F:3



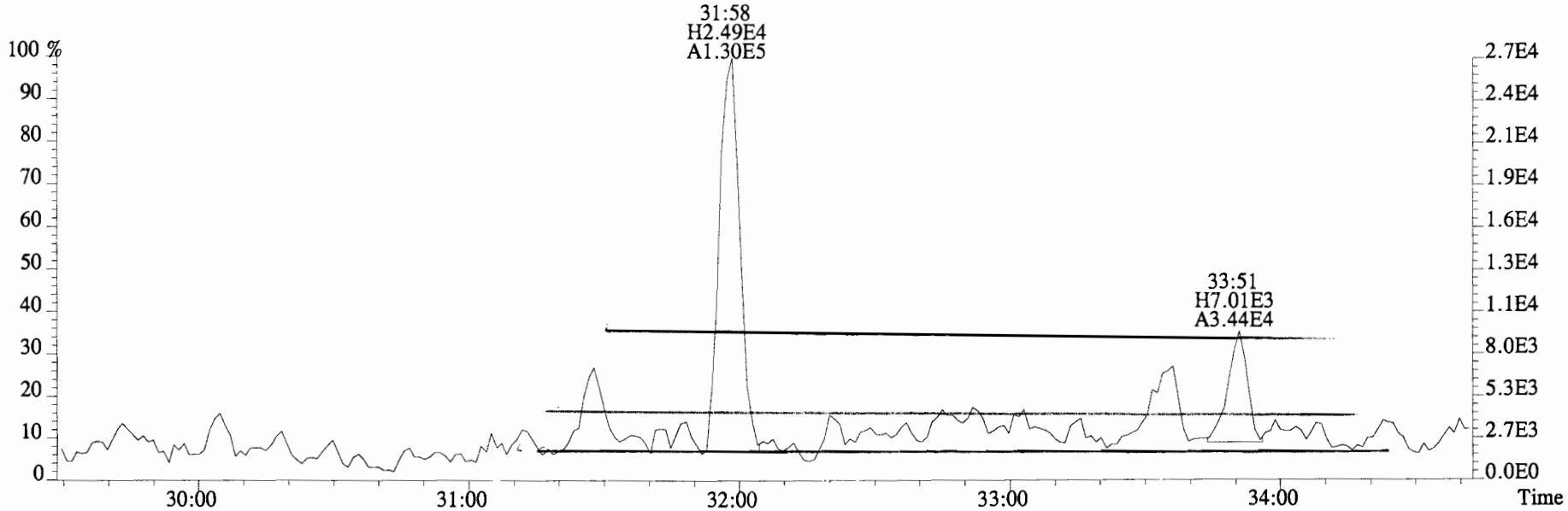
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,57048.0,0.00%,F,F)



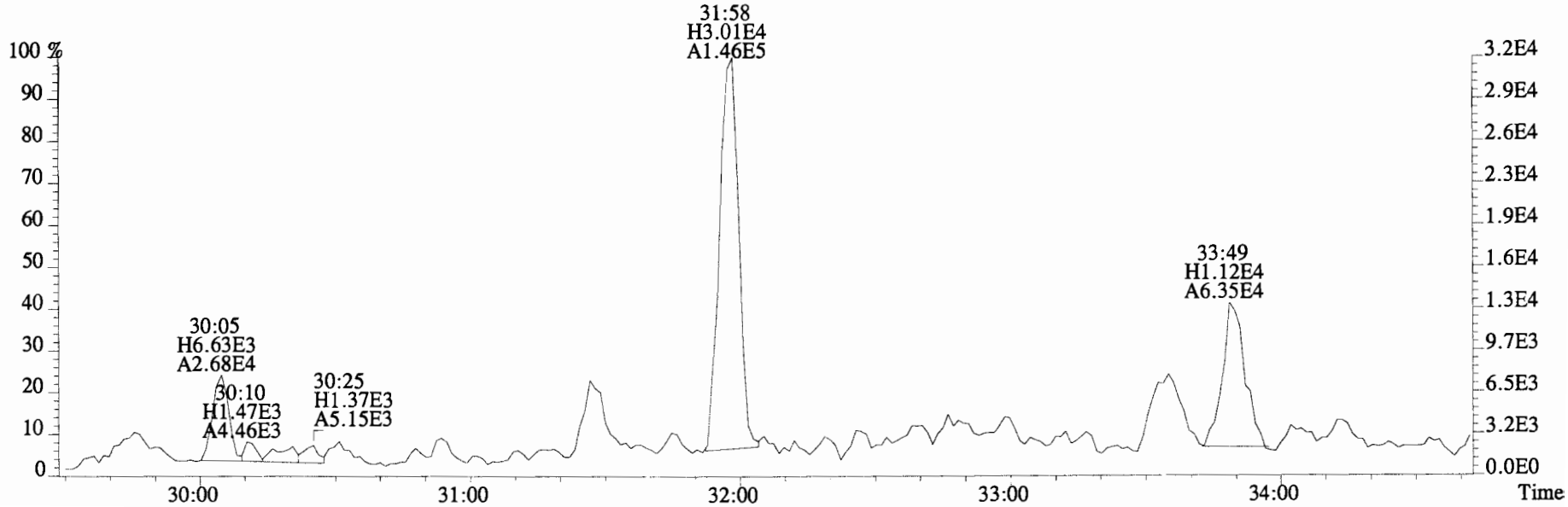
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29696.0,0.00%,F,F)



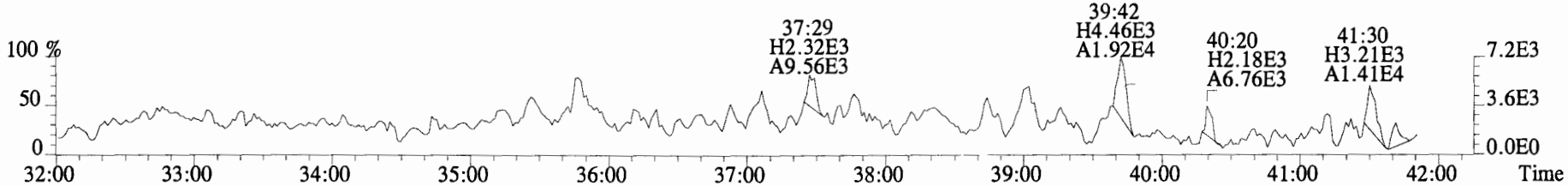
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3212.0,0.00%,F,F)



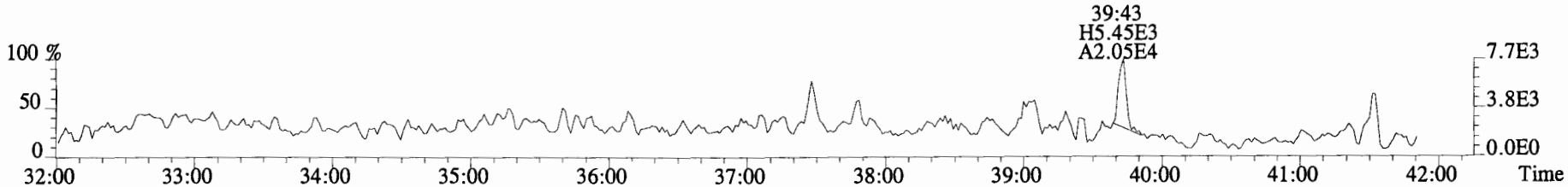
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2824.0,0.00%,F,F)



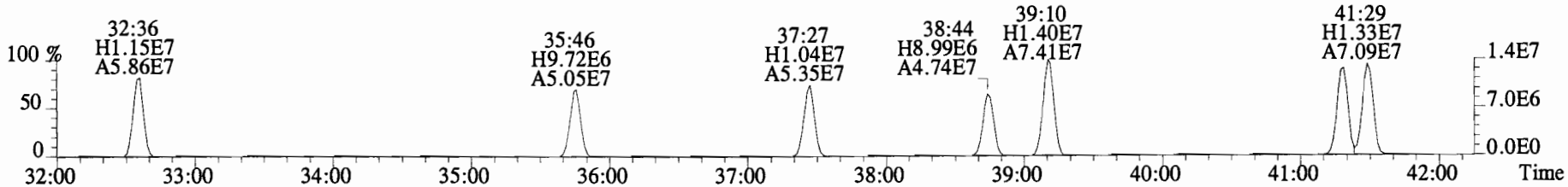
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



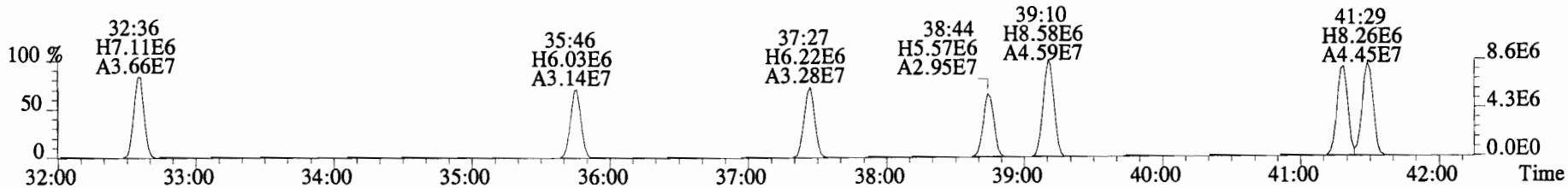
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2764.0,0.00%,F,F)



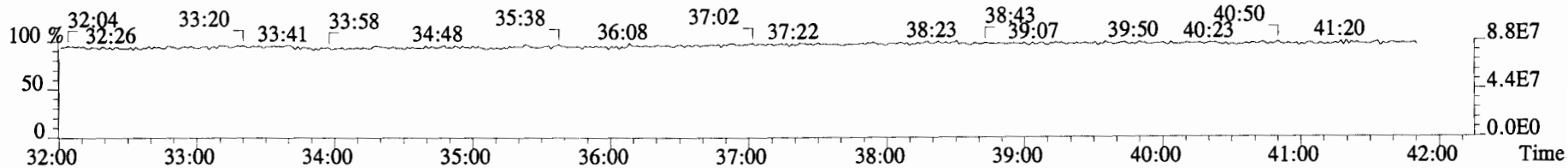
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4956.0,0.00%,F,F)



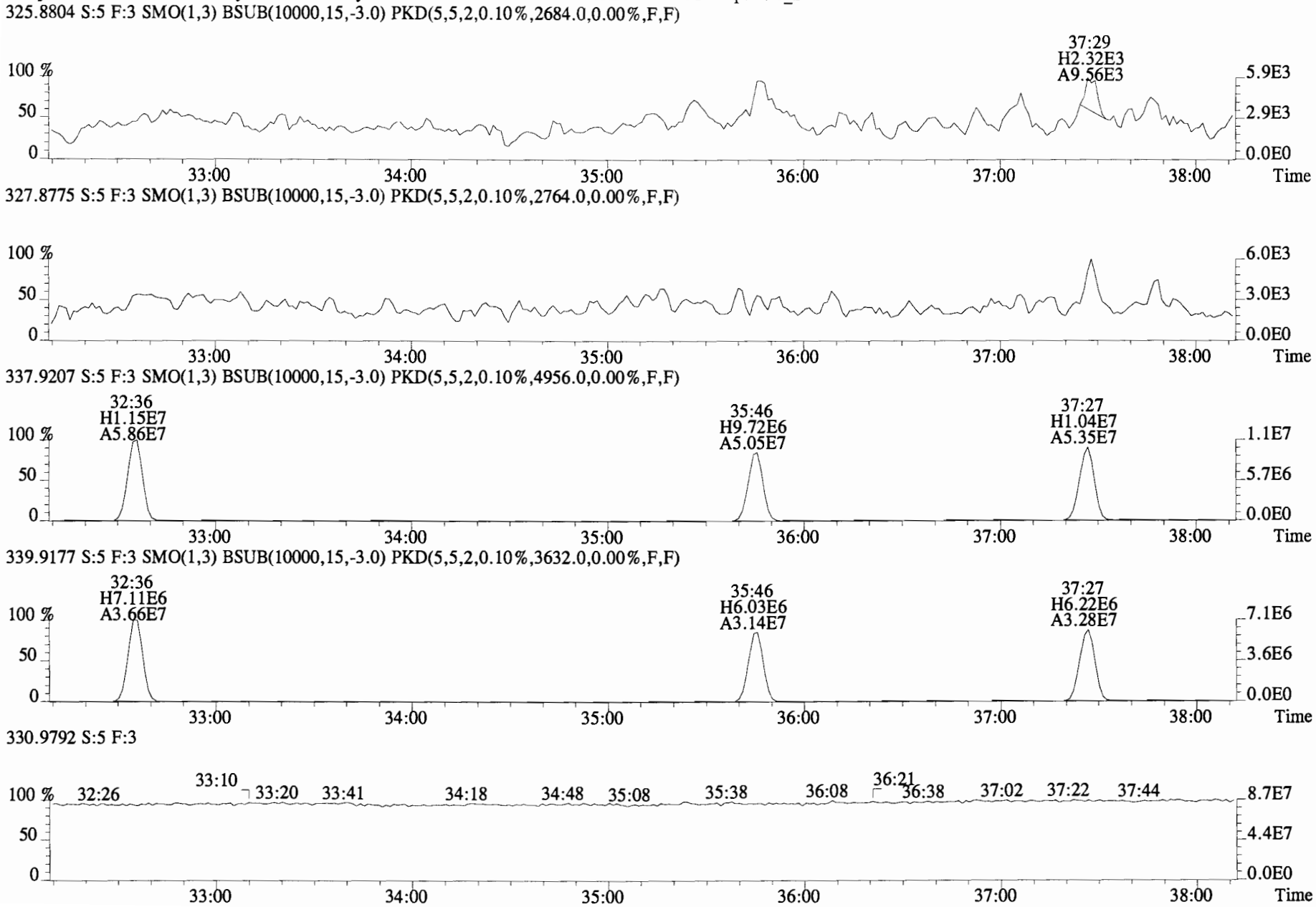
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3632.0,0.00%,F,F)



330.9792 S:5 F:3

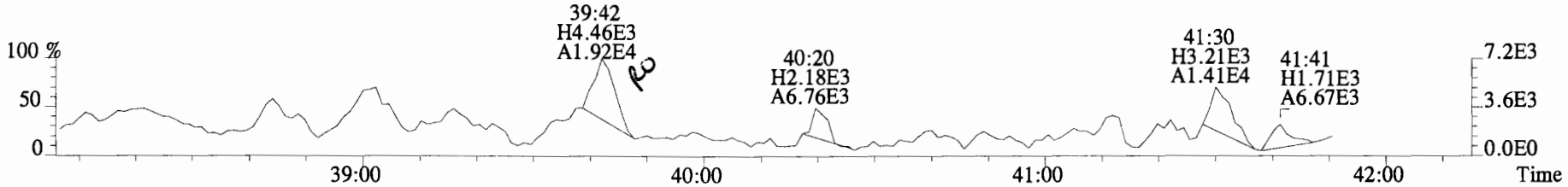


File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1

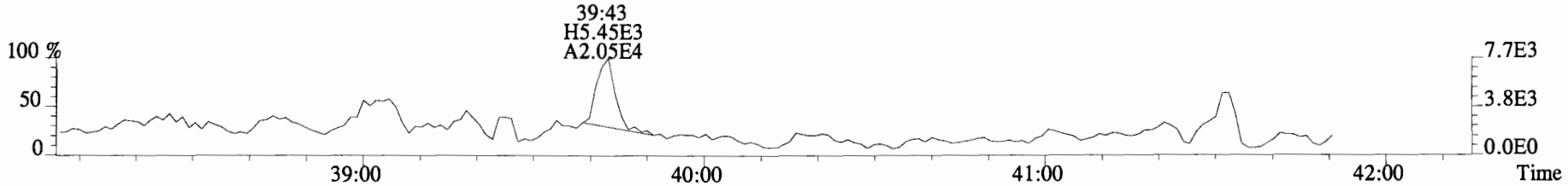


File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1

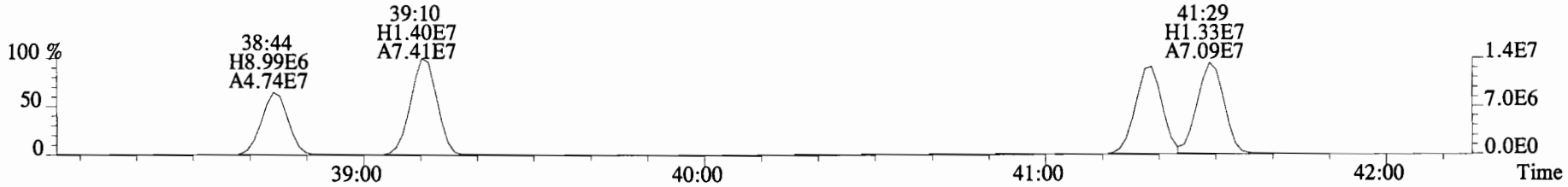
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



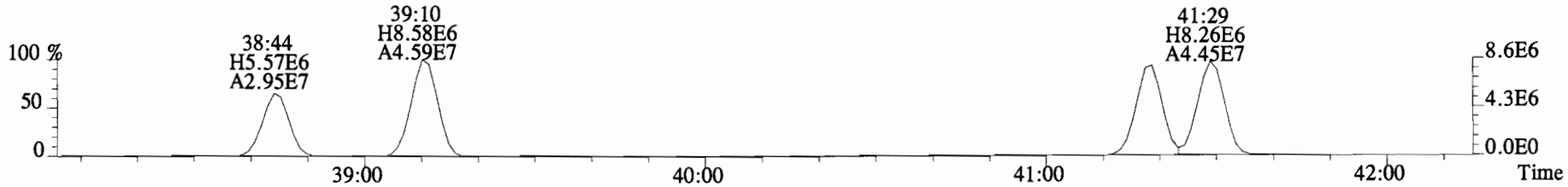
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2764.0,0.00%,F,F)



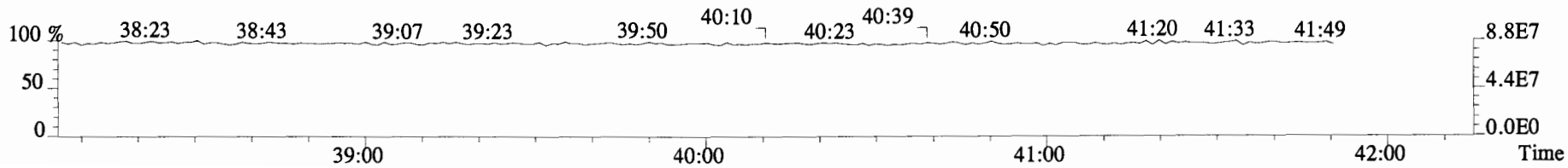
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4956.0,0.00%,F,F)



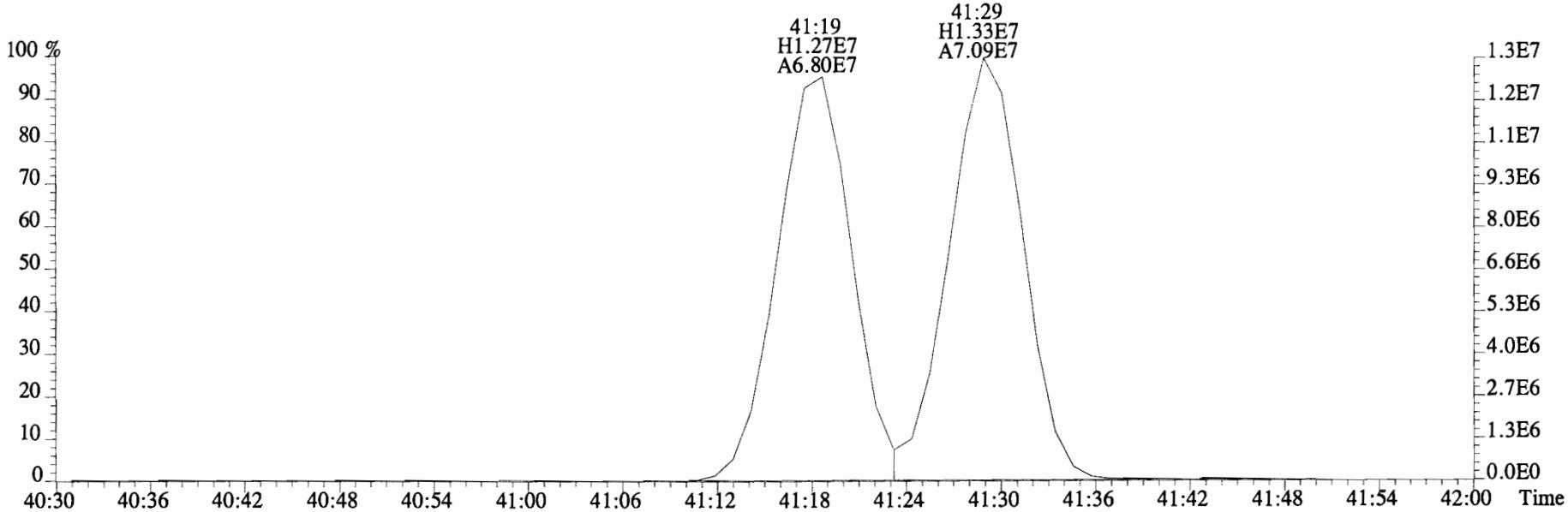
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3632.0,0.00%,F,F)



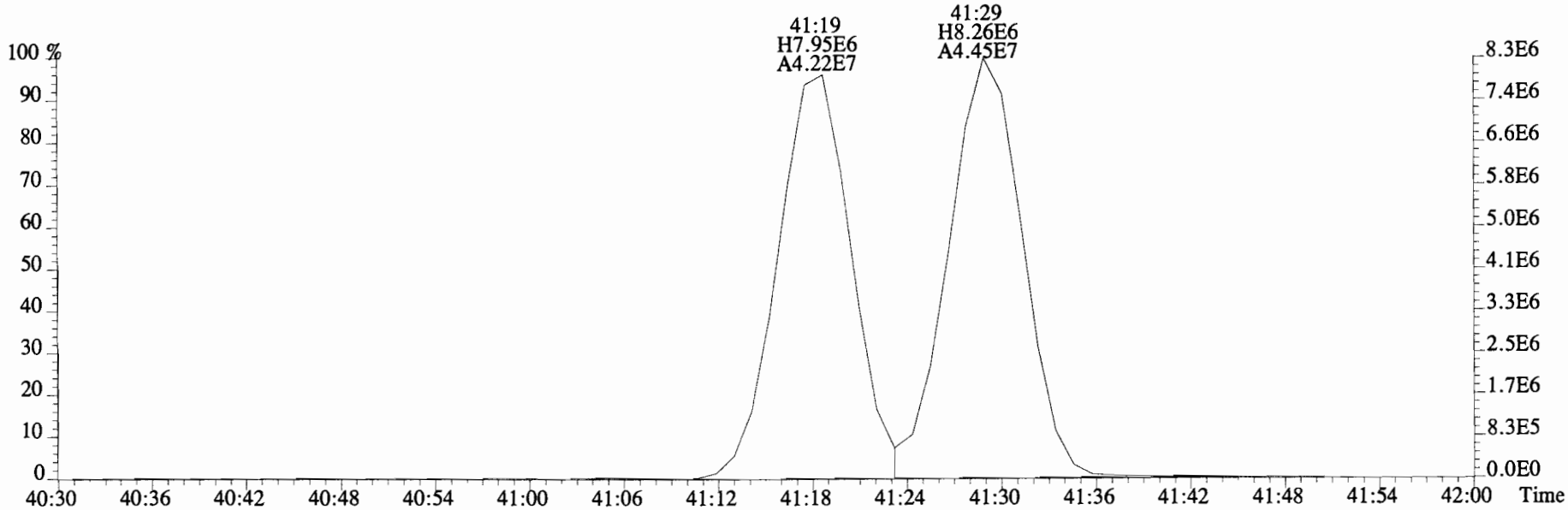
330.9792 S:5 F:3



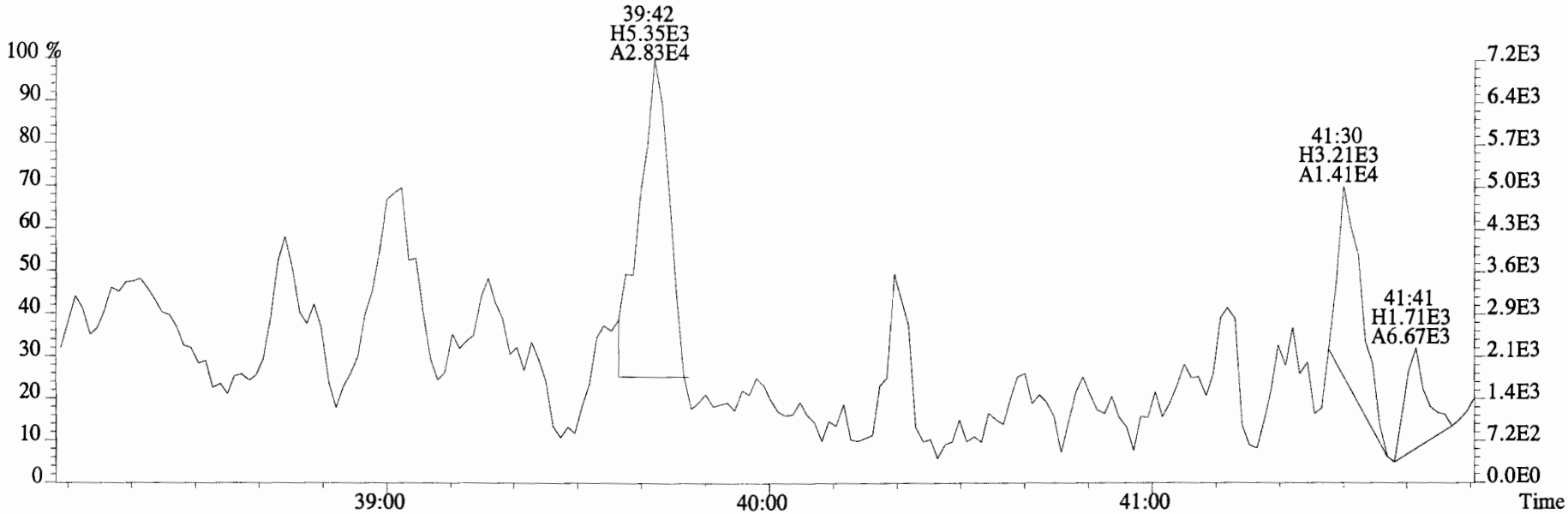
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4956.0,0.00%,F,F)



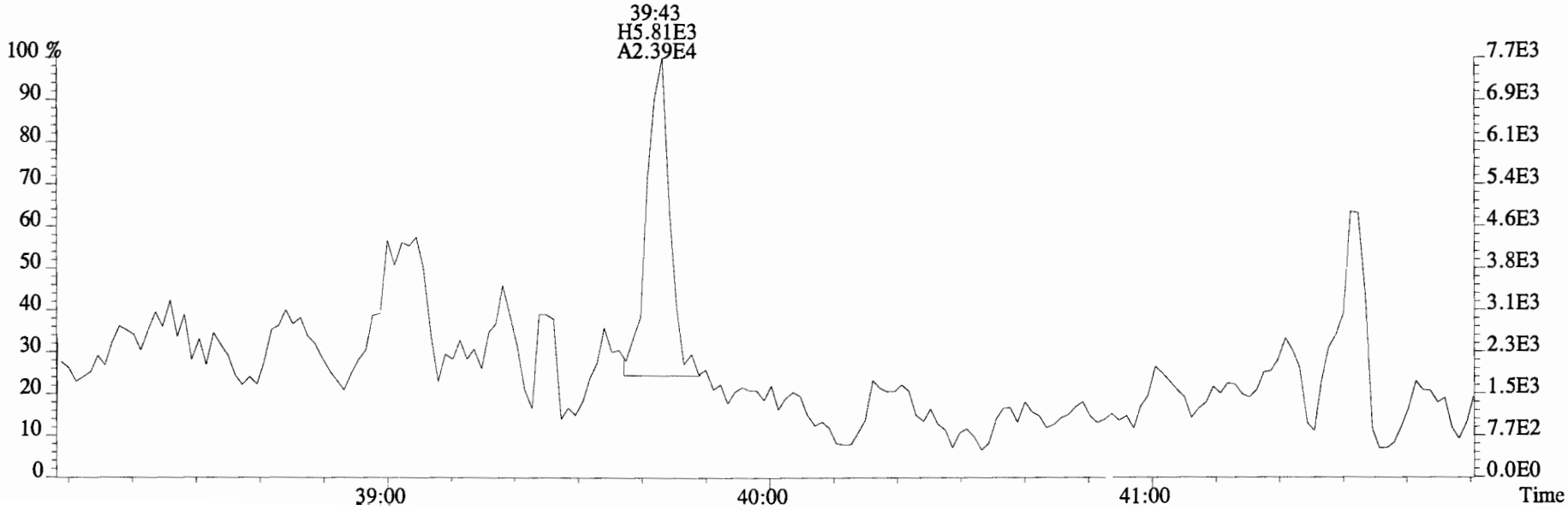
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3632.0,0.00%,F,F)



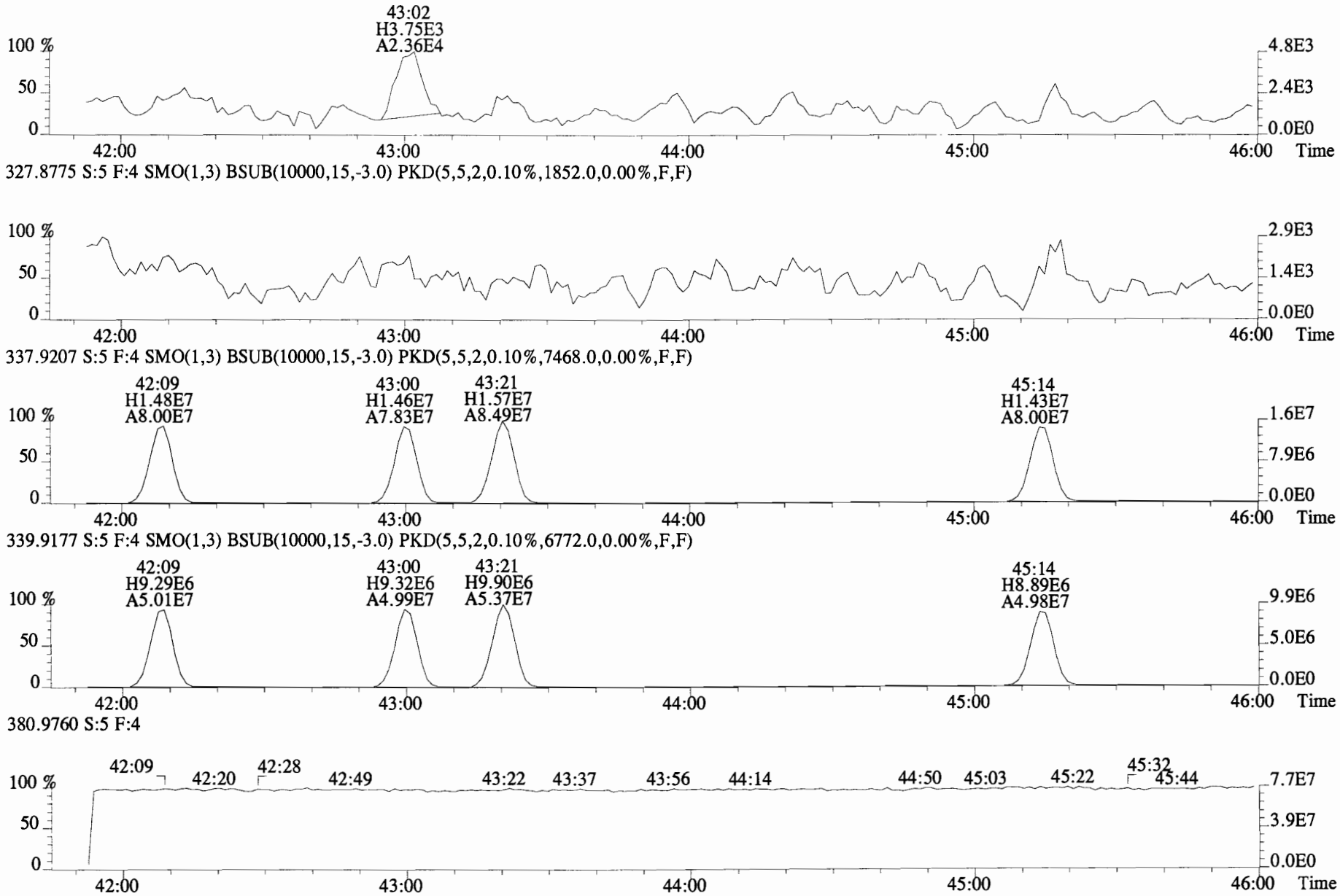
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



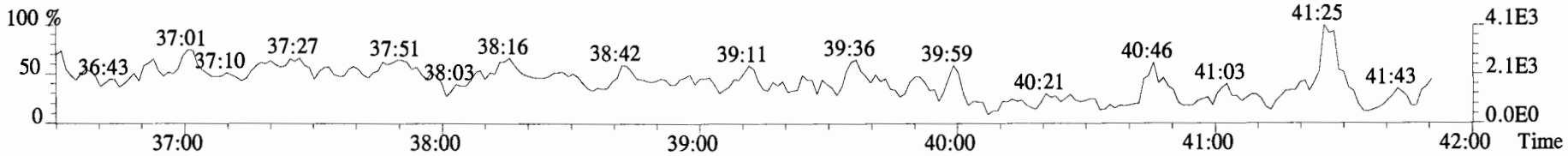
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2764.0,0.00%,F,F)



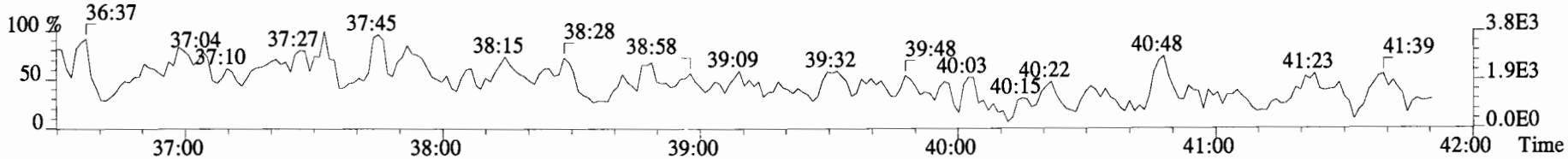
File:180110E1 #1-566 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1



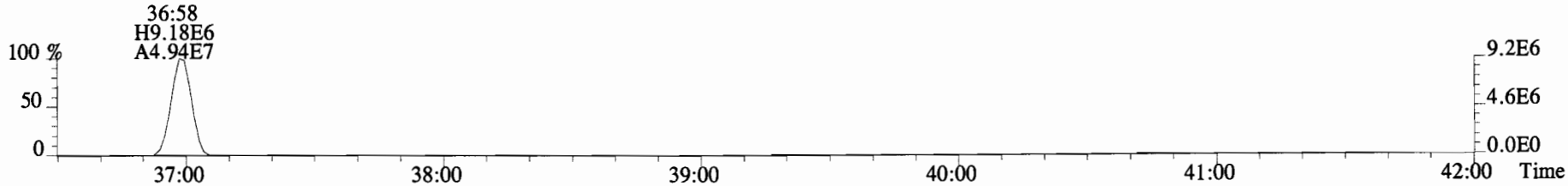
File:180110E1 #1-756 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2384.0,0.00%,F,F)



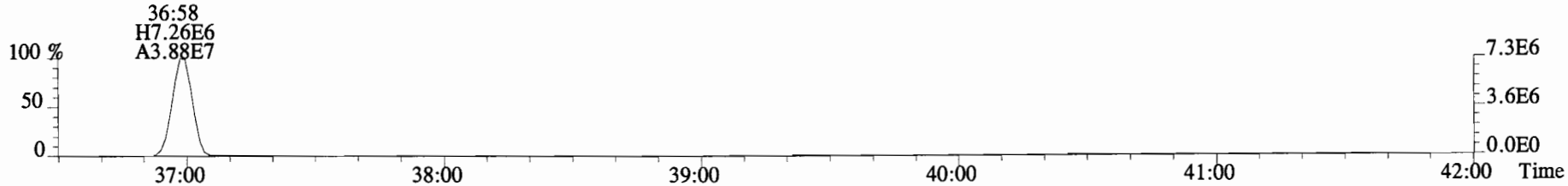
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2352.0,0.00%,F,F)



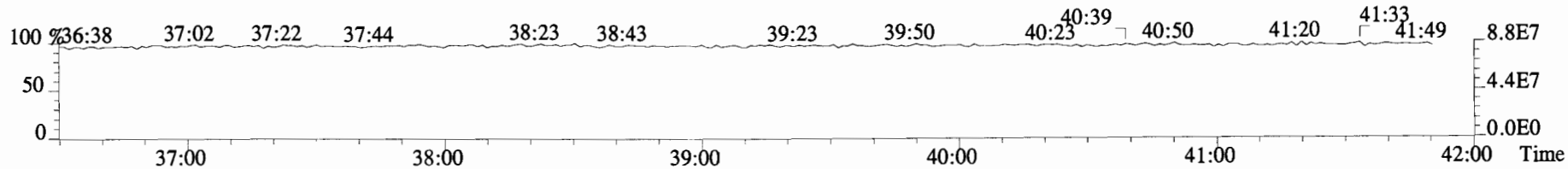
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2364.0,0.00%,F,F)



373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2972.0,0.00%,F,F)

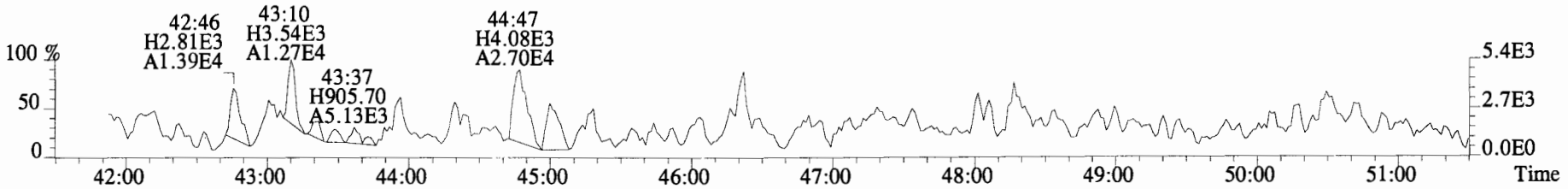


330.9792 S:5 F:3

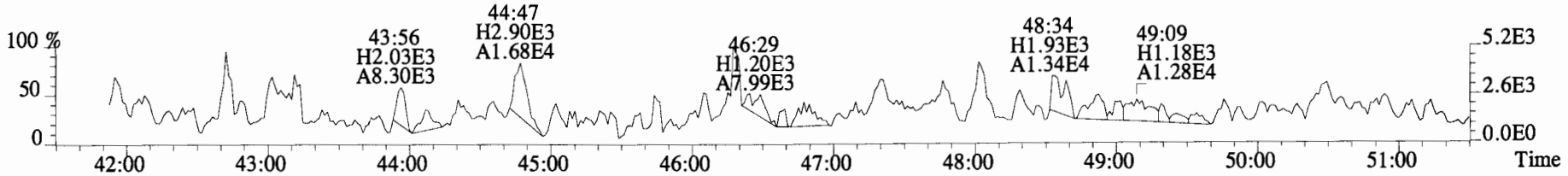


File:180110E1 #1-566 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1

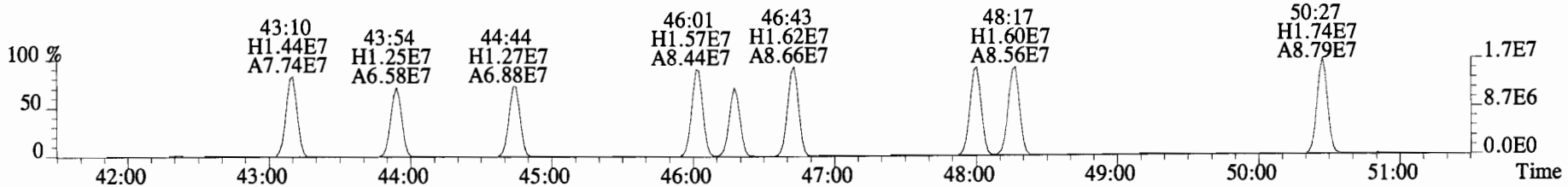
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



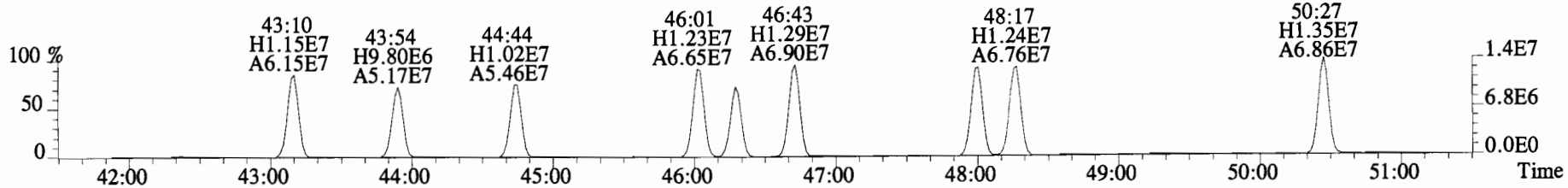
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2120.0,0.00%,F,F)



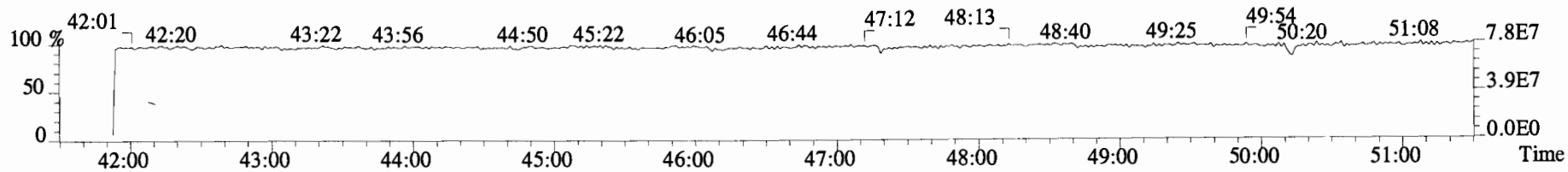
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13976.0,0.00%,F,F)



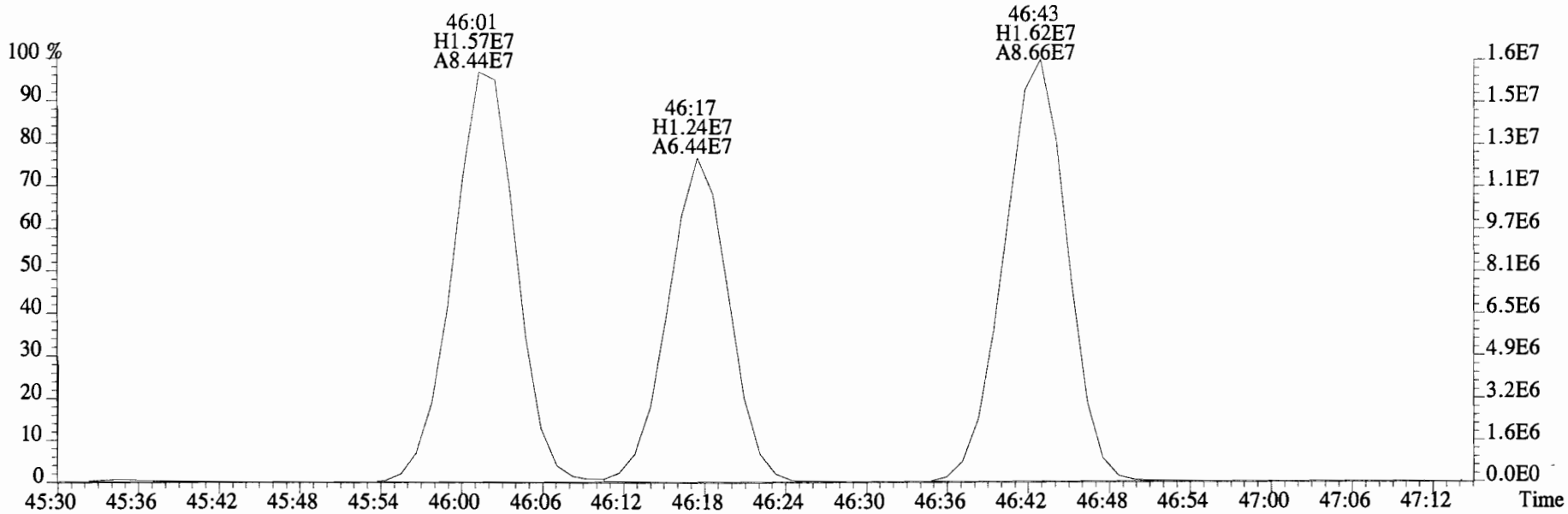
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11224.0,0.00%,F,F)



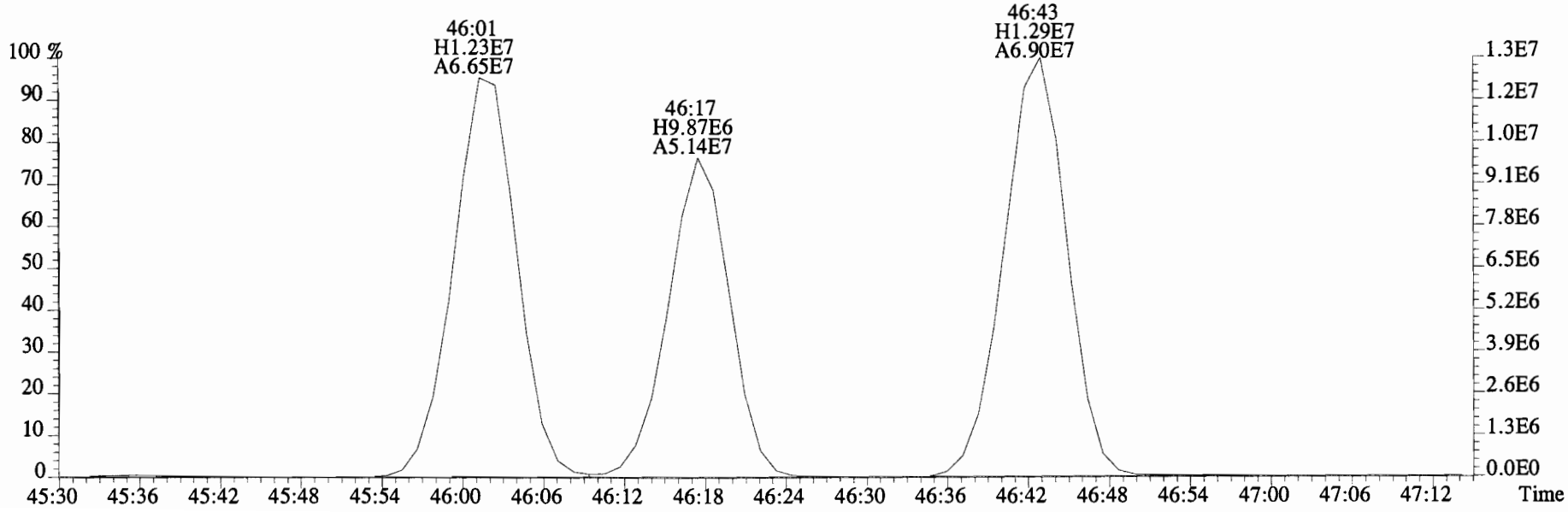
380.9760 S:5 F:4



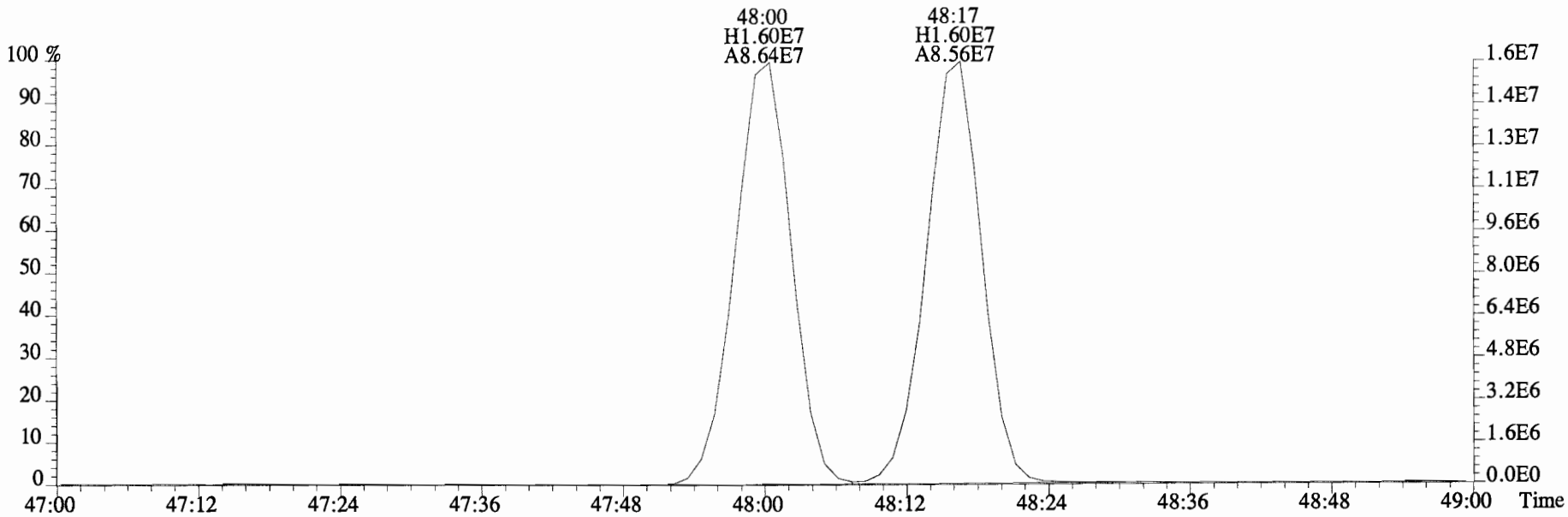
File:180110E1 #1-566 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13976.0,0.00%,F,F)



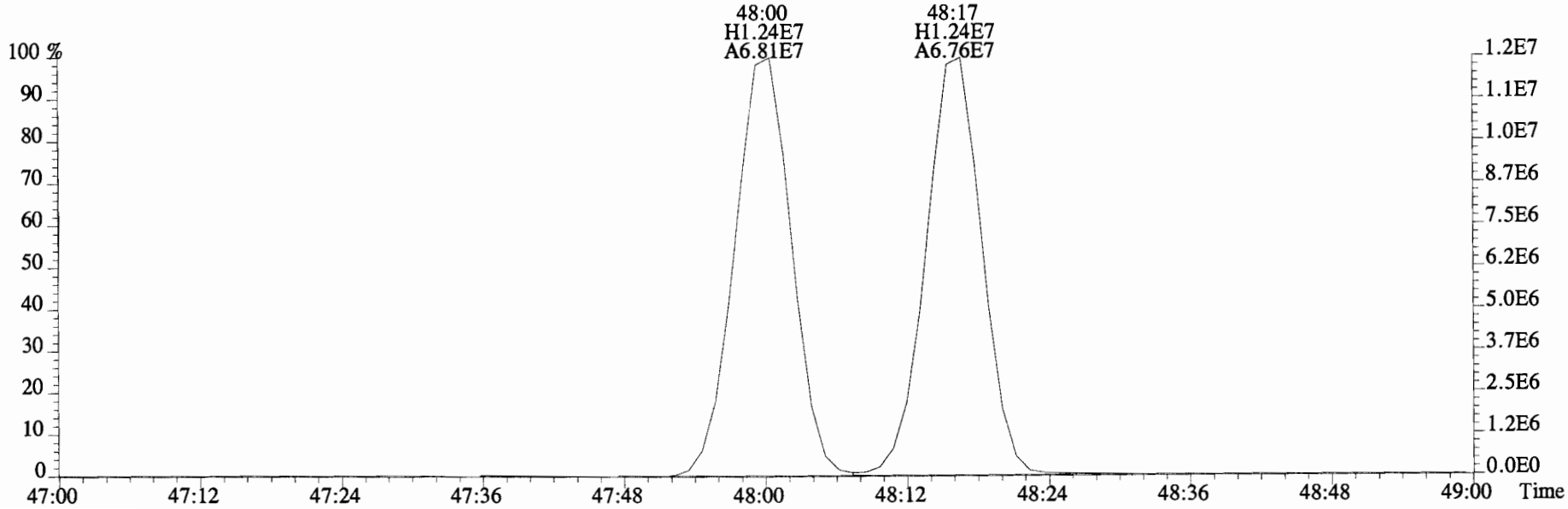
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11224.0,0.00%,F,F)



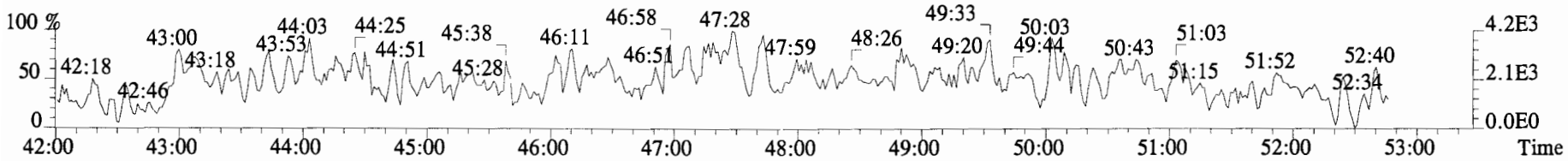
File:180110E1 #1-566 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13976.0,0.00%,F,F)



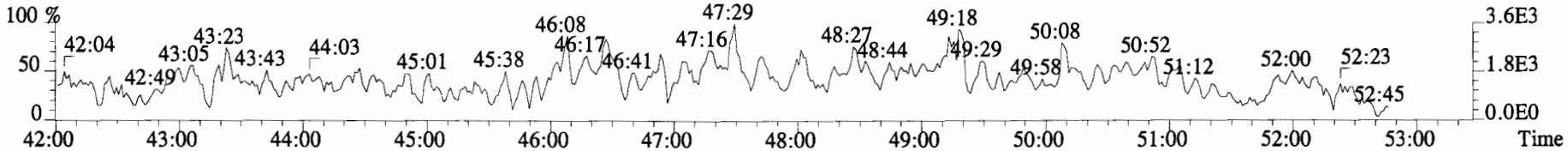
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11224.0,0.00%,F,F)



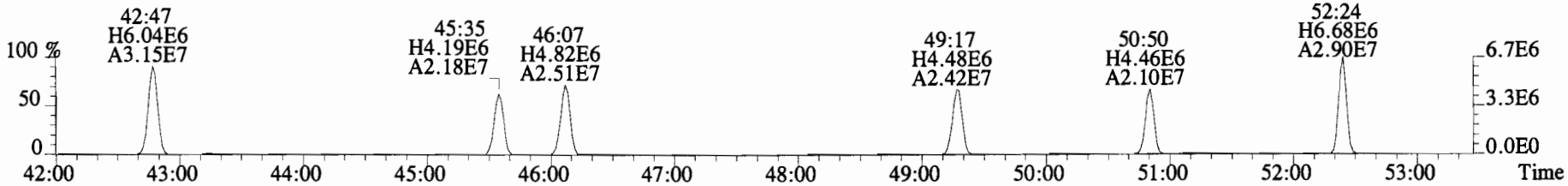
File:180110E1 #1-566 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



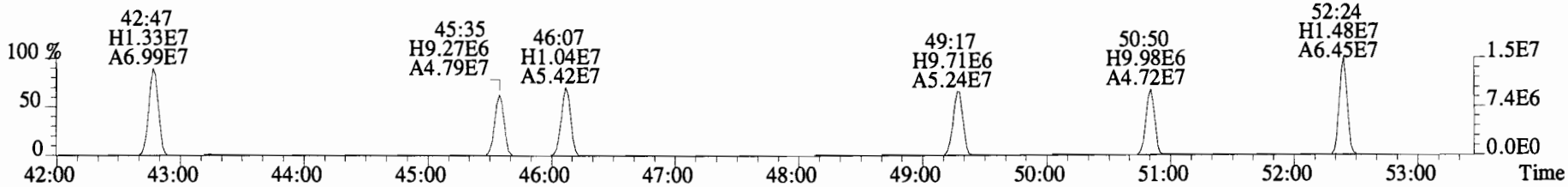
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1904.0,0.00%,F,F)



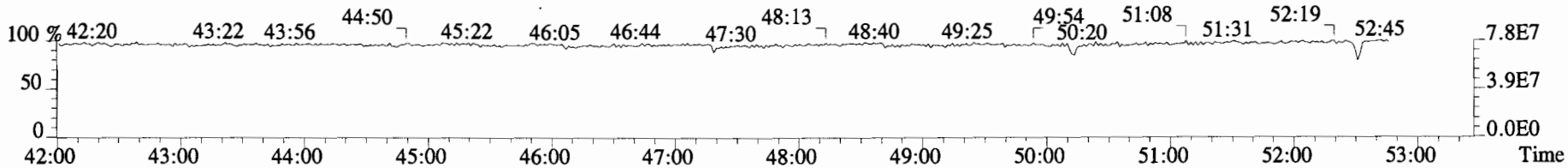
403.8457 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3912.0,0.00%,F,F)



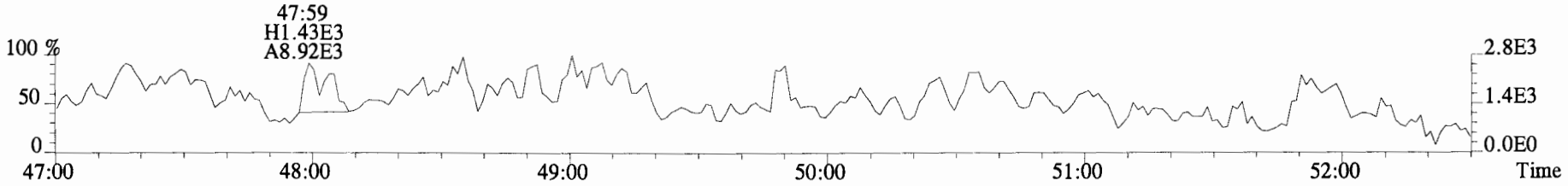
405.8428 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7800.0,0.00%,F,F)



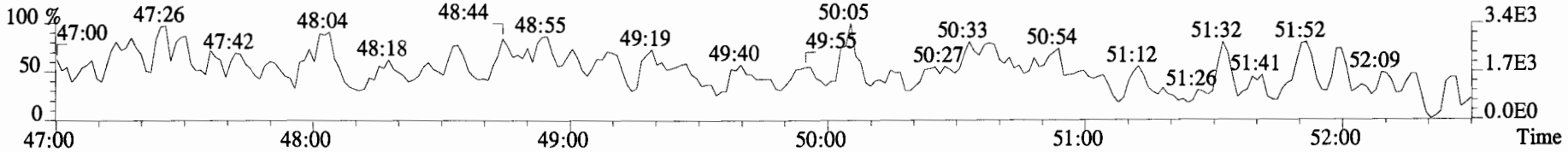
380.9760 S:5 F:4



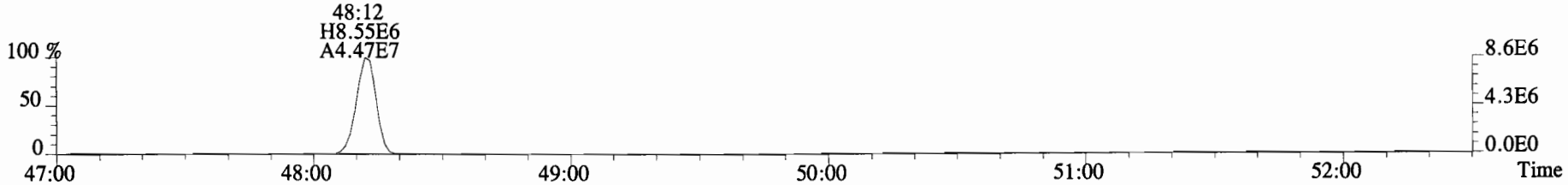
File:180110E1 #1-566 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1752.0,0.00%,F,F)



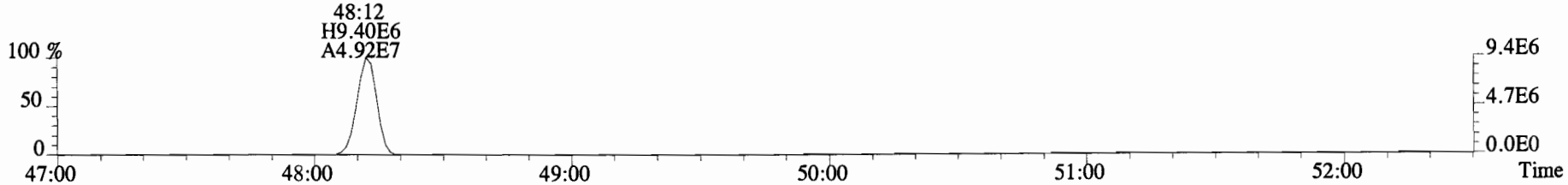
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



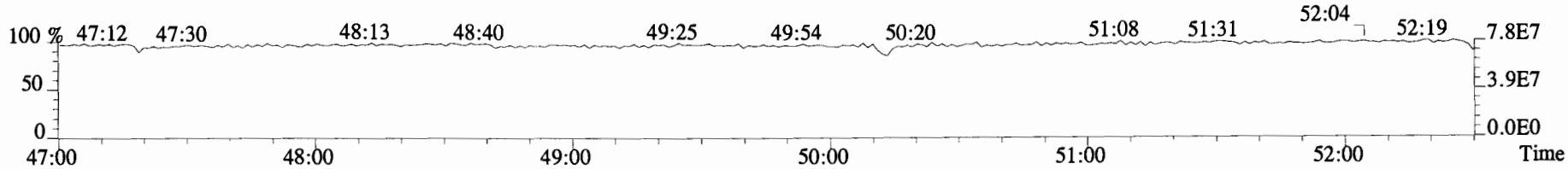
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2044.0,0.00%,F,F)



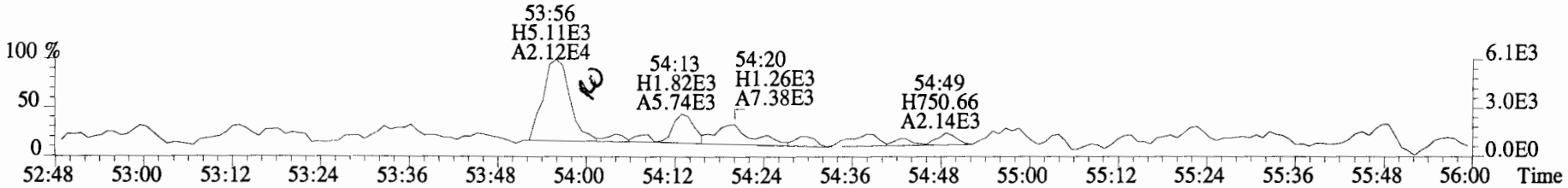
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1820.0,0.00%,F,F)



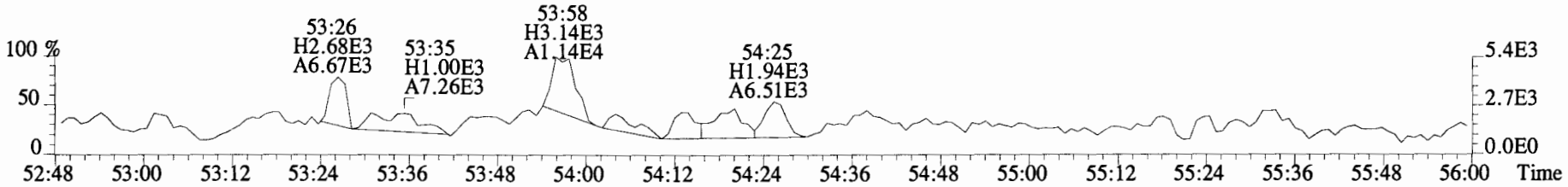
380.9760 S:5 F:4



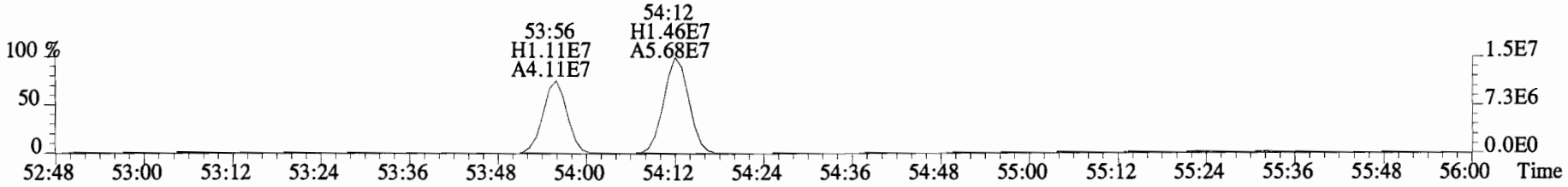
File:180110E1 #1-417 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



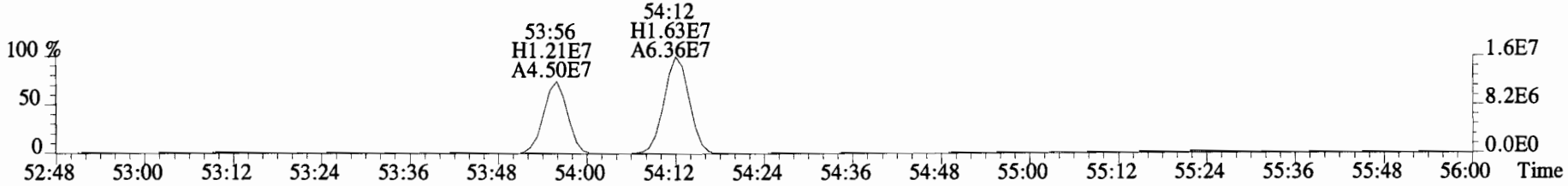
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2100.0,0.00%,F,F)



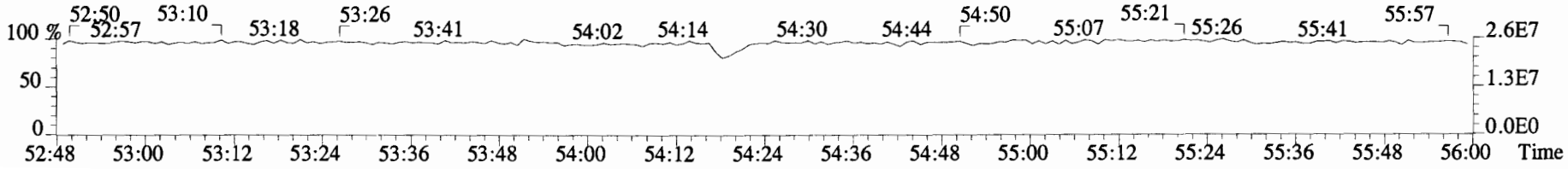
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4216.0,0.00%,F,F)



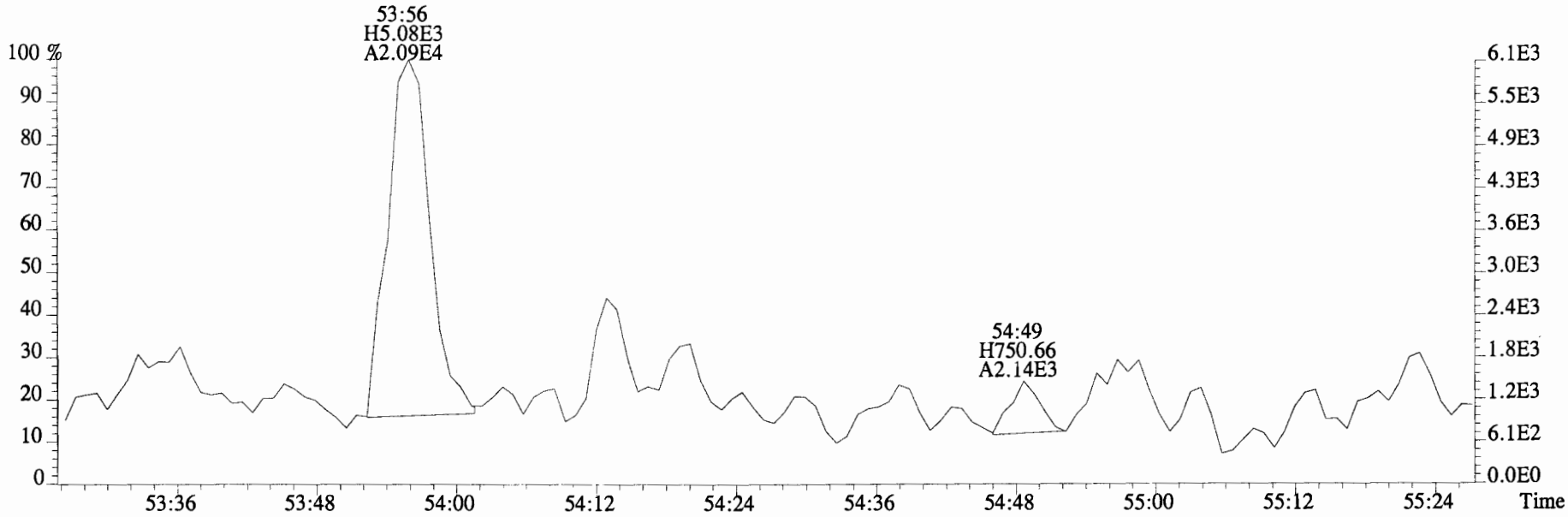
441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4064.0,0.00%,F,F)



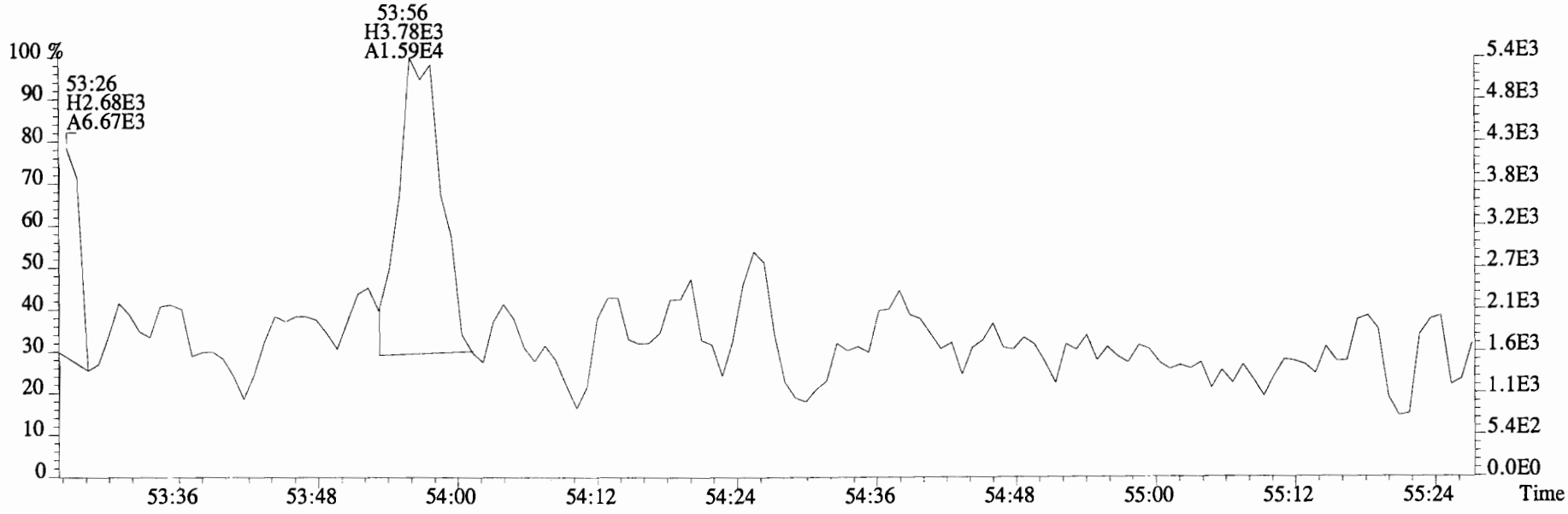
492.9697 S:5 F:5



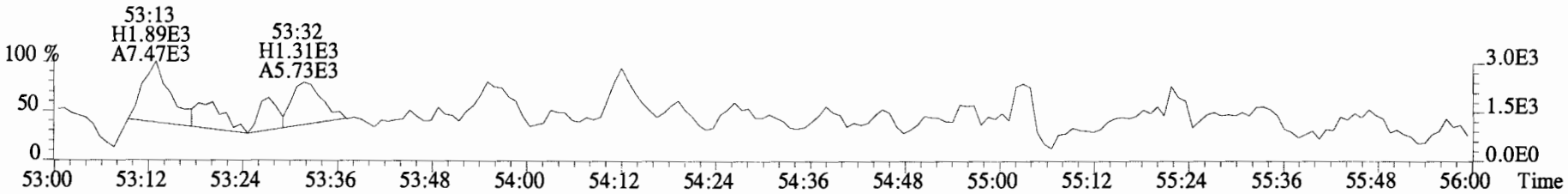
File:180110E1 #1-417 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



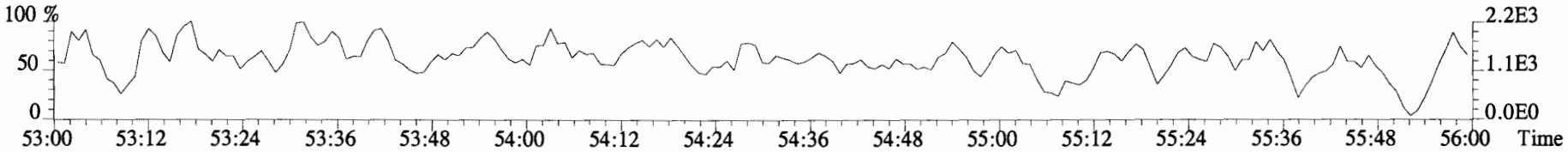
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2100.0,0.00%,F,F)



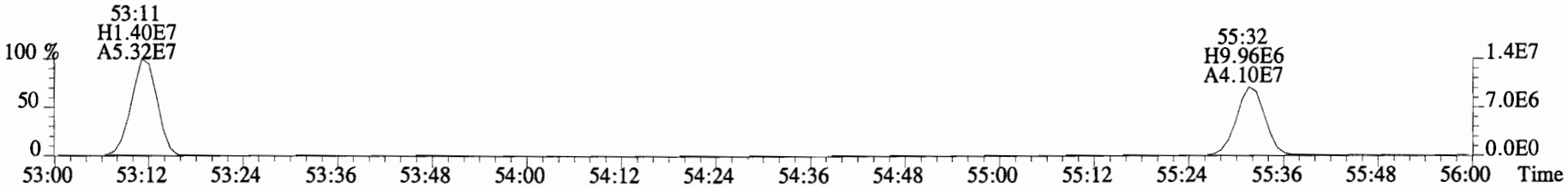
File:180110E1 #1-417 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



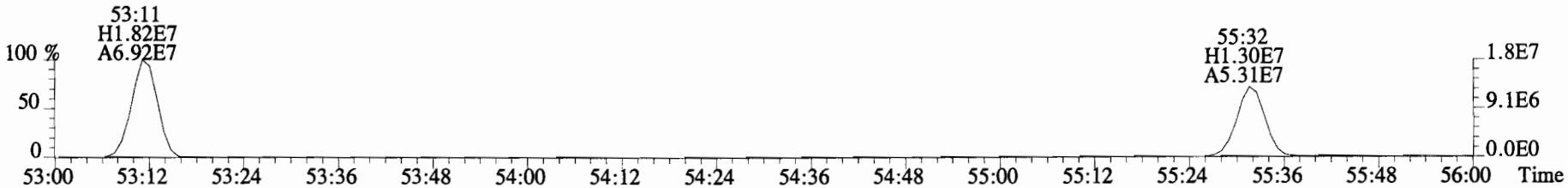
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1800.0,0.00%,F,F)



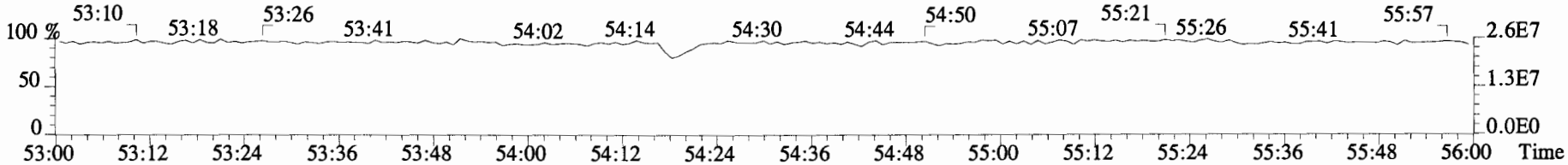
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15744.0,0.00%,F,F)



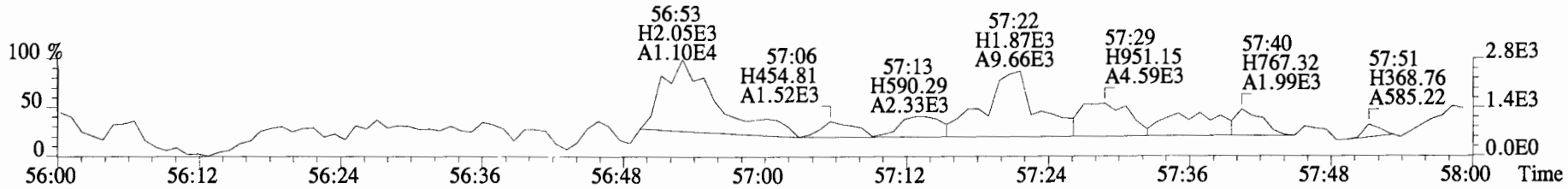
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18744.0,0.00%,F,F)



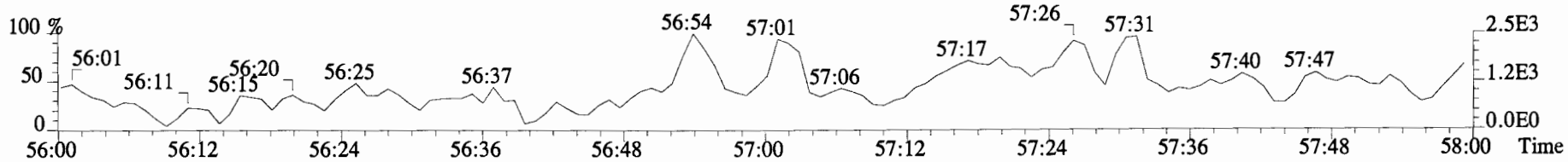
492.9697 S:5 F:5



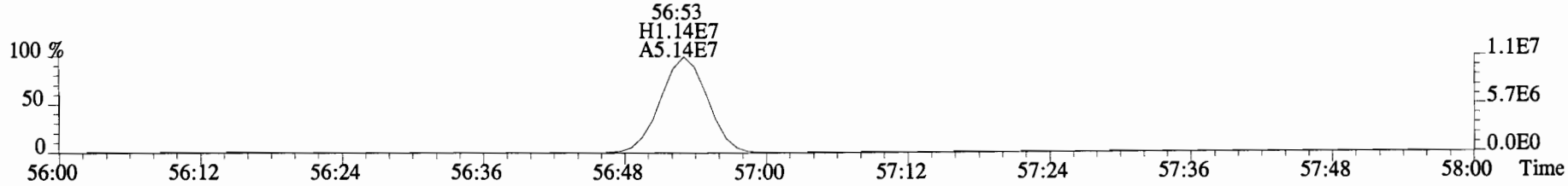
File:180110E1 #1-417 Acq:10-JAN-2018 18:08:59 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BLK1 Method Blank 1 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1492.0,0.00%,F,F)



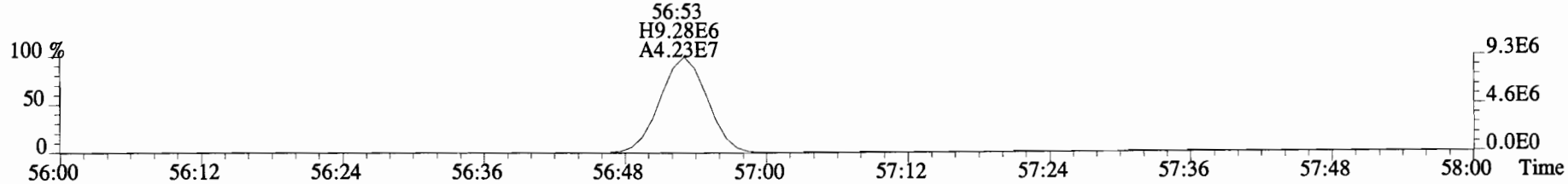
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



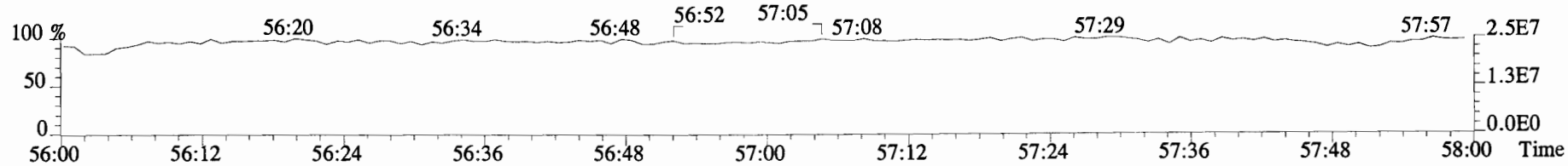
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1816.0,0.00%,F,F)



492.9697 S:5 F:5



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

Lab Name: Vista Analytical Laboratory OPR Data Filename: B8A0030-BS1

Matrix : AQUEOUS Ext. Date: 1-5-18 Analysis Date: 10-JAN-18 Time: 15:59:36

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	43.1	30.0-67.5	13C-PCB-1	100	52.8	15-145	13C-PCB-79	100	98.4	40-145
PCB-3	50	44.0	30.0-67.5	13C-PCB-3	100	62.0	15-145	13C-PCB-178	100	102.7	40-145
PCB-4/10	100	95.8	60.0-135	13C-PCB-4	100	64.5	15-145				
PCB-15	50	51.4	30.0-67.5	13C-PCB-11	100	83.4	15-145				
PCB-19	50	46.6	30.0-67.5	13C-PCB-19	100	73.6	15-145				
PCB-37	50	46.6	30.0-67.5	13C-PCB-37	100	94.1	15-145				
PCB-54	50	45.1	30.0-67.5	13C-PCB-54	100	75.0	15-145				
PCB-81	50	48.9	30.0-67.5	13C-PCB-81	100	98.2	40-145				
PCB-77	50	49.2	30.0-67.5	13C-PCB-77	100	99.4	40-145				
PCB-104	50	46.6	30.0-67.5	13C-PCB-104	100	80.9	40-145				
PCB-123	50	50.2	30.0-67.5	13C-PCB-123	100	98.4	40-145				
PCB-106/118	100	100.5	60.0-135	13C-PCB-118	100	99.3	40-145				
PCB-114	50	52.7	30.0-67.5	13C-PCB-114	100	99.1	40-145				
PCB-105	50	51.5	30.0-67.5	13C-PCB-105	100	98.7	40-145				
PCB-126	50	51.9	30.0-67.5	13C-PCB-126	100	101.2	40-145				
PCB-155	50	45.2	30.0-67.5	13C-PCB-155	100	97.2	40-145				
PCB-167	50	50.1	30.0-67.5	13C-PCB-167	100	98.4	40-145				
PCB-156	50	50.6	30.0-67.5	13C-PCB-156	100	101.8	40-145				
PCB-157	50	51.2	30.0-67.5	13C-PCB-157	100	99.8	40-145				
PCB-169	50	52.8	30.0-67.5	13C-PCB-169	100	103.7	40-145				
PCB-188	50	50.8	30.0-67.5	13C-PCB-188	100	91.4	40-145				
PCB-189	50	54.8	30.0-67.5	13C-PCB-189	100	110.6	40-145				
PCB-202	50	50.5	30.0-67.5	13C-PCB-202	100	100.7	40-145				
PCB-205	50	54.2	30.0-67.5	13C-PCB-194	100	93.1	40-145				
PCB-208	50	54.8	30.0-67.5	13C-PCB-208	100	89.9	40-145				
PCB-206	50	54.8	30.0-67.5	13C-PCB-206	100	97.3	40-145				
PCB-209	50	52.3	30.0-67.5	13C-PCB-209	100	106.1	40-145				

Analyst: MD

Date: 1/15/18

Client ID: OPR Filename: 180110E1 S:3 Acq:10-JAN-18 15:59:36 ConCal: ST180110E1-1
Lab ID: B8A0030-BS1 GC Column ID: ZB-1 ICal: PCBVG8-10 27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	5.58e+07	2.91 y	1.14	16:04	1.001	0.996	1.006	43.1030
	PCB-2	6.76e+07	2.94 y	1.09	18:27	0.988	0.983	0.993	45.8599
	PCB-3	6.59e+07	2.94 y	1.10	18:41	1.001	0.996	1.006	44.0413
	PCB-4/10	1.00e+08	1.59 y	1.41	20:03	1.003	0.998	1.008	95.8244
	PCB-7/9	1.34e+08	1.59 y	1.13	21:50	0.868	0.864	0.871	95.5098
	PCB-6	6.69e+07	1.60 y	1.09	22:28	0.893	0.888	0.897	49.1095
	PCB-5/8	1.38e+08	1.60 y	1.14	22:54	0.910	0.905	0.913	97.3256
	PCB-14	8.49e+07	1.58 y	1.39	23:59	0.953	0.948	0.958	44.1138
	PCB-11	7.72e+07	1.65 y	1.18	25:11	1.001	0.996	1.006	47.3232
	PCB-12/13	1.57e+08	1.60 y	1.15	25:34	1.016	1.011	1.021	97.9127
	PCB-15	9.02e+07	1.61 y	1.26	25:53	1.028	1.023	1.033	51.3689
	PCB-19	4.75e+07	1.04 y	1.25	24:10	1.001	0.996	1.006	46.5862
	PCB-30	8.16e+07	1.04 y	1.94	25:04	1.038	1.033	1.043	51.2501
	PCB-18	5.57e+07	1.04 y	0.95	25:49	0.954	0.949	0.959	43.5897
	PCB-17	6.21e+07	1.05 y	1.03	25:59	0.960	0.955	0.965	44.7802
	PCB-24/27	1.68e+08	1.04 y	1.35	26:34	0.981	0.976	0.986	92.5713
-	PCB-16/32	1.39e+08	1.04 y	1.11	27:04	1.000	0.995	1.005	93.5422
-	PCB-34	6.82e+07	1.03 y	1.19	27:52	0.960	0.955	0.965	43.9210
	PCB-23	7.39e+07	1.03 y	1.24	27:57	0.963	0.958	0.968	45.7349
	PCB-29	7.44e+07	1.03 y	1.26	28:12	0.971	0.966	0.976	45.1665
	PCB-26	7.53e+07	1.05 y	1.23	28:26	0.980	0.974	0.984	46.8669
	PCB-25	6.85e+07	1.02 y	1.15	28:35	0.985	0.980	0.990	45.5414
	PCB-31	7.82e+07	1.02 y	1.32	28:56	0.997	0.992	1.002	45.4026
	PCB-28	7.24e+07	1.02 y	1.25	29:02	1.000	0.995	1.005	44.3705
	PCB-20/21/33	2.04e+08	1.01 y	1.20	29:40	1.022	1.017	1.027	130.333
	PCB-22	6.98e+07	1.02 y	1.20	30:06	1.037	1.032	1.042	44.6289
	PCB-36	7.42e+07	1.01 y	1.24	30:43	0.934	0.929	0.939	43.8749
	PCB-39	8.05e+07	1.02 y	1.32	31:12	0.948	0.943	0.953	44.6629
	PCB-38	7.07e+07	1.02 y	1.18	31:57	0.971	0.966	0.976	44.0200
	PCB-35	7.34e+07	1.01 y	1.20	32:29	0.987	0.982	0.992	44.9455
	PCB-37	8.47e+07	1.03 y	1.33	32:55	1.001	0.995	1.005	46.6275
	PCB-54	6.19e+07	0.76 y	1.12	27:55	1.001	0.996	1.006	45.1426
	PCB-50	5.22e+07	0.76 y	0.90	29:05	1.043	1.038	1.048	47.3709
	PCB-53	5.23e+07	0.77 y	1.14	29:44	0.946	0.941	0.951	42.5071
	PCB-51	5.46e+07	0.77 y	1.18	30:05	0.957	0.952	0.962	42.8916
	PCB-45	4.94e+07	0.75 y	1.03	30:30	0.970	0.965	0.975	44.5635
	PCB-46	4.77e+07	0.77 y	0.98	30:59	0.986	0.981	0.991	45.2381

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	1.36e+08	0.77 y	1.325	31:29	1.001	0.996	1.006	95.2623
PCB-73	6.51e+07	0.77 y	1.388	31:35	1.005	1.000	1.010	43.5753
PCB-43/49	1.12e+08	0.76 y	1.141	31:45	1.010	1.005	1.015	90.9786
PCB-47	5.80e+07	0.75 y	1.042	31:57	1.000	0.996	1.006	48.9233
PCB-48/75	1.41e+08	0.77 y	1.313	32:04	1.004	0.999	1.009	94.1142
PCB-65	7.09e+07	0.77 y	1.234	32:20	1.012	1.007	1.017	50.4983
PCB-62	6.65e+07	0.78 y	1.267	32:27	1.016	1.011	1.021	46.1069
PCB-44	5.01e+07	0.77 y	0.909	32:45	1.025	1.020	1.030	48.3757
PCB-42/59	1.36e+08	0.77 y	1.197	32:58	1.032	1.027	1.037	99.5751
PCB-41/64/71/72	2.83e+08	0.77 y	1.273	33:34	1.051	1.046	1.056	195.685
PCB-68	8.71e+07	0.74 y	1.477	33:50	1.059	1.054	1.064	51.8513
PCB-40	4.60e+07	0.77 y	0.820	34:02	1.065	1.060	1.070	49.3167
PCB-57	8.12e+07	0.76 y	1.146	34:24	0.970	0.965	0.975	47.0934
PCB-67	8.10e+07	0.76 y	1.144	34:42	0.978	0.974	0.984	47.0483
PCB-58	8.68e+07	0.77 y	1.221	34:50	0.982	0.977	0.987	47.2973
PCB-63	8.77e+07	0.77 y	1.222	34:59	0.986	0.982	0.992	47.7379
PCB-74	8.93e+07	0.76 y	1.225	35:16	0.994	0.990	1.000	48.4628
PCB-61/70	1.68e+08	0.78 y	1.165	35:26	0.999	0.994	1.004	96.1432
PCB-76/66	1.75e+08	0.73 y	1.199	35:40	1.006	1.001	1.011	97.2099
PCB-80	1.03e+08	0.77 y	1.383	35:53	1.000	0.995	1.005	48.3233
PCB-55	9.66e+07	0.75 y	1.261	36:13	1.009	1.004	1.014	49.4850
PCB-56/60	1.76e+08	0.76 y	1.161	36:42	1.023	1.018	1.028	97.9582
PCB-79	9.63e+07	0.77 y	1.241	37:47	1.053	1.047	1.057	50.1069
PCB-78	9.68e+07	0.76 y	1.129	38:28	0.987	0.982	0.992	52.7222
PCB-81	1.01e+08	0.78 y	1.265	39:00	1.000	0.995	1.005	48.8884
PCB-77	1.02e+08	0.79 y	1.324	39:35	1.000	0.995	1.005	49.2337
PCB-104	6.05e+07	1.58 y	1.367	32:37	1.001	0.996	1.006	46.5854
PCB-96	5.47e+07	1.60 y	1.184	33:52	1.039	1.034	1.044	48.6478
PCB-103	5.14e+07	1.59 y	1.122	34:25	1.056	1.051	1.061	48.2756
PCB-100	5.27e+07	1.57 y	1.096	34:46	1.067	1.062	1.072	50.6219
PCB-94	4.48e+07	1.60 y	1.163	35:15	0.986	0.981	0.991	47.1904
PCB-95/98/102	1.53e+08	1.59 y	1.313	35:43	0.999	0.994	1.004	143.208
PCB-93	4.01e+07	1.58 y	1.079	35:51	1.003	0.997	1.007	45.6472
PCB-88/91	9.00e+07	1.57 y	1.198	36:08	1.011	1.005	1.015	92.2048
PCB-121	7.69e+07	1.60 y	1.847	36:16	1.014	1.009	1.019	51.0795
PCB-84/92	9.59e+07	1.58 y	1.217	37:05	0.990	0.985	0.995	93.1608
PCB-89	4.61e+07	1.60 y	1.185	37:15	0.995	0.990	1.000	45.9605

Integrations by Analyst: M)
Date: 1/15/18

Reviewed by Analyst: CT
Date: 1/22/18

Client ID: OPR
Lab ID: B8A0030-BS1

Filename: 180110E1 S:3 Acq:10-JAN-18 15:59:36 ConCal: ST180110E1-1
GC Column ID: ZB-1 ICal: PCBAVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-90/101	1.10e+08	1.59 y	1.38	37:27	1.000	0.995	1.005	94.3943
	PCB-113	7.03e+07	1.56 y	1.52	37:41	1.006	1.002	1.012	54.7146
	PCB-99	4.87e+07	1.63 y	1.48	37:48	1.010	1.004	1.014	39.0133
	PCB-119	7.96e+07	1.58 y	2.12	38:15	0.987	0.982	0.992	49.4537
	PCB-108/112	1.17e+08	1.59 y	1.59	38:25	0.991	0.986	0.996	96.9984
	PCB-83	7.03e+07	1.59 y	1.90	38:34	0.995	0.991	1.001	48.8933
	PCB-97	5.33e+07	1.59 y	1.50	38:46	1.000	0.995	1.005	46.8199
	PCB-86	4.51e+07	1.52 y	1.19	38:54	1.004	0.999	1.009	49.8681
	B-87/117/125	1.92e+08	1.57 y	1.76	39:02	1.007	1.002	1.012	143.214
	PCB-111/115	1.52e+08	1.61 y	2.09	39:11	1.011	1.007	1.017	95.7337
	PCB-85/116	1.18e+08	1.57 y	1.53	39:19	1.015	1.010	1.020	101.665
	PCB-120	8.05e+07	1.56 y	2.19	39:34	1.021	1.016	1.026	48.4847
	PCB-110	7.05e+07	1.61 y	1.87	39:42	1.025	1.020	1.030	49.8242
	PCB-82	4.48e+07	1.56 y	0.88	40:19	0.976	0.971	0.981	47.7355
	PCB-124	8.00e+07	1.55 y	1.46	41:00	0.993	0.988	0.998	51.4086
	PCB-107/109	1.54e+08	1.60 y	1.47	41:09	0.996	0.991	1.001	97.9462
	PCB-123	7.89e+07	1.57 y	1.48	41:20	1.001	0.996	1.006	50.1599
-	PCB-106/118	1.63e+08	1.58 y	1.45	41:32	1.001	0.996	1.006	100.486
-	PCB-114	9.47e+07	1.56 y	1.39	42:10	1.001	0.995	1.005	52.6606
	PCB-122	8.09e+07	1.57 y	1.21	42:18	1.004	0.999	1.009	51.7793
	PCB-105	9.48e+07	1.56 y	1.44	43:01	1.000	0.995	1.005	51.5365
	PCB-127	8.76e+07	1.57 y	1.19	43:21	1.000	0.995	1.005	52.5500
	PCB-126	9.06e+07	1.60 y	1.33	45:16	1.000	0.995	1.005	51.9068
	PCB-155	5.31e+07	1.26 y	1.42	37:00	1.001	0.966	1.006	45.1636
	PCB-150	5.21e+07	1.27 y	1.32	38:16	1.035	1.029	1.039	47.6580
	PCB-152	5.17e+07	1.27 y	1.30	38:45	1.047	1.042	1.052	48.1767
	PCB-145	4.98e+07	1.24 y	1.27	39:11	1.059	1.054	1.064	47.2674
	PCB-136	5.76e+07	1.26 y	1.30	39:30	1.068	1.063	1.073	53.4181
	PCB-148	3.49e+07	1.26 y	0.94	39:38	1.071	1.066	1.076	44.7604
	PCB-154	4.53e+07	1.27 y	1.04	40:07	1.084	1.079	1.089	52.6540
	PCB-151	4.35e+07	1.28 y	0.97	40:45	1.102	1.095	1.107	54.2019
	PCB-135	4.32e+07	1.24 y	0.99	40:58	1.108	1.101	1.113	52.5454
	PCB-144	4.31e+07	1.31 y	0.99	41:05	1.111	1.105	1.116	52.3850
	PCB-147	4.11e+07	1.27 y	0.89	41:12	1.114	1.108	1.120	55.9445
	PCB-139/149	9.00e+07	1.27 y	1.03	41:28	1.121	1.115	1.127	105.634
-	PCB-140	4.18e+07	1.29 y	0.97	41:39	1.126	1.120	1.132	52.1515
-	PCB-134/143	1.19e+08	1.22 y	0.93	42:05	0.975	0.970	0.980	94.6800

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	1.23e+08	1.21 y	0.92	42:22	0.982	0.977	0.987	98.5553
PCB-142	6.01e+07	1.22 y	0.86	42:32	0.985	0.980	0.990	51.5459
PCB-146/165	1.51e+08	1.22 y	1.12	42:46	0.991	0.986	0.996	100.094
PCB-132/161	1.53e+08	1.22 y	1.13	43:01	0.997	0.992	1.002	99.8818
PCB-153	7.46e+07	1.21 y	1.16	43:11	1.000	0.996	1.006	47.7654
PCB-168	9.38e+07	1.23 y	1.41	43:24	1.005	1.000	1.010	49.1634
PCB-141	7.04e+07	1.23 y	1.24	43:55	1.000	0.996	1.006	49.4790
PCB-137	7.52e+07	1.21 y	1.25	44:18	1.009	1.004	1.014	52.0973
PCB-130	6.21e+07	1.23 y	1.07	44:24	1.011	1.006	1.016	50.4807
PCB-138/163/164	2.55e+08	1.24 y	1.36	44:47	1.001	0.996	1.006	150.211
PCB-158/160	1.89e+08	1.22 y	1.46	45:01	1.006	1.001	1.011	103.913
PCB-129	6.17e+07	1.23 y	1.01	45:16	1.012	1.007	1.017	49.1425
PCB-166	9.36e+07	1.24 y	1.23	45:43	0.993	0.988	0.998	50.3289
PCB-159	1.01e+08	1.23 y	1.31	46:03	1.000	0.995	1.005	51.2233
PCB-128/162	1.68e+08	1.23 y	1.09	46:20	1.006	1.002	1.012	101.378
PCB-167	9.88e+07	1.22 y	1.29	46:44	1.000	0.995	1.005	50.1203
PCB-156	1.04e+08	1.22 y	1.32	48:01	1.000	0.995	1.005	50.5908
PCB-157	1.05e+08	1.23 y	1.34	48:17	1.000	0.995	1.005	51.2449
PCB-169	1.02e+08	1.25 y	1.21	50:28	1.000	0.995	1.005	52.8299
PCB-188	7.85e+07	1.05 y	1.61	42:49	1.001	0.995	1.005	50.8037
PCB-184	7.17e+07	1.06 y	1.46	43:16	1.011	1.006	1.016	51.1481
PCB-179	7.60e+07	1.06 y	1.49	44:02	1.029	1.024	1.034	53.2058
PCB-176	8.04e+07	1.07 y	1.58	44:30	1.040	1.035	1.045	52.9649
PCB-186	8.14e+07	1.05 y	1.54	45:07	1.054	1.049	1.059	55.1008
PCB-178	6.14e+07	1.06 y	1.16	45:36	1.066	1.061	1.071	55.1992
PCB-175	6.35e+07	1.05 y	1.17	45:57	1.074	1.069	1.079	56.3210
PCB-182/187	1.31e+08	1.05 y	1.25	46:08	1.078	1.073	1.083	109.034
PCB-183	7.33e+07	1.05 y	1.32	46:26	1.085	1.080	1.090	57.6884
PCB-185	6.40e+07	1.07 y	1.67	47:06	0.956	0.951	0.961	50.8581
PCB-174	6.21e+07	1.05 y	1.53	47:28	0.963	0.958	0.968	53.8692
PCB-181	6.26e+07	1.07 y	1.59	47:34	0.965	0.960	0.970	52.1768
PCB-177	5.68e+07	1.06 y	1.48	47:44	0.968	0.964	0.974	51.0130
PCB-171	6.55e+07	1.05 y	1.71	48:01	0.974	0.969	0.979	50.9175
PCB-173	5.53e+07	1.04 y	1.40	48:27	0.983	0.978	0.988	52.4677
PCB-172	6.57e+07	1.04 y	1.61	48:54	0.992	0.987	0.997	54.2506
PCB-192	8.35e+07	1.06 y	2.08	49:06	0.996	0.991	1.001	53.3283
PCB-180	6.71e+07	1.07 y	1.67	49:19	1.000	0.995	1.005	53.3827

Integrations by Analyst: MN

Date: 1/15/18

Client ID: OPR Filename: 180110E1 S:3 Acq:10-JAN-18 15:59:36 ConCal: ST180110E1-1 Page 4 of

Lab ID: B8A0030-BS1 CC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	8.81e+07	1.05 y	2.18	49:30	1.004	0.999	1.009	53.6801
	PCB-191	9.11e+07	1.05 y	2.22	49:46	1.010	1.005	1.015	54.4102
	PCB-170	6.58e+07	1.05 y	1.83	50:51	1.000	0.995	1.005	52.4364
	PCB-190	9.22e+07	1.07 y	2.48	51:02	1.004	0.999	1.009	54.1989
	PCB-189	9.33e+07	1.05 y	1.82	52:25	1.000	0.995	1.005	54.7855
	PCB-202	5.39e+07	0.90 y	1.15	48:14	1.000	0.995	1.005	50.4918
	PCB-201	6.15e+07	0.88 y	1.25	48:43	1.010	1.005	1.015	53.1910
	PCB-204	5.61e+07	0.90 y	1.21	48:52	1.014	1.009	1.019	50.0331
	PCB-197	6.50e+07	0.90 y	1.34	49:10	1.020	1.015	1.025	52.4288
	PCB-200	6.02e+07	0.89 y	1.22	50:05	1.039	1.034	1.044	53.4261
	PCB-198	4.73e+07	0.87 y	0.90	51:28	1.068	1.064	1.074	56.8067
	PCB-199	4.55e+07	0.89 y	0.85	51:35	1.070	1.067	1.077	58.1470
-	PCB-196/203	1.01e+08	0.89 y	0.96	51:51	1.076	1.072	1.082	113.436
-	PCB-195	5.67e+07	0.88 y	1.12	53:04	0.984	0.979	0.989	55.0849
	PCB-194	6.06e+07	0.89 y	1.26	53:56	1.000	0.995	1.005	52.5237
	PCB-205	7.90e+07	0.89 y	1.59	54:12	1.005	1.000	1.010	54.2411
	PCB-208	7.45e+07	1.33 y	1.09	53:12	1.000	0.995	1.005	54.7618
	PCB-207	7.65e+07	1.34 y	1.10	53:31	1.006	1.001	1.011	55.8469
	PCB-206	5.05e+07	1.33 y	0.94	55:31	1.000	0.995	1.005	54.8082
	PCB-209	7.56e+07	1.18 y	1.44	56:53	1.000	0.995	1.005	52.3162

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	1.89e+08	2.91 y	16:04	1.11	133.004	
Total Di-PCB	8.52e+08	1.59 y	20:03	1.19	580.332	
Total Tri-PCB	5.55e+08	1.04 y	24:10	1.27	372.320	
Total Tri-PCB	1.20e+09	1.03 y	27:52	1.23	734.065	Sum:1106.38
Total Tetra-PCB	3.14e+09	0.76 y	27:55	1.17	2030.31	
Total Penta-PCB	2.50e+09	1.58 y	32:37	1.37	1983.17	
Total Penta-PCB	4.68e+08	1.56 y	42:10	1.31	271.361	Sum:2254.53
Total Hexa-PCB	6.47e+08	1.26 y	37:00	1.10	711.960	
Total Hexa-PCB	2.28e+09	1.22 y	42:05	1.17	1418.70	Sum:2130.66
Total Hepta-PCB	1.74e+09	1.05 y	42:49	1.55	1293.33	
Total Octa-PCB	4.90e+08	0.90 y	48:14	1.09	487.961	
Total Octa-PCB	1.99e+08	0.88 y	53:04	1.33	164.211	Sum:652.172
Total Nona-PCB	2.02e+08	1.33 y	53:12	1.05	165.928	
Total Deca-PCB	7.56e+07	1.18 y	56:53	1.44	52.3162	

Total PCB Conc:10316.8938830

Integrations by Analyst: MM

Date: 1/15/18

Client ID: OPR Filename: 180110E1 S:3 Acq:10-JAN-18 15:59:36 ConCal: ST180110E1-1

Lab ID: B8A0030-BS1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.14e+08	3.12 y	1.24	16:03	0.620	0.616	0.622	52.8	52.8
13C-PCB-3	1.36e+08	3.14 y	1.25	18:39	0.721	0.717	0.725	62.0	62.0
13C-PCB-4	7.42e+07	1.58 y	0.66	19:60	0.773	0.768	0.776	64.5	64.5
13C-PCB-9	1.25e+08	1.56 y	0.98	21:47	0.842	0.838	0.846	72.8	72.8
13C-PCB-11	1.39e+08	1.57 y	0.95	25:10	0.973	0.968	0.978	83.4	83.4
13C-PCB-19	8.19e+07	1.04 y	0.64	24:09	0.933	0.928	0.938	73.6	73.6
13C-PCB-28	1.31e+08	1.05 y	0.98	29:02	1.004	0.999	1.009	87.9	87.9
13C-PCB-32	1.35e+08	1.07 y	0.90	27:04	1.046	1.041	1.051	85.5	85.5
13C-PCB-37	1.36e+08	1.06 y	0.95	32:54	1.138	1.131	1.144	94.1	94.1
13C-PCB-47	1.14e+08	0.78 y	0.85	31:57	0.870	0.867	0.875	81.4	81.4
13C-PCB-52	1.08e+08	0.79 y	0.77	31:26	0.857	0.853	0.861	84.2	84.2
13C-PCB-54	1.23e+08	0.81 y	0.99	27:54	0.760	0.757	0.765	75.0	75.0
13C-PCB-70	1.50e+08	0.79 y	1.00	35:28	0.966	0.961	0.971	91.3	91.3
13C-PCB-77	1.57e+08	0.81 y	0.96	39:35	1.078	1.073	1.083	99.4	99.4
13C-PCB-80	1.55e+08	0.80 y	1.00	35:53	0.978	0.973	0.983	93.6	93.6
13C-PCB-81	1.63e+08	0.79 y	1.00	38:59	1.062	1.057	1.067	98.2	98.2
13C-PCB-95	8.15e+07	1.59 y	0.81	35:45	0.913	0.908	0.918	88.5	88.5
13C-PCB-97	7.59e+07	1.64 y	0.70	38:45	0.989	0.984	0.994	95.5	95.5
13C-PCB-101	8.46e+07	1.60 y	0.80	37:27	0.956	0.951	0.961	93.0	93.0
13C-PCB-104	9.49e+07	1.61 y	1.03	32:36	0.832	0.828	0.836	80.9	80.9
13C-PCB-105	1.28e+08	1.59 y	1.16	43:00	0.929	0.924	0.934	98.7	98.7
13C-PCB-114	1.29e+08	1.57 y	1.17	42:09	0.910	0.905	0.915	99.1	99.1
13C-PCB-118	1.12e+08	1.60 y	0.99	41:30	1.059	1.054	1.064	99.3	99.3
13C-PCB-123	1.07e+08	1.60 y	0.95	41:18	1.054	1.049	1.059	98.4	98.4
13C-PCB-126	1.31e+08	1.58 y	1.16	45:15	0.977	0.972	0.982	101	101
13C-PCB-127	1.40e+08	1.61 y	1.25	43:21	0.936	0.931	0.941	100	100
13C-PCB-138	1.24e+08	1.27 y	1.15	44:45	0.966	0.961	0.971	97.1	97.1
13C-PCB-141	1.15e+08	1.26 y	1.08	43:54	0.948	0.943	0.953	95.8	95.8
13C-PCB-153	1.35e+08	1.27 y	1.28	43:10	0.932	0.928	0.938	94.3	94.3
13C-PCB-155	8.28e+07	1.28 y	0.75	36:59	0.944	0.939	0.949	97.2	97.2
13C-PCB-156	1.56e+08	1.27 y	1.37	48:00	1.037	1.032	1.042	102	102
13C-PCB-157	1.53e+08	1.28 y	1.38	48:16	1.043	1.038	1.048	99.8	99.8
13C-PCB-159	1.51e+08	1.25 y	1.38	46:02	0.994	0.989	0.999	98.3	98.3
13C-PCB-167	1.53e+08	1.27 y	1.39	46:43	1.009	1.004	1.014	98.4	98.4
13C-PCB-169	1.59e+08	1.28 y	1.38	50:28	1.090	1.085	1.095	104	104
13C-PCB-170	6.86e+07	0.46 y	0.84	50:50	1.102	1.097	1.109	108	108
13C-PCB-180	7.54e+07	0.47 y	0.96	49:17	1.069	1.063	1.073	103	103
13C-PCB-188	9.61e+07	0.45 y	1.39	42:48	0.928	0.923	0.933	91.4	91.4
13C-PCB-189	9.37e+07	0.46 y	1.12	52:24	1.136	1.132	1.144	111	111
13C-PCB-194	9.14e+07	0.91 y	0.76	53:56	0.995	0.990	1.000	93.1	93.1
13C-PCB-202	9.24e+07	0.92 y	1.21	48:13	1.045	1.040	1.050	101	101
13C-PCB-206	9.81e+07	0.78 y	0.78	55:30	1.024	1.019	1.029	97.3	97.3
13C-PCB-208	1.25e+08	0.77 y	1.08	53:11	0.982	0.976	0.986	89.9	89.9
13C-PCB-209	1.00e+08	1.20 y	0.73	56:52	1.049	1.043	1.053	106	106

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.65e+08	0.80 y	1.02	37:46	1.029	1.024	1.034	98.4	98.4
13C-PCB-178	7.04e+07	0.45 y	0.90	45:35	0.985	0.980	0.990	103	103

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	1.65e+08	0.80 y	1.01	37:46	0.969	0.963	0.973	100	100
13C-PCB-178	7.04e+07	0.45 y	0.94	45:35	0.925	0.920	0.930	99.3	99.3

RS

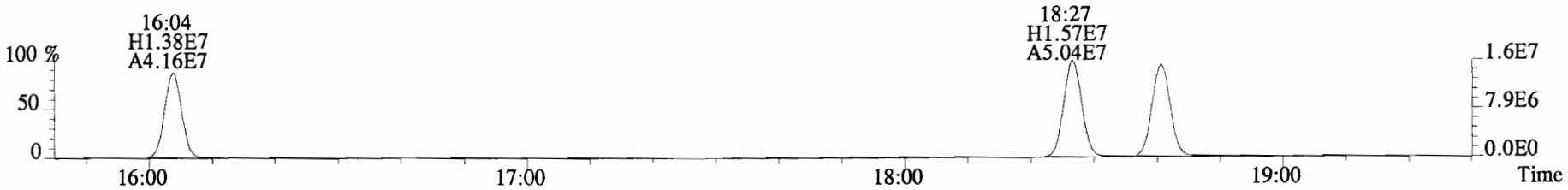
Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.75e+08	1.57 y	1.00	25:52	100
13C-PCB-31	1.52e+08	1.05 y	1.00	28:55	100
13C-PCB-60	1.65e+08	0.79 y	1.00	36:42	100
13C-PCB-111	1.14e+08	1.61 y	1.00	39:11	100
13C-PCB-128	1.12e+08	1.27 y	1.00	46:18	100
13C-PCB-182	7.58e+07	0.47 y	1.00	46:07	100
13C-PCB-205	1.29e+08	0.91 y	1.00	54:11	100

Analyst: MJ

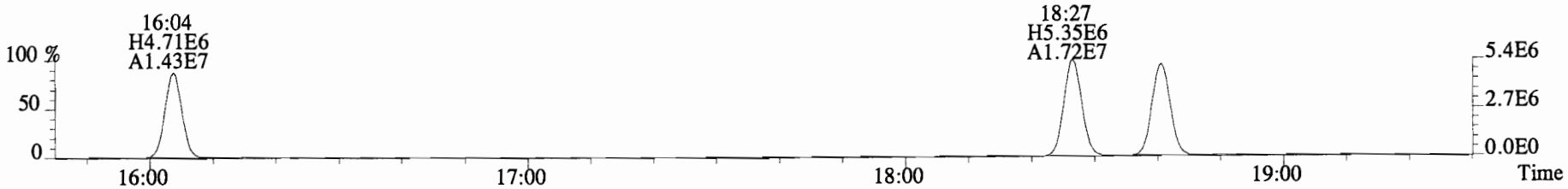
Date: 1/15/18

File:180110E1 #1-867 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1

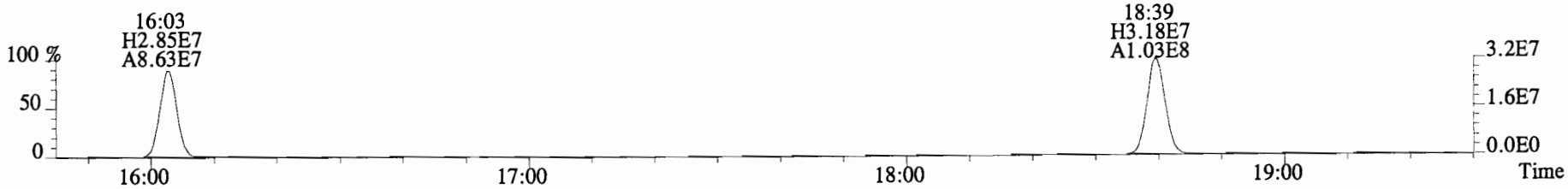
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10944.0,0.00%,F,F)



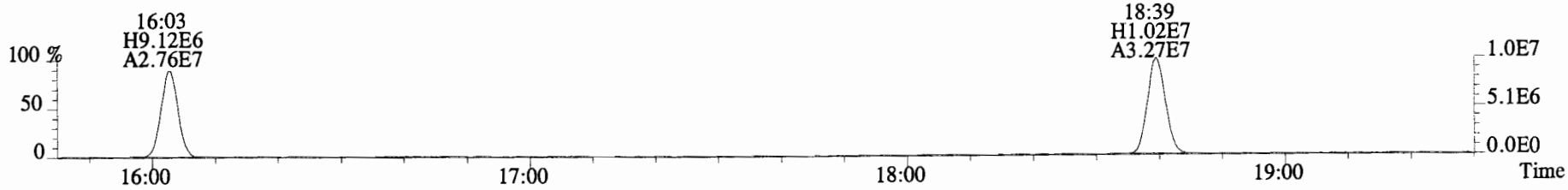
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8100.0,0.00%,F,F)



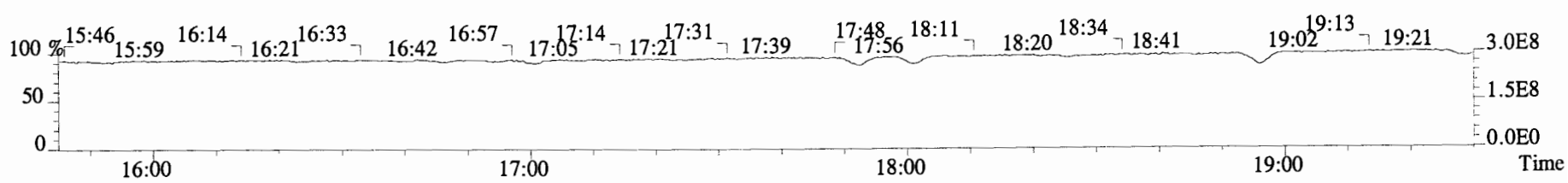
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9716.0,0.00%,F,F)



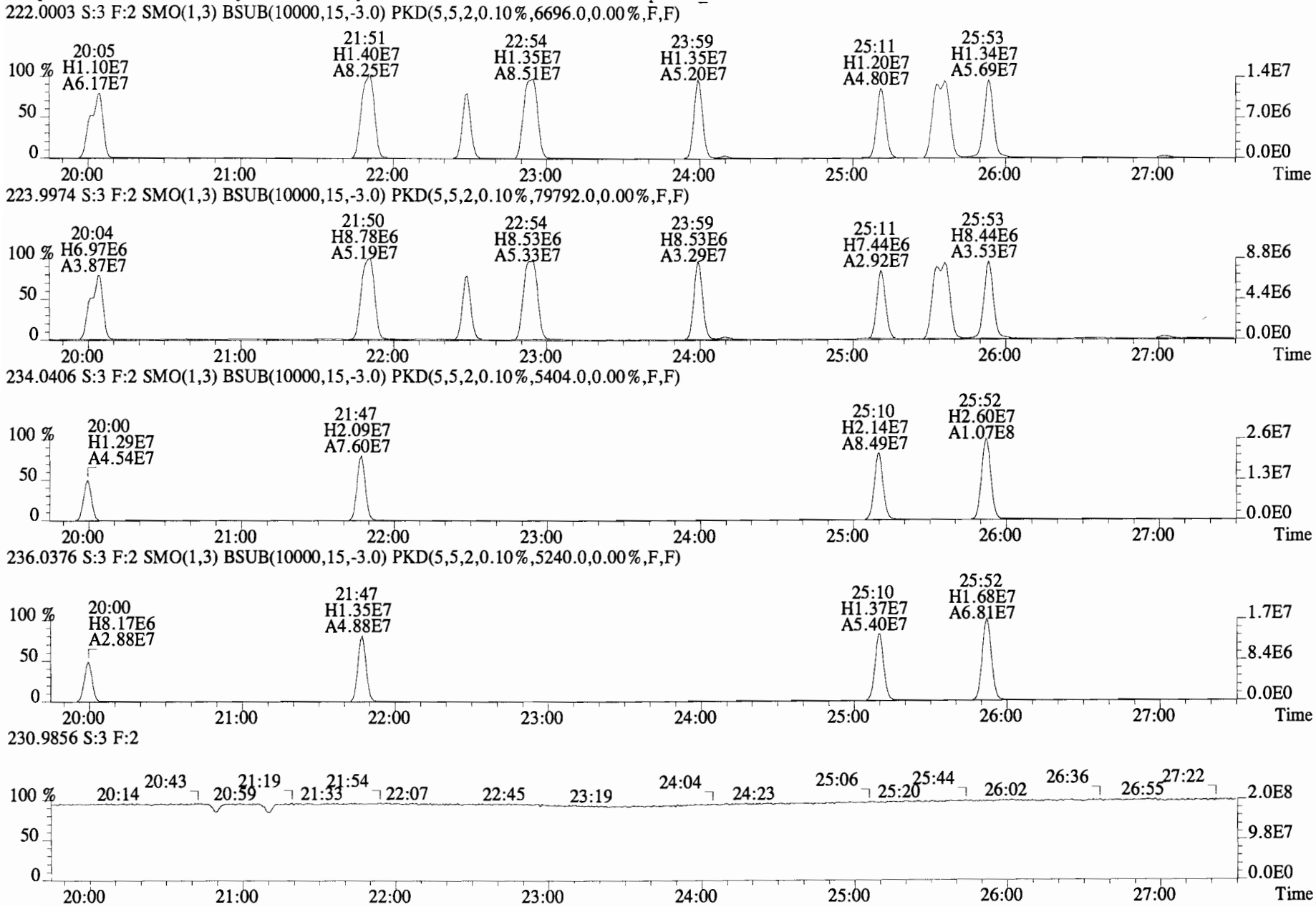
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50868.0,0.00%,F,F)



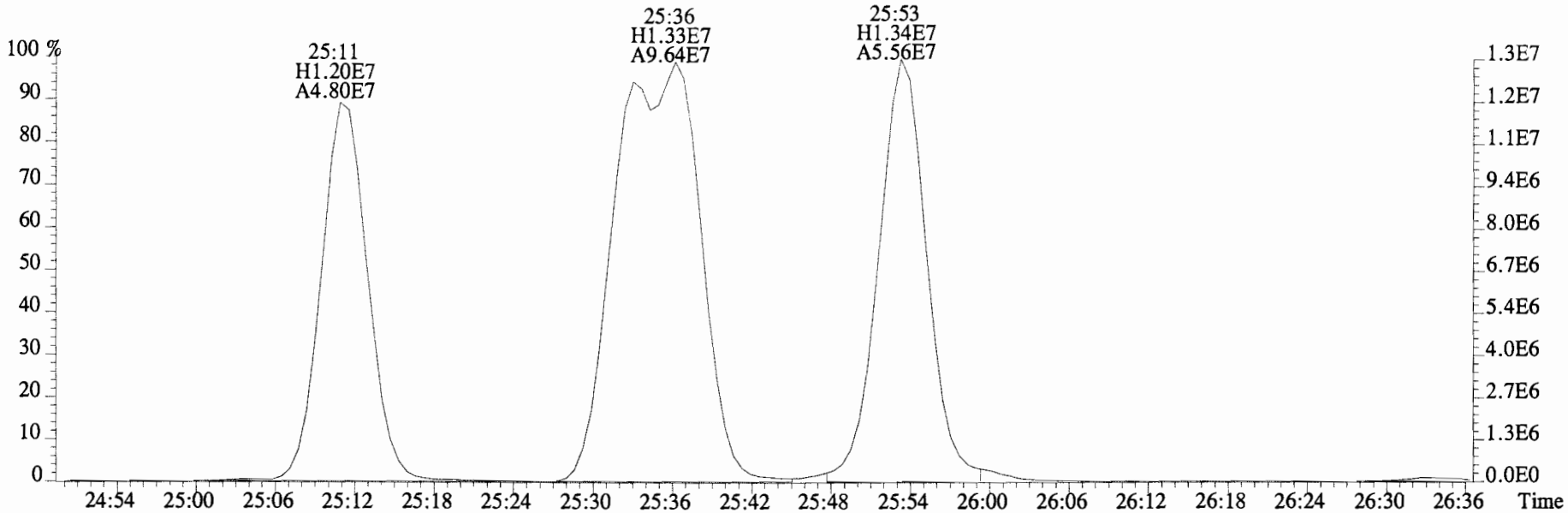
180.9880 S:3



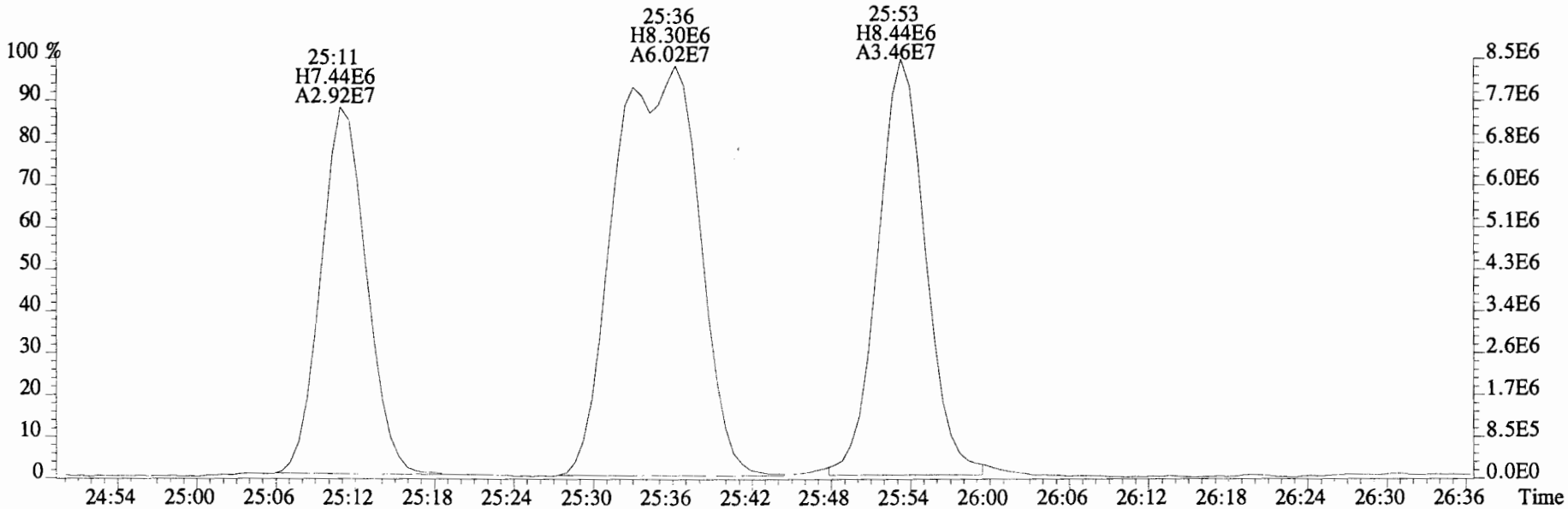
File:180110E1 #1-757 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1



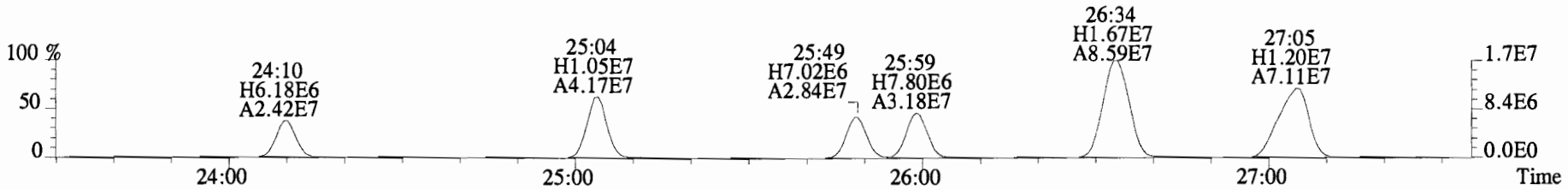
File:180110E1 #1-757 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6696.0,0.00%,F,F)



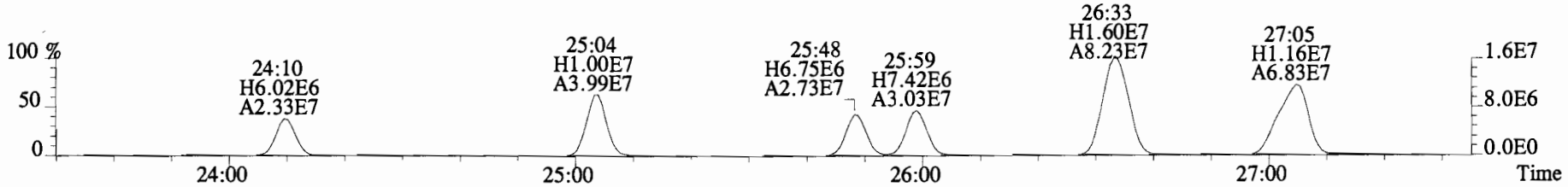
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,79792.0,0.00%,F,F)



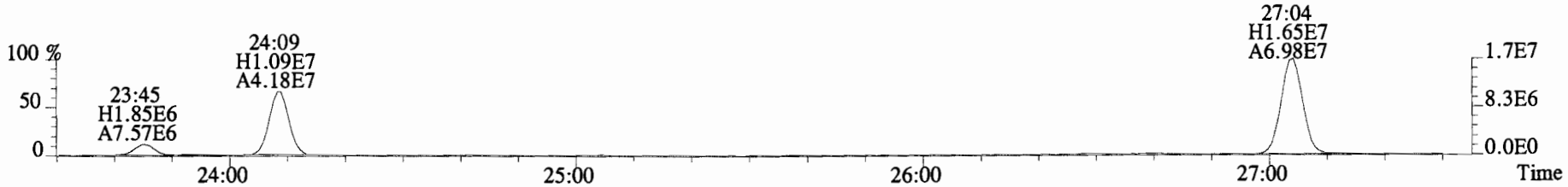
File:180110E1 #1-757 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5748.0,0.00%,F,F)



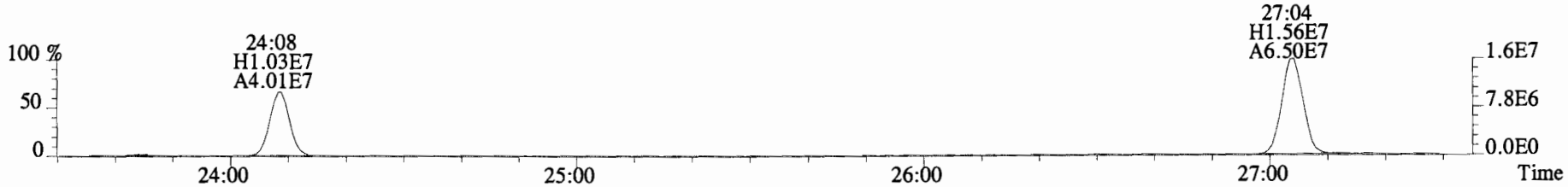
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3528.0,0.00%,F,F)



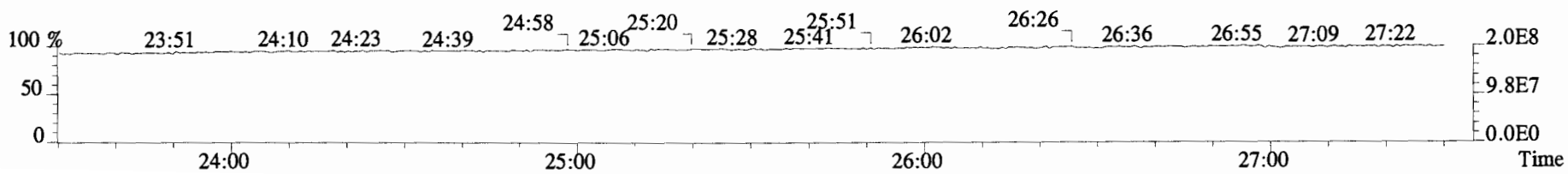
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,147800.0,0.00%,F,F)



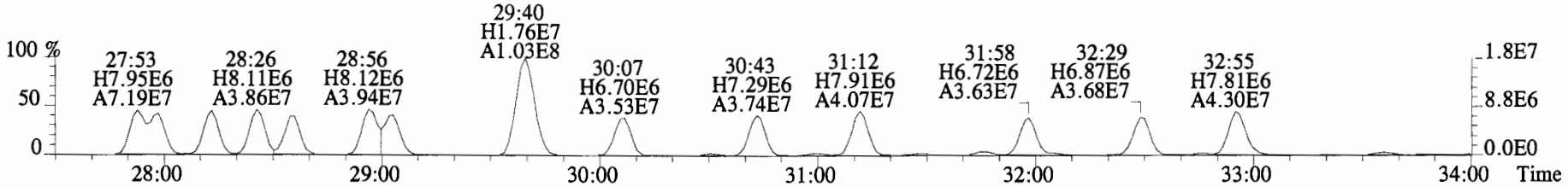
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,104352.0,0.00%,F,F)



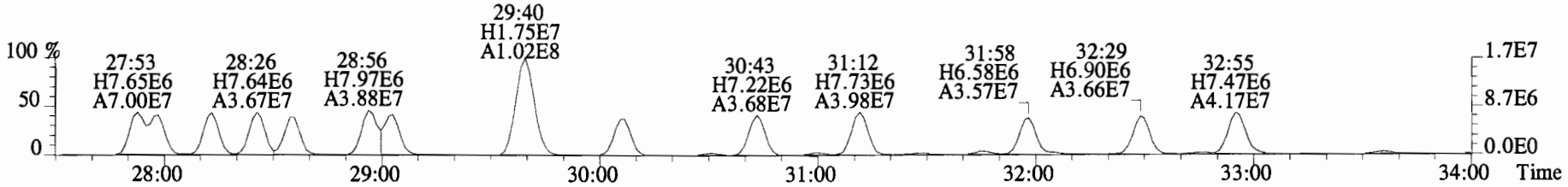
230.9856 S:3 F:2



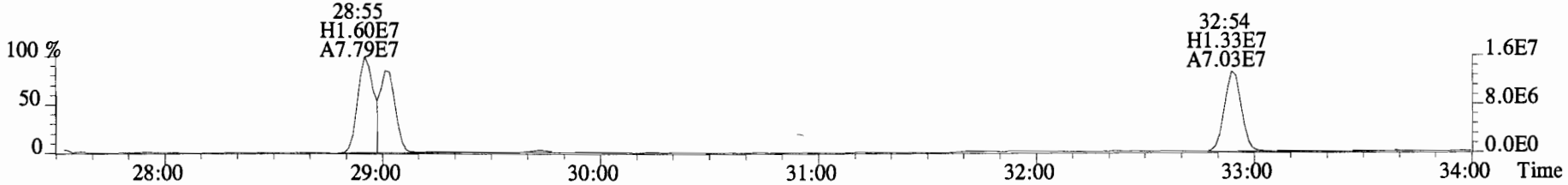
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17380.0,0.00%,F,F)



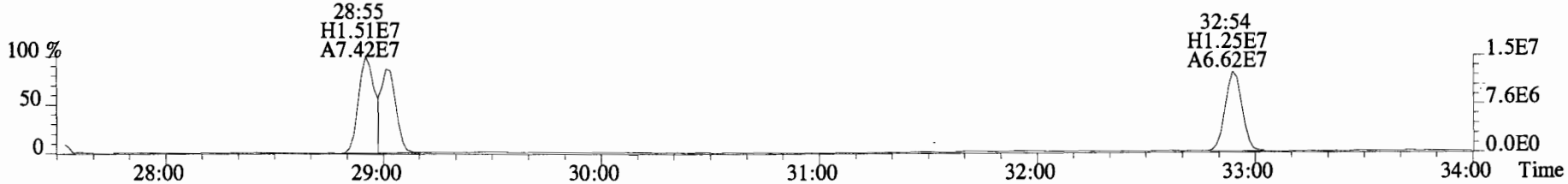
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16628.0,0.00%,F,F)



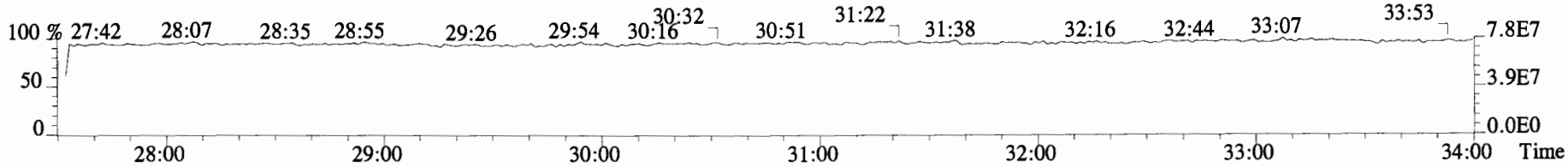
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223152.0,0.00%,F,F)



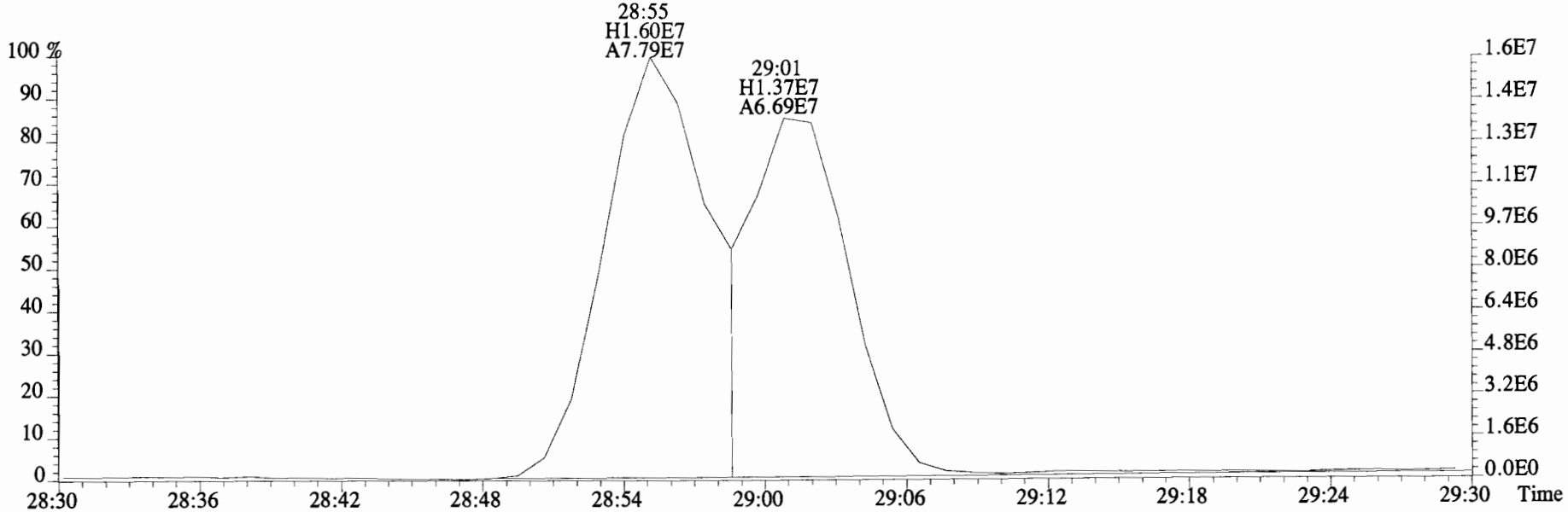
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,198704.0,0.00%,F,F)



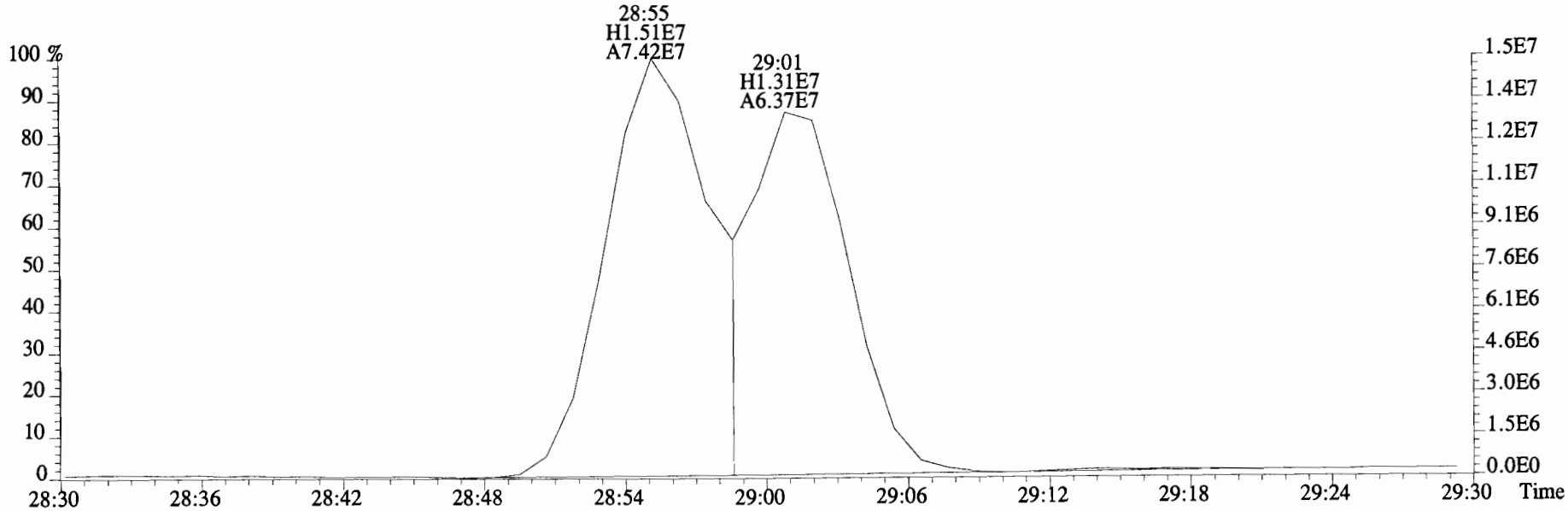
330.9792 S:3 F:3



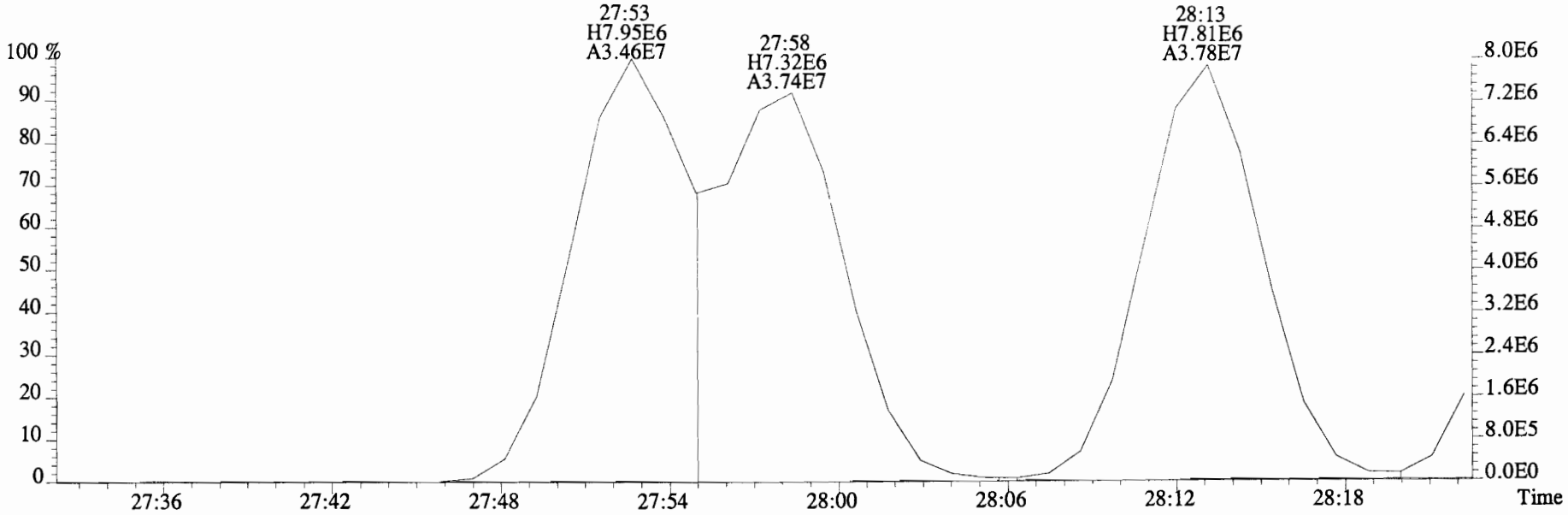
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223152.0,0.00%,F,F)



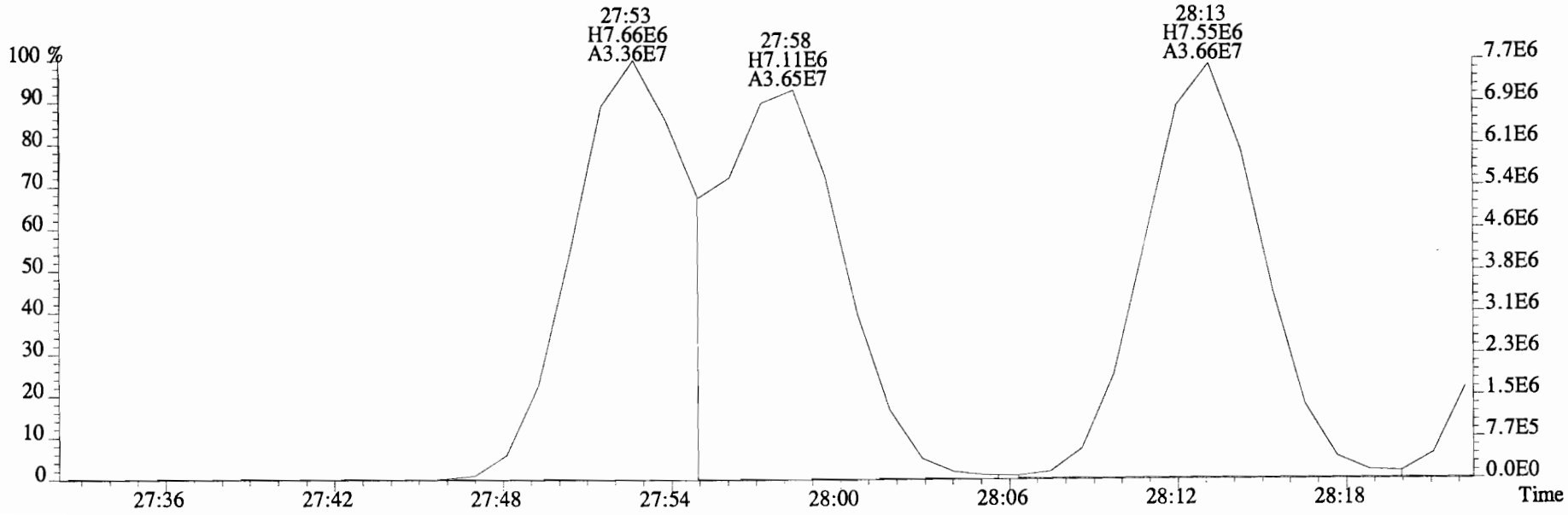
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,198704.0,0.00%,F,F)



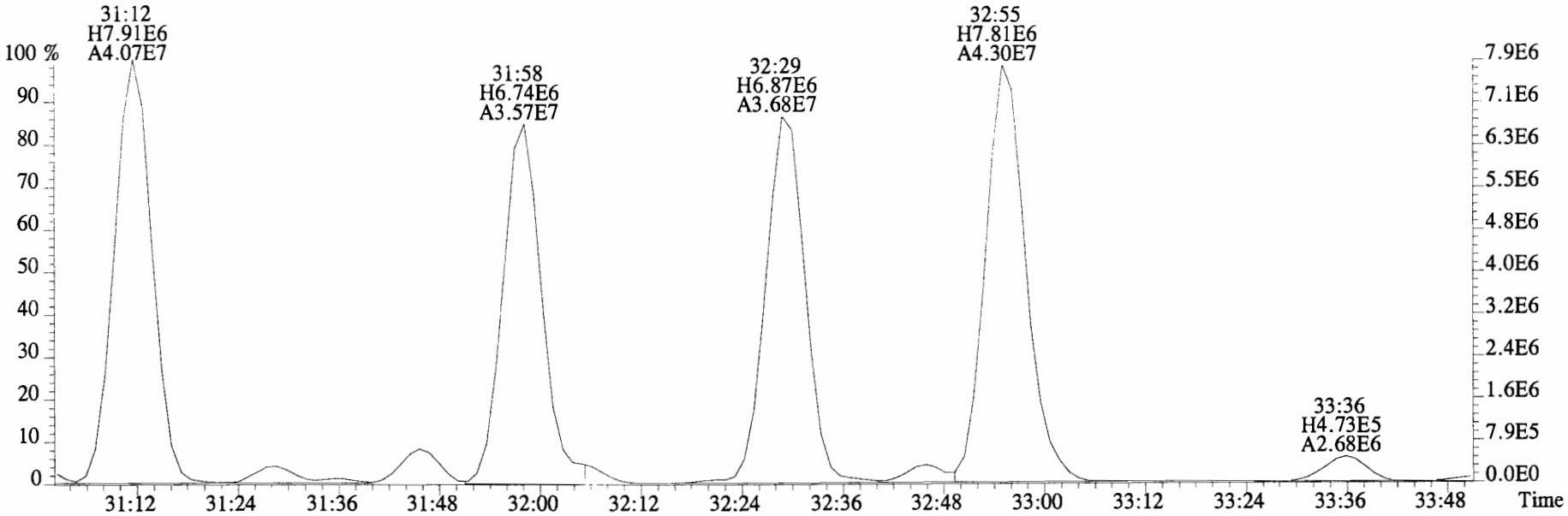
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17380.0,0.00%,F,F)



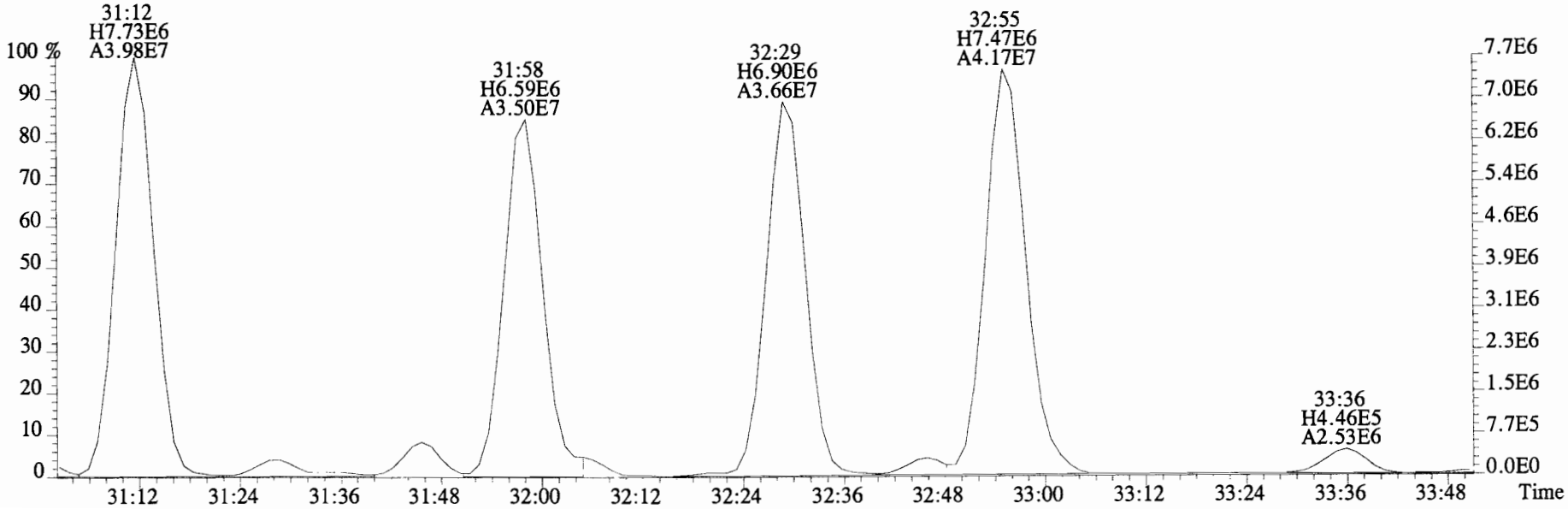
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16628.0,0.00%,F,F)



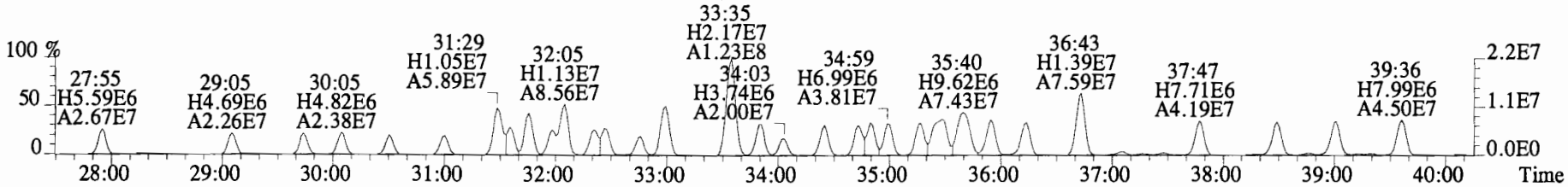
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17380.0,0.00%,F,F)



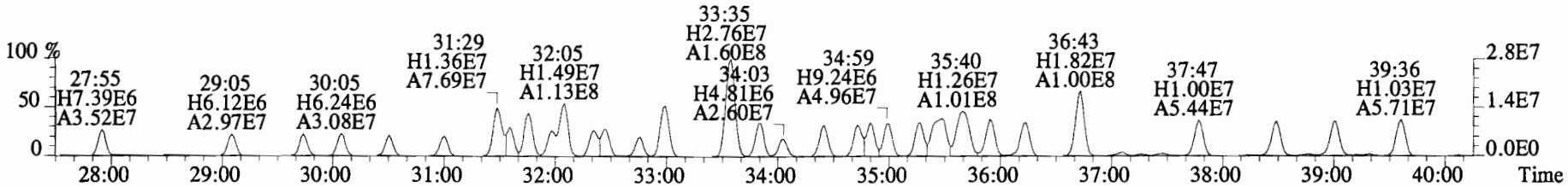
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16628.0,0.00%,F,F)



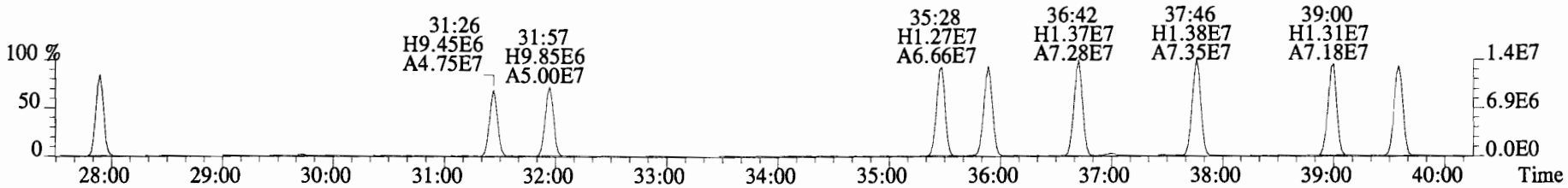
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voitage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20564.0,0.00%,F,F)



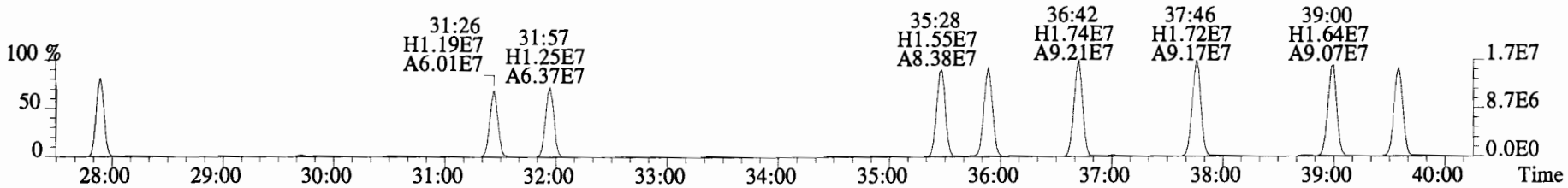
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26252.0,0.00%,F,F)



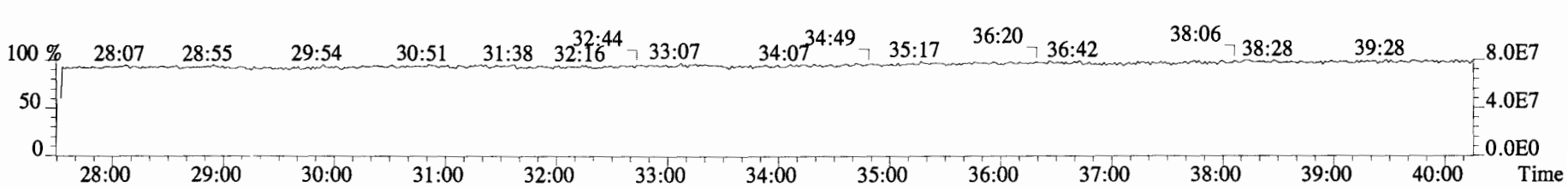
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59452.0,0.00%,F,F)



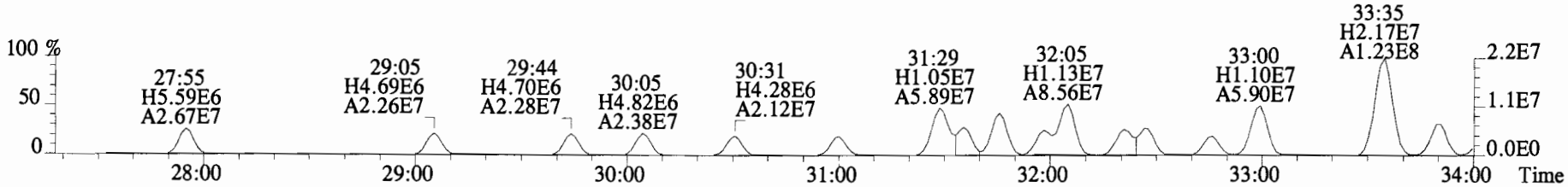
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30092.0,0.00%,F,F)



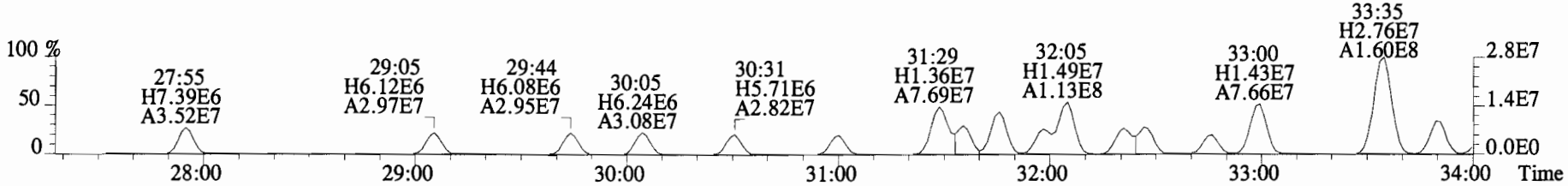
330.9792 S:3 F:3



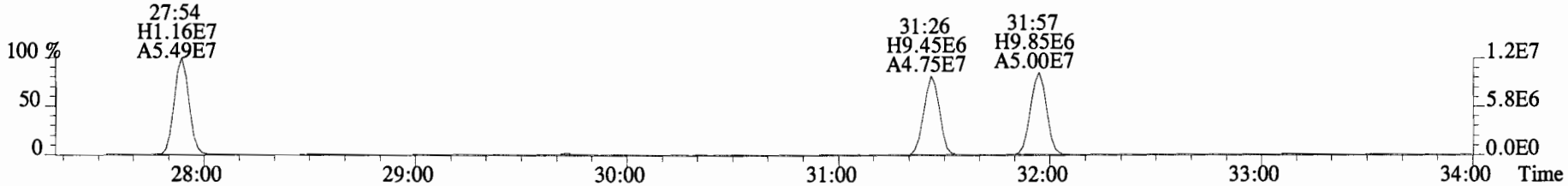
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20564.0,0.00%,F,F)



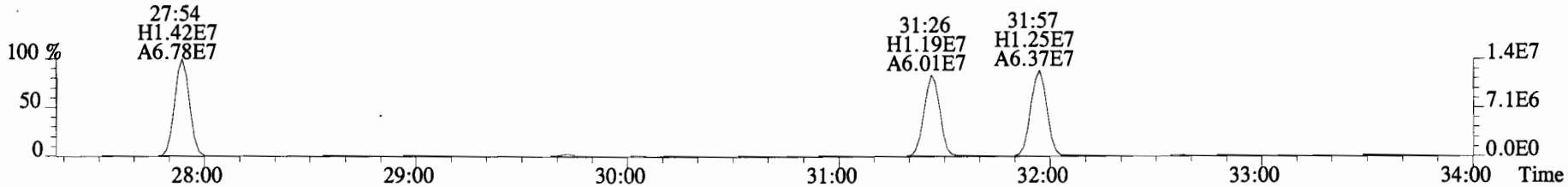
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26252.0,0.00%,F,F)



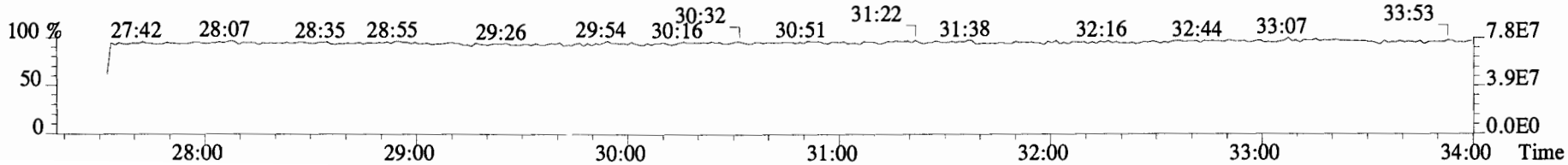
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59452.0,0.00%,F,F)



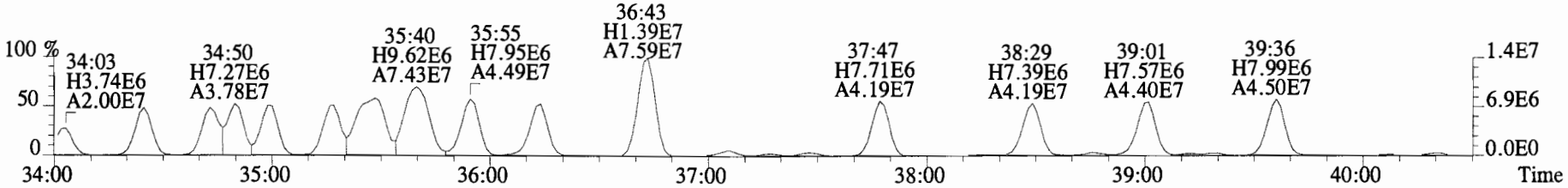
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30092.0,0.00%,F,F)



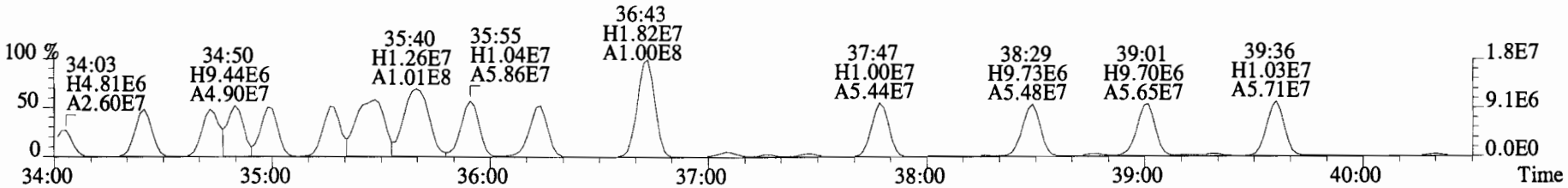
330.9792 S:3 F:3



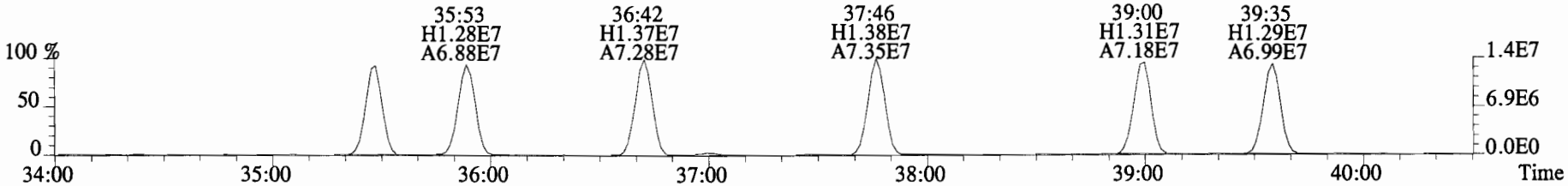
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20564.0,0.00%,F,F)



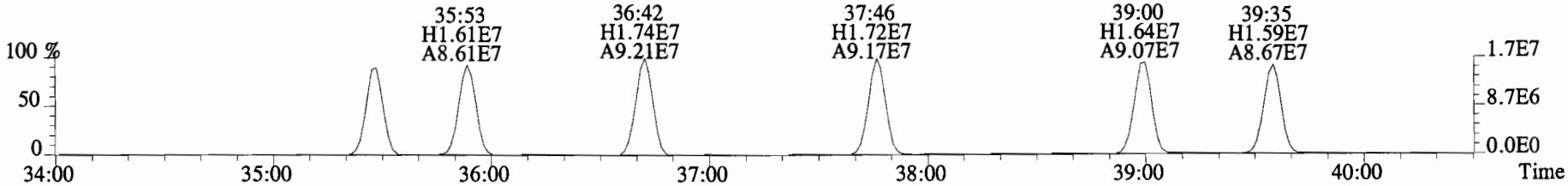
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26252.0,0.00%,F,F)



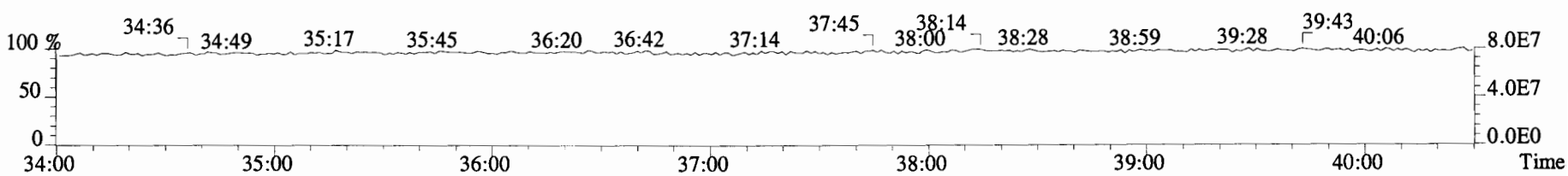
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59452.0,0.00%,F,F)



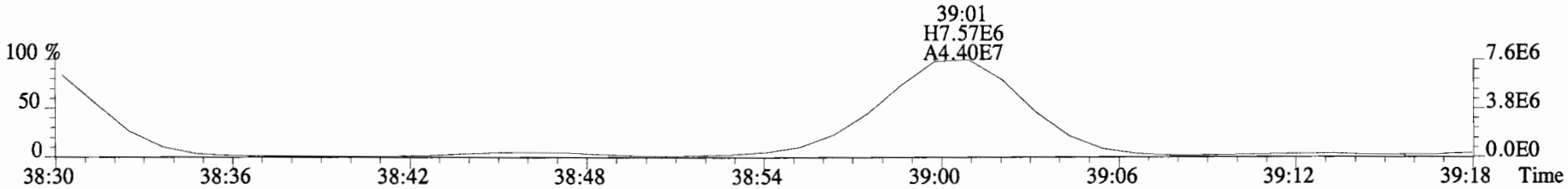
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30092.0,0.00%,F,F)



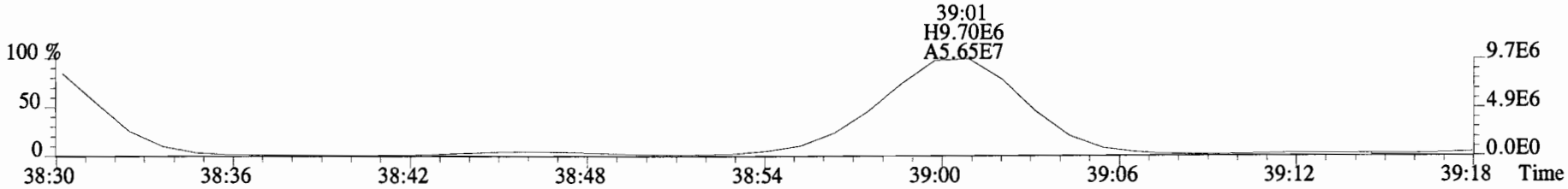
330.9792 S:3 F:3



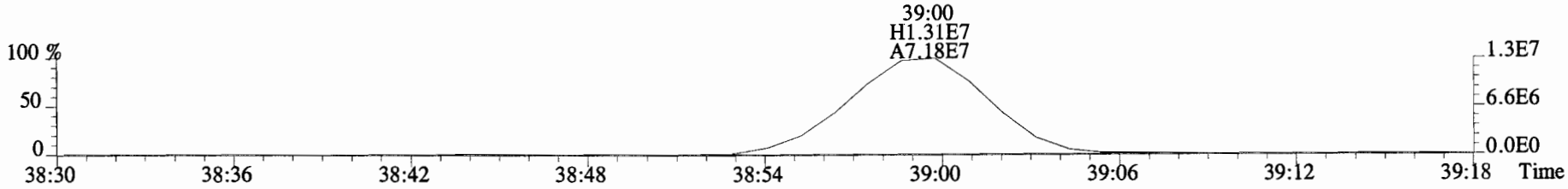
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20564.0,0.00%,F,F)



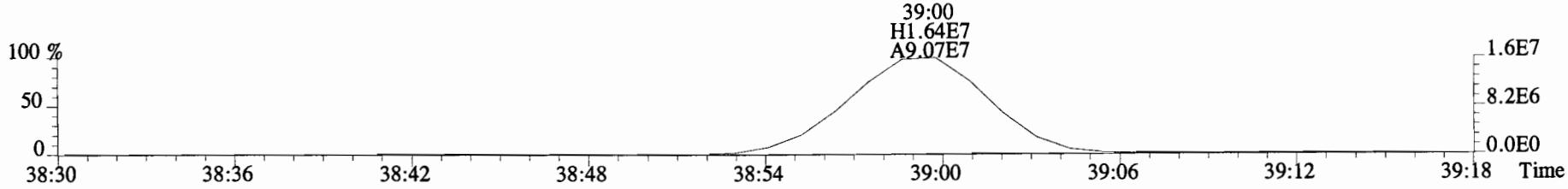
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26252.0,0.00%,F,F)



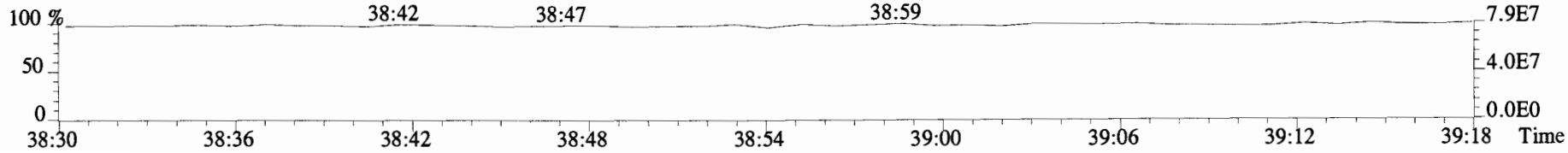
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59452.0,0.00%,F,F)



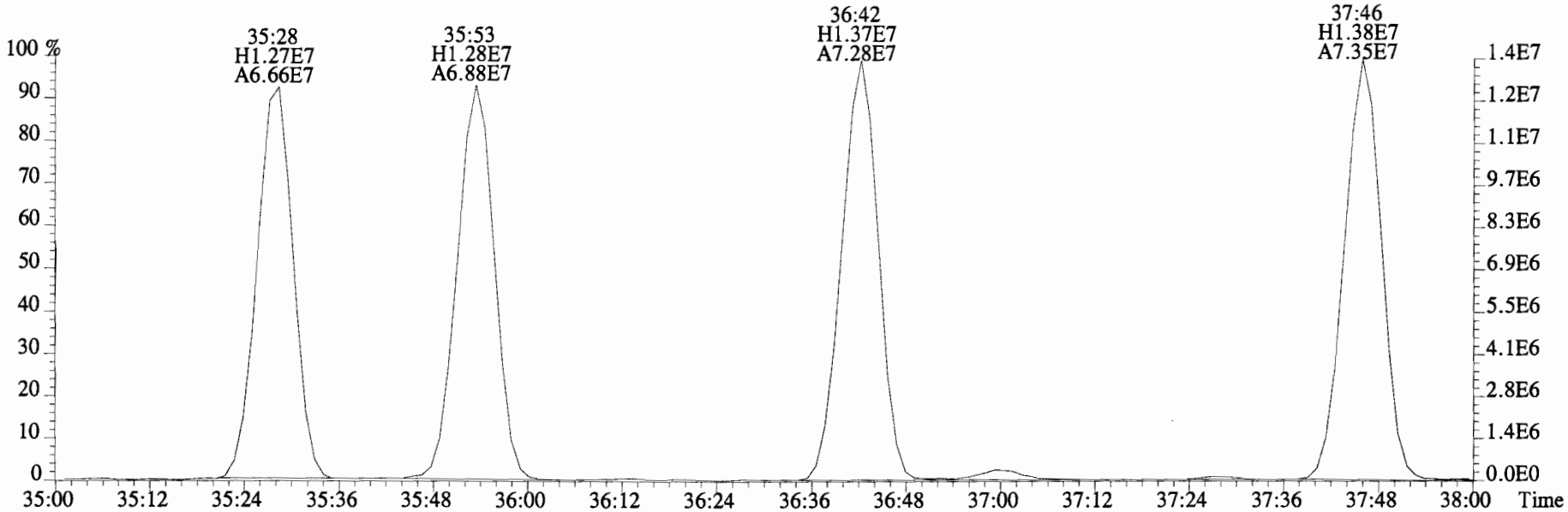
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30092.0,0.00%,F,F)



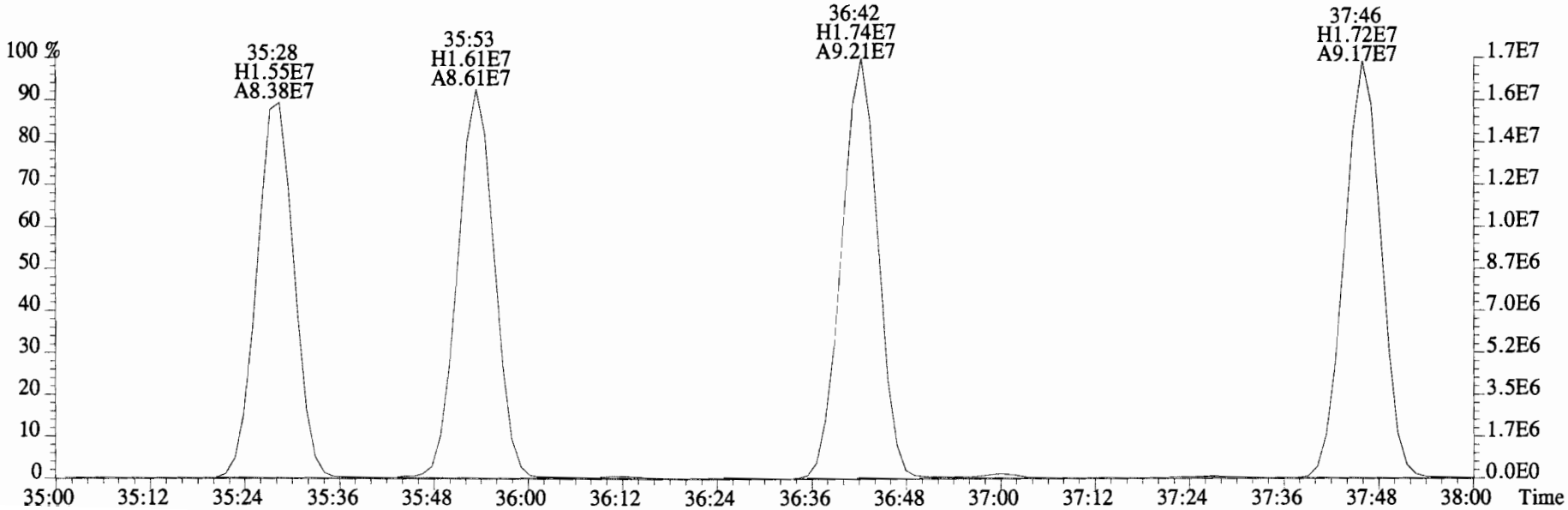
330.9792 S:3 F:3



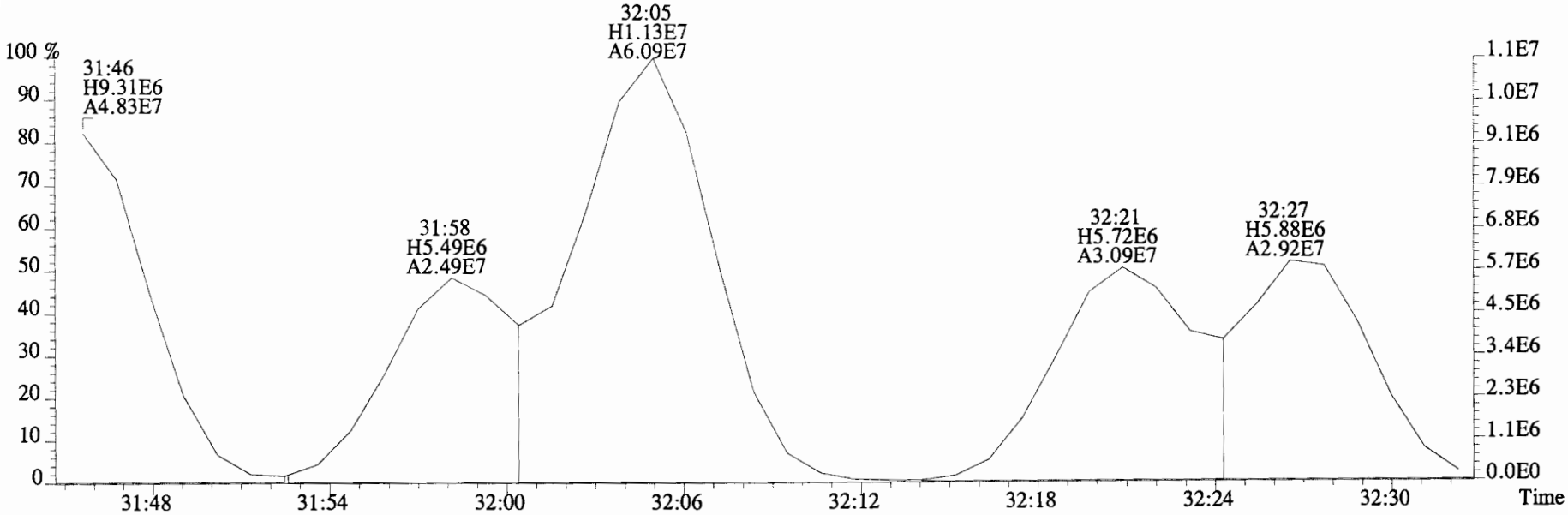
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59452.0,0.00%,F,F)



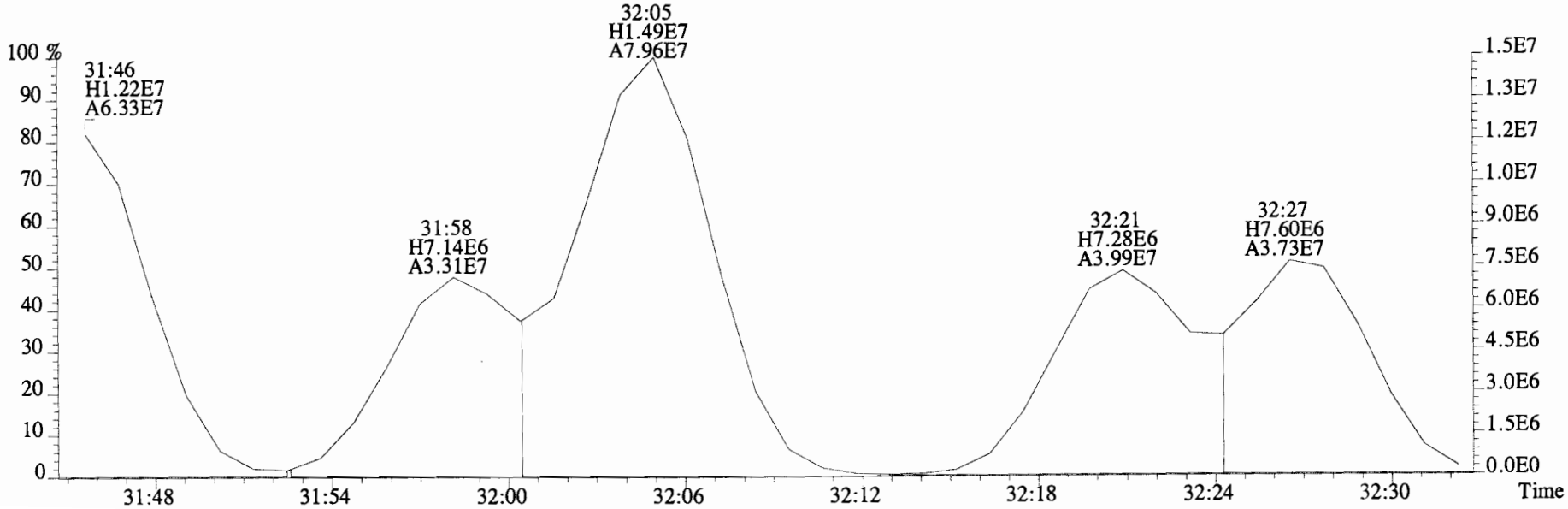
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30092.0,0.00%,F,F)



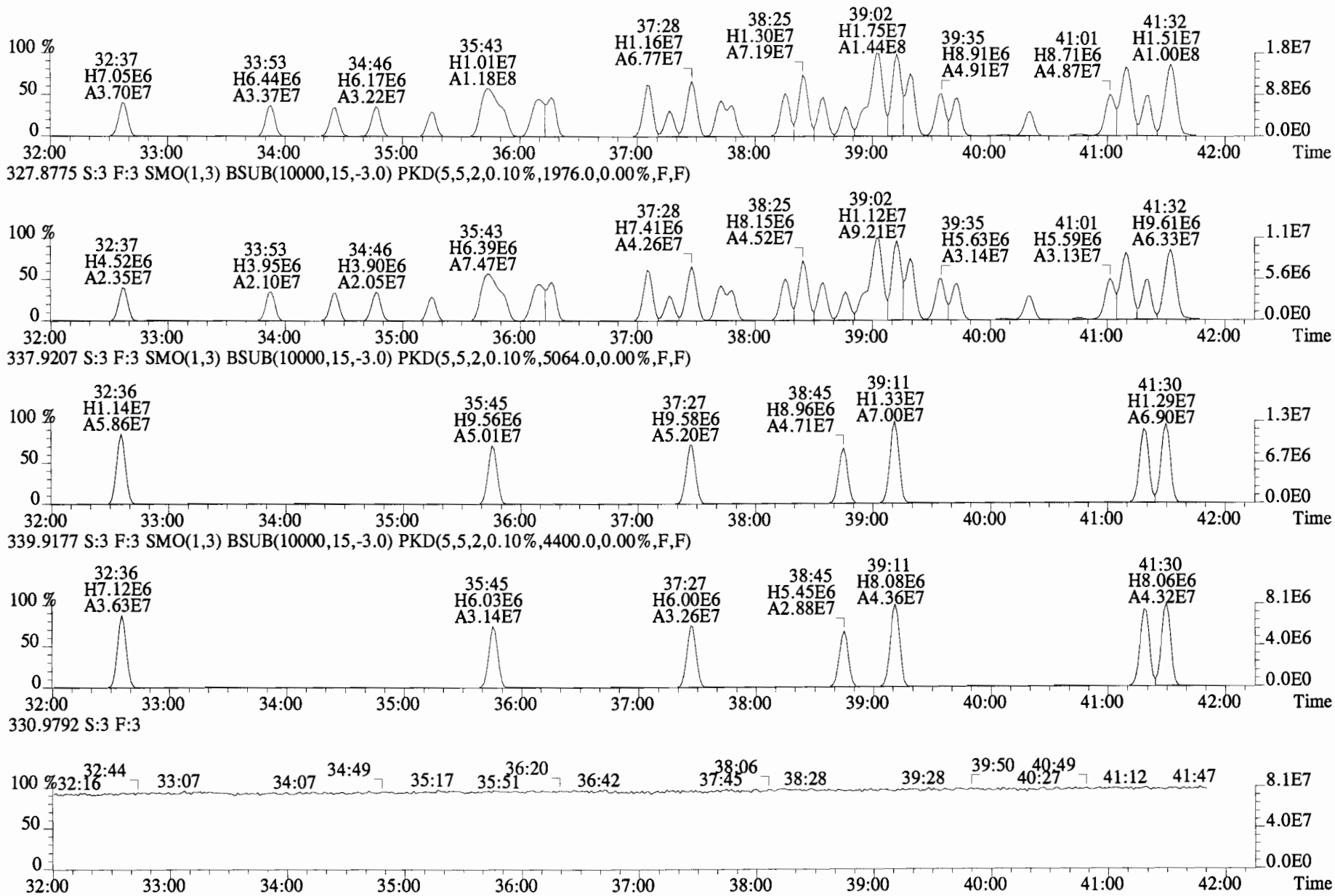
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20564.0,0.00%,F,F)



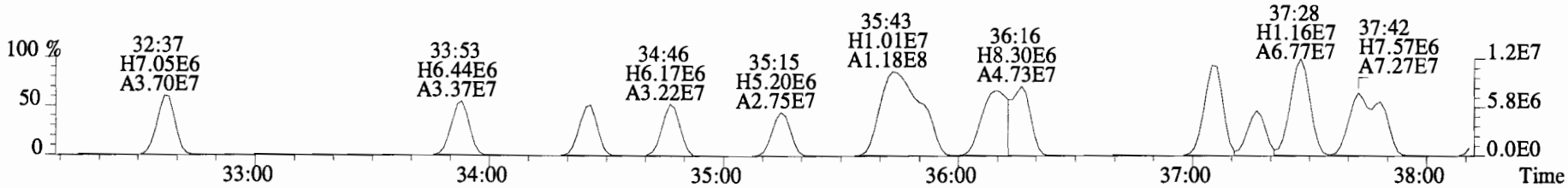
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26252.0,0.00%,F,F)



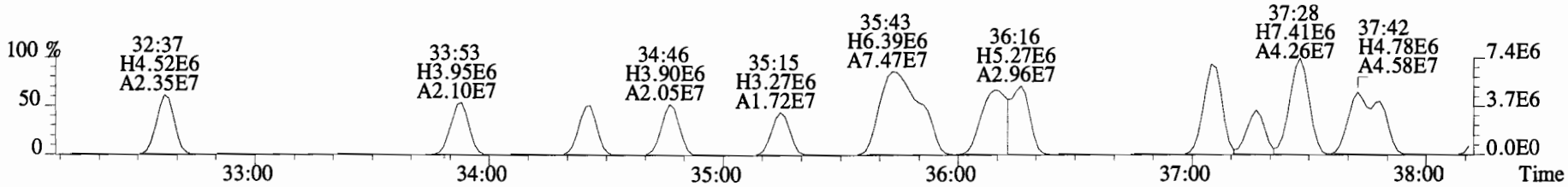
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1



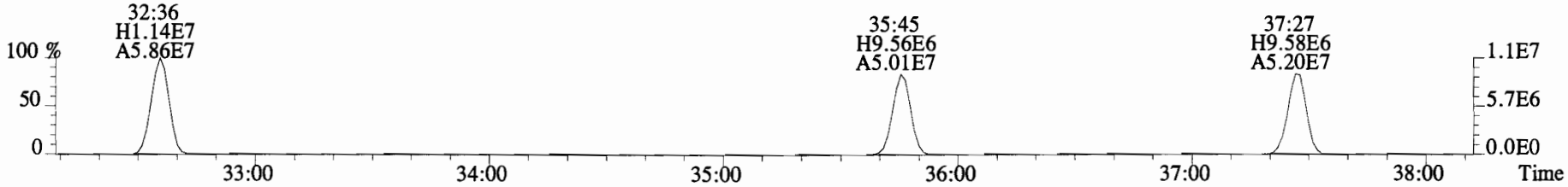
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



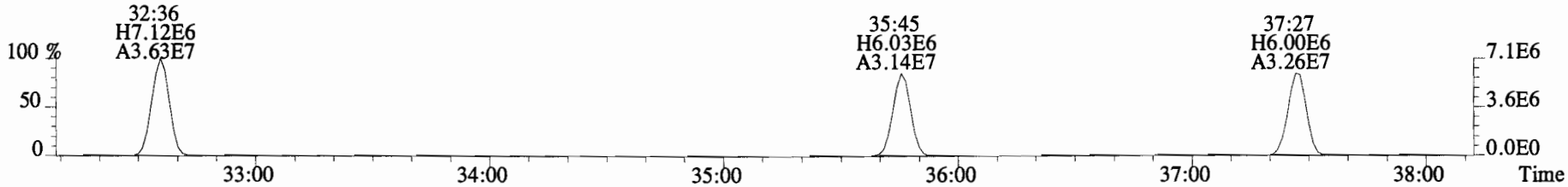
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1976.0,0.00%,F,F)



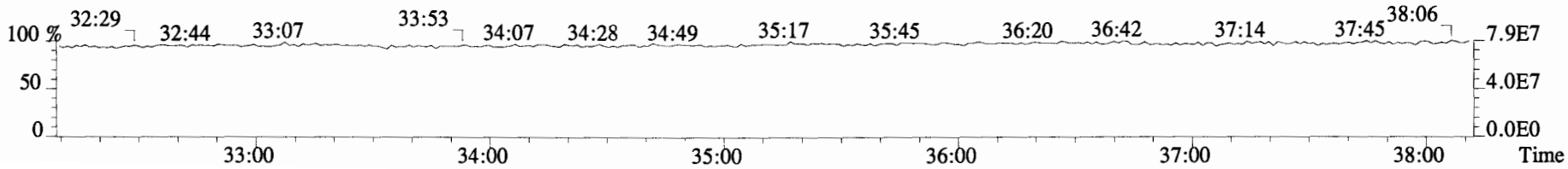
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5064.0,0.00%,F,F)



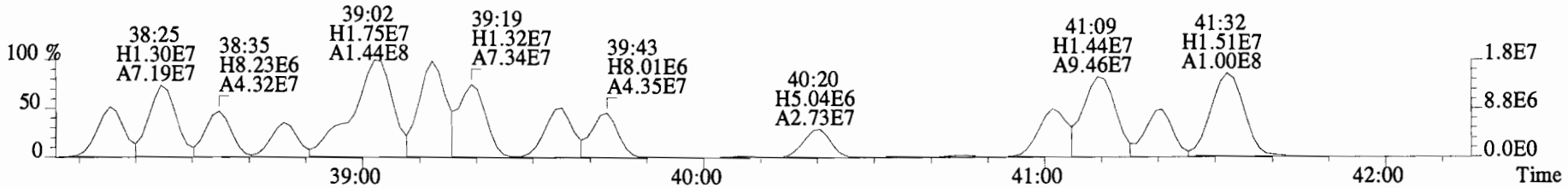
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4400.0,0.00%,F,F)



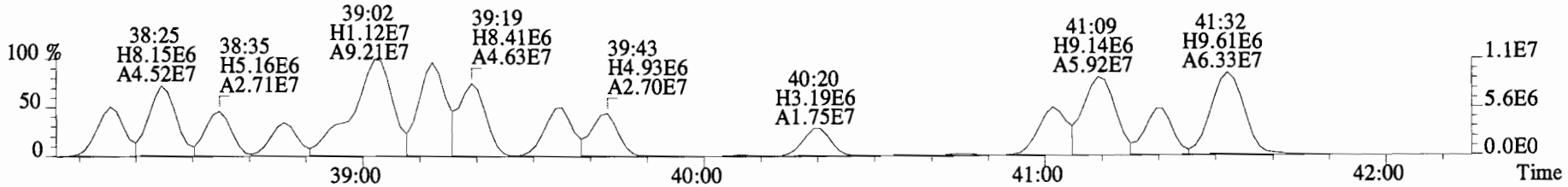
330.9792 S:3 F:3



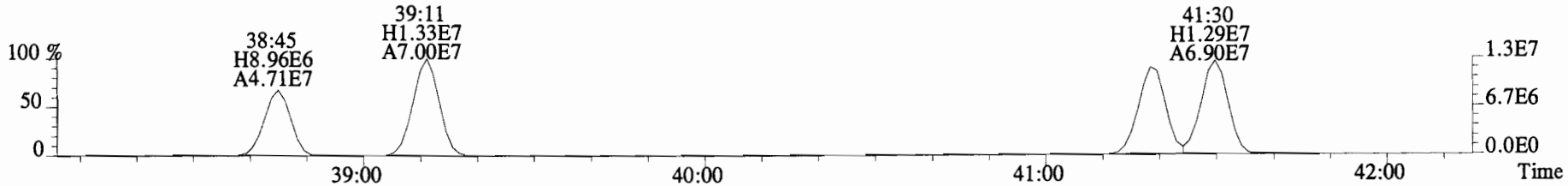
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



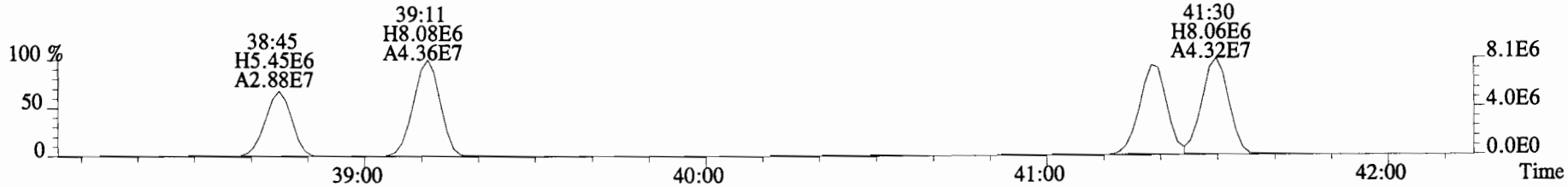
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1976.0,0.00%,F,F)



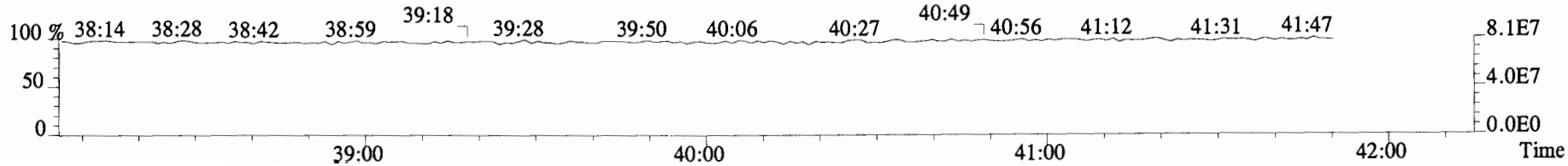
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5064.0,0.00%,F,F)



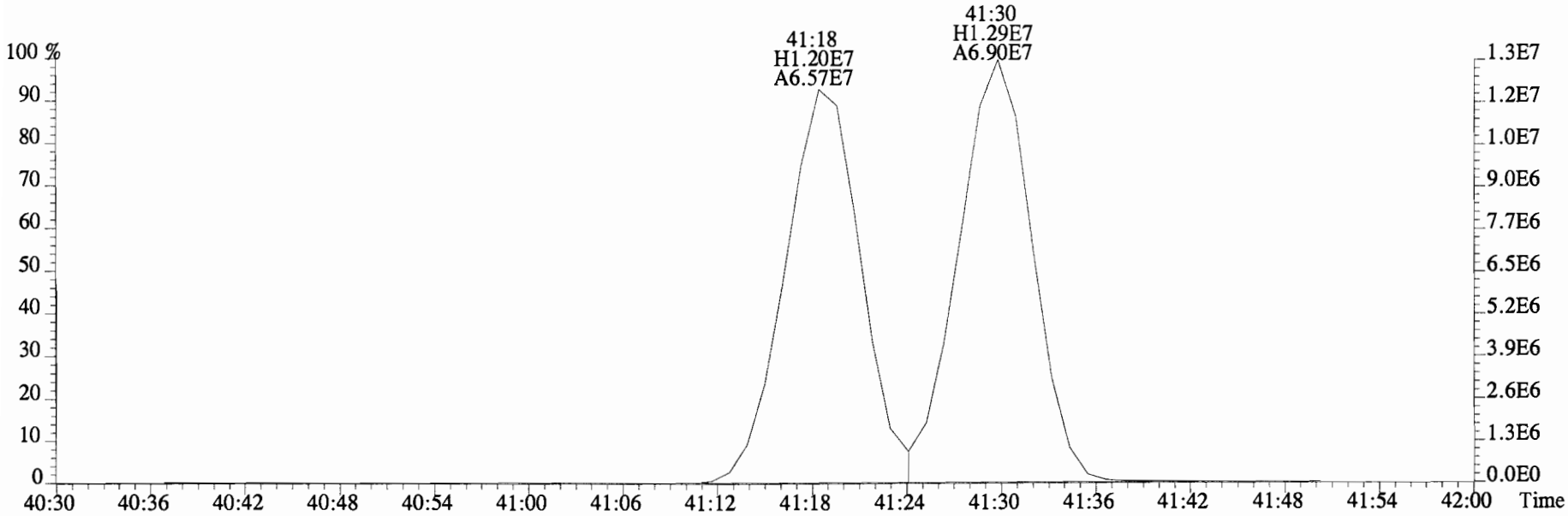
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4400.0,0.00%,F,F)



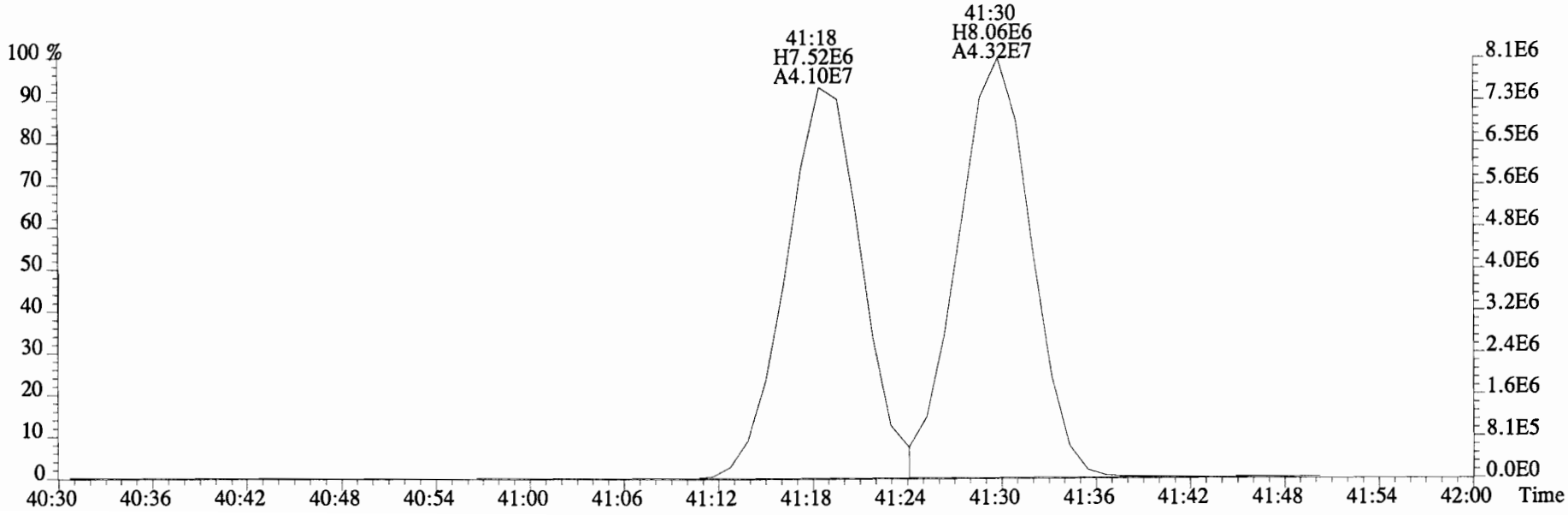
330.9792 S:3 F:3



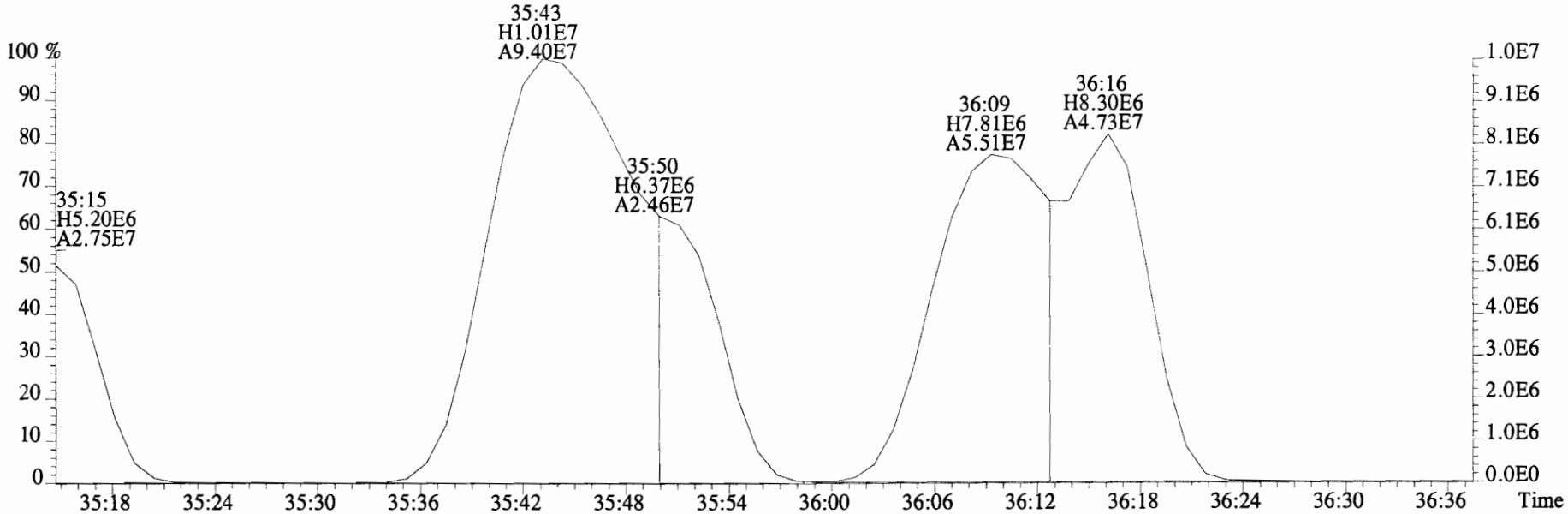
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5064.0,0.00%,F,F)



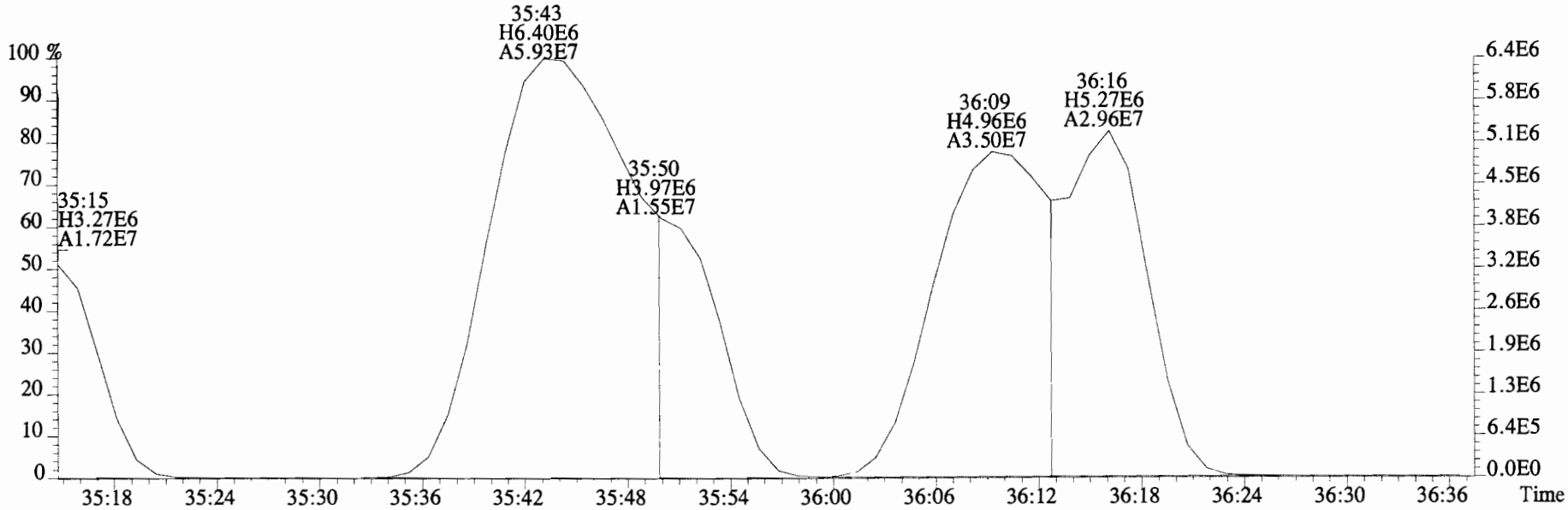
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4400.0,0.00%,F,F)



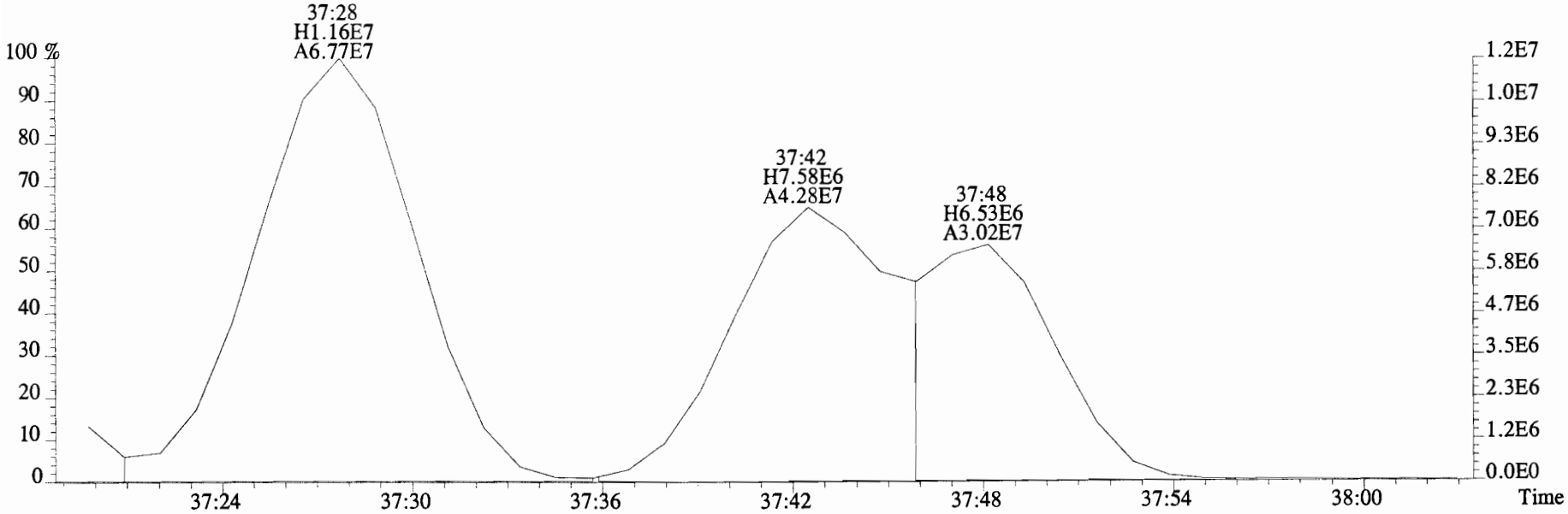
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



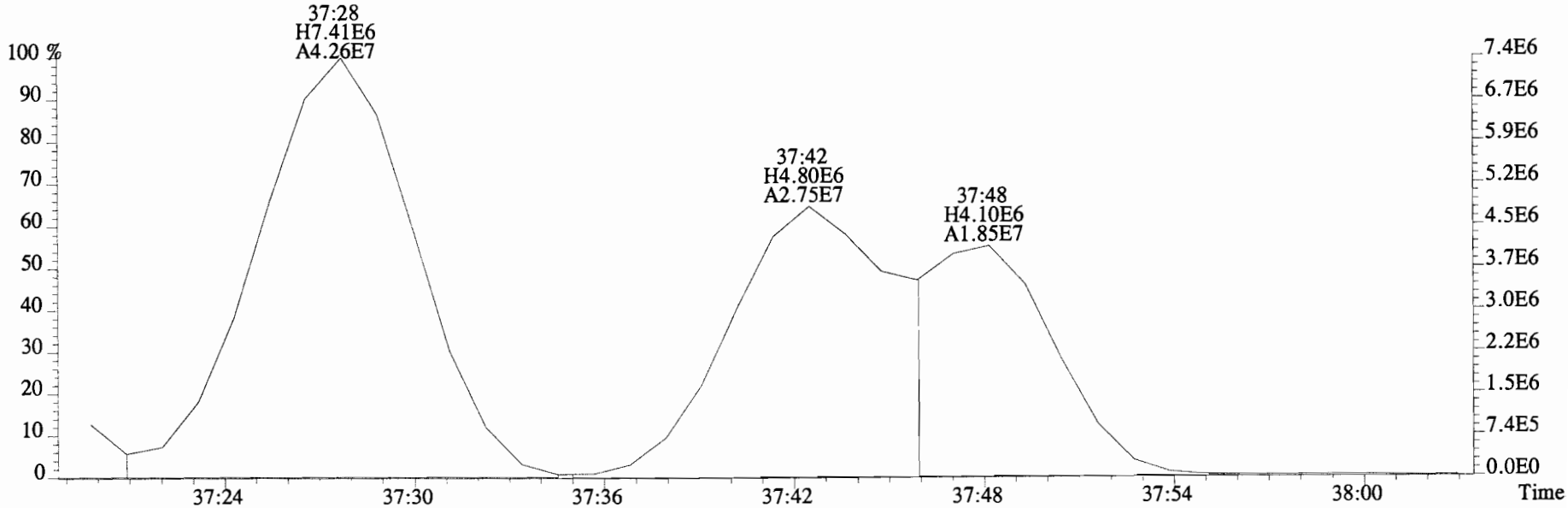
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1976.0,0.00%,F,F)



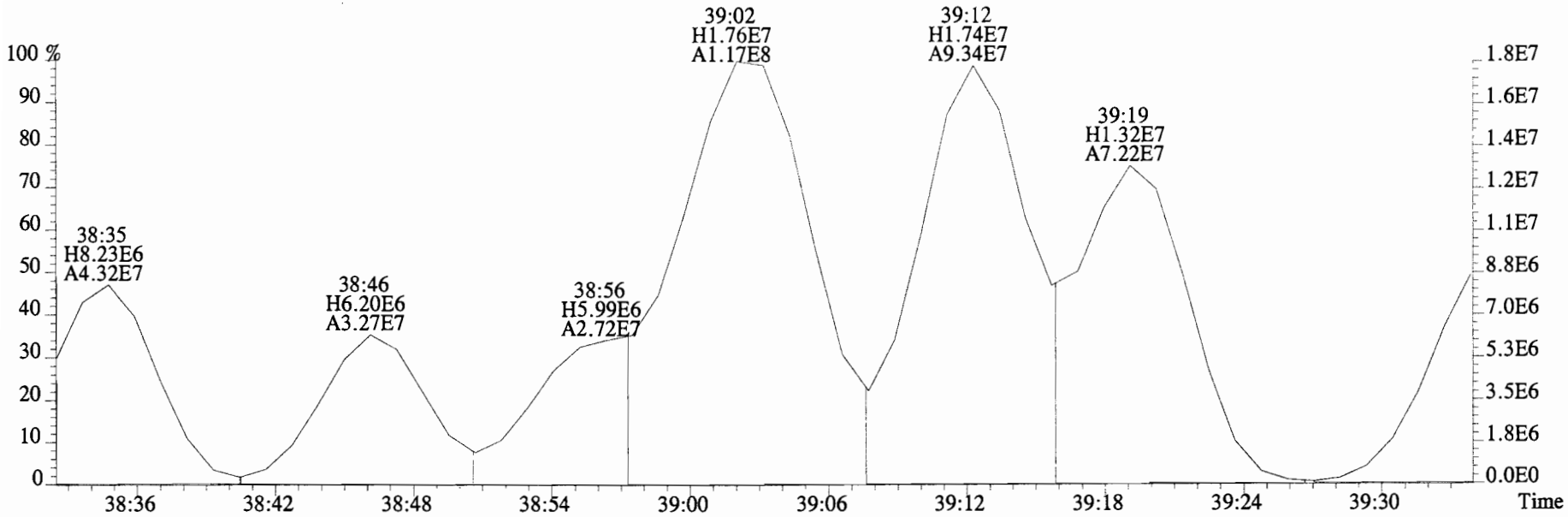
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



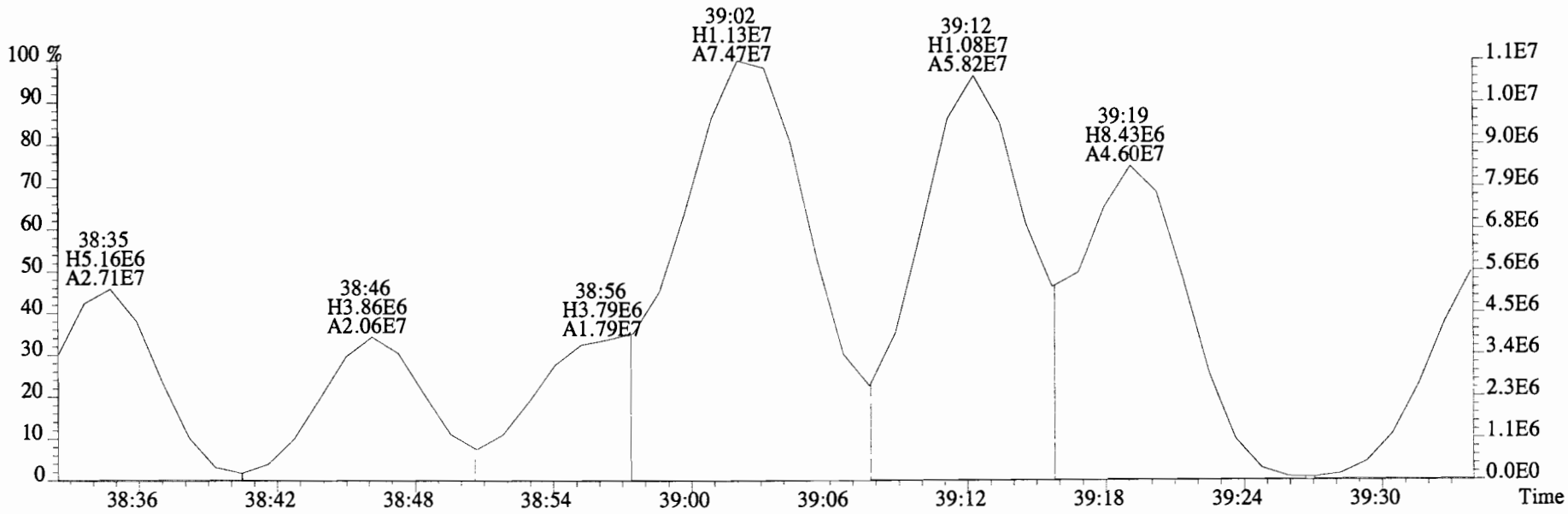
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1976.0,0.00%,F,F)



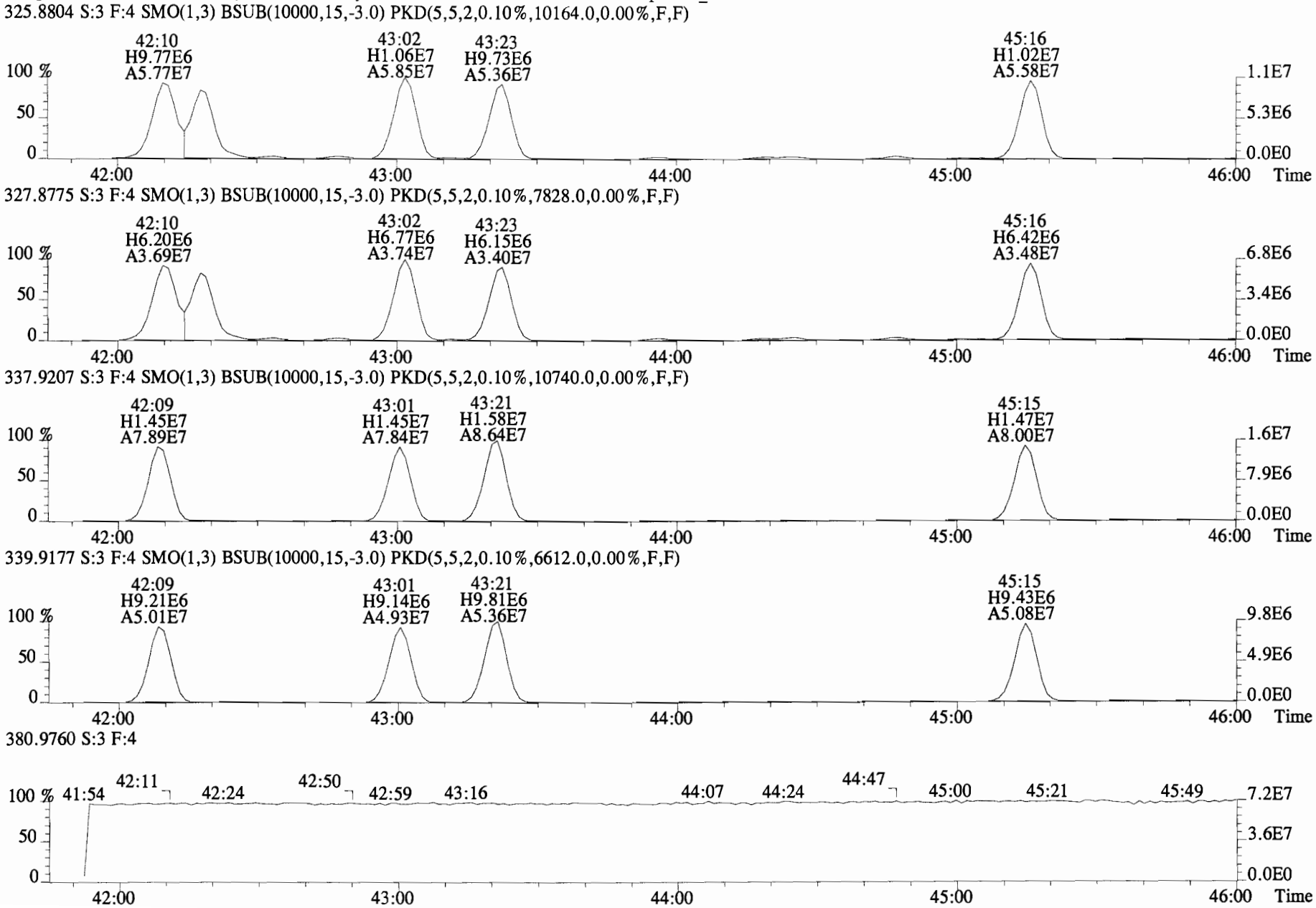
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



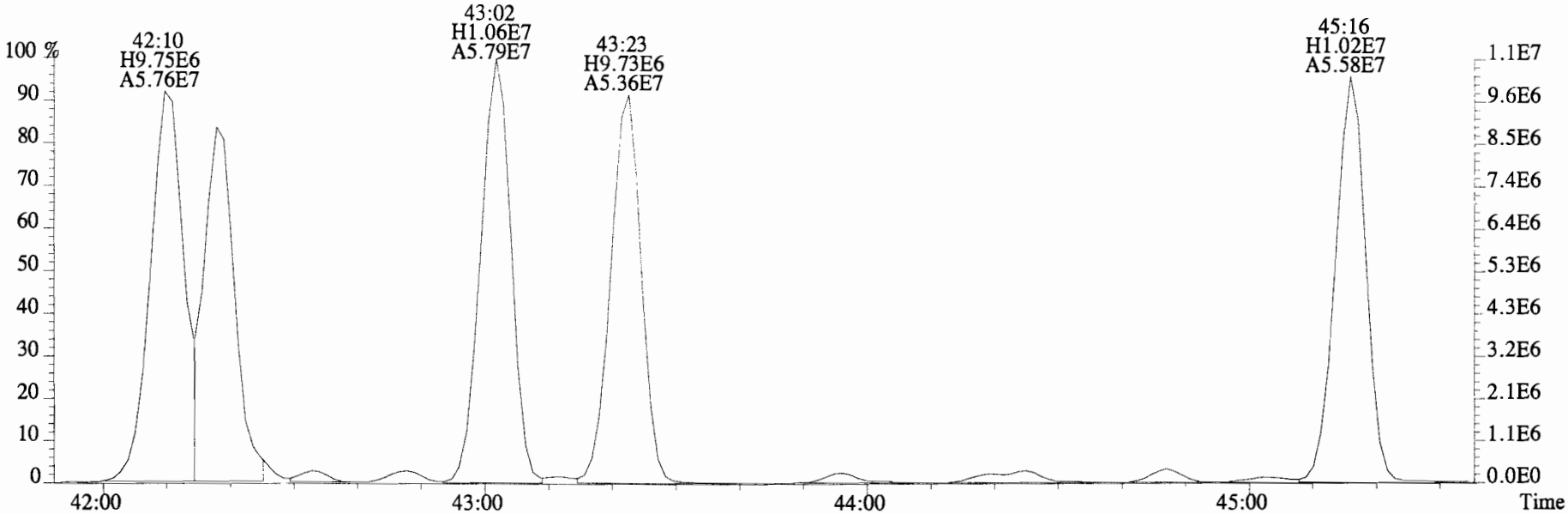
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1976.0,0.00%,F,F)



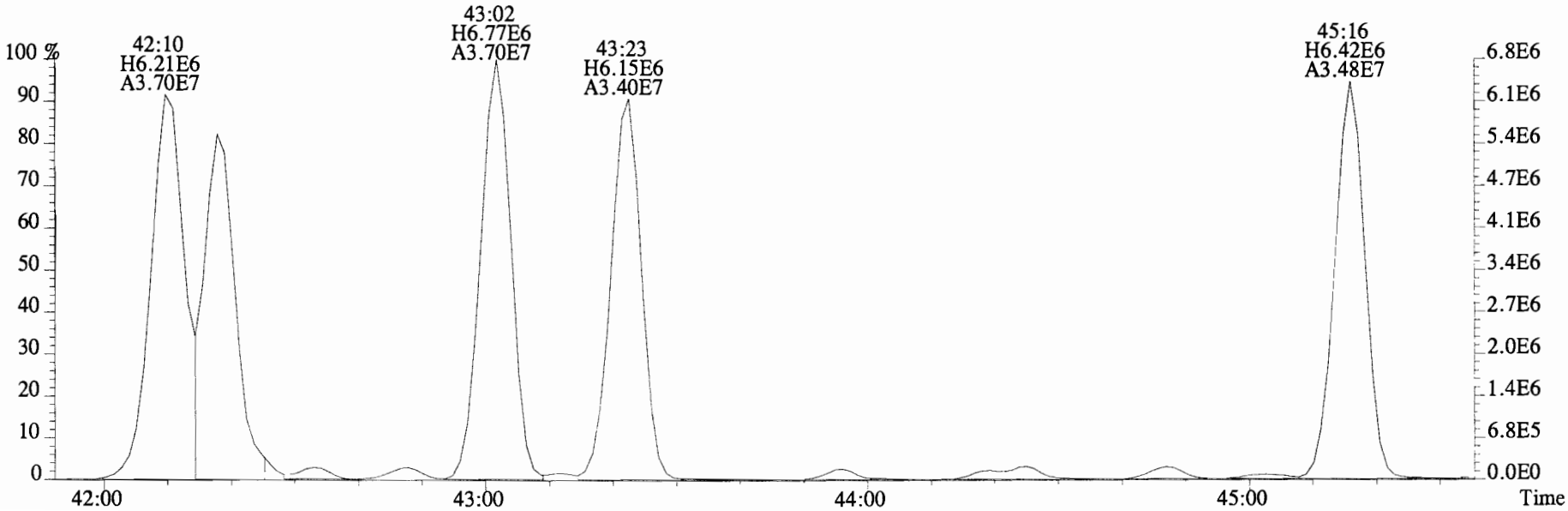
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1



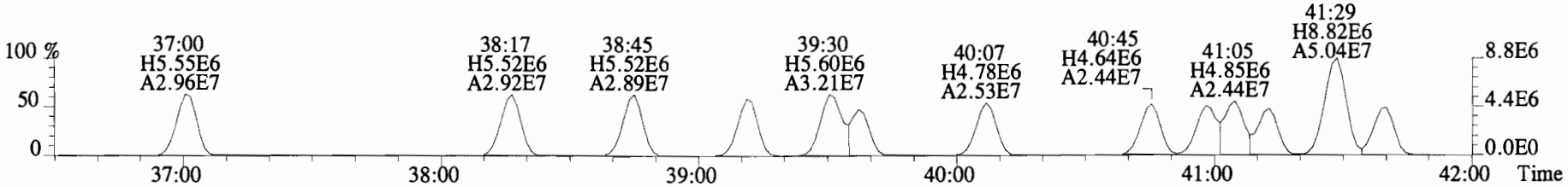
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10164.0,0.00%,F,F)



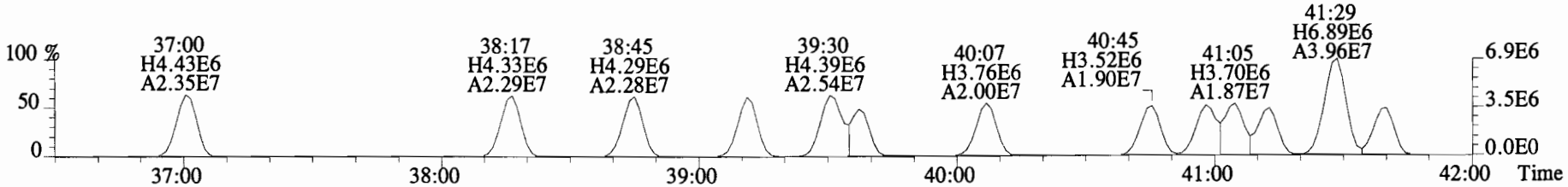
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7828.0,0.00%,F,F)



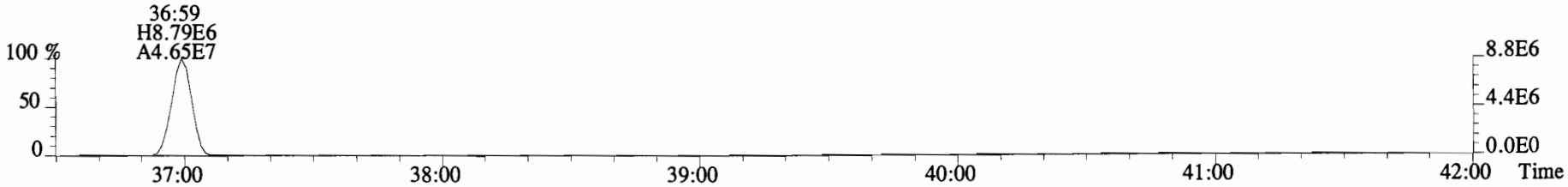
File:180110E1 #1-756 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1936.0,0.00%,F,F)



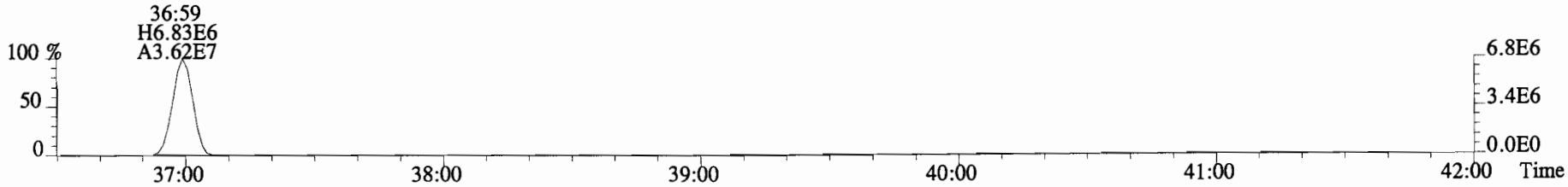
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1652.0,0.00%,F,F)



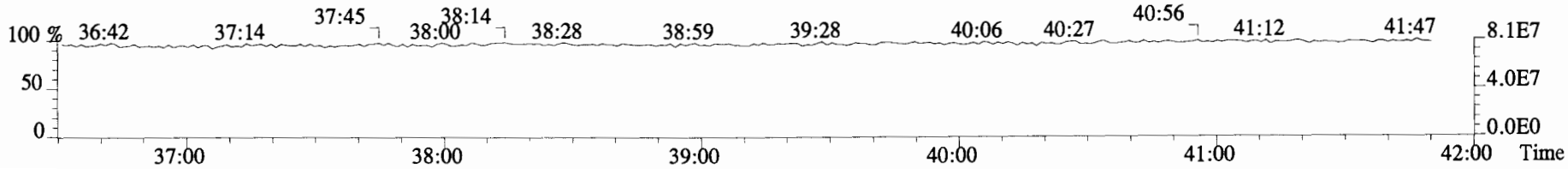
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2680.0,0.00%,F,F)



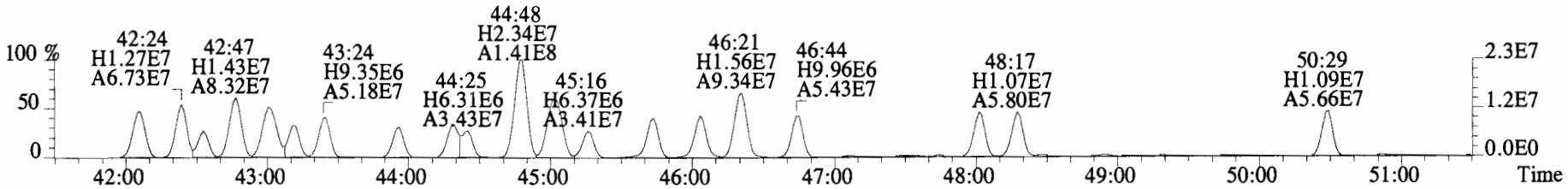
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2948.0,0.00%,F,F)



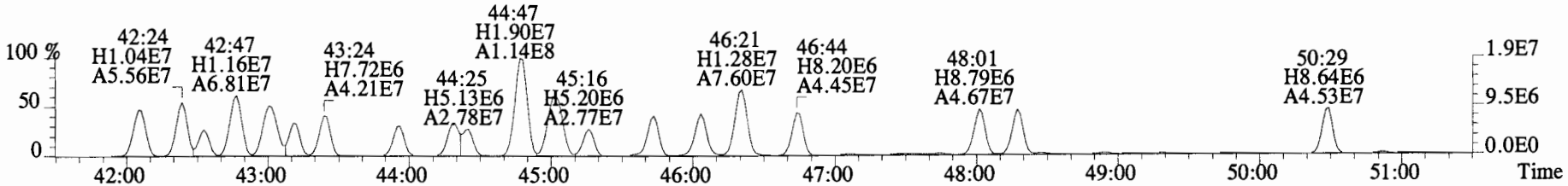
330.9792 S:3 F:3



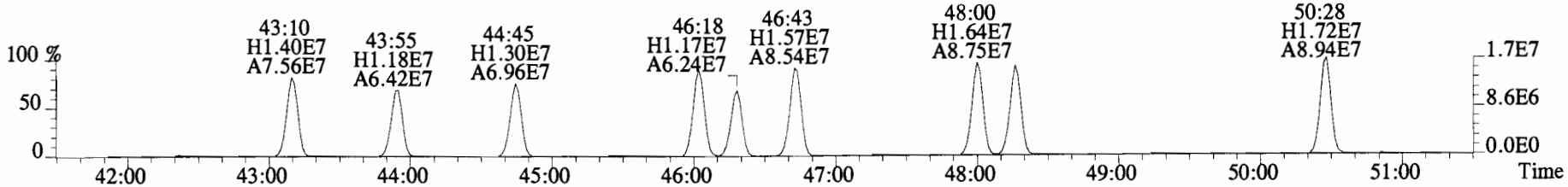
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49284.0,0.00%,F,F)



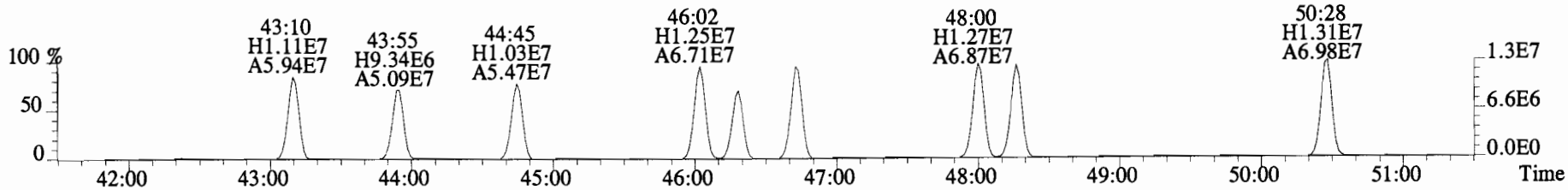
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39340.0,0.00%,F,F)



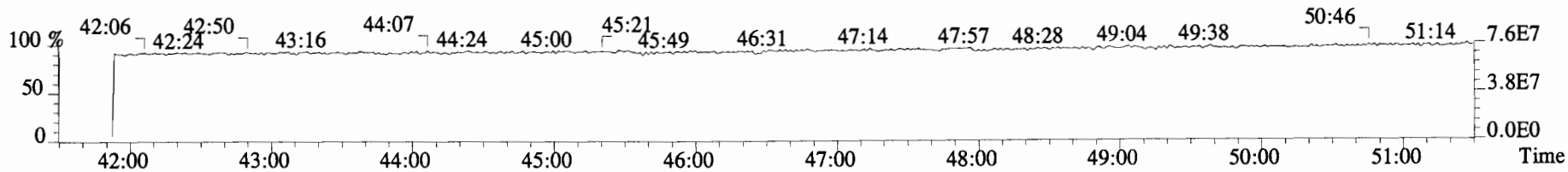
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11588.0,0.00%,F,F)



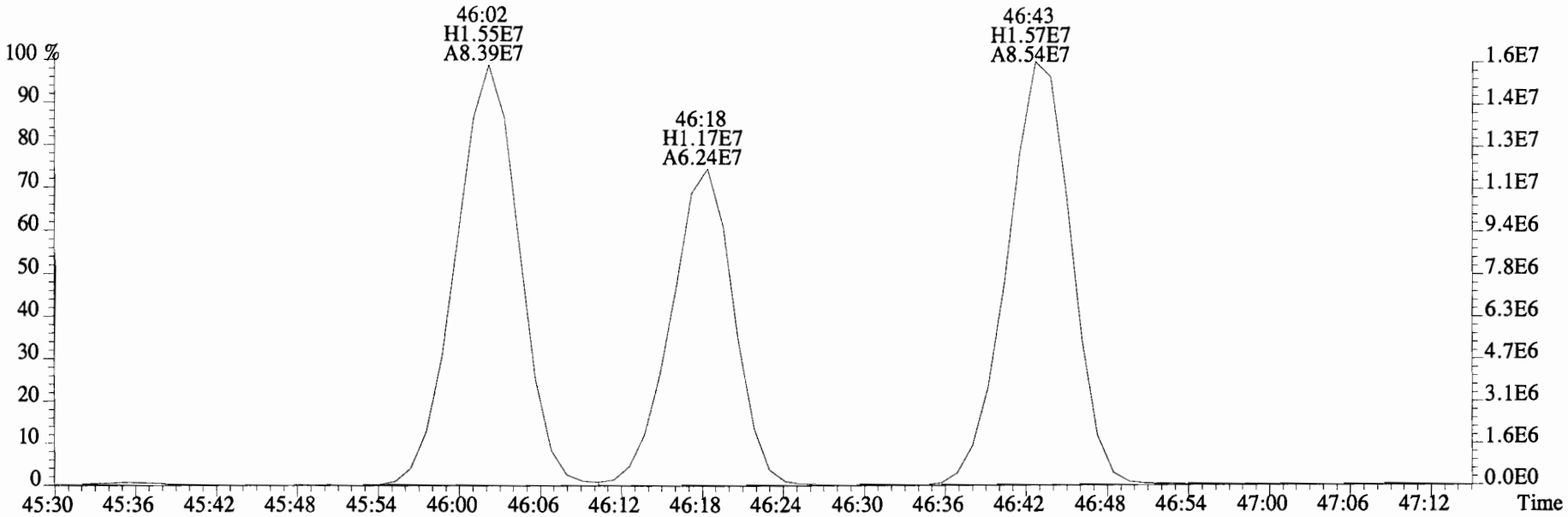
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11712.0,0.00%,F,F)



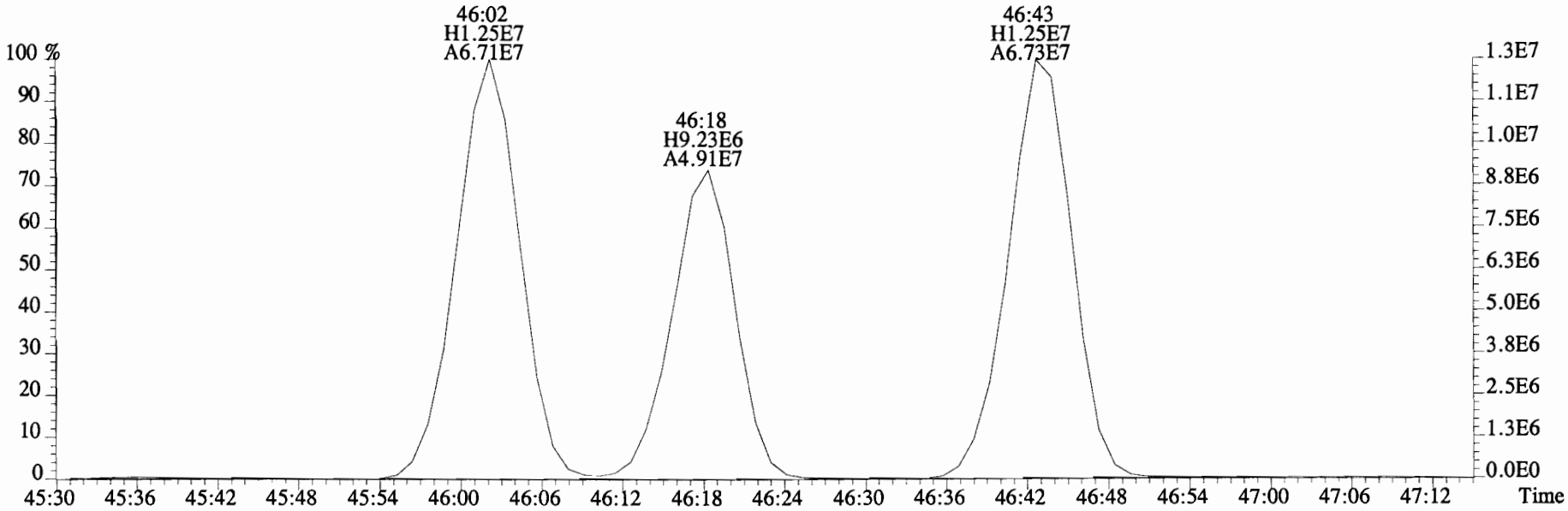
380.9760 S:3 F:4



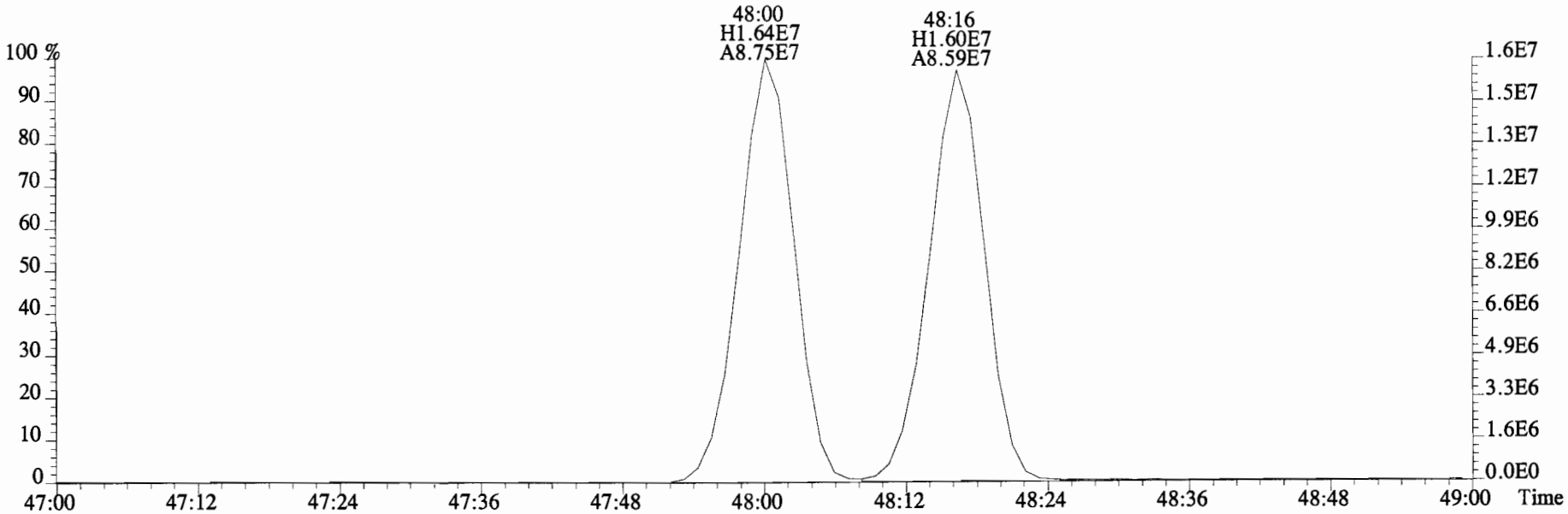
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11588.0,0.00%,F,F)



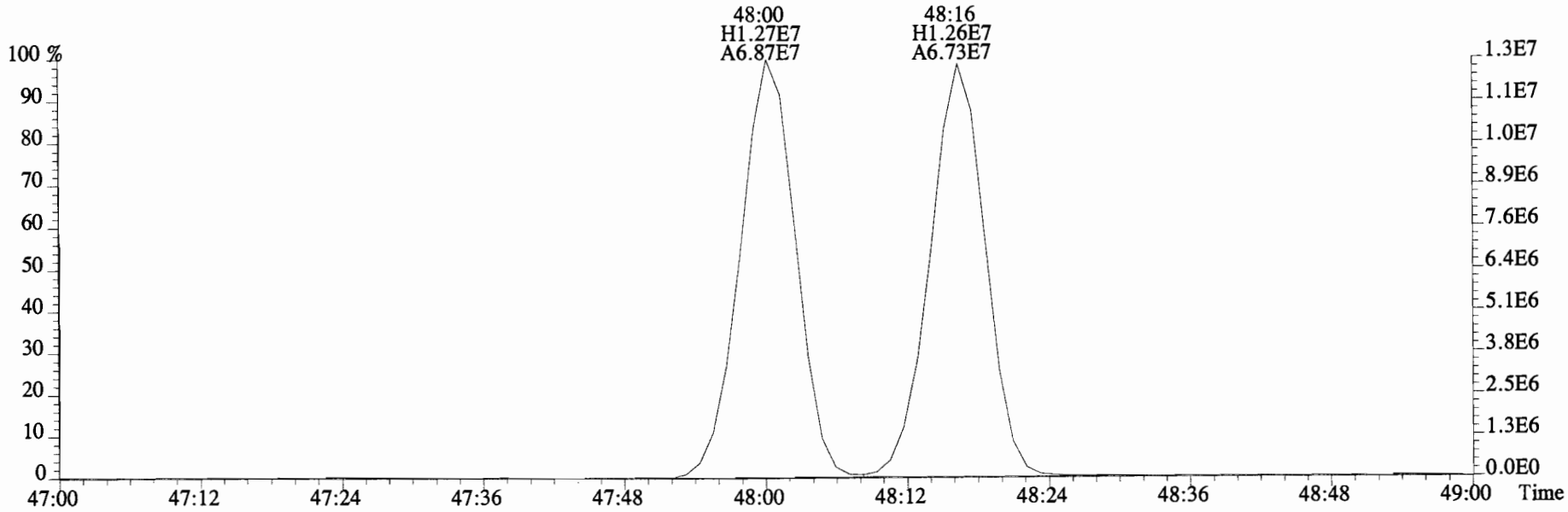
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11712.0,0.00%,F,F)



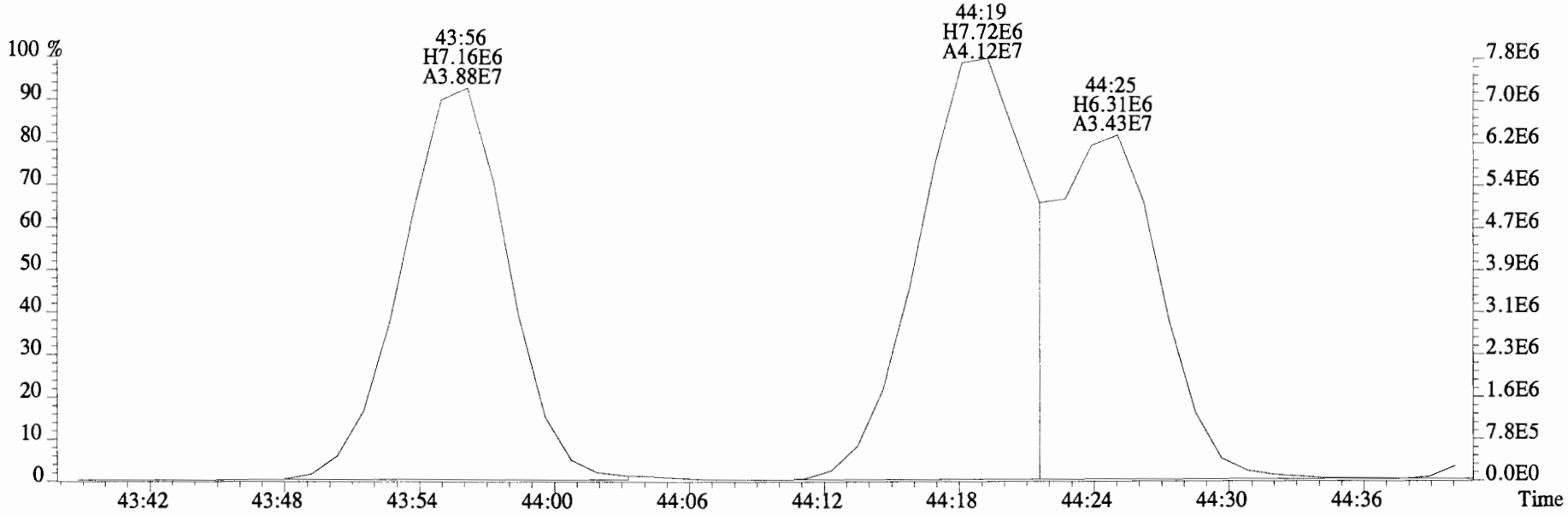
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11588.0,0.00%,F,F)



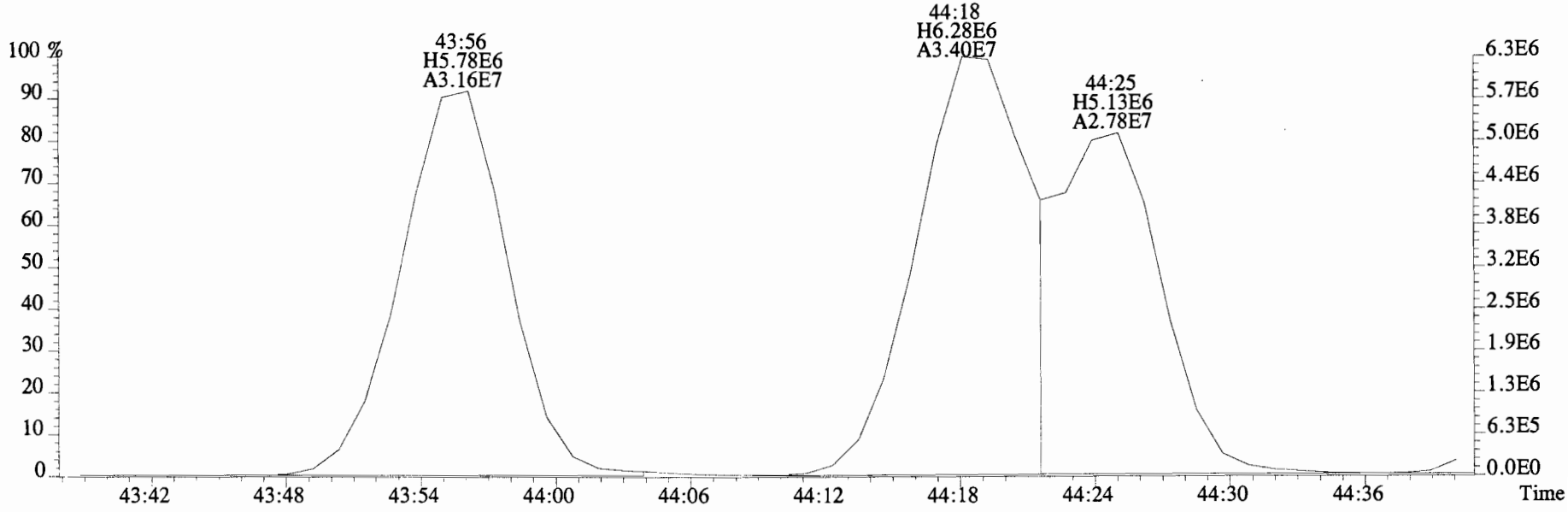
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11712.0,0.00%,F,F)



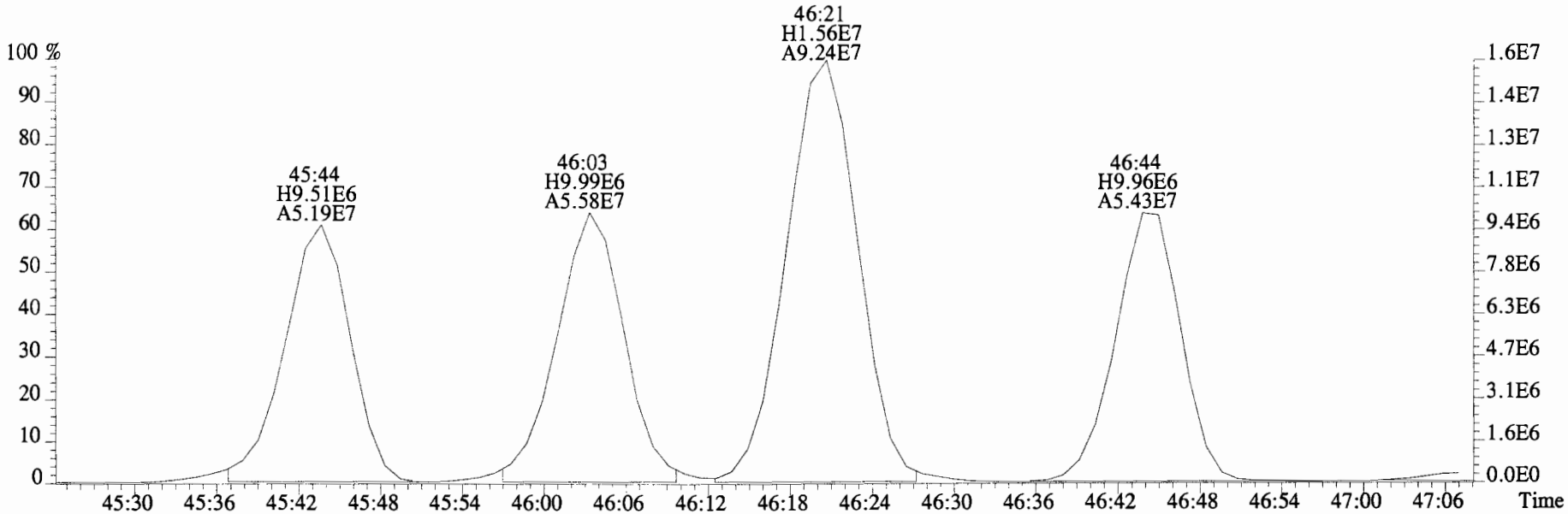
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49284.0,0.00%,F,F)



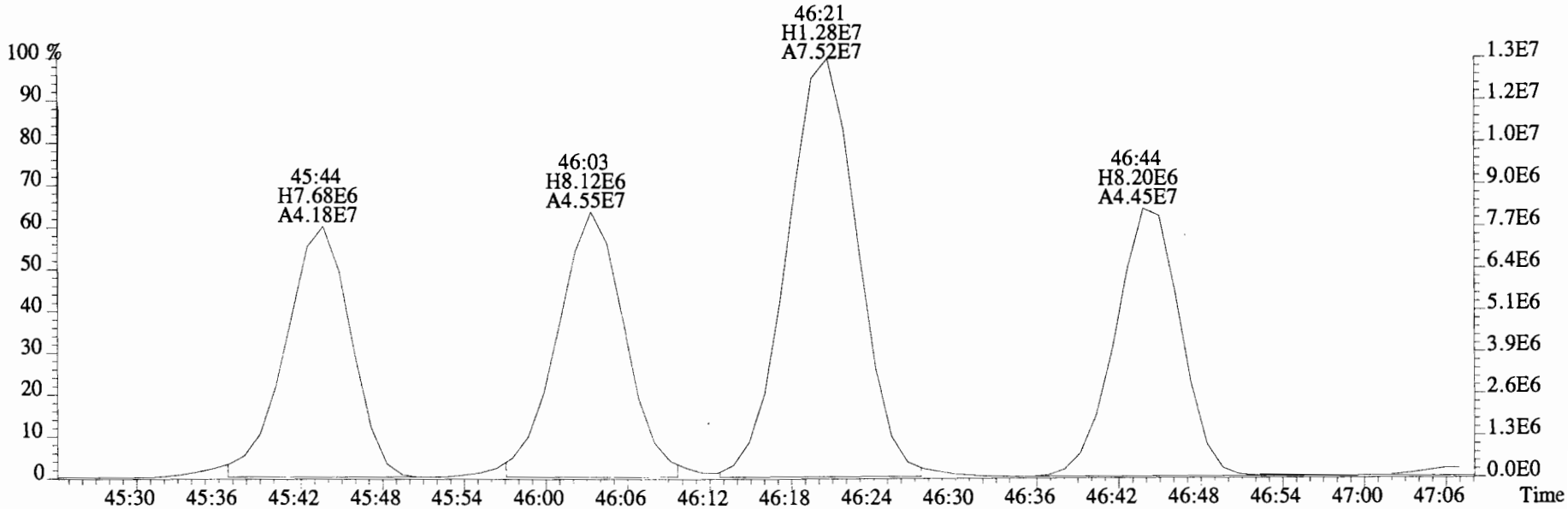
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39340.0,0.00%,F,F)



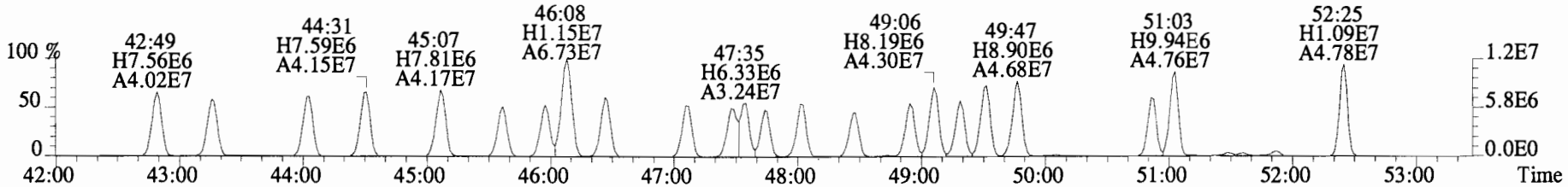
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49284.0,0.00%,F,F)



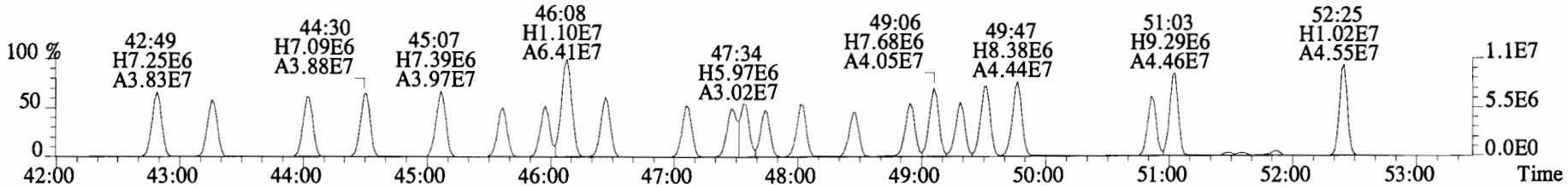
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39340.0,0.00%,F,F)



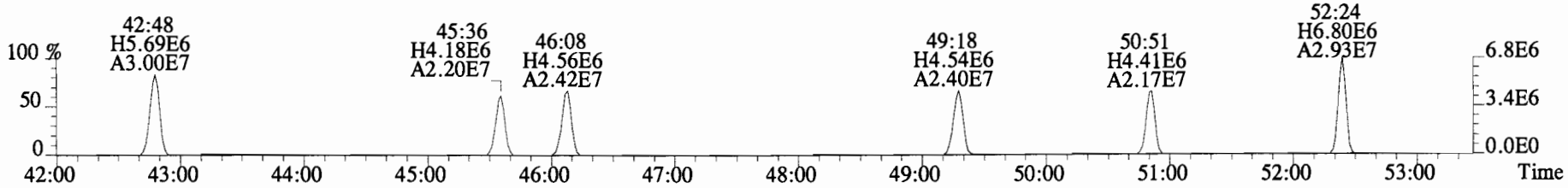
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18648.0,0.00%,F,F)



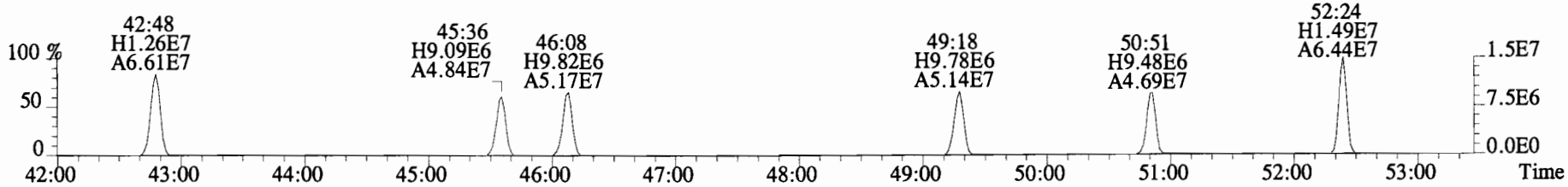
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11152.0,0.00%,F,F)



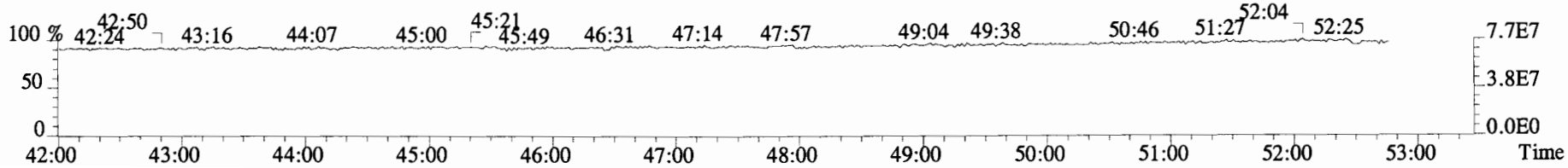
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4048.0,0.00%,F,F)



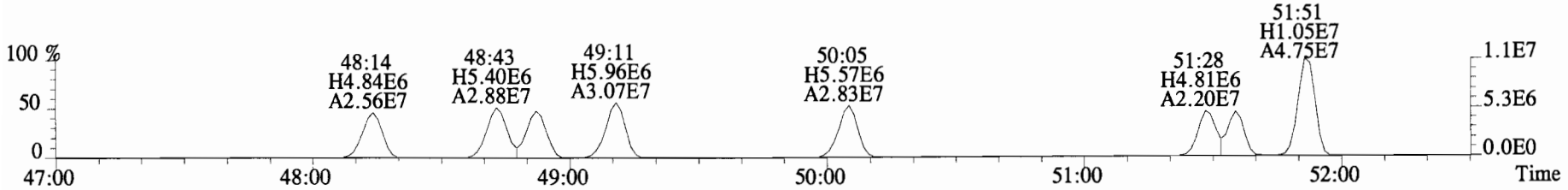
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9036.0,0.00%,F,F)



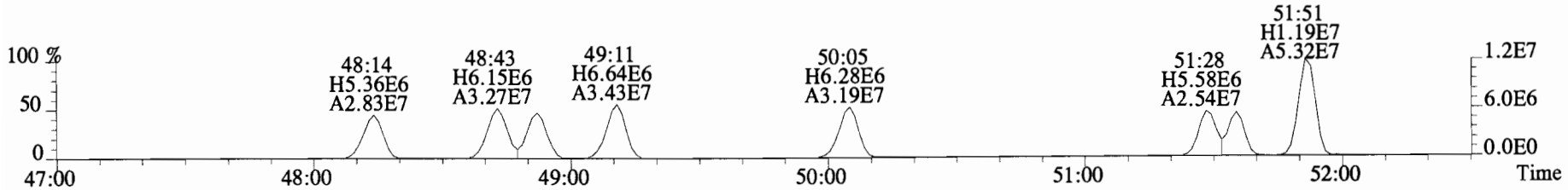
380.9760 S:3 F:4



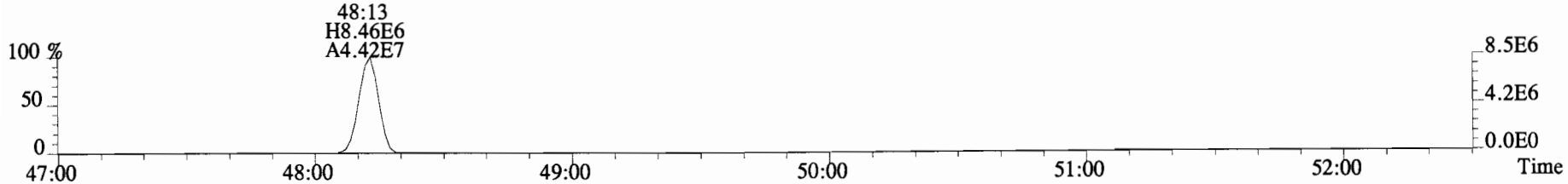
File:180110E1 #1-566 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1564.0,0.00%,F,F)



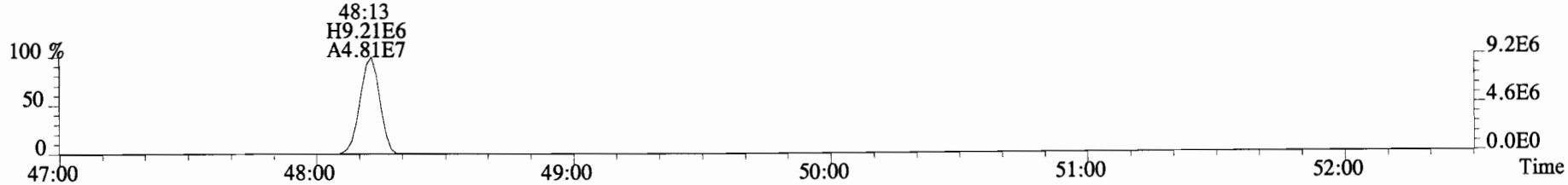
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1688.0,0.00%,F,F)



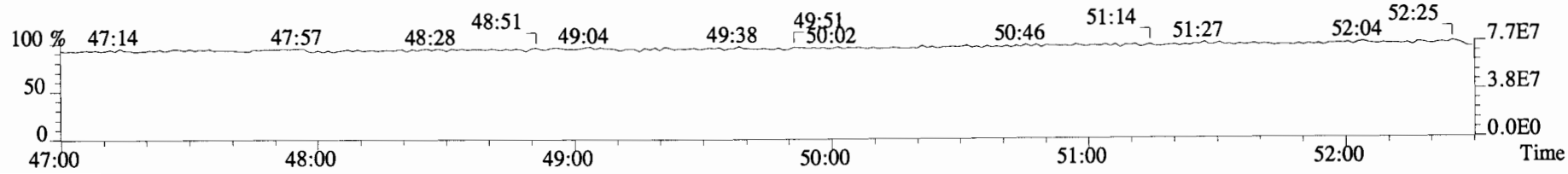
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



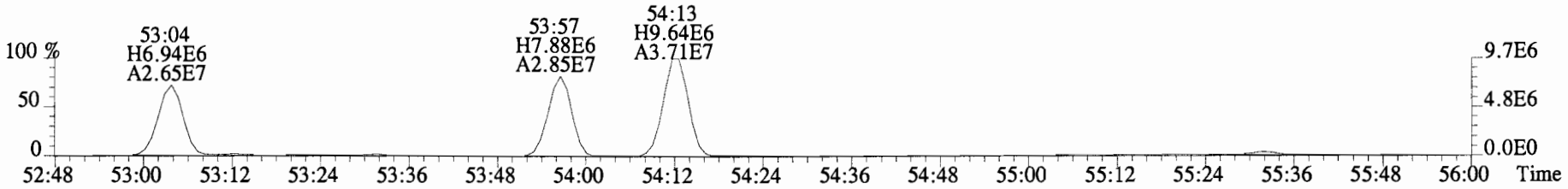
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1976.0,0.00%,F,F)



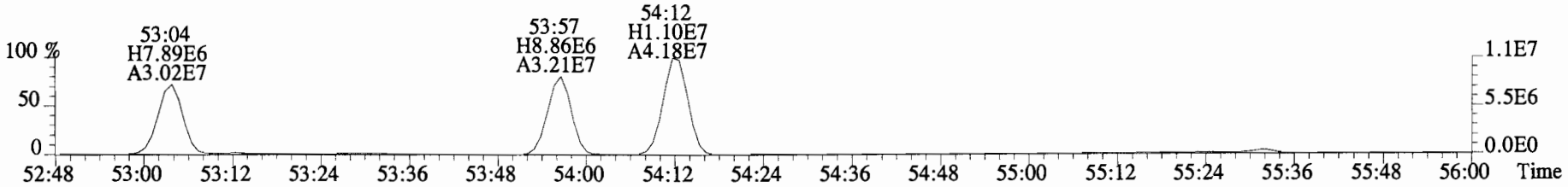
380.9760 S:3 F:4



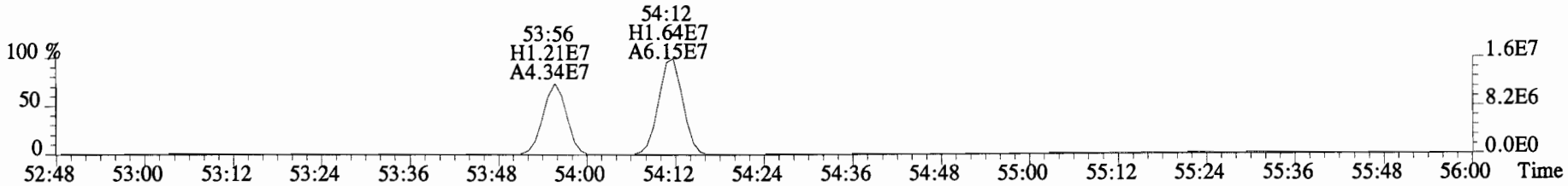
File:180110E1 #1-418 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24344.0,0.00%,F,F)



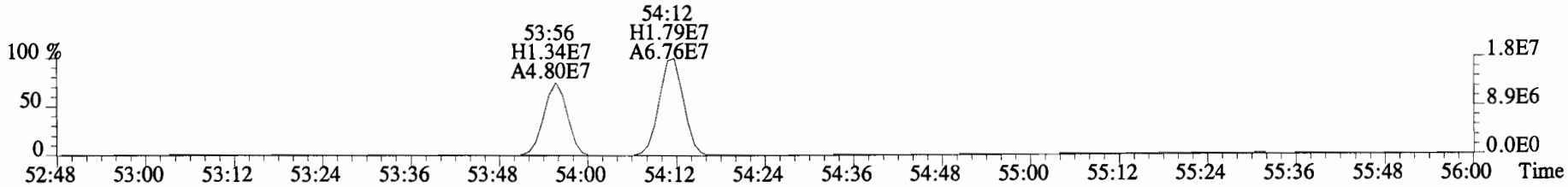
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4012.0,0.00%,F,F)



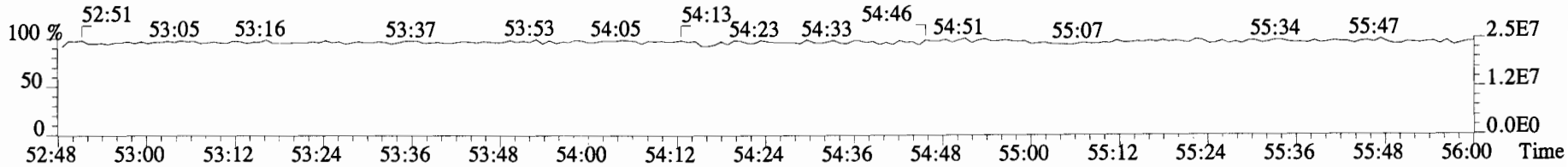
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4972.0,0.00%,F,F)



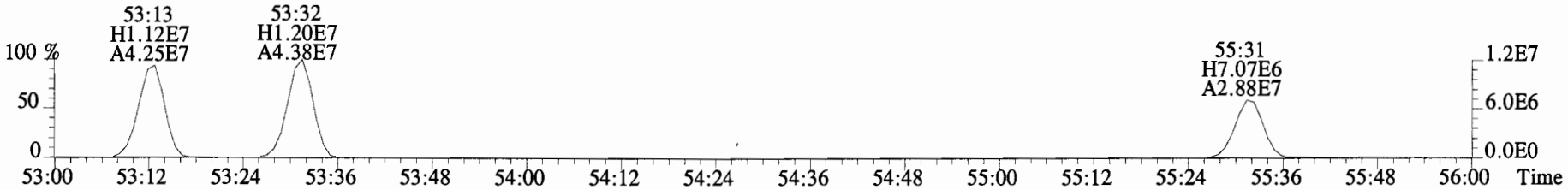
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4808.0,0.00%,F,F)



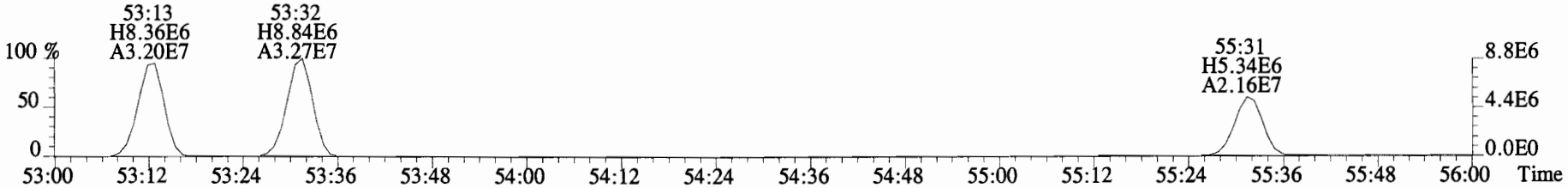
492.9697 S:3 F:5



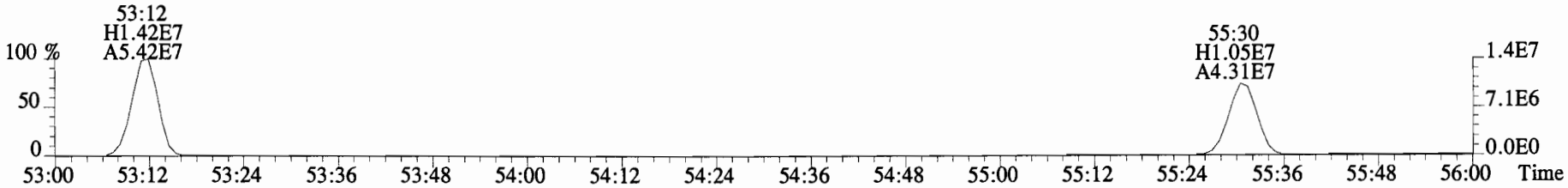
File:180110E1 #1-418 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



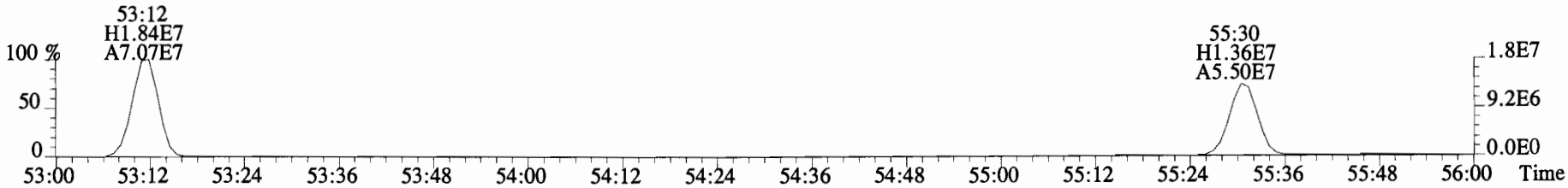
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11456.0,0.00%,F,F)



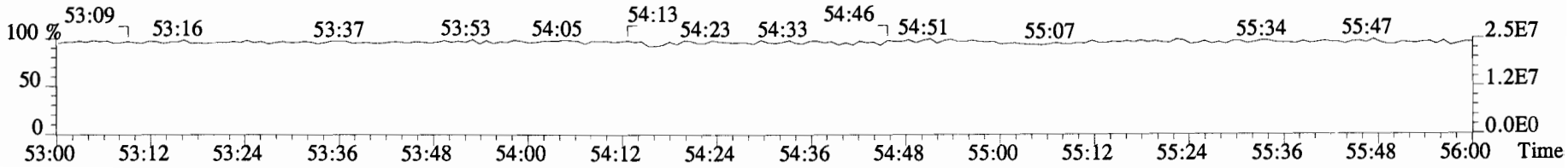
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16692.0,0.00%,F,F)



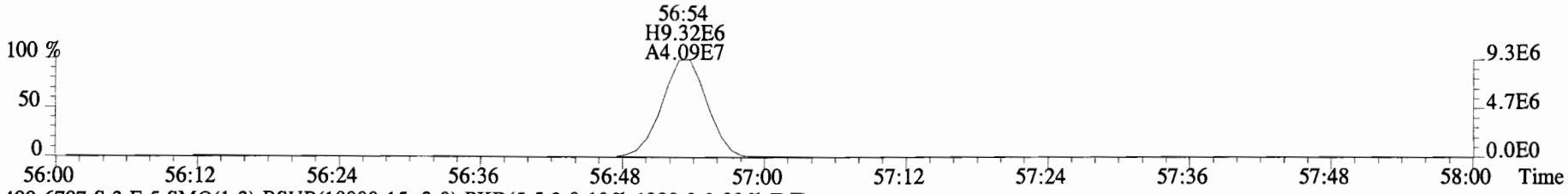
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18624.0,0.00%,F,F)



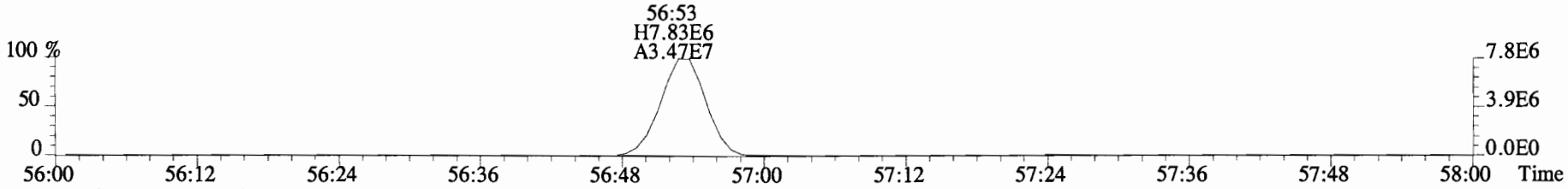
492.9697 S:3 F:5



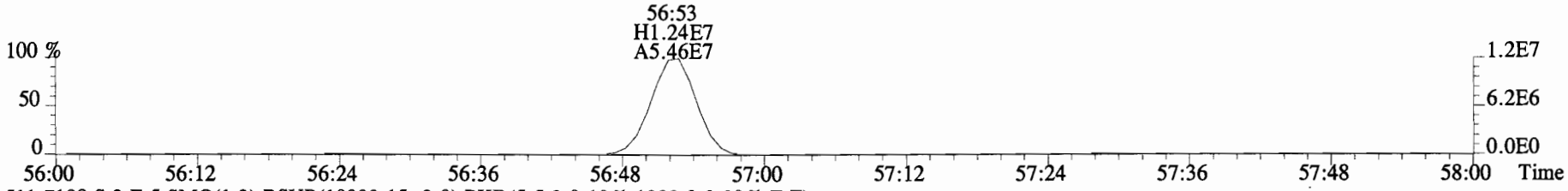
File:180110E1 #1-418 Acq:10-JAN-2018 15:59:36 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:B8A0030-BS1 OPR 1 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1228.0,0.00%,F,F)



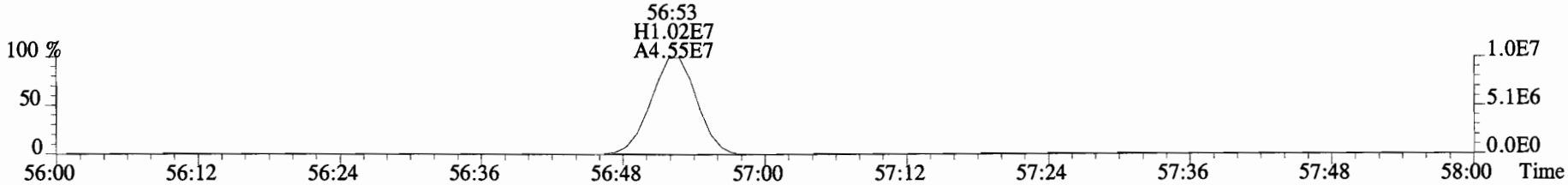
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1380.0,0.00%,F,F)



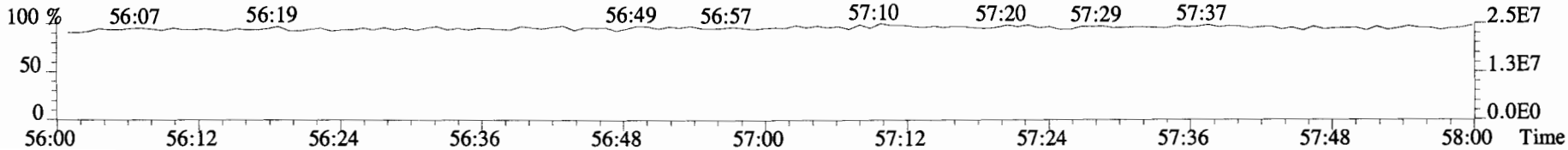
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1628.0,0.00%,F,F)



511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



492.9697 S:3 F:5



Client ID: OWS-SCHU-T170829140554 Filename: 180118E2 S:5 Acq:18-JAN-18 20:56:19 ConCal: ST180118E2-1
Lab ID: 1701165-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.022 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	4.64e+06	3.00	y 16:01	1.14	41.90		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	2.25e+05	2.67	y 18:24	1.09	1.811		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	1.20e+06	2.67	y 18:38	1.10	9.503		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	2.53e+08	1.59	y 20:00	1.41	3123		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	*	*	n NotF	1.13	*		29300	1.0	2.51	*	0.864-0.871
Di	PCB-6	7.52e+05	1.40	y 22:26	1.09	7.232		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	2.74e+06	1.64	y 22:49	1.14	25.22		*	2.5	*	0.908	0.905-0.913
Di	PCB-14	*	*	n NotF	1.39	*		3100	2.5	0.554	*	0.948-0.958
Di	PCB-11	9.67e+05	1.41	y 25:08	1.18	8.283		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	6.55e+05	1.20	n 25:30	1.15	5.725	R	*	2.5	*	1.015	1.011-1.021
Di	PCB-15	1.60e+07	1.60	y 25:50	1.26	127.1		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	1.29e+08	1.06	y 24:07	1.25	1313		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.48e+05	1.13	y 25:01	1.94	0.9618		*	2.5	*	1.038	1.033-1.043
Tri	PCB-18	2.93e+07	1.05	y 25:46	0.95	261.3		*	2.5	*	0.954	0.949-0.959
Tri	PCB-17	2.00e+07	1.08	y 25:56	1.03	164.7		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	6.56e+07	1.06	y 26:30	1.35	411.3		*	2.5	*	0.981	0.976-0.986
Tri	PCB-16/32	4.22e+07	1.06	y 27:02	1.11	322.6		*	2.5	*	1.001	0.995-1.005
Tri	PCB-34	4.50e+05	0.98	y 27:49	1.19	3.672		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF	1.24	*		3450	2.5	0.688	*	0.958-0.968
Tri	PCB-29	*	*	n NotF	1.26	*		3450	2.5	0.675	*	0.966-0.976
Tri	PCB-26	1.14e+07	1.05	y 28:22	1.23	89.66		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	1.80e+06	0.93	y 28:32	1.15	15.21		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	1.01e+07	0.98	y 28:53	1.32	74.32		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	1.29e+07	1.04	y 29:00	1.25	99.80		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	1.21e+06	1.04	y 29:40	1.20	9.755		*	2.5	*	1.024	1.017-1.027
Tri	PCB-22	1.05e+06	1.04	y 30:02	1.20	8.540		*	2.5	*	1.036	1.032-1.042
Tri	PCB-36	7.87e+04	1.18	y 30:39	1.24	0.6630		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	3.06e+05	1.07	y 31:08	1.32	2.419		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	5.13e+05	1.16	y 31:55	1.18	4.557		*	2.5	*	0.972	0.966-0.976
Tri	PCB-35	1.01e+05	1.10	y 32:25	1.20	0.8786		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	4.89e+06	0.98	y 32:52	1.33	38.39		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-54	3.14e+06	0.72	y 27:52	1.12	27.43		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	4.53e+05	0.79	y 29:02	0.90	4.913		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	2.10e+07	0.77	y 29:41	1.14	213.7		*	2.5	*	0.945	0.941-0.951
Tetra	PCB-51	5.60e+06	0.78	y 30:01	1.18	55.11		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	6.93e+06	0.81	y 30:27	1.03	78.43		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	2.29e+06	0.79	y 30:57	0.98	27.22		*	2.5	*	0.986	0.981-0.991

Integrations by:

Analyst: MJ

Date: 1/24/18

Reviewed by: [illegible] Date: 2/6/18

Client ID: OWS-SCHU-T170829140554 Filename: 180118E2 S:5 Acq:18-JAN-18 20:56:19 ConCal: ST180118E2-1

Lab ID: 1701165-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.022 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	4.50e+07	0.78	y 31:24	1.32	396.4		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-73	1.18e+06	0.83	y 31:33	1.39	9.934		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	3.20e+07	0.77	y 31:42	1.14	326.6		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	2.43e+07	0.79	y 31:55	1.04	247.7		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-48/75	3.51e+06	0.73	y 32:02	1.31	28.38		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	1.44e+05	0.74	y 32:18	1.23	1.238		*	2.5	*	1.013	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.27	*		3860	2.5	0.701	*	1.011-1.021
Tetra	PCB-44	1.73e+07	0.78	y 32:43	0.91	201.8		*	2.5	*	1.026	1.020-1.030
Tetra	PCB-42/59	1.14e+07	0.78	y 32:56	1.20	100.7		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	3.04e+07	0.78	y 33:31	1.27	253.7		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	1.70e+06	0.83	y 33:46	1.48	12.21		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	3.23e+06	0.79	y 33:59	0.82	41.81		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	2.87e+05	0.86	y 34:21	1.15	2.114		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	8.98e+05	0.80	y 34:40	1.14	6.627		*	2.5	*	0.979	0.974-0.984
Tetra	PCB-58	9.53e+04	0.85	y 34:46	1.22	0.6594		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	2.06e+06	0.75	y 34:55	1.22	14.22		*	2.5	*	0.986	0.982-0.992
Tetra	PCB-74	1.02e+07	0.77	y 35:13	1.22	70.34		*	2.5	*	0.994	0.990-1.000
Tetra	PCB-61/70	1.16e+07	0.77	y 35:25	1.16	84.41		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	1.56e+07	0.77	y 35:38	1.20	110.2		*	2.5	*	1.006	1.001-1.011
Tetra	PCB-80	*	*	n NotF╗	1.38	*		3860	2.5	0.515	*	0.995-1.005
Tetra	PCB-55	2.08e+05	0.70	y 36:07	1.26	1.360		*	2.5	*	1.008	1.004-1.014
Tetra	PCB-56/60	8.94e+06	0.78	y 36:39	1.16	63.65		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	1.79e+05	0.79	y 37:44	1.24	1.192		3860	2.5	0.574	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.13	*		3860	2.5	0.632	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	1.27	*		23000	1.0	1.34	*	0.995-1.005
Tetra	PCB-77	1.34e+06	0.84	y 39:32	1.32	8.546		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	6.86e+04	1.62	y 32:33	1.37	0.5587		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	6.51e+05	1.51	y 33:48	1.18	6.124		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	4.24e+05	1.77	y 34:21	1.12	4.200		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	4.29e+05	1.66	y 34:43	1.10	4.357		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	6.97e+05	1.54	y 35:11	1.16	7.976		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	1.11e+07	1.60	y 35:43	1.31	112.5		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	1.08	*		3530	2.5	1.48	*	0.997-1.007
Penta	PCB-88/91	3.15e+06	1.56	y 36:07	1.20	34.96		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.85	*		3530	2.5	0.862	*	1.009-1.019
Penta	PCB-84/92	5.93e+06	1.46	y 37:02	1.22	62.62		*	2.5	*	0.991	0.985-0.995
Penta	PCB-89	2.01e+05	1.48	y 37:13	1.18	2.176		*	2.5	*	0.996	0.990-1.000

Analyst: MJ

Date: 1/24/18

Client ID: OWS-SCHU-T170829140554 Filename: 180118E2 S:5 Acq:18-JAN-18 20:56:19 ConCal: ST180118E2-1
Lab ID: 1701165-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.022 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	8.06e+06	1.57	y 37:24	1.38	74.98		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	1.63e+05	1.38	y 37:37	1.52	1.378		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	4.75e+06	1.55	y 37:44	1.48	41.29		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	4.99e+05	1.44	y 38:11	2.12	3.352		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	1.02e+06	1.72	y 38:21	1.59	9.135		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF┐	1.90	*		3530	2.5	0.878	*	0.991-1.001
Penta	PCB-97	2.54e+06	1.59	y 38:42	1.50	24.16		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	6.17e+04	1.44	y 38:51	1.19	0.7384		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	4.09e+06	1.52	y 38:59	1.76	33.06		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	2.17e+05	1.46	y 39:08	2.09	1.479		*	2.5	*	1.012	1.007-1.017
Penta	PCB-85/116	1.87e+06	1.39	y 39:15	1.53	17.45		*	2.5	*	1.015	1.010-1.020
Penta	PCB-120	*	*	n NotF┐	2.19	*		3530	2.5	0.761	*	1.016-1.026
Penta	PCB-110	1.19e+07	1.58	y 39:38	1.87	90.86		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	1.10e+06	1.42	y 40:16	0.88	13.00		*	2.5	*	0.976	0.971-0.981
Penta	PCB-124	3.09e+05	1.61	y 40:57	1.46	2.208		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	7.50e+05	1.70	y 41:06	1.47	5.302		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	1.89e+05	1.66	y 41:16	1.48	1.337		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	6.24e+06	1.69	y 41:26	1.45	42.98		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	2.04e+05	1.44	y 42:05	1.39	2.051		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	*	*	n NotF┐	1.21	*		6500	1.0	1.02	*	0.999-1.009
Penta	PCB-105	2.32e+06	1.58	y 42:57	1.44	22.77		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF┐	1.19	*		2180	2.5	0.783	*	0.995-1.005
Penta	PCB-126	*	*	n NotF┐	1.33	*		2180	2.5	0.795	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF┐	1.42	*		3430	2.5	0.678	*	0.966-1.006
Hexa	PCB-150	*	*	n NotF┐	1.32	*		3430	2.5	0.729	*	1.029-1.039
Hexa	PCB-152	*	*	n NotF┐	1.30	*		3430	2.5	0.744	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF┐	1.27	*		3430	2.5	0.758	*	1.054-1.064
Hexa	PCB-136	1.15e+06	1.23	y 39:27	1.30	8.784		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF┐	0.94	*		3430	2.5	1.02	*	1.066-1.076
Hexa	PCB-154	2.04e+05	1.26	y 40:03	1.04	1.954		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	1.47e+06	1.36	y 40:41	0.97	15.13		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	9.26e+05	1.38	y 40:53	0.99	9.286		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	9.98e+04	1.34	y 41:00	0.99	1.000		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	2.92e+05	1.12	y 41:08	0.89	3.276		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	3.22e+06	1.29	y 41:23	1.03	31.16		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	6.85e+04	1.17	y 41:36	0.97	0.7050		*	2.5	*	1.126	1.120-1.132
Hexa	PCB-134/143	4.02e+05	1.37	y 42:02	0.93	4.695		*	2.5	*	0.975	0.970-0.980

Analyst: MJ

Date: 1/24/18

Client ID: OWS-SCHU-T170829140554 Filename: 180118E2 S:5 Acq:18-JAN-18 20:56:19 ConCal: ST180118E2-1
Lab ID: 1701165-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.022 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	2.53e+05	1.07	y 42:19	0.92	2.983		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF┐	0.86	*		3320	2.5	1.21	*	0.980-0.990
Hexa	PCB-146/165	7.84e+05	1.34	y 42:42	1.12	7.635		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	1.26e+06	1.31	y 42:58	1.13	12.13		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	2.93e+06	1.22	y 43:06	1.16	27.66		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-168	*	*	n NotF┐	1.41	*		3320	2.5	0.742	*	1.000-1.010
Hexa	PCB-141	4.57e+05	1.40	y 43:50	1.24	4.767		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-137	2.47e+05	1.11	y 44:14	1.25	2.543		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	2.05e+05	1.70	n 44:20	1.07	2.468	R	*	2.5	*	1.011	1.006-1.016
Hexa	PCB-138/163/164	4.37e+06	1.20	y 44:42	1.36	38.92		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	3.61e+05	1.35	y 44:55	1.46	3.002		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	1.97e+05	1.32	y 45:10	1.01	2.374		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n NotF┐	1.23	*		3320	2.5	0.788	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF┐	1.31	*		3320	2.5	0.741	*	0.995-1.005
Hexa	PCB-128/162	6.22e+05	1.32	y 46:14	1.09	5.703		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.53e+05	1.35	y 46:39	1.29	1.189		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	3.66e+05	1.16	y 47:56	1.32	2.805		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	8.73e+04	1.08	y 48:12	1.34	0.6786		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-169	*	*	n NotF┐	1.21	*		3320	2.5	0.819	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF┐	1.61	*		2940	2.5	0.460	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF┐	1.46	*		2940	2.5	0.506	*	1.006-1.016
Hepta	PCB-179	4.81e+05	1.20	y 43:57	1.49	4.264		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	*	*	n NotF┐	1.58	*		8500	1.0	0.542	*	1.035-1.045
Hepta	PCB-186	*	*	n NotF┐	1.54	*		2940	2.5	0.481	*	1.049-1.059
Hepta	PCB-178	3.12e+05	1.09	y 45:32	1.16	3.550		*	2.5	*	1.066	1.061-1.071
Hepta	PCB-175	*	*	n NotF┐	1.17	*		2940	2.5	0.629	*	1.069-1.079
Hepta	PCB-182/187	9.51e+05	1.10	y 46:02	1.25	9.989		*	2.5	*	1.078	1.073-1.083
Hepta	PCB-183	2.02e+05	0.98	y 46:22	1.32	2.017		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF┐	1.67	*		2940	2.5	0.596	*	0.951-0.961
Hepta	PCB-174	3.85e+05	0.95	y 47:23	1.53	4.522		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF┐	1.59	*		2940	2.5	0.626	*	0.960-0.970
Hepta	PCB-177	3.33e+05	0.92	y 47:39	1.48	4.047		*	2.5	*	0.968	0.964-0.974
Hepta	PCB-171	1.09e+05	0.95	y 47:57	1.71	1.143		*	2.5	*	0.975	0.969-0.979
Hepta	PCB-173	*	*	n NotF┐	1.40	*		2940	2.5	0.712	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF┐	1.61	*		2940	2.5	0.619	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF┐	2.08	*		2940	2.5	0.479	*	0.991-1.001
Hepta	PCB-180	7.63e+05	0.99	y 49:13	1.67	8.208		*	2.5	*	1.000	0.995-1.005

Analyst: (M)

Date: 1/24/18

Client ID: OWS-SCHU-T170829140554 Filename: 180118E2 S:5 Acq:18-JAN-18 20:56:19 ConCal: ST180118E2-1
Lab ID: 1701165-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.022 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF╗	2.18	*		5740	1.0	0.357	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	2.22	*		2940	2.5	0.448	*	1.005-1.015
Hepta	PCB-170	3.52e+05	1.17	y 50:48	1.83	3.871		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	1.04e+05	0.99	y 50:58	2.48	0.8424		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.82	*		2940	2.5	0.378	*	0.995-1.005
Octa	PCB-202	1.52e+05	0.70	n 48:08	1.15	1.530	R	*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	5.99e+04	1.03	n 48:38	1.25	0.5559	R	*	2.5	*	1.010	1.005-1.015
Octa	PCB-204	*	*	n NotF╗	1.21	*		2320	2.5	0.532	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.34	*		2320	2.5	0.481	*	1.015-1.025
Octa	PCB-200	6.81e+04	0.86	y 50:01	1.22	0.6495		*	2.5	*	1.039	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.90	*		2320	2.5	0.716	*	1.064-1.074
Octa	PCB-199	3.16e+05	1.08	n 51:32	0.85	4.338	R	*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	3.00e+05	0.95	y 51:49	0.96	3.634		*	2.5	*	1.077	1.072-1.082
Octa	PCB-195	5.66e+04	0.95	y 53:02	1.12	1.072		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.60e+05	0.89	y 53:54	1.26	2.693		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.59	*		2340	2.5	0.509	*	1.000-1.010
Nona	PCB-208	8.61e+04	1.31	y 53:11	1.09	1.061		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	2.74e+04	1.21	y 53:30	1.10	0.3359		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	1.28e+05	1.18	y 55:28	0.94	2.531		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	7.40e+04	1.25	y 56:49	1.44	0.9680		*	2.5	*	1.000	0.995-1.005

Analyst: MN

Date: 1/24/18

Client ID: OWS-SCHU-T170829140554 Filename: 180118E2 S:5 Acq:18-JAN-18 20:56:19 ConCal: ST180118E2-1.
Lab ID: 1701165-01 GC Column ID: ZB-1 ICal: PCBVC8 10-27-17 wt/vol: 1.022 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	6.06e+06	3.00 y	16:01	1.11	53.2152	
Total Di-PCB	2.73e+08	1.59 y	20:00	1.19	3290.49	
Total Tri-PCB	2.86e+08	1.06 y	24:07	1.27	2473.55	
Total Tri-PCB	4.47e+07	0.98 y	27:49	1.23	347.857	Sum:2821.40
Total Tetra-PCB	2.61e+08	0.72 y	27:52	1.17	2390.38	
Total Penta-PCB	6.64e+07	1.62 y	32:33	1.37	598.167	
Total Penta-PCB	2.52e+06	1.44 y	42:05	1.31	24.8194	Sum:622.987
Total Hexa-PCB	7.43e+06	1.23 y	39:27	1.10	71.2904	
Total Hexa-PCB	1.25e+07	1.37 y	42:02	1.17	117.088	Sum:188.378
Total Hepta-PCB	3.99e+06	1.20 y	43:57	1.55	42.4546	
Total Octa-PCB	3.68e+05	0.86 y	50:01	1.09	4.28334	
Total Octa-PCB	2.16e+05	0.95 y	53:02	1.33	3.76458	Sum:8.04792
Total Nona-PCB	2.42e+05	1.31 y	53:11	1.05	3.92843	
Total Deca-PCB	7.40e+04	1.25 y	56:49	1.44	0.967958	

Total PCB Conc:9436.86522400

Integrations by Analyst: MI

Date: 1/24/18

Client ID: OWS-SCHU-T170829140554 Filename: 180118E2 S:5 Acq:18-JAN-18 20:56:19 ConCal: ST180118E2-1
Lab ID: 1701165-01 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0221 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.91e+08	3.14 y	1.24	16:00	0.619	0.616	0.622	1200	61.2
13C-PCB-3	2.23e+08	3.16 y	1.25	18:37	0.721	0.717	0.725	1380	70.8
13C-PCB-4	1.12e+08	1.54 y	0.66	19:57	0.772	0.768	0.776	1320	67.6
13C-PCB-9	1.86e+08	1.54 y	0.98	21:45	0.842	0.838	0.846	1480	75.4
13C-PCB-11	1.94e+08	1.53 y	0.95	25:07	0.972	0.968	0.978	1580	80.9
13C-PCB-19	1.55e+08	1.08 y	0.64	24:06	0.933	0.928	0.938	1890	96.4
13C-PCB-28	2.02e+08	1.05 y	0.98	28:59	1.004	0.999	1.009	1970	101
13C-PCB-32	2.31e+08	1.05 y	0.90	27:01	1.046	1.041	1.051	1990	102
13C-PCB-37	1.87e+08	1.06 y	0.95	32:50	1.137	1.131	1.144	1870	95.7
13C-PCB-47	1.84e+08	0.79 y	0.85	31:54	0.870	0.867	0.875	1620	82.8
13C-PCB-52	1.68e+08	0.80 y	0.77	31:24	0.857	0.853	0.861	1610	82.5
13C-PCB-54	2.00e+08	0.79 y	0.99	27:51	0.760	0.757	0.765	1510	76.9
13C-PCB-70	2.32e+08	0.79 y	1.00	35:25	0.966	0.961	0.971	1730	88.2
13C-PCB-77	2.31e+08	0.79 y	0.96	39:31	1.078	1.073	1.083	1800	92.2
13C-PCB-80	2.37e+08	0.79 y	1.00	35:50	0.978	0.973	0.983	1760	89.8
13C-PCB-81	2.40e+08	0.79 y	1.00	38:55	1.062	1.057	1.067	1780	91.1
13C-PCB-95	1.47e+08	1.61 y	0.81	35:42	0.913	0.908	0.918	1660	84.7
13C-PCB-97	1.37e+08	1.58 y	0.70	38:41	0.989	0.984	0.994	1800	91.8
13C-PCB-101	1.52e+08	1.59 y	0.80	37:23	0.956	0.951	0.961	1740	89.0
13C-PCB-104	1.76e+08	1.58 y	1.03	32:32	0.832	0.828	0.836	1560	79.6
13C-PCB-105	1.38e+08	1.58 y	1.16	42:56	0.929	0.924	0.934	1530	78.3
13C-PCB-114	1.40e+08	1.60 y	1.17	42:05	0.911	0.905	0.915	1540	78.7
13C-PCB-118	1.96e+08	1.60 y	0.99	41:25	1.059	1.054	1.064	1810	92.3
13C-PCB-123	1.88e+08	1.56 y	0.95	41:15	1.055	1.049	1.059	1800	92.1
13C-PCB-126	1.36e+08	1.60 y	1.16	45:10	0.977	0.972	0.982	1510	77.4
13C-PCB-127	1.54e+08	1.61 y	1.25	43:17	0.937	0.931	0.941	1580	80.7
13C-PCB-138	1.61e+08	1.26 y	1.15	44:40	0.966	0.961	0.971	1810	92.3
13C-PCB-141	1.52e+08	1.26 y	1.08	43:50	0.948	0.943	0.953	1810	92.5
13C-PCB-153	1.79e+08	1.24 y	1.28	43:06	0.933	0.928	0.938	1800	91.9
13C-PCB-155	1.96e+08	1.26 y	0.75	36:56	0.944	0.939	0.949	2400	123
13C-PCB-156	1.94e+08	1.26 y	1.37	47:55	1.037	1.032	1.042	1820	92.9
13C-PCB-157	1.88e+08	1.27 y	1.38	48:11	1.043	1.038	1.048	1760	89.9
13C-PCB-159	1.95e+08	1.28 y	1.38	45:57	0.994	0.989	0.999	1820	92.9
13C-PCB-167	1.95e+08	1.26 y	1.39	46:38	1.009	1.004	1.014	1800	91.9
13C-PCB-169	1.85e+08	1.25 y	1.38	50:23	1.090	1.085	1.095	1730	88.4
13C-PCB-170	9.73e+07	0.45 y	0.84	50:47	1.103	1.097	1.109	1910	97.6
13C-PCB-180	1.09e+08	0.46 y	0.96	49:12	1.068	1.063	1.073	1860	95.3
13C-PCB-188	1.48e+08	0.45 y	1.39	42:43	0.928	0.923	0.933	1760	90.0
13C-PCB-189	1.28e+08	0.46 y	1.12	52:22	1.137	1.132	1.144	1890	96.5
13C-PCB-194	9.19e+07	0.91 y	0.76	53:54	0.995	0.990	1.000	1870	95.5
13C-PCB-202	1.68e+08	0.89 y	1.21	48:08	1.045	1.040	1.050	2290	117
13C-PCB-206	1.06e+08	0.77 y	0.78	55:28	1.024	1.019	1.029	2090	107
13C-PCB-208	1.46e+08	0.77 y	1.08	53:10	0.982	0.976	0.986	2090	107
13C-PCB-209	1.04e+08	1.20 y	0.73	56:49	1.049	1.043	1.053	2200	112

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.44e+08	0.78 y	1.02	37:42	1.029	1.024	1.034	1790	91.3
13C-PCB-178	1.05e+08	0.45 y	0.90	45:31	0.985	0.980	0.990	1910	97.6

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.44e+08	0.78 y	1.01	37:42	0.969	0.963	0.973	1960	100
13C-PCB-178	1.05e+08	0.45 y	0.94	45:31	0.925	0.920	0.930	2000	102

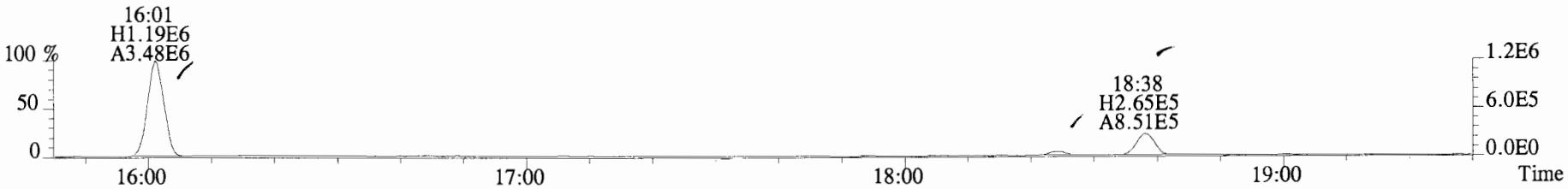
RS

Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	2.52e+08	1.54	y	1.00	25:50	1960
13C-PCB-31	2.05e+08	1.05	y	1.00	28:52	1960
13C-PCB-60	2.63e+08	0.78	y	1.00	36:39	1960
13C-PCB-111	2.14e+08	1.58	y	1.00	39:07	1960
13C-PCB-128	1.52e+08	1.26	y	1.00	46:13	1960
13C-PCB-182	1.19e+08	0.46	y	1.00	46:03	1960
13C-PCB-205	1.26e+08	0.90	y	1.00	54:10	1960

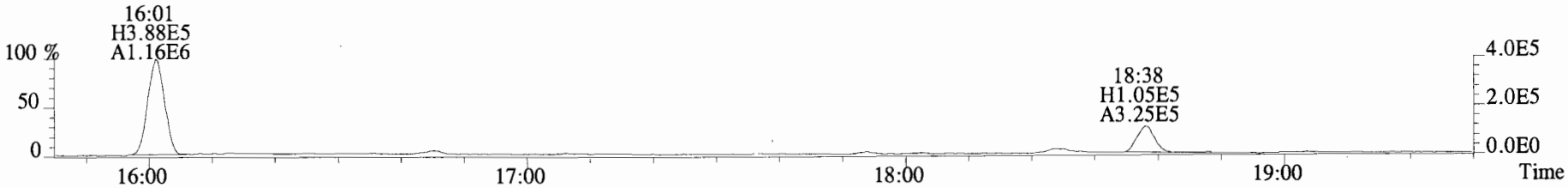
Analyst: MI

Date: 1/24/18

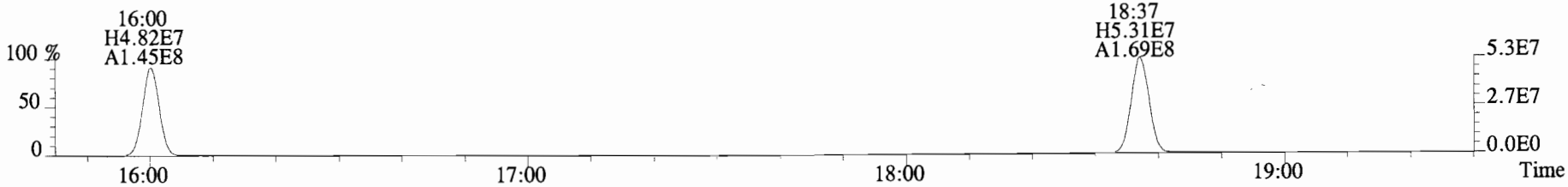
File:180118E2 #1-866 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15340.0,0.00%,F,F)



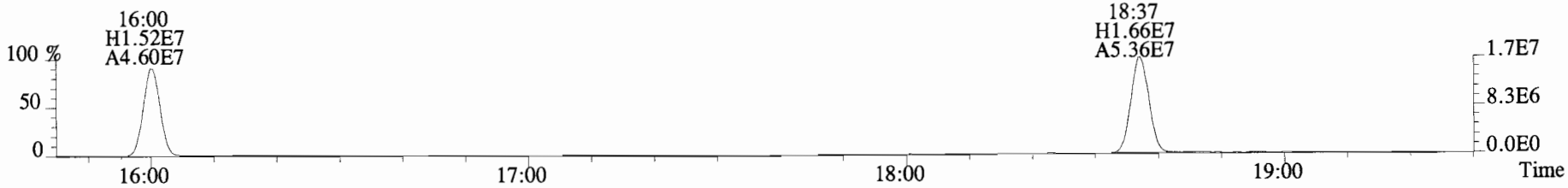
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11504.0,0.00%,F,F)



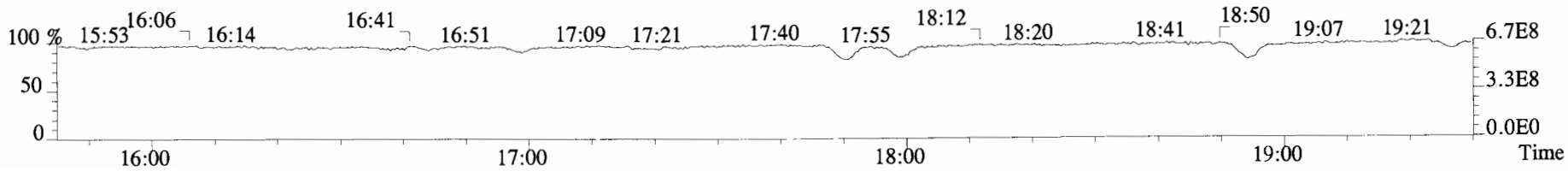
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11852.0,0.00%,F,F)



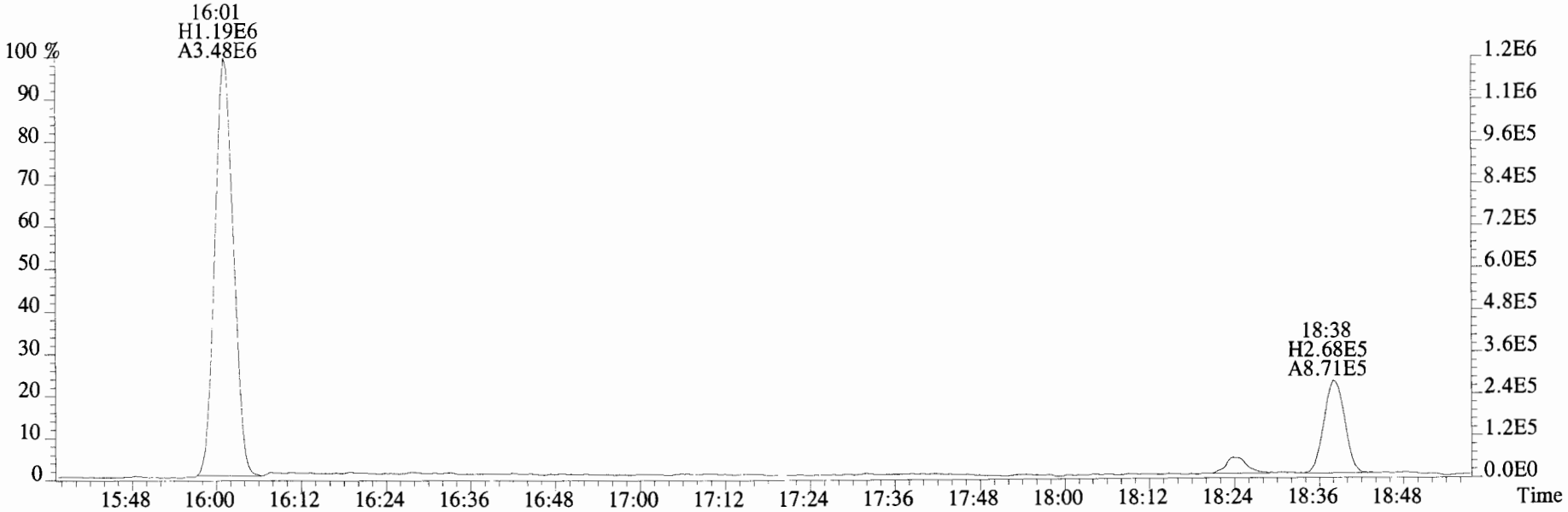
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39152.0,0.00%,F,F)



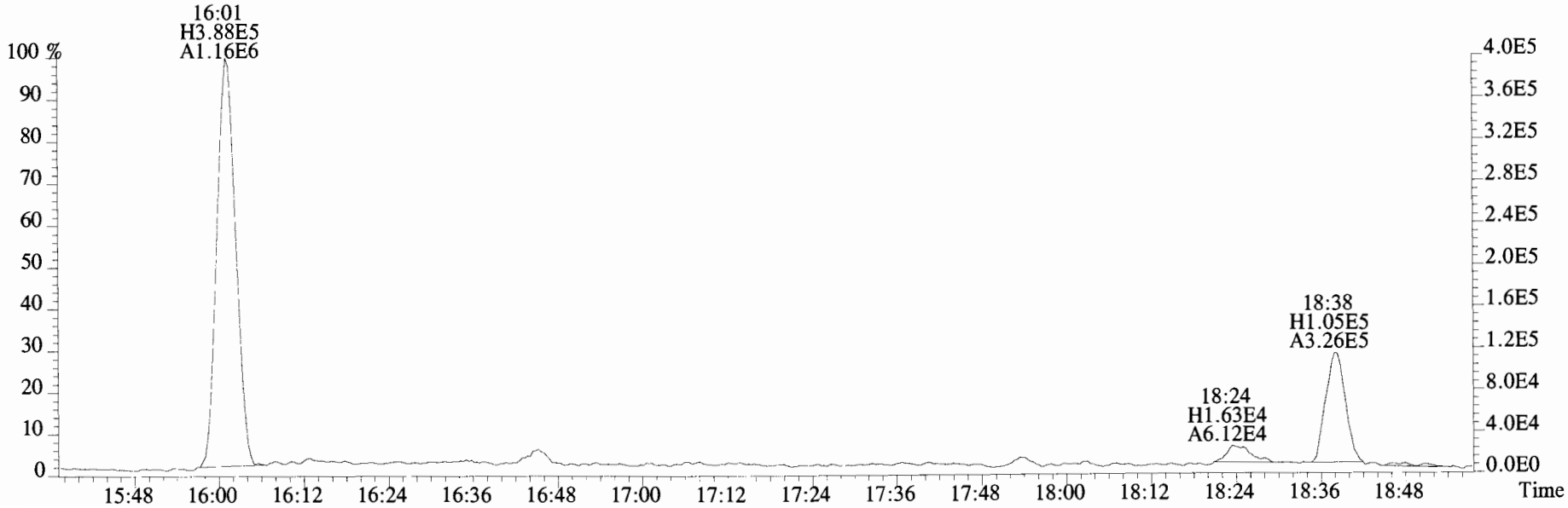
180.9880 S:5



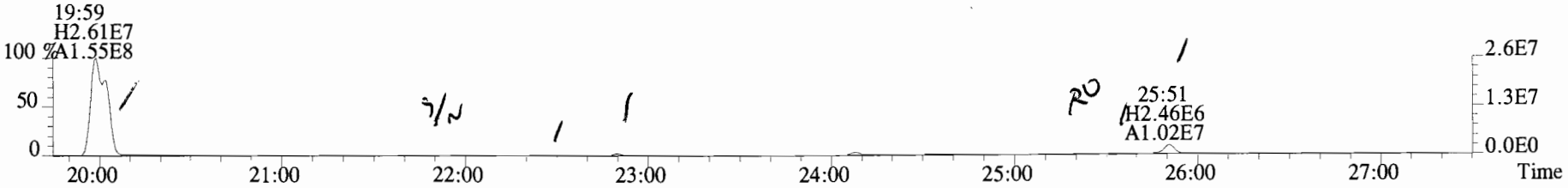
File:180118E2 #1-866 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15340.0,0.00%,F,F)



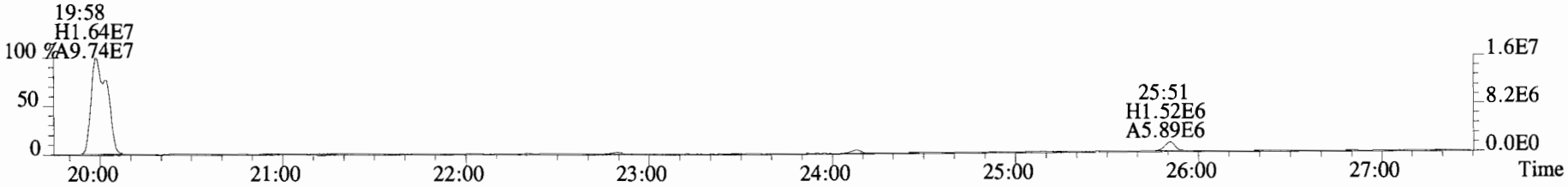
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11504.0,0.00%,F,F)



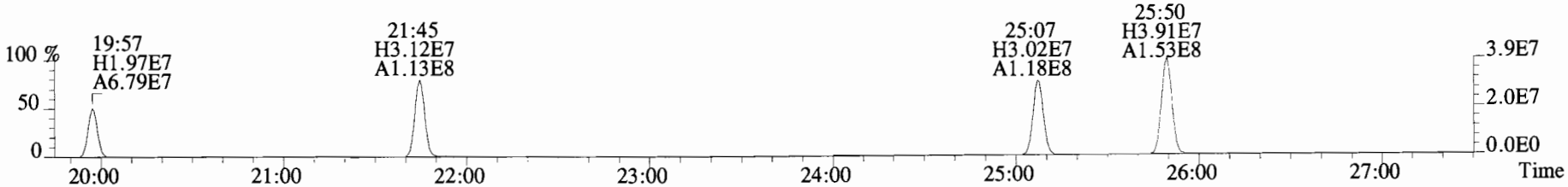
File:180118E2 #1-757 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4952.0,0.00%,F,F)



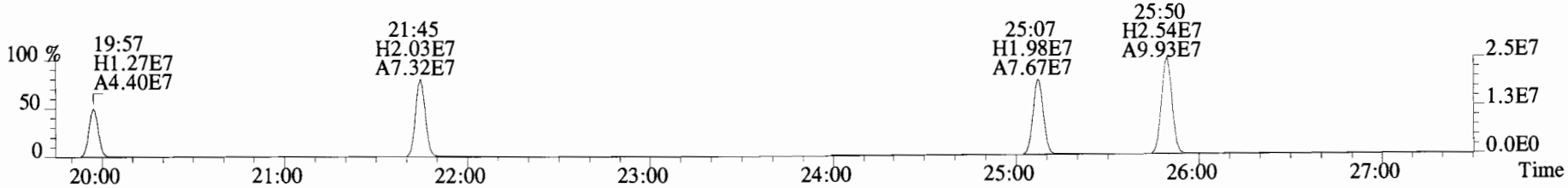
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83656.0,0.00%,F,F)



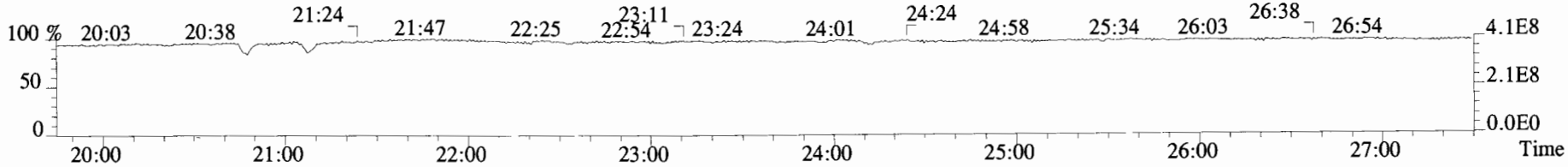
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8472.0,0.00%,F,F)



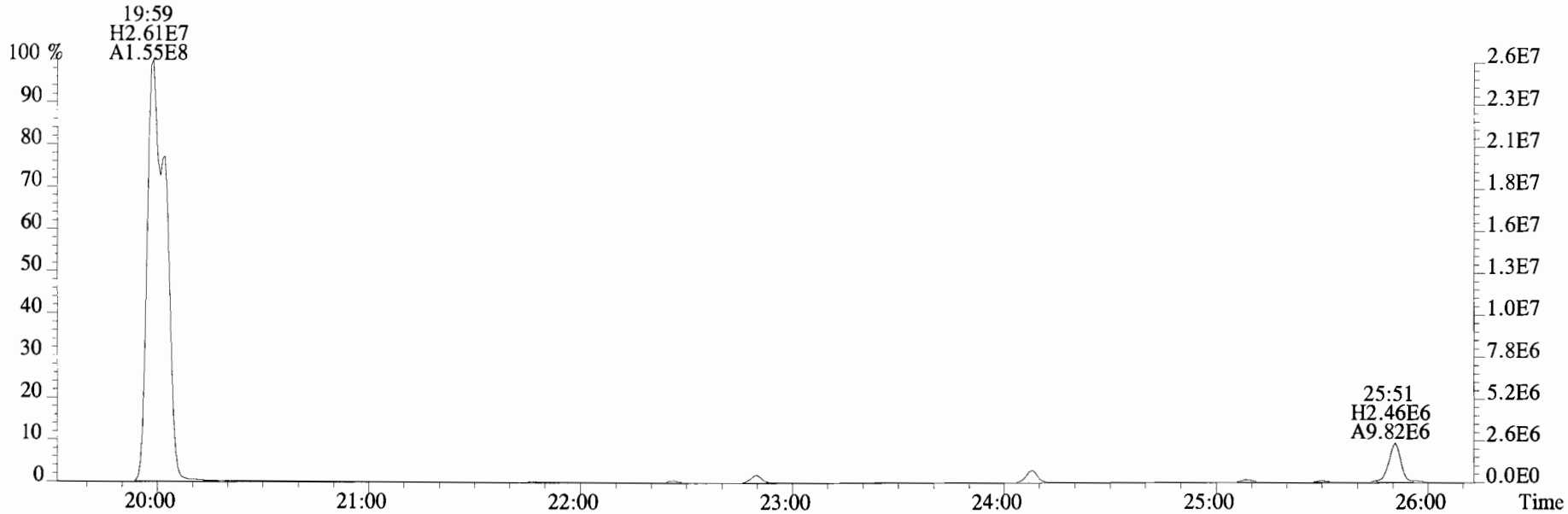
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5592.0,0.00%,F,F)



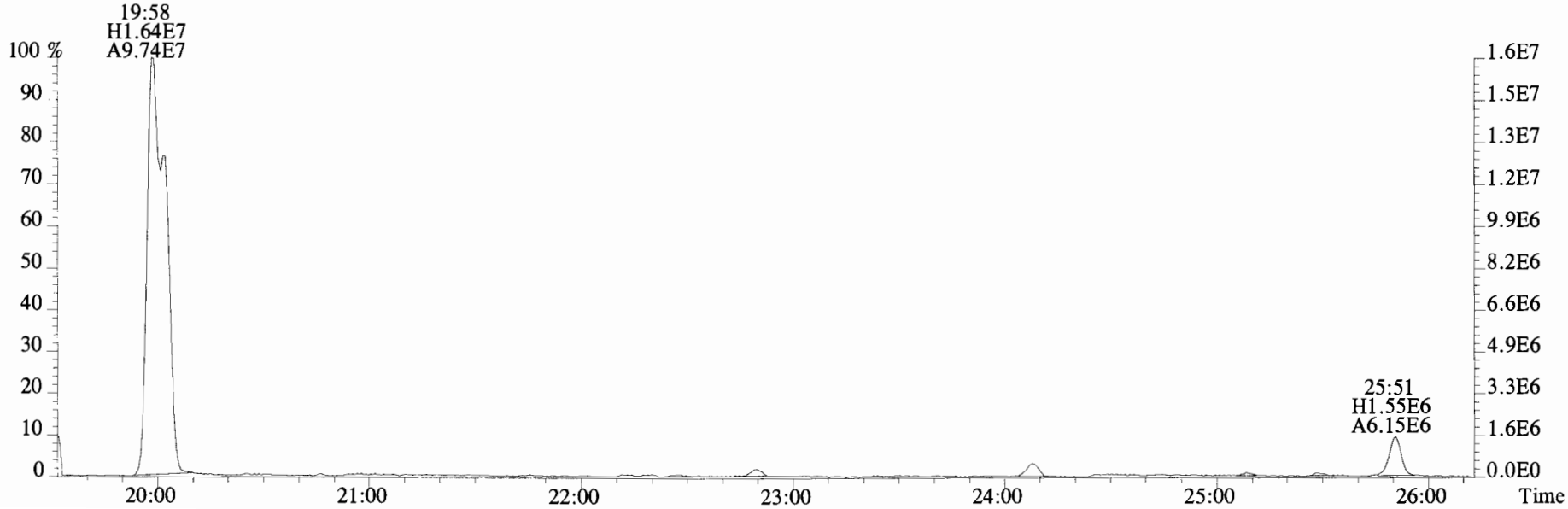
230.9856 S:5 F:2



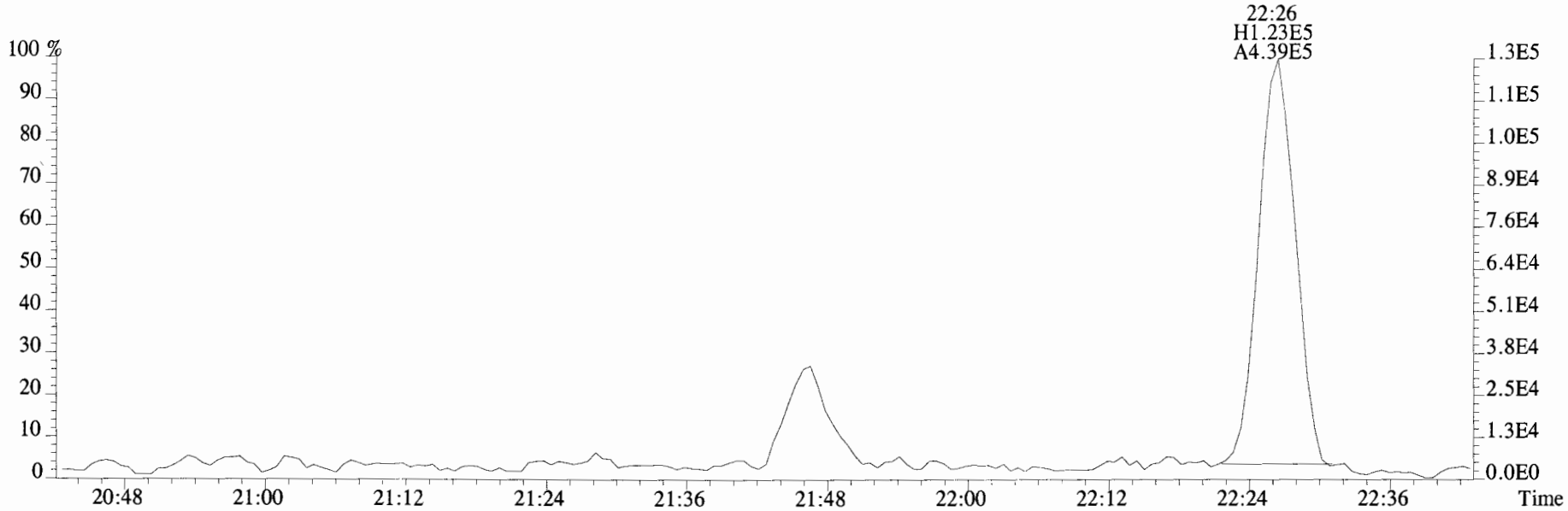
File:180118E2 #1-757 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4952.0,0.00%,F,F)



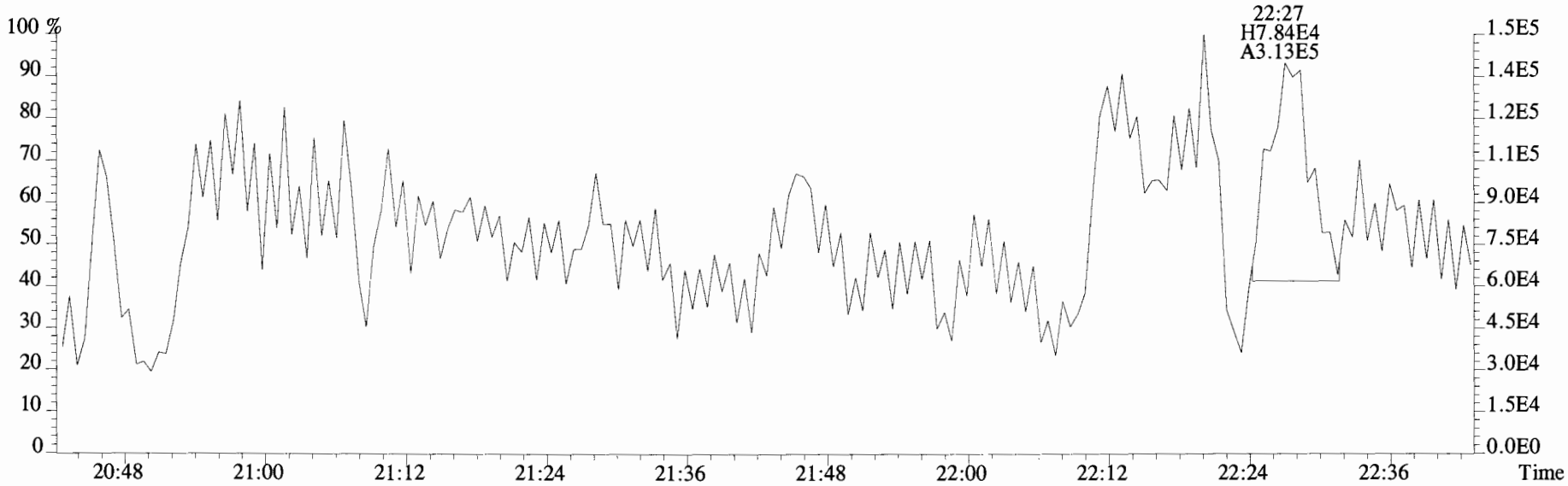
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83656.0,0.00%,F,F)



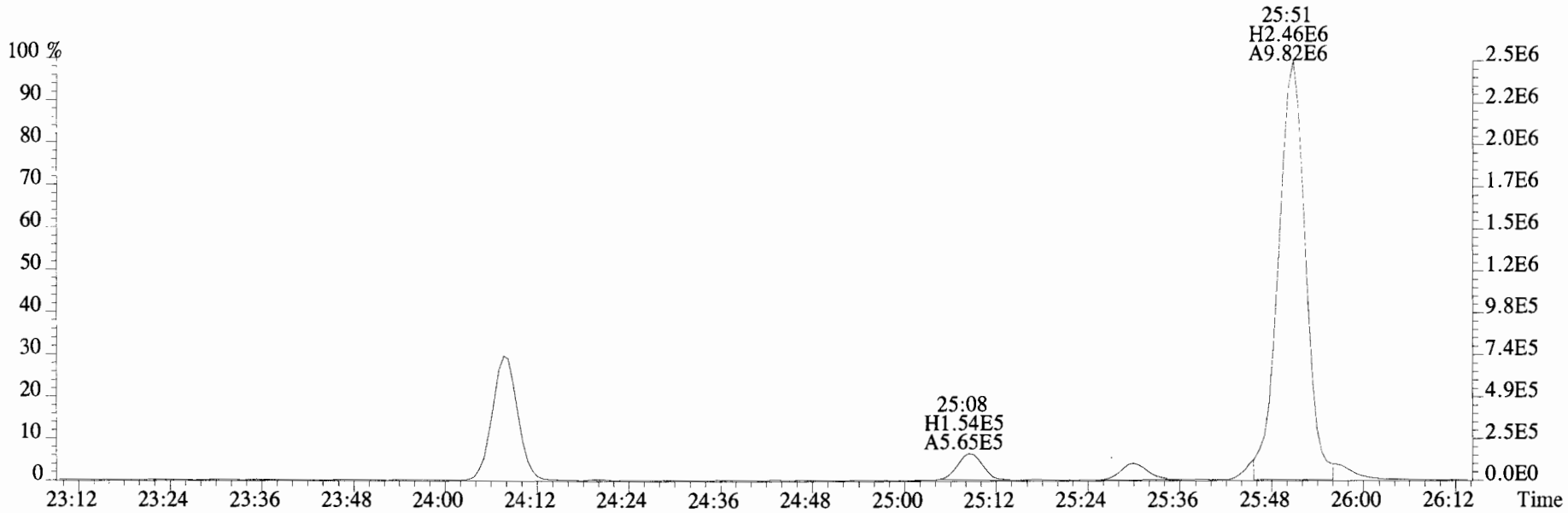
File:180118E2 #1-757 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4952.0,0.00%,F,F)



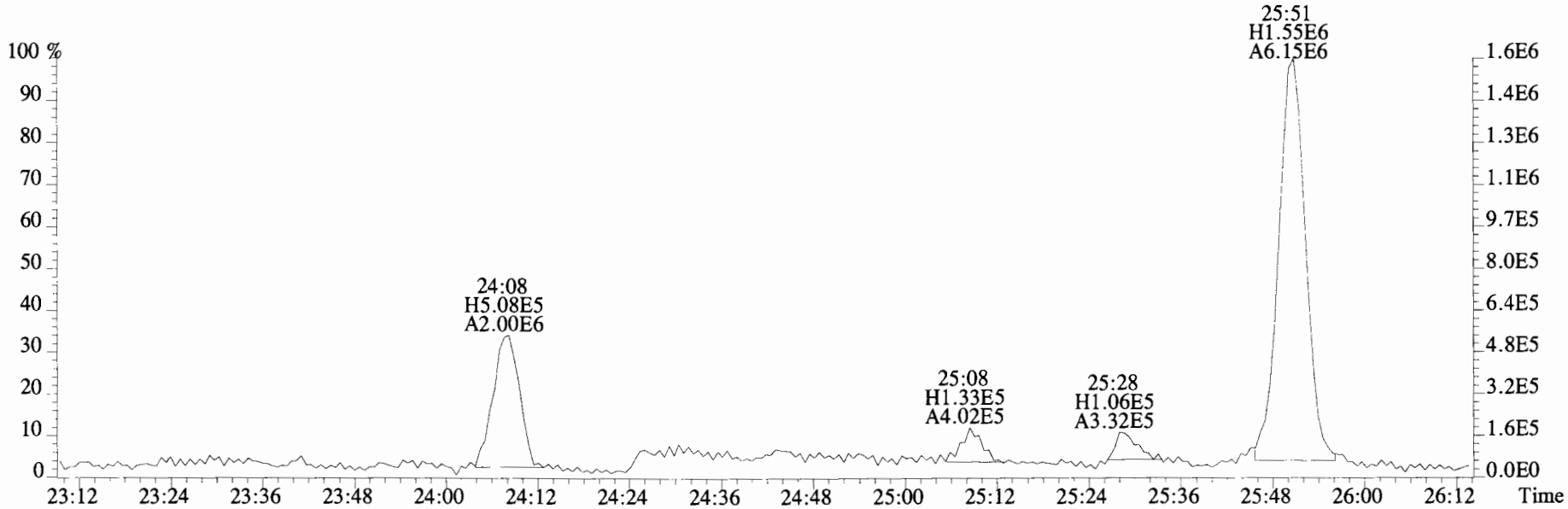
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83656.0,0.00%,F,F)



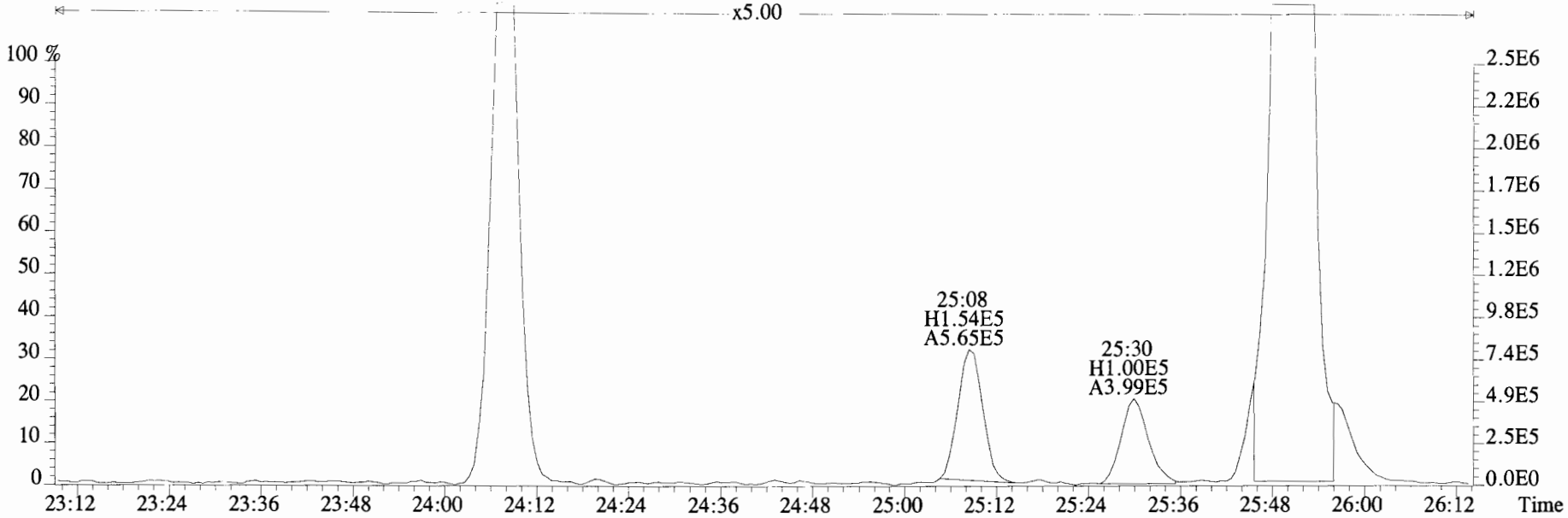
File:180118E2 #1-757 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4952.0,0.00%,F,F)



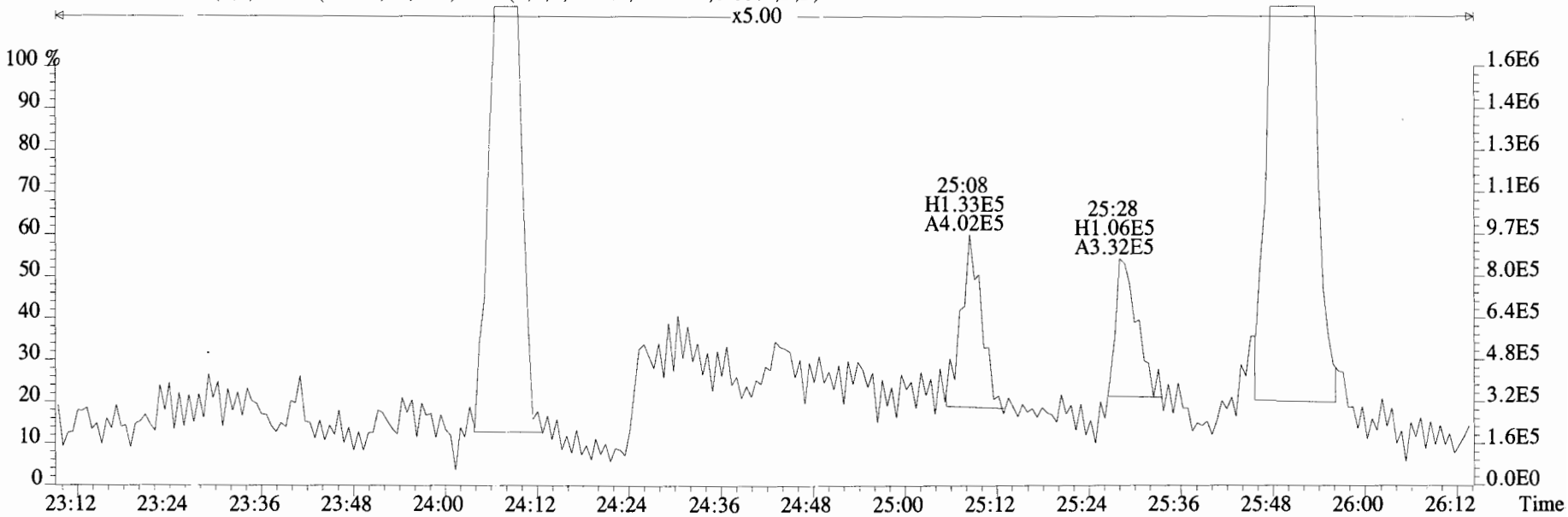
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83656.0,0.00%,F,F)



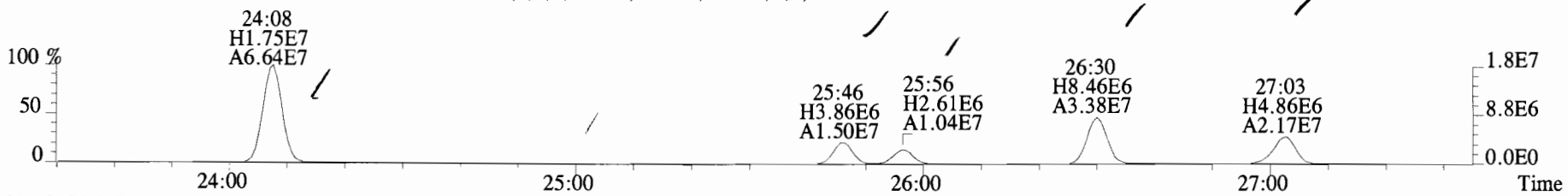
File:180118E2 #1-757 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4952.0,0.00%,F,F)



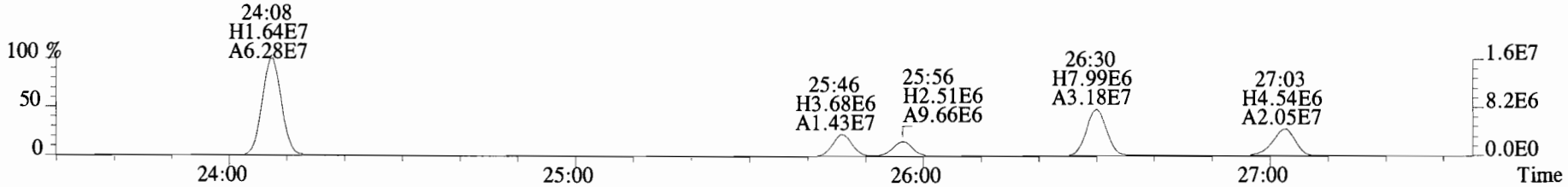
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83656.0,0.00%,F,F)



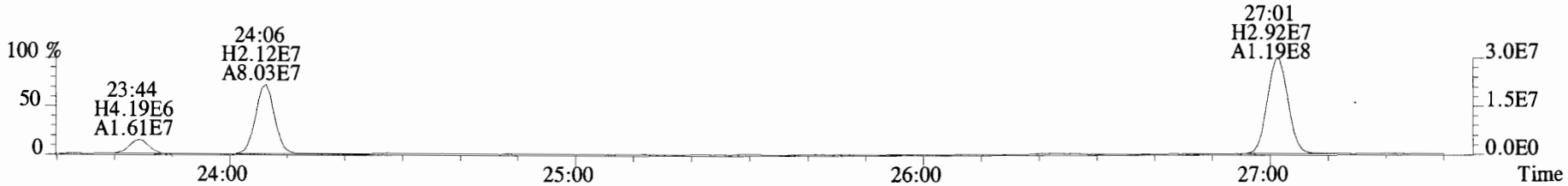
File:180118E2 #1-757 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6240.0,0.00%,F,F)



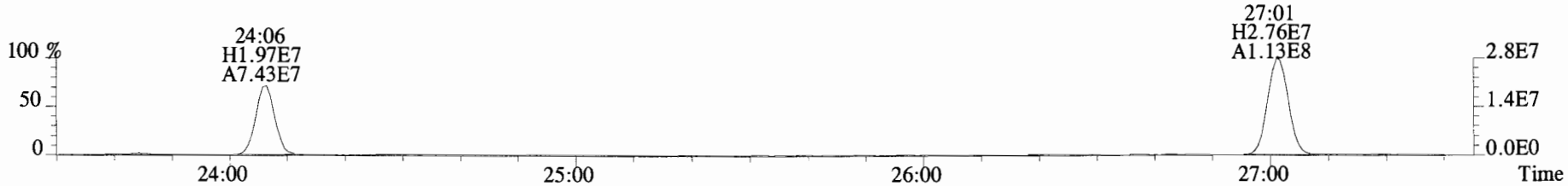
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4272.0,0.00%,F,F)



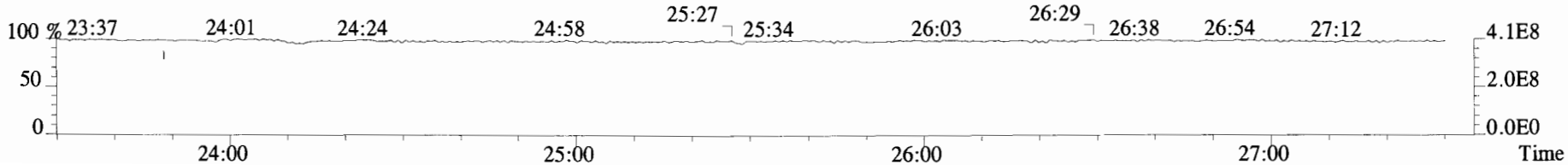
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,377884.0,0.00%,F,F)



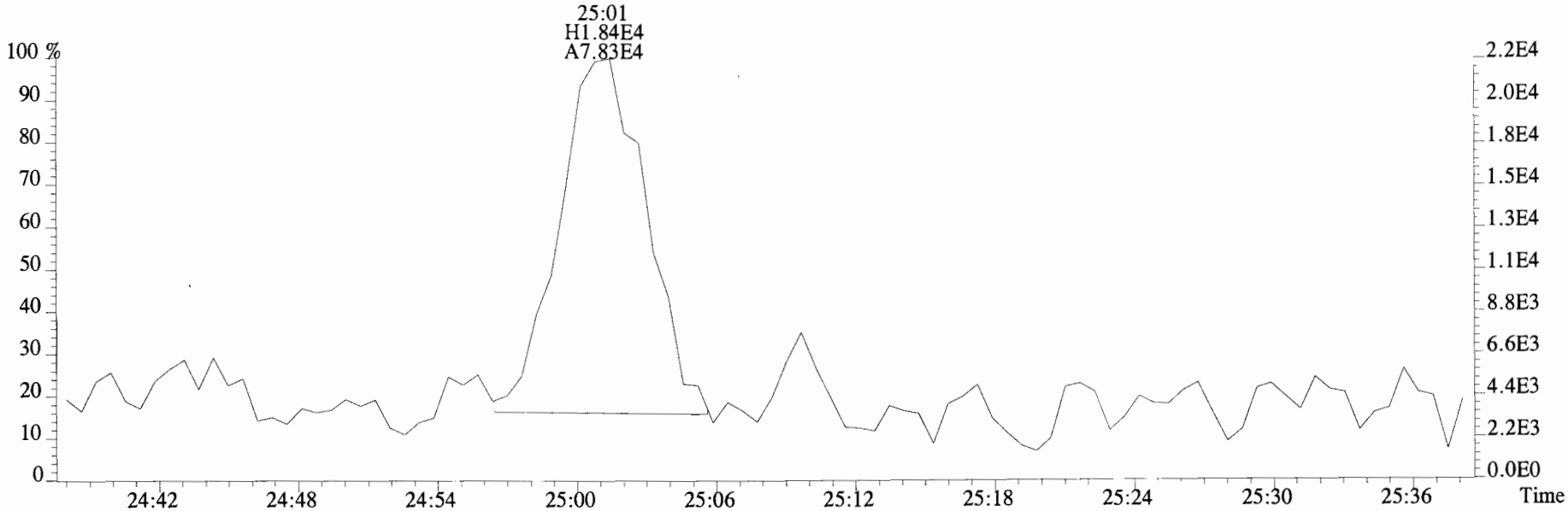
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,165960.0,0.00%,F,F)



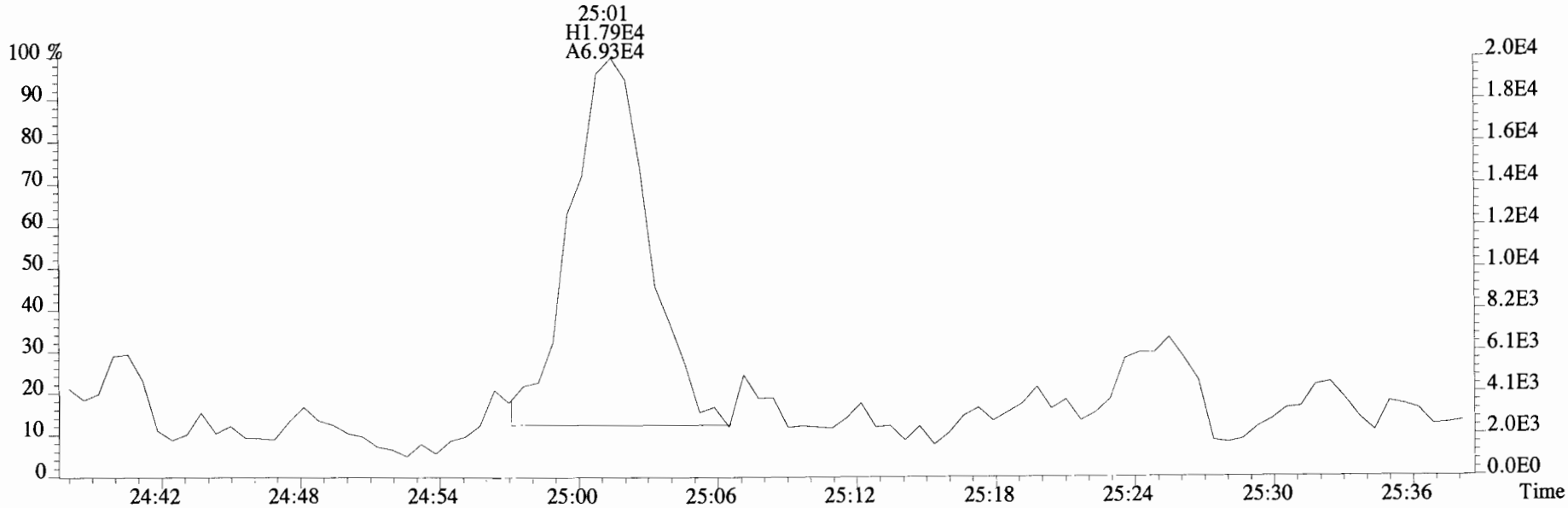
230.9856 S:5 F:2



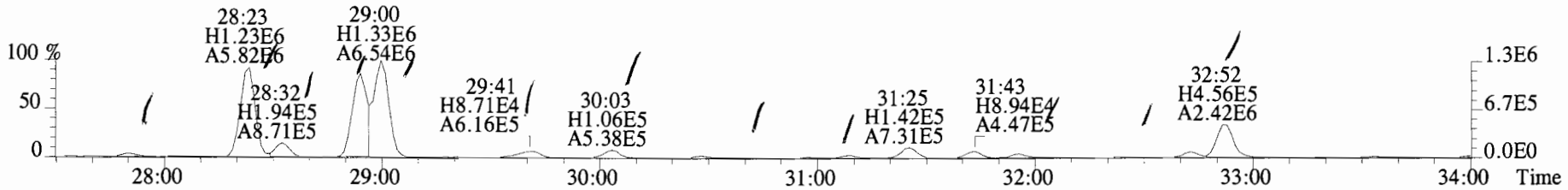
File:180118E2 #1-757 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6240.0,0.00%,F,F)



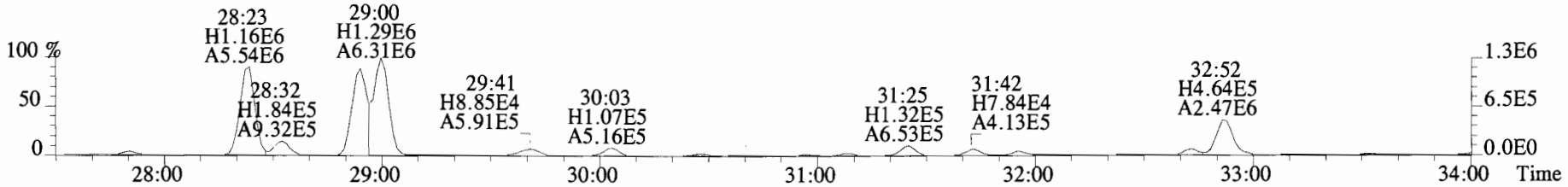
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4272.0,0.00%,F,F)



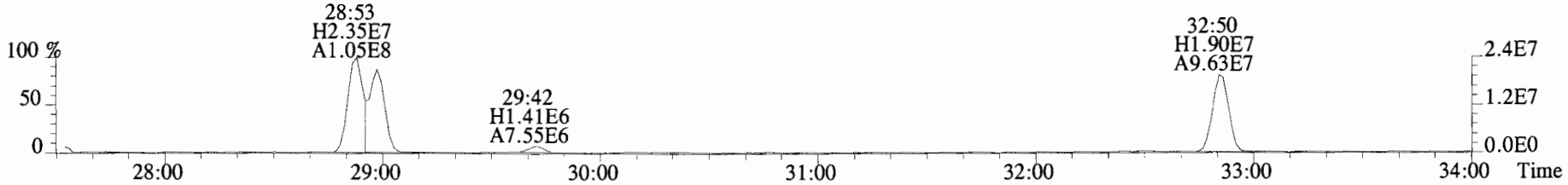
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



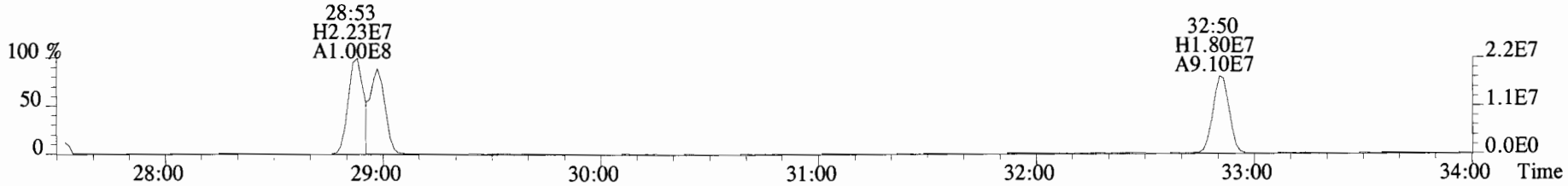
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)



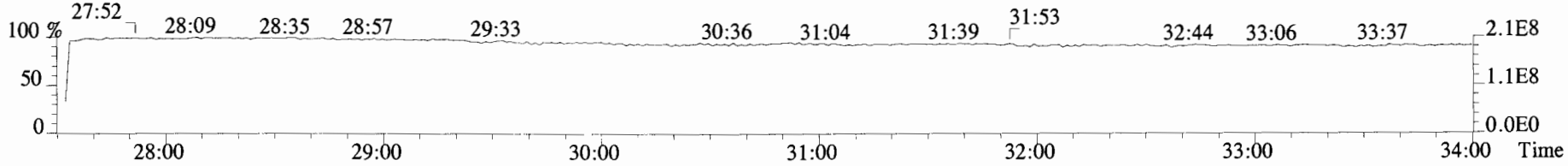
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,211480.0,0.00%,F,F)



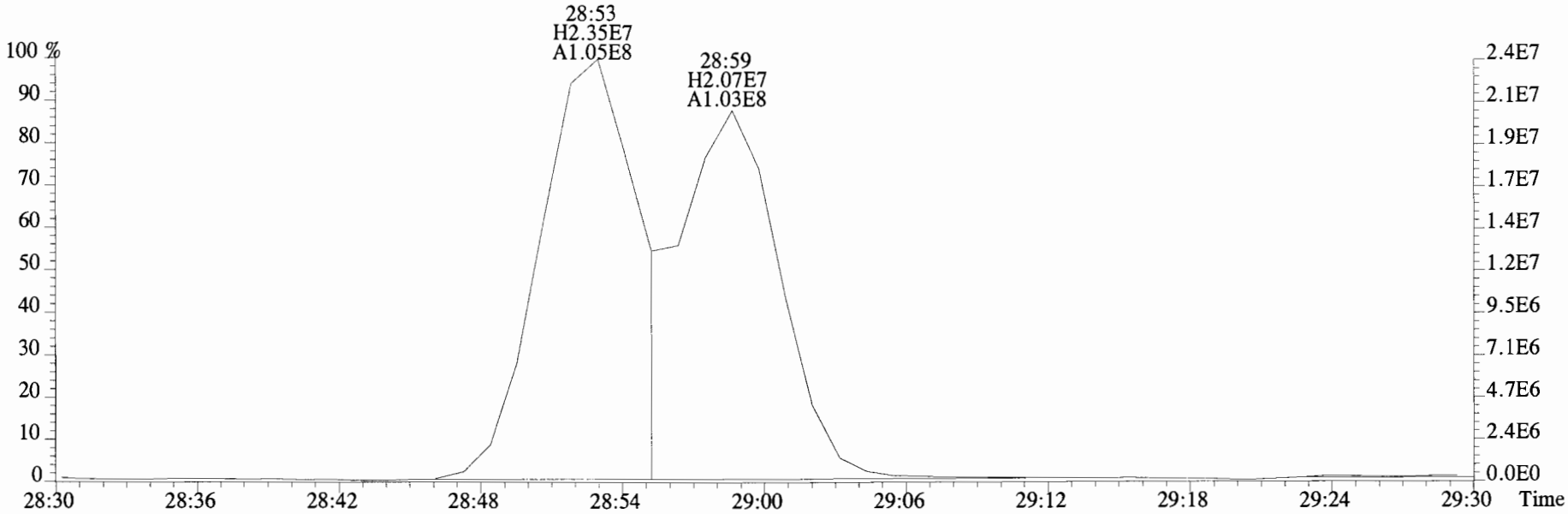
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,76836.0,0.00%,F,F)



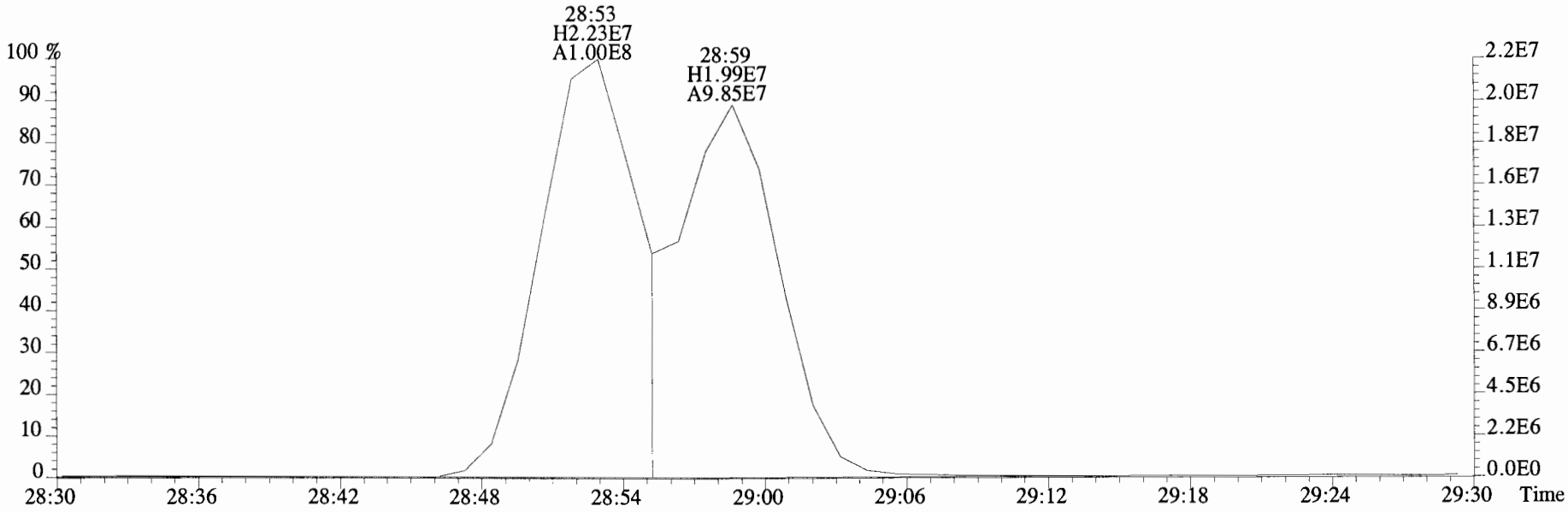
330.9792 S:5 F:3



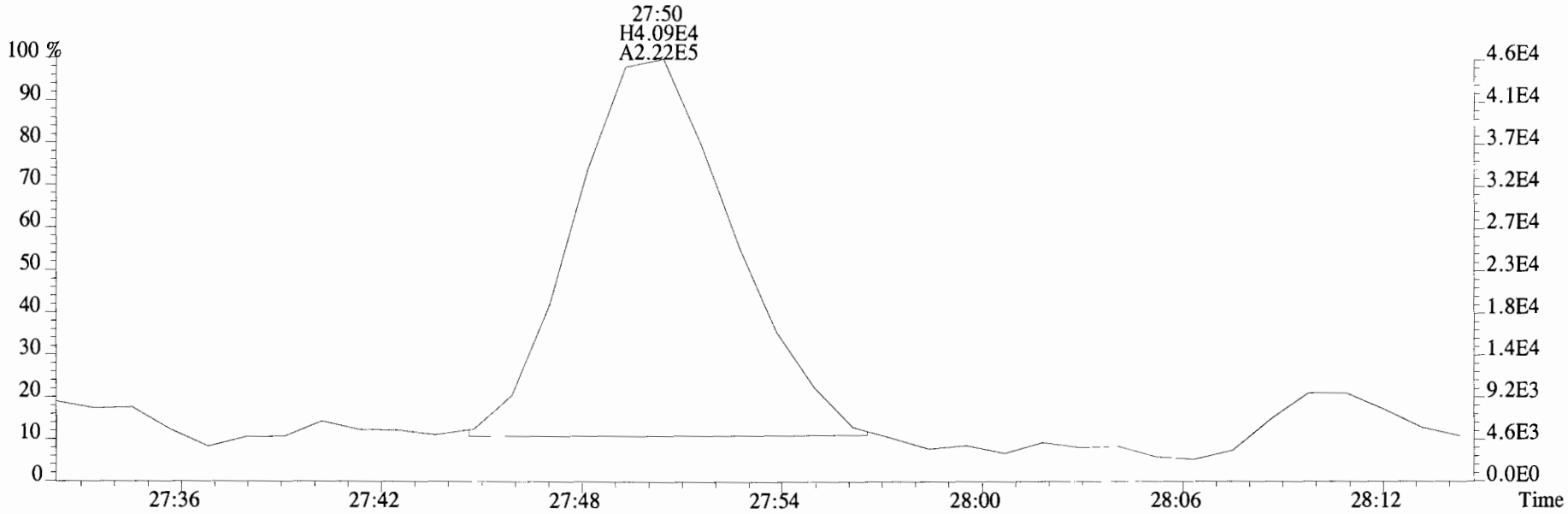
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,211480.0,0.00%,F,F)



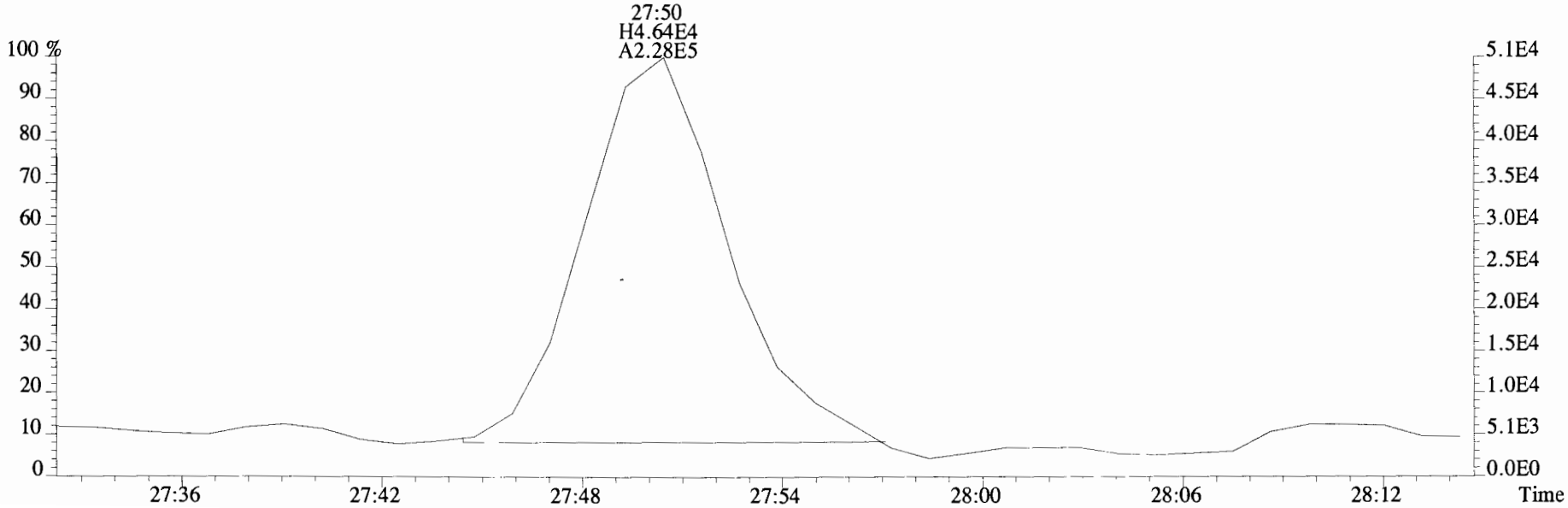
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,76836.0,0.00%,F,F)



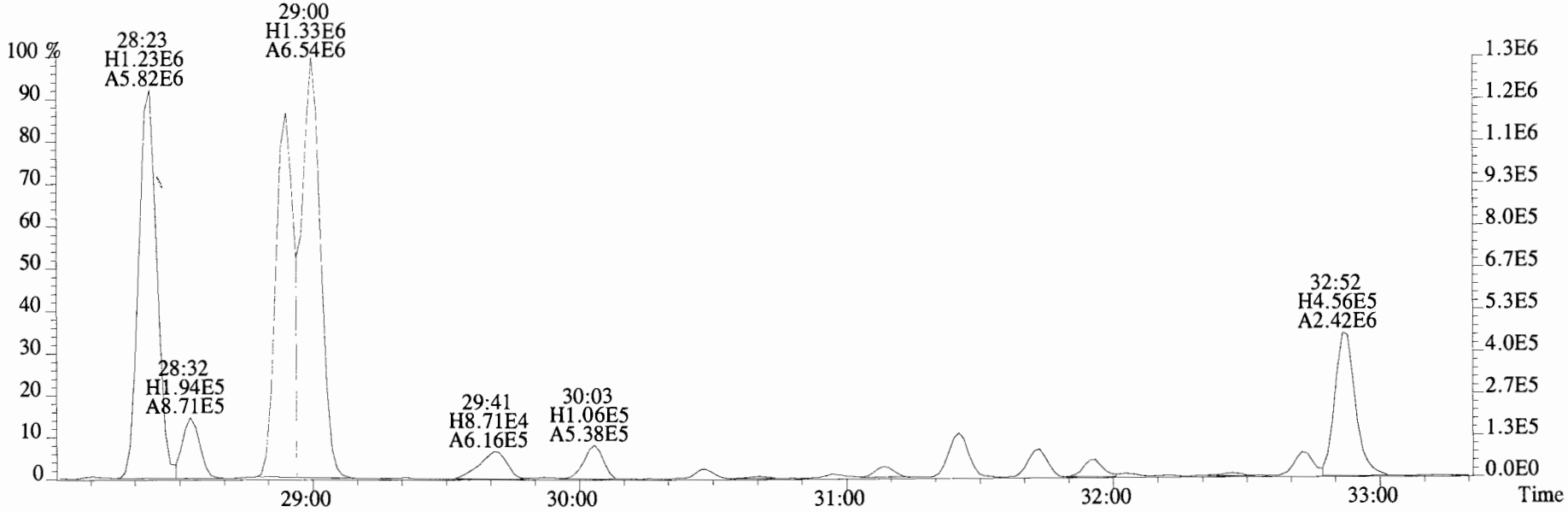
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



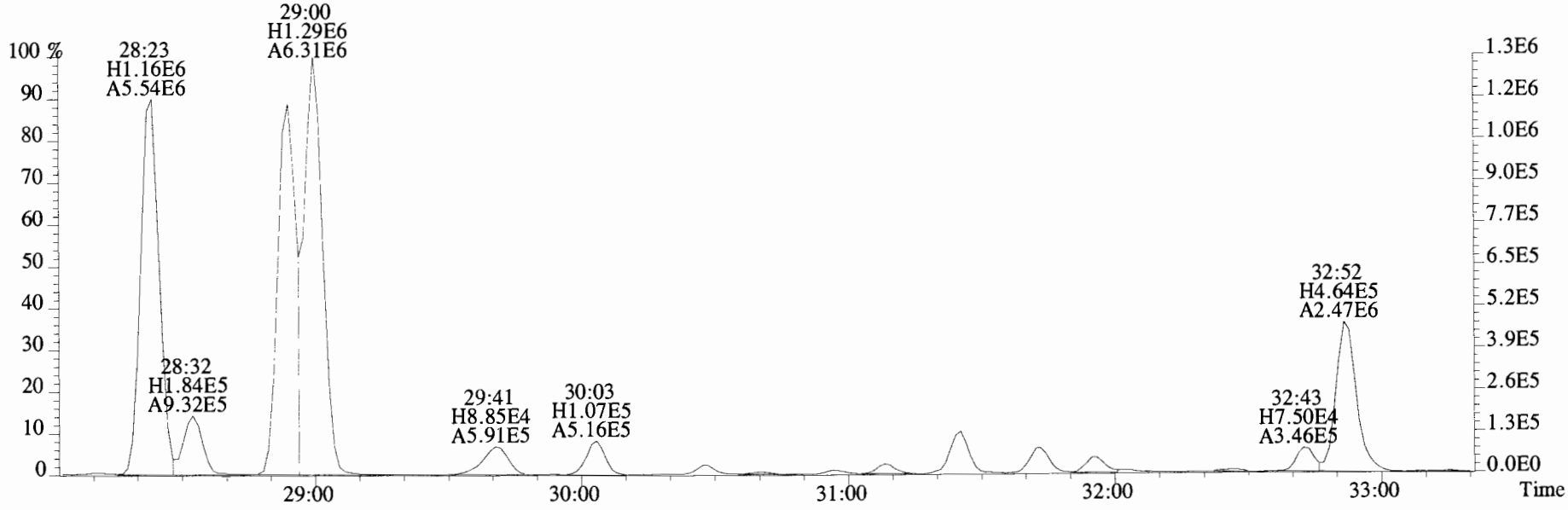
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)



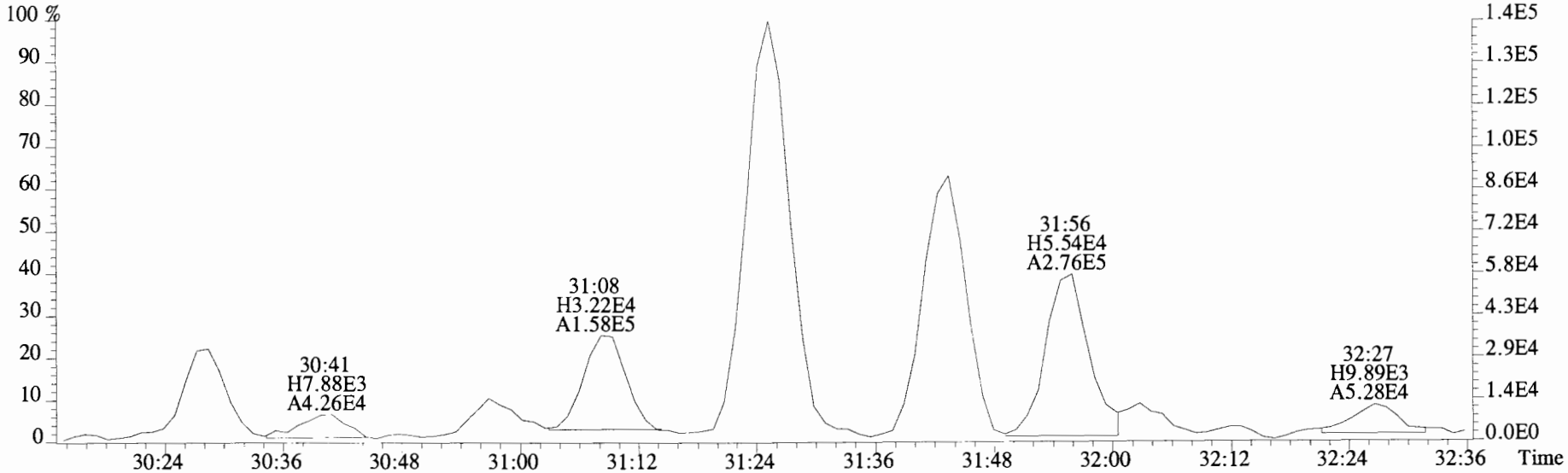
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



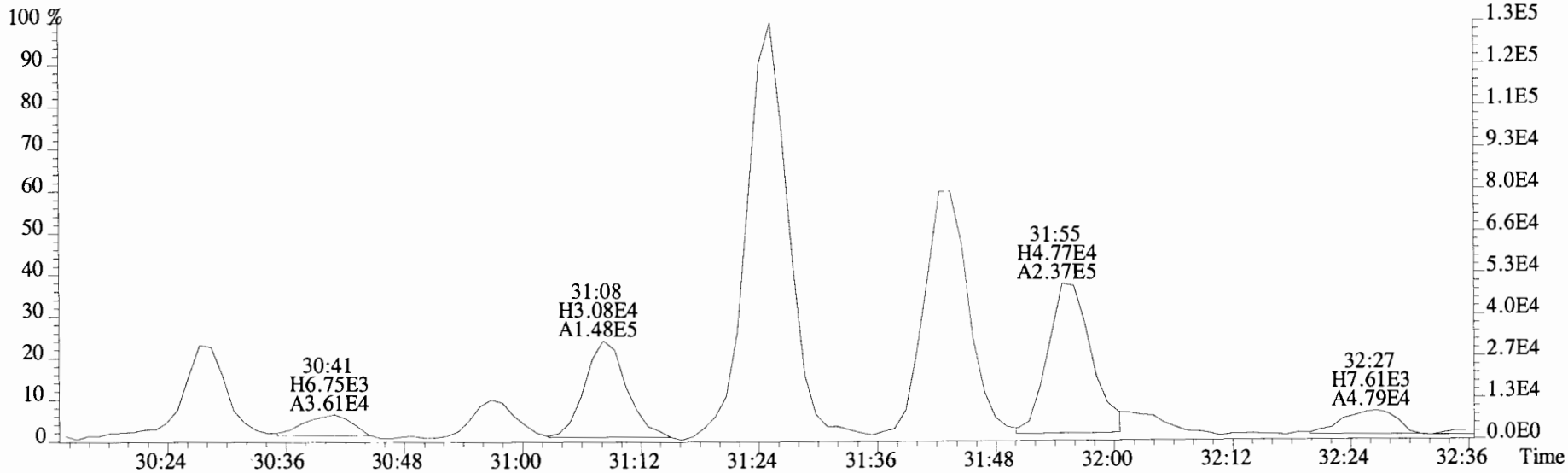
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)



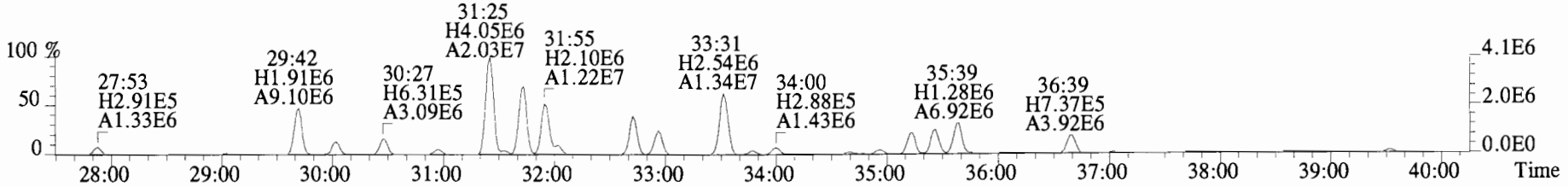
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4780.0,0.00%,F,F)



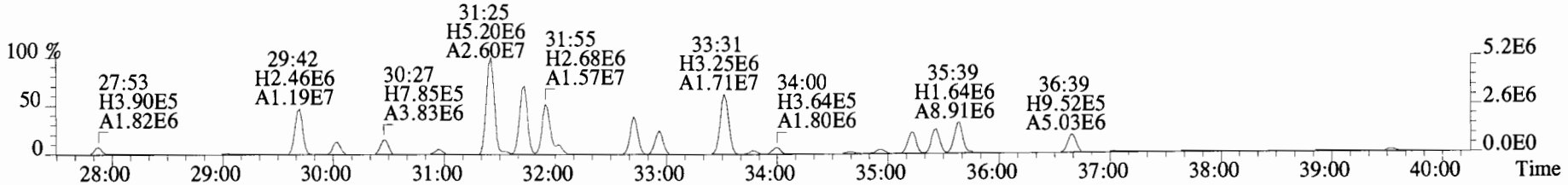
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3448.0,0.00%,F,F)



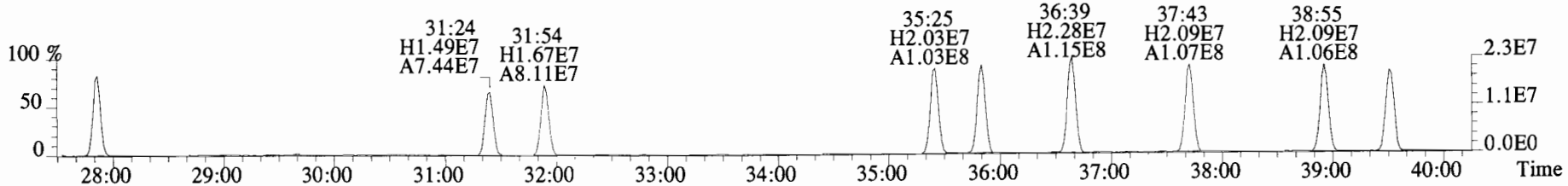
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



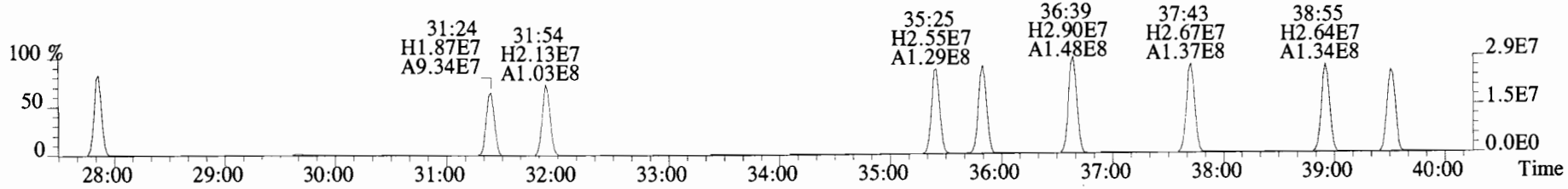
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



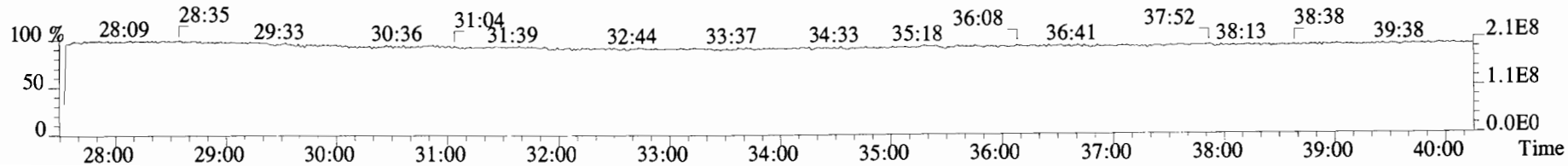
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87036.0,0.00%,F,F)



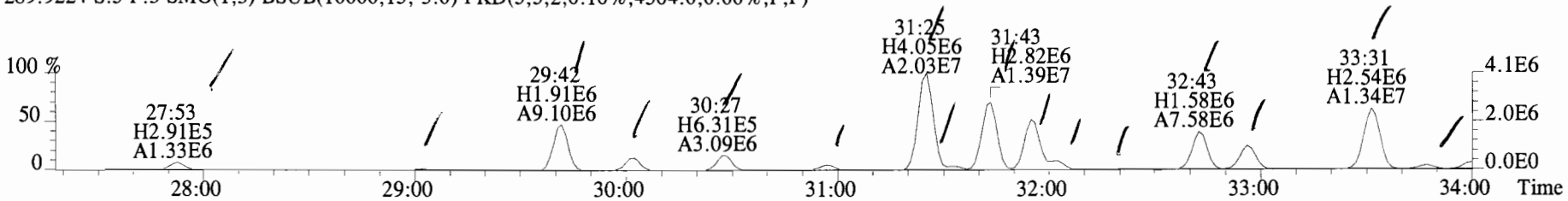
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38952.0,0.00%,F,F)



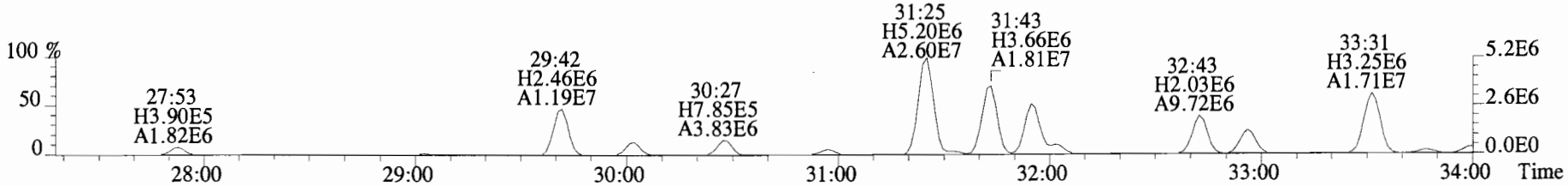
330.9792 S:5 F:3



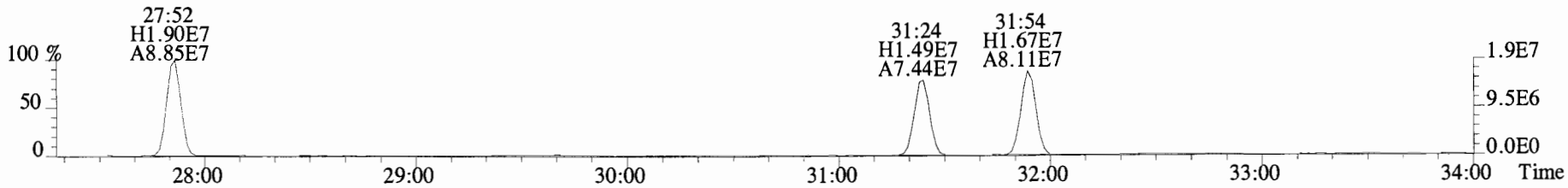
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



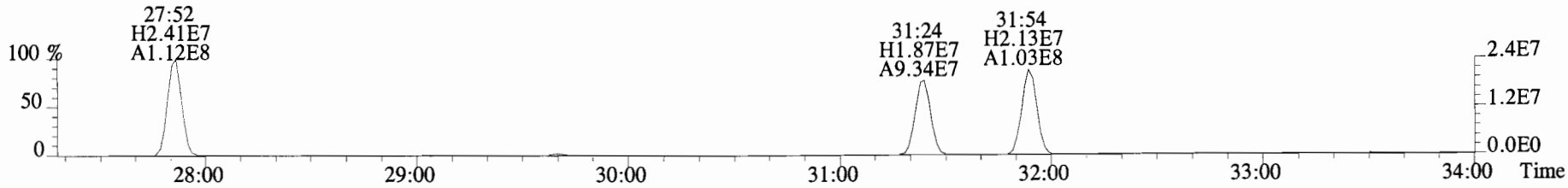
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



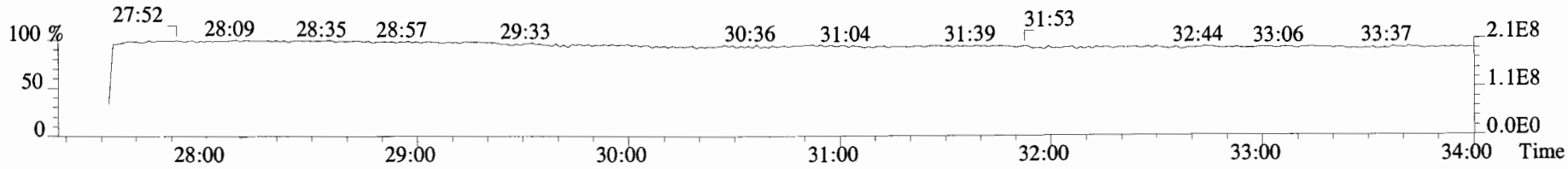
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87036.0,0.00%,F,F)



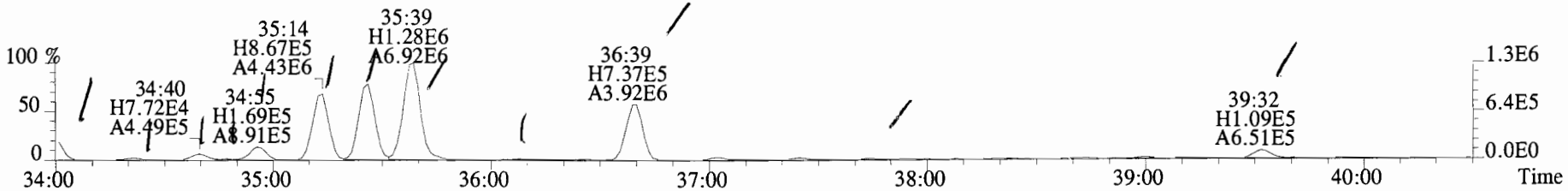
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38952.0,0.00%,F,F)



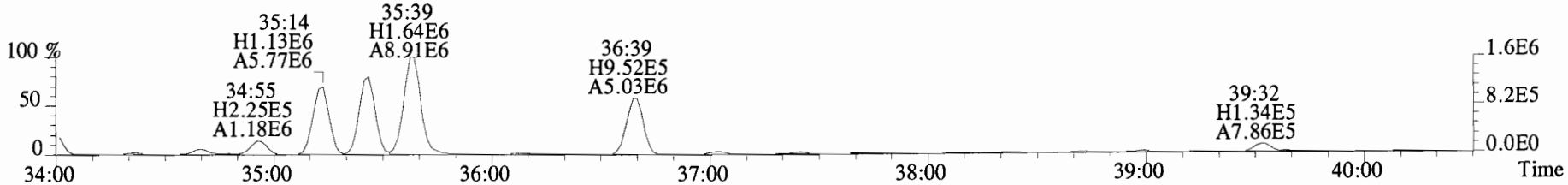
330.9792 S:5 F:3



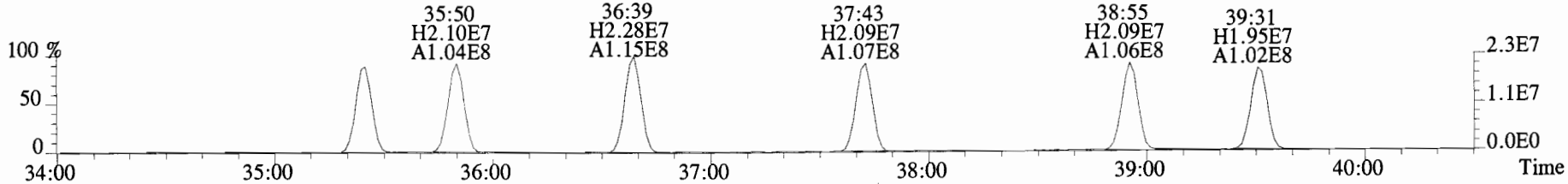
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



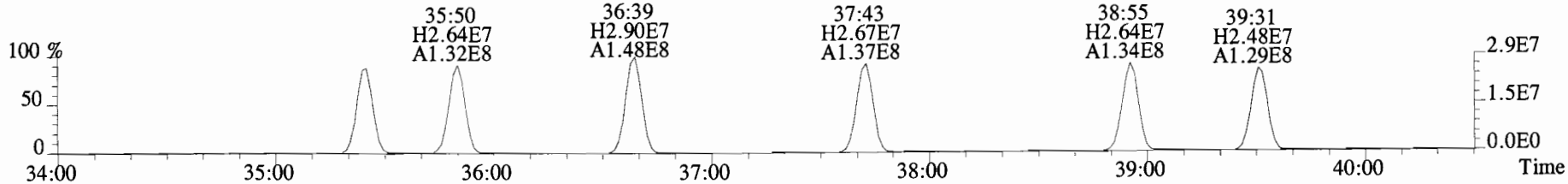
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



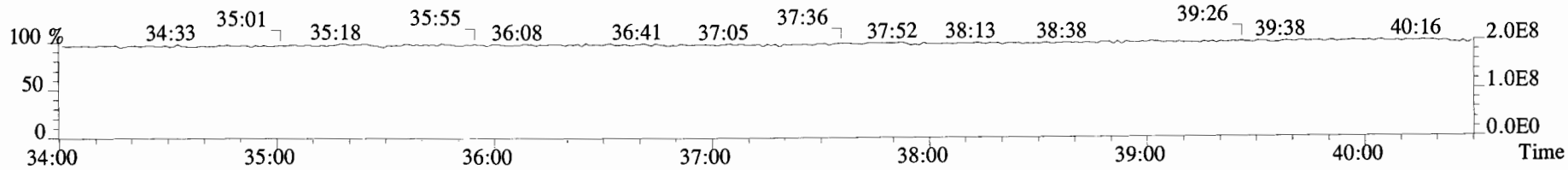
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87036.0,0.00%,F,F)



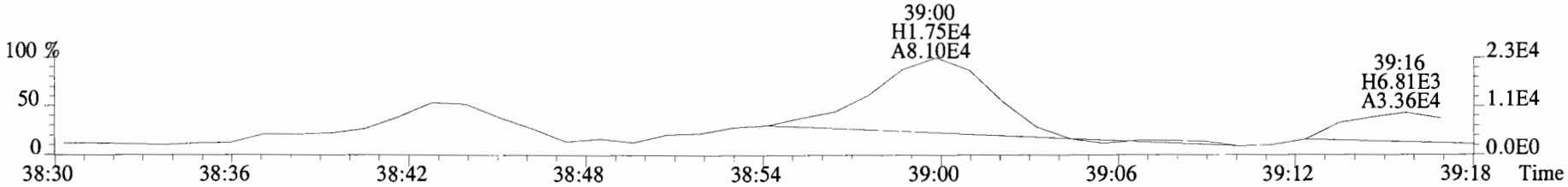
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38952.0,0.00%,F,F)



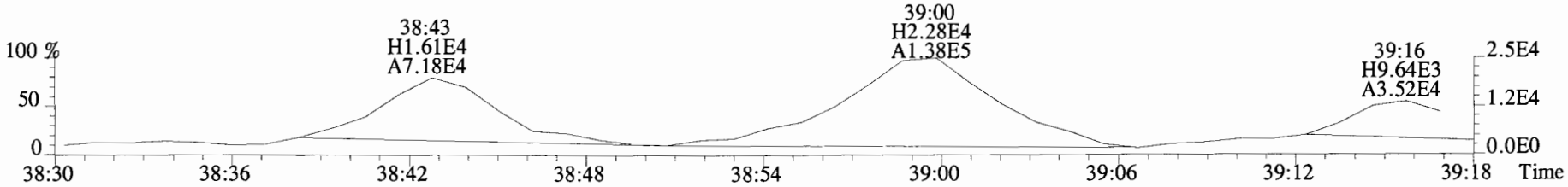
330.9792 S:5 F:3



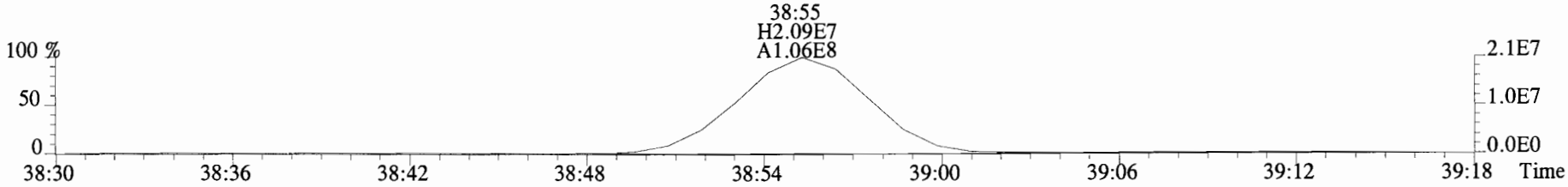
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



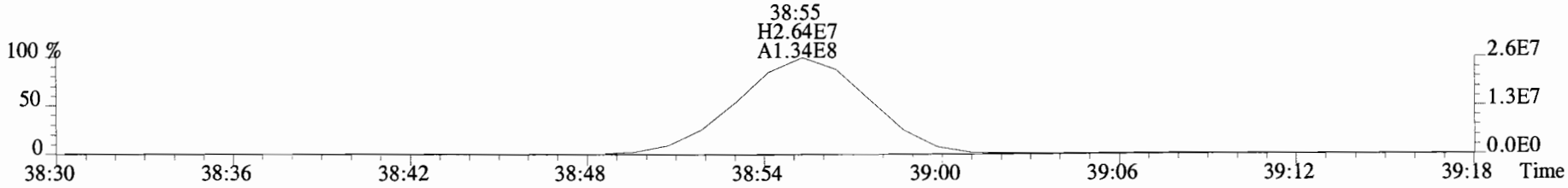
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



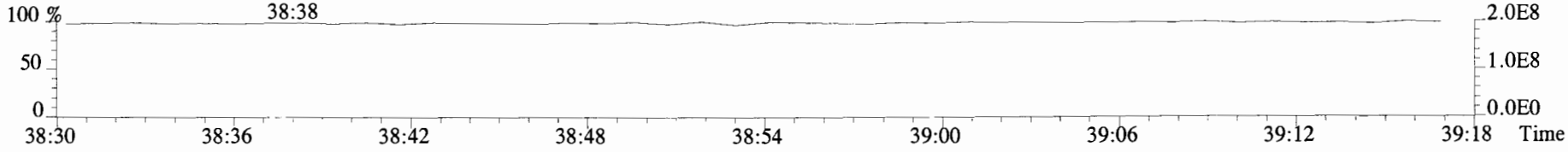
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87036.0,0.00%,F,F)



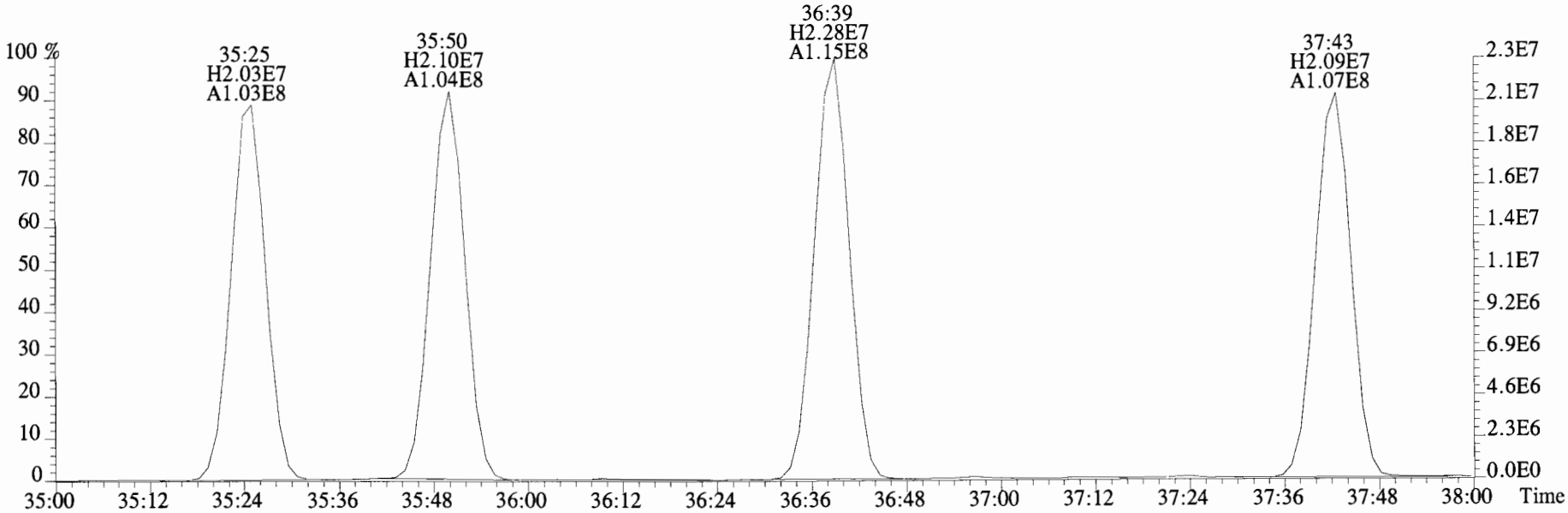
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38952.0,0.00%,F,F)



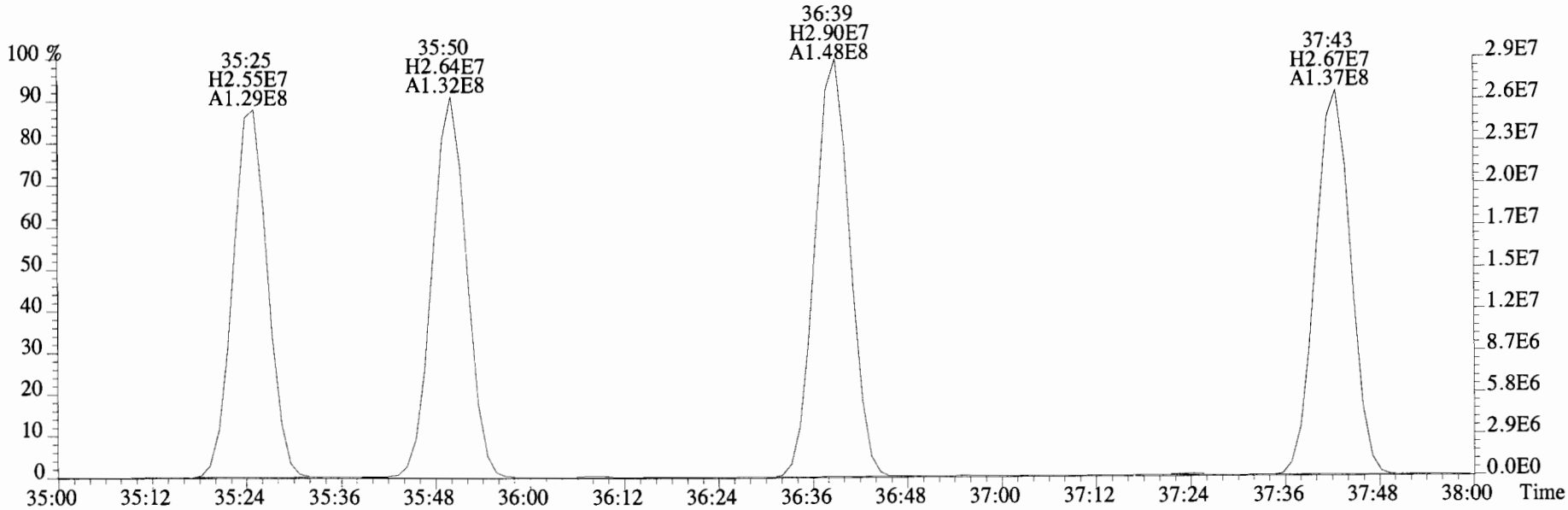
330.9792 S:5 F:3



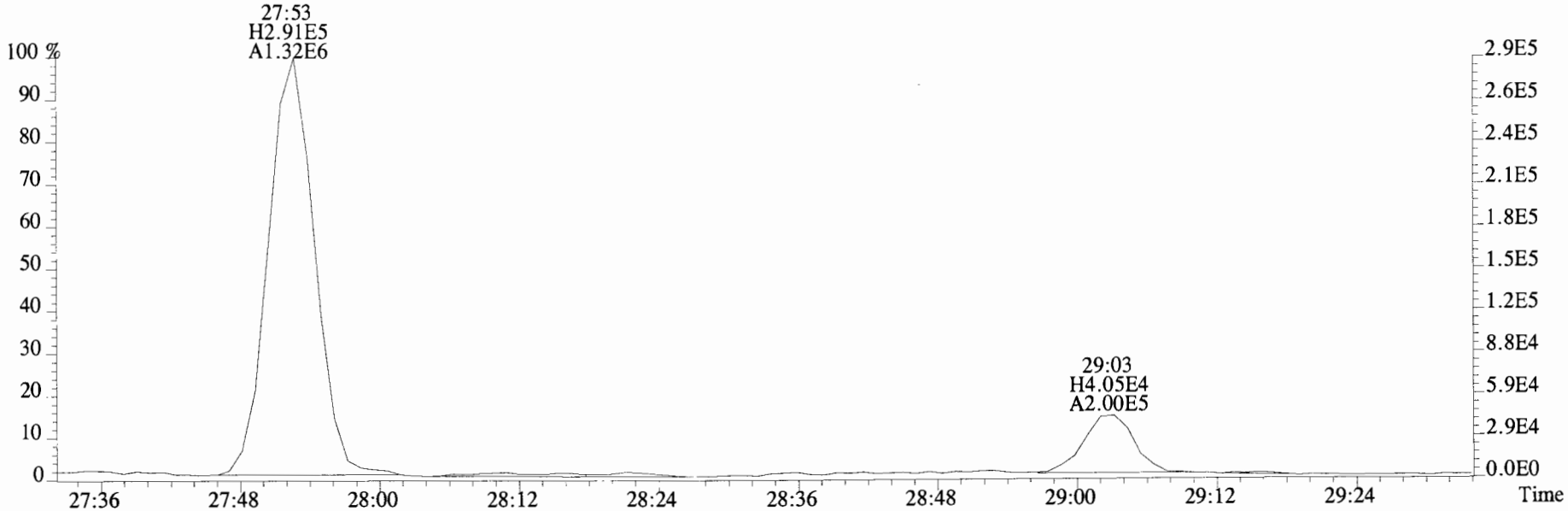
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87036.0,0.00%,F,F)



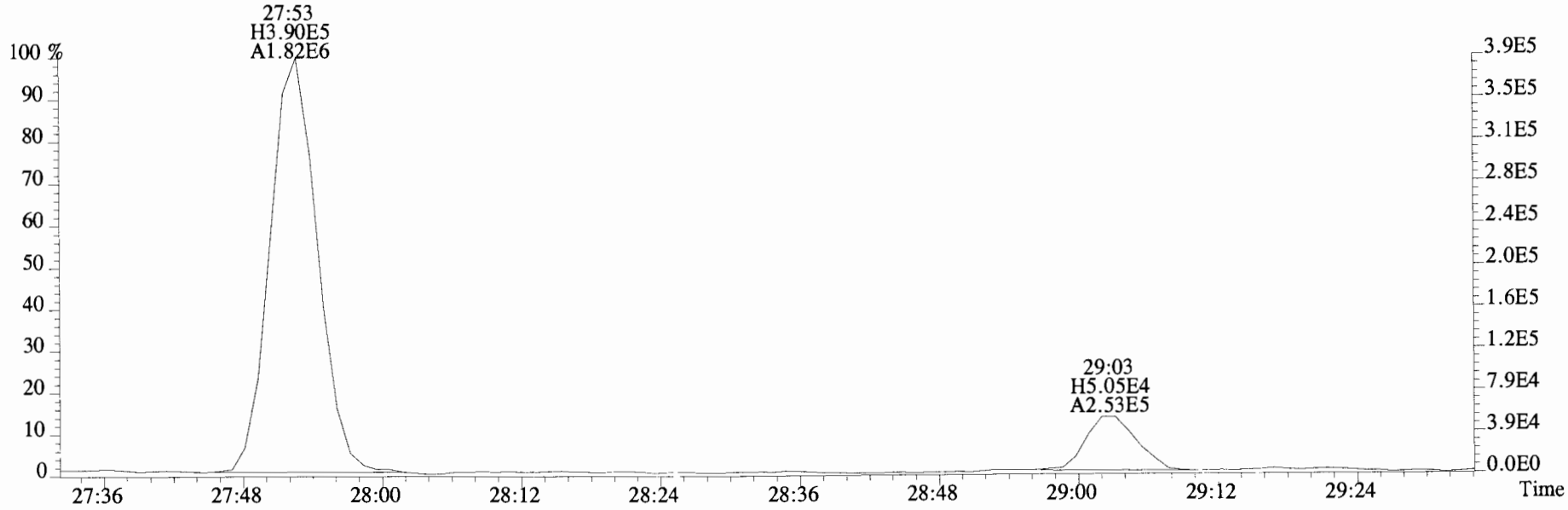
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38952.0,0.00%,F,F)



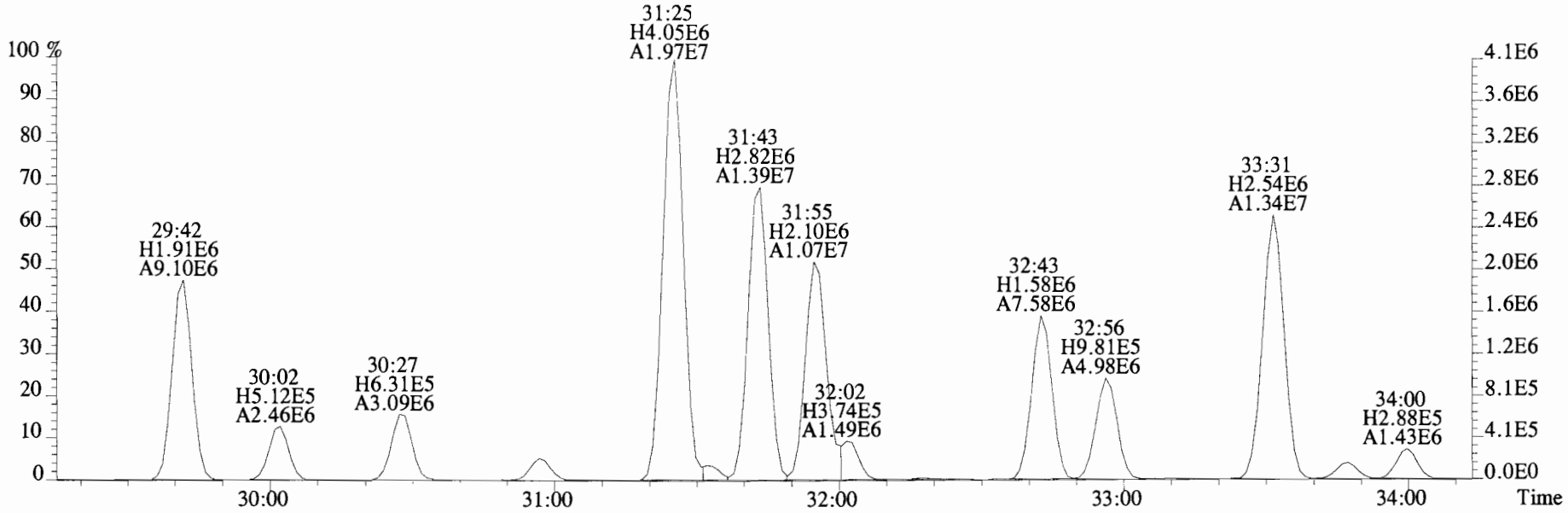
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



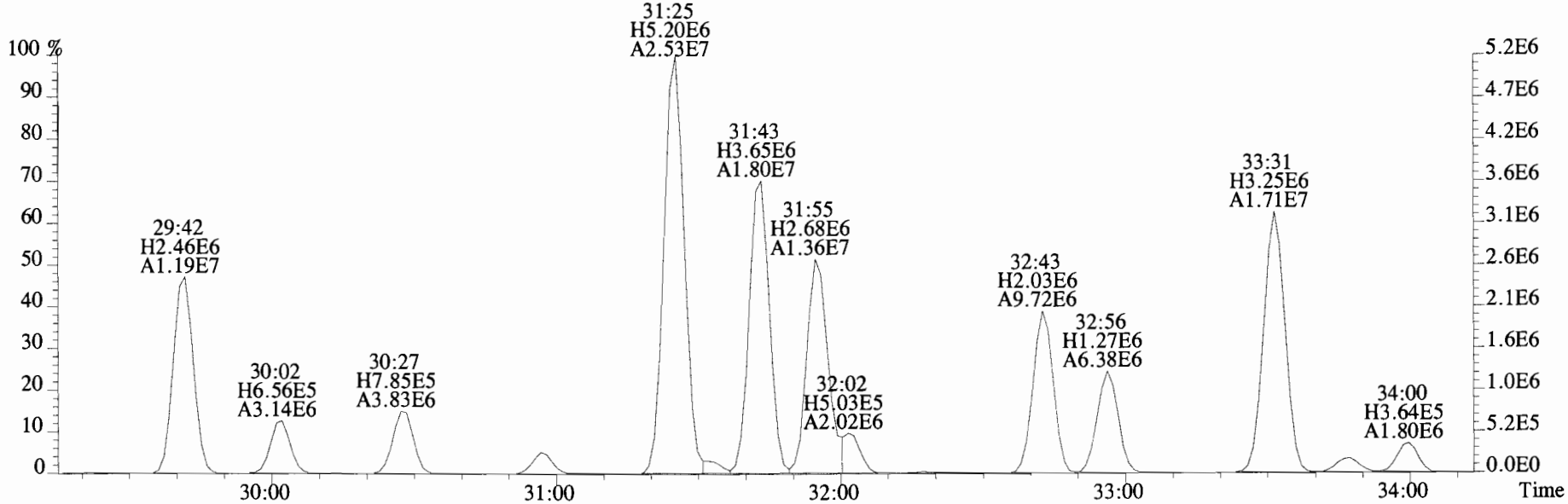
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



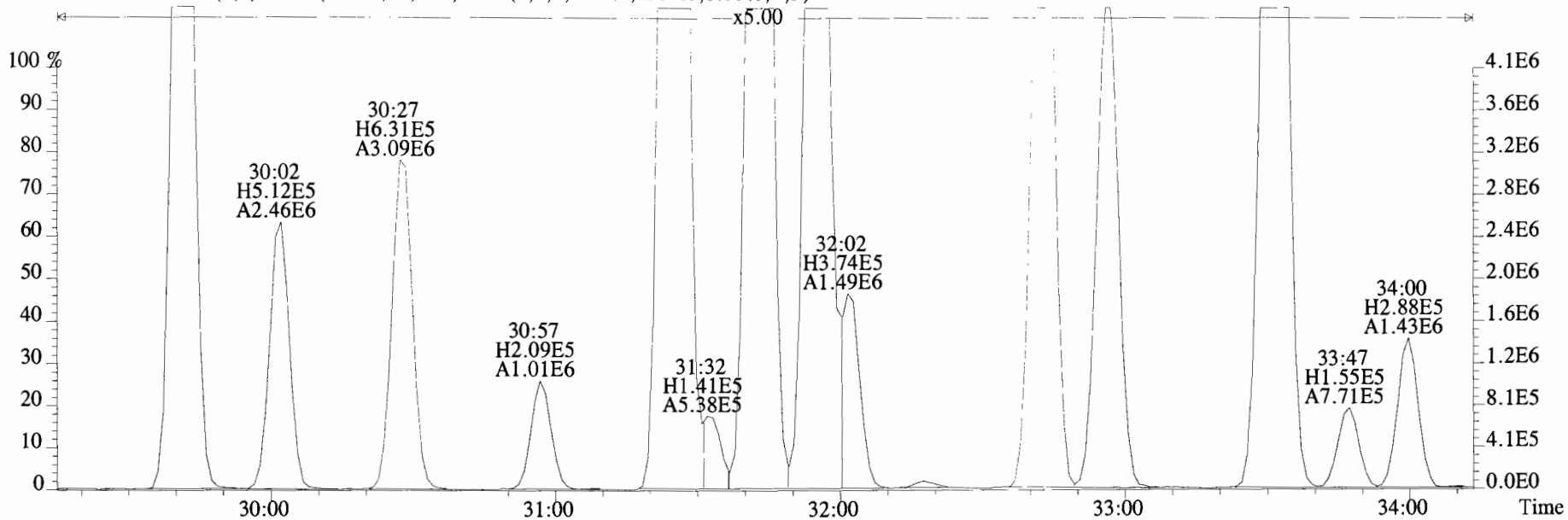
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



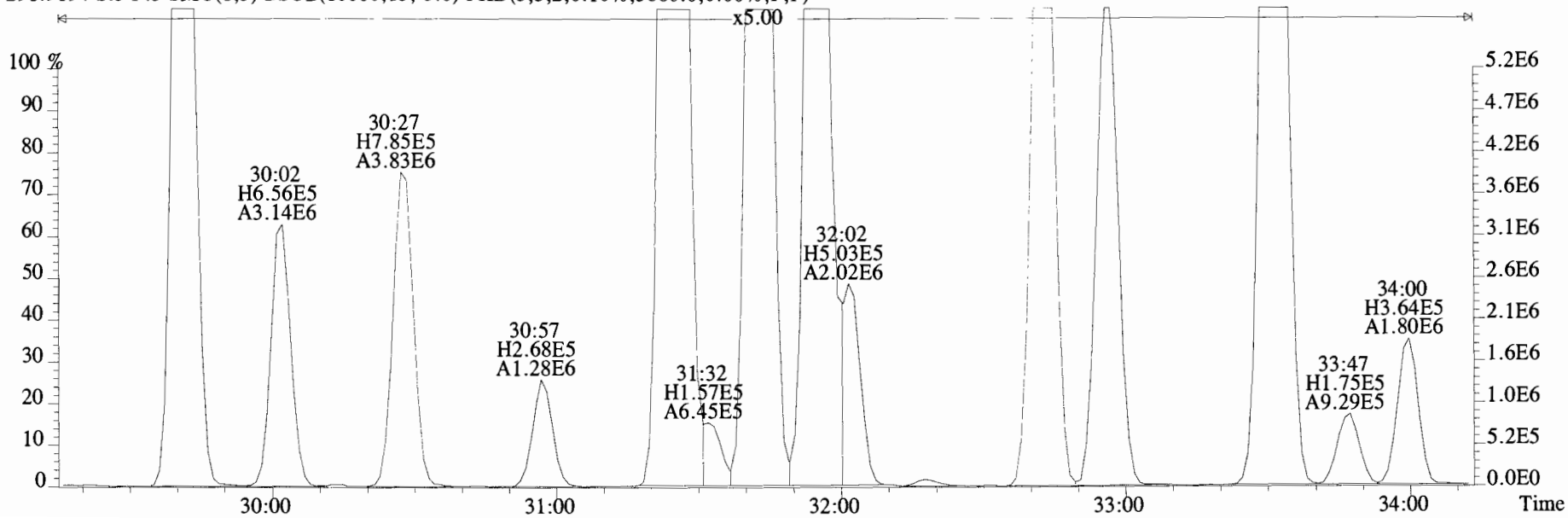
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



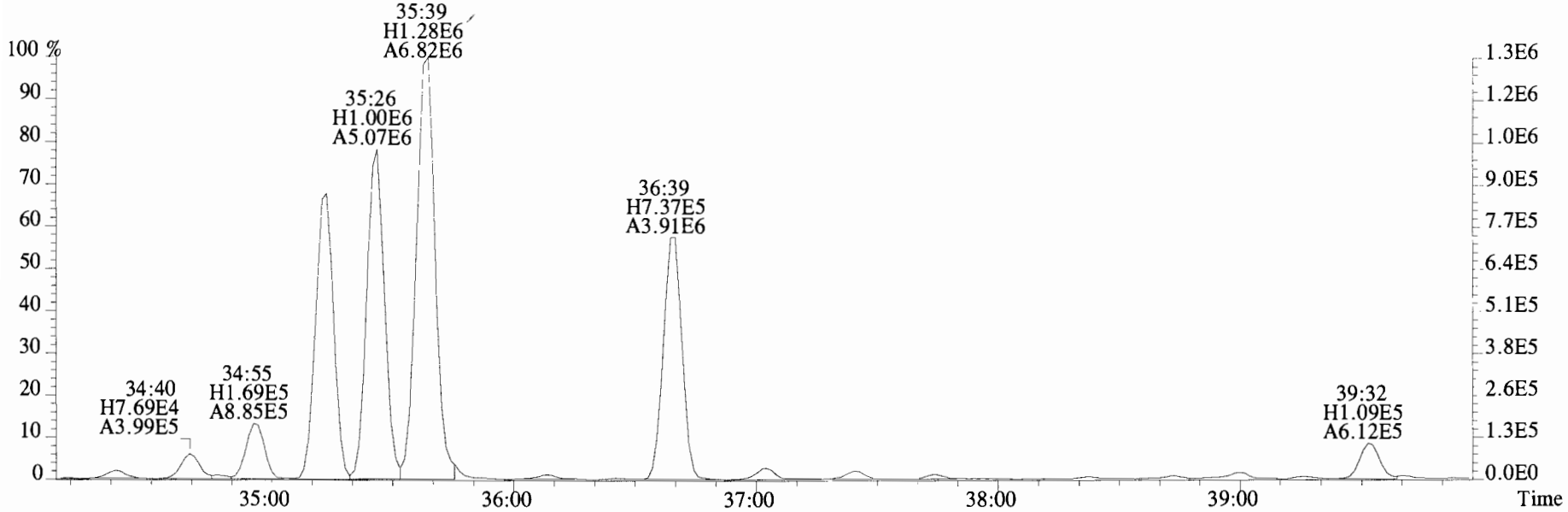
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



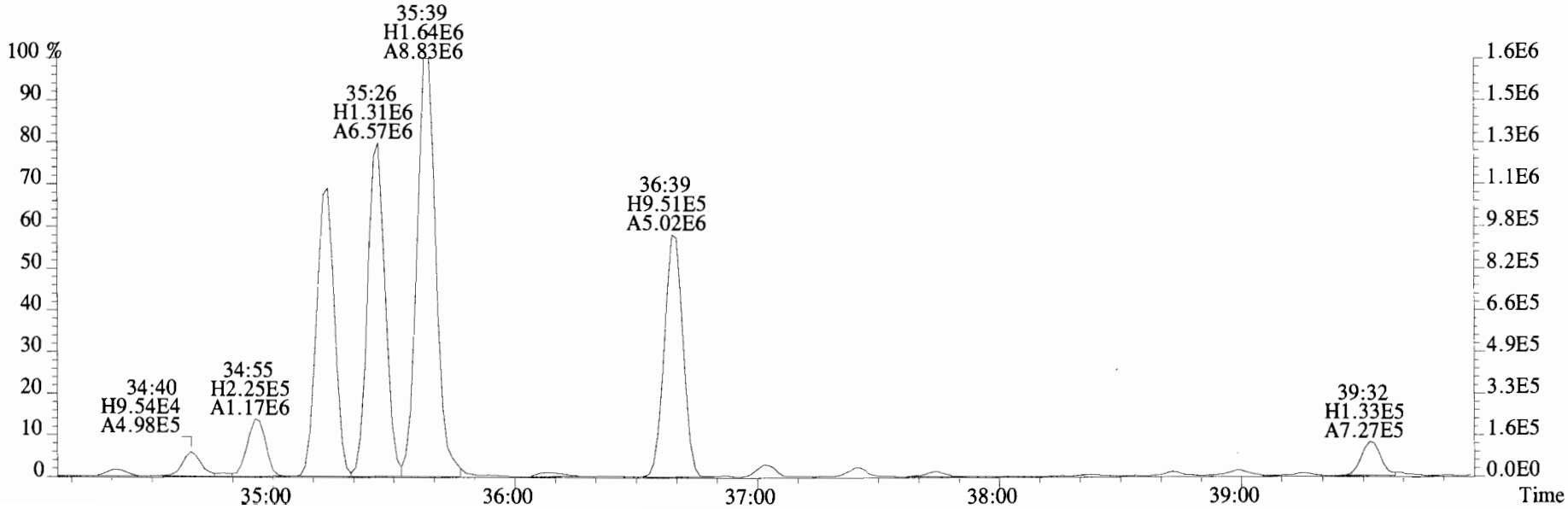
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



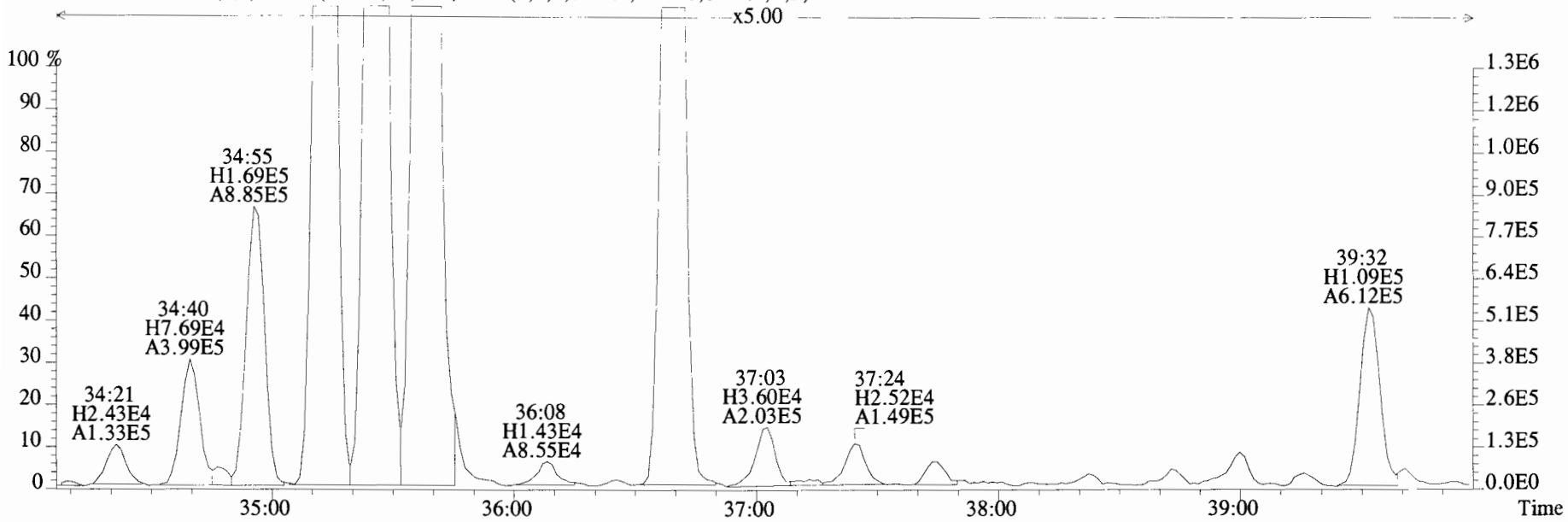
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



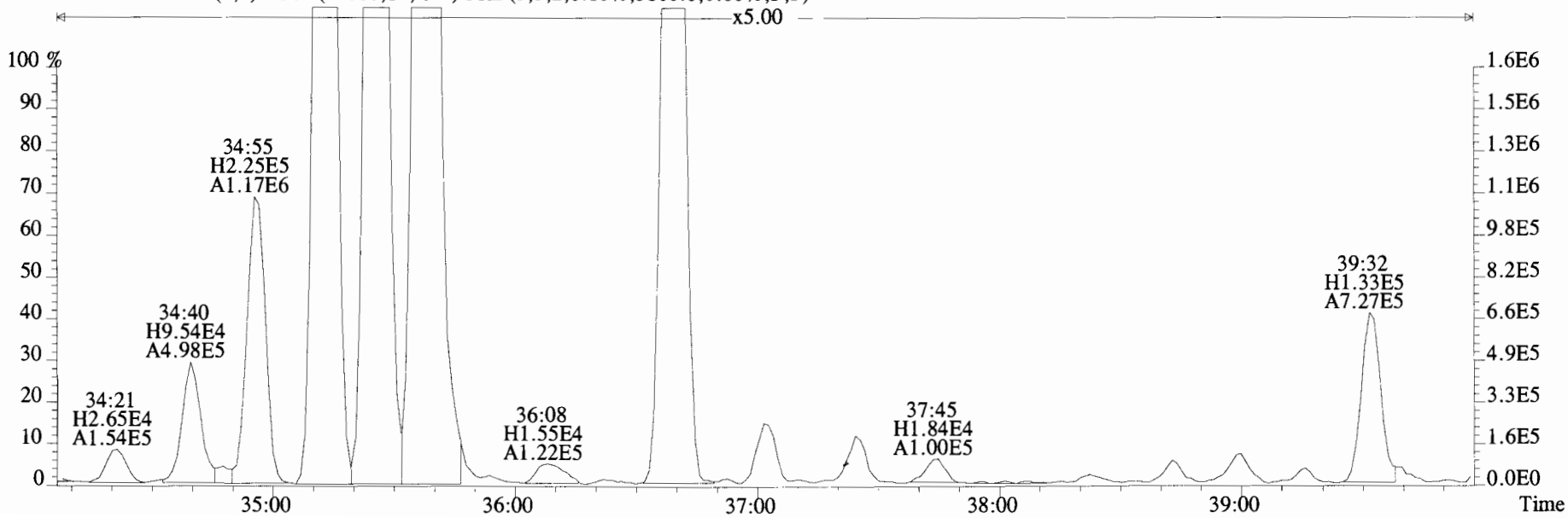
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



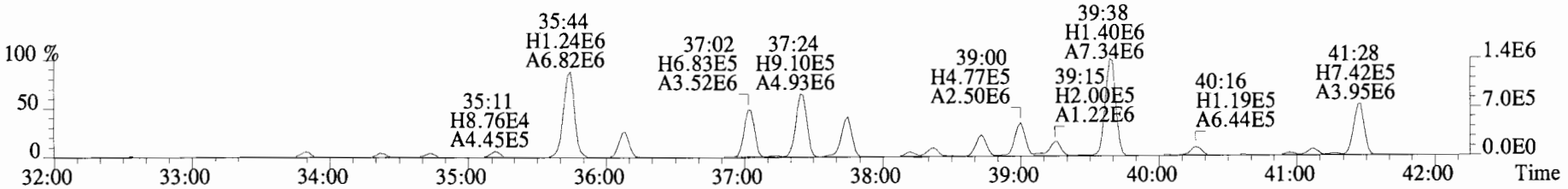
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4504.0,0.00%,F,F)



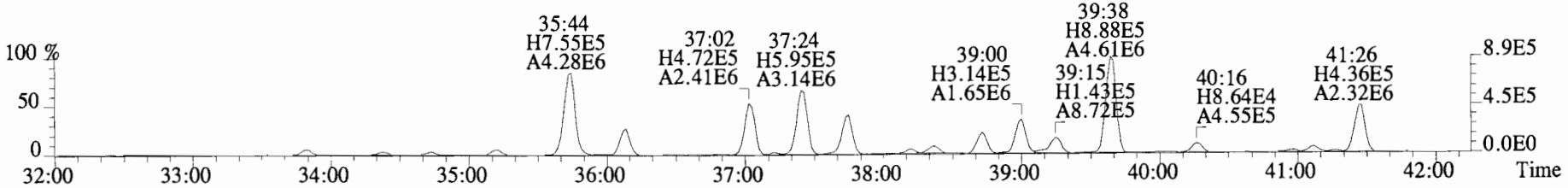
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3860.0,0.00%,F,F)



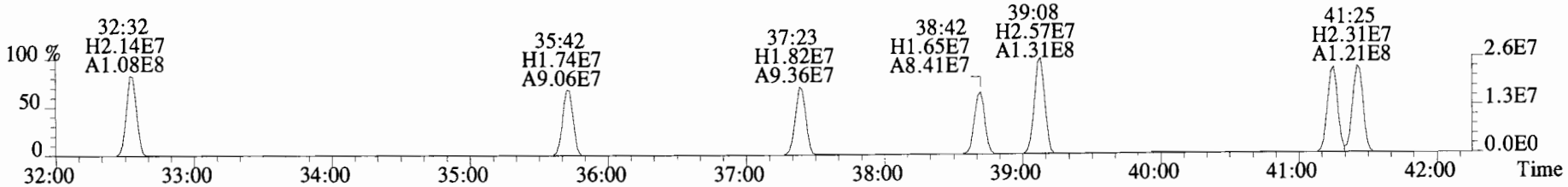
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)



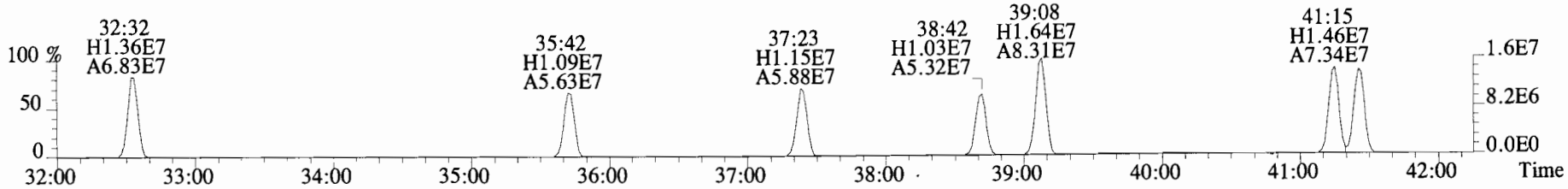
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)



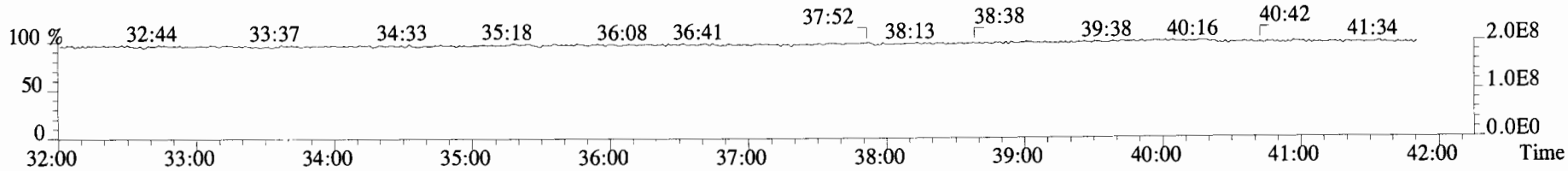
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7540.0,0.00%,F,F)



339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5356.0,0.00%,F,F)

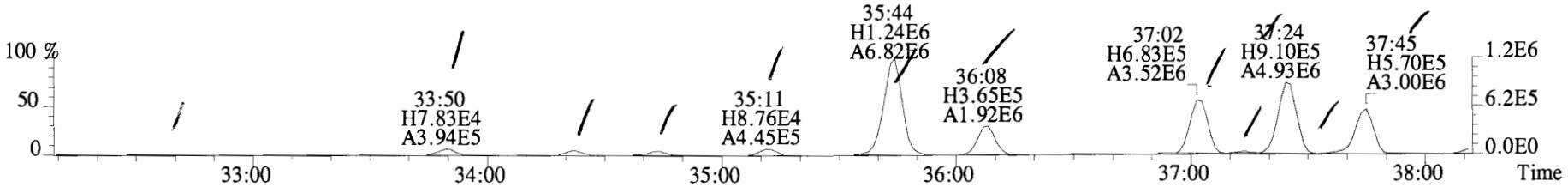


330.9792 S:5 F:3

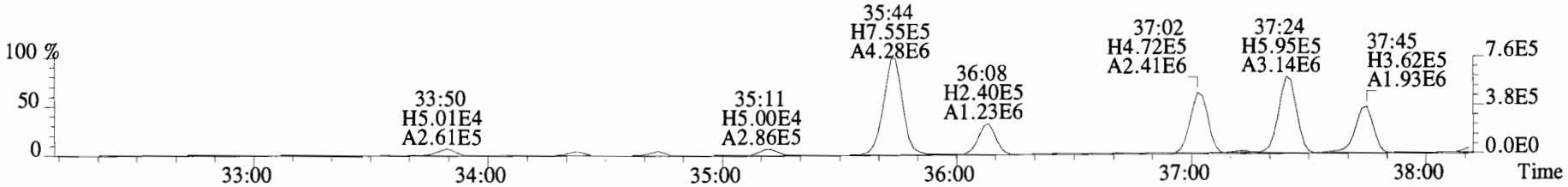


File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1

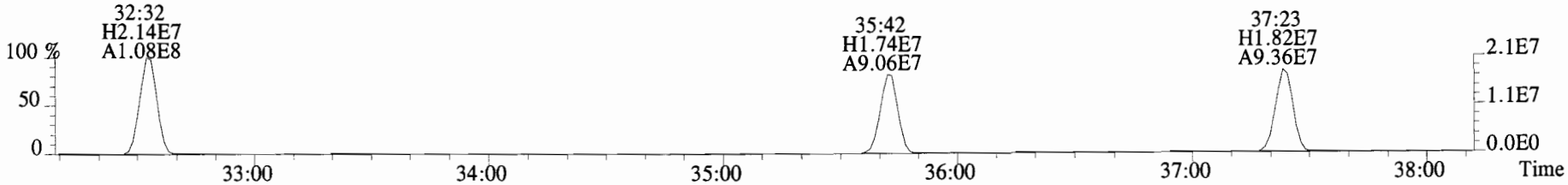
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)



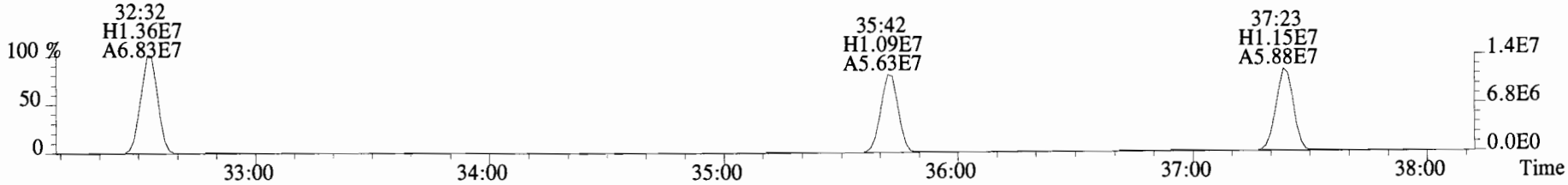
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)



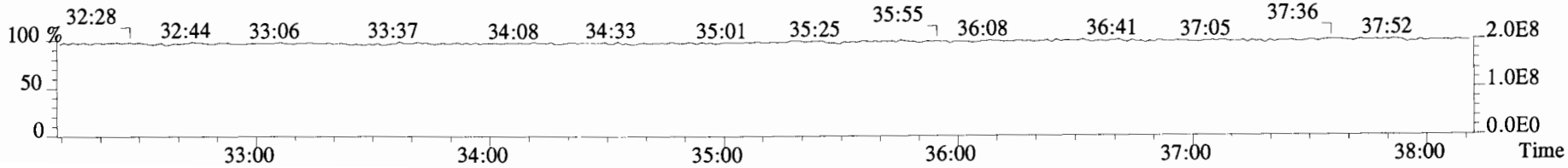
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7540.0,0.00%,F,F)



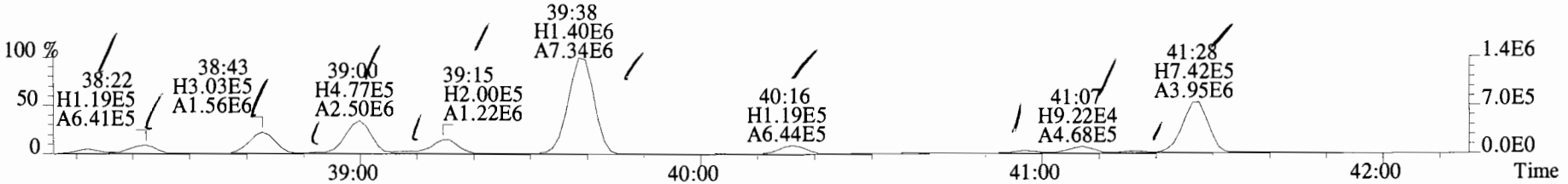
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5356.0,0.00%,F,F)



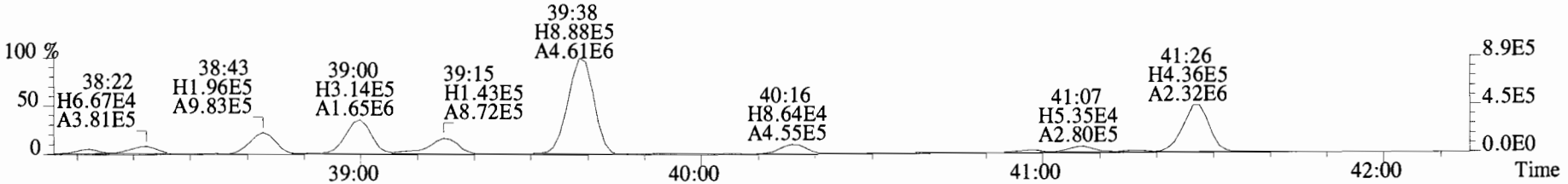
330.9792 S:5 F:3



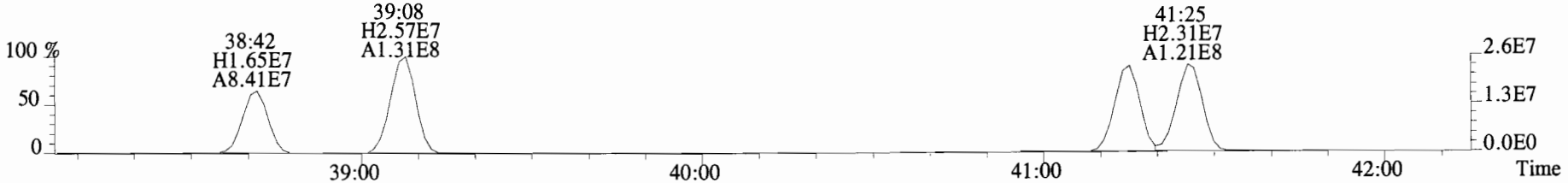
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)



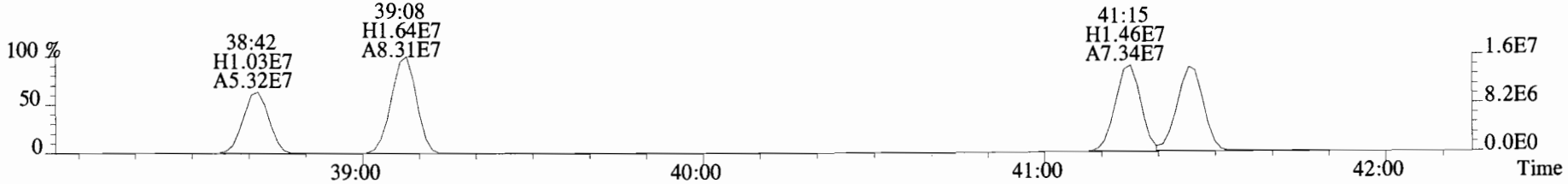
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)



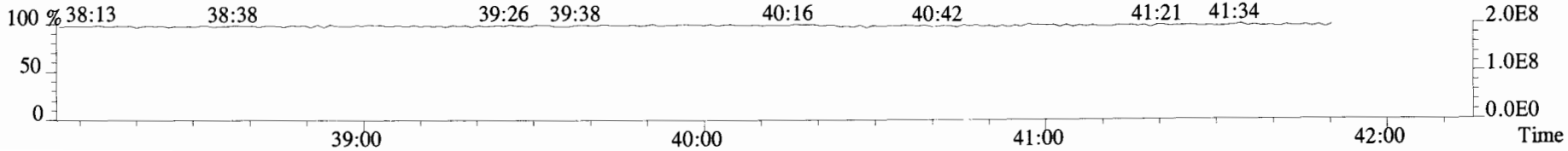
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7540.0,0.00%,F,F)



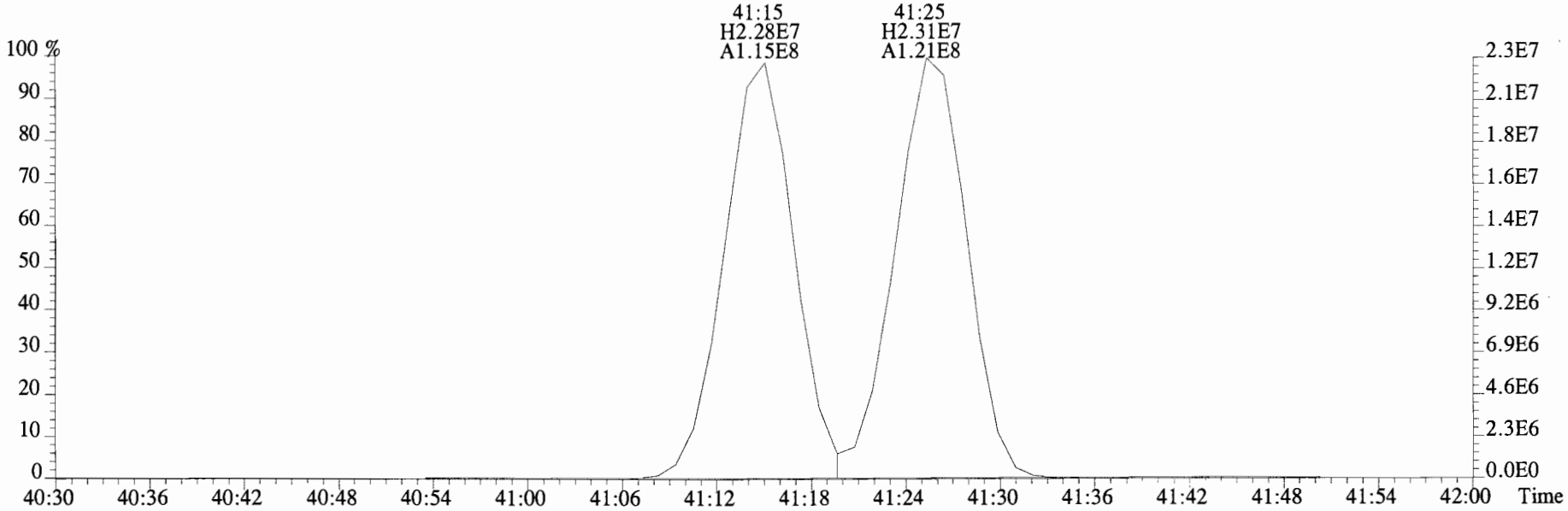
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5356.0,0.00%,F,F)



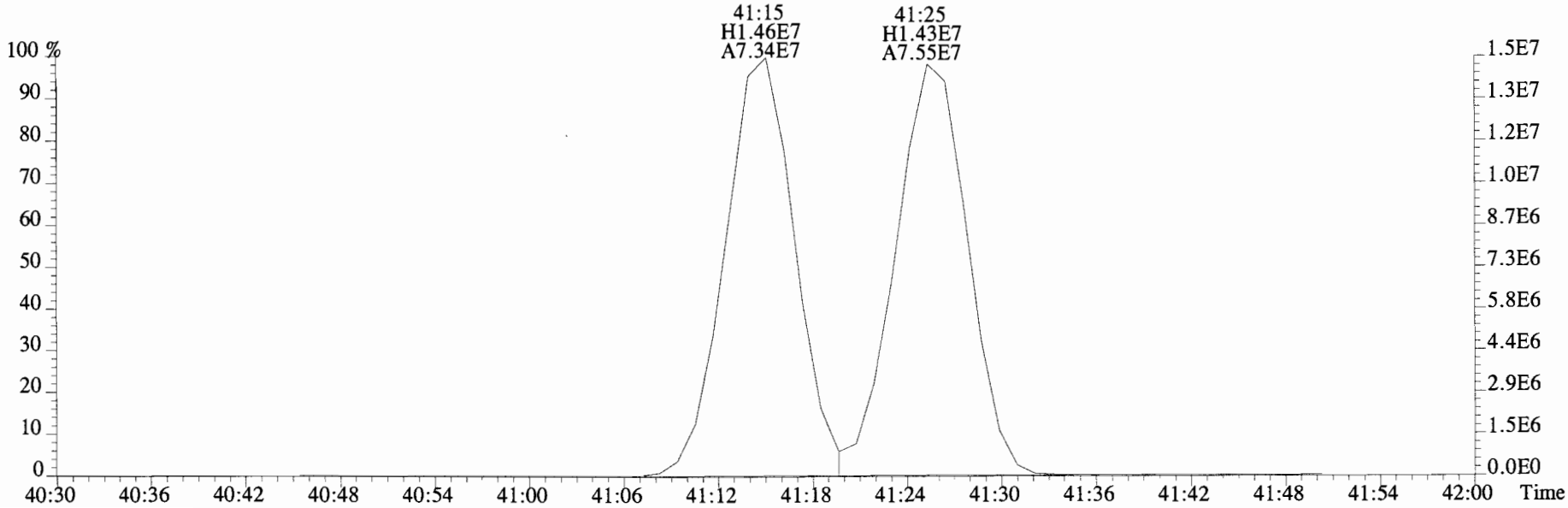
330.9792 S:5 F:3



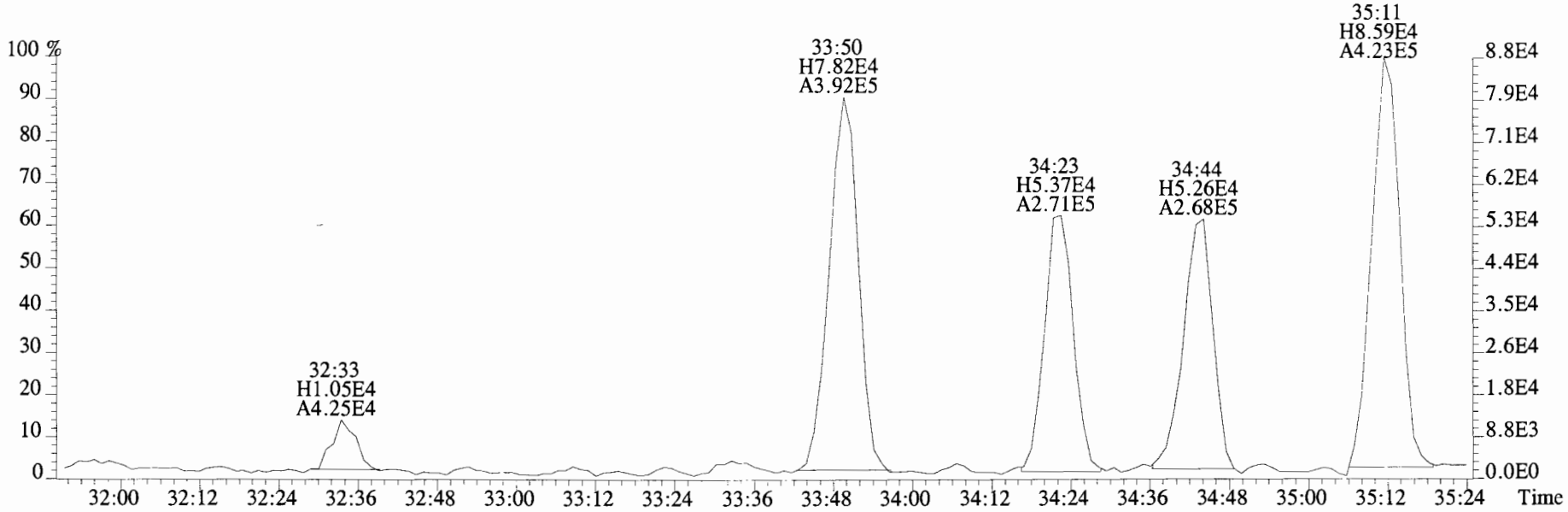
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7540.0,0.00%,F,F)



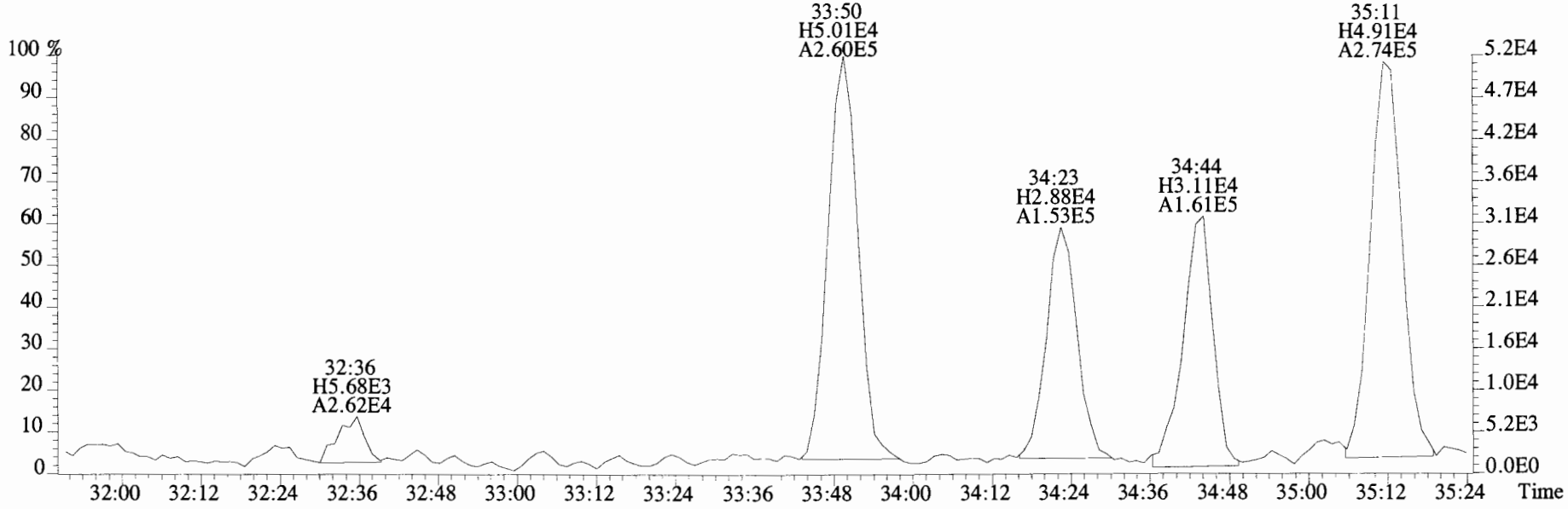
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5356.0,0.00%,F,F)



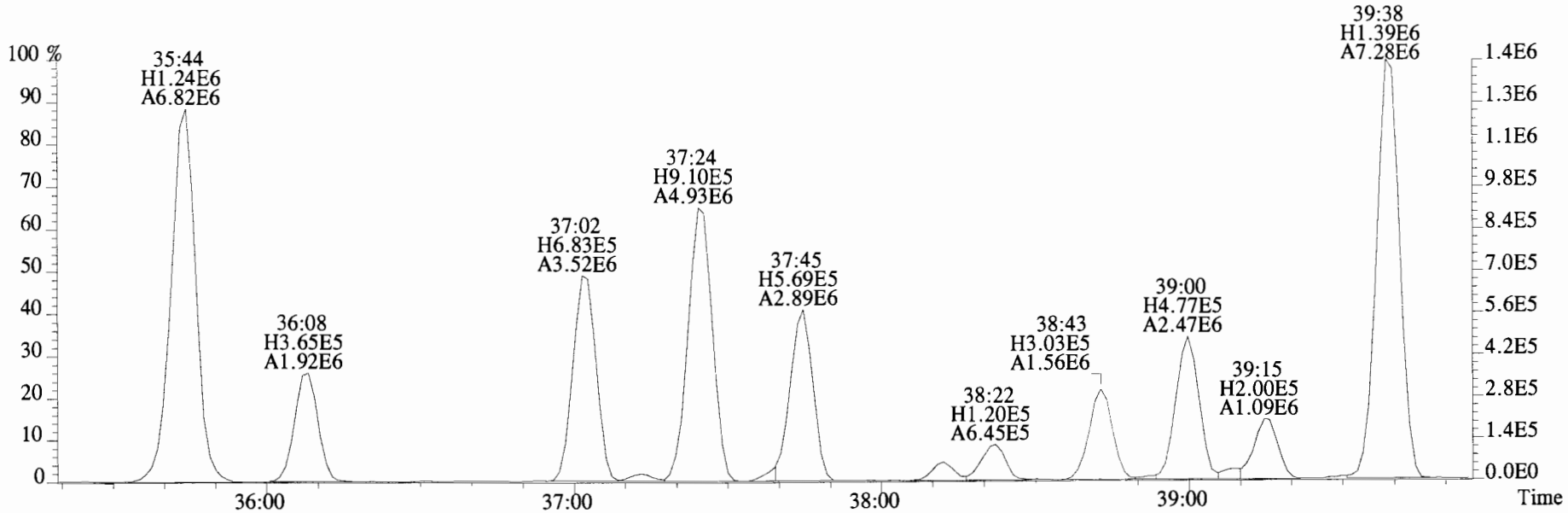
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)



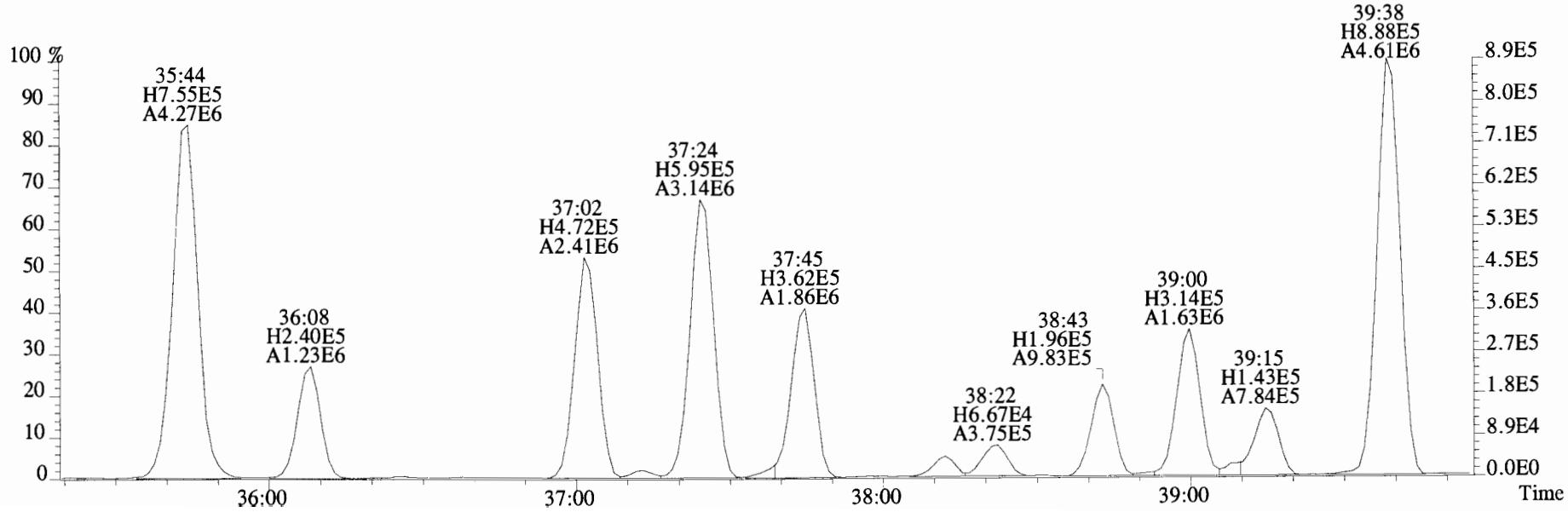
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)



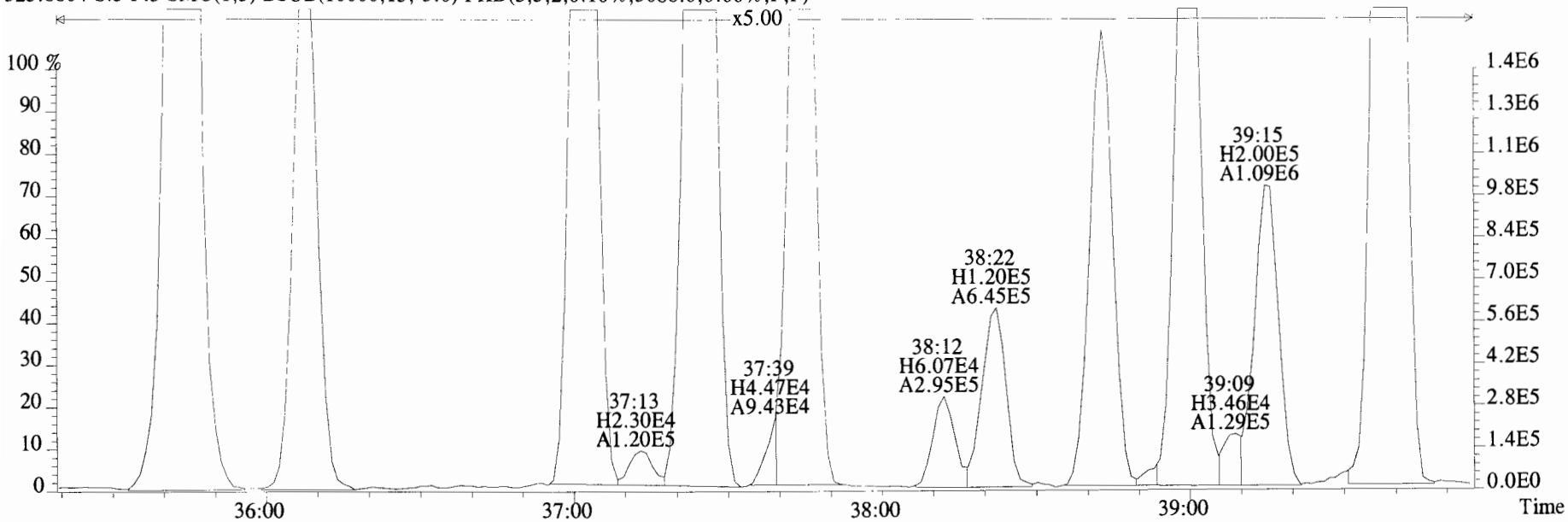
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)



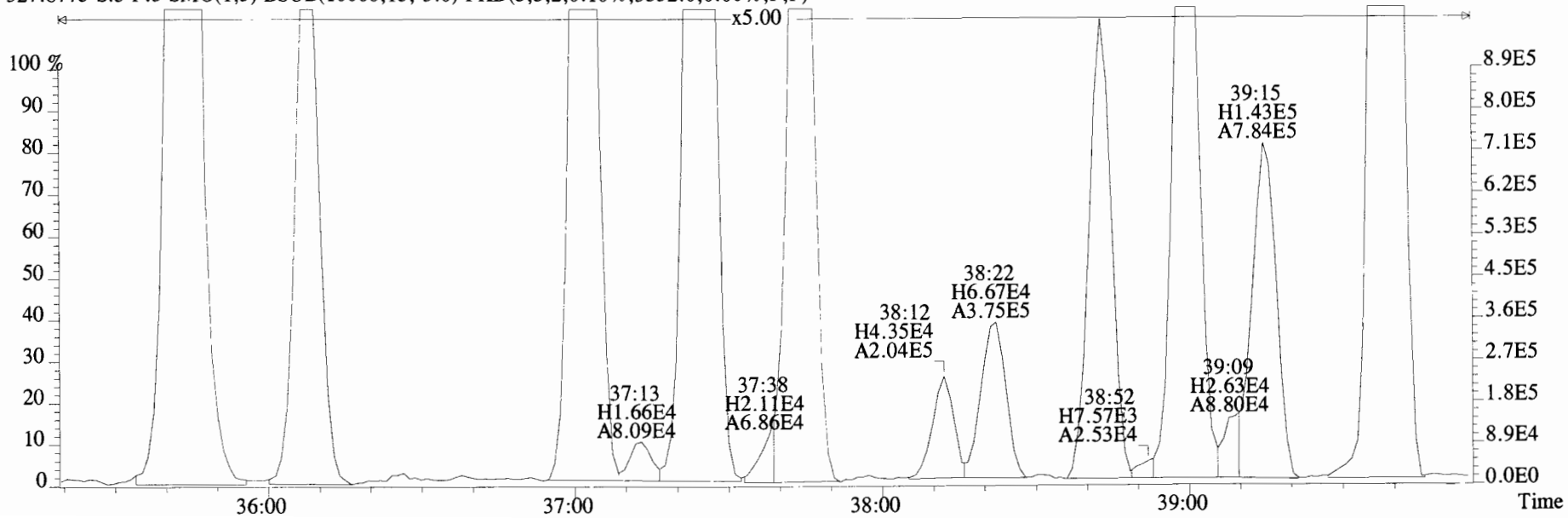
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)



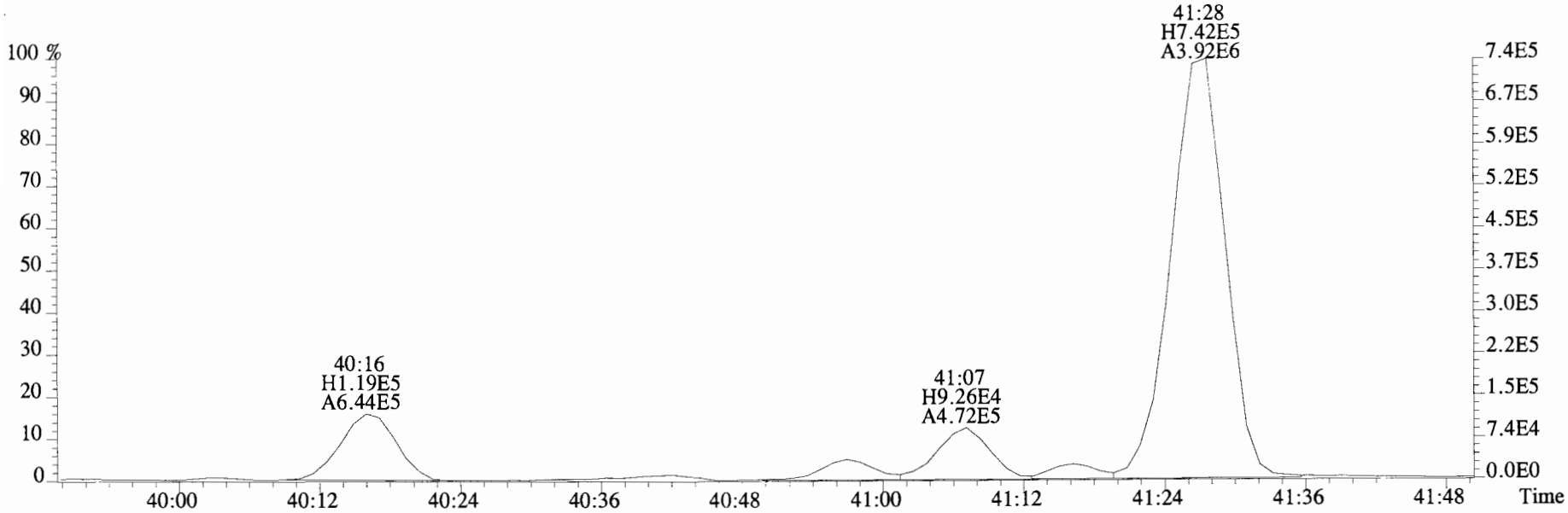
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)



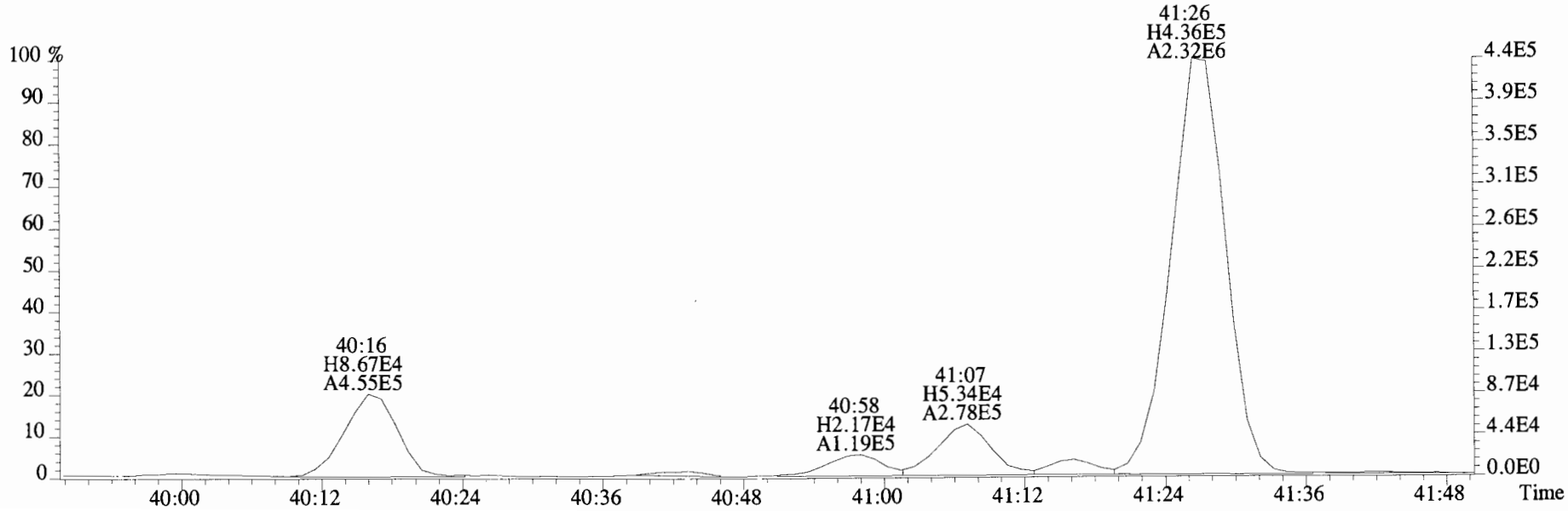
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)



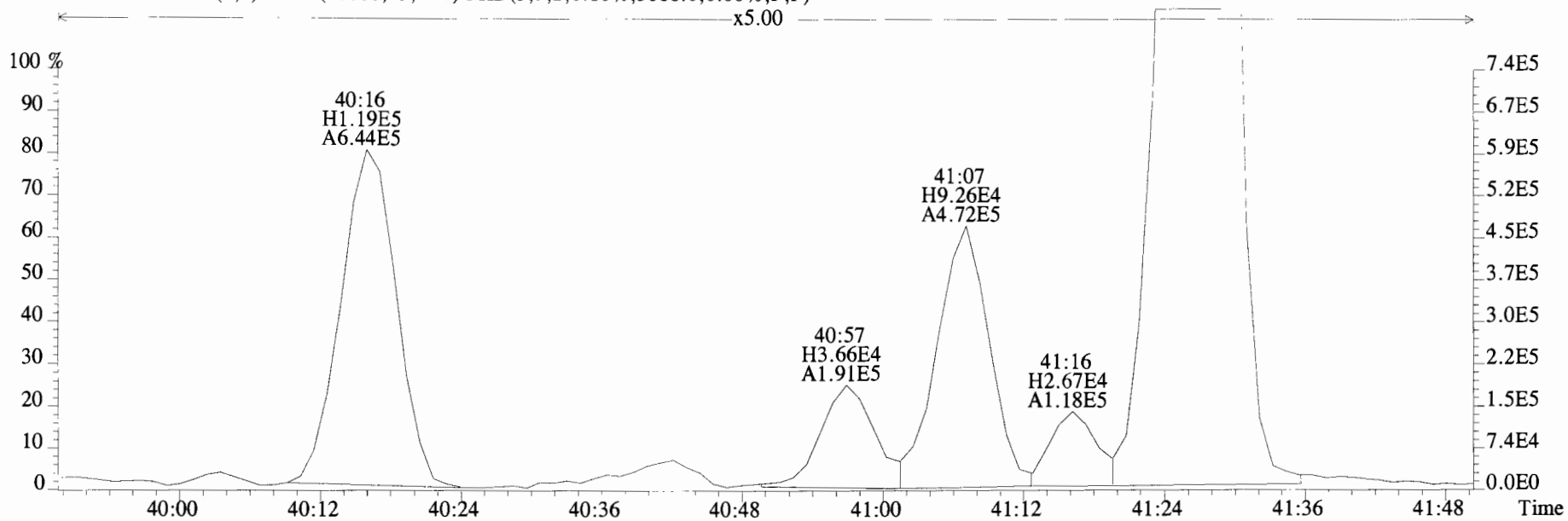
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)



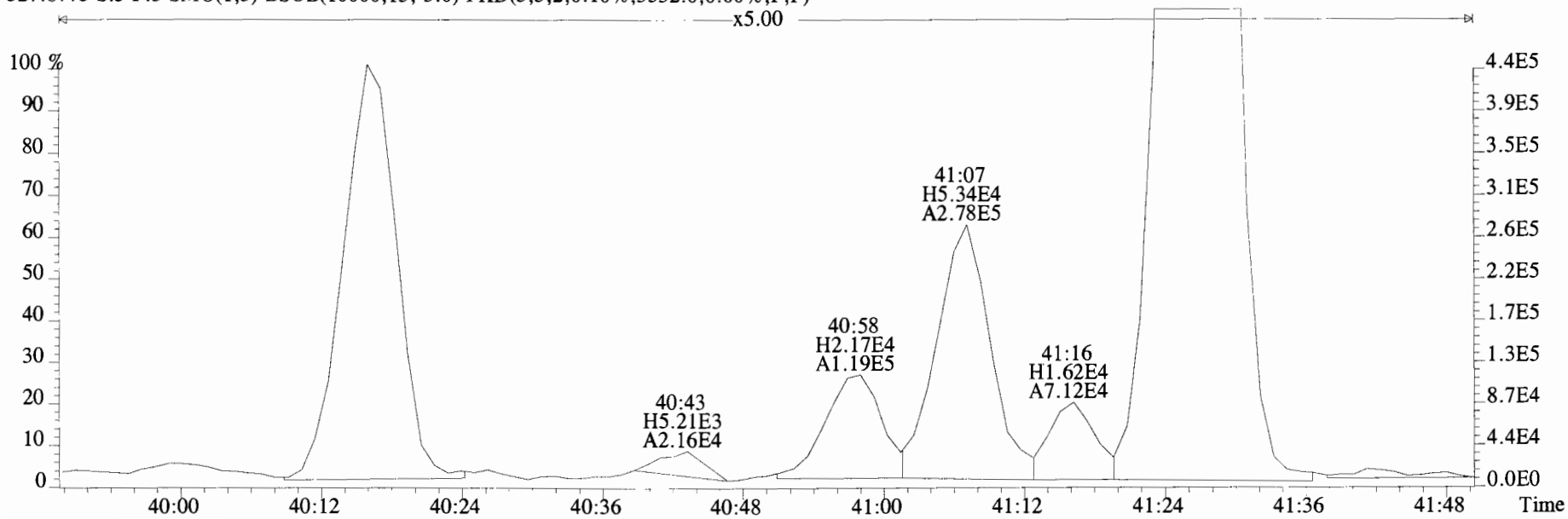
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)



File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3088.0,0.00%,F,F)

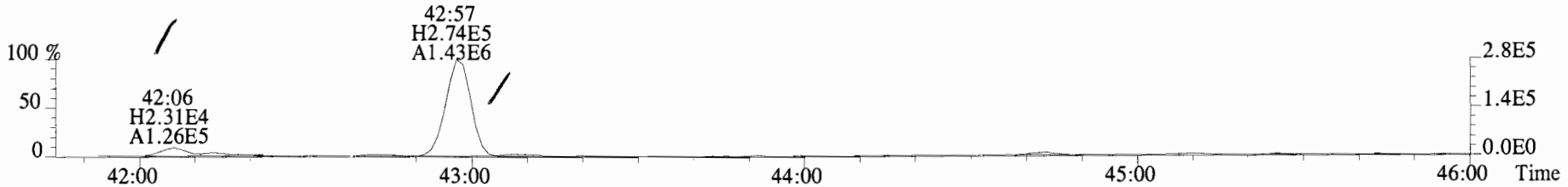


327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3532.0,0.00%,F,F)

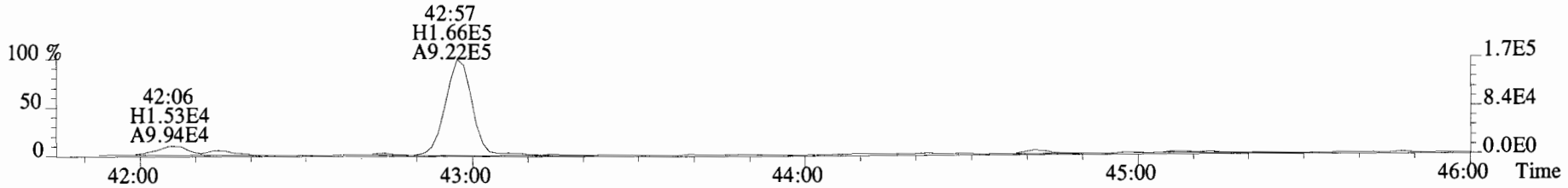


File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1

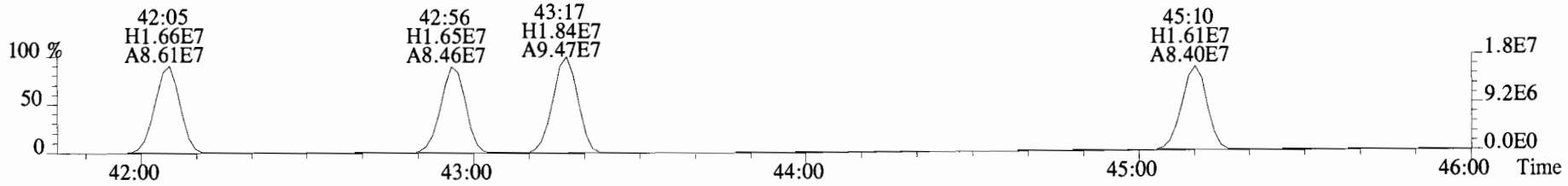
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2348.0,0.00%,F,F)



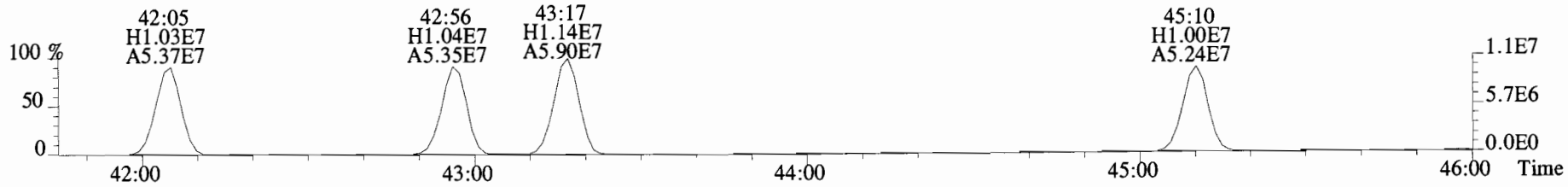
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



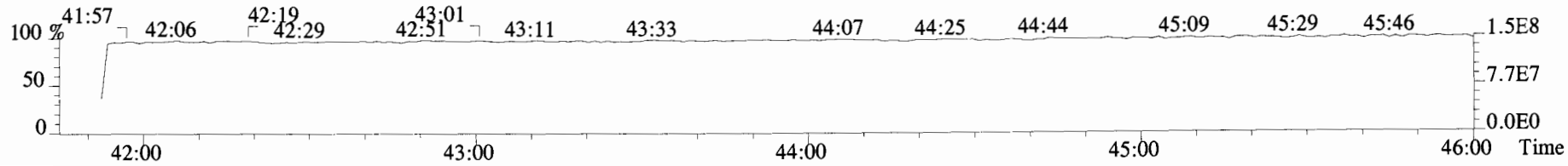
337.9207 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9232.0,0.00%,F,F)



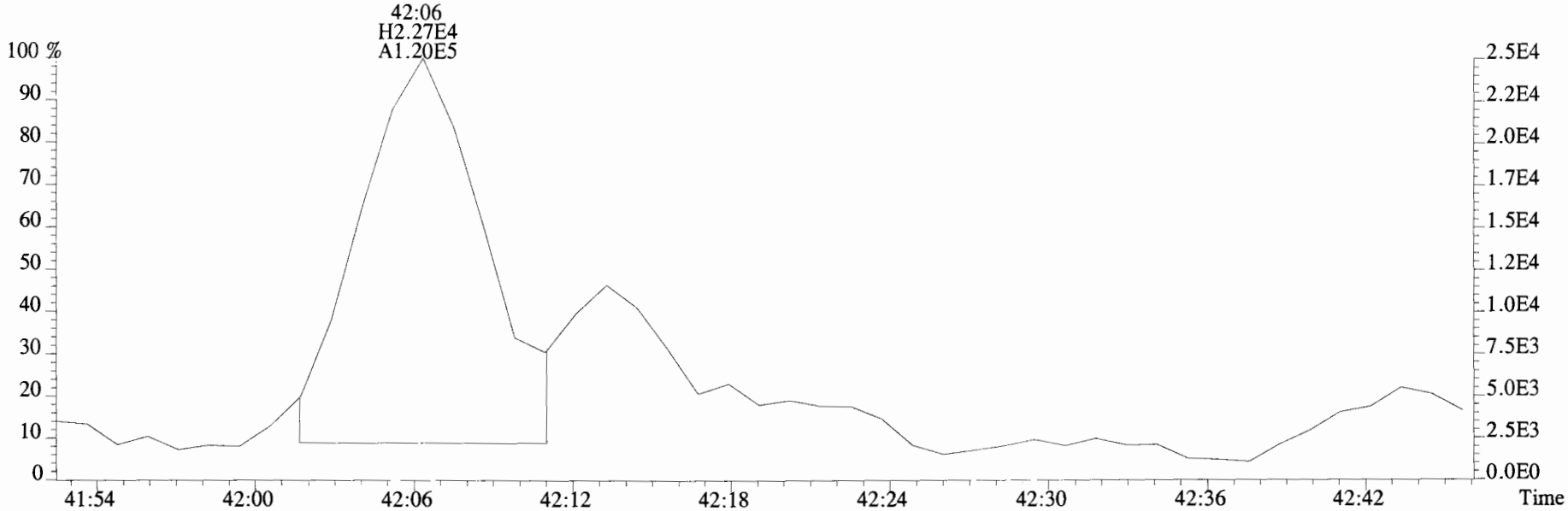
339.9177 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8524.0,0.00%,F,F)



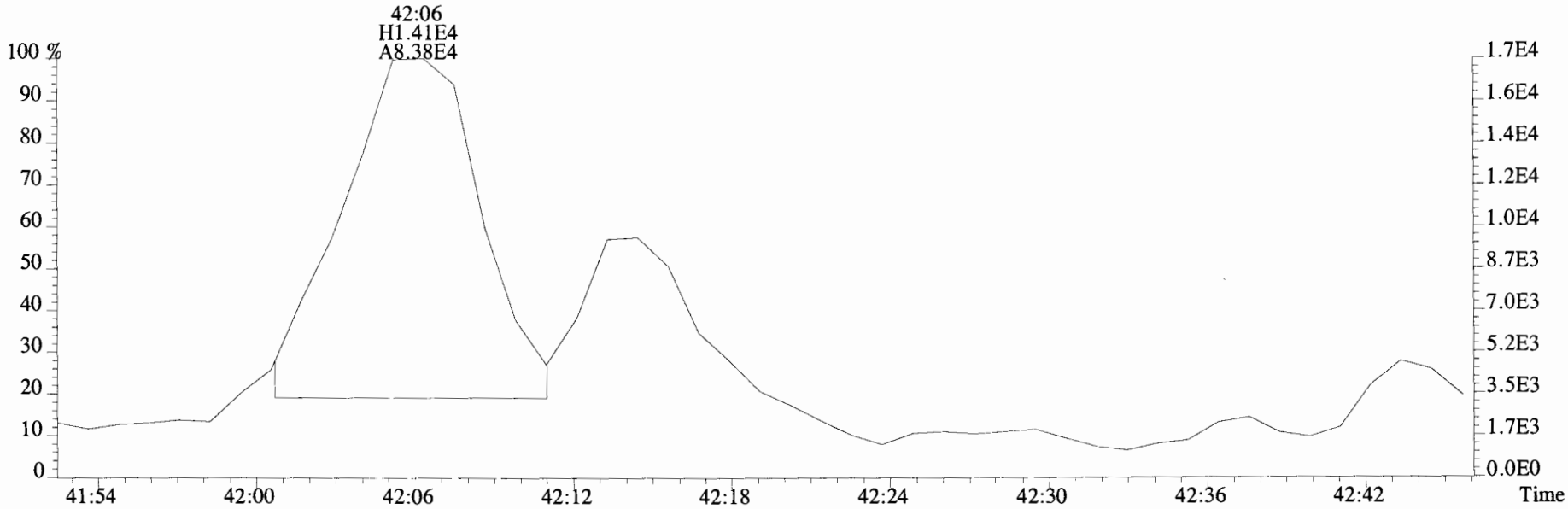
380.9760 S:5 F:4



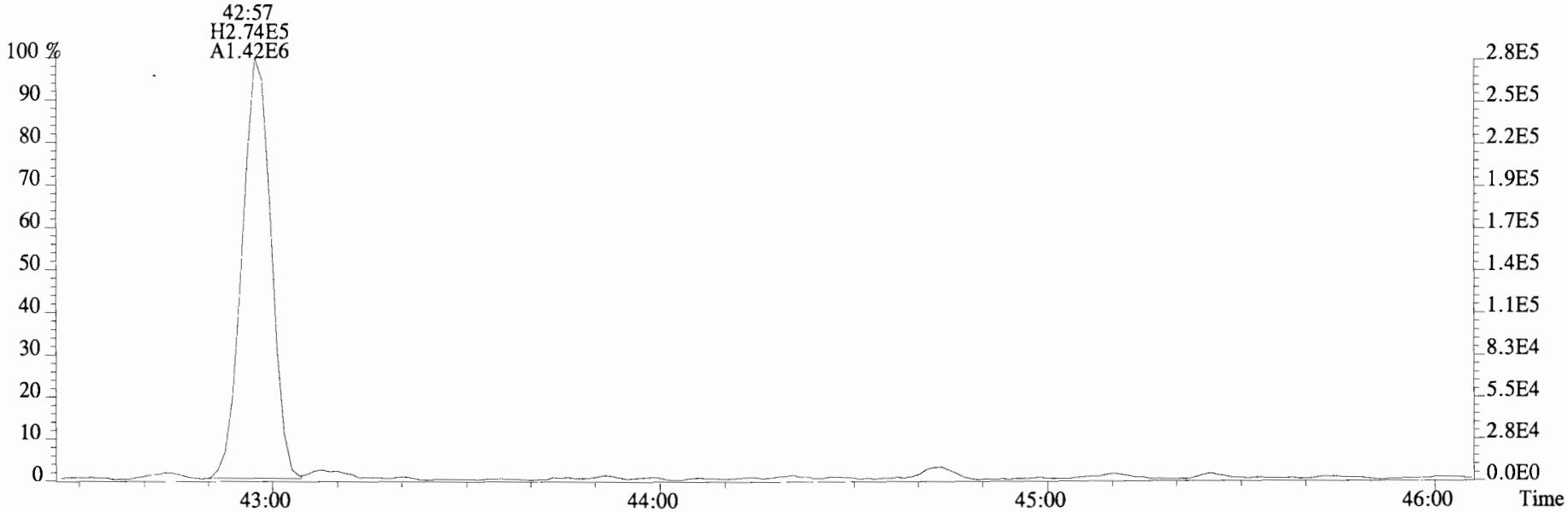
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2348.0,0.00%,F,F)



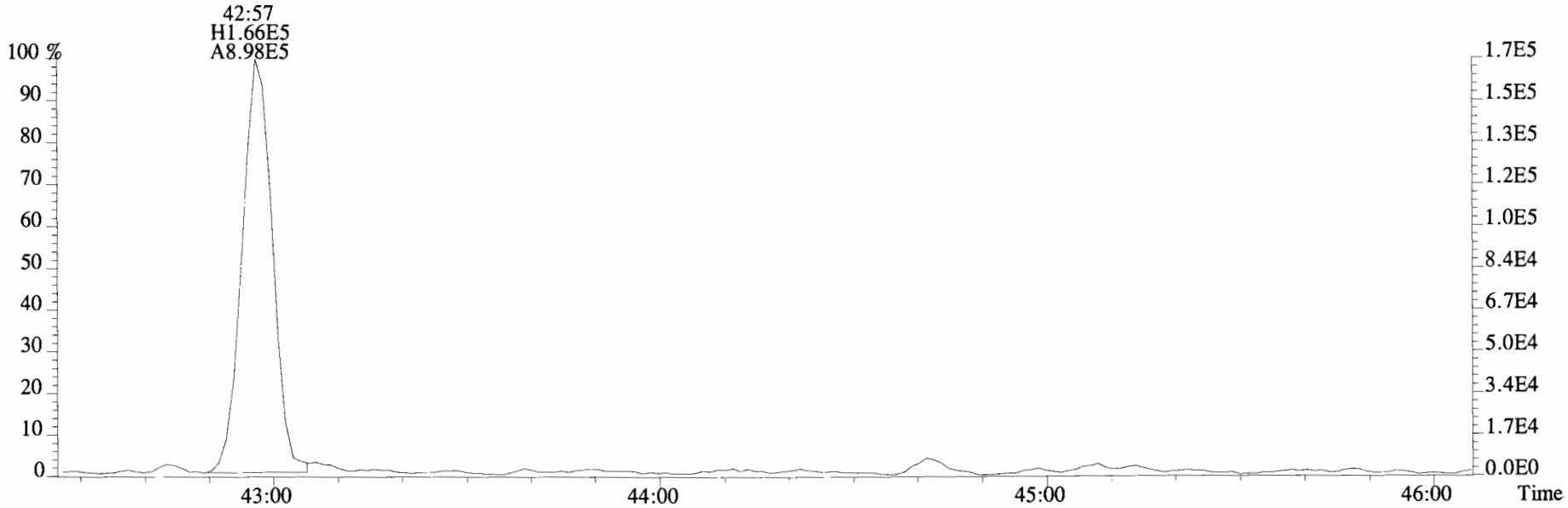
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



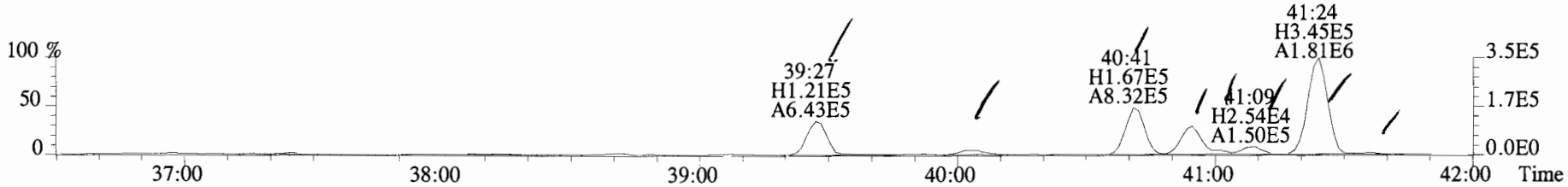
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2348.0,0.00%,F,F)



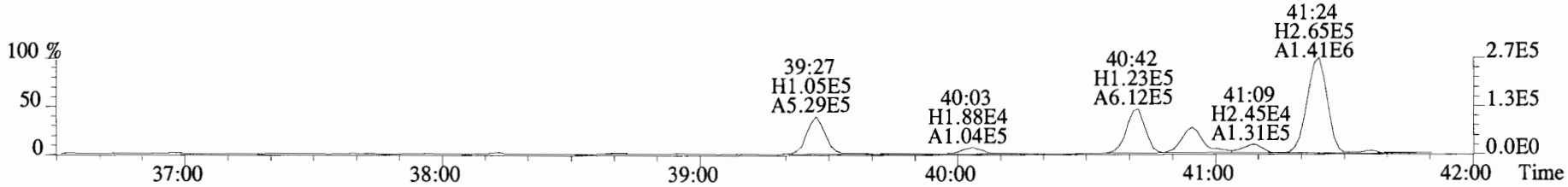
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2176.0,0.00%,F,F)



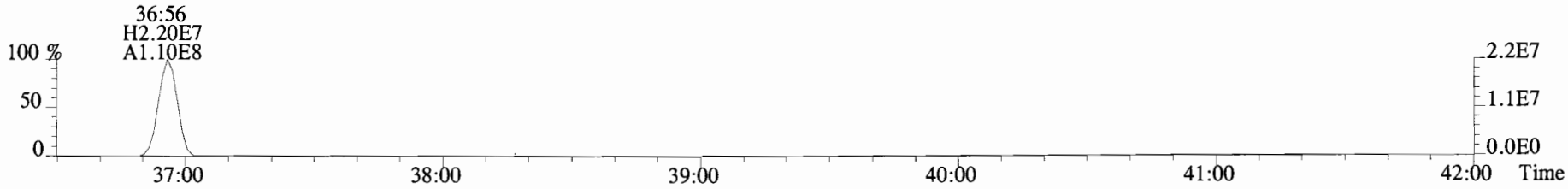
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3524.0,0.00%,F,F)



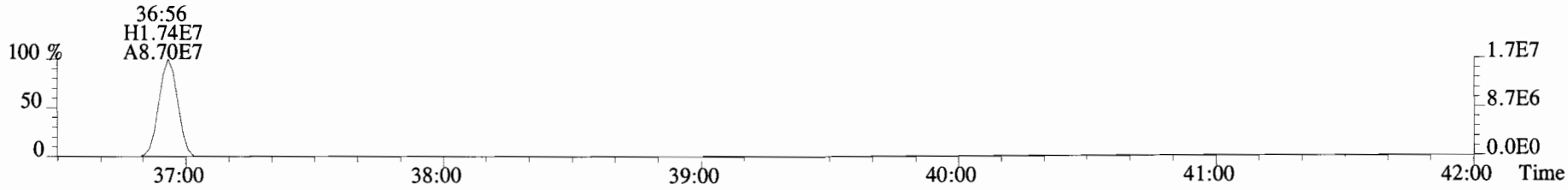
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



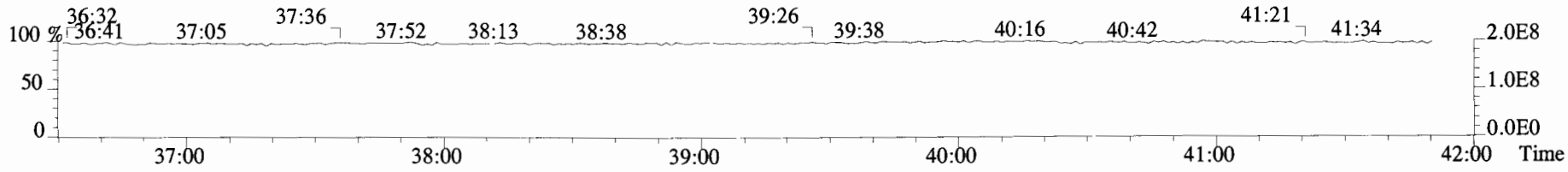
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



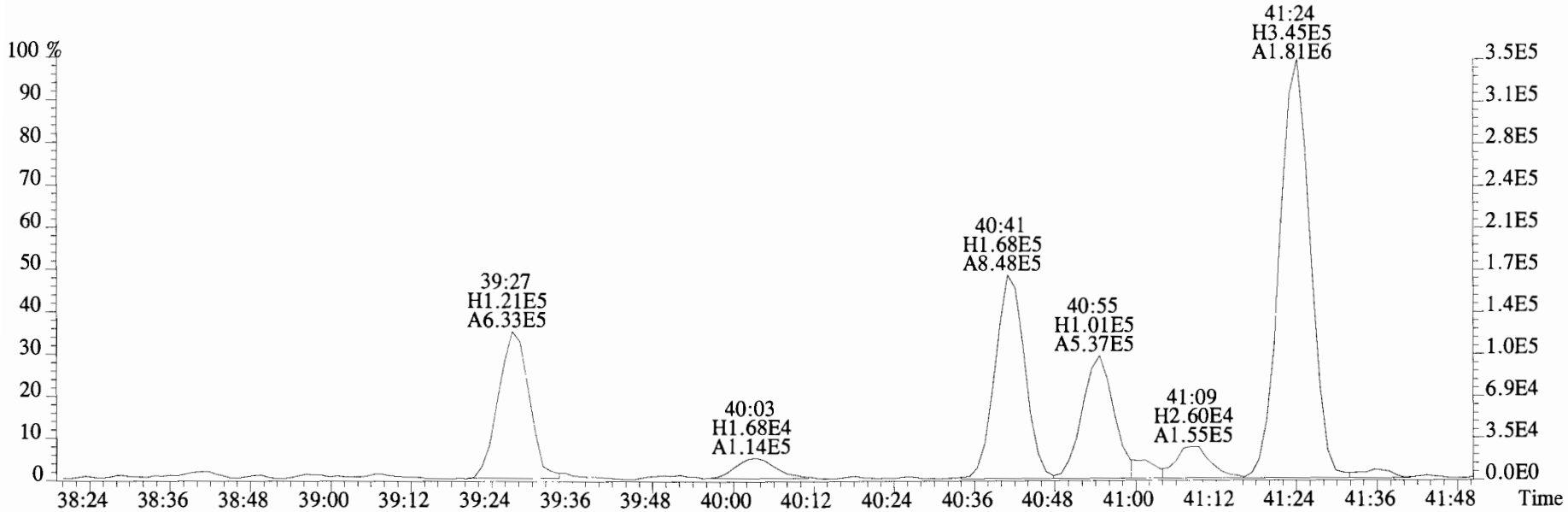
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



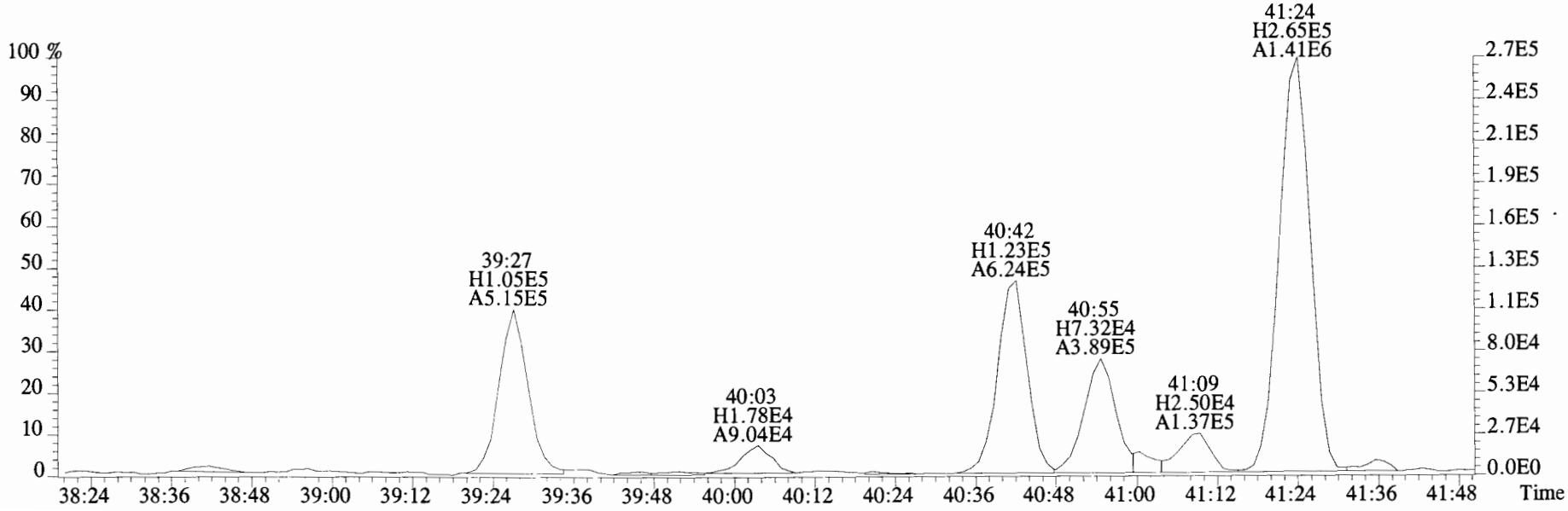
330.9792 S:5 F:3



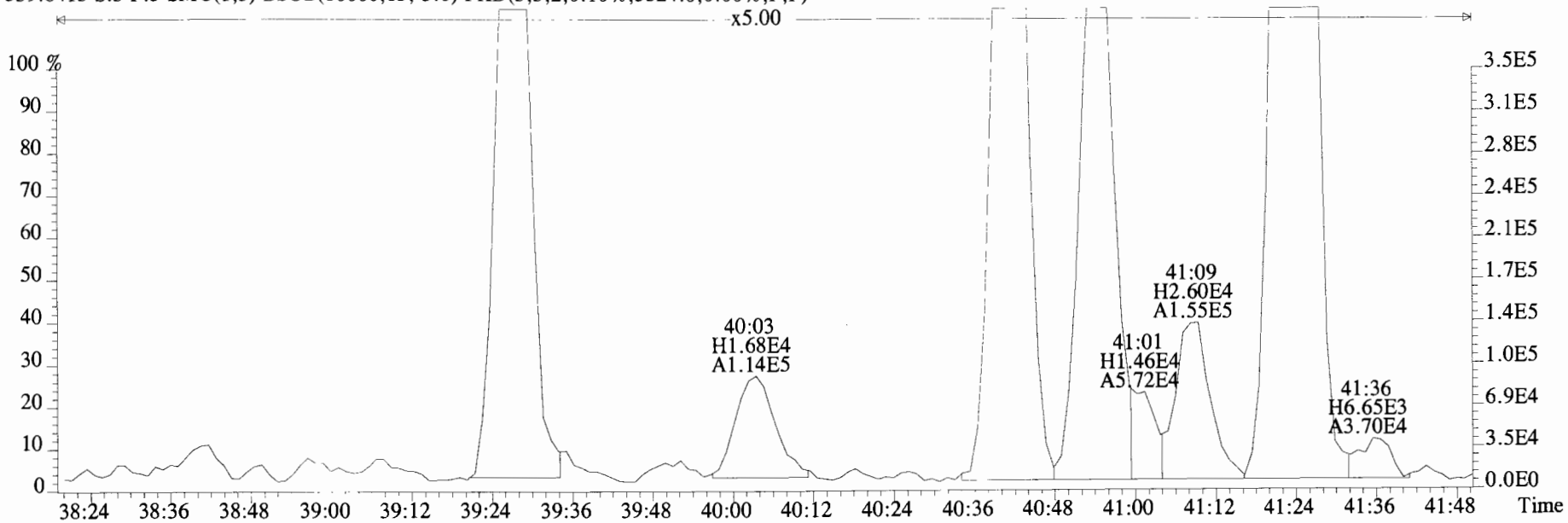
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3524.0,0.00%,F,F)



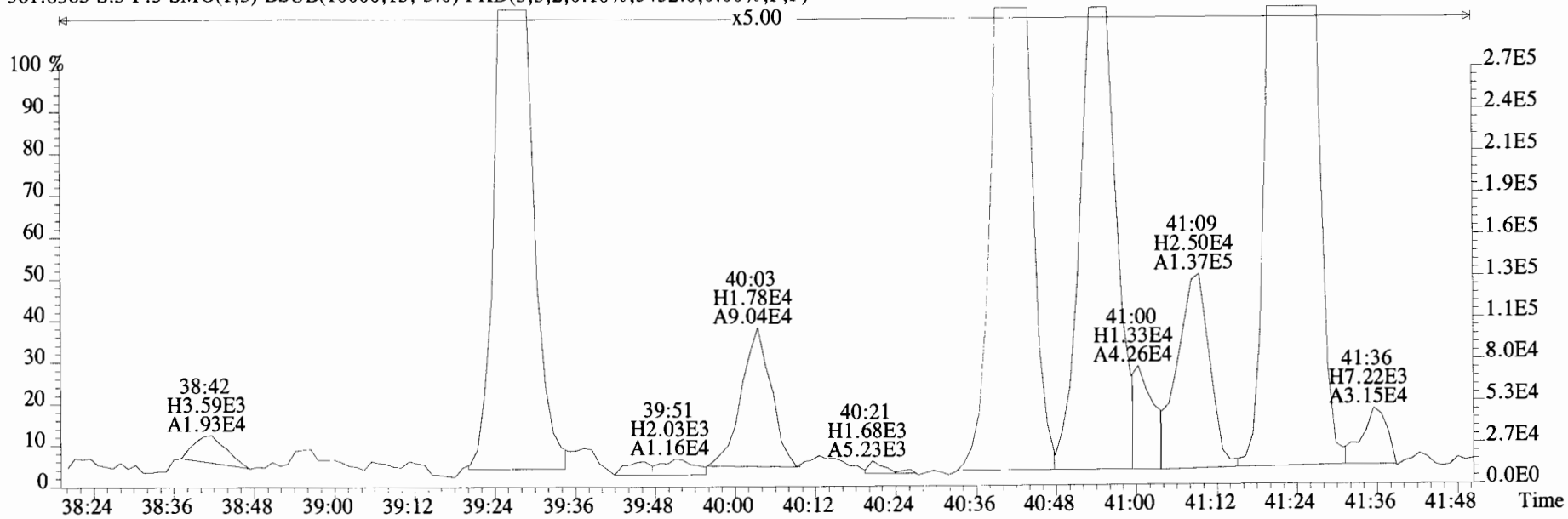
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



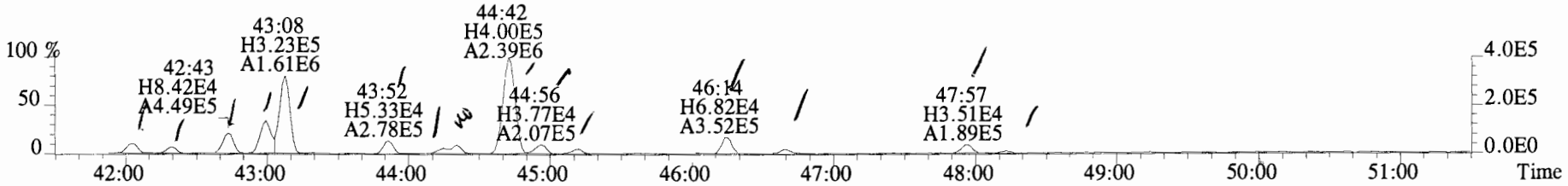
File:180118E2 #1-756 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3524.0,0.00%,F,F)



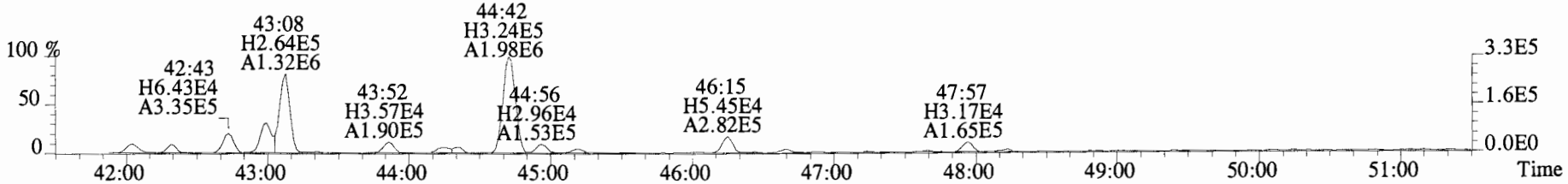
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3432.0,0.00%,F,F)



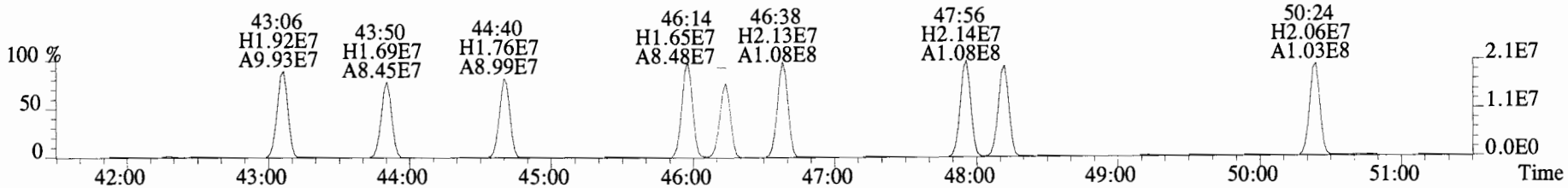
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3428.0,0.00%,F,F)



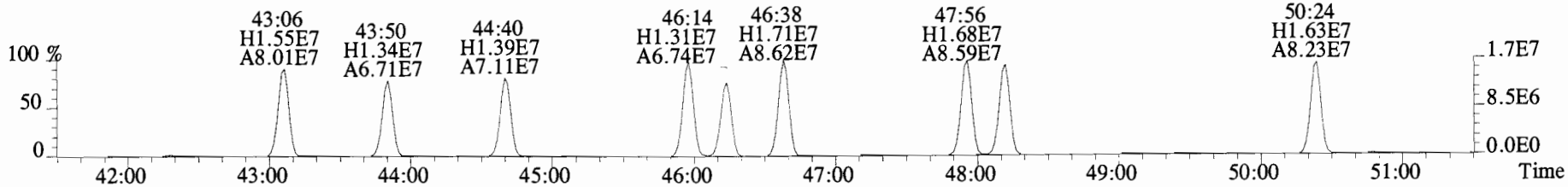
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



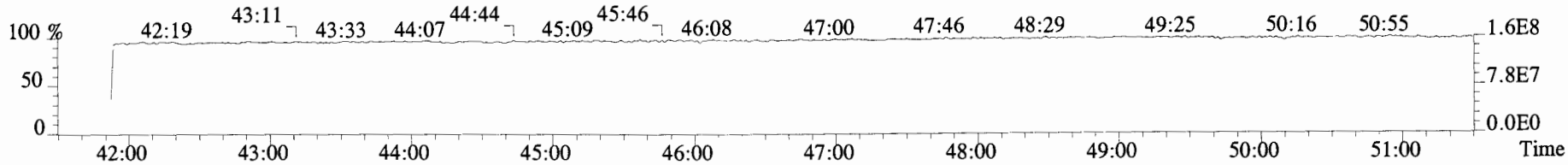
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22344.0,0.00%,F,F)



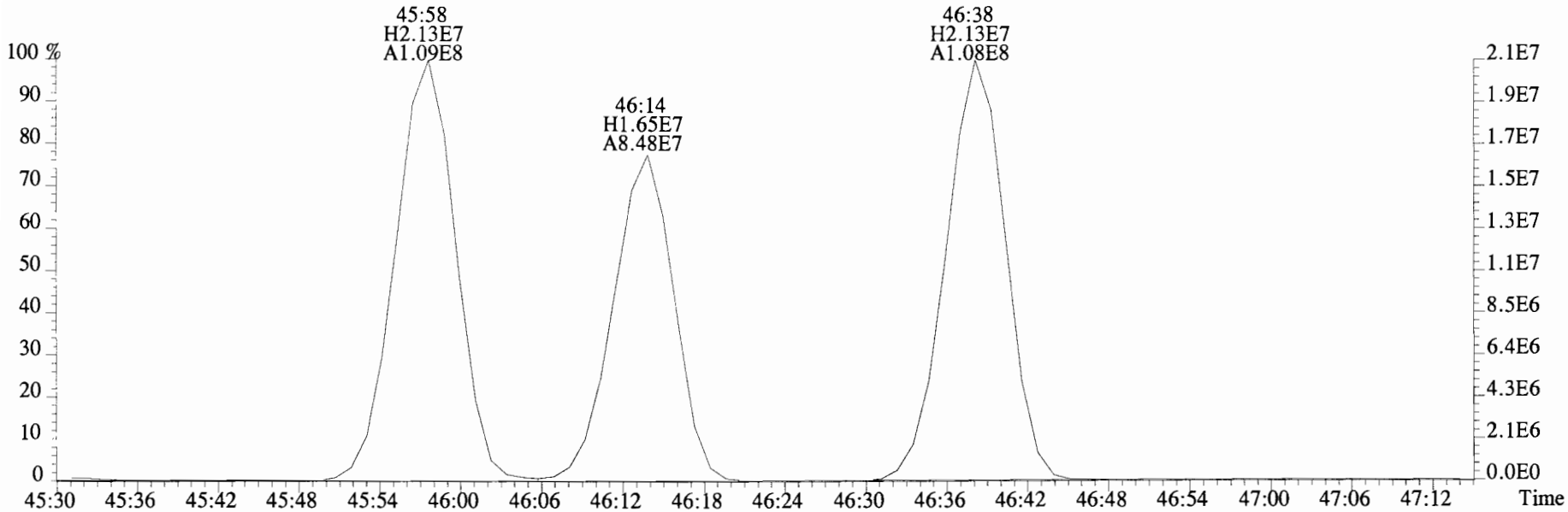
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



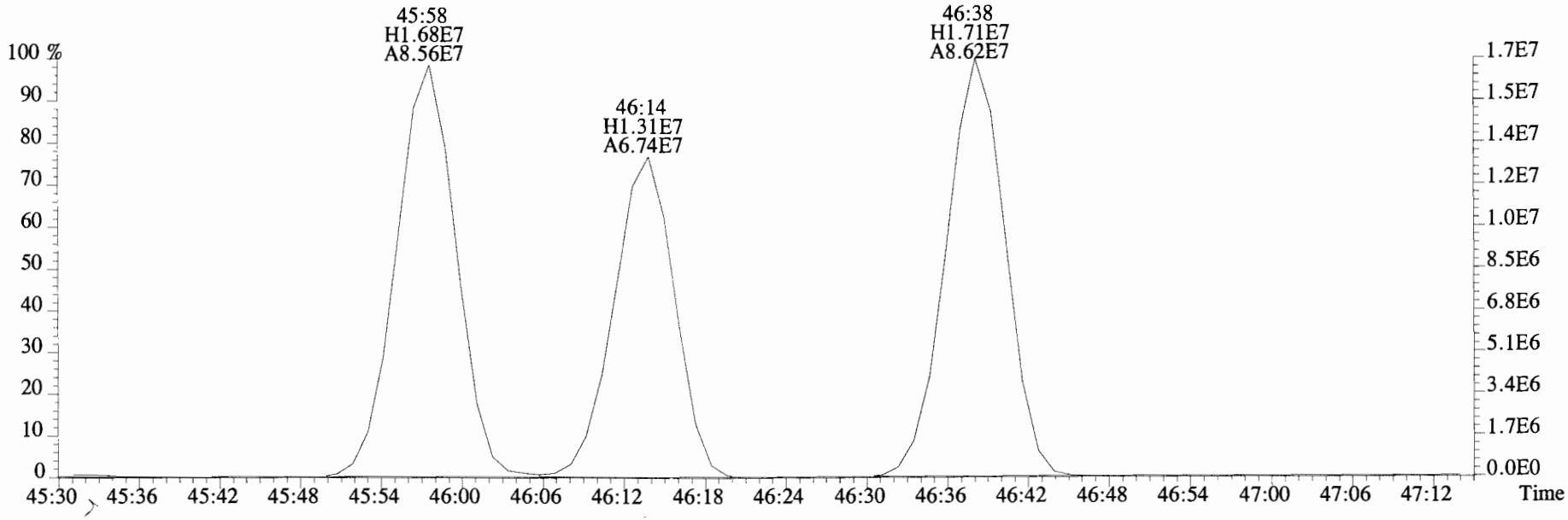
380.9760 S:5 F:4



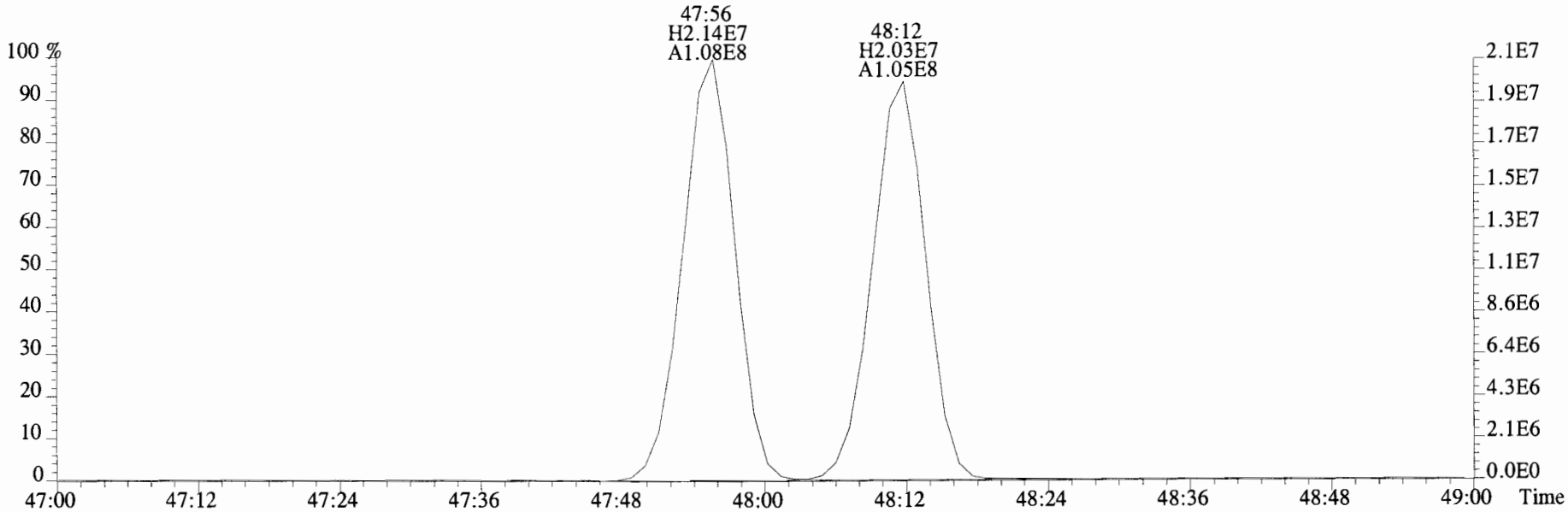
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22344.0,0.00%,F,F)



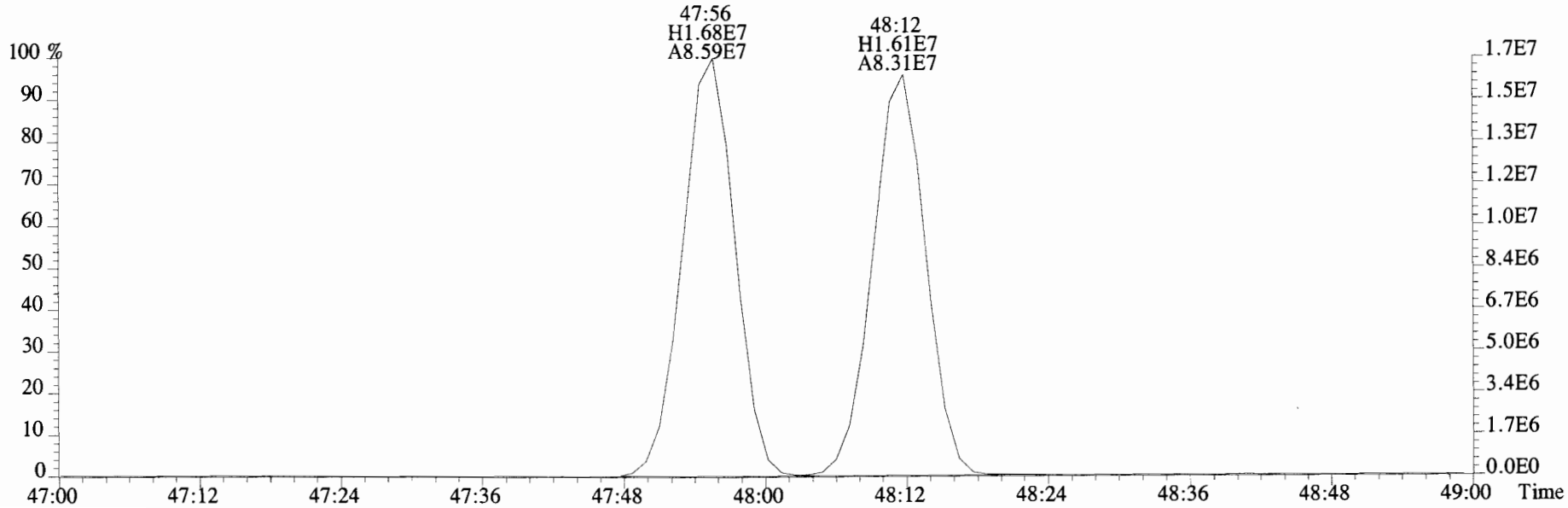
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



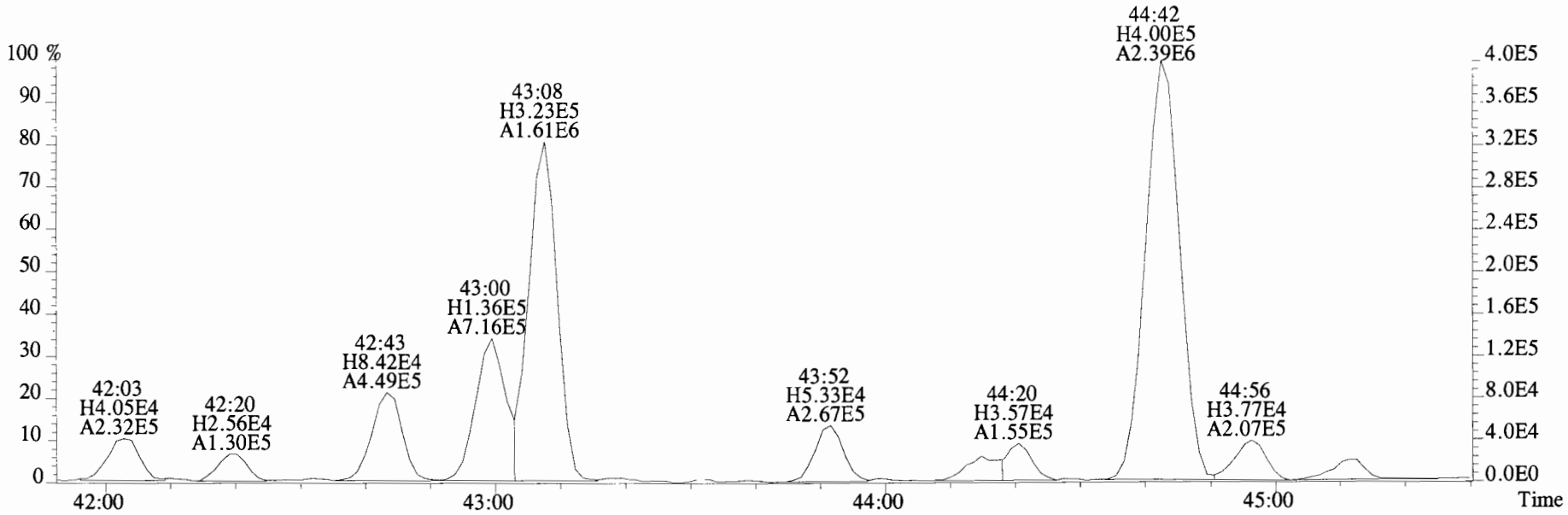
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22344.0,0.00%,F,F)



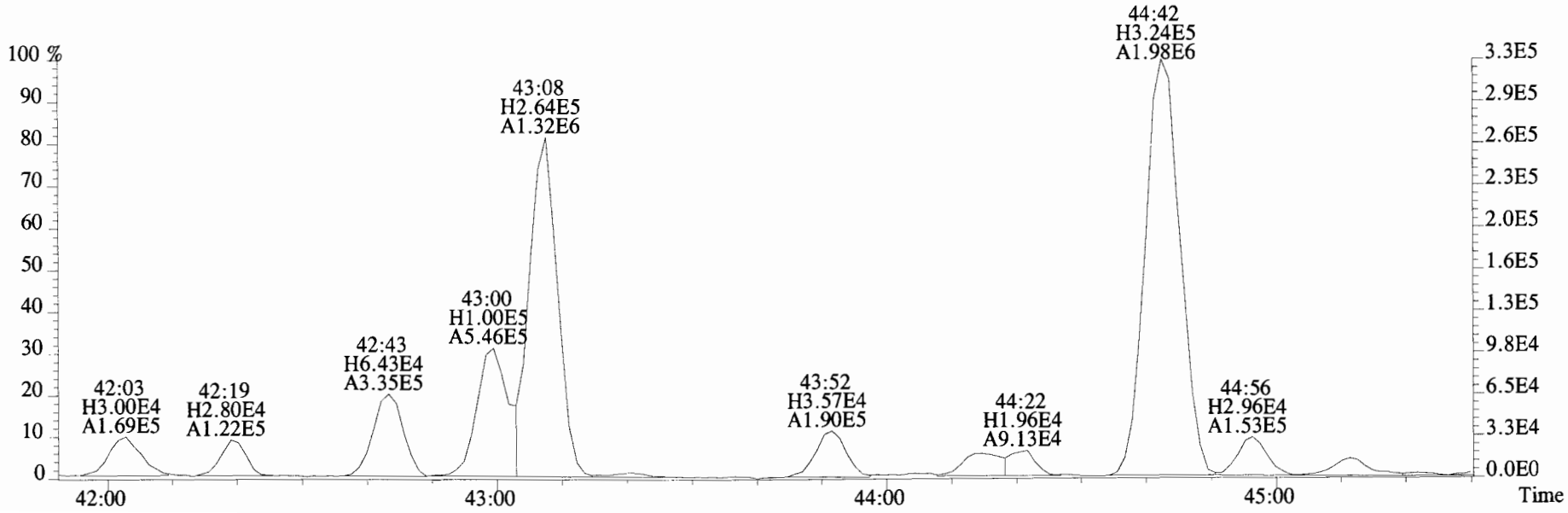
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14256.0,0.00%,F,F)



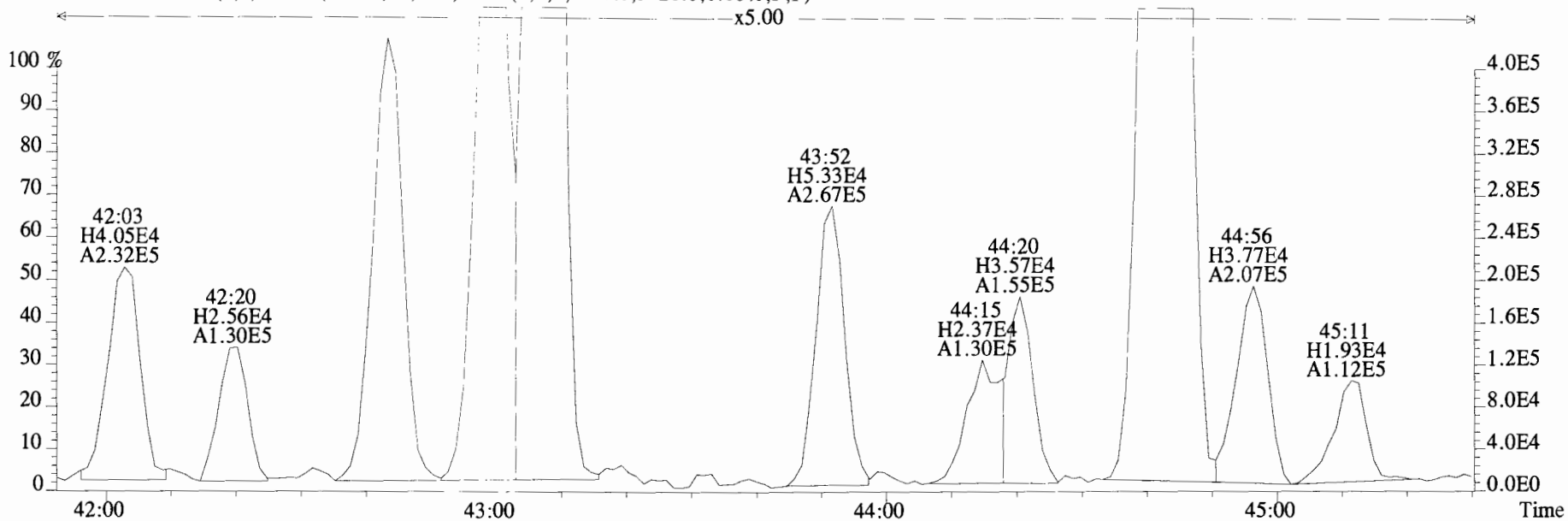
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3428.0,0.00%,F,F)



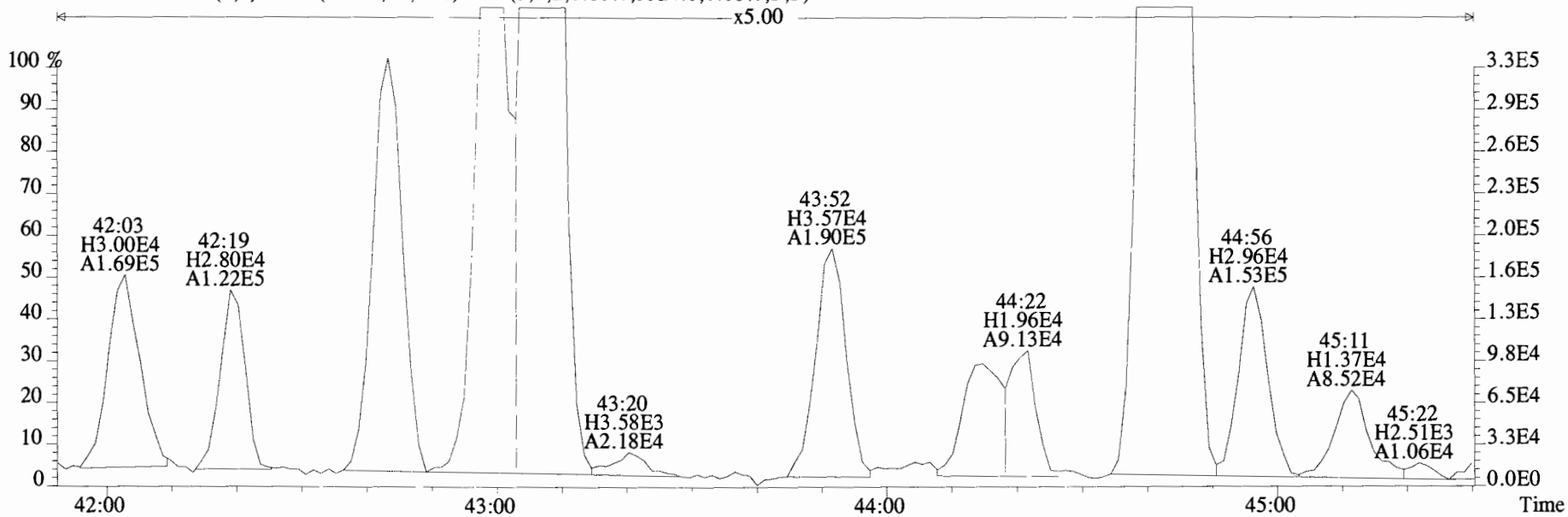
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



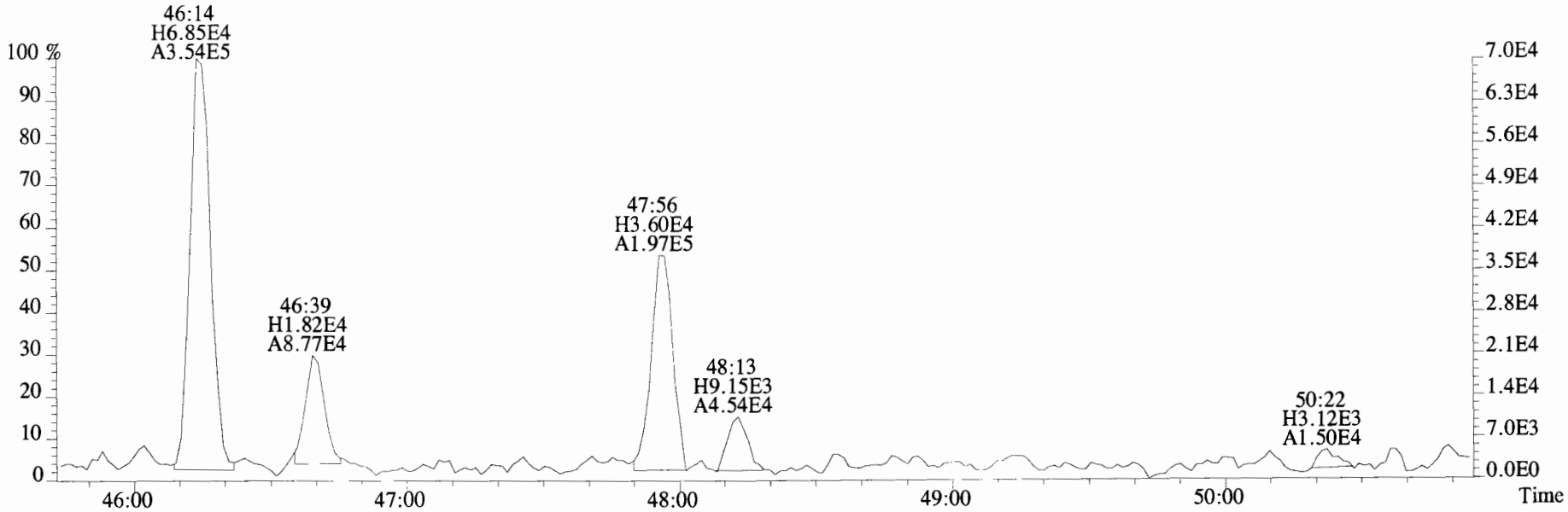
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3428.0,0.00%,F,F)



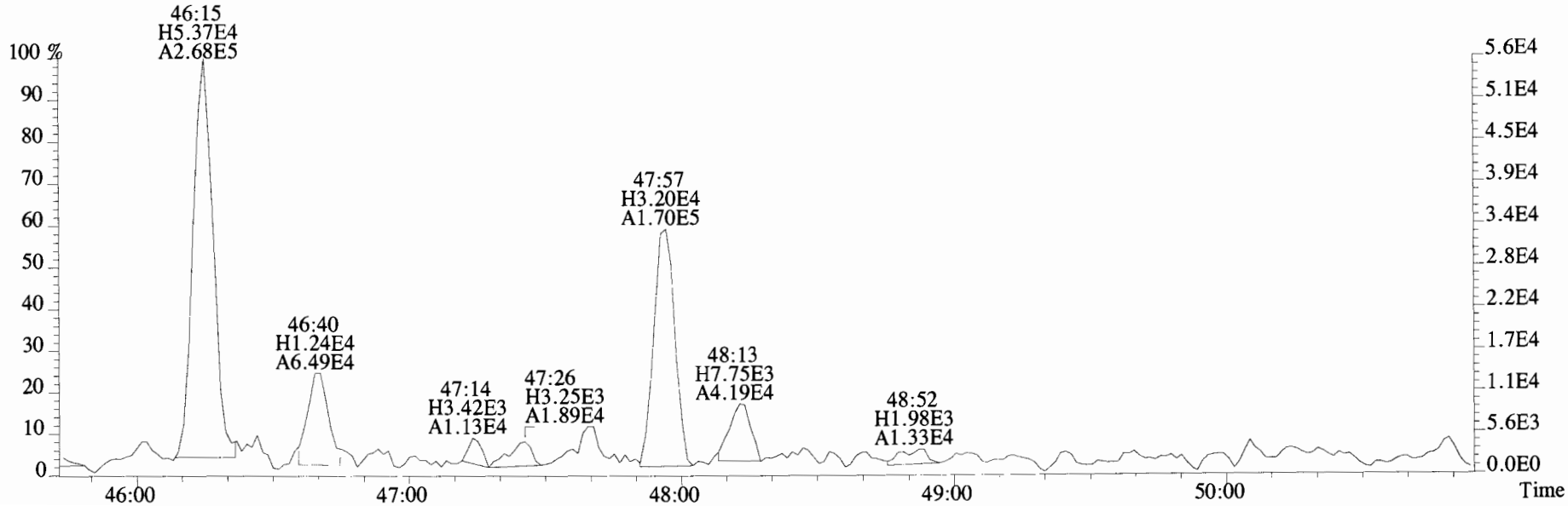
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



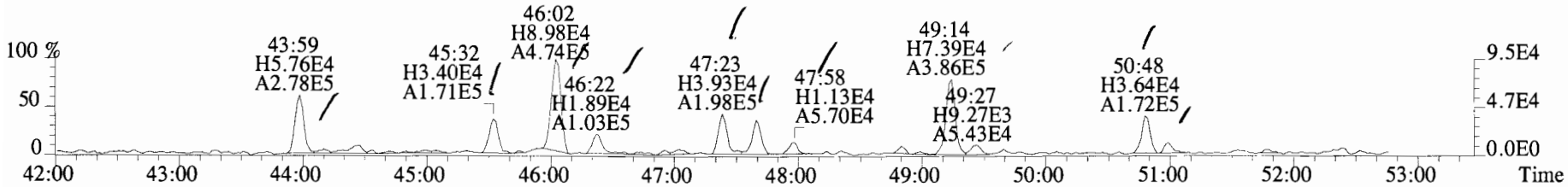
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3428.0,0.00%,F,F)



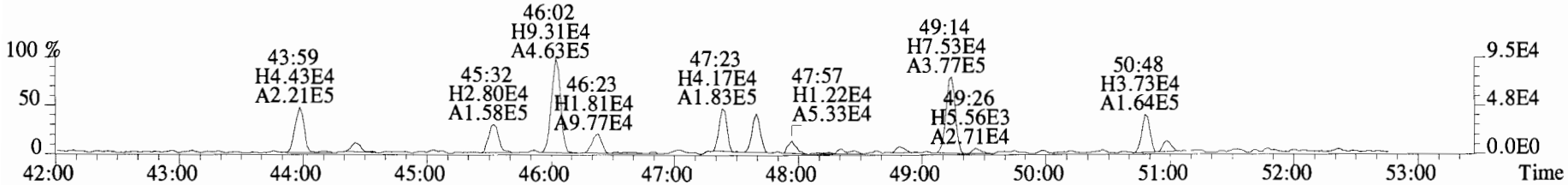
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



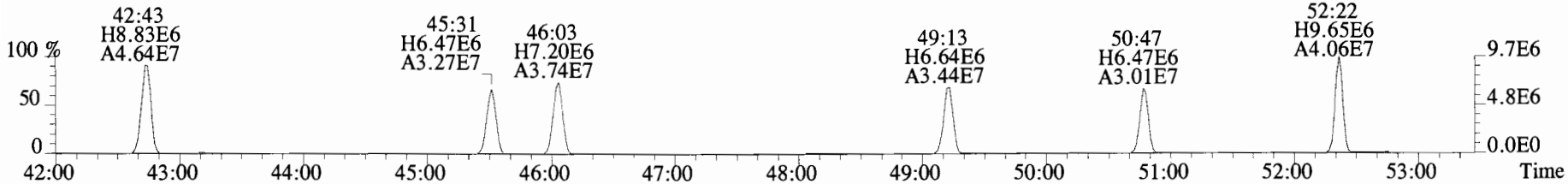
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



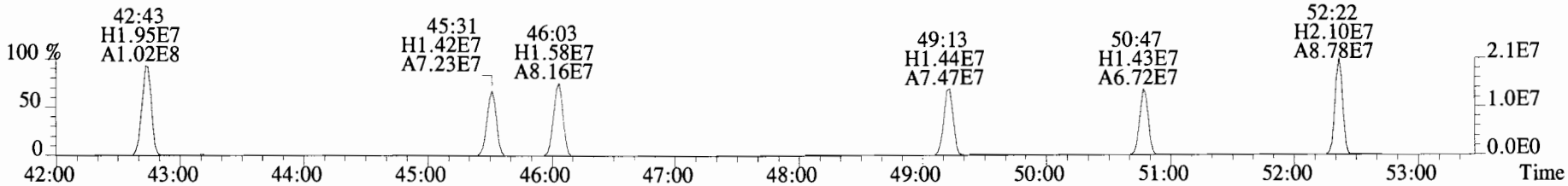
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2936.0,0.00%,F,F)



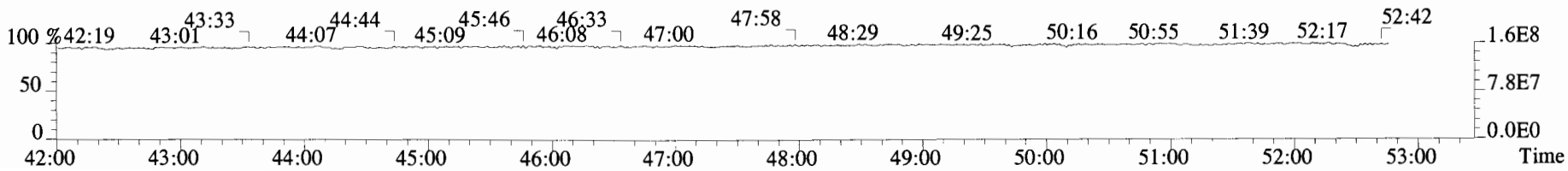
403.8457 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10740.0,0.00%,F,F)



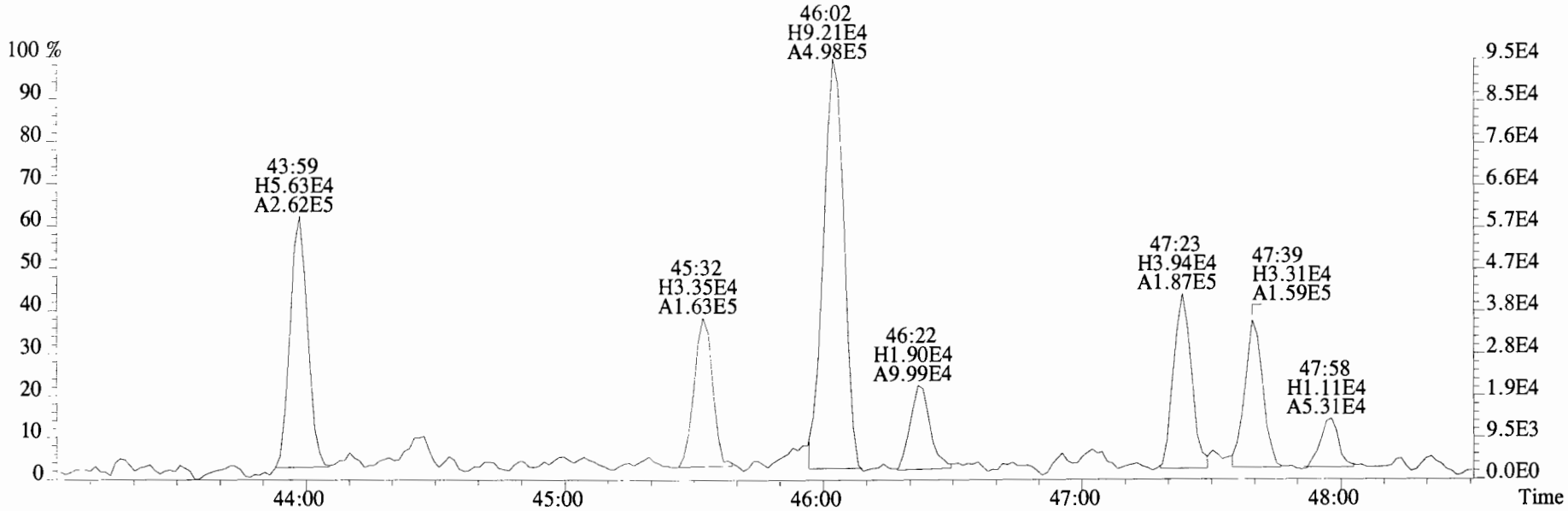
405.8428 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22716.0,0.00%,F,F)



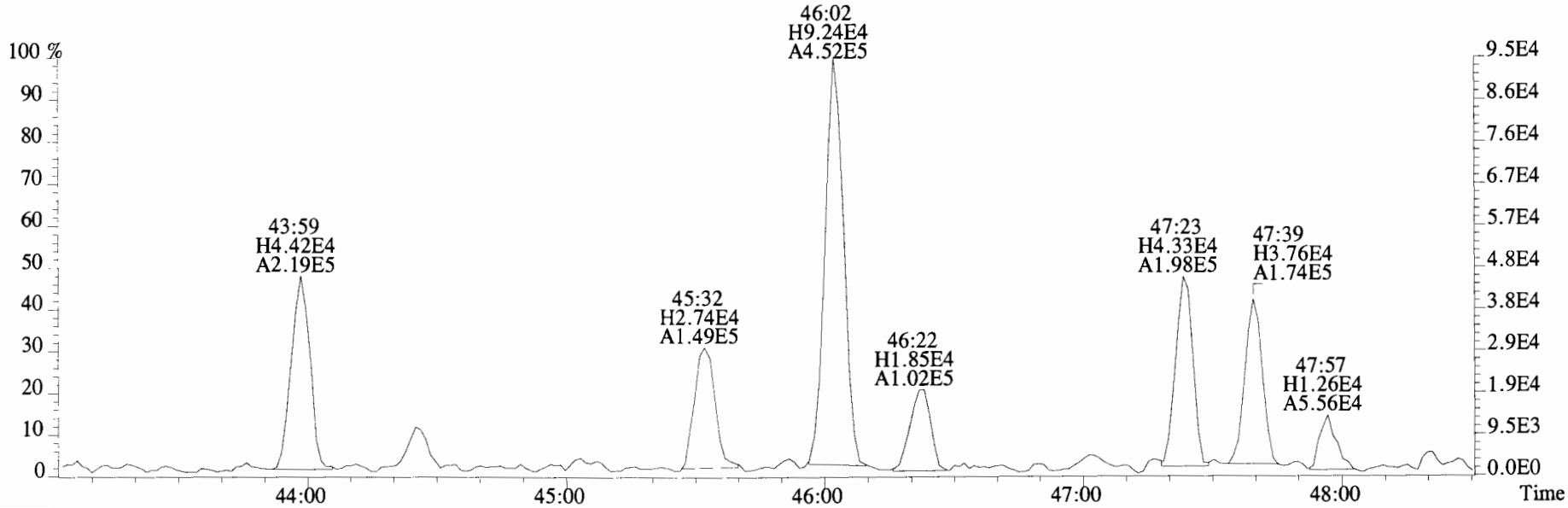
380.9760 S:5 F:4



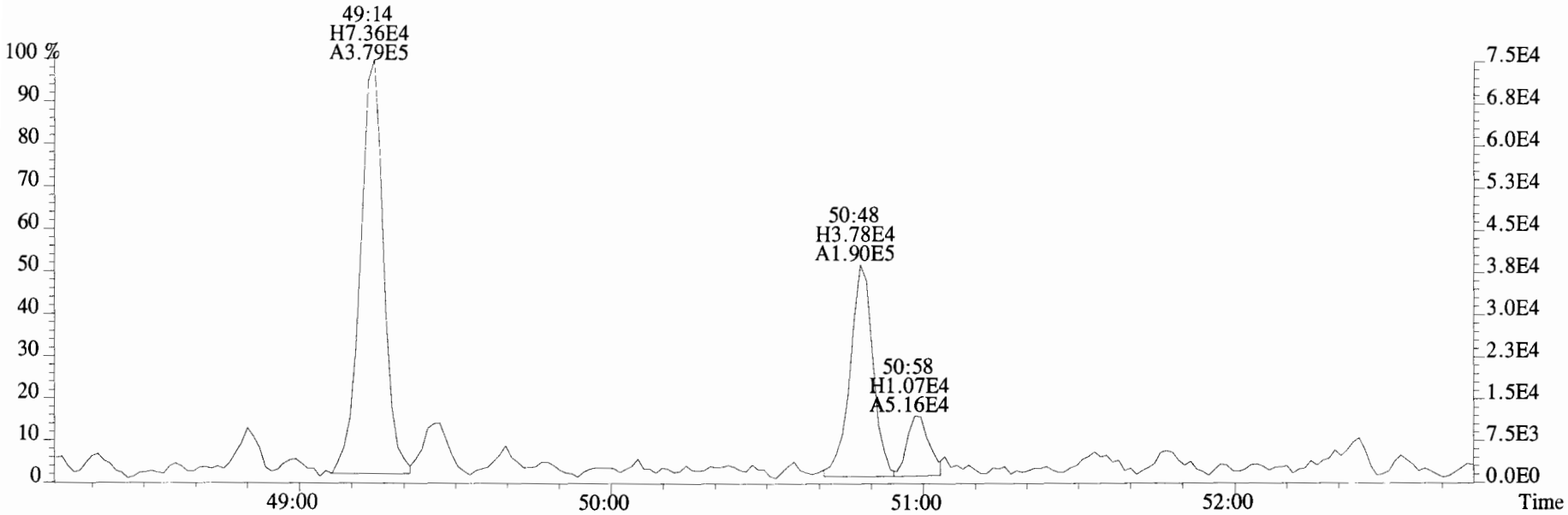
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



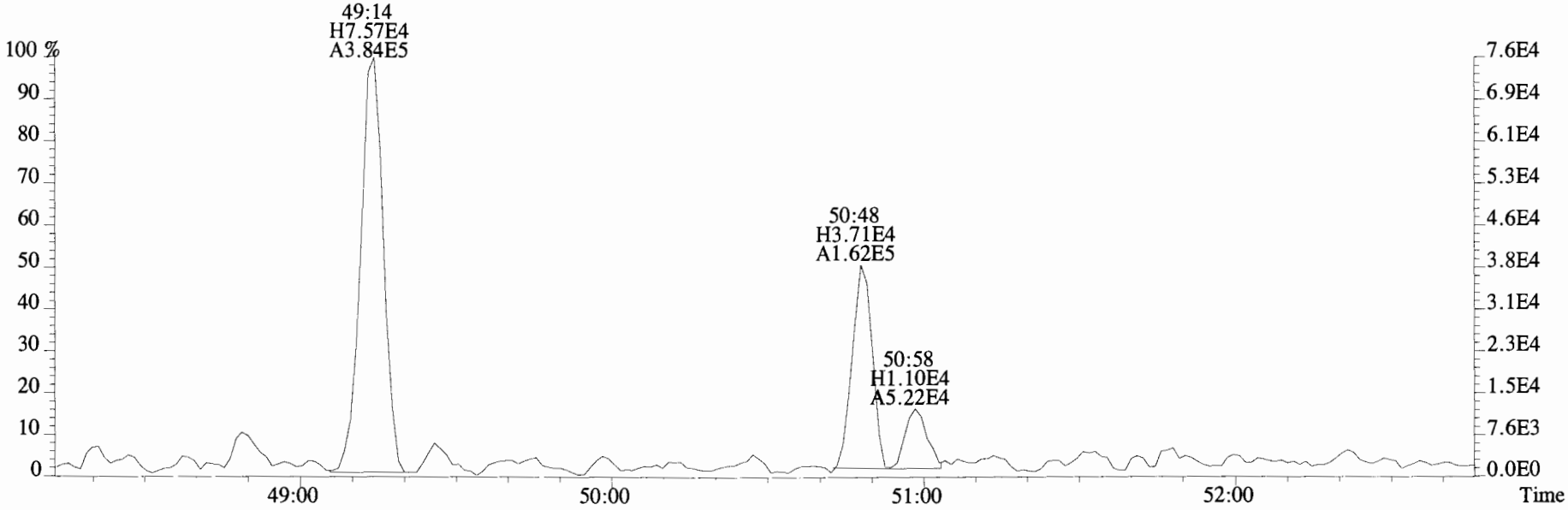
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2936.0,0.00%,F,F)



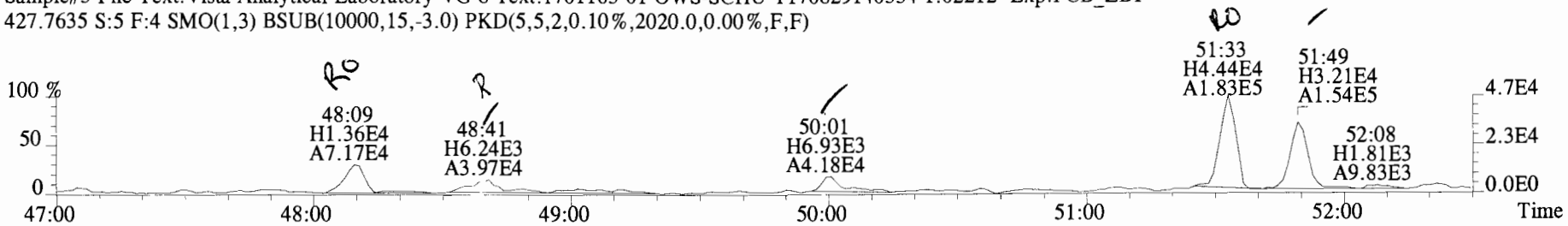
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3700.0,0.00%,F,F)



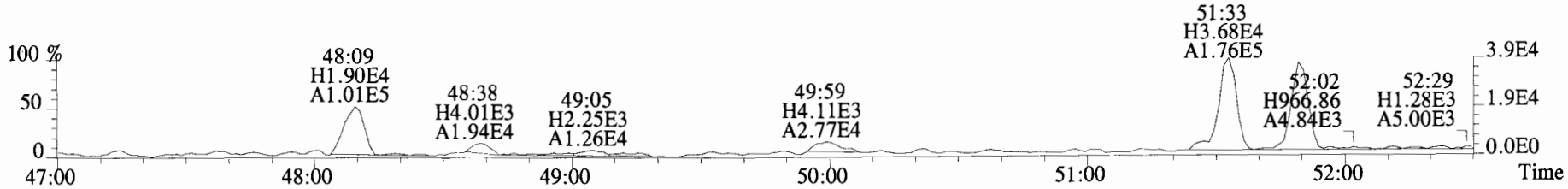
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2936.0,0.00%,F,F)



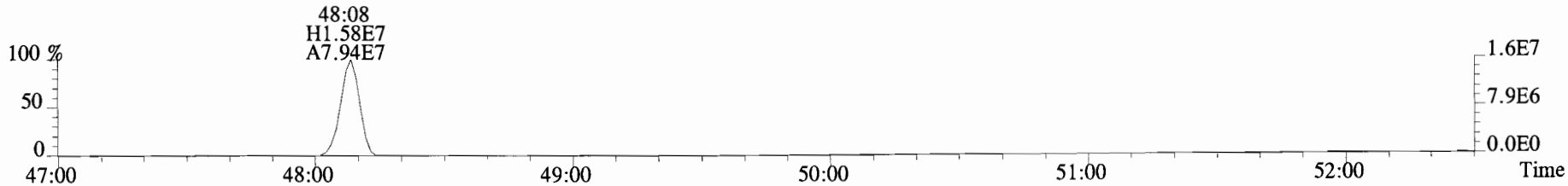
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2020.0,0.00%,F,F)



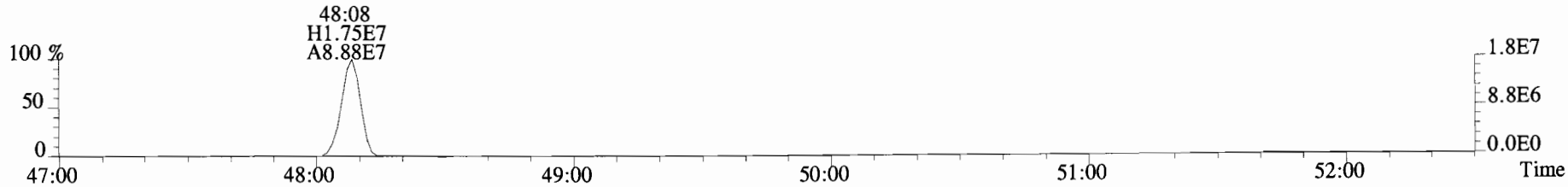
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



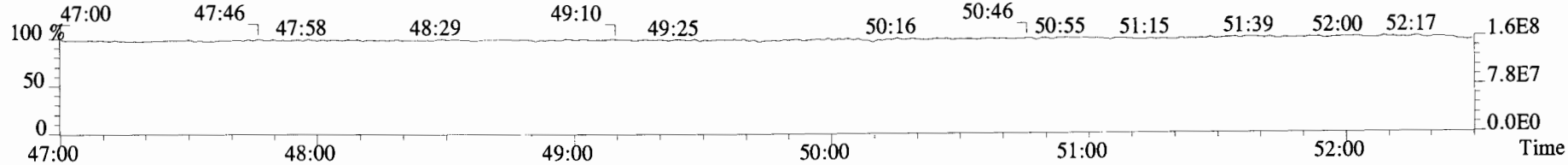
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1356.0,0.00%,F,F)



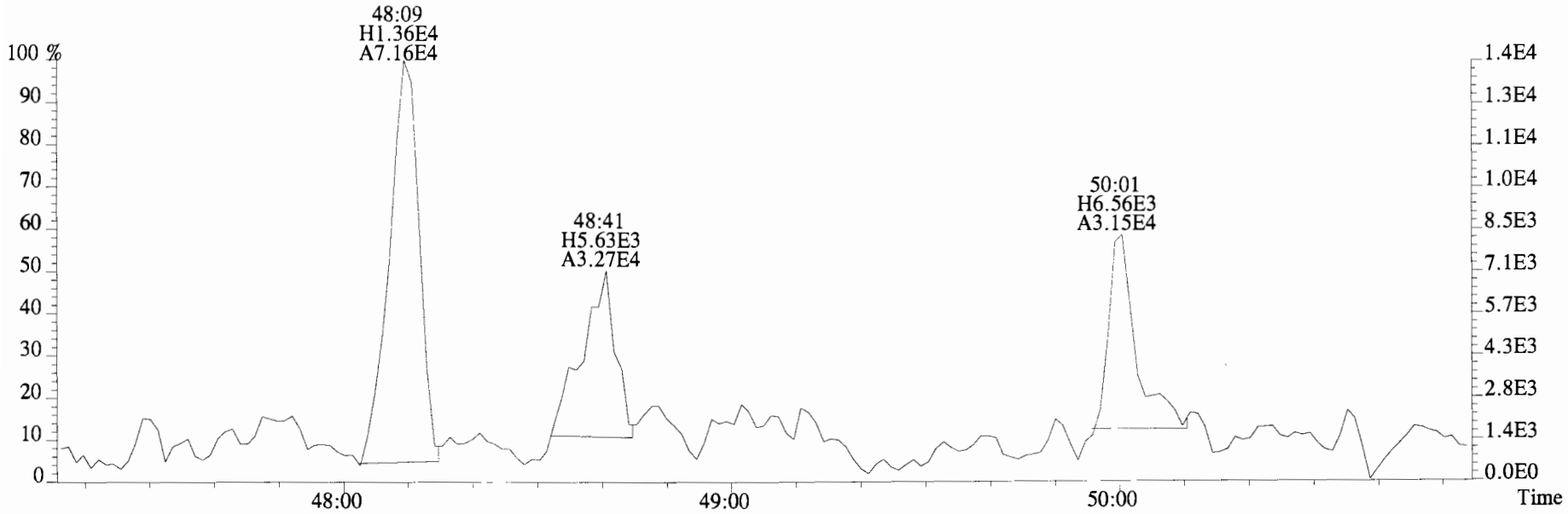
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2016.0,0.00%,F,F)



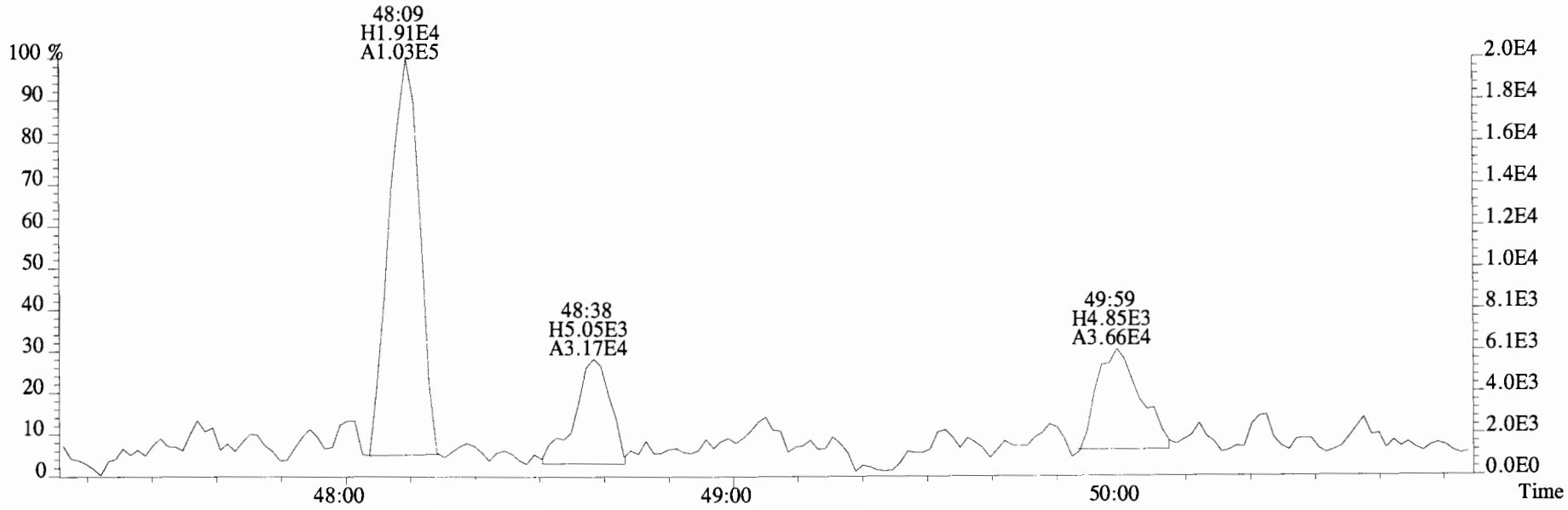
380.9760 S:5 F:4



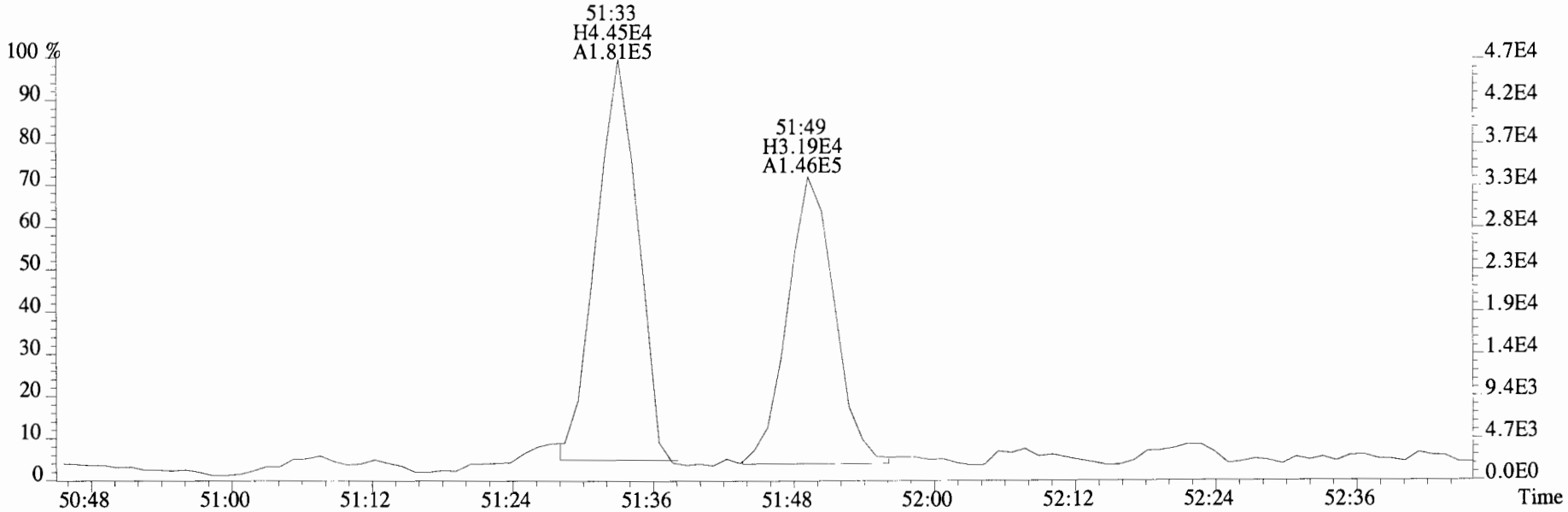
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2020.0,0.00%,F,F)



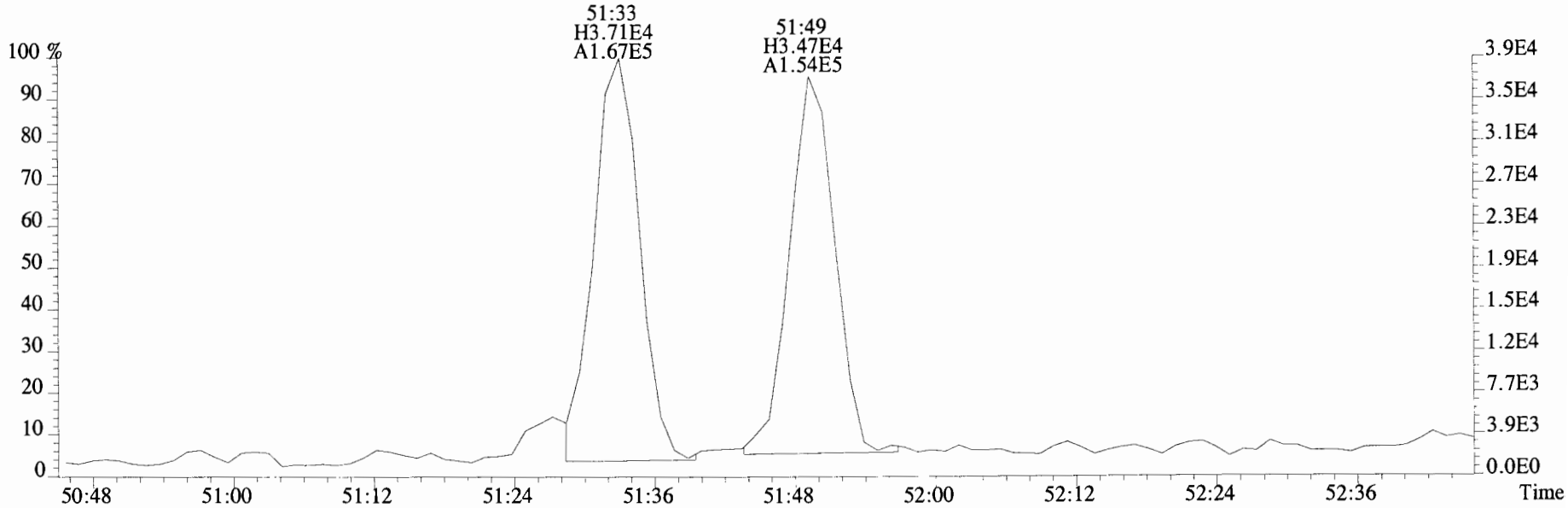
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



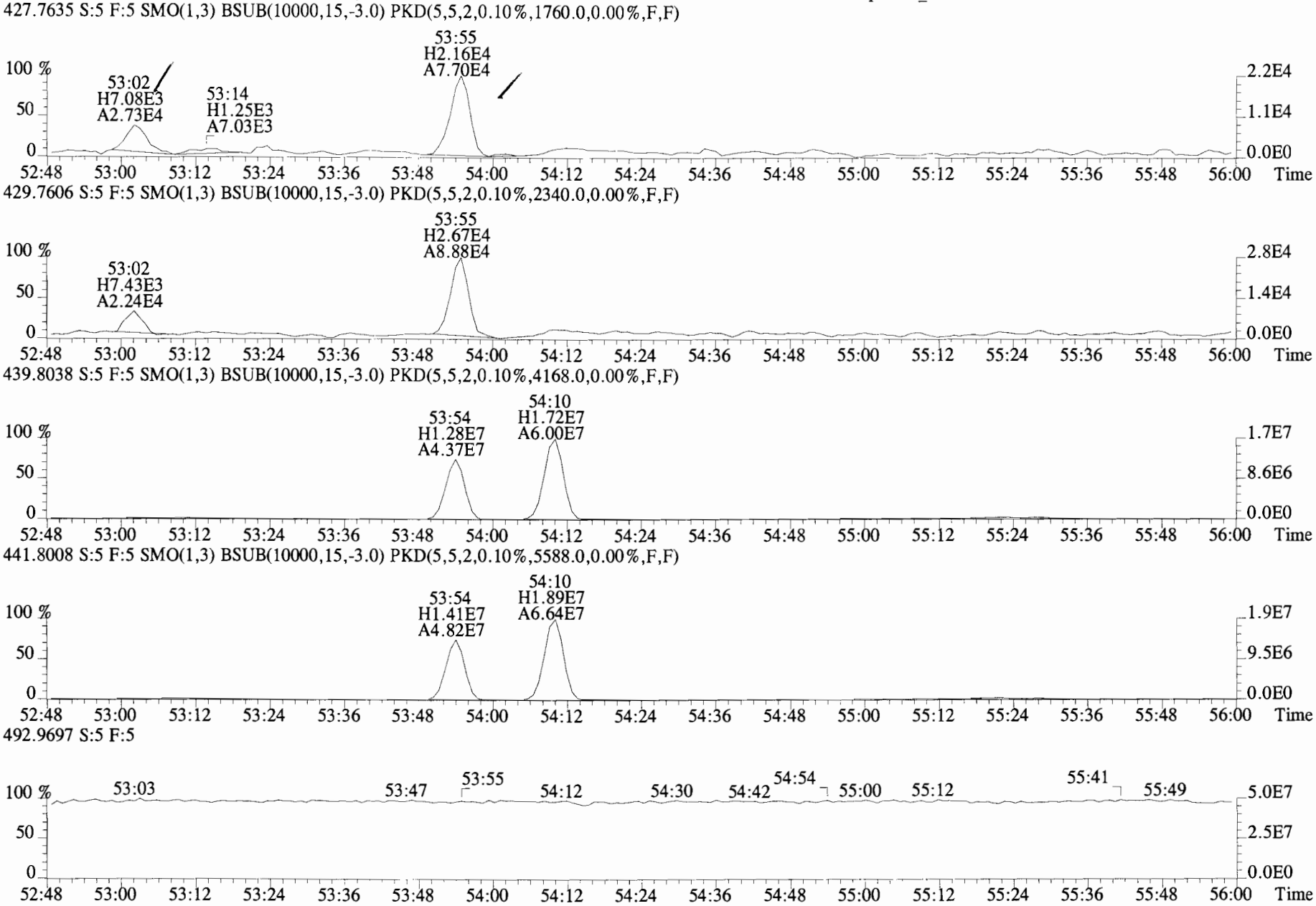
File:180118E2 #1-566 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2020.0,0.00%,F,F)



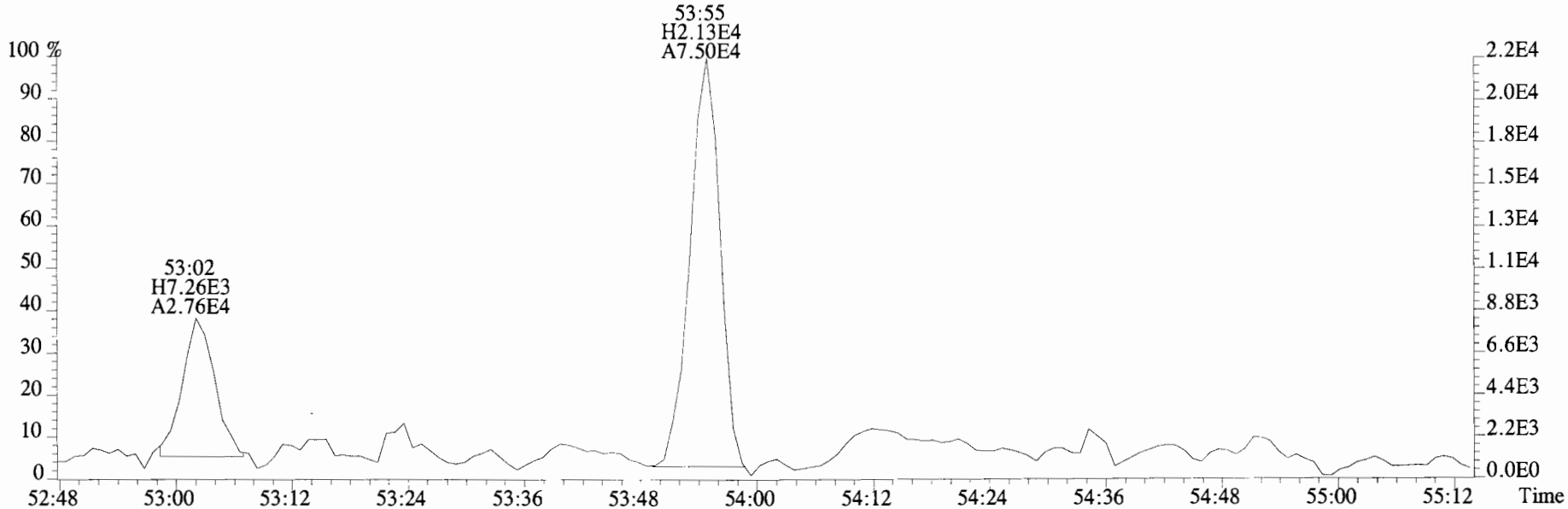
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2324.0,0.00%,F,F)



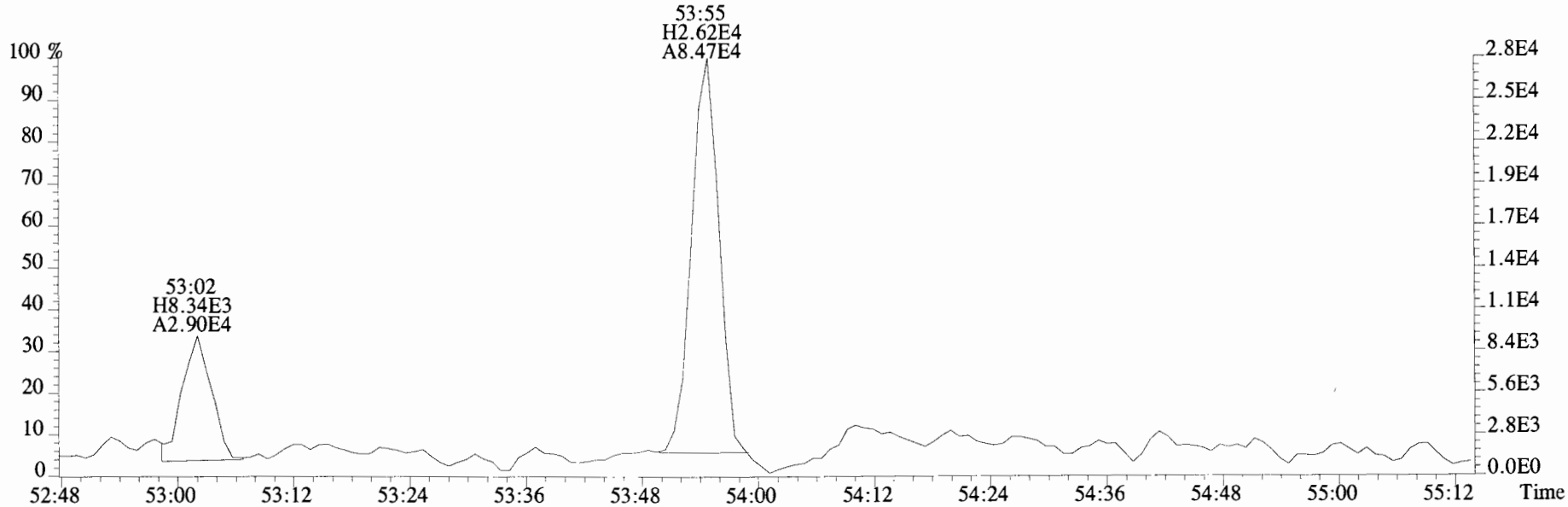
File:180118E2 #1-418 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1



File:180118E2 #1-418 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)

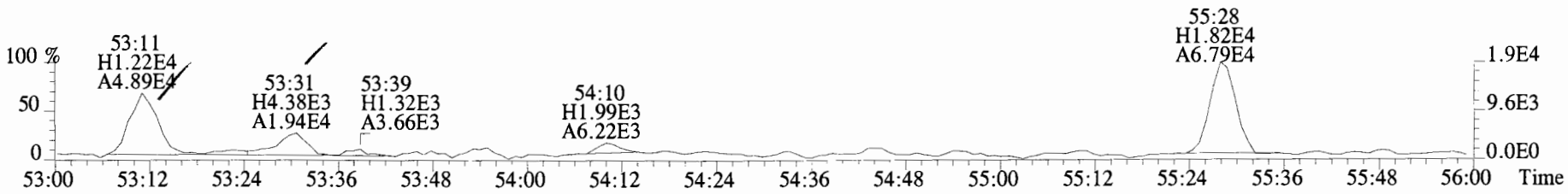


429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2340.0,0.00%,F,F)

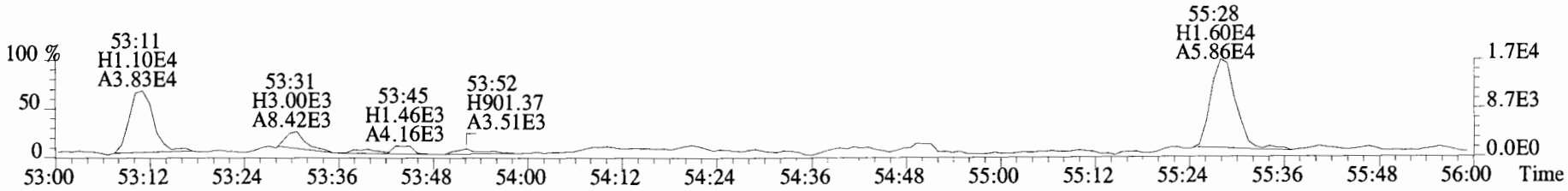


File:180118E2 #1-418 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1

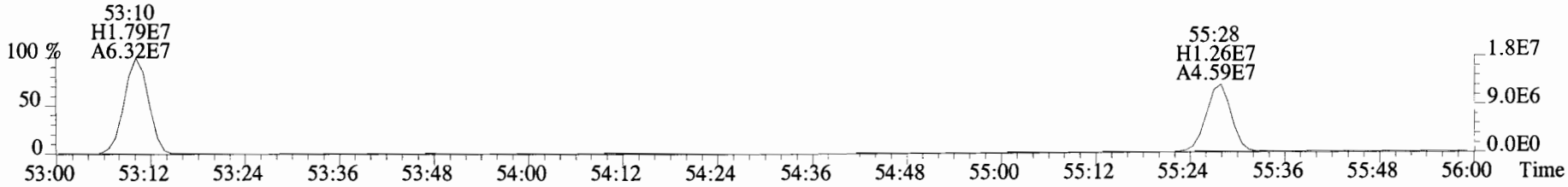
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



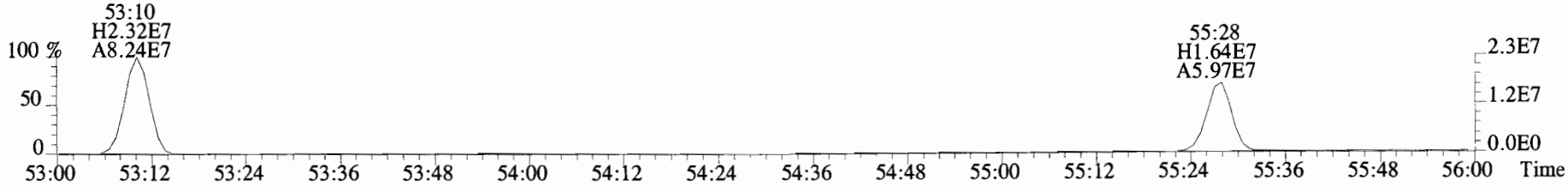
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



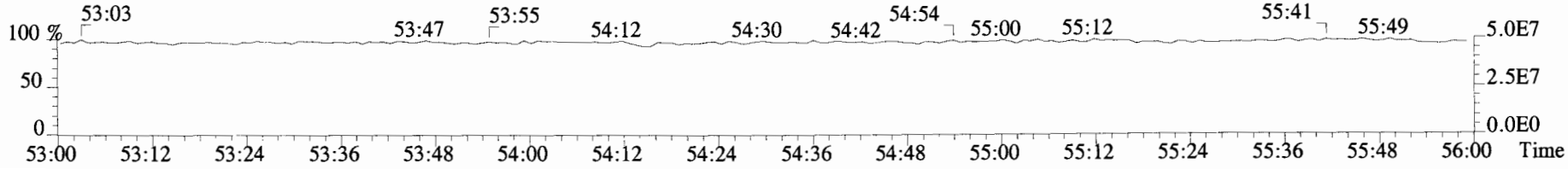
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,44876.0,0.00%,F,F)



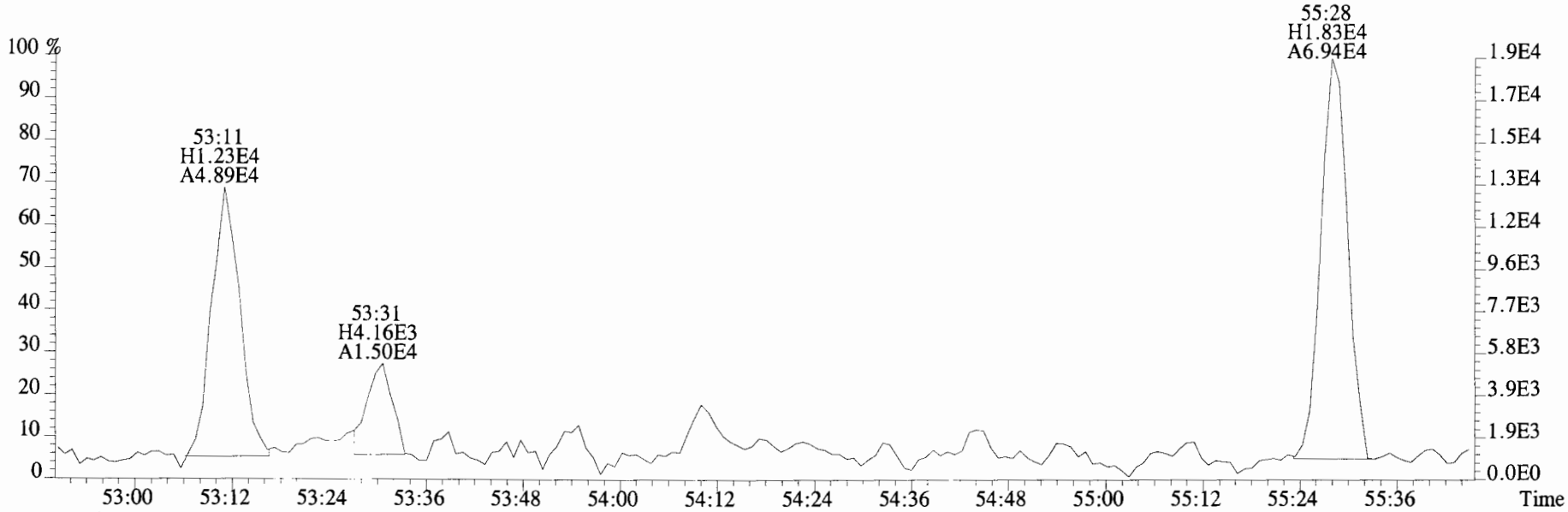
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,62528.0,0.00%,F,F)



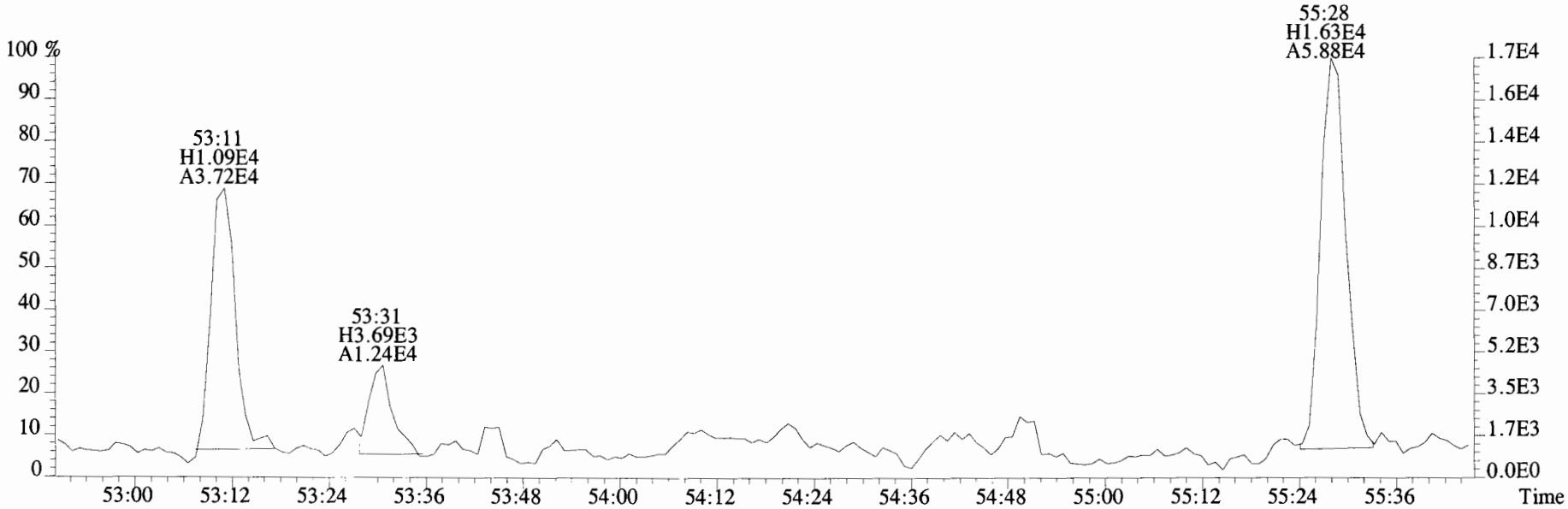
492.9697 S:5 F:5



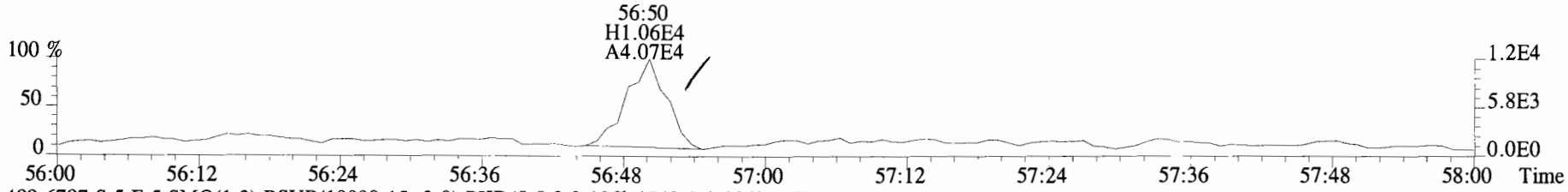
File:180118E2 #1-418 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1616.0,0.00%,F,F)



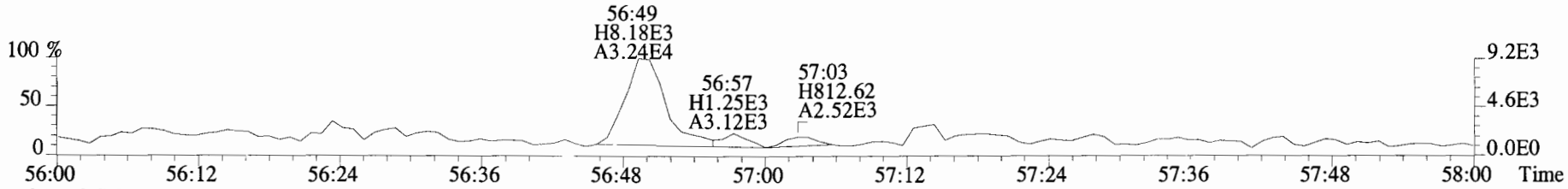
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



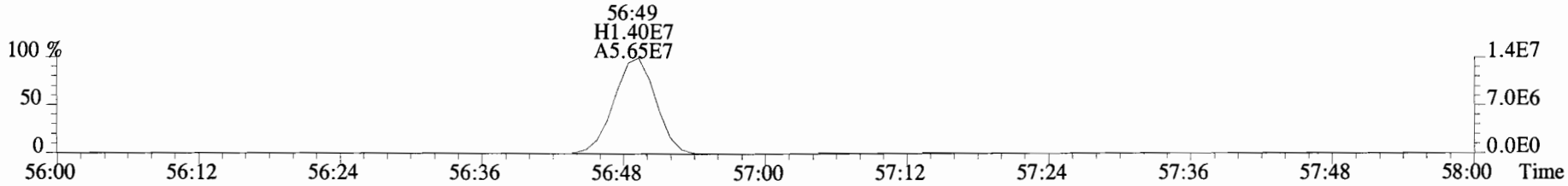
File:180118E2 #1-418 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



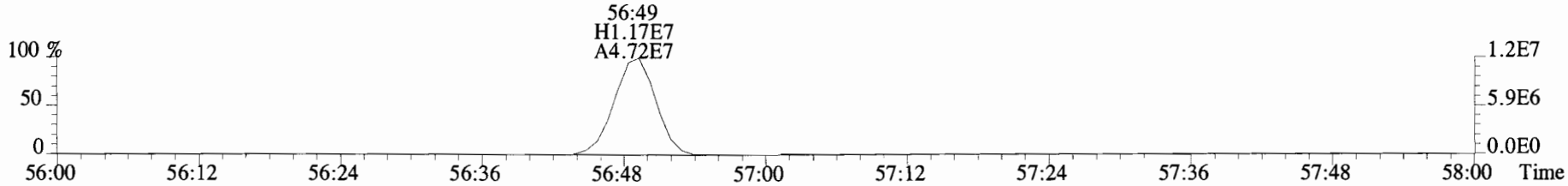
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



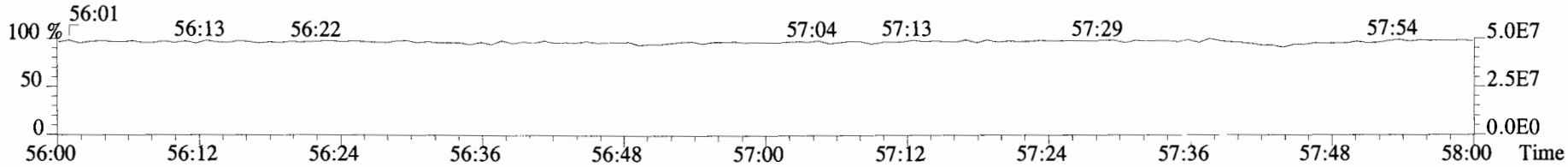
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



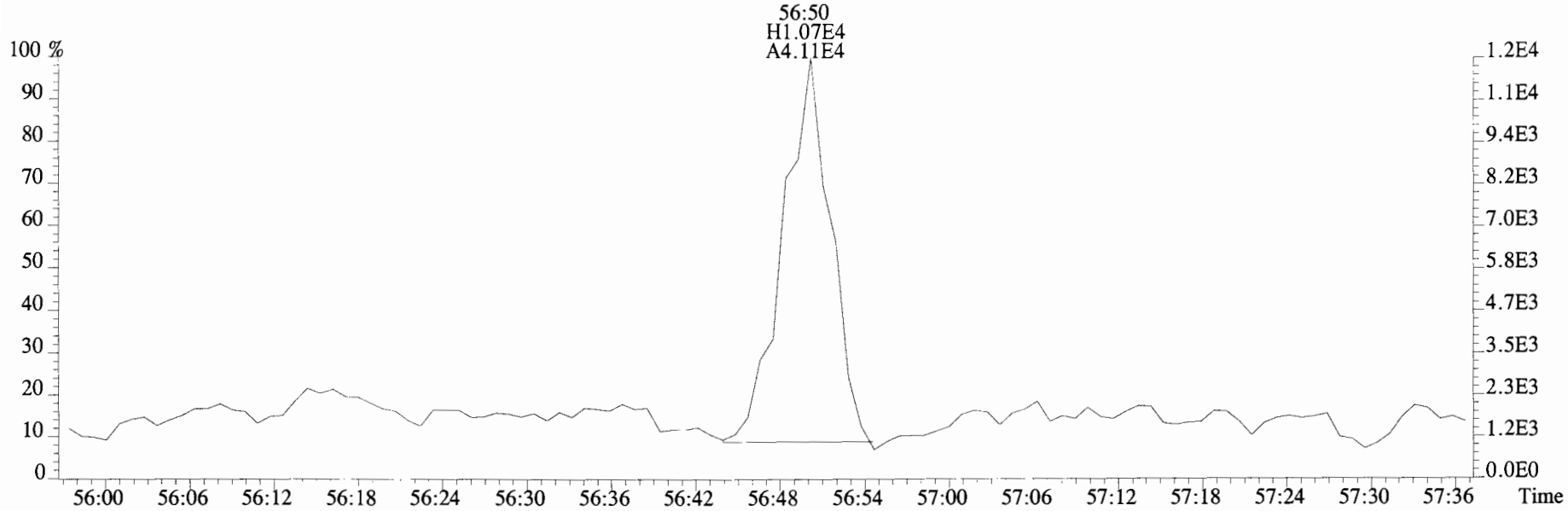
511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



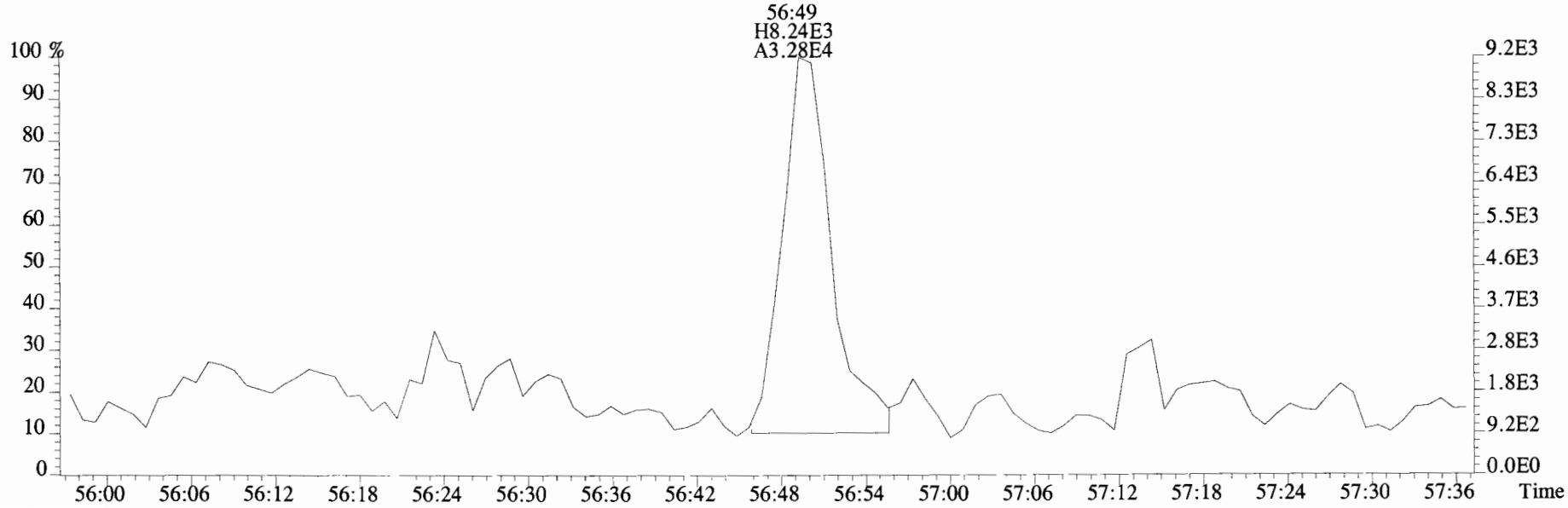
492.9697 S:5 F:5



File:180118E2 #1-418 Acq:18-JAN-2018 20:56:19 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:1701165-01 OWS-SCHU-T170829140554 1.02212 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1812.0,0.00%,F,F)



499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



Client ID: OWS-THIS-T170829140507 Filename: 180118E2 S:6 Acq:18-JAN-18 22:01:16 ConCal: ST180118E2-1
Lab ID: 1701165-02 GC Column ID: ZB-1 ICal: PCBV08-10-27-17 wt/vol: 0.940 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	3.78e+06	3.07	y 16:01	1.14	44.76		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	1.04e+05	2.70	y 18:24	1.09	1.100		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	6.45e+05	2.75	y 18:38	1.10	6.717		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	1.10e+08	1.58	y 20:00	1.41	1727		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	*	*	n NotF╗	1.13	*		21000	1.0	2.26	*	0.864-0.871
Di	PCB-6	*	*	n NotF╗	1.09	*		77600	1.0	8.65	*	0.888-0.897
Di	PCB-5/8	1.67e+06	1.50	y 22:49	1.14	19.17		*	2.5	*	0.908	0.905-0.913
Di	PCB-14	*	*	n NotF╗	1.39	*		3200	2.5	0.658	*	0.948-0.958
Di	PCB-11	7.72e+05	1.34	y 25:09	1.18	7.696		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	*	*	n NotF╗	1.15	*		42800	1.0	4.24	*	1.011-1.021
Di	PCB-15	7.16e+06	1.69	y 25:50	1.26	66.35		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	5.96e+07	1.06	y 24:08	1.25	735.0		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	*	*	n NotF╗	1.94	*		4280	2.5	0.671	*	1.033-1.043
Tri	PCB-18	1.48e+07	1.07	y 25:46	0.95	152.8		*	2.5	*	0.954	0.949-0.959
Tri	PCB-17	8.51e+06	1.05	y 25:57	1.03	80.82		*	2.5	*	0.961	0.955-0.965
Tri	PCB-24/27	2.73e+07	1.06	y 26:30	1.35	197.9		*	2.5	*	0.981	0.976-0.986
Tri	PCB-16/32	2.23e+07	1.05	y 27:02	1.11	197.1		*	2.5	*	1.001	0.995-1.005
Tri	PCB-34	2.54e+05	1.15	y 27:51	1.19	2.547		*	2.5	*	0.961	0.955-0.965
Tri	PCB-23	*	*	n NotF╗	1.24	*		3020	2.5	0.702	*	0.958-0.968
Tri	PCB-29	6.34e+04	1.16	y 28:10	1.26	0.5984		*	2.5	*	0.972	0.966-0.976
Tri	PCB-26	4.54e+06	1.05	y 28:22	1.23	43.91		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	8.76e+05	1.00	y 28:31	1.15	9.054		*	2.5	*	0.984	0.980-0.990
Tri	PCB-31	5.02e+06	1.04	y 28:53	1.32	45.24		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	7.81e+06	1.08	y 29:00	1.25	74.31		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	5.97e+05	1.03	y 29:40	1.20	5.917		*	2.5	*	1.024	1.017-1.027
Tri	PCB-22	8.00e+05	1.04	y 30:02	1.20	7.942		*	2.5	*	1.036	1.032-1.042
Tri	PCB-36	*	*	n NotF╗	1.24	*		3020	2.5	0.725	*	0.929-0.939
Tri	PCB-39	1.02e+05	1.12	y 31:08	1.32	0.9228		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	2.63e+05	1.08	y 31:55	1.18	2.661		*	2.5	*	0.972	0.966-0.976
Tri	PCB-35	*	*	n NotF╗	1.20	*		3020	2.5	0.750	*	0.982-0.992
Tri	PCB-37	2.77e+06	1.05	y 32:52	1.33	24.76		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-54	1.53e+06	0.76	y 27:52	1.12	15.24		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	2.26e+05	0.82	y 29:02	0.90	2.794		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	9.38e+06	0.81	y 29:41	1.14	109.1		*	2.5	*	0.945	0.941-0.951
Tetra	PCB-51	2.43e+06	0.79	y 30:01	1.18	27.27		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	4.45e+06	0.80	y 30:27	1.03	57.44		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	1.48e+06	0.78	y 30:57	0.98	20.02		*	2.5	*	0.986	0.981-0.991

Integrations by:

Analyst: [illegible]

Date: 2/5/18

Reviewed by: [illegible] Date: 2/6/18

Client ID: OWS-THIS-T170829140507 Filename: 180118E2 S:6 Acq:18-JAN-18 22:01:16 ConCal: ST180118E2-1
Lab ID: 1701165-02 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.940 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	2.33e+07	0.77	y 31:24	1.32	234.2		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-73	5.27e+05	0.69	y 31:32	1.39	5.049		*	2.5	*	1.004	1.000-1.010
Tetra	PCB-43/49	1.56e+07	0.77	y 31:42	1.14	181.6		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	1.09e+07	0.79	y 31:55	1.04	126.0		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-48/75	2.52e+06	0.74	y 32:02	1.31	23.18		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	7.73e+04	0.76	y 32:18	1.23	0.7560		*	2.5	*	1.013	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.27	*		3840	2.5	0.793	*	1.011-1.021
Tetra	PCB-44	1.28e+07	0.77	y 32:43	0.91	170.4		*	2.5	*	1.026	1.020-1.030
Tetra	PCB-42/59	7.23e+06	0.77	y 32:56	1.20	72.93		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	1.91e+07	0.76	y 33:32	1.27	180.7		*	2.5	*	1.051	1.046-1.056
Tetra	PCB-68	4.80e+05	0.76	y 33:46	1.48	3.923		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	2.25e+06	0.71	y 33:59	0.82	33.08		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	1.43e+05	0.79	y 34:20	1.15	1.191		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	6.83e+05	0.80	y 34:40	1.14	5.717		*	2.5	*	0.979	0.974-0.984
Tetra	PCB-58	5.90e+04	0.98	n 34:47	1.22	0.4626	R	*	2.5	*	0.983	0.977-0.987
Tetra	PCB-63	1.21e+06	0.83	y 34:56	1.22	9.497		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-74	6.38e+06	0.80	y 35:13	1.22	49.91		*	2.5	*	0.995	0.990-1.000
Tetra	PCB-61/70	7.13e+06	0.77	y 35:25	1.16	58.64		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	1.05e+07	0.82	y 35:38	1.20	83.75		*	2.5	*	1.007	1.001-1.011
Tetra	PCB-80	*	*	n NotF╗	1.38	*		3840	2.5	0.589	*	0.995-1.005
Tetra	PCB-55	*	*	n NotF╗	1.26	*		8000	1.0	0.537	*	1.004-1.014
Tetra	PCB-56/60	6.96e+06	0.75	y 36:39	1.16	56.58		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	9.38e+04	0.81	y 37:44	1.24	0.7124		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.13	*		3840	2.5	0.694	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	1.27	*		12800	1.0	0.825	*	0.995-1.005
Tetra	PCB-77	8.04e+05	0.72	y 39:32	1.32	5.740		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	*	*	n NotF╗	1.37	*		3390	2.5	1.02	*	0.996-1.006
Penta	PCB-96	2.78e+05	1.83	n 33:50	1.18	3.030	R	*	2.5	*	1.040	1.034-1.044
Penta	PCB-103	1.74e+05	1.91	n 34:22	1.12	1.999	R	8.00	2.5	0.00292	1.056	1.051-1.061
Penta	PCB-100	1.95e+05	1.52	y 34:43	1.10	2.295		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	2.44e+05	1.90	n 35:12	1.16	3.135	R	*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	6.11e+06	1.51	y 35:43	1.31	69.65		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	1.08	*		3390	2.5	1.49	*	0.997-1.007
Penta	PCB-88/91	1.66e+06	1.65	y 36:07	1.20	20.71		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.85	*		3390	2.5	0.872	*	1.009-1.019
Penta	PCB-84/92	3.31e+06	1.57	y 37:02	1.22	39.08		*	2.5	*	0.991	0.985-0.995
Penta	PCB-89	1.27e+05	1.65	y 37:12	1.18	1.544		*	2.5	*	0.995	0.990-1.000

Analyst: MJ

Date: 2/5/18

Client ID: OWS-THIS-T170829140507 Filename: 180118E2 S:6 Acq:18-JAN-18 22:01:16 ConCal: ST180118E2-1

Lab ID: 1701165-02 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.940 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	5.34e+06	1.59	y 37:24	1.38	55.48		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	*	*	n NotF╗	1.52	*		3390	2.5	1.01	*	1.002-1.012
Penta	PCB-99	3.13e+06	1.59	y 37:44	1.48	30.46		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	2.72e+05	1.40	y 38:11	2.12	2.060		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	5.73e+05	1.57	y 38:21	1.59	5.782		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF╗	1.90	*		3390	2.5	0.950	*	0.991-1.001
Penta	PCB-97	1.78e+06	1.46	y 38:42	1.50	19.06		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	*	*	n NotF╗	1.19	*		3390	2.5	1.51	*	0.999-1.009
Penta	PCB-87/117/125	2.84e+06	1.61	y 38:59	1.76	25.85		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	1.31e+05	1.37	y 39:07	2.09	1.004		*	2.5	*	1.011	1.007-1.017
Penta	PCB-85/116	1.40e+06	1.59	y 39:15	1.53	14.67		*	2.5	*	1.015	1.010-1.020
Penta	PCB-120	*	*	n NotF╗	2.19	*		3390	2.5	0.824	*	1.016-1.026
Penta	PCB-110	7.66e+06	1.60	y 39:39	1.87	65.83		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	8.50e+05	1.55	y 40:16	0.88	11.33		*	2.5	*	0.976	0.971-0.981
Penta	PCB-124	2.67e+05	1.74	y 40:57	1.46	2.146		*	2.5	*	0.993	0.988-0.998
Penta	PCB-107/109	4.68e+05	1.56	y 41:06	1.47	3.729		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	1.29e+05	1.52	y 41:15	1.48	1.023		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	4.33e+06	1.59	y 41:27	1.45	33.38		*	2.5	*	1.001	0.996-1.006
Penta	PCB-114	9.61e+04	1.30	n 42:05	1.39	1.072	R	*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	*	*	n NotF╗	1.21	*		2260	2.5	0.980	*	0.999-1.009
Penta	PCB-105	1.66e+06	1.60	y 42:57	1.44	17.94		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF╗	1.19	*		2260	2.5	0.913	*	0.995-1.005
Penta	PCB-126	*	*	n NotF╗	1.33	*		2260	2.5	0.891	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF╗	1.42	*		3320	2.5	0.739	*	0.966-1.006
Hexa	PCB-150	*	*	n NotF╗	1.32	*		3320	2.5	0.794	*	1.029-1.039
Hexa	PCB-152	*	*	n NotF╗	1.30	*		3320	2.5	0.810	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF╗	1.27	*		3320	2.5	0.825	*	1.054-1.064
Hexa	PCB-136	5.30e+05	1.10	y 39:26	1.30	4.642		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	*	*	n NotF╗	0.94	*		3320	2.5	1.11	*	1.066-1.076
Hexa	PCB-154	7.79e+04	1.24	y 40:02	1.04	0.8554		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	7.28e+05	1.37	y 40:41	0.97	8.570		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	4.55e+05	1.23	y 40:54	0.99	5.229		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	*	*	n NotF╗	0.99	*		5000	1.0	0.635	*	1.105-1.116
Hexa	PCB-147	1.64e+05	1.43	y 41:08	0.89	2.110		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	1.95e+06	1.23	y 41:23	1.03	21.59		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	*	*	n NotF╗	0.97	*		3320	2.5	1.08	*	1.120-1.132
Hexa	PCB-134/143	2.13e+05	1.27	y 42:02	0.93	2.779		*	2.5	*	0.976	0.970-0.980

Analyst: MJ

Date: 2/5/18

Client ID: OWS-THIS-T170829140507 Filename: 180118E2 S:6 Acq:18-JAN-18 22:01:16 ConCal: ST180118E2-1
Lab ID: 1701165-02 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.940 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	1.56e+05	1.16	y 42:19	0.92	2.057		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.86	*		3170	2.5	1.30	*	0.980-0.990
Hexa	PCB-146/165	4.66e+05	1.14	y 42:42	1.12	5.076		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	8.10e+05	1.11	y 42:58	1.13	8.716		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	2.01e+06	1.29	y 43:07	1.16	21.22		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-168	*	*	n NotF╗	1.41	*		3170	2.5	0.795	*	1.000-1.010
Hexa	PCB-141	3.11e+05	1.21	y 43:51	1.24	3.611		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-137	1.44e+05	1.21	y 44:14	1.25	1.648		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	1.71e+05	1.28	y 44:21	1.07	2.295		*	2.5	*	1.012	1.006-1.016
Hexa	PCB-138/163/164	2.79e+06	1.22	y 44:41	1.36	27.83		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-158/160	2.63e+05	1.18	y 44:55	1.46	2.449		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	1.02e+05	1.20	y 45:10	1.01	1.370		*	2.5	*	1.011	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.23	*		3170	2.5	0.847	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.31	*		3170	2.5	0.797	*	0.995-1.005
Hexa	PCB-128/162	4.31e+05	1.31	y 46:14	1.09	4.422		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	1.04e+05	1.19	y 46:38	1.29	0.8976		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	2.65e+05	1.11	y 47:56	1.32	2.235		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	*	*	n NotF╗	1.34	*		5700	2.5	1.43	*	0.995-1.005
Hexa	PCB-169	*	*	n NotF╗	1.21	*		3170	2.5	0.841	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.61	*		2970	2.5	0.505	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.46	*		2970	2.5	0.556	*	1.006-1.016
Hepta	PCB-179	2.72e+05	1.05	y 43:57	1.49	2.697		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	6.03e+04	1.14	y 44:25	1.58	0.5634		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.54	*		2970	2.5	0.528	*	1.049-1.059
Hepta	PCB-178	1.80e+05	1.17	y 45:31	1.16	2.292		*	2.5	*	1.066	1.061-1.071
Hepta	PCB-175	*	*	n NotF╗	1.17	*		2970	2.5	0.691	*	1.069-1.079
Hepta	PCB-182/187	5.09e+05	1.12	y 46:01	1.25	5.988		*	2.5	*	1.077	1.073-1.083
Hepta	PCB-183	1.78e+05	1.11	y 46:21	1.32	1.990		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	*	*	n NotF╗	1.67	*		2970	2.5	0.650	*	0.951-0.961
Hepta	PCB-174	2.79e+05	1.10	y 47:23	1.53	3.566		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.59	*		2970	2.5	0.682	*	0.960-0.970
Hepta	PCB-177	1.94e+05	1.41	n 47:38	1.48	2.570	R	*	2.5	*	0.968	0.964-0.974
Hepta	PCB-171	9.79e+04	1.11	y 47:56	1.71	1.121		*	2.5	*	0.974	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.40	*		2970	2.5	0.777	*	0.978-0.988
Hepta	PCB-172	*	*	n NotF╗	1.61	*		5800	1.0	0.527	*	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	2.08	*		2970	2.5	0.523	*	0.991-1.001
Hepta	PCB-180	5.41e+05	1.14	y 49:13	1.67	6.339		*	2.5	*	1.000	0.995-1.005

Analyst: MJ

Date: 2/5/18

Client ID: OWS-THIS-T170829140507 Filename: 180118E2 S:6 Acq:18-JAN-18 22:01:16 ConCal: ST180118E2-1
Lab ID: 1701165-02 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.940 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	*	*	n NotF╗	2.18	*		5300	1.0	0.355	*	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	2.22	*		2970	2.5	0.488	*	1.005-1.015
Hepta	PCB-170	2.50e+05	1.21	y 50:47	1.83	3.043		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	1.00e+05	1.01	y 50:58	2.48	0.8979		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.82	*		2970	2.5	0.417	*	0.995-1.005
Octa	PCB-202	7.07e+04	1.24	n 48:08	1.15	0.7900	R	*	2.5	*	1.000	0.995-1.005
Octa	PCB-201	*	*	n NotF╗	1.25	*		2160	2.5	0.535	*	1.005-1.015
Octa	PCB-204	*	*	n NotF╗	1.21	*		2160	2.5	0.552	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.34	*		2160	2.5	0.500	*	1.015-1.025
Octa	PCB-200	*	*	n NotF╗	1.22	*		2160	2.5	0.550	*	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.90	*		2160	2.5	0.743	*	1.064-1.074
Octa	PCB-199	1.57e+05	0.80	y 51:32	0.85	2.396		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	1.47e+05	1.00	y 51:48	0.96	1.980		*	2.5	*	1.076	1.072-1.082
Octa	PCB-195	3.10e+04	0.78	y 53:01	1.12	0.6750		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	1.22e+05	0.79	y 53:54	1.26	2.372		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.59	*		2800	2.5	0.721	*	1.000-1.010
Nona	PCB-208	3.76e+04	1.61	n 53:10	1.09	0.5207	R	*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	*	*	n NotF╗	1.10	*		2300	2.5	0.513	*	1.001-1.011
Nona	PCB-206	6.48e+04	1.32	y 55:29	0.94	1.399		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	2.18e+04	1.60	n 56:49	1.44	0.3126	R	*	2.5	*	1.000	0.995-1.005

Analyst: JM

Date: 2/5/18

Client ID: OWS-THIS-T170829140507 Filename: 180118E2 S:6 Acq:18-JAN-18 22:01:16 ConCal: ST180118E2-1
Lab ID: 1701165-02 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.940 EndCAL: NA

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	4.53e+06	3.07	y	16:01	1.11	52.5762	
Total Di-PCB	1.20e+08	1.58	y	20:00	1.19	1820.53	
Total Tri-PCB	1.32e+08	1.06	y	24:08	1.27	1363.64	
Total Tri-PCB	2.31e+07	1.15	y	27:51	1.23	217.866	Sum:1581.50
Total Tetra-PCB	1.48e+08	0.76	y	27:52	1.17	1535.43	
Total Penta-PCB	4.06e+07	1.52	y	34:43	1.37	405.076	
Total Penta-PCB	1.66e+06	1.60	y	42:57	1.31	17.9354	Sum:423.011
Total Hexa-PCB	3.90e+06	1.10	y	39:26	1.10	42.9948	
Total Hexa-PCB	8.23e+06	1.27	y	42:02	1.17	86.5981	Sum:129.593
Total Hepta-PCB	2.47e+06	1.05	y	43:57	1.55	28.4972	
Total Octa-PCB	3.05e+05	0.80	y	51:32	1.09	4.37606	
Total Octa-PCB	1.53e+05	0.78	y	53:01	1.33	3.04726	Sum:7.42332
Total Nona-PCB	6.48e+04	1.32	y	55:29	1.05	1.39909	
Total Deca-PCB	2.18e+04	1.60	n	56:49	1.44	0.312604	

Total PCB Conc:5593.85615800

Integrations
by
Analyst: VM
Date: 2/5/18

Client ID: OWS-THIS-T170829140507 Filename: 180118E2 S:6 Acq:18-JAN-18 22:01:16 ConCal: ST180118E2-1
Lab ID: 1701165-02 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:0.9398 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	1.58e+08	3.11 y	1.24	16:00	0.619	0.616	0.622	1150	53.9
13C-PCB-3	1.85e+08	3.15 y	1.25	18:37	0.721	0.717	0.725	1330	62.3
13C-PCB-4	9.58e+07	1.57 y	0.66	19:57	0.772	0.768	0.776	1310	61.4
13C-PCB-9	1.62e+08	1.55 y	0.98	21:45	0.842	0.838	0.846	1480	69.7
13C-PCB-11	1.82e+08	1.53 y	0.95	25:07	0.972	0.968	0.978	1710	80.3
13C-PCB-19	1.38e+08	1.07 y	0.64	24:06	0.933	0.928	0.938	1950	91.6
13C-PCB-28	1.79e+08	1.01 y	0.98	28:59	1.004	0.999	1.009	2060	96.6
13C-PCB-32	2.18e+08	1.05 y	0.90	27:01	1.046	1.041	1.051	2160	102
13C-PCB-37	1.79e+08	1.05 y	0.95	32:51	1.138	1.131	1.144	2110	99.0
13C-PCB-47	1.76e+08	0.80 y	0.85	31:54	0.870	0.867	0.875	1780	83.8
13C-PCB-52	1.60e+08	0.79 y	0.77	31:24	0.857	0.853	0.861	1770	83.2
13C-PCB-54	1.91e+08	0.79 y	0.99	27:51	0.760	0.757	0.765	1650	77.7
13C-PCB-70	2.22e+08	0.80 y	1.00	35:24	0.966	0.961	0.971	1910	89.6
13C-PCB-77	2.25e+08	0.79 y	0.96	39:31	1.078	1.073	1.083	2020	94.9
13C-PCB-80	2.26e+08	0.78 y	1.00	35:50	0.978	0.973	0.983	1930	90.6
13C-PCB-81	2.33e+08	0.78 y	1.00	38:55	1.062	1.057	1.067	1990	93.6
13C-PCB-95	1.42e+08	1.56 y	0.81	35:42	0.913	0.908	0.918	1850	87.0
13C-PCB-97	1.33e+08	1.59 y	0.70	38:41	0.989	0.984	0.994	2000	94.1
13C-PCB-101	1.48e+08	1.56 y	0.80	37:23	0.956	0.951	0.961	1950	91.8
13C-PCB-104	1.65e+08	1.56 y	1.03	32:32	0.832	0.828	0.836	1690	79.3
13C-PCB-105	1.37e+08	1.60 y	1.16	42:56	0.929	0.924	0.934	1680	79.0
13C-PCB-114	1.37e+08	1.59 y	1.17	42:04	0.910	0.905	0.915	1670	78.6
13C-PCB-118	1.91e+08	1.58 y	0.99	41:25	1.059	1.054	1.064	2030	95.2
13C-PCB-123	1.81e+08	1.57 y	0.95	41:15	1.055	1.049	1.059	2010	94.3
13C-PCB-126	1.35e+08	1.57 y	1.16	45:10	0.977	0.972	0.982	1660	78.2
13C-PCB-127	1.46e+08	1.57 y	1.25	43:17	0.937	0.931	0.941	1660	78.2
13C-PCB-138	1.56e+08	1.25 y	1.15	44:40	0.966	0.961	0.971	1940	91.3
13C-PCB-141	1.48e+08	1.26 y	1.08	43:50	0.948	0.943	0.953	1960	92.3
13C-PCB-153	1.74e+08	1.26 y	1.28	43:05	0.932	0.928	0.938	1940	91.1
13C-PCB-155	1.87e+08	1.27 y	0.75	36:56	0.944	0.939	0.949	2630	124
13C-PCB-156	1.92e+08	1.27 y	1.37	47:55	1.037	1.032	1.042	1990	93.5
13C-PCB-157	1.87e+08	1.27 y	1.38	48:11	1.043	1.038	1.048	1940	91.4
13C-PCB-159	1.89e+08	1.25 y	1.38	45:57	0.994	0.989	0.999	1960	92.1
13C-PCB-167	1.90e+08	1.26 y	1.39	46:38	1.009	1.004	1.014	1950	91.8
13C-PCB-169	1.86e+08	1.28 y	1.38	50:23	1.090	1.085	1.095	1930	90.5
13C-PCB-170	9.56e+07	0.46 y	0.84	50:47	1.103	1.097	1.109	2090	98.2
13C-PCB-180	1.09e+08	0.46 y	0.96	49:12	1.069	1.063	1.073	2080	97.5
13C-PCB-188	1.44e+08	0.45 y	1.39	42:43	0.928	0.923	0.933	1910	89.5
13C-PCB-189	1.26e+08	0.46 y	1.12	52:21	1.137	1.132	1.144	2070	97.3
13C-PCB-194	8.69e+07	0.91 y	0.76	53:54	0.995	0.990	1.000	2060	96.8
13C-PCB-202	1.65e+08	0.90 y	1.21	48:08	1.046	1.040	1.050	2500	117
13C-PCB-206	1.05e+08	0.78 y	0.78	55:29	1.025	1.019	1.029	2430	114
13C-PCB-208	1.41e+08	0.78 y	1.08	53:09	0.982	0.976	0.986	2360	111
13C-PCB-209	1.03e+08	1.20 y	0.73	56:49	1.049	1.043	1.053	2540	119

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.37e+08	0.78 y	1.02	37:42	1.029	1.024	1.034	1990	93.7
13C-PCB-178	1.04e+08	0.46 y	0.90	45:31	0.985	0.980	0.990	2100	98.6

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.37e+08	0.78 y	1.01	37:42	0.969	0.963	0.973	2130	100
13C-PCB-178	1.04e+08	0.46 y	0.94	45:31	0.925	0.920	0.930	2150	101

RS

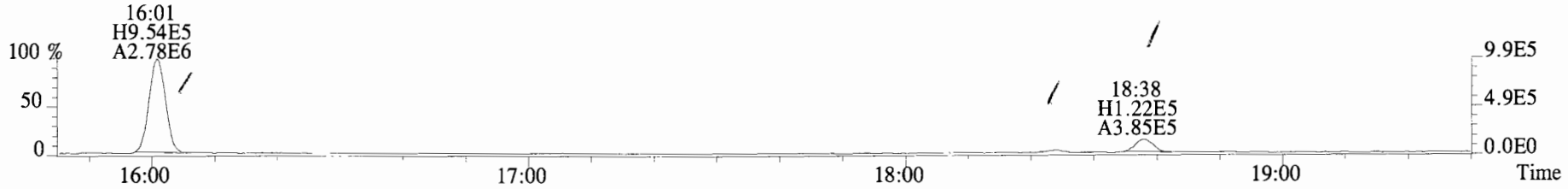
Name	Resp	RA		RRF	RT	Conc
13C-PCB-15	2.37e+08	1.54	y	1.00	25:50	2130
13C-PCB-31	1.90e+08	1.03	y	1.00	28:52	2130
13C-PCB-60	2.48e+08	0.80	y	1.00	36:39	2130
13C-PCB-111	2.02e+08	1.57	y	1.00	39:07	2130
13C-PCB-128	1.49e+08	1.26	y	1.00	46:13	2130
13C-PCB-182	1.16e+08	0.45	y	1.00	46:02	2130
13C-PCB-205	1.18e+08	0.92	y	1.00	54:09	2130

Analyst: MJ

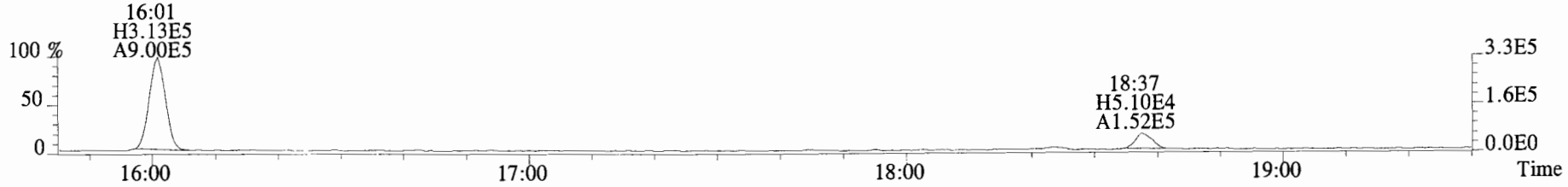
Date: 2/5/18

File:180118E2 #1-867 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1

188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32096.0,0.00%,F,F)



190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13728.0,0.00%,F,F)



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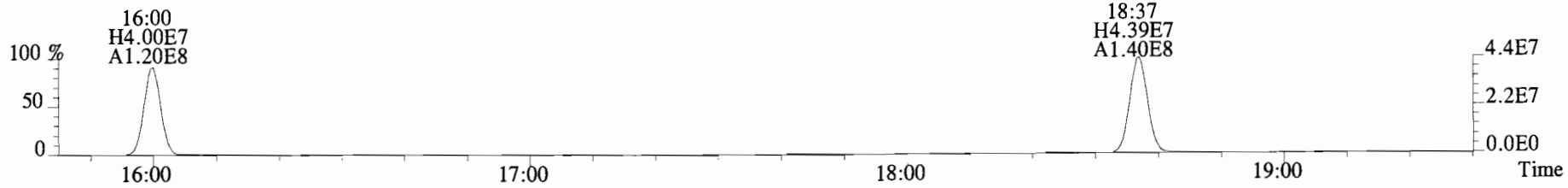
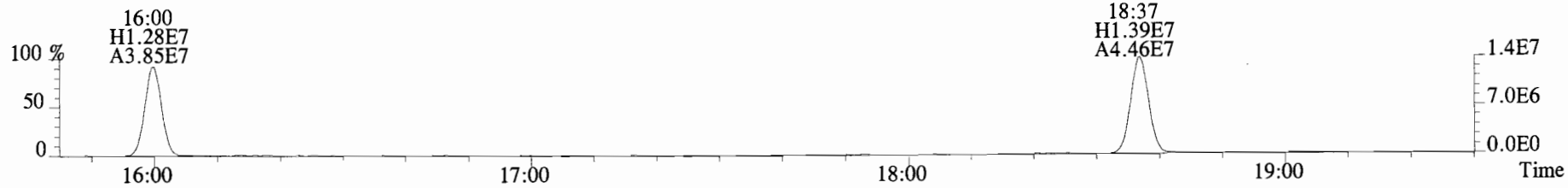
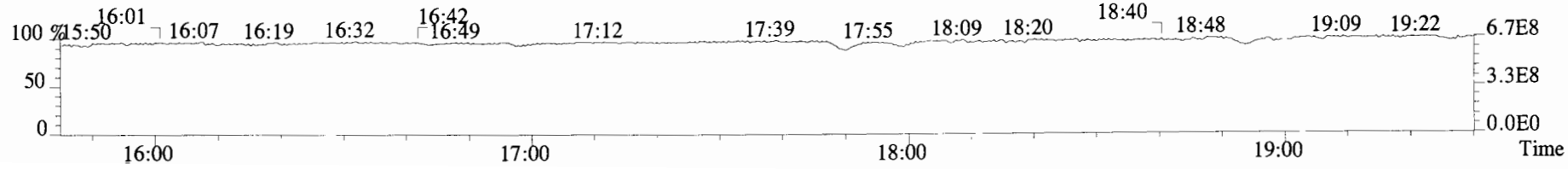


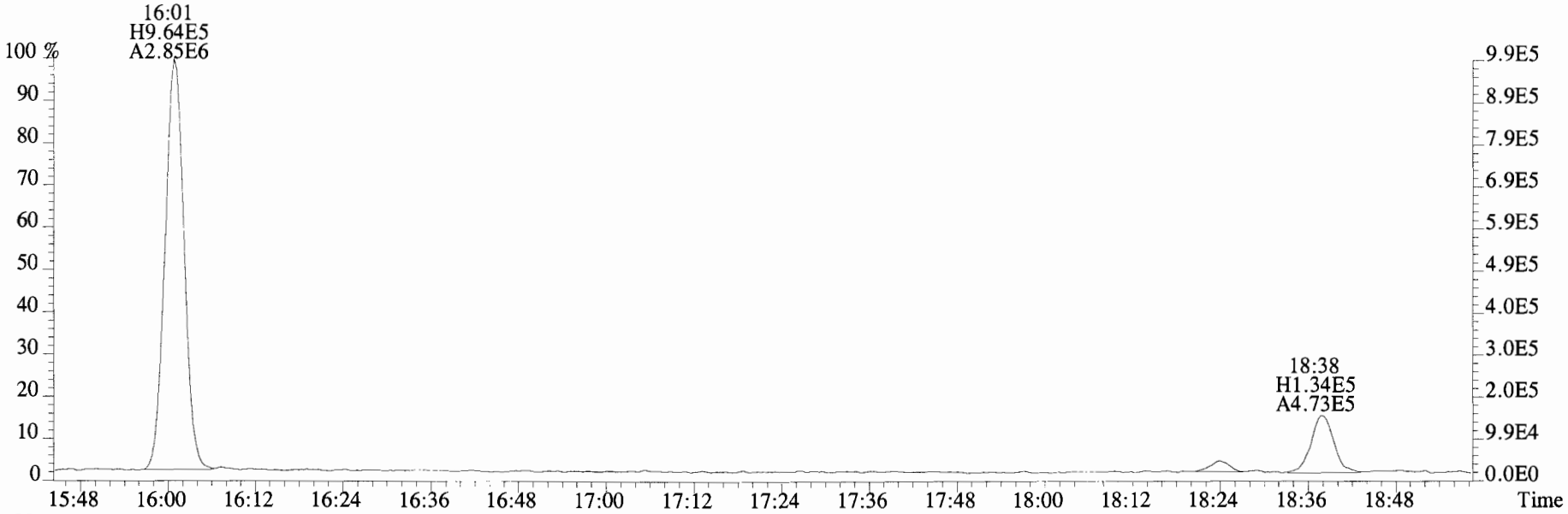
202.0766 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39404.0,0.00%,F,F)



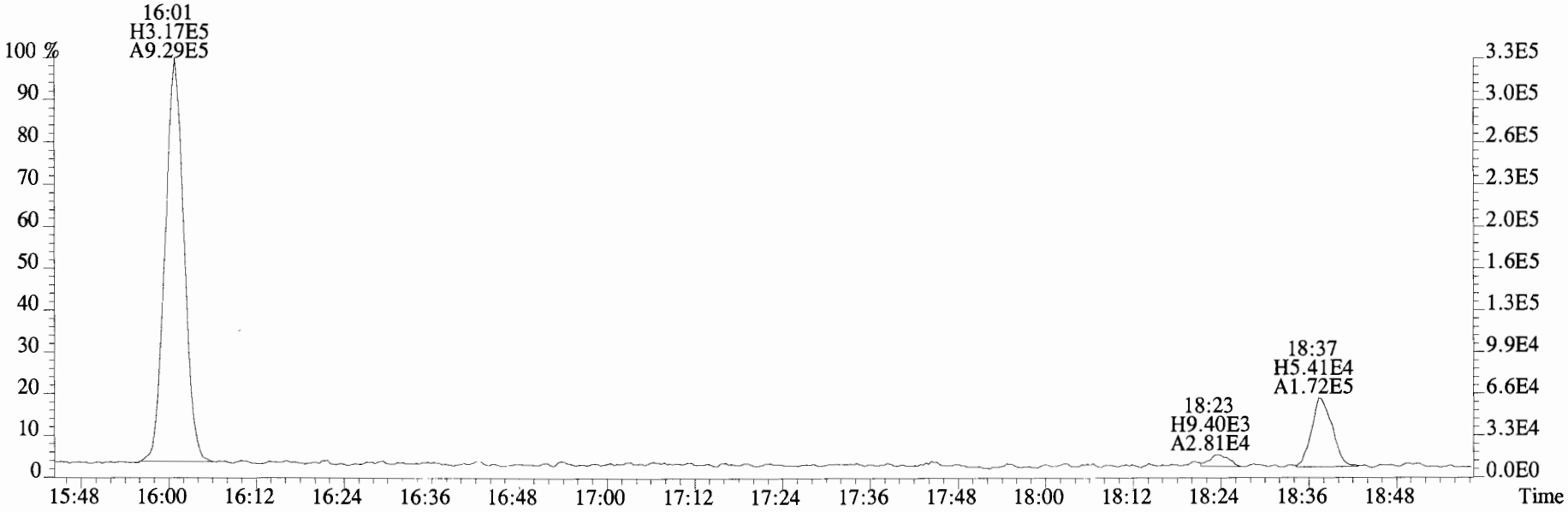
180.9880 S:6



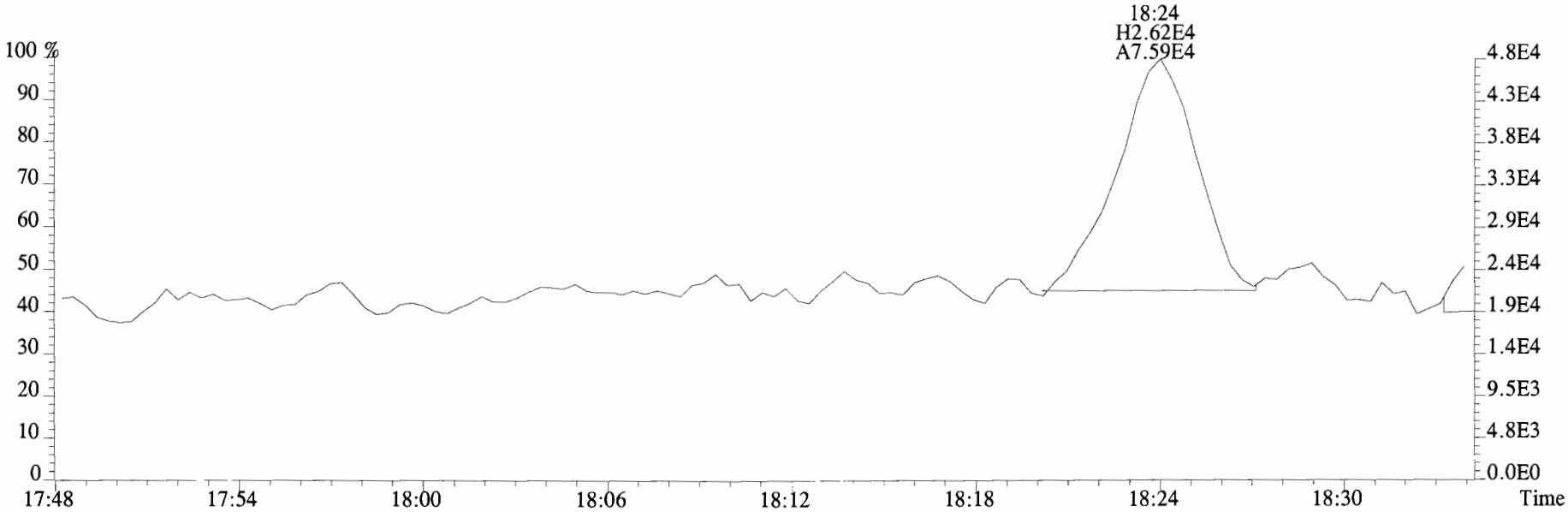
File:180118E2 #1-867 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32096.0,0.00%,F,F)



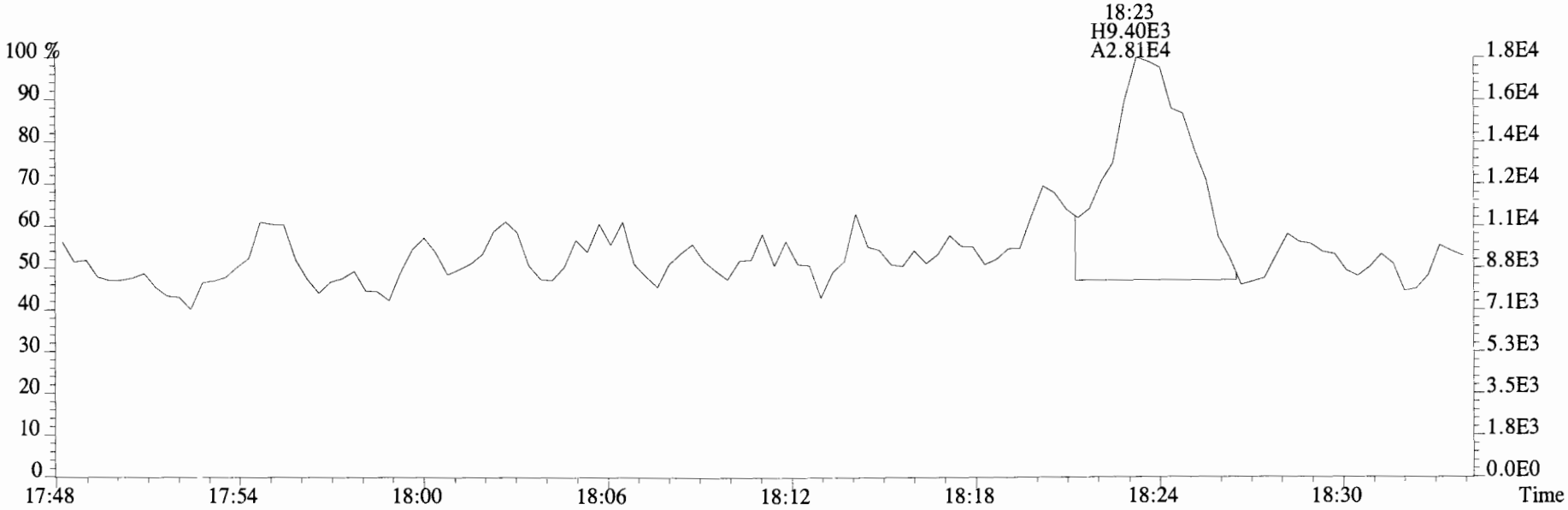
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13728.0,0.00%,F,F)



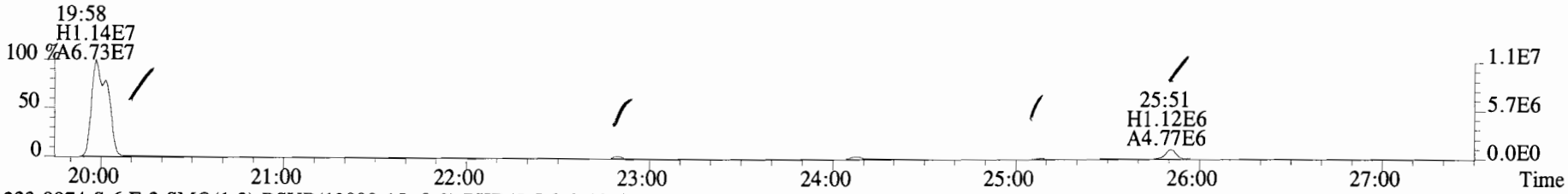
File:180118E2 #1-867 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32096.0,0.00%,F,F)



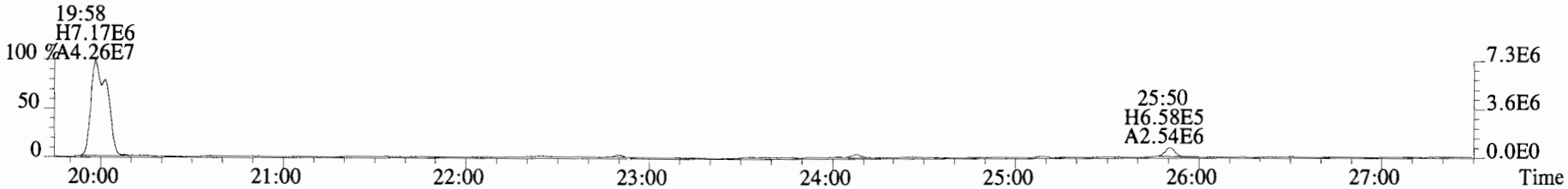
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13728.0,0.00%,F,F)



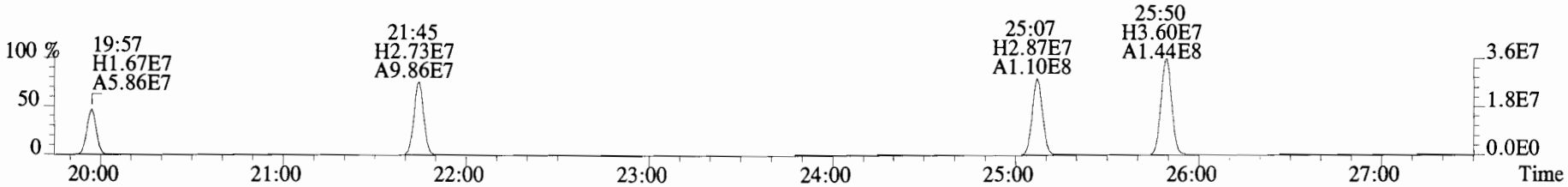
File:180118E2 #1-757 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5120.0,0.00%,F,F)



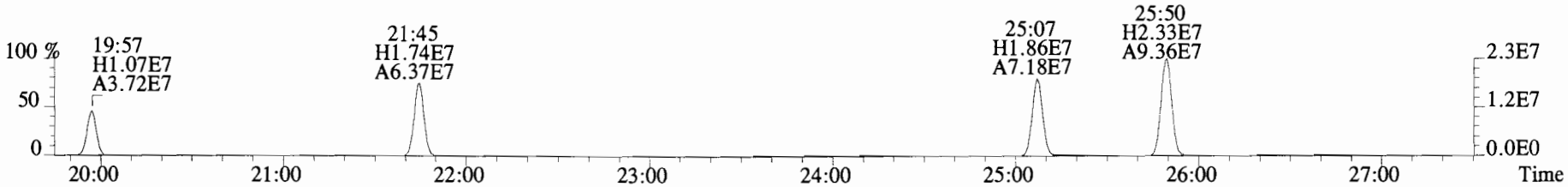
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81336.0,0.00%,F,F)



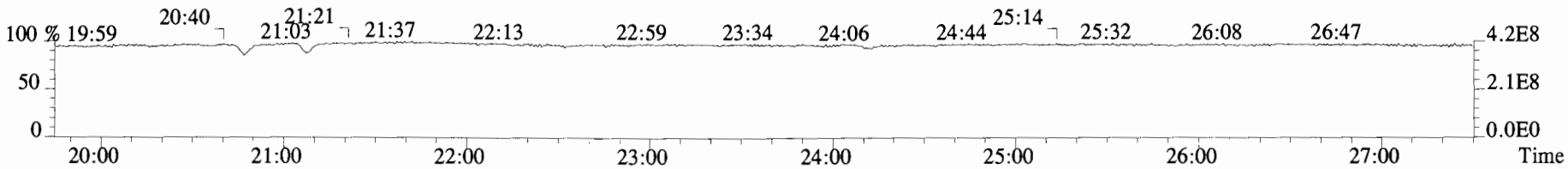
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9936.0,0.00%,F,F)



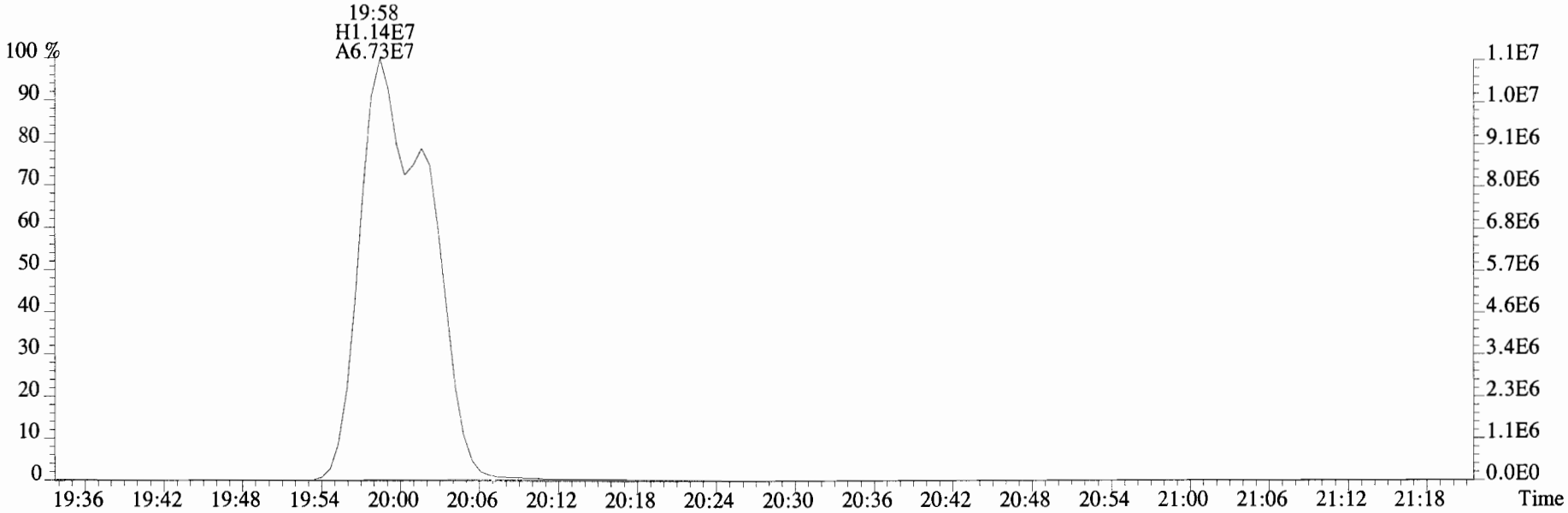
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7084.0,0.00%,F,F)



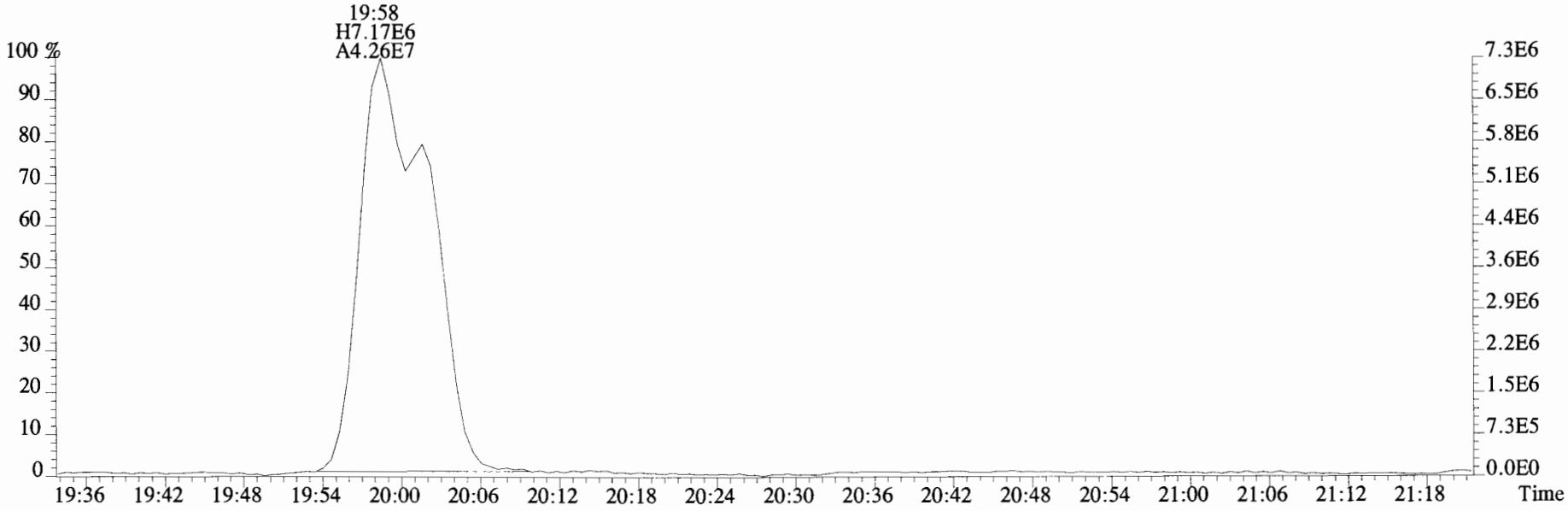
230.9856 S:6 F:2



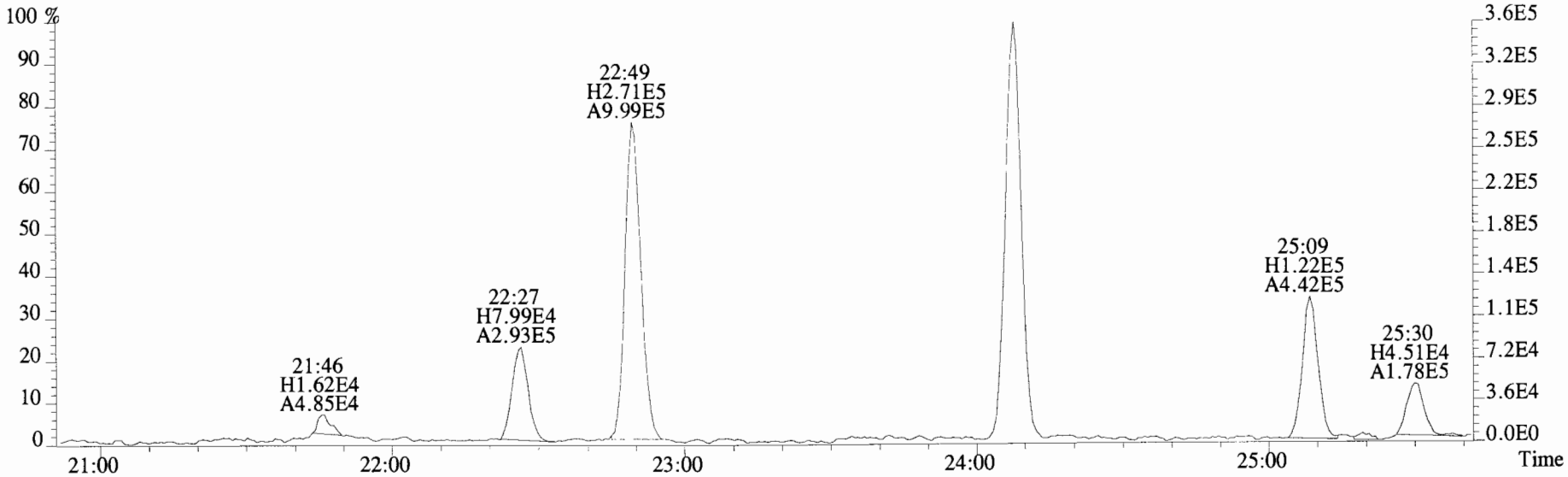
File:180118E2 #1-757 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5120.0,0.00%,F,F)



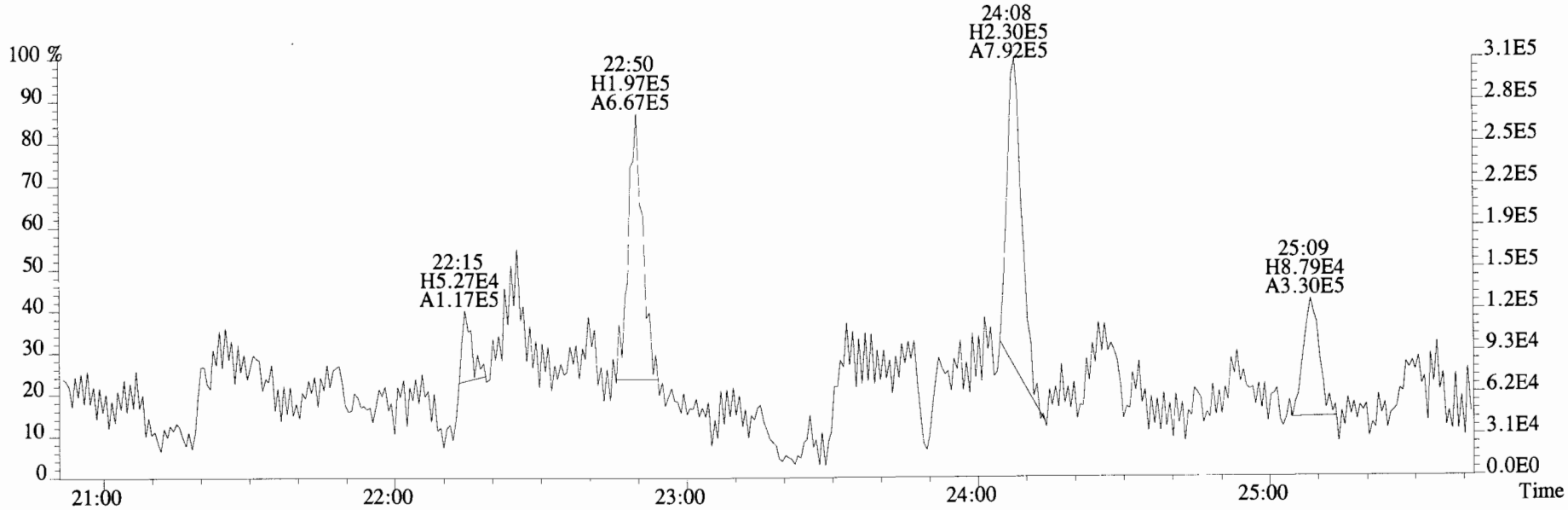
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81336.0,0.00%,F,F)



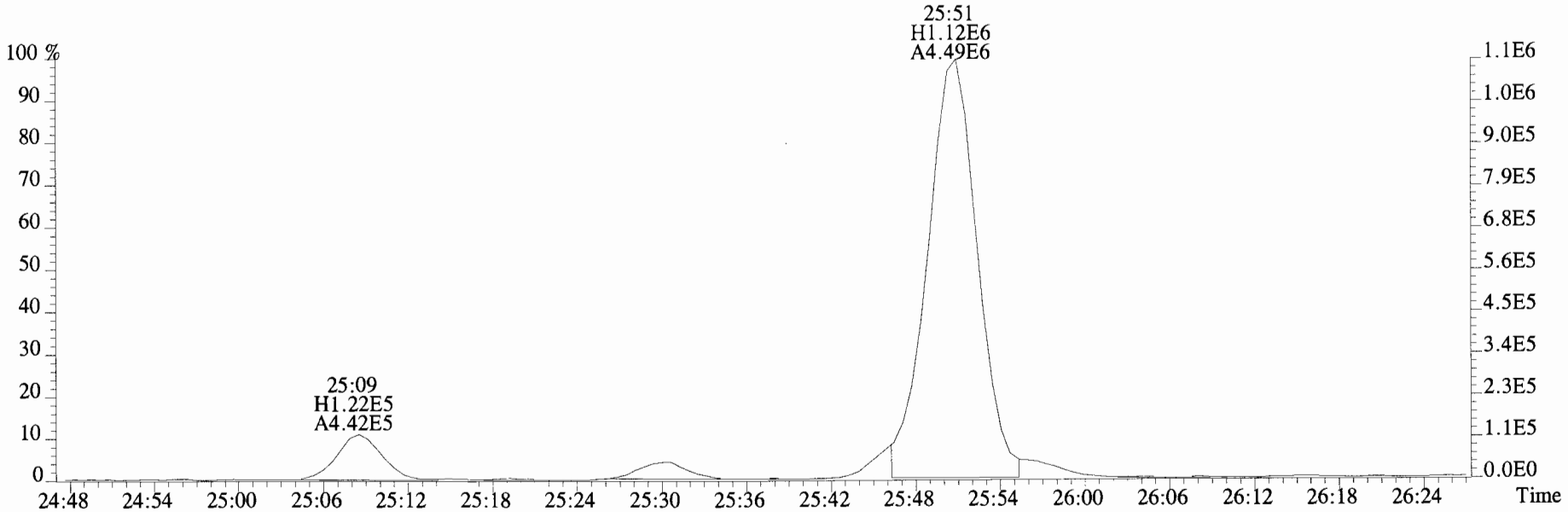
File:180118E2 #1-757 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5120.0,0.00%,F,F)



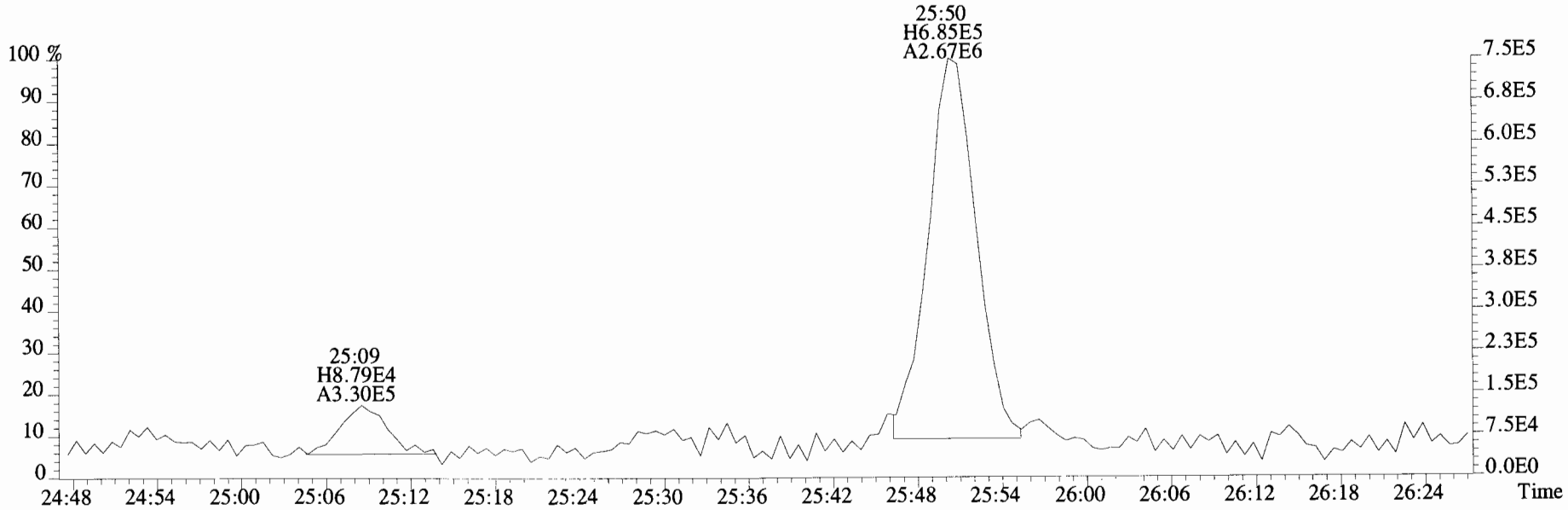
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81336.0,0.00%,F,F)



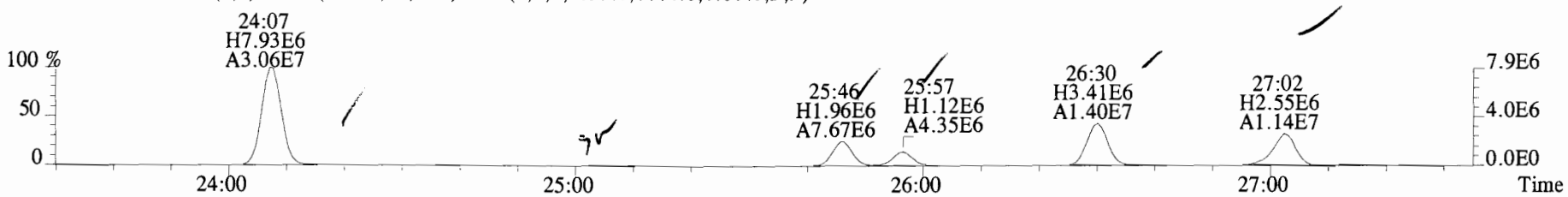
File:180118E2 #1-757 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5120.0,0.00%,F,F)



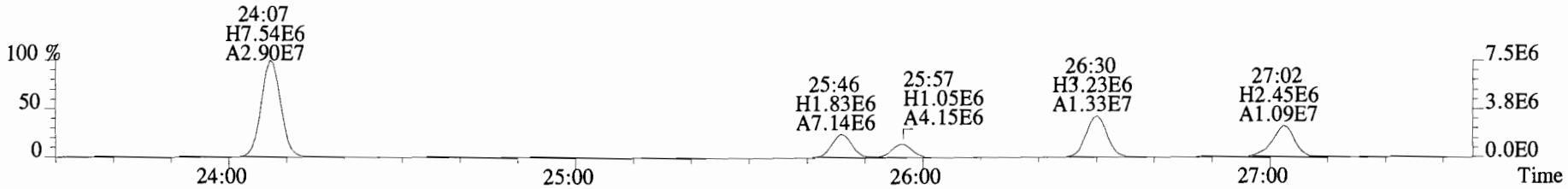
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81336.0,0.00%,F,F)



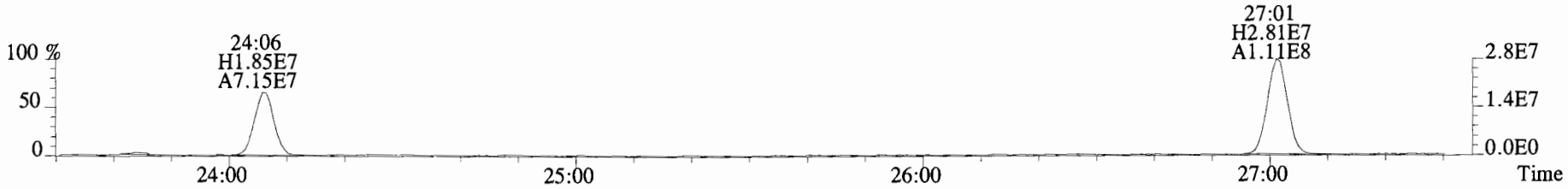
File:180118E2 #1-757 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6664.0,0.00%,F,F)



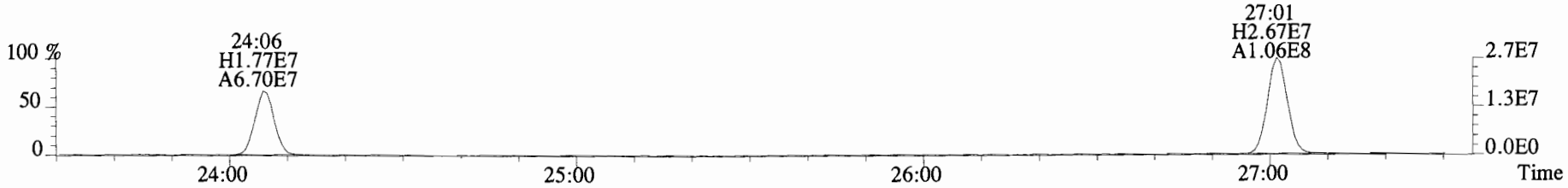
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4284.0,0.00%,F,F)



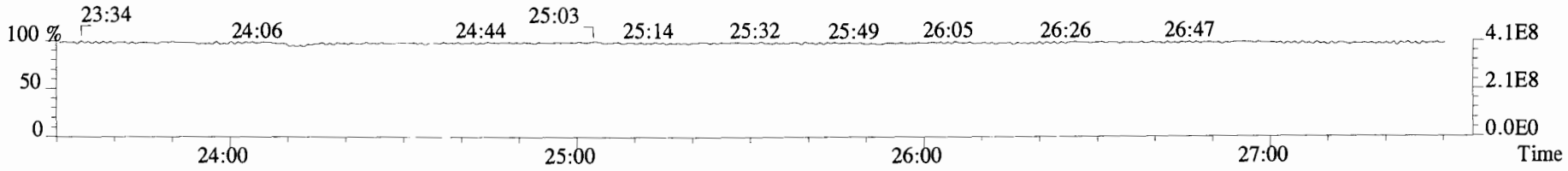
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,311100.0,0.00%,F,F)



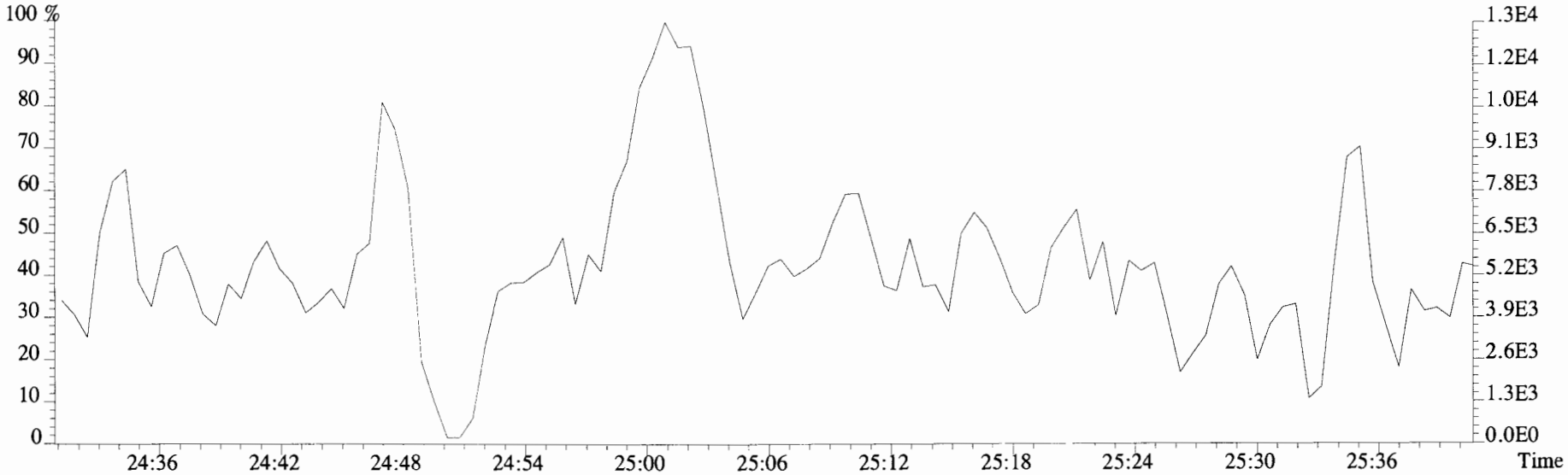
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,157856.0,0.00%,F,F)



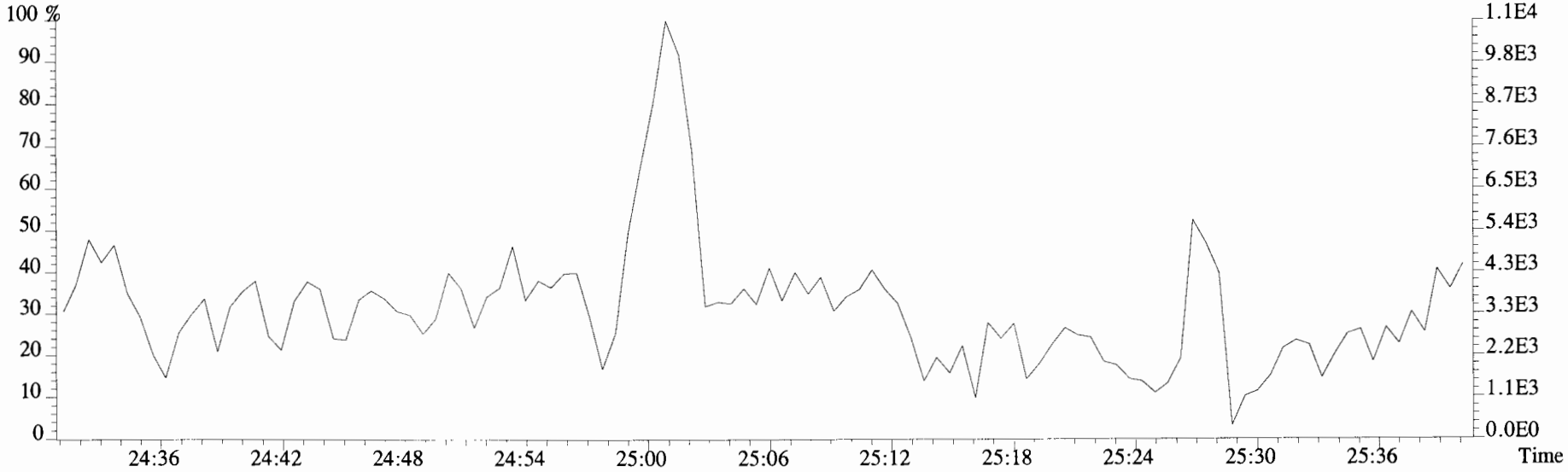
230.9856 S:6 F:2



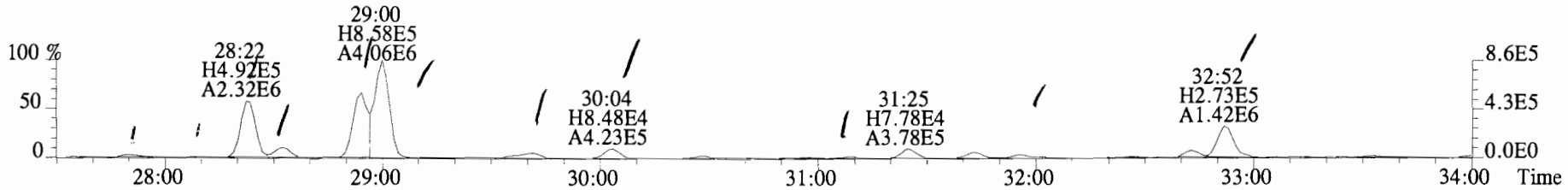
File:180118E2 #1-757 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6664.0,0.00%,F,F)



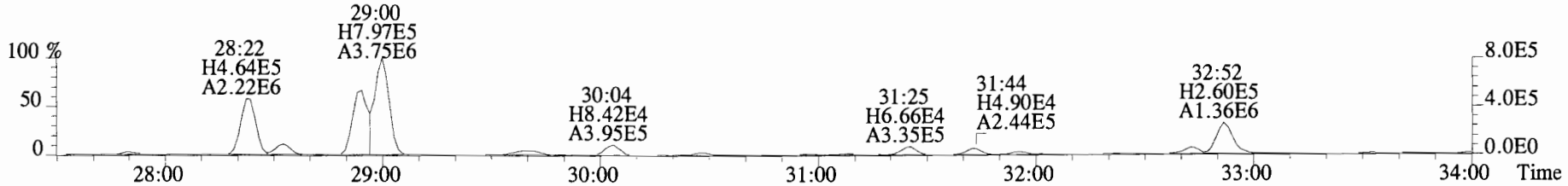
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4284.0,0.00%,F,F)



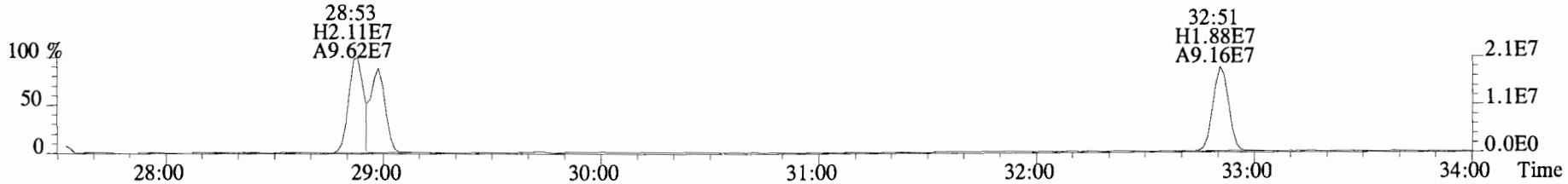
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



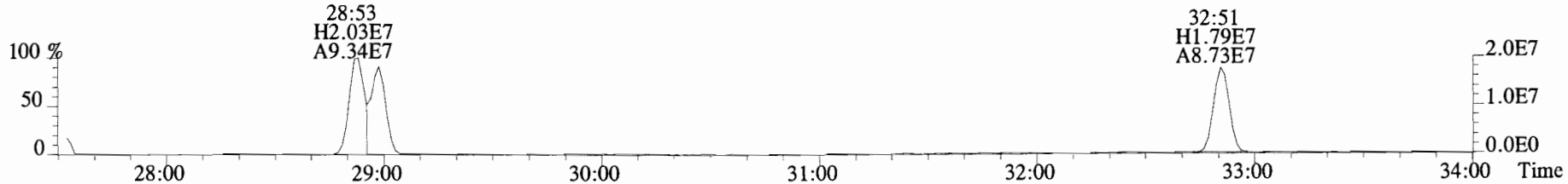
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



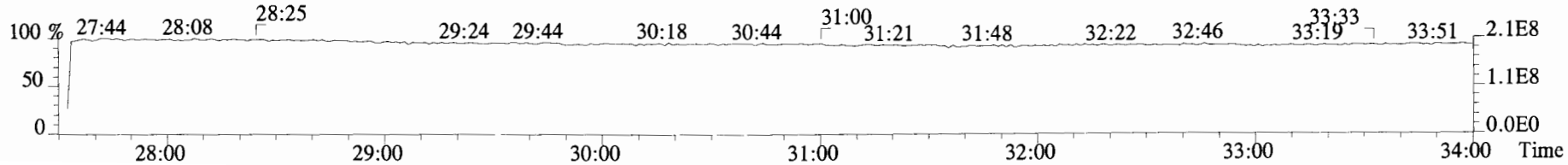
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,214768.0,0.00%,F,F)



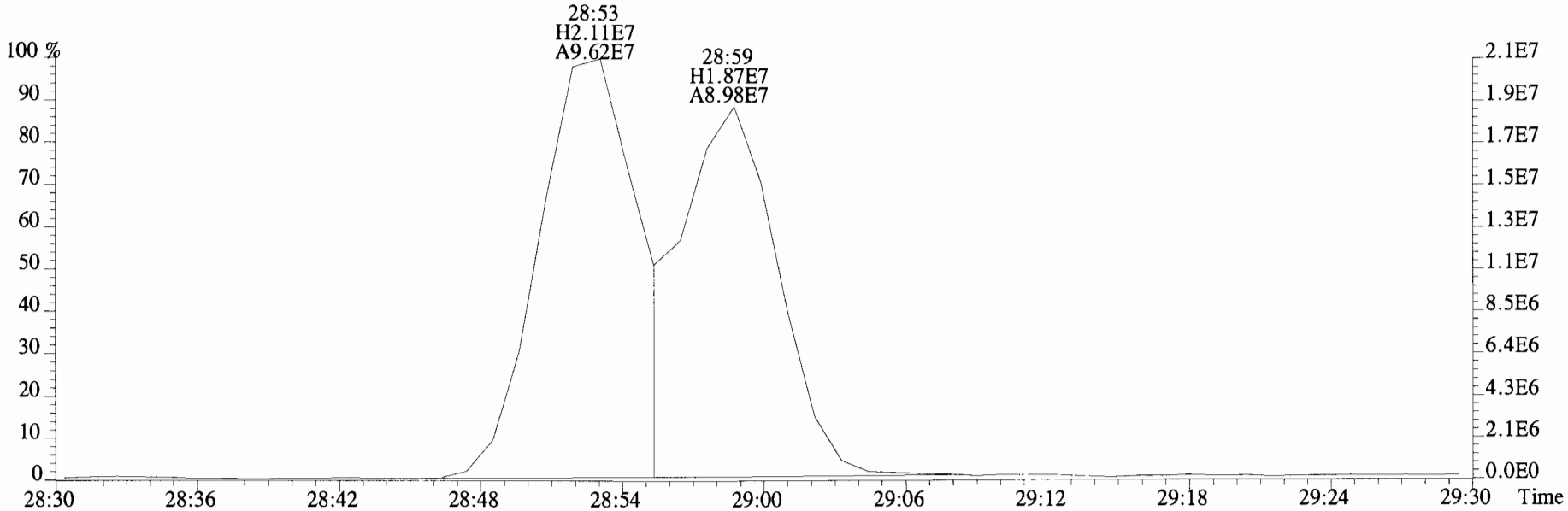
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73520.0,0.00%,F,F)



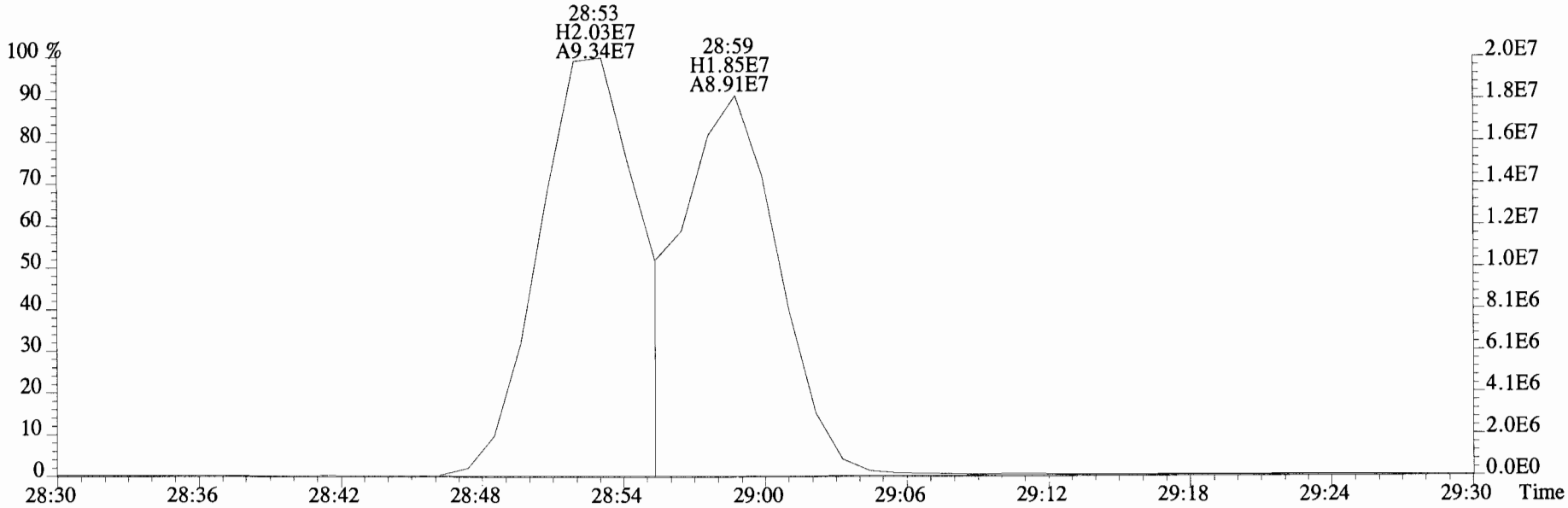
330.9792 S:6 F:3



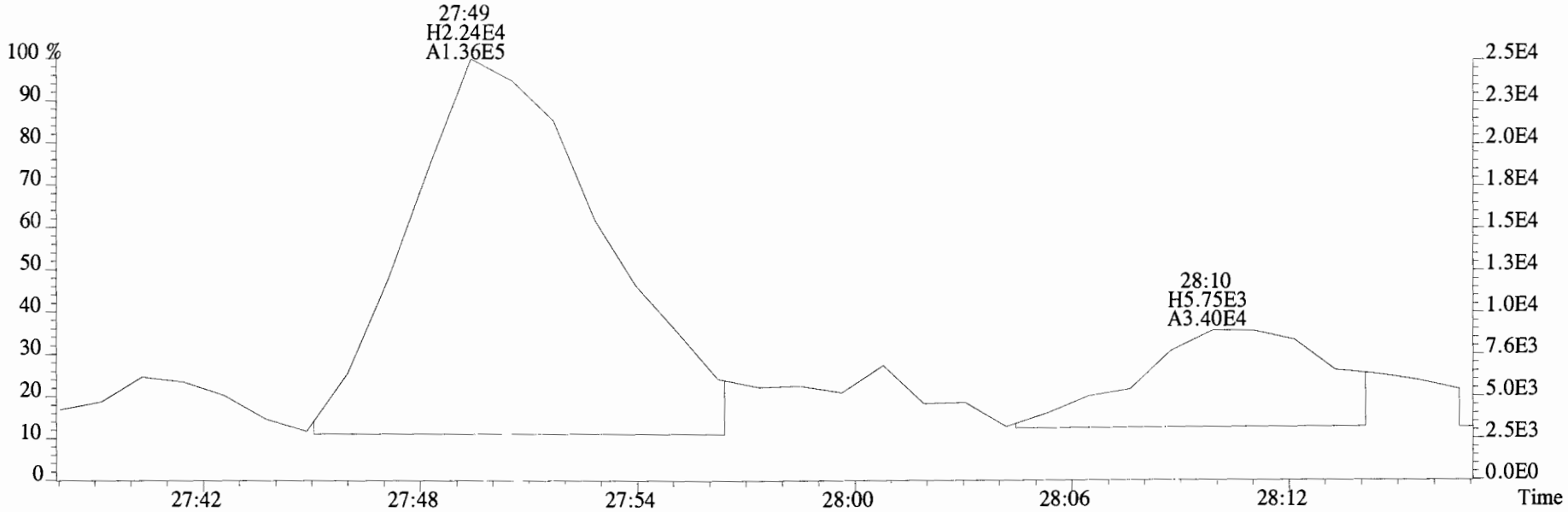
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,214768.0,0.00%,F,F)



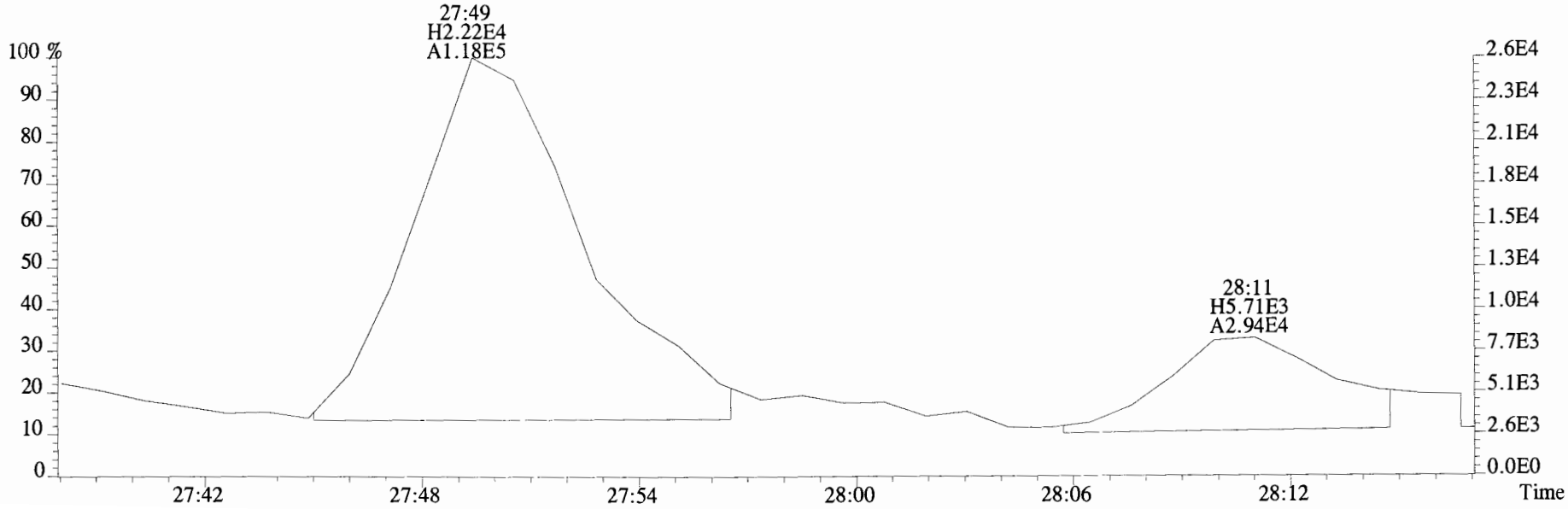
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73520.0,0.00%,F,F)



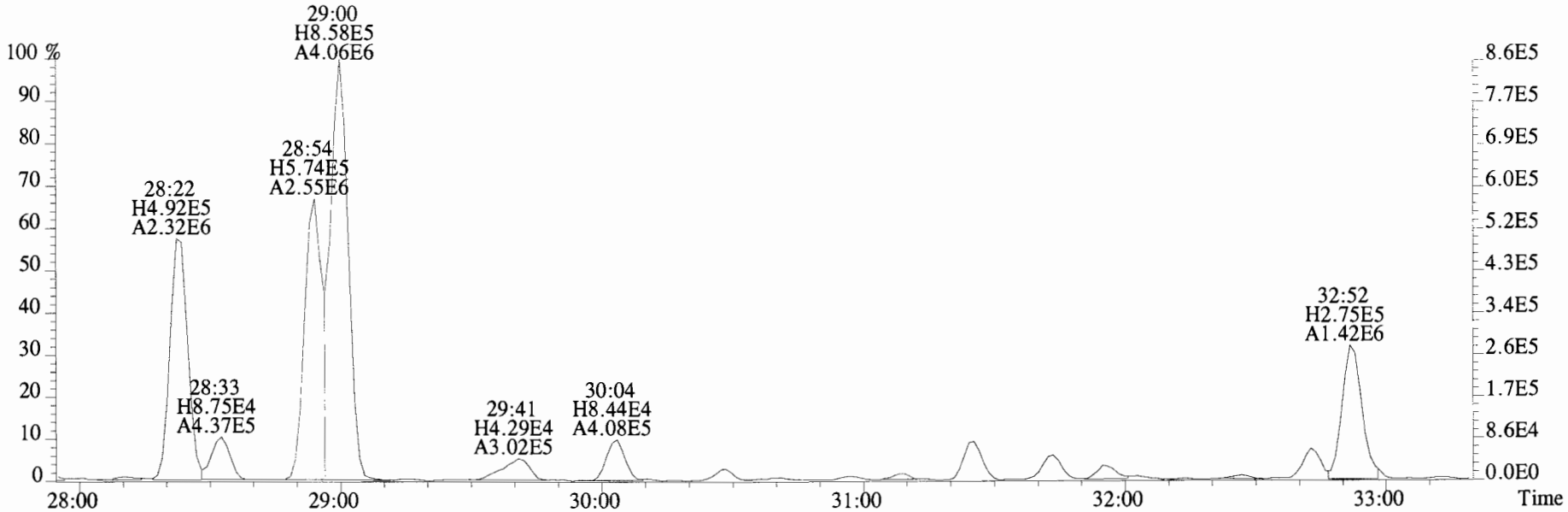
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



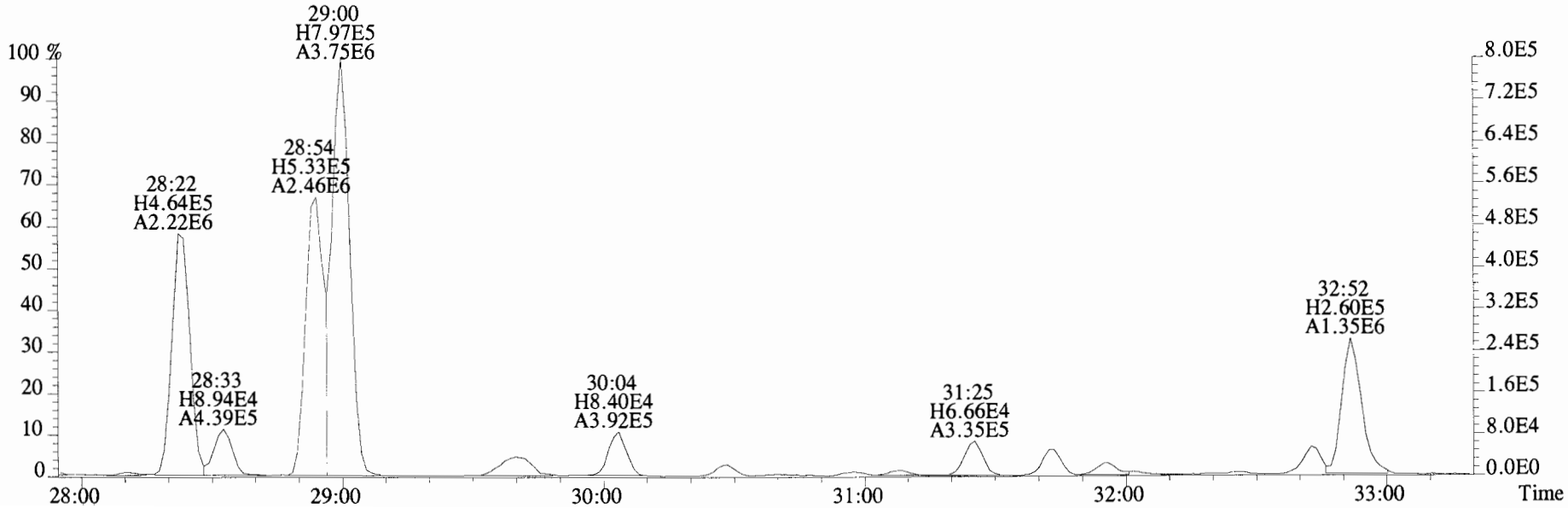
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



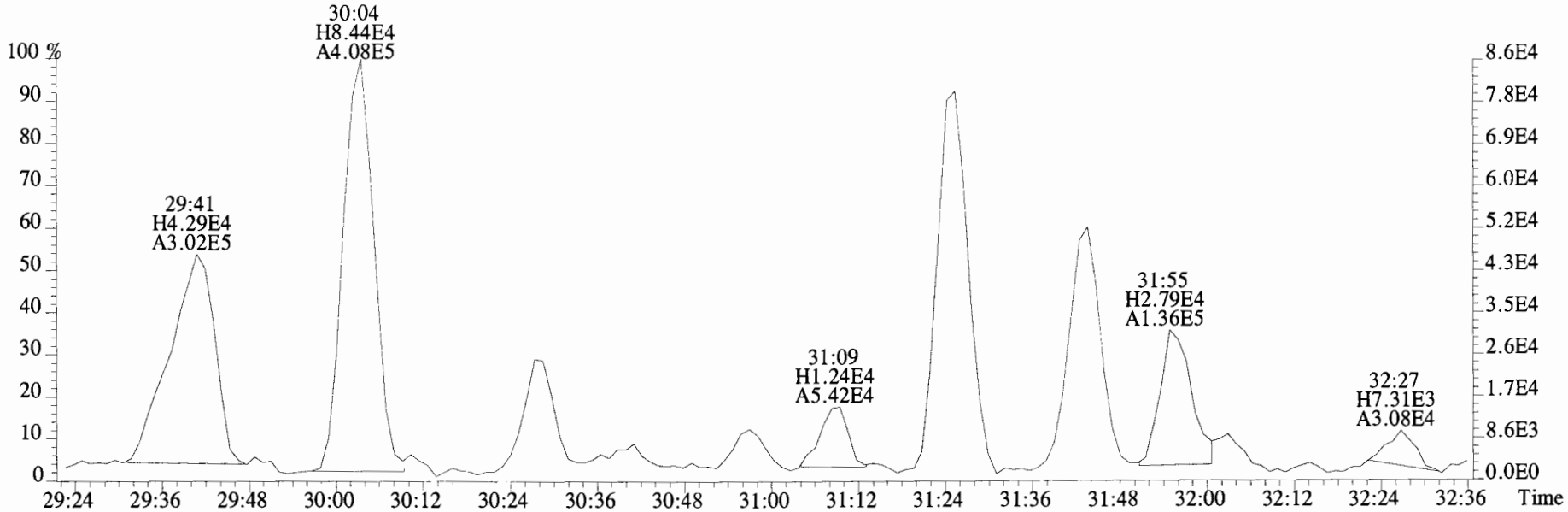
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



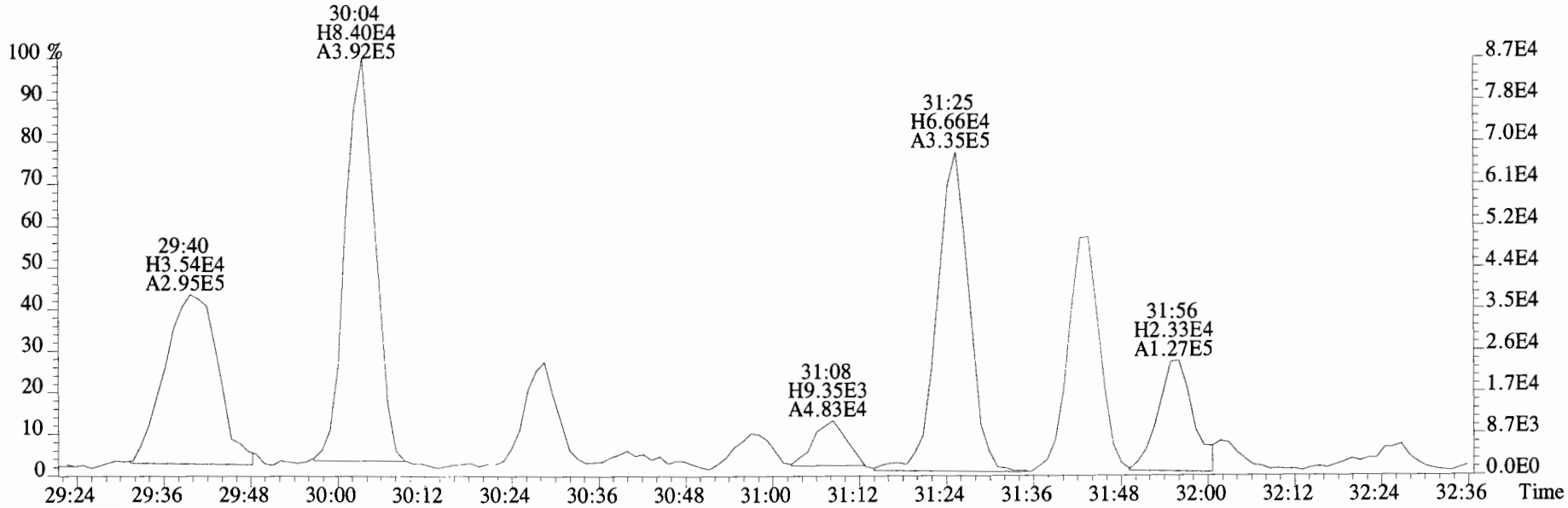
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



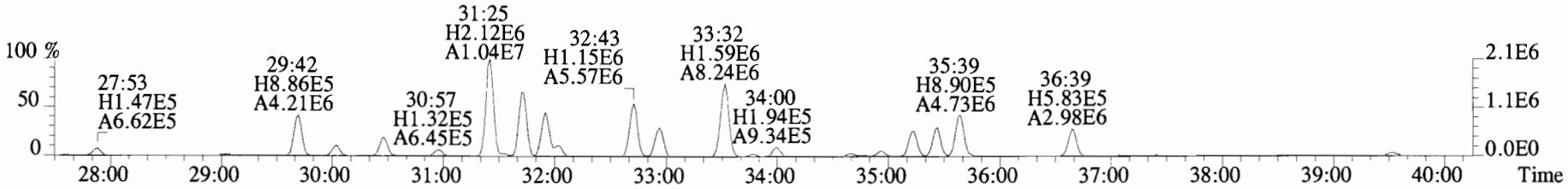
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4388.0,0.00%,F,F)



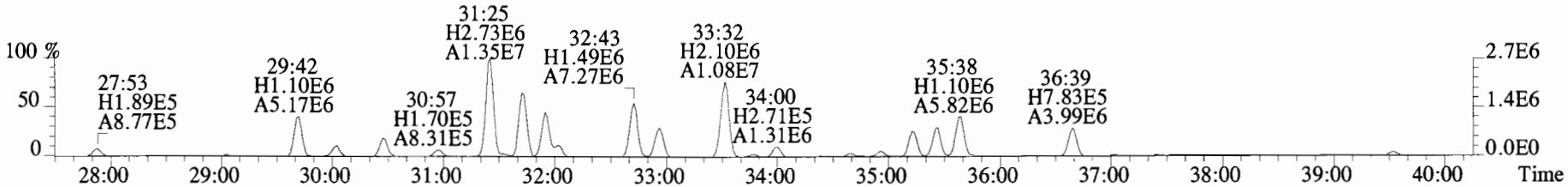
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3020.0,0.00%,F,F)



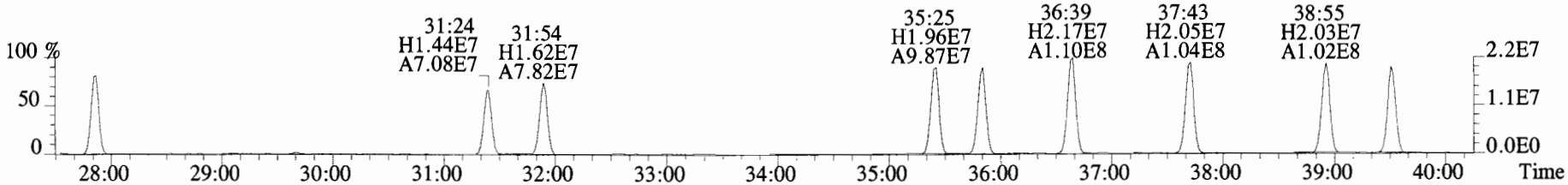
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



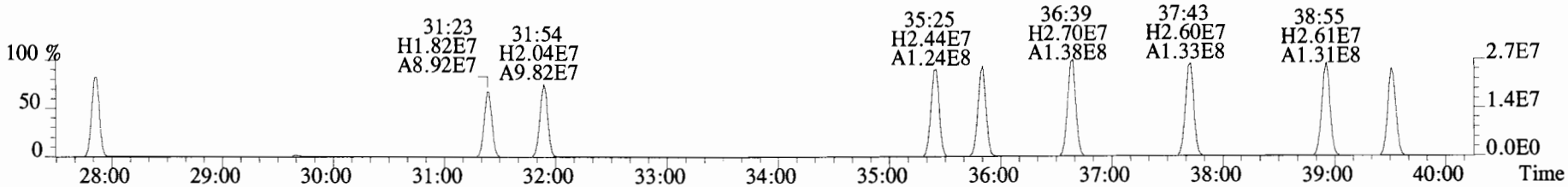
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



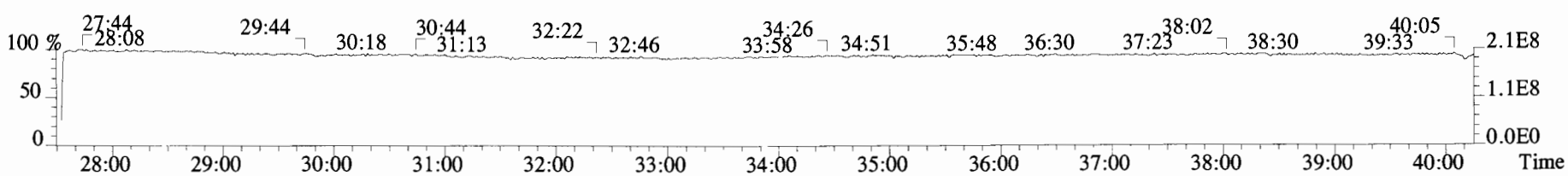
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74384.0,0.00%,F,F)



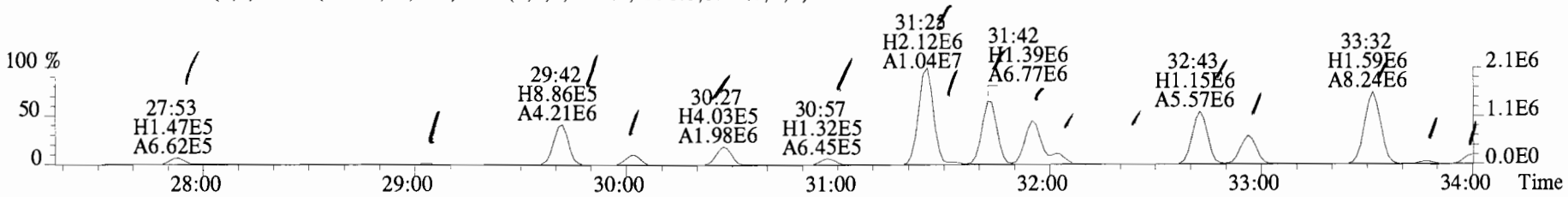
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34412.0,0.00%,F,F)



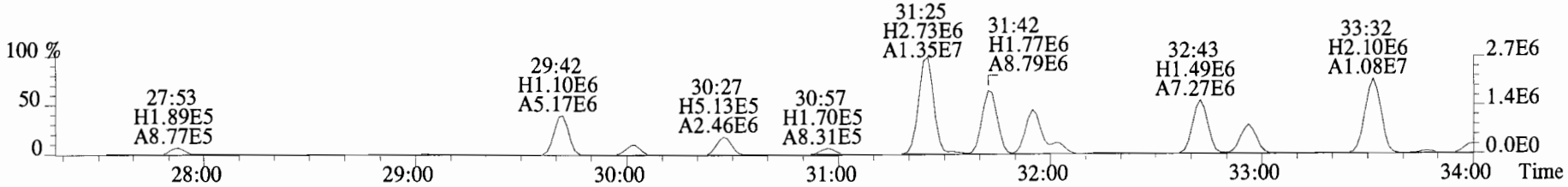
330.9792 S:6 F:3



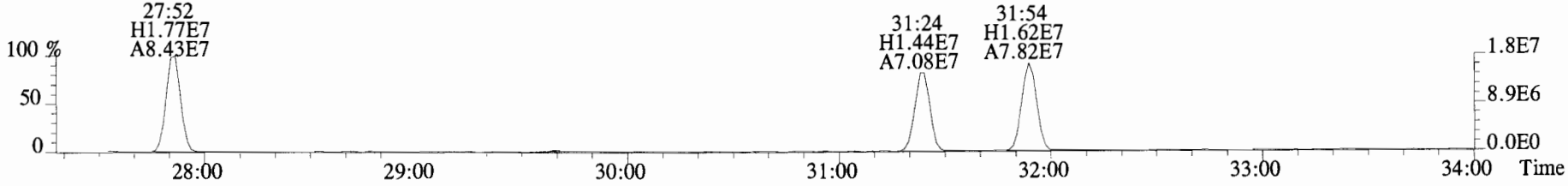
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



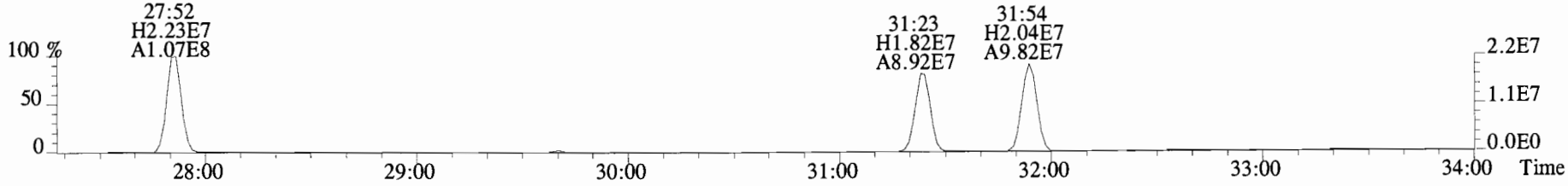
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



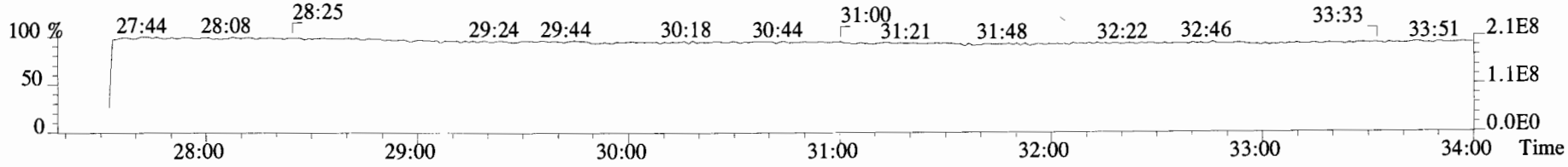
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74384.0,0.00%,F,F)



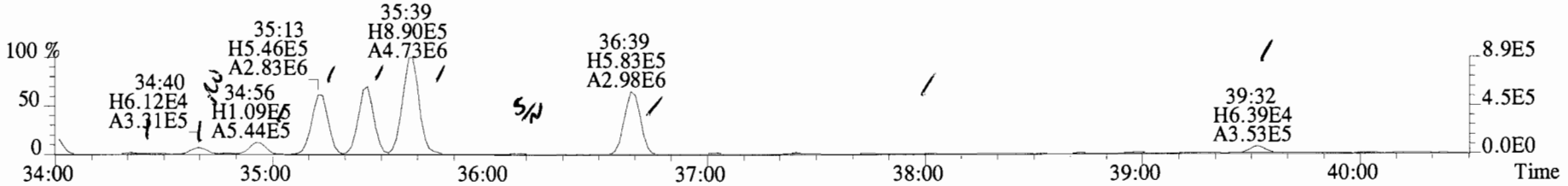
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34412.0,0.00%,F,F)



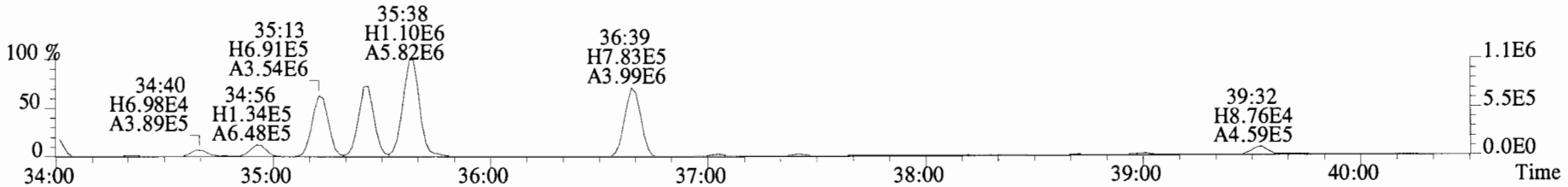
330.9792 S:6 F:3



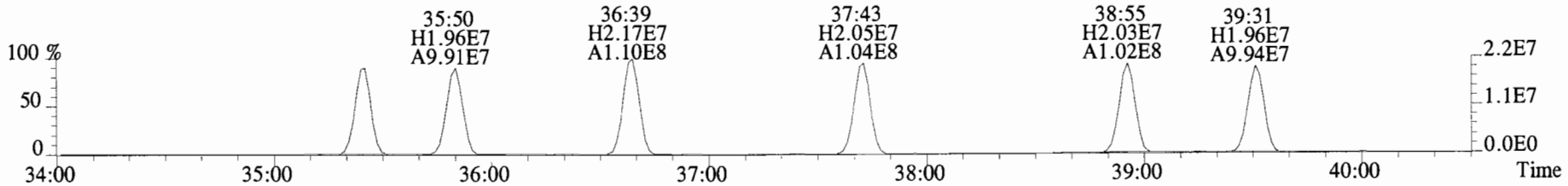
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



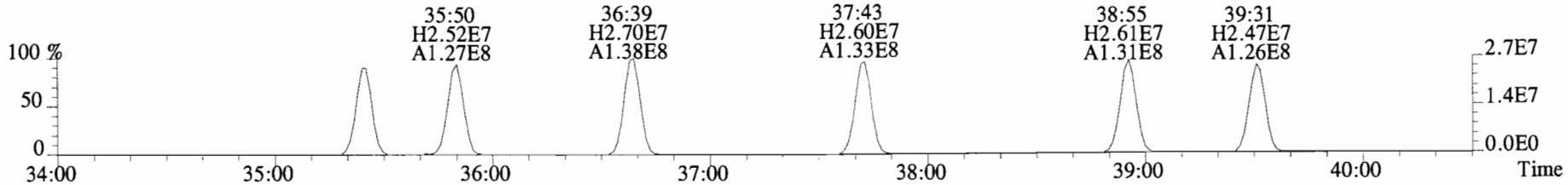
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



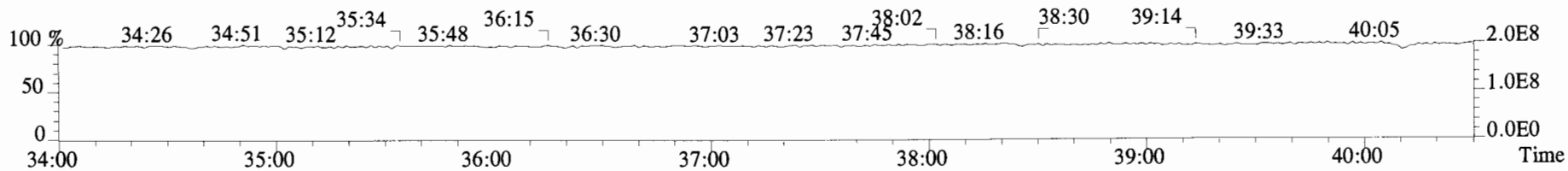
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74384.0,0.00%,F,F)



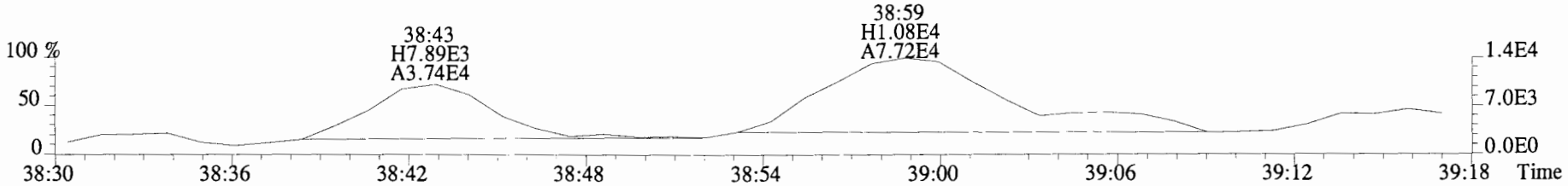
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34412.0,0.00%,F,F)



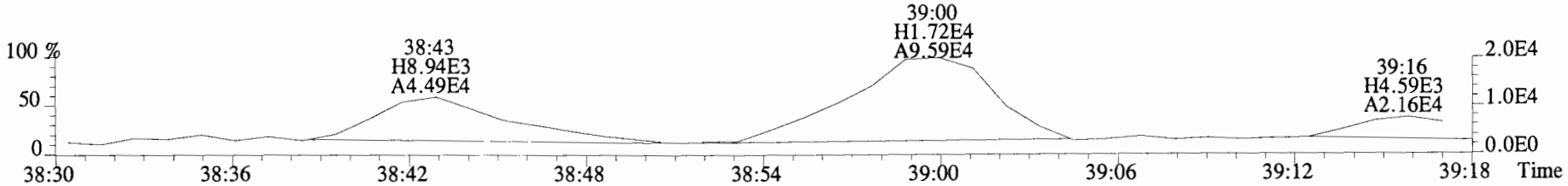
330.9792 S:6 F:3



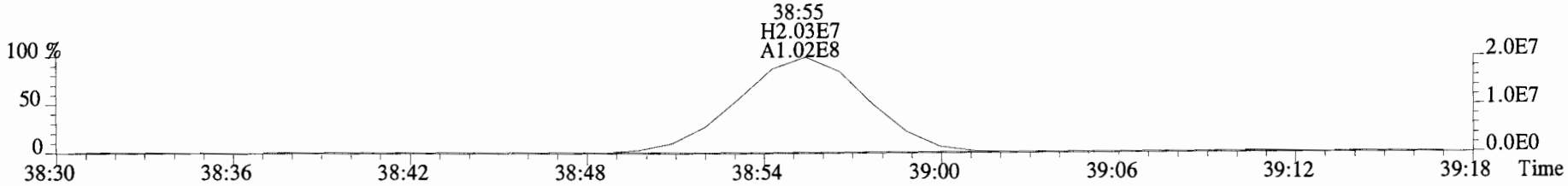
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



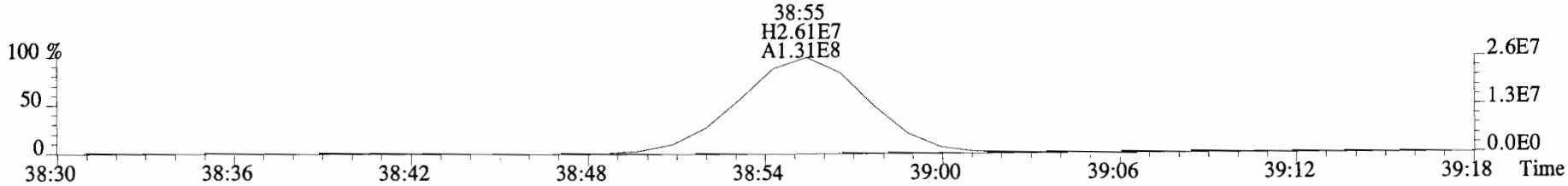
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



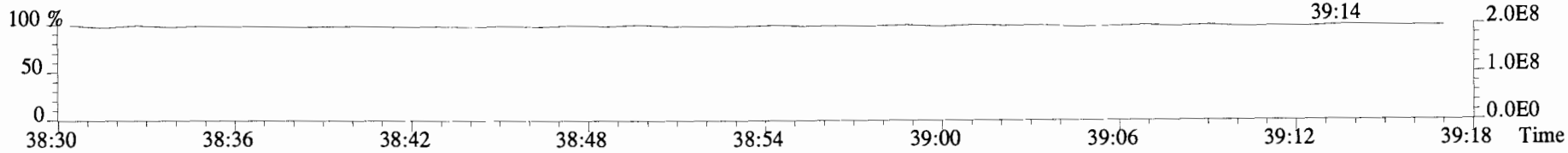
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74384.0,0.00%,F,F)



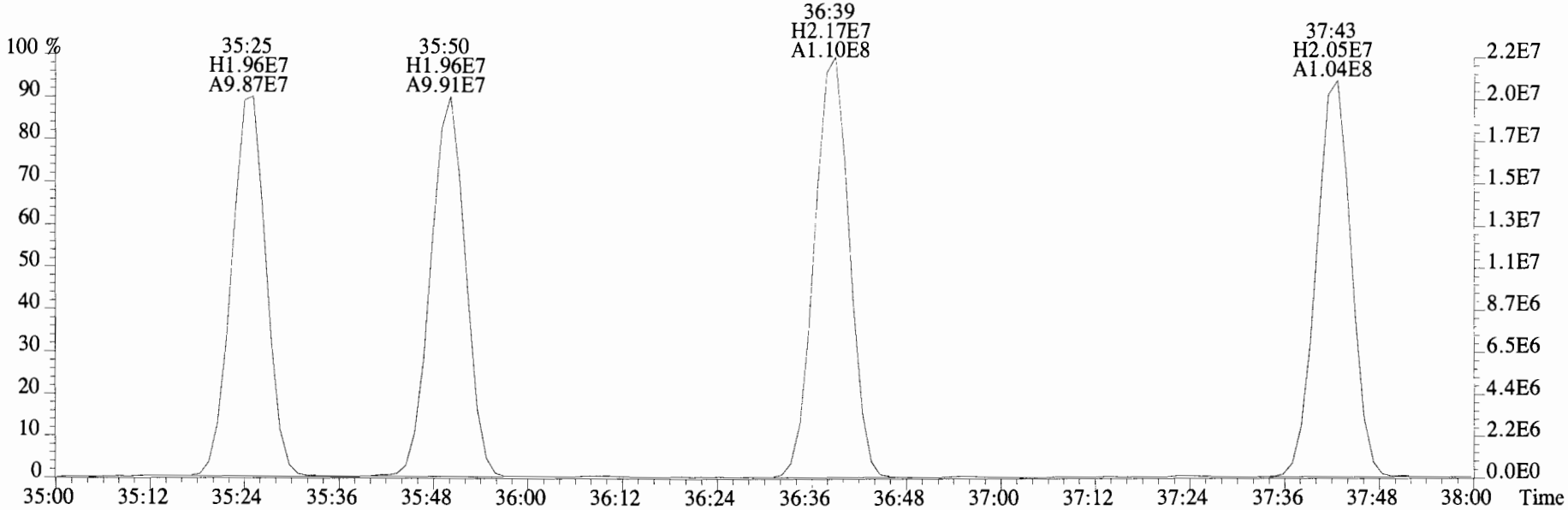
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34412.0,0.00%,F,F)



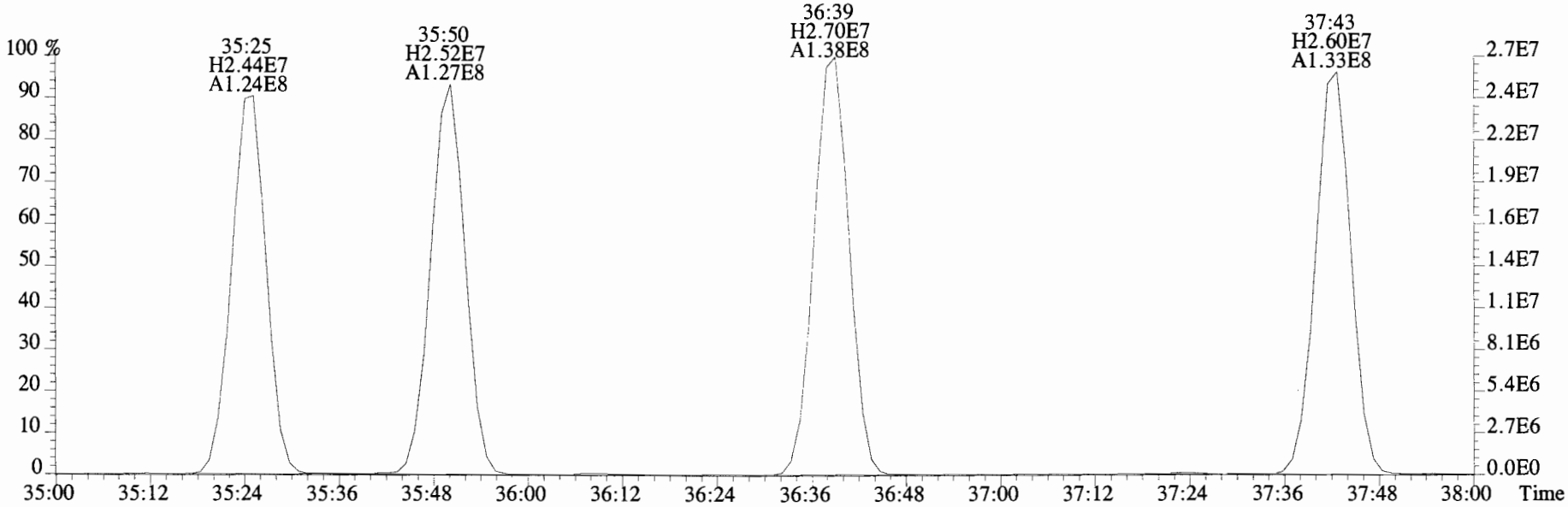
330.9792 S:6 F:3



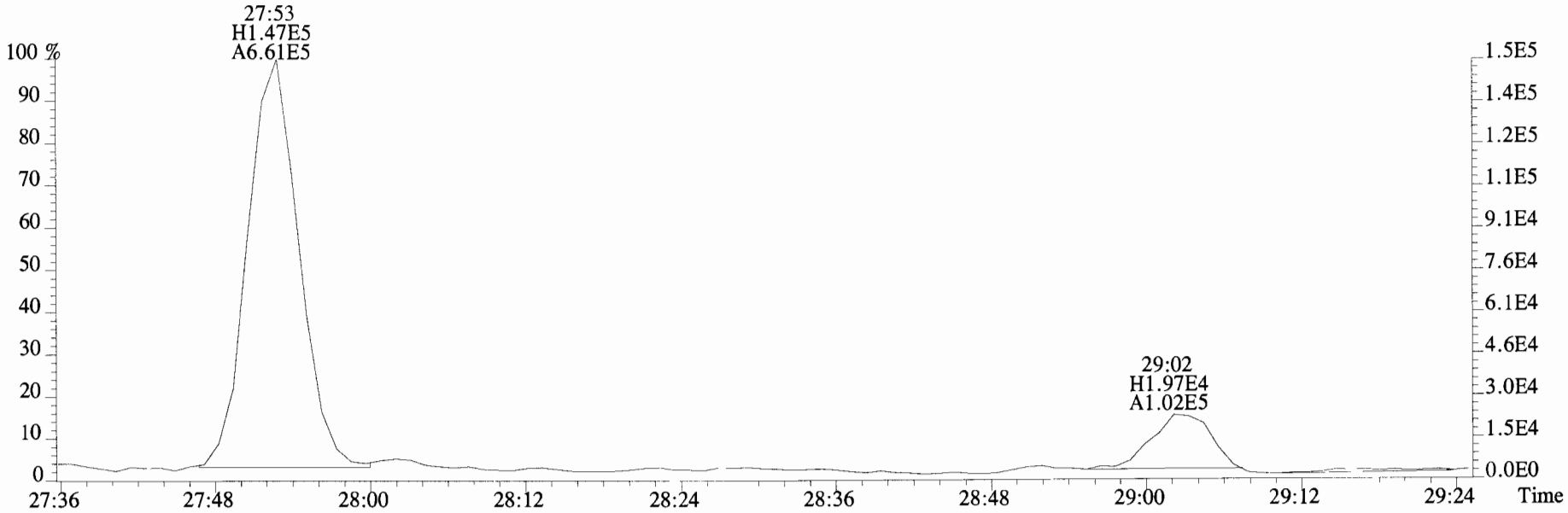
File:180118E2 #I-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74384.0,0.00%,F,F)



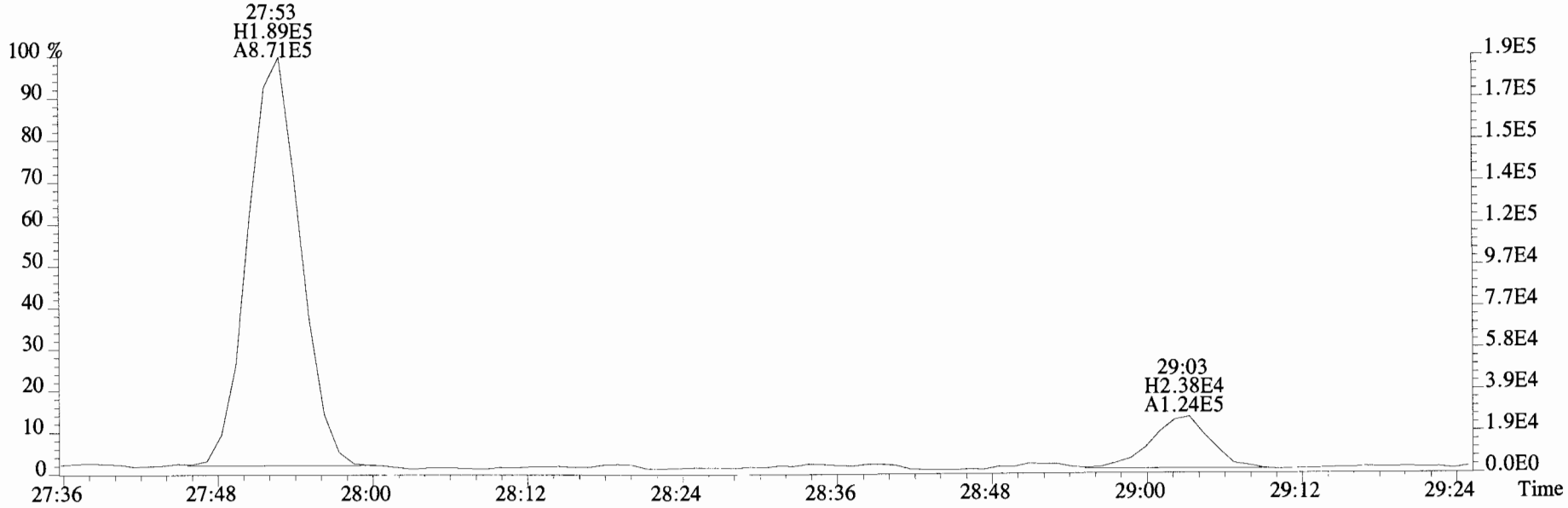
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34412.0,0.00%,F,F)



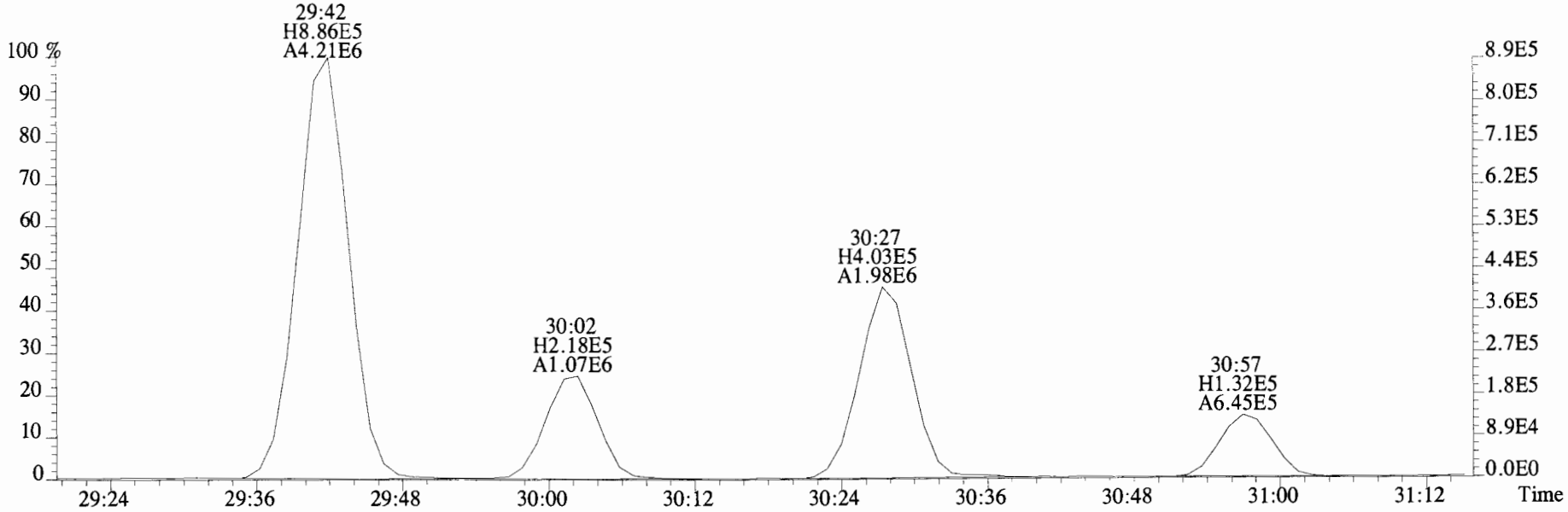
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



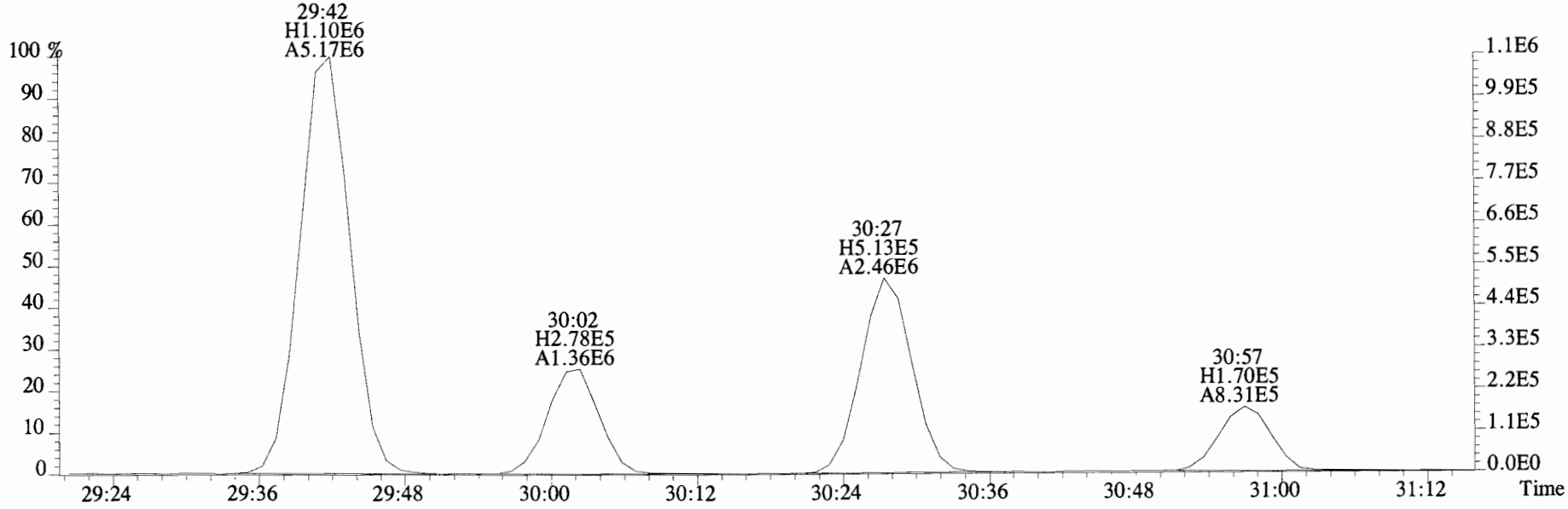
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



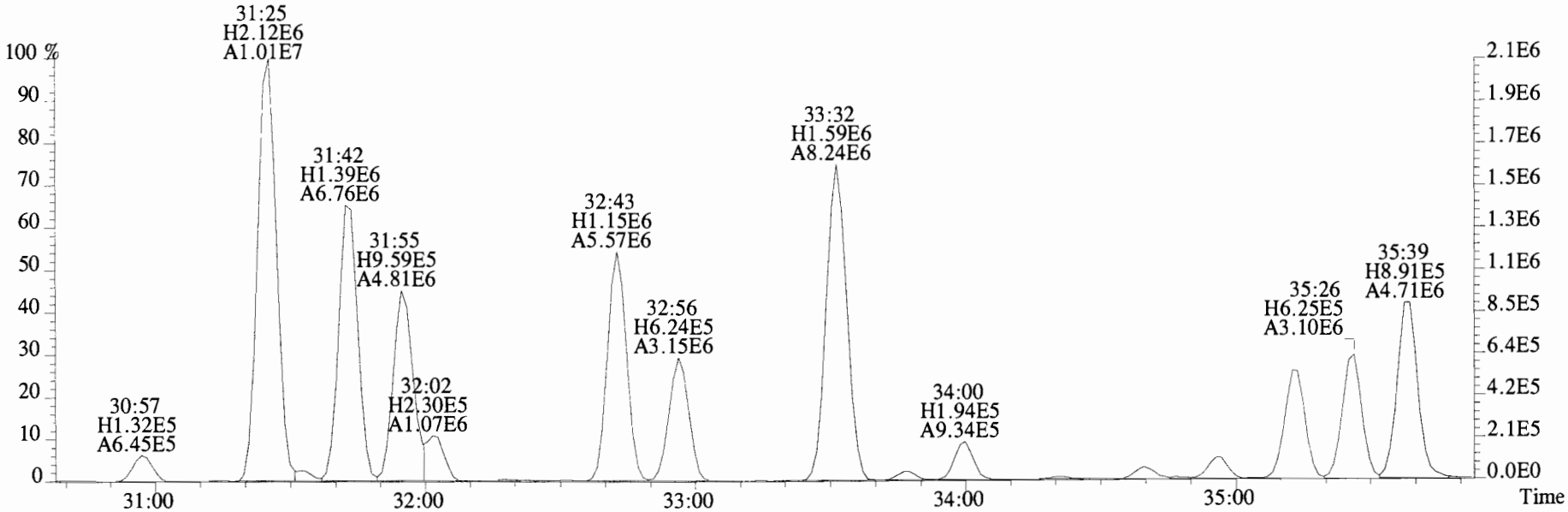
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



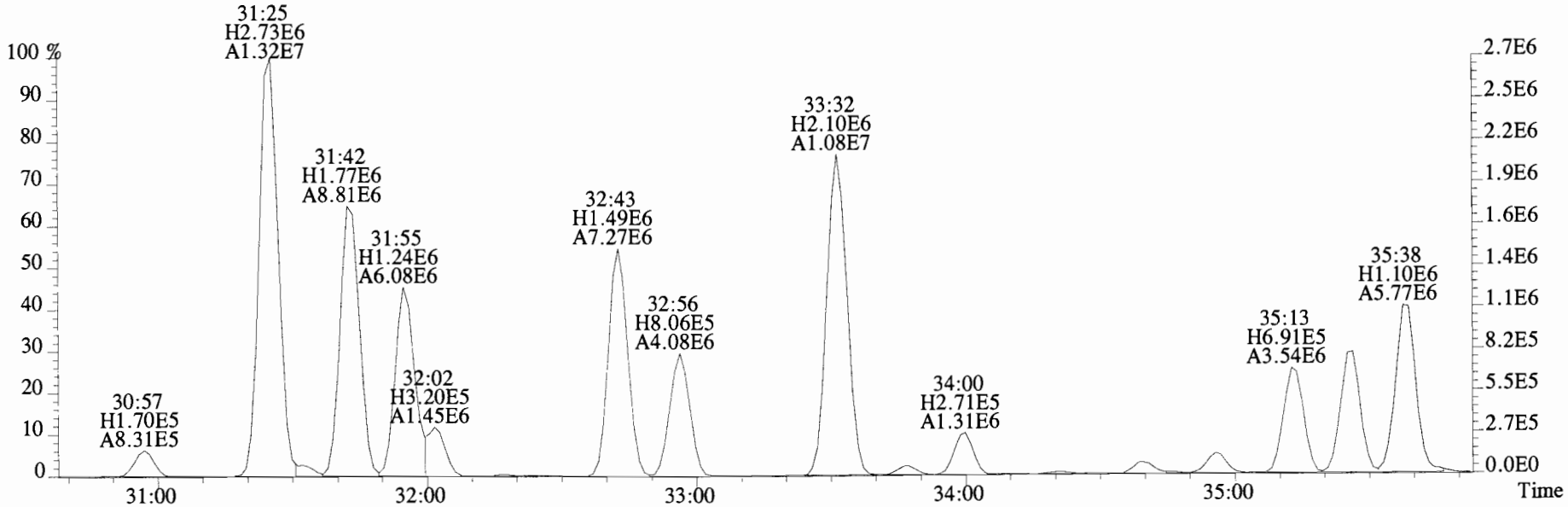
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



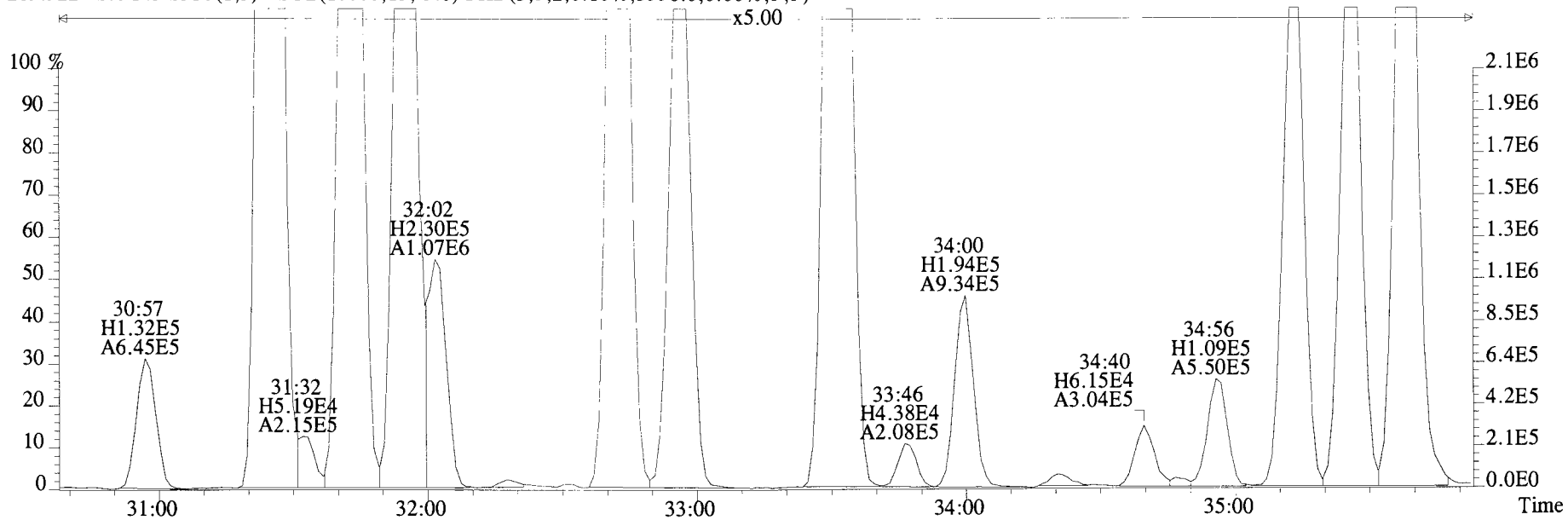
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



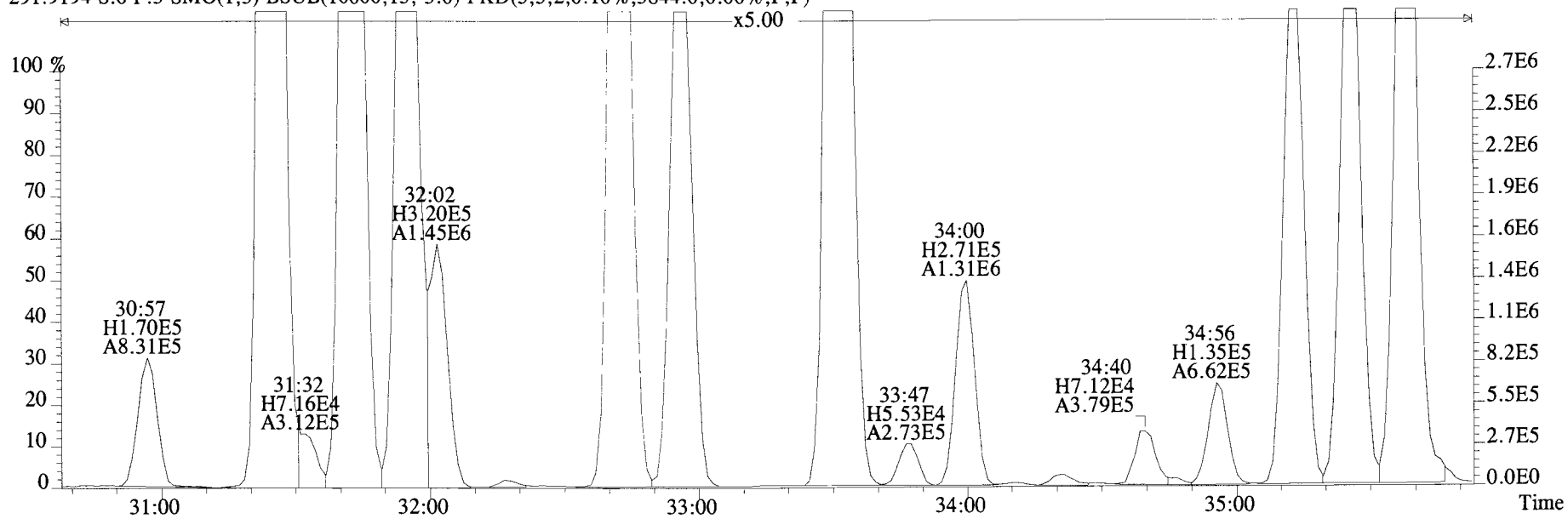
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



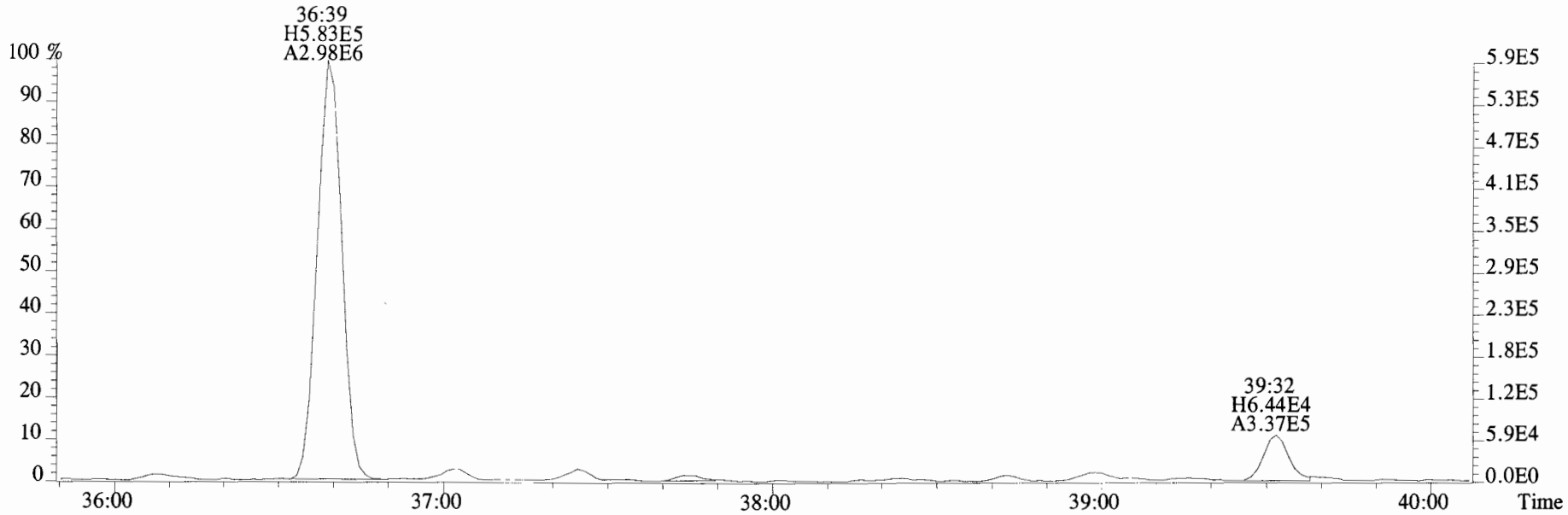
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



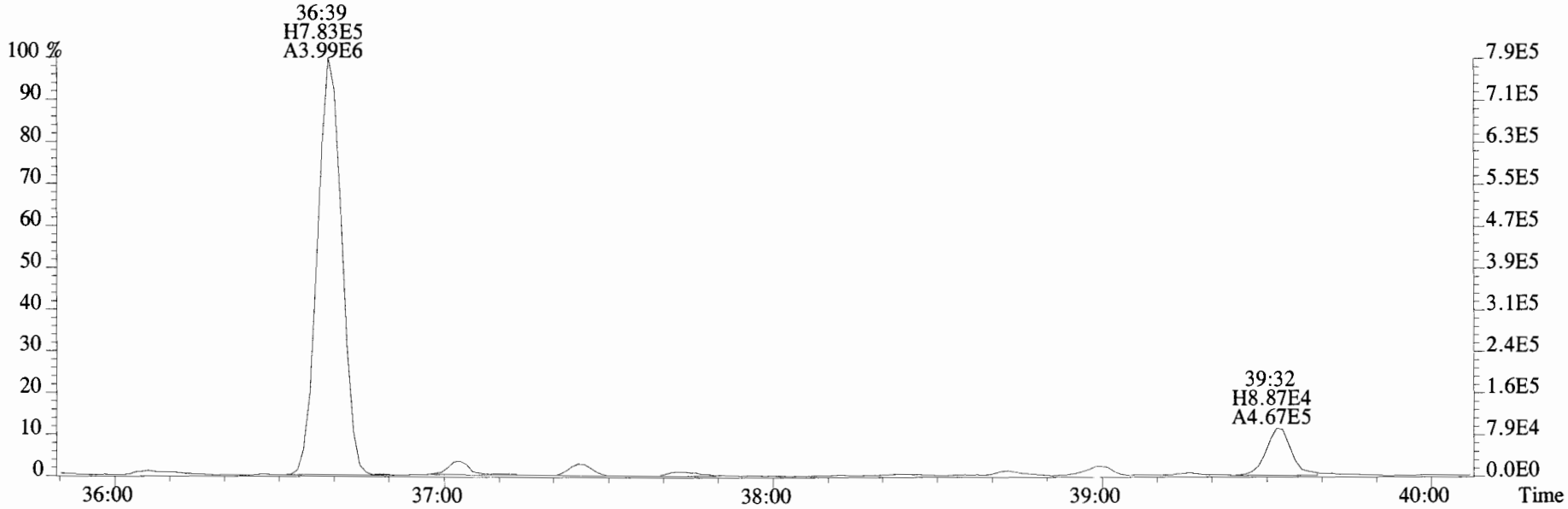
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



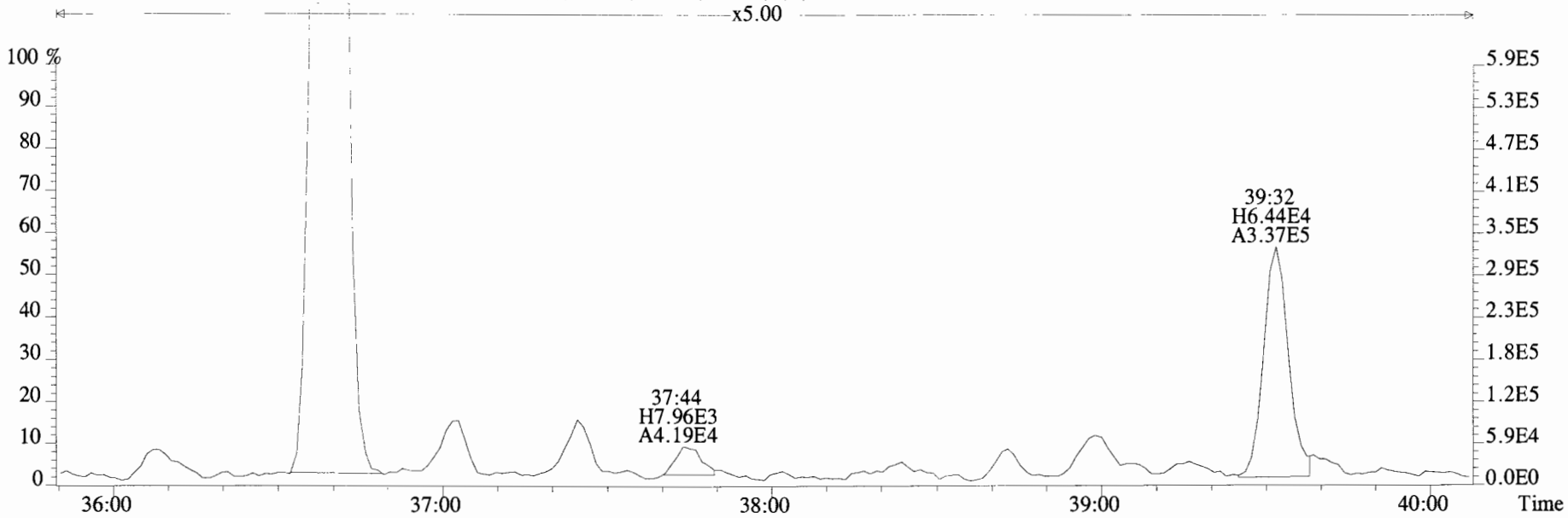
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



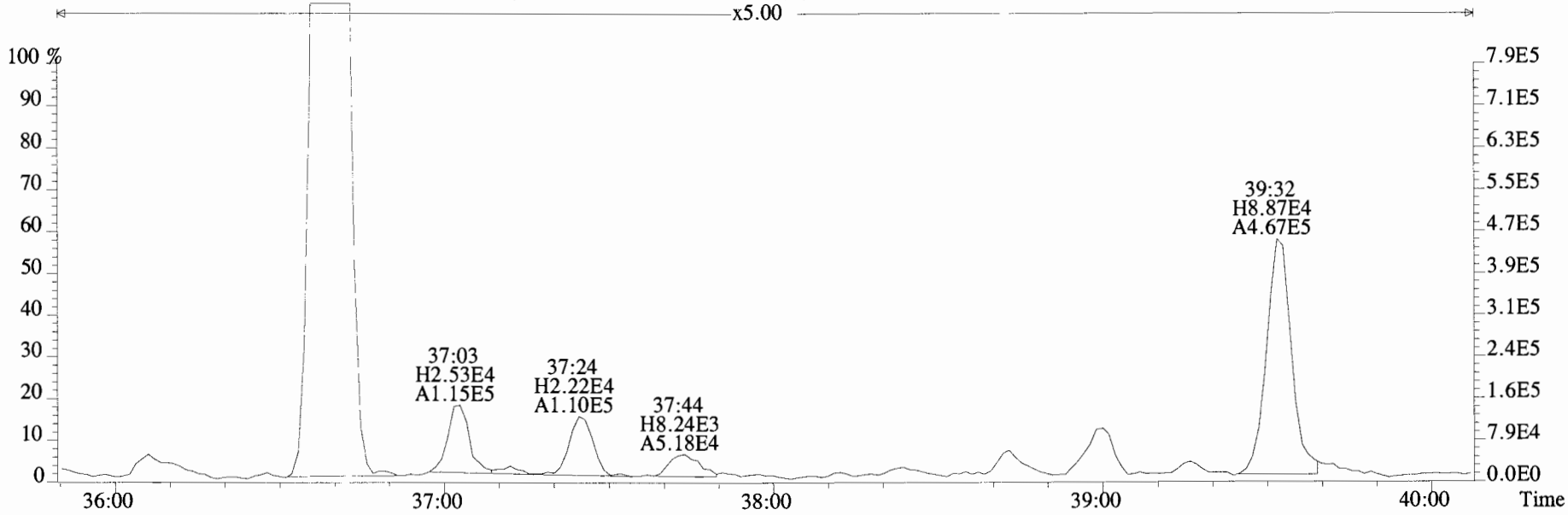
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



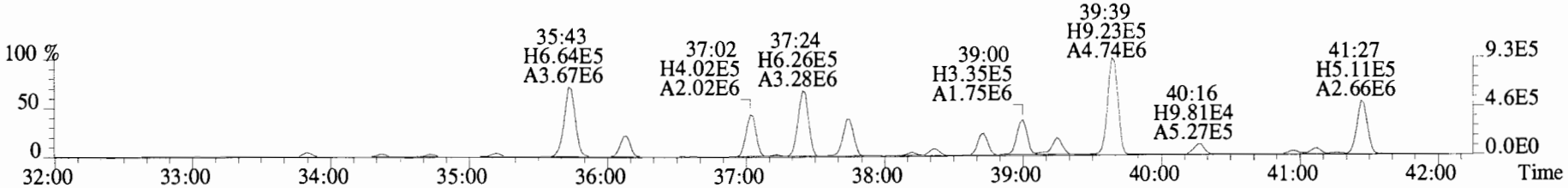
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3996.0,0.00%,F,F)



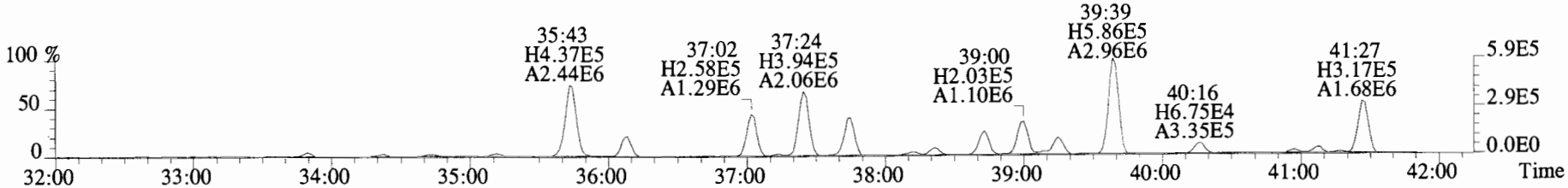
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3844.0,0.00%,F,F)



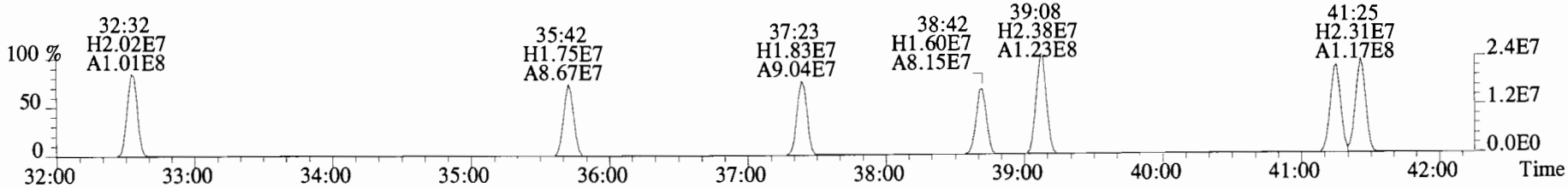
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



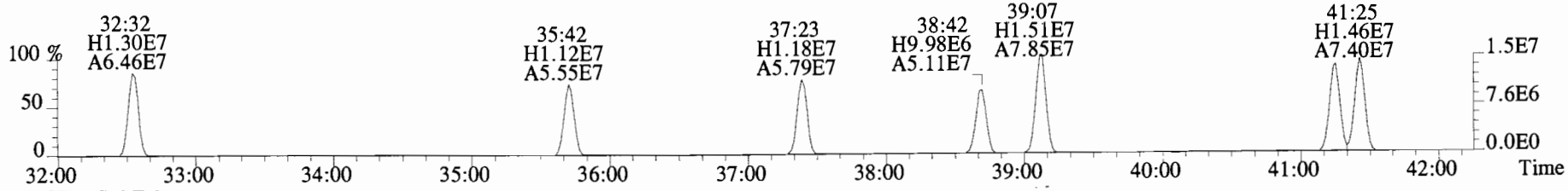
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



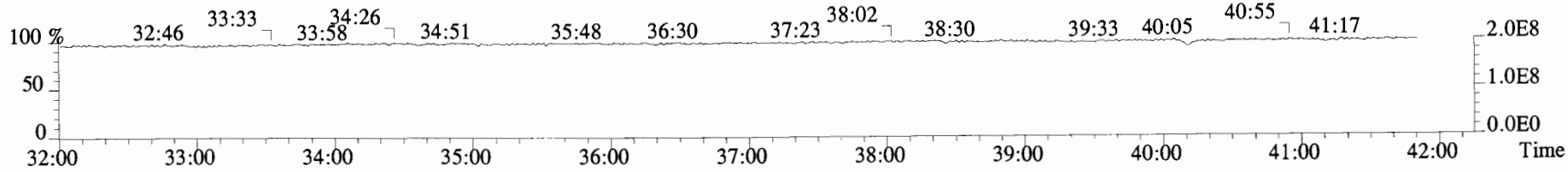
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8400.0,0.00%,F,F)



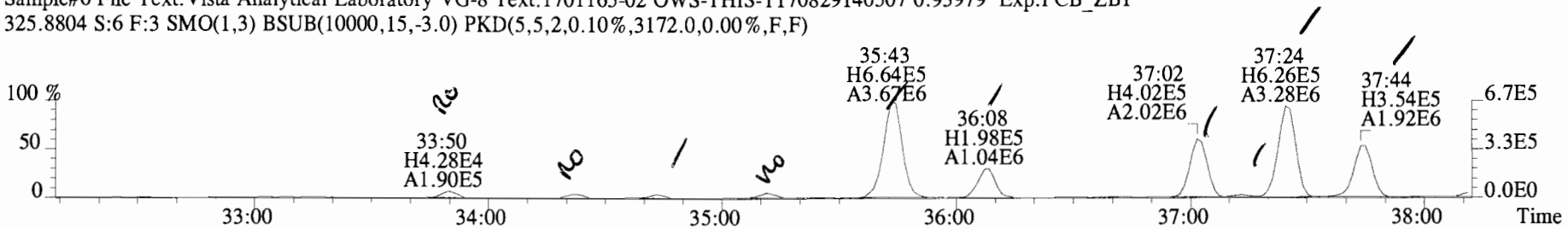
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5600.0,0.00%,F,F)



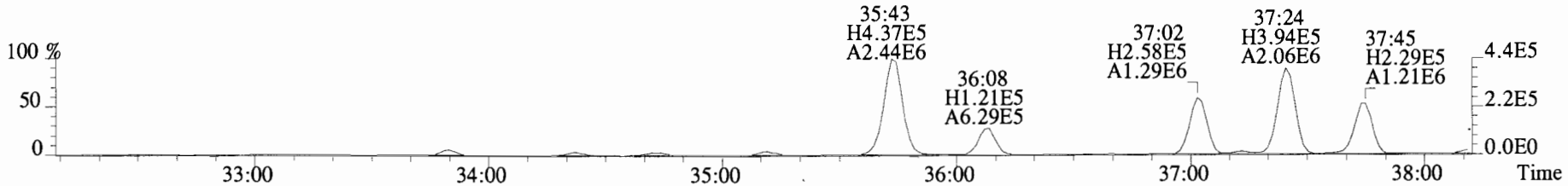
330.9792 S:6 F:3



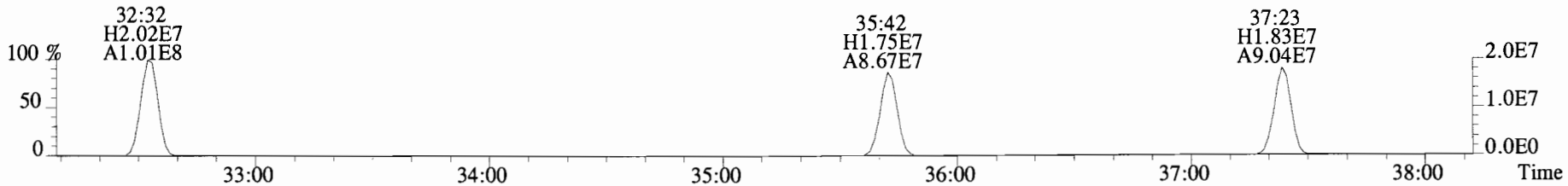
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



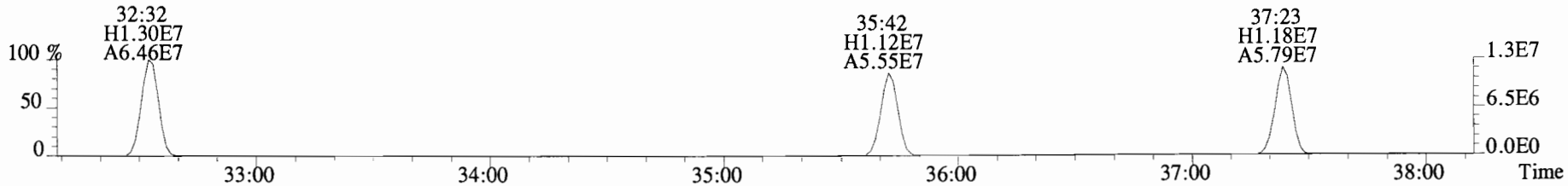
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



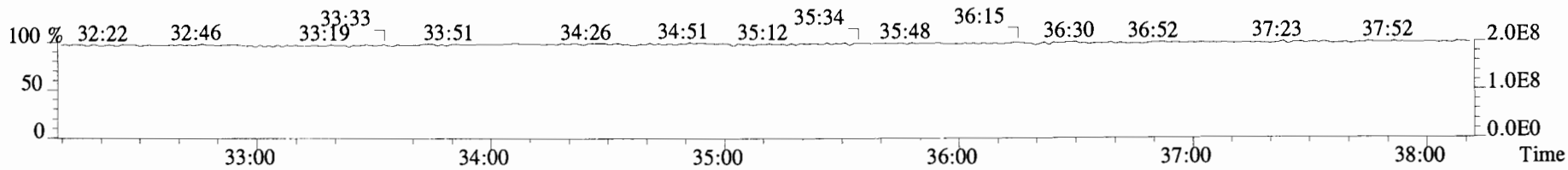
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8400.0,0.00%,F,F)



339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5600.0,0.00%,F,F)

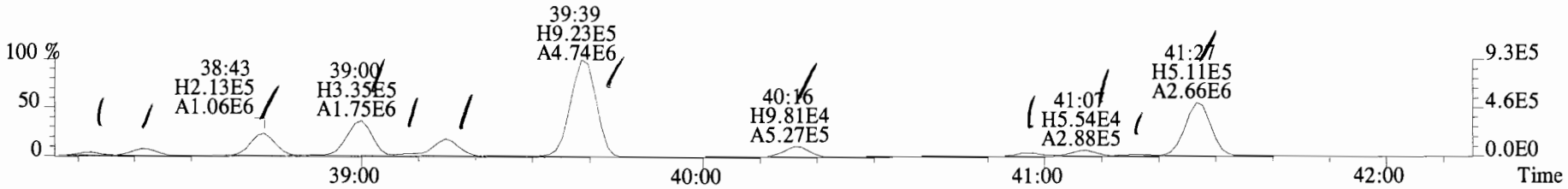


330.9792 S:6 F:3

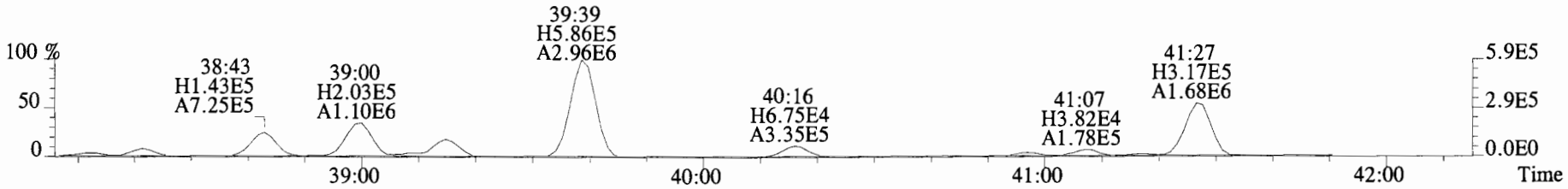


File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1

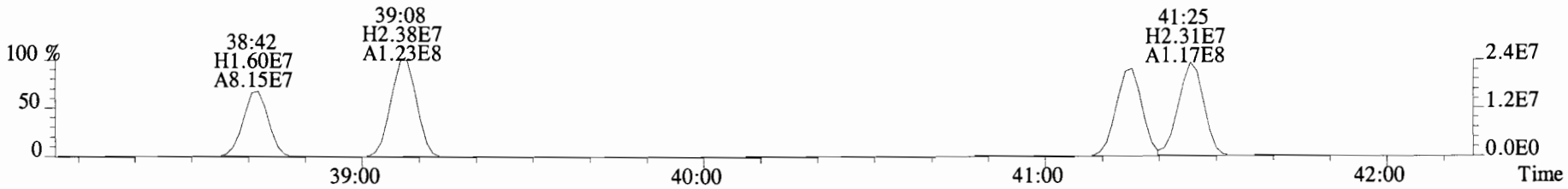
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



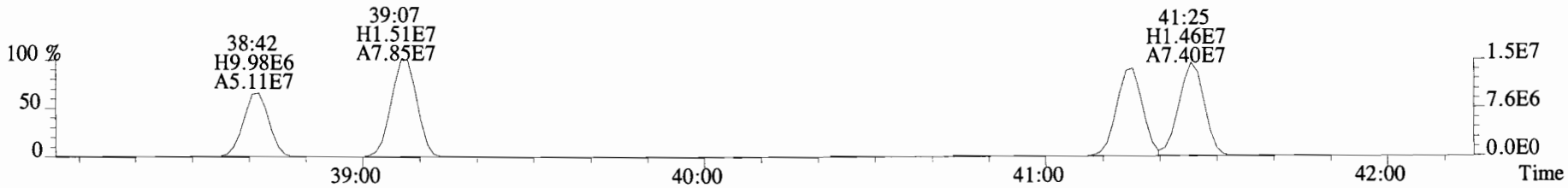
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



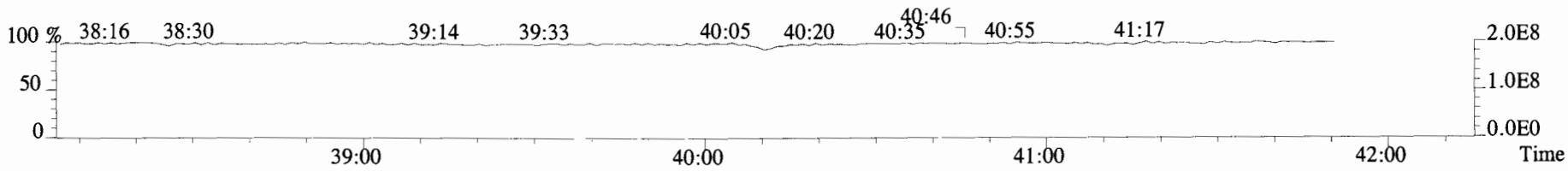
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8400.0,0.00%,F,F)



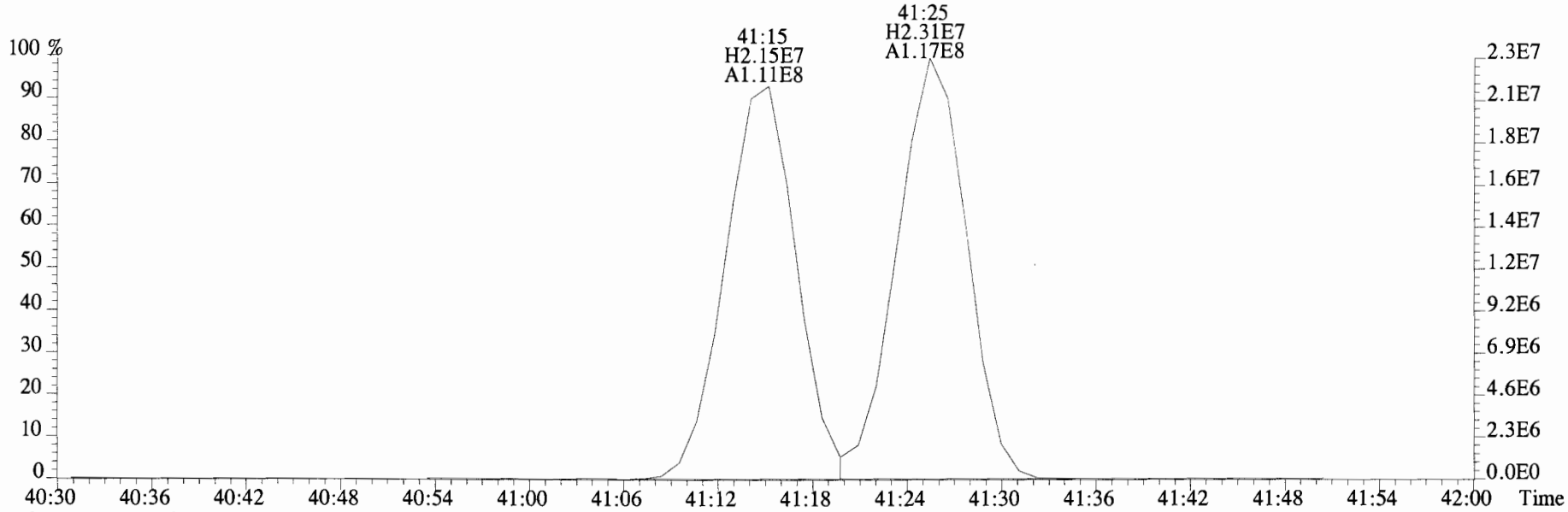
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5600.0,0.00%,F,F)



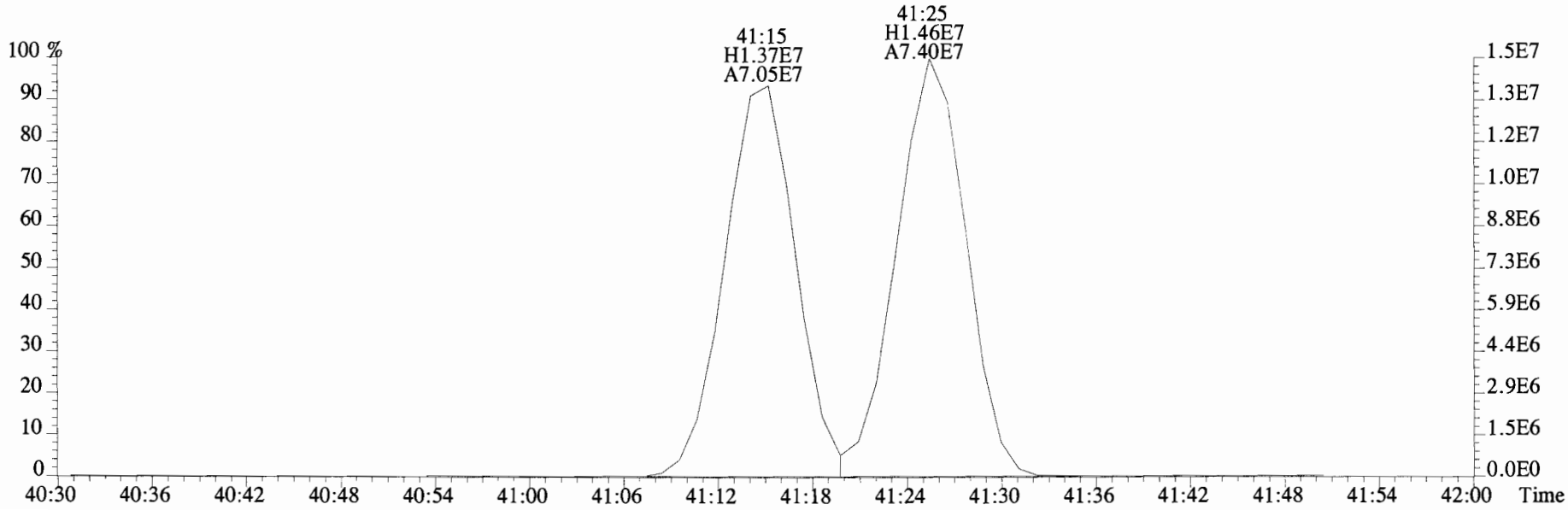
330.9792 S:6 F:3



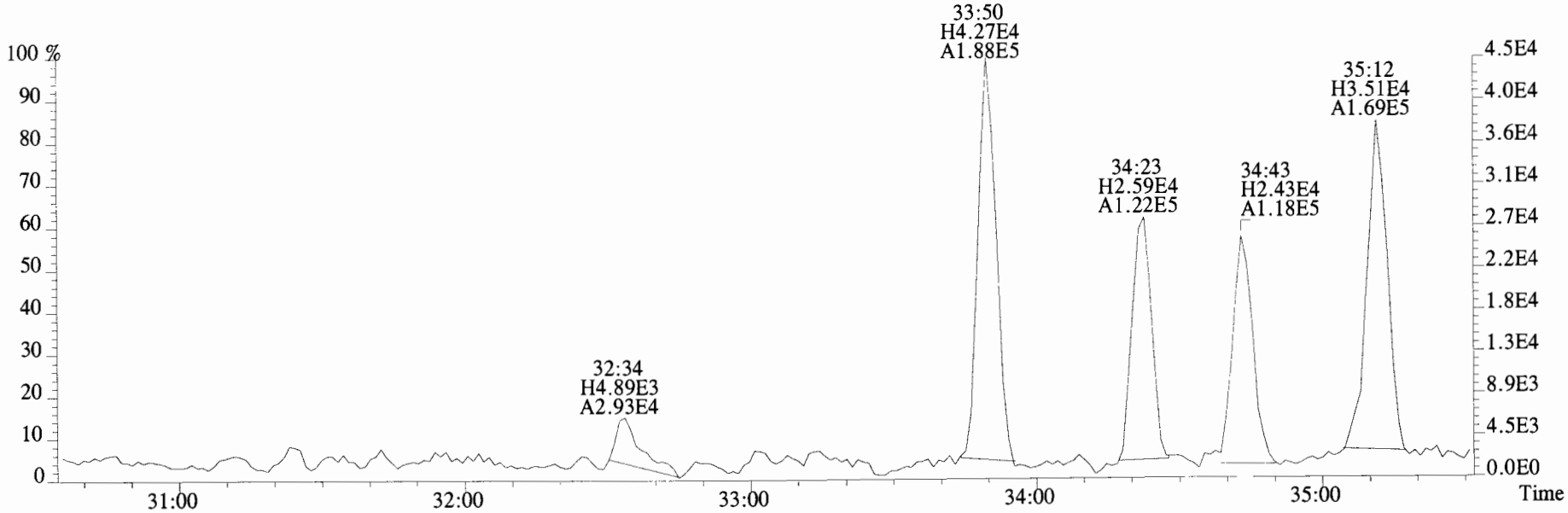
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8400.0,0.00%,F,F)



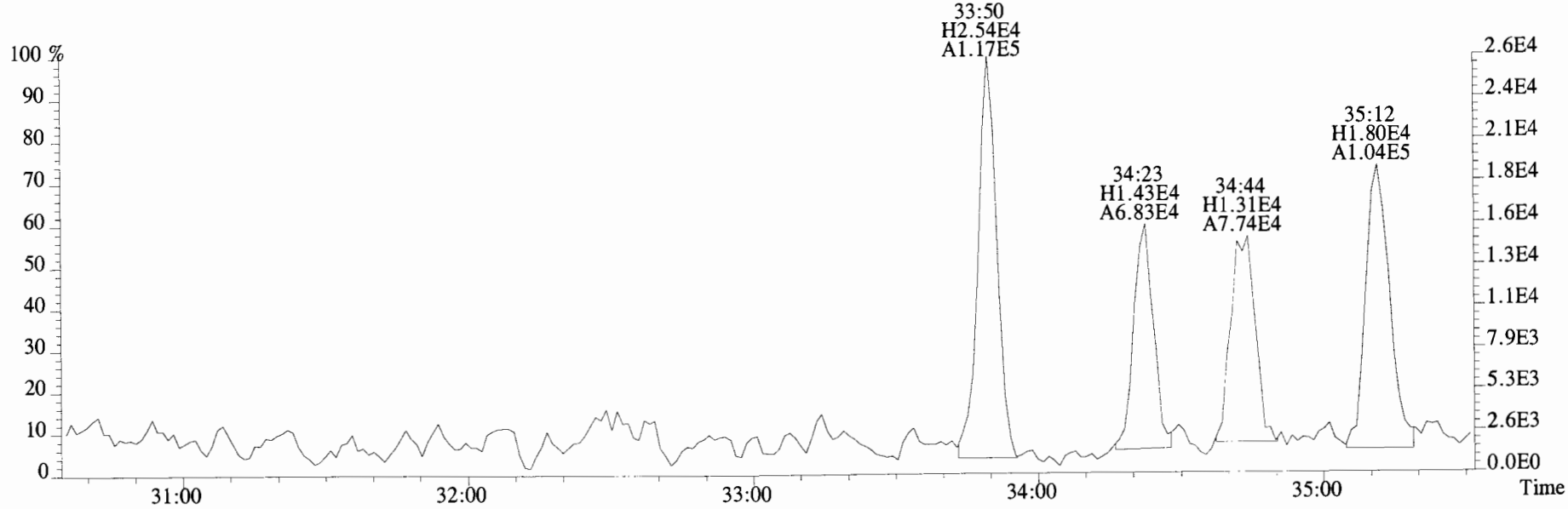
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5600.0,0.00%,F,F)



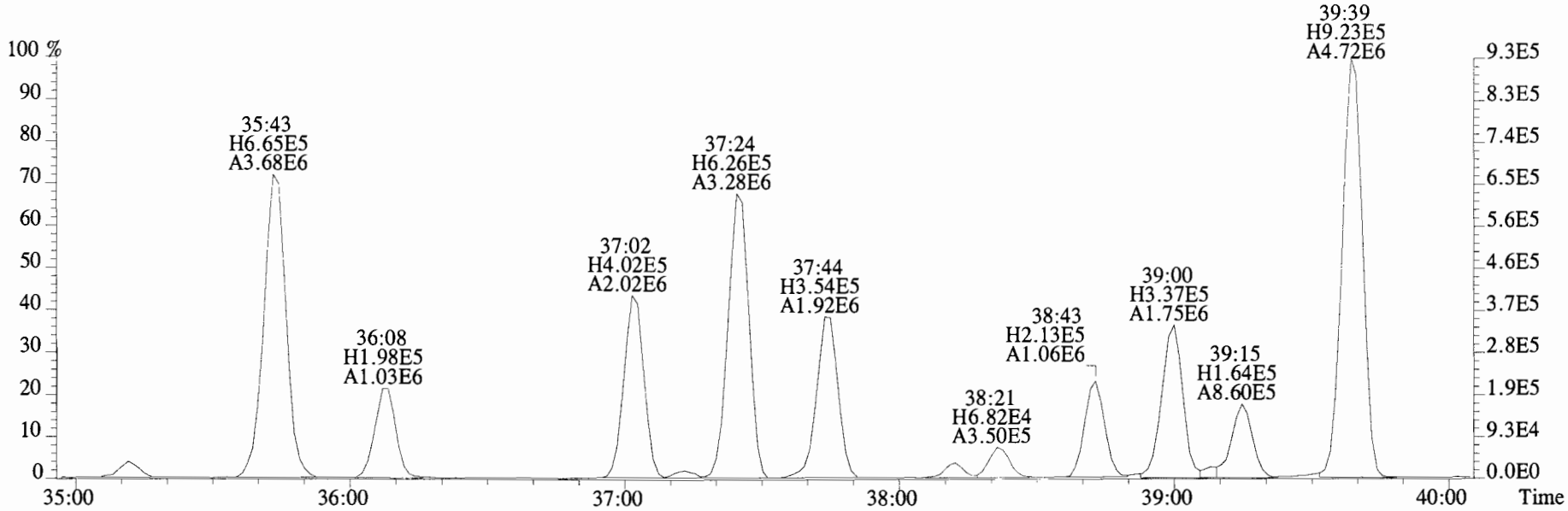
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



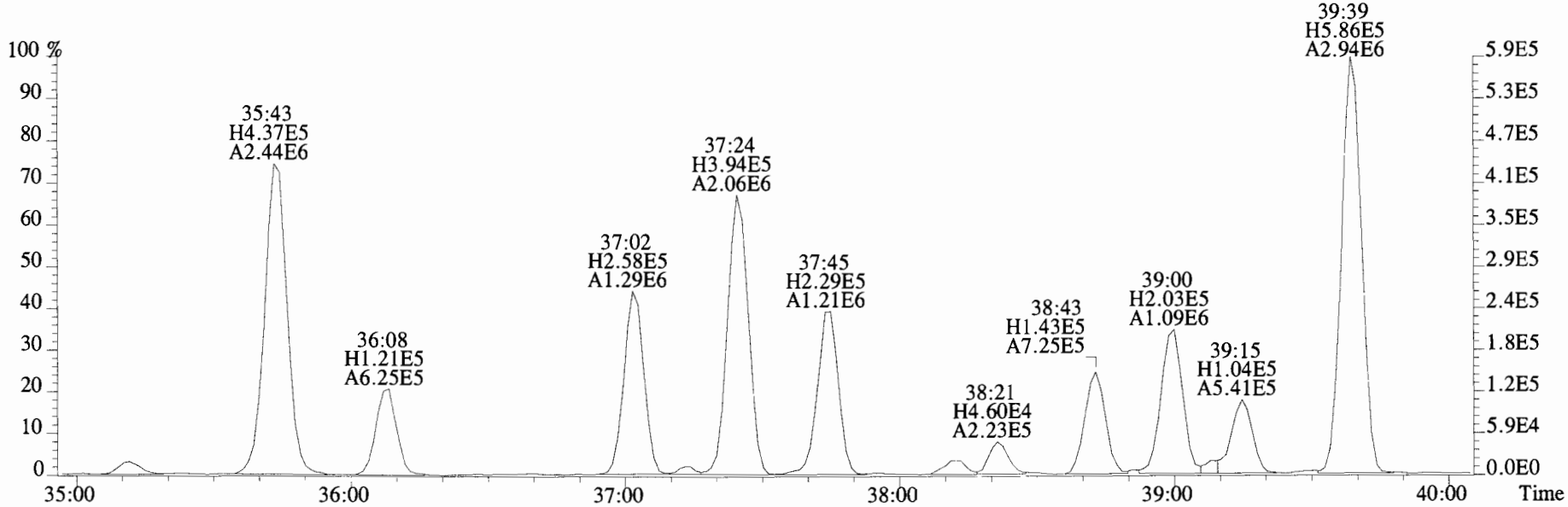
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



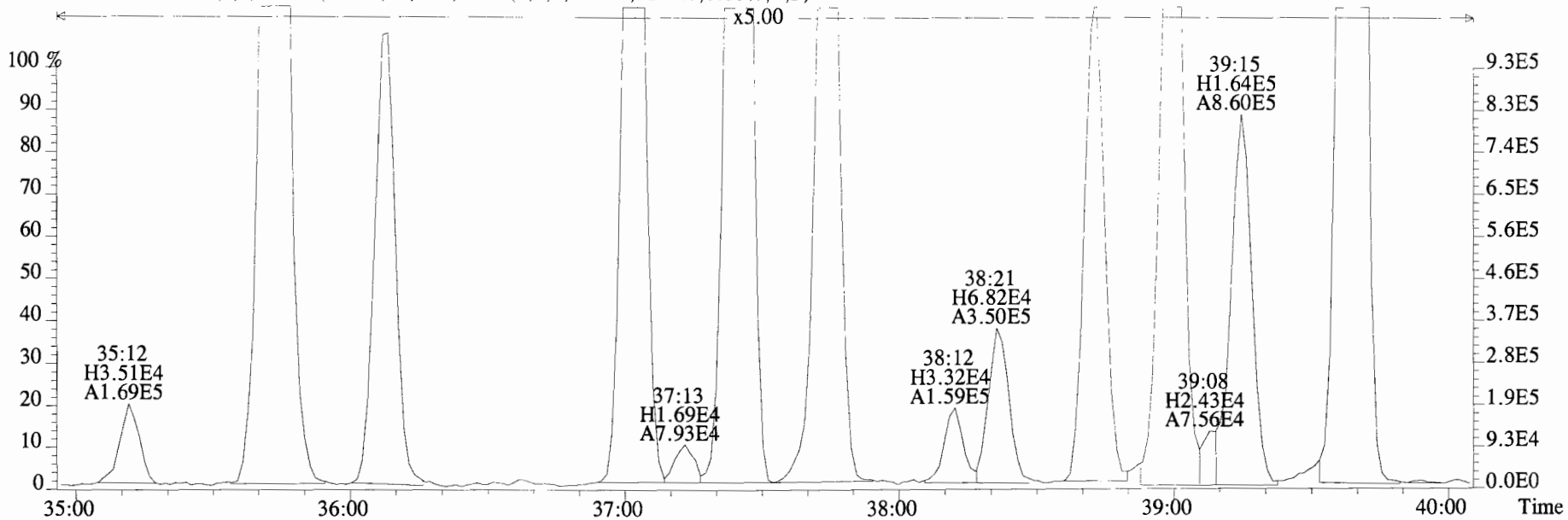
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



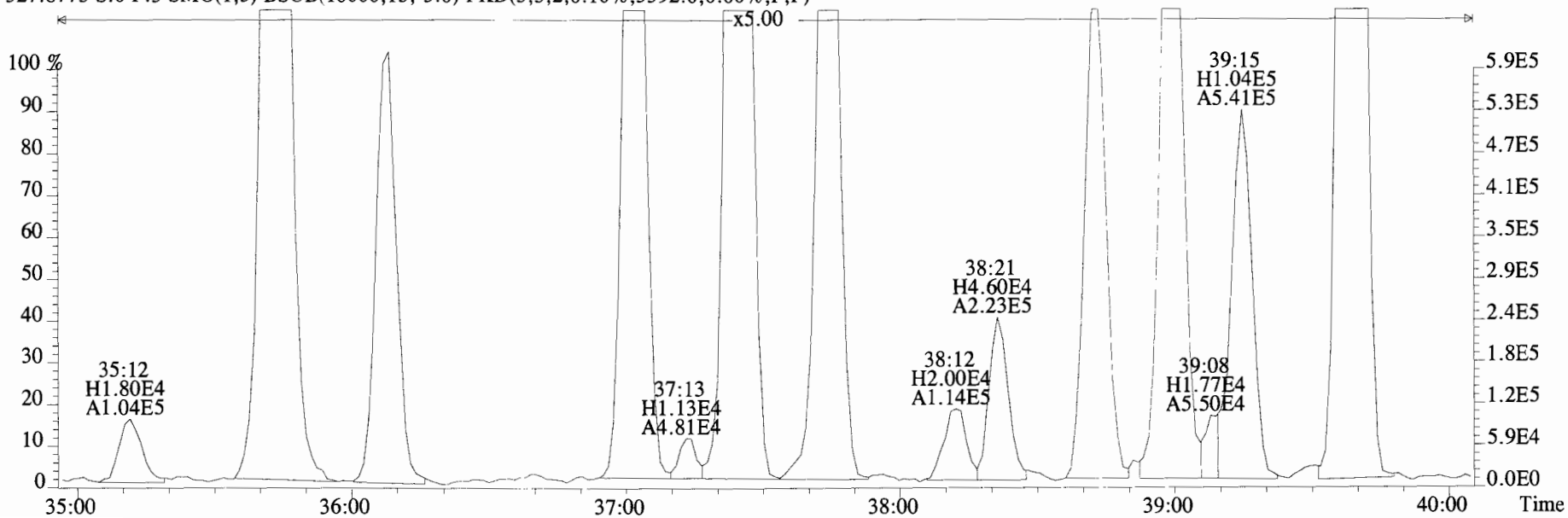
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



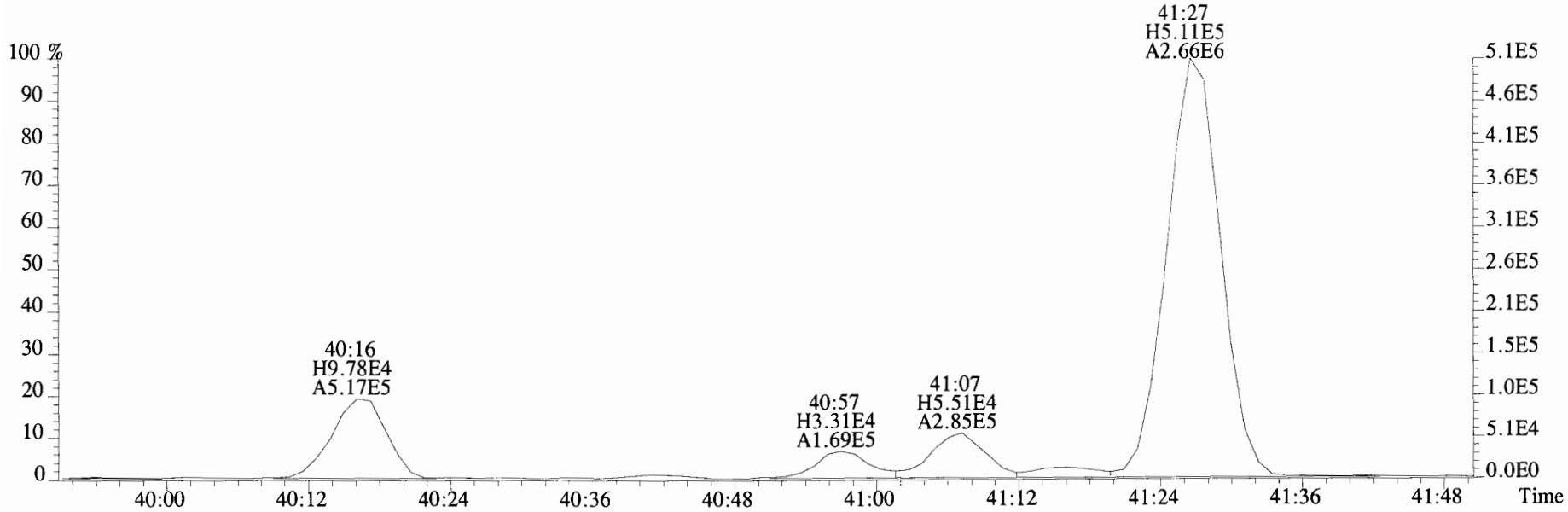
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



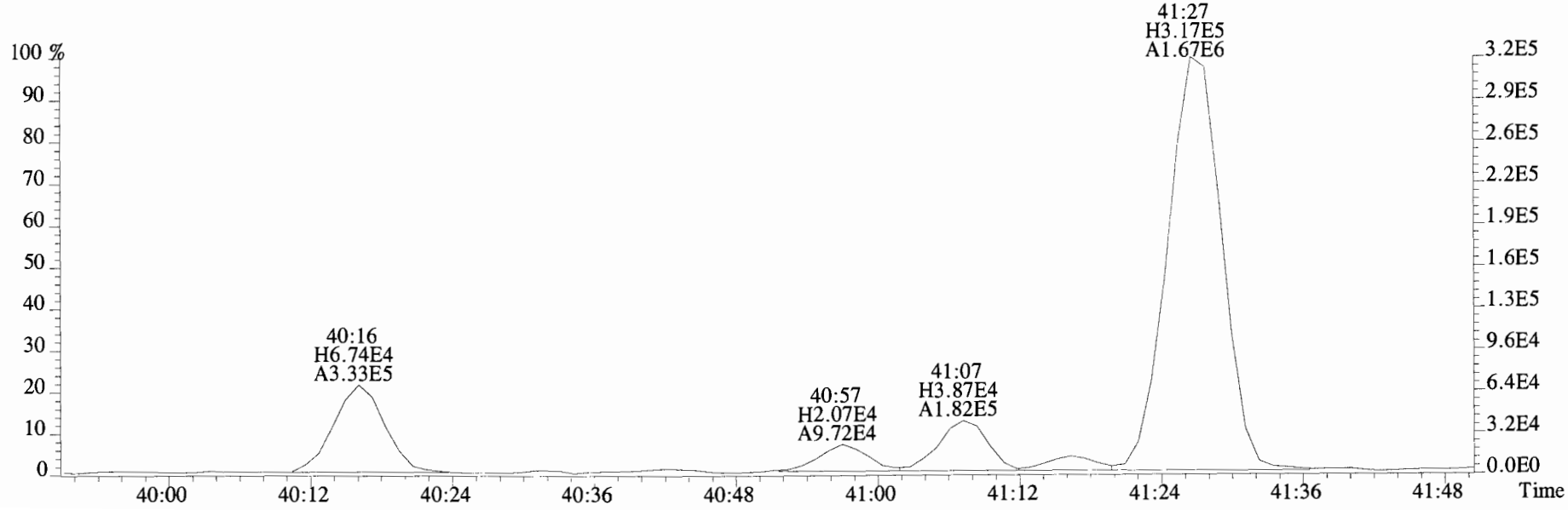
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



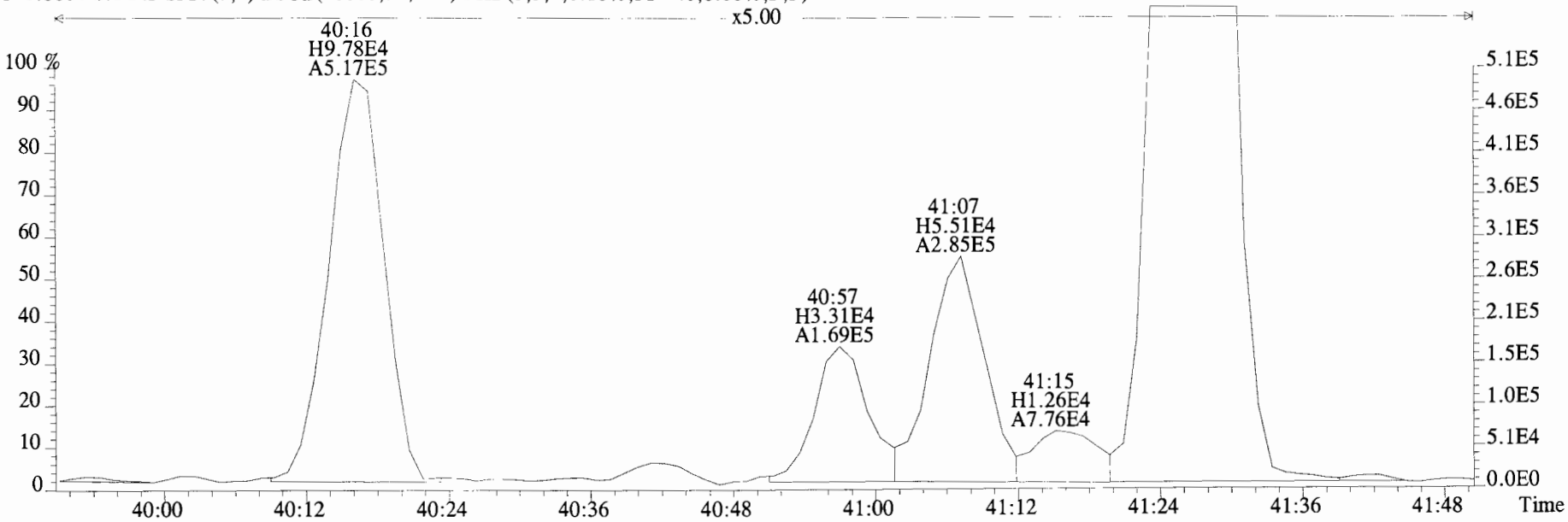
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



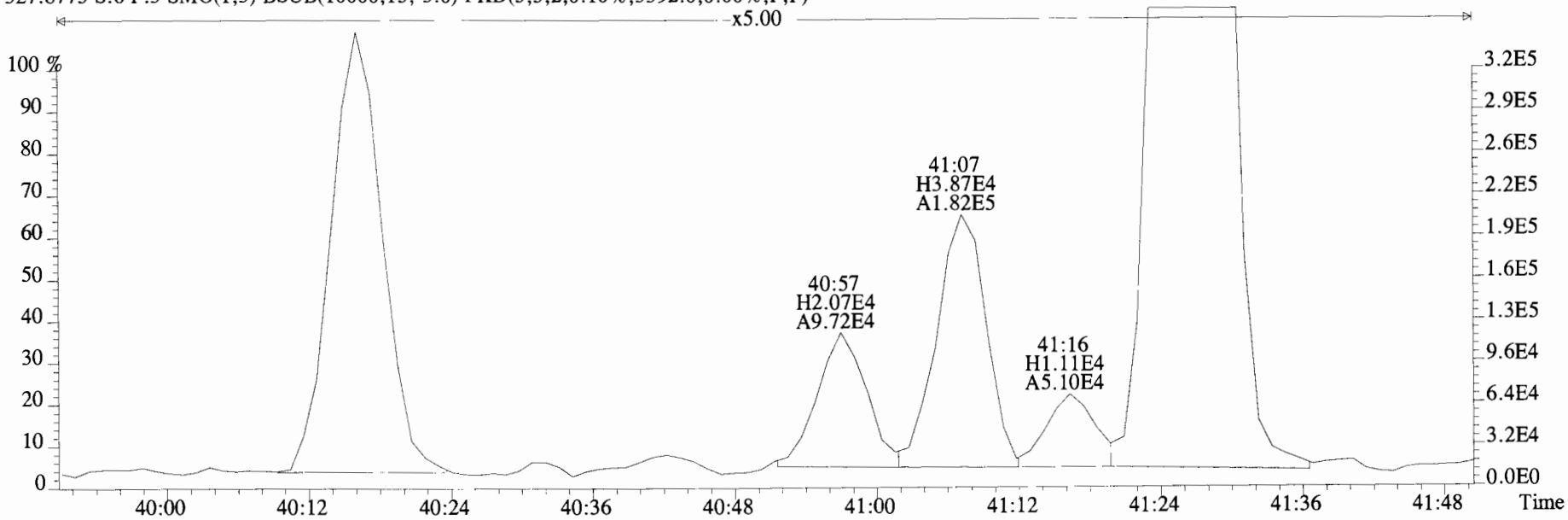
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)



File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)

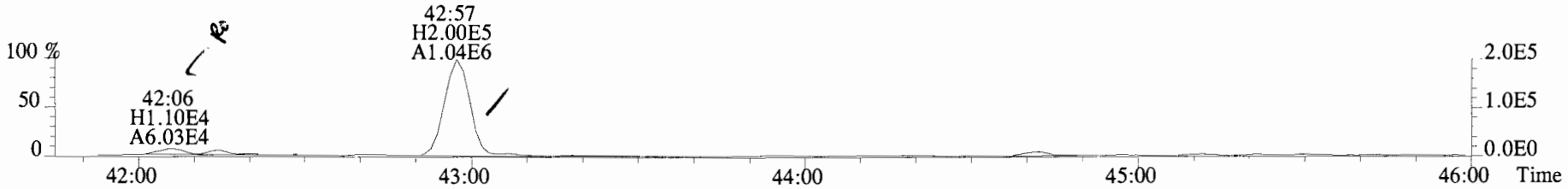


327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3392.0,0.00%,F,F)

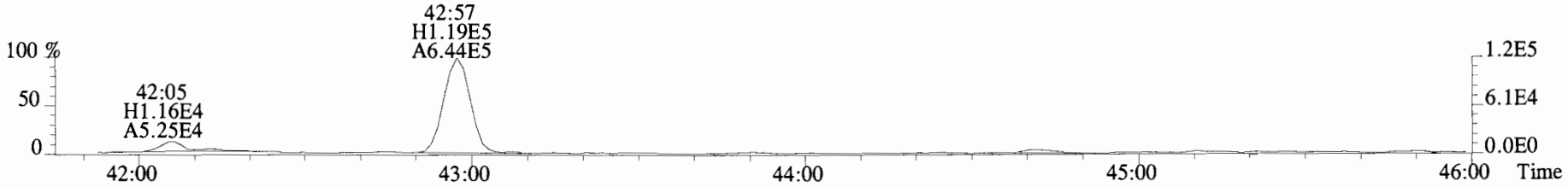


File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1

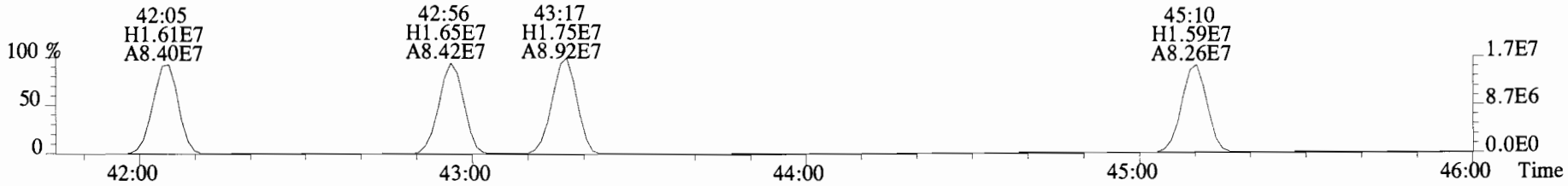
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2916.0,0.00%,F,F)



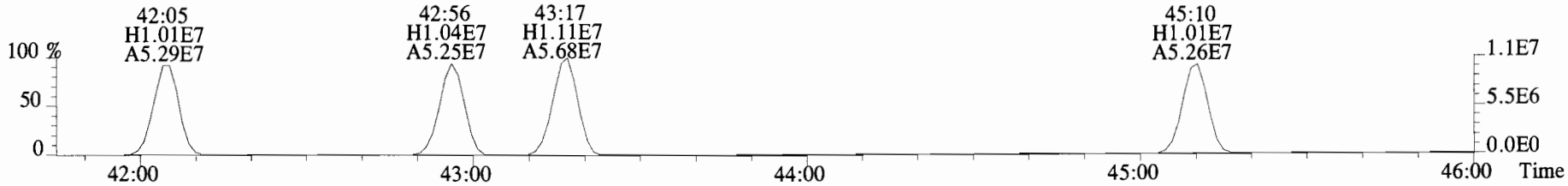
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



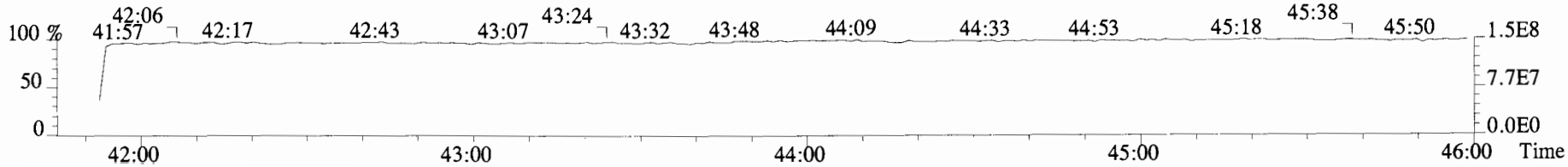
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9608.0,0.00%,F,F)



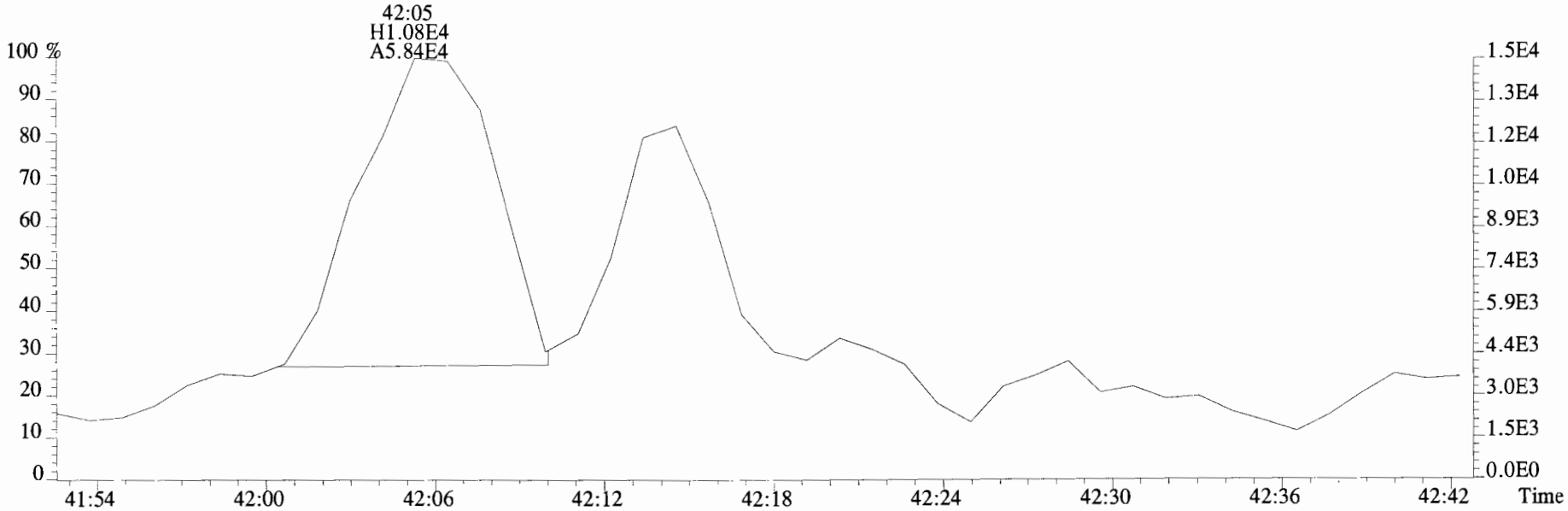
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6624.0,0.00%,F,F)



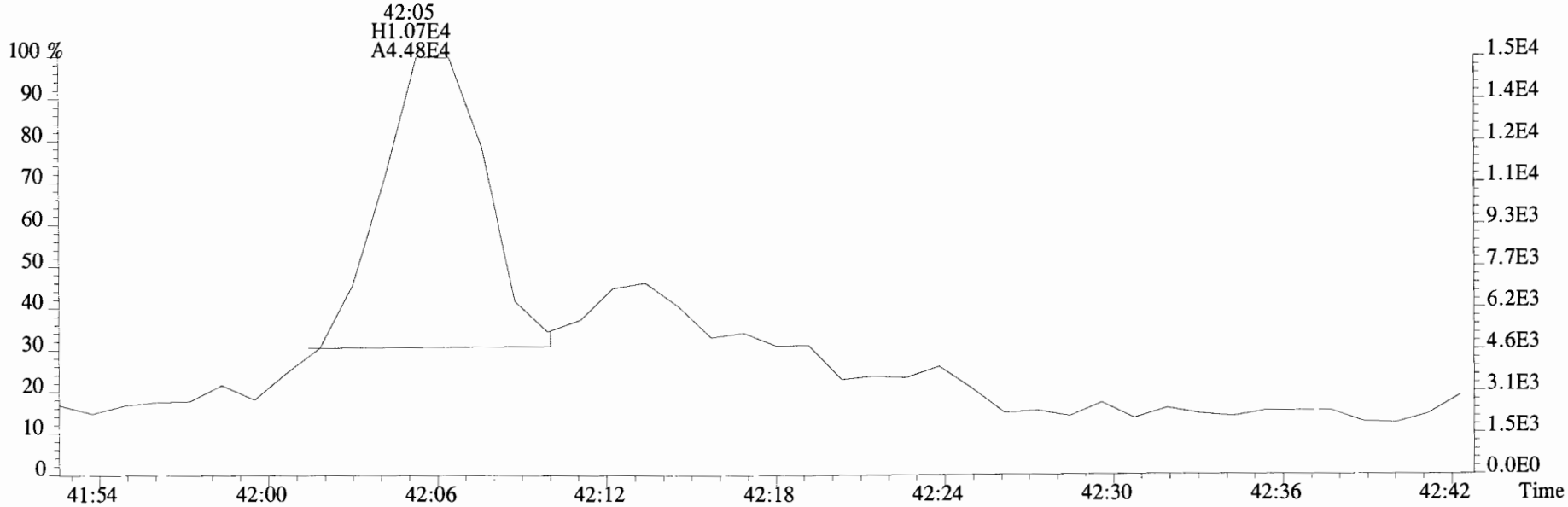
380.9760 S:6 F:4



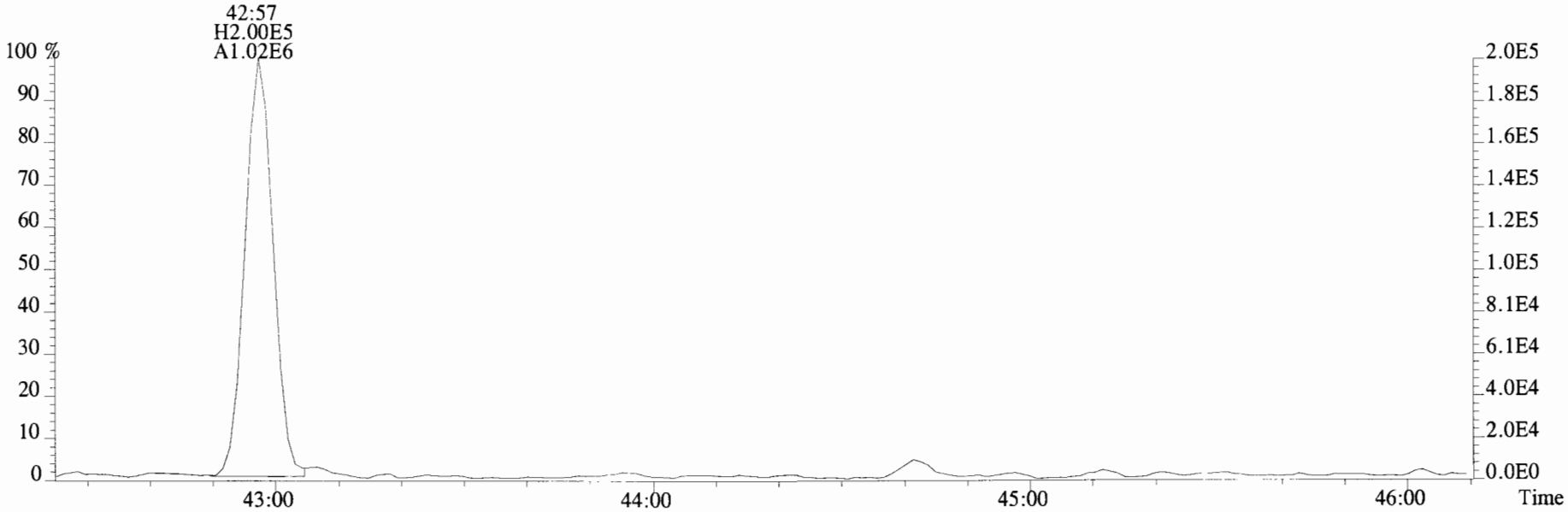
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2916.0,0.00%,F,F)



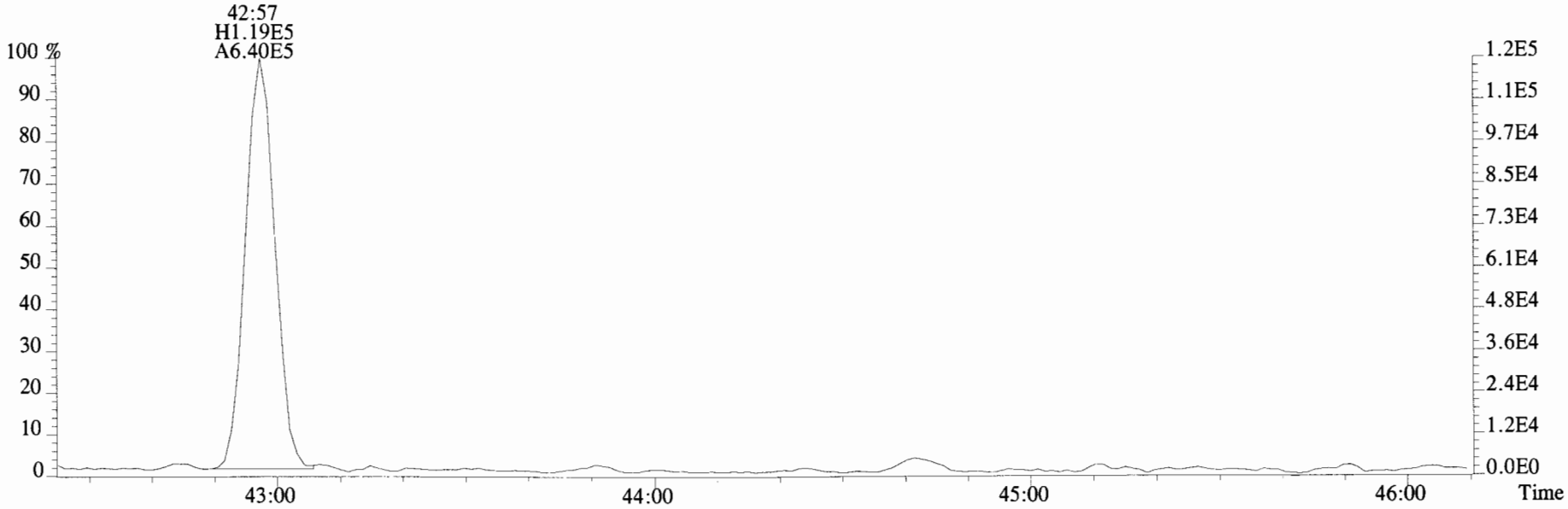
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2916.0,0.00%,F,F)

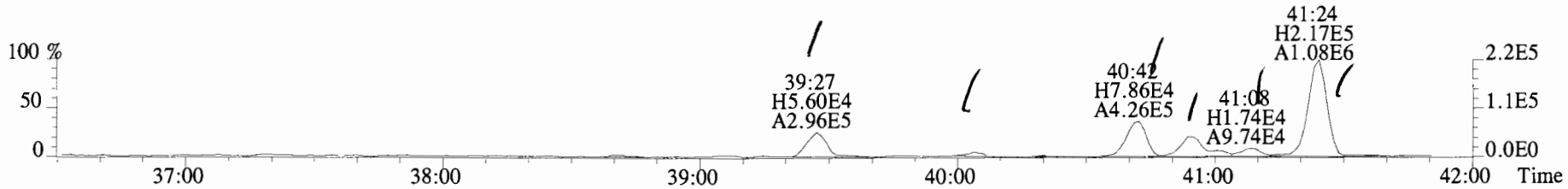


327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)

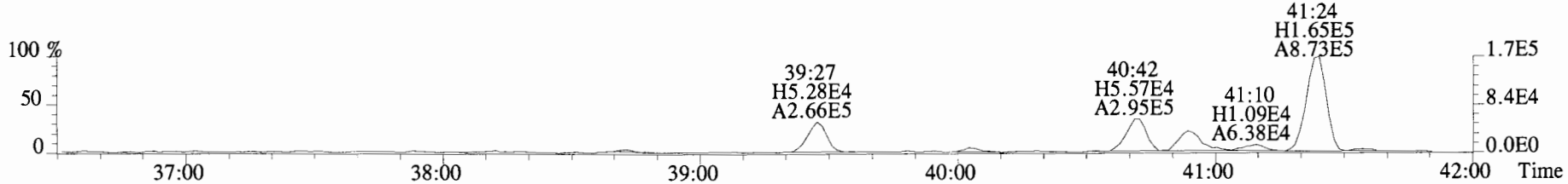


File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1

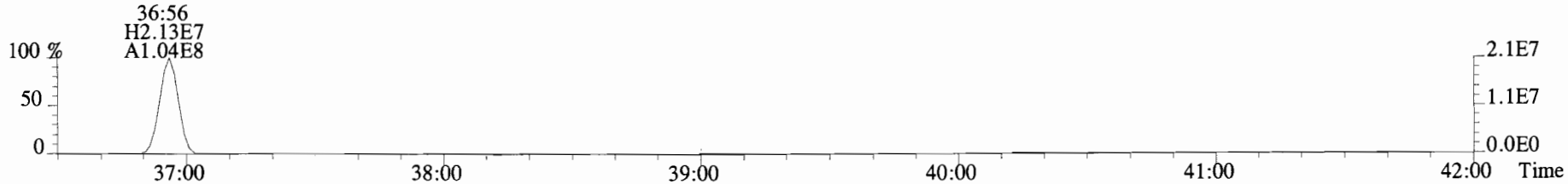
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



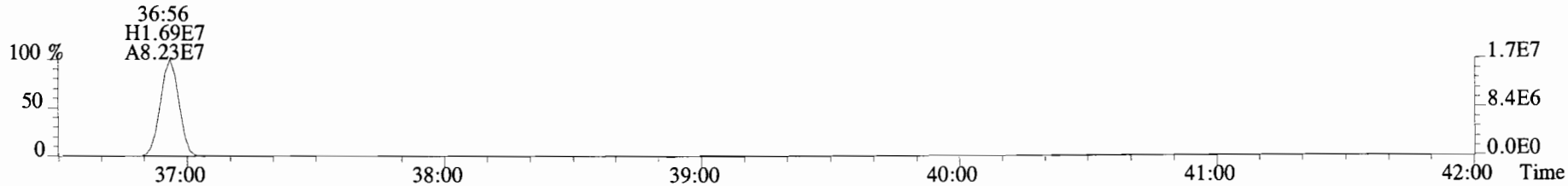
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



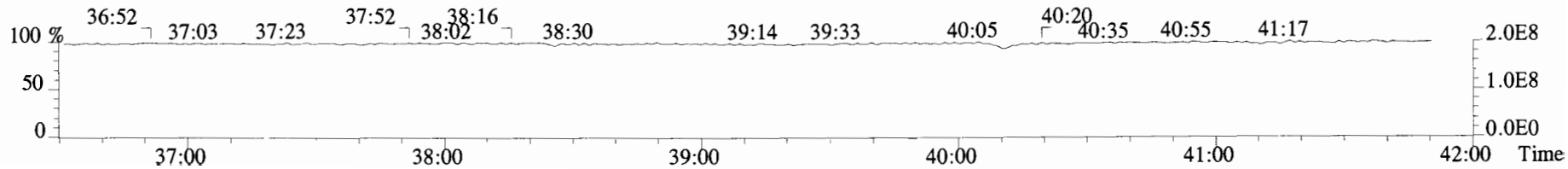
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2968.0,0.00%,F,F)



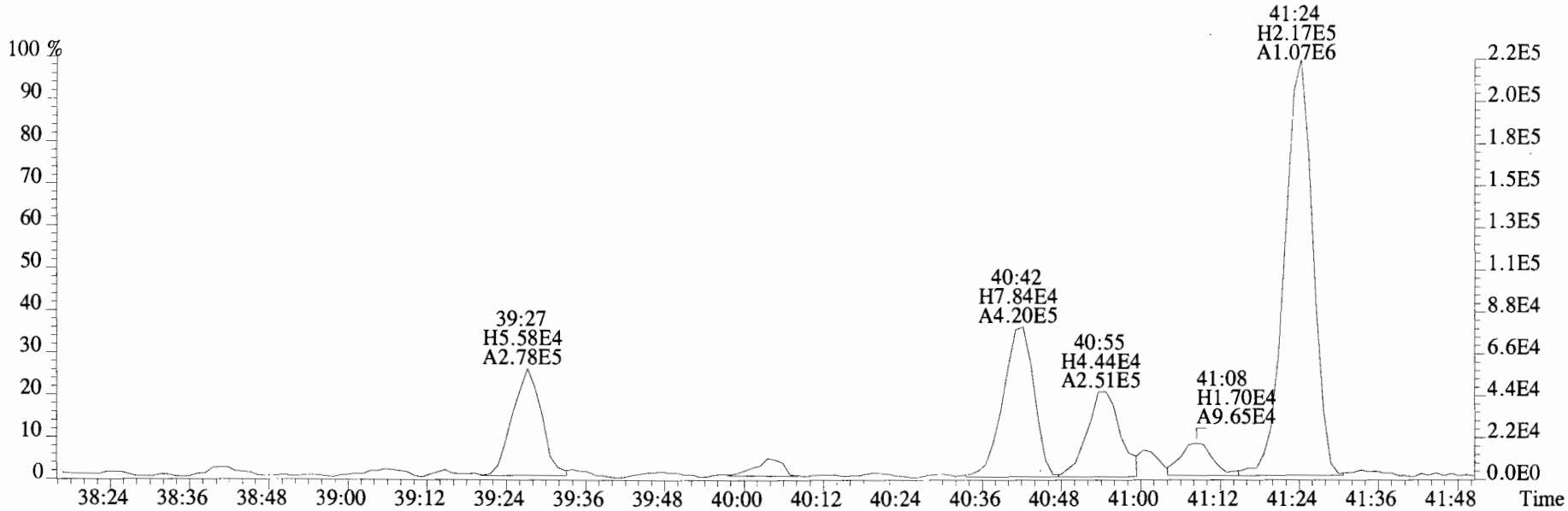
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4052.0,0.00%,F,F)



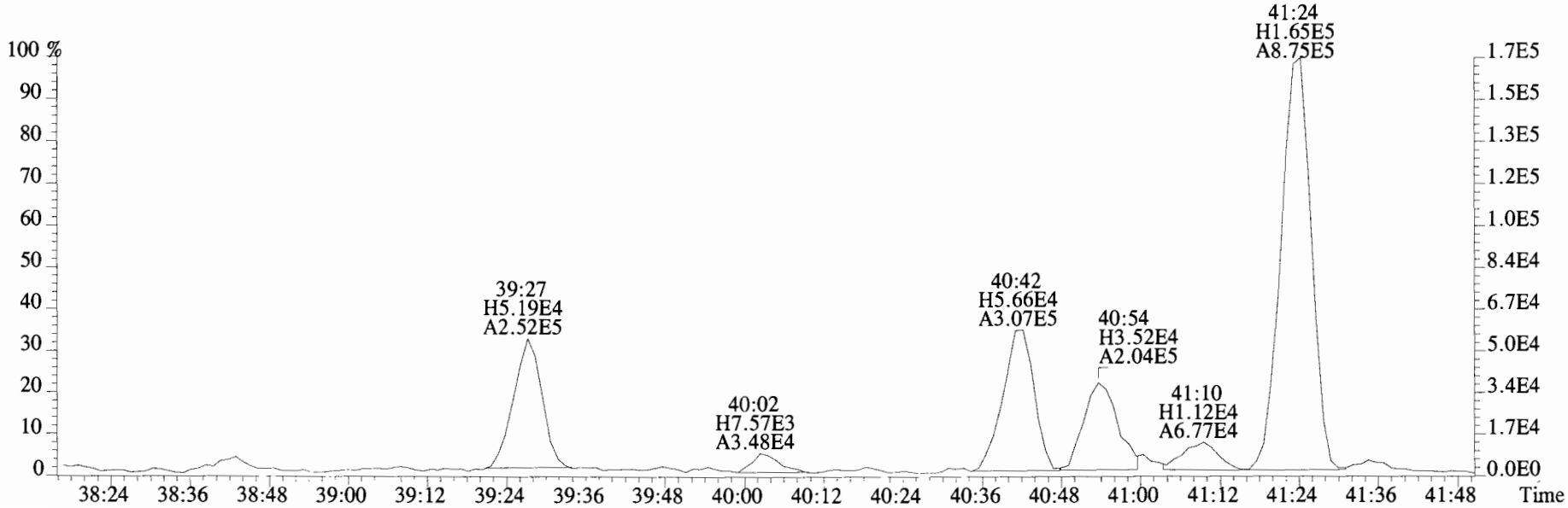
330.9792 S:6 F:3



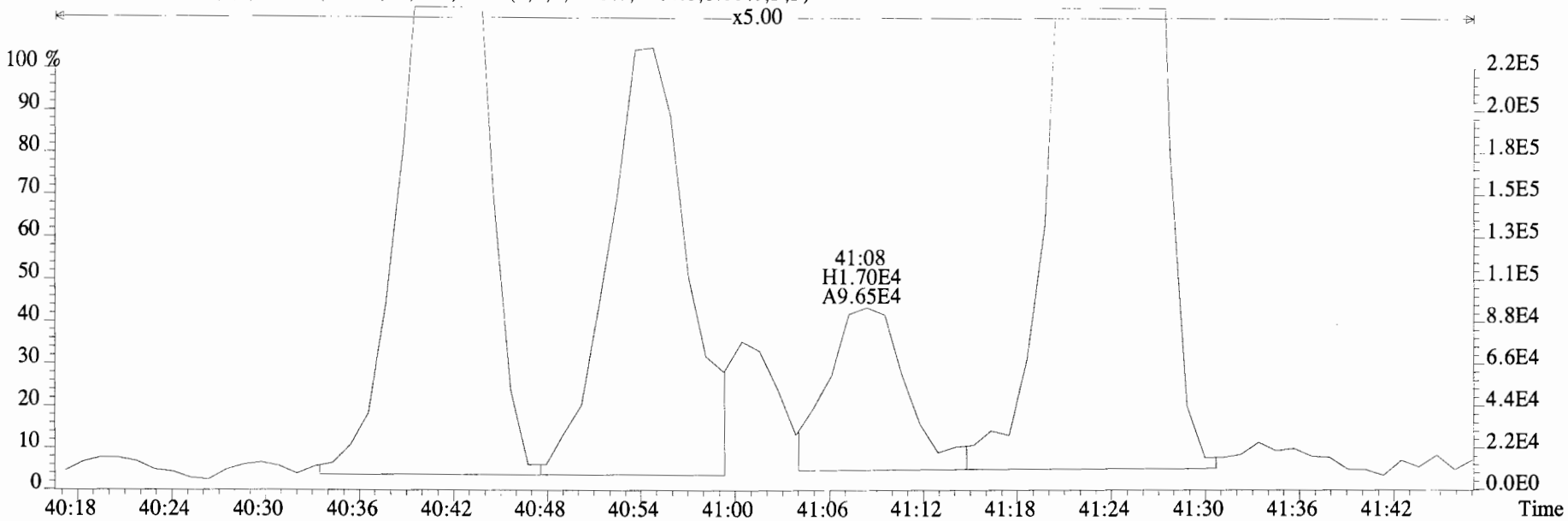
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



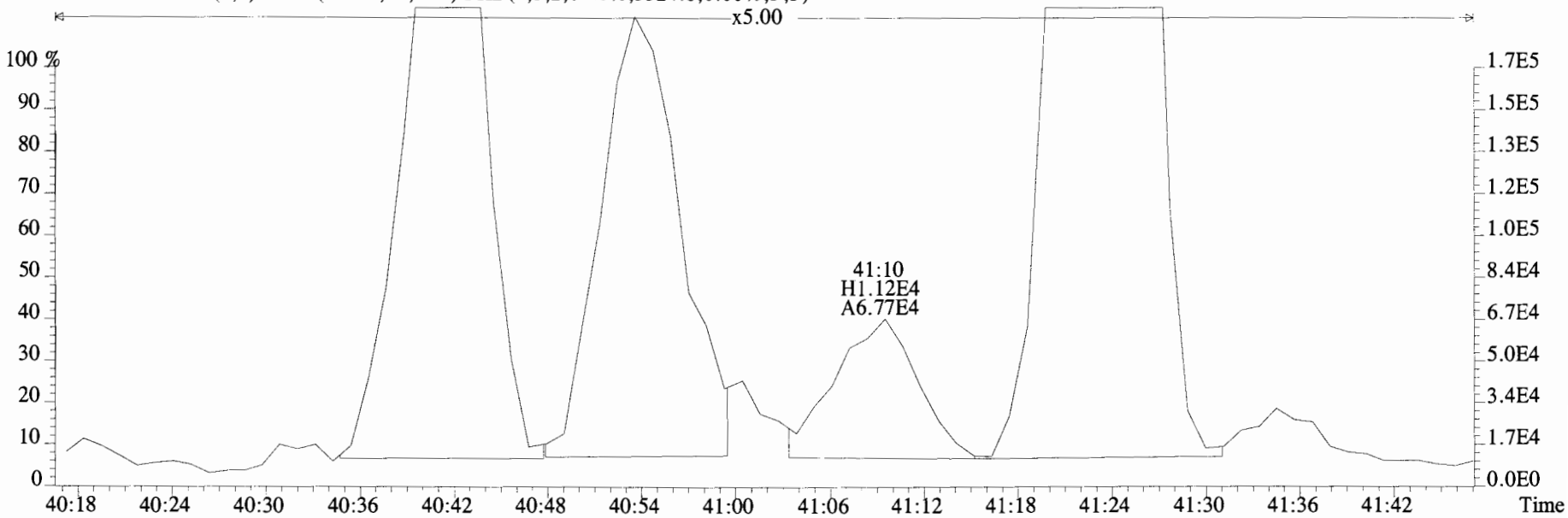
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



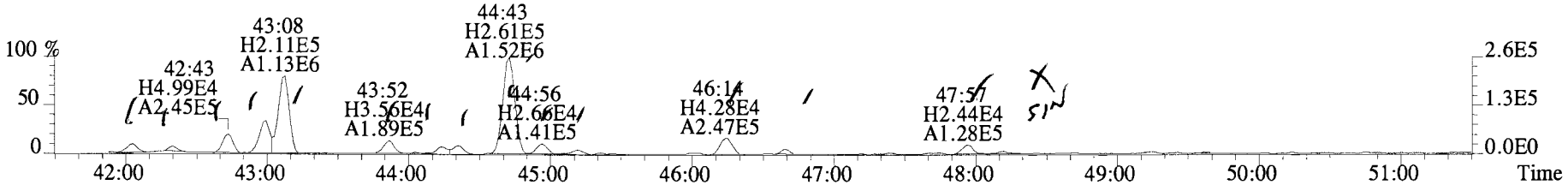
File:180118E2 #1-756 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



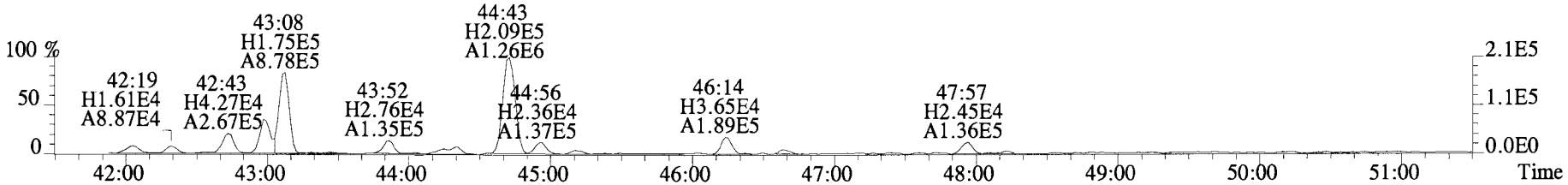
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3324.0,0.00%,F,F)



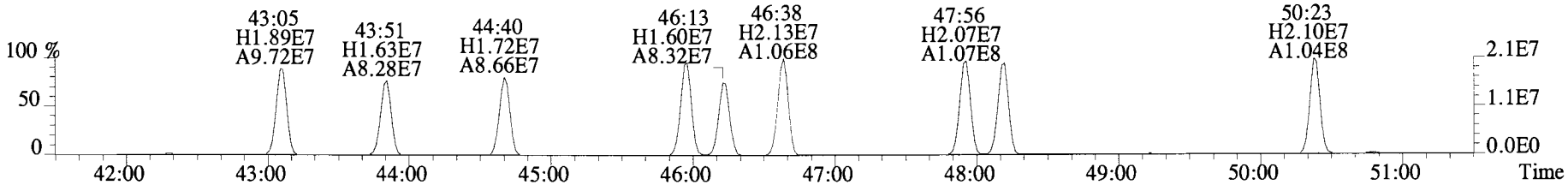
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



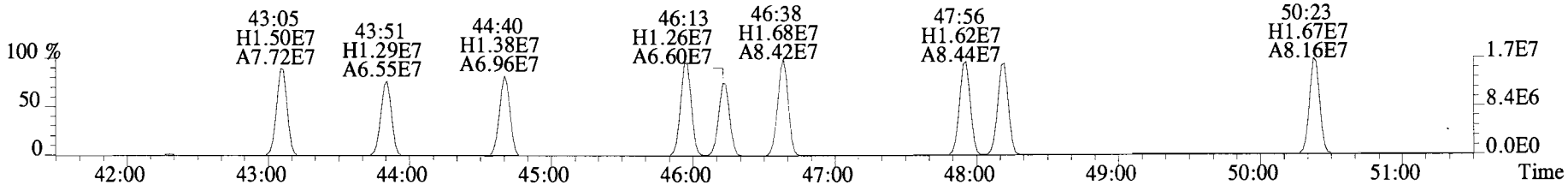
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



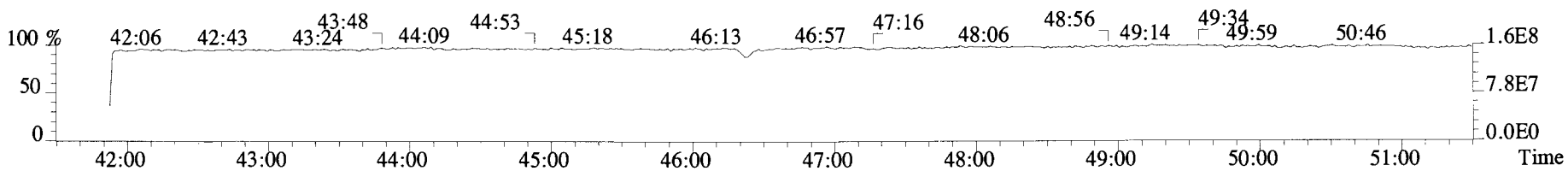
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20992.0,0.00%,F,F)



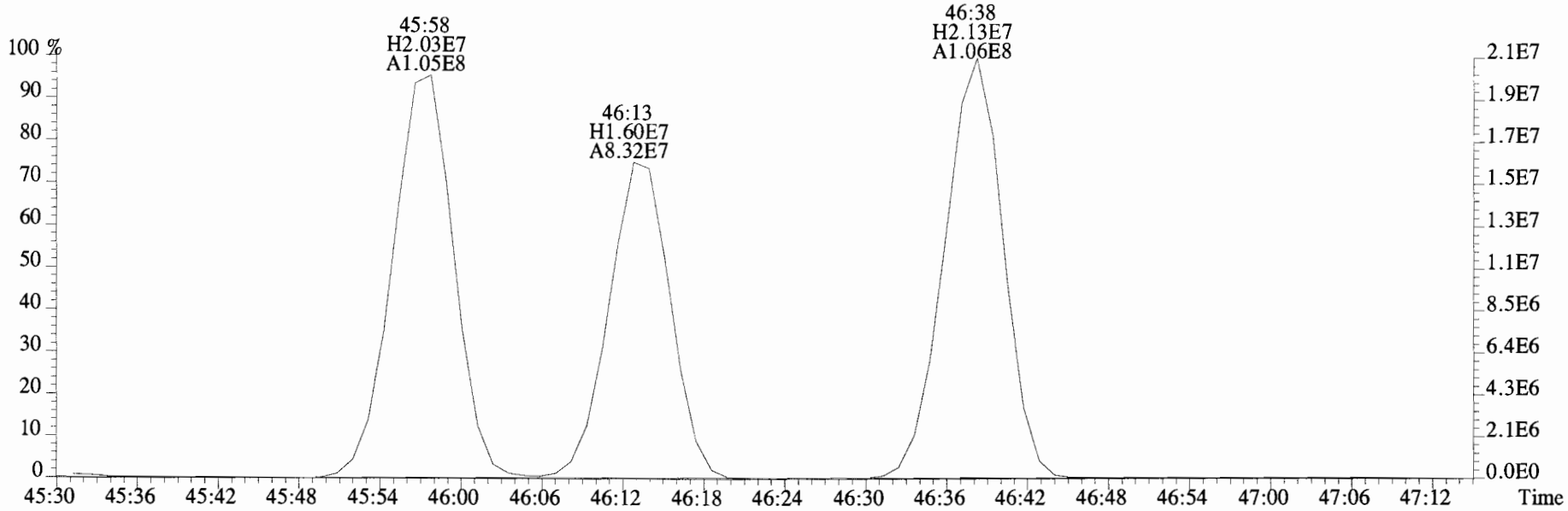
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16056.0,0.00%,F,F)



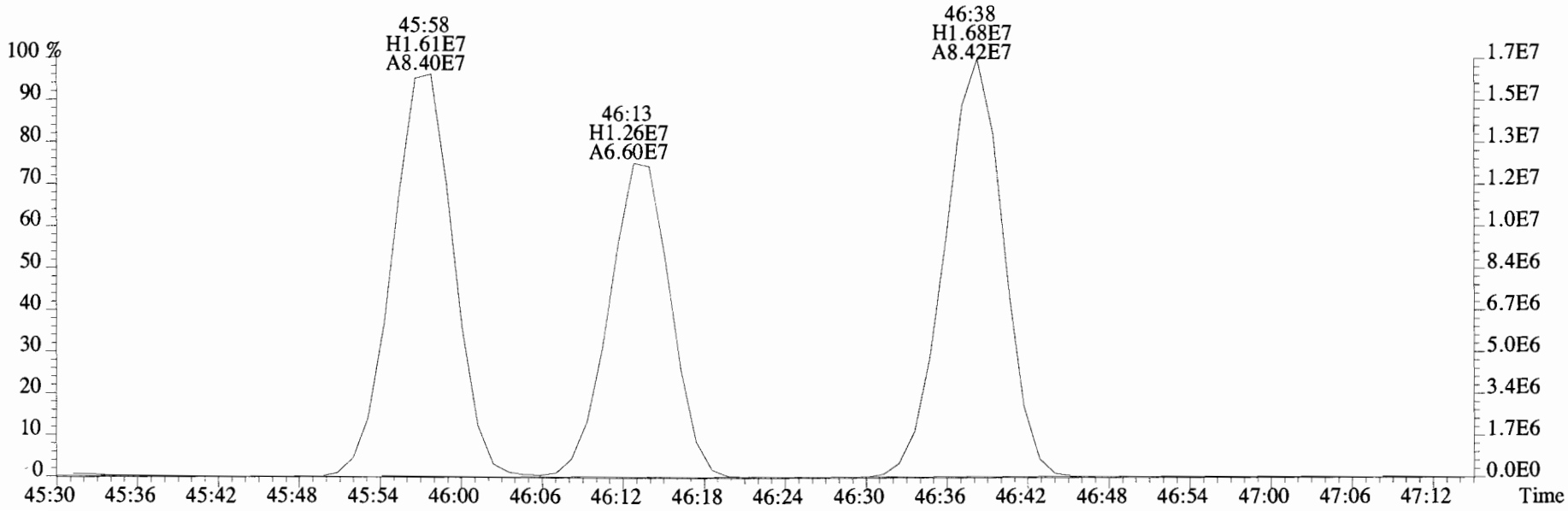
380.9760 S:6 F:4



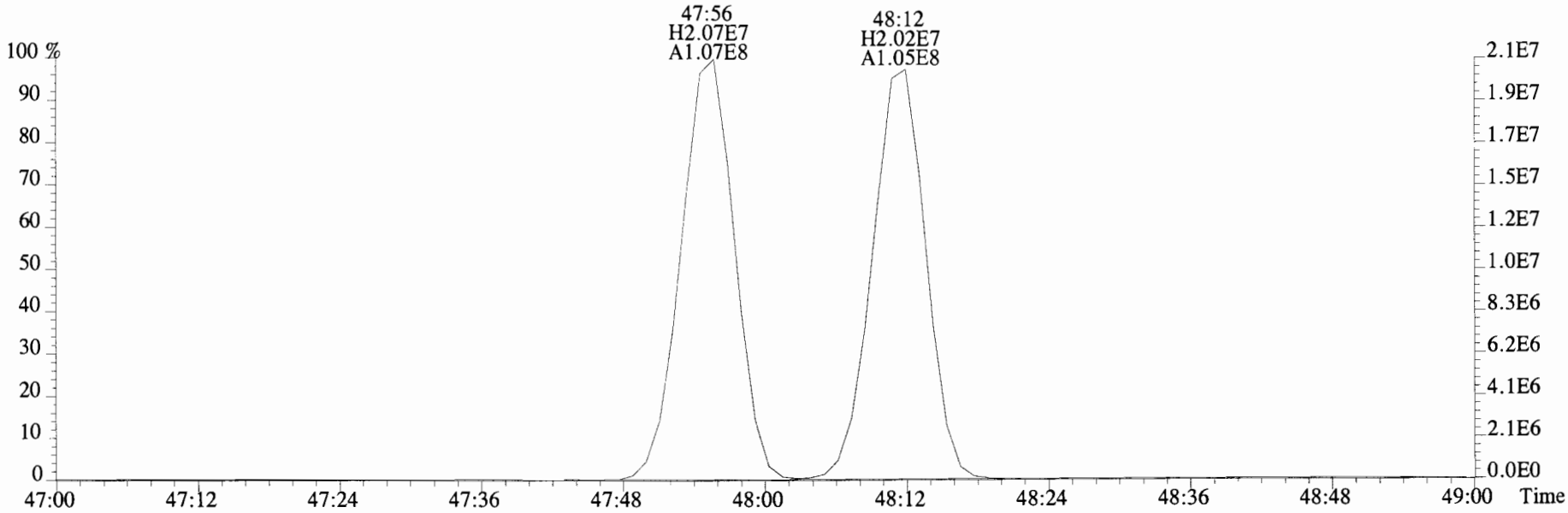
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20992.0,0.00%,F,F)



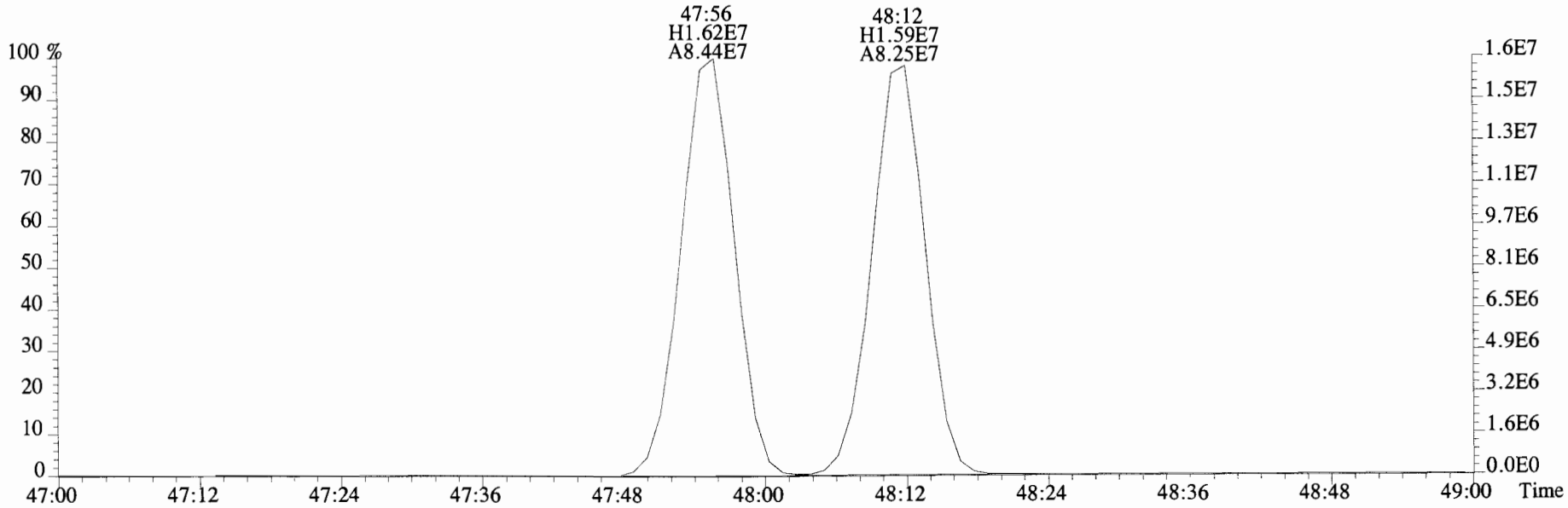
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16056.0,0.00%,F,F)



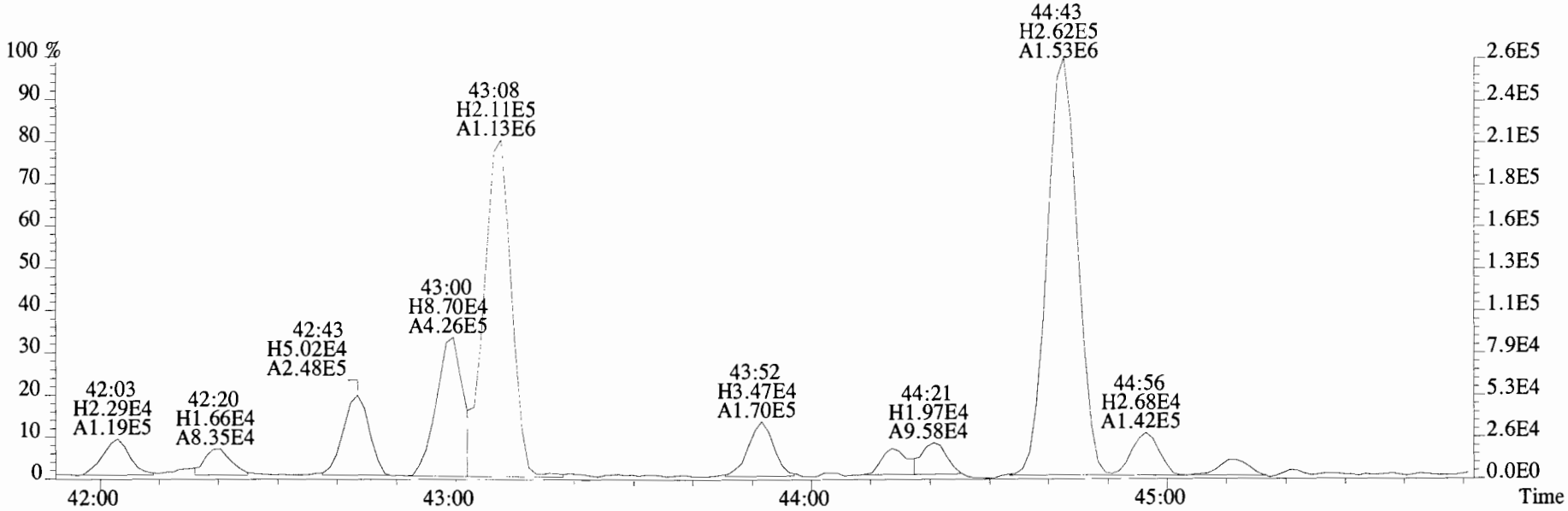
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20992.0,0.00%,F,F)



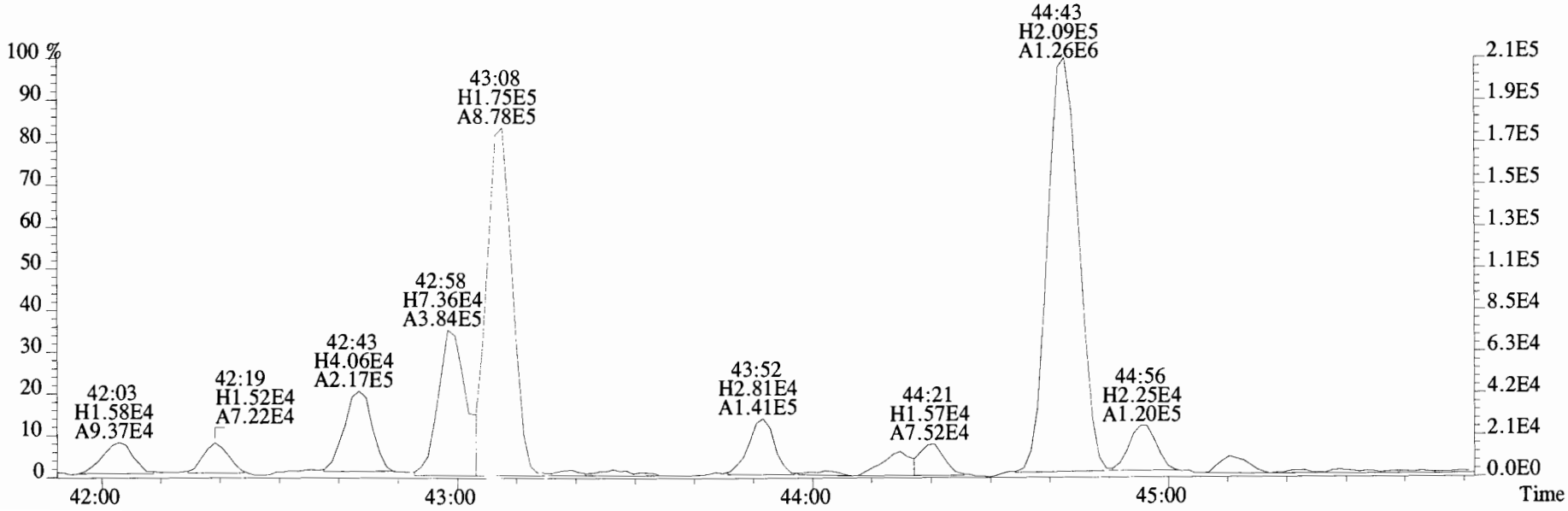
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16056.0,0.00%,F,F)



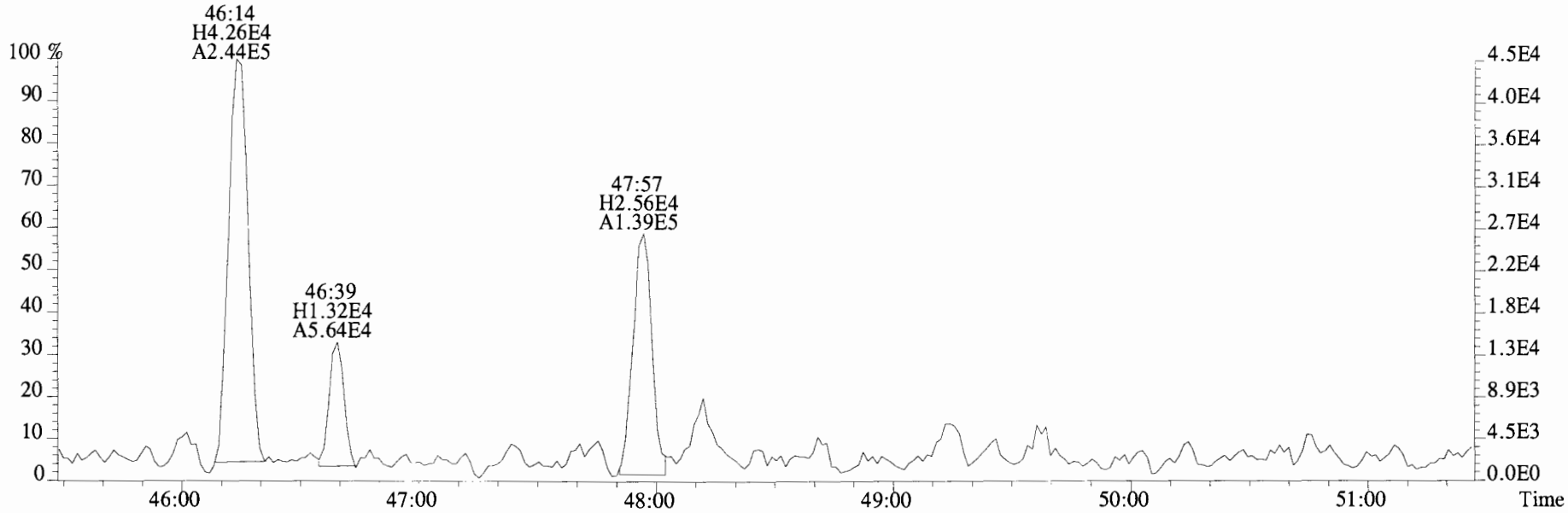
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



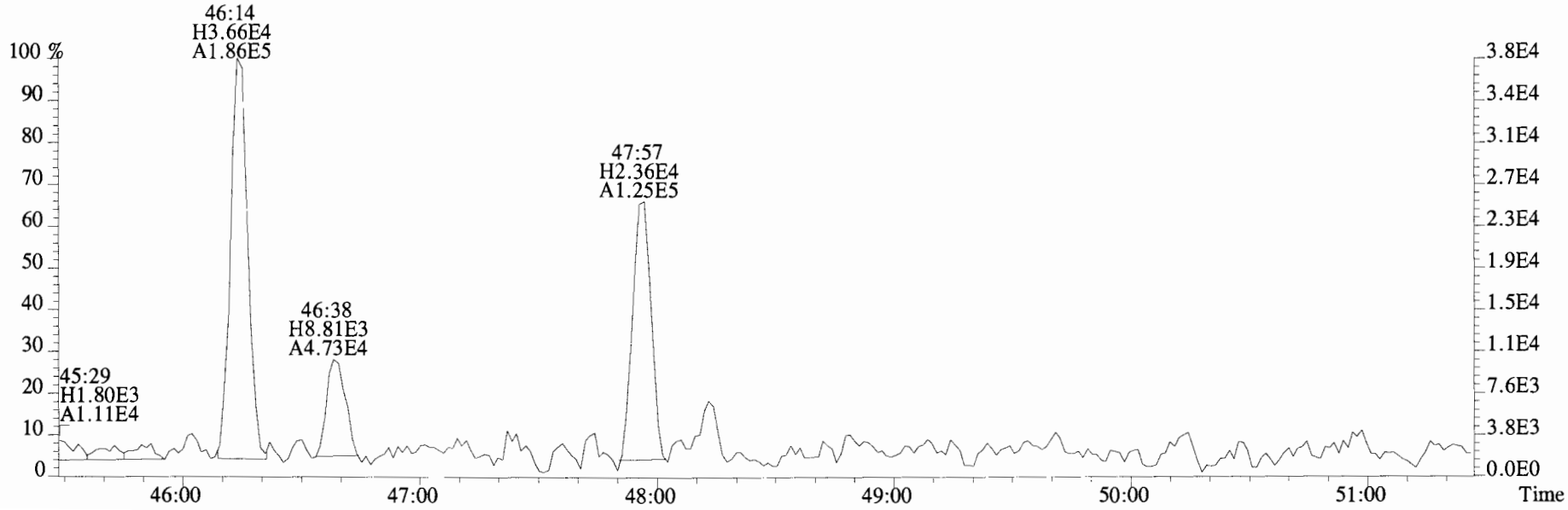
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



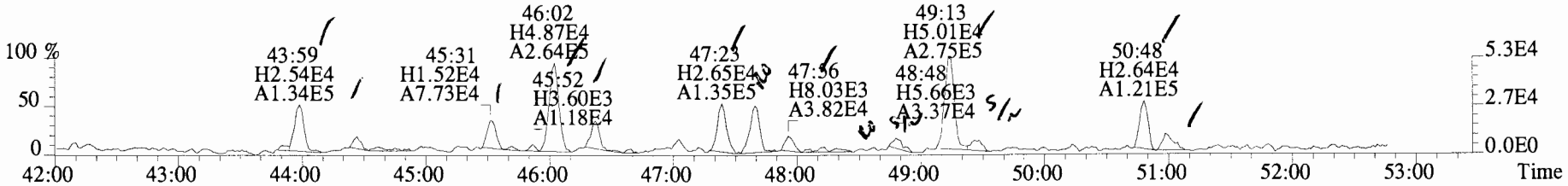
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



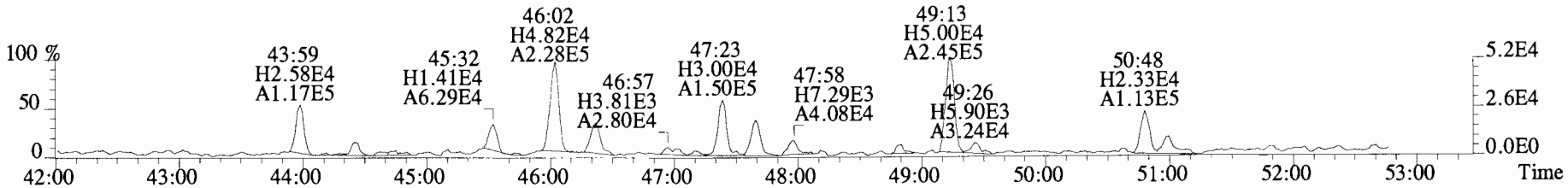
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3172.0,0.00%,F,F)



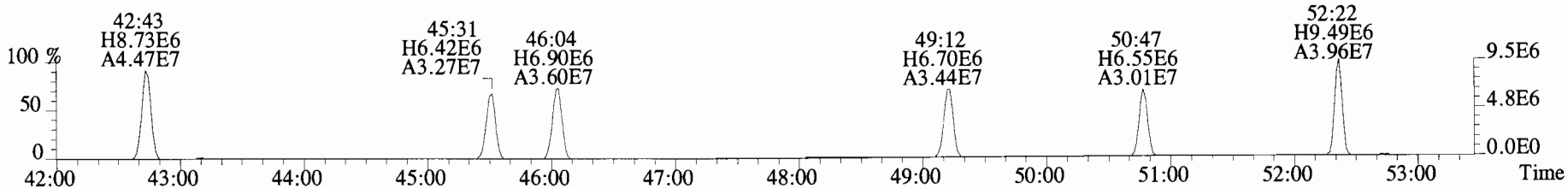
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3876.0,0.00%,F,F)



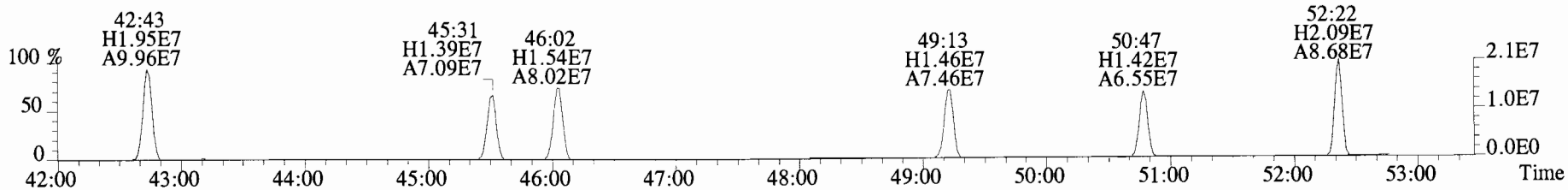
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2972.0,0.00%,F,F)



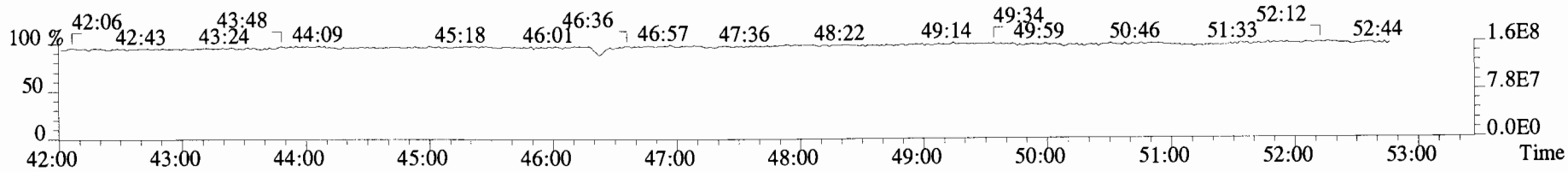
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9696.0,0.00%,F,F)



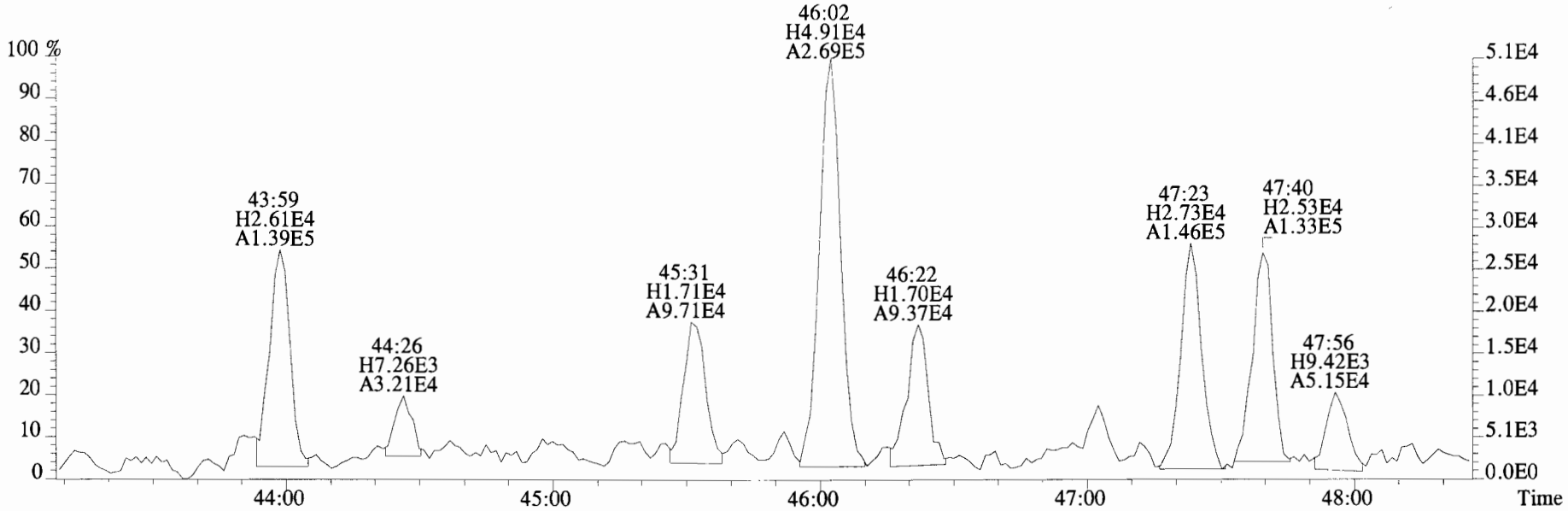
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19136.0,0.00%,F,F)



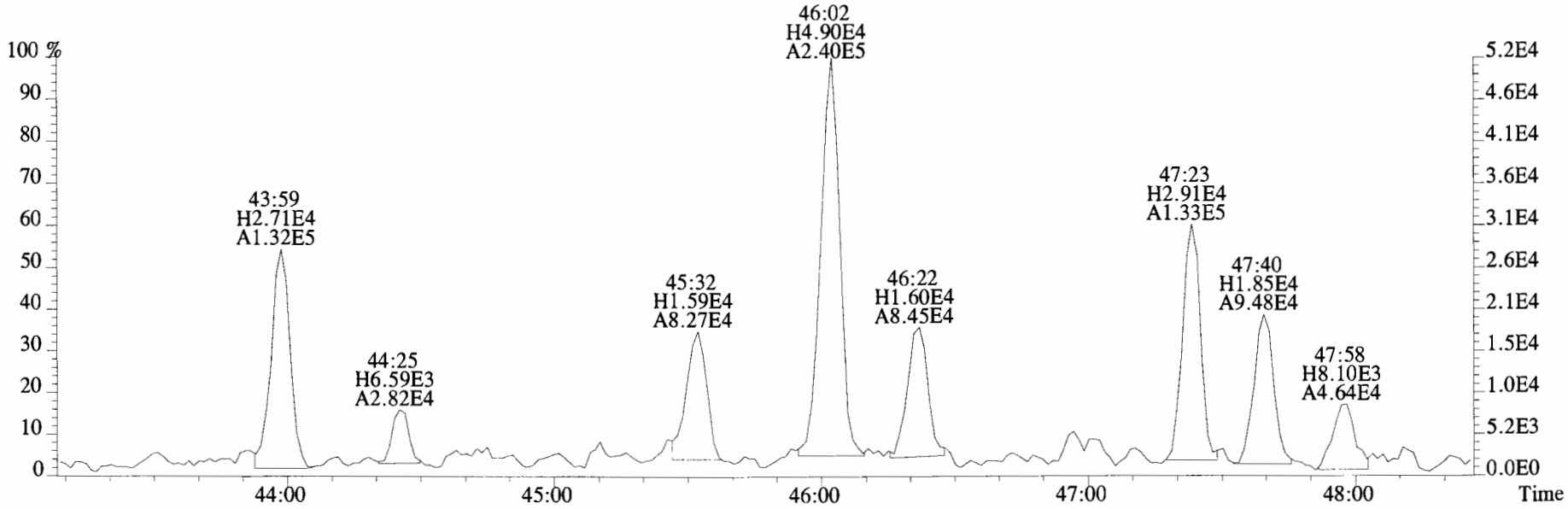
380.9760 S:6 F:4



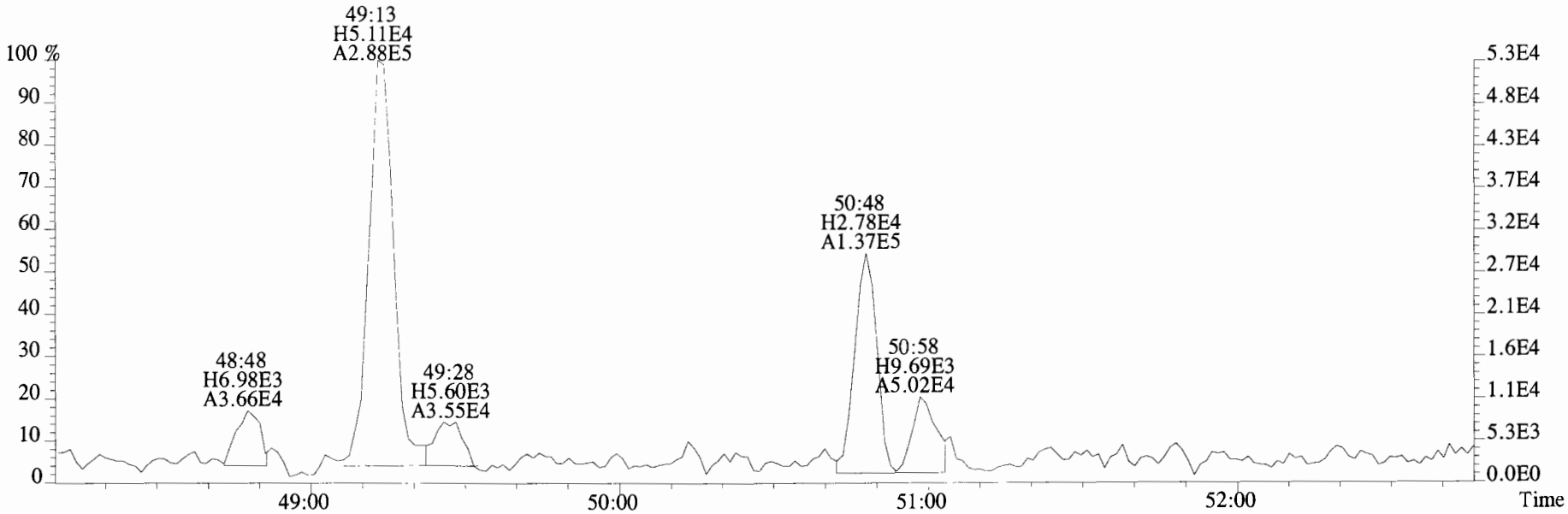
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3876.0,0.00%,F,F)



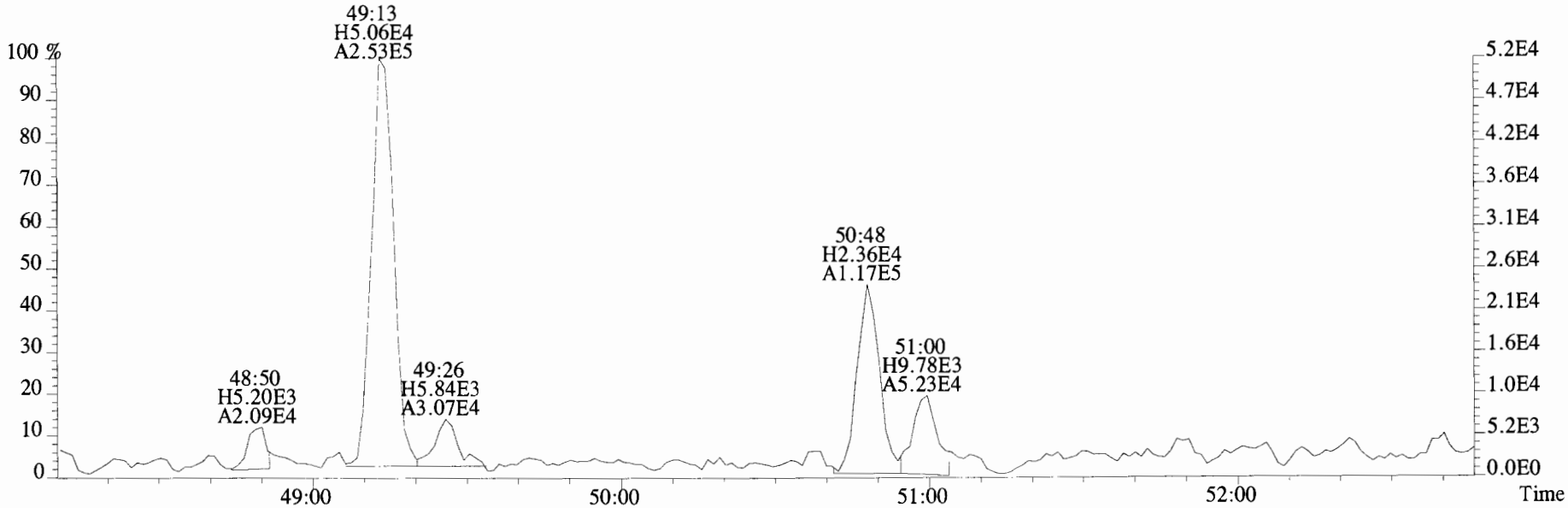
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2972.0,0.00%,F,F)



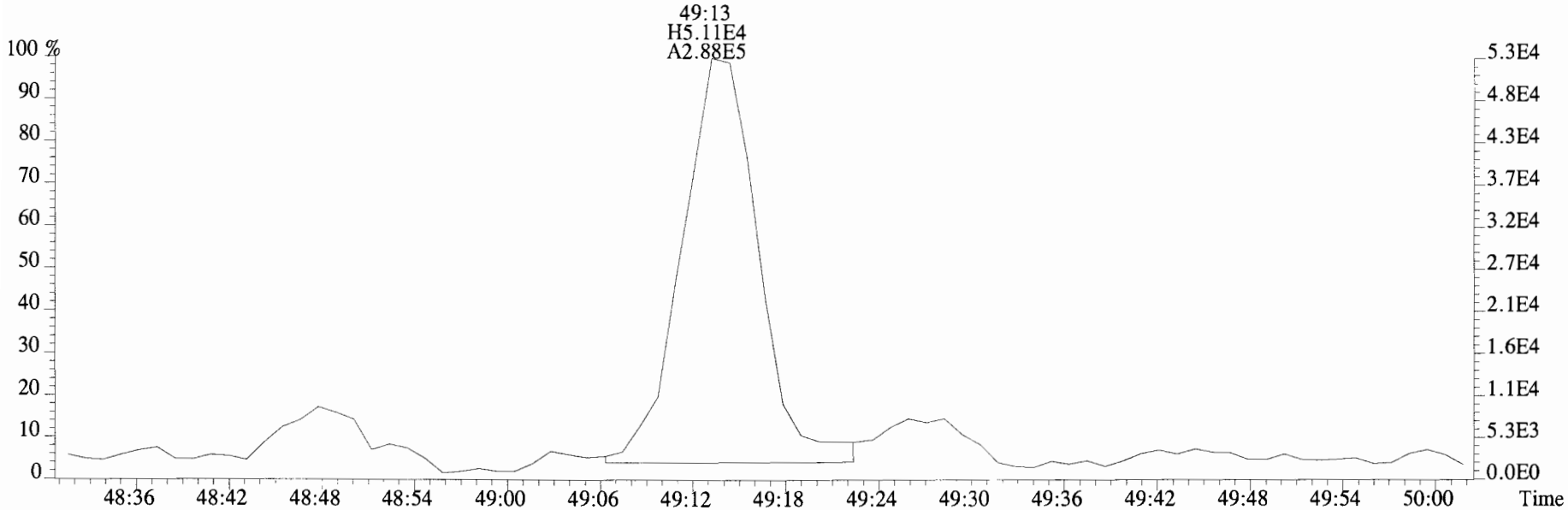
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3876.0,0.00%,F,F)



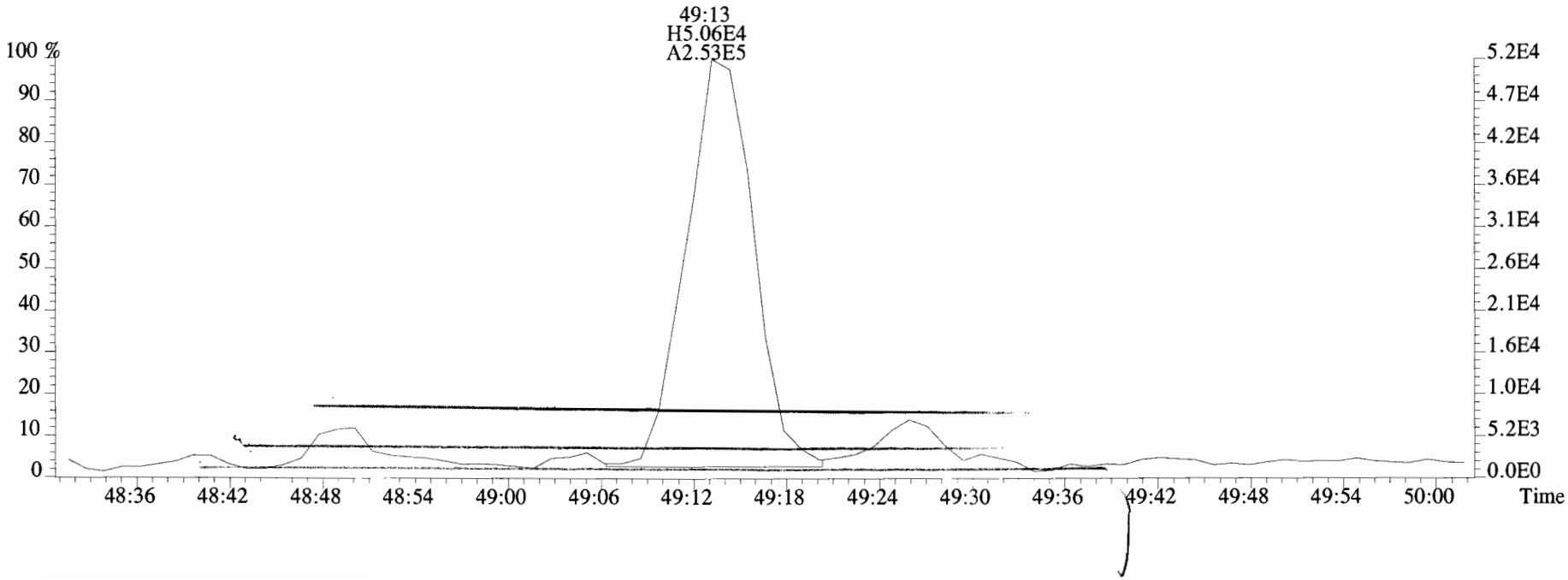
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2972.0,0.00%,F,F)



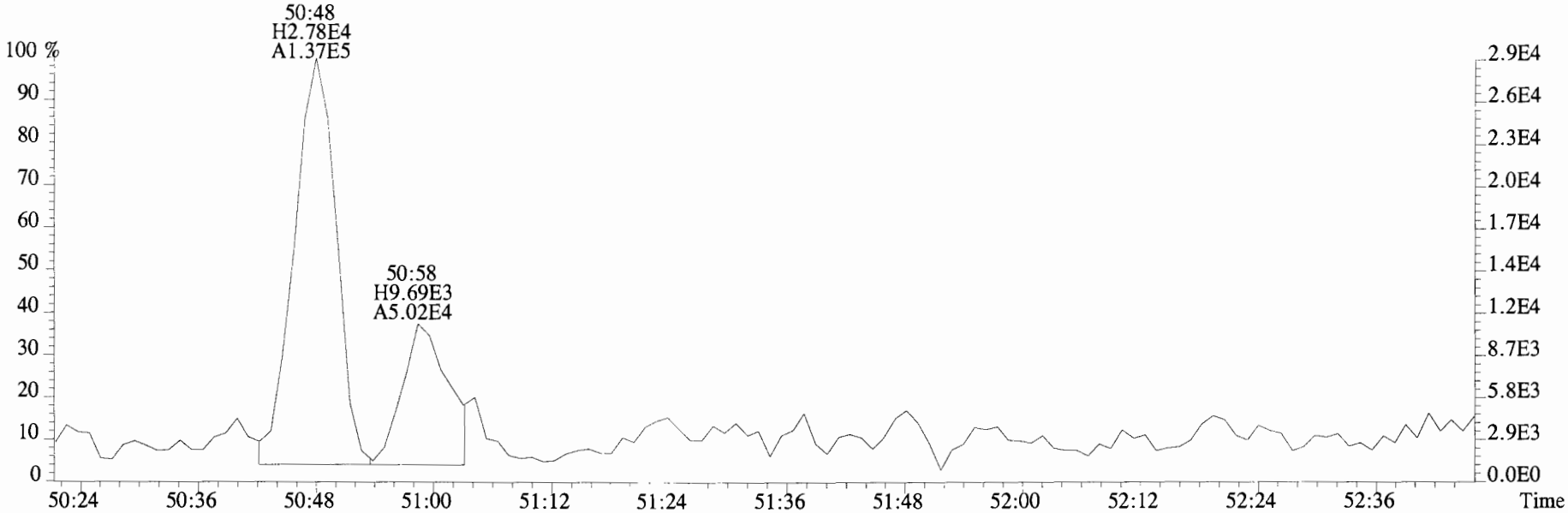
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0)



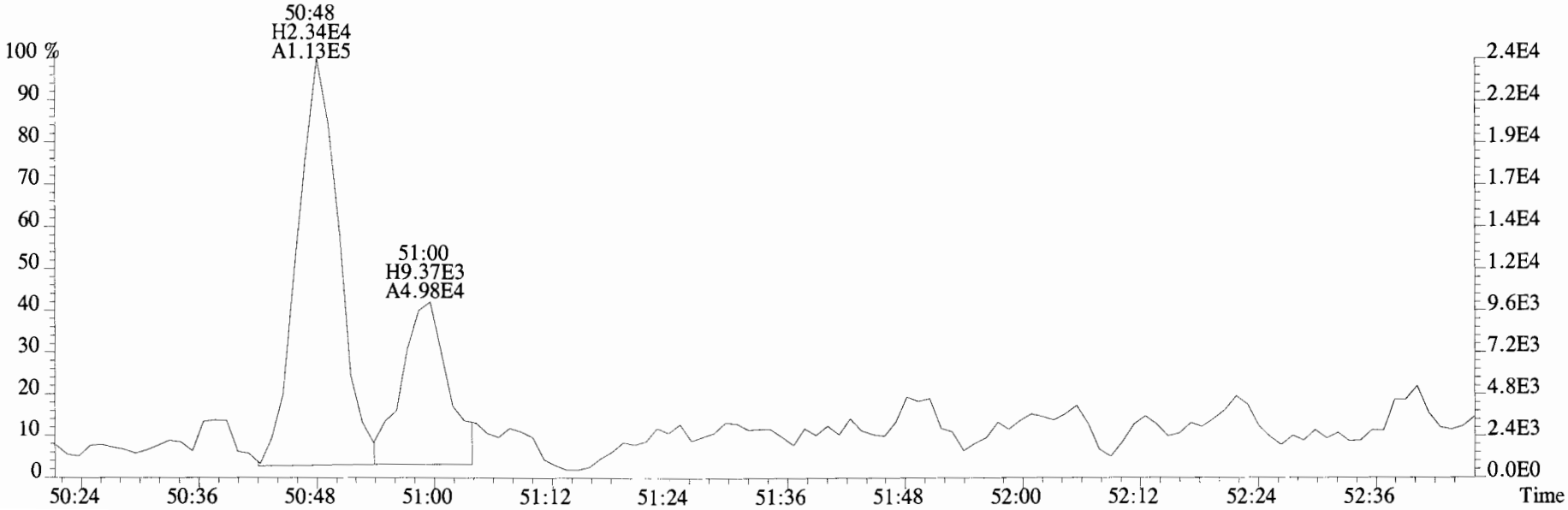
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0)



File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0)

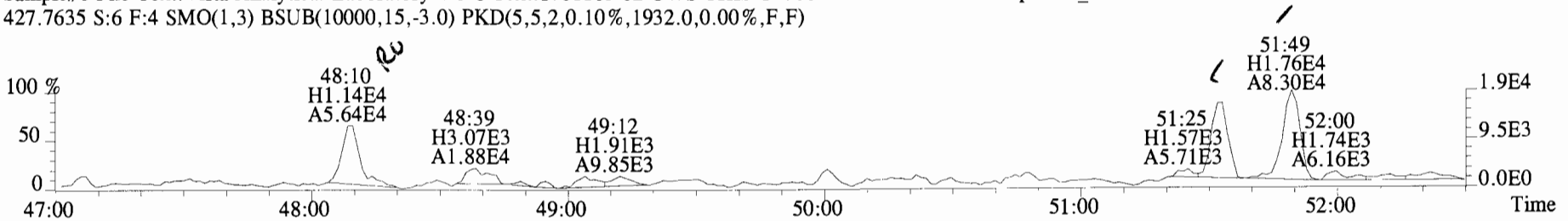


395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0)

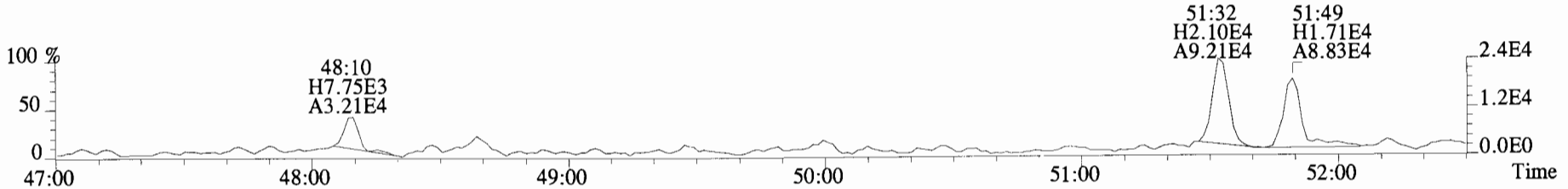


File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1

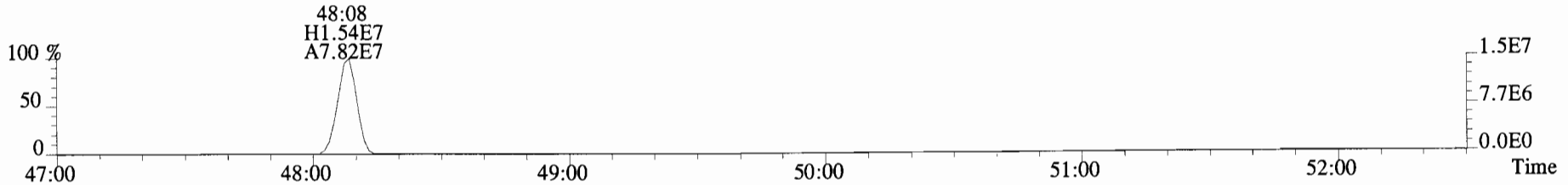
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



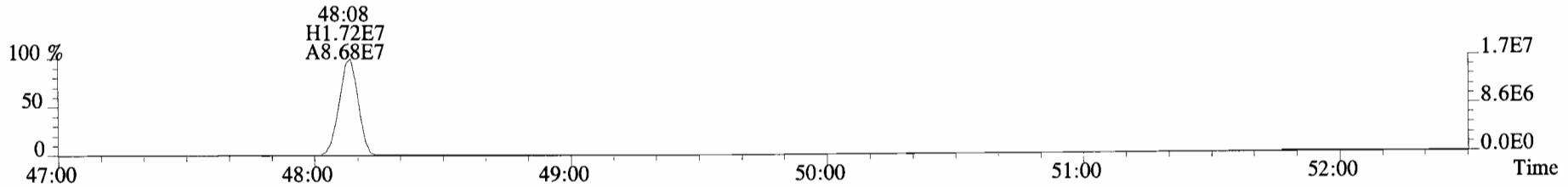
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2160.0,0.00%,F,F)



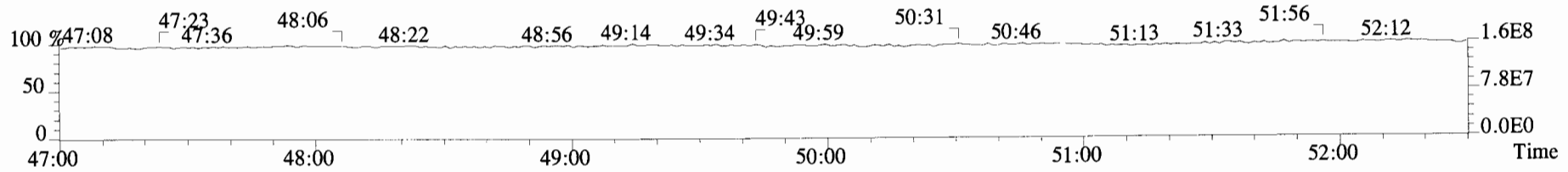
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)



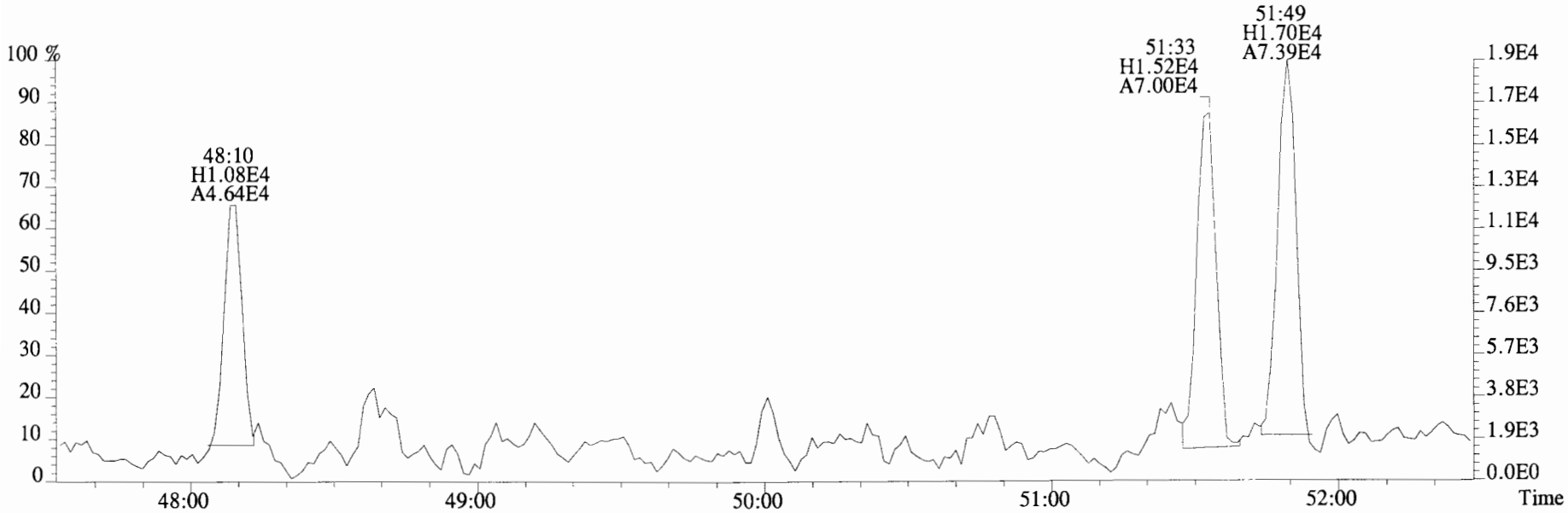
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6244.0,0.00%,F,F)



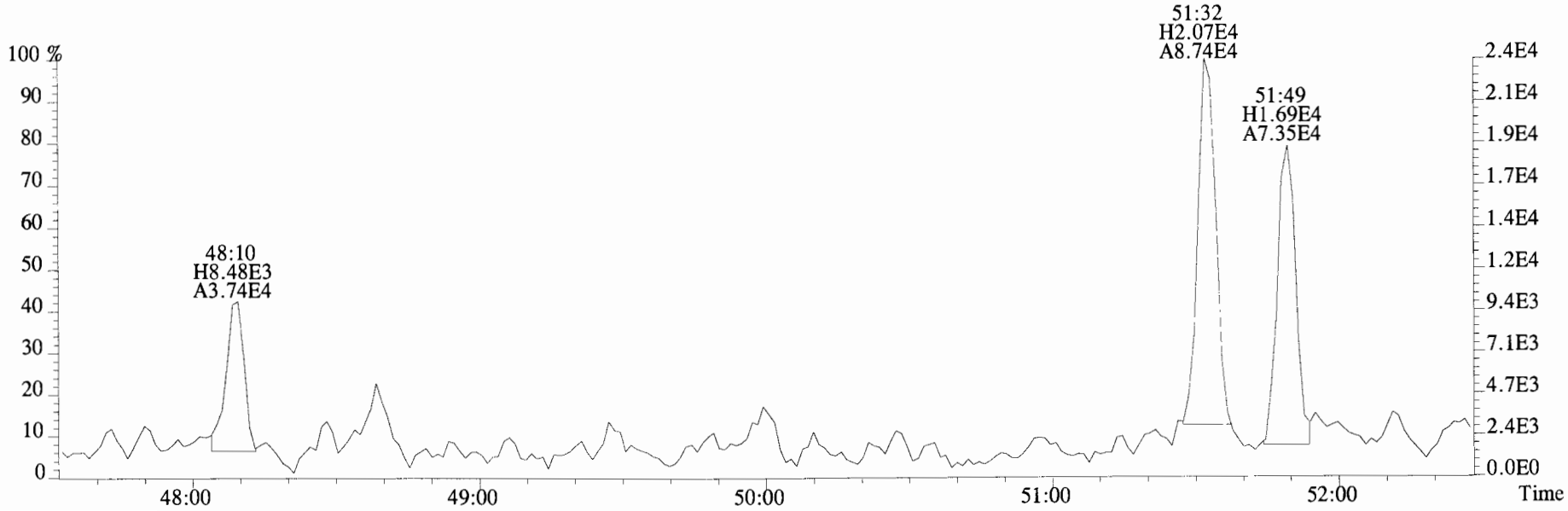
380.9760 S:6 F:4



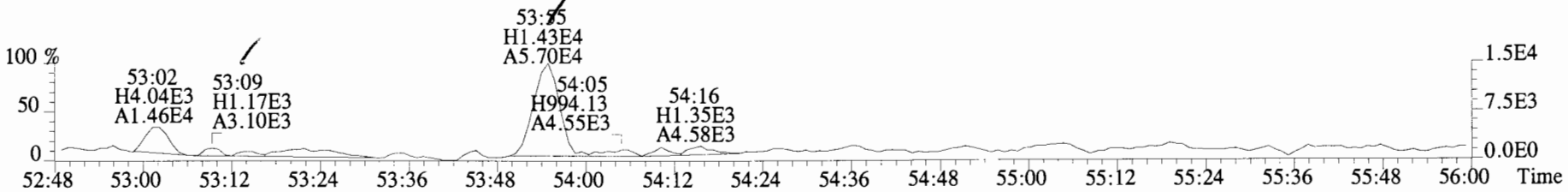
File:180118E2 #1-566 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



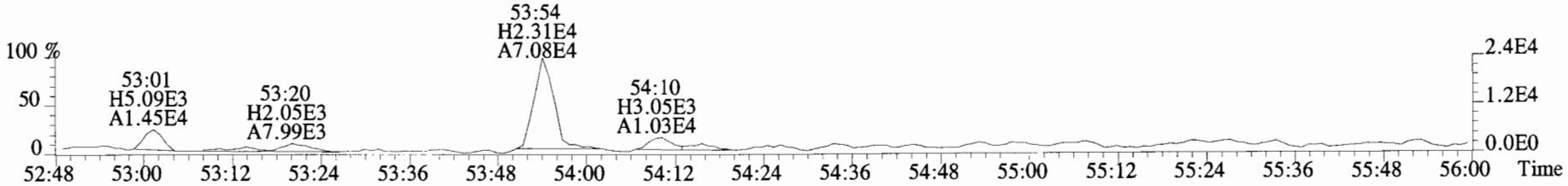
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2160.0,0.00%,F,F)



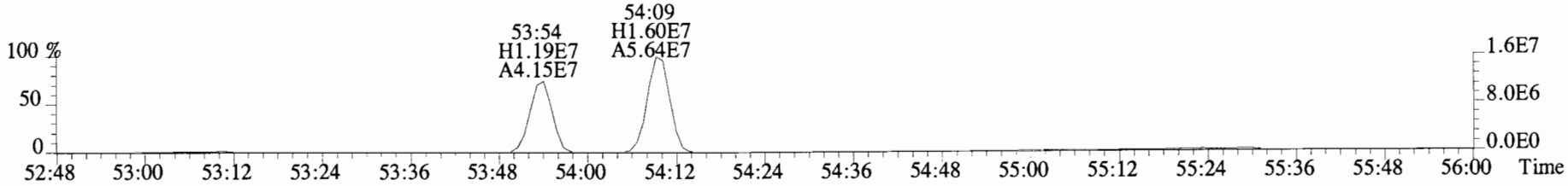
File:180118E2 #1-417 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



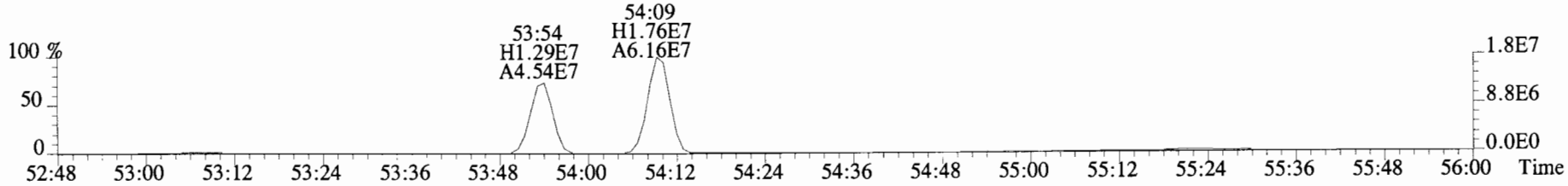
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



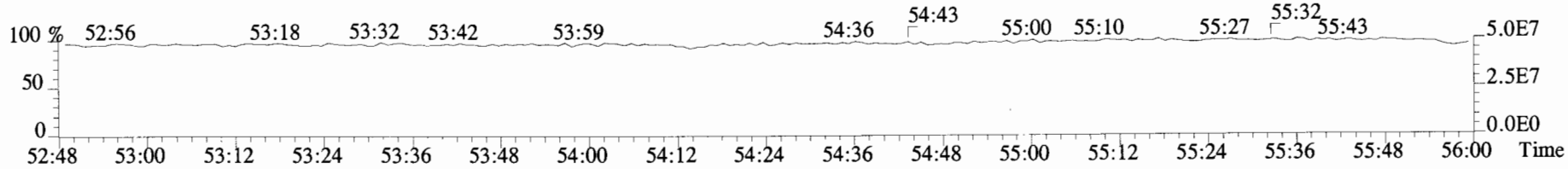
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9284.0,0.00%,F,F)



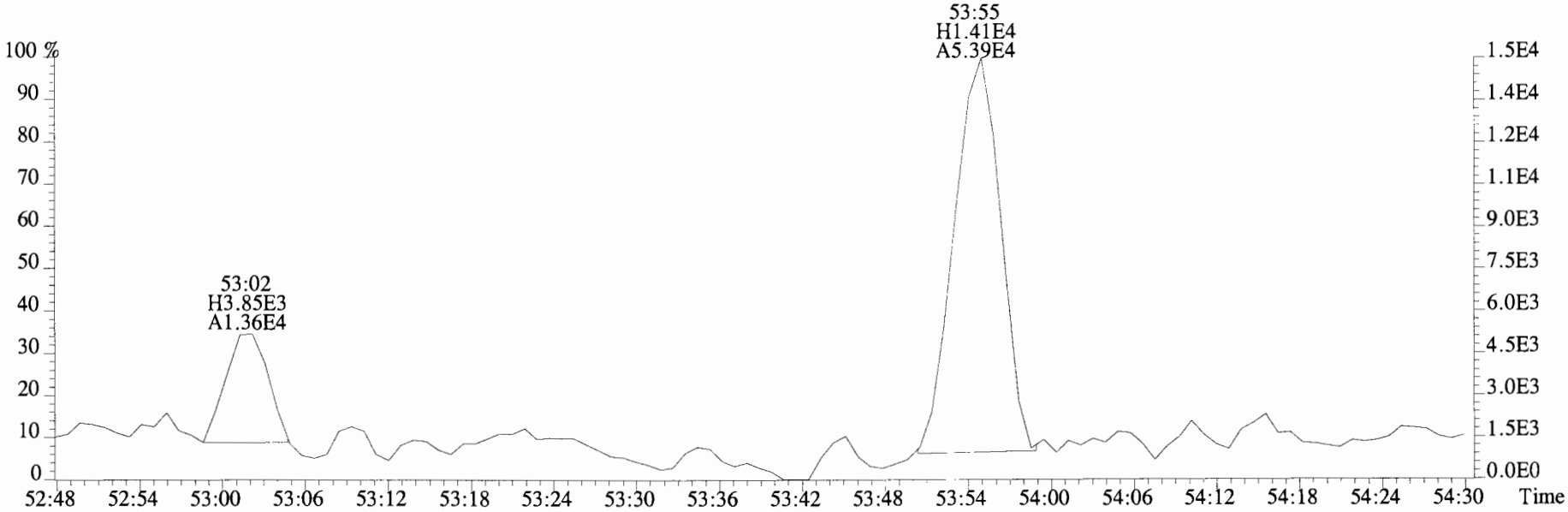
441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5544.0,0.00%,F,F)



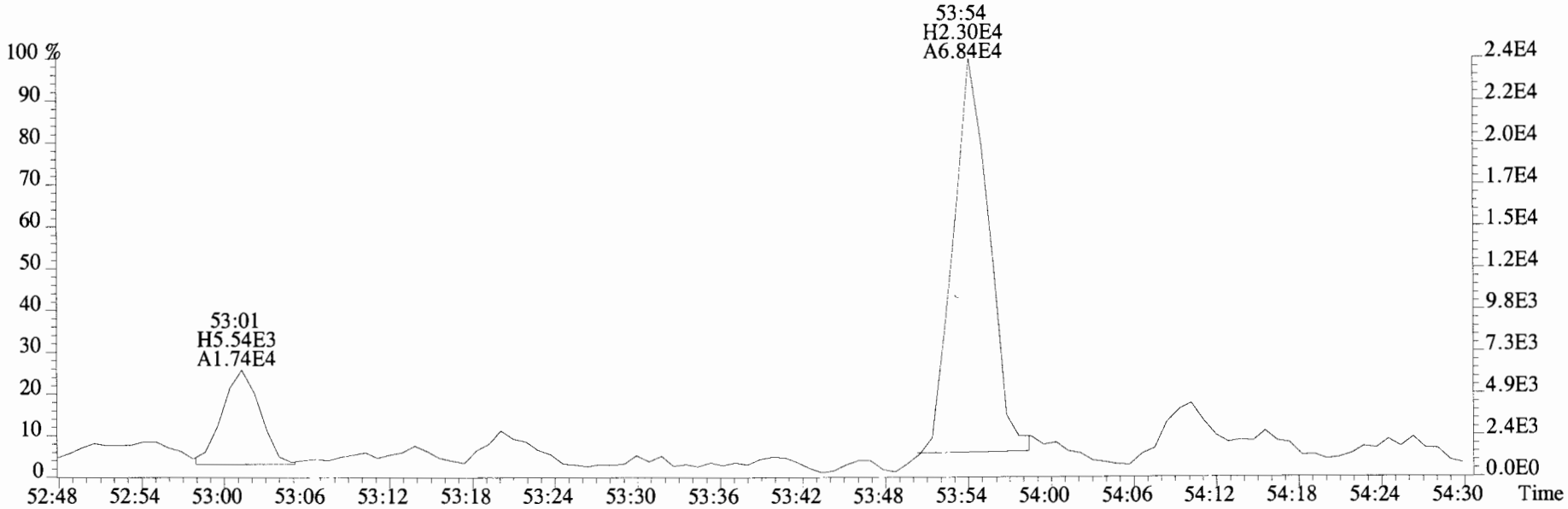
492.9697 S:6 F:5



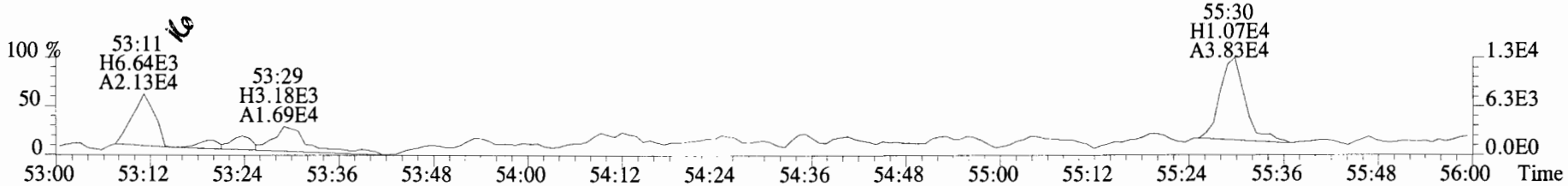
File:180118E2 #1-417 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



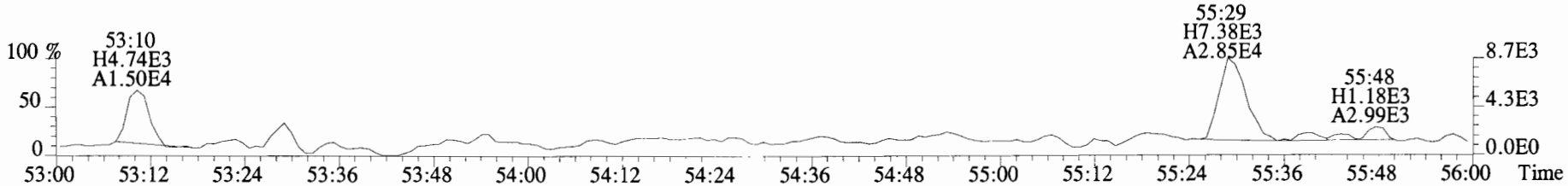
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



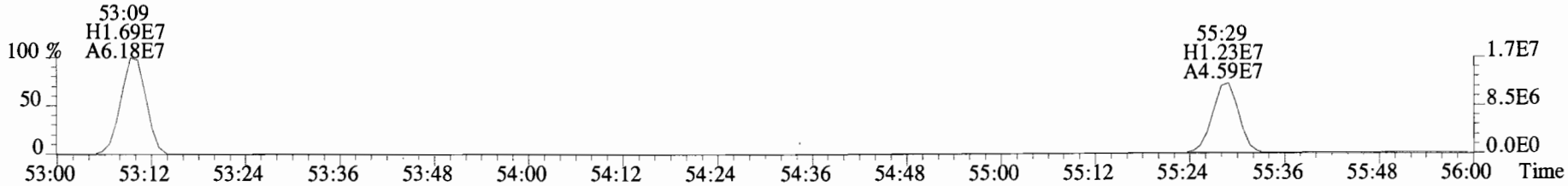
File:180118E2 #1-417 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2104.0,0.00%,F,F)



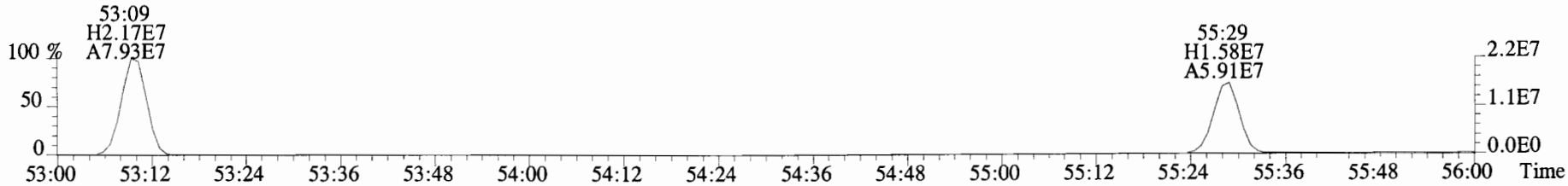
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



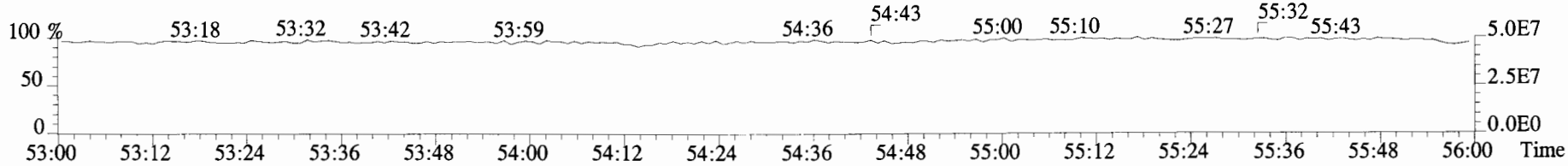
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26872.0,0.00%,F,F)



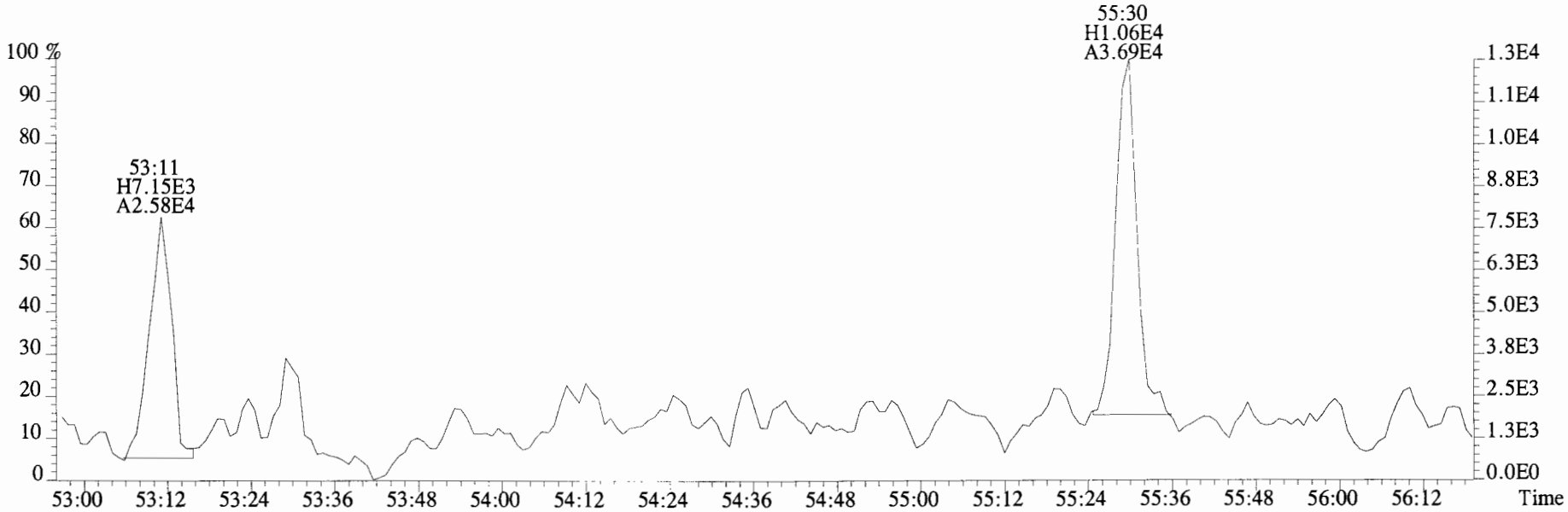
475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33624.0,0.00%,F,F)



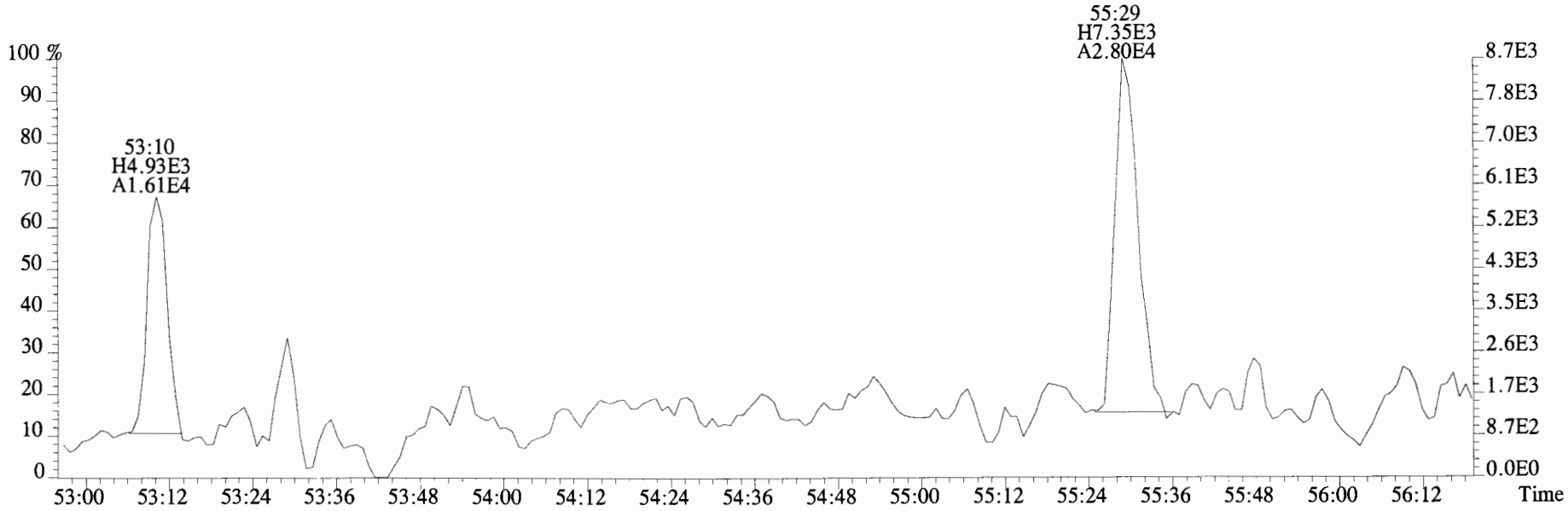
492.9697 S:6 F:5



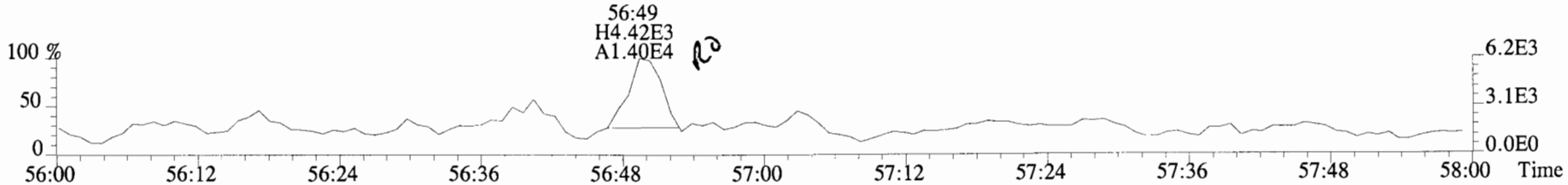
File:180118E2 #1-417 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0)



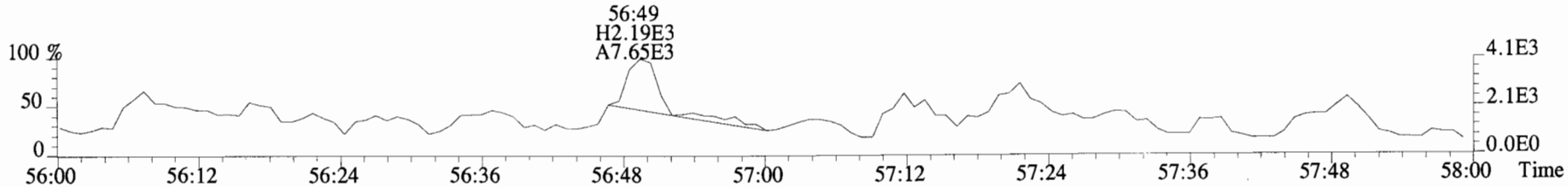
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0)



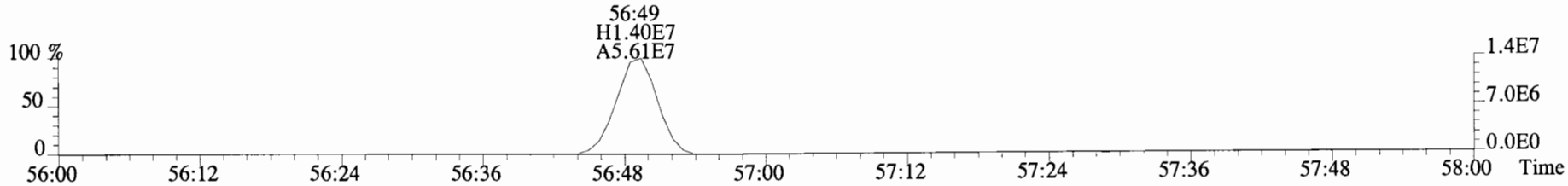
File:180118E2 #1-417 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2096.0,0.00%,F,F)



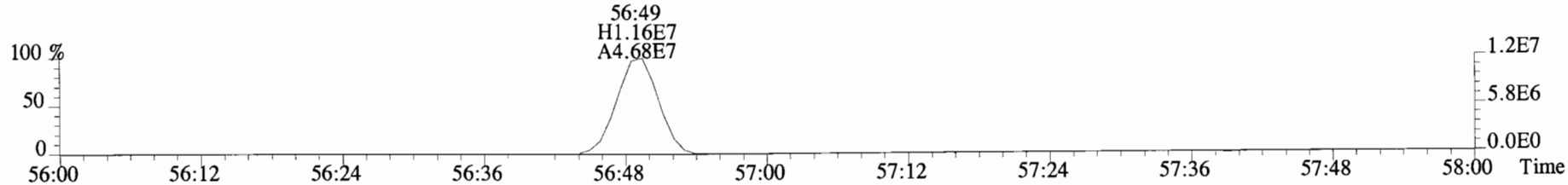
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



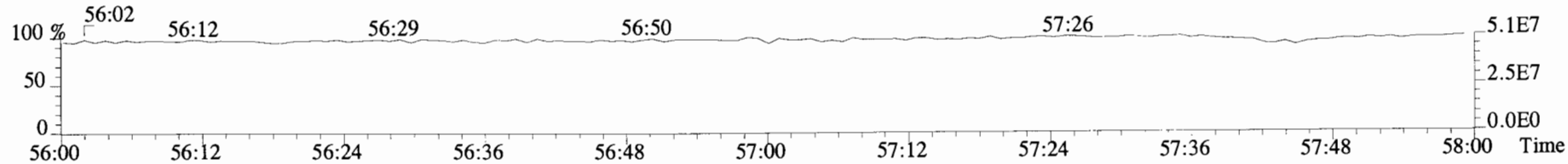
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1920.0,0.00%,F,F)



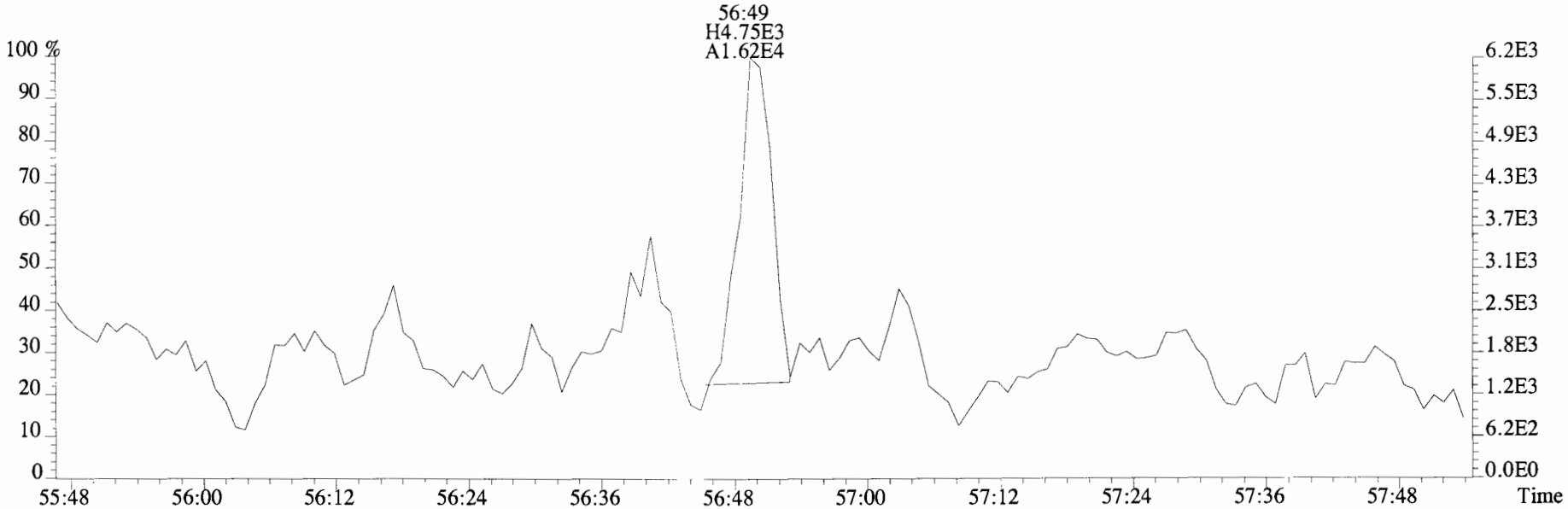
511.7199 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2208.0,0.00%,F,F)



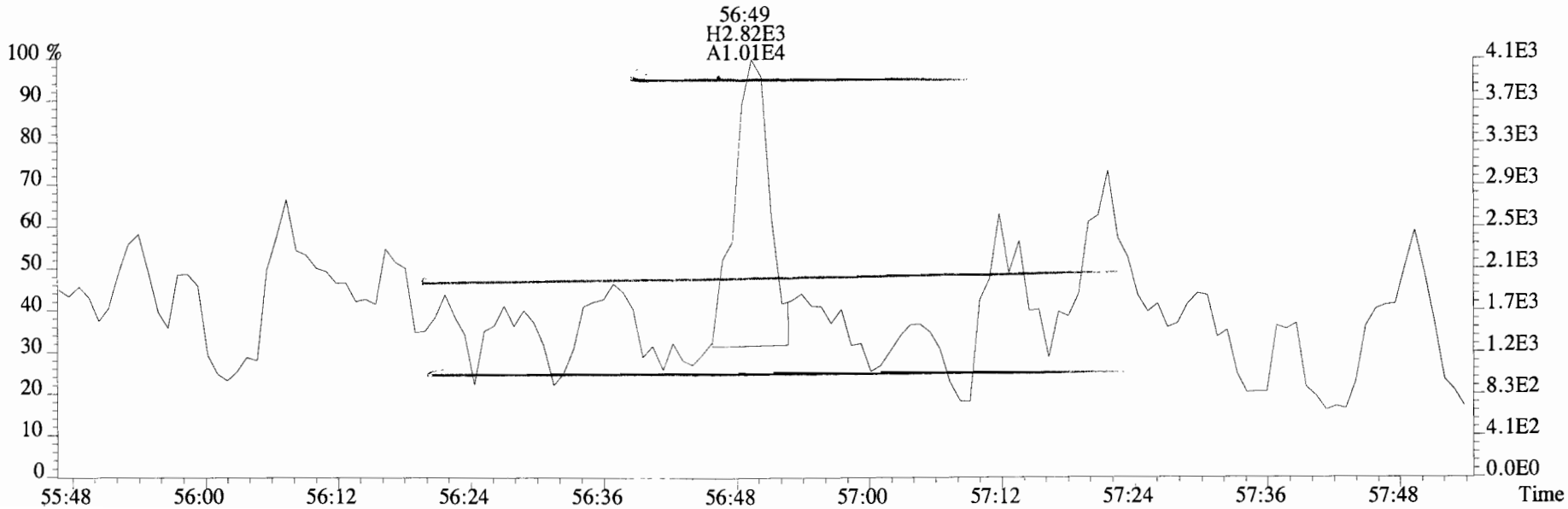
492.9697 S:6 F:5



File:180118E2 #1-417 Acq:18-JAN-2018 22:01:16 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:1701165-02 OWS-THIS-T170829140507 0.93979 Exp:PCB_ZB1
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2096.0,0.00%,F,F)



499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



Client ID: OWS-WAFO-T170829140721 Filename: 180118E2 S:7 Acq:18-JAN-18 23:06:08 ConCal: ST180118E2-1
Lab ID: 1701165-03 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.954 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Mono	PCB-1	9.08e+06	2.94	y 16:01	1.14	73.18		*	2.5	*	1.001	0.996-1.006
Mono	PCB-2	2.40e+05	2.74	y 18:24	1.09	1.838		*	2.5	*	0.988	0.983-0.993
Mono	PCB-3	2.43e+06	2.95	y 18:38	1.10	18.37		*	2.5	*	1.001	0.996-1.006
Di	PCB-4/10	3.05e+08	1.57	y 20:00	1.41	3587		*	2.5	*	1.003	0.998-1.008
Di	PCB-7/9	*	*	n NotF	1.13	*		66000	1.0	5.47	*	0.864-0.871
Di	PCB-6	2.12e+06	1.40	y 22:26	1.09	19.94		*	2.5	*	0.893	0.888-0.897
Di	PCB-5/8	6.73e+06	1.59	y 22:49	1.14	60.67		*	2.5	*	0.908	0.905-0.913
Di	PCB-14	*	*	n NotF	1.39	*		3040	2.5	0.504	*	0.948-0.958
Di	PCB-11	1.25e+06	1.54	y 25:08	1.18	10.10		*	2.5	*	1.001	0.996-1.006
Di	PCB-12/13	2.00e+06	1.40	y 25:30	1.15	16.46		*	2.5	*	1.015	1.011-1.021
Di	PCB-15	2.77e+07	1.58	y 25:50	1.26	207.8		*	2.5	*	1.029	1.023-1.033
Tri	PCB-19	1.26e+08	1.06	y 24:07	1.25	1257		*	2.5	*	1.001	0.996-1.006
Tri	PCB-30	1.39e+05	0.99	y 25:01	1.94	0.8889		*	2.5	*	1.038	1.033-1.043
Tri	PCB-18	4.48e+07	1.04	y 25:46	0.95	371.3		*	2.5	*	0.954	0.949-0.959
Tri	PCB-17	3.42e+07	1.05	y 25:56	1.03	261.4		*	2.5	*	0.960	0.955-0.965
Tri	PCB-24/27	7.59e+07	1.05	y 26:30	1.35	442.5		*	2.5	*	0.981	0.976-0.986
Tri	PCB-16/32	5.02e+07	1.05	y 27:02	1.11	356.8		*	2.5	*	1.001	0.995-1.005
Tri	PCB-34	9.19e+05	0.96	y 27:49	1.19	7.222		*	2.5	*	0.960	0.955-0.965
Tri	PCB-23	*	*	n NotF	1.24	*		3610	2.5	0.669	*	0.958-0.968
Tri	PCB-29	4.62e+04	0.78	n 28:10	1.26	0.3424	R	*	2.5	*	0.972	0.966-0.976
Tri	PCB-26	2.30e+07	1.01	y 28:22	1.23	174.5		*	2.5	*	0.979	0.974-0.984
Tri	PCB-25	4.94e+06	1.07	y 28:33	1.15	40.04		*	2.5	*	0.985	0.980-0.990
Tri	PCB-31	3.19e+07	1.09	y 28:53	1.32	225.7		*	2.5	*	0.997	0.992-1.002
Tri	PCB-28	2.45e+07	0.97	y 29:00	1.25	183.3		*	2.5	*	1.001	0.995-1.005
Tri	PCB-20/21/33	2.02e+06	1.11	y 29:40	1.20	15.74		*	2.5	*	1.024	1.017-1.027
Tri	PCB-22	2.36e+06	1.01	y 30:02	1.20	18.41		*	2.5	*	1.036	1.032-1.042
Tri	PCB-36	1.52e+05	0.95	y 30:40	1.24	1.144		*	2.5	*	0.934	0.929-0.939
Tri	PCB-39	5.12e+05	0.95	y 31:08	1.32	3.618		*	2.5	*	0.948	0.943-0.953
Tri	PCB-38	7.25e+05	1.09	y 31:55	1.18	5.761		*	2.5	*	0.972	0.966-0.976
Tri	PCB-35	2.04e+05	1.02	y 32:25	1.20	1.590		*	2.5	*	0.987	0.982-0.992
Tri	PCB-37	7.67e+06	1.06	y 32:52	1.33	53.87		*	2.5	*	1.001	0.995-1.005
Tetra	PCB-54	3.00e+06	0.78	y 27:52	1.12	24.41		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-50	6.15e+05	0.81	y 29:02	0.90	6.229		*	2.5	*	1.042	1.038-1.048
Tetra	PCB-53	2.77e+07	0.76	y 29:41	1.14	256.2		*	2.5	*	0.945	0.941-0.951
Tetra	PCB-51	6.01e+06	0.75	y 30:01	1.18	53.62		*	2.5	*	0.956	0.952-0.962
Tetra	PCB-45	8.81e+06	0.77	y 30:27	1.03	90.39		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-46	2.63e+06	0.79	y 30:57	0.98	28.29		*	2.5	*	0.986	0.981-0.991

Integrations by:

Analyst: MJ

Date: 2/5/18

Reviewed by: [illegible] Date: 2/6/18

Client ID: OWS-WAFO-T170829140721 Filename: 180118E2 S:7 Acq:18-JAN-18 23:06:08 ConCal: ST180118E2-1
Lab ID: 1701165-03 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.954 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Tetra	PCB-52/69	7.08e+07	0.77	y 31:24	1.32	564.3		*	2.5	*	1.000	0.996-1.006
Tetra	PCB-73	1.66e+06	0.76	y 31:33	1.39	12.60		*	2.5	*	1.005	1.000-1.010
Tetra	PCB-43/49	5.28e+07	0.76	y 31:42	1.14	488.5		*	2.5	*	1.010	1.005-1.015
Tetra	PCB-47	3.42e+07	0.75	y 31:55	1.04	312.8		*	2.5	*	1.001	0.996-1.006
Tetra	PCB-48/75	5.35e+06	0.78	y 32:02	1.31	38.77		*	2.5	*	1.004	0.999-1.009
Tetra	PCB-65	2.07e+05	0.66	y 32:18	1.23	1.597		*	2.5	*	1.013	1.007-1.017
Tetra	PCB-62	*	*	n NotF╗	1.27	*		3420	2.5	0.551	*	1.011-1.021
Tetra	PCB-44	2.19e+07	0.77	y 32:43	0.91	229.5		*	2.5	*	1.026	1.020-1.030
Tetra	PCB-42/59	1.41e+07	0.79	y 32:56	1.20	112.0		*	2.5	*	1.032	1.027-1.037
Tetra	PCB-41/64/71/72	4.06e+07	0.78	y 33:30	1.27	303.3		*	2.5	*	1.050	1.046-1.056
Tetra	PCB-68	1.68e+06	0.80	y 33:46	1.48	10.84		*	2.5	*	1.059	1.054-1.064
Tetra	PCB-40	3.84e+06	0.78	y 33:59	0.82	44.65		*	2.5	*	1.065	1.060-1.070
Tetra	PCB-57	5.62e+05	0.81	y 34:20	1.15	3.632		*	2.5	*	0.970	0.965-0.975
Tetra	PCB-67	1.35e+06	0.79	y 34:38	1.14	8.750		*	2.5	*	0.978	0.974-0.984
Tetra	PCB-58	1.85e+05	0.84	y 34:46	1.22	1.120		*	2.5	*	0.982	0.977-0.987
Tetra	PCB-63	3.41e+06	0.76	y 34:56	1.22	20.66		*	2.5	*	0.987	0.982-0.992
Tetra	PCB-74	1.53e+07	0.77	y 35:13	1.22	92.39		*	2.5	*	0.995	0.990-1.000
Tetra	PCB-61/70	1.90e+07	0.75	y 35:25	1.16	121.1		*	2.5	*	1.000	0.994-1.004
Tetra	PCB-76/66	2.37e+07	0.75	y 35:38	1.20	146.5		*	2.5	*	1.007	1.001-1.011
Tetra	PCB-80	*	*	n NotF╗	1.38	*		3420	2.5	0.405	*	0.995-1.005
Tetra	PCB-55	3.81e+05	0.80	y 36:08	1.26	2.213		*	2.5	*	1.008	1.004-1.014
Tetra	PCB-56/60	1.33e+07	0.79	y 36:39	1.16	83.99		*	2.5	*	1.023	1.018-1.028
Tetra	PCB-79	2.74e+05	0.86	y 37:44	1.24	1.617		*	2.5	*	1.053	1.047-1.057
Tetra	PCB-78	*	*	n NotF╗	1.13	*		3420	2.5	0.470	*	0.982-0.992
Tetra	PCB-81	*	*	n NotF╗	1.27	*		24000	1.0	1.18	*	0.995-1.005
Tetra	PCB-77	2.09e+06	0.80	y 39:32	1.32	11.49		*	2.5	*	1.000	0.995-1.005
Penta	PCB-104	8.23e+04	1.69	y 32:33	1.37	0.6058		*	2.5	*	1.001	0.996-1.006
Penta	PCB-96	8.92e+05	1.57	y 33:48	1.18	7.585		*	2.5	*	1.039	1.034-1.044
Penta	PCB-103	8.04e+05	1.62	y 34:21	1.12	7.208		*	2.5	*	1.056	1.051-1.061
Penta	PCB-100	6.62e+05	1.64	y 34:43	1.10	6.078		*	2.5	*	1.067	1.062-1.072
Penta	PCB-94	9.71e+05	1.36	y 35:11	1.16	9.678		*	2.5	*	0.986	0.981-0.991
Penta	PCB-95/98/102	1.75e+07	1.56	y 35:43	1.31	154.7		*	2.5	*	1.000	0.994-1.004
Penta	PCB-93	*	*	n NotF╗	1.08	*		3340	2.5	1.14	*	0.997-1.007
Penta	PCB-88/91	5.16e+06	1.50	y 36:07	1.20	49.99		*	2.5	*	1.012	1.005-1.015
Penta	PCB-121	*	*	n NotF╗	1.85	*		3340	2.5	0.664	*	1.009-1.019
Penta	PCB-84/92	9.70e+06	1.61	y 37:02	1.22	89.37		*	2.5	*	0.991	0.985-0.995
Penta	PCB-89	2.59e+05	1.65	y 37:13	1.18	2.452		*	2.5	*	0.996	0.990-1.000

Analyst: MJ

Date: 2/5/18

Client ID: OWS-WAFO-T170829140721 Filename: 180118E2 S:7 Acq:18-JAN-18 23:06:08 ConCal: ST180118E2-1

Lab ID: 1701165-03 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.954 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Penta	PCB-90/101	1.26e+07	1.59	y 37:24	1.38	102.5		*	2.5	*	1.000	0.995-1.005
Penta	PCB-113	2.20e+05	1.39	y 37:37	1.52	1.628		*	2.5	*	1.006	1.002-1.012
Penta	PCB-99	7.52e+06	1.58	y 37:44	1.48	57.15		*	2.5	*	1.009	1.004-1.014
Penta	PCB-119	8.62e+05	1.36	y 38:11	2.12	5.090		*	2.5	*	0.987	0.982-0.992
Penta	PCB-108/112	1.52e+06	1.51	y 38:21	1.59	11.94		*	2.5	*	0.991	0.986-0.996
Penta	PCB-83	*	*	n NotF┐	1.90	*		3340	2.5	0.739	*	0.991-1.001
Penta	PCB-97	3.47e+06	1.57	y 38:42	1.50	28.94		*	2.5	*	1.000	0.995-1.005
Penta	PCB-86	8.89e+04	1.42	y 38:51	1.19	0.9336		*	2.5	*	1.004	0.999-1.009
Penta	PCB-87/117/125	5.93e+06	1.55	y 38:59	1.76	42.09		*	2.5	*	1.008	1.002-1.012
Penta	PCB-111/115	2.84e+05	1.45	y 39:08	2.09	1.705		*	2.5	*	1.012	1.007-1.017
Penta	PCB-85/116	2.82e+06	1.48	y 39:15	1.53	23.05		*	2.5	*	1.015	1.010-1.020
Penta	PCB-120	1.46e+05	1.40	y 39:28	2.19	0.8345		*	2.5	*	1.020	1.016-1.026
Penta	PCB-110	1.86e+07	1.59	y 39:39	1.87	124.7		*	2.5	*	1.025	1.020-1.030
Penta	PCB-82	1.41e+06	1.56	y 40:16	0.88	14.30		*	2.5	*	0.976	0.971-0.981
Penta	PCB-124	4.50e+05	1.69	y 40:56	1.46	2.749		*	2.5	*	0.992	0.988-0.998
Penta	PCB-107/109	1.24e+06	1.61	y 41:06	1.47	7.500		*	2.5	*	0.996	0.991-1.001
Penta	PCB-123	2.45e+05	1.65	y 41:15	1.48	1.477		*	2.5	*	1.000	0.996-1.006
Penta	PCB-106/118	1.00e+07	1.64	y 41:26	1.45	59.81		*	2.5	*	1.000	0.996-1.006
Penta	PCB-114	2.53e+05	1.57	y 42:05	1.39	2.214		*	2.5	*	1.000	0.995-1.005
Penta	PCB-122	1.38e+05	1.75	y 42:13	1.21	1.388		*	2.5	*	1.003	0.999-1.009
Penta	PCB-105	3.43e+06	1.62	y 42:57	1.44	29.28		*	2.5	*	1.000	0.995-1.005
Penta	PCB-127	*	*	n NotF┐	1.19	*		2780	2.5	0.858	*	0.995-1.005
Penta	PCB-126	*	*	n NotF┐	1.33	*		3440	1.0	0.423	*	0.995-1.005
Hexa	PCB-155	*	*	n NotF┐	1.42	*		3220	2.5	0.560	*	0.966-1.006
Hexa	PCB-150	*	*	n NotF┐	1.32	*		3220	2.5	0.602	*	1.029-1.039
Hexa	PCB-152	*	*	n NotF┐	1.30	*		6100	1.0	0.465	*	1.042-1.052
Hexa	PCB-145	*	*	n NotF┐	1.27	*		3220	2.5	0.625	*	1.054-1.064
Hexa	PCB-136	1.93e+06	1.20	y 39:26	1.30	13.05		*	2.5	*	1.068	1.063-1.073
Hexa	PCB-148	6.07e+04	1.21	y 39:34	0.94	0.5660		*	2.5	*	1.071	1.066-1.076
Hexa	PCB-154	3.51e+05	1.32	y 40:02	1.04	2.968		*	2.5	*	1.084	1.079-1.089
Hexa	PCB-151	2.34e+06	1.16	y 40:41	0.97	21.29		*	2.5	*	1.102	1.095-1.107
Hexa	PCB-135	1.57e+06	1.23	y 40:54	0.99	13.88		*	2.5	*	1.107	1.101-1.113
Hexa	PCB-144	1.21e+05	1.30	y 41:00	0.99	1.074		*	2.5	*	1.110	1.105-1.116
Hexa	PCB-147	5.18e+05	1.38	y 41:08	0.89	5.134		*	2.5	*	1.114	1.108-1.120
Hexa	PCB-139/149	5.59e+06	1.26	y 41:23	1.03	47.82		*	2.5	*	1.120	1.115-1.127
Hexa	PCB-140	1.19e+05	1.12	y 41:34	0.97	1.079		*	2.5	*	1.125	1.120-1.132
Hexa	PCB-134/143	6.15e+05	1.30	y 42:02	0.93	6.164		*	2.5	*	0.976	0.970-0.980

Analyst: JM

Date: 2/5/18

Client ID: OWS-WAFO-T170829140721 Filename: 180118E2 S:7 Acq:18-JAN-18 23:06:08 ConCal: ST180118E2-1
Lab ID: 1701165-03 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.954 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hexa	PCB-131/133	4.81e+05	1.14	y 42:19	0.92	4.871		*	2.5	*	0.982	0.977-0.987
Hexa	PCB-142	*	*	n NotF╗	0.86	*		3960	2.5	1.23	*	0.980-0.990
Hexa	PCB-146/165	1.55e+06	1.22	y 42:42	1.12	12.95		*	2.5	*	0.991	0.986-0.996
Hexa	PCB-132/161	2.21e+06	1.30	y 42:58	1.13	18.25		*	2.5	*	0.997	0.992-1.002
Hexa	PCB-153	5.22e+06	1.24	y 43:07	1.16	42.18		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-168	*	*	n NotF╗	1.41	*		3960	2.5	0.755	*	1.000-1.010
Hexa	PCB-141	7.20e+05	1.39	y 43:50	1.24	6.445		*	2.5	*	1.000	0.996-1.006
Hexa	PCB-137	2.63e+05	1.30	y 44:14	1.25	2.324		*	2.5	*	1.009	1.004-1.014
Hexa	PCB-130	5.25e+05	1.19	y 44:19	1.07	5.441		*	2.5	*	1.011	1.006-1.016
Hexa	PCB-138/163/164	7.91e+06	1.21	y 44:42	1.36	59.27		*	2.5	*	1.001	0.996-1.006
Hexa	PCB-158/160	6.21e+05	1.37	y 44:55	1.46	4.351		*	2.5	*	1.006	1.001-1.011
Hexa	PCB-129	2.10e+05	1.13	y 45:11	1.01	2.120		*	2.5	*	1.012	1.007-1.017
Hexa	PCB-166	*	*	n NotF╗	1.23	*		3960	2.5	0.789	*	0.988-0.998
Hexa	PCB-159	*	*	n NotF╗	1.31	*		3960	2.5	0.743	*	0.995-1.005
Hexa	PCB-128/162	1.10e+06	1.17	y 46:14	1.09	8.674		*	2.5	*	1.006	1.002-1.012
Hexa	PCB-167	2.38e+05	1.12	y 46:39	1.29	1.575		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-156	6.75e+05	1.21	y 47:56	1.32	4.357		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-157	1.83e+05	1.19	y 48:12	1.34	1.172		*	2.5	*	1.000	0.995-1.005
Hexa	PCB-169	*	*	n NotF╗	1.21	*		3960	2.5	0.800	*	0.995-1.005
Hepta	PCB-188	*	*	n NotF╗	1.61	*		3150	2.5	0.408	*	0.995-1.005
Hepta	PCB-184	*	*	n NotF╗	1.46	*		3150	2.5	0.449	*	1.006-1.016
Hepta	PCB-179	8.16e+05	0.95	y 43:57	1.49	6.203		*	2.5	*	1.029	1.024-1.034
Hepta	PCB-176	1.89e+05	1.10	y 44:25	1.58	1.348		*	2.5	*	1.040	1.035-1.045
Hepta	PCB-186	*	*	n NotF╗	1.54	*		3150	2.5	0.426	*	1.049-1.059
Hepta	PCB-178	6.66e+05	1.05	y 45:31	1.16	6.500		*	2.5	*	1.066	1.061-1.071
Hepta	PCB-175	*	*	n NotF╗	1.17	*		3150	2.5	0.558	*	1.069-1.079
Hepta	PCB-182/187	1.91e+06	1.00	y 46:01	1.25	17.22		*	2.5	*	1.077	1.073-1.083
Hepta	PCB-183	4.26e+05	1.01	y 46:22	1.32	3.637		*	2.5	*	1.085	1.080-1.090
Hepta	PCB-185	7.31e+04	1.04	y 47:01	1.67	0.6595		*	2.5	*	0.956	0.951-0.961
Hepta	PCB-174	7.91e+05	0.94	y 47:22	1.53	7.781		*	2.5	*	0.963	0.958-0.968
Hepta	PCB-181	*	*	n NotF╗	1.59	*		3150	2.5	0.560	*	0.960-0.970
Hepta	PCB-177	6.77e+05	0.95	y 47:39	1.48	6.897		*	2.5	*	0.968	0.964-0.974
Hepta	PCB-171	1.89e+05	0.90	y 47:57	1.71	1.666		*	2.5	*	0.975	0.969-0.979
Hepta	PCB-173	*	*	n NotF╗	1.40	*		3150	2.5	0.637	*	0.978-0.988
Hepta	PCB-172	1.72e+05	1.21	y 48:50	1.61	1.611		*	2.5	*	0.993	0.987-0.997
Hepta	PCB-192	*	*	n NotF╗	2.08	*		3150	2.5	0.429	*	0.991-1.001
Hepta	PCB-180	1.57e+06	1.10	y 49:13	1.67	14.21		*	2.5	*	1.000	0.995-1.005

Analyst: MN

Date: 2/5/18

Client ID: OWS-WAFO-T170829140721 Filename: 180118E2 S:7 Acq:18-JAN-18 23:06:08 ConCal: ST180118E2-1
Lab ID: 1701165-03 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.954 EndCAL: NA

Type	Name	Resp	RA	RT	RRF	Conc	Qual	noise	Fac	DL	RRT	LCL UCL
Hepta	PCB-193	1.08e+05	1.01	y 49:25	2.18	0.7440		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-191	*	*	n NotF╗	2.22	*		3150	2.5	0.401	*	1.005-1.015
Hepta	PCB-170	6.68e+05	0.95	y 50:48	1.83	6.136		*	2.5	*	1.000	0.995-1.005
Hepta	PCB-190	2.18e+05	1.13	y 50:58	2.48	1.480		*	2.5	*	1.004	0.999-1.009
Hepta	PCB-189	*	*	n NotF╗	1.82	*		3150	2.5	0.327	*	0.995-1.005
Octa	PCB-202	3.69e+05	1.02	y 48:10	1.15	3.111		*	2.5	*	1.001	0.995-1.005
Octa	PCB-201	1.10e+05	0.81	y 48:37	1.25	0.8531		*	2.5	*	1.010	1.005-1.015
Octa	PCB-204	*	*	n NotF╗	1.21	*		2490	2.5	0.471	*	1.009-1.019
Octa	PCB-197	*	*	n NotF╗	1.34	*		2490	2.5	0.426	*	1.015-1.025
Octa	PCB-200	1.02e+05	0.99	y 49:59	1.22	0.8172		*	2.5	*	1.038	1.034-1.044
Octa	PCB-198	*	*	n NotF╗	0.90	*		4820	1.0	0.490	*	1.064-1.074
Octa	PCB-199	7.59e+05	0.92	y 51:32	0.85	8.710		*	2.5	*	1.071	1.067-1.077
Octa	PCB-196/203	6.06e+05	0.82	y 51:49	0.96	6.133		*	2.5	*	1.077	1.072-1.082
Octa	PCB-195	1.19e+05	0.94	y 53:01	1.12	1.943		*	2.5	*	0.984	0.979-0.989
Octa	PCB-194	3.24e+05	0.89	y 53:55	1.26	4.726		*	2.5	*	1.000	0.995-1.005
Octa	PCB-205	*	*	n NotF╗	1.59	*		2080	2.5	0.397	*	1.000-1.010
Nona	PCB-208	2.32e+05	1.51	y 53:10	1.09	2.430		*	2.5	*	1.000	0.995-1.005
Nona	PCB-207	5.42e+04	1.43	y 53:29	1.10	0.5648		*	2.5	*	1.006	1.001-1.011
Nona	PCB-206	3.54e+05	1.44	y 55:29	0.94	5.859		*	2.5	*	1.000	0.995-1.005
Deca	PCB-209	2.15e+05	1.32	y 56:50	1.44	2.349		*	2.5	*	1.000	0.995-1.005

Analyst: MI

Date: 2/5/18

Client ID: OWS-WAFO-T170829140721 Filename: 180118E2 S:7 Acq:18-JAN-18 23:06:08 ConCal: ST180118E2-1
Lab ID: 1701165-03 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 0.954 EndCAL: NA

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	1.18e+07	2.94 y	16:01	1.11	93.3844	
Total Di-PCB	3.45e+08	1.57 y	20:00	1.19	3901.69	
Total Tri-PCB	3.31e+08	1.06 y	24:07	1.27	2689.83	
Total Tri-PCB	9.89e+07	0.96 y	27:49	1.23	730.801	Sum:3420.63
Total Tetra-PCB	3.76e+08	0.78 y	27:52	1.17	3071.45	
Total Penta-PCB	1.03e+08	1.69 y	32:33	1.37	814.000	
Total Penta-PCB	3.82e+06	1.57 y	42:05	1.31	32.8804	Sum:846.881
Total Hexa-PCB	1.26e+07	1.20 y	39:26	1.10	106.856	
Total Hexa-PCB	2.25e+07	1.30 y	42:02	1.17	180.152	Sum:287.008
Total Hepta-PCB	8.48e+06	0.95 y	43:57	1.55	76.0922	
Total Octa-PCB	1.95e+06	1.02 y	48:10	1.09	19.6248	
Total Octa-PCB	4.42e+05	0.94 y	53:01	1.33	6.66859	Sum:26.2934
Total Nona-PCB	6.40e+05	1.51 y	53:10	1.05	8.85429	
Total Deca-PCB	2.15e+05	1.32 y	56:50	1.44	2.34894	

Total PCB Conc:11734.9760260

Integrations by Analyst: MJ

Date: 2/5/18

Client ID: OWS-WAFO-T170829140721 Filename: 180118E2 S:7 Acq:18-JAN-18 23:06:08 ConCal: ST180118E2-1
Lab ID: 1701165-03 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol.0.9541 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-1	2.29e+08	3.13 y	1.24	16:00	0.619	0.616-0.622	1320	62.9
13C-PCB-3	2.51e+08	3.14 y	1.25	18:37	0.721	0.717-0.725	1430	68.2
13C-PCB-4	1.26e+08	1.56 y	0.66	19:57	0.772	0.768-0.776	1360	65.1
13C-PCB-9	2.04e+08	1.54 y	0.98	21:45	0.842	0.838-0.846	1480	70.7
13C-PCB-11	2.21e+08	1.54 y	0.95	25:07	0.972	0.968-0.978	1650	78.8
13C-PCB-19	1.69e+08	1.06 y	0.64	24:06	0.933	0.928-0.938	1890	90.1
13C-PCB-28	2.24e+08	1.04 y	0.98	28:59	1.004	0.999-1.009	2090	99.6
13C-PCB-32	2.67e+08	1.06 y	0.90	27:01	1.046	1.041-1.051	2100	100
13C-PCB-37	2.24e+08	1.07 y	0.95	32:51	1.138	1.131-1.144	2140	102
13C-PCB-47	2.20e+08	0.78 y	0.85	31:54	0.870	0.867-0.875	1780	85.0
13C-PCB-52	1.99e+08	0.79 y	0.77	31:24	0.857	0.853-0.861	1760	83.9
13C-PCB-54	2.30e+08	0.79 y	0.99	27:51	0.760	0.757-0.765	1590	75.9
13C-PCB-70	2.83e+08	0.80 y	1.00	35:24	0.966	0.961-0.971	1940	92.7
13C-PCB-77	2.88e+08	0.80 y	0.96	39:31	1.078	1.073-1.083	2070	98.8
13C-PCB-80	2.86e+08	0.79 y	1.00	35:50	0.978	0.973-0.983	1960	93.3
13C-PCB-81	2.97e+08	0.78 y	1.00	38:55	1.062	1.057-1.067	2030	96.9
13C-PCB-95	1.81e+08	1.56 y	0.81	35:42	0.913	0.908-0.918	1850	88.4
13C-PCB-97	1.68e+08	1.61 y	0.70	38:41	0.989	0.984-0.994	1990	95.0
13C-PCB-101	1.87e+08	1.59 y	0.80	37:23	0.956	0.951-0.961	1940	92.6
13C-PCB-104	2.08e+08	1.57 y	1.03	32:32	0.832	0.828-0.836	1680	80.0
13C-PCB-105	1.71e+08	1.57 y	1.16	42:56	0.929	0.924-0.934	1670	79.9
13C-PCB-114	1.72e+08	1.59 y	1.17	42:05	0.911	0.905-0.915	1680	80.2
13C-PCB-118	2.42e+08	1.59 y	0.99	41:25	1.059	1.054-1.064	2030	96.7
13C-PCB-123	2.35e+08	1.58 y	0.95	41:15	1.055	1.049-1.059	2050	97.9
13C-PCB-126	1.69e+08	1.60 y	1.16	45:10	0.977	0.972-0.982	1670	79.5
13C-PCB-127	1.86e+08	1.58 y	1.25	43:17	0.937	0.931-0.941	1690	80.7
13C-PCB-138	2.05e+08	1.27 y	1.15	44:40	0.966	0.961-0.971	2040	97.2
13C-PCB-141	1.89e+08	1.27 y	1.08	43:50	0.948	0.943-0.953	2000	95.5
13C-PCB-153	2.24e+08	1.26 y	1.28	43:05	0.932	0.928-0.938	1990	95.0
13C-PCB-155	2.38e+08	1.26 y	0.75	36:56	0.944	0.939-0.949	2640	126
13C-PCB-156	2.47e+08	1.28 y	1.37	47:55	1.037	1.032-1.042	2040	97.5
13C-PCB-157	2.45e+08	1.27 y	1.38	48:11	1.043	1.038-1.048	2020	96.6
13C-PCB-159	2.43e+08	1.26 y	1.38	45:57	0.994	0.989-0.999	2010	95.9
13C-PCB-167	2.46e+08	1.26 y	1.39	46:38	1.009	1.004-1.014	2010	96.0
13C-PCB-169	2.44e+08	1.27 y	1.38	50:23	1.090	1.085-1.095	2020	96.4
13C-PCB-170	1.25e+08	0.46 y	0.84	50:47	1.103	1.097-1.109	2150	103
13C-PCB-180	1.39e+08	0.46 y	0.96	49:12	1.068	1.063-1.073	2090	99.7
13C-PCB-188	1.86e+08	0.45 y	1.39	42:43	0.928	0.923-0.933	1930	92.2
13C-PCB-189	1.67e+08	0.45 y	1.12	52:22	1.137	1.132-1.144	2150	103
13C-PCB-194	1.14e+08	0.91 y	0.76	53:54	0.995	0.990-1.000	2130	102
13C-PCB-202	2.16e+08	0.90 y	1.21	48:08	1.045	1.040-1.050	2570	123
13C-PCB-206	1.35e+08	0.78 y	0.78	55:29	1.024	1.019-1.029	2470	118
13C-PCB-208	1.83e+08	0.77 y	1.08	53:10	0.982	0.976-0.986	2430	116
13C-PCB-209	1.33e+08	1.18 y	0.73	56:49	1.049	1.043-1.053	2600	124

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	3.02e+08	0.79 y	1.02	37:42	1.029	1.024-1.034	2040	97.1
13C-PCB-178	1.35e+08	0.46 y	0.90	45:31	0.985	0.980-0.990	2150	103

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	3.02e+08	0.79 y	1.01	37:42	0.969	0.963-0.973	2100	100
13C-PCB-178	1.35e+08	0.46 y	0.94	45:31	0.925	0.920-0.930	2160	103

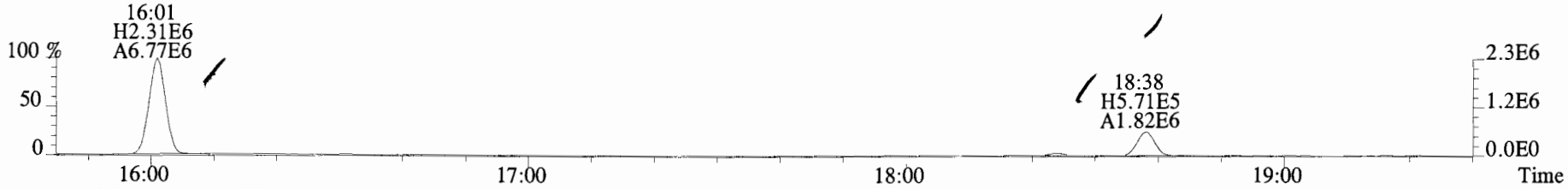
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	2.95e+08	1.54 y	1.00	25:50	2100
13C-PCB-31	2.31e+08	1.05 y	1.00	28:52	2100
13C-PCB-60	3.05e+08	0.79 y	1.00	36:39	2100
13C-PCB-111	2.52e+08	1.58 y	1.00	39:07	2100
13C-PCB-128	1.84e+08	1.27 y	1.00	46:13	2100
13C-PCB-182	1.45e+08	0.45 y	1.00	46:03	2100
13C-PCB-205	1.47e+08	0.90 y	1.00	54:10	2100

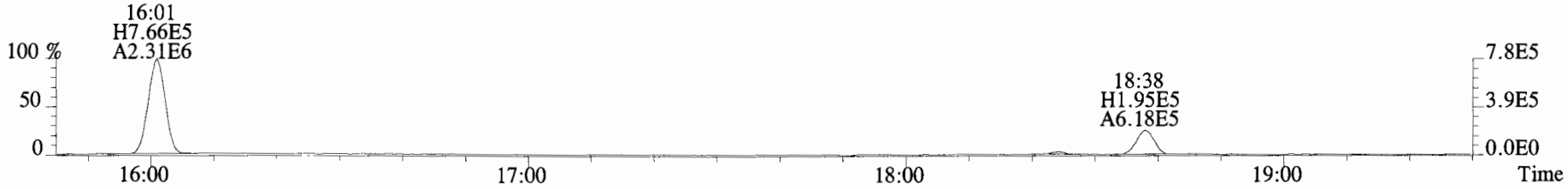
Analyst: MN

Date: 2/5/18

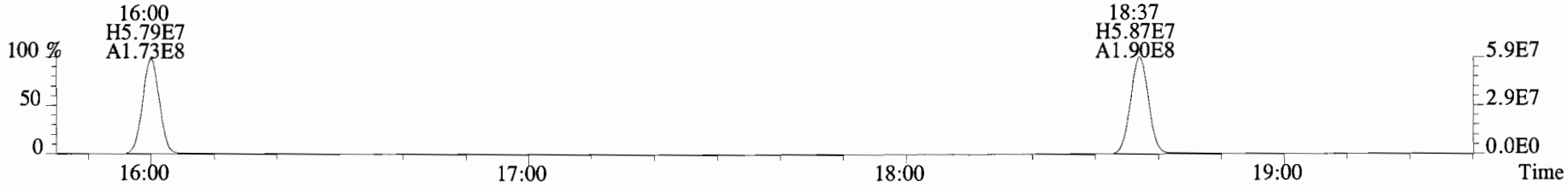
File:180118E2 #1-866 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14720.0,0.00%,F,F)



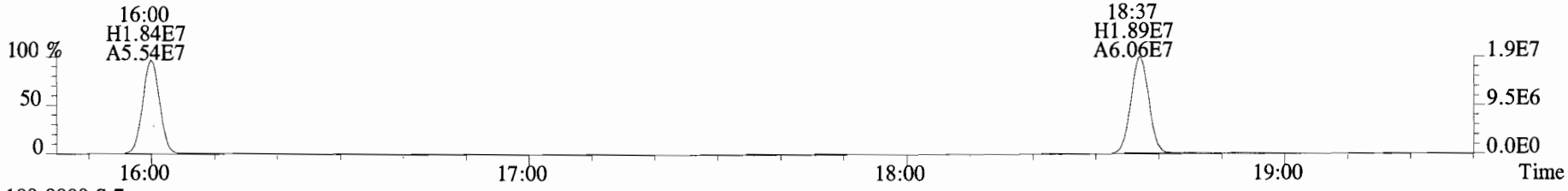
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10432.0,0.00%,F,F)



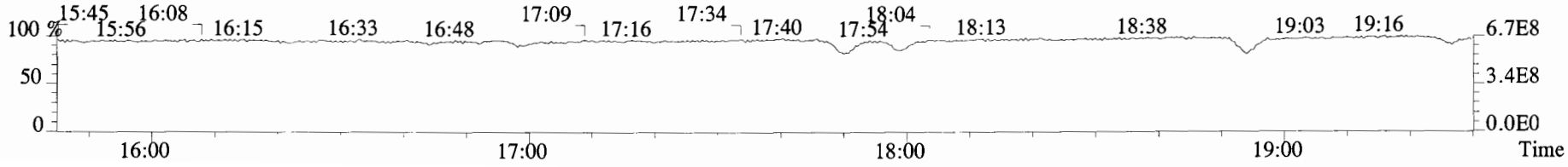
200.0795 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12480.0,0.00%,F,F)



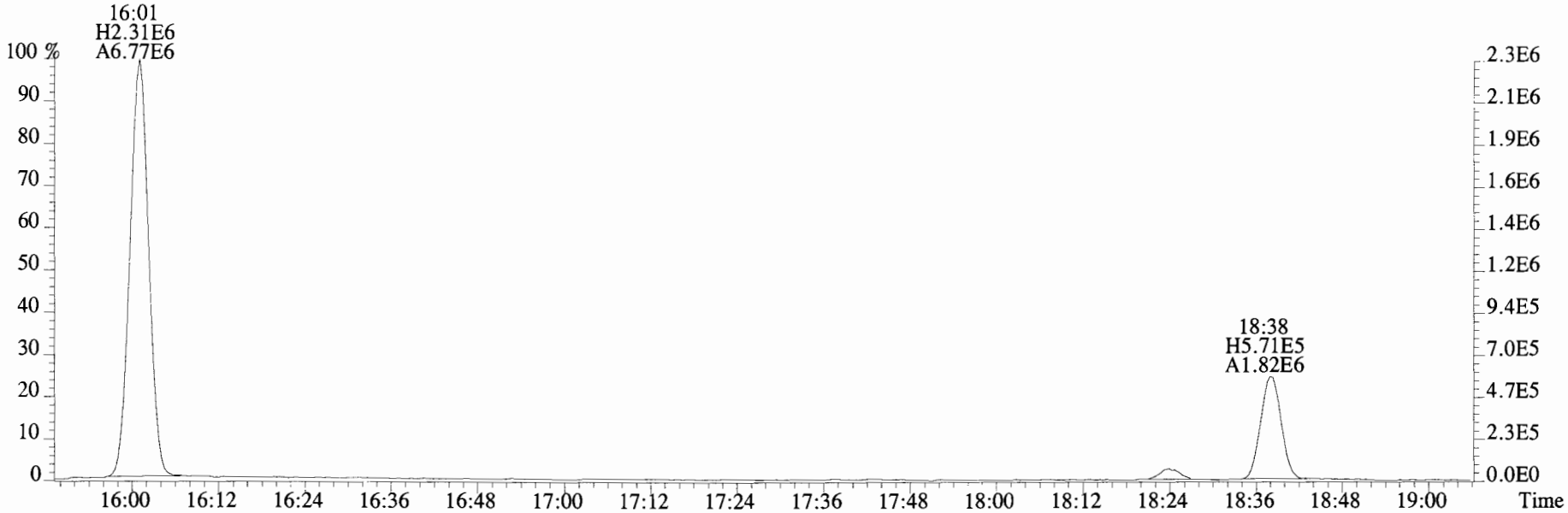
202.0766 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45376.0,0.00%,F,F)



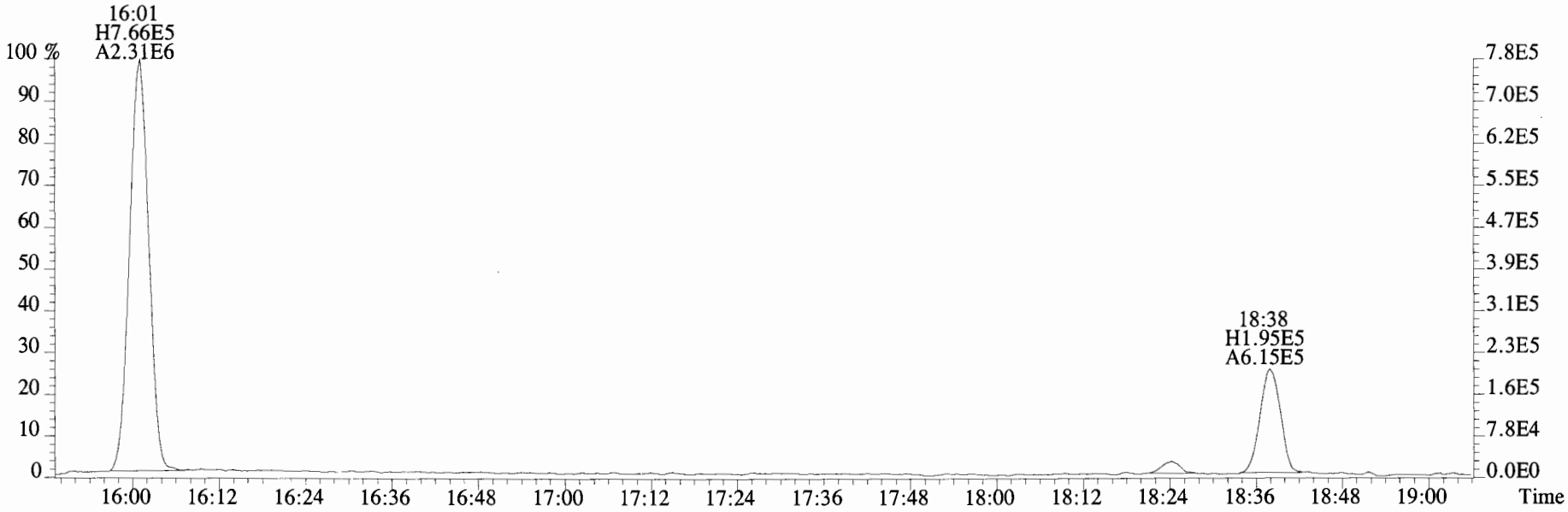
180.9880 S:7



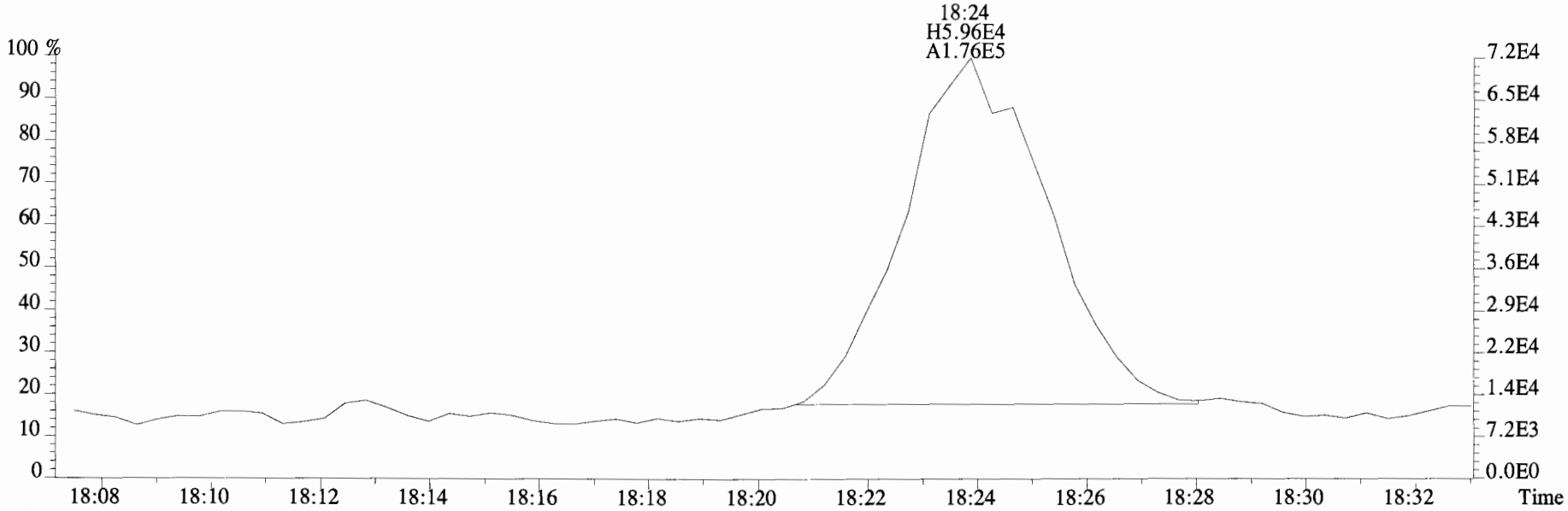
File:180118E2 #1-866 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14720.0,0.00%,F,F)



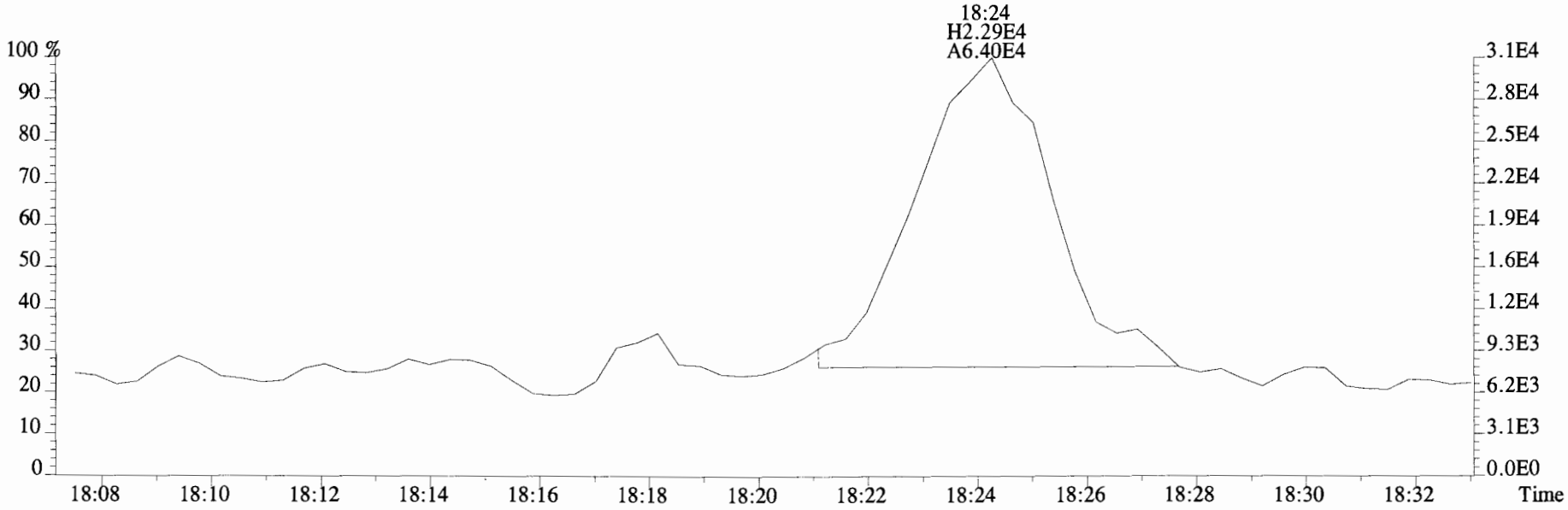
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10432.0,0.00%,F,F)



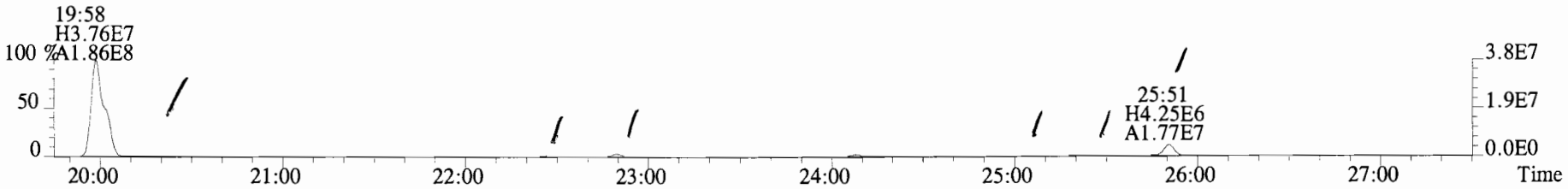
File:180118E2 #1-866 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
188.0393 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14720.0,0.00%,F,F)



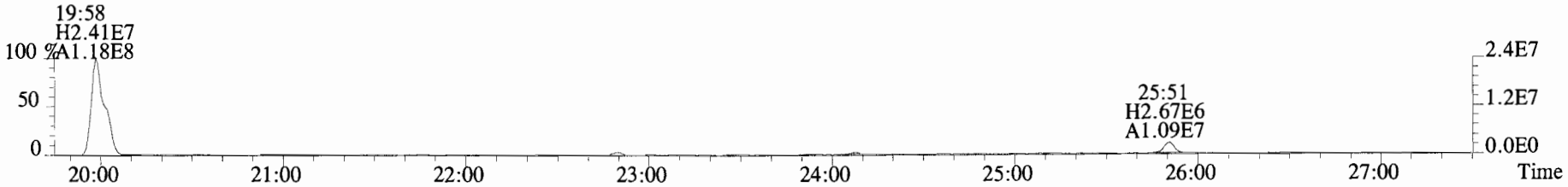
190.0363 S:7 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10432.0,0.00%,F,F)



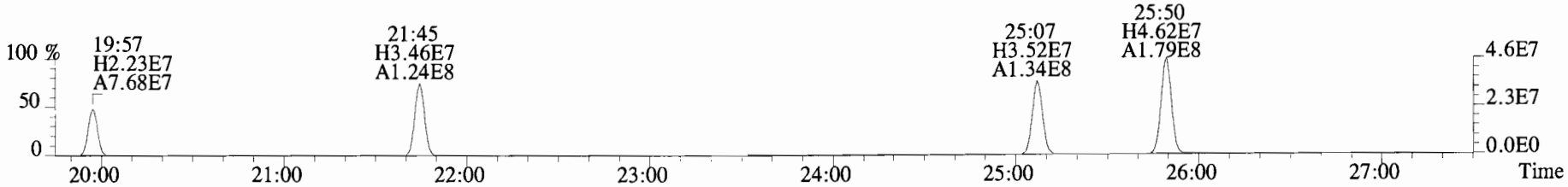
File:180118E2 #1-757 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7024.0,0.00%,F,F)



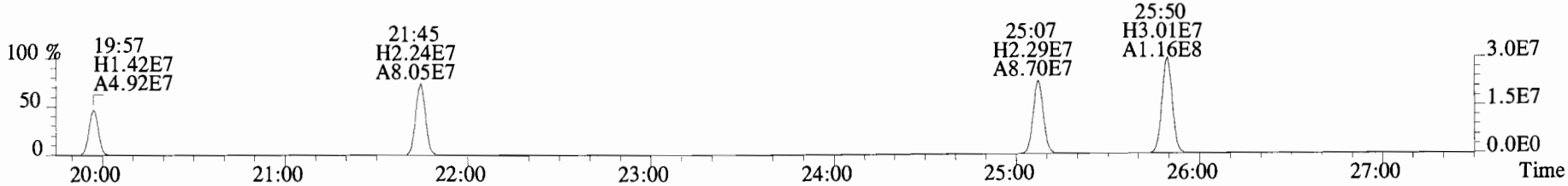
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,91780.0,0.00%,F,F)



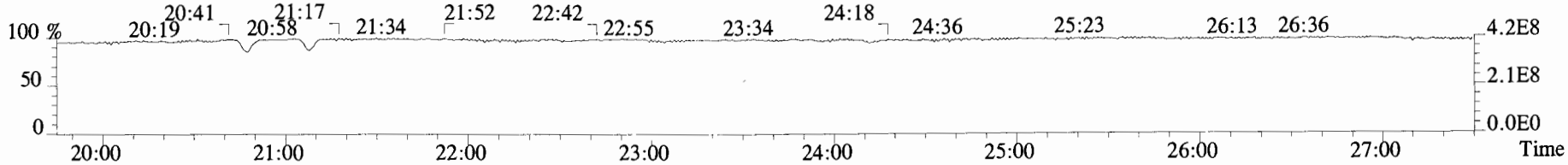
234.0406 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12156.0,0.00%,F,F)



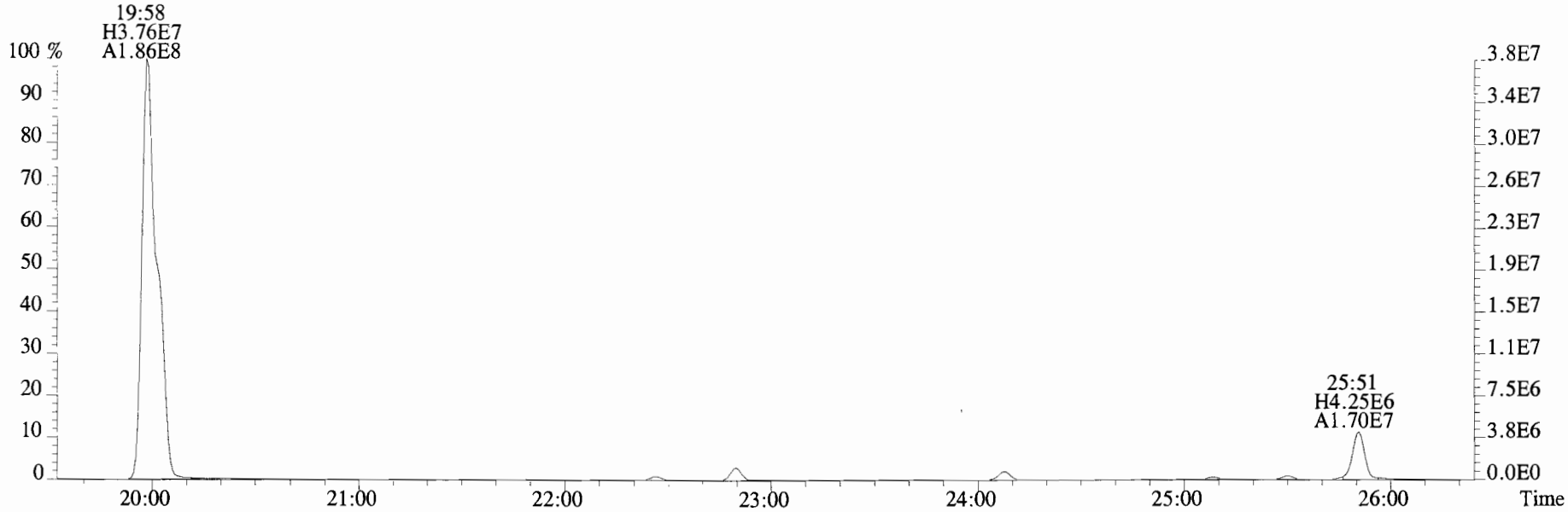
236.0376 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8168.0,0.00%,F,F)



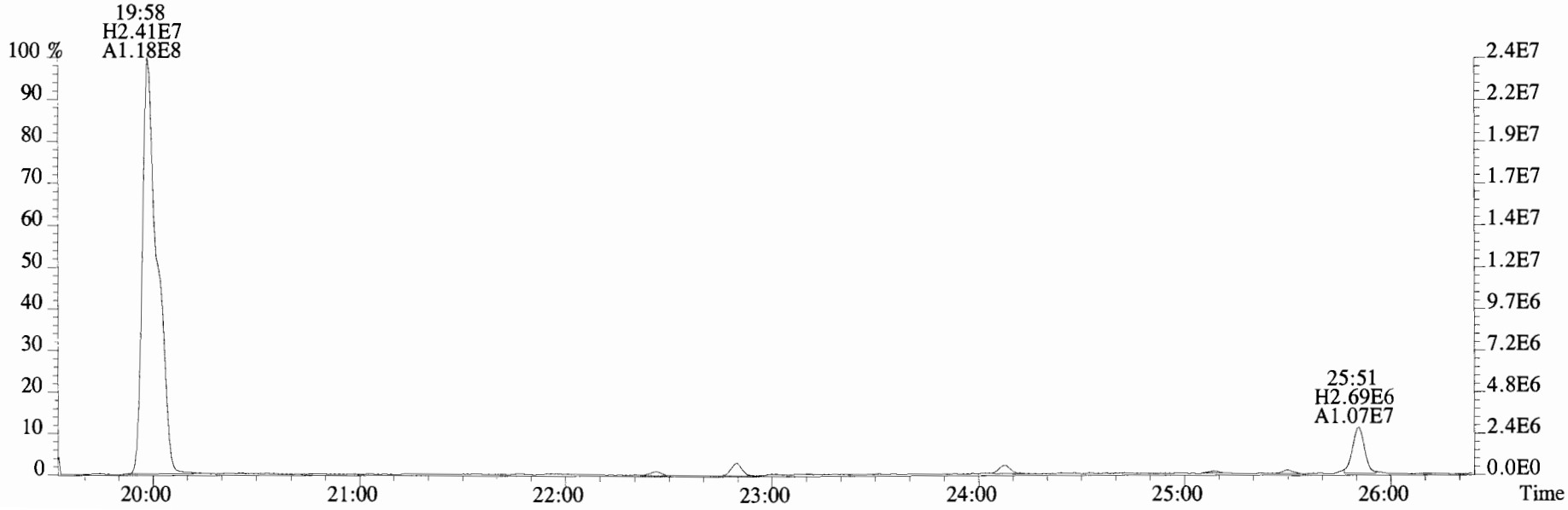
230.9856 S:7 F:2



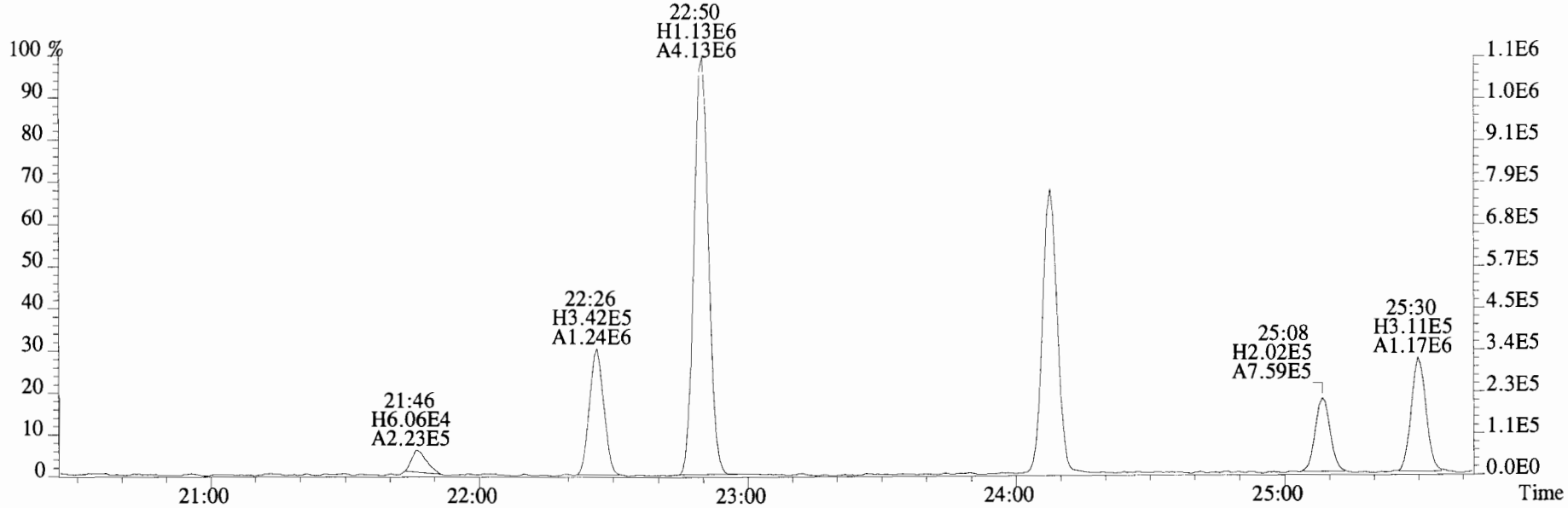
File:180118E2 #1-757 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7024.0,0.00%,F,F)



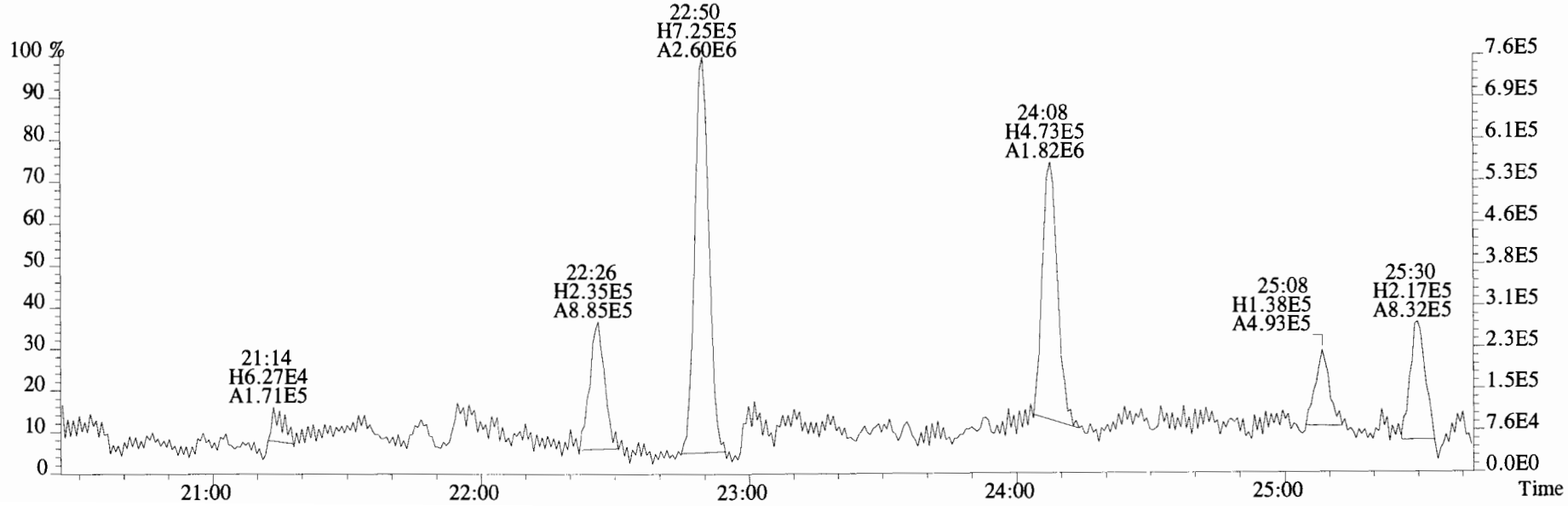
223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,91780.0,0.00%,F,F)



File:180118E2 #1-757 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
222.0003 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7024.0,0.00%,F,F)

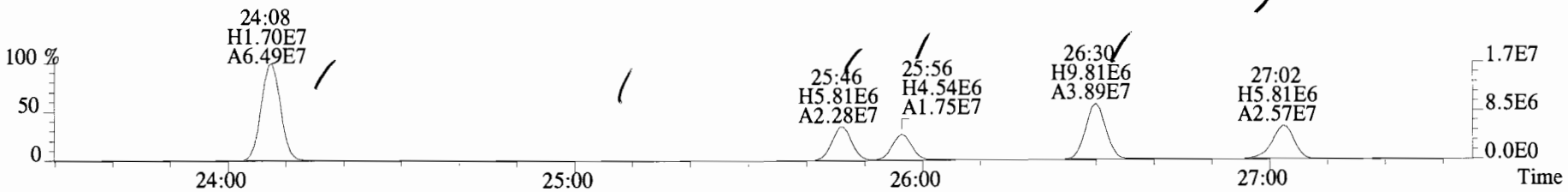


223.9974 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,91780.0,0.00%,F,F)

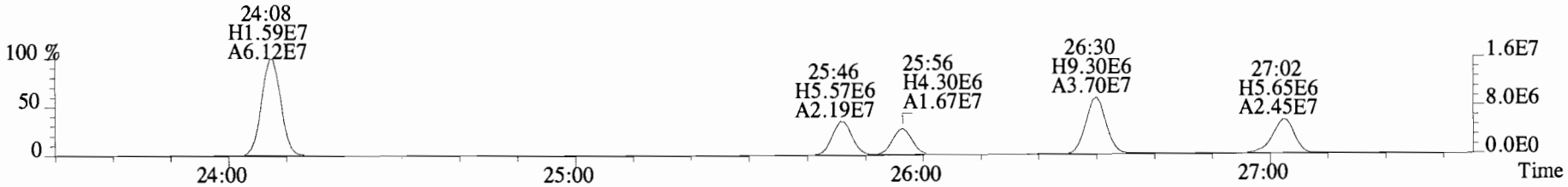


File:180118E2 #1-757 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1

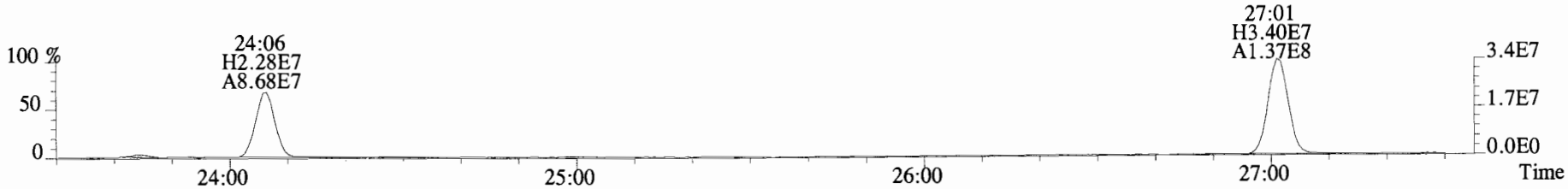
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7536.0,0.00%,F,F)



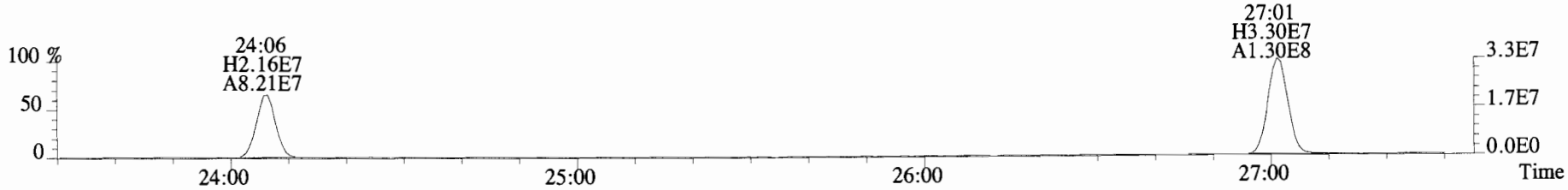
257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4820.0,0.00%,F,F)



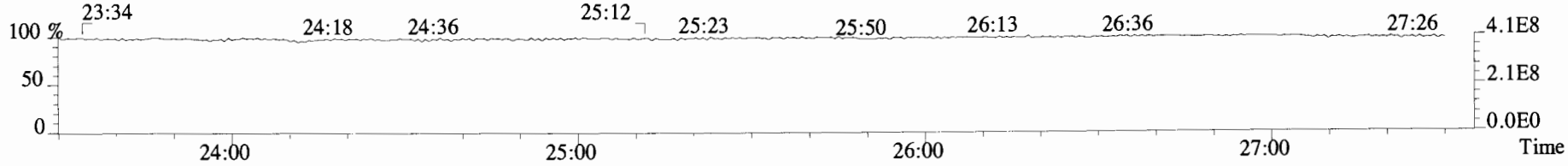
268.0016 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,351032.0,0.00%,F,F)



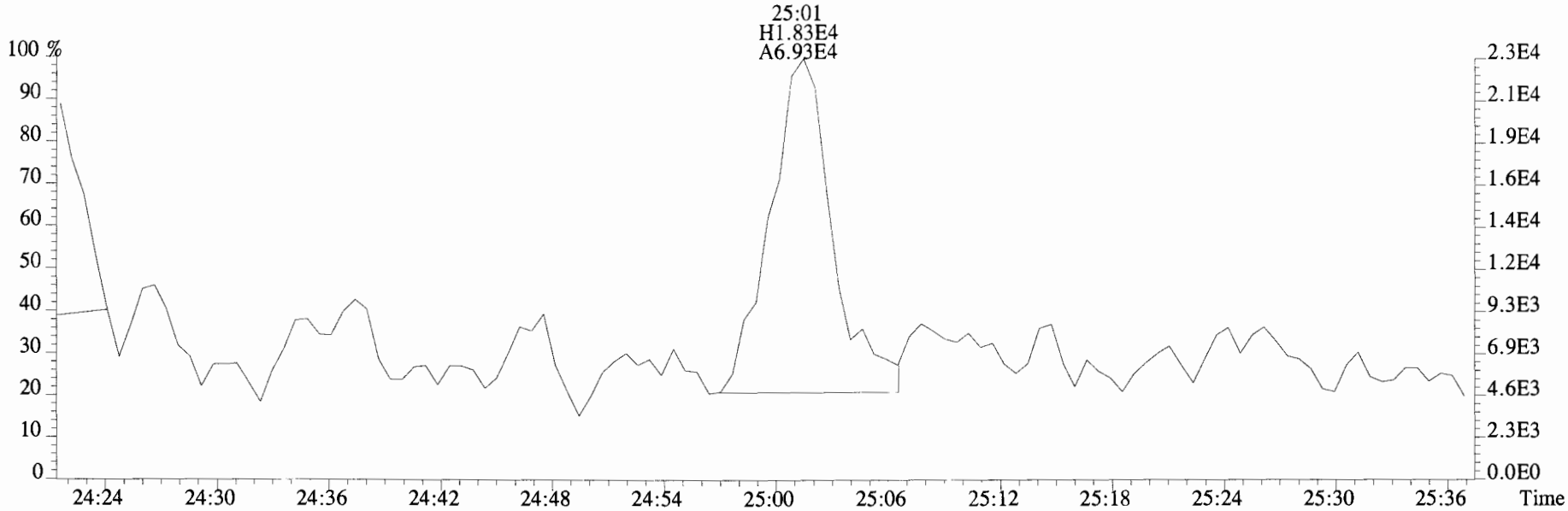
269.9986 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,184432.0,0.00%,F,F)



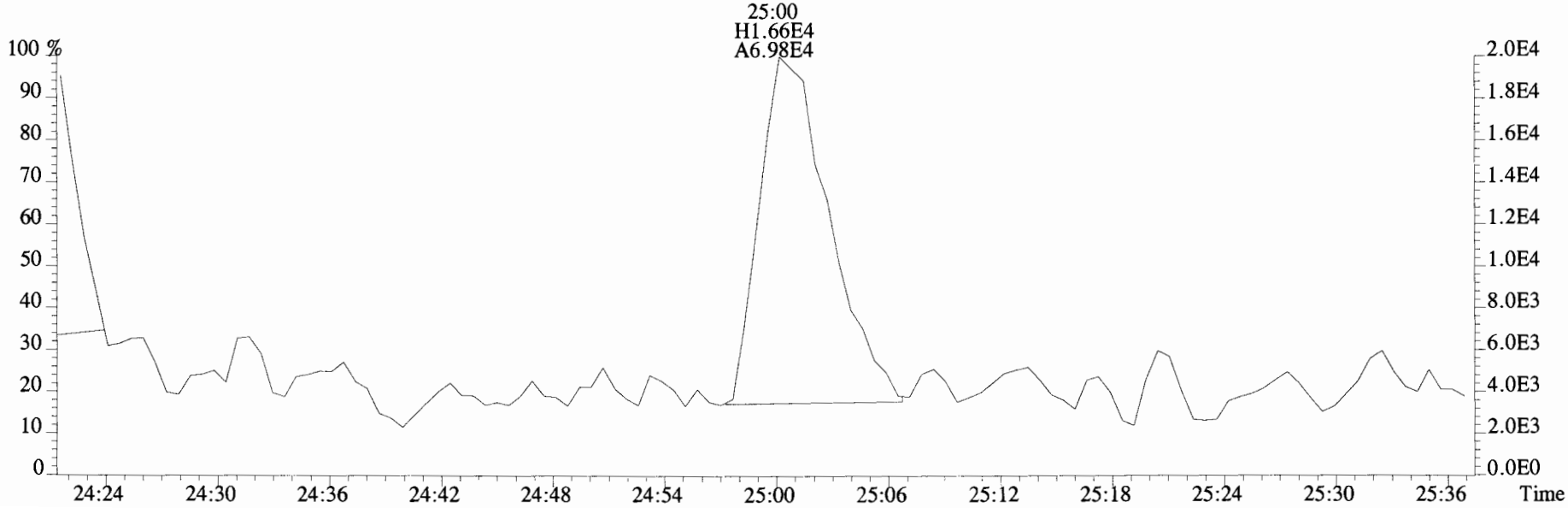
230.9856 S:7 F:2



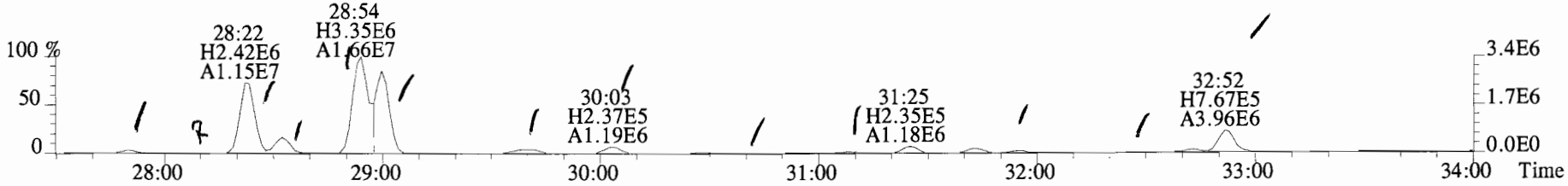
File:180118E2 #1-757 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
255.9613 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7536.0,0.00%,F,F)



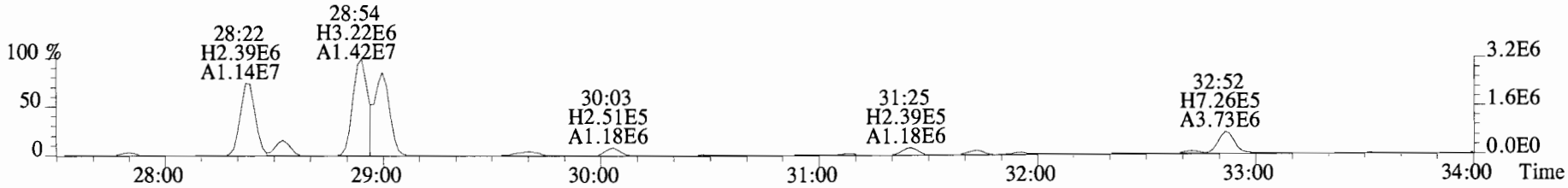
257.9584 S:7 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4820.0,0.00%,F,F)



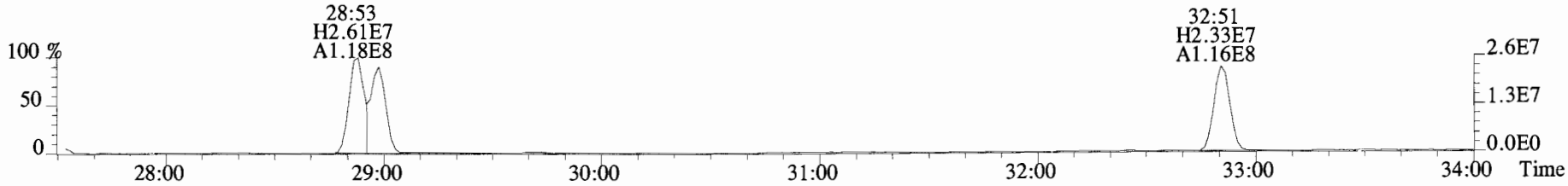
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4600.0,0.00%,F,F)



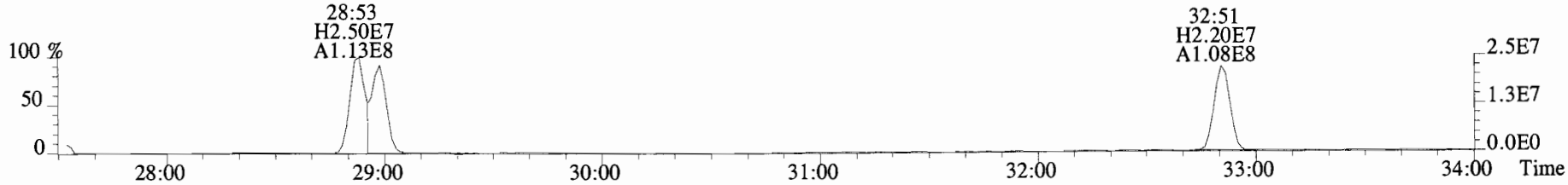
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)



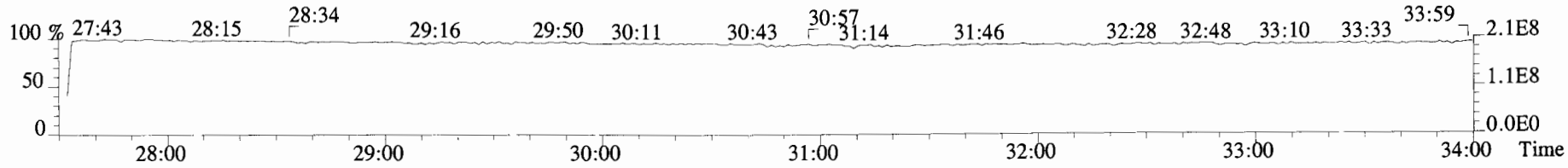
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,245520.0,0.00%,F,F)



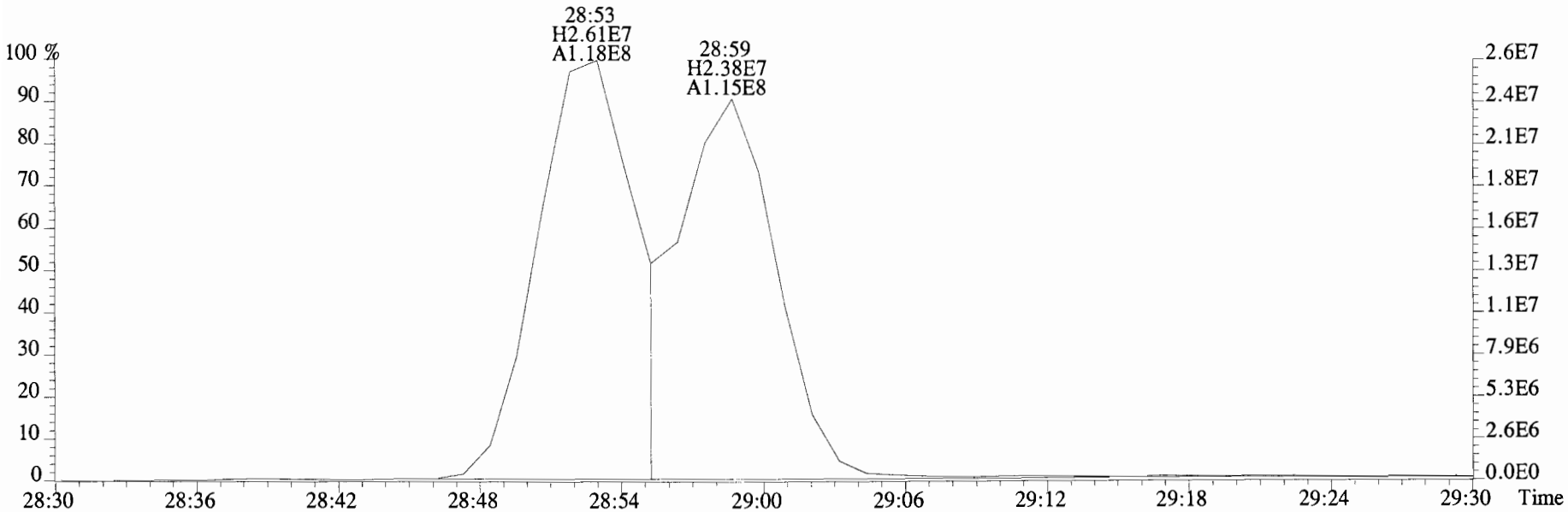
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95100.0,0.00%,F,F)



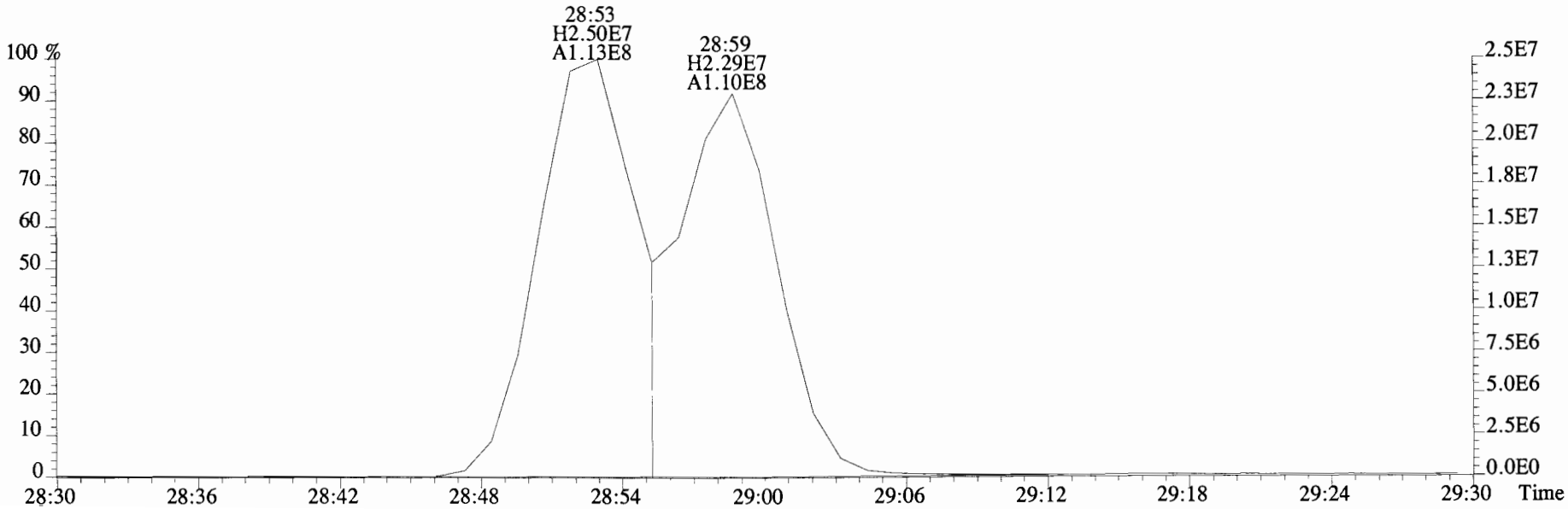
330.9792 S:7 F:3



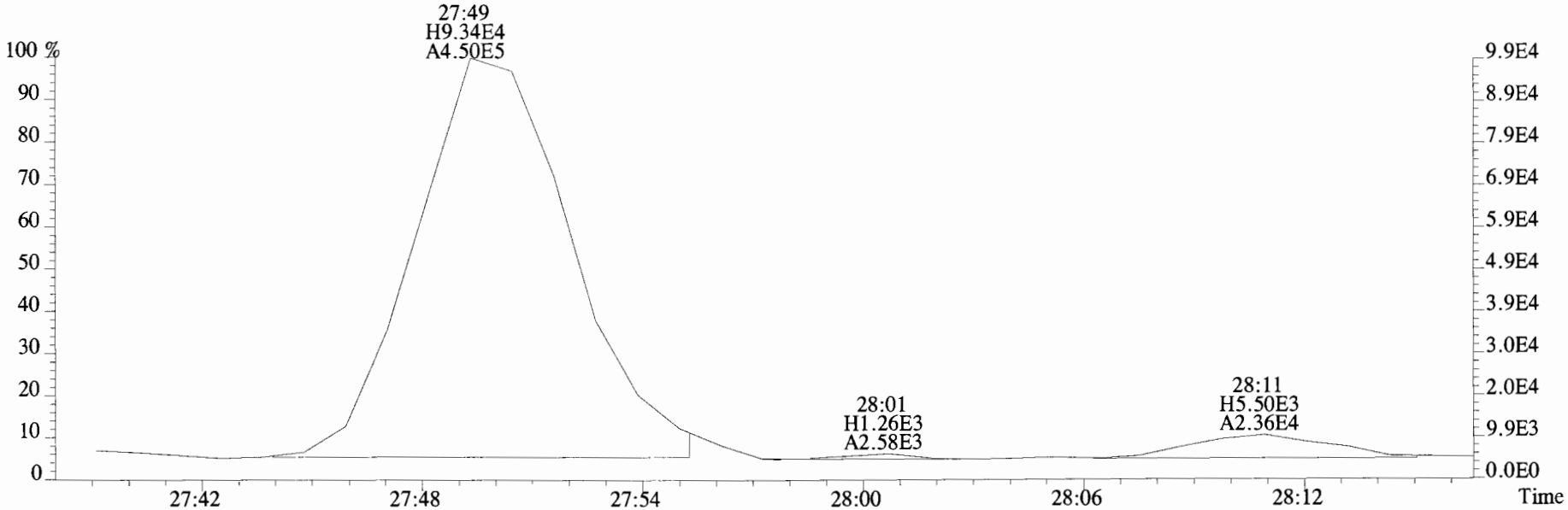
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
268.0016 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,245520.0,0.00%,F,F)



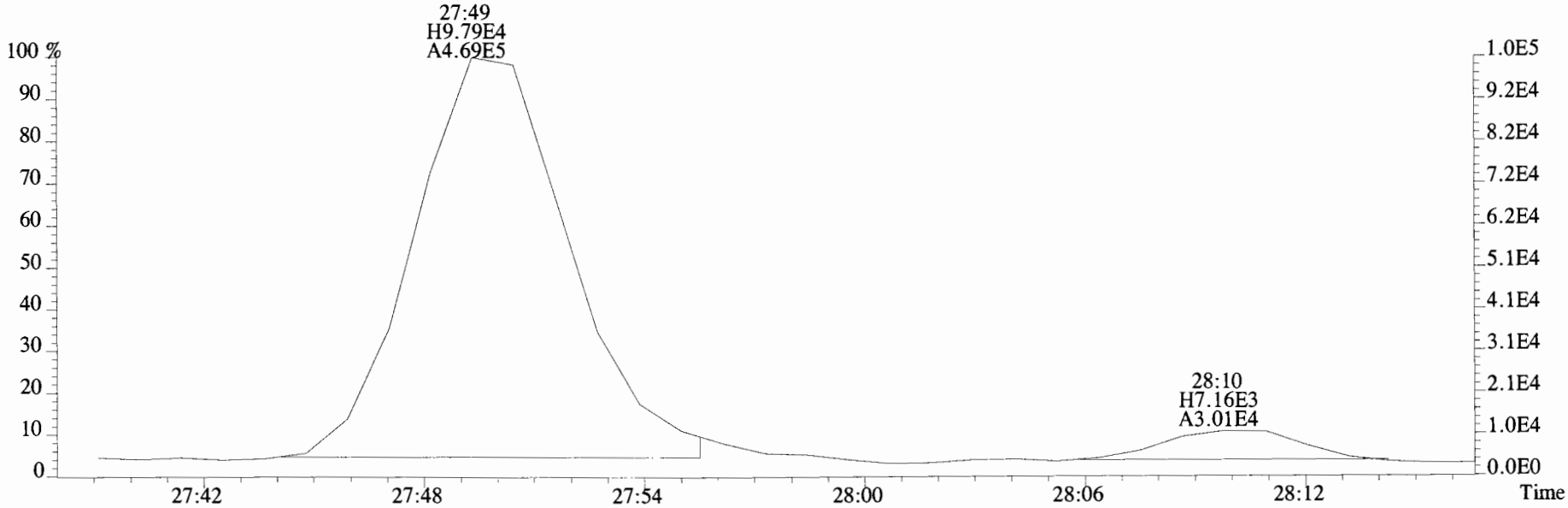
269.9986 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,95100.0,0.00%,F,F)



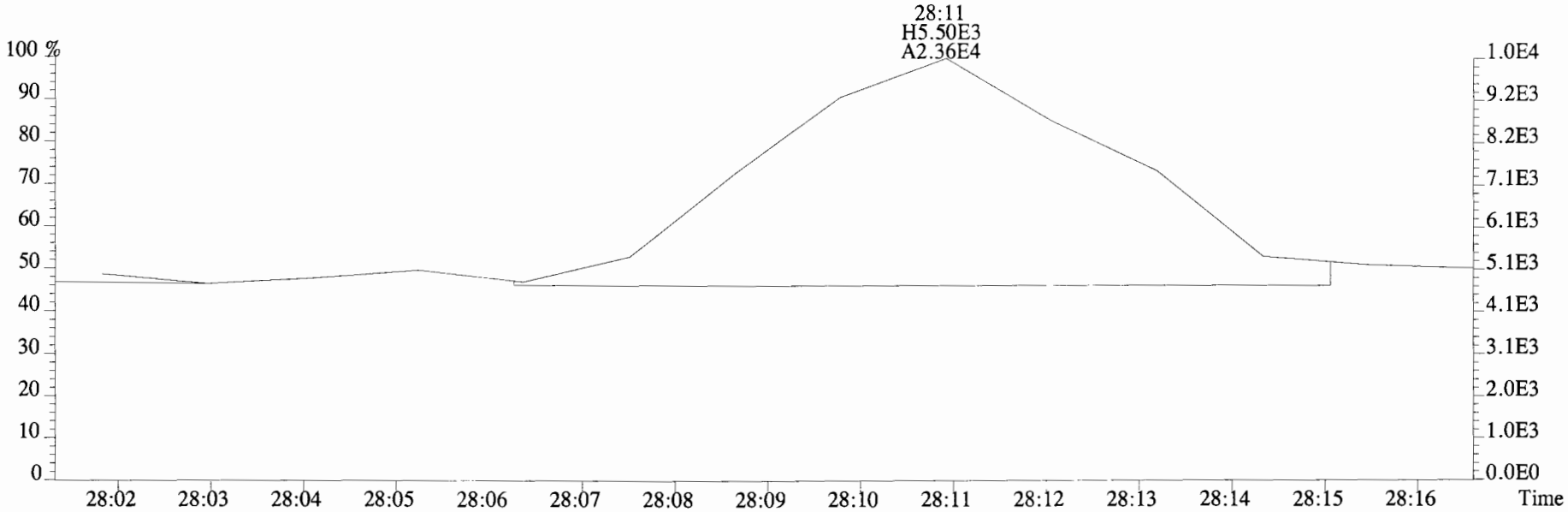
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4600.0,0.00%,F,F)



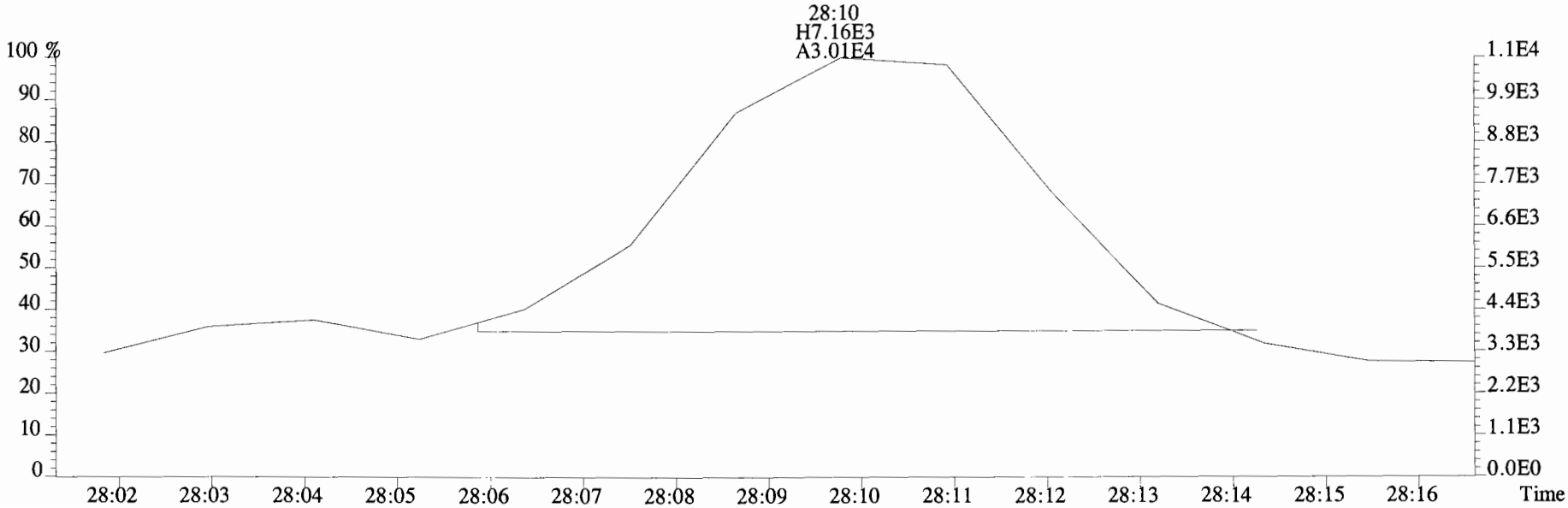
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)



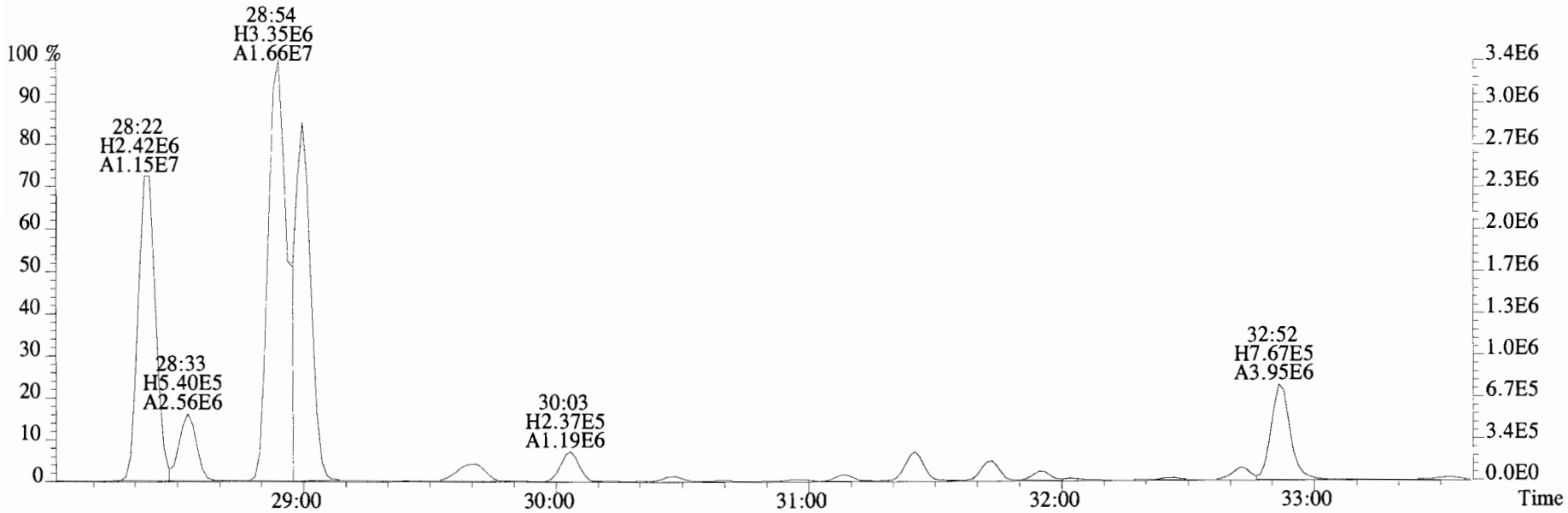
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4600.0,0.00%,F,F)



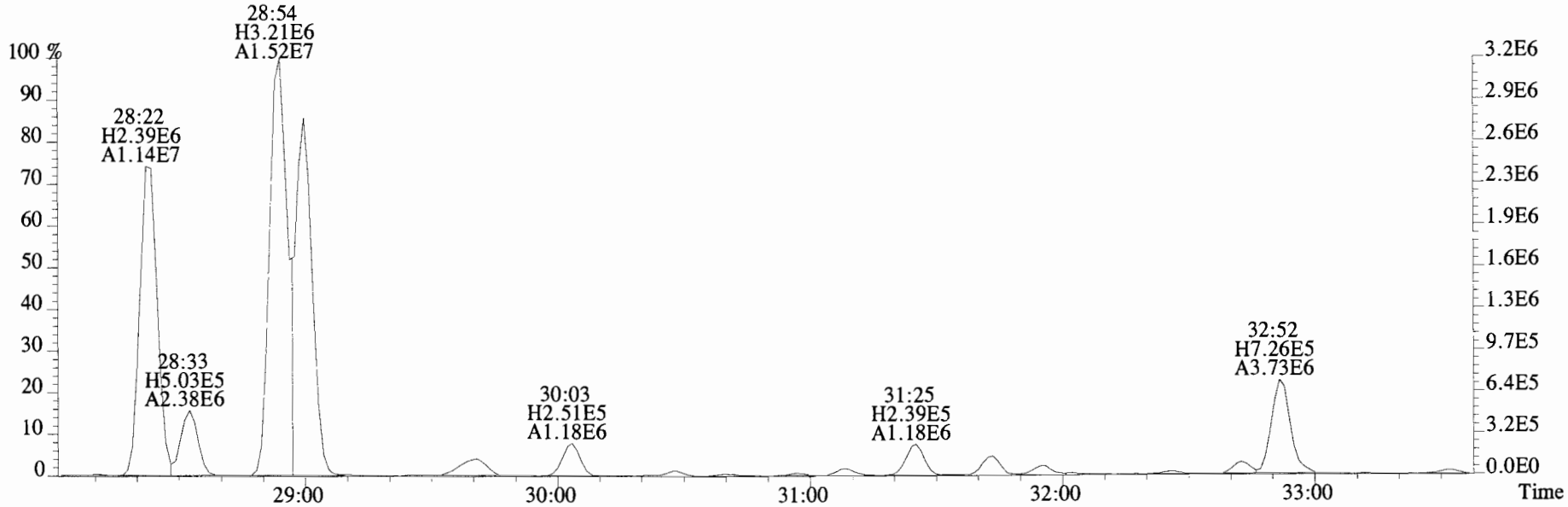
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)



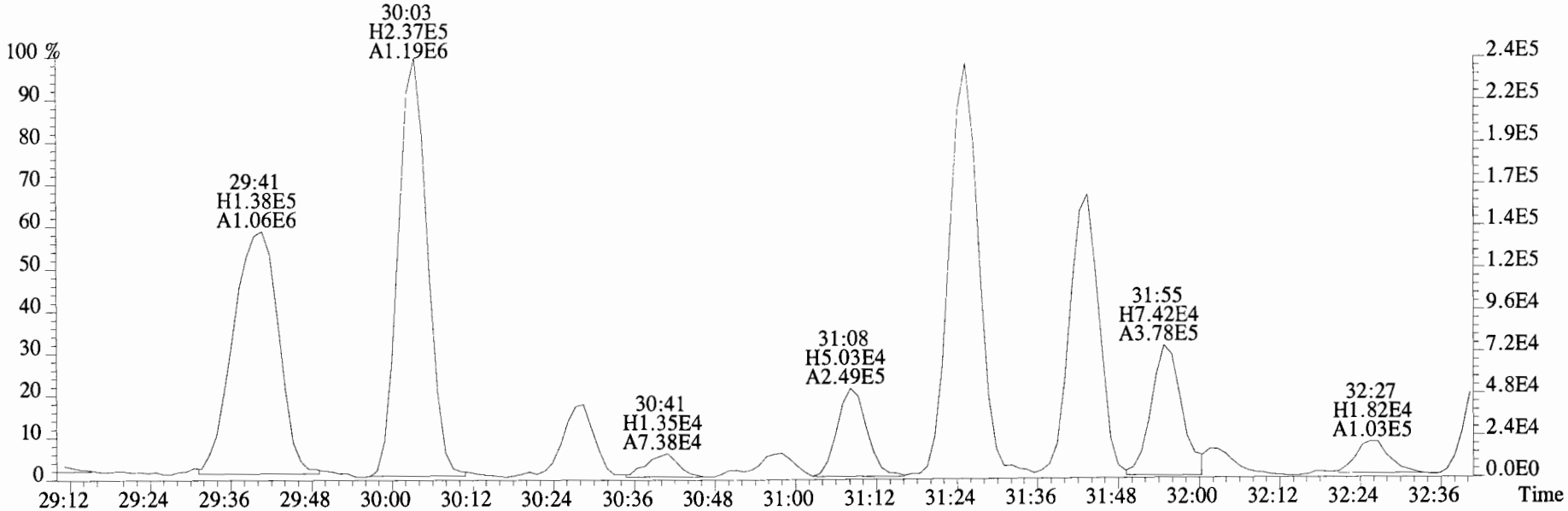
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4600.0,0.00%,F,F)



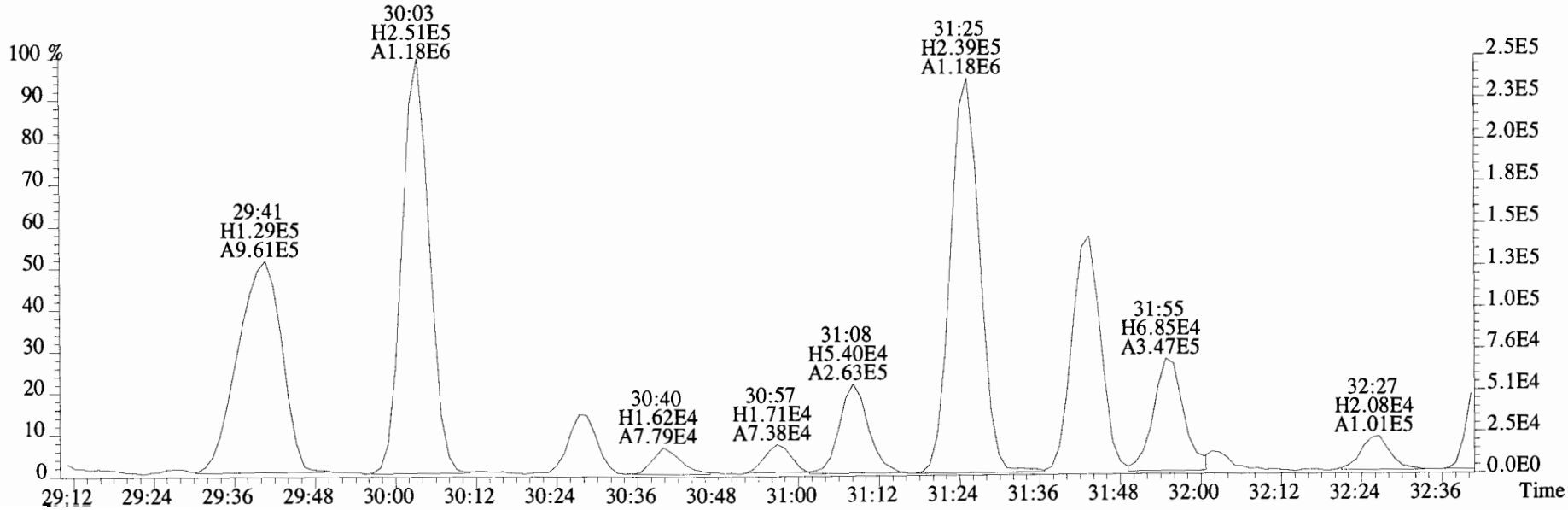
257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)



File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
255.9613 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4600.0,0.00%,F,F)

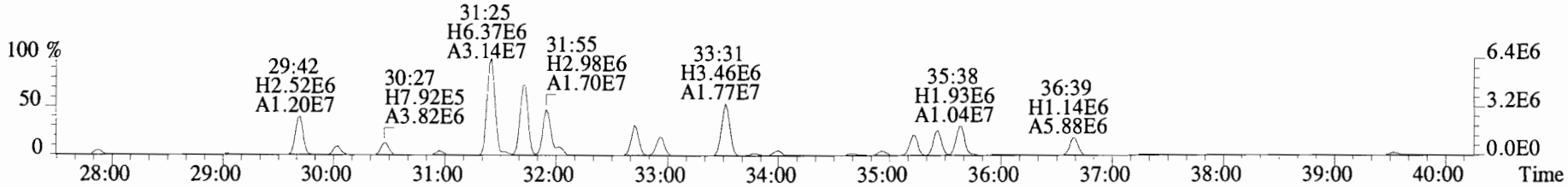


257.9584 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3608.0,0.00%,F,F)

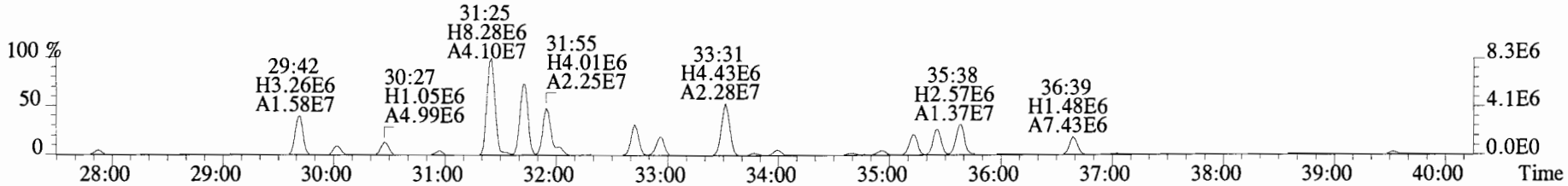


File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1

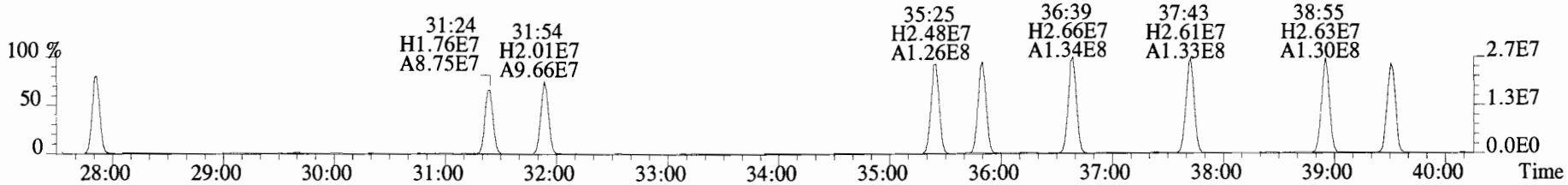
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



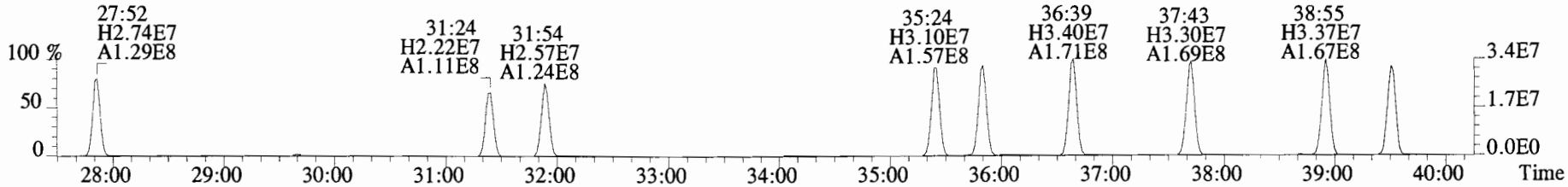
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



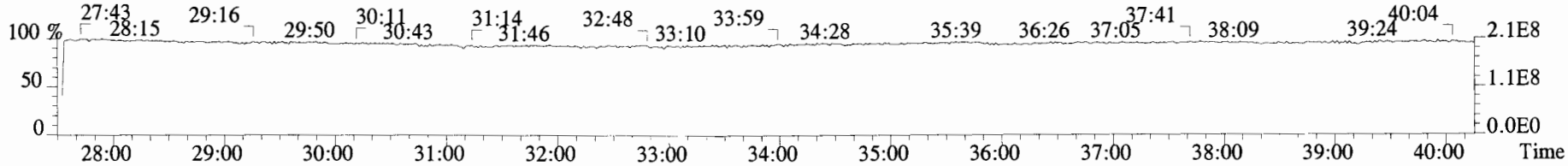
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89700.0,0.00%,F,F)



303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35120.0,0.00%,F,F)

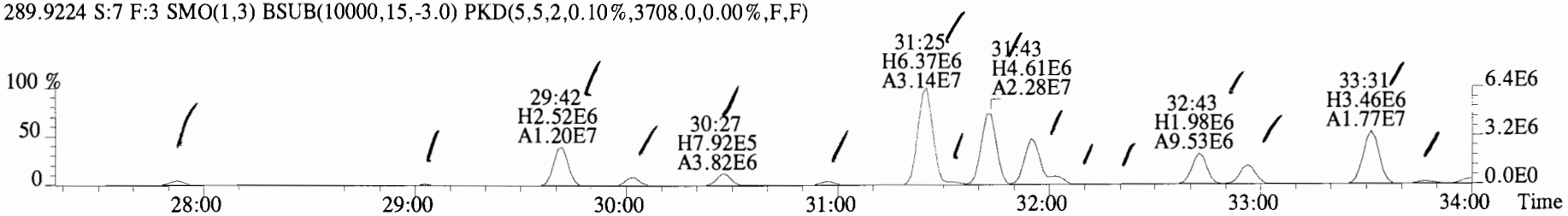


330.9792 S:7 F:3

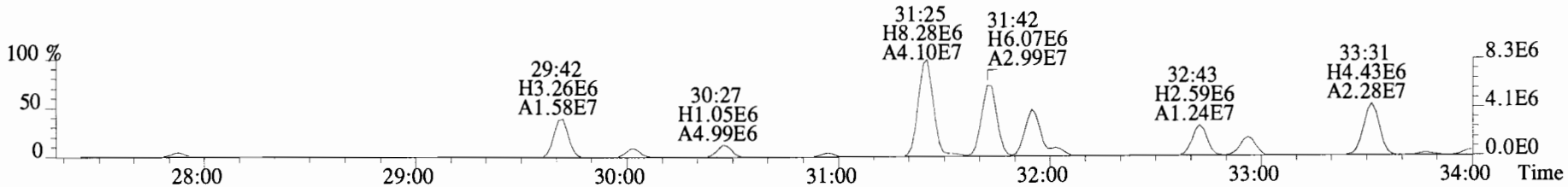


File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1

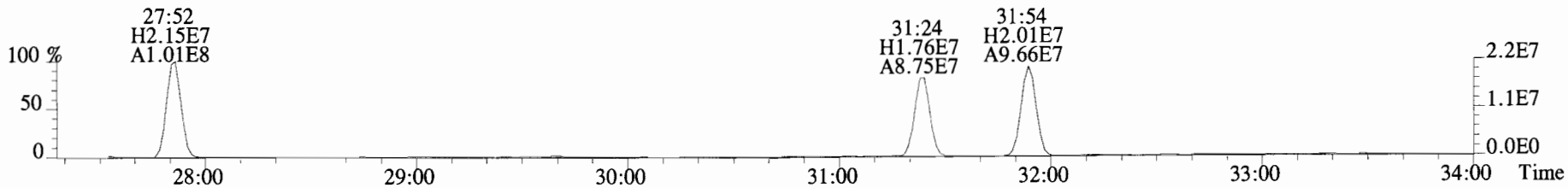
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



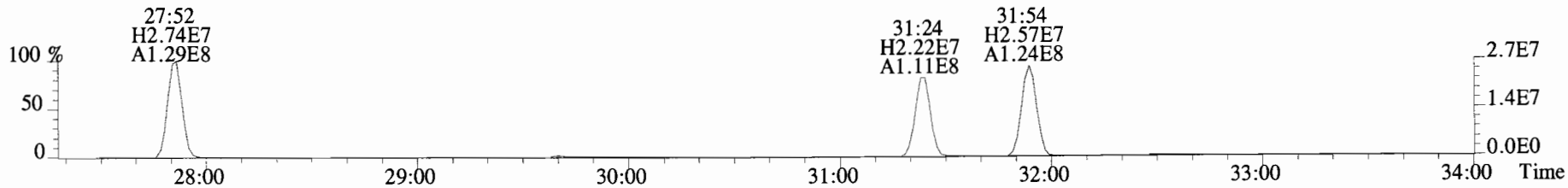
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



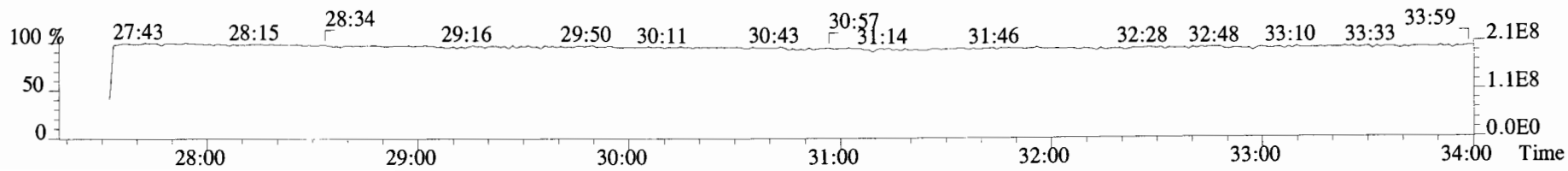
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89700.0,0.00%,F,F)



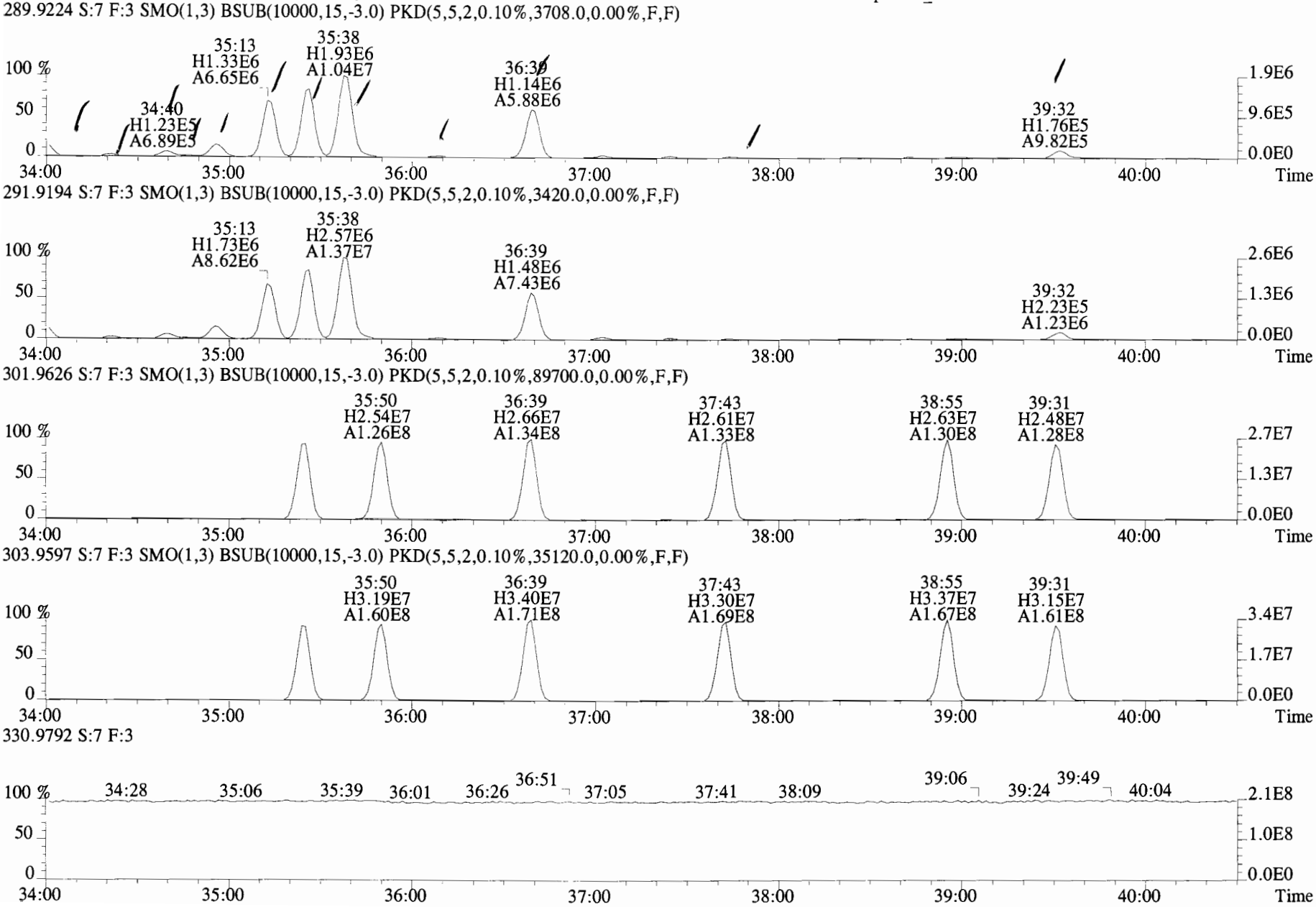
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35120.0,0.00%,F,F)



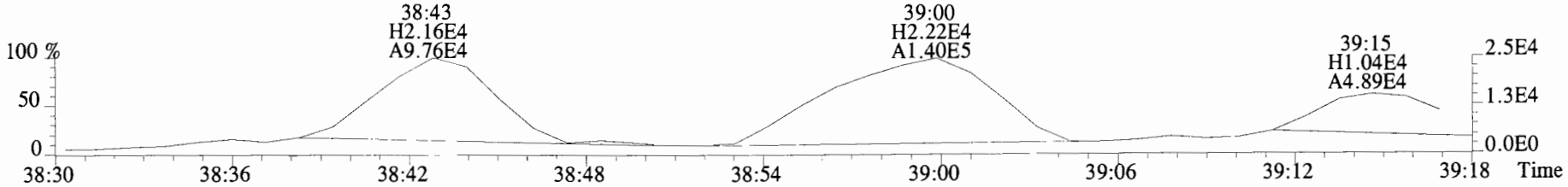
330.9792 S:7 F:3



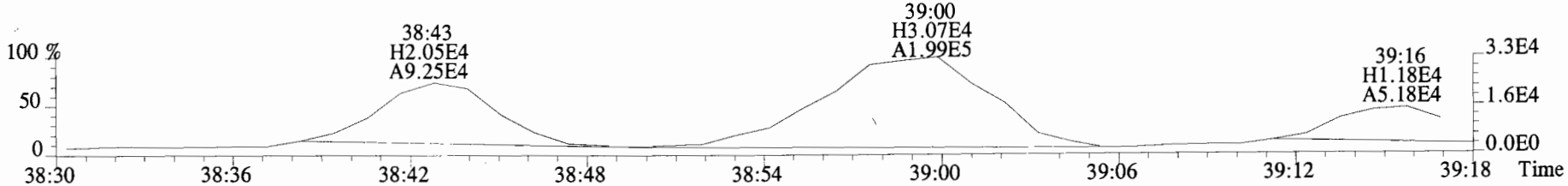
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1



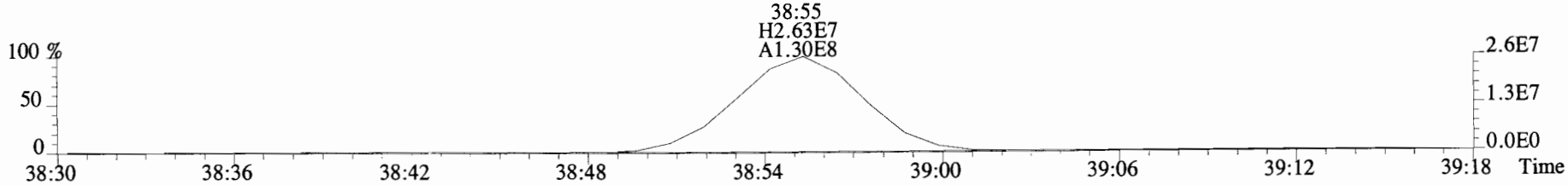
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



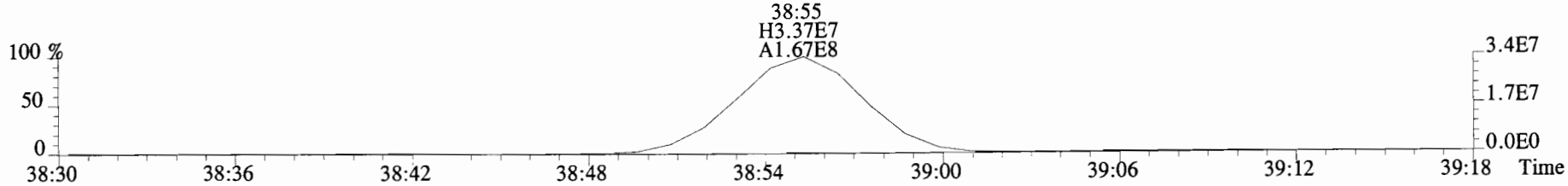
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



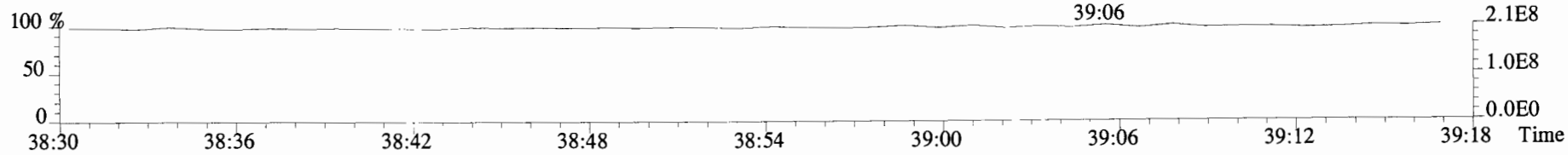
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89700.0,0.00%,F,F)



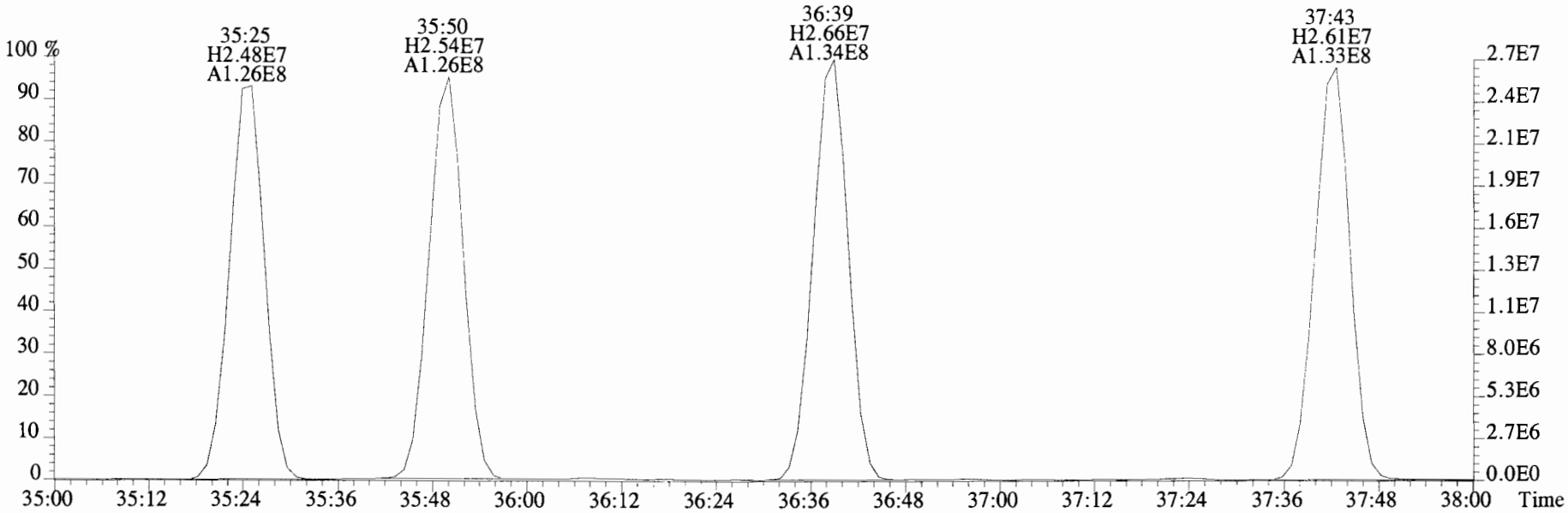
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35120.0,0.00%,F,F)



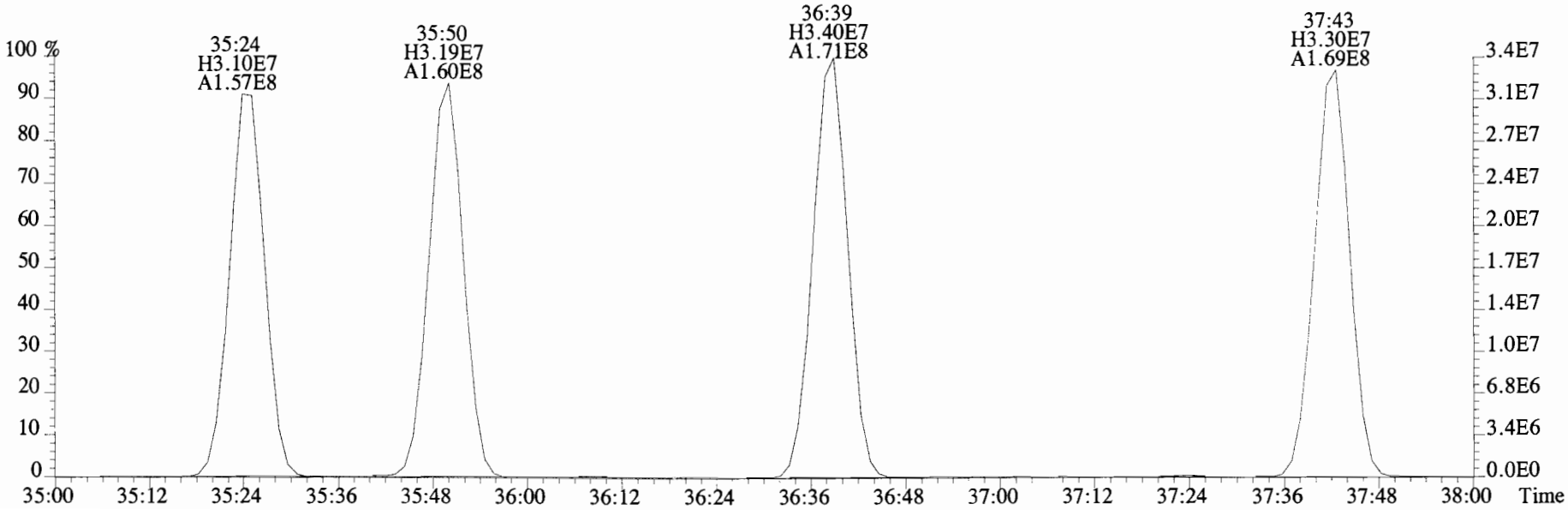
330.9792 S:7 F:3



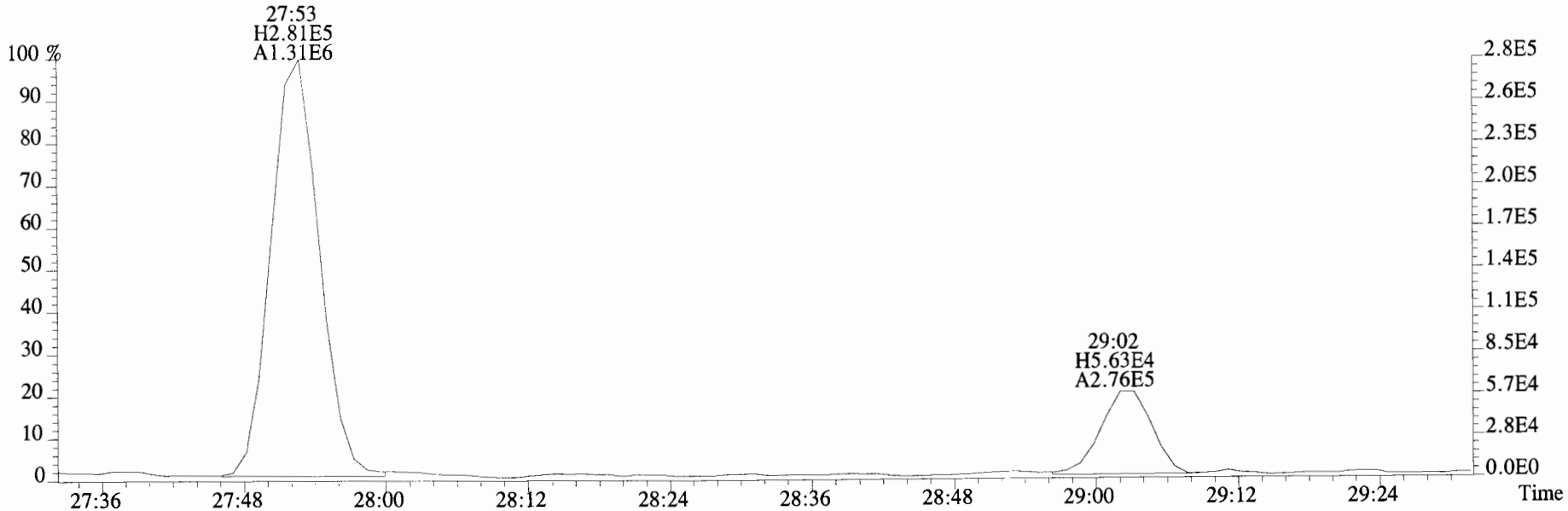
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
301.9626 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89700.0,0.00%,F,F)



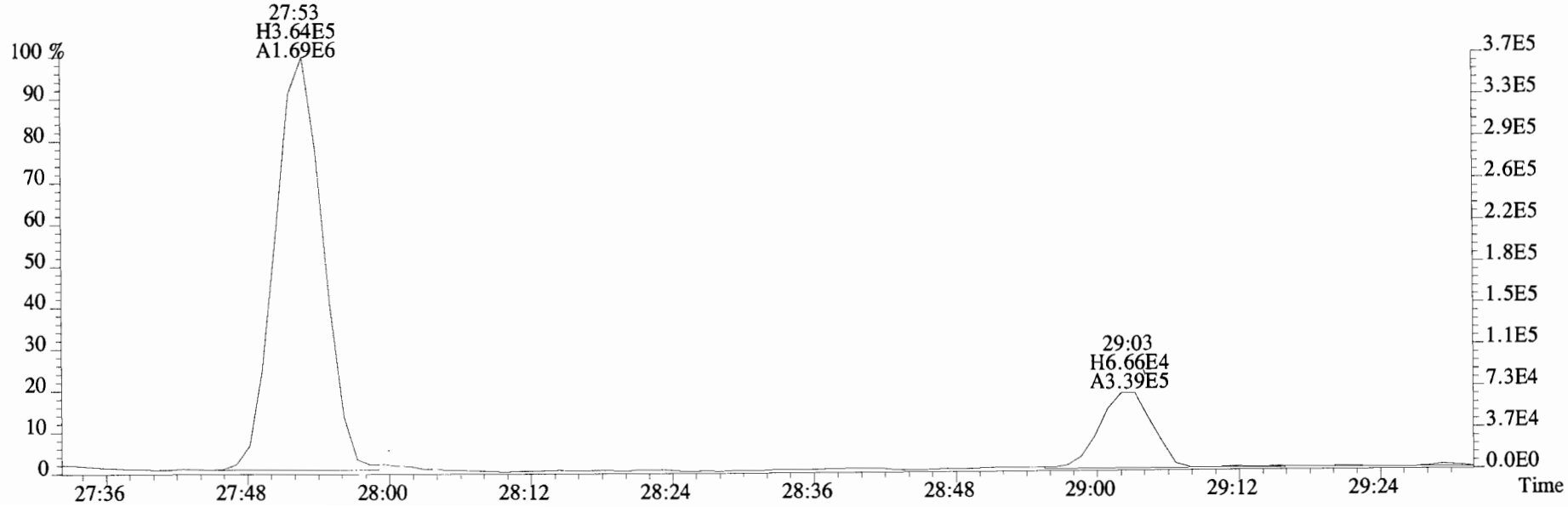
303.9597 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35120.0,0.00%,F,F)



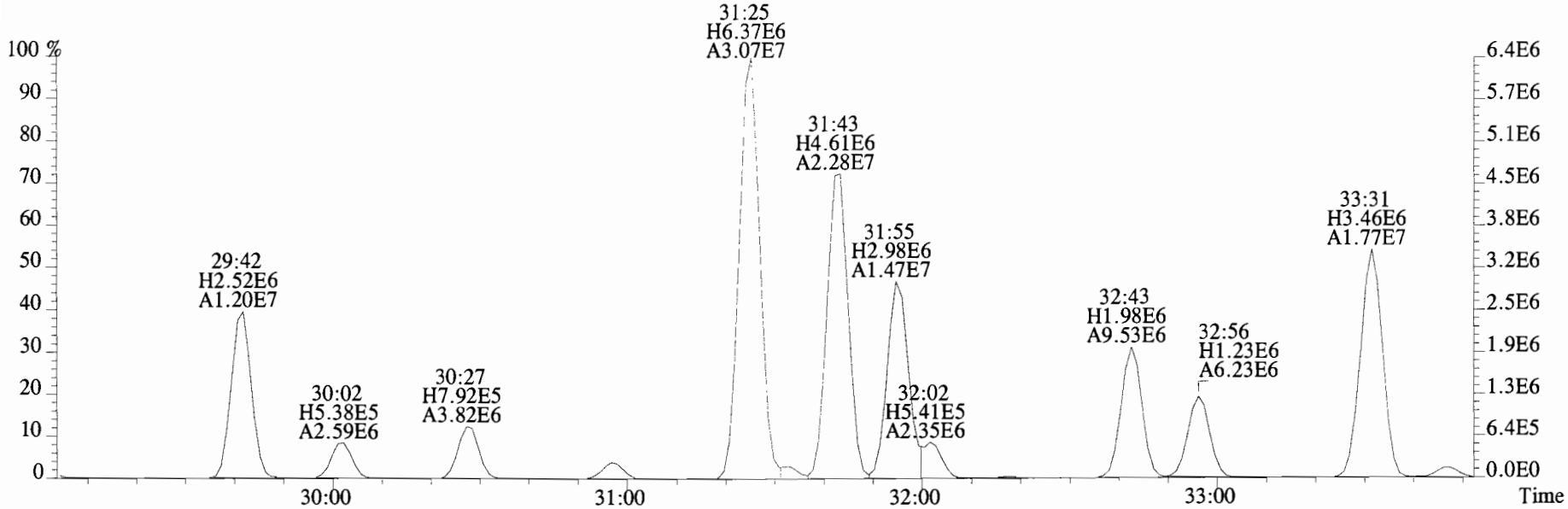
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



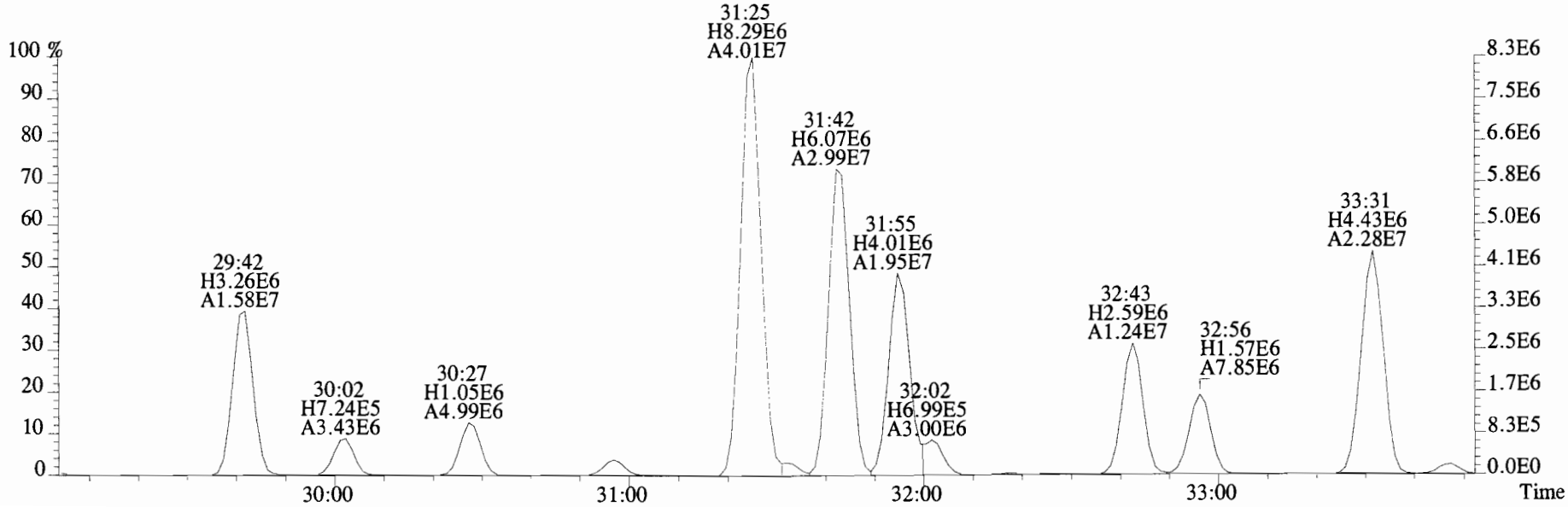
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



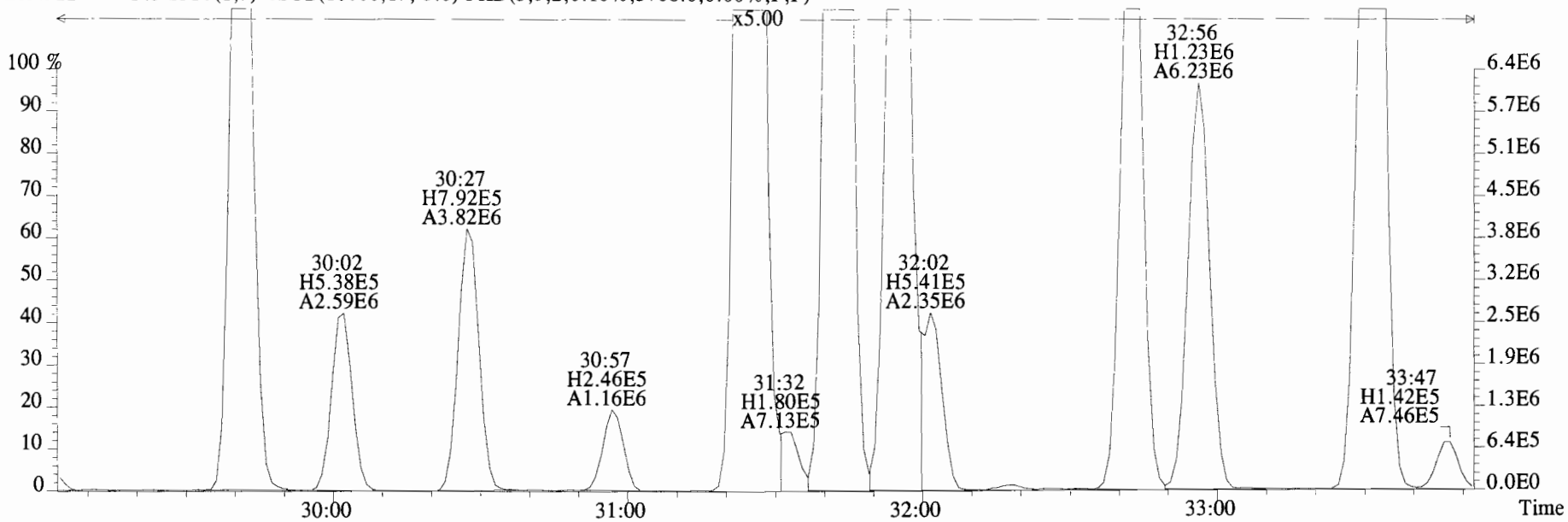
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



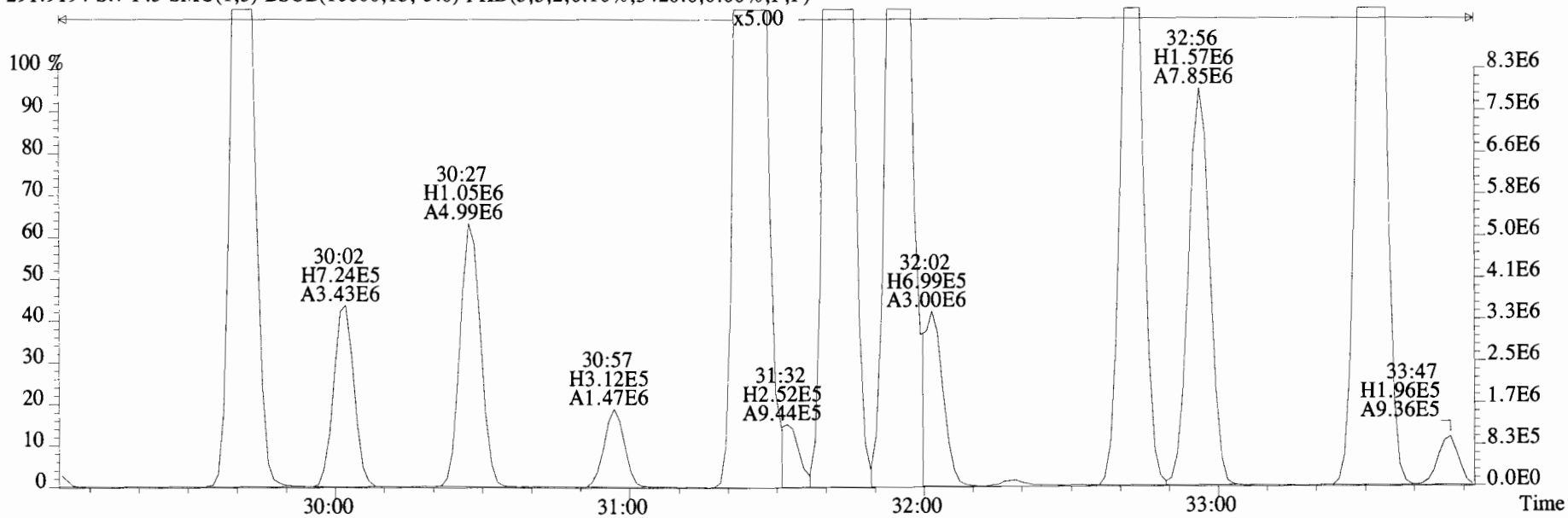
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



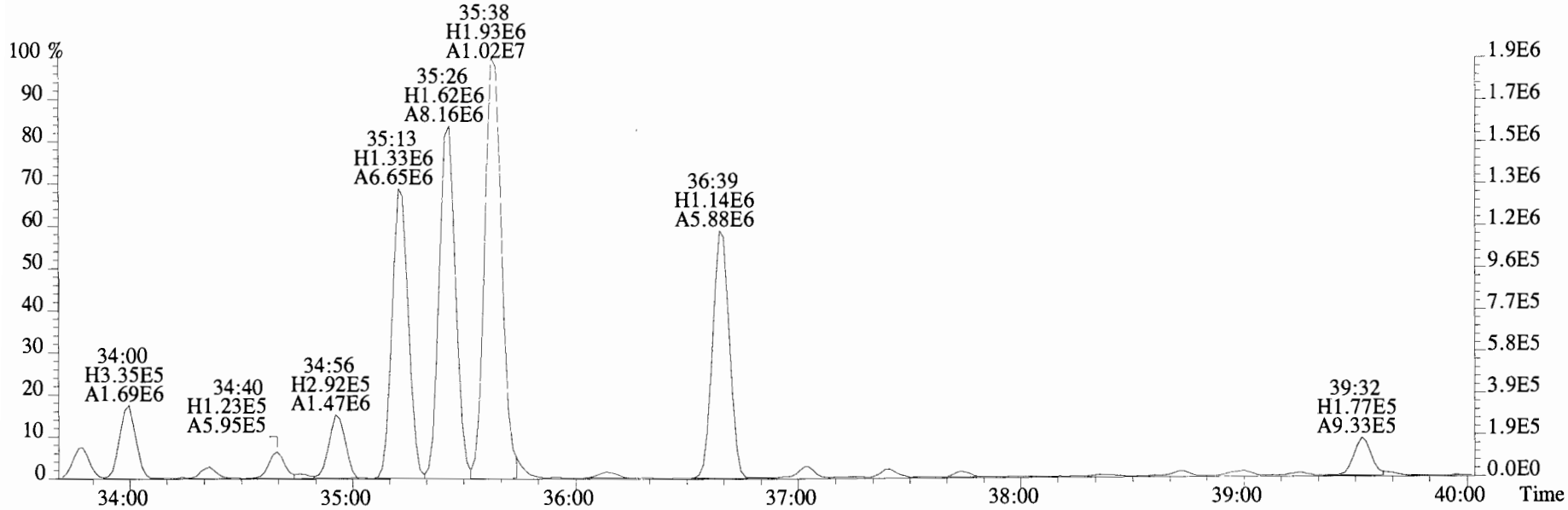
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



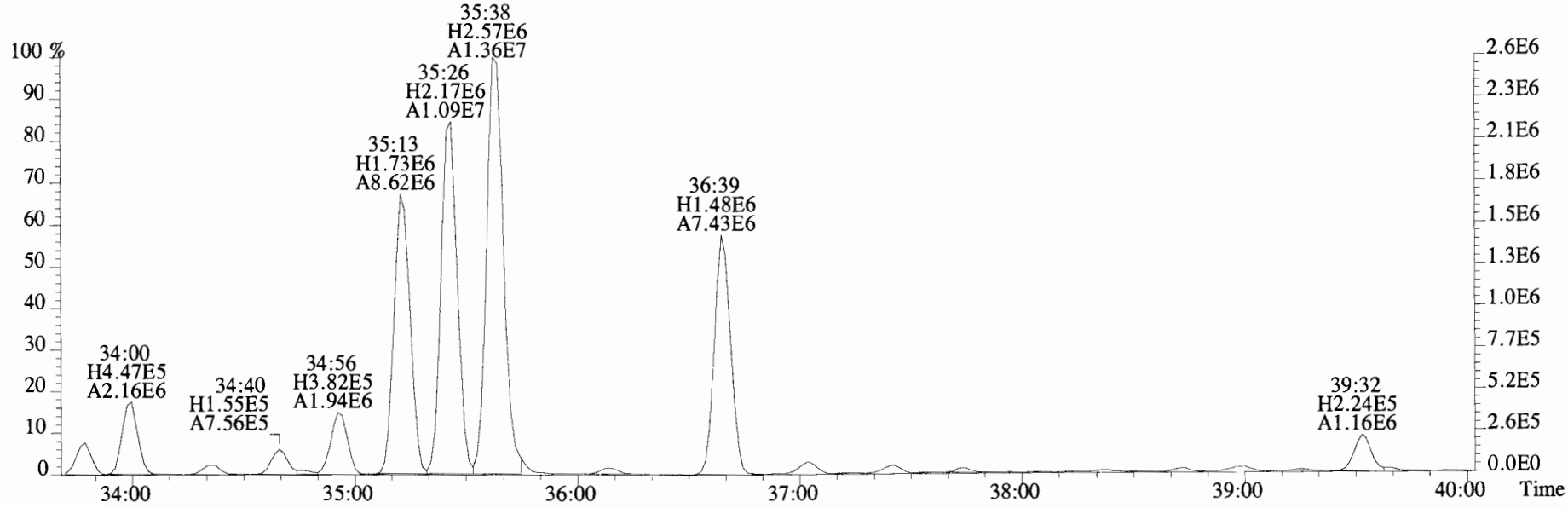
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



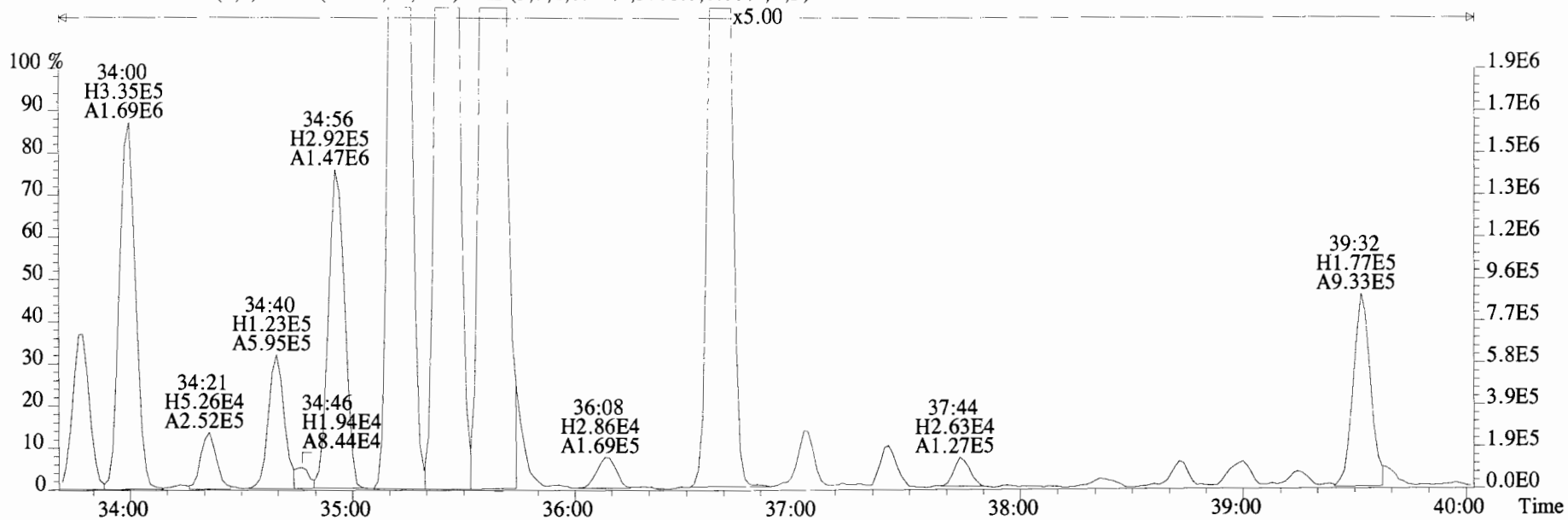
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



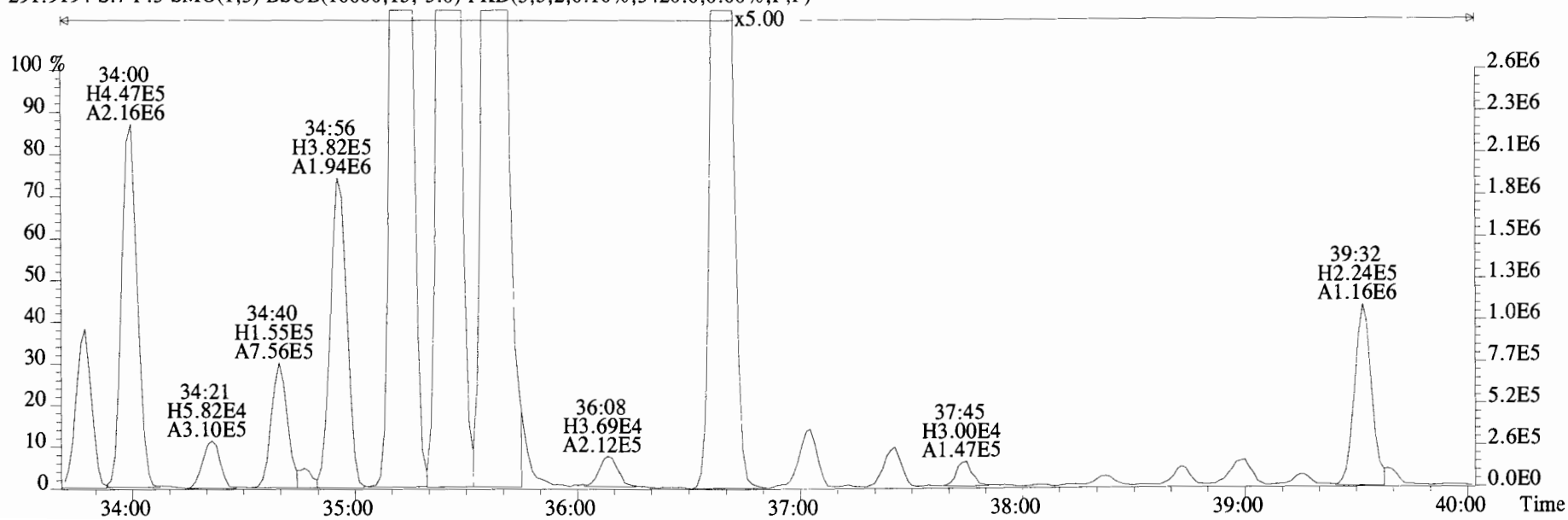
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



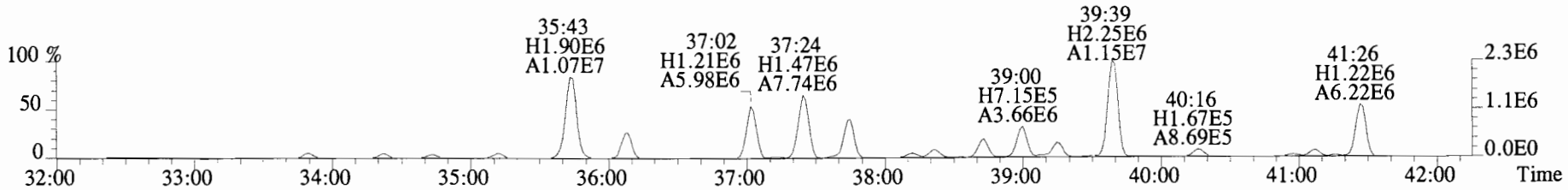
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
289.9224 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3708.0,0.00%,F,F)



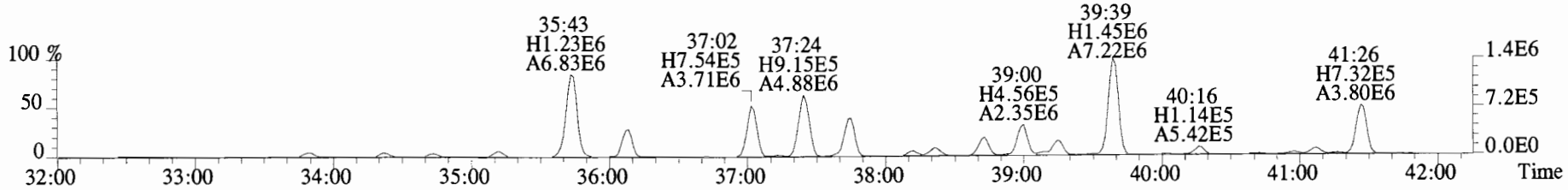
291.9194 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3420.0,0.00%,F,F)



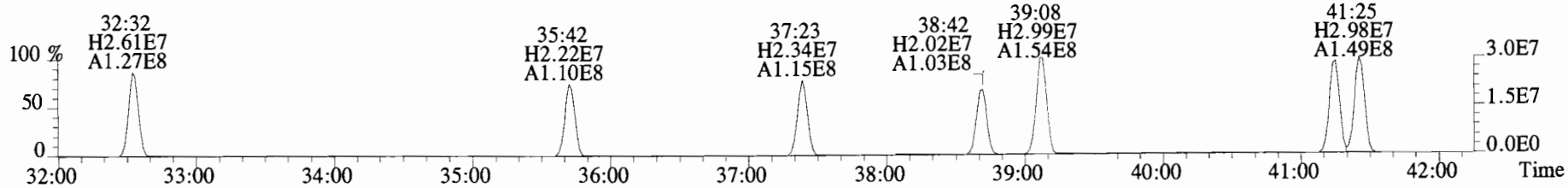
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



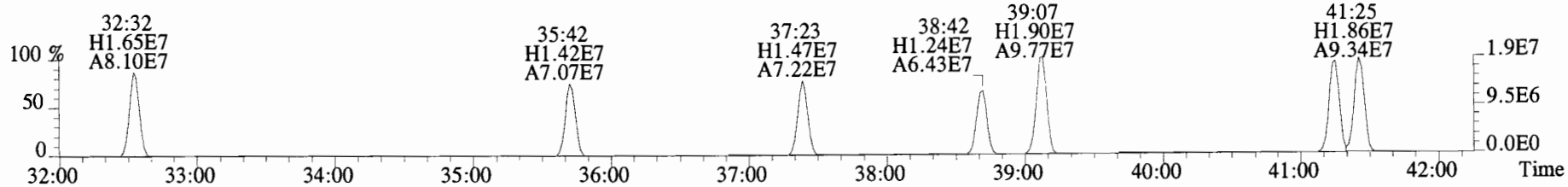
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



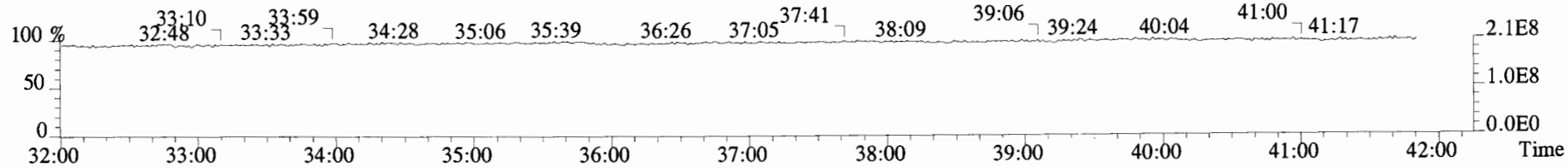
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7536.0,0.00%,F,F)



339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6072.0,0.00%,F,F)

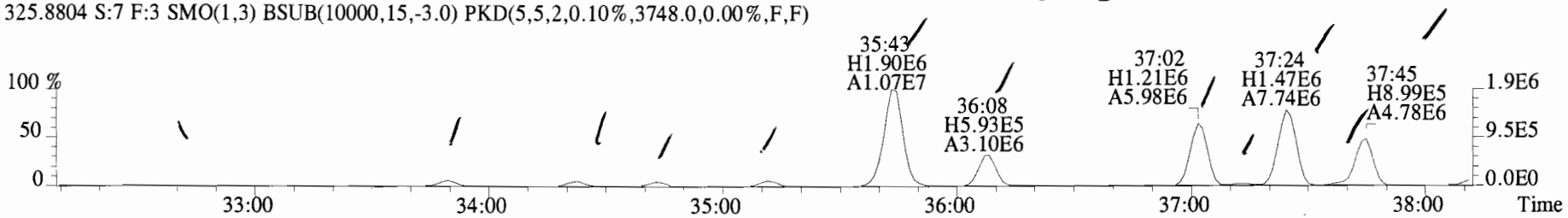


330.9792 S:7 F:3

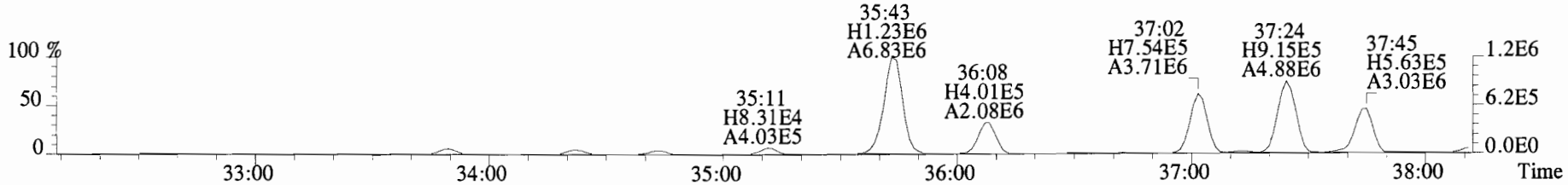


File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1

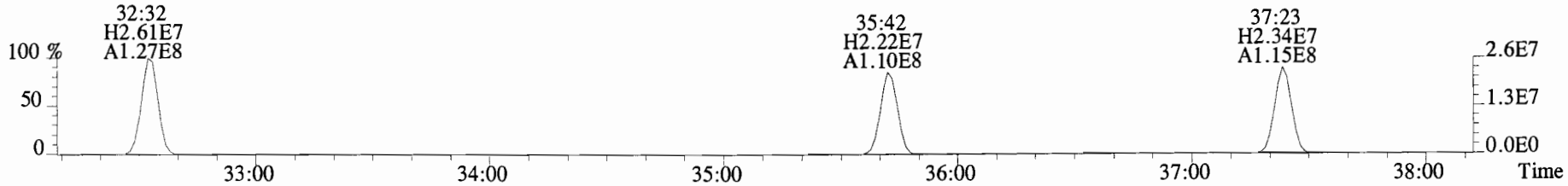
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



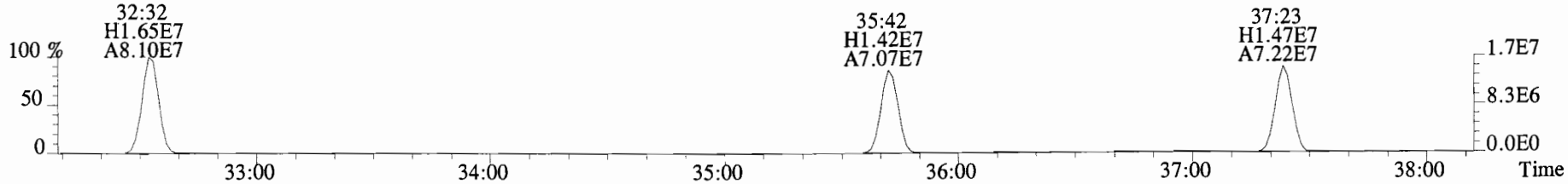
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



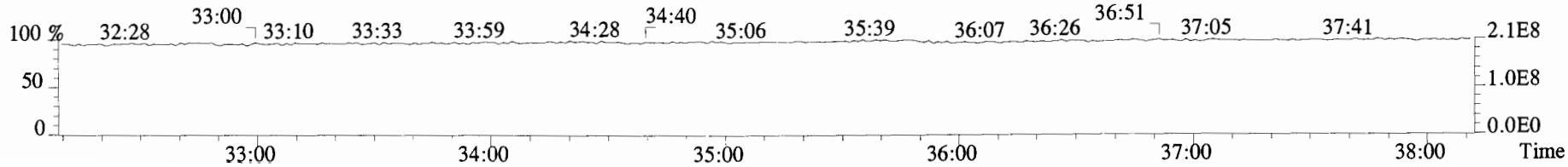
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7536.0,0.00%,F,F)



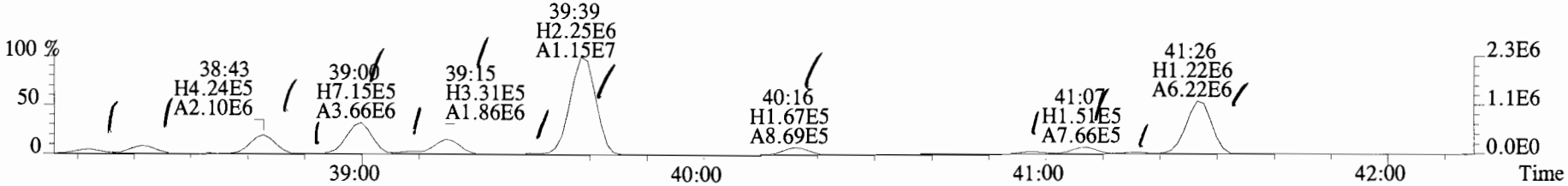
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6072.0,0.00%,F,F)



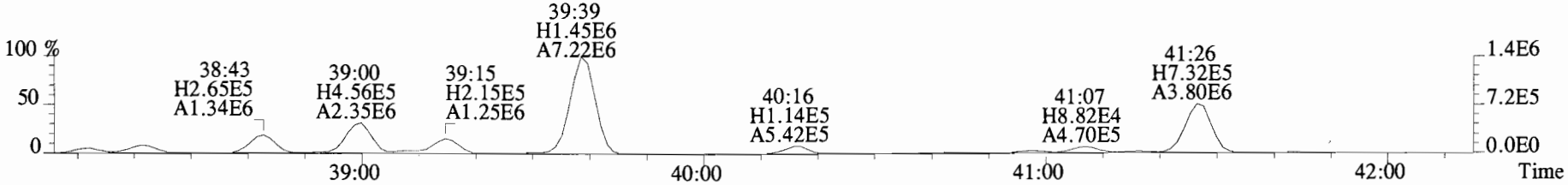
330.9792 S:7 F:3



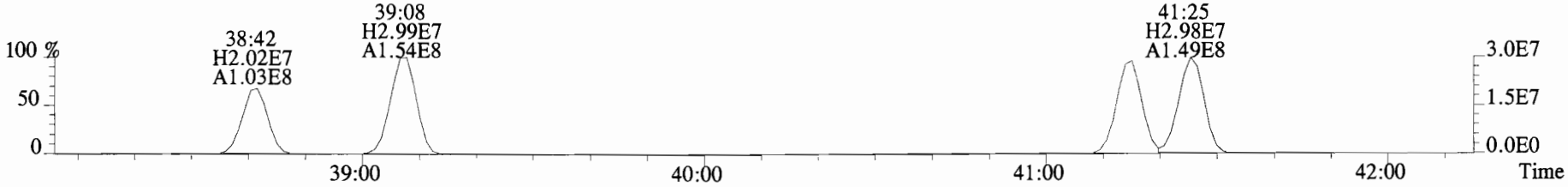
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



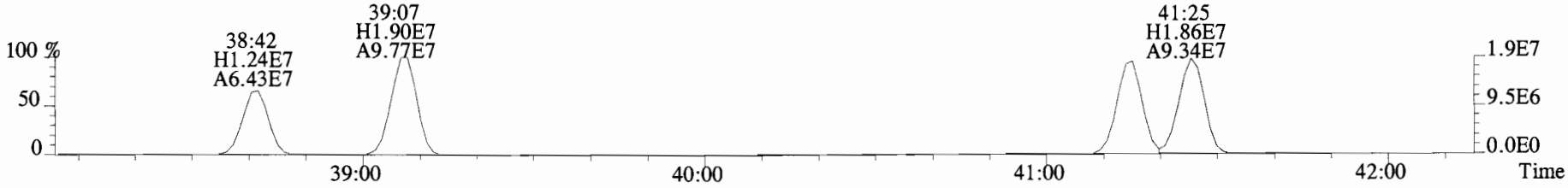
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



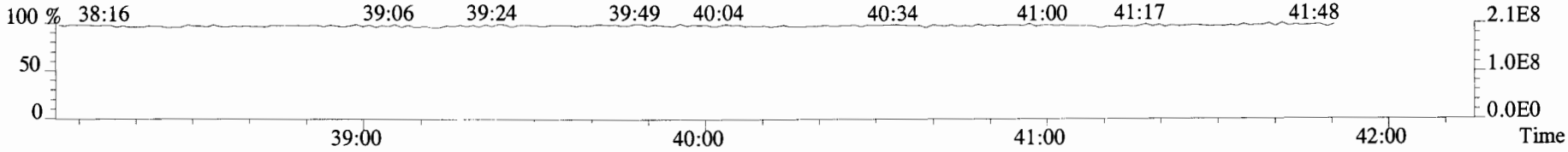
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7536.0,0.00%,F,F)



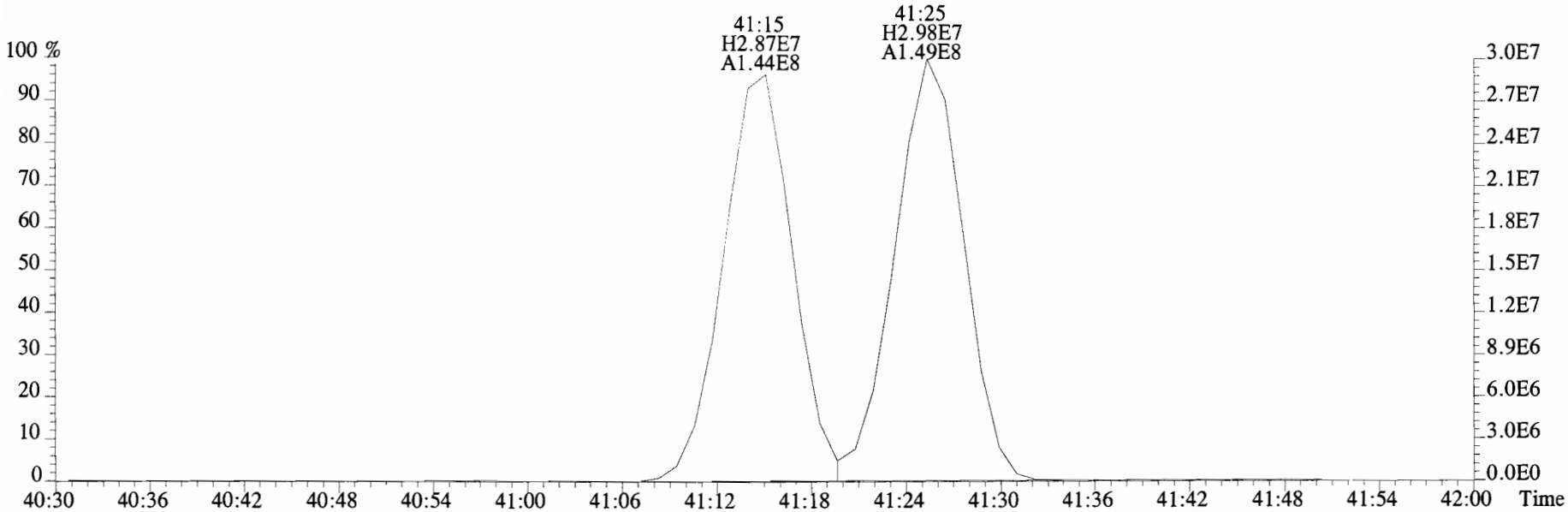
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6072.0,0.00%,F,F)



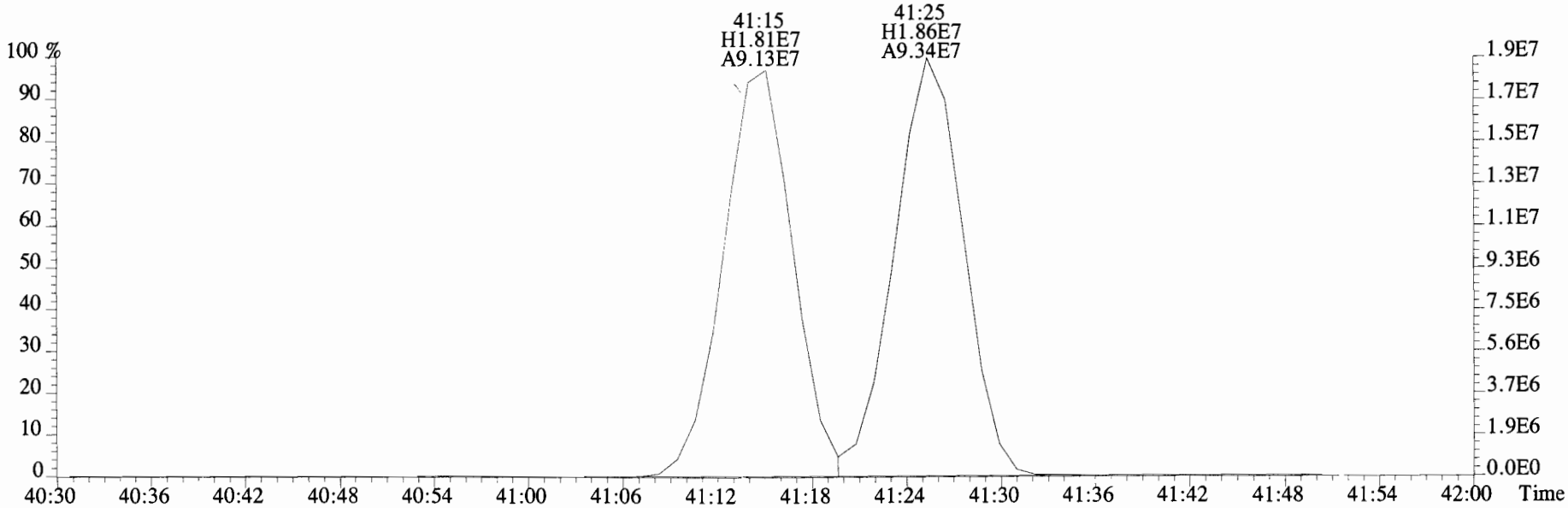
330.9792 S:7 F:3



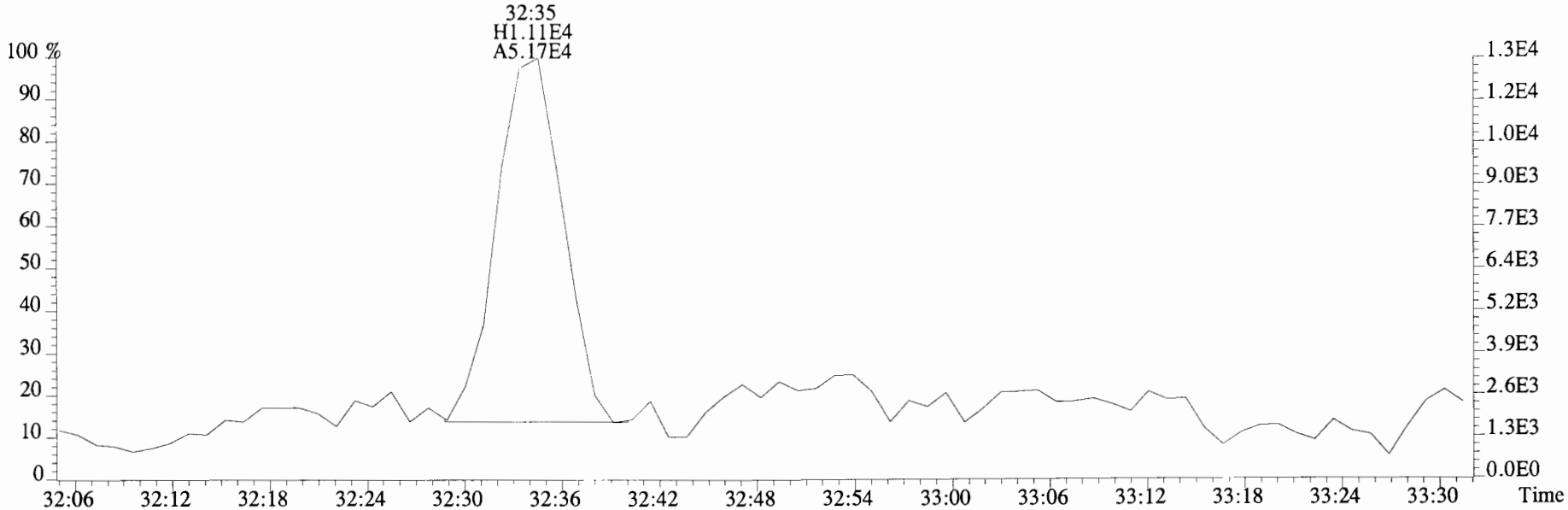
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
337.9207 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7536.0,0.00%,F,F)



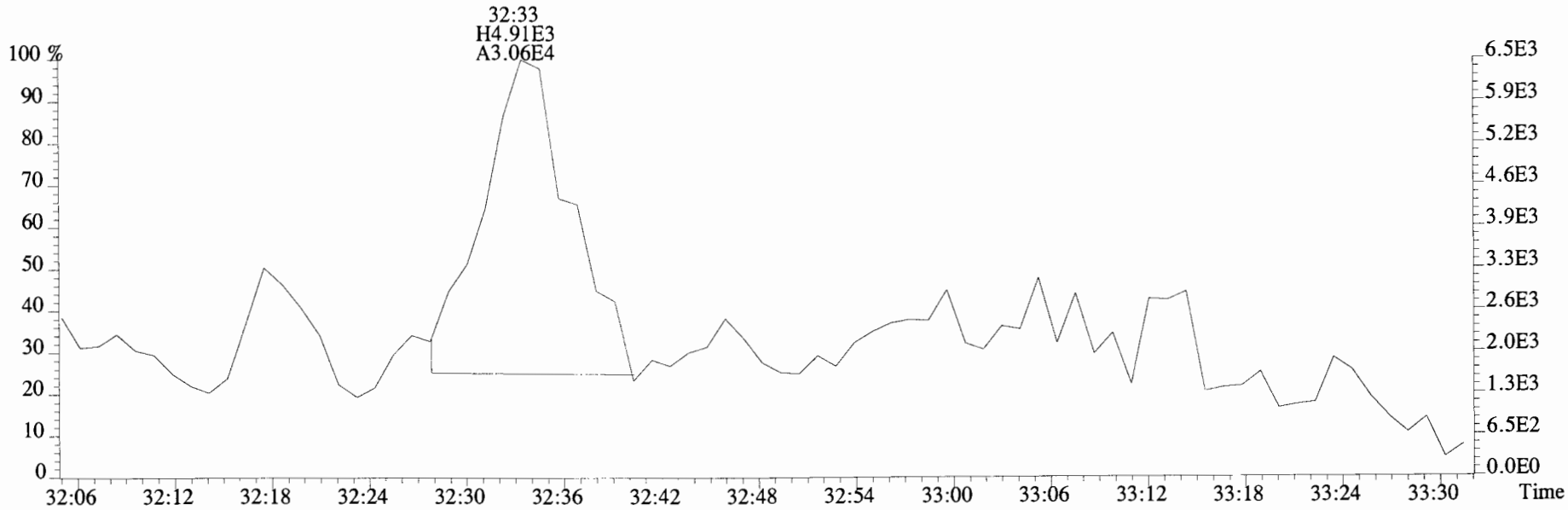
339.9177 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6072.0,0.00%,F,F)



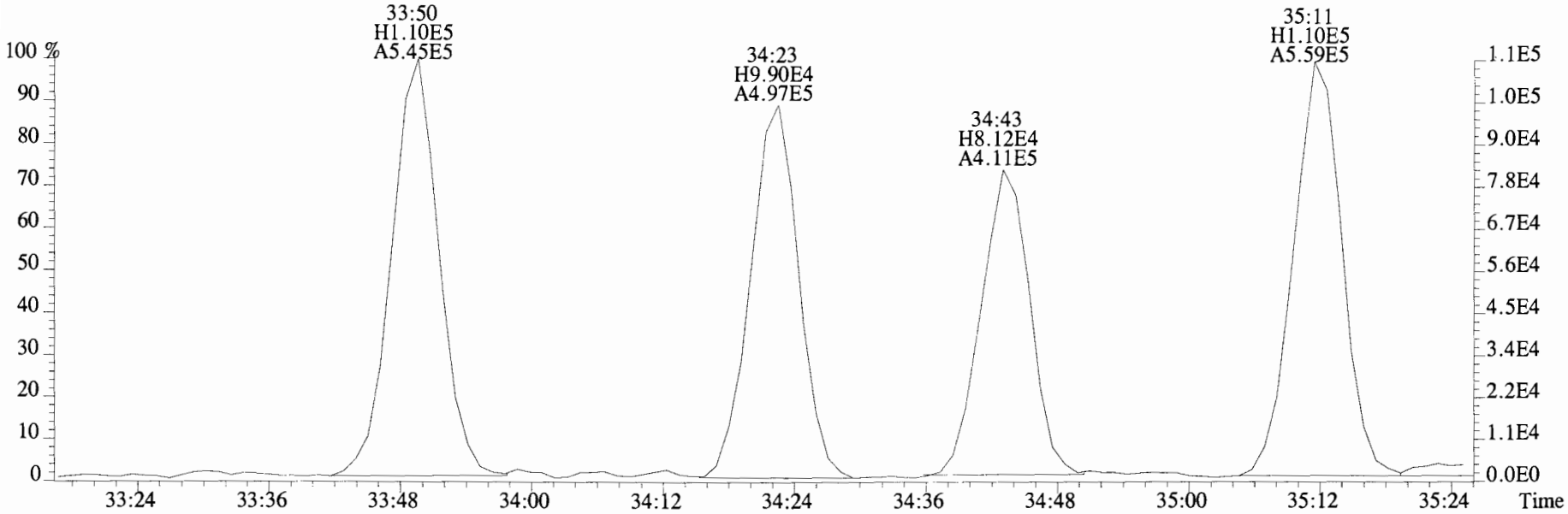
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



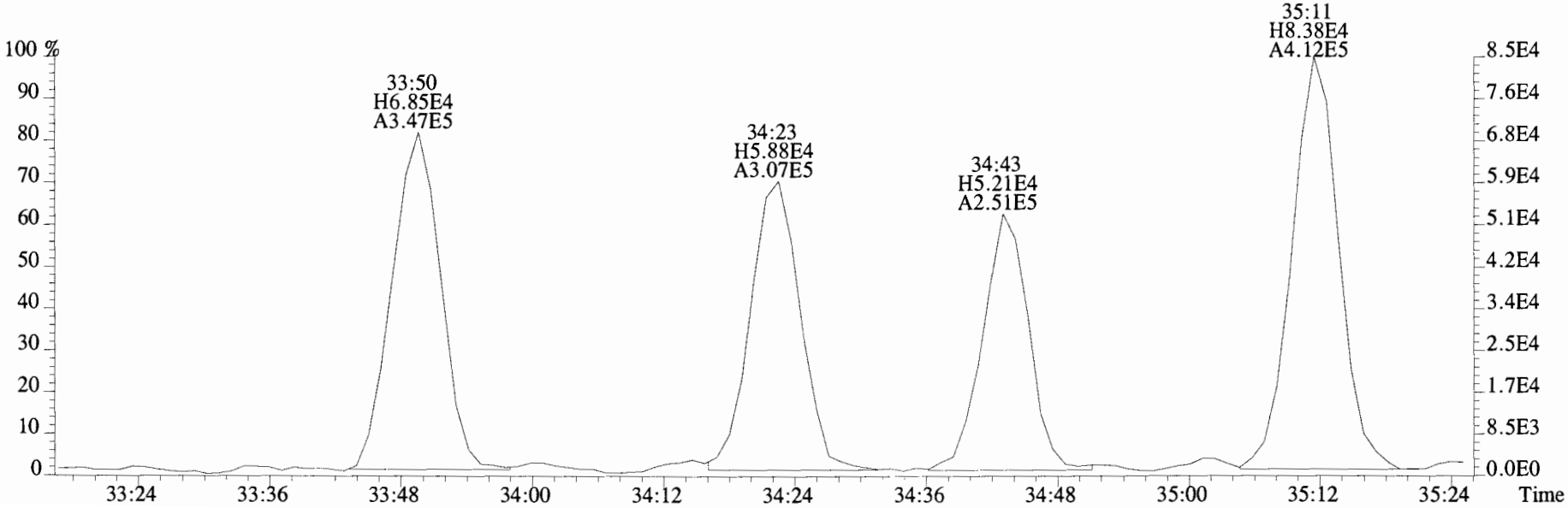
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



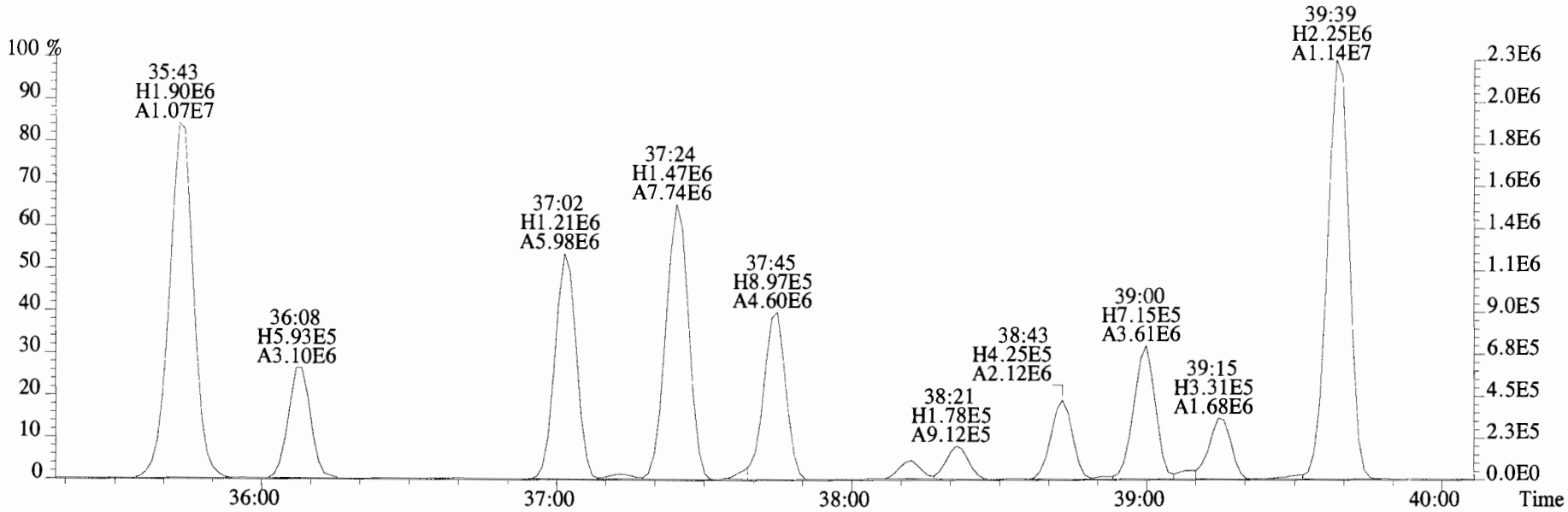
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



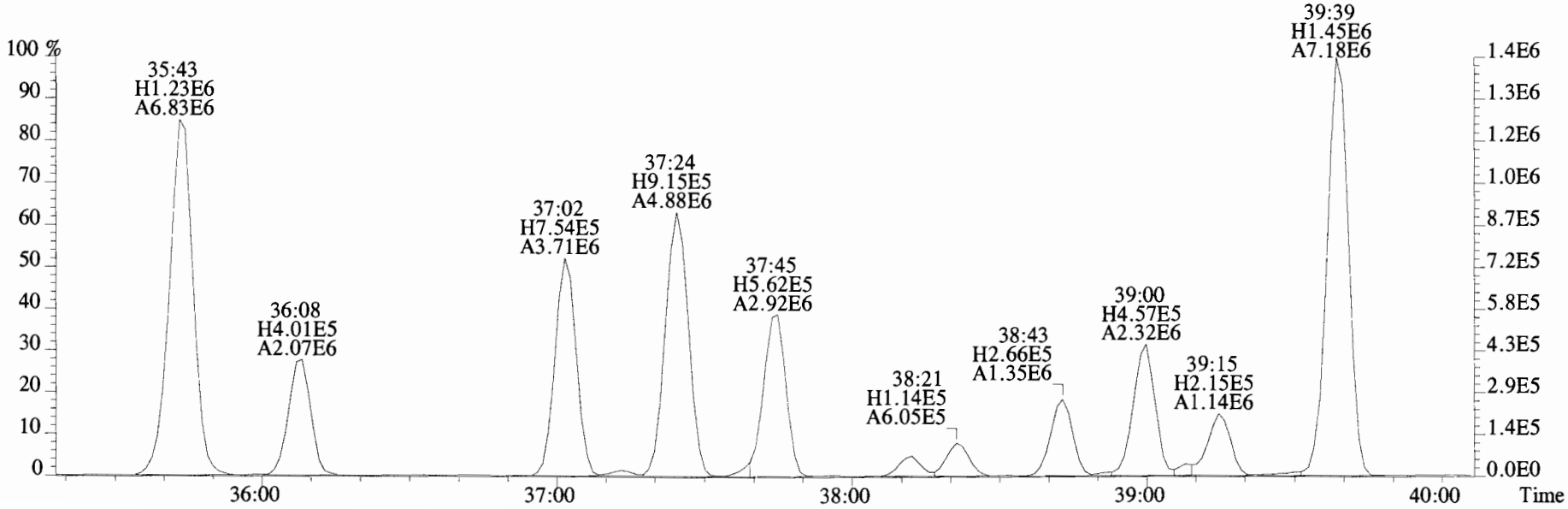
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



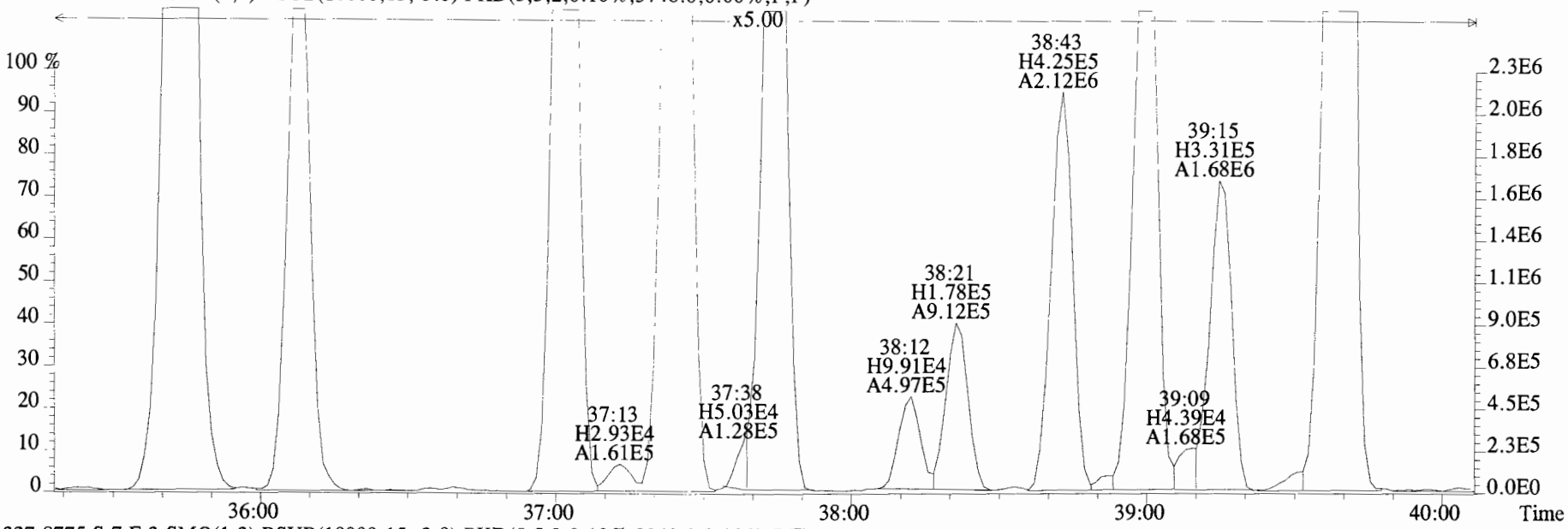
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



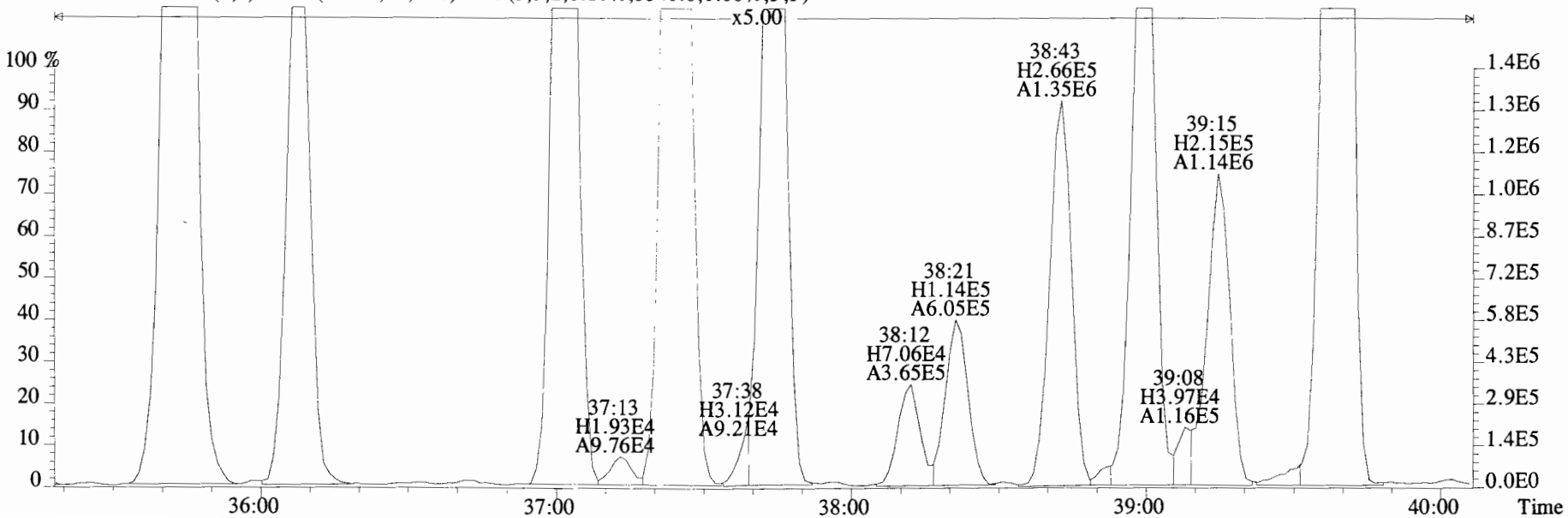
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



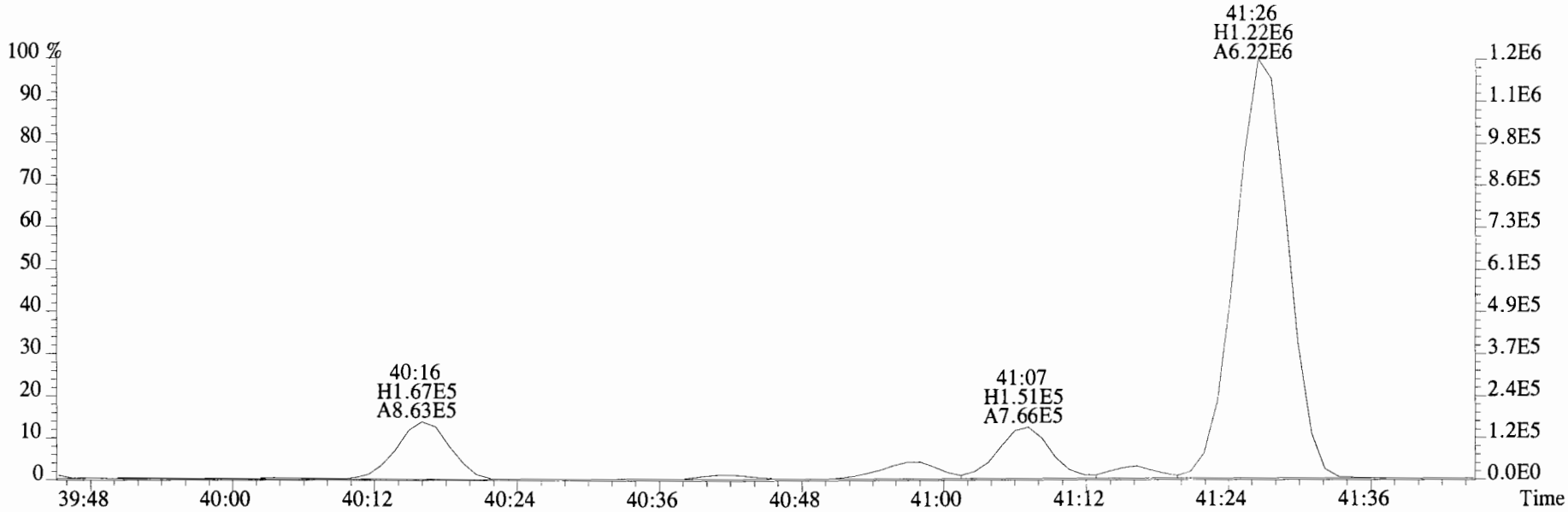
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



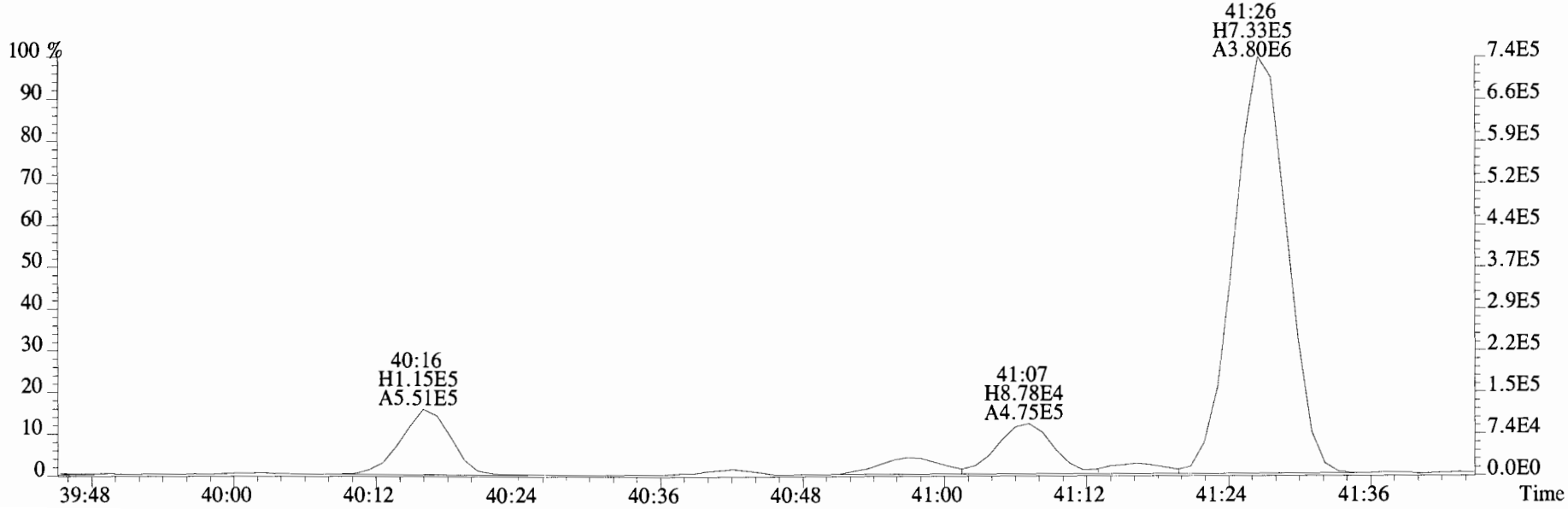
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



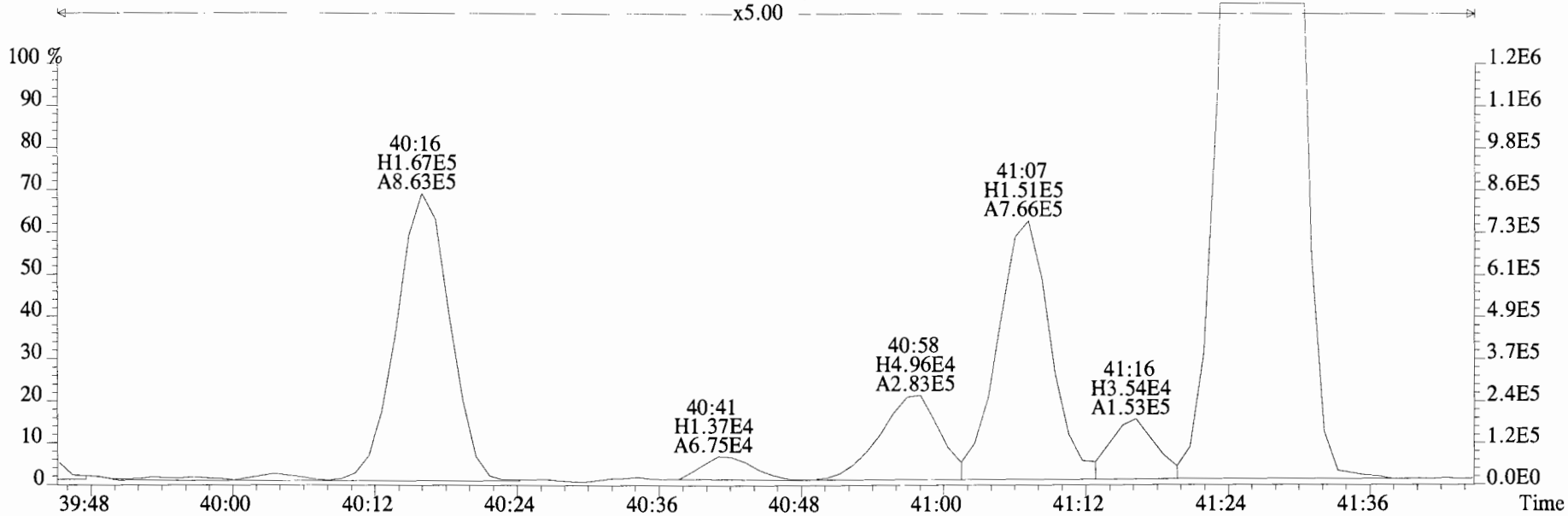
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



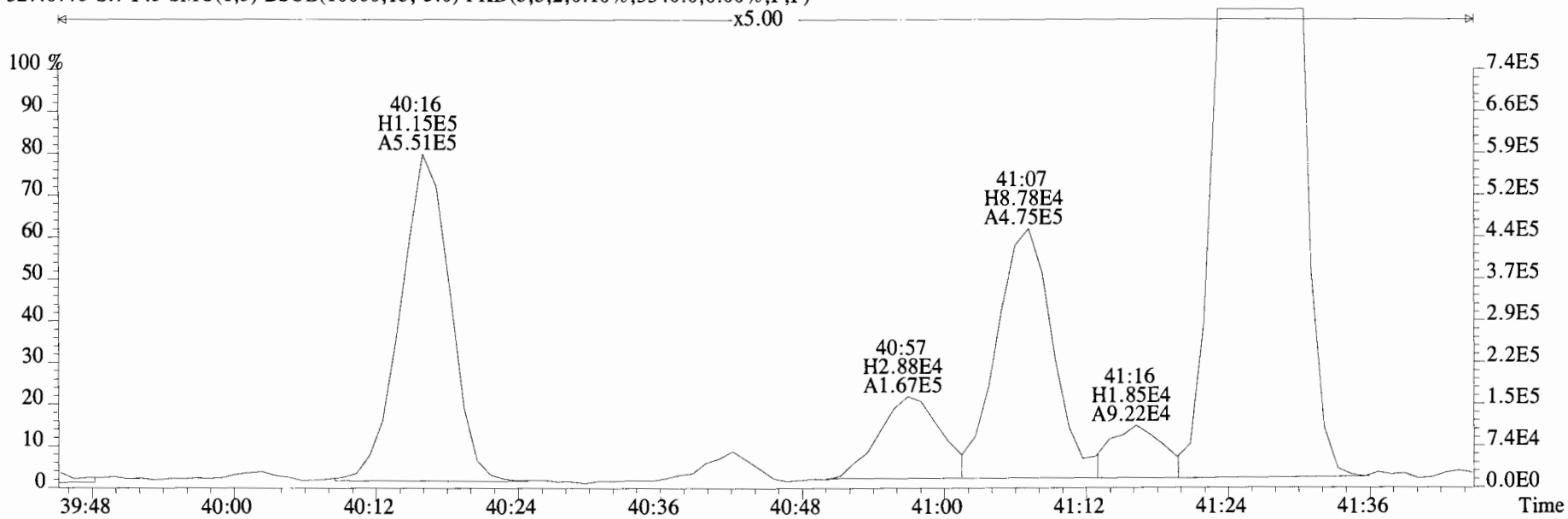
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



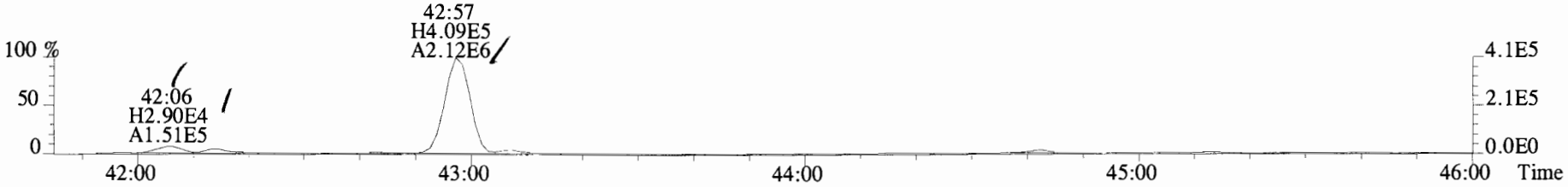
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3748.0,0.00%,F,F)



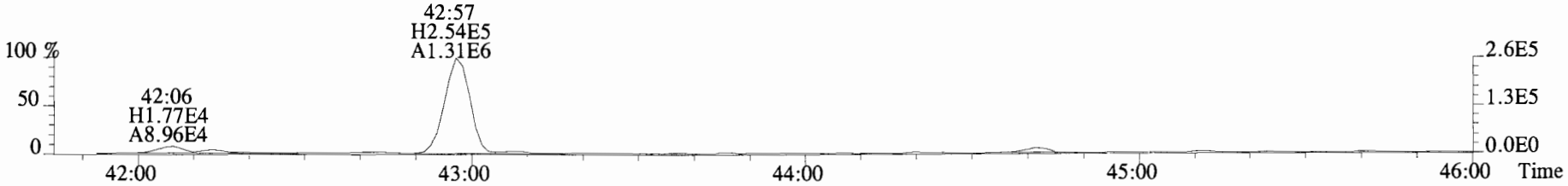
327.8775 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



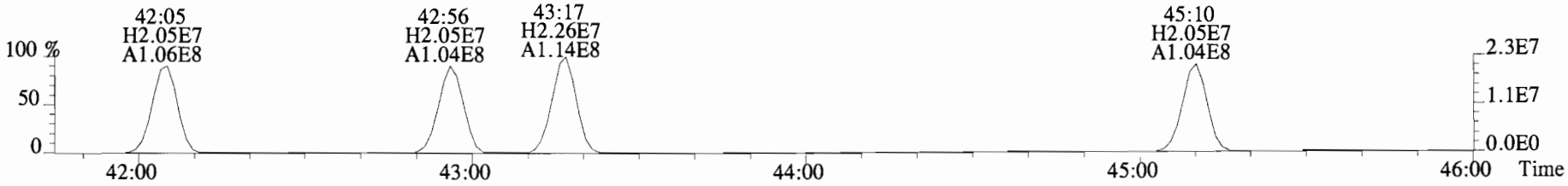
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3116.0,0.00%,F,F)



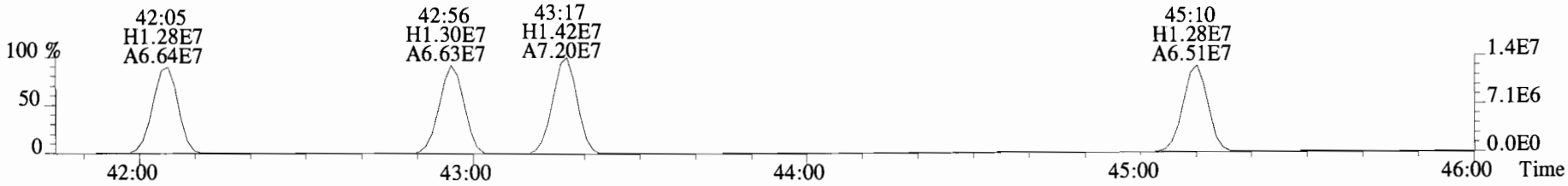
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



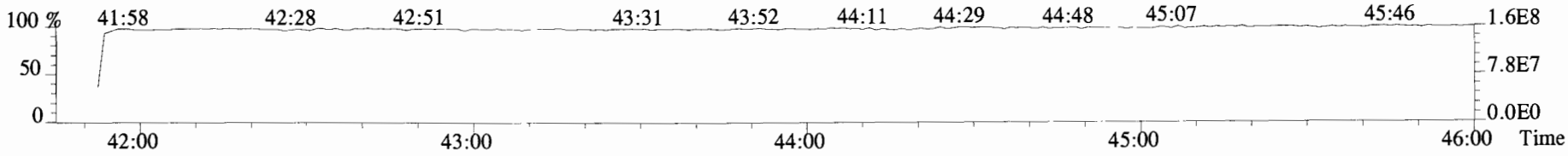
337.9207 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14684.0,0.00%,F,F)



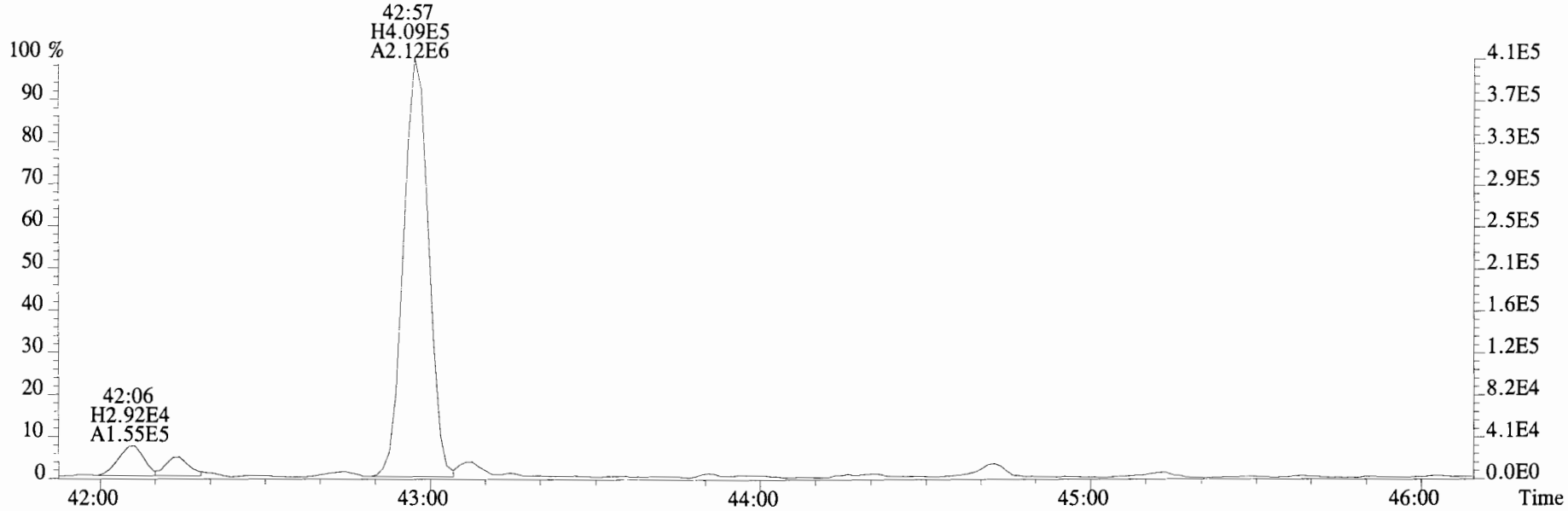
339.9177 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7420.0,0.00%,F,F)



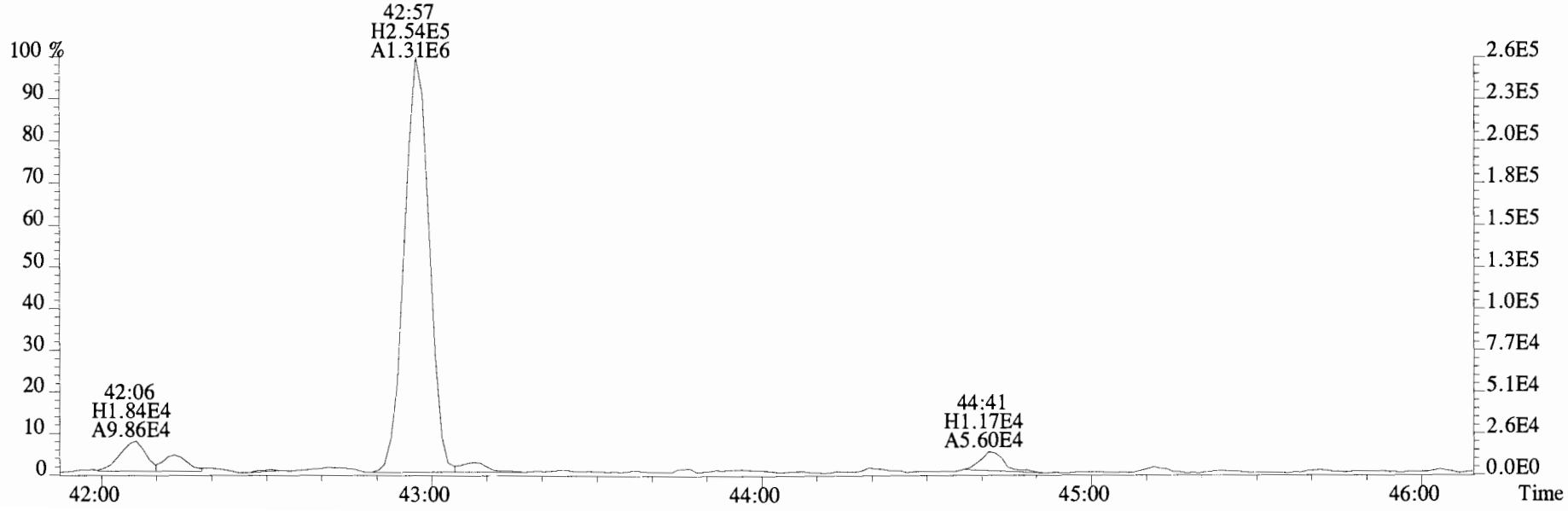
380.9760 S:7 F:4



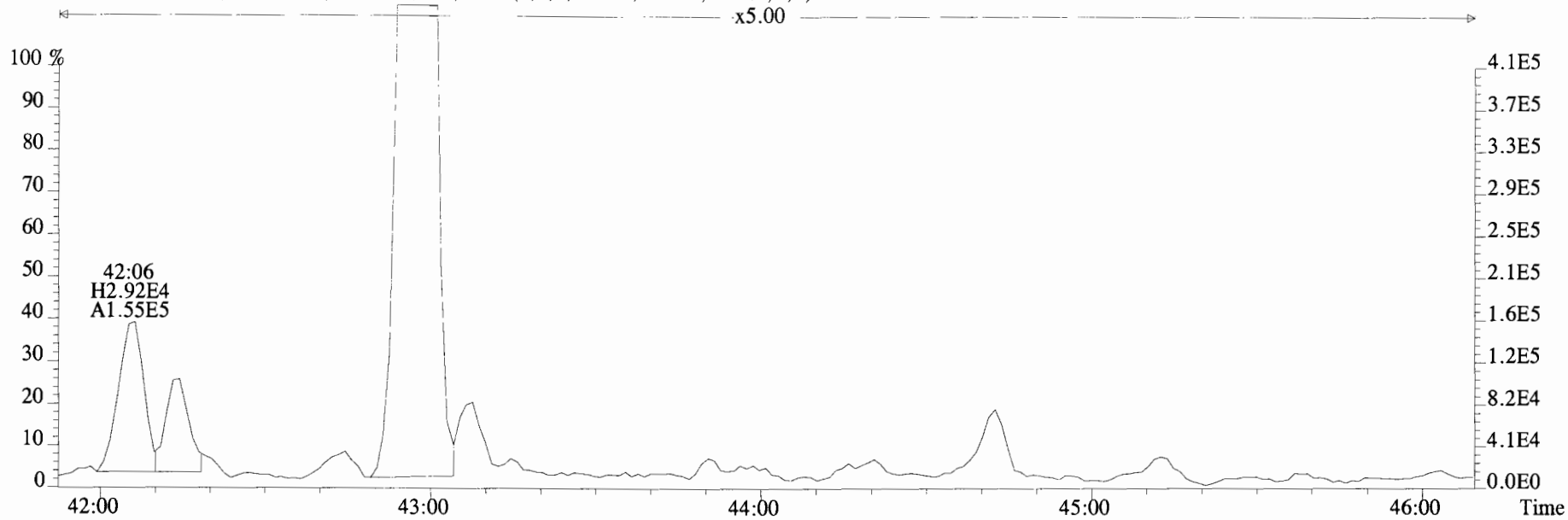
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3116.0,0.00%,F,F)



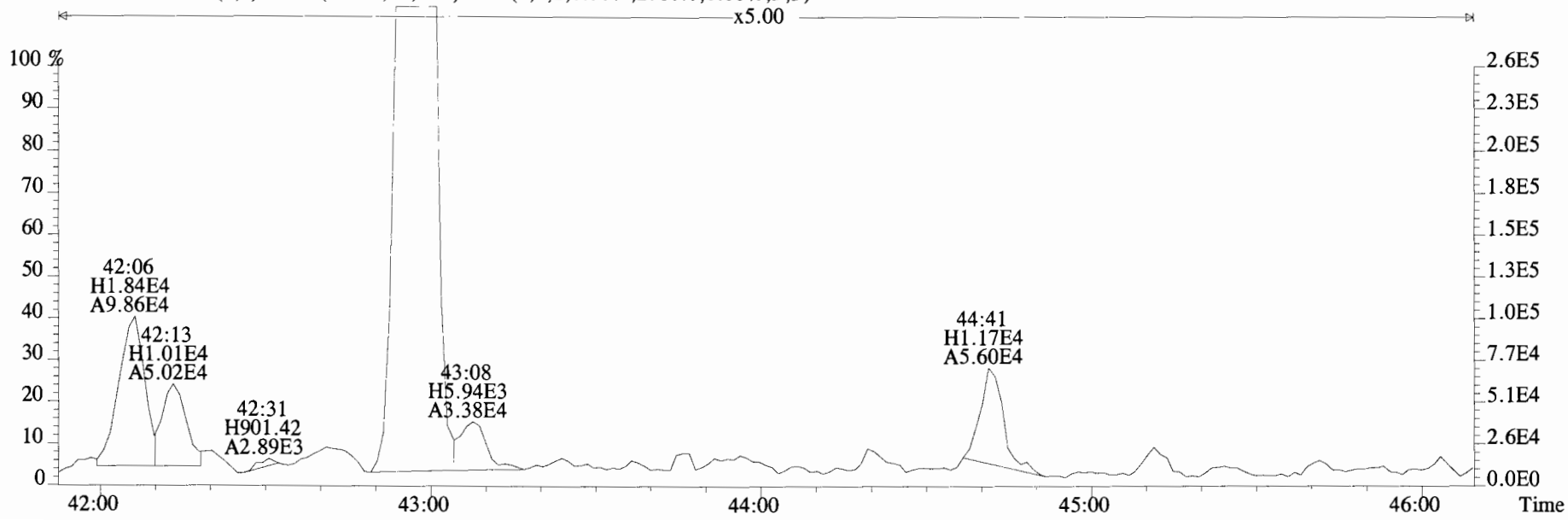
327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)



File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
325.8804 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3116.0,0.00%,F,F)

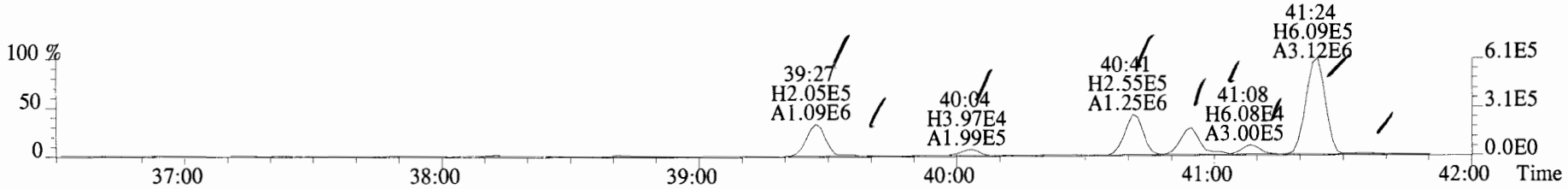


327.8775 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2780.0,0.00%,F,F)

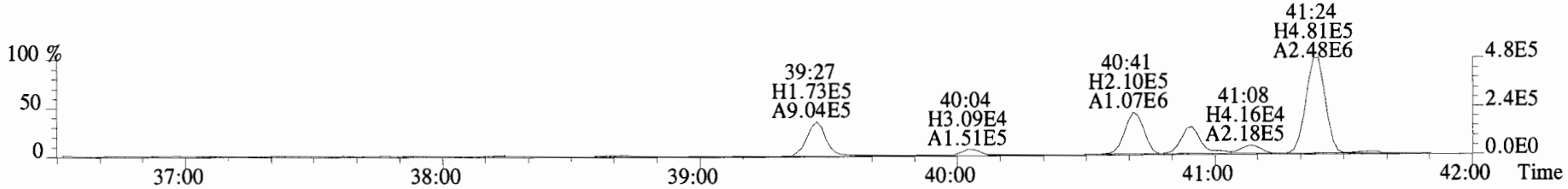


File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1

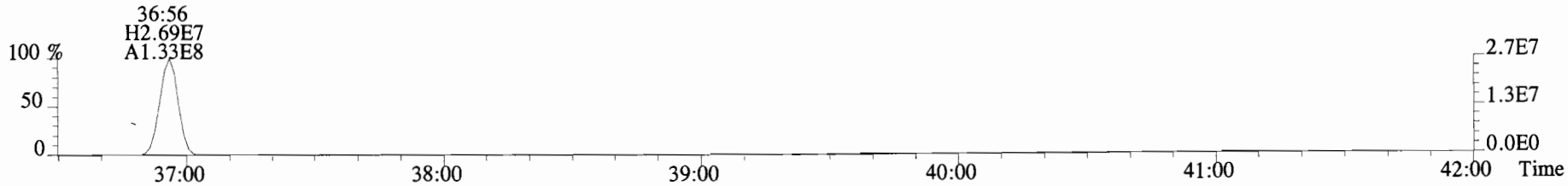
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3400.0,0.00%,F,F)



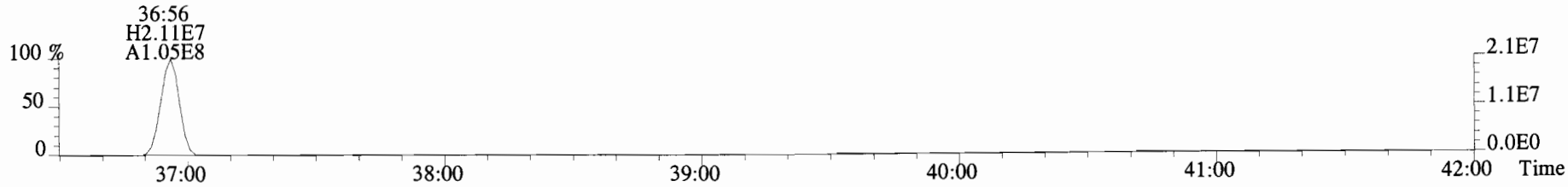
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3224.0,0.00%,F,F)



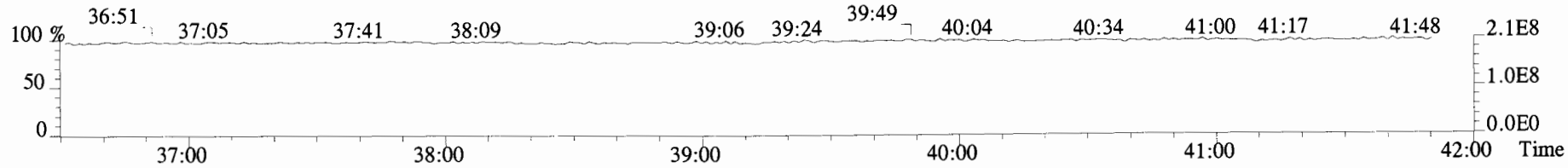
371.8817 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2868.0,0.00%,F,F)



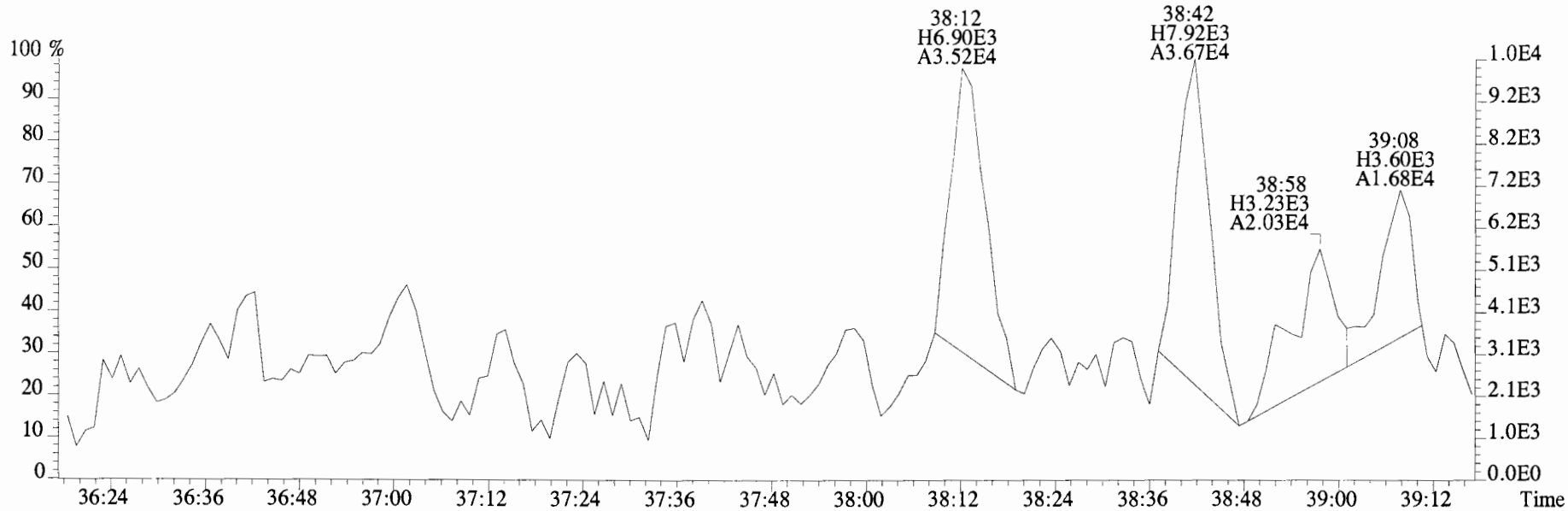
373.8788 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3992.0,0.00%,F,F)



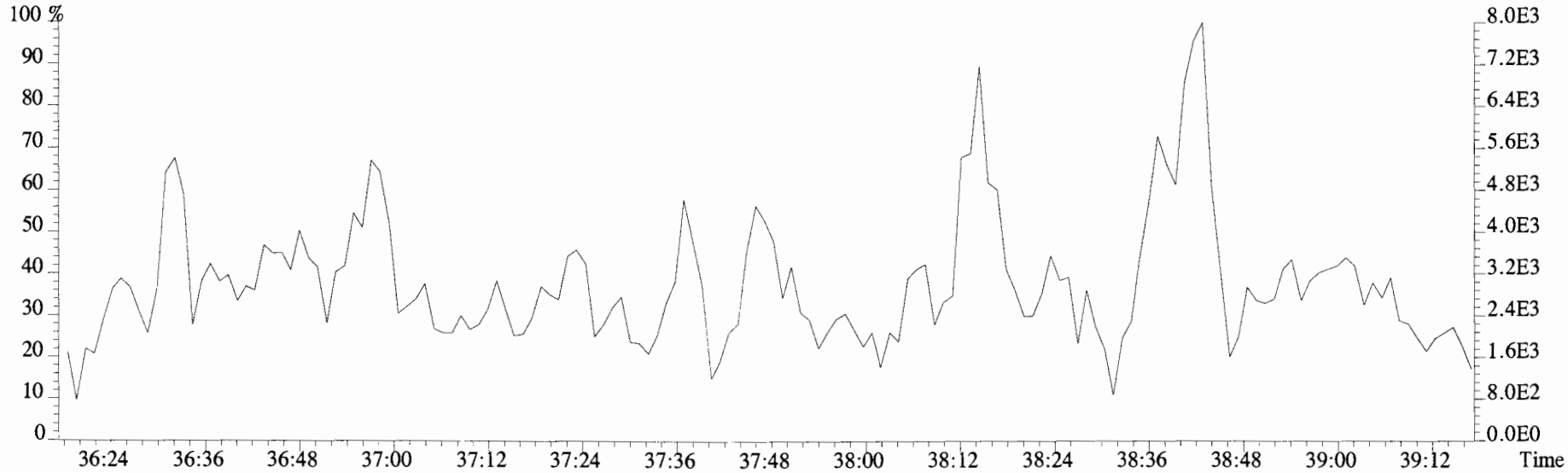
330.9792 S:7 F:3



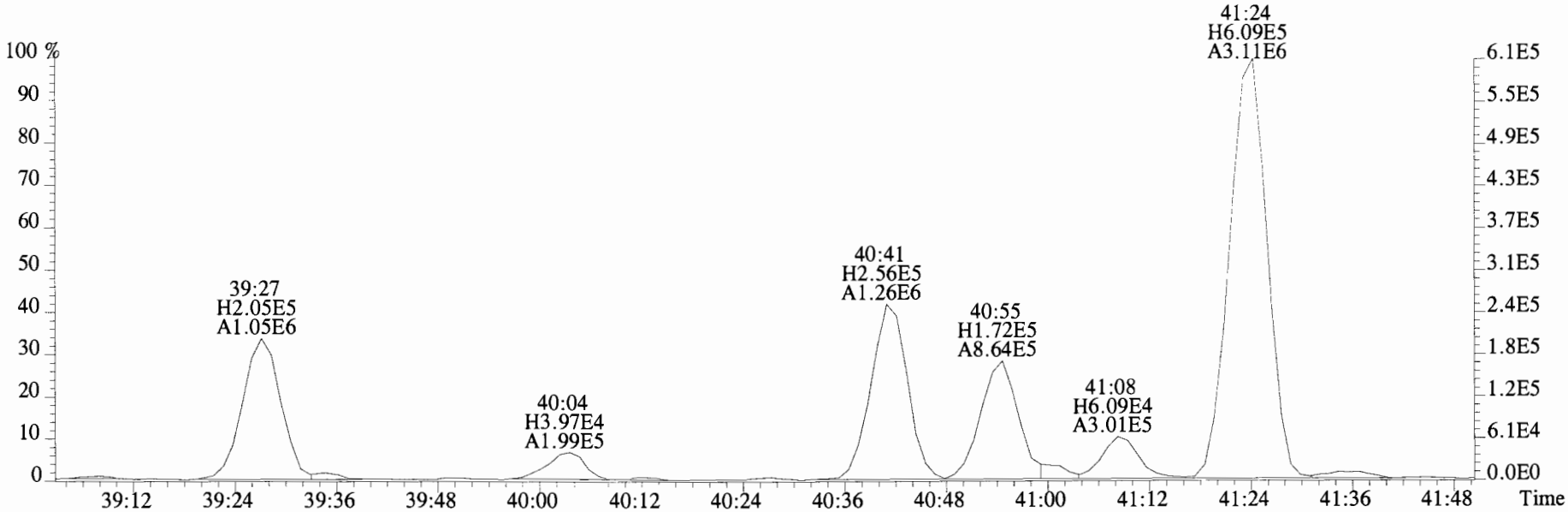
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



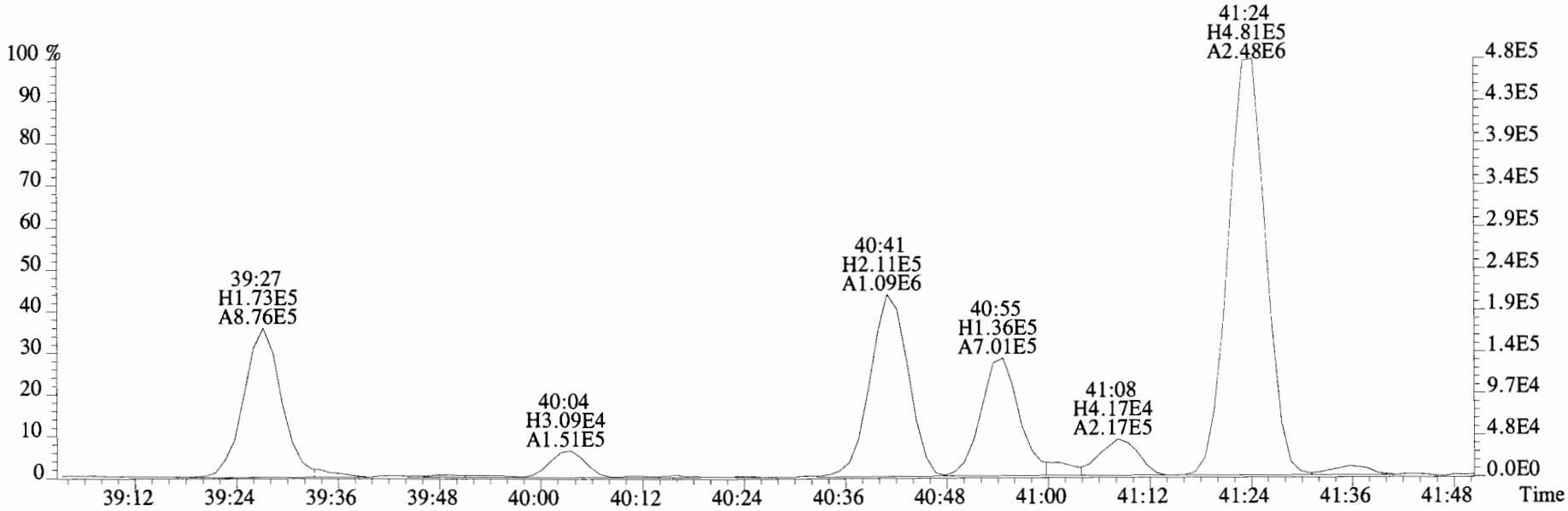
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



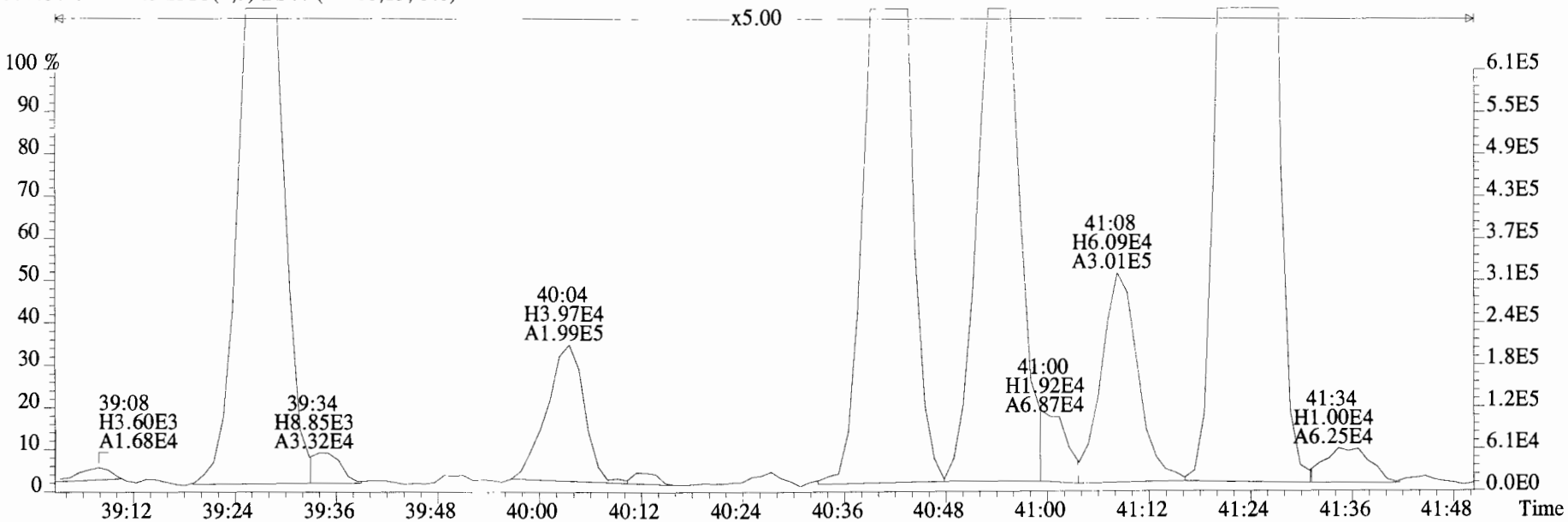
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



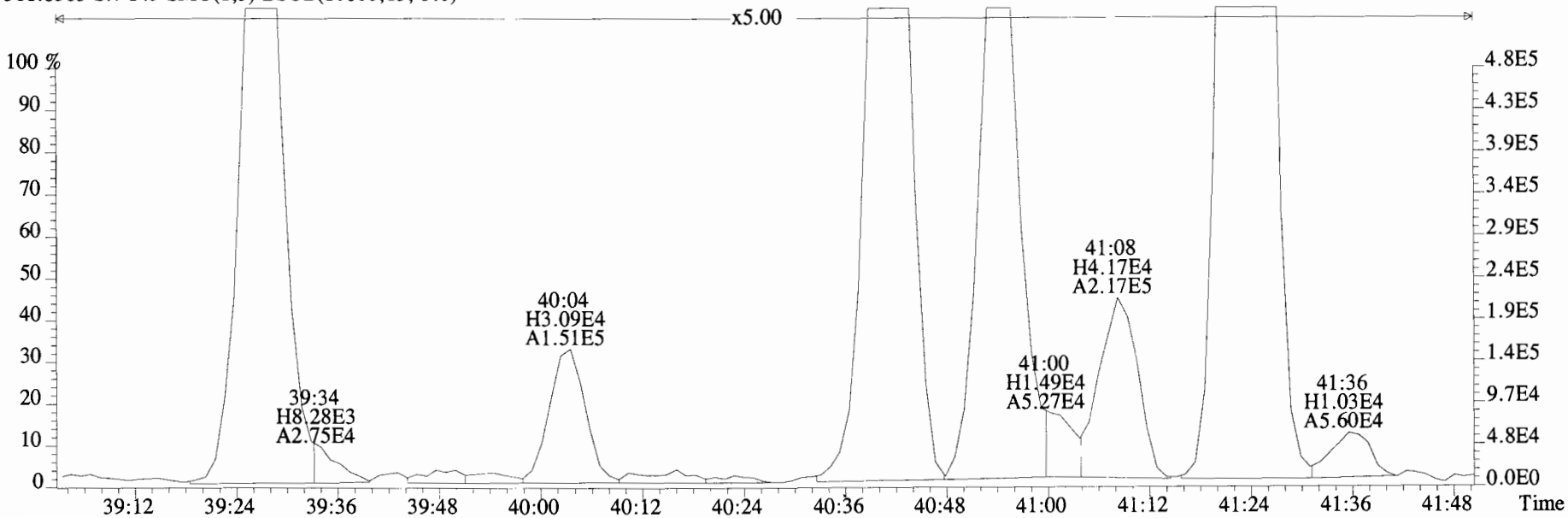
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



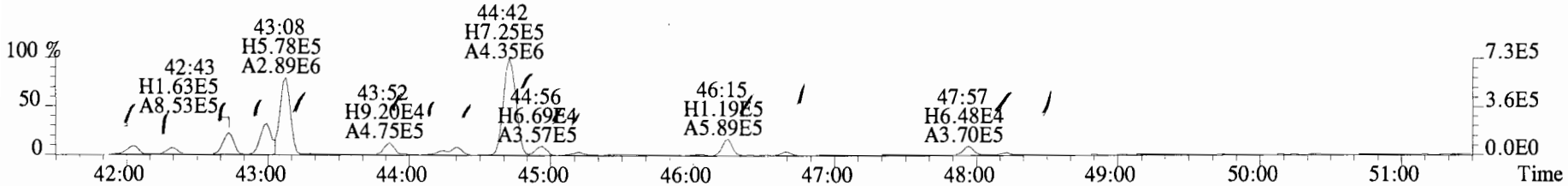
File:180118E2 #1-756 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
359.8415 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



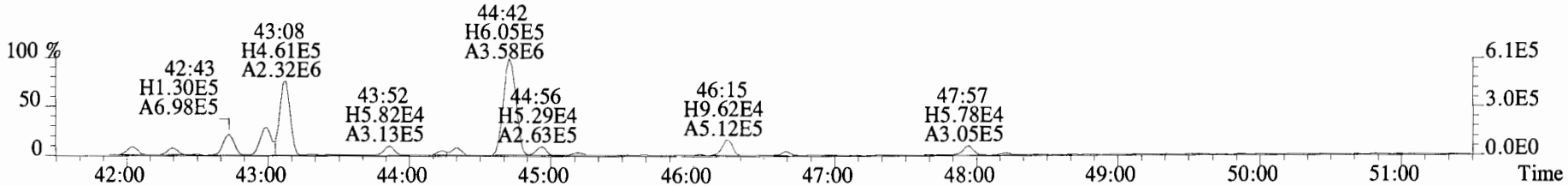
361.8385 S:7 F:3 SMO(1,3) BSUB(10000,15,-3.0)



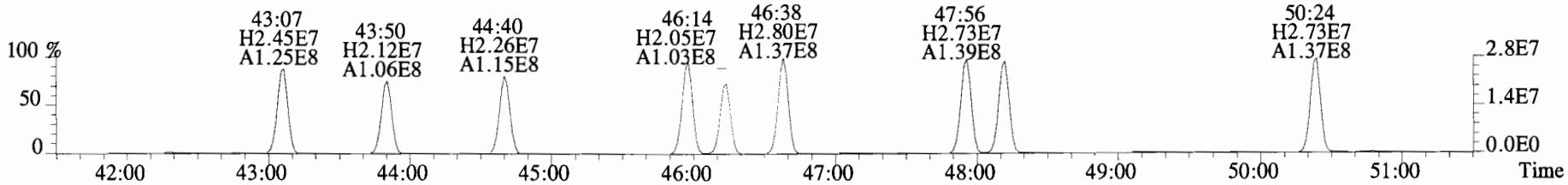
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2856.0,0.00%,F,F)



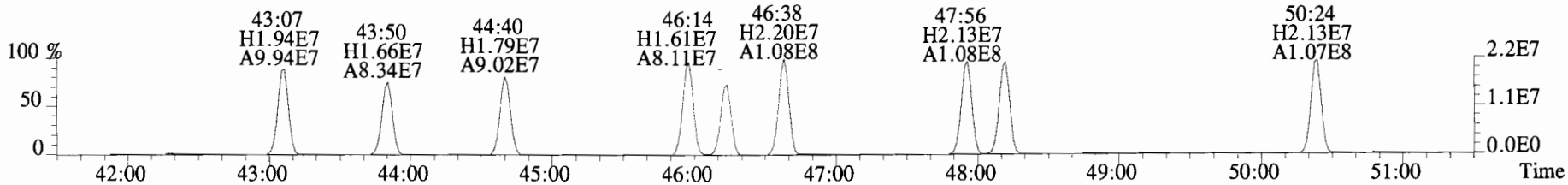
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3964.0,0.00%,F,F)



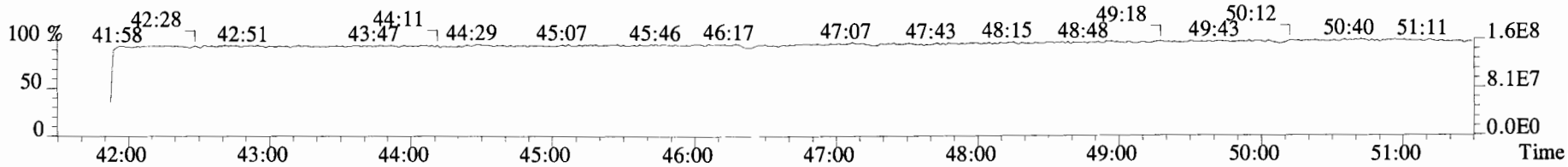
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22708.0,0.00%,F,F)



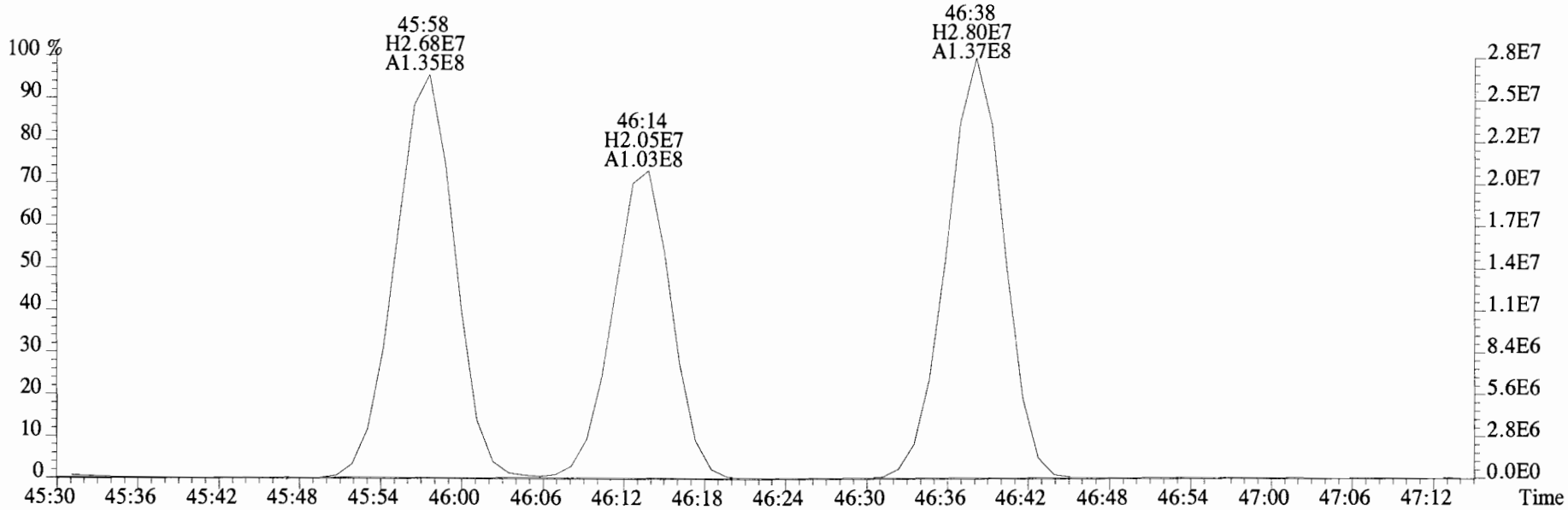
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20248.0,0.00%,F,F)



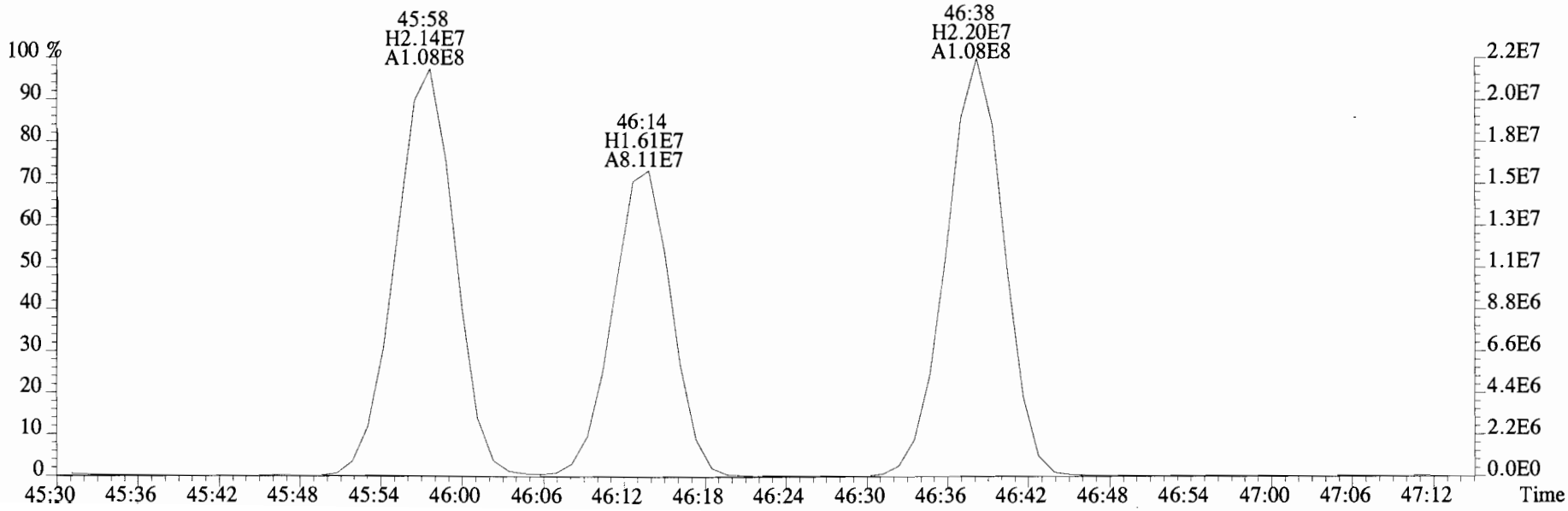
380.9760 S:7 F:4



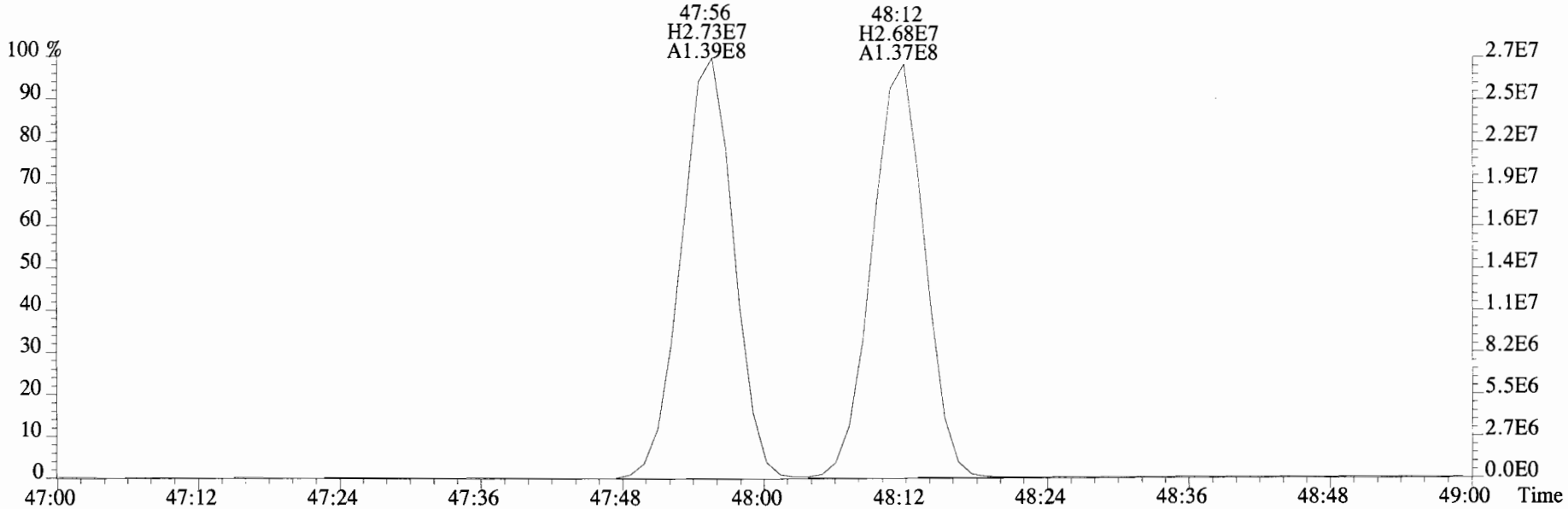
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22708.0,0.00%,F,F)



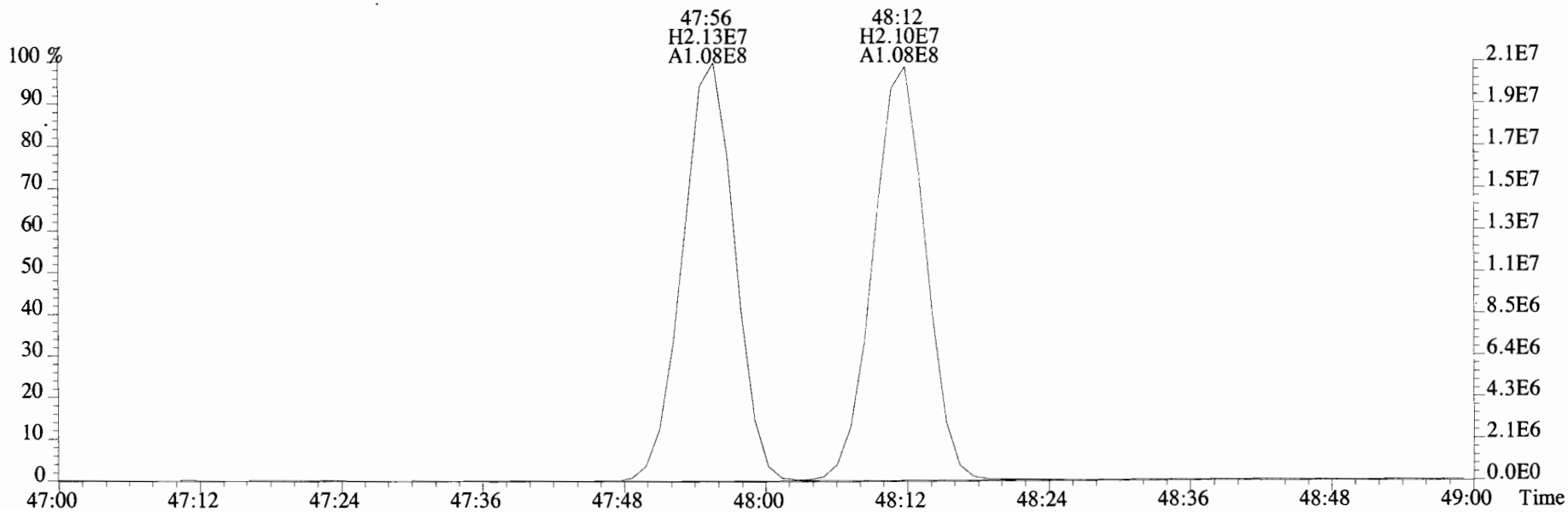
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20248.0,0.00%,F,F)



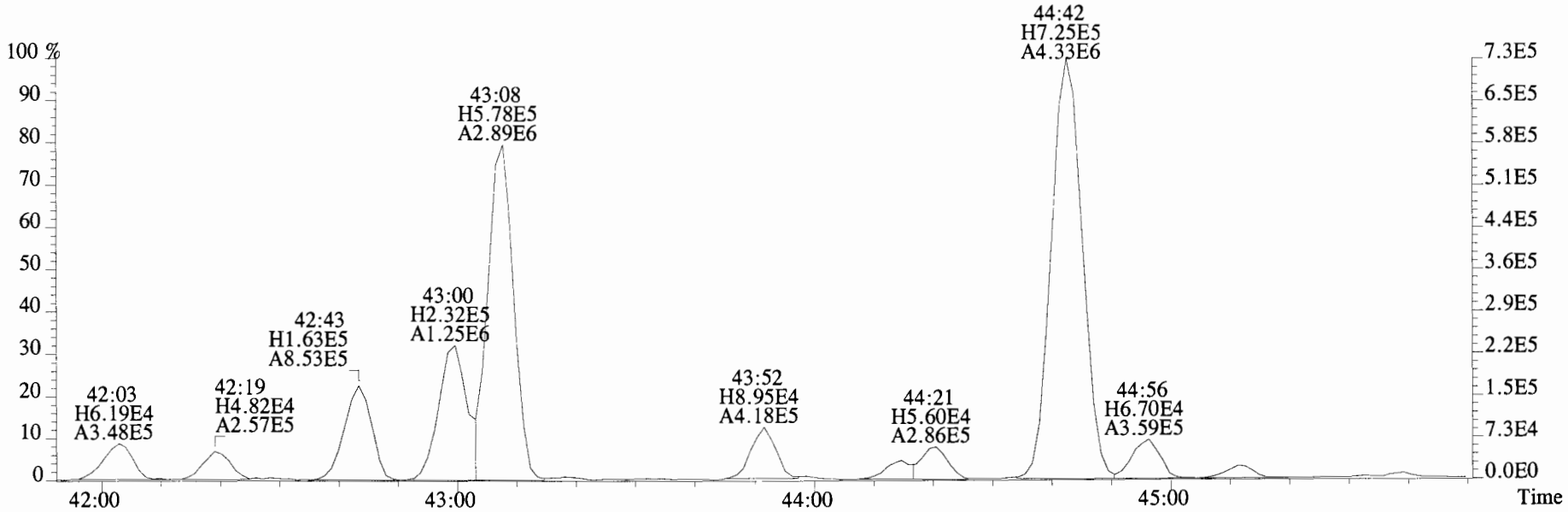
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
371.8817 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22708.0,0.00%,F,F)



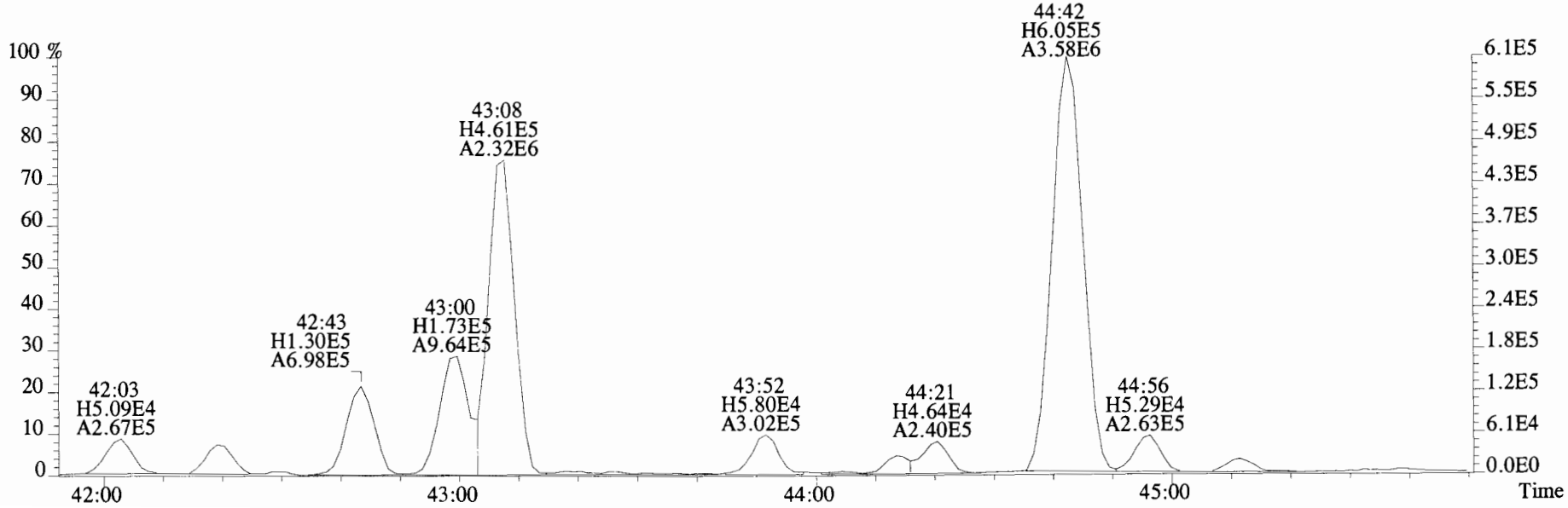
373.8788 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20248.0,0.00%,F,F)



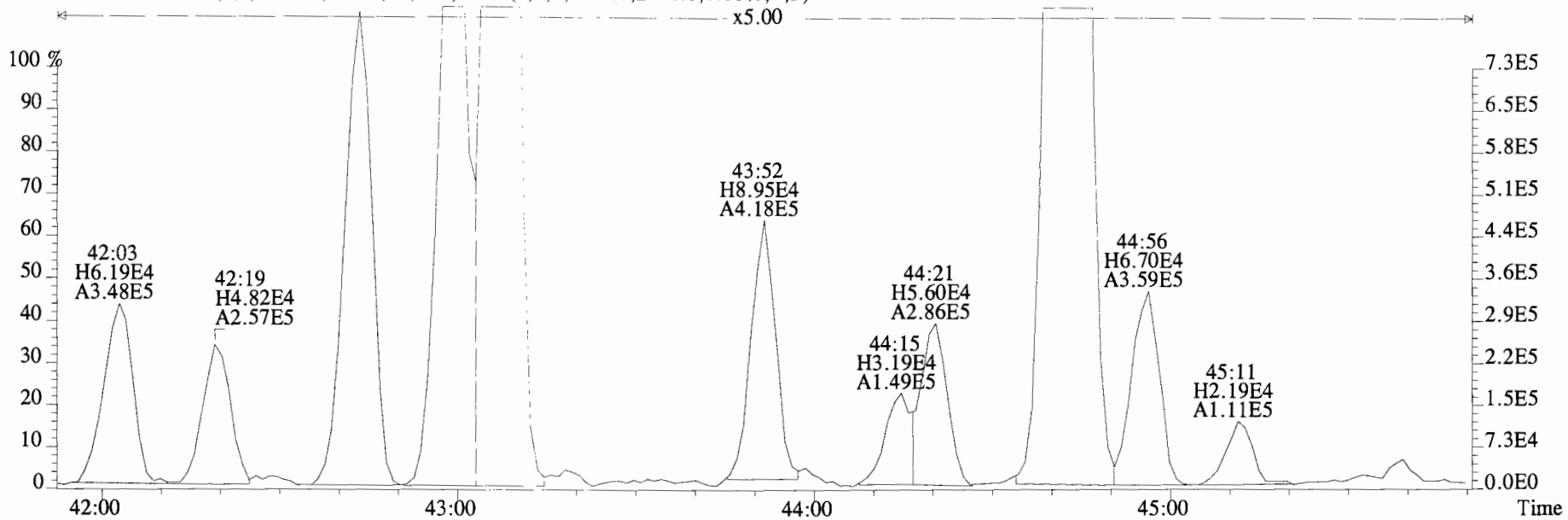
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2856.0,0.00%,F,F)



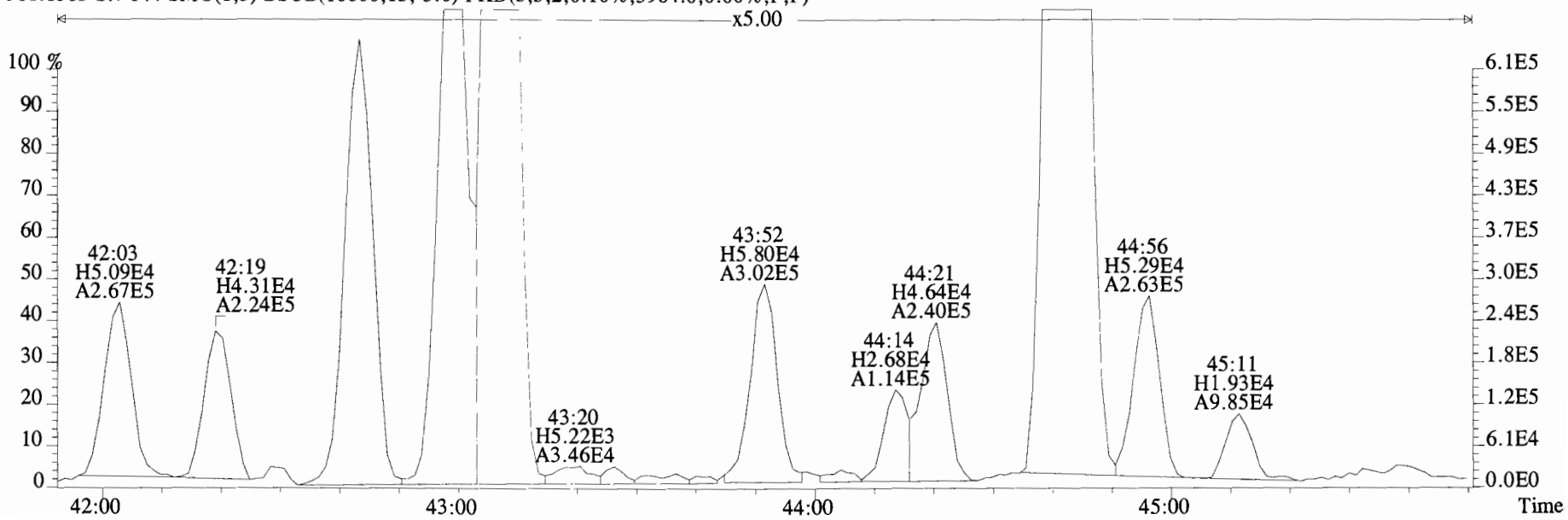
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3964.0,0.00%,F,F)



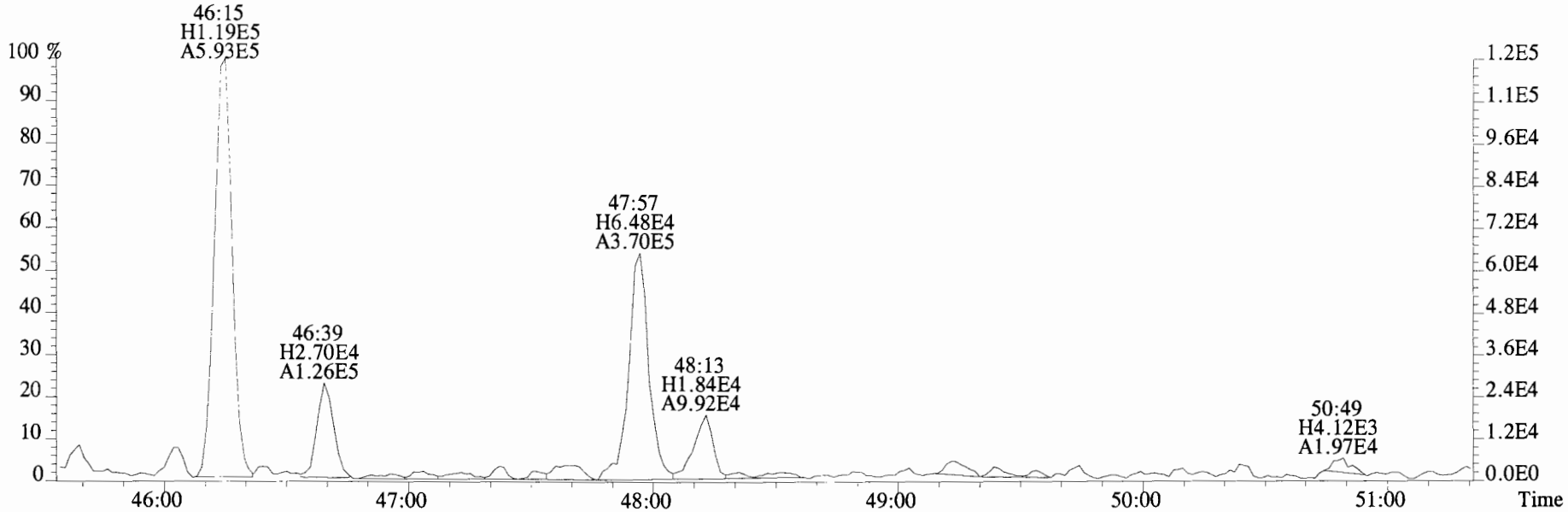
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2856.0,0.00%,F,F)



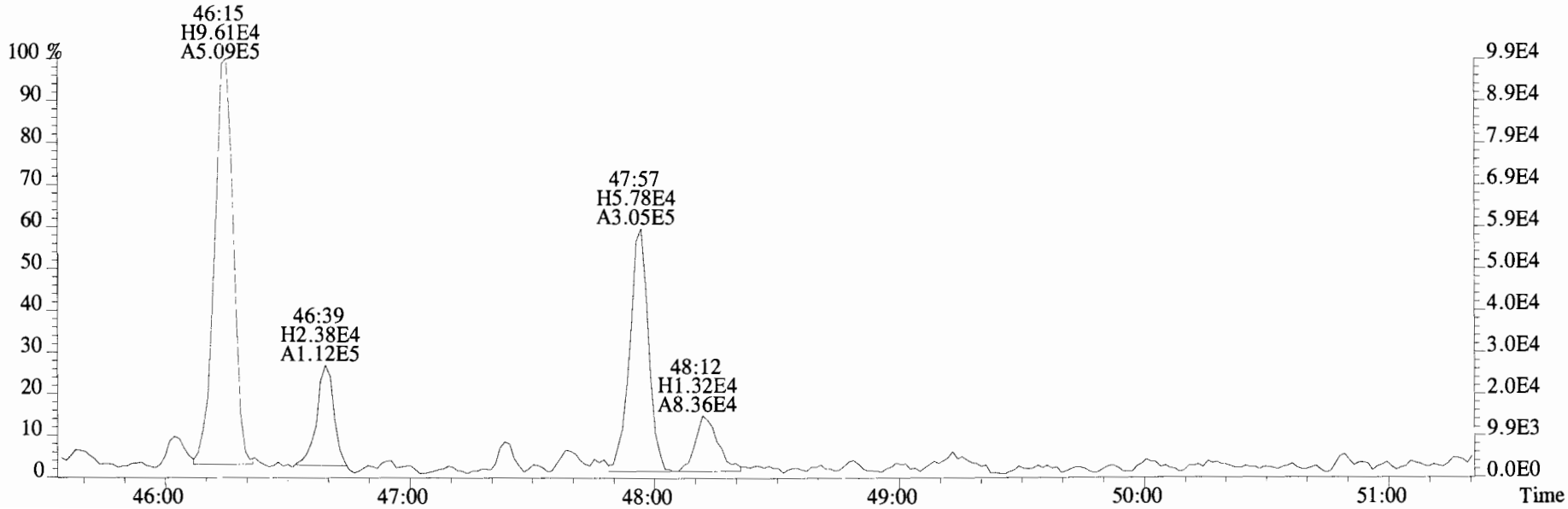
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3964.0,0.00%,F,F)



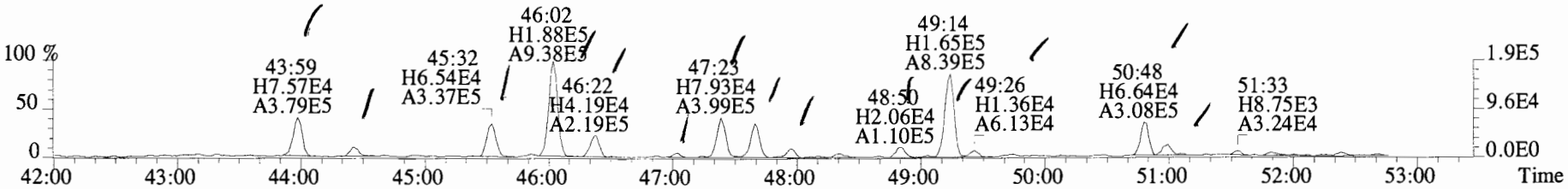
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
359.8415 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2856.0,0.00%,F,F)



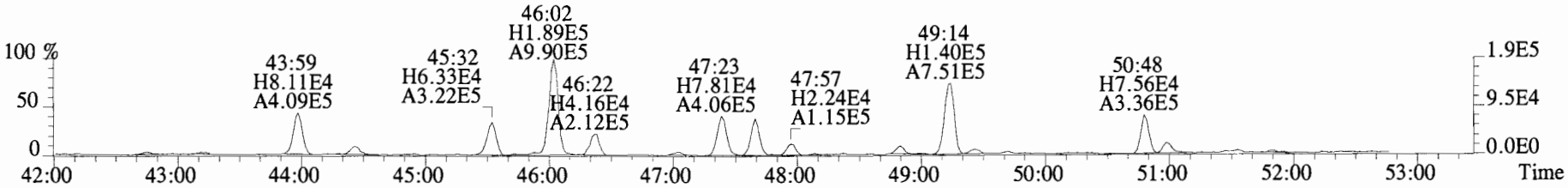
361.8385 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3964.0,0.00%,F,F)



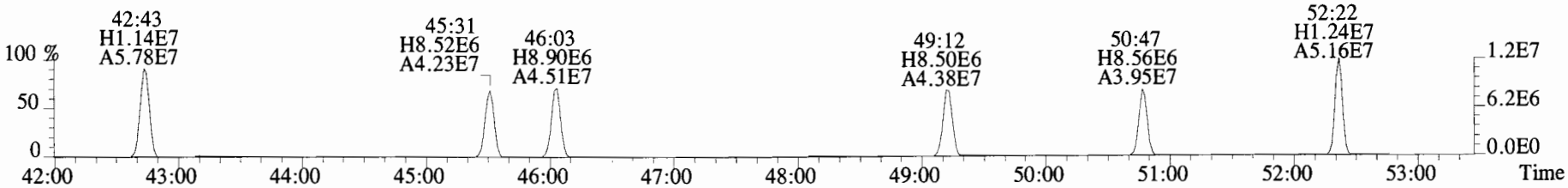
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4400.0,0.00%,F,F)



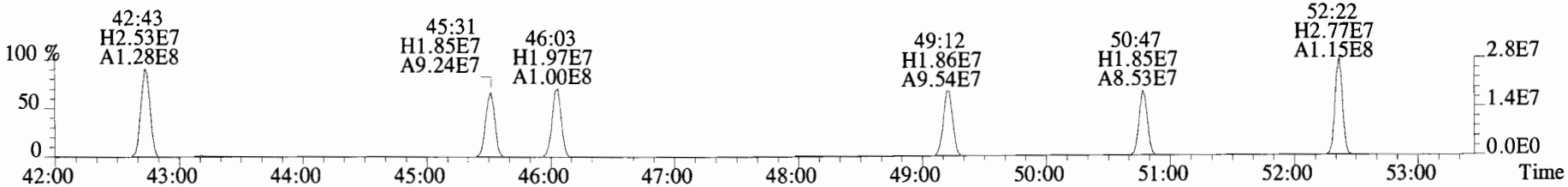
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



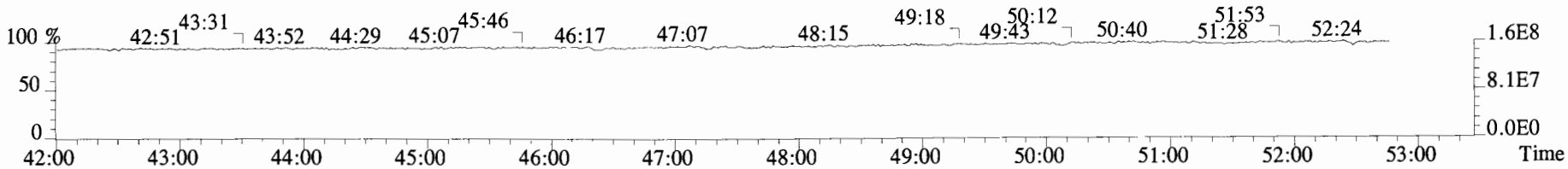
403.8457 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11048.0,0.00%,F,F)



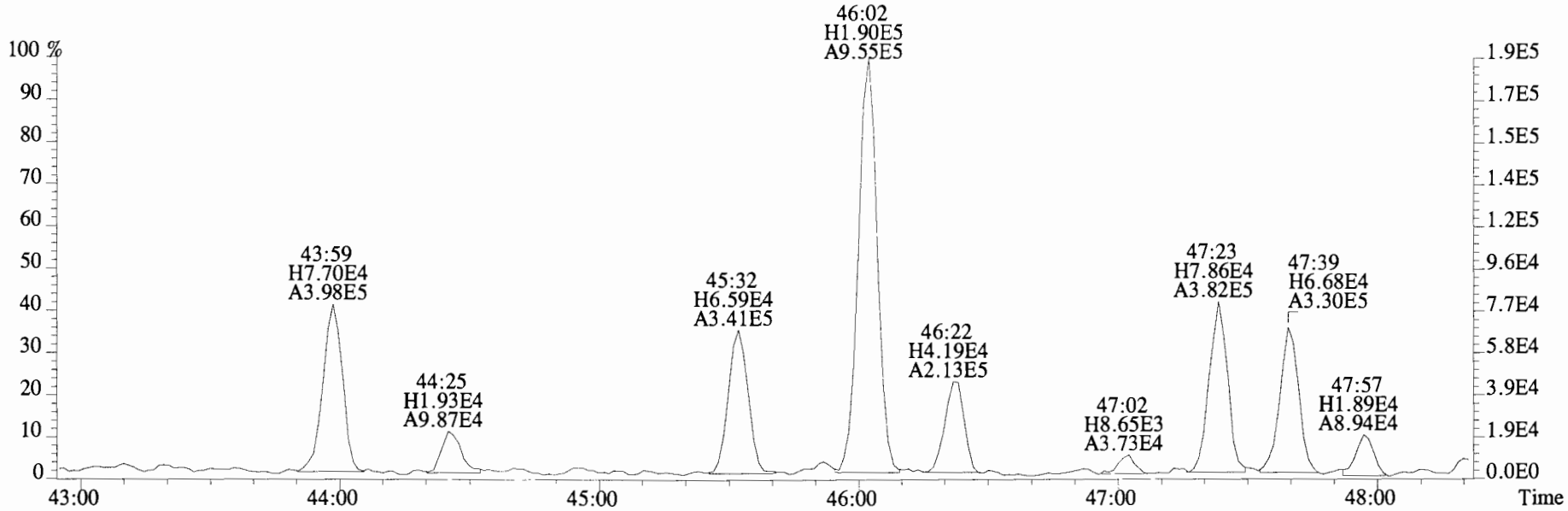
405.8428 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19040.0,0.00%,F,F)



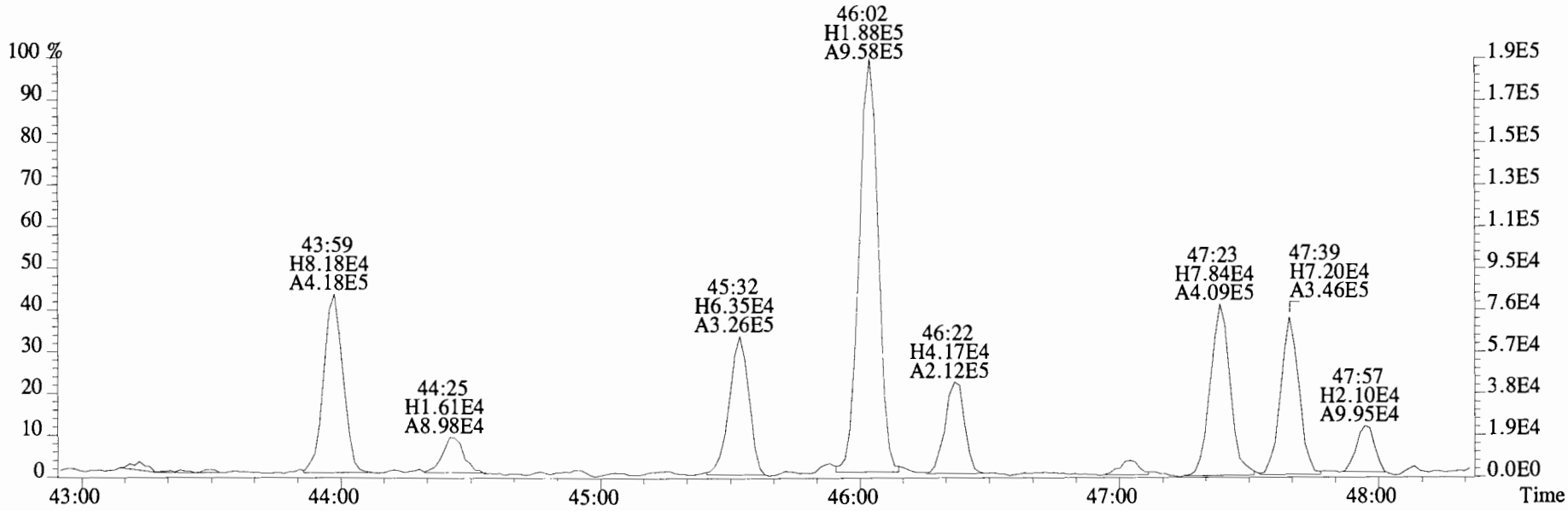
380.9760 S:7 F:4



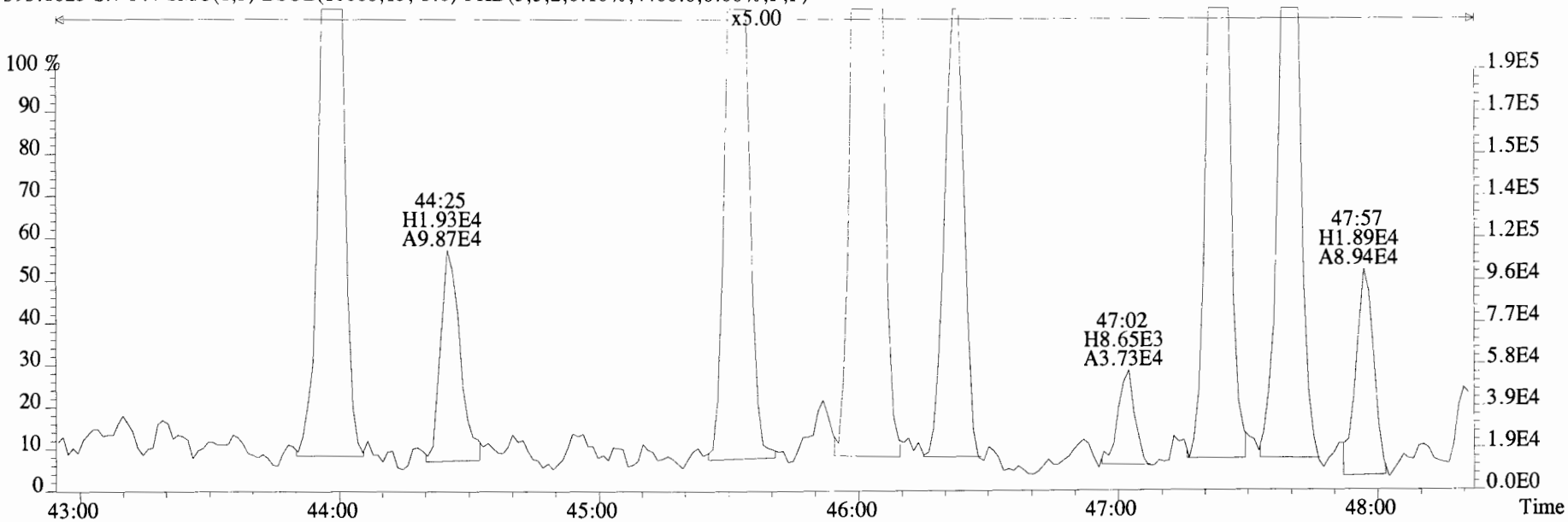
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4400.0,0.00%,F,F)



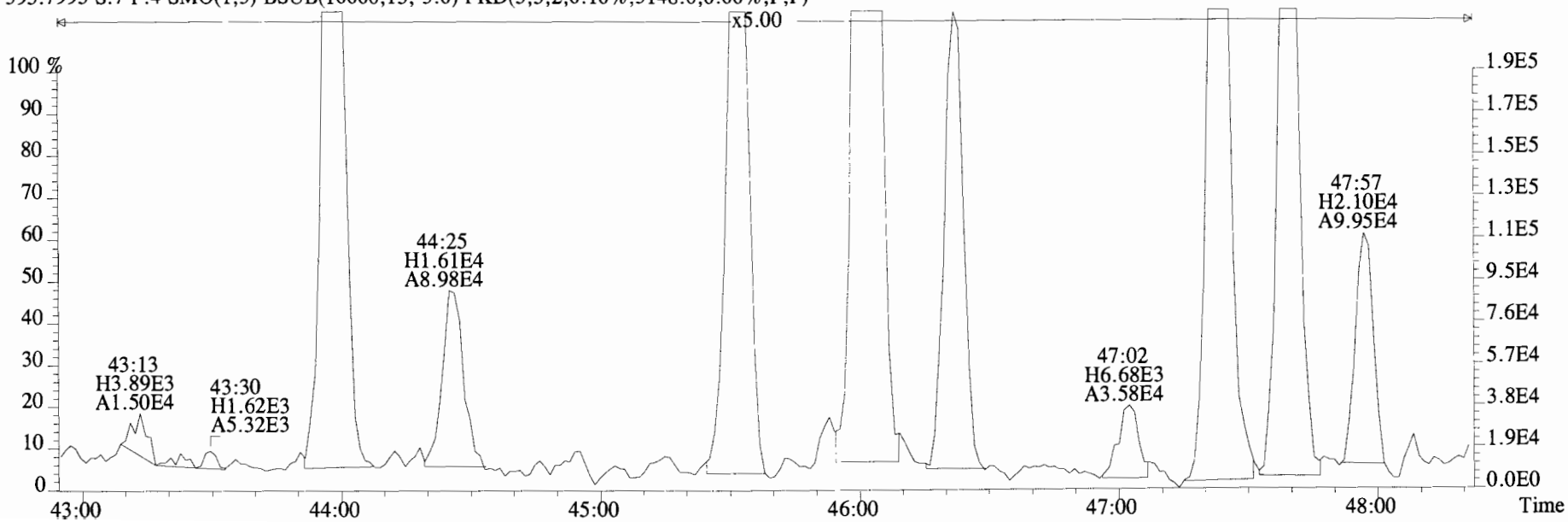
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



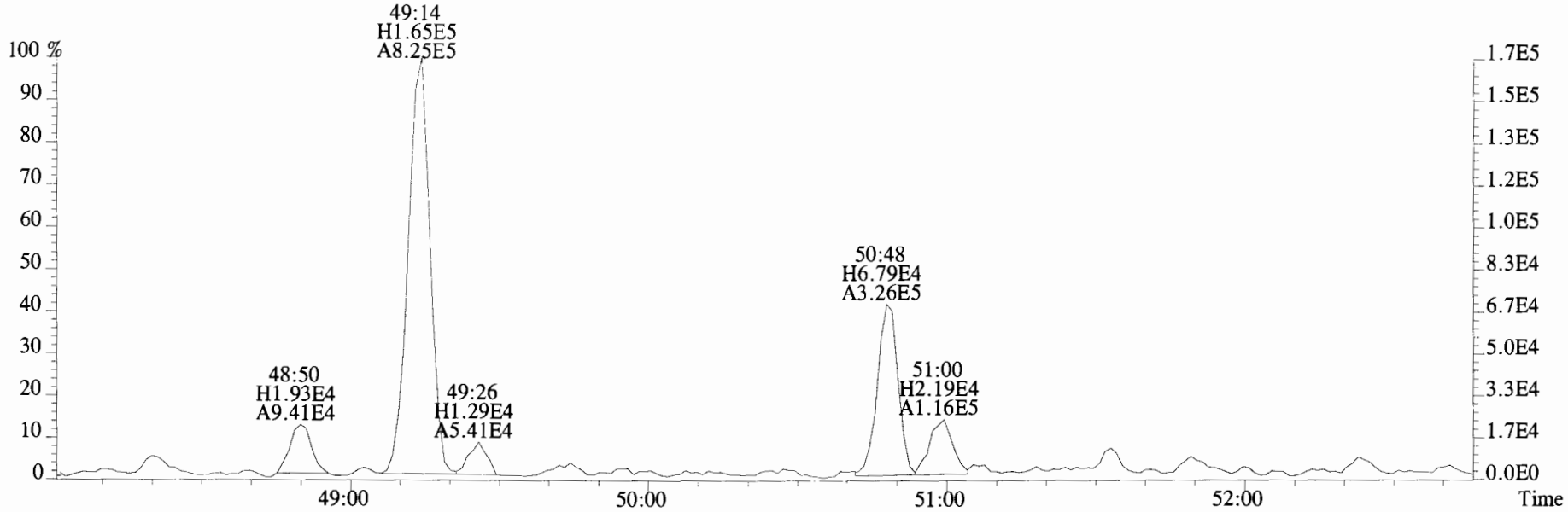
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4400.0,0.00%,F,F)



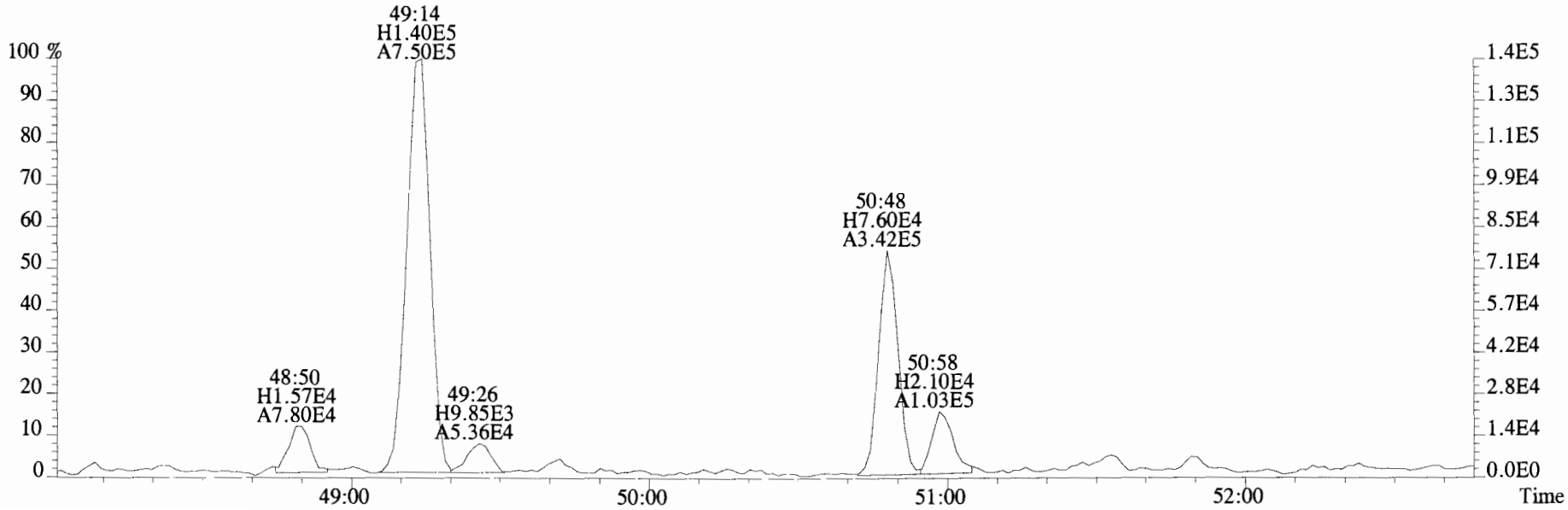
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



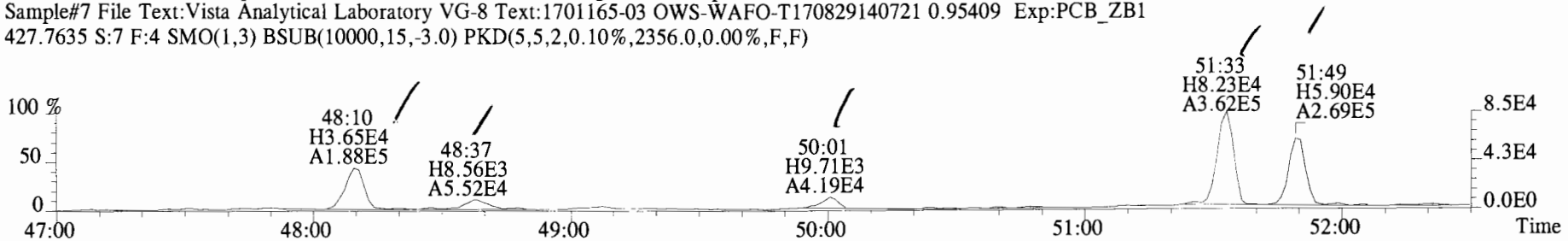
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
393.8025 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4400.0,0.00%,F,F)



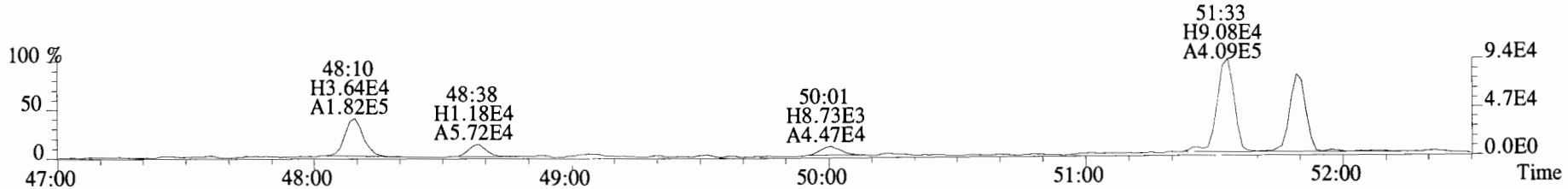
395.7995 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3148.0,0.00%,F,F)



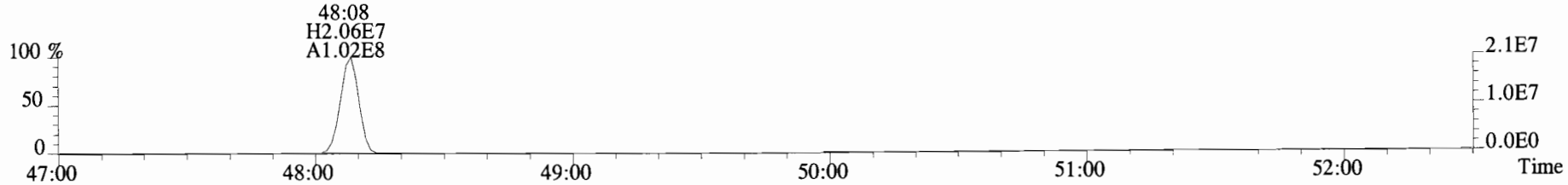
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



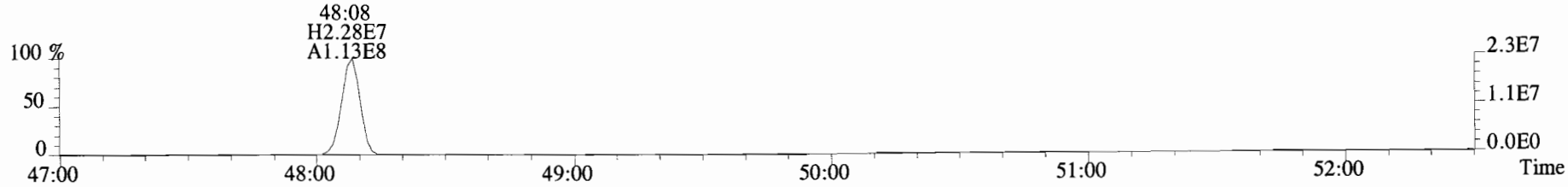
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2492.0,0.00%,F,F)



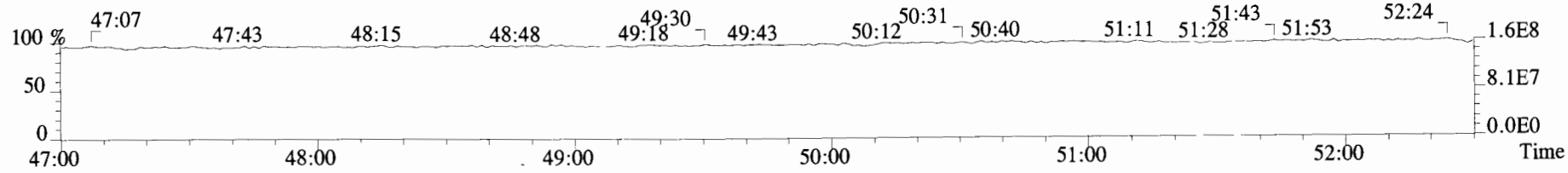
439.8038 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1556.0,0.00%,F,F)



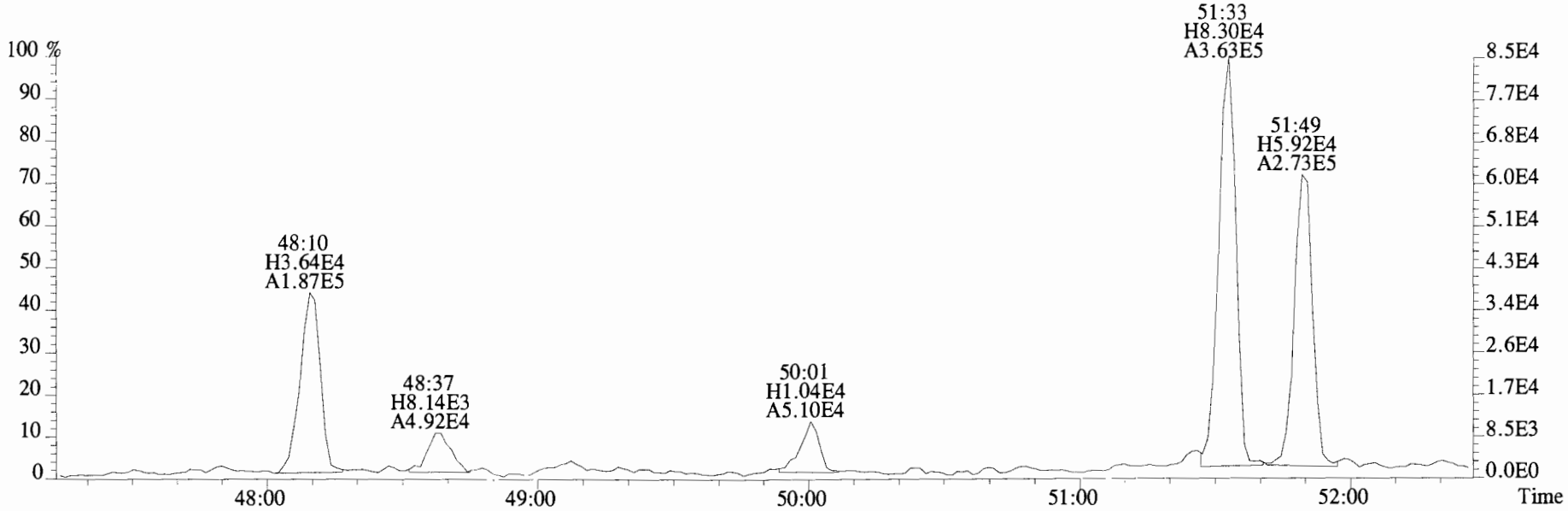
441.8008 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



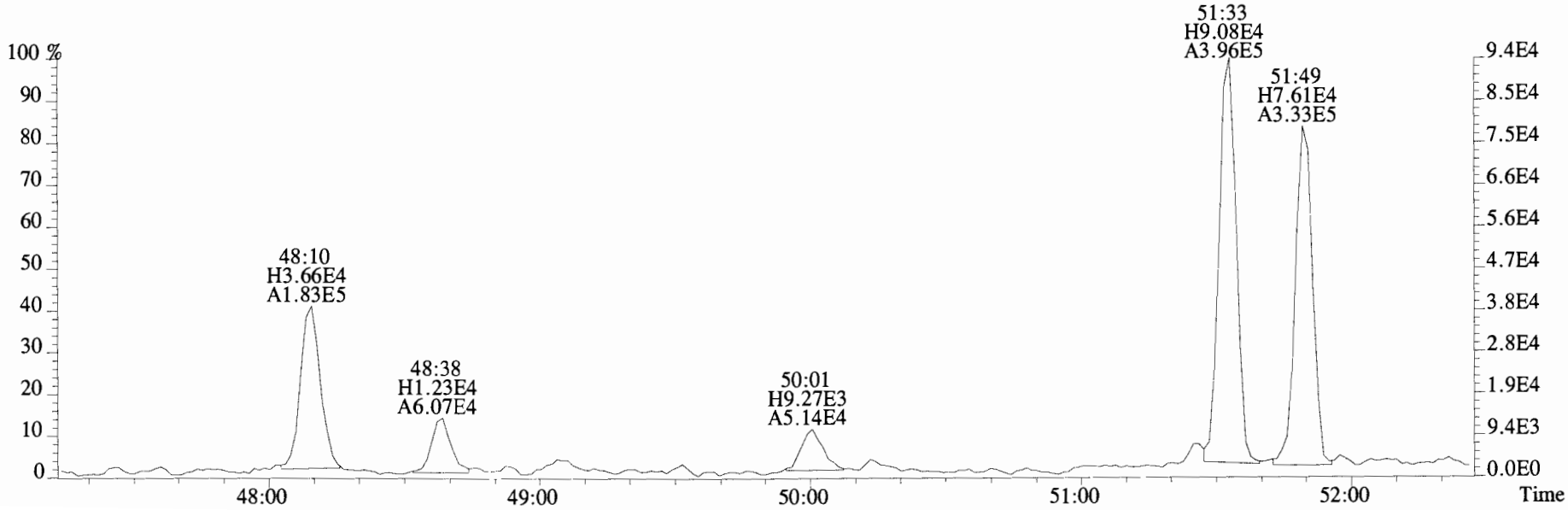
380.9760 S:7 F:4



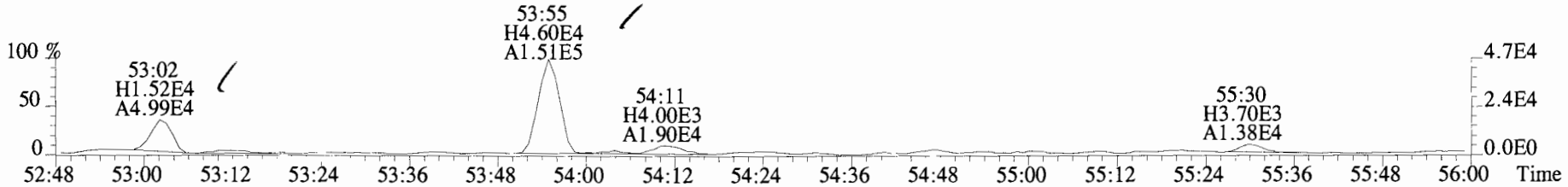
File:180118E2 #1-566 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
427.7635 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



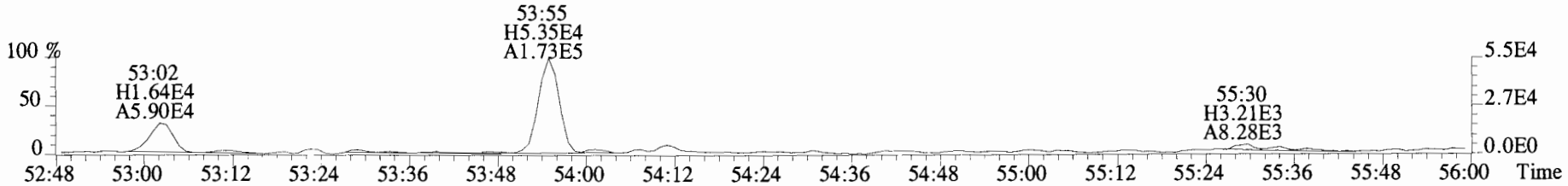
429.7606 S:7 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2492.0,0.00%,F,F)



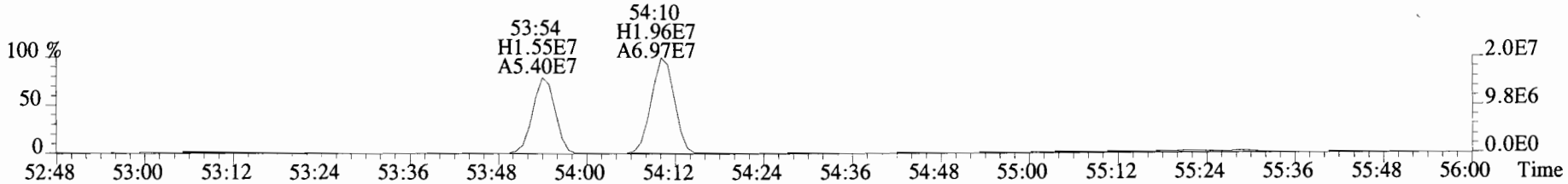
File:180118E2 #1-418 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1744.0,0.00%,F,F)



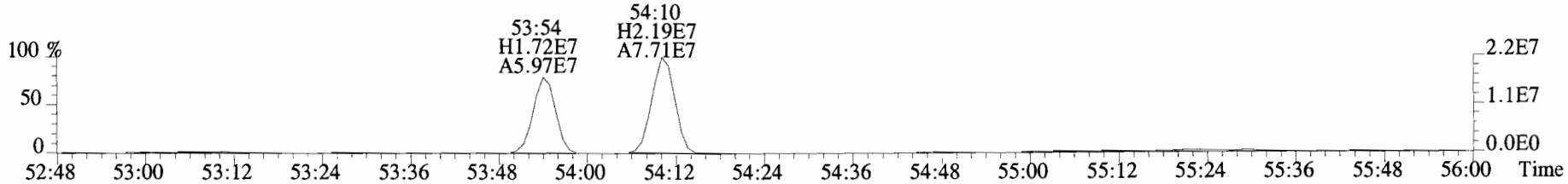
429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



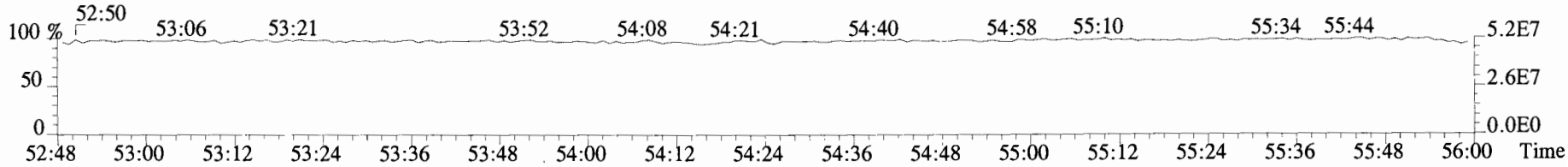
439.8038 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5336.0,0.00%,F,F)



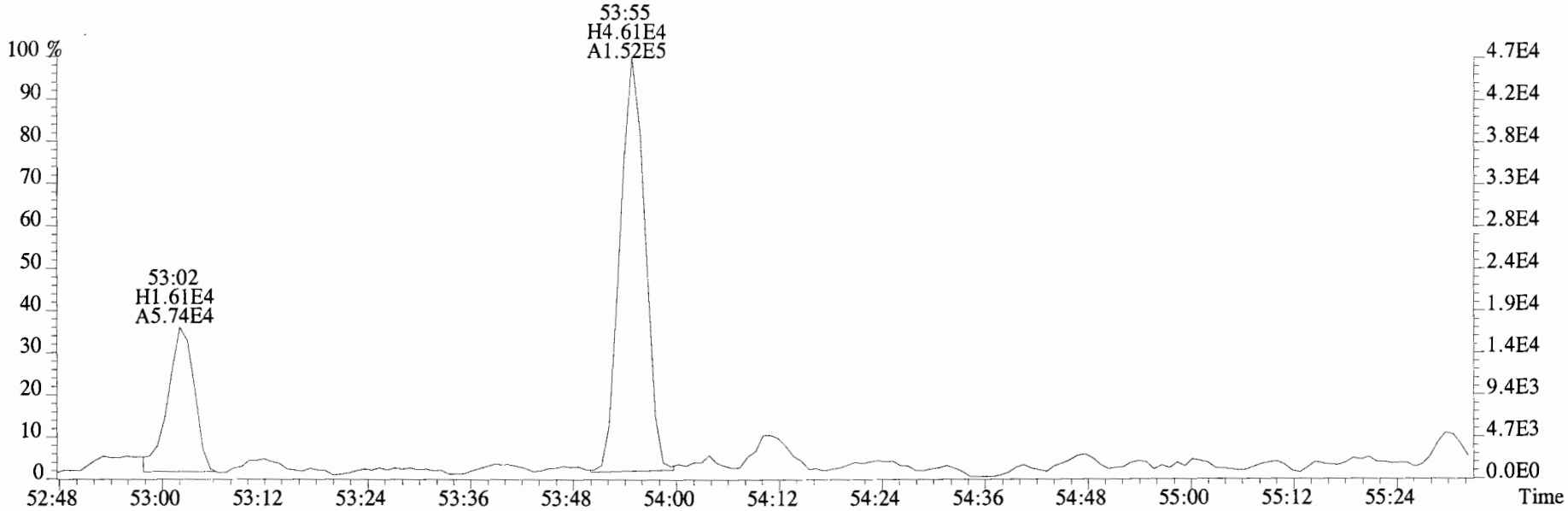
441.8008 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10964.0,0.00%,F,F)



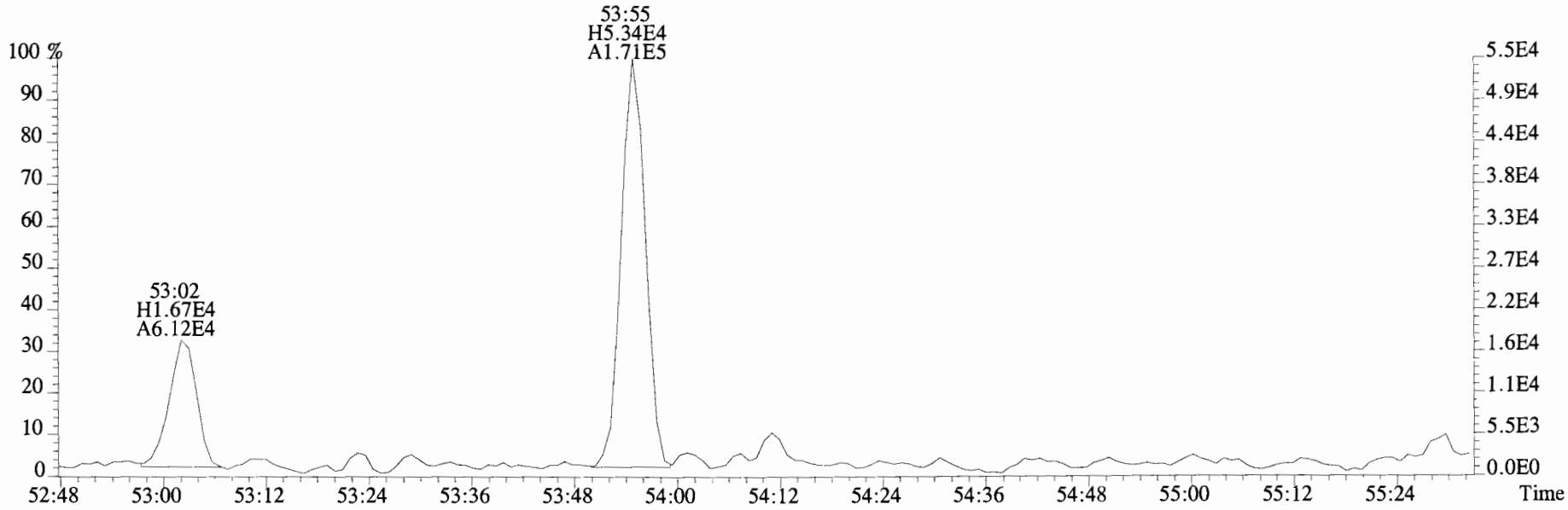
492.9697 S:7 F:5



File:180118E2 #1-418 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
427.7635 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1744.0,0.00%,F,F)

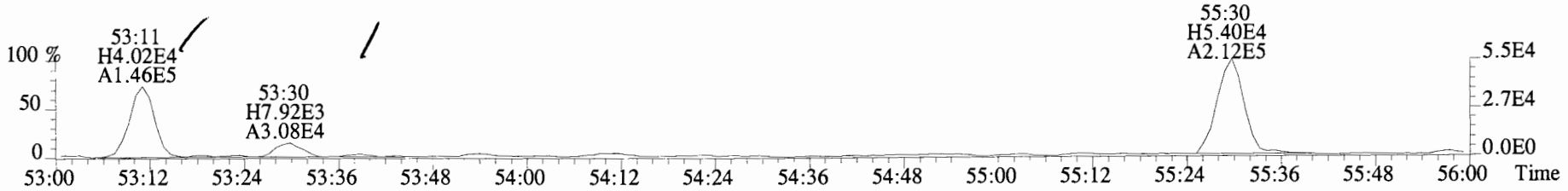


429.7606 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)

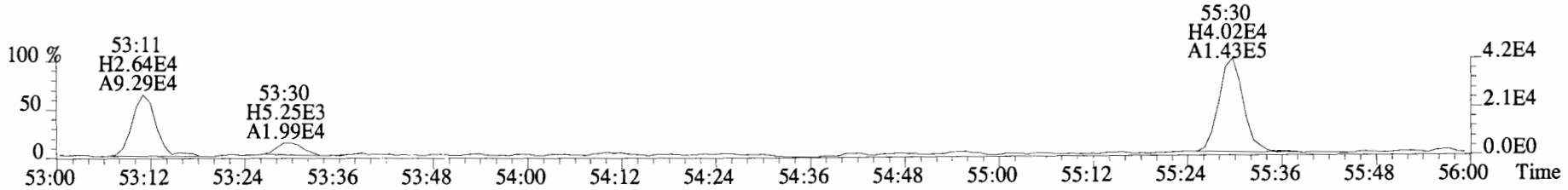


File:180118E2 #1-418 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1

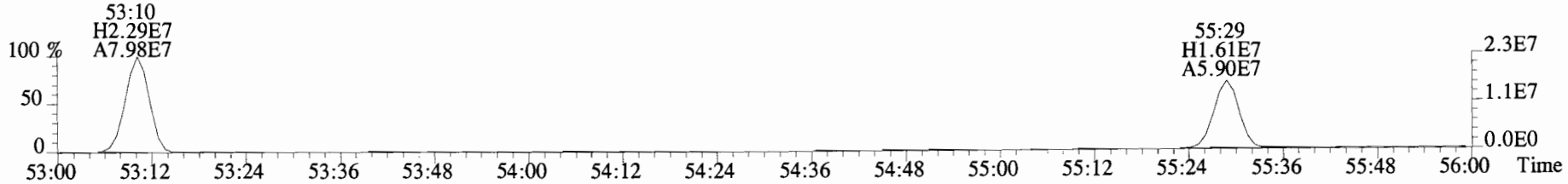
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1540.0,0.00%,F,F)



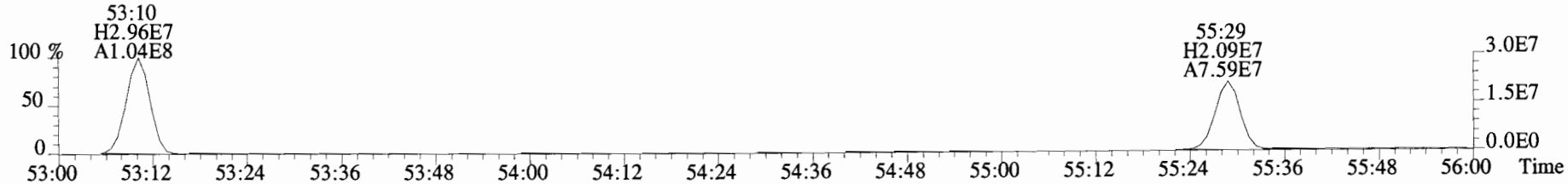
465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1732.0,0.00%,F,F)



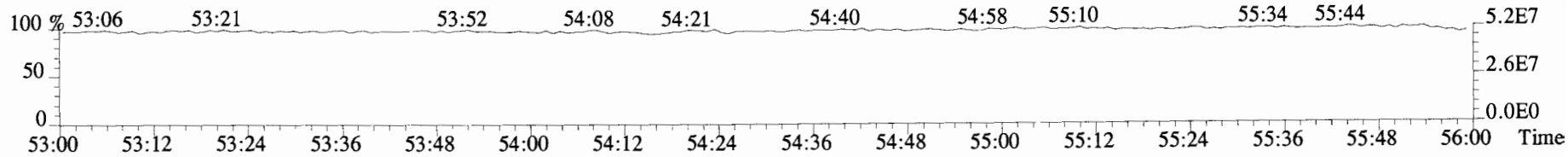
473.7648 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38472.0,0.00%,F,F)



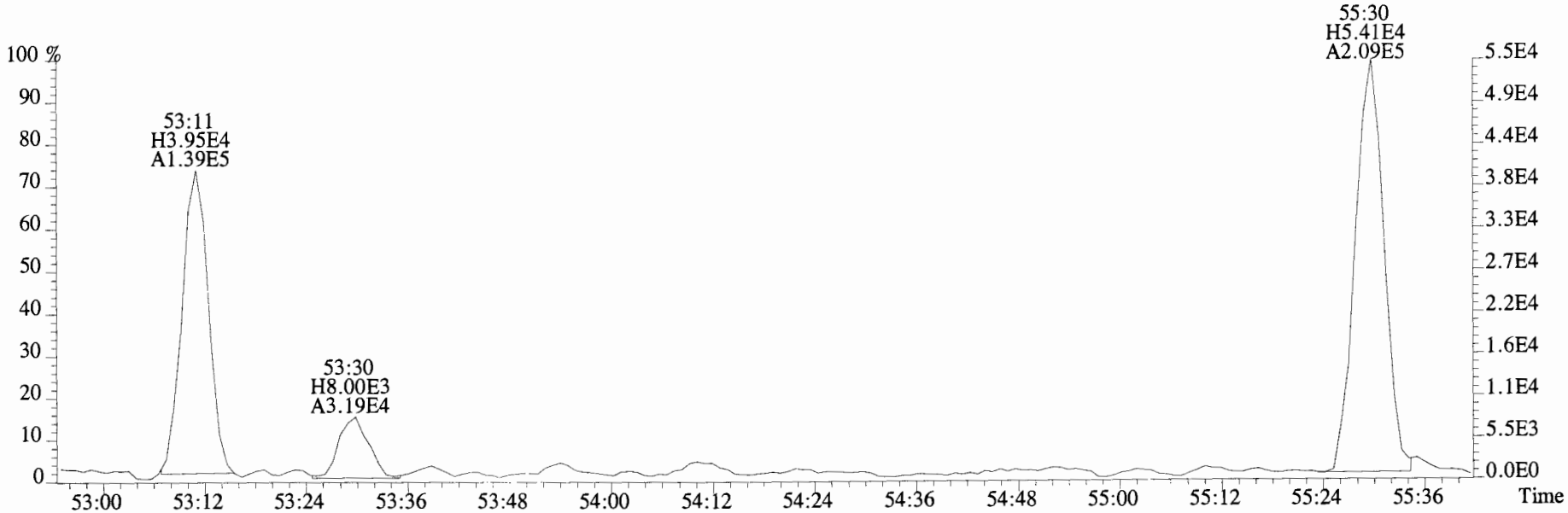
475.7619 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49276.0,0.00%,F,F)



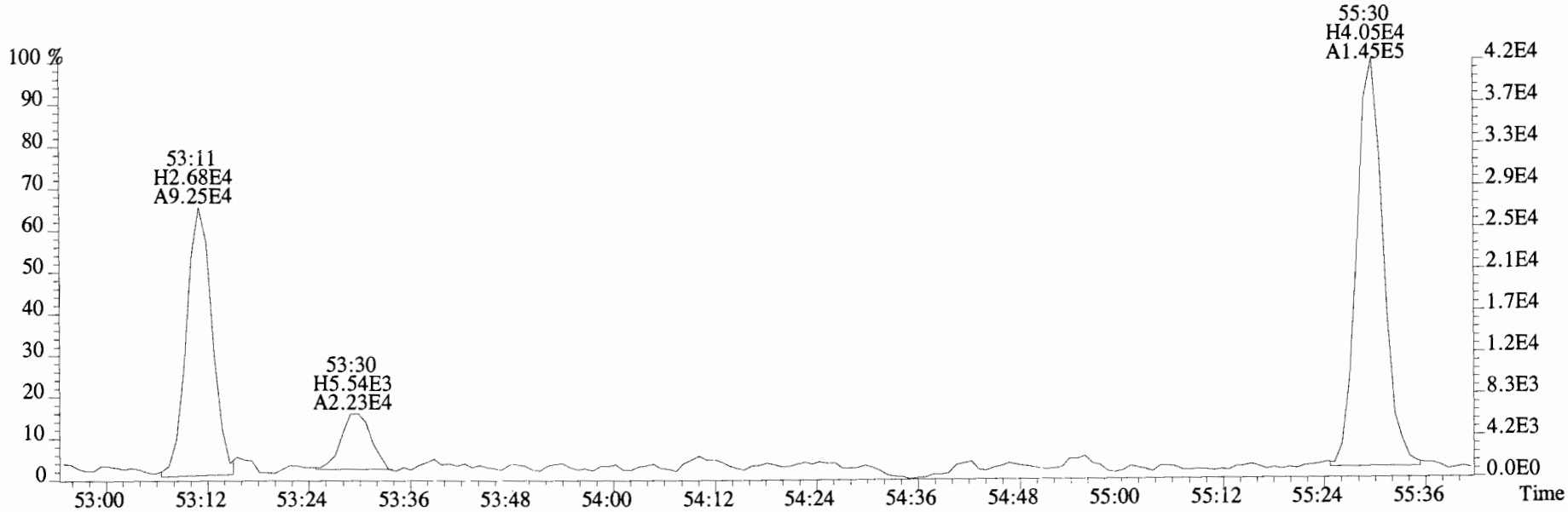
492.9697 S:7 F:5



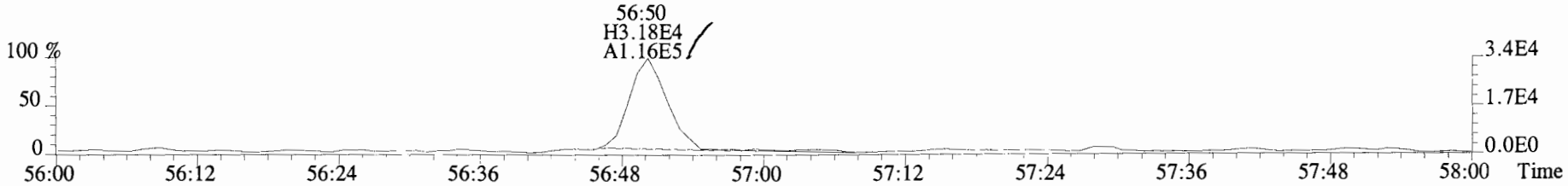
File:180118E2 #1-418 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
463.7216 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1540.0,0.00%,F,F)



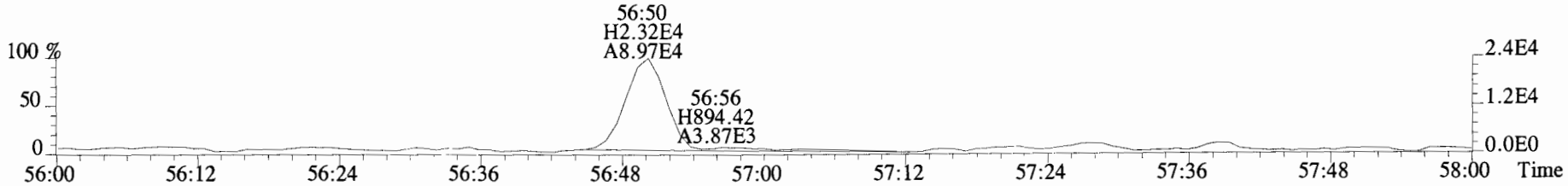
465.7186 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1732.0,0.00%,F,F)



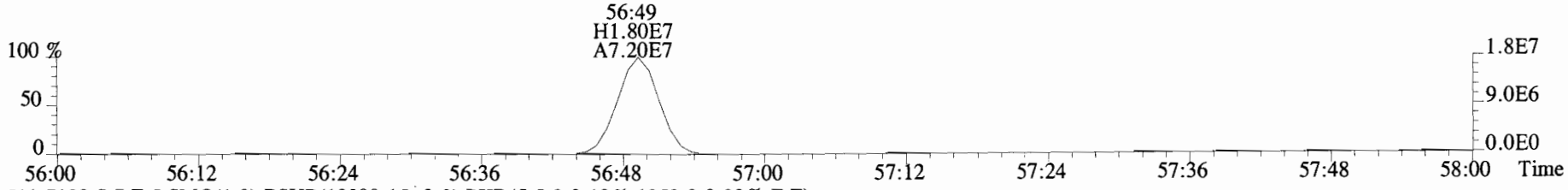
File:180118E2 #1-418 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



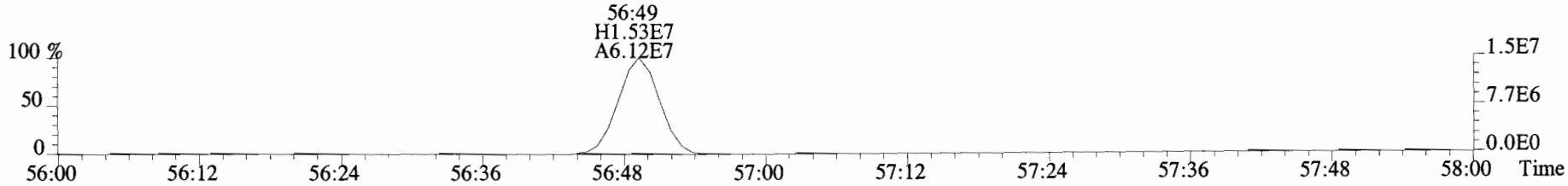
499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



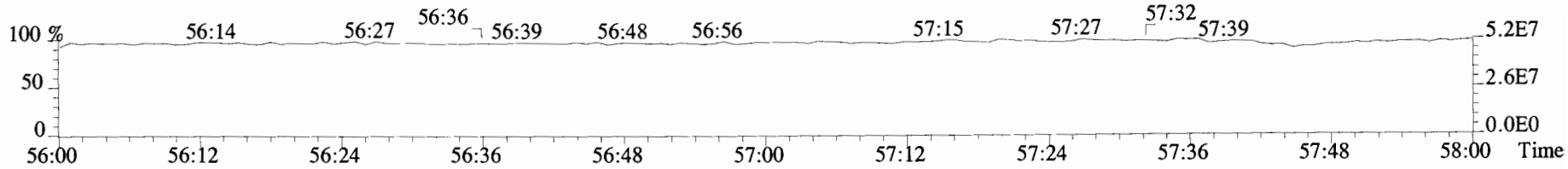
509.7229 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



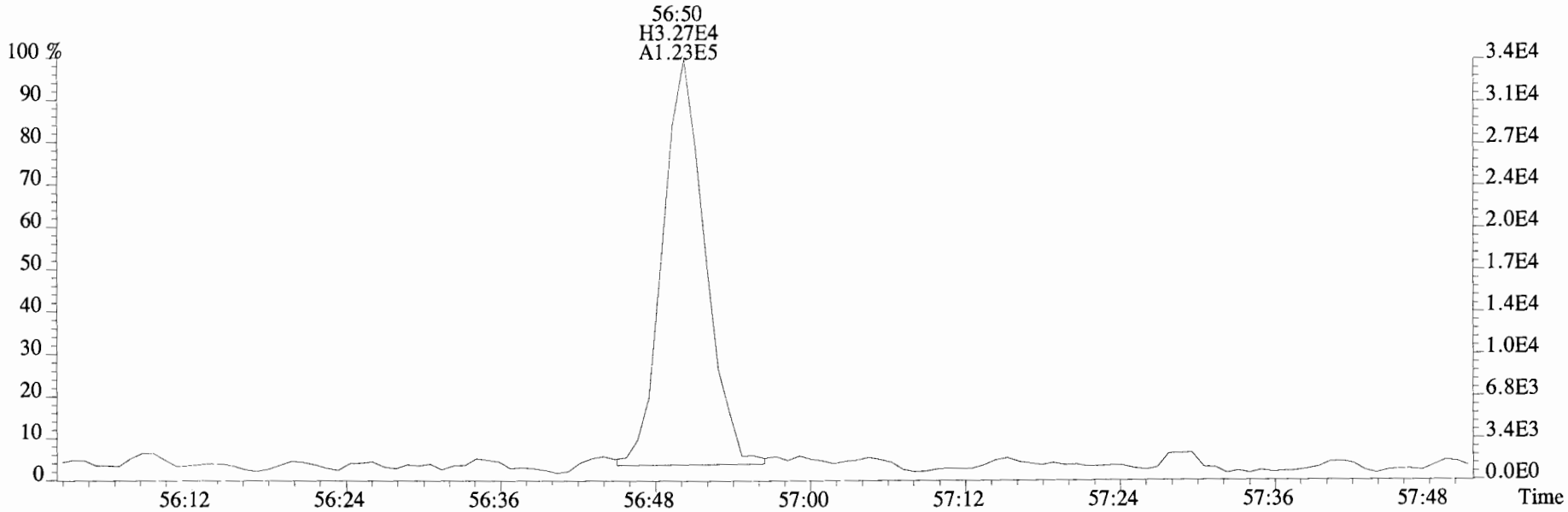
511.7199 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



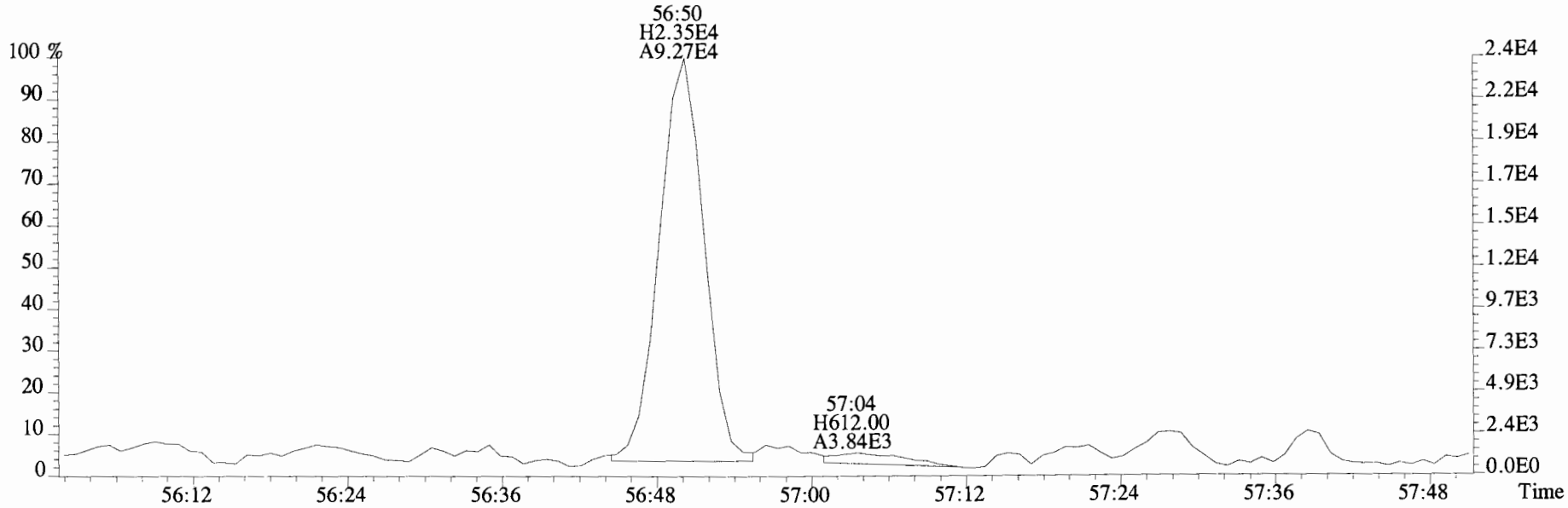
492.9697 S:7 F:5



File:180118E2 #1-418 Acq:18-JAN-2018 23:06:08 GC EI+ Voltage SIR Autospec-UltimaE
Sample#7 File Text:Vista Analytical Laboratory VG-8 Text:1701165-03 OWS-WAFO-T170829140721 0.95409 Exp:PCB_ZB1
497.6826 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



499.6797 S:7 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1520.0,0.00%,F,F)



CONTINUING CALIBRATION

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180110E1-1 Instrument ID: VG-8

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

VER Data Filename: 180110E1 S#1 Analysis Date: 10-JAN-18 Time: 13:50:15

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	2.92	2.66-3.60	y	45.2	37.5-62.5
PCB-2	2.95	2.66-3.60	y	46.9	37.5-62.5
PCB-3	2.95	2.66-3.60	y	45.6	37.5-62.5
PCB-4/10	1.58	1.33-1.79	y	98.8	75-125
PCB-7/9	1.60	1.33-1.79	y	97.3	75-125
PCB-6	1.59	1.33-1.79	y	49.8	37.5-62.5
PCB-5/8	1.58	1.33-1.79	y	98.9	75-125
PCB-14	1.57	1.33-1.79	y	47.0	37.5-62.5
PCB-11	1.61	1.33-1.79	y	47.7	37.5-62.5
PCB-12/13	1.58	1.33-1.79	y	97.8	75-125
PCB-15	1.59	1.33-1.79	y	50.1	37.5-62.5
PCB-19	1.04	0.88-1.20	y	46.9	37.5-62.5
PCB-30	1.04	0.88-1.20	y	49.4	37.5-62.5
PCB-18	1.05	0.88-1.20	y	46.3	37.5-62.5
PCB-17	1.03	0.88-1.20	y	47.4	37.5-62.5
PCB-24/27	1.05	0.88-1.20	y	94.9	75.0-125
PCB-16/32	1.04	0.88-1.20	y	94.1	75.0-125
PCB-34	1.03	0.88-1.20	y	50.4	37.5-62.5
PCB-23	1.06	0.88-1.20	y	43.0	37.5-62.5
PCB-29	1.05	0.88-1.20	y	46.9	37.5-62.5
PCB-26	1.05	0.88-1.20	y	46.7	37.5-62.5
PCB-25	1.04	0.88-1.20	y	47.2	37.5-62.5
PCB-31	1.04	0.88-1.20	y	45.0	37.5-62.5
PCB-28	1.05	0.88-1.20	y	47.2	37.5-62.5
PCB-20/21/33	1.04	0.88-1.20	y	139.6	112.5-225
PCB-22	1.05	0.88-1.20	y	45.3	37.5-62.5
PCB-36	1.04	0.88-1.20	y	48.9	37.5-62.5
PCB-39	1.05	0.88-1.20	y	47.5	37.5-62.5
PCB-38	1.05	0.88-1.20	y	46.8	37.5-62.5
PCB-35	1.03	0.88-1.20	y	46.5	37.5-62.5
PCB-37	1.03	0.88-1.20	y	46.8	37.5-62.5
PCB-54	0.77	0.65-0.89	y	46.4	37.5-62.5
PCB-50	0.76	0.65-0.89	y	47.6	37.5-62.5
PCB-53	0.77	0.65-0.89	y	48.9	37.5-62.5
PCB-51	0.77	0.65-0.89	y	47.0	37.5-62.5
PCB-45	0.76	0.65-0.89	y	48.5	37.5-62.5
PCB-46	0.76	0.65-0.89	y	47.0	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	96.0	75.0-125
PCB-73	0.77	0.65-0.89	y	43.3	37.5-62.5
PCB-43/49	0.77	0.65-0.89	y	92.7	75.0-125
PCB-47	0.76	0.65-0.89	y	47.7	37.5-62.5
PCB-48/75	0.77	0.65-0.89	y	95.4	75.0-125
PCB-65	0.77	0.65-0.89	y	50.1	37.5-62.5
PCB-62	0.78	0.65-0.89	y	45.8	37.5-62.5
PCB-44	0.77	0.65-0.89	y	46.1	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	94.2	75.0-125
PCB-41/64/71/72	0.77	0.65-0.89	y	190.9	150-250
PCB-68	0.78	0.65-0.89	y	46.2	37.5-62.5
PCB-40	0.76	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	0.77	0.65-0.89	y	45.3	37.5-62.5
PCB-58	0.77	0.65-0.89	y	45.4	37.5-62.5
PCB-63	0.77	0.65-0.89	y	46.7	37.5-62.5
PCB-74	0.76	0.65-0.89	y	46.5	37.5-62.5
PCB-61/70	0.77	0.65-0.89	y	92.6	75.0-125
PCB-76/66	0.77	0.65-0.89	y	95.6	75.0-125
PCB-80	0.78	0.65-0.89	y	46.9	37.5-62.5
PCB-55	0.77	0.65-0.89	y	46.0	37.5-62.5
PCB-56/60	0.77	0.65-0.89	y	91.0	75.0-125
PCB-79	0.78	0.65-0.89	y	45.7	37.5-62.5
PCB-78	0.77	0.65-0.89	y	48.5	37.5-62.5
PCB-81	0.76	0.65-0.89	y	46.7	37.5-62.5
PCB-77	0.78	0.65-0.89	y	46.0	37.5-62.5
PCB-104	1.57	1.32-1.78	y	47.7	37.5-62.5
PCB-96	1.59	1.32-1.78	y	47.5	37.5-62.5
PCB-103	1.57	1.32-1.78	y	46.6	37.5-62.5
PCB-100	1.59	1.32-1.78	y	47.5	37.5-62.5
PCB-94	1.58	1.32-1.78	y	46.7	37.5-62.5
PCB-95/98/102	1.60	1.32-1.78	y	138.8	112.5-225
PCB-93	1.59	1.32-1.78	y	51.7	37.5-62.5
PCB-88/91	1.59	1.32-1.78	y	100.7	75.0-125
PCB-121	1.63	1.32-1.78	y	41.0	37.5-62.5

Analyst: MD

Date: 1/15/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180110E1-1 Instrument ID: VG-8

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

VER Data Filename: 180110E1 S#1 Analysis Date: 10-JAN-18 Time: 13:50:15

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	91.8	75.0-125	PCB-140	1.26	1.05-1.43	y	44.8	37.5-62.5
PCB-89	1.58	1.32-1.78	y	45.3	37.5-62.5	PCB-134/143	1.22	1.05-1.43	y	90.6	75.0-125
PCB-90/101	1.60	1.32-1.78	y	92.2	75.0-125	PCB-131/133	1.22	1.05-1.43	y	90.7	75.0-125
PCB-113	1.56	1.32-1.78	y	50.2	37.5-62.5	PCB-142	1.23	1.05-1.43	y	47.4	37.5-62.5
PCB-99	1.60	1.32-1.78	y	40.0	37.5-62.5	PCB-146/165	1.21	1.05-1.43	y	92.2	75.0-125
PCB-119	1.57	1.32-1.78	y	47.0	37.5-62.5	PCB-132/161	1.22	1.05-1.43	y	93.1	75.0-125
PCB-108/112	1.59	1.32-1.78	y	92.6	75.0-125	PCB-153	1.23	1.05-1.43	y	43.8	37.5-62.5
PCB-83	1.63	1.32-1.78	y	46.5	37.5-62.5	PCB-168	1.21	1.05-1.43	y	45.2	37.5-62.5
PCB-97	1.57	1.32-1.78	y	45.9	37.5-62.5	PCB-141	1.21	1.05-1.43	y	45.5	37.5-62.5
PCB-86	1.55	1.32-1.78	y	47.8	37.5-62.5	PCB-137	1.21	1.05-1.43	y	46.0	37.5-62.5
PCB-87/117/125	1.59	1.32-1.78	y	140.7	112.5-225	PCB-130	1.23	1.05-1.43	y	45.8	37.5-62.5
PCB-111/115	1.60	1.32-1.78	y	91.3	75.0-125	PCB-138/163/164	1.23	1.05-1.43	y	139.0	112.5-225
PCB-85/116	1.59	1.32-1.78	y	97.5	75.0-125	PCB-158/160	1.23	1.05-1.43	y	94.7	75.0-125
PCB-120	1.59	1.32-1.78	y	46.8	37.5-62.5	PCB-129	1.21	1.05-1.43	y	44.9	37.5-62.5
PCB-110	1.59	1.32-1.78	y	47.9	37.5-62.5	PCB-166	1.22	1.05-1.43	y	45.8	37.5-62.5
PCB-82	1.56	1.32-1.78	y	44.2	37.5-62.5	PCB-159	1.23	1.05-1.43	y	46.4	37.5-62.5
PCB-124	1.55	1.32-1.78	y	46.7	37.5-62.5	PCB-128/162	1.23	1.05-1.43	y	92.6	75.0-125
PCB-107/109	1.59	1.32-1.78	y	87.5	75.0-125	PCB-167	1.22	1.05-1.43	y	44.8	37.5-62.5
PCB-123	1.59	1.32-1.78	y	45.7	37.5-62.5	PCB-156	1.22	1.05-1.43	y	45.4	37.5-62.5
PCB-106/118	1.60	1.32-1.78	y	92.5	75.0-125	PCB-157	1.23	1.05-1.43	y	45.2	37.5-62.5
PCB-114	1.58	1.32-1.78	y	47.9	37.5-62.5	PCB-169	1.24	1.05-1.43	y	46.0	37.5-62.5
PCB-122	1.56	1.32-1.78	y	47.0	37.5-62.5	PCB-188	1.05	0.89-1.21	y	47.1	37.5-62.5
PCB-105	1.57	1.32-1.78	y	46.7	37.5-62.5	PCB-184	1.06	0.89-1.21	y	47.3	37.5-62.5
PCB-127	1.58	1.32-1.78	y	46.9	37.5-62.5	PCB-179	1.06	0.89-1.21	y	48.0	37.5-62.5
PCB-126	1.57	1.32-1.78	y	46.2	37.5-62.5	PCB-176	1.07	0.89-1.21	y	48.1	37.5-62.5
PCB-155	1.28	1.05-1.43	y	43.3	37.5-62.5	PCB-186	1.05	0.89-1.21	y	49.3	37.5-62.5
PCB-150	1.29	1.05-1.43	y	44.3	37.5-62.5	PCB-178	1.05	0.89-1.21	y	48.2	37.5-62.5
PCB-152	1.27	1.05-1.43	y	45.2	37.5-62.5	PCB-175	1.07	0.89-1.21	y	47.8	37.5-62.5
PCB-145	1.27	1.05-1.43	y	43.9	37.5-62.5	PCB-182/187	1.06	0.89-1.21	y	94.9	75.0-125
PCB-136	1.29	1.05-1.43	y	45.2	37.5-62.5	PCB-183	1.06	0.89-1.21	y	51.6	37.5-62.5
PCB-148	1.27	1.05-1.43	y	48.3	37.5-62.5	PCB-185	1.06	0.89-1.21	y	46.4	37.5-62.5
PCB-154	1.27	1.05-1.43	y	46.4	37.5-62.5	PCB-174	1.06	0.89-1.21	y	47.8	37.5-62.5
PCB-151	1.28	1.05-1.43	y	46.8	37.5-62.5	PCB-181	1.06	0.89-1.21	y	46.2	37.5-62.5
PCB-135	1.26	1.05-1.43	y	46.0	37.5-62.5	PCB-177	1.07	0.89-1.21	y	45.7	37.5-62.5
PCB-144	1.27	1.05-1.43	y	45.5	37.5-62.5	PCB-171	1.05	0.89-1.21	y	45.5	37.5-62.5
PCB-147	1.28	1.05-1.43	y	48.8	37.5-62.5	PCB-173	1.08	0.89-1.21	y	45.5	37.5-62.5
PCB-139/149	1.26	1.05-1.43	y	92.5	75.0-125	PCB-172	1.05	0.89-1.21	y	46.4	37.5-62.5

Analyst: MJ

Date: 1/15/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180110E1-1 Instrument ID: VG-8

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

VER Data Filename: 180110E1 S#1 Analysis Date: 10-JAN-18 Time: 13:50:15

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.06	0.89-1.21	y	46.5	37.5-62.5
PCB-180	1.03	0.89-1.21	y	46.3	37.5-62.5
PCB-193	1.06	0.89-1.21	y	46.3	37.5-62.5
PCB-191	1.05	0.89-1.21	y	47.1	37.5-62.5
PCB-170	1.05	0.89-1.21	y	45.5	37.5-62.5
PCB-190	1.06	0.89-1.21	y	46.4	37.5-62.5
PCB-189	1.05	0.89-1.21	y	46.2	37.5-62.5
PCB-202	0.89	0.76-1.02	y	45.3	37.5-62.5
PCB-201	0.89	0.76-1.02	y	45.7	37.5-62.5
PCB-204	0.88	0.76-1.02	y	45.2	37.5-62.5
PCB-197	0.90	0.76-1.02	y	46.2	37.5-62.5
PCB-200	0.89	0.76-1.02	y	45.9	37.5-62.5
PCB-198	0.89	0.76-1.02	y	47.4	37.5-62.5
PCB-199	0.89	0.76-1.02	y	49.2	37.5-62.5
PCB-196/203	0.90	0.76-1.02	y	95.5	75.0-125
PCB-195	0.90	0.76-1.02	y	46.3	37.5-62.5
PCB-194	0.89	0.76-1.02	y	45.4	37.5-62.5
PCB-205	0.90	0.76-1.02	y	45.3	37.5-62.5
PCB-208	1.32	1.14-1.54	y	48.0	37.5-62.5
PCB-207	1.33	1.14-1.54	y	48.6	37.5-62.5
PCB-206	1.32	1.14-1.54	y	47.5	37.5-62.5
PCB-209	1.18	0.99-1.33	y	45.6	37.5-62.5

Analyst: JM

Date: 1/15/18

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180110E1-1 Instrument ID: VG-8

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

VER Data Filename: 180110E1 S#1 Analysis Date: 10-JAN-18 Time: 13:50:15

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.17	2.66-3.60	y	81.7	50.0-145
13C-PCB-3	3.12	2.66-3.60	y	87.0	50.0-145
13C-PCB-4	1.58	1.33-1.79	y	87.6	50.0-145
13C-PCB-9	1.57	1.33-1.79	y	95.2	50.0-145
13C-PCB-11	1.56	1.33-1.79	y	100.2	50.0-145
13C-PCB-19	1.06	0.88-1.20	y	101.7	50.0-145
13C-PCB-32	1.07	0.88-1.20	y	105.3	50.0-145
13C-PCB-28	1.05	0.88-1.20	y	105.4	50.0-145
13C-PCB-37	1.04	0.88-1.20	y	99.2	50.0-145
13C-PCB-54	0.79	0.65-0.89	y	102.4	50.0-145
13C-PCB-52	0.79	0.65-0.89	y	100.7	50.0-145
13C-PCB-47	0.80	0.65-0.89	y	97.8	50.0-145
13C-PCB-70	0.81	0.65-0.89	y	101.9	50.0-145
13C-PCB-80	0.79	0.65-0.89	y	103.4	50.0-145
13C-PCB-81	0.79	0.65-0.89	y	104.3	50.0-145
13C-PCB-77	0.80	0.65-0.89	y	106.7	50.0-145
13C-PCB-104	1.58	1.32-1.78	y	94.1	50.0-145
13C-PCB-95	1.58	1.32-1.78	y	96.8	50.0-145
13C-PCB-101	1.61	1.32-1.78	y	101.0	50.0-145
13C-PCB-97	1.64	1.32-1.78	y	100.0	50.0-145
13C-PCB-123	1.58	1.32-1.78	y	104.0	50.0-145
13C-PCB-118	1.61	1.32-1.78	y	104.2	50.0-145
13C-PCB-114	1.59	1.32-1.78	y	100.7	50.0-145
13C-PCB-105	1.58	1.32-1.78	y	100.6	50.0-145
13C-PCB-127	1.59	1.32-1.78	y	100.8	50.0-145
13C-PCB-126	1.58	1.32-1.78	y	101.7	50.0-145
13C-PCB-155	1.26	1.05-1.43	y	113.5	50.0-145
13C-PCB-153	1.25	1.05-1.43	y	99.3	50.0-145
13C-PCB-141	1.28	1.05-1.43	y	100.2	50.0-145
13C-PCB-138	1.26	1.05-1.43	y	99.6	50.0-145
13C-PCB-159	1.25	1.05-1.43	y	100.8	50.0-145
13C-PCB-167	1.26	1.05-1.43	y	102.1	50.0-145
13C-PCB-156	1.27	1.05-1.43	y	102.3	50.0-145
13C-PCB-157	1.29	1.05-1.43	y	101.6	50.0-145
13C-PCB-169	1.27	1.05-1.43	y	103.2	50 - 145
13C-PCB-188	0.47	0.38-0.52	y	98.5	50 - 145
13C-PCB-180	0.46	0.38-0.52	y	105.3	50 - 145
13C-PCB-170	0.45	0.38-0.52	y	107.7	50 - 145
13C-PCB-189	0.45	0.38-0.52	y	110.8	50 - 145
13C-PCB-202	0.90	0.76-1.02	y	109.2	50 - 145
13C-PCB-194	0.90	0.76-1.02	y	101.0	50 - 145
13C-PCB-208	0.77	0.65-0.89	y	97.9	50 - 145
13C-PCB-206	0.78	0.65-0.89	y	106.0	50 - 145
13C-PCB-209	1.20	0.99-1.33	y	117.3	50 - 145

CRS vs. RS

13C-PCB-79	0.81	0.65-0.89	y	101.6	75 - 125
13C-PCB-178	0.46	0.38-0.52	y	102.5	75 - 125

Analyst: MJ

Date: 1/15/18

Client ID: PCB CS3 17I0520 Filename: 180110E1 S:1 Acq:10-JAN-18 13:50:15 ConCal: ST180110E1-1

Lab ID: ST180110E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-1	1.16e+08	2.92 y	1.14	16:03	1.001	0.996	1.006	45.2138
PCB-2	1.24e+08	2.95 y	1.09	18:25	0.988	0.983	0.993	46.9483
PCB-3	1.22e+08	2.95 y	1.10	18:39	1.001	0.996	1.006	45.5890
PCB-4/10	1.80e+08	1.58 y	1.41	20:01	1.002	0.998	1.008	98.7537
PCB-7/9	2.29e+08	1.60 y	1.13	21:48	0.867	0.864	0.871	97.3082
PCB-6	1.13e+08	1.59 y	1.09	22:28	0.893	0.888	0.897	49.7842
PCB-5/8	2.35e+08	1.58 y	1.14	22:52	0.909	0.905	0.913	98.8907
PCB-14	1.39e+08	1.57 y	1.39	23:58	0.953	0.948	0.958	47.0116
PCB-11	1.20e+08	1.61 y	1.18	25:10	1.001	0.996	1.006	47.7278
PCB-12/13	2.40e+08	1.58 y	1.15	25:34	1.017	1.011	1.021	97.8093
PCB-15	1.35e+08	1.59 y	1.26	25:52	1.029	1.023	1.033	50.0914
PCB-19	8.43e+07	1.04 y	1.25	24:09	1.001	0.996	1.006	46.8821
PCB-30	1.38e+08	1.04 y	1.94	25:03	1.038	1.033	1.043	49.3594
PCB-18	9.29e+07	1.05 y	0.95	25:48	0.954	0.949	0.959	46.2622
PCB-17	1.03e+08	1.03 y	1.03	25:58	0.960	0.955	0.965	47.3850
PCB-24/27	2.71e+08	1.05 y	1.35	26:32	0.981	0.976	0.986	94.8549
- PCB-16/32	2.21e+08	1.04 y	1.11	27:03	1.000	0.995	1.005	94.1148
- PCB-34	1.22e+08	1.03 y	1.19	27:52	0.961	0.955	0.965	50.4099
PCB-23	1.08e+08	1.06 y	1.24	27:57	0.963	0.958	0.968	42.9991
PCB-29	1.20e+08	1.05 y	1.26	28:11	0.972	0.966	0.976	46.9089
PCB-26	1.17e+08	1.05 y	1.23	28:24	0.979	0.974	0.984	46.6931
PCB-25	1.10e+08	1.04 y	1.15	28:34	0.985	0.980	0.990	47.1889
PCB-31	1.21e+08	1.04 y	1.32	28:55	0.997	0.992	1.002	45.0413
PCB-28	1.20e+08	1.05 y	1.25	29:01	1.000	0.995	1.005	47.1799
PCB-20/21/33	3.41e+08	1.04 y	1.20	29:38	1.022	1.017	1.027	139.577
PCB-22	1.10e+08	1.05 y	1.20	30:04	1.036	1.032	1.042	45.2606
PCB-36	1.13e+08	1.04 y	1.24	30:42	0.934	0.929	0.939	48.9312
PCB-39	1.17e+08	1.05 y	1.32	31:10	0.948	0.943	0.953	47.5264
PCB-38	1.03e+08	1.05 y	1.18	31:56	0.971	0.966	0.976	46.8117
PCB-35	1.04e+08	1.03 y	1.20	32:28	0.987	0.982	0.992	46.4742
PCB-37	1.16e+08	1.03 y	1.33	32:54	1.001	0.995	1.005	46.8036
PCB-54	1.05e+08	0.77 y	1.12	27:54	1.001	0.996	1.006	46.4240
PCB-50	8.62e+07	0.76 y	0.90	29:04	1.043	1.038	1.048	47.6100
PCB-53	8.64e+07	0.77 y	1.14	29:43	0.946	0.941	0.951	48.8687
PCB-51	8.61e+07	0.77 y	1.18	30:03	0.957	0.952	0.962	47.0441
PCB-45	7.73e+07	0.76 y	1.03	30:29	0.970	0.965	0.975	48.5496
PCB-46	7.12e+07	0.76 y	0.98	30:59	0.986	0.981	0.991	46.9961

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	1.97e+08	0.77 y	1.325	31:27	1.001	0.996	1.006	95.9618
PCB-73	9.30e+07	0.77 y	1.388	31:34	1.005	1.000	1.010	43.3119
PCB-43/49	1.63e+08	0.77 y	1.141	31:44	1.010	1.005	1.015	92.6579
PCB-47	8.17e+07	0.76 y	1.042	31:57	1.000	0.996	1.006	47.7378
PCB-48/75	2.06e+08	0.77 y	1.313	32:04	1.004	0.999	1.009	95.3663
PCB-65	1.01e+08	0.77 y	1.234	32:20	1.012	1.007	1.017	50.0593
PCB-62	9.53e+07	0.78 y	1.267	32:26	1.016	1.011	1.021	45.7571
PCB-44	6.90e+07	0.77 y	0.909	32:44	1.025	1.020	1.030	46.1497
PCB-42/59	1.85e+08	0.77 y	1.197	32:58	1.033	1.027	1.037	94.1893
PCB-41/64/71/72	3.99e+08	0.77 y	1.273	33:33	1.051	1.046	1.056	190.925
PCB-68	1.12e+08	0.78 y	1.477	33:49	1.059	1.054	1.064	46.1741
PCB-40	6.31e+07	0.76 y	0.820	34:02	1.066	1.060	1.070	46.8412
PCB-57	1.08e+08	0.77 y	1.146	34:24	0.970	0.965	0.975	46.6108
PCB-67	1.05e+08	0.77 y	1.144	34:42	0.979	0.974	0.984	45.2806
PCB-58	1.12e+08	0.77 y	1.221	34:49	0.982	0.977	0.987	45.3878
PCB-63	1.15e+08	0.77 y	1.222	34:58	0.986	0.982	0.992	46.6504
PCB-74	1.15e+08	0.76 y	1.225	35:15	0.994	0.990	1.000	46.5187
PCB-61/70	2.18e+08	0.77 y	1.165	35:26	1.000	0.994	1.004	92.6302
PCB-76/66	2.31e+08	0.77 y	1.199	35:39	1.006	1.001	1.011	95.5695
PCB-80	1.33e+08	0.78 y	1.383	35:53	1.001	0.995	1.005	46.8724
PCB-55	1.19e+08	0.77 y	1.261	36:12	1.009	1.004	1.014	46.0003
PCB-56/60	2.17e+08	0.77 y	1.161	36:42	1.023	1.018	1.028	90.9865
PCB-79	1.17e+08	0.78 y	1.241	37:46	1.053	1.047	1.057	45.7333
PCB-78	1.14e+08	0.77 y	1.129	38:28	0.987	0.982	0.992	48.4767
PCB-81	1.23e+08	0.76 y	1.265	38:59	1.000	0.995	1.005	46.6664
PCB-77	1.23e+08	0.78 y	1.324	39:35	1.000	0.995	1.005	46.0420
PCB-104	8.65e+07	1.57 y	1.367	32:36	1.001	0.996	1.006	47.6584
PCB-96	7.46e+07	1.59 y	1.184	33:51	1.039	1.034	1.044	47.4919
PCB-103	6.94e+07	1.57 y	1.122	34:24	1.056	1.051	1.061	46.5705
PCB-100	6.91e+07	1.59 y	1.096	34:45	1.067	1.062	1.072	47.4714
PCB-94	5.82e+07	1.58 y	1.163	35:14	0.986	0.981	0.991	46.6698
PCB-95/98/102	1.95e+08	1.60 y	1.313	35:42	0.999	0.994	1.004	138.810
PCB-93	5.98e+07	1.59 y	1.079	35:50	1.003	0.997	1.007	51.6959
PCB-88/91	1.29e+08	1.59 y	1.198	36:08	1.011	1.005	1.015	100.721
PCB-121	8.11e+07	1.63 y	1.847	36:15	1.014	1.009	1.019	40.9691
PCB-84/92	1.23e+08	1.57 y	1.217	37:04	0.990	0.985	0.995	91.8213
PCB-89	5.93e+07	1.58 y	1.185	37:14	0.995	0.990	1.000	45.2890

Integrations by Analyst: MN

Date: 1/15/18

Reviewed by Analyst: CT

Date: 1/22/18

Client ID: PCB CS3 17I0520 Filename: 180110E1 S:1 Acq:10 JAN-18 13:50:15 ConCal: ST180110E1-1

Lab ID: ST180110E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-90/101	1.41e+08	1.60 y	1.38	37:25	1.000	0.995	1.005	92.1926
PCB-113	8.41e+07	1.56 y	1.52	37:40	1.006	1.002	1.012	50.1849
PCB-99	6.53e+07	1.60 y	1.48	37:47	1.010	1.004	1.014	40.0247
PCB-119	9.53e+07	1.57 y	2.12	38:14	0.987	0.982	0.992	47.0475
PCB-108/112	1.41e+08	1.59 y	1.59	38:23	0.991	0.986	0.996	92.6317
PCB-83	8.41e+07	1.63 y	1.90	38:32	0.995	0.991	1.001	46.4826
PCB-97	6.57e+07	1.57 y	1.50	38:45	1.001	0.995	1.005	45.8563
PCB-86	5.43e+07	1.55 y	1.19	38:53	1.004	0.999	1.009	47.7666
B-87/117/125	2.37e+08	1.59 y	1.76	39:01	1.007	1.002	1.012	140.714
PCB-111/115	1.82e+08	1.60 y	2.09	39:10	1.011	1.007	1.017	91.3279
PCB-85/116	1.43e+08	1.59 y	1.53	39:18	1.015	1.010	1.020	97.5038
PCB-120	9.78e+07	1.59 y	2.19	39:33	1.021	1.016	1.026	46.8392
PCB-110	8.54e+07	1.59 y	1.87	39:41	1.025	1.020	1.030	47.9232
PCB-82	5.28e+07	1.56 y	0.88	40:18	0.976	0.971	0.981	44.2302
PCB-124	9.23e+07	1.55 y	1.46	40:59	0.993	0.988	0.998	46.7062
PCB-107/109	1.75e+08	1.59 y	1.47	41:08	0.996	0.991	1.001	87.4709
PCB-123	9.13e+07	1.59 y	1.48	41:18	1.000	0.996	1.006	45.6767
- PCB-106/118	1.89e+08	1.60 y	1.45	41:31	1.001	0.996	1.006	92.4616
- PCB-114	1.02e+08	1.58 y	1.39	42:09	1.001	0.995	1.005	47.8593
PCB-122	8.76e+07	1.56 y	1.21	42:17	1.004	0.999	1.009	47.0424
PCB-105	1.03e+08	1.57 y	1.44	42:59	1.000	0.995	1.005	46.6851
PCB-127	9.22e+07	1.58 y	1.19	43:20	1.000	0.995	1.005	46.9279
PCB-126	9.50e+07	1.57 y	1.33	45:14	1.000	0.995	1.005	46.1885
PCB-155	7.15e+07	1.28 y	1.42	36:59	1.001	0.966	1.006	43.3473
PCB-150	6.80e+07	1.29 y	1.32	38:15	1.035	1.029	1.039	44.3261
PCB-152	6.80e+07	1.27 y	1.30	38:43	1.047	1.042	1.052	45.1761
PCB-145	6.48e+07	1.27 y	1.27	39:10	1.059	1.054	1.064	43.8512
PCB-136	6.83e+07	1.29 y	1.30	39:29	1.068	1.063	1.073	45.1917
PCB-148	5.29e+07	1.27 y	0.94	39:36	1.071	1.066	1.076	48.2802
PCB-154	5.60e+07	1.27 y	1.04	40:06	1.085	1.079	1.089	46.3600
PCB-151	5.27e+07	1.28 y	0.97	40:44	1.102	1.095	1.107	46.8127
PCB-135	5.31e+07	1.26 y	0.99	40:57	1.108	1.101	1.113	46.0207
PCB-144	5.26e+07	1.27 y	0.99	41:03	1.111	1.105	1.116	45.5379
PCB-147	5.03e+07	1.28 y	0.89	41:11	1.114	1.108	1.120	48.8120
PCB-139/149	1.11e+08	1.26 y	1.03	41:27	1.121	1.115	1.127	92.5169
- PCB-140	5.04e+07	1.26 y	0.97	41:38	1.126	1.120	1.132	44.8325
- PCB-134/143	1.41e+08	1.22 y	0.93	42:04	0.975	0.970	0.980	90.5731

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	1.40e+08	1.22 y	0.92	42:21	0.982	0.977	0.987	90.7169
PCB-142	6.83e+07	1.23 y	0.86	42:31	0.985	0.980	0.990	47.4158
PCB-146/165	1.72e+08	1.21 y	1.12	42:44	0.990	0.986	0.996	92.1580
PCB-132/161	1.76e+08	1.22 y	1.13	42:59	0.996	0.992	1.002	93.1139
PCB-153	8.44e+07	1.23 y	1.16	43:10	1.001	0.996	1.006	43.8365
PCB-168	1.06e+08	1.21 y	1.41	43:23	1.006	1.000	1.010	45.2213
PCB-141	7.94e+07	1.21 y	1.24	43:54	1.001	0.996	1.006	45.4691
PCB-137	8.15e+07	1.21 y	1.25	44:17	1.009	1.004	1.014	46.0443
PCB-130	6.91e+07	1.23 y	1.07	44:23	1.012	1.006	1.016	45.7689
PCB-138/163/164	2.83e+08	1.23 y	1.36	44:46	1.001	0.996	1.006	138.951
PCB-158/160	2.07e+08	1.23 y	1.46	45:00	1.006	1.001	1.011	94.7238
PCB-129	6.77e+07	1.21 y	1.01	45:15	1.012	1.007	1.017	44.8598
PCB-166	1.03e+08	1.22 y	1.23	45:41	0.993	0.988	0.998	45.8350
PCB-159	1.10e+08	1.23 y	1.31	46:01	1.000	0.995	1.005	46.4112
PCB-128/162	1.84e+08	1.23 y	1.09	46:18	1.006	1.002	1.012	92.6092
PCB-167	1.07e+08	1.22 y	1.29	46:43	1.001	0.995	1.005	44.7608
PCB-156	1.10e+08	1.22 y	1.32	48:00	1.000	0.995	1.005	45.4060
PCB-157	1.11e+08	1.23 y	1.34	48:16	1.000	0.995	1.005	45.2014
PCB-169	1.04e+08	1.24 y	1.21	50:27	1.000	0.995	1.005	46.0340
PCB-188	9.50e+07	1.05 y	1.61	42:48	1.001	0.995	1.005	47.0882
PCB-184	8.67e+07	1.06 y	1.46	43:14	1.011	1.006	1.016	47.3121
PCB-179	8.95e+07	1.06 y	1.49	44:01	1.029	1.024	1.034	47.9702
PCB-176	9.54e+07	1.07 y	1.58	44:28	1.040	1.035	1.045	48.1283
PCB-186	9.51e+07	1.05 y	1.54	45:05	1.054	1.049	1.059	49.3239
PCB-178	7.00e+07	1.05 y	1.16	45:35	1.066	1.061	1.071	48.2007
PCB-175	7.04e+07	1.07 y	1.17	45:56	1.074	1.069	1.079	47.7646
PCB-182/187	1.49e+08	1.06 y	1.25	46:07	1.078	1.073	1.083	94.9154
PCB-183	8.56e+07	1.06 y	1.32	46:25	1.085	1.080	1.090	51.5819
PCB-185	7.21e+07	1.06 y	1.67	47:05	0.955	0.951	0.961	46.3904
PCB-174	6.81e+07	1.06 y	1.53	47:27	0.963	0.958	0.968	47.7891
PCB-181	6.84e+07	1.06 y	1.59	47:33	0.965	0.960	0.970	46.1697
PCB-177	6.29e+07	1.07 y	1.48	47:43	0.968	0.964	0.974	45.7063
PCB-171	7.22e+07	1.05 y	1.71	48:00	0.974	0.969	0.979	45.4569
PCB-173	5.92e+07	1.08 y	1.40	48:26	0.983	0.978	0.988	45.4713
PCB-172	6.95e+07	1.05 y	1.61	48:53	0.992	0.987	0.997	46.4272
PCB-192	9.00e+07	1.06 y	2.08	49:05	0.996	0.991	1.001	46.5470
PCB-180	7.19e+07	1.03 y	1.67	49:18	1.000	0.995	1.005	46.3147

Integrations by Analyst: MN

Date: 1/15/18

Client ID: PCB CS3 17I0520 Filename: 180110E1 S:1 Acq:10-JAN-18 13:50:15 ConCal: ST180110E1-1
Lab ID: ST180110E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	9.38e+07	1.06 y	2.18	49:30	1.005	0.999	1.009	46.2587
	PCB-191	9.74e+07	1.05 y	2.22	49:45	1.010	1.005	1.015	47.0569
	PCB-170	6.90e+07	1.05 y	1.83	50:50	1.000	0.995	1.005	45.4773
	PCB-190	9.55e+07	1.06 y	2.48	51:01	1.004	0.999	1.009	46.4433
	PCB-189	9.56e+07	1.05 y	1.82	52:23	1.000	0.995	1.005	46.2066
	PCB-202	6.36e+07	0.89 y	1.15	48:13	1.000	0.995	1.005	45.3247
	PCB-201	6.95e+07	0.89 y	1.25	48:42	1.010	1.005	1.015	45.7102
	PCB-204	6.66e+07	0.88 y	1.21	48:51	1.014	1.009	1.019	45.1691
	PCB-197	7.53e+07	0.90 y	1.34	49:10	1.020	1.015	1.025	46.1987
	PCB-200	6.80e+07	0.89 y	1.22	50:04	1.039	1.034	1.044	45.9323
	PCB-198	5.20e+07	0.89 y	0.90	51:27	1.068	1.064	1.074	47.4323
	PCB-199	5.06e+07	0.89 y	0.85	51:34	1.070	1.067	1.077	49.1621
-	PCB-196/203	1.11e+08	0.90 y	0.96	51:50	1.076	1.072	1.082	95.4570
-	PCB-195	5.80e+07	0.90 y	1.12	53:03	0.984	0.979	0.989	46.3018
	PCB-194	6.38e+07	0.89 y	1.26	53:55	1.000	0.995	1.005	45.4074
	PCB-205	8.03e+07	0.90 y	1.59	54:12	1.005	1.000	1.010	45.3171
	PCB-208	7.98e+07	1.32 y	1.09	53:11	1.000	0.995	1.005	47.9645
	PCB-207	8.13e+07	1.33 y	1.10	53:30	1.006	1.001	1.011	48.5802
	PCB-206	5.35e+07	1.32 y	0.94	55:30	1.000	0.995	1.005	47.4624
	PCB-209	8.18e+07	1.18 y	1.44	56:52	1.000	0.995	1.005	45.6163

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	3.62e+08	2.92 y	16:03	1.11	137.751	
Total Di-PCB	1.40e+09	1.58 y	20:01	1.19	590.892	
Total Tri-PCB	9.10e+08	1.04 y	24:09	1.27	378.858	
Total Tri-PCB	1.85e+09	1.03 y	27:52	1.23	759.158	Sum:1138.02
Total Tetra-PCB	4.26e+09	0.77 y	27:54	1.17	1986.87	
Total Penta-PCB	3.09e+09	1.57 y	32:36	1.37	1911.82	
Total Penta-PCB	5.03e+08	1.58 y	42:09	1.31	246.062	Sum:2157.88
Total Hexa-PCB	8.19e+08	1.28 y	36:59	1.10	641.065	
Total Hexa-PCB	2.53e+09	1.22 y	42:04	1.17	1299.60	Sum:1940.66
Total Hepta-PCB	1.94e+09	1.05 y	42:48	1.55	1139.02	
Total Octa-PCB	5.57e+08	0.89 y	48:13	1.09	420.387	
Total Octa-PCB	2.05e+08	0.90 y	53:03	1.33	138.828	Sum:559.215
Total Nona-PCB	2.15e+08	1.32 y	53:11	1.05	144.007	
Total Deca-PCB	8.18e+07	1.18 y	56:52	1.44	45.6163	

Total PCB Conc:9767.96582500

Integrations by Analyst: MJ

Date: 1/15/18

Client ID: PCB CS3 17I0520 Filename: 180110E1 S:1 Acq:10-JAN-18 13:50:15 ConCal: ST180110E1-1
Lab ID: ST180110E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	2.25e+08	3.17 y	1.24	16:01	0.620	0.616	0.622	81.7	81.7
13C-PCB-3	2.43e+08	3.12 y	1.25	18:38	0.721	0.717	0.725	87.0	87.0
13C-PCB-4	1.29e+08	1.58 y	0.66	19:58	0.772	0.768	0.776	87.6	87.6
13C-PCB-9	2.08e+08	1.57 y	0.98	21:46	0.842	0.838	0.846	95.2	95.2
13C-PCB-11	2.13e+08	1.56 y	0.95	25:09	0.973	0.968	0.978	100	100
13C-PCB-19	1.44e+08	1.06 y	0.64	24:07	0.933	0.928	0.938	102	102
13C-PCB-28	2.03e+08	1.05 y	0.98	29:01	1.004	0.999	1.009	105	105
13C-PCB-32	2.12e+08	1.07 y	0.90	27:03	1.046	1.041	1.051	105	105
13C-PCB-37	1.87e+08	1.04 y	0.95	32:53	1.138	1.131	1.144	99.2	99.2
13C-PCB-47	1.64e+08	0.80 y	0.85	31:56	0.870	0.867	0.875	97.8	97.8
13C-PCB-52	1.55e+08	0.79 y	0.77	31:25	0.857	0.853	0.861	101	101
13C-PCB-54	2.01e+08	0.79 y	0.99	27:53	0.760	0.757	0.765	102	102
13C-PCB-70	2.02e+08	0.81 y	1.00	35:27	0.966	0.961	0.971	102	102
13C-PCB-77	2.02e+08	0.80 y	0.96	39:34	1.078	1.073	1.083	107	107
13C-PCB-80	2.06e+08	0.79 y	1.00	35:52	0.978	0.973	0.983	103	103
13C-PCB-81	2.07e+08	0.79 y	1.00	38:57	1.062	1.057	1.067	104	104
13C-PCB-95	1.07e+08	1.58 y	0.81	35:44	0.913	0.908	0.918	96.8	96.8
13C-PCB-97	9.55e+07	1.64 y	0.70	38:44	0.989	0.984	0.994	100	100
13C-PCB-101	1.10e+08	1.61 y	0.80	37:25	0.956	0.951	0.961	101	101
13C-PCB-104	1.33e+08	1.58 y	1.03	32:34	0.832	0.828	0.836	94.1	94.1
13C-PCB-105	1.53e+08	1.58 y	1.16	42:59	0.929	0.924	0.934	101	101
13C-PCB-114	1.54e+08	1.59 y	1.17	42:07	0.910	0.905	0.915	101	101
13C-PCB-118	1.42e+08	1.61 y	0.99	41:28	1.059	1.054	1.064	104	104
13C-PCB-123	1.36e+08	1.58 y	0.95	41:17	1.054	1.049	1.059	104	104
13C-PCB-126	1.54e+08	1.58 y	1.16	45:14	0.977	0.972	0.982	102	102
13C-PCB-127	1.65e+08	1.59 y	1.25	43:20	0.936	0.931	0.941	101	101
13C-PCB-138	1.49e+08	1.26 y	1.15	44:44	0.966	0.961	0.971	99.6	99.6
13C-PCB-141	1.41e+08	1.28 y	1.08	43:53	0.948	0.943	0.953	100	100
13C-PCB-153	1.67e+08	1.25 y	1.28	43:09	0.932	0.928	0.938	99.3	99.3
13C-PCB-155	1.16e+08	1.26 y	0.75	36:58	0.944	0.939	0.949	114	114
13C-PCB-156	1.84e+08	1.27 y	1.37	47:59	1.037	1.032	1.042	102	102
13C-PCB-157	1.83e+08	1.29 y	1.38	48:15	1.043	1.038	1.048	102	102
13C-PCB-159	1.82e+08	1.25 y	1.38	46:01	0.994	0.989	0.999	101	101
13C-PCB-167	1.86e+08	1.26 y	1.39	46:41	1.009	1.004	1.014	102	102
13C-PCB-169	1.86e+08	1.27 y	1.38	50:27	1.090	1.085	1.095	103	103
13C-PCB-170	8.30e+07	0.45 y	0.84	50:49	1.102	1.097	1.109	108	108
13C-PCB-180	9.31e+07	0.46 y	0.96	49:16	1.069	1.063	1.073	105	105
13C-PCB-188	1.26e+08	0.47 y	1.39	42:46	0.928	0.923	0.933	98.5	98.5
13C-PCB-189	1.14e+08	0.45 y	1.12	52:23	1.136	1.132	1.144	111	111
13C-PCB-194	1.11e+08	0.90 y	0.76	53:55	0.995	0.990	1.000	101	101
13C-PCB-202	1.21e+08	0.90 y	1.21	48:12	1.045	1.040	1.050	109	109
13C-PCB-206	1.20e+08	0.78 y	0.78	55:30	1.024	1.019	1.029	106	106
13C-PCB-208	1.53e+08	0.77 y	1.08	53:10	0.981	0.976	0.986	97.9	97.9
13C-PCB-209	1.24e+08	1.20 y	0.73	56:51	1.049	1.043	1.053	117	117

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.05e+08	0.81 y	1.02	37:45	1.029	1.024	1.034	102	102
13C-PCB-178	8.52e+07	0.46 y	0.90	45:34	0.985	0.980	0.990	103	103

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.05e+08	0.81 y	1.01	37:45	0.969	0.963	0.973	97.4	97.4
13C-PCB-178	8.52e+07	0.46 y	0.94	45:34	0.925	0.920	0.930	97.3	97.3

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	2.23e+08	1.56 y	1.00	25:51	100
13C-PCB-31	1.97e+08	1.05 y	1.00	28:54	100
13C-PCB-60	1.98e+08	0.81 y	1.00	36:41	100
13C-PCB-111	1.37e+08	1.62 y	1.00	39:10	100
13C-PCB-128	1.31e+08	1.25 y	1.00	46:17	100
13C-PCB-182	9.19e+07	0.47 y	1.00	46:06	100
13C-PCB-205	1.45e+08	0.90 y	1.00	54:11	100

Analyst: MJ

Date: 1/15/18

Vista Analytical Laboratory - Injection Log Run file: 180110E1 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180110E1	1	ST180110E1-1	MAS	10-JAN-18	13:50:15	ST180110E1-1	NA
180110E1	2	QC180110E1-1	MAS	10-JAN-18	14:54:53	ST180110E1-1	NA
180110E1	3	B8A0030-BS1	MAS	10-JAN-18	15:59:36	ST180110E1-1	NA
180110E1	4	SOLVENT BLANK	MAS	10-JAN-18	17:04:21	ST180110E1-1	NA
180110E1	5	B8A0030-BLK1	MAS	10-JAN-18	18:08:59	ST180110E1-1	NA
180110E1	6	1701020-01	MAS	10-JAN-18	19:13:37	ST180110E1-1	NA
180110E1	7	1701020-02	MAS	10-JAN-18	20:18:19	ST180110E1-1	NA
180110E1	8	1701020-03	MAS	10-JAN-18	21:23:02	ST180110E1-1	NA
180110E1	9	1701020-04	MAS	10-JAN-18	22:27:45	ST180110E1-1	NA
180110E1	10	1701020-05	MAS	10-JAN-18	23:32:32	ST180110E1-1	NA
180110E1	11	1701020-06	MAS	11-JAN-18	00:37:14	ST180110E1-1	NA
180110E1	12	SOLVENT BLANK	MAS	11-JAN-18	01:42:00	ST180110E1-1	NA

HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST180110E1-1

Reviewed By: CT 1/22/18
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?	M	

Run Log:

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

	Beg.	End
Mass resolution ≥	✓	✓

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

Intergrated peaks display correctly?	✓	NA
GC Break <20%	NA	

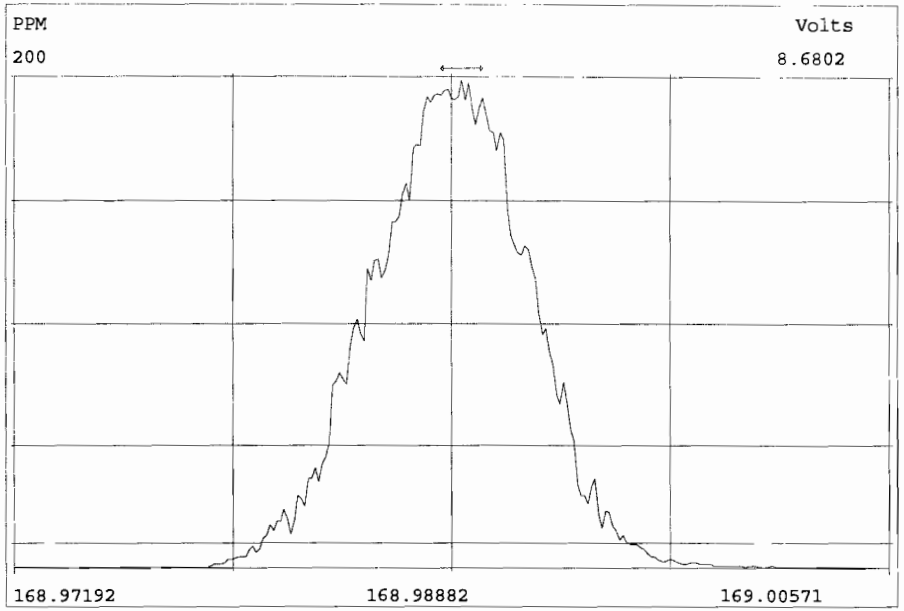
8280 CS1 End Standard:

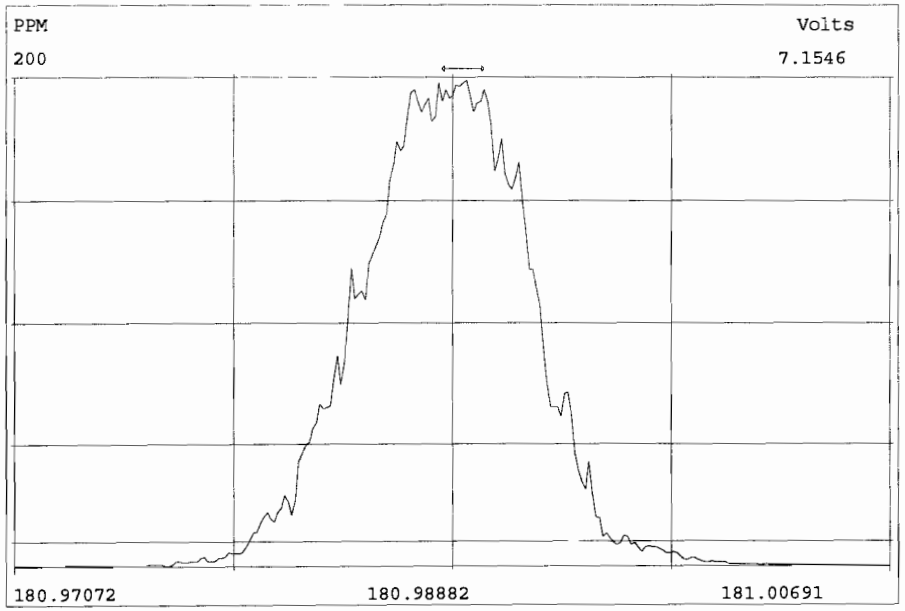
- Ratios within limits, S/N <2.5:1, CS1 within 12 hours	NA

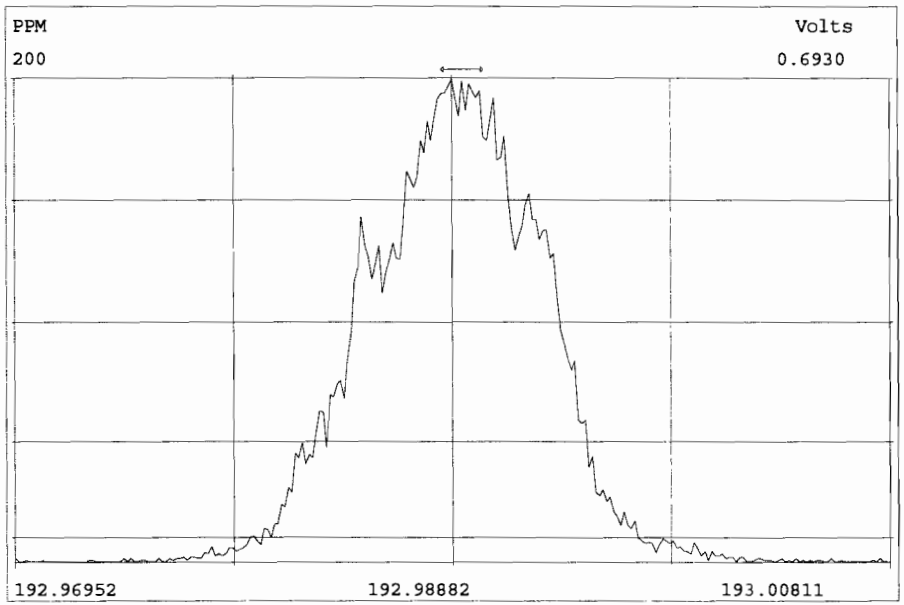
Comments:

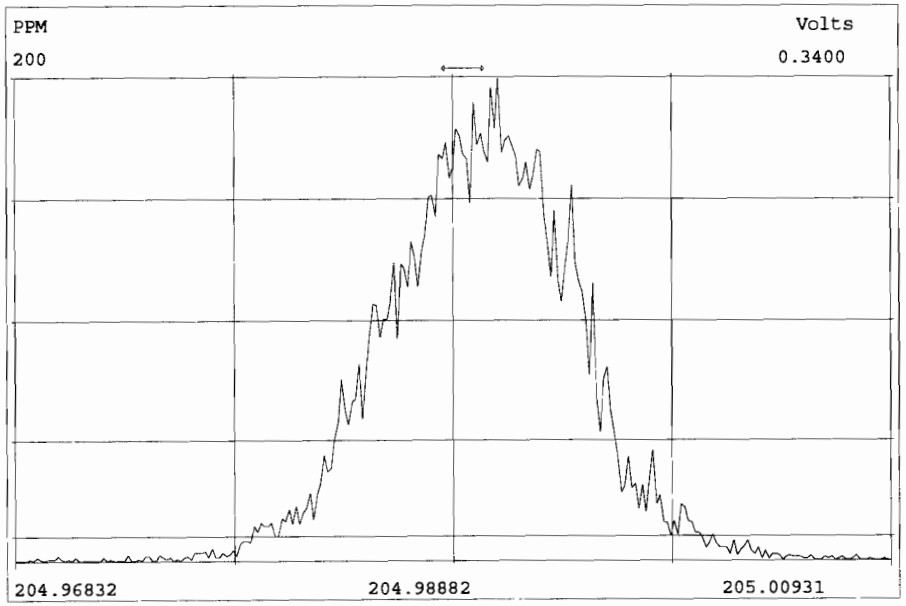
Peak Locate Examination:10-JAN-2018:13:48 File:180110E1

Experiment:PCB_ZB1 Function:1 Reference:PFK



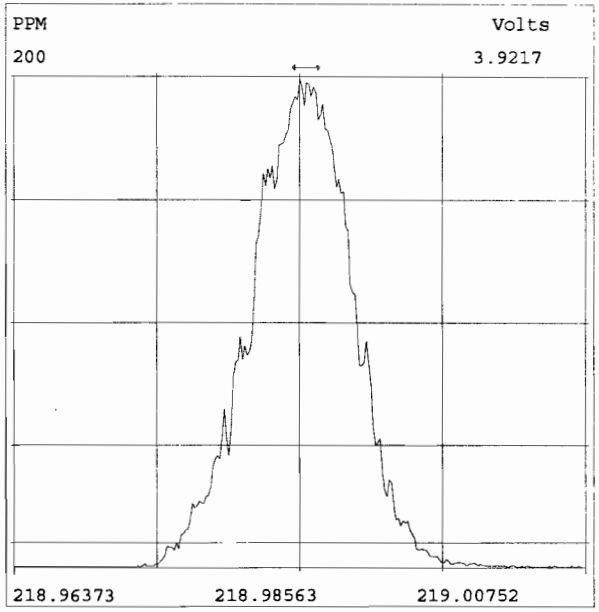


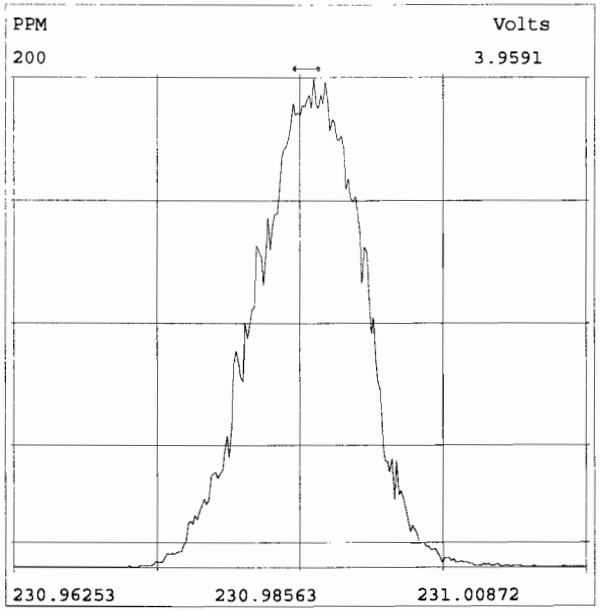


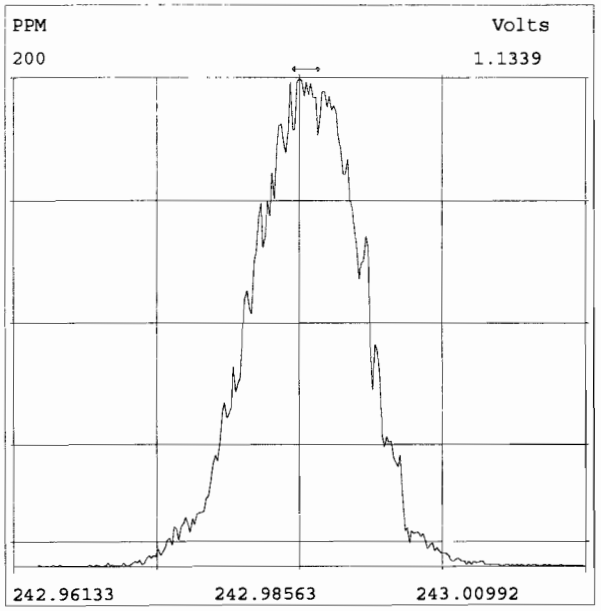


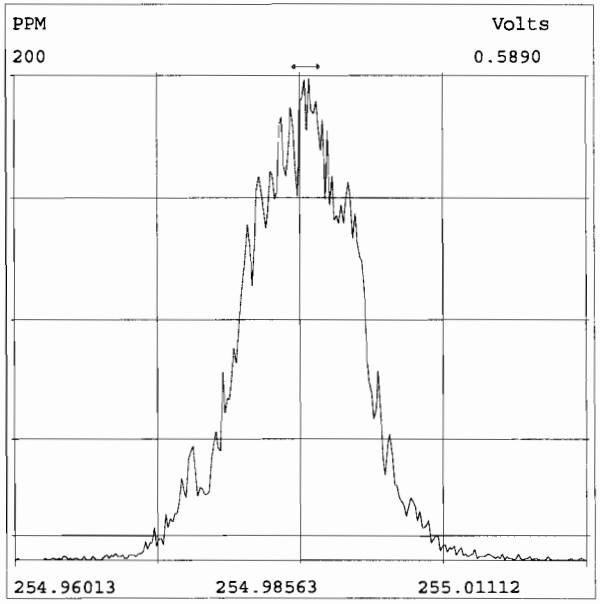
Peak Locate Examination:10-JAN-2018:13:48 File:180110E1

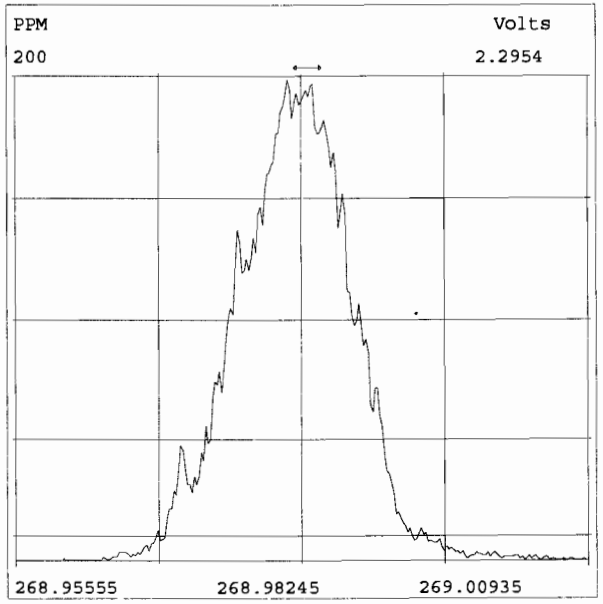
Experiment:PCB_ZB1 Function:2 Reference:PFK

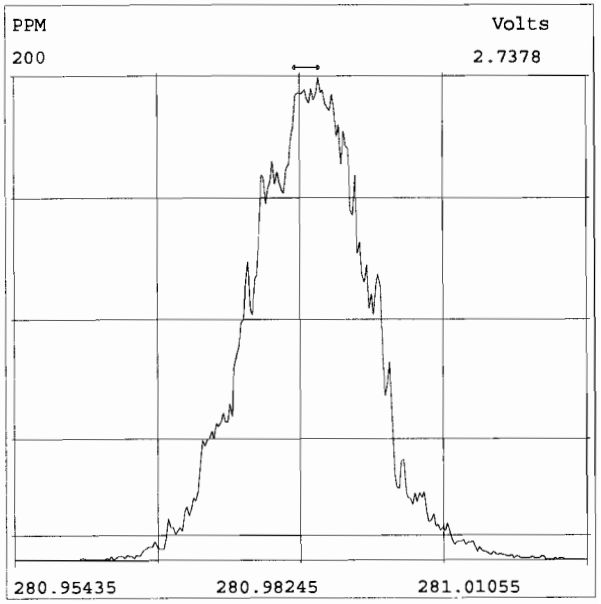






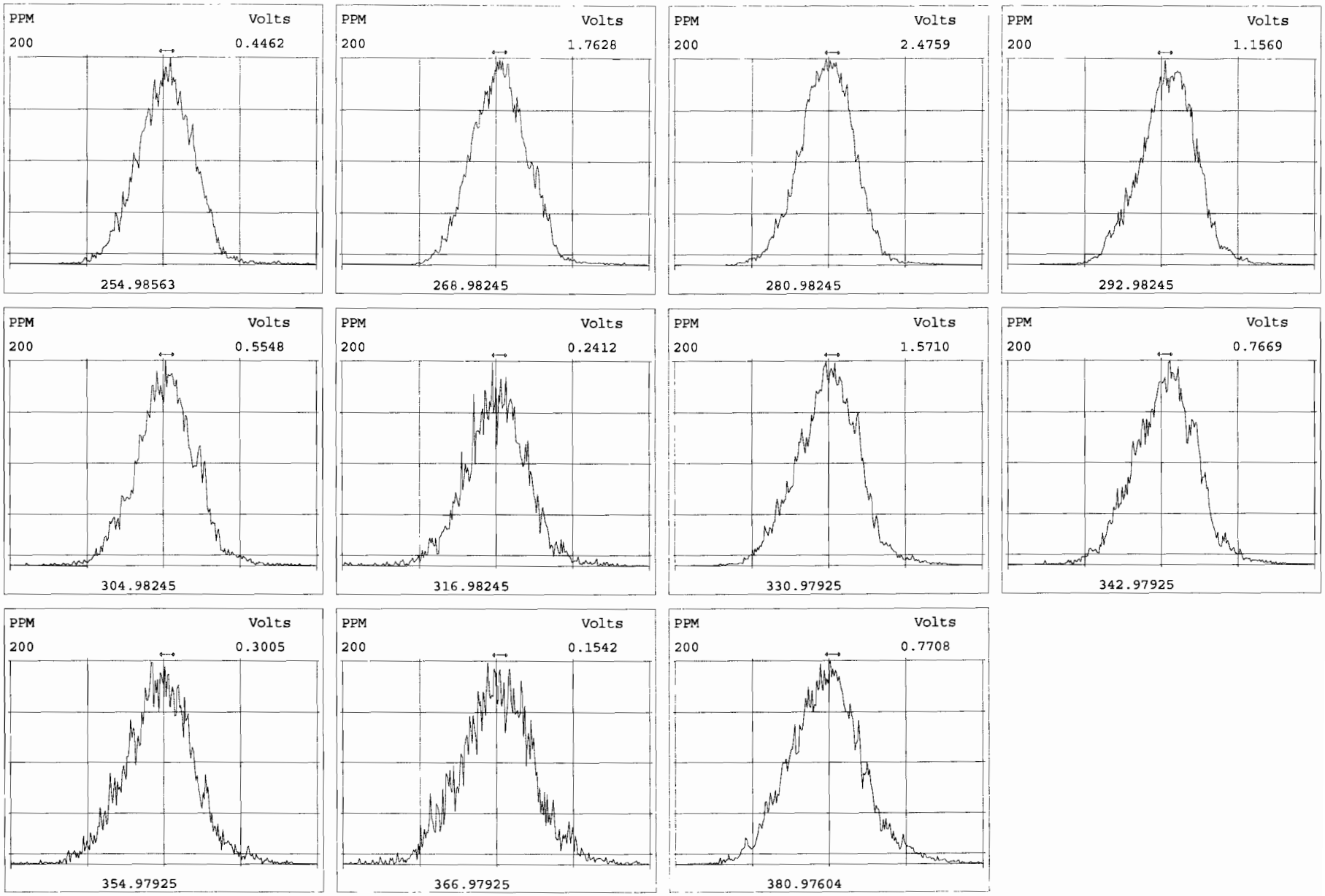






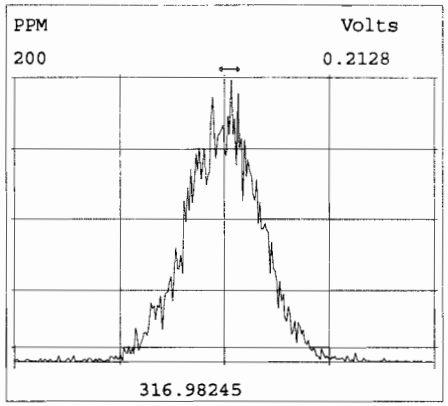
Peak Locate Examination:10-JAN-2018:13:49 File:180110E1

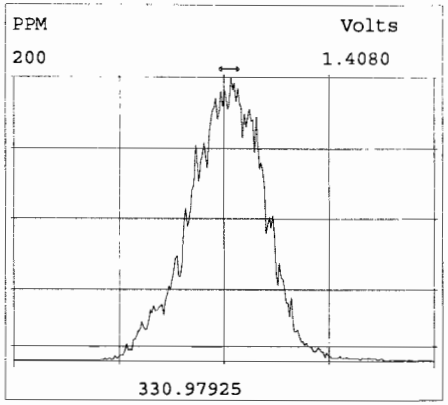
Experiment:PCB_ZB1 Function:3 Reference:PFK

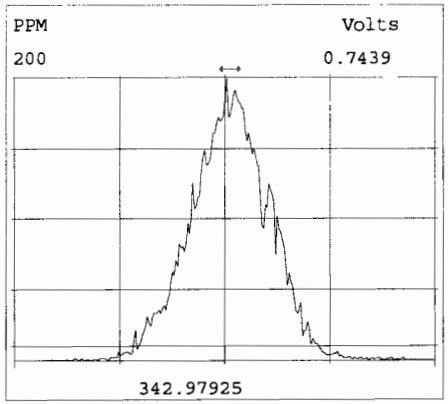


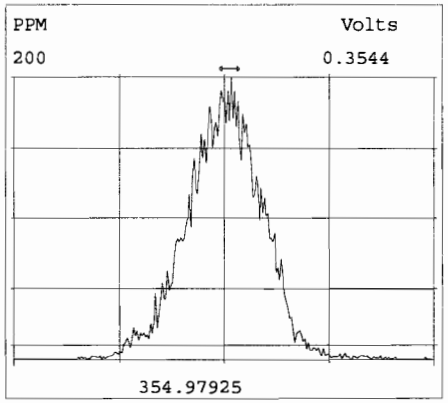
Peak Locate Examination:10-JAN-2018:13:49 File:180110E1

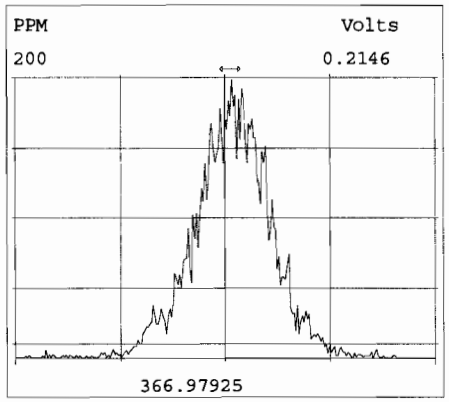
Experiment:PCB_ZB1 Function:4 Reference:PFK

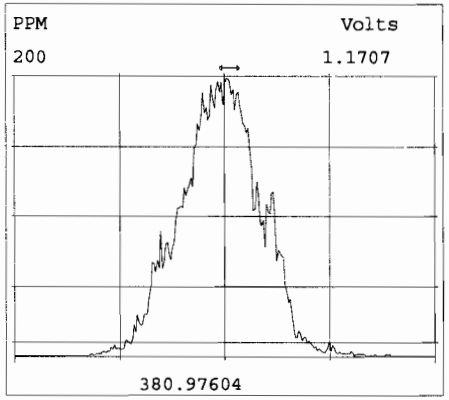


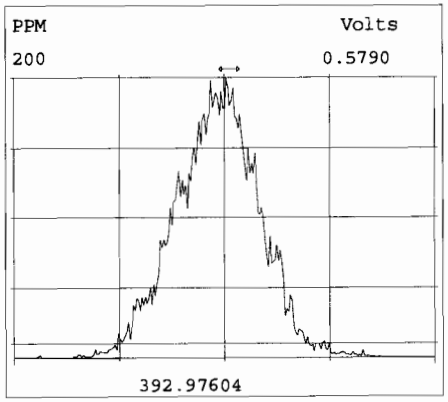


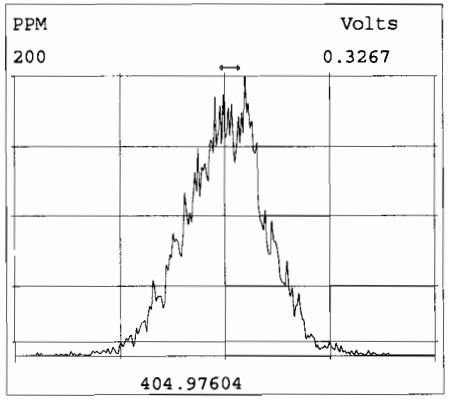


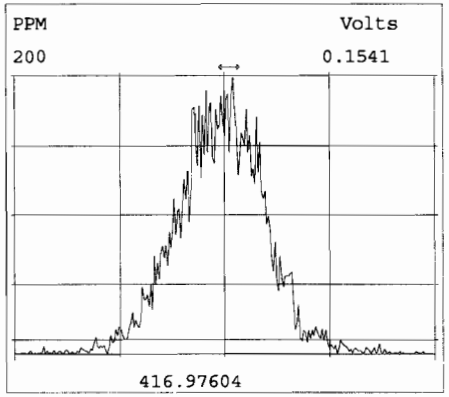


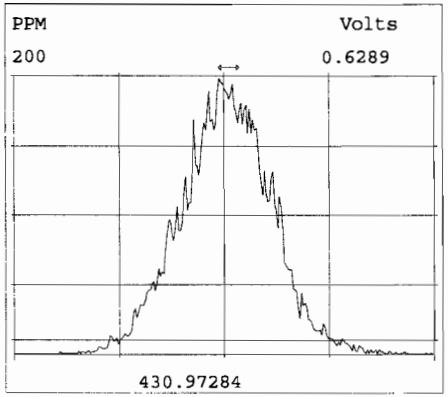


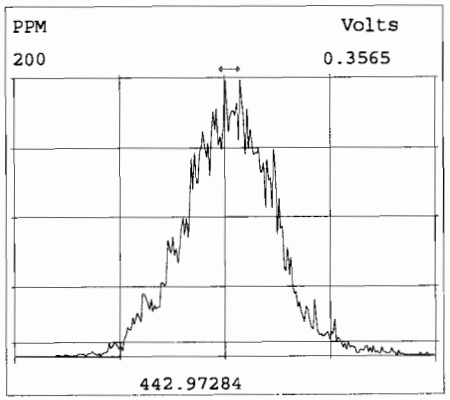






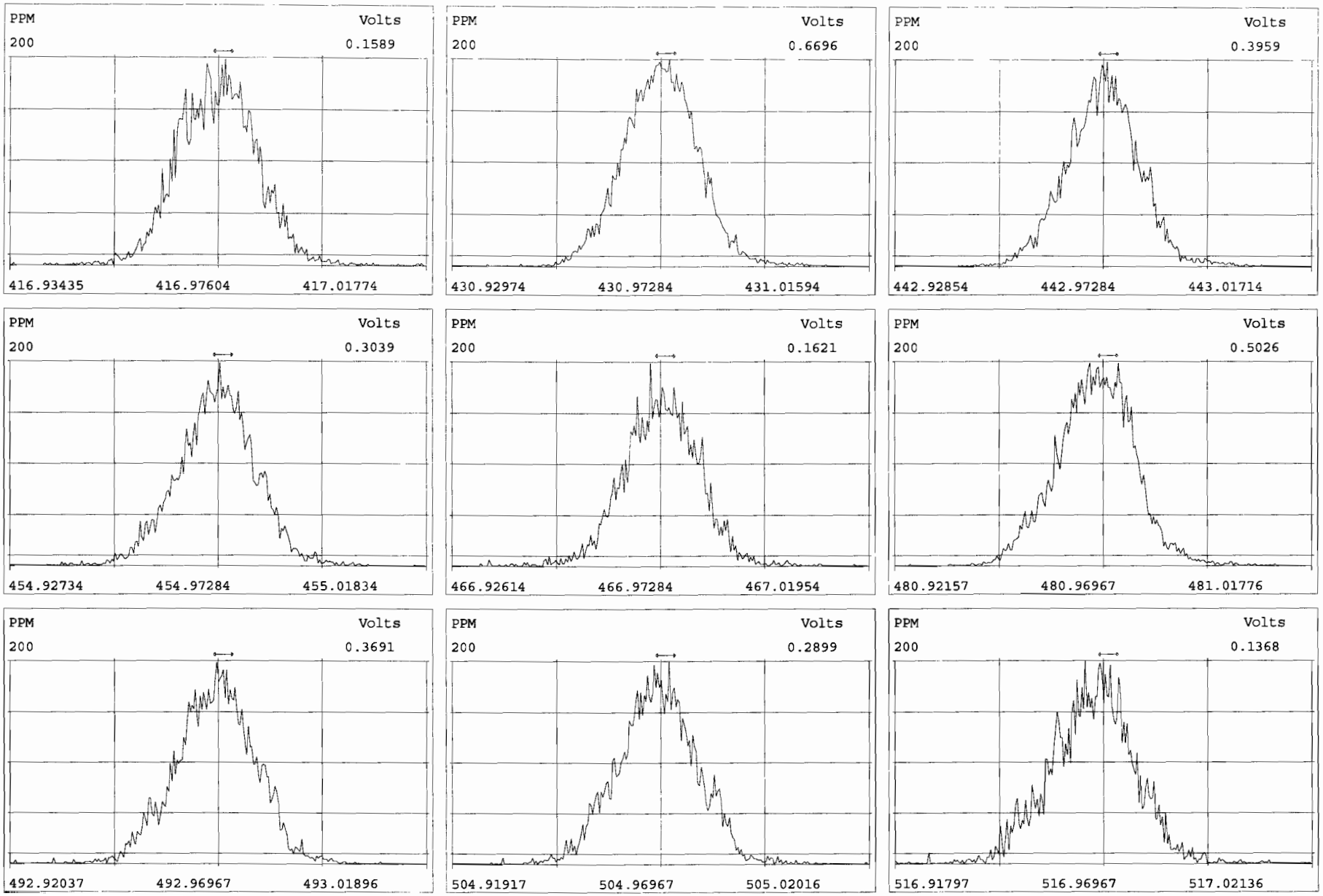






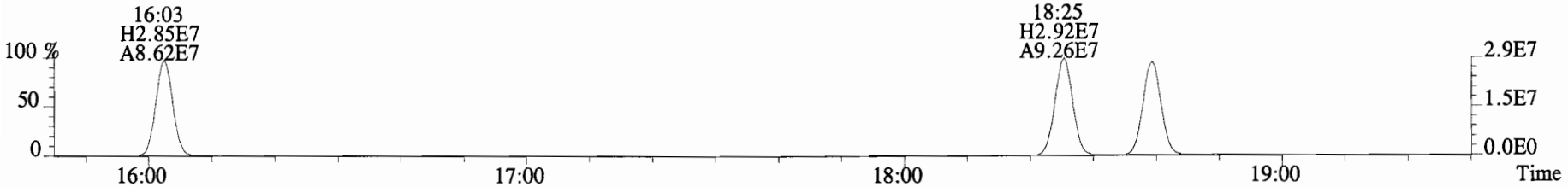
Peak Locate Examination:10-JAN-2018:13:49 File:180110E1

Experiment:PCB_ZB1 Function:5 Reference:PFK

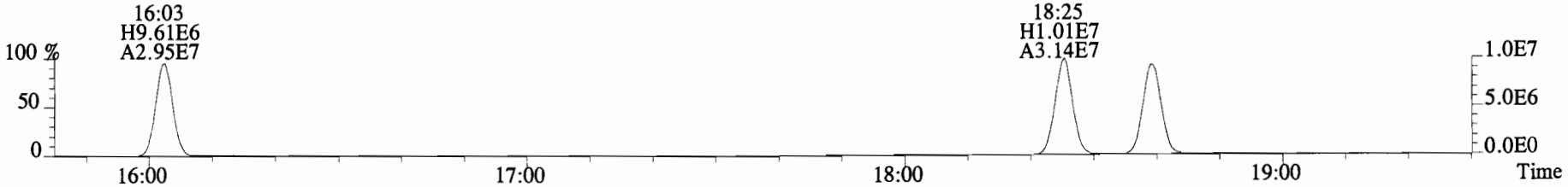


File:180110E1 #1-866 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1

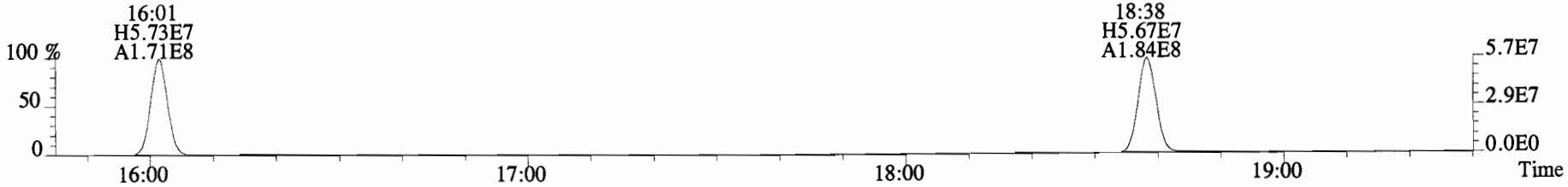
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11056.0,0.00%,F,F)



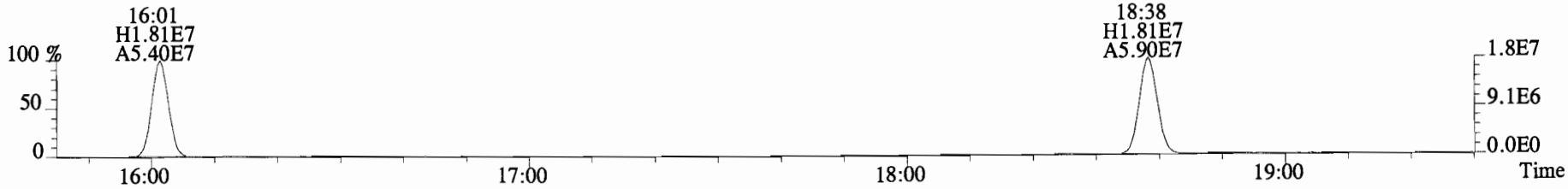
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7048.0,0.00%,F,F)



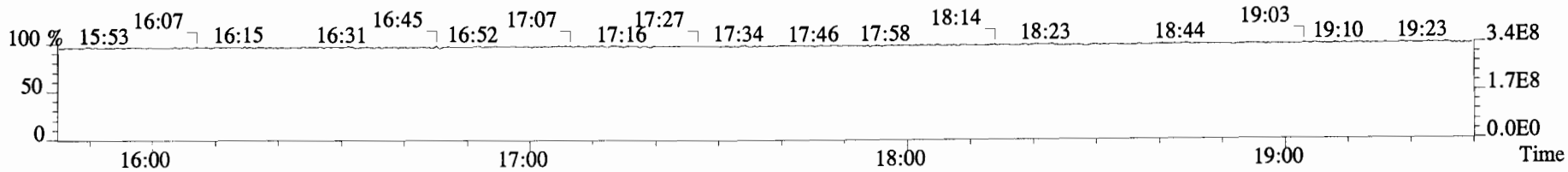
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9064.0,0.00%,F,F)



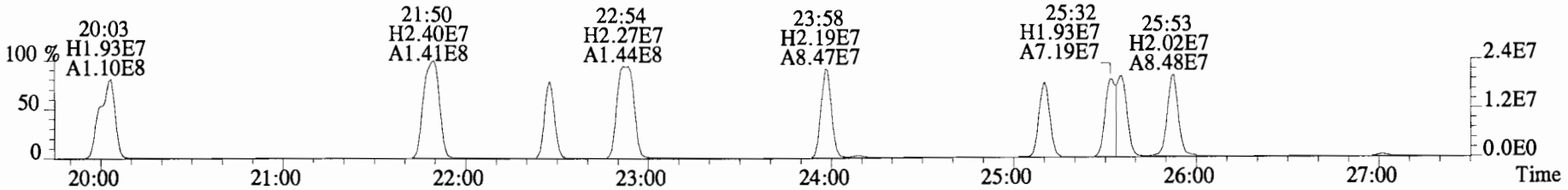
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50164.0,0.00%,F,F)



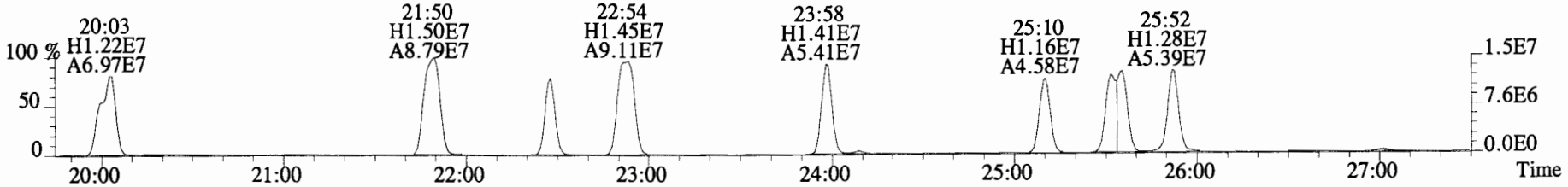
180.9880



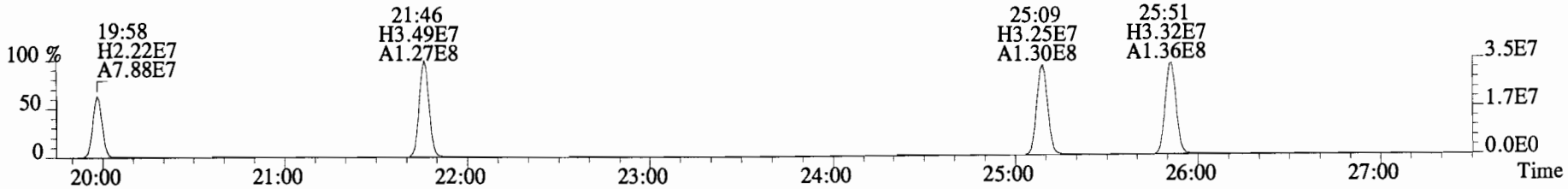
File:180110E1 #1-757 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10992.0,0.00%,F,F)



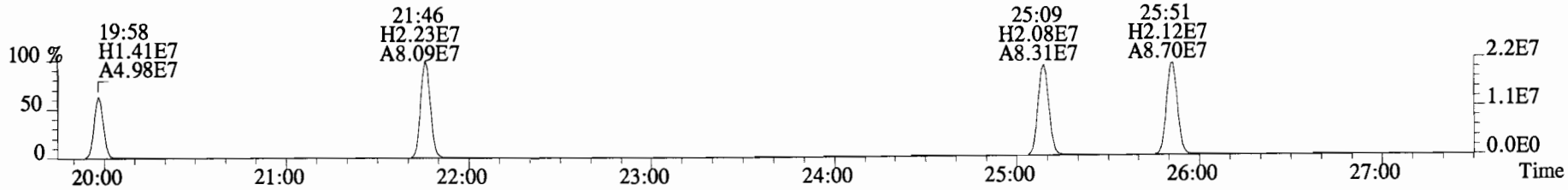
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,79868.0,0.00%,F,F)



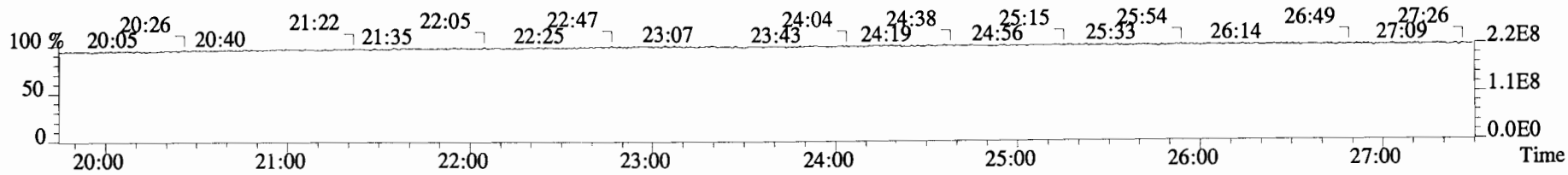
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10096.0,0.00%,F,F)



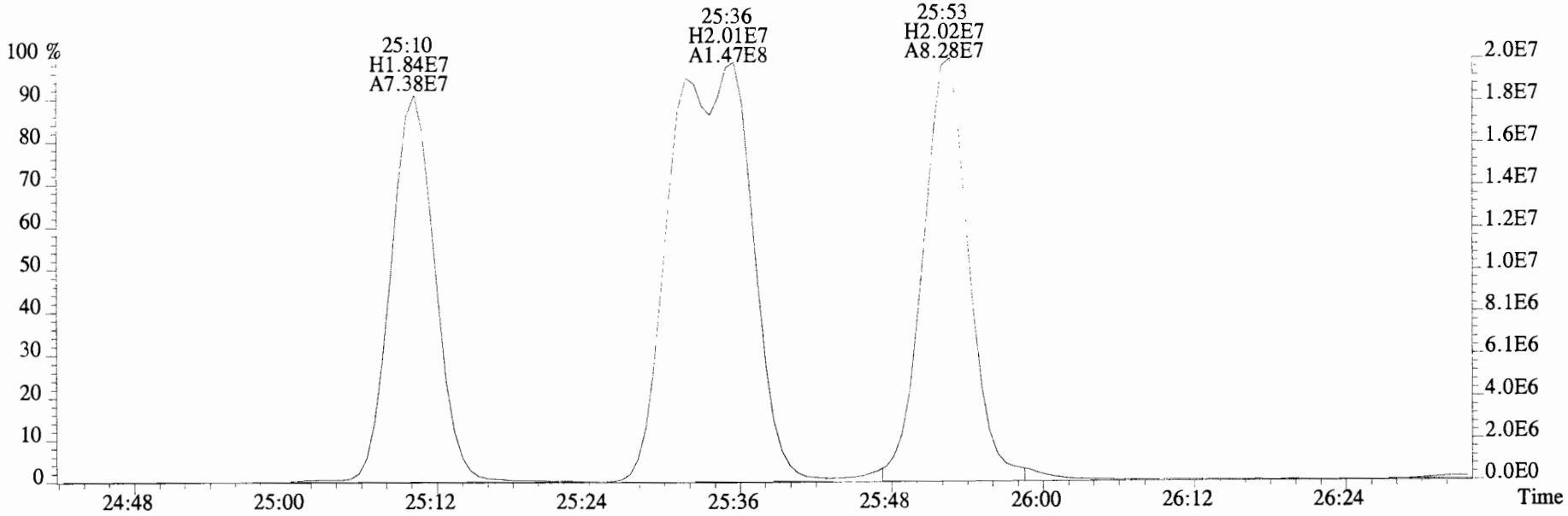
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6336.0,0.00%,F,F)



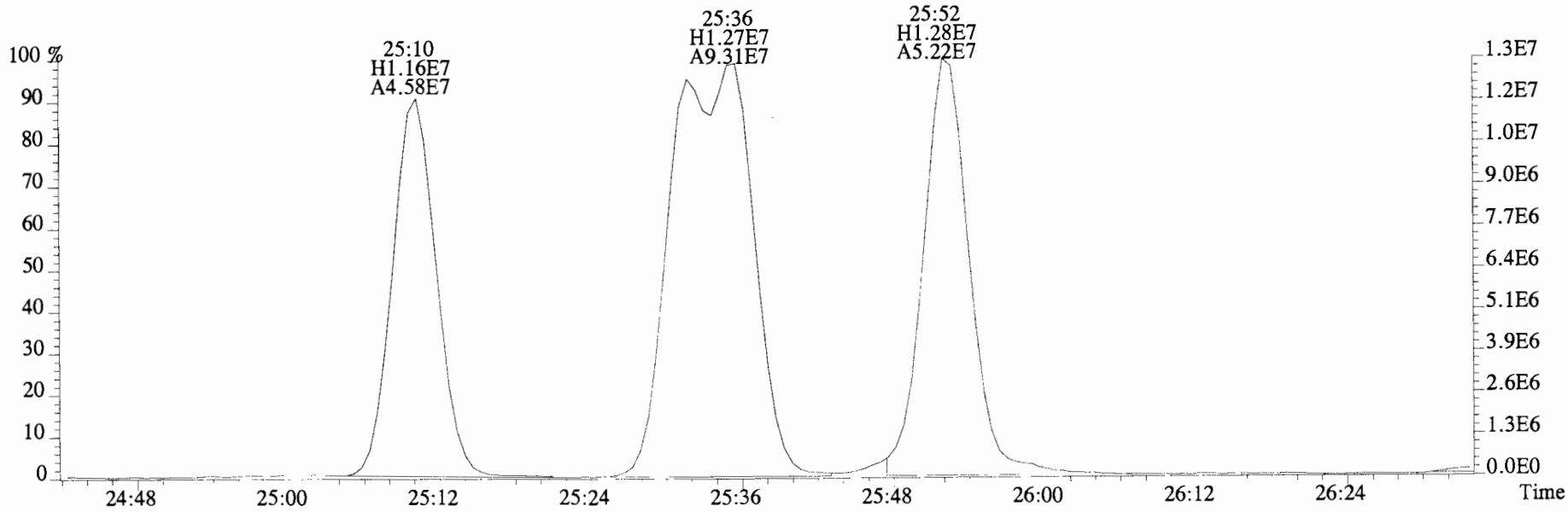
230.9856 F:2



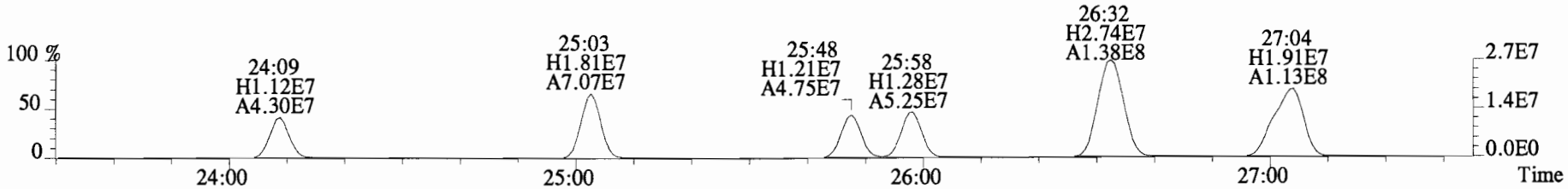
File:180110E1 #1-757 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10992.0,0.00%,F,F)



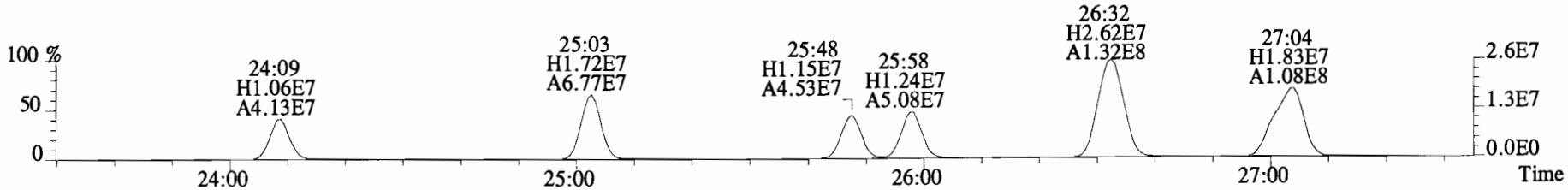
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,79868.0,0.00%,F,F)



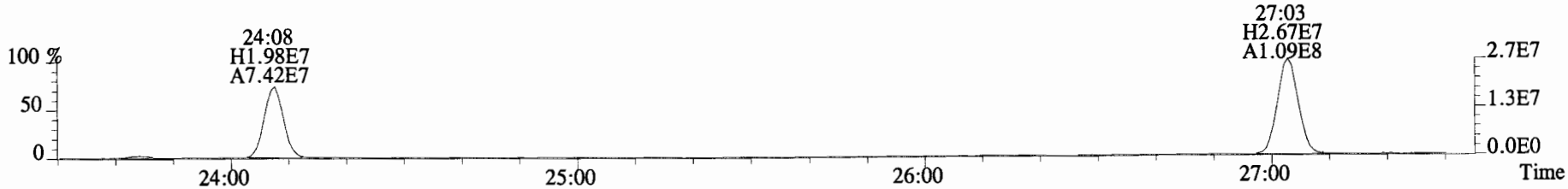
File:180110E1 #1-757 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6556.0,0.00%,F,F)



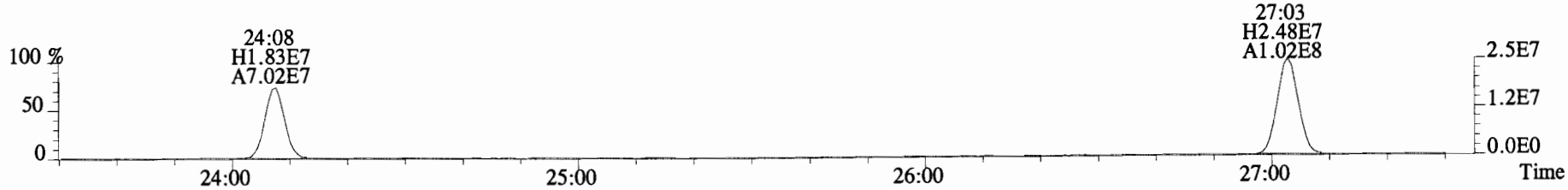
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4296.0,0.00%,F,F)



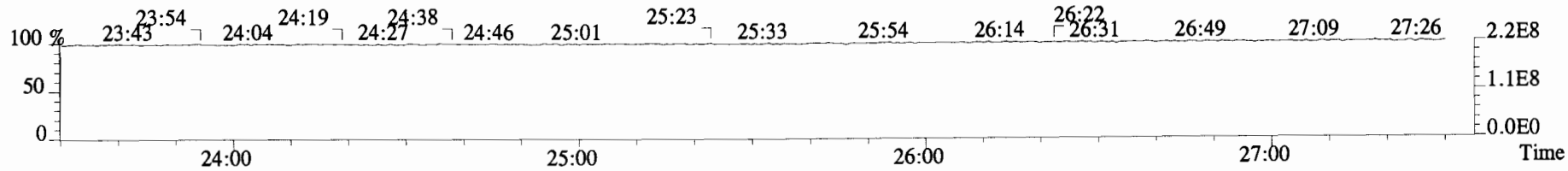
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,187656.0,0.00%,F,F)



269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144404.0,0.00%,F,F)

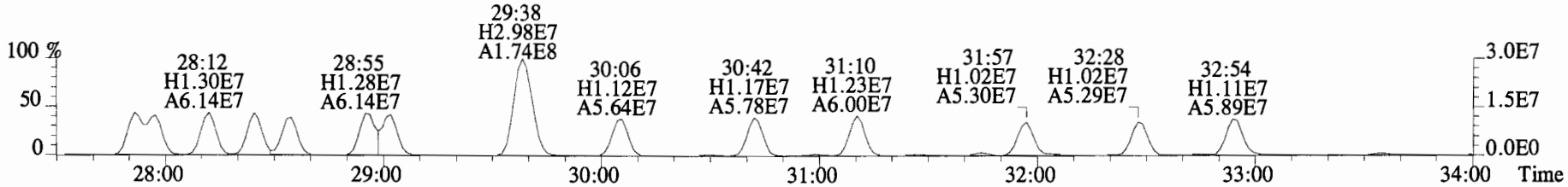


230.9856 F:2

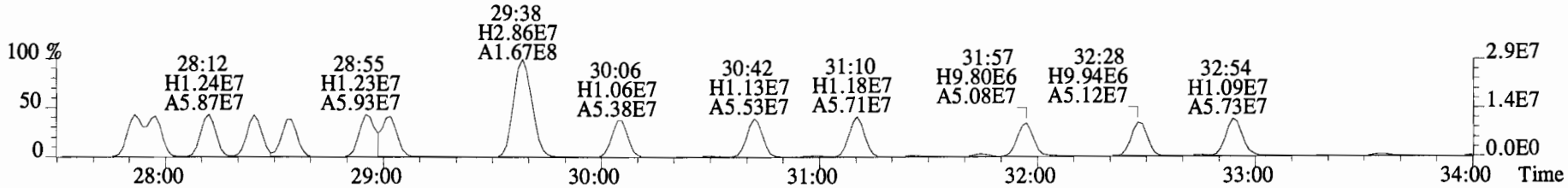


File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1

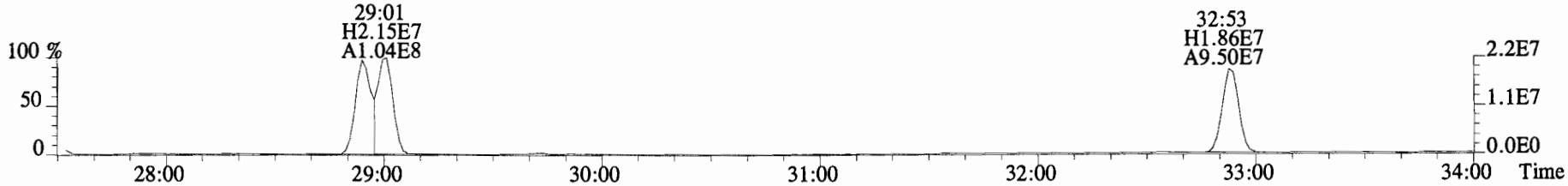
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8520.0,0.00%,F,F)



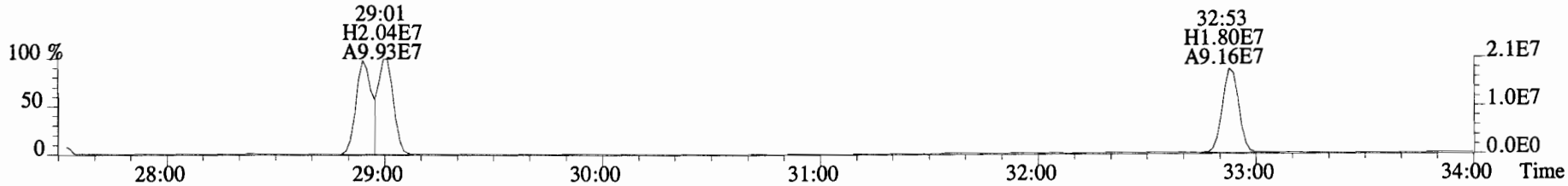
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5916.0,0.00%,F,F)



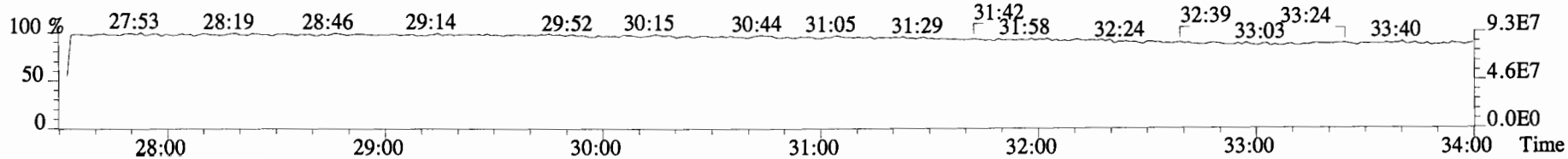
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,251804.0,0.00%,F,F)



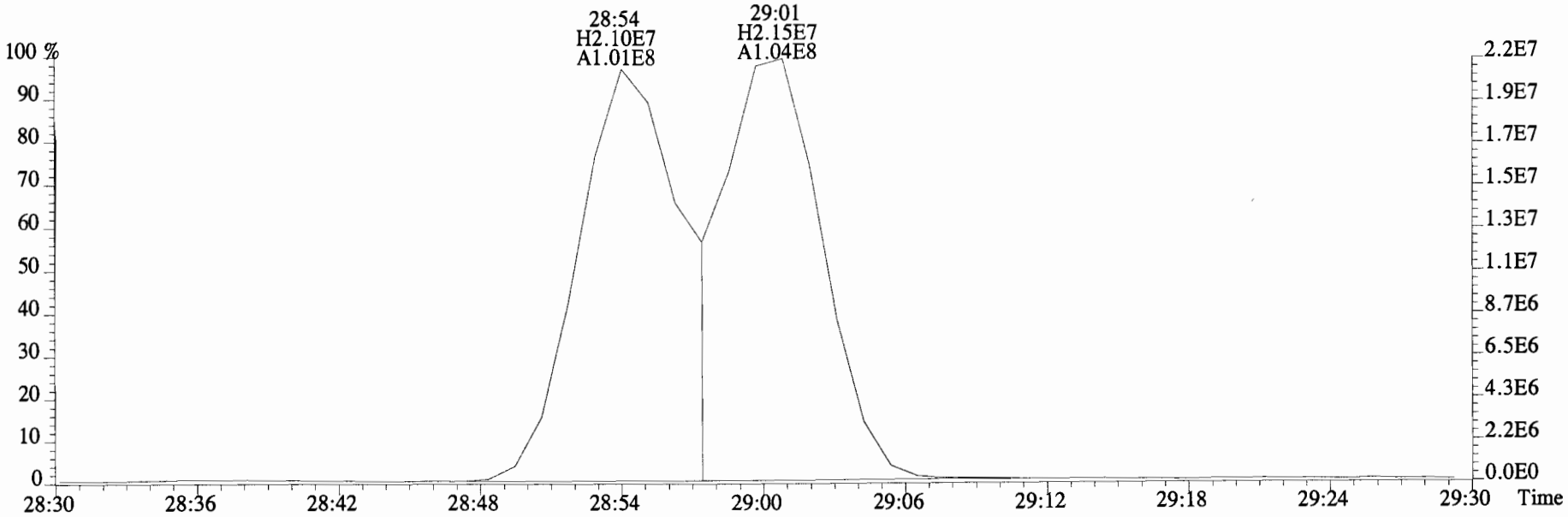
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,165828.0,0.00%,F,F)



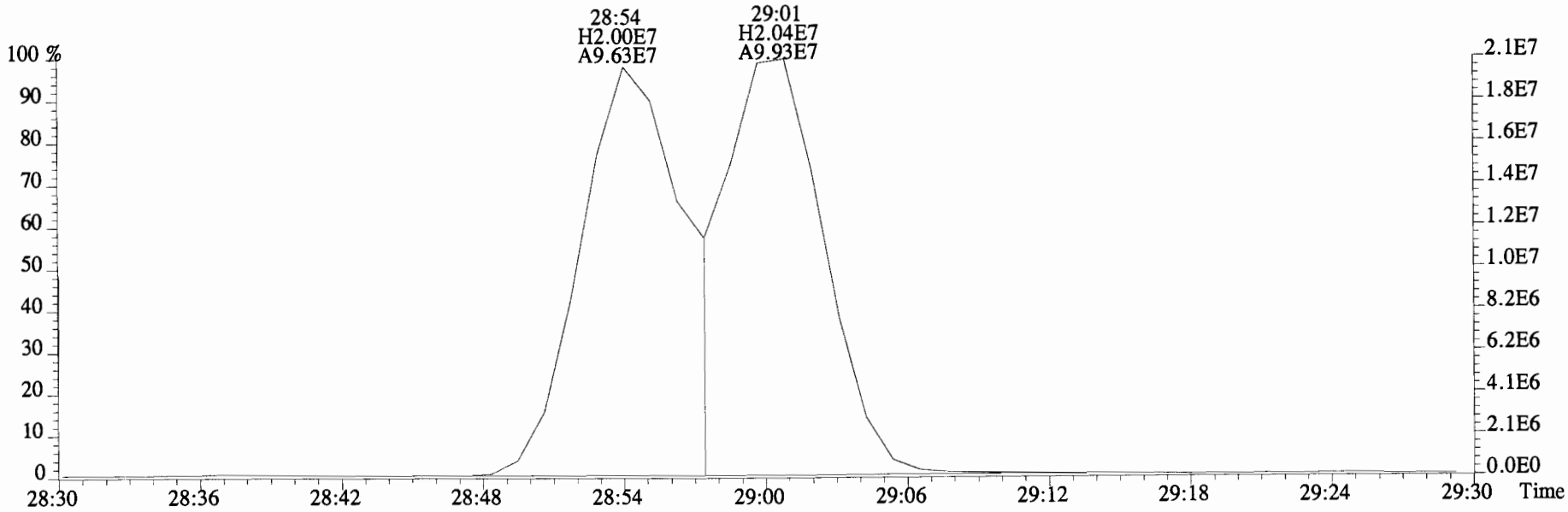
330.9792 F:3



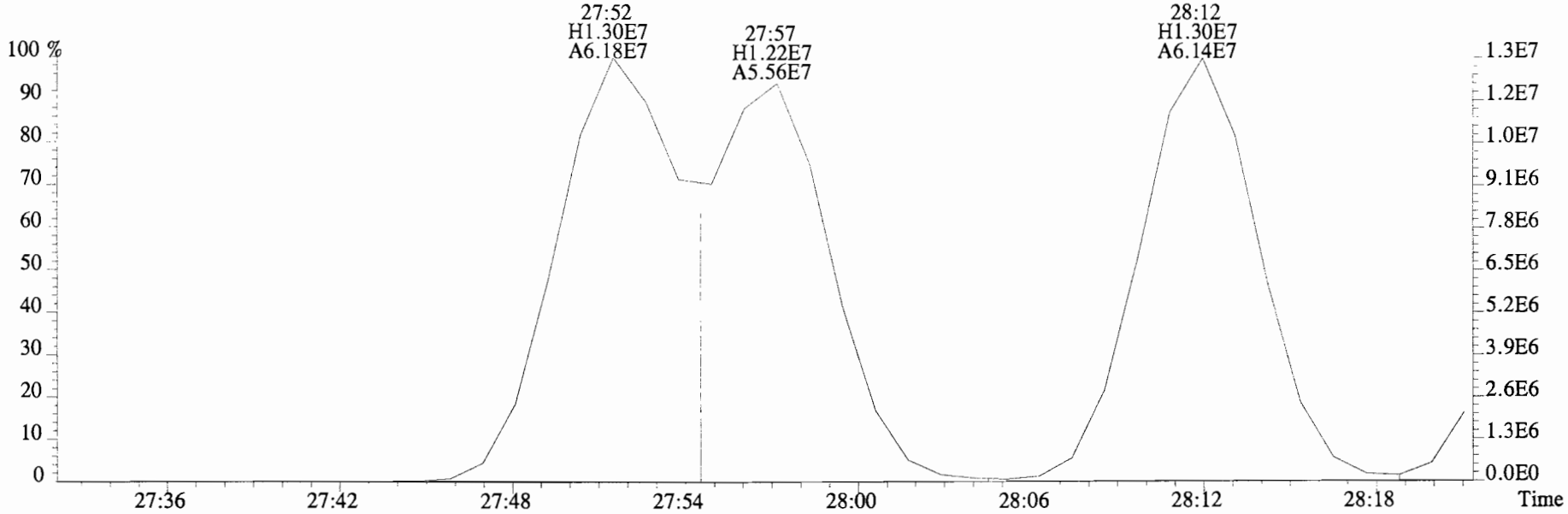
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,251804.0,0.00%,F,F)



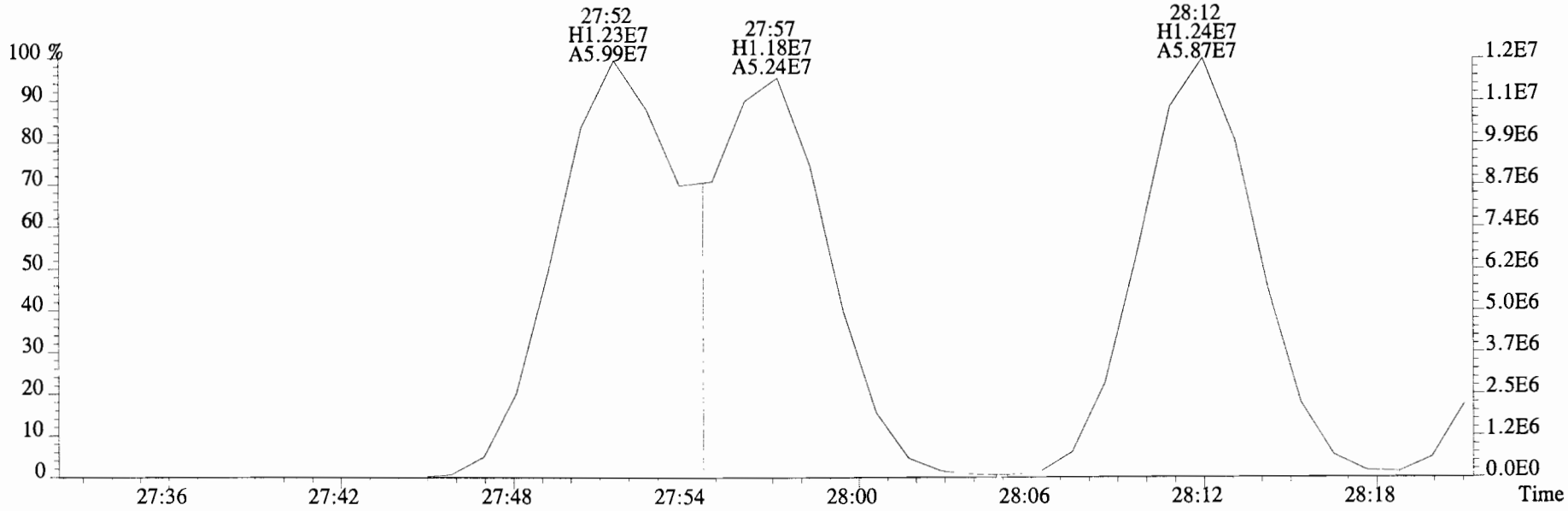
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,165828.0,0.00%,F,F)



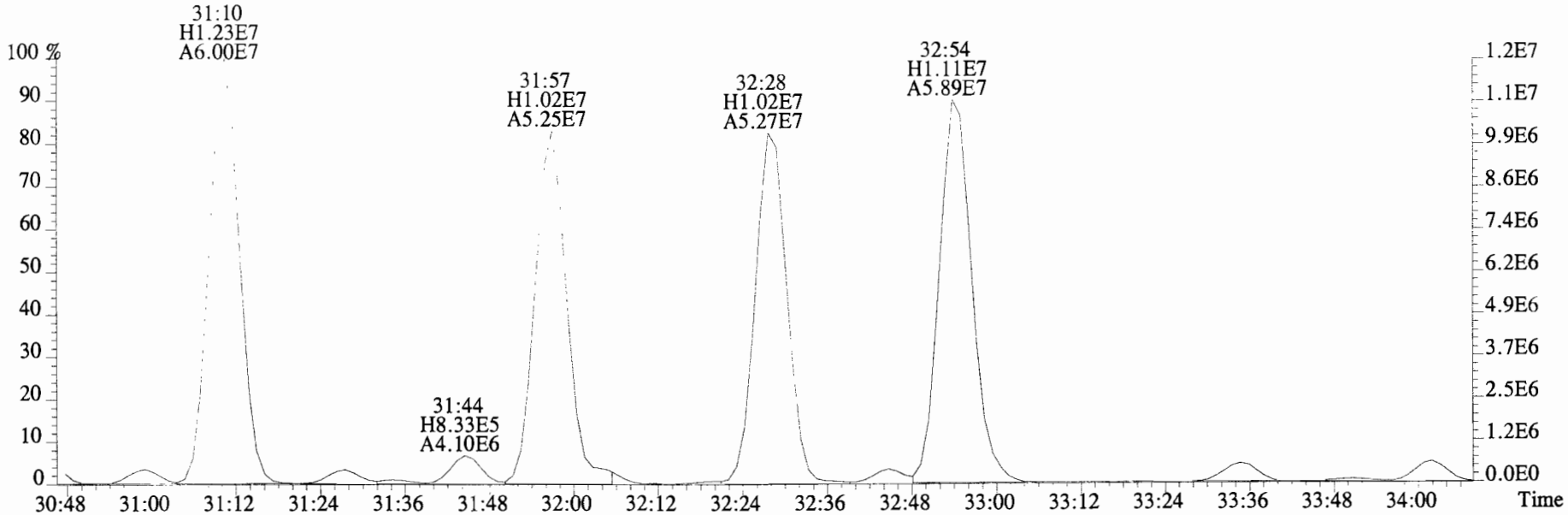
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8520.0,0.00%,F,F)



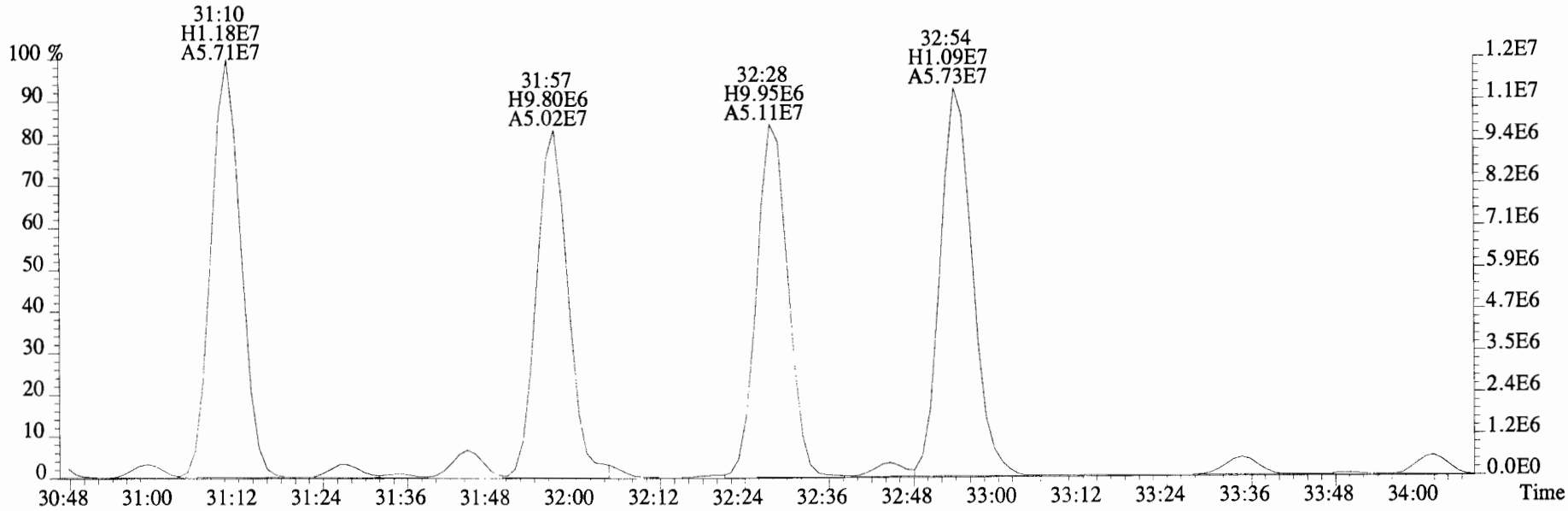
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5916.0,0.00%,F,F)



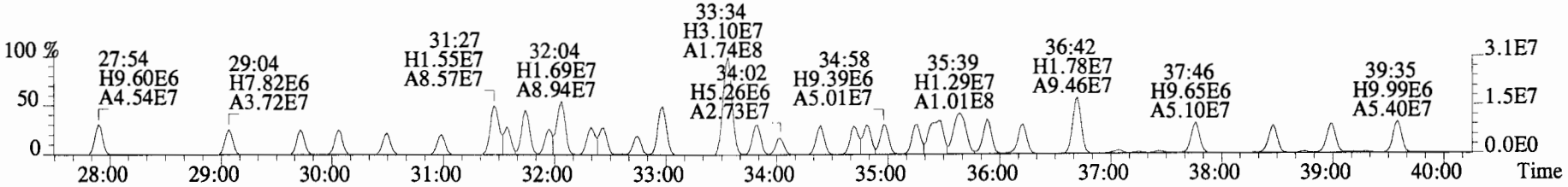
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8520.0,0.00%,F,F)



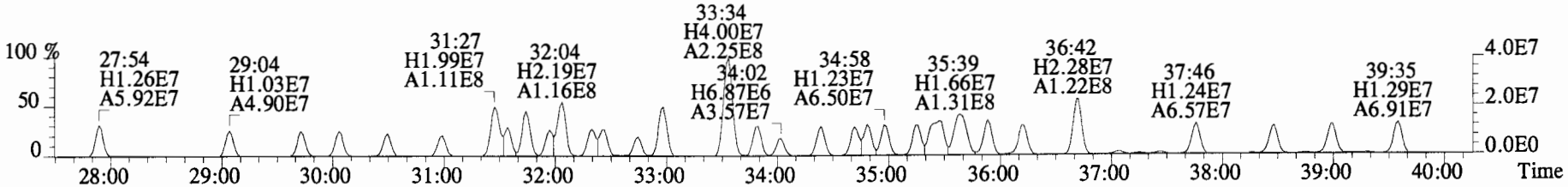
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5916.0,0.00%,F,F)



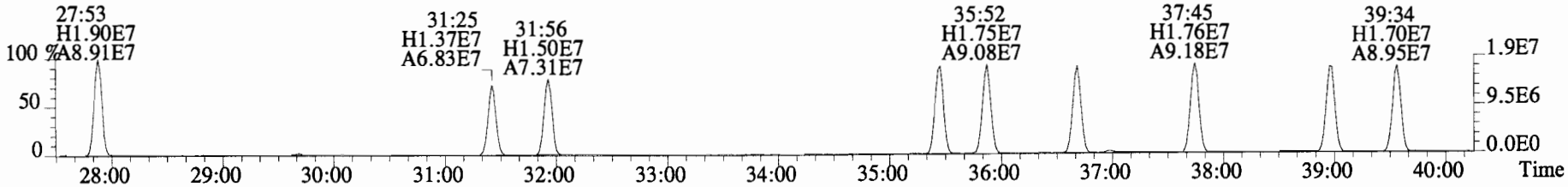
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15620.0,0.00%,F,F)



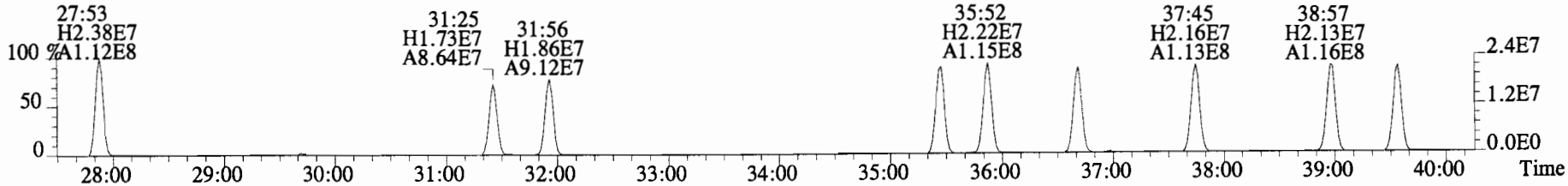
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22112.0,0.00%,F,F)



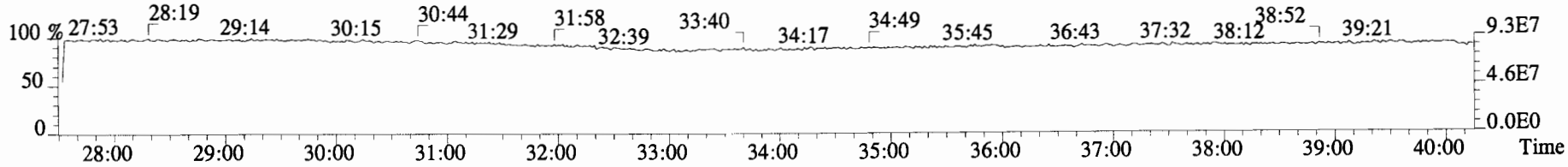
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67836.0,0.00%,F,F)



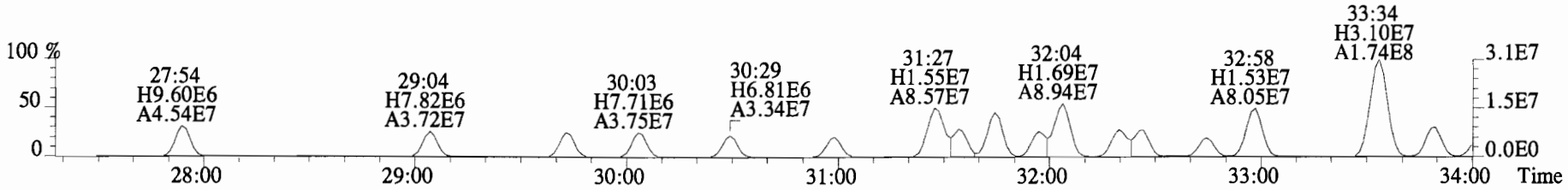
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34352.0,0.00%,F,F)



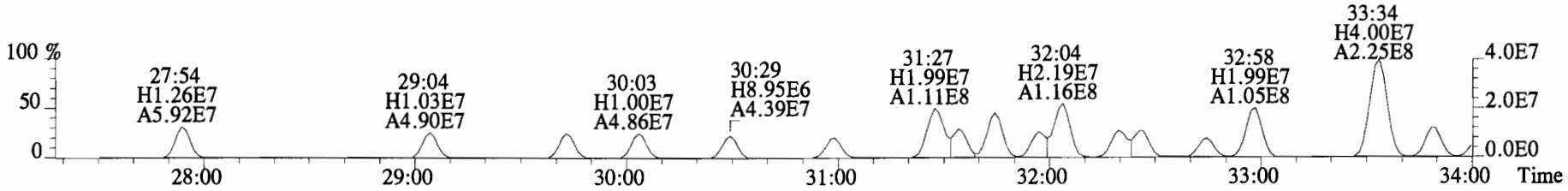
330.9792 F:3



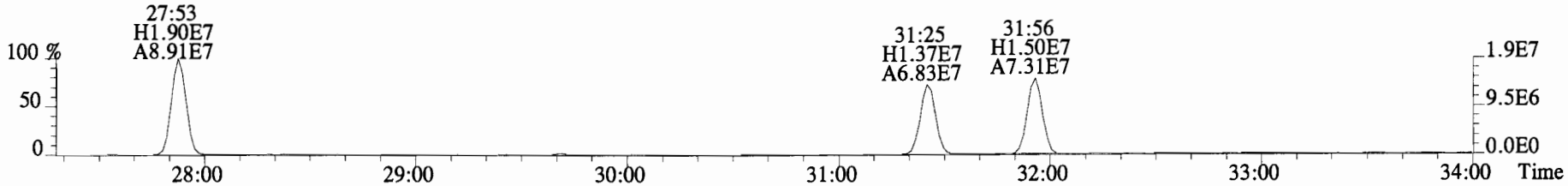
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15620.0,0.00%,F,F)



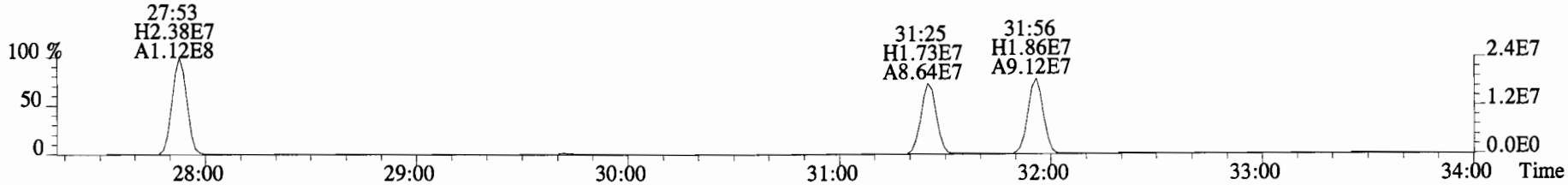
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22112.0,0.00%,F,F)



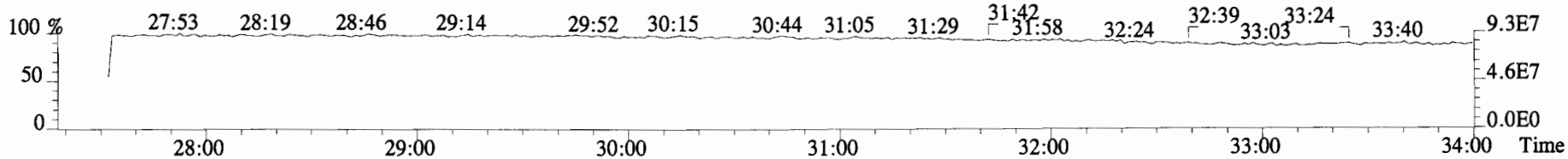
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67836.0,0.00%,F,F)



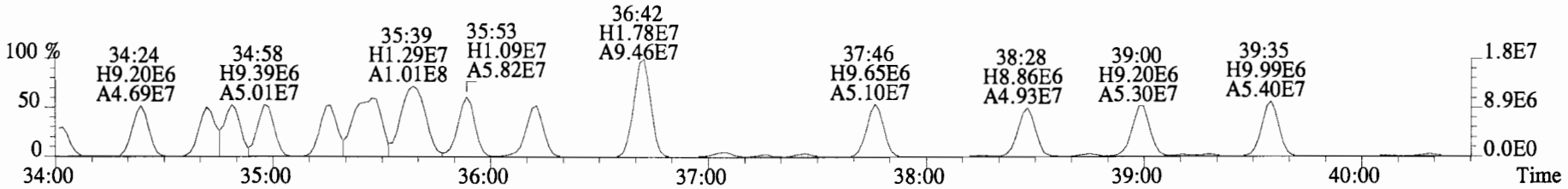
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34352.0,0.00%,F,F)



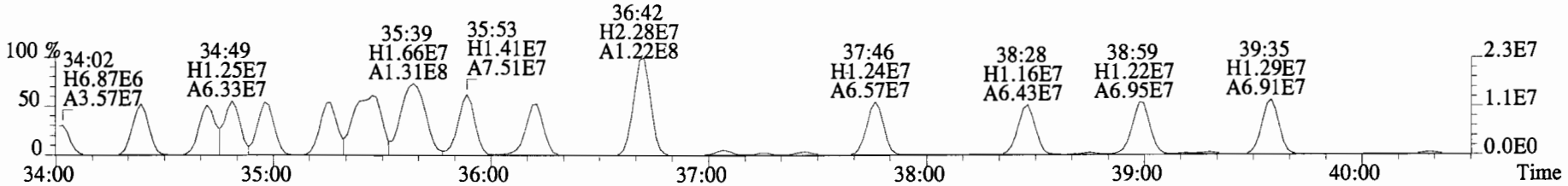
330.9792 F:3



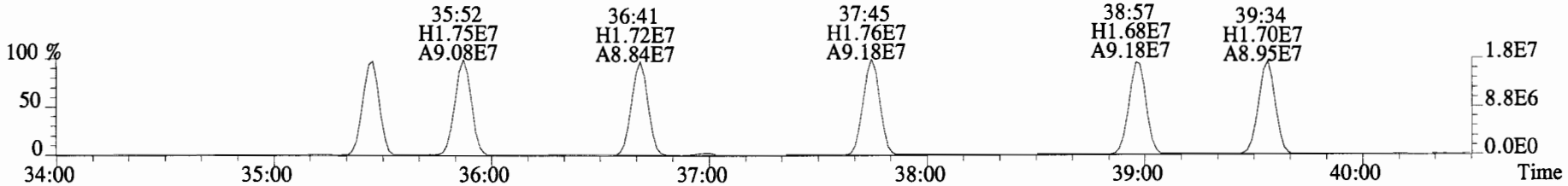
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15620.0,0.00%,F,F)



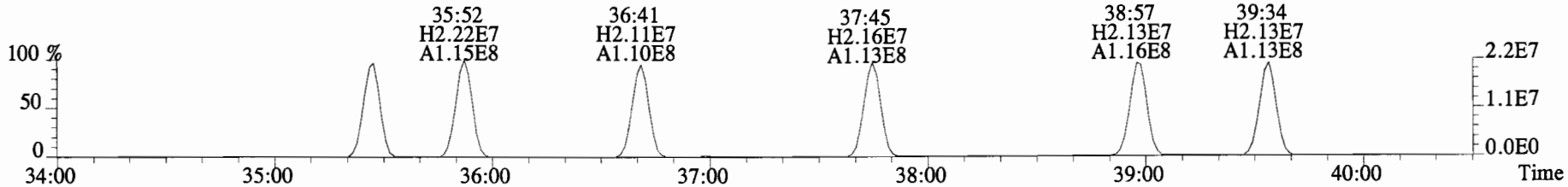
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22112.0,0.00%,F,F)



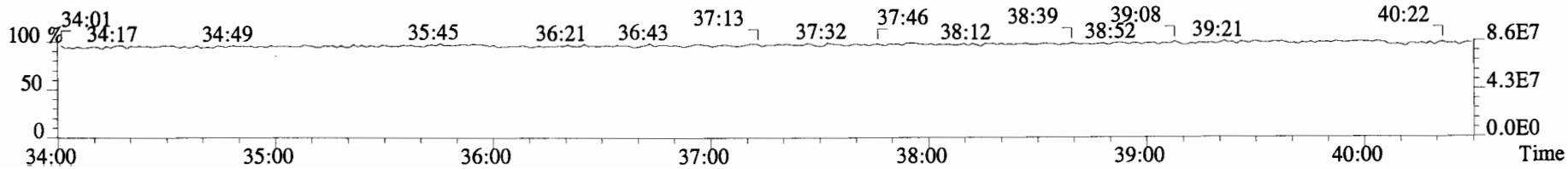
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67836.0,0.00%,F,F)



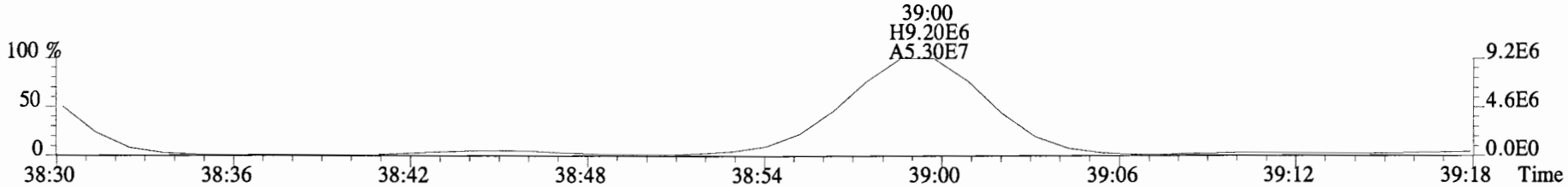
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34352.0,0.00%,F,F)



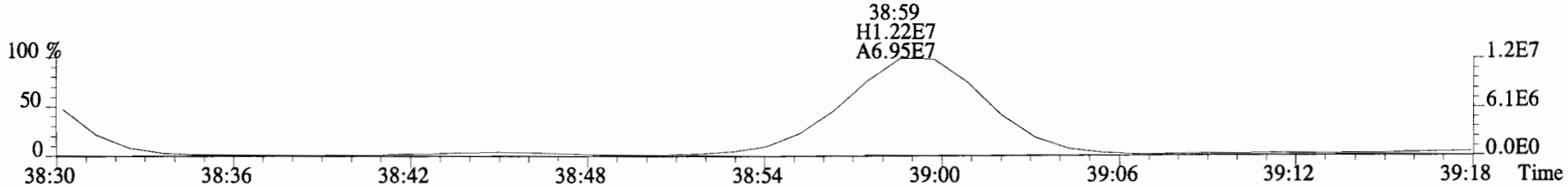
330.9792 F:3



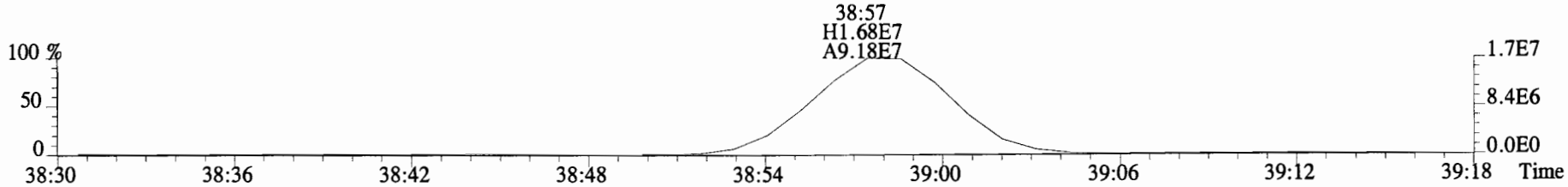
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15620.0,0.00%,F,F)



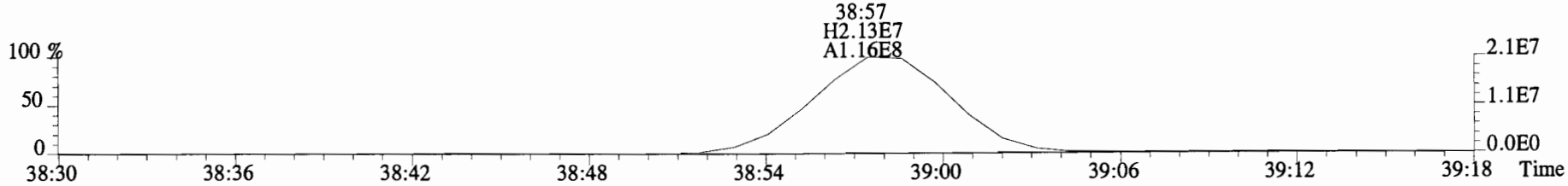
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22112.0,0.00%,F,F)



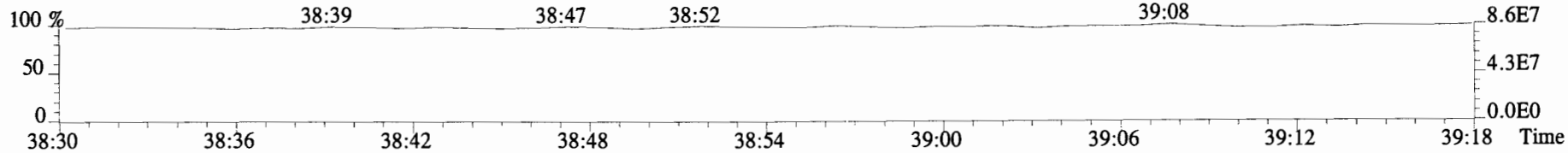
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67836.0,0.00%,F,F)



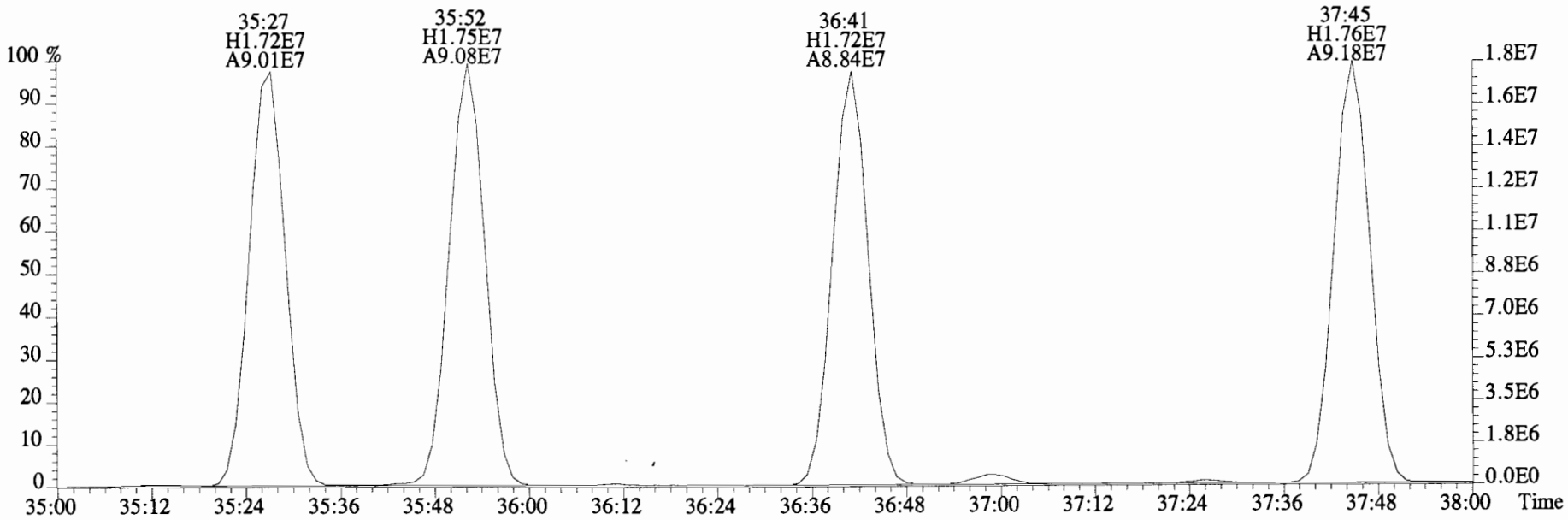
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34352.0,0.00%,F,F)



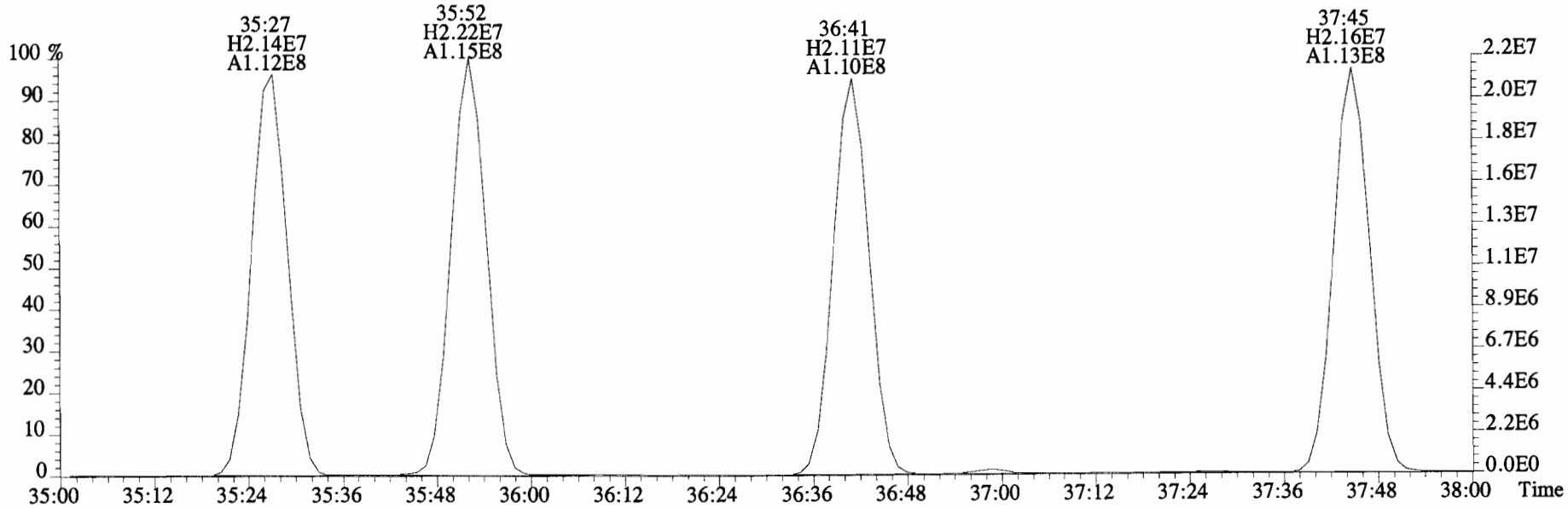
330.9792 F:3



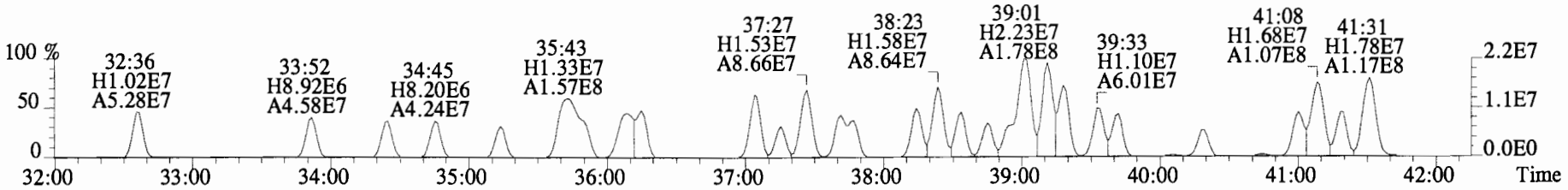
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67836.0,0.00%,F,F)



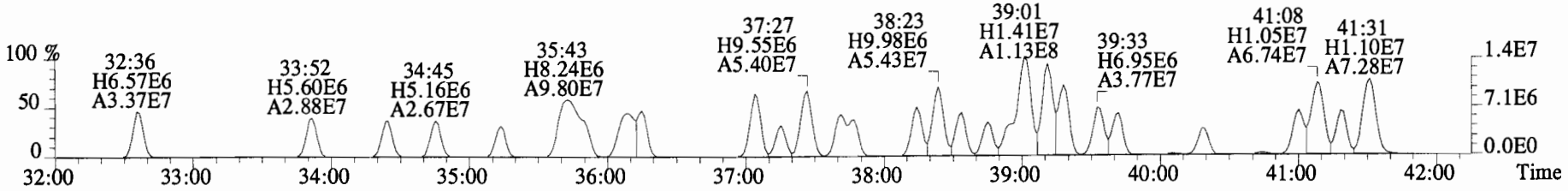
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34352.0,0.00%,F,F)



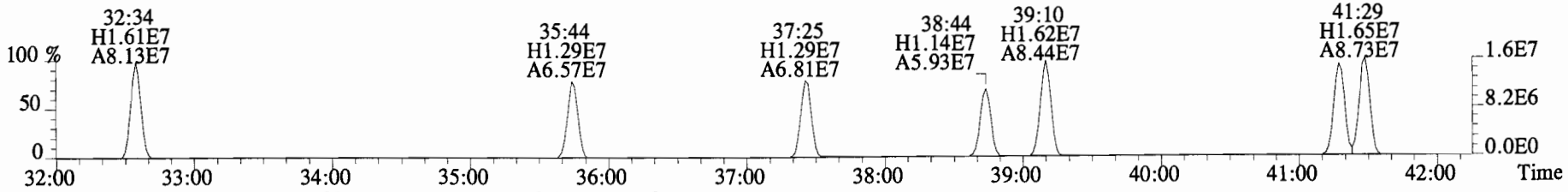
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



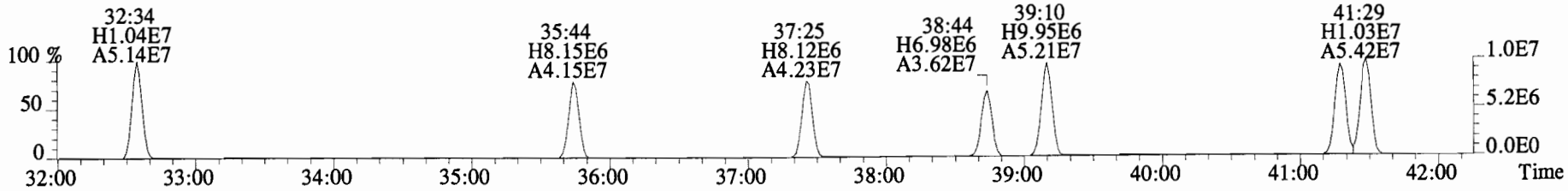
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



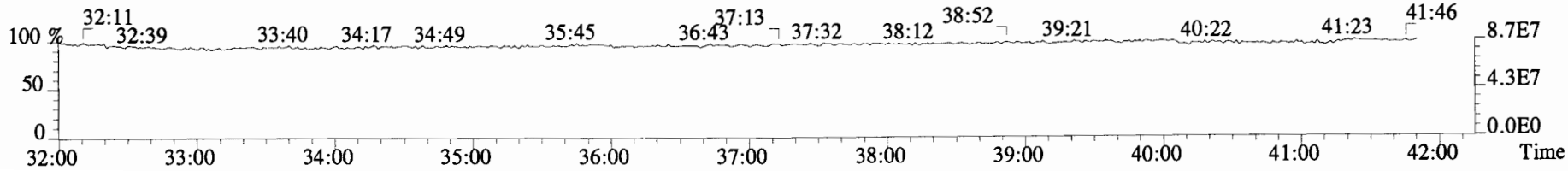
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4944.0,0.00%,F,F)



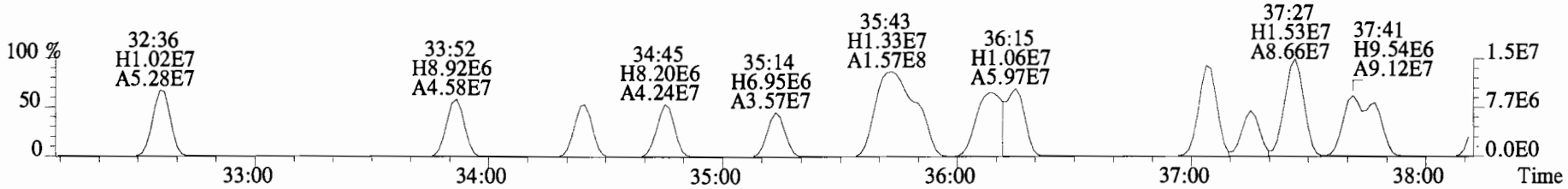
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4108.0,0.00%,F,F)



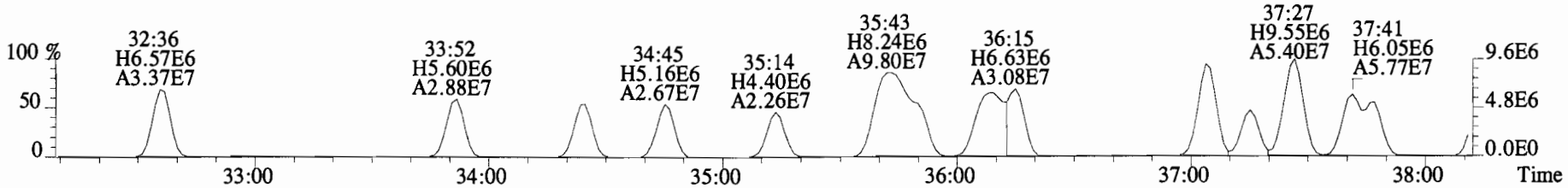
330.9792 F:3



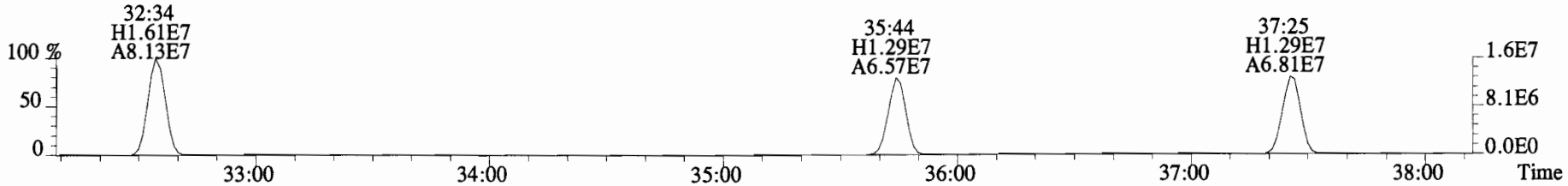
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



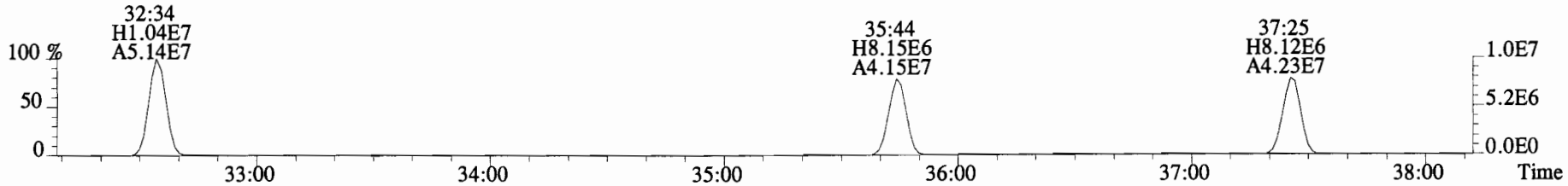
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



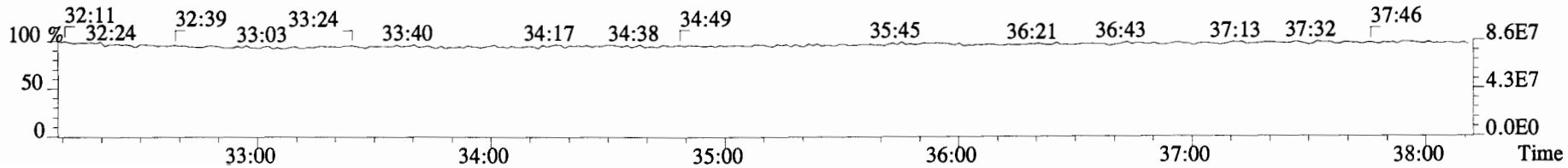
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4944.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4108.0,0.00%,F,F)

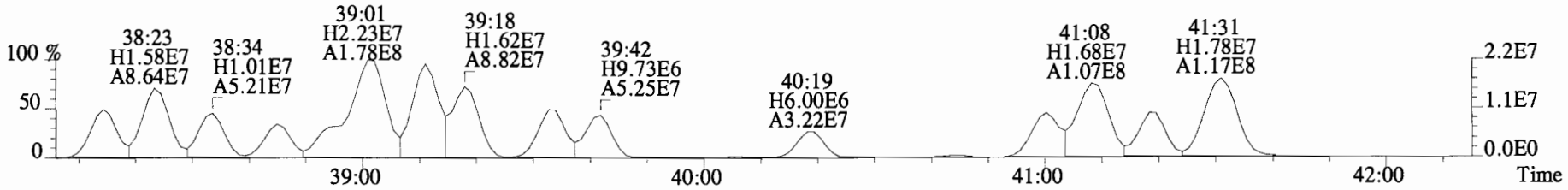


330.9792 F:3

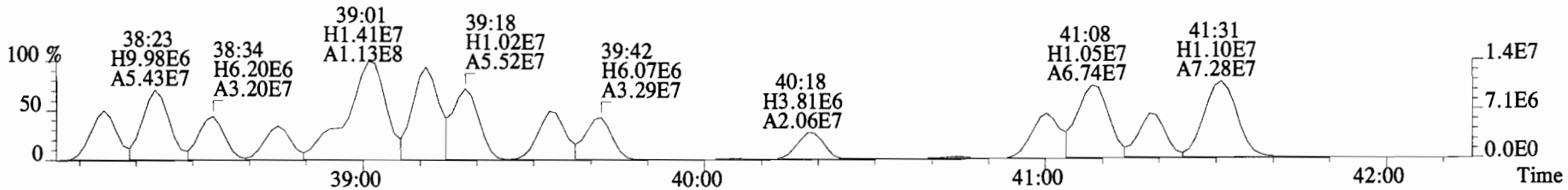


File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1

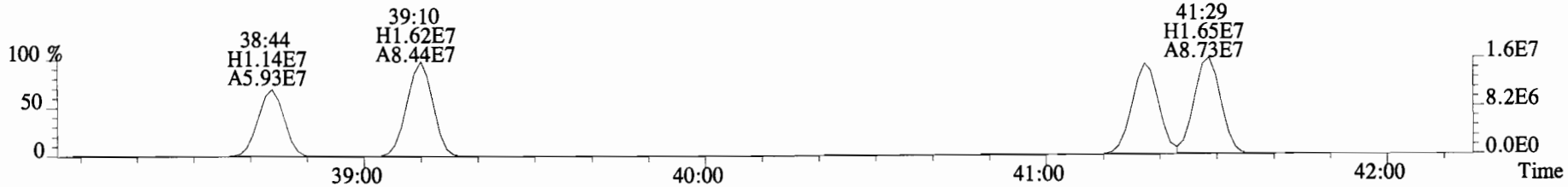
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



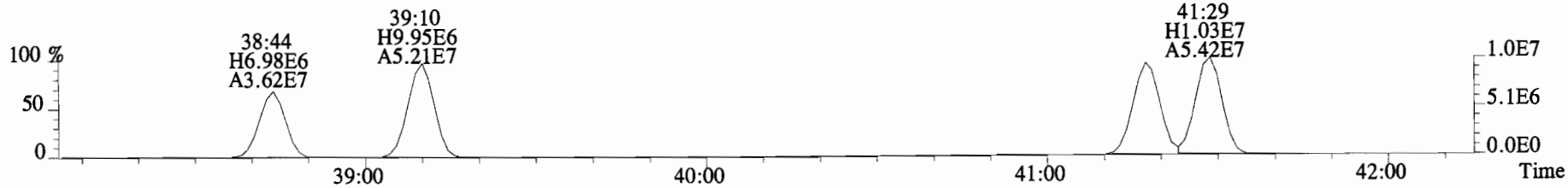
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



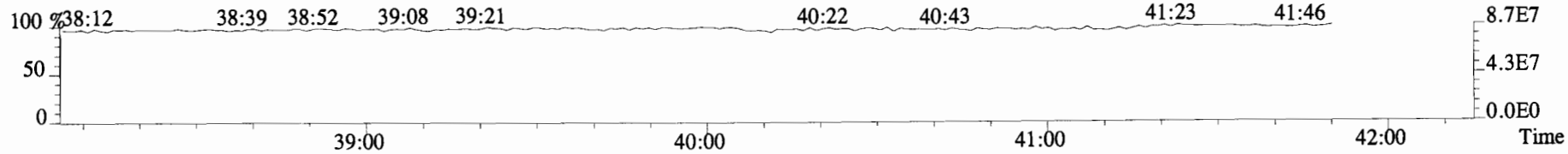
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4944.0,0.00%,F,F)



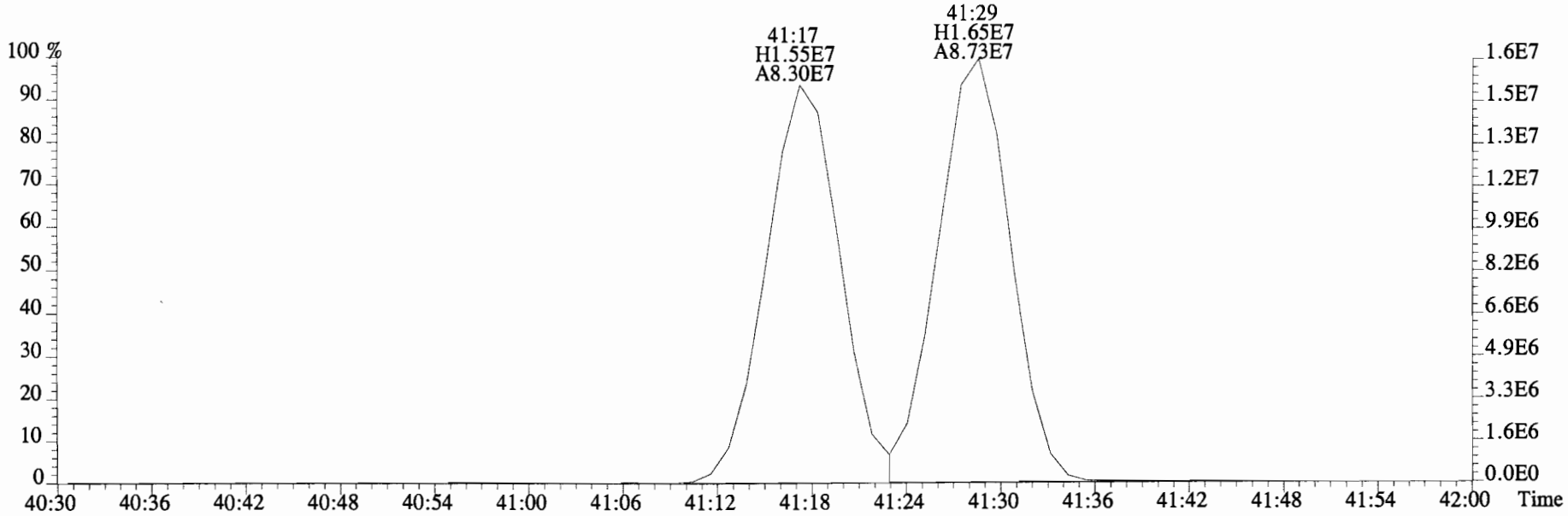
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4108.0,0.00%,F,F)



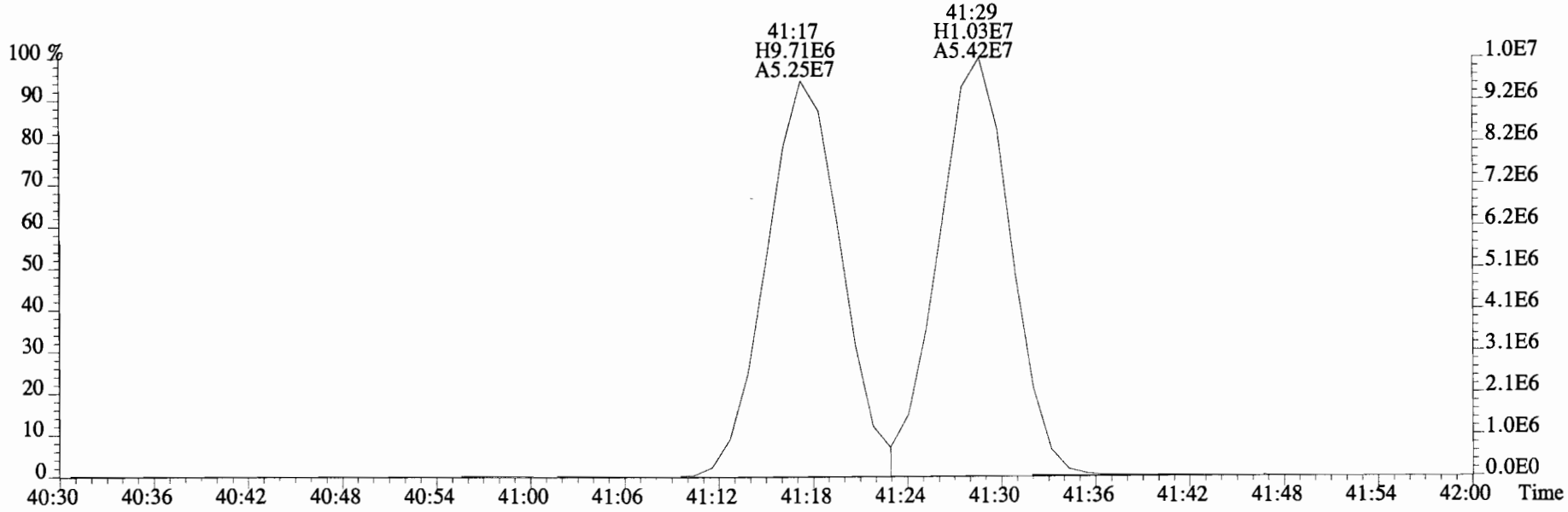
330.9792 F:3



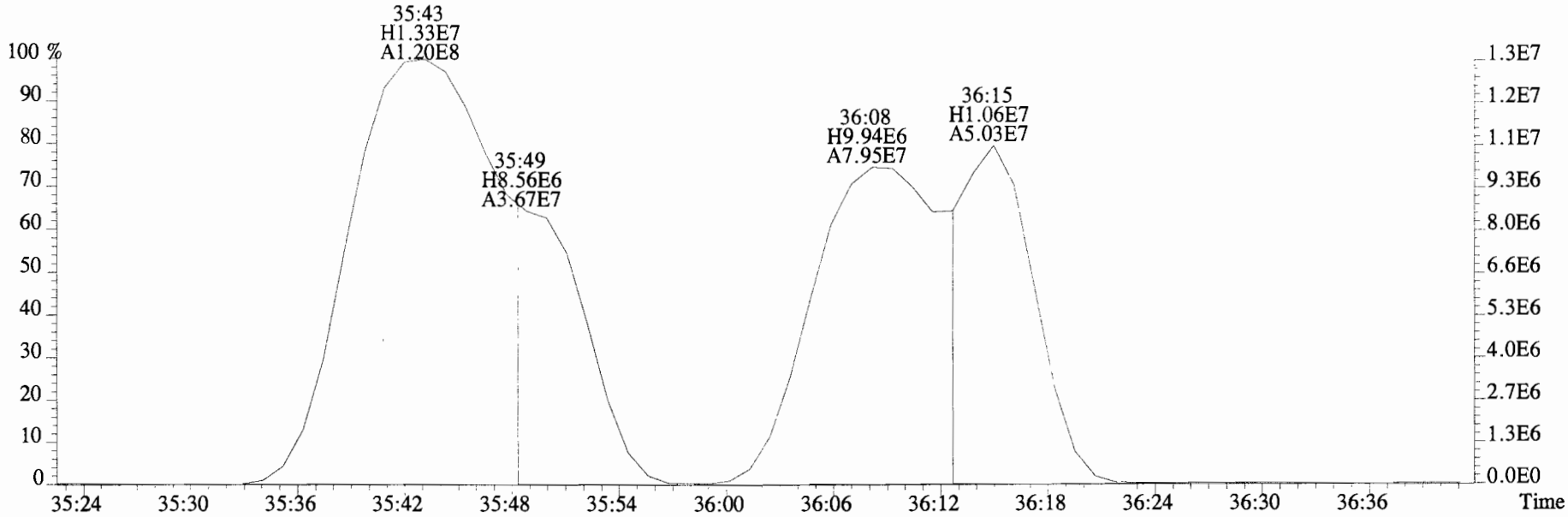
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4944.0,0.00%,F,F)



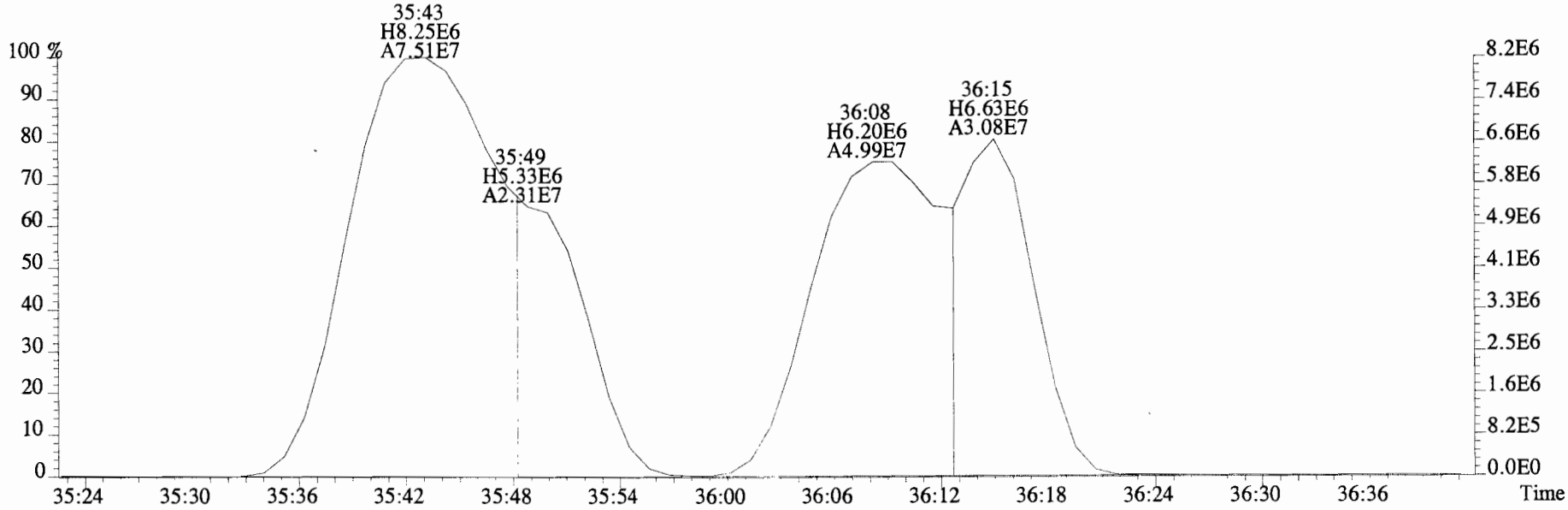
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4108.0,0.00%,F,F)



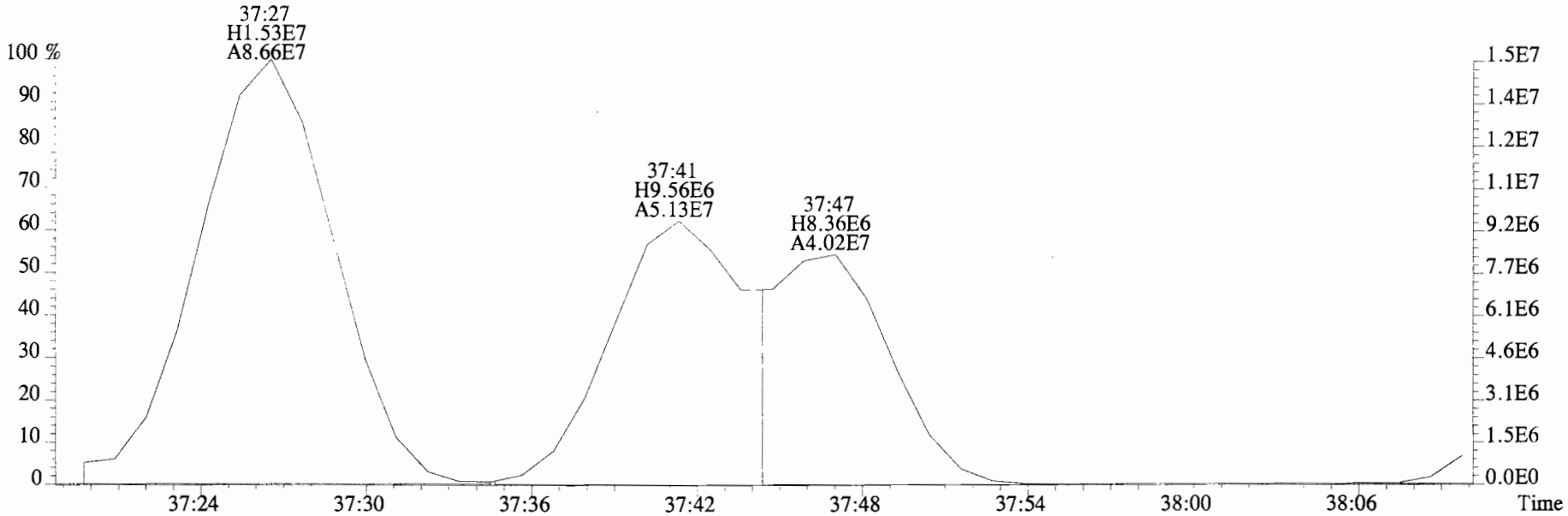
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



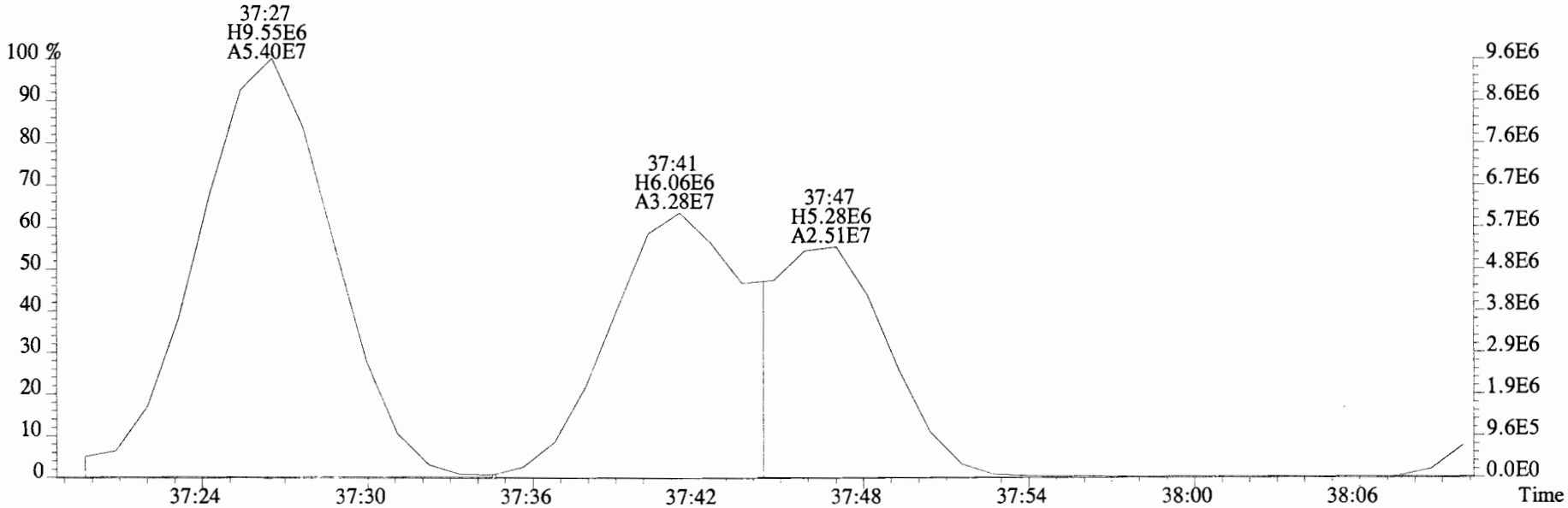
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



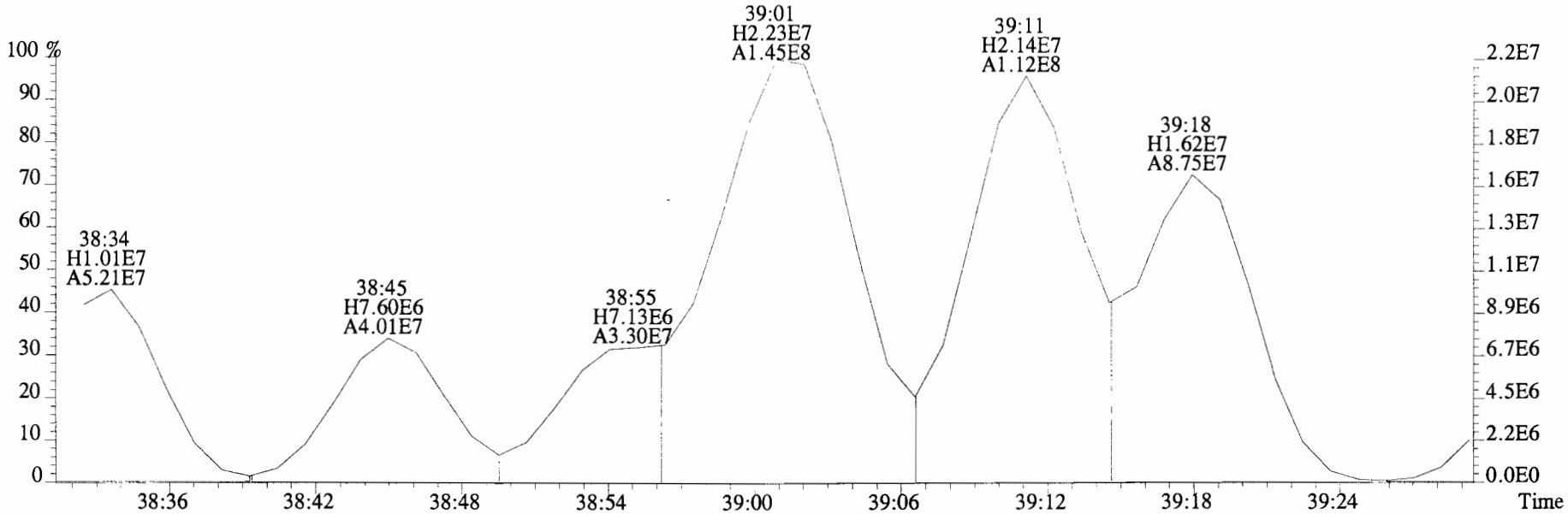
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



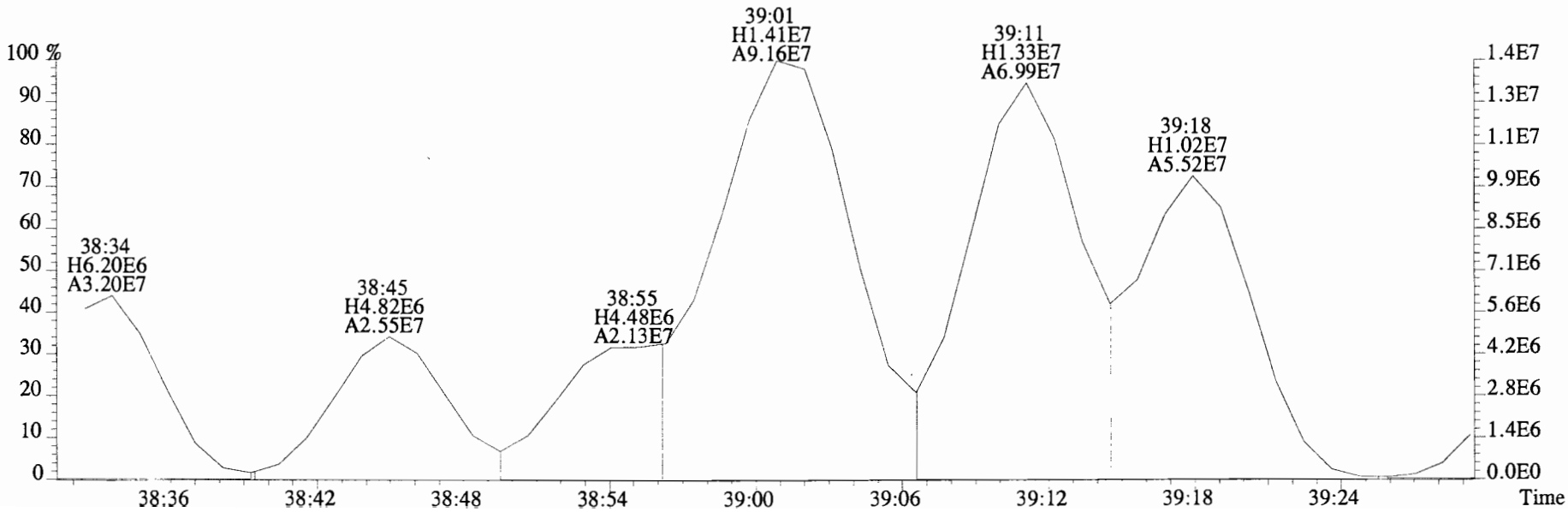
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



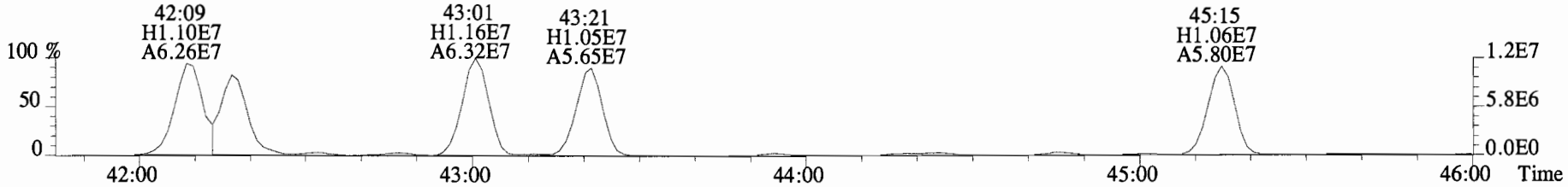
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



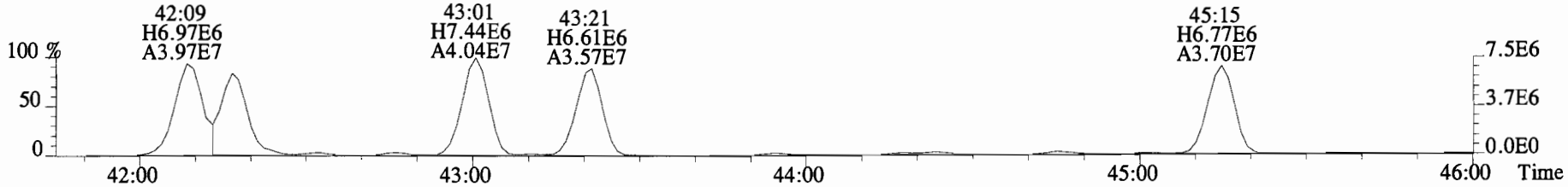
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2520.0,0.00%,F,F)



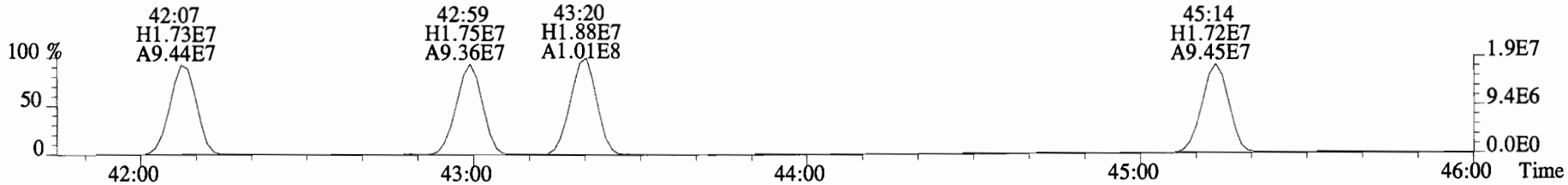
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6052.0,0.00%,F,F)



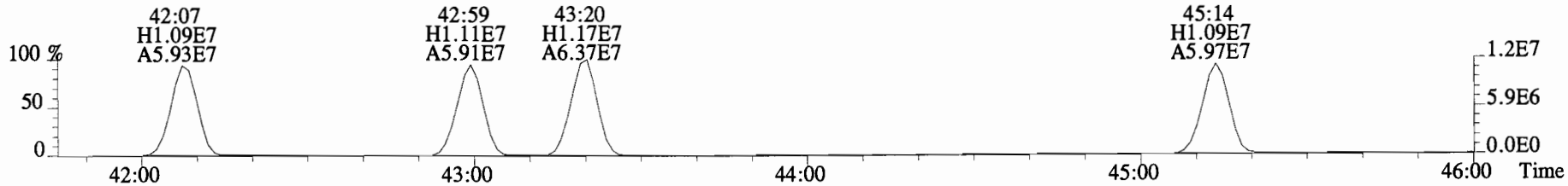
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4688.0,0.00%,F,F)



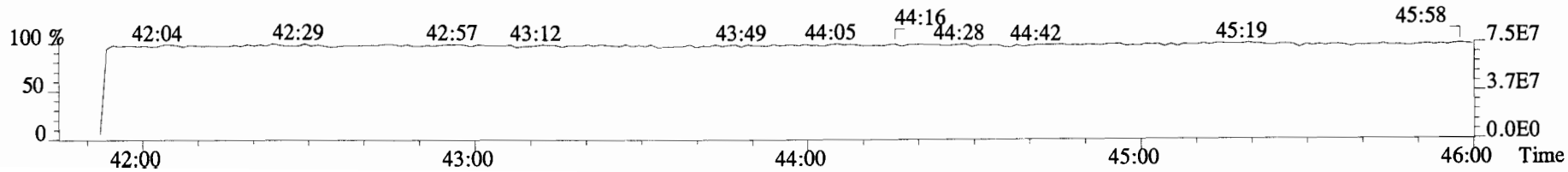
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8188.0,0.00%,F,F)



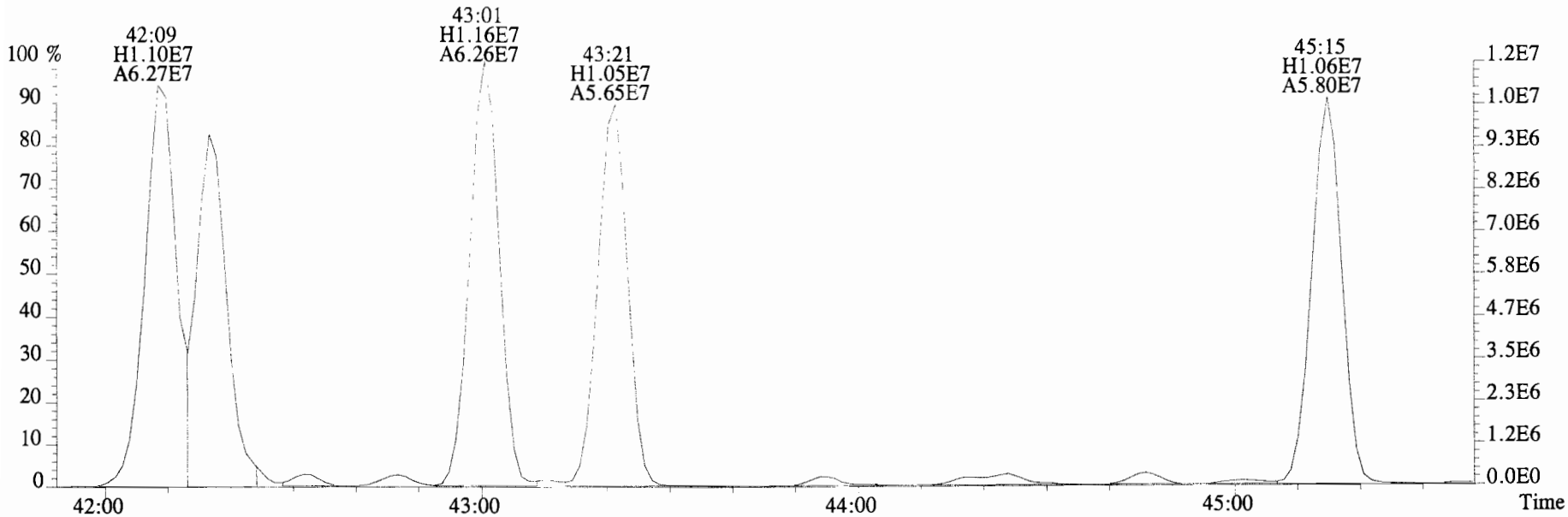
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6284.0,0.00%,F,F)



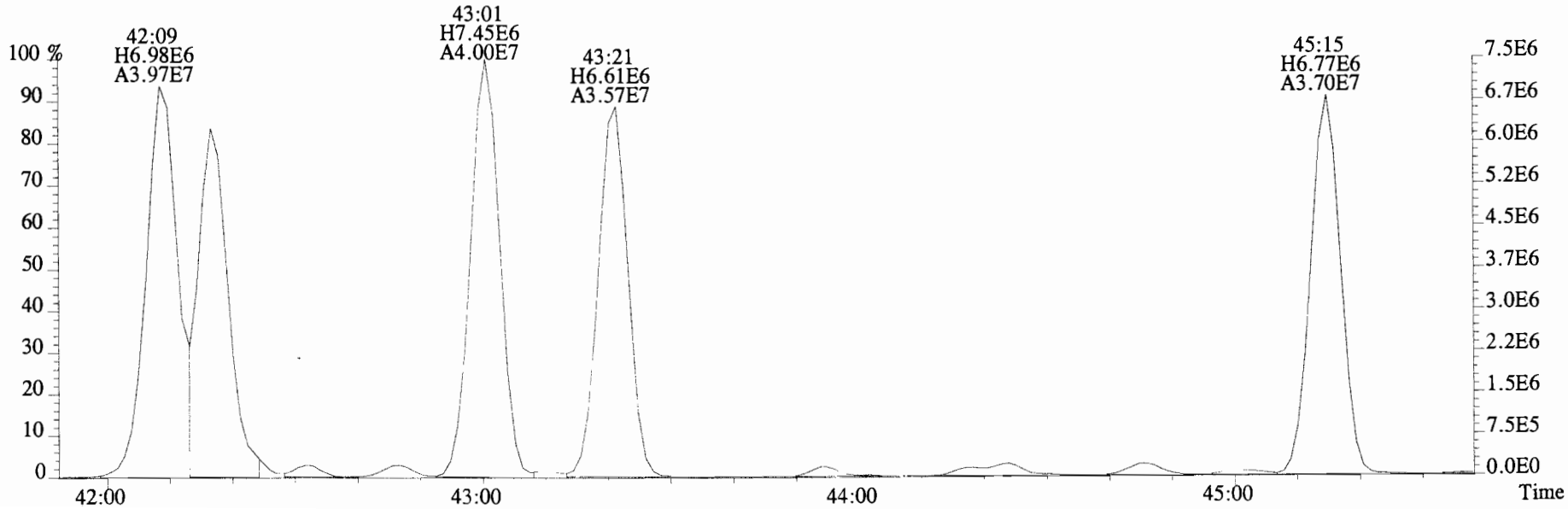
380.9760 F:4



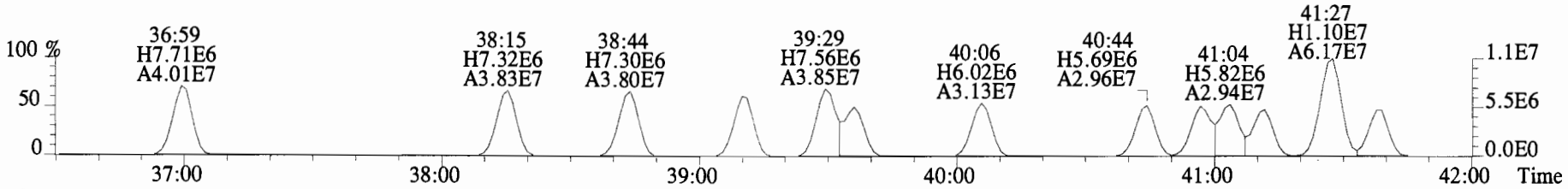
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6052.0,0.00%,F,F)



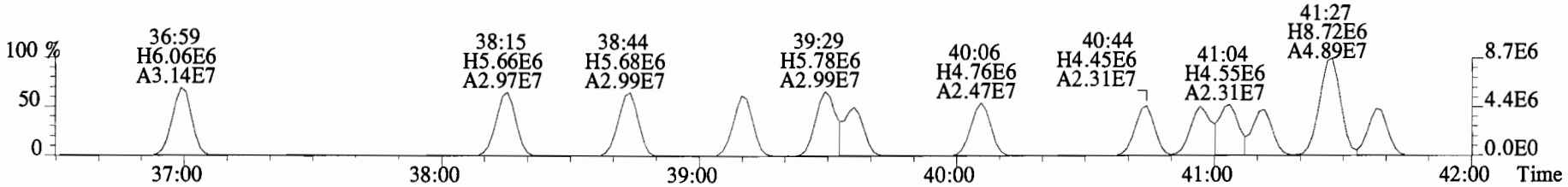
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4688.0,0.00%,F,F)



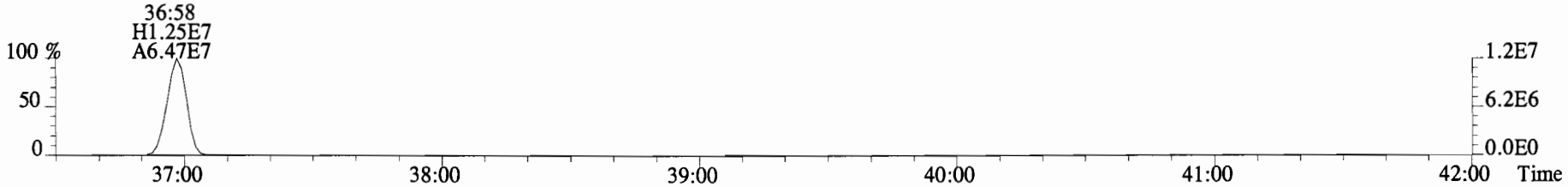
File:180110E1 #1-756 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



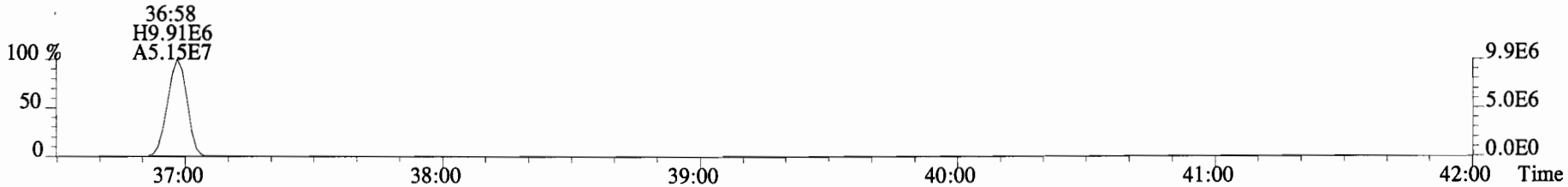
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)



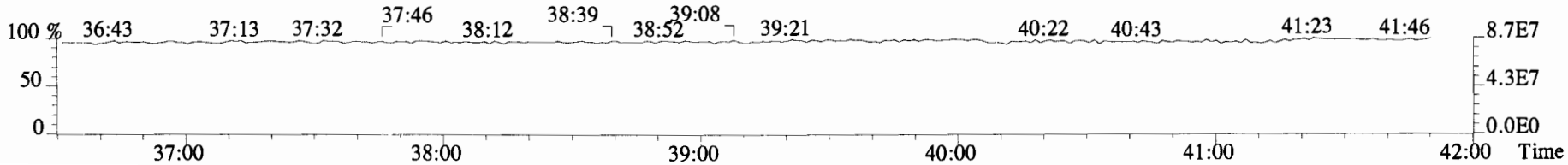
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1940.0,0.00%,F,F)



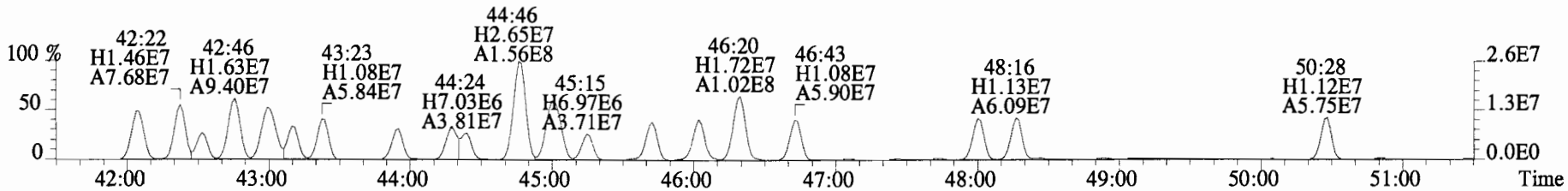
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



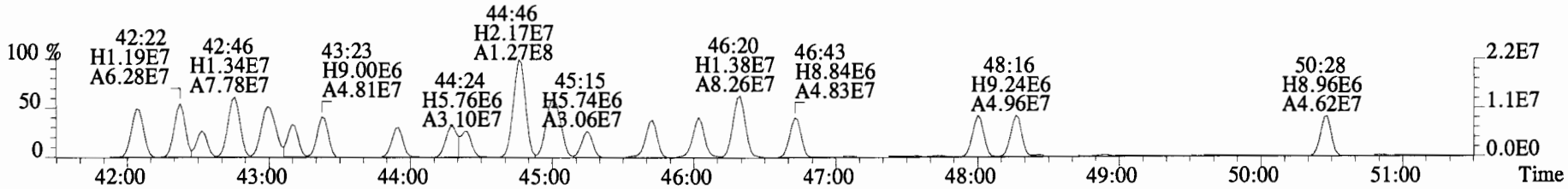
330.9792 F:3



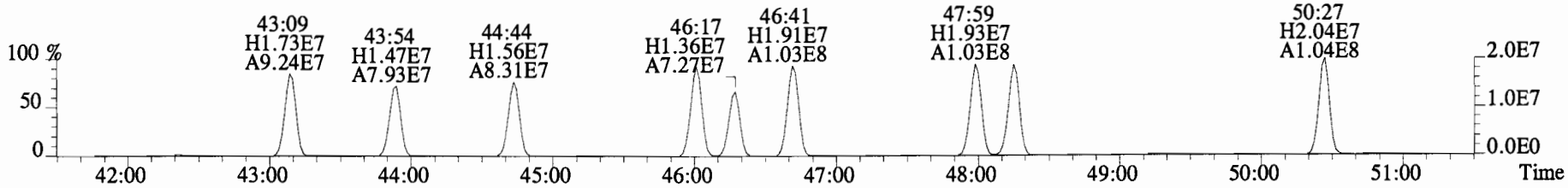
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27584.0,0.00%,F,F)



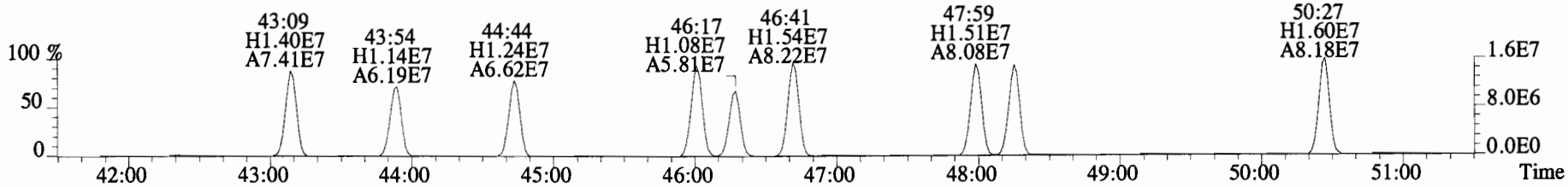
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19748.0,0.00%,F,F)



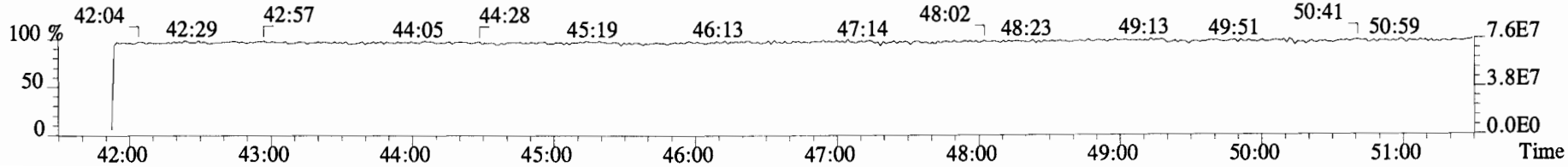
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12884.0,0.00%,F,F)



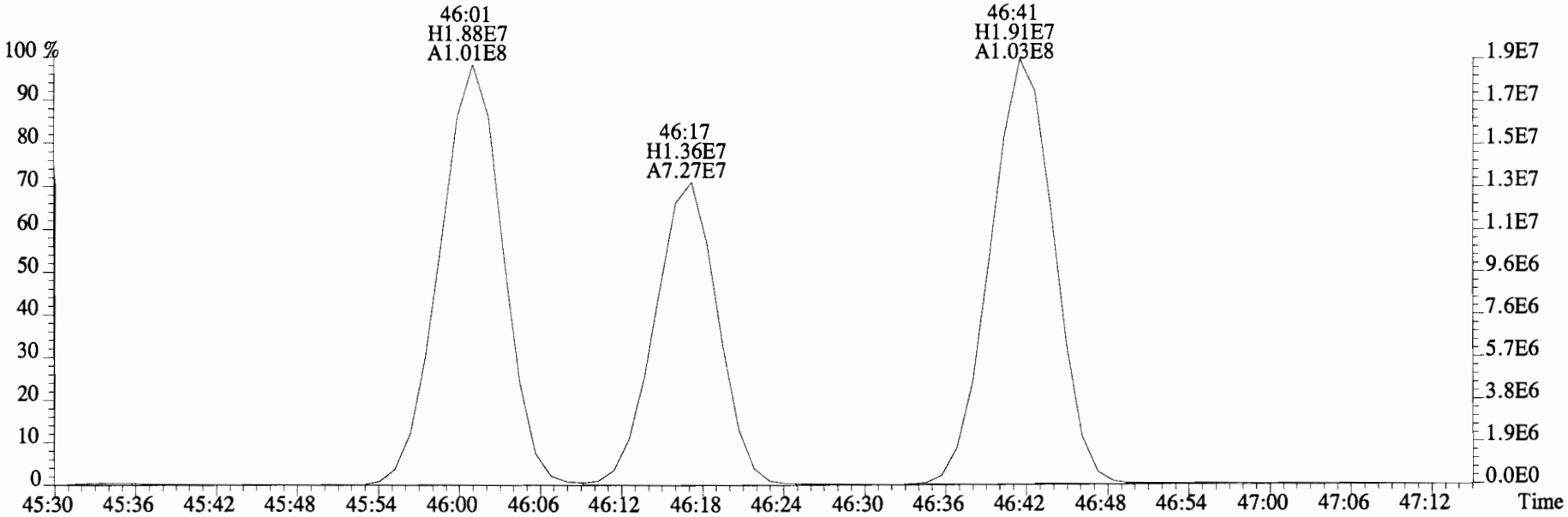
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10280.0,0.00%,F,F)



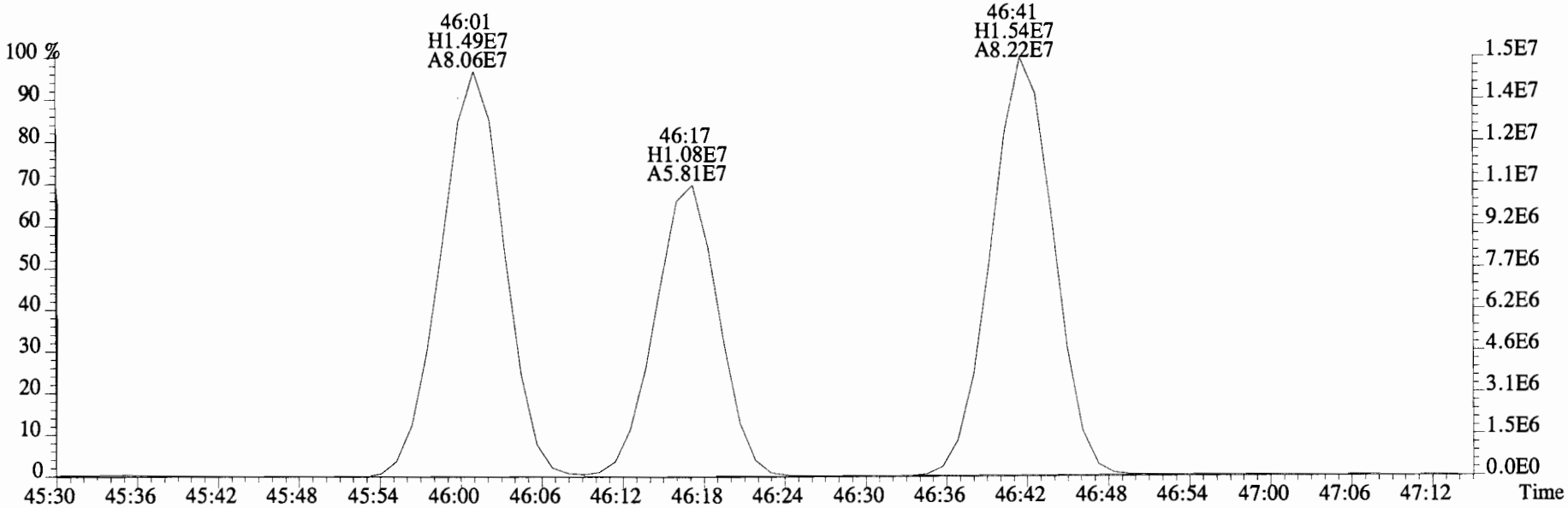
380.9760 F:4



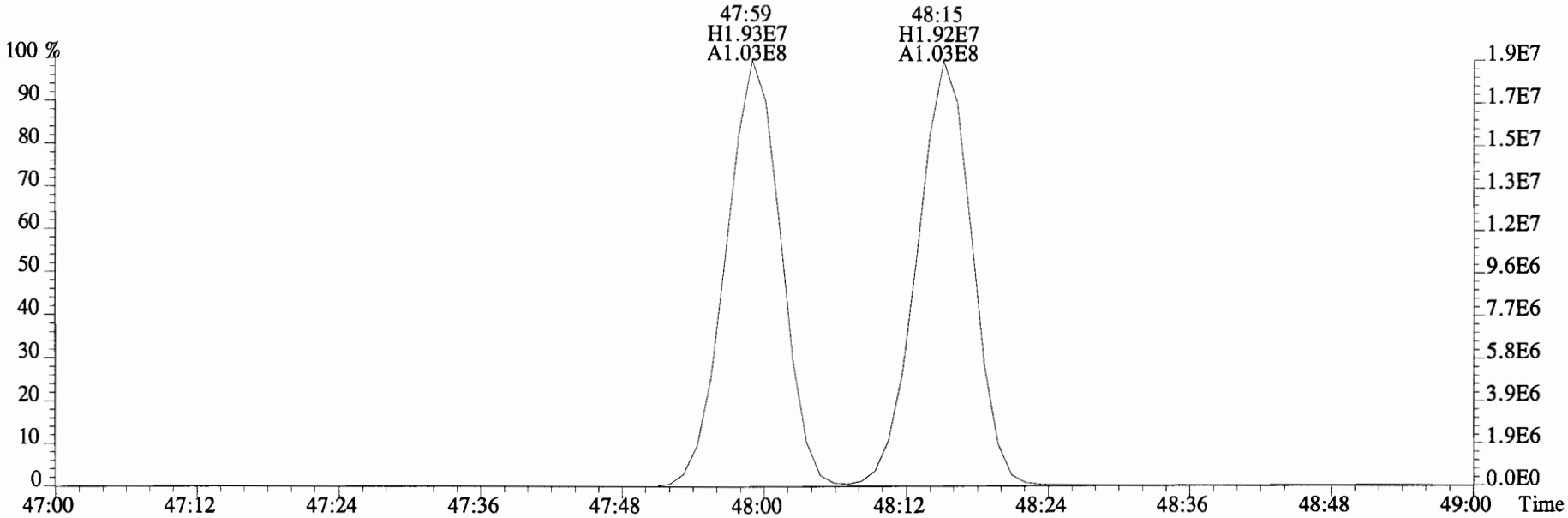
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12884.0,0.00%,F,F)



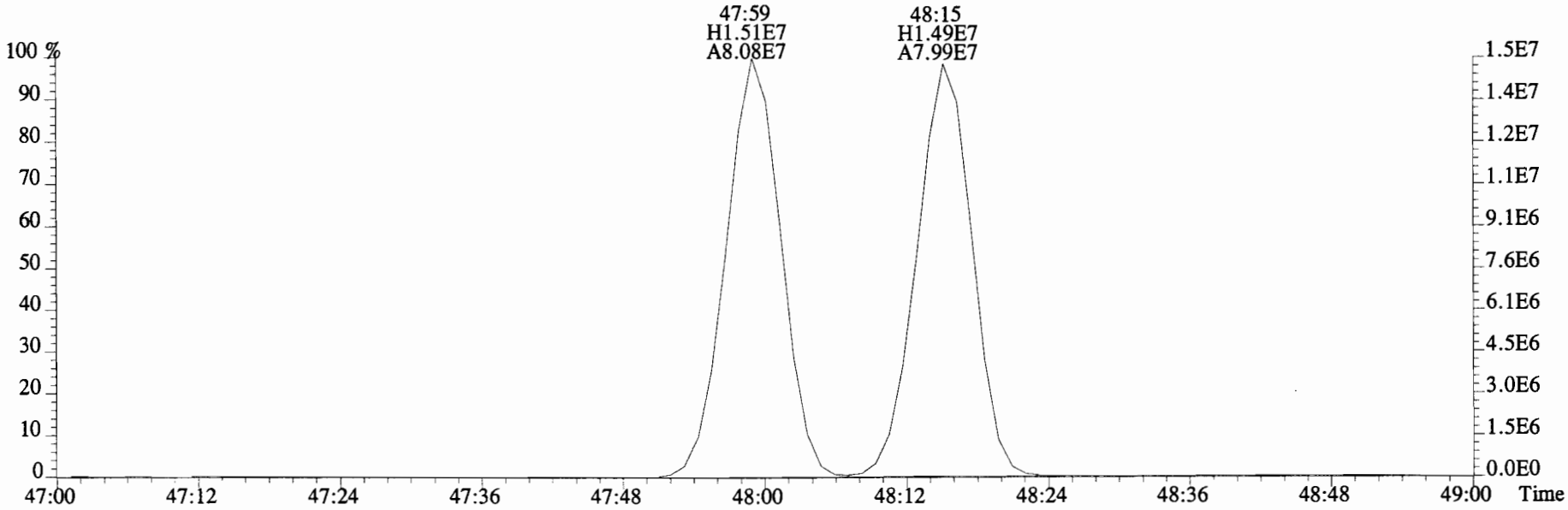
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10280.0,0.00%,F,F)



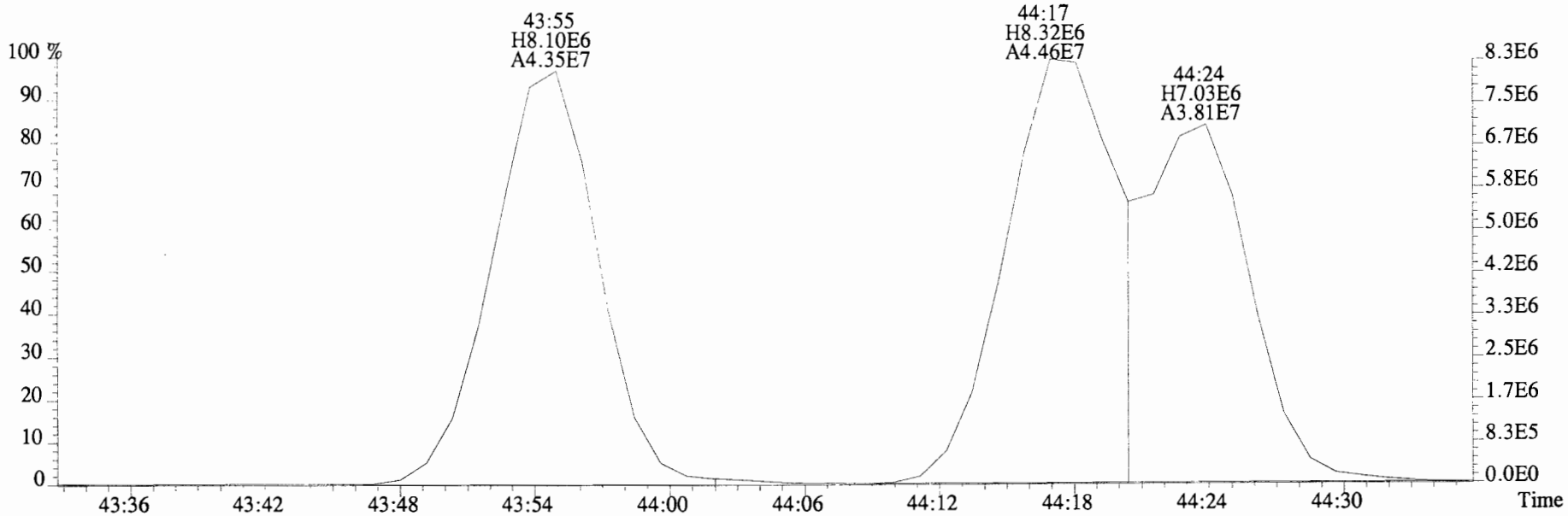
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12884.0,0.00%,F,F)



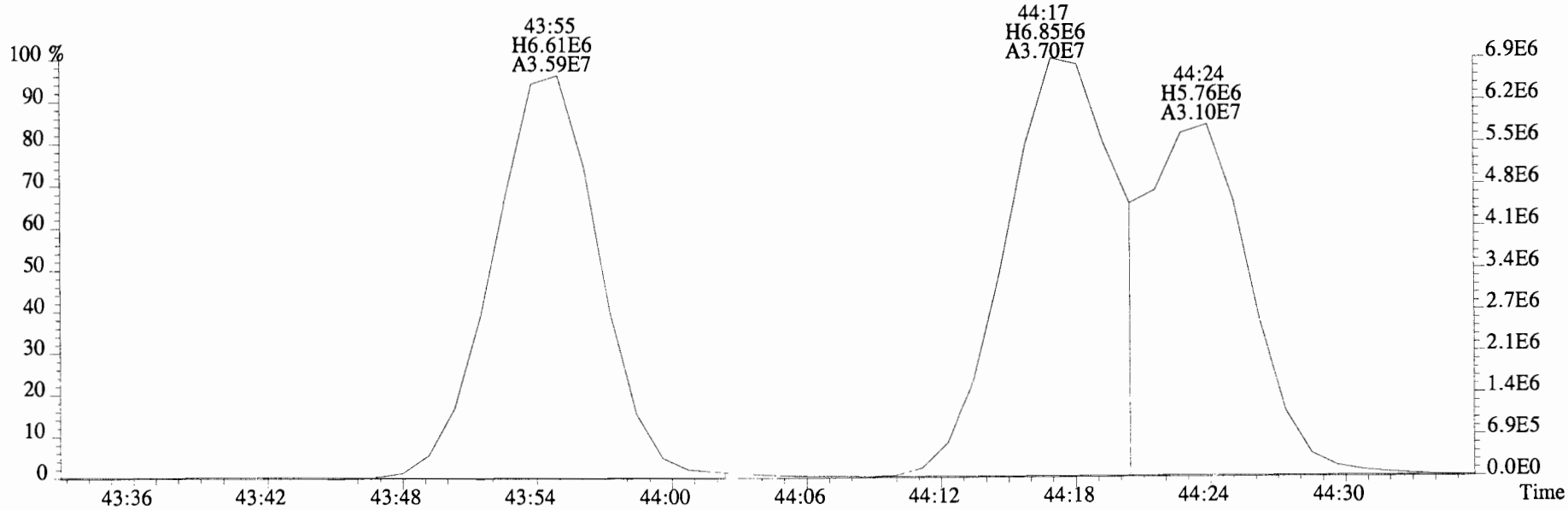
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10280.0,0.00%,F,F)



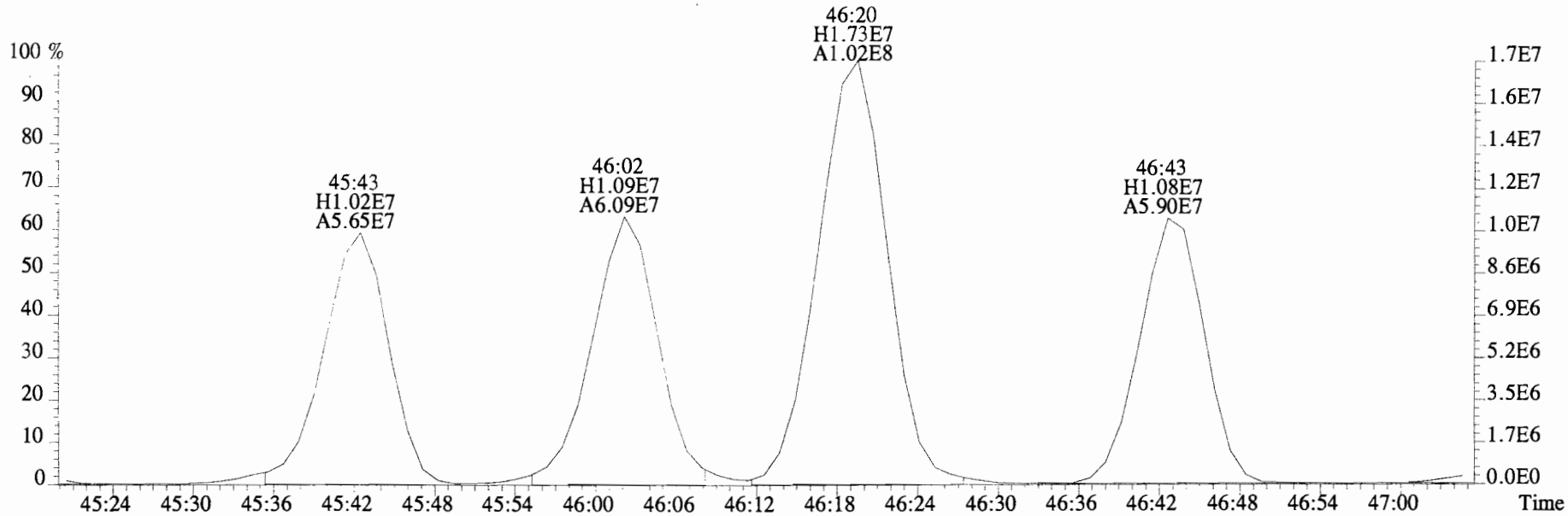
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27584.0,0.00%,F,F)



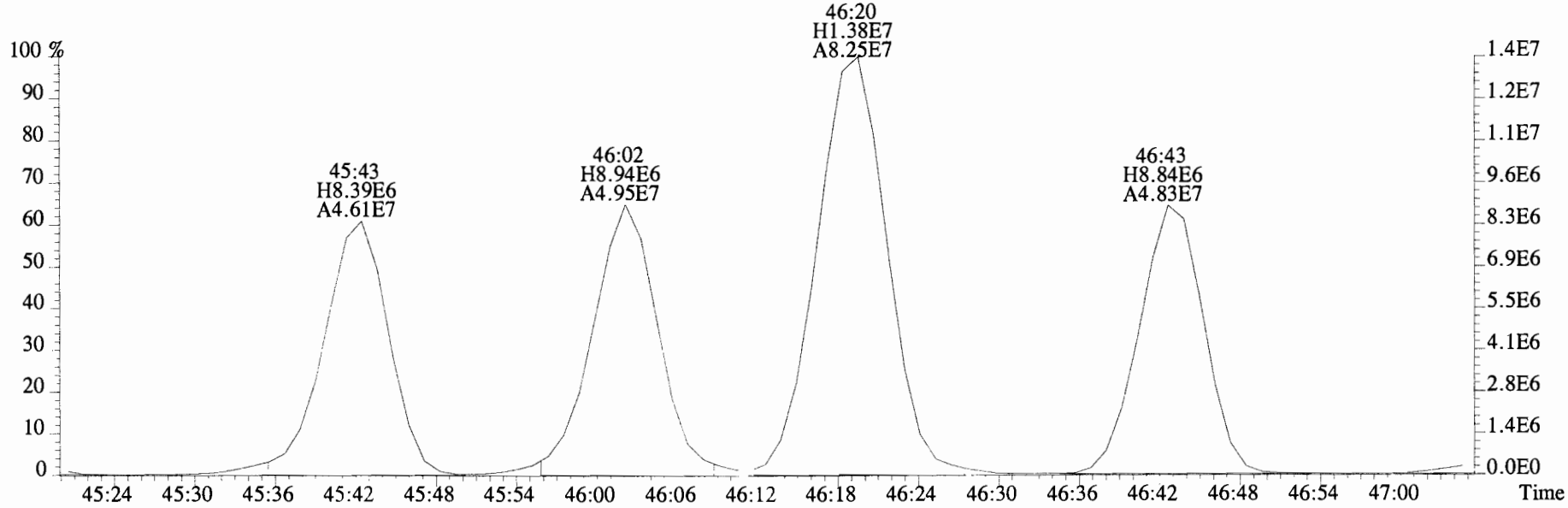
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19748.0,0.00%,F,F)



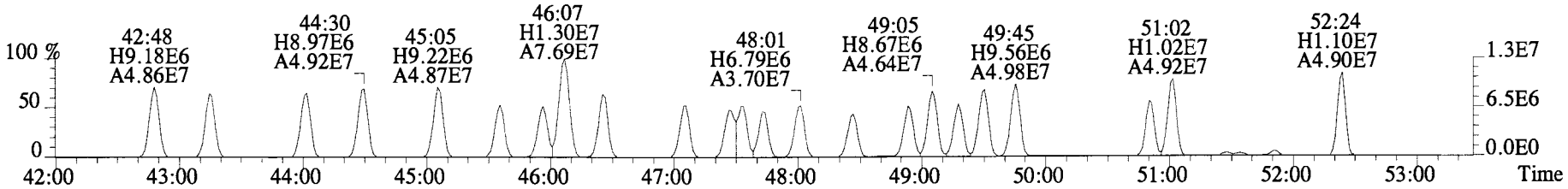
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,27584.0,0.00%,F,F)



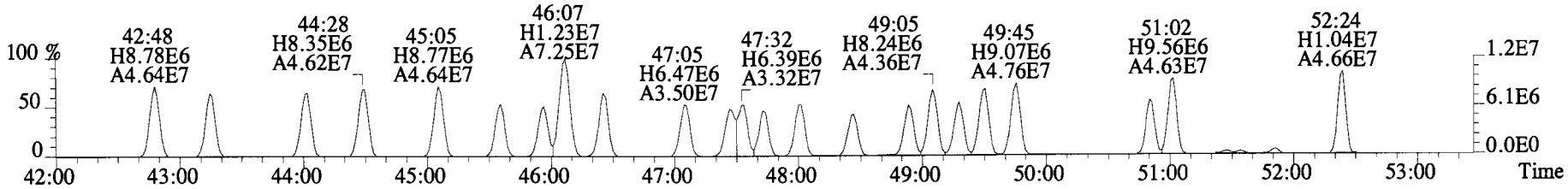
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19748.0,0.00%,F,F)



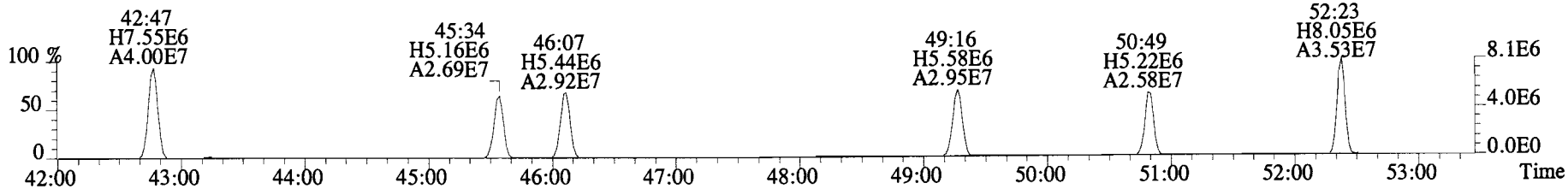
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9696.0,0.00%,F,F)



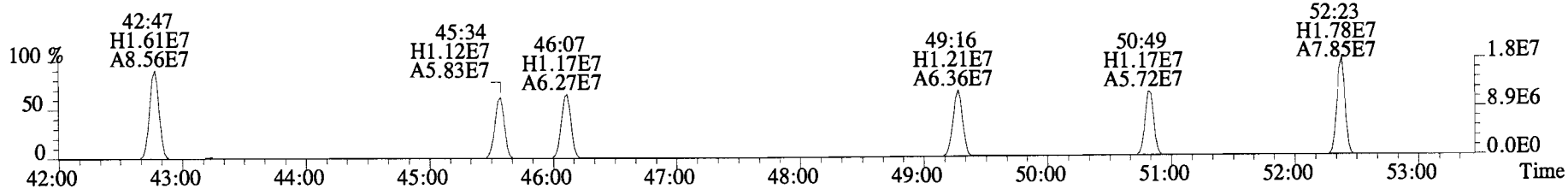
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9880.0,0.00%,F,F)



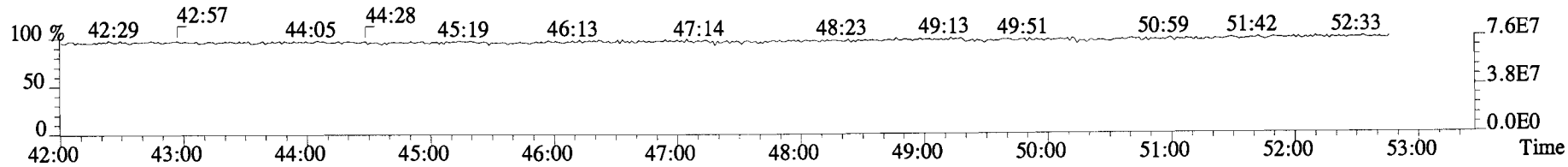
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4176.0,0.00%,F,F)



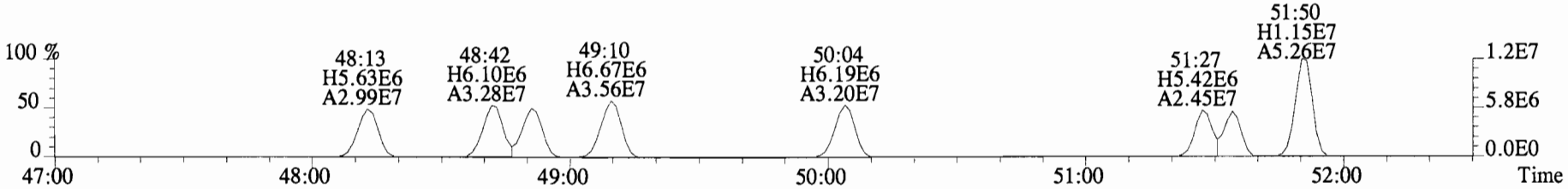
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5748.0,0.00%,F,F)



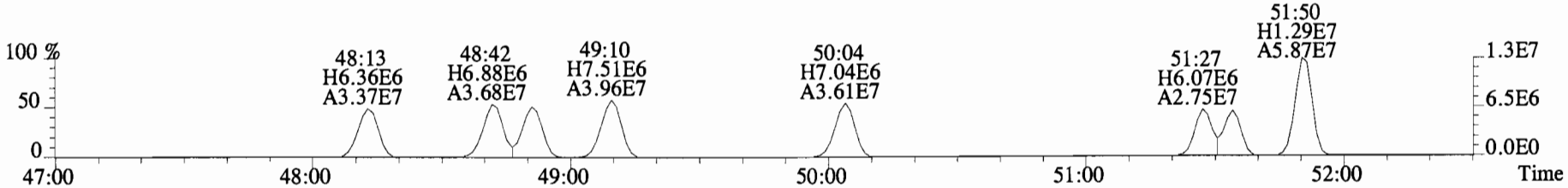
380.9760 F:4



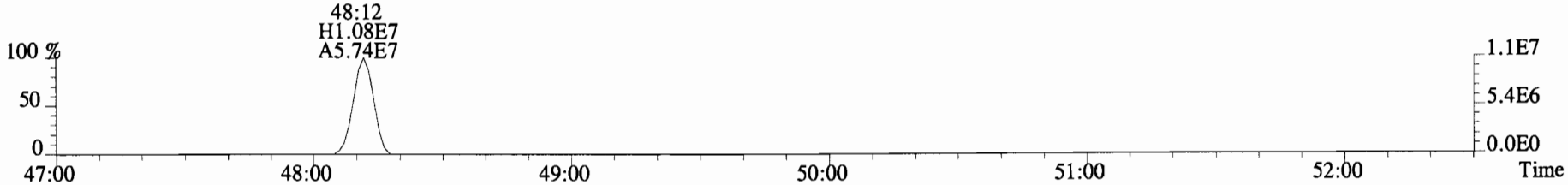
File:180110E1 #1-566 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1628.0,0.00%,F,F)



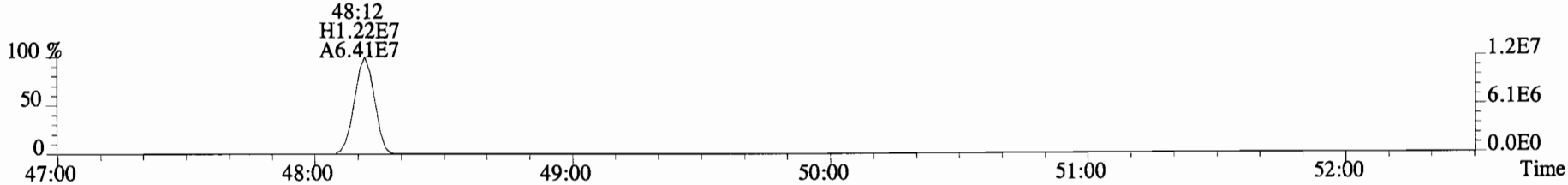
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1312.0,0.00%,F,F)



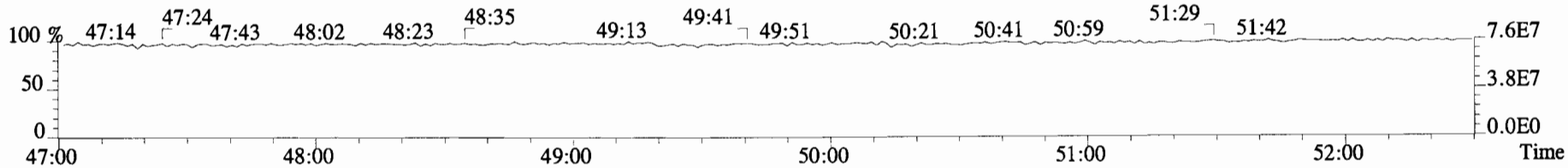
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1480.0,0.00%,F,F)



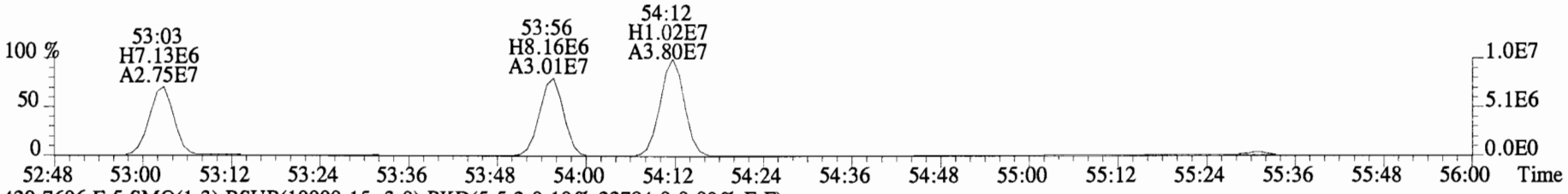
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



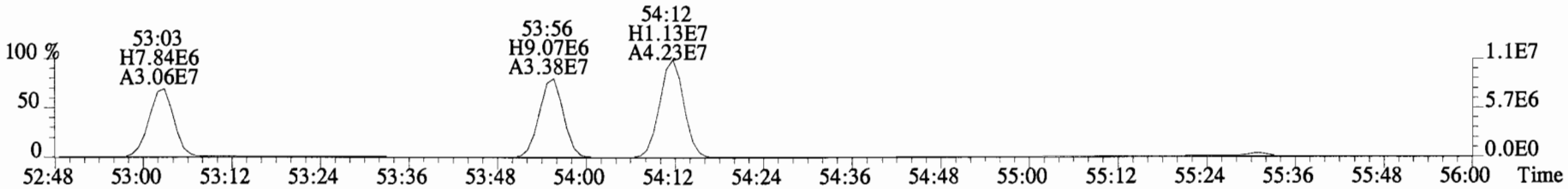
380.9760 F:4



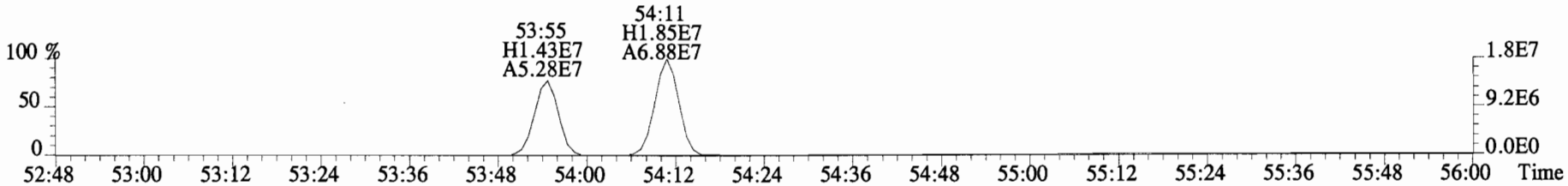
File:180110E1 #1-418 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15952.0,0.00%,F,F)



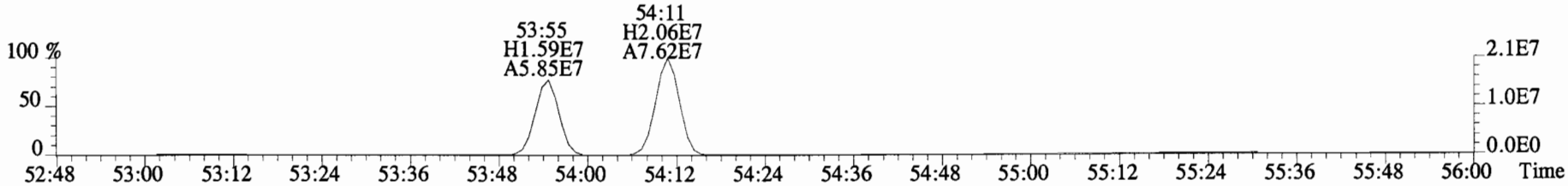
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22784.0,0.00%,F,F)



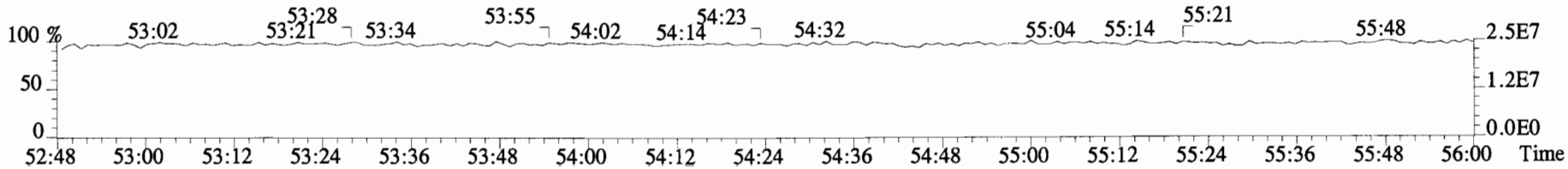
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3528.0,0.00%,F,F)



441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3632.0,0.00%,F,F)

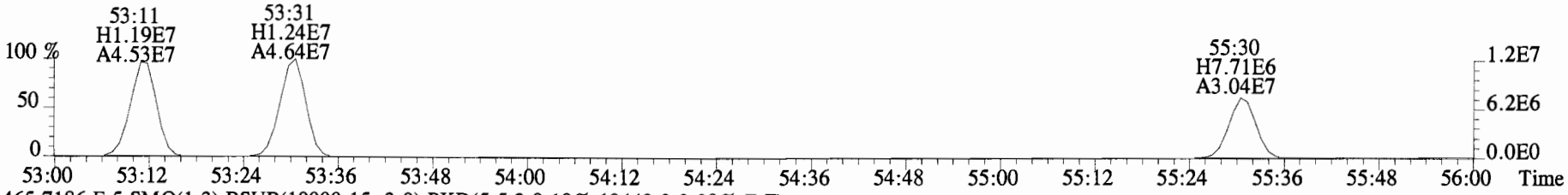


492.9697 F:5

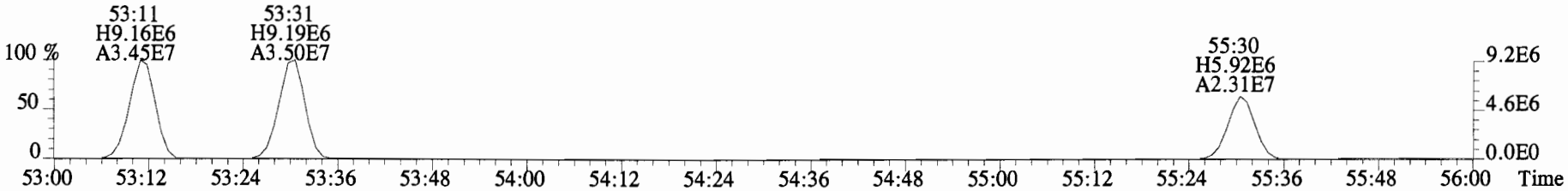


File:180110E1 #1-418 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1

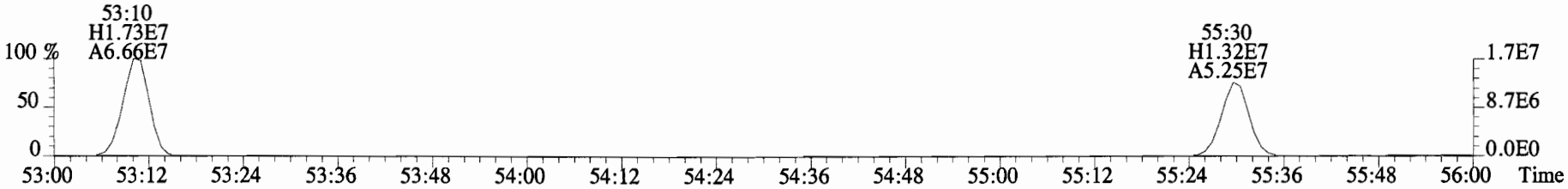
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13616.0,0.00%,F,F)



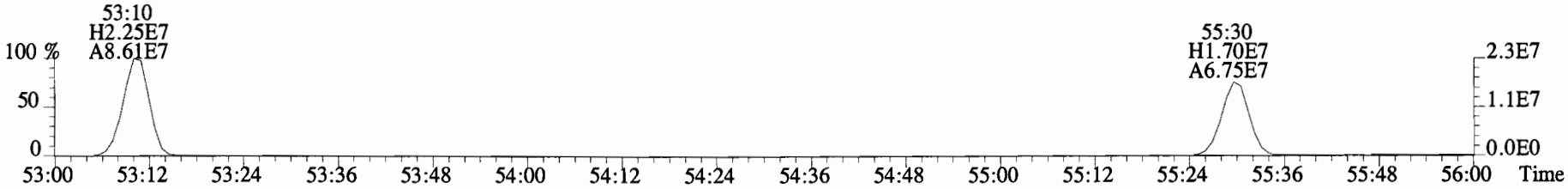
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10440.0,0.00%,F,F)



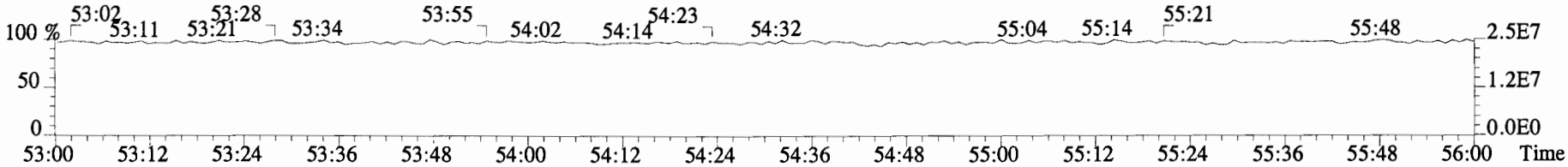
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14236.0,0.00%,F,F)



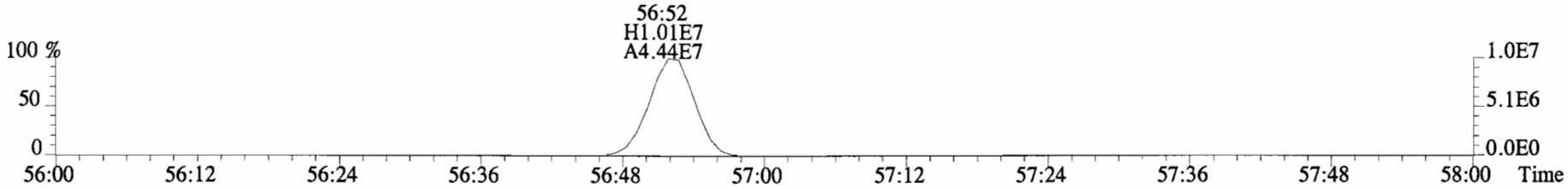
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17380.0,0.00%,F,F)



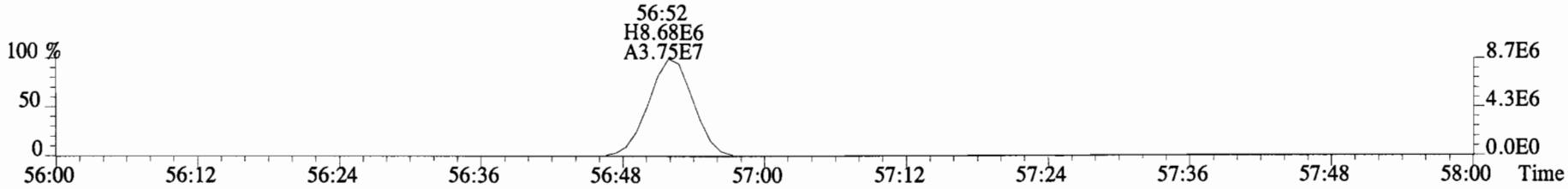
492.9697 F:5



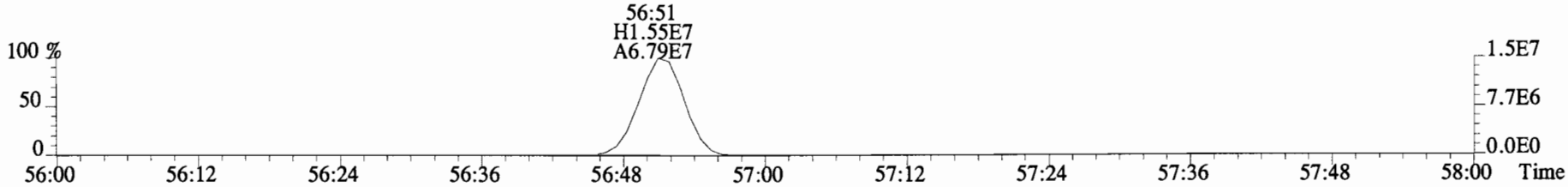
File:180110E1 #1-418 Acq:10-JAN-2018 13:50:15 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180110E1-1 PCB CS3 17I0520 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1680.0,0.00%,F,F)



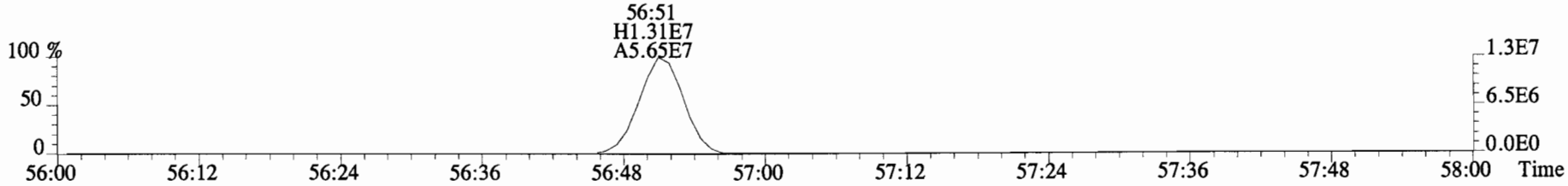
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1656.0,0.00%,F,F)



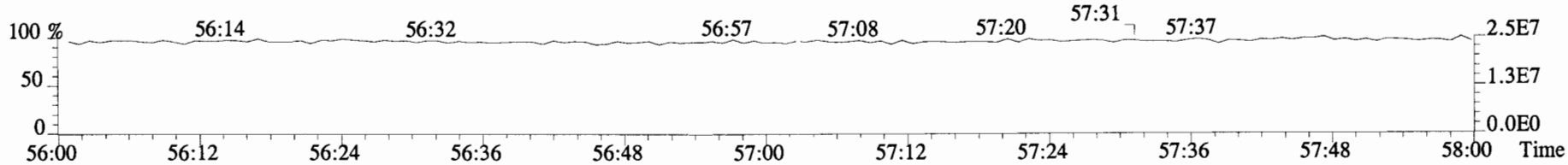
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1864.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1676.0,0.00%,F,F)

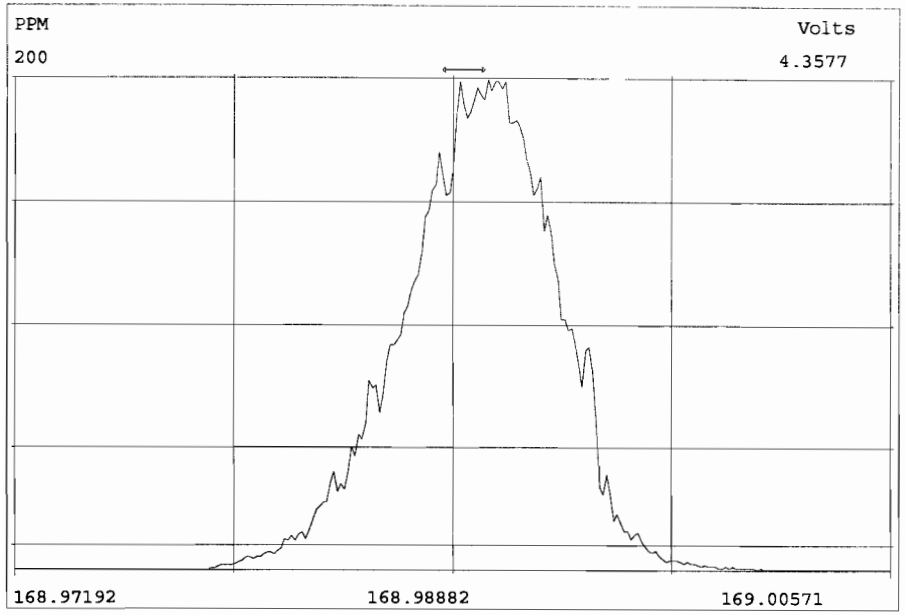


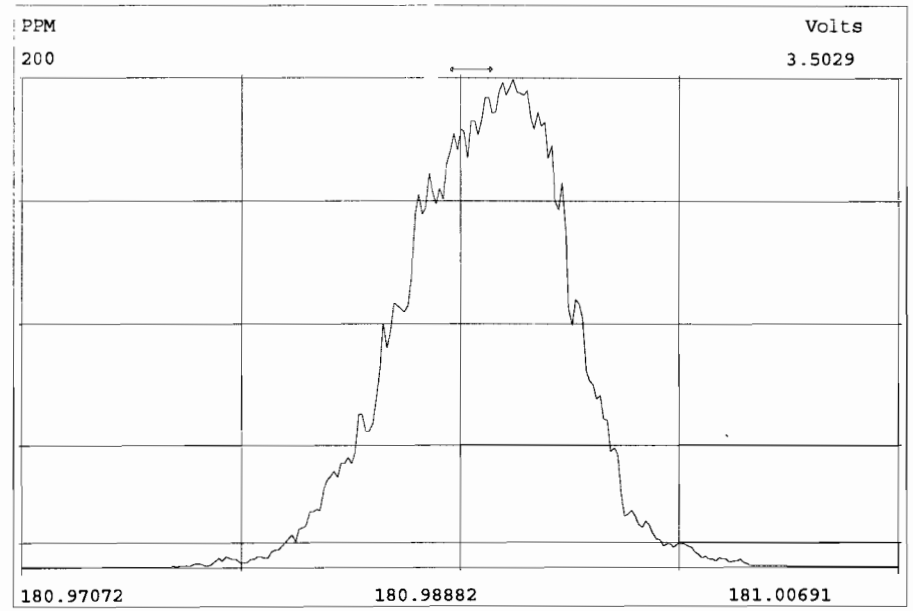
492.9697 F:5

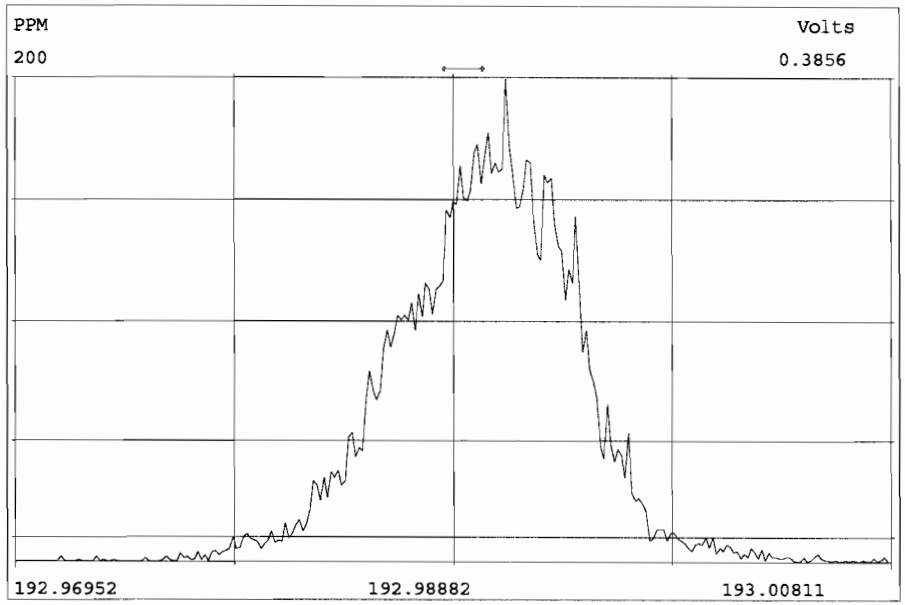


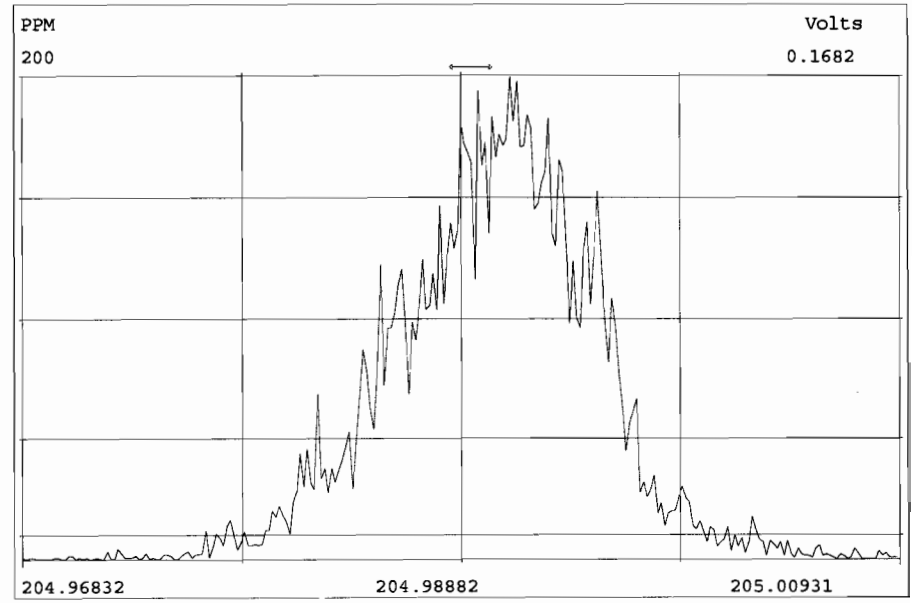
Peak Locate Examination:11-JAN-2018:02:54 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



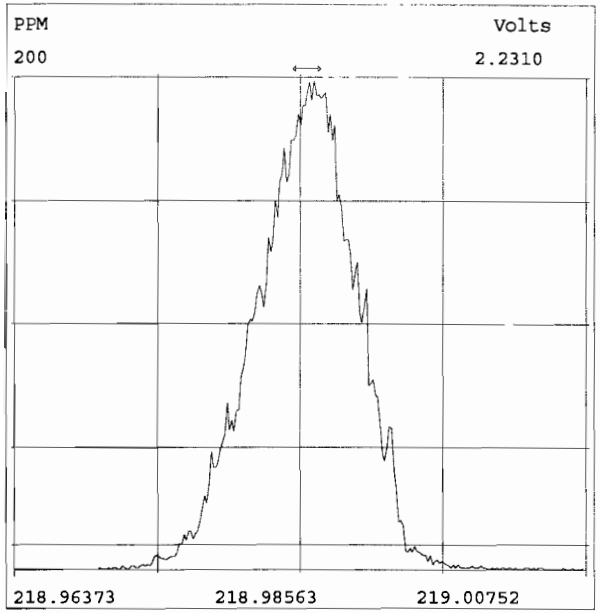


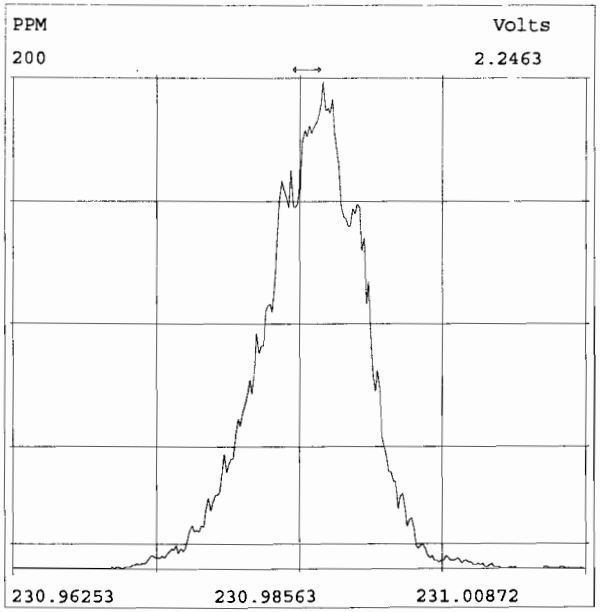


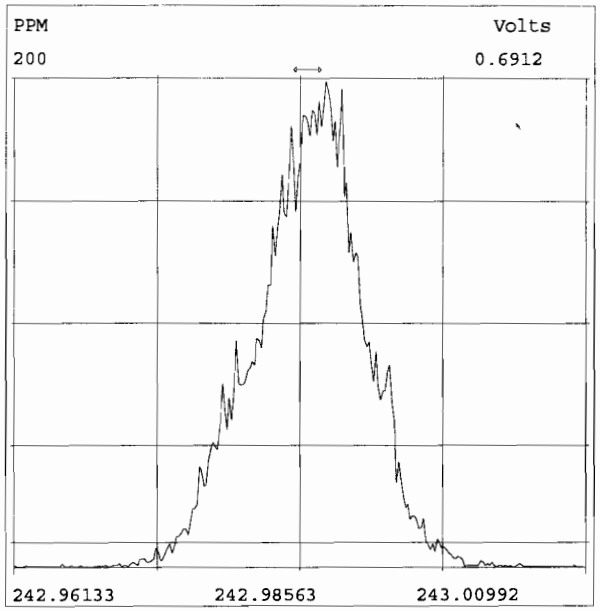


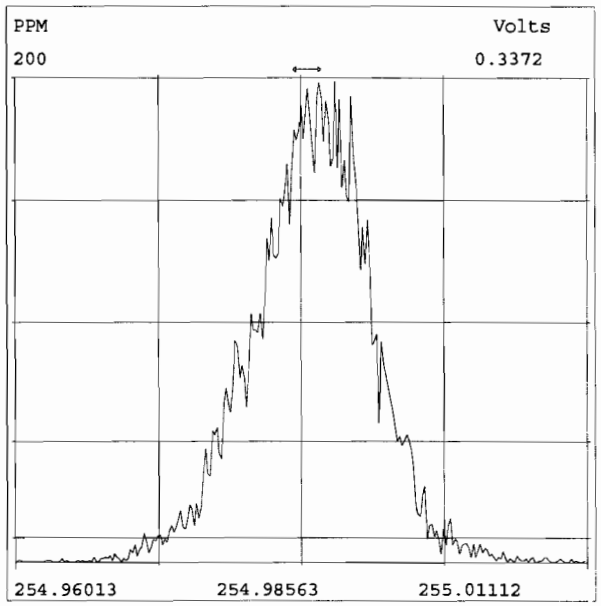
Peak Locate Examination:11-JAN-2018:02:55 File:RES_CHECK

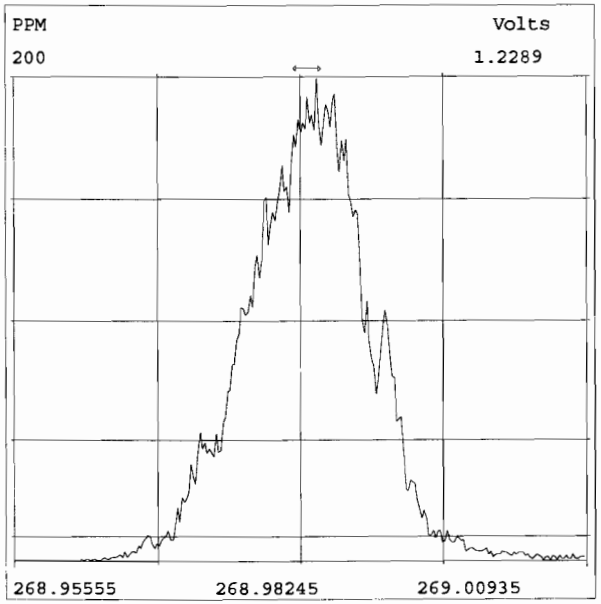
Experiment:PCB_ZB1 Function:2 Reference:PFK

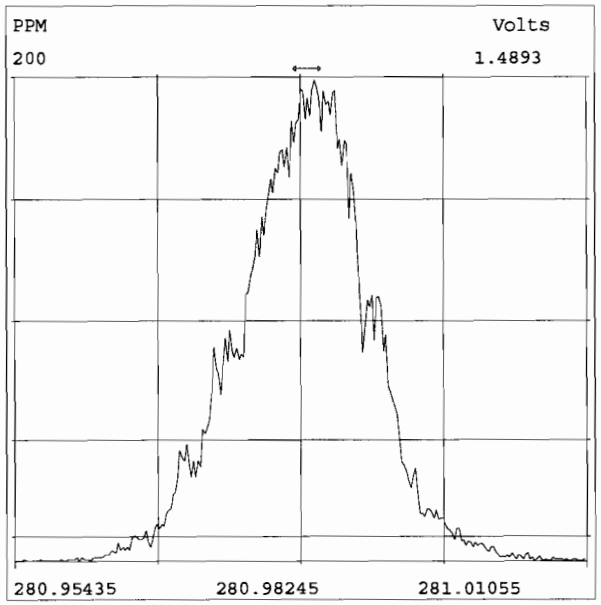






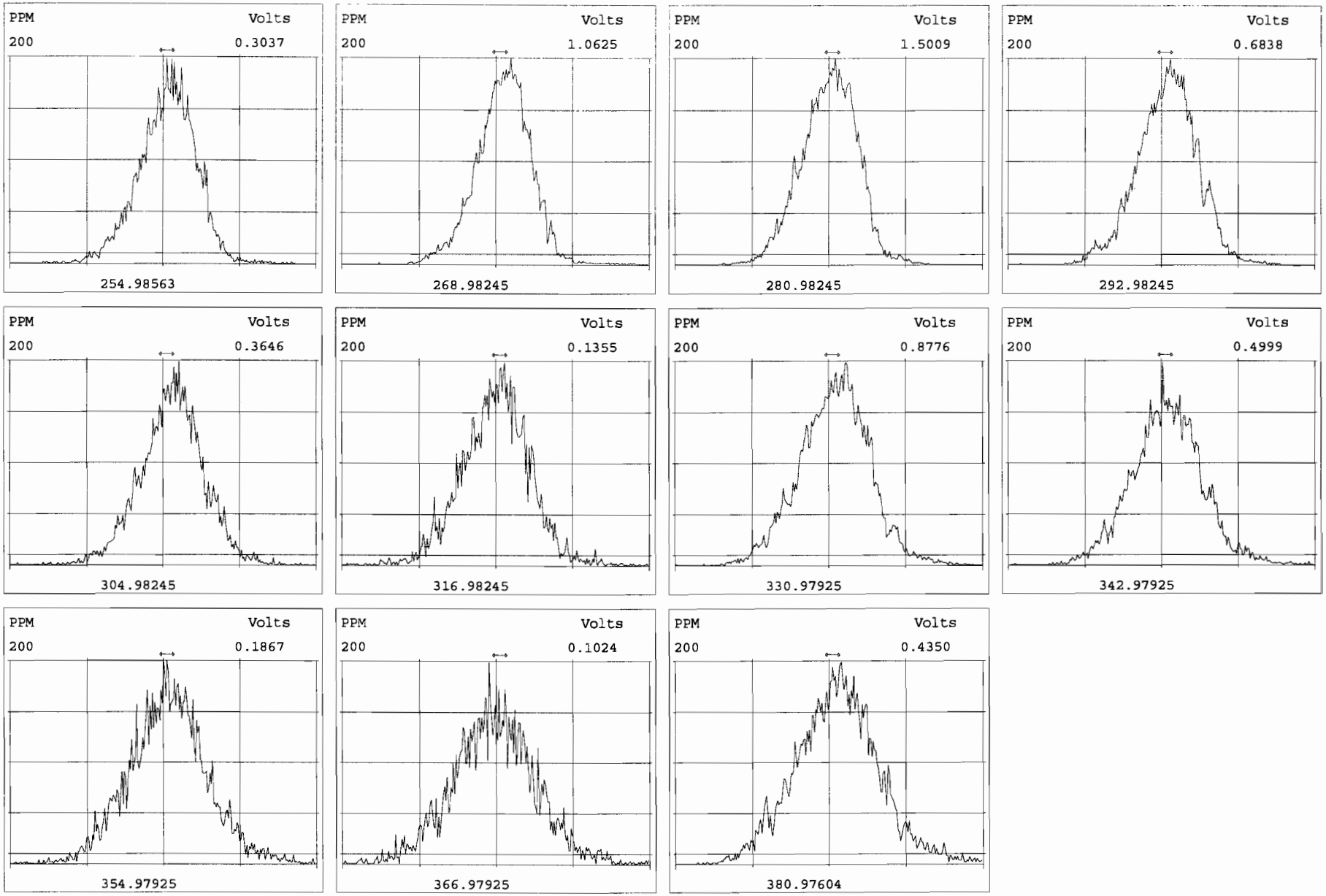






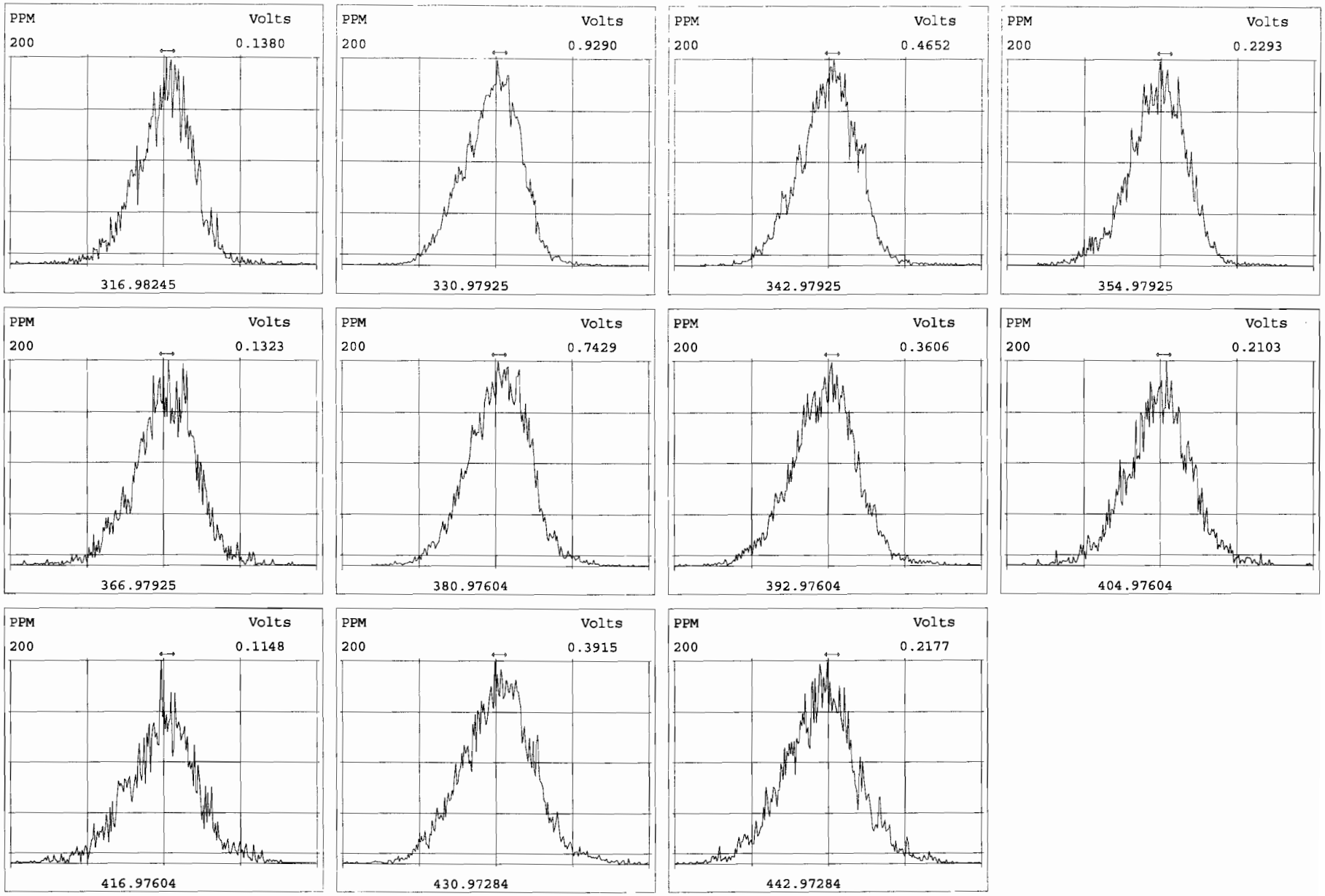
Peak Locate Examination:11-JAN-2018:02:56 File:RES_CHECK

Experiment:PCB_ZB1 Function:3 Reference:PFK



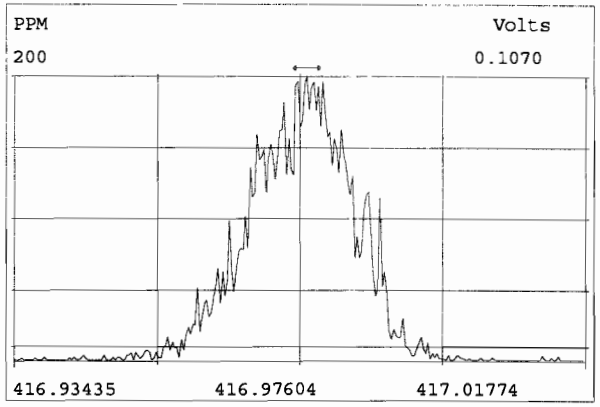
Peak Locate Examination:11-JAN-2018:02:57 File:RES_CHECK

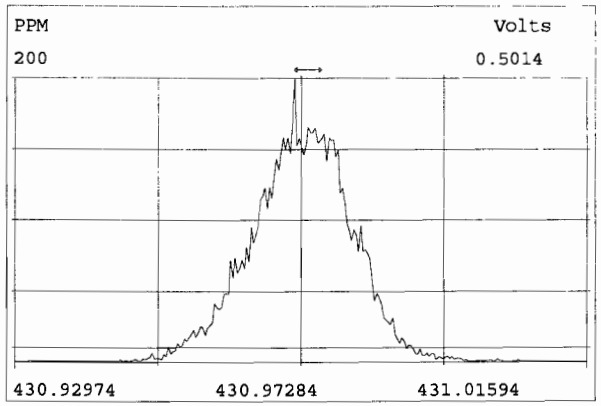
Experiment:PCB_ZB1 Function:4 Reference:PFK

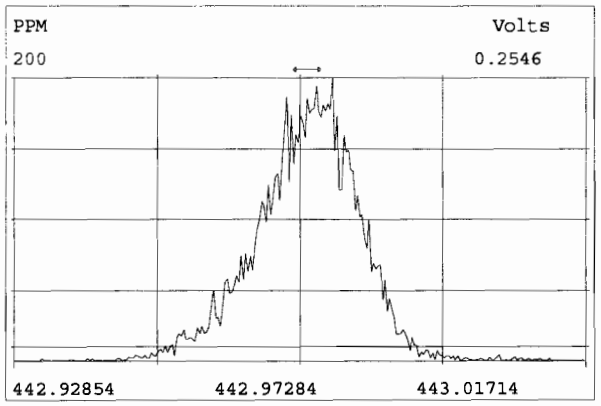


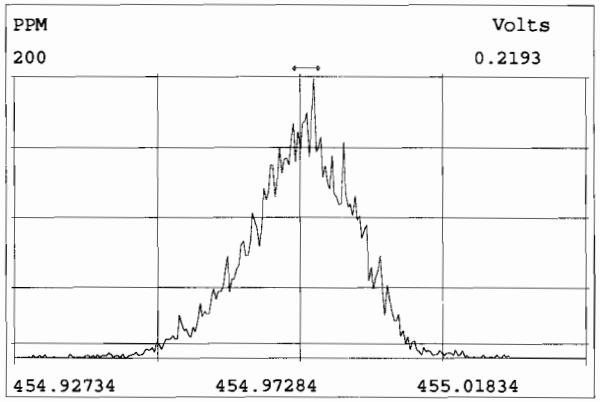
Peak Locate Examination:11-JAN-2018:02:58 File:RES_CHECK

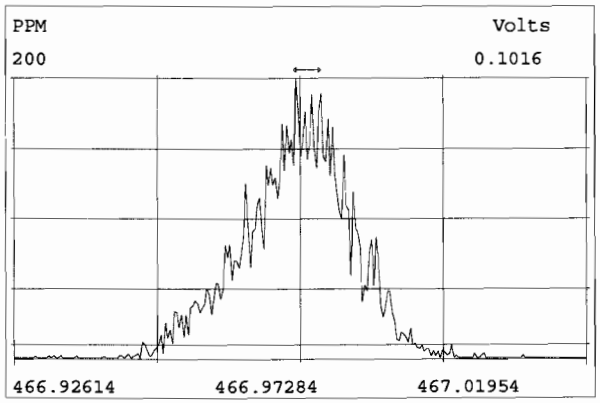
Experiment:PCB_ZB1 Function:5 Reference:PFK

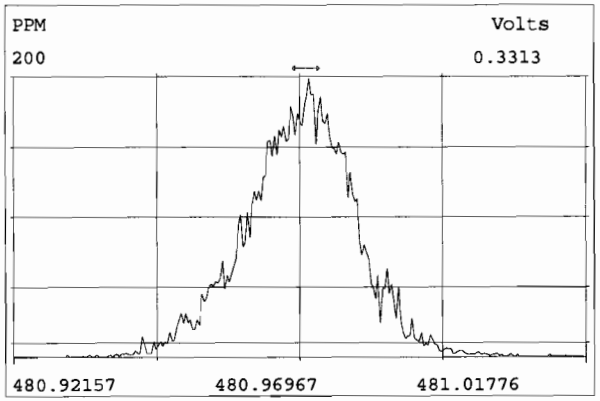


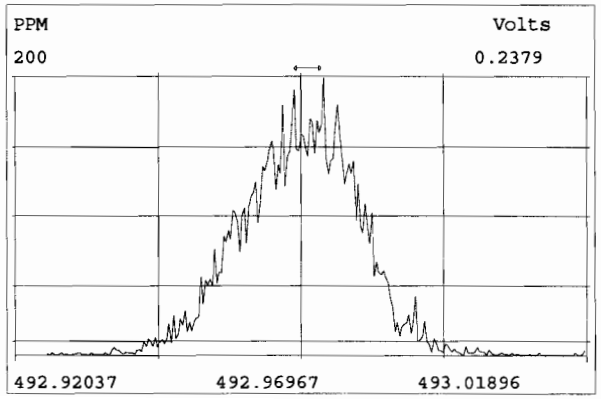


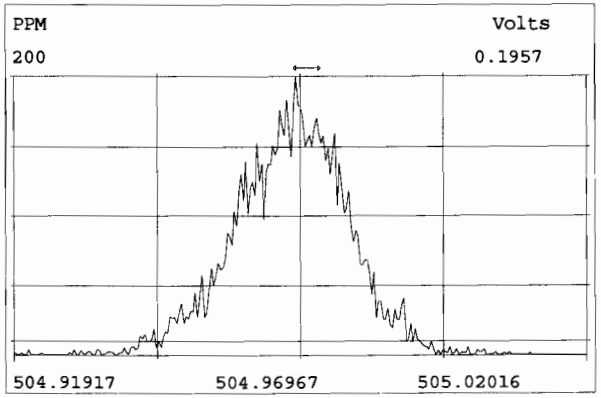


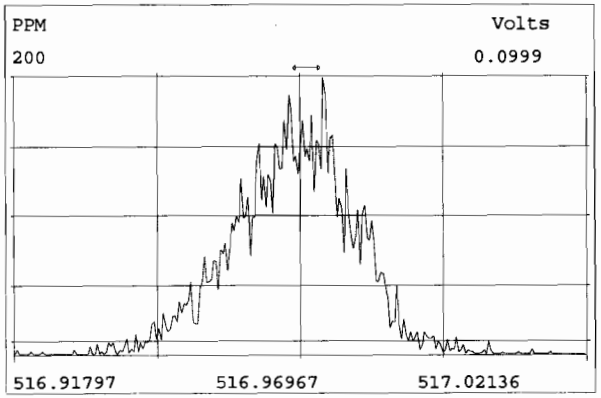












HRMS CALIBRATION STANDARDS REVIEW CHECKLIST

Beg. Calibration ID: ST180118E2-1

Reviewed By: CT 2/6/18
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?	m	

Run Log:

	Beg.	End
- Correct instrument listed?	✓	✓
- Samples within 12 hour clock?	Y	N
- Bottle position verfied?	m	

	Beg.	End
Mass resolution ≥	✓	✓

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

	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: ST180118E2-1 Instrument ID: VG-8

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

VER Data Filename: 180118E2 S#1 Analysis Date: 18-JAN-18 Time: 16:36:52

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-1	3.01	2.66-3.60	y	49.1	37.5-62.5
PCB-2	3.05	2.66-3.60	y	50.8	37.5-62.5
PCB-3	3.00	2.66-3.60	y	49.7	37.5-62.5
PCB-4/10	1.58	1.33-1.79	y	93.0	75-125
PCB-7/9	1.56	1.33-1.79	y	92.3	75-125
PCB-6	1.59	1.33-1.79	y	47.8	37.5-62.5
PCB-5/8	1.57	1.33-1.79	y	94.8	75-125
PCB-14	1.59	1.33-1.79	y	43.5	37.5-62.5
PCB-11	1.61	1.33-1.79	y	44.7	37.5-62.5
PCB-12/13	1.56	1.33-1.79	y	92.9	75-125
PCB-15	1.55	1.33-1.79	y	47.6	37.5-62.5
PCB-19	1.07	0.88-1.20	y	42.0	37.5-62.5
PCB-30	1.06	0.88-1.20	y	44.3	37.5-62.5
PCB-18	1.07	0.88-1.20	y	42.0	37.5-62.5
PCB-17	1.05	0.88-1.20	y	43.1	37.5-62.5
PCB-24/27	1.06	0.88-1.20	y	86.6	75.0-125
PCB-16/32	1.06	0.88-1.20	y	86.5	75.0-125
PCB-34	0.99	0.88-1.20	y	47.4	37.5-62.5
PCB-23	1.10	0.88-1.20	y	43.7	37.5-62.5
PCB-29	1.04	0.88-1.20	y	45.9	37.5-62.5
PCB-26	1.05	0.88-1.20	y	45.8	37.5-62.5
PCB-25	1.05	0.88-1.20	y	46.2	37.5-62.5
PCB-31	1.04	0.88-1.20	y	44.1	37.5-62.5
PCB-28	1.06	0.88-1.20	y	44.7	37.5-62.5
PCB-20/21/33	1.04	0.88-1.20	y	137.8	112.5-225
PCB-22	1.04	0.88-1.20	y	44.7	37.5-62.5
PCB-36	1.04	0.88-1.20	y	45.7	37.5-62.5
PCB-39	1.04	0.88-1.20	y	44.2	37.5-62.5
PCB-38	1.05	0.88-1.20	y	44.9	37.5-62.5
PCB-35	1.05	0.88-1.20	y	45.1	37.5-62.5
PCB-37	1.04	0.88-1.20	y	44.8	37.5-62.5
PCB-54	0.77	0.65-0.89	y	46.4	37.5-62.5
PCB-50	0.78	0.65-0.89	y	45.7	37.5-62.5
PCB-53	0.77	0.65-0.89	y	45.1	37.5-62.5
PCB-51	0.78	0.65-0.89	y	44.5	37.5-62.5
PCB-45	0.77	0.65-0.89	y	46.5	37.5-62.5
PCB-46	0.79	0.65-0.89	y	45.1	37.5-62.5

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-52/69	0.76	0.65-0.89	y	93.3	75.0-125
PCB-73	0.78	0.65-0.89	y	43.8	37.5-62.5
PCB-43/49	0.77	0.65-0.89	y	92.6	75.0-125
PCB-47	0.77	0.65-0.89	y	46.7	37.5-62.5
PCB-48/75	0.77	0.65-0.89	y	90.8	75.0-125
PCB-65	0.76	0.65-0.89	y	49.4	37.5-62.5
PCB-62	0.78	0.65-0.89	y	42.7	37.5-62.5
PCB-44	0.76	0.65-0.89	y	45.4	37.5-62.5
PCB-42/59	0.77	0.65-0.89	y	92.3	75.0-125
PCB-41/64/71/72	0.77	0.65-0.89	y	187.0	150-250
PCB-68	0.77	0.65-0.89	y	47.3	37.5-62.5
PCB-40	0.77	0.65-0.89	y	47.5	37.5-62.5
PCB-57	0.78	0.65-0.89	y	46.6	37.5-62.5
PCB-67	0.77	0.65-0.89	y	47.3	37.5-62.5
PCB-58	0.78	0.65-0.89	y	44.0	37.5-62.5
PCB-63	0.78	0.65-0.89	y	45.6	37.5-62.5
PCB-74	0.77	0.65-0.89	y	47.0	37.5-62.5
PCB-61/70	0.77	0.65-0.89	y	90.9	75.0-125
PCB-76/66	0.77	0.65-0.89	y	91.9	75.0-125
PCB-80	0.78	0.65-0.89	y	44.7	37.5-62.5
PCB-55	0.77	0.65-0.89	y	45.9	37.5-62.5
PCB-56/60	0.78	0.65-0.89	y	88.7	75.0-125
PCB-79	0.78	0.65-0.89	y	45.7	37.5-62.5
PCB-78	0.76	0.65-0.89	y	46.7	37.5-62.5
PCB-81	0.77	0.65-0.89	y	44.8	37.5-62.5
PCB-77	0.78	0.65-0.89	y	44.3	37.5-62.5
PCB-104	1.57	1.32-1.78	y	43.5	37.5-62.5
PCB-96	1.57	1.32-1.78	y	44.7	37.5-62.5
PCB-103	1.57	1.32-1.78	y	43.0	37.5-62.5
PCB-100	1.54	1.32-1.78	y	43.6	37.5-62.5
PCB-94	1.55	1.32-1.78	y	43.0	37.5-62.5
PCB-95/98/102	1.58	1.32-1.78	y	122.5	112.5-225
PCB-93	1.55	1.32-1.78	y	50.5	37.5-62.5
PCB-88/91	1.55	1.32-1.78	y	86.2	75.0-125
PCB-121	1.58	1.32-1.78	y	41.2	37.5-62.5

Analyst: MJ

Date: 1/24/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180118E2-1 Instrument ID: VG-8

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

VER Data Filename: 180118E2 S#1 Analysis Date: 18-JAN-18 Time: 16:36:52

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	85.2	75.0-125	PCB-140	1.24	1.05-1.43	y	42.9	37.5-62.5
PCB-89	1.55	1.32-1.78	y	41.9	37.5-62.5	PCB-134/143	1.25	1.05-1.43	y	89.6	75.0-125
PCB-90/101	1.57	1.32-1.78	y	84.2	75.0-125	PCB-131/133	1.24	1.05-1.43	y	91.0	75.0-125
PCB-113	1.54	1.32-1.78	y	44.9	37.5-62.5	PCB-142	1.26	1.05-1.43	y	47.9	37.5-62.5
PCB-99	1.61	1.32-1.78	y	37.6	37.5-62.5	PCB-146/165	1.25	1.05-1.43	y	91.2	75.0-125
PCB-119	1.57	1.32-1.78	y	41.8	37.5-62.5	PCB-132/161	1.23	1.05-1.43	y	90.9	75.0-125
PCB-108/112	1.57	1.32-1.78	y	83.8	75.0-125	PCB-153	1.26	1.05-1.43	y	43.5	37.5-62.5
PCB-83	1.55	1.32-1.78	y	42.3	37.5-62.5	PCB-168	1.23	1.05-1.43	y	43.6	37.5-62.5
PCB-97	1.55	1.32-1.78	y	40.7	37.5-62.5	PCB-141	1.23	1.05-1.43	y	44.3	37.5-62.5
PCB-86	1.56	1.32-1.78	y	42.2	37.5-62.5	PCB-137	1.22	1.05-1.43	y	47.4	37.5-62.5
PCB-87/117/125	1.57	1.32-1.78	y	125.9	112.5-225	PCB-130	1.24	1.05-1.43	y	43.6	37.5-62.5
PCB-111/115	1.58	1.32-1.78	y	80.2	75.0-125	PCB-138/163/164	1.23	1.05-1.43	y	135.7	112.5-225
PCB-85/116	1.57	1.32-1.78	y	88.3	75.0-125	PCB-158/160	1.22	1.05-1.43	y	93.5	75.0-125
PCB-120	1.56	1.32-1.78	y	40.8	37.5-62.5	PCB-129	1.23	1.05-1.43	y	48.1	37.5-62.5
PCB-110	1.58	1.32-1.78	y	43.0	37.5-62.5	PCB-166	1.23	1.05-1.43	y	45.9	37.5-62.5
PCB-82	1.56	1.32-1.78	y	41.8	37.5-62.5	PCB-159	1.21	1.05-1.43	y	45.2	37.5-62.5
PCB-124	1.56	1.32-1.78	y	42.9	37.5-62.5	PCB-128/162	1.22	1.05-1.43	y	89.7	75.0-125
PCB-107/109	1.57	1.32-1.78	y	81.6	75.0-125	PCB-167	1.23	1.05-1.43	y	44.3	37.5-62.5
PCB-123	1.56	1.32-1.78	y	41.2	37.5-62.5	PCB-156	1.23	1.05-1.43	y	44.4	37.5-62.5
PCB-106/118	1.57	1.32-1.78	y	83.3	75.0-125	PCB-157	1.23	1.05-1.43	y	44.2	37.5-62.5
PCB-114	1.57	1.32-1.78	y	47.9	37.5-62.5	PCB-169	1.23	1.05-1.43	y	45.3	37.5-62.5
PCB-122	1.57	1.32-1.78	y	46.5	37.5-62.5	PCB-188	1.04	0.89-1.21	y	44.6	37.5-62.5
PCB-105	1.58	1.32-1.78	y	46.7	37.5-62.5	PCB-184	1.03	0.89-1.21	y	44.3	37.5-62.5
PCB-127	1.59	1.32-1.78	y	46.9	37.5-62.5	PCB-179	1.05	0.89-1.21	y	45.9	37.5-62.5
PCB-126	1.56	1.32-1.78	y	45.6	37.5-62.5	PCB-176	1.04	0.89-1.21	y	45.3	37.5-62.5
PCB-155	1.25	1.05-1.43	y	41.5	37.5-62.5	PCB-186	1.03	0.89-1.21	y	48.1	37.5-62.5
PCB-150	1.24	1.05-1.43	y	41.5	37.5-62.5	PCB-178	1.06	0.89-1.21	y	47.6	37.5-62.5
PCB-152	1.25	1.05-1.43	y	42.8	37.5-62.5	PCB-175	1.04	0.89-1.21	y	45.6	37.5-62.5
PCB-145	1.24	1.05-1.43	y	42.0	37.5-62.5	PCB-182/187	1.05	0.89-1.21	y	92.0	75.0-125
PCB-136	1.25	1.05-1.43	y	45.1	37.5-62.5	PCB-183	1.05	0.89-1.21	y	48.2	37.5-62.5
PCB-148	1.25	1.05-1.43	y	41.3	37.5-62.5	PCB-185	1.03	0.89-1.21	y	44.0	37.5-62.5
PCB-154	1.25	1.05-1.43	y	44.2	37.5-62.5	PCB-174	1.02	0.89-1.21	y	40.2	37.5-62.5
PCB-151	1.26	1.05-1.43	y	45.1	37.5-62.5	PCB-181	1.05	0.89-1.21	y	48.1	37.5-62.5
PCB-135	1.25	1.05-1.43	y	42.6	37.5-62.5	PCB-177	1.04	0.89-1.21	y	44.7	37.5-62.5
PCB-144	1.25	1.05-1.43	y	44.1	37.5-62.5	PCB-171	1.05	0.89-1.21	y	42.0	37.5-62.5
PCB-147	1.25	1.05-1.43	y	47.0	37.5-62.5	PCB-173	1.05	0.89-1.21	y	43.7	37.5-62.5
PCB-139/149	1.25	1.05-1.43	y	87.6	75.0-125	PCB-172	1.05	0.89-1.21	y	43.9	37.5-62.5

Analyst: M

Date: 1/24/18

NATIVE 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180118E2-1 Instrument ID: VG-8

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

VER Data Filename: 180118E2 S#1 Analysis Date: 18-JAN-18 Time: 16:36:52

ANALYTES	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
PCB-192	1.03	0.89-1.21	y	44.0	37.5-62.5
PCB-180	1.05	0.89-1.21	y	43.7	37.5-62.5
PCB-193	1.04	0.89-1.21	y	44.5	37.5-62.5
PCB-191	1.04	0.89-1.21	y	44.1	37.5-62.5
PCB-170	1.04	0.89-1.21	y	43.0	37.5-62.5
PCB-190	1.04	0.89-1.21	y	43.5	37.5-62.5
PCB-189	1.03	0.89-1.21	y	43.5	37.5-62.5
PCB-202	0.89	0.76-1.02	y	41.9	37.5-62.5
PCB-201	0.88	0.76-1.02	y	43.9	37.5-62.5
PCB-204	0.89	0.76-1.02	y	41.8	37.5-62.5
PCB-197	0.90	0.76-1.02	y	42.7	37.5-62.5
PCB-200	0.88	0.76-1.02	y	42.7	37.5-62.5
PCB-198	0.95	0.76-1.02	y	44.5	37.5-62.5
PCB-199	0.95	0.76-1.02	y	47.4	37.5-62.5
PCB-196/203	0.89	0.76-1.02	y	88.3	75.0-125
PCB-195	0.89	0.76-1.02	y	48.2	37.5-62.5
PCB-194	0.88	0.76-1.02	y	45.6	37.5-62.5
PCB-205	0.90	0.76-1.02	y	44.9	37.5-62.5
PCB-208	1.29	1.14-1.54	y	47.8	37.5-62.5
PCB-207	1.30	1.14-1.54	y	47.6	37.5-62.5
PCB-206	1.32	1.14-1.54	y	45.7	37.5-62.5
PCB-209	1.18	0.99-1.33	y	42.9	37.5-62.5

Analyst: MI

Date: 1/24/18

LABELED 1668C CONTINUING CALIBRATION VERIFICATION

Lab Name: Vista Analytical Laboratory Lab ID: ST180118E2-1 Instrument ID: VG-8

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

VER Data Filename: 180118E2 S#1 Analysis Date: 18-JAN-18 Time: 16:36:52

LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)	LABELED IS	ION ABUND. RATIO	QC LIMITS	PASS	CONC. FOUND	CONC. RANGE (ng/mL)
13C-PCB-1	3.13	2.66-3.60	y	86.2	50.0-145	13C-PCB-169	1.25	1.05-1.43	y	101.2	50 - 145
13C-PCB-3	3.11	2.66-3.60	y	91.5	50.0-145	13C-PCB-188	0.46	0.38-0.52	y	97.1	50 - 145
13C-PCB-4	1.54	1.33-1.79	y	86.7	50.0-145	13C-PCB-180	0.45	0.38-0.52	y	106.0	50 - 145
13C-PCB-9	1.51	1.33-1.79	y	91.4	50.0-145	13C-PCB-170	0.47	0.38-0.52	y	107.2	50 - 145
13C-PCB-11	1.53	1.33-1.79	y	99.5	50.0-145	13C-PCB-189	0.46	0.38-0.52	y	113.0	50 - 145
13C-PCB-19	1.09	0.88-1.20	y	116.2	50.0-145	13C-PCB-202	0.90	0.76-1.02	y	135.0	50 - 145
13C-PCB-32	1.06	0.88-1.20	y	121.4	50.0-145	13C-PCB-194	0.90	0.76-1.02	y	103.4	50 - 145
13C-PCB-28	1.03	0.88-1.20	y	103.5	50.0-145	13C-PCB-208	0.78	0.65-0.89	y	115.6	50 - 145
13C-PCB-37	1.04	0.88-1.20	y	104.9	50.0-145	13C-PCB-206	0.78	0.65-0.89	y	122.4	50 - 145
13C-PCB-54	0.80	0.65-0.89	y	95.7	50.0-145	13C-PCB-209	1.17	0.99-1.33	y	127.2	50 - 145
13C-PCB-52	0.77	0.65-0.89	y	98.7	50.0-145						
13C-PCB-47	0.79	0.65-0.89	y	99.3	50.0-145						
13C-PCB-70	0.79	0.65-0.89	y	101.3	50.0-145						
13C-PCB-80	0.79	0.65-0.89	y	102.0	50.0-145						
13C-PCB-81	0.79	0.65-0.89	y	105.1	50.0-145						
13C-PCB-77	0.79	0.65-0.89	y	106.1	50.0-145						
13C-PCB-104	1.57	1.32-1.78	y	93.9	50.0-145						
13C-PCB-95	1.56	1.32-1.78	y	97.5	50.0-145						
13C-PCB-101	1.57	1.32-1.78	y	99.8	50.0-145	CRS vs. RS					
13C-PCB-97	1.59	1.32-1.78	y	101.1	50.0-145						
13C-PCB-123	1.58	1.32-1.78	y	100.7	50.0-145	13C-PCB-79	0.79	0.65-0.89	y	103.7	75 - 125
13C-PCB-118	1.59	1.32-1.78	y	101.3	50.0-145	13C-PCB-178	0.46	0.38-0.52	y	104.0	75 - 125
13C-PCB-114	1.58	1.32-1.78	y	86.9	50.0-145						
13C-PCB-105	1.56	1.32-1.78	y	83.8	50.0-145						
13C-PCB-127	1.57	1.32-1.78	y	82.8	50.0-145						
13C-PCB-126	1.59	1.32-1.78	y	91.1	50.0-145						
13C-PCB-155	1.26	1.05-1.43	y	135.9	50.0-145						
13C-PCB-153	1.26	1.05-1.43	y	98.8	50.0-145						
13C-PCB-141	1.28	1.05-1.43	y	100.2	50.0-145						
13C-PCB-138	1.27	1.05-1.43	y	98.8	50.0-145						
13C-PCB-159	1.28	1.05-1.43	y	100.4	50.0-145						
13C-PCB-167	1.25	1.05-1.43	y	99.4	50.0-145						
13C-PCB-156	1.27	1.05-1.43	y	101.2	50.0-145						
13C-PCB-157	1.28	1.05-1.43	y	99.5	50.0-145						

Analyst: VM

Date: 1/24/18

Client ID: PCB CS3 17I0520 Filename: 180118E2 S:1 Acq:18-JAN-18 16:36:52 ConCal: ST180118E2-1

Lab ID: ST180118E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	1.21e+08	3.01 y	1.14	16:00	1.001	0.996	1.006	49.1182
	PCB-2	1.29e+08	3.05 y	1.09	18:23	0.988	0.983	0.993	50.7773
	PCB-3	1.28e+08	3.00 y	1.10	18:37	1.001	0.996	1.006	49.6616
	PCB-4/10	1.53e+08	1.58 y	1.41	20:00	1.003	0.998	1.008	92.9524
	PCB-7/9	1.90e+08	1.56 y	1.13	21:47	0.867	0.864	0.871	92.3181
	PCB-6	9.52e+07	1.59 y	1.09	22:26	0.893	0.888	0.897	47.7558
	PCB-5/8	1.97e+08	1.57 y	1.14	22:50	0.909	0.905	0.913	94.7773
	PCB-14	1.16e+08	1.59 y	1.39	23:56	0.953	0.948	0.958	43.4595
	PCB-11	1.02e+08	1.61 y	1.18	25:08	1.001	0.996	1.006	44.7407
	PCB-12/13	2.07e+08	1.56 y	1.15	25:31	1.016	1.011	1.021	92.8932
	PCB-15	1.16e+08	1.55 y	1.26	25:50	1.029	1.023	1.033	47.6214
	PCB-19	7.89e+07	1.07 y	1.25	24:07	1.001	0.996	1.006	42.0146
	PCB-30	1.30e+08	1.06 y	1.94	25:01	1.038	1.033	1.043	44.3320
	PCB-18	8.88e+07	1.07 y	0.95	25:46	0.954	0.949	0.959	42.0062
	PCB-17	9.91e+07	1.05 y	1.03	25:56	0.960	0.955	0.965	43.1424
	PCB-24/27	2.60e+08	1.06 y	1.35	26:31	0.981	0.976	0.986	86.5606
-	PCB-16/32	2.13e+08	1.06 y	1.11	27:01	1.000	0.995	1.005	86.5047
-	PCB-34	1.03e+08	0.99 y	1.19	27:48	0.960	0.955	0.965	47.3957
	PCB-23	9.88e+07	1.10 y	1.24	27:55	0.964	0.958	0.968	43.7407
	PCB-29	1.06e+08	1.04 y	1.26	28:10	0.972	0.966	0.976	45.8847
	PCB-26	1.03e+08	1.05 y	1.23	28:22	0.979	0.974	0.984	45.7804
	PCB-25	9.71e+07	1.05 y	1.15	28:31	0.984	0.980	0.990	46.1518
	PCB-31	1.06e+08	1.04 y	1.32	28:53	0.997	0.992	1.002	44.1412
	PCB-28	1.02e+08	1.06 y	1.25	28:59	1.001	0.995	1.005	44.7192
	PCB-20/21/33	3.02e+08	1.04 y	1.20	29:36	1.022	1.017	1.027	137.837
	PCB-22	9.79e+07	1.04 y	1.20	30:02	1.037	1.032	1.042	44.7213
	PCB-36	1.03e+08	1.04 y	1.24	30:40	0.934	0.929	0.939	45.7463
	PCB-39	1.06e+08	1.04 y	1.32	31:07	0.948	0.943	0.953	44.1761
	PCB-38	9.55e+07	1.05 y	1.18	31:54	0.972	0.966	0.976	44.9121
	PCB-35	9.76e+07	1.05 y	1.20	32:25	0.987	0.982	0.992	45.0769
	PCB-37	1.08e+08	1.04 y	1.33	32:52	1.001	0.995	1.005	44.7888
	PCB-54	1.05e+08	0.77 y	1.12	27:52	1.001	0.996	1.006	46.4301
	PCB-50	8.30e+07	0.78 y	0.90	29:02	1.043	1.038	1.048	45.6949
	PCB-53	8.39e+07	0.77 y	1.14	29:41	0.946	0.941	0.951	45.1021
	PCB-51	8.56e+07	0.78 y	1.18	30:01	0.956	0.952	0.962	44.4528
	PCB-45	7.79e+07	0.77 y	1.03	30:27	0.970	0.965	0.975	46.4771
	PCB-46	7.20e+07	0.79 y	0.98	30:57	0.986	0.981	0.991	45.1141

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	2.01e+08	0.76 y	1.325	31:25	1.001	0.996	1.006	93.2581
PCB-73	9.89e+07	0.78 y	1.388	31:32	1.005	1.000	1.010	43.8033
PCB-43/49	1.72e+08	0.77 y	1.141	31:42	1.010	1.005	1.015	92.6479
PCB-47	8.71e+07	0.77 y	1.042	31:54	1.001	0.996	1.006	46.6931
PCB-48/75	2.13e+08	0.77 y	1.313	32:01	1.004	0.999	1.009	90.7617
PCB-65	1.09e+08	0.76 y	1.234	32:17	1.013	1.007	1.017	49.3915
PCB-62	9.70e+07	0.78 y	1.267	32:24	1.016	1.011	1.021	42.7350
PCB-44	7.40e+07	0.76 y	0.909	32:42	1.026	1.020	1.030	45.4494
PCB-42/59	1.98e+08	0.77 y	1.197	32:56	1.033	1.027	1.037	92.2997
PCB-41/64/71/72	4.26e+08	0.77 y	1.273	33:31	1.051	1.046	1.056	186.973
PCB-68	1.25e+08	0.77 y	1.477	33:46	1.059	1.054	1.064	47.2510
PCB-40	6.97e+07	0.77 y	0.820	33:59	1.066	1.060	1.070	47.4720
PCB-57	1.15e+08	0.78 y	1.146	34:20	0.970	0.965	0.975	46.5548
PCB-67	1.16e+08	0.77 y	1.144	34:39	0.979	0.974	0.984	47.2501
PCB-58	1.16e+08	0.78 y	1.221	34:46	0.982	0.977	0.987	43.9537
PCB-63	1.20e+08	0.78 y	1.222	34:55	0.986	0.982	0.992	45.6498
PCB-74	1.24e+08	0.77 y	1.225	35:13	0.995	0.990	1.000	47.0339
PCB-61/70	2.28e+08	0.77 y	1.165	35:23	1.000	0.994	1.004	90.9110
PCB-76/66	2.37e+08	0.77 y	1.199	35:36	1.006	1.001	1.011	91.8920
PCB-80	1.35e+08	0.78 y	1.383	35:50	1.000	0.995	1.005	44.7221
PCB-55	1.26e+08	0.77 y	1.261	36:09	1.009	1.004	1.014	45.9276
PCB-56/60	2.24e+08	0.78 y	1.161	36:39	1.023	1.018	1.028	88.7024
PCB-79	1.23e+08	0.78 y	1.241	37:43	1.053	1.047	1.057	45.6614
PCB-78	1.18e+08	0.76 y	1.129	38:24	0.987	0.982	0.992	46.7182
PCB-81	1.27e+08	0.77 y	1.265	38:55	1.000	0.995	1.005	44.8419
PCB-77	1.27e+08	0.78 y	1.324	39:31	1.000	0.995	1.005	44.3373
PCB-104	1.04e+08	1.57 y	1.367	32:33	1.001	0.996	1.006	43.4509
PCB-96	9.28e+07	1.57 y	1.184	33:48	1.039	1.034	1.044	44.6858
PCB-103	8.45e+07	1.57 y	1.122	34:21	1.056	1.051	1.061	42.9527
PCB-100	8.38e+07	1.54 y	1.096	34:42	1.067	1.062	1.072	43.5974
PCB-94	7.15e+07	1.55 y	1.163	35:10	0.985	0.981	0.991	42.9642
PCB-95/98/102	2.30e+08	1.58 y	1.313	35:40	0.999	0.994	1.004	122.536
PCB-93	7.79e+07	1.55 y	1.079	35:48	1.003	0.997	1.007	50.4774
PCB-88/91	1.48e+08	1.55 y	1.198	36:05	1.011	1.005	1.015	86.1981
PCB-121	1.09e+08	1.58 y	1.847	36:12	1.014	1.009	1.019	41.2148
PCB-84/92	1.50e+08	1.56 y	1.217	37:00	0.990	0.985	0.995	85.1765
PCB-89	7.17e+07	1.55 y	1.185	37:12	0.995	0.990	1.000	41.9153

Integrations by Analyst: MJ
Date: 1/24/18

Reviewed by Analyst: CT
Date: 2/6/18

Client ID: PCB CS3 17I0520 Filename: 180118E2 S:1 Acq:18-JAN-18 16:36:52 ConCal: ST180118E2-1

Lab ID: ST180118E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc
	PCB-90/101	1.68e+08	1.57 y	1.38	37:23	1.000	0.995-1.005	84.2198
	PCB-113	9.84e+07	1.54 y	1.52	37:38	1.007	1.002-1.012	44.8655
	PCB-99	8.03e+07	1.61 y	1.48	37:44	1.009	1.004-1.014	37.6407
	PCB-119	1.13e+08	1.57 y	2.12	38:11	0.988	0.982-0.992	41.7597
	PCB-108/112	1.70e+08	1.57 y	1.59	38:20	0.991	0.986-0.996	83.7763
	PCB-83	1.02e+08	1.55 y	1.90	38:30	0.996	0.991-1.001	42.2800
	PCB-97	7.80e+07	1.55 y	1.50	38:42	1.001	0.995-1.005	40.7299
	PCB-86	6.43e+07	1.56 y	1.19	38:50	1.004	0.999-1.009	42.2205
	B-87/117/125	2.84e+08	1.57 y	1.76	38:58	1.008	1.002-1.012	125.917
	PCB-111/115	2.14e+08	1.58 y	2.09	39:07	1.012	1.007-1.017	80.2354
	PCB-85/116	1.73e+08	1.57 y	1.53	39:15	1.015	1.010-1.020	88.2728
	PCB-120	1.14e+08	1.56 y	2.19	39:29	1.021	1.016-1.026	40.8157
	PCB-110	1.02e+08	1.58 y	1.87	39:37	1.025	1.020-1.030	42.9978
	PCB-82	6.39e+07	1.56 y	0.88	40:15	0.976	0.971-0.981	41.8314
	PCB-124	1.08e+08	1.56 y	1.46	40:56	0.993	0.988-0.998	42.8550
	PCB-107/109	2.08e+08	1.57 y	1.47	41:05	0.996	0.991-1.001	81.5556
	PCB-123	1.06e+08	1.56 y	1.48	41:15	1.000	0.996-1.006	41.2149
-	PCB-106/118	2.20e+08	1.57 y	1.45	41:28	1.001	0.996-1.006	83.2873
-	PCB-114	8.71e+07	1.57 y	1.39	42:05	1.000	0.995-1.005	47.8521
	PCB-122	7.36e+07	1.57 y	1.21	42:13	1.004	0.999-1.009	46.4898
	PCB-105	8.43e+07	1.58 y	1.44	42:56	1.000	0.995-1.005	46.6969
	PCB-127	7.46e+07	1.59 y	1.19	43:17	1.000	0.995-1.005	46.9375
	PCB-126	8.28e+07	1.56 y	1.33	45:10	1.000	0.995-1.005	45.6433
	PCB-155	1.09e+08	1.25 y	1.42	36:57	1.001	0.966-1.006	41.5163
	PCB-150	1.01e+08	1.24 y	1.32	38:12	1.035	1.029-1.039	41.4610
	PCB-152	1.02e+08	1.25 y	1.30	38:40	1.047	1.042-1.052	42.8369
	PCB-145	9.84e+07	1.24 y	1.27	39:07	1.060	1.054-1.064	42.0371
	PCB-136	1.08e+08	1.25 y	1.30	39:27	1.069	1.063-1.073	45.0805
	PCB-148	7.16e+07	1.25 y	0.94	39:33	1.071	1.066-1.076	41.2694
	PCB-154	8.46e+07	1.25 y	1.04	40:02	1.084	1.079-1.089	44.2027
	PCB-151	8.03e+07	1.26 y	0.97	40:41	1.102	1.095-1.107	45.0607
	PCB-135	7.78e+07	1.25 y	0.99	40:53	1.107	1.101-1.113	42.5611
	PCB-144	8.07e+07	1.25 y	0.99	41:00	1.111	1.105-1.116	44.0960
	PCB-147	7.69e+07	1.25 y	0.89	41:08	1.114	1.108-1.120	47.0451
	PCB-139/149	1.66e+08	1.25 y	1.03	41:24	1.121	1.115-1.127	87.6042
-	PCB-140	7.64e+07	1.24 y	0.97	41:35	1.126	1.120-1.132	42.8925
-	PCB-134/143	1.36e+08	1.25 y	0.93	42:01	0.975	0.970-0.980	89.5537

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc
PCB-131/133	1.37e+08	1.24 y	0.92	42:18	0.982	0.977-0.987	91.0020
PCB-142	6.76e+07	1.26 y	0.86	42:27	0.985	0.980-0.990	47.8778
PCB-146/165	1.67e+08	1.25 y	1.12	42:41	0.991	0.986-0.996	91.2454
PCB-132/161	1.68e+08	1.23 y	1.13	42:56	0.997	0.992-1.002	90.9151
PCB-153	8.21e+07	1.26 y	1.16	43:06	1.000	0.996-1.006	43.5032
PCB-168	1.01e+08	1.23 y	1.41	43:19	1.005	1.000-1.010	43.6318
PCB-141	7.61e+07	1.23 y	1.24	43:50	1.000	0.996-1.006	44.2729
PCB-137	8.26e+07	1.22 y	1.25	44:14	1.010	1.004-1.014	47.3539
PCB-130	6.47e+07	1.24 y	1.07	44:19	1.011	1.006-1.016	43.5617
PCB-138/163/164	2.70e+08	1.23 y	1.36	44:42	1.001	0.996-1.006	135.723
PCB-158/160	1.99e+08	1.22 y	1.46	44:56	1.006	1.001-1.011	93.5485
PCB-129	7.10e+07	1.23 y	1.01	45:10	1.011	1.007-1.017	48.1257
PCB-166	1.01e+08	1.23 y	1.23	45:38	0.993	0.988-0.998	45.9487
PCB-159	1.05e+08	1.21 y	1.31	45:58	1.001	0.995-1.005	45.1709
PCB-128/162	1.75e+08	1.22 y	1.09	46:15	1.007	1.002-1.012	89.7157
PCB-167	1.02e+08	1.23 y	1.29	46:38	1.000	0.995-1.005	44.3170
PCB-156	1.05e+08	1.23 y	1.32	47:56	1.001	0.995-1.005	44.3957
PCB-157	1.04e+08	1.23 y	1.34	48:12	1.000	0.995-1.005	44.2403
PCB-169	9.86e+07	1.23 y	1.21	50:22	1.000	0.995-1.005	45.3409
PCB-188	9.91e+07	1.04 y	1.61	42:44	1.000	0.995-1.005	44.5931
PCB-184	8.95e+07	1.03 y	1.46	43:11	1.011	1.006-1.016	44.3257
PCB-179	9.43e+07	1.05 y	1.49	43:57	1.029	1.024-1.034	45.8912
PCB-176	9.88e+07	1.04 y	1.58	44:25	1.040	1.035-1.045	45.2530
PCB-186	1.02e+08	1.03 y	1.54	45:02	1.054	1.049-1.059	48.0611
PCB-178	7.61e+07	1.06 y	1.16	45:32	1.066	1.061-1.071	47.5618
PCB-175	7.40e+07	1.04 y	1.17	45:52	1.074	1.069-1.079	45.6087
PCB-182/187	1.60e+08	1.05 y	1.25	46:02	1.078	1.073-1.083	91.9649
PCB-183	8.80e+07	1.05 y	1.32	46:22	1.085	1.080-1.090	48.1597
PCB-185	7.69e+07	1.03 y	1.67	47:01	0.956	0.951-0.961	44.0076
PCB-174	6.44e+07	1.02 y	1.53	47:23	0.963	0.958-0.968	40.1739
PCB-181	8.01e+07	1.05 y	1.59	47:29	0.965	0.960-0.970	48.0946
PCB-177	6.91e+07	1.04 y	1.48	47:39	0.968	0.964-0.974	44.6557
PCB-171	7.50e+07	1.05 y	1.71	47:57	0.975	0.969-0.979	42.0041
PCB-173	6.39e+07	1.05 y	1.40	48:22	0.983	0.978-0.988	43.6824
PCB-172	7.40e+07	1.05 y	1.61	48:49	0.992	0.987-0.997	43.9462
PCB-192	9.57e+07	1.03 y	2.08	49:00	0.996	0.991-1.001	43.9987
PCB-180	7.63e+07	1.05 y	1.67	49:13	1.000	0.995-1.005	43.6627

Integrations by Analyst: JN

Date: 1/24/18

Client ID: PCB CS3 17I0520 Filename: 180118E2 S:1 Acq:18-JAN-18 16:36:52 ConCal: ST180118E2-1

Lab ID: ST180118E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
	PCB-193	1.01e+08	1.04 y	2.18	49:25	1.004	0.999	1.009	44.4884
	PCB-191	1.03e+08	1.04 y	2.22	49:41	1.010	1.005	1.015	44.0600
	PCB-170	7.25e+07	1.04 y	1.83	50:48	1.000	0.995	1.005	42.9698
	PCB-190	9.95e+07	1.04 y	2.48	50:58	1.004	0.999	1.009	43.5067
	PCB-189	1.03e+08	1.03 y	1.82	52:22	1.000	0.995	1.005	43.5301
	PCB-202	8.12e+07	0.89 y	1.15	48:09	1.000	0.995	1.005	41.9210
	PCB-201	9.22e+07	0.88 y	1.25	48:38	1.010	1.005	1.015	43.8669
	PCB-204	8.51e+07	0.89 y	1.21	48:47	1.014	1.009	1.019	41.7851
	PCB-197	9.61e+07	0.90 y	1.34	49:06	1.020	1.015	1.025	42.7026
	PCB-200	8.74e+07	0.88 y	1.22	49:59	1.038	1.034	1.044	42.7215
	PCB-198	6.74e+07	0.95 y	0.90	51:26	1.069	1.064	1.074	44.4984
	PCB-199	6.74e+07	0.95 y	0.85	51:26	1.069	1.067	1.077	47.3524
-	PCB-196/203	1.42e+08	0.89 y	0.96	51:49	1.077	1.072	1.082	88.2997
-	PCB-195	4.76e+07	0.89 y	1.12	53:02	0.984	0.979	0.989	48.1928
	PCB-194	5.05e+07	0.88 y	1.26	53:54	1.000	0.995	1.005	45.5650
	PCB-205	6.29e+07	0.90 y	1.59	54:10	1.005	1.000	1.010	44.9499
	PCB-208	7.23e+07	1.29 y	1.09	53:11	1.000	0.995	1.005	47.8025
	PCB-207	7.25e+07	1.30 y	1.10	53:30	1.006	1.001	1.011	47.6011
	PCB-206	4.58e+07	1.32 y	0.94	55:29	1.000	0.995	1.005	45.6851
	PCB-209	6.43e+07	1.18 y	1.44	56:49	1.000	0.995	1.005	42.9329

Name	Resp	RA	RT	RRF	Conc	
Total Mono-PCB	3.78e+08	3.01 y	16:00	1.11	149.557	
Total Di-PCB	1.18e+09	1.58 y	20:00	1.19	558.346	
Total Tri-PCB	8.70e+08	1.07 y	24:07	1.27	344.560	
Total Tri-PCB	1.65e+09	0.99 y	27:48	1.23	736.817	Sum:1081.38
Total Tetra-PCB	4.45e+09	0.77 y	27:52	1.17	1944.46	
Total Penta-PCB	3.70e+09	1.57 y	32:33	1.37	1734.72	
Total Penta-PCB	4.26e+08	1.57 y	42:05	1.31	247.149	Sum:1981.87
Total Hexa-PCB	1.23e+09	1.25 y	36:57	1.10	607.664	
Total Hexa-PCB	2.45e+09	1.25 y	42:01	1.17	1287.35	Sum:1895.01
Total Hepta-PCB	2.05e+09	1.04 y	42:44	1.55	1084.30	
Total Octa-PCB	7.16e+08	0.89 y	48:09	1.09	383.838	
Total Octa-PCB	1.67e+08	0.89 y	53:02	1.33	143.735	Sum:527.574
Total Nona-PCB	1.91e+08	1.29 y	53:11	1.05	141.752	
Total Deca-PCB	6.43e+07	1.18 y	56:49	1.44	42.9329	

Total PCB Conc:9334.32176600

Integrations by Analyst: MJ

Date: 1/24/18

Client ID: PCB CS3 17I0520 Filename: 180118E2 S:1 Acq:18-JAN-18 16:36:52 ConCal: ST180118E2-1

Lab ID: ST180118E2-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-1	2.17e+08	3.13 y	1.24	15:59	0.619	0.616	0.622	86.2	86.2
13C-PCB-3	2.33e+08	3.11 y	1.25	18:36	0.720	0.717	0.725	91.5	91.5
13C-PCB-4	1.16e+08	1.54 y	0.66	19:56	0.772	0.768	0.776	86.7	86.7
13C-PCB-9	1.83e+08	1.51 y	0.98	21:44	0.842	0.838	0.846	91.4	91.4
13C-PCB-11	1.93e+08	1.53 y	0.95	25:07	0.973	0.968	0.978	99.5	99.5
13C-PCB-19	1.51e+08	1.09 y	0.64	24:06	0.934	0.928	0.938	116	116
13C-PCB-28	1.83e+08	1.03 y	0.98	28:58	1.003	0.999	1.009	103	103
13C-PCB-32	2.23e+08	1.06 y	0.90	27:01	1.046	1.041	1.051	121	121
13C-PCB-37	1.81e+08	1.04 y	0.95	32:50	1.137	1.131	1.144	105	105
13C-PCB-47	1.79e+08	0.79 y	0.85	31:53	0.870	0.867	0.875	99.3	99.3
13C-PCB-52	1.63e+08	0.77 y	0.77	31:23	0.857	0.853	0.861	98.7	98.7
13C-PCB-54	2.02e+08	0.80 y	0.99	27:50	0.760	0.757	0.765	95.7	95.7
13C-PCB-70	2.15e+08	0.79 y	1.00	35:24	0.966	0.961	0.971	101	101
13C-PCB-77	2.16e+08	0.79 y	0.96	39:30	1.078	1.073	1.083	106	106
13C-PCB-80	2.18e+08	0.79 y	1.00	35:49	0.978	0.973	0.983	102	102
13C-PCB-81	2.24e+08	0.79 y	1.00	38:54	1.062	1.057	1.067	105	105
13C-PCB-95	1.43e+08	1.56 y	0.81	35:42	0.913	0.908	0.918	97.5	97.5
13C-PCB-97	1.28e+08	1.59 y	0.70	38:40	0.988	0.984	0.994	101	101
13C-PCB-101	1.44e+08	1.57 y	0.80	37:23	0.956	0.951	0.961	99.8	99.8
13C-PCB-104	1.75e+08	1.57 y	1.03	32:32	0.832	0.828	0.836	93.9	93.9
13C-PCB-105	1.25e+08	1.56 y	1.16	42:56	0.929	0.924	0.934	83.8	83.8
13C-PCB-114	1.31e+08	1.58 y	1.17	42:04	0.910	0.905	0.915	86.9	86.9
13C-PCB-118	1.82e+08	1.59 y	0.99	41:25	1.059	1.054	1.064	101	101
13C-PCB-123	1.74e+08	1.58 y	0.95	41:14	1.054	1.049	1.059	101	101
13C-PCB-126	1.36e+08	1.59 y	1.16	45:09	0.977	0.972	0.982	91.1	91.1
13C-PCB-127	1.34e+08	1.57 y	1.25	43:16	0.936	0.931	0.941	82.8	82.8
13C-PCB-138	1.46e+08	1.27 y	1.15	44:40	0.966	0.961	0.971	98.8	98.8
13C-PCB-141	1.39e+08	1.28 y	1.08	43:49	0.948	0.943	0.953	100	100
13C-PCB-153	1.63e+08	1.26 y	1.28	43:05	0.932	0.928	0.938	98.8	98.8
13C-PCB-155	1.84e+08	1.26 y	0.75	36:55	0.944	0.939	0.949	136	136
13C-PCB-156	1.79e+08	1.27 y	1.37	47:54	1.036	1.032	1.042	101	101
13C-PCB-157	1.76e+08	1.28 y	1.38	48:11	1.043	1.038	1.048	99.5	99.5
13C-PCB-159	1.78e+08	1.28 y	1.38	45:56	0.994	0.989	0.999	100	100
13C-PCB-167	1.78e+08	1.25 y	1.39	46:38	1.009	1.004	1.014	99.4	99.4
13C-PCB-169	1.79e+08	1.25 y	1.38	50:22	1.090	1.085	1.095	101	101
13C-PCB-170	9.22e+07	0.47 y	0.84	50:47	1.103	1.097	1.109	107	107
13C-PCB-180	1.05e+08	0.45 y	0.96	49:12	1.069	1.063	1.073	106	106
13C-PCB-188	1.38e+08	0.46 y	1.39	42:43	0.928	0.923	0.933	97.1	97.1
13C-PCB-189	1.30e+08	0.46 y	1.12	52:21	1.137	1.132	1.144	113	113
13C-PCB-194	8.78e+07	0.90 y	0.76	53:54	0.995	0.990	1.000	103	103
13C-PCB-202	1.68e+08	0.90 y	1.21	48:08	1.046	1.040	1.050	135	135
13C-PCB-206	1.07e+08	0.78 y	0.78	55:28	1.024	1.019	1.029	122	122
13C-PCB-208	1.39e+08	0.78 y	1.08	53:10	0.982	0.976	0.986	116	116
13C-PCB-209	1.04e+08	1.17 y	0.73	56:48	1.049	1.043	1.053	127	127

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.25e+08	0.79 y	1.02	37:41	1.029	1.024	1.034	104	104
13C-PCB-178	9.65e+07	0.46 y	0.90	45:30	0.984	0.980	0.990	104	104

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc	Rec
13C-PCB-79	2.25e+08	0.79 y	1.01	37:41	0.969	0.963	0.973	98.6	98.6
13C-PCB-178	9.65e+07	0.46 y	0.94	45:30	0.925	0.920	0.930	98.0	98.0

RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	2.04e+08	1.52 y	1.00	25:49	100
13C-PCB-31	1.81e+08	1.03 y	1.00	28:52	100
13C-PCB-60	2.13e+08	0.79 y	1.00	36:38	100
13C-PCB-111	1.81e+08	1.57 y	1.00	39:07	100
13C-PCB-128	1.29e+08	1.25 y	1.00	46:13	100
13C-PCB-182	1.03e+08	0.46 y	1.00	46:02	100
13C-PCB-205	1.12e+08	0.90 y	1.00	54:10	100

Analyst: MA

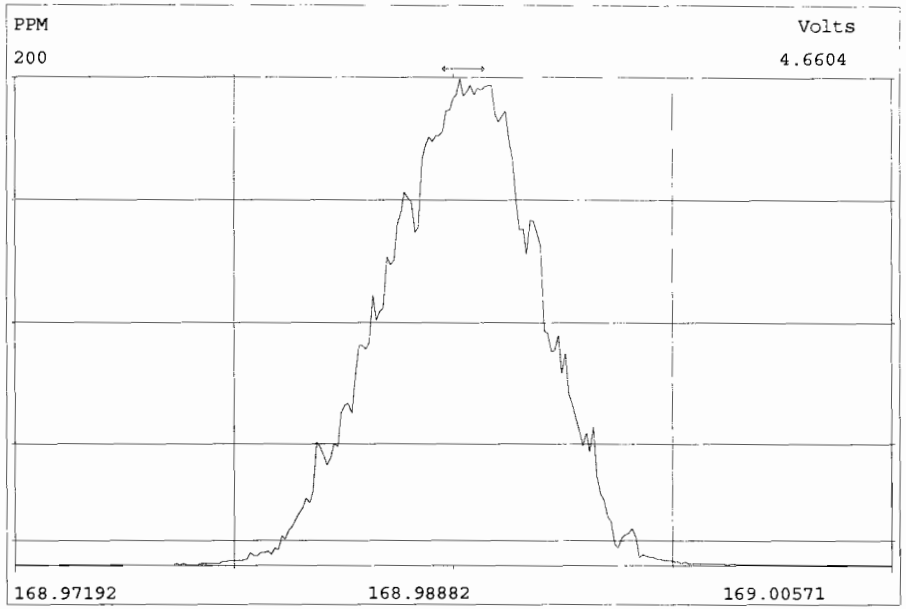
Date: 1/24/18

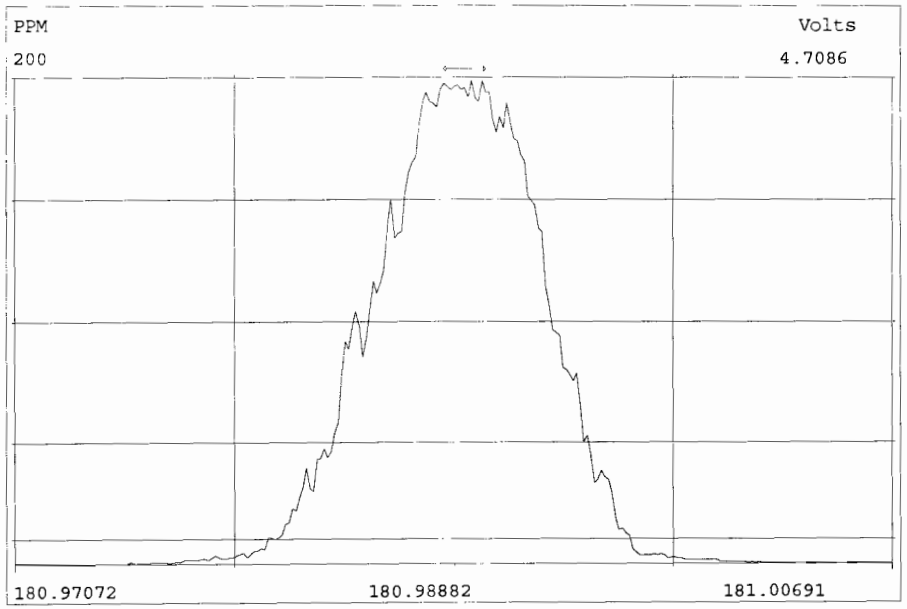
Vista Analytical Laboratory - Injection Log Run file: 180118E2 Instrument ID: VG-8 GC Column ID: ZB-1

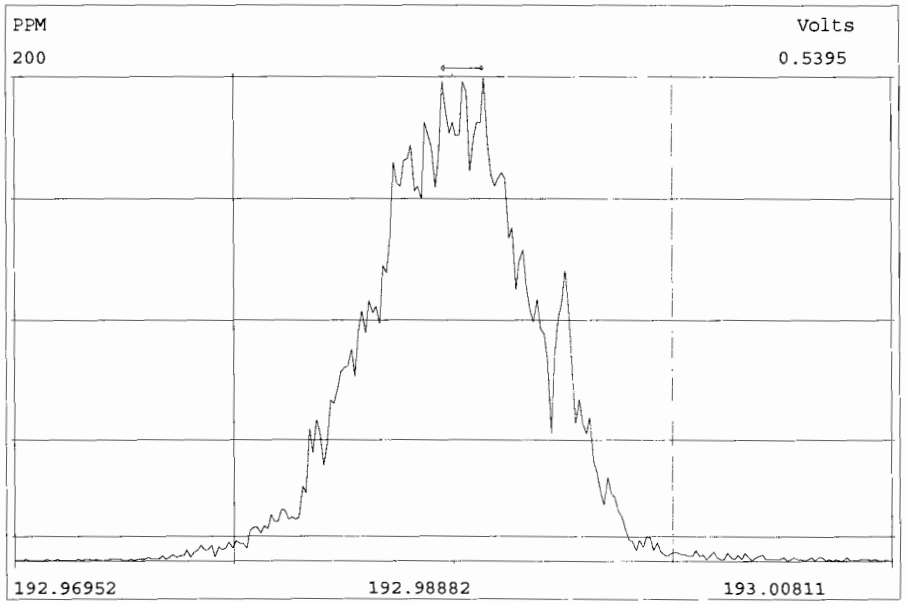
Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
180118E2	1	ST180118E2-1	MAS	18-JAN-18	16:36:52	ST180118E2-1	NA
180118E2	2	B8A0076-BS1	MAS	18-JAN-18	17:41:43	ST180118E2-1	NA
180118E2	3	SOLVENT BLANK	MAS	18-JAN-18	18:46:35	ST180118E2-1	NA
180118E2	4	B8A0076-BLK1	MAS	18-JAN-18	19:51:28	ST180118E2-1	NA
180118E2	5	1701165-01	MAS	18-JAN-18	20:56:19	ST180118E2-1	NA
180118E2	6	1701165-02	MAS	18-JAN-18	22:01:16	ST180118E2-1	NA
180118E2	7	1701165-03	MAS	18-JAN-18	23:06:08	ST180118E2-1	NA
180118E2	8	1701051-01	MAS	19-JAN-18	00:11:01	ST180118E2-1	NA
180118E2	9	1701051-02	MAS	19-JAN-18	01:15:52	ST180118E2-1	NA
180118E2	10	1701051-03	MAS	19-JAN-18	02:20:48	ST180118E2-1	NA
180118E2	11	1701051-04	MAS	19-JAN-18	03:25:42	ST180118E2-1	NA
180118E2	12	SOLVENT BLANK	MAS	19-JAN-18	04:30:35	ST180118E2-1	NA

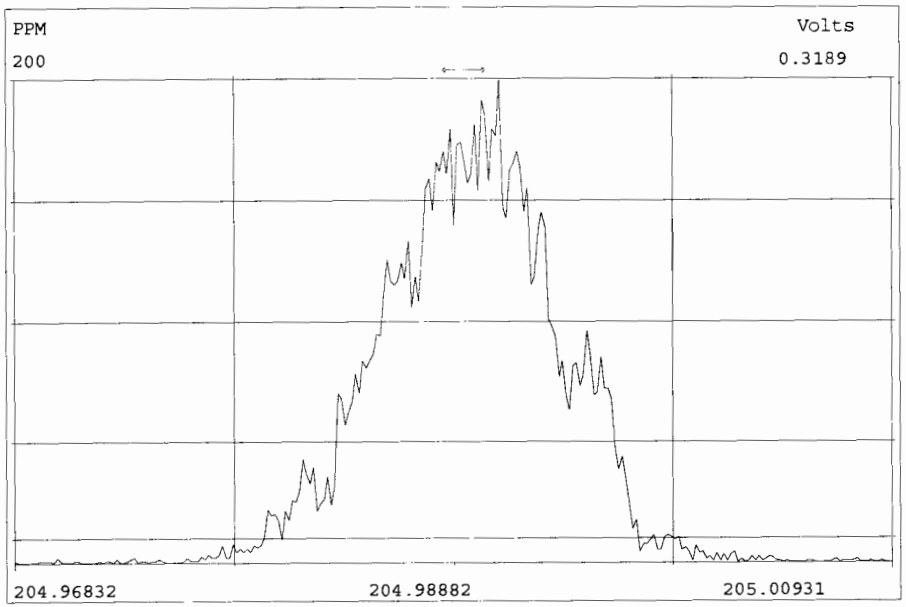
Peak Locate Examination:18-JAN-2018:16:35 File:180118E2

Experiment:PCB_ZB1 Function:1 Reference:PFK



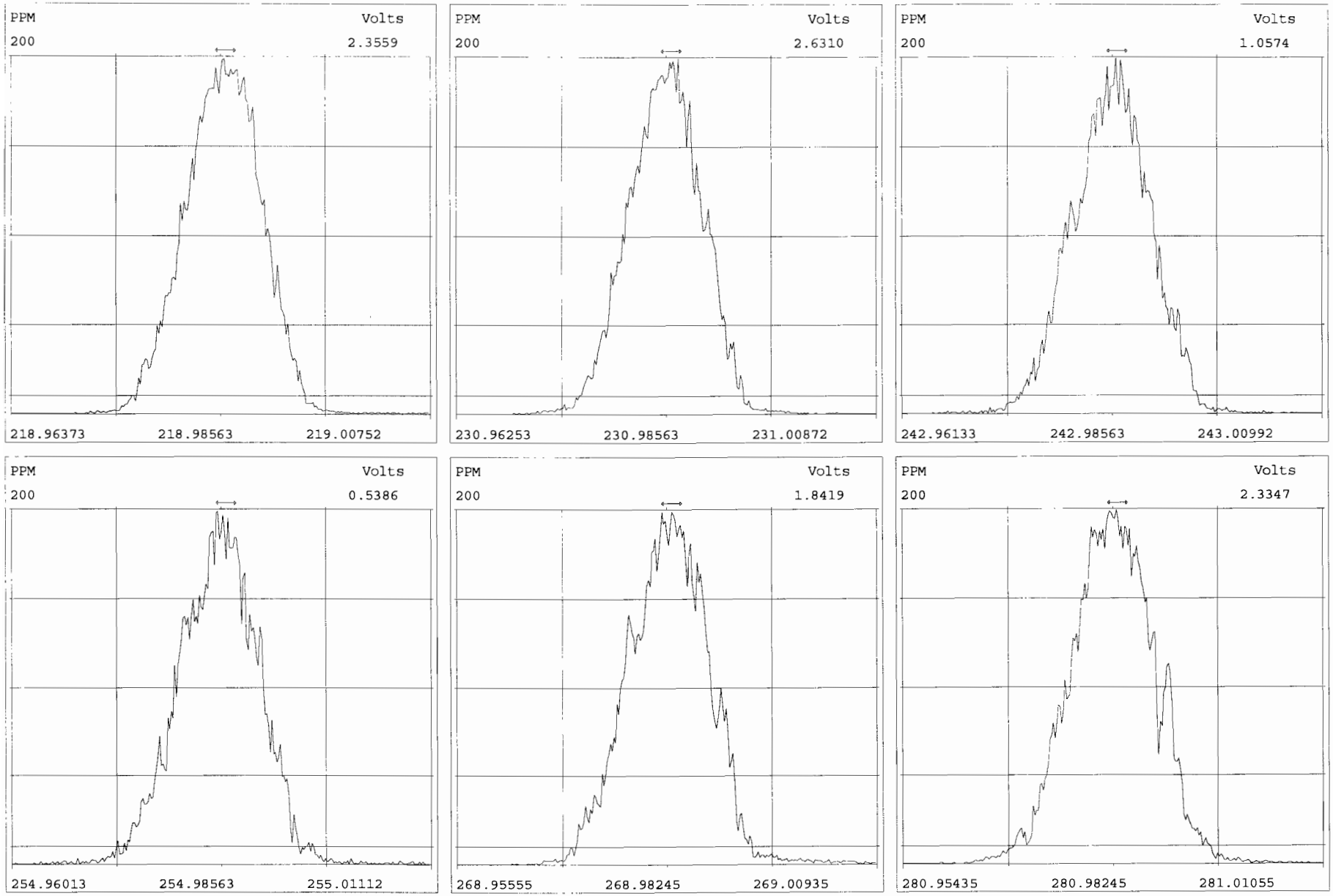






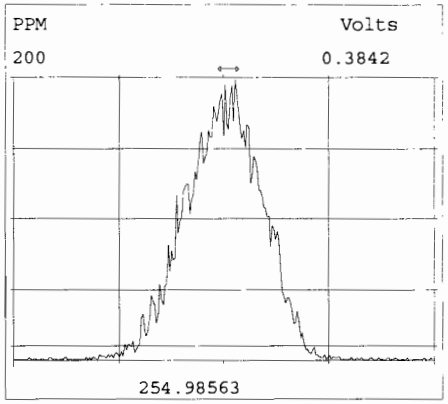
Peak Locate Examination:18-JAN-2018:16:35 File:180118E2

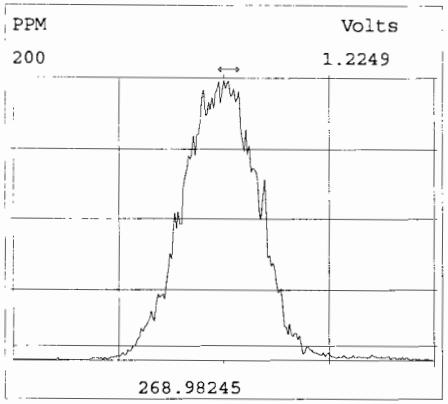
Experiment:PCB_ZB1 Function:2 Reference:PFK

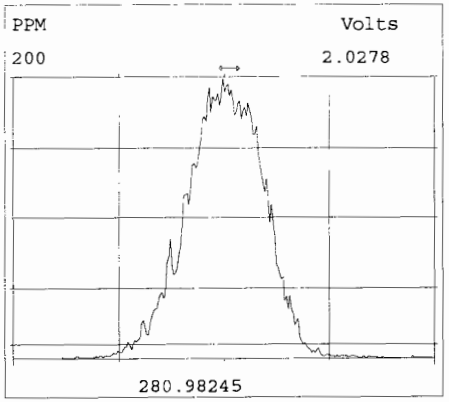


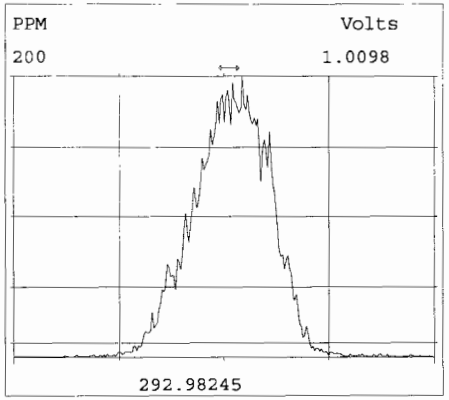
Peak Locate Examination:18-JAN-2018:16:35 File:180118E2

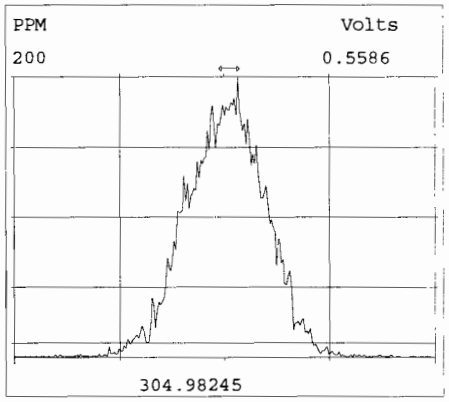
Experiment:PCB_ZB1 Function:3 Reference:PFK

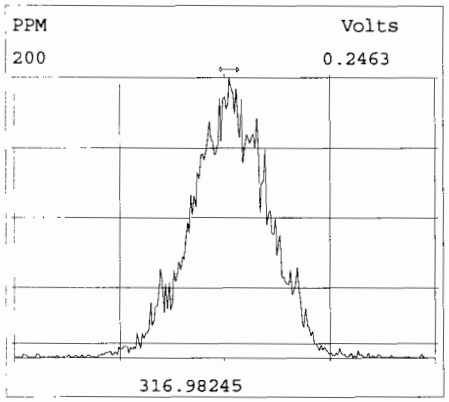


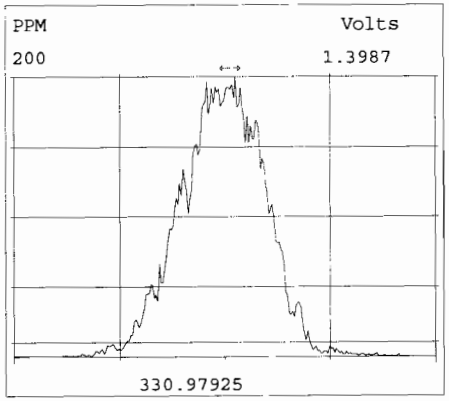


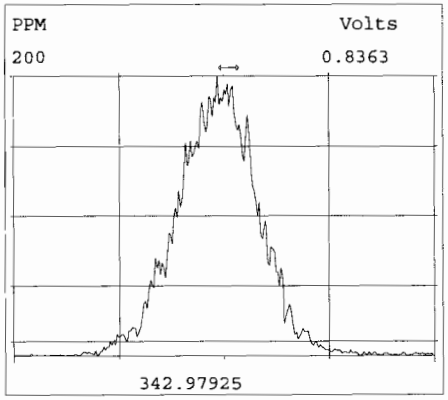


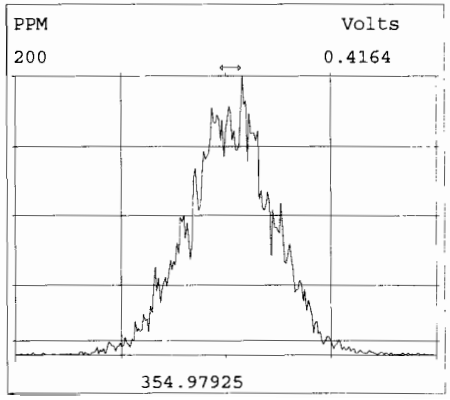


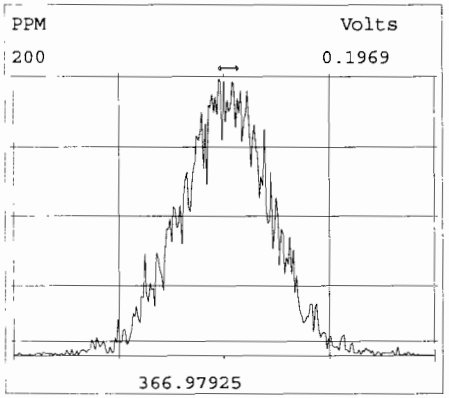


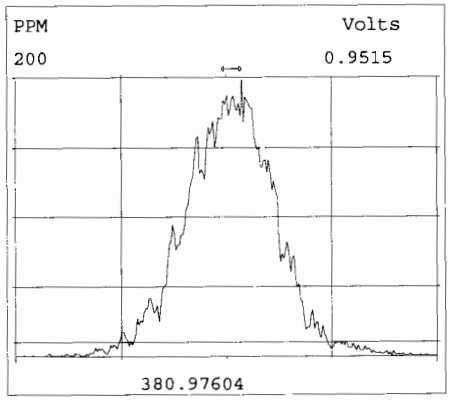






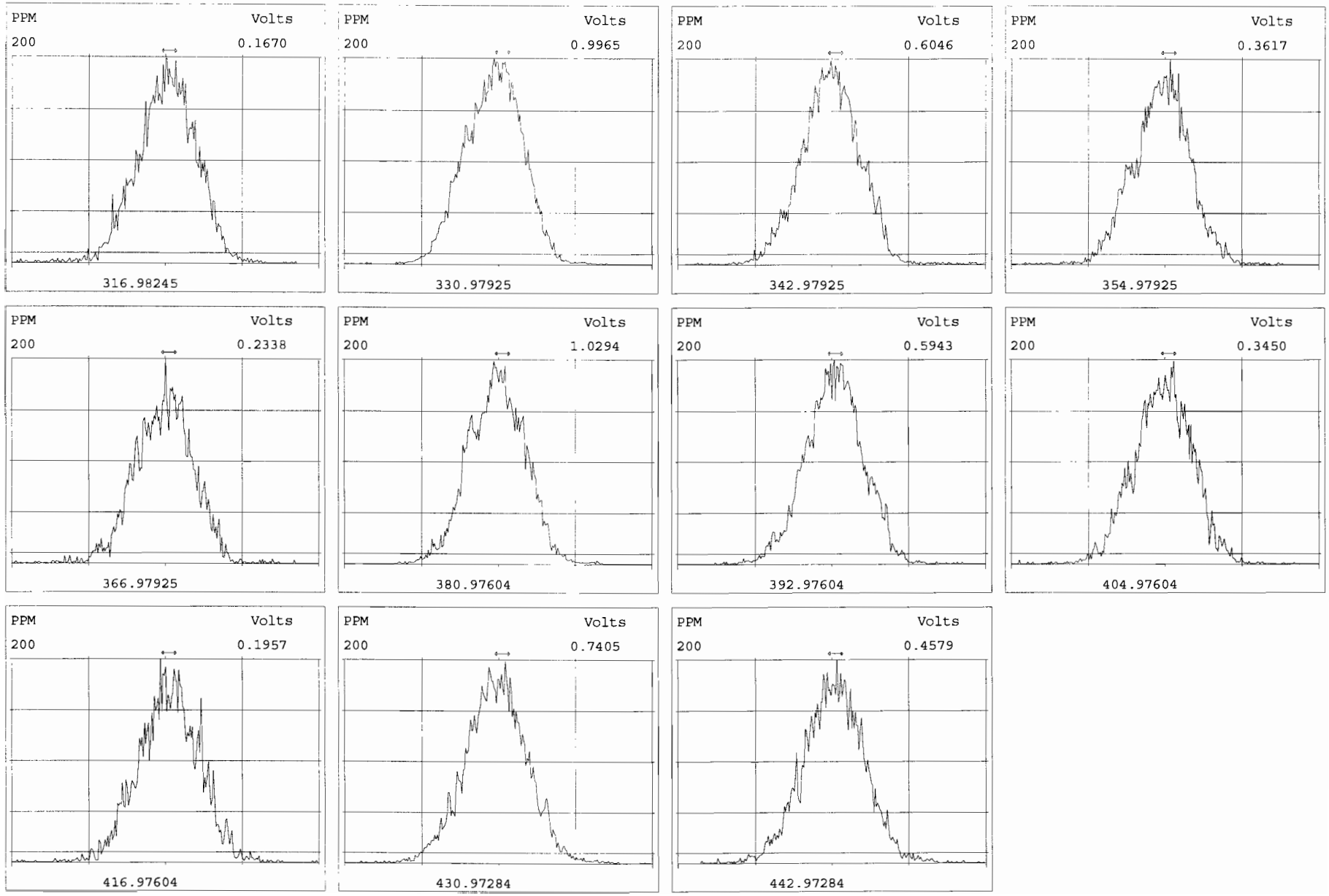






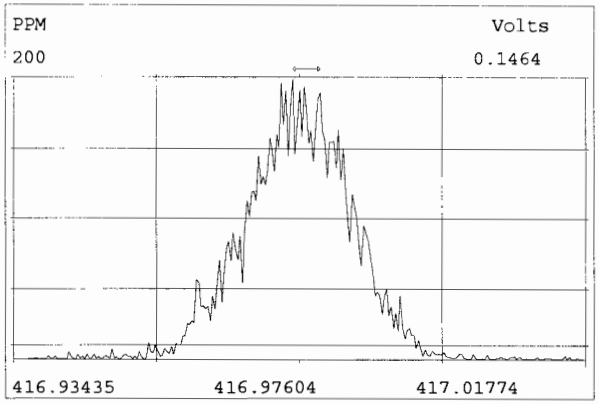
Peak Locate Examination:18-JAN-2018:16:36 File:180118E2

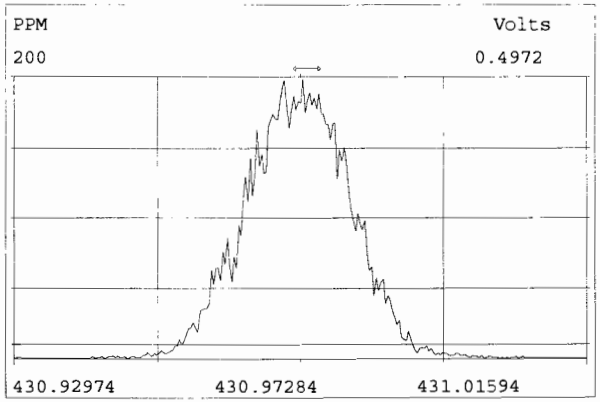
Experiment:PCB_ZB1 Function:4 Reference:PFK

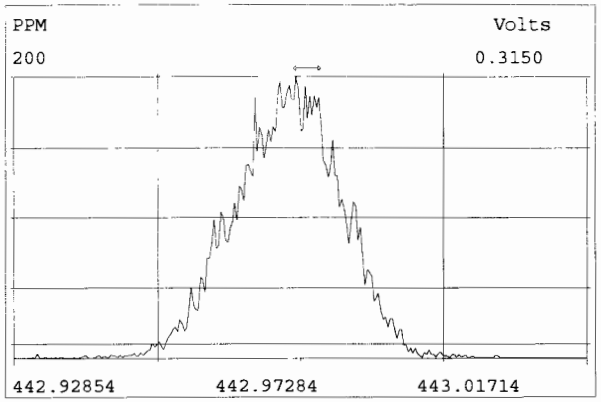


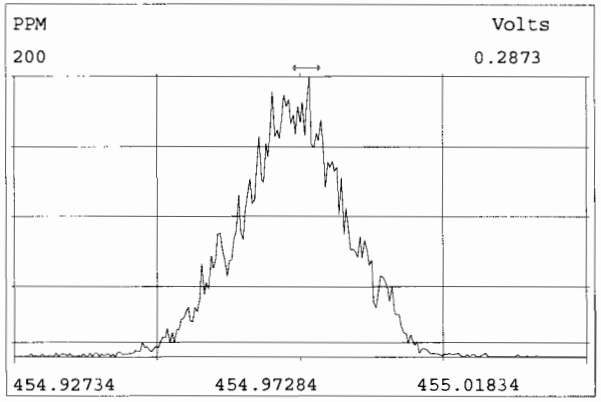
Peak Locate Examination:18-JAN-2018:16:36 File:180118E2

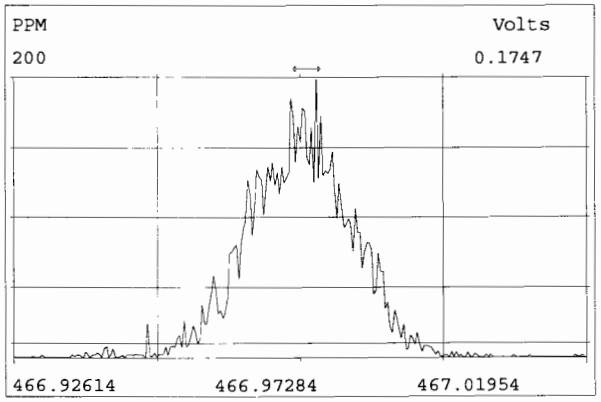
Experiment:PCB_ZB1 Function:5 Reference:PFK

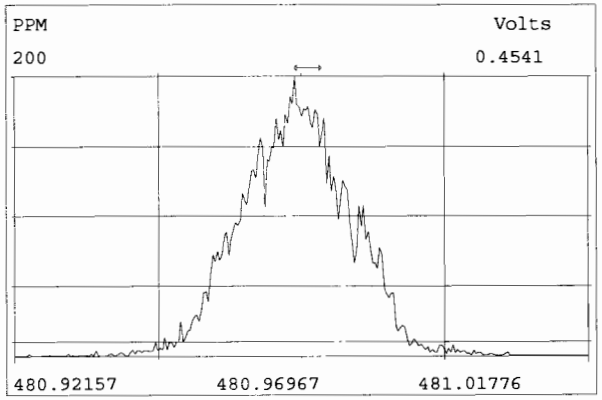


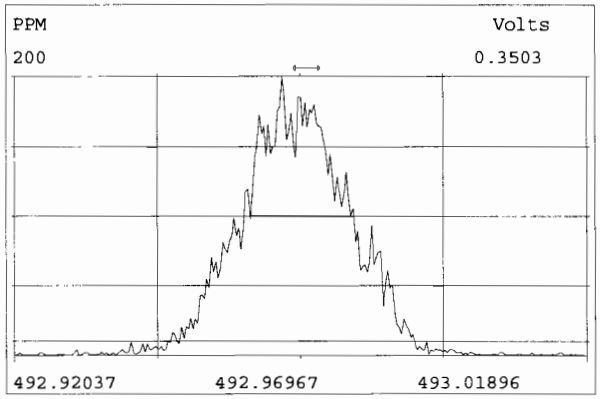


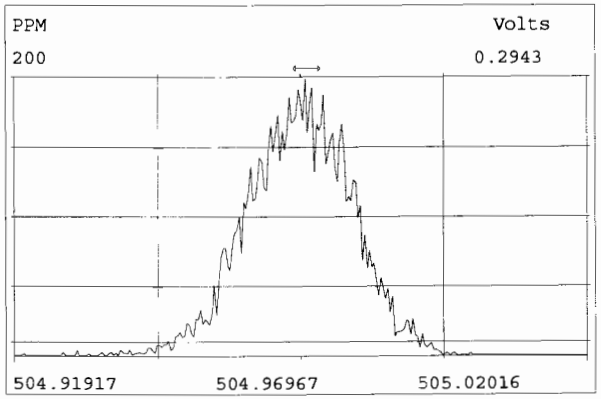


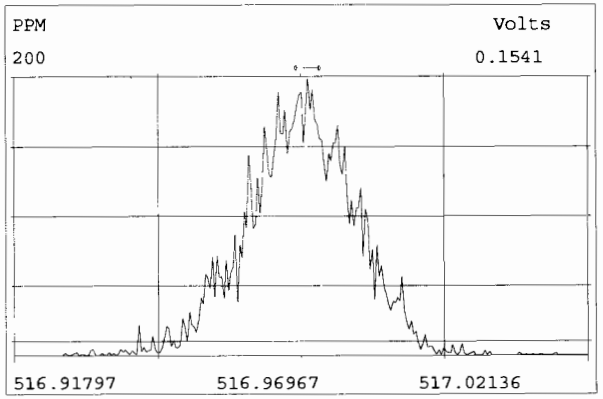




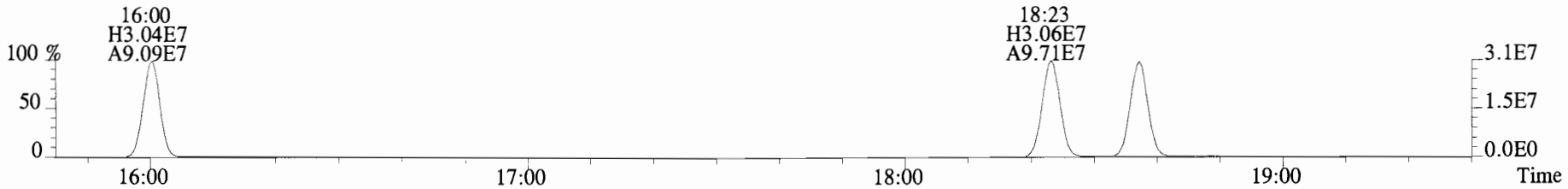




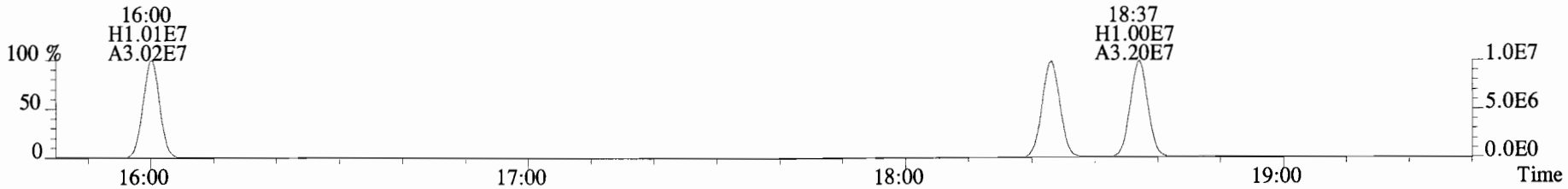




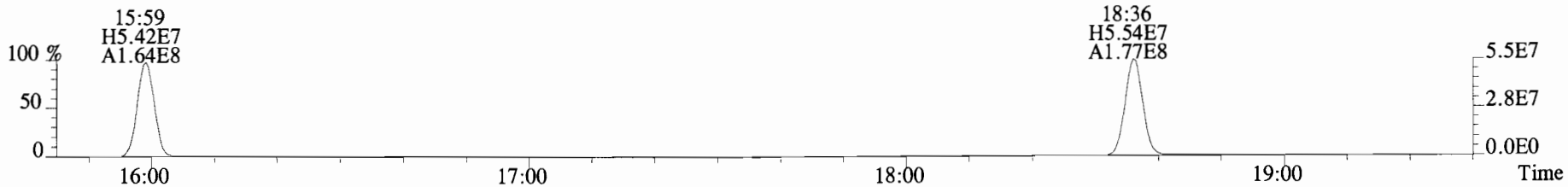
File:180118E2 #1-866 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12396.0,0.00%,F,F)



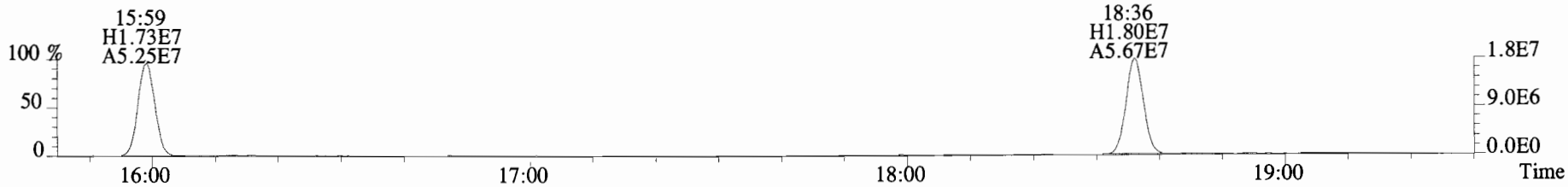
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8700.0,0.00%,F,F)



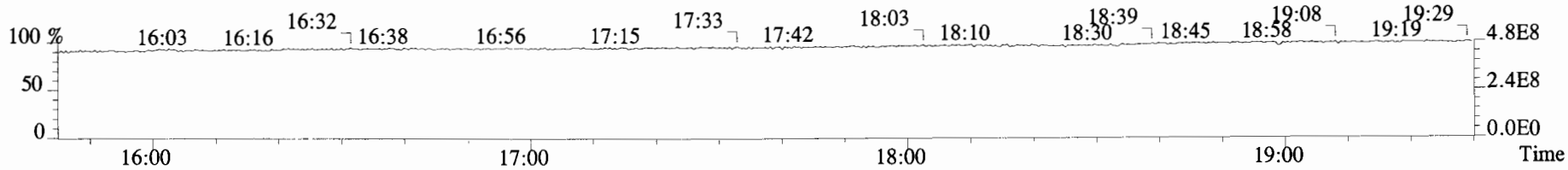
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10888.0,0.00%,F,F)



202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47868.0,0.00%,F,F)

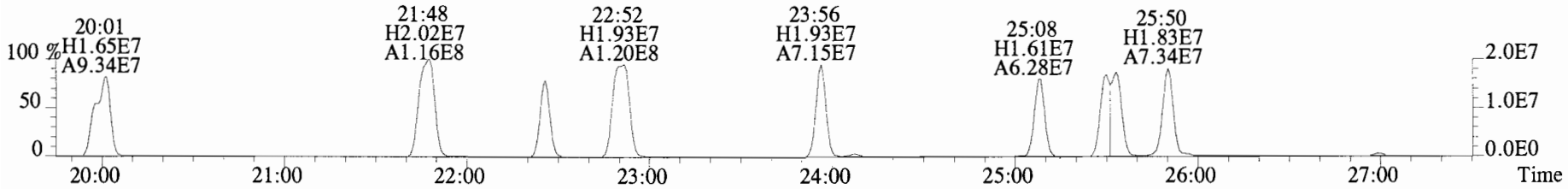


180.9880

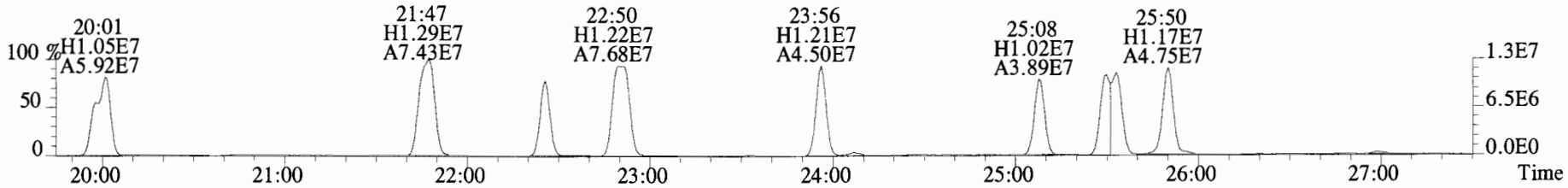


File:180118E2 #1-757 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1

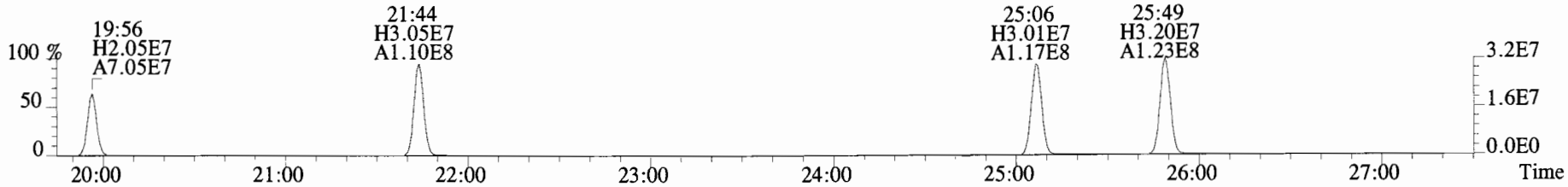
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5888.0,0.00%,F,F)



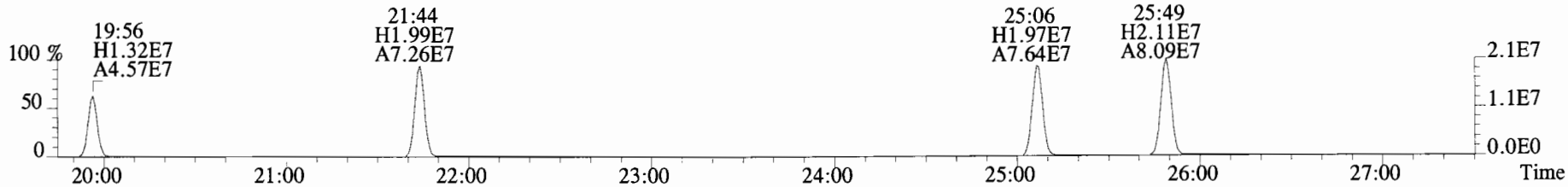
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59068.0,0.00%,F,F)



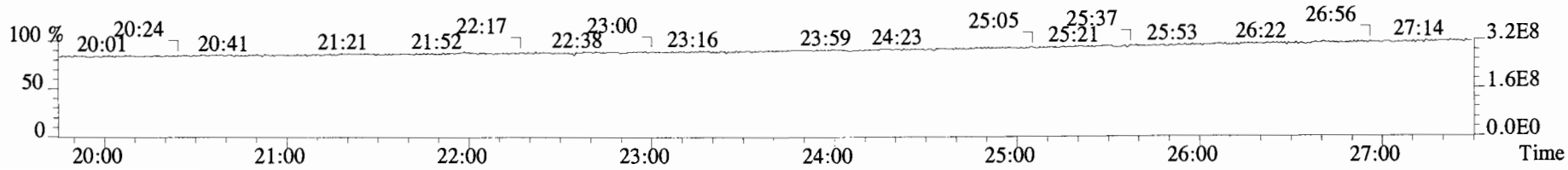
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5836.0,0.00%,F,F)



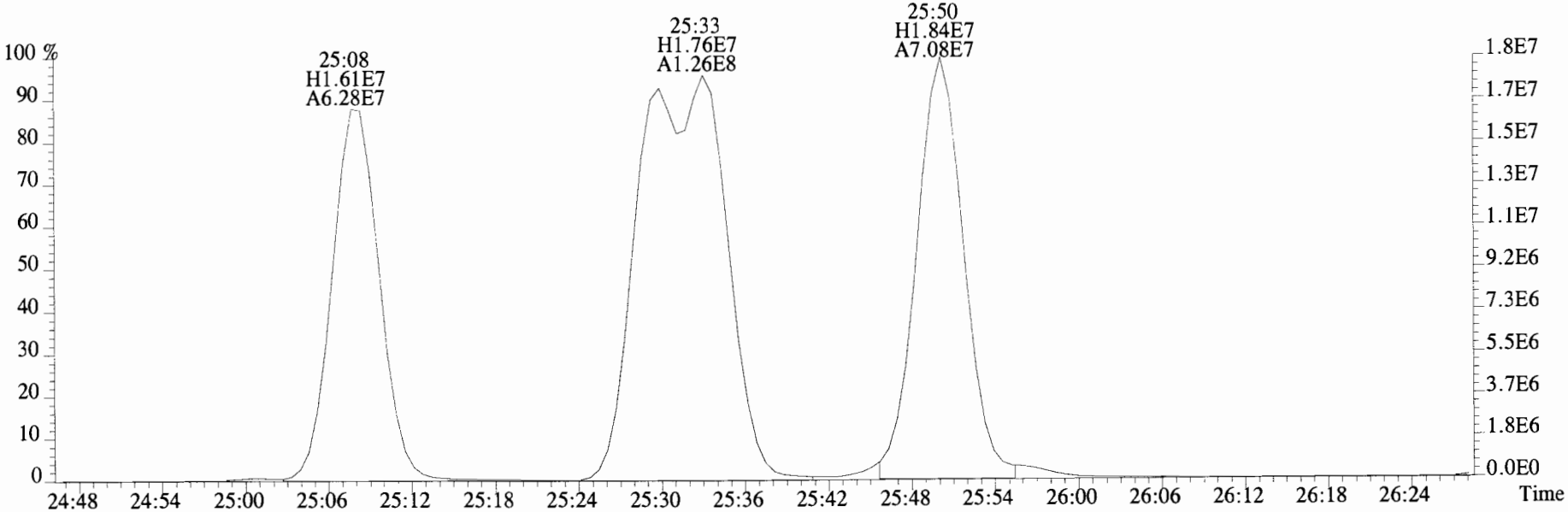
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5712.0,0.00%,F,F)



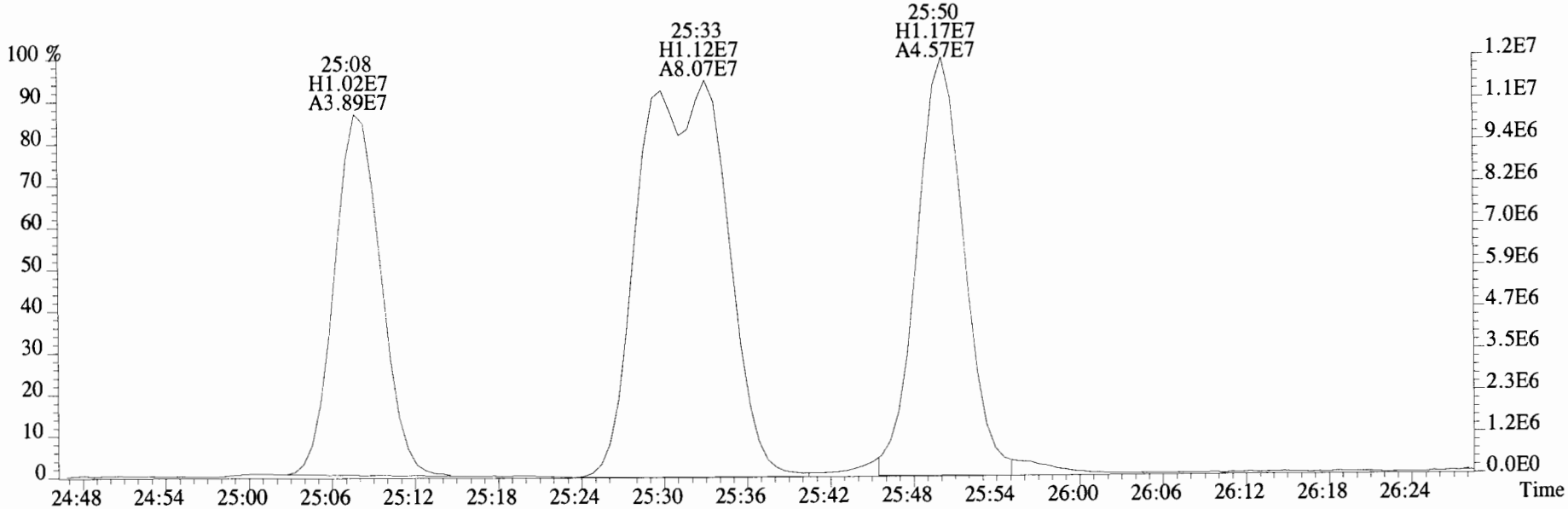
230.9856 F:2



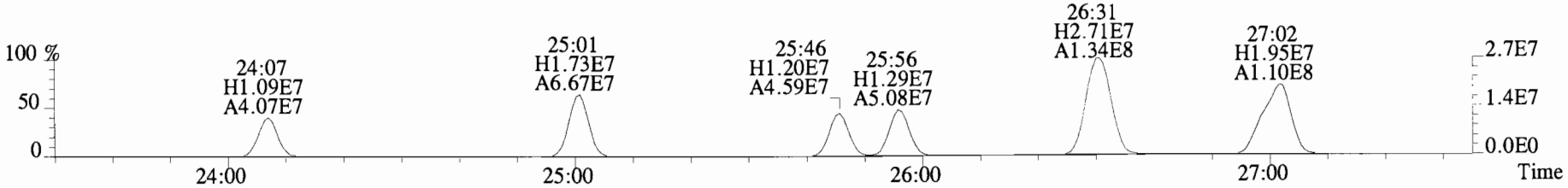
File:180118E2 #1-757 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5888.0,0.00%,F,F)



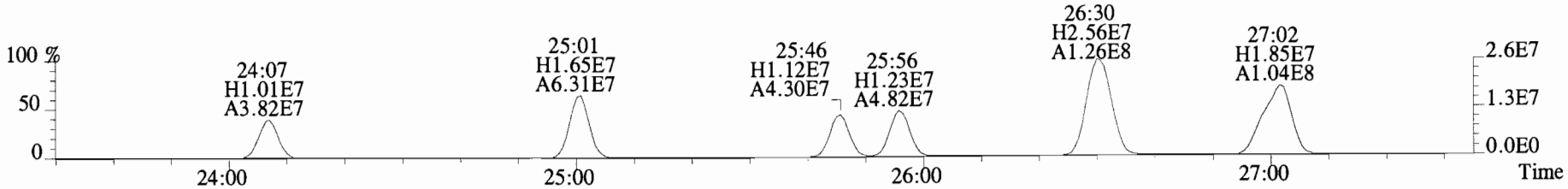
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59068.0,0.00%,F,F)



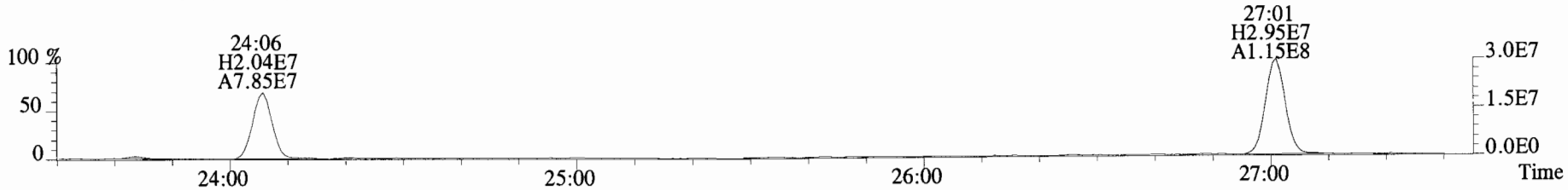
File:180118E2 #1-757 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6304.0,0.00%,F,F)



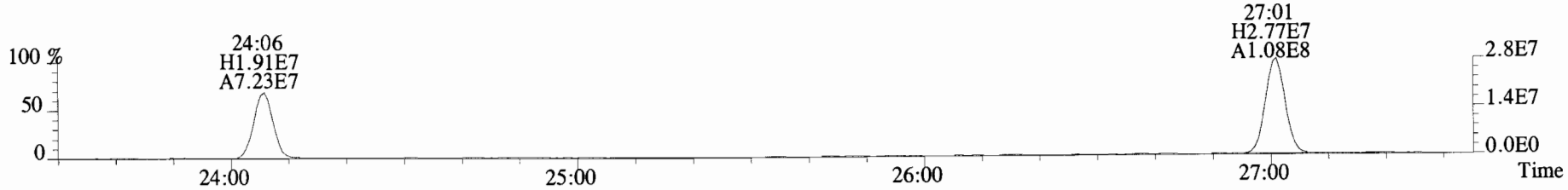
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4384.0,0.00%,F,F)



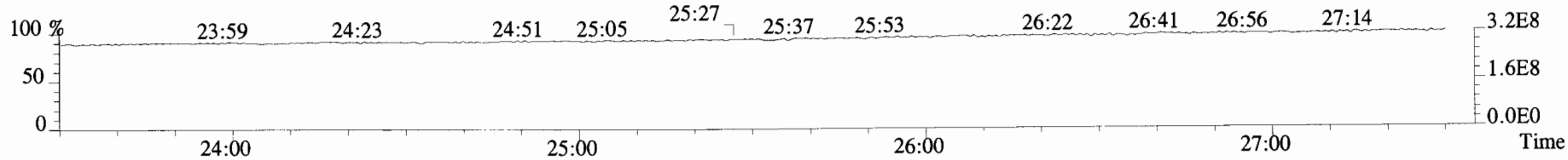
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,297000.0,0.00%,F,F)



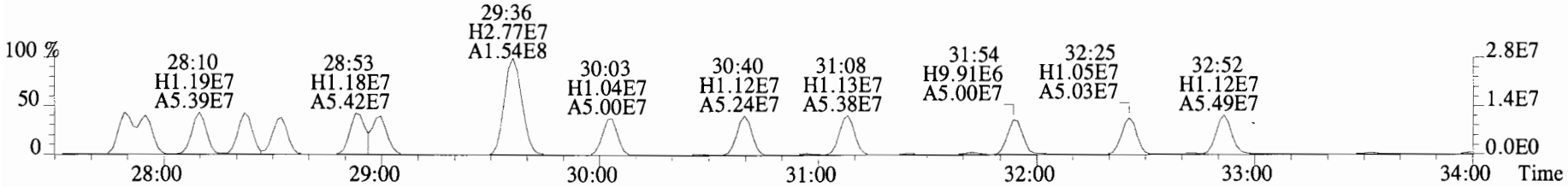
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,114888.0,0.00%,F,F)



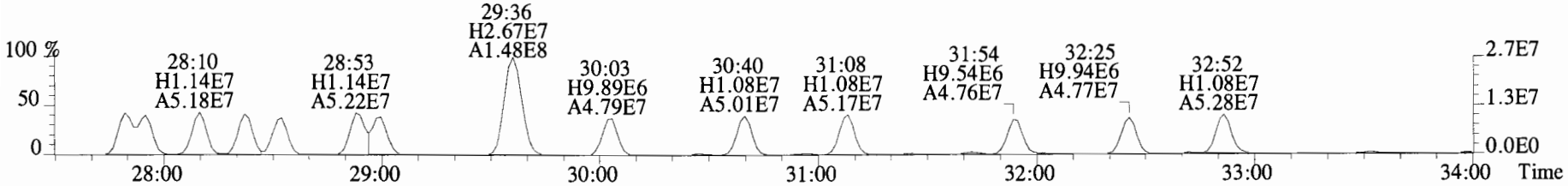
230.9856 F:2



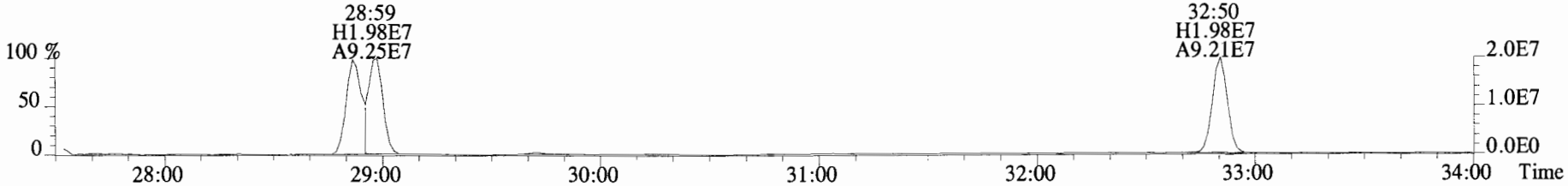
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9284.0,0.00%,F,F)



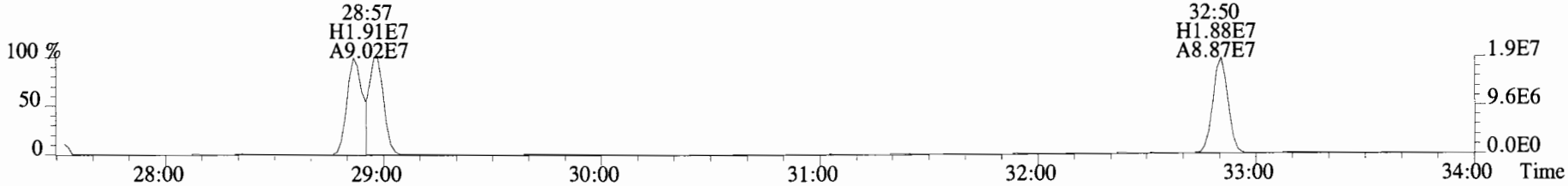
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



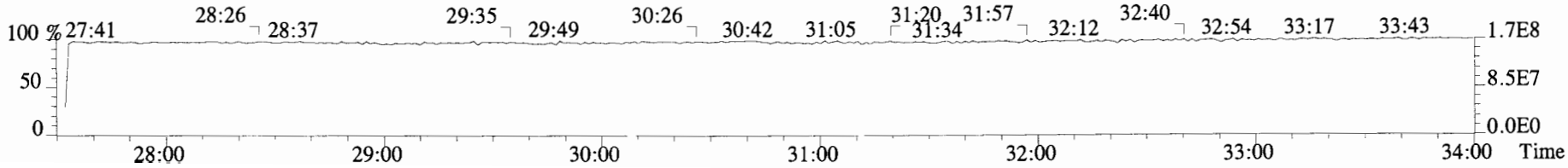
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,228324.0,0.00%,F,F)



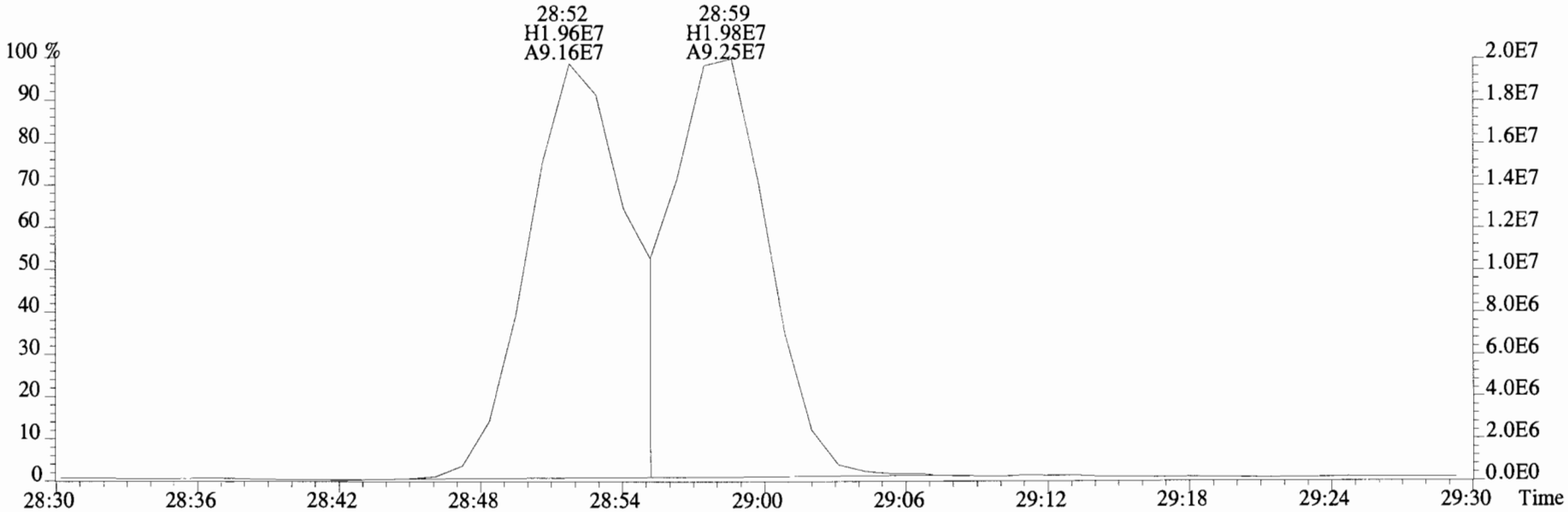
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49484.0,0.00%,F,F)



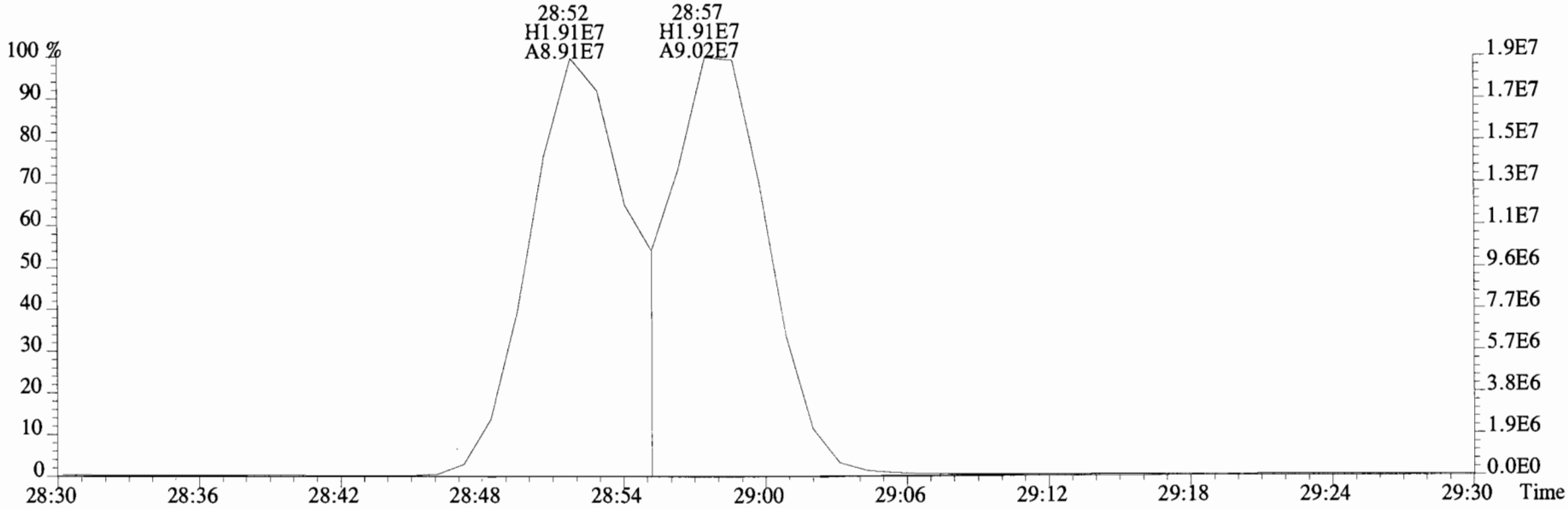
330.9792 F:3



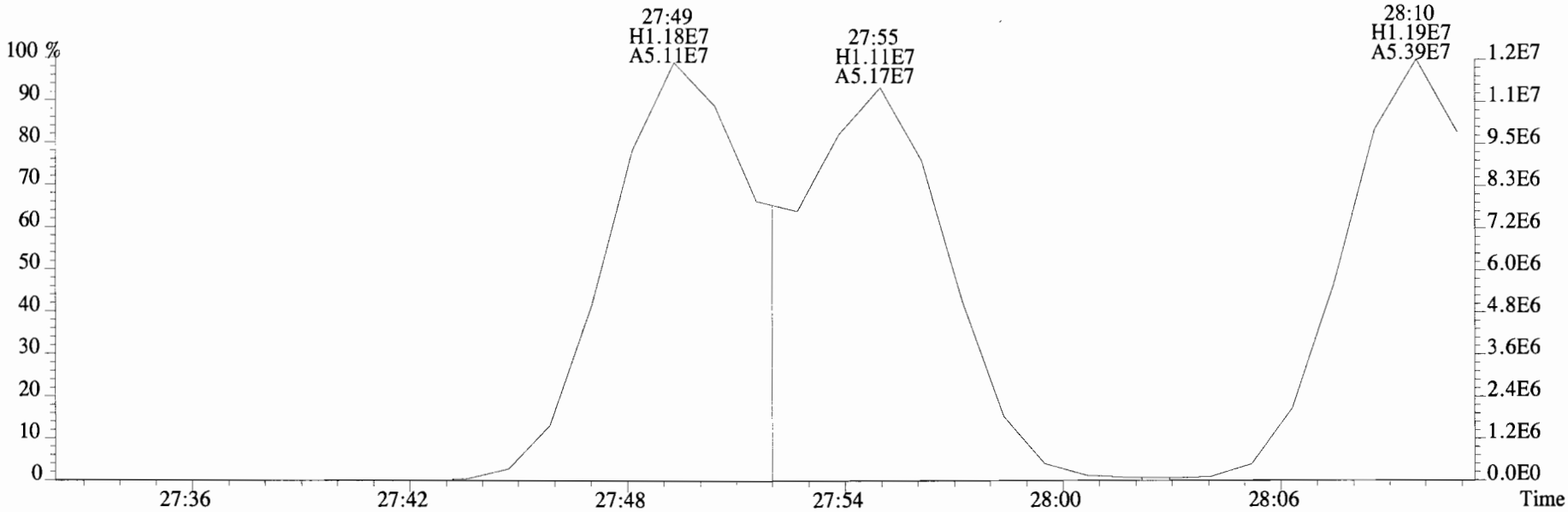
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,228324.0,0.00%,F,F)



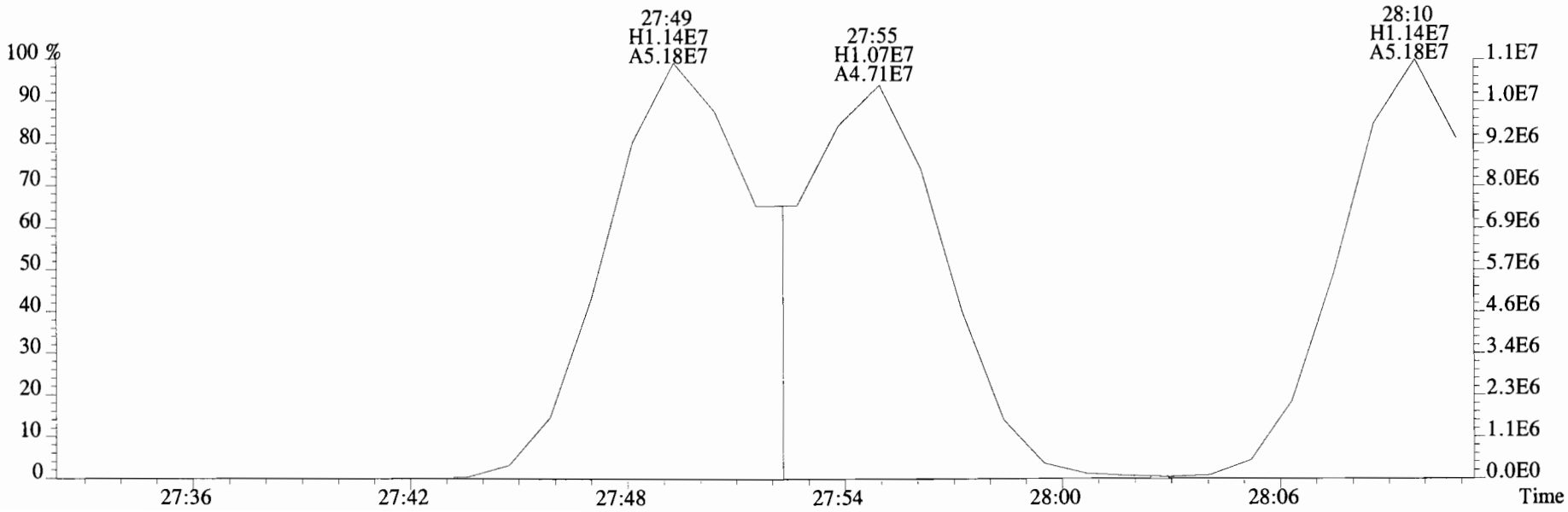
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49484.0,0.00%,F,F)



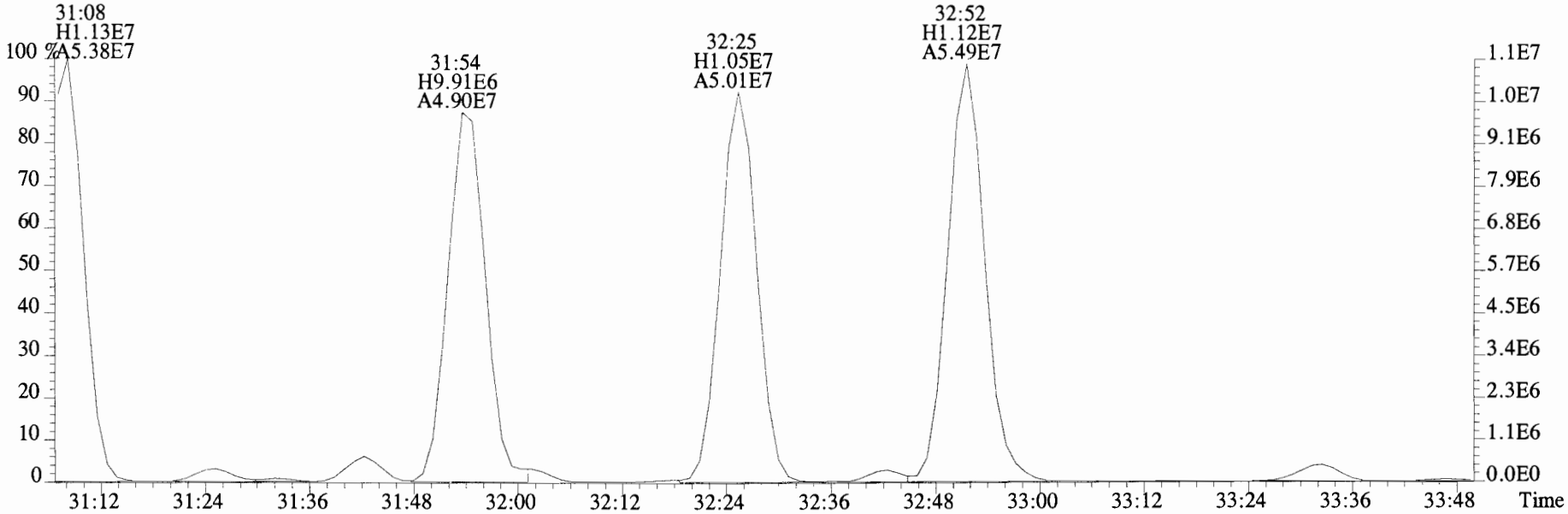
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9284.0,0.00%,F,F)



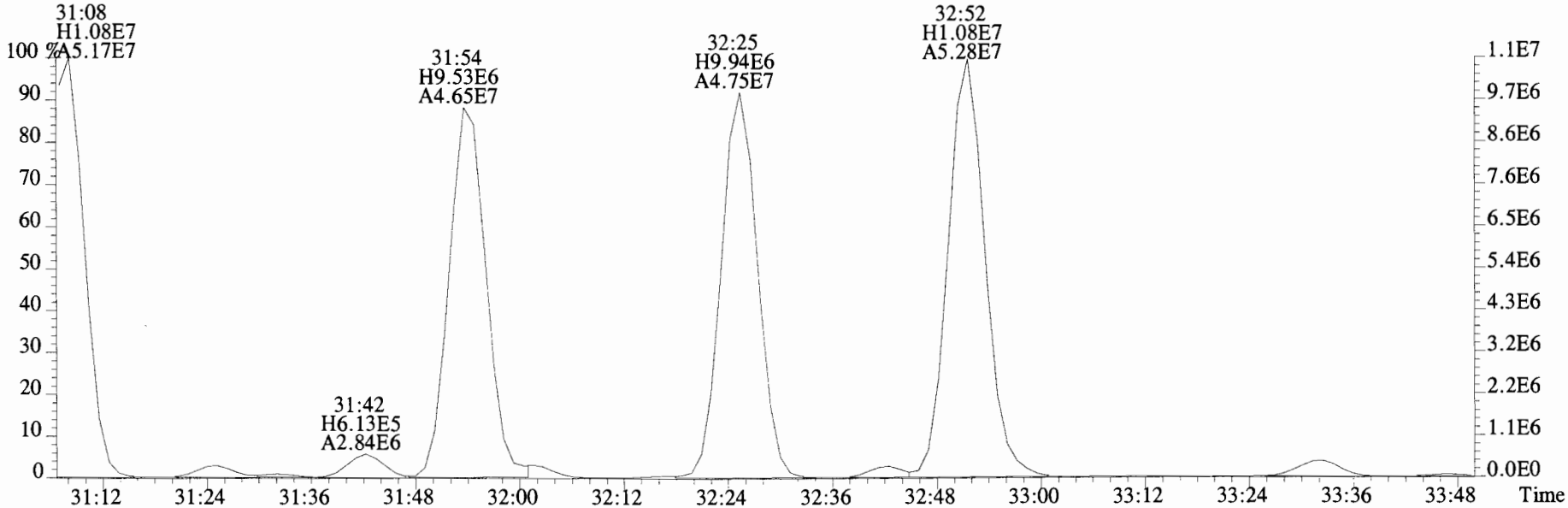
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



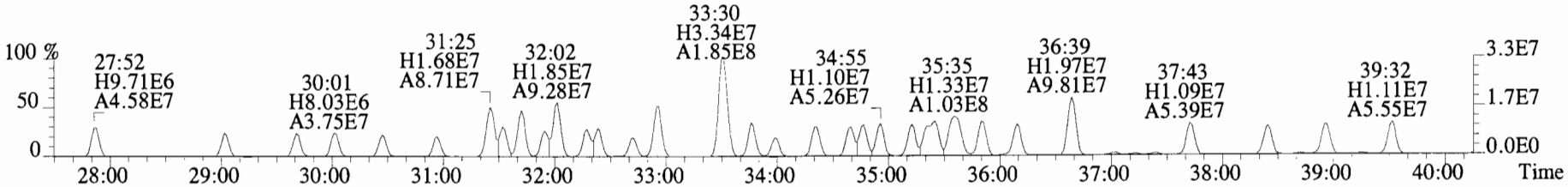
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9284.0,0.00%,F,F)



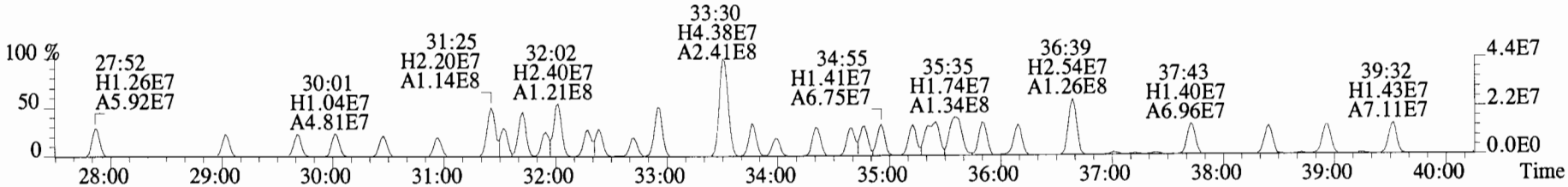
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8388.0,0.00%,F,F)



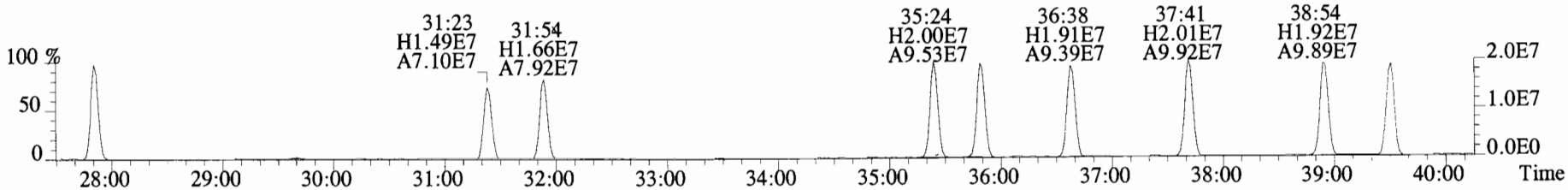
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16284.0,0.00%,F,F)



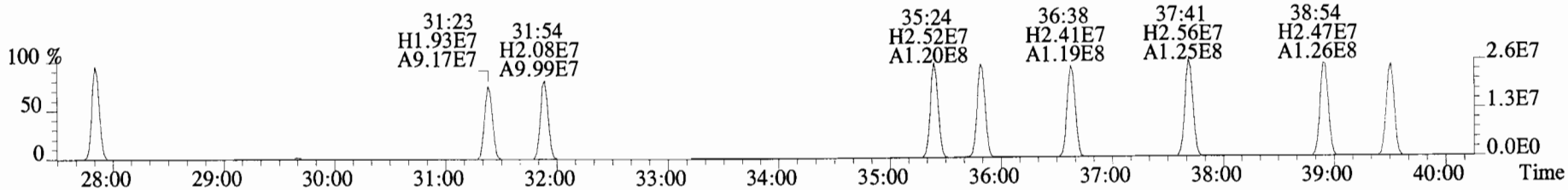
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16824.0,0.00%,F,F)



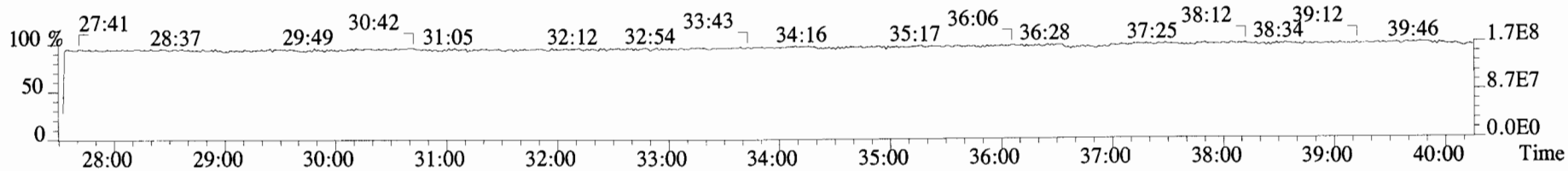
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74604.0,0.00%,F,F)



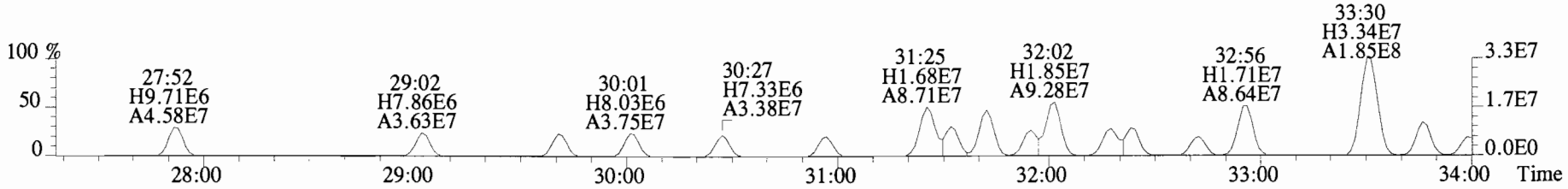
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33884.0,0.00%,F,F)



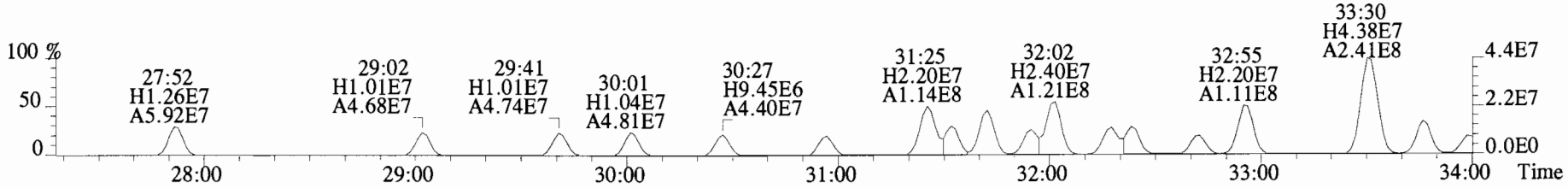
330.9792 F:3



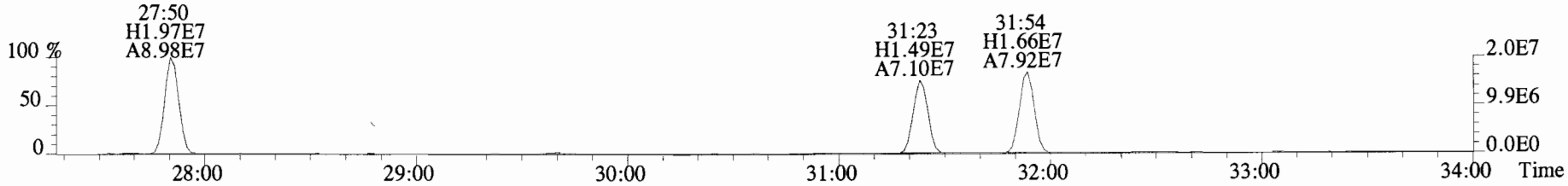
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16284.0,0.00%,F,F)



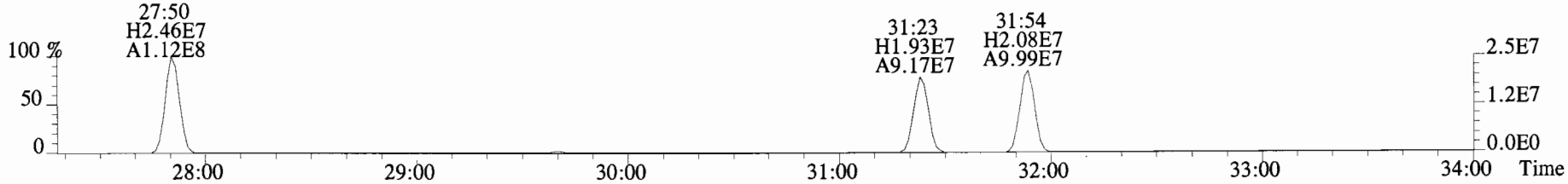
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16824.0,0.00%,F,F)



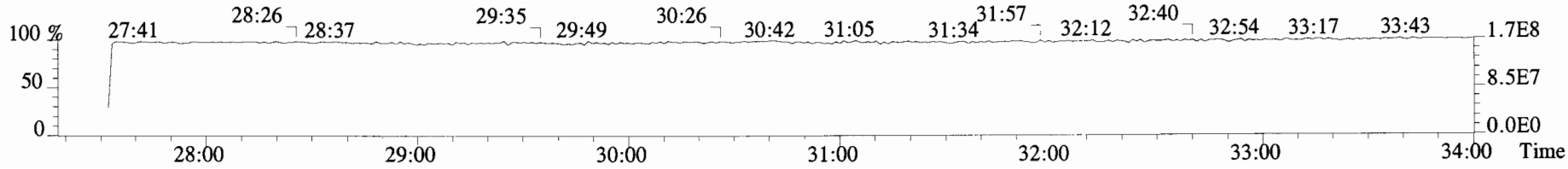
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74604.0,0.00%,F,F)



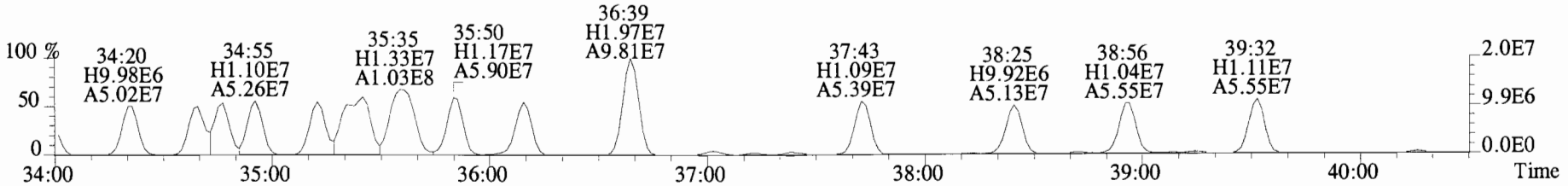
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33884.0,0.00%,F,F)



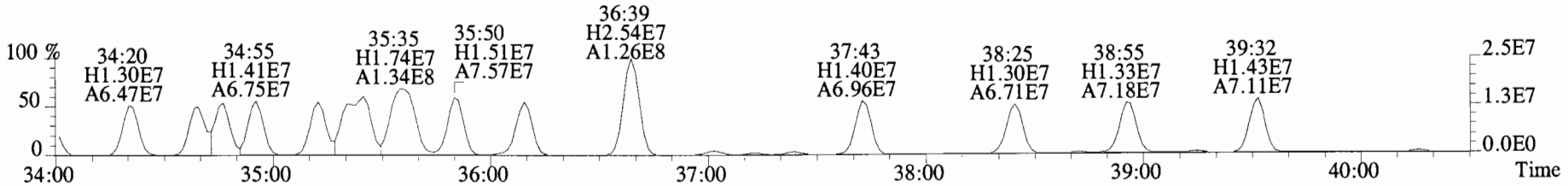
330.9792 F:3



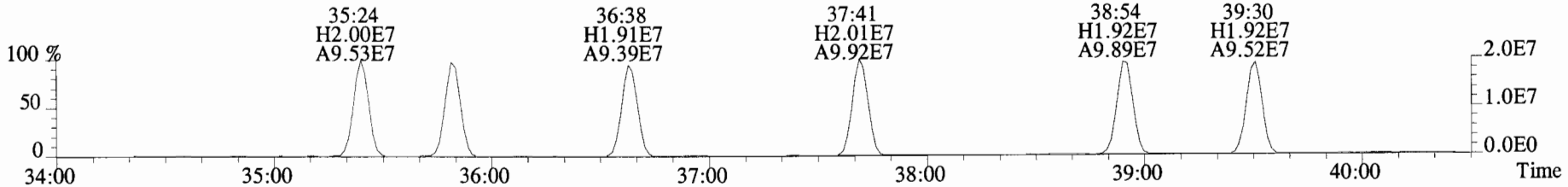
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16284.0,0.00%,F,F)



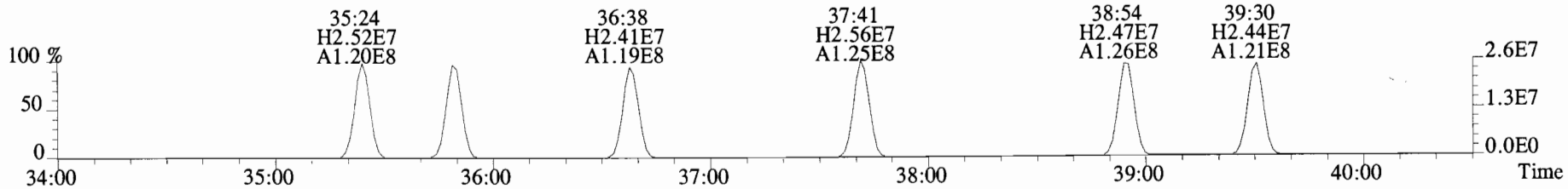
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16824.0,0.00%,F,F)



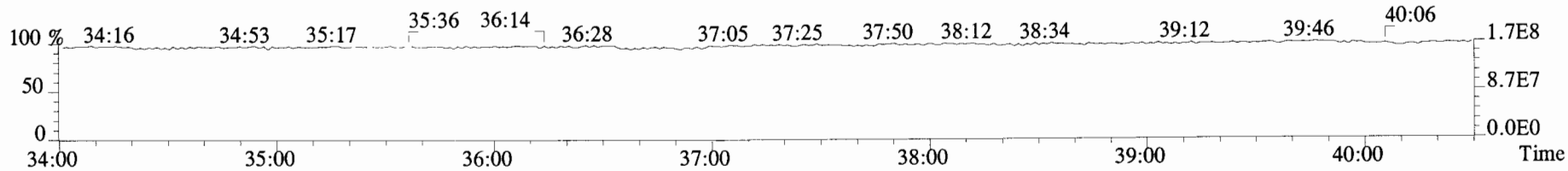
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74604.0,0.00%,F,F)



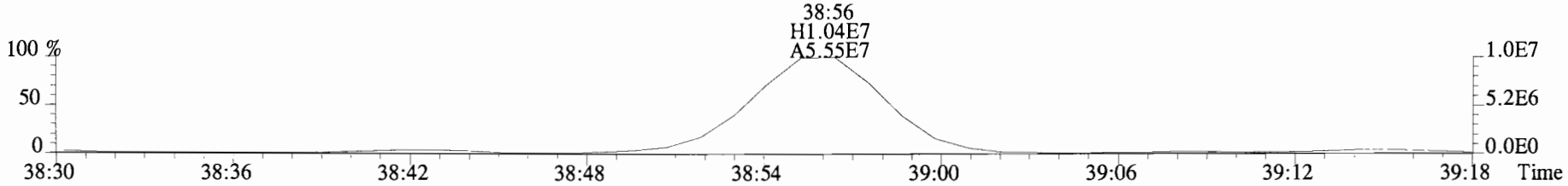
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33884.0,0.00%,F,F)



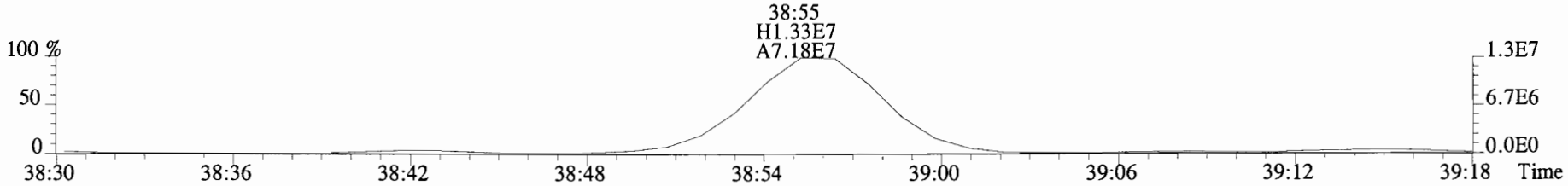
330.9792 F:3



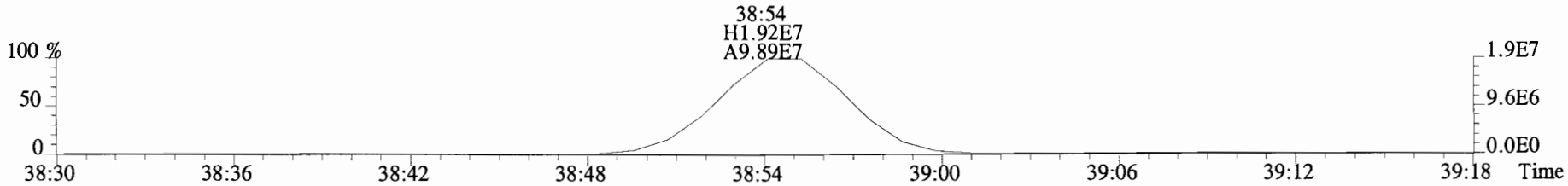
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16284.0,0.00%,F,F)



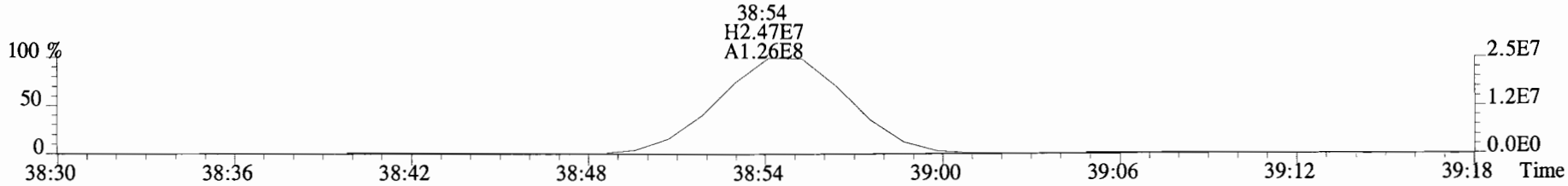
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16824.0,0.00%,F,F)



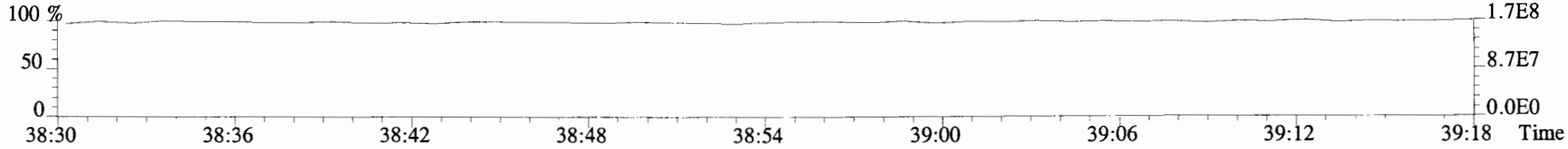
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74604.0,0.00%,F,F)



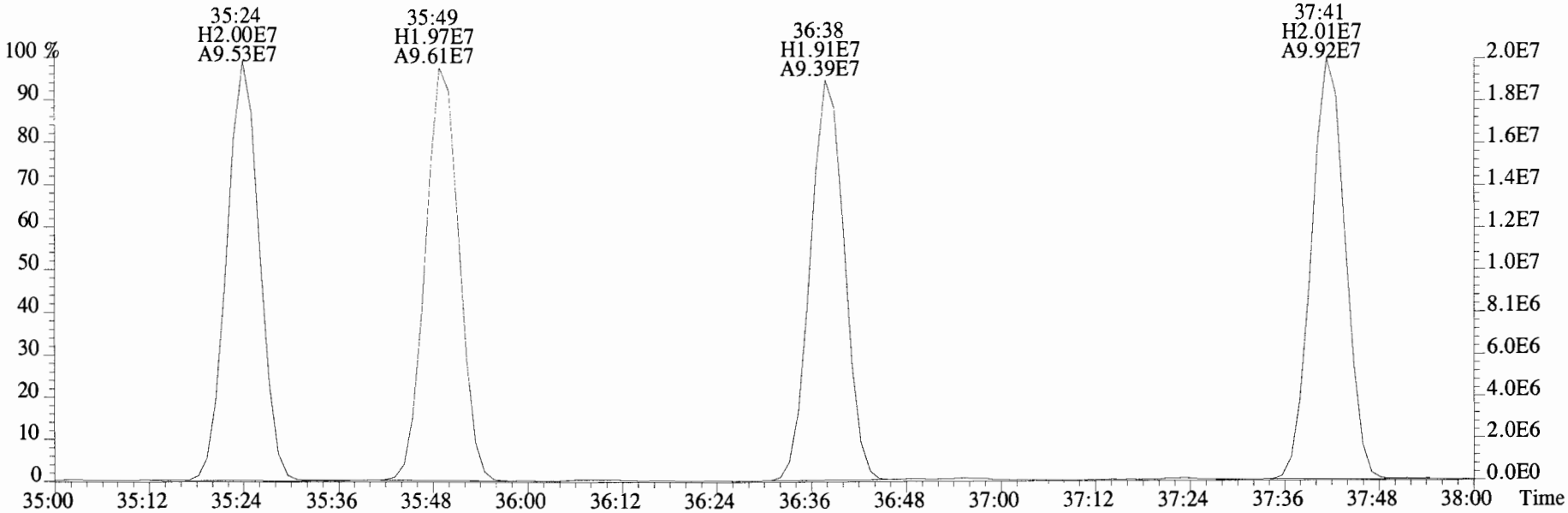
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33884.0,0.00%,F,F)



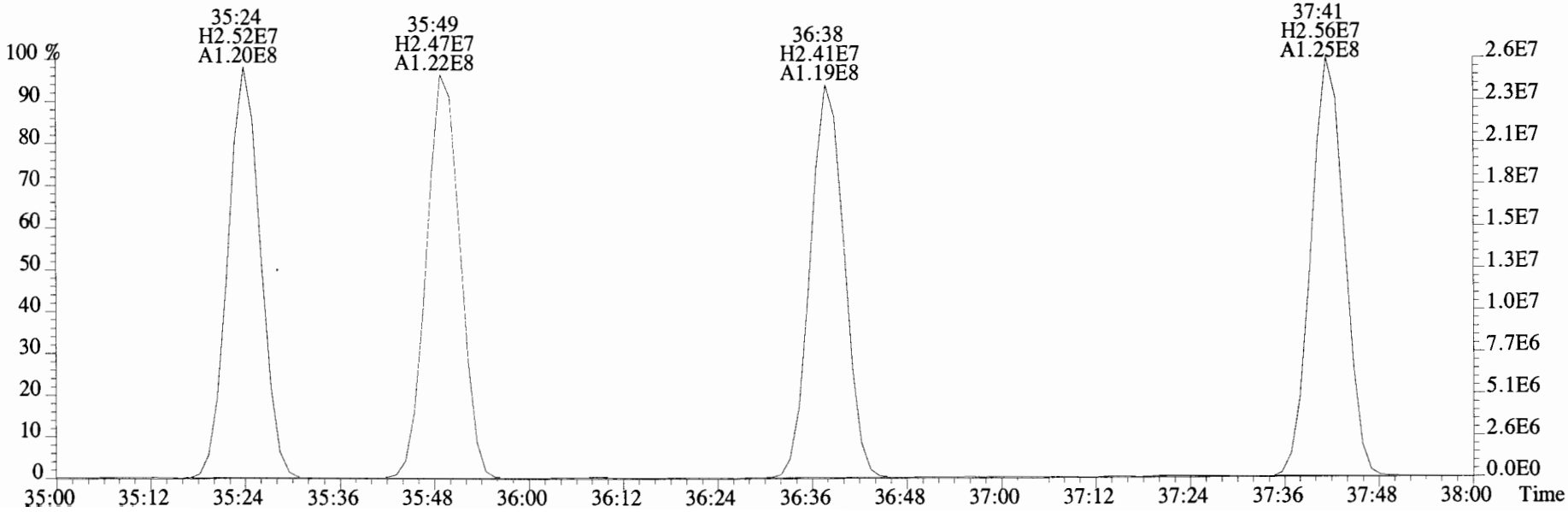
330.9792 F:3



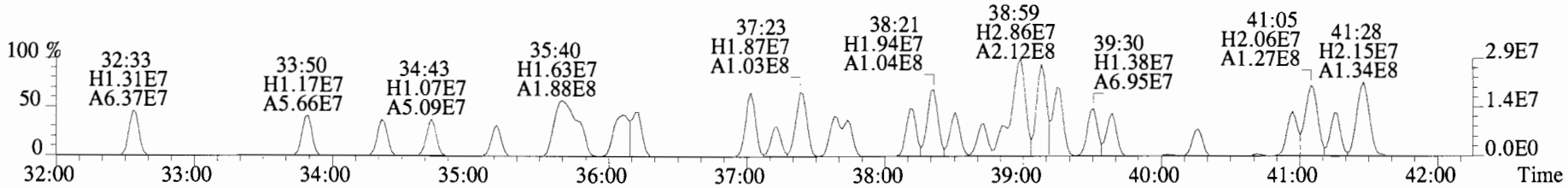
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74604.0,0.00%,F,F)



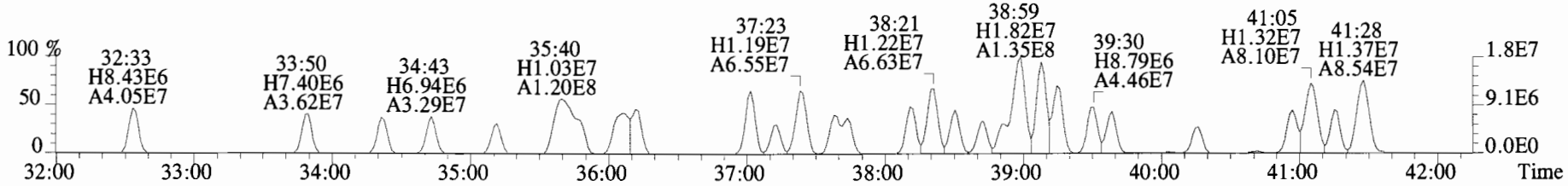
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33884.0,0.00%,F,F)



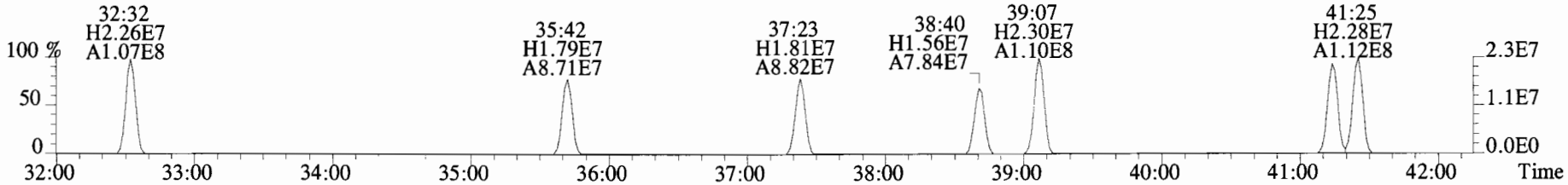
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



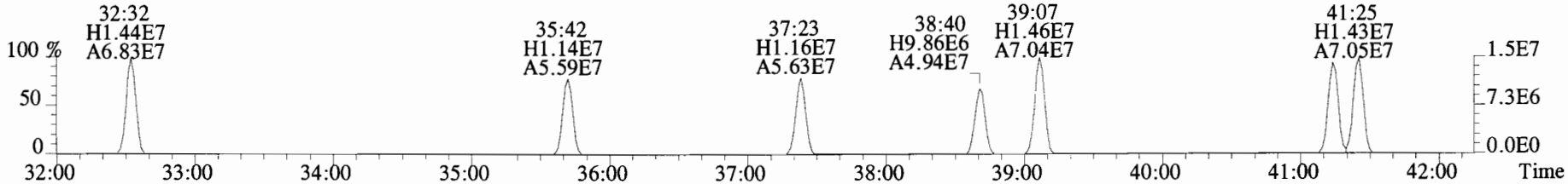
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



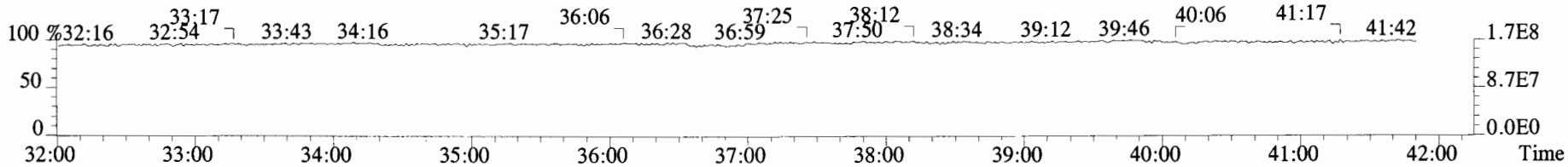
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6928.0,0.00%,F,F)



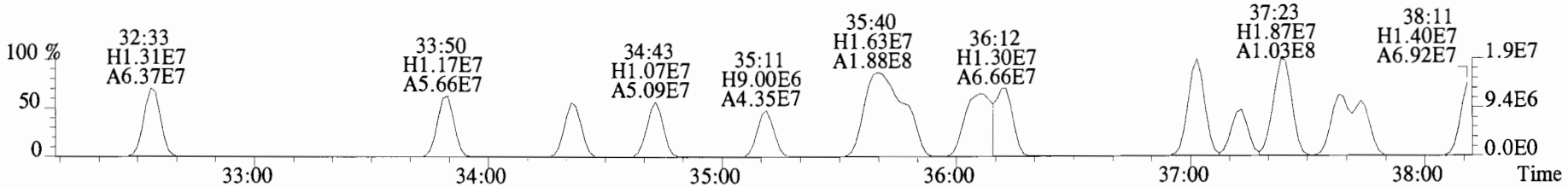
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4512.0,0.00%,F,F)



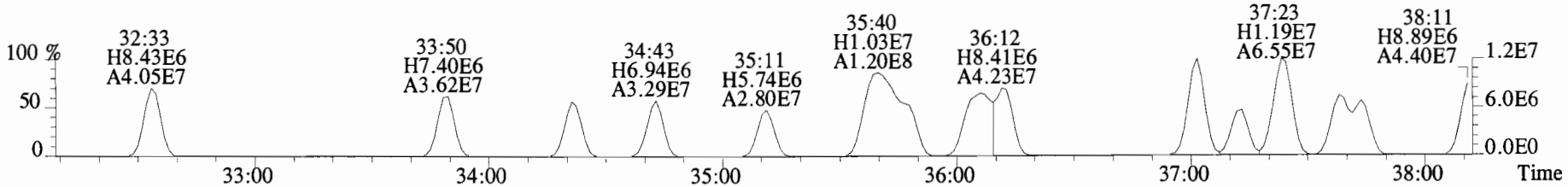
330.9792 F:3



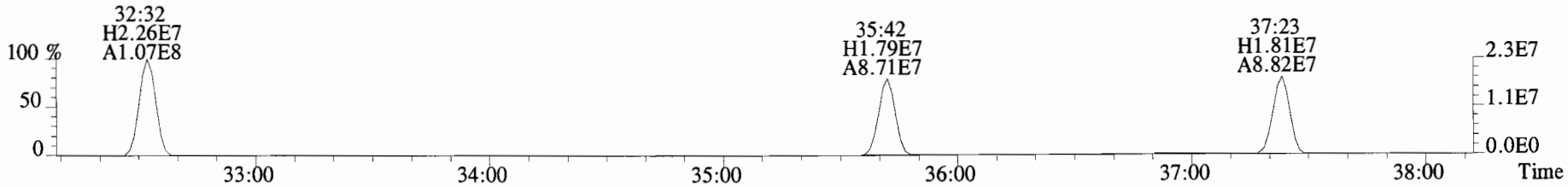
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



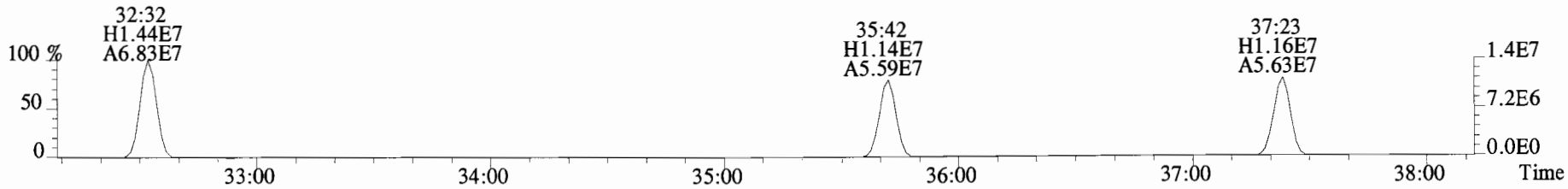
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



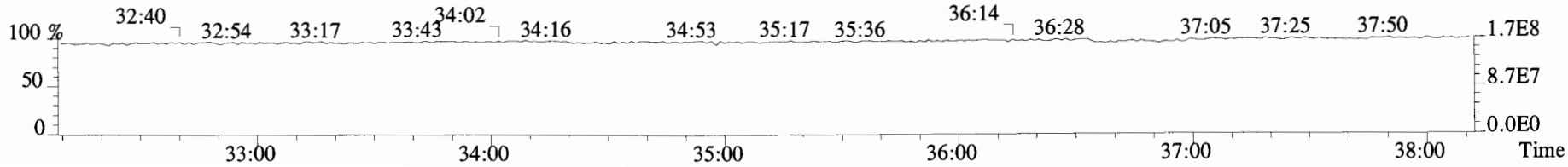
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6928.0,0.00%,F,F)



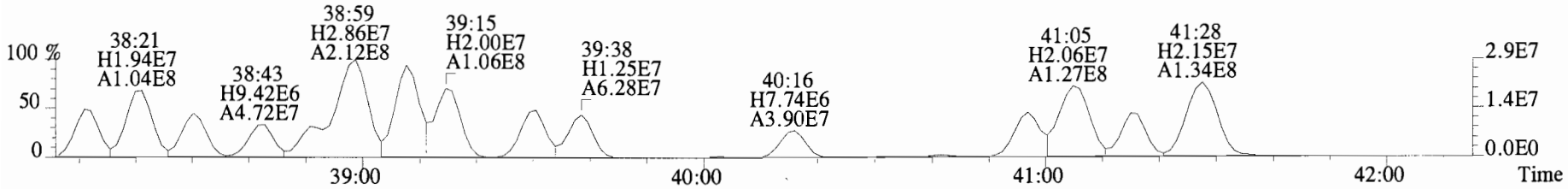
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4512.0,0.00%,F,F)



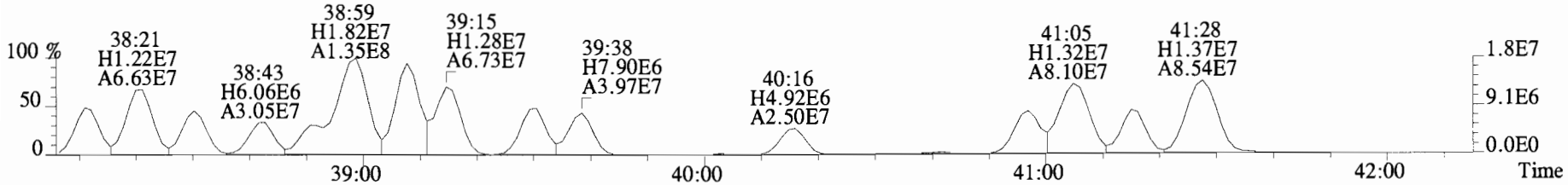
330.9792 F:3



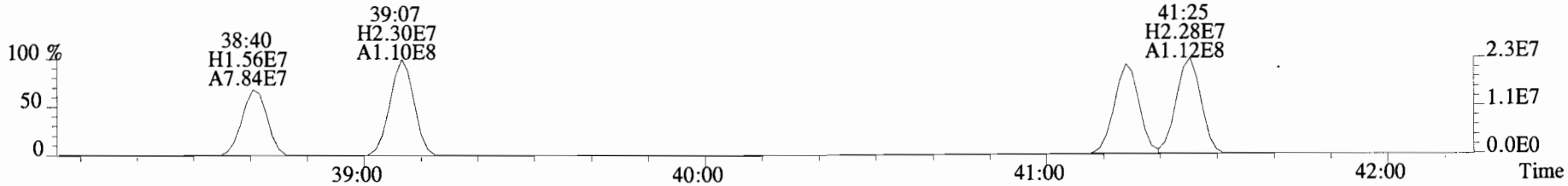
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



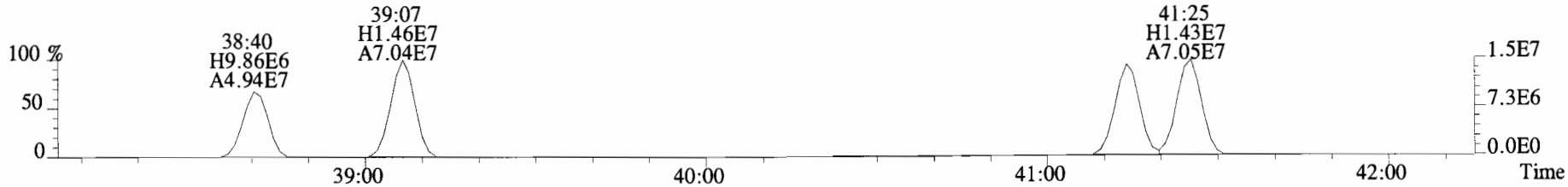
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



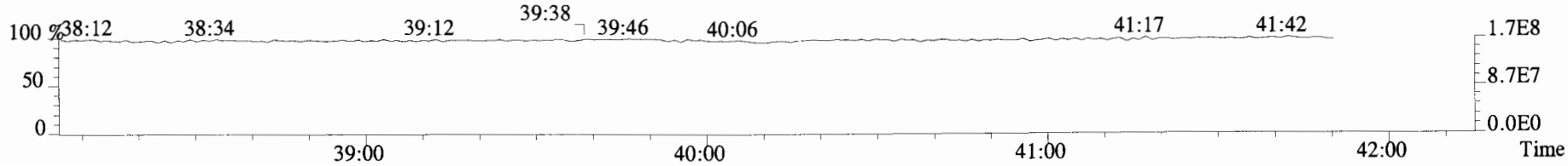
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6928.0,0.00%,F,F)



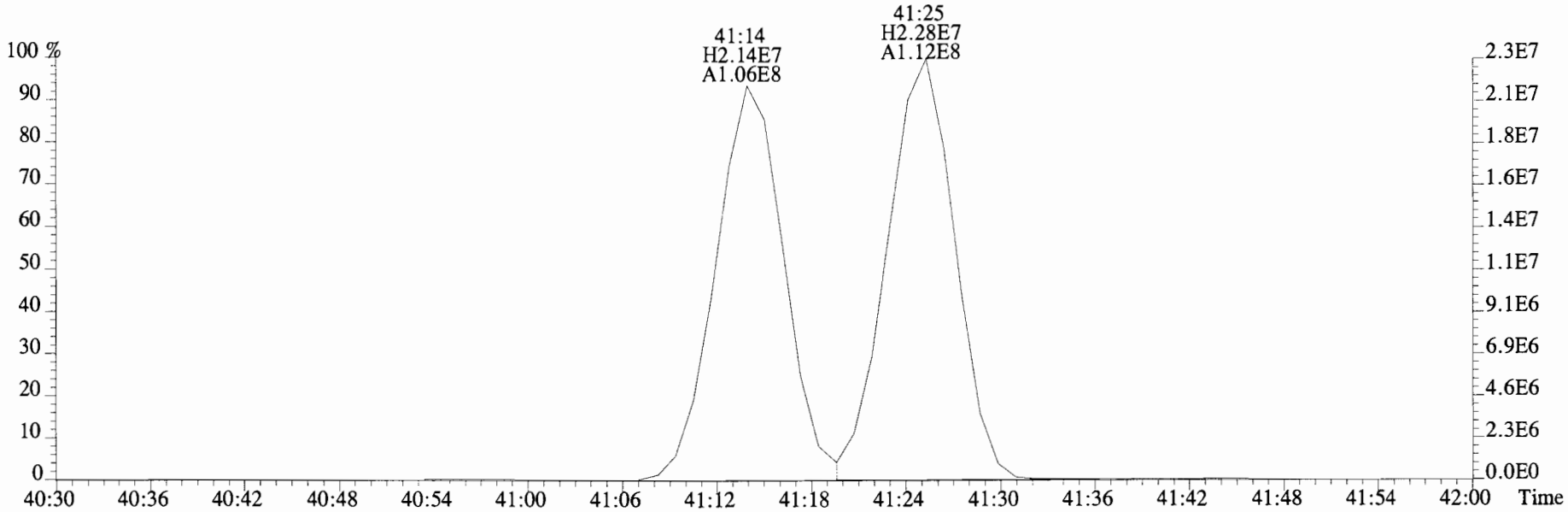
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4512.0,0.00%,F,F)



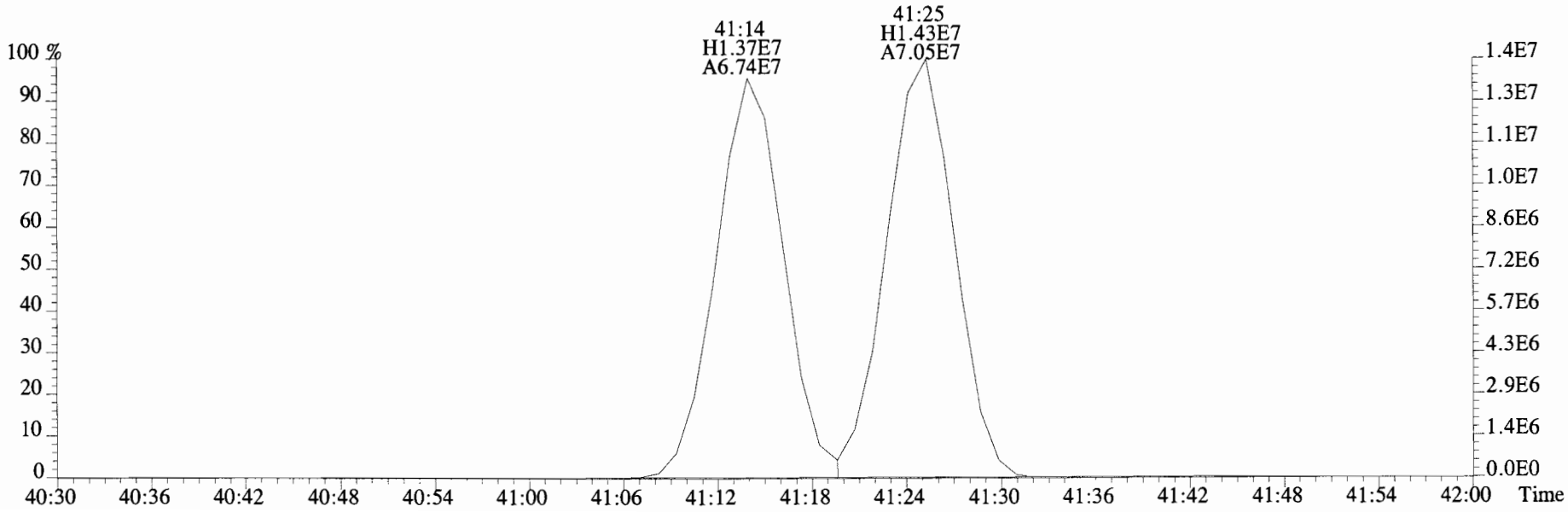
330.9792 F:3



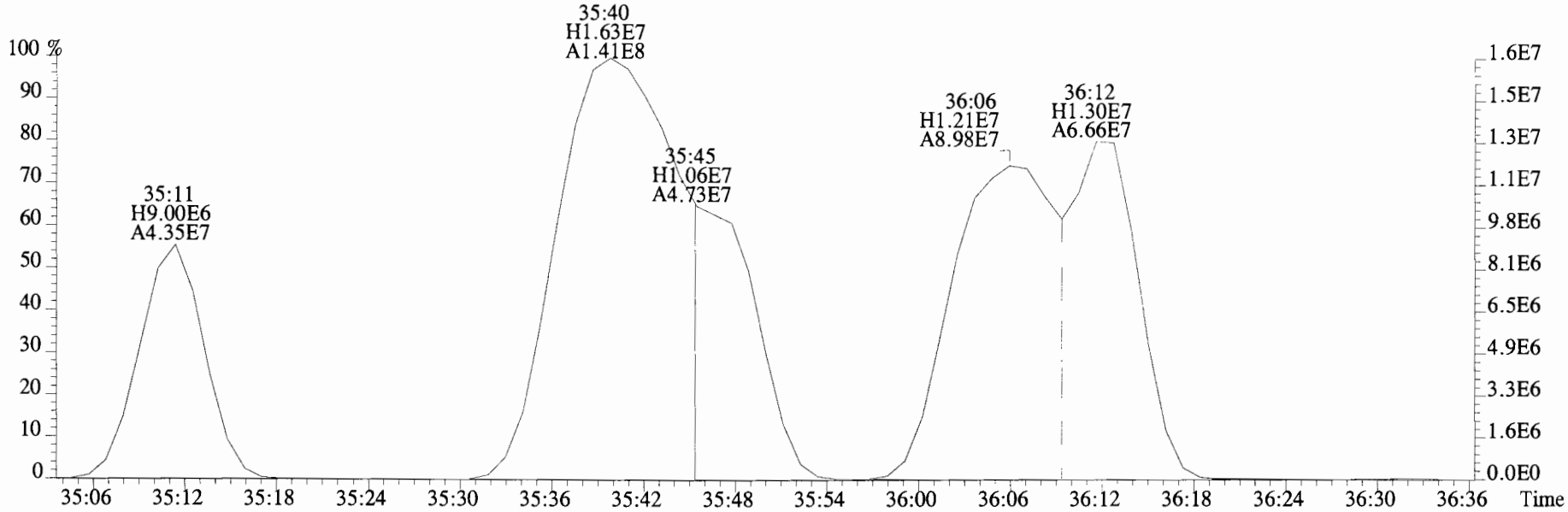
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6928.0,0.00%,F,F)



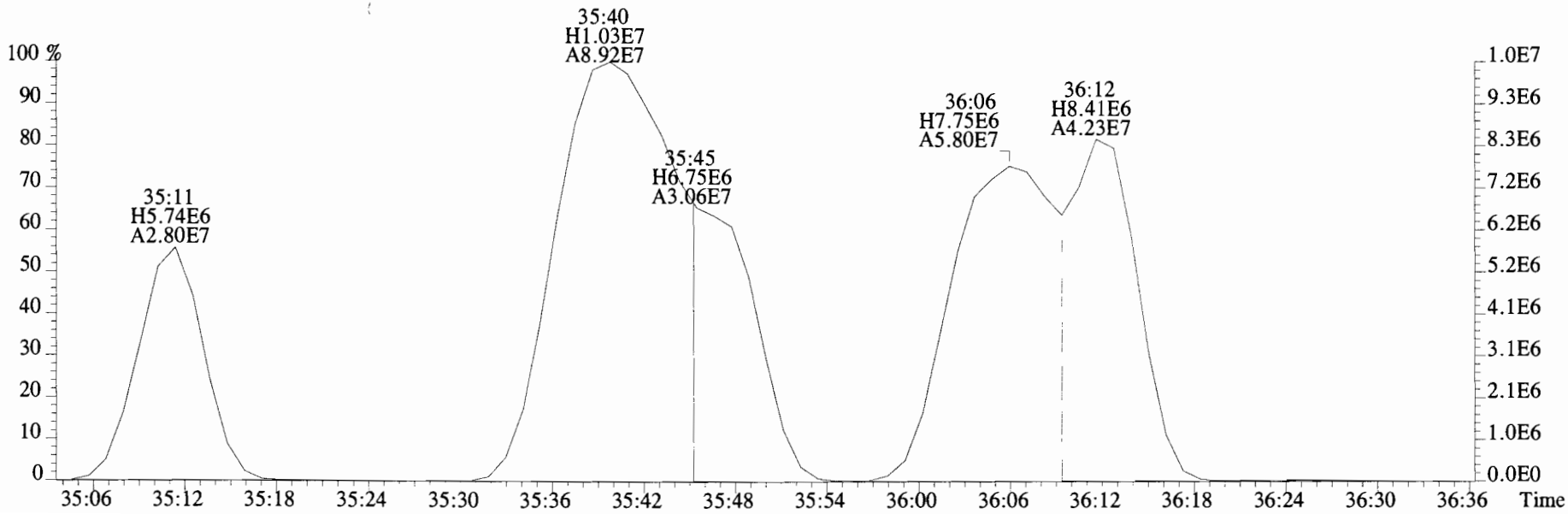
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4512.0,0.00%,F,F)



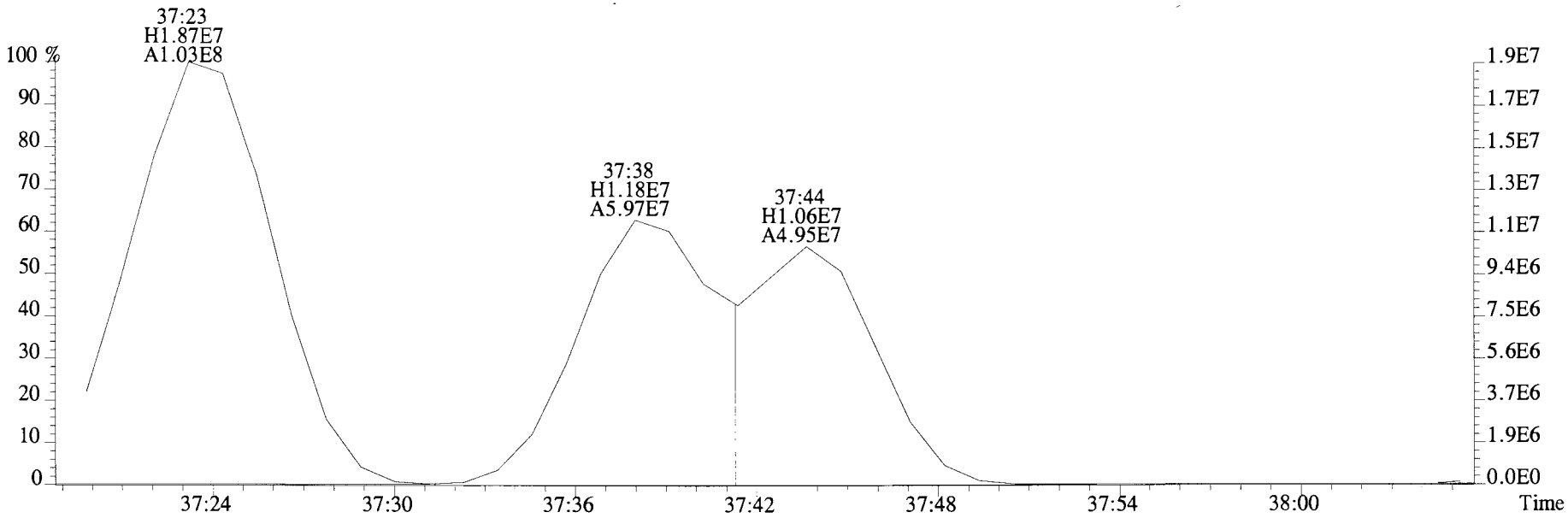
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



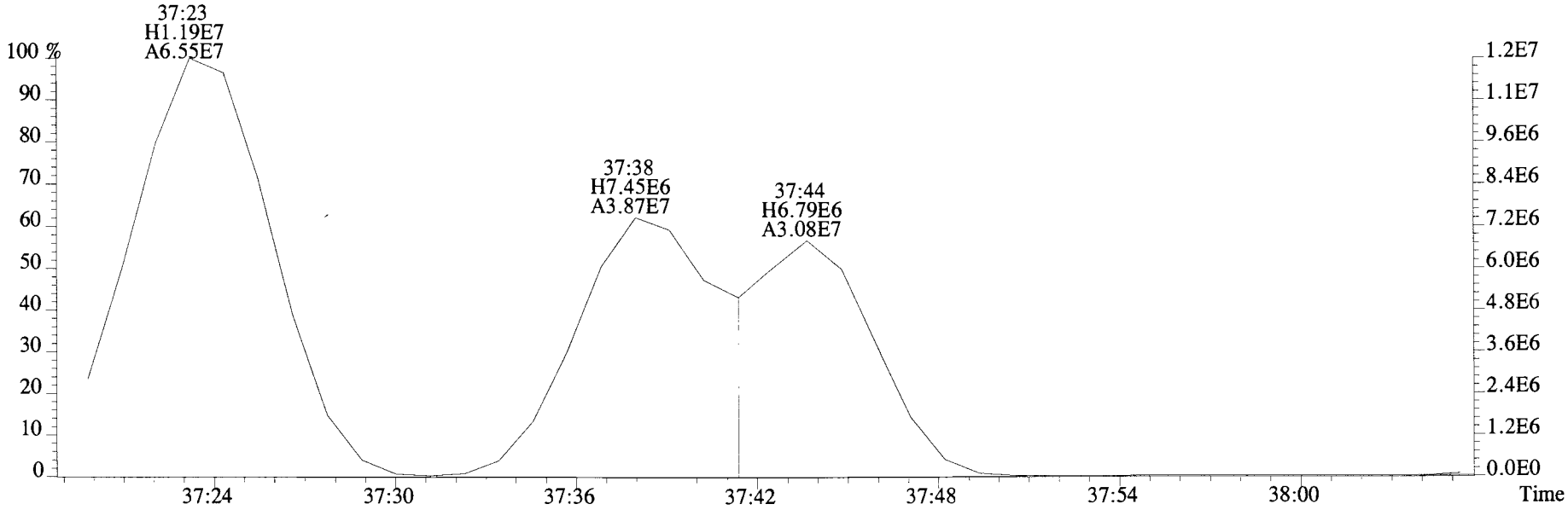
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



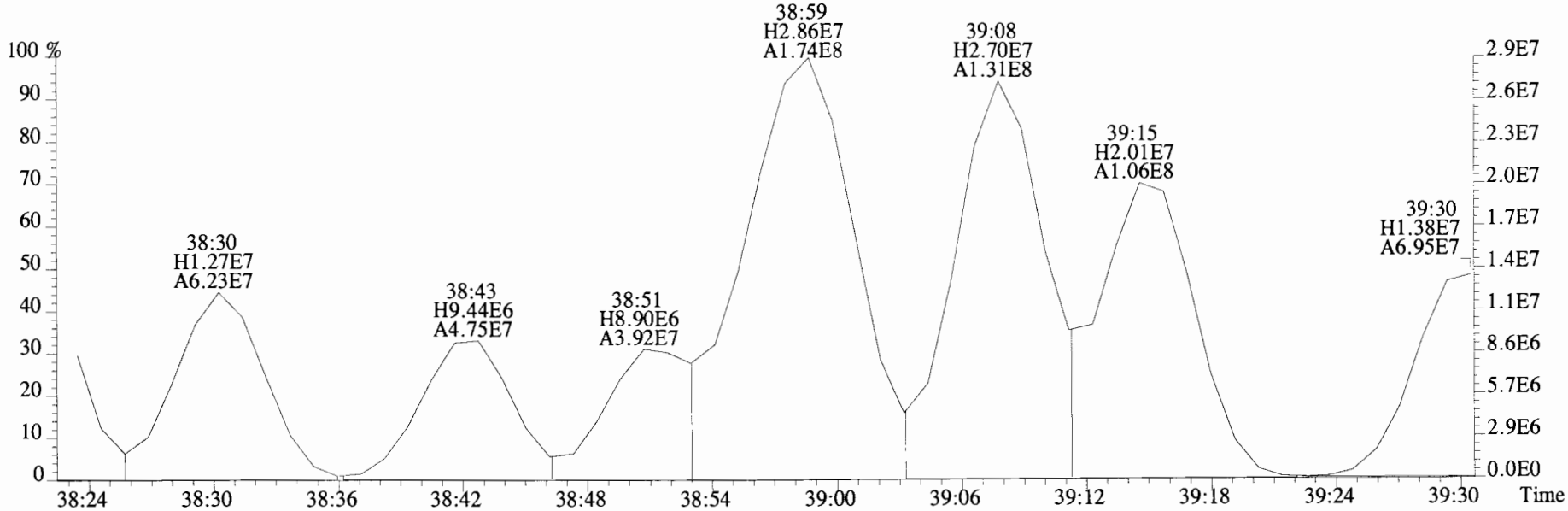
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0)



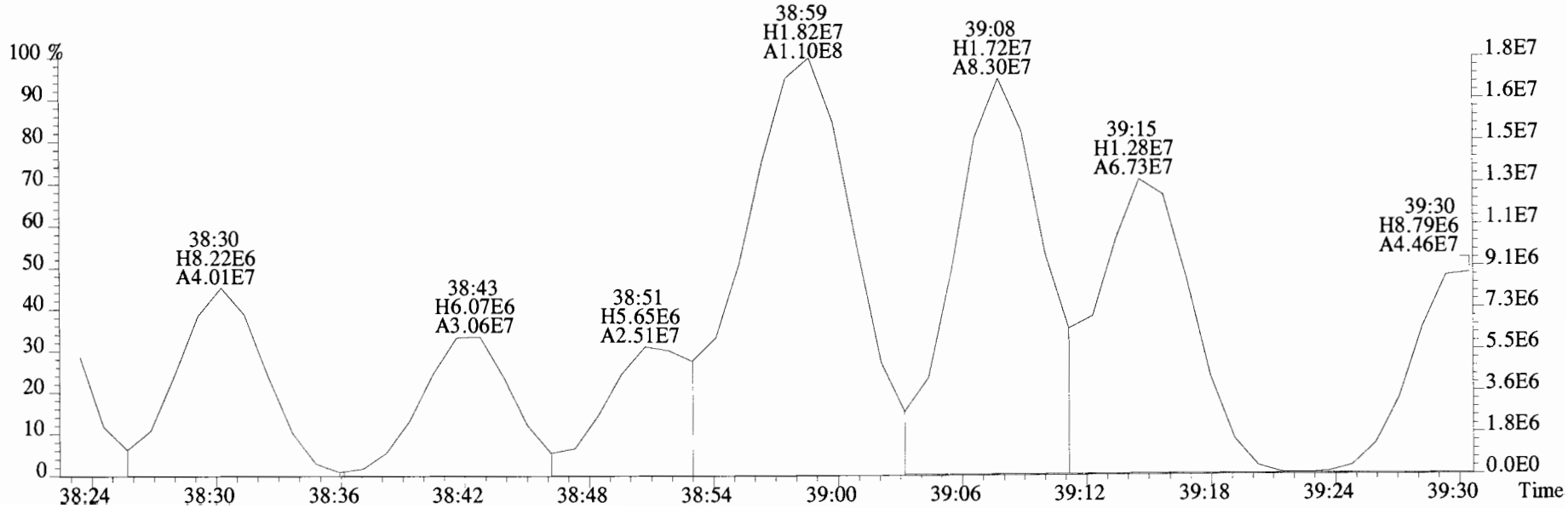
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0)



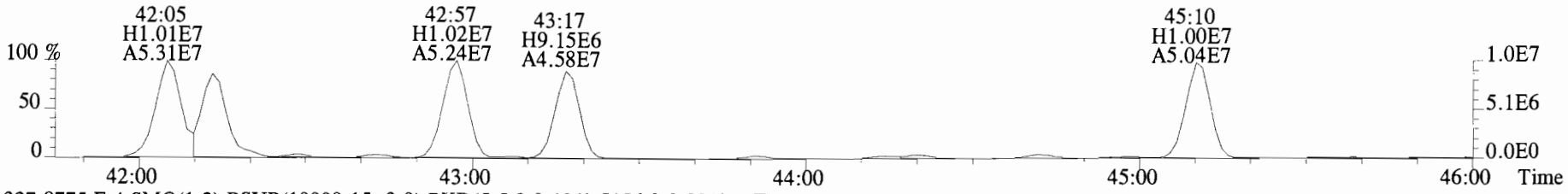
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3464.0,0.00%,F,F)



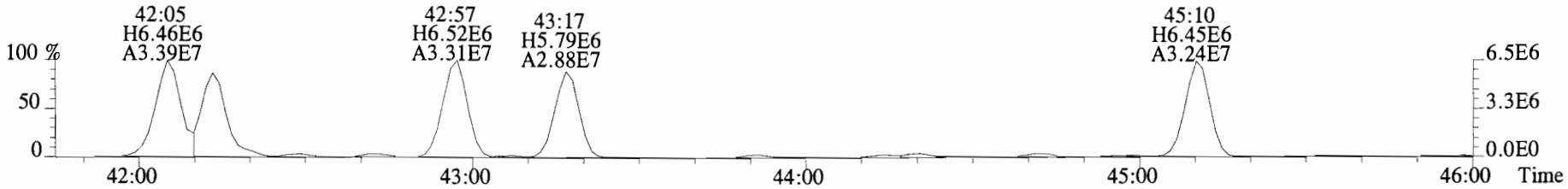
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4524.0,0.00%,F,F)



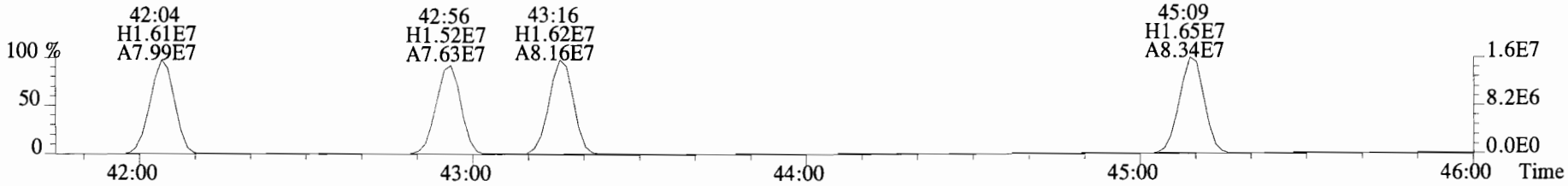
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7660.0,0.00%,F,F)



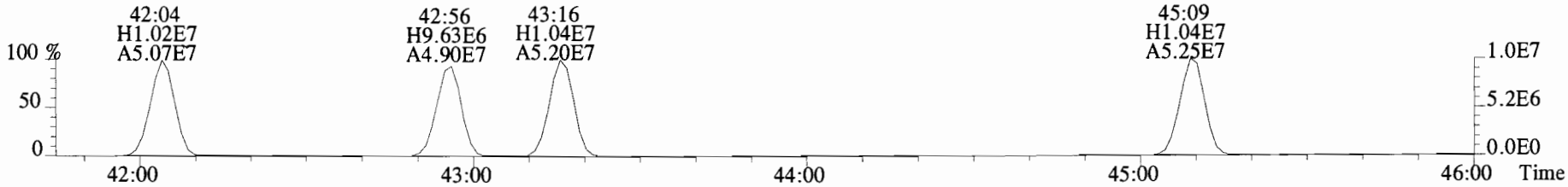
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5156.0,0.00%,F,F)



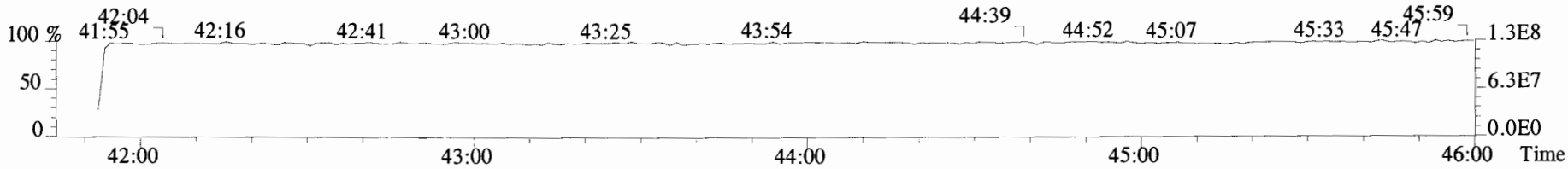
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10452.0,0.00%,F,F)



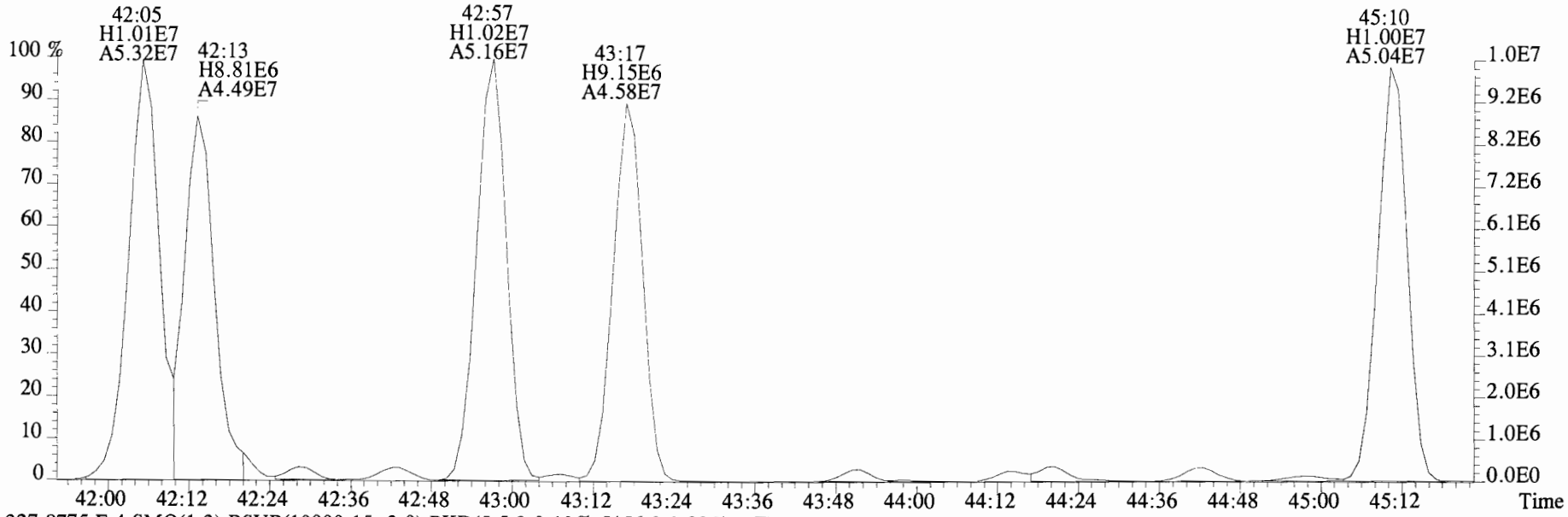
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5184.0,0.00%,F,F)



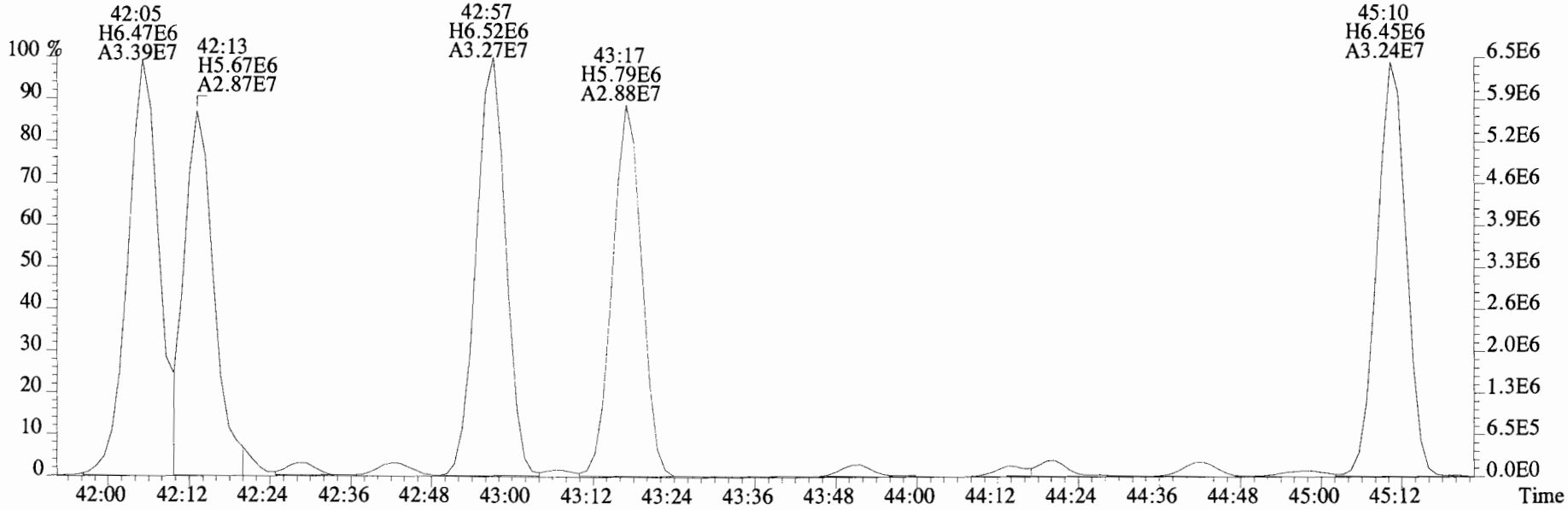
380.9760 F:4



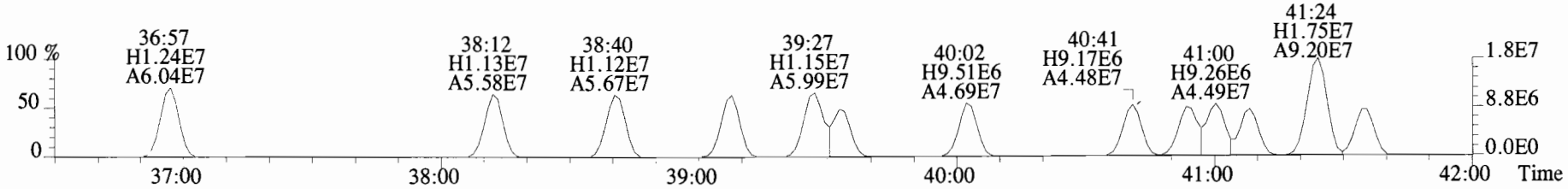
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7660.0,0.00%,F,F)



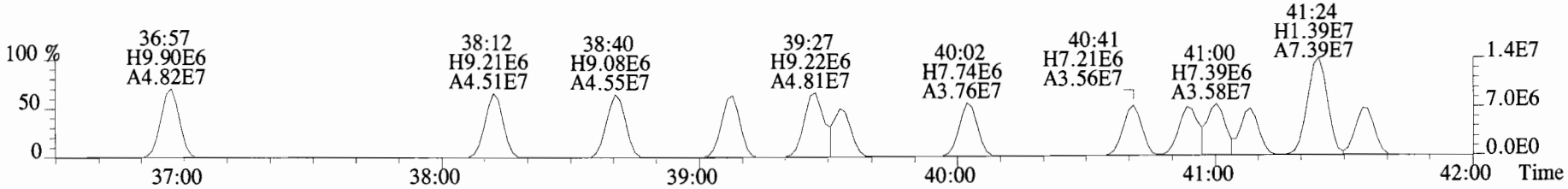
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5156.0,0.00%,F,F)



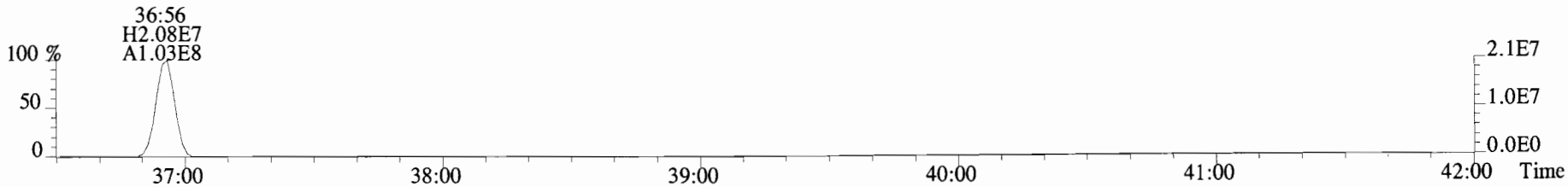
File:180118E2 #1-756 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4064.0,0.00%,F,F)



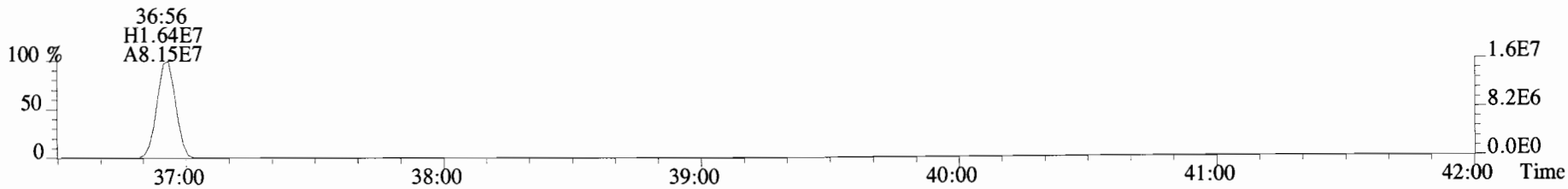
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3352.0,0.00%,F,F)



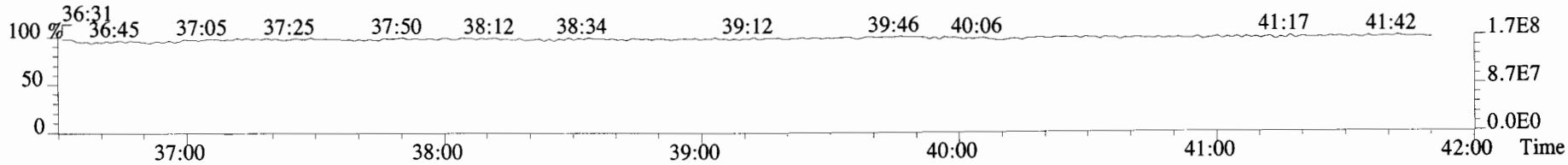
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



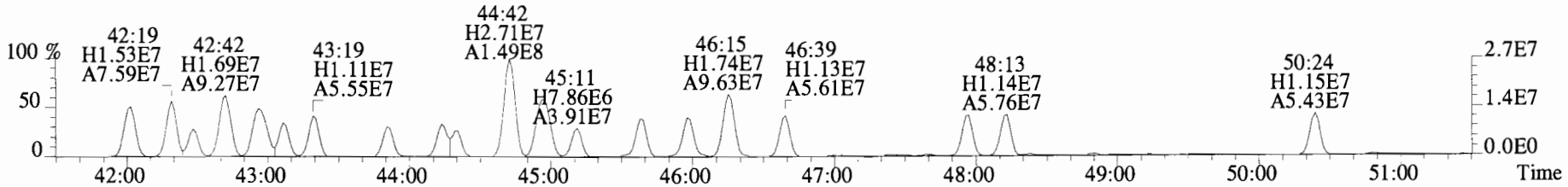
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2964.0,0.00%,F,F)



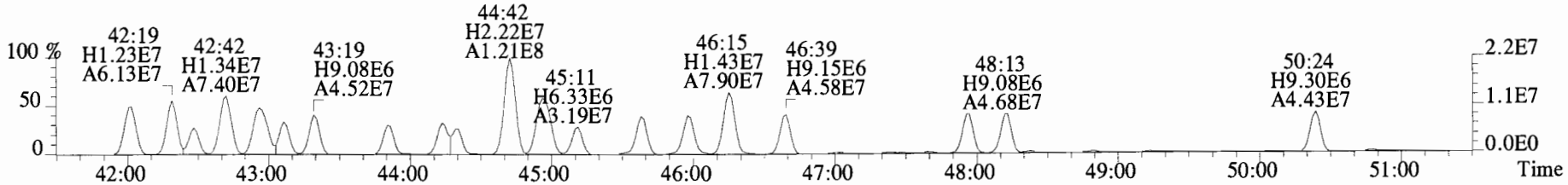
330.9792 F:3



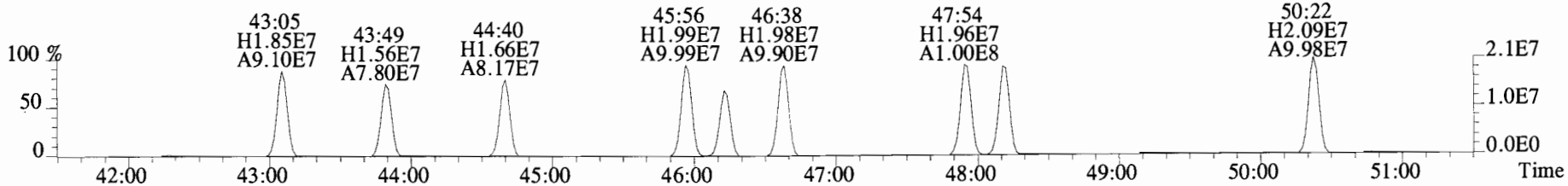
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voitage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39628.0,0.00%,F,F)



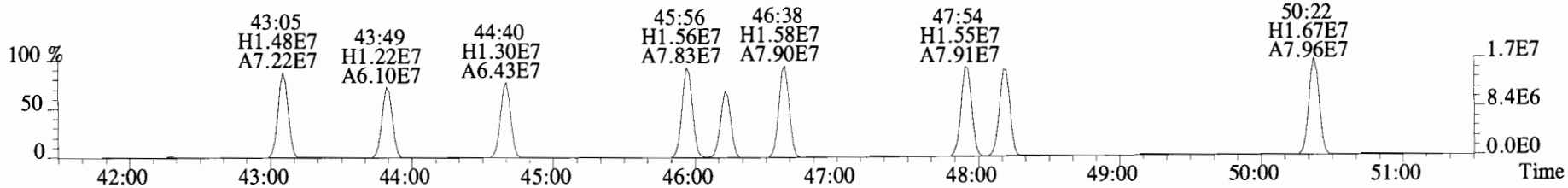
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30952.0,0.00%,F,F)



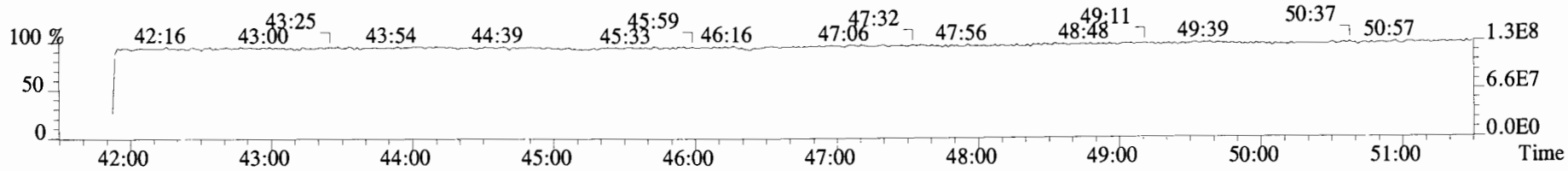
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16716.0,0.00%,F,F)



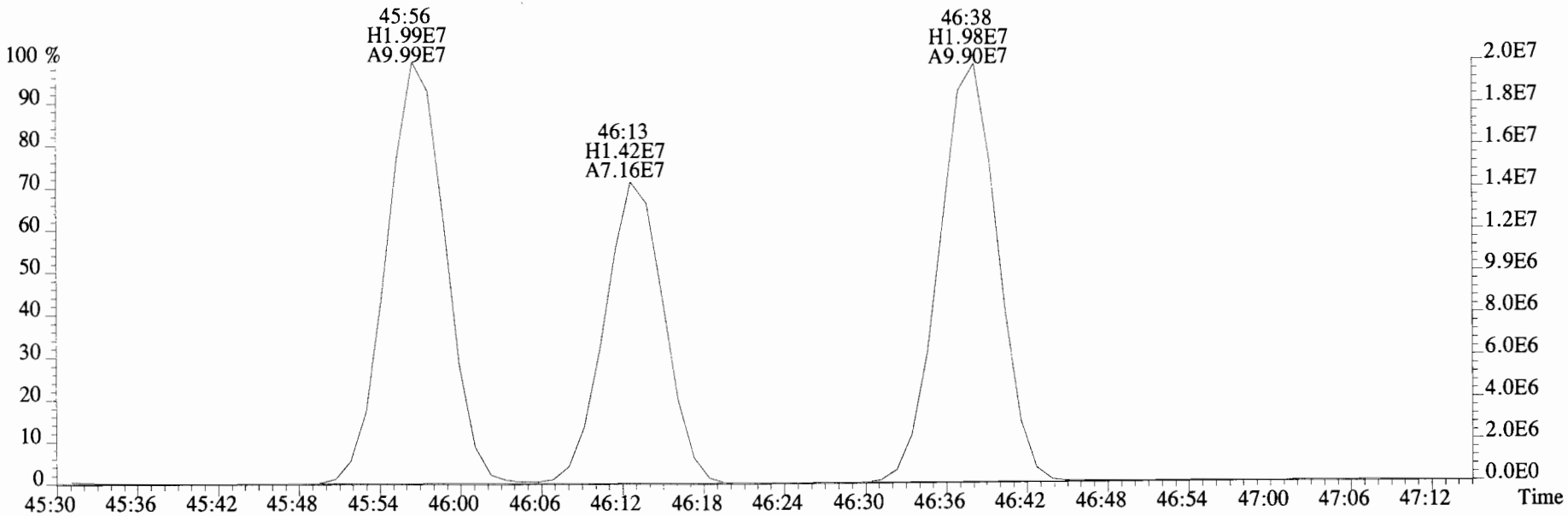
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13944.0,0.00%,F,F)



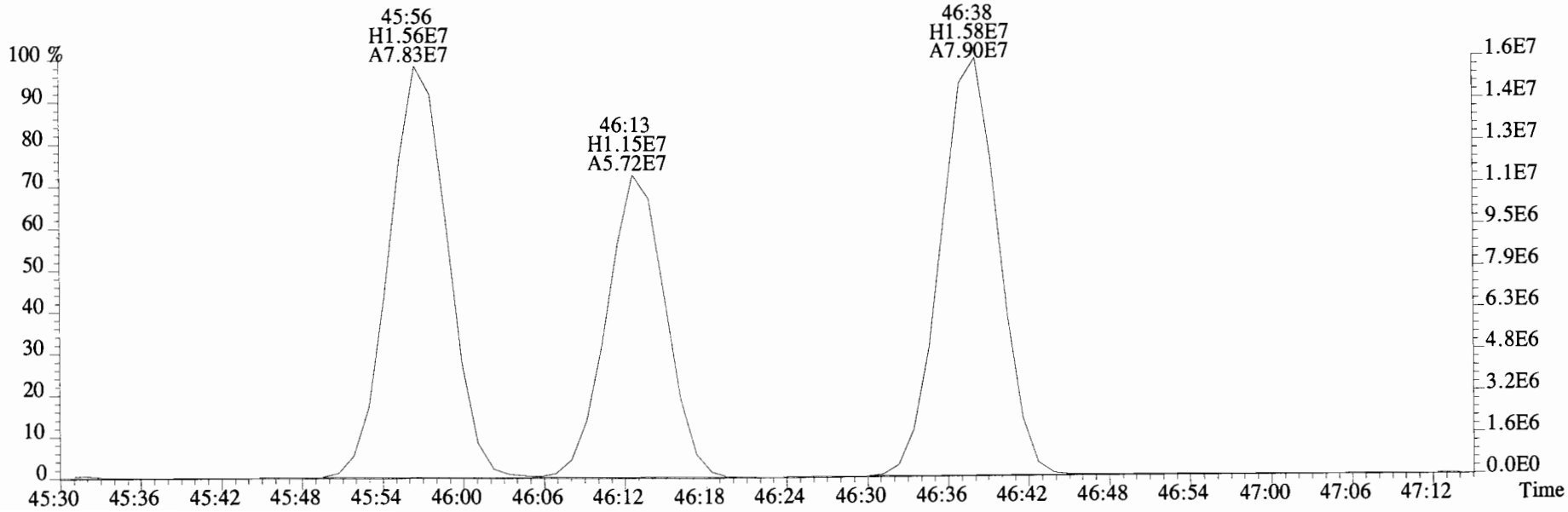
380.9760 F:4



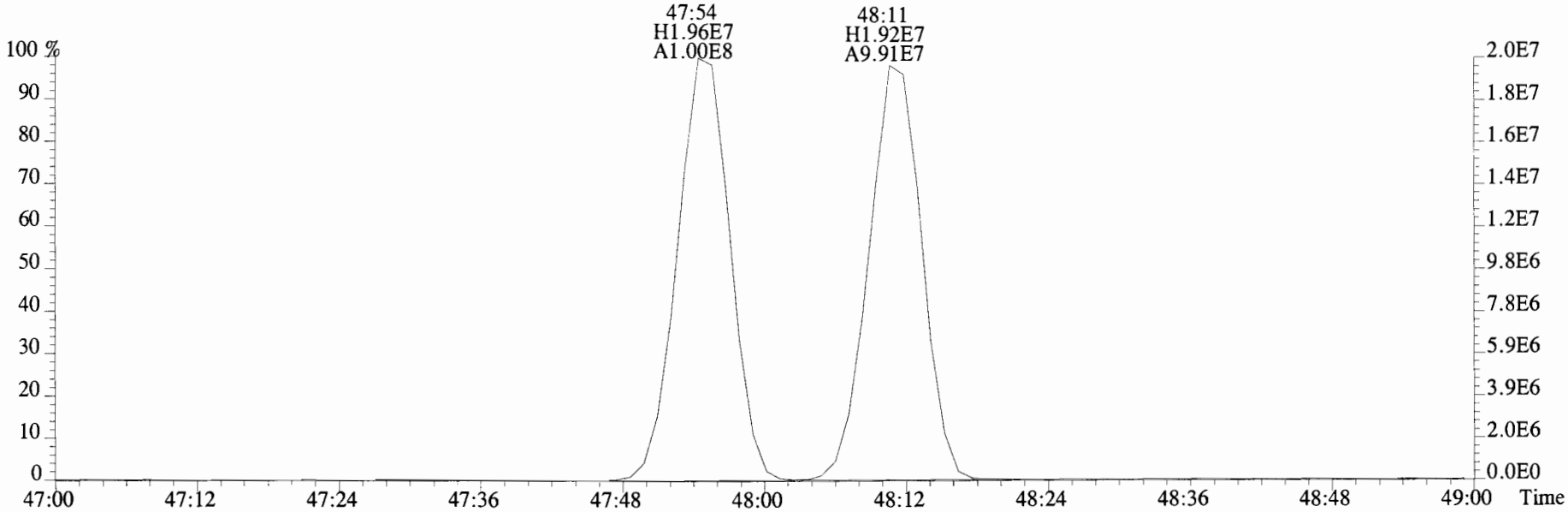
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16716.0,0.00%,F,F)



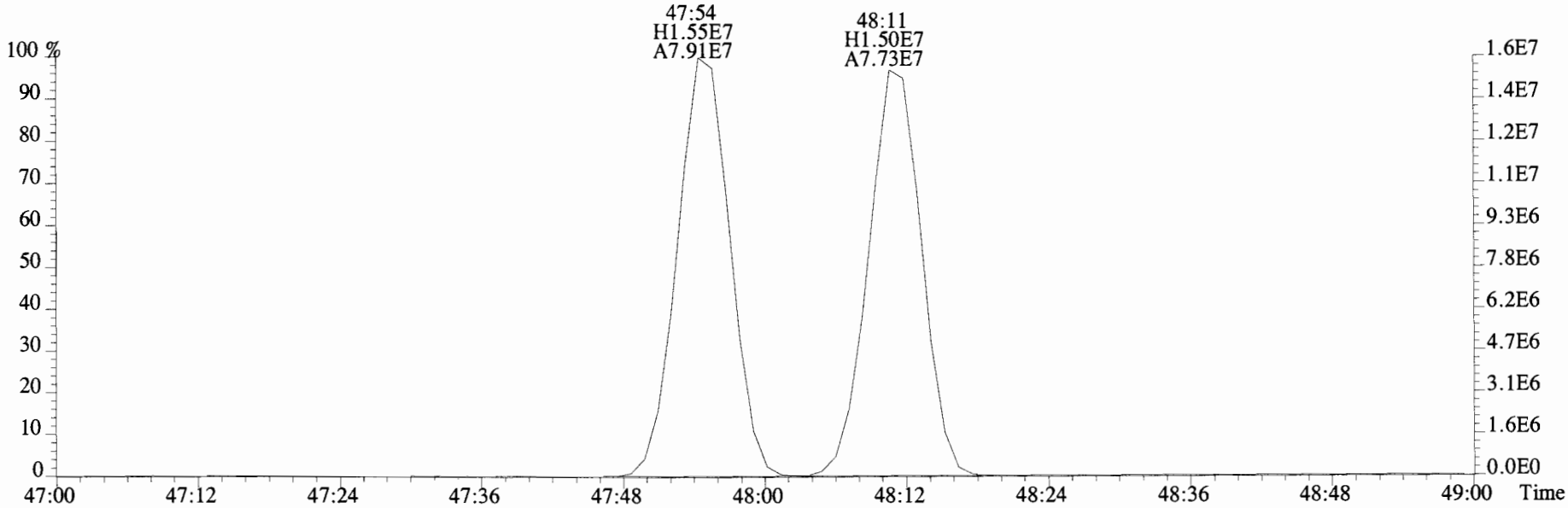
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13944.0,0.00%,F,F)



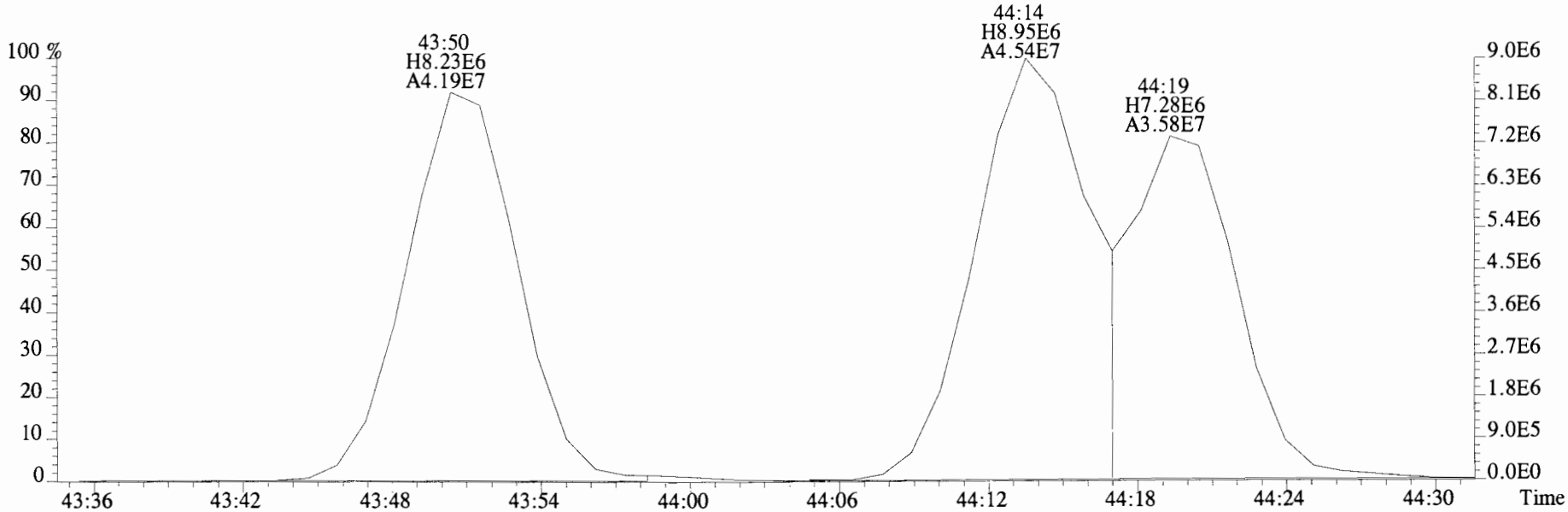
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16716.0,0.00%,F,F)



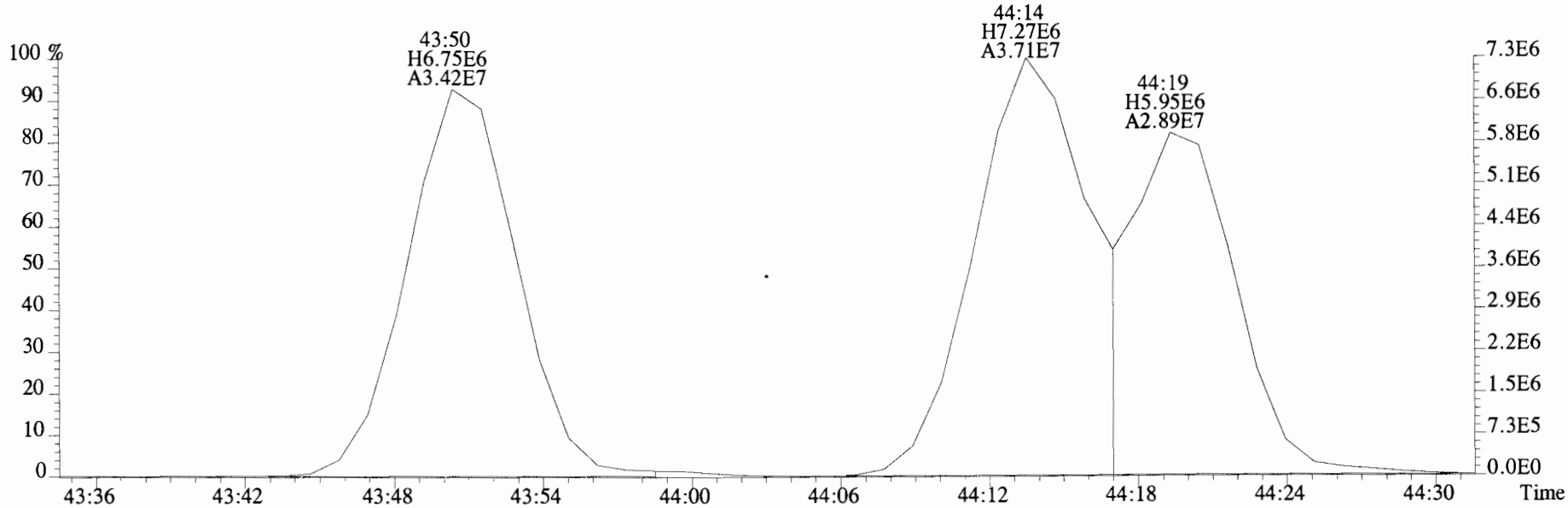
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13944.0,0.00%,F,F)



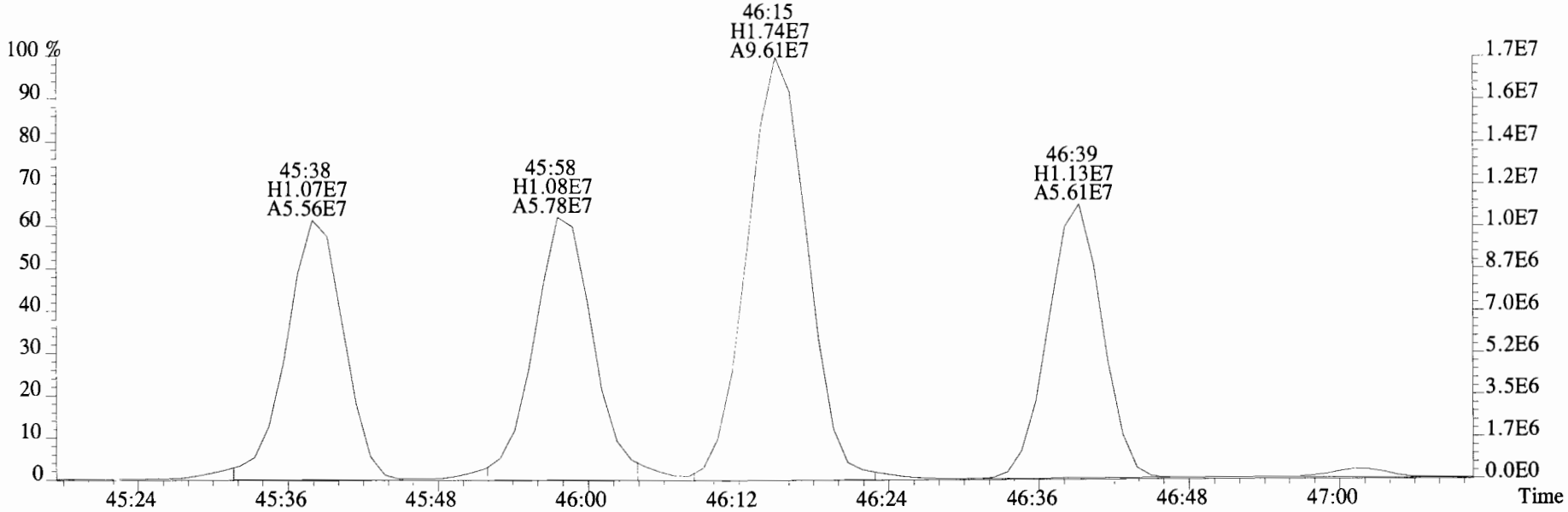
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39628.0,0.00%,F,F)



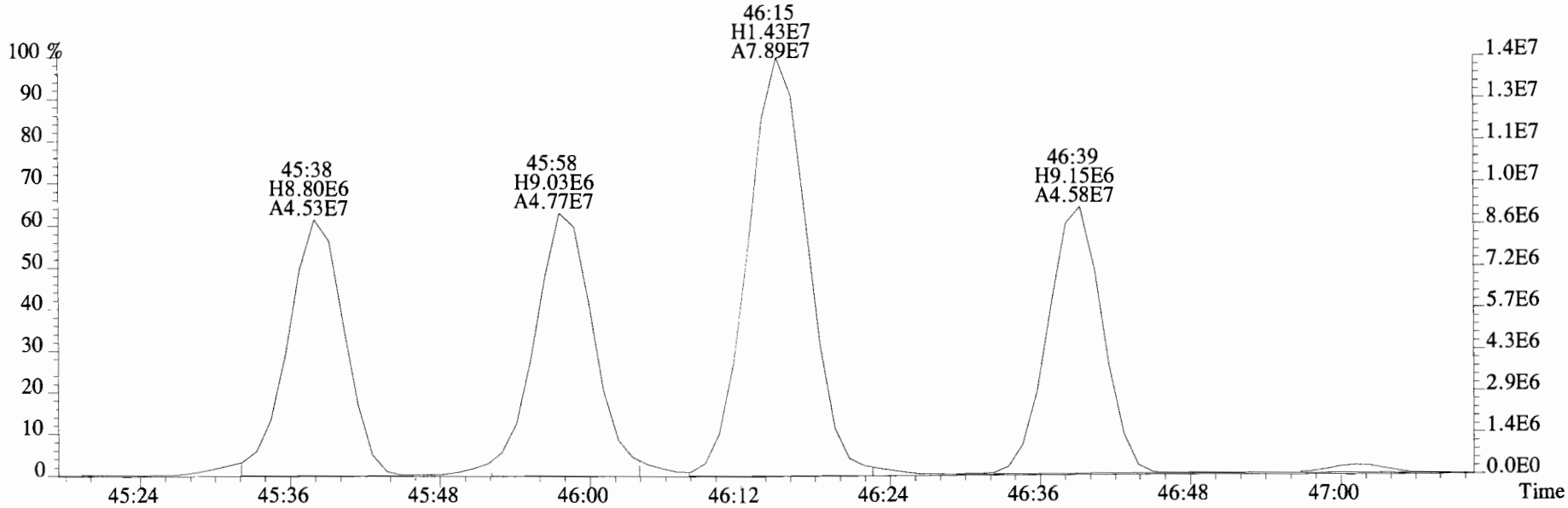
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30952.0,0.00%,F,F)



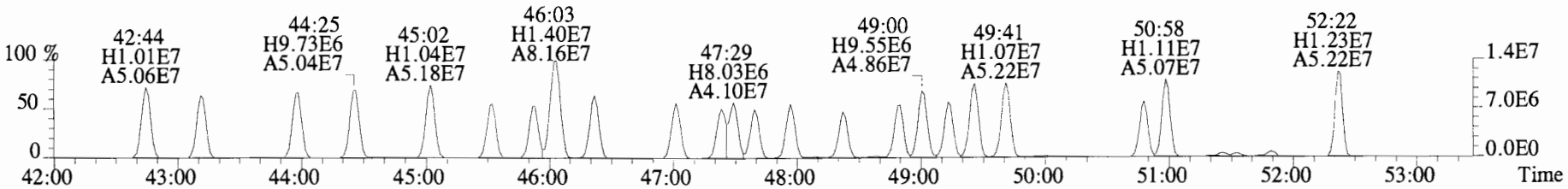
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39628.0,0.00%,F,F)



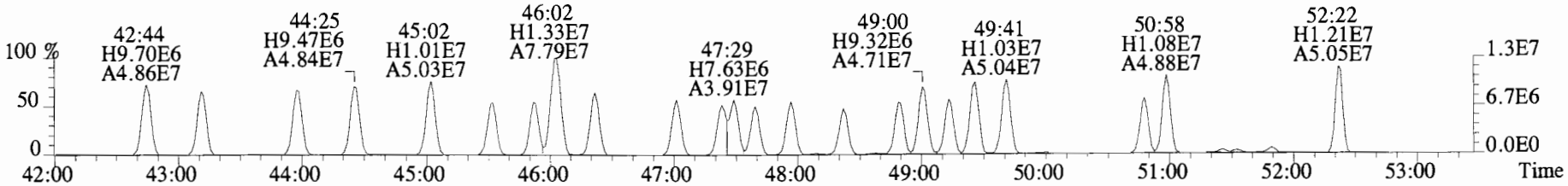
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30952.0,0.00%,F,F)



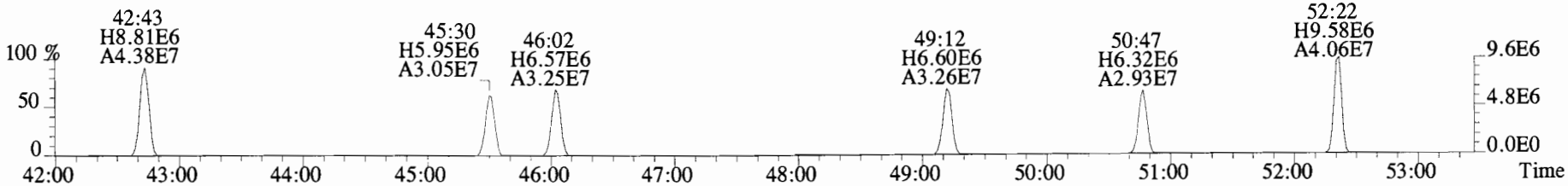
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28444.0,0.00%,F,F)



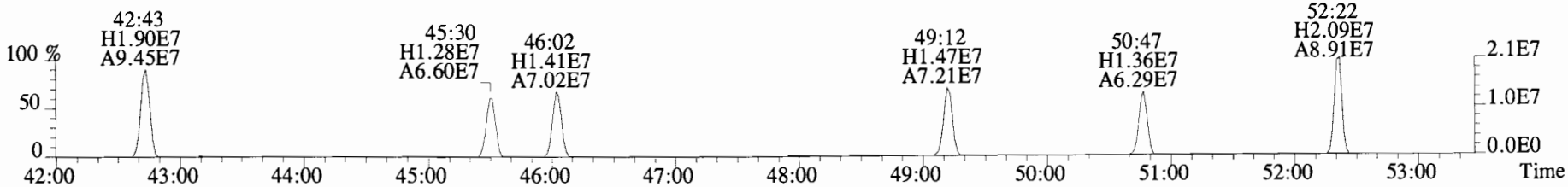
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29304.0,0.00%,F,F)



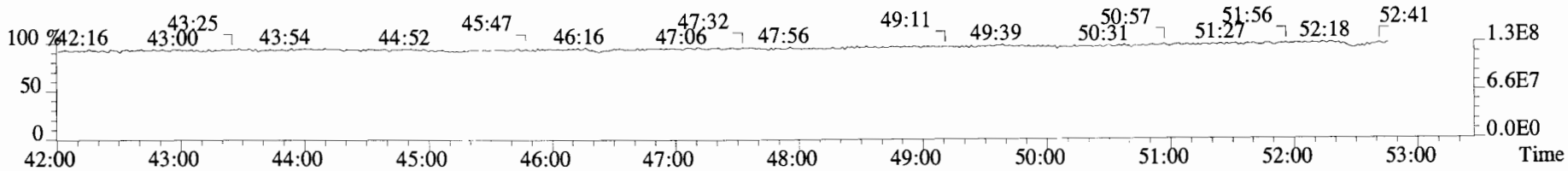
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7124.0,0.00%,F,F)



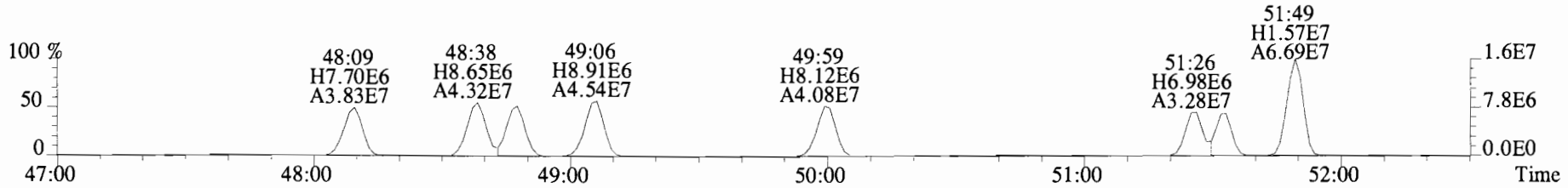
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13400.0,0.00%,F,F)



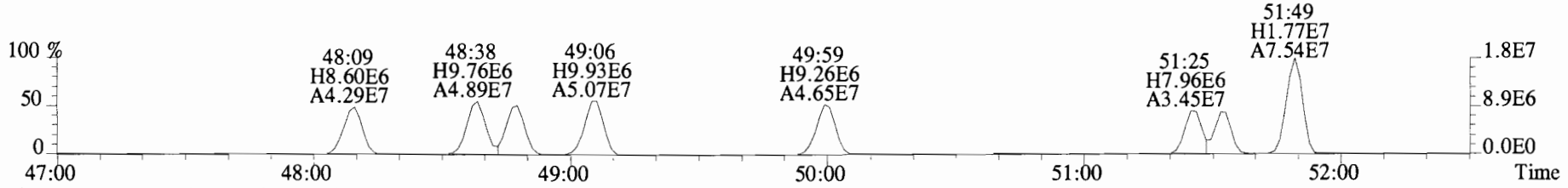
380.9760 F:4



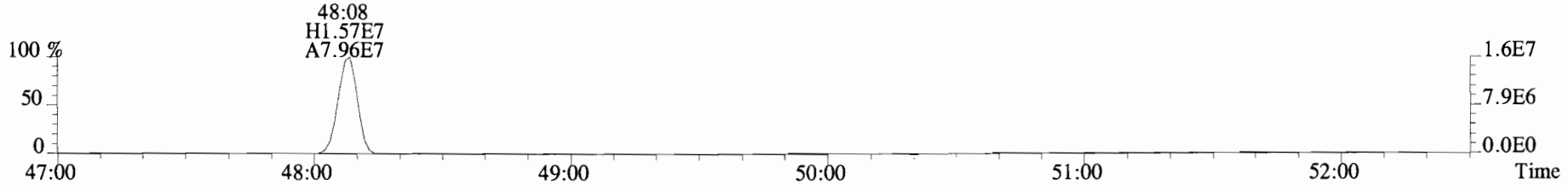
File:180118E2 #1-566 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2104.0,0.00%,F,F)



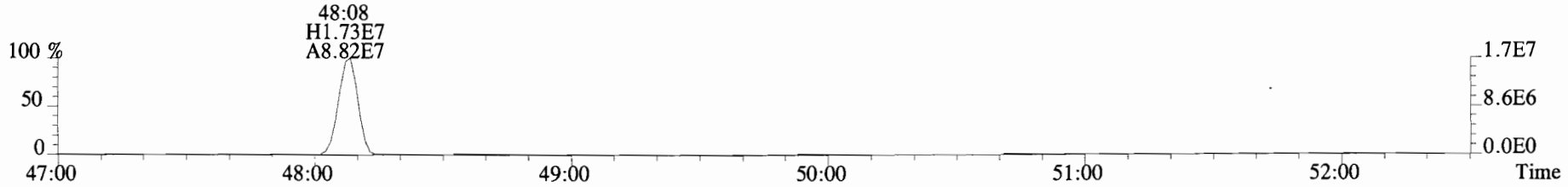
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



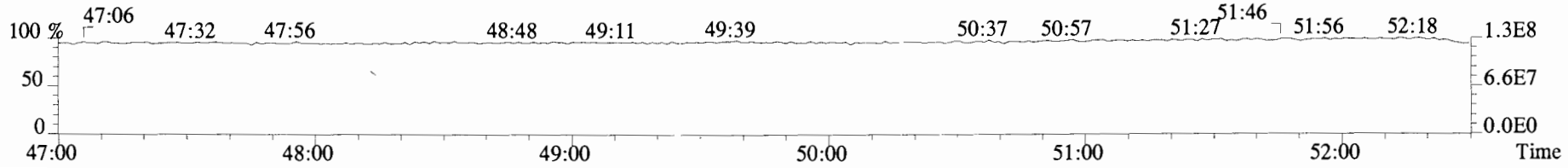
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1752.0,0.00%,F,F)



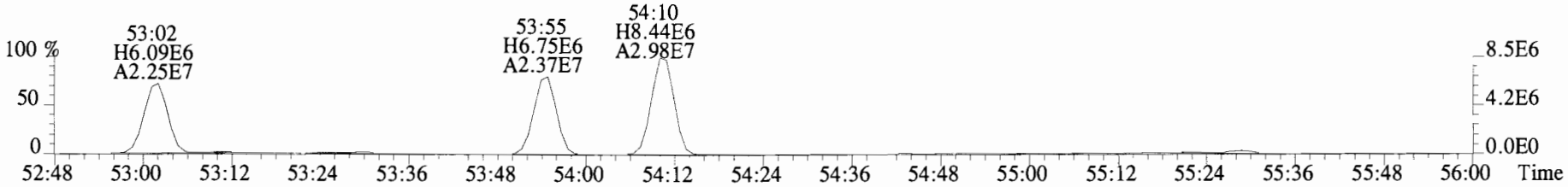
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1868.0,0.00%,F,F)



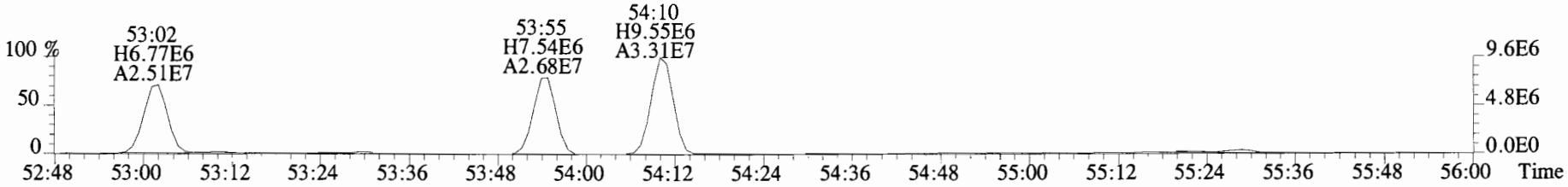
380.9760 F:4



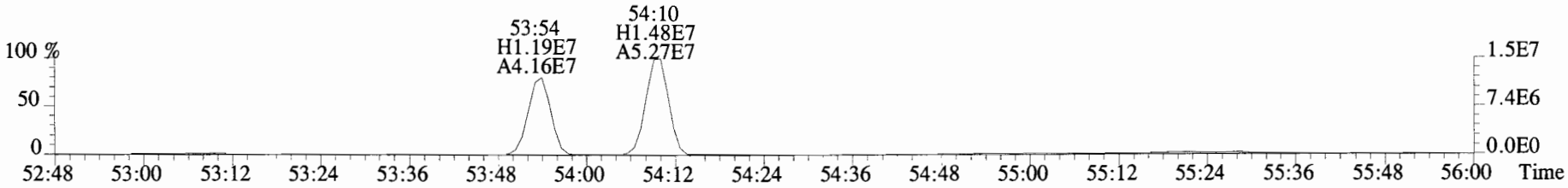
File:180118E2 #1-418 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24008.0,0.00%,F,F)



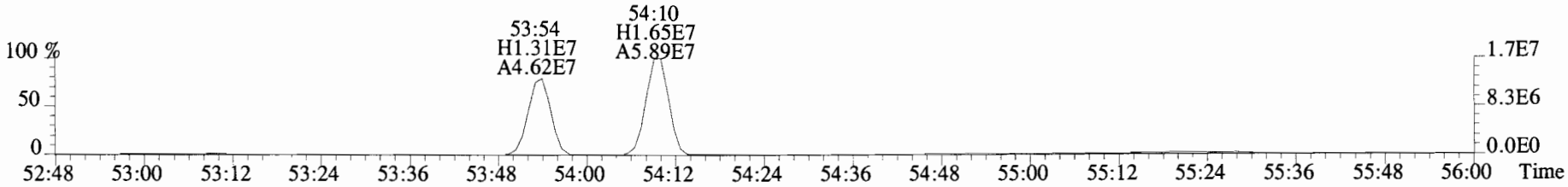
429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36340.0,0.00%,F,F)



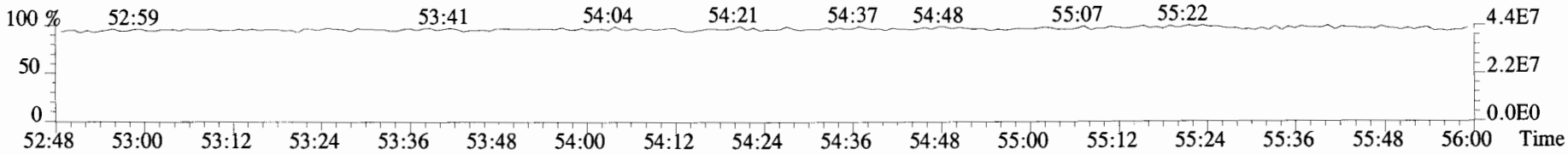
439.8038 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4904.0,0.00%,F,F)



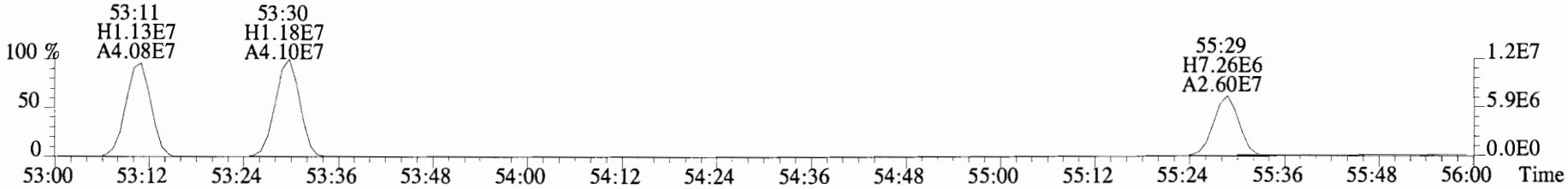
441.8008 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6896.0,0.00%,F,F)



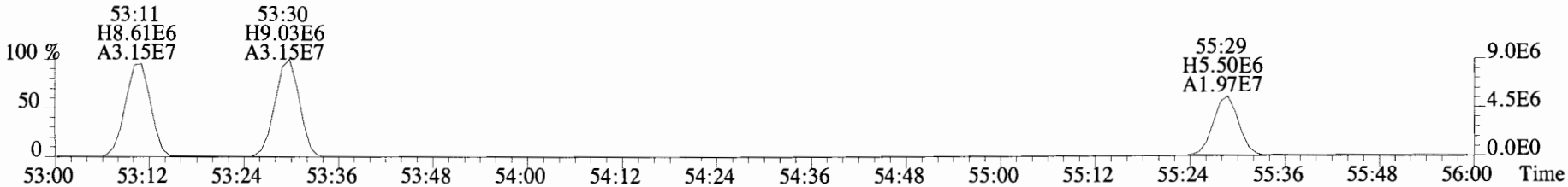
492.9697 F:5



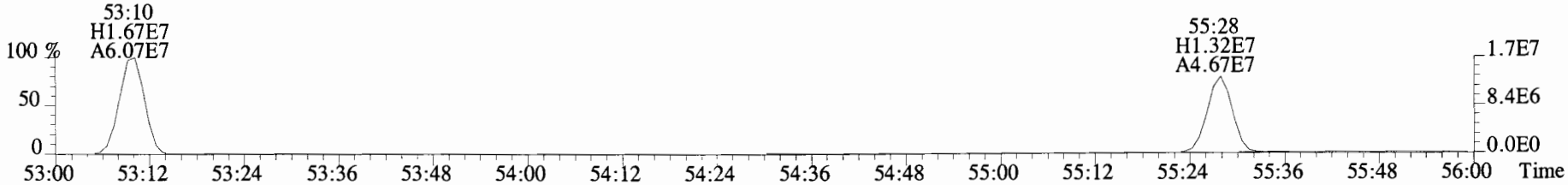
File:180118E2 #1-418 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19328.0,0.00%,F,F)



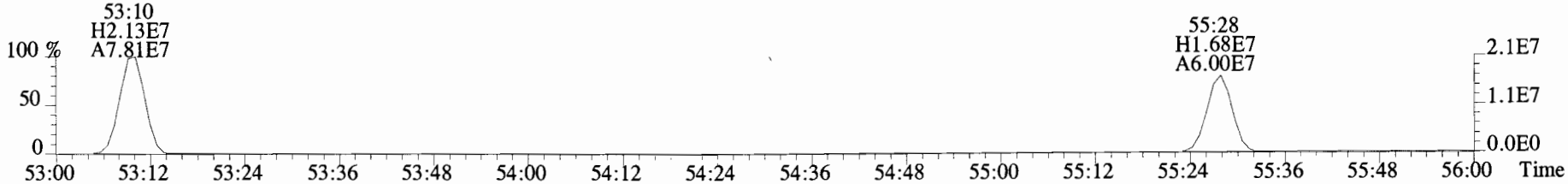
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14360.0,0.00%,F,F)



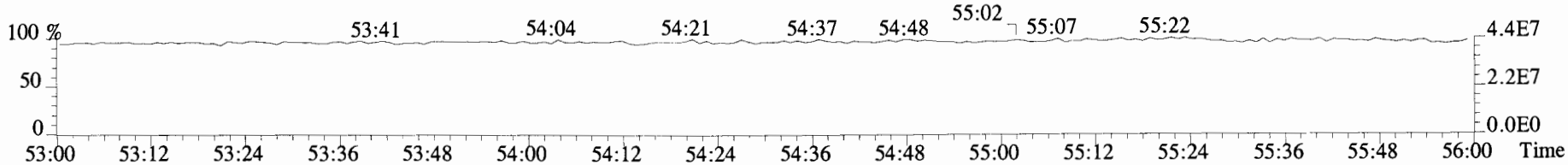
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25020.0,0.00%,F,F)



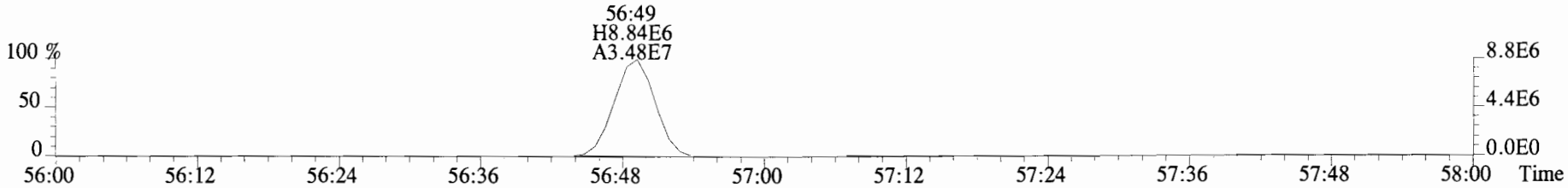
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30480.0,0.00%,F,F)



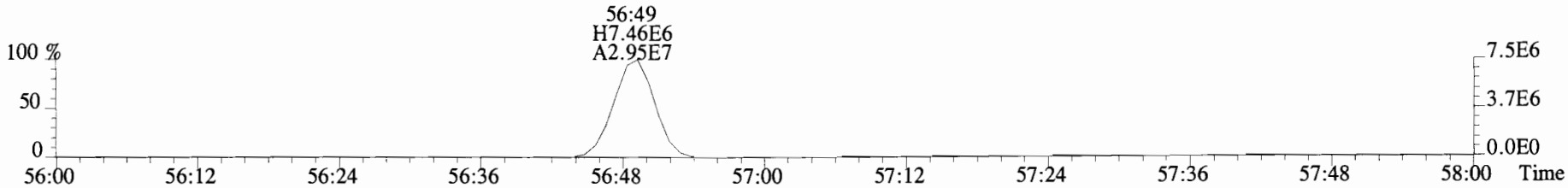
492.9697 F:5



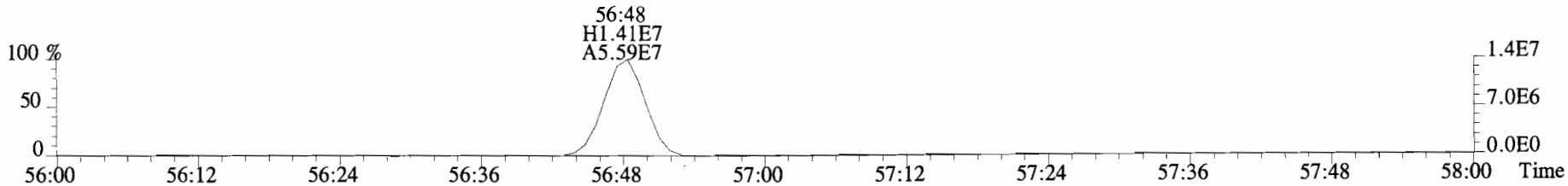
File:180118E2 #1-418 Acq:18-JAN-2018 16:36:52 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST180118E2-1 PCB CS3 17I0520 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2000.0,0.00%,F,F)



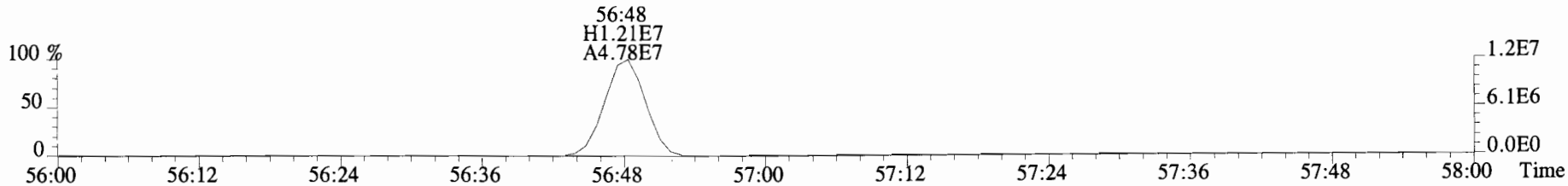
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1836.0,0.00%,F,F)



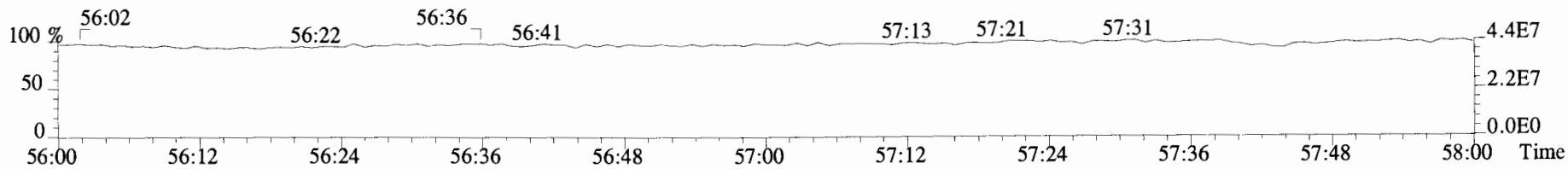
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2096.0,0.00%,F,F)



511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)

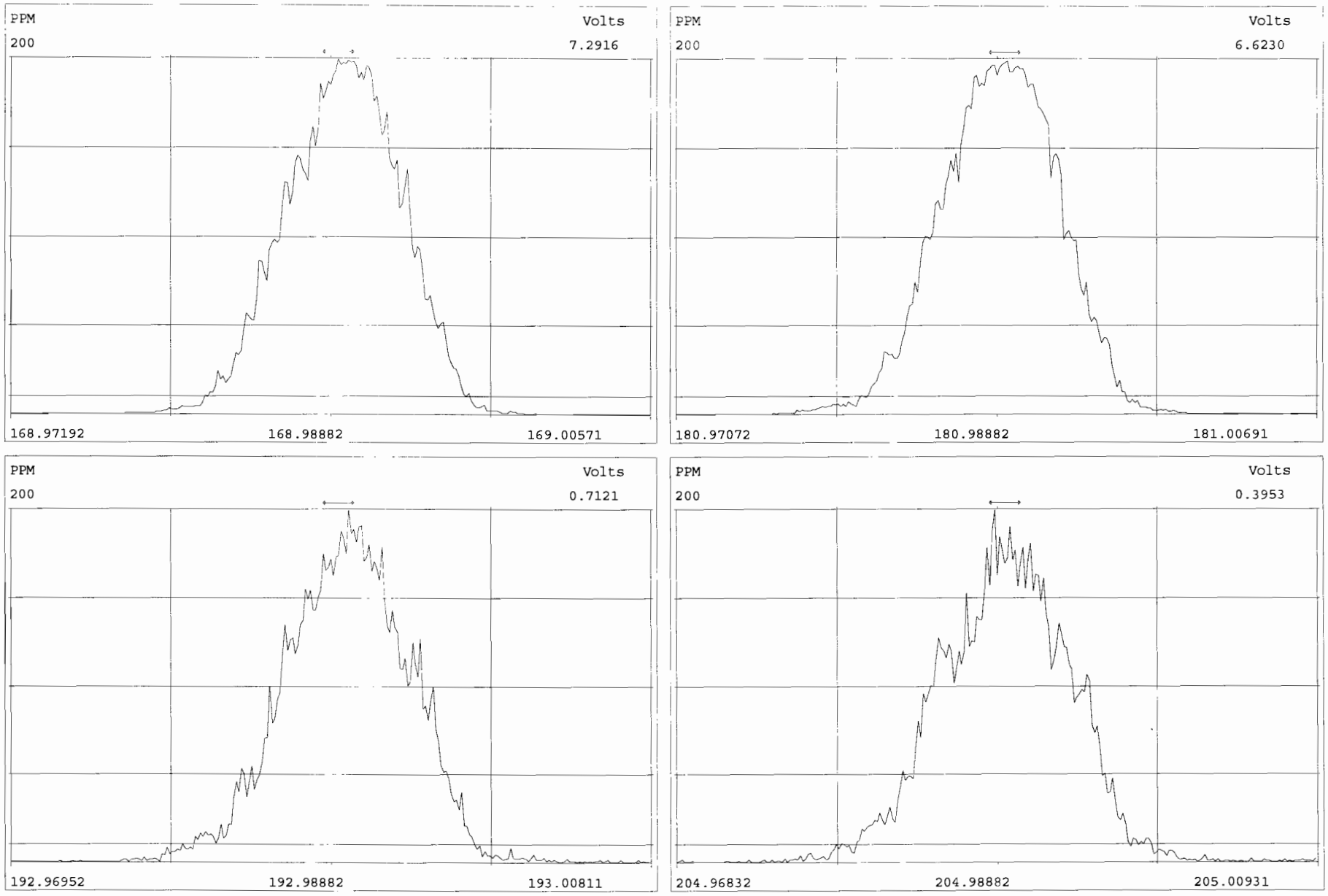


492.9697 F:5



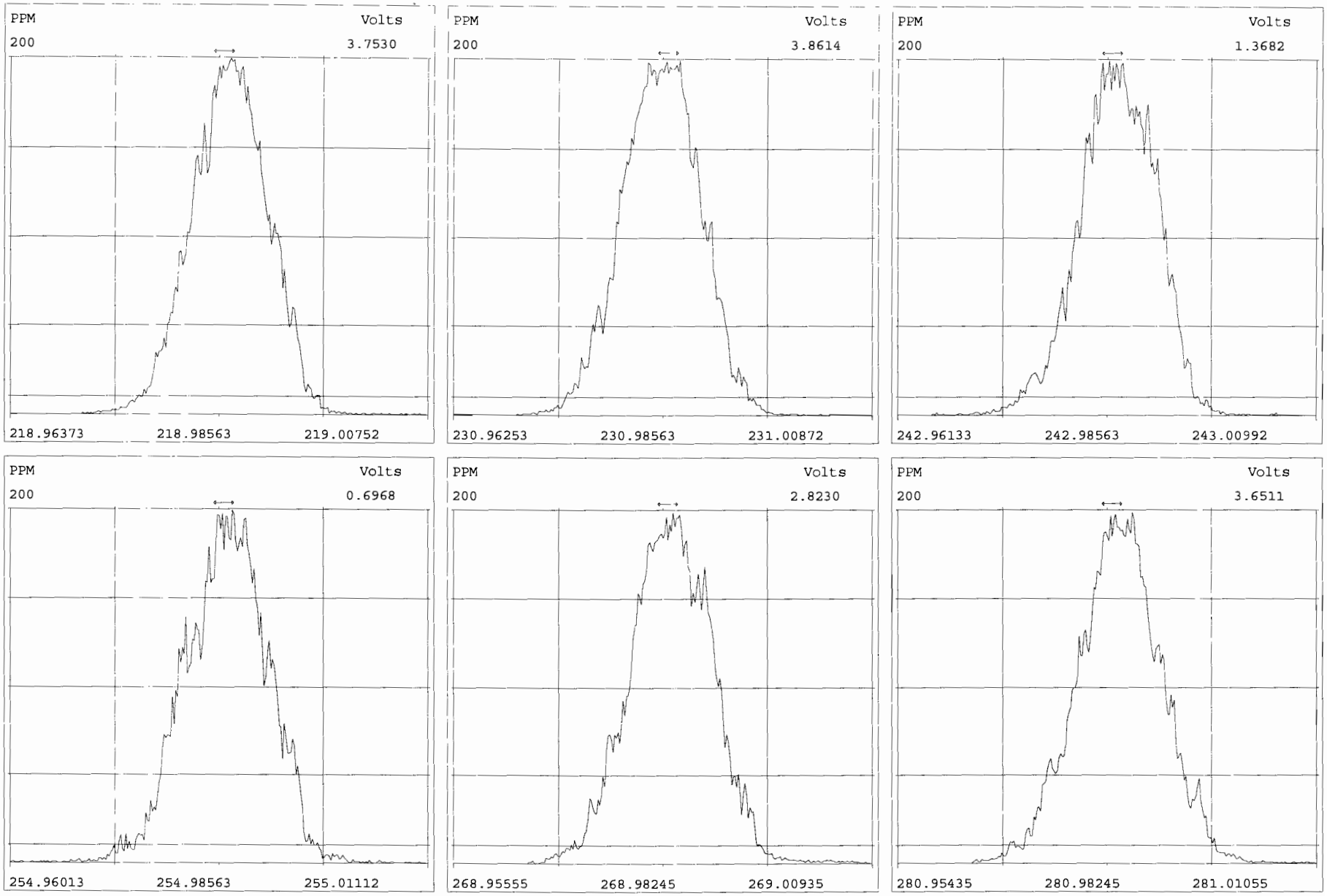
Peak Locate Examination:19-JAN-2018:05:43 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



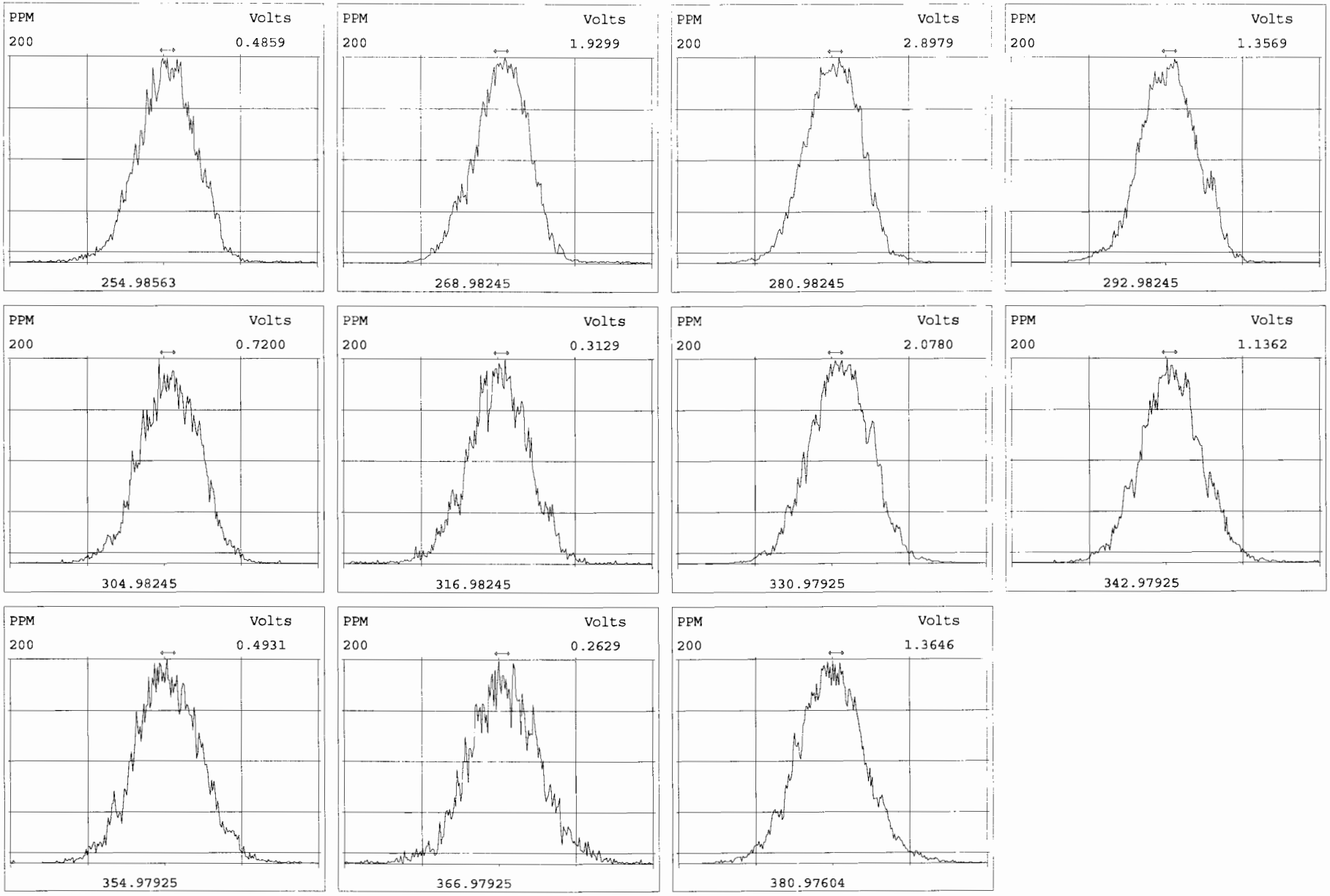
Peak Locate Examination:19-JAN-2018:05:44 File:RES_CHECK

Experiment:PCB_ZB1 Function:2 Reference:PFK



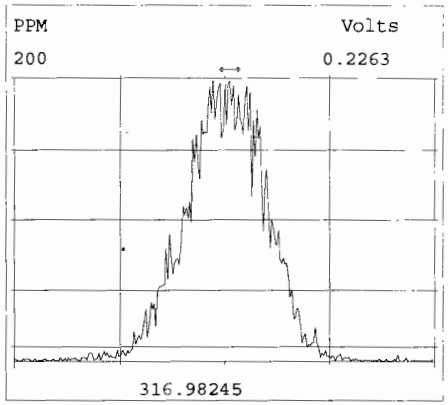
Peak Locate Examination:19-JAN-2018:05:45 File:RES_CHECK

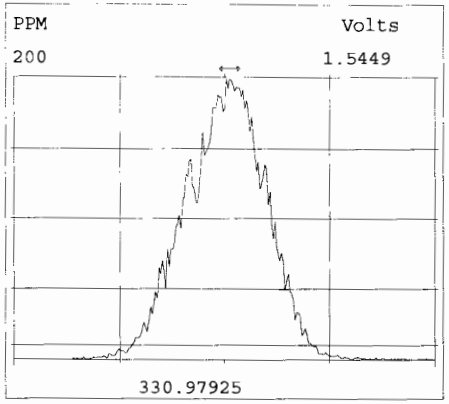
Experiment:PCB_ZB1 Function:3 Reference:PFK

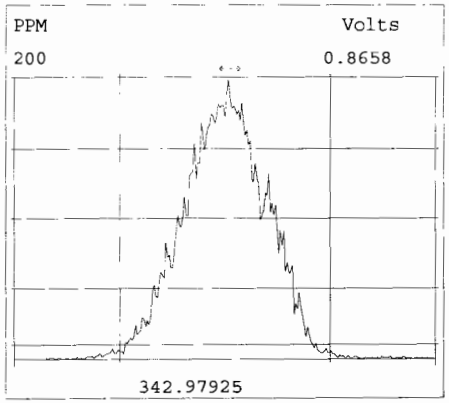


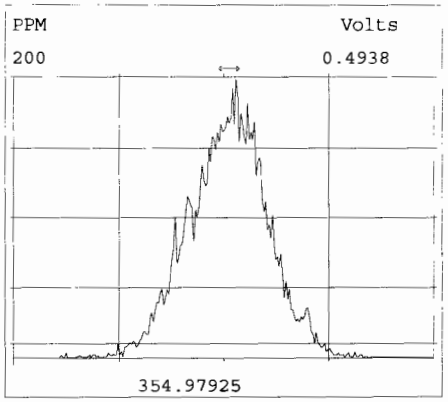
Peak Locate Examination:19-JAN-2018:05:46 File:RES_CHECK

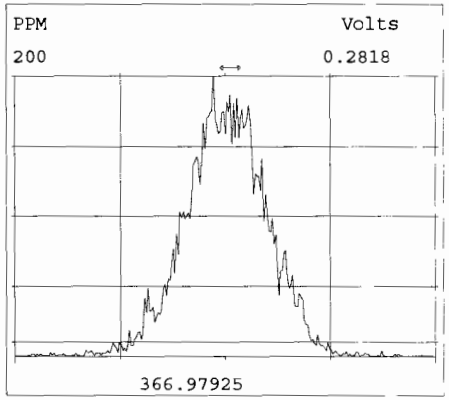
Experiment:PCB_ZB1 Function:4 Reference:PFK

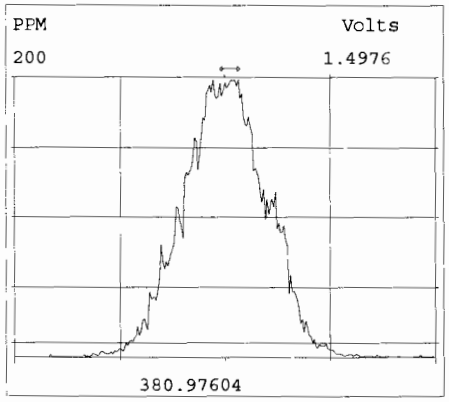


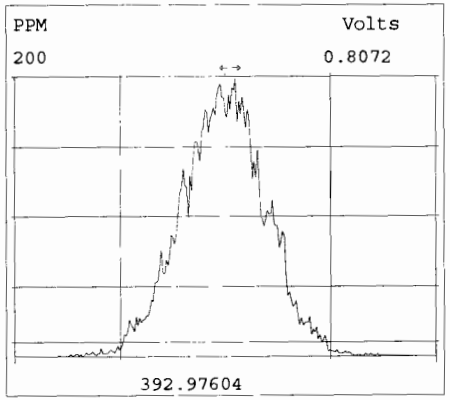


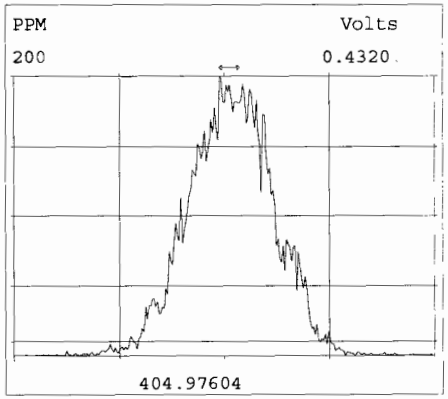


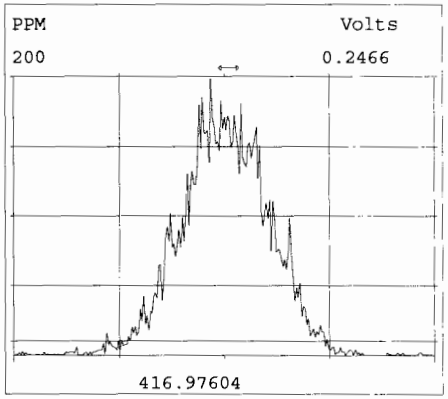


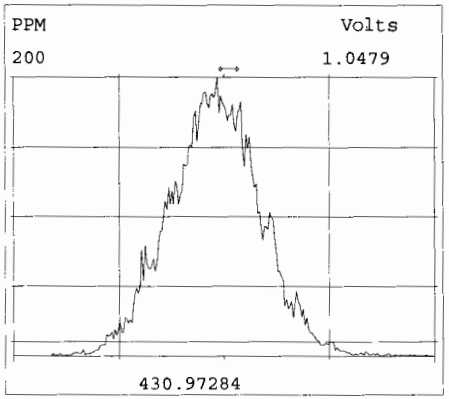


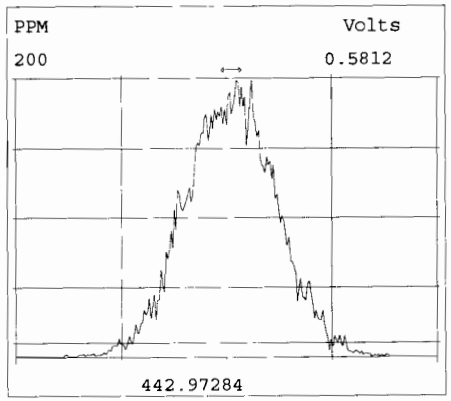






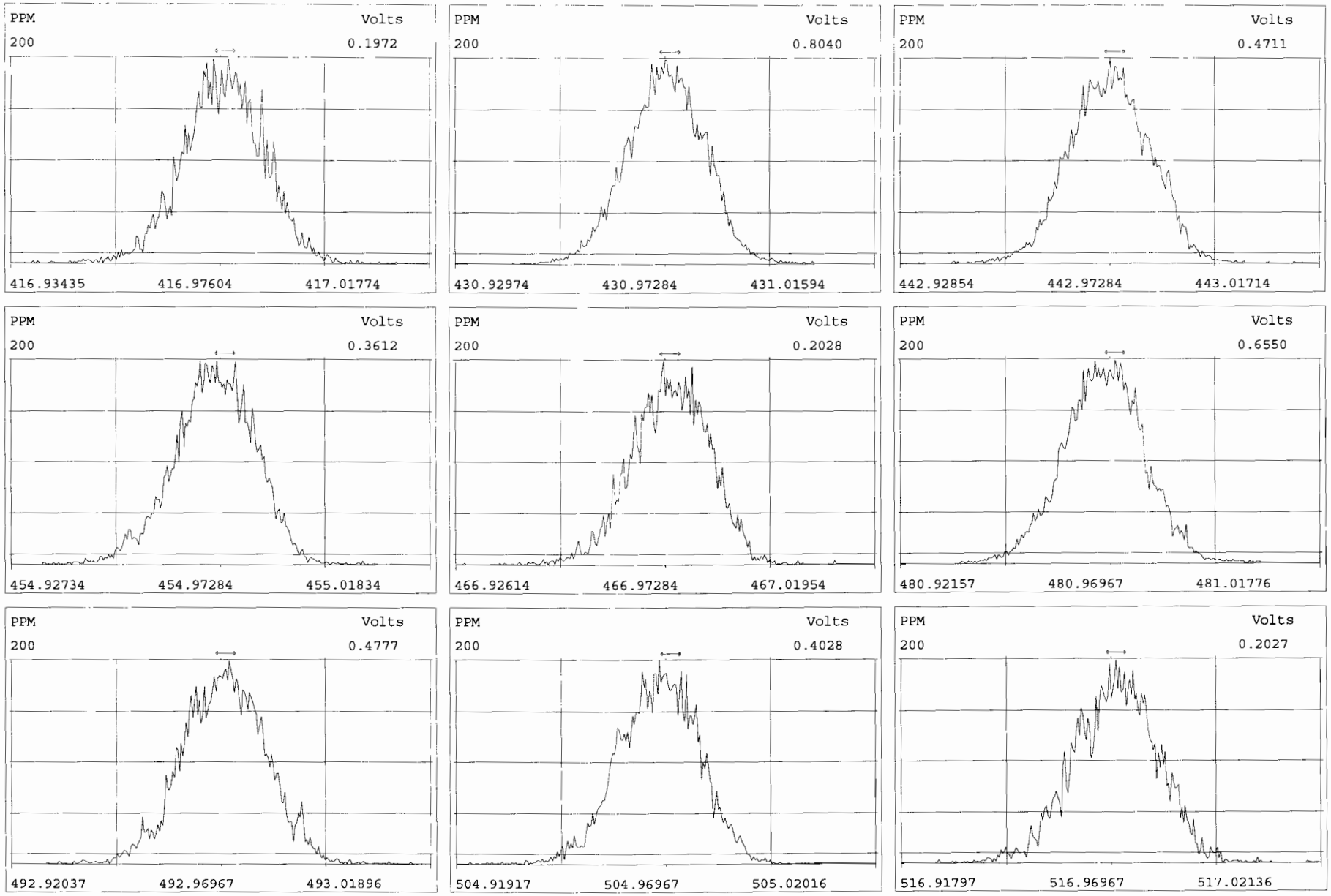






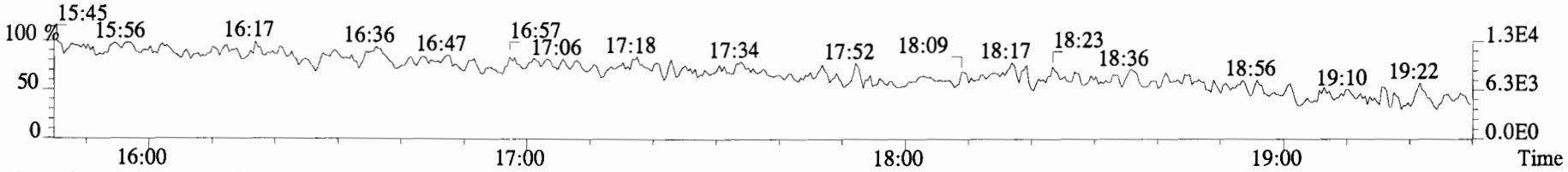
Peak Locate Examination:19-JAN-2018:05:47 File:RES_CHECK

Experiment:PCB_ZB1 Function:5 Reference:PFK

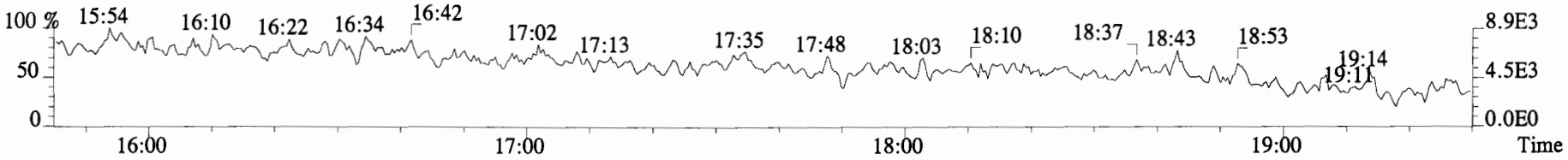


Solvent Blanks

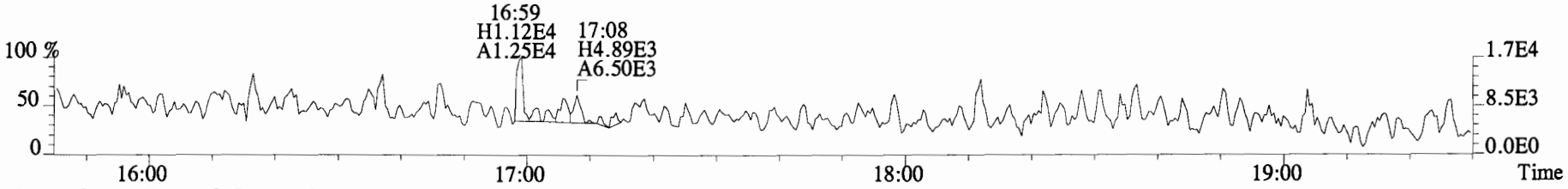
File:180110E1 #1-866 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10744.0,0.00%,F,F)



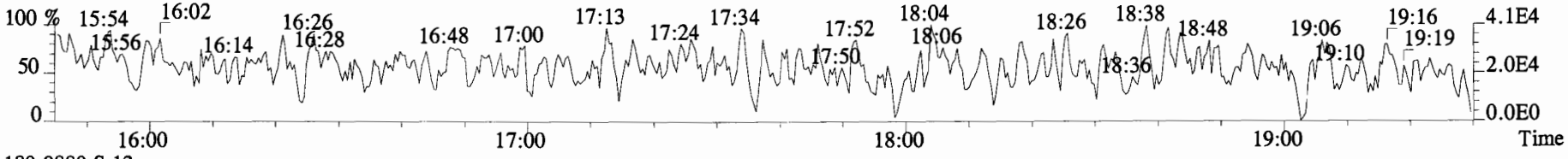
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7036.0,0.00%,F,F)



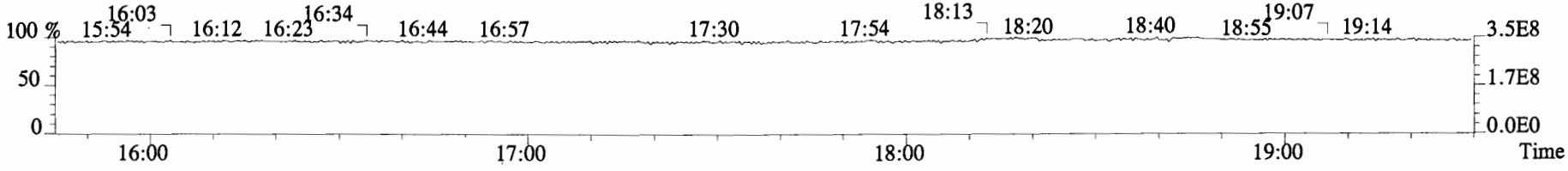
200.0795 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9256.0,0.00%,F,F)



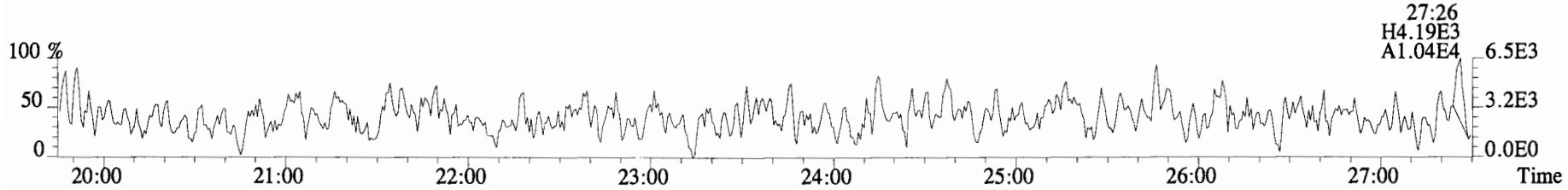
202.0766 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30312.0,0.00%,F,F)



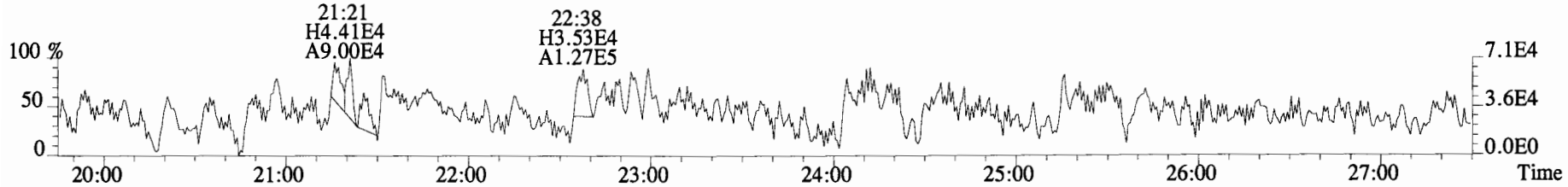
180.9880 S:12



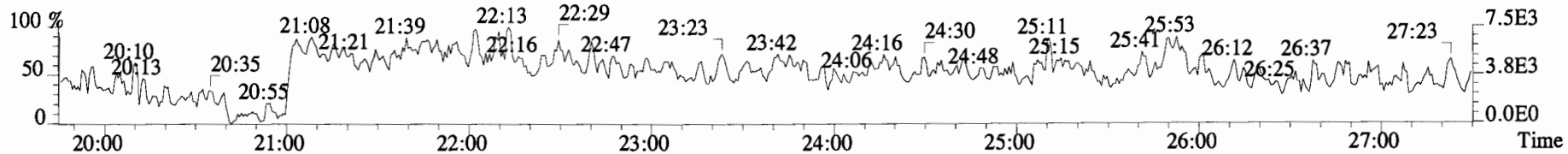
File:180110E1 #1-757 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3428.0,0.00%,F,F)



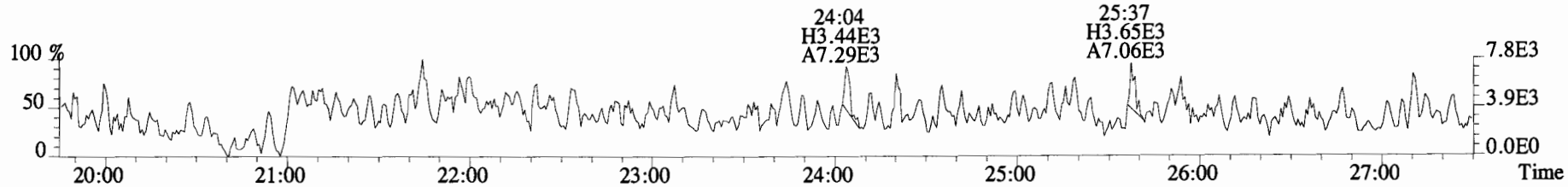
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,41876.0,0.00%,F,F)



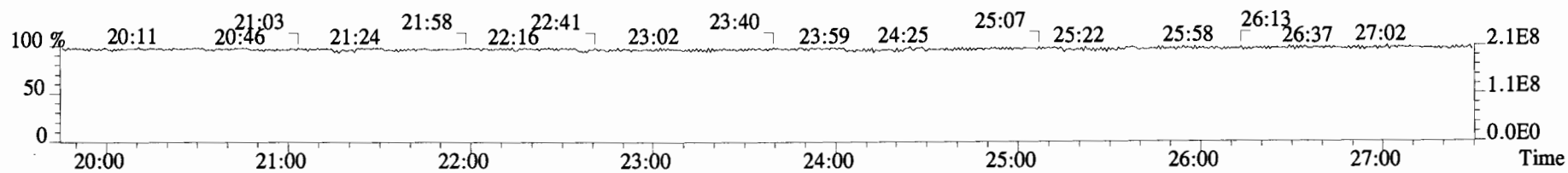
234.0406 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5340.0,0.00%,F,F)



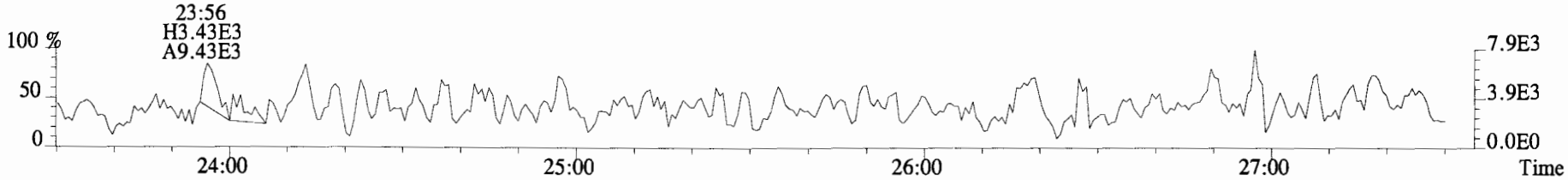
236.0376 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4476.0,0.00%,F,F)



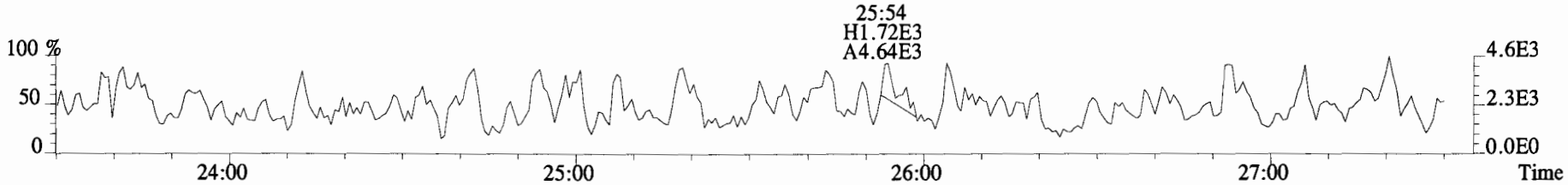
230.9856 S:12 F:2



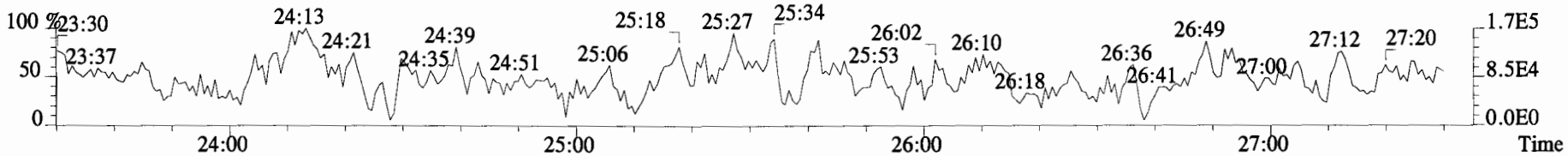
File:180110E1 #1-757 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4328.0,0.00%,F,F)



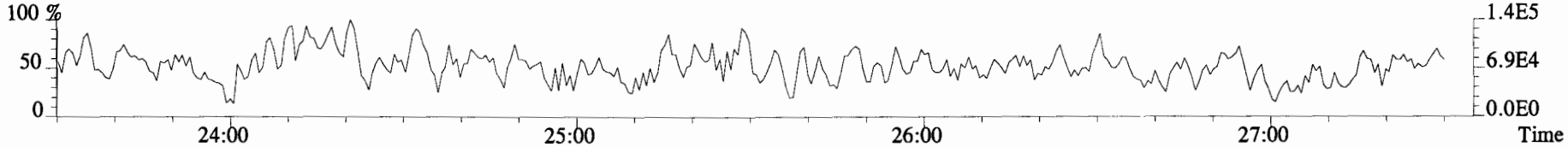
257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2856.0,0.00%,F,F)



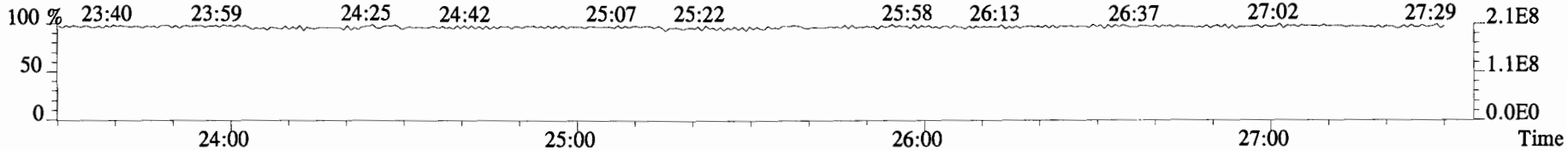
268.0016 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111268.0,0.00%,F,F)



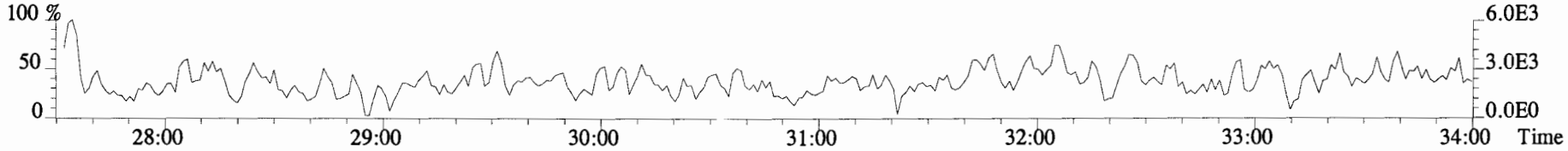
269.9986 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,98940.0,0.00%,F,F)



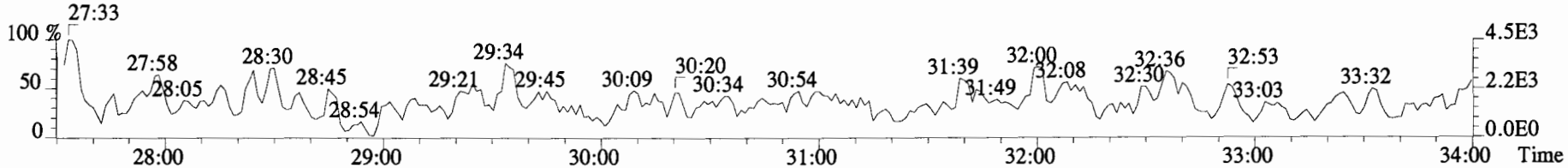
230.9856 S:12 F:2



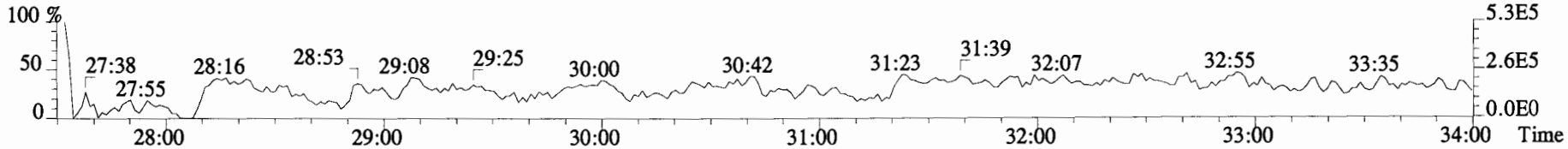
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2888.0,0.00%,F,F)



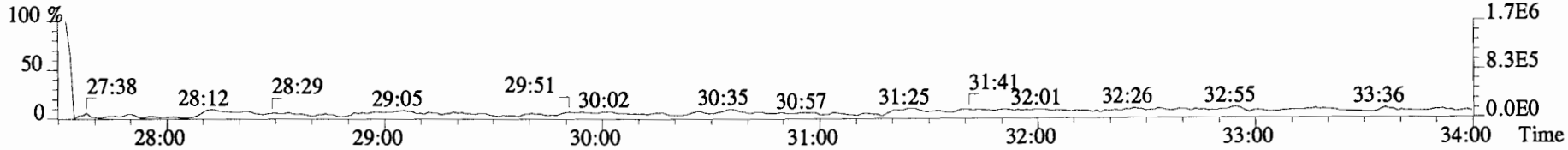
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2044.0,0.00%,F,F)



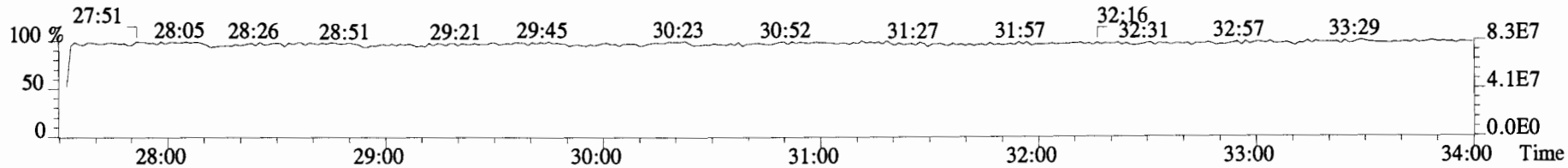
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,204960.0,0.00%,F,F)



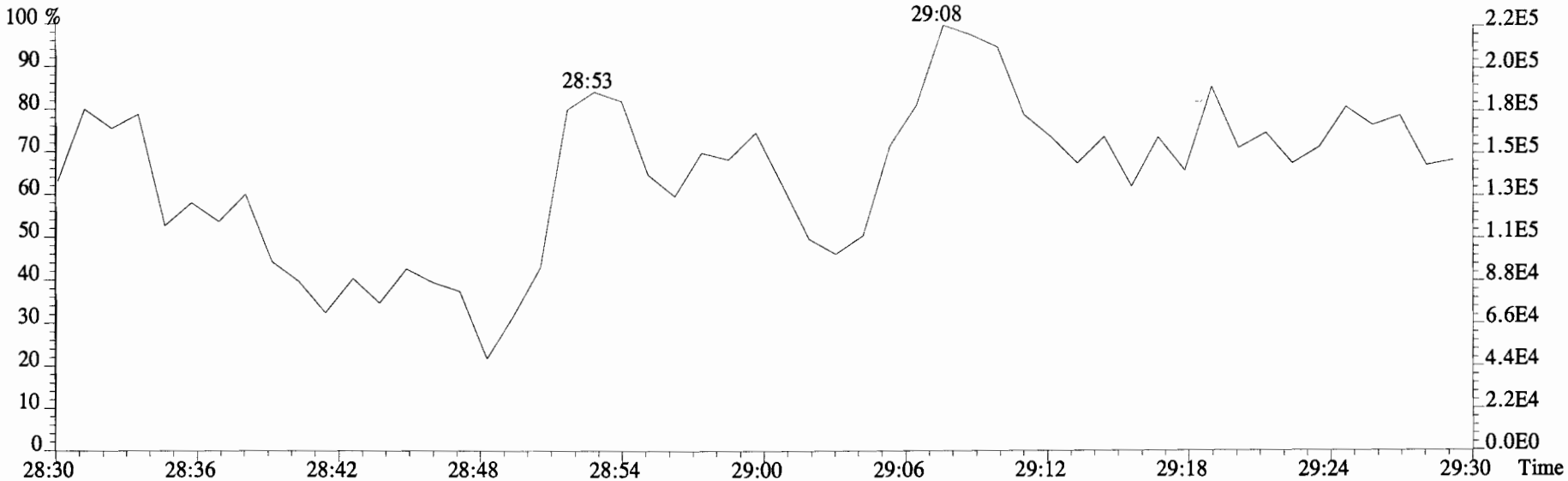
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,132436.0,0.00%,F,F)



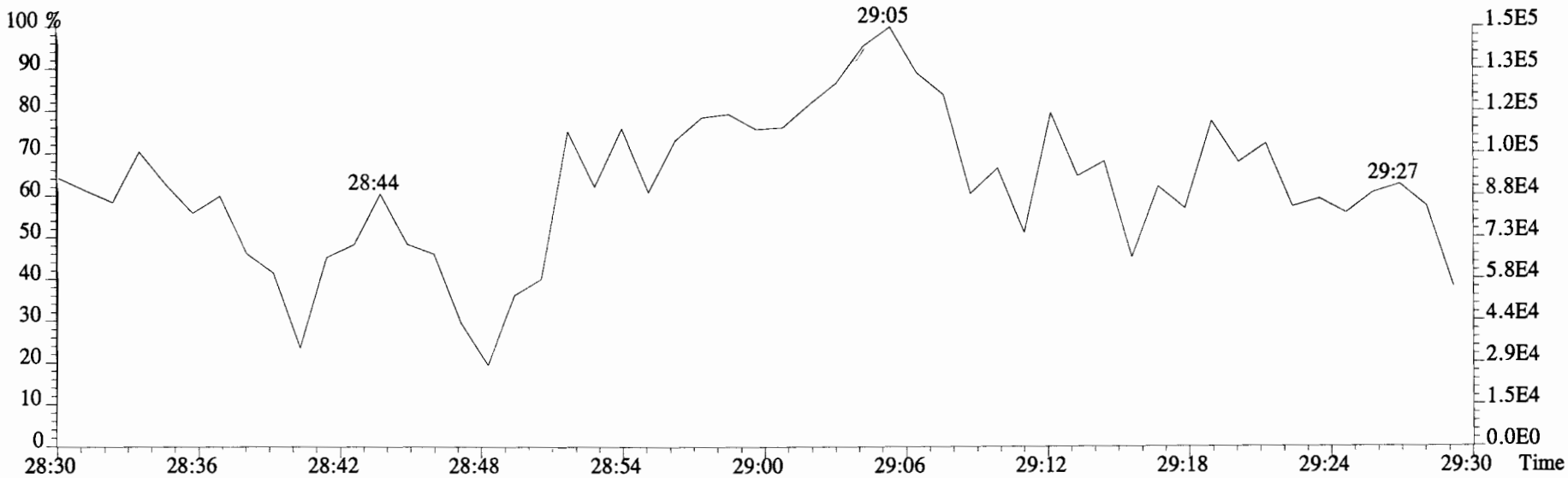
330.9792 S:12 F:3



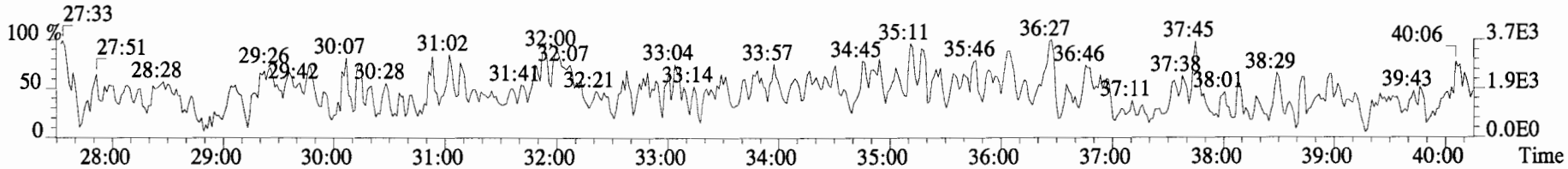
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,204960.0,0.00%,F,F)



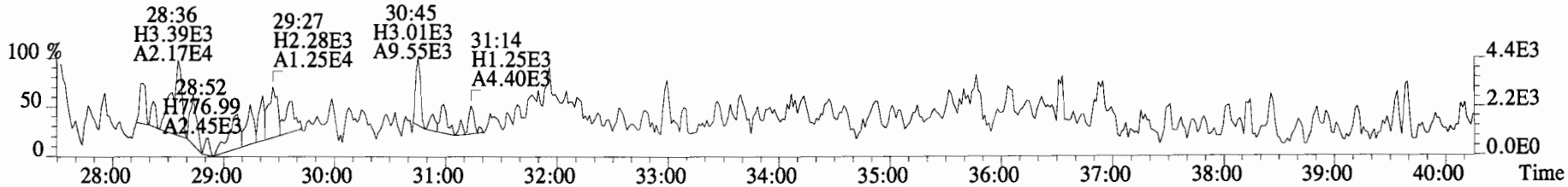
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,132436.0,0.00%,F,F)



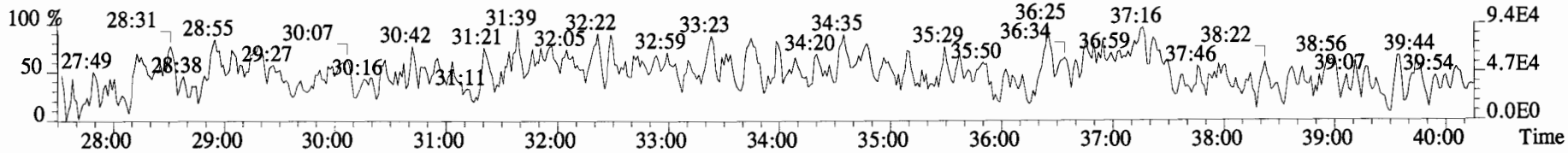
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



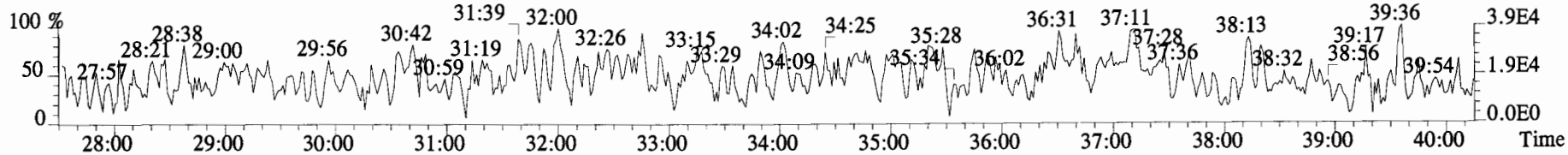
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



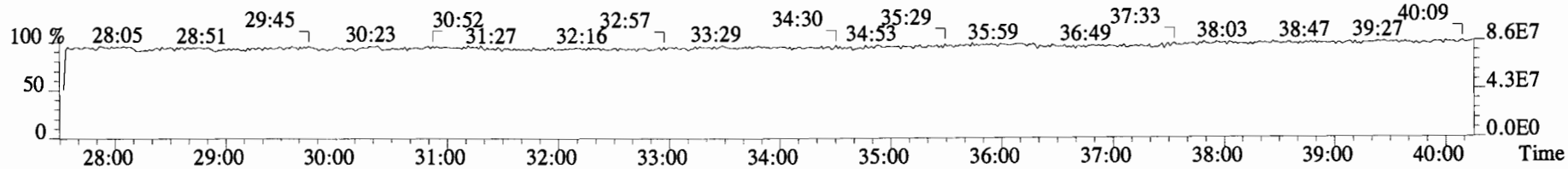
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60704.0,0.00%,F,F)



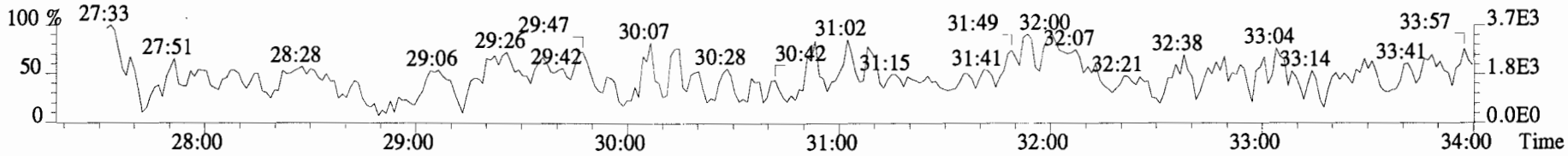
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23872.0,0.00%,F,F)



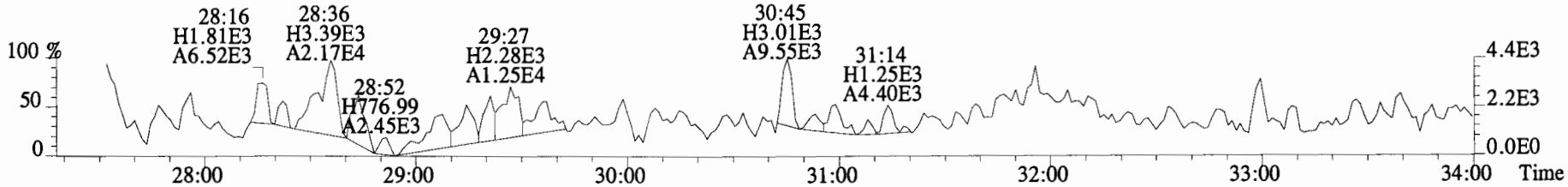
330.9792 S:12 F:3



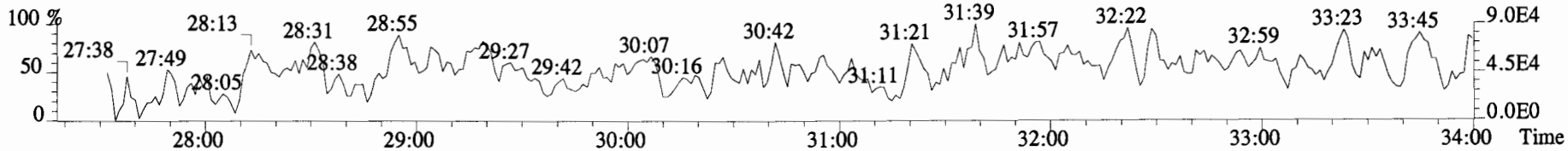
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



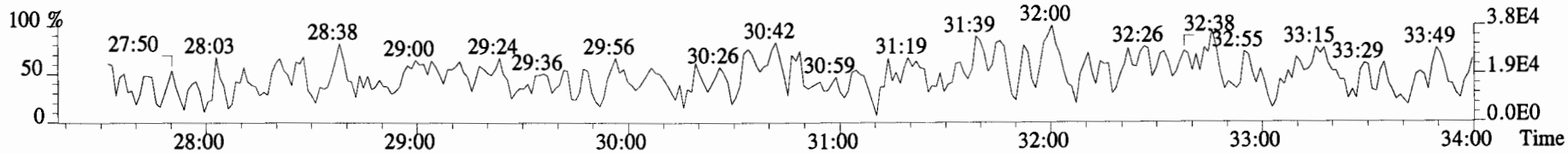
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



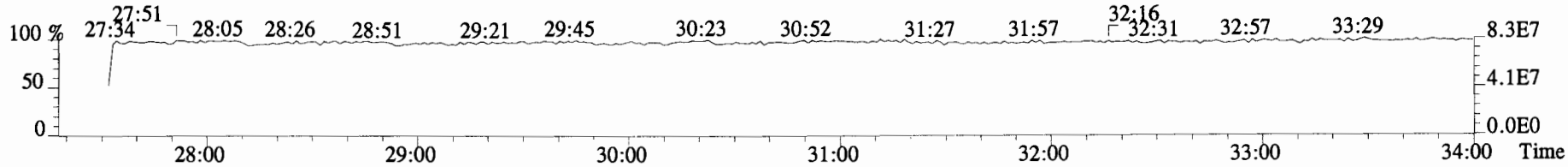
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60704.0,0.00%,F,F)



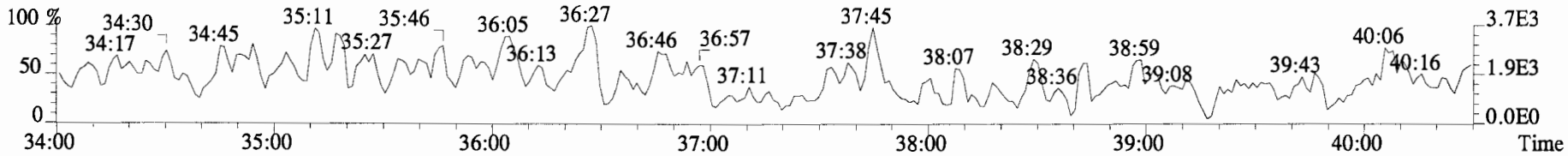
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23872.0,0.00%,F,F)



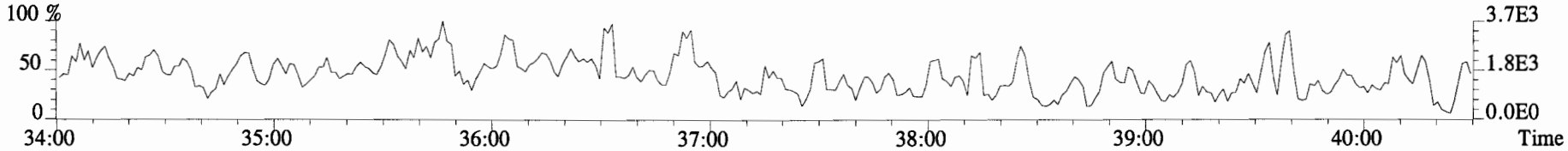
330.9792 S:12 F:3



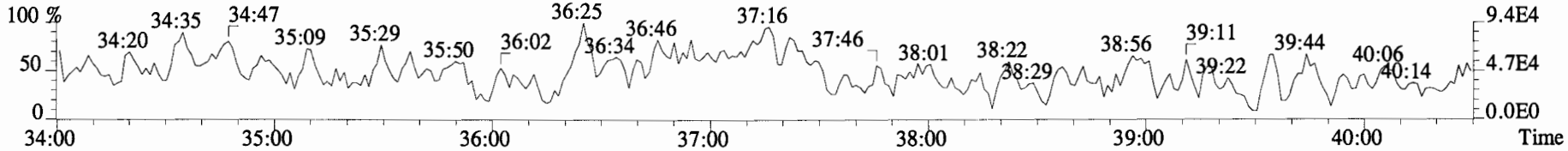
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



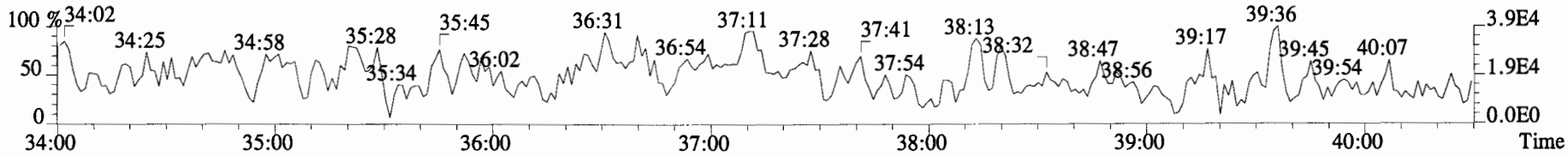
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



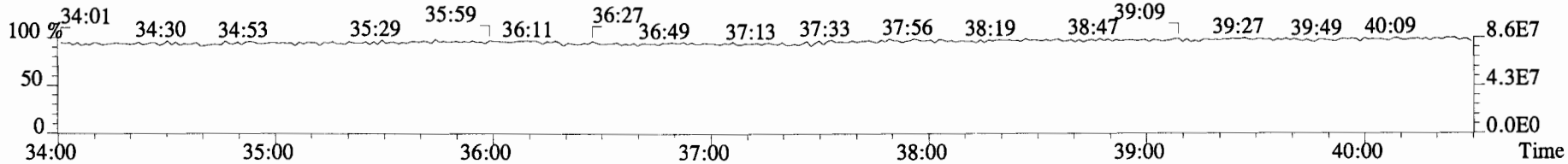
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60704.0,0.00%,F,F)



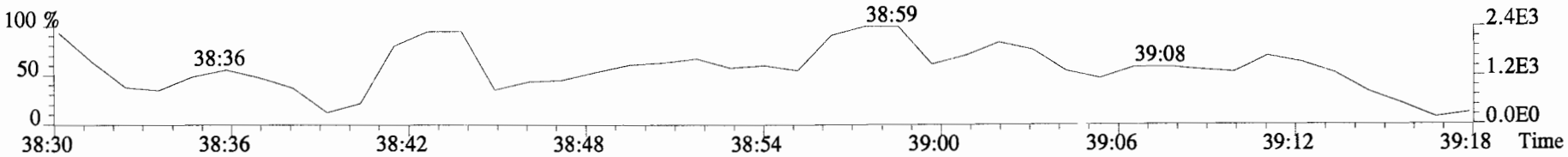
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23872.0,0.00%,F,F)



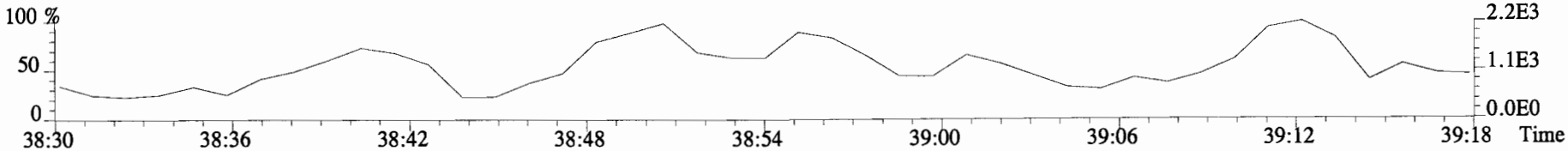
330.9792 S:12 F:3



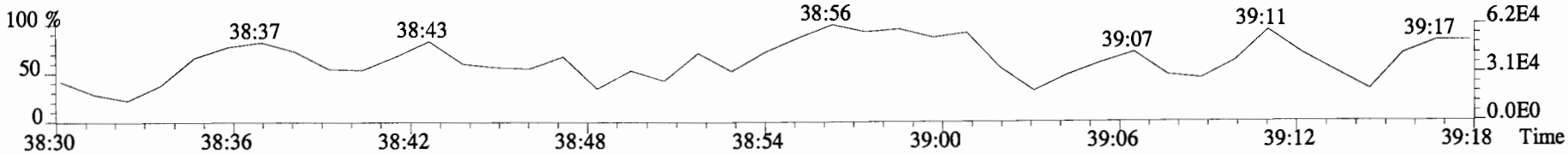
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2212.0,0.00%,F,F)



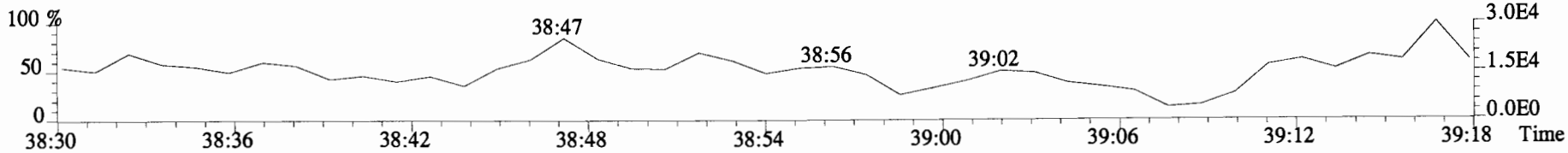
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



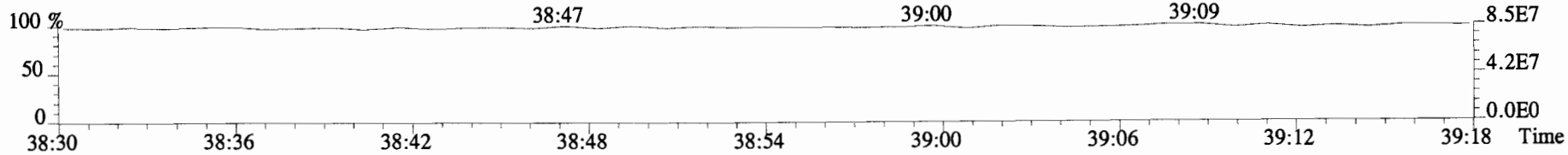
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60704.0,0.00%,F,F)



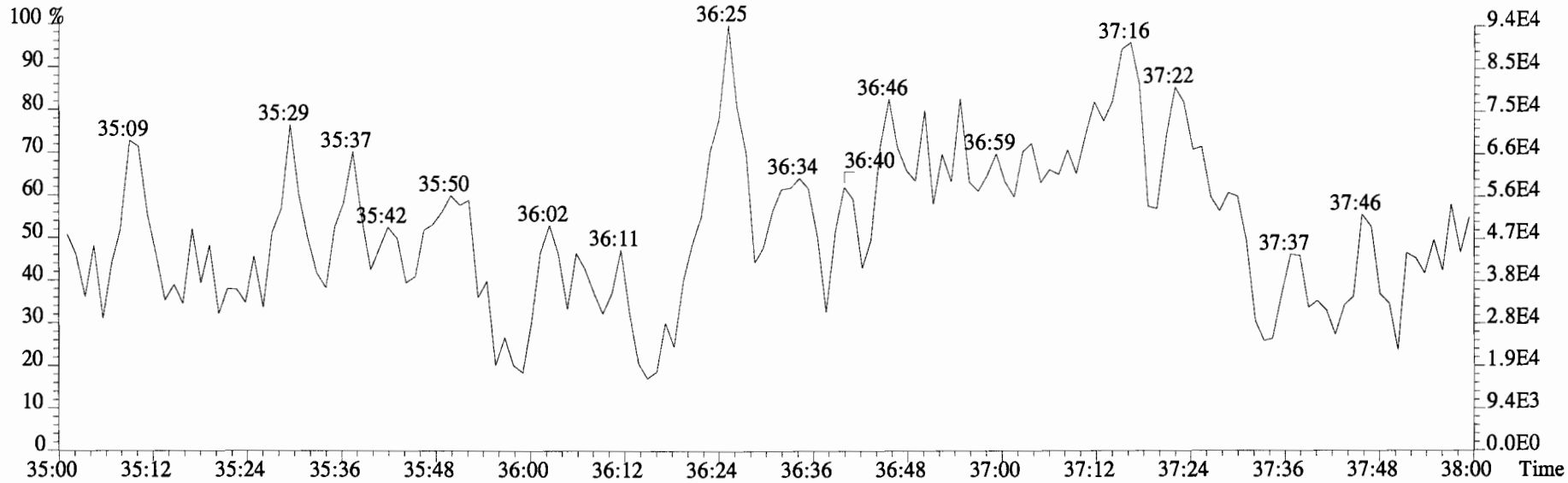
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23872.0,0.00%,F,F)



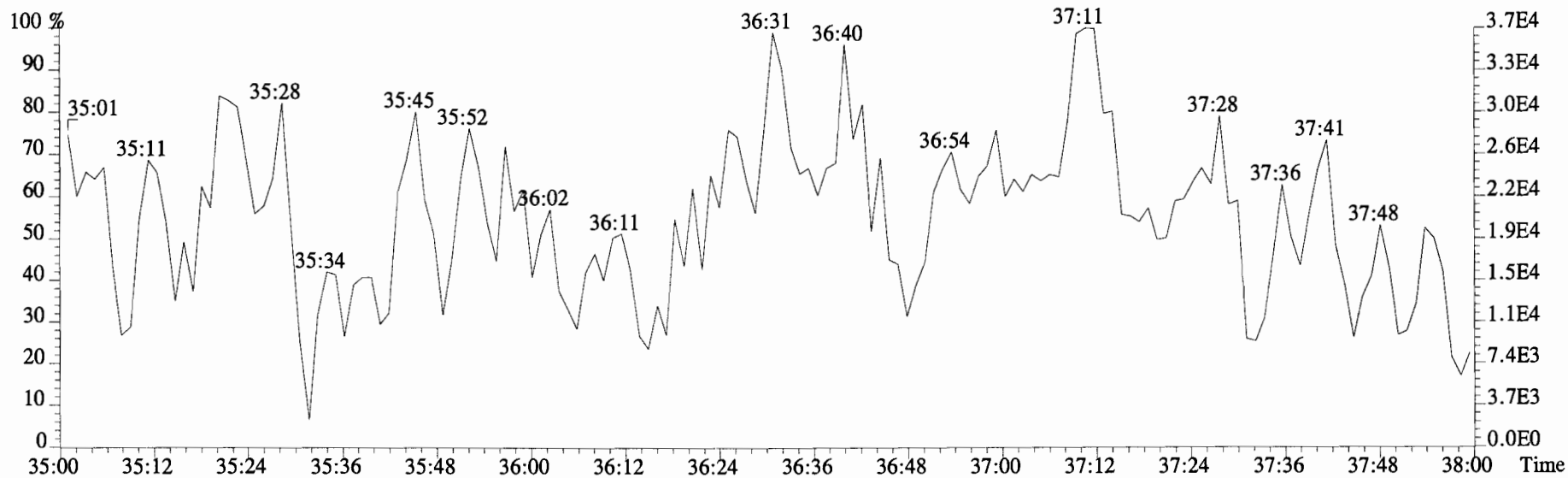
330.9792 S:12 F:3



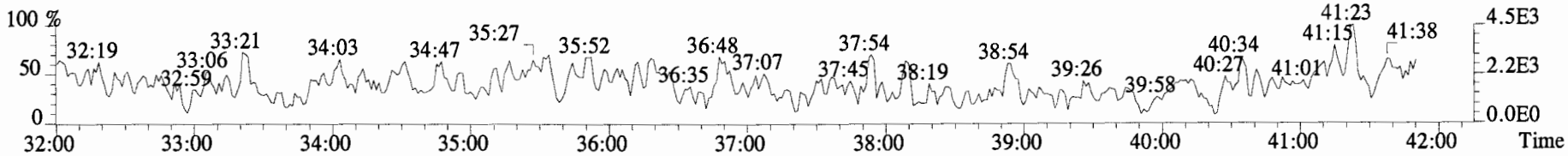
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,60704.0,0.00%,F,F)



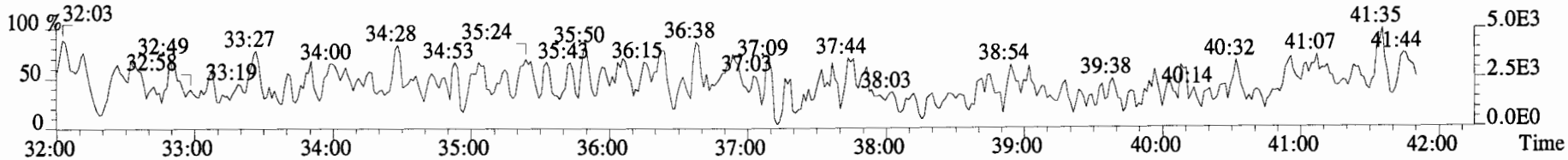
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23872.0,0.00%,F,F)



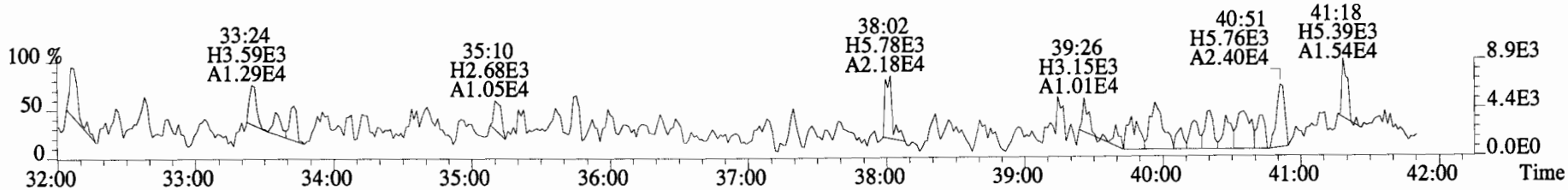
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



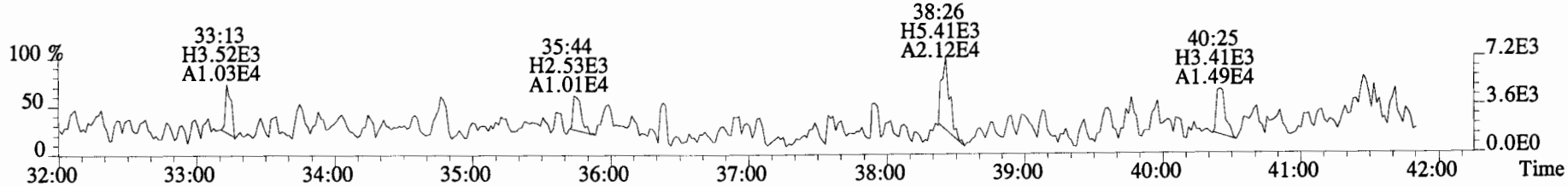
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2796.0,0.00%,F,F)



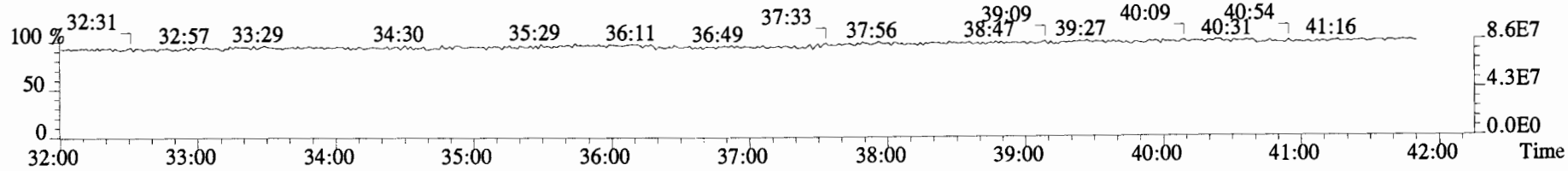
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



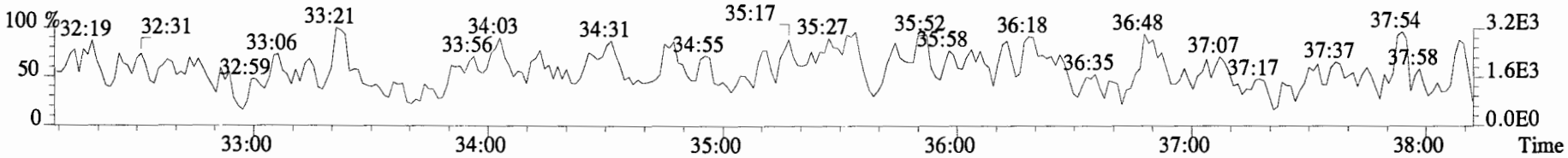
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



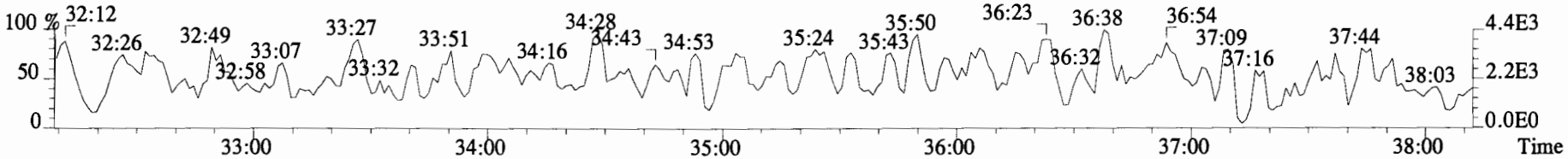
330.9792 S:12 F:3



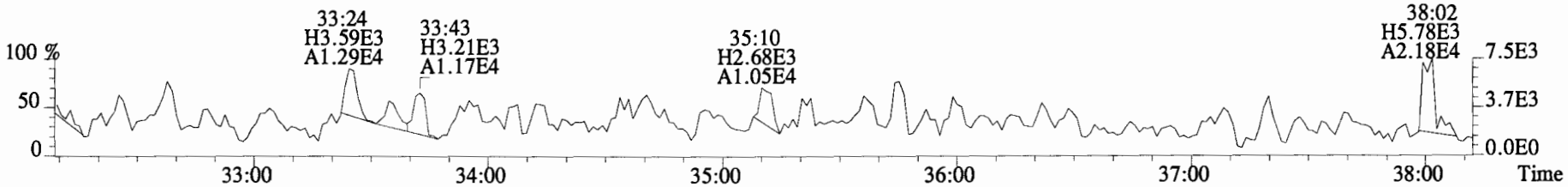
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



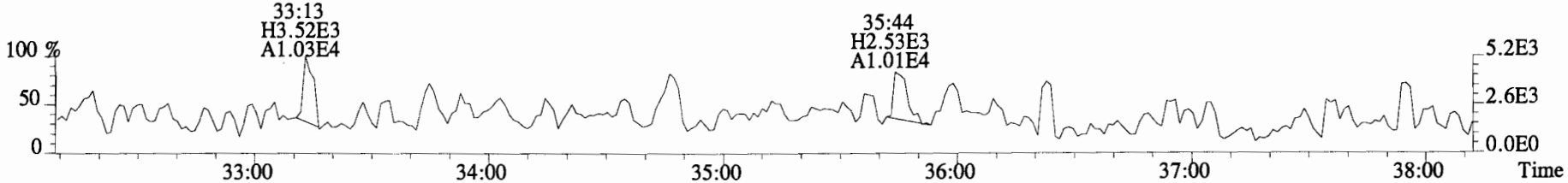
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2796.0,0.00%,F,F)



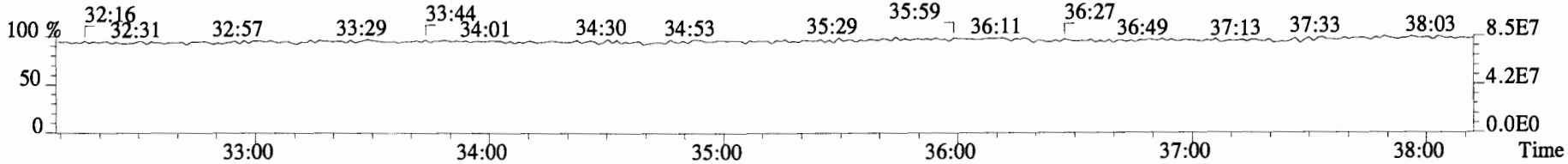
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



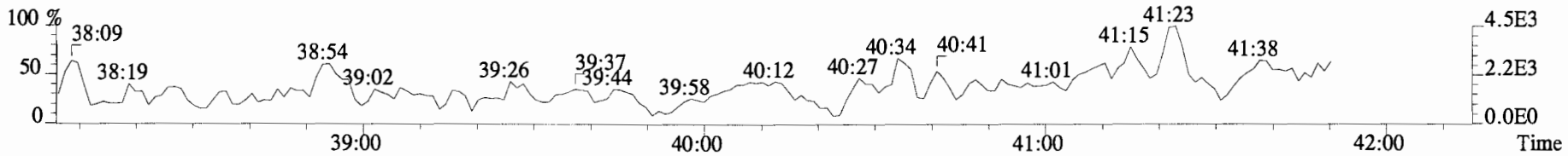
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



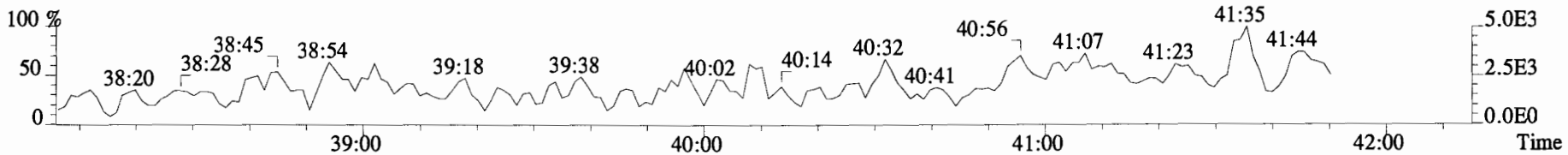
330.9792 S:12 F:3



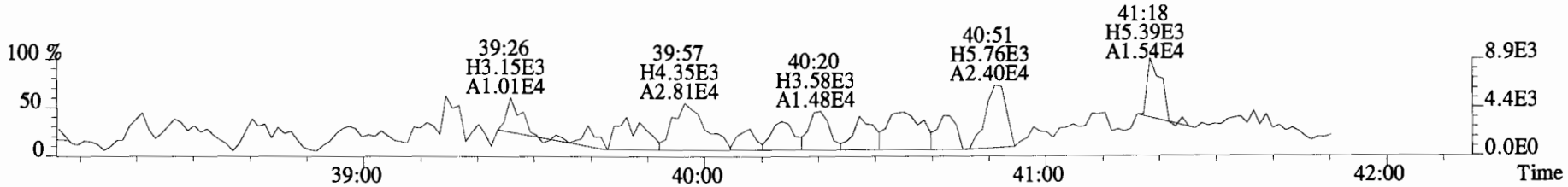
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



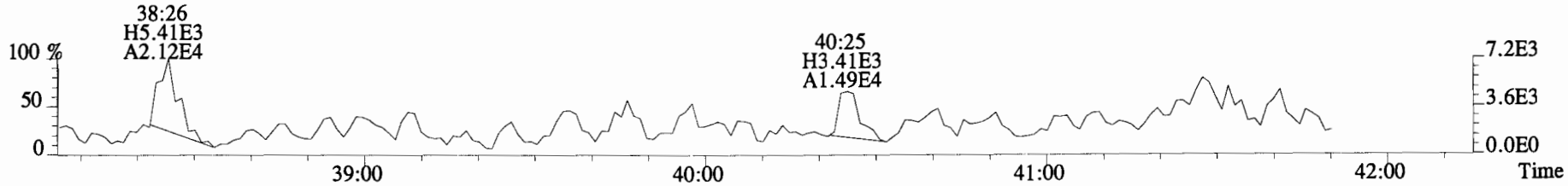
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2796.0,0.00%,F,F)



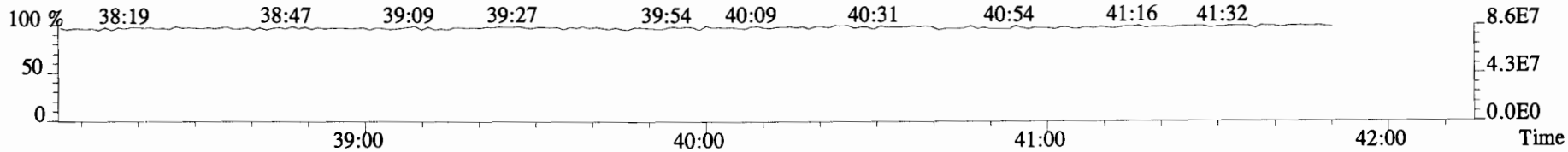
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



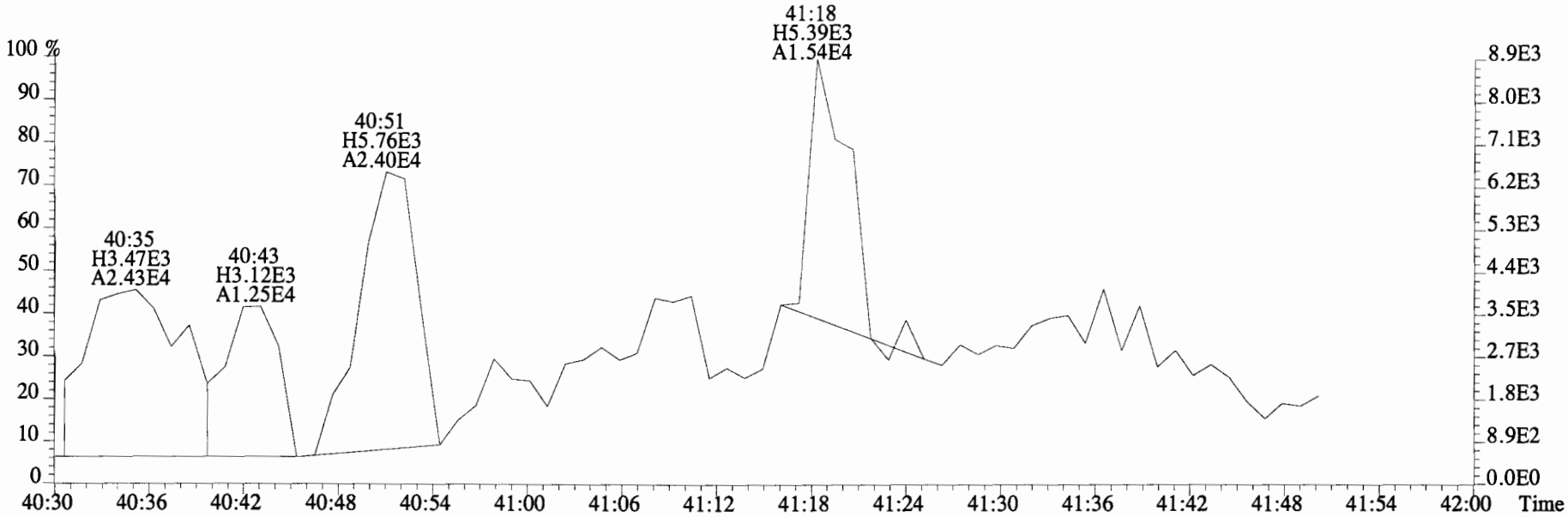
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



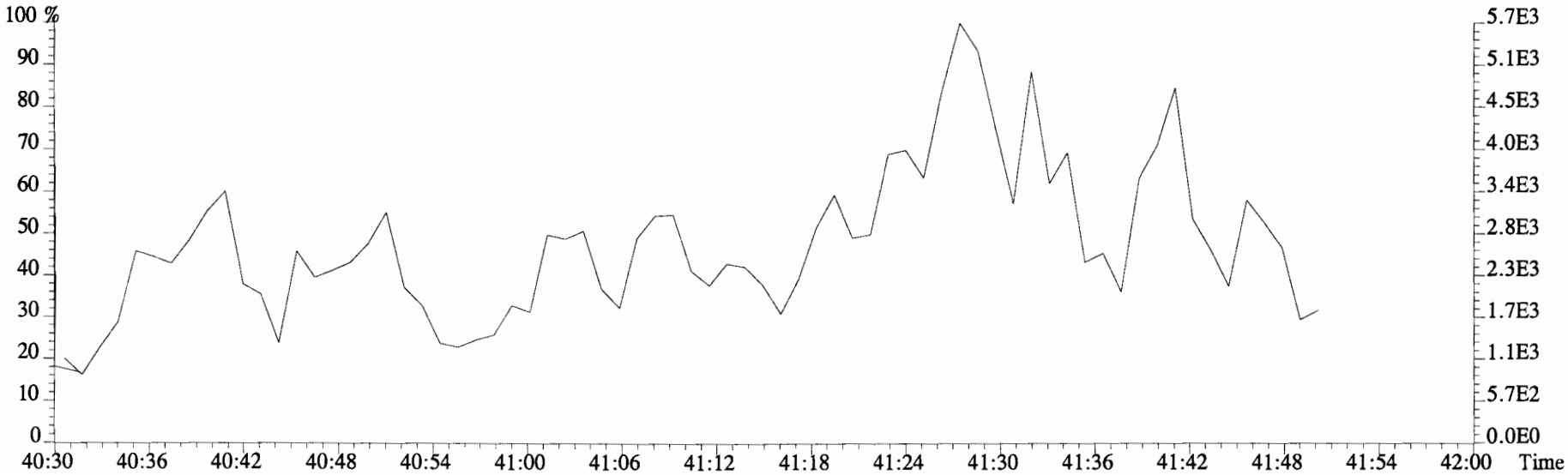
330.9792 S:12 F:3



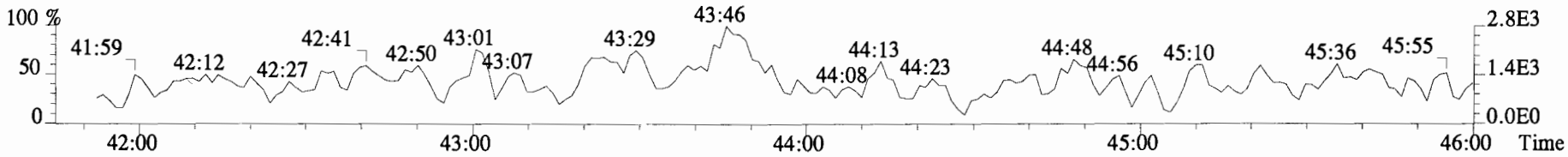
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



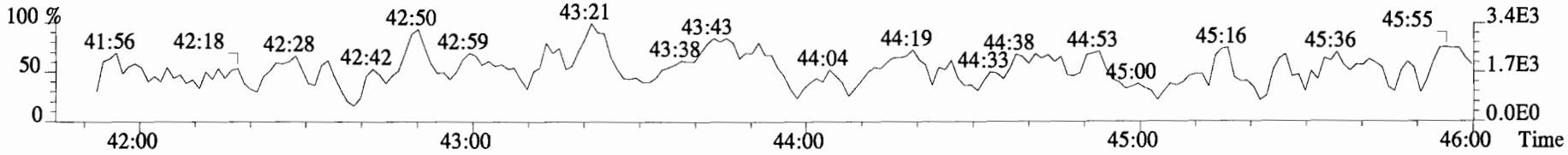
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2544.0,0.00%,F,F)



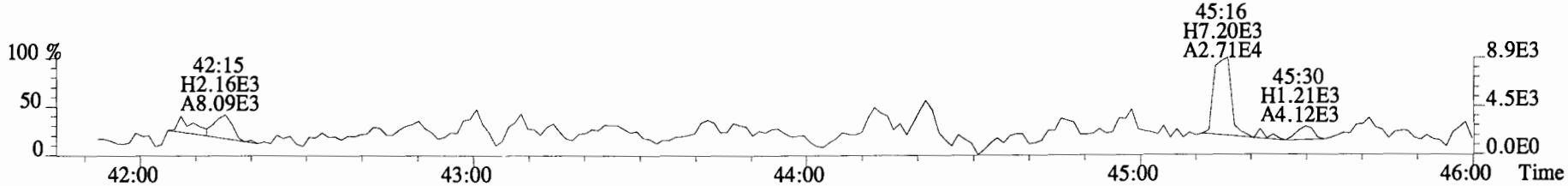
File:180110E1 #1-566 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



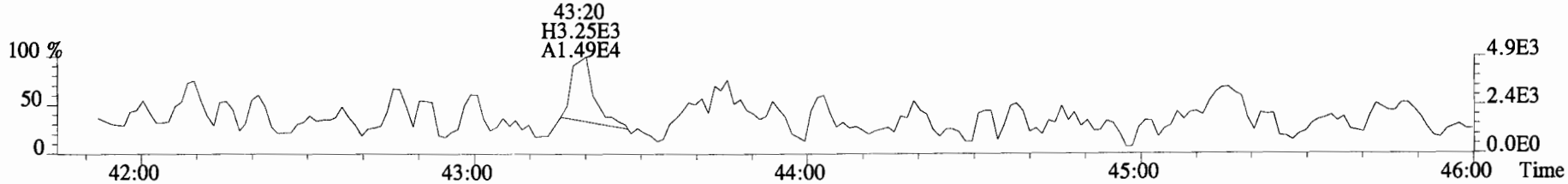
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



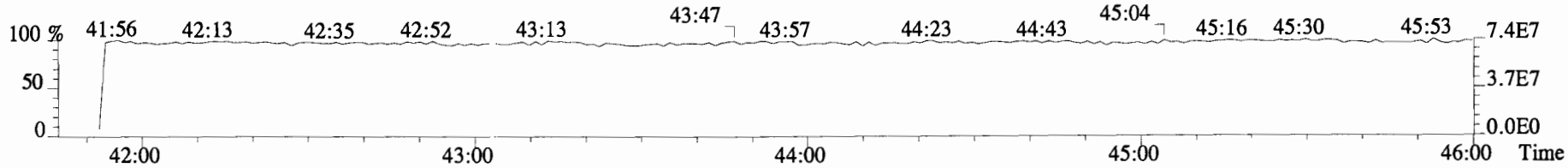
337.9207 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2528.0,0.00%,F,F)



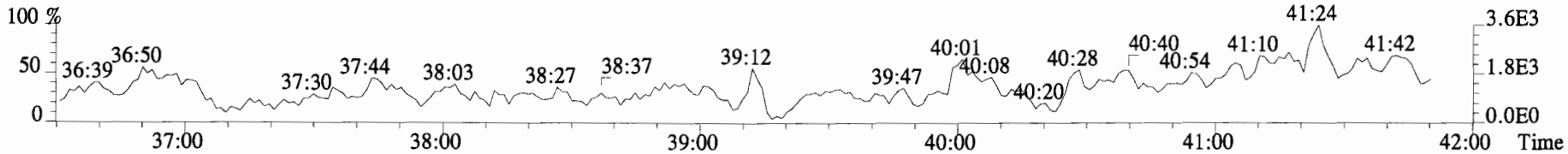
339.9177 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2152.0,0.00%,F,F)



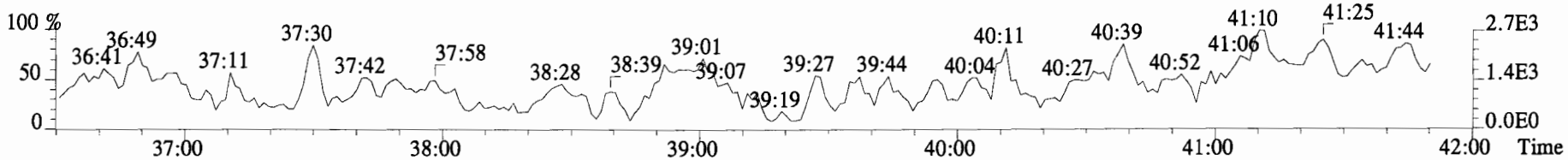
380.9760 S:12 F:4



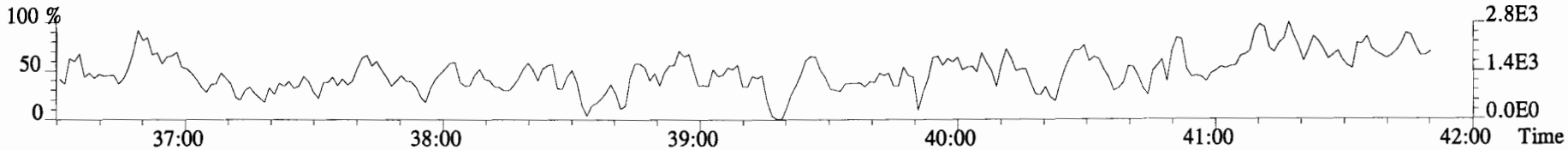
File:180110E1 #1-756 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



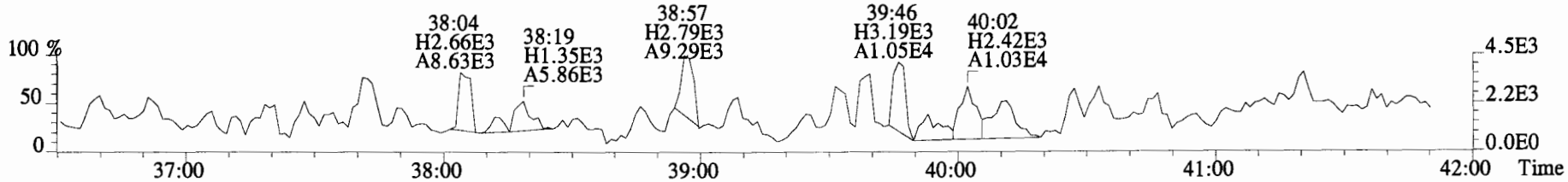
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1720.0,0.00%,F,F)



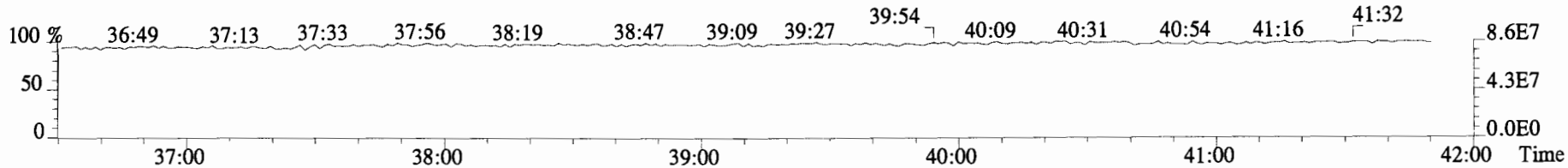
371.8817 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



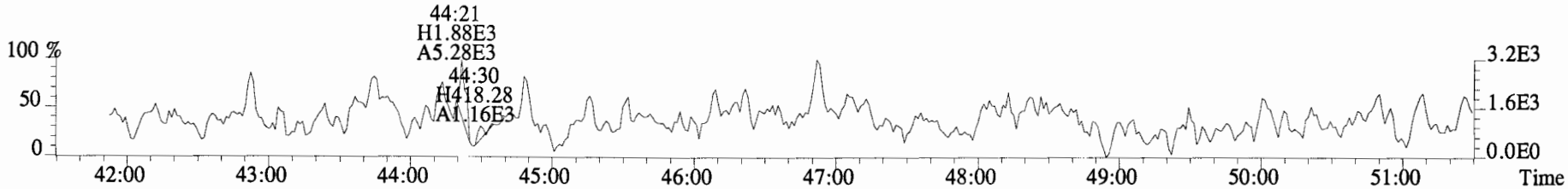
373.8788 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



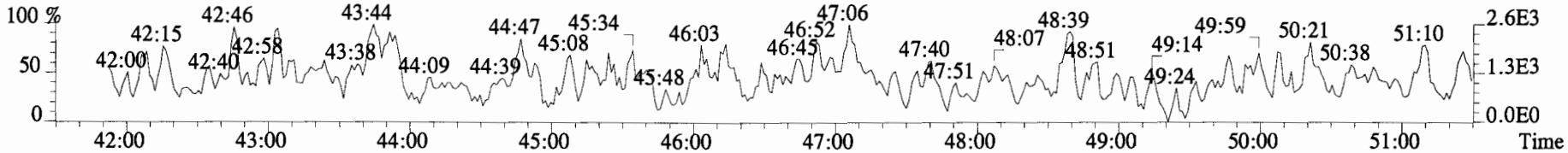
330.9792 S:12 F:3



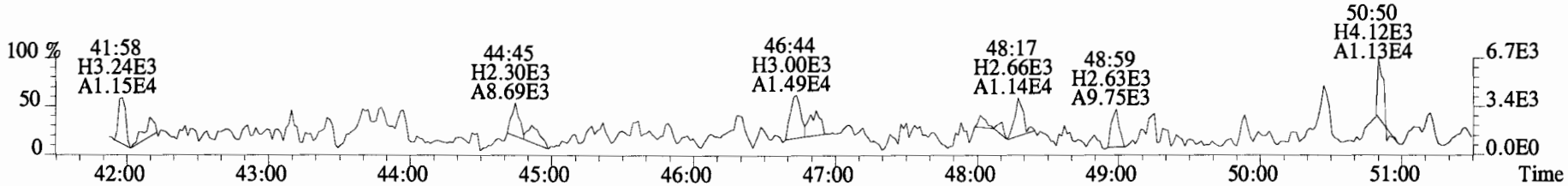
File:180110E1 #1-566 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1628.0,0.00%,F,F)



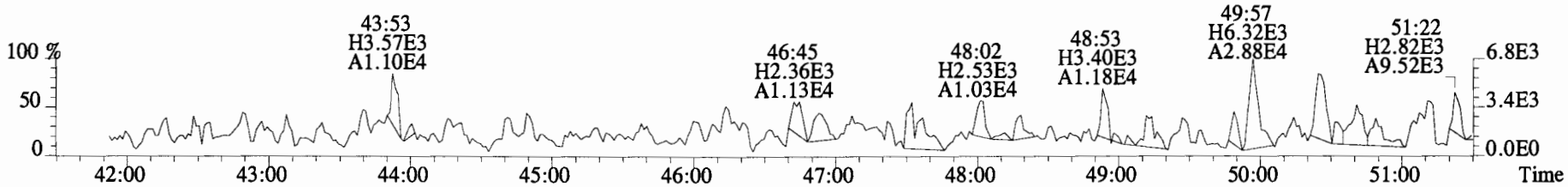
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



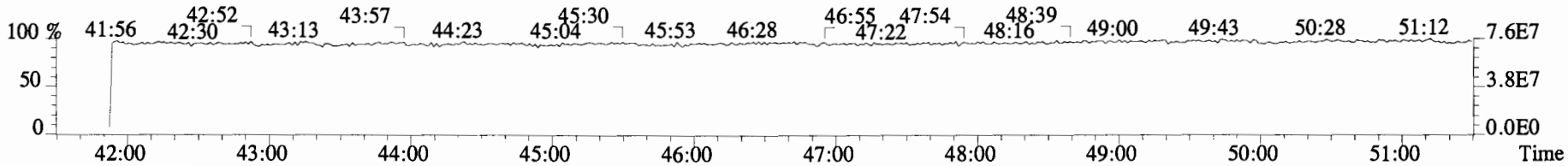
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1752.0,0.00%,F,F)



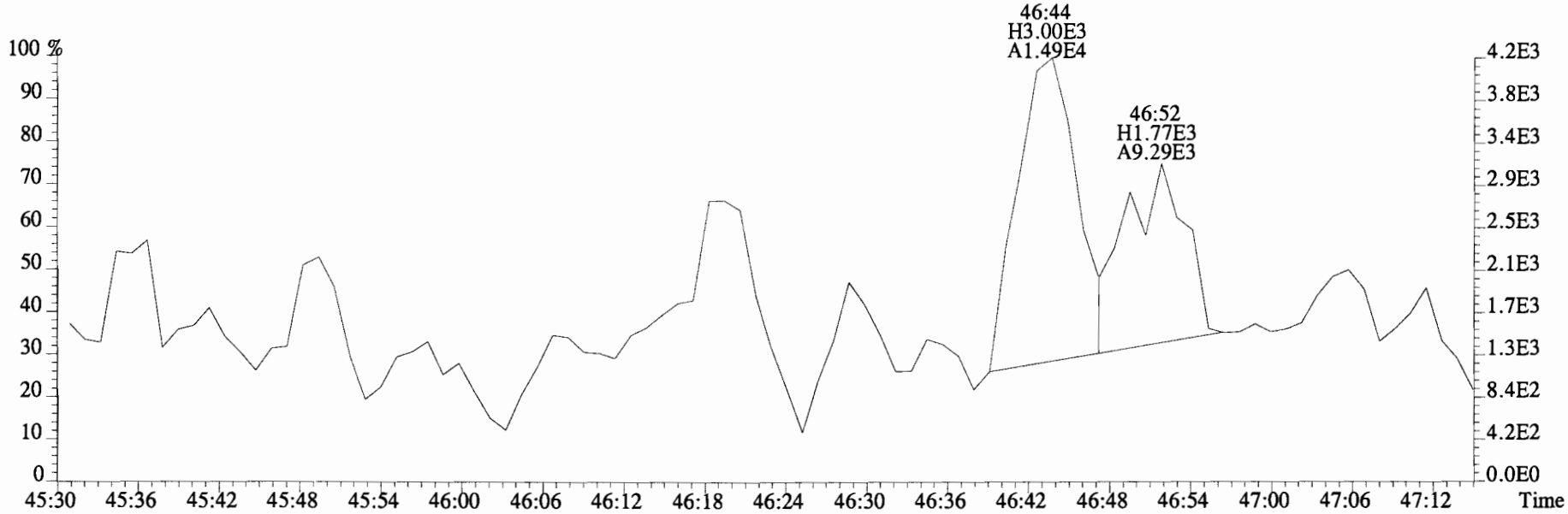
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



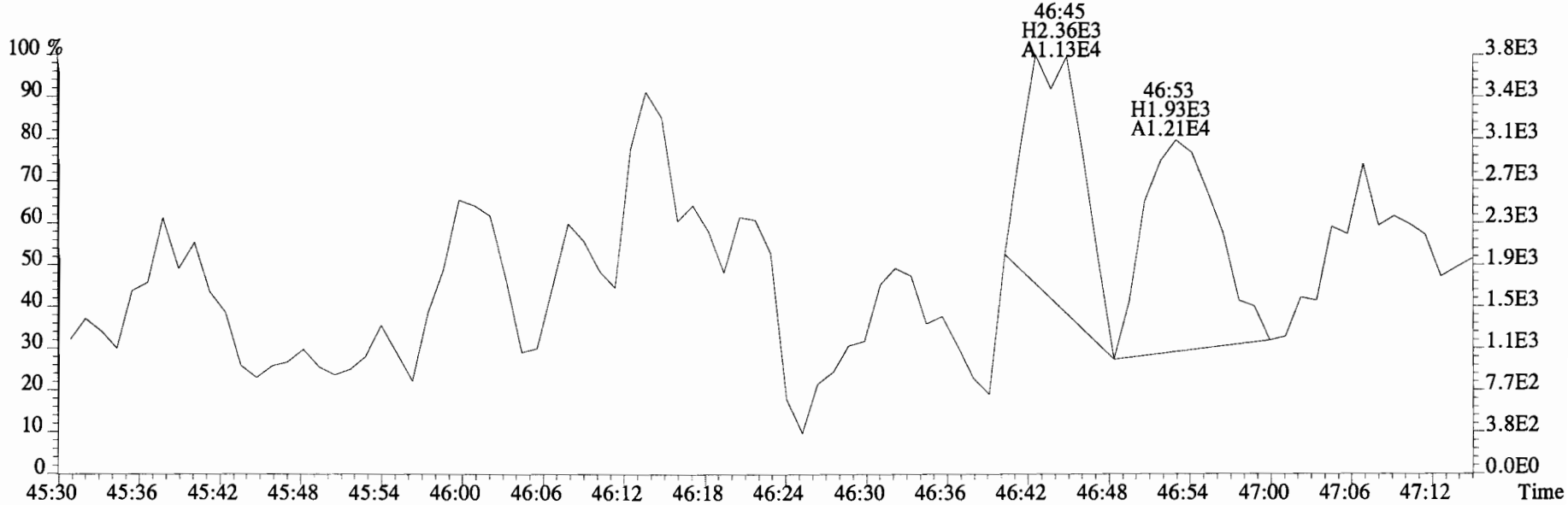
380.9760 S:12 F:4



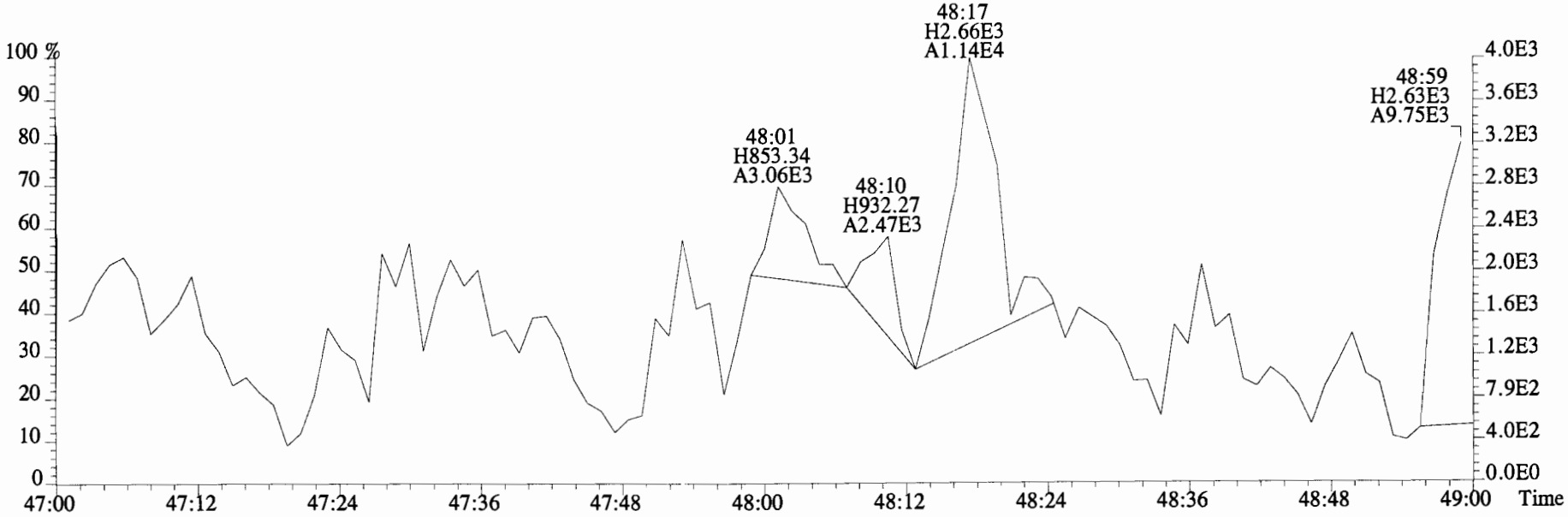
File:180110E1 #1-566 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1752.0,0.00%,F,F)



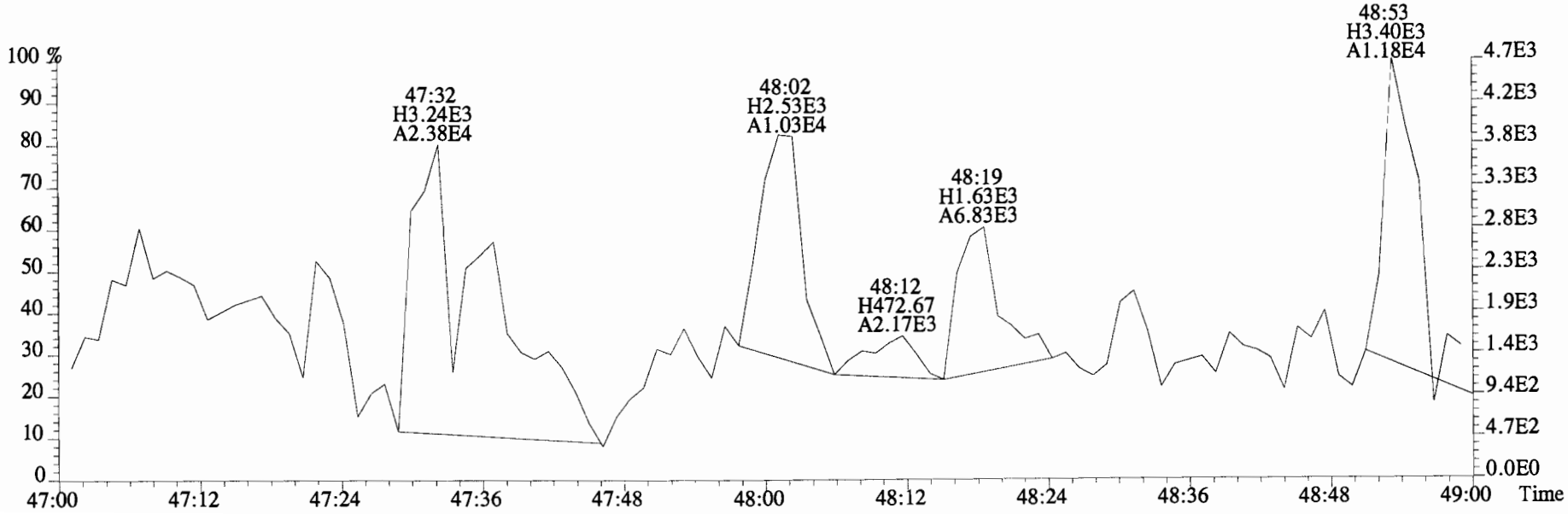
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



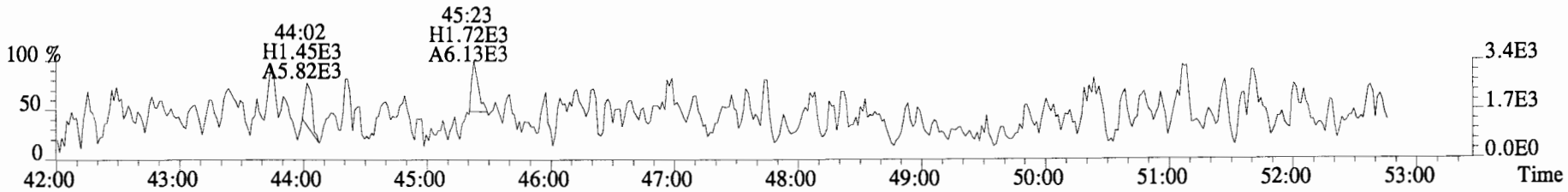
File:180110E1 #1-566 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1752.0,0.00%,F,F)



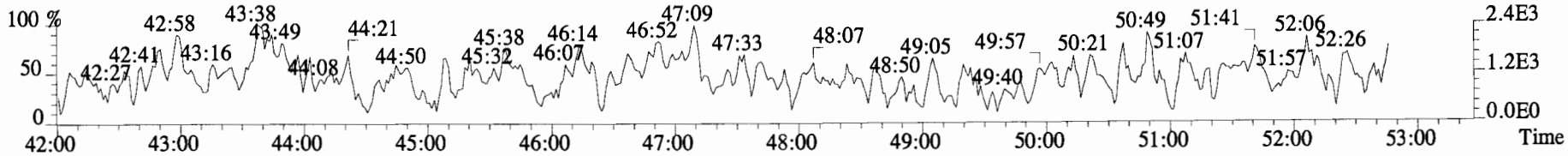
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



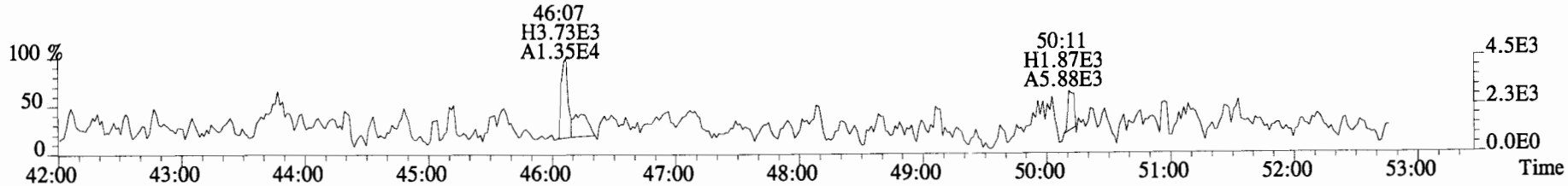
File:180110E1 #1-566 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1888.0,0.00%,F,F)



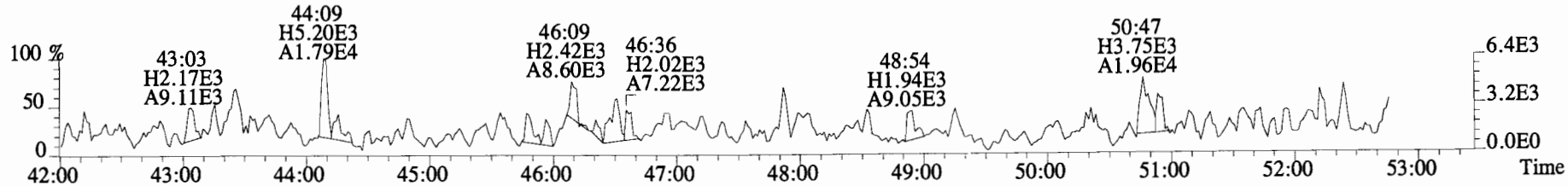
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1404.0,0.00%,F,F)



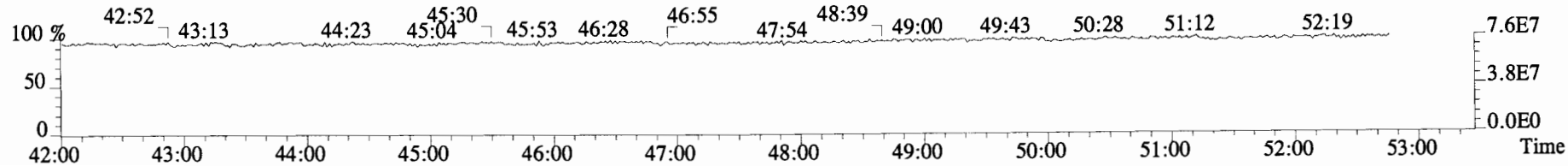
403.8457 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1648.0,0.00%,F,F)



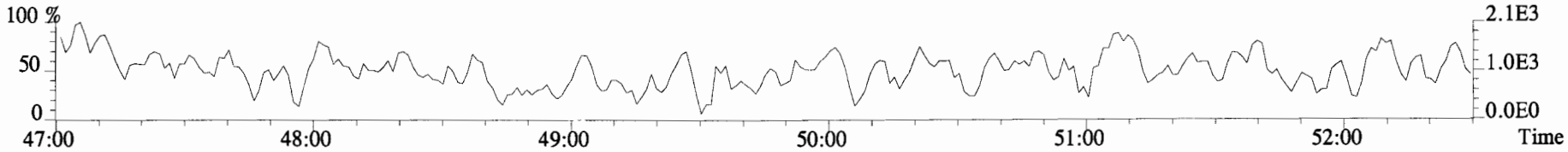
405.8428 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



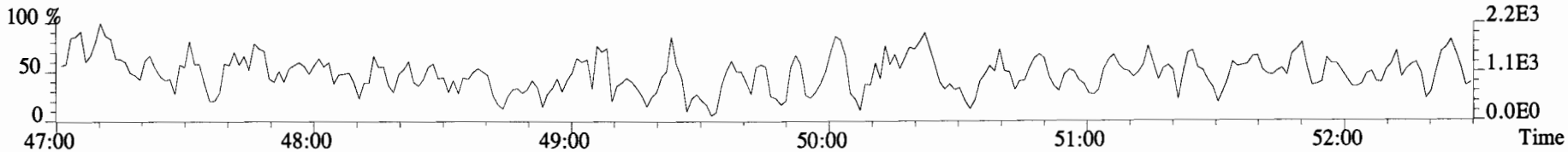
380.9760 S:12 F:4



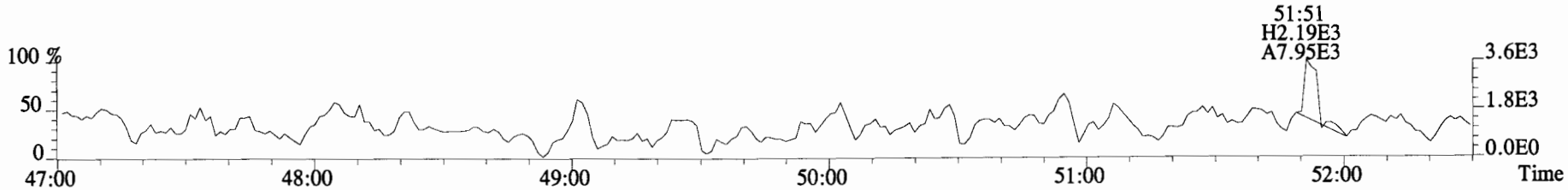
File:180110E1 #1-566 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1428.0,0.00%,F,F)



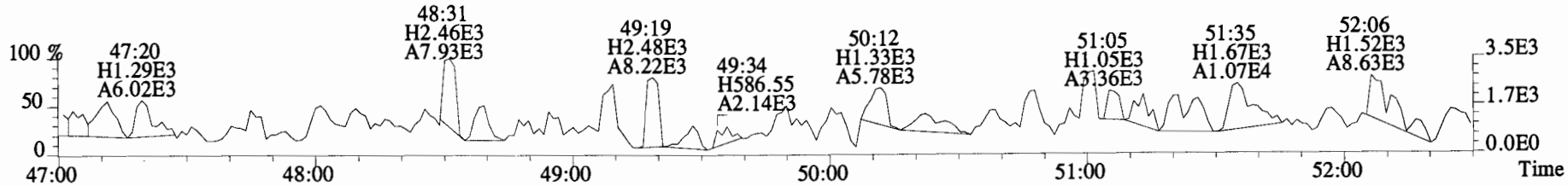
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)



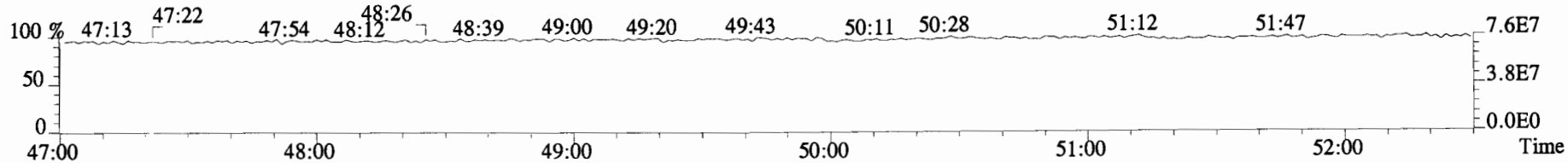
439.8038 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



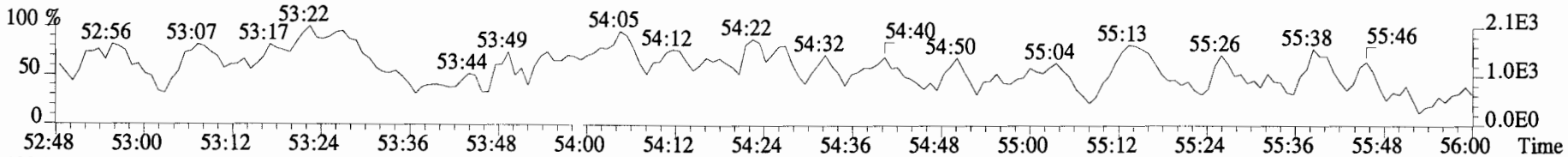
441.8008 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1452.0,0.00%,F,F)



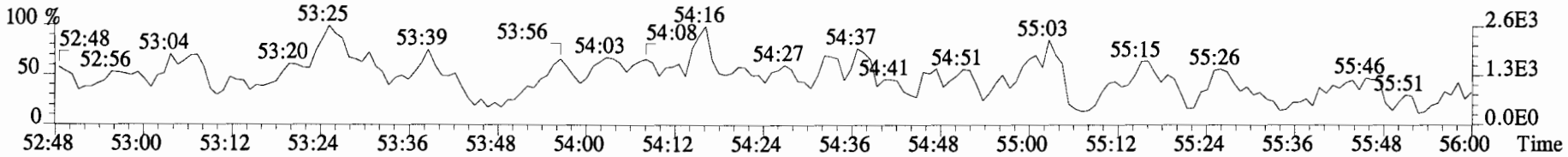
380.9760 S:12 F:4



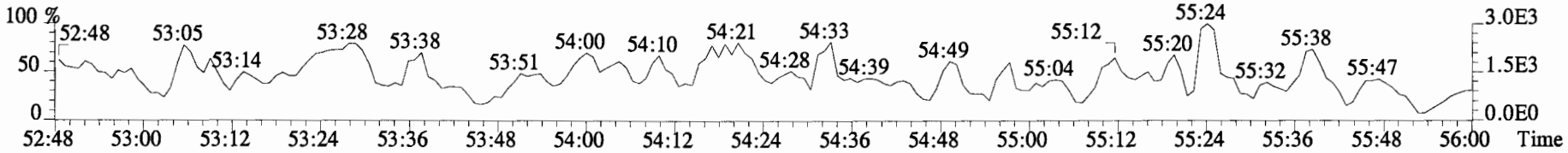
File:180110E1 #1-418 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



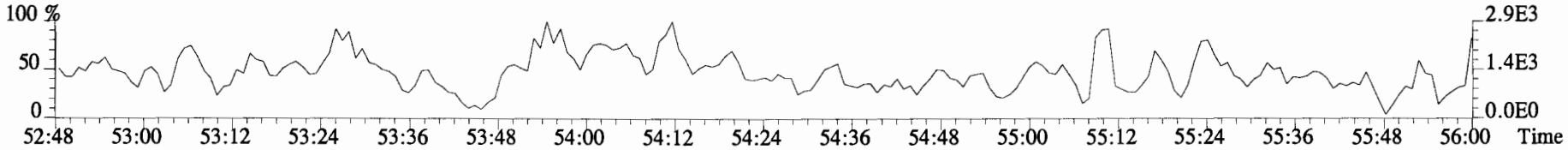
429.7606 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



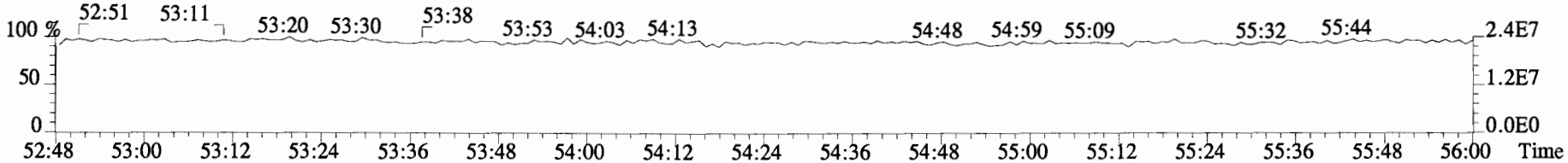
439.8038 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1896.0,0.00%,F,F)



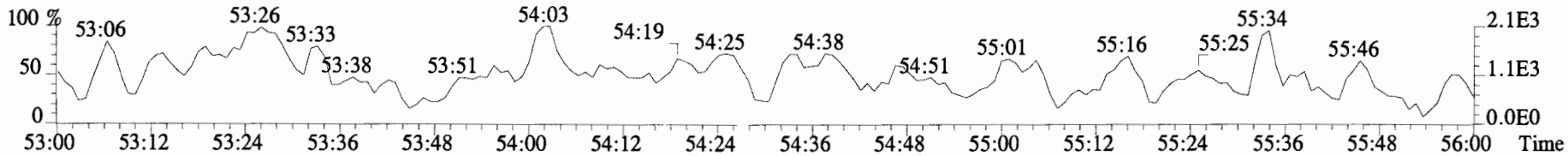
441.8008 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



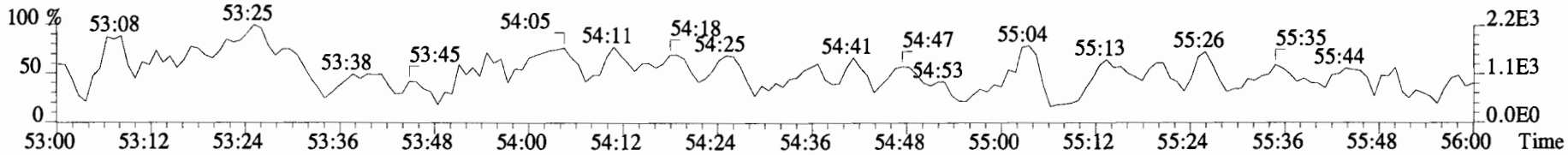
492.9697 S:12 F:5



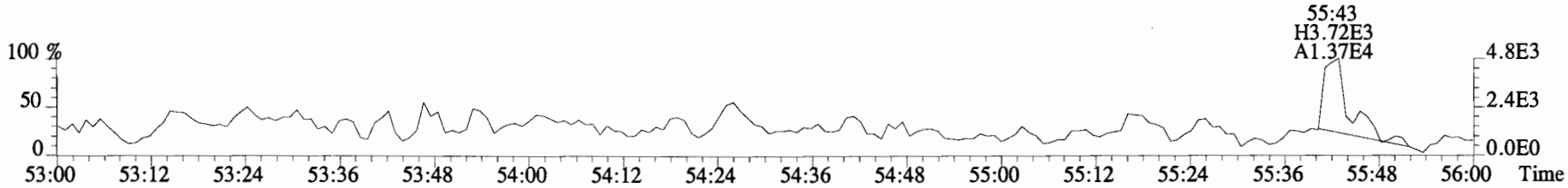
File:180110E1 #1-418 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1456.0,0.00%,F,F)



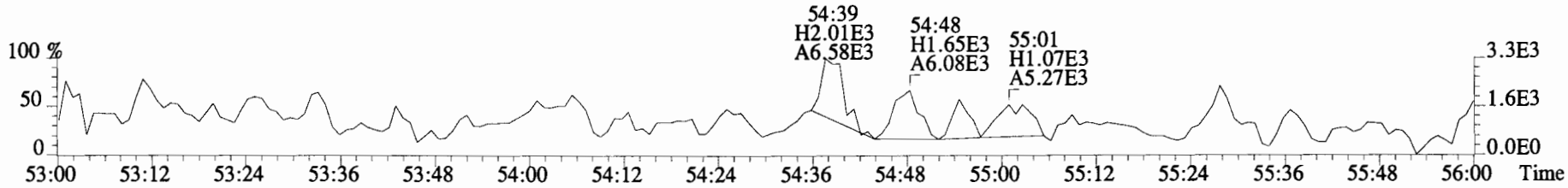
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1596.0,0.00%,F,F)



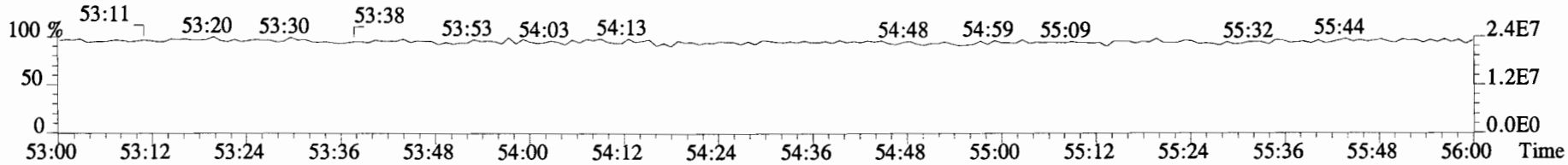
473.7648 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1912.0,0.00%,F,F)



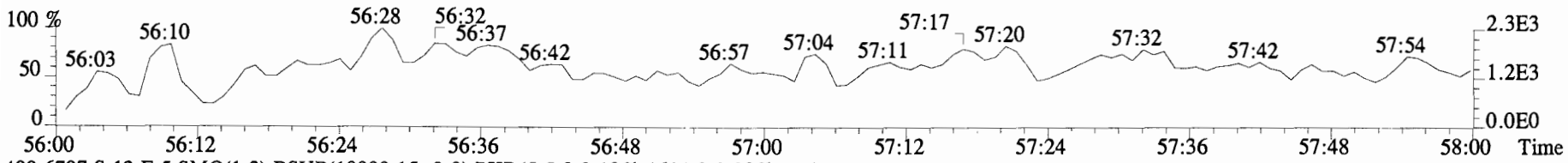
475.7619 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



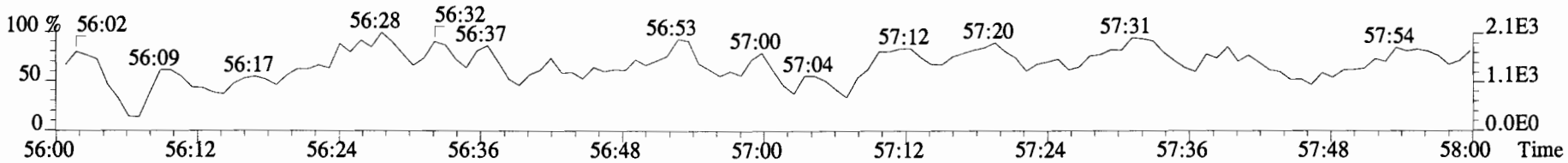
492.9697 S:12 F:5



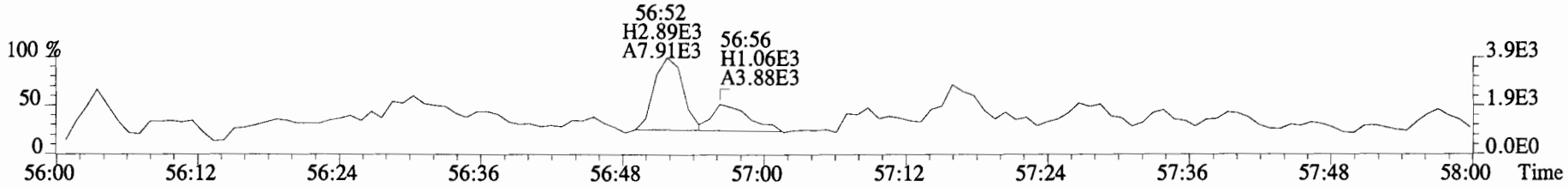
File:180110E1 #1-418 Acq:11-JAN-2018 01:42:00 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1704.0,0.00%,F,F)



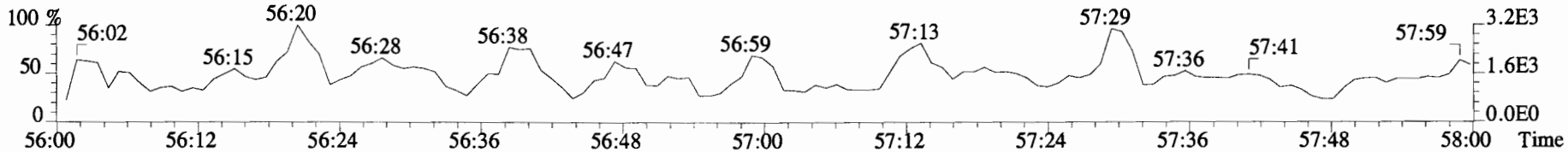
499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



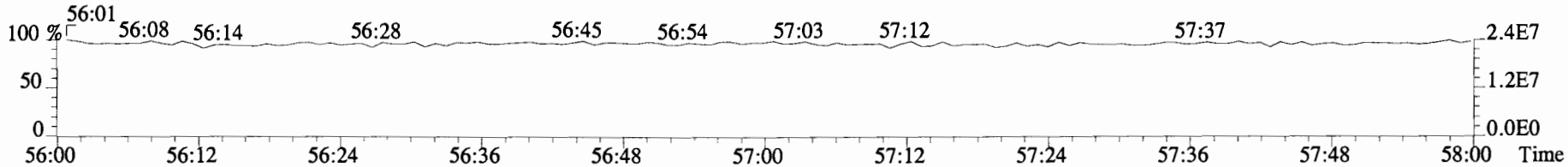
509.7229 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1688.0,0.00%,F,F)



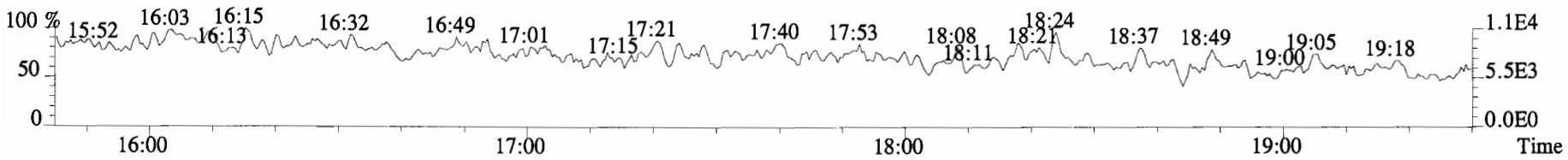
511.7199 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1676.0,0.00%,F,F)



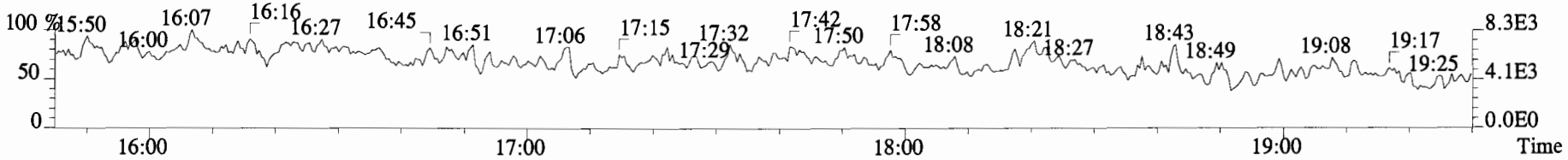
492.9697 S:12 F:5



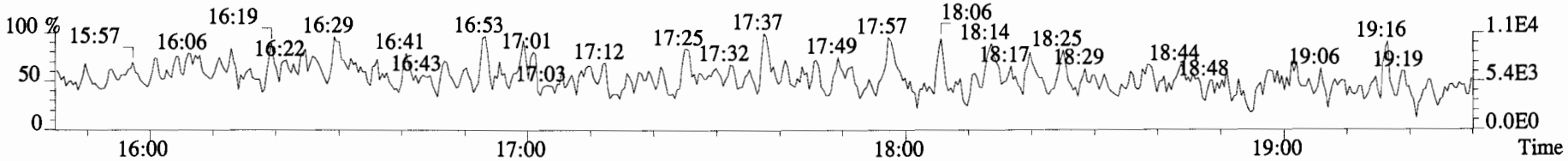
File:180110E1 #1-867 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10384.0,0.00%,F,F)



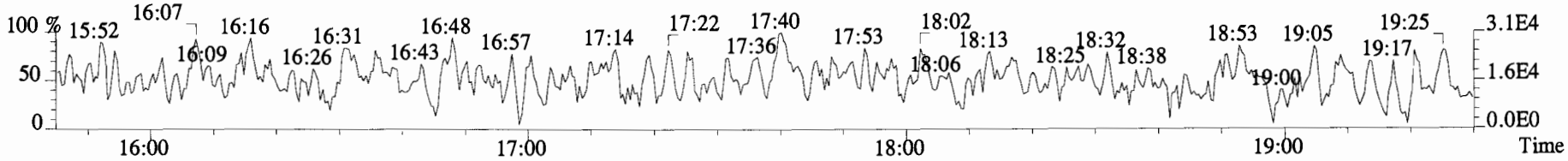
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7360.0,0.00%,F,F)



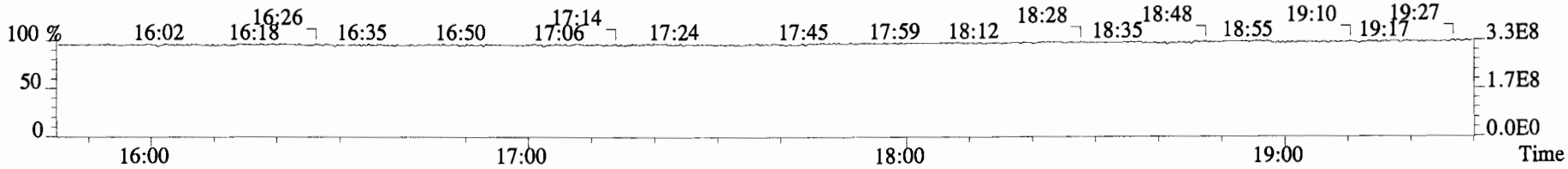
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7560.0,0.00%,F,F)



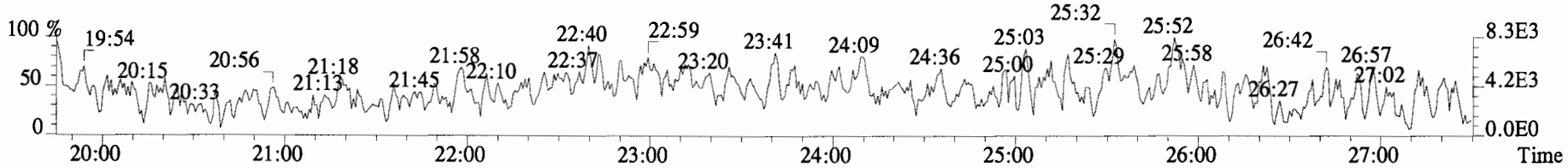
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21176.0,0.00%,F,F)



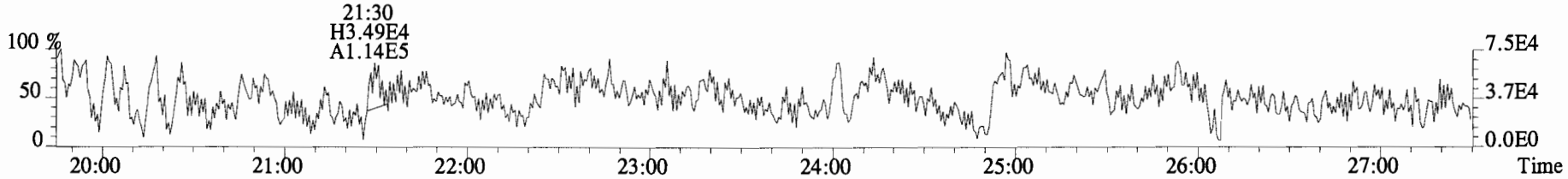
180.9880 S:4



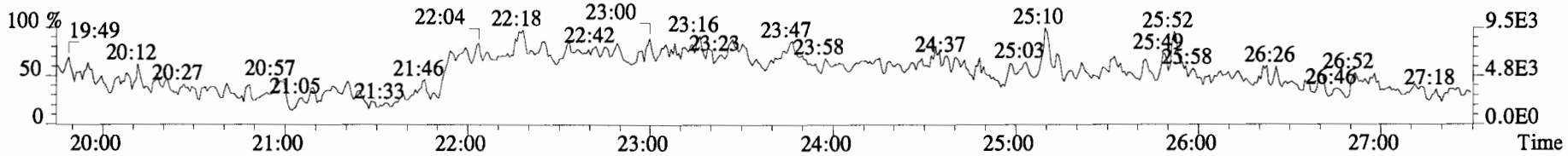
File:180110E1 #1-757 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4856.0,0.00%,F,F)



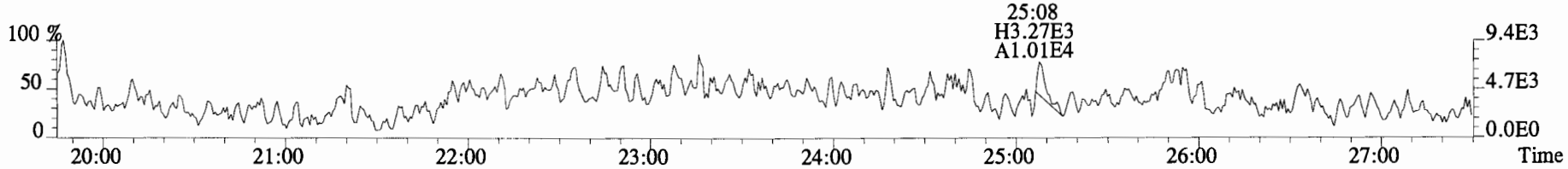
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48884.0,0.00%,F,F)



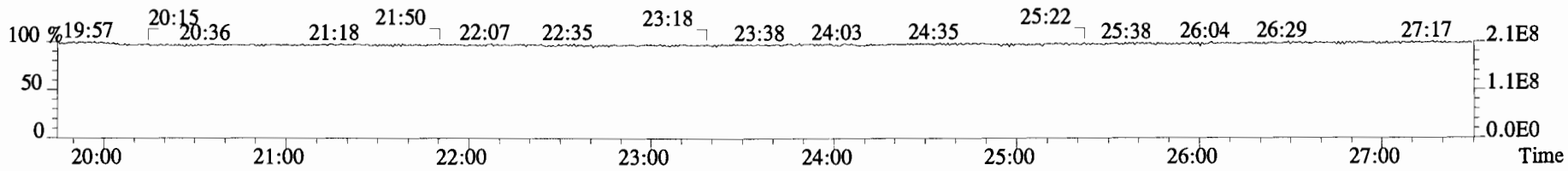
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6716.0,0.00%,F,F)



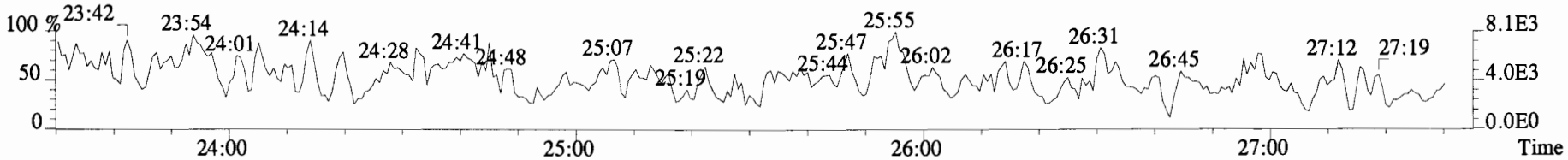
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4760.0,0.00%,F,F)



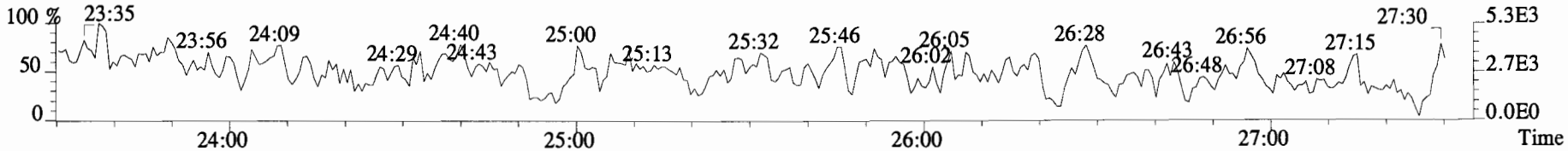
230.9856 S:4 F:2



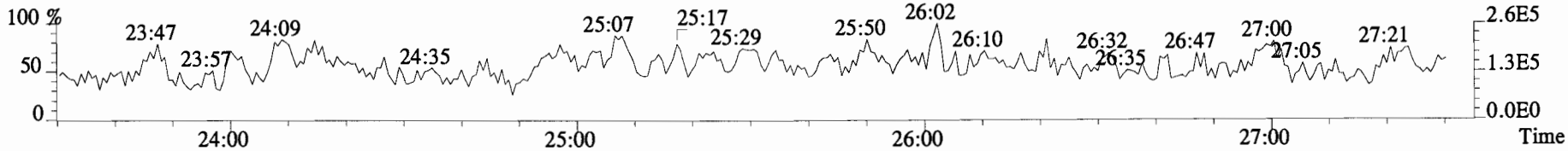
File:180110E1 #1-757 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5424.0,0.00%,F,F)



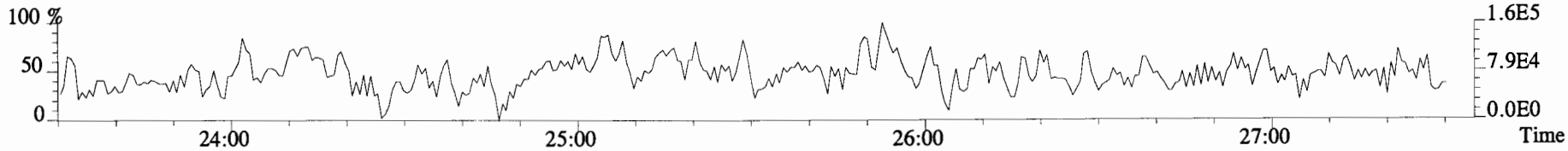
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3424.0,0.00%,F,F)



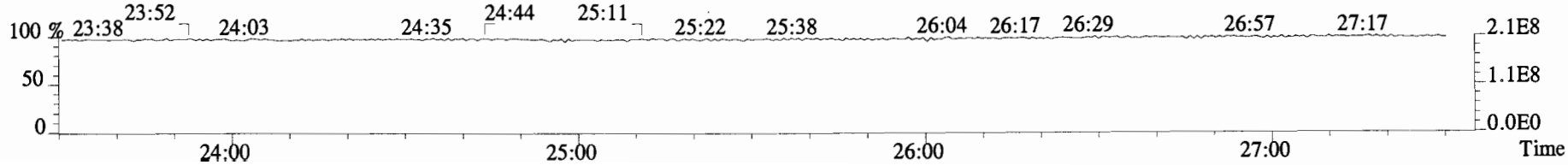
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,197012.0,0.00%,F,F)



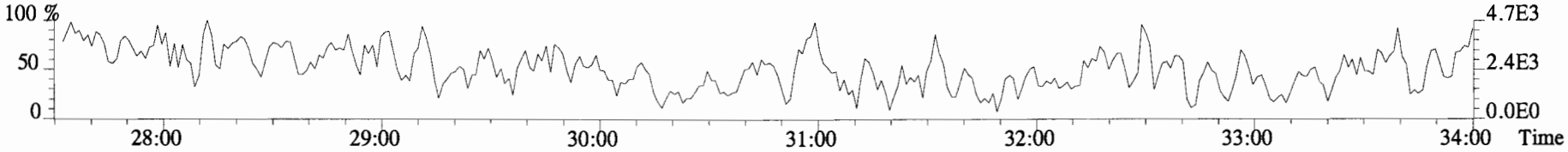
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,100936.0,0.00%,F,F)



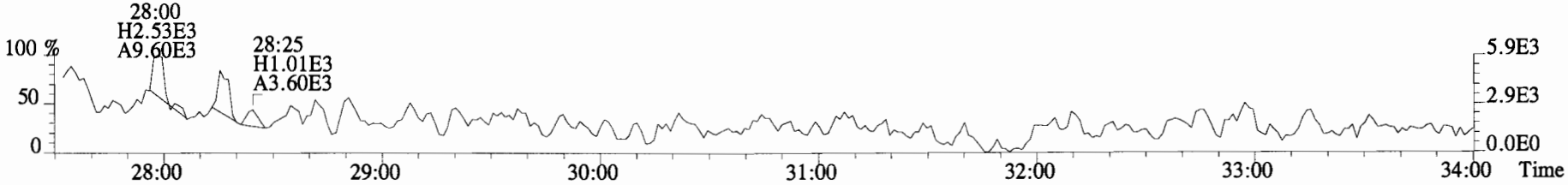
230.9856 S:4 F:2



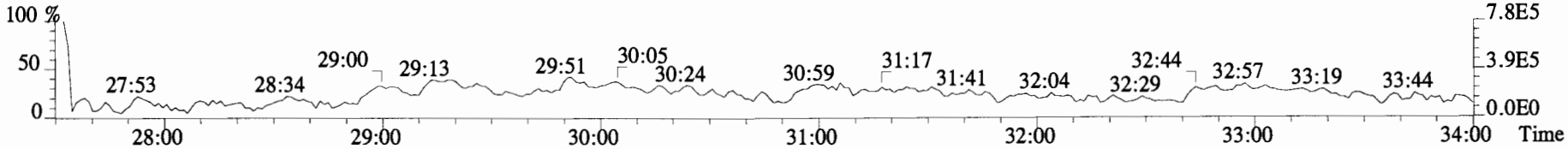
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3340.0,0.00%,F,F)



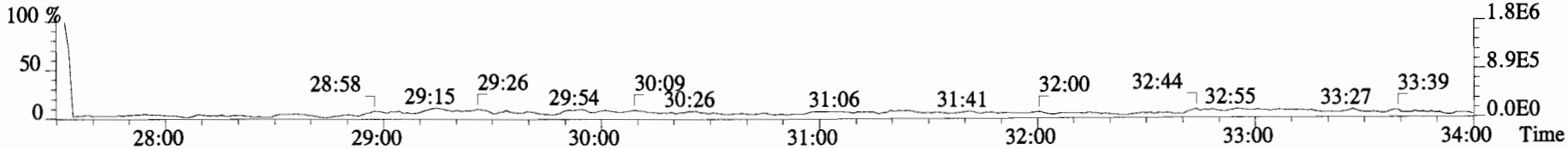
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2444.0,0.00%,F,F)



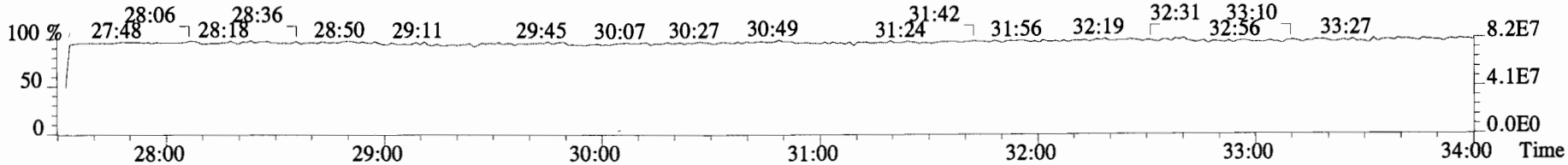
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,240288.0,0.00%,F,F)



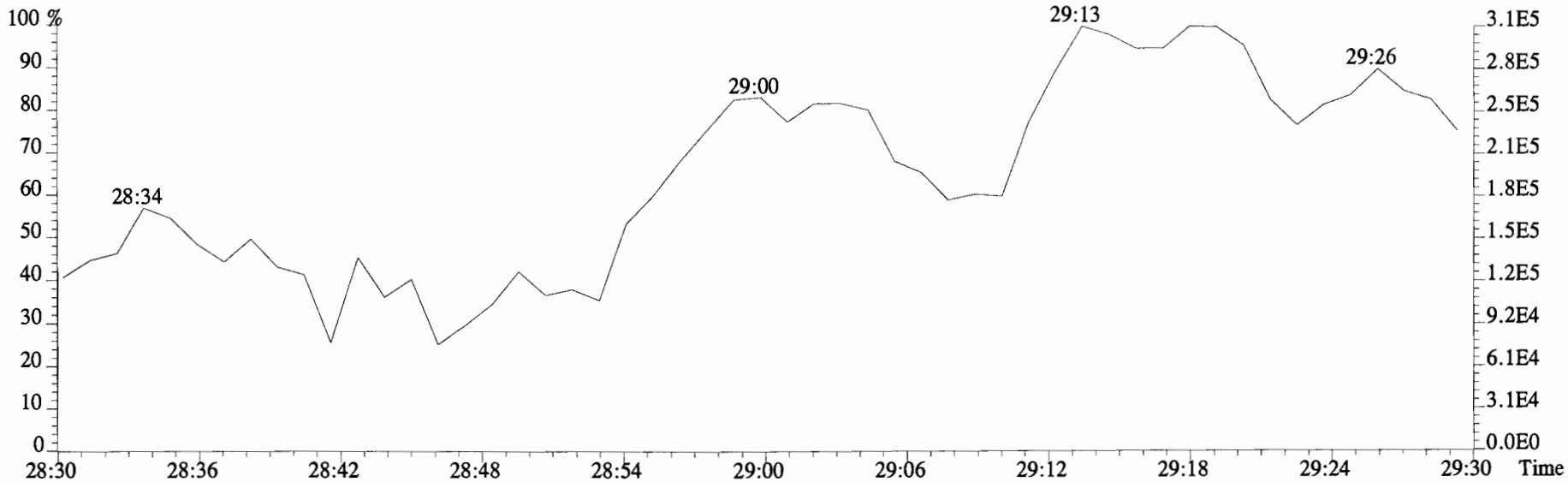
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,120624.0,0.00%,F,F)



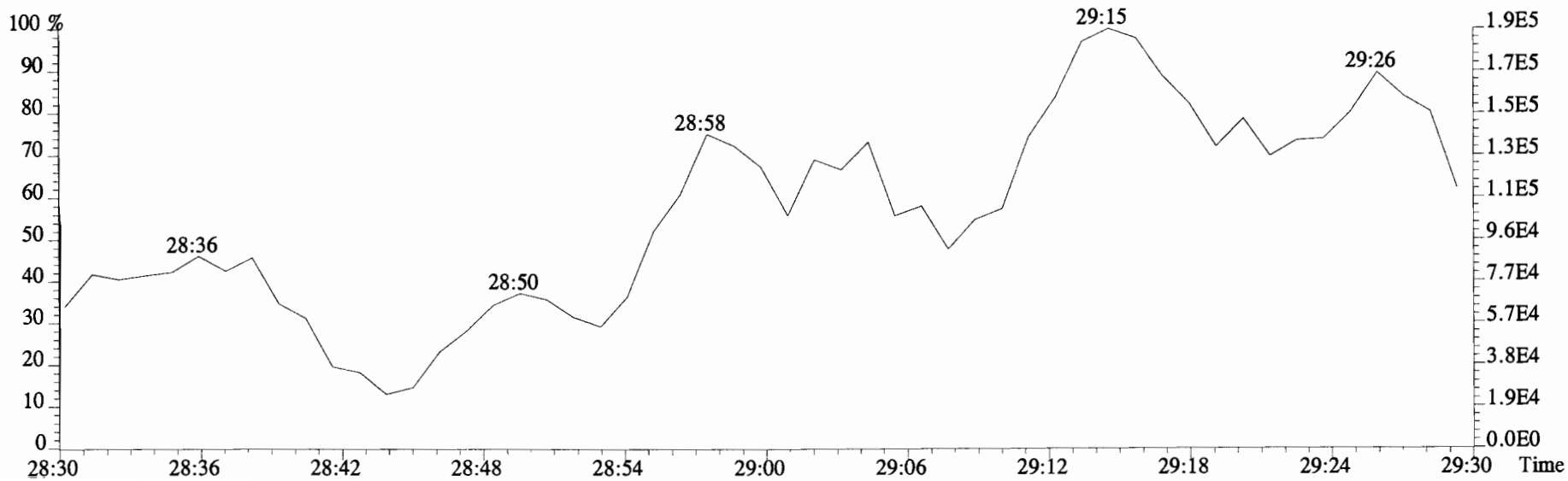
330.9792 S:4 F:3



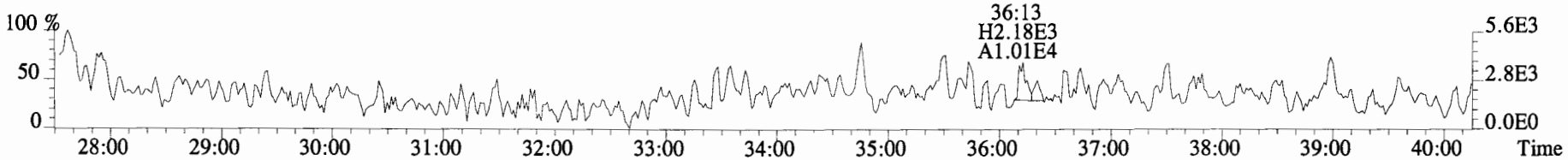
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,240288.0,0.00%,F,F)



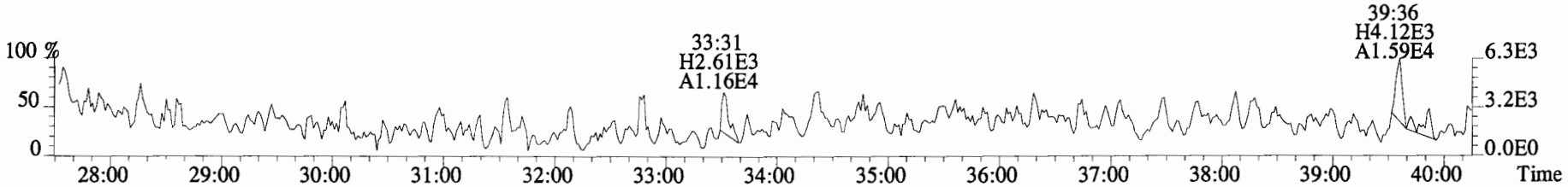
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,120624.0,0.00%,F,F)



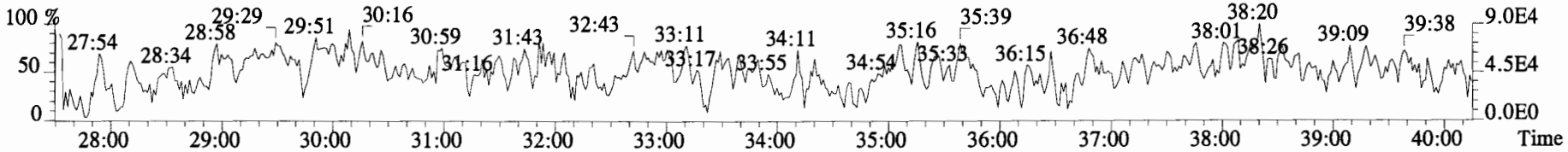
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



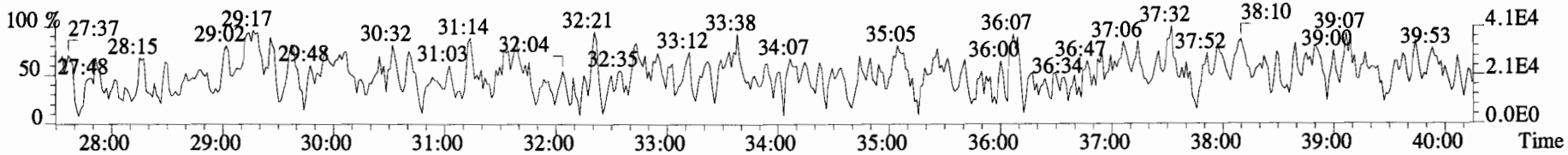
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



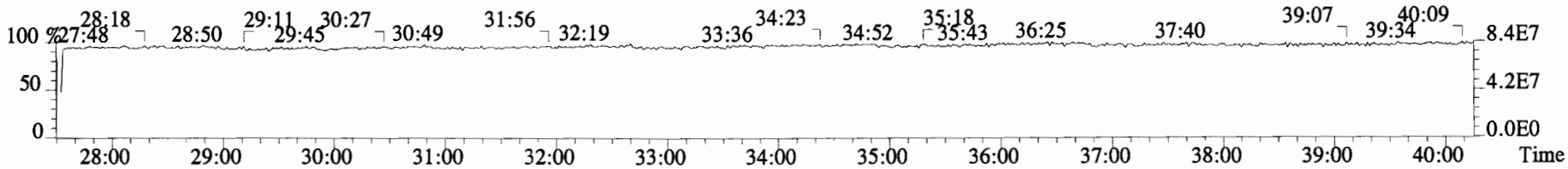
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59728.0,0.00%,F,F)



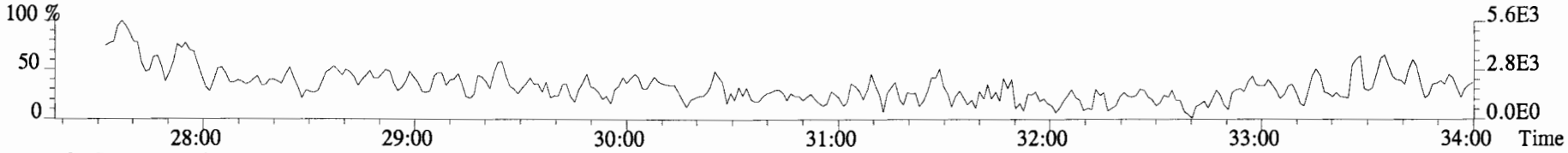
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26488.0,0.00%,F,F)



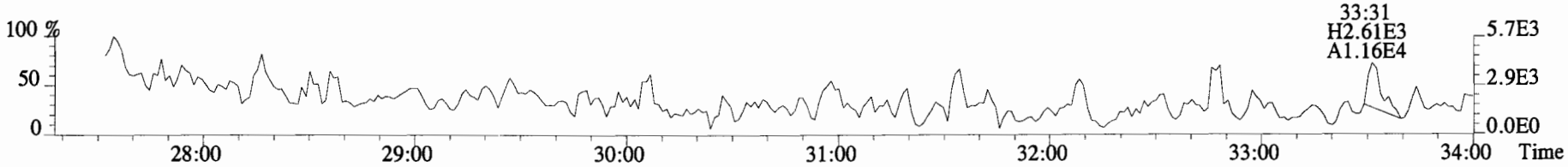
330.9792 S:4 F:3



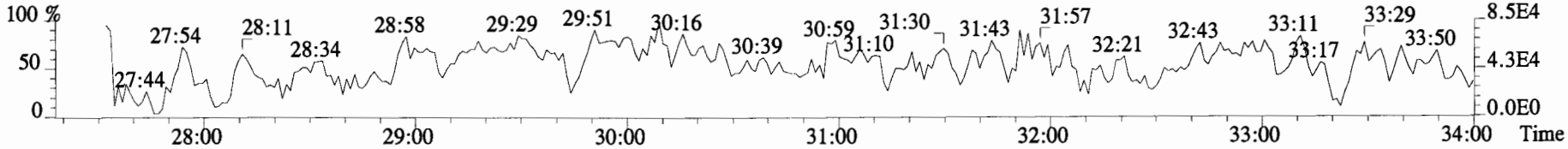
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



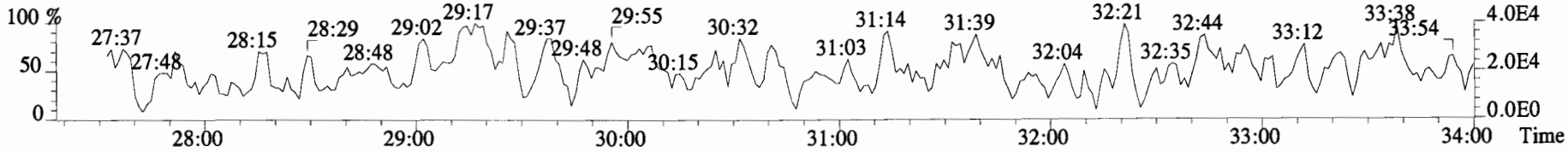
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



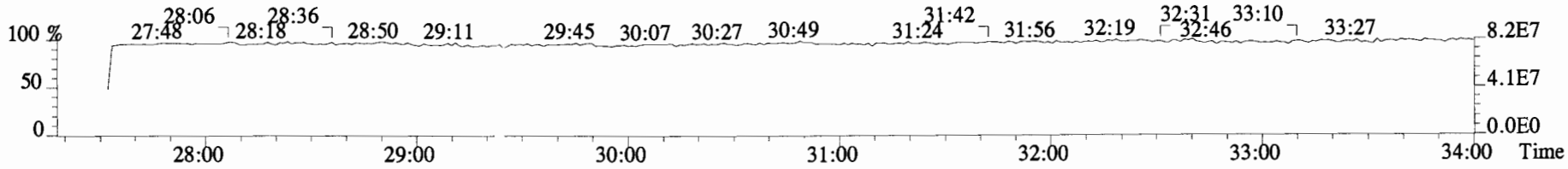
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59728.0,0.00%,F,F)



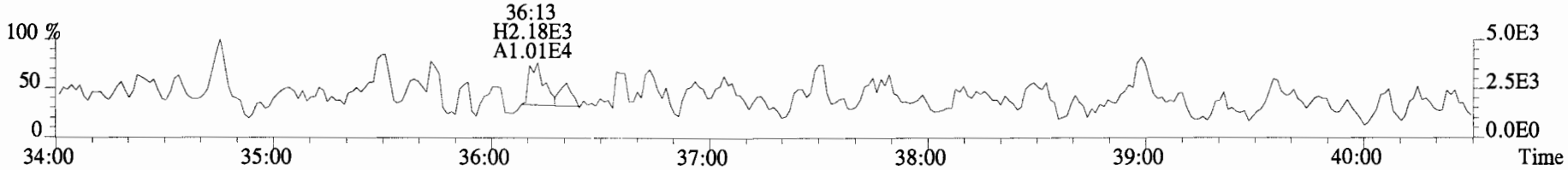
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26488.0,0.00%,F,F)



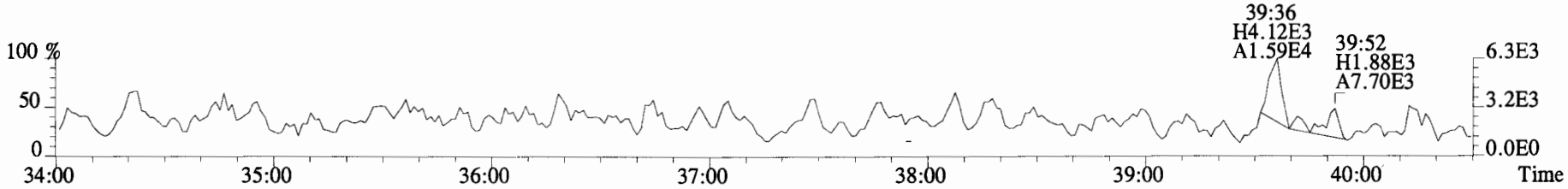
330.9792 S:4 F:3



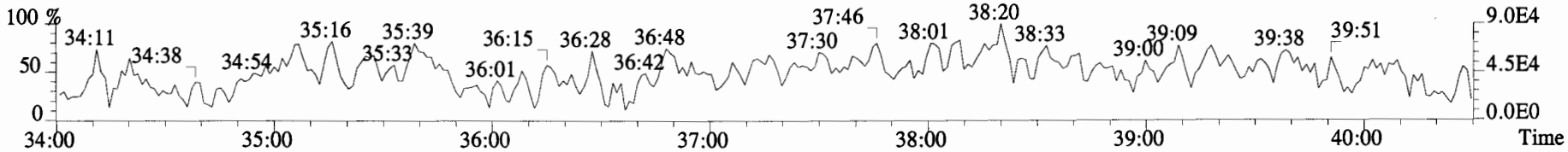
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



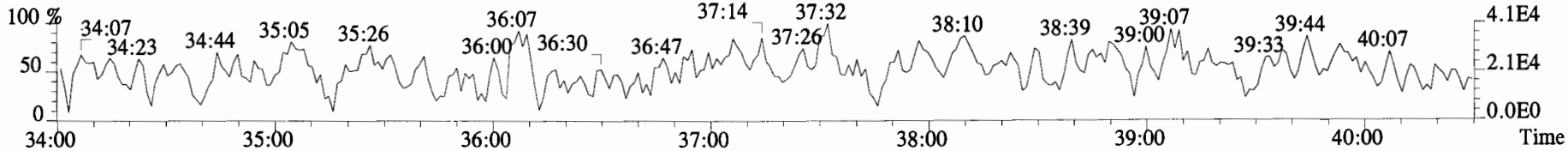
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



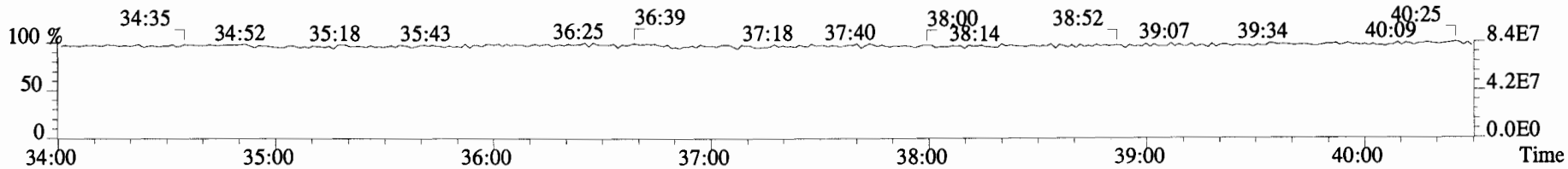
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59728.0,0.00%,F,F)



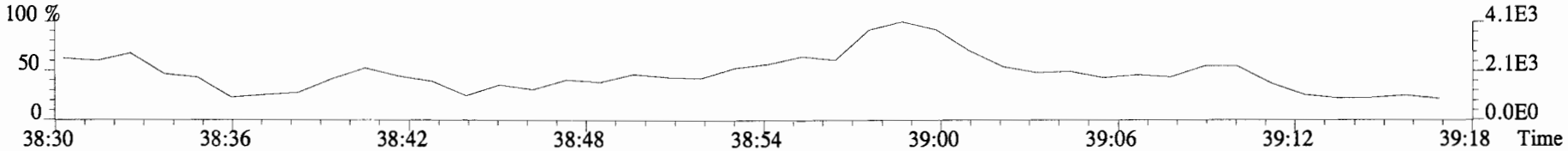
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26488.0,0.00%,F,F)



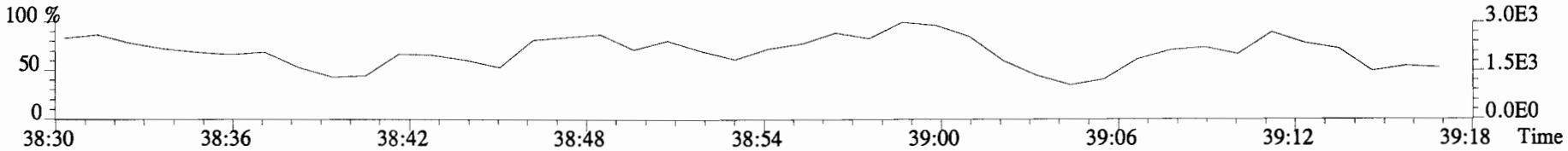
330.9792 S:4 F:3



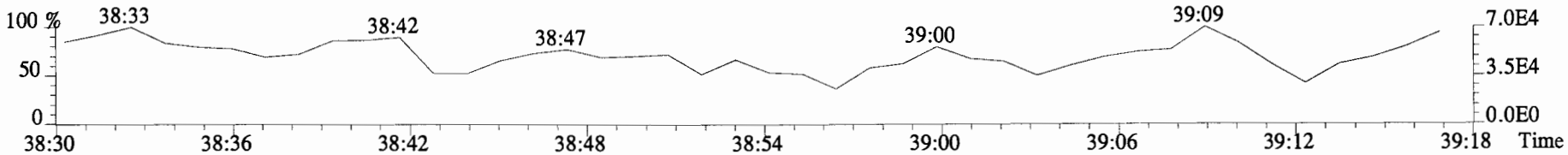
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2452.0,0.00%,F,F)



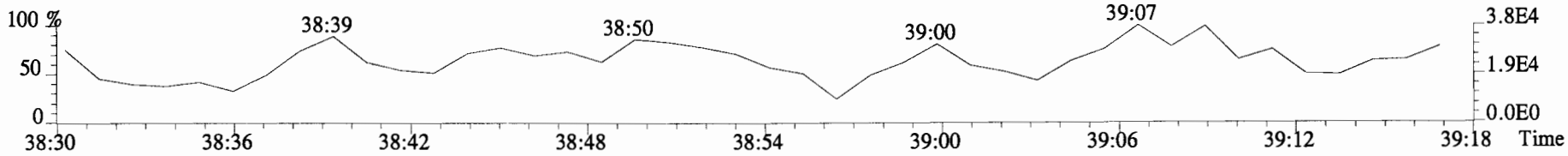
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



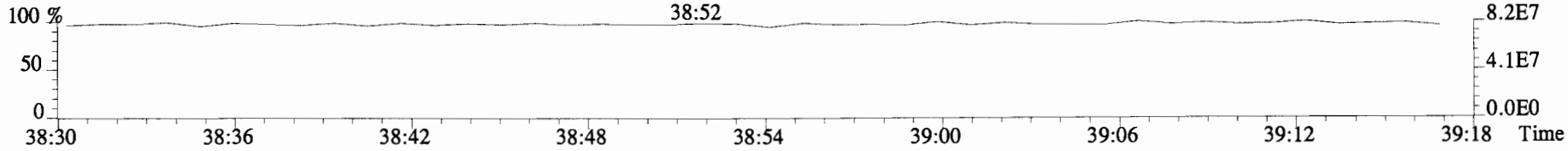
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59728.0,0.00%,F,F)



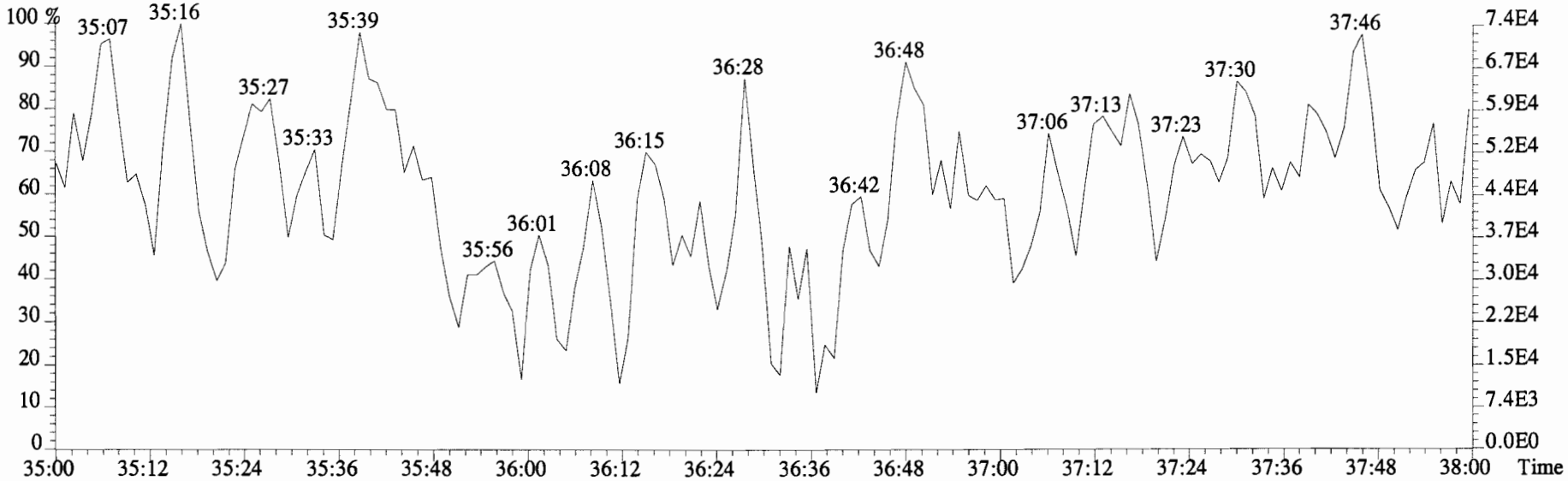
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26488.0,0.00%,F,F)



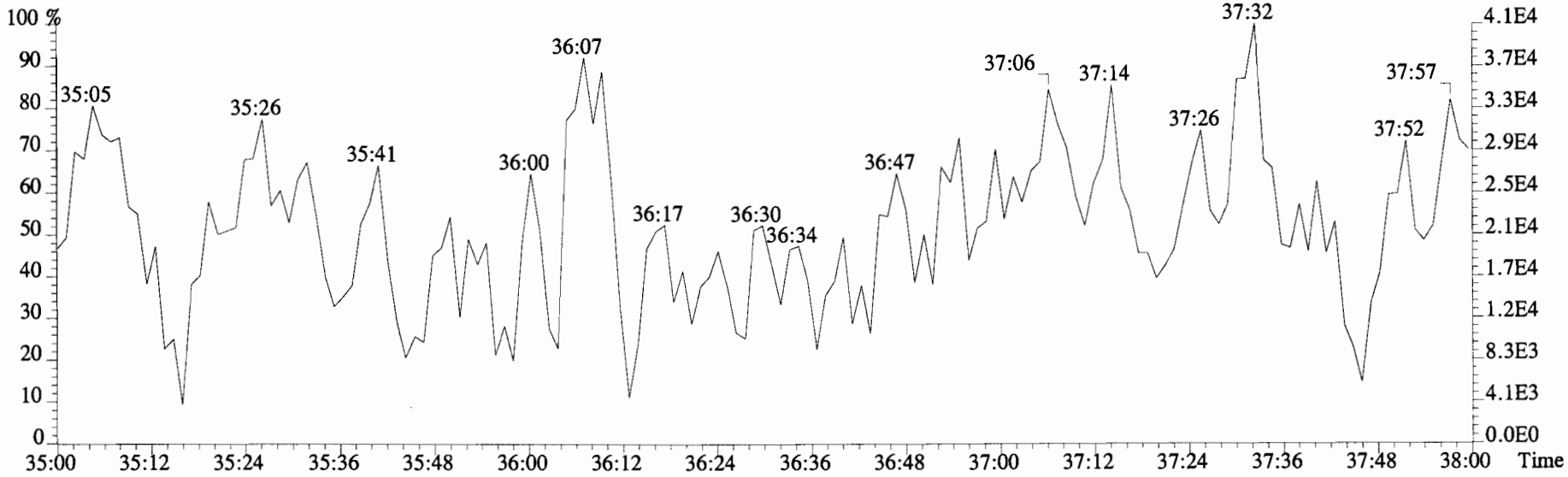
330.9792 S:4 F:3



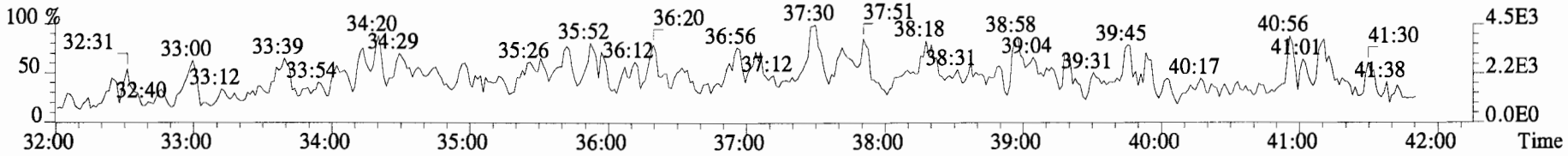
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,59728.0,0.00%,F,F)



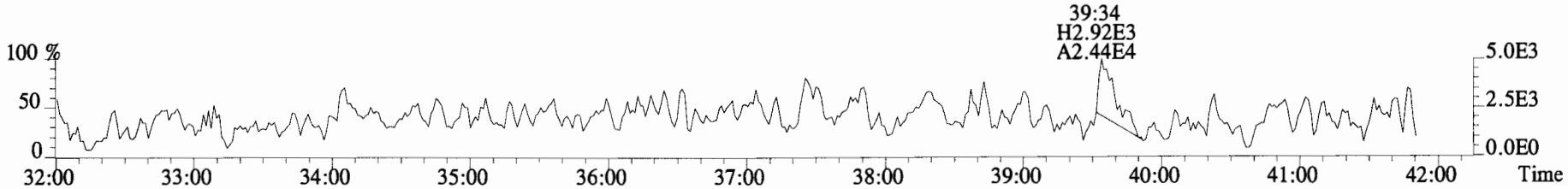
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,26488.0,0.00%,F,F)



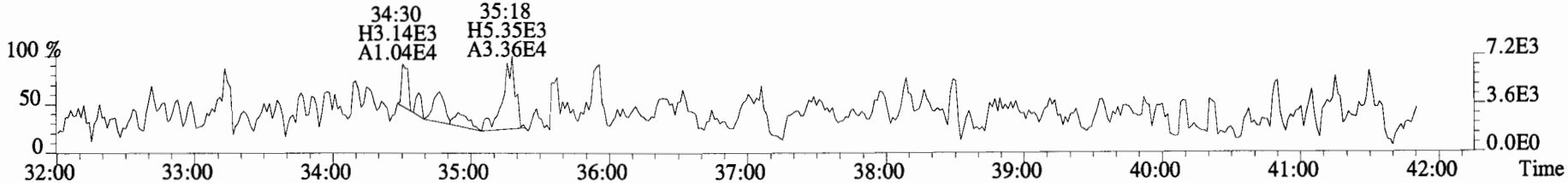
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



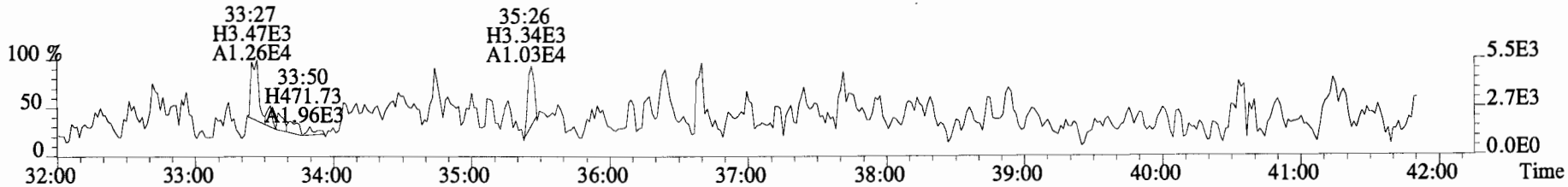
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2580.0,0.00%,F,F)



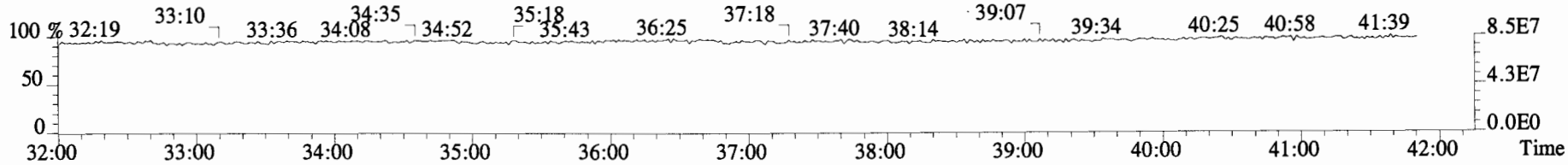
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



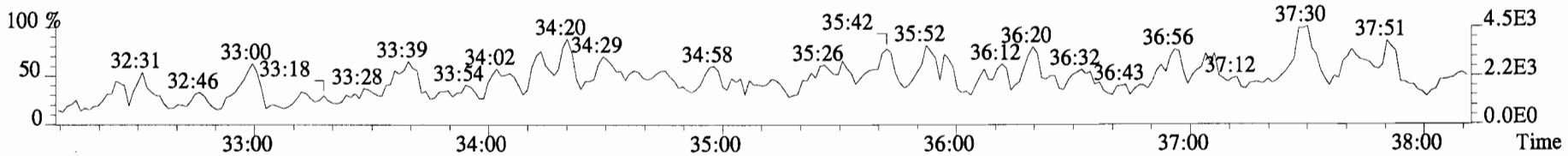
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



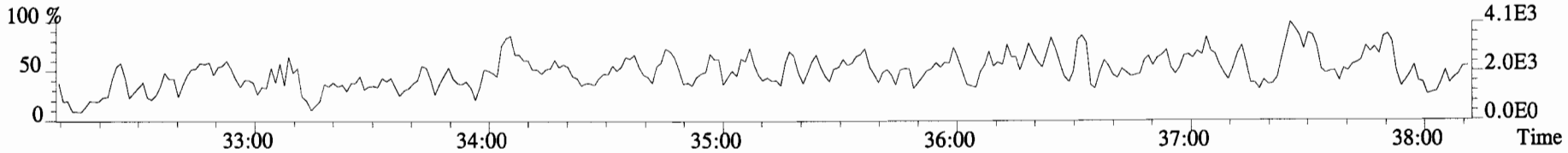
330.9792 S:4 F:3



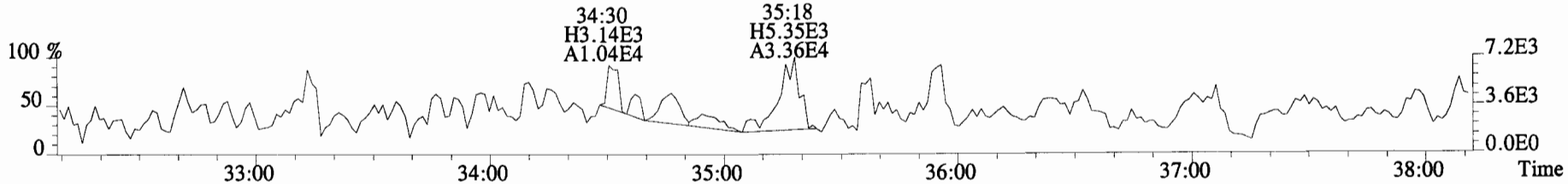
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



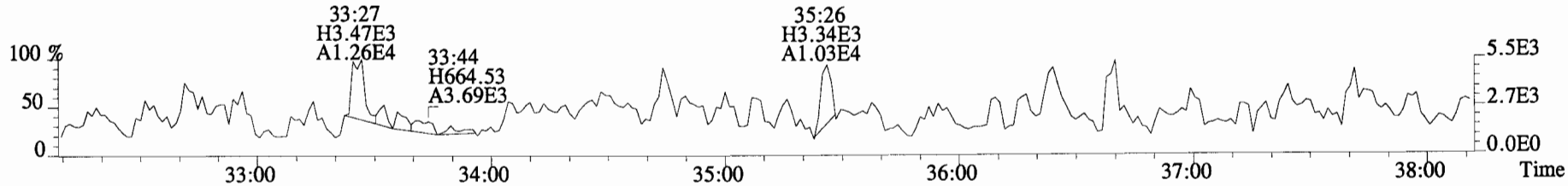
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2580.0,0.00%,F,F)



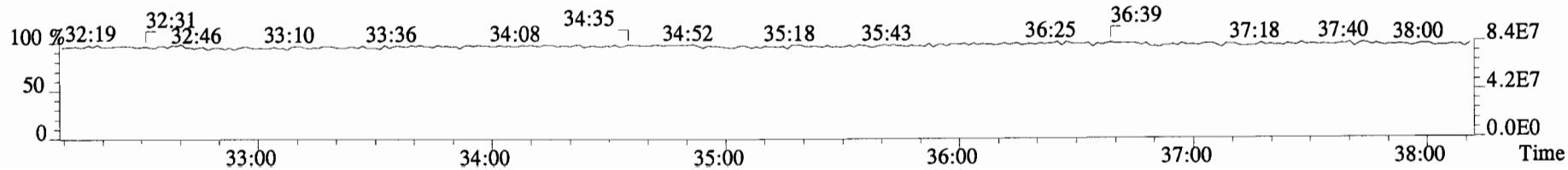
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



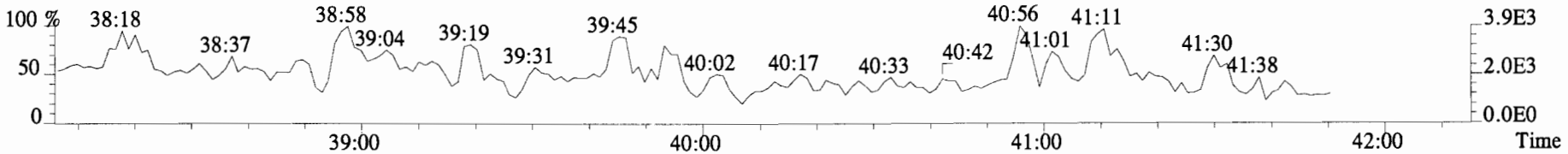
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



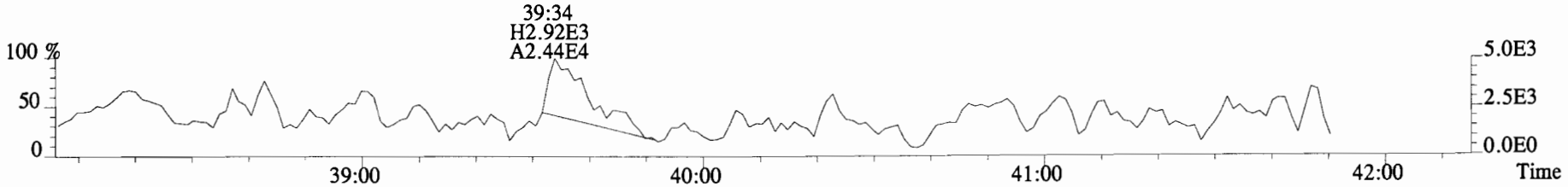
330.9792 S:4 F:3



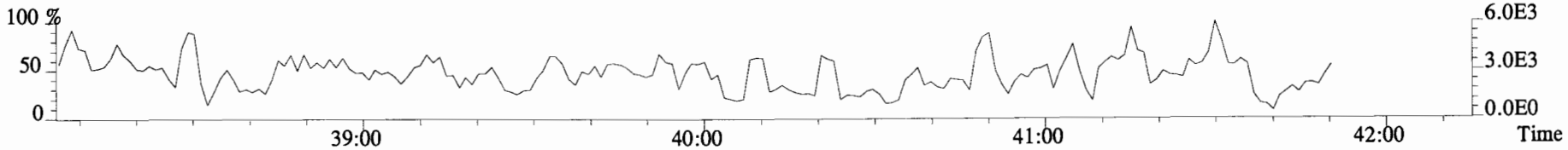
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2532.0,0.00%,F,F)



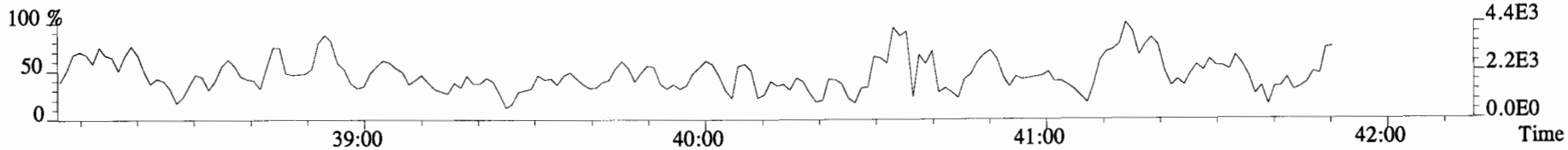
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2580.0,0.00%,F,F)



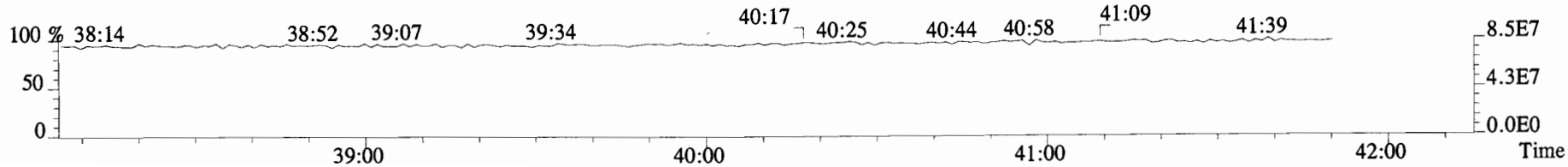
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



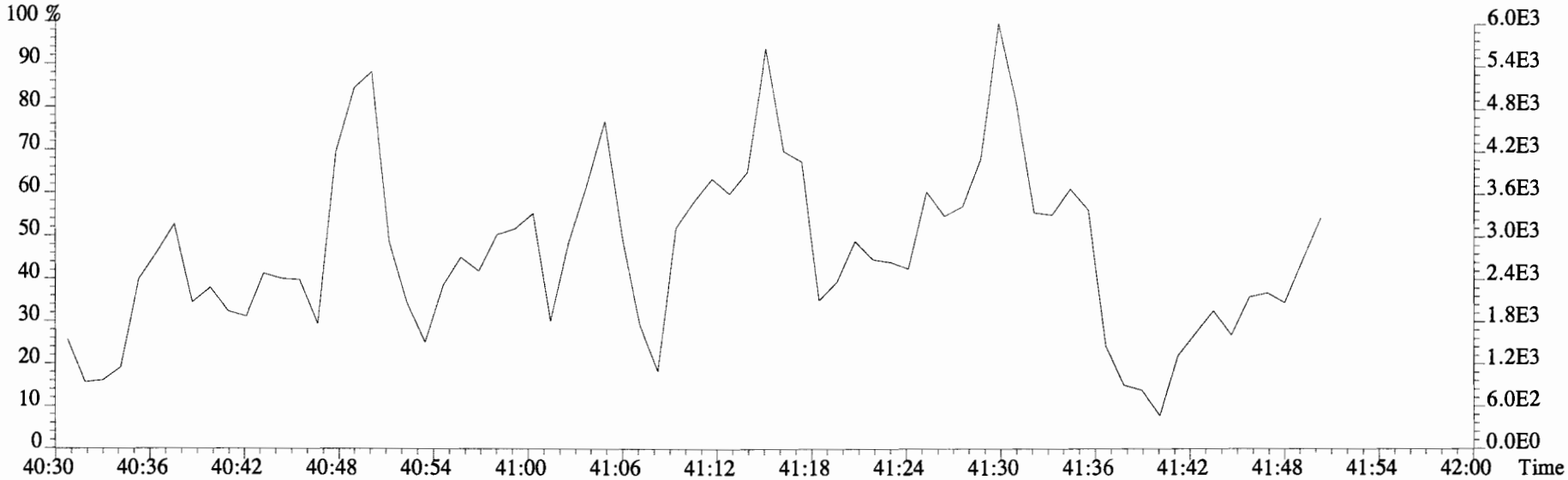
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



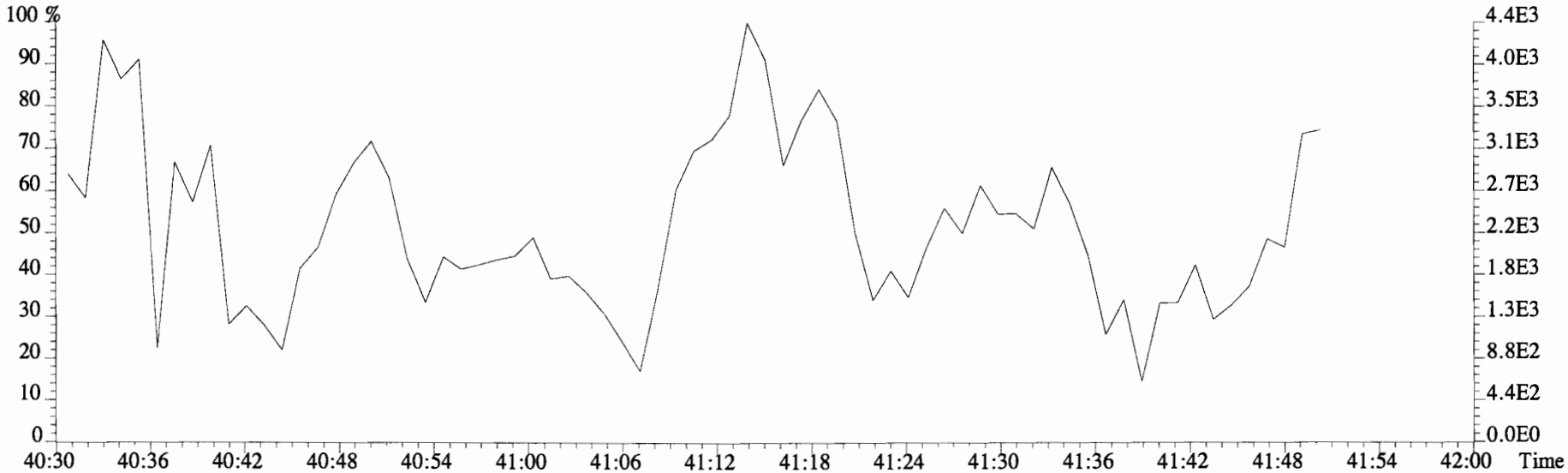
330.9792 S:4 F:3



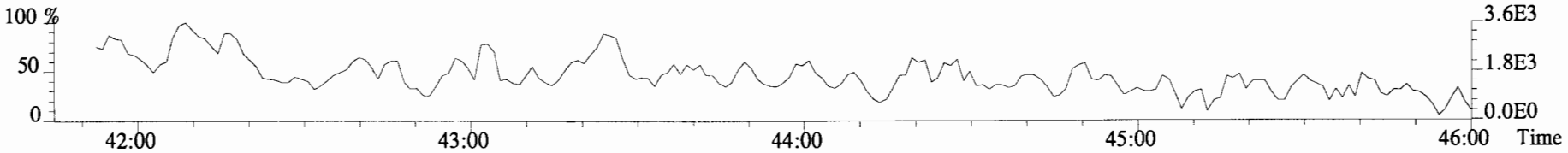
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3744.0,0.00%,F,F)



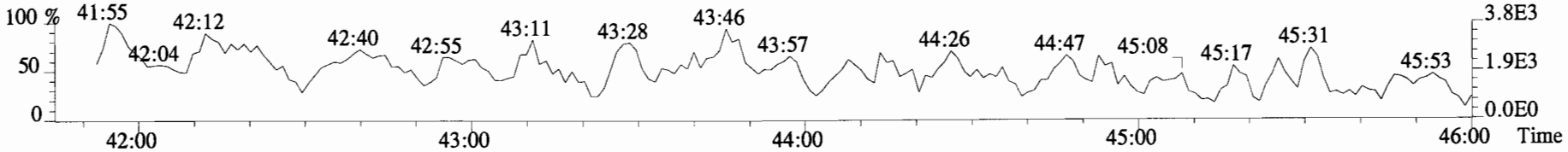
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2760.0,0.00%,F,F)



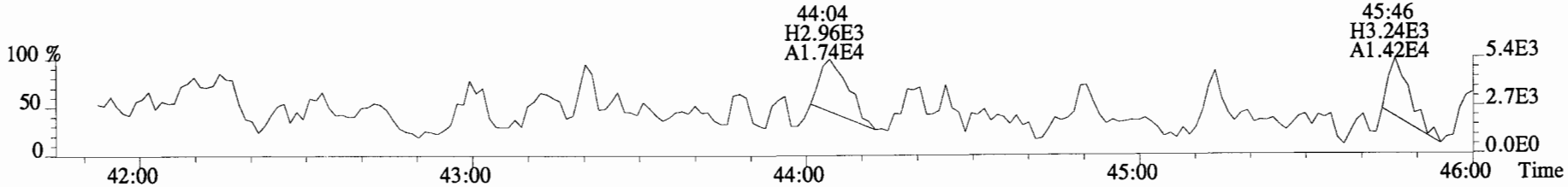
File:180110E1 #1-566 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



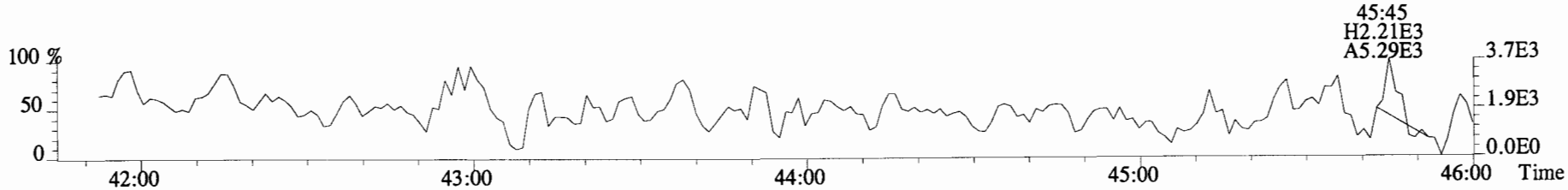
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2284.0,0.00%,F,F)



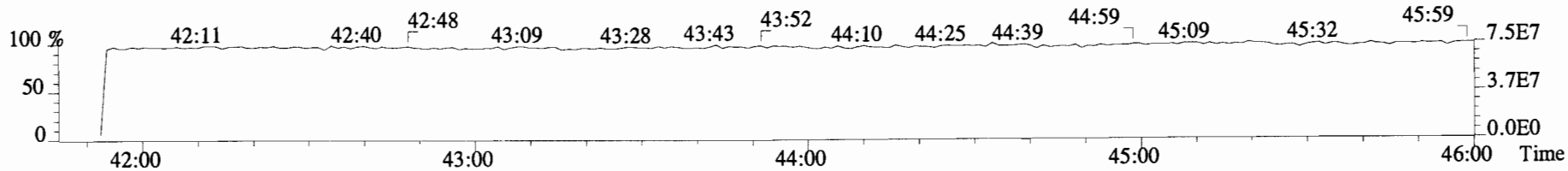
337.9207 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



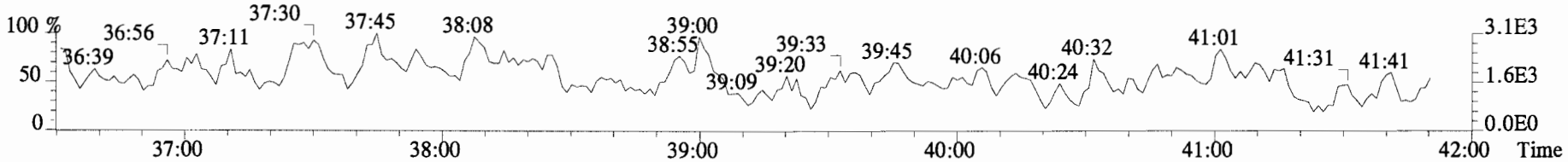
339.9177 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2272.0,0.00%,F,F)



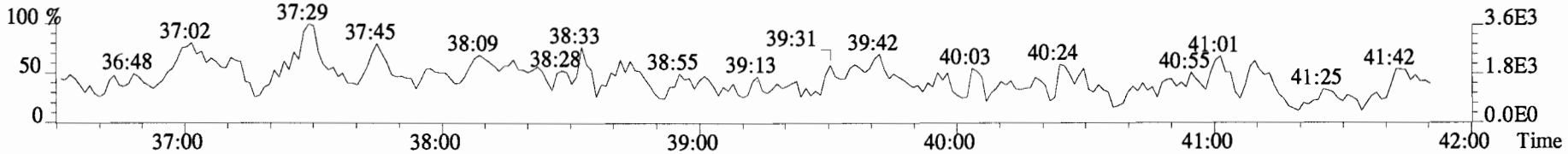
380.9760 S:4 F:4



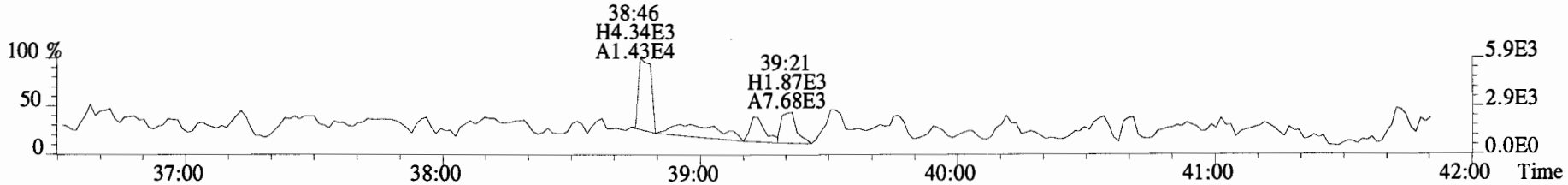
File:180110E1 #1-756 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2200.0,0.00%,F,F)



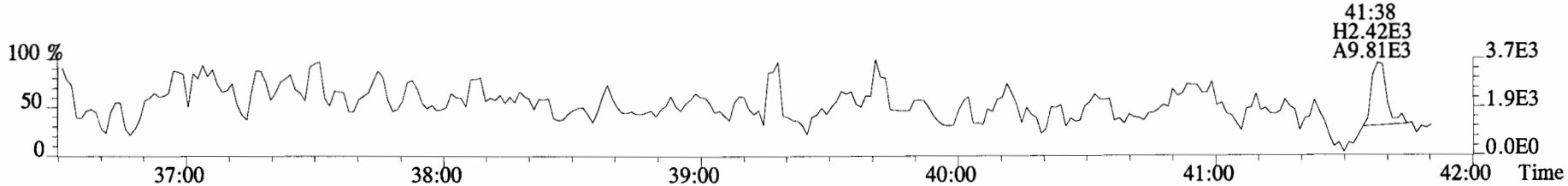
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2012.0,0.00%,F,F)



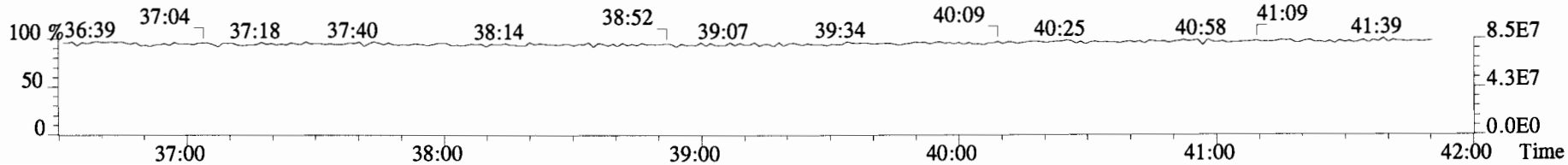
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2140.0,0.00%,F,F)



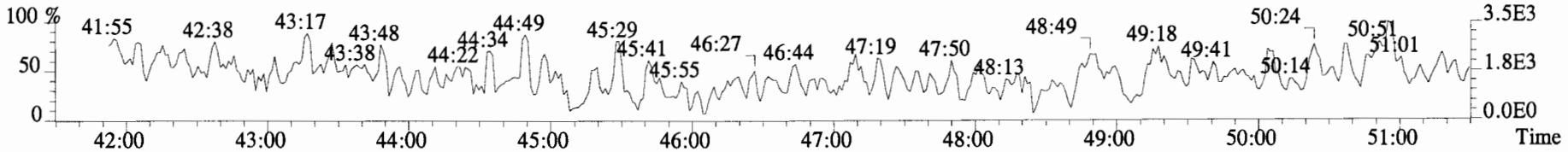
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



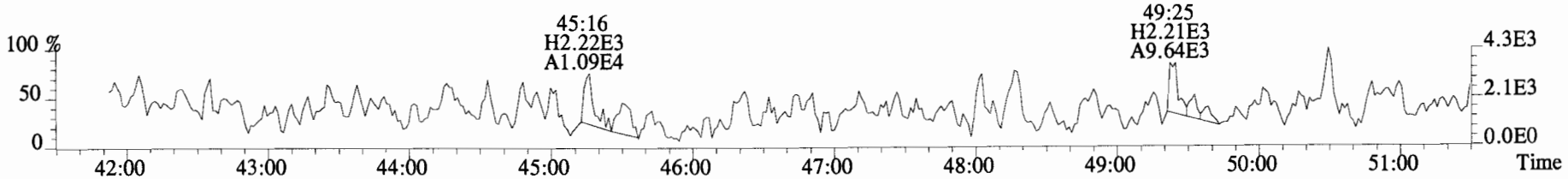
330.9792 S:4 F:3



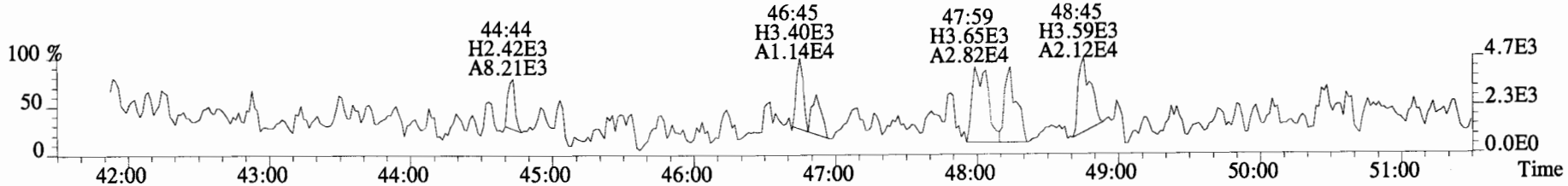
File:180110E1 #1-566 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2104.0,0.00%,F,F)



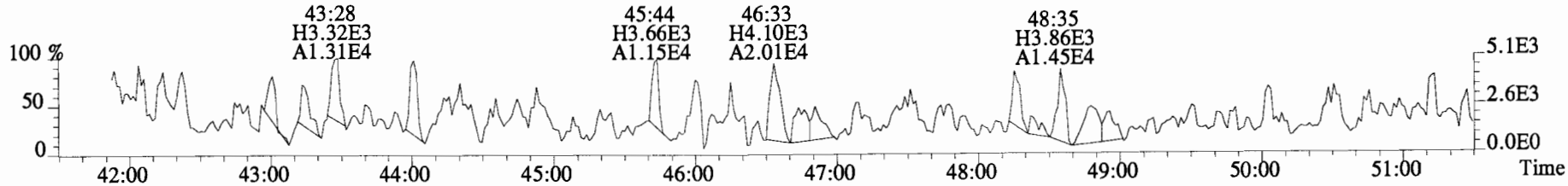
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2164.0,0.00%,F,F)



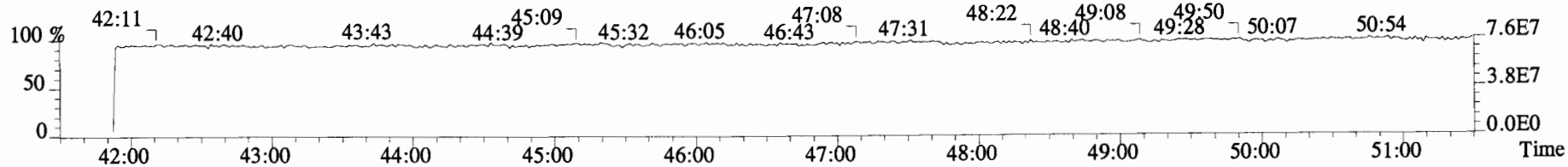
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



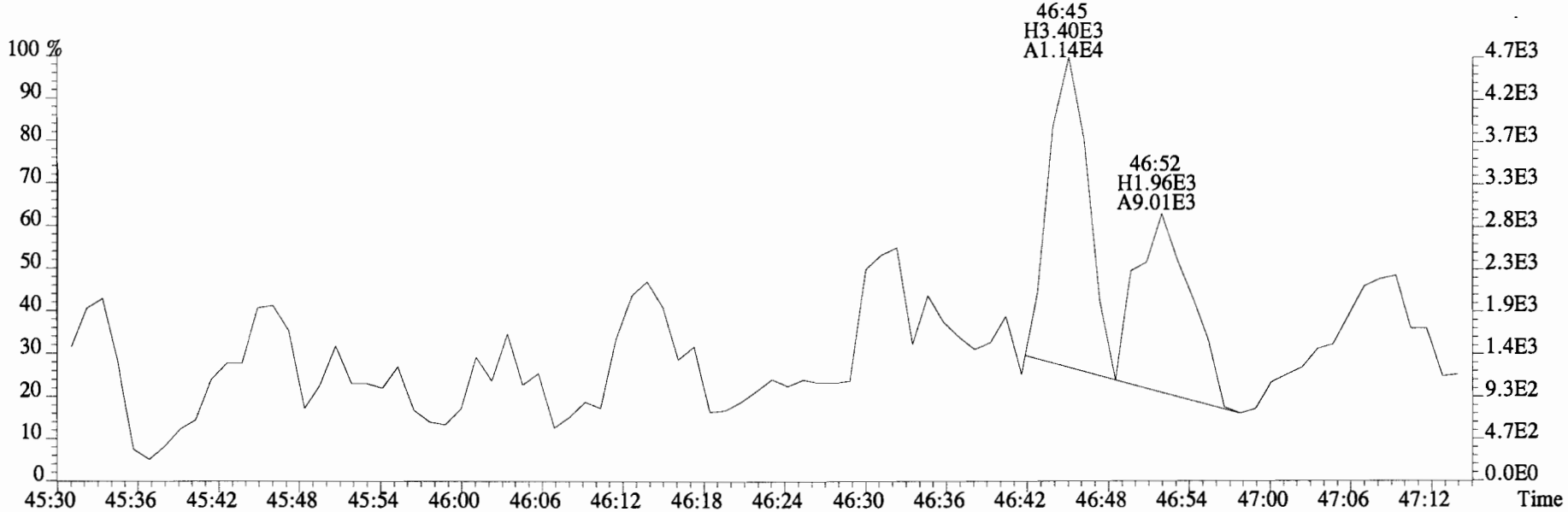
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



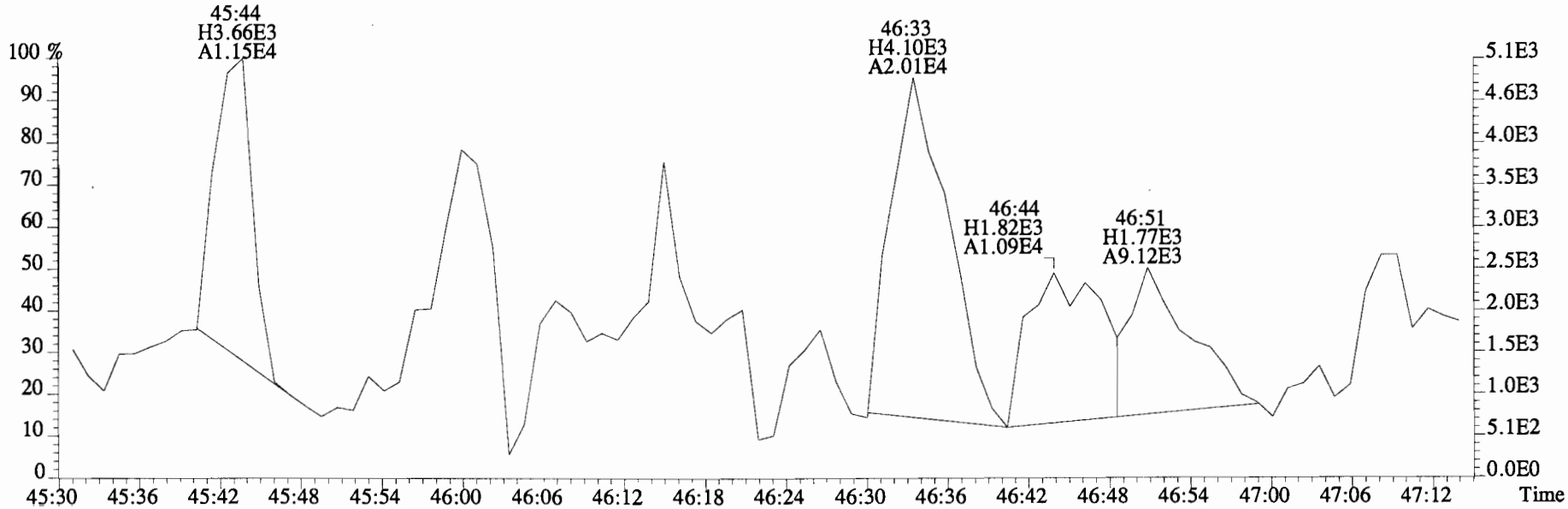
380.9760 S:4 F:4



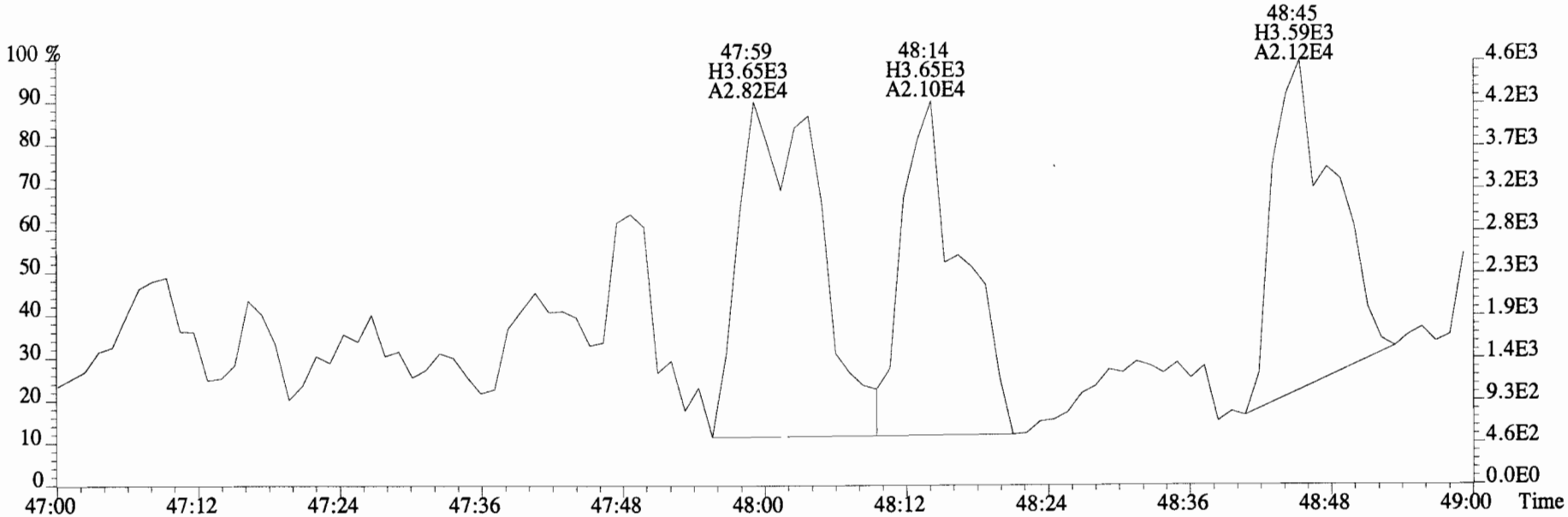
File:180110E1 #1-566 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



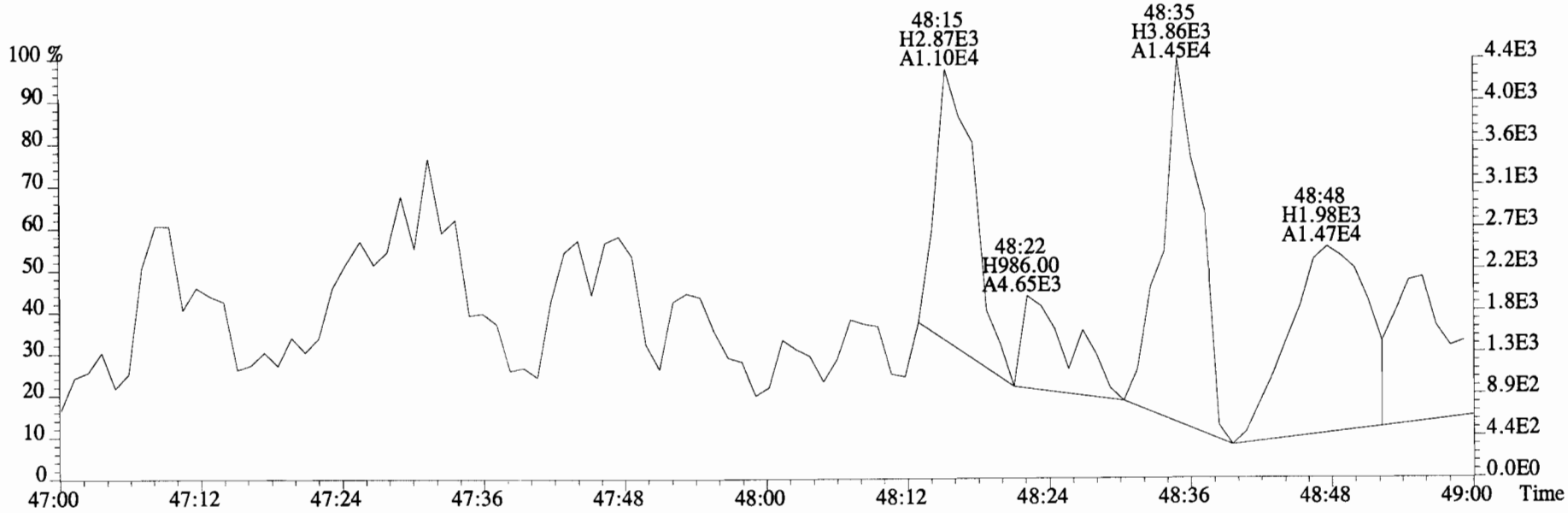
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



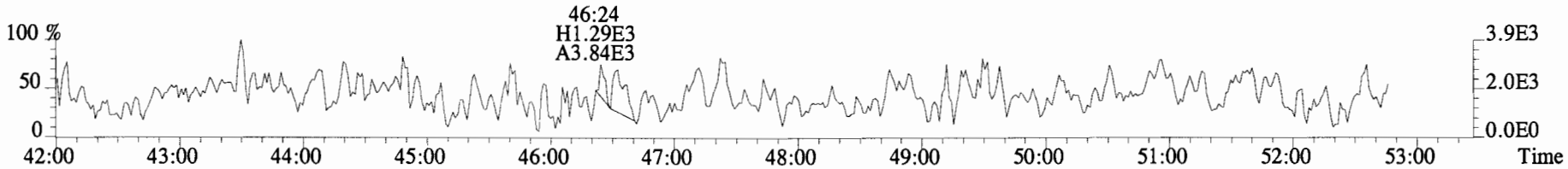
File:180110E1 #1-566 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



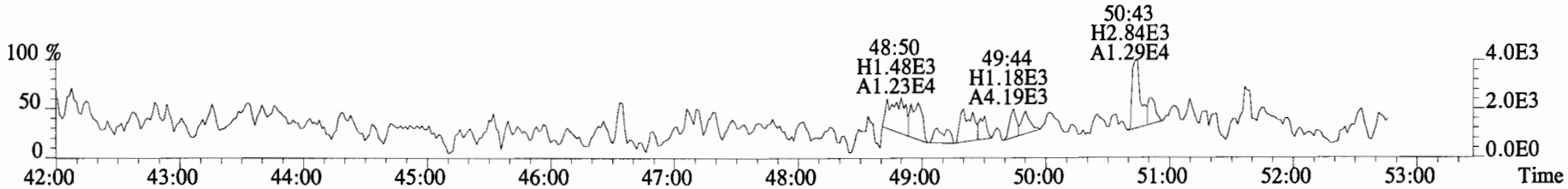
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2316.0,0.00%,F,F)



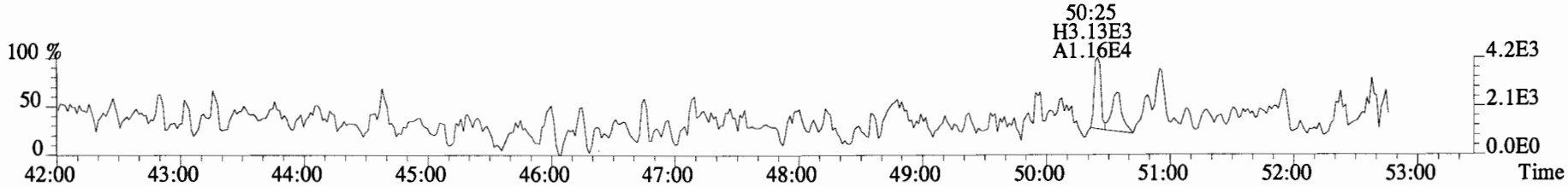
File:180110E1 #1-566 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2256.0,0.00%,F,F)



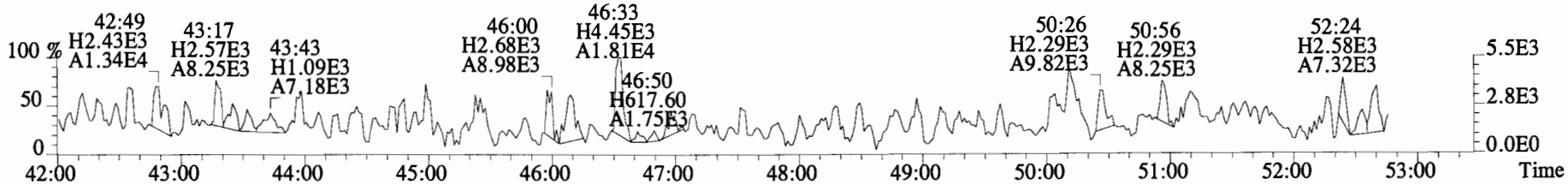
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



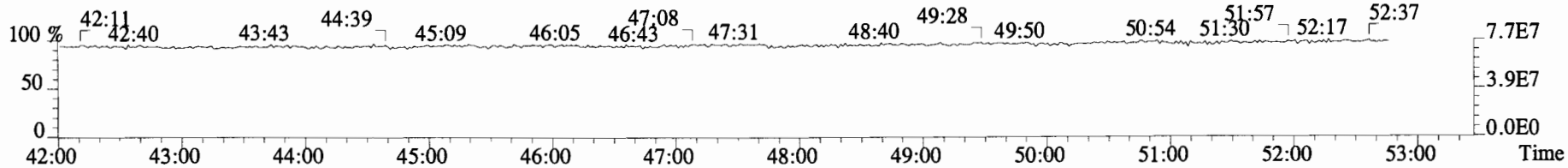
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1932.0,0.00%,F,F)



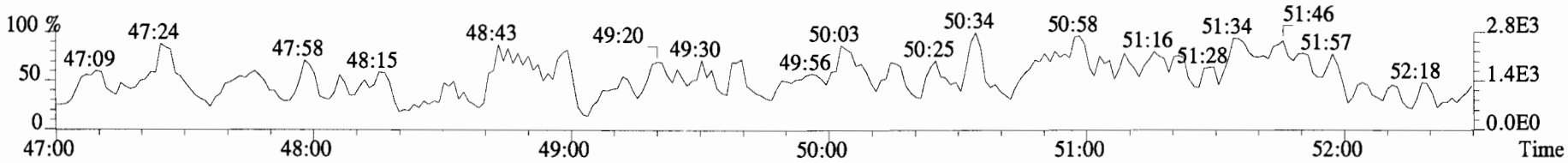
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



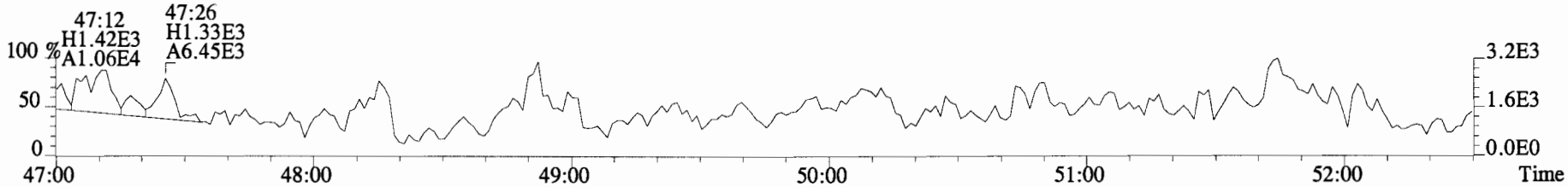
380.9760 S:4 F:4



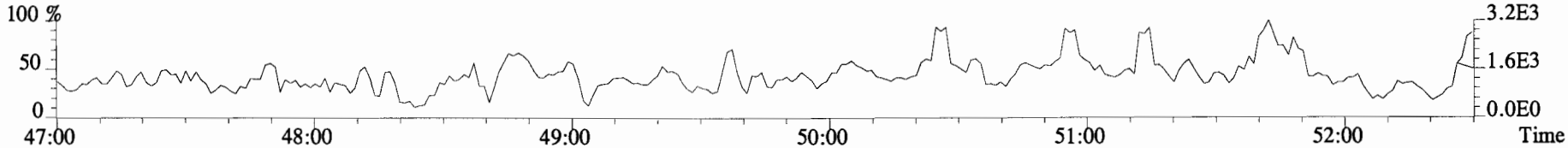
File:180110E1 #1-566 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



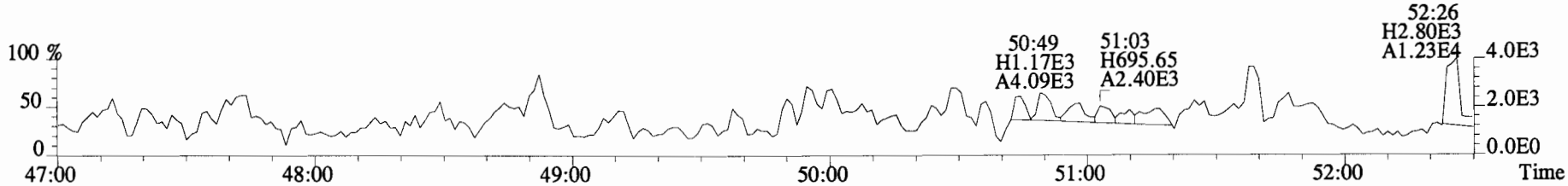
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



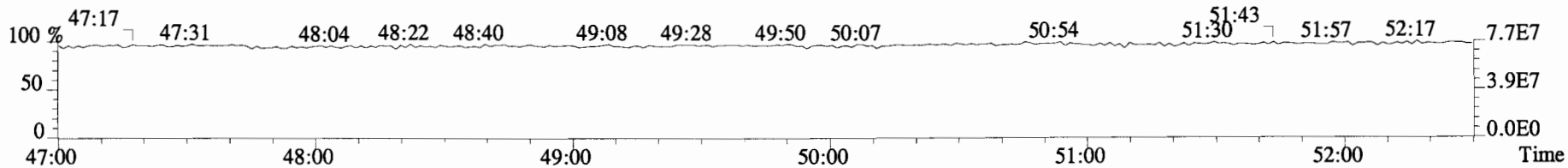
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



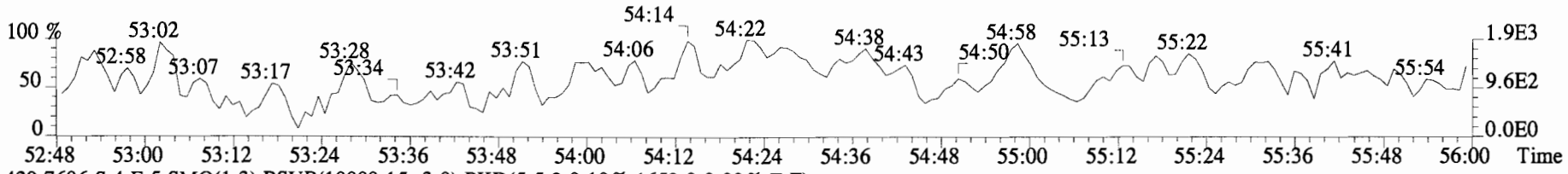
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1828.0,0.00%,F,F)



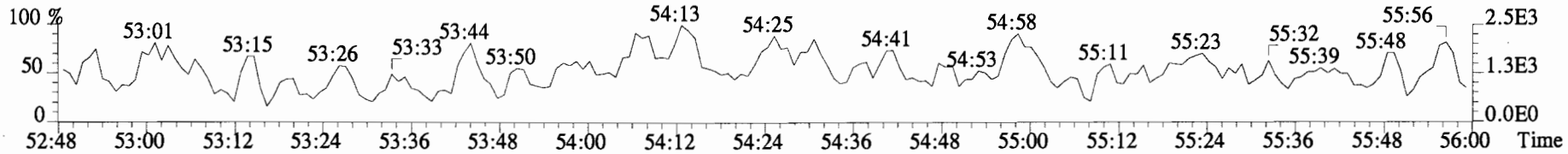
380.9760 S:4 F:4



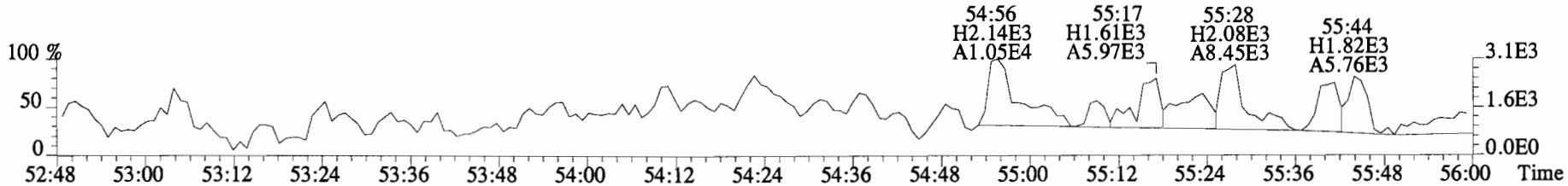
File:180110E1 #1-418 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1440.0,0.00%,F,F)



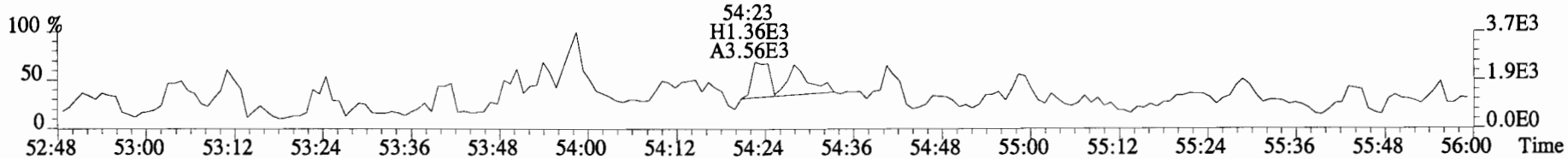
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1652.0,0.00%,F,F)



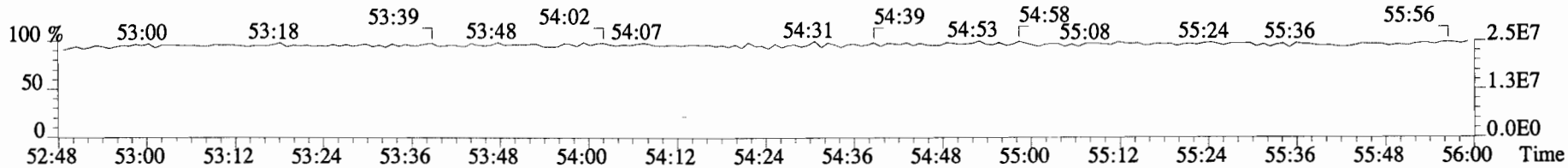
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



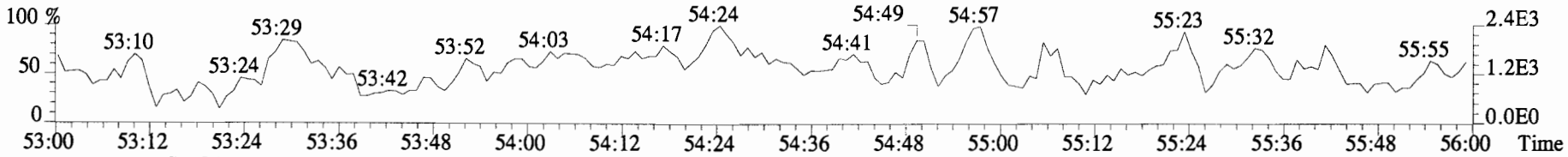
441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



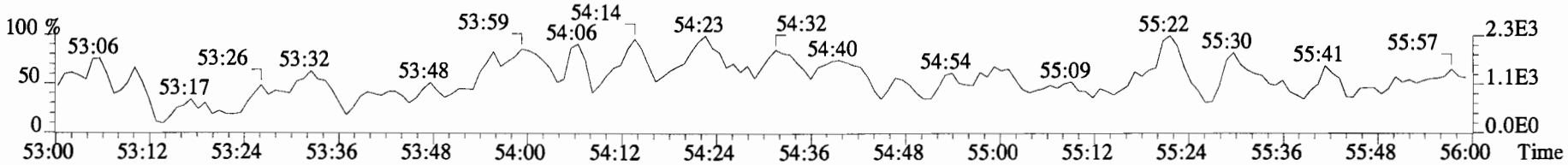
492.9697 S:4 F:5



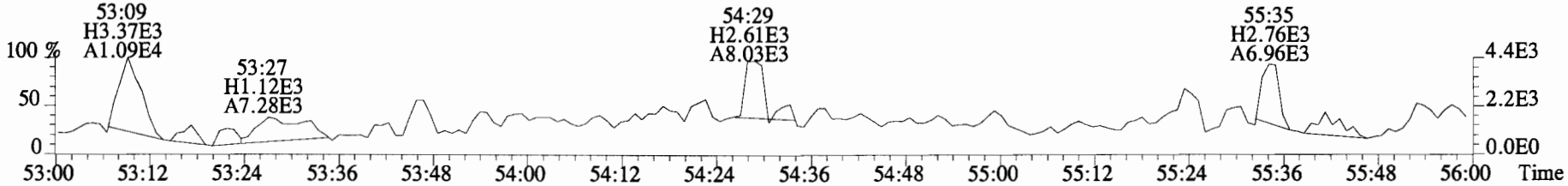
File:180110E1 #1-418 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



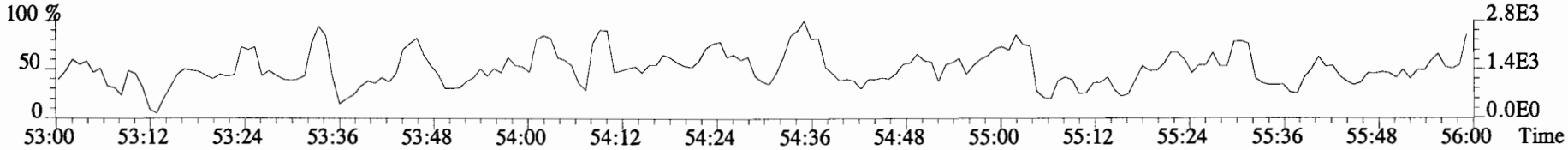
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



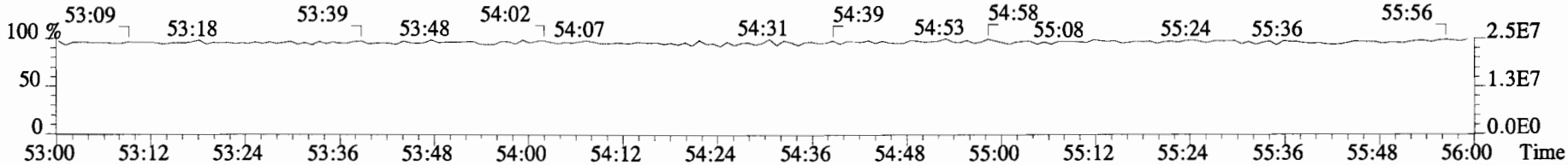
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1808.0,0.00%,F,F)



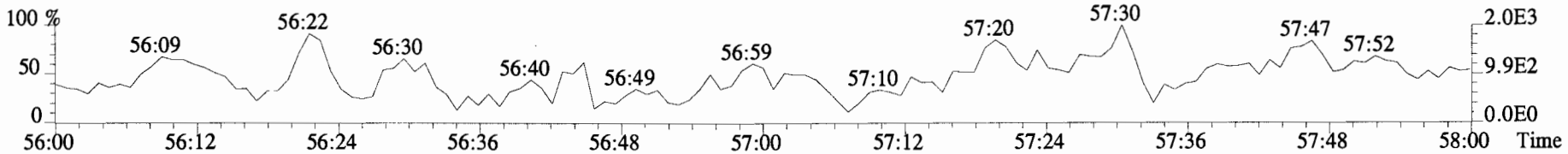
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



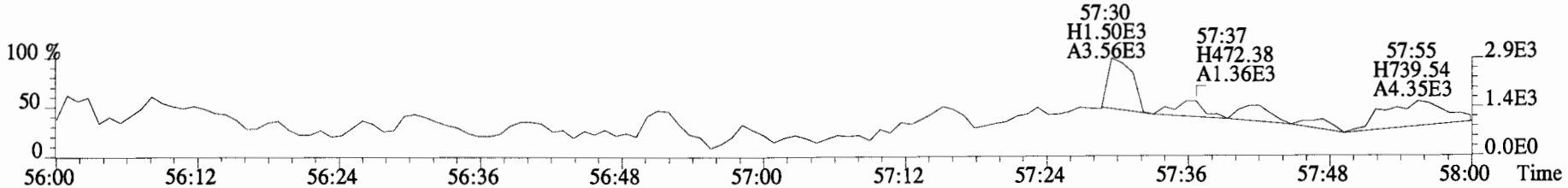
492.9697 S:4 F:5



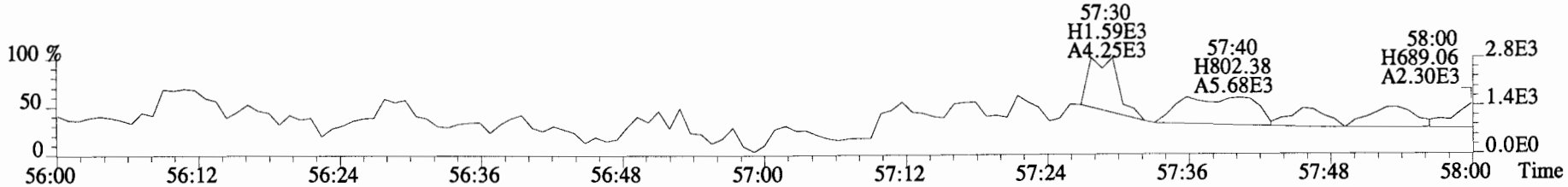
File:180110E1 #1-418 Acq:10-JAN-2018 17:04:21 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1312.0,0.00%,F,F)



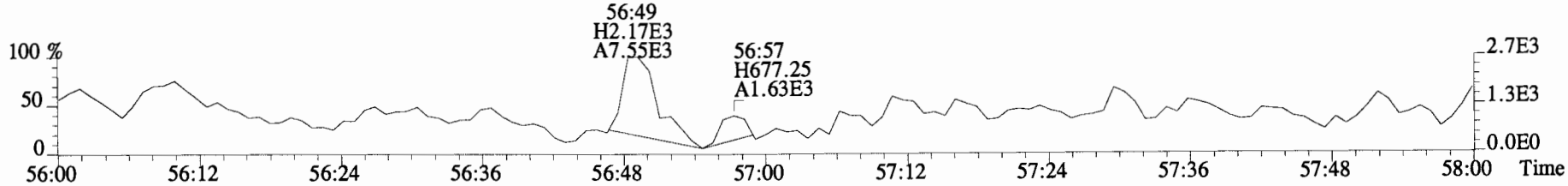
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



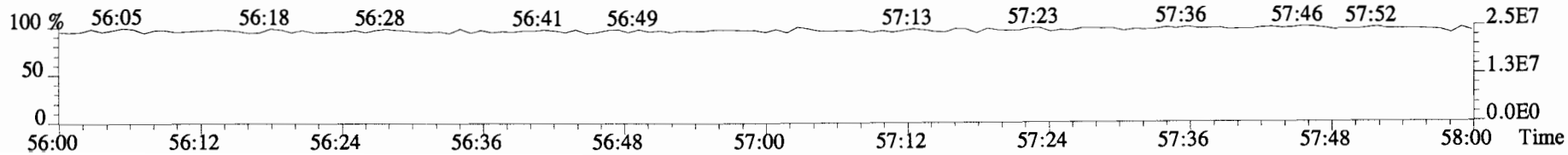
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1552.0,0.00%,F,F)



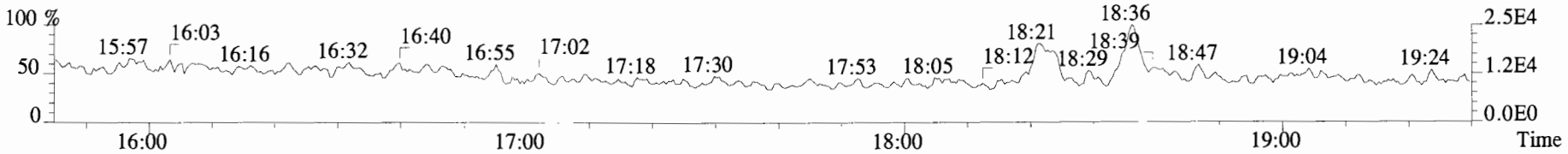
511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



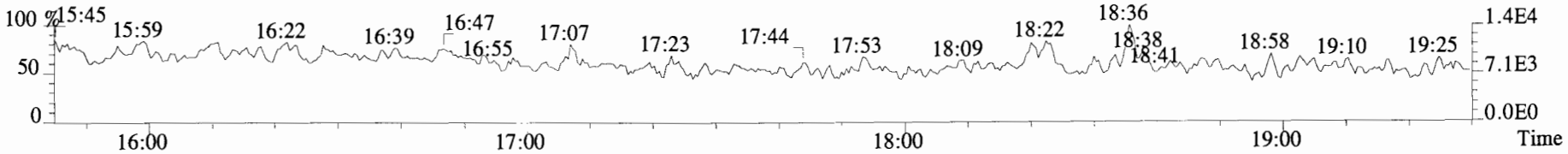
492.9697 S:4 F:5



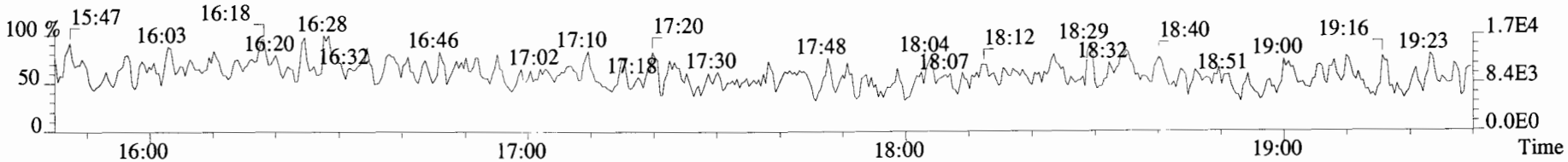
File:180118E2 #1-866 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15892.0,0.00%,F,F)



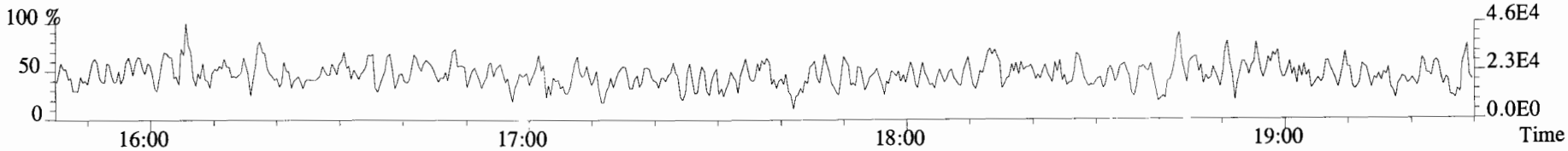
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11424.0,0.00%,F,F)



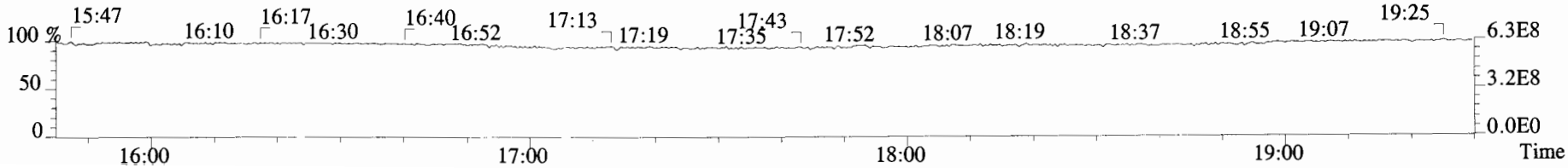
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13236.0,0.00%,F,F)



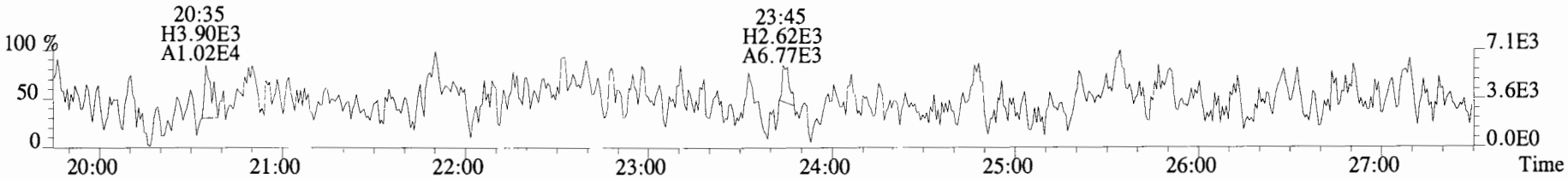
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29088.0,0.00%,F,F)



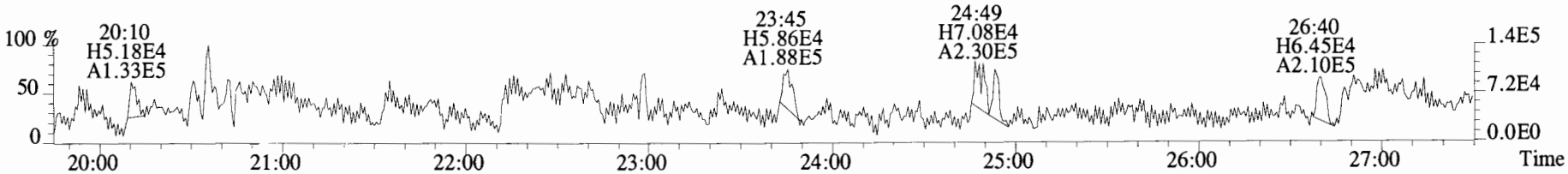
180.9880 S:3



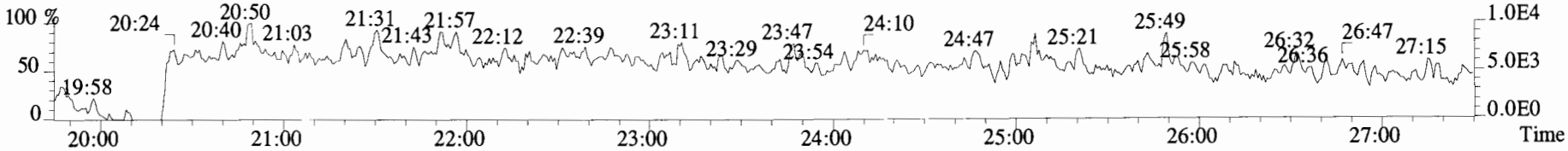
File:180118E2 #1-757 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4560.0,0.00%,F,F)



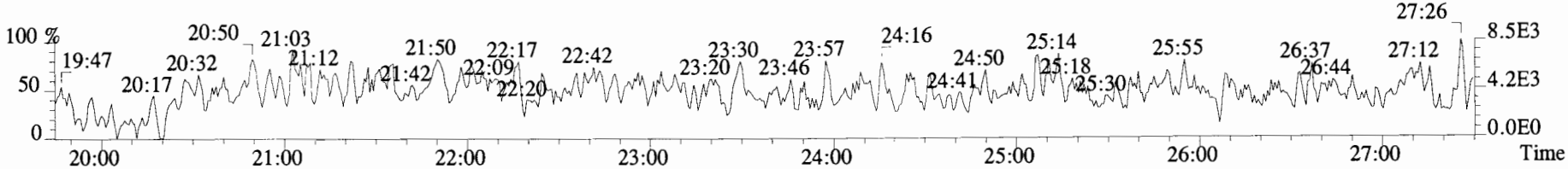
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,58392.0,0.00%,F,F)



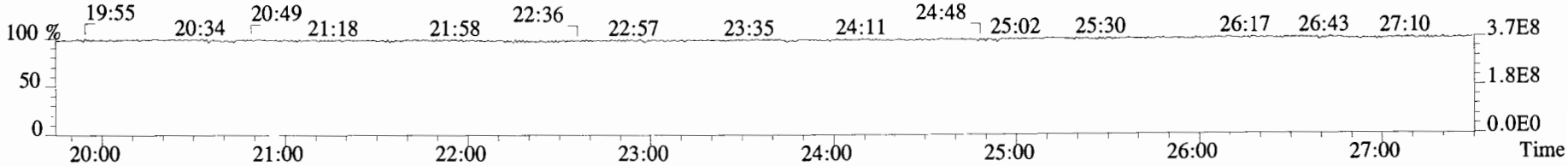
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7324.0,0.00%,F,F)



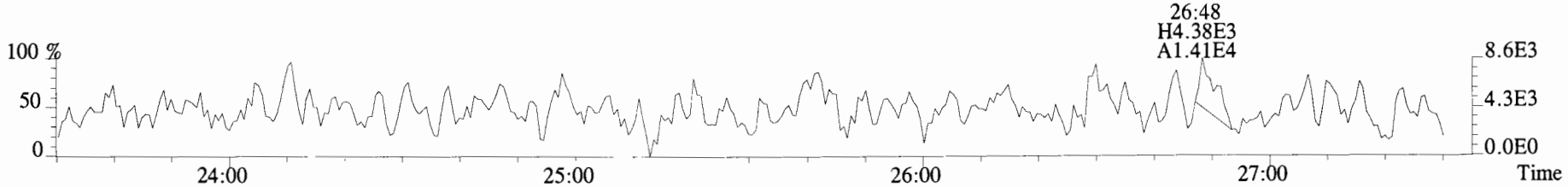
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5536.0,0.00%,F,F)



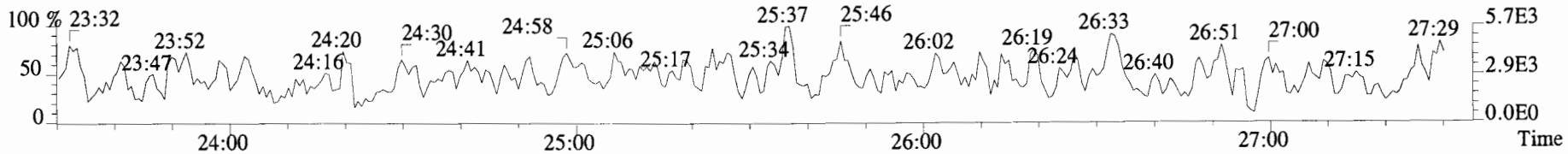
230.9856 S:3 F:2



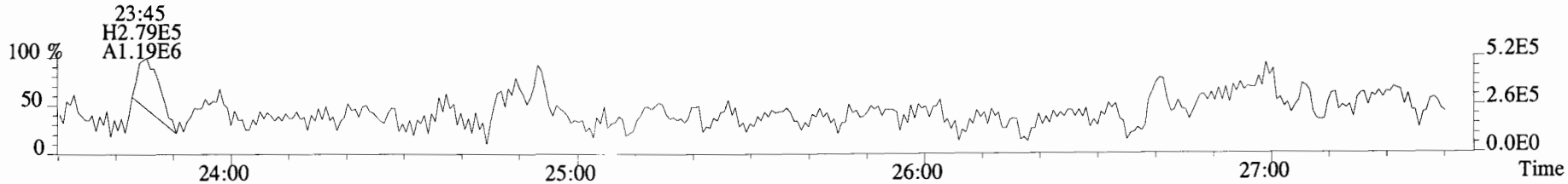
File:180118E2 #1-757 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5368.0,0.00%,F,F)



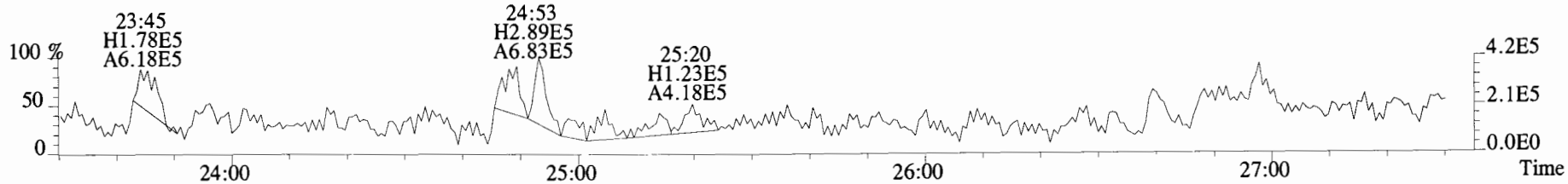
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



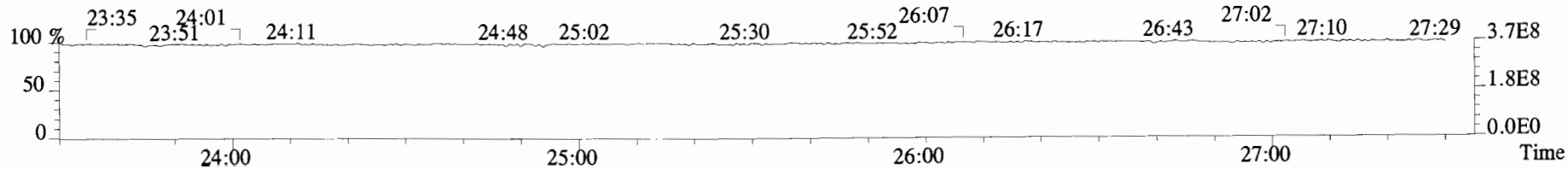
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,309252.0,0.00%,F,F)



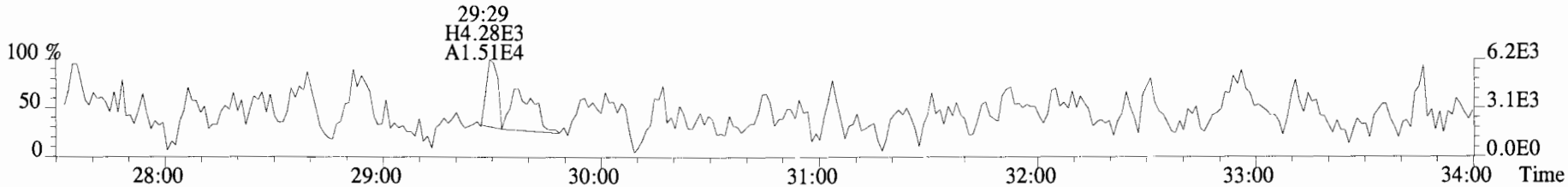
269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,203008.0,0.00%,F,F)



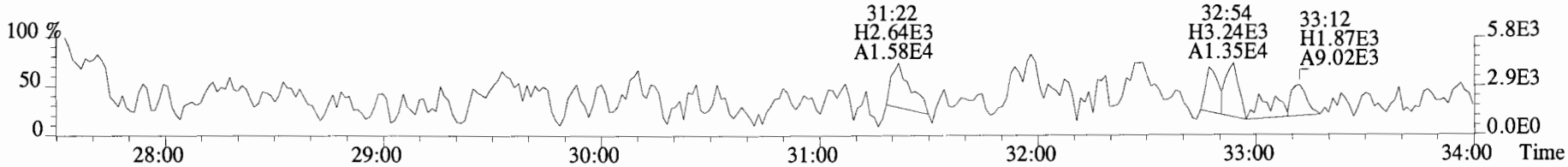
230.9856 S:3 F:2



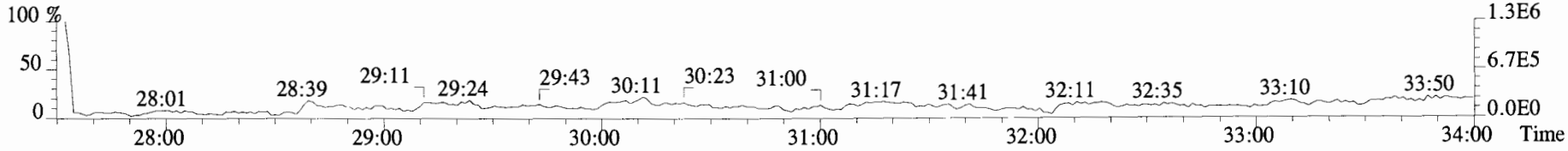
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3668.0,0.00%,F,F)



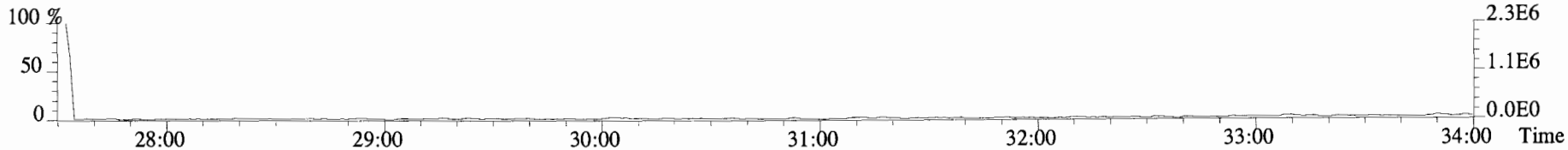
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2928.0,0.00%,F,F)



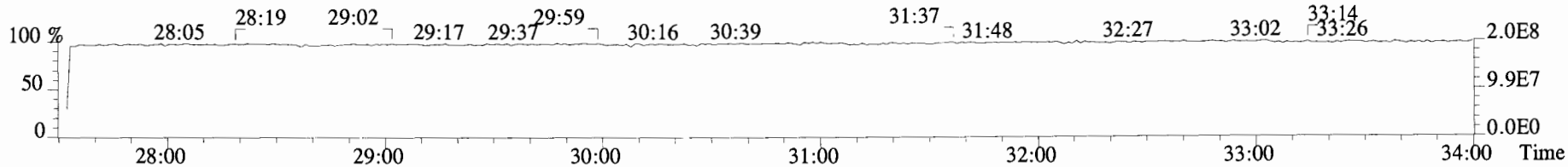
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,206464.0,0.00%,F,F)



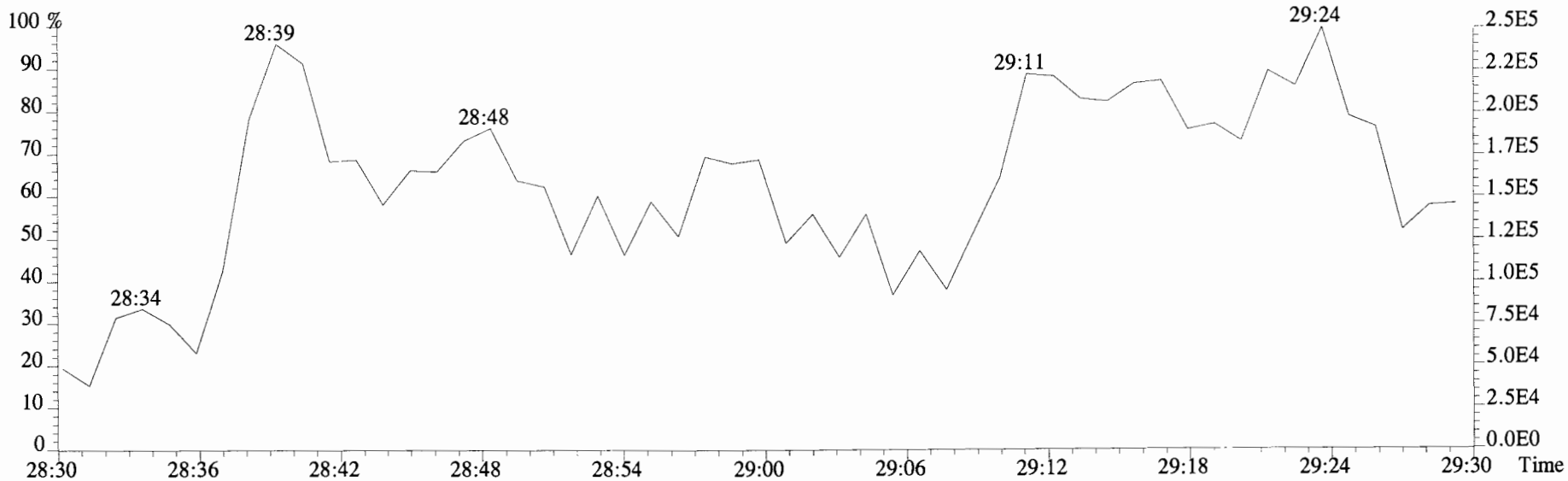
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50308.0,0.00%,F,F)



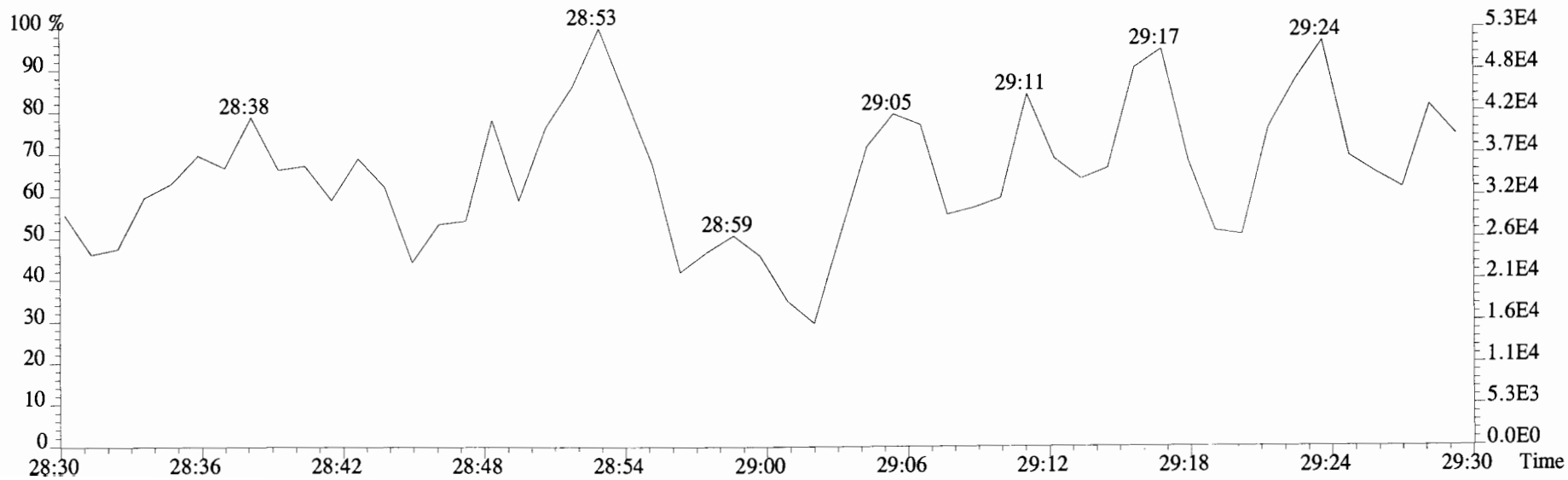
330.9792 S:3 F:3



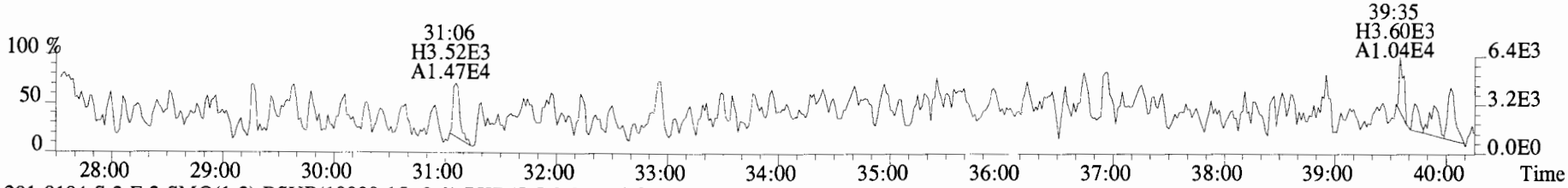
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,206464.0,0.00%,F,F)



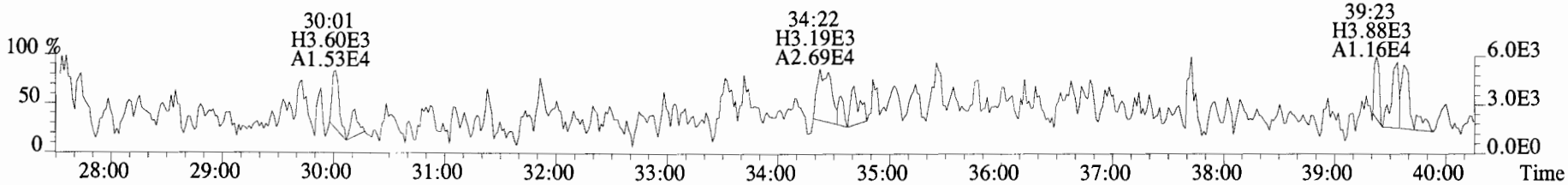
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50308.0,0.00%,F,F)



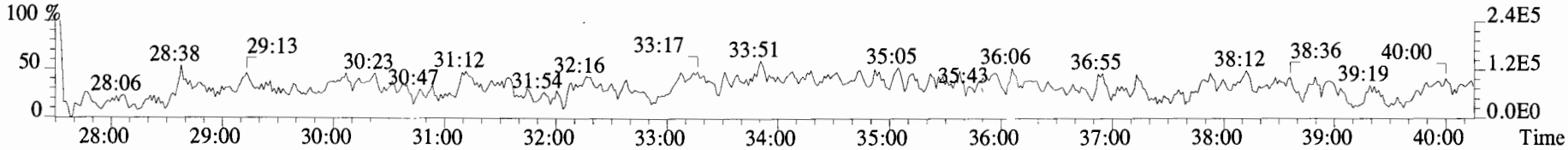
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3364.0,0.00%,F,F)



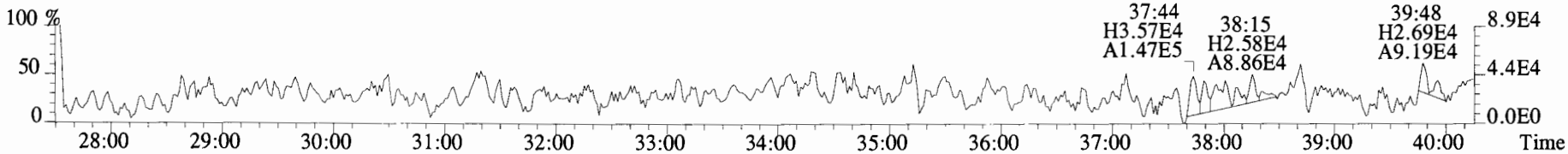
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



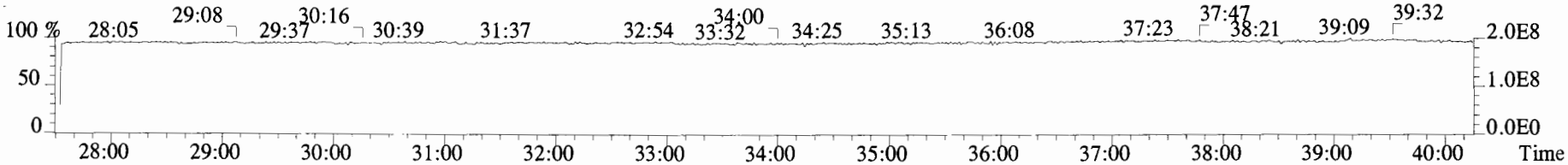
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96840.0,0.00%,F,F)



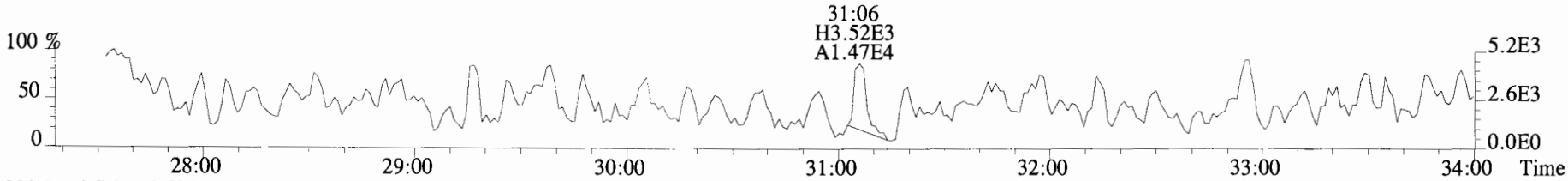
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33652.0,0.00%,F,F)



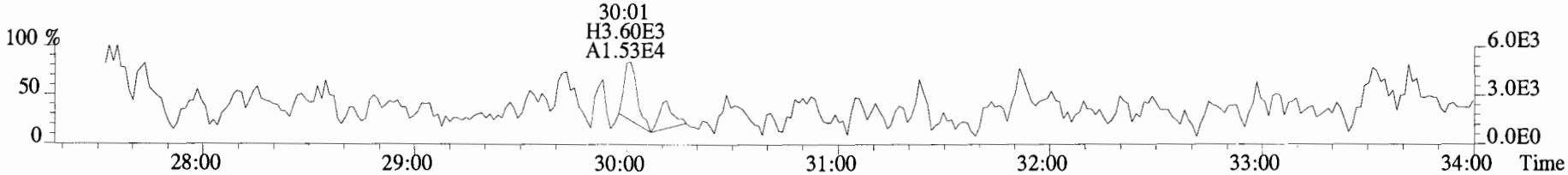
330.9792 S:3 F:3



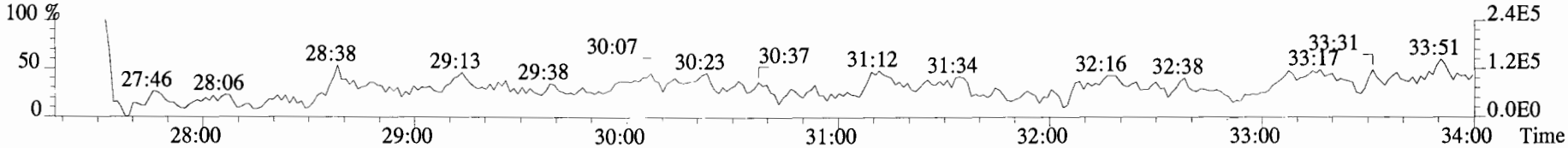
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3364.0,0.00%,F,F)



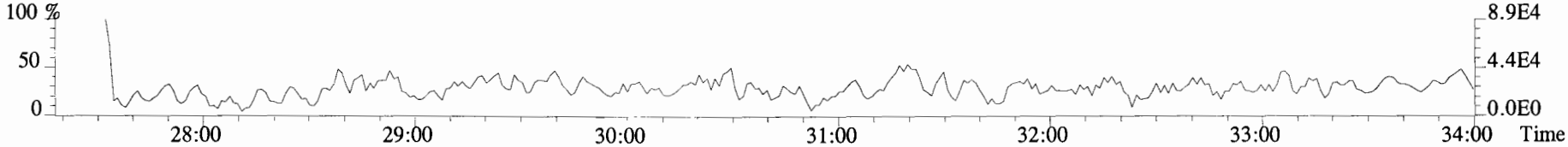
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



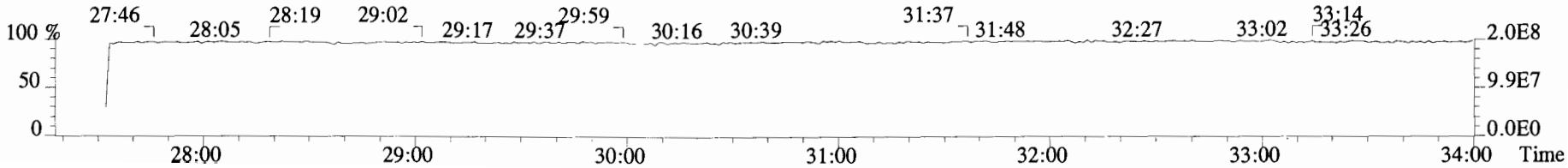
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96840.0,0.00%,F,F)



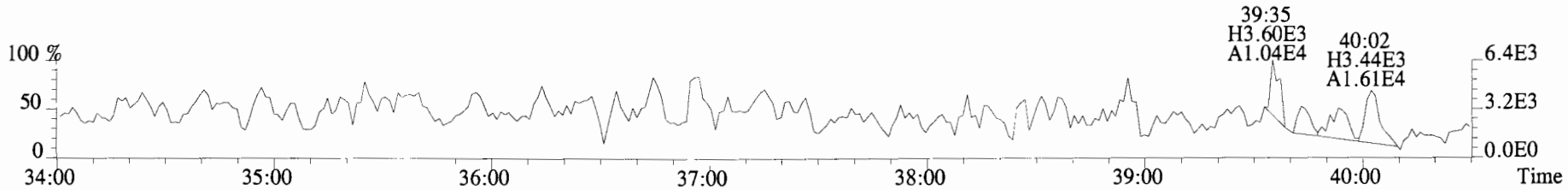
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33652.0,0.00%,F,F)



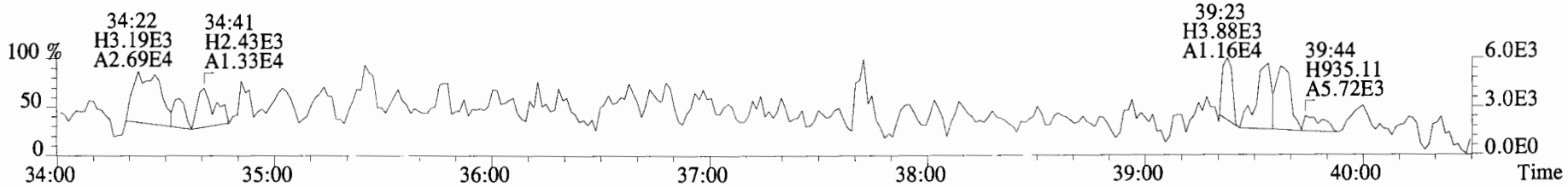
330.9792 S:3 F:3



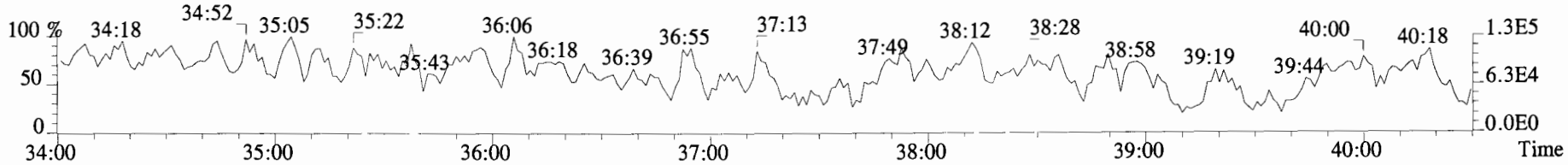
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3364.0,0.00%,F,F)



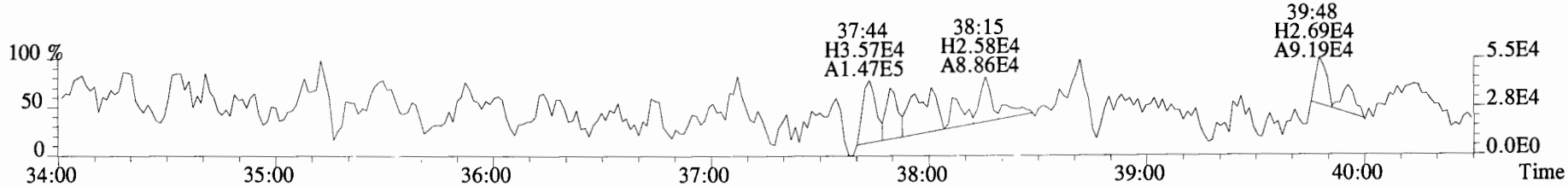
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



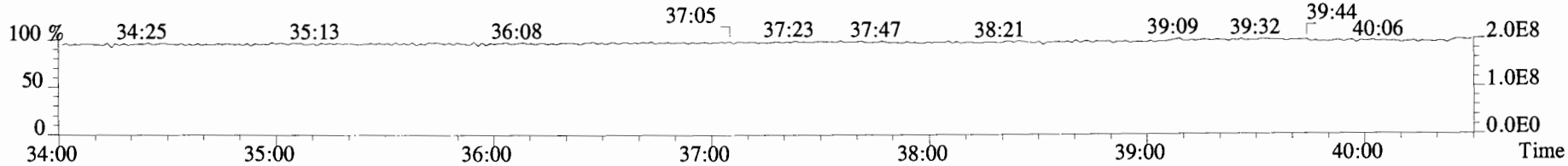
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96840.0,0.00%,F,F)



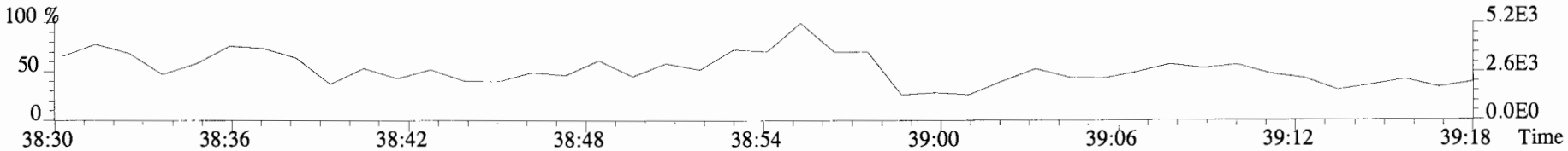
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33652.0,0.00%,F,F)



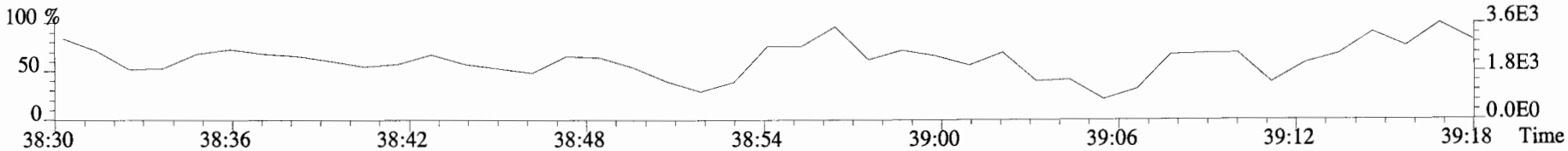
330.9792 S:3 F:3



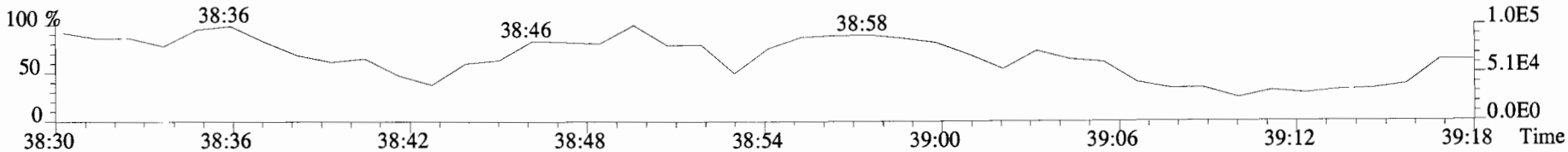
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3364.0,0.00%,F,F)



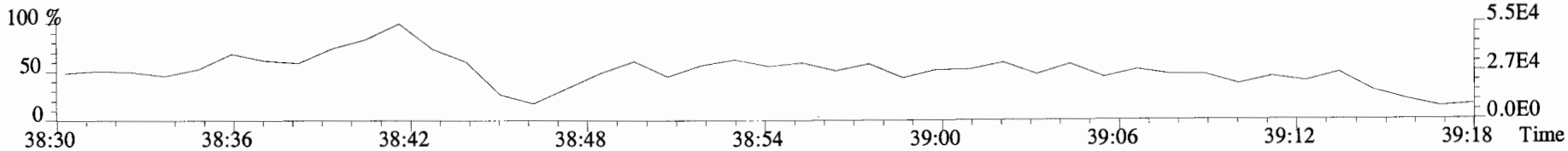
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2976.0,0.00%,F,F)



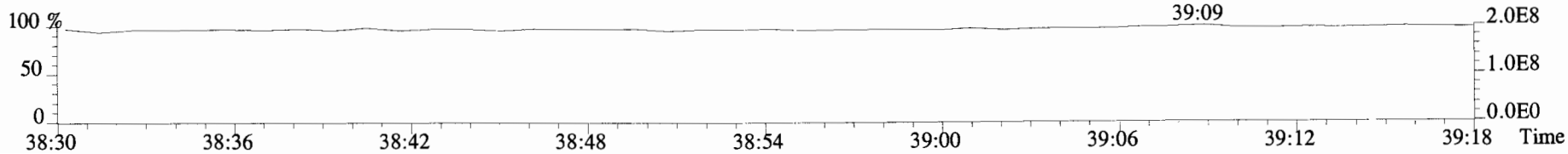
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96840.0,0.00%,F,F)



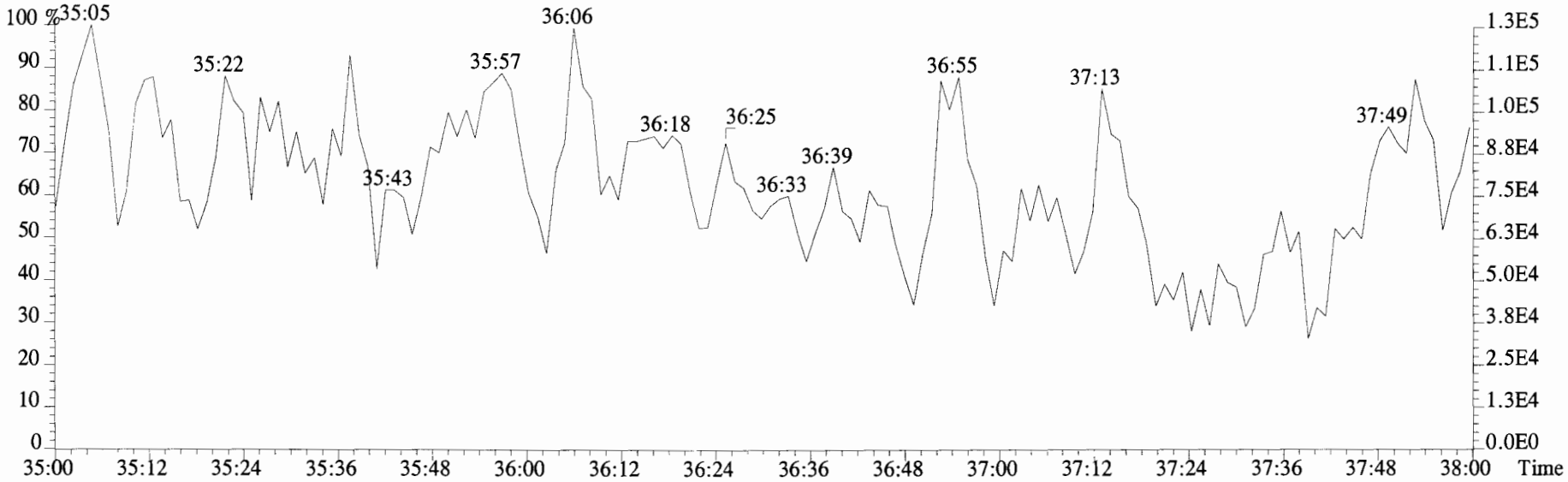
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33652.0,0.00%,F,F)



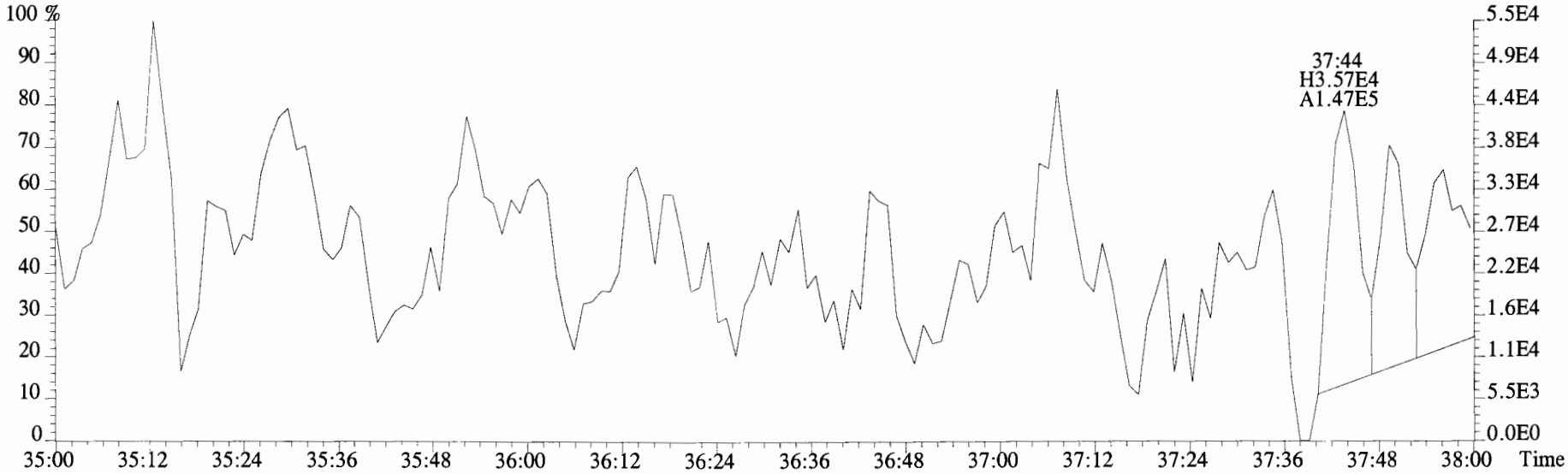
330.9792 S:3 F:3



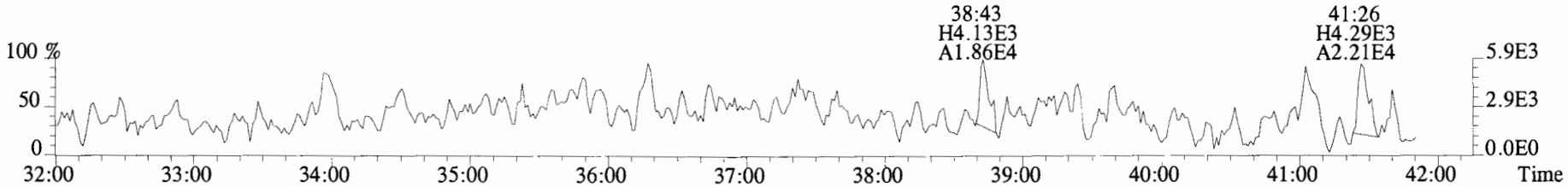
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,96840.0,0.00%,F,F)



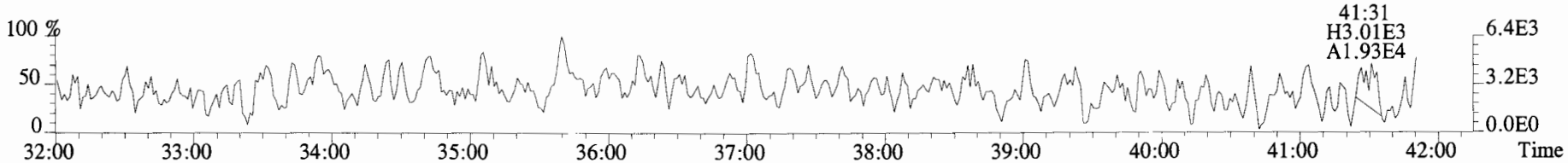
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33652.0,0.00%,F,F)



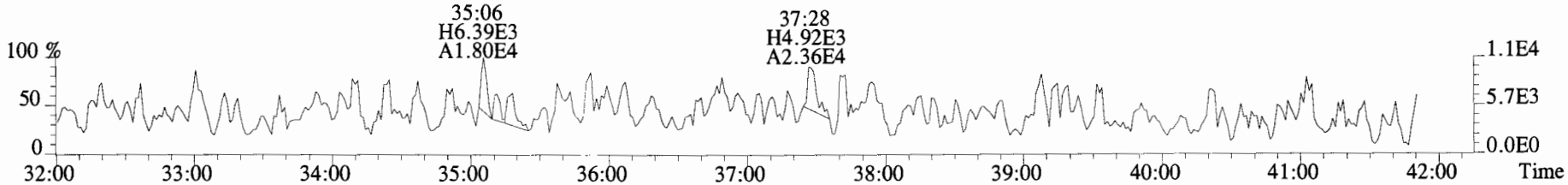
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



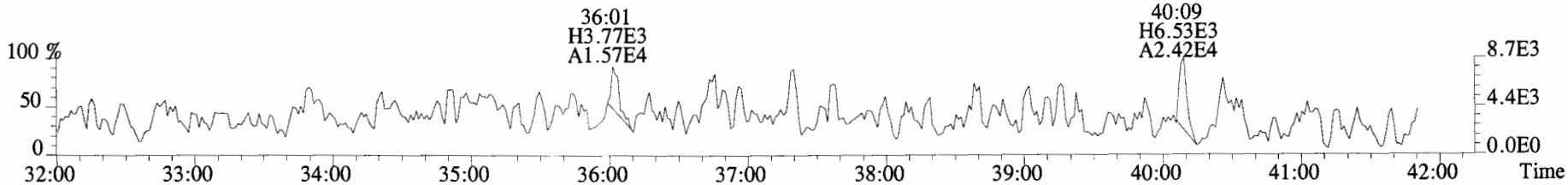
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3592.0,0.00%,F,F)



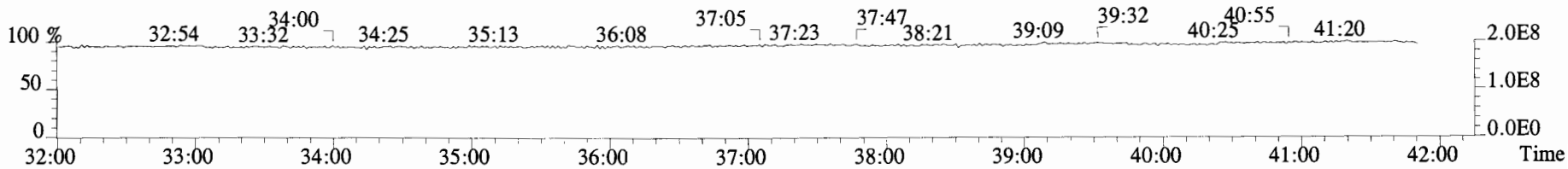
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6136.0,0.00%,F,F)



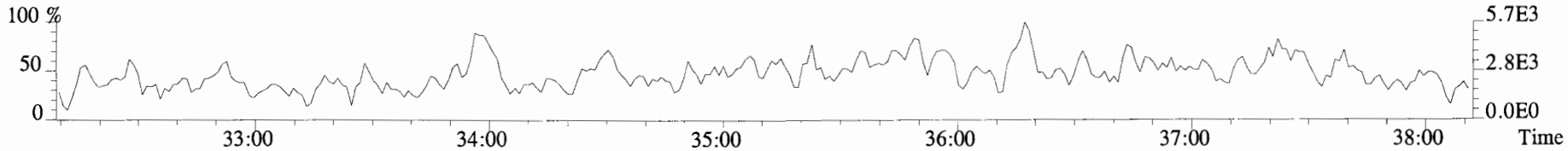
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)



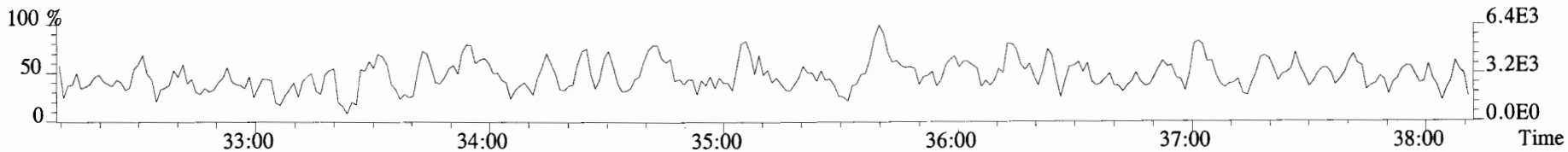
330.9792 S:3 F:3



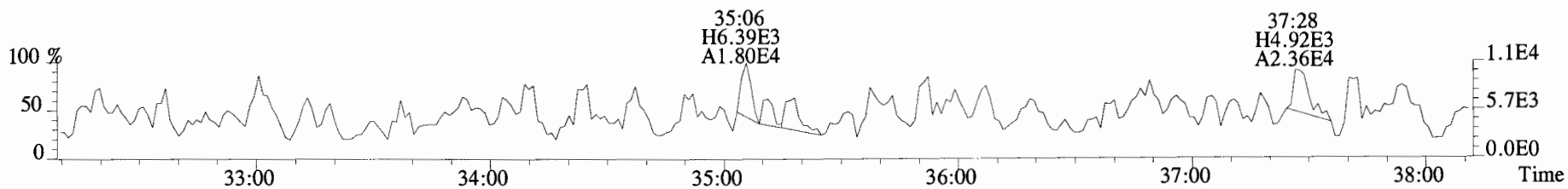
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



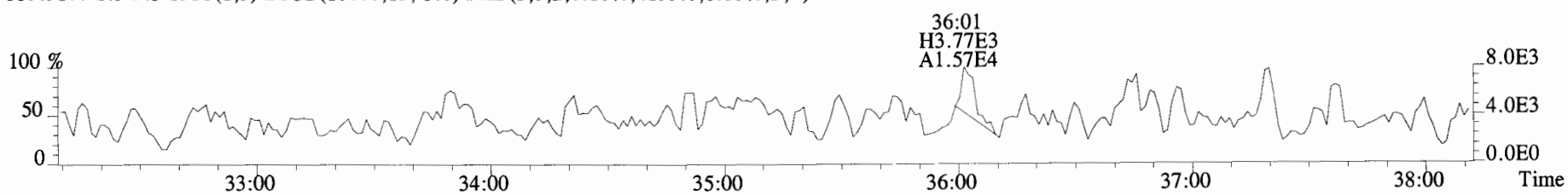
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3592.0,0.00%,F,F)



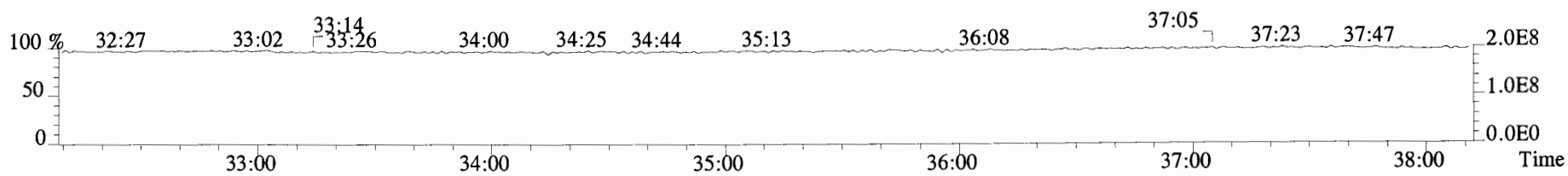
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6136.0,0.00%,F,F)



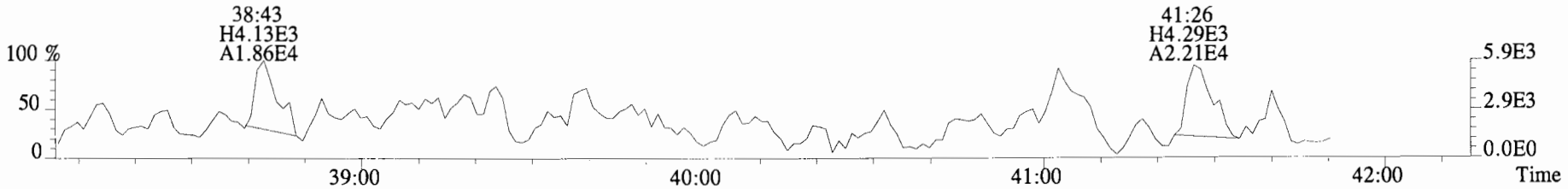
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)



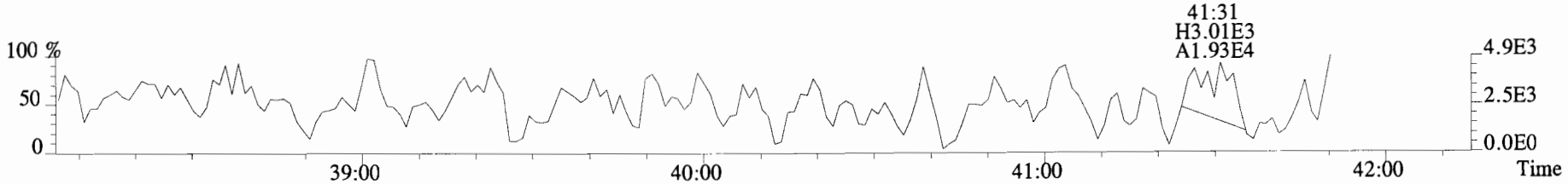
330.9792 S:3 F:3



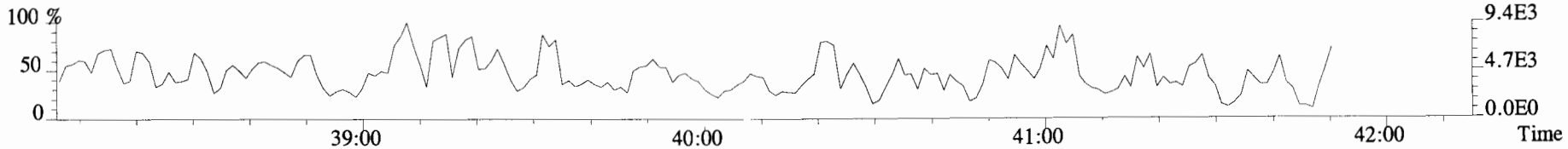
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3048.0,0.00%,F,F)



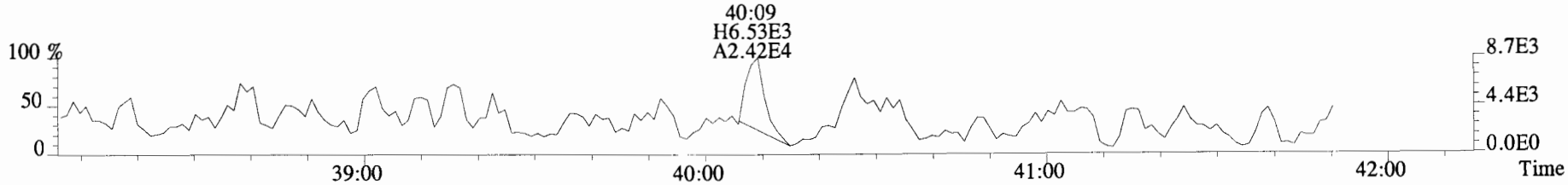
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3592.0,0.00%,F,F)



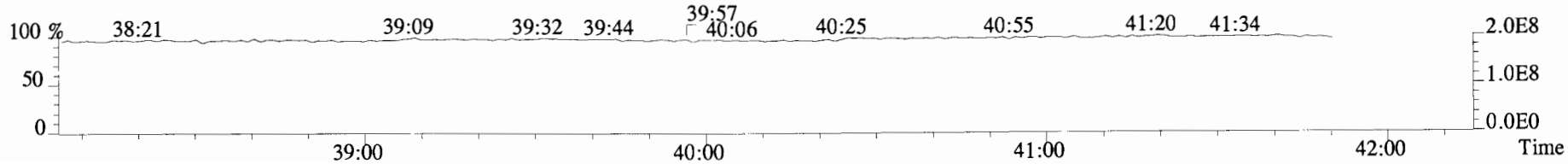
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6136.0,0.00%,F,F)



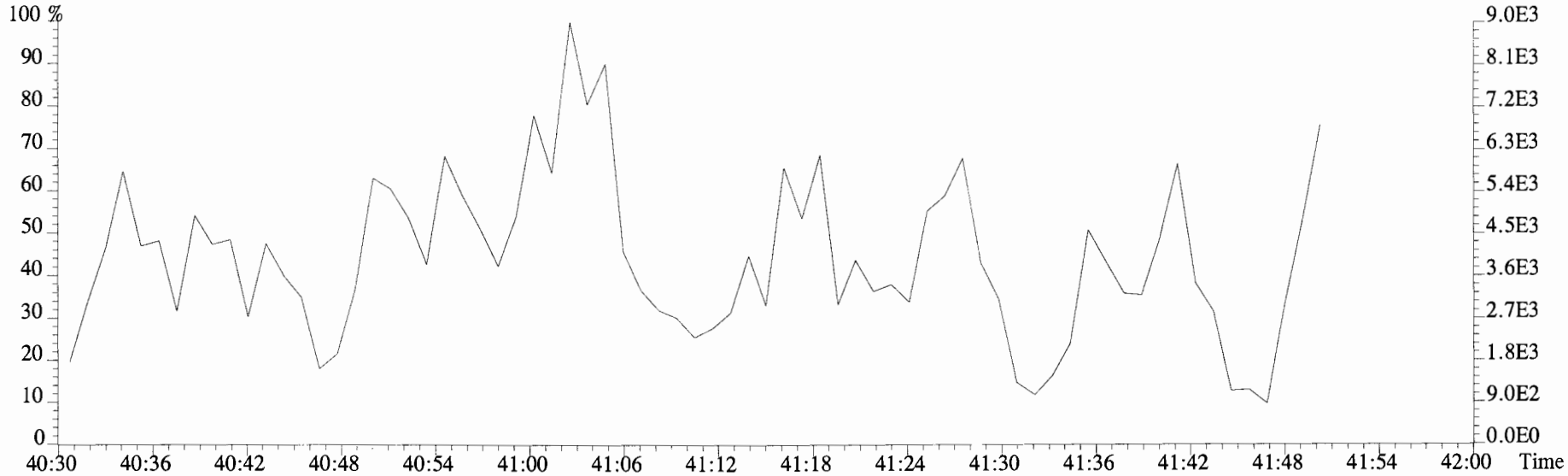
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)



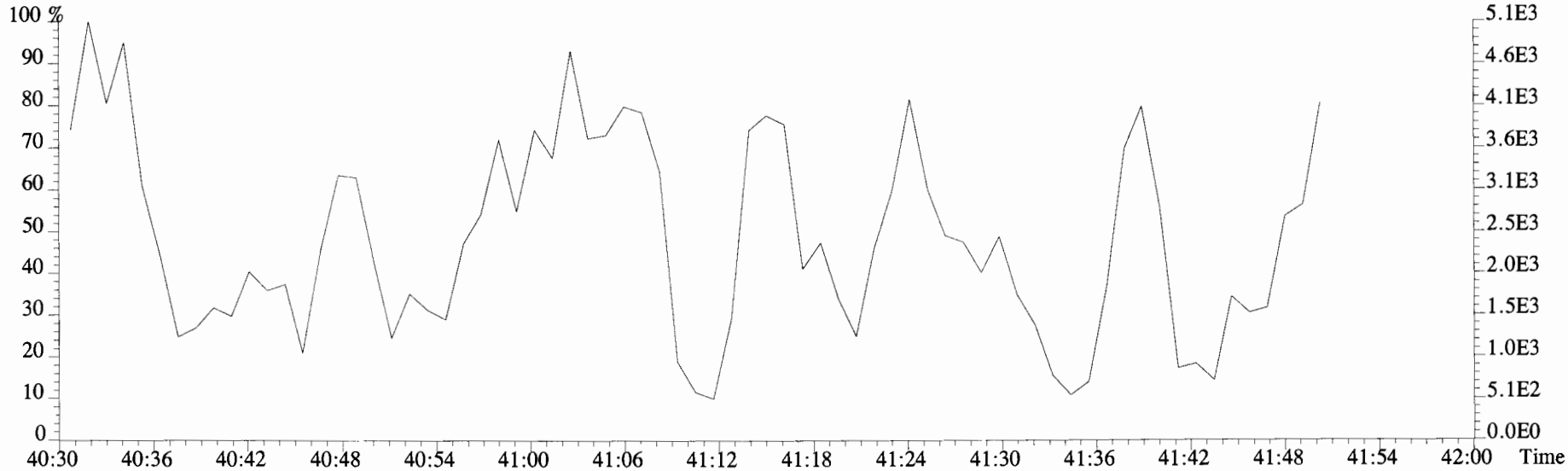
330.9792 S:3 F:3



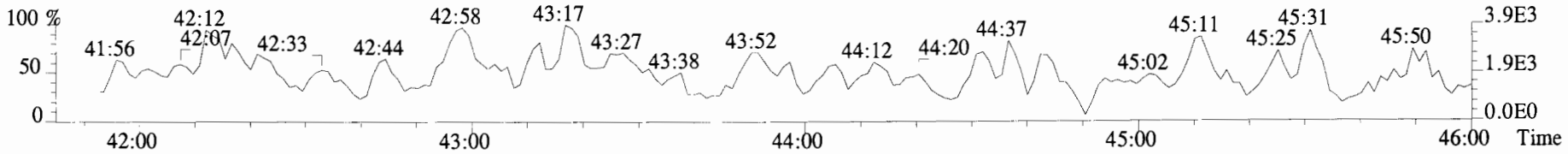
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6136.0,0.00%,F,F)



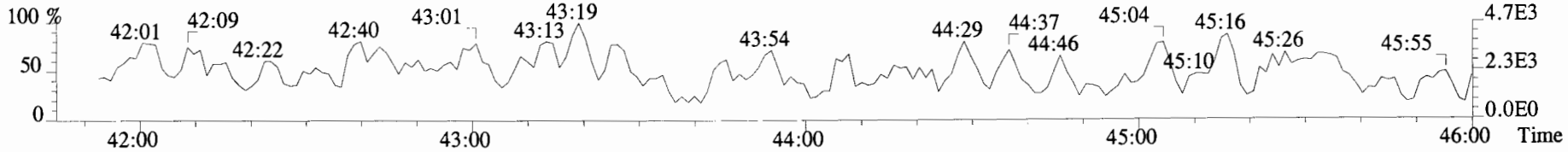
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4192.0,0.00%,F,F)



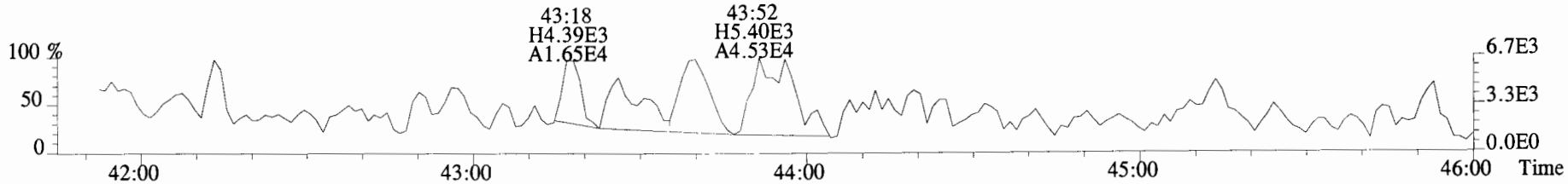
File:180118E2 #1-566 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2320.0,0.00%,F,F)



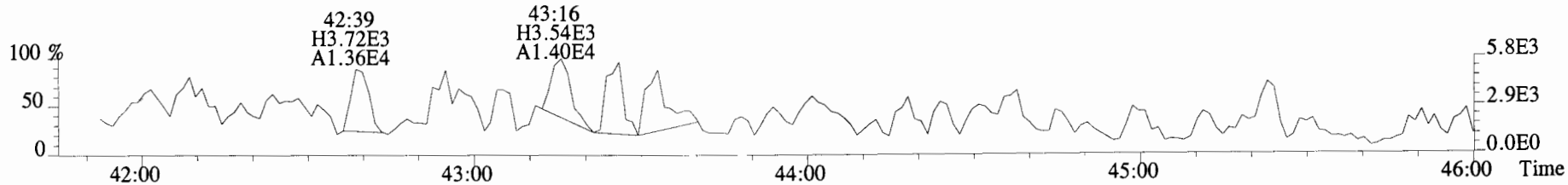
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3064.0,0.00%,F,F)



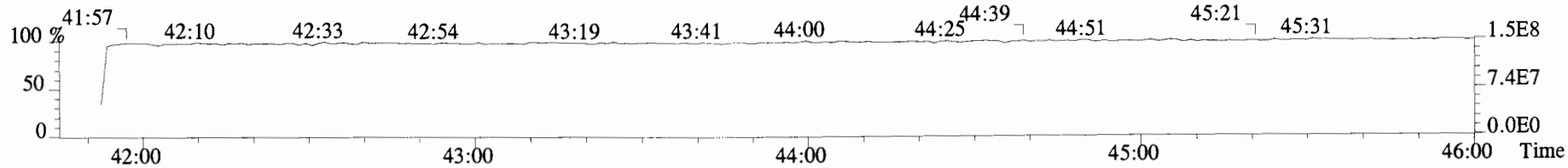
337.9207 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3292.0,0.00%,F,F)



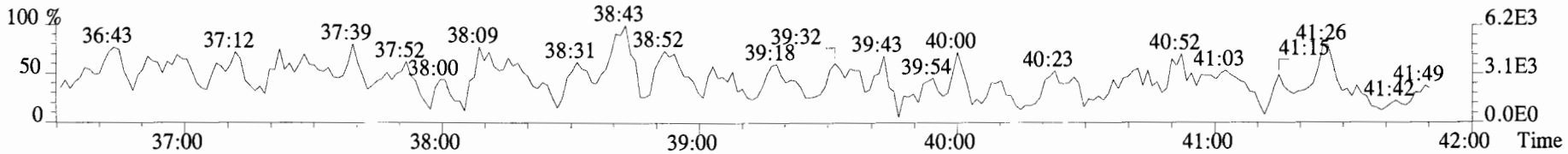
339.9177 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2632.0,0.00%,F,F)



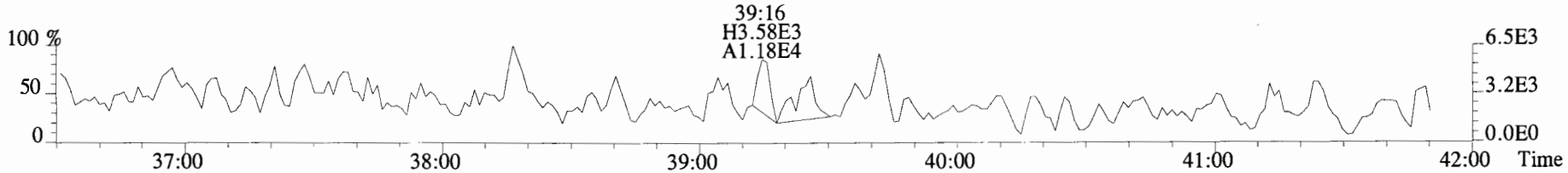
380.9760 S:3 F:4



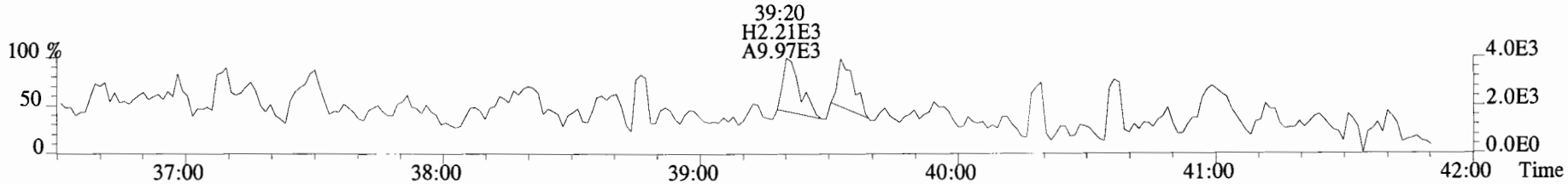
File:180118E2 #1-756 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3528.0,0.00%,F,F)



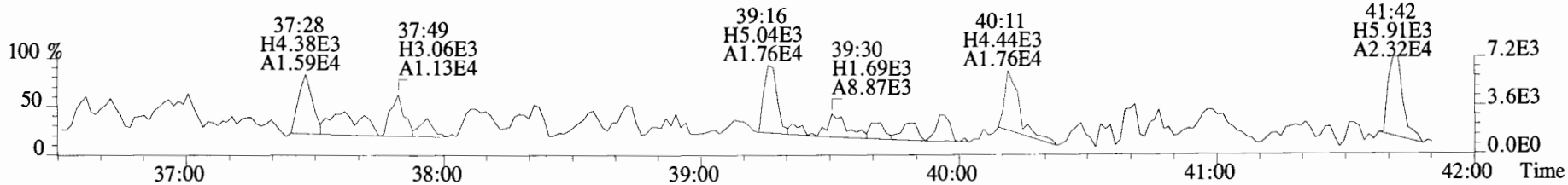
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3552.0,0.00%,F,F)



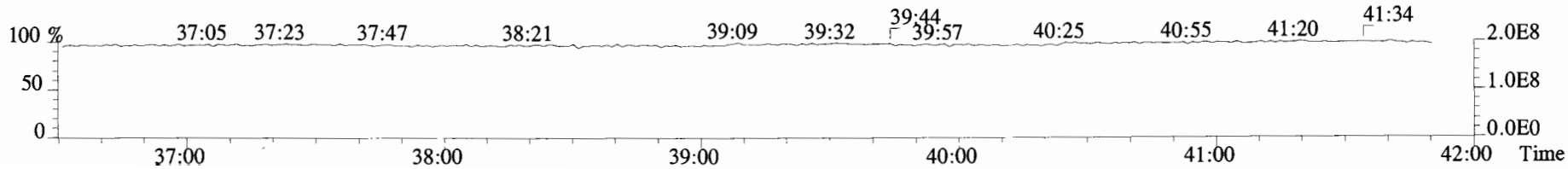
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2288.0,0.00%,F,F)



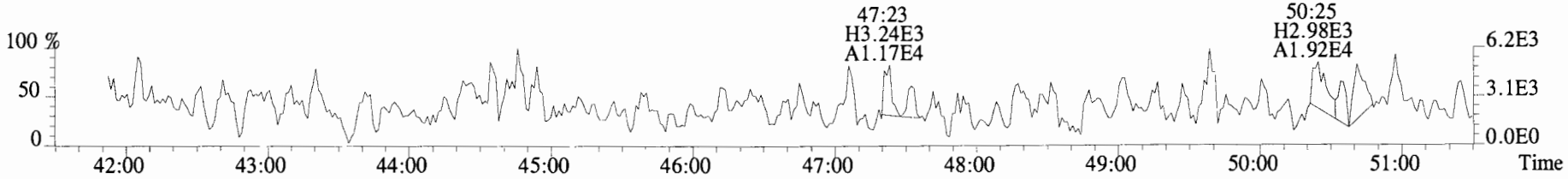
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2812.0,0.00%,F,F)



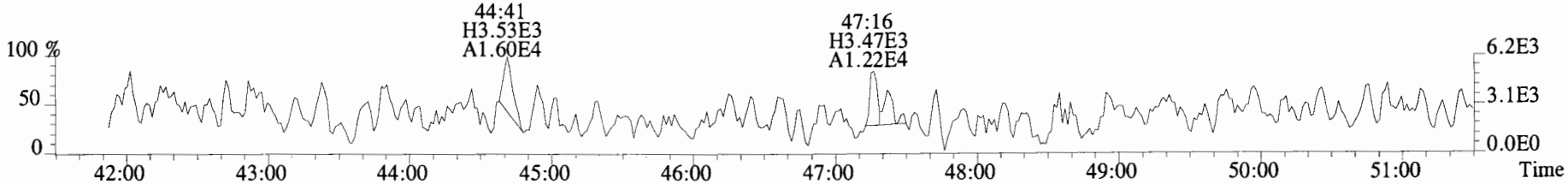
330.9792 S:3 F:3



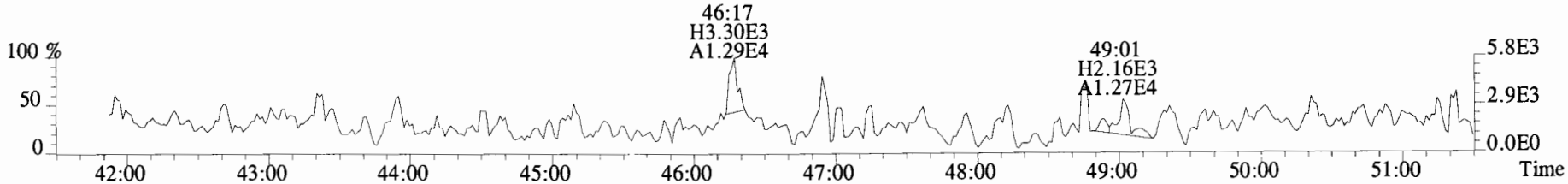
File:180118E2 #1-566 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3248.0,0.00%,F,F)



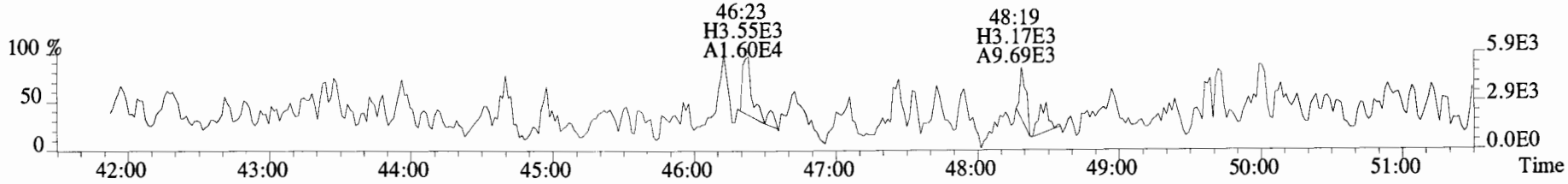
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)



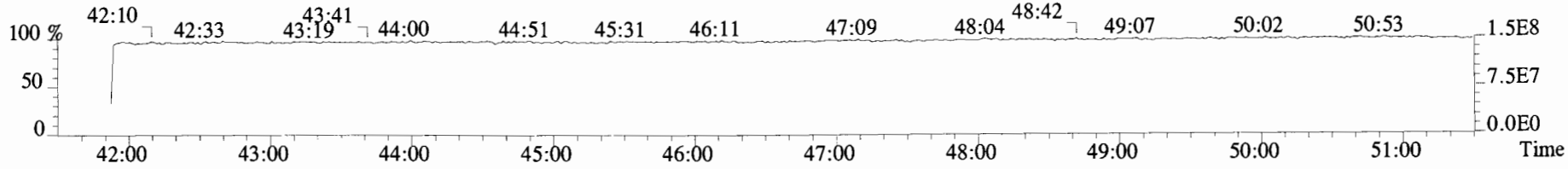
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2248.0,0.00%,F,F)



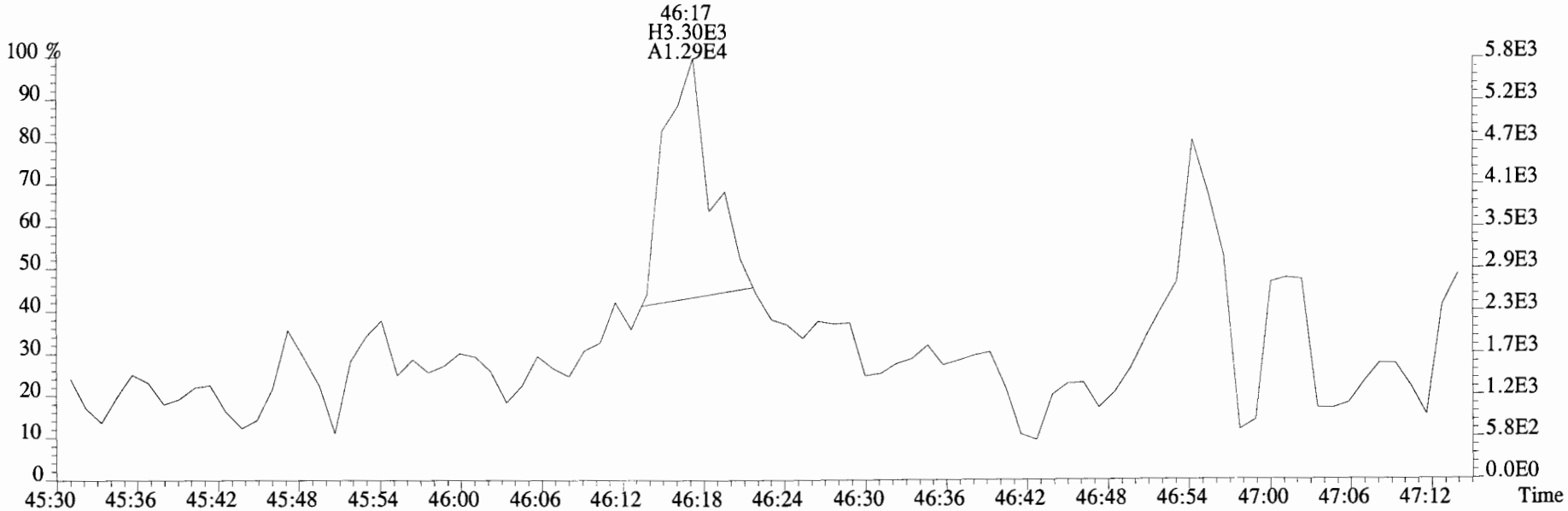
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



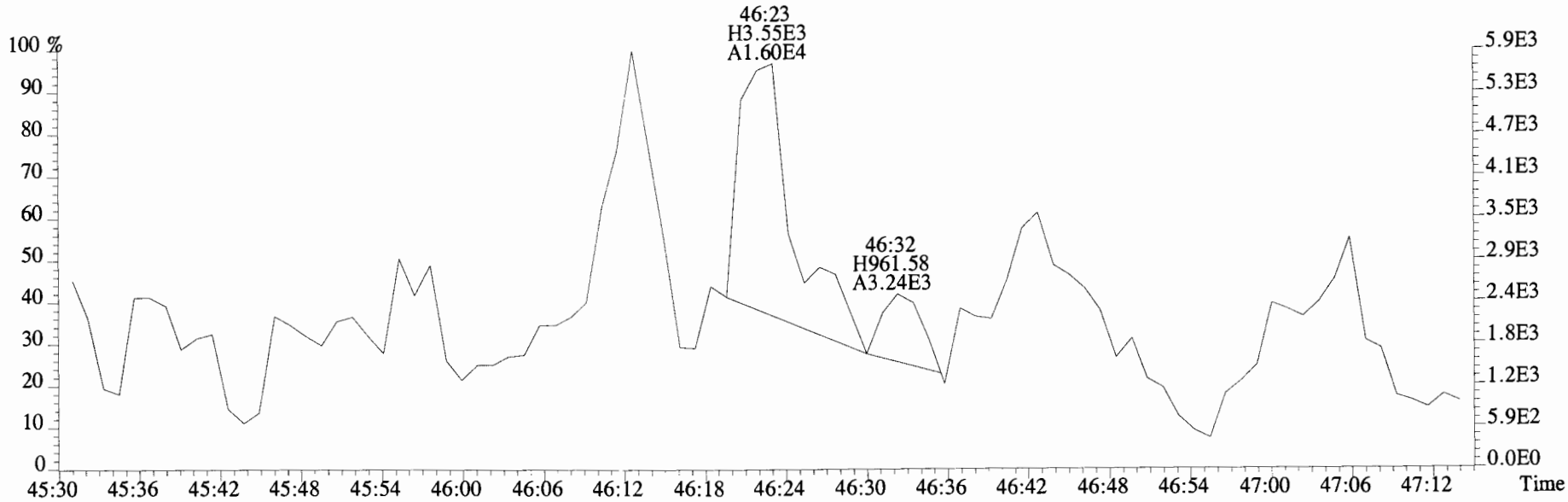
380.9760 S:3 F:4



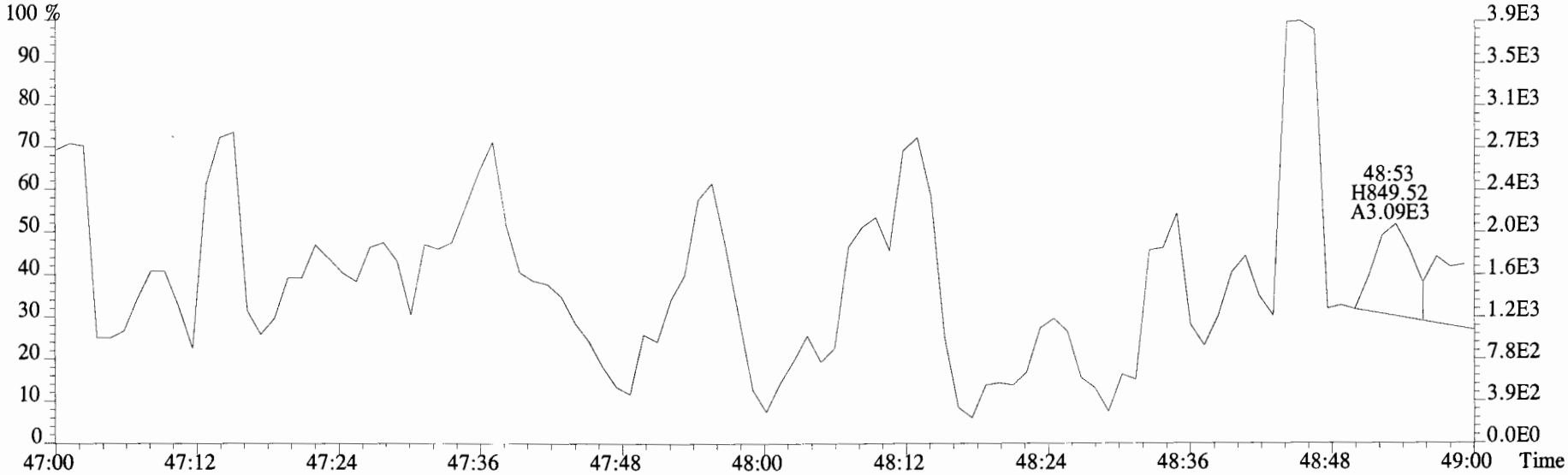
File:180118E2 #1-566 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2248.0,0.00%,F,F)



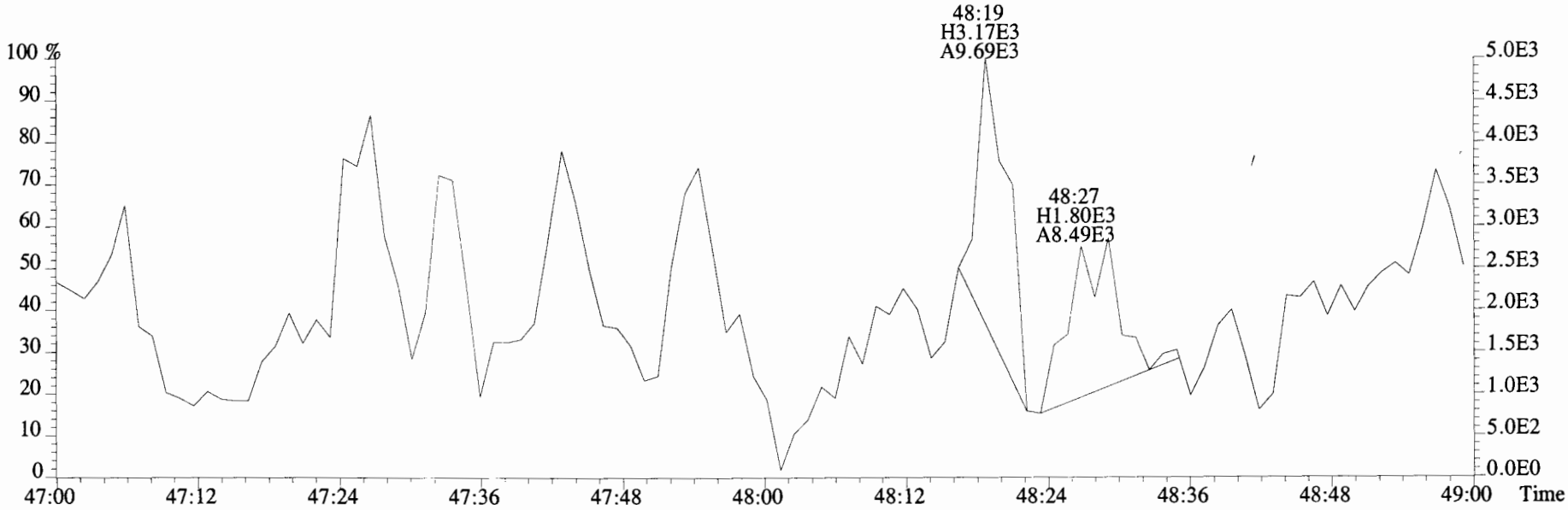
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



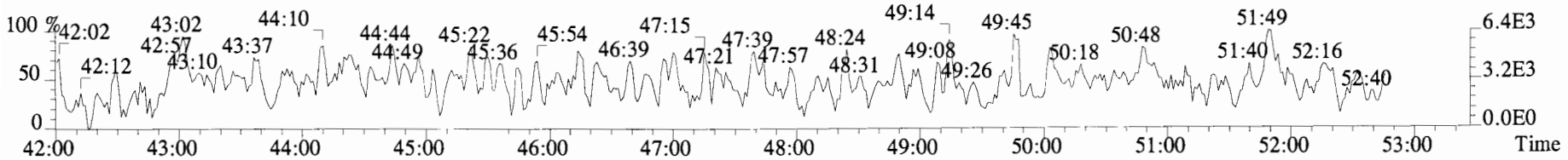
File:180118E2 #1-566 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2248.0,0.00%,F,F)



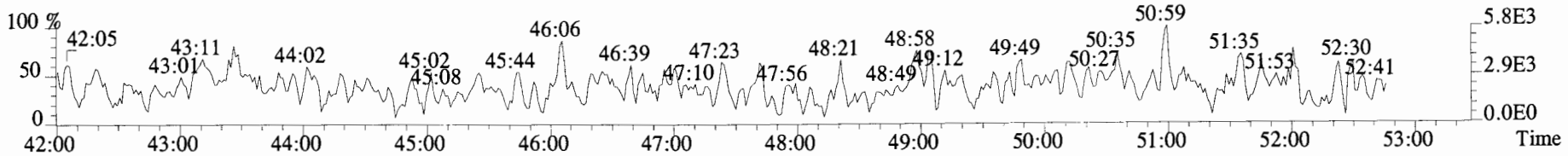
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2808.0,0.00%,F,F)



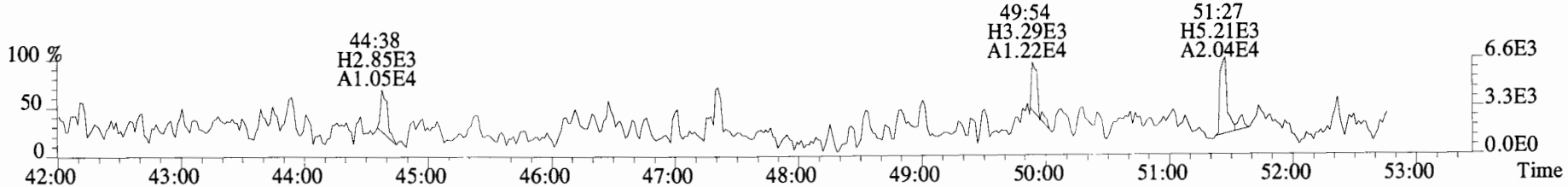
File:180118E2 #1-566 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3864.0,0.00%,F,F)



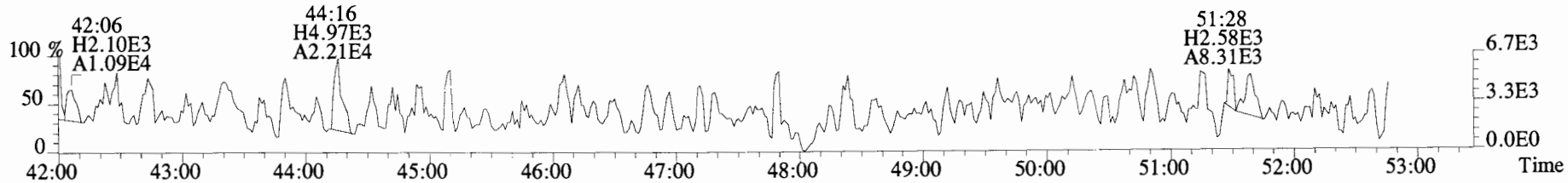
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2900.0,0.00%,F,F)



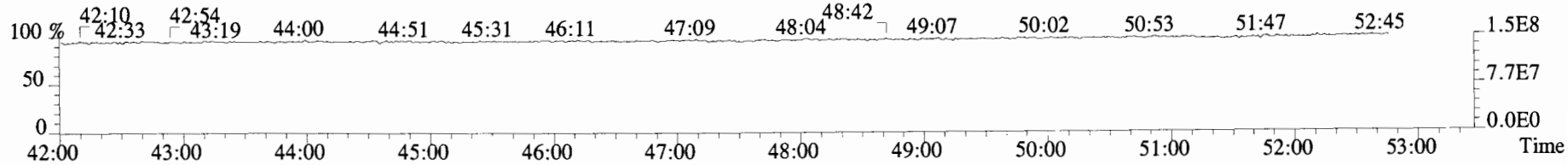
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2436.0,0.00%,F,F)



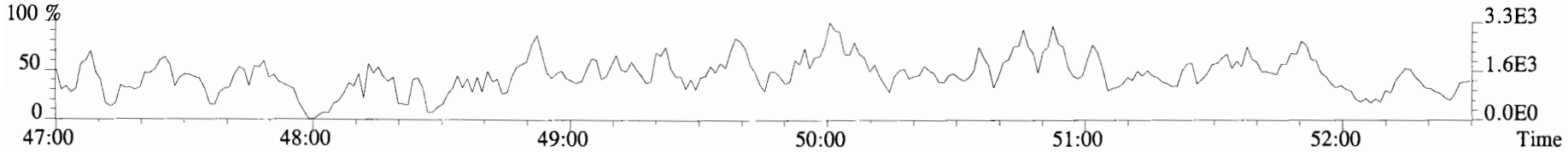
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3552.0,0.00%,F,F)



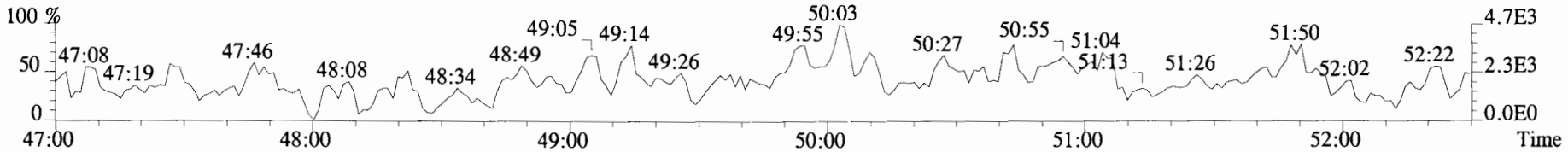
380.9760 S:3 F:4



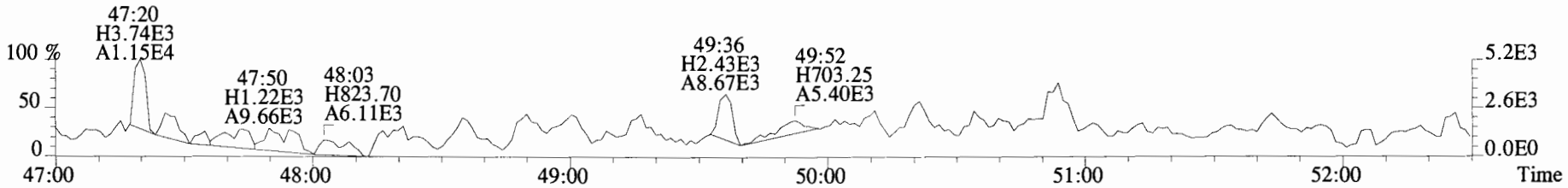
File:180118E2 #1-566 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1852.0,0.00%,F,F)



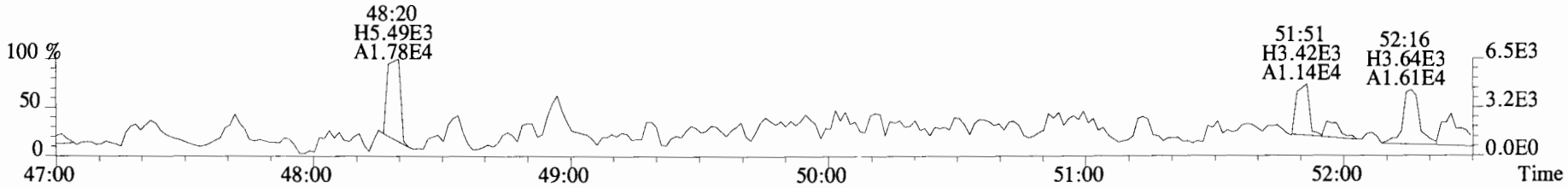
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2404.0,0.00%,F,F)



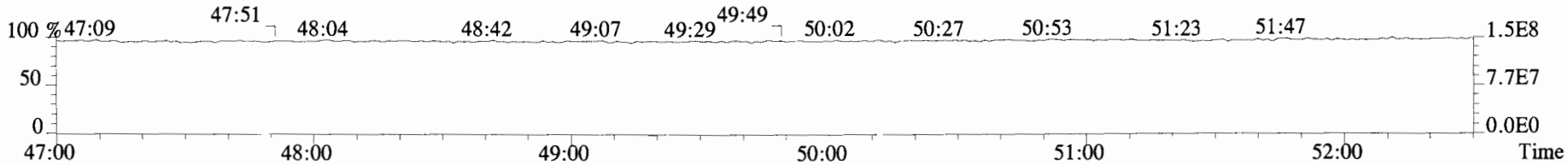
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1756.0,0.00%,F,F)



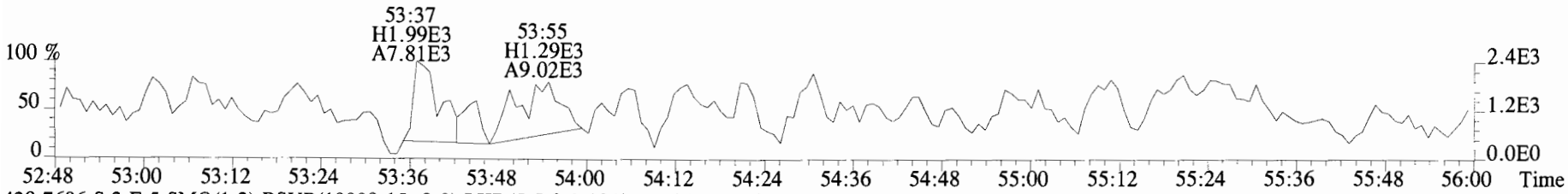
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



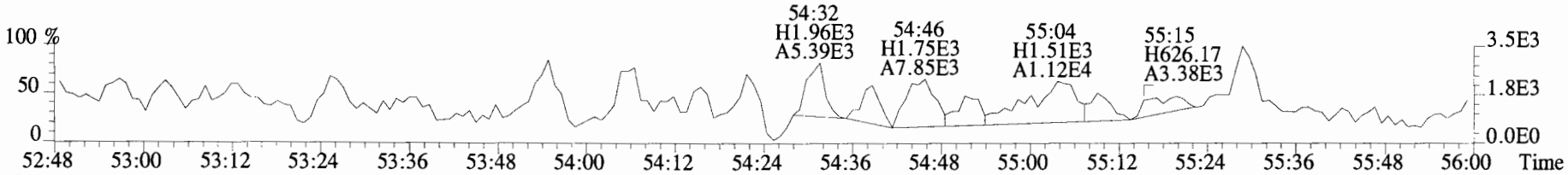
380.9760 S:3 F:4



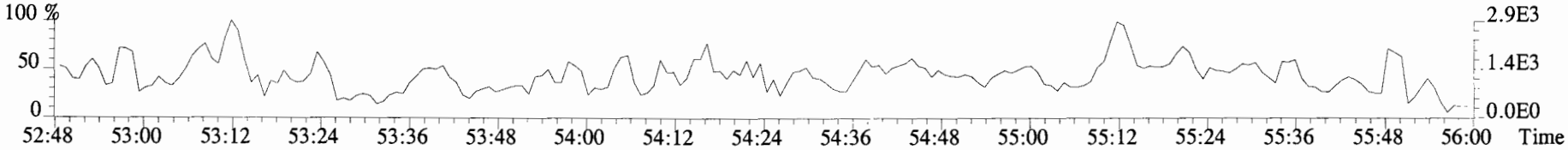
File:180118E2 #1-418 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



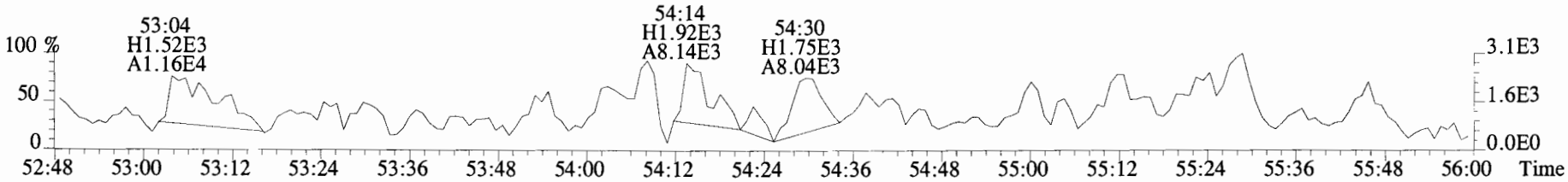
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



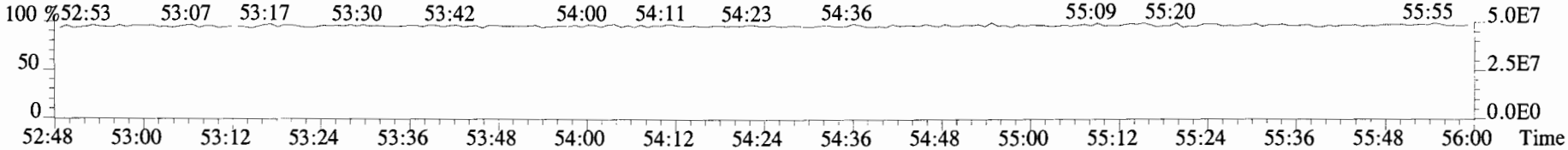
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1604.0,0.00%,F,F)



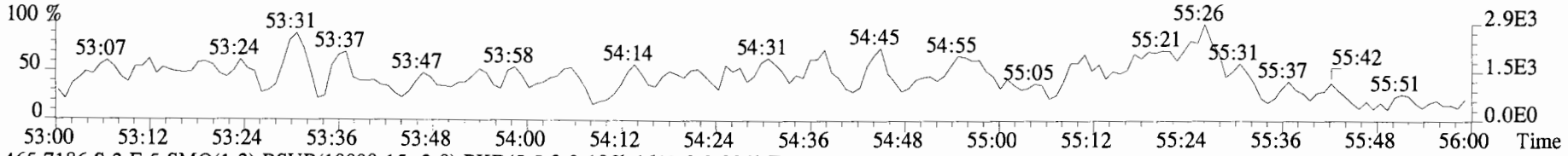
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1500.0,0.00%,F,F)



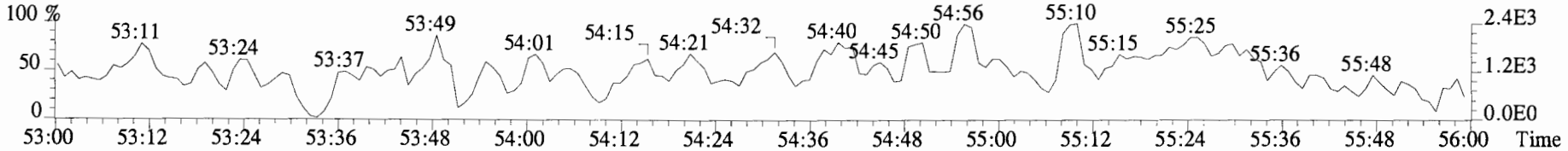
492.9697 S:3 F:5



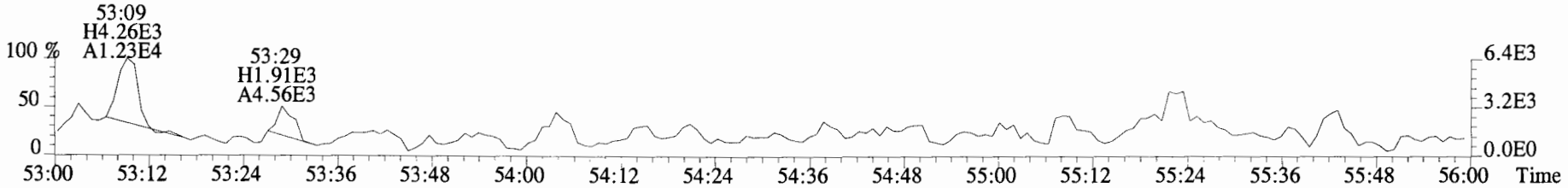
File:180118E2 #1-418 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1768.0,0.00%,F,F)



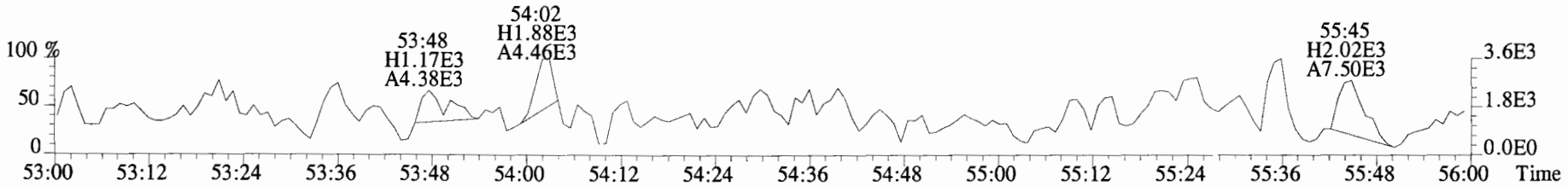
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1612.0,0.00%,F,F)



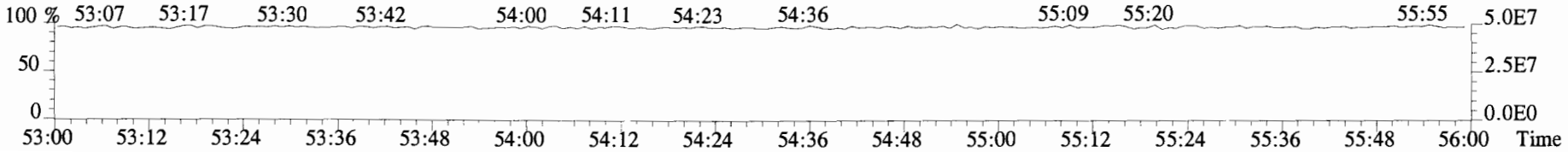
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



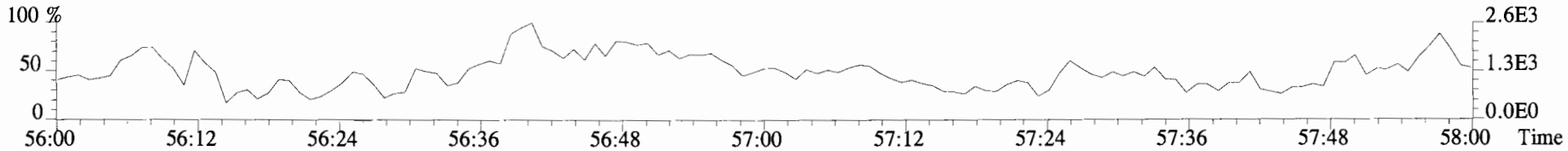
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1796.0,0.00%,F,F)



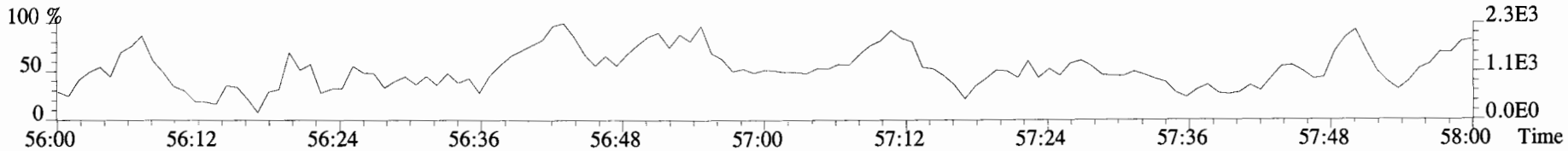
492.9697 S:3 F:5



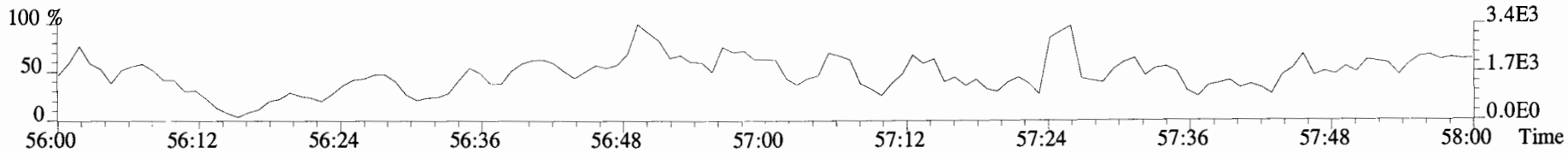
File:180118E2 #1-418 Acq:18-JAN-2018 18:46:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1372.0,0.00%,F,F)



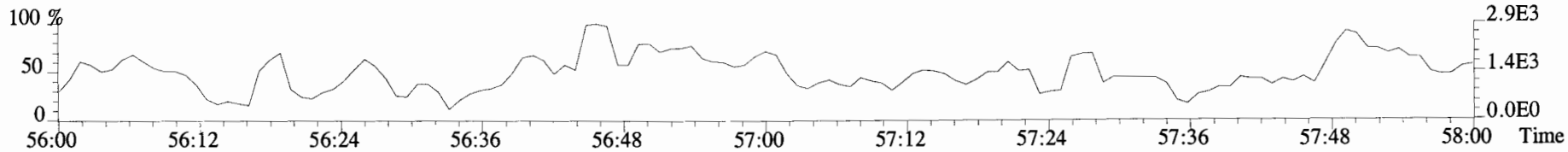
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1416.0,0.00%,F,F)



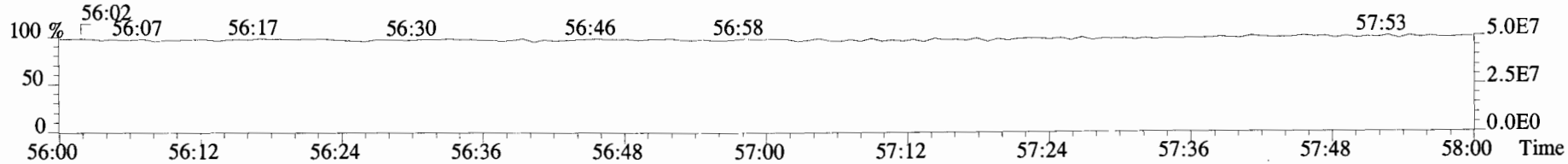
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1860.0,0.00%,F,F)



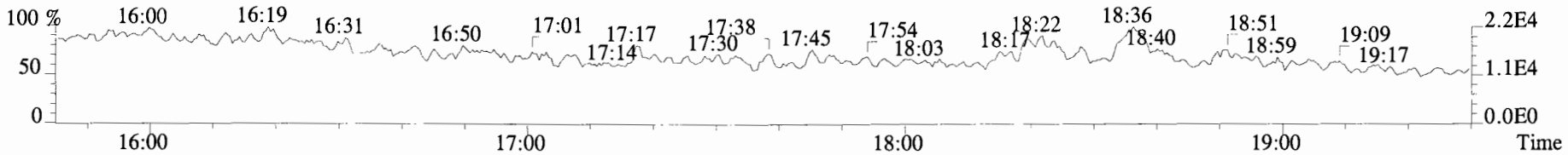
511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1684.0,0.00%,F,F)



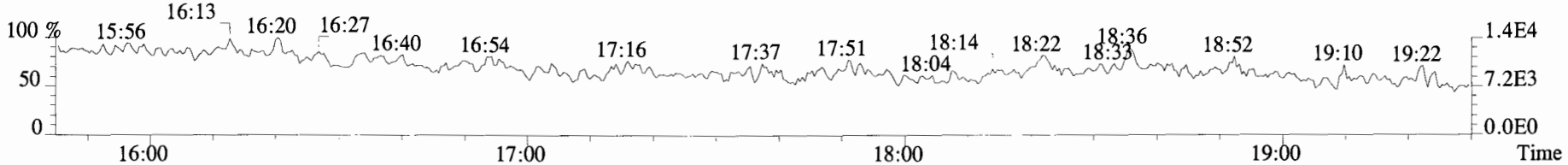
492.9697 S:3 F:5



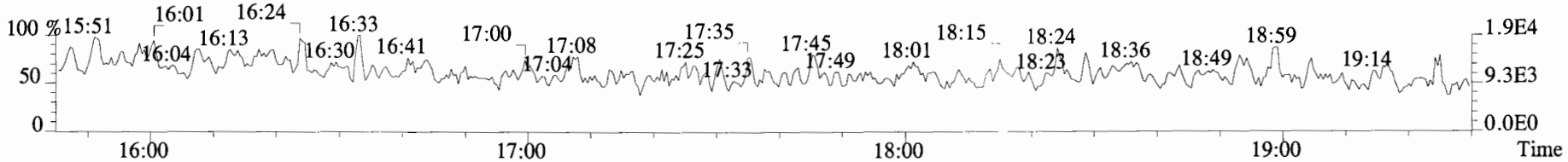
File:180118E2 #1-866 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
188.0393 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20572.0,0.00%,F,F)



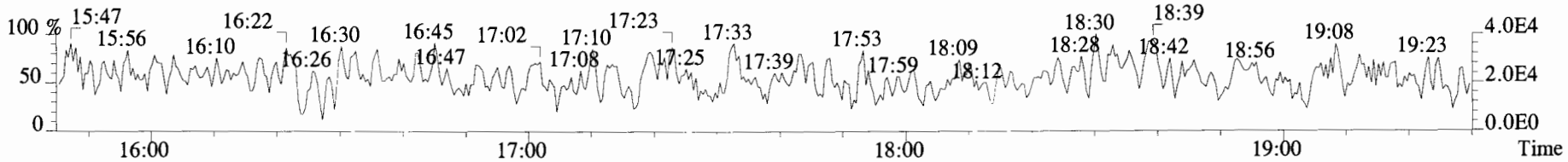
190.0363 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13080.0,0.00%,F,F)



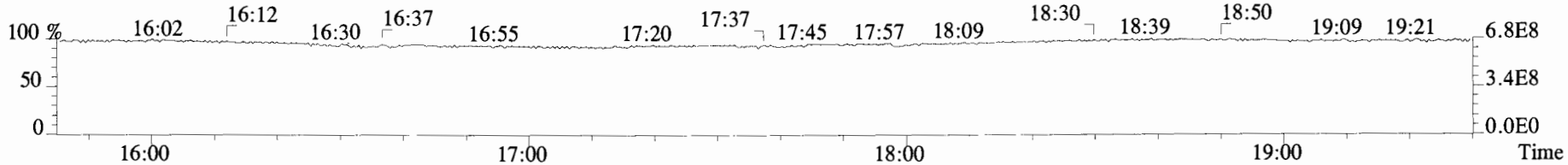
200.0795 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15060.0,0.00%,F,F)



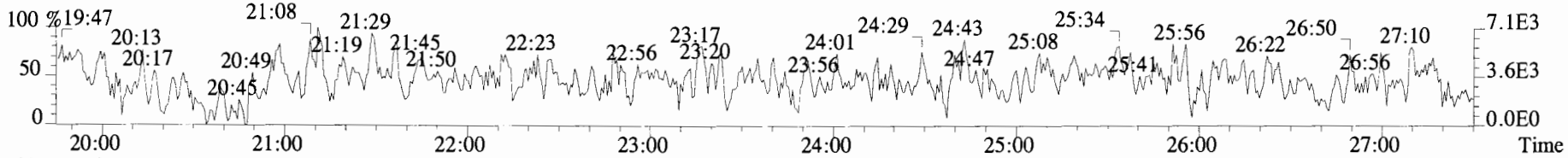
202.0766 S:12 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29728.0,0.00%,F,F)



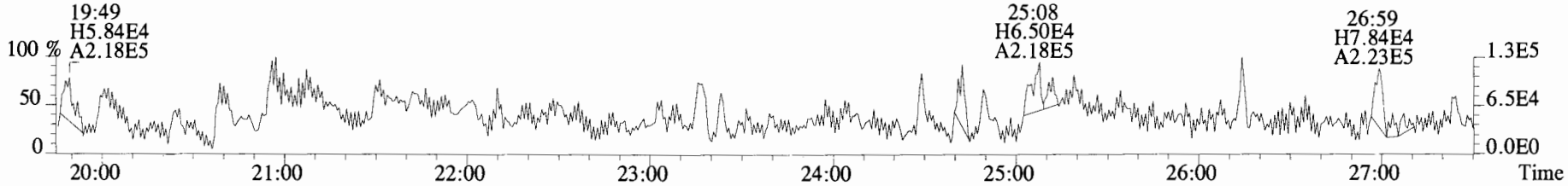
180.9880 S:12



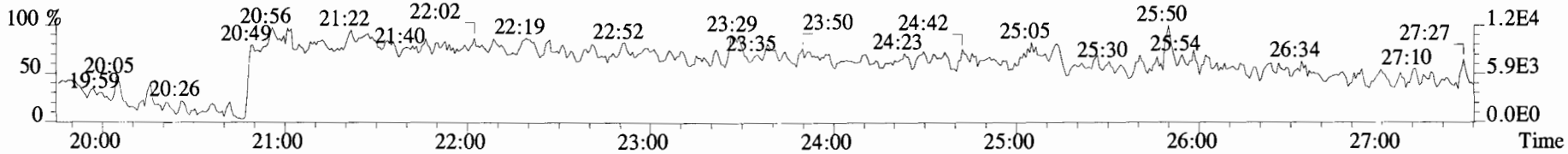
File:180118E2 #1-758 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
222.0003 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4364.0,0.00%,F,F)



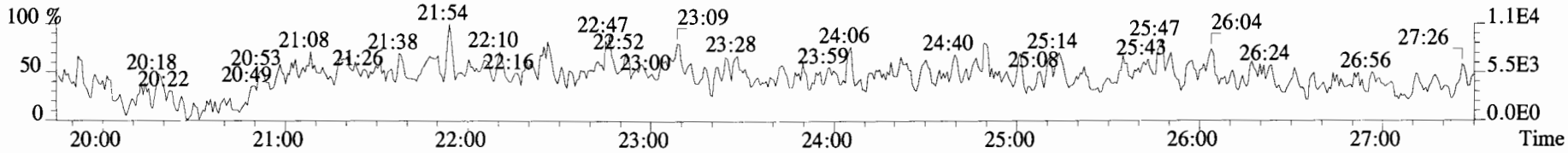
223.9974 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,61156.0,0.00%,F,F)



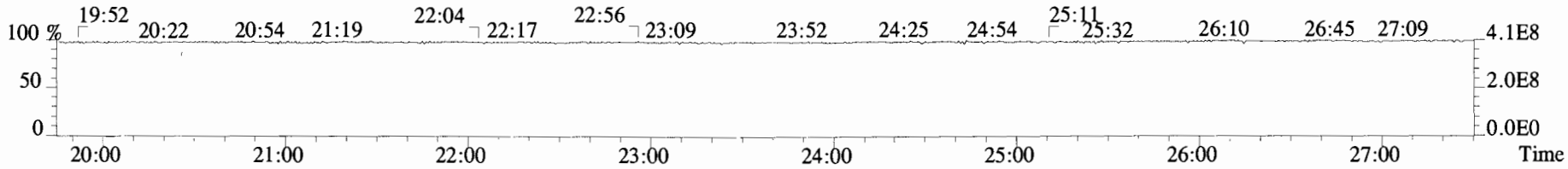
234.0406 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9424.0,0.00%,F,F)



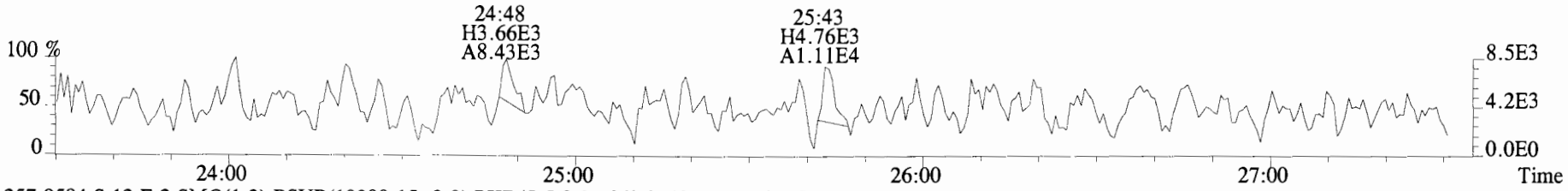
236.0376 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6720.0,0.00%,F,F)



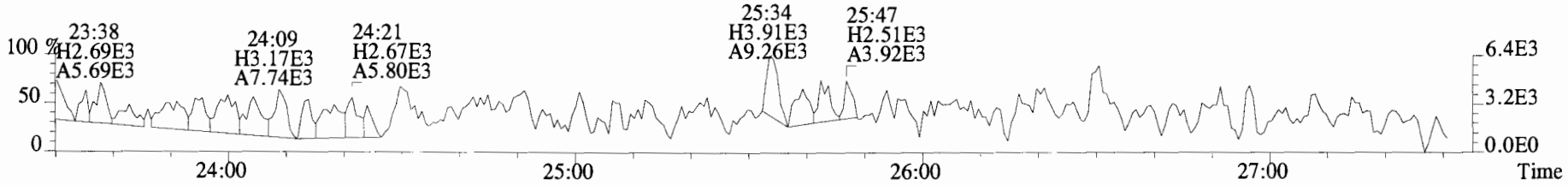
230.9856 S:12 F:2



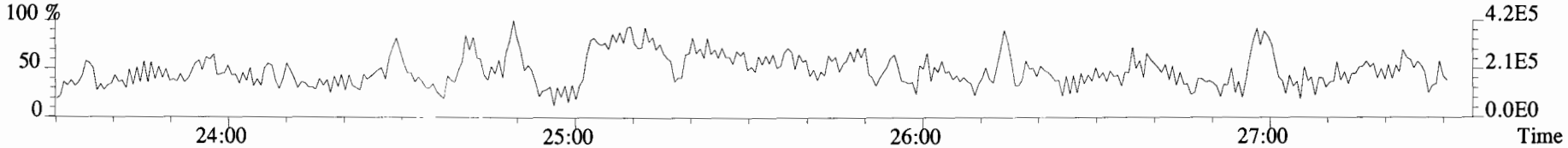
File:180118E2 #1-758 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5648.0,0.00%,F,F)



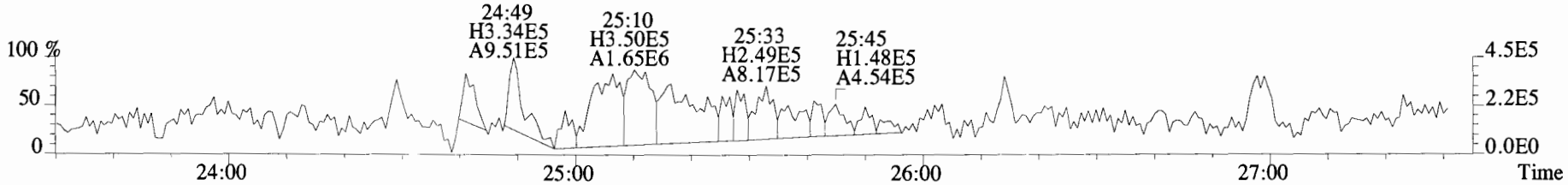
257.9584 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3540.0,0.00%,F,F)



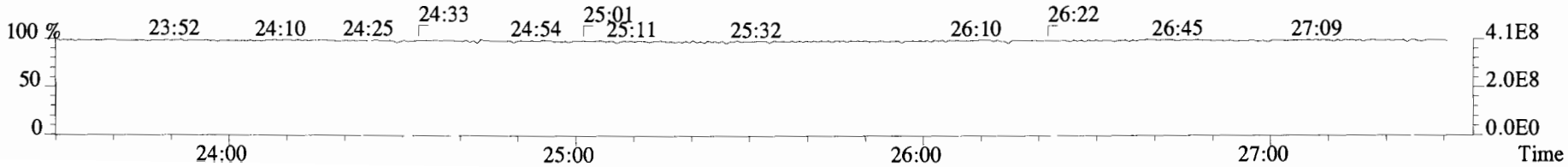
268.0016 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,263760.0,0.00%,F,F)



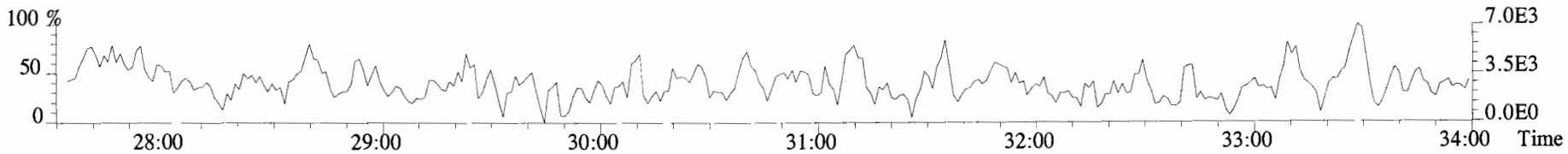
269.9986 S:12 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,228644.0,0.00%,F,F)



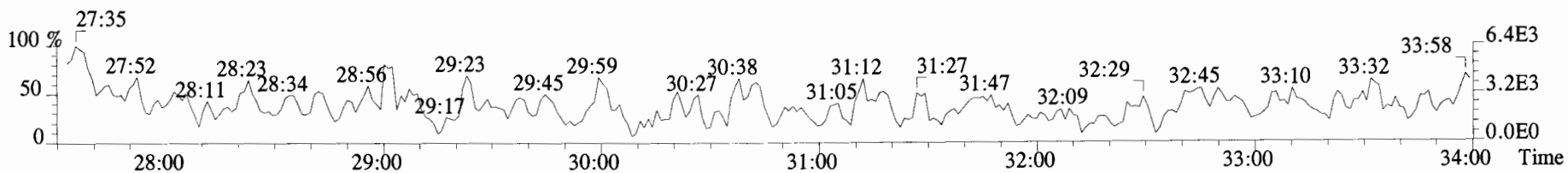
230.9856 S:12 F:2



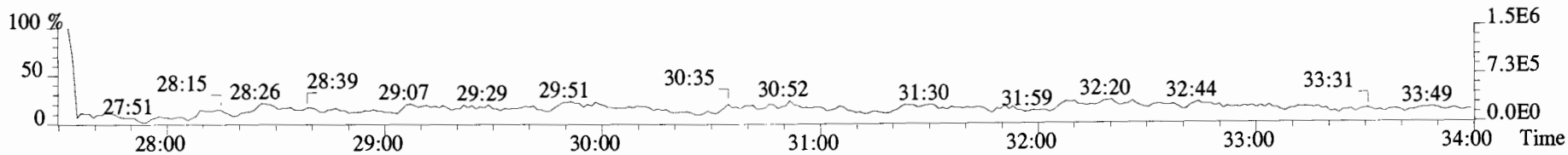
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
255.9613 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3756.0,0.00%,F,F)



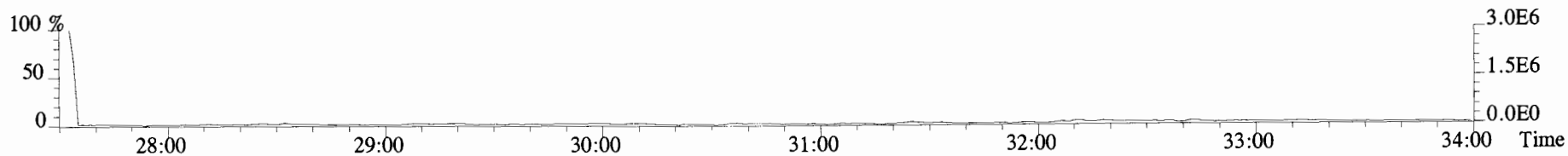
257.9584 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)



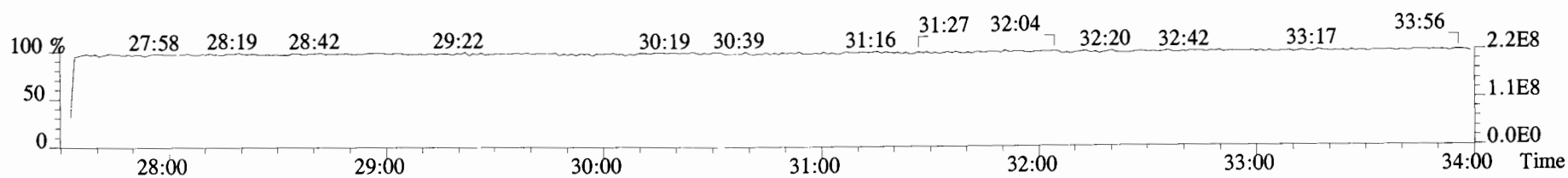
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,292884.0,0.00%,F,F)



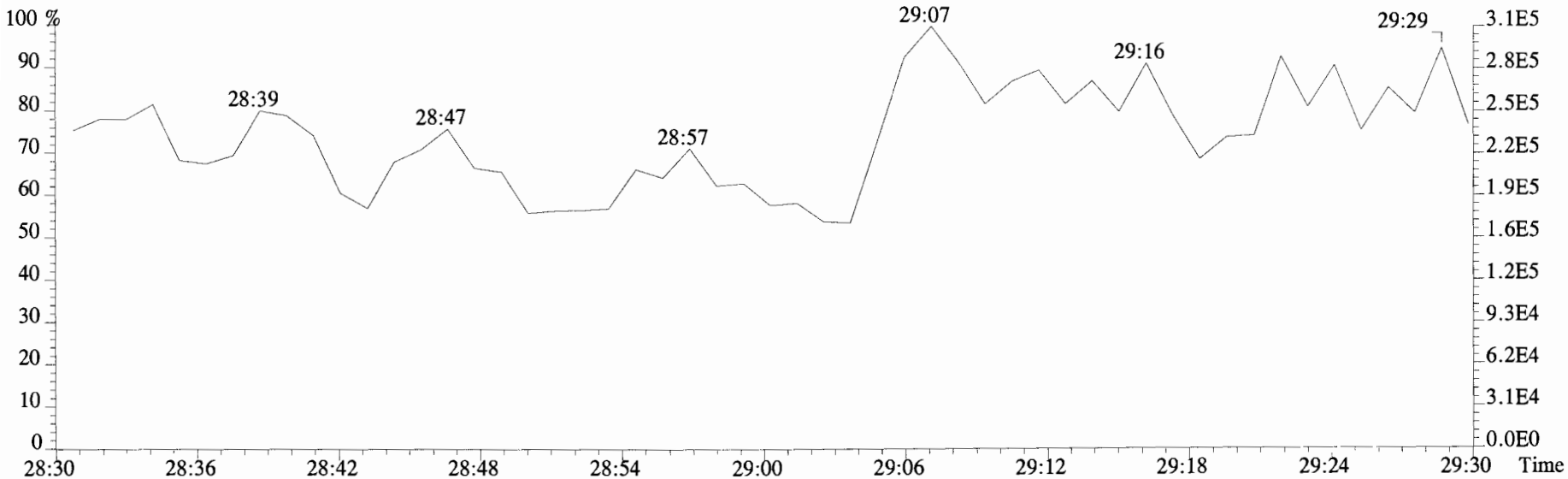
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63912.0,0.00%,F,F)



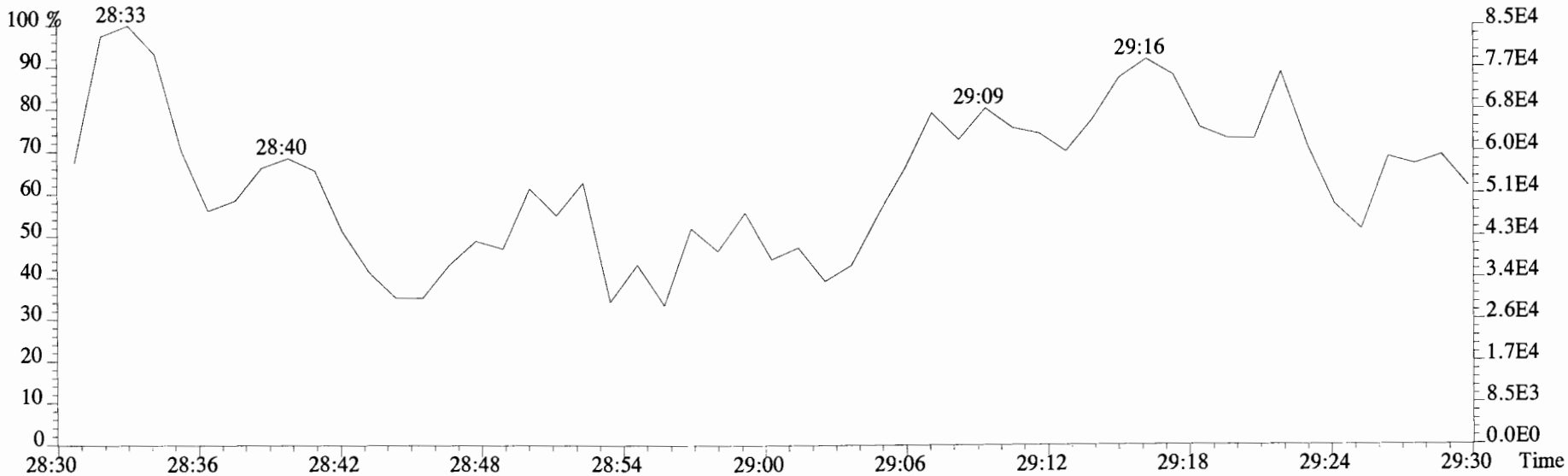
330.9792 S:12 F:3



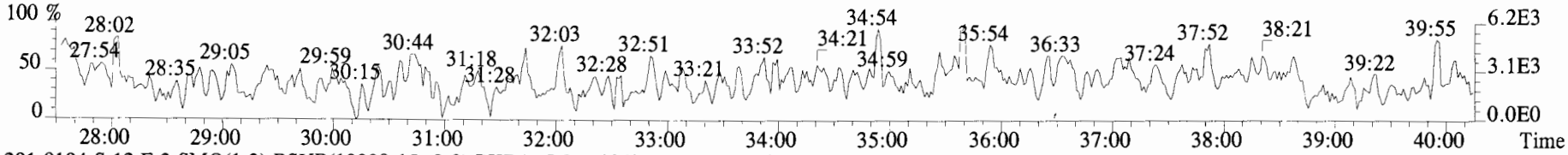
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
268.0016 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,292884.0,0.00%,F,F)



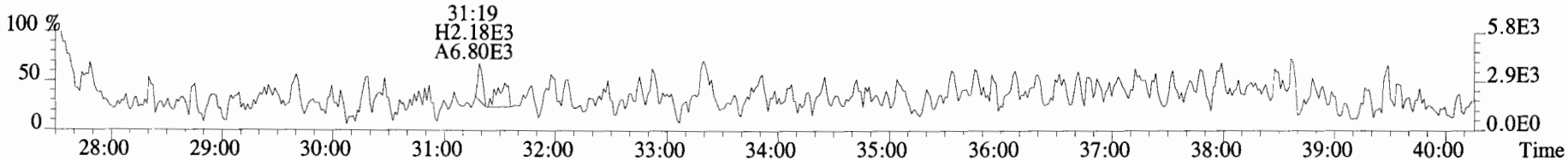
269.9986 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,63912.0,0.00%,F,F)



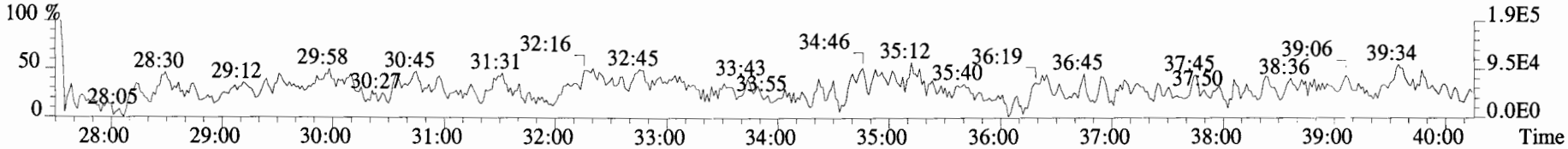
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



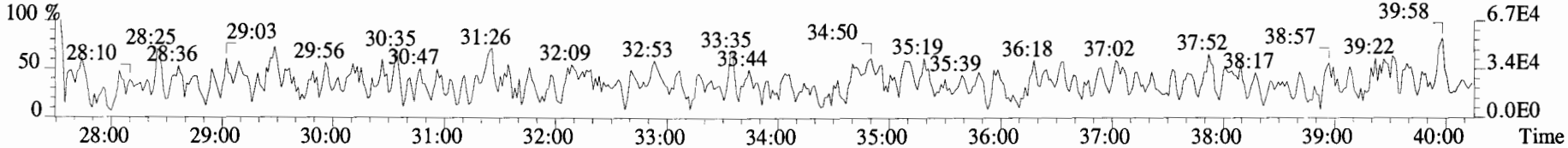
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



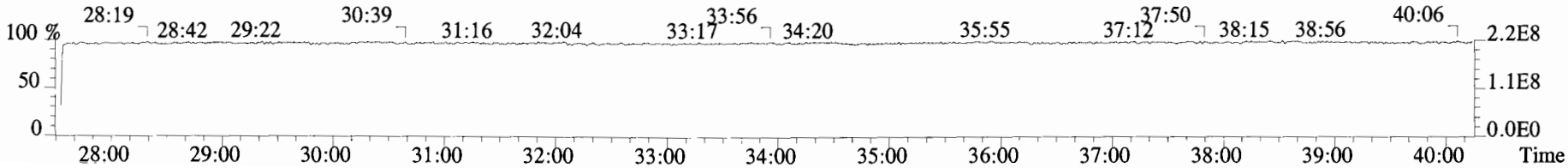
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70280.0,0.00%,F,F)



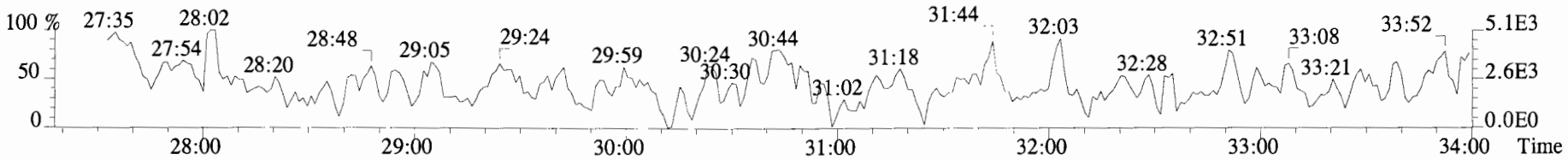
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31452.0,0.00%,F,F)



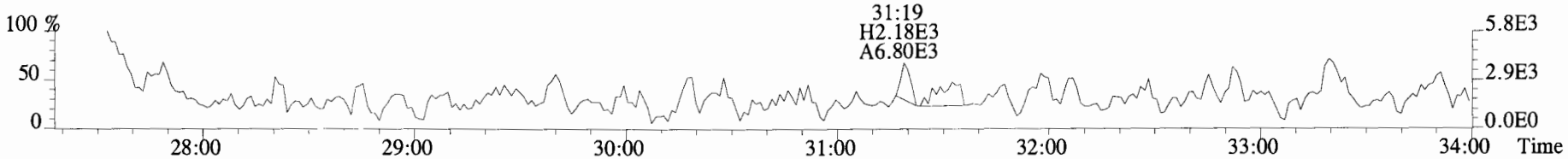
330.9792 S:12 F:3



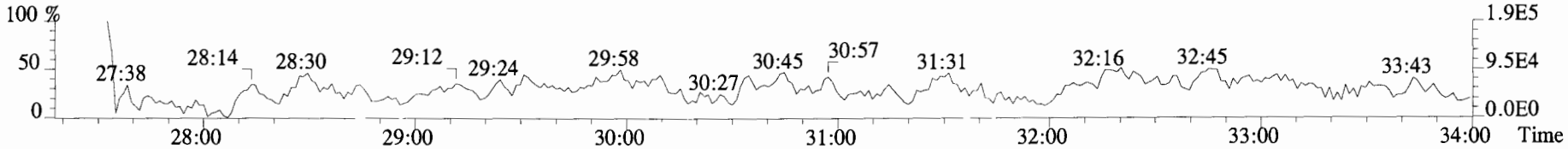
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



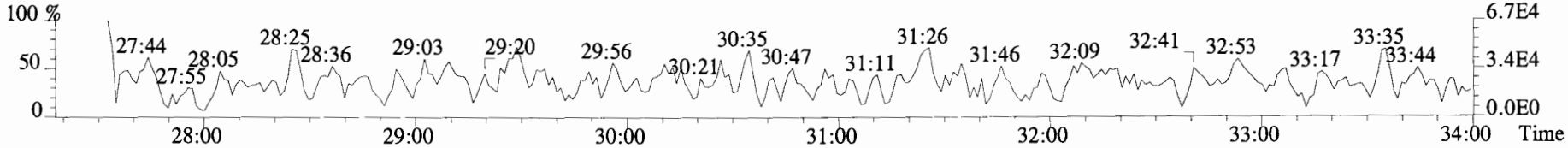
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



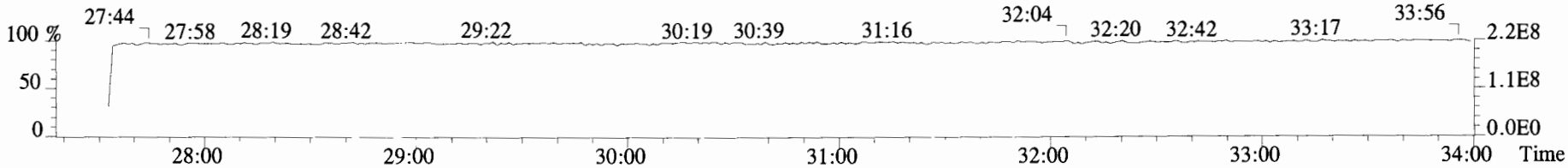
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70280.0,0.00%,F,F)



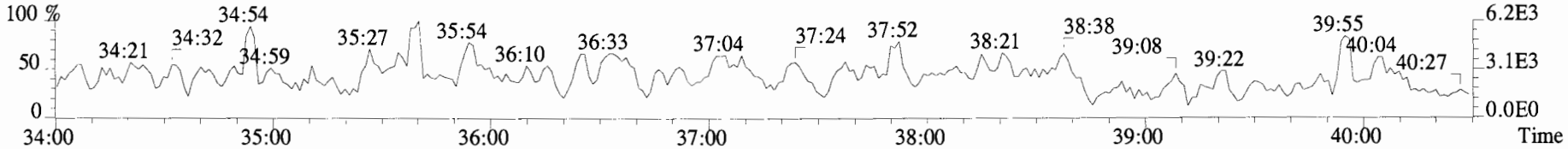
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31452.0,0.00%,F,F)



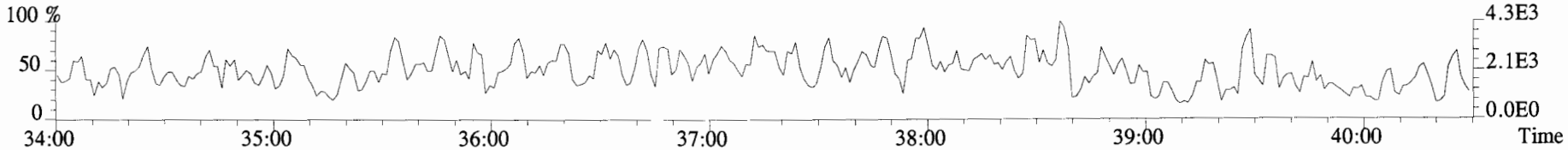
330.9792 S:12 F:3



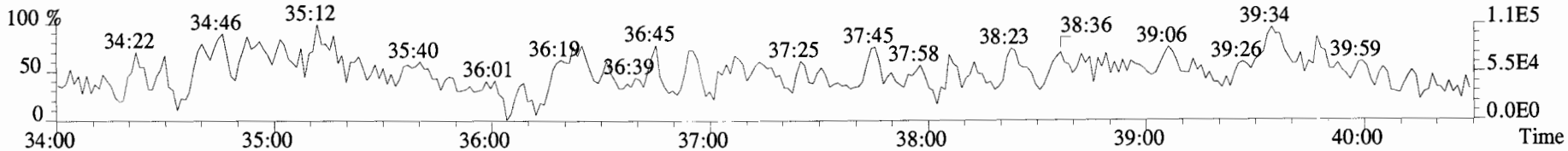
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



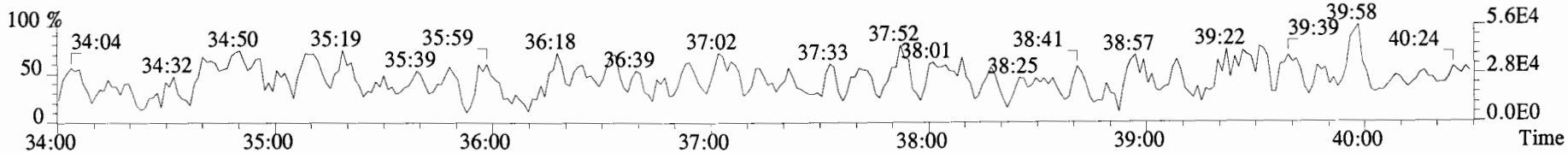
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



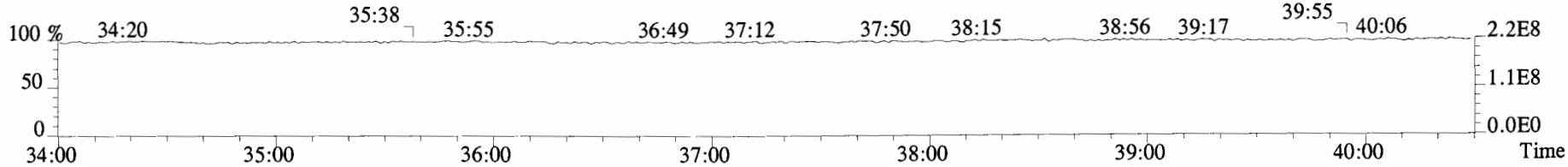
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70280.0,0.00%,F,F)



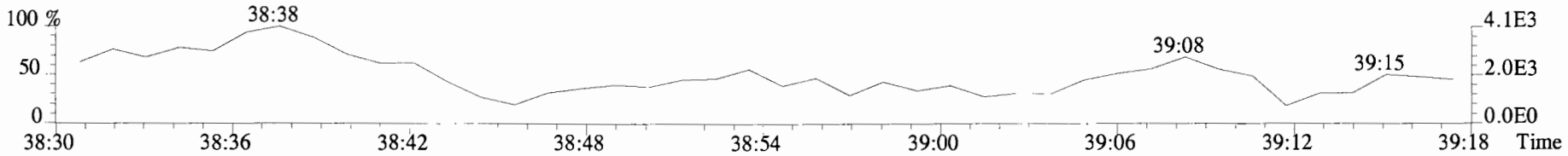
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31452.0,0.00%,F,F)



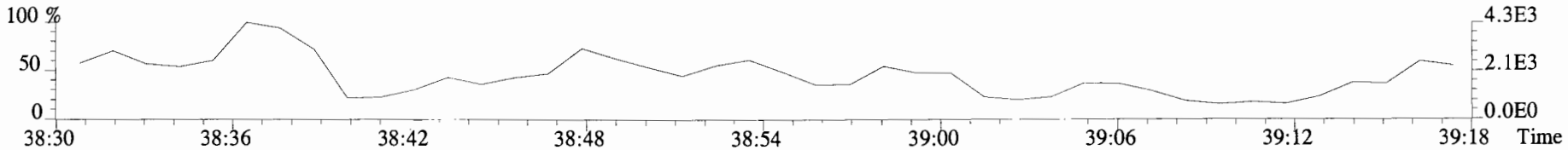
330.9792 S:12 F:3



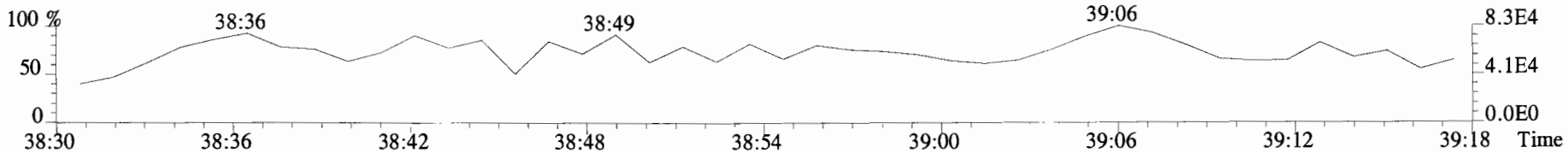
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
289.9224 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3032.0,0.00%,F,F)



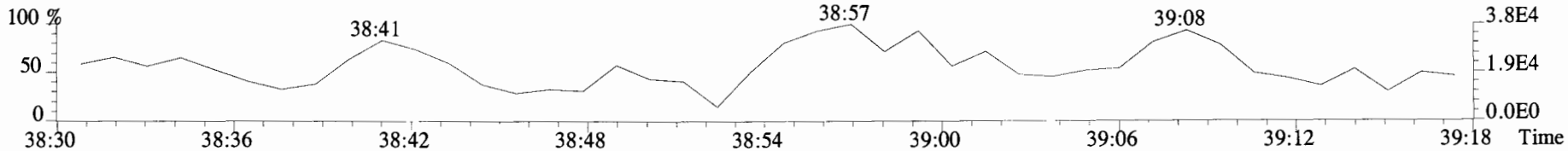
291.9194 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2424.0,0.00%,F,F)



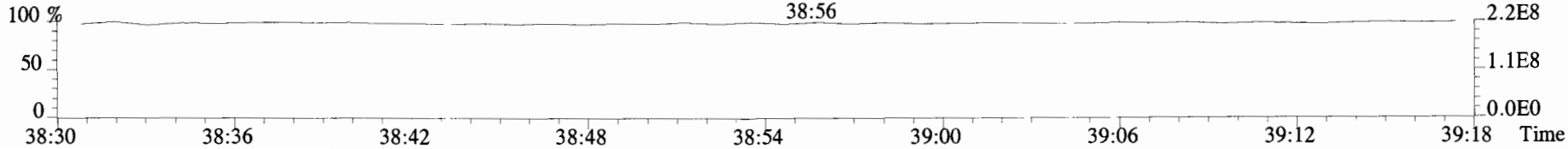
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70280.0,0.00%,F,F)



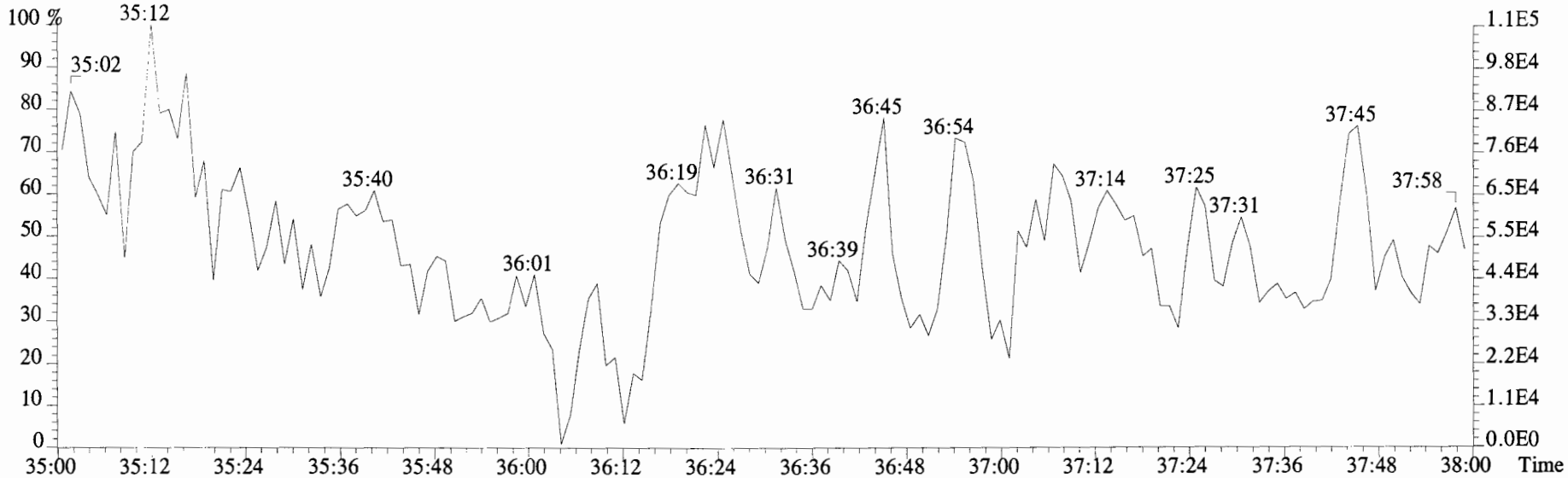
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31452.0,0.00%,F,F)



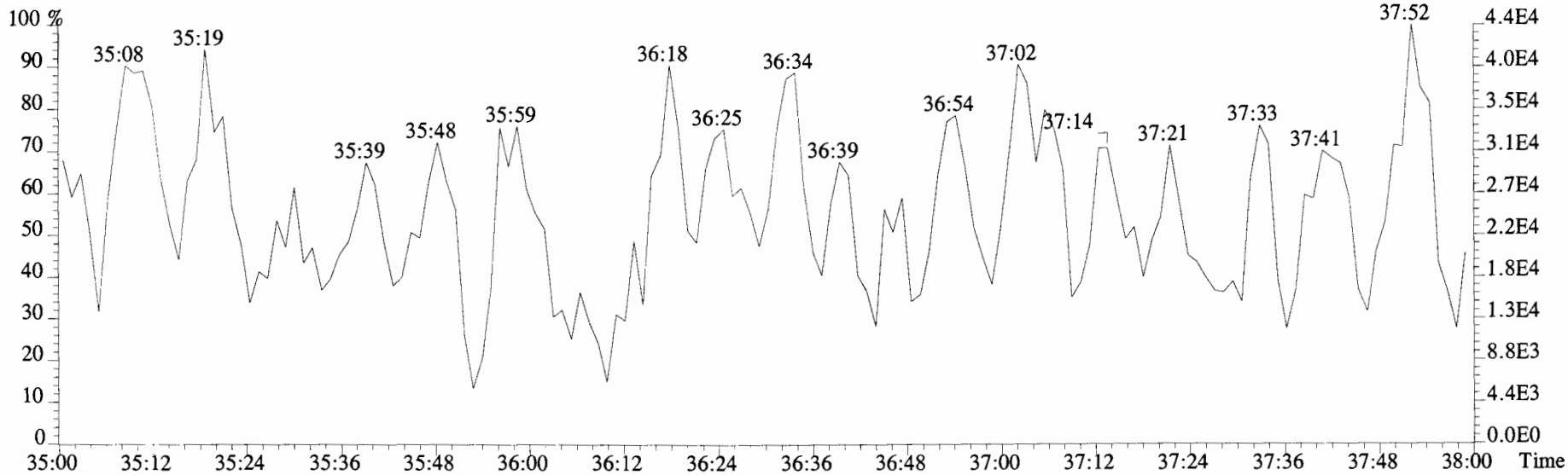
330.9792 S:12 F:3



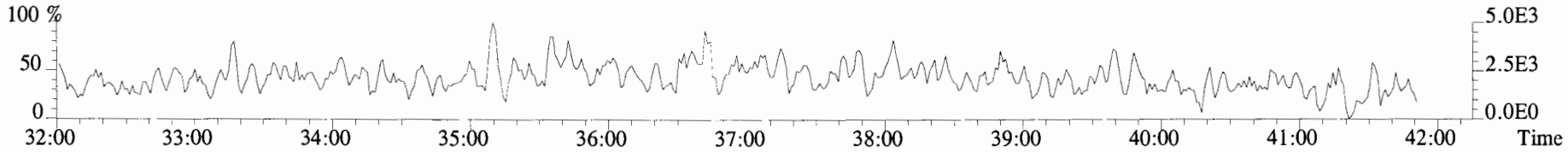
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
301.9626 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,70280.0,0.00%,F,F)



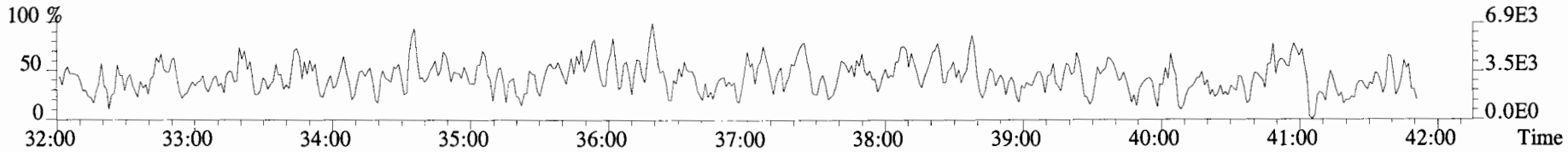
303.9597 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31452.0,0.00%,F,F)



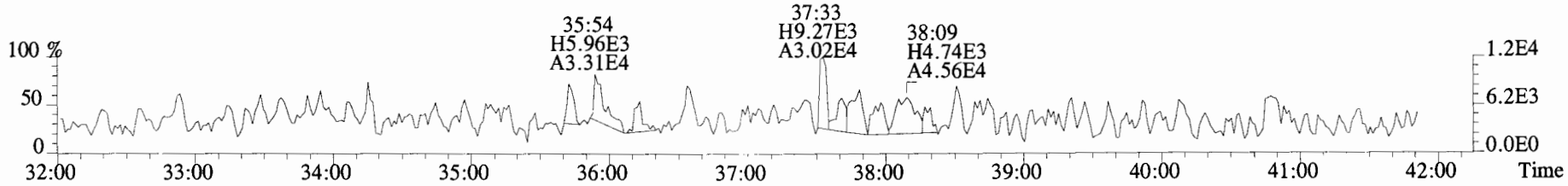
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



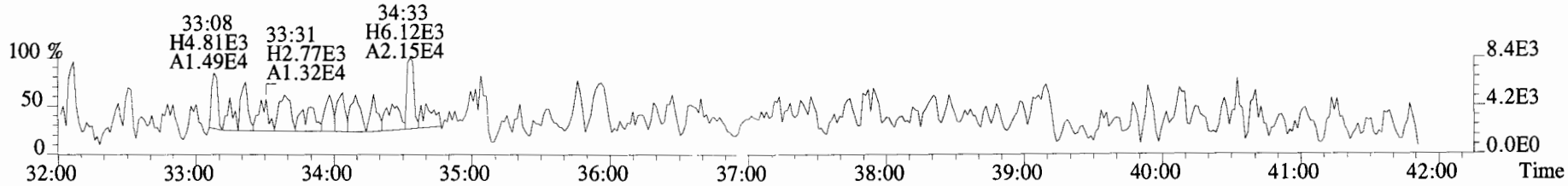
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3792.0,0.00%,F,F)



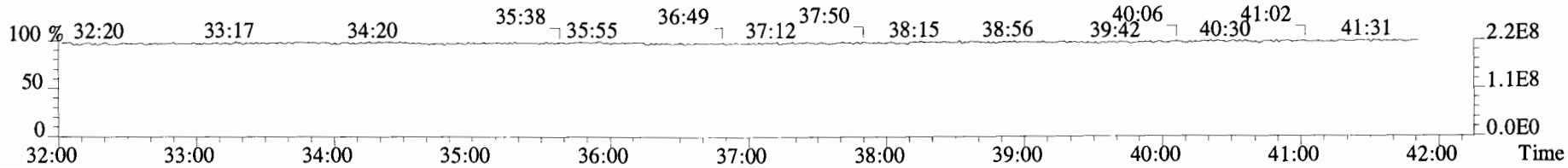
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5868.0,0.00%,F,F)



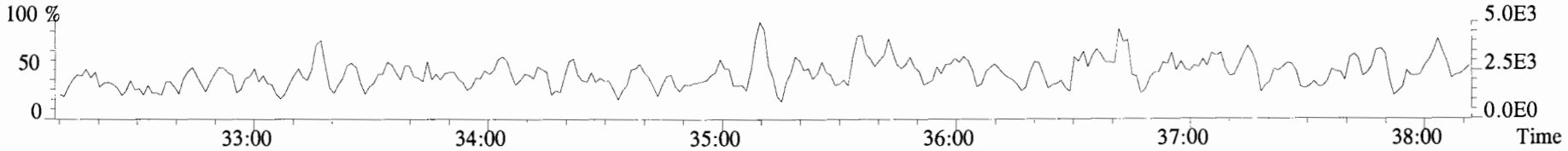
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4128.0,0.00%,F,F)



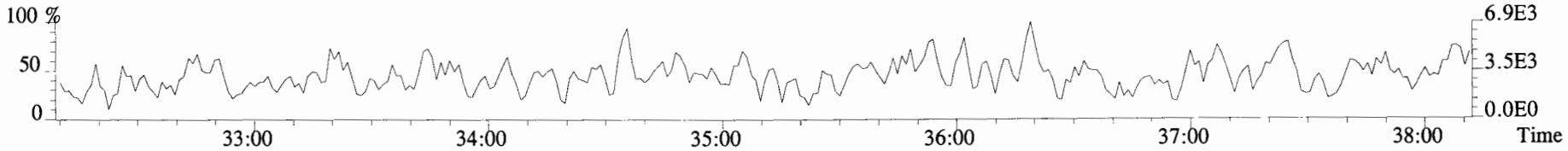
330.9792 S:12 F:3



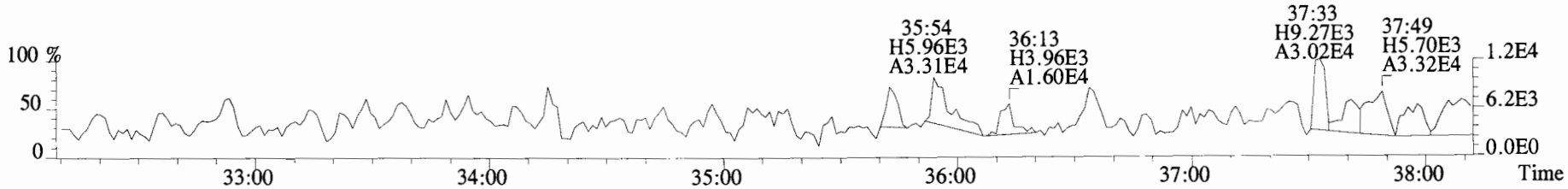
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



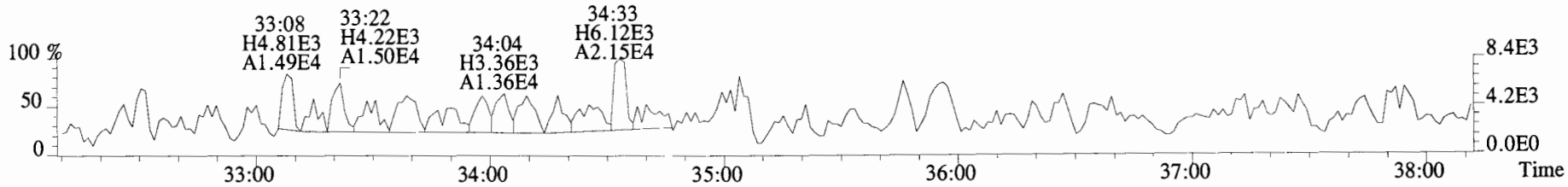
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3792.0,0.00%,F,F)



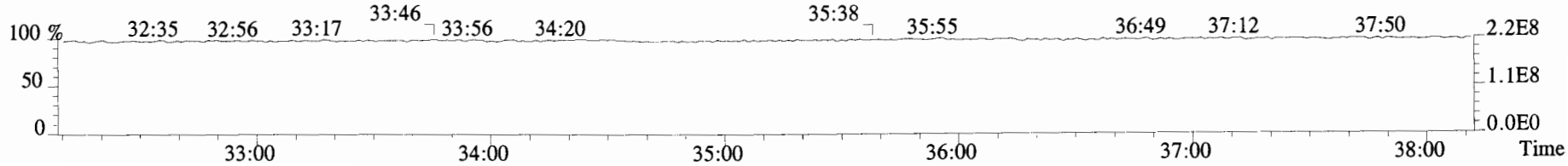
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5868.0,0.00%,F,F)



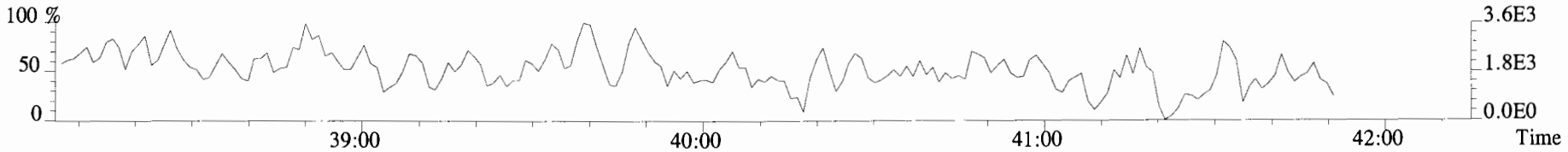
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4128.0,0.00%,F,F)



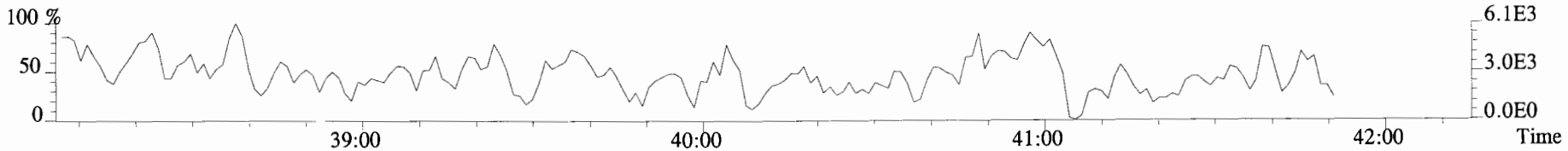
330.9792 S:12 F:3



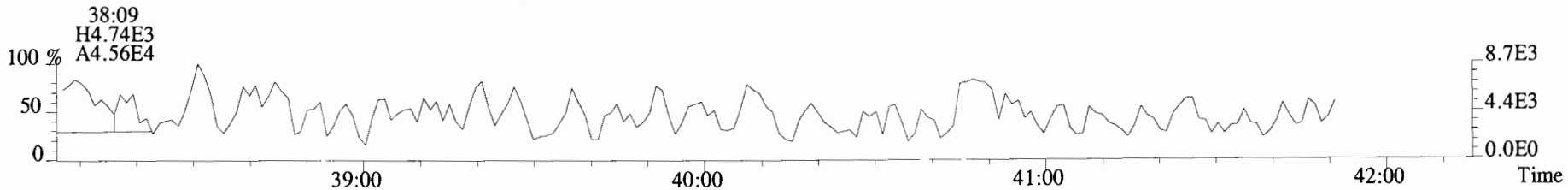
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



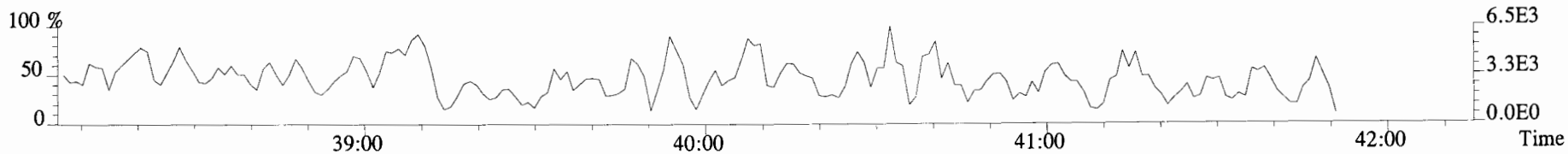
327.8775 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3792.0,0.00%,F,F)



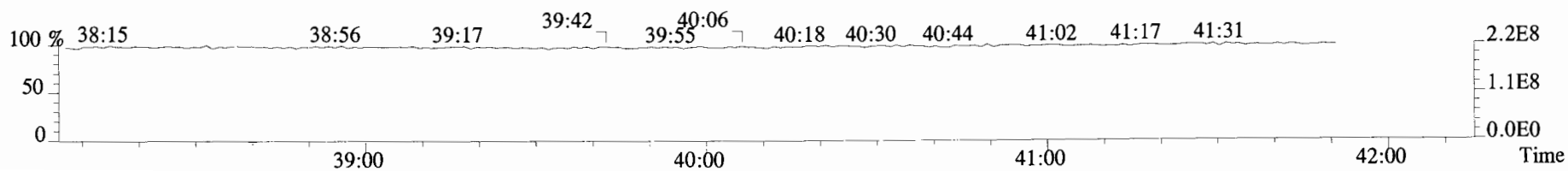
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5868.0,0.00%,F,F)



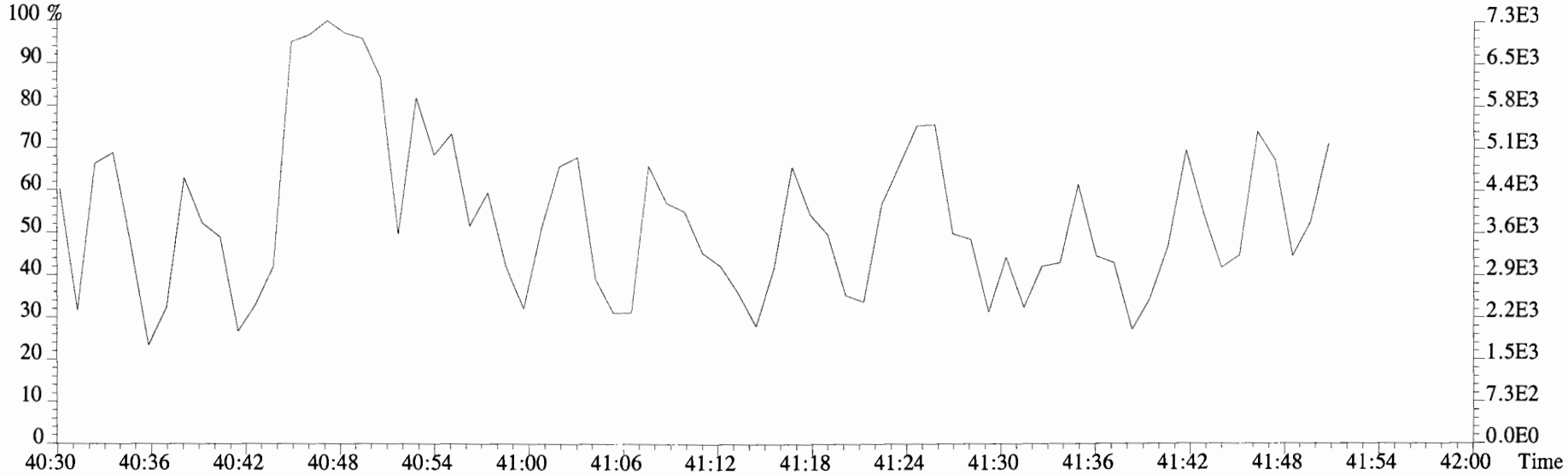
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4128.0,0.00%,F,F)



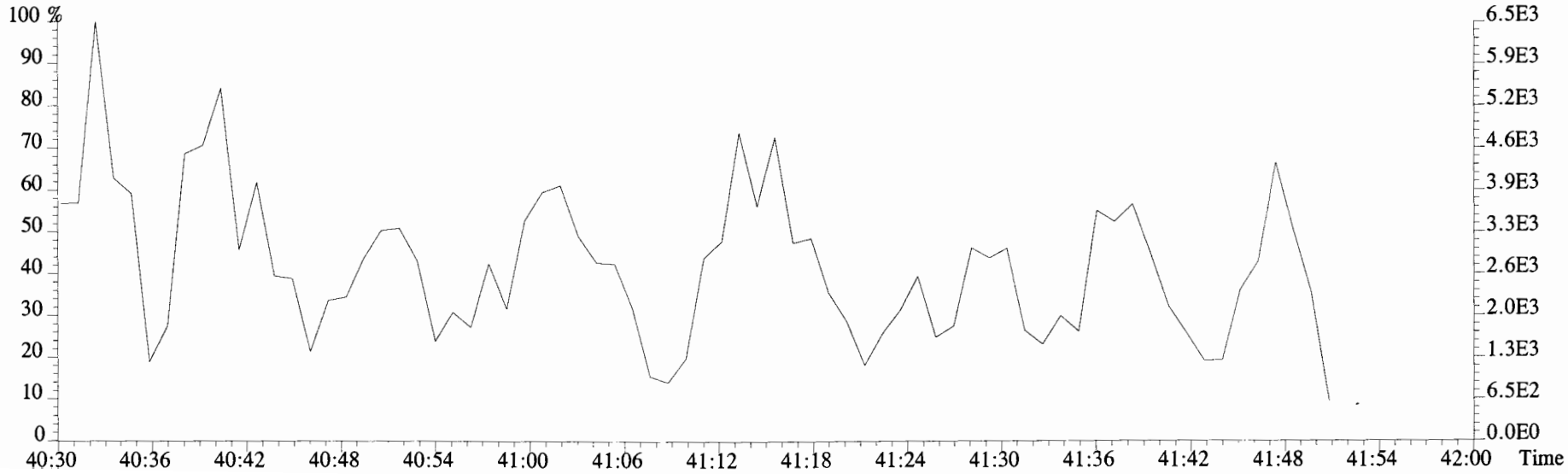
330.9792 S:12 F:3



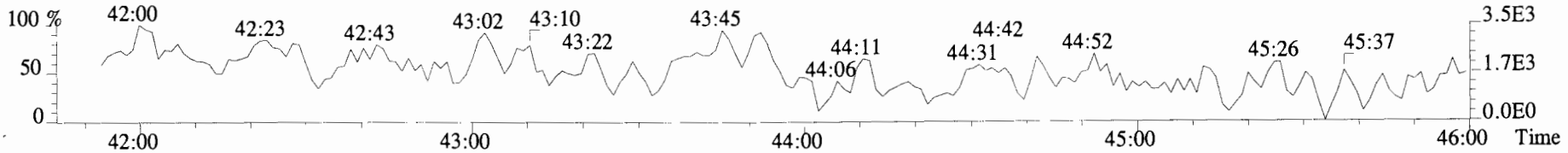
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
337.9207 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5868.0,0.00%,F,F)



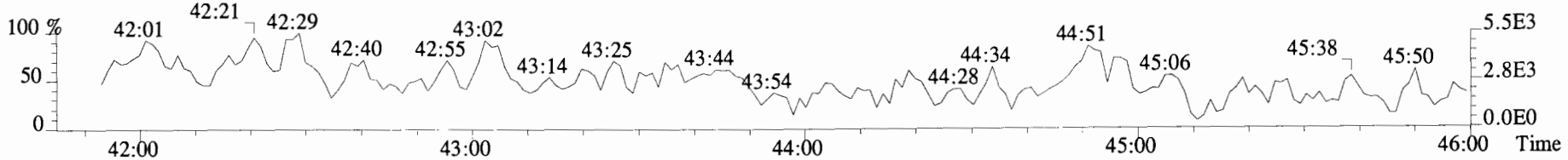
339.9177 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4128.0,0.00%,F,F)



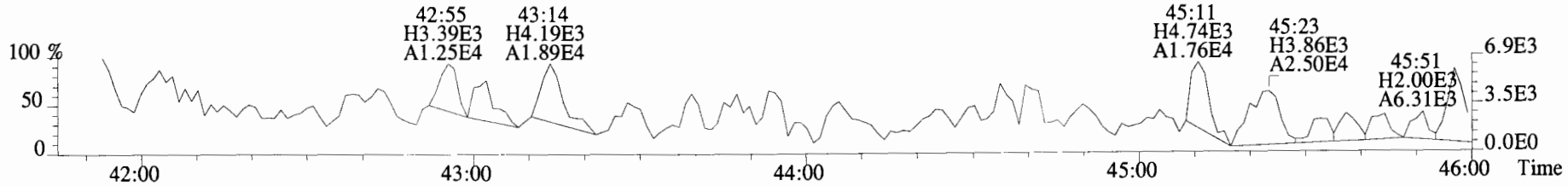
File:180118E2 #1-565 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
325.8804 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2244.0,0.00%,F,F)



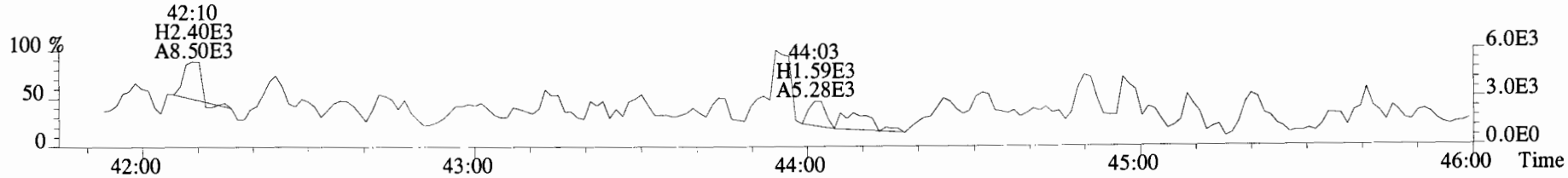
327.8775 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3380.0,0.00%,F,F)



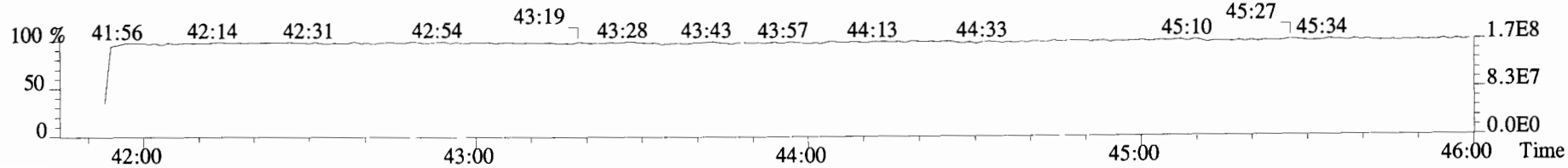
337.9207 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3312.0,0.00%,F,F)



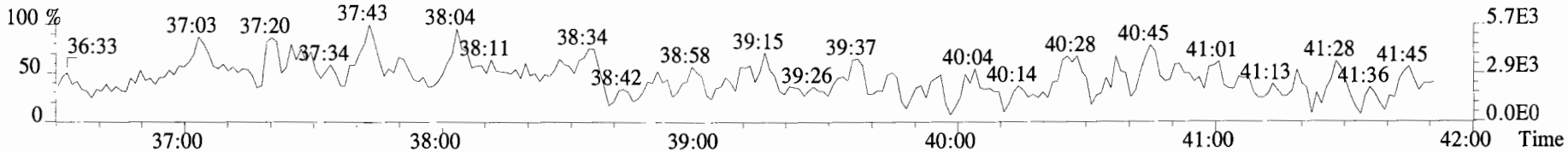
339.9177 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2816.0,0.00%,F,F)



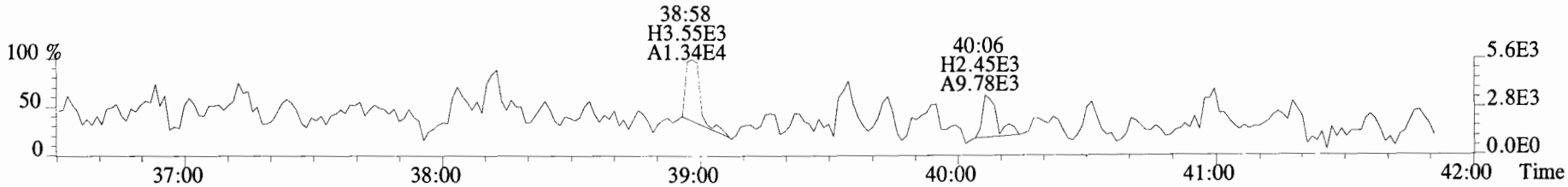
380.9760 S:12 F:4



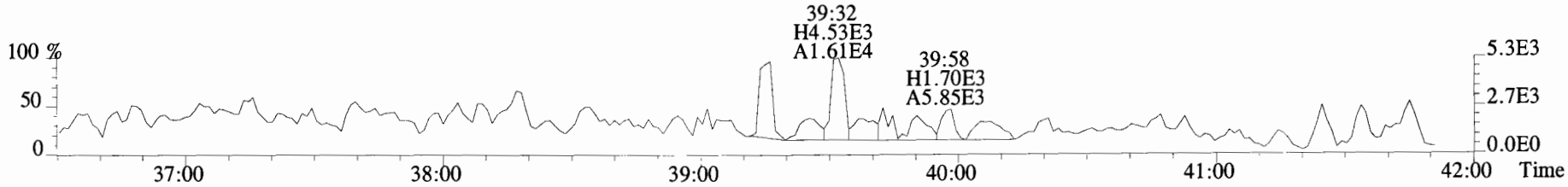
File:180118E2 #1-756 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3168.0,0.00%,F,F)



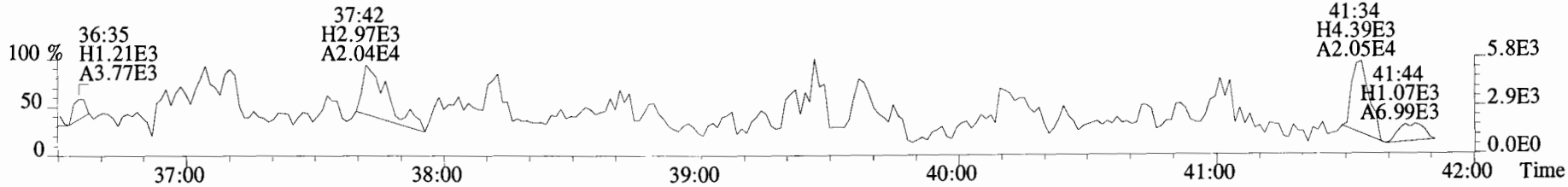
361.8385 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2756.0,0.00%,F,F)



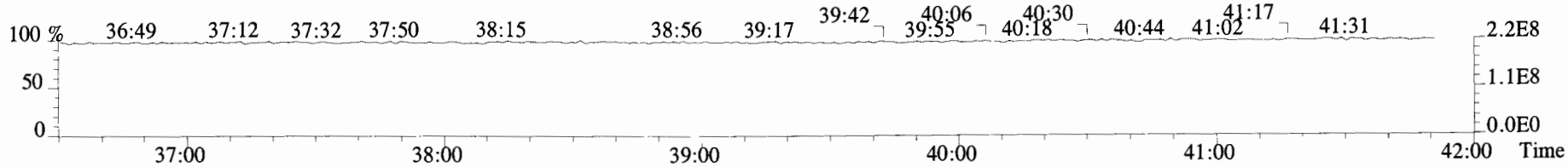
371.8817 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



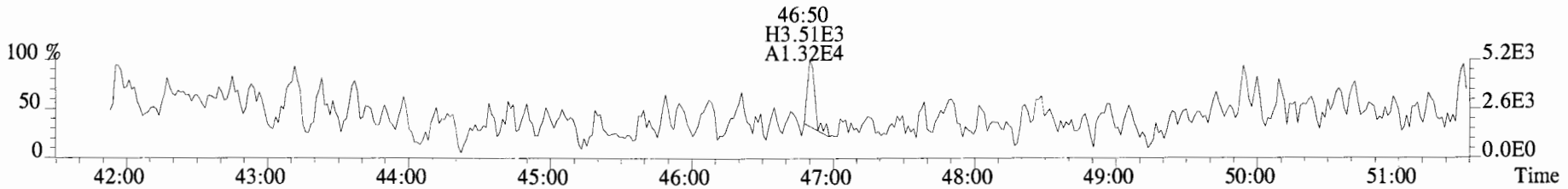
373.8788 S:12 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2920.0,0.00%,F,F)



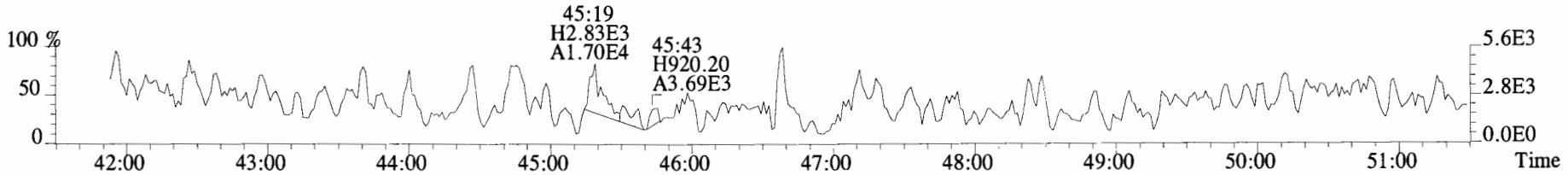
330.9792 S:12 F:3



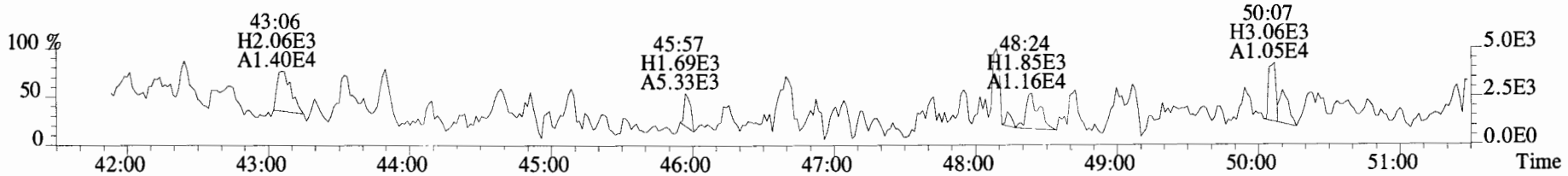
File:180118E2 #1-565 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
359.8415 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2972.0,0.00%,F,F)



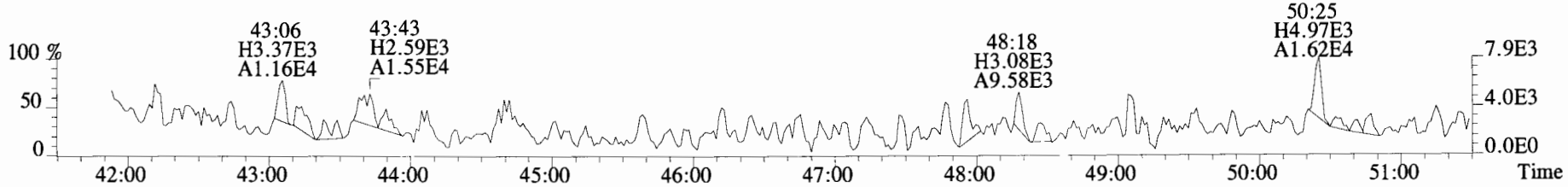
361.8385 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3124.0,0.00%,F,F)



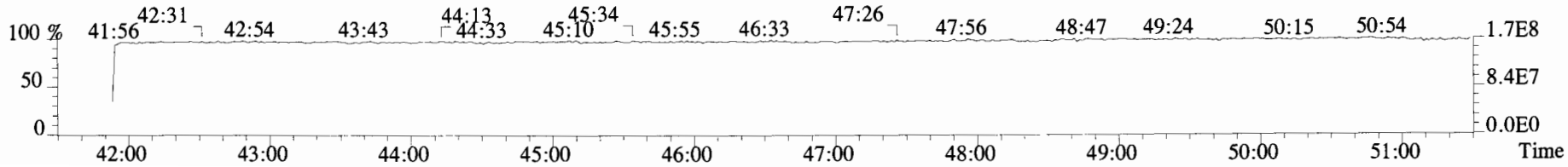
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



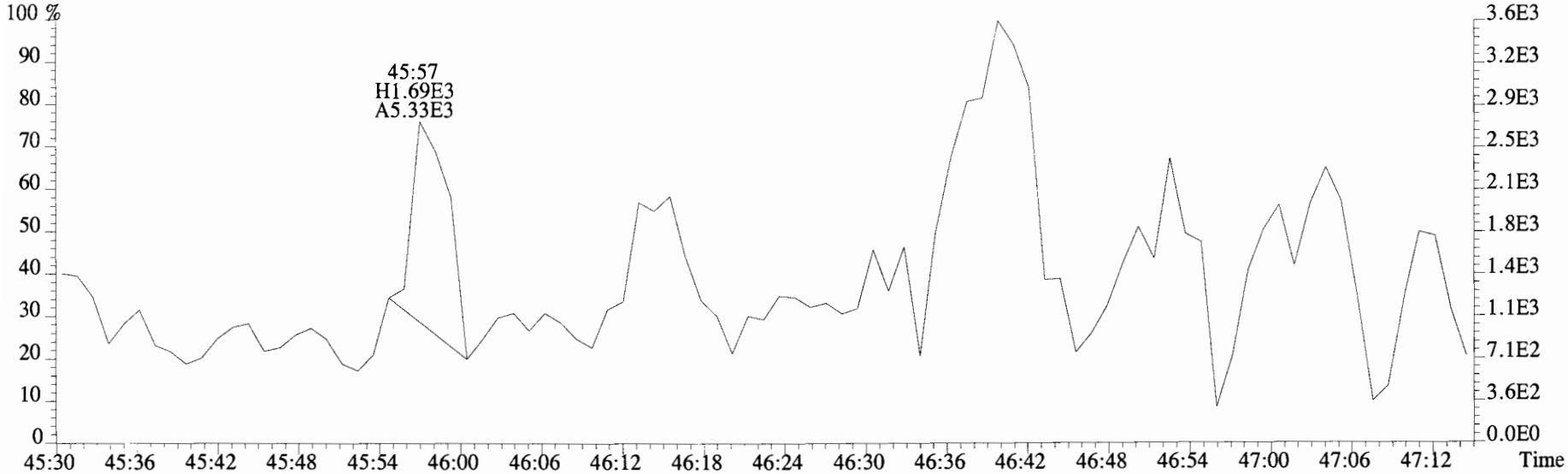
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



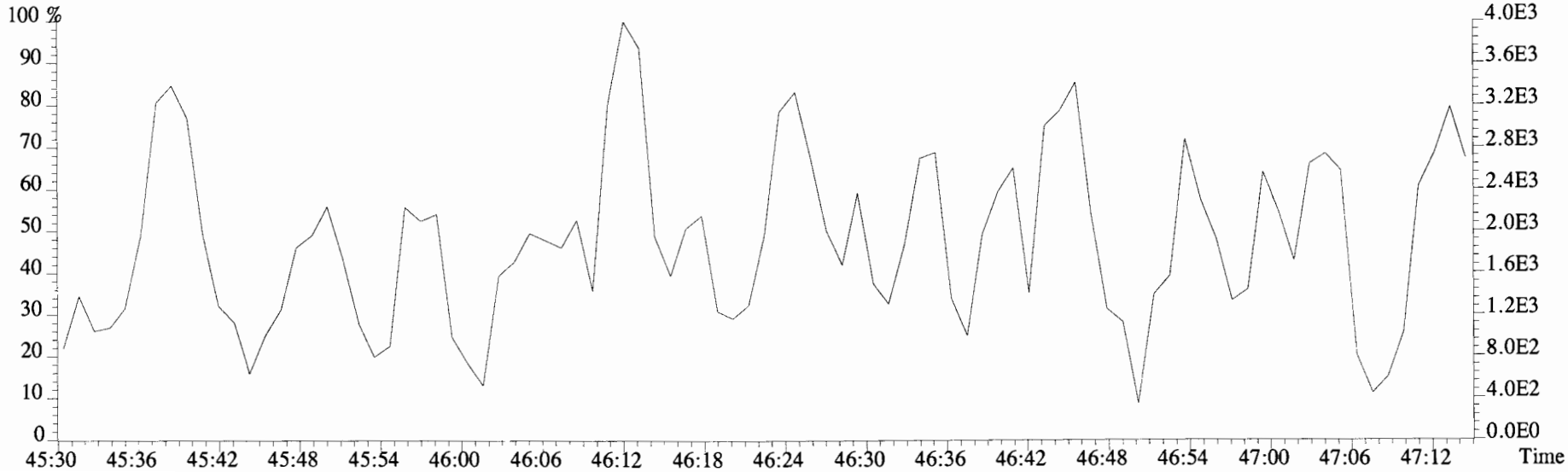
380.9760 S:12 F:4



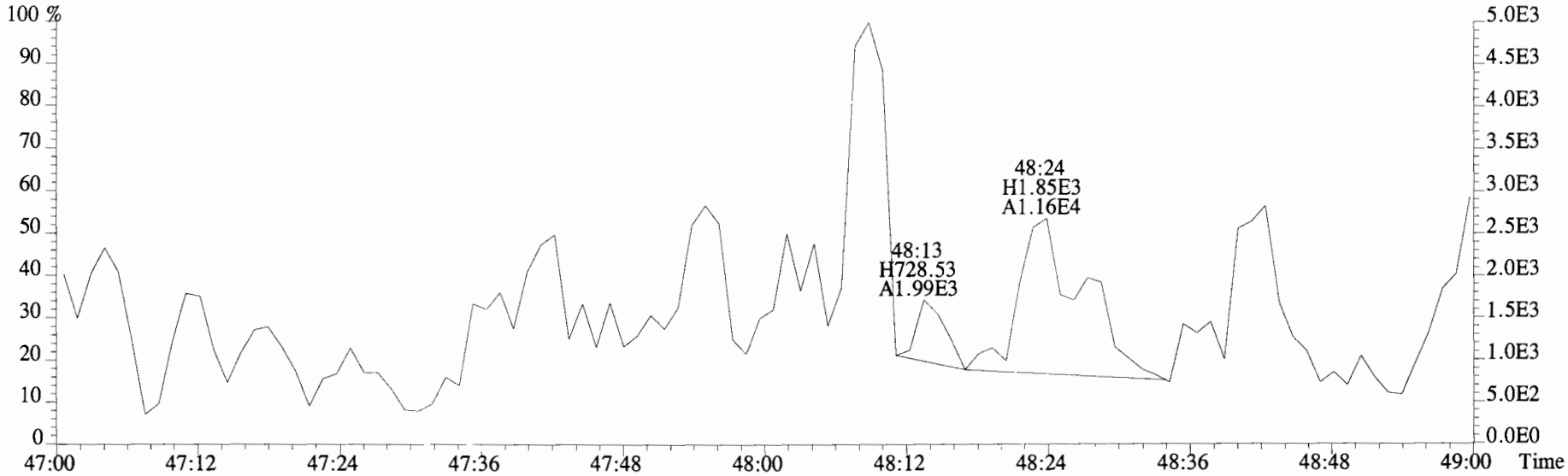
File:180118E2 #1-565 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



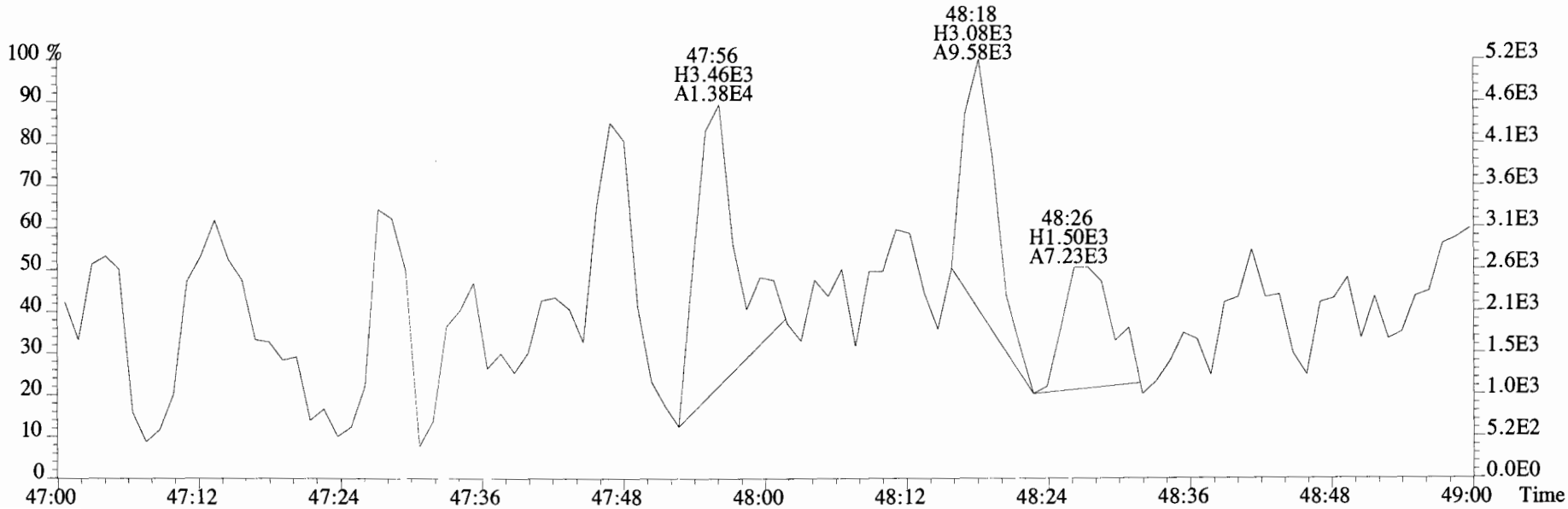
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



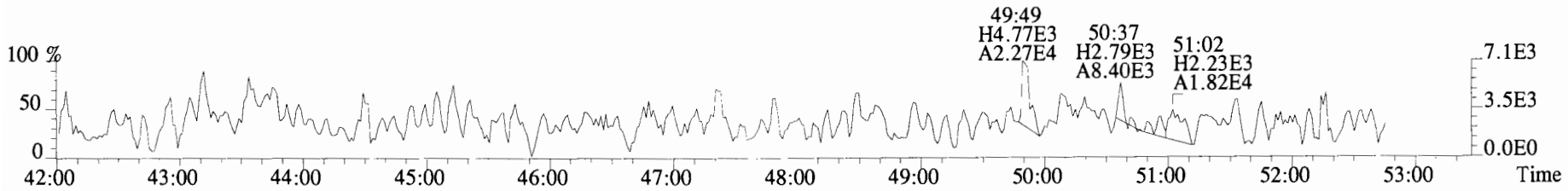
File:180118E2 #1-565 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
371.8817 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1960.0,0.00%,F,F)



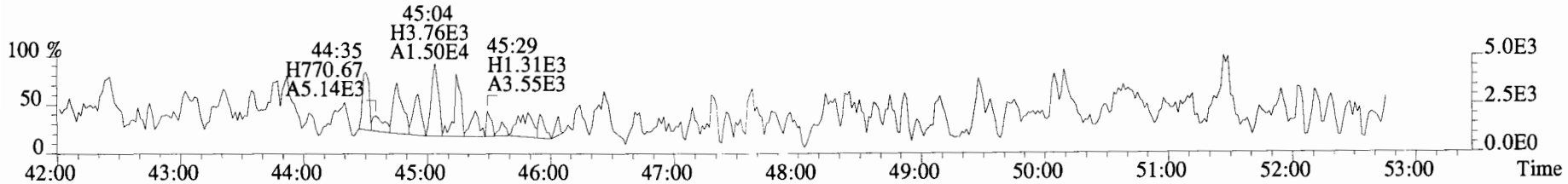
373.8788 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2744.0,0.00%,F,F)



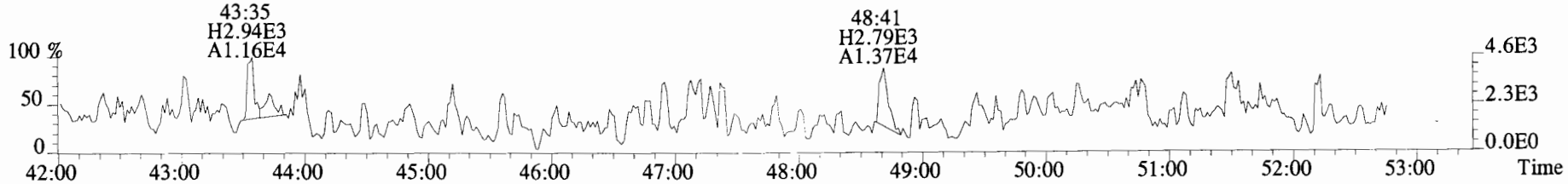
File:180118E2 #1-565 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
393.8025 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3288.0,0.00%,F,F)



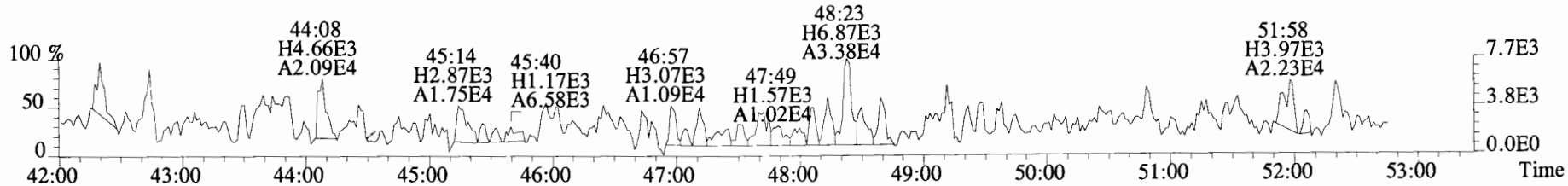
395.7995 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2540.0,0.00%,F,F)



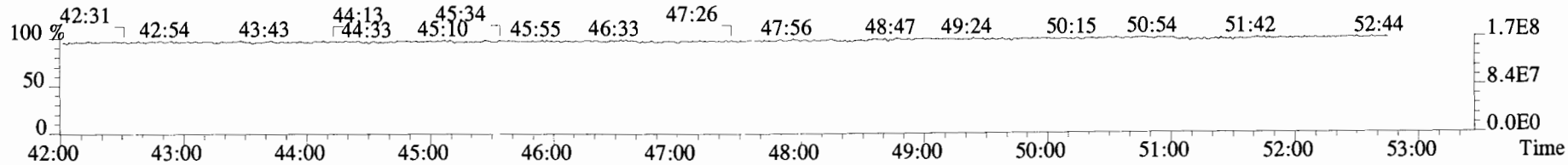
403.8457 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



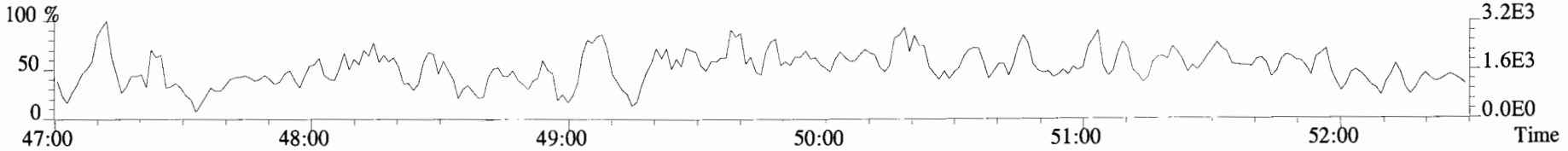
405.8428 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3044.0,0.00%,F,F)



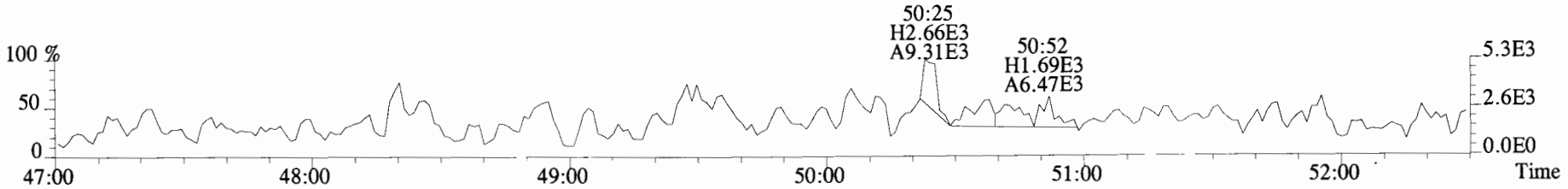
380.9760 S:12 F:4



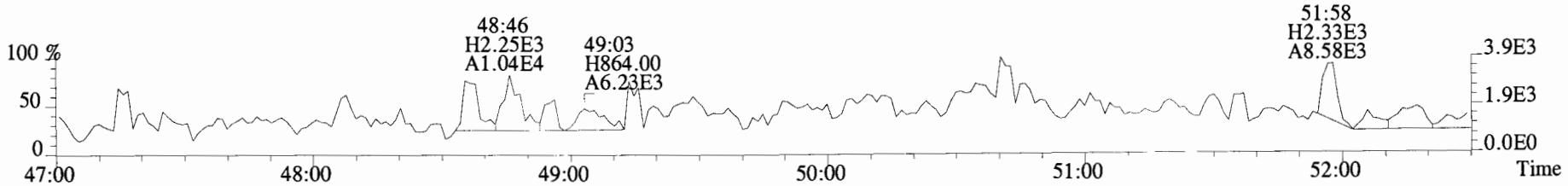
File:180118E2 #1-565 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)



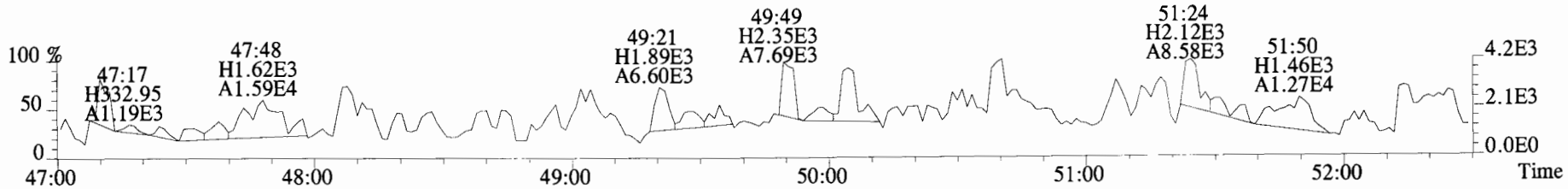
429.7606 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2440.0,0.00%,F,F)



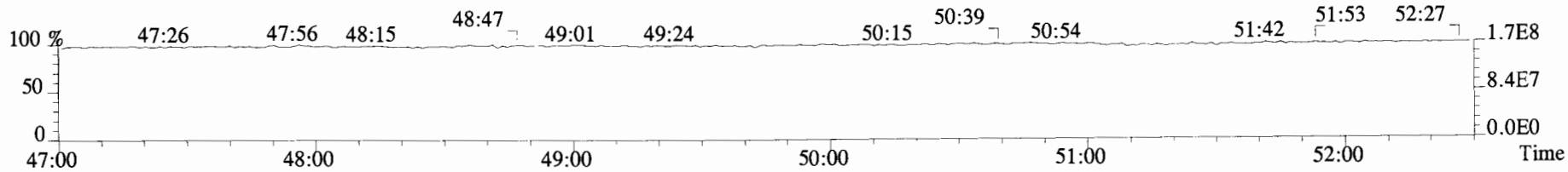
439.8038 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2064.0,0.00%,F,F)



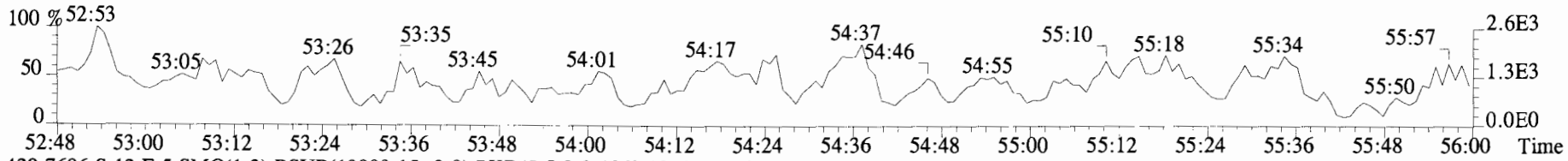
441.8008 S:12 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2264.0,0.00%,F,F)



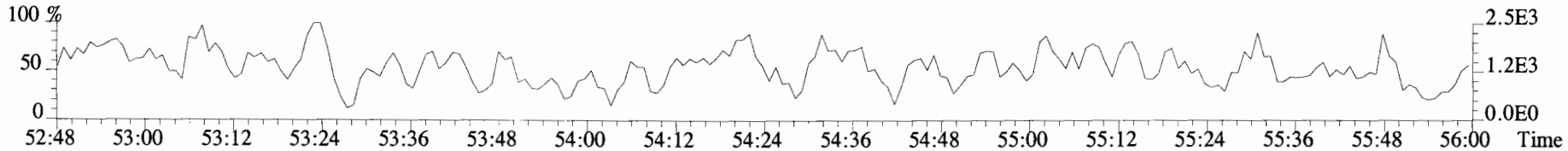
380.9760 S:12 F:4



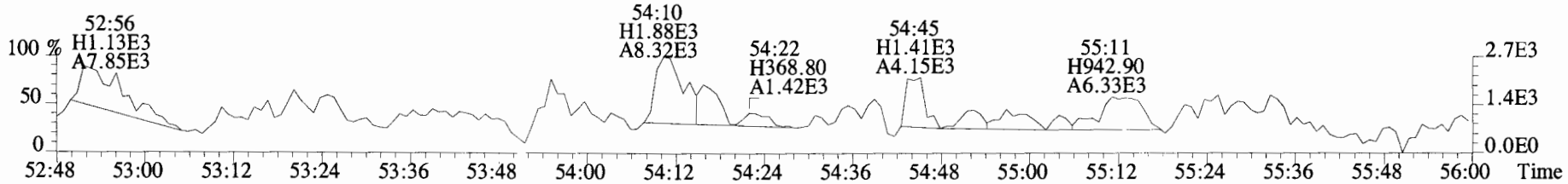
File:180118E2 #1-418 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
427.7635 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1584.0,0.00%,F,F)



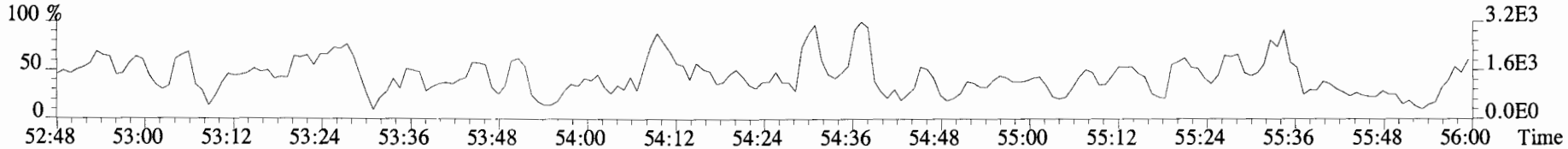
429.7606 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1824.0,0.00%,F,F)



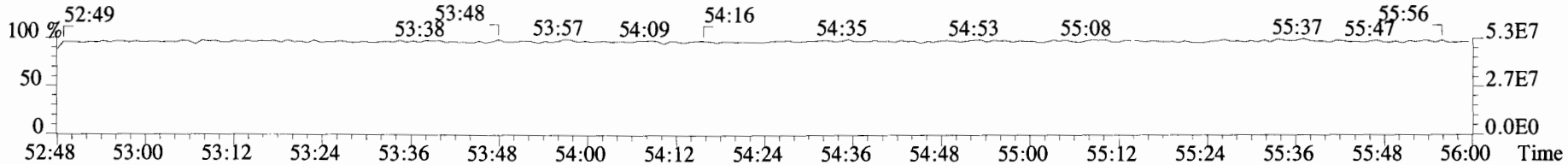
439.8038 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1412.0,0.00%,F,F)



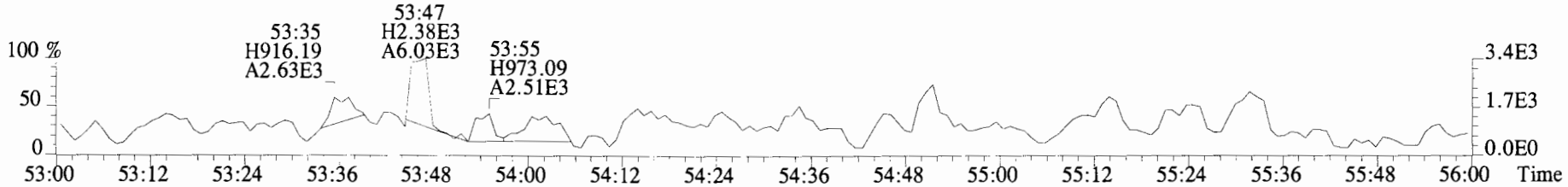
441.8008 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1700.0,0.00%,F,F)



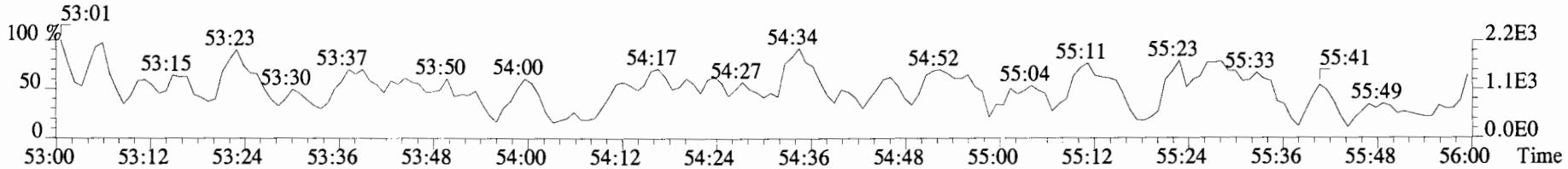
492.9697 S:12 F:5



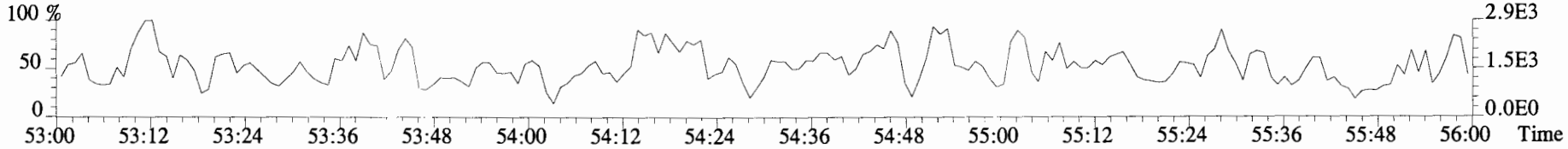
File:180118E2 #1-418 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
463.7216 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1288.0,0.00%,F,F)



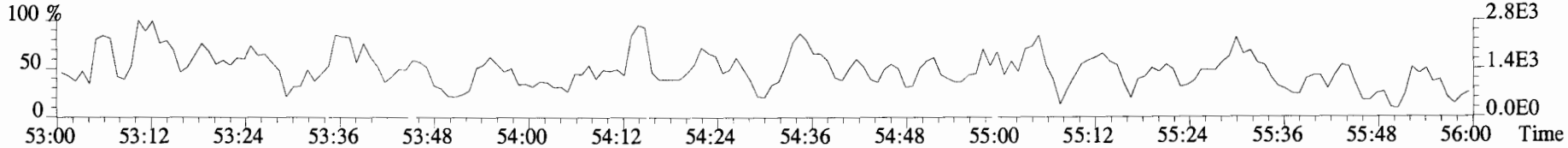
465.7186 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



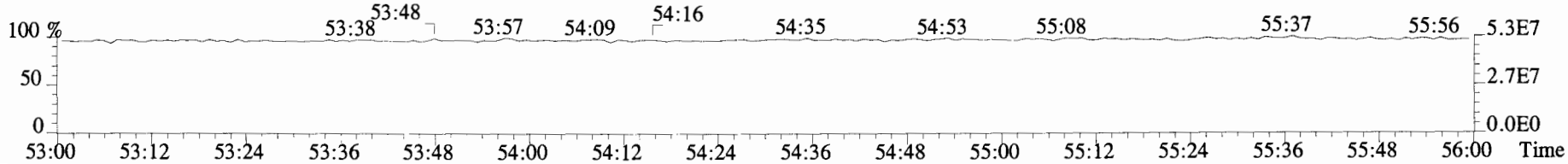
473.7648 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2124.0,0.00%,F,F)



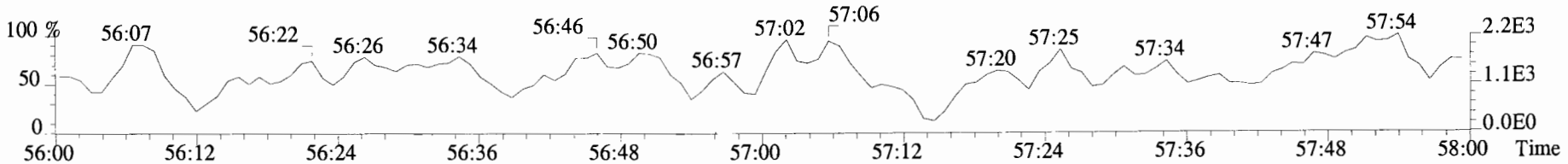
475.7619 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1908.0,0.00%,F,F)



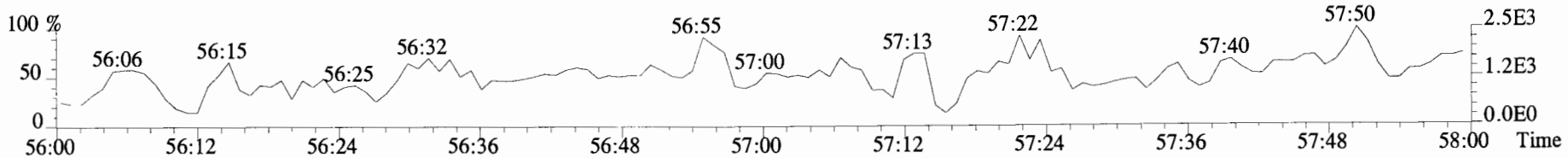
492.9697 S:12 F:5



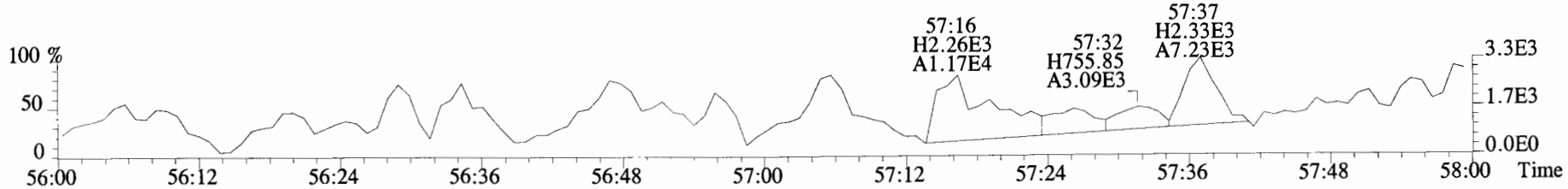
File:180118E2 #1-418 Acq:19-JAN-2018 04:30:35 GC EI+ Voltage SIR Autospec-UltimaE
Sample#12 File Text:Vista Analytical Laboratory VG-8 Text:SOLVENT BLANK Exp:PCB_ZB1
497.6826 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



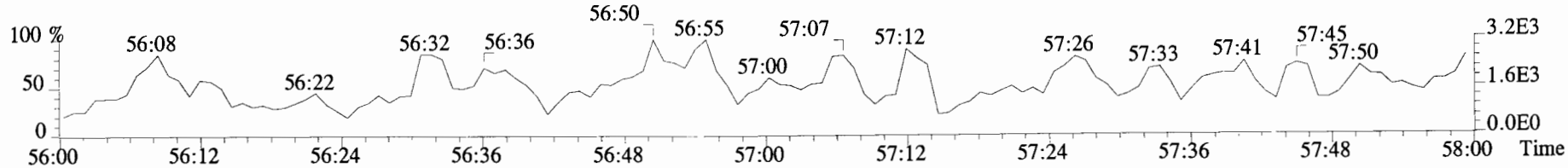
499.6797 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1528.0,0.00%,F,F)



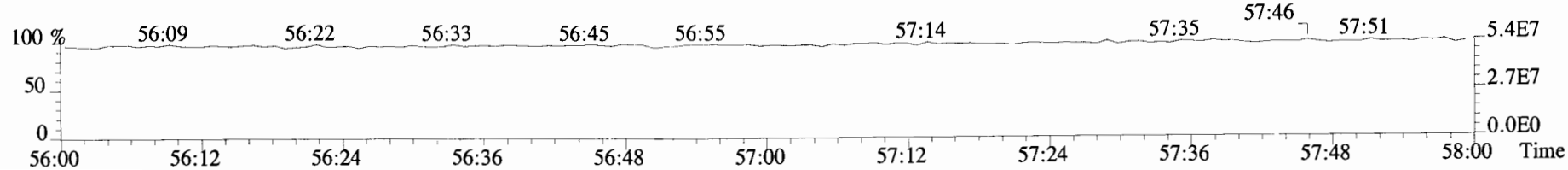
509.7229 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1640.0,0.00%,F,F)



511.7199 S:12 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1860.0,0.00%,F,F)



492.9697 S:12 F:5



INITIAL CALIBRATION

Initial Calibration RRF Summary (ICAL) Vista Analytical Laboratory

Run: 171027E1 Analyte: PCB Cal: PCBVG8-10-27-17 Inst. ID. VG-8

Data filename: 171027E1

			Samp# 1	Samp# 2	Samp# 3	Samp# 4	Samp# 5	Samp# 6
			0.25	1.0	2.5	50	400	1000
Name	Mean RRF	%RSD	RRF#1	RRF#2	RRF#3	RRF#4	RRF#5	RRF#6
PCB-1	1.136	7.89 %	1.25	1.21	1.18	1.09	1.04	1.05
PCB-2	1.088	7.15 %	1.22	1.11	1.11	1.02	1.03	1.04
PCB-3	1.105	6.98 %	1.21	1.16	1.15	1.07	1.02	1.03
PCB-4/10	1.414	6.89 %	1.53	1.50	1.46	1.39	1.31	1.30
PCB-7/9	1.128	6.41 %	1.23	1.15	1.18	1.10	1.06	1.05
PCB-6	1.092	6.14 %	1.21	1.10	1.09	1.08	1.03	1.03
PCB-5/8	1.139	5.99 %	1.24	1.19	1.16	1.11	1.07	1.07
PCB-14	1.386	8.69 %	1.57	1.43	1.45	1.34	1.26	1.26
PCB-11	1.175	9.53 %	1.37	1.19	1.21	1.12	1.08	1.08
PCB-12/13	1.151	5.07 %	1.24	1.19	1.17	1.12	1.09	1.09
PCB-15	1.265	4.61 %	1.26	1.35	1.32	1.25	1.20	1.21
PCB-19	1.245	6.53 %	1.35	1.30	1.30	1.21	1.15	1.16
PCB-30	1.942	4.15 %	2.00	2.02	2.02	1.91	1.83	1.88
PCB-18	0.948	7.99 %	1.04	1.01	0.99	0.92	0.86	0.87
PCB-17	1.029	7.08 %	1.10	1.10	1.08	1.01	0.94	0.95
PCB-24/27	1.349	5.98 %	1.44	1.42	1.39	1.32	1.26	1.26
PCB-16/32	1.106	6.89 %	1.20	1.17	1.15	1.08	1.02	1.02
PCB-34	1.188	6.99 %	1.18	1.27	1.31	1.16	1.12	1.10
PCB-23	1.236	7.84 %	1.38	1.30	1.27	1.18	1.15	1.13
PCB-29	1.261	7.51 %	1.38	1.29	1.35	1.22	1.18	1.14
PCB-26	1.231	6.23 %	1.34	1.26	1.28	1.20	1.16	1.14
PCB-25	1.151	6.83 %	1.25	1.21	1.20	1.10	1.09	1.06
PCB-31	1.319	7.86 %	1.43	1.32	1.46	1.25	1.25	1.21
PCB-28	1.250	11.42 %	1.50	1.29	1.29	1.17	1.13	1.12
PCB-20/21/33	1.201	4.86 %	1.26	1.20	1.28	1.15	1.16	1.15
PCB-22	1.198	8.09 %	1.33	1.25	1.26	1.11	1.13	1.10
PCB-36	1.239	6.64 %	1.33	1.33	1.27	1.22	1.16	1.14
PCB-39	1.321	8.41 %	1.42	1.44	1.38	1.28	1.21	1.19
PCB-38	1.176	7.06 %	1.28	1.26	1.20	1.14	1.10	1.08
PCB-35	1.197	6.52 %	1.33	1.24	1.20	1.16	1.12	1.13
PCB-37	1.330	6.78 %	1.45	1.39	1.39	1.28	1.24	1.23
PCB-54	1.119	8.87 %	1.26	1.15	1.20	1.08	1.01	1.02
PCB-50	0.899	7.96 %	1.03	0.90	0.93	0.86	0.83	0.85
PCB-53	1.143	7.31 %	1.16	1.28	1.18	1.13	1.07	1.05
PCB-51	1.184	8.69 %	1.33	1.22	1.25	1.14	1.08	1.07
PCB-45	1.029	9.92 %	1.22	1.00	1.05	1.00	0.95	0.95
PCB-46	0.980	8.52 %	1.08	1.06	1.02	0.94	0.89	0.90
PCB-52/69	1.325	4.34 %	1.38	1.40	1.33	1.31	1.26	1.27
PCB-73	1.388	7.36 %	1.51	1.45	1.48	1.34	1.28	1.28
PCB-43/49	1.141	4.17 %	1.20	1.18	1.17	1.11	1.08	1.11
PCB-47	1.042	5.94 %	1.04	1.07	1.15	1.02	0.98	0.99

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11/1/17

PCB-48/75	1.313	8.12 %	1.44	1.44	1.31	1.25	1.21	1.22
PCB-65	1.234	9.74 %	1.34	1.41	1.22	1.12	1.19	1.12
PCB-62	1.267	8.33 %	1.40	1.30	1.34	1.27	1.10	1.19
PCB-44	0.909	10.92 %	1.02	1.02	0.95	0.85	0.81	0.82
PCB-42/59	1.197	6.57 %	1.28	1.24	1.28	1.14	1.11	1.13
PCB-41/64/71/72	1.273	4.06 %	1.32	1.33	1.31	1.24	1.22	1.22
PCB-68	1.477	6.80 %	1.64	1.52	1.52	1.41	1.38	1.39
PCB-40	0.820	8.60 %	0.91	0.88	0.85	0.78	0.74	0.76
PCB-57	1.146	7.47 %	1.20	1.26	1.20	1.10	1.04	1.08
PCB-67	1.144	8.18 %	1.22	1.16	1.28	1.08	1.04	1.07
PCB-58	1.221	11.42 %	1.46	1.27	1.26	1.13	1.09	1.12

PCB-63	1.222	7.49 %	1.29	1.35	1.27	1.15	1.13	1.15
PCB-74	1.225	5.78 %	1.31	1.30	1.25	1.18	1.15	1.16
PCB-61/70	1.165	11.02 %	1.38	1.21	1.21	1.09	1.05	1.06
PCB-76/66	1.199	7.31 %	1.33	1.26	1.23	1.13	1.11	1.14
PCB-80	1.383	8.44 %	1.57	1.44	1.42	1.33	1.28	1.26
PCB-55	1.261	8.29 %	1.43	1.33	1.29	1.19	1.18	1.16
PCB-56/60	1.161	6.68 %	1.27	1.21	1.21	1.11	1.09	1.08
PCB-79	1.241	7.79 %	1.40	1.30	1.25	1.18	1.16	1.16
PCB-78	1.129	6.42 %	1.17	1.20	1.21	1.08	1.05	1.06
PCB-81	1.265	9.07 %	1.44	1.33	1.32	1.19	1.16	1.16
PCB-77	1.324	11.53 %	1.56	1.46	1.29	1.23	1.20	1.20
PCB-104	1.367	5.36 %	1.42	1.42	1.45	1.34	1.28	1.29
PCB-96	1.184	4.92 %	1.28	1.15	1.23	1.16	1.14	1.15
PCB-103	1.122	8.32 %	1.30	1.12	1.13	1.04	1.05	1.08
PCB-100	1.096	3.88 %	1.10	1.11	1.16	1.04	1.06	1.11
PCB-94	1.163	6.13 %	1.24	1.20	1.24	1.13	1.09	1.09
PCB-95/98/102	1.313	4.86 %	1.39	1.35	1.36	1.28	1.25	1.25
PCB-93	1.079	11.83 %	1.18	1.08	1.28	1.02	0.94	0.98
PCB-88/91	1.198	11.28 %	1.38	1.33	1.23	1.11	1.07	1.07
PCB-121	1.847	5.08 %	2.02	1.83	1.89	1.77	1.78	1.79
PCB-84/92	1.217	6.77 %	1.34	1.27	1.25	1.19	1.14	1.12
PCB-89	1.185	9.04 %	1.26	1.30	1.28	1.14	1.08	1.05
PCB-90/101	1.381	8.28 %	1.57	1.42	1.42	1.33	1.28	1.26
PCB-113	1.518	7.25 %	1.52	1.59	1.68	1.51	1.41	1.39
PCB-99	1.476	13.91 %	1.86	1.52	1.46	1.35	1.34	1.33
PCB-119	2.120	6.81 %	2.18	2.34	2.20	2.01	1.99	2.00
PCB-108/112	1.591	8.56 %	1.75	1.72	1.66	1.52	1.45	1.44
PCB-83	1.896	5.69 %	1.98	1.93	2.05	1.84	1.80	1.78
PCB-97	1.500	9.51 %	1.71	1.60	1.55	1.43	1.35	1.36
PCB-86	1.191	8.50 %	1.27	1.34	1.15	1.05	1.15	1.19
PCB-87/117/125	1.764	5.67 %	1.87	1.82	1.86	1.71	1.68	1.64
PCB-111/115	2.087	6.78 %	2.23	2.15	2.24	2.05	1.93	1.92
PCB-85/116	1.532	7.13 %	1.67	1.67	1.49	1.46	1.44	1.46
PCB-120	2.187	5.12 %	2.20	2.32	2.32	2.13	2.11	2.05
PCB-110	1.865	8.96 %	2.08	1.98	1.97	1.74	1.73	1.68
PCB-82	0.881	10.52 %	1.02	0.93	0.91	0.83	0.80	0.78
PCB-124	1.458	11.34 %	1.72	1.58	1.48	1.35	1.32	1.30
PCB-107/109	1.473	6.95 %	1.68	1.41	1.47	1.42	1.43	1.43
PCB-123	1.475	12.44 %	1.80	1.51	1.54	1.37	1.32	1.32
PCB-106/118	1.448	8.11 %	1.59	1.53	1.54	1.38	1.34	1.31
PCB-114	1.393	9.01 %	1.59	1.43	1.46	1.33	1.27	1.28
PCB-122	1.211	8.14 %	1.29	1.33	1.26	1.15	1.10	1.12
PCB-105	1.440	8.99 %	1.65	1.49	1.50	1.34	1.32	1.33
PCB-127	1.191	6.93 %	1.31	1.23	1.24	1.13	1.12	1.11
PCB-126	1.334	8.39 %	1.50	1.42	1.38	1.24	1.25	1.23
PCB-155	1.421	9.14 %	1.62	1.51	1.45	1.36	1.30	1.28
PCB-150	1.322	6.13 %	1.42	1.39	1.36	1.29	1.22	1.25
PCB-152	1.296	4.88 %	1.35	1.38	1.33	1.25	1.23	1.24
PCB-145	1.272	7.02 %	1.41	1.36	1.24	1.21	1.20	1.21
PCB-136	1.302	7.06 %	1.37	1.45	1.30	1.26	1.23	1.20

PCB-148	0.943	2.80 %	0.98	0.97	0.92	0.91	0.94	0.93
PCB-154	1.039	4.86 %	1.06	1.11	1.07	1.02	1.00	0.97
PCB-151	0.968	4.58 %	1.03	1.00	0.99	0.95	0.91	0.93
PCB-135	0.993	3.73 %	1.04	1.03	0.99	0.98	0.95	0.97
PCB-144	0.994	10.99 %	1.21	0.95	0.98	0.91	0.95	0.96
PCB-147	0.888	3.95 %	0.85	0.95	0.90	0.86	0.88	0.89
PCB-139/149	1.029	3.26 %	1.05	1.06	1.06	0.98	1.00	1.03
PCB-140	0.967	10.01 %	1.15	0.94	1.00	0.92	0.89	0.90
PCB-134/143	0.933	7.66 %	1.02	1.01	0.94	0.87	0.88	0.87
PCB-131/133	0.923	5.18 %	0.99	0.97	0.92	0.88	0.89	0.88
PCB-142	0.864	9.26 %	0.90	0.99	0.91	0.79	0.80	0.79

PCB-146/165	1.119	6.38 %	1.20	1.21	1.14	1.05	1.06	1.06
PCB-132/161	1.134	7.81 %	1.28	1.18	1.15	1.05	1.08	1.06
PCB-153	1.157	9.27 %	1.33	1.22	1.19	1.07	1.07	1.07
PCB-168	1.414	9.15 %	1.63	1.47	1.44	1.30	1.32	1.32
PCB-141	1.236	11.26 %	1.48	1.25	1.29	1.15	1.13	1.12
PCB-137	1.254	10.38 %	1.41	1.35	1.35	1.17	1.12	1.13
PCB-130	1.069	4.96 %	1.17	1.03	1.07	1.05	1.05	1.05
PCB-138/163/164	1.365	6.27 %	1.49	1.42	1.41	1.27	1.29	1.31
PCB-158/160	1.460	6.11 %	1.57	1.54	1.50	1.35	1.39	1.41
PCB-129	1.011	8.38 %	1.09	1.09	1.09	0.93	0.93	0.94
PCB-166	1.232	10.28 %	1.41	1.32	1.29	1.13	1.11	1.12
PCB-159	1.310	8.26 %	1.43	1.40	1.39	1.23	1.20	1.20
PCB-128/162	1.095	8.09 %	1.23	1.10	1.16	1.03	1.02	1.02
PCB-167	1.292	11.33 %	1.55	1.35	1.30	1.19	1.18	1.18
PCB-156	1.315	7.51 %	1.43	1.40	1.38	1.24	1.22	1.23
PCB-157	1.337	9.42 %	1.49	1.47	1.39	1.22	1.23	1.23
PCB-169	1.213	7.28 %	1.31	1.27	1.30	1.14	1.13	1.13
PCB-188	1.607	7.18 %	1.75	1.66	1.71	1.55	1.49	1.48
PCB-184	1.459	6.98 %	1.50	1.57	1.56	1.42	1.36	1.33
PCB-179	1.486	6.88 %	1.61	1.58	1.52	1.42	1.40	1.37
PCB-176	1.579	7.24 %	1.69	1.72	1.63	1.50	1.48	1.45
PCB-186	1.536	5.73 %	1.57	1.66	1.61	1.47	1.47	1.45
PCB-178	1.157	7.06 %	1.26	1.19	1.24	1.11	1.08	1.07
PCB-175	1.173	8.95 %	1.32	1.25	1.22	1.09	1.09	1.07
PCB-182/187	1.254	6.43 %	1.37	1.30	1.31	1.18	1.20	1.17
PCB-183	1.321	8.18 %	1.45	1.45	1.33	1.22	1.23	1.24
PCB-185	1.669	8.32 %	1.88	1.70	1.77	1.59	1.55	1.53
PCB-174	1.530	5.63 %	1.61	1.66	1.48	1.50	1.47	1.46
PCB-181	1.591	5.71 %	1.54	1.70	1.72	1.56	1.51	1.53
PCB-177	1.477	7.69 %	1.58	1.54	1.62	1.38	1.38	1.37
PCB-171	1.706	5.91 %	1.74	1.82	1.81	1.60	1.66	1.61
PCB-173	1.398	9.74 %	1.64	1.44	1.43	1.30	1.28	1.31
PCB-172	1.608	4.72 %	1.71	1.64	1.67	1.52	1.54	1.56
PCB-192	2.078	8.66 %	2.40	2.18	2.03	1.92	2.00	1.94
PCB-180	1.668	7.64 %	1.84	1.80	1.67	1.60	1.55	1.55
PCB-193	2.179	6.30 %	2.35	2.24	2.31	2.06	2.07	2.05
PCB-191	2.223	6.36 %	2.21	2.43	2.36	2.09	2.13	2.12
PCB-170	1.828	7.72 %	2.01	1.96	1.88	1.70	1.70	1.71
PCB-190	2.480	6.72 %	2.74	2.60	2.51	2.34	2.33	2.36
PCB-189	1.818	6.67 %	1.95	1.95	1.87	1.72	1.70	1.71
PCB-202	1.155	9.15 %	1.32	1.21	1.21	1.08	1.07	1.05
PCB-201	1.252	6.69 %	1.33	1.33	1.32	1.20	1.17	1.16
PCB-204	1.213	9.09 %	1.38	1.29	1.25	1.11	1.12	1.13
PCB-197	1.341	7.90 %	1.47	1.43	1.40	1.26	1.25	1.23
PCB-200	1.219	8.35 %	1.38	1.24	1.28	1.14	1.17	1.11
PCB-198	0.902	9.74 %	1.05	0.94	0.92	0.82	0.83	0.85
PCB-199	0.848	5.70 %	0.93	0.85	0.87	0.80	0.84	0.80
PCB-196/203	0.960	5.84 %	1.04	0.96	1.00	0.89	0.92	0.95
PCB-195	1.125	6.65 %	1.22	1.17	1.19	1.06	1.06	1.05
PCB-194	1.263	10.42 %	1.50	1.24	1.32	1.18	1.16	1.16

PCB-205	1.592	7.75 %	1.76	1.70	1.64	1.50	1.48	1.48
PCB-208	1.090	6.30 %	1.18	1.15	1.12	1.03	1.03	1.02
PCB-207	1.097	5.18 %	1.13	1.16	1.15	1.04	1.05	1.05
PCB-206	0.939	6.73 %	1.00	1.00	0.98	0.88	0.88	0.88
PCB-209	1.443	10.18 %	1.66	1.52	1.53	1.33	1.31	1.31
Total Mono-PCB	1.110	7.19 %	1.23	1.16	1.14	1.06	1.03	1.04
Total Di-PCB	1.189	6.43 %	1.30	1.23	1.23	1.16	1.11	1.11
Total Tri-PCB	1.266	6.23 %	1.35	1.34	1.31	1.24	1.17	1.18

Total Tri-PCB	1.232	6.76 %	1.34	1.28	1.29	1.19	1.16	1.14
Total Tetra-PCB	1.167	6.28 %	1.25	1.23	1.21	1.13	1.08	1.10
Total Penta-PCB	1.373	6.31 %	1.49	1.42	1.43	1.31	1.29	1.29
Total Penta-PCB	1.312	8.12 %	1.47	1.38	1.37	1.24	1.21	1.21
Total Hexa-PCB	1.104	5.13 %	1.18	1.15	1.12	1.06	1.05	1.06
Total Hexa-PCB	1.175	7.60 %	1.31	1.24	1.21	1.10	1.10	1.10
Total Hepta-PCB	1.552	6.42 %	1.67	1.64	1.62	1.47	1.47	1.45
Total Octa-PCB	1.095	7.40 %	1.22	1.13	1.14	1.02	1.03	1.03
Total Octa-PCB	1.327	8.01 %	1.49	1.37	1.38	1.25	1.23	1.23
Total Nona-PCB	1.052	5.91 %	1.12	1.11	1.09	1.00	1.00	0.99
Total Deca-PCB	1.443	10.18 %	1.66	1.52	1.53	1.33	1.31	1.31
13C-PCB-1	1.236	5.30 %	1.25	1.29	1.24	1.27	1.26	1.11
13C-PCB-3	1.250	5.81 %	1.25	1.28	1.36	1.25	1.23	1.13
13C-PCB-4	0.658	4.95 %	0.67	0.68	0.69	0.66	0.64	0.60
13C-PCB-9	0.981	3.49 %	0.98	1.00	1.02	1.01	0.96	0.93
13C-PCB-11	0.953	1.13 %	0.96	0.96	0.95	0.96	0.95	0.94
13C-PCB-19	0.637	4.54 %	0.64	0.66	0.65	0.66	0.63	0.58
13C-PCB-32	0.901	1.79 %	0.90	0.91	0.91	0.91	0.90	0.87
13C-PCB-28	0.977	3.37 %	1.01	1.01	0.92	0.99	0.96	0.97
13C-PCB-37	0.953	2.47 %	0.95	0.96	0.93	0.93	0.97	0.99
13C-PCB-54	0.992	6.30 %	1.04	1.04	1.00	1.03	0.95	0.89
13C-PCB-52	0.775	3.90 %	0.80	0.80	0.79	0.79	0.75	0.72
13C-PCB-47	0.848	2.55 %	0.86	0.87	0.86	0.86	0.83	0.81
13C-PCB-70	0.999	1.12 %	1.01	1.00	0.99	1.01	1.00	0.98
13C-PCB-80	1.004	0.68 %	1.01	1.00	1.00	1.00	0.99	1.01
13C-PCB-81	1.004	2.47 %	0.99	0.99	0.99	0.99	1.02	1.05
13C-PCB-77	0.956	2.43 %	0.94	0.93	0.96	0.94	0.99	0.98
13C-PCB-104	1.033	6.89 %	1.06	1.10	1.06	1.08	0.98	0.92
13C-PCB-95	0.811	3.30 %	0.83	0.84	0.80	0.84	0.79	0.77
13C-PCB-101	0.801	0.89 %	0.80	0.81	0.80	0.81	0.79	0.79
13C-PCB-97	0.699	1.58 %	0.72	0.70	0.70	0.70	0.69	0.69
13C-PCB-123	0.954	1.37 %	0.96	0.96	0.98	0.95	0.94	0.95
13C-PCB-118	0.994	2.60 %	0.98	0.96	0.99	0.99	1.01	1.04
13C-PCB-114	1.167	1.44 %	1.15	1.16	1.15	1.17	1.19	1.18
13C-PCB-105	1.160	1.79 %	1.14	1.15	1.14	1.17	1.19	1.17
13C-PCB-127	1.252	0.99 %	1.25	1.24	1.24	1.26	1.25	1.27
13C-PCB-126	1.159	2.38 %	1.13	1.15	1.13	1.17	1.18	1.19
13C-PCB-155	0.749	2.08 %	0.74	0.75	0.78	0.75	0.74	0.73
13C-PCB-153	1.283	2.21 %	1.31	1.27	1.30	1.31	1.25	1.25
13C-PCB-141	1.077	0.98 %	1.07	1.09	1.08	1.09	1.07	1.07
13C-PCB-138	1.146	1.48 %	1.15	1.14	1.14	1.18	1.14	1.13
13C-PCB-159	1.378	0.98 %	1.38	1.38	1.36	1.38	1.38	1.40
13C-PCB-167	1.391	1.43 %	1.38	1.42	1.40	1.39	1.37	1.38
13C-PCB-156	1.375	1.25 %	1.35	1.37	1.38	1.37	1.38	1.40
13C-PCB-157	1.376	1.37 %	1.35	1.37	1.37	1.39	1.37	1.40
13C-PCB-169	1.376	2.66 %	1.31	1.38	1.36	1.39	1.39	1.42
13C-PCB-188	1.387	2.05 %	1.43	1.40	1.38	1.40	1.35	1.37
13C-PCB-180	0.962	1.27 %	0.98	0.97	0.97	0.95	0.94	0.96
13C-PCB-170	0.838	1.53 %	0.82	0.85	0.85	0.83	0.84	0.84
13C-PCB-189	1.118	2.25 %	1.11	1.09	1.12	1.11	1.12	1.16
13C-PCB-202	1.210	0.89 %	1.20	1.23	1.21	1.21	1.20	1.22

13C-PCB-194	0.761	0.63 %	0.76	0.76	0.76	0.76	0.77	0.75
13C-PCB-208	1.076	2.16 %	1.09	1.08	1.10	1.08	1.06	1.04
13C-PCB-206	0.781	0.79 %	0.78	0.79	0.78	0.78	0.78	0.78
13C-PCB-209	0.731	1.91 %	0.72	0.74	0.71	0.74	0.75	0.72
13C-PCB-15	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-31	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-60	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-111	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-128	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-182	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00

13C-PCB-205	1.000	0.00 %	1.00	1.00	1.00	1.00	1.00	1.00
13C-PCB-79	1.018	0.88 %	1.01	1.01	1.01	1.03	1.02	1.02
13C-PCB-178	0.904	2.53 %	0.92	0.91	0.90	0.93	0.89	0.87
13C-PCB-79	1.015	2.29 %	1.02	1.02	1.02	1.04	1.01	0.97
13C-PCB-178	0.940	2.32 %	0.94	0.94	0.93	0.98	0.94	0.91

Filename: 171027E1 S: 1 Acquired: 27-OCT-17 10:27:40
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-1 PCB CS0 17C0307

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	0.25	7.10e+05	3.11 y	16:02	-	1.25
2	Mono	PCB-2	0.25	6.94e+05	2.97 y	18:25	-	1.22
3	Mono	PCB-3	0.25	6.86e+05	2.78 y	18:40	-	1.21
4	Di	PCB-4/10	0.50	9.34e+05	1.38 y	20:02	-	1.53
5	Di	PCB-7/9	0.50	1.10e+06	1.45 y	21:50	-	1.23
6	Di	PCB-6	0.25	5.42e+05	1.74 y	22:29	-	1.21
7	Di	PCB-5/8	0.50	1.10e+06	1.47 y	22:54	-	1.24
8	Di	PCB-14	0.25	6.87e+05	1.39 y	23:59	-	1.57
9	Di	PCB-11	0.25	6.01e+05	1.38 y	25:12	-	1.37
10	Di	PCB-12/13	0.50	1.08e+06	1.44 y	25:35	-	1.24
11	Di	PCB-15	0.25	5.52e+05	1.66 y	25:53	-	1.26
12	Tri	PCB-19	0.25	3.95e+05	1.10 y	24:10	-	1.35
13	Tri	PCB-30	0.25	5.84e+05	0.97 y	25:04	-	2.00
14	Tri	PCB-18	0.25	4.27e+05	1.12 y	25:50	-	1.04
15	Tri	PCB-17	0.25	4.50e+05	1.08 y	26:00	-	1.10
16	Tri	PCB-24/27	0.50	1.18e+06	1.08 y	26:34	-	1.44
17	Tri	PCB-16/32	0.50	9.87e+05	1.14 y	27:05	-	1.20
18	Tri	PCB-34	0.25	4.78e+05	0.94 y	27:53	-	1.18
19	Tri	PCB-23	0.25	5.58e+05	1.12 y	27:58	-	1.38
20	Tri	PCB-29	0.25	5.56e+05	1.09 y	28:13	-	1.38
21	Tri	PCB-26	0.25	5.40e+05	1.07 y	28:27	-	1.34
22	Tri	PCB-25	0.25	5.04e+05	1.03 y	28:36	-	1.25
23	Tri	PCB-31	0.25	5.77e+05	1.13 y	28:57	-	1.43
24	Tri	PCB-28	0.25	6.05e+05	1.16 y	29:04	-	1.50
25	Tri	PCB-20/21/33	0.75	1.53e+06	1.06 y	29:41	-	1.26
26	Tri	PCB-22	0.25	5.38e+05	0.96 y	30:07	-	1.33
27	Tri	PCB-36	0.25	5.00e+05	0.98 y	30:44	-	1.33
28	Tri	PCB-39	0.25	5.37e+05	1.10 y	31:13	-	1.42
29	Tri	PCB-38	0.25	4.83e+05	1.06 y	31:58	-	1.28
30	Tri	PCB-35	0.25	5.01e+05	1.18 y	32:30	-	1.33
31	Tri	PCB-37	0.25	5.47e+05	1.19 y	32:56	-	1.45
32	Tetra	PCB-54	0.25	5.09e+05	0.72 y	27:56	-	1.26
33	Tetra	PCB-50	0.25	4.16e+05	0.79 y	29:07	-	1.03
34	Tetra	PCB-53	0.25	3.59e+05	0.87 y	29:45	-	1.16
35	Tetra	PCB-51	0.25	4.11e+05	0.79 y	30:06	-	1.33
36	Tetra	PCB-45	0.25	3.78e+05	0.72 y	30:32	-	1.22
37	Tetra	PCB-46	0.25	3.33e+05	0.78 y	31:01	-	1.08
38	Tetra	PCB-52/69	0.50	8.53e+05	0.80 y	31:30	-	1.38
39	Tetra	PCB-73	0.25	4.66e+05	0.79 y	31:37	-	1.51
40	Tetra	PCB-43/49	0.50	7.40e+05	0.71 y	31:47	-	1.20

41	Tetra	PCB-47	0.25	3.47e+05	0.85 y	31:58	-	1.04
42	Tetra	PCB-48/75	0.50	9.62e+05	0.74 y	32:05	-	1.44
43	Tetra	PCB-65	0.25	4.48e+05	0.87 y	32:22	-	1.34
44	Tetra	PCB-62	0.25	4.67e+05	0.76 y	32:28	-	1.40
45	Tetra	PCB-44	0.25	3.39e+05	0.77 y	32:47	-	1.02
46	Tetra	PCB-42/59	0.50	8.53e+05	0.80 y	33:01	-	1.28
47	Tetra	PCB-41/64/71/72	1.00	1.76e+06	0.80 y	33:36	-	1.32
48	Tetra	PCB-68	0.25	5.46e+05	0.69 y	33:51	-	1.64
49	Tetra	PCB-40	0.25	3.02e+05	0.81 y	34:04	-	0.91
50	Tetra	PCB-57	0.25	4.71e+05	0.78 y	34:26	-	1.20
51	Tetra	PCB-67	0.25	4.79e+05	0.83 y	34:43	-	1.22

52	Tetra	PCB-58	0.25	5.72e+05	0.86 y	34:51	-	1.46
53	Tetra	PCB-63	0.25	5.07e+05	0.77 y	35:00	-	1.29
54	Tetra	PCB-74	0.25	5.13e+05	0.81 y	35:17	-	1.31
55	Tetra	PCB-61/70	0.50	1.08e+06	0.84 y	35:27	-	1.38
56	Tetra	PCB-76/66	0.50	1.04e+06	0.83 y	35:41	-	1.33
57	Tetra	PCB-80	0.25	6.15e+05	0.81 y	35:55	-	1.57
58	Tetra	PCB-55	0.25	5.60e+05	0.80 y	36:14	-	1.43
59	Tetra	PCB-56/60	0.50	9.94e+05	0.66 y	36:43	-	1.27
60	Tetra	PCB-79	0.25	5.50e+05	0.75 y	37:48	-	1.40
61	Tetra	PCB-78	0.25	4.50e+05	0.87 y	38:29	-	1.17
62	Tetra	PCB-81	0.25	5.53e+05	0.84 y	39:01	-	1.44
63	Tetra	PCB-77	0.25	5.72e+05	0.80 y	39:36	-	1.56
64	Penta	PCB-104	0.25	3.55e+05	1.34 y	32:38	-	1.42
65	Penta	PCB-96	0.25	3.21e+05	1.42 y	33:54	-	1.28
66	Penta	PCB-103	0.25	3.25e+05	1.41 y	34:26	-	1.30
67	Penta	PCB-100	0.25	2.75e+05	1.46 y	34:47	-	1.10
68	Penta	PCB-94	0.25	2.40e+05	1.65 y	35:16	-	1.24
69	Penta	PCB-95/98/102	0.75	8.12e+05	1.54 y	35:44	-	1.39
70	Penta	PCB-93	0.25	2.28e+05	1.76 y	35:52	-	1.18
71	Penta	PCB-88/91	0.50	5.35e+05	1.72 y	36:10	-	1.38
72	Penta	PCB-121	0.25	3.91e+05	1.68 y	36:17	-	2.02
73	Penta	PCB-84/92	0.50	5.06e+05	1.54 y	37:06	-	1.34
74	Penta	PCB-89	0.25	2.37e+05	1.55 y	37:17	-	1.26
75	Penta	PCB-90/101	0.50	5.93e+05	1.56 y	37:29	-	1.57
76	Penta	PCB-113	0.25	2.88e+05	1.75 y	37:42	-	1.52
77	Penta	PCB-99	0.25	3.52e+05	1.63 y	37:48	-	1.86
78	Penta	PCB-119	0.25	3.68e+05	1.76 y	38:17	-	2.18
79	Penta	PCB-108/112	0.50	5.90e+05	1.67 y	38:26	-	1.75
80	Penta	PCB-83	0.25	3.34e+05	1.44 y	38:35	-	1.98
81	Penta	PCB-97	0.25	2.89e+05	1.56 y	38:47	-	1.71
82	Penta	PCB-86	0.25	2.15e+05	1.63 y	38:55	-	1.27
83	Penta	PCB-87/117/125	0.75	9.47e+05	1.42 y	39:03	-	1.87
84	Penta	PCB-111/115	0.50	7.52e+05	1.63 y	39:12	-	2.23
85	Penta	PCB-85/116	0.50	5.64e+05	1.66 y	39:20	-	1.67
86	Penta	PCB-120	0.25	3.71e+05	1.60 y	39:35	-	2.20
87	Penta	PCB-110	0.25	3.52e+05	1.68 y	39:43	-	2.08
88	Penta	PCB-82	0.25	2.29e+05	1.68 y	40:20	-	1.02
89	Penta	PCB-124	0.25	3.85e+05	1.47 y	41:01	-	1.72
90	Penta	PCB-107/109	0.50	7.53e+05	1.56 y	41:10	-	1.68
91	Penta	PCB-123	0.25	4.03e+05	1.48 y	41:21	-	1.80
92	Penta	PCB-106/118	0.50	7.36e+05	1.66 y	41:32	-	1.59
93	Penta	PCB-114	0.25	4.11e+05	1.46 y	42:10	-	1.59
94	Penta	PCB-122	0.25	3.34e+05	1.57 y	42:19	-	1.29
95	Penta	PCB-105	0.25	4.22e+05	1.59 y	43:02	-	1.65
96	Penta	PCB-127	0.25	3.68e+05	1.70 y	43:23	-	1.31
97	Penta	PCB-126	0.25	3.78e+05	1.57 y	45:16	-	1.50
98	Hexa	PCB-155	0.25	2.80e+05	1.22 y	37:02	-	1.62
99	Hexa	PCB-150	0.25	2.46e+05	1.39 y	38:18	-	1.42
100	Hexa	PCB-152	0.25	2.35e+05	1.06 y	38:45	-	1.35
101	Hexa	PCB-145	0.25	2.44e+05	1.32 y	39:12	-	1.41

102	Hexa	PCB-136	0.25	2.37e+05	1.42 y	39:32	-	1.37
103	Hexa	PCB-148	0.25	1.69e+05	1.36 y	39:38	-	0.98
104	Hexa	PCB-154	0.25	1.84e+05	1.32 y	40:08	-	1.06
105	Hexa	PCB-151	0.25	1.79e+05	1.33 y	40:45	-	1.03
106	Hexa	PCB-135	0.25	1.80e+05	1.06 y	40:58	-	1.04
107	Hexa	PCB-144	0.25	2.10e+05	1.16 y	41:06	-	1.21
108	Hexa	PCB-147	0.25	1.48e+05	1.08 y	41:13	-	0.85
109	Hexa	PCB-139/149	0.50	3.64e+05	1.11 y	41:29	-	1.05
110	Hexa	PCB-140	0.25	1.99e+05	1.27 y	41:39	-	1.15
111	Hexa	PCB-134/143	0.50	6.01e+05	1.06 y	42:06	-	1.02
112	Hexa	PCB-131/133	0.50	5.83e+05	1.19 y	42:24	-	0.99

113	Hexa	PCB-142	0.25	2.65e+05	1.06 y	42:33	-	0.90
114	Hexa	PCB-146/165	0.50	7.03e+05	1.34 y	42:47	-	1.20
115	Hexa	PCB-132/161	0.50	7.53e+05	1.41 y	43:02	-	1.28
116	Hexa	PCB-153	0.25	3.90e+05	1.35 y	43:12	-	1.33
117	Hexa	PCB-168	0.25	4.79e+05	1.11 y	43:25	-	1.63
118	Hexa	PCB-141	0.25	3.56e+05	1.19 y	43:56	-	1.48
119	Hexa	PCB-137	0.25	3.38e+05	1.26 y	44:18	-	1.41
120	Hexa	PCB-130	0.25	2.81e+05	1.09 y	44:25	-	1.17
121	Hexa	PCB-138/163/164	0.75	1.15e+06	1.25 y	44:48	-	1.49
122	Hexa	PCB-158/160	0.50	8.12e+05	1.12 y	45:02	-	1.57
123	Hexa	PCB-129	0.25	2.81e+05	1.28 y	45:16	-	1.09
124	Hexa	PCB-166	0.25	4.36e+05	1.12 y	45:44	-	1.41
125	Hexa	PCB-159	0.25	4.41e+05	1.10 y	46:03	-	1.43
126	Hexa	PCB-128/162	0.50	7.62e+05	1.29 y	46:21	-	1.23
127	Hexa	PCB-167	0.25	4.79e+05	1.31 y	46:44	-	1.55
128	Hexa	PCB-156	0.25	4.34e+05	1.20 y	48:01	-	1.43
129	Hexa	PCB-157	0.25	4.50e+05	1.27 y	48:17	-	1.49
130	Hexa	PCB-169	0.25	3.86e+05	1.21 y	50:29	-	1.31
131	Hepta	PCB-188	0.25	3.78e+05	1.18 y	42:49	-	1.75
132	Hepta	PCB-184	0.25	3.25e+05	1.16 y	43:16	-	1.50
133	Hepta	PCB-179	0.25	3.49e+05	0.98 y	44:03	-	1.61
134	Hepta	PCB-176	0.25	3.66e+05	1.07 y	44:31	-	1.69
135	Hepta	PCB-186	0.25	3.39e+05	1.01 y	45:08	-	1.57
136	Hepta	PCB-178	0.25	2.72e+05	1.08 y	45:37	-	1.26
137	Hepta	PCB-175	0.25	2.86e+05	0.95 y	45:57	-	1.32
138	Hepta	PCB-182/187	0.50	5.92e+05	1.12 y	46:08	-	1.37
139	Hepta	PCB-183	0.25	3.13e+05	1.03 y	46:26	-	1.45
140	Hepta	PCB-185	0.25	2.78e+05	0.99 y	47:06	-	1.88
141	Hepta	PCB-174	0.25	2.39e+05	1.20 y	47:29	-	1.61
142	Hepta	PCB-181	0.25	2.28e+05	1.14 y	47:35	-	1.54
143	Hepta	PCB-177	0.25	2.34e+05	0.95 y	47:44	-	1.58
144	Hepta	PCB-171	0.25	2.58e+05	0.90 y	48:01	-	1.74
145	Hepta	PCB-173	0.25	2.43e+05	1.02 y	48:27	-	1.64
146	Hepta	PCB-172	0.25	2.53e+05	0.95 y	48:54	-	1.71
147	Hepta	PCB-192	0.25	3.55e+05	0.96 y	49:06	-	2.40
148	Hepta	PCB-180	0.25	2.73e+05	1.05 y	49:19	-	1.84
149	Hepta	PCB-193	0.25	3.48e+05	0.94 y	49:31	-	2.35
150	Hepta	PCB-191	0.25	3.27e+05	1.11 y	49:46	-	2.21
151	Hepta	PCB-170	0.25	2.49e+05	1.11 y	50:55	-	2.01
152	Hepta	PCB-190	0.25	3.39e+05	1.20 y	51:05	-	2.74
153	Hepta	PCB-189	0.25	3.29e+05	1.15 y	52:31	-	1.95
154	Octa	PCB-202	0.25	2.40e+05	0.76 y	48:14	-	1.32
155	Octa	PCB-201	0.25	2.43e+05	0.89 y	48:44	-	1.33
156	Octa	PCB-204	0.25	2.51e+05	0.87 y	48:52	-	1.38
157	Octa	PCB-197	0.25	2.68e+05	0.82 y	49:11	-	1.47
158	Octa	PCB-200	0.25	2.52e+05	0.76 y	50:05	-	1.38
159	Octa	PCB-198	0.25	1.92e+05	0.81 y	51:33	-	1.05
160	Octa	PCB-199	0.25	1.69e+05	1.02 y	51:40	-	0.93
161	Octa	PCB-196/203	0.50	3.81e+05	0.86 y	51:57	-	1.04
162	Octa	PCB-195	0.25	2.11e+05	1.01 y	53:11	-	1.22

163	Octa	PCB-194	0.25	2.61e+05	0.98	y	54:05	-	1.50
164	Octa	PCB-205	0.25	3.06e+05	0.89	y	54:21	-	1.76
165	Nona	PCB-208	0.25	2.95e+05	1.50	y	53:20	-	1.18
166	Nona	PCB-207	0.25	2.83e+05	1.15	y	53:40	-	1.13
167	Nona	PCB-206	0.25	1.78e+05	1.36	y	55:39	-	1.00
168	Deca	PCB-209	0.25	2.73e+05	1.00	y	56:58	-	1.66
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.23
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.30

171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.35
172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.34
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.25
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.49
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.47
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.18
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.31
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.67
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.22
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.49
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.12
182	Tot ╗	Total Deca-PCB	0.25	2.73e+05	1.00	y	56:58	-	1.66
183	Mono╗	13C-PCB-1	100.00	2.27e+08	3.23	y	16:01	-	1.25
184	Mono╗	13C-PCB-3	100.00	2.27e+08	3.20	y	18:39	-	1.25
185	Di-IS	13C-PCB-4	100.00	1.22e+08	1.58	y	19:59	-	0.67
186	Di-IS	13C-PCB-9	100.00	1.78e+08	1.56	y	21:47	-	0.98
187	Di-IS	13C-PCB-11	100.00	1.75e+08	1.57	y	25:11	-	0.96
188	Tri-╗	13C-PCB-19	100.00	1.17e+08	1.06	y	24:09	-	0.64
189	Tri-╗	13C-PCB-32	100.00	1.64e+08	1.08	y	27:05	-	0.90
190	Tri-╗	13C-PCB-28	100.00	1.62e+08	1.06	y	29:03	-	1.01
191	Tri-╗	13C-PCB-37	100.00	1.51e+08	1.04	y	32:55	-	0.95
192	Tetr╗	13C-PCB-54	100.00	1.62e+08	0.80	y	27:55	-	1.04
193	Tetr╗	13C-PCB-52	100.00	1.24e+08	0.78	y	31:28	-	0.80
194	Tetr╗	13C-PCB-47	100.00	1.33e+08	0.80	y	31:58	-	0.86
195	Tetr╗	13C-PCB-70	100.00	1.57e+08	0.80	y	35:29	-	1.01
196	Tetr╗	13C-PCB-80	100.00	1.57e+08	0.80	y	35:55	-	1.01
197	Tetr╗	13C-PCB-81	100.00	1.54e+08	0.80	y	38:60	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.47e+08	0.80	y	39:36	-	0.94
199	Pent╗	13C-PCB-104	100.00	1.00e+08	1.61	y	32:37	-	1.06
200	Pent╗	13C-PCB-95	100.00	7.76e+07	1.58	y	35:47	-	0.83
201	Pent╗	13C-PCB-101	100.00	7.56e+07	1.59	y	37:28	-	0.80
202	Pent╗	13C-PCB-97	100.00	6.75e+07	1.62	y	38:46	-	0.72
203	Pent╗	13C-PCB-123	100.00	8.98e+07	1.59	y	41:20	-	0.96
204	Pent╗	13C-PCB-118	100.00	9.24e+07	1.61	y	41:30	-	0.98
205	Pent╗	13C-PCB-114	100.00	1.03e+08	1.60	y	42:09	-	1.15
206	Pent╗	13C-PCB-105	100.00	1.02e+08	1.57	y	43:01	-	1.14
207	Pent╗	13C-PCB-127	100.00	1.12e+08	1.59	y	43:21	-	1.25
208	Pent╗	13C-PCB-126	100.00	1.01e+08	1.59	y	45:15	-	1.13
209	Hexa╗	13C-PCB-155	100.00	6.94e+07	1.29	y	37:00	-	0.74
210	Hexa╗	13C-PCB-153	100.00	1.17e+08	1.25	y	43:11	-	1.31
211	Hexa╗	13C-PCB-141	100.00	9.59e+07	1.28	y	43:55	-	1.07
212	Hexa	13C-PCB-138	100.00	1.03e+08	1.27	y	44:45	-	1.15
213	Hexa╗	13C-PCB-159	100.00	1.23e+08	1.28	y	46:02	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.23e+08	1.29	y	46:43	-	1.38
215	Hexa╗	13C-PCB-156	100.00	1.21e+08	1.28	y	48:00	-	1.35
216	Hexa╗	13C-PCB-157	100.00	1.21e+08	1.27	y	48:16	-	1.35
217	Hexa╗	13C-PCB-169	100.00	1.18e+08	1.27	y	50:29	-	1.31
218	Hept╗	13C-PCB-188	100.00	8.65e+07	0.45	y	42:49	-	1.43
219	Hept╗	13C-PCB-180	100.00	5.92e+07	0.46	y	49:18	-	0.98
220	Hept╗	13C-PCB-170	100.00	4.96e+07	0.47	y	50:54	-	0.82
221	Hept╗	13C-PCB-189	100.00	6.76e+07	0.45	y	52:31	-	1.11

222	Octa╗	13C-PCB-202	100.00	7.29e+07	0.91 y	48:13	-	1.20
223	Octa╗	13C-PCB-194	100.00	6.95e+07	0.92 y	54:05	-	0.76
224	Nona╗	13C-PCB-208	100.00	9.98e+07	0.77 y	53:20	-	1.09
225	Nona╗	13C-PCB-206	100.00	7.10e+07	0.78 y	55:38	-	0.78
226	Deca╗	13C-PCB-209	100.00	6.59e+07	1.18 y	56:58	-	0.72
227	DI-RS	13C-PCB-15	100.00	1.82e+08	1.57 y	25:53	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.59e+08	1.07 y	28:56	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.55e+08	0.80 y	36:43	-	1.00
230	Penta	13C-PCB-111	100.00	9.39e+07	1.61 y	39:12	-	1.00
231	Hexa╗	13C-PCB-128	100.00	8.98e+07	1.25 y	46:18	-	1.00

232	Hept¶	13C-PCB-182	100.00	6.07e+07	0.47 y	46:08	-	1.00
233	Octa¶	13C-PCB-205	100.00	9.12e+07	0.92 y	54:21	-	1 00
234	CRS	13C-PCB-79	100.00	1.57e+08	0.79 y	37:47	-	1.01
235	CRS	13C-PCB-178	100.00	5.59e+07	0.47 y	45:36	-	0.92
236	PS	13C-PCB-79	100.00	1.57e+08	0.79 y	37:47	-	1.02
237	PS	13C-PCB-178	100.00	5.59e+07	0.47 y	45:36	-	0.94

Filename: 171027E1 S: 2 Acquired: 27-OCT-17 11:32:43
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-2 PCB CS1 17C0309

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1.00	2.82e+06	3.20 y	16:04	-	1.21
2	Mono	PCB-2	1.00	2.56e+06	3.06 y	18:27	-	1.11
3	Mono	PCB-3	1.00	2.66e+06	3.07 y	18:41	-	1.16
4	Di	PCB-4/10	2.00	3.68e+06	1.52 y	20:04	-	1.50
5	Di	PCB-7/9	2.00	4.14e+06	1.53 y	21:51	-	1.15
6	Di	PCB-6	1.00	1.98e+06	1.57 y	22:30	-	1.10
7	Di	PCB-5/8	2.00	4.28e+06	1.60 y	22:55	-	1.19
8	Di	PCB-14	1.00	2.47e+06	1.57 y	24:01	-	1.43
9	Di	PCB-11	1.00	2.05e+06	1.56 y	25:13	-	1.19
10	Di	PCB-12/13	2.00	4.11e+06	1.56 y	25:36	-	1.19
11	Di	PCB-15	1.00	2.33e+06	1.54 y	25:55	-	1.35
12	Tri	PCB-19	1.00	1.55e+06	1.07 y	24:12	-	1.30
13	Tri	PCB-30	1.00	2.41e+06	1.01 y	25:06	-	2.02
14	Tri	PCB-18	1.00	1.66e+06	1.13 y	25:51	-	1.01
15	Tri	PCB-17	1.00	1.81e+06	1.10 y	26:01	-	1.10
16	Tri	PCB-24/27	2.00	4.66e+06	1.03 y	26:36	-	1.42
17	Tri	PCB-16/32	2.00	3.82e+06	1.08 y	27:07	-	1.17
18	Tri	PCB-34	1.00	1.99e+06	0.99 y	27:54	-	1.27
19	Tri	PCB-23	1.00	2.03e+06	1.15 y	28:00	-	1.30
20	Tri	PCB-29	1.00	2.03e+06	1.09 y	28:14	-	1.29
21	Tri	PCB-26	1.00	1.98e+06	1.10 y	28:28	-	1.26
22	Tri	PCB-25	1.00	1.90e+06	1.00 y	28:37	-	1.21
23	Tri	PCB-31	1.00	2.07e+06	1.02 y	28:59	-	1.32
24	Tri	PCB-28	1.00	2.03e+06	1.07 y	29:04	-	1.29
25	Tri	PCB-20/21/33	3.00	5.68e+06	1.06 y	29:42	-	1.20
26	Tri	PCB-22	1.00	1.97e+06	1.04 y	30:08	-	1.25
27	Tri	PCB-36	1.00	1.99e+06	1.04 y	30:46	-	1.33
28	Tri	PCB-39	1.00	2.17e+06	1.04 y	31:14	-	1.44
29	Tri	PCB-38	1.00	1.88e+06	1.07 y	31:59	-	1.26
30	Tri	PCB-35	1.00	1.86e+06	1.09 y	32:31	-	1.24
31	Tri	PCB-37	1.00	2.08e+06	1.04 y	32:57	-	1.39
32	Tetra	PCB-54	1.00	1.85e+06	0.76 y	27:57	-	1.15
33	Tetra	PCB-50	1.00	1.45e+06	0.78 y	29:08	-	0.90
34	Tetra	PCB-53	1.00	1.59e+06	0.78 y	29:46	-	1.28
35	Tetra	PCB-51	1.00	1.52e+06	0.76 y	30:07	-	1.22
36	Tetra	PCB-45	1.00	1.24e+06	0.73 y	30:33	-	1.00
37	Tetra	PCB-46	1.00	1.32e+06	0.84 y	31:03	-	1.06
38	Tetra	PCB-52/69	2.00	3.47e+06	0.77 y	31:31	-	1.40
39	Tetra	PCB-73	1.00	1.79e+06	0.80 y	31:39	-	1.45
40	Tetra	PCB-43/49	2.00	2.93e+06	0.76 y	31:48	-	1.18
41	Tetra	PCB-47	1.00	1.45e+06	0.73 y	32:00	-	1.07

42	Tetra	PCB-48/75	2.00	3.89e+06	0.77 y	32:07	-	1.44
43	Tetra	PCB-65	1.00	1.90e+06	0.74 y	32:23	-	1.41
44	Tetra	PCB-62	1.00	1.75e+06	0.81 y	32:30	-	1.30
45	Tetra	PCB-44	1.00	1.38e+06	0.84 y	32:48	-	1.02
46	Tetra	PCB-42/59	2.00	3.34e+06	0.81 y	33:02	-	1.24
47	Tetra	PCB-41/64/71/72	4.00	7.16e+06	0.78 y	33:37	-	1.33
48	Tetra	PCB-68	1.00	2.05e+06	0.82 y	33:53	-	1.52
49	Tetra	PCB-40	1.00	1.19e+06	0.86 y	34:05	-	0.88
50	Tetra	PCB-57	1.00	1.97e+06	0.74 y	34:27	-	1.26
51	Tetra	PCB-67	1.00	1.82e+06	0.81 y	34:45	-	1.16
52	Tetra	PCB-58	1.00	1.99e+06	0.81 y	34:52	-	1.27

53	Tetra	PCB-63	1.00	2.10e+06	0.74 y	35:01	-	1.35
54	Tetra	PCB-74	1.00	2.03e+06	0.75 y	35:18	-	1.30
55	Tetra	PCB-61/70	2.00	3.79e+06	0.78 y	35:29	-	1.21
56	Tetra	PCB-76/66	2.00	3.94e+06	0.73 y	35:42	-	1.26
57	Tetra	PCB-80	1.00	2.24e+06	0.83 y	35:57	-	1.44
58	Tetra	PCB-55	1.00	2.06e+06	0.79 y	36:15	-	1.33
59	Tetra	PCB-56/60	2.00	3.77e+06	0.77 y	36:45	-	1.21
60	Tetra	PCB-79	1.00	2.02e+06	0.79 y	37:49	-	1.30
61	Tetra	PCB-78	1.00	1.85e+06	0.78 y	38:30	-	1.20
62	Tetra	PCB-81	1.00	2.04e+06	0.83 y	39:02	-	1.33
63	Tetra	PCB-77	1.00	2.11e+06	0.78 y	39:38	-	1.46
64	Penta	PCB-104	1.00	1.47e+06	1.53 y	32:39	-	1.42
65	Penta	PCB-96	1.00	1.19e+06	1.61 y	33:54	-	1.15
66	Penta	PCB-103	1.00	1.16e+06	1.57 y	34:27	-	1.12
67	Penta	PCB-100	1.00	1.14e+06	1.49 y	34:49	-	1.11
68	Penta	PCB-94	1.00	9.38e+05	1.42 y	35:17	-	1.20
69	Penta	PCB-95/98/102	3.00	3.17e+06	1.60 y	35:46	-	1.35
70	Penta	PCB-93	1.00	8.49e+05	1.76 y	35:54	-	1.08
71	Penta	PCB-88/91	2.00	2.08e+06	1.51 y	36:12	-	1.33
72	Penta	PCB-121	1.00	1.43e+06	1.63 y	36:19	-	1.83
73	Penta	PCB-84/92	2.00	1.92e+06	1.48 y	37:07	-	1.27
74	Penta	PCB-89	1.00	9.81e+05	1.49 y	37:19	-	1.30
75	Penta	PCB-90/101	2.00	2.14e+06	1.59 y	37:29	-	1.42
76	Penta	PCB-113	1.00	1.20e+06	1.51 y	37:44	-	1.59
77	Penta	PCB-99	1.00	1.15e+06	1.55 y	37:49	-	1.52
78	Penta	PCB-119	1.00	1.53e+06	1.69 y	38:17	-	2.34
79	Penta	PCB-108/112	2.00	2.25e+06	1.53 y	38:27	-	1.72
80	Penta	PCB-83	1.00	1.26e+06	1.77 y	38:36	-	1.93
81	Penta	PCB-97	1.00	1.04e+06	1.70 y	38:49	-	1.60
82	Penta	PCB-86	1.00	8.74e+05	1.62 y	38:56	-	1.34
83	Penta	PCB-87/117/125	3.00	3.57e+06	1.50 y	39:04	-	1.82
84	Penta	PCB-111/115	2.00	2.81e+06	1.45 y	39:14	-	2.15
85	Penta	PCB-85/116	2.00	2.18e+06	1.63 y	39:21	-	1.67
86	Penta	PCB-120	1.00	1.52e+06	1.75 y	39:36	-	2.32
87	Penta	PCB-110	1.00	1.29e+06	1.60 y	39:44	-	1.98
88	Penta	PCB-82	1.00	8.37e+05	1.55 y	40:22	-	0.93
89	Penta	PCB-124	1.00	1.42e+06	1.65 y	41:03	-	1.58
90	Penta	PCB-107/109	2.00	2.54e+06	1.51 y	41:12	-	1.41
91	Penta	PCB-123	1.00	1.36e+06	1.71 y	41:22	-	1.51
92	Penta	PCB-106/118	2.00	2.75e+06	1.55 y	41:33	-	1.53
93	Penta	PCB-114	1.00	1.47e+06	1.63 y	42:11	-	1.43
94	Penta	PCB-122	1.00	1.37e+06	1.63 y	42:19	-	1.33
95	Penta	PCB-105	1.00	1.51e+06	1.64 y	43:03	-	1.49
96	Penta	PCB-127	1.00	1.34e+06	1.62 y	43:23	-	1.23
97	Penta	PCB-126	1.00	1.44e+06	1.59 y	45:16	-	1.42
98	Hexa	PCB-155	1.00	1.06e+06	1.21 y	37:03	-	1.51
99	Hexa	PCB-150	1.00	9.77e+05	1.10 y	38:19	-	1.39
100	Hexa	PCB-152	1.00	9.64e+05	1.32 y	38:47	-	1.38
101	Hexa	PCB-145	1.00	9.54e+05	1.38 y	39:14	-	1.36
102	Hexa	PCB-136	1.00	1.01e+06	1.39 y	39:33	-	1.45

103	Hexa	PCB-148	1.00	6.81e+05	1.08	y	39:40	-	0.97
104	Hexa	PCB-154	1.00	7.78e+05	1.17	y	40:09	-	1.11
105	Hexa	PCB-151	1.00	6.98e+05	1.19	y	40:48	-	1.00
106	Hexa	PCB-135	1.00	7.25e+05	1.21	y	41:00	-	1.03
107	Hexa	PCB-144	1.00	6.67e+05	1.23	y	41:07	-	0.95
108	Hexa	PCB-147	1.00	6.66e+05	1.31	y	41:14	-	0.95
109	Hexa	PCB-139/149	2.00	1.48e+06	1.38	y	41:31	-	1.06
110	Hexa	PCB-140	1.00	6.61e+05	1.37	y	41:41	-	0.94
111	Hexa	PCB-134/143	2.00	2.28e+06	1.22	y	42:07	-	1.01
112	Hexa	PCB-131/133	2.00	2.17e+06	1.18	y	42:25	-	0.97
113	Hexa	PCB-142	1.00	1.11e+06	1.22	y	42:34	-	0.99

114	Hexa	PCB-146/165	2.00	2.71e+06	1.31 y	42:48	-	1.21
115	Hexa	PCB-132/161	2.00	2.65e+06	1.31 y	43:03	-	1.18
116	Hexa	PCB-153	1.00	1.37e+06	1.36 y	43:12	-	1.22
117	Hexa	PCB-168	1.00	1.65e+06	1.27 y	43:25	-	1.47
118	Hexa	PCB-141	1.00	1.20e+06	1.22 y	43:57	-	1.25
119	Hexa	PCB-137	1.00	1.30e+06	1.22 y	44:19	-	1.35
120	Hexa	PCB-130	1.00	9.89e+05	1.17 y	44:26	-	1.03
121	Hexa	PCB-138/163/164	3.00	4.27e+06	1.24 y	44:48	-	1.42
122	Hexa	PCB-158/160	2.00	3.09e+06	1.29 y	45:03	-	1.54
123	Hexa	PCB-129	1.00	1.09e+06	1.16 y	45:17	-	1.09
124	Hexa	PCB-166	1.00	1.61e+06	1.17 y	45:44	-	1.32
125	Hexa	PCB-159	1.00	1.71e+06	1.31 y	46:05	-	1.40
126	Hexa	PCB-128/162	2.00	2.69e+06	1.27 y	46:21	-	1.10
127	Hexa	PCB-167	1.00	1.69e+06	1.29 y	46:45	-	1.35
128	Hexa	PCB-156	1.00	1.69e+06	1.21 y	48:01	-	1.40
129	Hexa	PCB-157	1.00	1.77e+06	1.26 y	48:18	-	1.47
130	Hexa	PCB-169	1.00	1.54e+06	1.26 y	50:29	-	1.27
131	Hepta	PCB-188	1.00	1.42e+06	1.14 y	42:51	-	1.66
132	Hepta	PCB-184	1.00	1.35e+06	1.15 y	43:18	-	1.57
133	Hepta	PCB-179	1.00	1.36e+06	1.13 y	44:04	-	1.58
134	Hepta	PCB-176	1.00	1.47e+06	1.02 y	44:32	-	1.72
135	Hepta	PCB-186	1.00	1.42e+06	1.17 y	45:09	-	1.66
136	Hepta	PCB-178	1.00	1.02e+06	1.14 y	45:38	-	1.19
137	Hepta	PCB-175	1.00	1.07e+06	1.11 y	45:59	-	1.25
138	Hepta	PCB-182/187	2.00	2.22e+06	1.07 y	46:09	-	1.30
139	Hepta	PCB-183	1.00	1.25e+06	0.96 y	46:28	-	1.45
140	Hepta	PCB-185	1.00	1.01e+06	1.09 y	47:08	-	1.70
141	Hepta	PCB-174	1.00	9.89e+05	0.99 y	47:29	-	1.66
142	Hepta	PCB-181	1.00	1.01e+06	1.04 y	47:36	-	1.70
143	Hepta	PCB-177	1.00	9.15e+05	0.98 y	47:45	-	1.54
144	Hepta	PCB-171	1.00	1.08e+06	1.11 y	48:03	-	1.82
145	Hepta	PCB-173	1.00	8.55e+05	1.01 y	48:28	-	1.44
146	Hepta	PCB-172	1.00	9.77e+05	1.04 y	48:56	-	1.64
147	Hepta	PCB-192	1.00	1.29e+06	0.98 y	49:07	-	2.18
148	Hepta	PCB-180	1.00	1.07e+06	1.07 y	49:20	-	1.80
149	Hepta	PCB-193	1.00	1.33e+06	1.00 y	49:32	-	2.24
150	Hepta	PCB-191	1.00	1.45e+06	1.13 y	49:47	-	2.43
151	Hepta	PCB-170	1.00	1.02e+06	0.92 y	50:55	-	1.96
152	Hepta	PCB-190	1.00	1.35e+06	1.04 y	51:06	-	2.60
153	Hepta	PCB-189	1.00	1.29e+06	0.91 y	52:32	-	1.95
154	Octa	PCB-202	1.00	9.05e+05	0.92 y	48:15	-	1.21
155	Octa	PCB-201	1.00	9.95e+05	0.96 y	48:44	-	1.33
156	Octa	PCB-204	1.00	9.68e+05	0.86 y	48:52	-	1.29
157	Octa	PCB-197	1.00	1.07e+06	0.79 y	49:11	-	1.43
158	Octa	PCB-200	1.00	9.26e+05	1.01 y	50:05	-	1.24
159	Octa	PCB-198	1.00	7.02e+05	1.00 y	51:33	-	0.94
160	Octa	PCB-199	1.00	6.36e+05	1.02 y	51:40	-	0.85
161	Octa	PCB-196/203	2.00	1.44e+06	0.86 y	51:57	-	0.96
162	Octa	PCB-195	1.00	7.85e+05	0.92 y	53:12	-	1.17
163	Octa	PCB-194	1.00	8.36e+05	0.89 y	54:06	-	1.24

164	Octa	PCB-205	1.00	1.14e+06	0.93	y	54:22	-	1.70
165	Nona	PCB-208	1.00	1.09e+06	1.34	y	53:21	-	1.15
166	Nona	PCB-207	1.00	1.11e+06	1.35	y	53:41	-	1.16
167	Nona	PCB-206	1.00	7.00e+05	1.25	y	55:40	-	1.00
168	Deca	PCB-209	1.00	9.90e+05	1.26	y	56:59	-	1.52
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.16
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.23
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.34

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.28
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.23
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.42
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.38
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.15
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.24
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.64
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.13
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.37
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.11
182	Tot ╗	Total Deca-PCB	1.00	9.90e+05	1.26	y	56:59	-	1.52
183	Mono╗	13C-PCB-1	100.00	2.33e+08	3.23	y	16:03	-	1.29
184	Mono╗	13C-PCB-3	100.00	2.30e+08	3.19	y	18:40	-	1.28
185	Di-IS	13C-PCB-4	100.00	1.23e+08	1.58	y	20:01	-	0.68
186	Di-IS	13C-PCB-9	100.00	1.80e+08	1.58	y	21:49	-	1.00
187	Di-IS	13C-PCB-11	100.00	1.73e+08	1.56	y	25:12	-	0.96
188	Tri-╗	13C-PCB-19	100.00	1.19e+08	1.07	y	24:11	-	0.66
189	Tri-╗	13C-PCB-32	100.00	1.64e+08	1.07	y	27:06	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.57e+08	1.05	y	29:04	-	1.01
191	Tri-╗	13C-PCB-37	100.00	1.50e+08	1.05	y	32:56	-	0.96
192	Tetr╗	13C-PCB-54	100.00	1.61e+08	0.80	y	27:56	-	1.04
193	Tetr╗	13C-PCB-52	100.00	1.24e+08	0.80	y	31:29	-	0.80
194	Tetr╗	13C-PCB-47	100.00	1.35e+08	0.79	y	31:59	-	0.87
195	Tetr╗	13C-PCB-70	100.00	1.56e+08	0.81	y	35:30	-	1.00
196	Tetr╗	13C-PCB-80	100.00	1.56e+08	0.80	y	35:56	-	1.00
197	Tetr╗	13C-PCB-81	100.00	1.54e+08	0.79	y	39:01	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.44e+08	0.80	y	39:36	-	0.93
199	Pent╗	13C-PCB-104	100.00	1.03e+08	1.60	y	32:38	-	1.10
200	Pent╗	13C-PCB-95	100.00	7.84e+07	1.62	y	35:48	-	0.84
201	Pent╗	13C-PCB-101	100.00	7.57e+07	1.63	y	37:29	-	0.81
202	Pent╗	13C-PCB-97	100.00	6.53e+07	1.60	y	38:47	-	0.70
203	Pent╗	13C-PCB-123	100.00	8.98e+07	1.60	y	41:21	-	0.96
204	Pent╗	13C-PCB-118	100.00	9.02e+07	1.63	y	41:31	-	0.96
205	Pent╗	13C-PCB-114	100.00	1.02e+08	1.59	y	42:11	-	1.16
206	Pent╗	13C-PCB-105	100.00	1.01e+08	1.57	y	43:02	-	1.15
207	Pent╗	13C-PCB-127	100.00	1.09e+08	1.58	y	43:23	-	1.24
208	Pent╗	13C-PCB-126	100.00	1.02e+08	1.60	y	45:16	-	1.15
209	Hexa╗	13C-PCB-155	100.00	7.01e+07	1.29	y	37:02	-	0.75
210	Hexa╗	13C-PCB-153	100.00	1.12e+08	1.24	y	43:12	-	1.27
211	Hexa╗	13C-PCB-141	100.00	9.63e+07	1.24	y	43:56	-	1.09
212	Hexa	13C-PCB-138	100.00	1.00e+08	1.26	y	44:46	-	1.14
213	Hexa╗	13C-PCB-159	100.00	1.22e+08	1.25	y	46:03	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.25e+08	1.28	y	46:44	-	1.42
215	Hexa╗	13C-PCB-156	100.00	1.21e+08	1.26	y	48:01	-	1.37
216	Hexa╗	13C-PCB-157	100.00	1.21e+08	1.29	y	48:17	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.22e+08	1.26	y	50:29	-	1.38
218	Hept╗	13C-PCB-188	100.00	8.57e+07	0.46	y	42:50	-	1.40
219	Hept╗	13C-PCB-180	100.00	5.95e+07	0.48	y	49:18	-	0.97
220	Hept╗	13C-PCB-170	100.00	5.20e+07	0.47	y	50:54	-	0.85
221	Hept╗	13C-PCB-189	100.00	6.64e+07	0.47	y	52:31	-	1.09
222	Octa╗	13C-PCB-202	100.00	7.49e+07	0.93	y	48:14	-	1.23

223	Octa╗	13C-PCB-194	100.00	6.72e+07	0.90	y	54:05	-	0.76
224	Nona╗	13C-PCB-208	100.00	9.54e+07	0.77	y	53:20	-	1.08
225	Nona╗	13C-PCB-206	100.00	6.97e+07	0.77	y	55:39	-	0.79
226	Deca╗	13C-PCB-209	100.00	6.52e+07	1.22	y	56:58	-	0.74
227	DI-RS	13C-PCB-15	100.00	1.80e+08	1.58	y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.56e+08	1.05	y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.56e+08	0.80	y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	9.38e+07	1.60	y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	8.81e+07	1.28	y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	6.11e+07	0.47	y	46:09	-	1.00

233	Octa¶	13C-PCB-205	100.00	8.80e+07	0.91 y	54:21	-	1.00
234	CRS	13C-PCB-79	100.00	1.57e+08	0.80 y	37:48	-	1.01
235	CRS	13C-PCB-178	100.00	5.57e+07	0.47 y	45:37	-	0.91
236	PS	13C-PCB-79	100.00	1.57e+08	0.80 y	37:48	-	1.02
237	PS	13C-PCB-178	100.00	5.57e+07	0.47 y	45:37	-	0.94

Filename: 171027E1 S: 3 Acquired: 27-OCT-17 12:37:50
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-3 PCB CS2 17C0310

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	2.50	6.25e+06	3.06 y	16:03	-	1.18
2	Mono	PCB-2	2.50	6.43e+06	3.00 y	18:27	-	1.11
3	Mono	PCB-3	2.50	6.68e+06	3.12 y	18:41	-	1.15
4	Di	PCB-4/10	5.00	8.58e+06	1.52 y	20:04	-	1.46
5	Di	PCB-7/9	5.00	1.03e+07	1.54 y	21:51	-	1.18
6	Di	PCB-6	2.50	4.75e+06	1.53 y	22:30	-	1.09
7	Di	PCB-5/8	5.00	1.01e+07	1.60 y	22:55	-	1.16
8	Di	PCB-14	2.50	5.88e+06	1.57 y	24:01	-	1.45
9	Di	PCB-11	2.50	4.94e+06	1.53 y	25:13	-	1.21
10	Di	PCB-12/13	5.00	9.55e+06	1.56 y	25:37	-	1.17
11	Di	PCB-15	2.50	5.36e+06	1.55 y	25:55	-	1.32
12	Tri	PCB-19	2.50	3.60e+06	1.05 y	24:12	-	1.30
13	Tri	PCB-30	2.50	5.61e+06	1.04 y	25:06	-	2.02
14	Tri	PCB-18	2.50	3.84e+06	1.02 y	25:51	-	0.99
15	Tri	PCB-17	2.50	4.19e+06	1.01 y	26:01	-	1.08
16	Tri	PCB-24/27	5.00	1.08e+07	1.05 y	26:36	-	1.39
17	Tri	PCB-16/32	5.00	8.93e+06	1.06 y	27:06	-	1.15
18	Tri	PCB-34	2.50	4.69e+06	1.05 y	27:54	-	1.31
19	Tri	PCB-23	2.50	4.56e+06	1.06 y	28:00	-	1.27
20	Tri	PCB-29	2.50	4.85e+06	1.10 y	28:15	-	1.35
21	Tri	PCB-26	2.50	4.60e+06	1.02 y	28:27	-	1.28
22	Tri	PCB-25	2.50	4.32e+06	1.05 y	28:37	-	1.20
23	Tri	PCB-31	2.50	5.22e+06	1.08 y	28:59	-	1.46
24	Tri	PCB-28	2.50	4.61e+06	1.05 y	29:05	-	1.29
25	Tri	PCB-20/21/33	7.50	1.38e+07	1.07 y	29:41	-	1.28
26	Tri	PCB-22	2.50	4.53e+06	1.05 y	30:08	-	1.26
27	Tri	PCB-36	2.50	4.57e+06	1.08 y	30:45	-	1.27
28	Tri	PCB-39	2.50	4.97e+06	1.04 y	31:13	-	1.38
29	Tri	PCB-38	2.50	4.31e+06	1.07 y	32:00	-	1.20
30	Tri	PCB-35	2.50	4.33e+06	1.03 y	32:30	-	1.20
31	Tri	PCB-37	2.50	4.99e+06	1.09 y	32:57	-	1.39
32	Tetra	PCB-54	2.50	4.53e+06	0.78 y	27:58	-	1.20
33	Tetra	PCB-50	2.50	3.52e+06	0.76 y	29:08	-	0.93
34	Tetra	PCB-53	2.50	3.51e+06	0.79 y	29:47	-	1.18
35	Tetra	PCB-51	2.50	3.74e+06	0.79 y	30:07	-	1.25
36	Tetra	PCB-45	2.50	3.13e+06	0.82 y	30:33	-	1.05
37	Tetra	PCB-46	2.50	3.04e+06	0.77 y	31:02	-	1.02
38	Tetra	PCB-52/69	5.00	7.94e+06	0.81 y	31:31	-	1.33
39	Tetra	PCB-73	2.50	4.40e+06	0.71 y	31:38	-	1.48
40	Tetra	PCB-43/49	5.00	6.95e+06	0.80 y	31:48	-	1.17
41	Tetra	PCB-47	2.50	3.71e+06	0.75 y	32:00	-	1.15

42	Tetra	PCB-48/75	5.00	8.46e+06	0.78 y	32:07	-	1.31
43	Tetra	PCB-65	2.50	3.95e+06	0.75 y	32:22	-	1.22
44	Tetra	PCB-62	2.50	4.32e+06	0.78 y	32:29	-	1.34
45	Tetra	PCB-44	2.50	3.07e+06	0.76 y	32:47	-	0.95
46	Tetra	PCB-42/59	5.00	8.27e+06	0.73 y	33:01	-	1.28
47	Tetra	PCB-41/64/71/72	10.00	1.69e+07	0.77 y	33:37	-	1.31
48	Tetra	PCB-68	2.50	4.90e+06	0.83 y	33:52	-	1.52
49	Tetra	PCB-40	2.50	2.75e+06	0.80 y	34:05	-	0.85
50	Tetra	PCB-57	2.50	4.50e+06	0.74 y	34:27	-	1.20
51	Tetra	PCB-67	2.50	4.79e+06	0.71 y	34:45	-	1.28
52	Tetra	PCB-58	2.50	4.70e+06	0.75 y	34:52	-	1.26

53	Tetra	PCB-63	2.50	4.73e+06	0.76 y	35:02	-	1.27
54	Tetra	PCB-74	2.50	4.69e+06	0.82 y	35:19	-	1.25
55	Tetra	PCB-61/70	5.00	9.04e+06	0.76 y	35:29	-	1.21
56	Tetra	PCB-76/66	5.00	9.21e+06	0.76 y	35:42	-	1.23
57	Tetra	PCB-80	2.50	5.39e+06	0.77 y	35:57	-	1.42
58	Tetra	PCB-55	2.50	4.87e+06	0.82 y	36:15	-	1.29
59	Tetra	PCB-56/60	5.00	9.13e+06	0.73 y	36:45	-	1.21
60	Tetra	PCB-79	2.50	4.72e+06	0.81 y	37:49	-	1.25
61	Tetra	PCB-78	2.50	4.49e+06	0.78 y	38:31	-	1.21
62	Tetra	PCB-81	2.50	4.92e+06	0.77 y	39:02	-	1.32
63	Tetra	PCB-77	2.50	4.66e+06	0.78 y	39:38	-	1.29
64	Penta	PCB-104	2.50	3.50e+06	1.56 y	32:40	-	1.45
65	Penta	PCB-96	2.50	2.96e+06	1.63 y	33:55	-	1.23
66	Penta	PCB-103	2.50	2.72e+06	1.71 y	34:27	-	1.13
67	Penta	PCB-100	2.50	2.81e+06	1.67 y	34:48	-	1.16
68	Penta	PCB-94	2.50	2.29e+06	1.64 y	35:16	-	1.24
69	Penta	PCB-95/98/102	7.50	7.53e+06	1.59 y	35:46	-	1.36
70	Penta	PCB-93	2.50	2.35e+06	1.61 y	35:54	-	1.28
71	Penta	PCB-88/91	5.00	4.54e+06	1.59 y	36:11	-	1.23
72	Penta	PCB-121	2.50	3.48e+06	1.63 y	36:18	-	1.89
73	Penta	PCB-84/92	5.00	4.58e+06	1.63 y	37:08	-	1.25
74	Penta	PCB-89	2.50	2.35e+06	1.61 y	37:18	-	1.28
75	Penta	PCB-90/101	5.00	5.23e+06	1.64 y	37:29	-	1.42
76	Penta	PCB-113	2.50	3.09e+06	1.54 y	37:44	-	1.68
77	Penta	PCB-99	2.50	2.68e+06	1.58 y	37:50	-	1.46
78	Penta	PCB-119	2.50	3.53e+06	1.57 y	38:17	-	2.20
79	Penta	PCB-108/112	5.00	5.31e+06	1.61 y	38:26	-	1.66
80	Penta	PCB-83	2.50	3.28e+06	1.63 y	38:36	-	2.05
81	Penta	PCB-97	2.50	2.48e+06	1.72 y	38:48	-	1.55
82	Penta	PCB-86	2.50	1.85e+06	1.56 y	38:56	-	1.15
83	Penta	PCB-87/117/125	7.50	8.95e+06	1.61 y	39:04	-	1.86
84	Penta	PCB-111/115	5.00	7.17e+06	1.61 y	39:14	-	2.24
85	Penta	PCB-85/116	5.00	4.76e+06	1.57 y	39:21	-	1.49
86	Penta	PCB-120	2.50	3.71e+06	1.62 y	39:35	-	2.32
87	Penta	PCB-110	2.50	3.16e+06	1.61 y	39:45	-	1.97
88	Penta	PCB-82	2.50	2.04e+06	1.48 y	40:21	-	0.91
89	Penta	PCB-124	2.50	3.31e+06	1.66 y	41:02	-	1.48
90	Penta	PCB-107/109	5.00	6.56e+06	1.58 y	41:11	-	1.47
91	Penta	PCB-123	2.50	3.44e+06	1.77 y	41:21	-	1.54
92	Penta	PCB-106/118	5.00	6.93e+06	1.59 y	41:34	-	1.54
93	Penta	PCB-114	2.50	3.69e+06	1.63 y	42:11	-	1.46
94	Penta	PCB-122	2.50	3.20e+06	1.64 y	42:19	-	1.26
95	Penta	PCB-105	2.50	3.75e+06	1.60 y	43:02	-	1.50
96	Penta	PCB-127	2.50	3.39e+06	1.63 y	43:23	-	1.24
97	Penta	PCB-126	2.50	3.42e+06	1.52 y	45:16	-	1.38
98	Hexa	PCB-155	2.50	2.58e+06	1.34 y	37:03	-	1.45
99	Hexa	PCB-150	2.50	2.41e+06	1.38 y	38:18	-	1.36
100	Hexa	PCB-152	2.50	2.36e+06	1.35 y	38:47	-	1.33
101	Hexa	PCB-145	2.50	2.21e+06	1.21 y	39:14	-	1.24
102	Hexa	PCB-136	2.50	2.32e+06	1.37 y	39:33	-	1.30

103	Hexa	PCB-148	2.50	1.64e+06	1.36	y	39:40	-	0.92
104	Hexa	PCB-154	2.50	1.91e+06	1.35	y	40:09	-	1.07
105	Hexa	PCB-151	2.50	1.75e+06	1.28	y	40:47	-	0.99
106	Hexa	PCB-135	2.50	1.76e+06	1.29	y	41:00	-	0.99
107	Hexa	PCB-144	2.50	1.75e+06	1.10	y	41:07	-	0.98
108	Hexa	PCB-147	2.50	1.60e+06	1.26	y	41:14	-	0.90
109	Hexa	PCB-139/149	5.00	3.78e+06	1.30	y	41:30	-	1.06
110	Hexa	PCB-140	2.50	1.79e+06	1.37	y	41:41	-	1.00
111	Hexa	PCB-134/143	5.00	5.39e+06	1.20	y	42:07	-	0.94
112	Hexa	PCB-131/133	5.00	5.29e+06	1.22	y	42:25	-	0.92
113	Hexa	PCB-142	2.50	2.59e+06	1.24	y	42:33	-	0.91

114	Hexa	PCB-146/165	5.00	6.52e+06	1.23 y	42:47	-	1.14
115	Hexa	PCB-132/161	5.00	6.55e+06	1.26 y	43:02	-	1.15
116	Hexa	PCB-153	2.50	3.39e+06	1.25 y	43:13	-	1.19
117	Hexa	PCB-168	2.50	4.12e+06	1.19 y	43:25	-	1.44
118	Hexa	PCB-141	2.50	3.06e+06	1.25 y	43:57	-	1.29
119	Hexa	PCB-137	2.50	3.21e+06	1.20 y	44:20	-	1.35
120	Hexa	PCB-130	2.50	2.54e+06	1.16 y	44:25	-	1.07
121	Hexa	PCB-138/163/164	7.50	1.06e+07	1.22 y	44:49	-	1.41
122	Hexa	PCB-158/160	5.00	7.55e+06	1.28 y	45:02	-	1.50
123	Hexa	PCB-129	2.50	2.74e+06	1.29 y	45:16	-	1.09
124	Hexa	PCB-166	2.50	3.84e+06	1.22 y	45:44	-	1.29
125	Hexa	PCB-159	2.50	4.15e+06	1.23 y	46:04	-	1.39
126	Hexa	PCB-128/162	5.00	6.93e+06	1.27 y	46:21	-	1.16
127	Hexa	PCB-167	2.50	4.00e+06	1.28 y	46:44	-	1.30
128	Hexa	PCB-156	2.50	4.17e+06	1.23 y	48:02	-	1.38
129	Hexa	PCB-157	2.50	4.20e+06	1.23 y	48:18	-	1.39
130	Hexa	PCB-169	2.50	3.89e+06	1.23 y	50:30	-	1.30
131	Hepta	PCB-188	2.50	3.59e+06	1.08 y	42:51	-	1.71
132	Hepta	PCB-184	2.50	3.28e+06	1.16 y	43:17	-	1.56
133	Hepta	PCB-179	2.50	3.20e+06	1.05 y	44:04	-	1.52
134	Hepta	PCB-176	2.50	3.42e+06	1.07 y	44:32	-	1.63
135	Hepta	PCB-186	2.50	3.38e+06	1.04 y	45:08	-	1.61
136	Hepta	PCB-178	2.50	2.60e+06	1.06 y	45:38	-	1.24
137	Hepta	PCB-175	2.50	2.57e+06	1.18 y	45:59	-	1.22
138	Hepta	PCB-182/187	5.00	5.49e+06	1.03 y	46:09	-	1.31
139	Hepta	PCB-183	2.50	2.80e+06	1.07 y	46:28	-	1.33
140	Hepta	PCB-185	2.50	2.61e+06	1.16 y	47:07	-	1.77
141	Hepta	PCB-174	2.50	2.18e+06	1.08 y	47:28	-	1.48
142	Hepta	PCB-181	2.50	2.53e+06	1.12 y	47:35	-	1.72
143	Hepta	PCB-177	2.50	2.38e+06	1.04 y	47:45	-	1.62
144	Hepta	PCB-171	2.50	2.67e+06	1.07 y	48:03	-	1.81
145	Hepta	PCB-173	2.50	2.10e+06	1.07 y	48:28	-	1.43
146	Hepta	PCB-172	2.50	2.46e+06	1.04 y	48:55	-	1.67
147	Hepta	PCB-192	2.50	2.99e+06	1.08 y	49:06	-	2.03
148	Hepta	PCB-180	2.50	2.47e+06	1.04 y	49:19	-	1.67
149	Hepta	PCB-193	2.50	3.40e+06	1.04 y	49:31	-	2.31
150	Hepta	PCB-191	2.50	3.48e+06	1.14 y	49:47	-	2.36
151	Hepta	PCB-170	2.50	2.44e+06	1.06 y	50:54	-	1.88
152	Hepta	PCB-190	2.50	3.25e+06	1.08 y	51:06	-	2.51
153	Hepta	PCB-189	2.50	3.19e+06	1.05 y	52:31	-	1.87
154	Octa	PCB-202	2.50	2.23e+06	0.89 y	48:14	-	1.21
155	Octa	PCB-201	2.50	2.45e+06	0.96 y	48:43	-	1.32
156	Octa	PCB-204	2.50	2.31e+06	0.89 y	48:53	-	1.25
157	Octa	PCB-197	2.50	2.59e+06	0.90 y	49:11	-	1.40
158	Octa	PCB-200	2.50	2.36e+06	0.91 y	50:05	-	1.28
159	Octa	PCB-198	2.50	1.71e+06	0.90 y	51:33	-	0.92
160	Octa	PCB-199	2.50	1.62e+06	0.93 y	51:40	-	0.87
161	Octa	PCB-196/203	5.00	3.69e+06	0.96 y	51:57	-	1.00
162	Octa	PCB-195	2.50	1.98e+06	0.94 y	53:12	-	1.19
163	Octa	PCB-194	2.50	2.19e+06	0.88 y	54:05	-	1.32

164	Octa	PCB-205	2.50	2.71e+06	0.93 y	54:21	-	1.64
165	Nona	PCB-208	2.50	2.69e+06	1.40 y	53:21	-	1.12
166	Nona	PCB-207	2.50	2.76e+06	1.36 y	53:40	-	1.15
167	Nona	PCB-206	2.50	1.68e+06	1.34 y	55:39	-	0.98
168	Deca	PCB-209	2.50	2.38e+06	1.17 y	56:59	-	1.53
169	Tot ๊	Total Mono-PCB	0.00	-	- n	-	-	1.14
170	Tot ๊	Total Di-PCB	0.00	-	- n	-	-	1.23
171	Tot ๊	Total Tri-PCB	0.00	-	- n	-	-	1.31

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.29
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.21
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.43
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.37
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.12
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.21
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.62
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.14
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.38
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.09
182	Tot ╗	Total Deca-PCB	2.50	2.38e+06	1.17	y	56:59	-	1.53
183	Mono╗	13C-PCB-1	100.00	2.12e+08	3.24	y	16:02	-	1.24
184	Mono╗	13C-PCB-3	100.00	2.32e+08	3.22	y	18:40	-	1.36
185	Di-IS	13C-PCB-4	100.00	1.18e+08	1.59	y	20:01	-	0.69
186	Di-IS	13C-PCB-9	100.00	1.74e+08	1.58	y	21:49	-	1.02
187	Di-IS	13C-PCB-11	100.00	1.63e+08	1.57	y	25:12	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.11e+08	1.05	y	24:11	-	0.65
189	Tri-╗	13C-PCB-32	100.00	1.56e+08	1.07	y	27:06	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.43e+08	1.05	y	29:04	-	0.92
191	Tri-╗	13C-PCB-37	100.00	1.44e+08	1.06	y	32:56	-	0.93
192	Tetr╗	13C-PCB-54	100.00	1.51e+08	0.80	y	27:56	-	1.00
193	Tetr╗	13C-PCB-52	100.00	1.19e+08	0.81	y	31:29	-	0.79
194	Tetr╗	13C-PCB-47	100.00	1.29e+08	0.81	y	31:59	-	0.86
195	Tetr╗	13C-PCB-70	100.00	1.50e+08	0.79	y	35:30	-	0.99
196	Tetr╗	13C-PCB-80	100.00	1.51e+08	0.80	y	35:55	-	1.00
197	Tetr╗	13C-PCB-81	100.00	1.49e+08	0.80	y	39:01	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.44e+08	0.80	y	39:37	-	0.96
199	Pent╗	13C-PCB-104	100.00	9.66e+07	1.60	y	32:38	-	1.06
200	Pent╗	13C-PCB-95	100.00	7.36e+07	1.60	y	35:48	-	0.80
201	Pent╗	13C-PCB-101	100.00	7.35e+07	1.60	y	37:29	-	0.80
202	Pent╗	13C-PCB-97	100.00	6.40e+07	1.62	y	38:47	-	0.70
203	Pent╗	13C-PCB-123	100.00	8.93e+07	1.60	y	41:20	-	0.98
204	Pent╗	13C-PCB-118	100.00	9.03e+07	1.61	y	41:31	-	0.99
205	Pent╗	13C-PCB-114	100.00	1.01e+08	1.60	y	42:10	-	1.15
206	Pent╗	13C-PCB-105	100.00	1.00e+08	1.56	y	43:02	-	1.14
207	Pent╗	13C-PCB-127	100.00	1.09e+08	1.59	y	43:22	-	1.24
208	Pent╗	13C-PCB-126	100.00	9.94e+07	1.60	y	45:15	-	1.13
209	Hexa╗	13C-PCB-155	100.00	7.12e+07	1.29	y	37:02	-	0.78
210	Hexa╗	13C-PCB-153	100.00	1.14e+08	1.24	y	43:11	-	1.30
211	Hexa╗	13C-PCB-141	100.00	9.51e+07	1.28	y	43:55	-	1.08
212	Hexa	13C-PCB-138	100.00	1.01e+08	1.26	y	44:46	-	1.14
213	Hexa╗	13C-PCB-159	100.00	1.19e+08	1.25	y	46:03	-	1.36
214	Hexa╗	13C-PCB-167	100.00	1.23e+08	1.26	y	46:44	-	1.40
215	Hexa╗	13C-PCB-156	100.00	1.21e+08	1.28	y	48:01	-	1.38
216	Hexa╗	13C-PCB-157	100.00	1.21e+08	1.27	y	48:17	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.20e+08	1.27	y	50:29	-	1.36
218	Hept╗	13C-PCB-188	100.00	8.41e+07	0.46	y	42:49	-	1.38
219	Hept╗	13C-PCB-180	100.00	5.89e+07	0.47	y	49:18	-	0.97
220	Hept╗	13C-PCB-170	100.00	5.18e+07	0.46	y	50:53	-	0.85
221	Hept╗	13C-PCB-189	100.00	6.81e+07	0.46	y	52:30	-	1.12
222	Octa╗	13C-PCB-202	100.00	7.40e+07	0.91	y	48:13	-	1.21

223	Octa╗	13C-PCB-194	100.00	6.63e+07	0.90 y	54:04	-	0.76
224	Nona╗	13C-PCB-208	100.00	9.61e+07	0.77 y	53:20	-	1.10
225	Nona╗	13C-PCB-206	100.00	6.84e+07	0.77 y	55:38	-	0.78
226	Deca╗	13C-PCB-209	100.00	6.22e+07	1.22 y	56:58	-	0.71
227	DI-RS	13C-PCB-15	100.00	1.71e+08	1.55 y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.55e+08	1.03 y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.51e+08	0.80 y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	9.15e+07	1.60 y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	8.81e+07	1.28 y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	6.10e+07	0.47 y	46:08	-	1.00

233	Octa¶	13C-PCB-205	100.00	8.74e+07	0.92	y	54:21	-	1.00
234	CRS	13C-PCB-79	100.00	1.52e+08	0.79	y	37:48	-	1.01
235	CRS	13C-PCB-178	100.00	5.47e+07	0.46	y	45:37	-	0.90
236	PS	13C-PCB-79	100.00	1.52e+08	0.79	y	37:48	-	1.02
237	PS	13C-PCB-178	100.00	5.47e+07	0.46	y	45:37	-	0.93

Filename: 171027E1 S: 4 Acquired: 27-OCT-17 13:42:55
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-4 PCB CS3 17I0520

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	50.00	1.17e+08	2.97 y	16:03	-	1.09
2	Mono	PCB-2	50.00	1.07e+08	2.98 y	18:27	-	1.02
3	Mono	PCB-3	50.00	1.13e+08	2.97 y	18:41	-	1.07
4	Di	PCB-4/10	100.00	1.55e+08	1.57 y	20:04	-	1.39
5	Di	PCB-7/9	100.00	1.86e+08	1.58 y	21:51	-	1.10
6	Di	PCB-6	50.00	9.17e+07	1.55 y	22:30	-	1.08
7	Di	PCB-5/8	100.00	1.88e+08	1.55 y	22:55	-	1.11
8	Di	PCB-14	50.00	1.09e+08	1.57 y	24:01	-	1.34
9	Di	PCB-11	50.00	9.07e+07	1.57 y	25:13	-	1.12
10	Di	PCB-12/13	100.00	1.82e+08	1.54 y	25:36	-	1.12
11	Di	PCB-15	50.00	1.02e+08	1.55 y	25:55	-	1.25
12	Tri	PCB-19	50.00	6.71e+07	1.05 y	24:12	-	1.21
13	Tri	PCB-30	50.00	1.06e+08	1.04 y	25:06	-	1.91
14	Tri	PCB-18	50.00	7.11e+07	1.04 y	25:51	-	0.92
15	Tri	PCB-17	50.00	7.75e+07	1.04 y	26:01	-	1.01
16	Tri	PCB-24/27	100.00	2.04e+08	1.04 y	26:36	-	1.32
17	Tri	PCB-16/32	100.00	1.66e+08	1.04 y	27:06	-	1.08
18	Tri	PCB-34	50.00	8.52e+07	1.07 y	27:54	-	1.16
19	Tri	PCB-23	50.00	8.70e+07	1.06 y	28:00	-	1.18
20	Tri	PCB-29	50.00	8.94e+07	1.06 y	28:14	-	1.22
21	Tri	PCB-26	50.00	8.79e+07	1.06 y	28:28	-	1.20
22	Tri	PCB-25	50.00	8.09e+07	1.05 y	28:37	-	1.10
23	Tri	PCB-31	50.00	9.16e+07	1.06 y	28:59	-	1.25
24	Tri	PCB-28	50.00	8.62e+07	1.07 y	29:04	-	1.17
25	Tri	PCB-20/21/33	150.00	2.53e+08	1.05 y	29:42	-	1.15
26	Tri	PCB-22	50.00	8.13e+07	1.06 y	30:08	-	1.11
27	Tri	PCB-36	50.00	8.40e+07	1.06 y	30:45	-	1.22
28	Tri	PCB-39	50.00	8.86e+07	1.06 y	31:13	-	1.28
29	Tri	PCB-38	50.00	7.89e+07	1.06 y	31:59	-	1.14
30	Tri	PCB-35	50.00	7.98e+07	1.06 y	32:31	-	1.16
31	Tri	PCB-37	50.00	8.88e+07	1.05 y	32:57	-	1.28
32	Tetra	PCB-54	50.00	8.07e+07	0.78 y	27:57	-	1.08
33	Tetra	PCB-50	50.00	6.42e+07	0.78 y	29:08	-	0.86
34	Tetra	PCB-53	50.00	6.44e+07	0.78 y	29:46	-	1.13
35	Tetra	PCB-51	50.00	6.52e+07	0.77 y	30:07	-	1.14
36	Tetra	PCB-45	50.00	5.69e+07	0.78 y	30:33	-	1.00
37	Tetra	PCB-46	50.00	5.35e+07	0.78 y	31:02	-	0.94
38	Tetra	PCB-52/69	100.00	1.50e+08	0.77 y	31:31	-	1.31
39	Tetra	PCB-73	50.00	7.64e+07	0.80 y	31:38	-	1.34
40	Tetra	PCB-43/49	100.00	1.27e+08	0.77 y	31:48	-	1.11
41	Tetra	PCB-47	50.00	6.39e+07	0.78 y	32:00	-	1.02

42	Tetra	PCB-48/75	100.00	1.56e+08	0.79	y	32:07	-	1.25
43	Tetra	PCB-65	50.00	6.98e+07	0.78	y	32:22	-	1.12
44	Tetra	PCB-62	50.00	7.93e+07	0.79	y	32:29	-	1.27
45	Tetra	PCB-44	50.00	5.29e+07	0.78	y	32:48	-	0.85
46	Tetra	PCB-42/59	100.00	1.43e+08	0.79	y	33:01	-	1.14
47	Tetra	PCB-41/64/71/72	200.00	3.10e+08	0.78	y	33:37	-	1.24
48	Tetra	PCB-68	50.00	8.82e+07	0.78	y	33:52	-	1.41
49	Tetra	PCB-40	50.00	4.87e+07	0.79	y	34:04	-	0.78
50	Tetra	PCB-57	50.00	8.05e+07	0.78	y	34:27	-	1.10
51	Tetra	PCB-67	50.00	7.92e+07	0.77	y	34:45	-	1.08
52	Tetra	PCB-58	50.00	8.24e+07	0.78	y	34:52	-	1.13

53	Tetra	PCB-63	50.00	8.43e+07	0.78 y	35:01	-	1.15
54	Tetra	PCB-74	50.00	8.63e+07	0.77 y	35:18	-	1.18
55	Tetra	PCB-61/70	100.00	1.59e+08	0.78 y	35:28	-	1.09
56	Tetra	PCB-76/66	100.00	1.65e+08	0.78 y	35:42	-	1.13
57	Tetra	PCB-80	50.00	9.65e+07	0.77 y	35:56	-	1.33
58	Tetra	PCB-55	50.00	8.66e+07	0.77 y	36:15	-	1.19
59	Tetra	PCB-56/60	100.00	1.61e+08	0.78 y	36:45	-	1.11
60	Tetra	PCB-79	50.00	8.58e+07	0.78 y	37:48	-	1.18
61	Tetra	PCB-78	50.00	7.77e+07	0.78 y	38:30	-	1.08
62	Tetra	PCB-81	50.00	8.53e+07	0.78 y	39:02	-	1.19
63	Tetra	PCB-77	50.00	8.37e+07	0.79 y	39:37	-	1.23
64	Penta	PCB-104	50.00	6.31e+07	1.59 y	32:39	-	1.34
65	Penta	PCB-96	50.00	5.45e+07	1.60 y	33:54	-	1.16
66	Penta	PCB-103	50.00	4.93e+07	1.60 y	34:27	-	1.04
67	Penta	PCB-100	50.00	4.91e+07	1.57 y	34:49	-	1.04
68	Penta	PCB-94	50.00	4.11e+07	1.61 y	35:17	-	1.13
69	Penta	PCB-95/98/102	150.00	1.40e+08	1.59 y	35:45	-	1.28
70	Penta	PCB-93	50.00	3.71e+07	1.55 y	35:53	-	1.02
71	Penta	PCB-88/91	100.00	8.07e+07	1.58 y	36:10	-	1.11
72	Penta	PCB-121	50.00	6.46e+07	1.61 y	36:17	-	1.77
73	Penta	PCB-84/92	100.00	8.34e+07	1.61 y	37:07	-	1.19
74	Penta	PCB-89	50.00	4.02e+07	1.59 y	37:18	-	1.14
75	Penta	PCB-90/101	100.00	9.36e+07	1.60 y	37:29	-	1.33
76	Penta	PCB-113	50.00	5.30e+07	1.56 y	37:44	-	1.51
77	Penta	PCB-99	50.00	4.73e+07	1.63 y	37:49	-	1.35
78	Penta	PCB-119	50.00	6.15e+07	1.59 y	38:17	-	2.01
79	Penta	PCB-108/112	100.00	9.28e+07	1.58 y	38:26	-	1.52
80	Penta	PCB-83	50.00	5.61e+07	1.61 y	38:36	-	1.84
81	Penta	PCB-97	50.00	4.36e+07	1.59 y	38:47	-	1.43
82	Penta	PCB-86	50.00	3.21e+07	1.52 y	38:56	-	1.05
83	Penta	PCB-87/117/125	150.00	1.57e+08	1.60 y	39:03	-	1.71
84	Penta	PCB-111/115	100.00	1.25e+08	1.59 y	39:13	-	2.05
85	Penta	PCB-85/116	100.00	8.95e+07	1.60 y	39:20	-	1.46
86	Penta	PCB-120	50.00	6.51e+07	1.60 y	39:36	-	2.13
87	Penta	PCB-110	50.00	5.33e+07	1.60 y	39:44	-	1.74
88	Penta	PCB-82	50.00	3.46e+07	1.62 y	40:20	-	0.83
89	Penta	PCB-124	50.00	5.61e+07	1.58 y	41:03	-	1.35
90	Penta	PCB-107/109	100.00	1.18e+08	1.61 y	41:10	-	1.42
91	Penta	PCB-123	50.00	5.66e+07	1.59 y	41:21	-	1.37
92	Penta	PCB-106/118	100.00	1.19e+08	1.61 y	41:33	-	1.38
93	Penta	PCB-114	50.00	6.30e+07	1.57 y	42:11	-	1.33
94	Penta	PCB-122	50.00	5.47e+07	1.56 y	42:19	-	1.15
95	Penta	PCB-105	50.00	6.38e+07	1.57 y	43:03	-	1.34
96	Penta	PCB-127	50.00	5.78e+07	1.56 y	43:23	-	1.13
97	Penta	PCB-126	50.00	5.91e+07	1.60 y	45:16	-	1.24
98	Hexa	PCB-155	50.00	4.48e+07	1.30 y	37:03	-	1.36
99	Hexa	PCB-150	50.00	4.23e+07	1.30 y	38:18	-	1.29
100	Hexa	PCB-152	50.00	4.11e+07	1.30 y	38:46	-	1.25
101	Hexa	PCB-145	50.00	3.97e+07	1.31 y	39:12	-	1.21
102	Hexa	PCB-136	50.00	4.14e+07	1.28 y	39:32	-	1.26

103	Hexa	PCB-148	50.00	2.99e+07	1.33 y	39:38	-	0.91
104	Hexa	PCB-154	50.00	3.34e+07	1.30 y	40:08	-	1.02
105	Hexa	PCB-151	50.00	3.14e+07	1.30 y	40:47	-	0.95
106	Hexa	PCB-135	50.00	3.21e+07	1.27 y	40:59	-	0.98
107	Hexa	PCB-144	50.00	2.98e+07	1.27 y	41:06	-	0.91
108	Hexa	PCB-147	50.00	2.82e+07	1.30 y	41:14	-	0.86
109	Hexa	PCB-139/149	100.00	6.46e+07	1.29 y	41:30	-	0.98
110	Hexa	PCB-140	50.00	3.01e+07	1.29 y	41:40	-	0.92
111	Hexa	PCB-134/143	100.00	9.29e+07	1.20 y	42:06	-	0.87
112	Hexa	PCB-131/133	100.00	9.42e+07	1.23 y	42:25	-	0.88
113	Hexa	PCB-142	50.00	4.23e+07	1.21 y	42:34	-	0.79

114	Hexa	PCB-146/165	100.00	1.12e+08	1.22 y	42:48	-	1.05
115	Hexa	PCB-132/161	100.00	1.12e+08	1.22 y	43:02	-	1.05
116	Hexa	PCB-153	50.00	5.72e+07	1.23 y	43:12	-	1.07
117	Hexa	PCB-168	50.00	6.92e+07	1.21 y	43:25	-	1.30
118	Hexa	PCB-141	50.00	5.07e+07	1.20 y	43:56	-	1.15
119	Hexa	PCB-137	50.00	5.14e+07	1.22 y	44:19	-	1.17
120	Hexa	PCB-130	50.00	4.62e+07	1.24 y	44:25	-	1.05
121	Hexa	PCB-138/163/164	150.00	1.82e+08	1.23 y	44:48	-	1.27
122	Hexa	PCB-158/160	100.00	1.29e+08	1.22 y	45:02	-	1.35
123	Hexa	PCB-129	50.00	4.44e+07	1.22 y	45:17	-	0.93
124	Hexa	PCB-166	50.00	6.33e+07	1.21 y	45:44	-	1.13
125	Hexa	PCB-159	50.00	6.88e+07	1.22 y	46:03	-	1.23
126	Hexa	PCB-128/162	100.00	1.15e+08	1.23 y	46:21	-	1.03
127	Hexa	PCB-167	50.00	6.75e+07	1.25 y	46:45	-	1.19
128	Hexa	PCB-156	50.00	6.87e+07	1.22 y	48:01	-	1.24
129	Hexa	PCB-157	50.00	6.89e+07	1.23 y	48:17	-	1.22
130	Hexa	PCB-169	50.00	6.43e+07	1.22 y	50:29	-	1.14
131	Hepta	PCB-188	50.00	6.12e+07	1.07 y	42:50	-	1.55
132	Hepta	PCB-184	50.00	5.63e+07	1.07 y	43:18	-	1.42
133	Hepta	PCB-179	50.00	5.62e+07	1.05 y	44:04	-	1.42
134	Hepta	PCB-176	50.00	5.94e+07	1.06 y	44:32	-	1.50
135	Hepta	PCB-186	50.00	5.81e+07	1.06 y	45:08	-	1.47
136	Hepta	PCB-178	50.00	4.38e+07	1.07 y	45:38	-	1.11
137	Hepta	PCB-175	50.00	4.30e+07	1.06 y	45:59	-	1.09
138	Hepta	PCB-182/187	100.00	9.36e+07	1.05 y	46:09	-	1.18
139	Hepta	PCB-183	50.00	4.84e+07	1.06 y	46:28	-	1.22
140	Hepta	PCB-185	50.00	4.28e+07	1.05 y	47:07	-	1.59
141	Hepta	PCB-174	50.00	4.03e+07	1.04 y	47:29	-	1.50
142	Hepta	PCB-181	50.00	4.19e+07	1.06 y	47:35	-	1.56
143	Hepta	PCB-177	50.00	3.72e+07	1.07 y	47:45	-	1.38
144	Hepta	PCB-171	50.00	4.30e+07	1.07 y	48:02	-	1.60
145	Hepta	PCB-173	50.00	3.49e+07	1.07 y	48:28	-	1.30
146	Hepta	PCB-172	50.00	4.10e+07	1.06 y	48:55	-	1.52
147	Hepta	PCB-192	50.00	5.18e+07	1.06 y	49:07	-	1.92
148	Hepta	PCB-180	50.00	4.30e+07	1.07 y	49:19	-	1.60
149	Hepta	PCB-193	50.00	5.54e+07	1.07 y	49:31	-	2.06
150	Hepta	PCB-191	50.00	5.62e+07	1.06 y	49:46	-	2.09
151	Hepta	PCB-170	50.00	3.99e+07	1.05 y	50:55	-	1.70
152	Hepta	PCB-190	50.00	5.48e+07	1.05 y	51:06	-	2.34
153	Hepta	PCB-189	50.00	5.37e+07	1.07 y	52:32	-	1.72
154	Octa	PCB-202	50.00	3.68e+07	0.91 y	48:15	-	1.08
155	Octa	PCB-201	50.00	4.08e+07	0.90 y	48:44	-	1.20
156	Octa	PCB-204	50.00	3.79e+07	0.91 y	48:53	-	1.11
157	Octa	PCB-197	50.00	4.30e+07	0.90 y	49:12	-	1.26
158	Octa	PCB-200	50.00	3.89e+07	0.90 y	50:06	-	1.14
159	Octa	PCB-198	50.00	2.80e+07	0.88 y	51:34	-	0.82
160	Octa	PCB-199	50.00	2.74e+07	0.91 y	51:41	-	0.80
161	Octa	PCB-196/203	100.00	6.04e+07	0.89 y	51:58	-	0.89
162	Octa	PCB-195	50.00	3.39e+07	0.89 y	53:11	-	1.06
163	Octa	PCB-194	50.00	3.77e+07	0.90 y	54:05	-	1.18

164	Octa	PCB-205	50.00	4.77e+07	0.90	y	54:21	-	1.50
165	Nona	PCB-208	50.00	4.68e+07	1.33	y	53:21	-	1.03
166	Nona	PCB-207	50.00	4.70e+07	1.31	y	53:40	-	1.04
167	Nona	PCB-206	50.00	2.89e+07	1.31	y	55:38	-	0.88
168	Deca	PCB-209	50.00	4.11e+07	1.18	y	56:57	-	1.33
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.06
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.16
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.24

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.19
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.13
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.31
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.24
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.06
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.10
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.47
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.02
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.25
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.00
182	Tot ╗	Total Deca-PCB	50.00	4.11e+07	1.18	y	56:57	-	1.33
183	Mono╗	13C-PCB-1	100.00	2.14e+08	3.20	y	16:02	-	1.27
184	Mono╗	13C-PCB-3	100.00	2.11e+08	3.18	y	18:40	-	1.25
185	Di-IS	13C-PCB-4	100.00	1.11e+08	1.58	y	20:00	-	0.66
186	Di-IS	13C-PCB-9	100.00	1.69e+08	1.60	y	21:48	-	1.01
187	Di-IS	13C-PCB-11	100.00	1.63e+08	1.58	y	25:12	-	0.96
188	Tri-╗	13C-PCB-19	100.00	1.11e+08	1.07	y	24:11	-	0.66
189	Tri-╗	13C-PCB-32	100.00	1.54e+08	1.06	y	27:06	-	0.91
190	Tri-╗	13C-PCB-28	100.00	1.47e+08	1.04	y	29:04	-	0.99
191	Tri-╗	13C-PCB-37	100.00	1.38e+08	1.06	y	32:56	-	0.93
192	Tetr╗	13C-PCB-54	100.00	1.49e+08	0.80	y	27:56	-	1.03
193	Tetr╗	13C-PCB-52	100.00	1.14e+08	0.79	y	31:29	-	0.79
194	Tetr╗	13C-PCB-47	100.00	1.25e+08	0.79	y	31:59	-	0.86
195	Tetr╗	13C-PCB-70	100.00	1.46e+08	0.81	y	35:30	-	1.01
196	Tetr╗	13C-PCB-80	100.00	1.46e+08	0.79	y	35:55	-	1.00
197	Tetr╗	13C-PCB-81	100.00	1.44e+08	0.78	y	39:01	-	0.99
198	Tetr╗	13C-PCB-77	100.00	1.36e+08	0.81	y	39:36	-	0.94
199	Pent╗	13C-PCB-104	100.00	9.44e+07	1.57	y	32:38	-	1.08
200	Pent╗	13C-PCB-95	100.00	7.30e+07	1.60	y	35:48	-	0.84
201	Pent╗	13C-PCB-101	100.00	7.03e+07	1.60	y	37:29	-	0.81
202	Pent╗	13C-PCB-97	100.00	6.11e+07	1.63	y	38:46	-	0.70
203	Pent╗	13C-PCB-123	100.00	8.29e+07	1.59	y	41:20	-	0.95
204	Pent╗	13C-PCB-118	100.00	8.60e+07	1.61	y	41:31	-	0.99
205	Pent╗	13C-PCB-114	100.00	9.51e+07	1.59	y	42:10	-	1.17
206	Pent╗	13C-PCB-105	100.00	9.50e+07	1.62	y	43:02	-	1.17
207	Pent╗	13C-PCB-127	100.00	1.03e+08	1.62	y	43:22	-	1.26
208	Pent╗	13C-PCB-126	100.00	9.52e+07	1.56	y	45:16	-	1.17
209	Hexa╗	13C-PCB-155	100.00	6.57e+07	1.28	y	37:01	-	0.75
210	Hexa╗	13C-PCB-153	100.00	1.07e+08	1.25	y	43:12	-	1.31
211	Hexa╗	13C-PCB-141	100.00	8.81e+07	1.27	y	43:56	-	1.09
212	Hexa	13C-PCB-138	100.00	9.56e+07	1.26	y	44:46	-	1.18
213	Hexa╗	13C-PCB-159	100.00	1.12e+08	1.29	y	46:03	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.13e+08	1.24	y	46:44	-	1.39
215	Hexa╗	13C-PCB-156	100.00	1.11e+08	1.28	y	48:01	-	1.37
216	Hexa╗	13C-PCB-157	100.00	1.13e+08	1.26	y	48:17	-	1.39
217	Hexa╗	13C-PCB-169	100.00	1.13e+08	1.28	y	50:29	-	1.39
218	Hept╗	13C-PCB-188	100.00	7.91e+07	0.46	y	42:49	-	1.40
219	Hept╗	13C-PCB-180	100.00	5.39e+07	0.47	y	49:18	-	0.95
220	Hept╗	13C-PCB-170	100.00	4.69e+07	0.47	y	50:54	-	0.83
221	Hept╗	13C-PCB-189	100.00	6.24e+07	0.46	y	52:31	-	1.11
222	Octa╗	13C-PCB-202	100.00	6.82e+07	0.91	y	48:14	-	1.21

223	Octa╗	13C-PCB-194	100.00	6.38e+07	0.91 y	54:04	-	0.76
224	Nona╗	13C-PCB-208	100.00	9.04e+07	0.78 y	53:20	-	1.08
225	Nona╗	13C-PCB-206	100.00	6.55e+07	0.77 y	55:37	-	0.78
226	Deca╗	13C-PCB-209	100.00	6.18e+07	1.23 y	56:56	-	0.74
227	DI-RS	13C-PCB-15	100.00	1.69e+08	1.57 y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.48e+08	1.04 y	28:57	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.45e+08	0.79 y	36:43	-	1.00
230	Penta	13C-PCB-111	100.00	8.71e+07	1.59 y	39:12	-	1.00
231	Hexa╗	13C-PCB-128	100.00	8.12e+07	1.26 y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	5.65e+07	0.46 y	46:09	-	1.00

233	Octa¶	13C-PCB-205	100.00	8.39e+07	0.91 y	54:20	-	1.00
234	CRS	13C-PCB-79	100.00	1.50e+08	0.30 y	37:47	-	1.03
235	CRS	13C-PCB-178	100.00	5.28e+07	0.47 y	45:37	-	0.93
236	PS	13C-PCB-79	100.00	1.50e+08	0.80 y	37:47	-	1.04
237	PS	13C-PCB-178	100.00	5.28e+07	0.47 y	45:37	-	0.98

Filename: 171027E1 S: 5 Acquired: 27-OCT-17 14:47:57
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-5 PCB CS4 17C0312

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	400.00	8.88e+08	2.98 y	16:02	-	1.04
2	Mono	PCB-2	400.00	8.65e+08	3.02 y	18:26	-	1.03
3	Mono	PCB-3	400.00	8.57e+08	3.00 y	18:40	-	1.02
4	Di	PCB-4/10	800.00	1.15e+09	1.56 y	20:03	-	1.31
5	Di	PCB-7/9	800.00	1.38e+09	1.56 y	21:50	-	1.06
6	Di	PCB-6	400.00	6.73e+08	1.57 y	22:30	-	1.03
7	Di	PCB-5/8	800.00	1.39e+09	1.56 y	22:55	-	1.07
8	Di	PCB-14	400.00	8.18e+08	1.56 y	24:01	-	1.26
9	Di	PCB-11	400.00	7.01e+08	1.57 y	25:13	-	1.08
10	Di	PCB-12/13	800.00	1.42e+09	1.57 y	25:36	-	1.09
11	Di	PCB-15	400.00	7.78e+08	1.55 y	25:55	-	1.20
12	Tri	PCB-19	400.00	4.92e+08	1.05 y	24:11	-	1.15
13	Tri	PCB-30	400.00	7.81e+08	1.06 y	25:05	-	1.83
14	Tri	PCB-18	400.00	5.30e+08	1.04 y	25:51	-	0.86
15	Tri	PCB-17	400.00	5.80e+08	1.04 y	26:01	-	0.94
16	Tri	PCB-24/27	800.00	1.55e+09	1.05 y	26:36	-	1.26
17	Tri	PCB-16/32	800.00	1.26e+09	1.05 y	27:06	-	1.02
18	Tri	PCB-34	400.00	6.56e+08	1.05 y	27:54	-	1.12
19	Tri	PCB-23	400.00	6.77e+08	1.07 y	28:00	-	1.15
20	Tri	PCB-29	400.00	6.93e+08	1.06 y	28:14	-	1.18
21	Tri	PCB-26	400.00	6.83e+08	1.06 y	28:27	-	1.16
22	Tri	PCB-25	400.00	6.37e+08	1.05 y	28:37	-	1.09
23	Tri	PCB-31	400.00	7.32e+08	1.05 y	28:59	-	1.25
24	Tri	PCB-28	400.00	6.63e+08	1.07 y	29:04	-	1.13
25	Tri	PCB-20/21/33	1200.00	2.05e+09	1.06 y	29:41	-	1.16
26	Tri	PCB-22	400.00	6.65e+08	1.05 y	30:08	-	1.13
27	Tri	PCB-36	400.00	6.83e+08	1.06 y	30:44	-	1.16
28	Tri	PCB-39	400.00	7.13e+08	1.06 y	31:13	-	1.21
29	Tri	PCB-38	400.00	6.49e+08	1.07 y	31:59	-	1.10
30	Tri	PCB-35	400.00	6.63e+08	1.06 y	32:31	-	1.12
31	Tri	PCB-37	400.00	7.31e+08	1.06 y	32:57	-	1.24
32	Tetra	PCB-54	400.00	5.99e+08	0.78 y	27:57	-	1.01
33	Tetra	PCB-50	400.00	4.96e+08	0.77 y	29:07	-	0.83
34	Tetra	PCB-53	400.00	5.01e+08	0.77 y	29:46	-	1.07
35	Tetra	PCB-51	400.00	5.07e+08	0.78 y	30:07	-	1.08
36	Tetra	PCB-45	400.00	4.47e+08	0.78 y	30:32	-	0.95
37	Tetra	PCB-46	400.00	4.17e+08	0.78 y	31:01	-	0.89
38	Tetra	PCB-52/69	800.00	1.18e+09	0.77 y	31:31	-	1.26
39	Tetra	PCB-73	400.00	6.03e+08	0.80 y	31:38	-	1.28
40	Tetra	PCB-43/49	800.00	1.01e+09	0.77 y	31:48	-	1.08
41	Tetra	PCB-47	400.00	5.10e+08	0.77 y	31:59	-	0.98

42	Tetra	PCB-48/75	800.00	1.26e+09	0.78	y	32:06	-	1.21
43	Tetra	PCB-65	400.00	6.21e+08	0.78	y	32:22	-	1.19
44	Tetra	PCB-62	400.00	5.75e+08	0.78	y	32:29	-	1.10
45	Tetra	PCB-44	400.00	4.19e+08	0.78	y	32:47	-	0.81
46	Tetra	PCB-42/59	800.00	1.15e+09	0.78	y	33:01	-	1.11
47	Tetra	PCB-41/64/71/72	1600.00	2.55e+09	0.78	y	33:36	-	1.22
48	Tetra	PCB-68	400.00	7.20e+08	0.78	y	33:52	-	1.38
49	Tetra	PCB-40	400.00	3.84e+08	0.79	y	34:04	-	0.74
50	Tetra	PCB-57	400.00	6.51e+08	0.78	y	34:26	-	1.04
51	Tetra	PCB-67	400.00	6.53e+08	0.77	y	34:44	-	1.04
52	Tetra	PCB-58	400.00	6.82e+08	0.78	y	34:52	-	1.09

53	Tetra	PCB-63	400.00	7.05e+08	0.77 y	35:01	-	1.13
54	Tetra	PCB-74	400.00	7.17e+08	0.77 y	35:18	-	1.15
55	Tetra	PCB-61/70	800.00	1.31e+09	0.78 y	35:28	-	1.05
56	Tetra	PCB-76/66	800.00	1.39e+09	0.78 y	35:41	-	1.11
57	Tetra	PCB-80	400.00	7.94e+08	0.78 y	35:56	-	1.28
58	Tetra	PCB-55	400.00	7.31e+08	0.78 y	36:15	-	1.18
59	Tetra	PCB-56/60	800.00	1.36e+09	0.78 y	36:45	-	1.09
60	Tetra	PCB-79	400.00	7.24e+08	0.78 y	37:48	-	1.16
61	Tetra	PCB-78	400.00	6.71e+08	0.78 y	38:30	-	1.05
62	Tetra	PCB-81	400.00	7.38e+08	0.78 y	39:01	-	1.16
63	Tetra	PCB-77	400.00	7.39e+08	0.79 y	39:37	-	1.20
64	Penta	PCB-104	400.00	4.77e+08	1.59 y	32:39	-	1.28
65	Penta	PCB-96	400.00	4.24e+08	1.61 y	33:54	-	1.14
66	Penta	PCB-103	400.00	3.91e+08	1.59 y	34:27	-	1.05
67	Penta	PCB-100	400.00	3.94e+08	1.59 y	34:49	-	1.06
68	Penta	PCB-94	400.00	3.28e+08	1.60 y	35:17	-	1.09
69	Penta	PCB-95/98/102	1200.00	1.13e+09	1.58 y	35:45	-	1.25
70	Penta	PCB-93	400.00	2.83e+08	1.63 y	35:53	-	0.94
71	Penta	PCB-88/91	800.00	6.44e+08	1.57 y	36:10	-	1.07
72	Penta	PCB-121	400.00	5.38e+08	1.61 y	36:17	-	1.78
73	Penta	PCB-84/92	800.00	6.86e+08	1.59 y	37:07	-	1.14
74	Penta	PCB-89	400.00	3.26e+08	1.60 y	37:18	-	1.08
75	Penta	PCB-90/101	800.00	7.73e+08	1.59 y	37:29	-	1.28
76	Penta	PCB-113	400.00	4.25e+08	1.57 y	37:44	-	1.41
77	Penta	PCB-99	400.00	4.03e+08	1.60 y	37:49	-	1.34
78	Penta	PCB-119	400.00	5.21e+08	1.59 y	38:17	-	1.99
79	Penta	PCB-108/112	800.00	7.62e+08	1.59 y	38:26	-	1.45
80	Penta	PCB-83	400.00	4.71e+08	1.60 y	38:36	-	1.80
81	Penta	PCB-97	400.00	3.55e+08	1.60 y	38:47	-	1.35
82	Penta	PCB-86	400.00	3.00e+08	1.55 y	38:56	-	1.15
83	Penta	PCB-87/117/125	1200.00	1.32e+09	1.60 y	39:04	-	1.68
84	Penta	PCB-111/115	800.00	1.01e+09	1.58 y	39:13	-	1.93
85	Penta	PCB-85/116	800.00	7.53e+08	1.60 y	39:20	-	1.44
86	Penta	PCB-120	400.00	5.52e+08	1.59 y	39:36	-	2.11
87	Penta	PCB-110	400.00	4.54e+08	1.60 y	39:44	-	1.73
88	Penta	PCB-82	400.00	2.86e+08	1.59 y	40:22	-	0.80
89	Penta	PCB-124	400.00	4.70e+08	1.56 y	41:03	-	1.32
90	Penta	PCB-107/109	800.00	1.02e+09	1.59 y	41:11	-	1.43
91	Penta	PCB-123	400.00	4.69e+08	1.59 y	41:21	-	1.32
92	Penta	PCB-106/118	800.00	1.03e+09	1.59 y	41:33	-	1.34
93	Penta	PCB-114	400.00	5.52e+08	1.54 y	42:11	-	1.27
94	Penta	PCB-122	400.00	4.79e+08	1.55 y	42:19	-	1.10
95	Penta	PCB-105	400.00	5.74e+08	1.56 y	43:03	-	1.32
96	Penta	PCB-127	400.00	5.10e+08	1.56 y	43:23	-	1.12
97	Penta	PCB-126	400.00	5.35e+08	1.58 y	45:16	-	1.25
98	Hexa	PCB-155	400.00	3.67e+08	1.30 y	37:03	-	1.30
99	Hexa	PCB-150	400.00	3.44e+08	1.29 y	38:19	-	1.22
100	Hexa	PCB-152	400.00	3.48e+08	1.28 y	38:47	-	1.23
101	Hexa	PCB-145	400.00	3.38e+08	1.29 y	39:13	-	1.20
102	Hexa	PCB-136	400.00	3.48e+08	1.29 y	39:33	-	1.23

103	Hexa	PCB-148	400.00	2.67e+08	1.30 y	39:40	-	0.94
104	Hexa	PCB-154	400.00	2.84e+08	1.29 y	40:09	-	1.00
105	Hexa	PCB-151	400.00	2.58e+08	1.29 y	40:47	-	0.91
106	Hexa	PCB-135	400.00	2.67e+08	1.28 y	41:00	-	0.95
107	Hexa	PCB-144	400.00	2.70e+08	1.30 y	41:07	-	0.95
108	Hexa	PCB-147	400.00	2.47e+08	1.30 y	41:14	-	0.88
109	Hexa	PCB-139/149	800.00	5.63e+08	1.30 y	41:30	-	1.00
110	Hexa	PCB-140	400.00	2.51e+08	1.26 y	41:41	-	0.89
111	Hexa	PCB-134/143	800.00	8.06e+08	1.22 y	42:07	-	0.88
112	Hexa	PCB-131/133	800.00	8.12e+08	1.22 y	42:25	-	0.89
113	Hexa	PCB-142	400.00	3.68e+08	1.22 y	42:34	-	0.80

114	Hexa	PCB-146/165	800.00	9.67e+08	1.23 y	42:48	-	1.06
115	Hexa	PCB-132/161	800.00	9.87e+08	1.22 y	43:02	-	1.08
116	Hexa	PCB-153	400.00	4.88e+08	1.22 y	43:12	-	1.07
117	Hexa	PCB-168	400.00	6.04e+08	1.23 y	43:25	-	1.32
118	Hexa	PCB-141	400.00	4.41e+08	1.22 y	43:56	-	1.13
119	Hexa	PCB-137	400.00	4.37e+08	1.22 y	44:19	-	1.12
120	Hexa	PCB-130	400.00	4.08e+08	1.25 y	44:25	-	1.05
121	Hexa	PCB-138/163/164	1200.00	1.61e+09	1.23 y	44:48	-	1.29
122	Hexa	PCB-158/160	800.00	1.16e+09	1.22 y	45:02	-	1.39
123	Hexa	PCB-129	400.00	3.88e+08	1.24 y	45:17	-	0.93
124	Hexa	PCB-166	400.00	5.61e+08	1.22 y	45:44	-	1.11
125	Hexa	PCB-159	400.00	6.06e+08	1.22 y	46:03	-	1.20
126	Hexa	PCB-128/162	800.00	1.03e+09	1.23 y	46:21	-	1.02
127	Hexa	PCB-167	400.00	5.87e+08	1.22 y	46:45	-	1.18
128	Hexa	PCB-156	400.00	6.12e+08	1.22 y	48:01	-	1.22
129	Hexa	PCB-157	400.00	6.13e+08	1.23 y	48:17	-	1.23
130	Hexa	PCB-169	400.00	5.72e+08	1.24 y	50:29	-	1.13
131	Hepta	PCB-188	400.00	5.06e+08	1.06 y	42:51	-	1.49
132	Hepta	PCB-184	400.00	4.63e+08	1.06 y	43:18	-	1.36
133	Hepta	PCB-179	400.00	4.76e+08	1.06 y	44:04	-	1.40
134	Hepta	PCB-176	400.00	5.04e+08	1.06 y	44:32	-	1.48
135	Hepta	PCB-186	400.00	4.99e+08	1.06 y	45:08	-	1.47
136	Hepta	PCB-178	400.00	3.67e+08	1.06 y	45:38	-	1.08
137	Hepta	PCB-175	400.00	3.71e+08	1.05 y	45:59	-	1.09
138	Hepta	PCB-182/187	800.00	8.17e+08	1.06 y	46:09	-	1.20
139	Hepta	PCB-183	400.00	4.18e+08	1.06 y	46:28	-	1.23
140	Hepta	PCB-185	400.00	3.70e+08	1.07 y	47:07	-	1.55
141	Hepta	PCB-174	400.00	3.51e+08	1.06 y	47:29	-	1.47
142	Hepta	PCB-181	400.00	3.61e+08	1.07 y	47:35	-	1.51
143	Hepta	PCB-177	400.00	3.30e+08	1.06 y	47:45	-	1.38
144	Hepta	PCB-171	400.00	3.95e+08	1.05 y	48:02	-	1.66
145	Hepta	PCB-173	400.00	3.06e+08	1.06 y	48:28	-	1.28
146	Hepta	PCB-172	400.00	3.68e+08	1.05 y	48:55	-	1.54
147	Hepta	PCB-192	400.00	4.77e+08	1.06 y	49:06	-	2.00
148	Hepta	PCB-180	400.00	3.69e+08	1.06 y	49:19	-	1.55
149	Hepta	PCB-193	400.00	4.93e+08	1.05 y	49:31	-	2.07
150	Hepta	PCB-191	400.00	5.09e+08	1.06 y	49:47	-	2.13
151	Hepta	PCB-170	400.00	3.60e+08	1.06 y	50:55	-	1.70
152	Hepta	PCB-190	400.00	4.93e+08	1.05 y	51:05	-	2.33
153	Hepta	PCB-189	400.00	4.83e+08	1.05 y	52:31	-	1.70
154	Octa	PCB-202	400.00	3.22e+08	0.90 y	48:15	-	1.07
155	Octa	PCB-201	400.00	3.54e+08	0.90 y	48:44	-	1.17
156	Octa	PCB-204	400.00	3.38e+08	0.91 y	48:53	-	1.12
157	Octa	PCB-197	400.00	3.79e+08	0.90 y	49:11	-	1.25
158	Octa	PCB-200	400.00	3.52e+08	0.90 y	50:05	-	1.17
159	Octa	PCB-198	400.00	2.49e+08	0.89 y	51:33	-	0.83
160	Octa	PCB-199	400.00	2.52e+08	0.90 y	51:40	-	0.84
161	Octa	PCB-196/203	800.00	5.57e+08	0.90 y	51:57	-	0.92
162	Octa	PCB-195	400.00	3.06e+08	0.90 y	53:11	-	1.06
163	Octa	PCB-194	400.00	3.35e+08	0.90 y	54:04	-	1.16

164	Octa	PCB-205	400.00	4.26e+08	0.90	y	54:20	-	1.48
165	Nona	PCB-208	400.00	4.12e+08	1.32	y	53:20	-	1.03
166	Nona	PCB-207	400.00	4.18e+08	1.32	y	53:39	-	1.05
167	Nona	PCB-206	400.00	2.58e+08	1.31	y	55:37	-	0.88
168	Deca	PCB-209	400.00	3.69e+08	1.19	y	56:56	-	1.31
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.03
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.11
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.17

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.16
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.08
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.29
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.21
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.05
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.10
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.47
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.03
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.23
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	1.00
182	Tot ╗	Total Deca-PCB	400.00	3.69e+08	1.19	y	56:56	-	1.31
183	Mono╗	13C-PCB-1	100.00	2.15e+08	3.21	y	16:01	-	1.26
184	Mono╗	13C-PCB-3	100.00	2.10e+08	3.20	y	18:39	-	1.23
185	Di-IS	13C-PCB-4	100.00	1.10e+08	1.60	y	19:60	-	0.64
186	Di-IS	13C-PCB-9	100.00	1.63e+08	1.58	y	21:48	-	0.96
187	Di-IS	13C-PCB-11	100.00	1.62e+08	1.56	y	25:12	-	0.95
188	Tri-╗	13C-PCB-19	100.00	1.07e+08	1.07	y	24:10	-	0.63
189	Tri-╗	13C-PCB-32	100.00	1.54e+08	1.10	y	27:06	-	0.90
190	Tri-╗	13C-PCB-28	100.00	1.47e+08	1.06	y	29:04	-	0.96
191	Tri-╗	13C-PCB-37	100.00	1.47e+08	1.05	y	32:56	-	0.97
192	Tetr╗	13C-PCB-54	100.00	1.49e+08	0.79	y	27:56	-	0.95
193	Tetr╗	13C-PCB-52	100.00	1.17e+08	0.80	y	31:29	-	0.75
194	Tetr╗	13C-PCB-47	100.00	1.30e+08	0.79	y	31:59	-	0.83
195	Tetr╗	13C-PCB-70	100.00	1.56e+08	0.80	y	35:30	-	1.00
196	Tetr╗	13C-PCB-80	100.00	1.55e+08	0.81	y	35:55	-	0.99
197	Tetr╗	13C-PCB-81	100.00	1.59e+08	0.80	y	39:01	-	1.02
198	Tetr╗	13C-PCB-77	100.00	1.54e+08	0.82	y	39:36	-	0.99
199	Pent╗	13C-PCB-104	100.00	9.28e+07	1.64	y	32:38	-	0.98
200	Pent╗	13C-PCB-95	100.00	7.54e+07	1.61	y	35:48	-	0.79
201	Pent╗	13C-PCB-101	100.00	7.54e+07	1.62	y	37:29	-	0.79
202	Pent╗	13C-PCB-97	100.00	6.55e+07	1.60	y	38:47	-	0.69
203	Pent╗	13C-PCB-123	100.00	8.91e+07	1.63	y	41:20	-	0.94
204	Pent╗	13C-PCB-118	100.00	9.60e+07	1.63	y	41:31	-	1.01
205	Pent╗	13C-PCB-114	100.00	1.09e+08	1.60	y	42:10	-	1.19
206	Pent╗	13C-PCB-105	100.00	1.08e+08	1.61	y	43:02	-	1.19
207	Pent╗	13C-PCB-127	100.00	1.14e+08	1.60	y	43:22	-	1.25
208	Pent╗	13C-PCB-126	100.00	1.07e+08	1.61	y	45:16	-	1.18
209	Hexa╗	13C-PCB-155	100.00	7.06e+07	1.27	y	37:02	-	0.74
210	Hexa╗	13C-PCB-153	100.00	1.14e+08	1.26	y	43:12	-	1.25
211	Hexa╗	13C-PCB-141	100.00	9.75e+07	1.28	y	43:56	-	1.07
212	Hexa	13C-PCB-138	100.00	1.04e+08	1.24	y	44:46	-	1.14
213	Hexa╗	13C-PCB-159	100.00	1.26e+08	1.28	y	46:03	-	1.38
214	Hexa╗	13C-PCB-167	100.00	1.25e+08	1.28	y	46:44	-	1.37
215	Hexa╗	13C-PCB-156	100.00	1.26e+08	1.28	y	48:01	-	1.38
216	Hexa╗	13C-PCB-157	100.00	1.25e+08	1.26	y	48:17	-	1.37
217	Hexa╗	13C-PCB-169	100.00	1.27e+08	1.25	y	50:29	-	1.39
218	Hept╗	13C-PCB-188	100.00	8.49e+07	0.45	y	42:49	-	1.35
219	Hept╗	13C-PCB-180	100.00	5.96e+07	0.45	y	49:18	-	0.94
220	Hept╗	13C-PCB-170	100.00	5.29e+07	0.46	y	50:53	-	0.84
221	Hept╗	13C-PCB-189	100.00	7.09e+07	0.46	y	52:30	-	1.12
222	Octa╗	13C-PCB-202	100.00	7.55e+07	0.92	y	48:14	-	1.20

223	Octa╗	13C-PCB-194	100.00	7.21e+07	0.91 y	54:03	-	0.77
224	Nona╗	13C-PCB-208	100.00	9.99e+07	0.78 y	53:19	-	1.06
225	Nona╗	13C-PCB-206	100.00	7.30e+07	0.77 y	55:36	-	0.78
226	Deca╗	13C-PCB-209	100.00	7.04e+07	1.21 y	56:55	-	0.75
227	DI-RS	13C-PCB-15	100.00	1.71e+08	1.58 y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.53e+08	1.06 y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.57e+08	0.79 y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	9.51e+07	1.62 y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	9.12e+07	1.25 y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	6.31e+07	0.46 y	46:09	-	1.00

233	Octa╗	13C-PCB-205	100.00	9.40e+07	0.92	y	54:19	-	1.00
234	CRS	13C-PCB-79	100.00	1.60e+08	0.79	y	37:48	-	1.02
235	CRS	13C-PCB-178	100.00	5.59e+07	0.46	y	45:37	-	0.89
236	PS	13C-PCB-79	100.00	1.60e+08	0.79	y	37:48	-	1.01
237	PS	13C-PCB-178	100.00	5.59e+07	0.46	y	45:37	-	0.94

Filename: 171027E1 S: 6 Acquired: 27-OCT-17 15:53:06
Run: 171027E1 Analyte: PCB ICal: PCBVG8-10-27-17 Results:
Sample text: ST171027E1-6 PCB CS5 17C0313

	Typ	Name	Amount	Resp	RA	RT	RF	RRF
1	Mono	PCB-1	1000.00	2.17e+09	3.00 y	16:03	-	1.05
2	Mono	PCB-2	1000.00	2.20e+09	3.03 y	18:27	-	1.04
3	Mono	PCB-3	1000.00	2.18e+09	3.01 y	18:41	-	1.03
4	Di	PCB-4/10	2000.00	2.91e+09	1.56 y	20:04	-	1.30
5	Di	PCB-7/9	2000.00	3.63e+09	1.56 y	21:51	-	1.05
6	Di	PCB-6	1000.00	1.78e+09	1.57 y	22:30	-	1.03
7	Di	PCB-5/8	2000.00	3.70e+09	1.56 y	22:55	-	1.07
8	Di	PCB-14	1000.00	2.20e+09	1.57 y	24:01	-	1.26
9	Di	PCB-11	1000.00	1.88e+09	1.58 y	25:13	-	1.08
10	Di	PCB-12/13	2000.00	3.82e+09	1.56 y	25:36	-	1.09
11	Di	PCB-15	1000.00	2.10e+09	1.54 y	25:55	-	1.21
12	Tri	PCB-19	1000.00	1.26e+09	1.05 y	24:12	-	1.16
13	Tri	PCB-30	1000.00	2.05e+09	1.06 y	25:05	-	1.88
14	Tri	PCB-18	1000.00	1.41e+09	1.05 y	25:51	-	0.87
15	Tri	PCB-17	1000.00	1.54e+09	1.05 y	26:01	-	0.95
16	Tri	PCB-24/27	2000.00	4.08e+09	1.05 y	26:36	-	1.26
17	Tri	PCB-16/32	2000.00	3.32e+09	1.05 y	27:06	-	1.02
18	Tri	PCB-34	1000.00	1.76e+09	1.05 y	27:54	-	1.10
19	Tri	PCB-23	1000.00	1.82e+09	1.07 y	28:00	-	1.13
20	Tri	PCB-29	1000.00	1.84e+09	1.05 y	28:14	-	1.14
21	Tri	PCB-26	1000.00	1.83e+09	1.05 y	28:27	-	1.14
22	Tri	PCB-25	1000.00	1.70e+09	1.06 y	28:37	-	1.06
23	Tri	PCB-31	1000.00	1.94e+09	1.05 y	28:59	-	1.21
24	Tri	PCB-28	1000.00	1.80e+09	1.07 y	29:04	-	1.12
25	Tri	PCB-20/21/33	3000.00	5.52e+09	1.05 y	29:42	-	1.15
26	Tri	PCB-22	1000.00	1.77e+09	1.06 y	30:08	-	1.10
27	Tri	PCB-36	1000.00	1.87e+09	1.06 y	30:46	-	1.14
28	Tri	PCB-39	1000.00	1.95e+09	1.05 y	31:13	-	1.19
29	Tri	PCB-38	1000.00	1.77e+09	1.06 y	31:59	-	1.08
30	Tri	PCB-35	1000.00	1.86e+09	1.06 y	32:31	-	1.13
31	Tri	PCB-37	1000.00	2.03e+09	1.05 y	32:57	-	1.23
32	Tetra	PCB-54	1000.00	1.59e+09	0.78 y	27:57	-	1.02
33	Tetra	PCB-50	1000.00	1.32e+09	0.78 y	29:08	-	0.85
34	Tetra	PCB-53	1000.00	1.34e+09	0.78 y	29:46	-	1.05
35	Tetra	PCB-51	1000.00	1.37e+09	0.77 y	30:07	-	1.07
36	Tetra	PCB-45	1000.00	1.21e+09	0.78 y	30:33	-	0.95
37	Tetra	PCB-46	1000.00	1.15e+09	0.78 y	31:02	-	0.90
38	Tetra	PCB-52/69	2000.00	3.24e+09	0.77 y	31:31	-	1.27
39	Tetra	PCB-73	1000.00	1.63e+09	0.80 y	31:39	-	1.28
40	Tetra	PCB-43/49	2000.00	2.83e+09	0.77 y	31:48	-	1.11
41	Tetra	PCB-47	1000.00	1.41e+09	0.76 y	32:00	-	0.99

42	Tetra	PCB-48/75	2000.00	3.50e+09	0.78	y	32:07	-	1.22
43	Tetra	PCB-65	1000.00	1.60e+09	0.88	y	32:23	-	1.12
44	Tetra	PCB-62	1000.00	1.70e+09	0.69	y	32:30	-	1.19
45	Tetra	PCB-44	1000.00	1.17e+09	0.78	y	32:48	-	0.82
46	Tetra	PCB-42/59	2000.00	3.23e+09	0.78	y	33:02	-	1.13
47	Tetra	PCB-41/64/71/72	4000.00	6.94e+09	0.78	y	33:37	-	1.22
48	Tetra	PCB-68	1000.00	1.98e+09	0.78	y	33:52	-	1.39
49	Tetra	PCB-40	1000.00	1.08e+09	0.78	y	34:05	-	0.76
50	Tetra	PCB-57	1000.00	1.86e+09	0.78	y	34:27	-	1.08
51	Tetra	PCB-67	1000.00	1.85e+09	0.77	y	34:45	-	1.07
52	Tetra	PCB-58	1000.00	1.93e+09	0.78	y	34:52	-	1.12

53	Tetra	PCB-63	1000.00	1.98e+09	0.78 y	35:01	-	1.15
54	Tetra	PCB-74	1000.00	2.00e+09	0.77 y	35:18	-	1.16
55	Tetra	PCB-61/70	2000.00	3.64e+09	0.78 y	35:29	-	1.06
56	Tetra	PCB-76/66	2000.00	3.93e+09	0.78 y	35:42	-	1.14
57	Tetra	PCB-80	1000.00	2.24e+09	0.78 y	35:57	-	1.26
58	Tetra	PCB-55	1000.00	2.06e+09	0.78 y	36:15	-	1.16
59	Tetra	PCB-56/60	2000.00	3.83e+09	0.78 y	36:45	-	1.08
60	Tetra	PCB-79	1000.00	2.05e+09	0.78 y	37:49	-	1.16
61	Tetra	PCB-78	1000.00	1.95e+09	0.78 y	38:30	-	1.06
62	Tetra	PCB-81	1000.00	2.14e+09	0.77 y	39:02	-	1.16
63	Tetra	PCB-77	1000.00	2.07e+09	0.79 y	39:37	-	1.20
64	Penta	PCB-104	1000.00	1.27e+09	1.60 y	32:39	-	1.29
65	Penta	PCB-96	1000.00	1.13e+09	1.60 y	33:54	-	1.15
66	Penta	PCB-103	1000.00	1.07e+09	1.61 y	34:27	-	1.08
67	Penta	PCB-100	1000.00	1.09e+09	1.60 y	34:49	-	1.11
68	Penta	PCB-94	1000.00	9.00e+08	1.59 y	35:17	-	1.09
69	Penta	PCB-95/98/102	3000.00	3.09e+09	1.59 y	35:46	-	1.25
70	Penta	PCB-93	1000.00	8.12e+08	1.62 y	35:54	-	0.98
71	Penta	PCB-88/91	2000.00	1.78e+09	1.58 y	36:11	-	1.07
72	Penta	PCB-121	1000.00	1.48e+09	1.61 y	36:17	-	1.79
73	Penta	PCB-84/92	2000.00	1.91e+09	1.60 y	37:07	-	1.12
74	Penta	PCB-89	1000.00	8.92e+08	1.59 y	37:18	-	1.05
75	Penta	PCB-90/101	2000.00	2.14e+09	1.60 y	37:29	-	1.26
76	Penta	PCB-113	1000.00	1.18e+09	1.58 y	37:44	-	1.39
77	Penta	PCB-99	1000.00	1.13e+09	1.61 y	37:49	-	1.33
78	Penta	PCB-119	1000.00	1.48e+09	1.59 y	38:17	-	2.00
79	Penta	PCB-108/112	2000.00	2.13e+09	1.59 y	38:26	-	1.44
80	Penta	PCB-83	1000.00	1.32e+09	1.60 y	38:36	-	1.78
81	Penta	PCB-97	1000.00	1.01e+09	1.58 y	38:47	-	1.36
82	Penta	PCB-86	1000.00	8.78e+08	1.61 y	38:57	-	1.19
83	Penta	PCB-87/117/125	3000.00	3.64e+09	1.59 y	39:04	-	1.64
84	Penta	PCB-111/115	2000.00	2.84e+09	1.58 y	39:14	-	1.92
85	Penta	PCB-85/116	2000.00	2.16e+09	1.62 y	39:20	-	1.46
86	Penta	PCB-120	1000.00	1.52e+09	1.58 y	39:36	-	2.05
87	Penta	PCB-110	1000.00	1.24e+09	1.59 y	39:44	-	1.68
88	Penta	PCB-82	1000.00	7.90e+08	1.58 y	40:22	-	0.78
89	Penta	PCB-124	1000.00	1.32e+09	1.58 y	41:03	-	1.30
90	Penta	PCB-107/109	2000.00	2.90e+09	1.61 y	41:11	-	1.43
91	Penta	PCB-123	1000.00	1.34e+09	1.60 y	41:21	-	1.32
92	Penta	PCB-106/118	2000.00	2.92e+09	1.59 y	41:33	-	1.31
93	Penta	PCB-114	1000.00	1.57e+09	1.55 y	42:11	-	1.28
94	Penta	PCB-122	1000.00	1.38e+09	1.58 y	42:19	-	1.12
95	Penta	PCB-105	1000.00	1.64e+09	1.56 y	43:03	-	1.33
96	Penta	PCB-127	1000.00	1.48e+09	1.57 y	43:23	-	1.11
97	Penta	PCB-126	1000.00	1.53e+09	1.57 y	45:16	-	1.23
98	Hexa	PCB-155	1000.00	1.01e+09	1.28 y	37:03	-	1.28
99	Hexa	PCB-150	1000.00	9.89e+08	1.28 y	38:19	-	1.25
100	Hexa	PCB-152	1000.00	9.78e+08	1.29 y	38:47	-	1.24
101	Hexa	PCB-145	1000.00	9.58e+08	1.28 y	39:14	-	1.21
102	Hexa	PCB-136	1000.00	9.50e+08	1.28 y	39:33	-	1.20

103	Hexa	PCB-148	1000.00	7.36e+08	1.29	y	39:40	-	0.93
104	Hexa	PCB-154	1000.00	7.68e+08	1.28	y	40:09	-	0.97
105	Hexa	PCB-151	1000.00	7.34e+08	1.28	y	40:47	-	0.93
106	Hexa	PCB-135	1000.00	7.68e+08	1.27	y	41:00	-	0.97
107	Hexa	PCB-144	1000.00	7.56e+08	1.29	y	41:07	-	0.96
108	Hexa	PCB-147	1000.00	7.05e+08	1.28	y	41:14	-	0.89
109	Hexa	PCB-139/149	2000.00	1.62e+09	1.29	y	41:30	-	1.03
110	Hexa	PCB-140	1000.00	7.12e+08	1.25	y	41:41	-	0.90
111	Hexa	PCB-134/143	2000.00	2.26e+09	1.22	y	42:08	-	0.87
112	Hexa	PCB-131/133	2000.00	2.30e+09	1.22	y	42:25	-	0.88
113	Hexa	PCB-142	1000.00	1.03e+09	1.22	y	42:34	-	0.79

114	Hexa	PCB-146/165	2000.00	2.77e+09	1.22 y	42:48	-	1.06
115	Hexa	PCB-132/161	2000.00	2.77e+09	1.22 y	43:02	-	1.06
116	Hexa	PCB-153	1000.00	1.39e+09	1.24 y	43:12	-	1.07
117	Hexa	PCB-168	1000.00	1.72e+09	1.22 y	43:25	-	1.32
118	Hexa	PCB-141	1000.00	1.25e+09	1.23 y	43:56	-	1.12
119	Hexa	PCB-137	1000.00	1.26e+09	1.22 y	44:19	-	1.13
120	Hexa	PCB-130	1000.00	1.17e+09	1.23 y	44:25	-	1.05
121	Hexa	PCB-138/163/164	3000.00	4.65e+09	1.24 y	44:48	-	1.31
122	Hexa	PCB-158/160	2000.00	3.32e+09	1.23 y	45:03	-	1.41
123	Hexa	PCB-129	1000.00	1.11e+09	1.22 y	45:17	-	0.94
124	Hexa	PCB-166	1000.00	1.64e+09	1.24 y	45:44	-	1.12
125	Hexa	PCB-159	1000.00	1.75e+09	1.23 y	46:05	-	1.20
126	Hexa	PCB-128/162	2000.00	2.98e+09	1.23 y	46:21	-	1.02
127	Hexa	PCB-167	1000.00	1.70e+09	1.23 y	46:45	-	1.18
128	Hexa	PCB-156	1000.00	1.80e+09	1.23 y	48:01	-	1.23
129	Hexa	PCB-157	1000.00	1.80e+09	1.23 y	48:18	-	1.23
130	Hexa	PCB-169	1000.00	1.68e+09	1.24 y	50:29	-	1.13
131	Hepta	PCB-188	1000.00	1.44e+09	1.06 y	42:51	-	1.48
132	Hepta	PCB-184	1000.00	1.29e+09	1.06 y	43:18	-	1.33
133	Hepta	PCB-179	1000.00	1.33e+09	1.07 y	44:04	-	1.37
134	Hepta	PCB-176	1000.00	1.41e+09	1.06 y	44:32	-	1.45
135	Hepta	PCB-186	1000.00	1.40e+09	1.06 y	45:08	-	1.45
136	Hepta	PCB-178	1000.00	1.04e+09	1.06 y	45:38	-	1.07
137	Hepta	PCB-175	1000.00	1.03e+09	1.06 y	45:59	-	1.07
138	Hepta	PCB-182/187	2000.00	2.27e+09	1.06 y	46:09	-	1.17
139	Hepta	PCB-183	1000.00	1.20e+09	1.06 y	46:28	-	1.24
140	Hepta	PCB-185	1000.00	1.03e+09	1.06 y	47:07	-	1.53
141	Hepta	PCB-174	1000.00	9.87e+08	1.05 y	47:29	-	1.46
142	Hepta	PCB-181	1000.00	1.03e+09	1.08 y	47:36	-	1.53
143	Hepta	PCB-177	1000.00	9.26e+08	1.06 y	47:45	-	1.37
144	Hepta	PCB-171	1000.00	1.09e+09	1.06 y	48:03	-	1.61
145	Hepta	PCB-173	1000.00	8.84e+08	1.06 y	48:28	-	1.31
146	Hepta	PCB-172	1000.00	1.06e+09	1.06 y	48:55	-	1.56
147	Hepta	PCB-192	1000.00	1.31e+09	1.06 y	49:07	-	1.94
148	Hepta	PCB-180	1000.00	1.05e+09	1.07 y	49:20	-	1.55
149	Hepta	PCB-193	1000.00	1.39e+09	1.06 y	49:32	-	2.05
150	Hepta	PCB-191	1000.00	1.43e+09	1.07 y	49:47	-	2.12
151	Hepta	PCB-170	1000.00	1.02e+09	1.06 y	50:55	-	1.71
152	Hepta	PCB-190	1000.00	1.41e+09	1.05 y	51:06	-	2.36
153	Hepta	PCB-189	1000.00	1.40e+09	1.06 y	52:32	-	1.71
154	Octa	PCB-202	1000.00	9.08e+08	0.90 y	48:15	-	1.05
155	Octa	PCB-201	1000.00	1.00e+09	0.90 y	48:44	-	1.16
156	Octa	PCB-204	1000.00	9.77e+08	0.90 y	48:53	-	1.13
157	Octa	PCB-197	1000.00	1.06e+09	0.90 y	49:12	-	1.23
158	Octa	PCB-200	1000.00	9.59e+08	0.90 y	50:06	-	1.11
159	Octa	PCB-198	1000.00	7.37e+08	0.90 y	51:34	-	0.85
160	Octa	PCB-199	1000.00	6.88e+08	0.91 y	51:41	-	0.80
161	Octa	PCB-196/203	2000.00	1.64e+09	0.90 y	51:58	-	0.95
162	Octa	PCB-195	1000.00	8.92e+08	0.90 y	53:12	-	1.05
163	Octa	PCB-194	1000.00	9.89e+08	0.90 y	54:05	-	1.16

164	Octa	PCB-205	1000.00	1.26e+09	0.90	y	54:21	-	1.48
165	Nona	PCB-208	1000.00	1.20e+09	1.32	y	53:21	-	1.02
166	Nona	PCB-207	1000.00	1.23e+09	1.32	y	53:40	-	1.05
167	Nona	PCB-206	1000.00	7.68e+08	1.32	y	55:39	-	0.88
168	Deca	PCB-209	1000.00	1.07e+09	1.18	y	56:58	-	1.31
169	Tot ╗	Total Mono-PCB	0.00	-	-	n	-	-	1.04
170	Tot ╗	Total Di-PCB	0.00	-	-	n	-	-	1.11
171	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.18

172	Tot ╗	Total Tri-PCB	0.00	-	-	n	-	-	1.14
173	Tot ╗	Total Tetra-PCB	0.00	-	-	n	-	-	1.10
174	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.29
175	Tot ╗	Total Penta-PCB	0.00	-	-	n	-	-	1.21
176	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.06
177	Tot ╗	Total Hexa-PCB	0.00	-	-	n	-	-	1.10
178	Tot ╗	Total Hepta-PCB	0.00	-	-	n	-	-	1.45
179	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.03
180	Tot ╗	Total Octa-PCB	0.00	-	-	n	-	-	1.23
181	Tot ╗	Total Nona-PCB	0.00	-	-	n	-	-	0.99
182	Tot ╗	Total Deca-PCB	1000.00	1.07e+09	1.18	y	56:58	-	1.31
183	Mono╗	13C-PCB-1	100.00	2.07e+08	3.21	y	16:02	-	1.11
184	Mono╗	13C-PCB-3	100.00	2.12e+08	3.18	y	18:40	-	1.13
185	Di-IS	13C-PCB-4	100.00	1.12e+08	1.59	y	20:00	-	0.60
186	Di-IS	13C-PCB-9	100.00	1.73e+08	1.57	y	21:49	-	0.93
187	Di-IS	13C-PCB-11	100.00	1.74e+08	1.56	y	25:12	-	0.94
188	Tri-╗	13C-PCB-19	100.00	1.09e+08	1.06	y	24:10	-	0.58
189	Tri-╗	13C-PCB-32	100.00	1.62e+08	1.06	y	27:06	-	0.87
190	Tri-╗	13C-PCB-28	100.00	1.61e+08	1.04	y	29:04	-	0.97
191	Tri-╗	13C-PCB-37	100.00	1.64e+08	1.06	y	32:56	-	0.99
192	Tetr╗	13C-PCB-54	100.00	1.56e+08	0.80	y	27:56	-	0.89
193	Tetr╗	13C-PCB-52	100.00	1.27e+08	0.80	y	31:29	-	0.72
194	Tetr╗	13C-PCB-47	100.00	1.43e+08	0.80	y	31:59	-	0.81
195	Tetr╗	13C-PCB-70	100.00	1.72e+08	0.81	y	35:30	-	0.98
196	Tetr╗	13C-PCB-80	100.00	1.78e+08	0.79	y	35:56	-	1.01
197	Tetr╗	13C-PCB-81	100.00	1.85e+08	0.81	y	39:01	-	1.05
198	Tetr╗	13C-PCB-77	100.00	1.73e+08	0.81	y	39:36	-	0.98
199	Pent╗	13C-PCB-104	100.00	9.85e+07	1.57	y	32:38	-	0.92
200	Pent╗	13C-PCB-95	100.00	8.27e+07	1.63	y	35:48	-	0.77
201	Pent╗	13C-PCB-101	100.00	8.49e+07	1.60	y	37:29	-	0.79
202	Pent╗	13C-PCB-97	100.00	7.40e+07	1.58	y	38:47	-	0.69
203	Pent╗	13C-PCB-123	100.00	1.02e+08	1.61	y	41:20	-	0.95
204	Pent╗	13C-PCB-118	100.00	1.11e+08	1.62	y	41:31	-	1.04
205	Pent╗	13C-PCB-114	100.00	1.23e+08	1.60	y	42:10	-	1.18
206	Pent╗	13C-PCB-105	100.00	1.23e+08	1.60	y	43:02	-	1.17
207	Pent╗	13C-PCB-127	100.00	1.33e+08	1.61	y	43:22	-	1.27
208	Pent╗	13C-PCB-126	100.00	1.25e+08	1.60	y	45:16	-	1.19
209	Hexa╗	13C-PCB-155	100.00	7.89e+07	1.29	y	37:02	-	0.73
210	Hexa╗	13C-PCB-153	100.00	1.30e+08	1.24	y	43:12	-	1.25
211	Hexa╗	13C-PCB-141	100.00	1.12e+08	1.27	y	43:56	-	1.07
212	Hexa	13C-PCB-138	100.00	1.18e+08	1.28	y	44:46	-	1.13
213	Hexa╗	13C-PCB-159	100.00	1.46e+08	1.28	y	46:03	-	1.40
214	Hexa╗	13C-PCB-167	100.00	1.45e+08	1.27	y	46:44	-	1.38
215	Hexa╗	13C-PCB-156	100.00	1.47e+08	1.28	y	48:01	-	1.40
216	Hexa╗	13C-PCB-157	100.00	1.47e+08	1.26	y	48:17	-	1.40
217	Hexa╗	13C-PCB-169	100.00	1.48e+08	1.26	y	50:29	-	1.42
218	Hept╗	13C-PCB-188	100.00	9.69e+07	0.47	y	42:49	-	1.37
219	Hept╗	13C-PCB-180	100.00	6.77e+07	0.46	y	49:18	-	0.96
220	Hept╗	13C-PCB-170	100.00	5.97e+07	0.47	y	50:54	-	0.84
221	Hept╗	13C-PCB-189	100.00	8.24e+07	0.46	y	52:31	-	1.16
222	Octa╗	13C-PCB-202	100.00	8.63e+07	0.91	y	48:14	-	1.22

223	Octa╗	13C-PCB-194	100.00	8.49e+07	0.93	y	54:05	-	0.75
224	Nona╗	13C-PCB-208	100.00	1.17e+08	0.77	y	53:20	-	1.04
225	Nona╗	13C-PCB-206	100.00	8.74e+07	0.78	y	55:38	-	0.78
226	Deca╗	13C-PCB-209	100.00	8.15e+07	1.21	y	56:57	-	0.72
227	DI-RS	13C-PCB-15	100.00	1.87e+08	1.56	y	25:54	-	1.00
228	Tri-╗	13C-PCB-31	100.00	1.66e+08	1.06	y	28:58	-	1.00
229	Tetr╗	13C-PCB-60	100.00	1.76e+08	0.81	y	36:44	-	1.00
230	Penta	13C-PCB-111	100.00	1.07e+08	1.61	y	39:13	-	1.00
231	Hexa╗	13C-PCB-128	100.00	1.04e+08	1.27	y	46:19	-	1.00
232	Hept╗	13C-PCB-182	100.00	7.09e+07	0.46	y	46:09	-	1.00

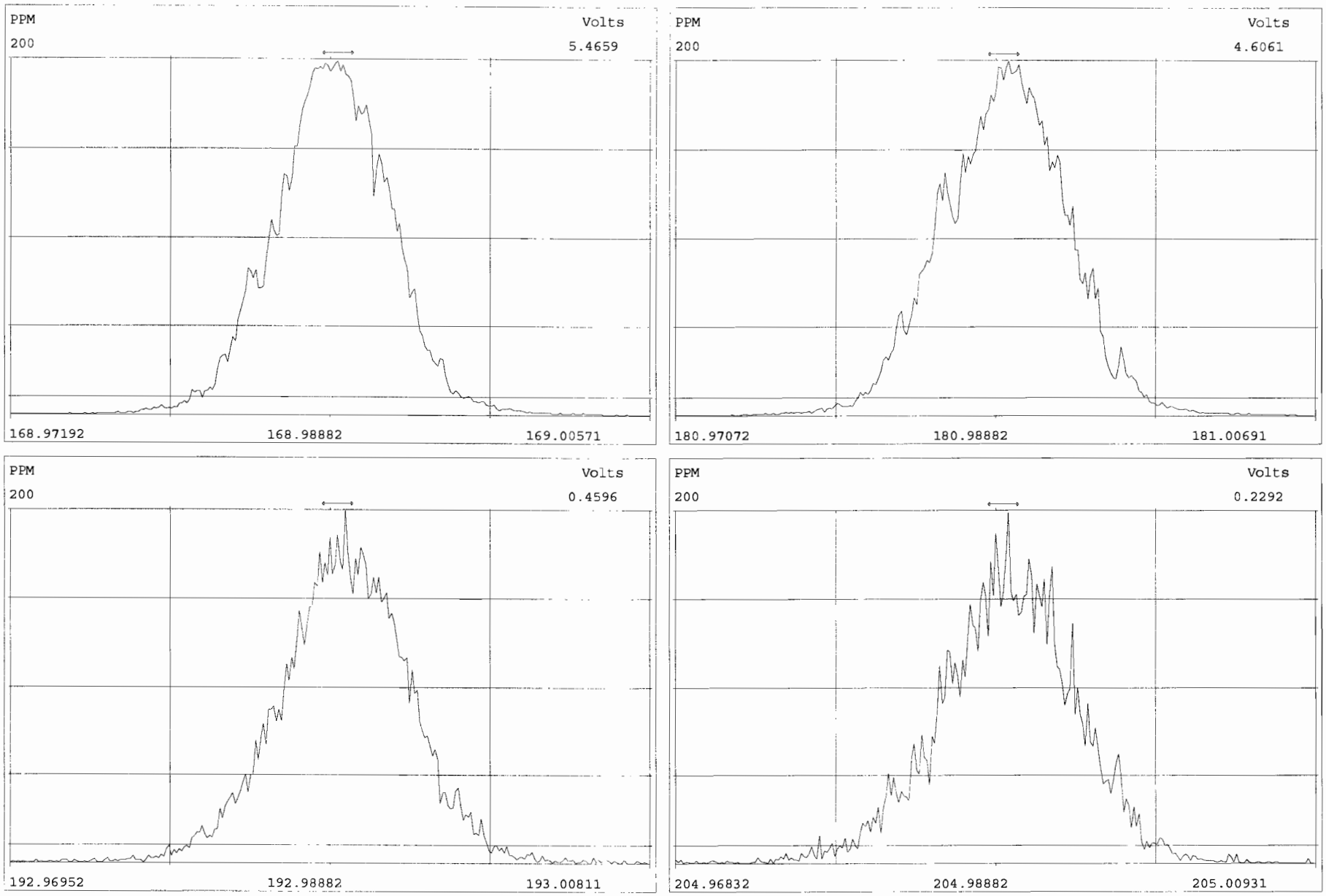
233	Octa[illegible]	13C-PCB-205	100.00	1.13e+08	0.92 y	54:21	-	1.00
234	CRS	13C-PCB-79	100.00	1.80e+08	0.79 y	37:48	-	1.02
235	CRS	13C-PCB-178	100.00	6.19e+07	0.47 y	45:37	-	0.87
236	PS	13C-PCB-79	100.00	1.80e+08	0.79 y	37:48	-	0.97
237	PS	13C-PCB-178	100.00	6.19e+07	0.47 y	45:37	-	0.91

Vista Analytical Laboratory - Injection Log Run file: 171027E1 Instrument ID: VG-8 GC Column ID: ZB-1

Data file	S#	Sample ID	Analyst	Acq date	Acq time	CCal	ECal
171027E1	1	ST171027E1-1	MAS	27-OCT-17	10:27:40	NA	NA
171027E1	2	ST171027E1-2	MAS	27-OCT-17	11:32:43	NA	NA
171027E1	3	ST171027E1-3	MAS	27-OCT-17	12:37:50	NA	NA
171027E1	4	ST171027E1-4	MAS	27-OCT-17	13:42:55	NA	NA
171027E1	5	ST171027E1-5	MAS	27-OCT-17	14:47:57	NA	NA
171027E1	6	ST171027E1-6	MAS	27-OCT-17	15:53:06	NA	NA
171027E1	7	SOLVENT BLANK	MAS	27-OCT-17	16:58:09	NA	NA
171027E1	8	SS171027E1-1	MAS	27-OCT-17	18:03:11	NA	NA

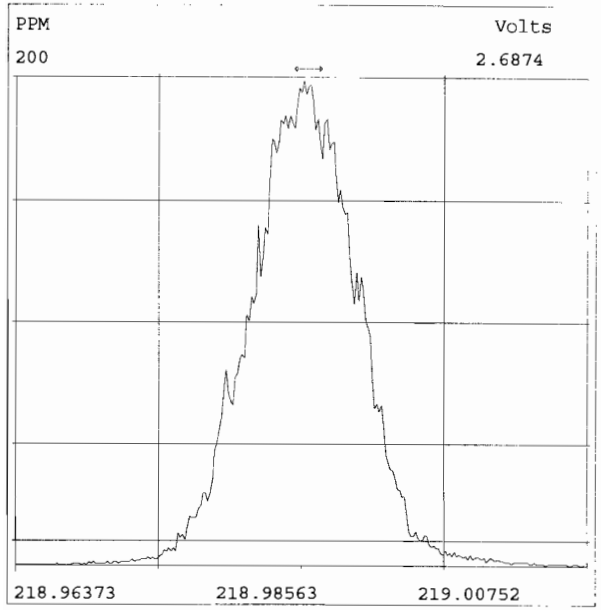
Peak Locate Examination:27-OCT-2017:10:25 File:171027E1

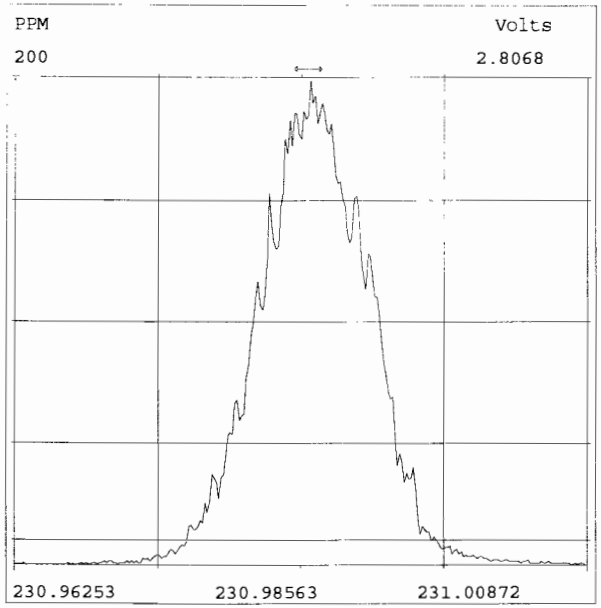
Experiment:PCB_ZB1 Function:1 Reference:PFK

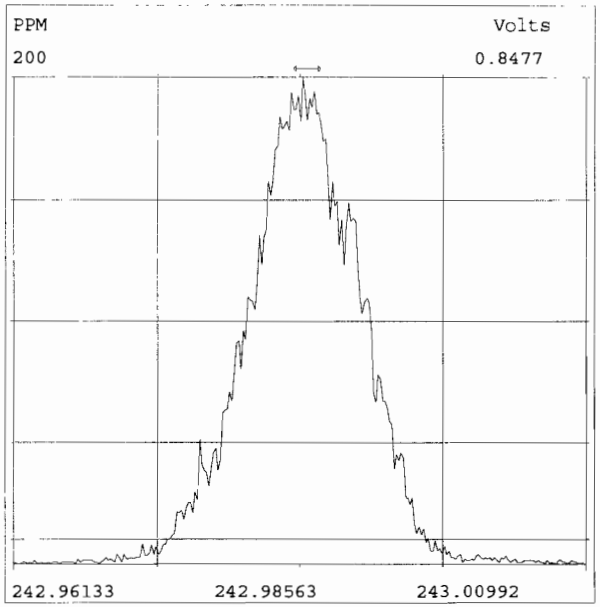


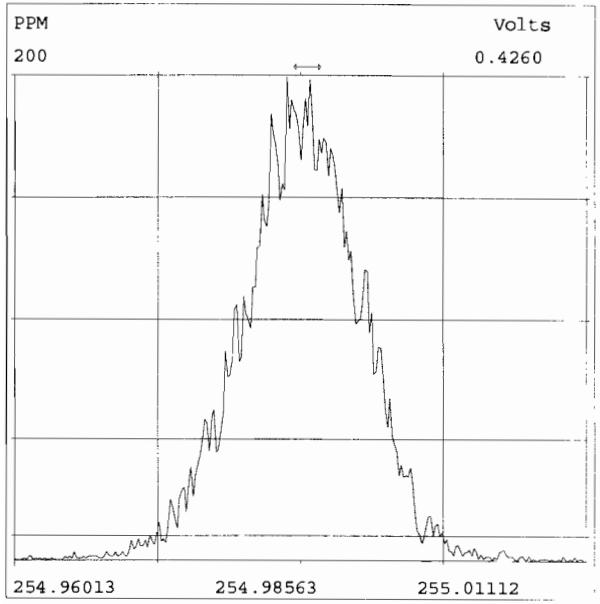
Peak Locate Examination:27-OCT-2017:10:25 File:171027E1

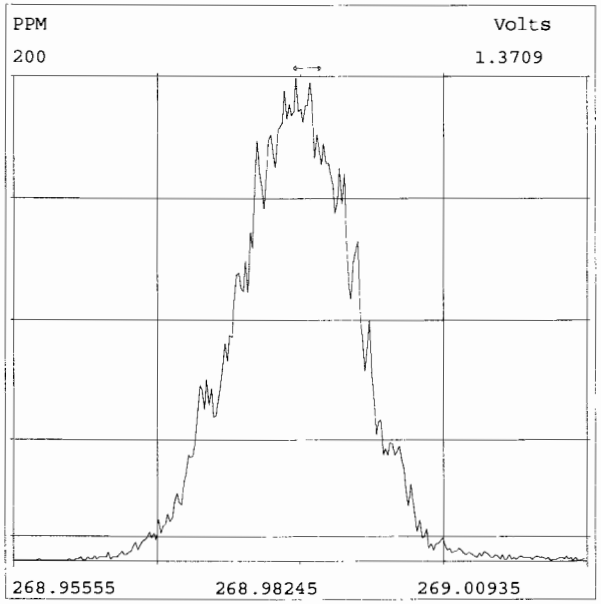
Experiment:PCB_ZB1 Function:2 Reference:PFK

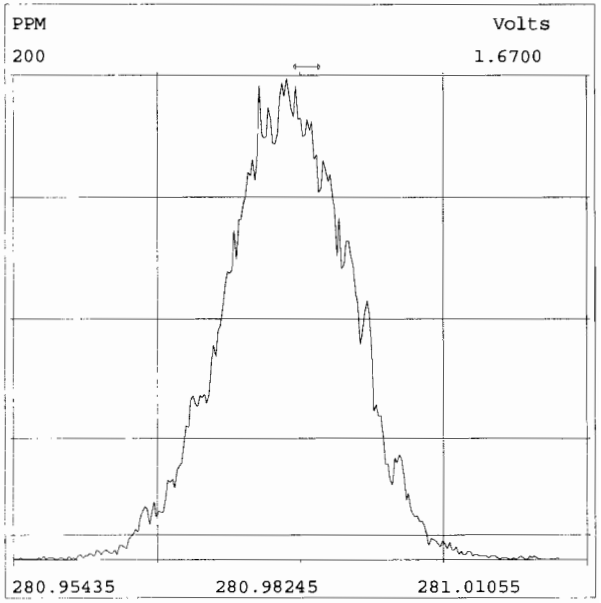






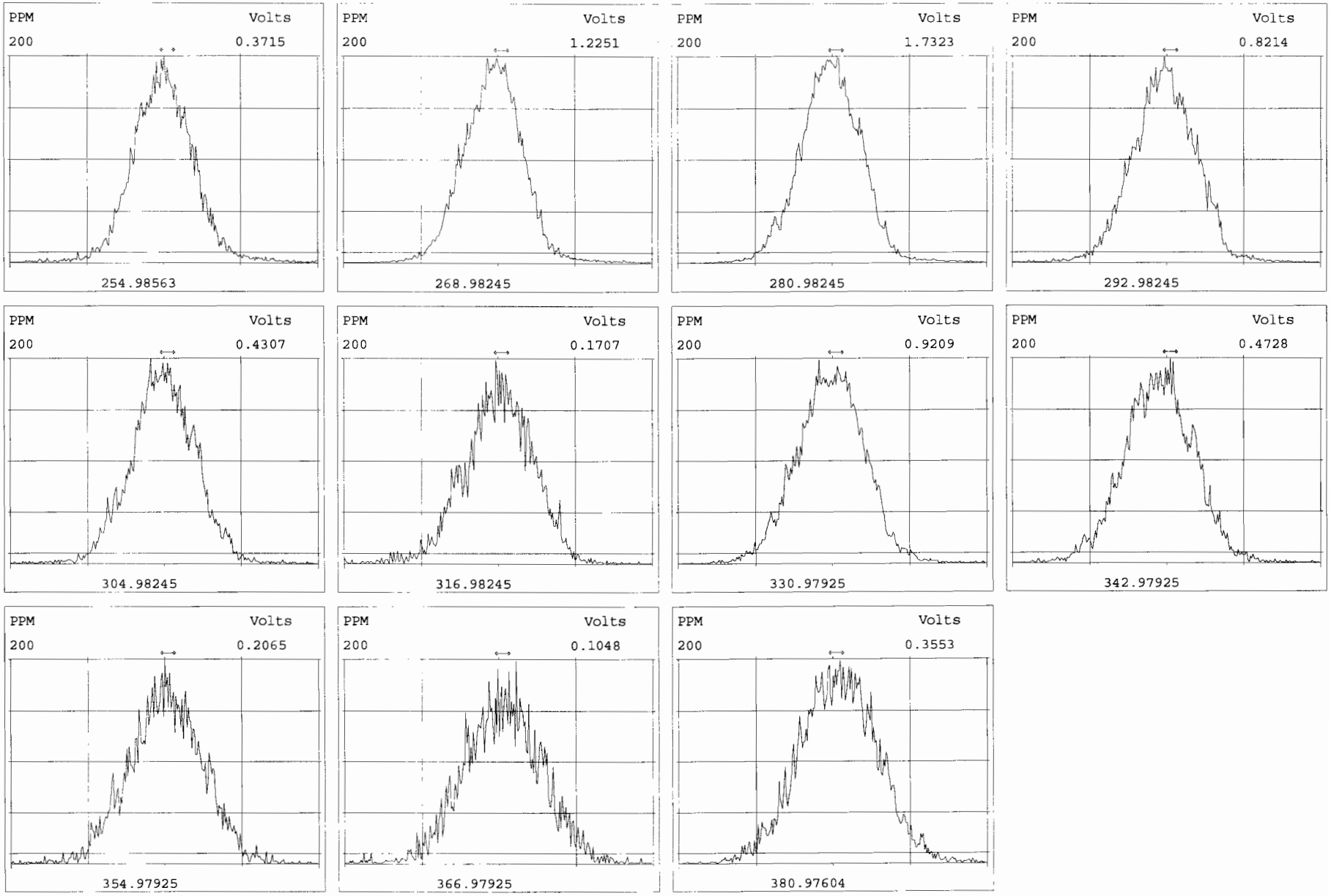






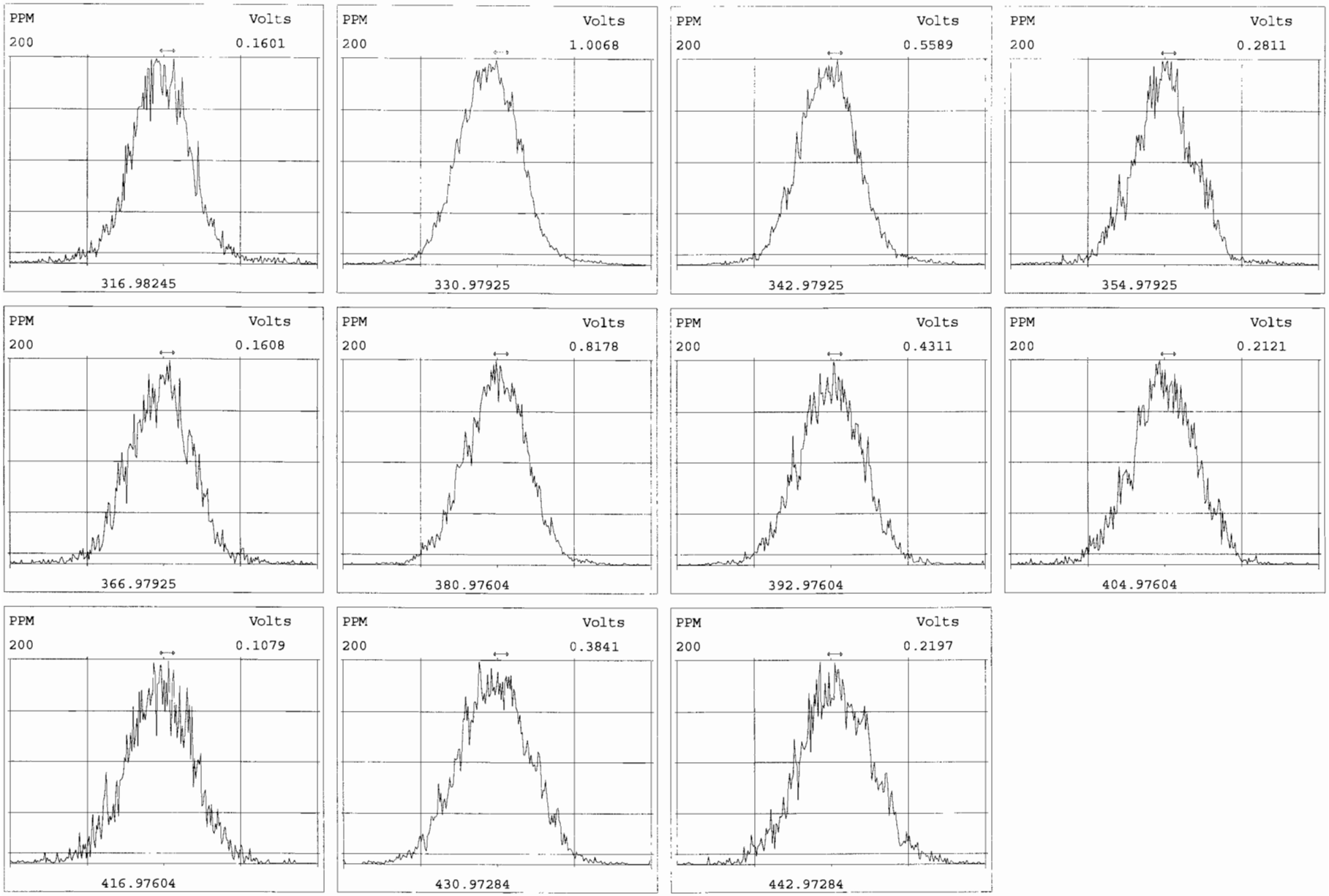
Peak Locate Examination:27-OCT-2017:10:26 File:171027E1

Experiment:PCB_ZB1 Function:3 Reference:PFK



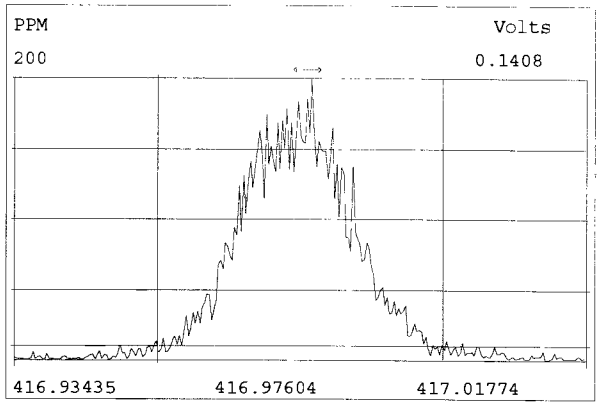
Peak Locate Examination:27-OCT-2017:10:27 File:171027E1

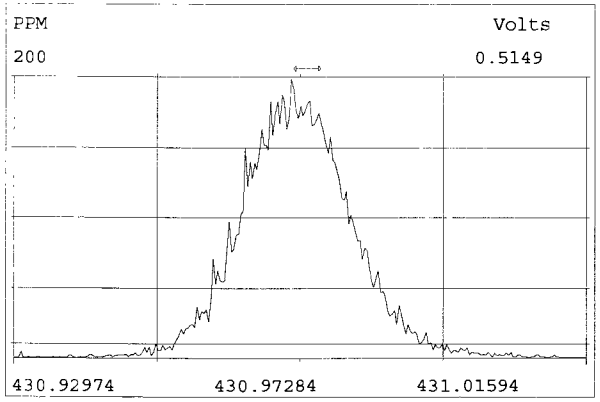
Experiment:PCB_ZB1 Function:4 Reference:PFK

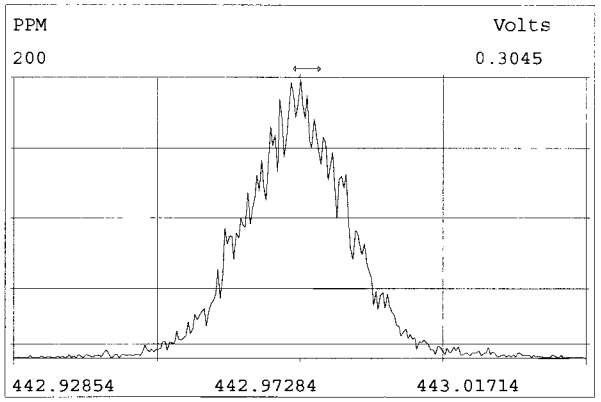


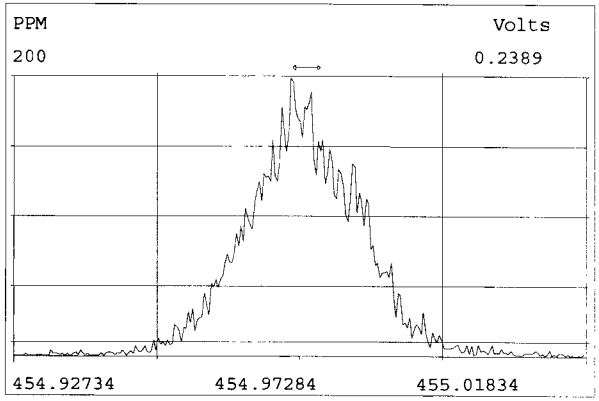
Peak Locate Examination:27-OCT-2017:10:27 File:171027E1

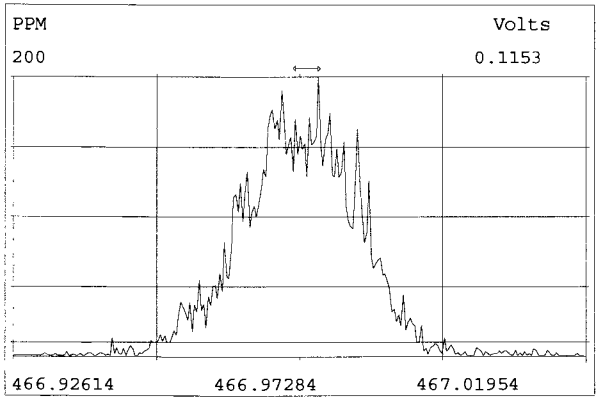
Experiment:PCB_ZB1 Function:5 Reference:PFK

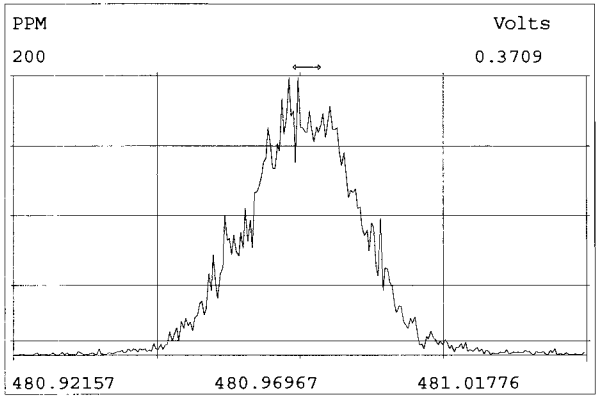


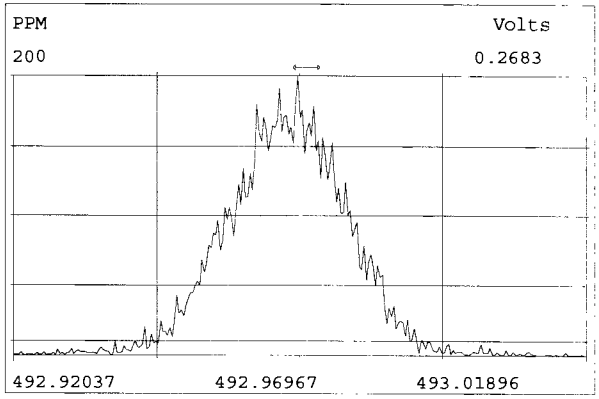


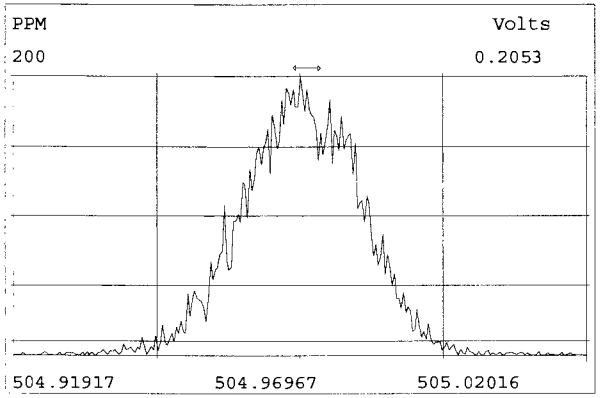


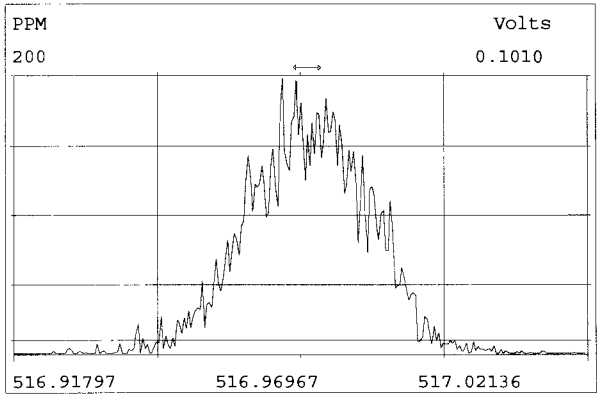




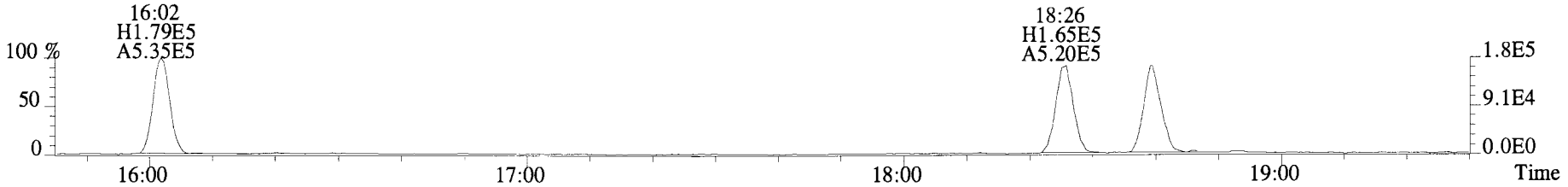




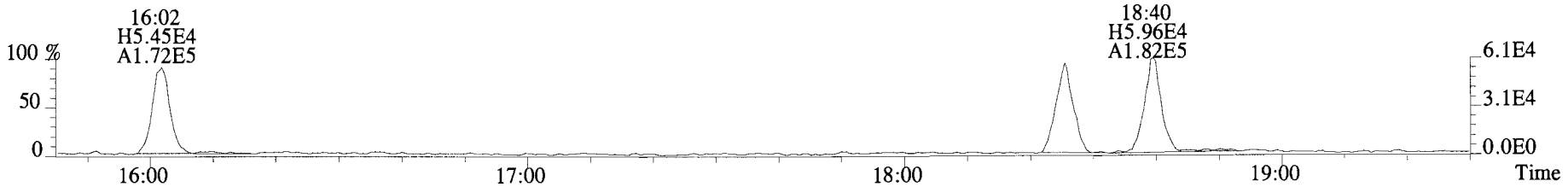




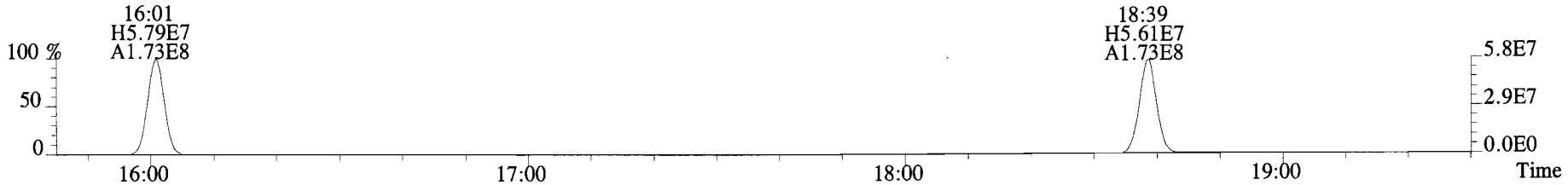
File:171027E1 #1-867 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)



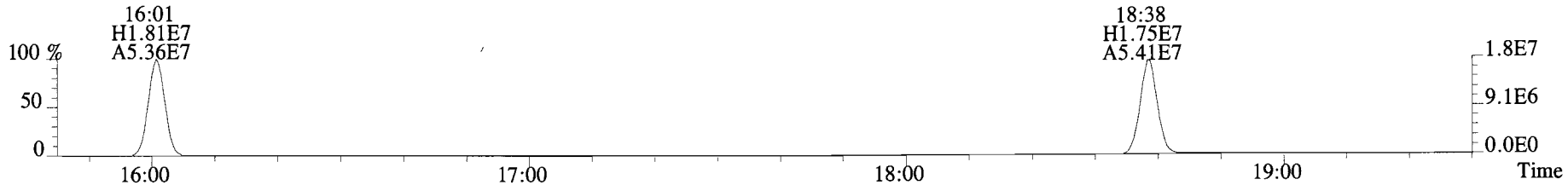
190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



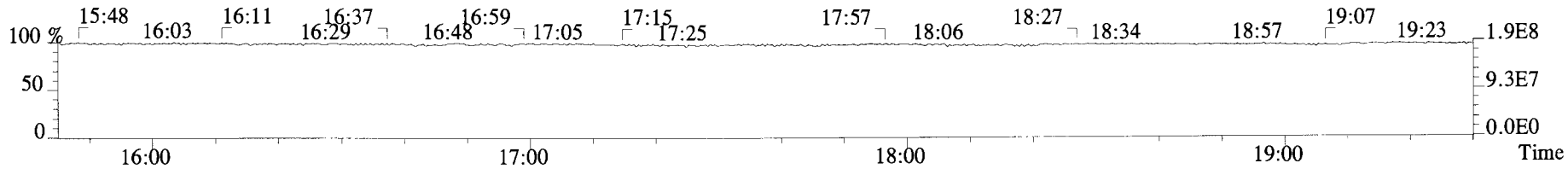
200.0795 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4172.0,0.00%,F,F)



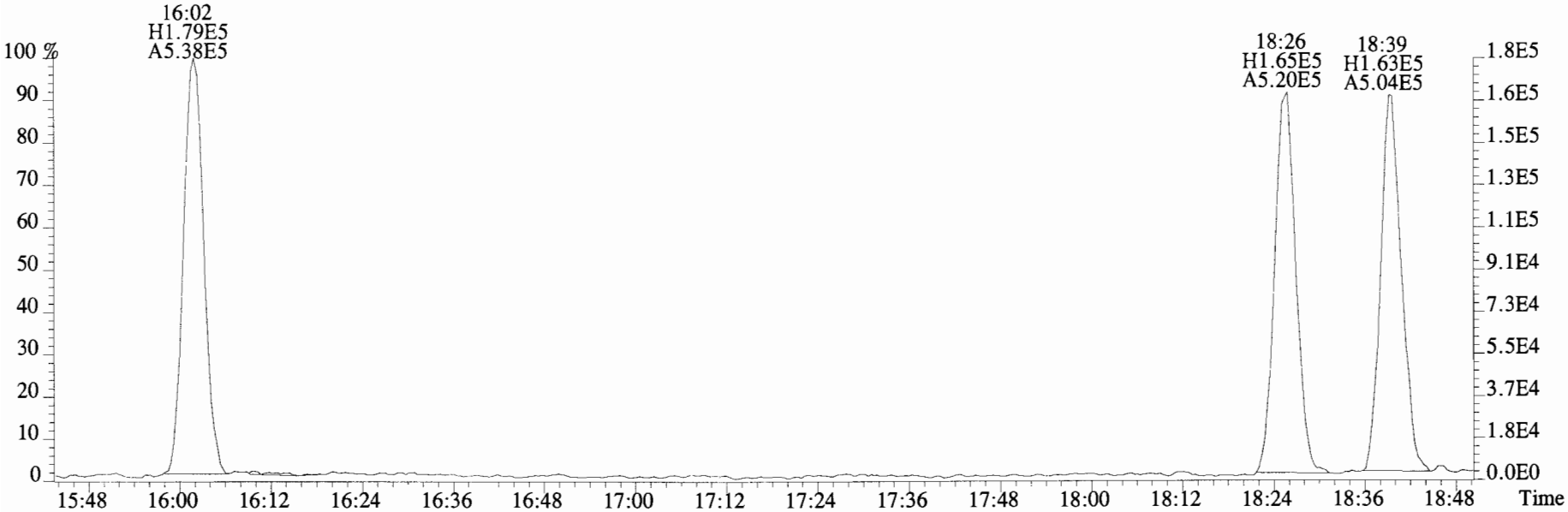
202.0766 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8084.0,0.00%,F,F)



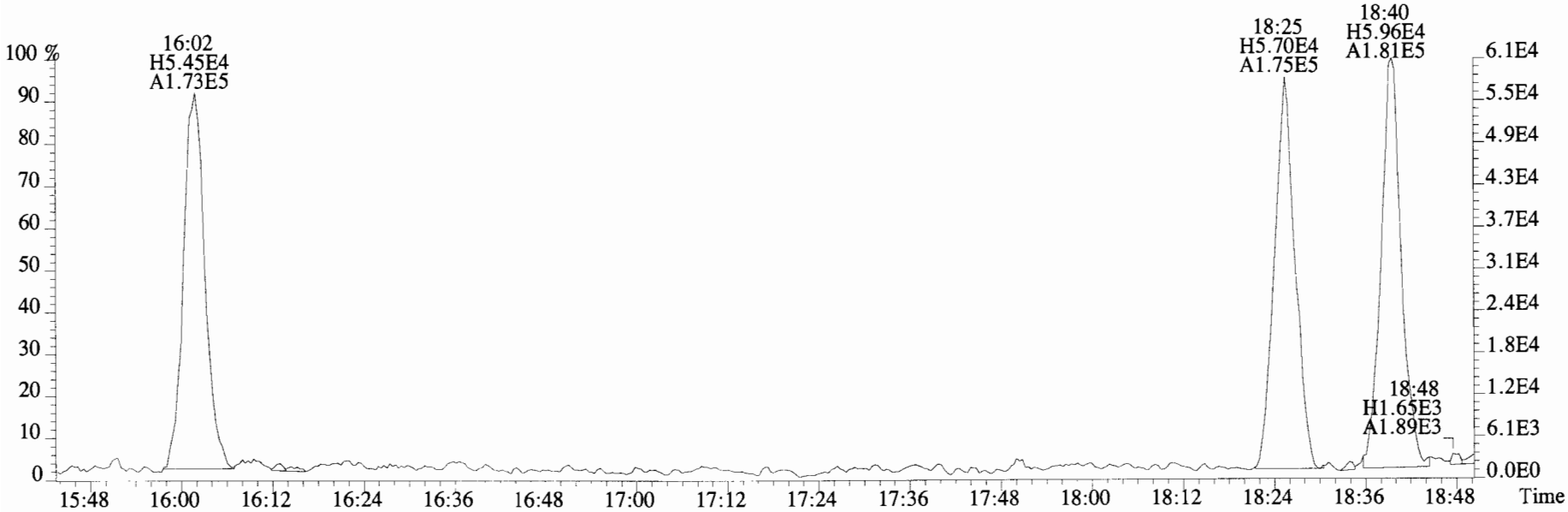
180.9880



File:171027E1 #1-867 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
188.0393 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3496.0,0.00%,F,F)

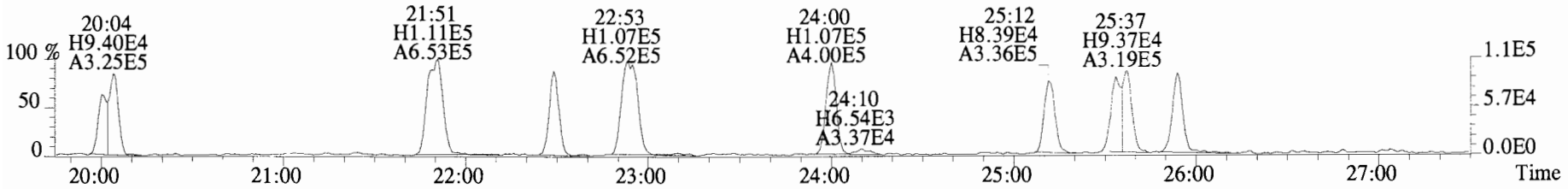


190.0363 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)

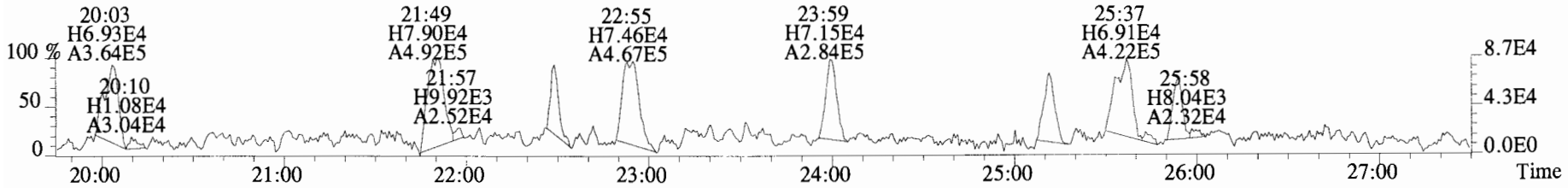


File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

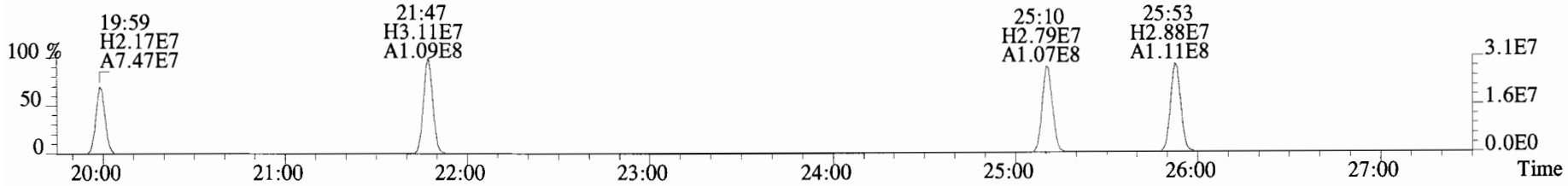
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



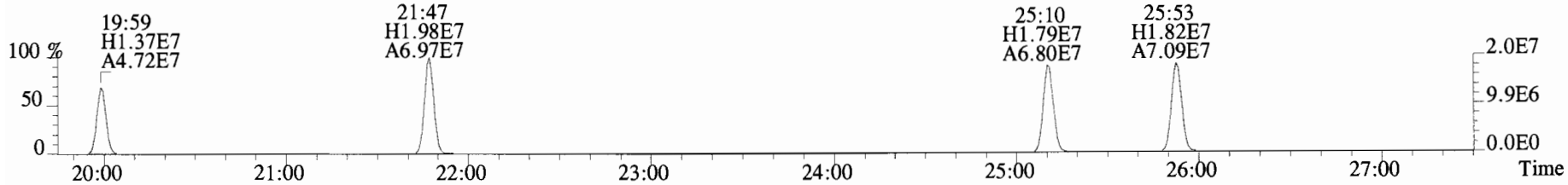
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18560.0,0.00%,F,F)



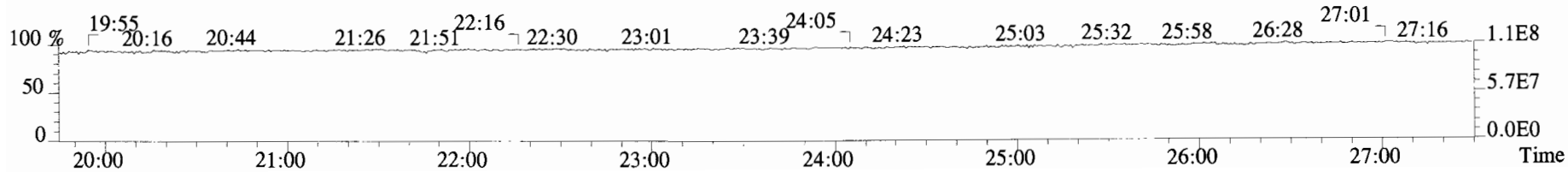
234.0406 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4772.0,0.00%,F,F)



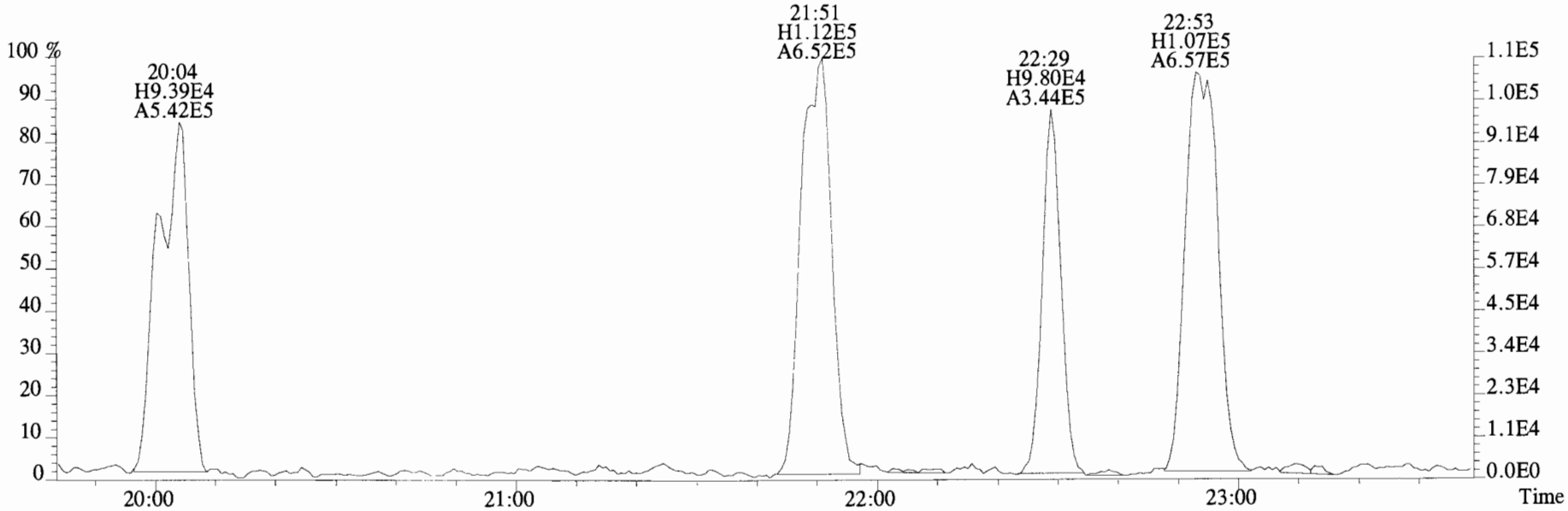
236.0376 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3624.0,0.00%,F,F)



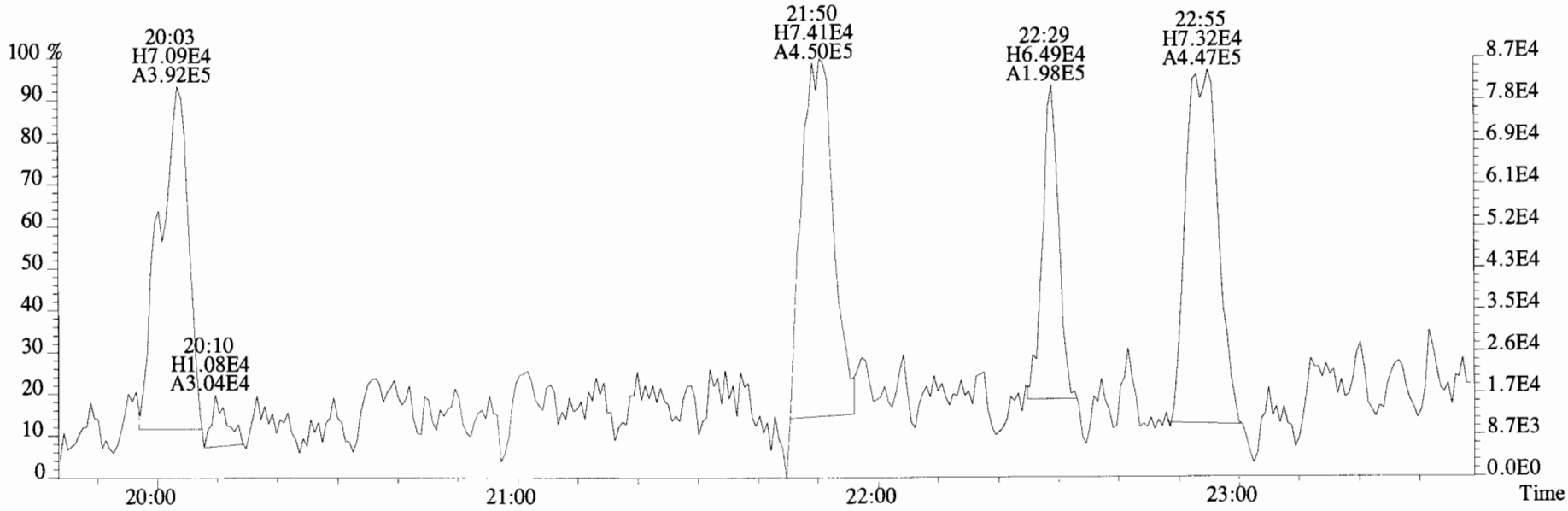
230.9856 F:2



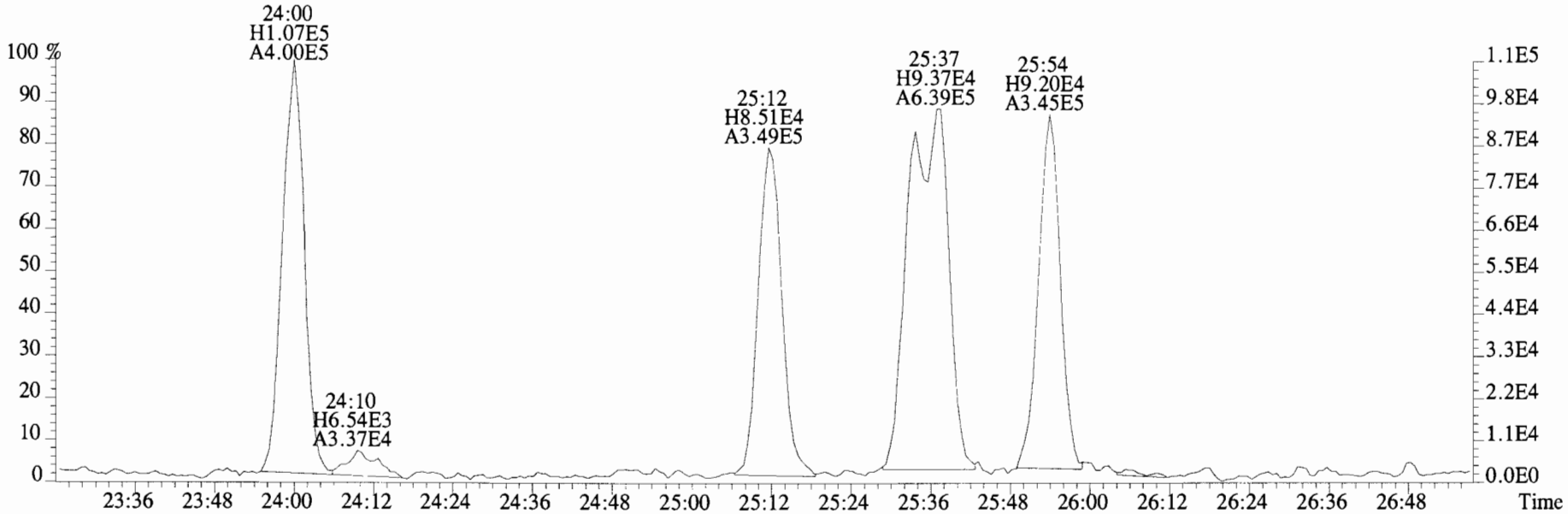
File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)



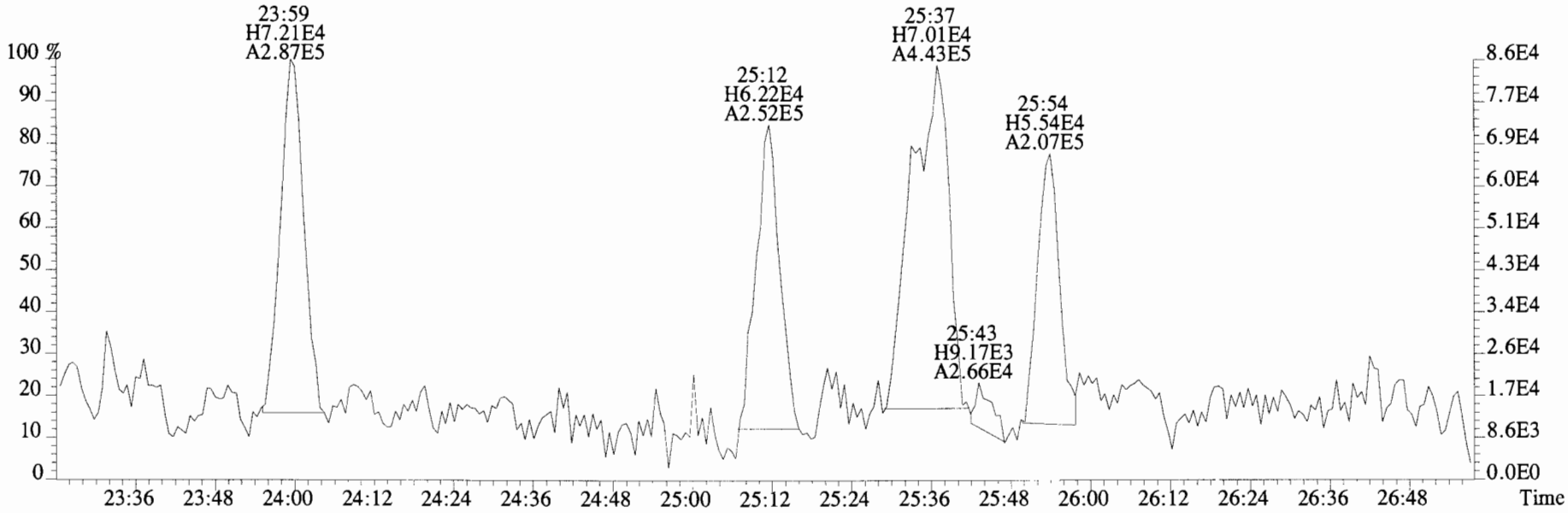
223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18560.0,0.00%,F,F)



File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
222.0003 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2876.0,0.00%,F,F)

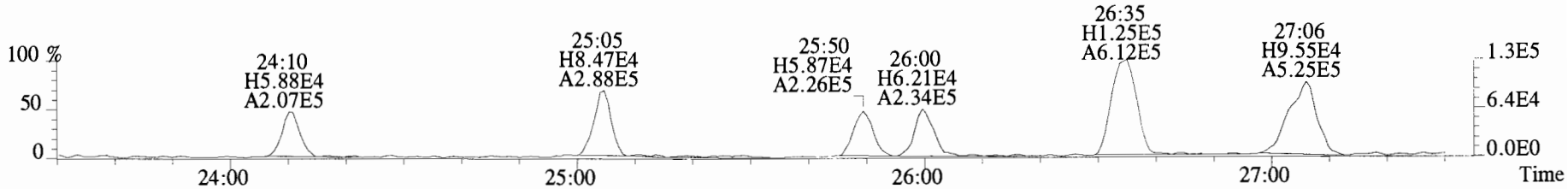


223.9974 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18560.0,0.00%,F,F)

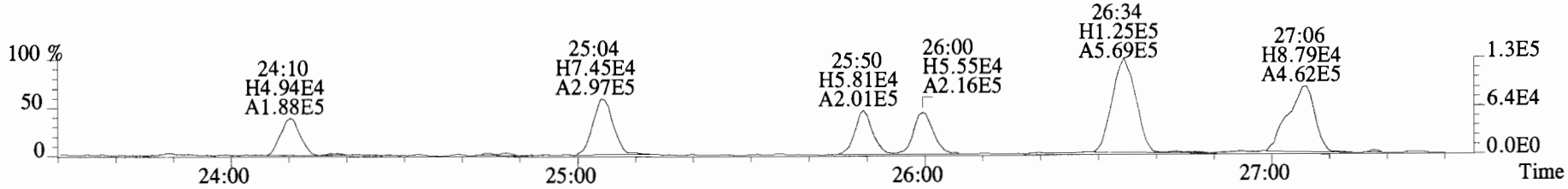


File:171027E1 #1-757 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

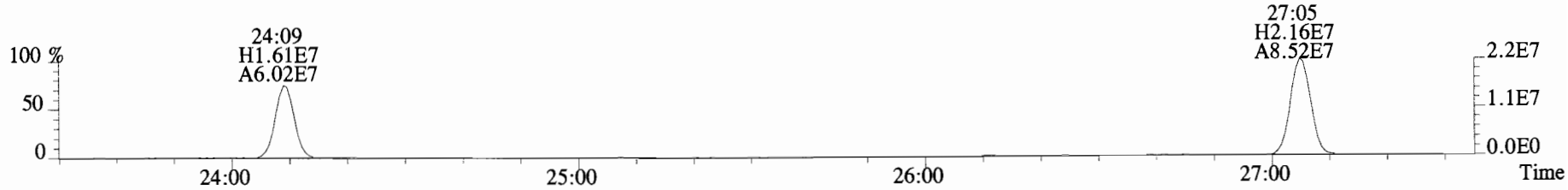
255.9613 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3232.0,0.00%,F,F)



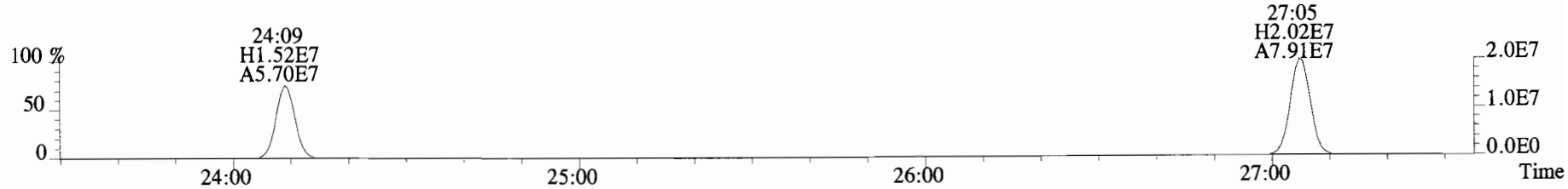
257.9584 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2220.0,0.00%,F,F)



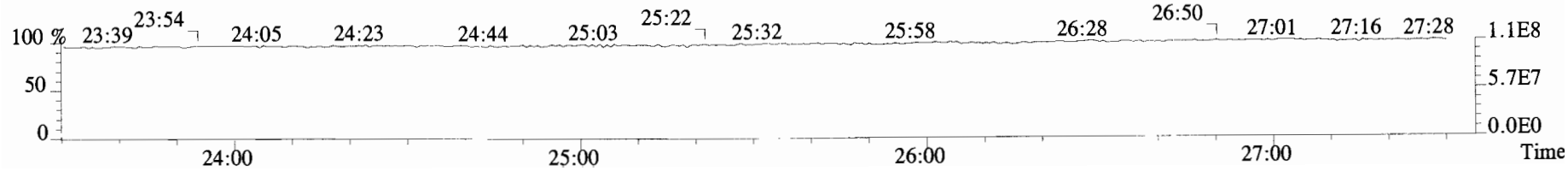
268.0016 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,67976.0,0.00%,F,F)



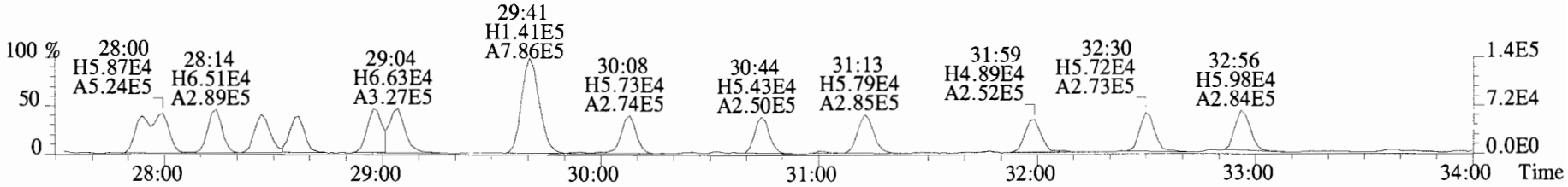
269.9986 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,42672.0,0.00%,F,F)



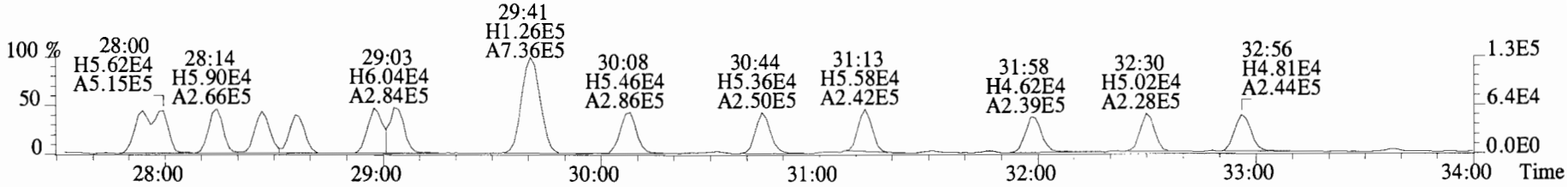
230.9856 F:2



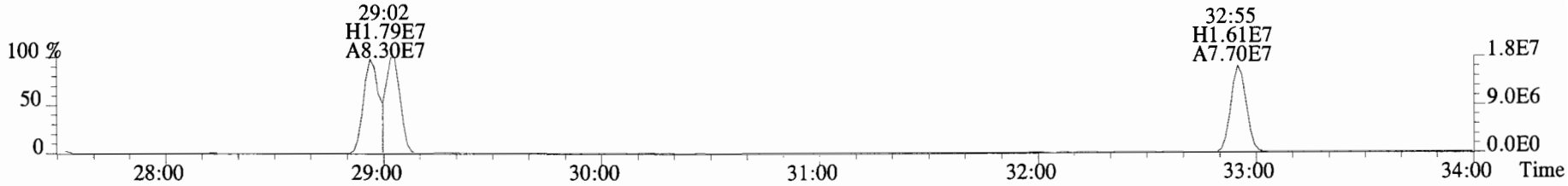
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)



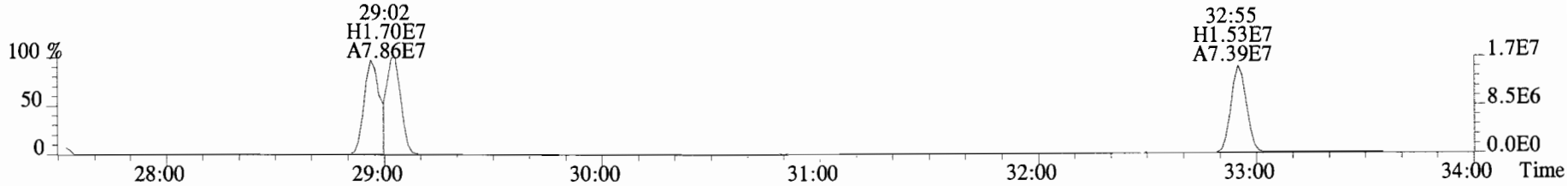
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)



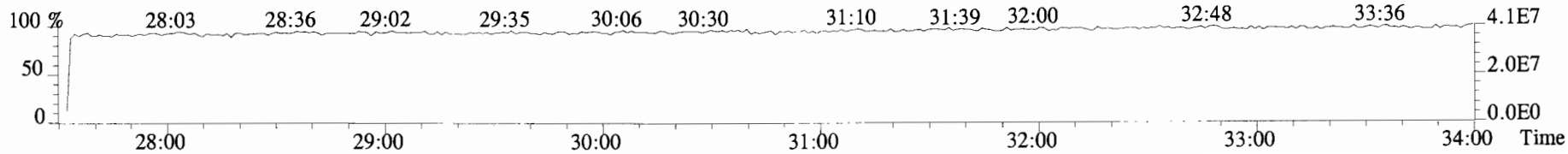
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83000.0,0.00%,F,F)



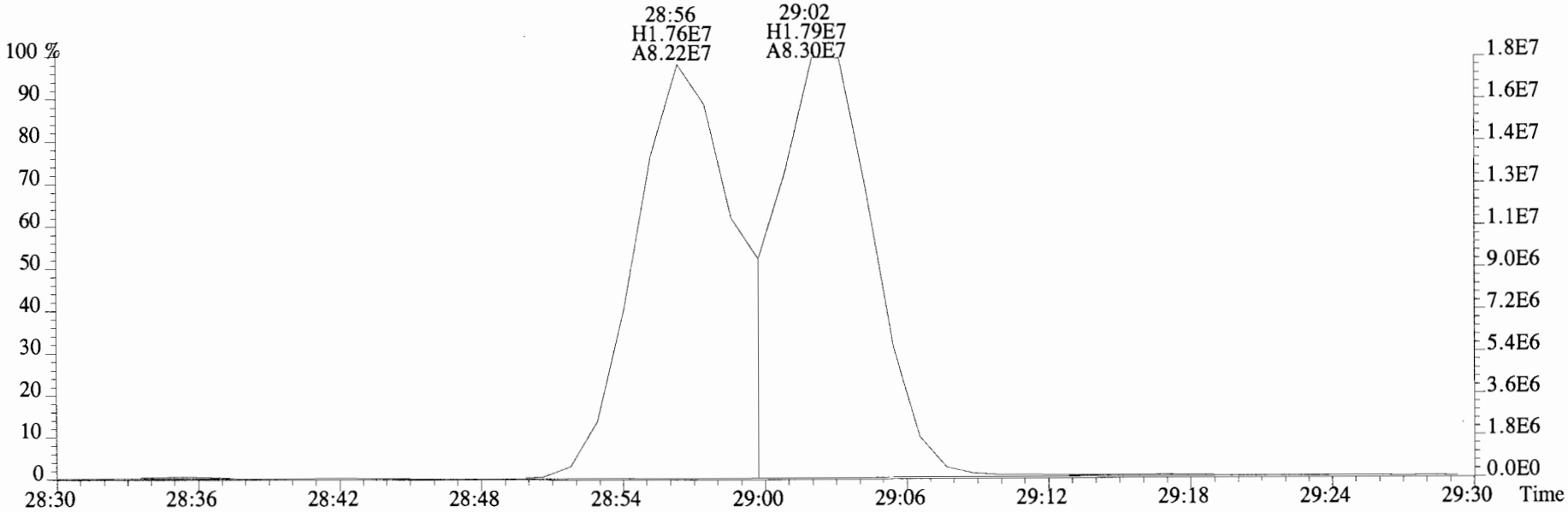
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40848.0,0.00%,F,F)



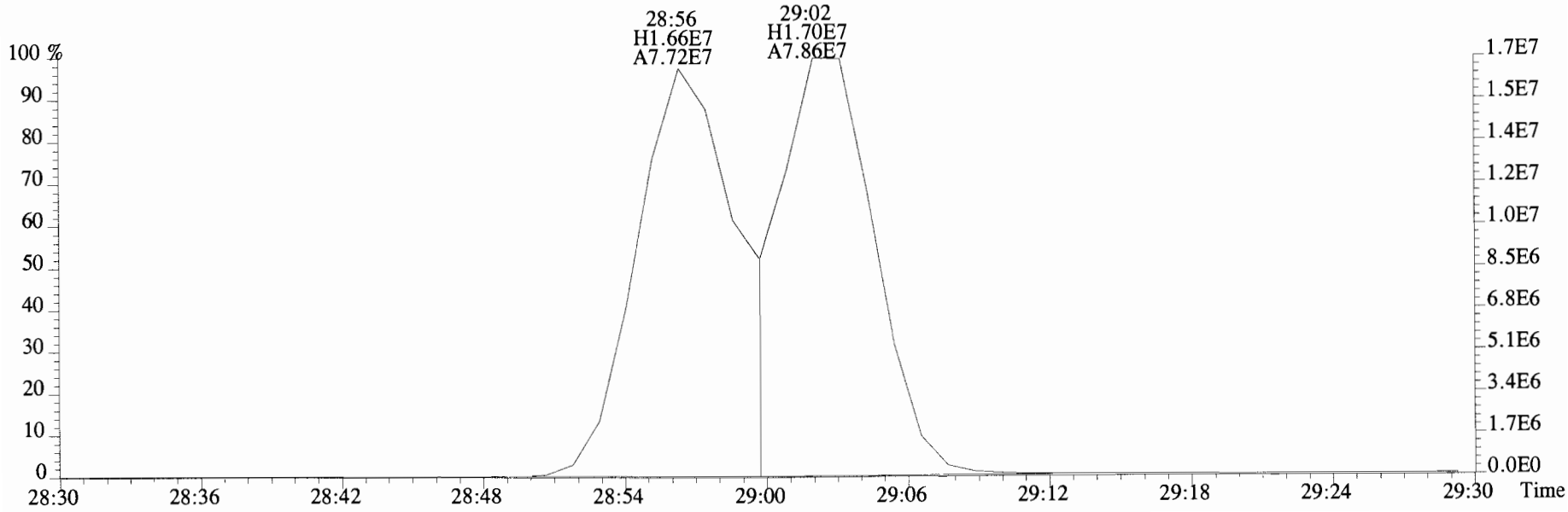
330.9792 F:3



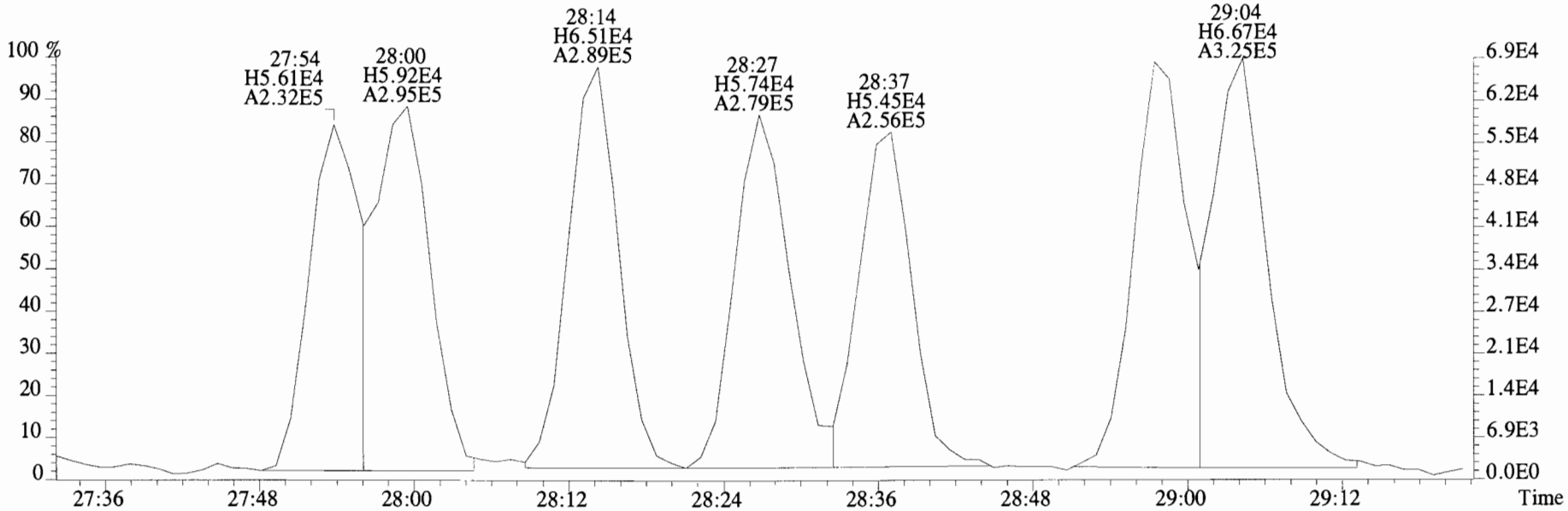
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
268.0016 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,83000.0,0.00%,F,F)



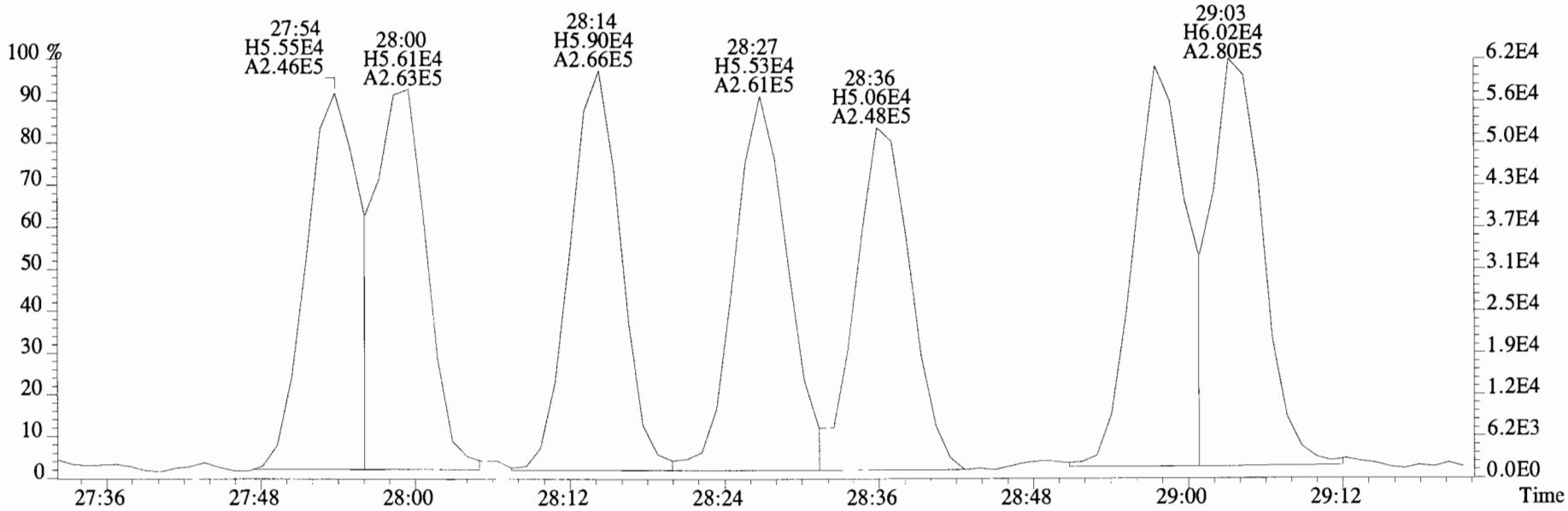
269.9986 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,40848.0,0.00%,F,F)



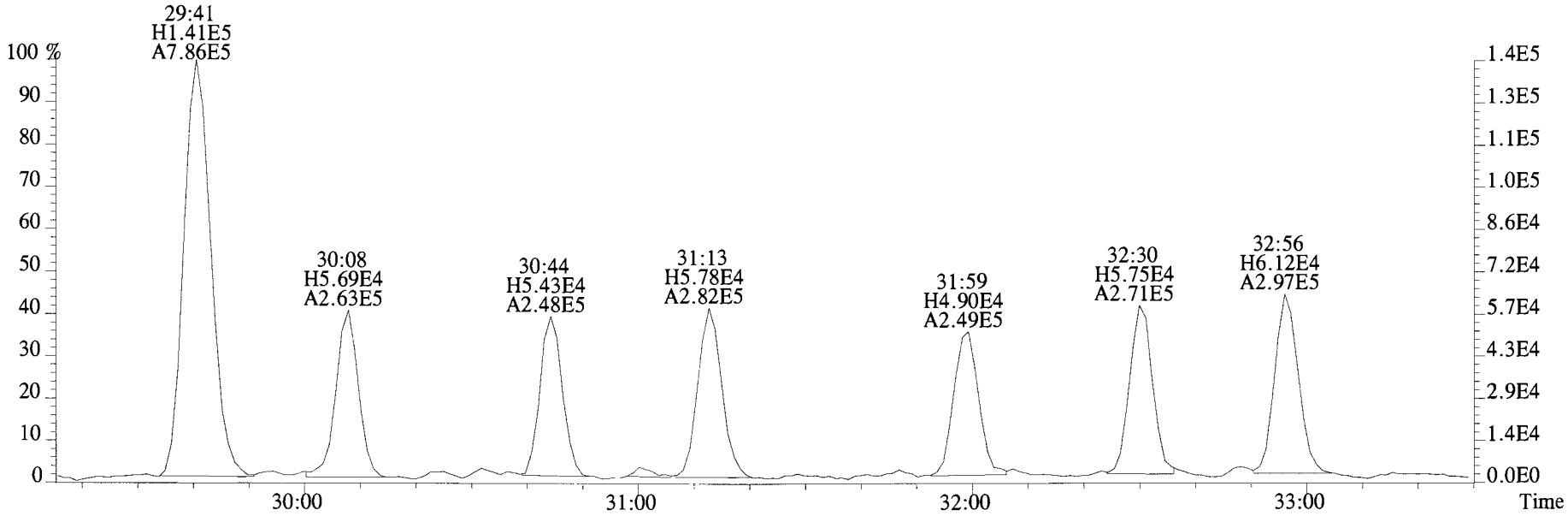
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)



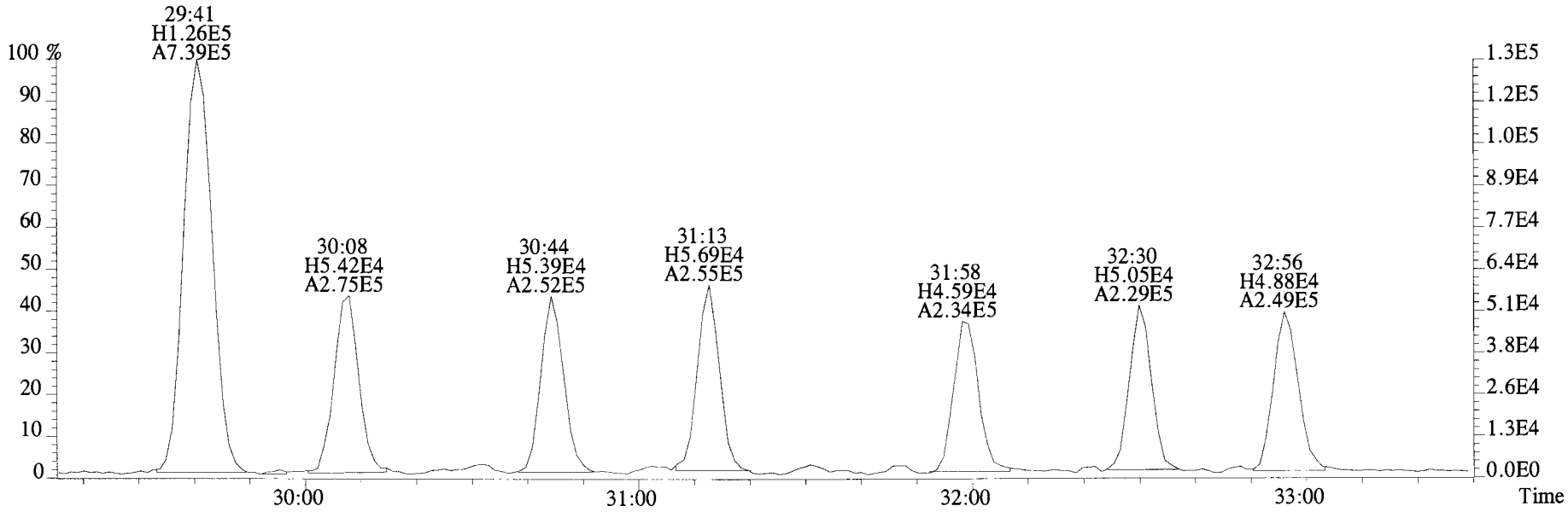
257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)



File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
255.9613 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3300.0,0.00%,F,F)

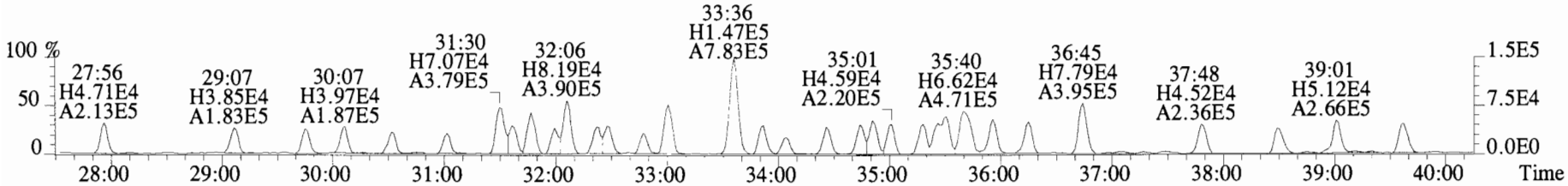


257.9584 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2616.0,0.00%,F,F)

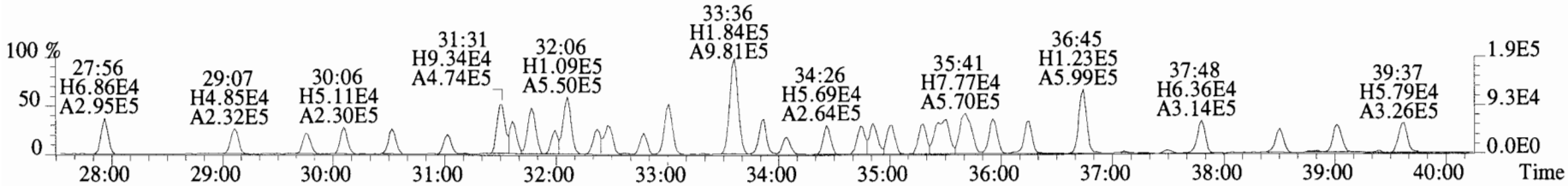


File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

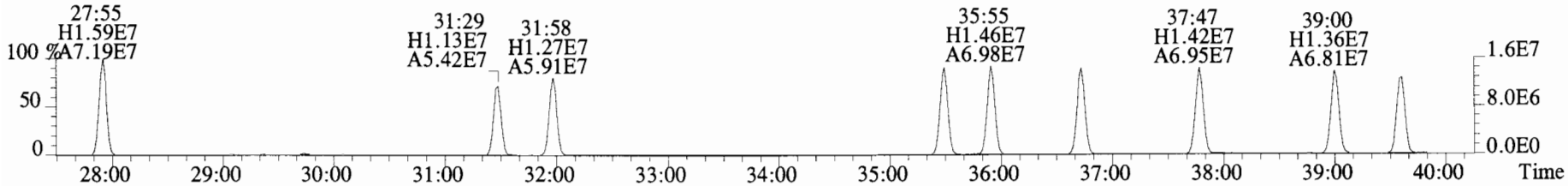
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



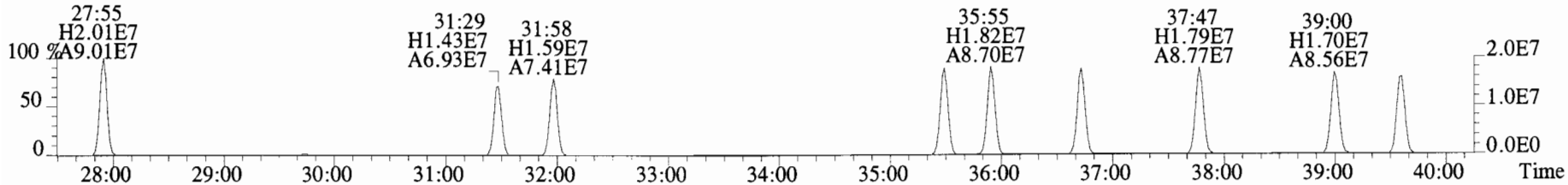
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



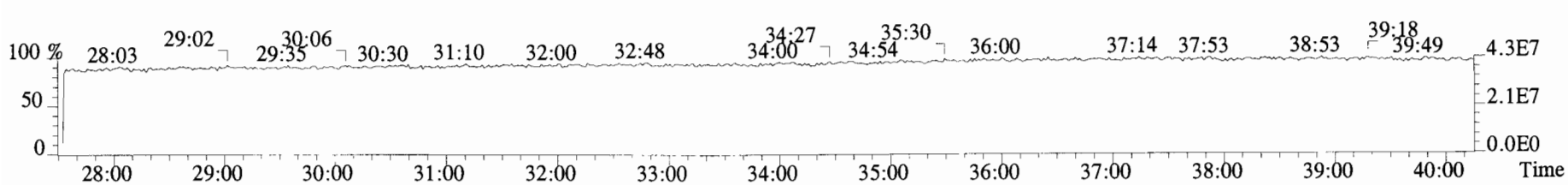
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



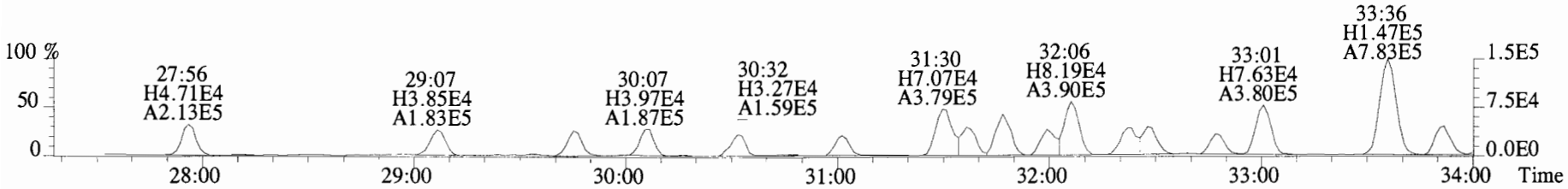
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



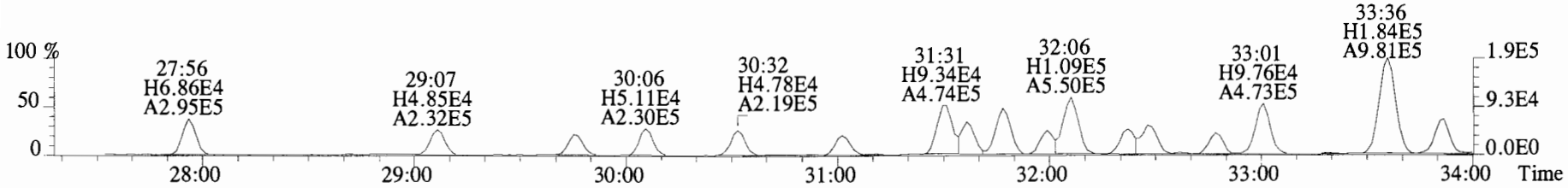
330.9792 F:3



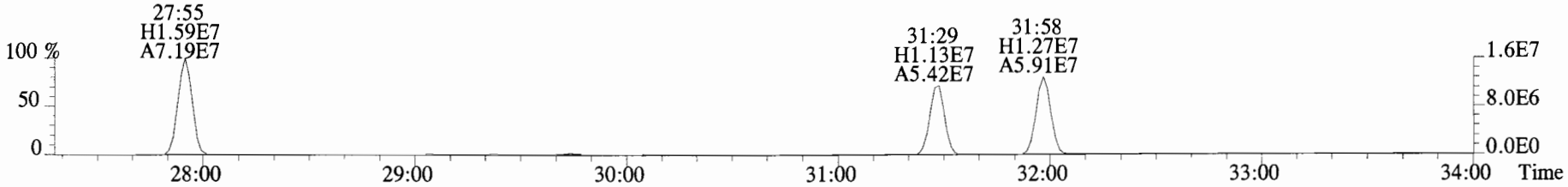
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



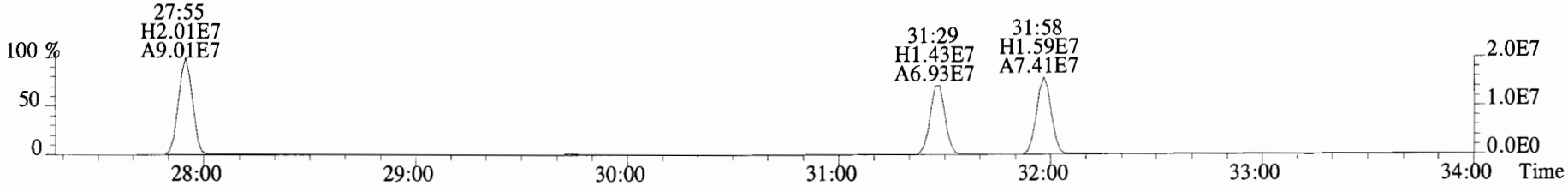
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



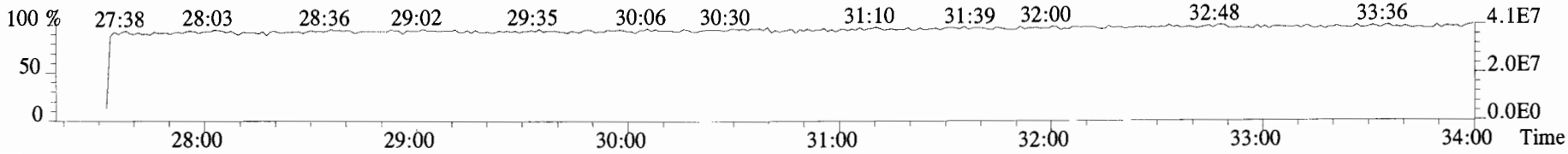
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



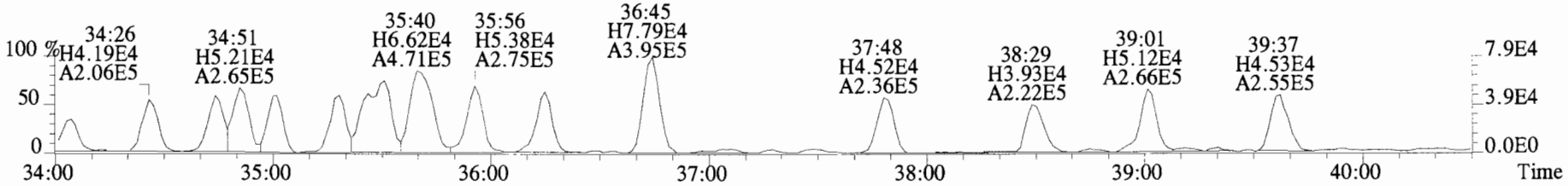
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



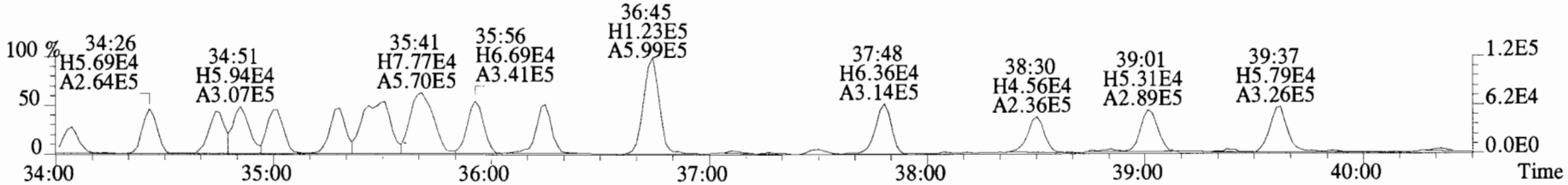
330.9792 F:3



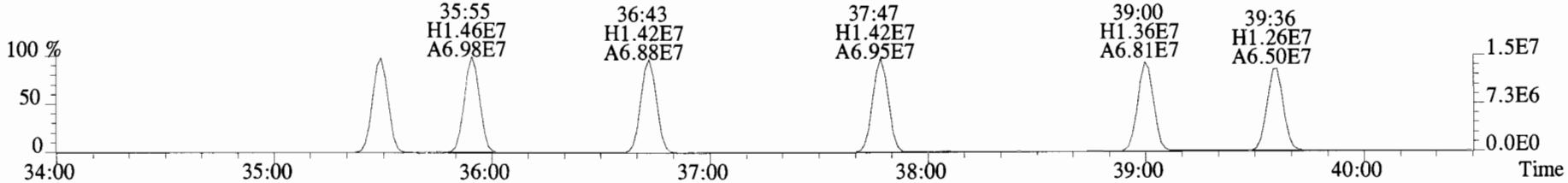
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



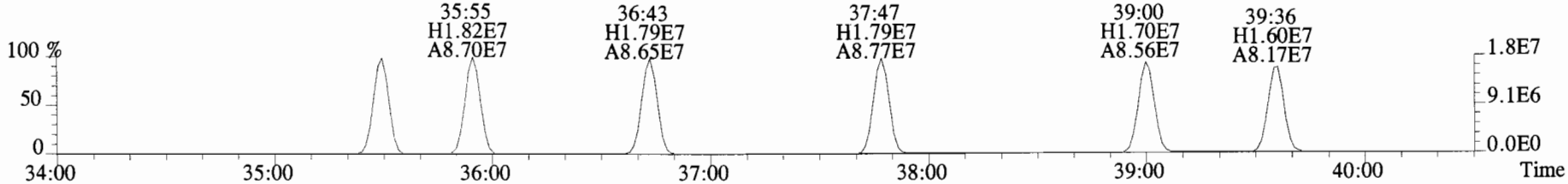
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



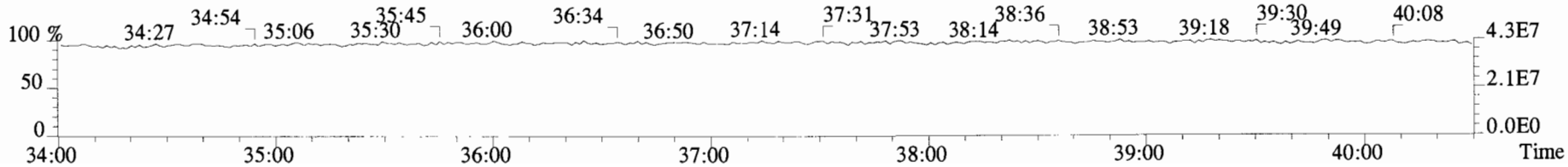
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



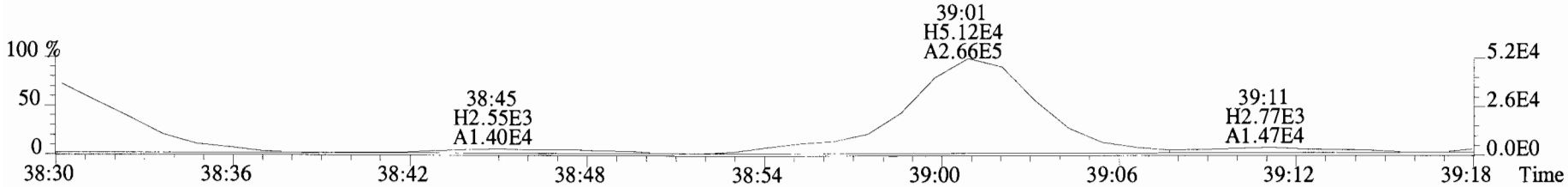
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



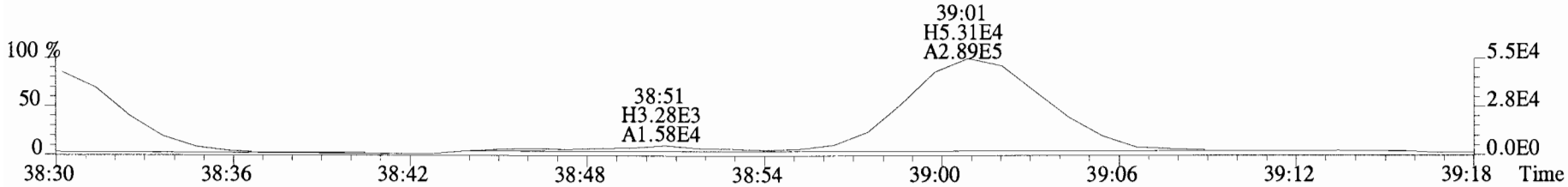
330.9792 F:3



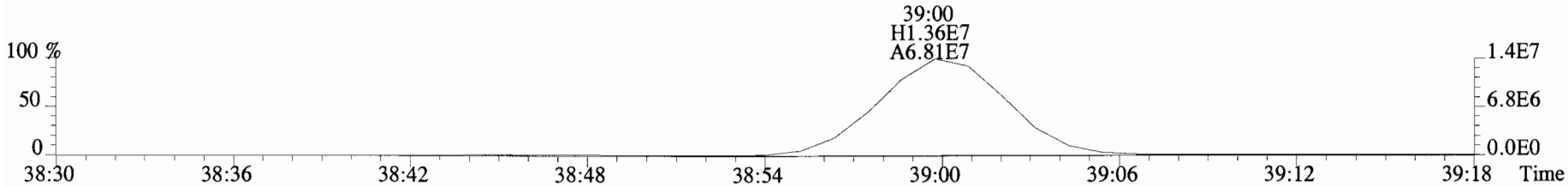
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2924.0,0.00%,F,F)



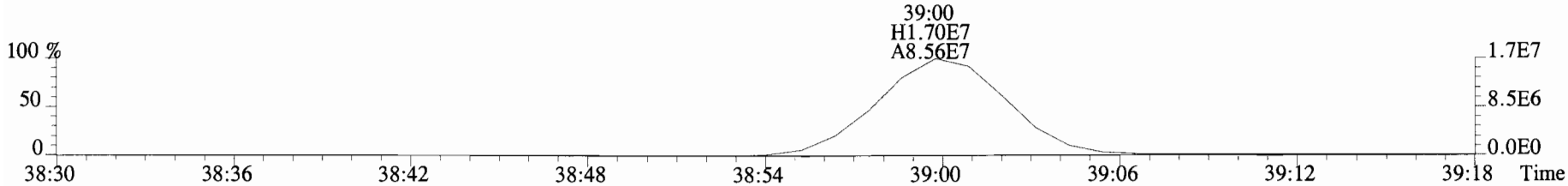
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2356.0,0.00%,F,F)



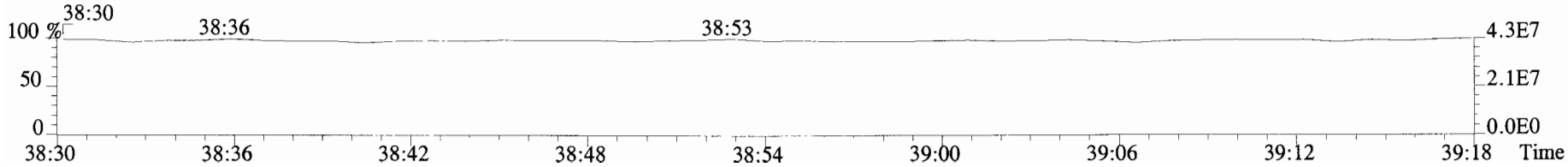
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



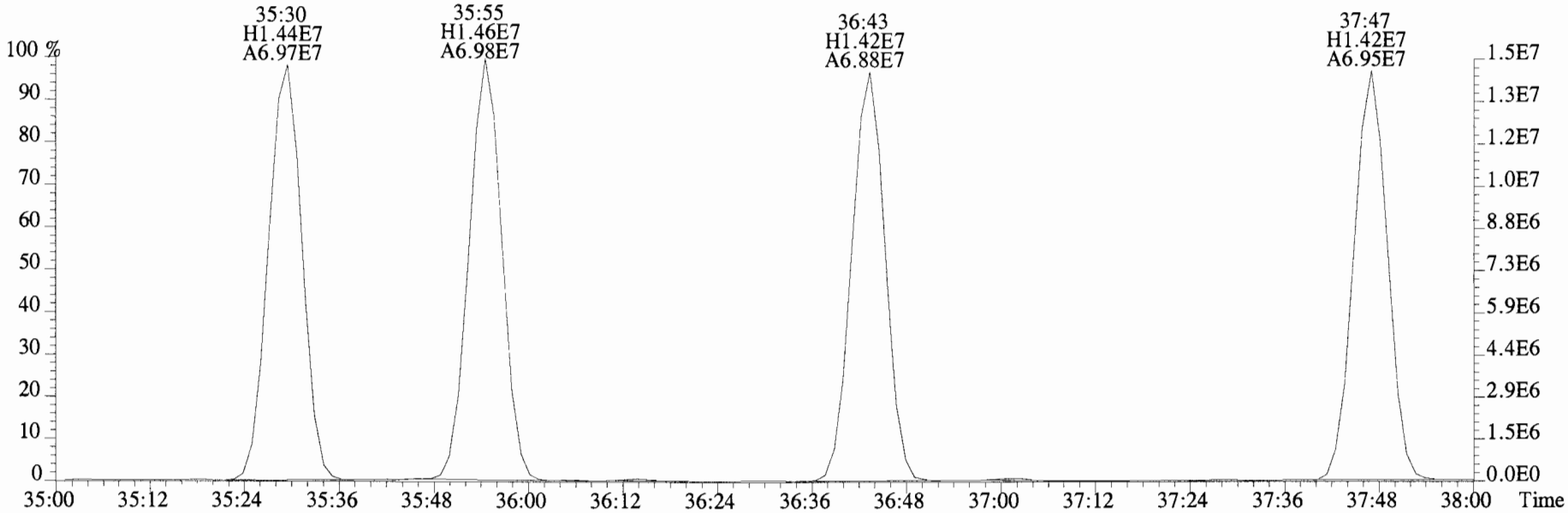
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



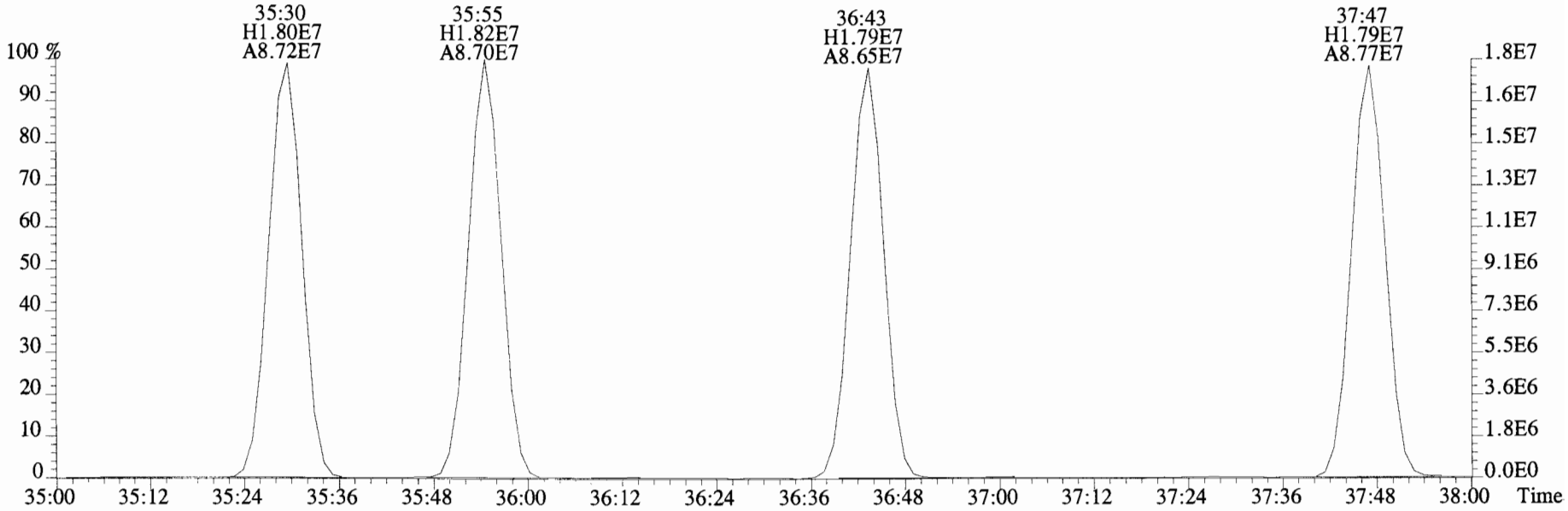
330.9792 F:3



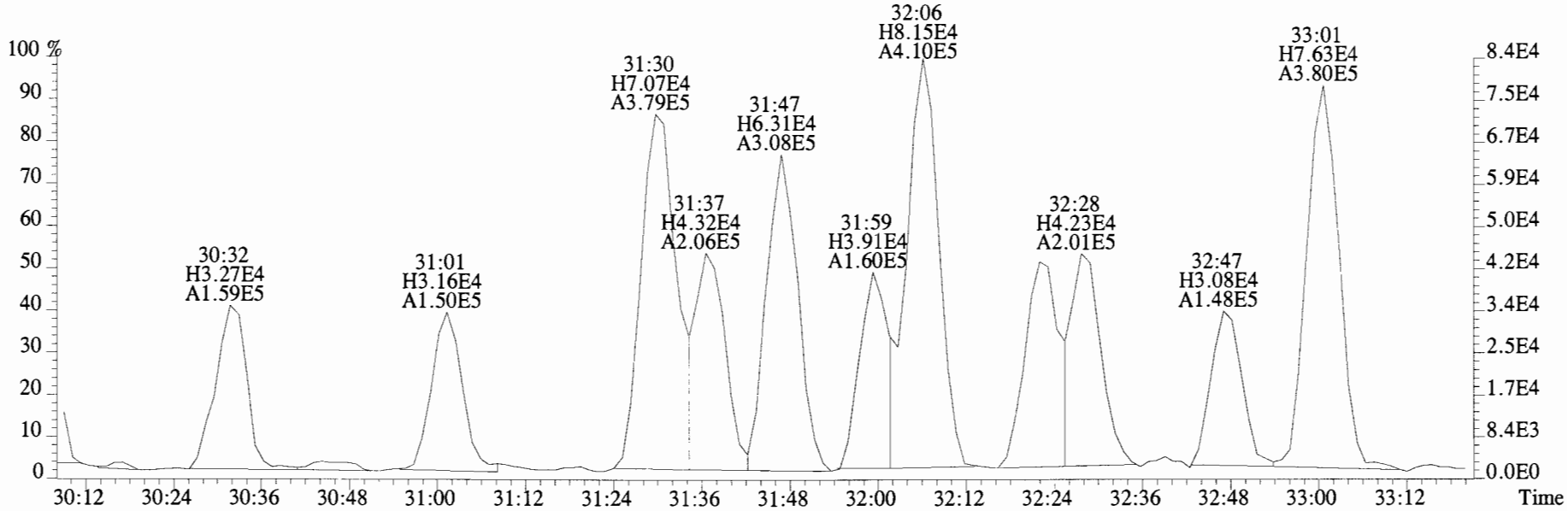
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
301.9626 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35432.0,0.00%,F,F)



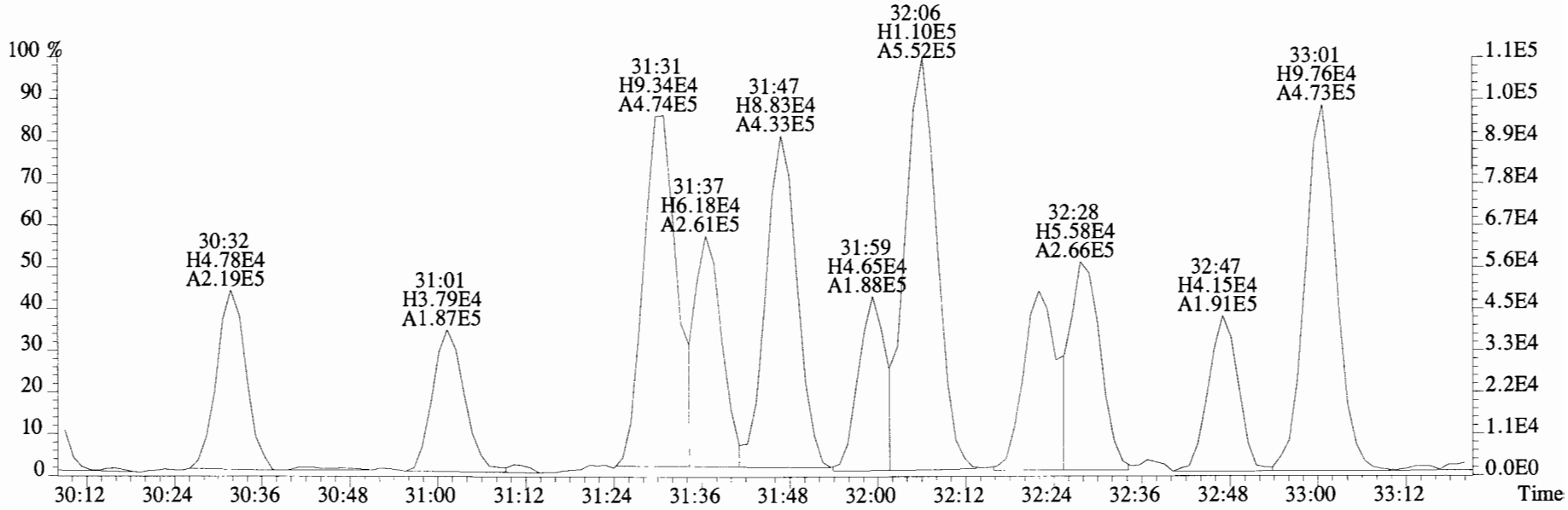
303.9597 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21140.0,0.00%,F,F)



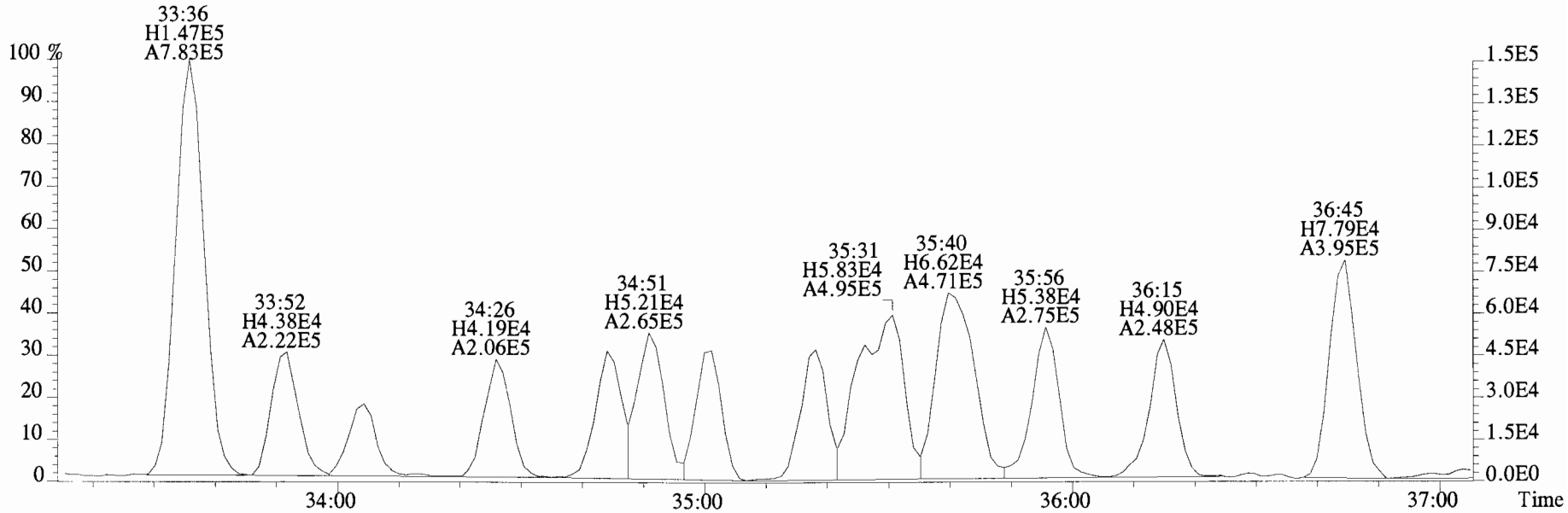
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0)



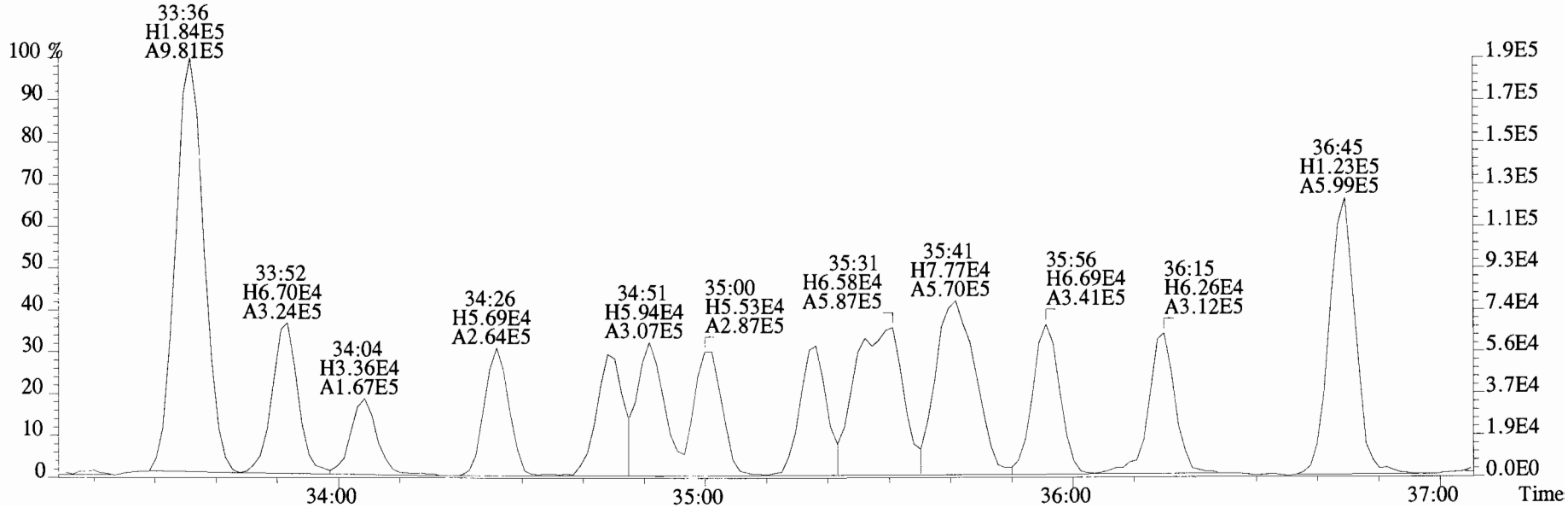
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0)



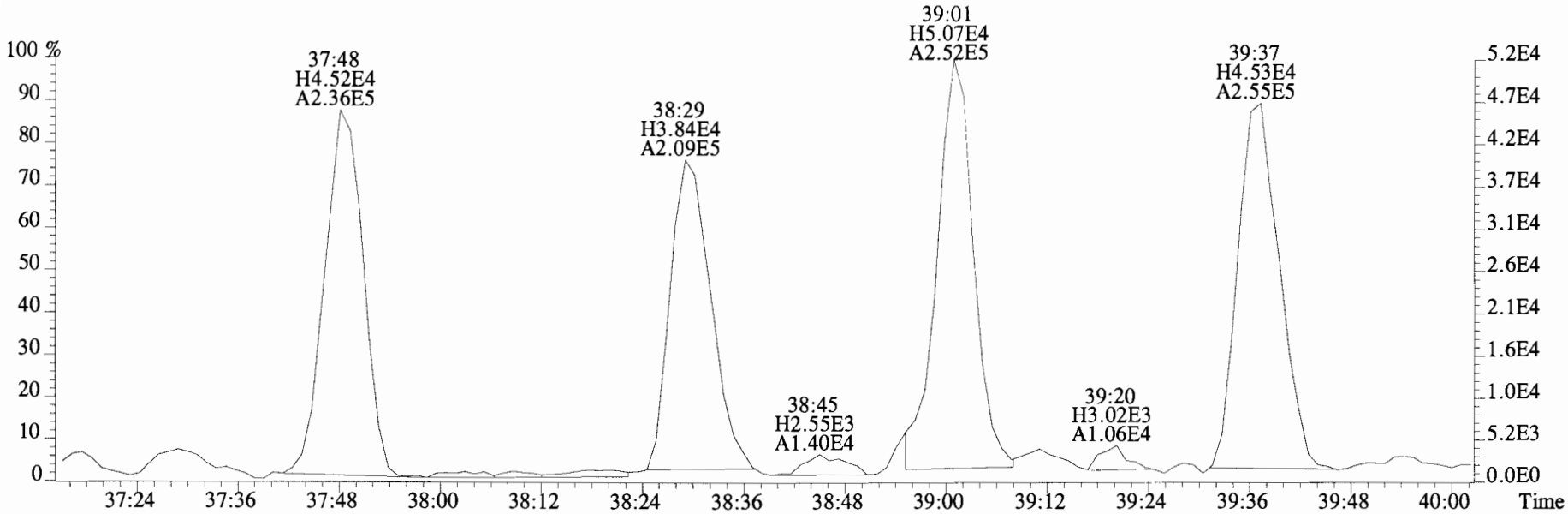
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0)



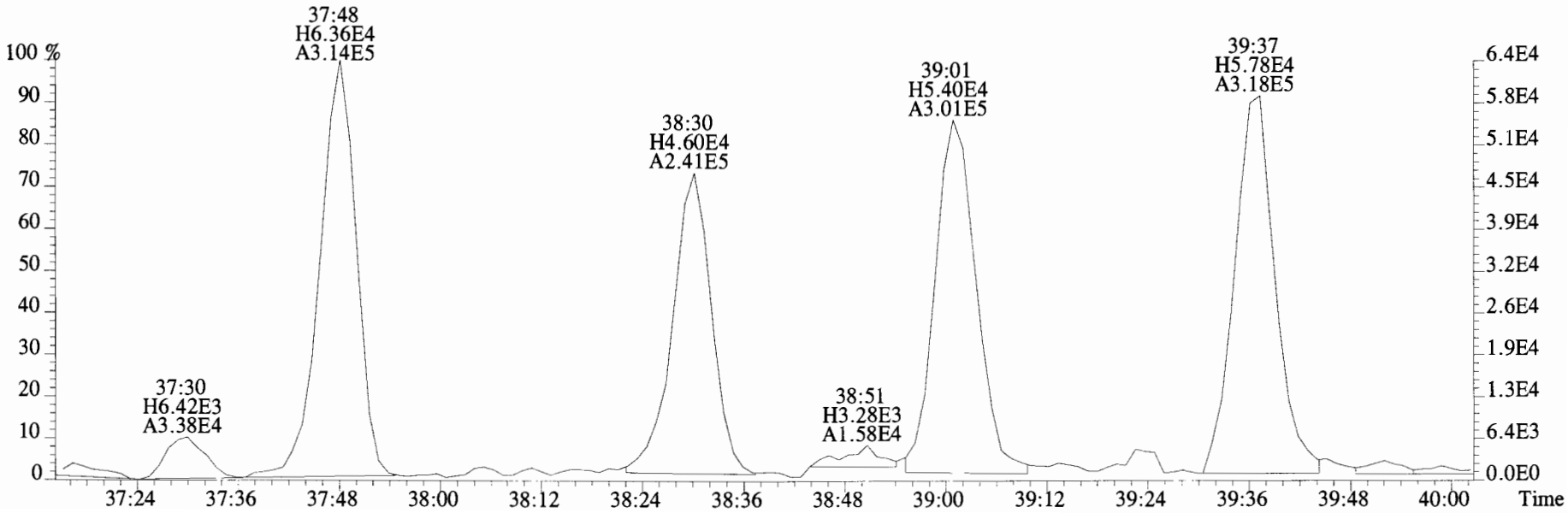
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0)



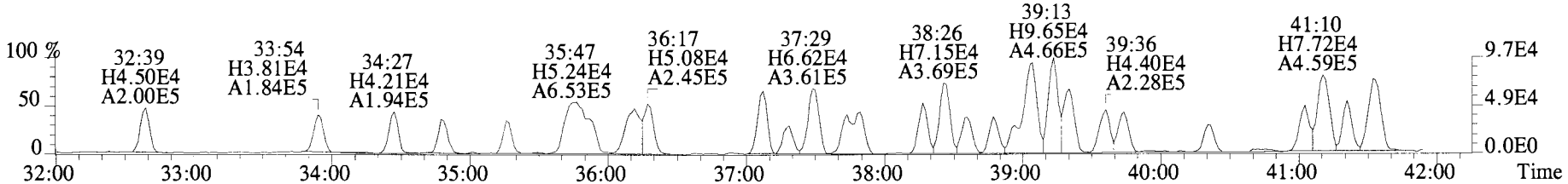
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
289.9224 F:3 SMO(1,3) BSUB(10000,15,-3.0)



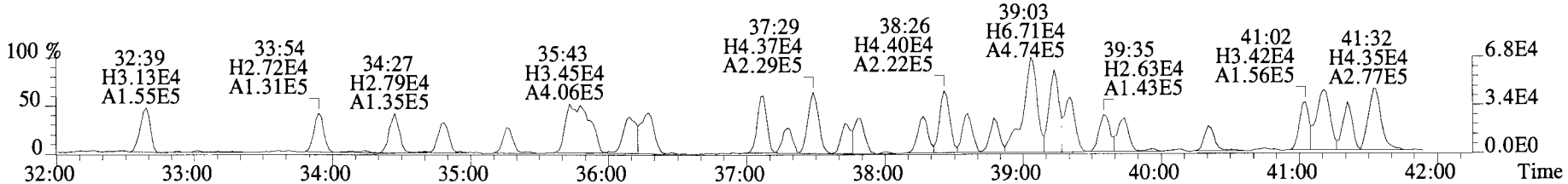
291.9194 F:3 SMO(1,3) BSUB(10000,15,-3.0)



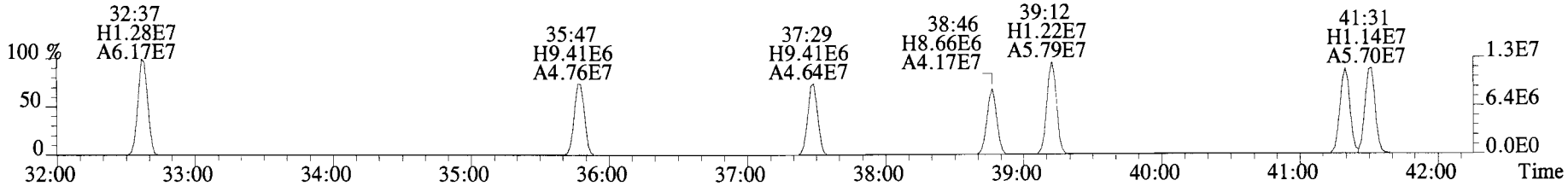
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)



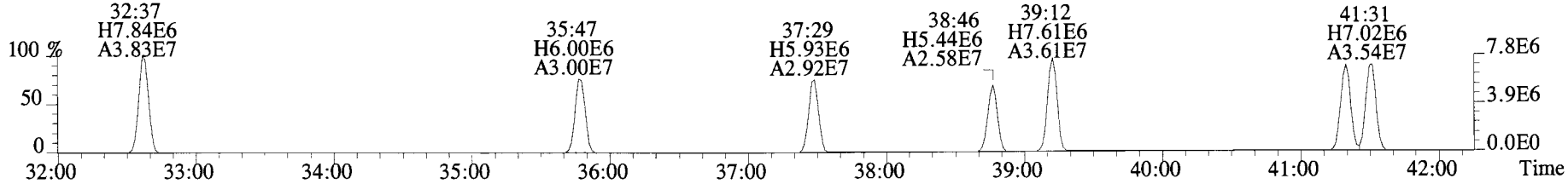
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



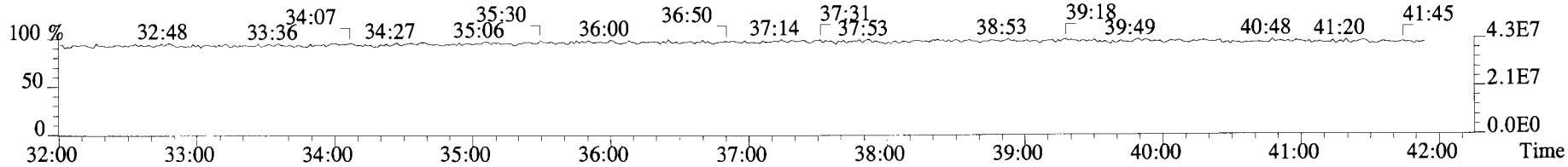
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



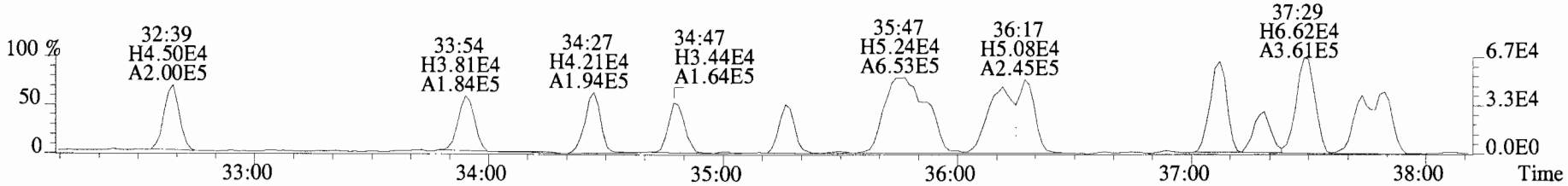
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)



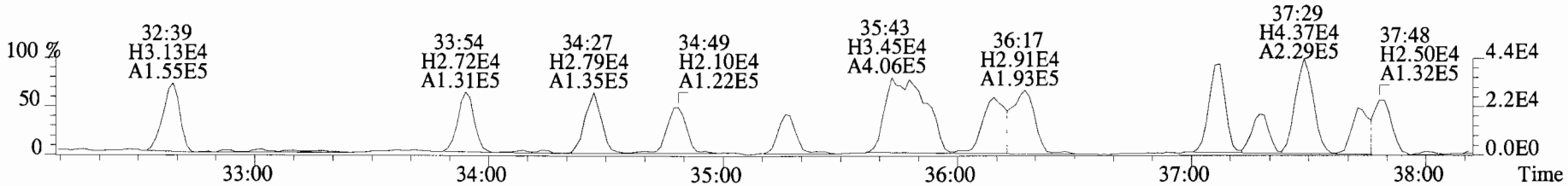
330.9792 F:3



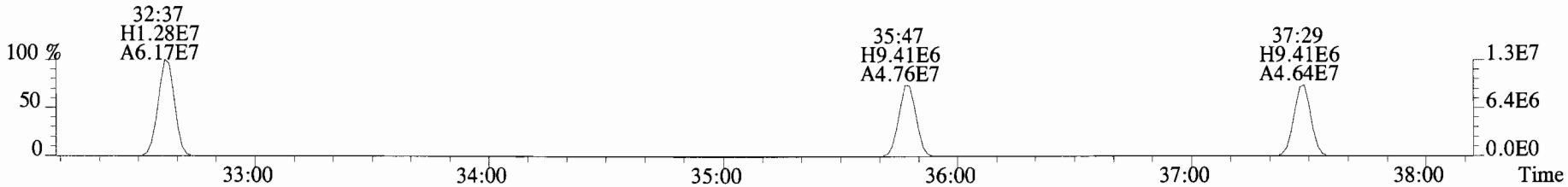
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)



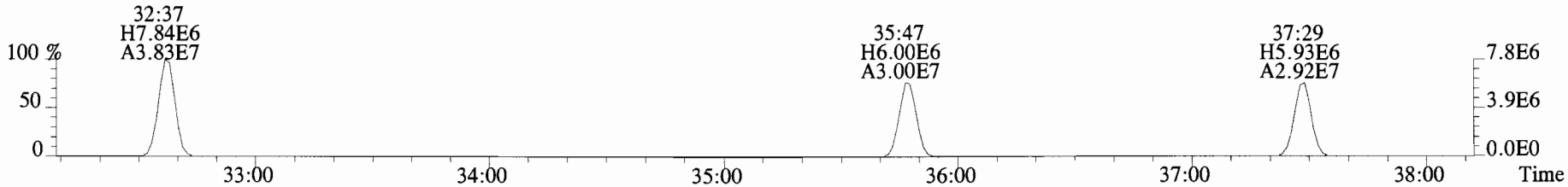
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



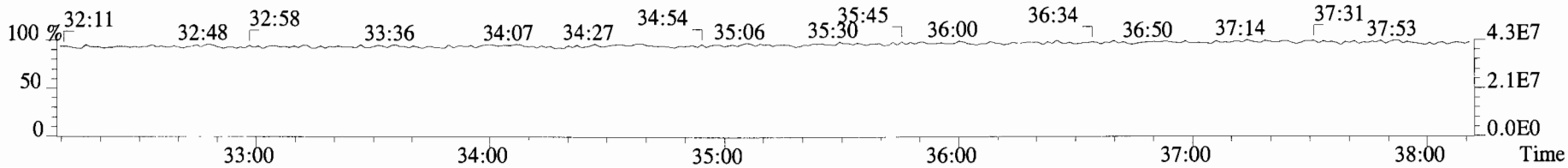
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)

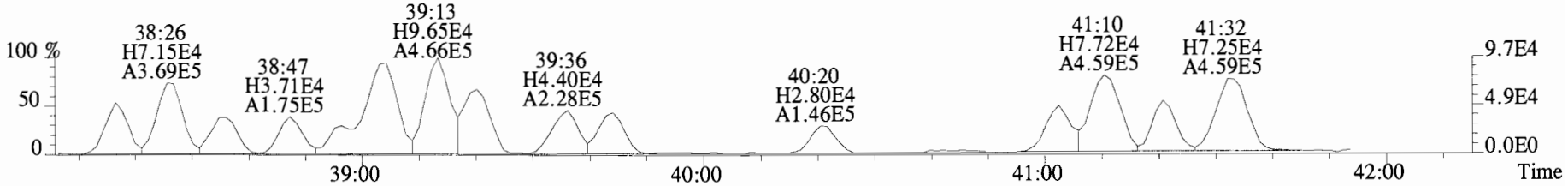


330.9792 F:3

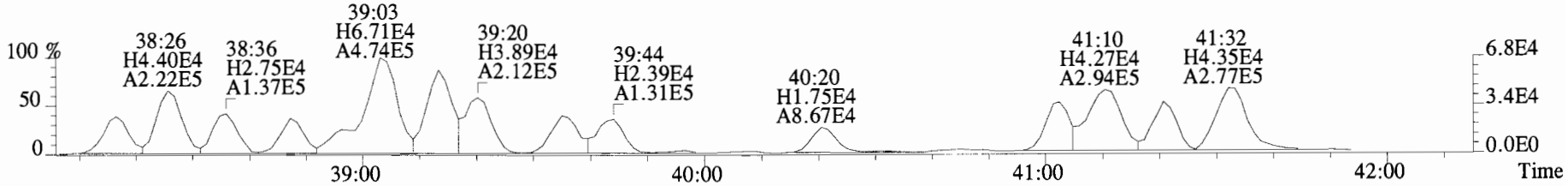


File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

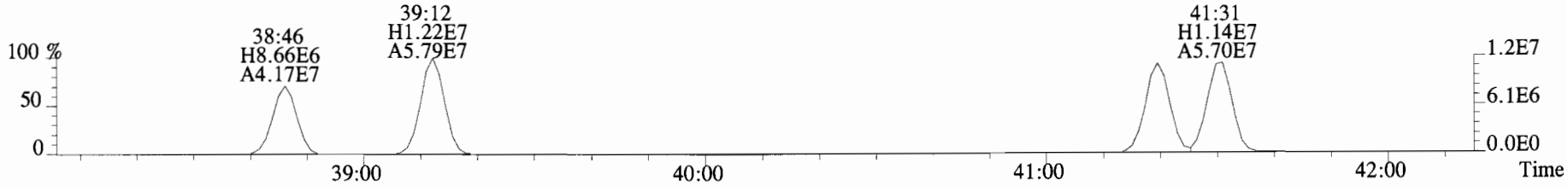
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)



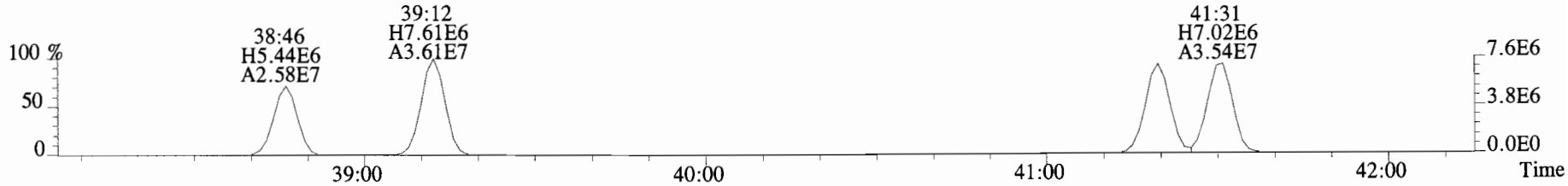
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)



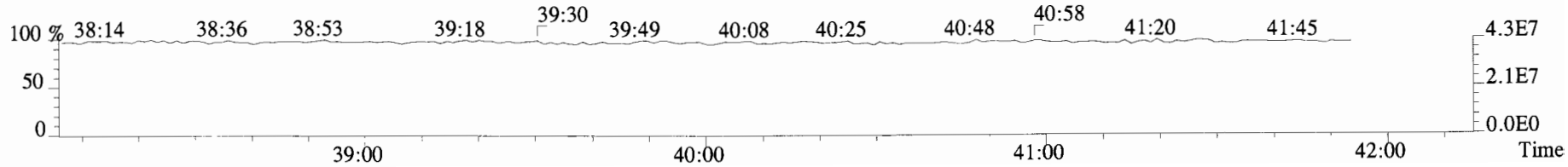
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



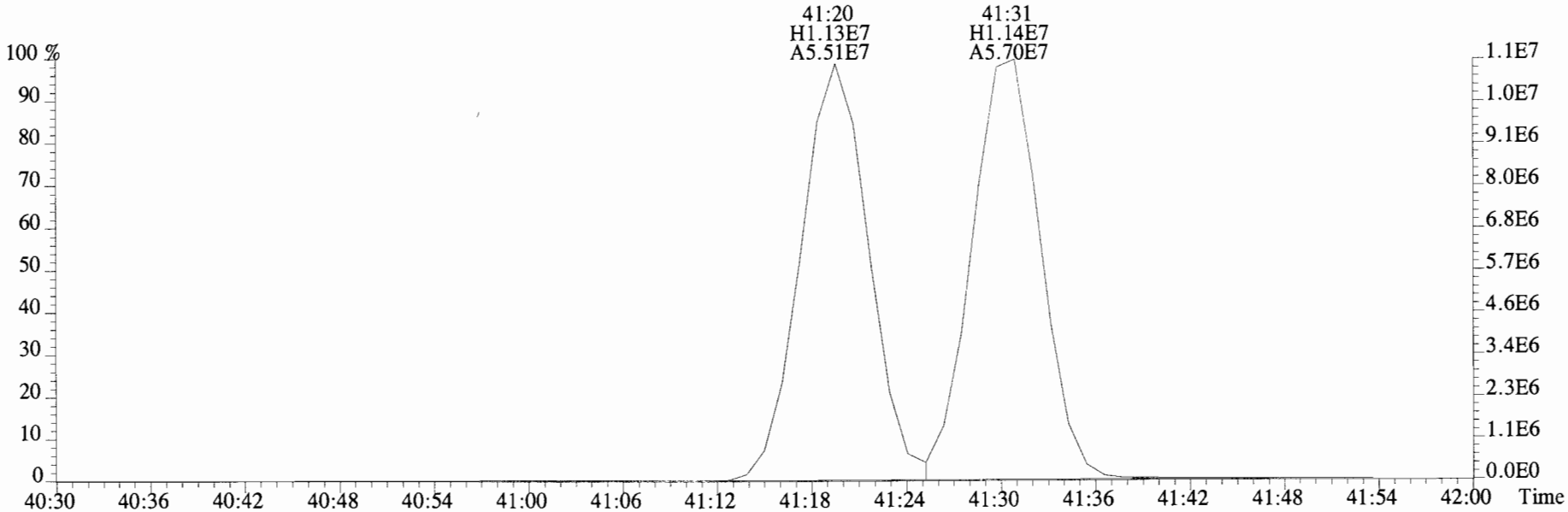
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)



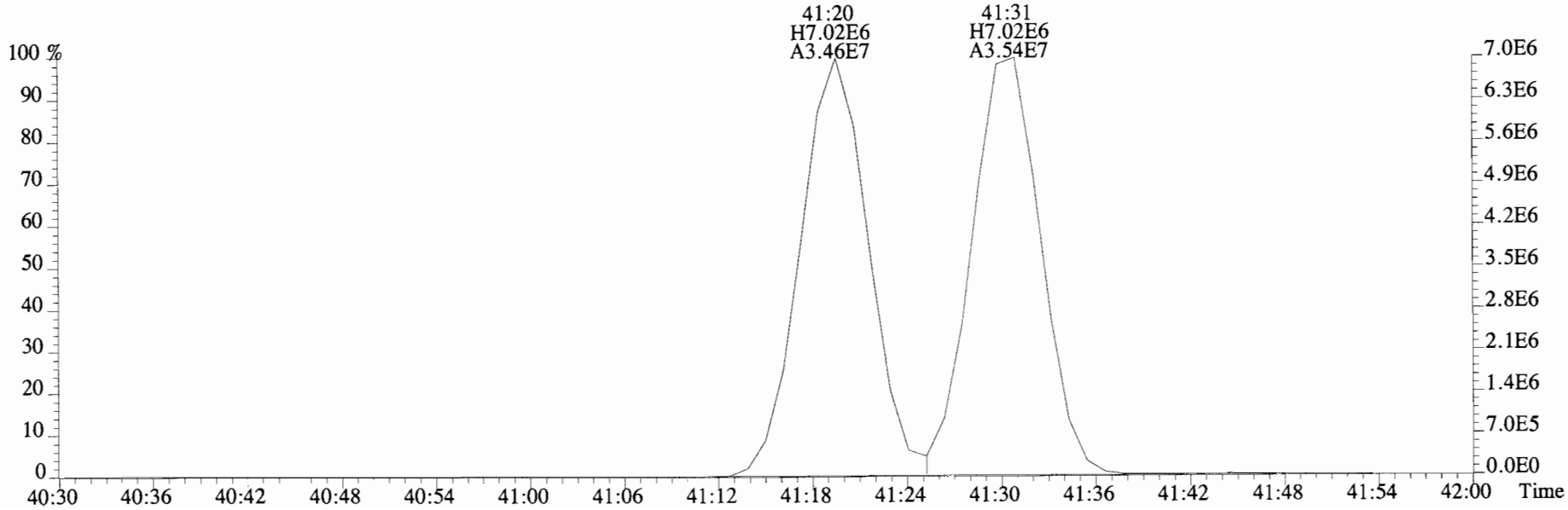
330.9792 F:3



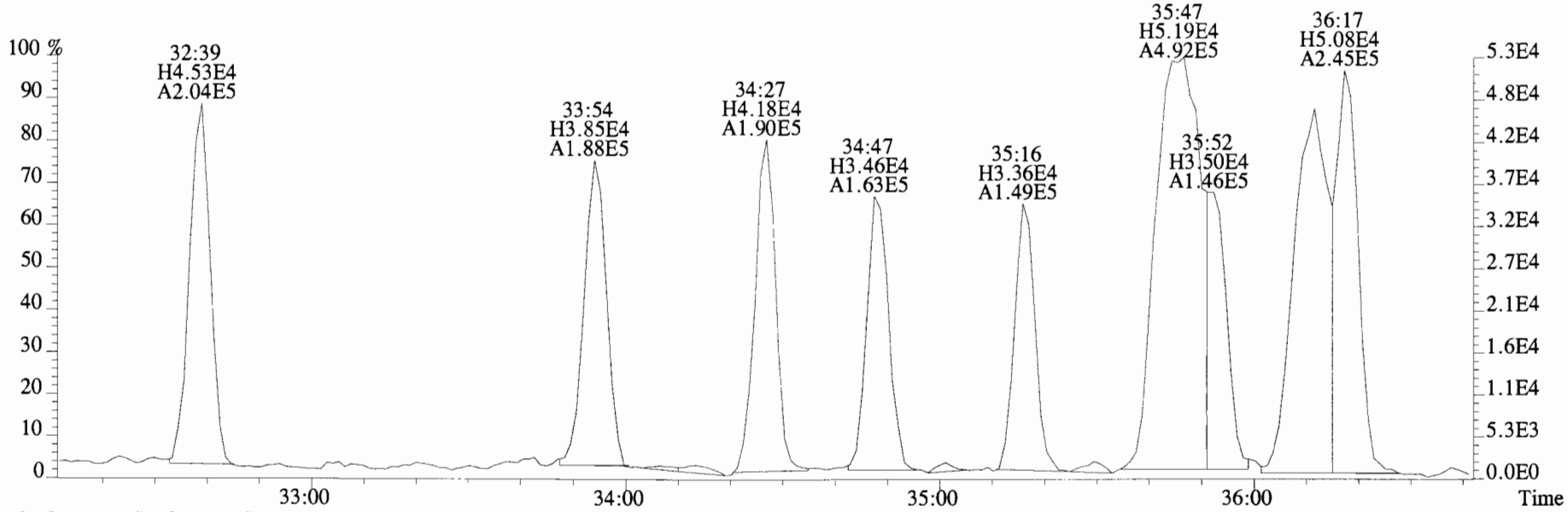
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
337.9207 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



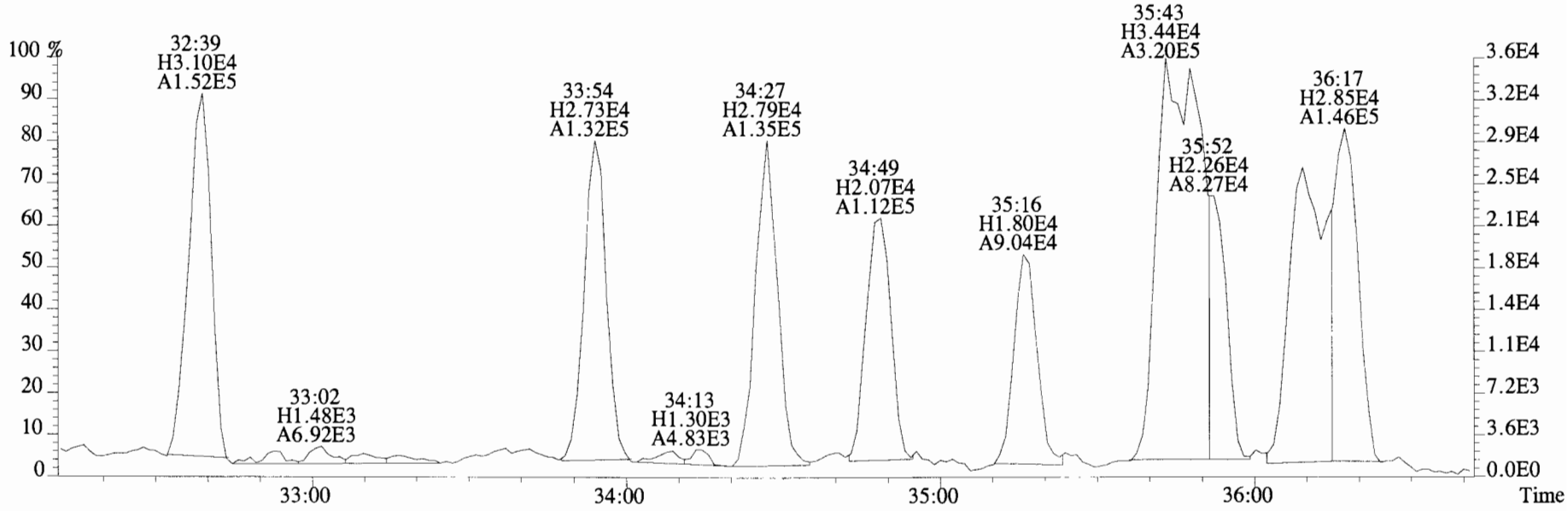
339.9177 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4604.0,0.00%,F,F)



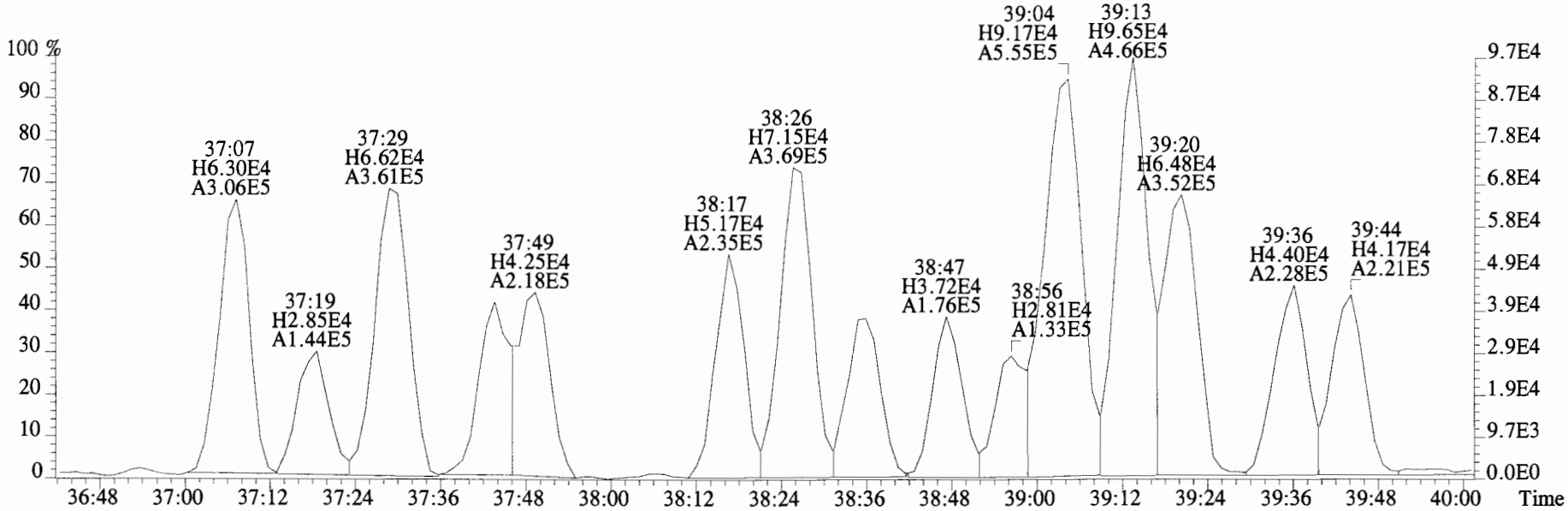
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0)



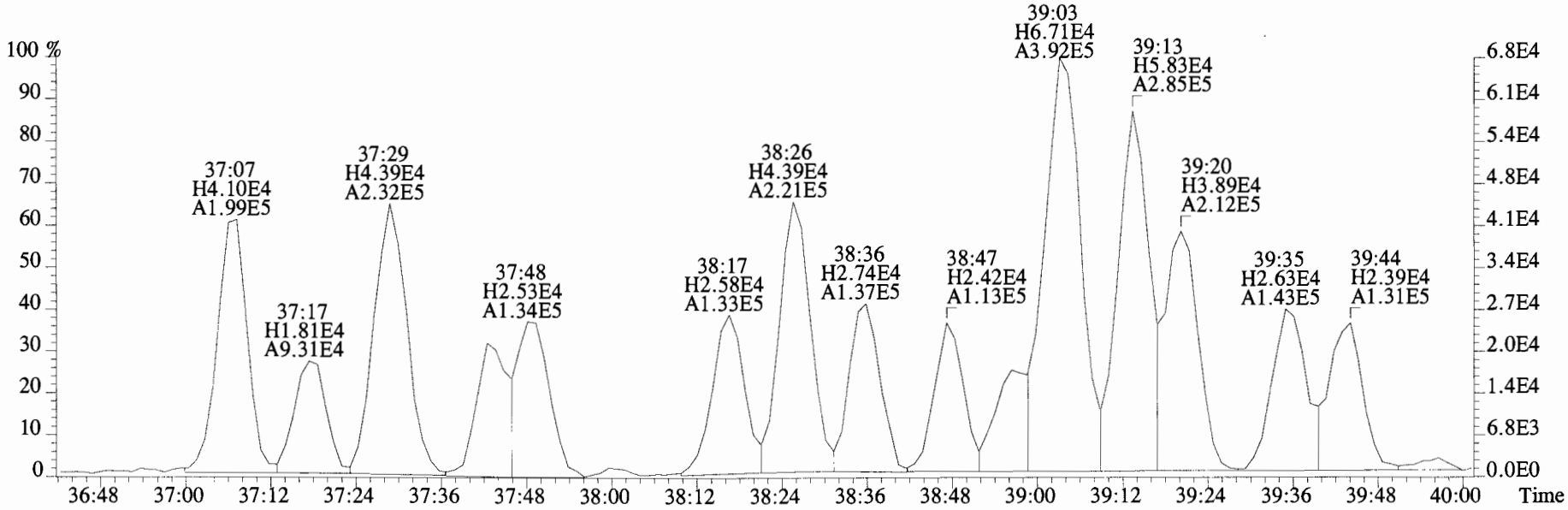
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0)



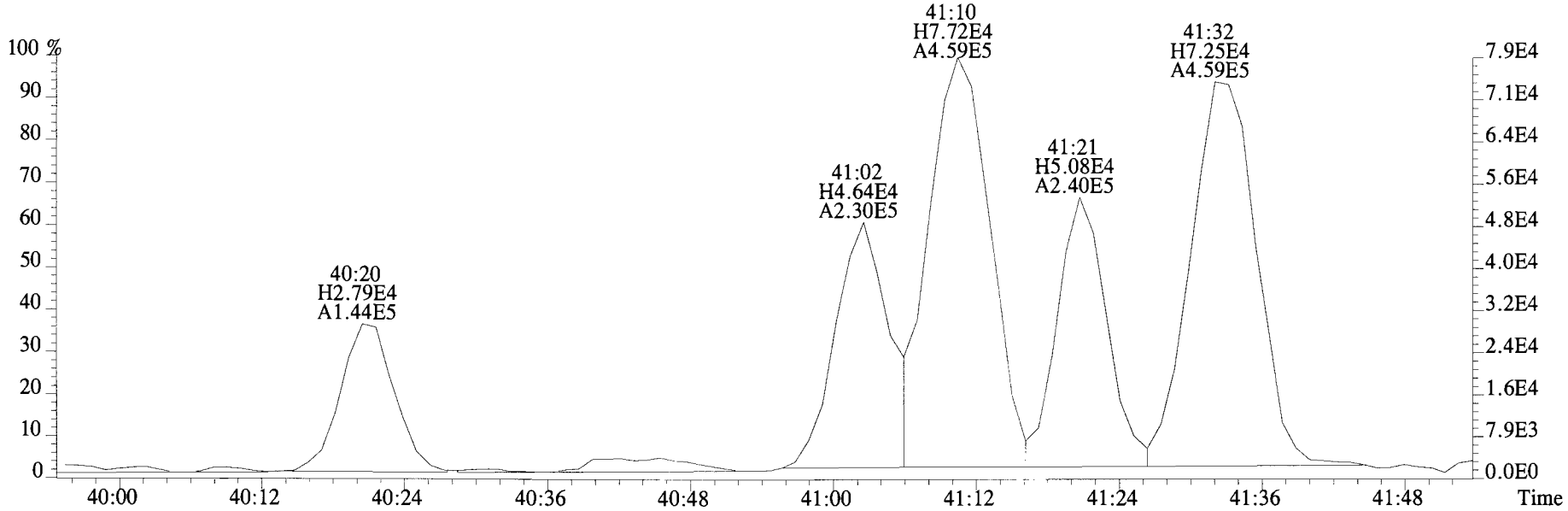
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0)



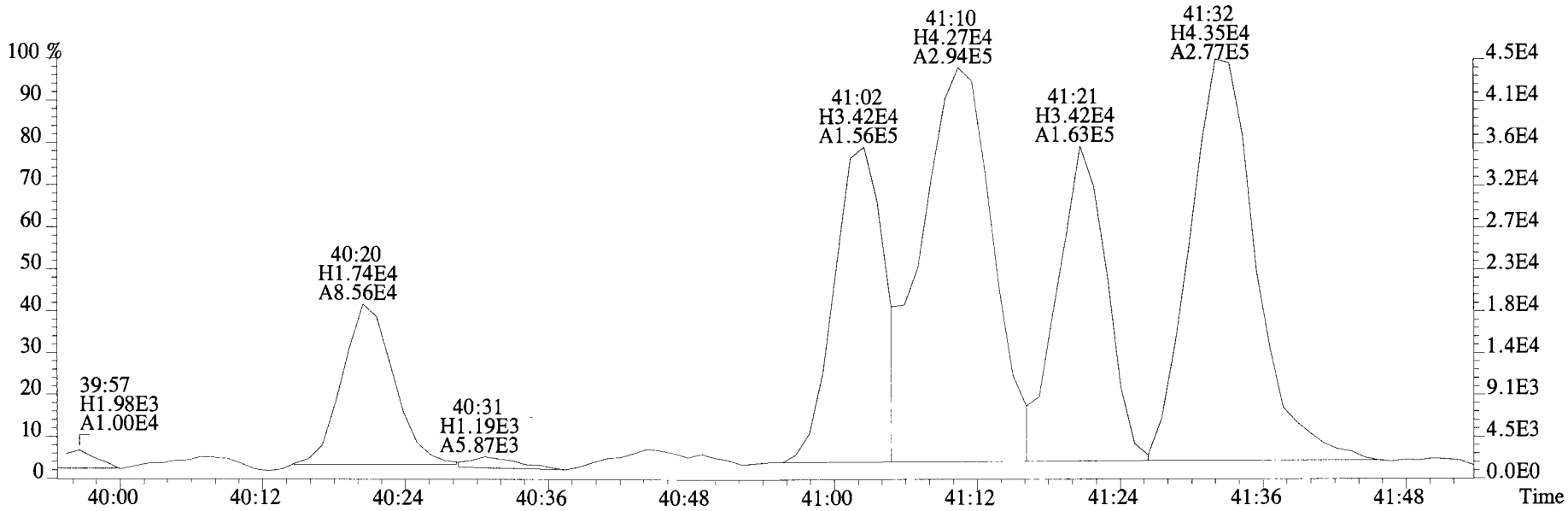
327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0)



File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2052.0,0.00%,F,F)

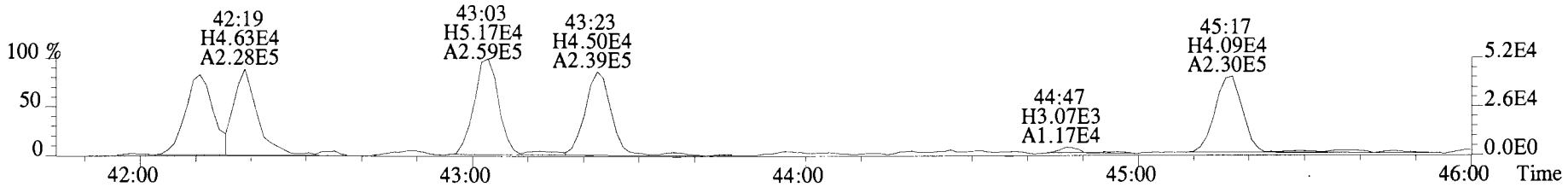


327.8775 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2188.0,0.00%,F,F)

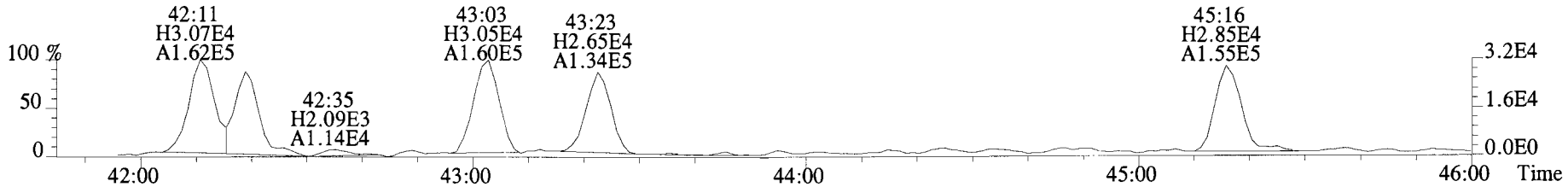


File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

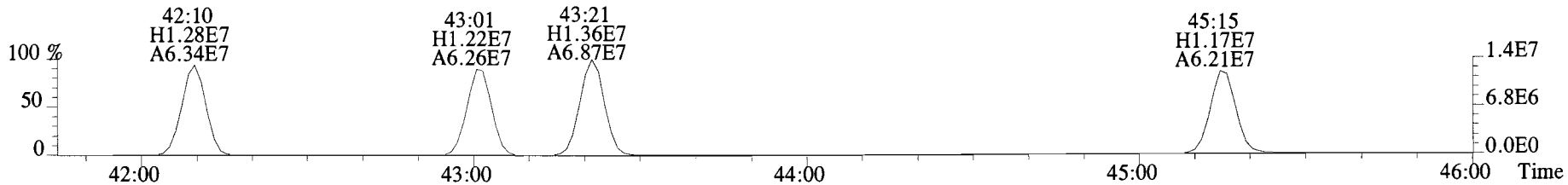
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



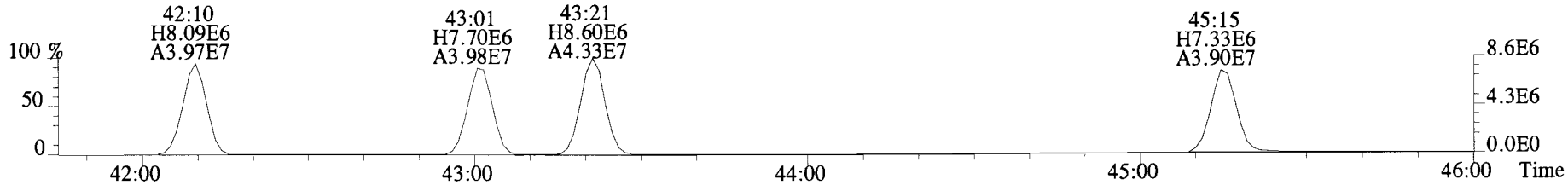
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



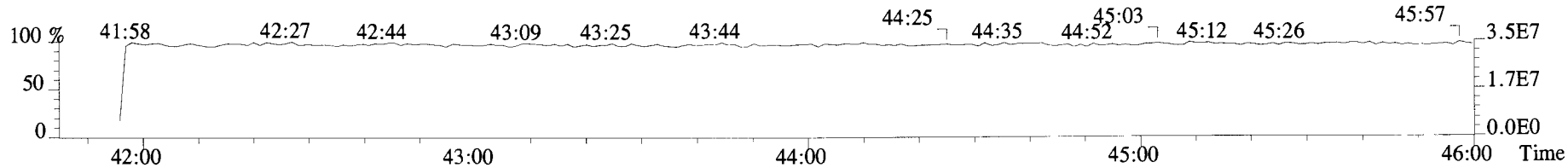
337.9207 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6296.0,0.00%,F,F)



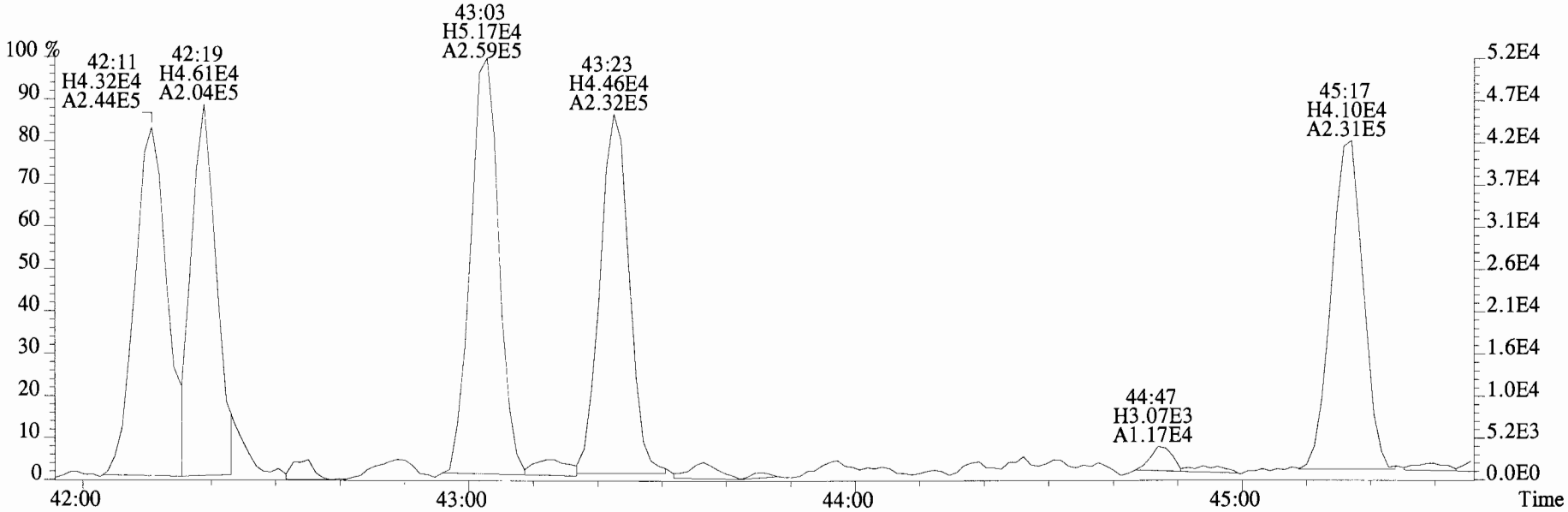
339.9177 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5636.0,0.00%,F,F)



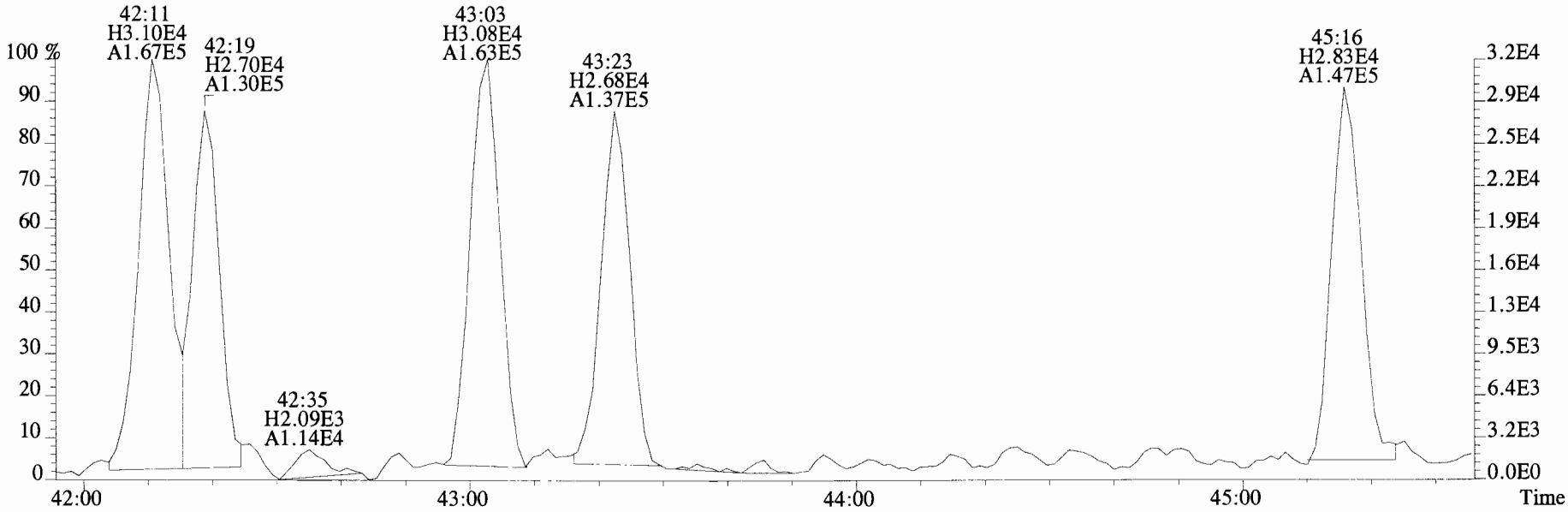
380.9760 F:4



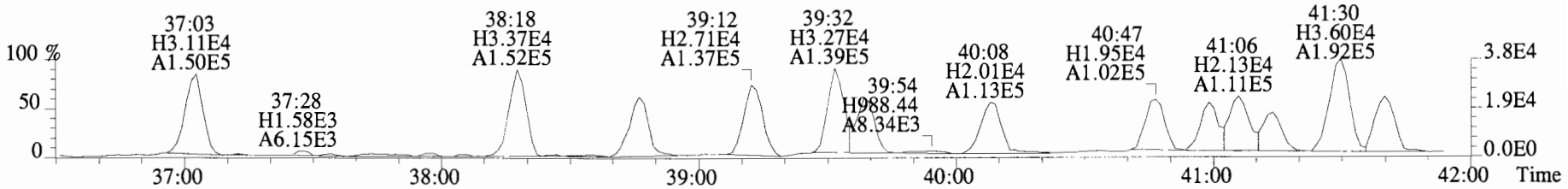
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
325.8804 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2068.0,0.00%,F,F)



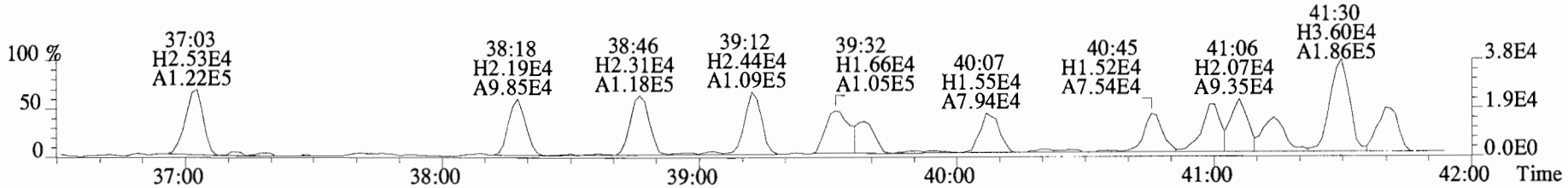
327.8775 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1952.0,0.00%,F,F)



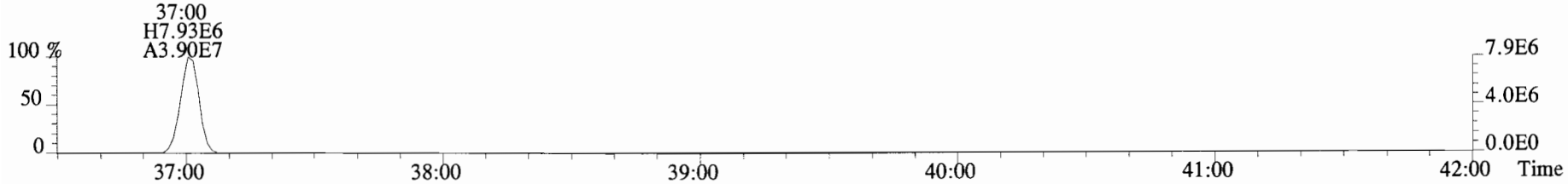
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



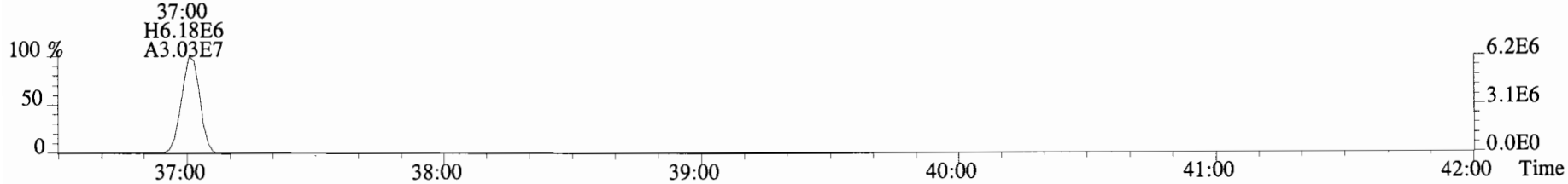
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



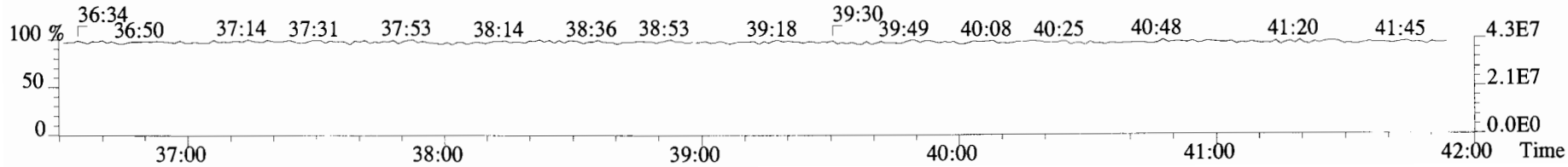
371.8817 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2204.0,0.00%,F,F)



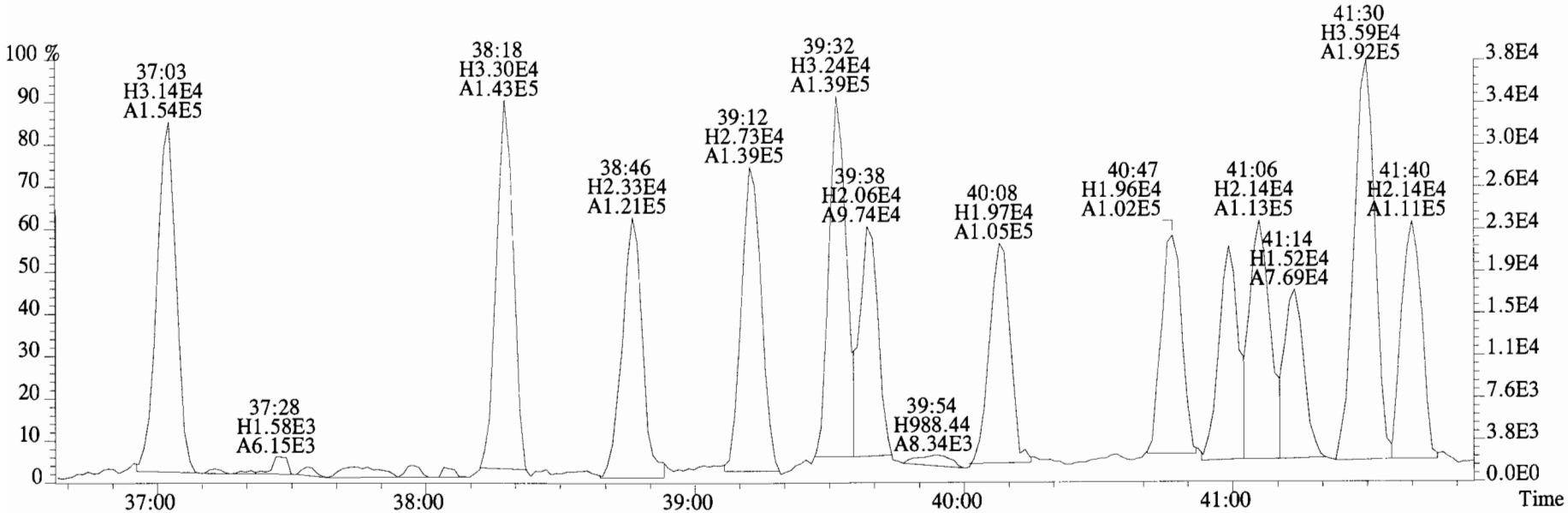
373.8788 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2004.0,0.00%,F,F)



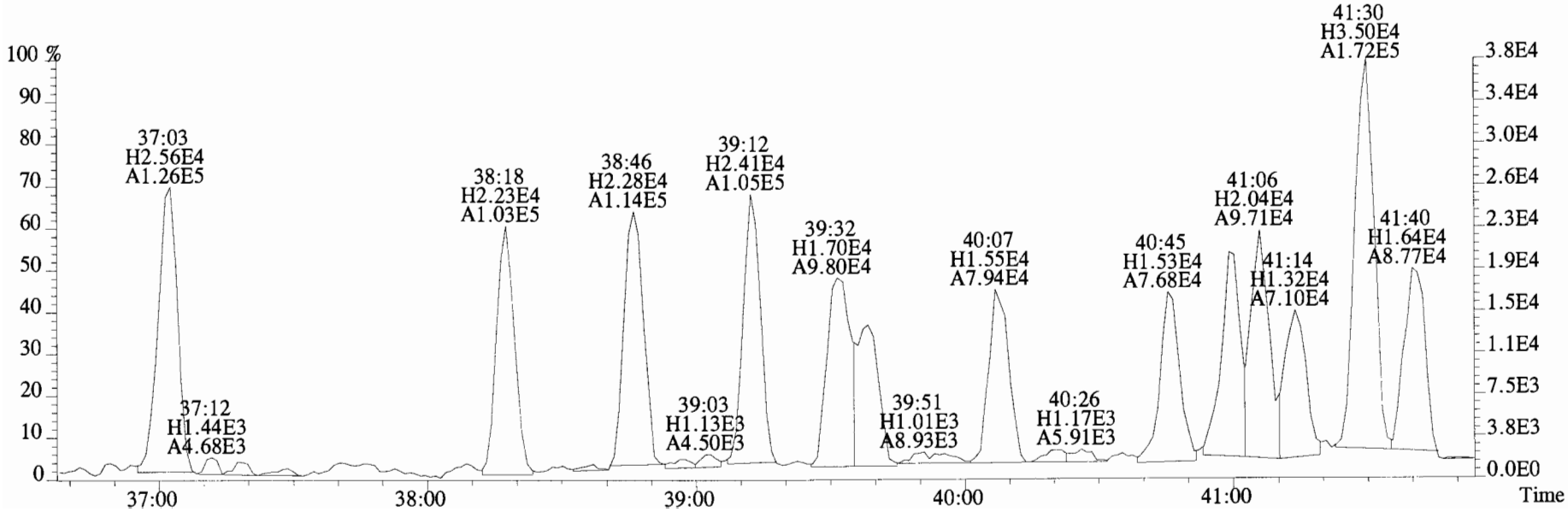
330.9792 F:3



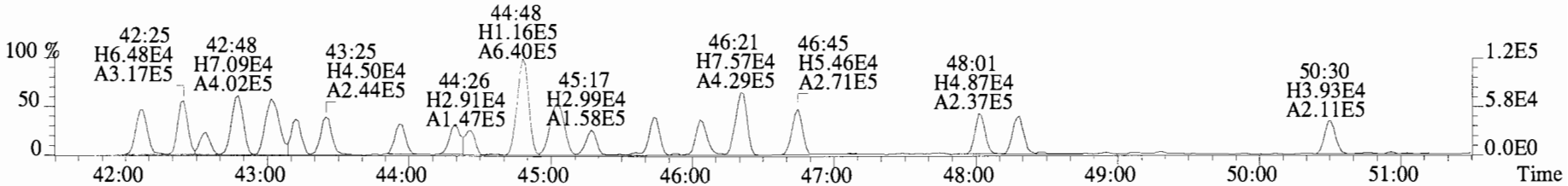
File:171027E1 #1-759 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



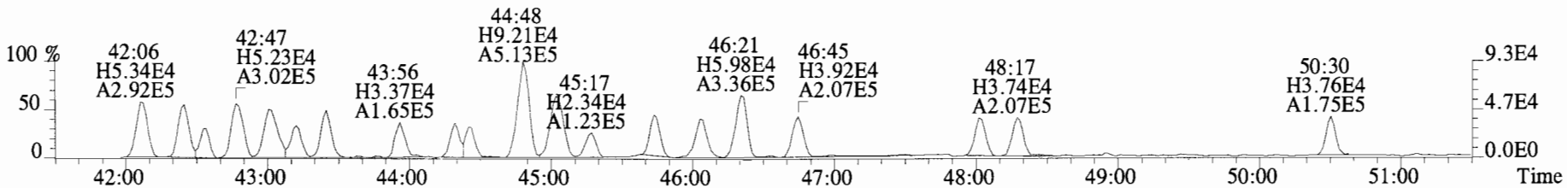
361.8385 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2076.0,0.00%,F,F)



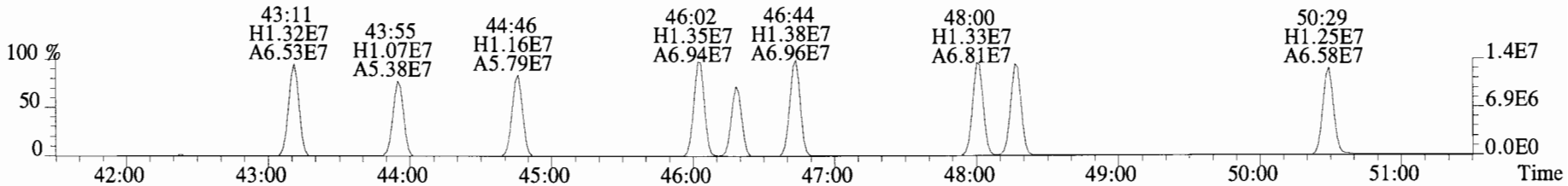
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



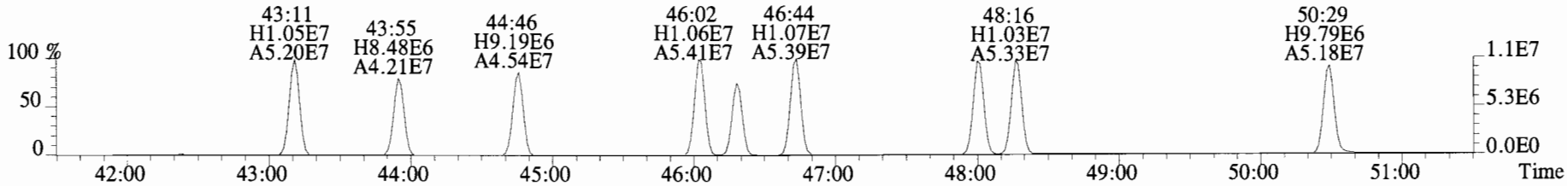
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2644.0,0.00%,F,F)



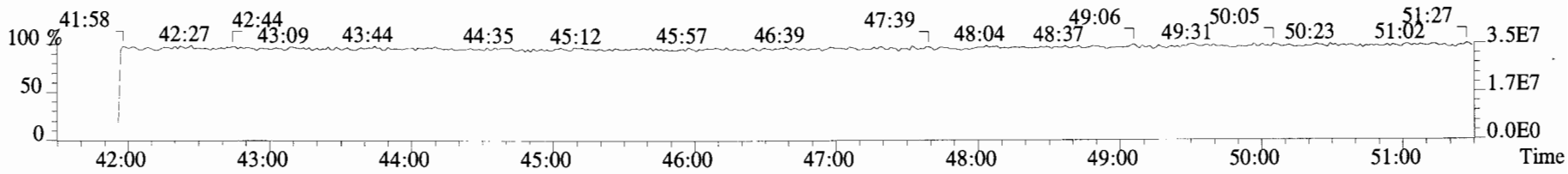
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19580.0,0.00%,F,F)



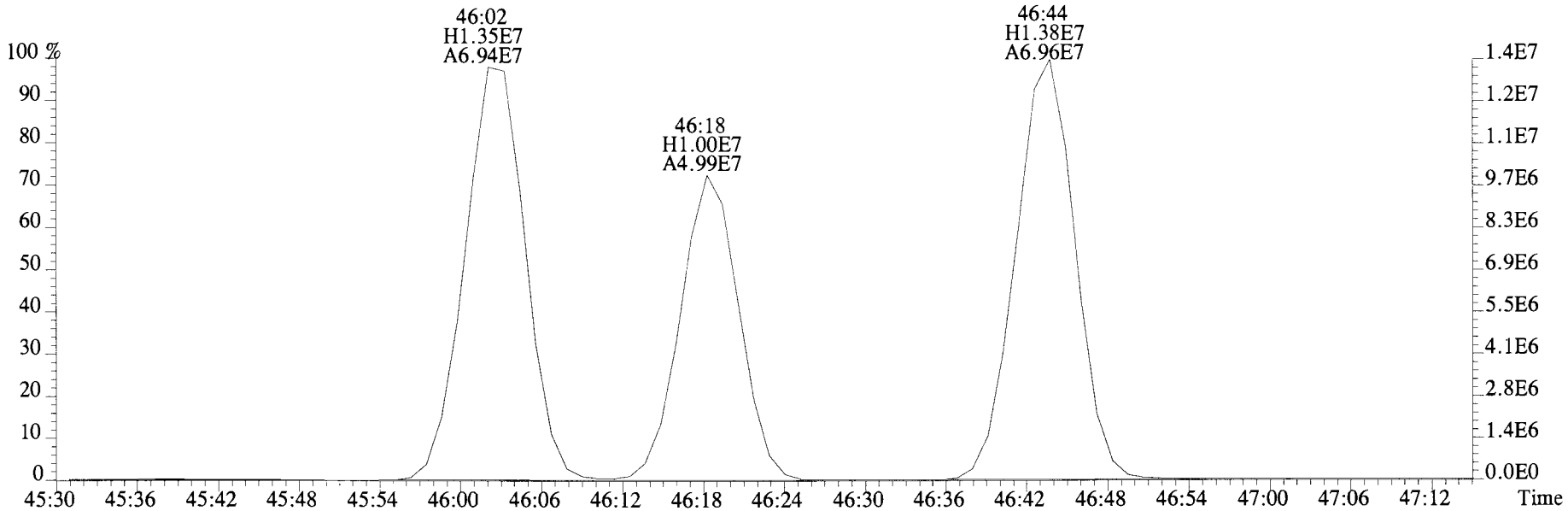
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15940.0,0.00%,F,F)



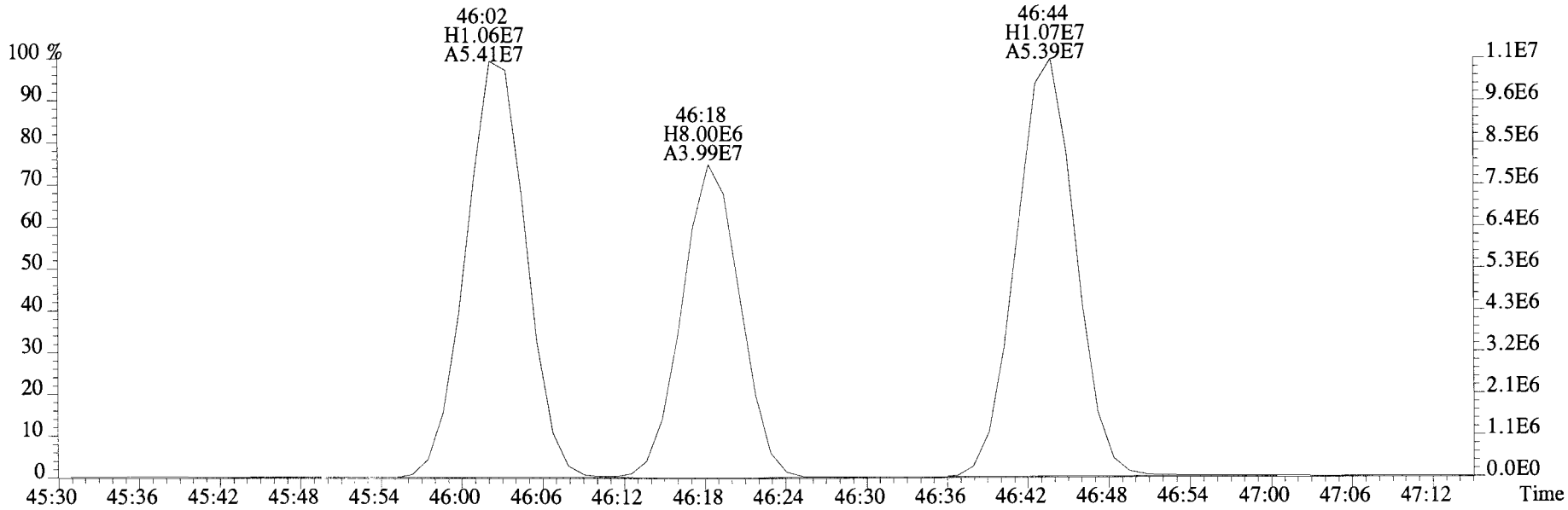
380.9760 F:4



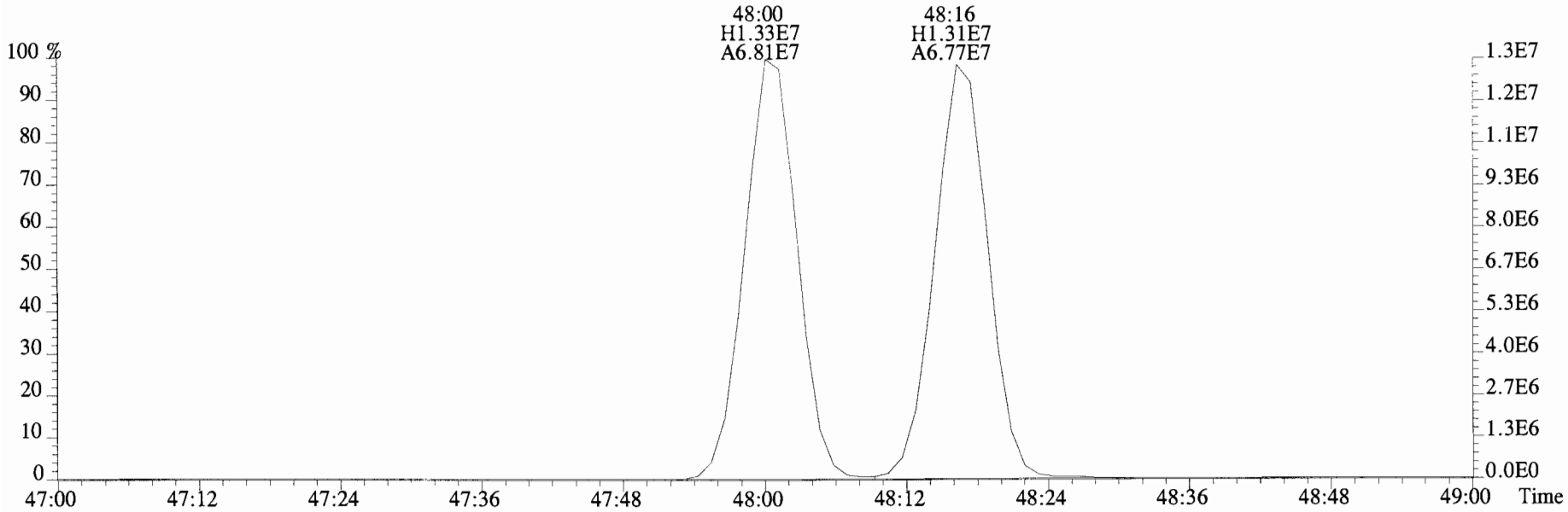
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19580.0,0.00%,F,F)



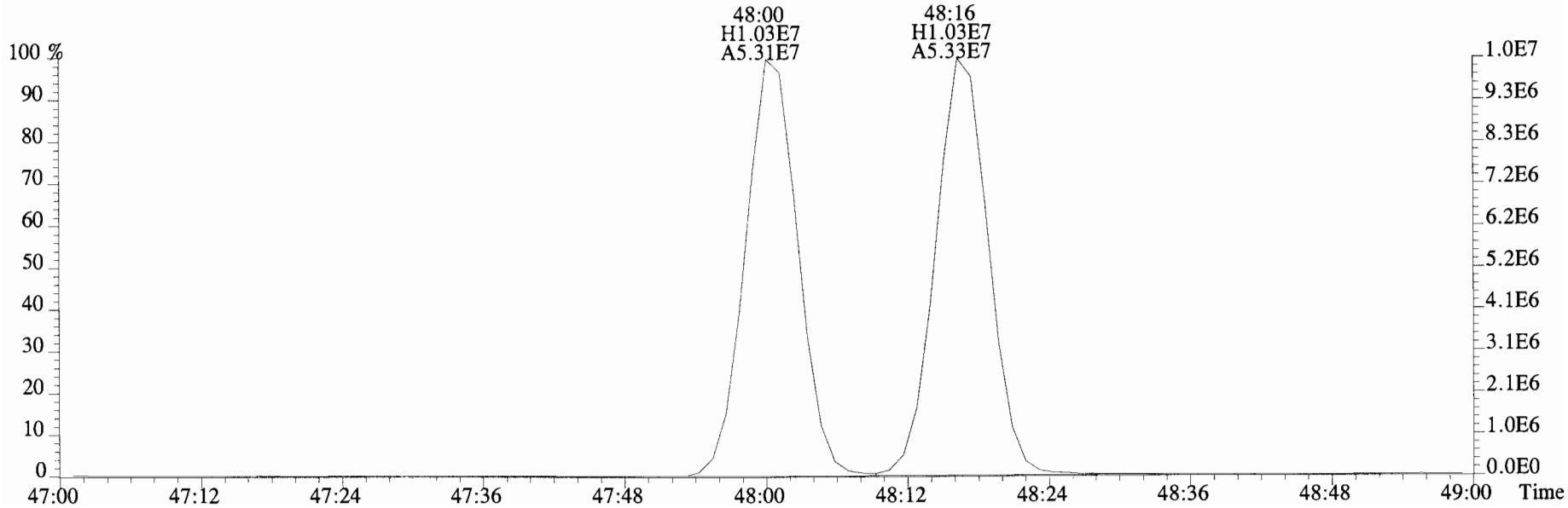
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15940.0,0.00%,F,F)



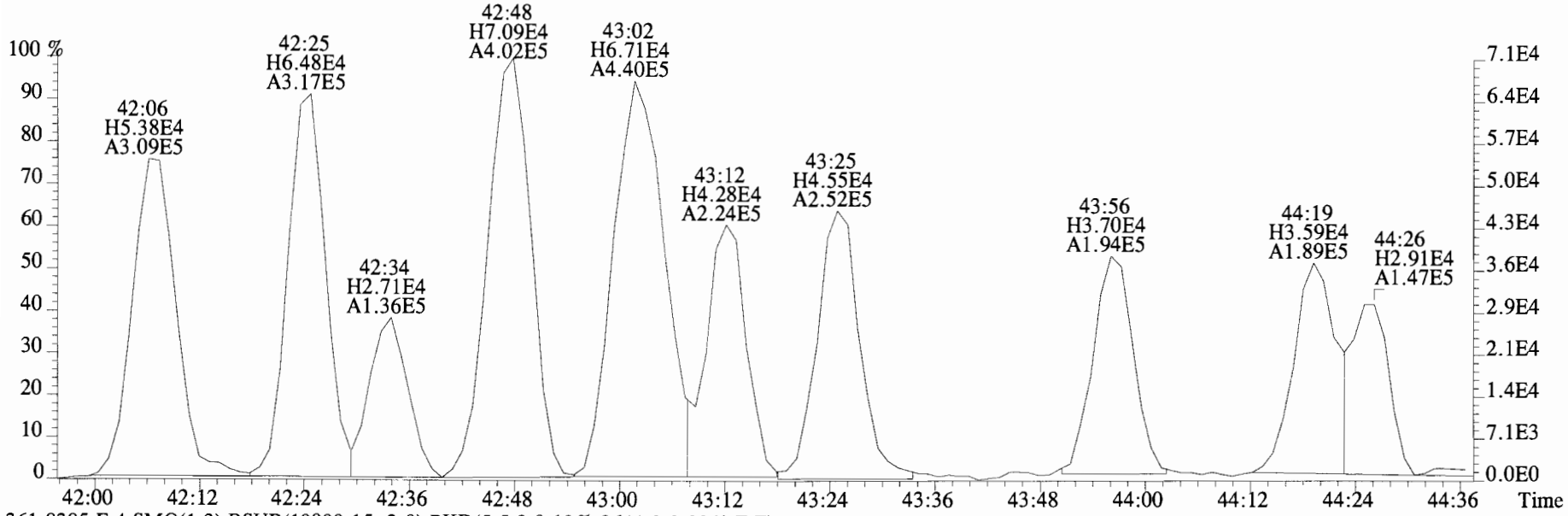
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
371.8817 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19580.0,0.00%,F,F)



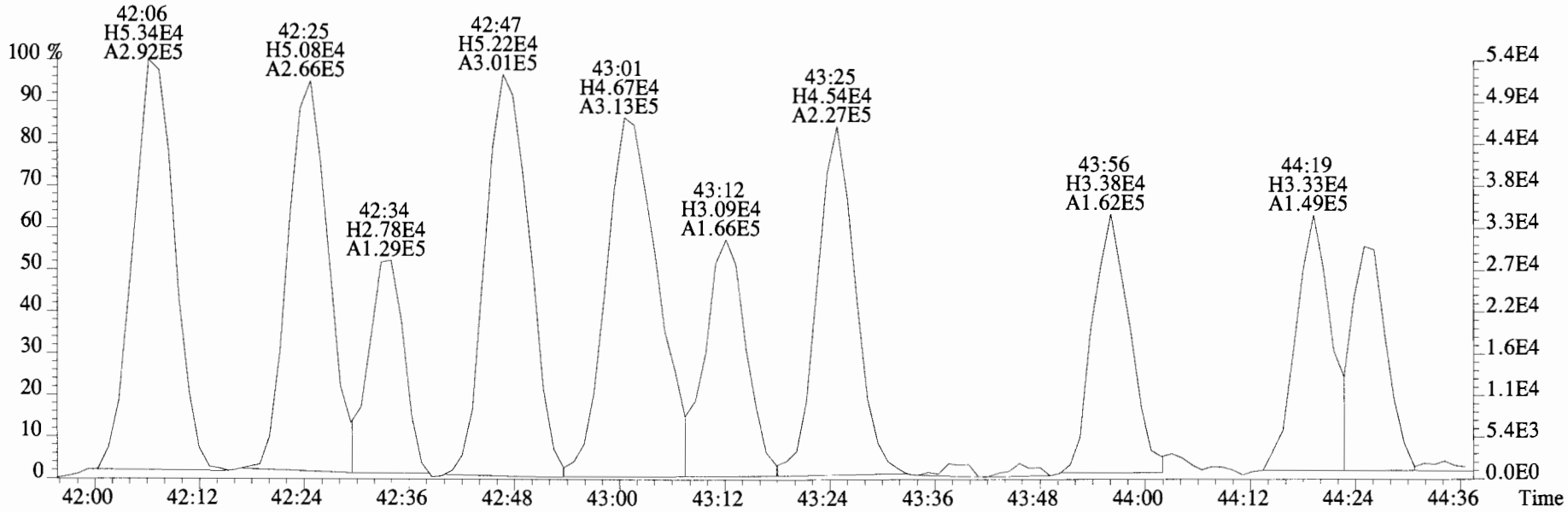
373.8788 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15940.0,0.00%,F,F)



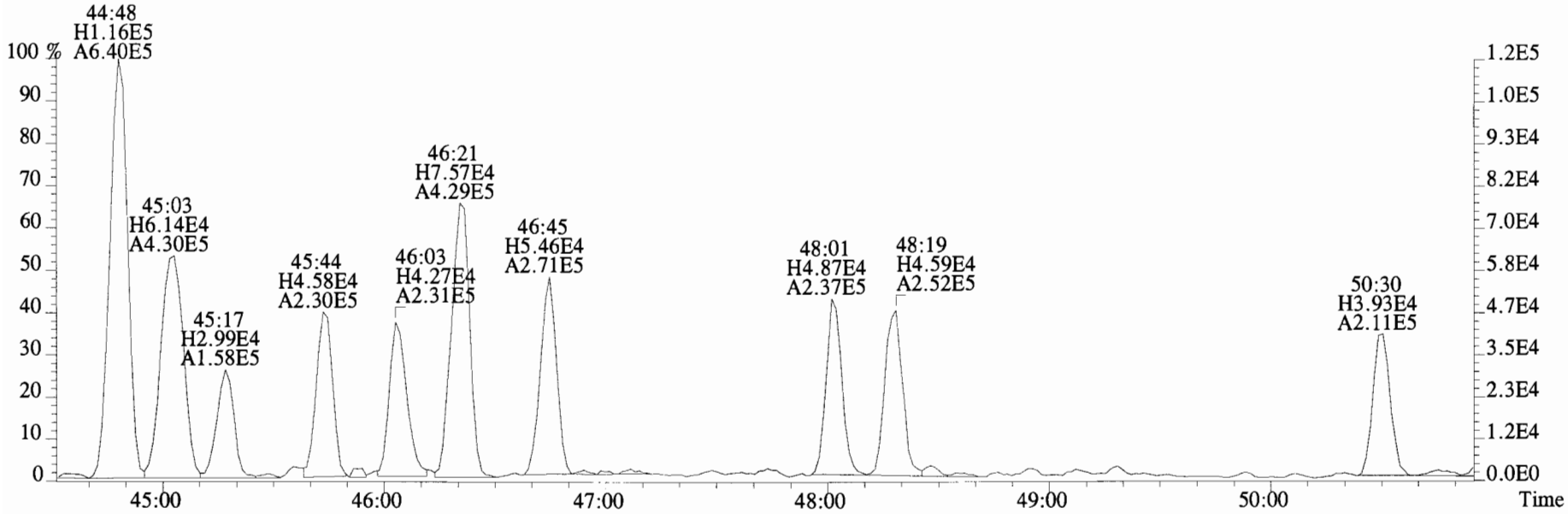
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



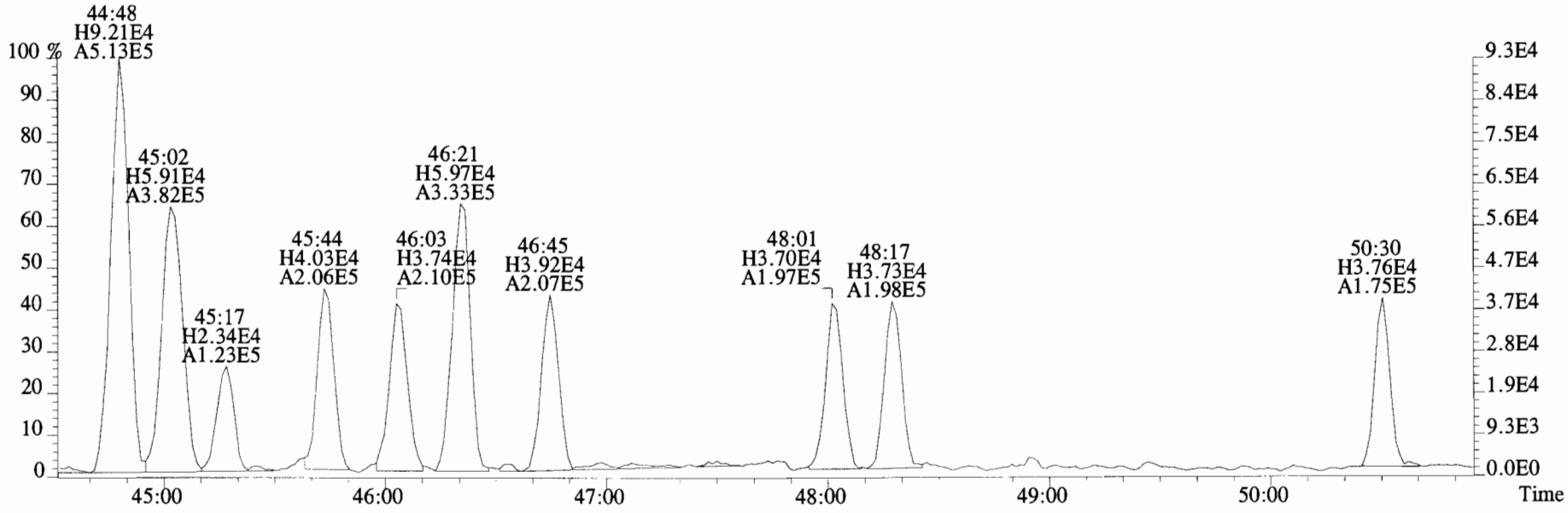
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2644.0,0.00%,F,F)



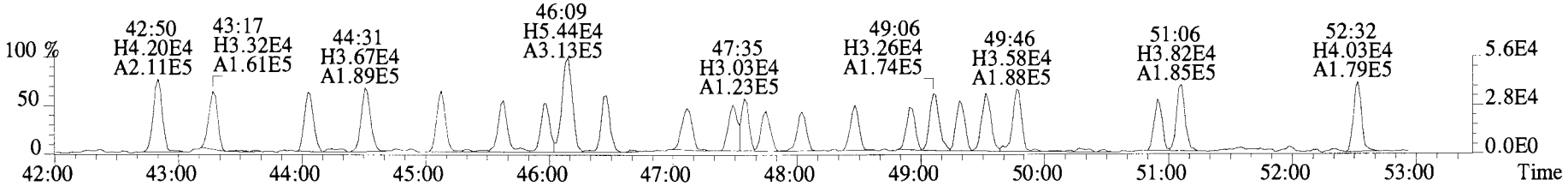
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
359.8415 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



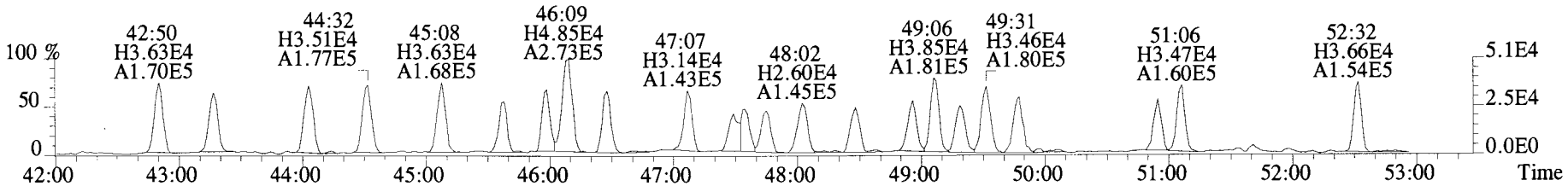
361.8385 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2644.0,0.00%,F,F)



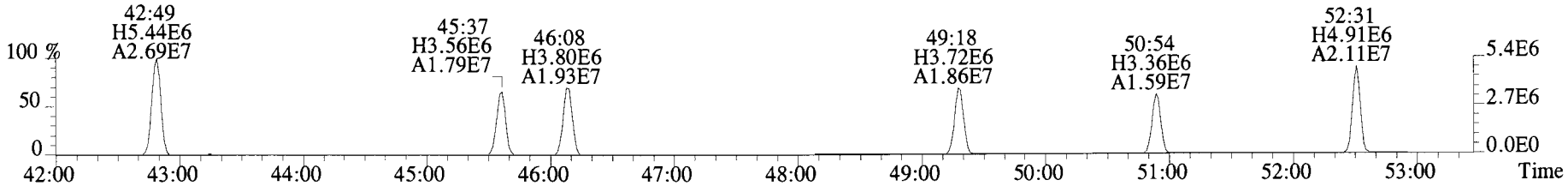
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



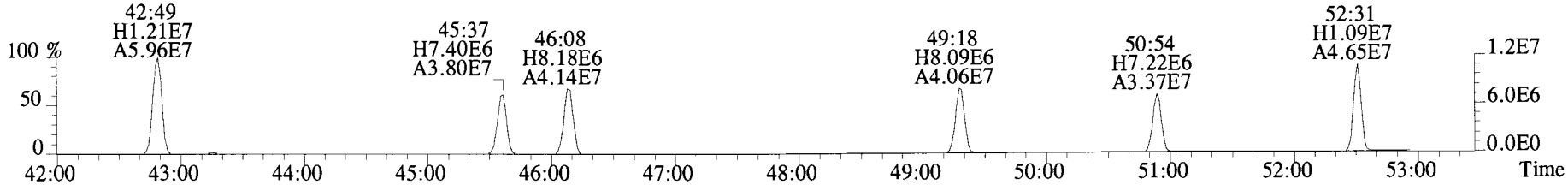
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



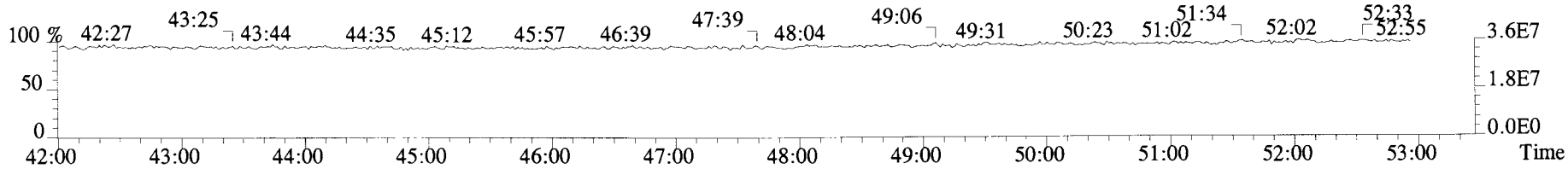
403.8457 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6224.0,0.00%,F,F)



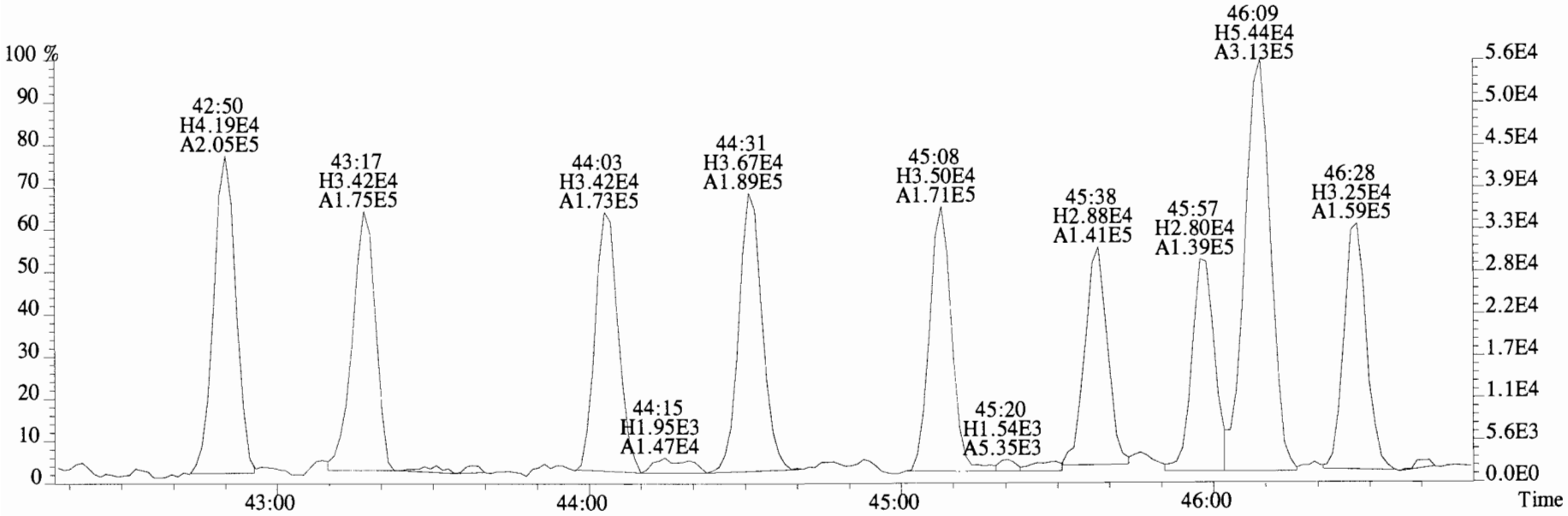
405.8428 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11620.0,0.00%,F,F)



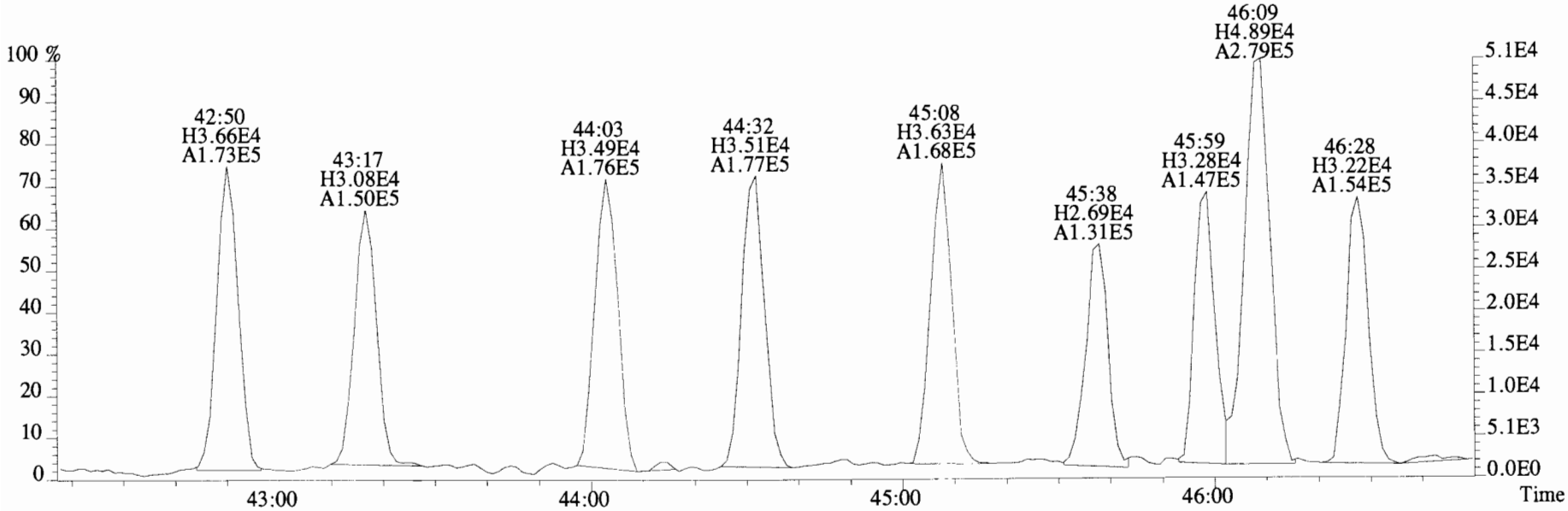
380.9760 F:4



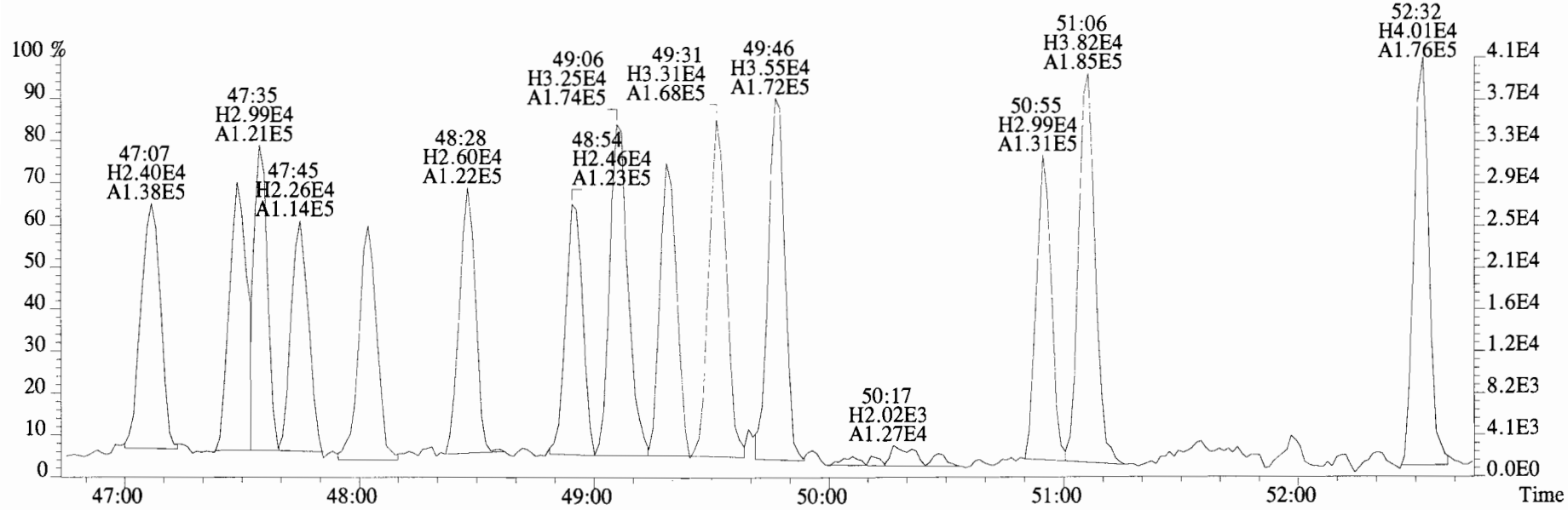
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



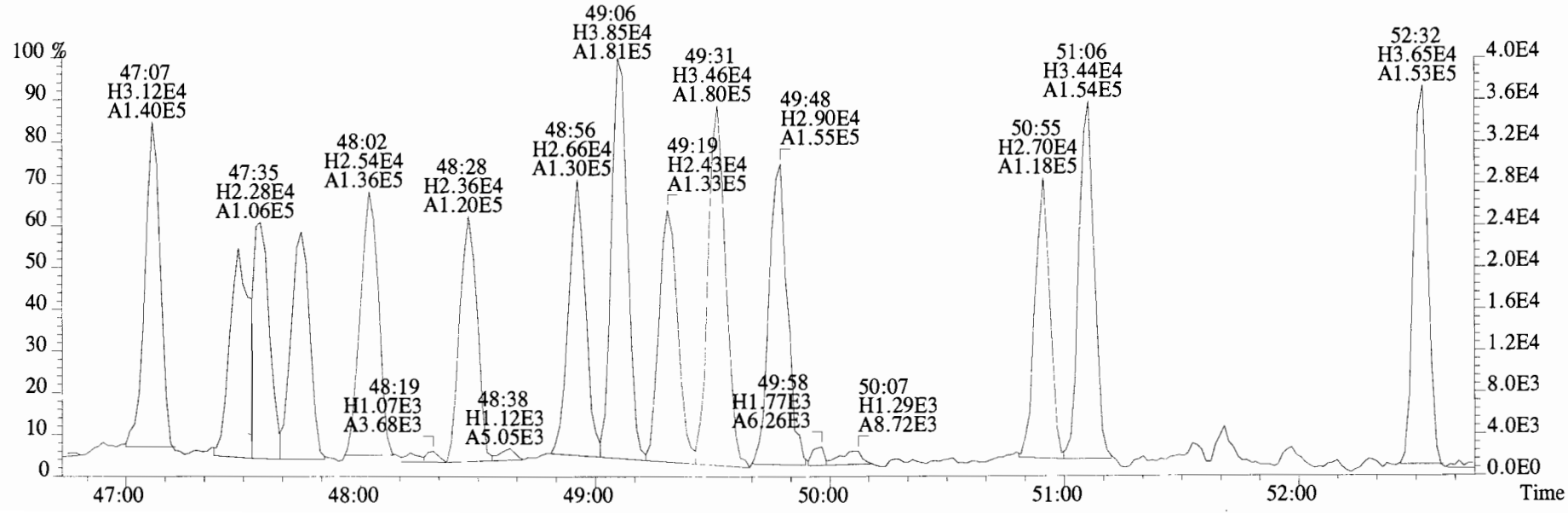
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



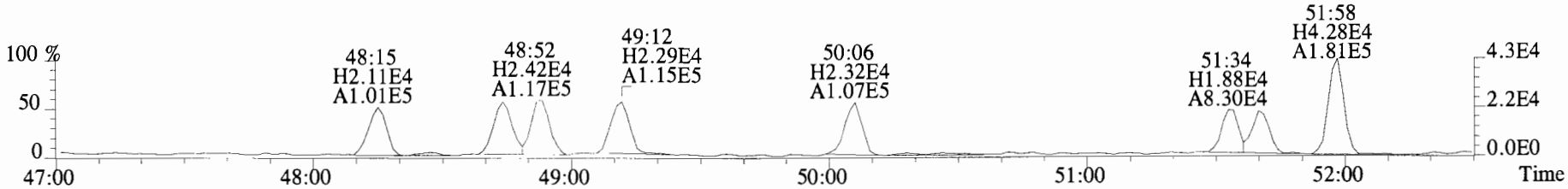
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
393.8025 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



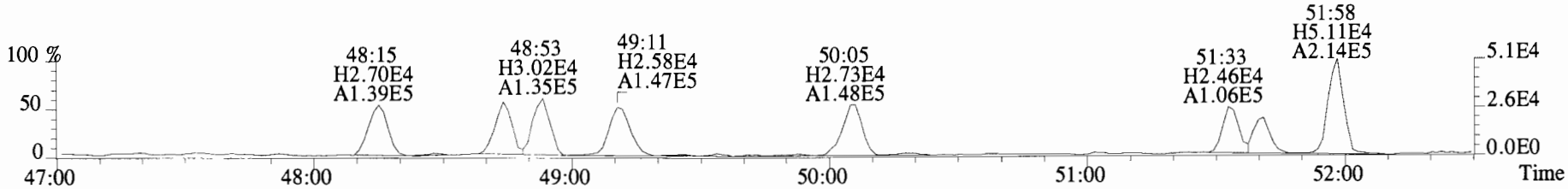
395.7995 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2132.0,0.00%,F,F)



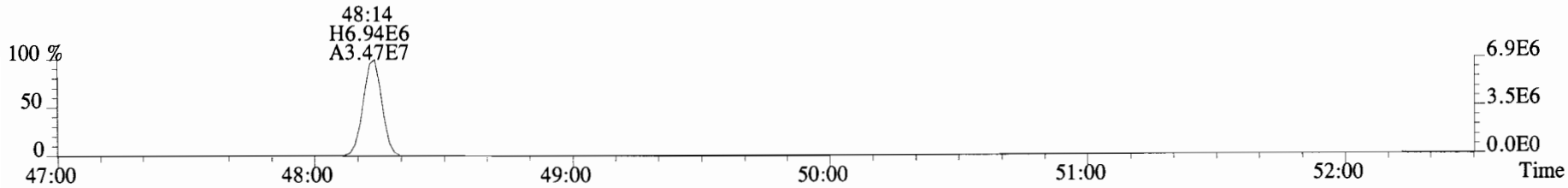
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



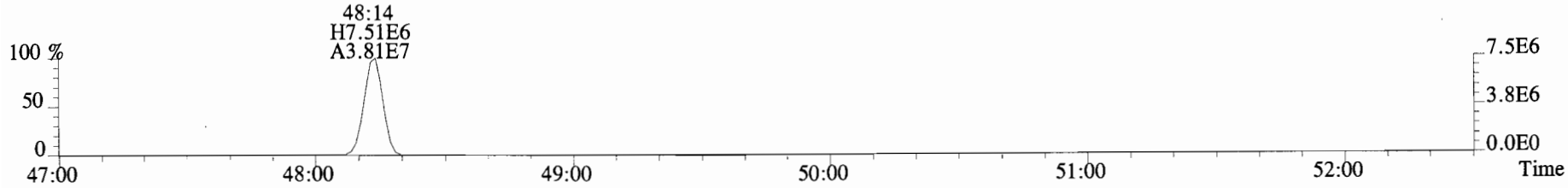
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1432.0,0.00%,F,F)



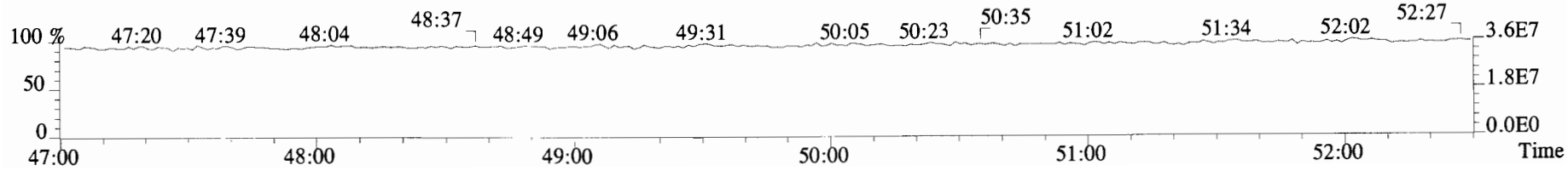
439.8038 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1916.0,0.00%,F,F)



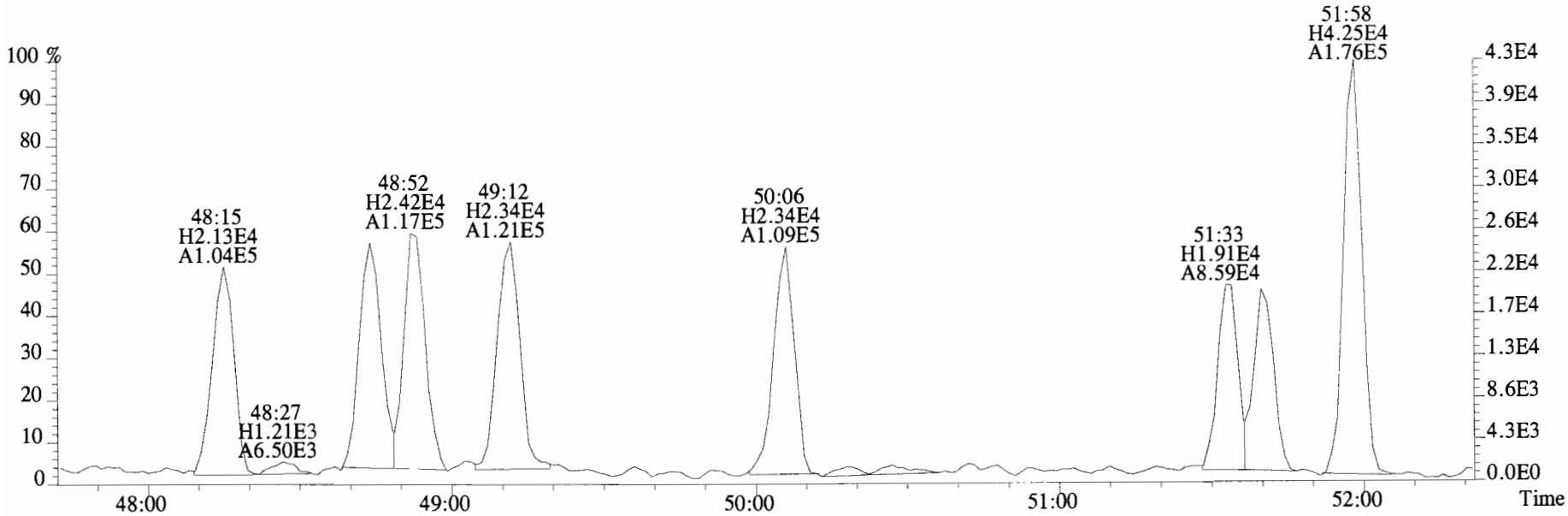
441.8008 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



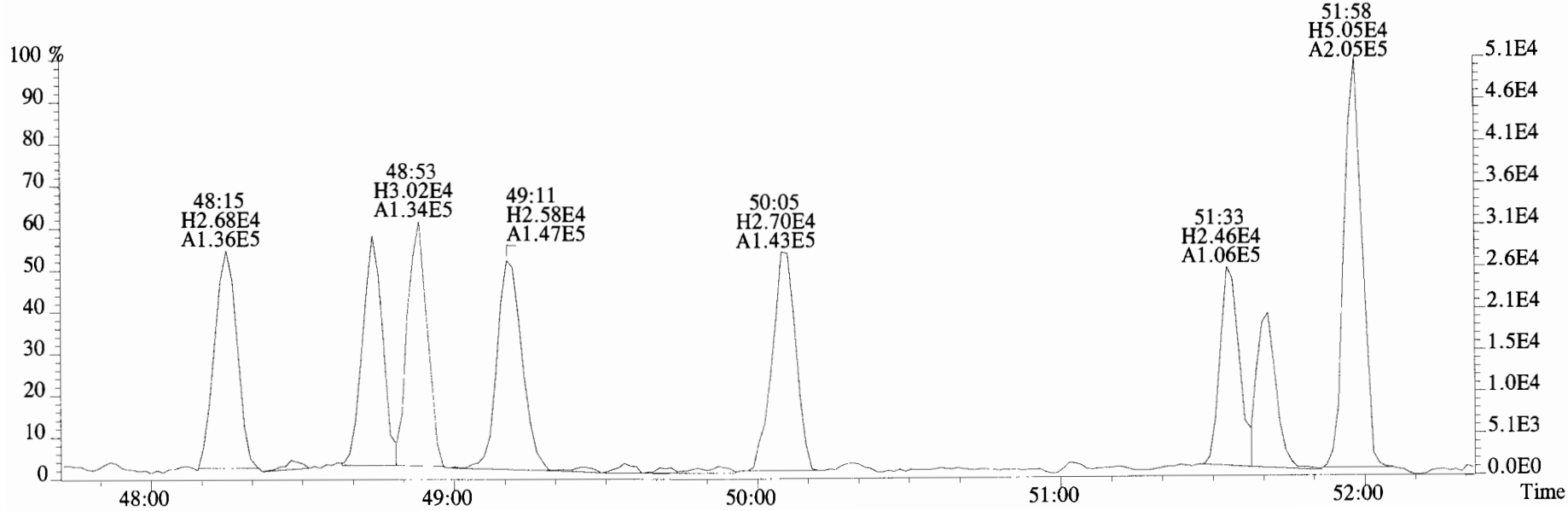
380.9760 F:4



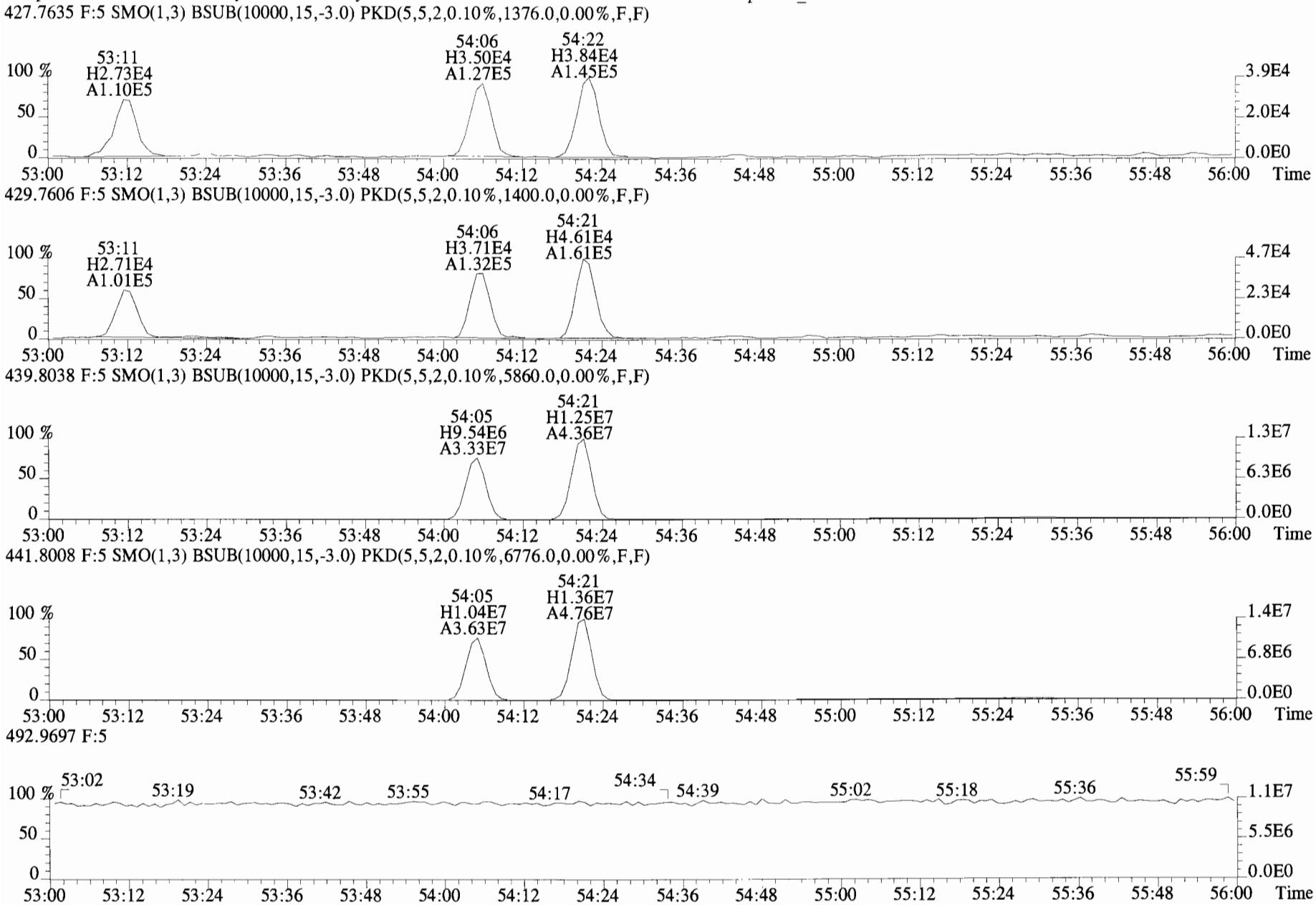
File:171027E1 #1-572 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
427.7635 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1772.0,0.00%,F,F)



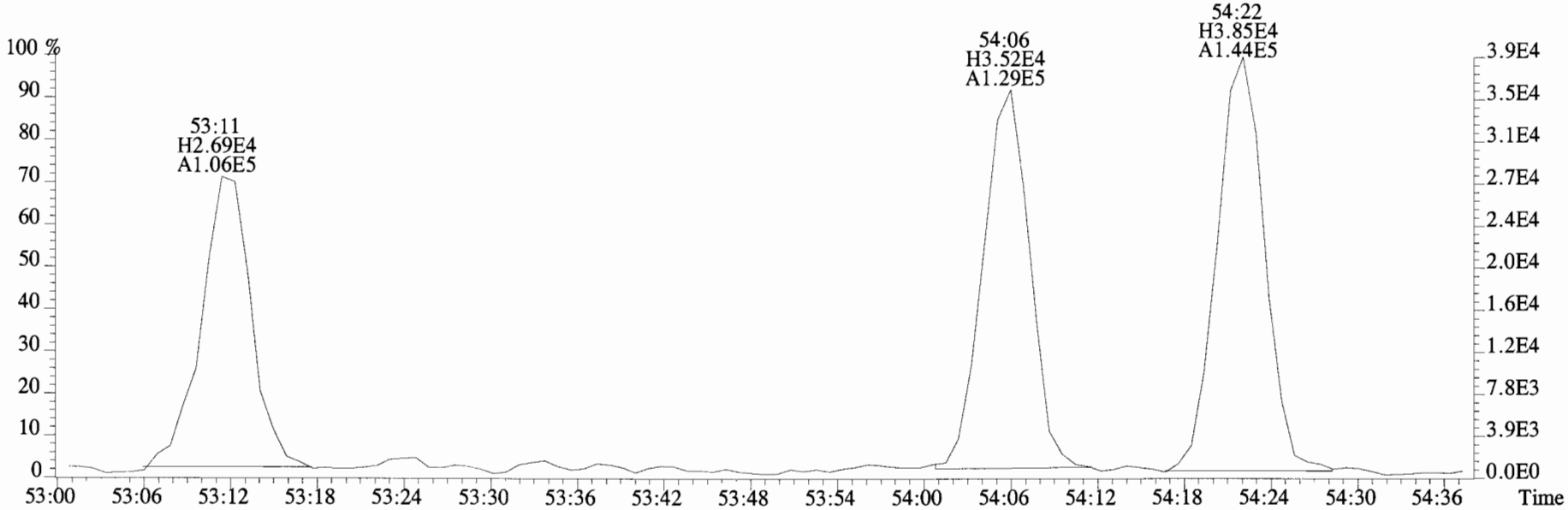
429.7606 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1432.0,0.00%,F,F)



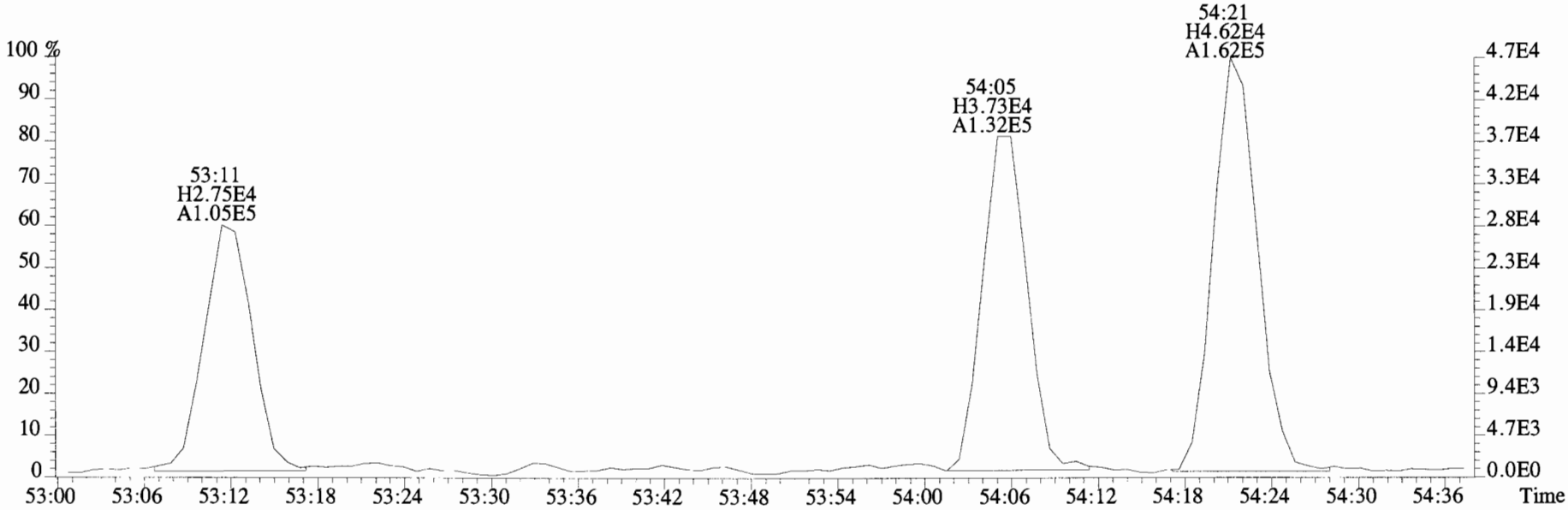
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1



File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
427.7635 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1376.0,0.00%,F,F)

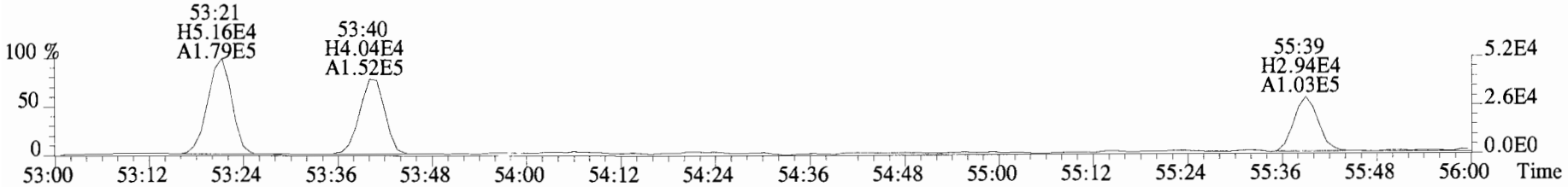


429.7606 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1400.0,0.00%,F,F)

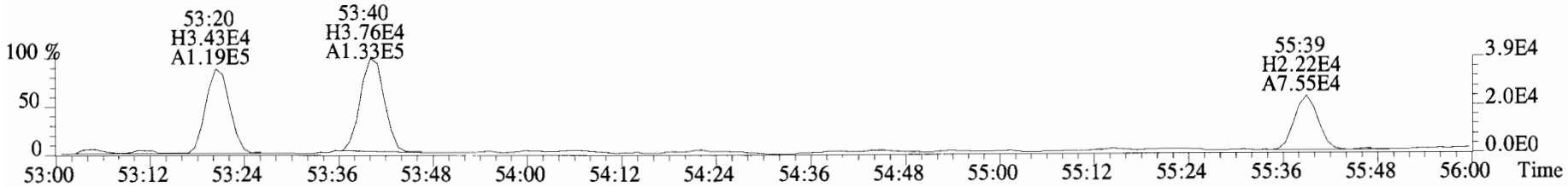


File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1

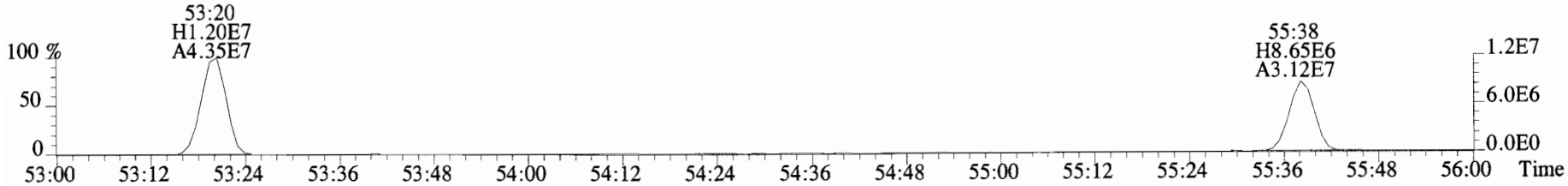
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



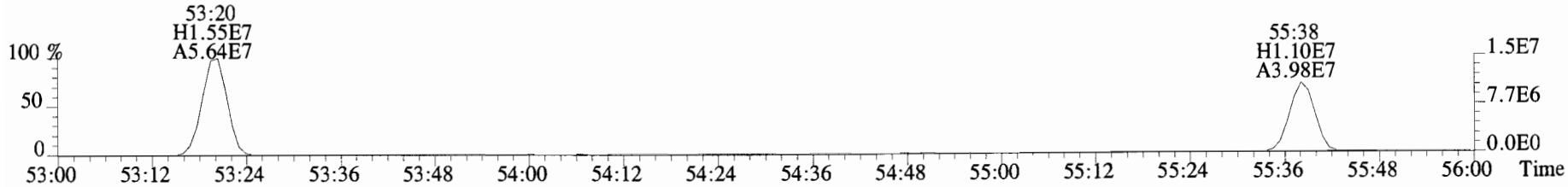
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



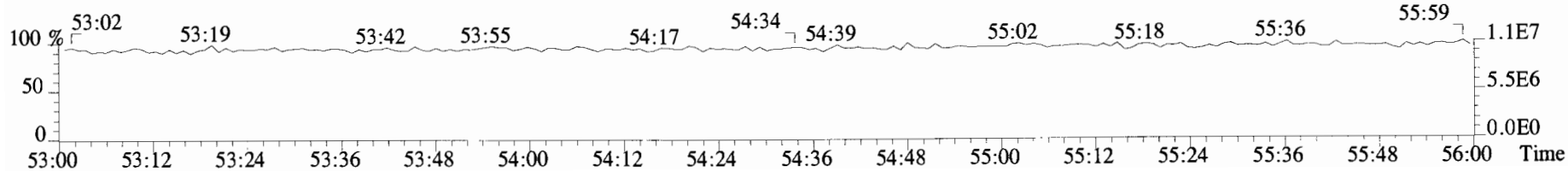
473.7648 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38100.0,0.00%,F,F)



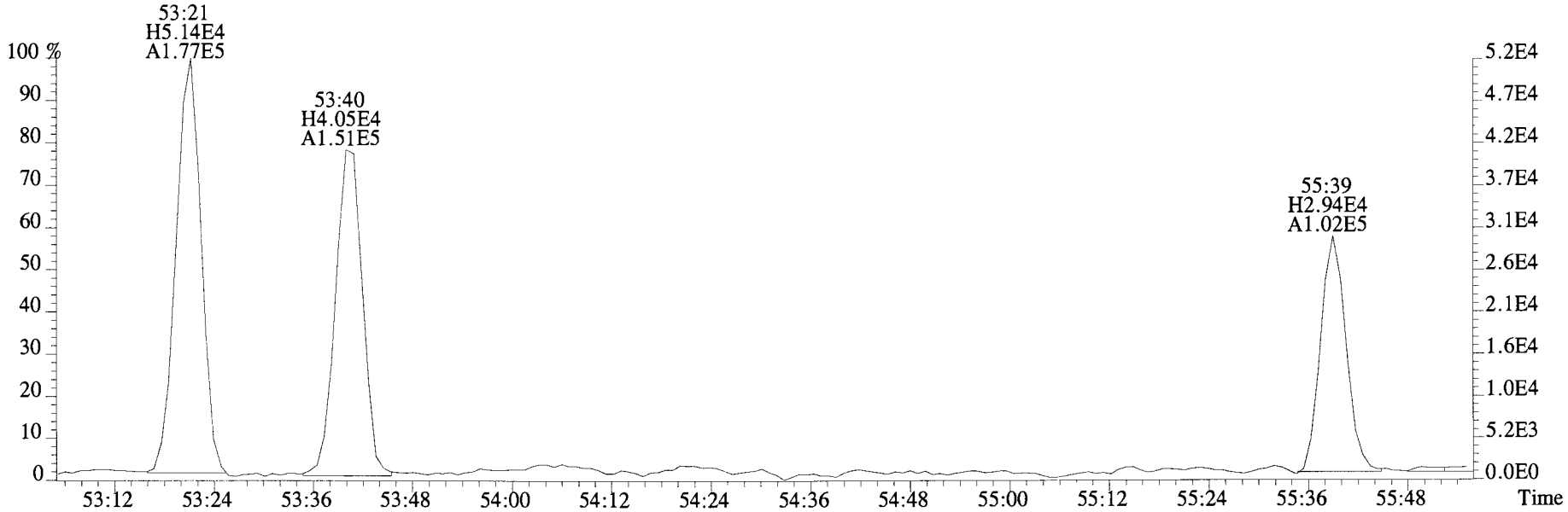
475.7619 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52360.0,0.00%,F,F)



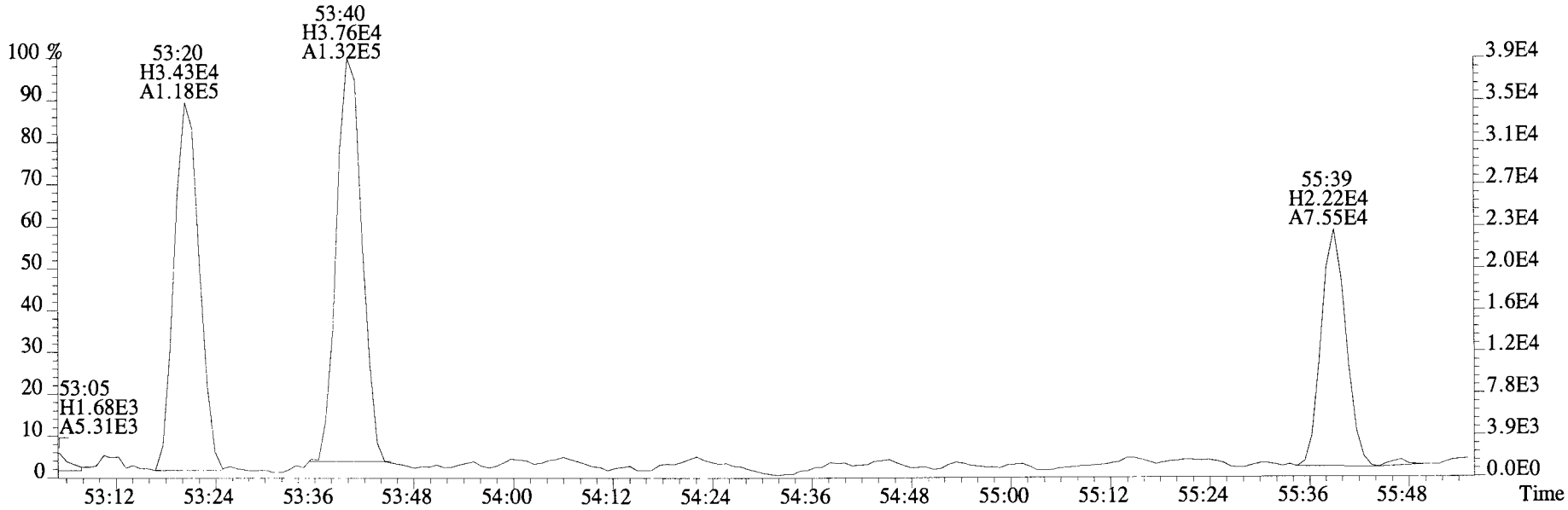
492.9697 F:5



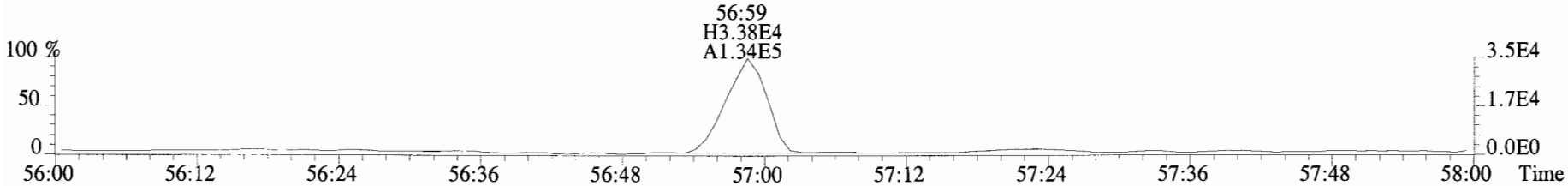
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
463.7216 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1488.0,0.00%,F,F)



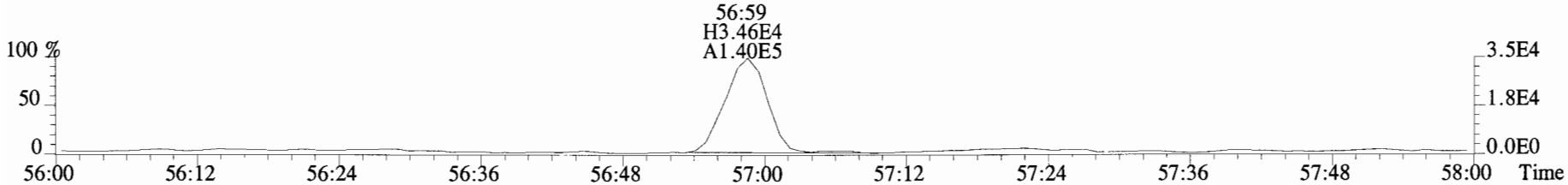
465.7186 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1608.0,0.00%,F,F)



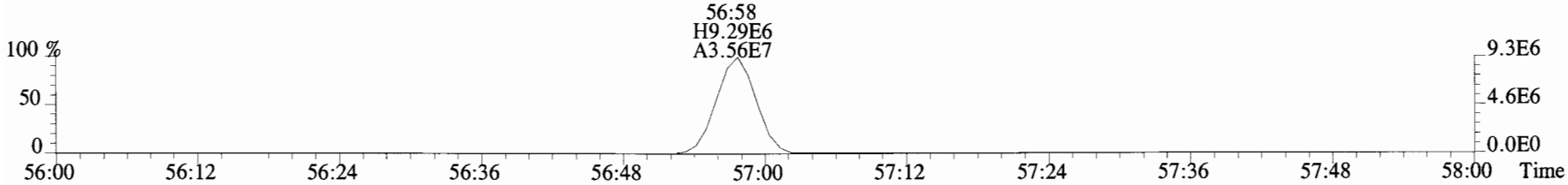
File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)



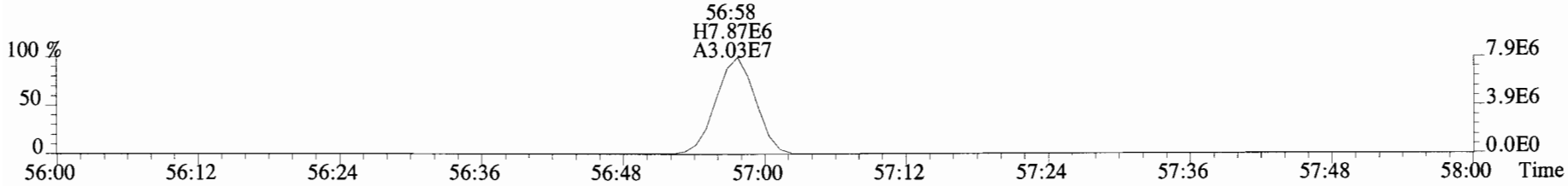
499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1340.0,0.00%,F,F)



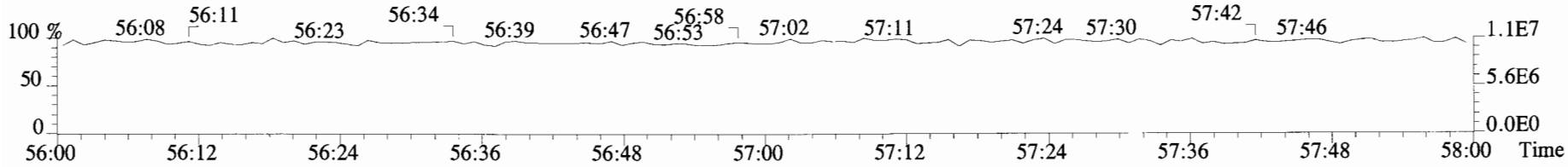
509.7229 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1388.0,0.00%,F,F)



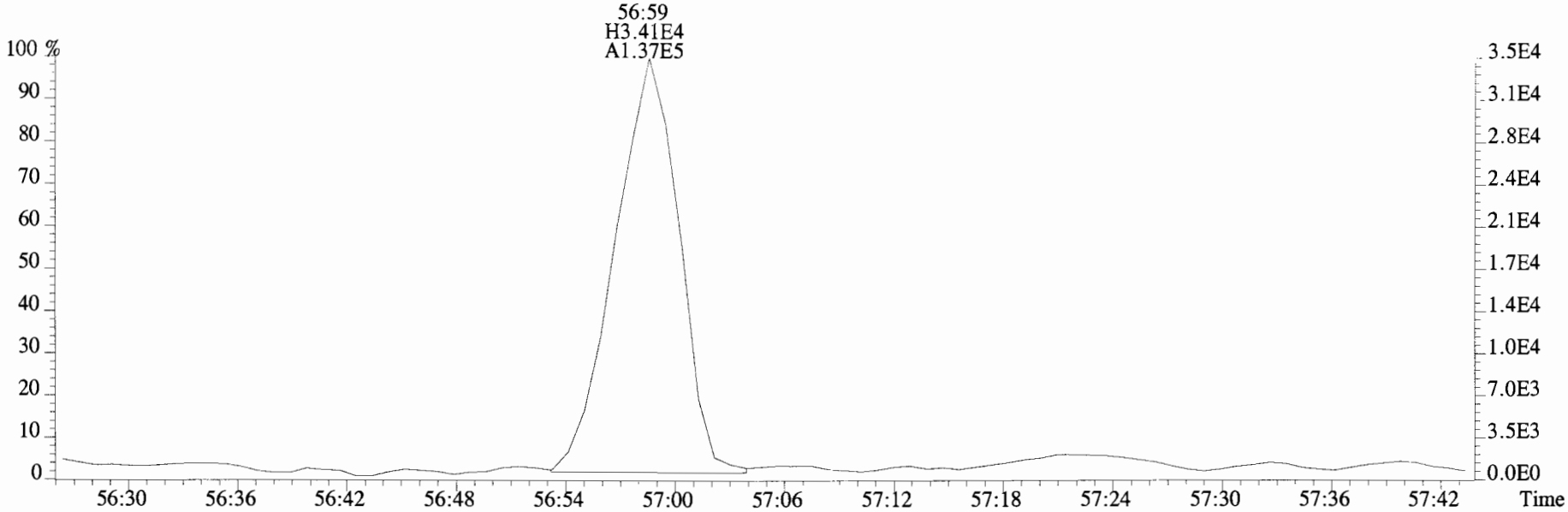
511.7199 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



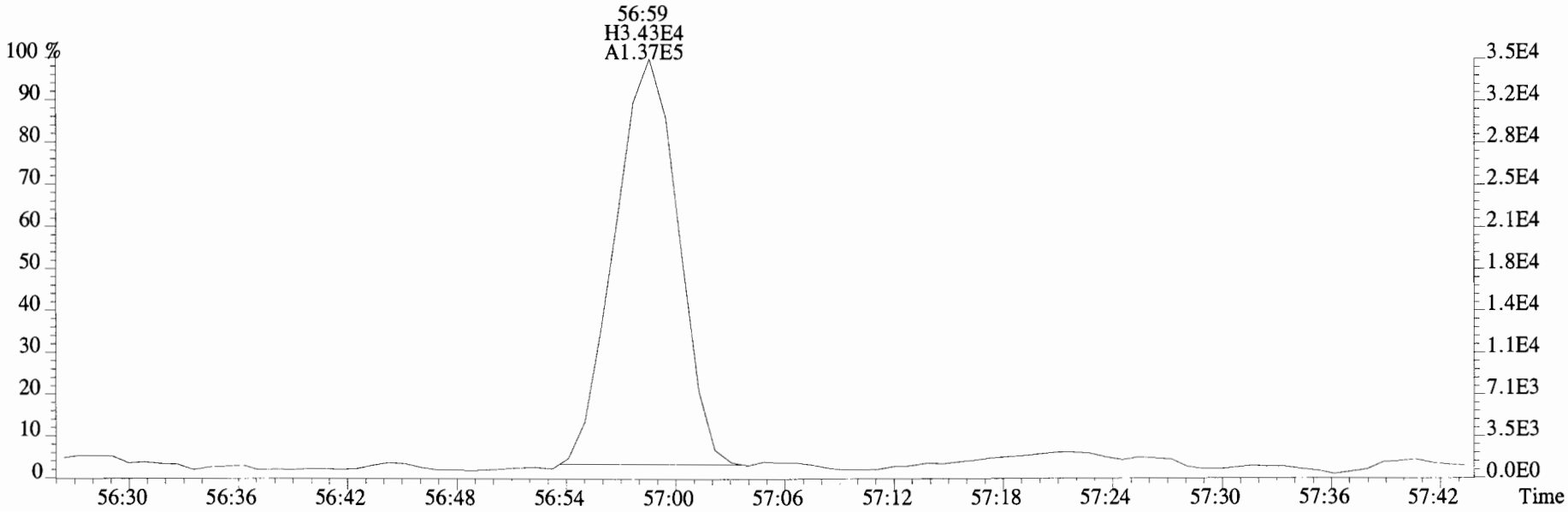
492.9697 F:5



File:171027E1 #1-406 Acq:27-OCT-2017 10:27:40 GC EI+ Voltage SIR Autospec-UltimaE
Sample#1 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-1 PCB CS0 17C0307 Exp:PCB_ZB1
497.6826 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1468.0,0.00%,F,F)

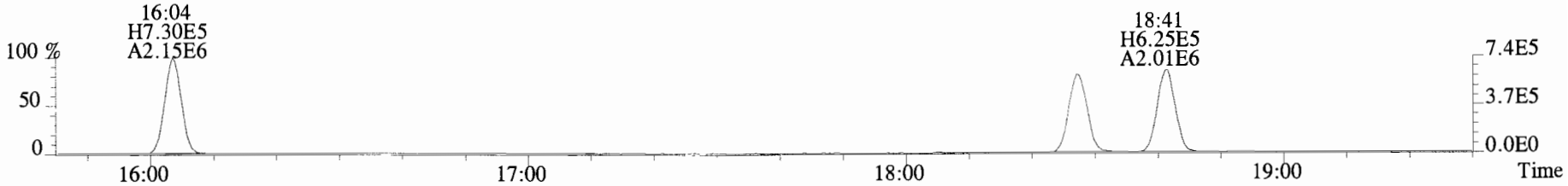


499.6797 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1340.0,0.00%,F,F)

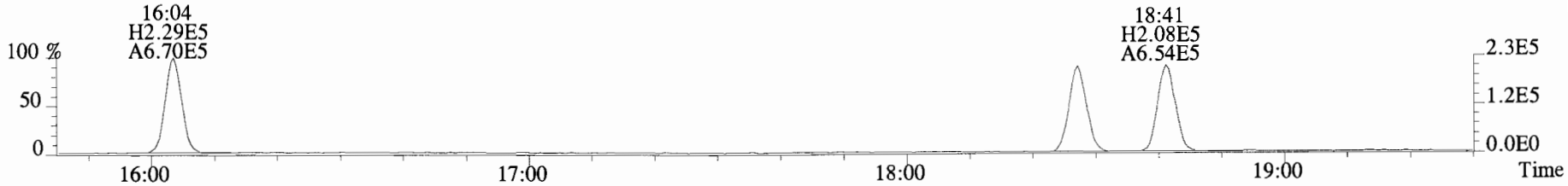


File:171027E1 #1-867 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1

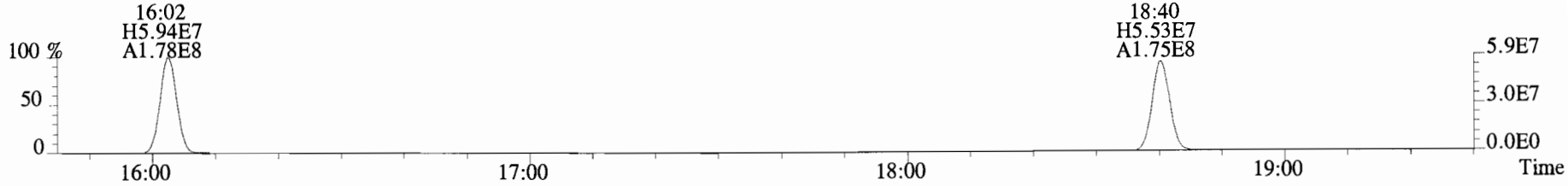
188.0393 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8908.0,0.00%,F,F)



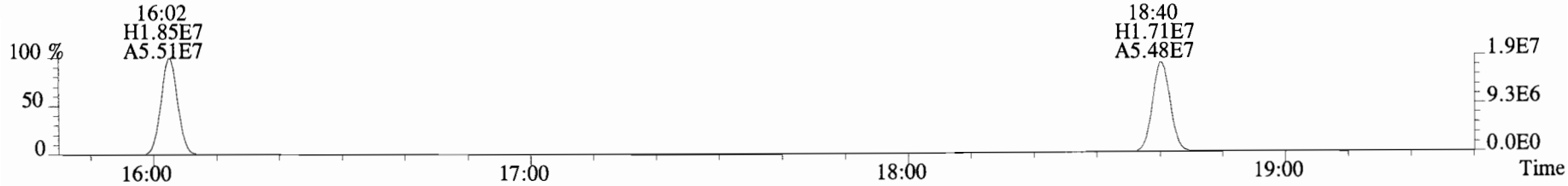
190.0363 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5336.0,0.00%,F,F)



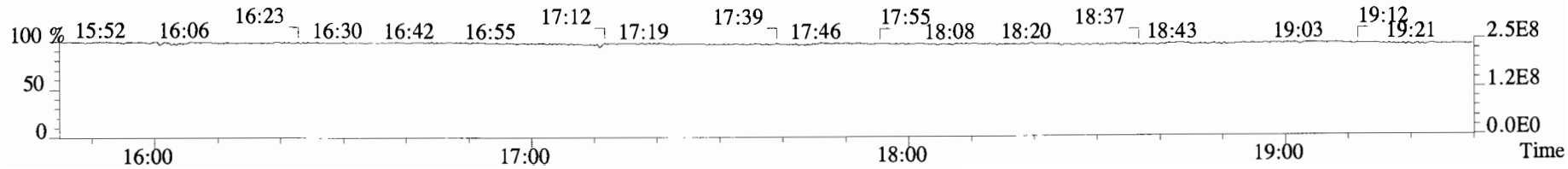
200.0795 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5848.0,0.00%,F,F)



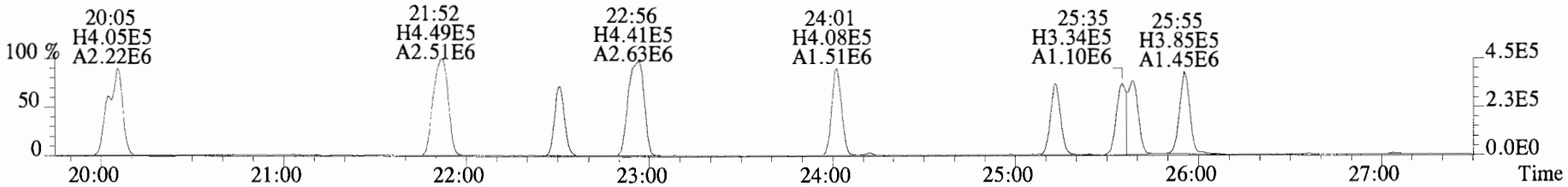
202.0766 S:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11124.0,0.00%,F,F)



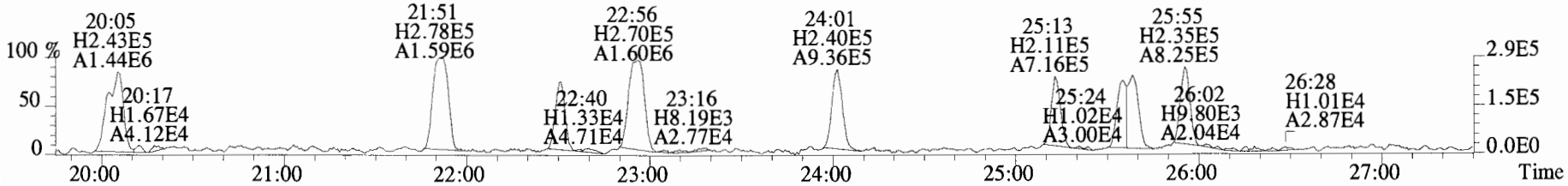
180.9880 S:2



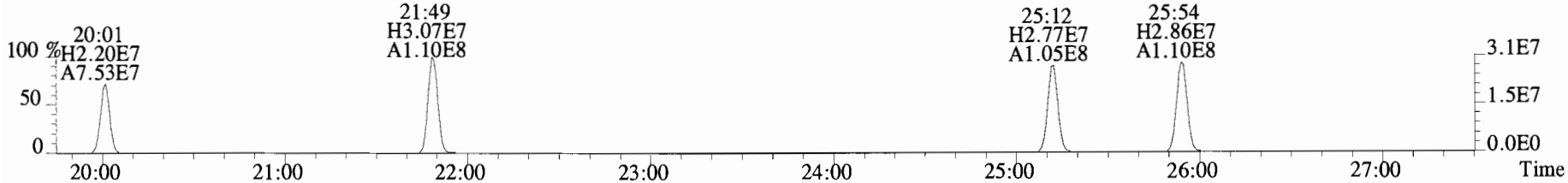
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



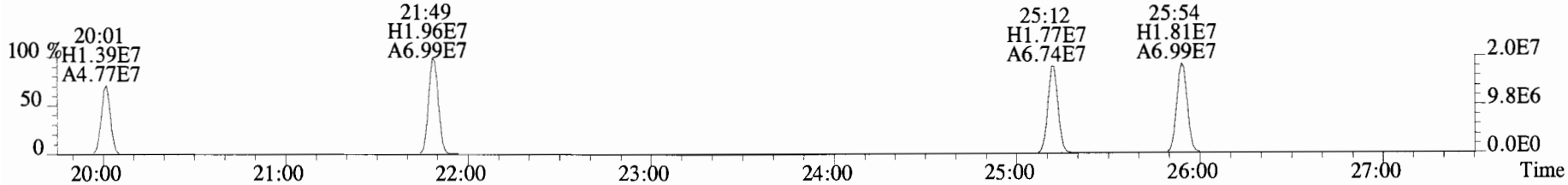
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18656.0,0.00%,F,F)



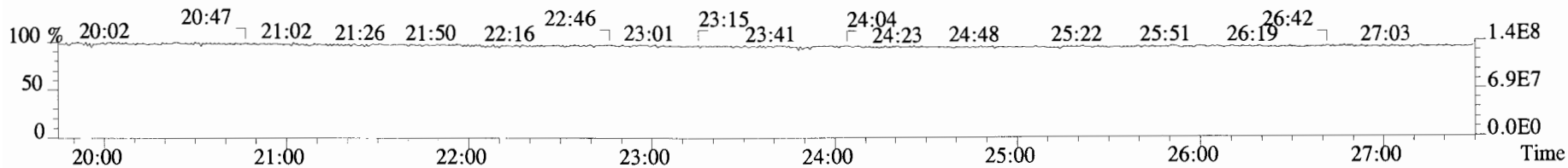
234.0406 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3472.0,0.00%,F,F)



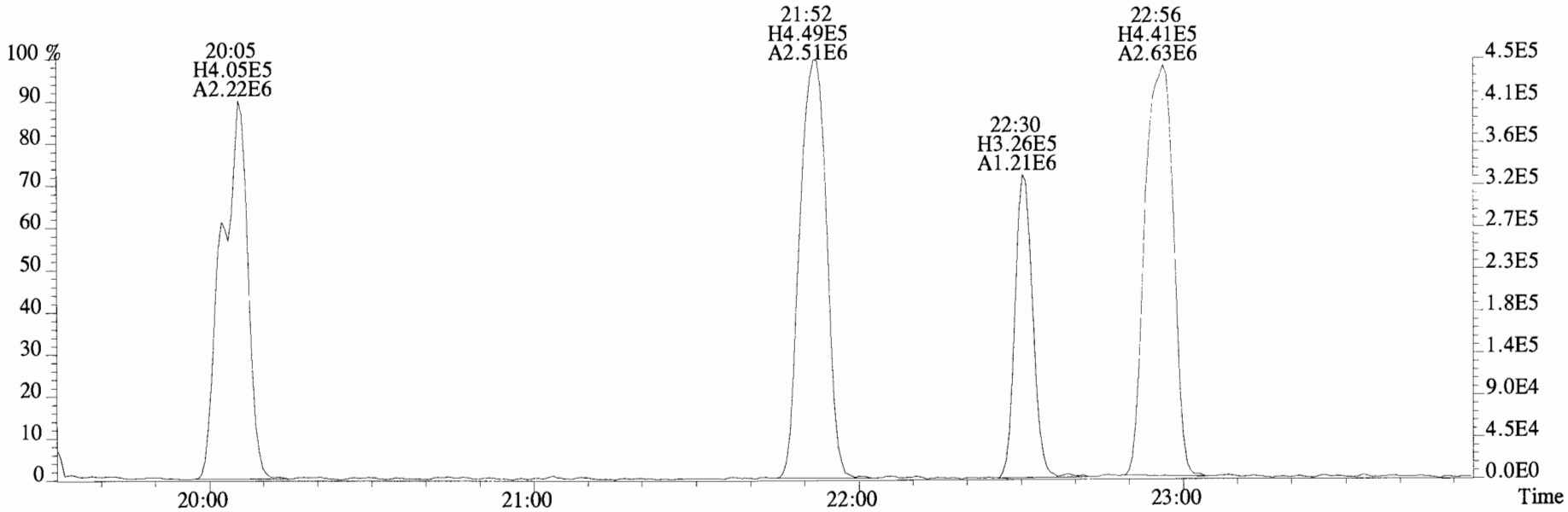
236.0376 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3604.0,0.00%,F,F)



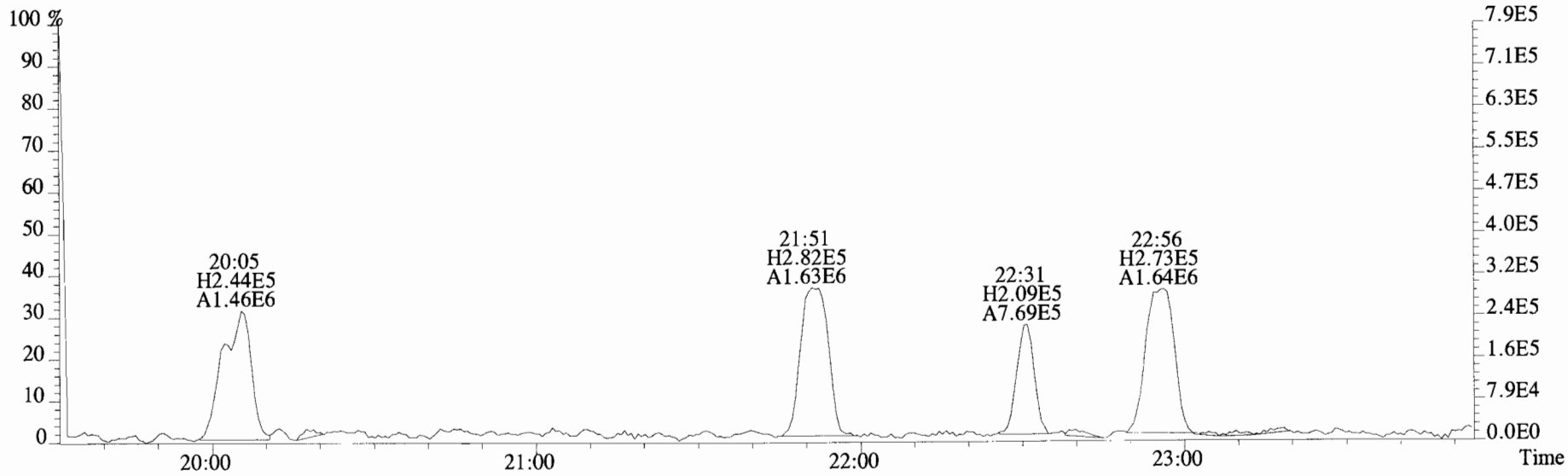
230.9856 S:2 F:2



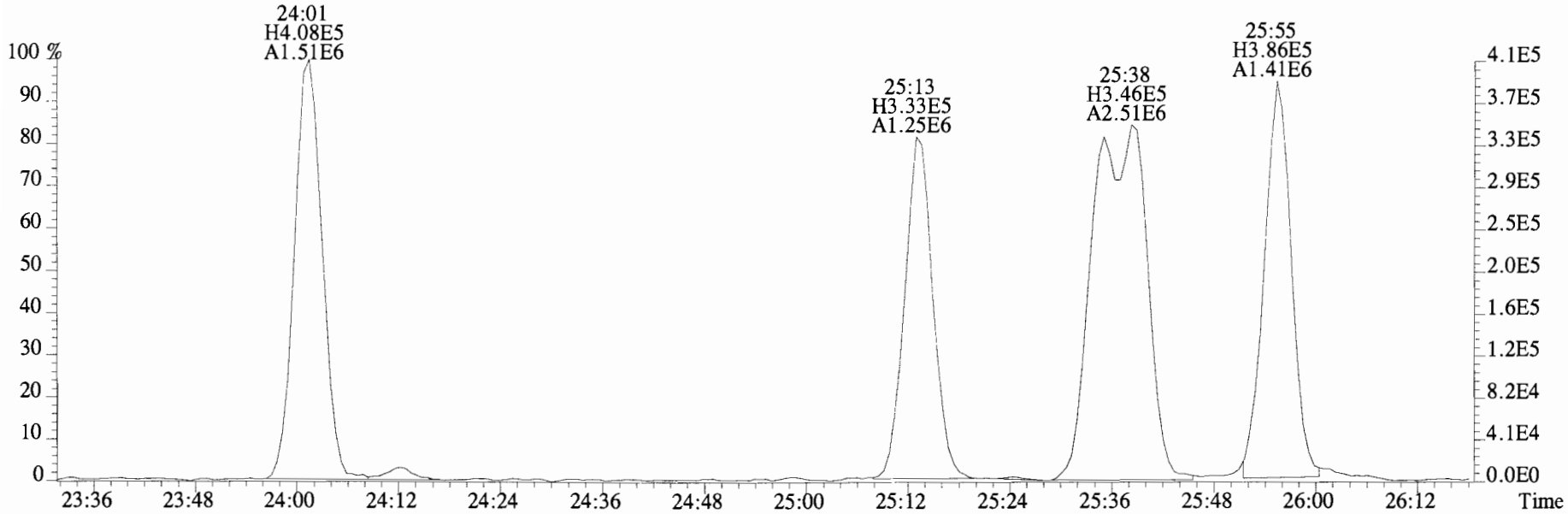
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



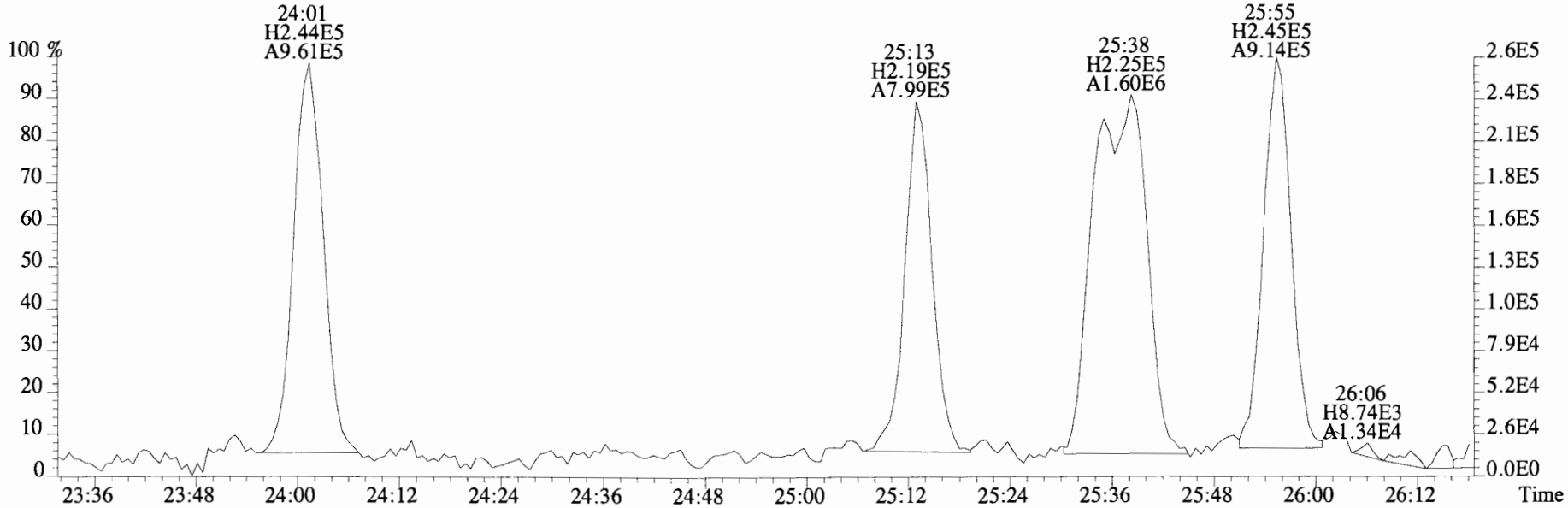
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18656.0,0.00%,F,F)



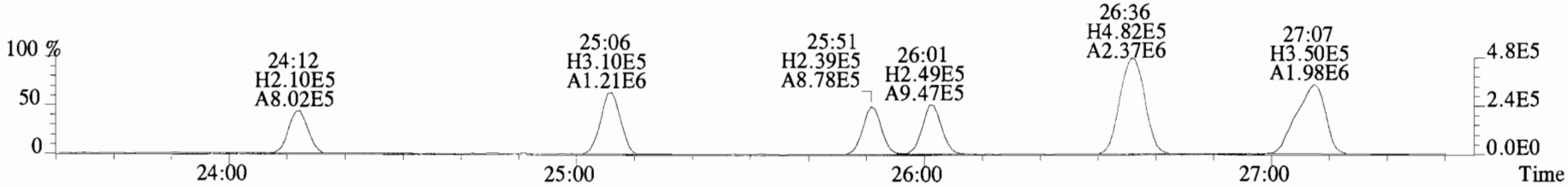
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
222.0003 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3040.0,0.00%,F,F)



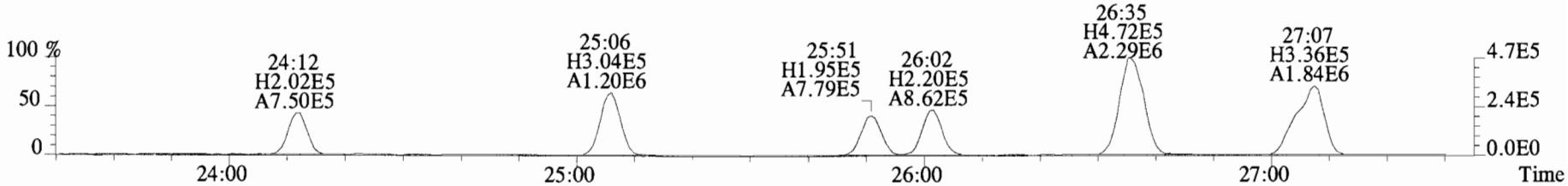
223.9974 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18656.0,0.00%,F,F)



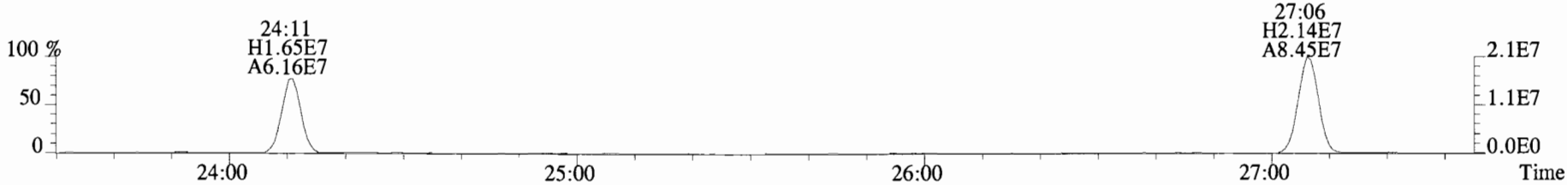
File:171027E1 #1-757 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3660.0,0.00%,F,F)



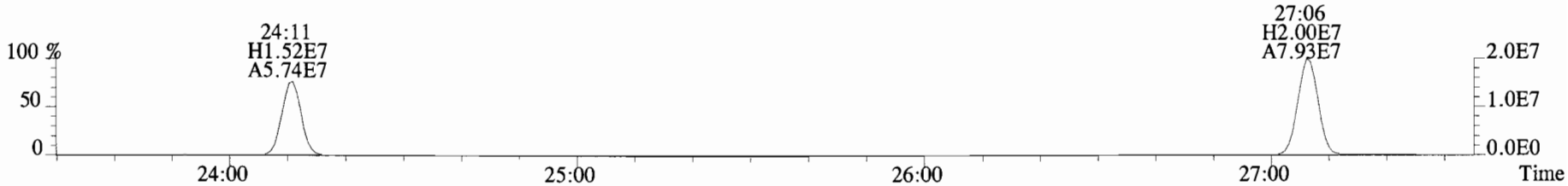
257.9584 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2732.0,0.00%,F,F)



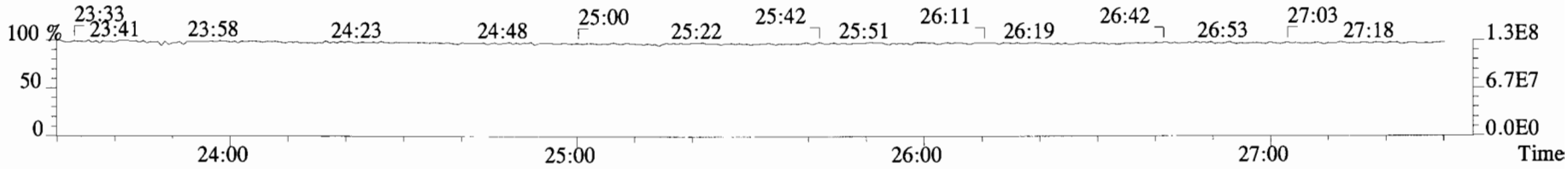
268.0016 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,71448.0,0.00%,F,F)



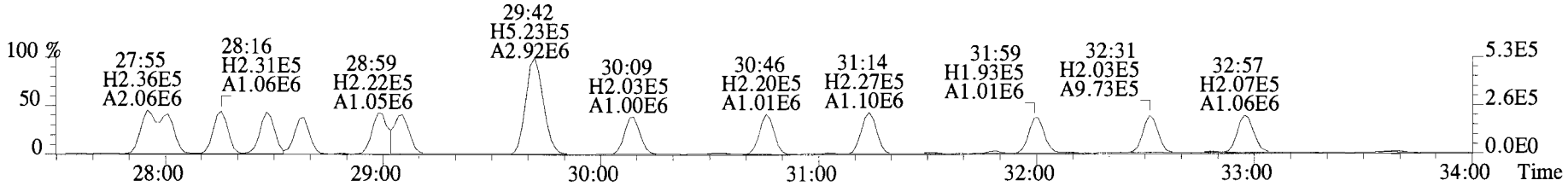
269.9986 S:2 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43408.0,0.00%,F,F)



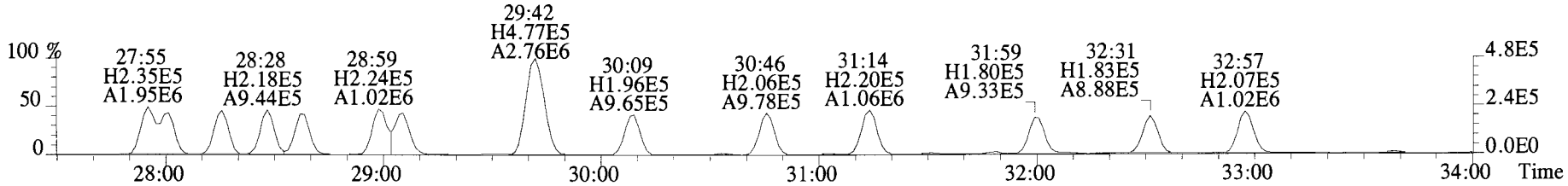
230.9856 S:2 F:2



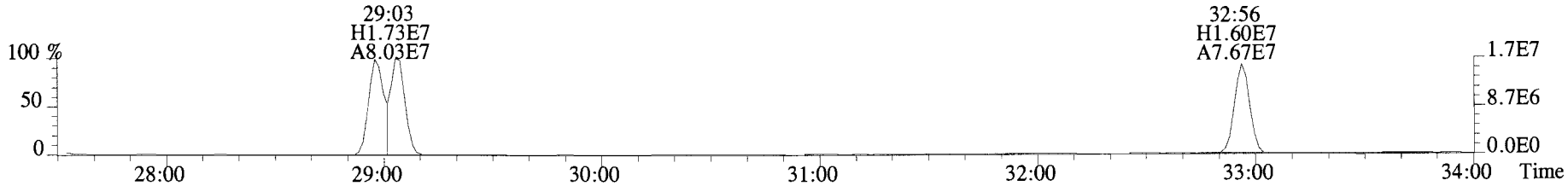
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



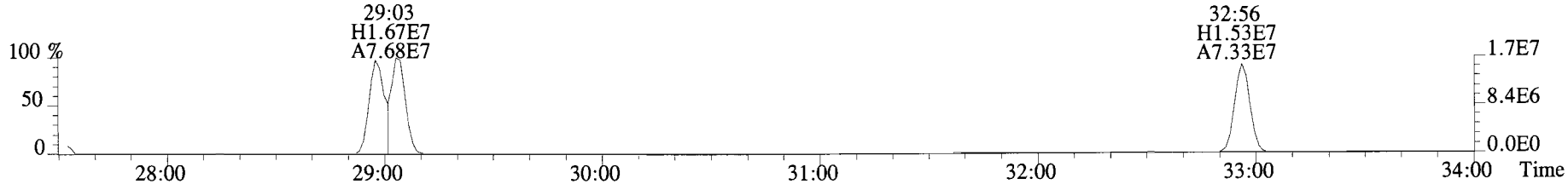
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



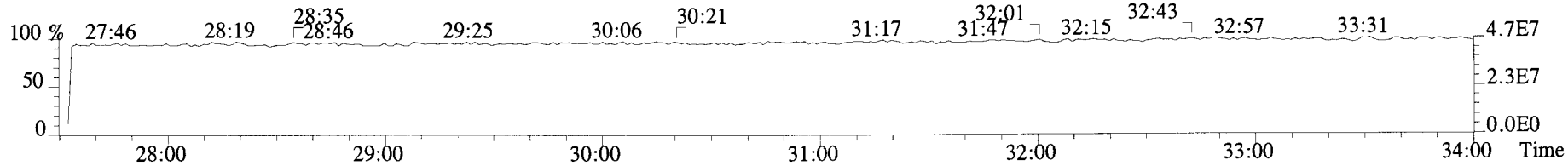
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75716.0,0.00%,F,F)



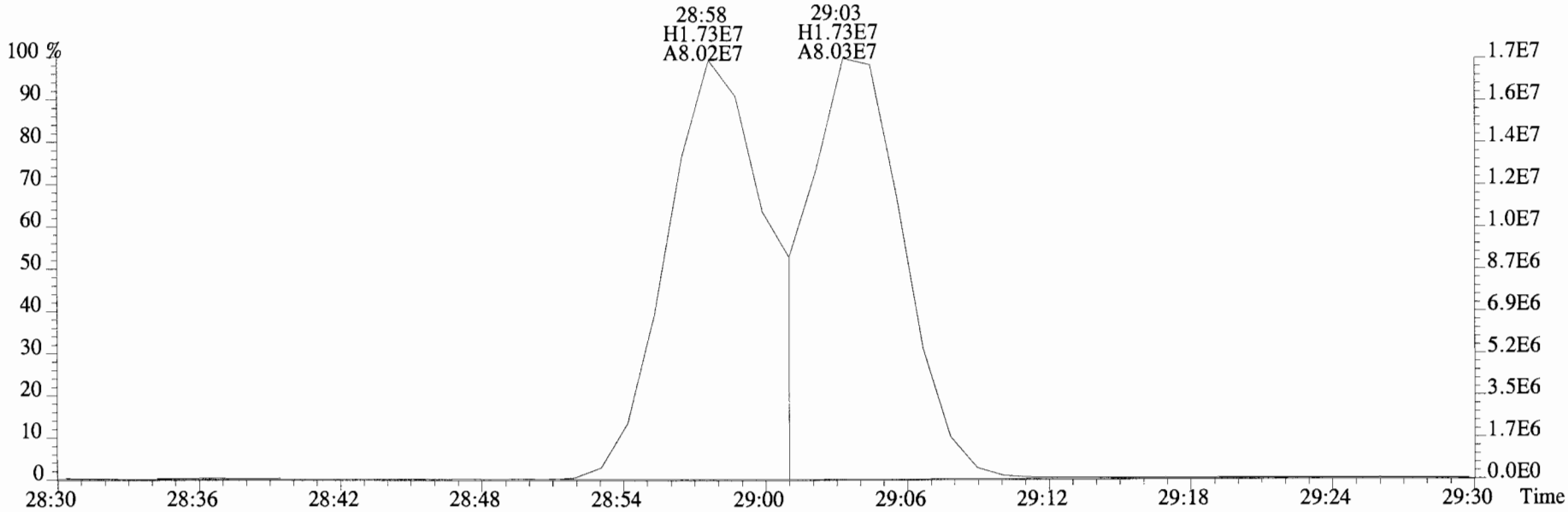
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38192.0,0.00%,F,F)



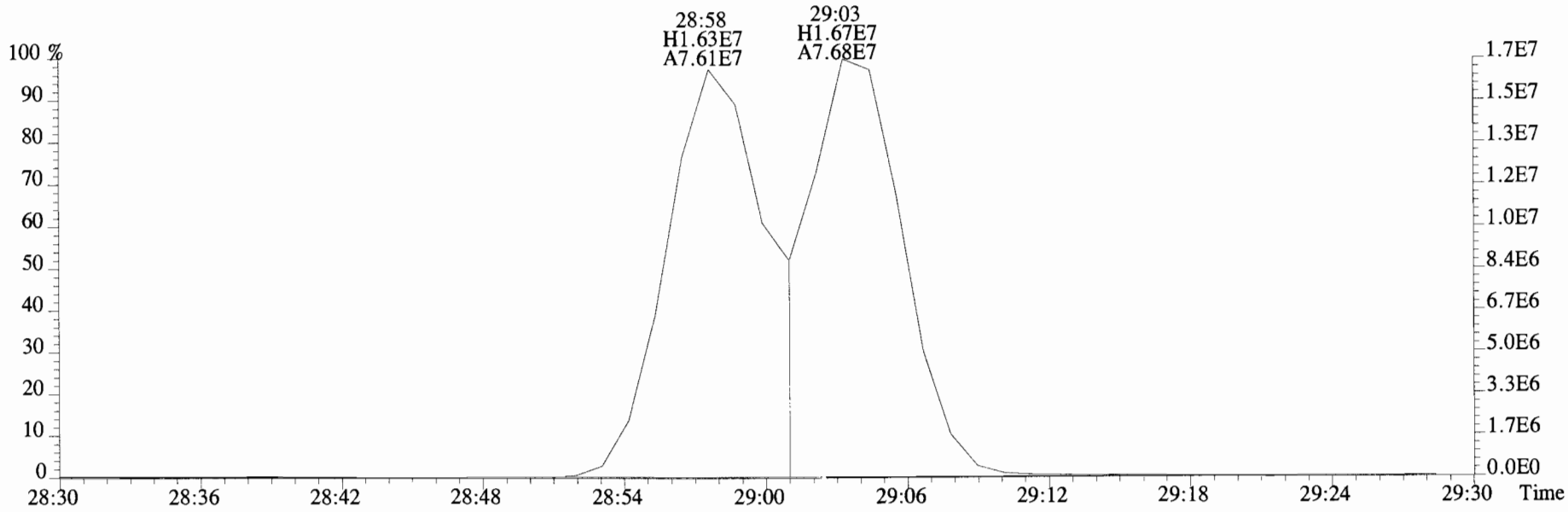
330.9792 S:2 F:3



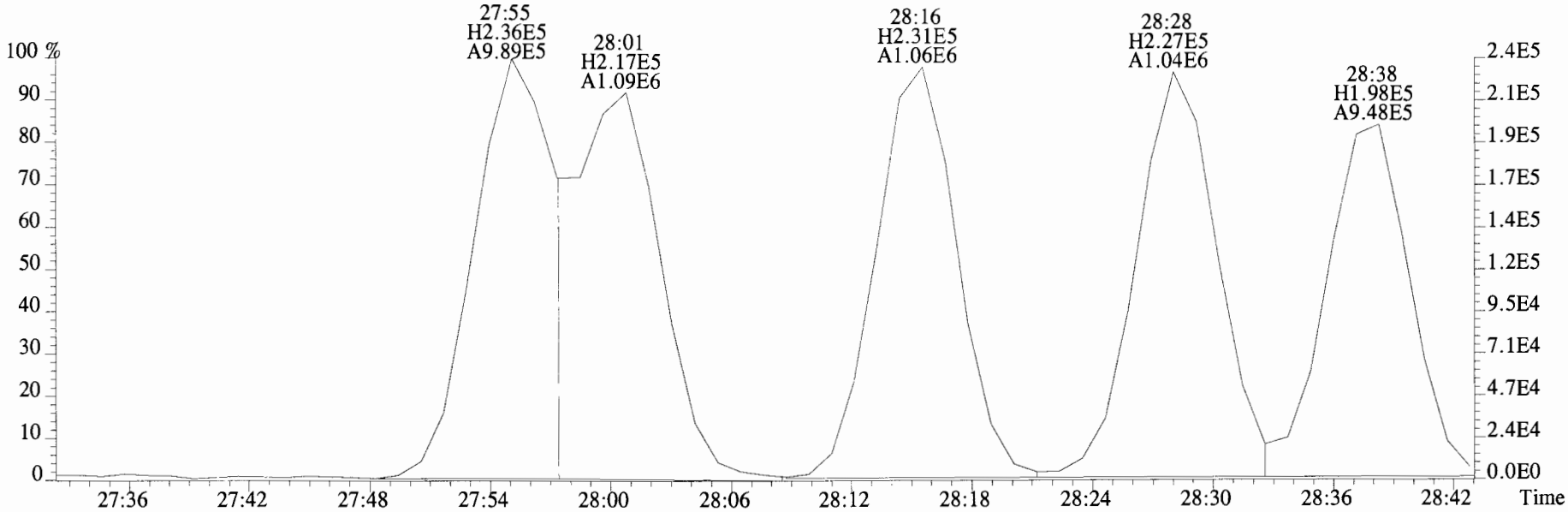
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
268.0016 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,75716.0,0.00%,F,F)



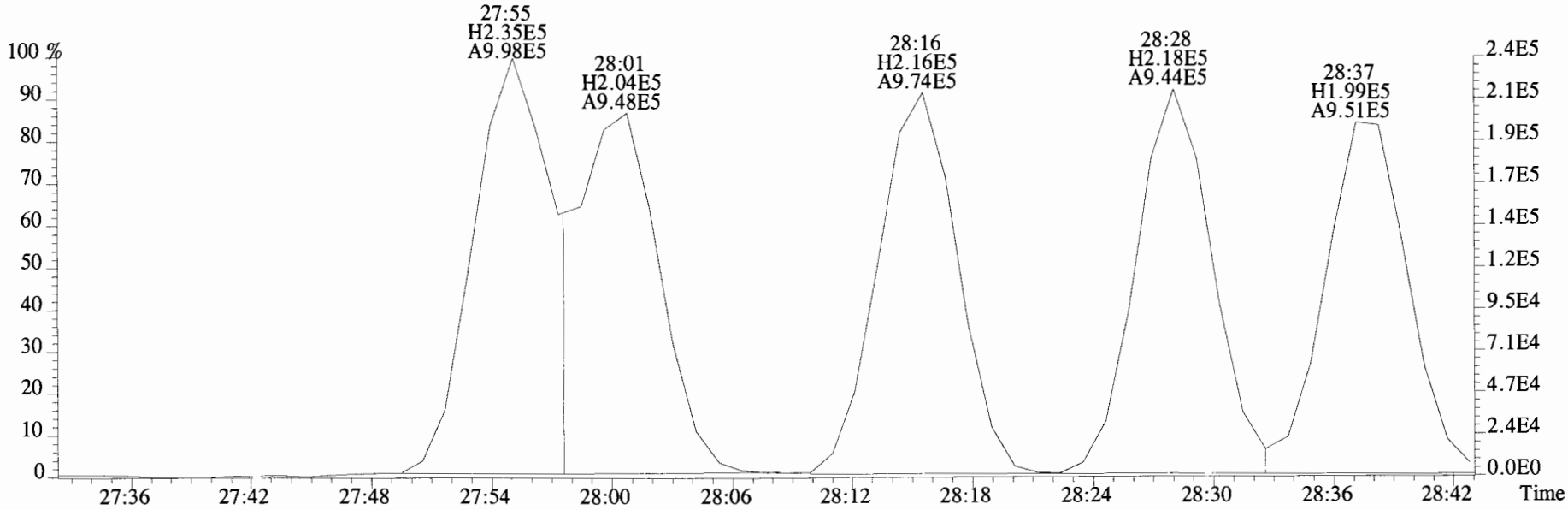
269.9986 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38192.0,0.00%,F,F)



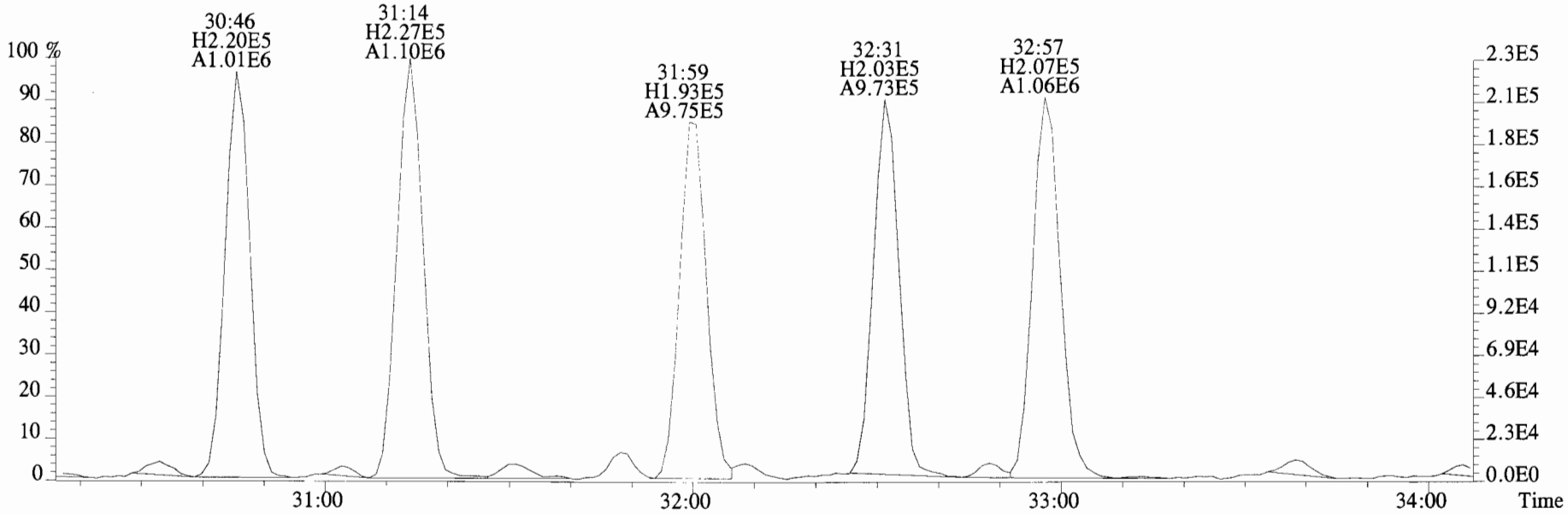
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



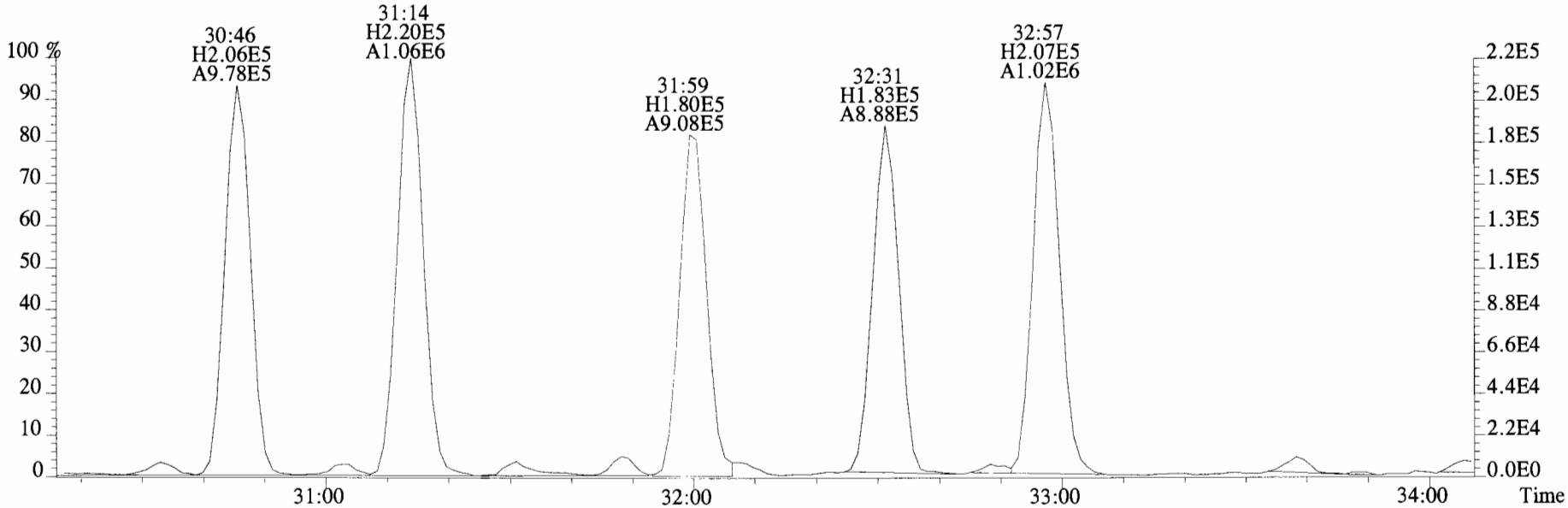
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



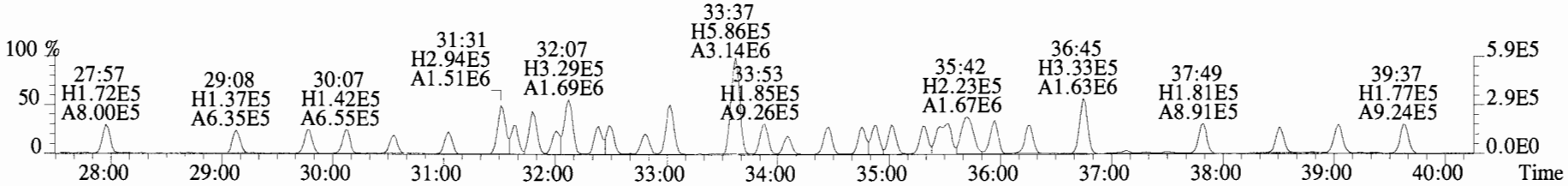
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
255.9613 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3628.0,0.00%,F,F)



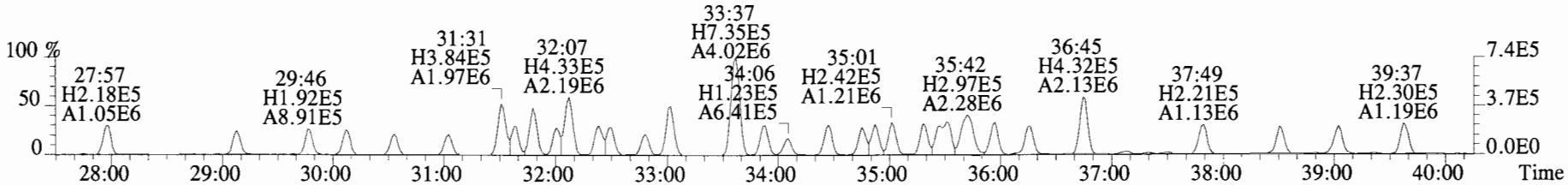
257.9584 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2392.0,0.00%,F,F)



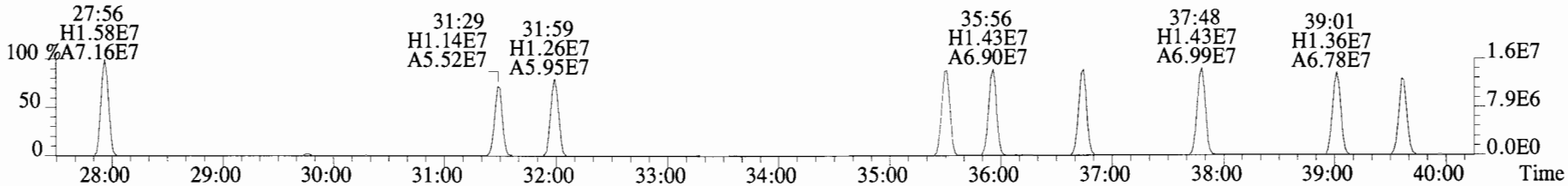
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



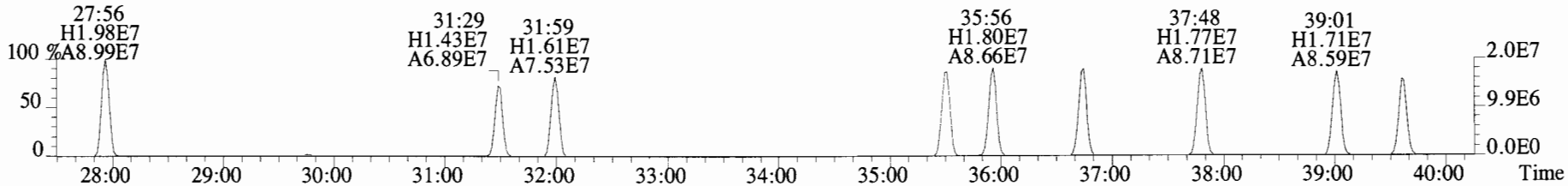
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



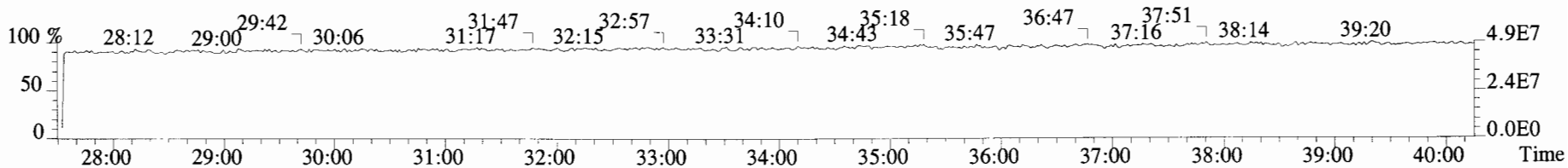
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



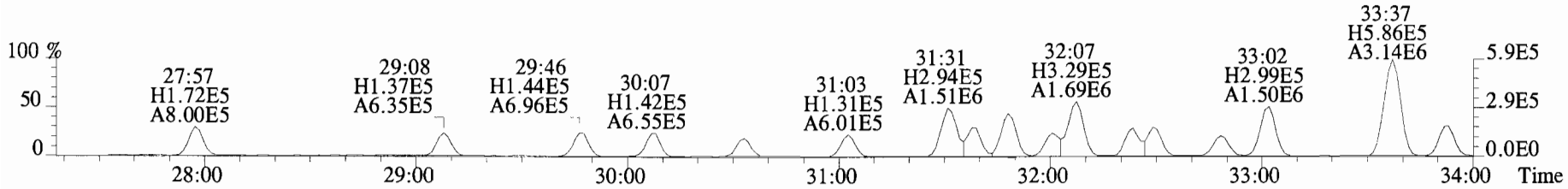
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



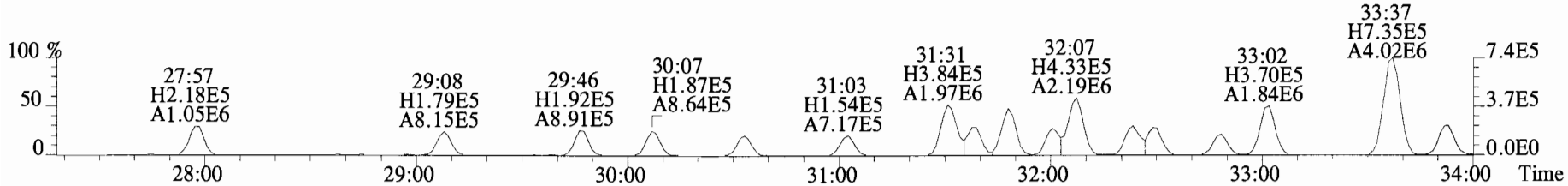
330.9792 S:2 F:3



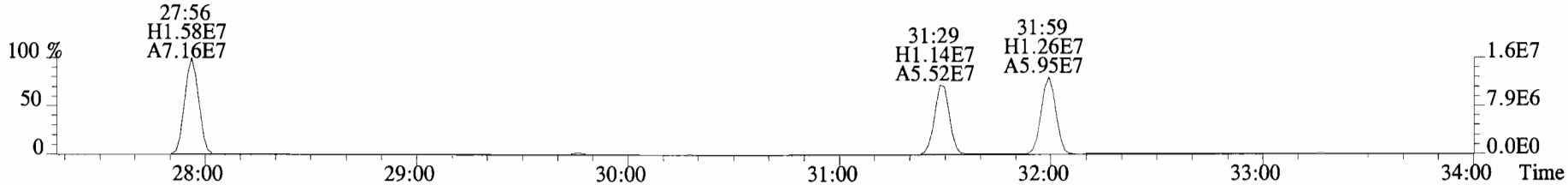
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



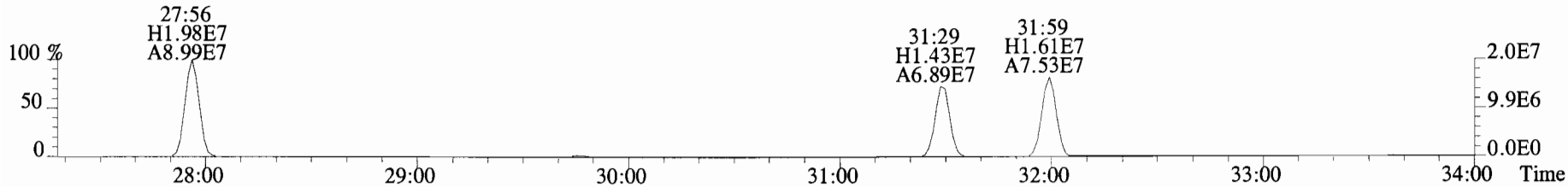
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



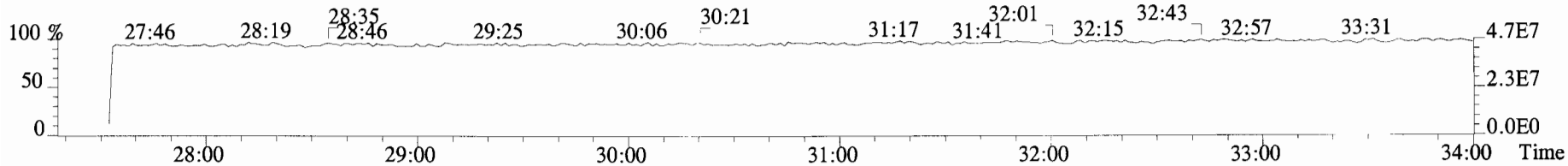
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



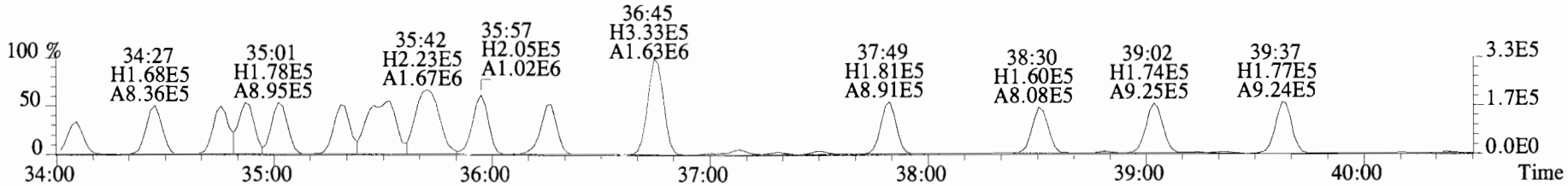
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



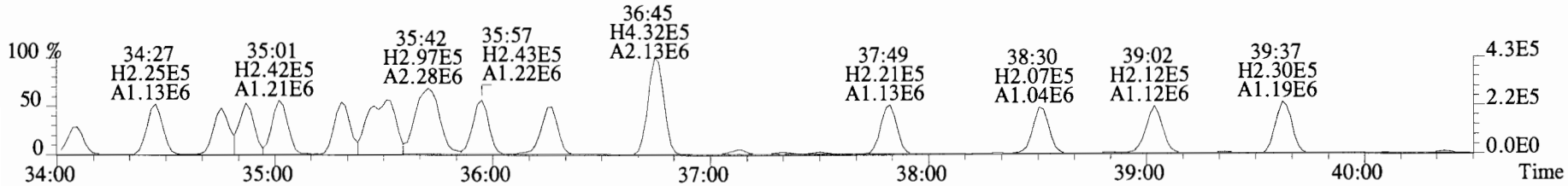
330.9792 S:2 F:3



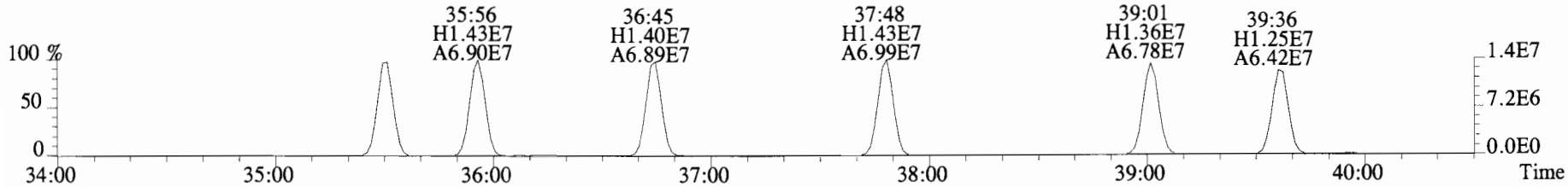
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



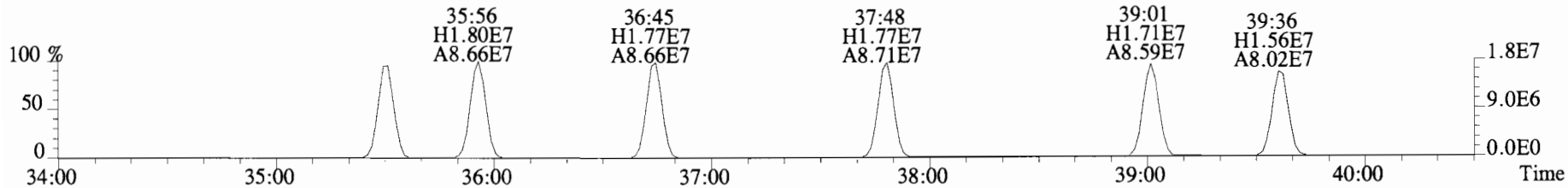
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



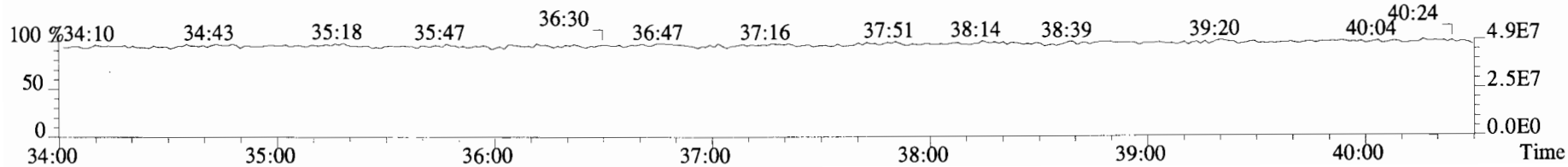
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



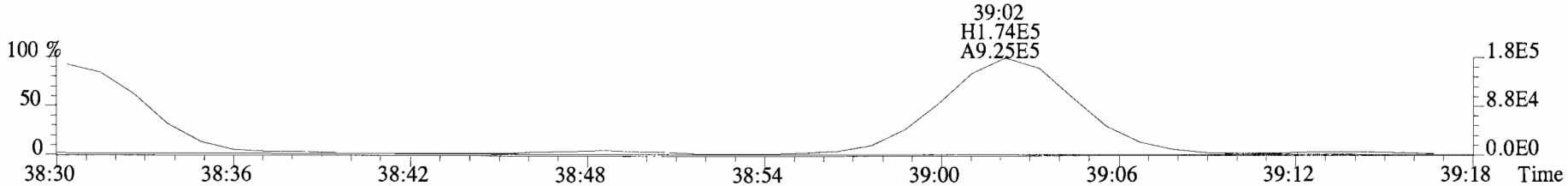
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



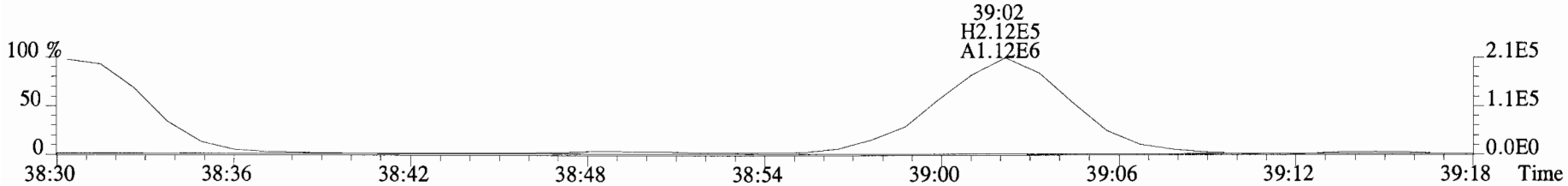
330.9792 S:2 F:3



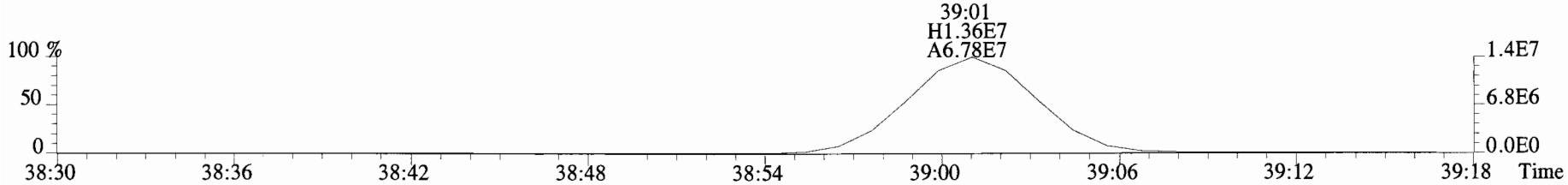
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
289.9224 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



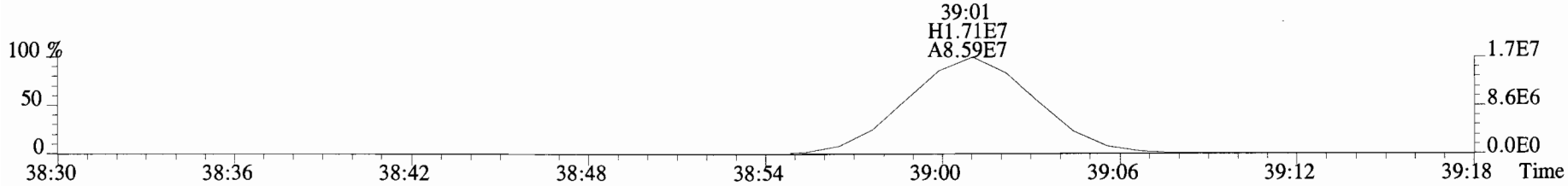
291.9194 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2588.0,0.00%,F,F)



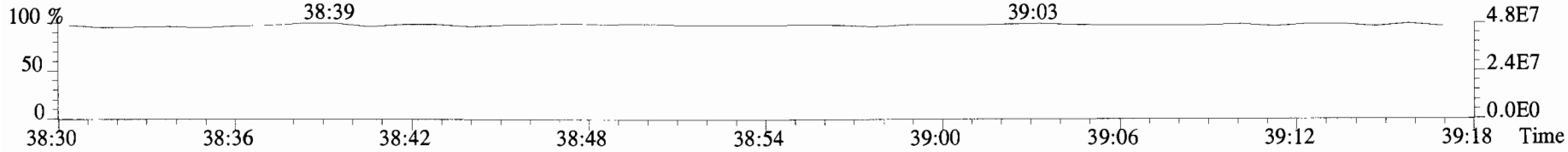
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



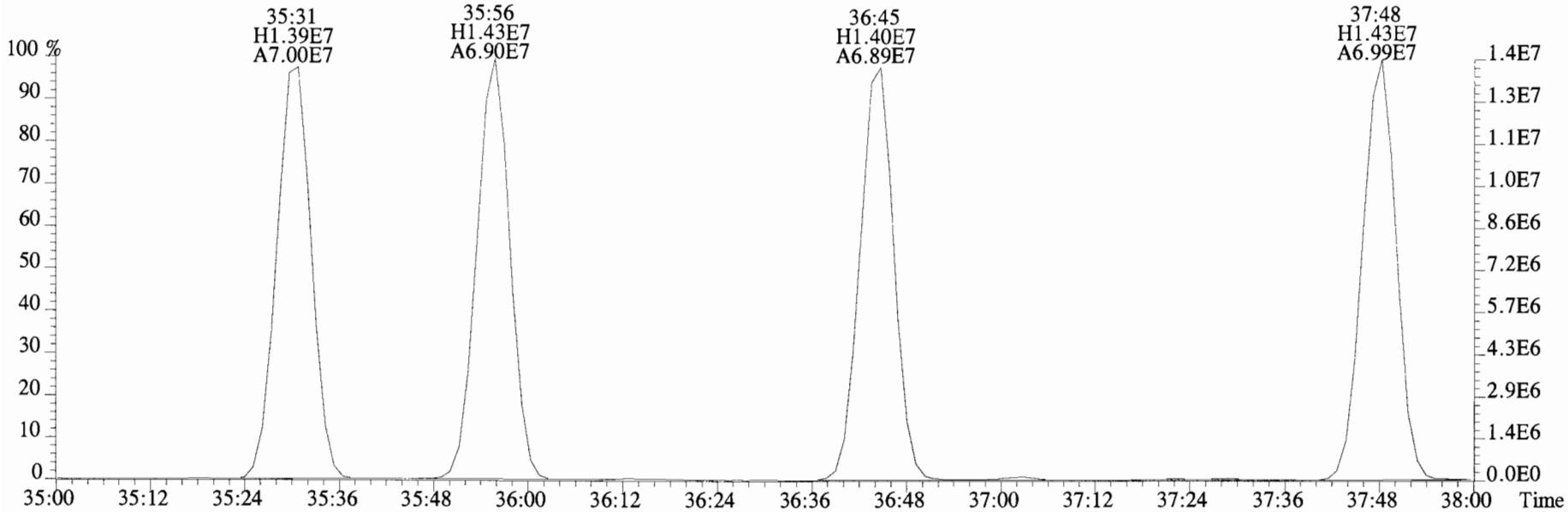
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



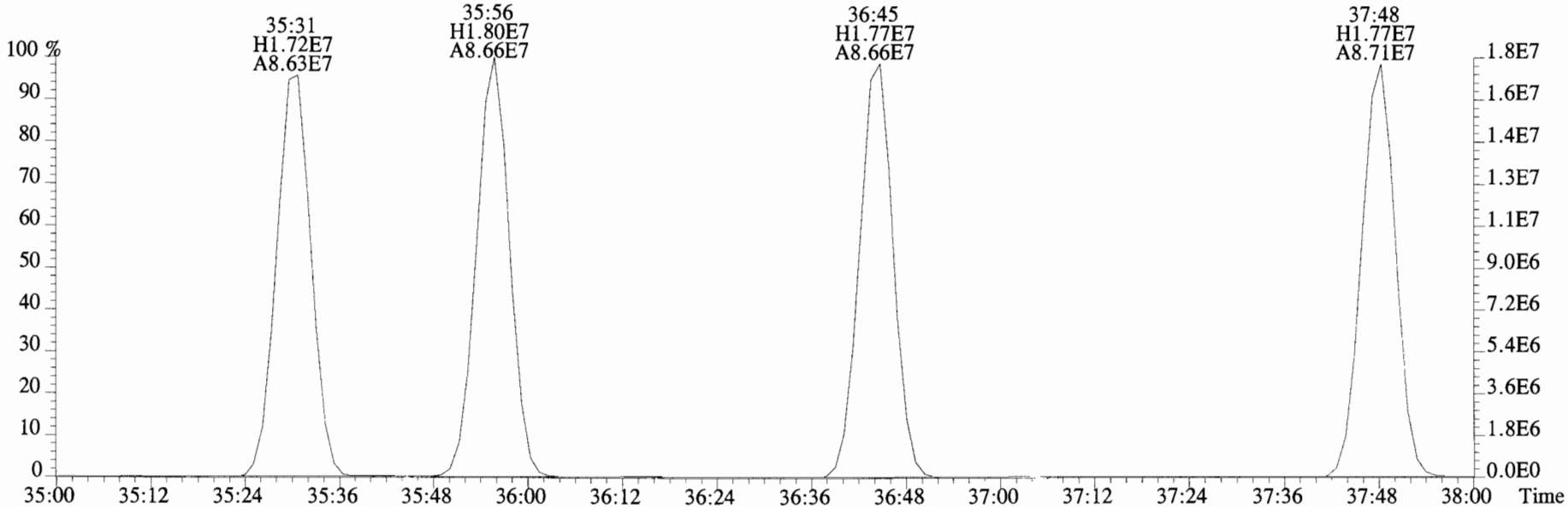
330.9792 S:2 F:3



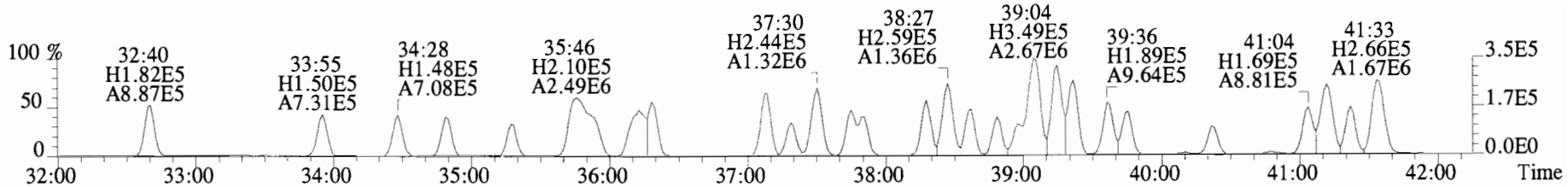
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
301.9626 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37428.0,0.00%,F,F)



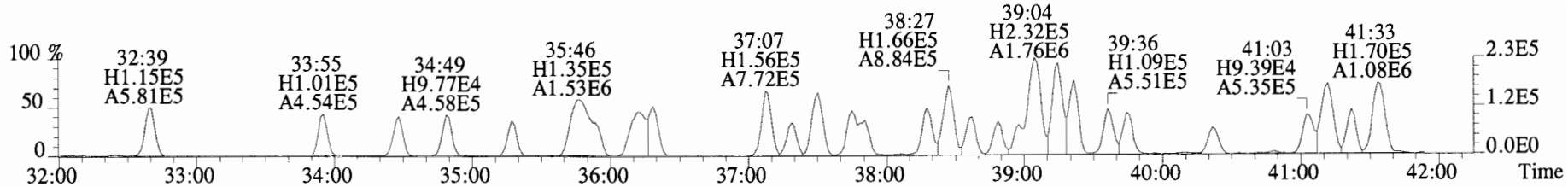
303.9597 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22820.0,0.00%,F,F)



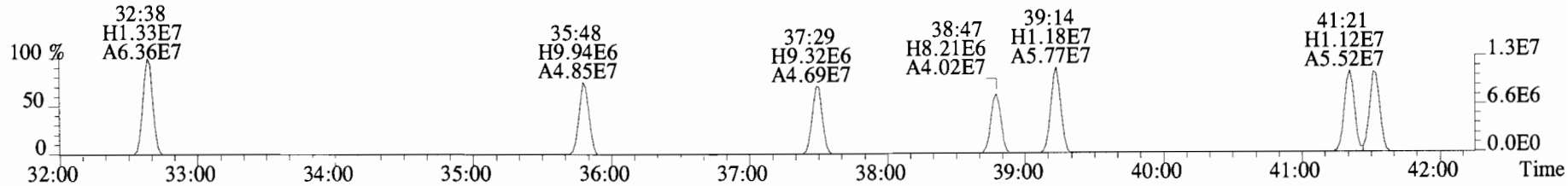
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



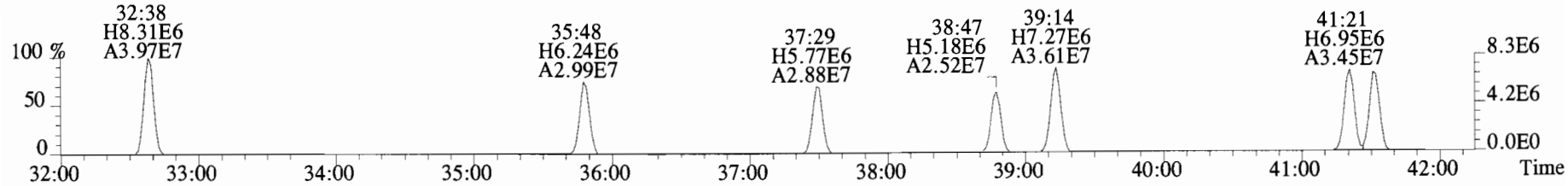
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



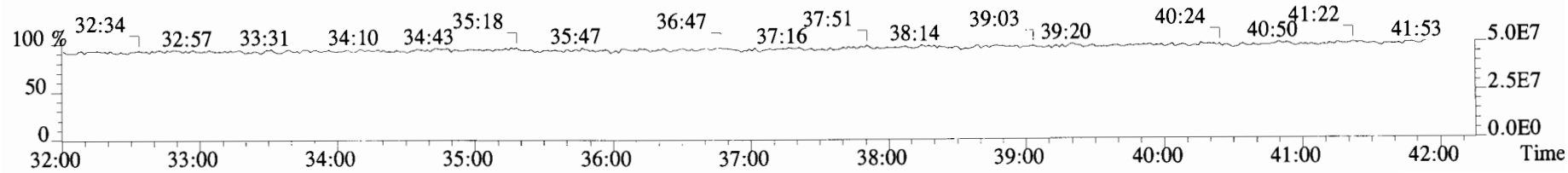
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



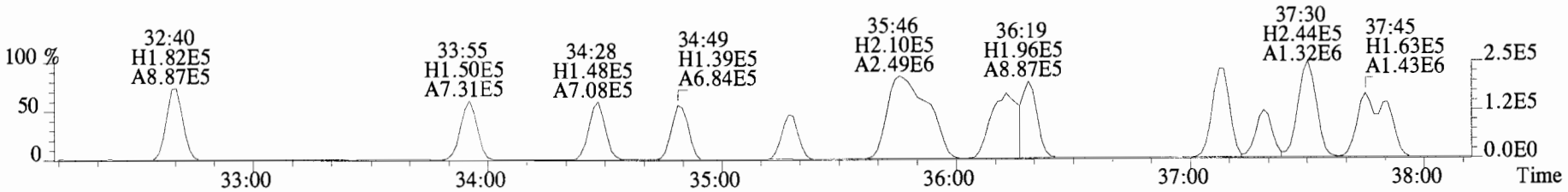
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



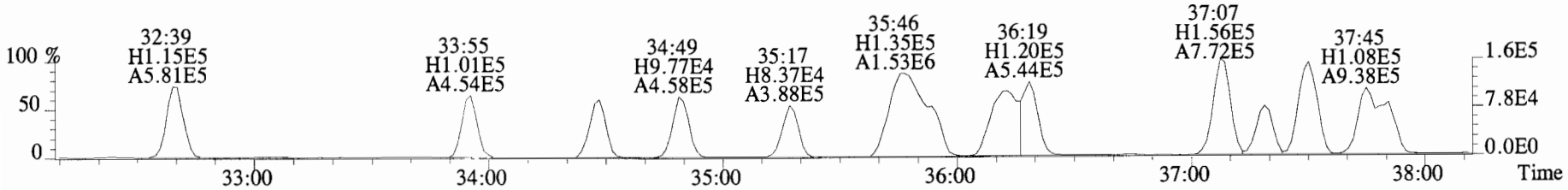
330.9792 S:2 F:3



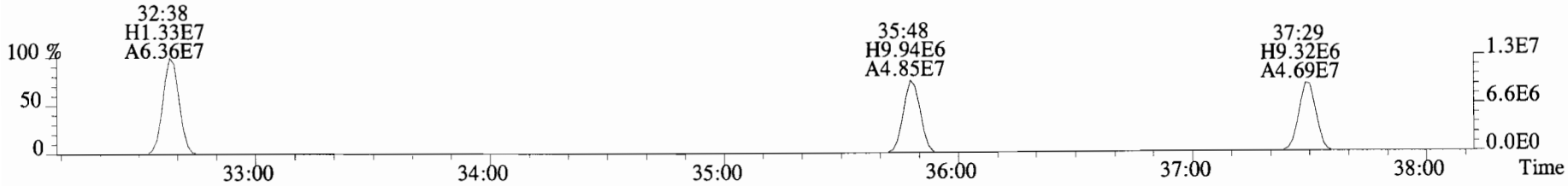
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



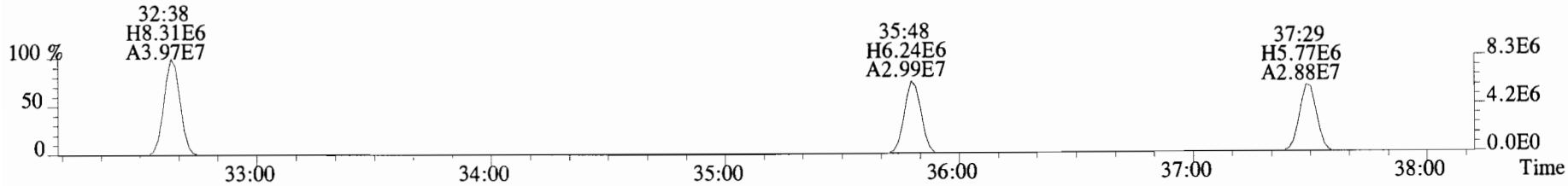
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



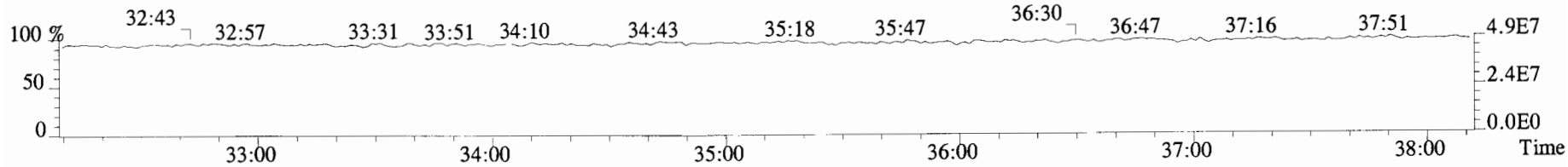
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



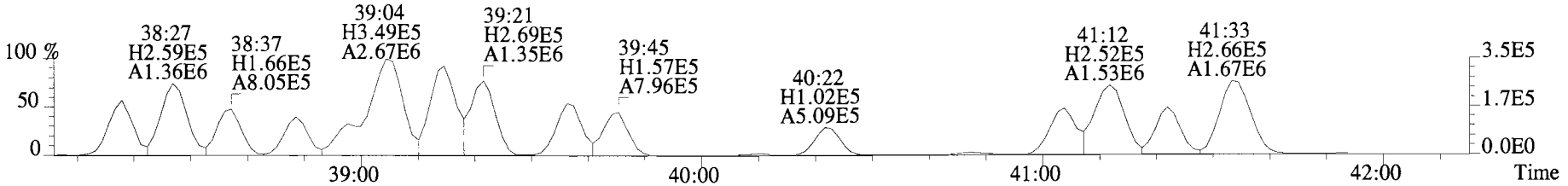
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



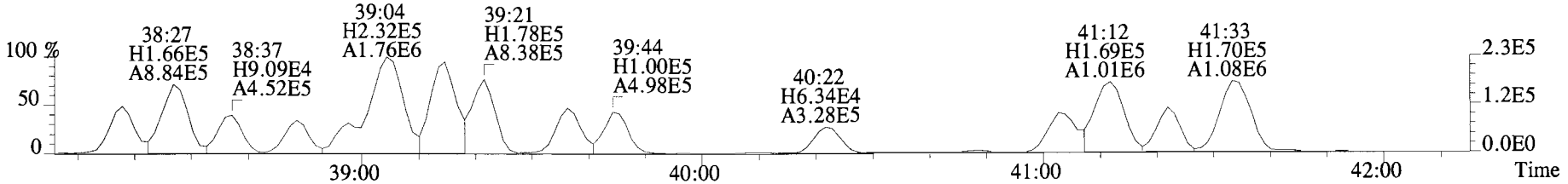
330.9792 S:2 F:3



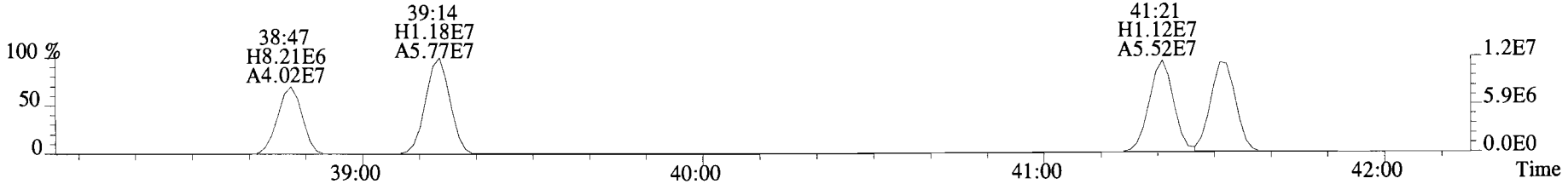
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



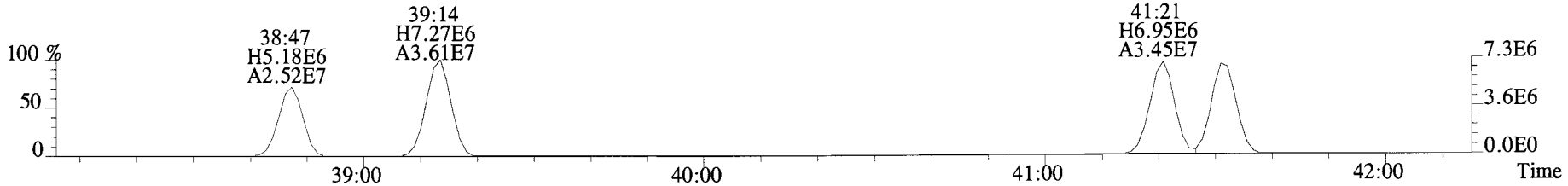
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



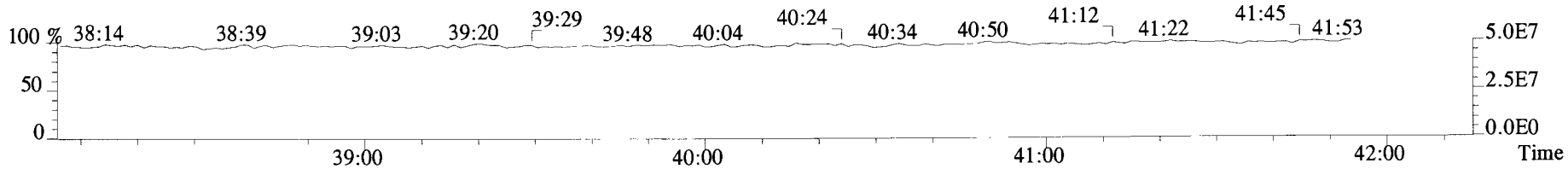
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



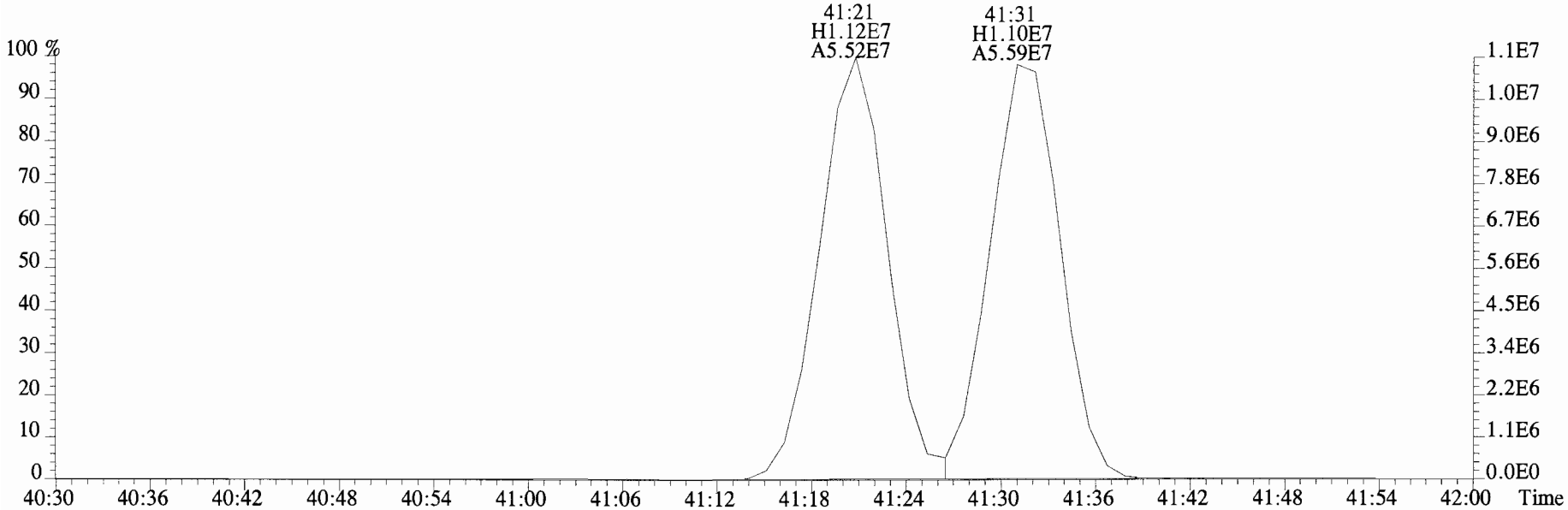
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



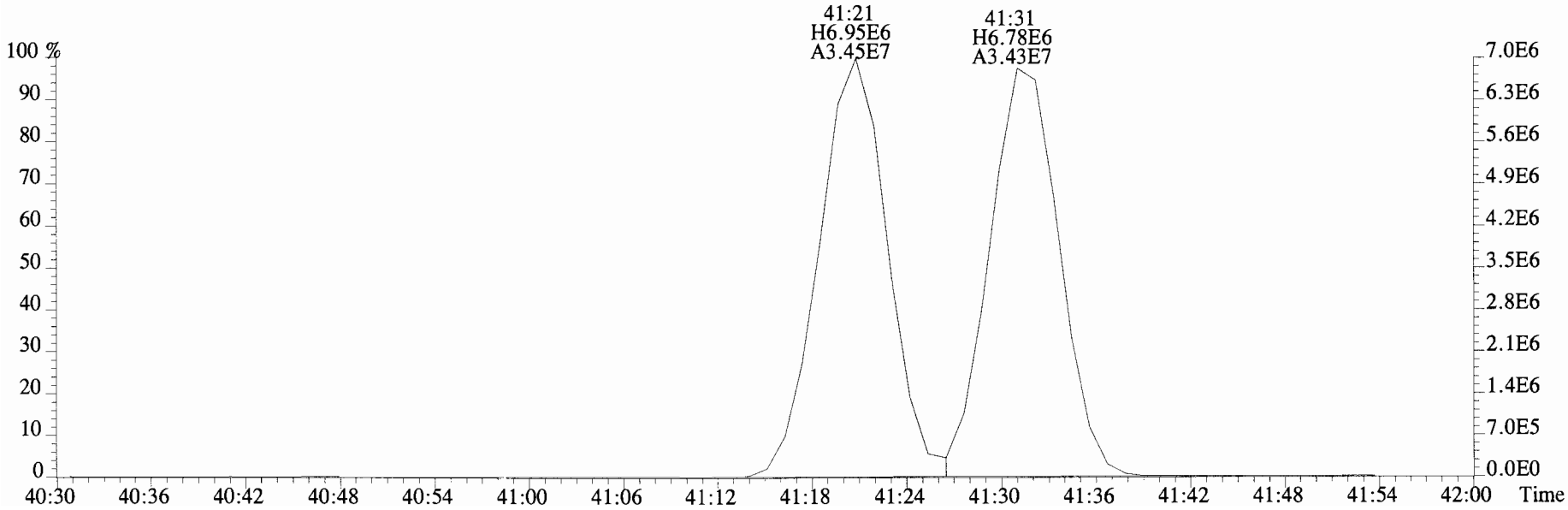
330.9792 S:2 F:3



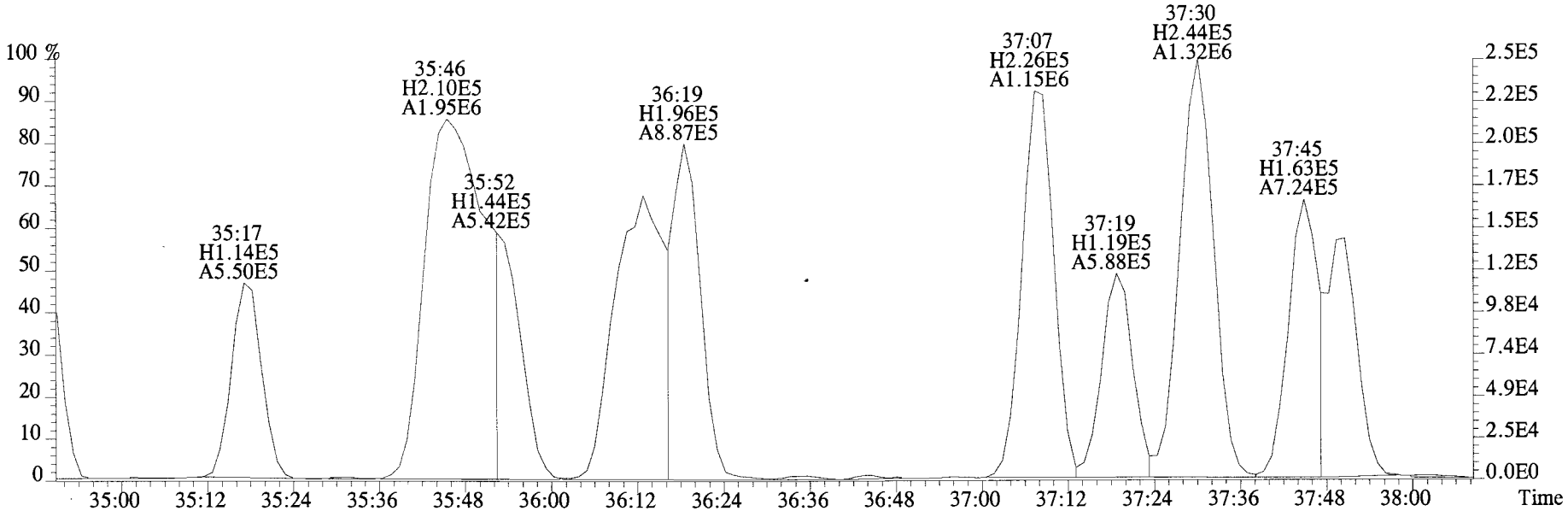
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
337.9207 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4096.0,0.00%,F,F)



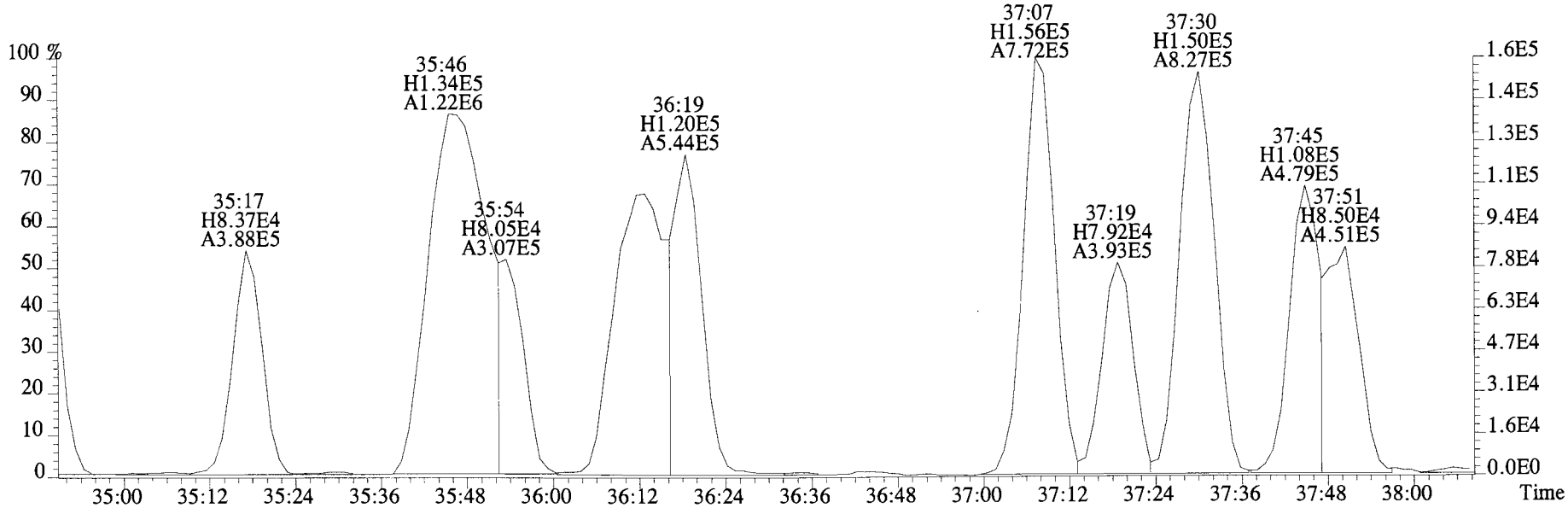
339.9177 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2688.0,0.00%,F,F)



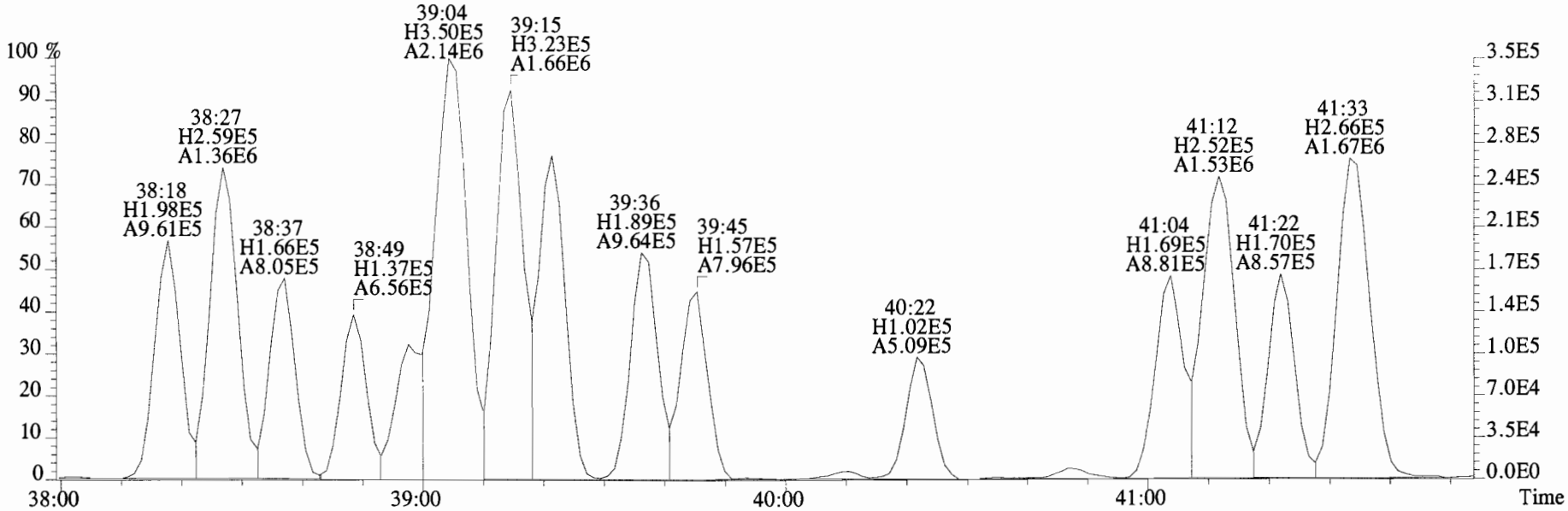
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)



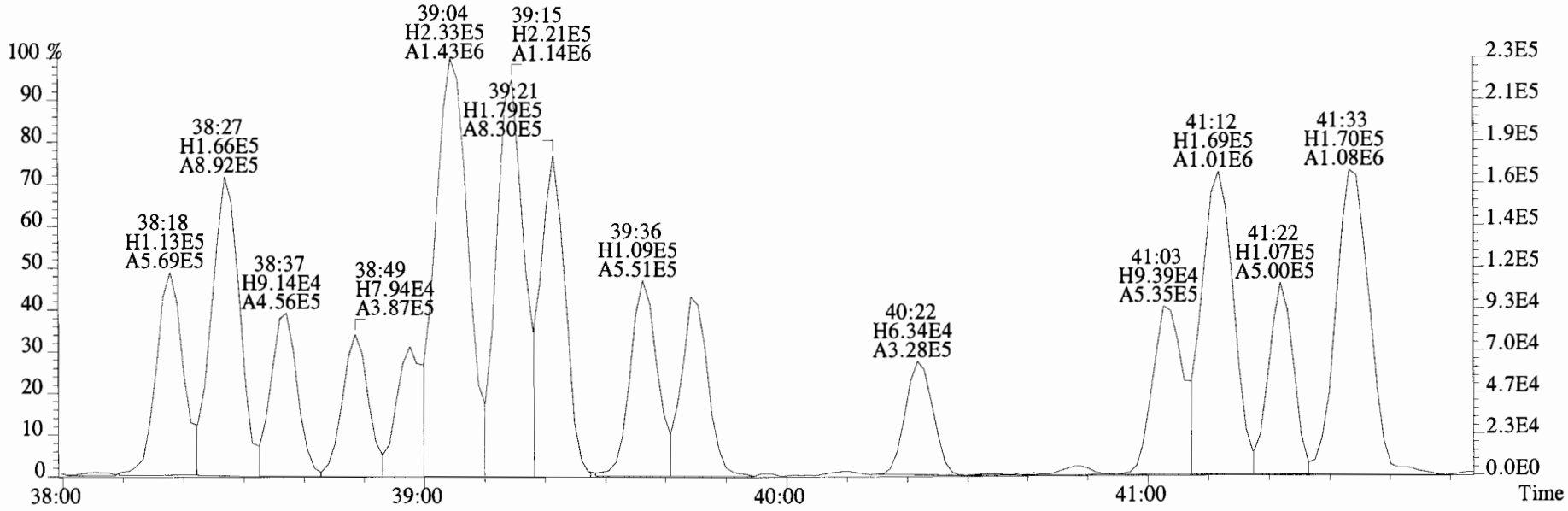
327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1884.0,0.00%,F,F)

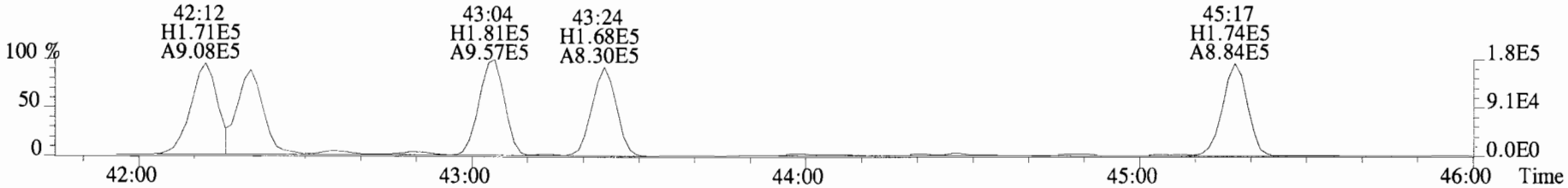


327.8775 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)

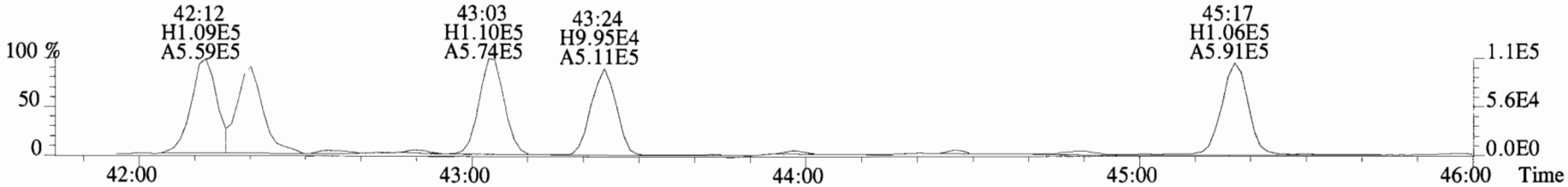


File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1

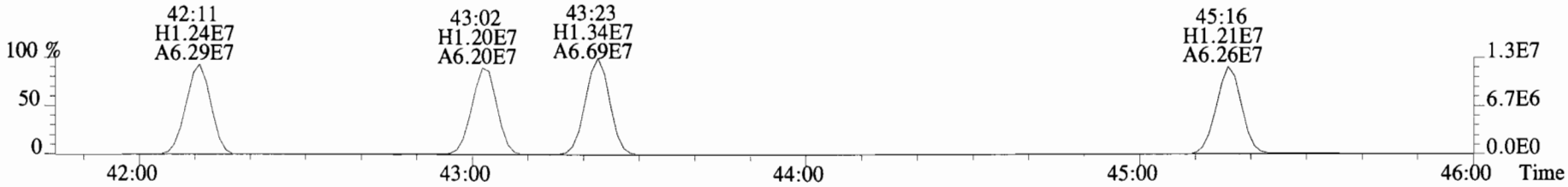
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



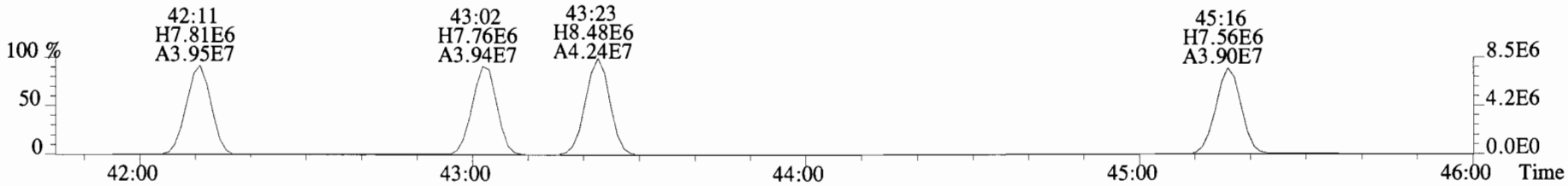
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2472.0,0.00%,F,F)



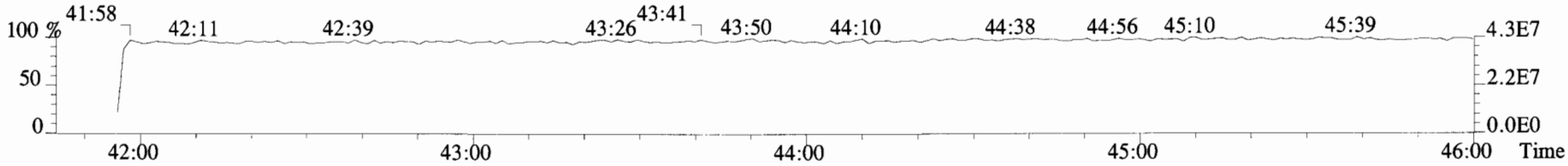
337.9207 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8396.0,0.00%,F,F)



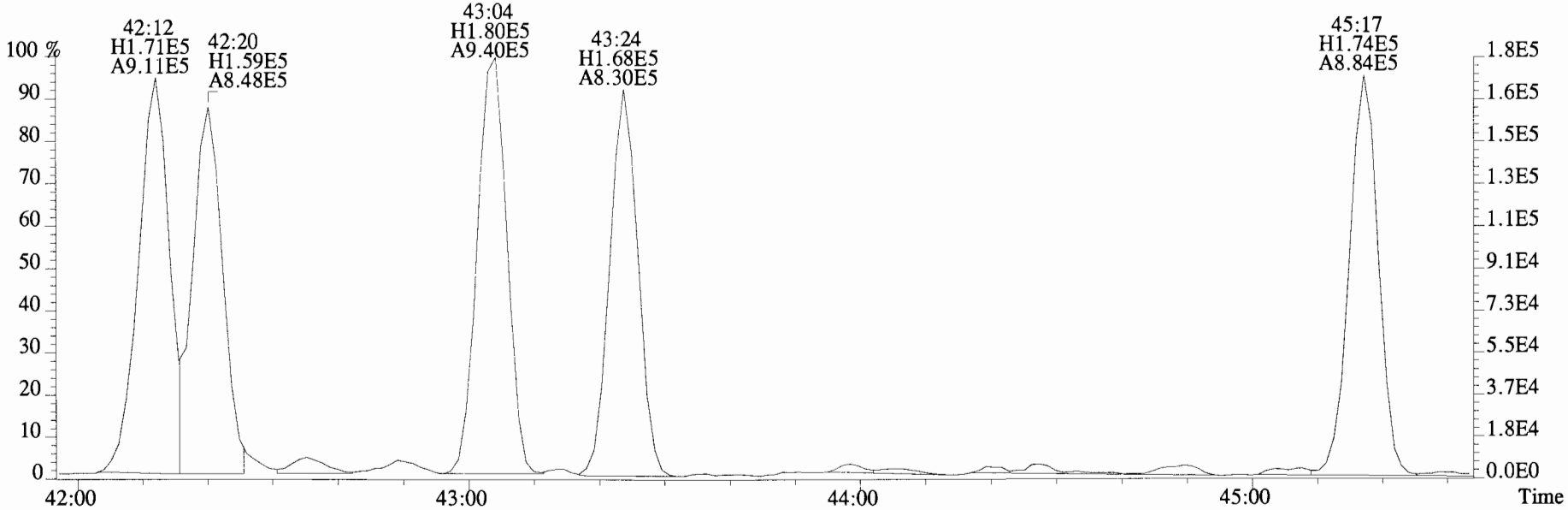
339.9177 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5512.0,0.00%,F,F)



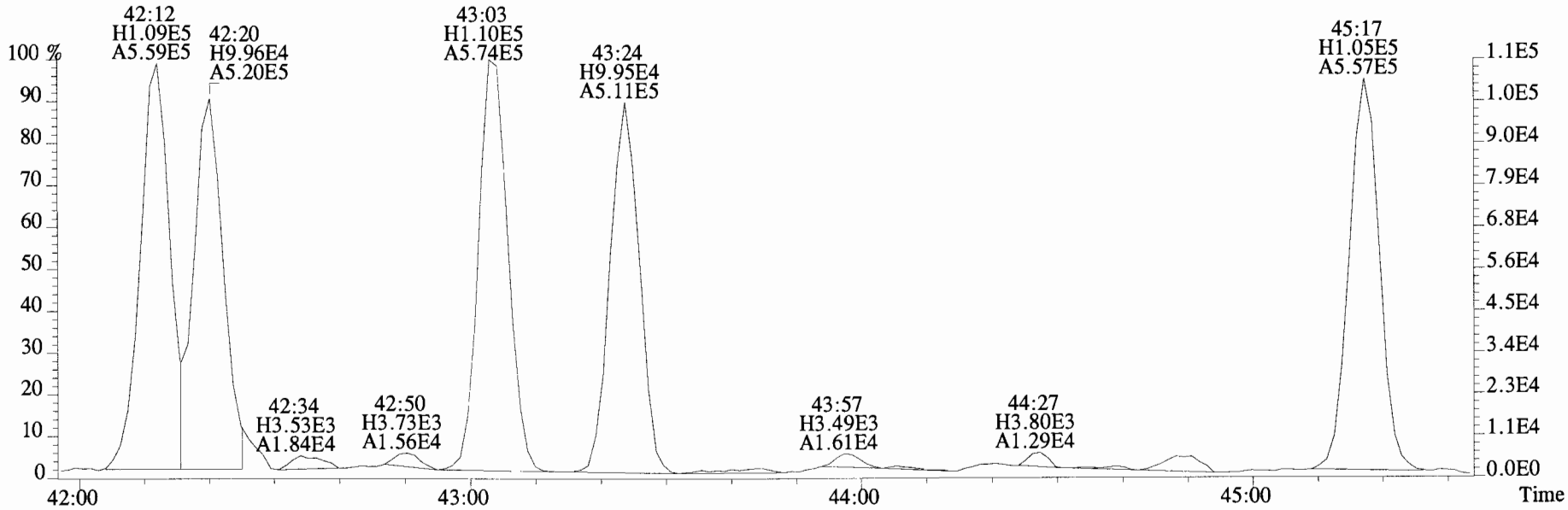
380.9760 S:2 F:4



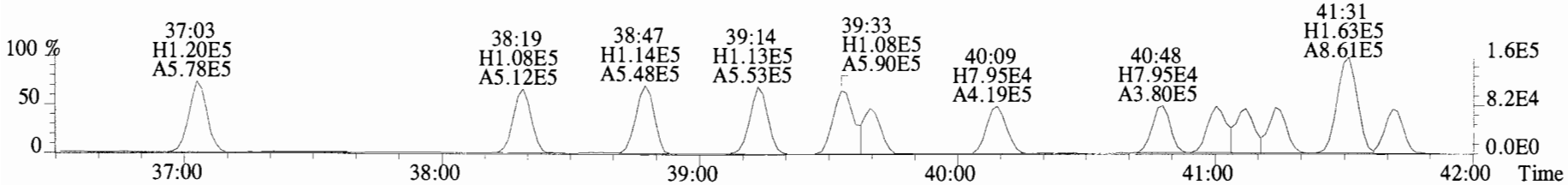
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
325.8804 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



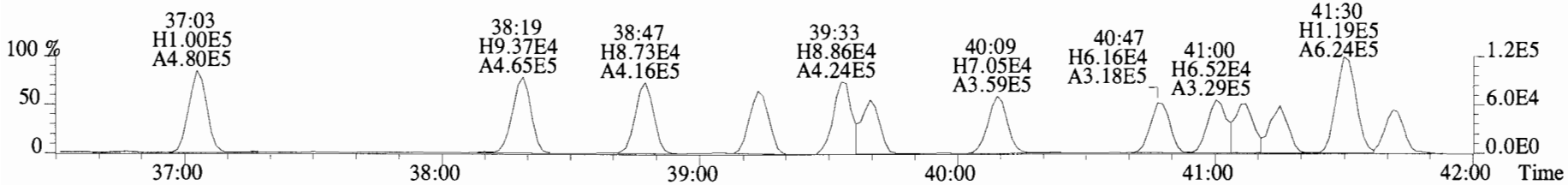
327.8775 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2472.0,0.00%,F,F)



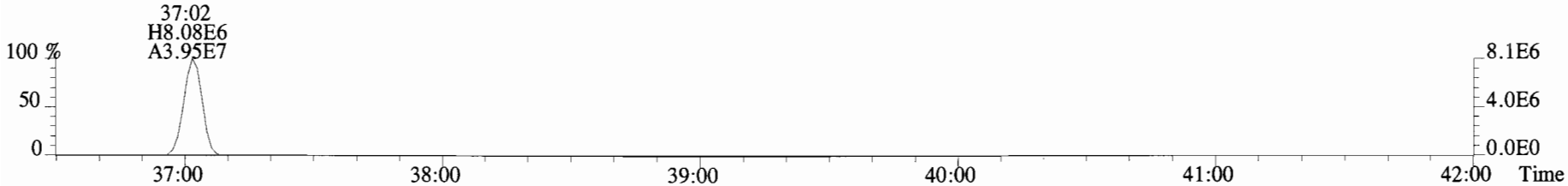
File:171027E1 #1-759 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



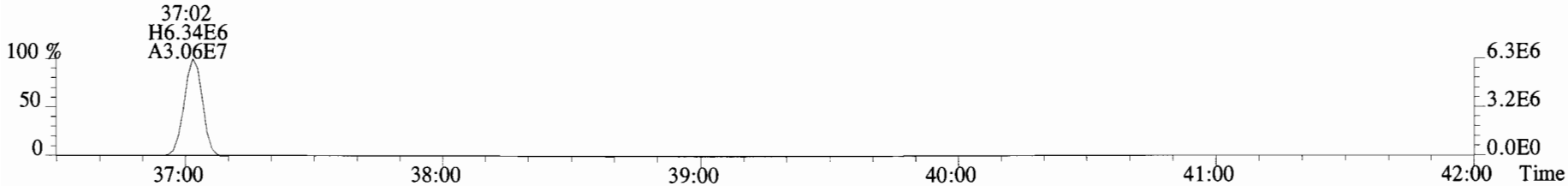
361.8385 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1724.0,0.00%,F,F)



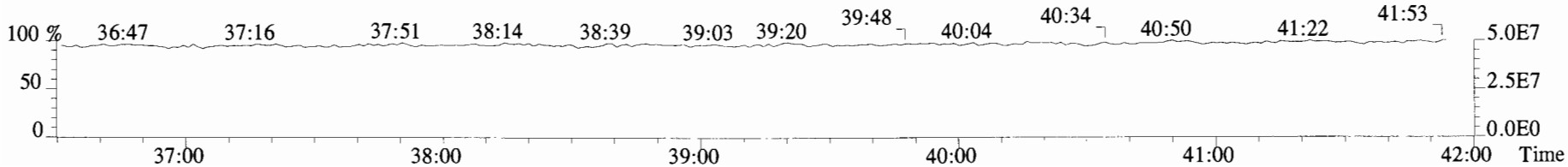
371.8817 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2060.0,0.00%,F,F)



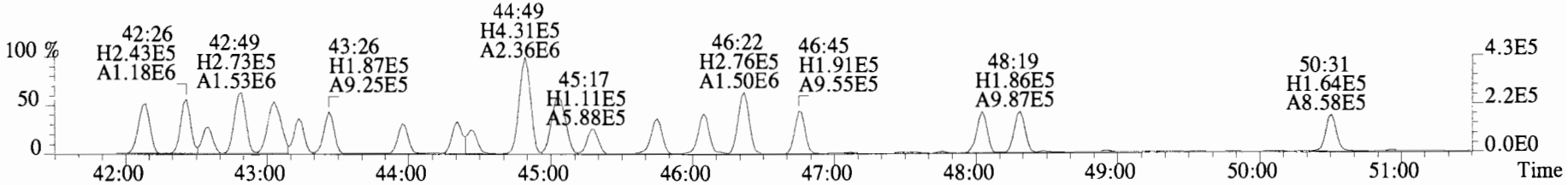
373.8788 S:2 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2028.0,0.00%,F,F)



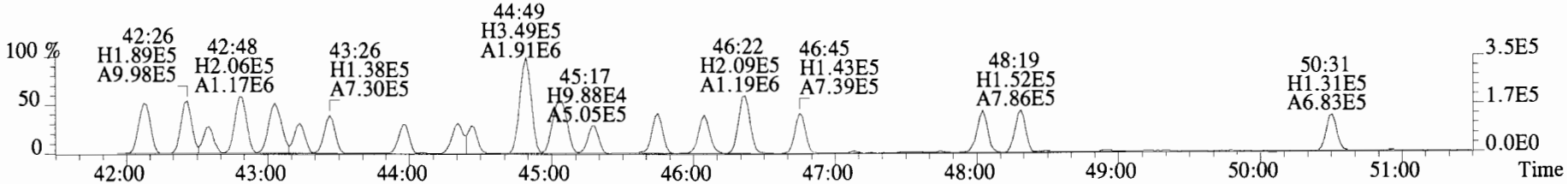
330.9792 S:2 F:3



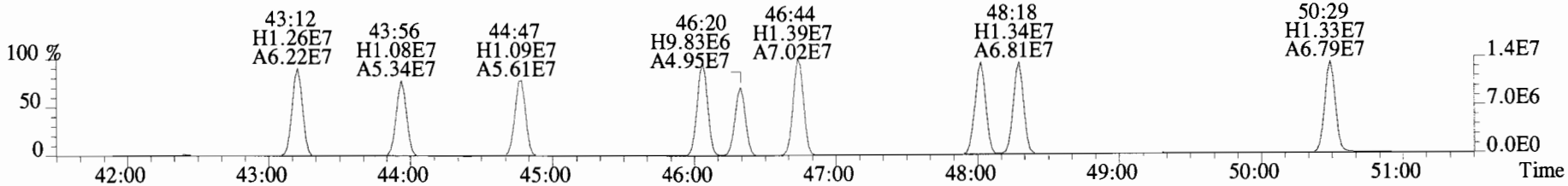
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2208.0,0.00%,F,F)



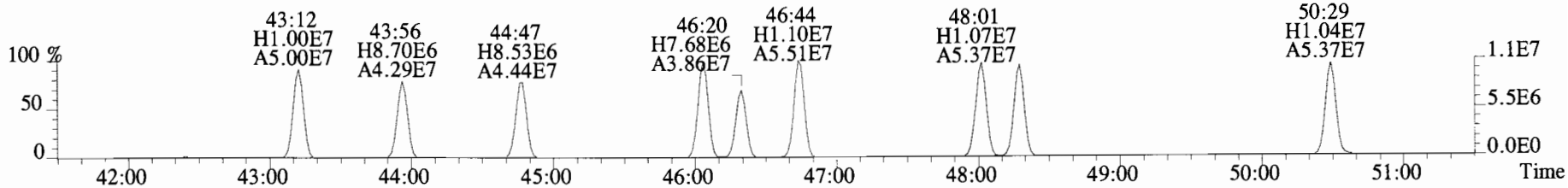
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



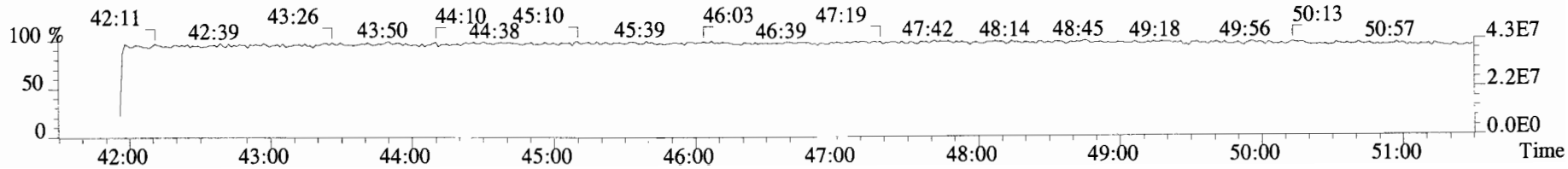
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17732.0,0.00%,F,F)



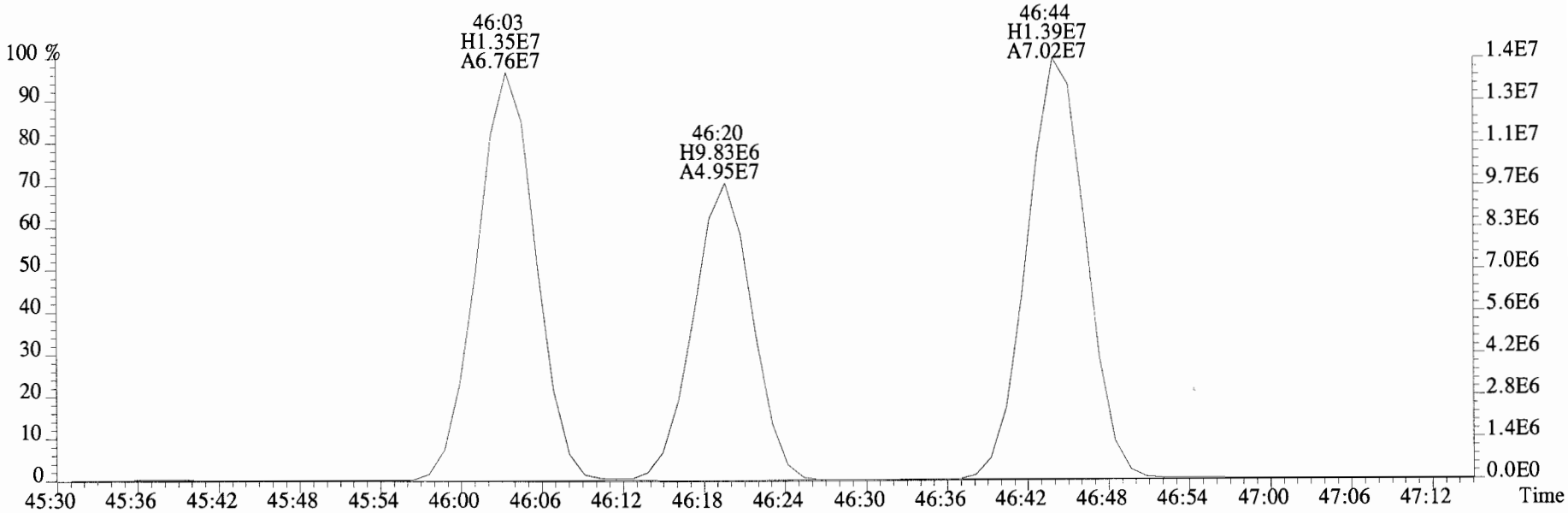
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13780.0,0.00%,F,F)



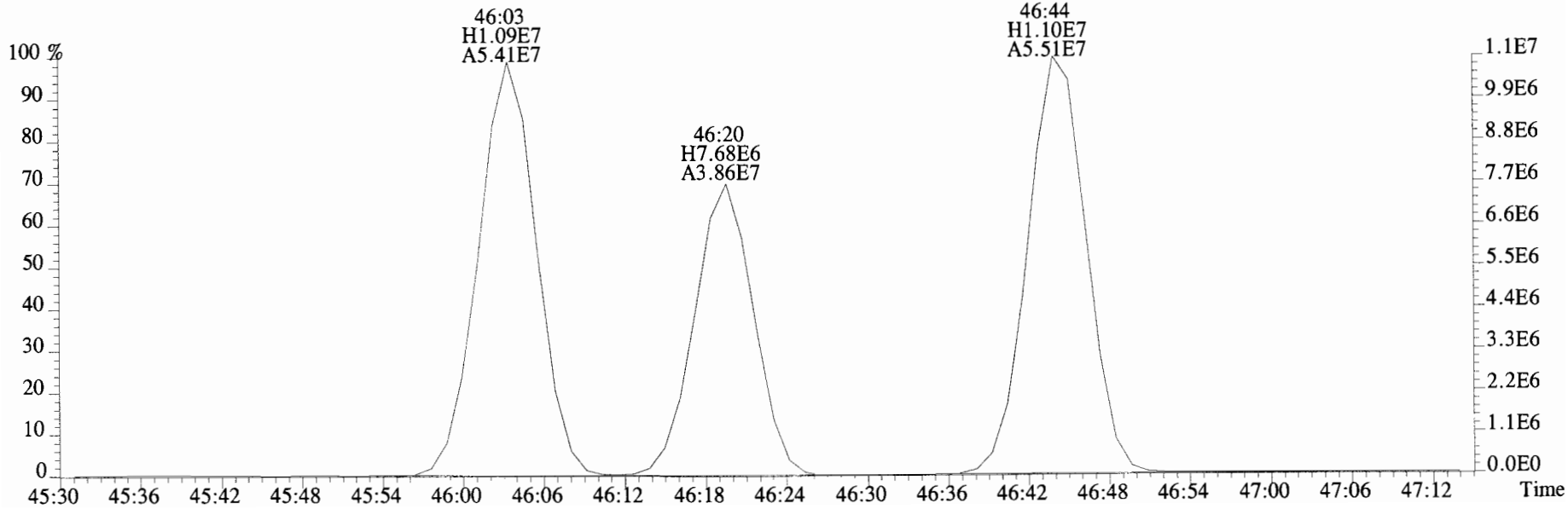
380.9760 S:2 F:4



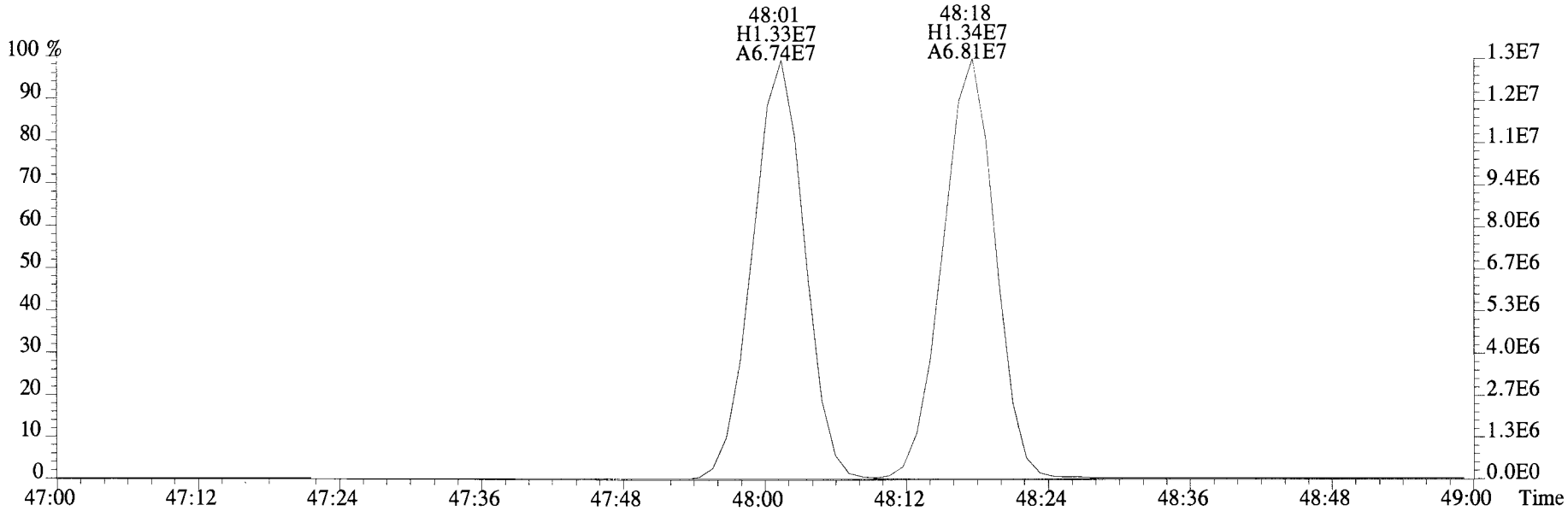
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17732.0,0.00%,F,F)



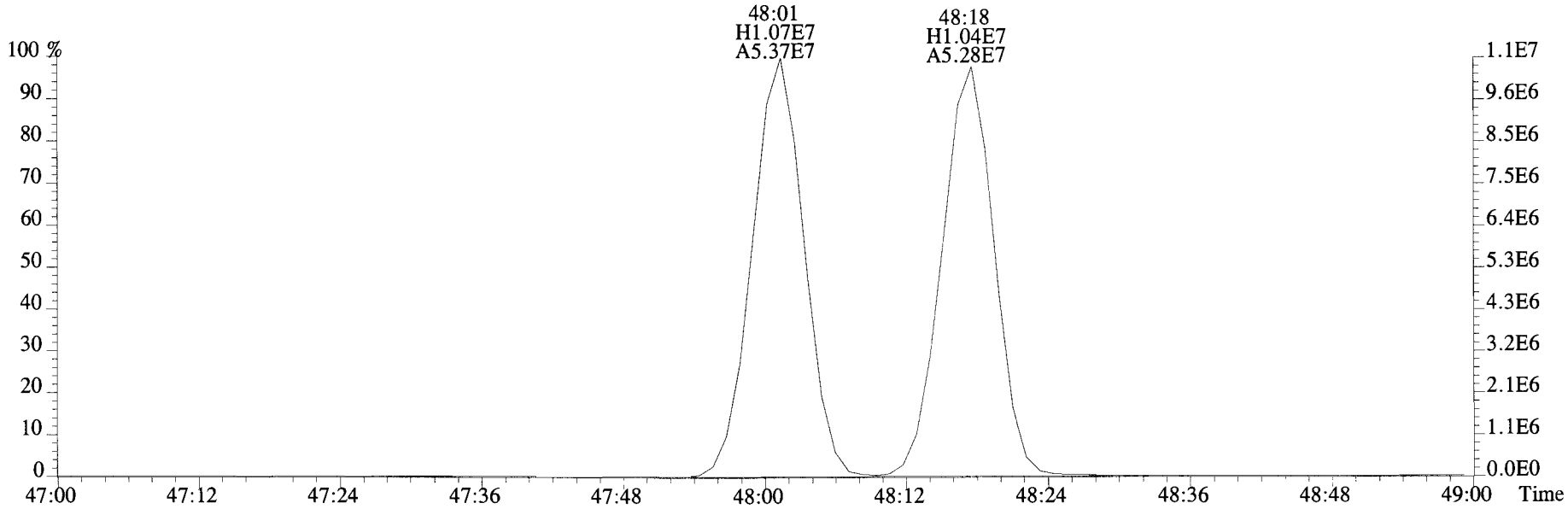
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13780.0,0.00%,F,F)



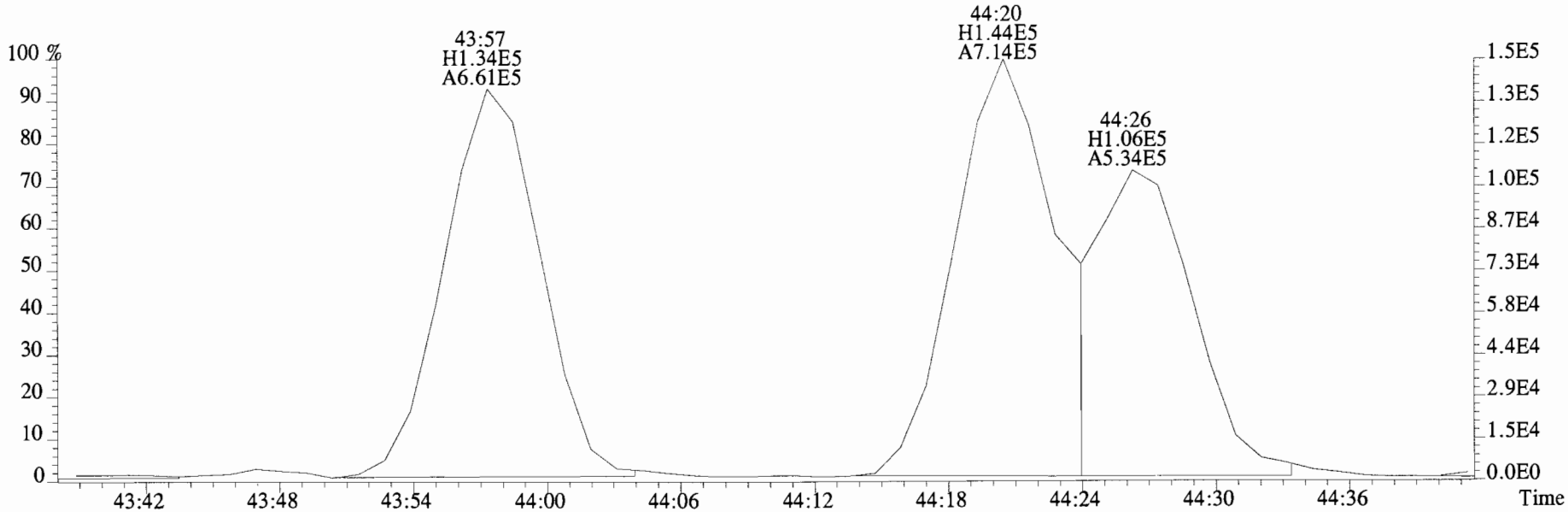
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
371.8817 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,17732.0,0.00%,F,F)



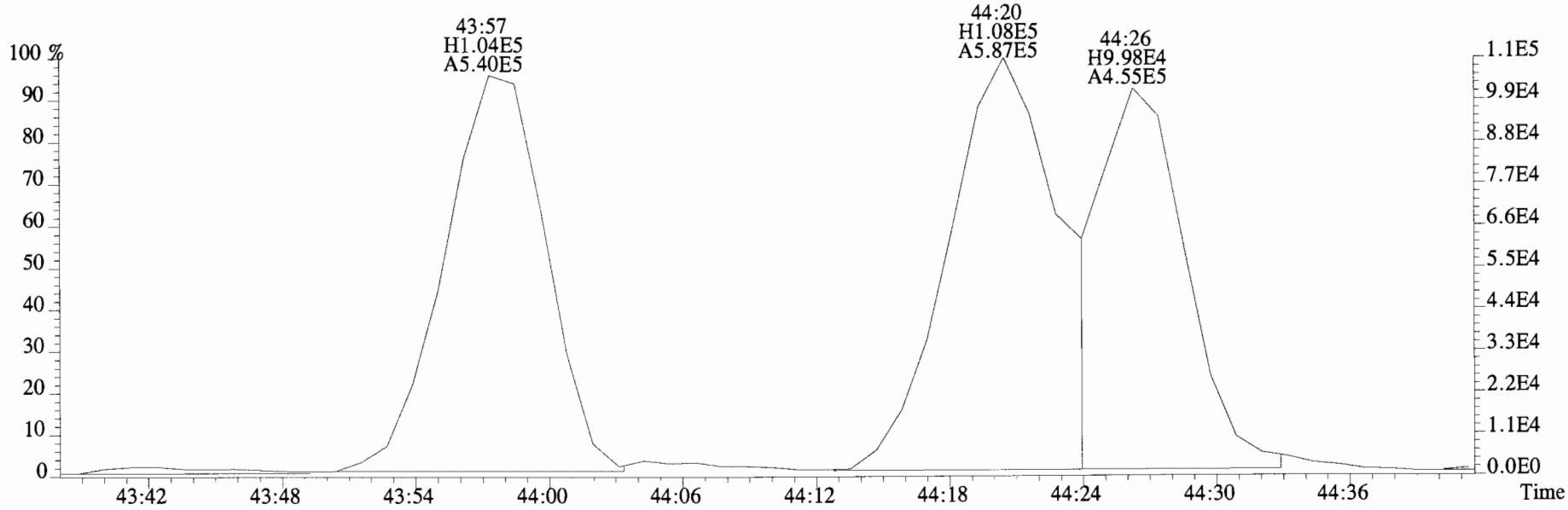
373.8788 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13780.0,0.00%,F,F)



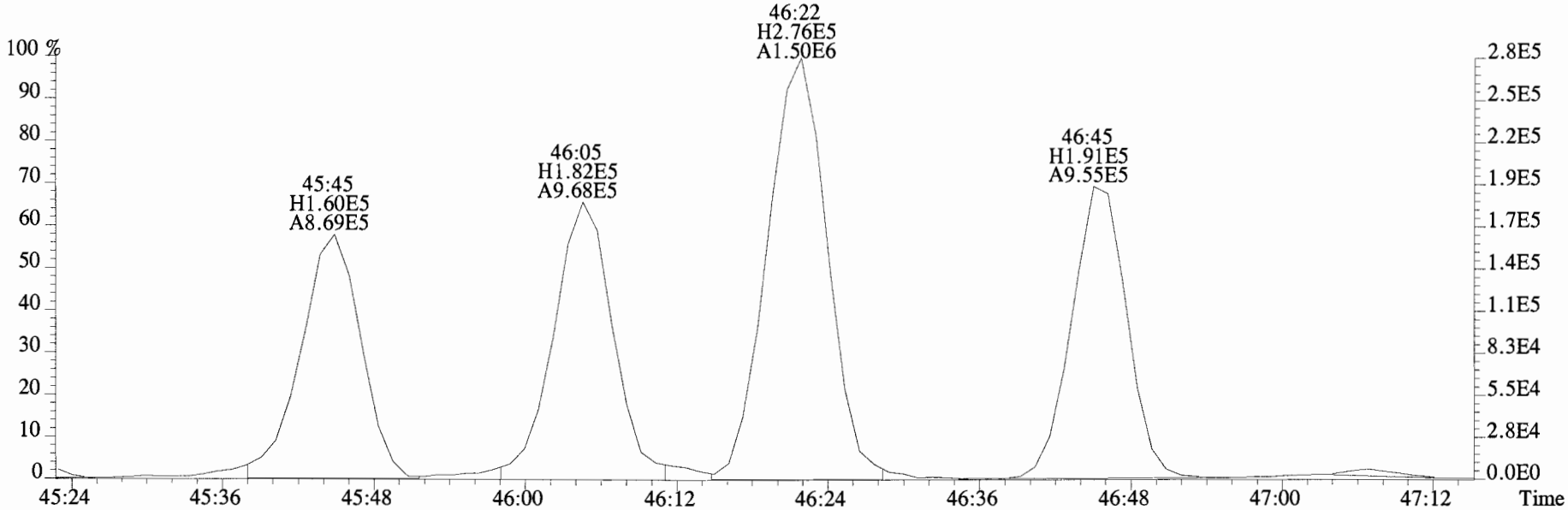
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2208.0,0.00%,F,F)



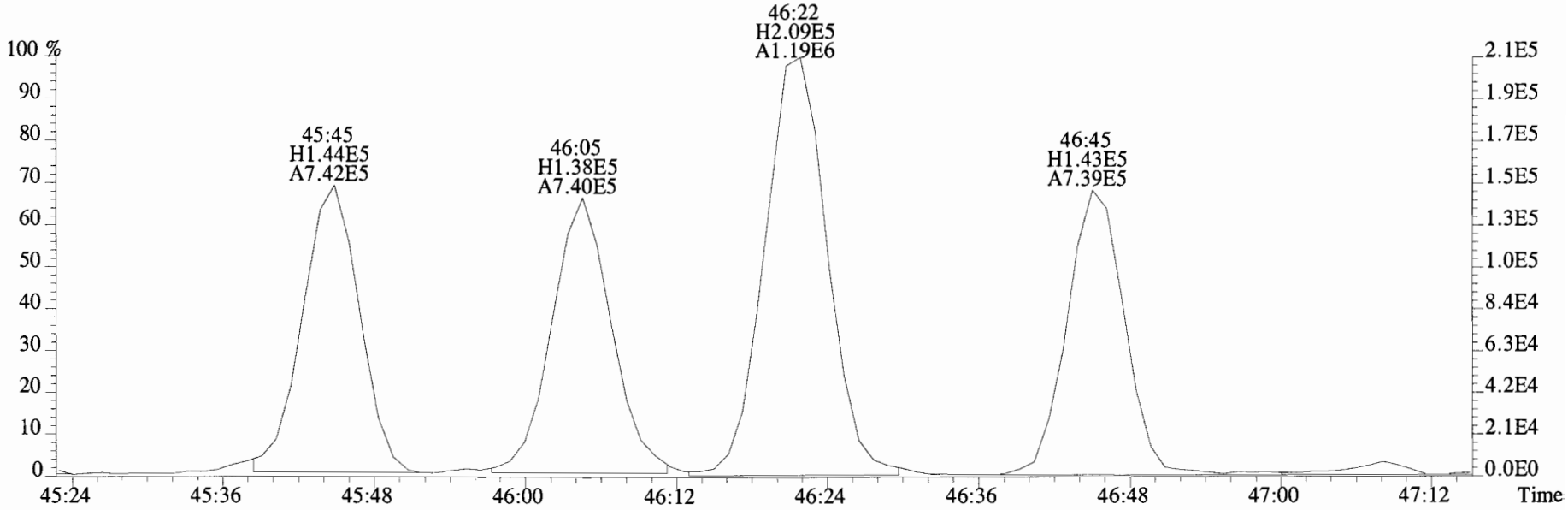
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



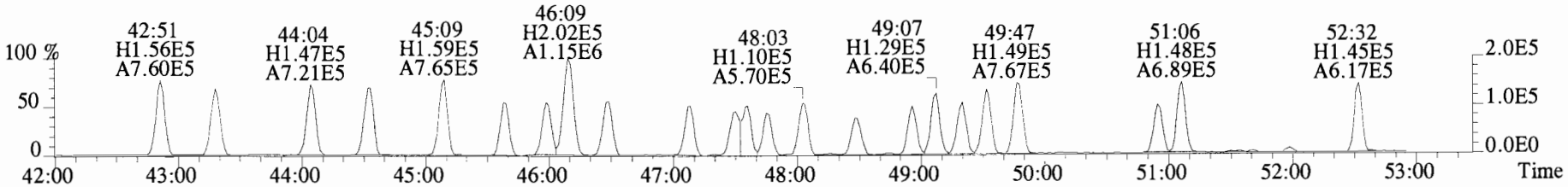
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
359.8415 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2208.0,0.00%,F,F)



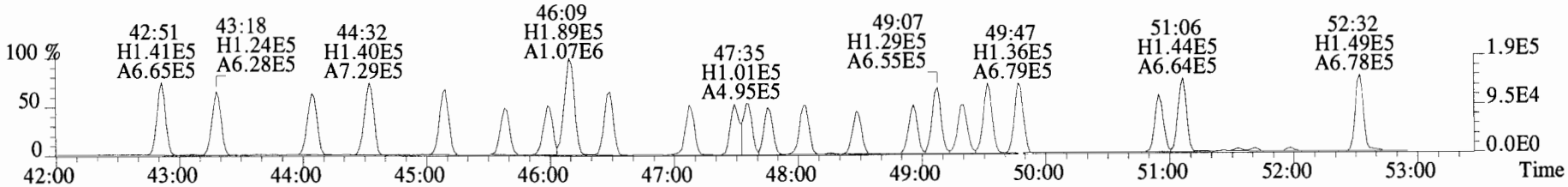
361.8385 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2192.0,0.00%,F,F)



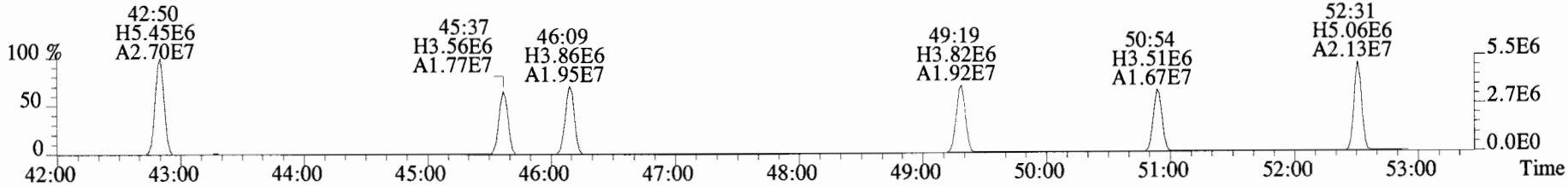
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
393.8025 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2568.0,0.00%,F,F)



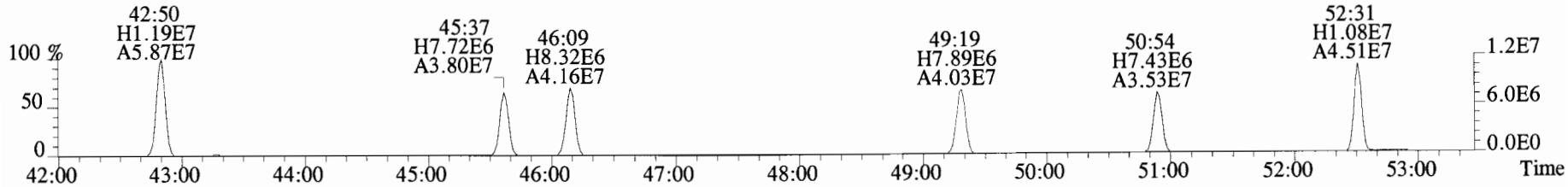
395.7995 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2304.0,0.00%,F,F)



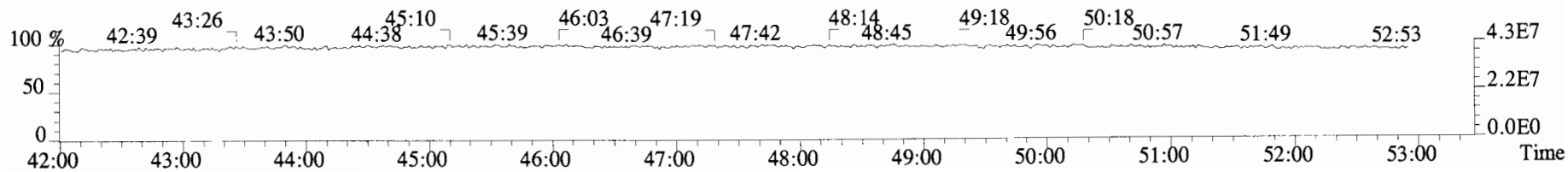
403.8457 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6620.0,0.00%,F,F)



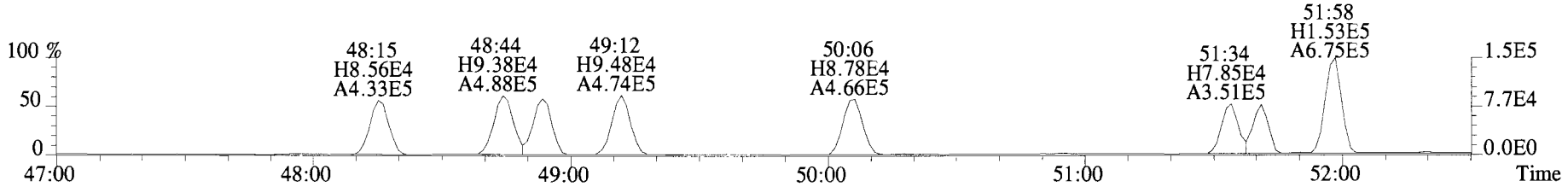
405.8428 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13248.0,0.00%,F,F)



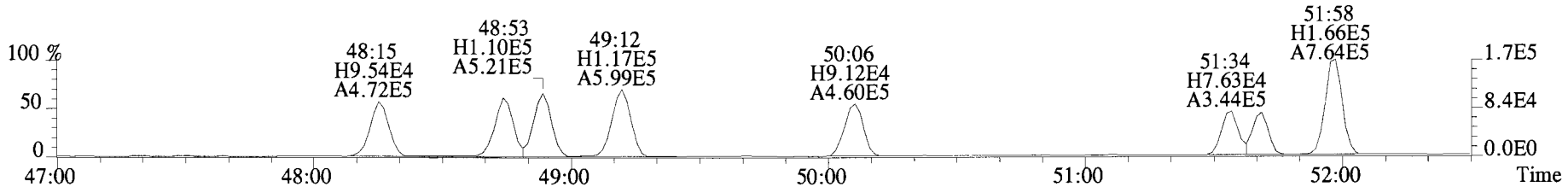
380.9760 S:2 F:4



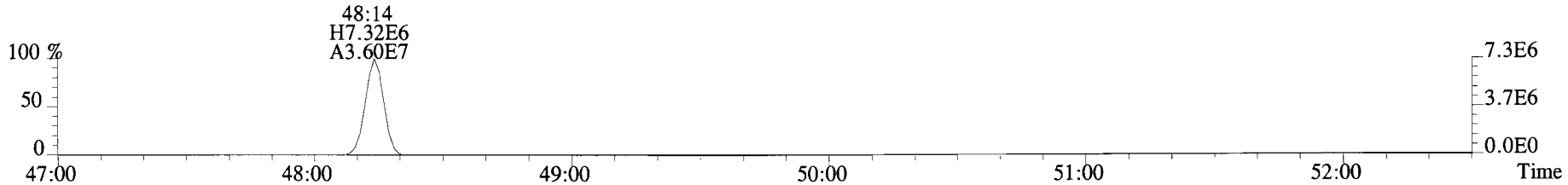
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



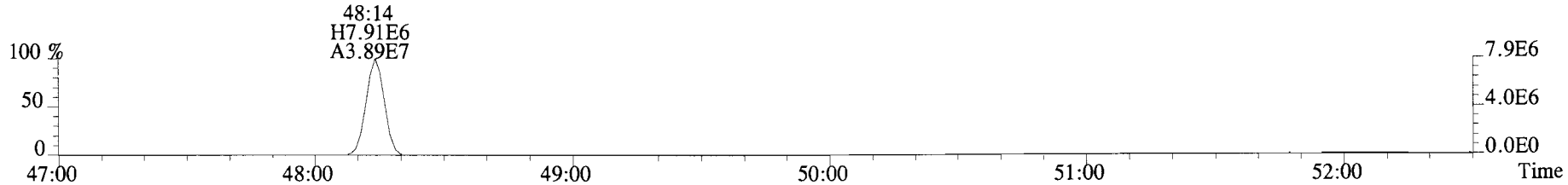
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



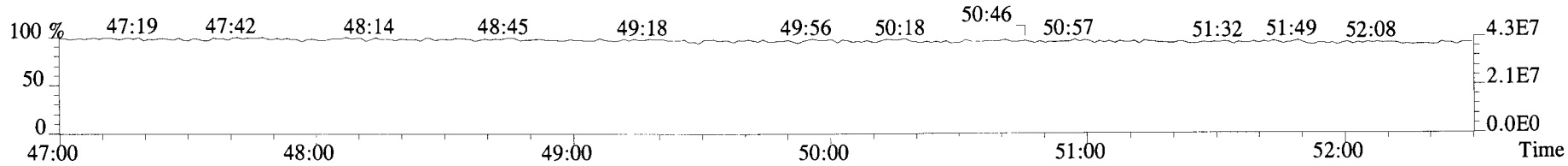
439.8038 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1980.0,0.00%,F,F)



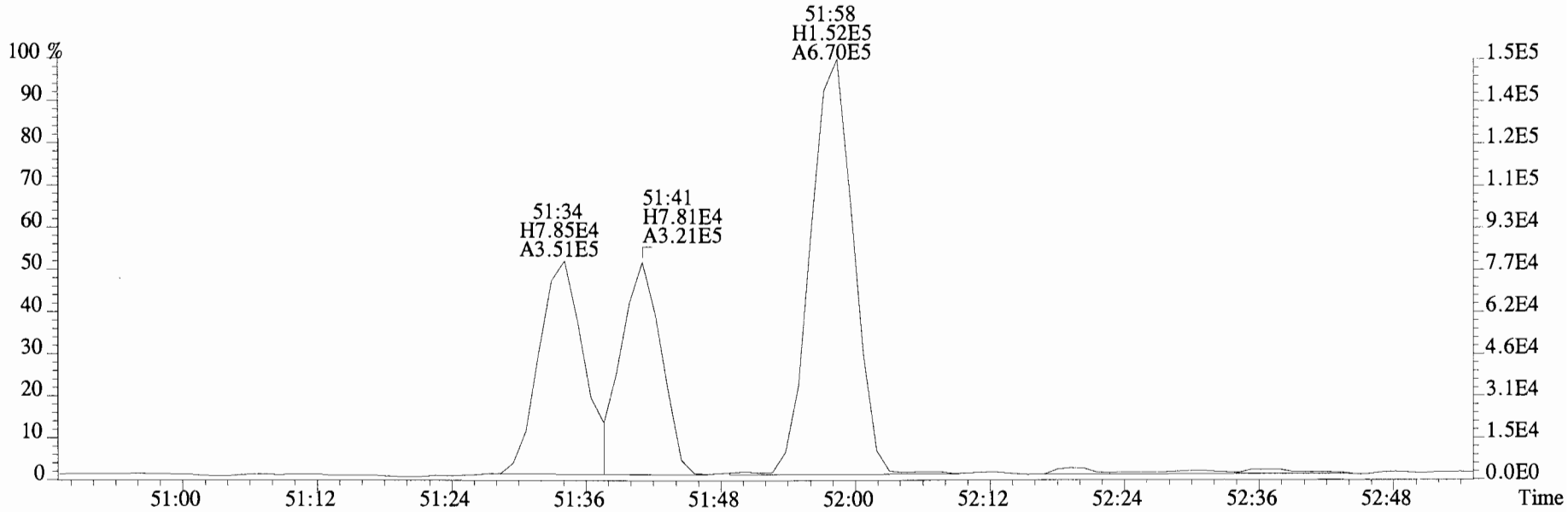
441.8008 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3836.0,0.00%,F,F)



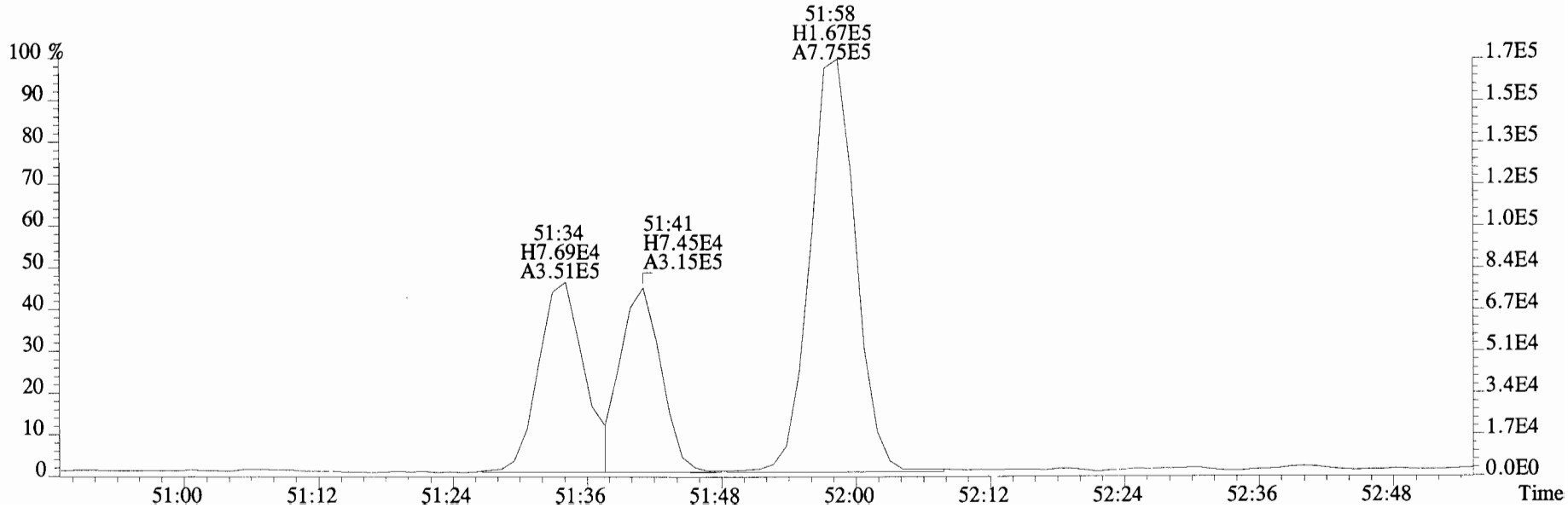
380.9760 S:2 F:4



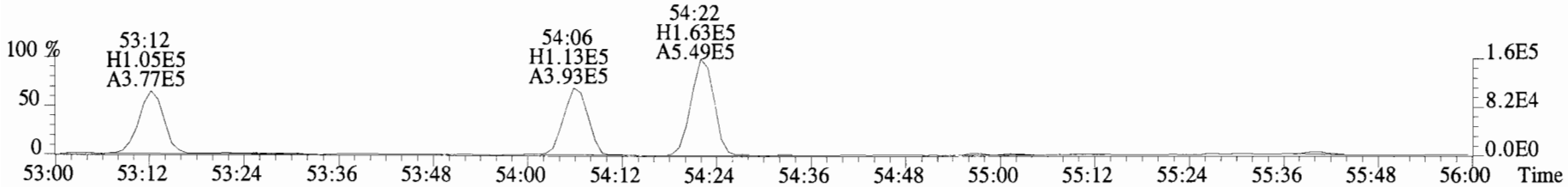
File:171027E1 #1-571 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
427.7635 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2372.0,0.00%,F,F)



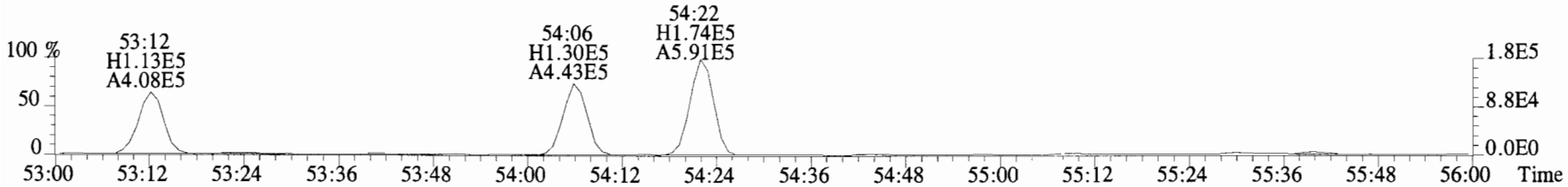
429.7606 S:2 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2672.0,0.00%,F,F)



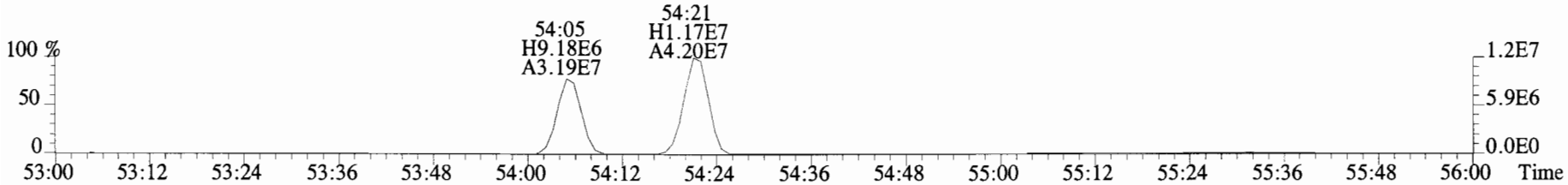
File:171027E1 #1-407 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
427.7635 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1996.0,0.00%,F,F)



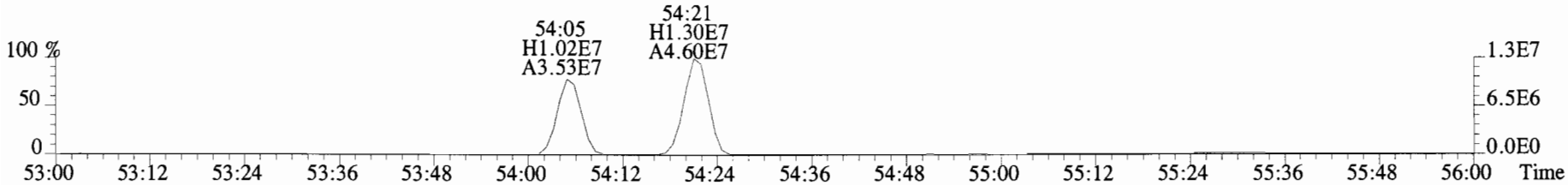
429.7606 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1900.0,0.00%,F,F)



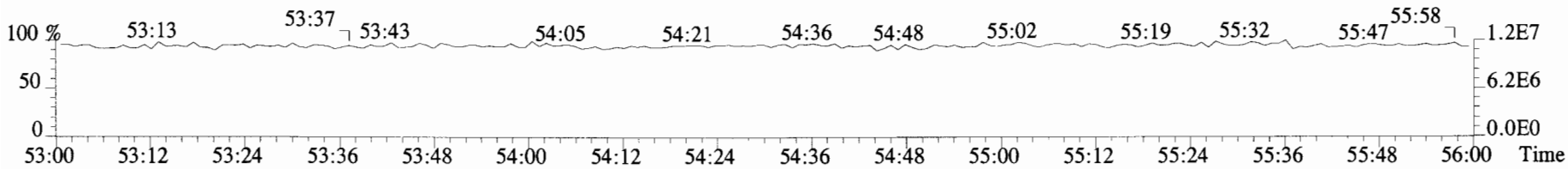
439.8038 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



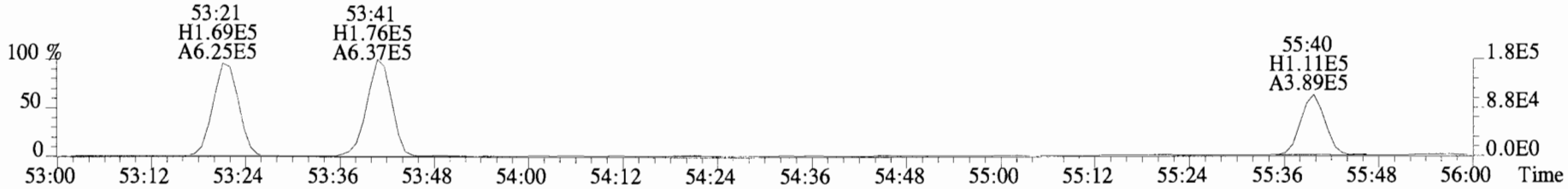
441.8008 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6616.0,0.00%,F,F)



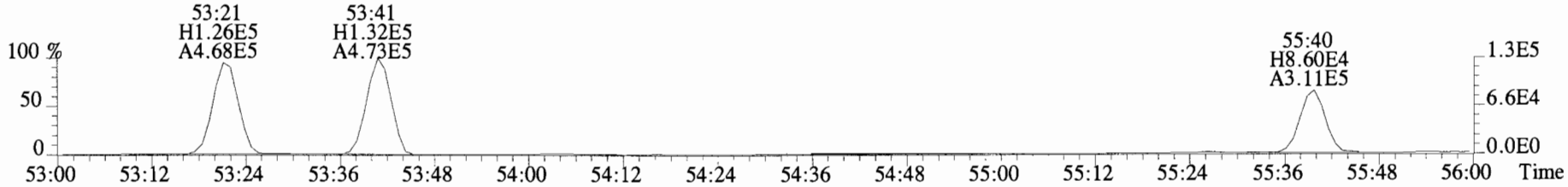
492.9697 S:2 F:5



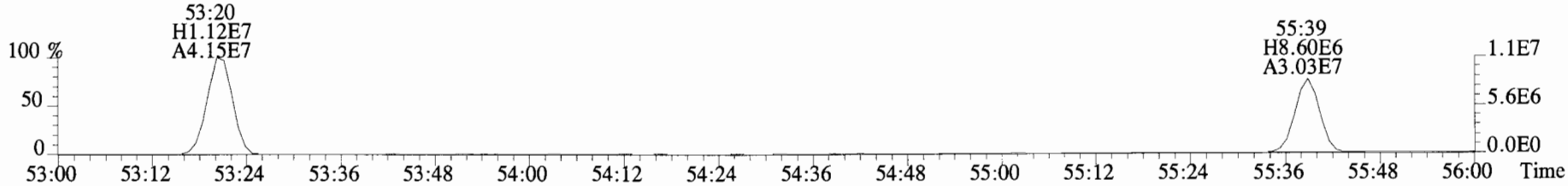
File:171027E1 #1-407 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
463.7216 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1760.0,0.00%,F,F)



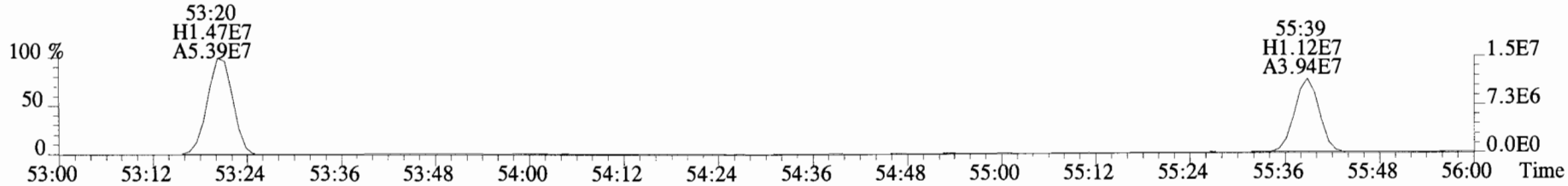
465.7186 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



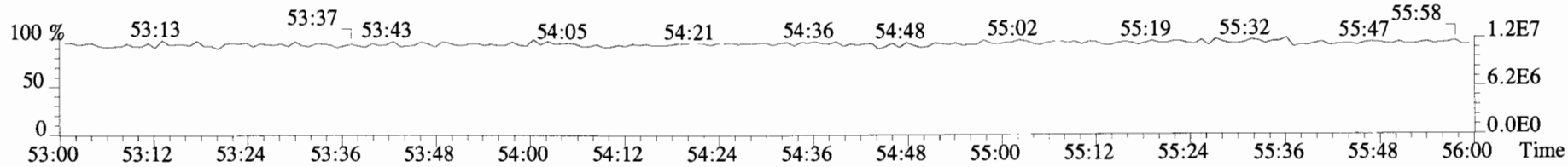
473.7648 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31348.0,0.00%,F,F)



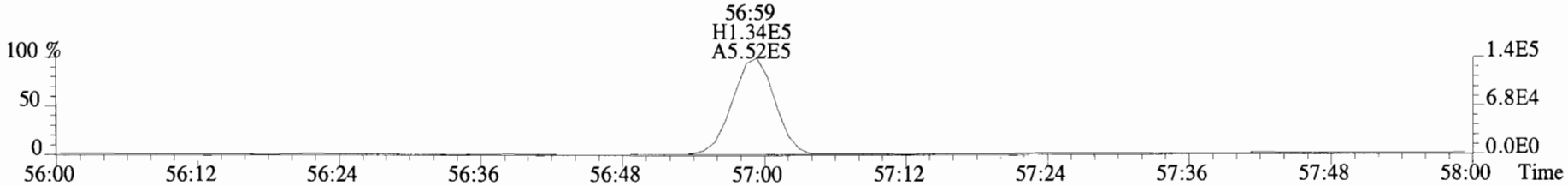
475.7619 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,49644.0,0.00%,F,F)



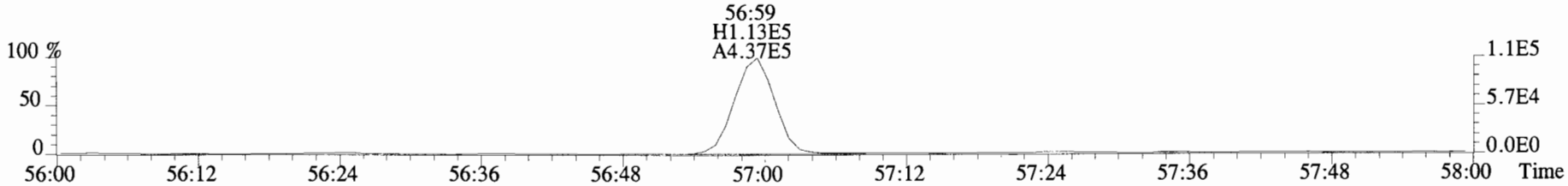
492.9697 S:2 F:5



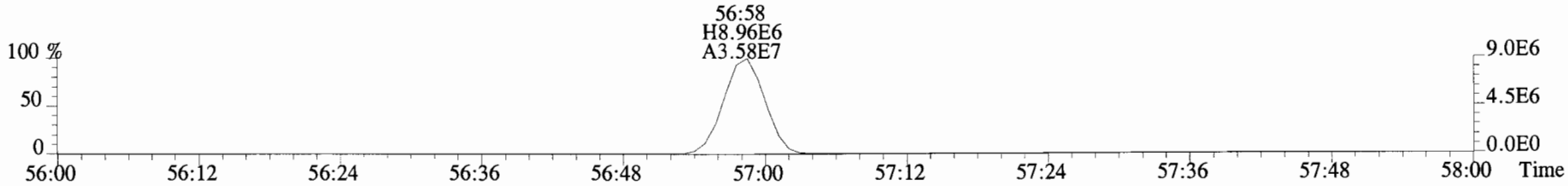
File:171027E1 #1-407 Acq:27-OCT-2017 11:32:43 GC EI+ Voltage SIR Autospec-UltimaE
Sample#2 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-2 PCB CS1 17C0309 Exp:PCB_ZB1
497.6826 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1524.0,0.00%,F,F)



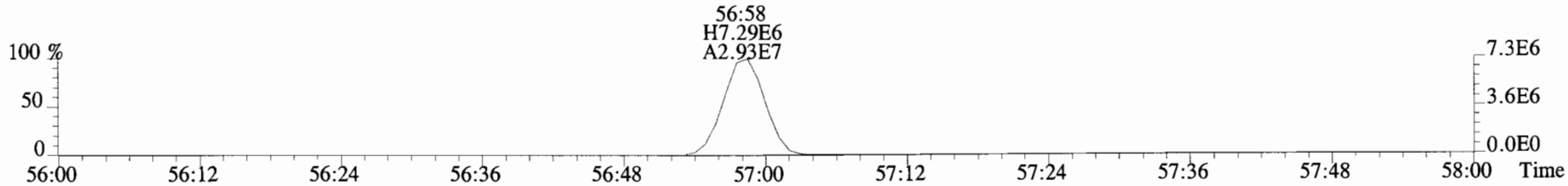
499.6797 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



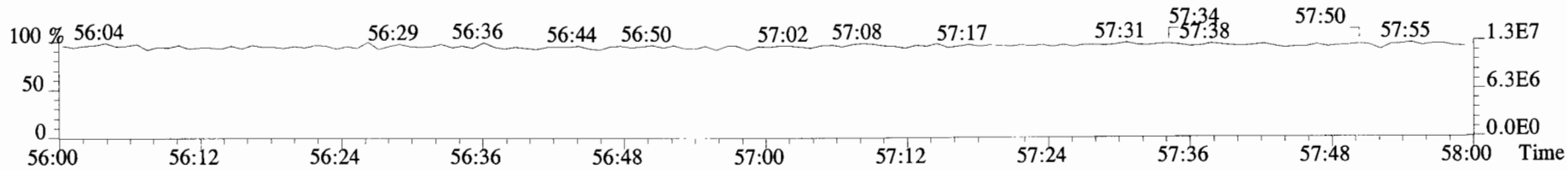
509.7229 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1644.0,0.00%,F,F)



511.7199 S:2 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1876.0,0.00%,F,F)

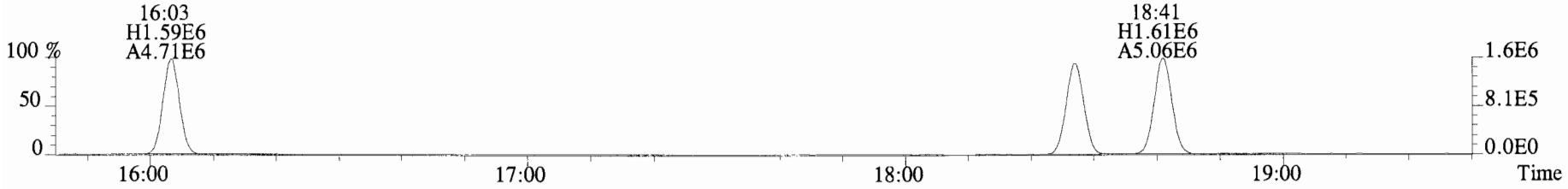


492.9697 S:2 F:5

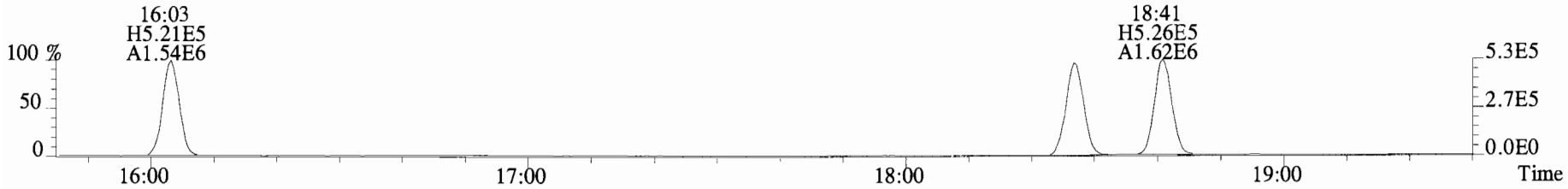


File:171027E1 #1-866 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1

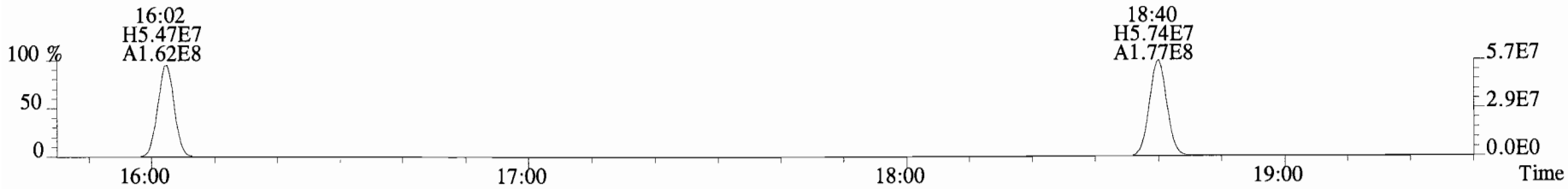
188.0393 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8332.0,0.00%,F,F)



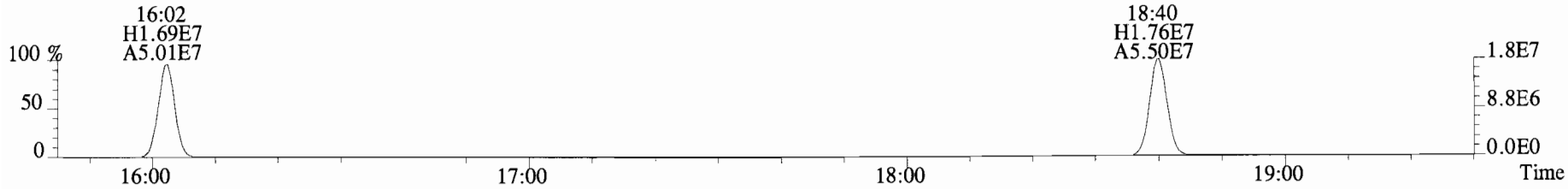
190.0363 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5964.0,0.00%,F,F)



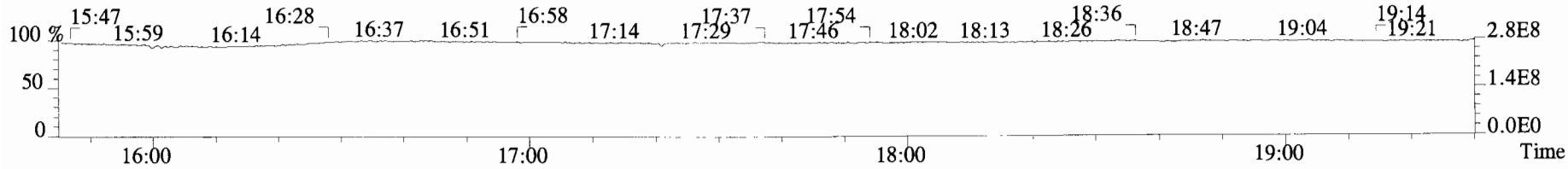
200.0795 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5840.0,0.00%,F,F)



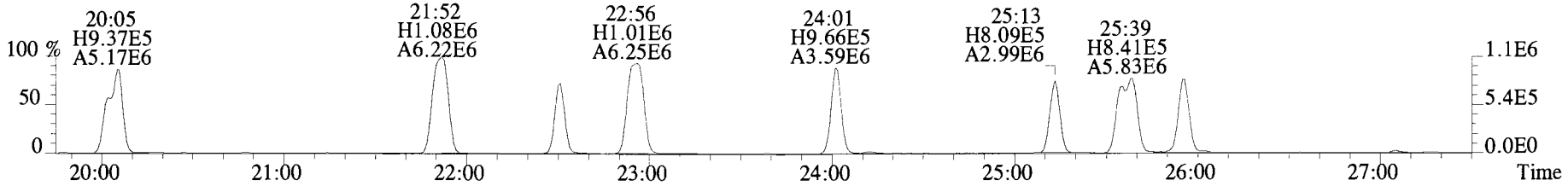
202.0766 S:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13472.0,0.00%,F,F)



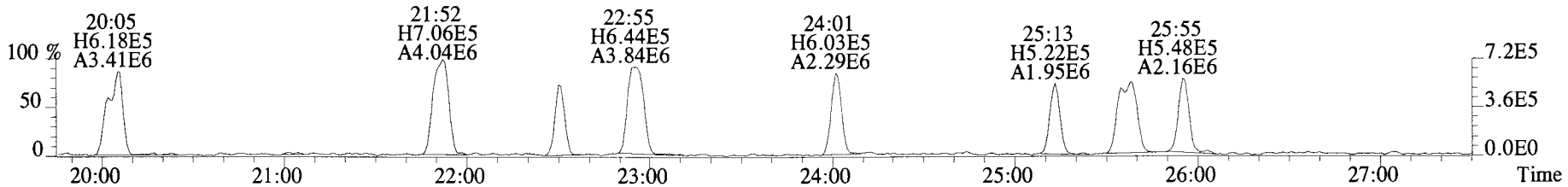
180.9880 S:3



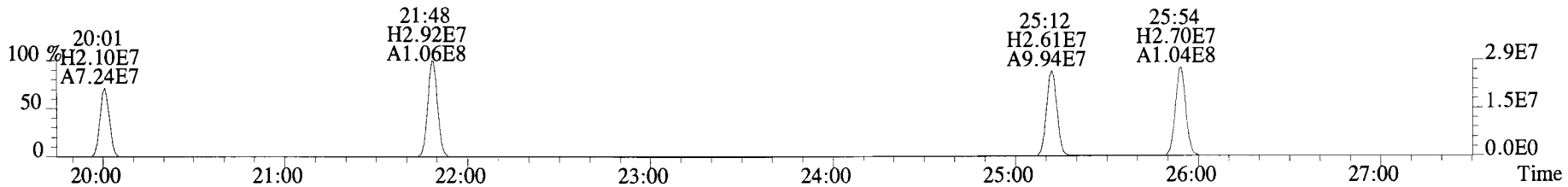
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



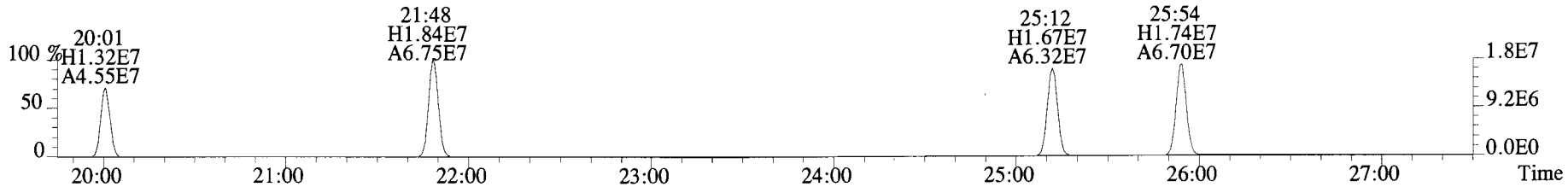
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20228.0,0.00%,F,F)



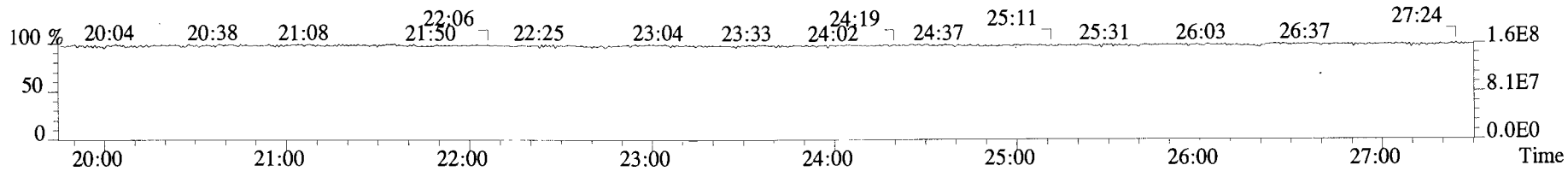
234.0406 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5360.0,0.00%,F,F)



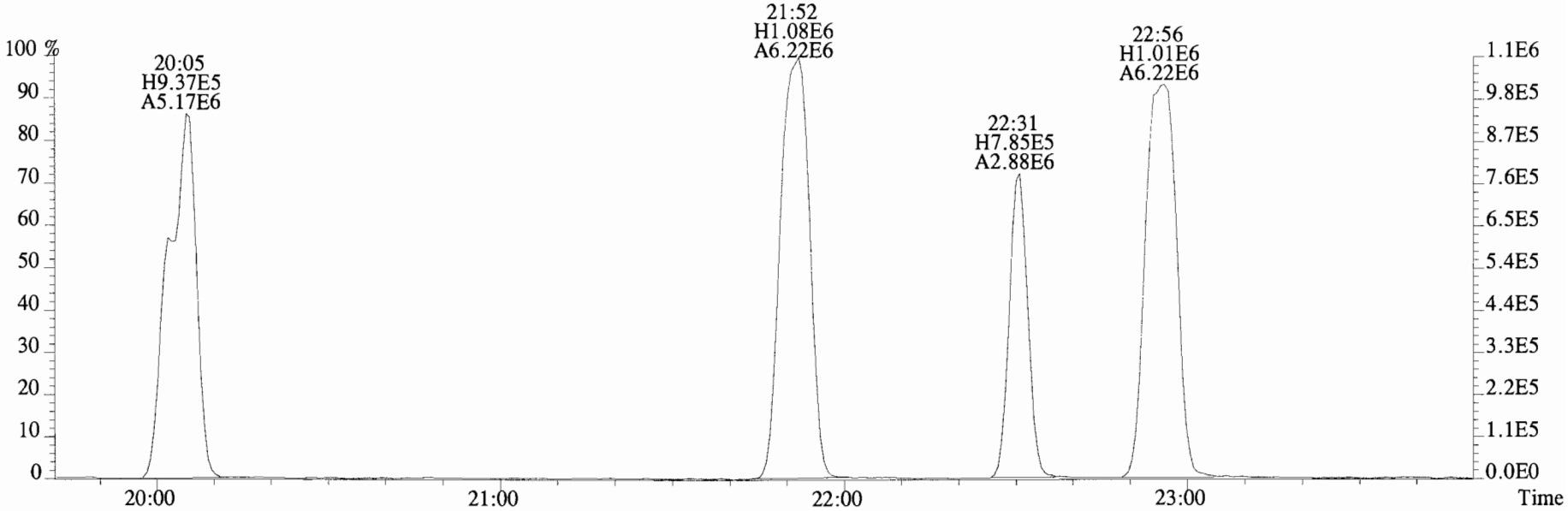
236.0376 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



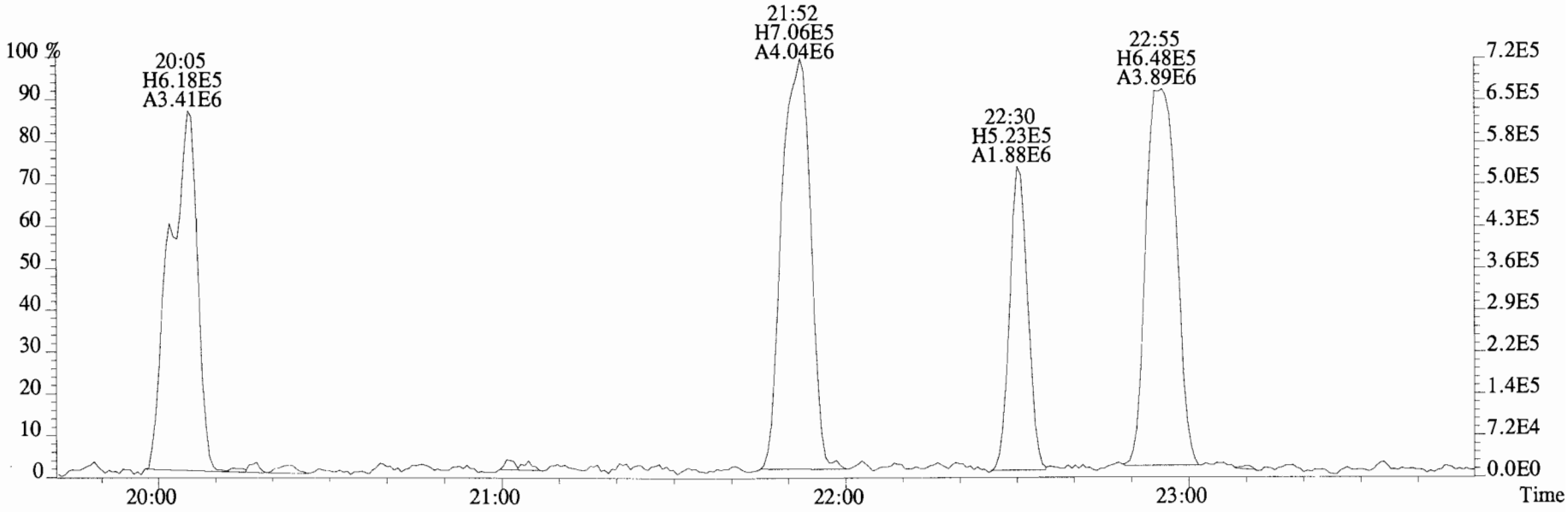
230.9856 S:3 F:2



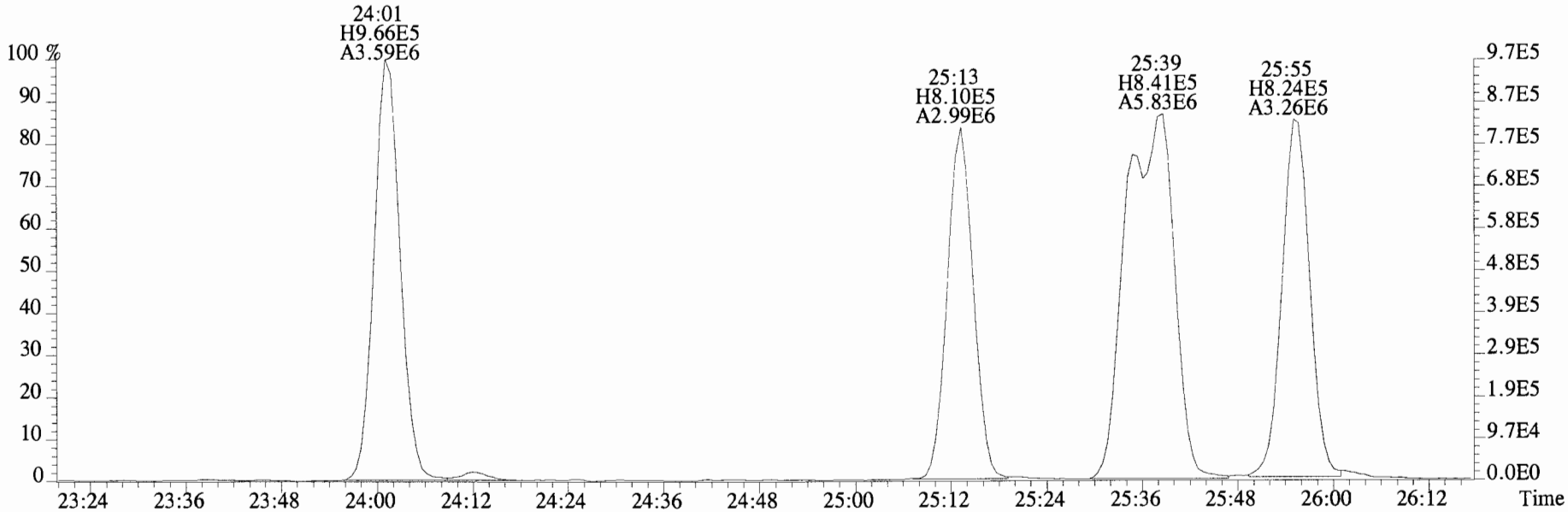
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



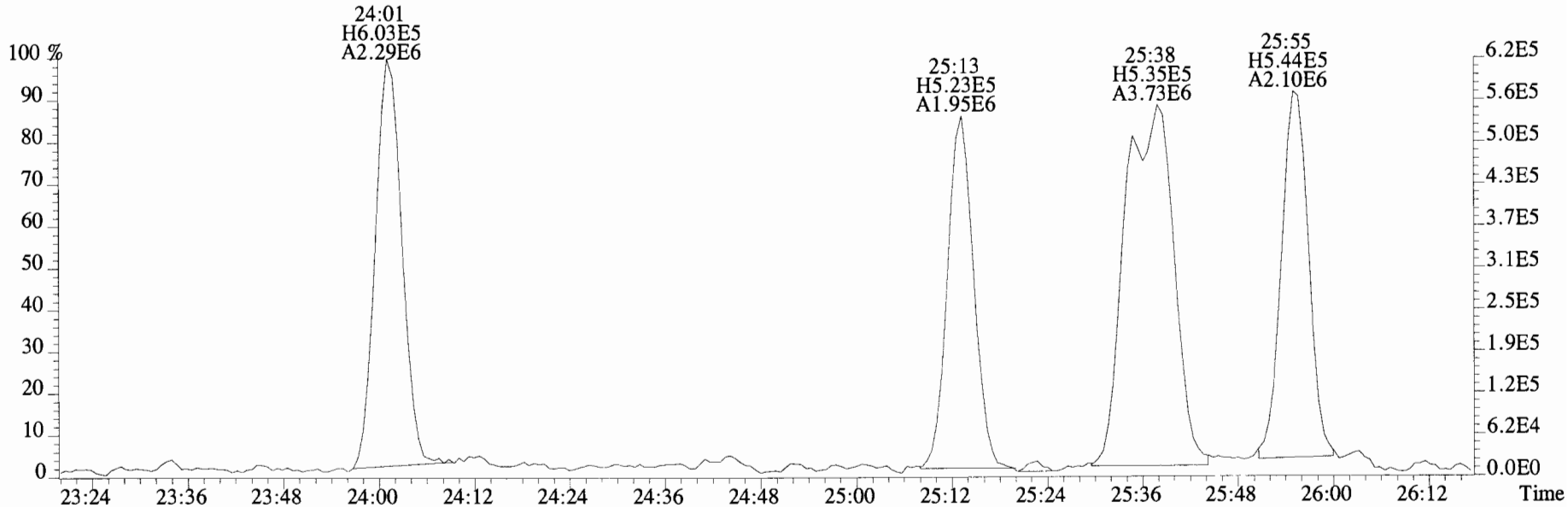
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20228.0,0.00%,F,F)



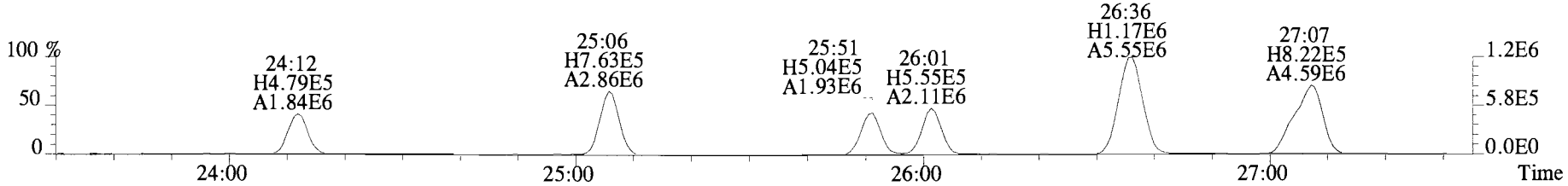
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
222.0003 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3220.0,0.00%,F,F)



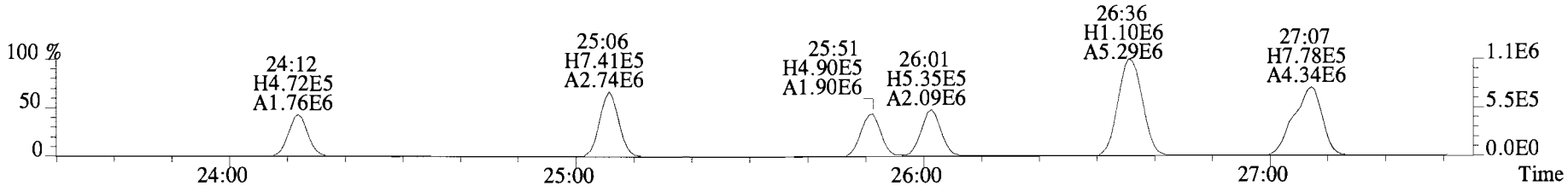
223.9974 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20228.0,0.00%,F,F)



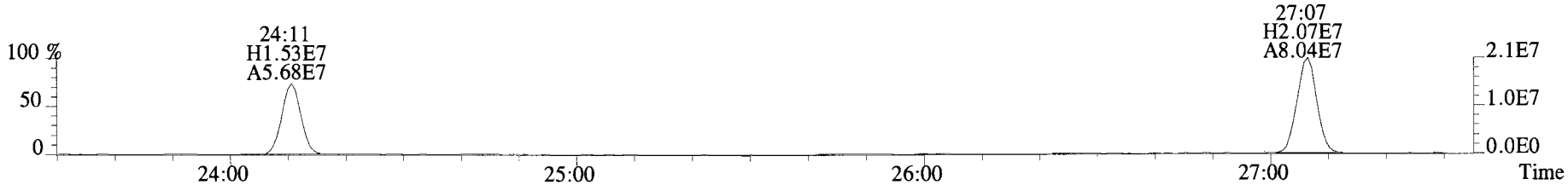
File:171027E1 #1-758 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
255.9613 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3956.0,0.00%,F,F)



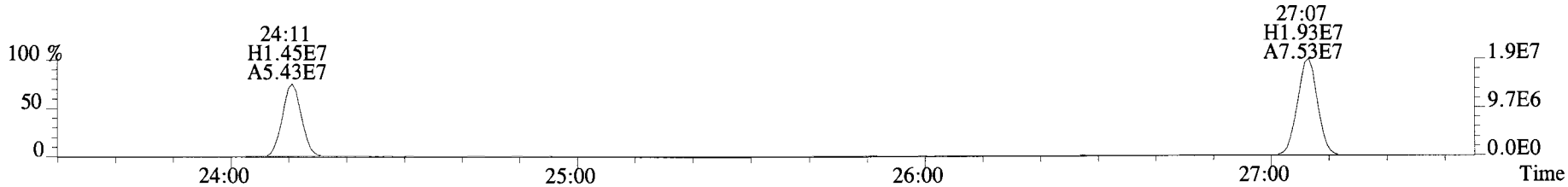
257.9584 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2428.0,0.00%,F,F)



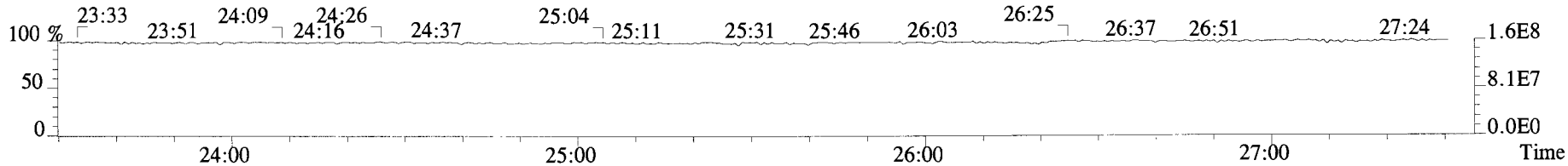
268.0016 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,77808.0,0.00%,F,F)



269.9986 S:3 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,56296.0,0.00%,F,F)

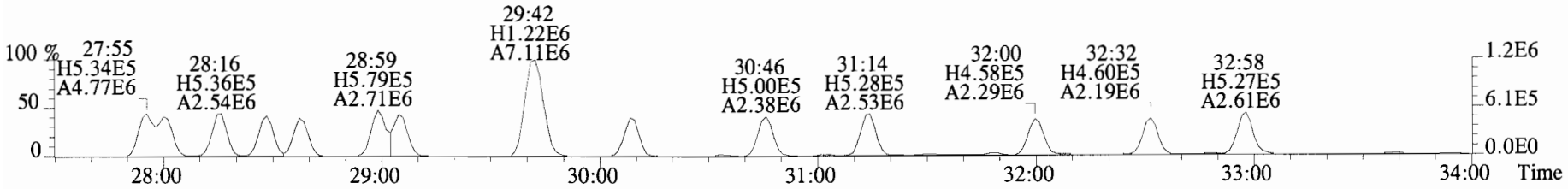


230.9856 S:3 F:2

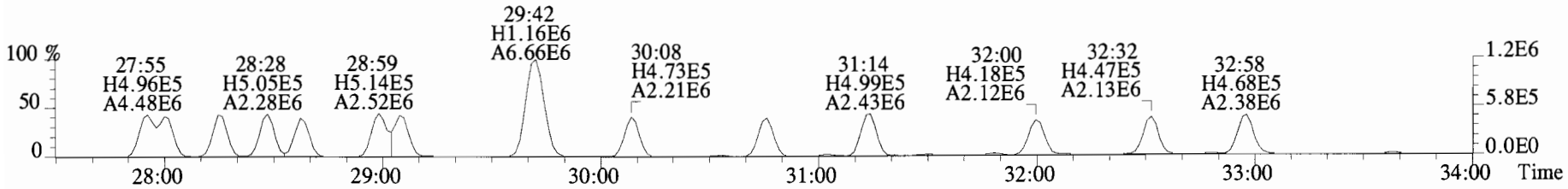


File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1

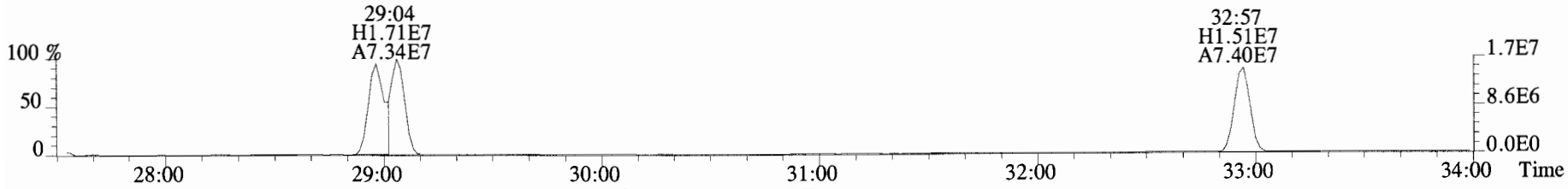
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3848.0,0.00%,F,F)



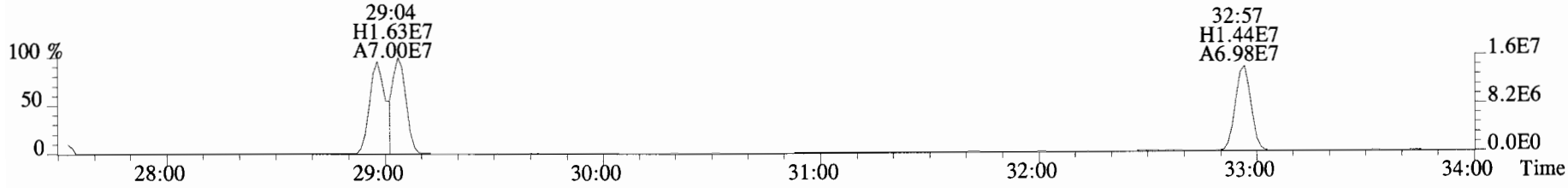
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



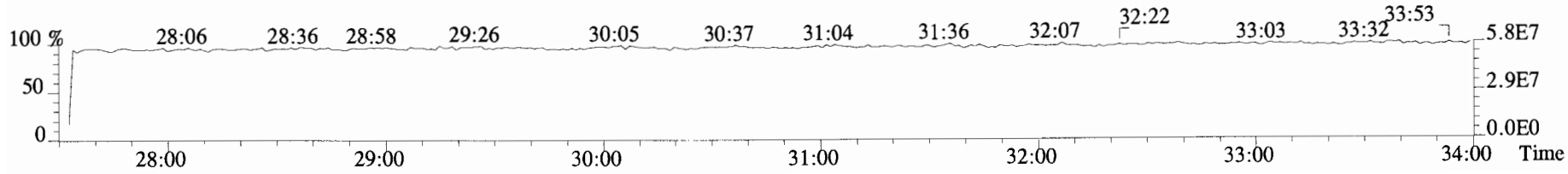
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99012.0,0.00%,F,F)



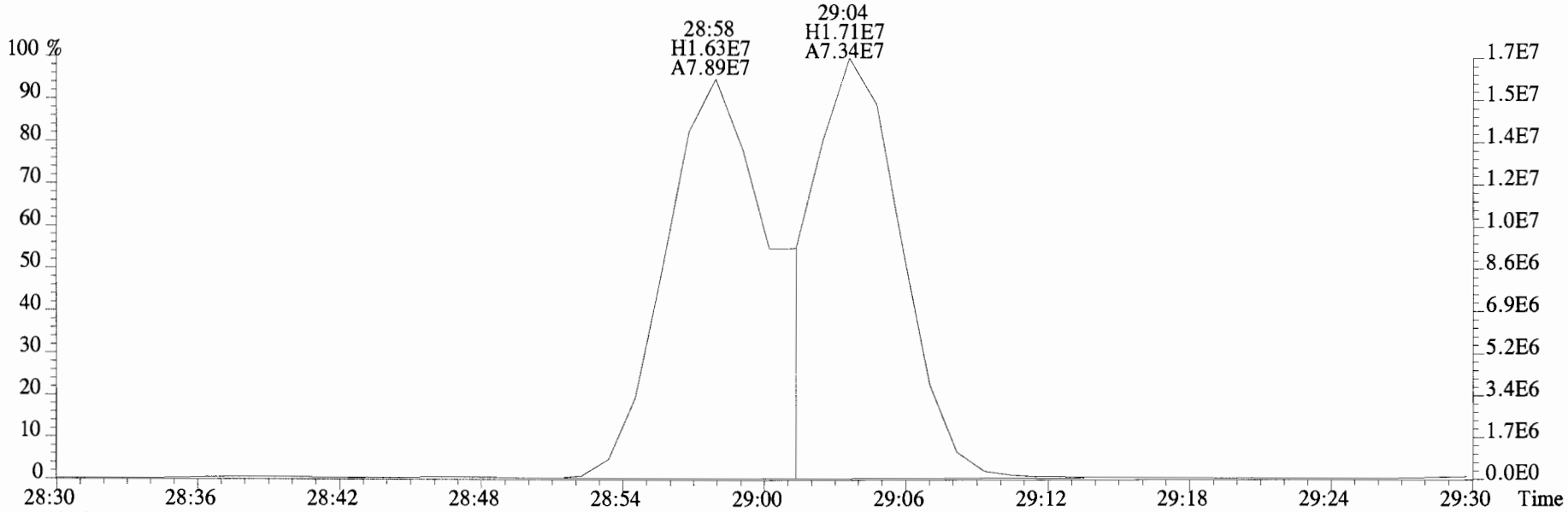
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46560.0,0.00%,F,F)



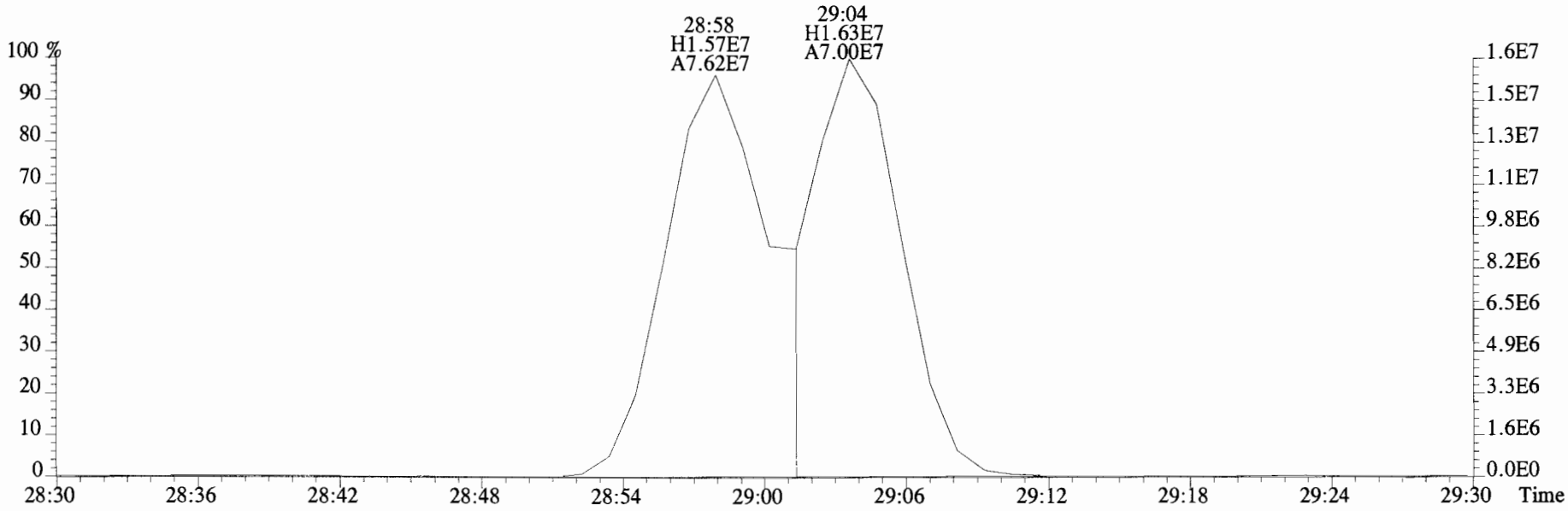
330.9792 S:3 F:3



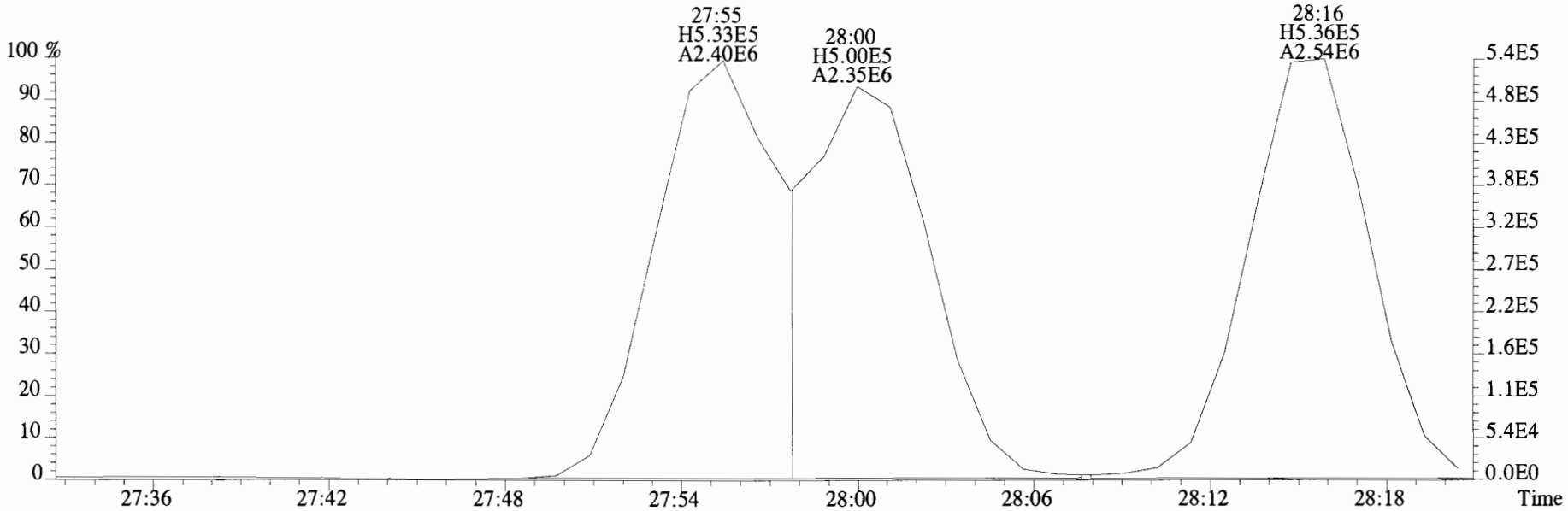
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
268.0016 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99012.0,0.00%,F,F)



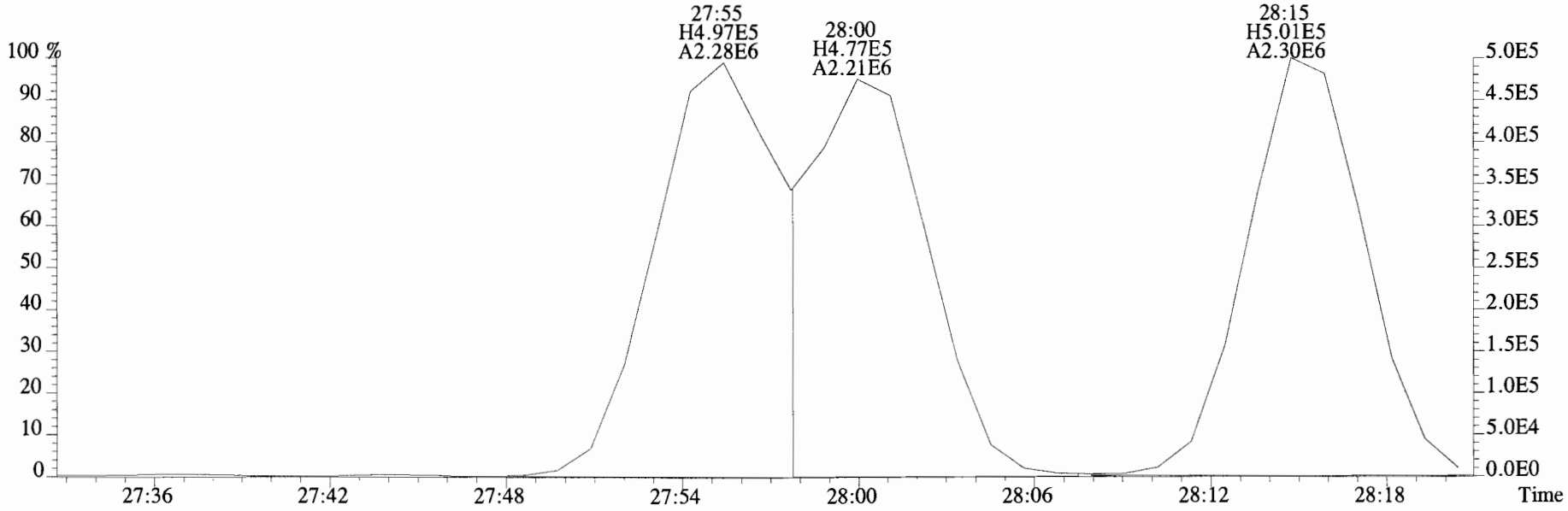
269.9986 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46560.0,0.00%,F,F)



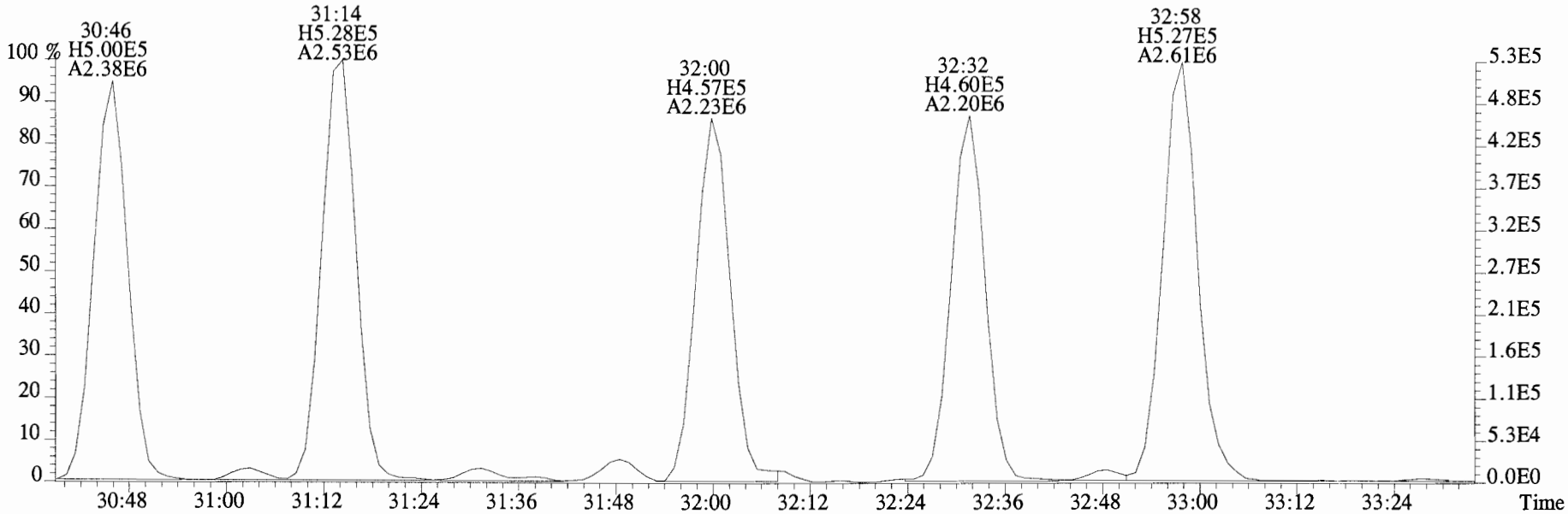
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3848.0,0.00%,F,F)



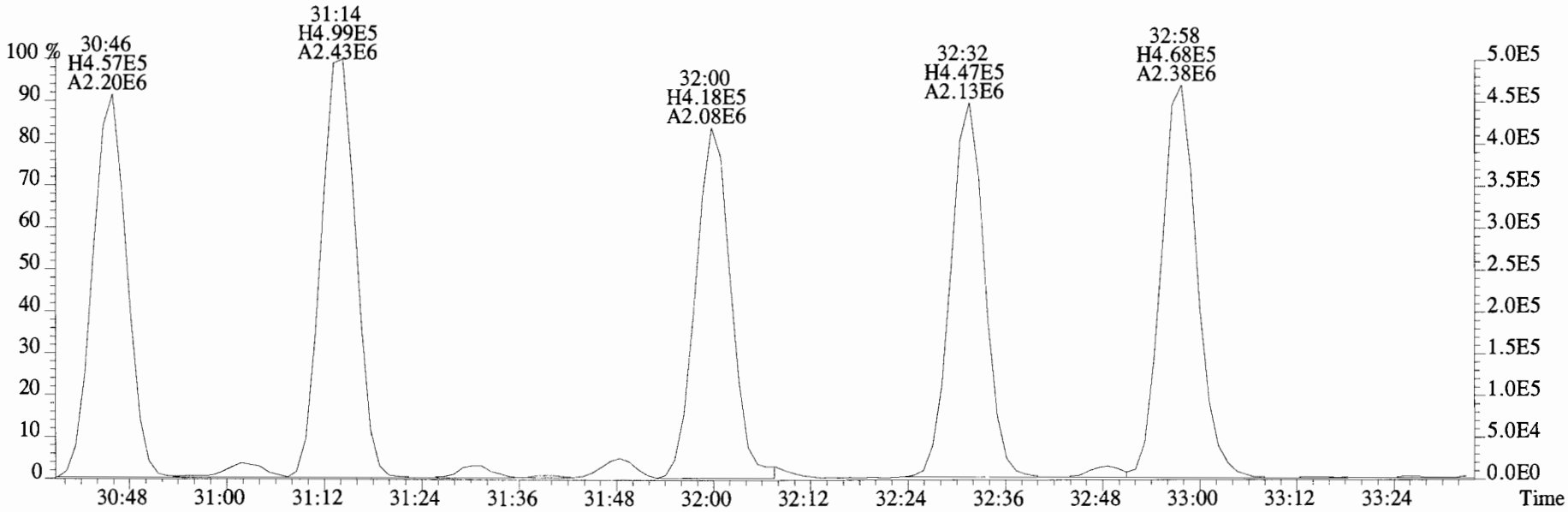
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



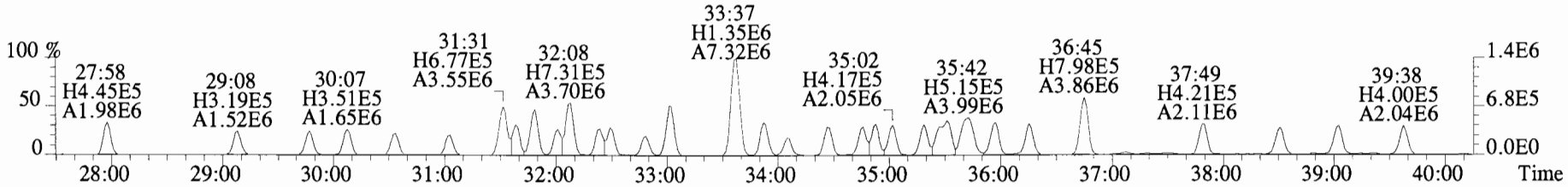
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
255.9613 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3848.0,0.00%,F,F)



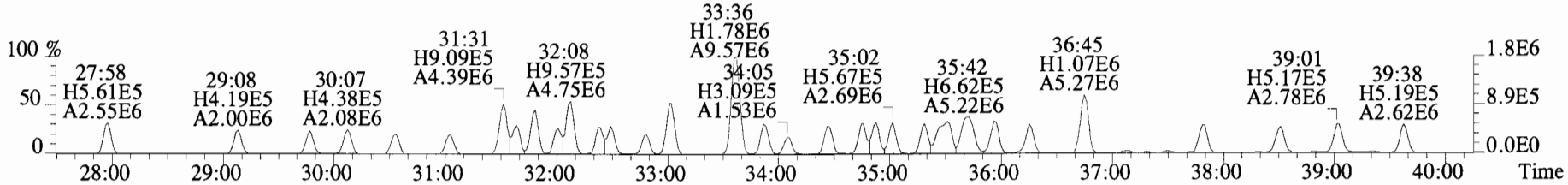
257.9584 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3308.0,0.00%,F,F)



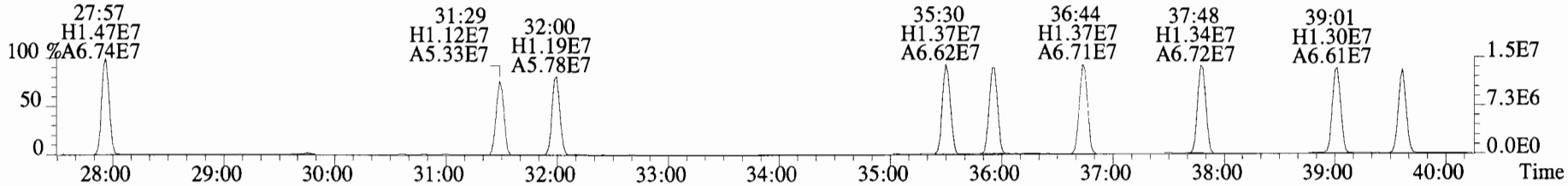
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



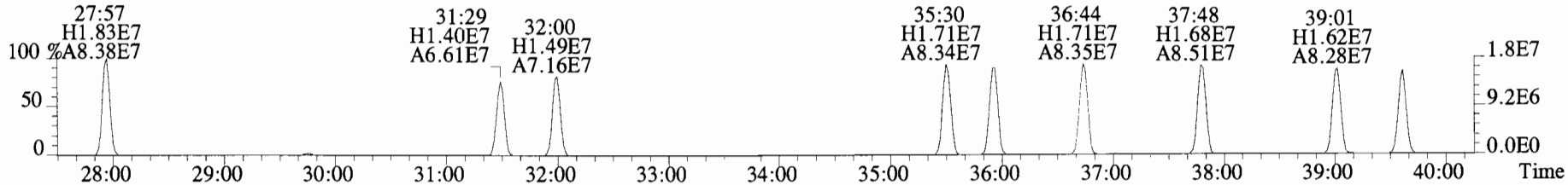
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



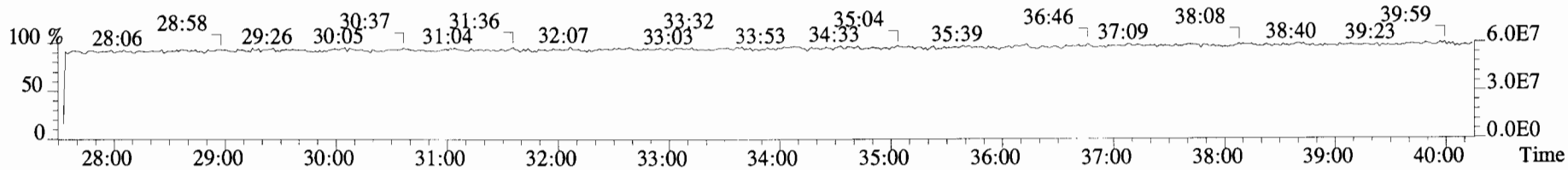
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



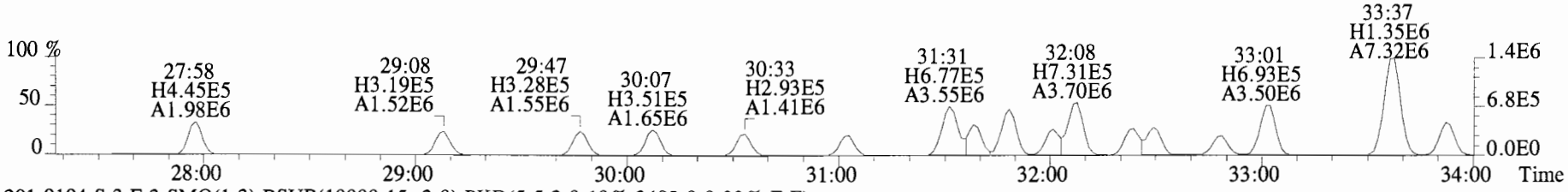
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



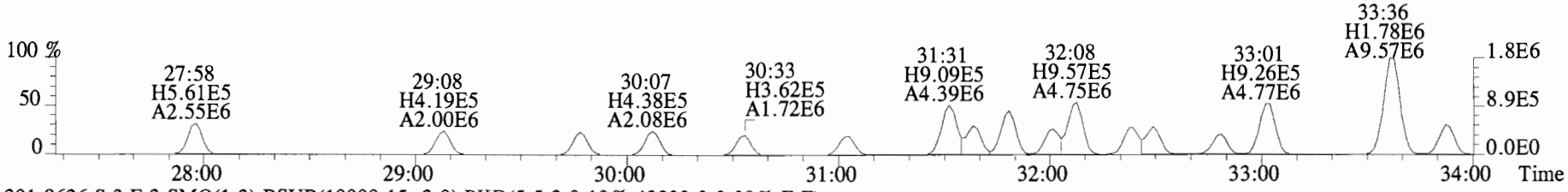
330.9792 S:3 F:3



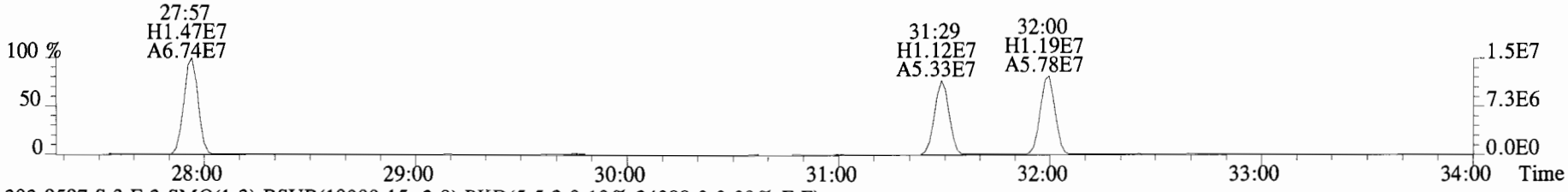
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



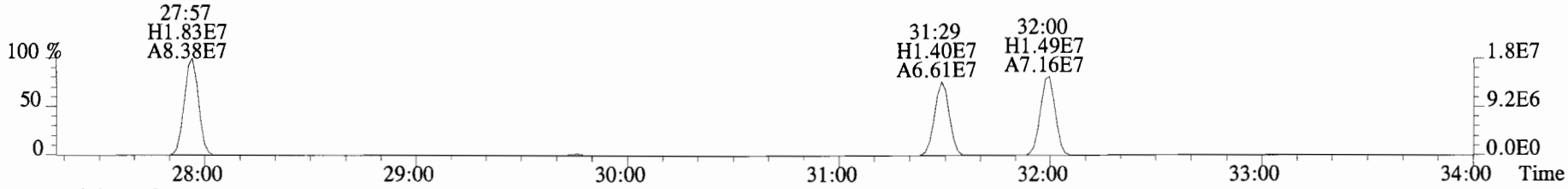
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



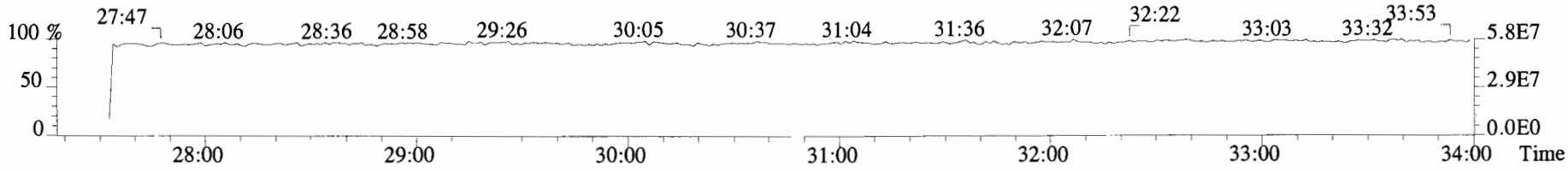
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



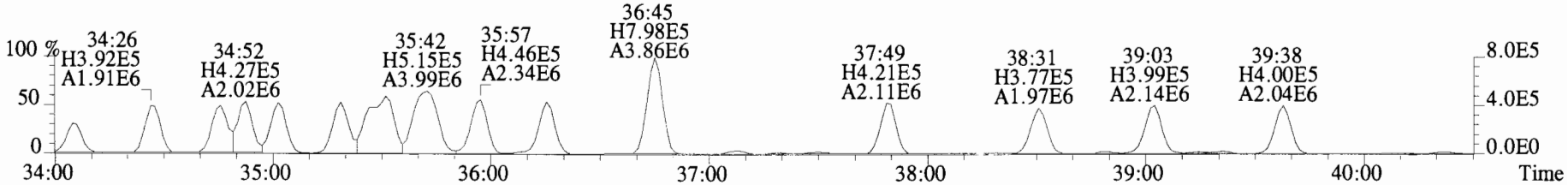
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



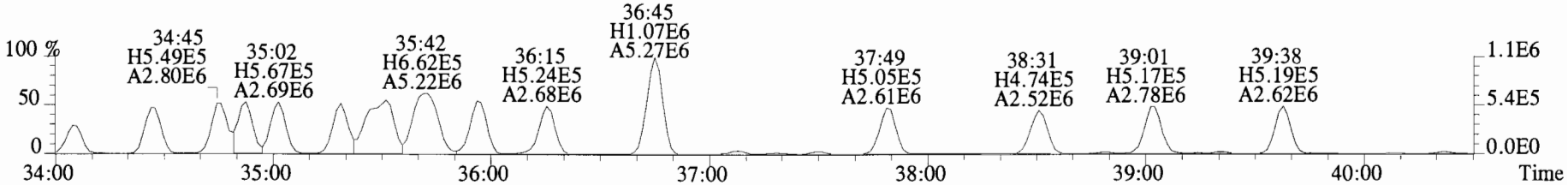
330.9792 S:3 F:3



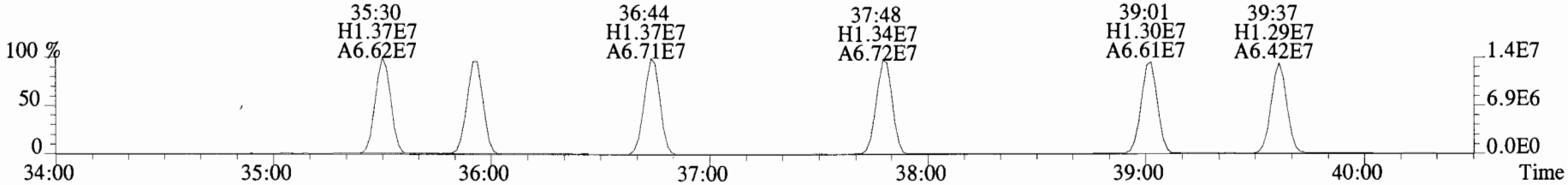
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



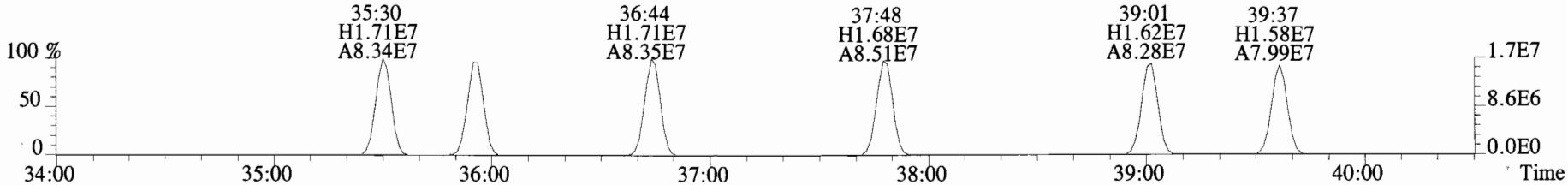
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



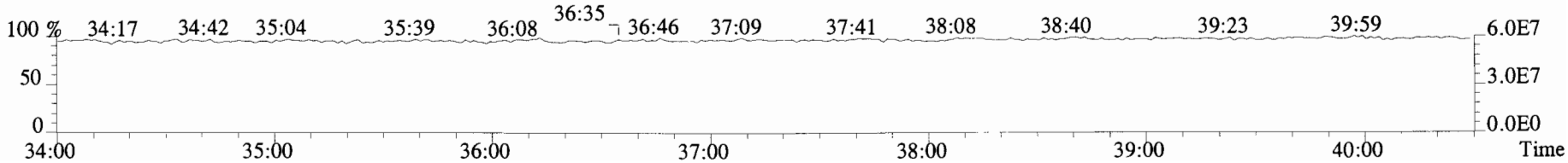
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



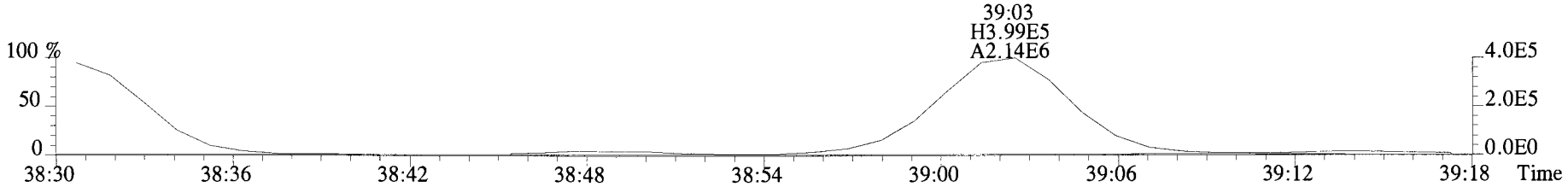
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



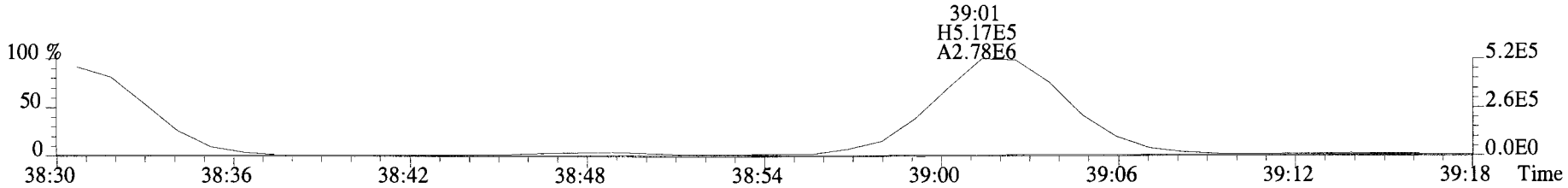
330.9792 S:3 F:3



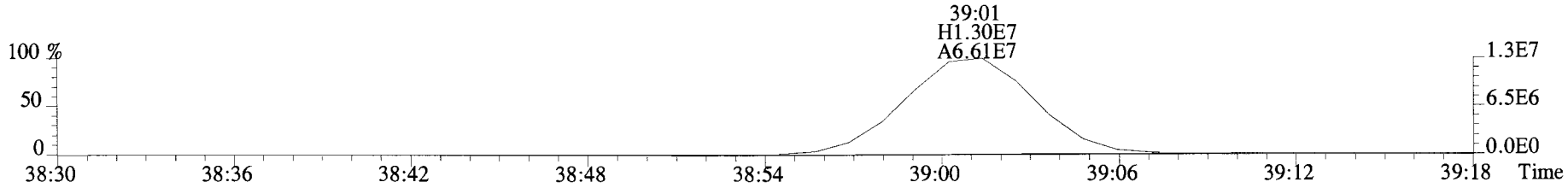
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
289.9224 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3564.0,0.00%,F,F)



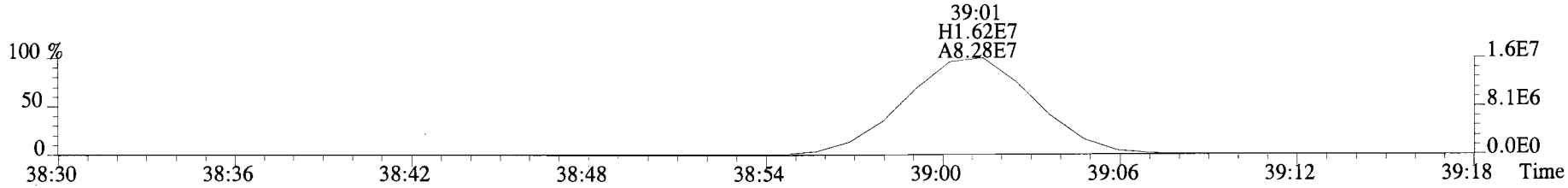
291.9194 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3488.0,0.00%,F,F)



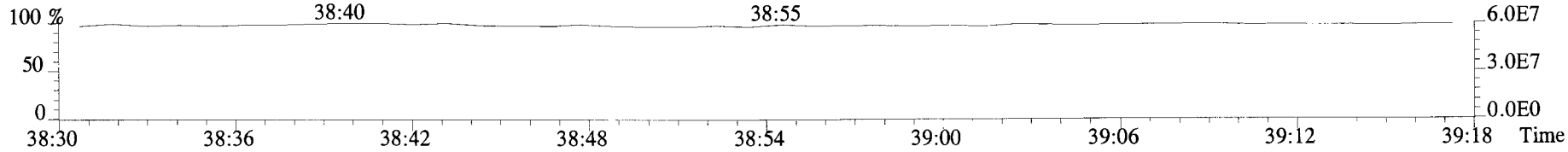
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



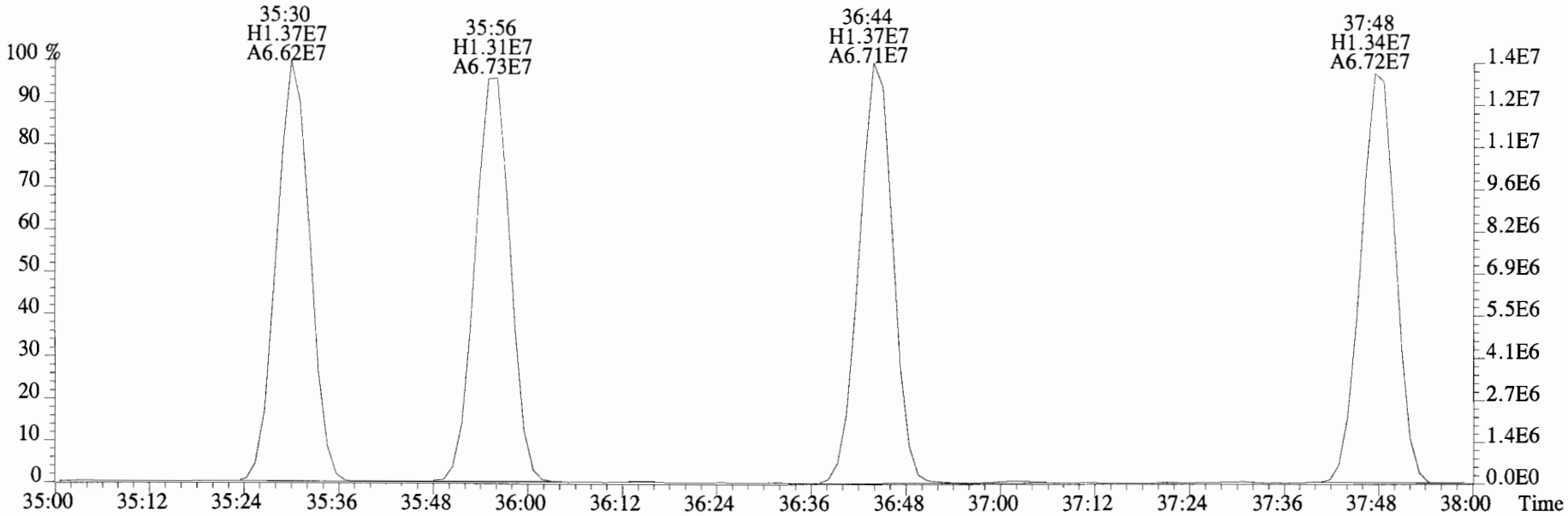
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



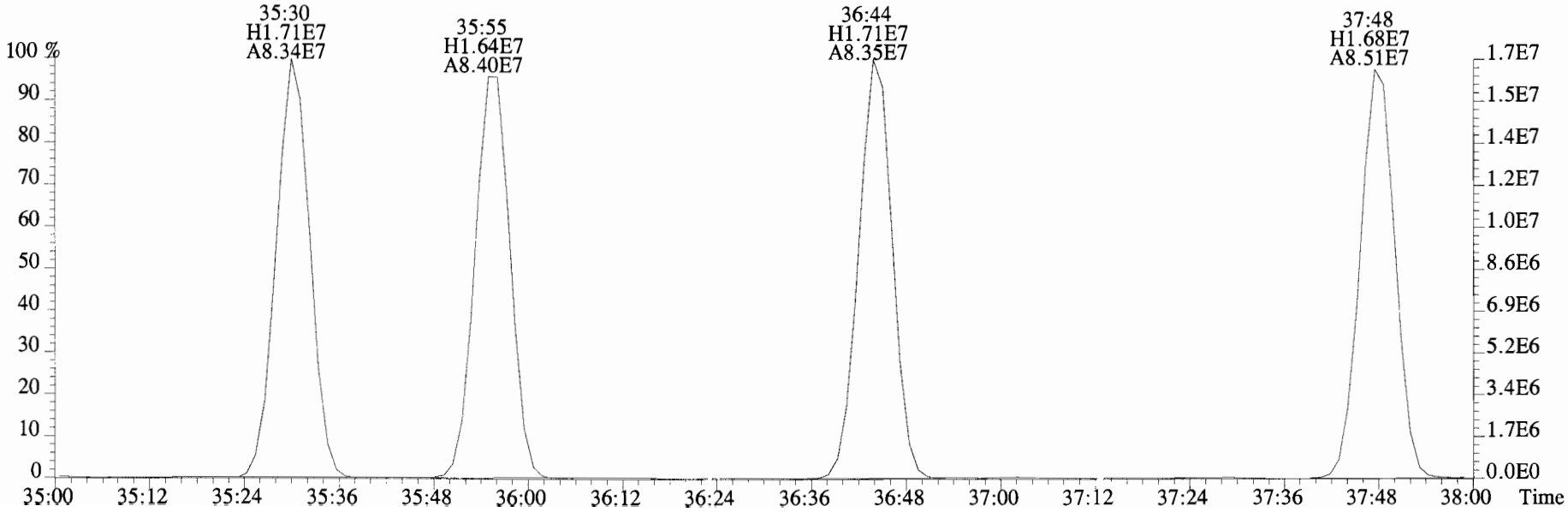
330.9792 S:3 F:3



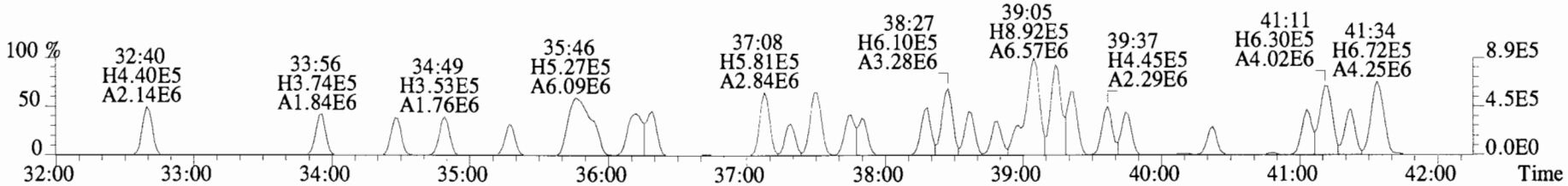
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
301.9626 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43900.0,0.00%,F,F)



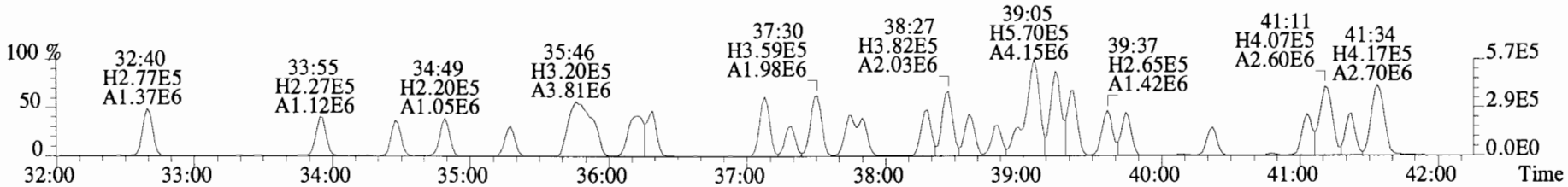
303.9597 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24088.0,0.00%,F,F)



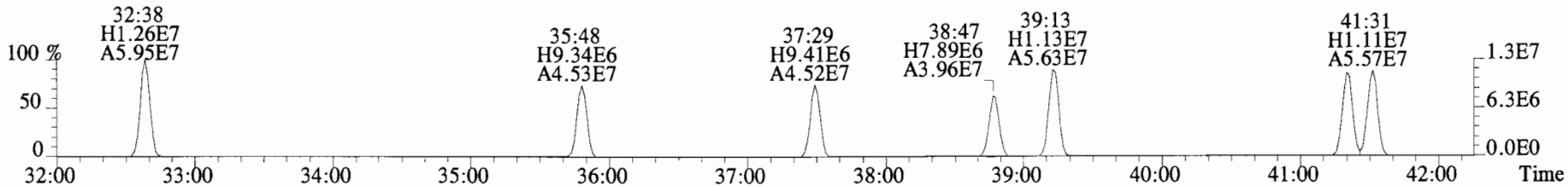
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



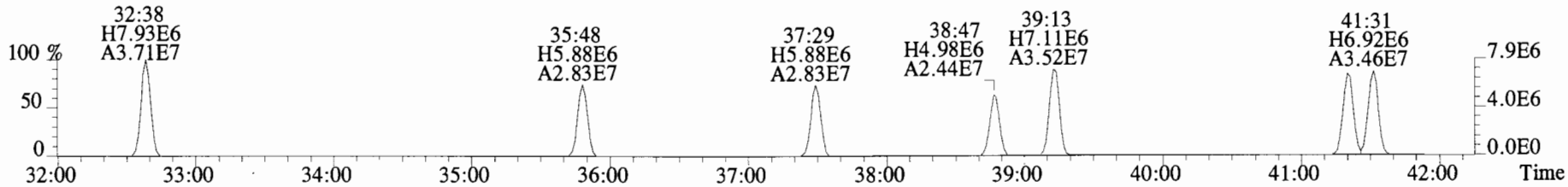
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



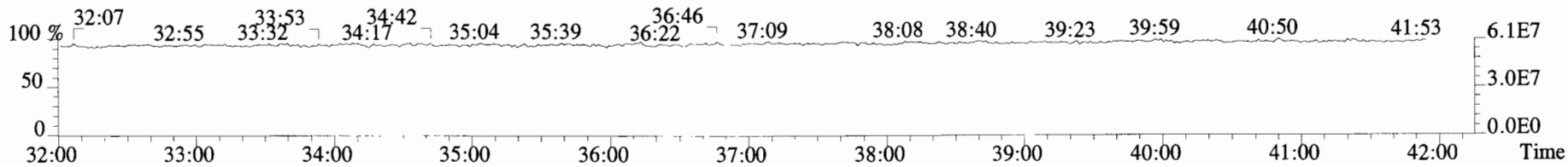
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



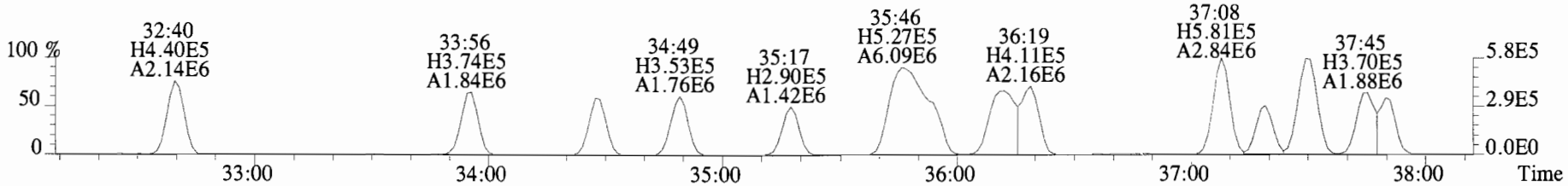
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



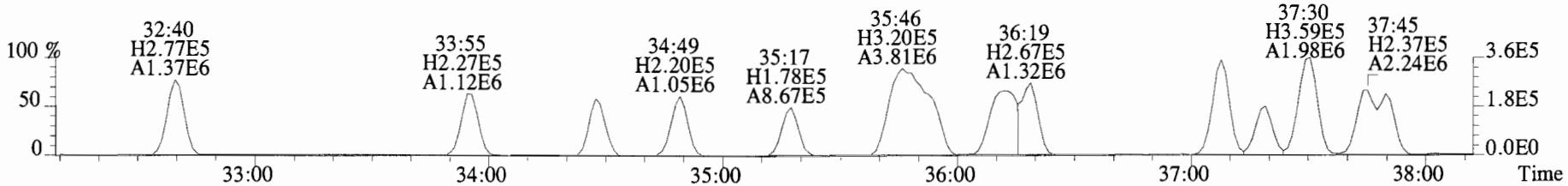
330.9792 S:3 F:3



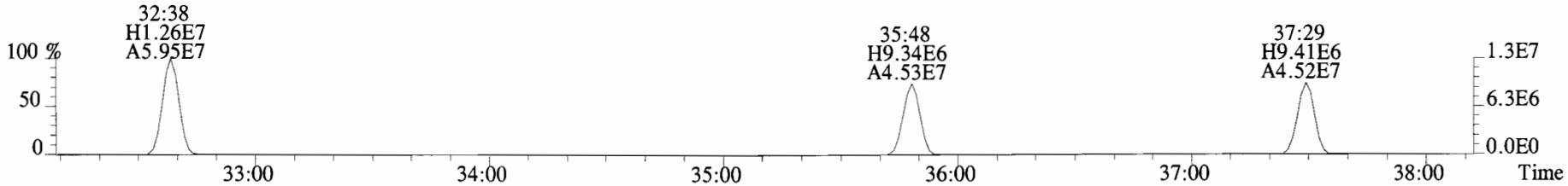
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



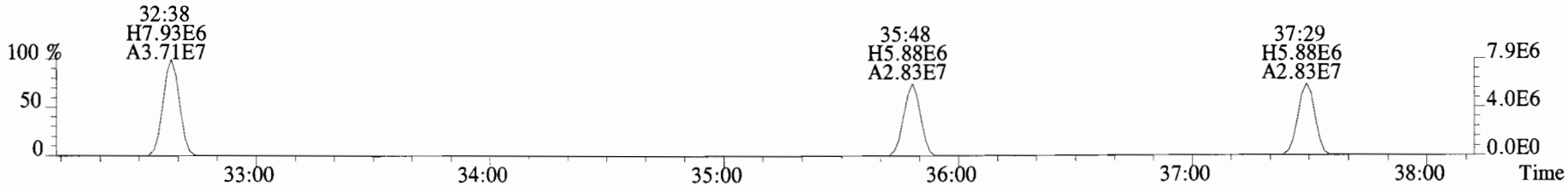
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



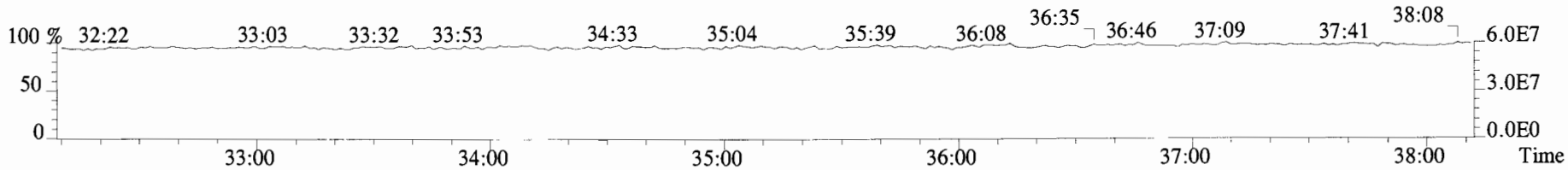
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



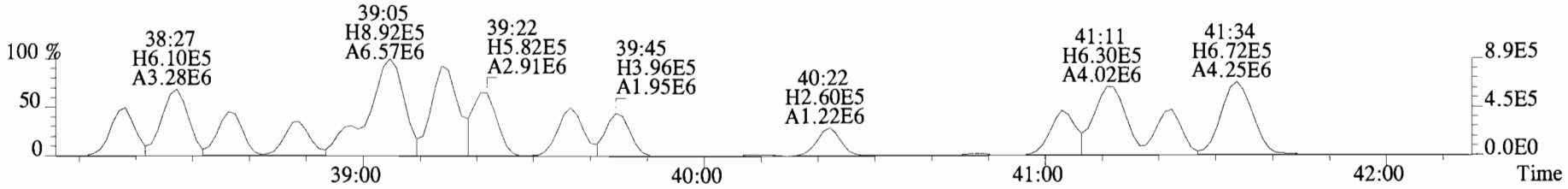
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



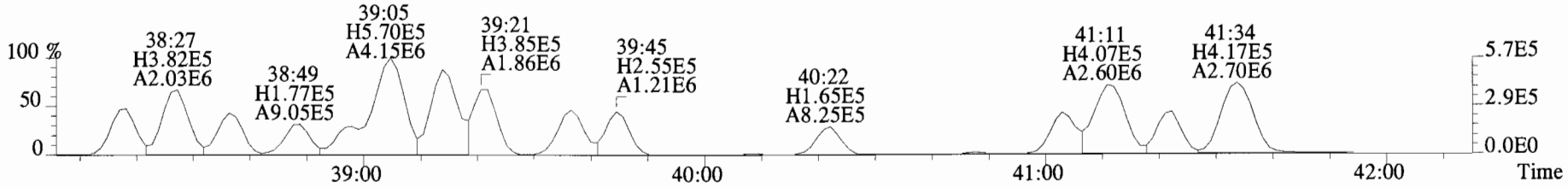
330.9792 S:3 F:3



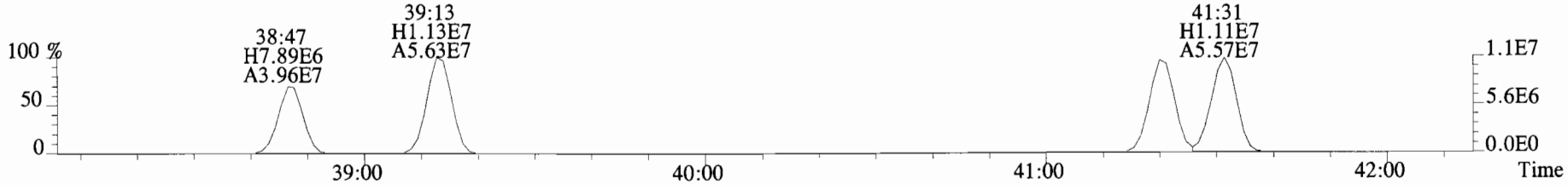
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



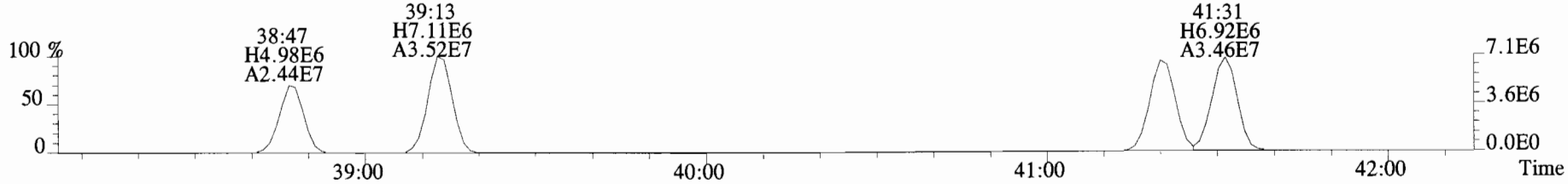
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



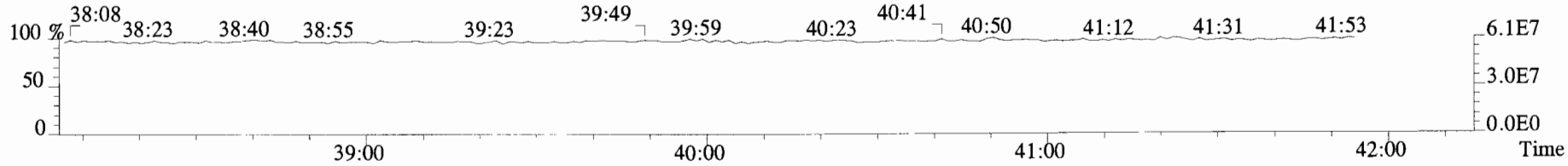
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



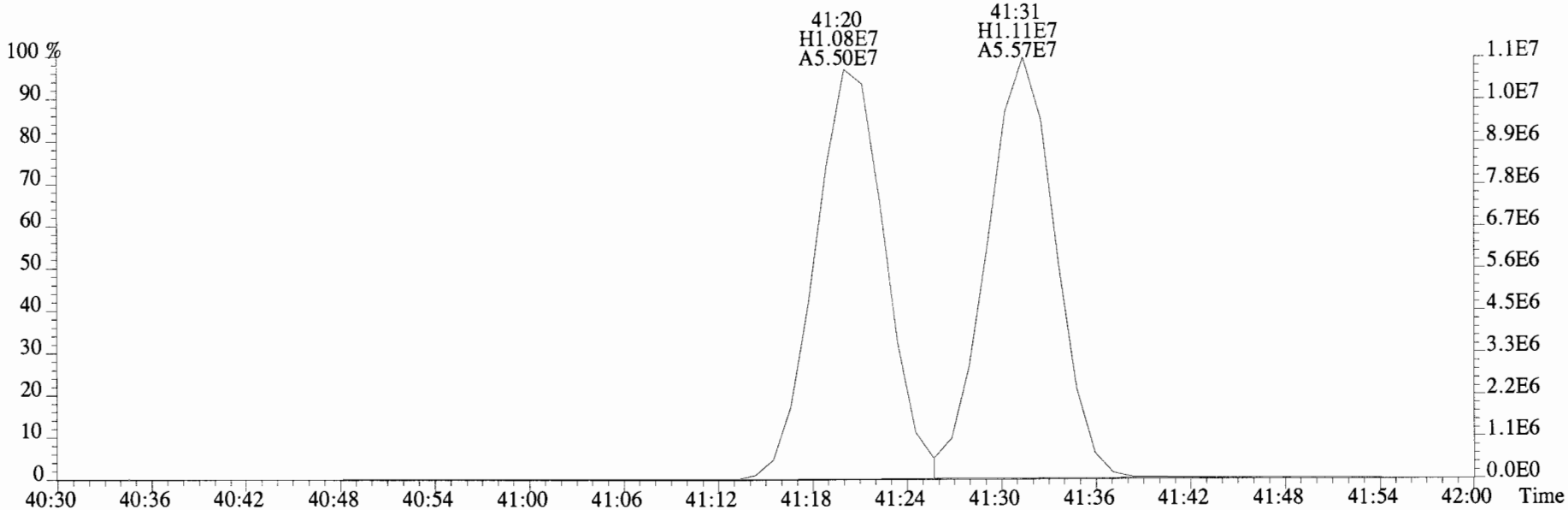
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



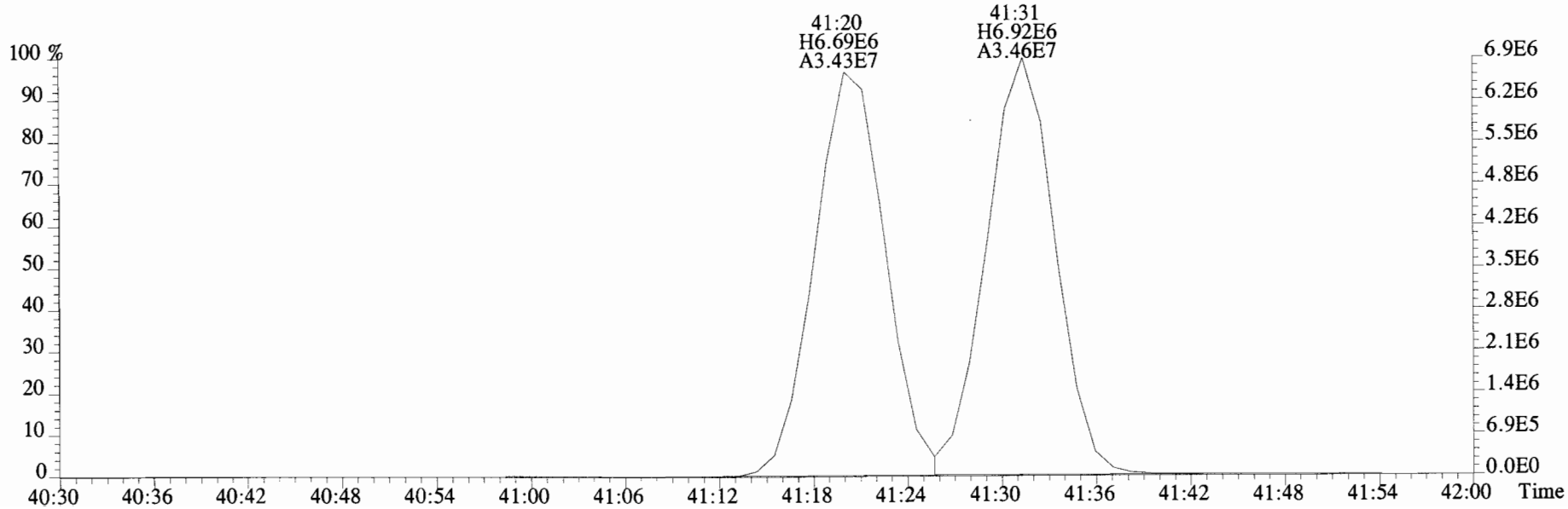
330.9792 S:3 F:3



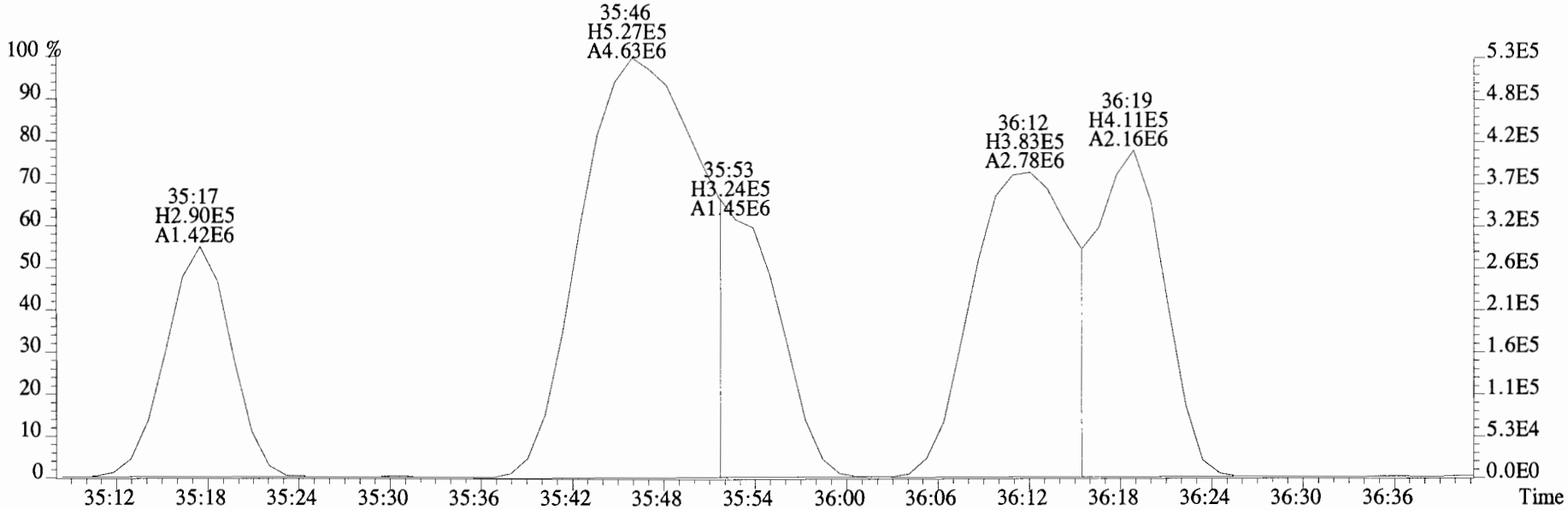
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
337.9207 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3056.0,0.00%,F,F)



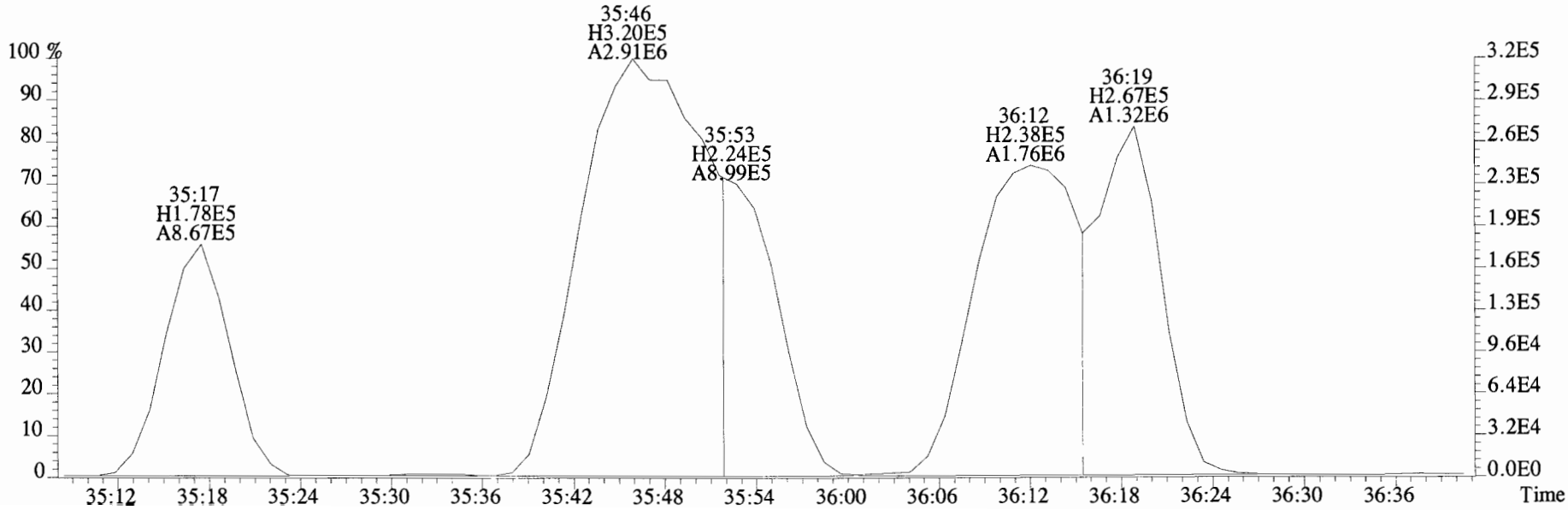
339.9177 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2832.0,0.00%,F,F)



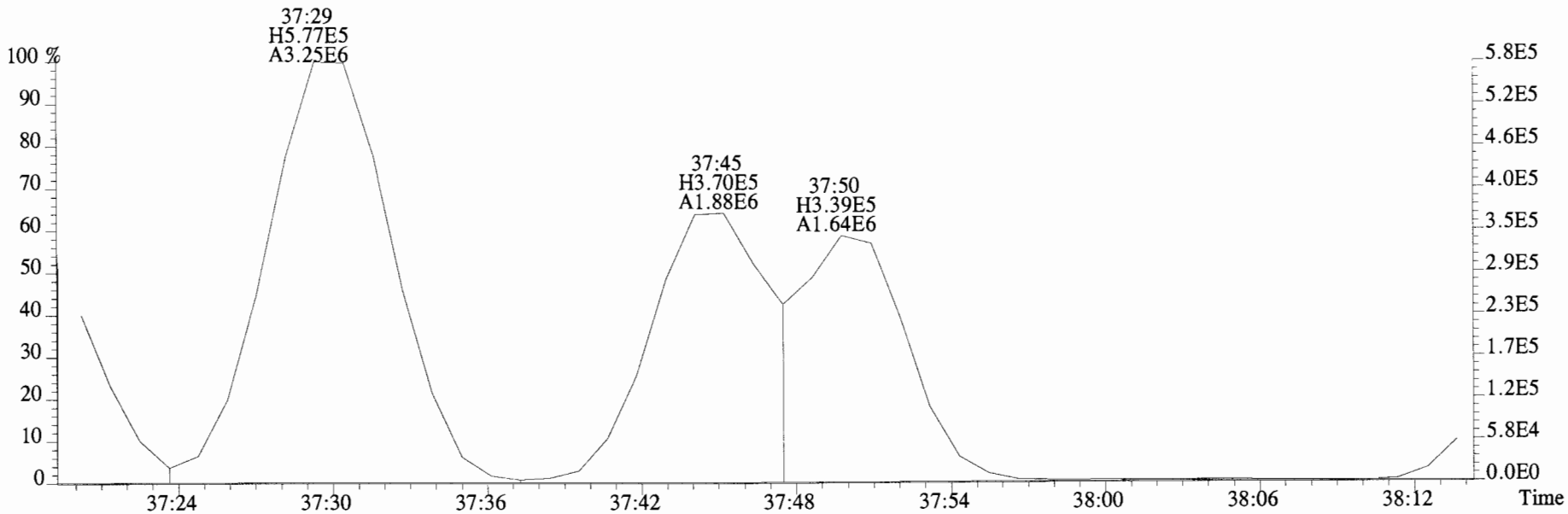
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



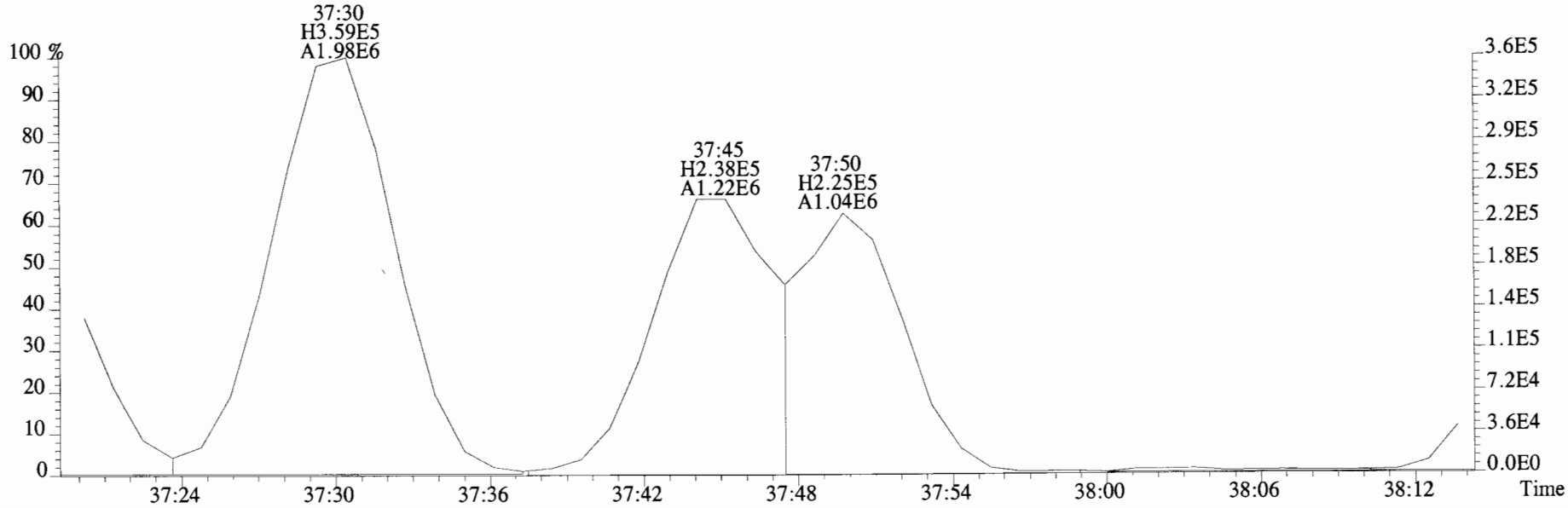
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



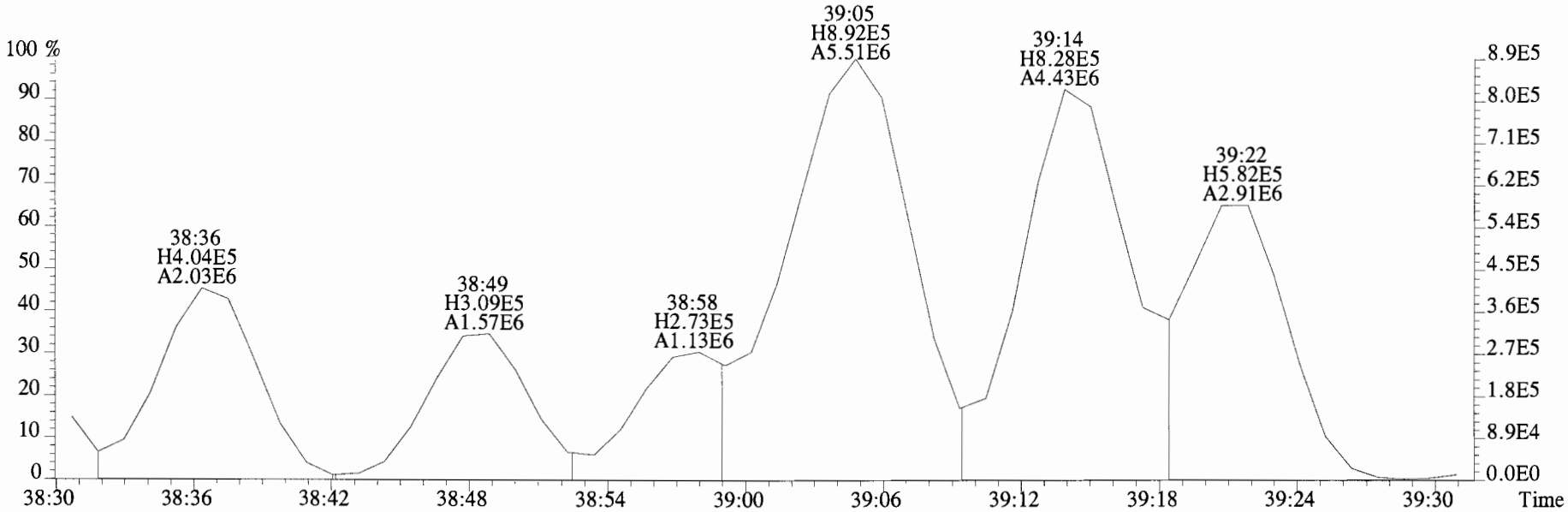
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



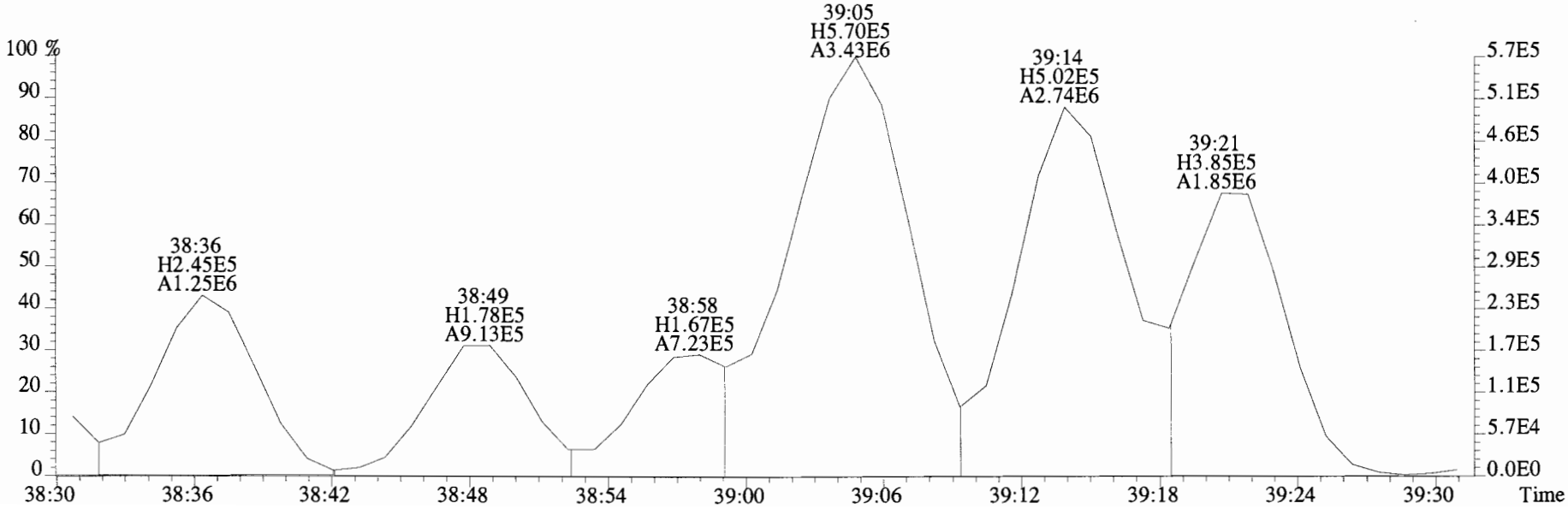
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



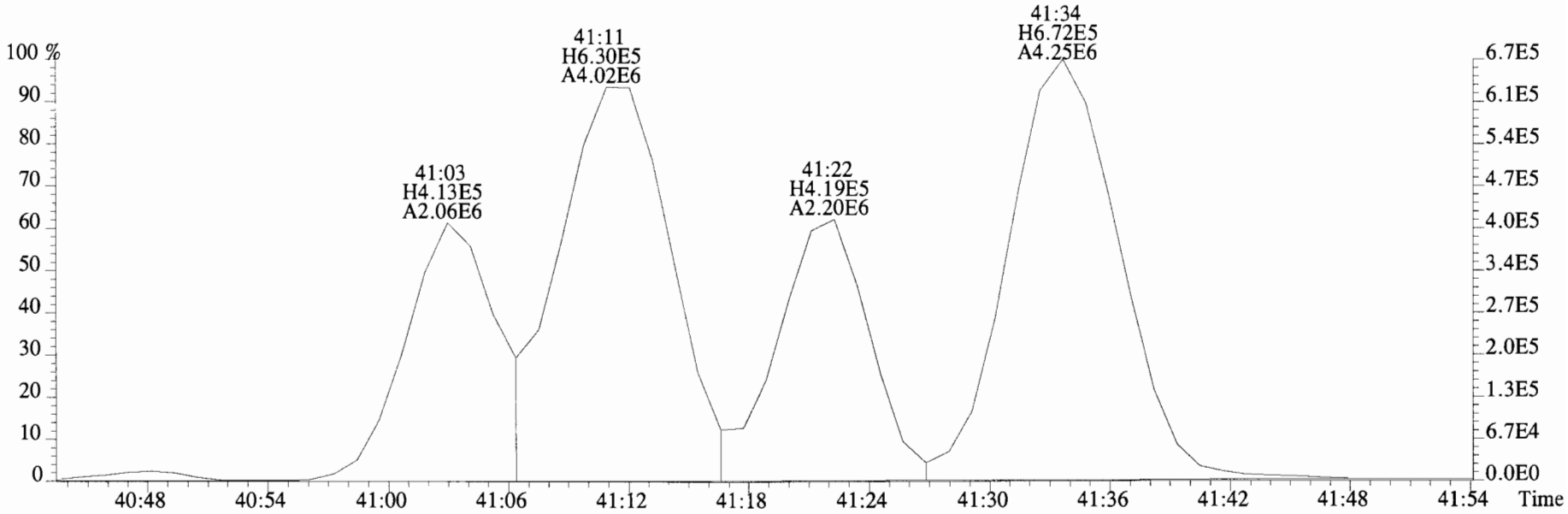
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



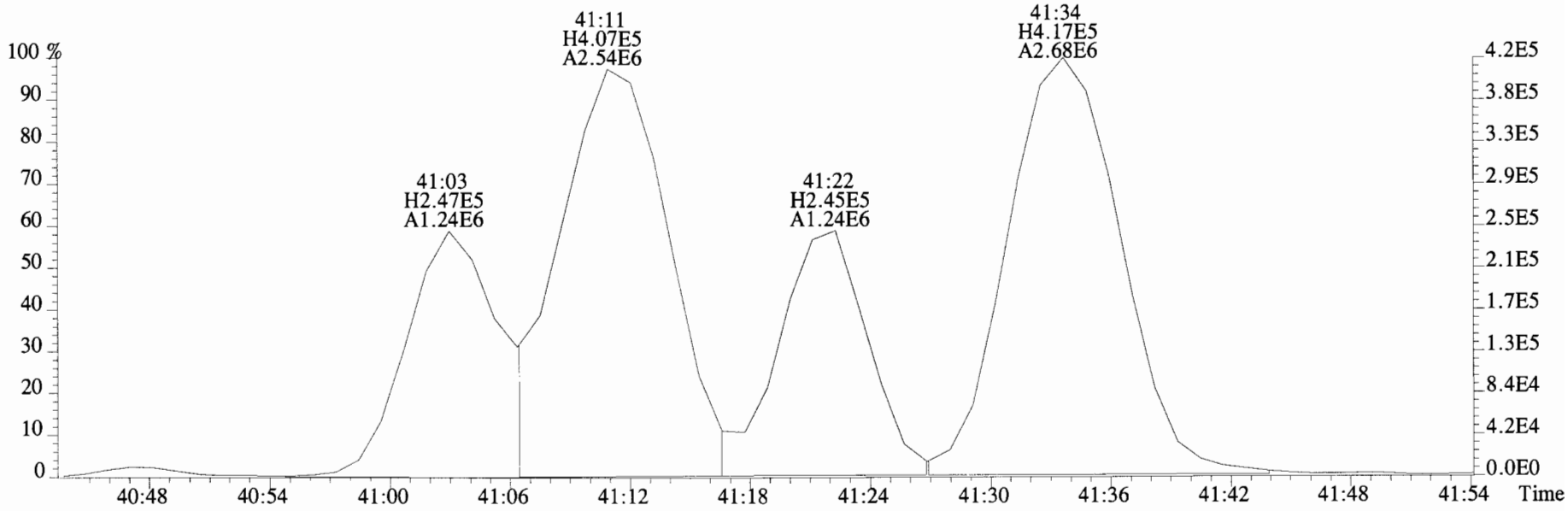
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



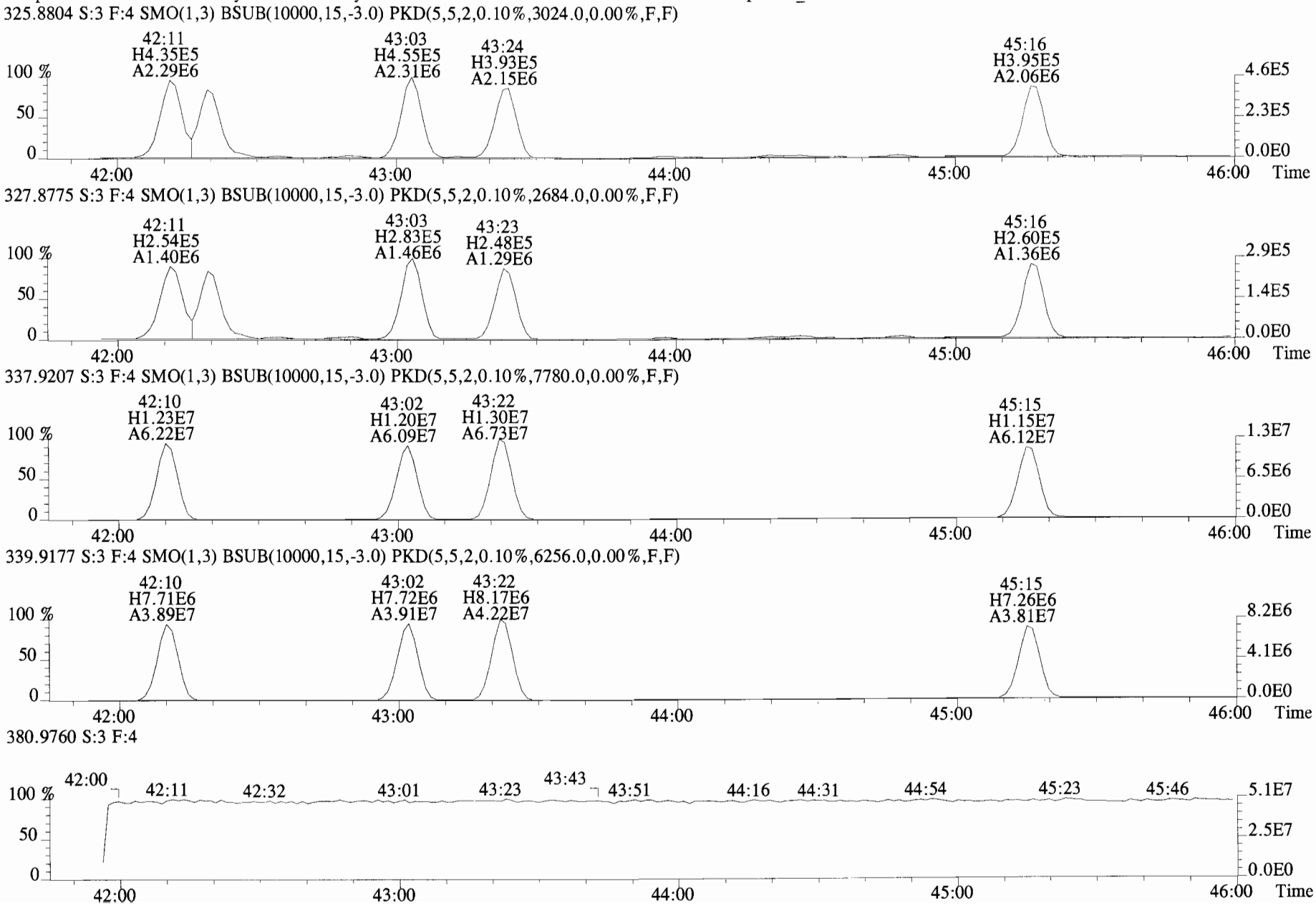
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2136.0,0.00%,F,F)



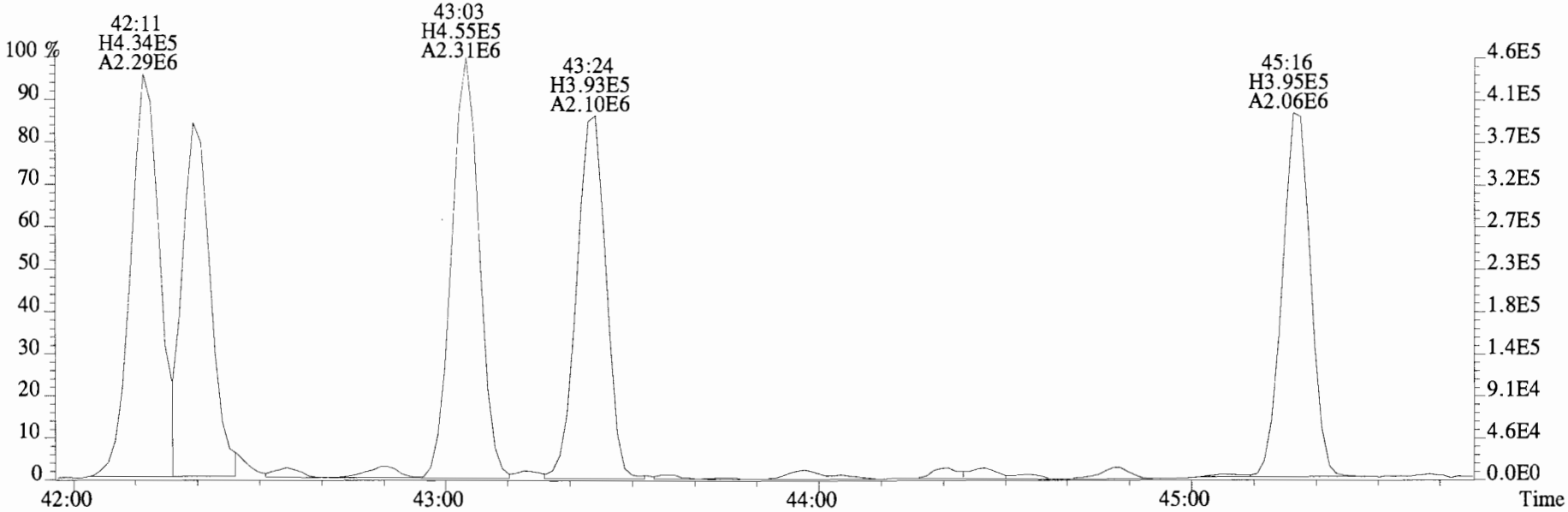
327.8775 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2032.0,0.00%,F,F)



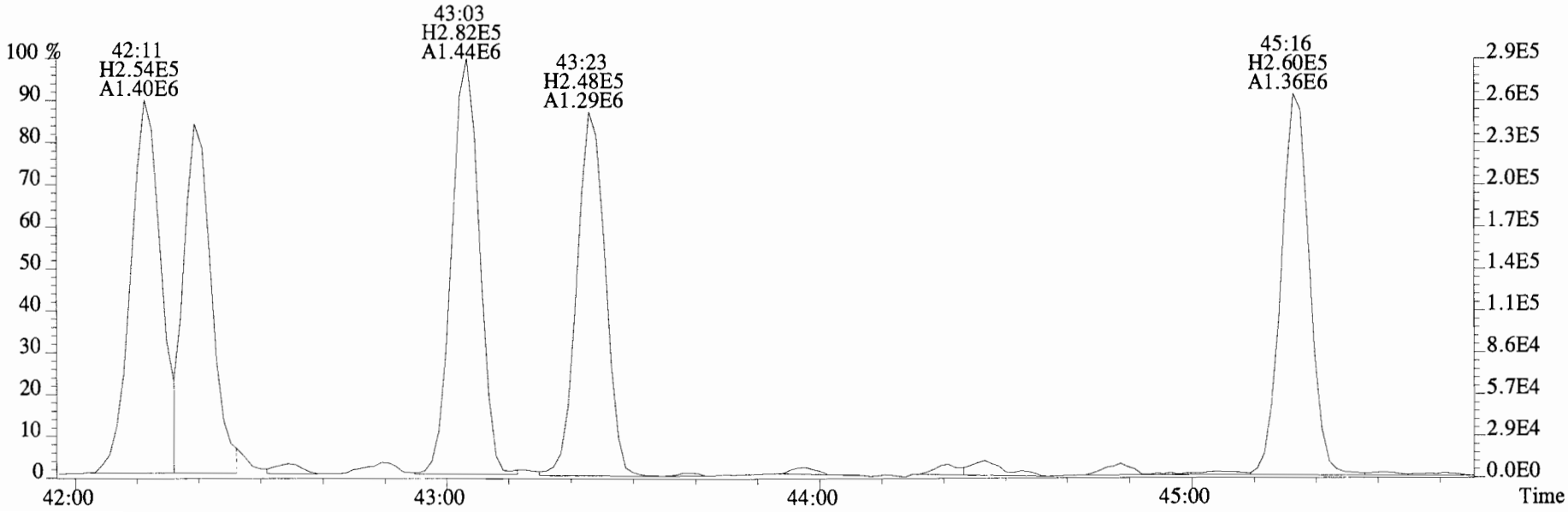
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1



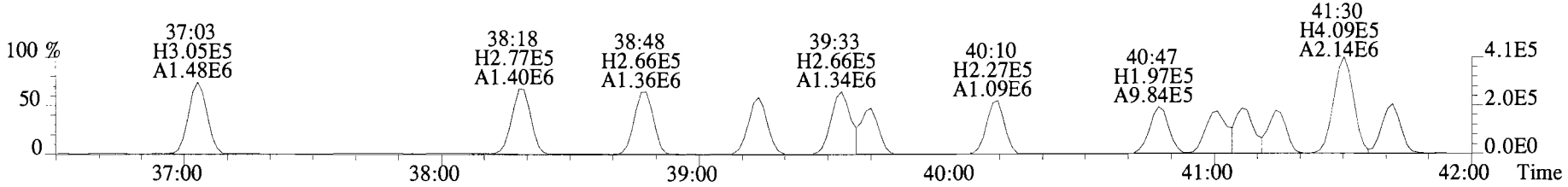
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
325.8804 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3024.0,0.00%,F,F)



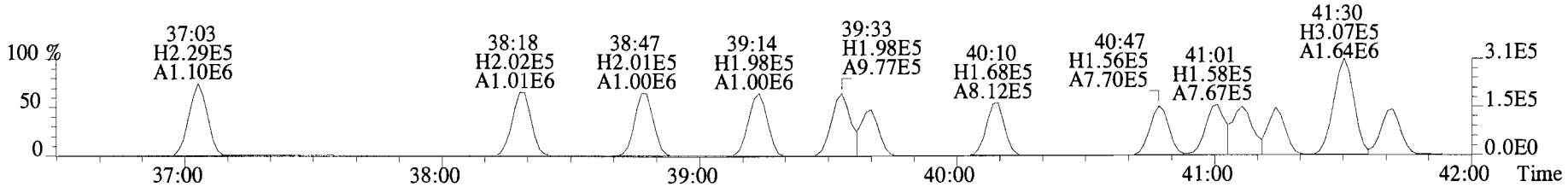
327.8775 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



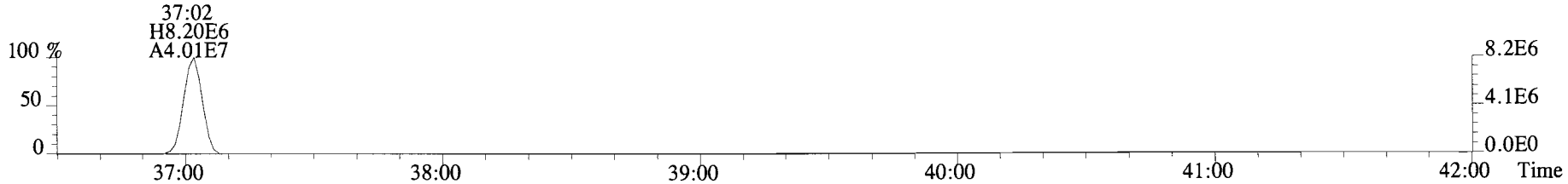
File:171027E1 #1-759 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1708.0,0.00%,F,F)



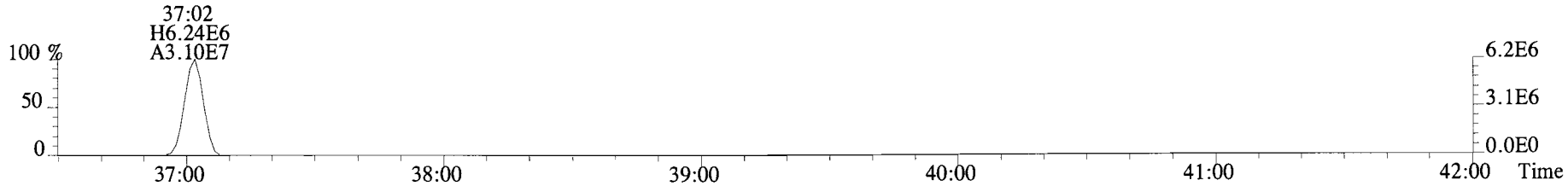
361.8385 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1780.0,0.00%,F,F)



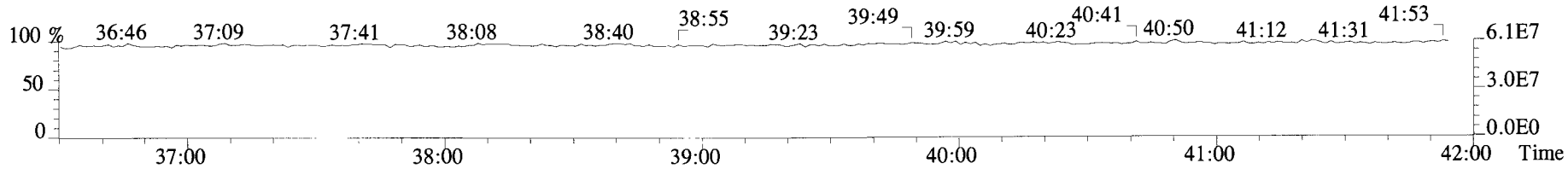
371.8817 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2156.0,0.00%,F,F)



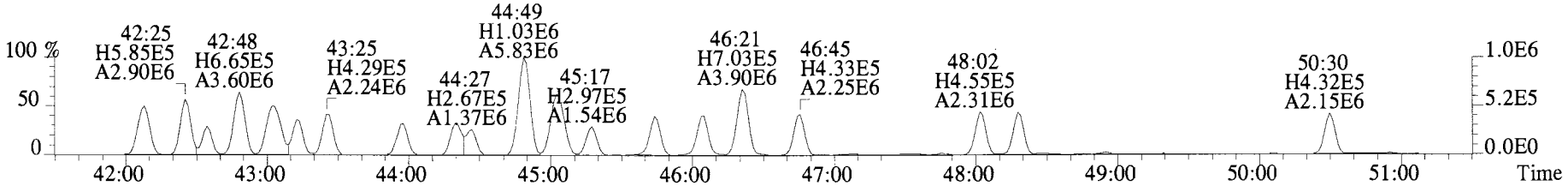
373.8788 S:3 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1924.0,0.00%,F,F)



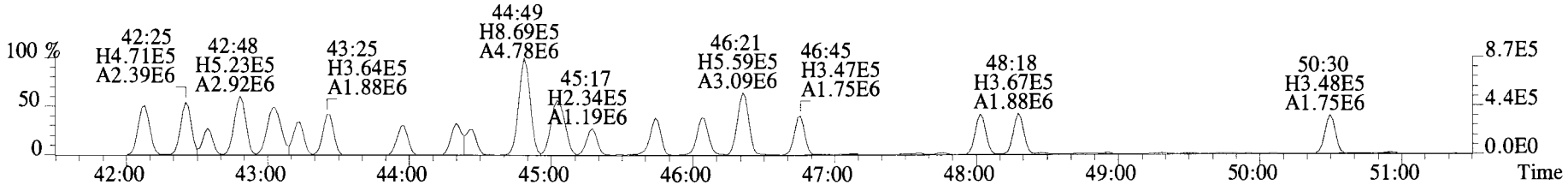
330.9792 S:3 F:3



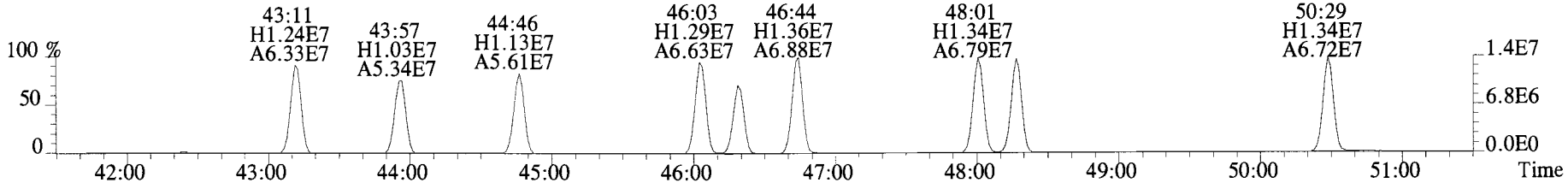
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



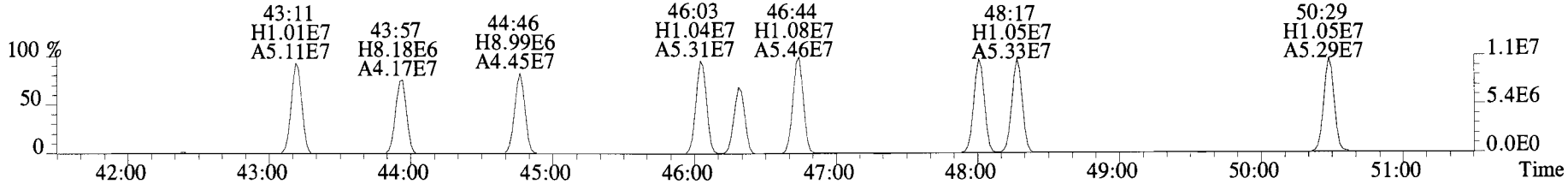
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



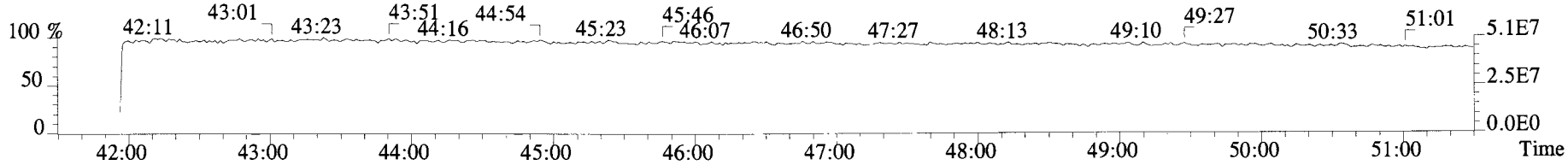
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16032.0,0.00%,F,F)



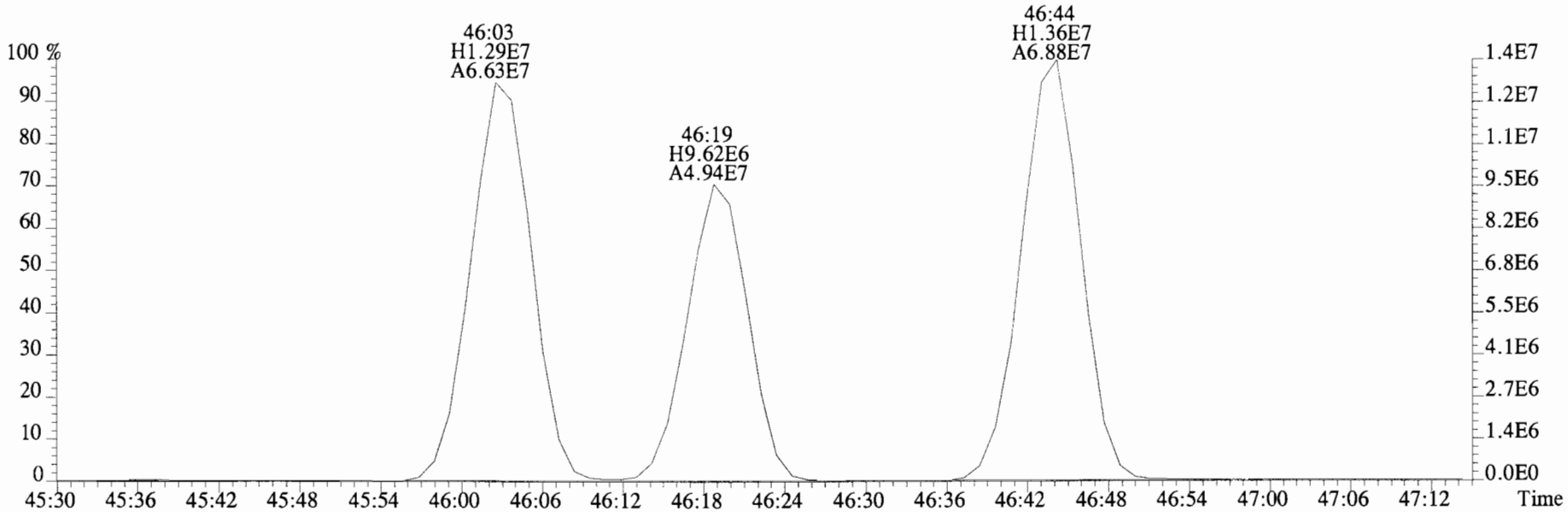
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13056.0,0.00%,F,F)



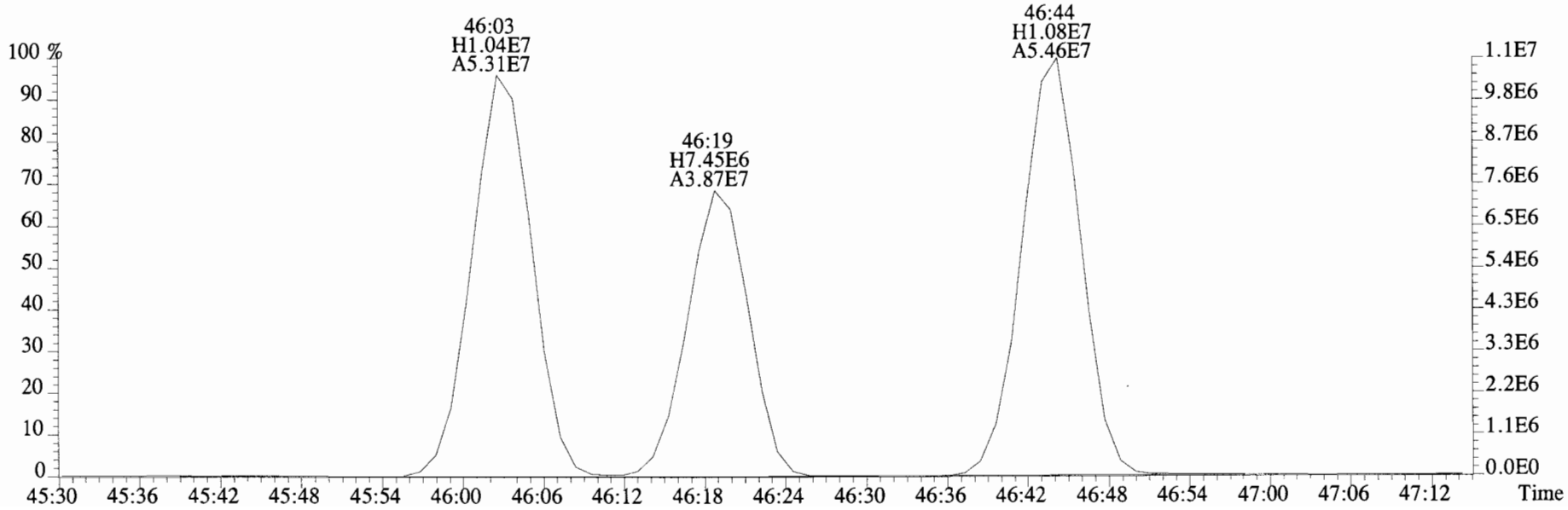
380.9760 S:3 F:4



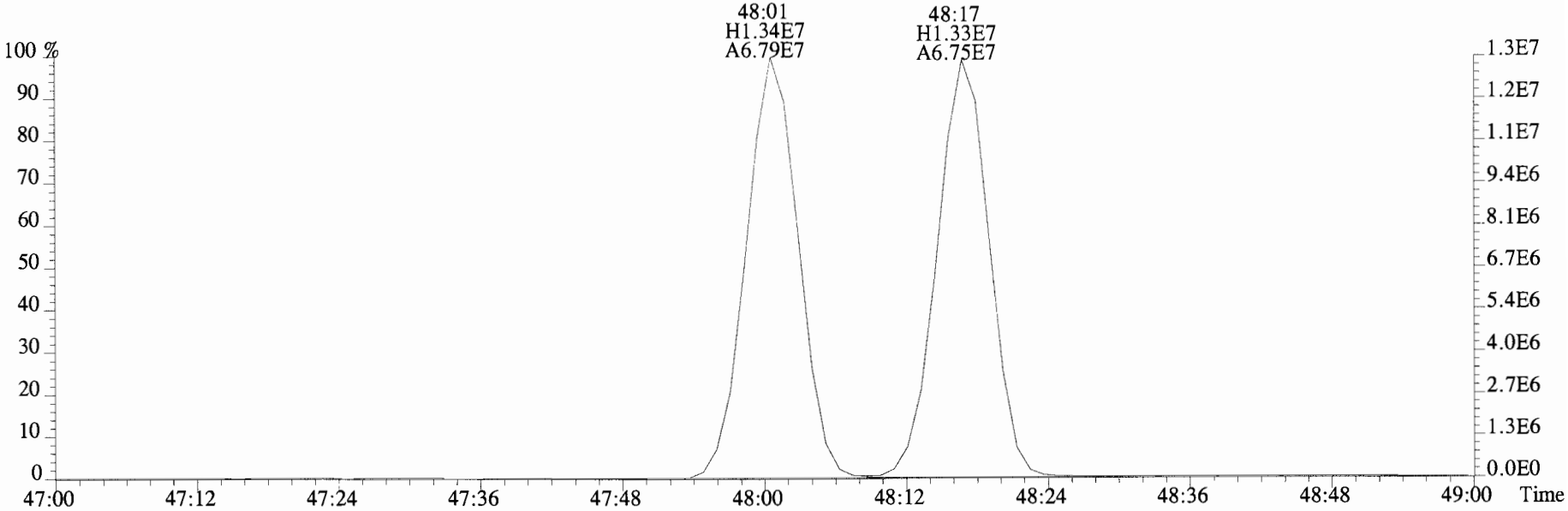
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16032.0,0.00%,F,F)



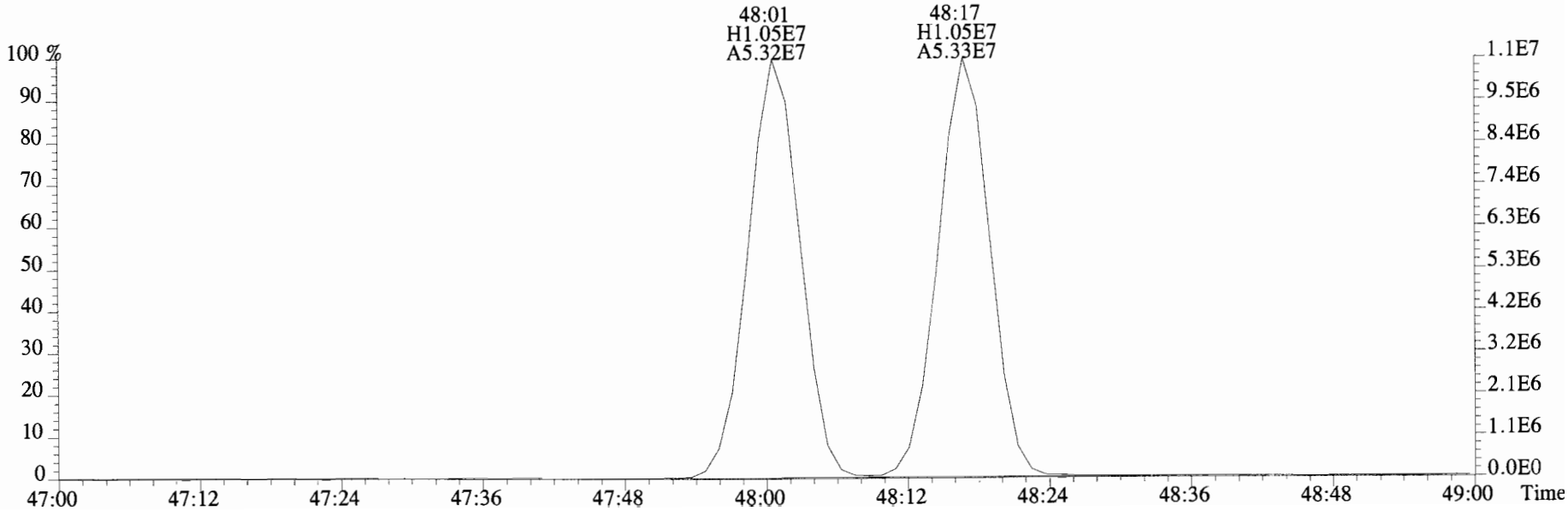
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13056.0,0.00%,F,F)



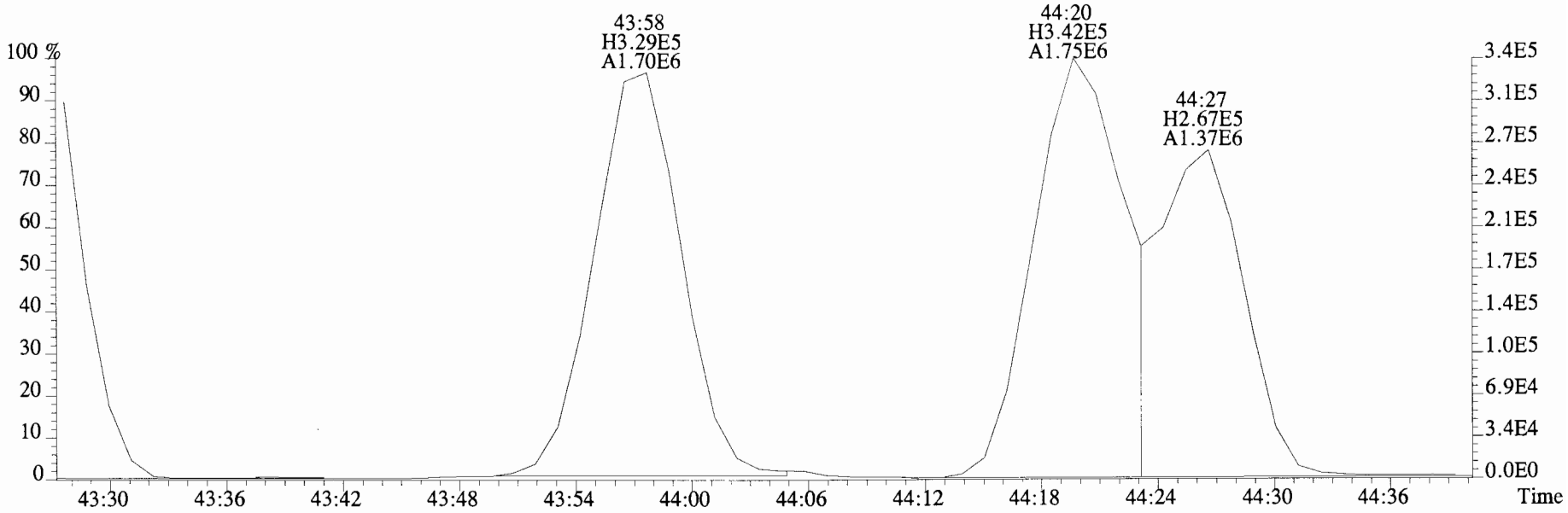
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
371.8817 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16032.0,0.00%,F,F)



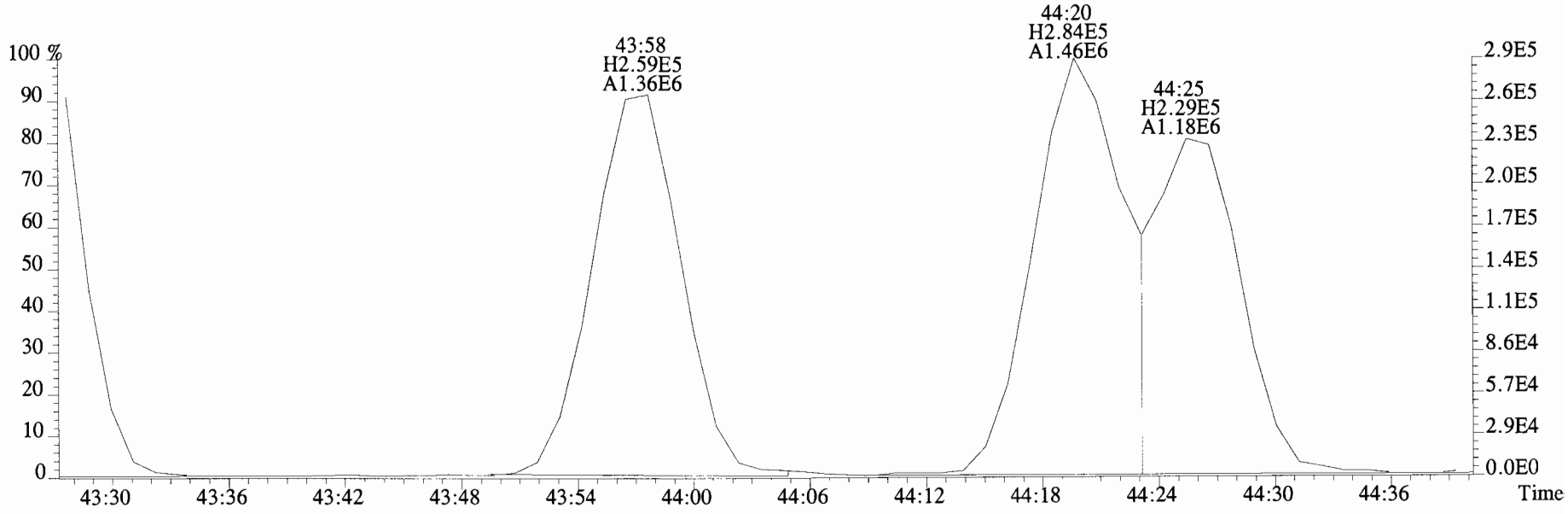
373.8788 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13056.0,0.00%,F,F)



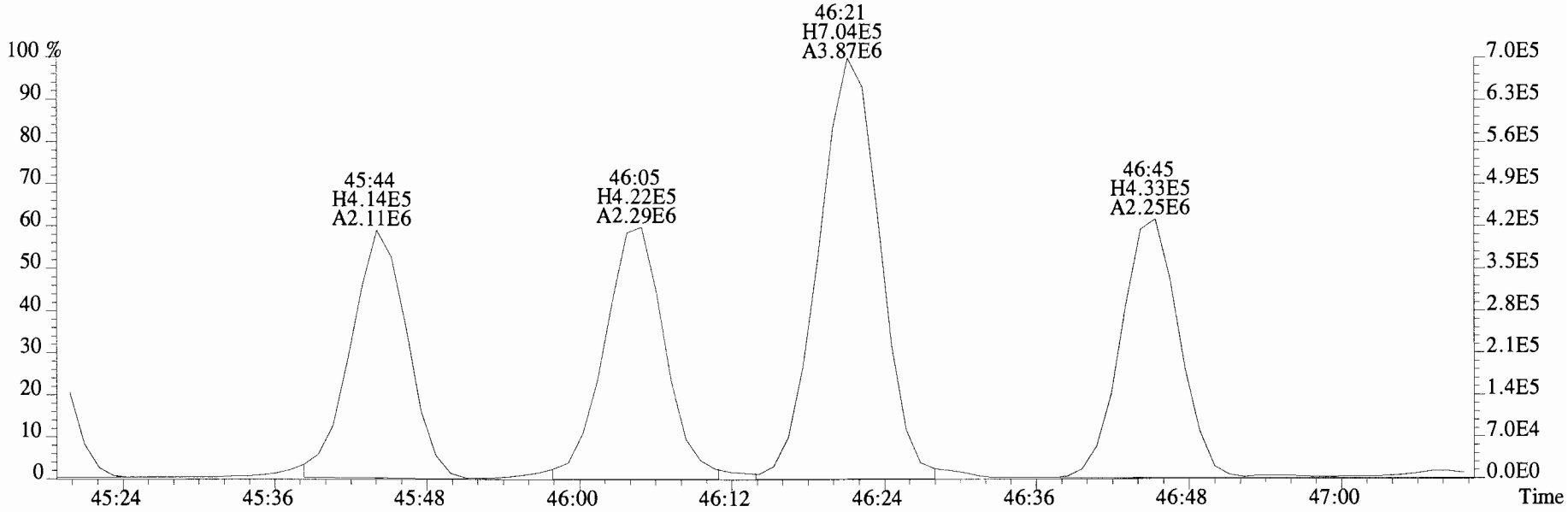
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



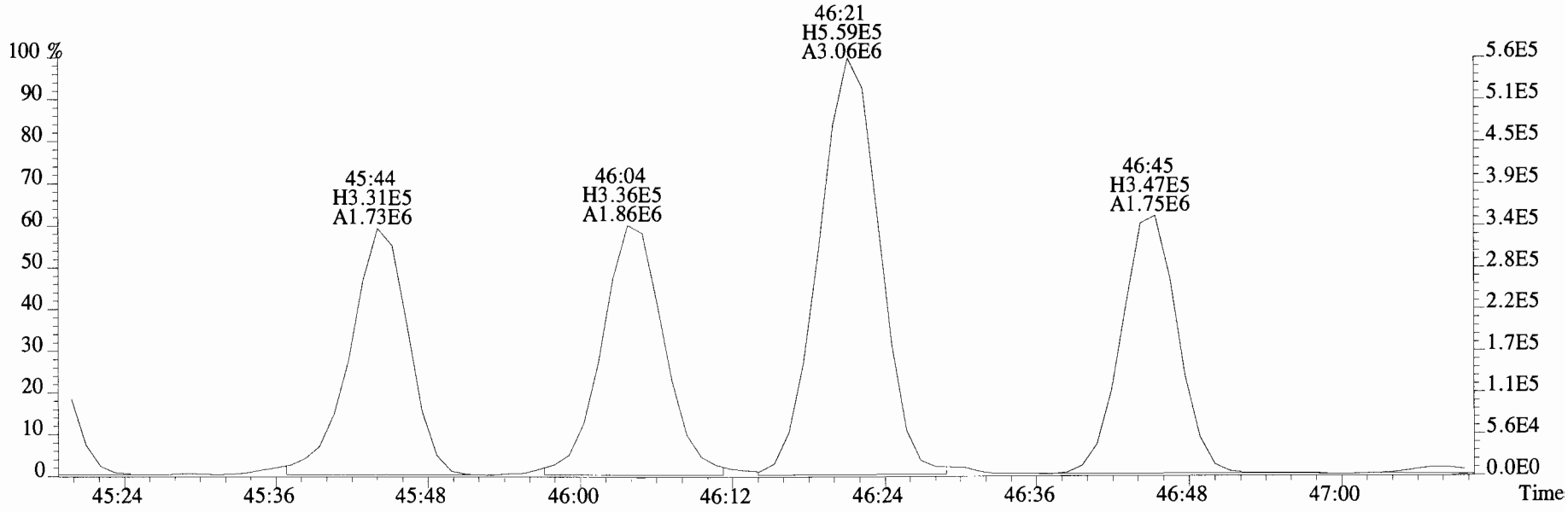
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



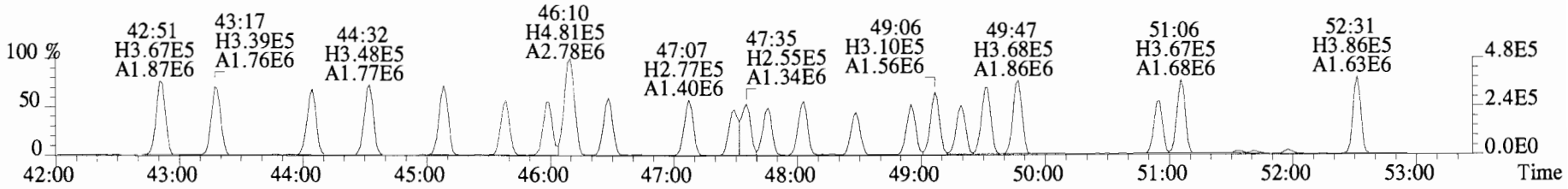
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
359.8415 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2952.0,0.00%,F,F)



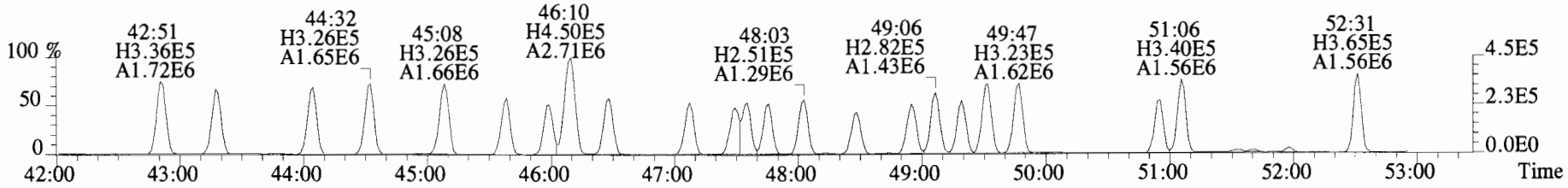
361.8385 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3184.0,0.00%,F,F)



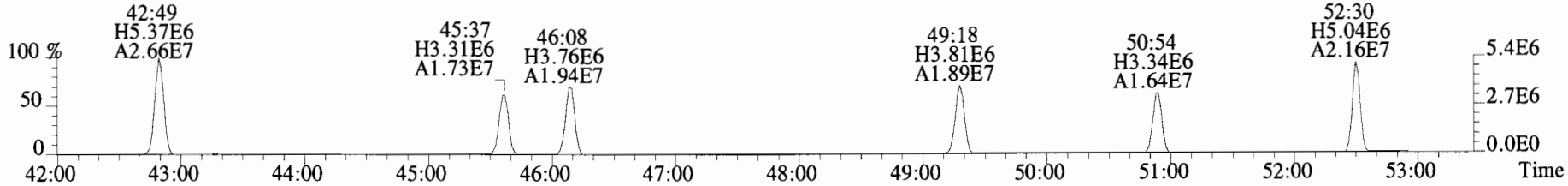
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
393.8025 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2552.0,0.00%,F,F)



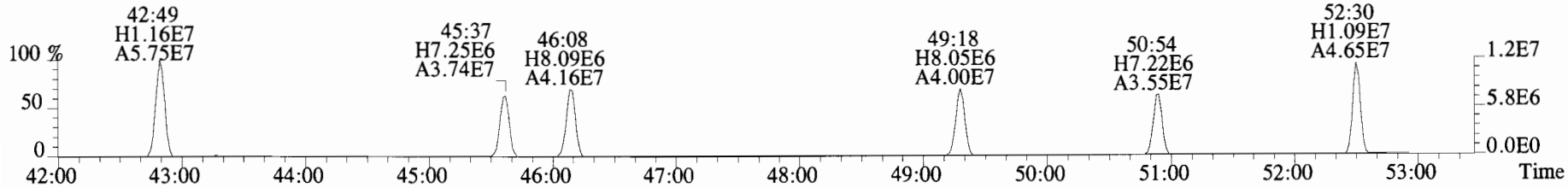
395.7995 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2728.0,0.00%,F,F)



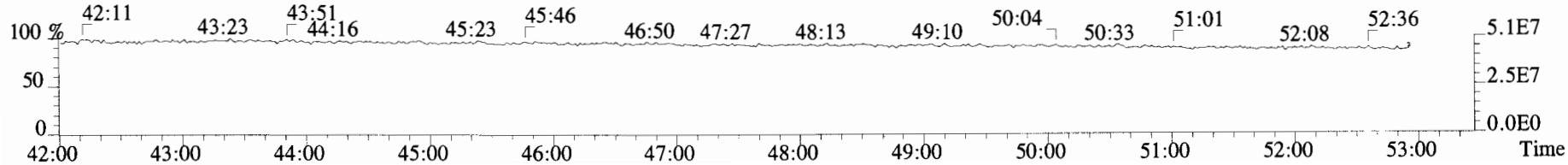
403.8457 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7096.0,0.00%,F,F)



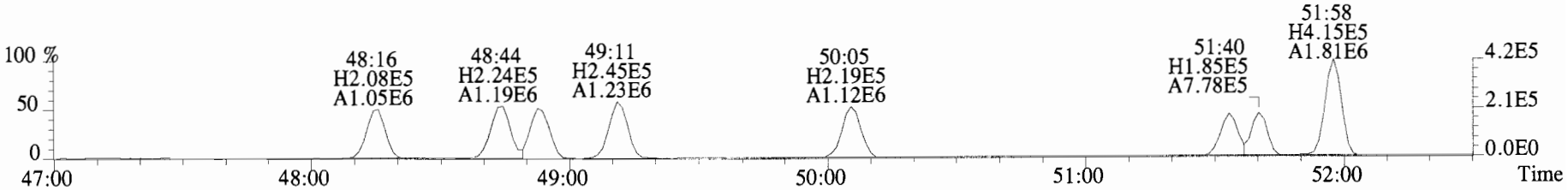
405.8428 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13324.0,0.00%,F,F)



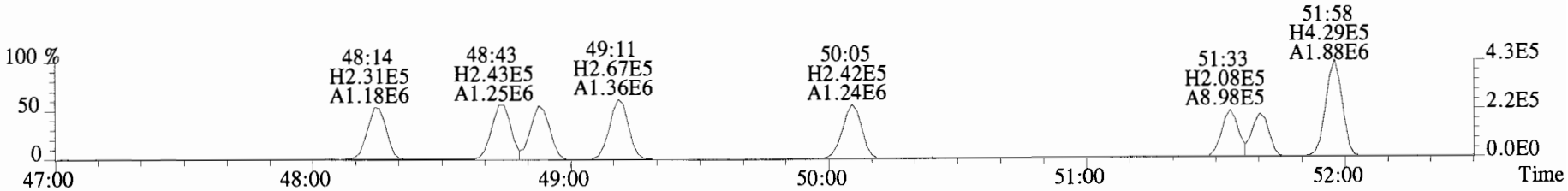
380.9760 S:3 F:4



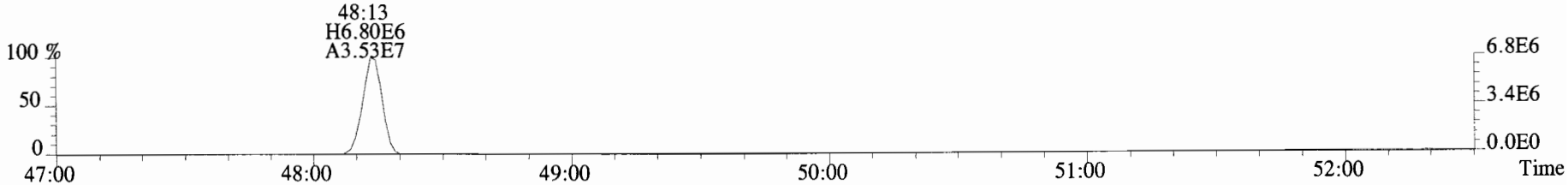
File:171027E1 #1-571 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
427.7635 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2152.0,0.00%,F,F)



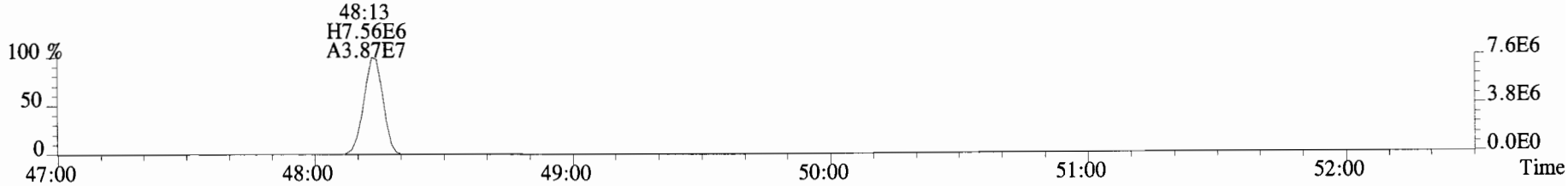
429.7606 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2144.0,0.00%,F,F)



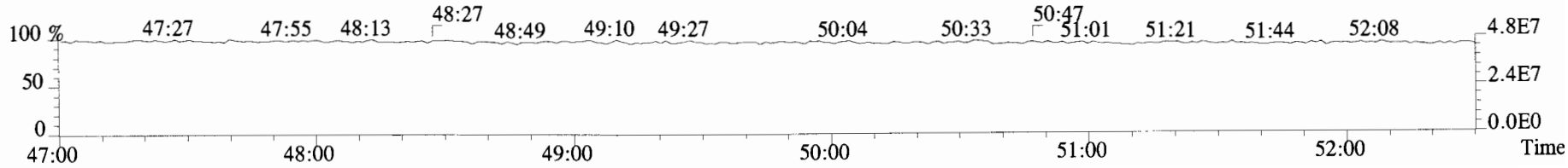
439.8038 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1464.0,0.00%,F,F)



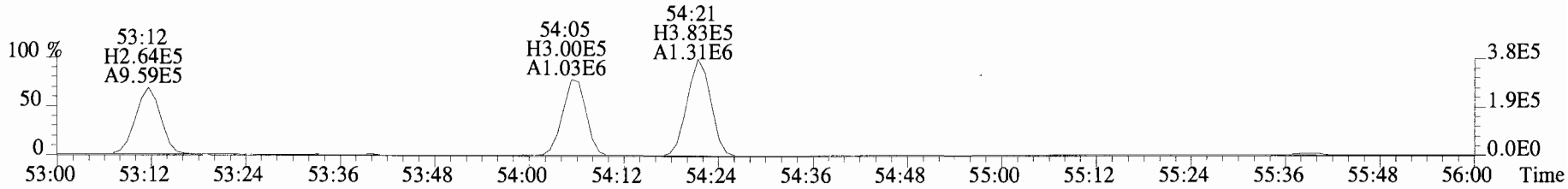
441.8008 S:3 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5744.0,0.00%,F,F)



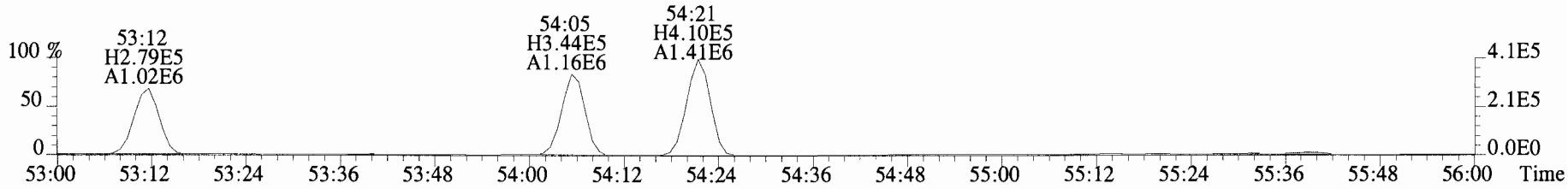
380.9760 S:3 F:4



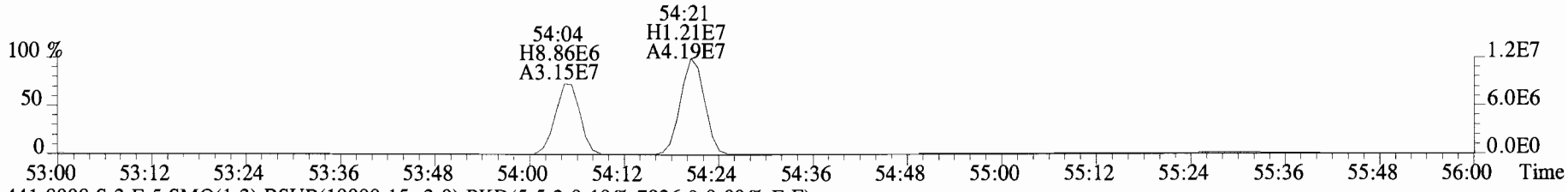
File:171027E1 #1-407 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
427.7635 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1652.0,0.00%,F,F)



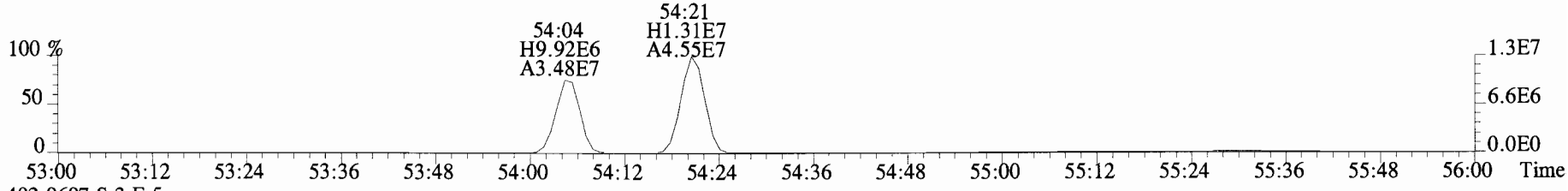
429.7606 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2664.0,0.00%,F,F)



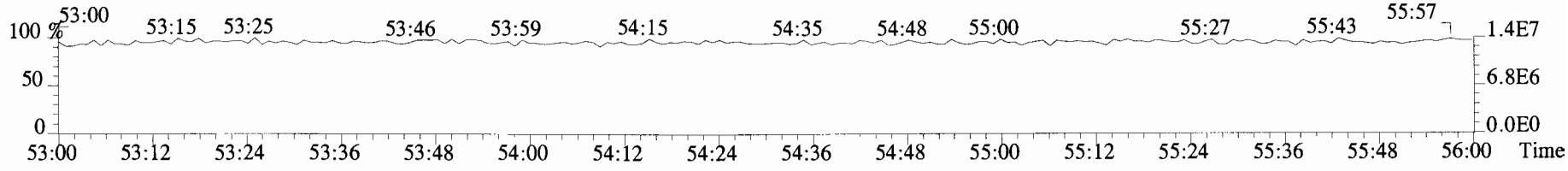
439.8038 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6048.0,0.00%,F,F)



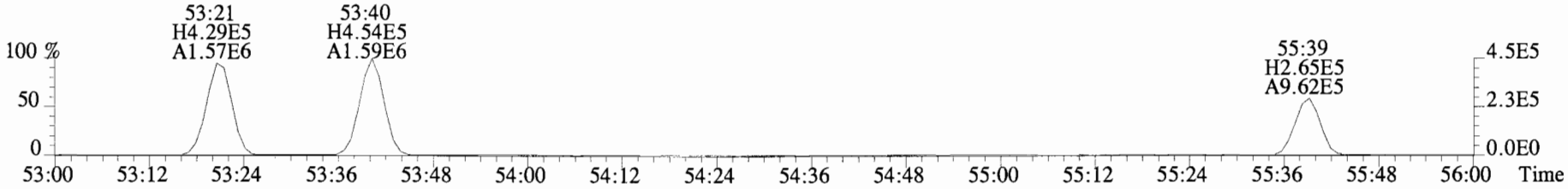
441.8008 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7936.0,0.00%,F,F)



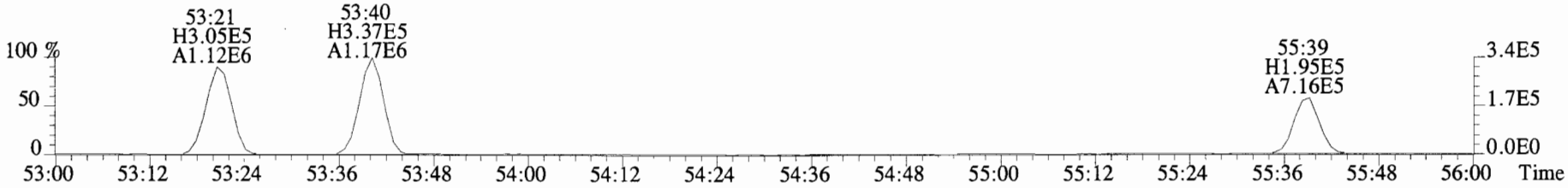
492.9697 S:3 F:5



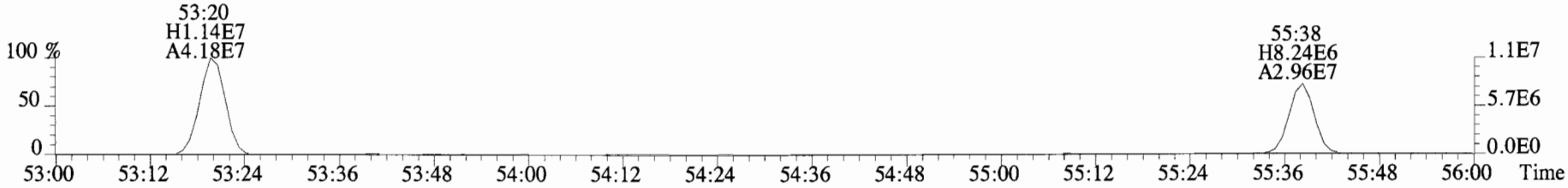
File:171027E1 #1-407 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
463.7216 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2044.0,0.00%,F,F)



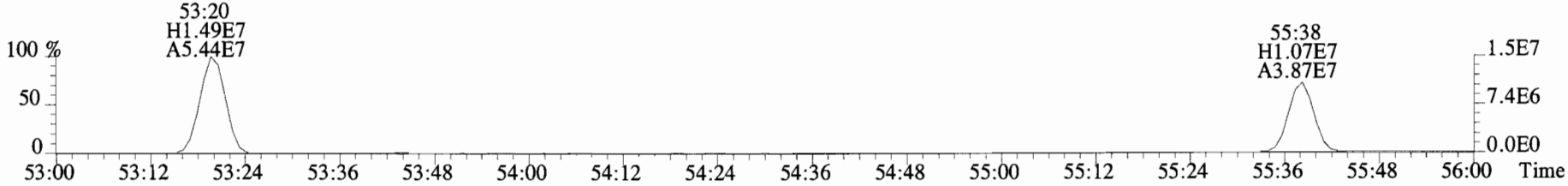
465.7186 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1928.0,0.00%,F,F)



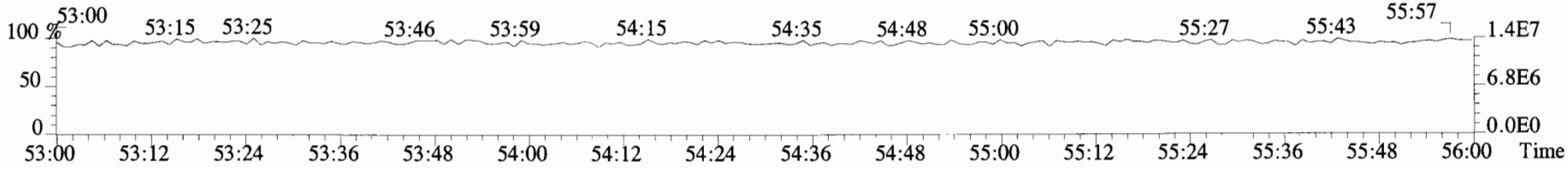
473.7648 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29624.0,0.00%,F,F)



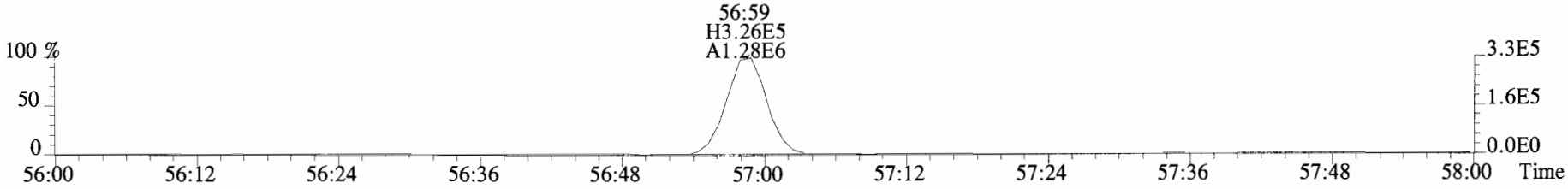
475.7619 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,39104.0,0.00%,F,F)



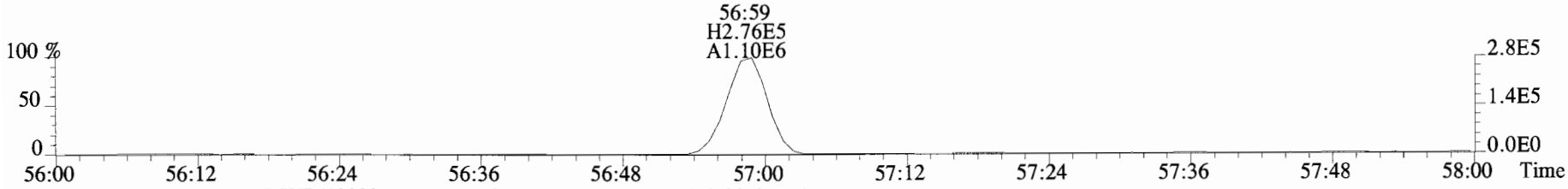
492.9697 S:3 F:5



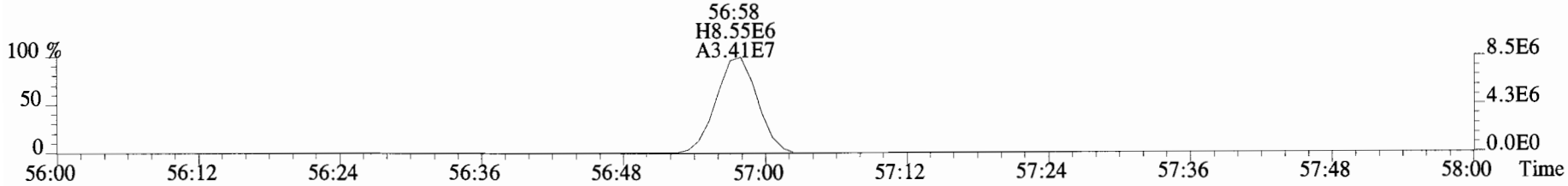
File:171027E1 #1-407 Acq:27-OCT-2017 12:37:50 GC EI+ Voltage SIR Autospec-UltimaE
Sample#3 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-3 PCB CS2 17C0310 Exp:PCB_ZB1
497.6826 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1304.0,0.00%,F,F)



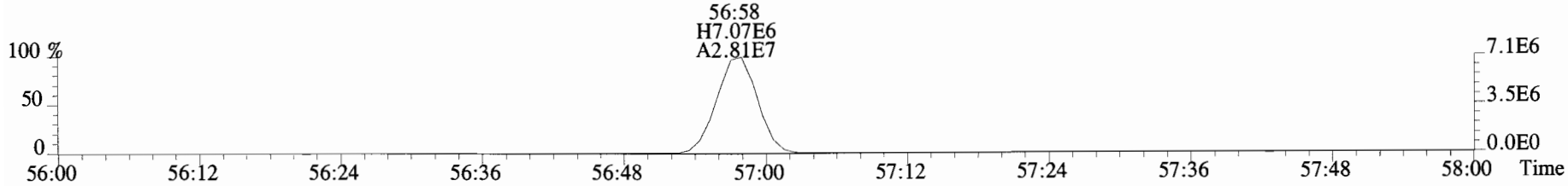
499.6797 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1236.0,0.00%,F,F)



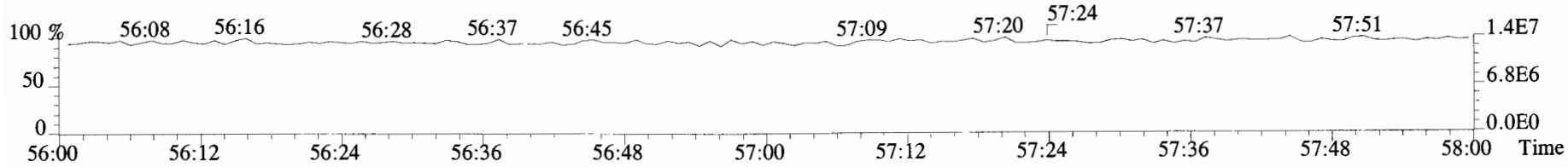
509.7229 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1588.0,0.00%,F,F)



511.7199 S:3 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1280.0,0.00%,F,F)

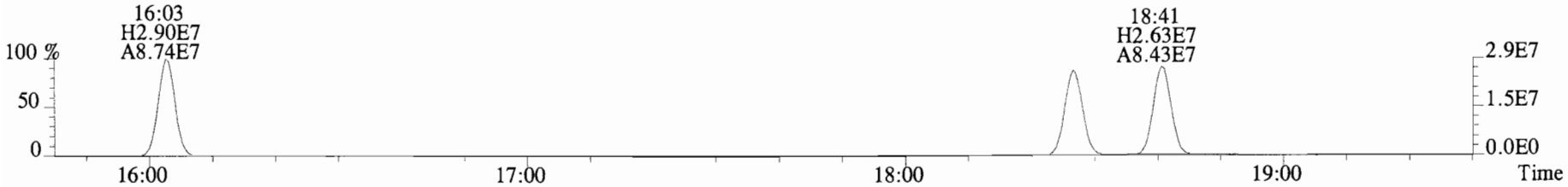


492.9697 S:3 F:5

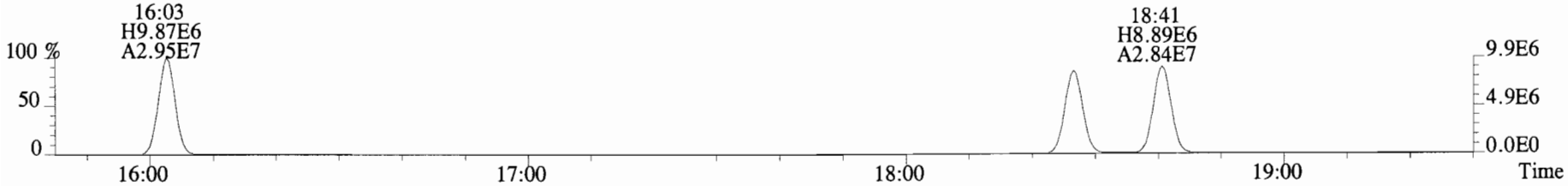


File:171027E1 #1-866 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1

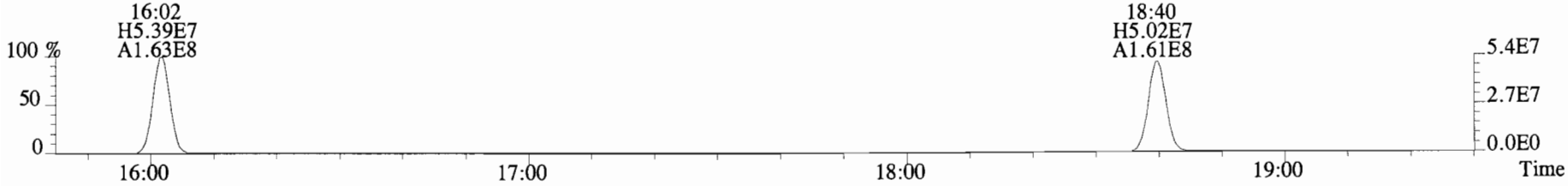
188.0393 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5464.0,0.00%,F,F)



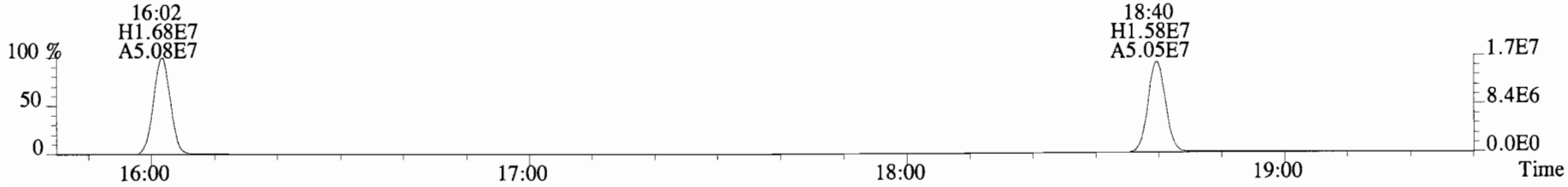
190.0363 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4812.0,0.00%,F,F)



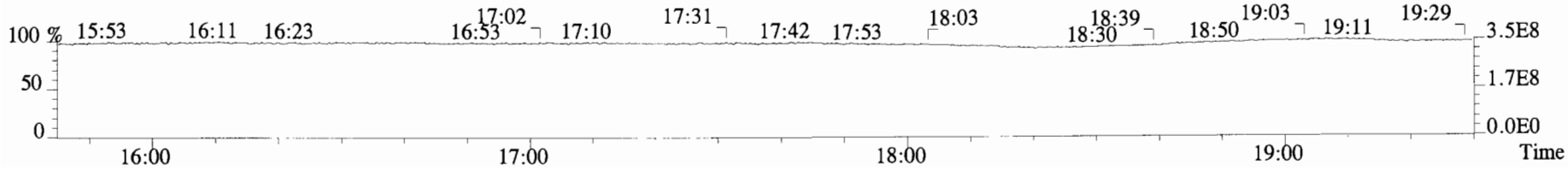
200.0795 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5964.0,0.00%,F,F)



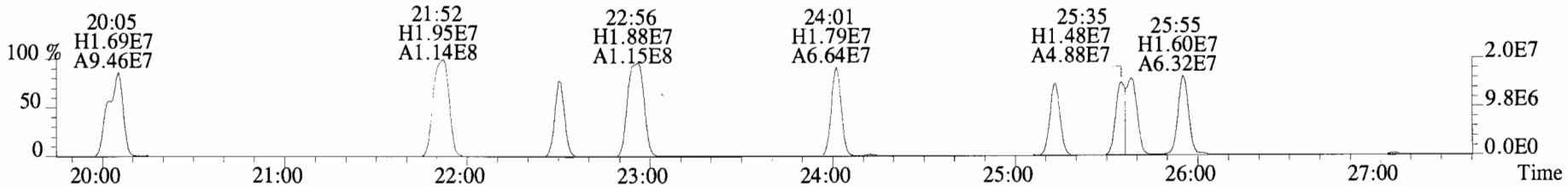
202.0766 S:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,15244.0,0.00%,F,F)



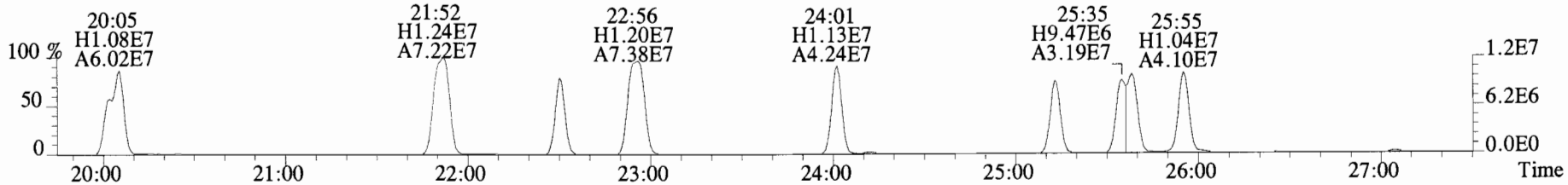
180.9880 S:4



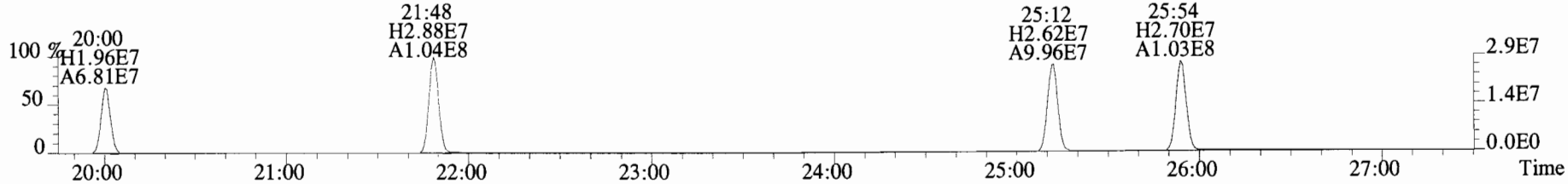
File:171027E1 #1-757 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7308.0,0.00%,F,F)



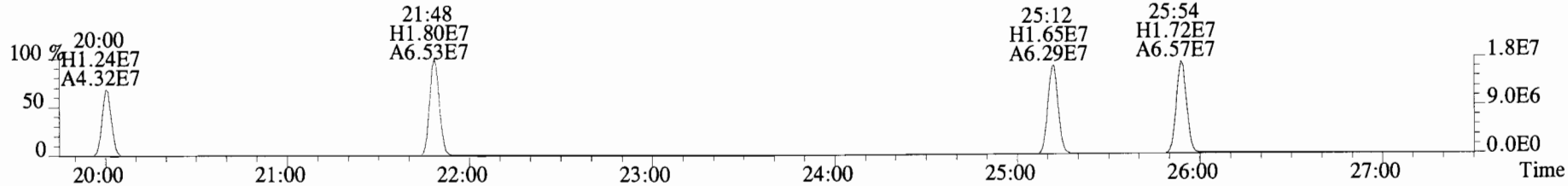
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



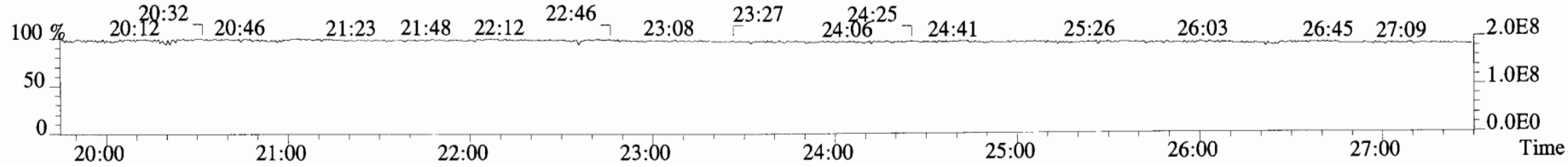
234.0406 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6748.0,0.00%,F,F)



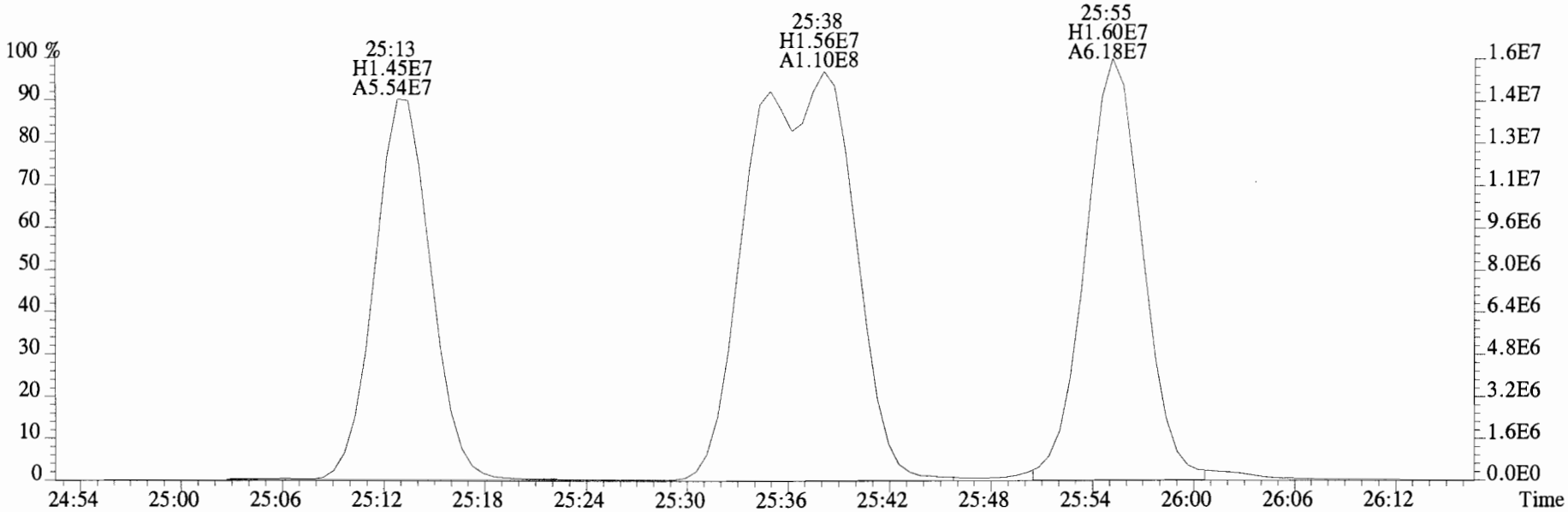
236.0376 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4100.0,0.00%,F,F)



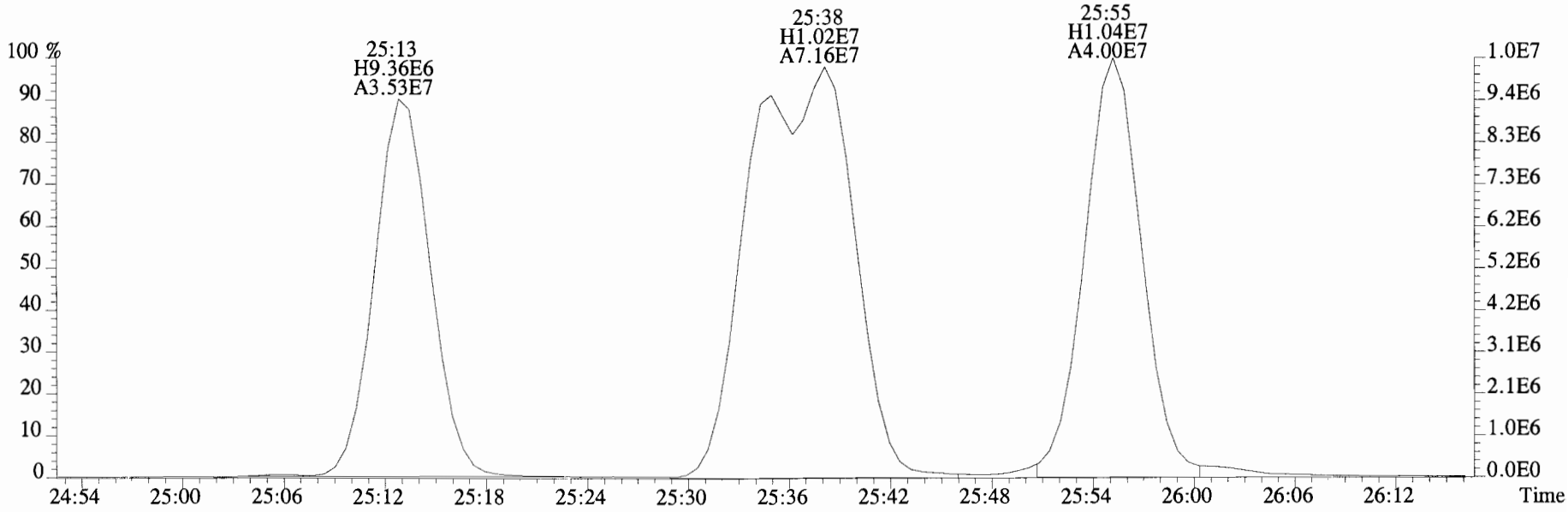
230.9856 S:4 F:2



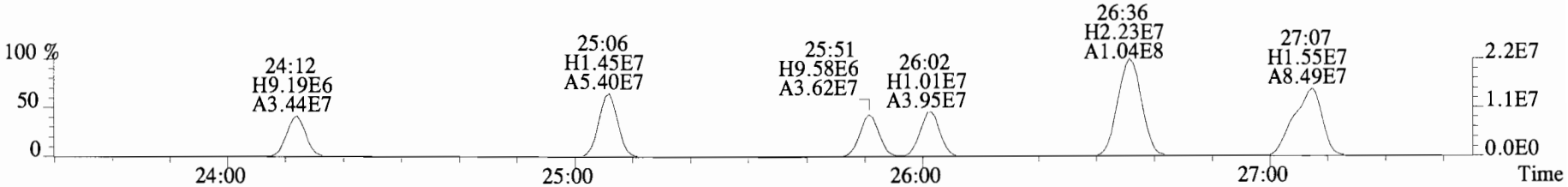
File:171027E1 #1-757 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
222.0003 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7308.0,0.00%,F,F)



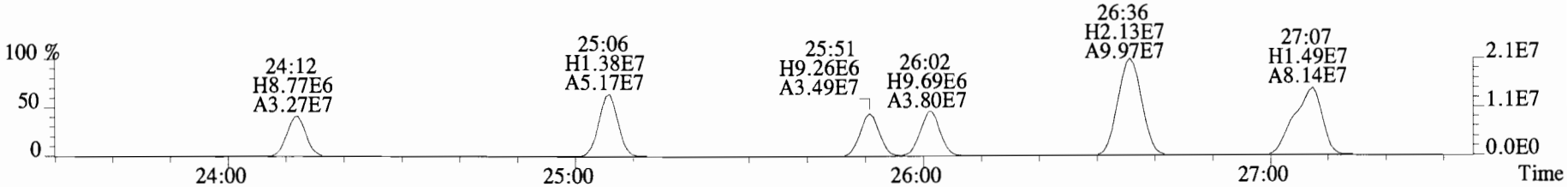
223.9974 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24720.0,0.00%,F,F)



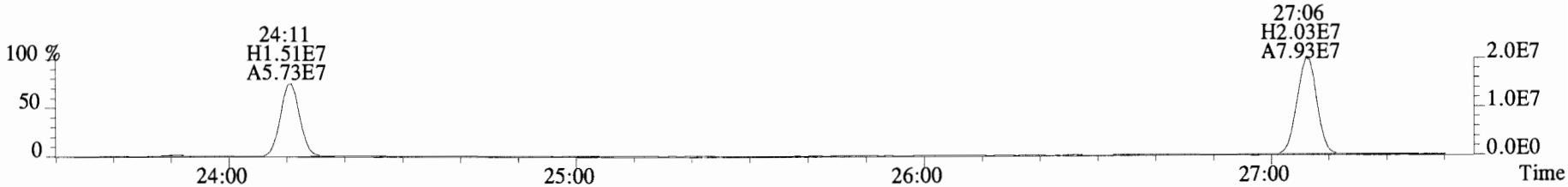
File:171027E1 #1-757 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5440.0,0.00%,F,F)



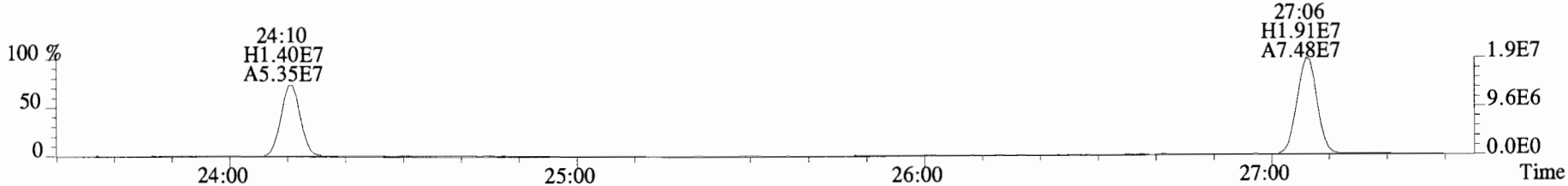
257.9584 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3576.0,0.00%,F,F)



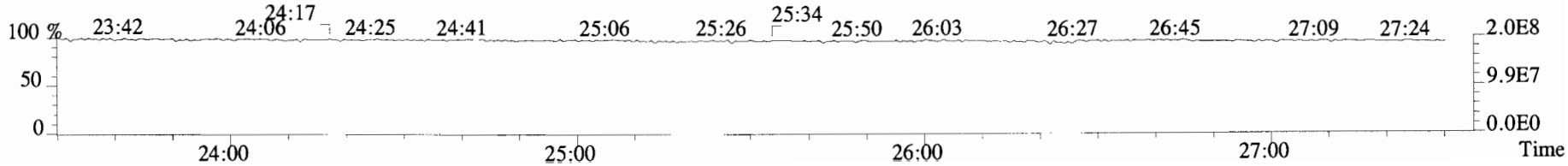
268.0016 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,104788.0,0.00%,F,F)



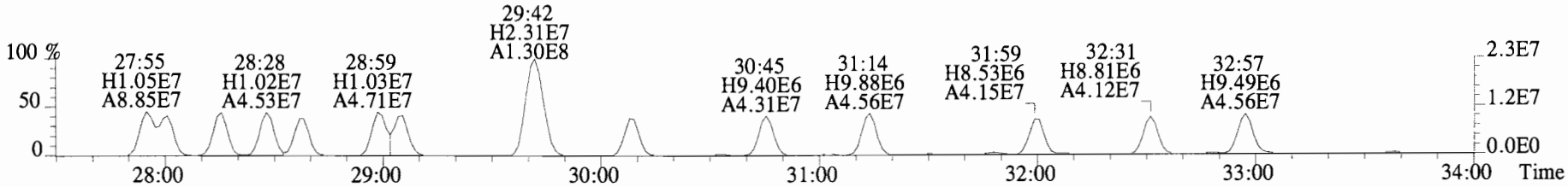
269.9986 S:4 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,74396.0,0.00%,F,F)



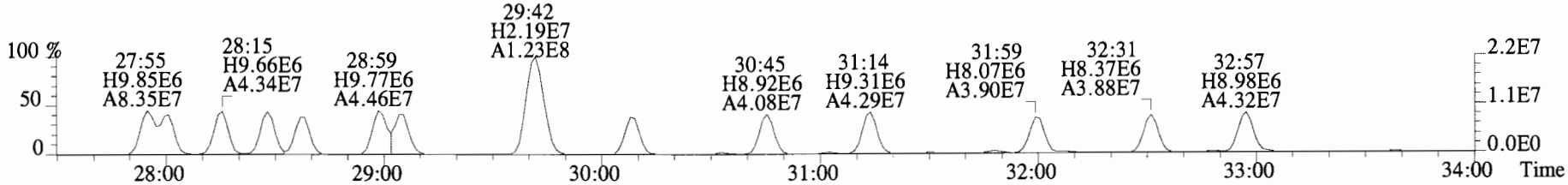
230.9856 S:4 F:2



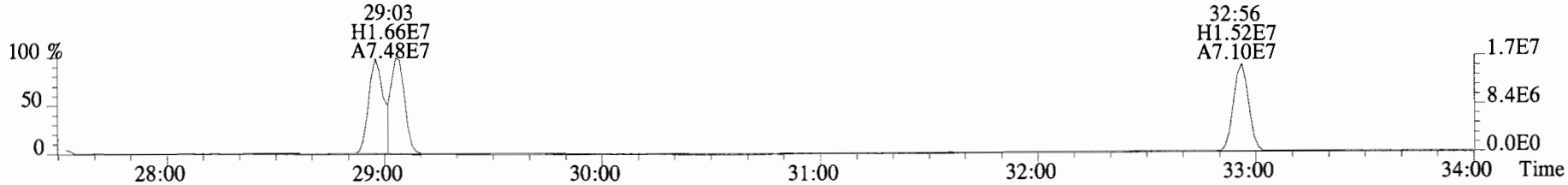
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13600.0,0.00%,F,F)



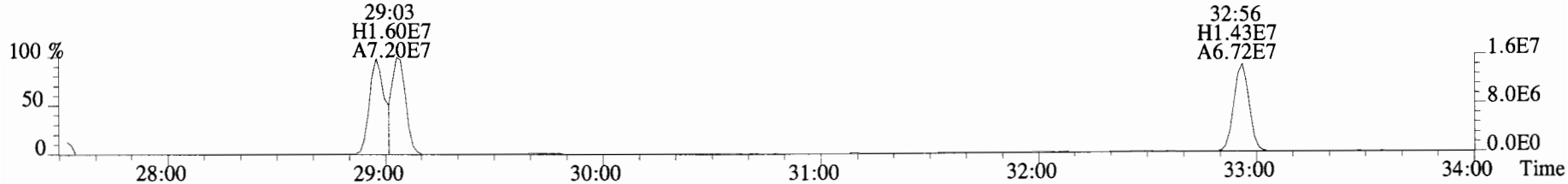
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13480.0,0.00%,F,F)



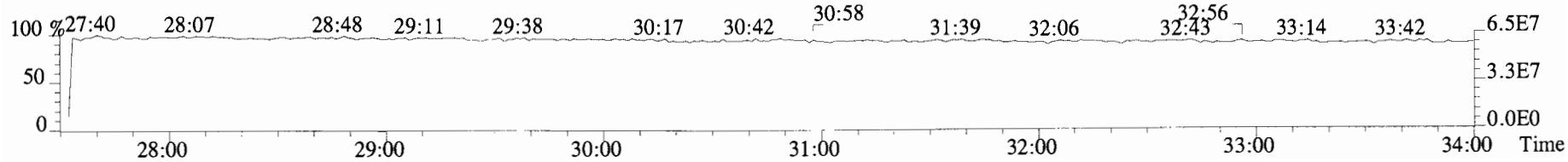
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81540.0,0.00%,F,F)



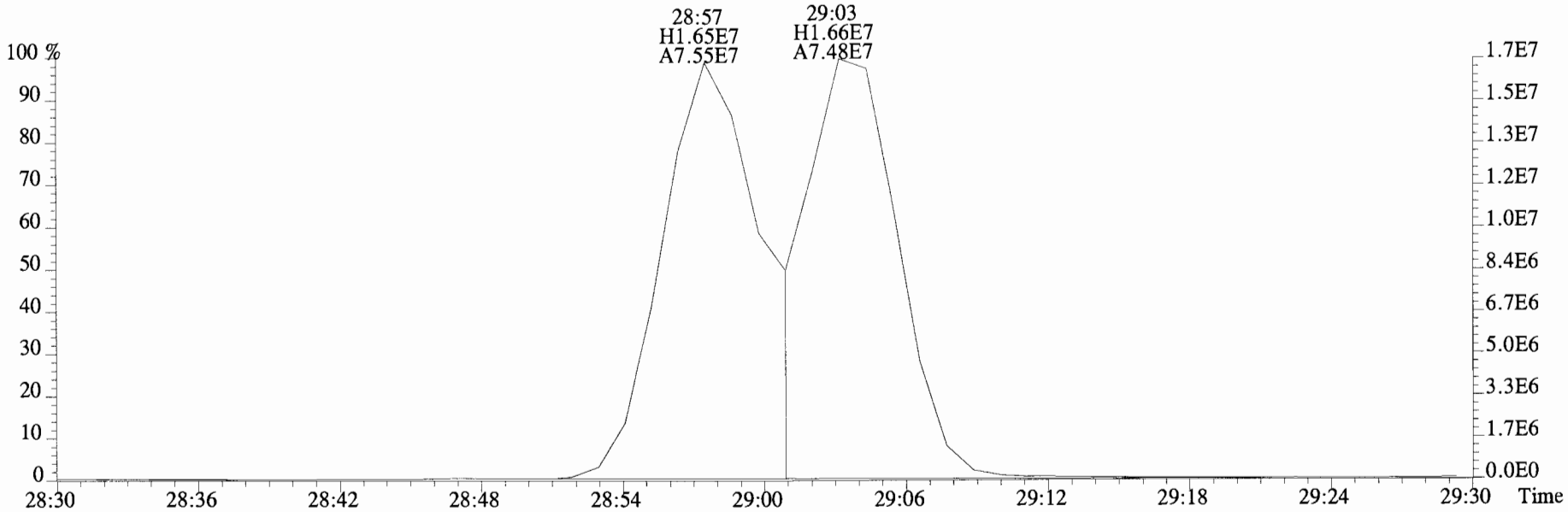
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45004.0,0.00%,F,F)



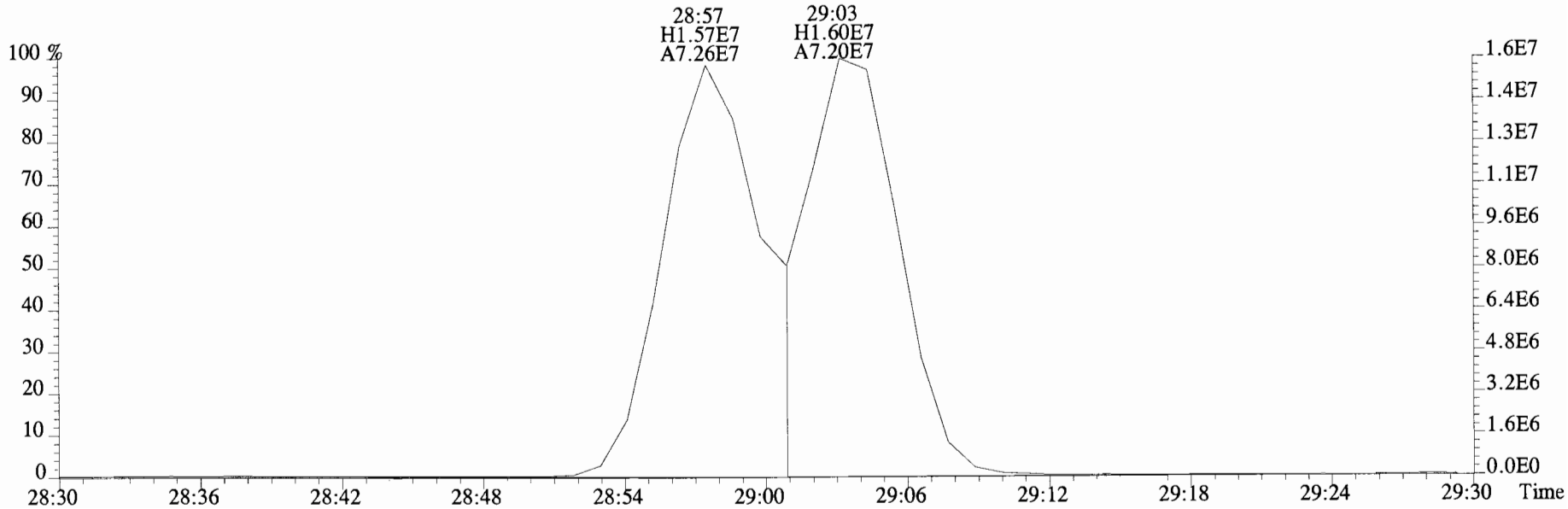
330.9792 S:4 F:3



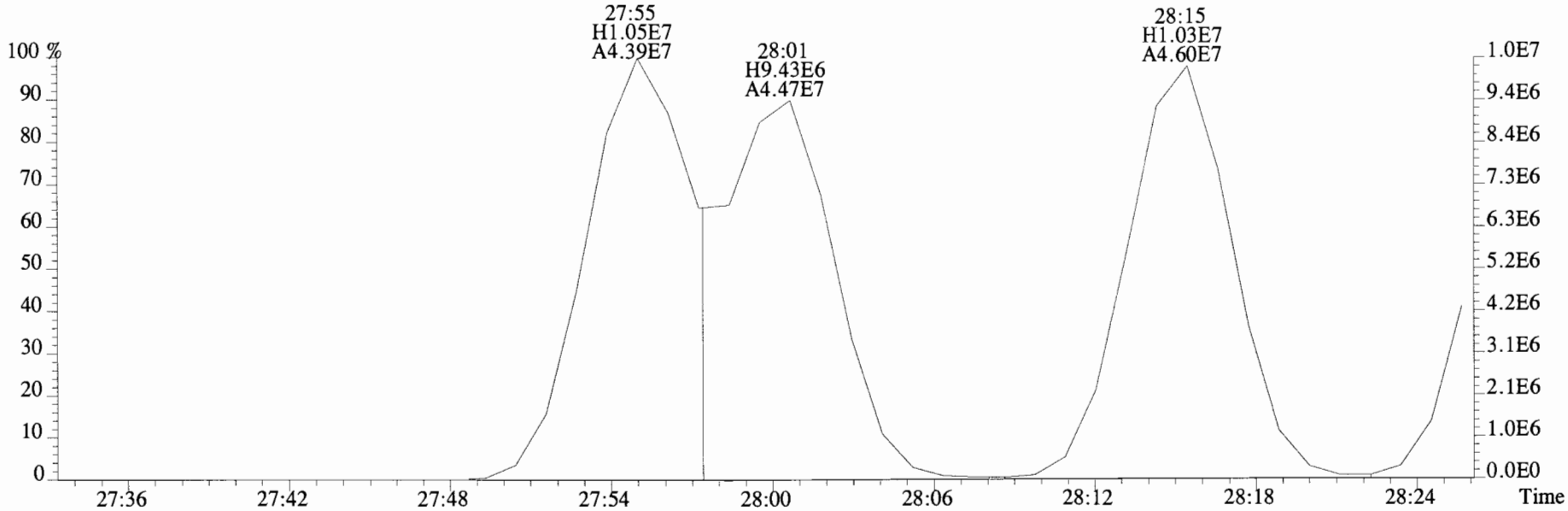
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
268.0016 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,81540.0,0.00%,F,F)



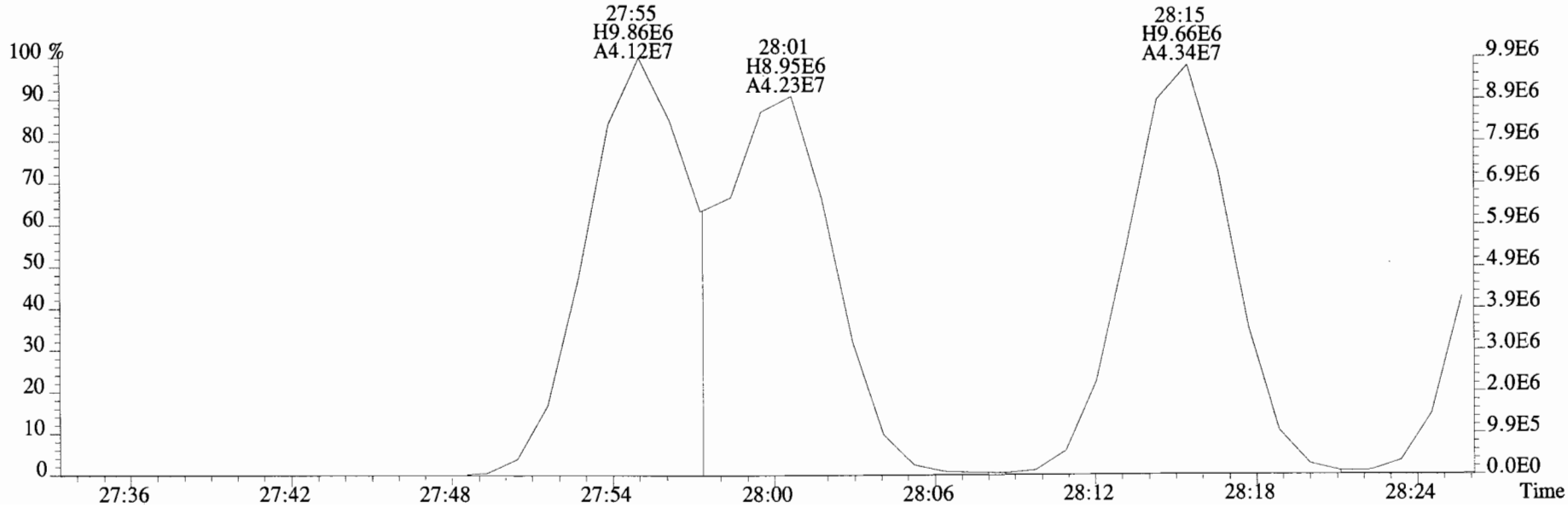
269.9986 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45004.0,0.00%,F,F)



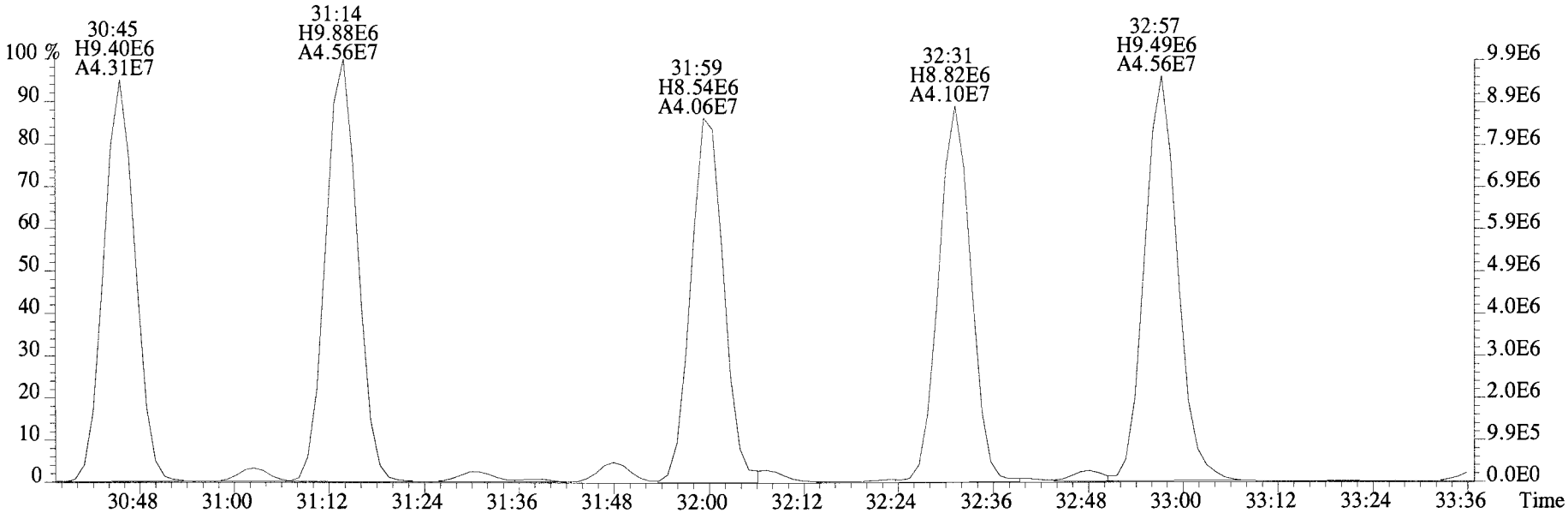
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13600.0,0.00%,F,F)



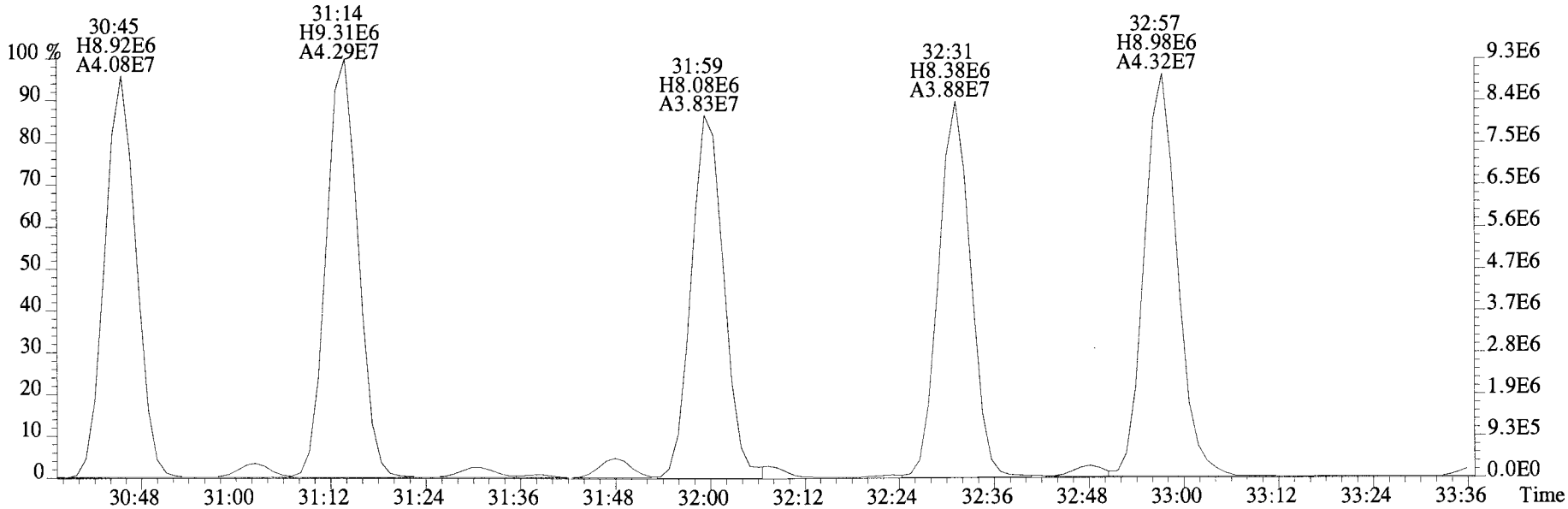
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13480.0,0.00%,F,F)



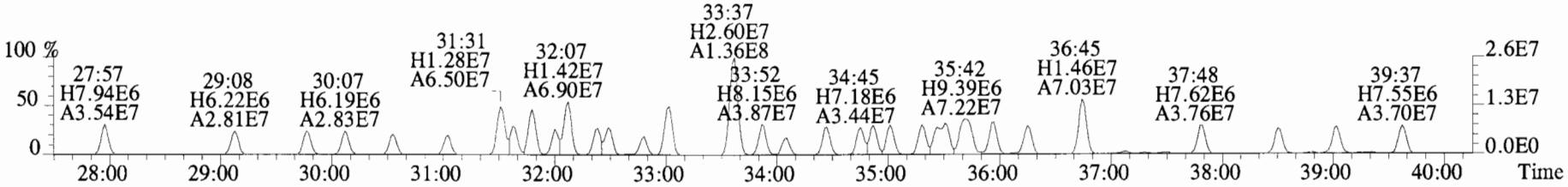
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
255.9613 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13600.0,0.00%,F,F)



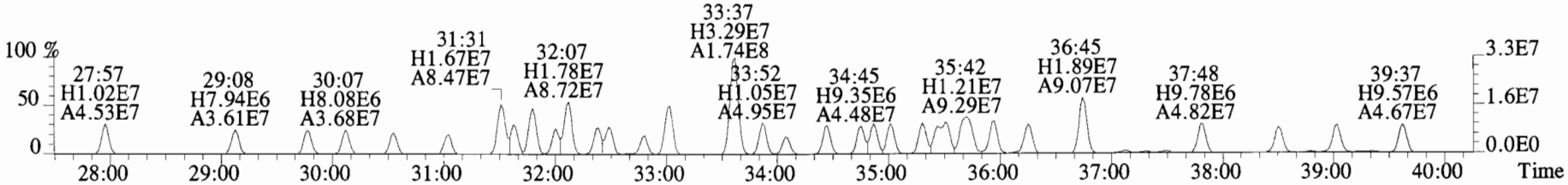
257.9584 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13480.0,0.00%,F,F)



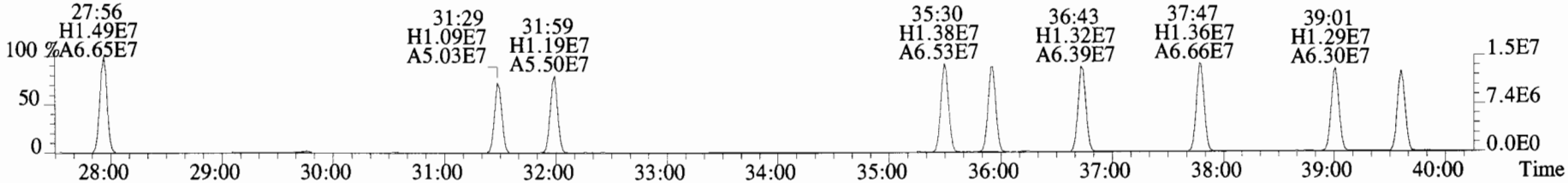
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



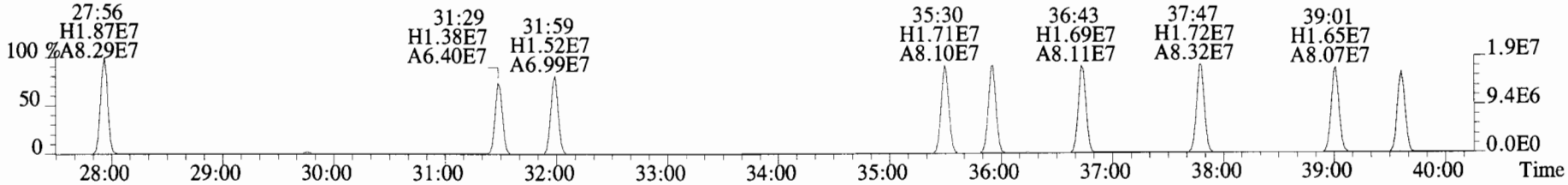
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



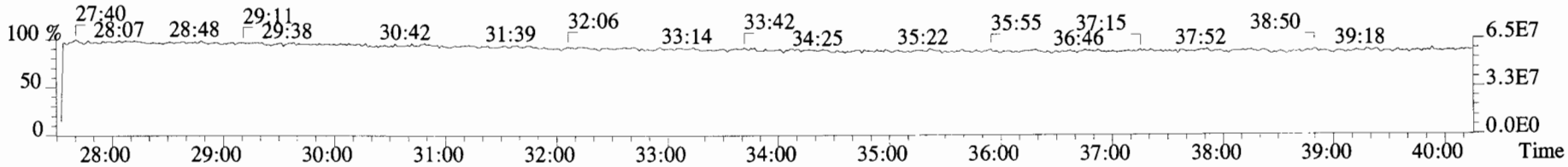
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



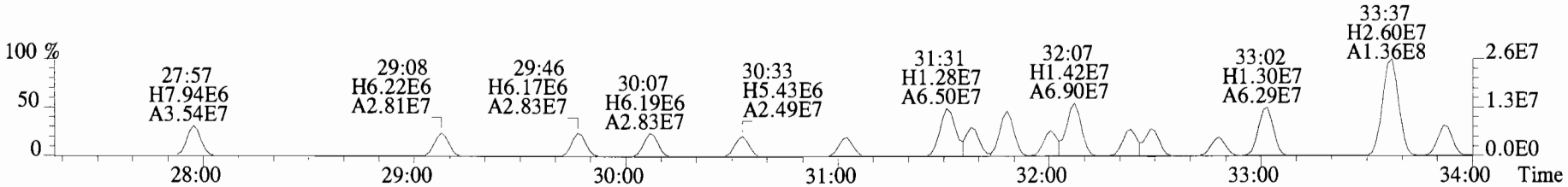
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



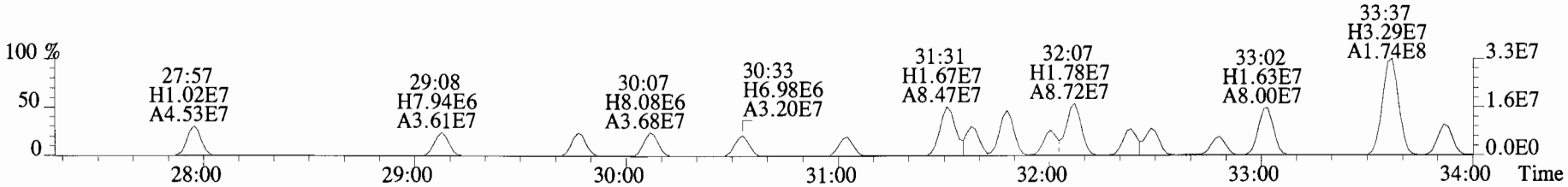
330.9792 S:4 F:3



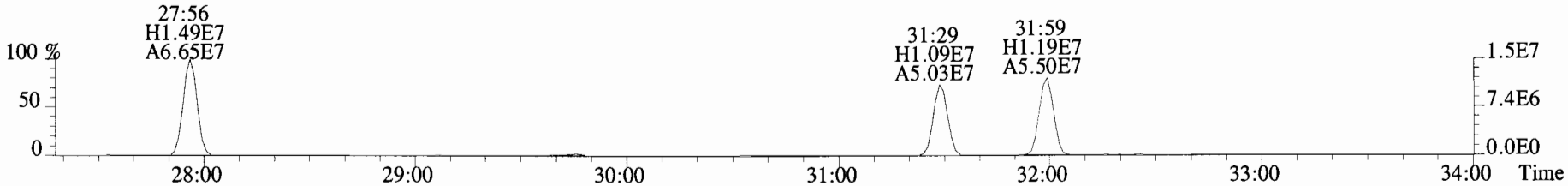
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



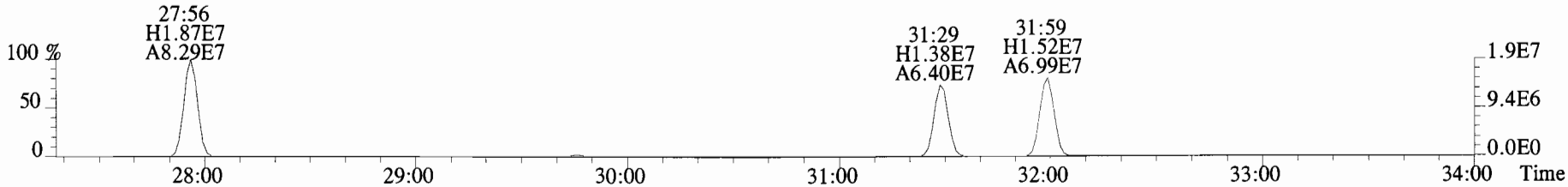
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



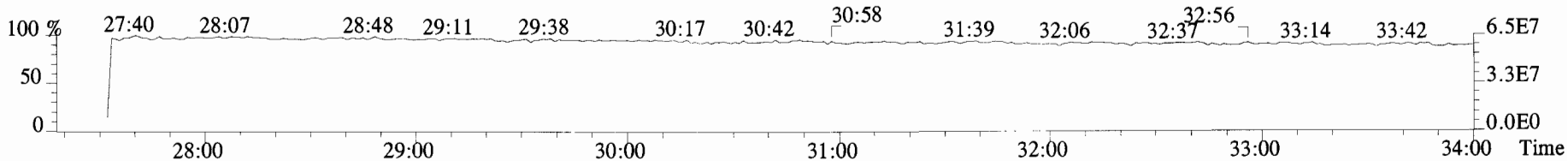
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



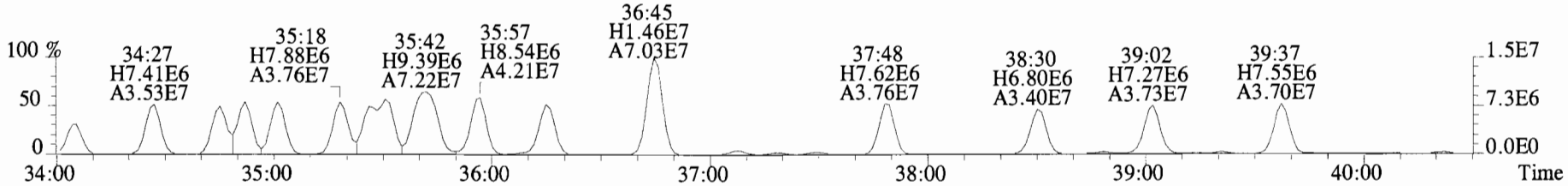
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



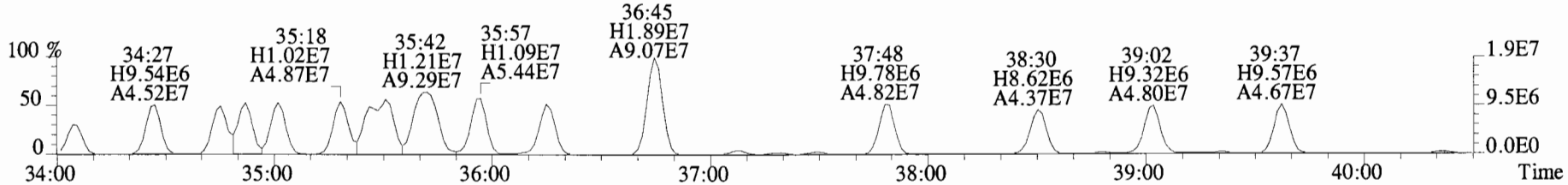
330.9792 S:4 F:3



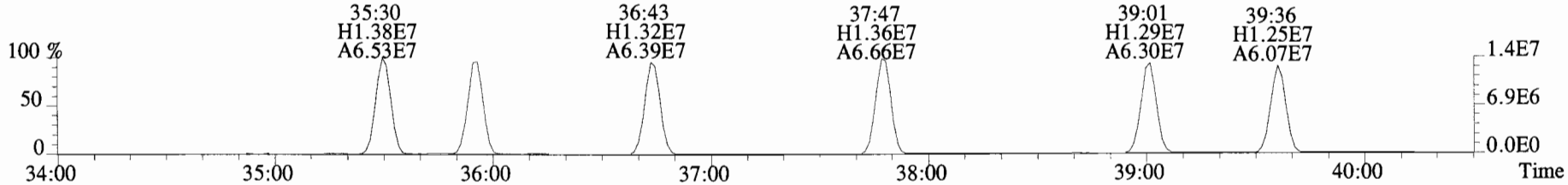
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



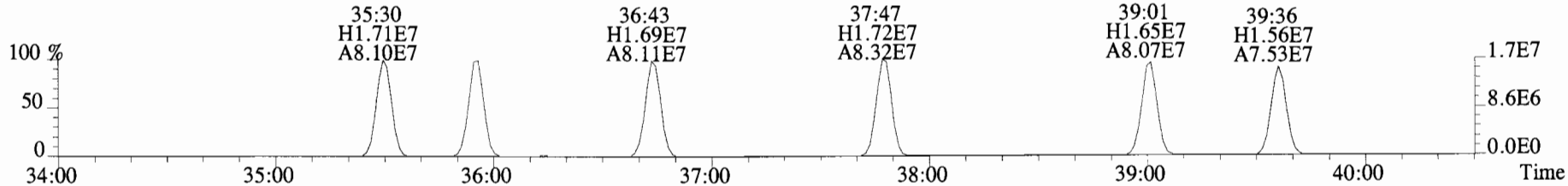
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



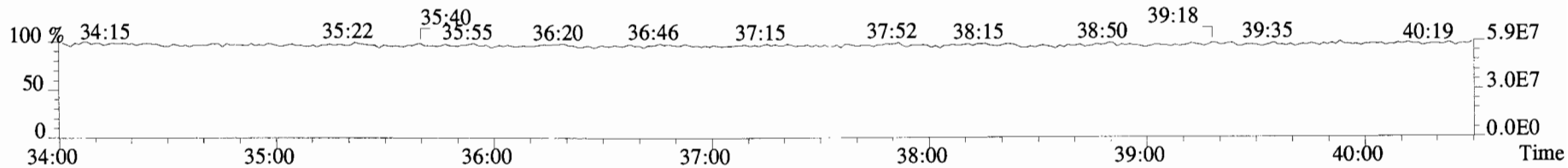
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



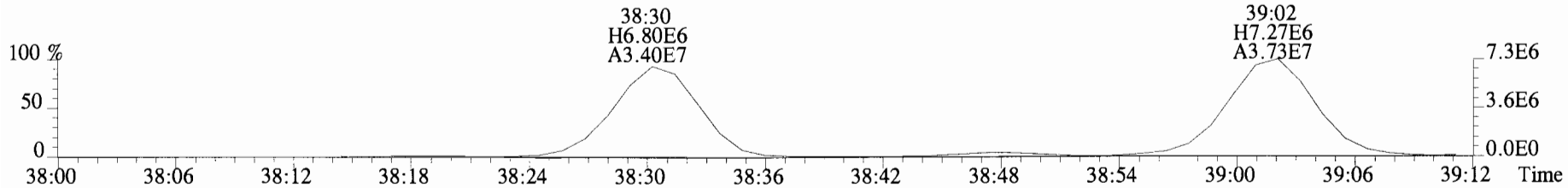
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



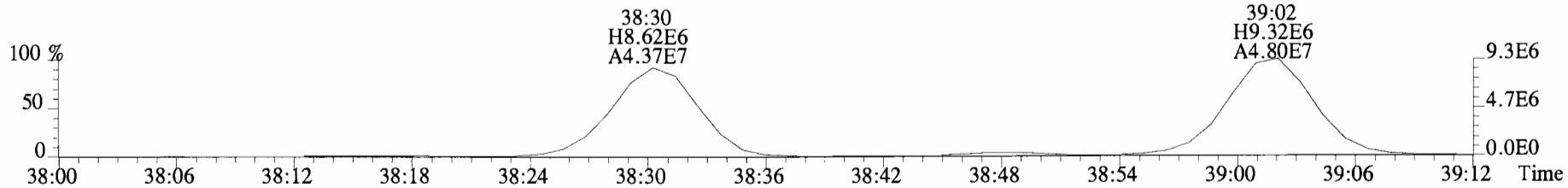
330.9792 S:4 F:3



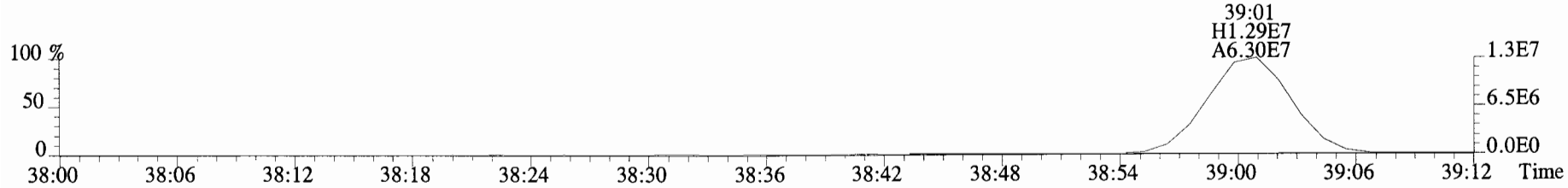
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
289.9224 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24348.0,0.00%,F,F)



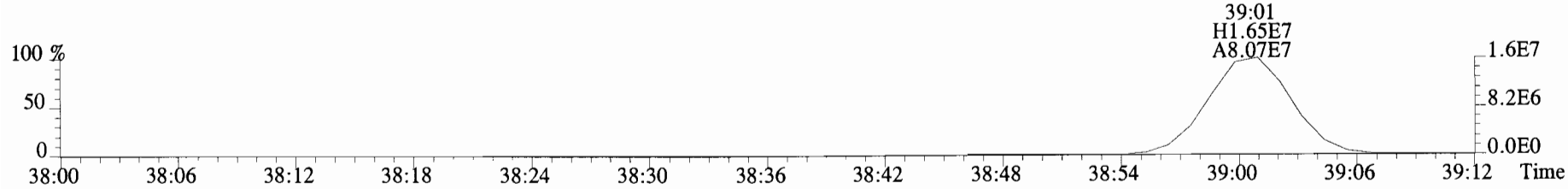
291.9194 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32156.0,0.00%,F,F)



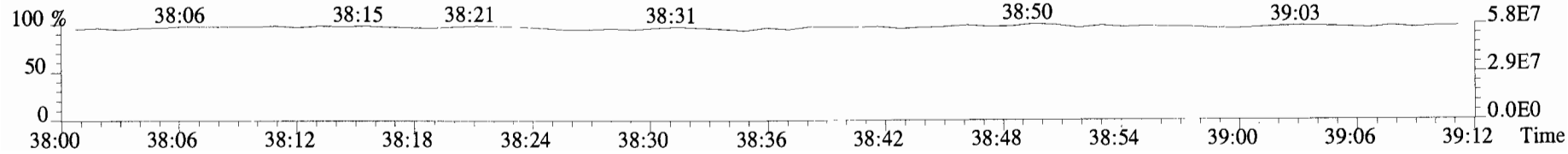
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



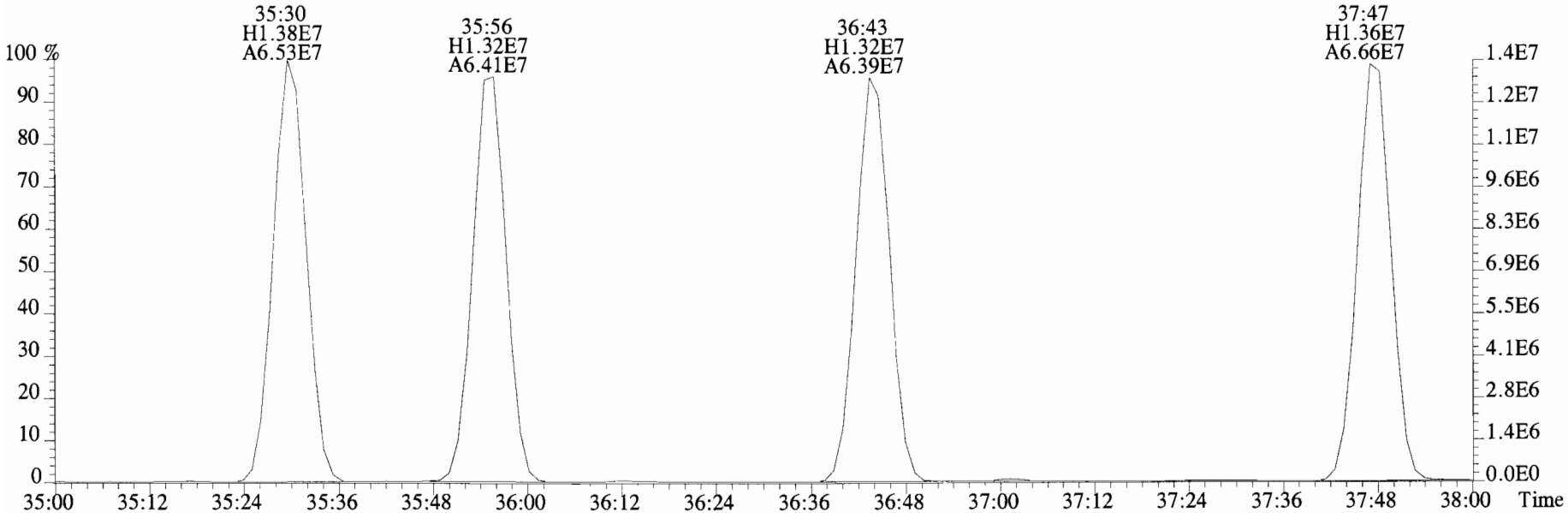
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



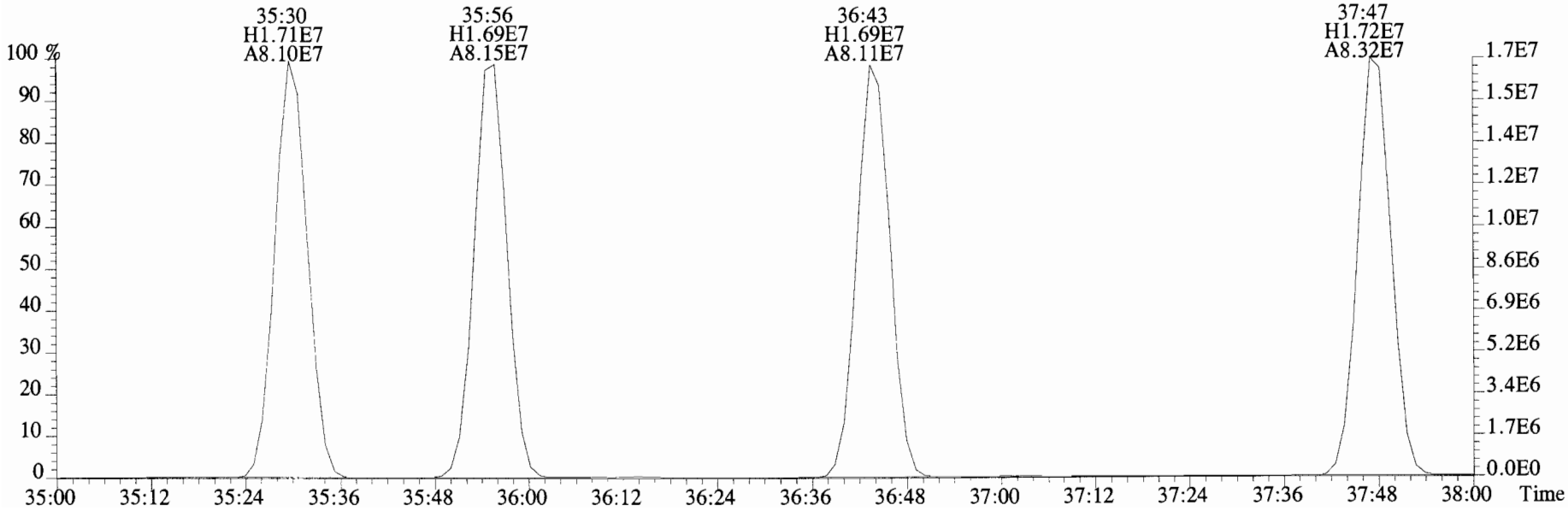
330.9792 S:4 F:3



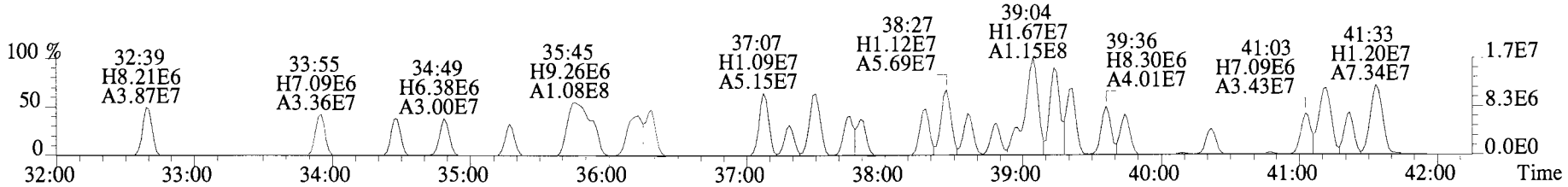
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
301.9626 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38796.0,0.00%,F,F)



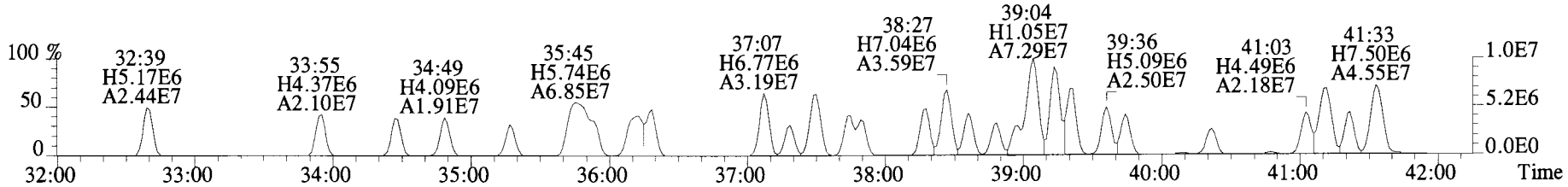
303.9597 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21656.0,0.00%,F,F)



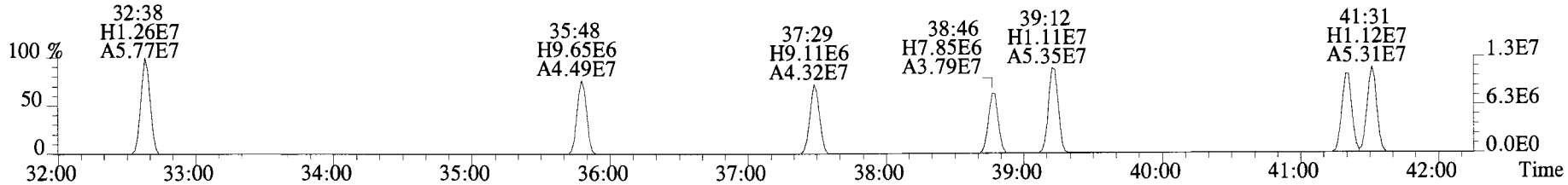
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



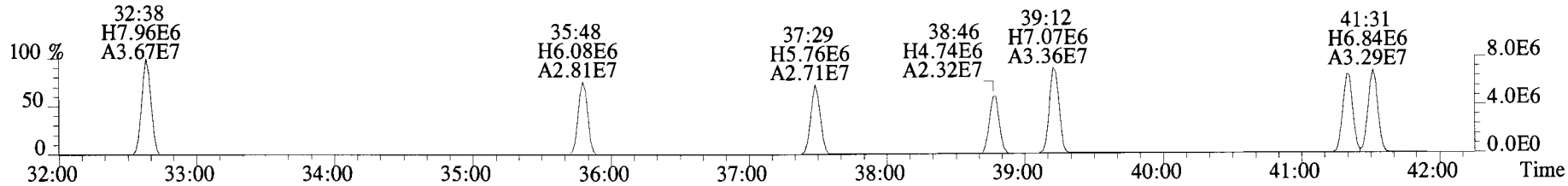
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



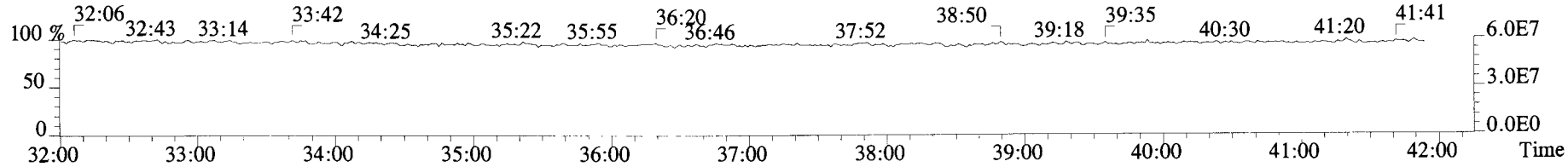
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



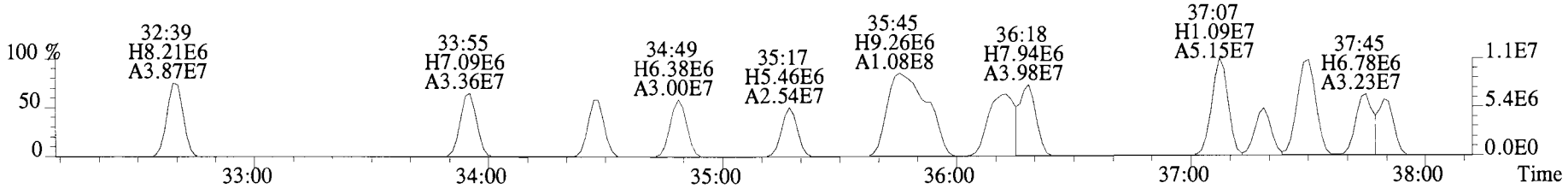
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



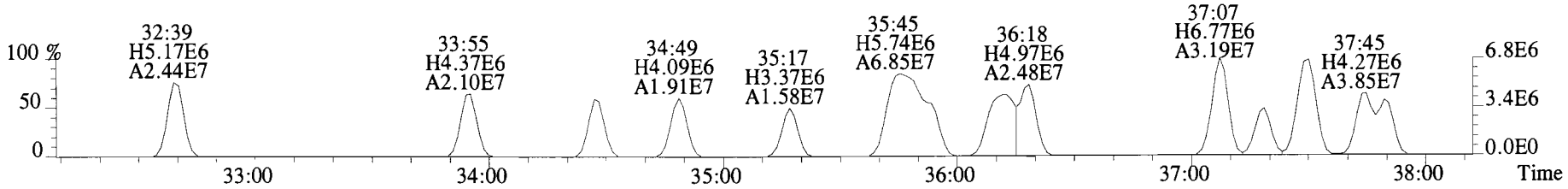
330.9792 S:4 F:3



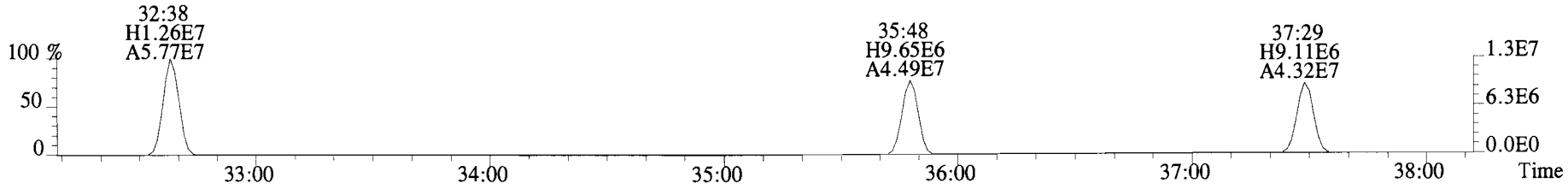
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



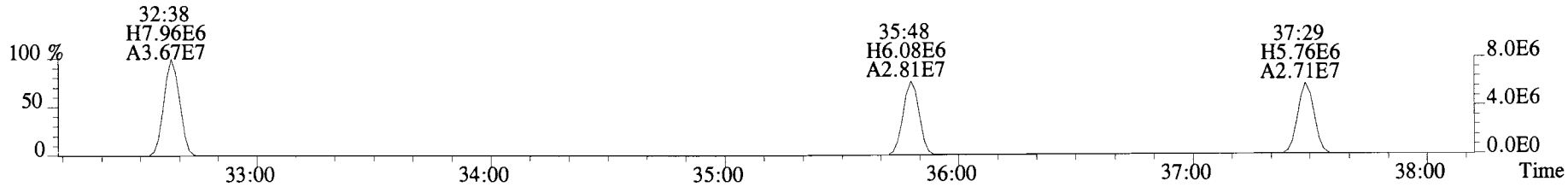
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



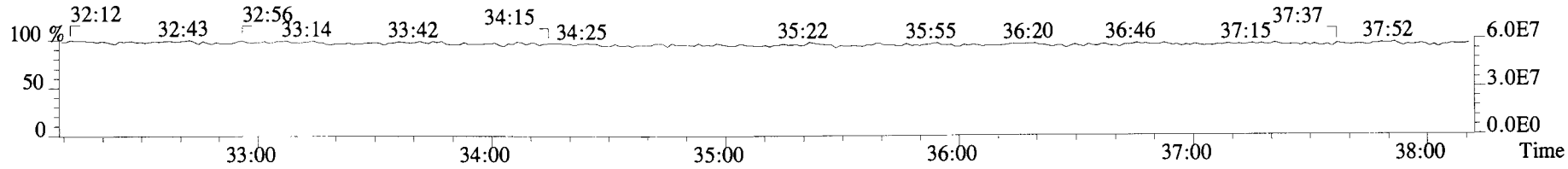
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



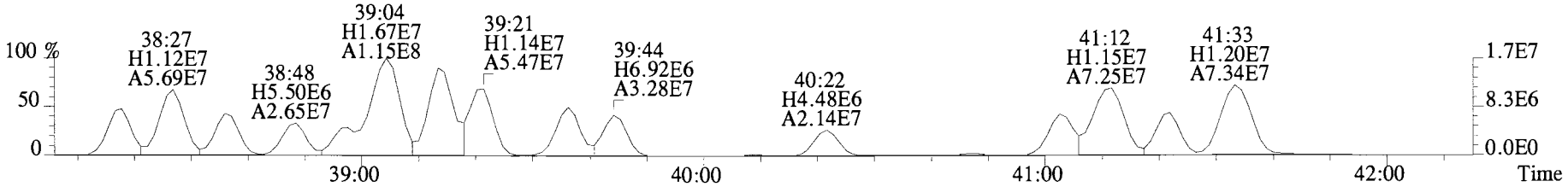
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



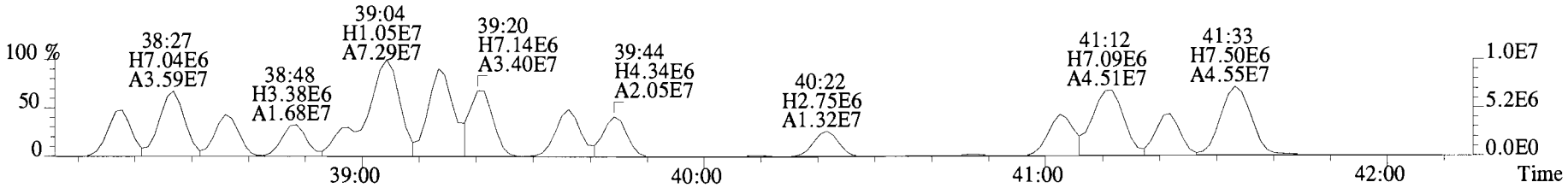
330.9792 S:4 F:3



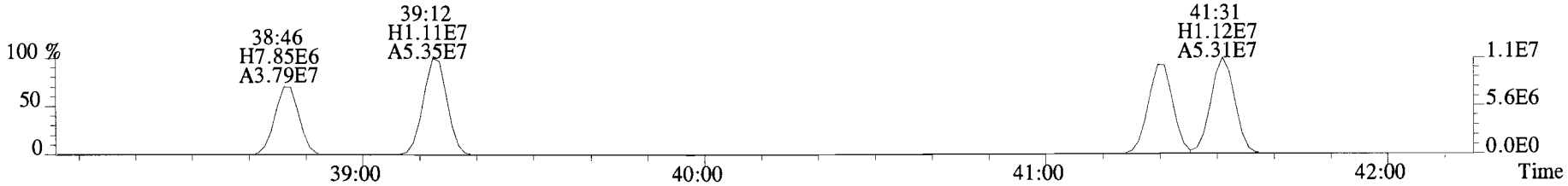
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



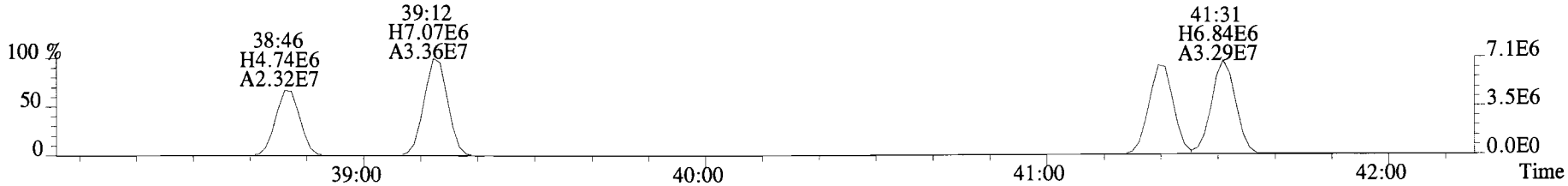
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



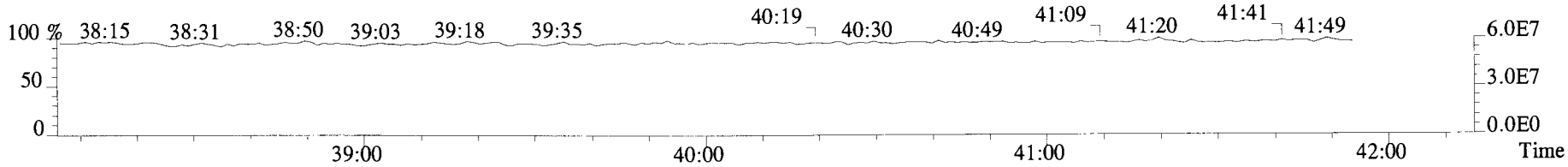
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



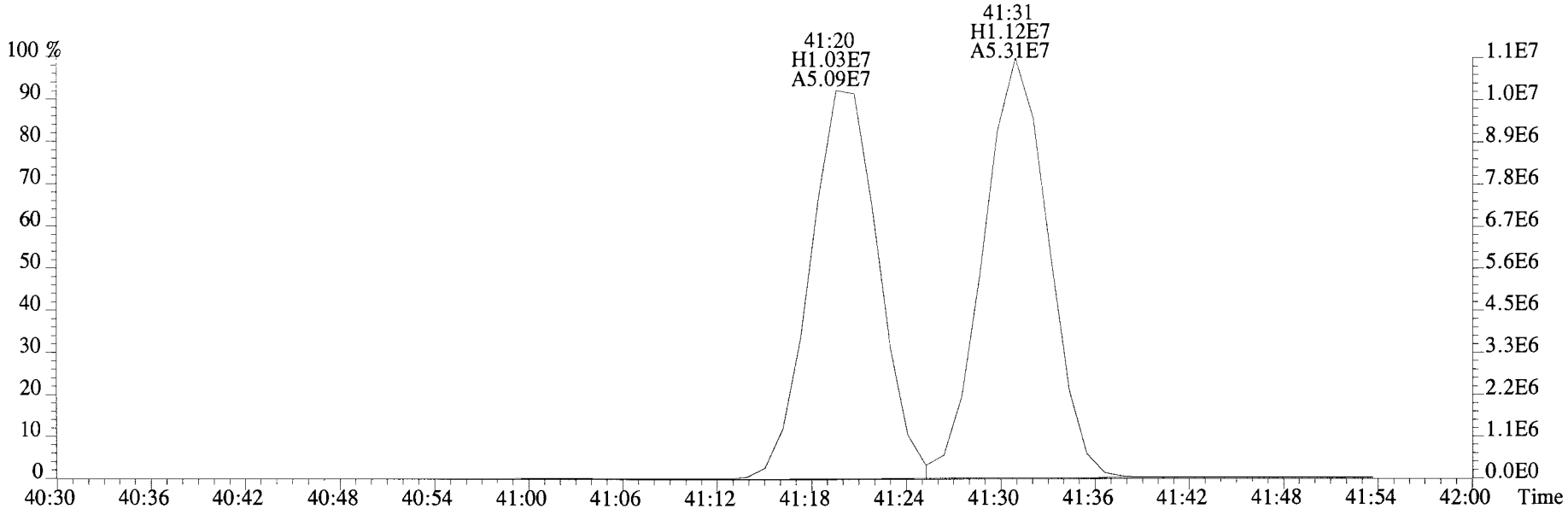
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



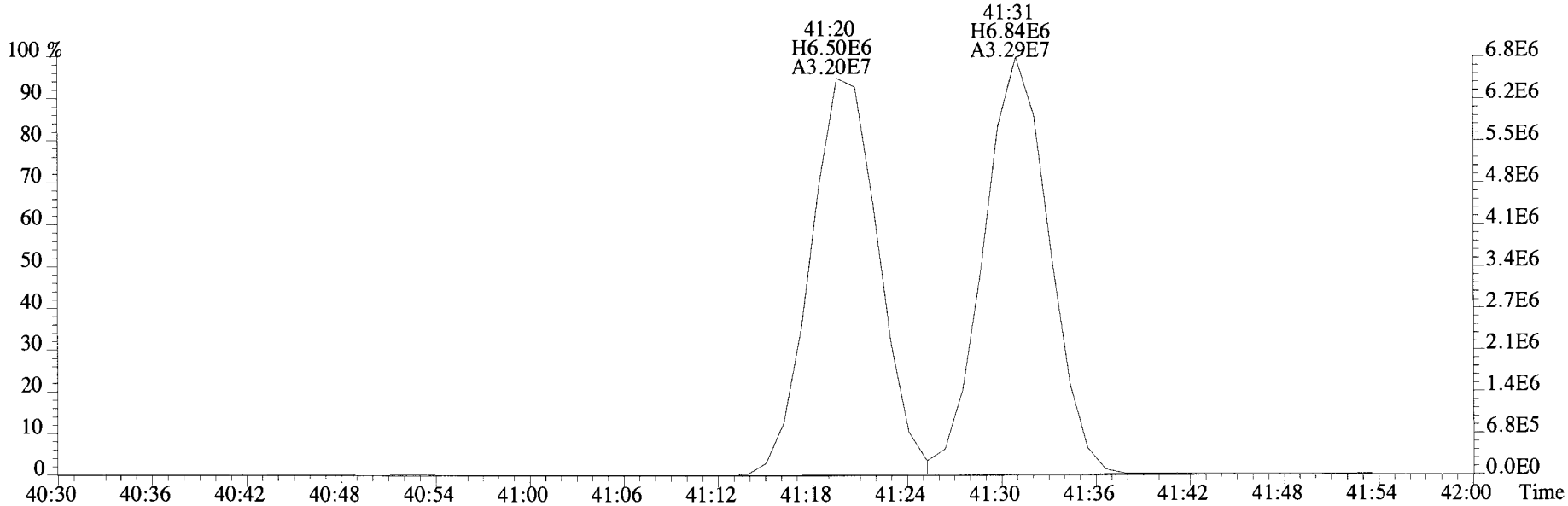
330.9792 S:4 F:3



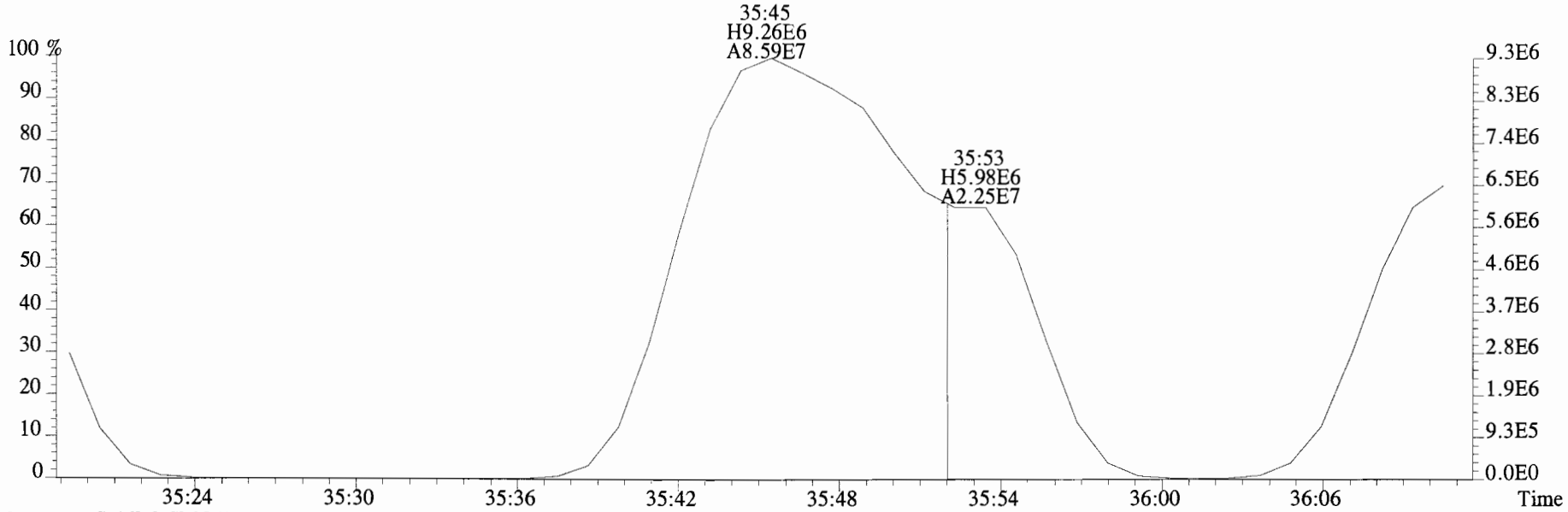
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
337.9207 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4164.0,0.00%,F,F)



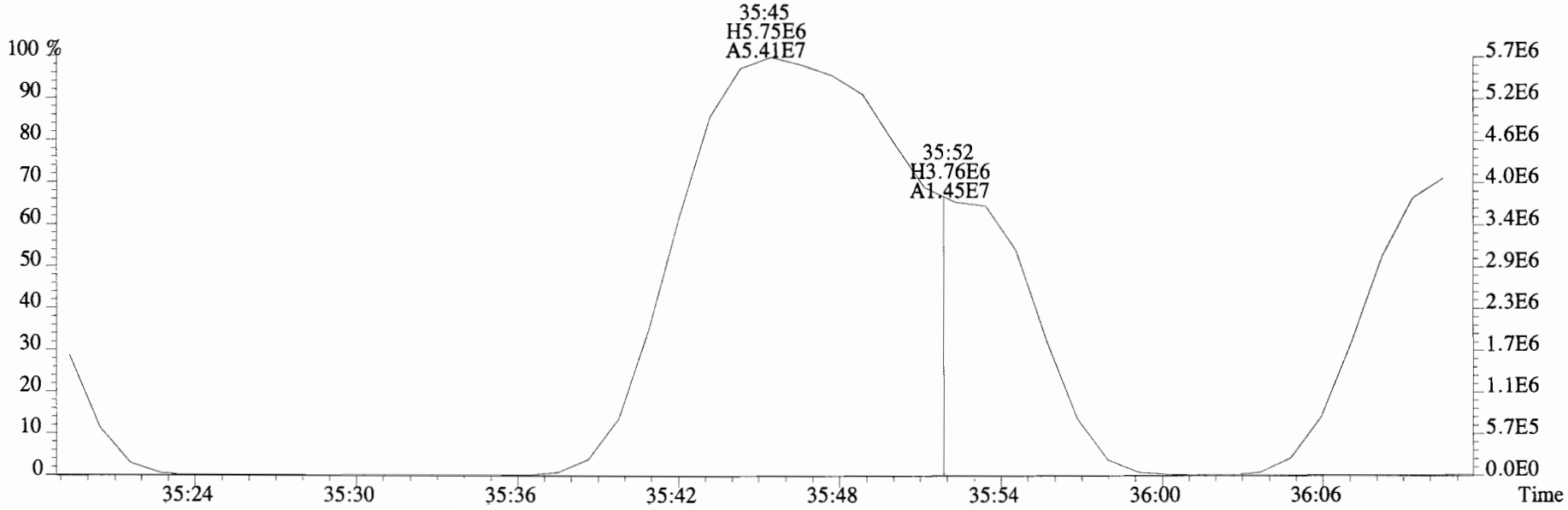
339.9177 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3480.0,0.00%,F,F)



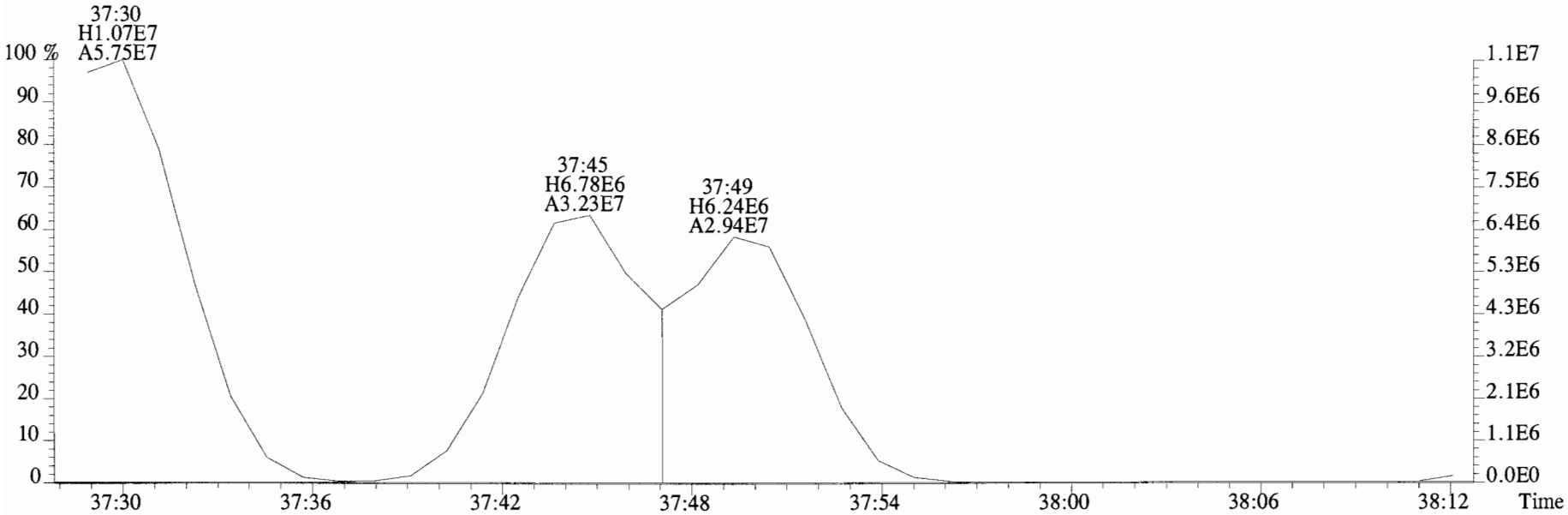
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



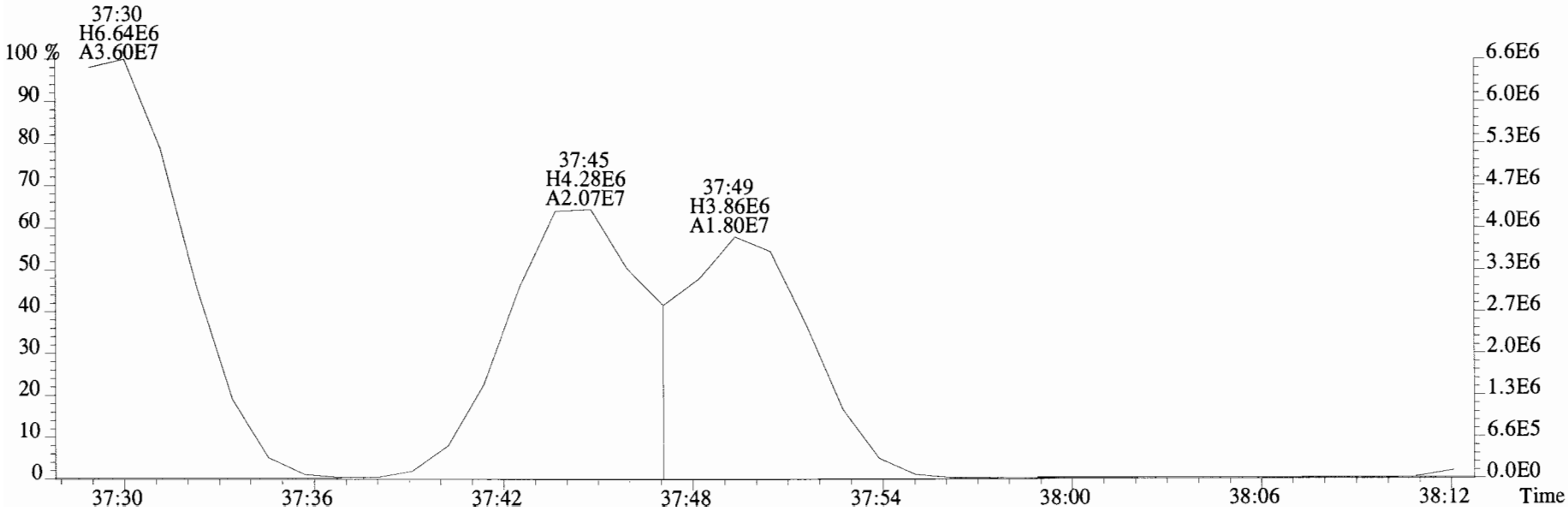
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



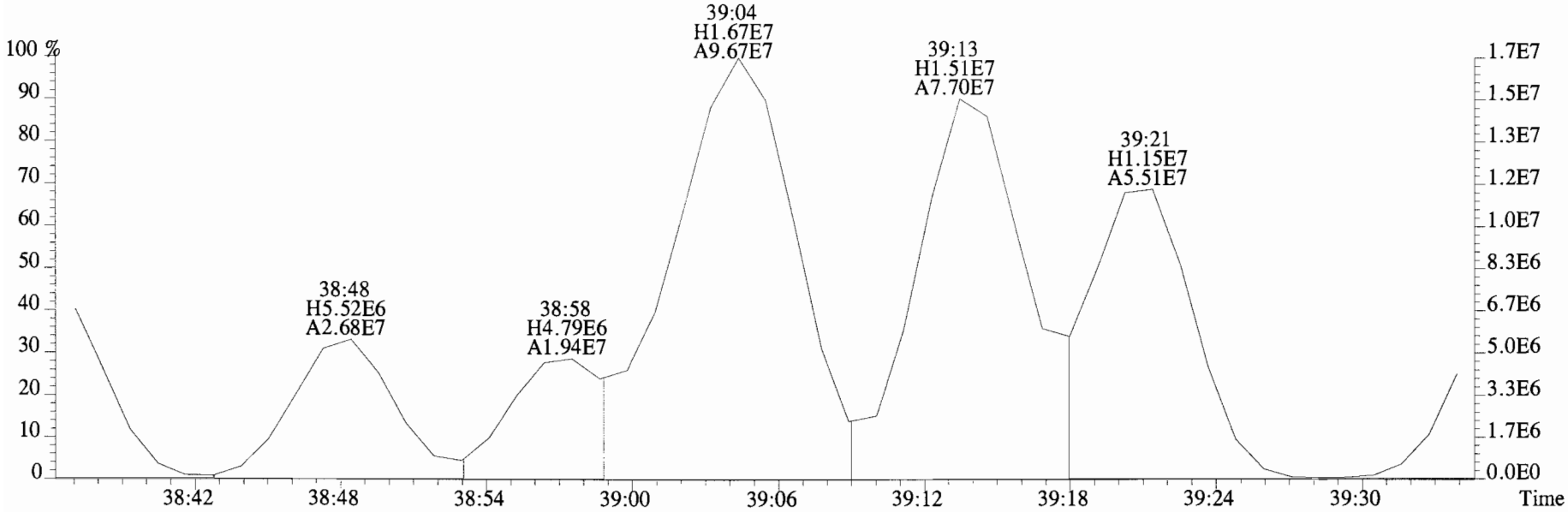
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



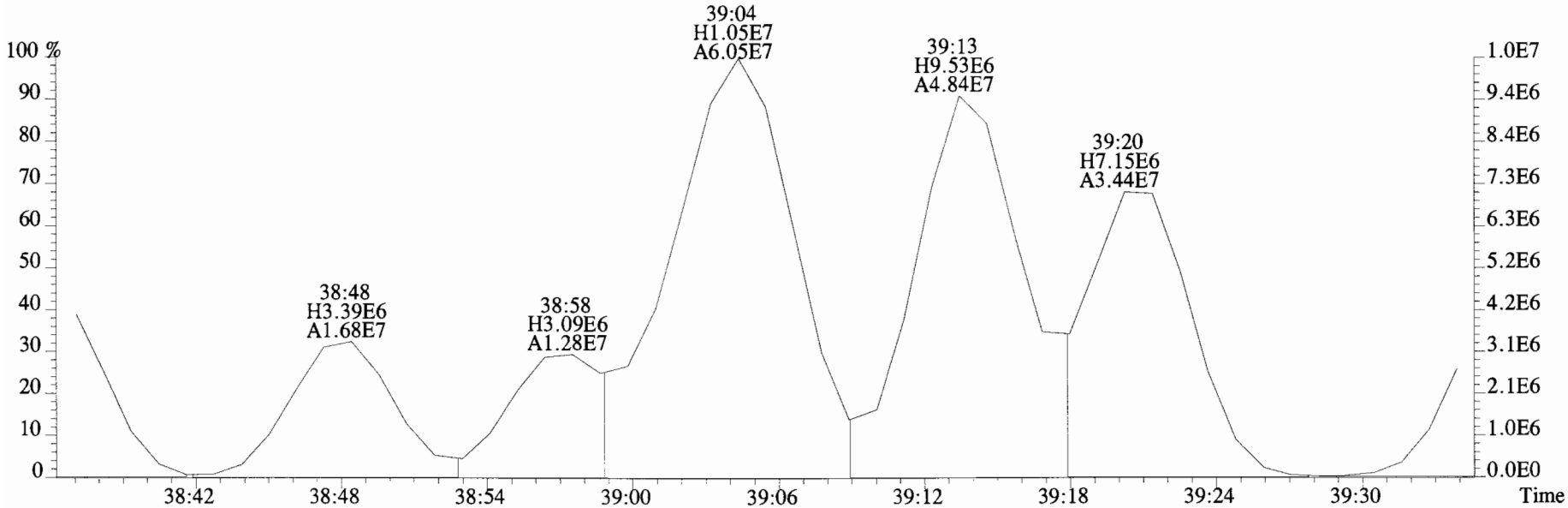
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



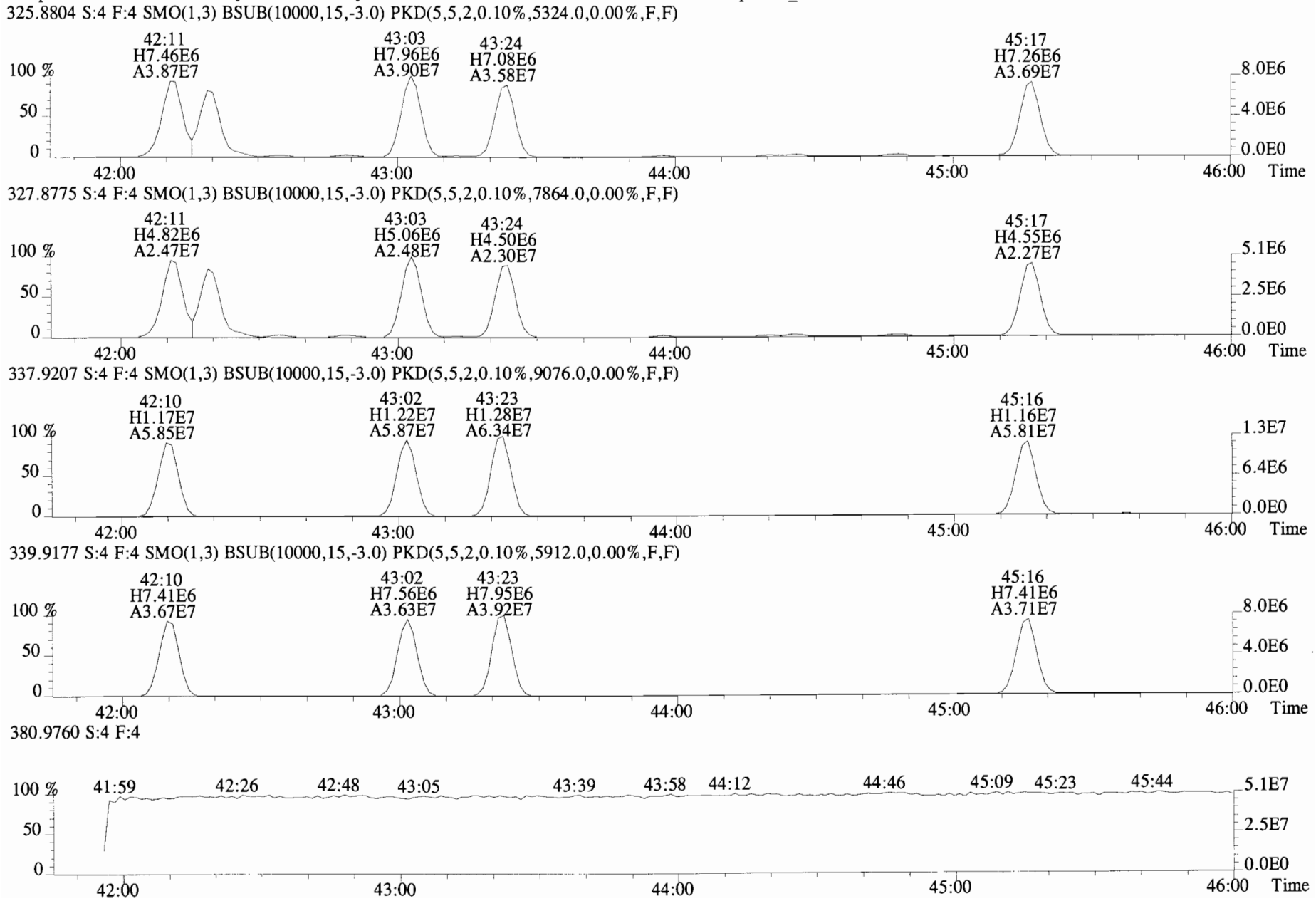
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1856.0,0.00%,F,F)



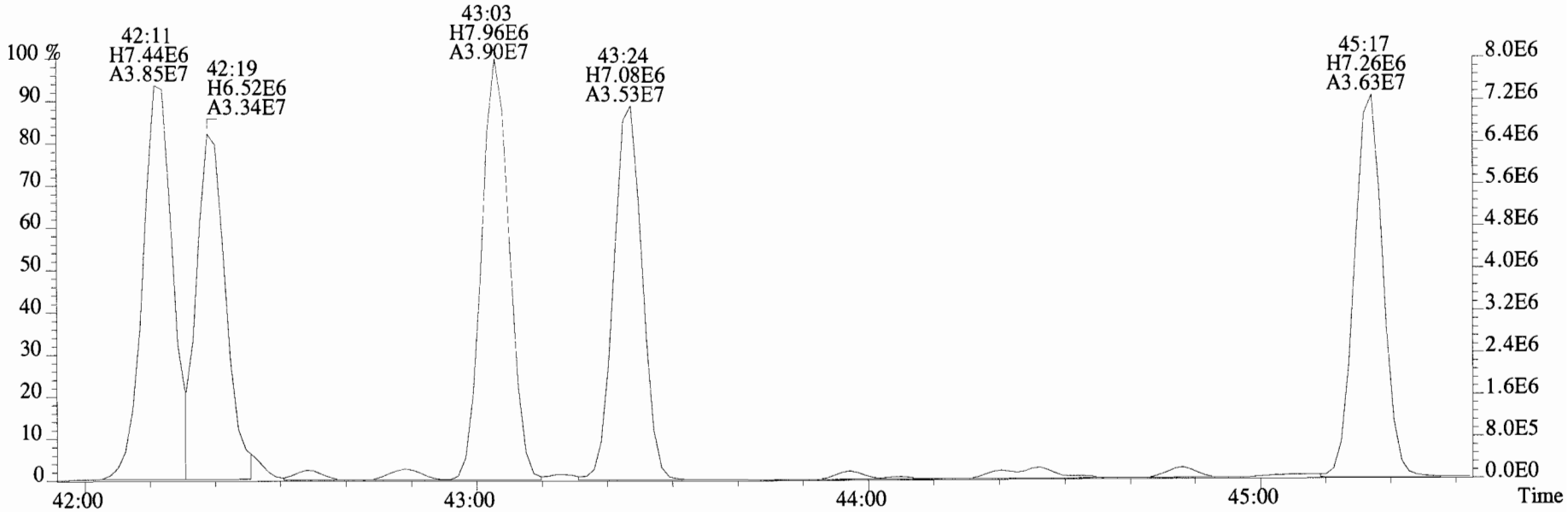
327.8775 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1740.0,0.00%,F,F)



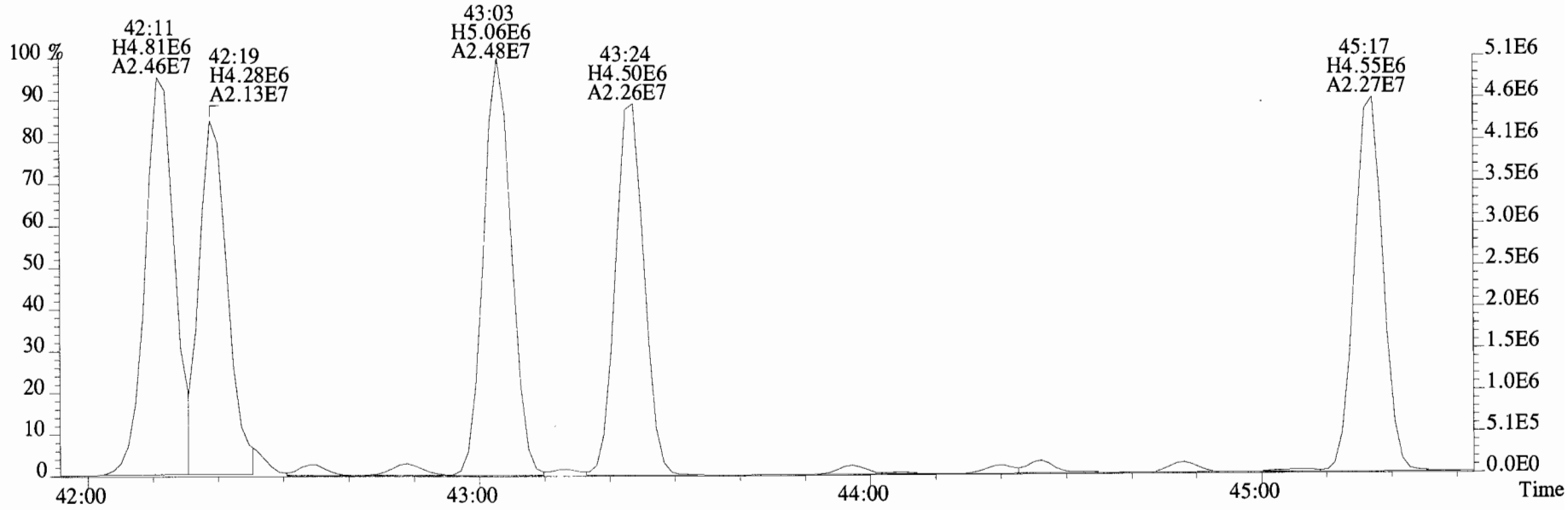
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1



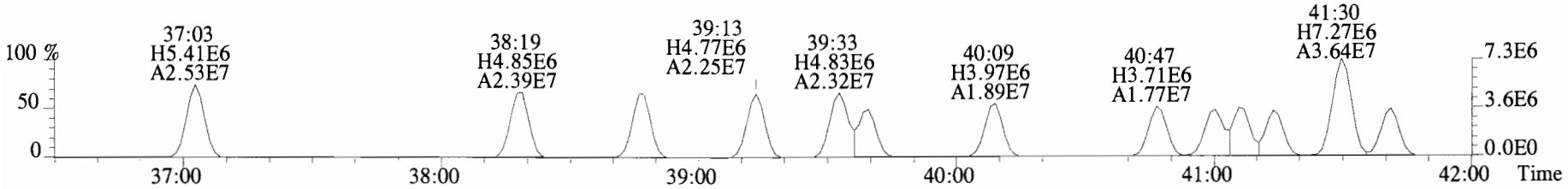
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
325.8804 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5324.0,0.00%,F,F)



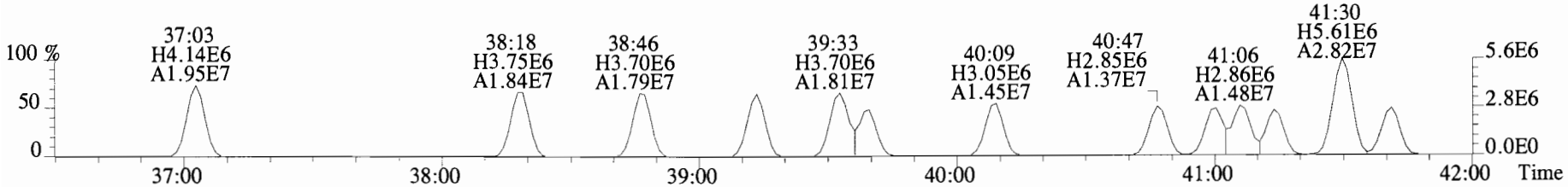
327.8775 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7864.0,0.00%,F,F)



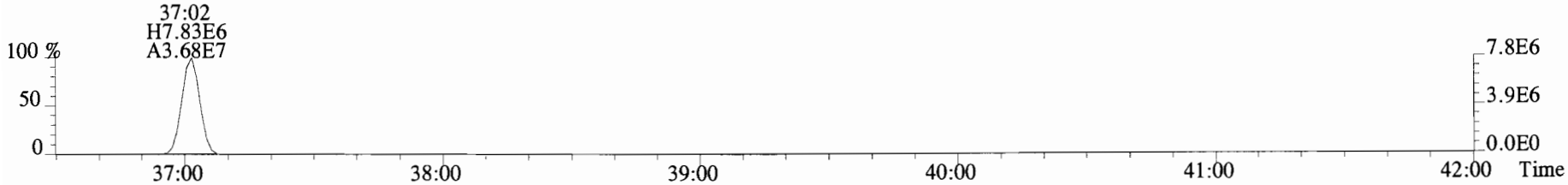
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



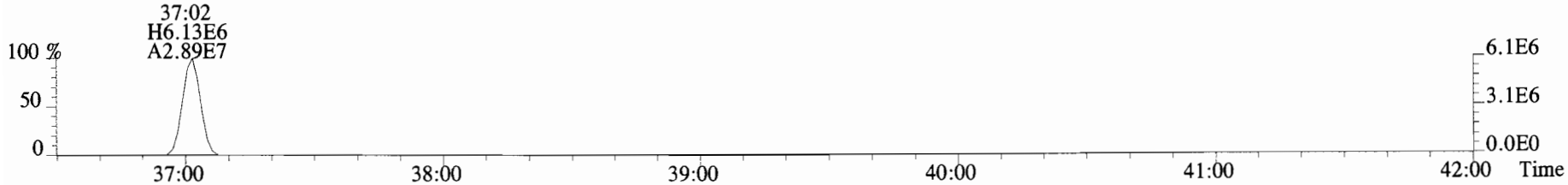
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



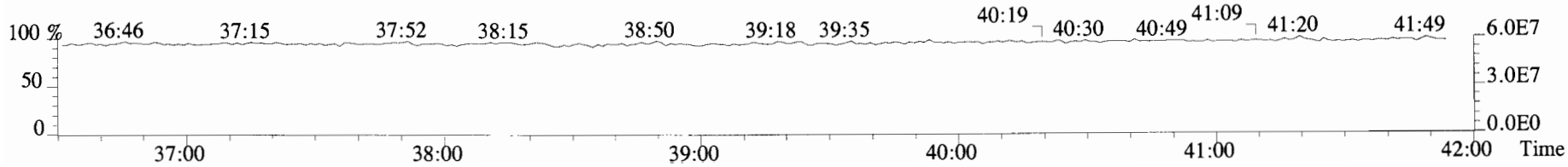
371.8817 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2116.0,0.00%,F,F)



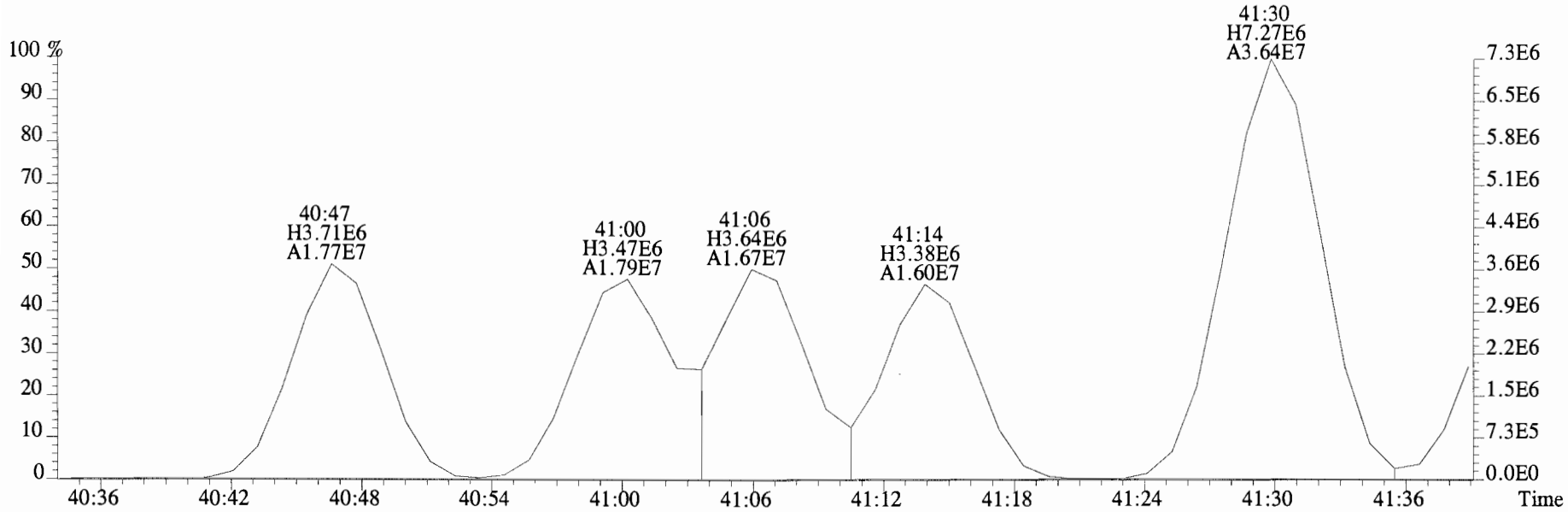
373.8788 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2084.0,0.00%,F,F)



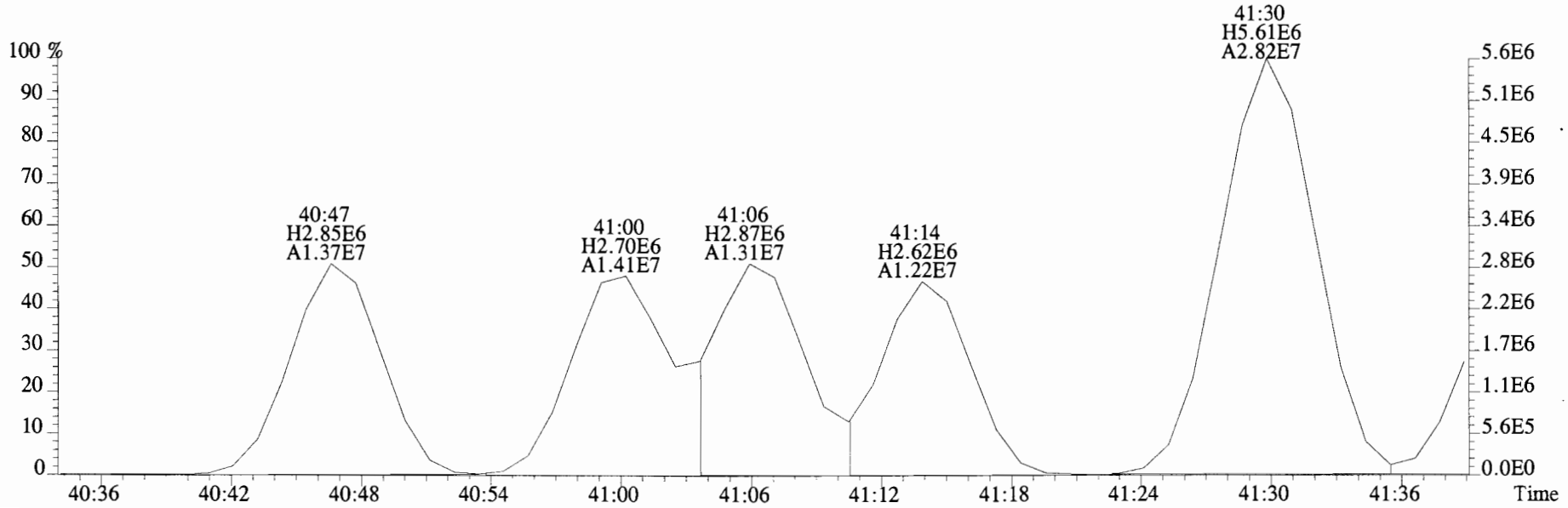
330.9792 S:4 F:3



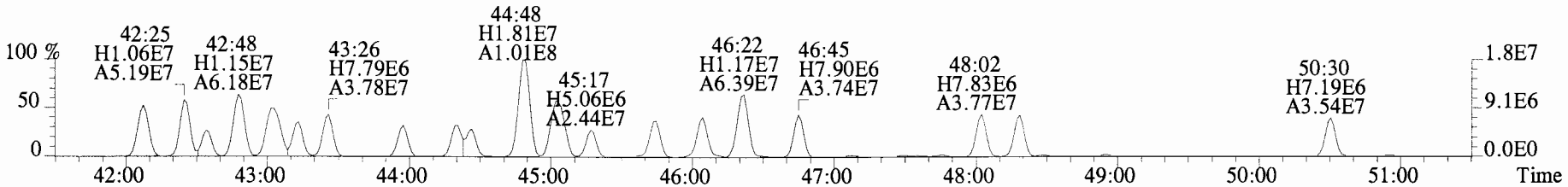
File:171027E1 #1-759 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1848.0,0.00%,F,F)



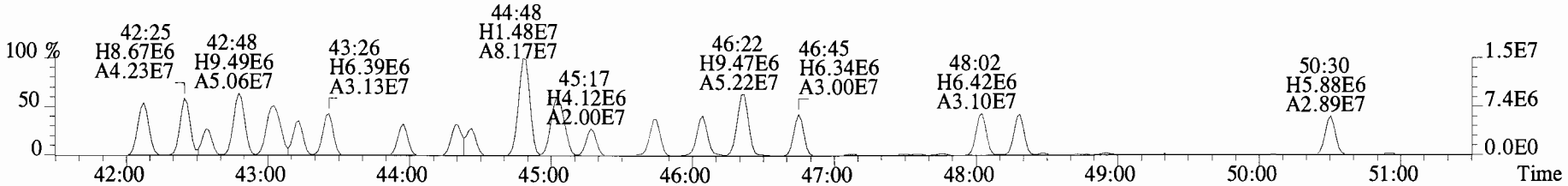
361.8385 S:4 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1576.0,0.00%,F,F)



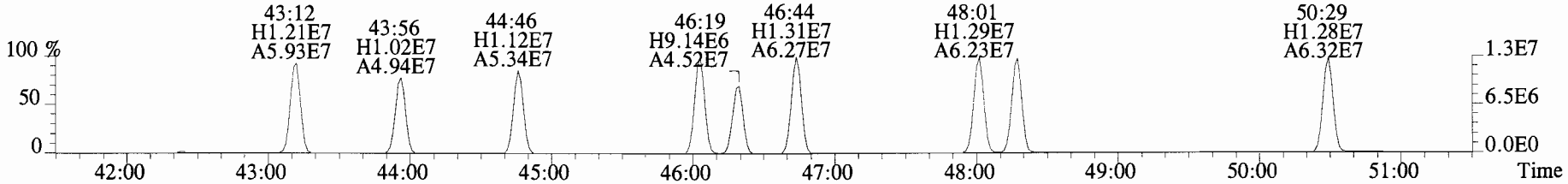
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36768.0,0.00%,F,F)



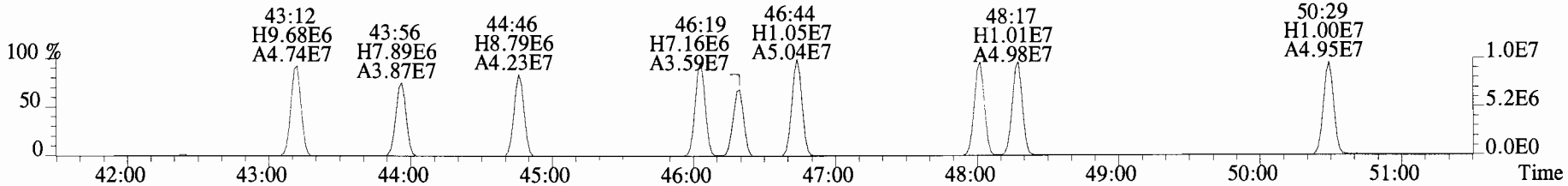
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28188.0,0.00%,F,F)



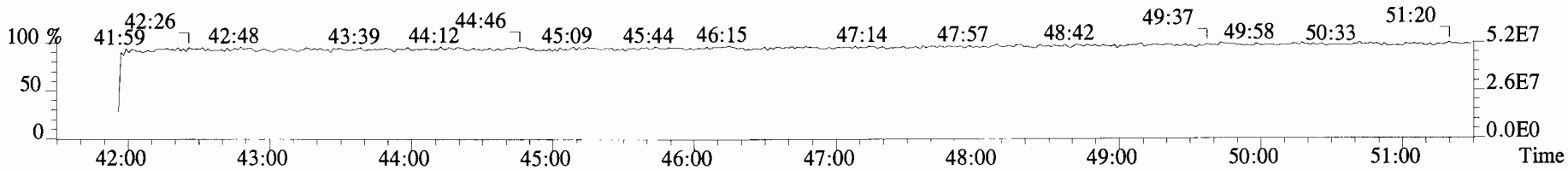
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13340.0,0.00%,F,F)



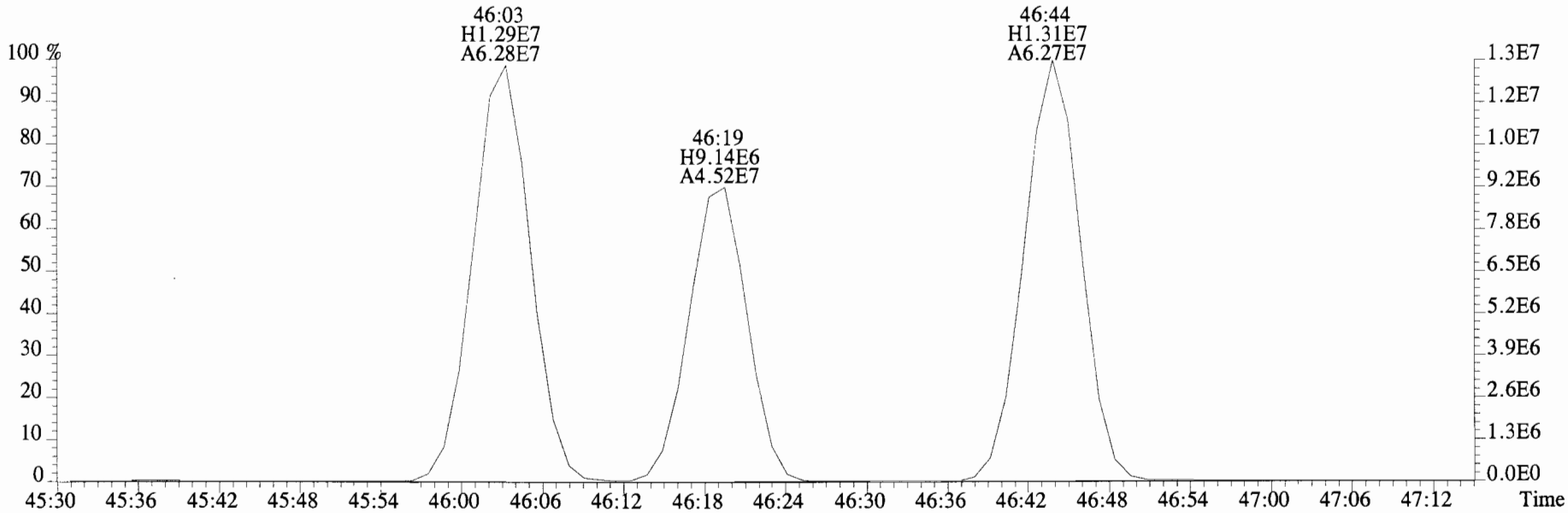
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14152.0,0.00%,F,F)



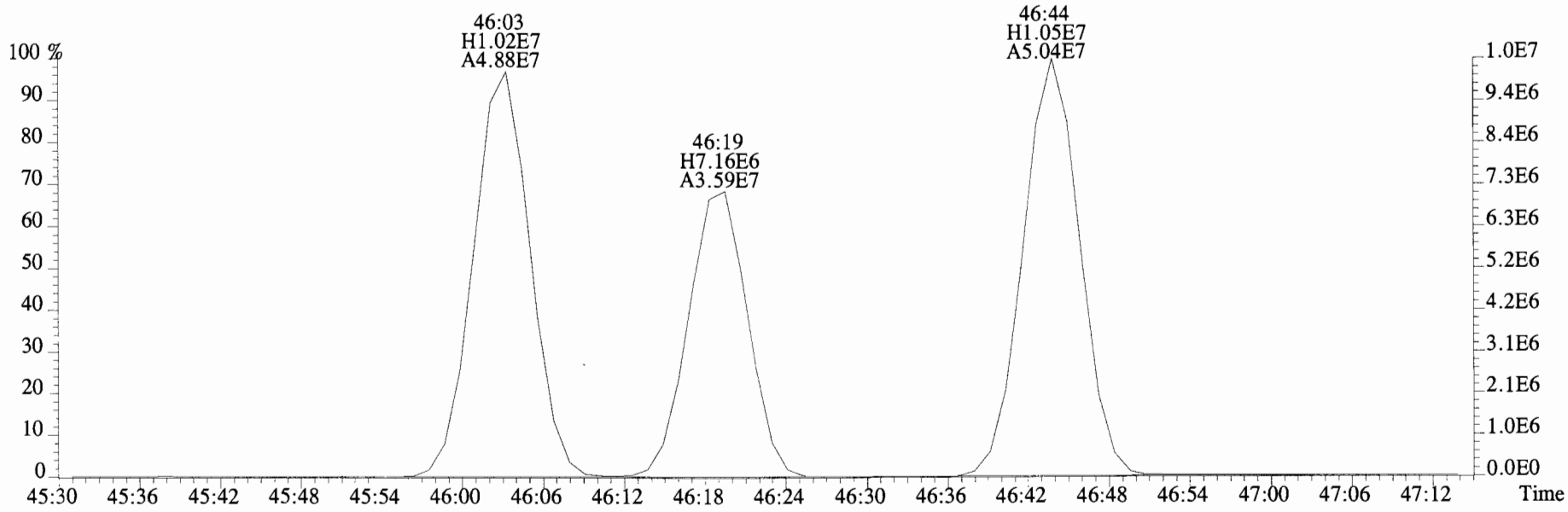
380.9760 S:4 F:4



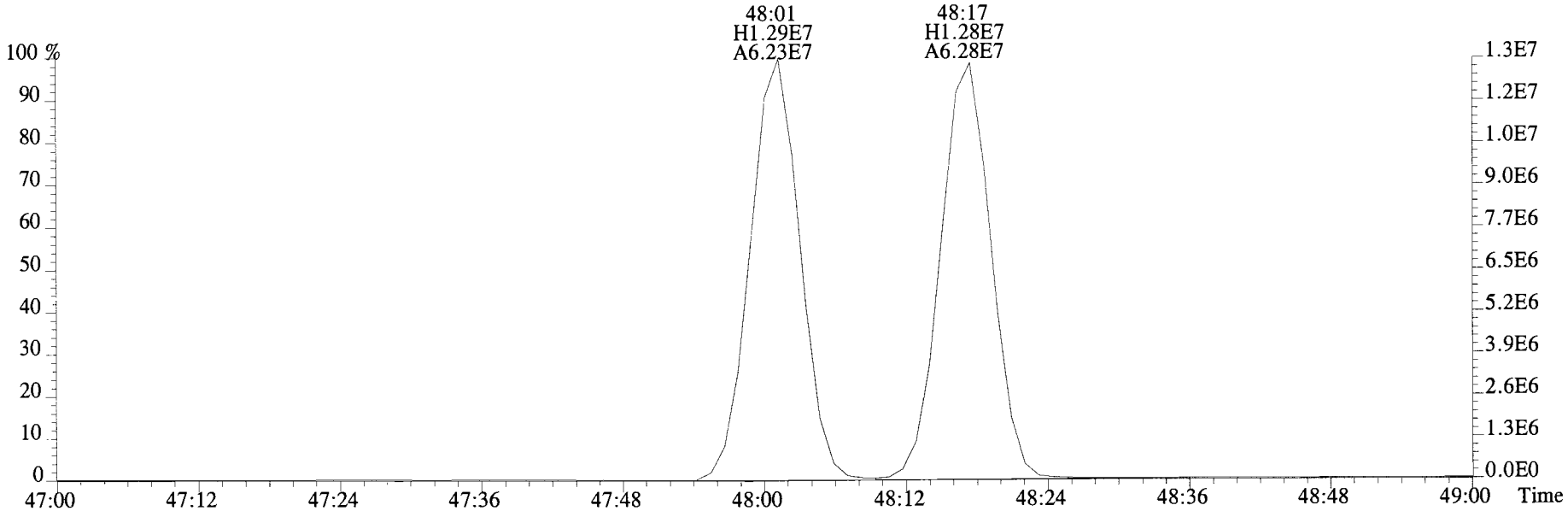
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13340.0,0.00%,F,F)



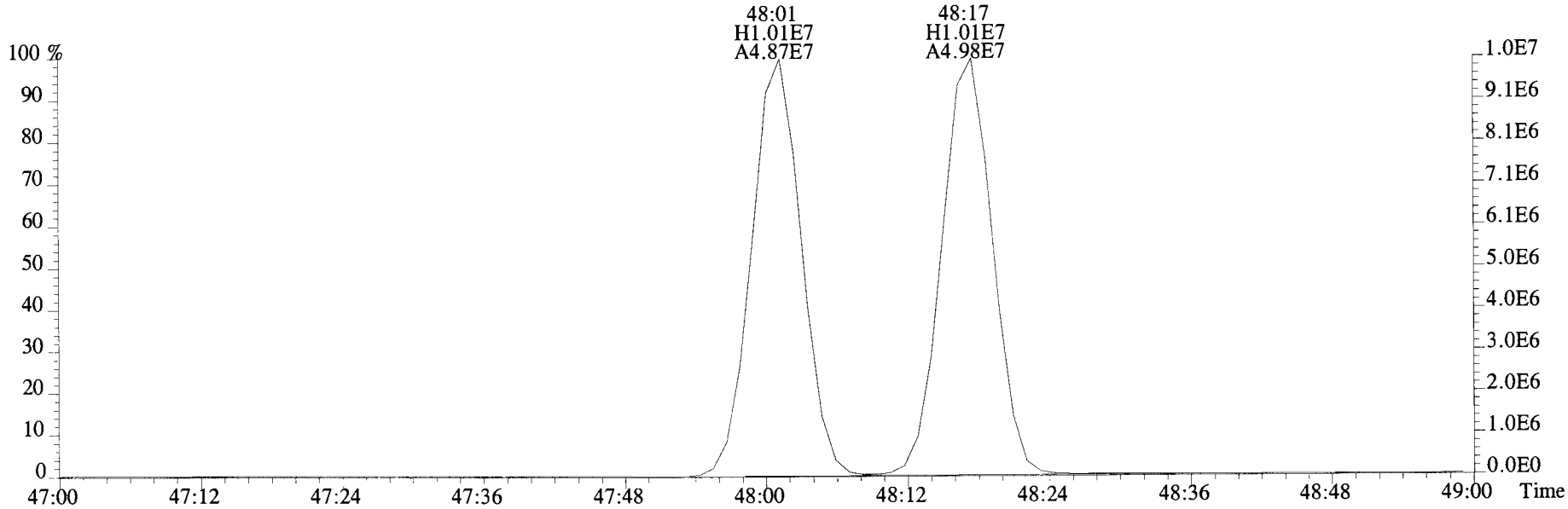
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14152.0,0.00%,F,F)



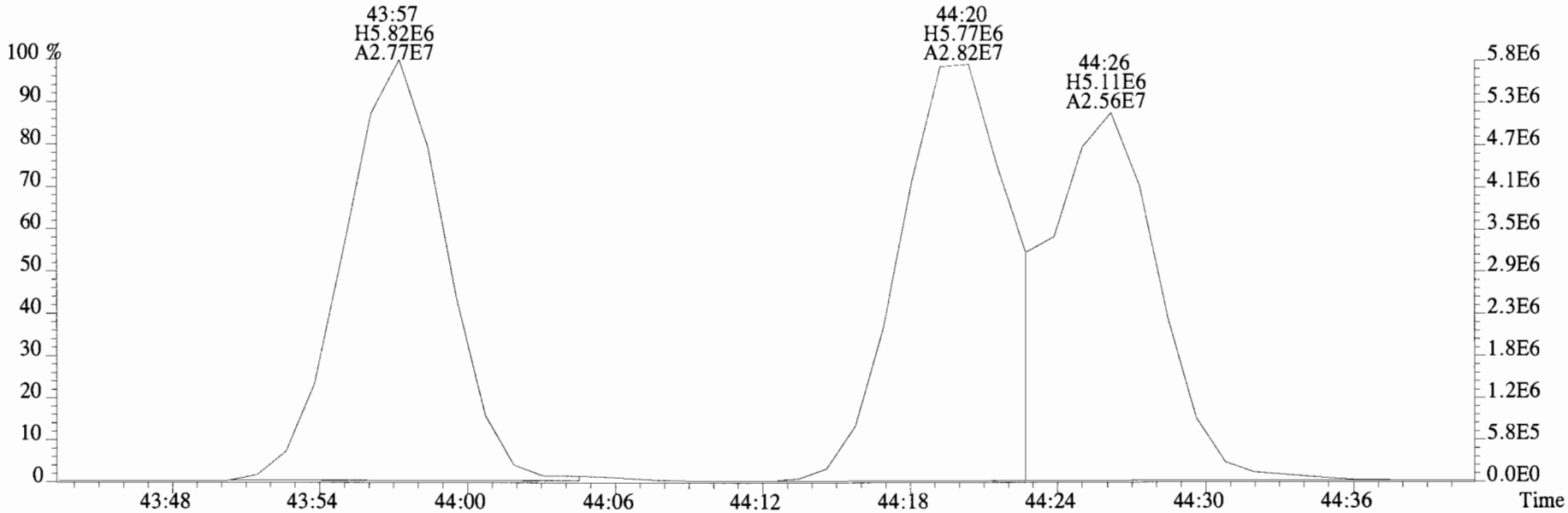
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
371.8817 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13340.0,0.00%,F,F)



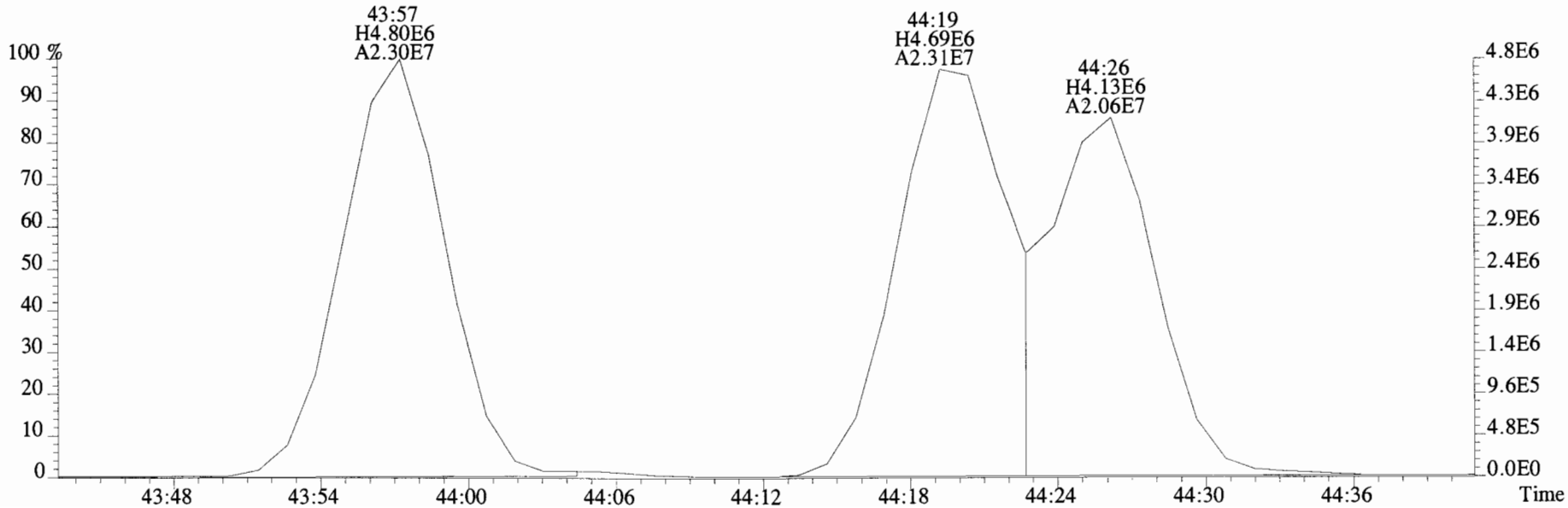
373.8788 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14152.0,0.00%,F,F)



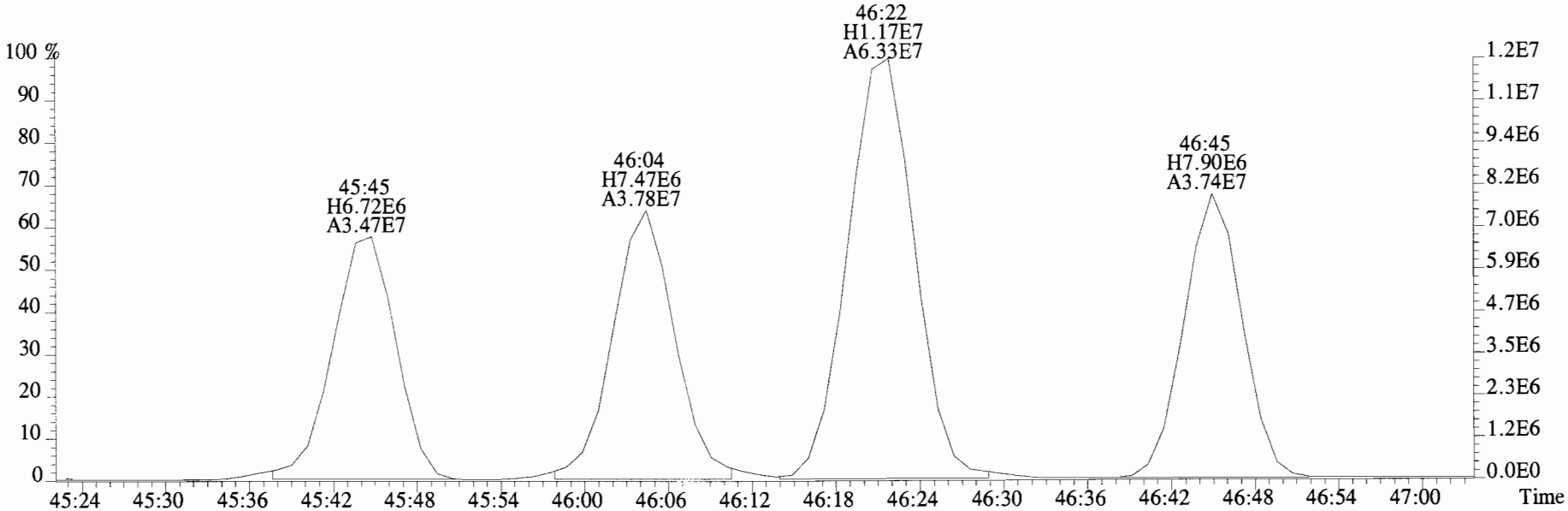
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36768.0,0.00%,F,F)



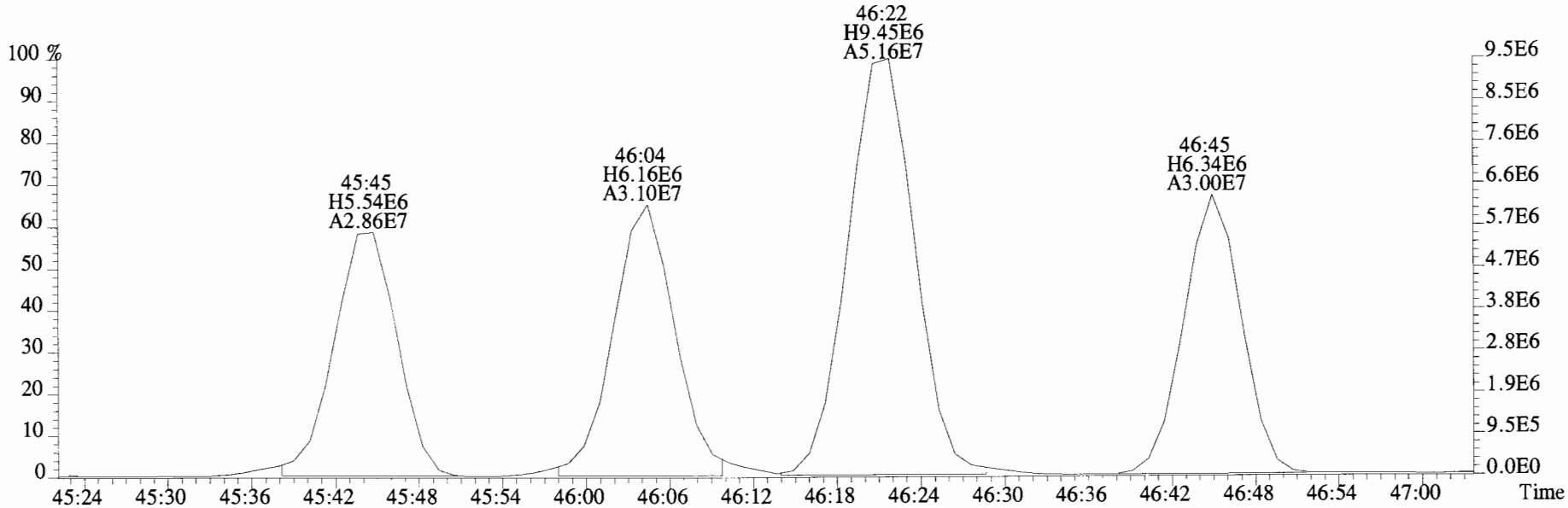
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28188.0,0.00%,F,F)



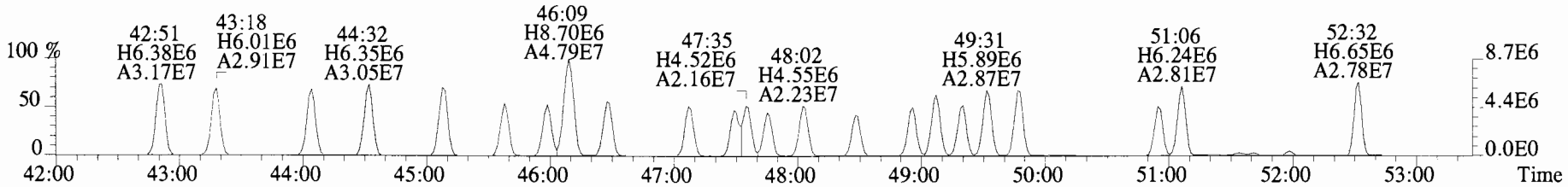
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
359.8415 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,36768.0,0.00%,F,F)



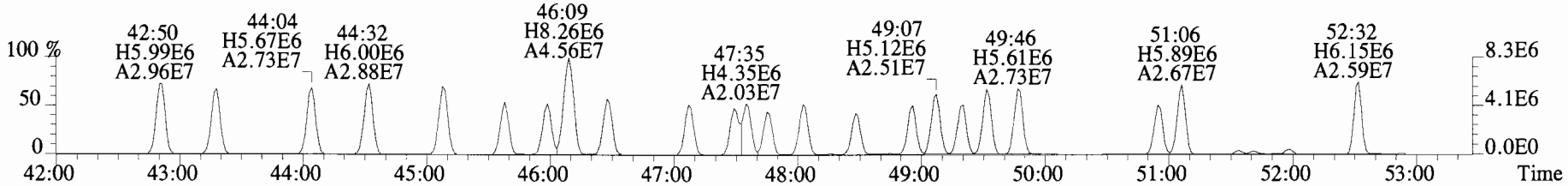
361.8385 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28188.0,0.00%,F,F)



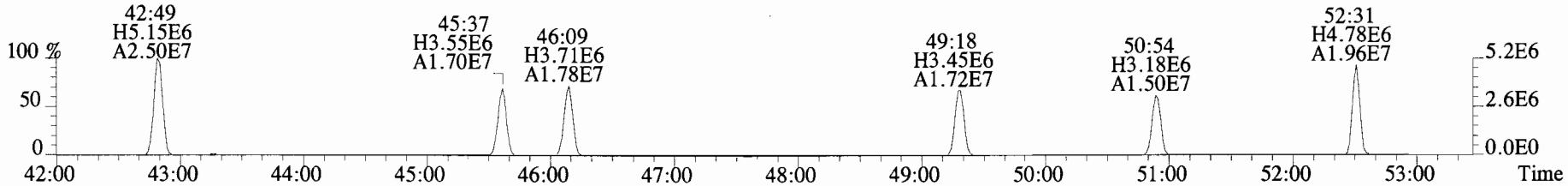
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
393.8025 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28860.0,0.00%,F,F)



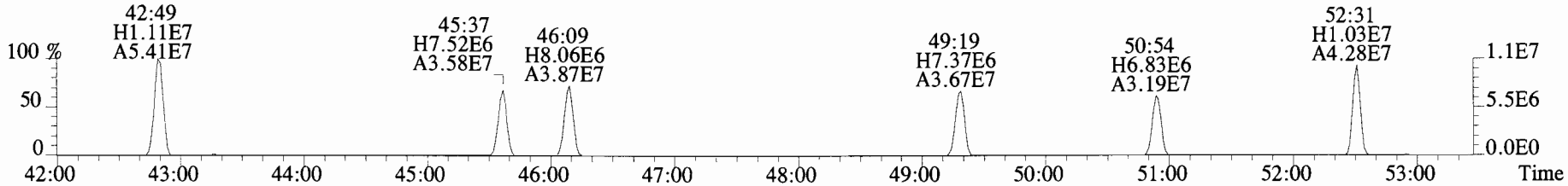
395.7995 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,28716.0,0.00%,F,F)



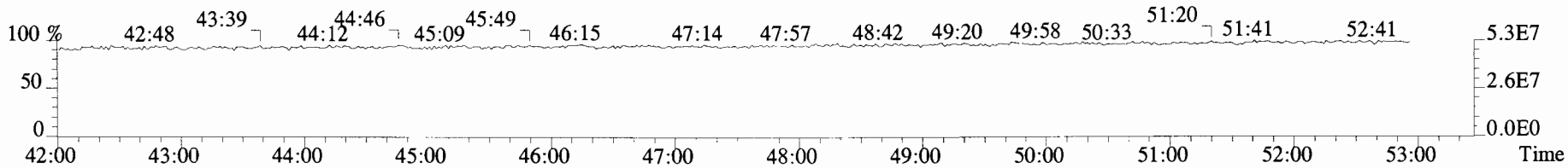
403.8457 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4492.0,0.00%,F,F)



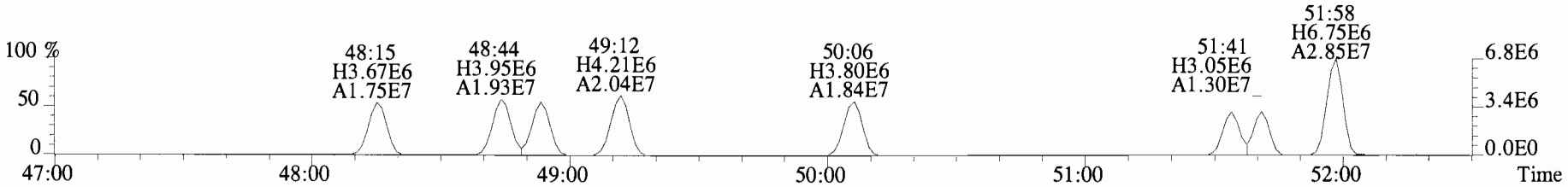
405.8428 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11016.0,0.00%,F,F)



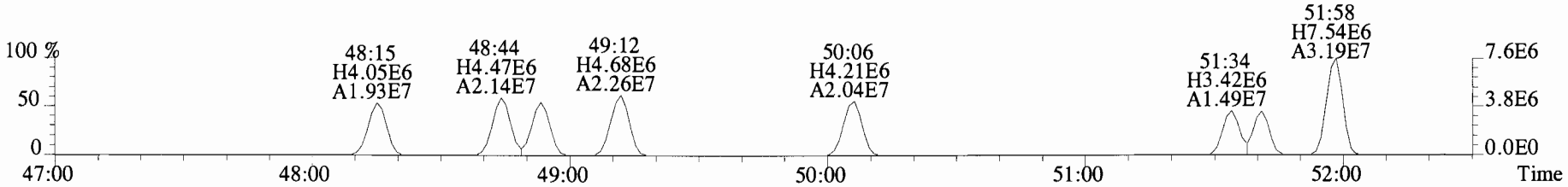
380.9760 S:4 F:4



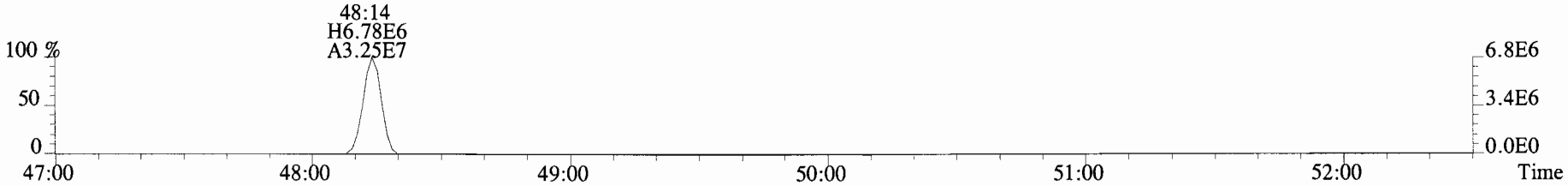
File:171027E1 #1-572 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4916.0,0.00%,F,F)



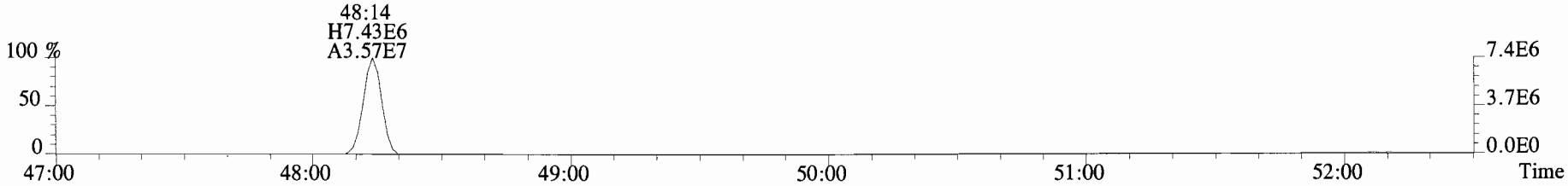
429.7606 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1860.0,0.00%,F,F)



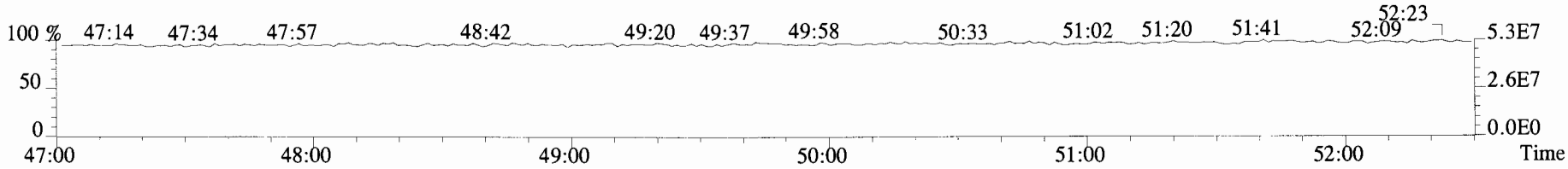
439.8038 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



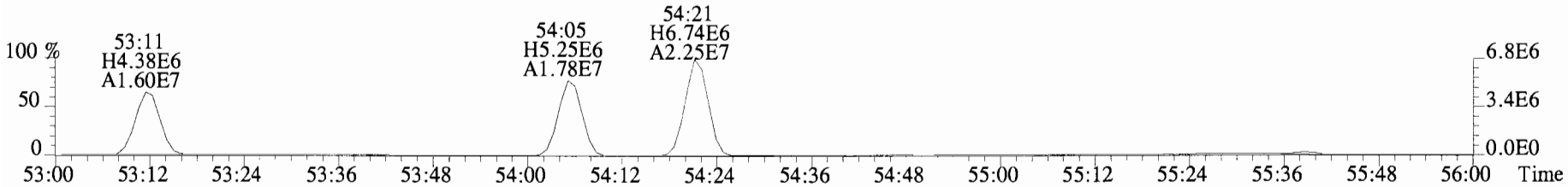
441.8008 S:4 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1948.0,0.00%,F,F)



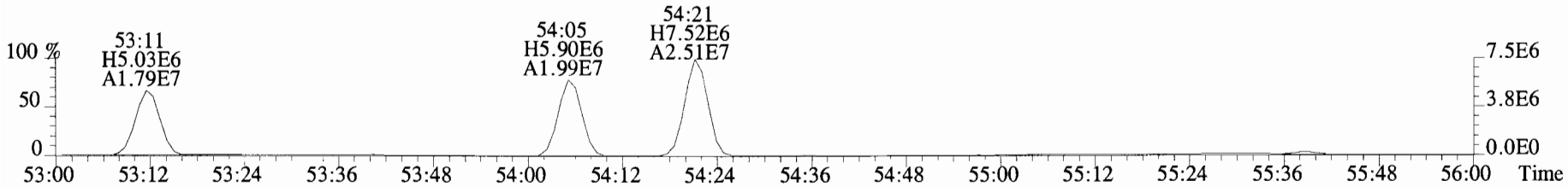
380.9760 S:4 F:4



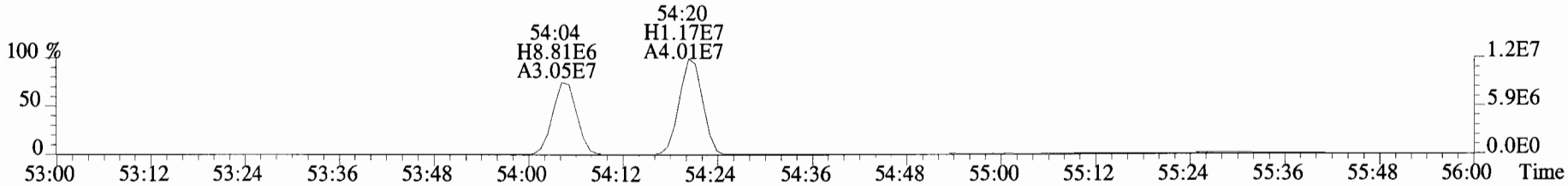
File:171027E1 #1-406 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
427.7635 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29708.0,0.00%,F,F)



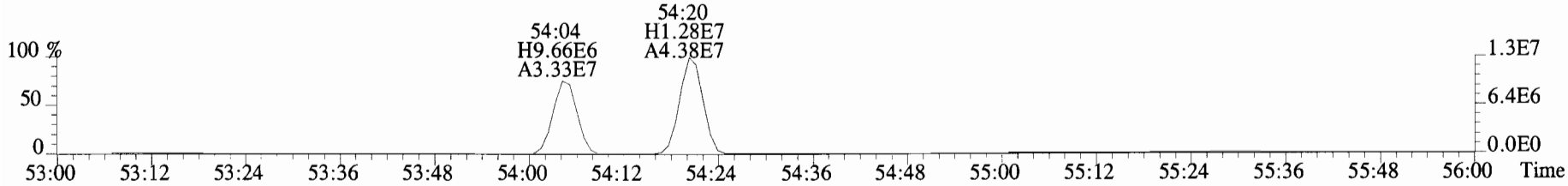
429.7606 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24588.0,0.00%,F,F)



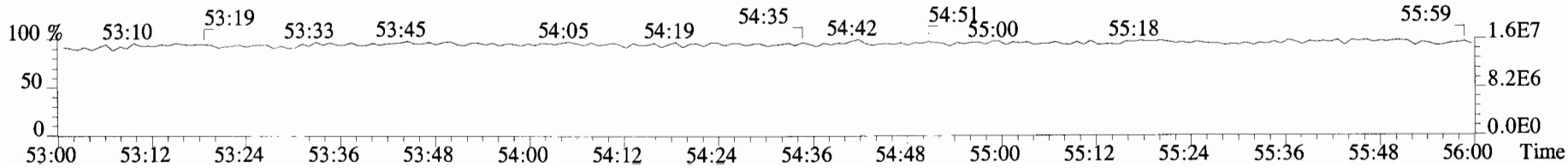
439.8038 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6372.0,0.00%,F,F)



441.8008 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6860.0,0.00%,F,F)

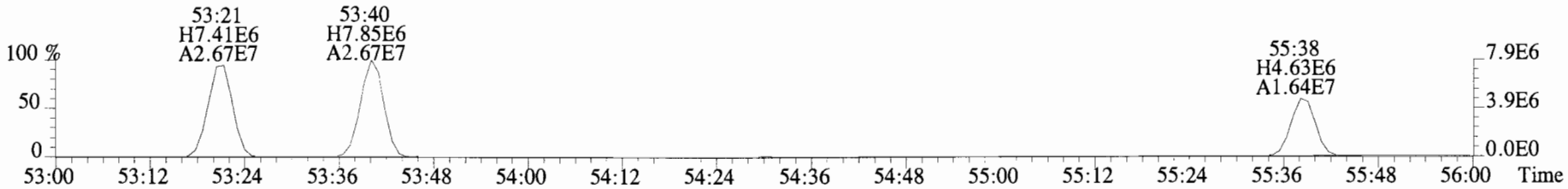


492.9697 S:4 F:5

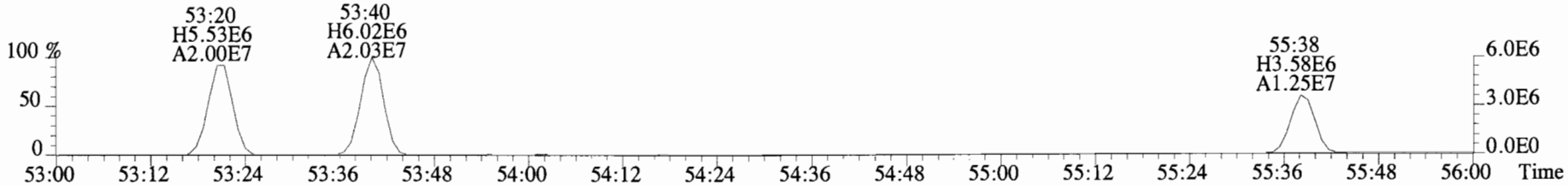


File:171027E1 #1-406 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1

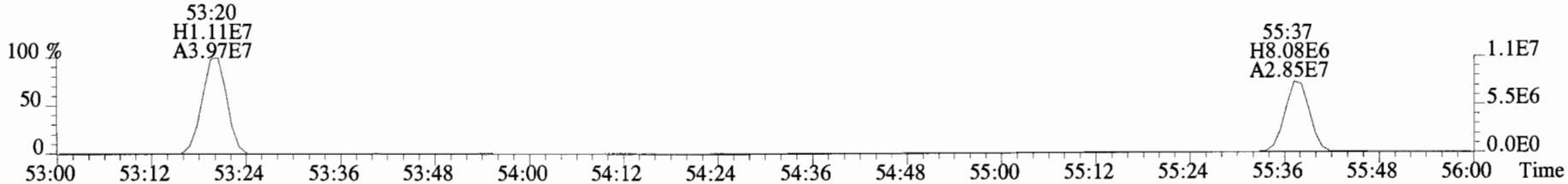
463.7216 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,19444.0,0.00%,F,F)



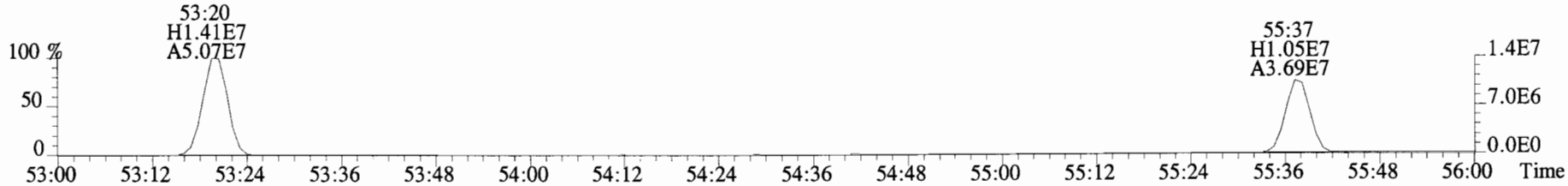
465.7186 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14848.0,0.00%,F,F)



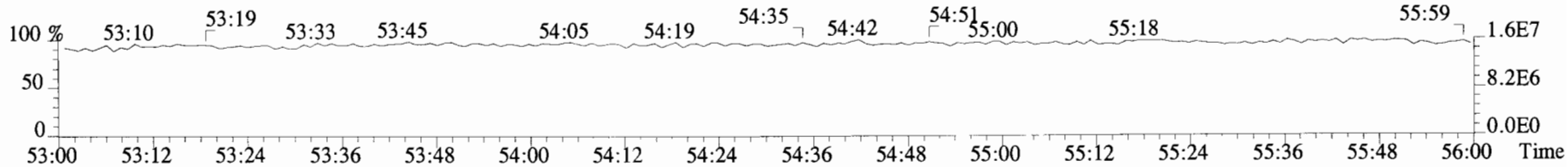
473.7648 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,31260.0,0.00%,F,F)



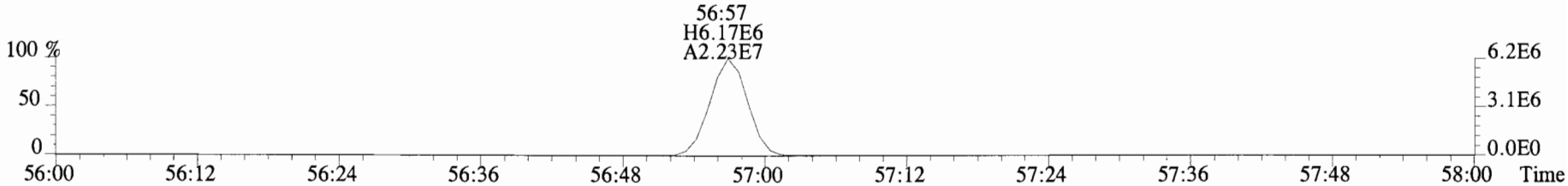
475.7619 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,35888.0,0.00%,F,F)



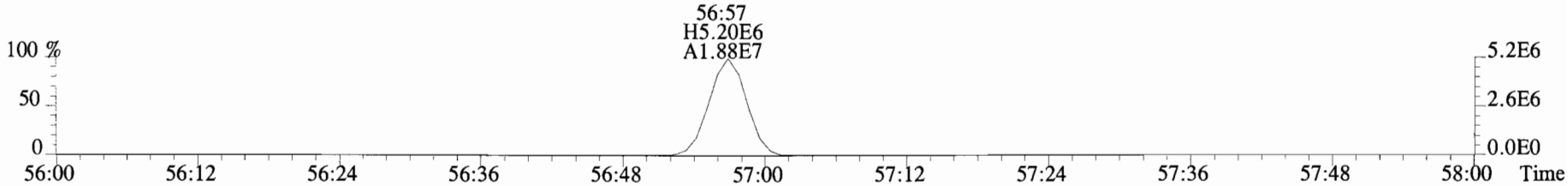
492.9697 S:4 F:5



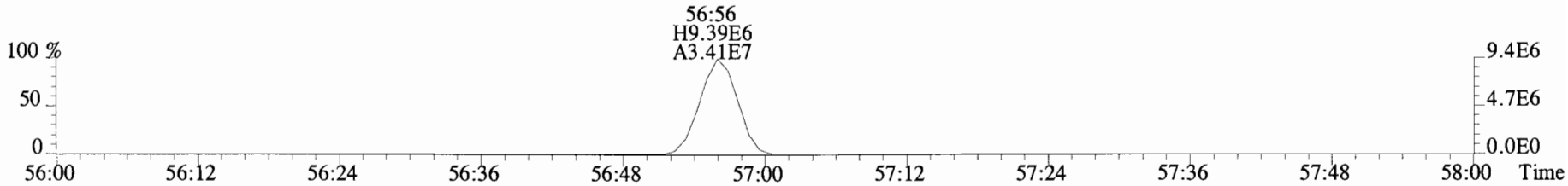
File:171027E1 #1-406 Acq:27-OCT-2017 13:42:55 GC EI+ Voltage SIR Autospec-UltimaE
Sample#4 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-4 PCB CS3 17I0520 Exp:PCB_ZB1
497.6826 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1352.0,0.00%,F,F)



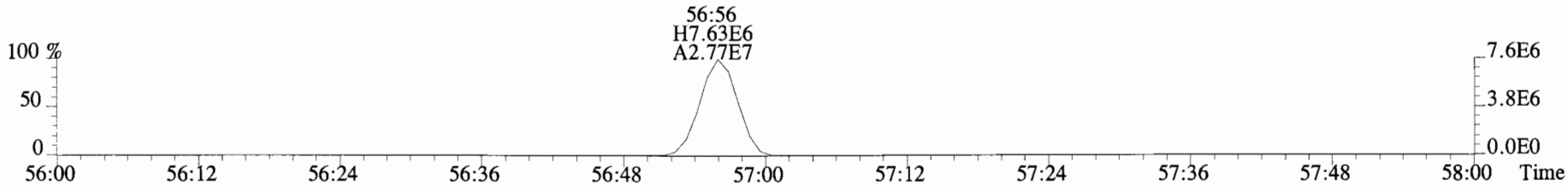
499.6797 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1348.0,0.00%,F,F)



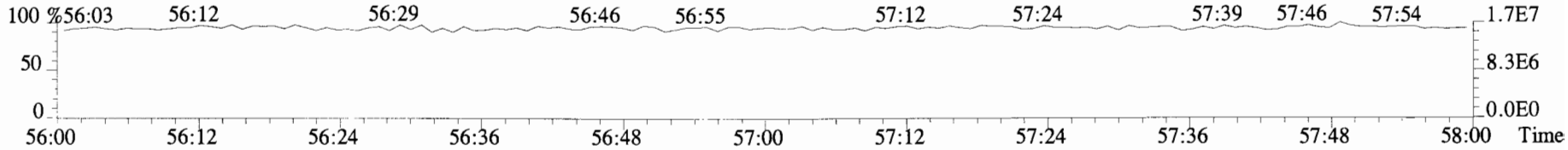
509.7229 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1508.0,0.00%,F,F)



511.7199 S:4 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1360.0,0.00%,F,F)

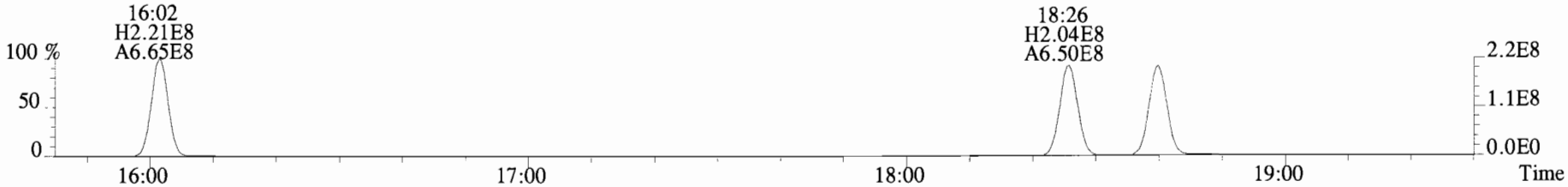


492.9697 S:4 F:5

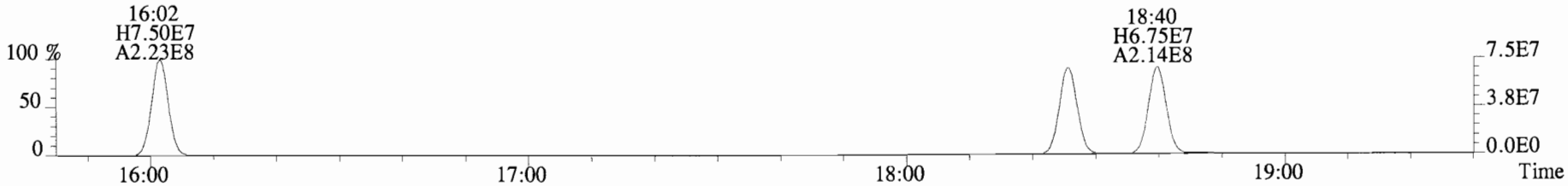


File:171027E1 #1-867 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

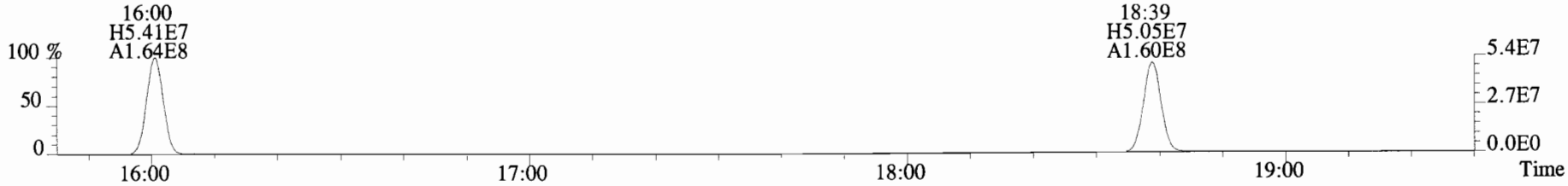
188.0393 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9916.0,0.00%,F,F)



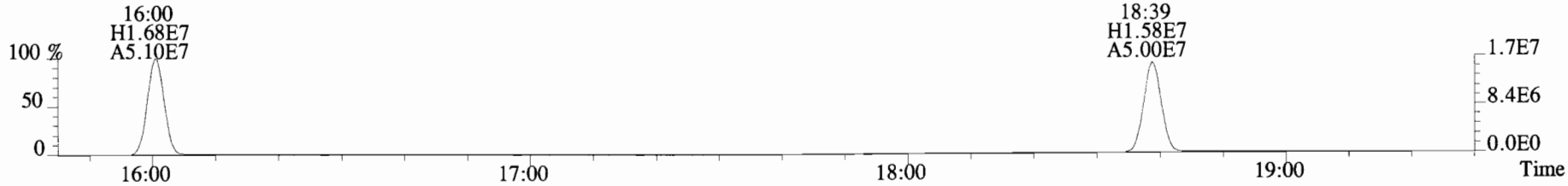
190.0363 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7980.0,0.00%,F,F)



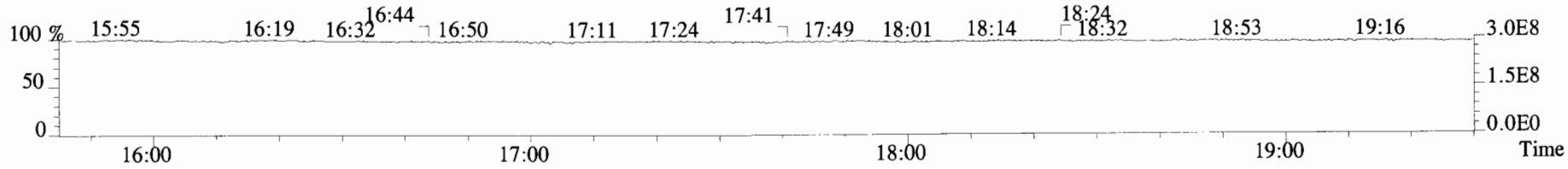
200.0795 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8024.0,0.00%,F,F)



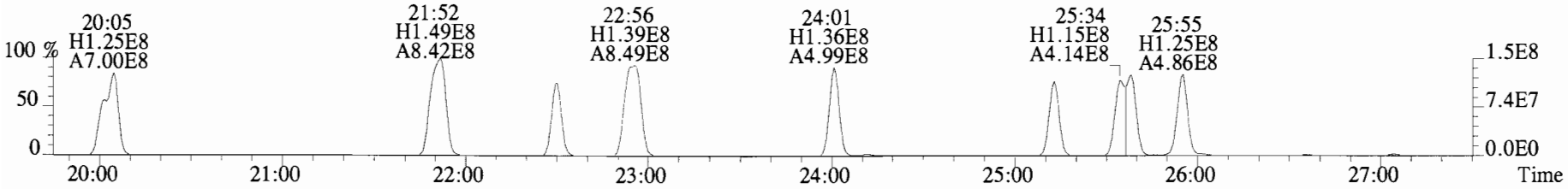
202.0766 S:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14028.0,0.00%,F,F)



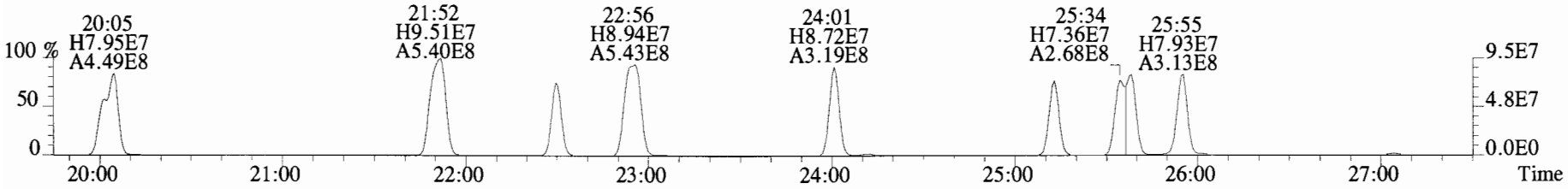
180.9880 S:5



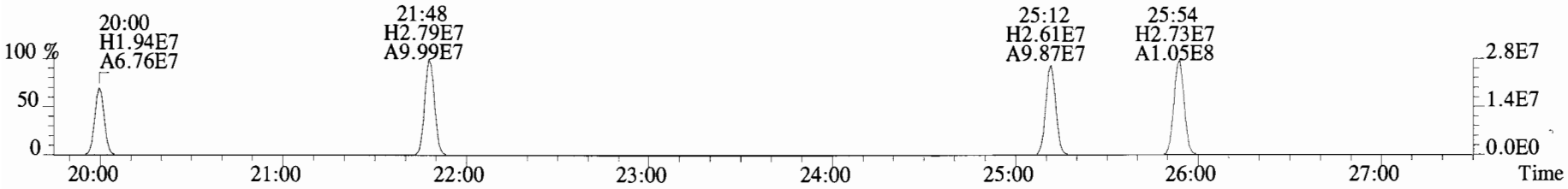
File:171027E1 #1-757 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46320.0,0.00%,F,F)



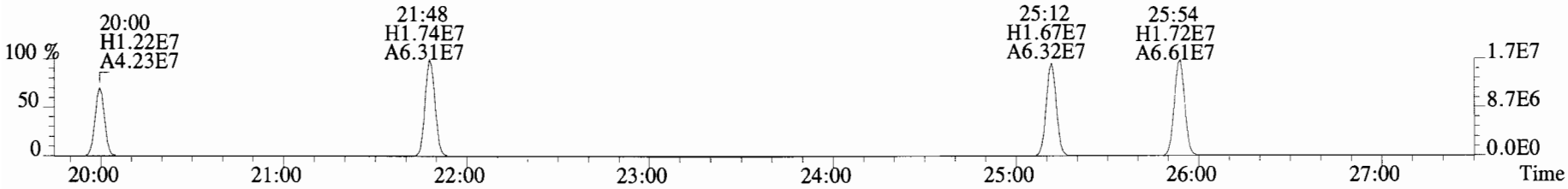
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43324.0,0.00%,F,F)



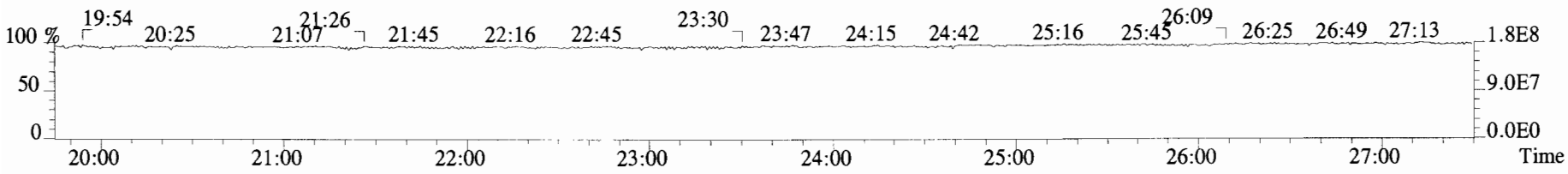
234.0406 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4756.0,0.00%,F,F)



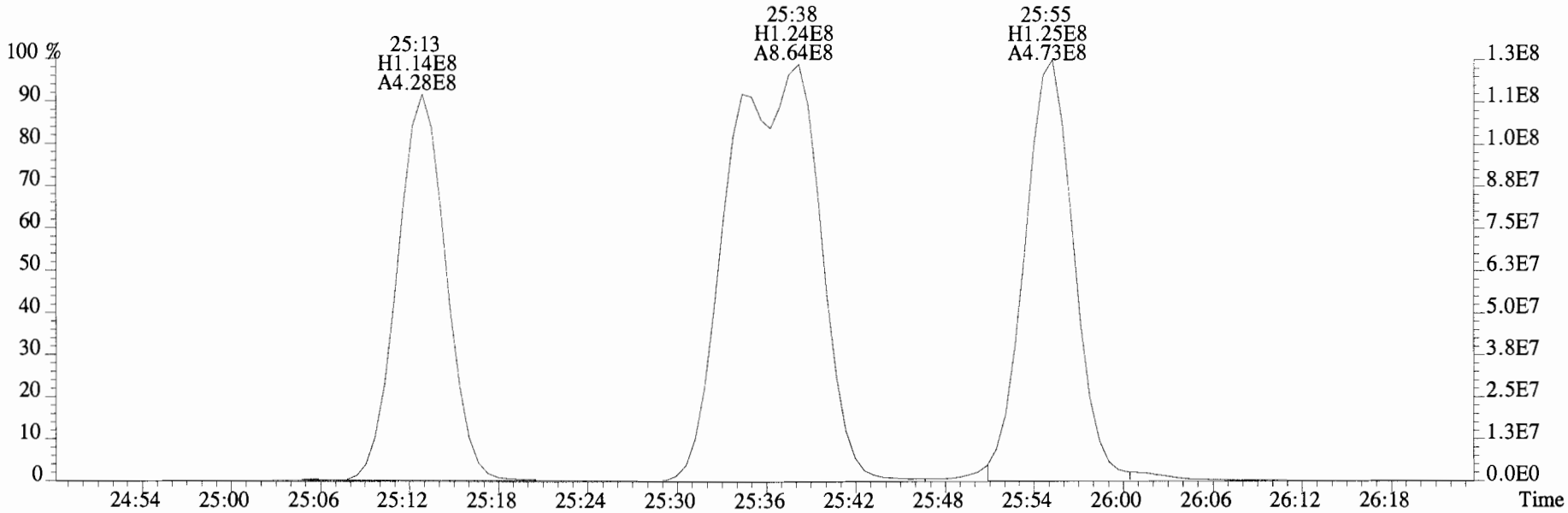
236.0376 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3576.0,0.00%,F,F)



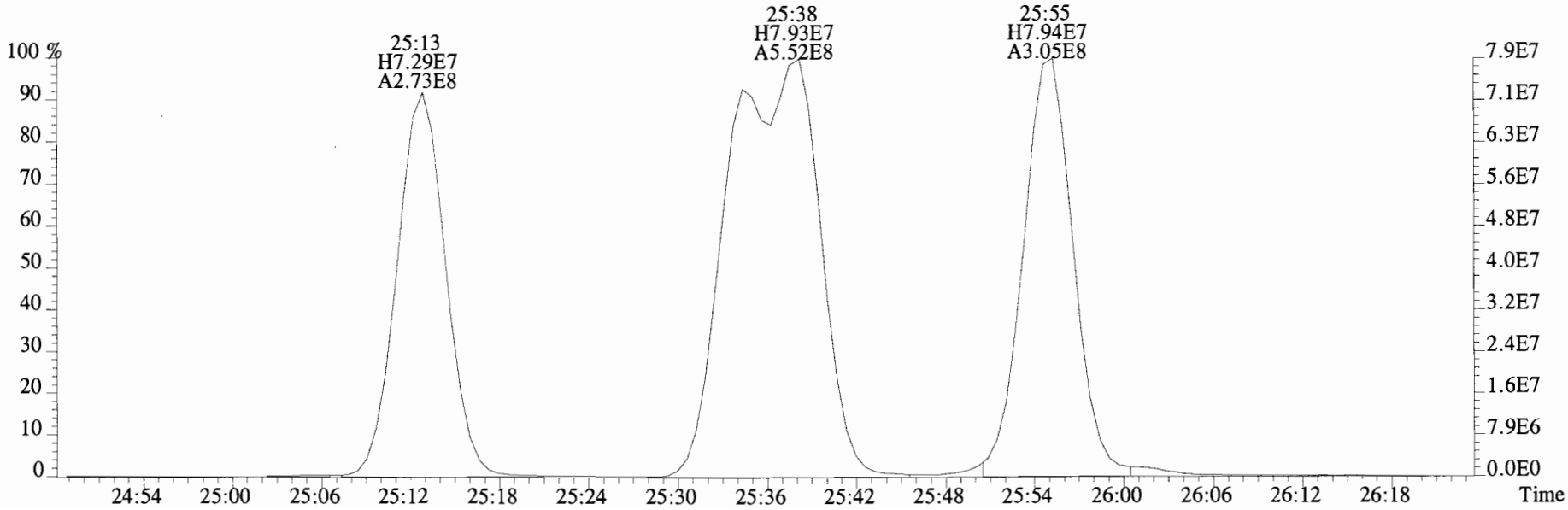
230.9856 S:5 F:2



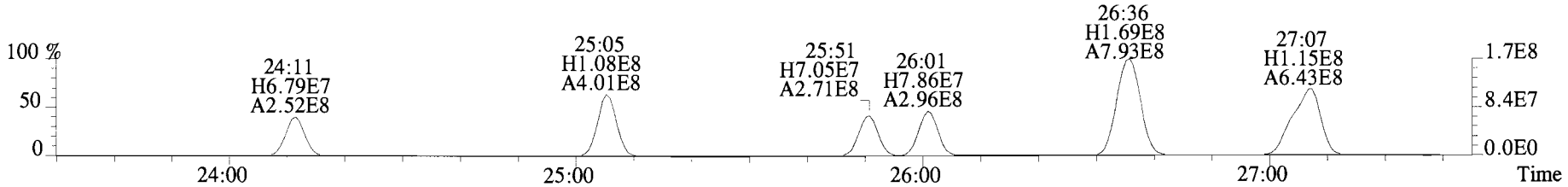
File:171027E1 #1-757 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
222.0003 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,46320.0,0.00%,F,F)



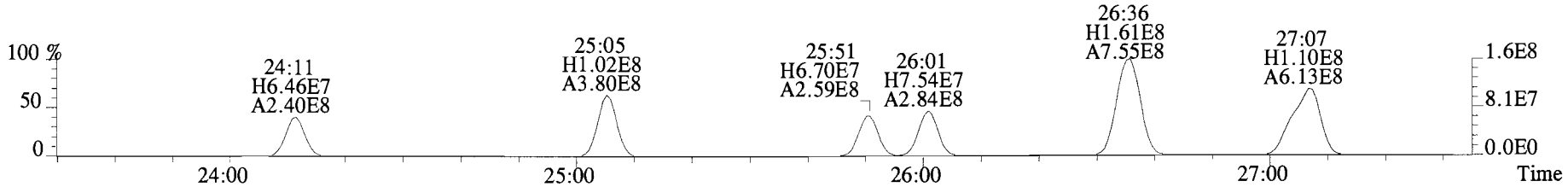
223.9974 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,43324.0,0.00%,F,F)



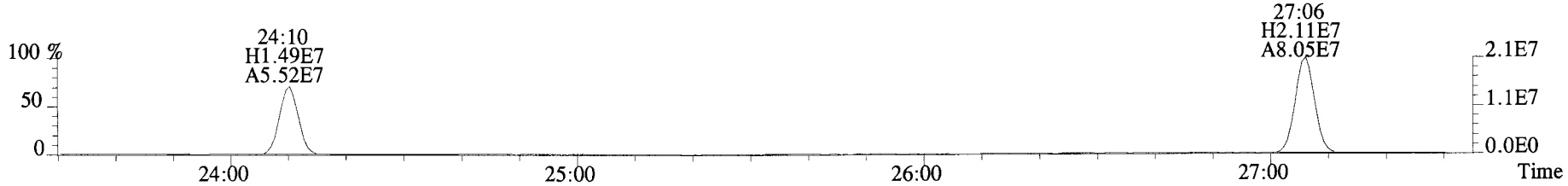
File:171027E1 #1-757 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3720.0,0.00%,F,F)



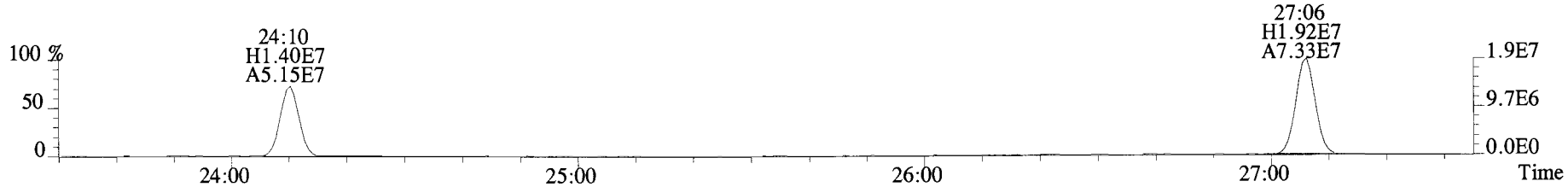
257.9584 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2244.0,0.00%,F,F)



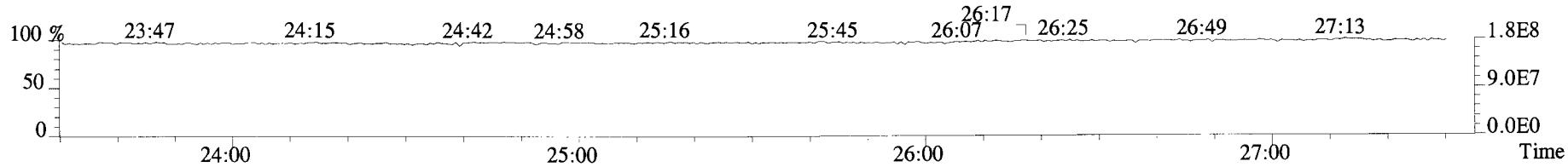
268.0016 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,109412.0,0.00%,F,F)



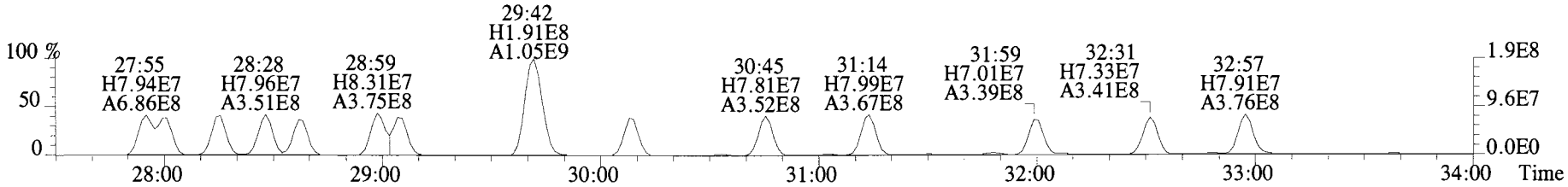
269.9986 S:5 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,65840.0,0.00%,F,F)



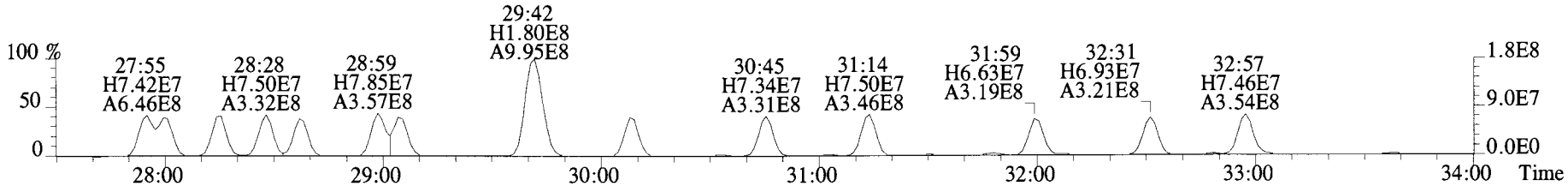
230.9856 S:5 F:2



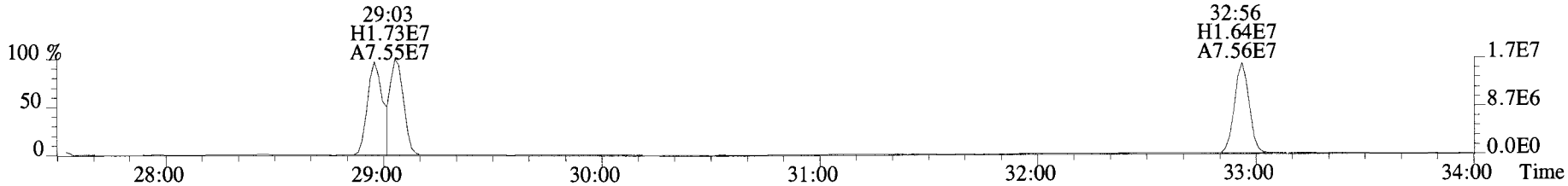
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,97276.0,0.00%,F,F)



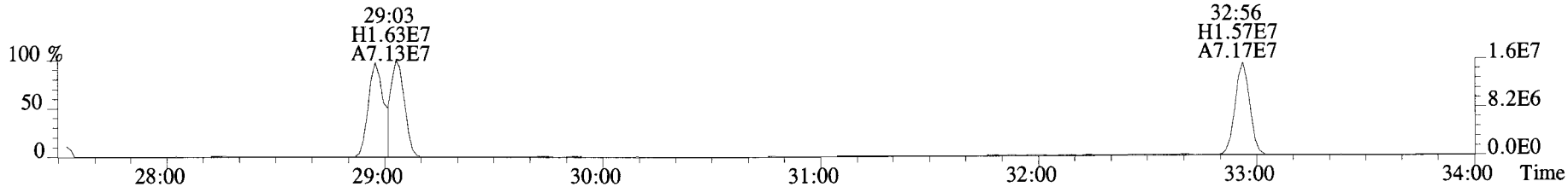
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105536.0,0.00%,F,F)



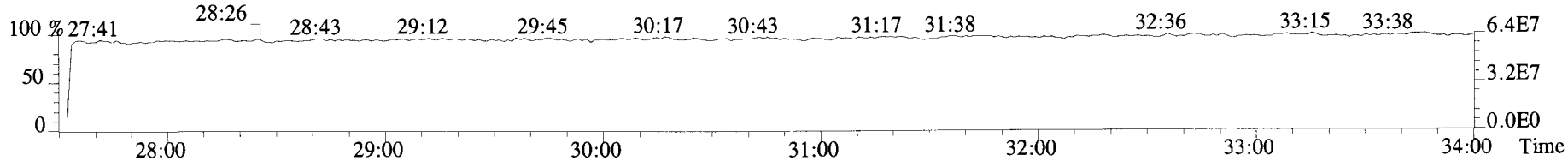
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99832.0,0.00%,F,F)



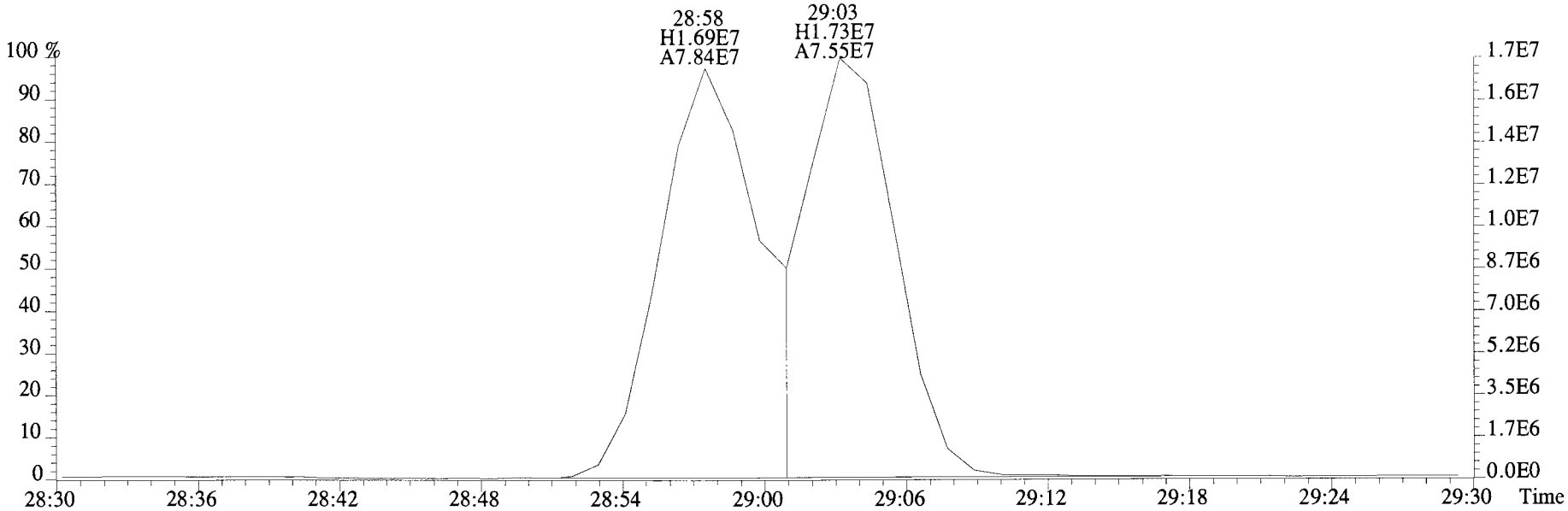
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,54924.0,0.00%,F,F)



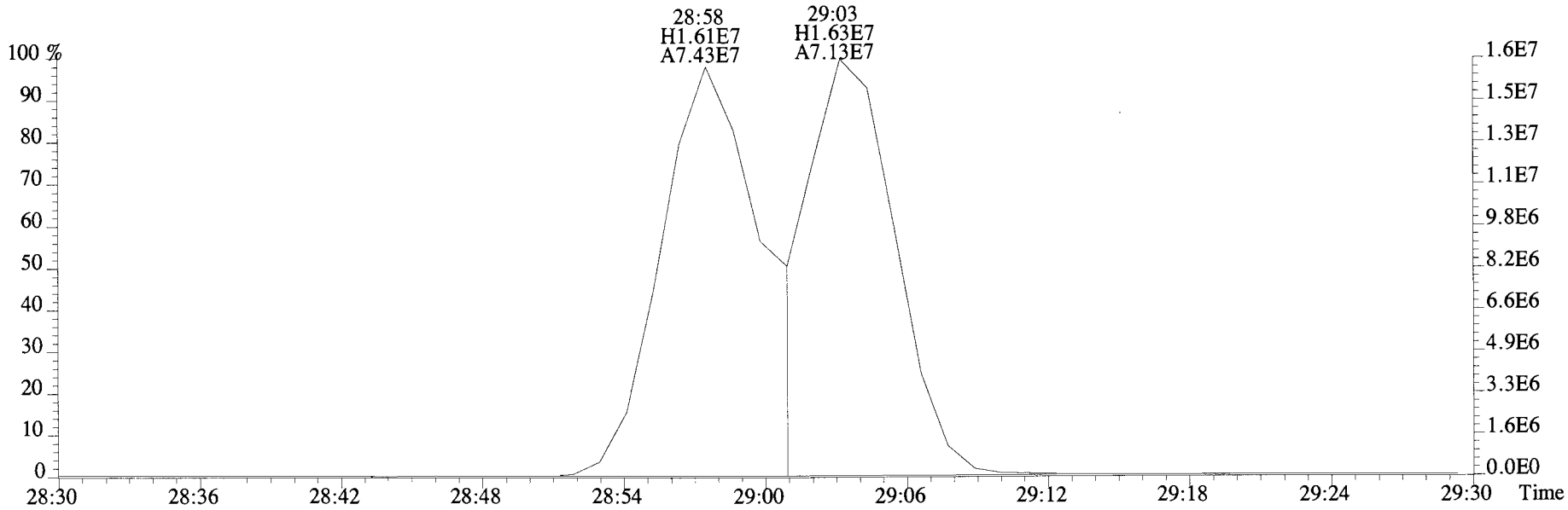
330.9792 S:5 F:3



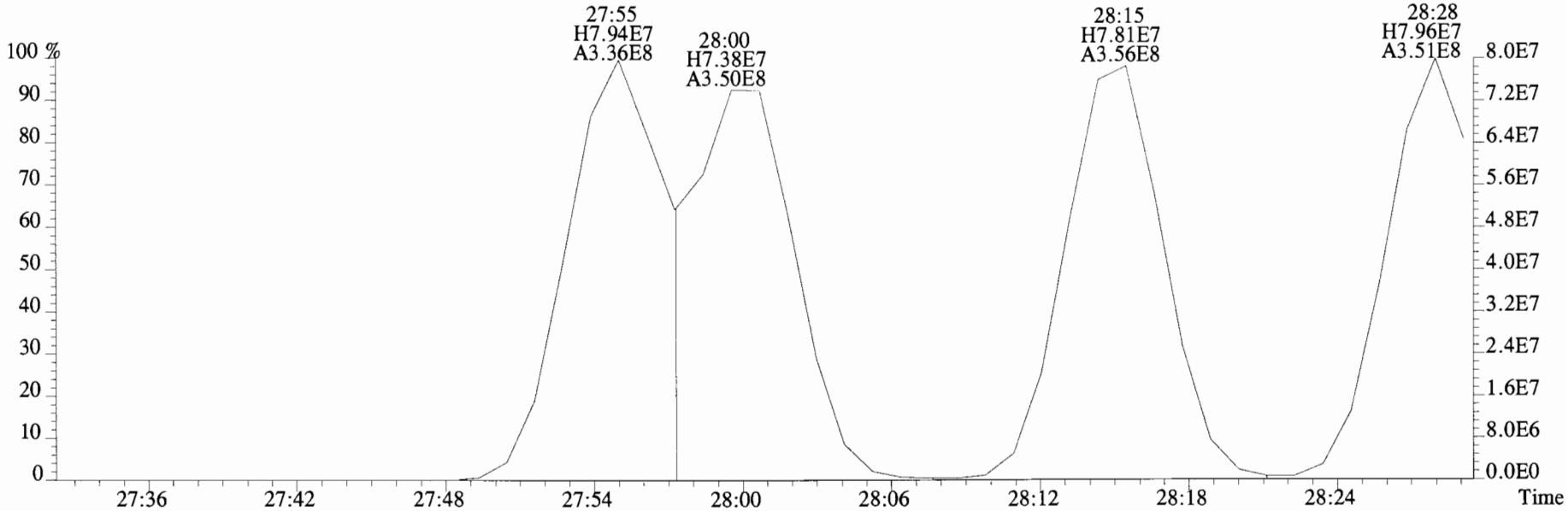
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
268.0016 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,99832.0,0.00%,F,F)



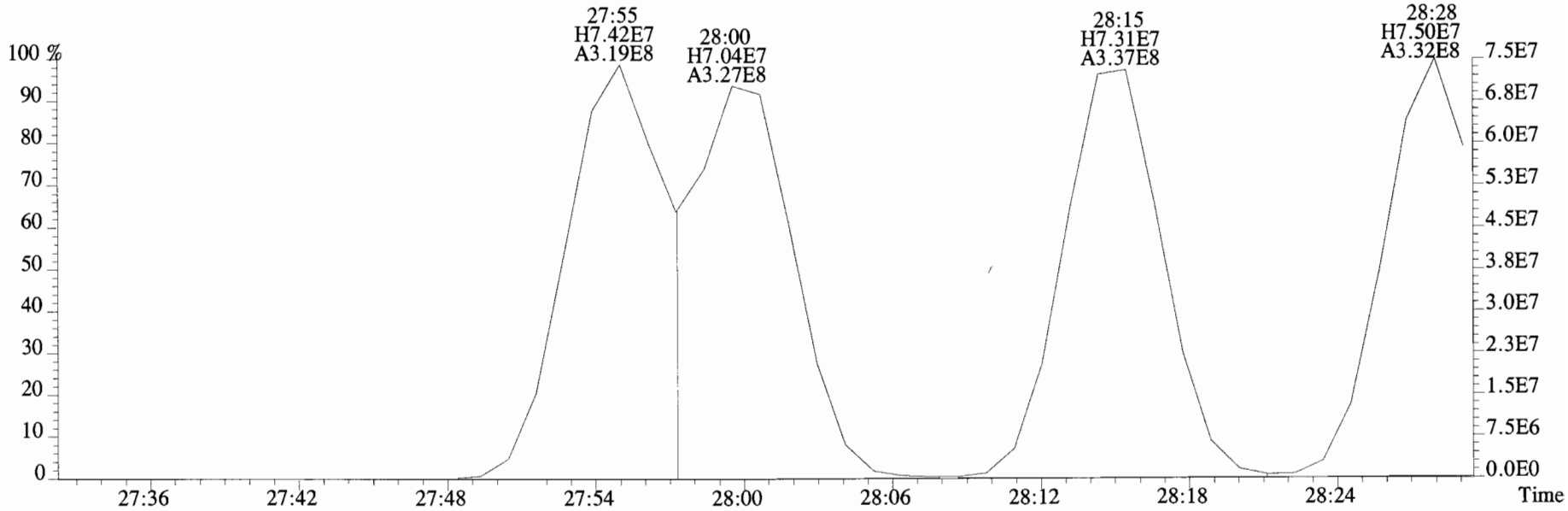
269.9986 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,54924.0,0.00%,F,F)



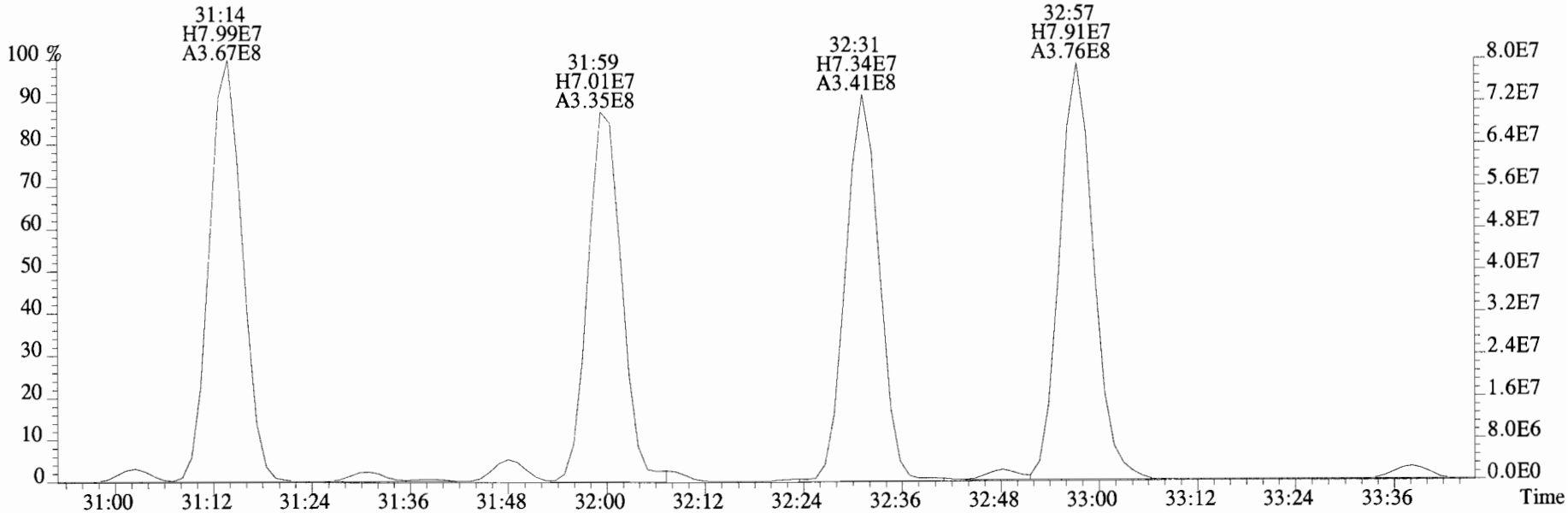
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,97276.0,0.00%,F,F)



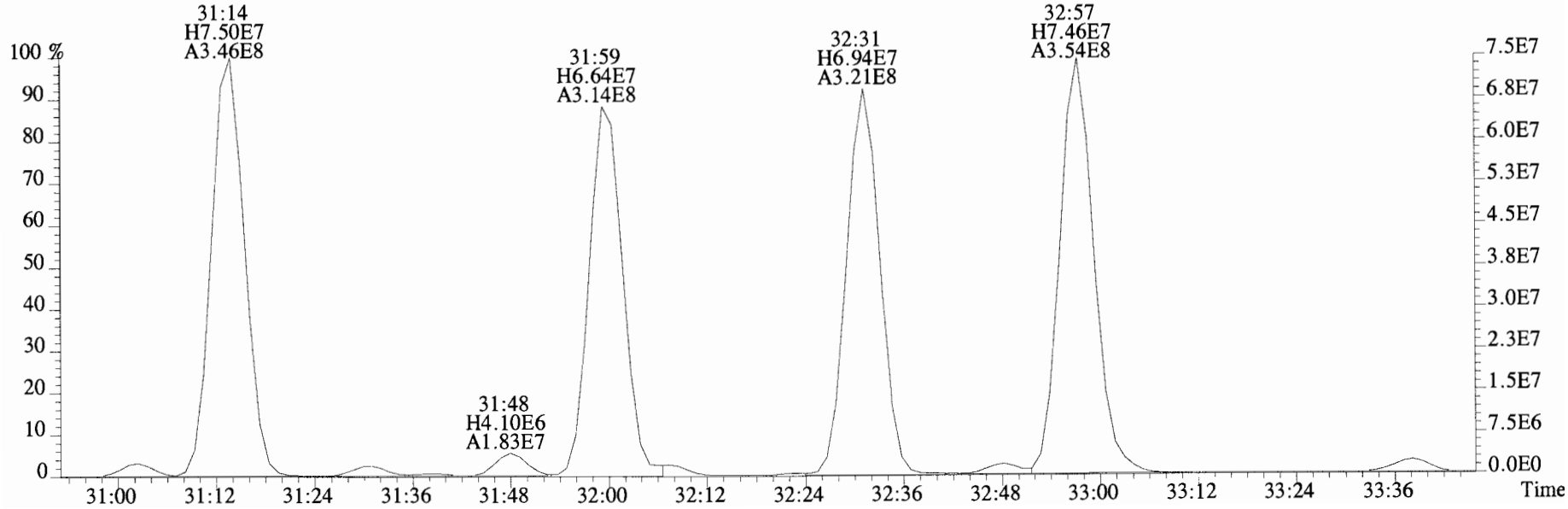
257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105536.0,0.00%,F,F)



File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
255.9613 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,97276.0,0.00%,F,F)

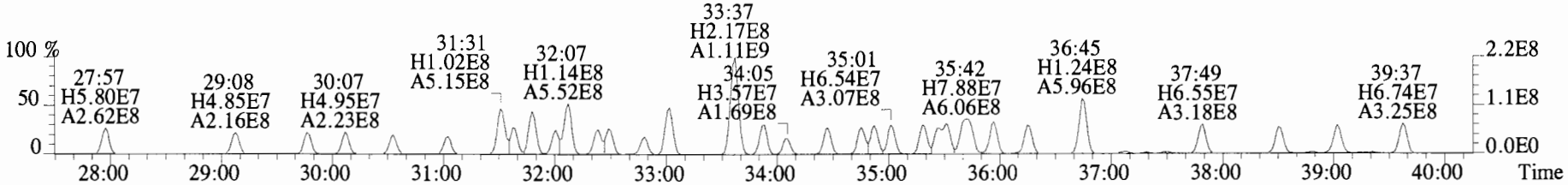


257.9584 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,105536.0,0.00%,F,F)

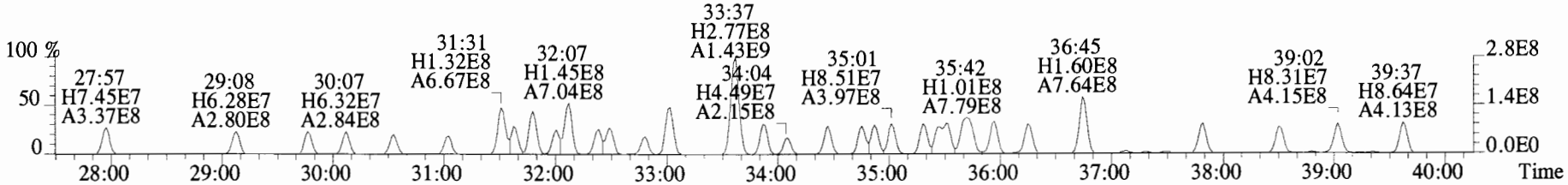


File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

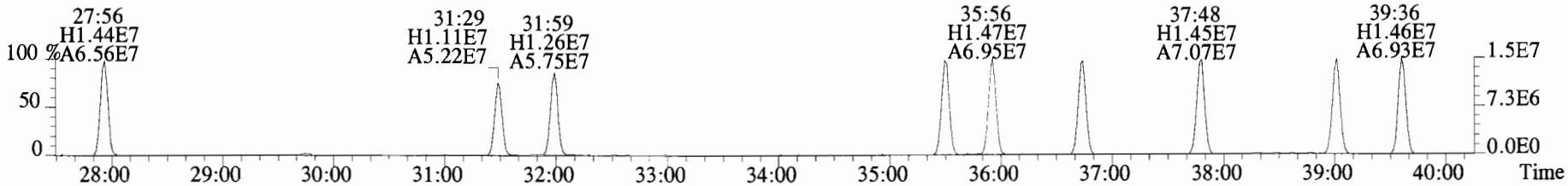
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



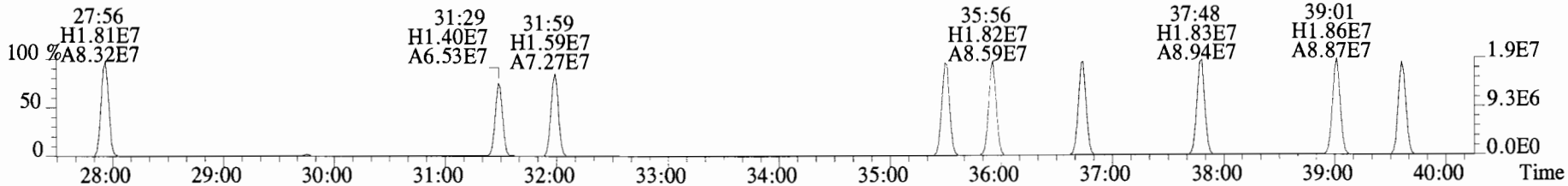
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



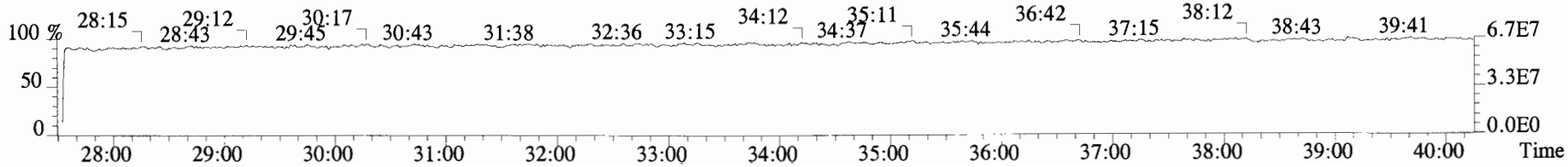
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



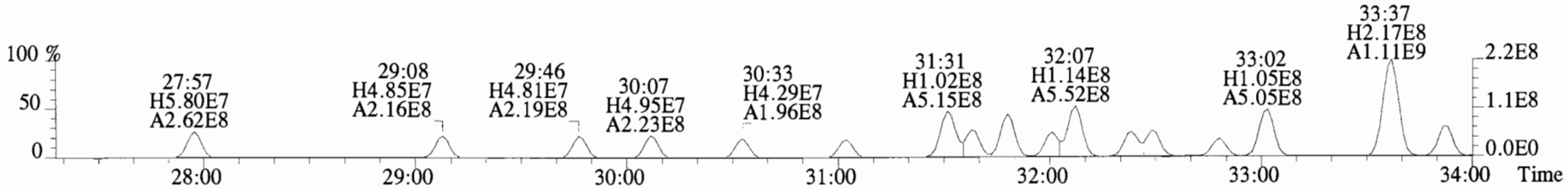
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



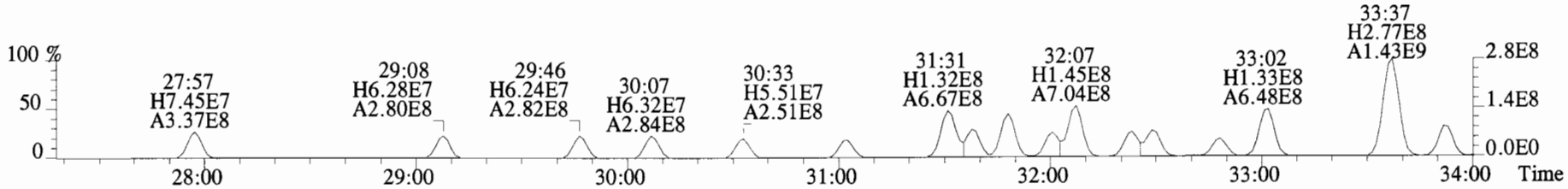
330.9792 S:5 F:3



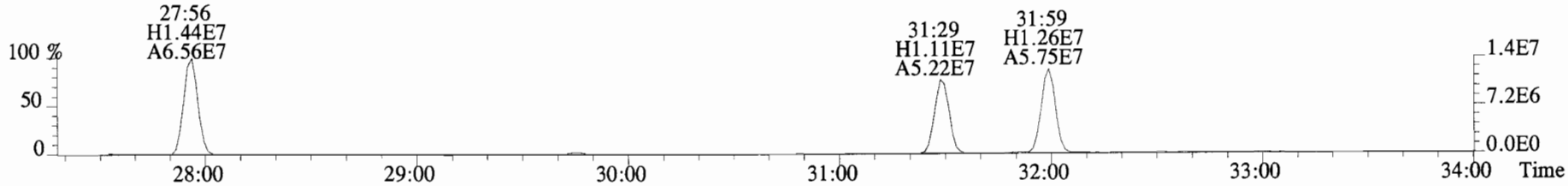
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



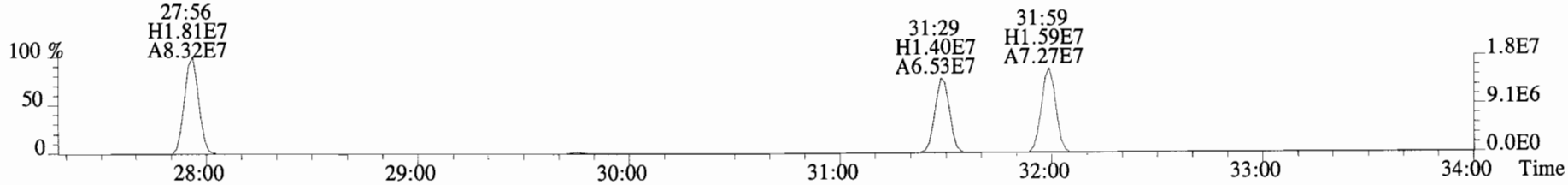
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



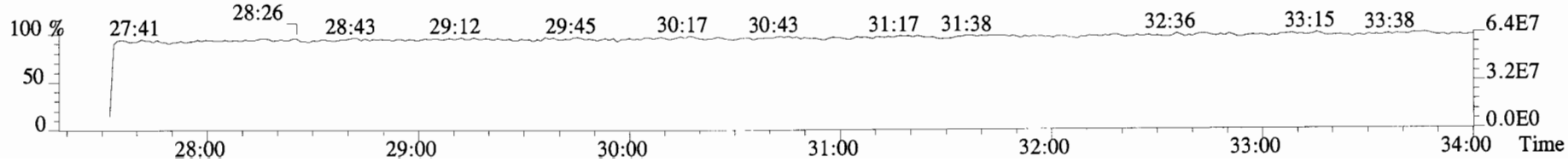
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



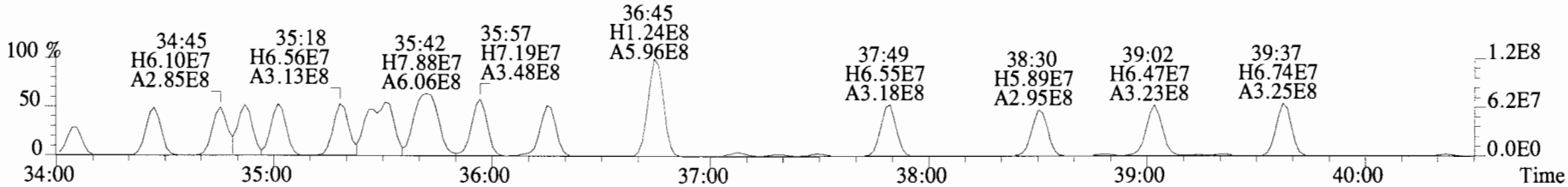
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



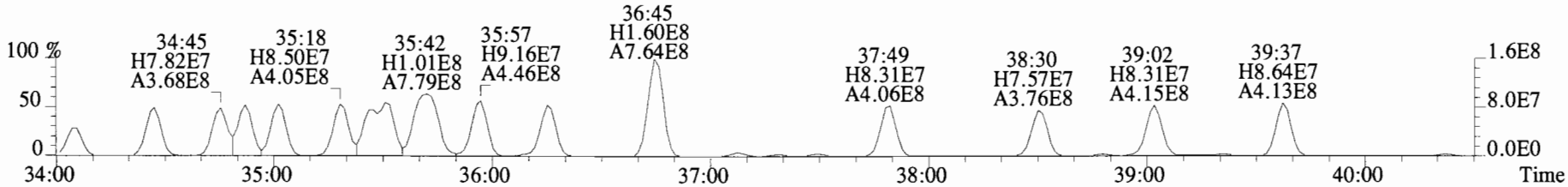
330.9792 S:5 F:3



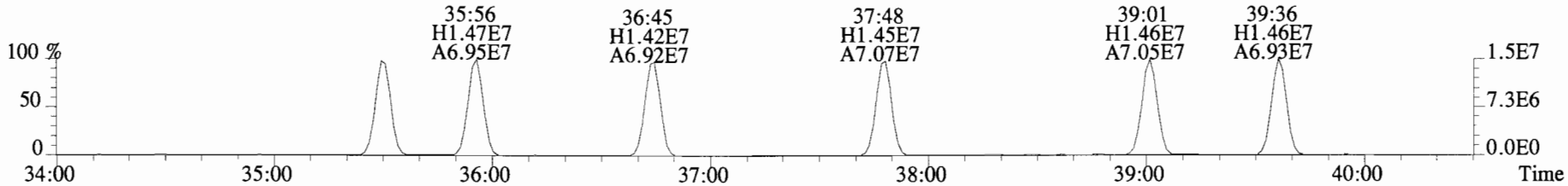
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



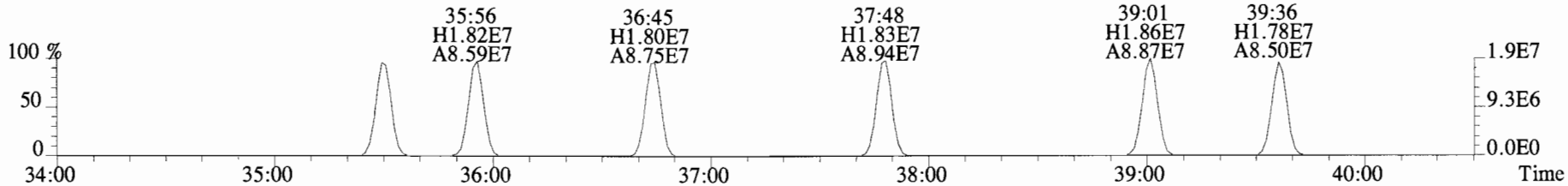
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



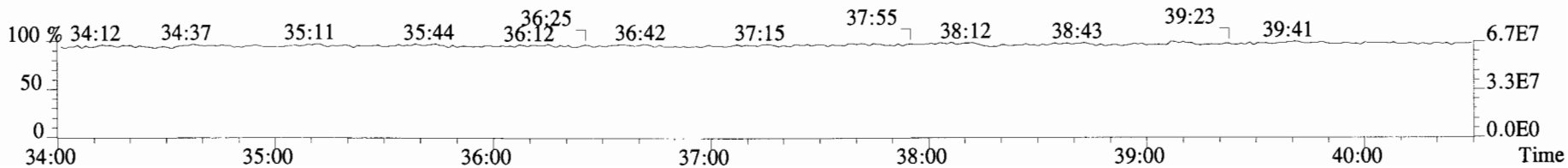
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



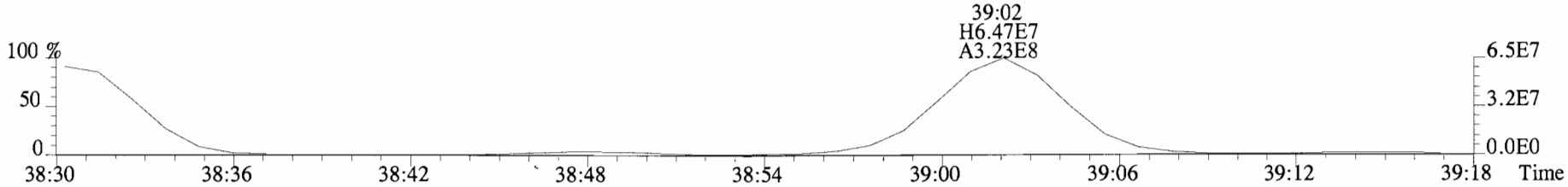
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



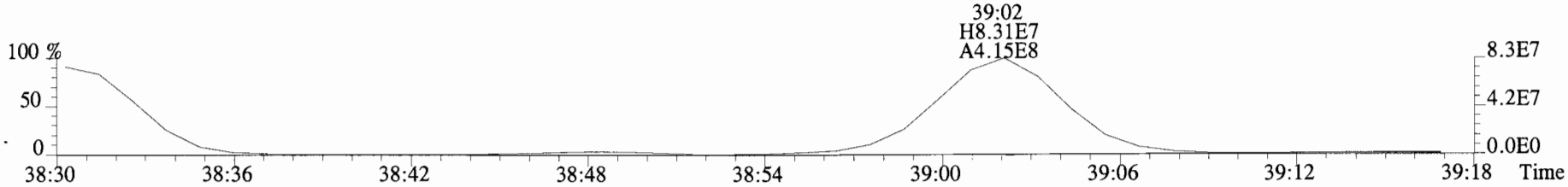
330.9792 S:5 F:3



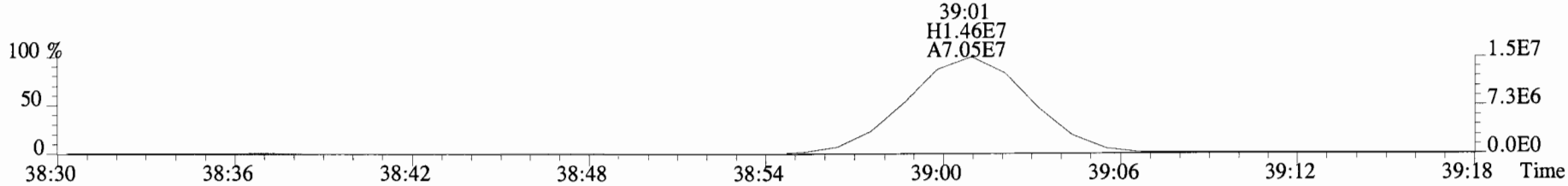
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



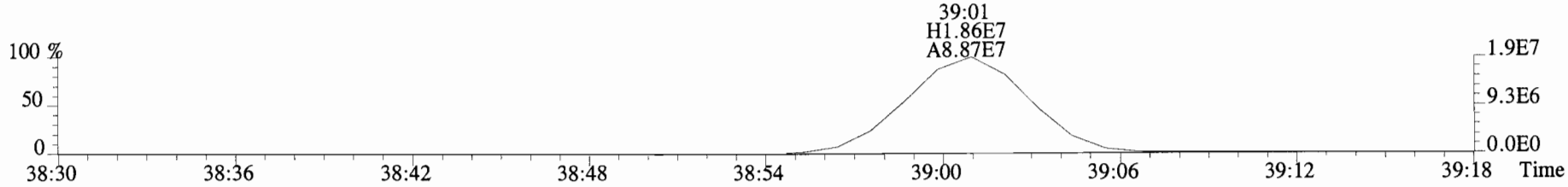
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



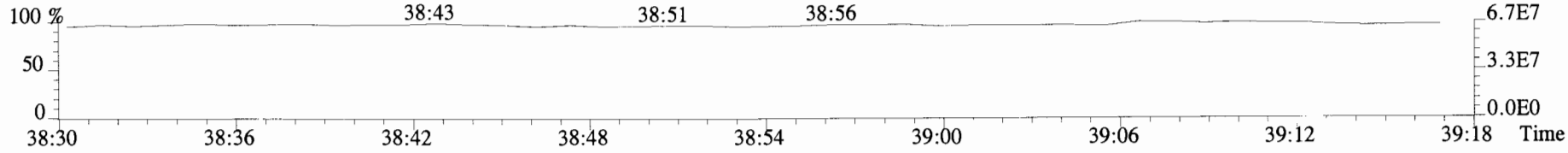
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



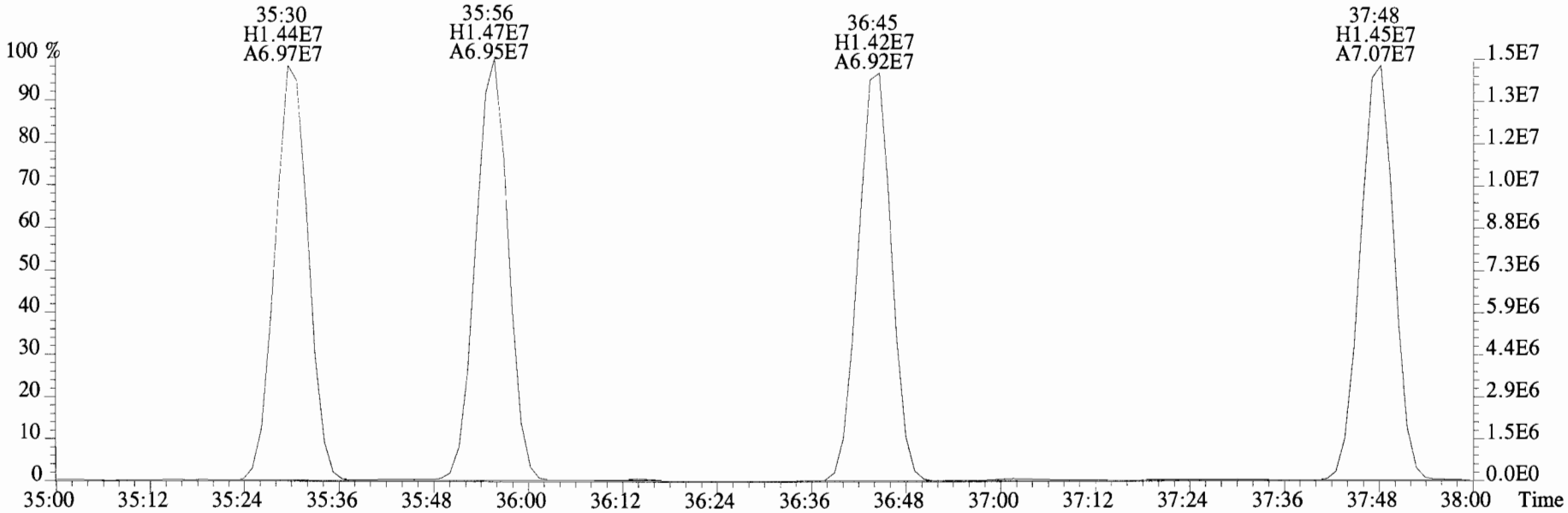
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



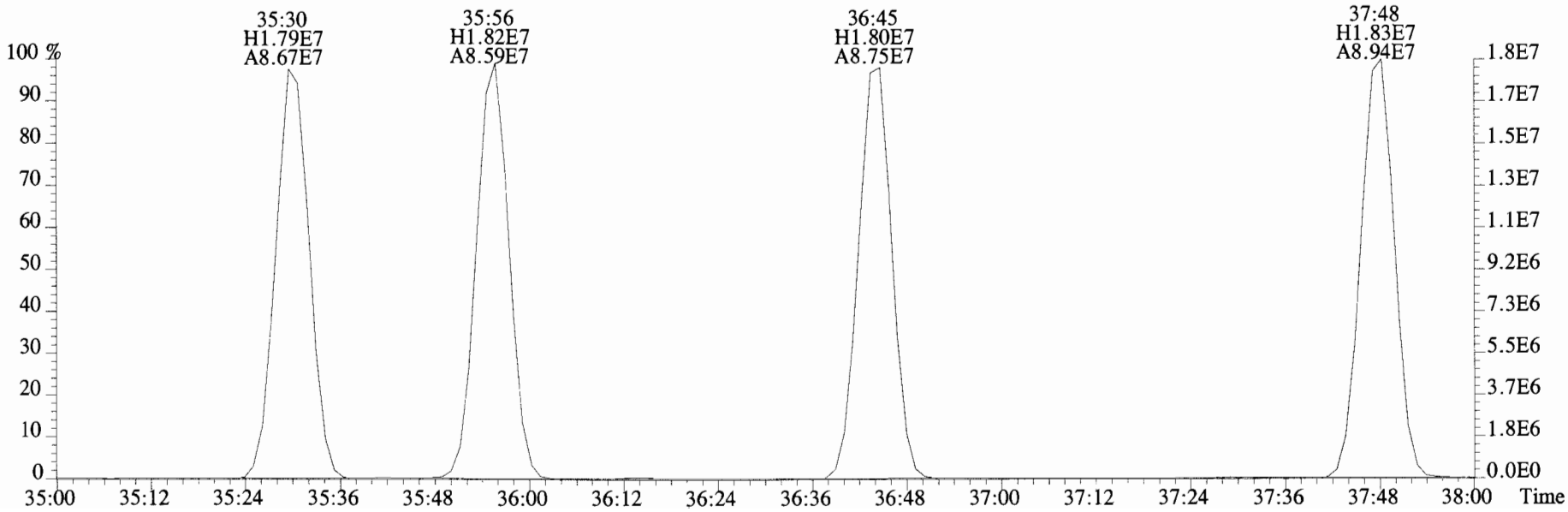
330.9792 S:5 F:3



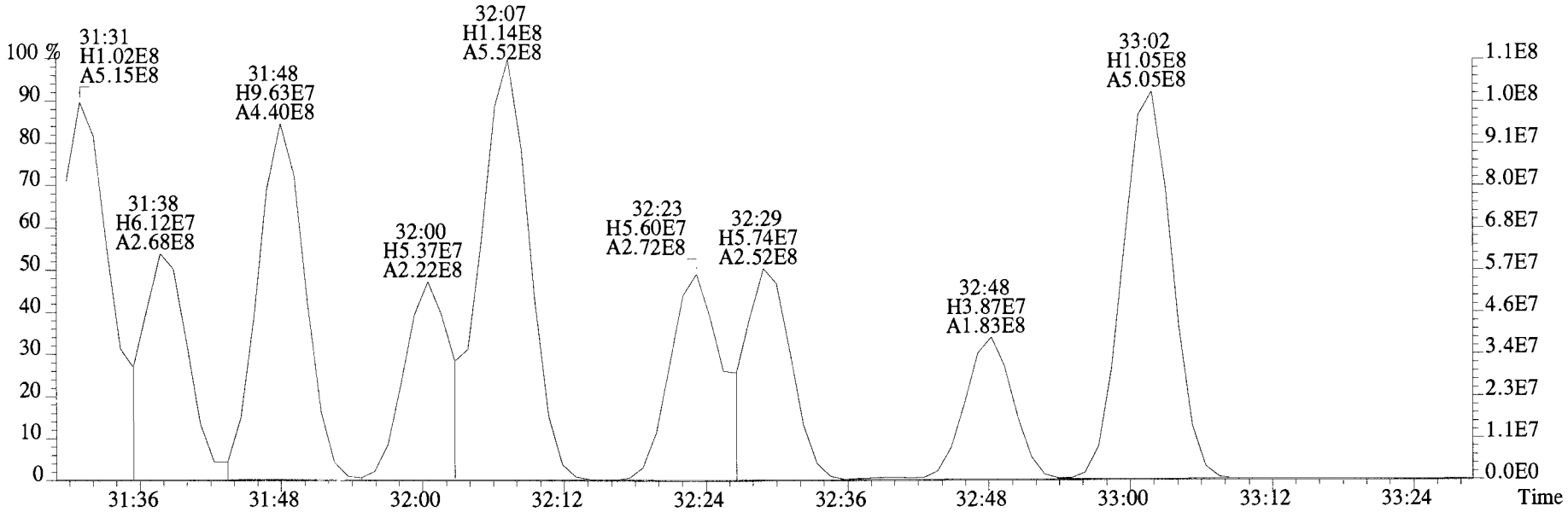
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
301.9626 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37072.0,0.00%,F,F)



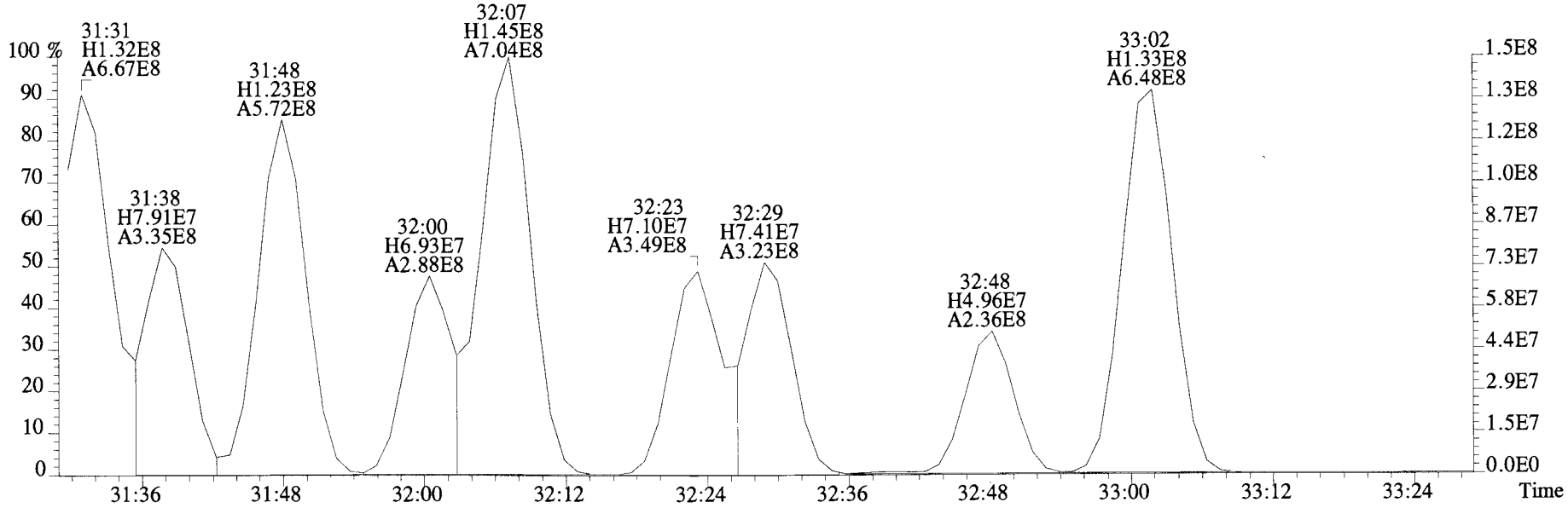
303.9597 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,24508.0,0.00%,F,F)



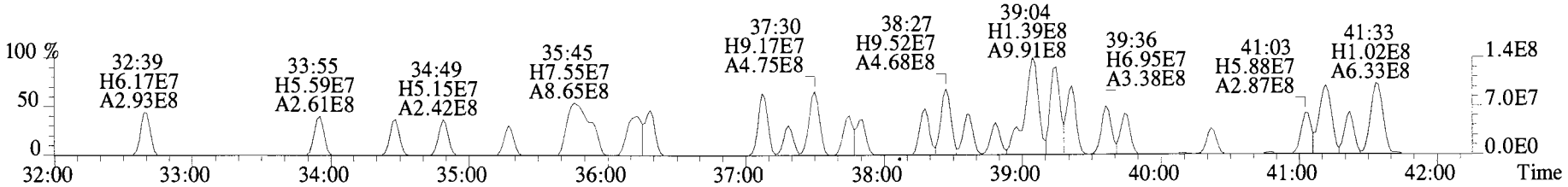
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
289.9224 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,111628.0,0.00%,F,F)



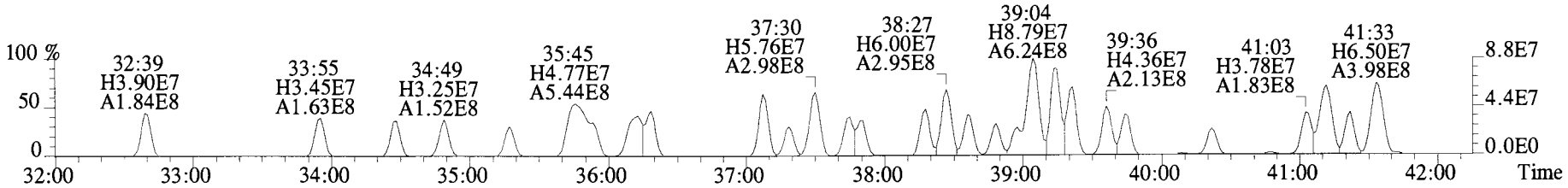
291.9194 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,144080.0,0.00%,F,F)



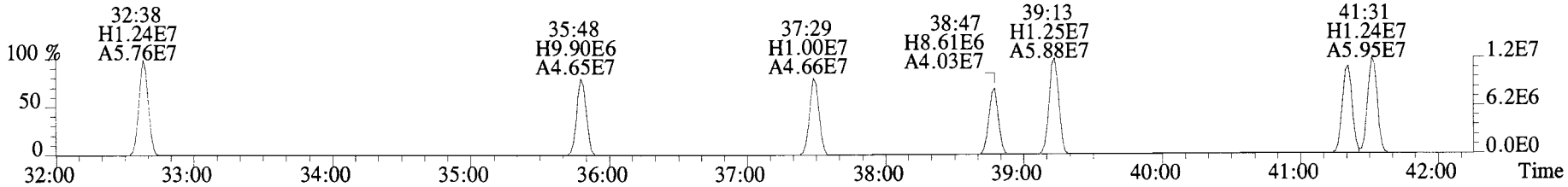
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



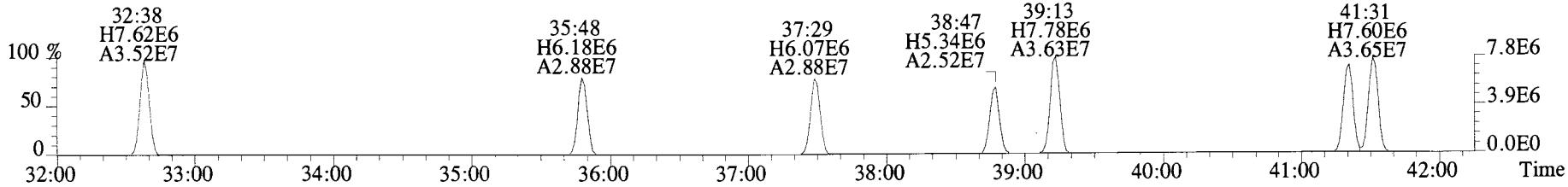
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



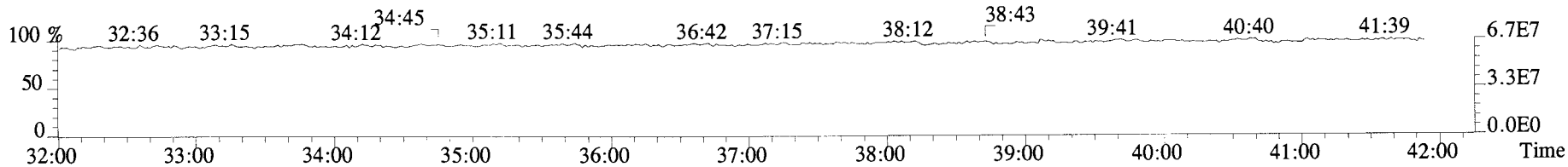
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



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

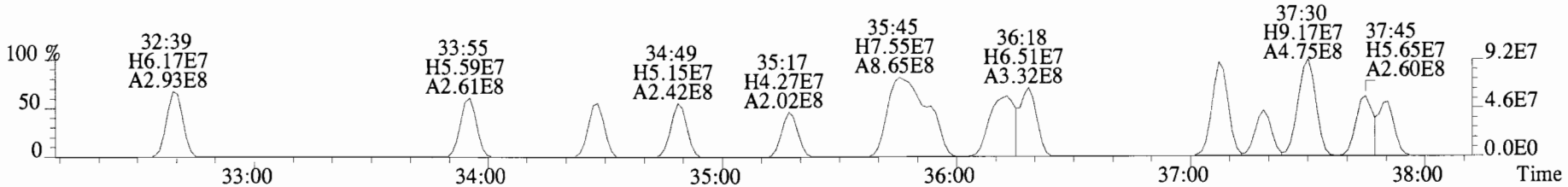


330.9792 S:5 F:3

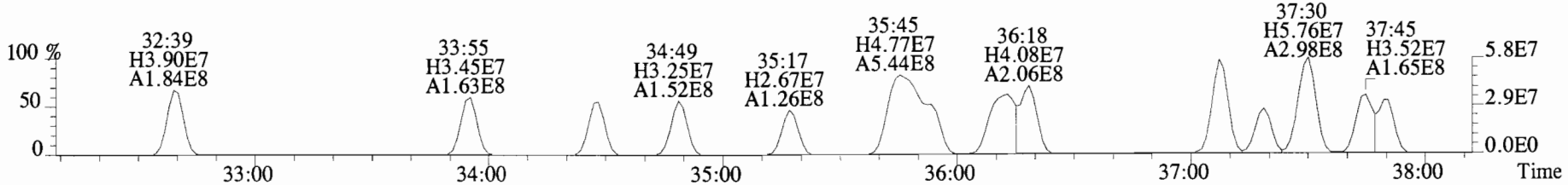


File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

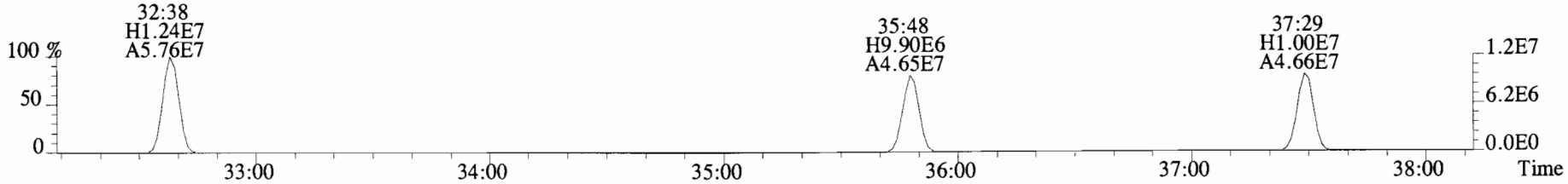
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



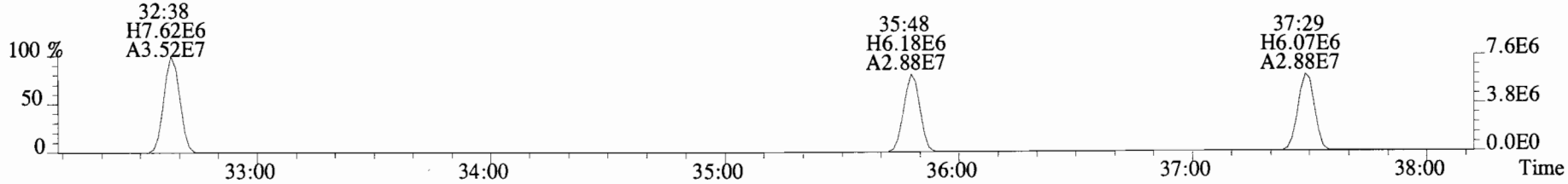
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



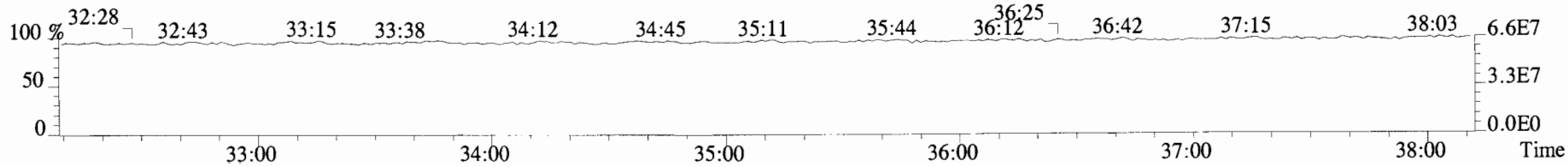
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



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

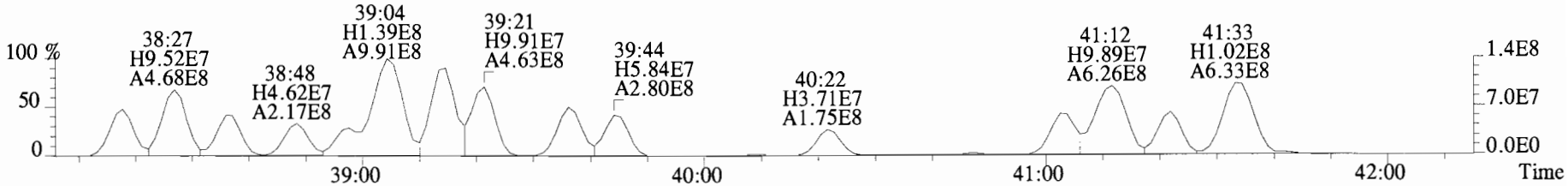


330.9792 S:5 F:3

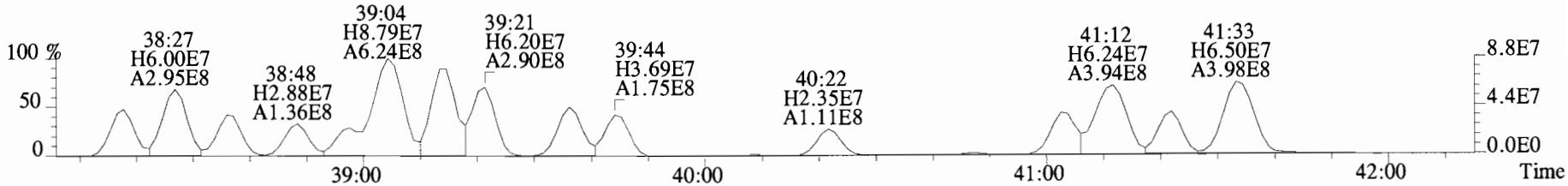


File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

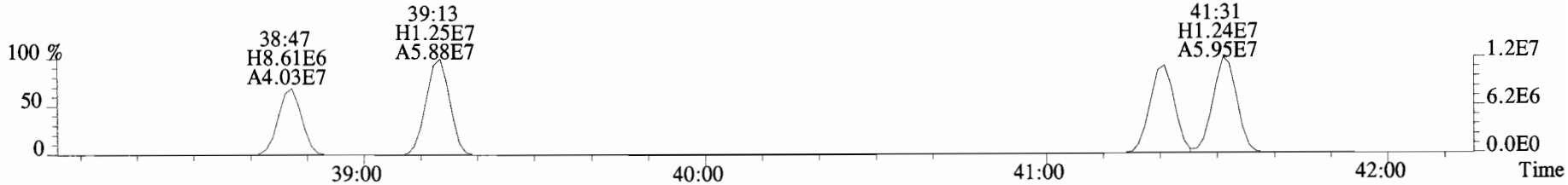
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



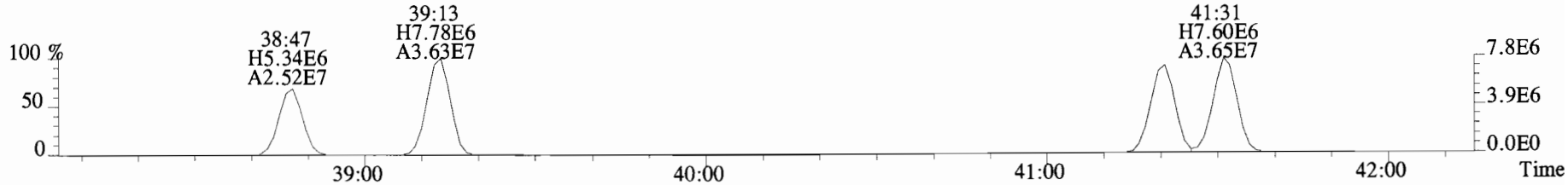
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



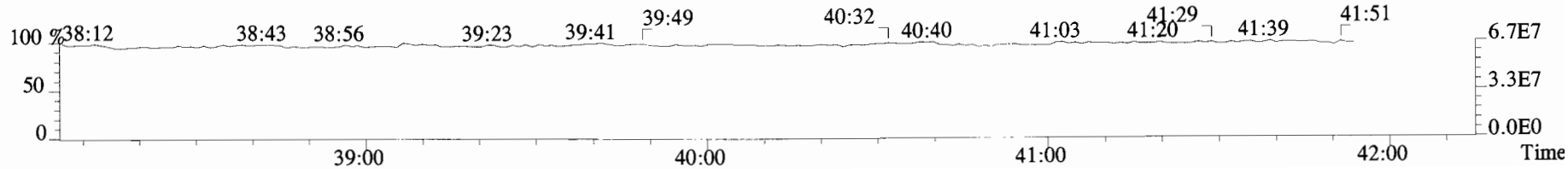
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



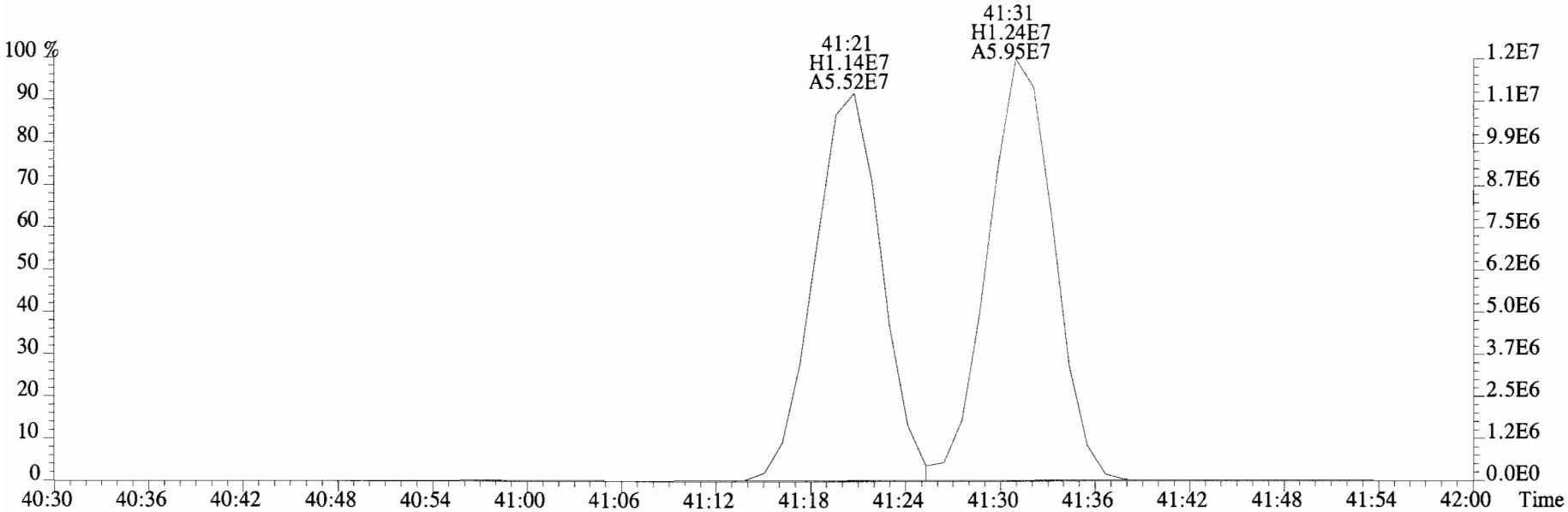
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4312.0,0.00%,F,F)



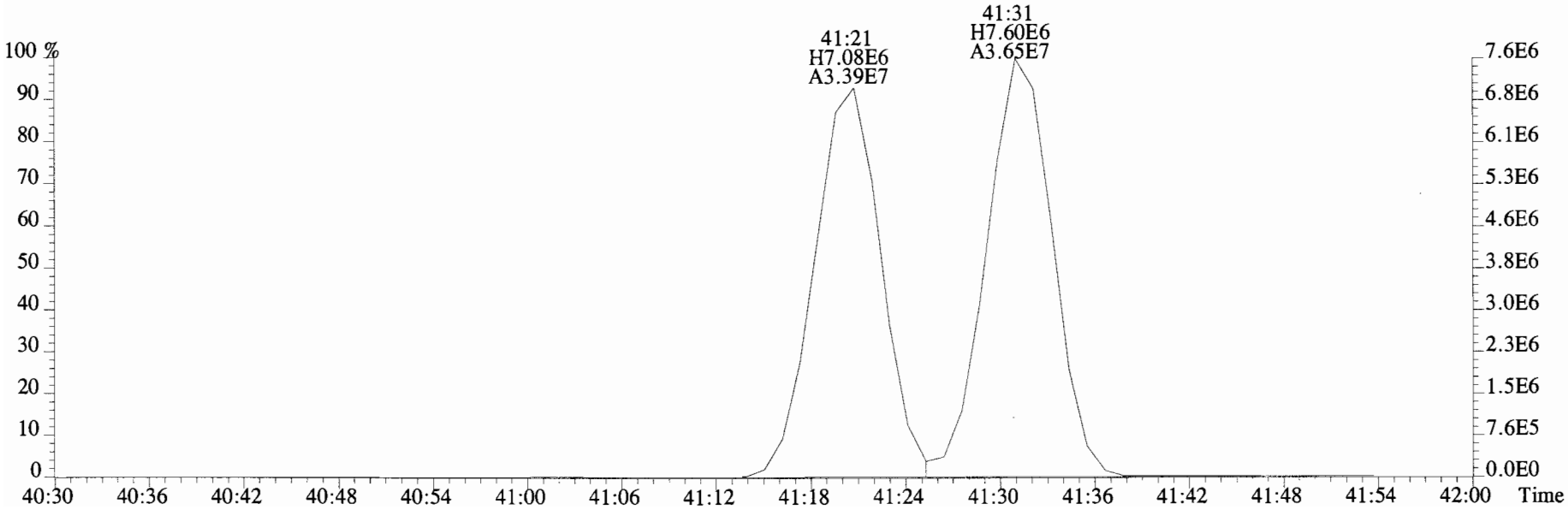
330.9792 S:5 F:3



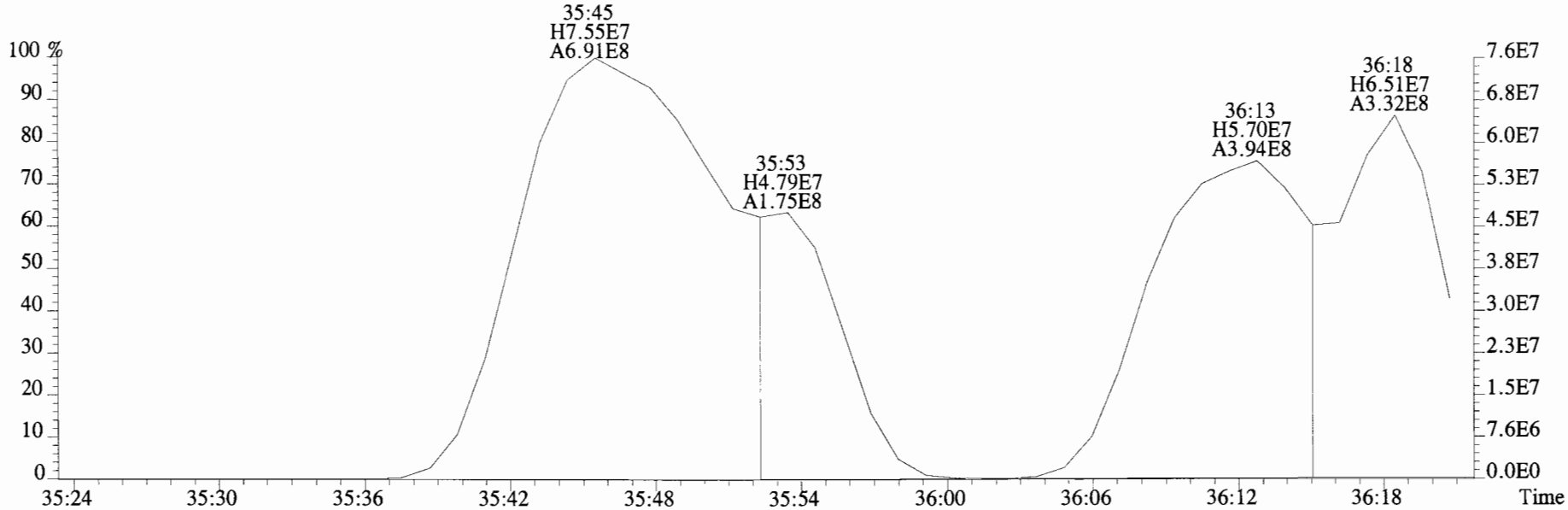
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
337.9207 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5604.0,0.00%,F,F)



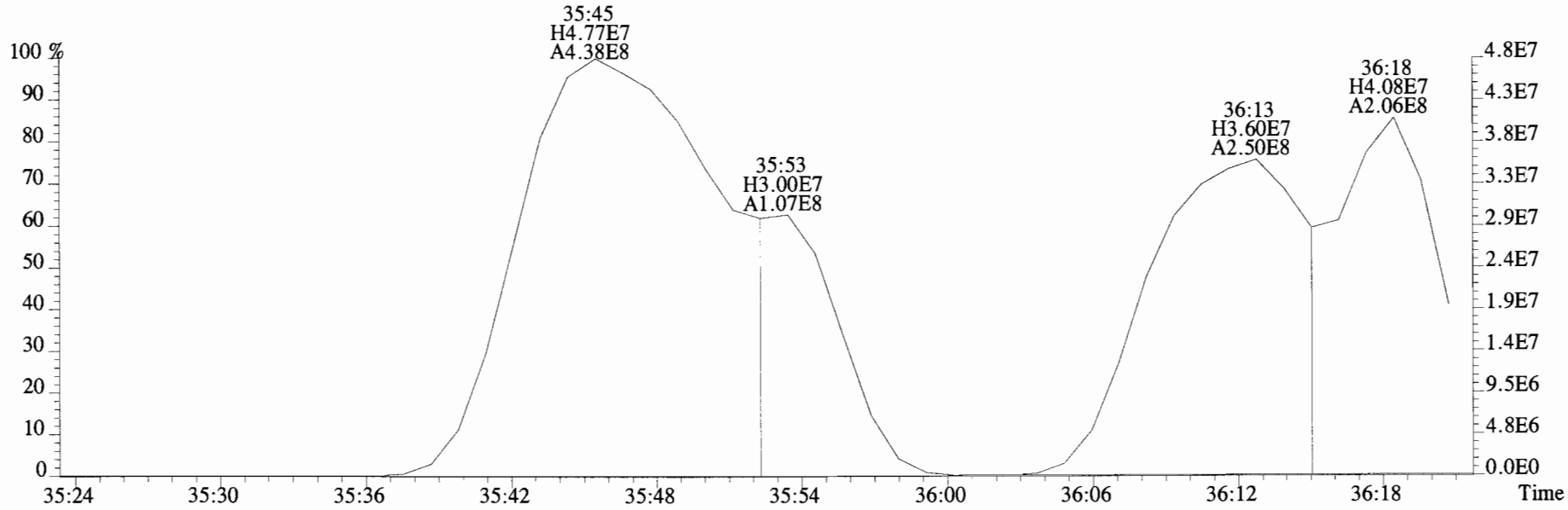
339.9177 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4312.0,0.00%,F,F)



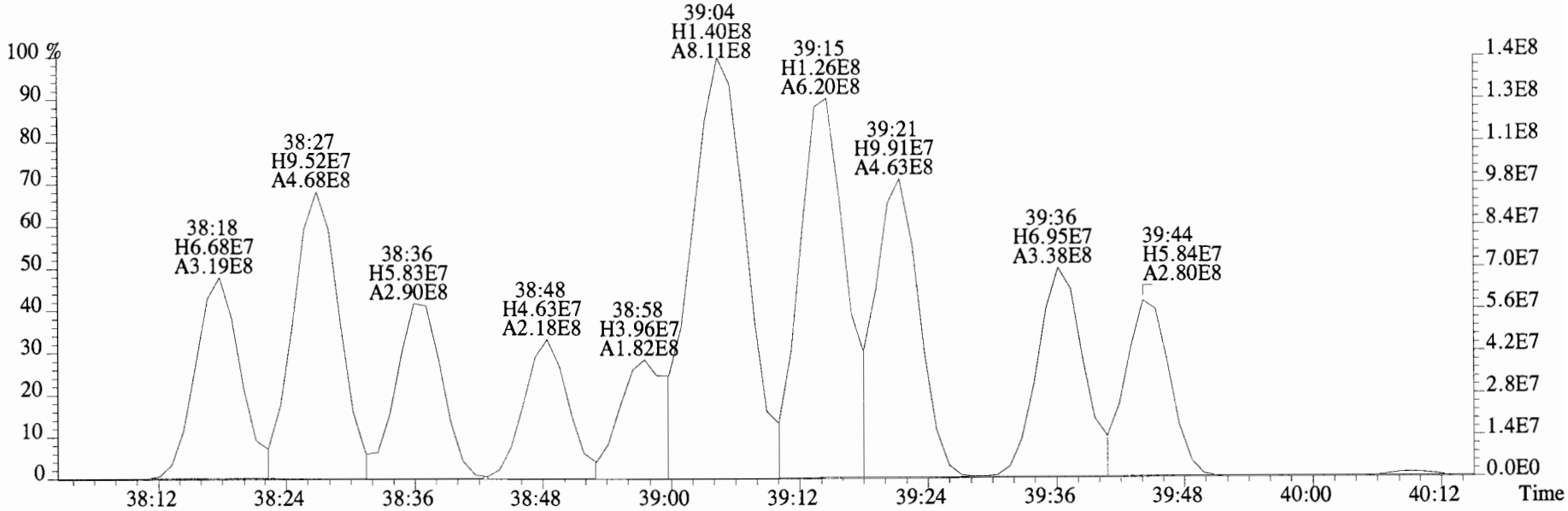
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



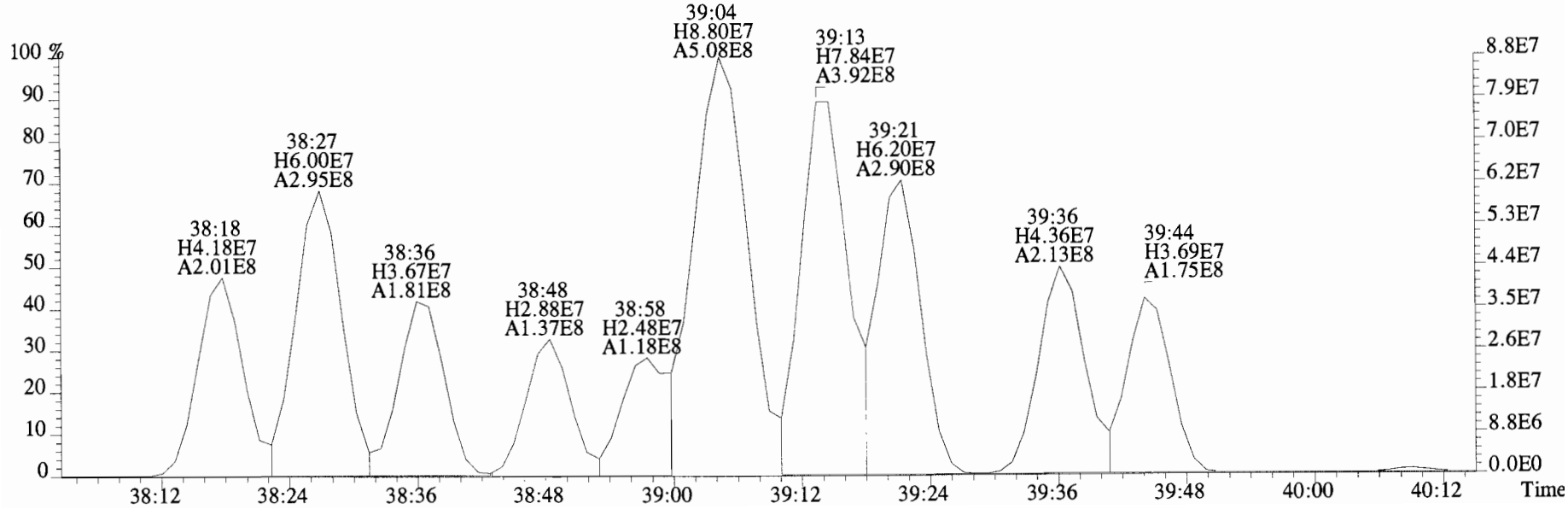
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



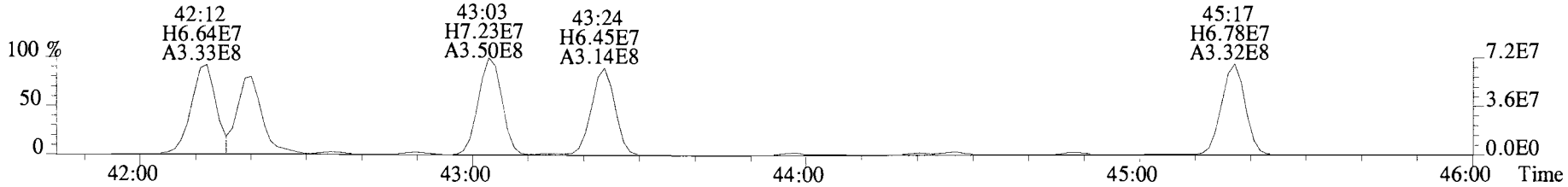
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6280.0,0.00%,F,F)



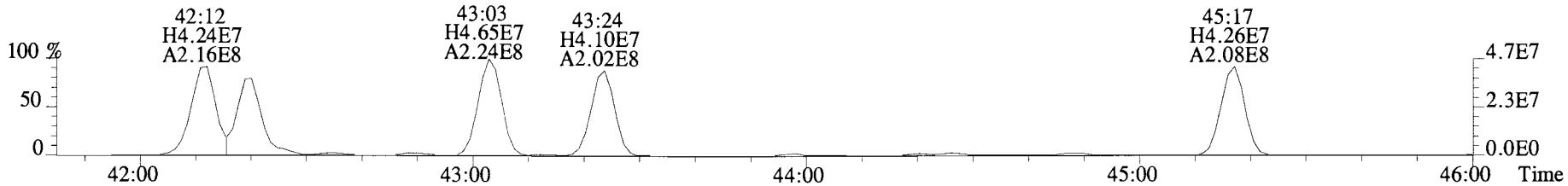
327.8775 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4712.0,0.00%,F,F)



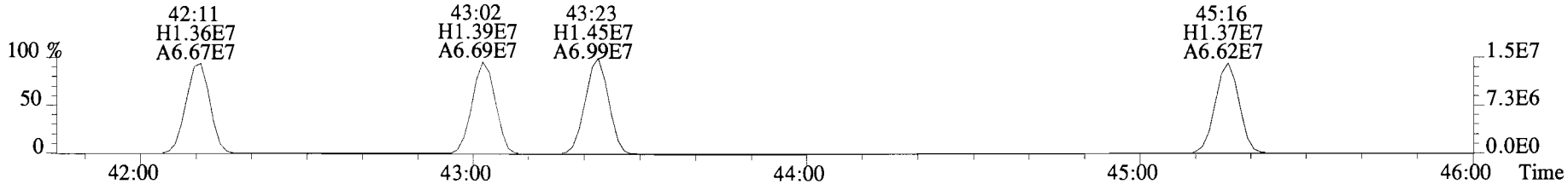
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30272.0,0.00%,F,F)



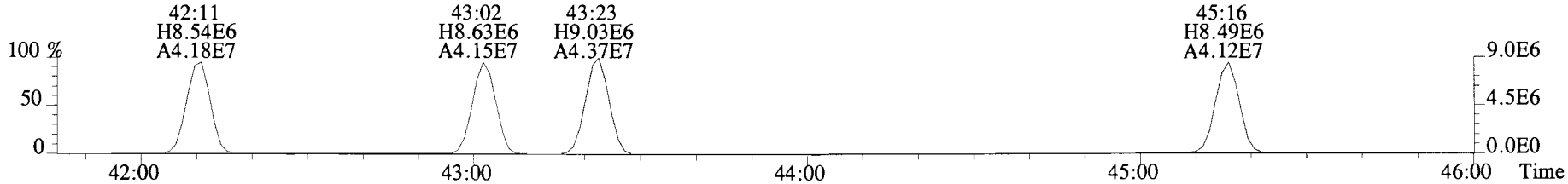
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20976.0,0.00%,F,F)



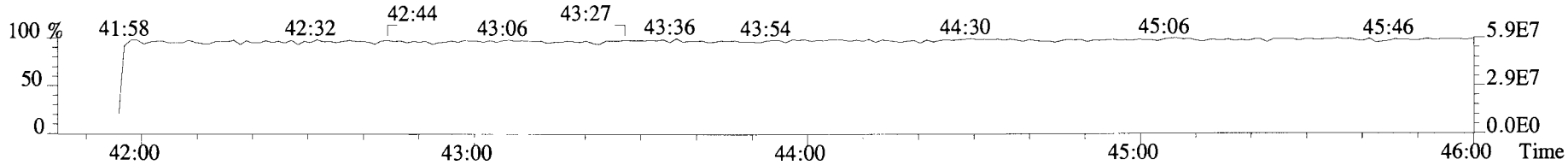
337.9207 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8728.0,0.00%,F,F)



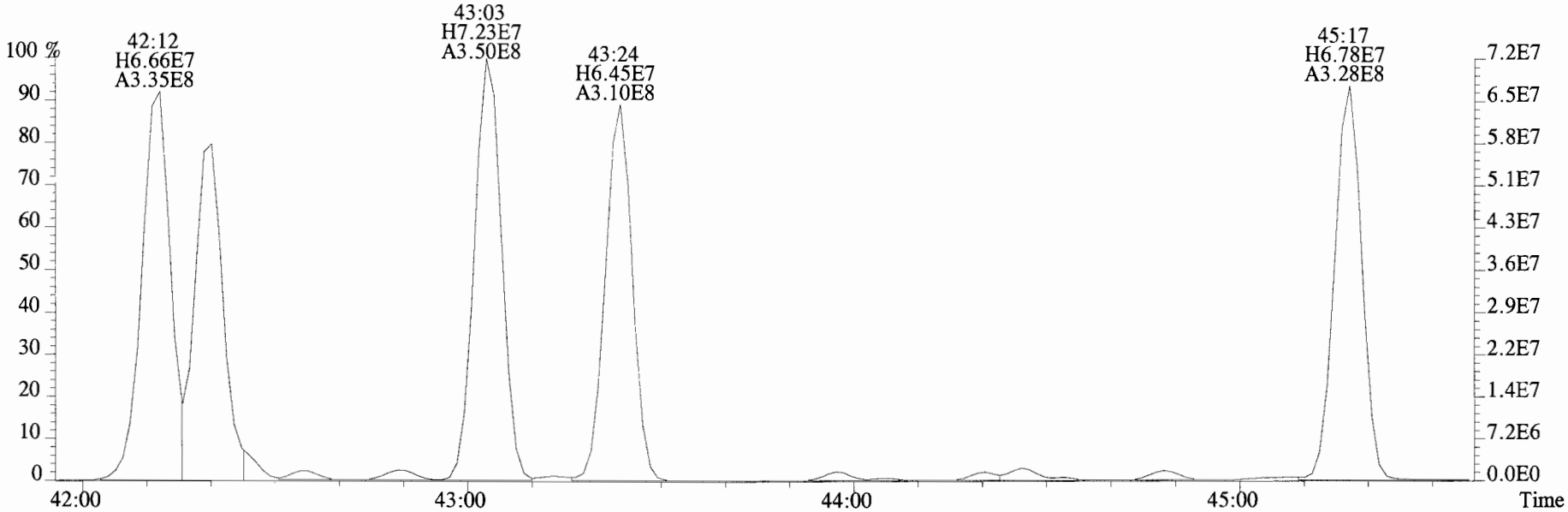
339.9177 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8072.0,0.00%,F,F)



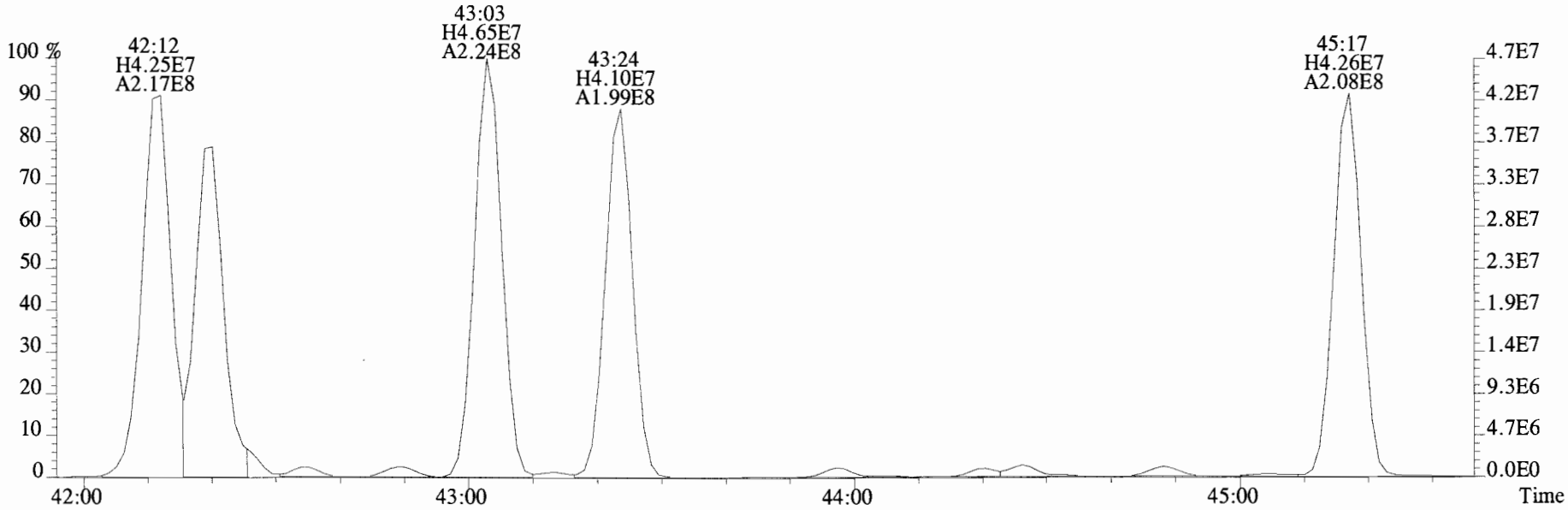
380.9760 S:5 F:4



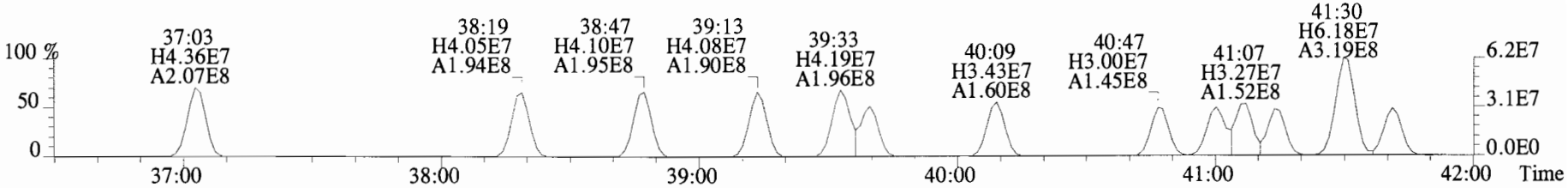
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
325.8804 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,30272.0,0.00%,F,F)



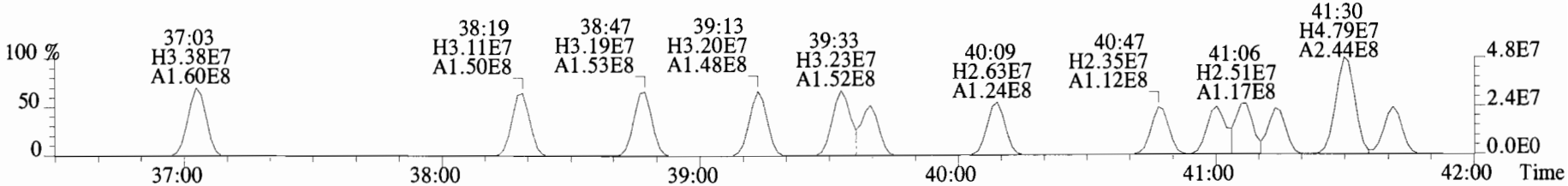
327.8775 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20976.0,0.00%,F,F)



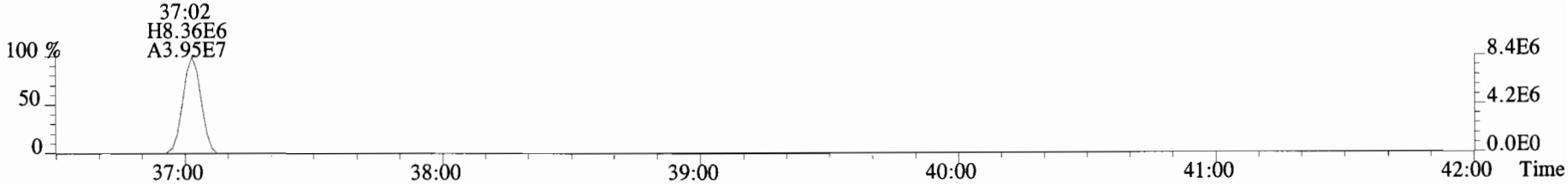
File:171027E1 #1-759 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2500.0,0.00%,F,F)



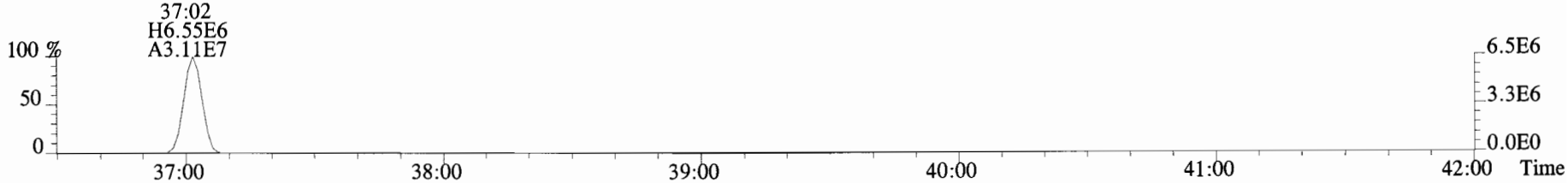
361.8385 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2236.0,0.00%,F,F)



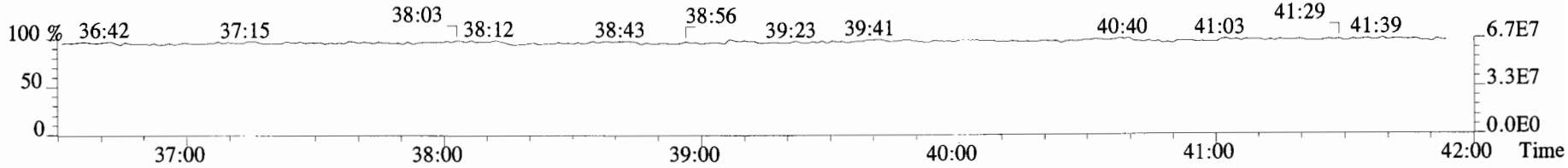
371.8817 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2436.0,0.00%,F,F)



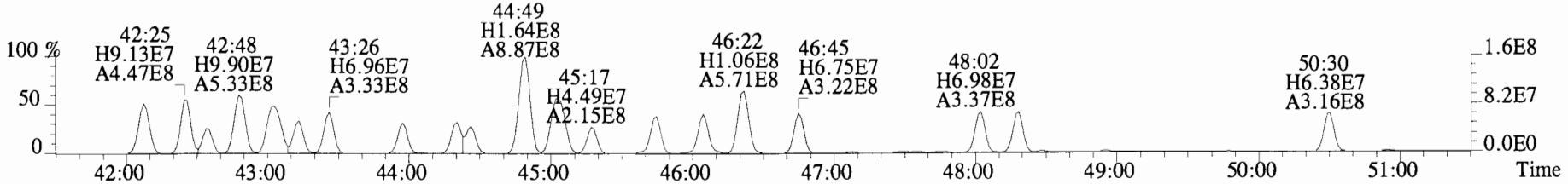
373.8788 S:5 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2772.0,0.00%,F,F)



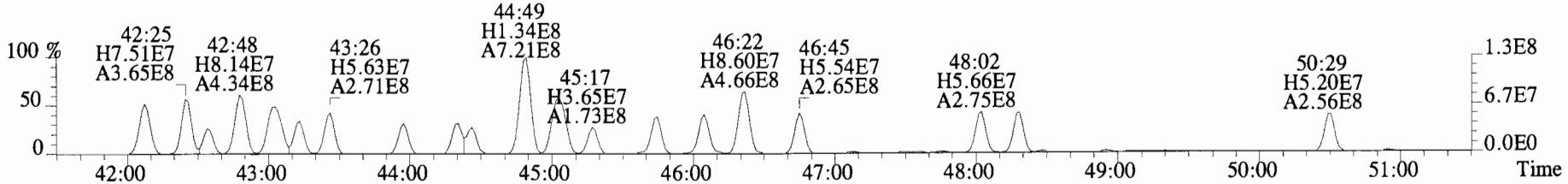
330.9792 S:5 F:3



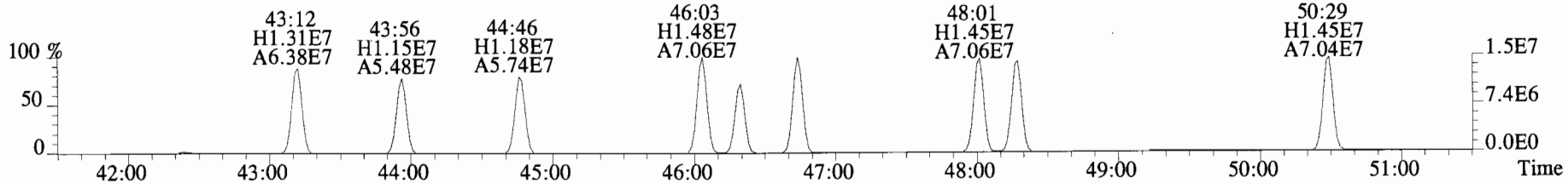
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,314756.0,0.00%,F,F)



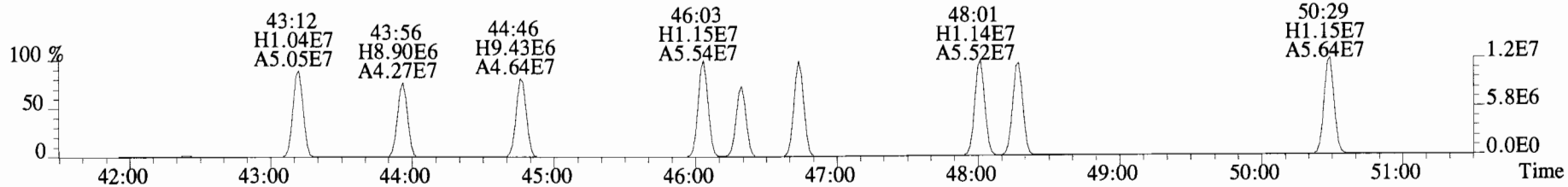
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,248180.0,0.00%,F,F)



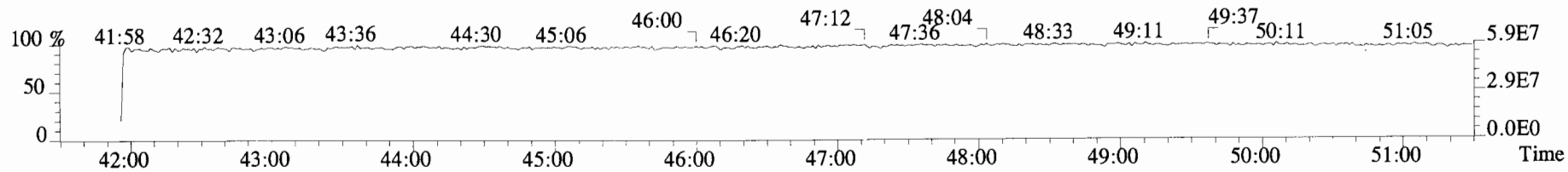
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18952.0,0.00%,F,F)



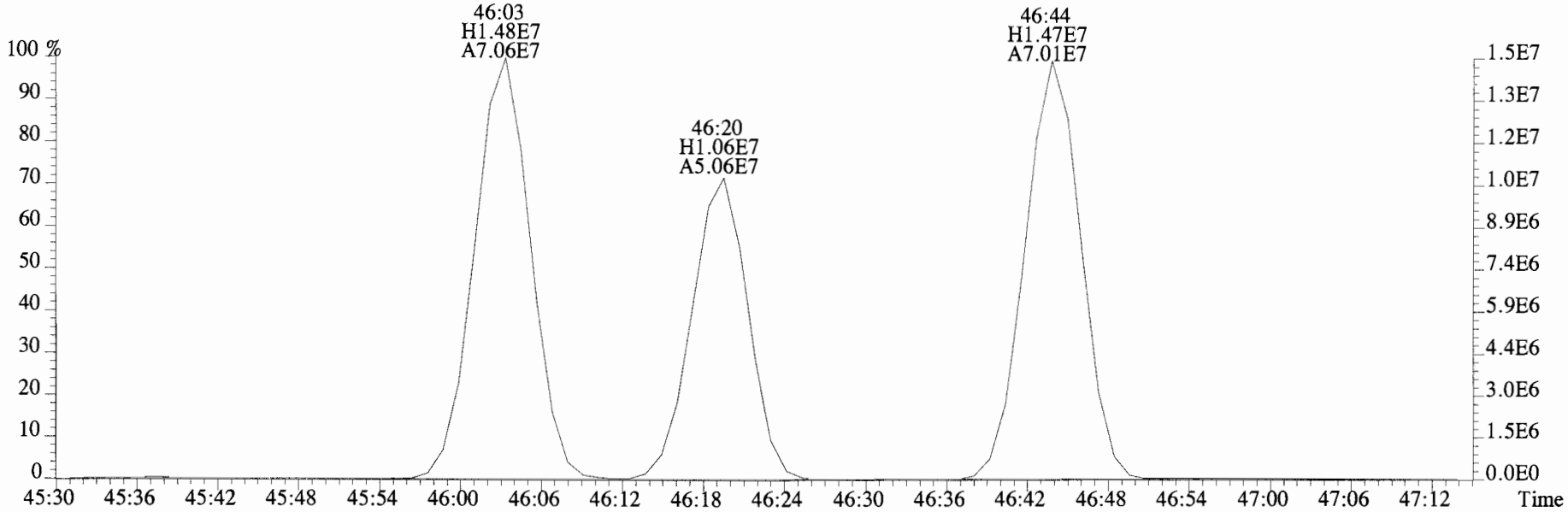
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13580.0,0.00%,F,F)



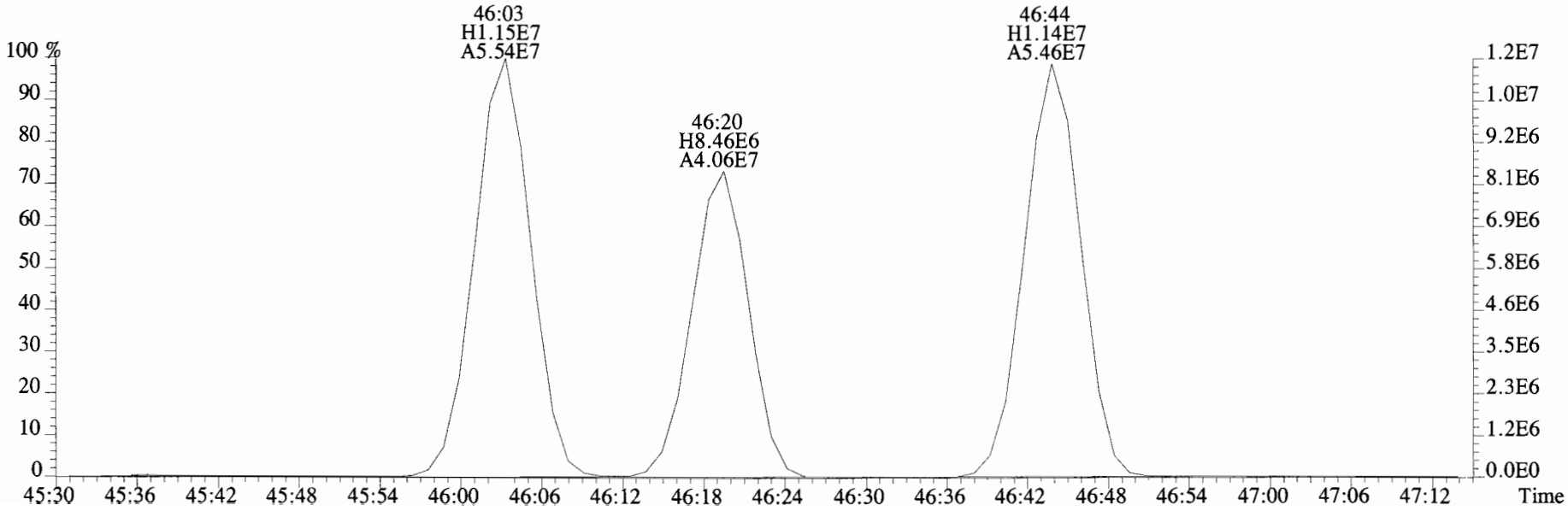
380.9760 S:5 F:4



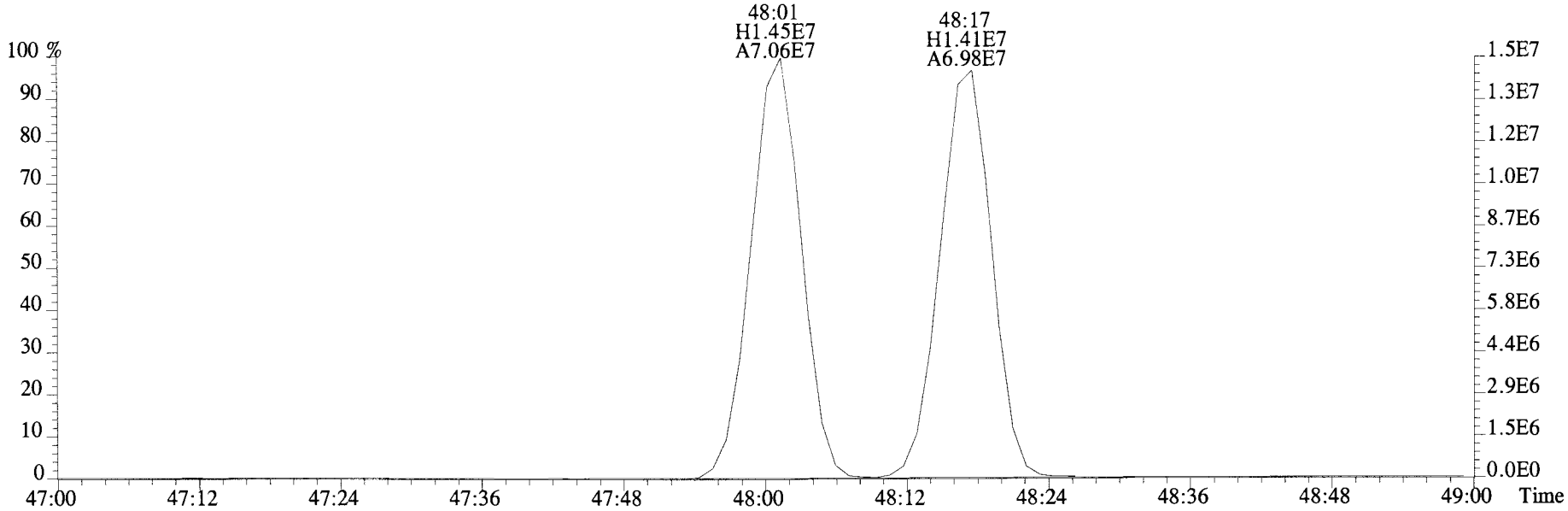
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18952.0,0.00%,F,F)



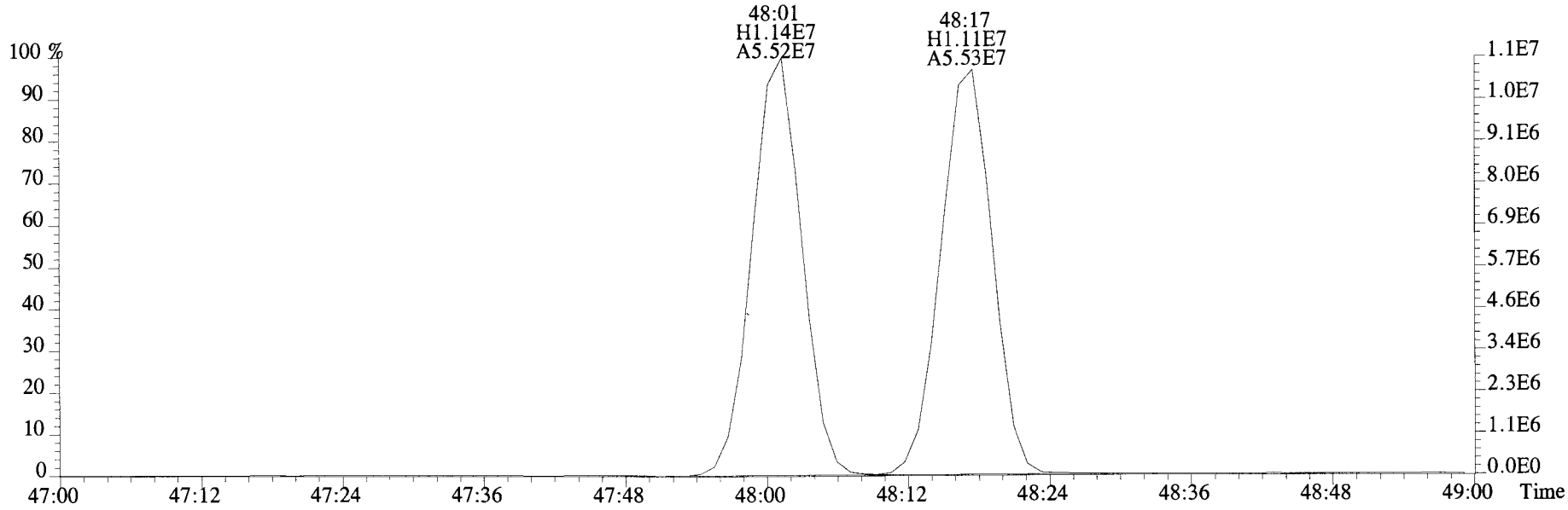
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13580.0,0.00%,F,F)



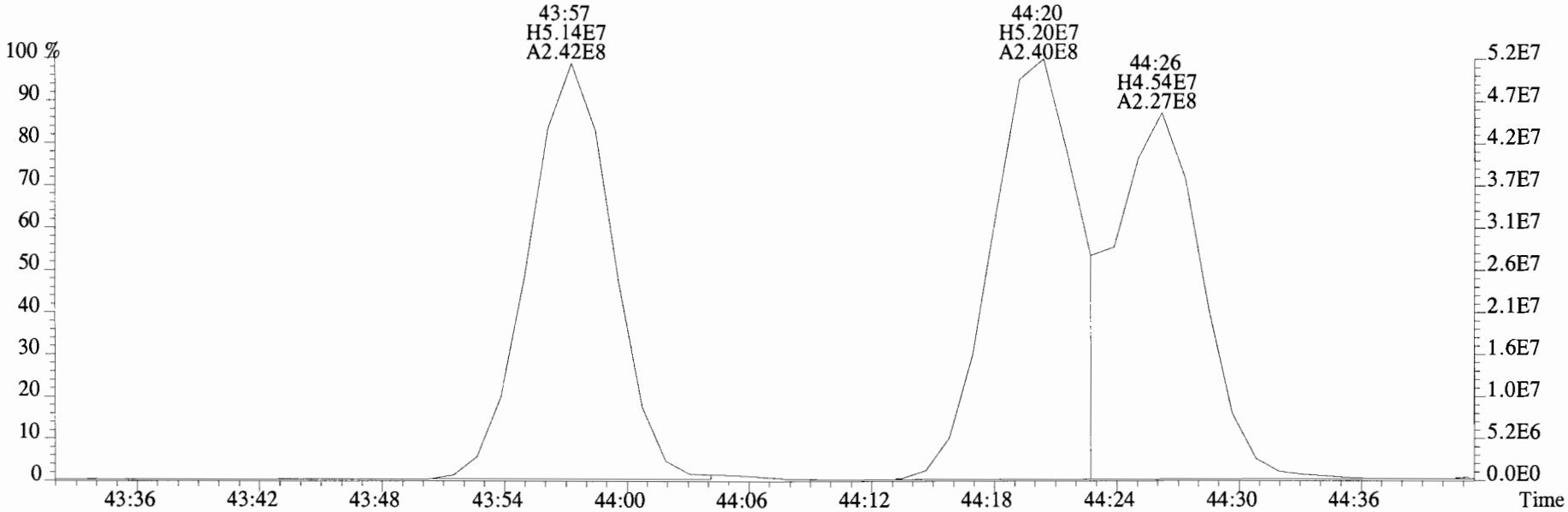
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
371.8817 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18952.0,0.00%,F,F)



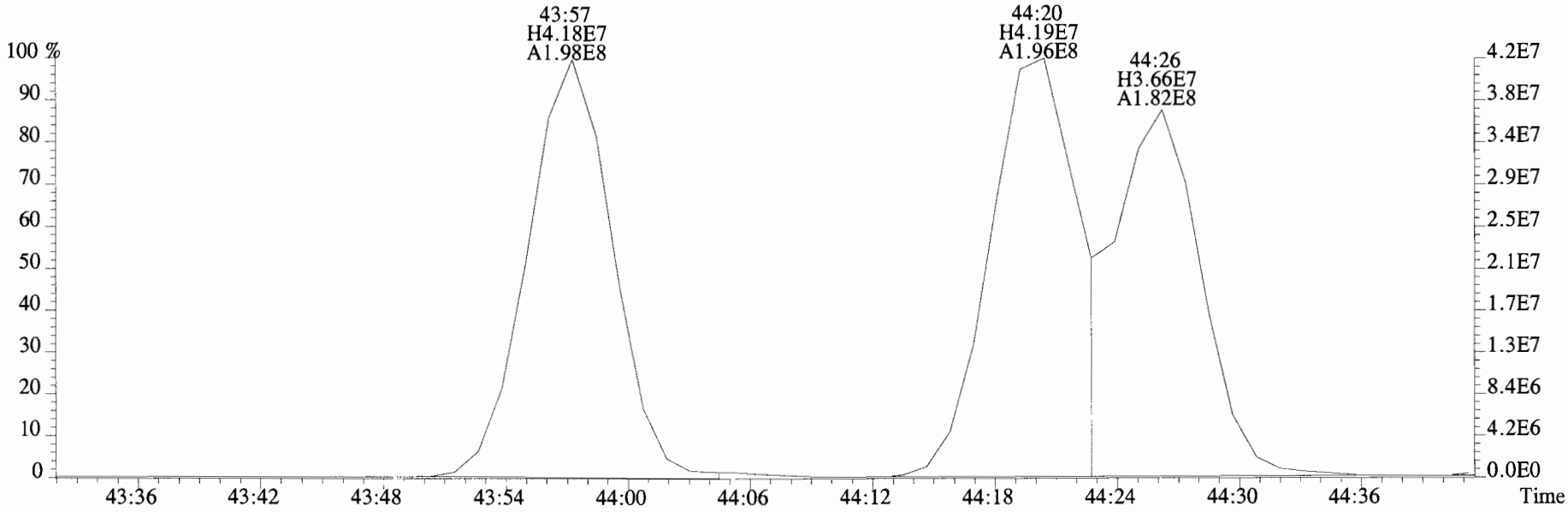
373.8788 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13580.0,0.00%,F,F)



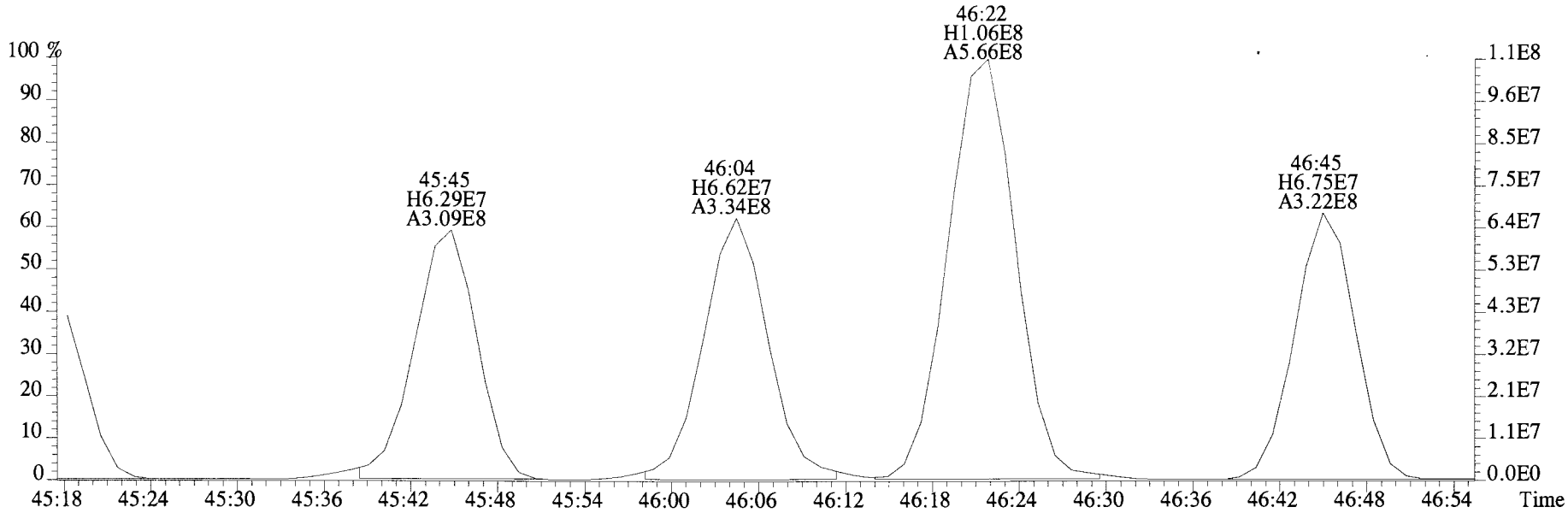
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,314756.0,0.00%,F,F)



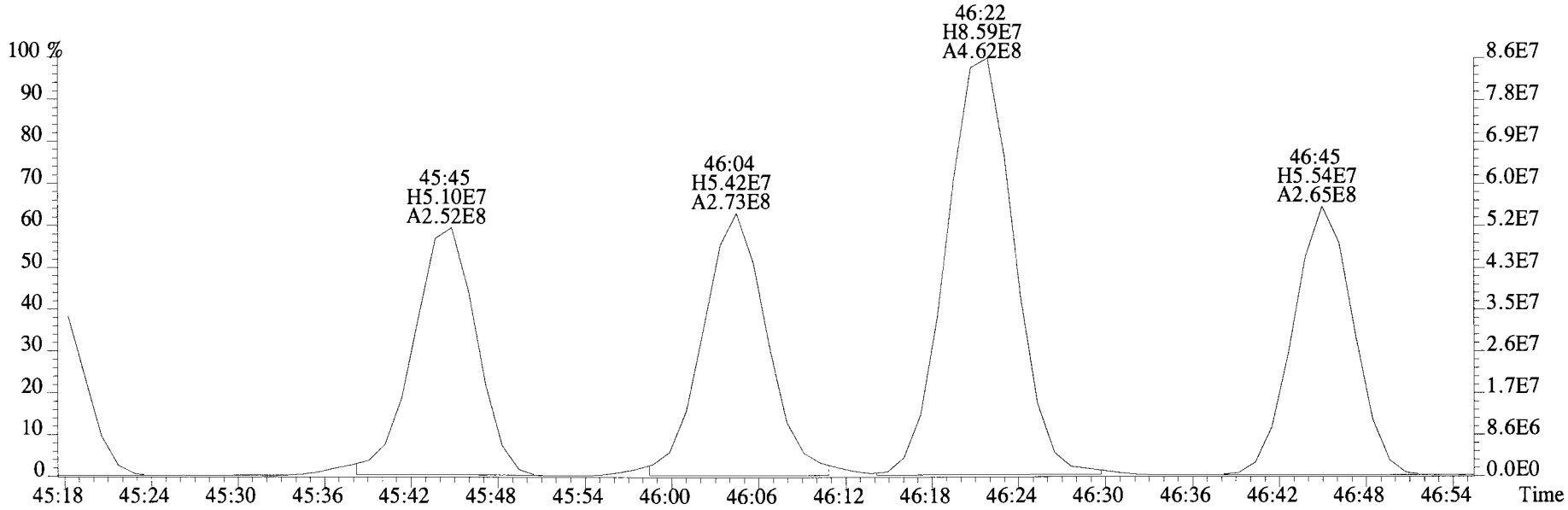
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,248180.0,0.00%,F,F)



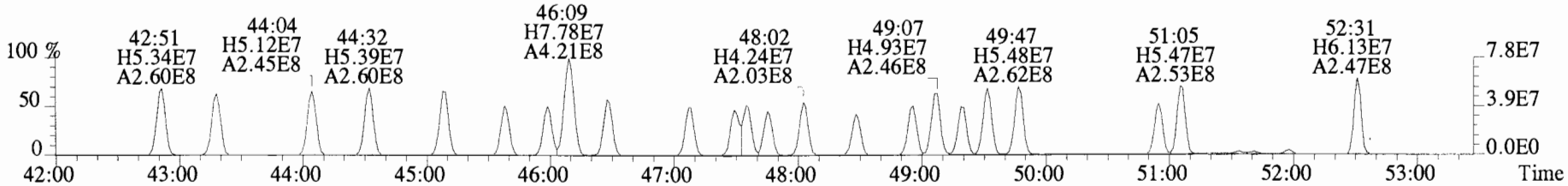
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
359.8415 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,314756.0,0.00%,F,F)



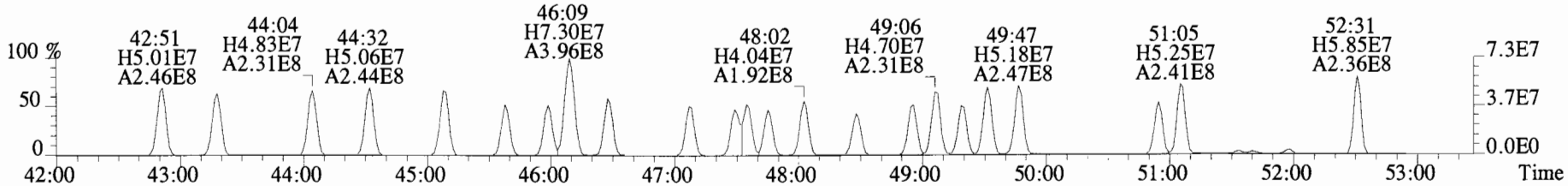
361.8385 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,248180.0,0.00%,F,F)



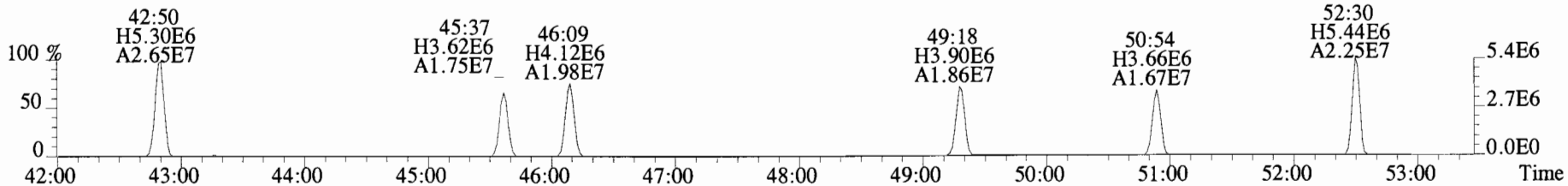
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
393.8025 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,232312.0,0.00%,F,F)



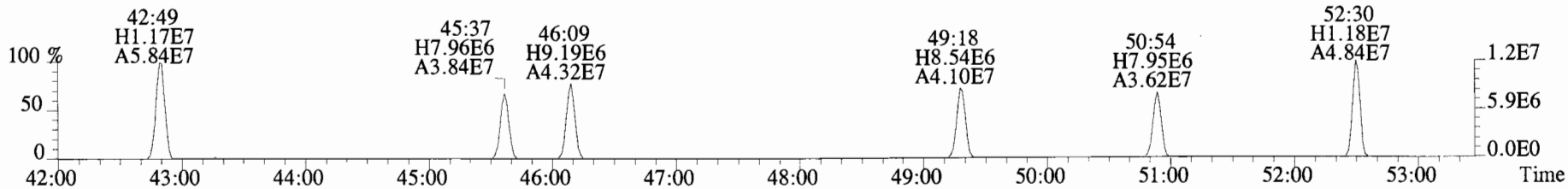
395.7995 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,215832.0,0.00%,F,F)



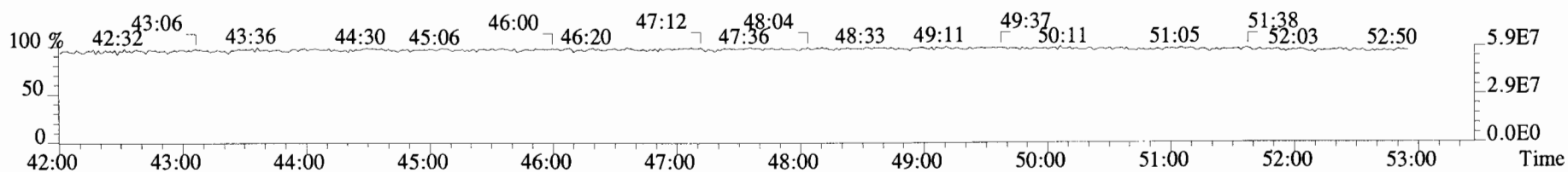
403.8457 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7636.0,0.00%,F,F)



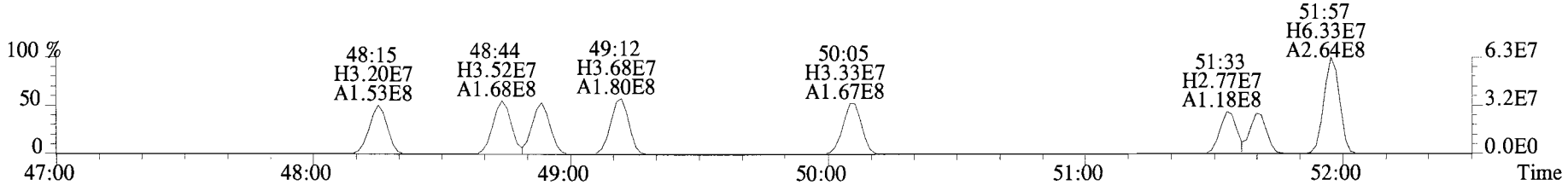
405.8428 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11096.0,0.00%,F,F)



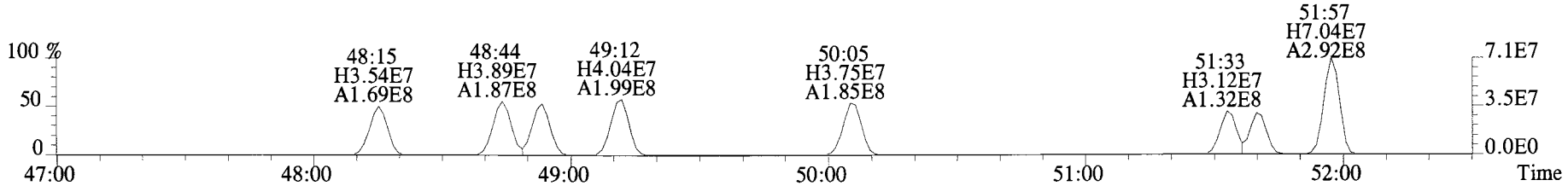
380.9760 S:5 F:4



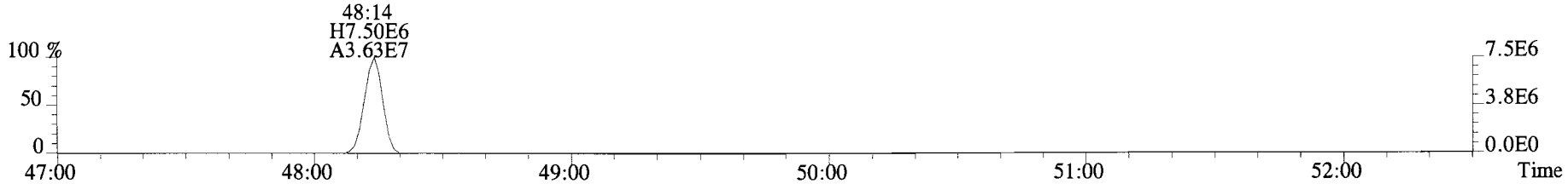
File:171027E1 #1-571 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
427.7635 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,37640.0,0.00%,F,F)



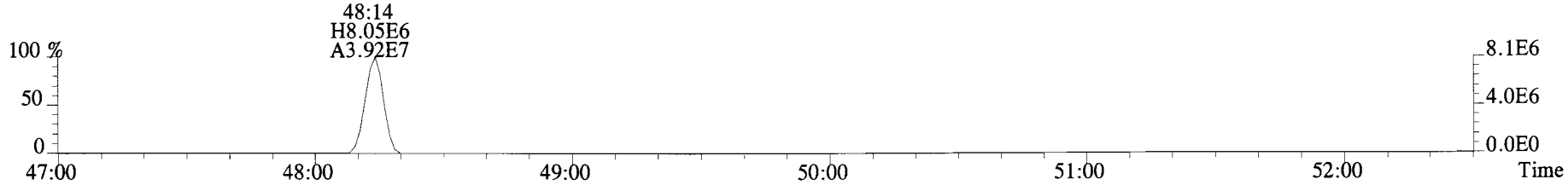
429.7606 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2128.0,0.00%,F,F)



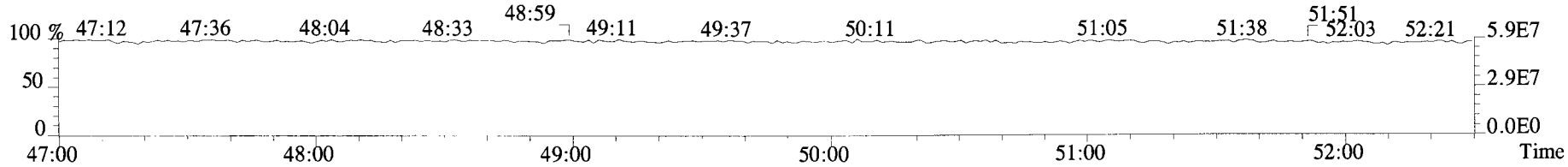
439.8038 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2988.0,0.00%,F,F)



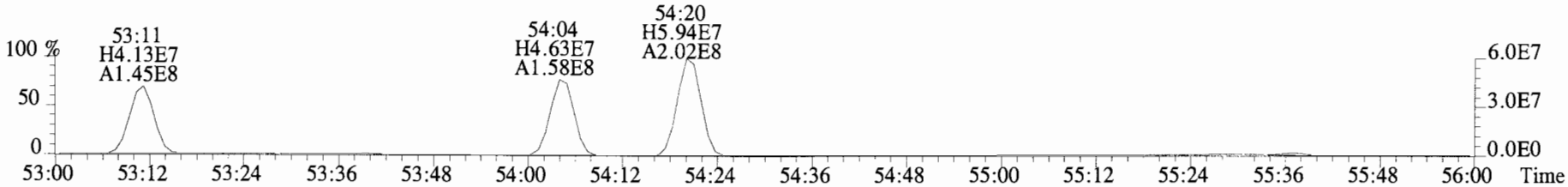
441.8008 S:5 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3504.0,0.00%,F,F)



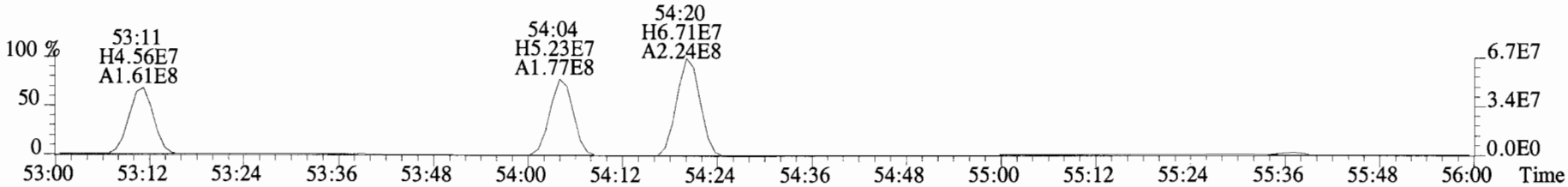
380.9760 S:5 F:4



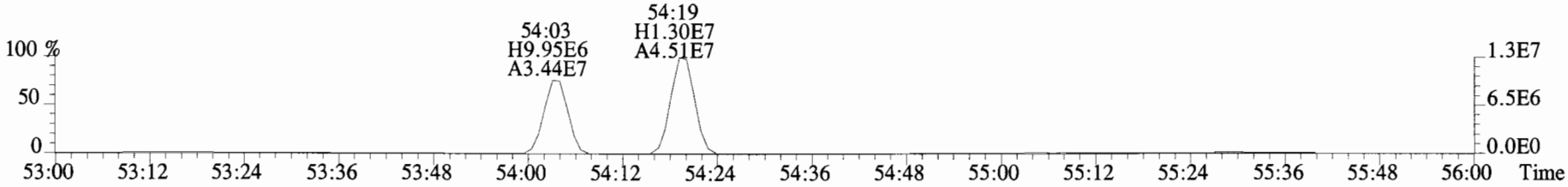
File:171027E1 #1-407 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
427.7635 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,179796.0,0.00%,F,F)



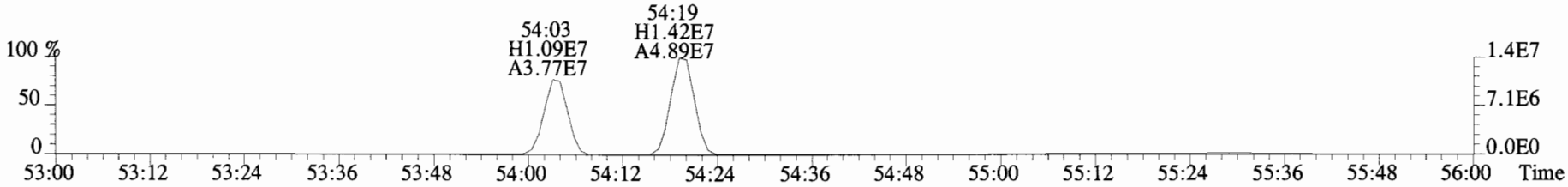
429.7606 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,192556.0,0.00%,F,F)



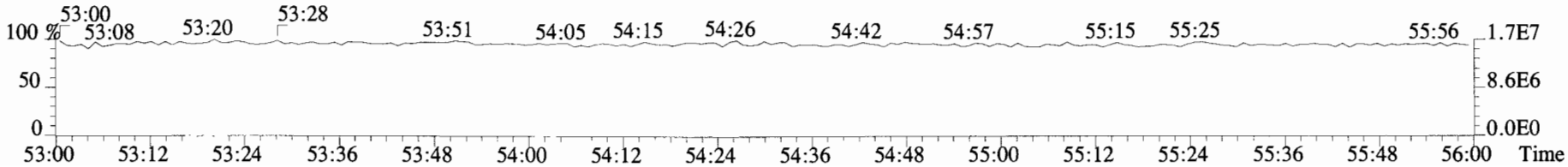
439.8038 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5488.0,0.00%,F,F)



441.8008 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4756.0,0.00%,F,F)

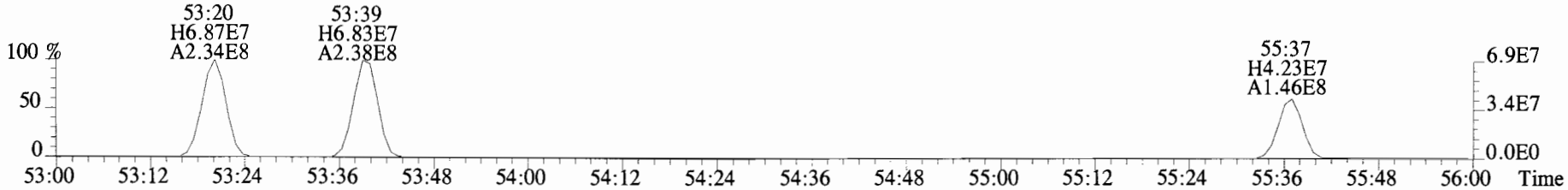


492.9697 S:5 F:5

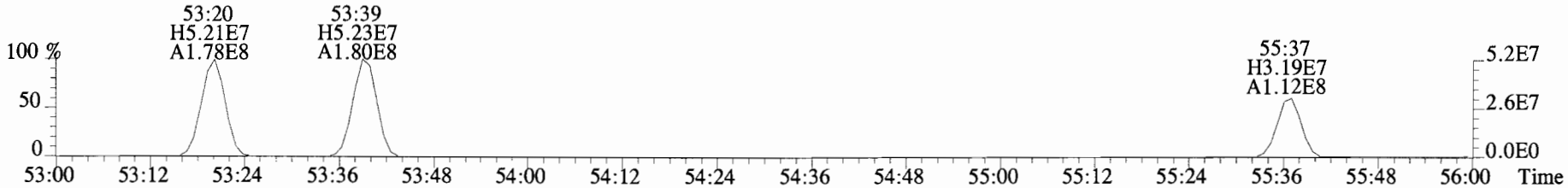


File:171027E1 #1-407 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1

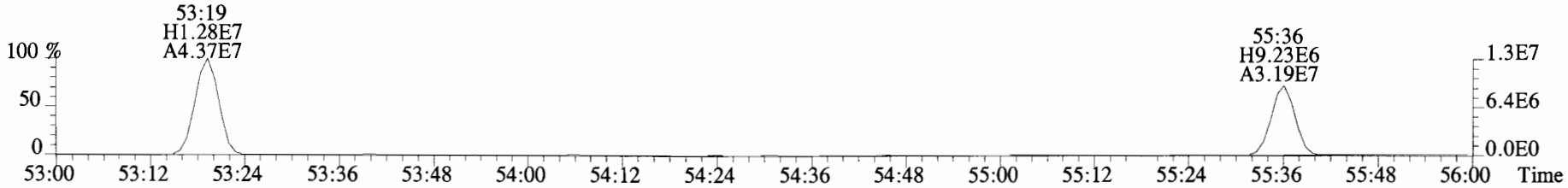
463.7216 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,153632.0,0.00%,F,F)



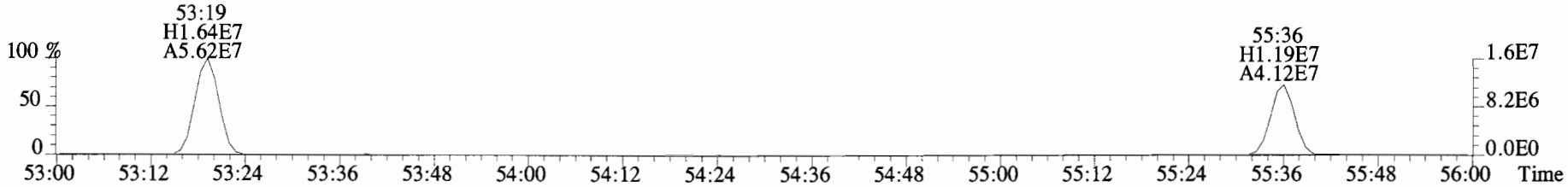
465.7186 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,113464.0,0.00%,F,F)



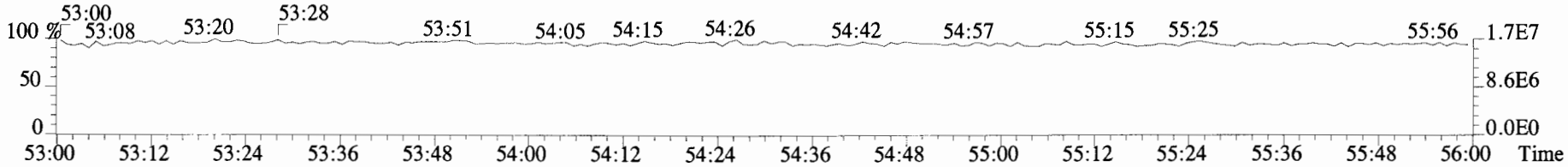
473.7648 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,38244.0,0.00%,F,F)



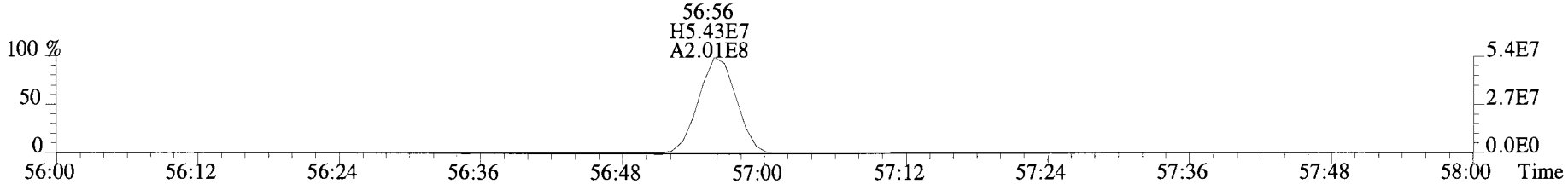
475.7619 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,45104.0,0.00%,F,F)



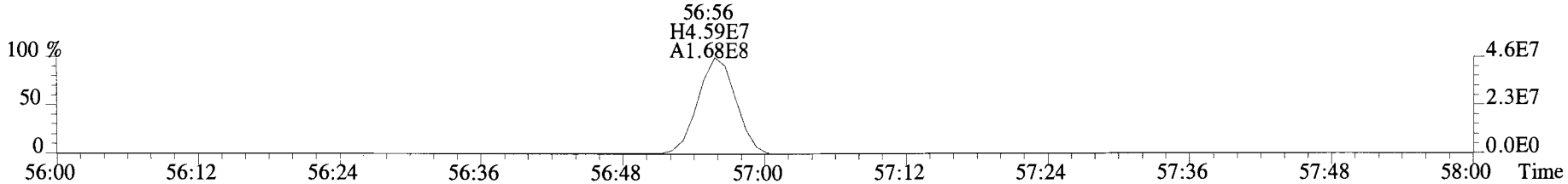
492.9697 S:5 F:5



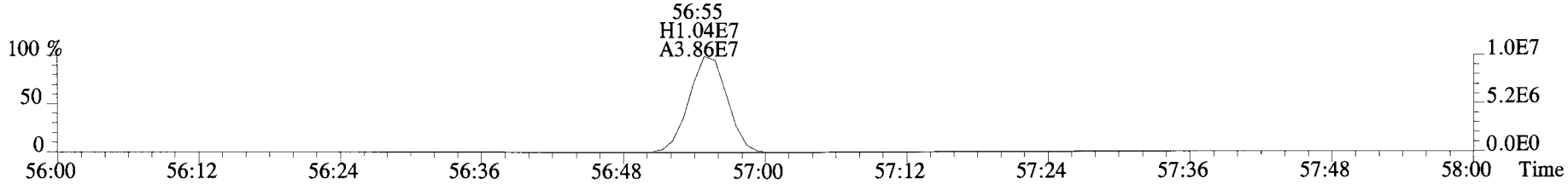
File:171027E1 #1-407 Acq:27-OCT-2017 14:47:57 GC EI+ Voltage SIR Autospec-UltimaE
Sample#5 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-5 PCB CS4 17C0312 Exp:PCB_ZB1
497.6826 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1572.0,0.00%,F,F)



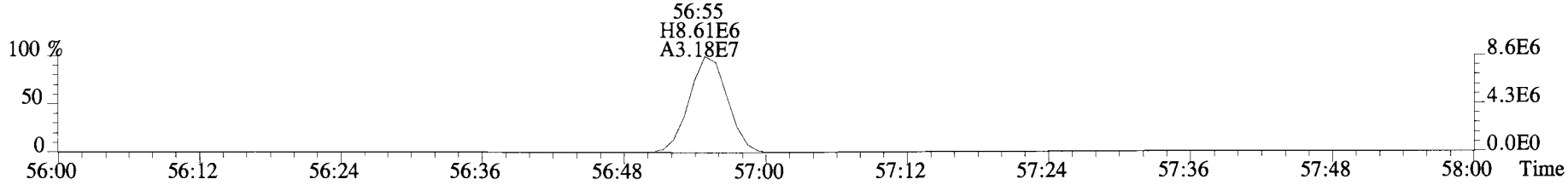
499.6797 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1544.0,0.00%,F,F)



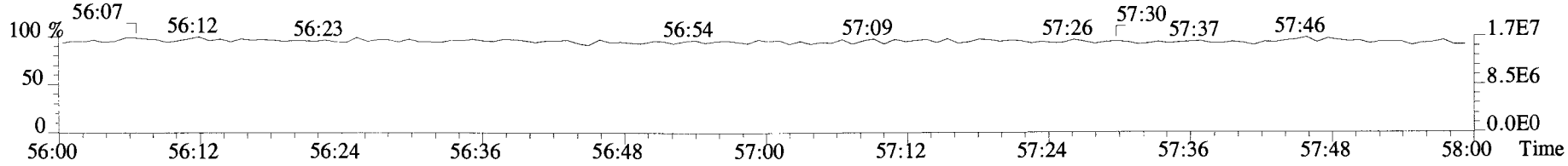
509.7229 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1672.0,0.00%,F,F)



511.7199 S:5 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1496.0,0.00%,F,F)

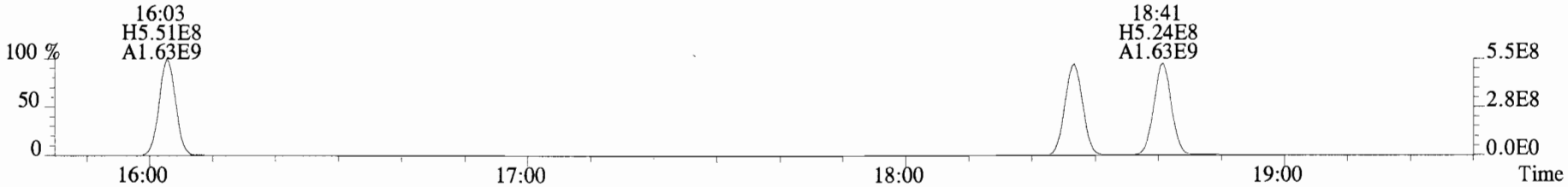


492.9697 S:5 F:5

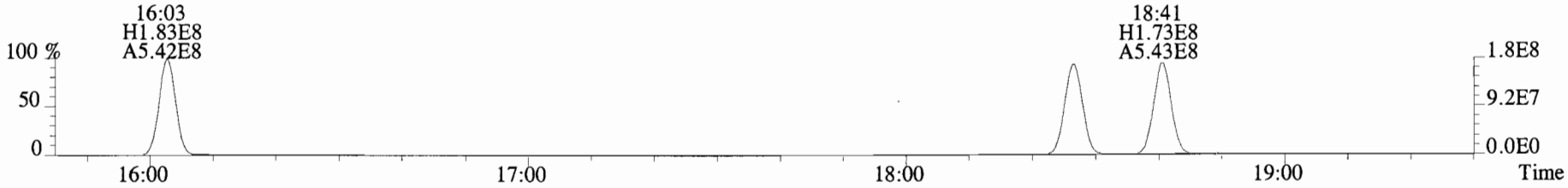


File:171027E1 #1-867 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

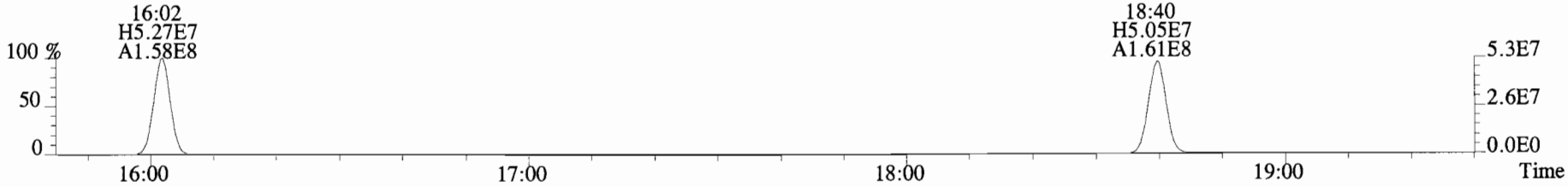
188.0393 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9328.0,0.00%,F,F)



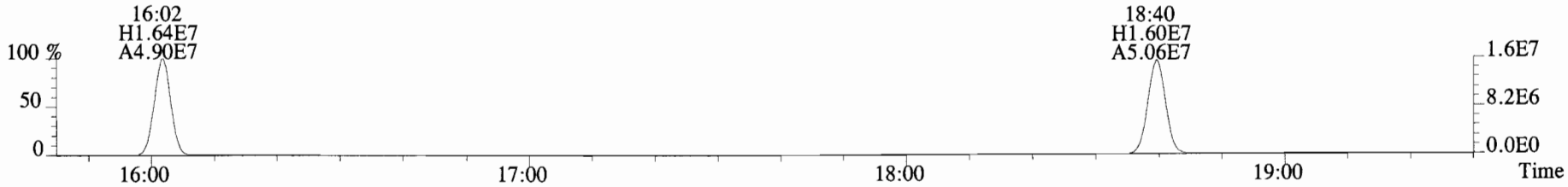
190.0363 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7576.0,0.00%,F,F)



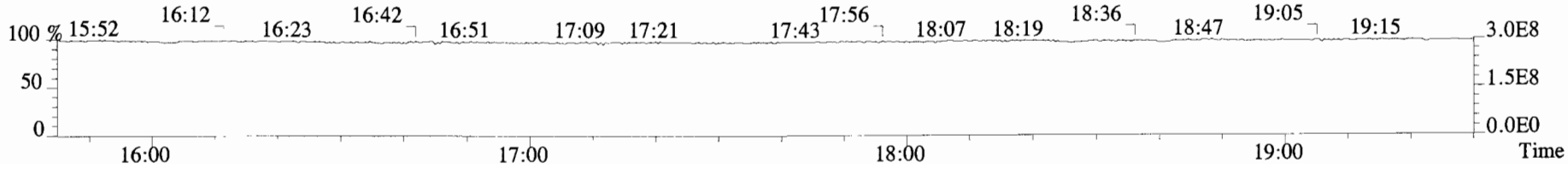
200.0795 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7488.0,0.00%,F,F)



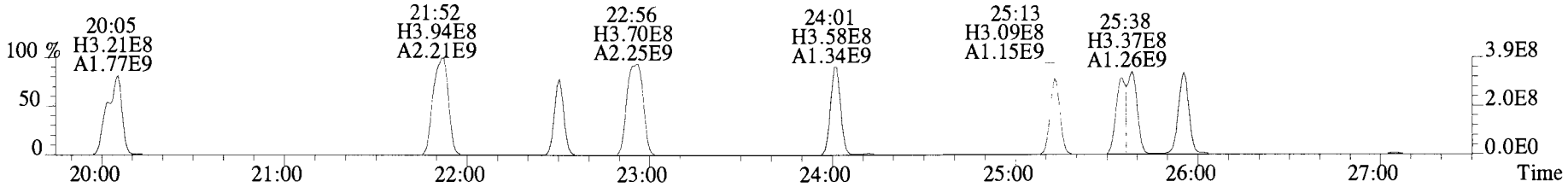
202.0766 S:6 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13860.0,0.00%,F,F)



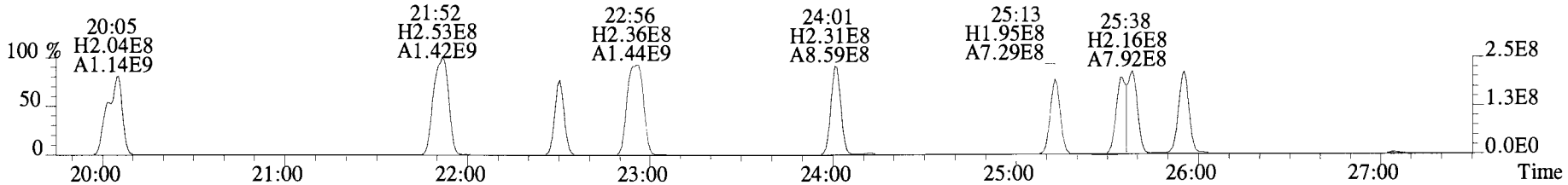
180.9880 S:6



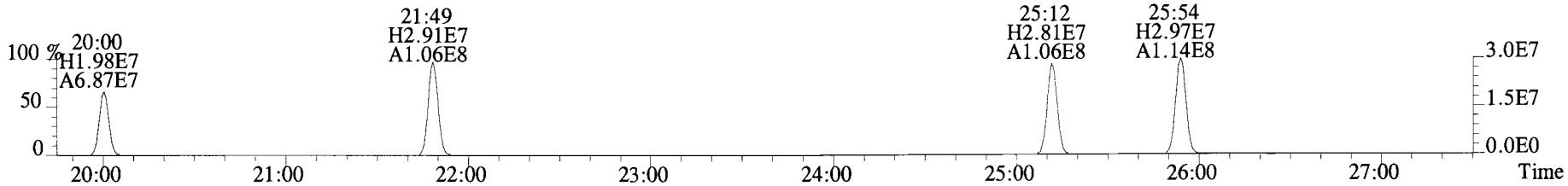
File:171027E1 #1-757 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,88920.0,0.00%,F,F)



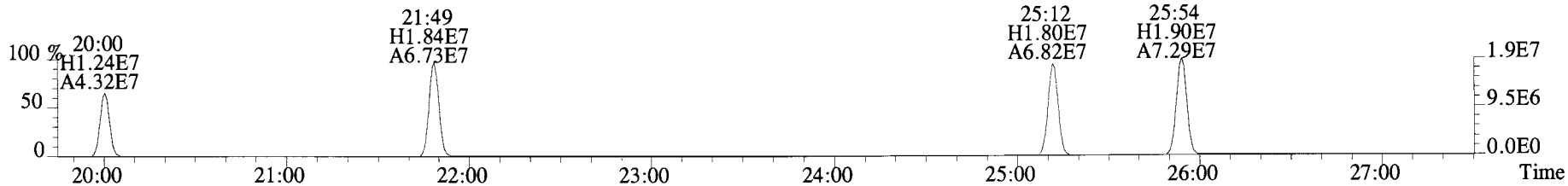
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73040.0,0.00%,F,F)



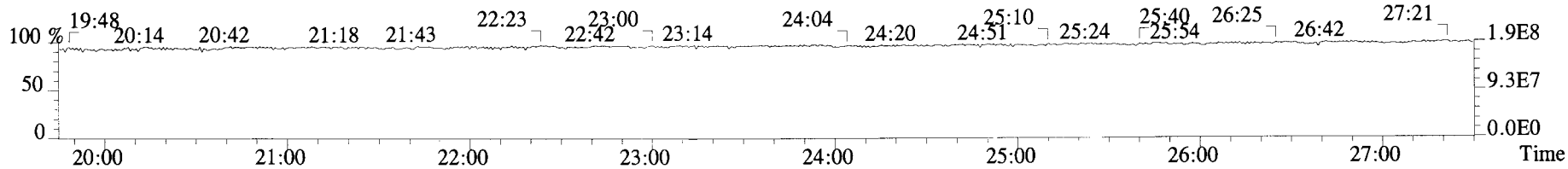
234.0406 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5388.0,0.00%,F,F)



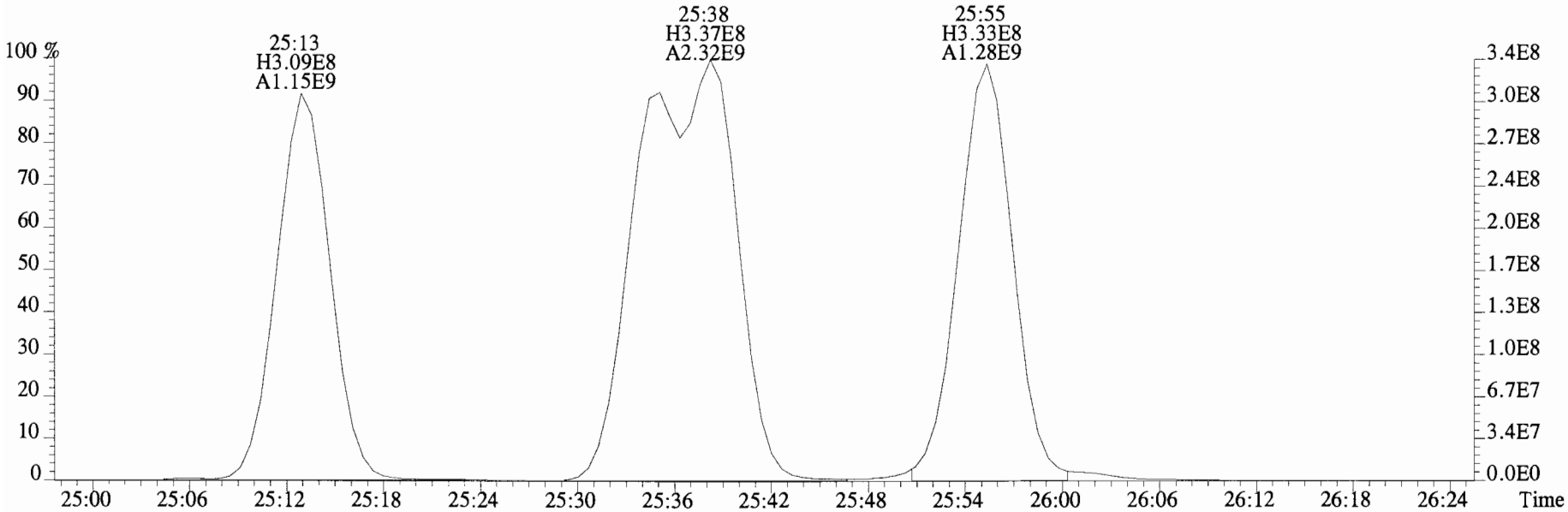
236.0376 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4840.0,0.00%,F,F)



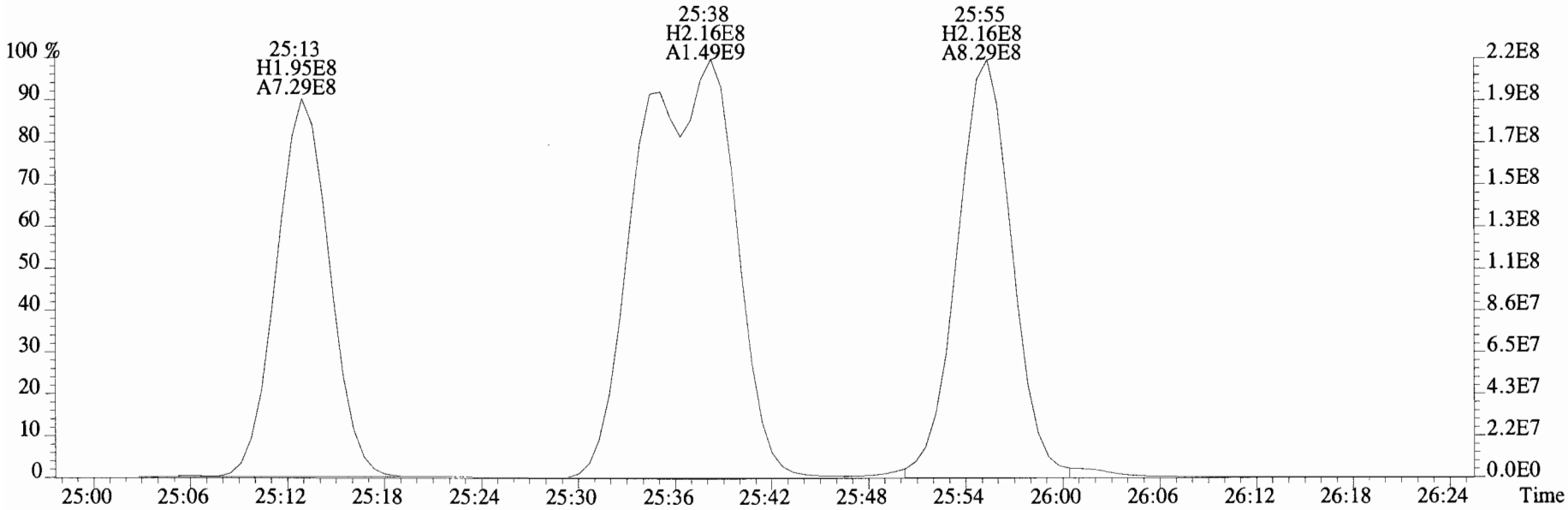
230.9856 S:6 F:2



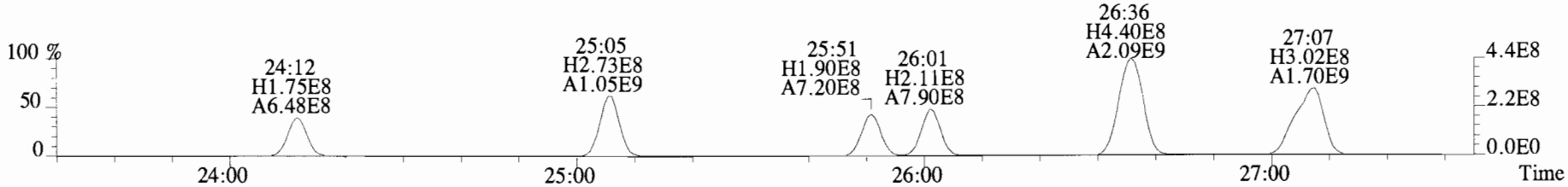
File:171027E1 #1-757 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
222.0003 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,88920.0,0.00%,F,F)



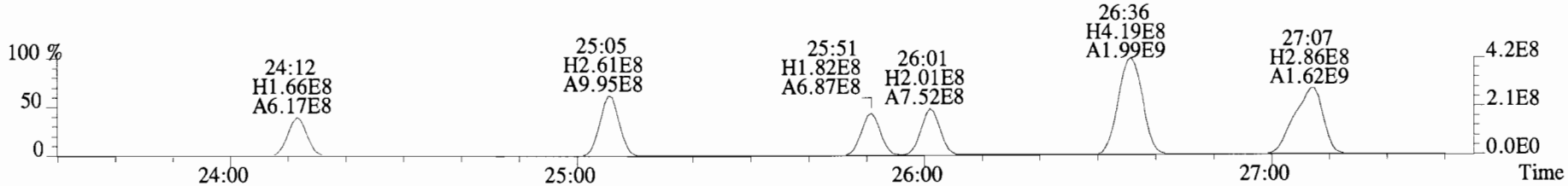
223.9974 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,73040.0,0.00%,F,F)



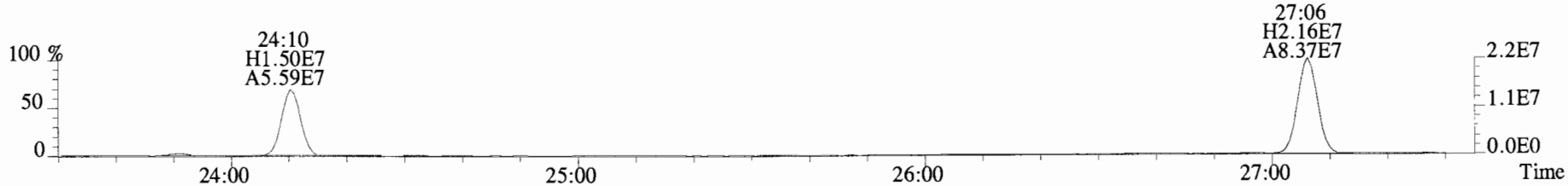
File:171027E1 #1-757 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4292.0,0.00%,F,F)



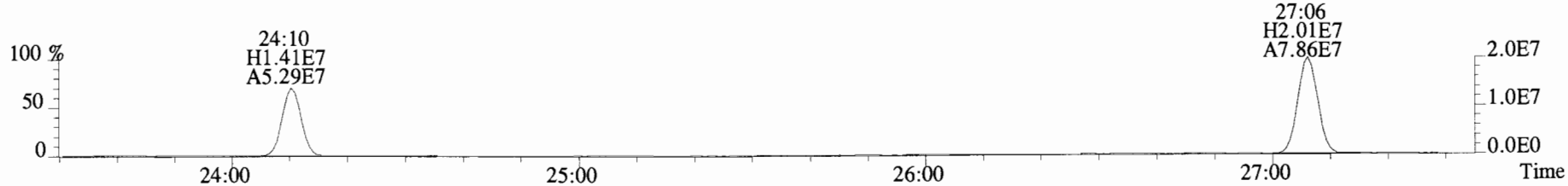
257.9584 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3636.0,0.00%,F,F)



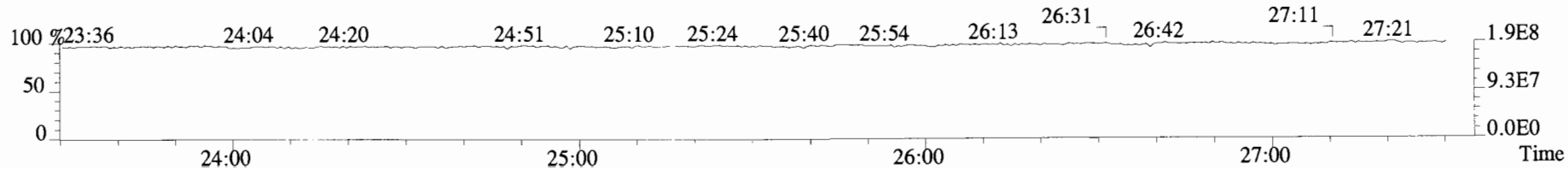
268.0016 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,107952.0,0.00%,F,F)



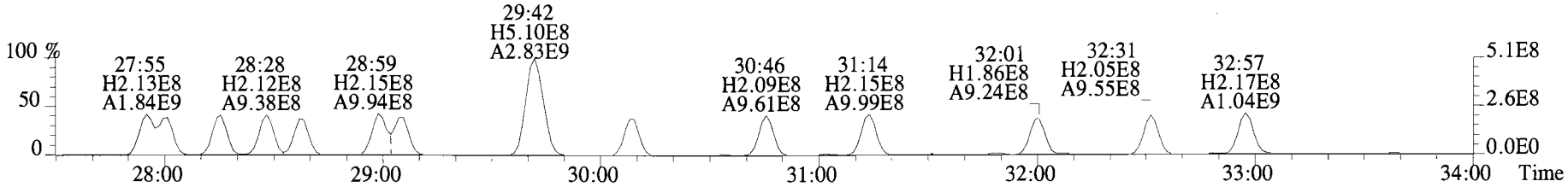
269.9986 S:6 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,87176.0,0.00%,F,F)



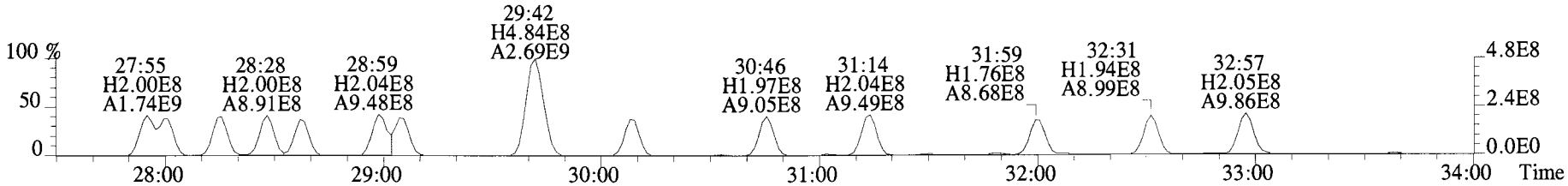
230.9856 S:6 F:2



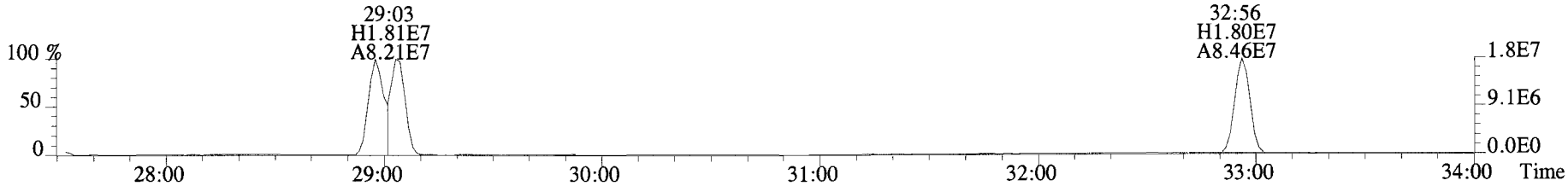
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,227800.0,0.00%,F,F)



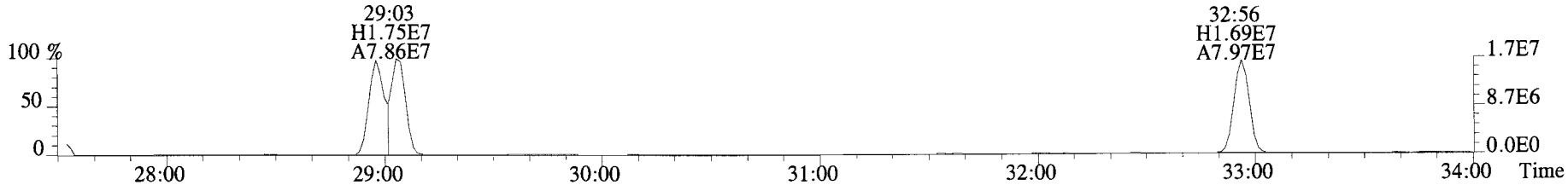
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223548.0,0.00%,F,F)



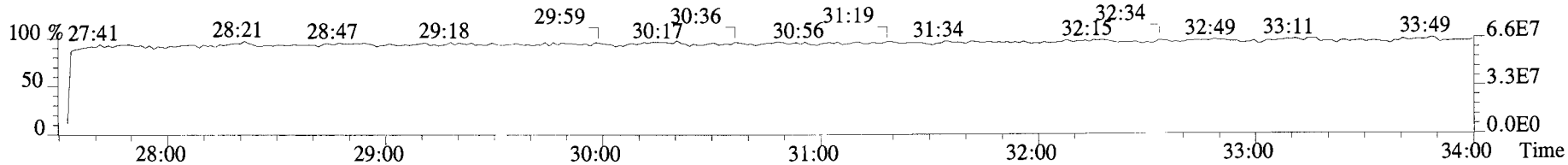
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101996.0,0.00%,F,F)



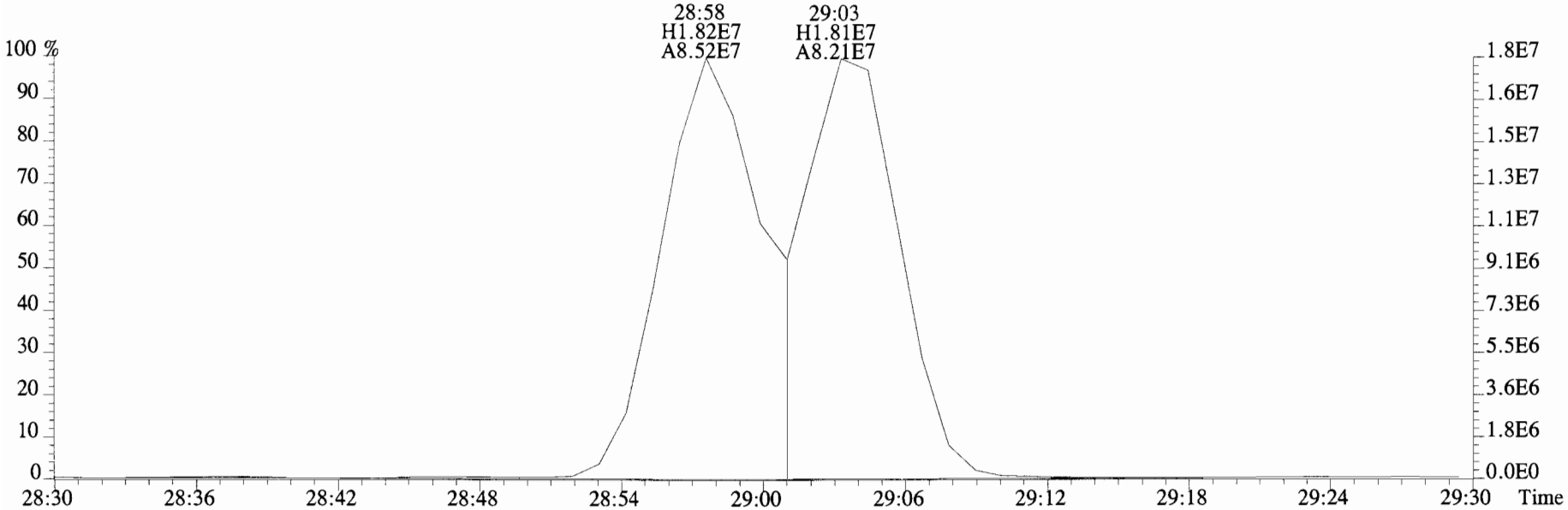
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50464.0,0.00%,F,F)



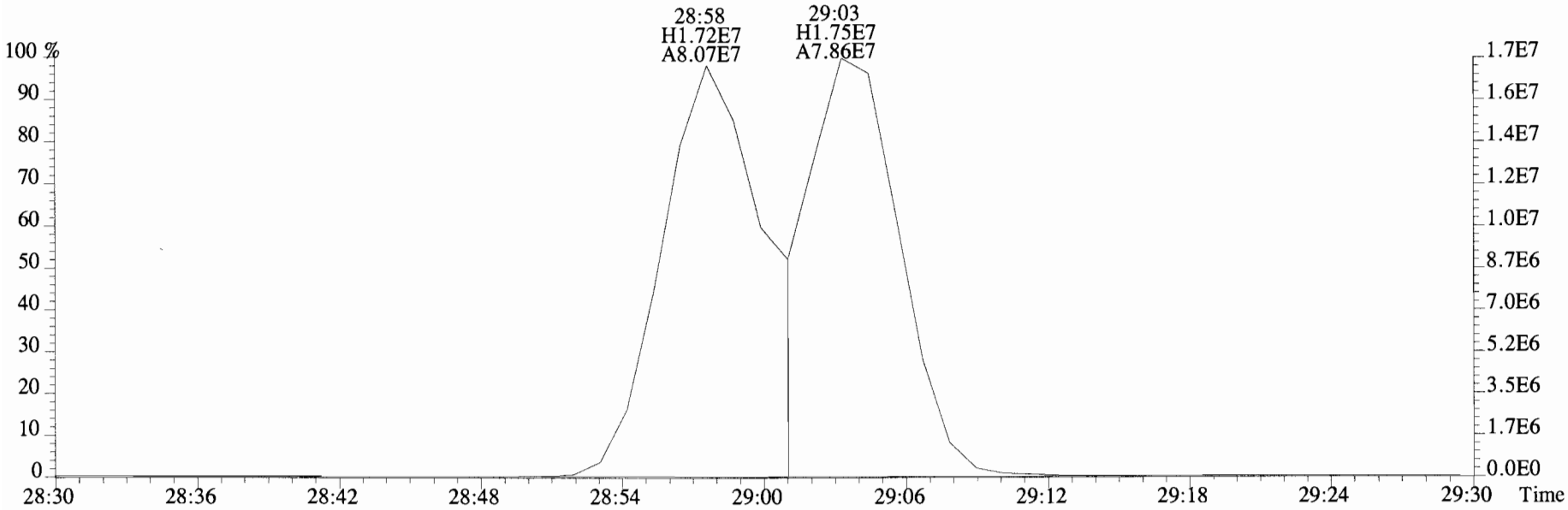
330.9792 S:6 F:3



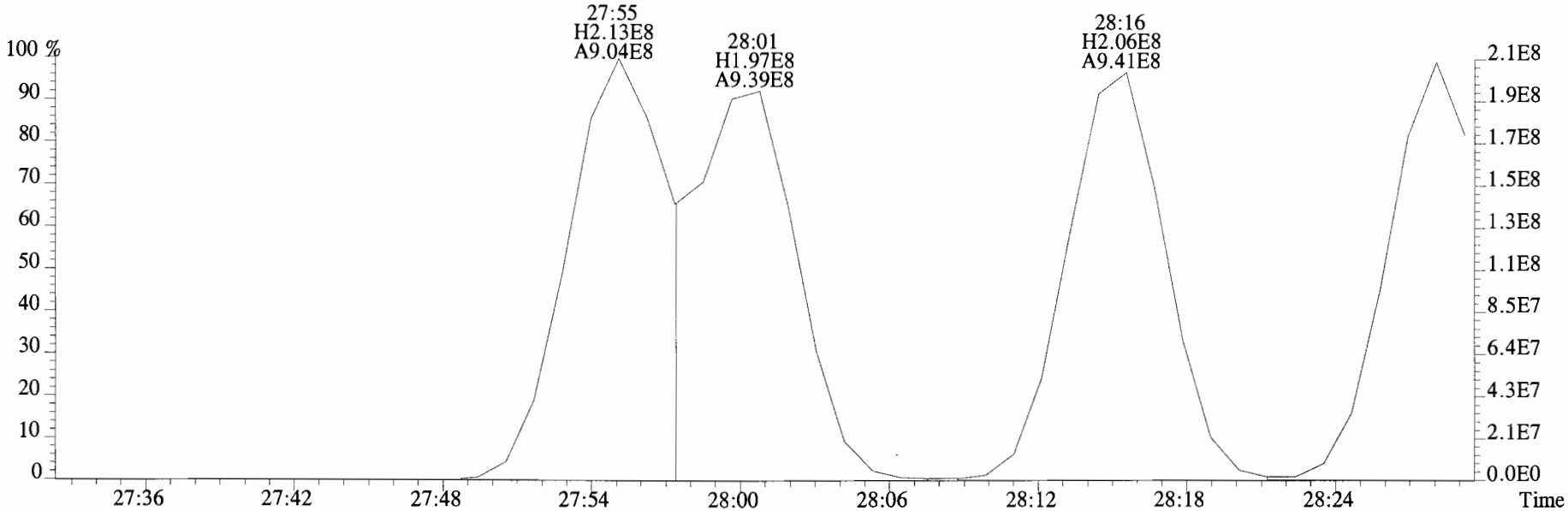
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
268.0016 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,101996.0,0.00%,F,F)



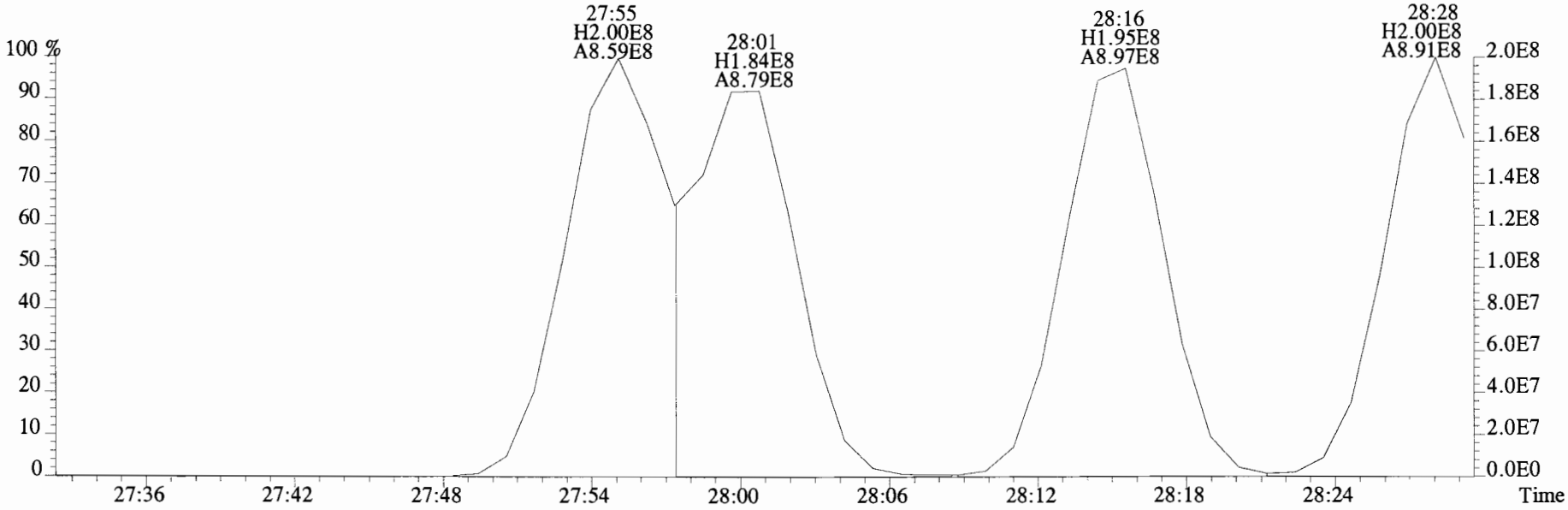
269.9986 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,50464.0,0.00%,F,F)



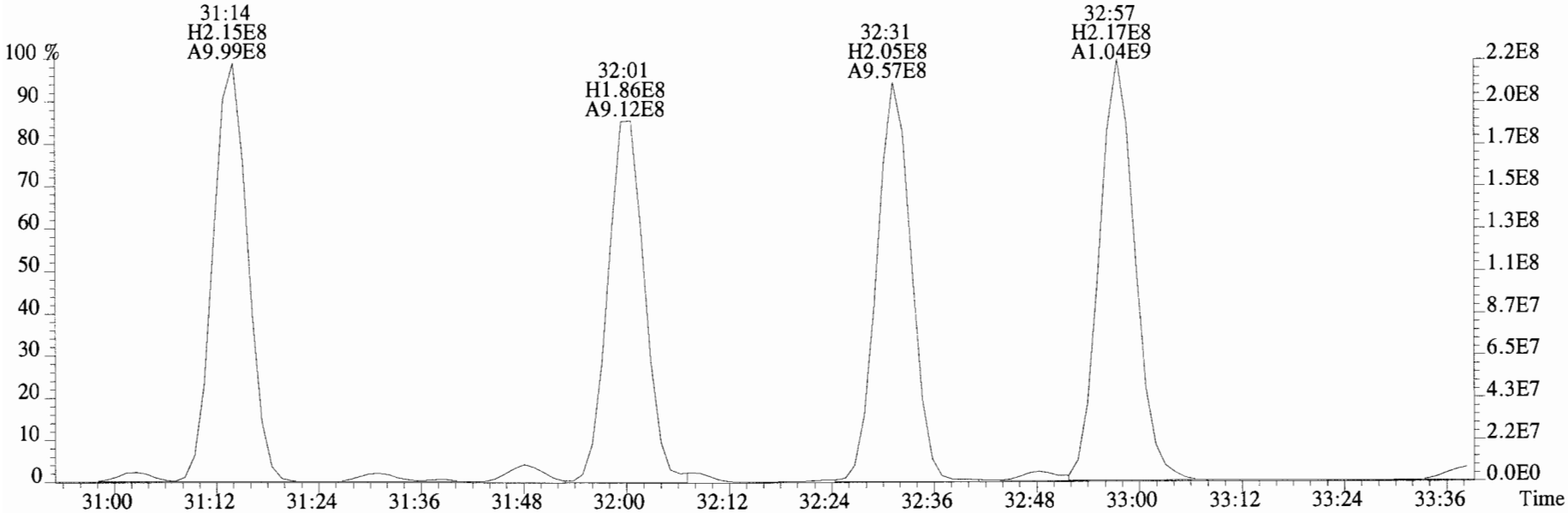
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,227800.0,0.00%,F,F)



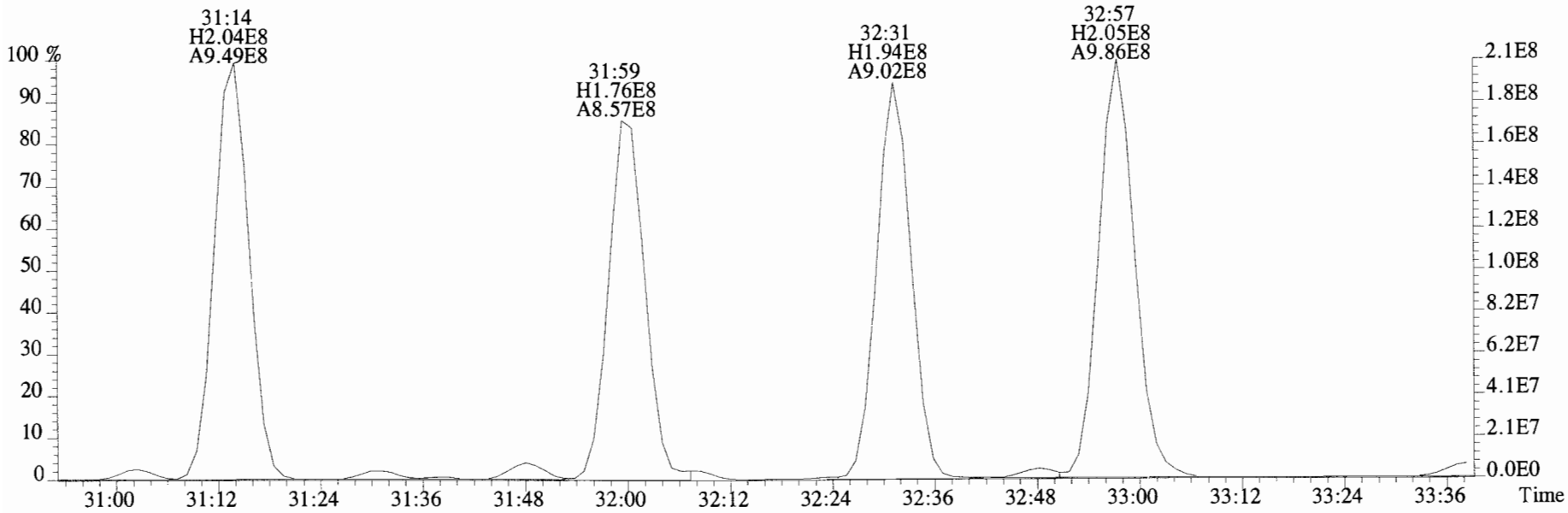
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223548.0,0.00%,F,F)



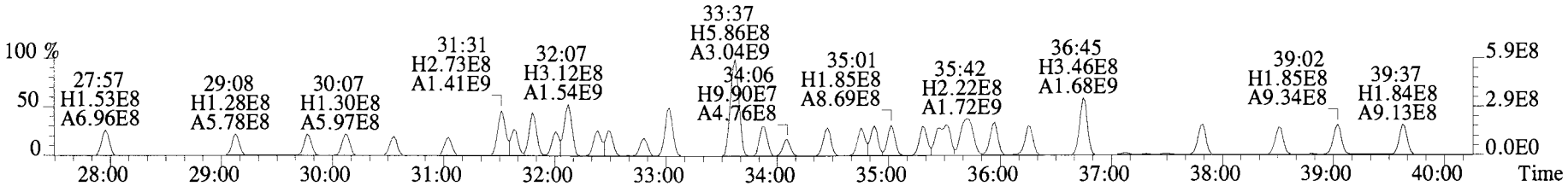
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
255.9613 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,227800.0,0.00%,F,F)



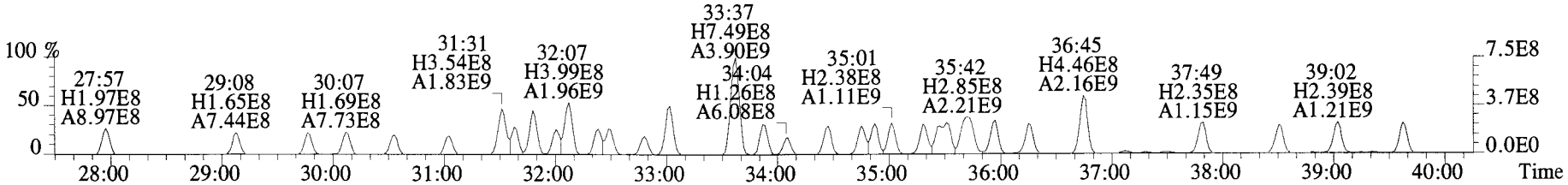
257.9584 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,223548.0,0.00%,F,F)



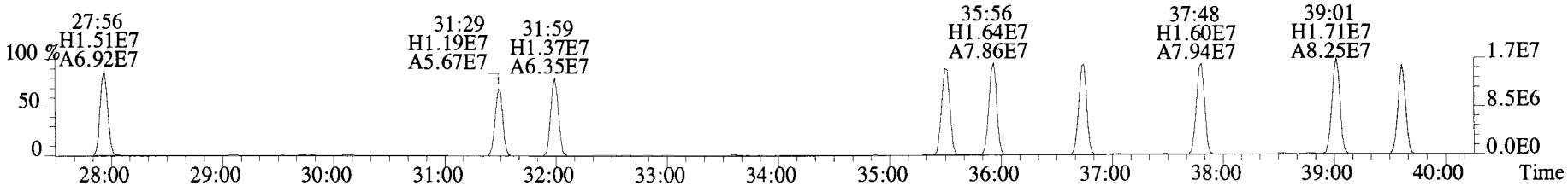
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



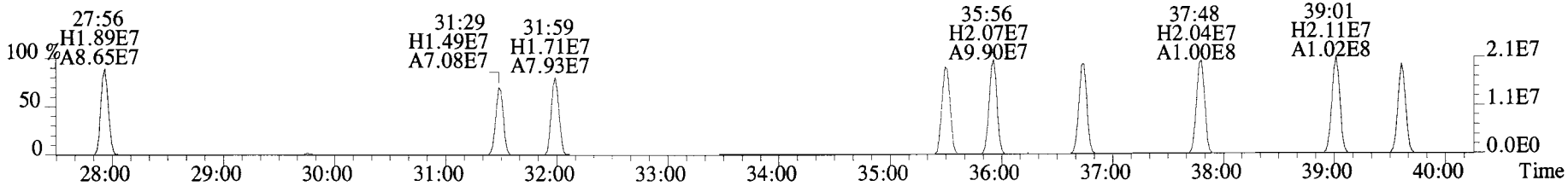
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



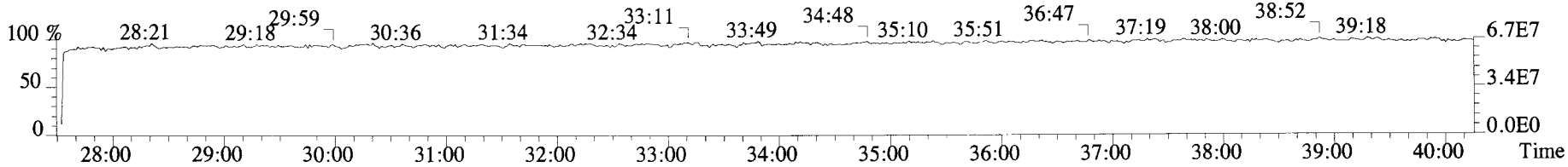
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



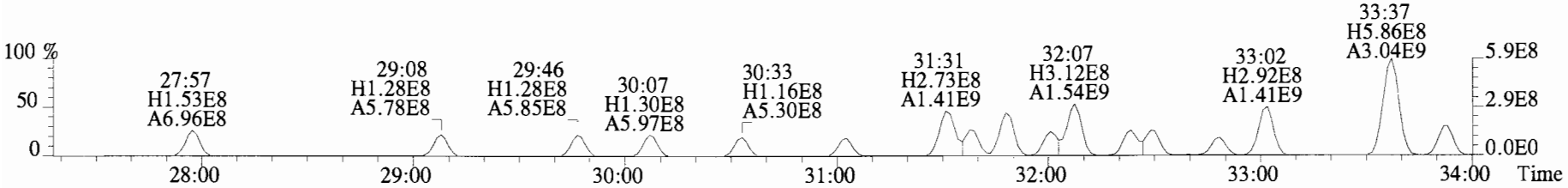
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



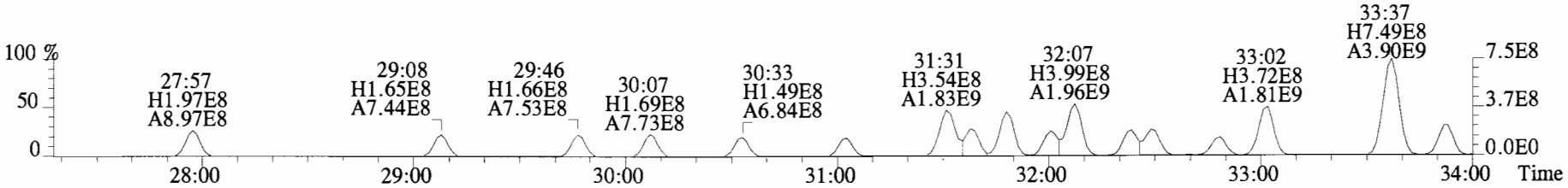
330.9792 S:6 F:3



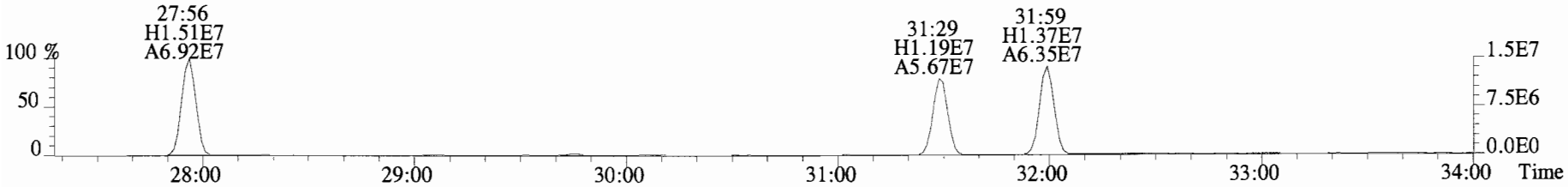
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



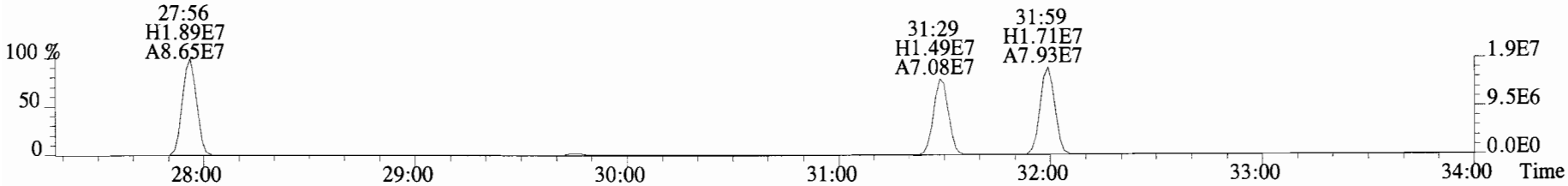
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



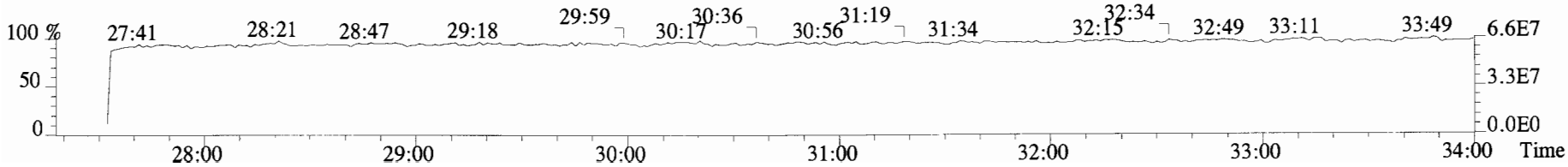
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



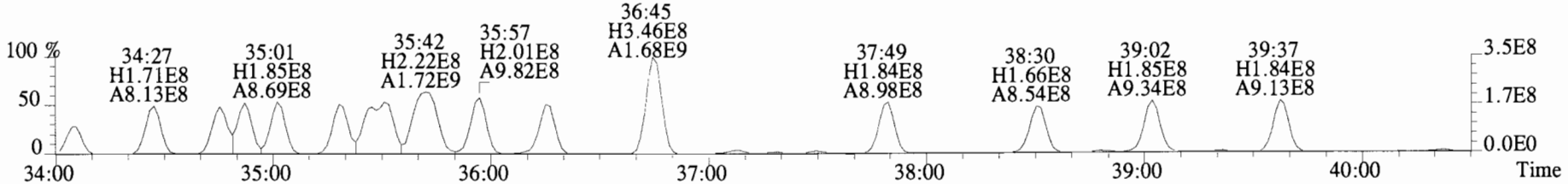
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



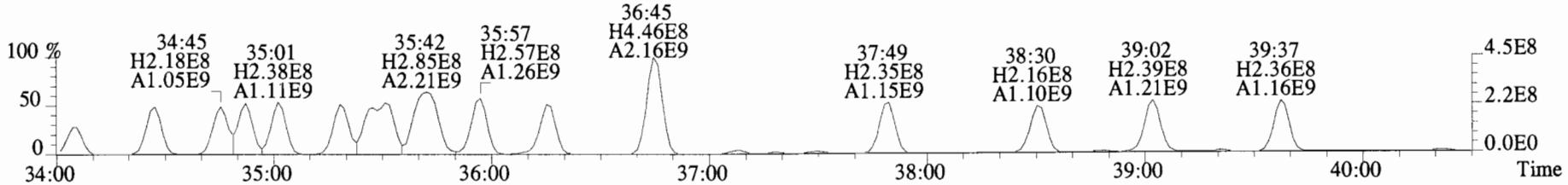
330.9792 S:6 F:3



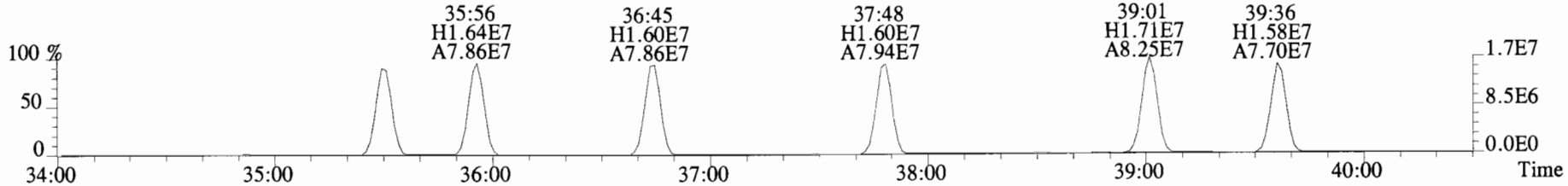
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



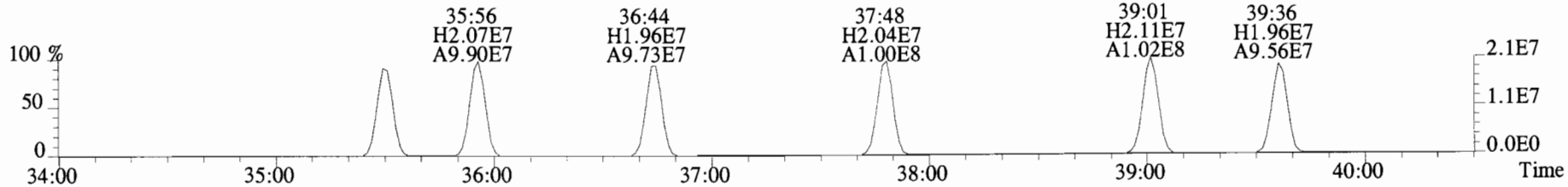
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



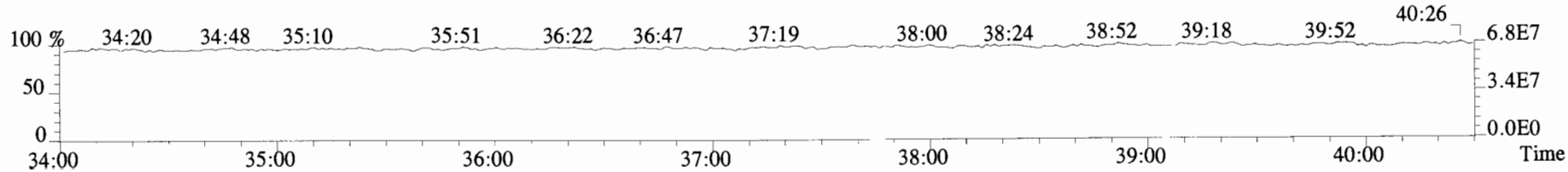
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



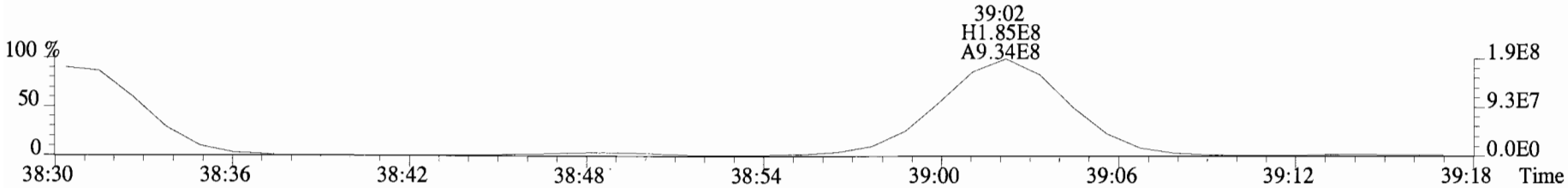
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



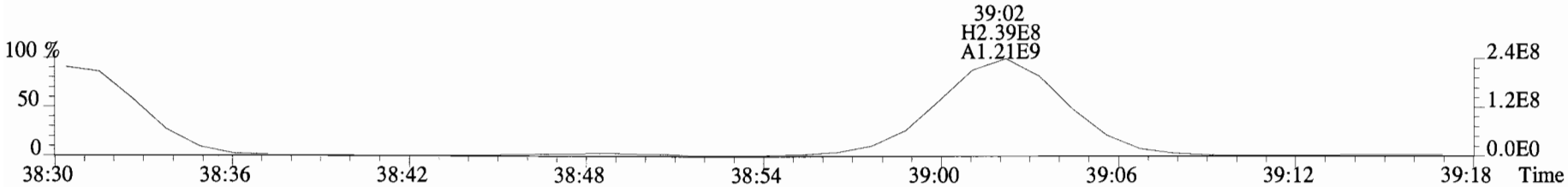
330.9792 S:6 F:3



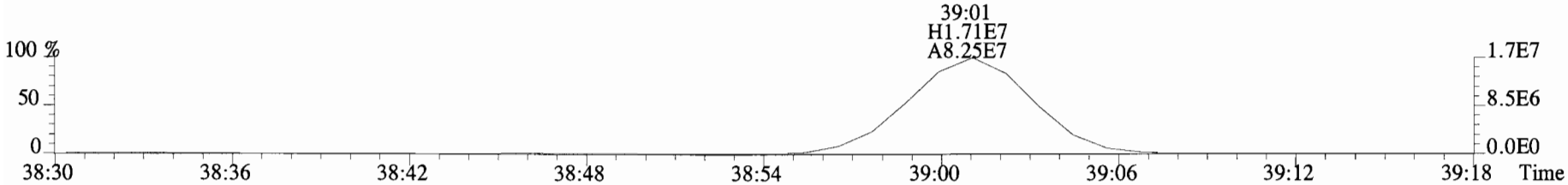
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
289.9224 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,254936.0,0.00%,F,F)



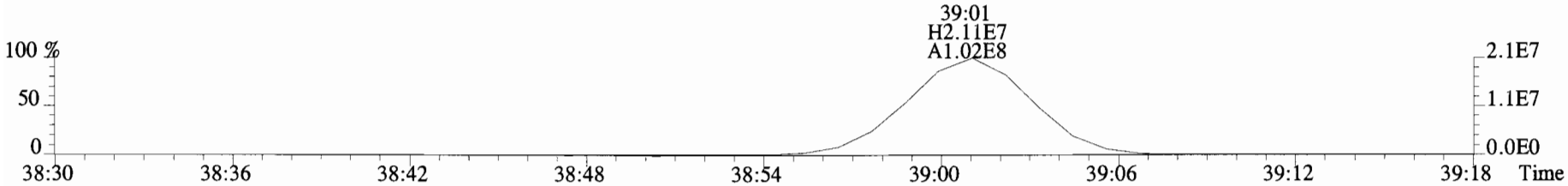
291.9194 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,348536.0,0.00%,F,F)



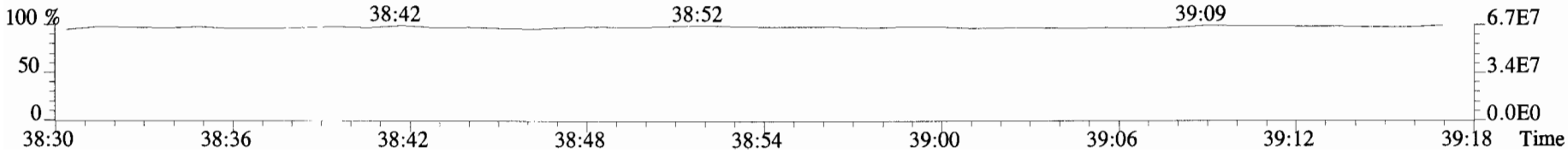
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



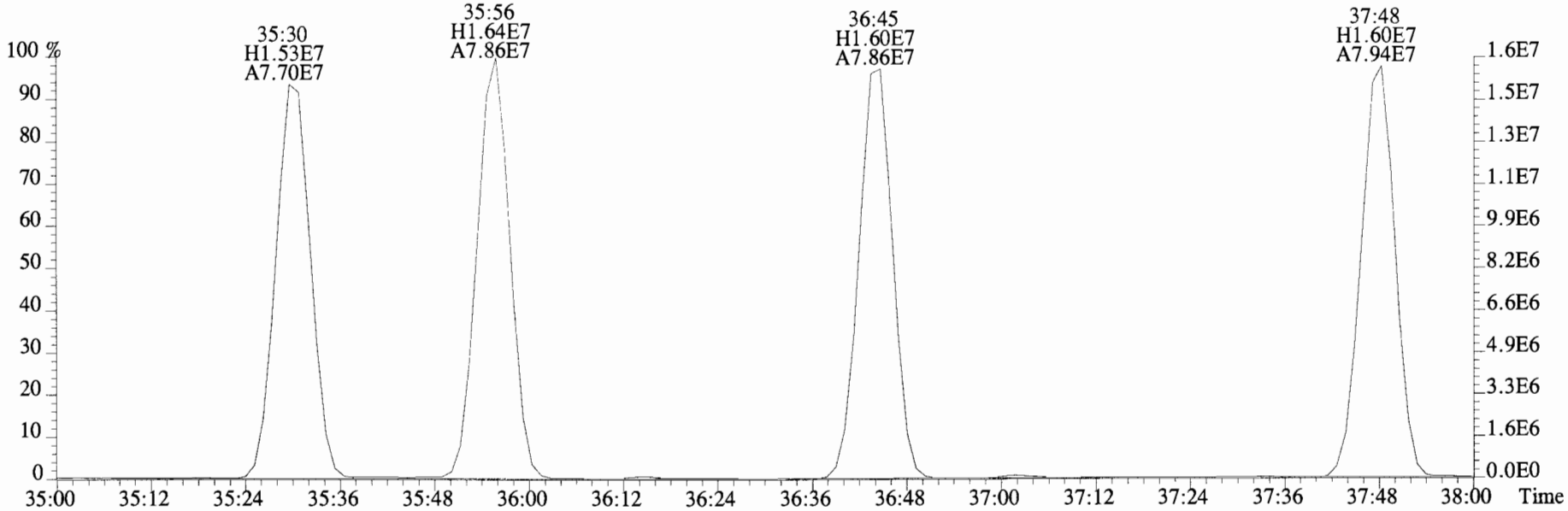
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



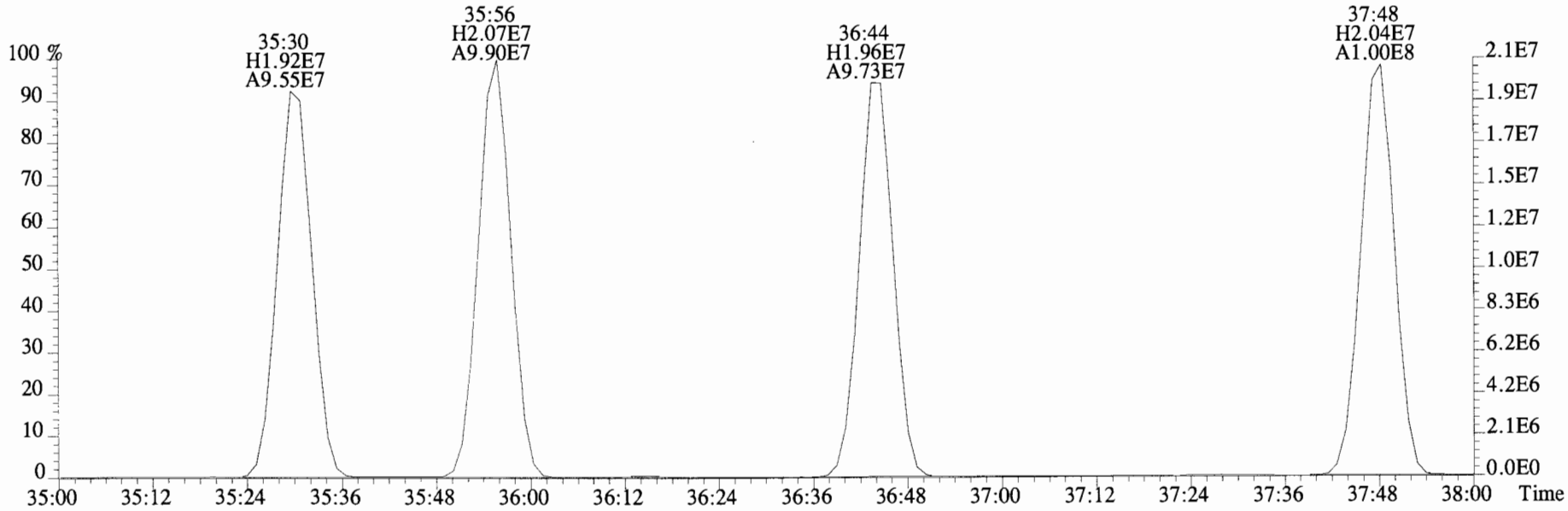
330.9792 S:6 F:3



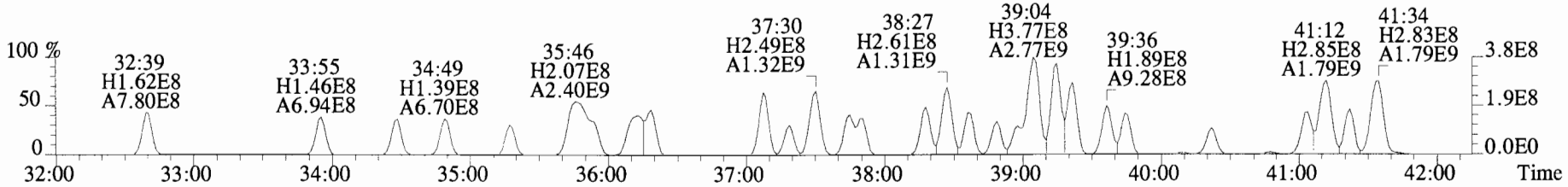
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
301.9626 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,47704.0,0.00%,F,F)



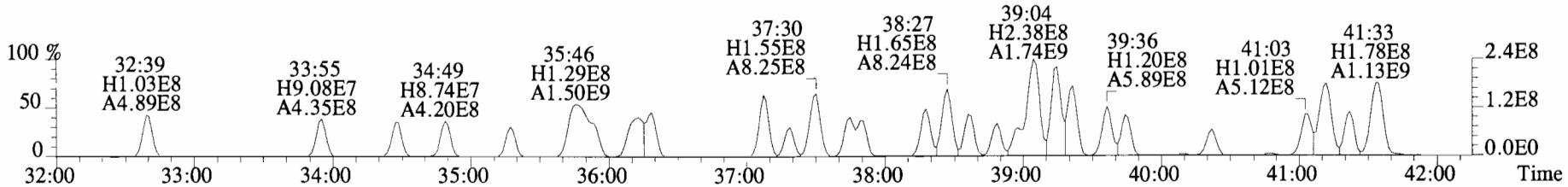
303.9597 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,29132.0,0.00%,F,F)



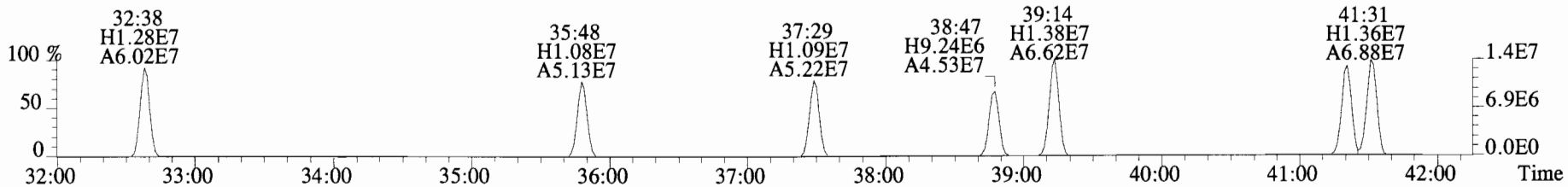
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



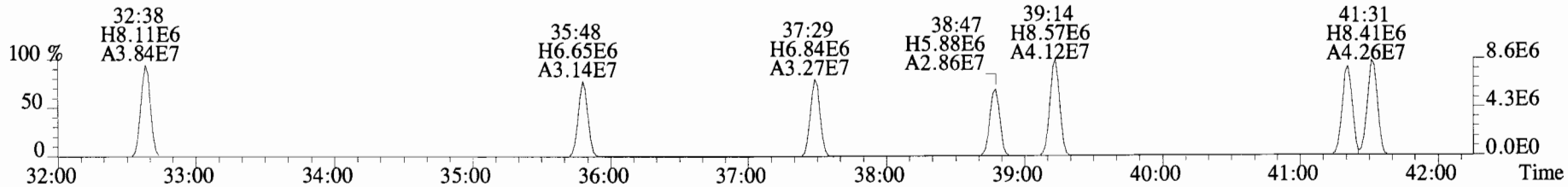
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



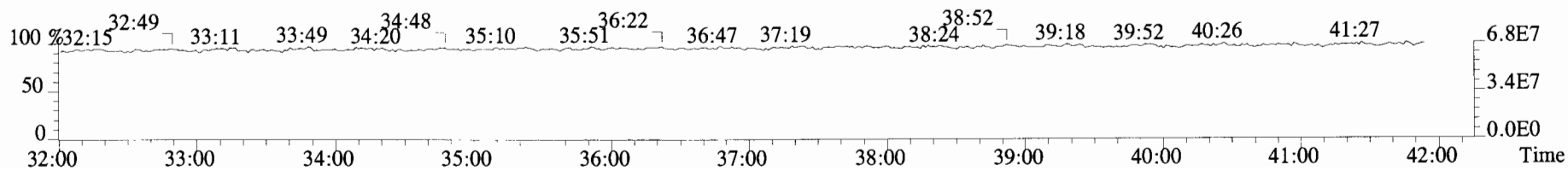
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



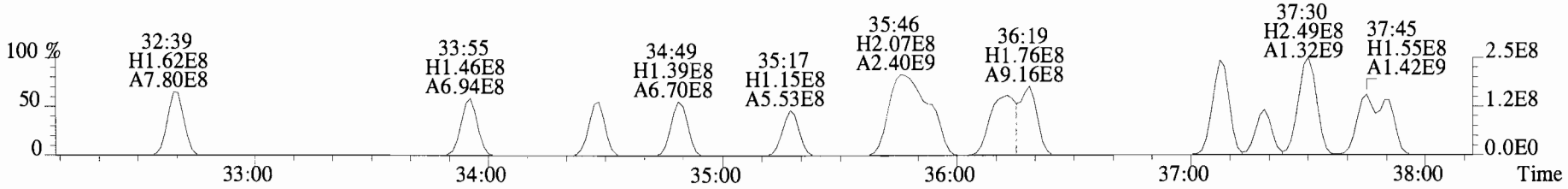
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



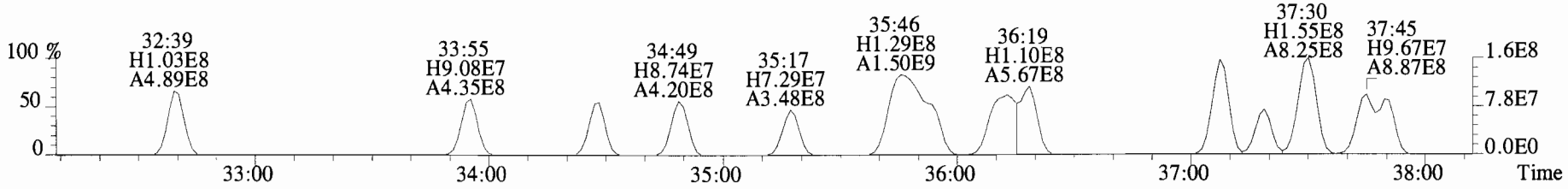
330.9792 S:6 F:3



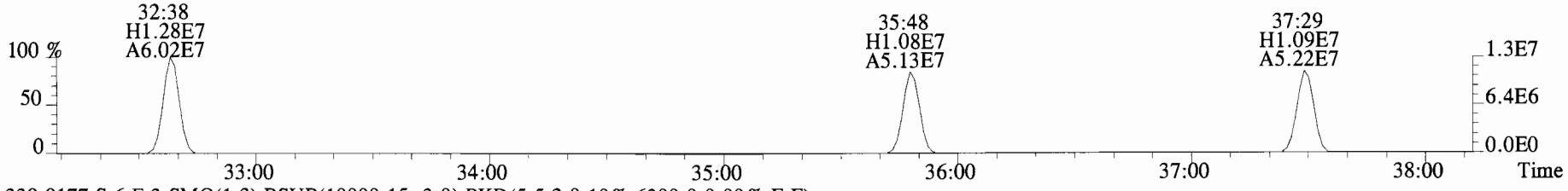
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



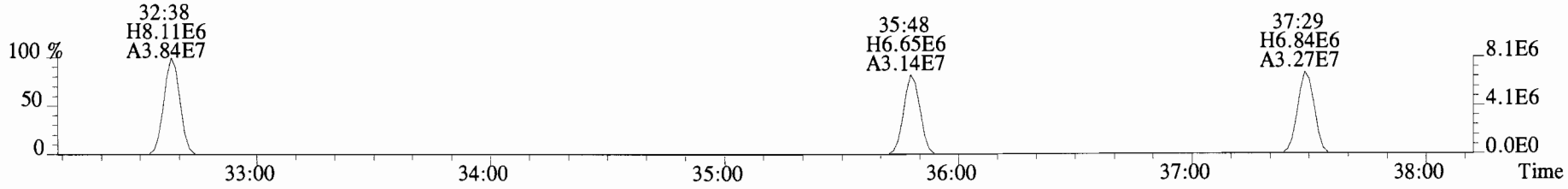
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



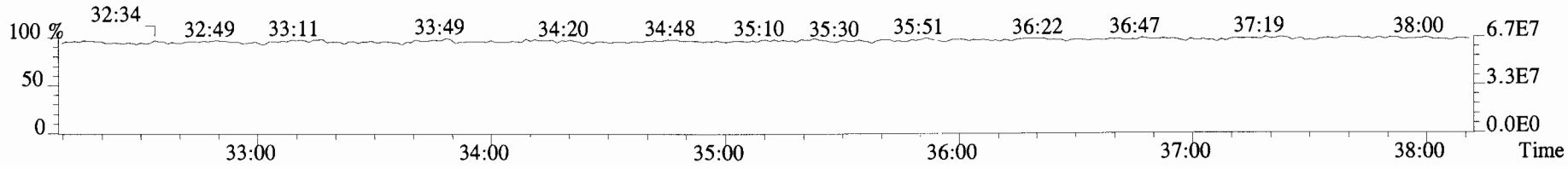
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



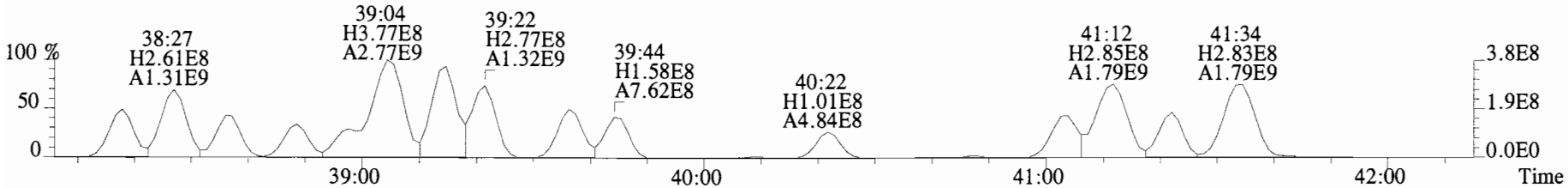
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



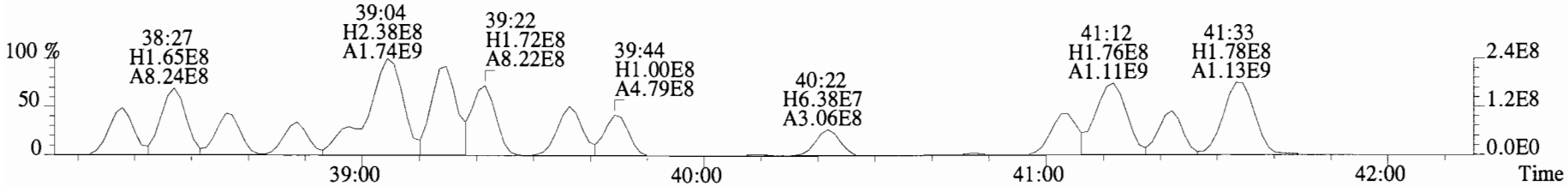
330.9792 S:6 F:3



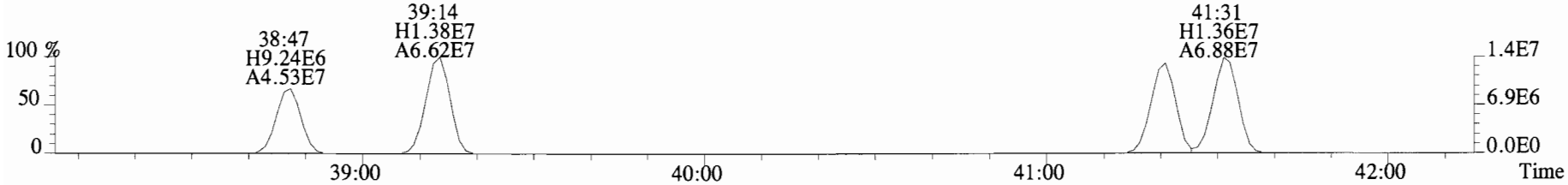
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



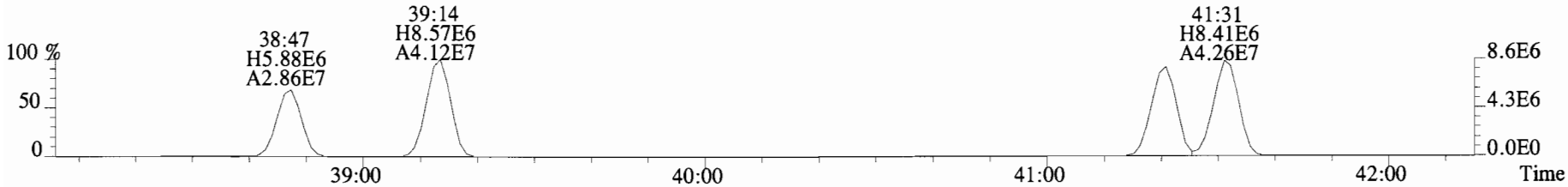
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



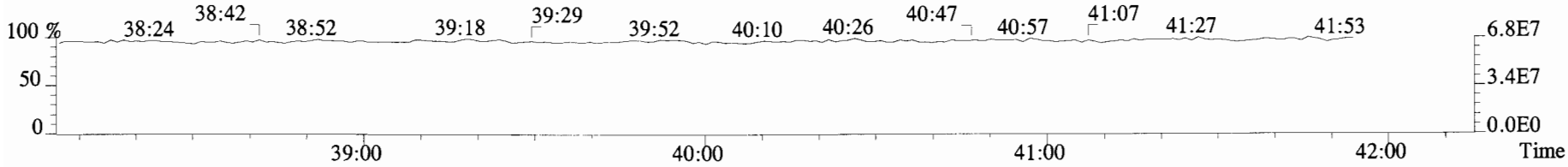
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



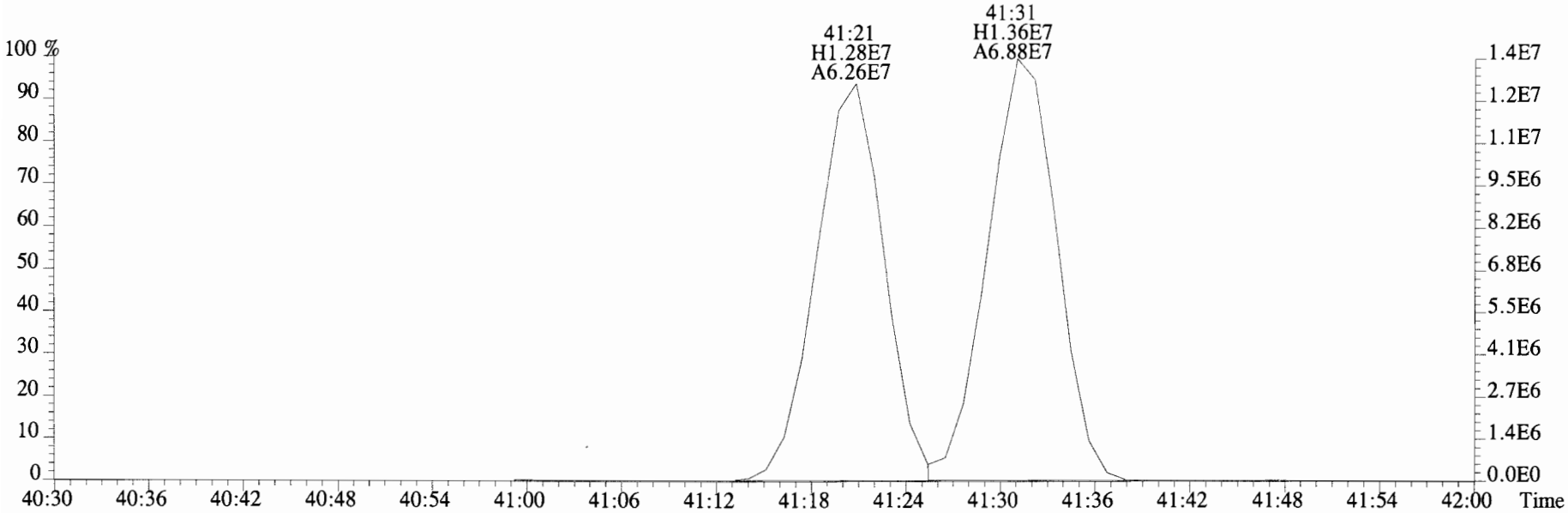
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



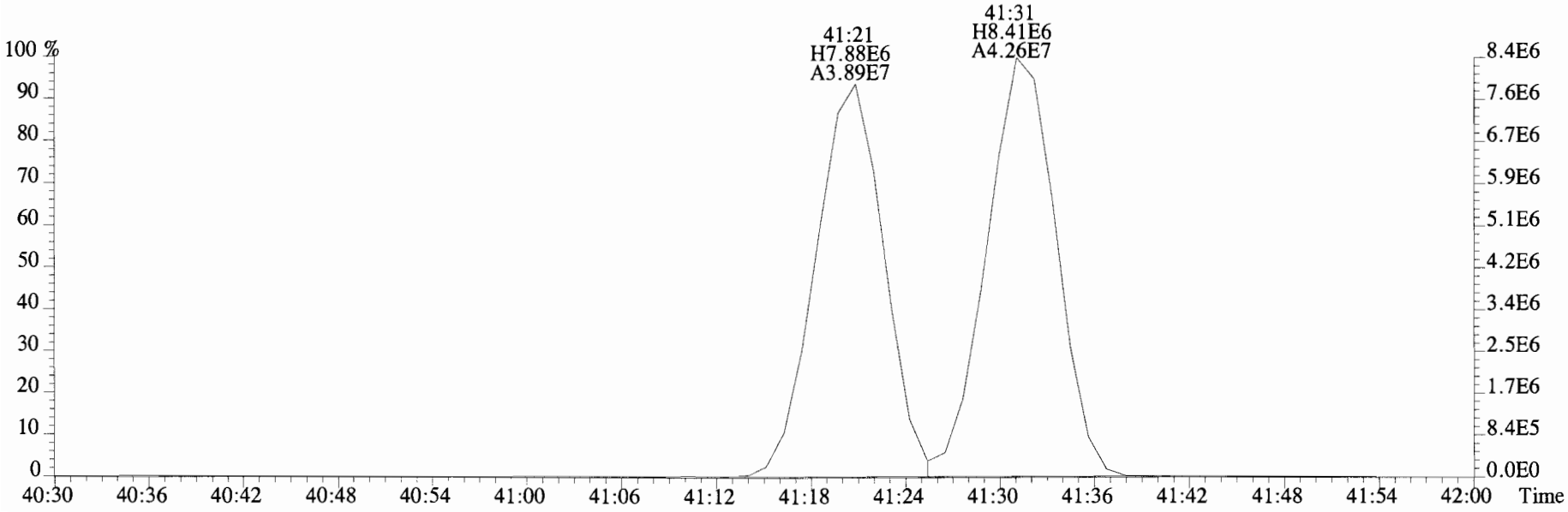
330.9792 S:6 F:3



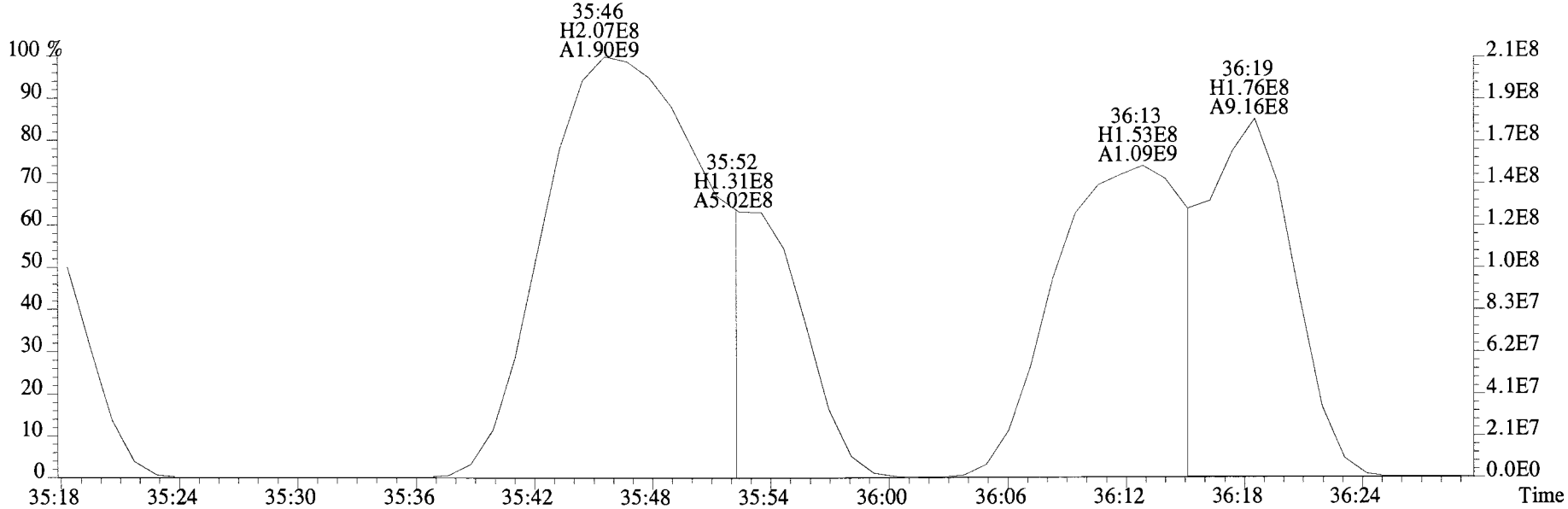
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
337.9207 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6232.0,0.00%,F,F)



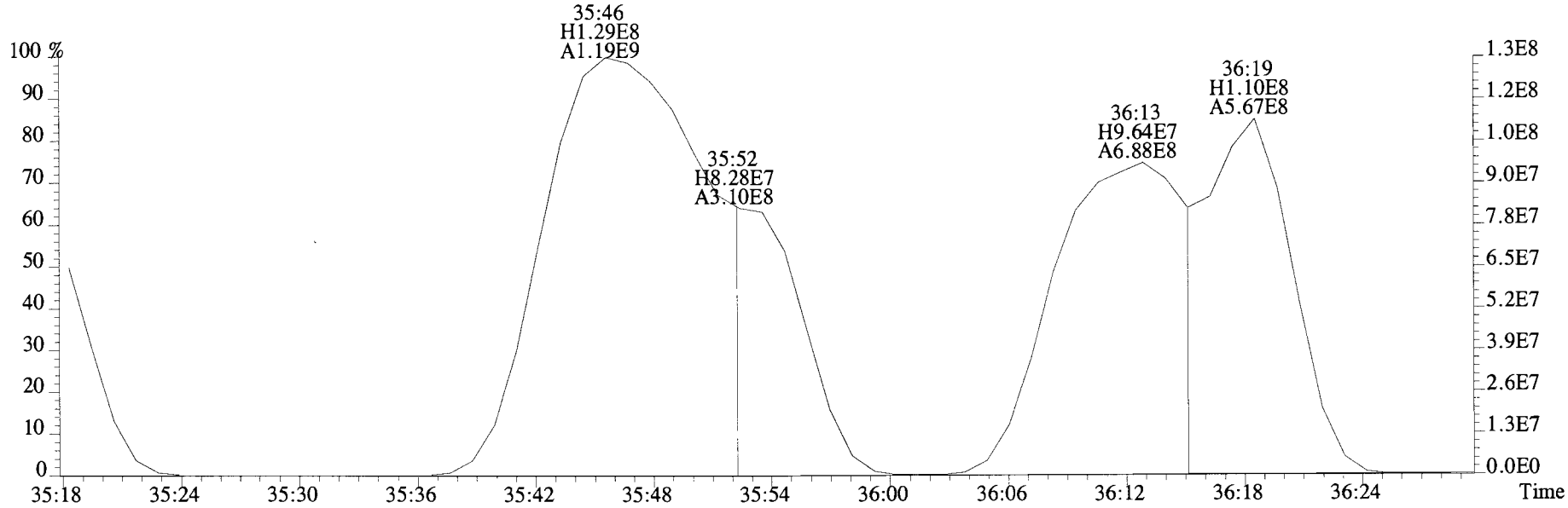
339.9177 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6300.0,0.00%,F,F)



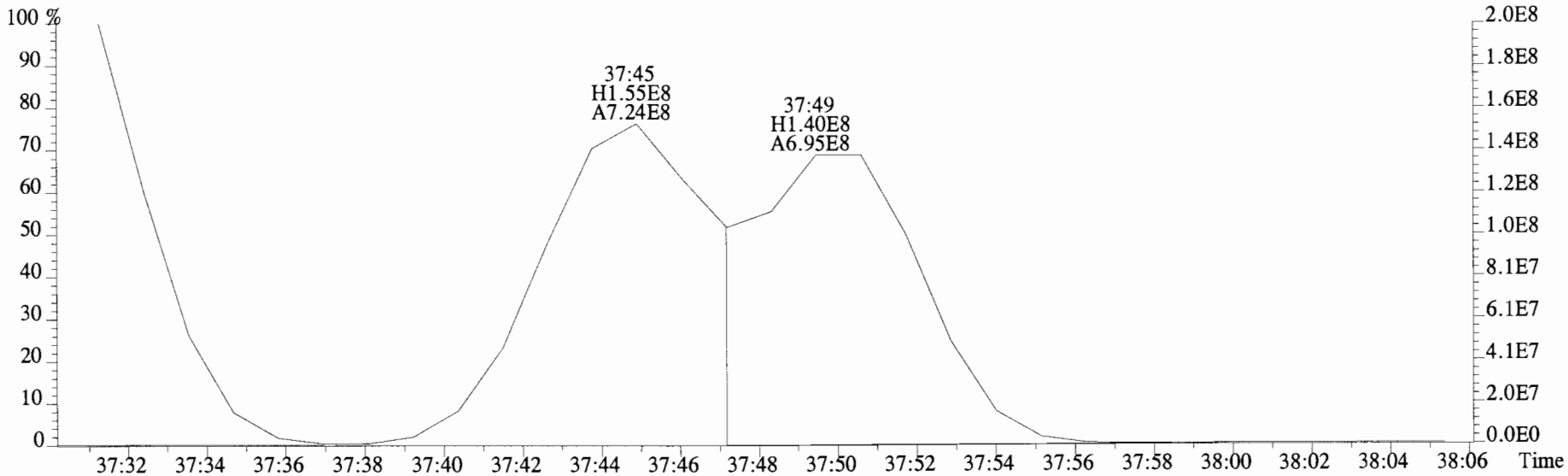
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



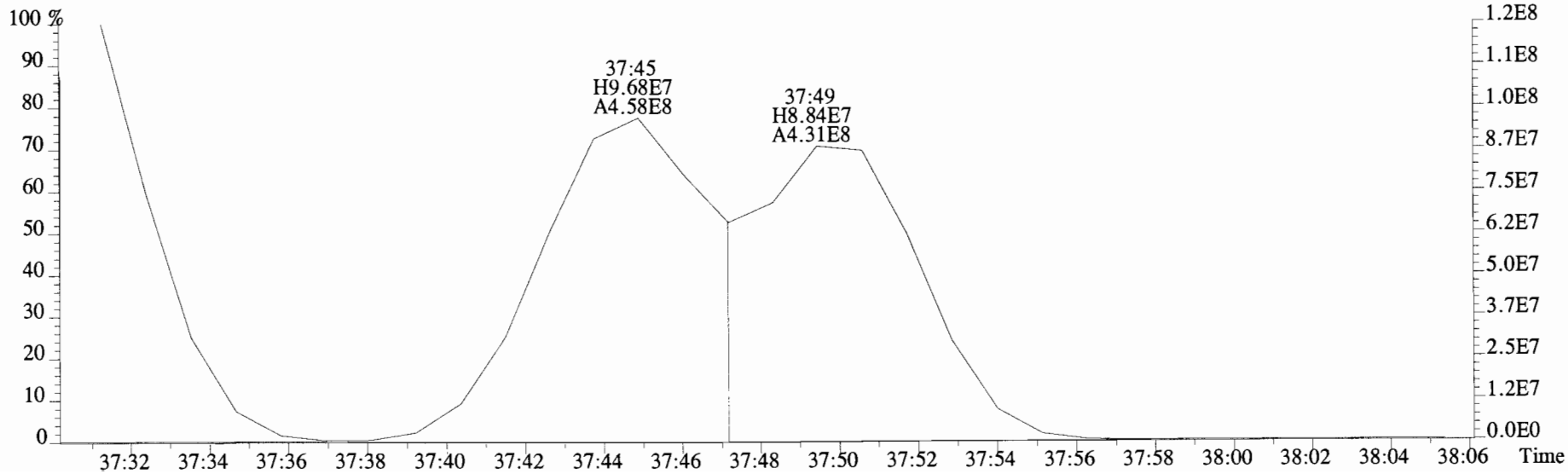
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



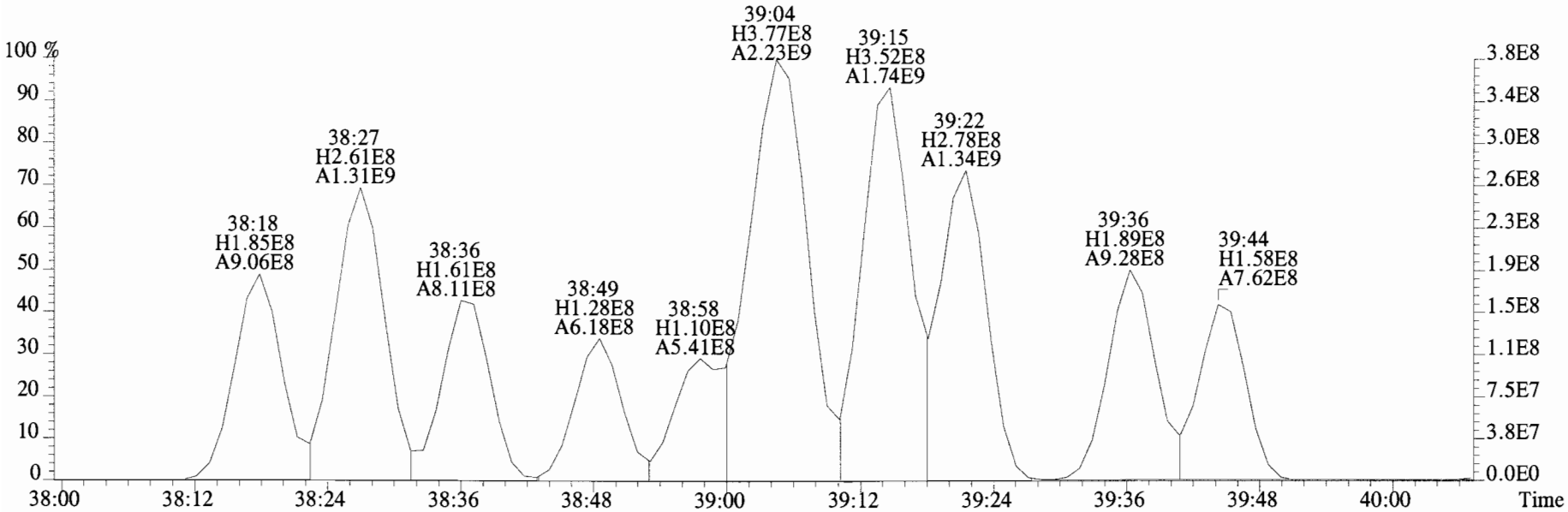
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)



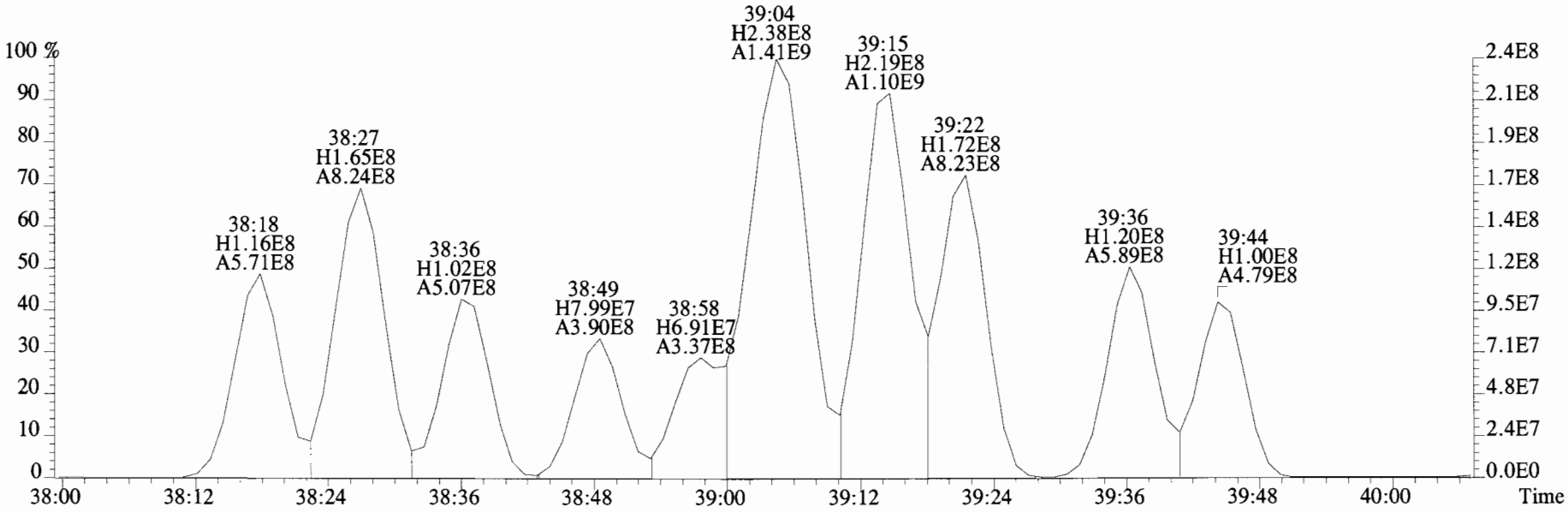
327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,14268.0,0.00%,F,F)

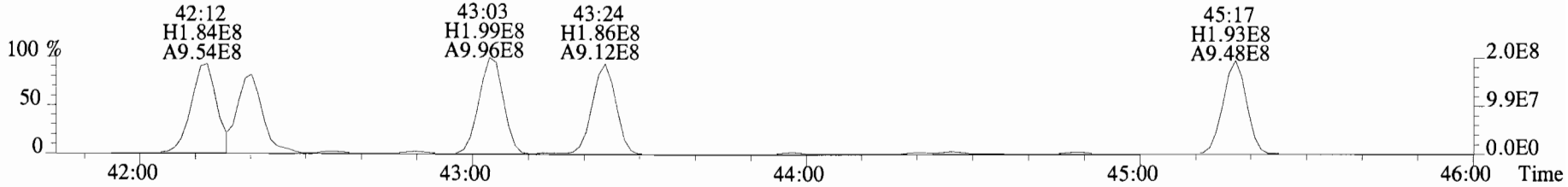


327.8775 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)

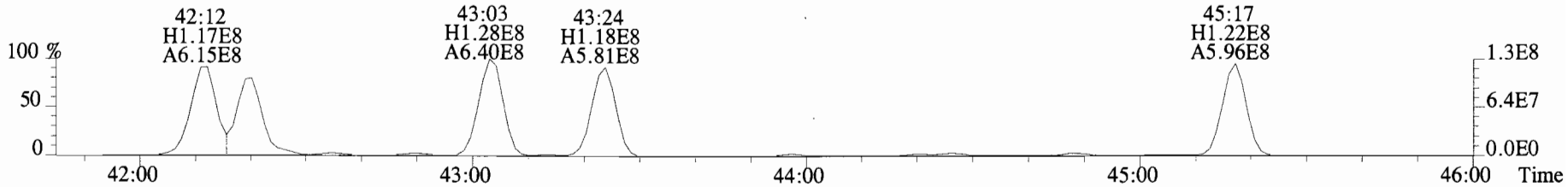


File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

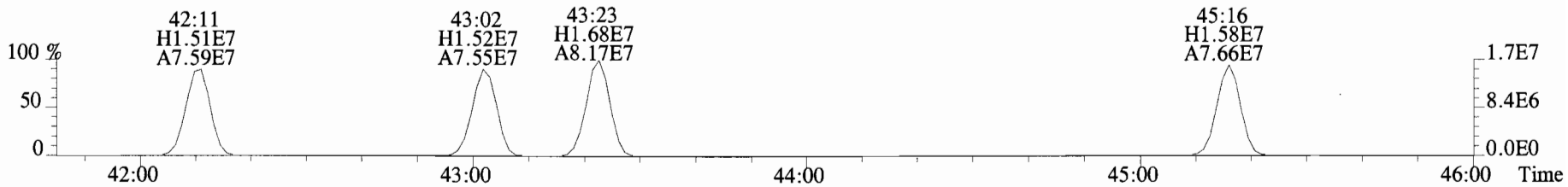
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,152716.0,0.00%,F,F)



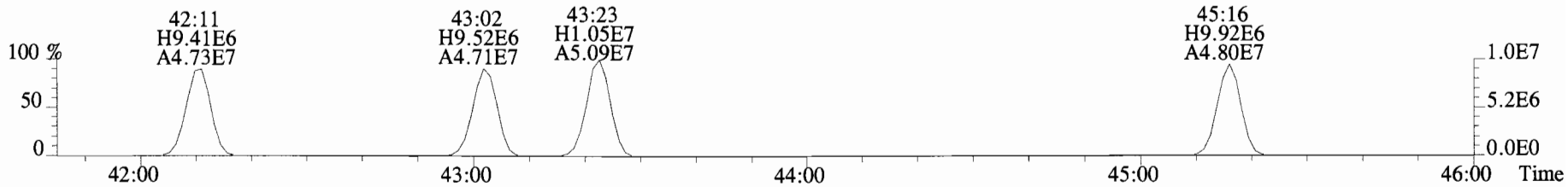
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86272.0,0.00%,F,F)



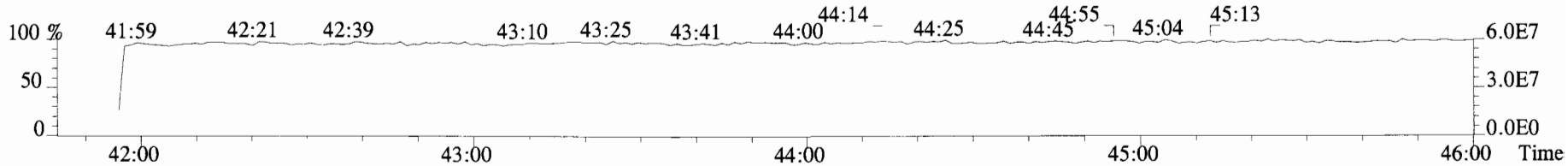
337.9207 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9316.0,0.00%,F,F)



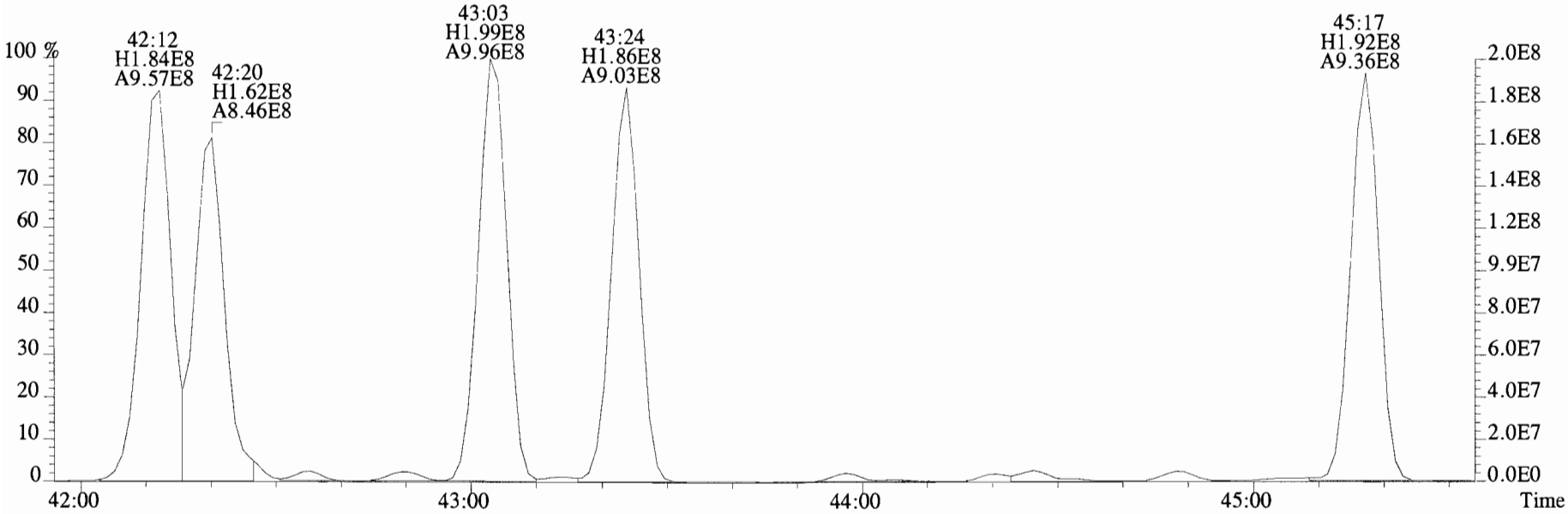
339.9177 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8548.0,0.00%,F,F)



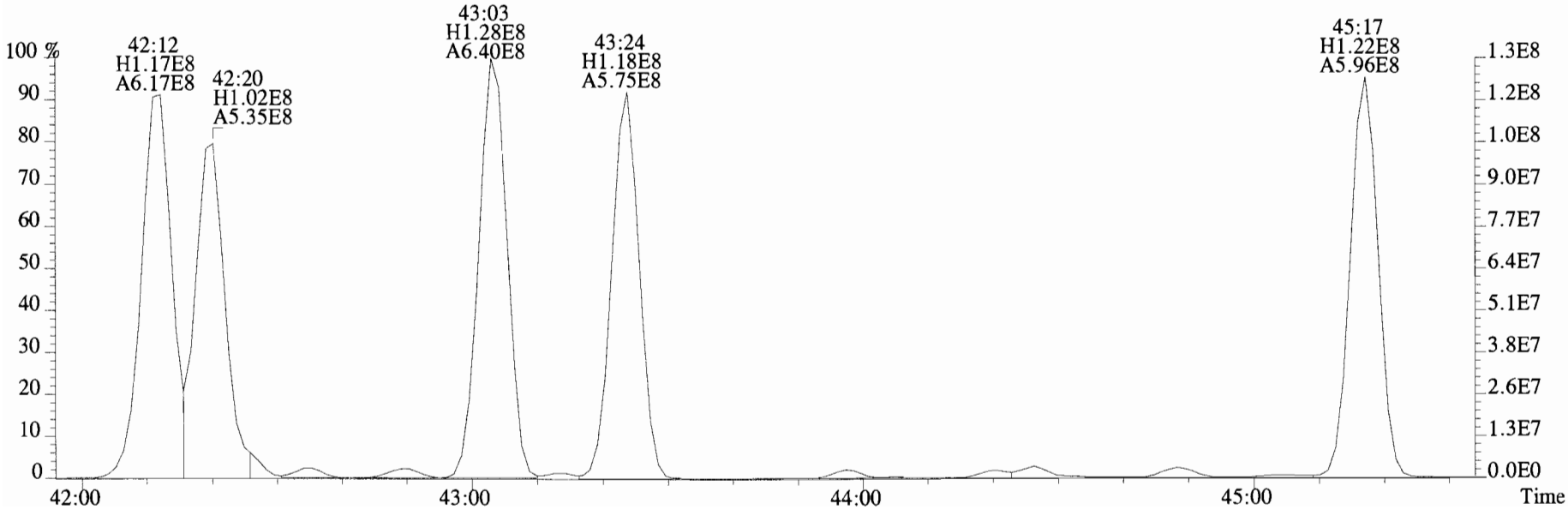
380.9760 S:6 F:4



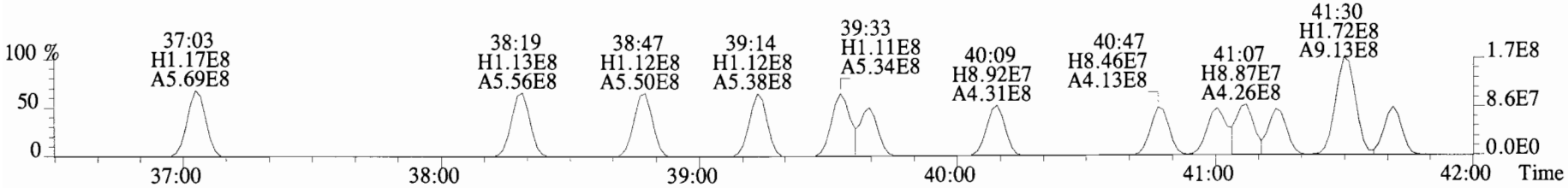
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
325.8804 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,152716.0,0.00%,F,F)



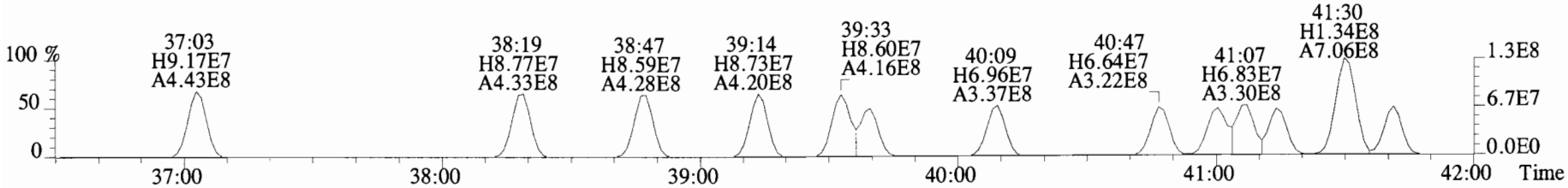
327.8775 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,86272.0,0.00%,F,F)



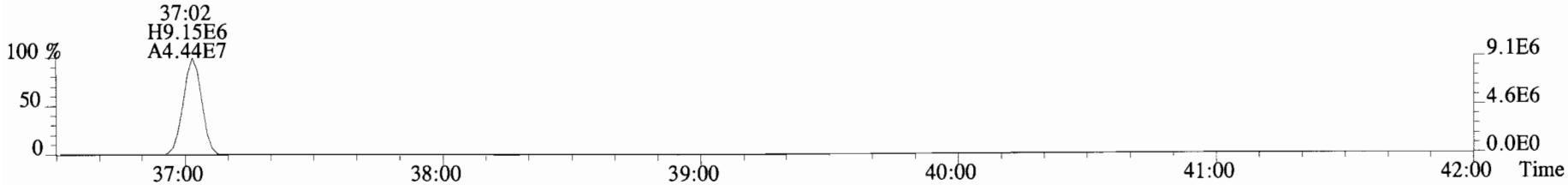
File:171027E1 #1-759 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4868.0,0.00%,F,F)



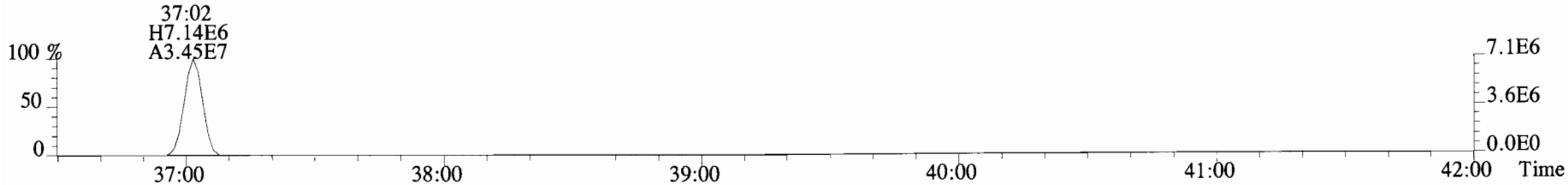
361.8385 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5080.0,0.00%,F,F)



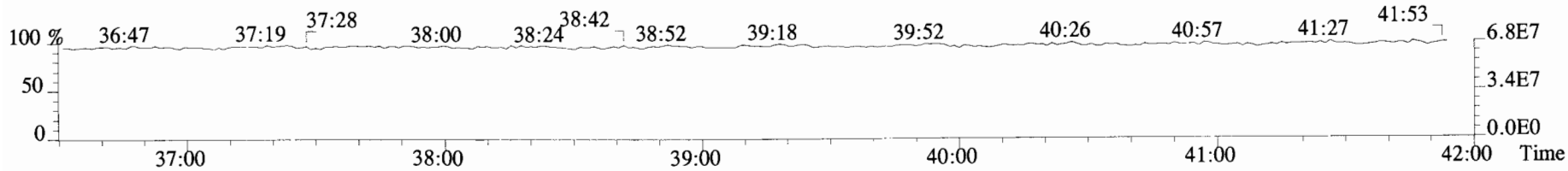
371.8817 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3880.0,0.00%,F,F)



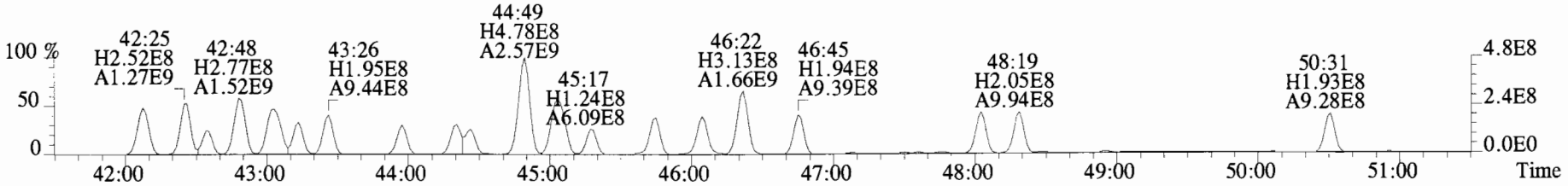
373.8788 S:6 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4920.0,0.00%,F,F)



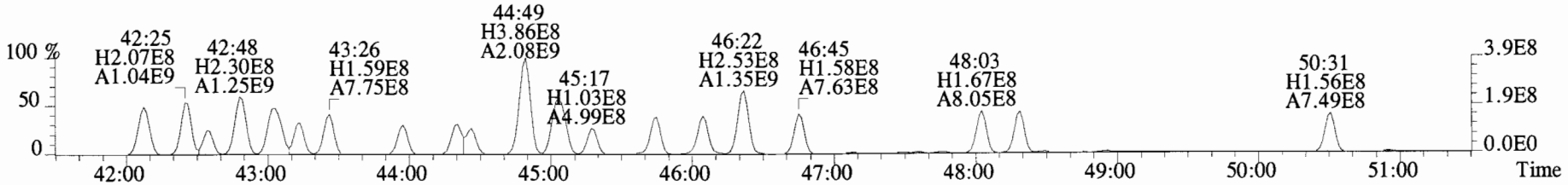
330.9792 S:6 F:3



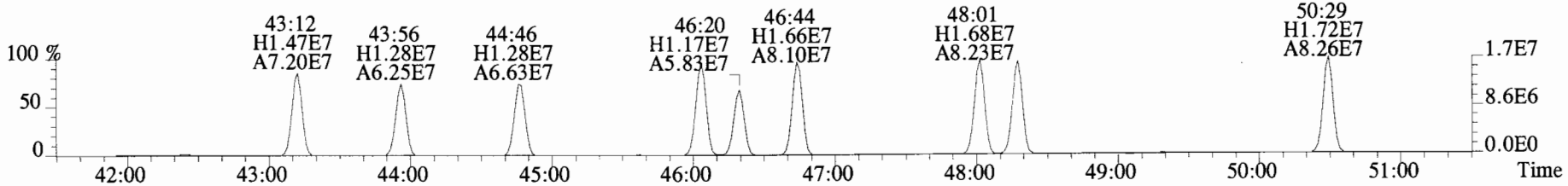
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,852536.0,0.00%,F,F)



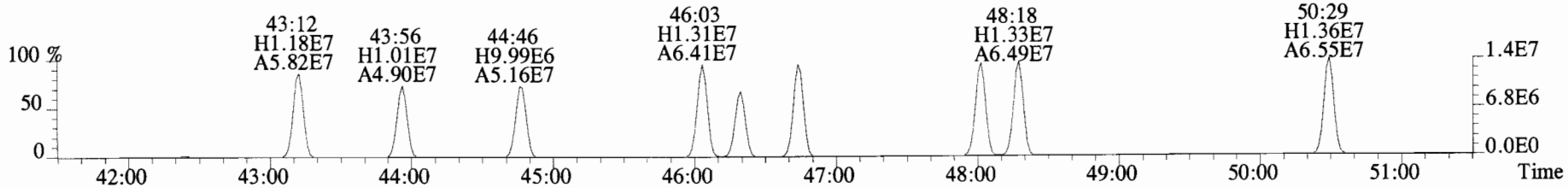
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,706896.0,0.00%,F,F)



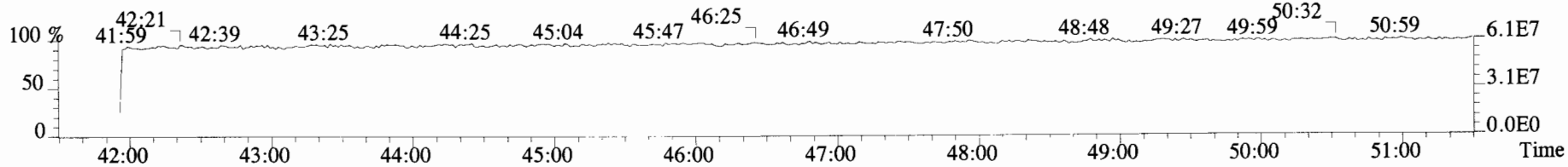
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22548.0,0.00%,F,F)



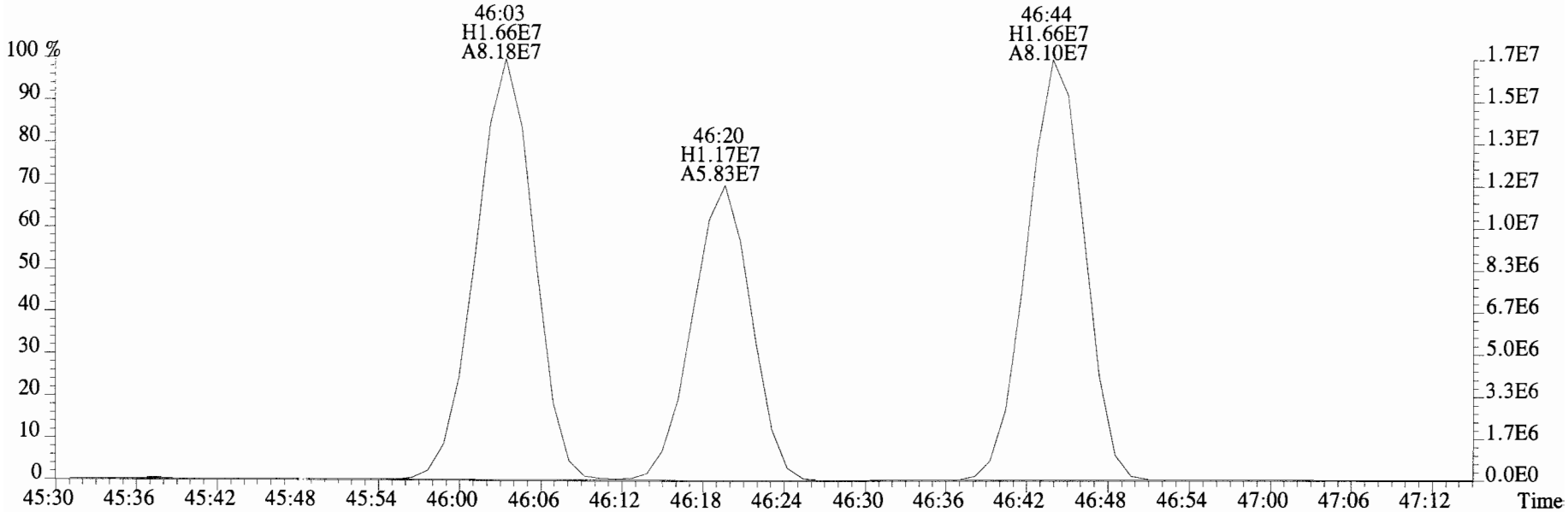
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20628.0,0.00%,F,F)



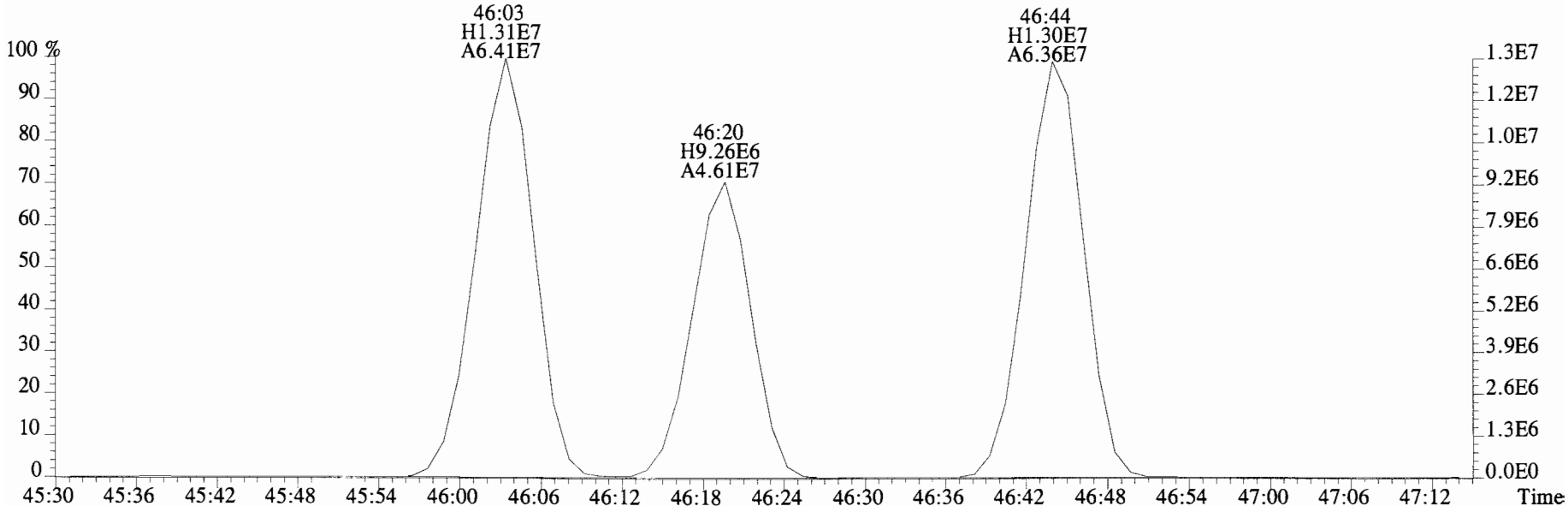
380.9760 S:6 F:4



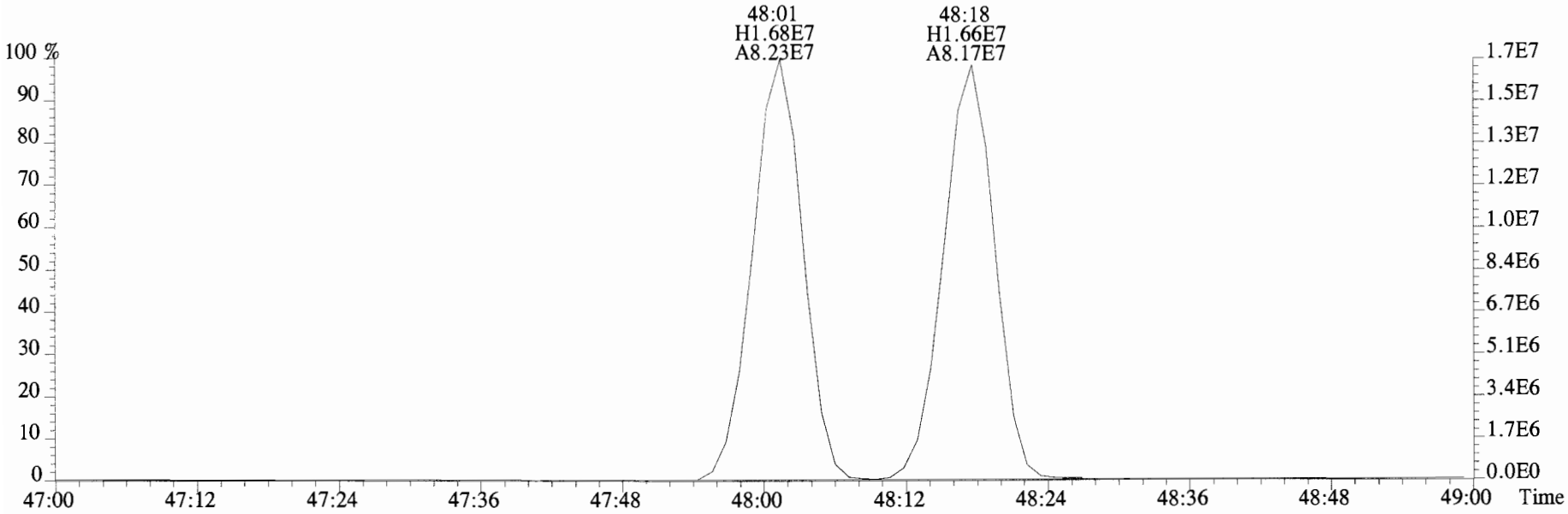
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22548.0,0.00%,F,F)



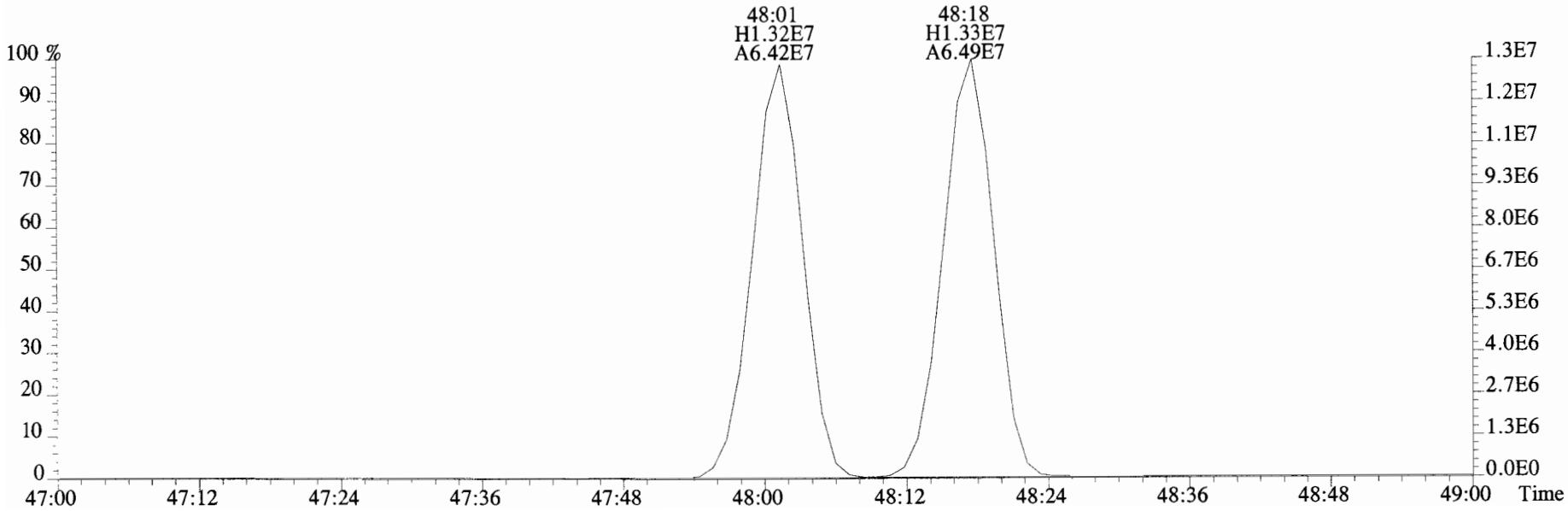
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20628.0,0.00%,F,F)



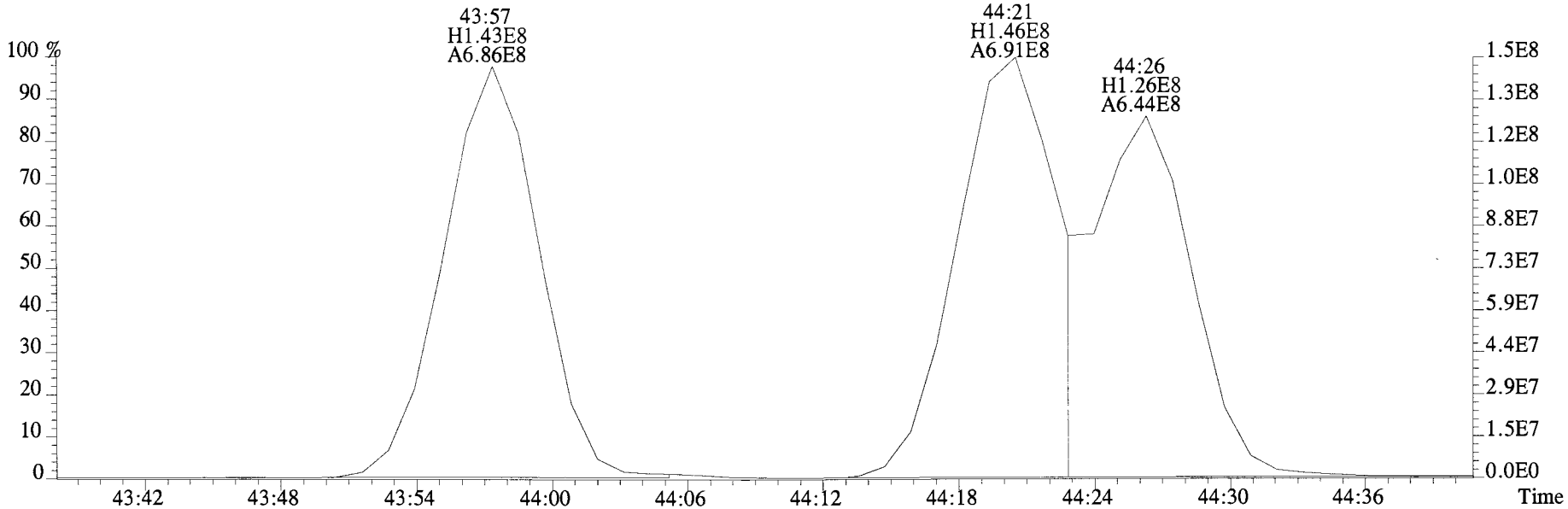
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
371.8817 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22548.0,0.00%,F,F)



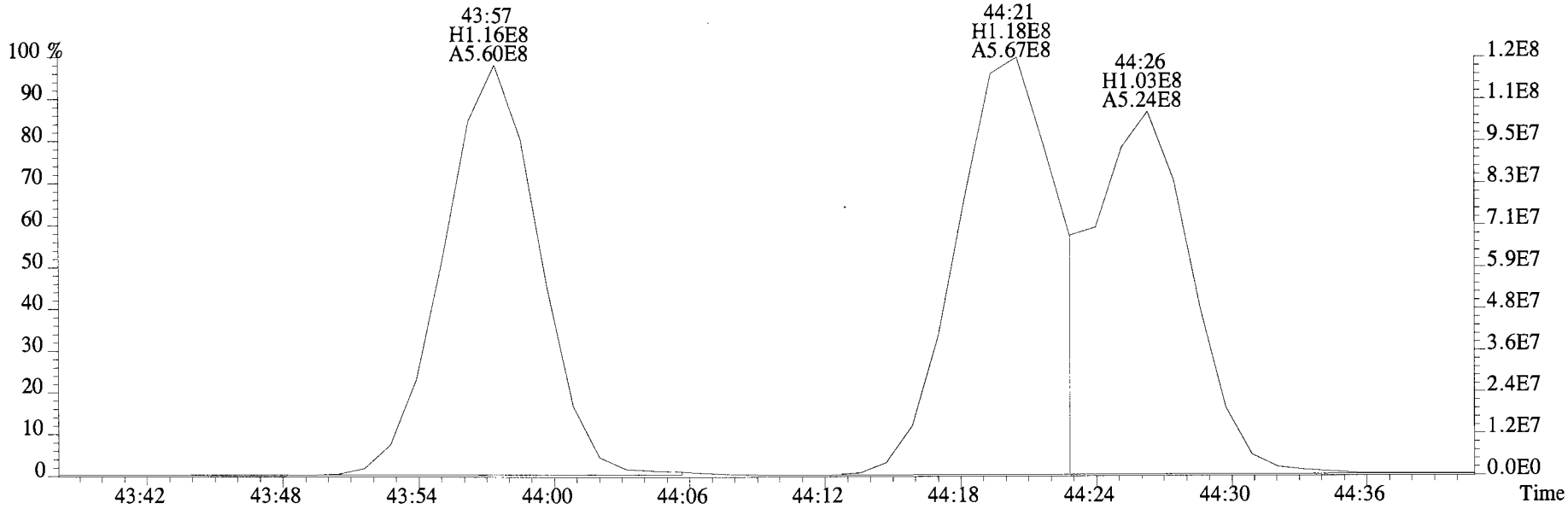
373.8788 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,20628.0,0.00%,F,F)



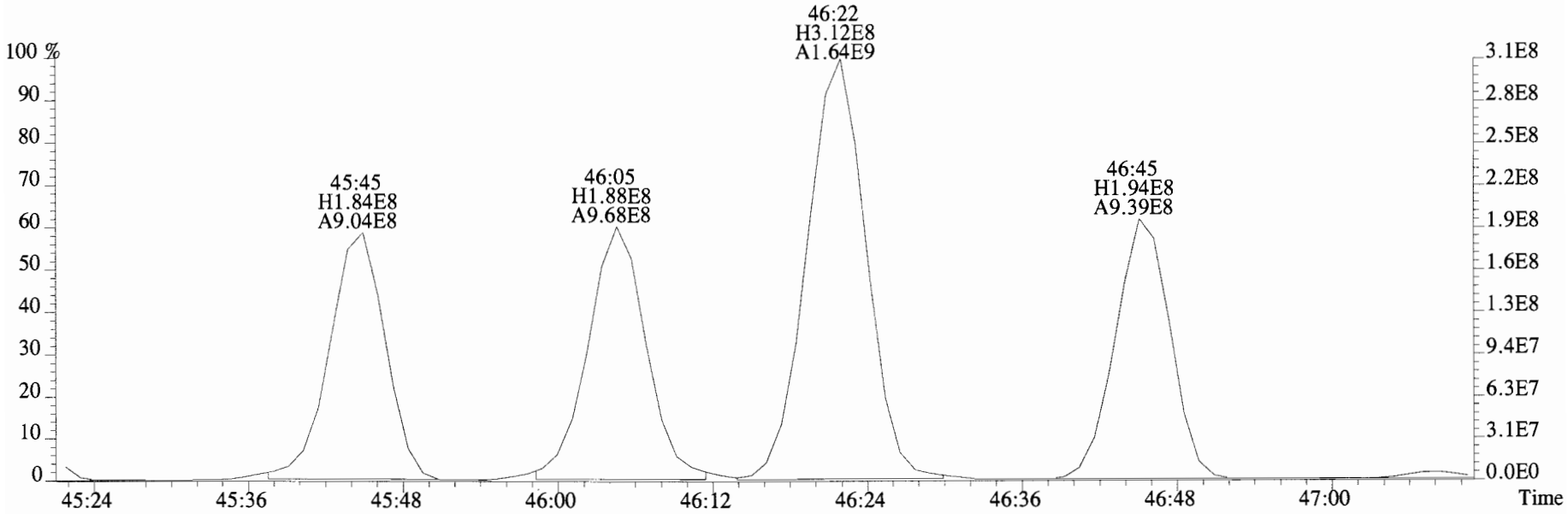
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,852536.0,0.00%,F,F)



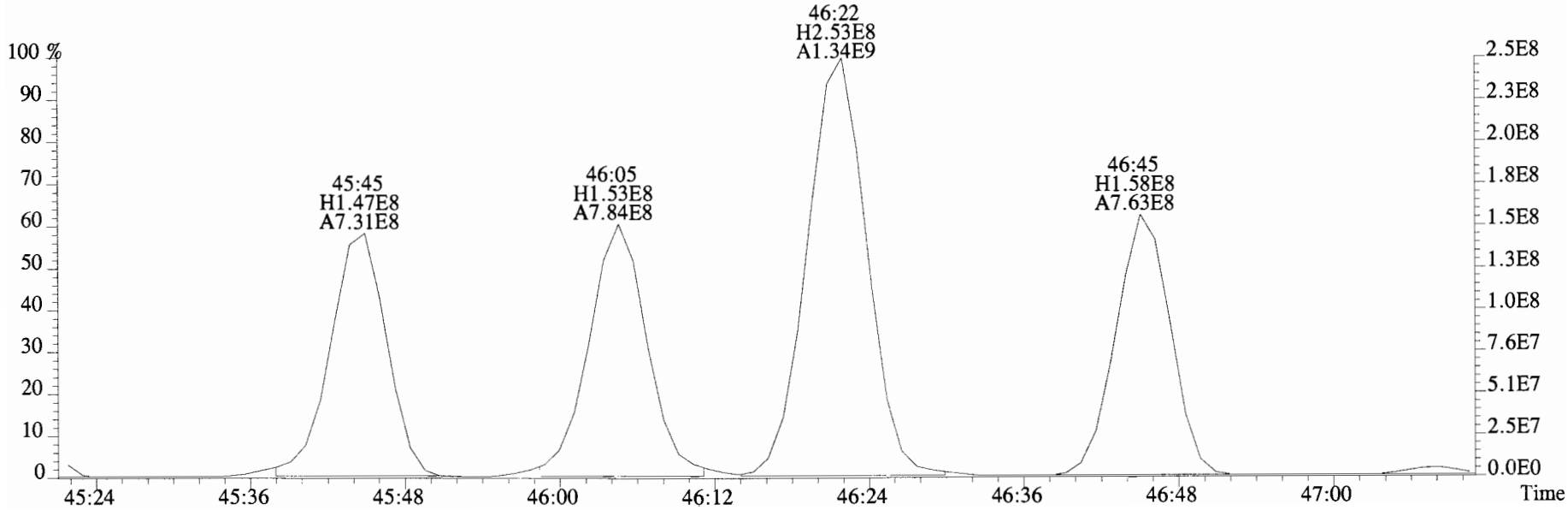
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,706896.0,0.00%,F,F)



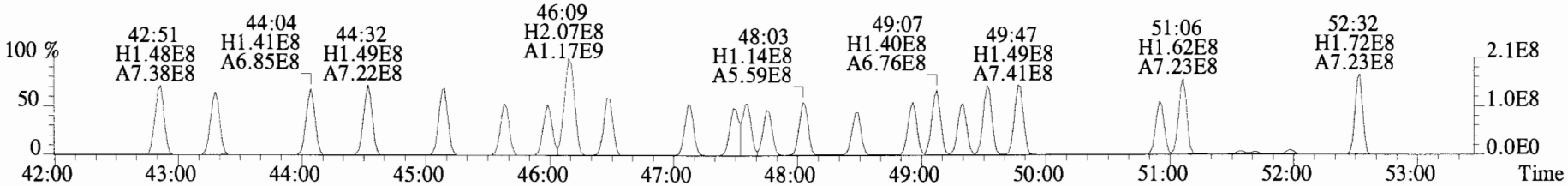
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
359.8415 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,852536.0,0.00%,F,F)



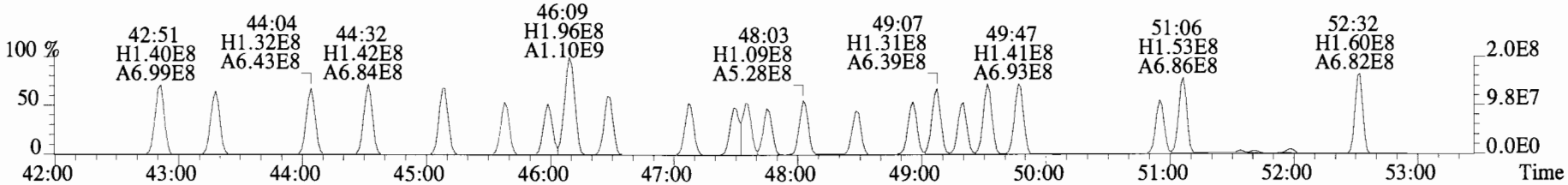
361.8385 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,706896.0,0.00%,F,F)



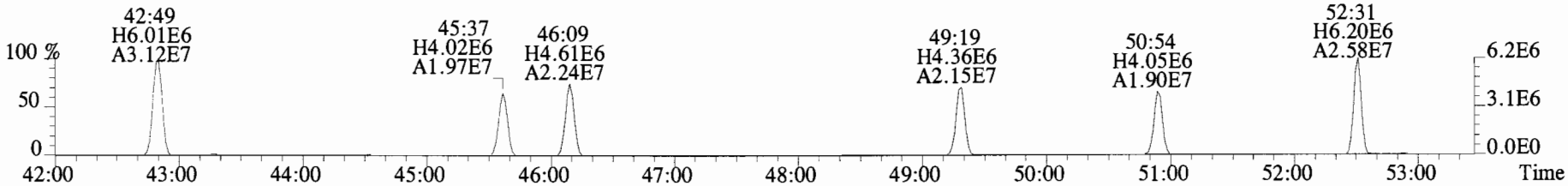
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
393.8025 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,643428.0,0.00%,F,F)



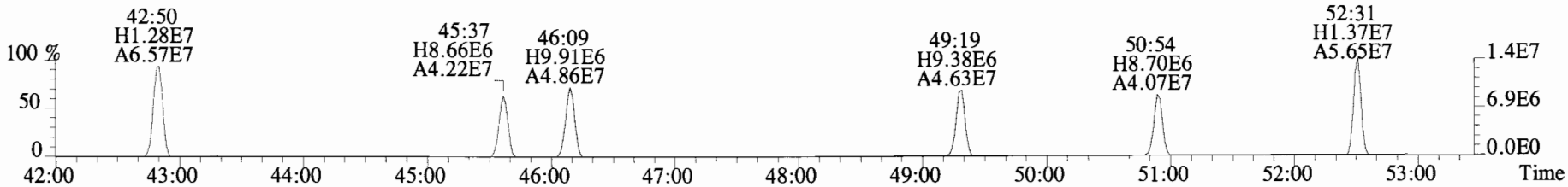
395.7995 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,610560.0,0.00%,F,F)



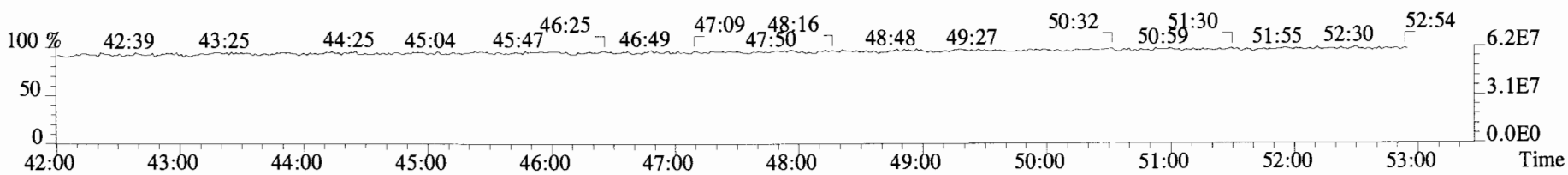
403.8457 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8224.0,0.00%,F,F)



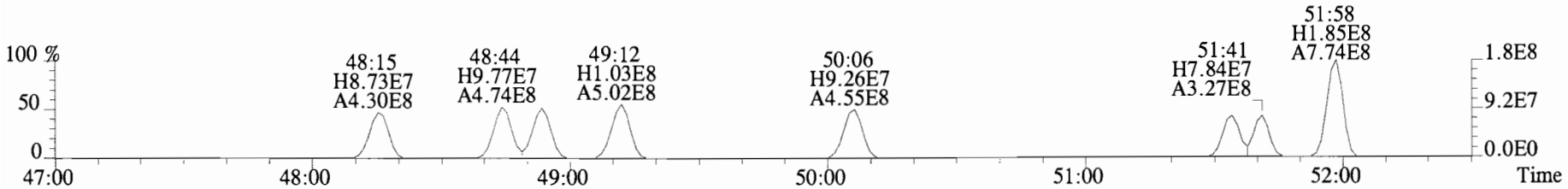
405.8428 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,13512.0,0.00%,F,F)



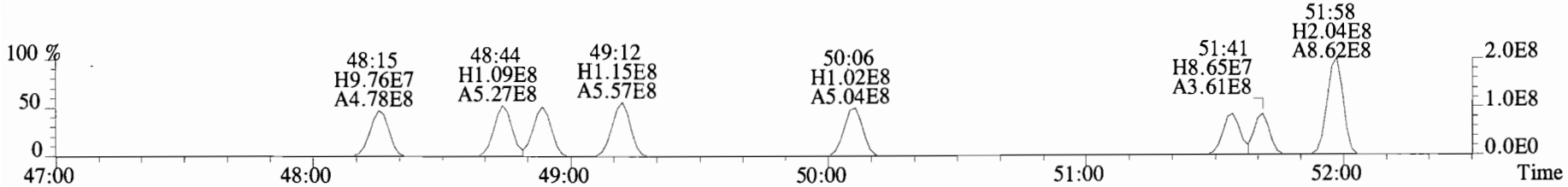
380.9760 S:6 F:4



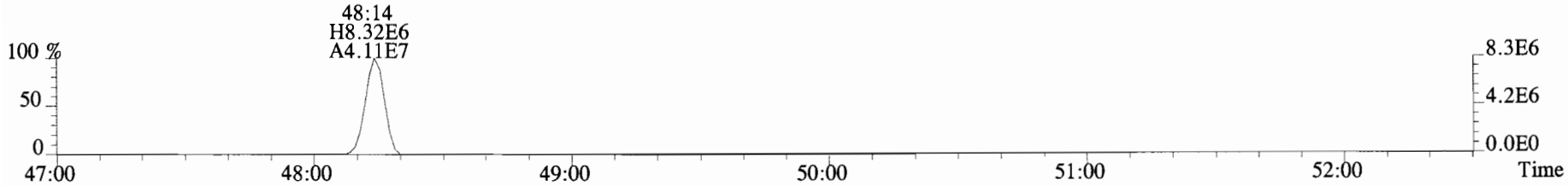
File:171027E1 #1-571 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
427.7635 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,89848.0,0.00%,F,F)



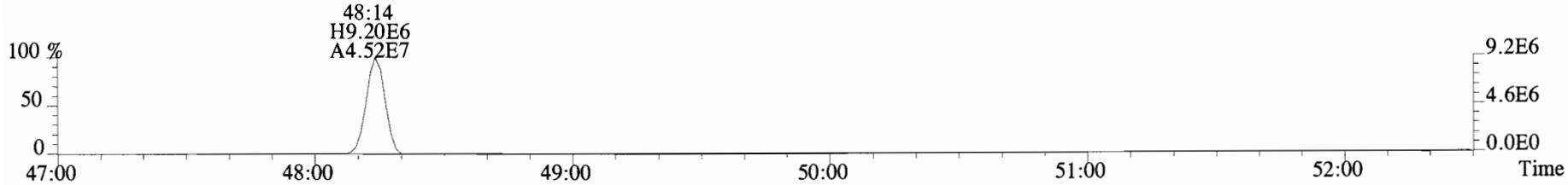
429.7606 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,100360.0,0.00%,F,F)



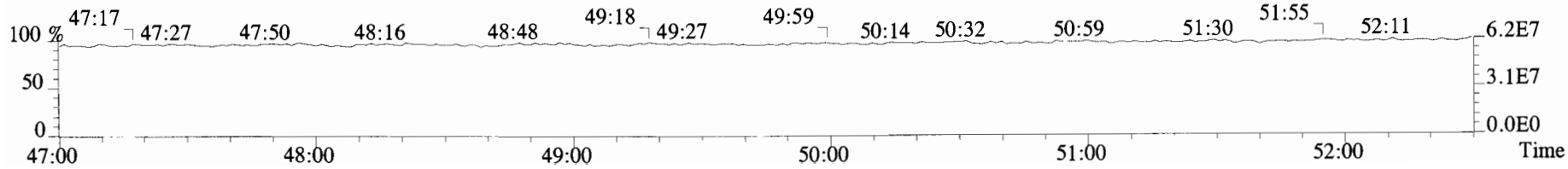
439.8038 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6136.0,0.00%,F,F)



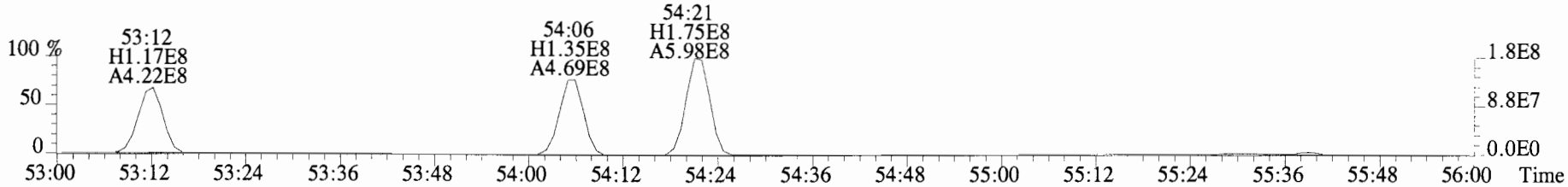
441.8008 S:6 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6436.0,0.00%,F,F)



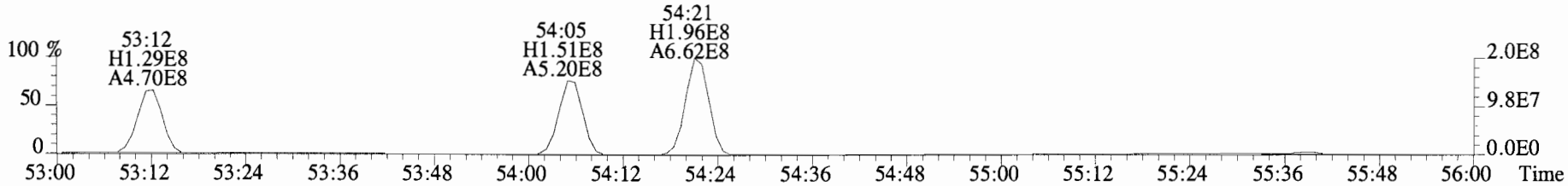
380.9760 S:6 F:4



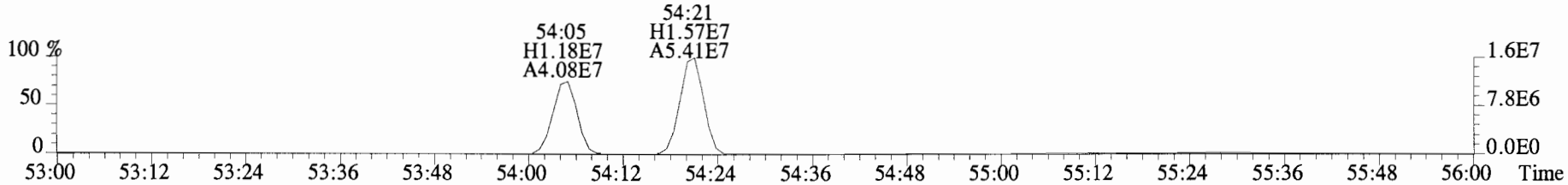
File:171027E1 #1-407 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1
427.7635 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,671340.0,0.00%,F,F)



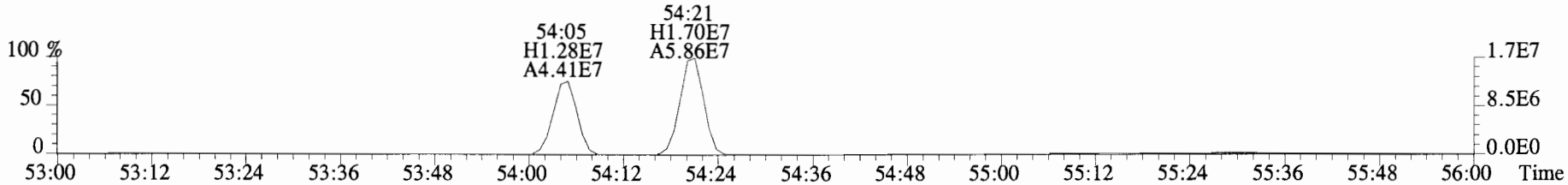
429.7606 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,540492.0,0.00%,F,F)



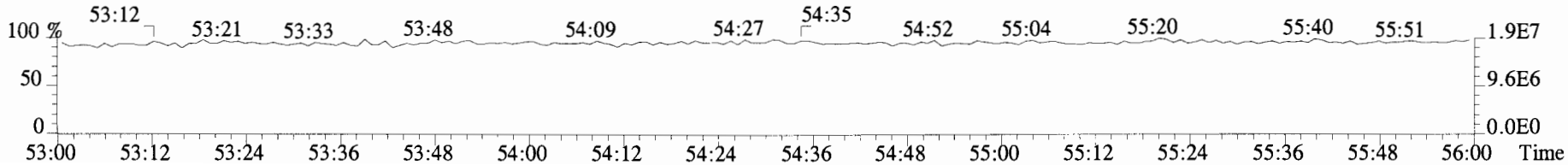
439.8038 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6536.0,0.00%,F,F)



441.8008 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6704.0,0.00%,F,F)

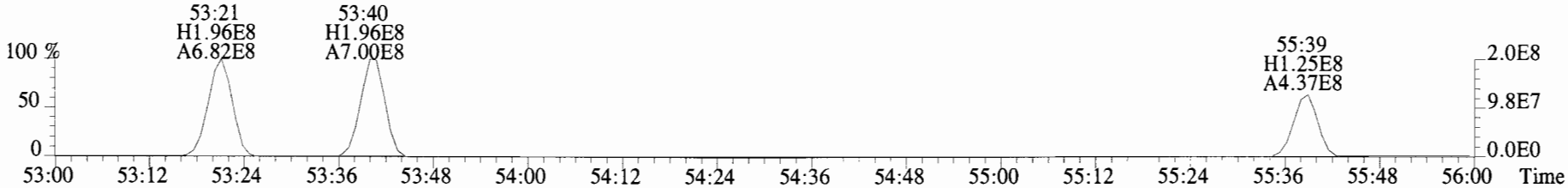


492.9697 S:6 F:5

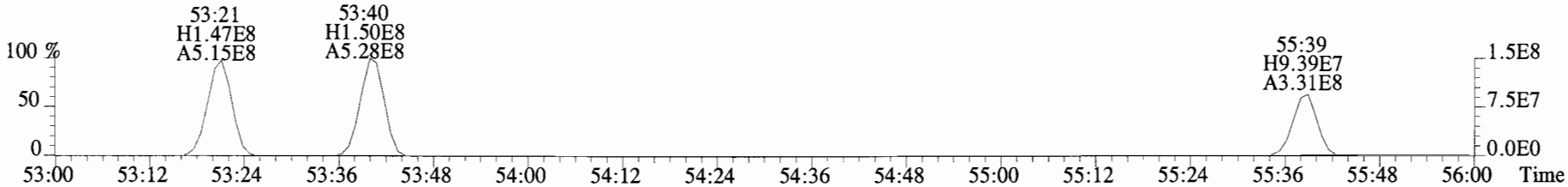


File:171027E1 #1-407 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

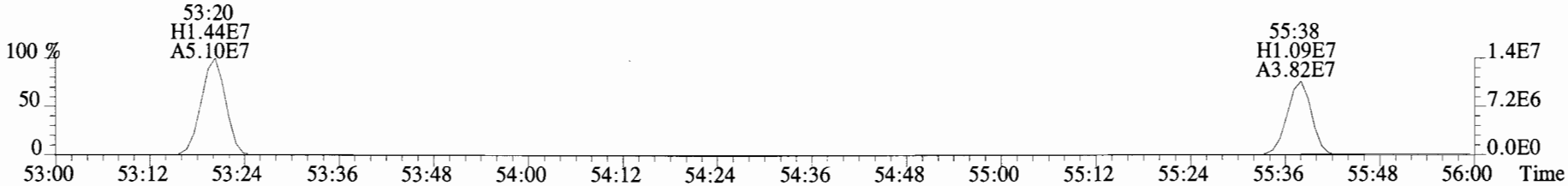
463.7216 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,352256.0,0.00%,F,F)



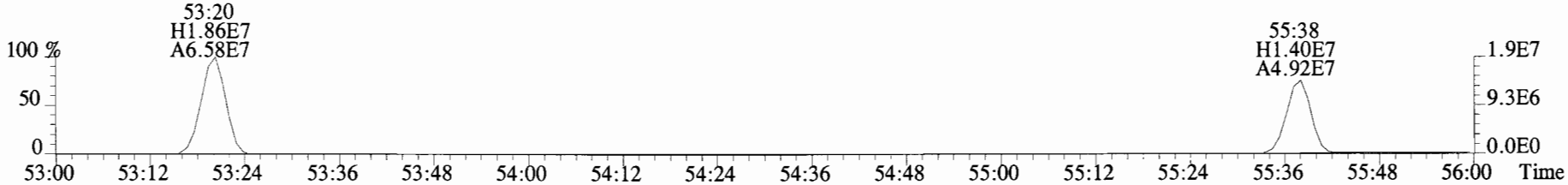
465.7186 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,255100.0,0.00%,F,F)



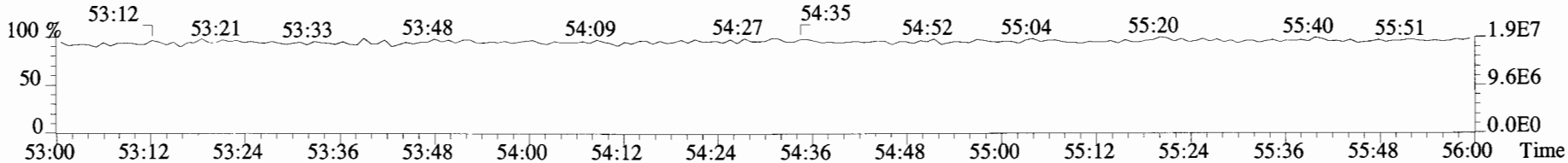
473.7648 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,23680.0,0.00%,F,F)



475.7619 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,32568.0,0.00%,F,F)

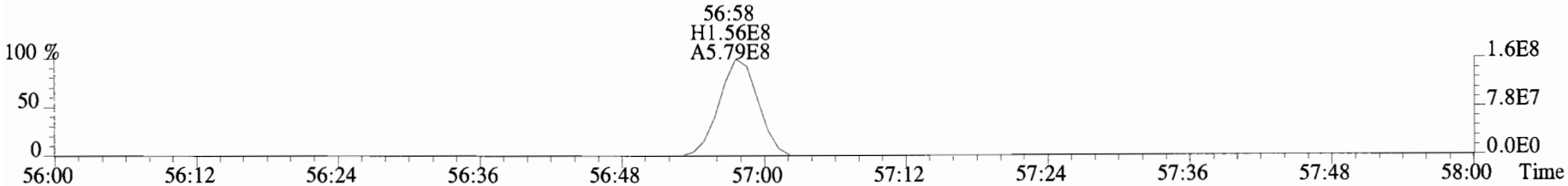


492.9697 S:6 F:5

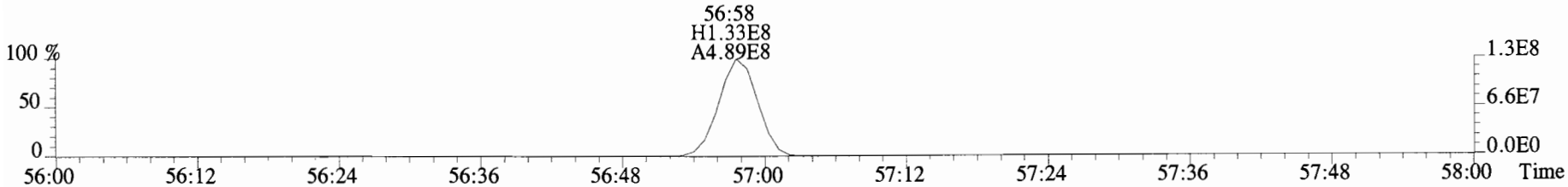


File:171027E1 #1-407 Acq:27-OCT-2017 15:53:06 GC EI+ Voltage SIR Autospec-UltimaE
Sample#6 File Text:Vista Analytical Laboratory VG-8 Text:ST171027E1-6 PCB CS5 17C0313 Exp:PCB_ZB1

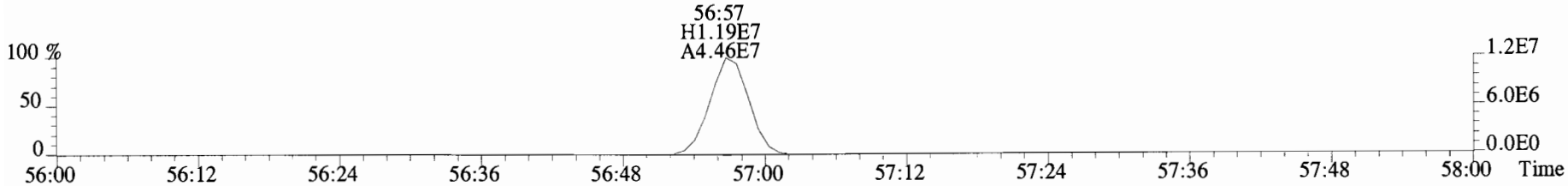
497.6826 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2172.0,0.00%,F,F)



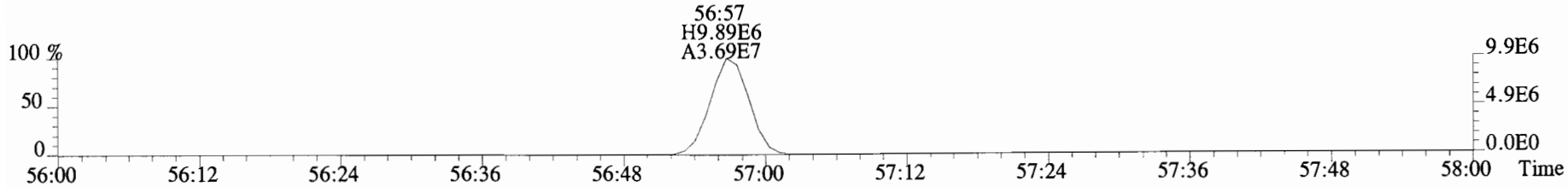
499.6797 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2232.0,0.00%,F,F)



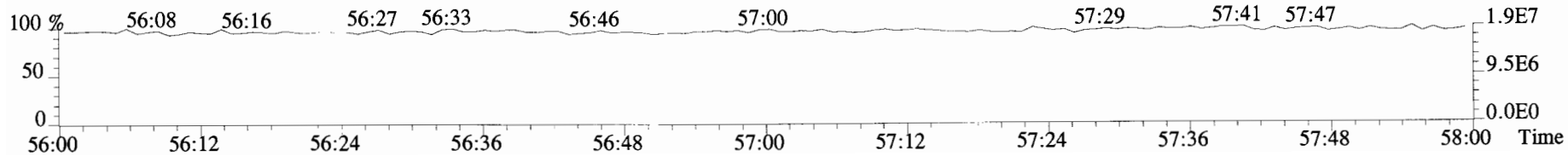
509.7229 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2072.0,0.00%,F,F)



511.7199 S:6 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1424.0,0.00%,F,F)

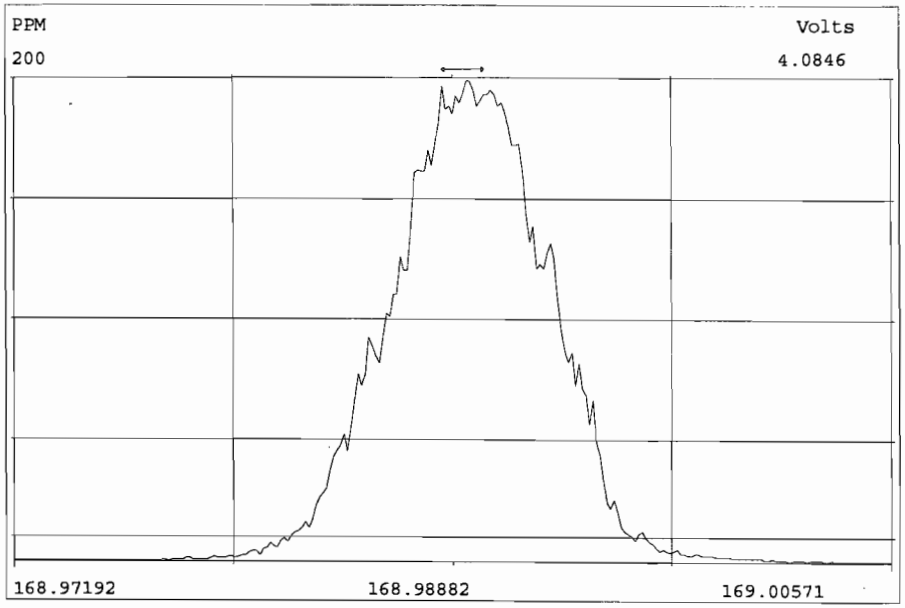


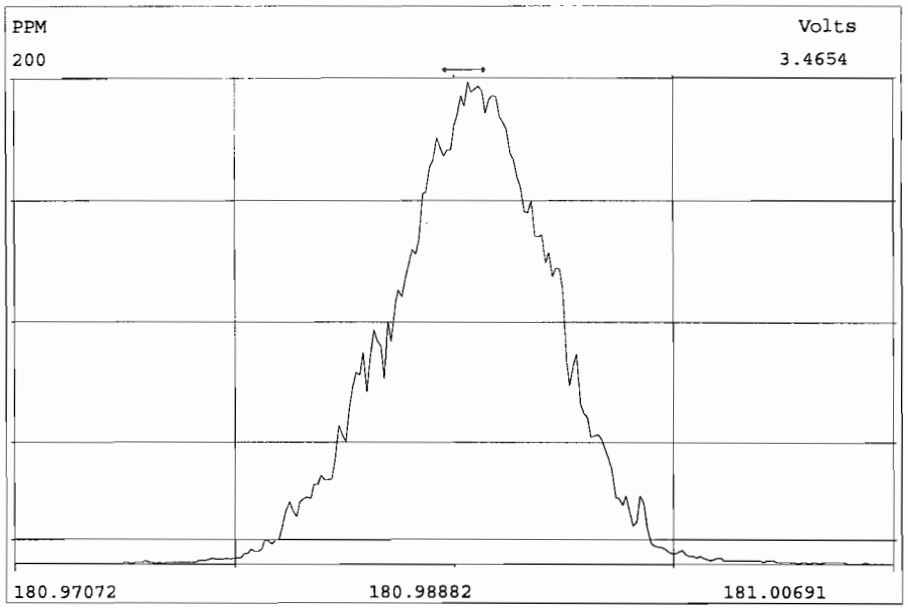
492.9697 S:6 F:5

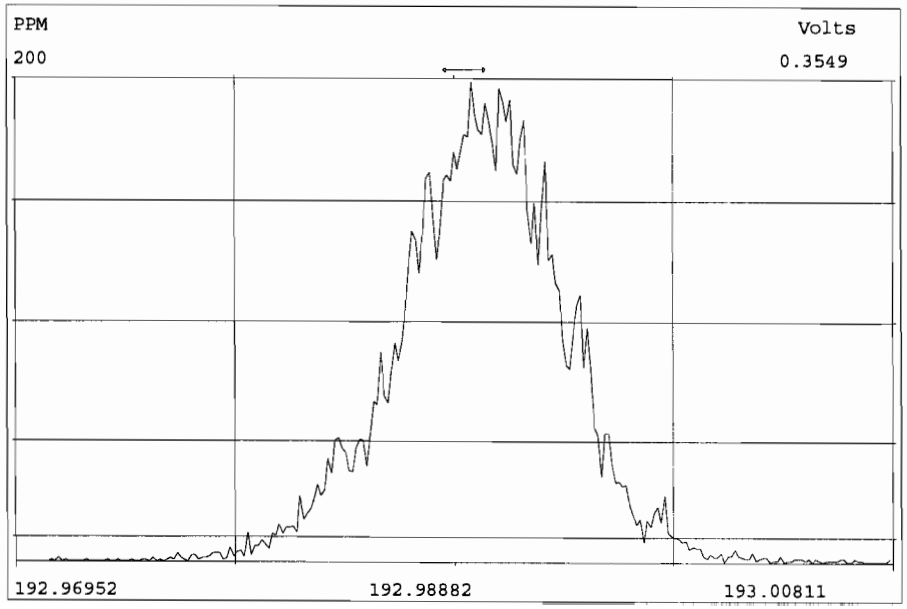


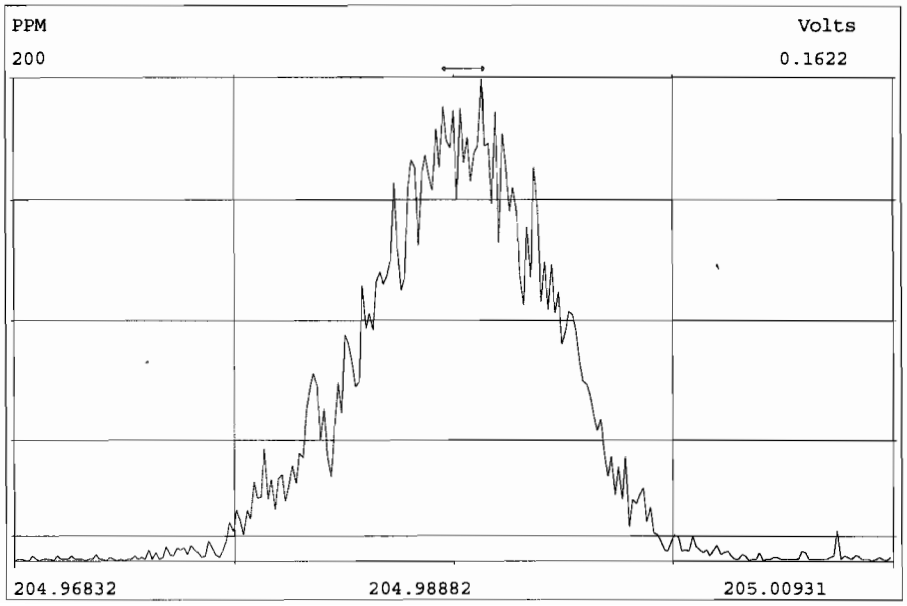
Peak Locate Examination:27-OCT-2017:19:15 File:RES_CHECK

Experiment:PCB_ZB1 Function:1 Reference:PFK



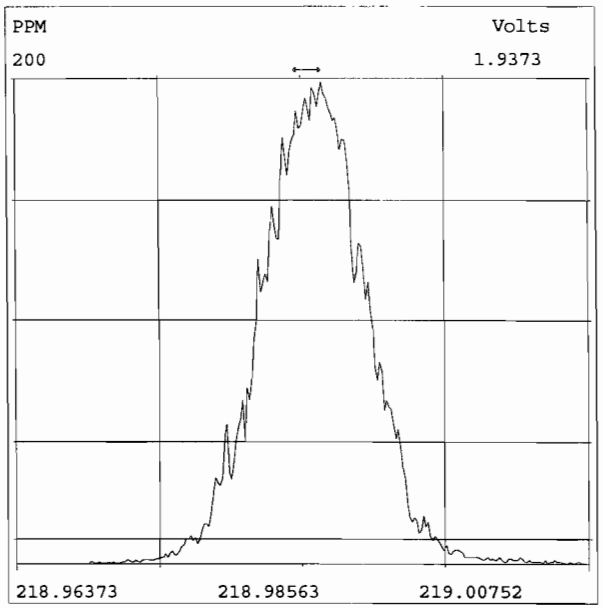


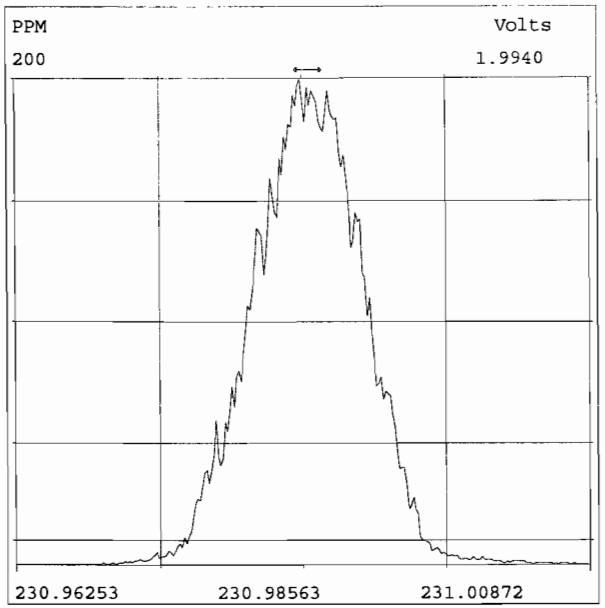


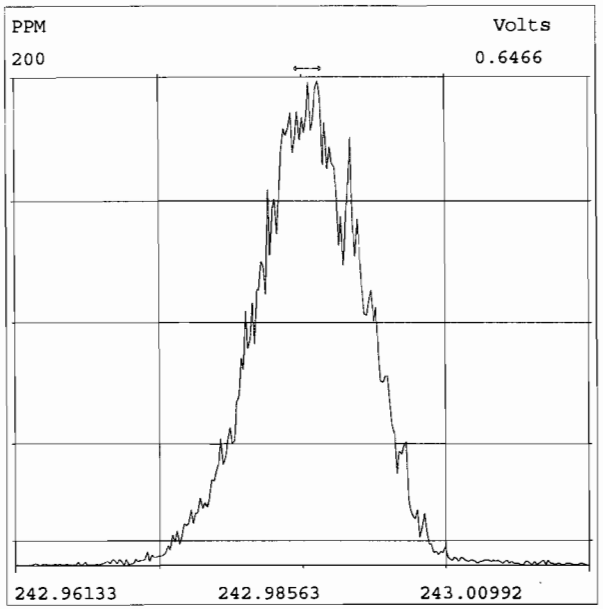


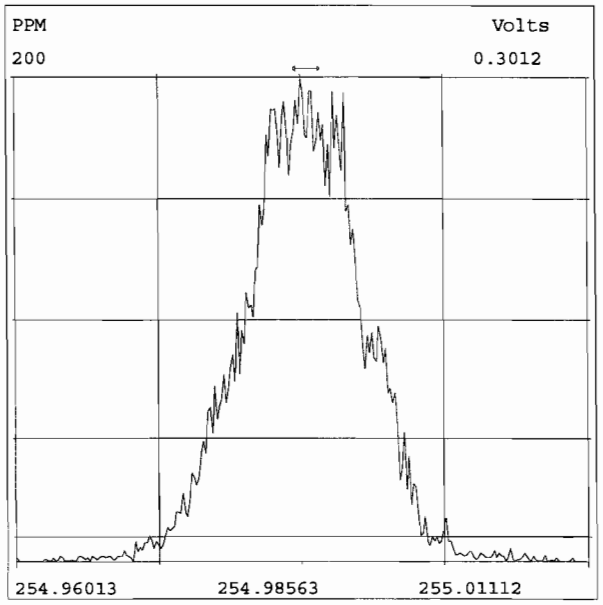
Peak Locate Examination:27-OCT-2017:19:16 File:RES_CHECK

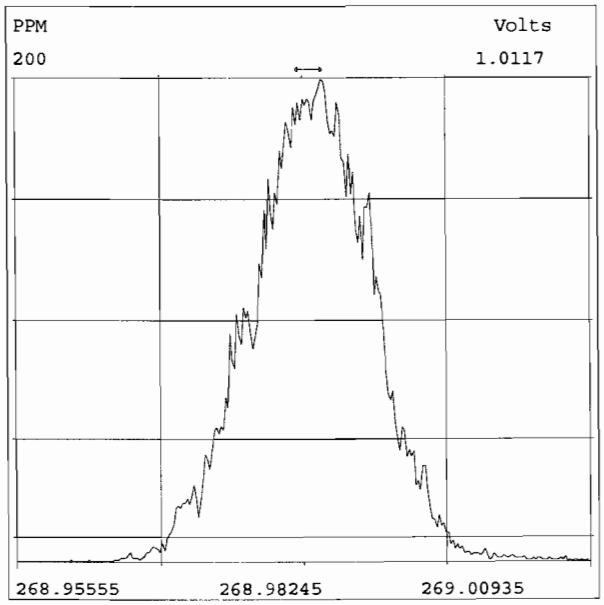
Experiment:PCB_ZB1 Function:2 Reference:PFK

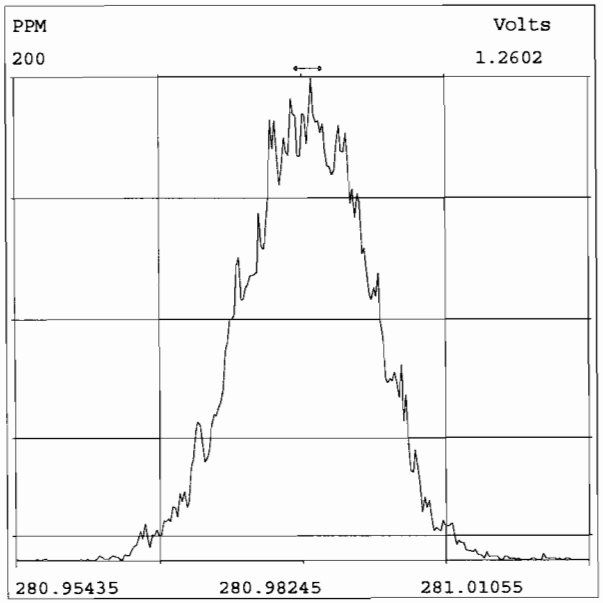






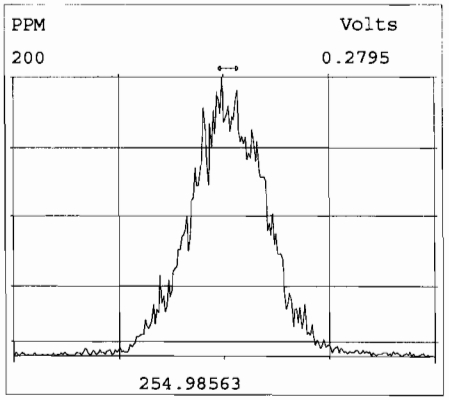


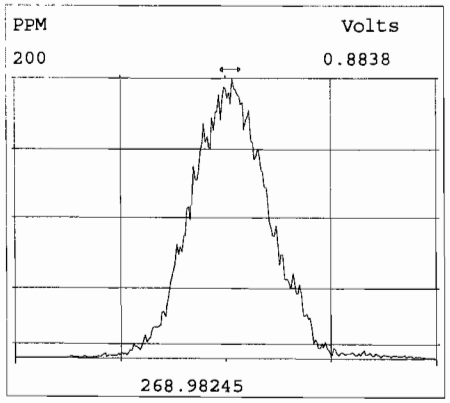


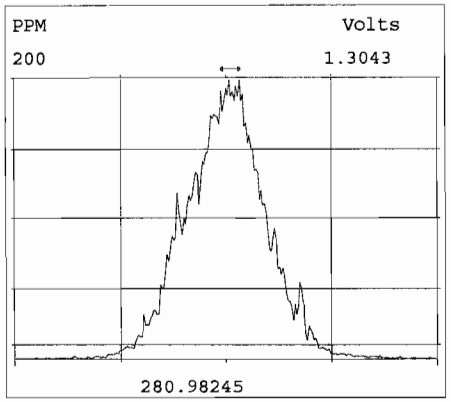


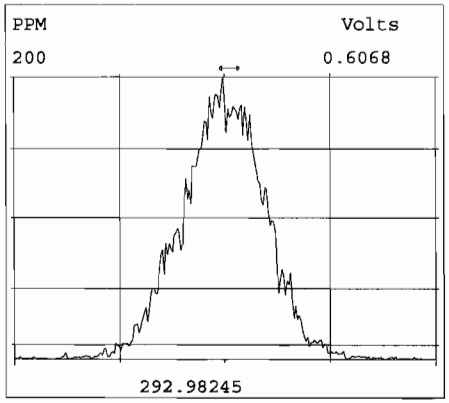
Peak Locate Examination:27-OCT-2017:19:17 File:RES_CHECK

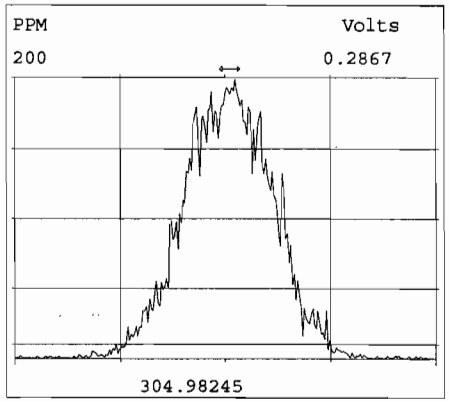
Experiment:PCB_ZB1 Function:3 Reference:PFK

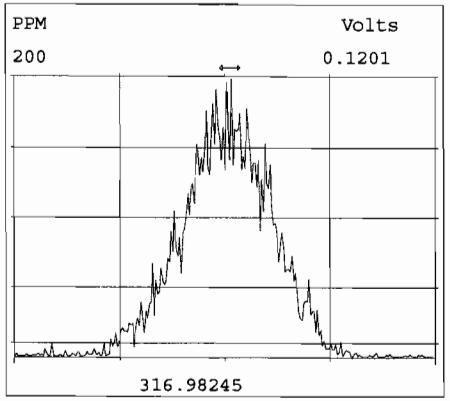


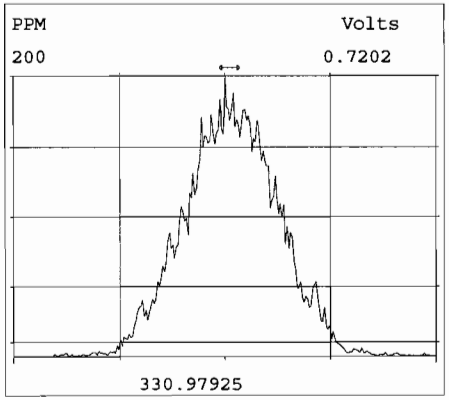


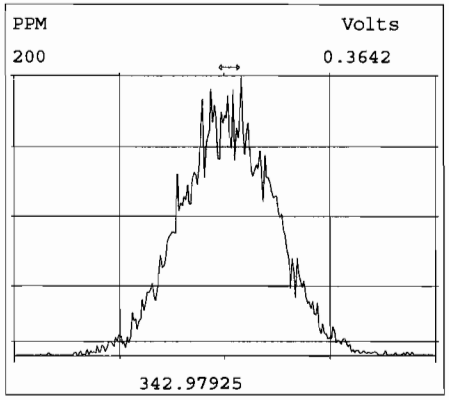


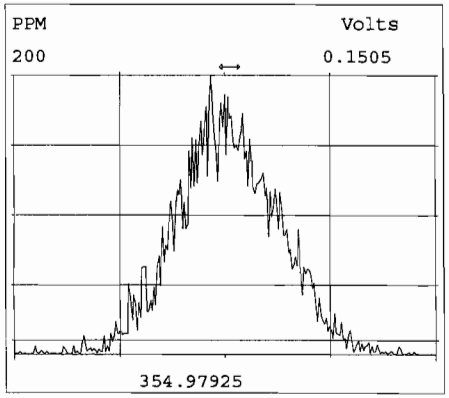


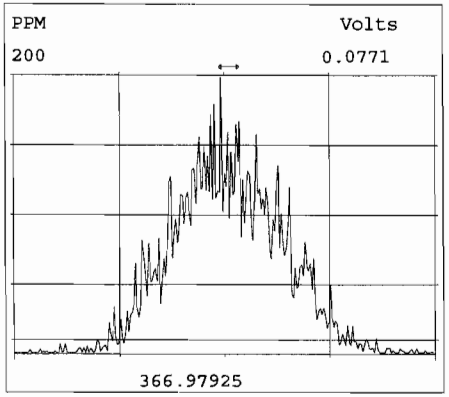


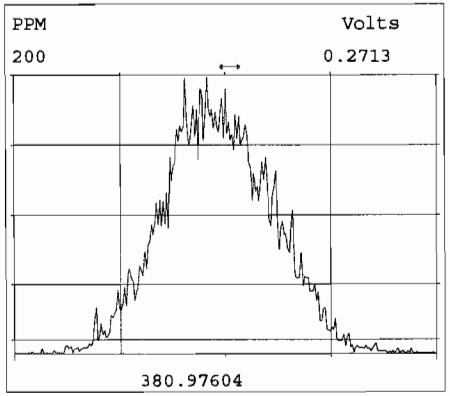






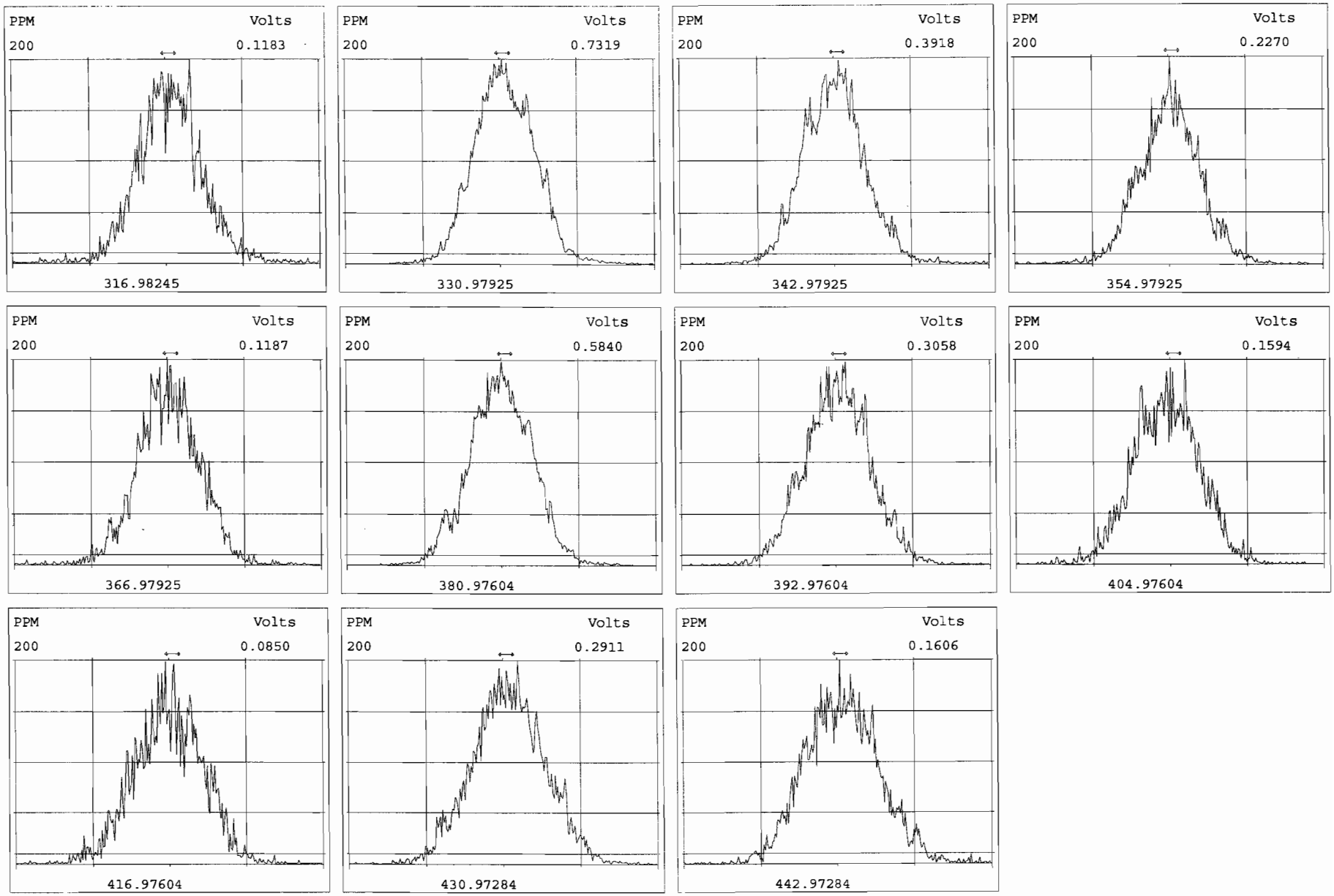






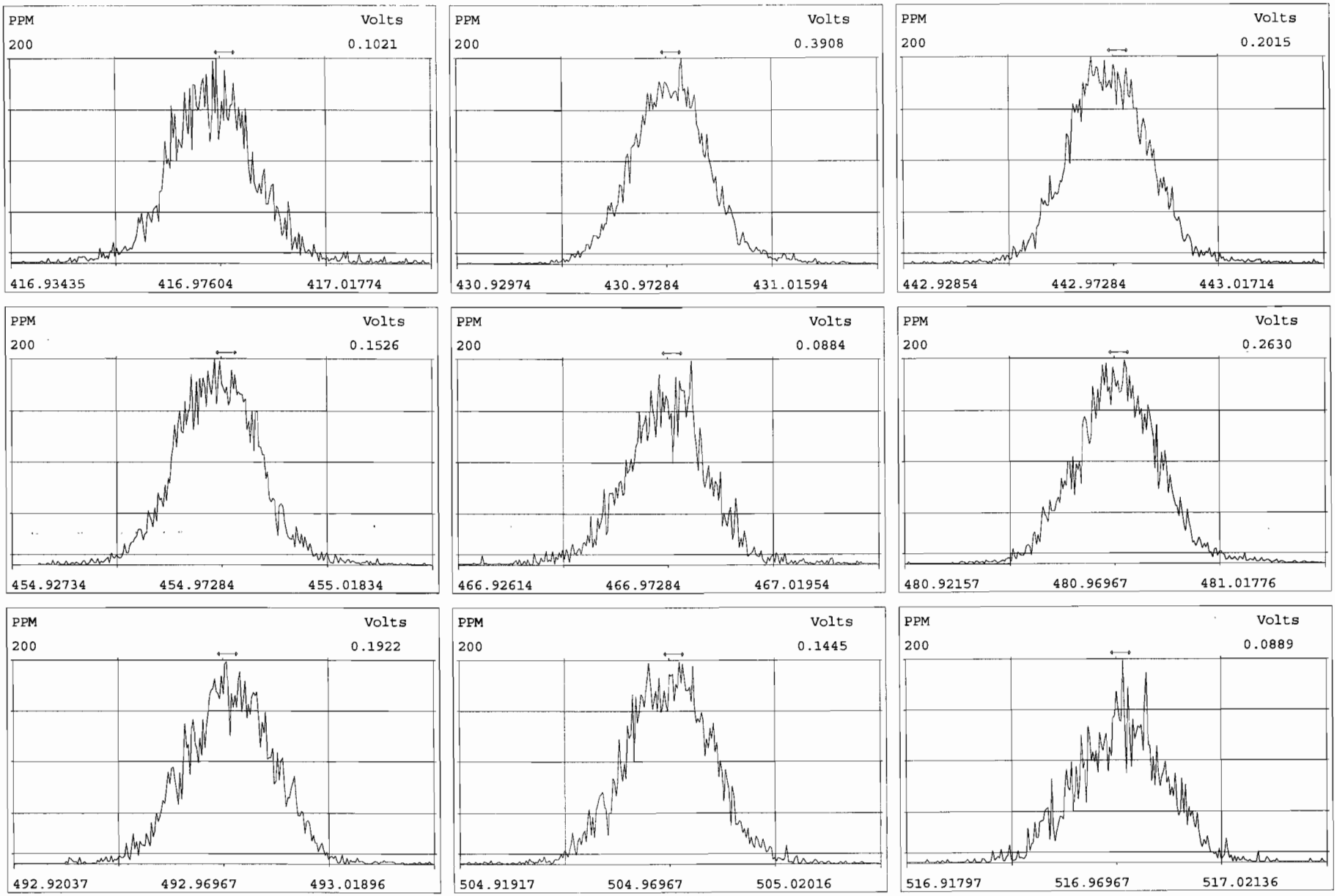
Peak Locate Examination:27-OCT-2017:19:18 File:RES_CHECK

Experiment:PCB_ZB1 Function:4 Reference:PFK



Peak Locate Examination:27-OCT-2017:19:19 File:RES_CHECK

Experiment:PCB_ZB1 Function:5 Reference:PFK



Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA

Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVC8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
	PCB-1	2.30e+08	3.02	y	1.14	16:03	1.001	0.996	1.006	95.9217
	PCB-2	*	*	n	1.09	NotFnd	*	0.983	0.993	*
	PCB-3	2.48e+08	3.03	y	1.10	18:41	1.001	0.996	1.006	96.4749
	PCB-4/10	3.12e+08	1.56	y	1.41	20:04	1.003	0.998	1.008	181.794
	PCB-7/9	1.91e+08	1.55	y	1.13	21:50	0.866	0.864	0.871	90.0758
	PCB-6	*	*	n	1.09	NotFnd	*	0.888	0.897	*
	PCB-5/8	1.98e+08	1.57	y	1.14	22:54	0.909	0.905	0.913	92.6130
	PCB-14	*	*	n	1.39	NotFnd	*	0.948	0.958	*
	PCB-11	1.82e+08	1.59	y	1.18	25:13	1.001	0.996	1.006	89.3370
	PCB-12/13	1.70e+08	1.55	y	1.15	25:39	1.018	1.011	1.021	85.2158
	PCB-15	1.96e+08	1.55	y	1.26	25:55	1.028	1.023	1.033	89.4667
	PCB-19	6.96e+07	1.06	y	1.25	24:12	1.001	0.996	1.006	47.3771
	PCB-30	*	*	n	1.94	NotFnd	*	1.033	1.043	*
	PCB-18	6.80e+07	1.05	y	0.95	25:51	0.954	0.949	0.959	43.1947
	PCB-17	*	*	n	1.03	NotFnd	*	0.955	0.965	*
	PCB-24/27	*	*	n	1.35	NotFnd	*	0.976	0.986	*
-	PCB-16/32	*	*	n	1.11	NotFnd	*	0.995	1.005	*
-	PCB-34	*	*	n	1.19	NotFnd	*	0.955	0.965	*
	PCB-23	*	*	n	1.24	NotFnd	*	0.958	0.968	*
	PCB-29	*	*	n	1.26	NotFnd	*	0.966	0.976	*
	PCB-26	*	*	n	1.23	NotFnd	*	0.974	0.984	*
	PCB-25	*	*	n	1.15	NotFnd	*	0.980	0.990	*
	PCB-31	8.66e+07	1.06	y	1.32	28:59	0.997	0.992	1.002	37.5188
	PCB-28	9.54e+07	1.06	y	1.25	29:04	1.000	0.995	1.005	43.6222
	PCB-20/21/33	8.38e+07	1.05	y	1.20	29:43	1.022	1.017	1.027	39.8759
	PCB-22	*	*	n	1.20	NotFnd	*	1.032	1.042	*
	PCB-36	*	*	n	1.24	NotFnd	*	0.929	0.939	*
	PCB-39	*	*	n	1.32	NotFnd	*	0.943	0.953	*
	PCB-38	7.92e+07	1.06	y	1.18	31:59	0.971	0.966	0.976	42.5909
	PCB-35	8.20e+07	1.05	y	1.20	32:31	0.987	0.982	0.992	43.3194
	PCB-37	8.76e+07	1.05	y	1.33	32:57	1.000	0.995	1.005	41.6582
	PCB-54	8.64e+07	0.78	y	1.12	27:57	1.001	0.996	1.006	47.8448
	PCB-50	*	*	n	0.90	NotFnd	*	1.038	1.048	*
	PCB-53	*	*	n	1.14	NotFnd	*	0.941	0.951	*
	PCB-51	*	*	n	1.18	NotFnd	*	0.952	0.962	*
	PCB-45	*	*	n	1.03	NotFnd	*	0.965	0.975	*
	PCB-46	*	*	n	0.98	NotFnd	*	0.981	0.991	*

Name	Resp	RA		RRF	RT	RRT	LCL	UCL	Conc
PCB-52/69	7.12e+07	0.79	y	1.325	31:30	1.000	0.996	1.006	41.9155
PCB-73	*	*	n	1.388	NotFnd	*	1.000	1.010	*
PCB-43/49	6.63e+07	0.77	y	1.141	31:48	1.010	1.005	1.015	45.3308
PCB-47	*	*	n	1.042	NotFnd	*	0.996	1.006	*
PCB-48/75	*	*	n	1.313	NotFnd	*	0.999	1.009	*
PCB-65	*	*	n	1.234	NotFnd	*	1.007	1.017	*
PCB-62	*	*	n	1.267	NotFnd	*	1.011	1.021	*
PCB-44	5.82e+07	0.78	y	0.909	32:48	1.025	1.020	1.030	45.2927
PCB-42/59	*	*	n	1.197	NotFnd	*	1.027	1.037	*
PCB-41/64/71/72	*	*	n	1.273	NotFnd	*	1.046	1.056	*
PCB-68	*	*	n	1.477	NotFnd	*	1.054	1.064	*
PCB-40	*	*	n	0.820	NotFnd	*	1.060	1.070	*
PCB-57	8.02e+07	0.78	y	1.146	34:27	0.970	0.965	0.975	44.0019
PCB-67	*	*	n	1.144	NotFnd	*	0.974	0.984	*
PCB-58	*	*	n	1.221	NotFnd	*	0.977	0.987	*
PCB-63	*	*	n	1.222	NotFnd	*	0.982	0.992	*
PCB-74	8.40e+07	0.79	y	1.225	35:18	0.994	0.990	1.000	43.1054
PCB-61/70	8.70e+07	0.77	y	1.165	35:31	1.000	0.994	1.004	46.9344
PCB-76/66	8.65e+07	0.78	y	1.199	35:43	1.006	1.001	1.011	45.3440
PCB-80	*	*	n	1.383	NotFnd	*	0.995	1.005	*
PCB-55	*	*	n	1.261	NotFnd	*	1.004	1.014	*
PCB-56/60	*	*	n	1.161	NotFnd	*	1.018	1.028	*
PCB-79	8.32e+07	0.79	y	1.241	37:48	1.052	1.047	1.057	42.9166
PCB-78	7.22e+07	0.79	y	1.129	38:30	0.987	0.982	0.992	41.7299
PCB-81	8.40e+07	0.78	y	1.265	39:02	1.000	0.995	1.005	43.2962
PCB-77	8.06e+07	0.79	y	1.324	39:37	1.000	0.995	1.005	42.3693
PCB-104	6.20e+07	1.60	y	1.367	32:39	1.000	0.996	1.006	44.6220
PCB-96	*	*	n	1.184	NotFnd	*	1.034	1.044	*
PCB-103	*	*	n	1.122	NotFnd	*	1.051	1.061	*
PCB-100	*	*	n	1.096	NotFnd	*	1.062	1.072	*
PCB-94	*	*	n	1.163	NotFnd	*	0.981	0.991	*
PCB-95/98/102	4.33e+07	1.61	y	1.313	35:49	1.000	0.994	1.004	43.0054
PCB-93	*	*	n	1.079	NotFnd	*	0.997	1.007	*
PCB-88/91	*	*	n	1.198	NotFnd	*	1.005	1.015	*
PCB-121	*	*	n	1.847	NotFnd	*	1.009	1.019	*
PCB-84/92	*	*	n	1.217	NotFnd	*	0.985	0.995	*
PCB-89	*	*	n	1.185	NotFnd	*	0.990	1.000	*

Integrations by Analyst: MD

Date: 10/30/17

Reviewed by Analyst: [illegible]

Date: 11/1/17

Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA
Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-90/101	4.67e+07	1.60 y	1.38	37:30	1.000	0.995	1.005	44.8233
PCB-113	*	* n	1.52	NotFnd	*	1.002	1.012	*
PCB-99	4.67e+07	1.61 y	1.48	37:49	1.009	1.004	1.014	41.9953
PCB-119	*	* n	2.12	NotFnd	*	0.982	0.992	*
PCB-108/112	*	* n	1.59	NotFnd	*	0.986	0.996	*
PCB-83	*	* n	1.90	NotFnd	*	0.991	1.001	*
PCB-97	*	* n	1.50	NotFnd	*	0.995	1.005	*
PCB-86	*	* n	1.19	NotFnd	*	0.999	1.009	*
B-87/117/125	3.94e+07	1.60 y	1.76	39:04	1.007	1.002	1.012	35.0035
PCB-111/115	5.44e+07	1.60 y	2.09	39:14	1.012	1.007	1.017	40.7988
PCB-85/116	*	* n	1.53	NotFnd	*	1.010	1.020	*
PCB-120	*	* n	2.19	NotFnd	*	1.016	1.026	*
PCB-110	5.38e+07	1.62 y	1.87	39:44	1.024	1.020	1.030	45.1357
PCB-82	*	* n	0.88	NotFnd	*	0.971	0.981	*
PCB-124	*	* n	1.46	NotFnd	*	0.988	0.998	*
PCB-107/109	*	* n	1.47	NotFnd	*	0.991	1.001	*
PCB-123	5.38e+07	1.59 y	1.48	41:22	1.001	0.996	1.006	42.8706
- PCB-106/118	5.66e+07	1.60 y	1.45	41:32	1.000	0.996	1.006	44.2384
- PCB-114	5.56e+07	1.57 y	1.39	42:11	1.000	0.995	1.005	39.6351
PCB-122	*	* n	1.21	NotFnd	*	0.999	1.009	*
PCB-105	5.87e+07	1.59 y	1.44	43:03	1.001	0.995	1.005	40.1857
PCB-127	*	* n	1.19	NotFnd	*	0.995	1.005	*
PCB-126	6.11e+07	1.59 y	1.33	45:17	1.000	0.995	1.005	46.3147
PCB-155	4.38e+07	1.27 y	1.42	37:03	1.001	0.966	1.006	42.6203
PCB-150	*	* n	1.32	NotFnd	*	1.029	1.039	*
PCB-152	*	* n	1.30	NotFnd	*	1.042	1.052	*
PCB-145	*	* n	1.27	NotFnd	*	1.054	1.064	*
PCB-136	*	* n	1.30	NotFnd	*	1.063	1.073	*
PCB-148	*	* n	0.94	NotFnd	*	1.066	1.076	*
PCB-154	*	* n	1.04	NotFnd	*	1.079	1.089	*
PCB-151	*	* n	0.97	NotFnd	*	1.095	1.107	*
PCB-135	*	* n	0.99	NotFnd	*	1.101	1.113	*
PCB-144	*	* n	0.99	NotFnd	*	1.105	1.116	*
PCB-147	*	* n	0.89	NotFnd	*	1.108	1.120	*
PCB-139/149	3.02e+07	1.29 y	1.03	41:30	1.121	1.115	1.127	40.4847
- PCB-140	*	* n	0.97	NotFnd	*	1.120	1.132	*
- PCB-134/143	*	* n	0.93	NotFnd	*	0.970	0.980	*

Name	Resp	RA	RRF	RT	RRT	LCL	UCL	Conc
PCB-131/133	*	* n	0.92	NotFnd	*	0.977	0.987	*
PCB-142	*	* n	0.86	NotFnd	*	0.980	0.990	*
PCB-146/165	*	* n	1.12	NotFnd	*	0.986	0.996	*
PCB-132/161	*	* n	1.13	NotFnd	*	0.992	1.002	*
PCB-153	5.63e+07	1.22 y	1.16	43:13	1.000	0.996	1.006	43.4154
PCB-168	*	* n	1.41	NotFnd	*	1.000	1.010	*
PCB-141	*	* n	1.24	NotFnd	*	0.996	1.006	*
PCB-137	*	* n	1.25	NotFnd	*	1.004	1.014	*
PCB-130	*	* n	1.07	NotFnd	*	1.006	1.016	*
PCB-138/163/164	5.05e+07	1.24 y	1.36	44:47	1.000	0.996	1.006	37.7787
PCB-158/160	*	* n	1.46	NotFnd	*	1.001	1.011	*
PCB-129	*	* n	1.01	NotFnd	*	1.007	1.017	*
PCB-166	*	* n	1.23	NotFnd	*	0.988	0.998	*
PCB-159	*	* n	1.31	NotFnd	*	0.995	1.005	*
PCB-128/162	6.05e+07	1.21 y	1.09	46:22	1.007	1.002	1.012	47.6550
PCB-167	6.65e+07	1.24 y	1.29	46:45	1.000	0.995	1.005	43.8477
PCB-156	6.03e+07	1.23 y	1.32	48:02	1.000	0.995	1.005	39.5511
PCB-157	6.73e+07	1.23 y	1.34	48:19	1.001	0.995	1.005	43.2090
PCB-169	6.23e+07	1.25 y	1.21	50:30	1.000	0.995	1.005	44.6796
PCB-188	5.70e+07	1.05 y	1.61	42:51	1.000	0.995	1.005	45.0922
PCB-184	*	* n	1.46	NotFnd	*	1.006	1.016	*
PCB-179	*	* n	1.49	NotFnd	*	1.024	1.034	*
PCB-176	*	* n	1.58	NotFnd	*	1.035	1.045	*
PCB-186	*	* n	1.54	NotFnd	*	1.049	1.059	*
PCB-178	3.92e+07	1.06 y	1.16	45:38	1.065	1.061	1.071	43.0396
PCB-175	*	* n	1.17	NotFnd	*	1.069	1.079	*
PCB-182/187	4.27e+07	1.06 y	1.25	46:08	1.077	1.073	1.083	43.2834
PCB-183	*	* n	1.32	NotFnd	*	1.080	1.090	*
PCB-185	*	* n	1.67	NotFnd	*	0.951	0.961	*
PCB-174	3.79e+07	1.07 y	1.53	47:29	0.963	0.958	0.968	45.8313
PCB-181	*	* n	1.59	NotFnd	*	0.960	0.970	*
PCB-177	*	* n	1.48	NotFnd	*	0.964	0.974	*
PCB-171	*	* n	1.71	NotFnd	*	0.969	0.979	*
PCB-173	*	* n	1.40	NotFnd	*	0.978	0.988	*
PCB-172	*	* n	1.61	NotFnd	*	0.987	0.997	*
PCB-192	*	* n	2.08	NotFnd	*	0.991	1.001	*
PCB-180	4.46e+07	1.07 y	1.67	49:20	1.000	0.995	1.005	49.3993

Integrations by Analyst: MJ

Date: 10/30/17

Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA
Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol: 1.0000 EndCAL: NA

	Name	Resp	RA		RRF	RT	RRT	LCL UCL	Conc
	PCB-193	*	*	n	2.18	NotFnd	*	0.999-1.009	*
	PCB-191	*	*	n	2.22	NotFnd	*	1.005-1.015	*
	PCB-170	3.70e+07	1.06	y	1.83	50:55	1.000	0.995-1.005	42.2183
	PCB-190	*	*	n	2.48	NotFnd	*	0.999-1.009	*
	PCB-189	4.81e+07	1.05	y	1.82	52:32	1.000	0.995-1.005	41.6357
	PCB-202	3.86e+07	0.88	y	1.15	48:15	1.000	0.995-1.005	48.2359
	PCB-201	*	*	n	1.25	NotFnd	*	1.005-1.015	*
	PCB-204	*	*	n	1.21	NotFnd	*	1.009-1.019	*
	PCB-197	*	*	n	1.34	NotFnd	*	1.015-1.025	*
	PCB-200	3.62e+07	0.88	y	1.22	50:06	1.038	1.034-1.044	42.7913
	PCB-198	*	*	n	0.90	NotFnd	*	1.064-1.074	*
	PCB-199	*	*	n	0.85	NotFnd	*	1.067-1.077	*
-	PCB-196/203	2.89e+07	0.90	y	0.96	51:58	1.077	1.072-1.082	43.3603
-	PCB-195	3.56e+07	0.89	y	1.12	53:12	0.984	0.979-0.989	46.1686
	PCB-194	3.76e+07	0.90	y	1.26	54:06	1.000	0.995-1.005	43.4045
	PCB-205	4.63e+07	0.92	y	1.59	54:22	1.005	1.000-1.010	42.4076
	PCB-208	4.21e+07	1.37	y	1.09	53:21	1.000	0.995-1.005	40.7913
	PCB-207	*	*	n	1.10	NotFnd	*	1.001-1.011	*
	PCB-206	2.93e+07	1.32	y	0.94	55:40	1.000	0.995-1.005	45.0080
	PCB-209	3.59e+07	1.19	y	1.44	56:59	1.000	0.995-1.005	39.2933

Name	Resp	RA		RT	RRF	Conc	
Total Mono-PCB	4.79e+08	3.02	y	16:03	1.11	192.397	
Total Di-PCB	1.25e+09	1.56	y	20:04	1.19	628.502	
Total Tri-PCB	1.38e+08	1.06	y	24:12	1.27	90.5718	
Total Tri-PCB	5.15e+08	1.06	y	28:59	1.23	248.585	Sum:339.157
Total Tetra-PCB	9.40e+08	0.78	y	27:57	1.17	530.368	
Total Penta-PCB	4.57e+08	1.60	y	32:39	1.37	382.493	
Total Penta-PCB	1.75e+08	1.57	y	42:11	1.31	126.135	Sum:508.628
Total Hexa-PCB	7.40e+07	1.27	y	37:03	1.10	83.1229	
Total Hexa-PCB	4.24e+08	1.22	y	43:13	1.17	300.148	Sum:383.271
Total Hepta-PCB	3.06e+08	1.05	y	42:51	1.55	310.500	
Total Octa-PCB	1.04e+08	0.88	y	48:15	1.09	134.388	
Total Octa-PCB	1.21e+08	0.89	y	53:12	1.33	133.983	Sum:268.371
Total Nona-PCB	7.13e+07	1.37	y	53:21	1.05	85.7992	
Total Deca-PCB	3.59e+07	1.19	y	56:59	1.44	39.2933	

Total PCB Conc:3283.96804700

Integrations by Analyst: M

Date: 10/30/17

Client ID: PCB SSS 17C1025 Filename: 171027E1 S:8 Acq:27-OCT-17 18:03:11 ConCal: NA

Lab ID: SS171027E1-1 GC Column ID: ZB-1 ICal: PCBVG8-10-27-17 wt/vol:1.0000 EndCAL: NA

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-1	2.11e+08	3.20 y	1.24	16:02	0.619	0.616-0.622	92.5	92.5
13C-PCB-3	2.33e+08	3.23 y	1.25	18:40	0.721	0.717-0.725	101	101
13C-PCB-4	1.22e+08	1.60 y	0.66	20:01	0.772	0.768-0.776	99.9	99.9
13C-PCB-9	1.88e+08	1.56 y	0.98	21:49	0.842	0.838-0.846	103	103
13C-PCB-11	1.74e+08	1.57 y	0.95	25:12	0.973	0.968-0.978	98.5	98.5
13C-PCB-19	1.18e+08	1.06 y	0.64	24:11	0.933	0.928-0.938	100	100
13C-PCB-28	1.75e+08	1.05 y	0.98	29:04	1.004	0.999-1.009	115	115
13C-PCB-32	1.66e+08	1.09 y	0.90	27:07	1.046	1.041-1.051	99.6	99.6
13C-PCB-37	1.58e+08	1.06 y	0.95	32:56	1.137	1.131-1.144	106	106
13C-PCB-47	1.41e+08	0.80 y	0.85	31:59	0.871	0.867-0.875	108	108
13C-PCB-52	1.28e+08	0.80 y	0.77	31:29	0.857	0.853-0.861	107	107
13C-PCB-54	1.61e+08	0.80 y	0.99	27:56	0.760	0.757-0.765	106	106
13C-PCB-70	1.59e+08	0.80 y	1.00	35:30	0.966	0.961-0.971	103	103
13C-PCB-77	1.44e+08	0.81 y	0.96	39:36	1.078	1.073-1.083	97.6	97.6
13C-PCB-80	1.56e+08	0.82 y	1.00	35:56	0.978	0.973-0.983	101	101
13C-PCB-81	1.53e+08	0.80 y	1.00	39:01	1.062	1.057-1.067	99.1	99.1
13C-PCB-95	7.67e+07	1.57 y	0.81	35:48	0.913	0.908-0.918	104	104
13C-PCB-97	6.39e+07	1.60 y	0.70	38:47	0.989	0.984-0.994	101	101
13C-PCB-101	7.54e+07	1.60 y	0.80	37:29	0.956	0.951-0.961	104	104
13C-PCB-104	1.02e+08	1.60 y	1.03	32:38	0.832	0.828-0.836	109	109
13C-PCB-105	1.01e+08	1.60 y	1.16	43:02	0.929	0.924-0.934	103	103
13C-PCB-114	1.01e+08	1.58 y	1.17	42:11	0.910	0.905-0.915	102	102
13C-PCB-118	8.84e+07	1.59 y	0.99	41:31	1.059	1.054-1.064	98.1	98.1
13C-PCB-123	8.50e+07	1.60 y	0.95	41:21	1.054	1.049-1.059	98.4	98.4
13C-PCB-126	9.89e+07	1.60 y	1.16	45:16	0.977	0.972-0.982	101	101
13C-PCB-127	1.07e+08	1.59 y	1.25	43:22	0.936	0.931-0.941	101	101
13C-PCB-138	9.80e+07	1.27 y	1.15	44:47	0.967	0.961-0.971	101	101
13C-PCB-141	9.39e+07	1.26 y	1.08	43:56	0.948	0.943-0.953	103	103
13C-PCB-153	1.12e+08	1.27 y	1.28	43:12	0.933	0.928-0.938	103	103
13C-PCB-155	7.24e+07	1.30 y	0.75	37:02	0.944	0.939-0.949	107	107
13C-PCB-156	1.16e+08	1.26 y	1.37	48:01	1.037	1.032-1.042	99.4	99.4
13C-PCB-157	1.17e+08	1.27 y	1.38	48:17	1.042	1.038-1.048	99.8	99.8
13C-PCB-159	1.16e+08	1.26 y	1.38	46:03	0.994	0.989-0.999	99.3	99.3
13C-PCB-167	1.17e+08	1.29 y	1.39	46:44	1.009	1.004-1.014	99.6	99.6
13C-PCB-169	1.15e+08	1.28 y	1.38	50:30	1.090	1.085-1.095	98.5	98.5
13C-PCB-170	4.79e+07	0.47 y	0.84	50:55	1.103	1.097-1.109	101	101
13C-PCB-180	5.41e+07	0.46 y	0.96	49:19	1.068	1.063-1.073	99.6	99.6
13C-PCB-188	7.86e+07	0.47 y	1.39	42:50	0.928	0.923-0.933	100	100
13C-PCB-189	6.36e+07	0.47 y	1.12	52:31	1.138	1.132-1.144	101	101
13C-PCB-194	6.85e+07	0.92 y	0.76	54:05	0.995	0.990-1.000	99.9	99.9
13C-PCB-202	6.94e+07	0.90 y	1.21	48:15	1.045	1.040-1.050	102	102
13C-PCB-206	6.92e+07	0.79 y	0.78	55:39	1.024	1.019-1.029	98.4	98.4
13C-PCB-208	9.46e+07	0.79 y	1.08	53:20	0.981	0.976-0.986	97.6	97.6
13C-PCB-209	6.34e+07	1.22 y	0.73	56:58	1.048	1.043-1.053	96.2	96.2

CRS vs. RS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	1.59e+08	0.78 y	1.02	37:48	1.029	1.024-1.034	101	101
13C-PCB-178	5.26e+07	0.46 y	0.90	45:37	0.985	0.980-0.990	103	103

PS vs. IS

Name	Resp	RA	RRF	RT	RRT	LCL UCL	Conc	Rec
13C-PCB-79	1.59e+08	0.78 y	1.01	37:48	0.969	0.963-0.973	102	102
13C-PCB-178	5.26e+07	0.46 y	0.94	45:37	0.925	0.920-0.930	103	103

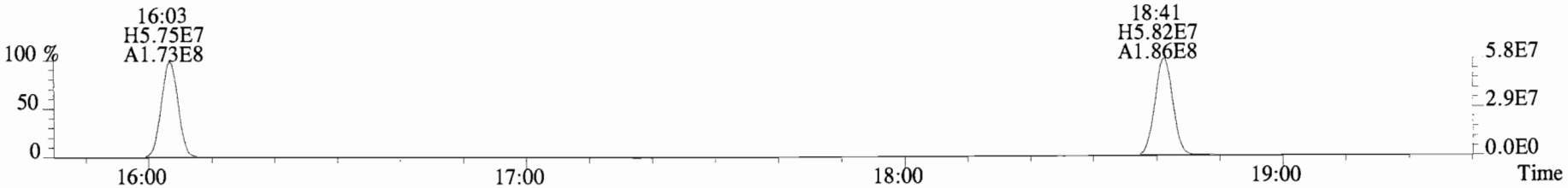
RS

Name	Resp	RA	RRF	RT	Conc
13C-PCB-15	1.85e+08	1.57 y	1.00	25:54	100
13C-PCB-31	1.56e+08	1.05 y	1.00	28:57	100
13C-PCB-60	1.54e+08	0.80 y	1.00	36:44	100
13C-PCB-111	9.06e+07	1.62 y	1.00	39:13	100
13C-PCB-128	8.48e+07	1.27 y	1.00	46:19	100
13C-PCB-182	5.65e+07	0.46 y	1.00	46:09	100
13C-PCB-205	9.01e+07	0.91 y	1.00	54:21	100

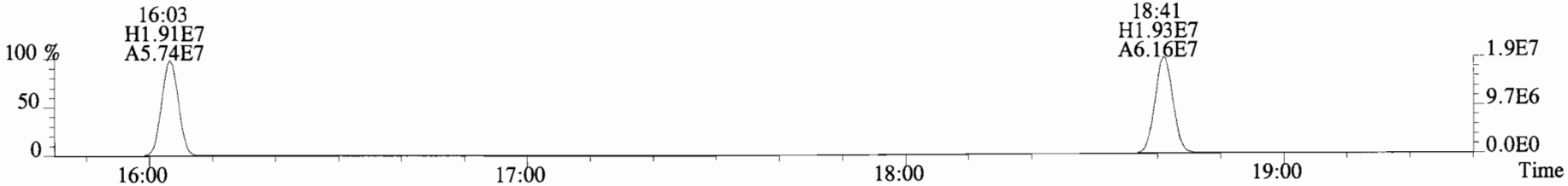
Analyst: MJ

Date: 10/30/17

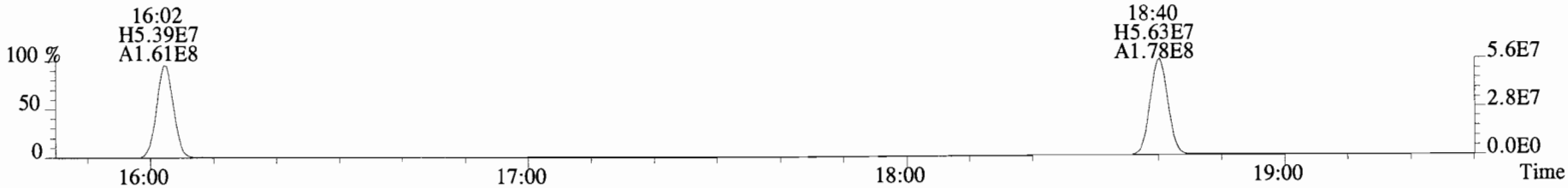
File:171027E1 #1-866 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
188.0393 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12644.0,0.00%,F,F)



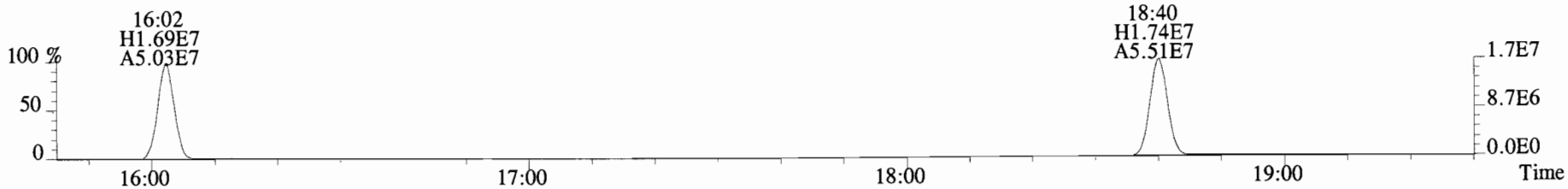
190.0363 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9104.0,0.00%,F,F)



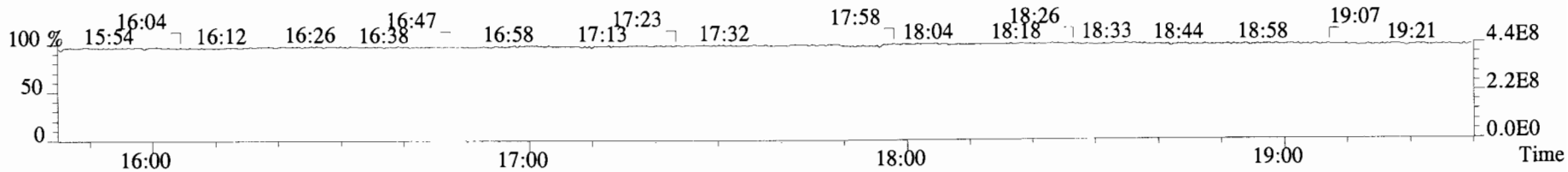
200.0795 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,9104.0,0.00%,F,F)



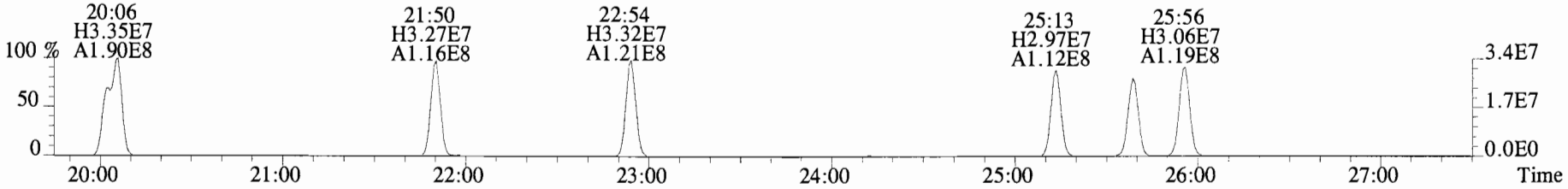
202.0766 S:8 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,22044.0,0.00%,F,F)



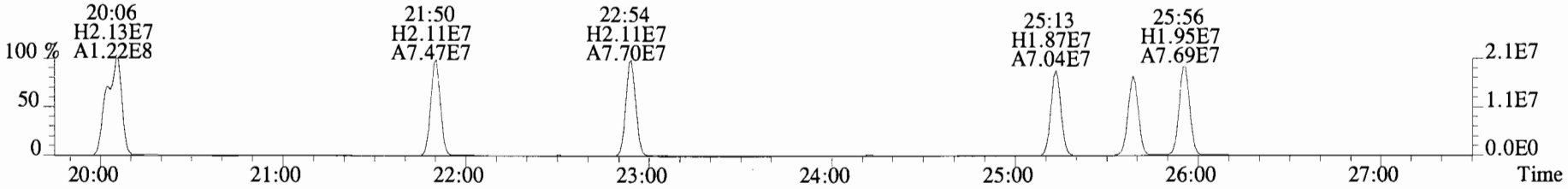
180.9880 S:8



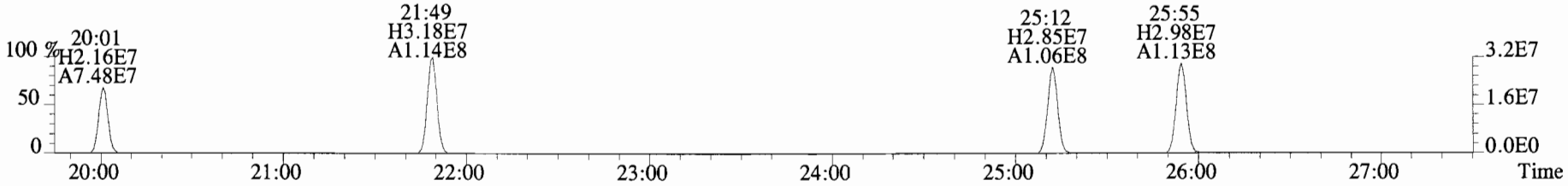
File:171027E1 #1-757 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
222.0003 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6392.0,0.00%,F,F)



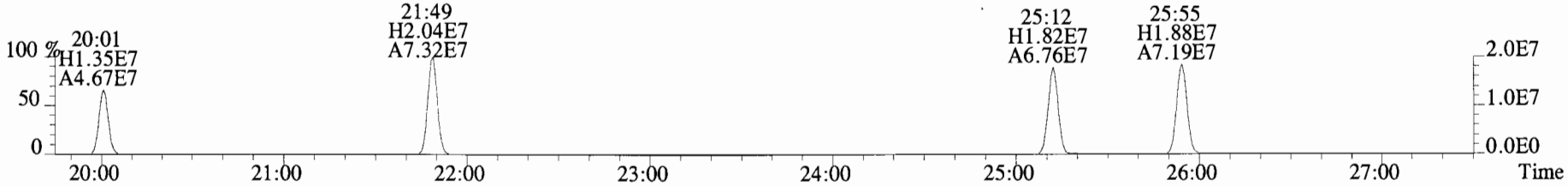
223.9974 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,33124.0,0.00%,F,F)



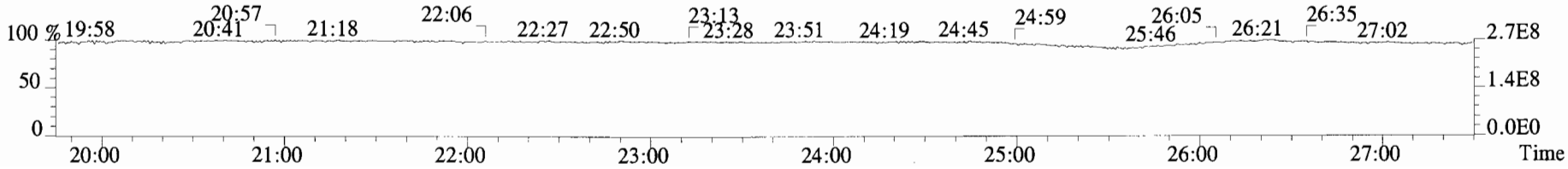
234.0406 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8160.0,0.00%,F,F)



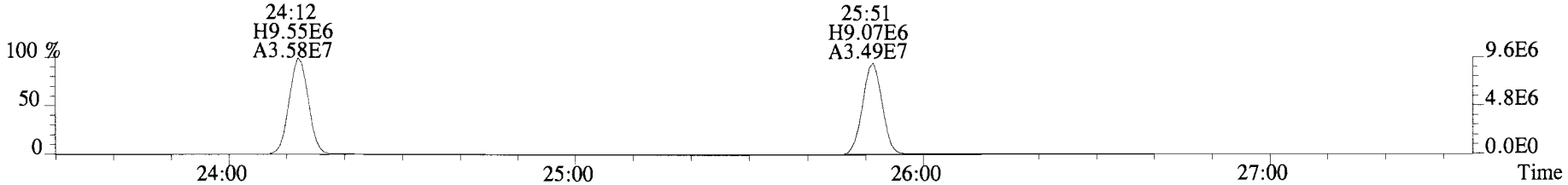
236.0376 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5668.0,0.00%,F,F)



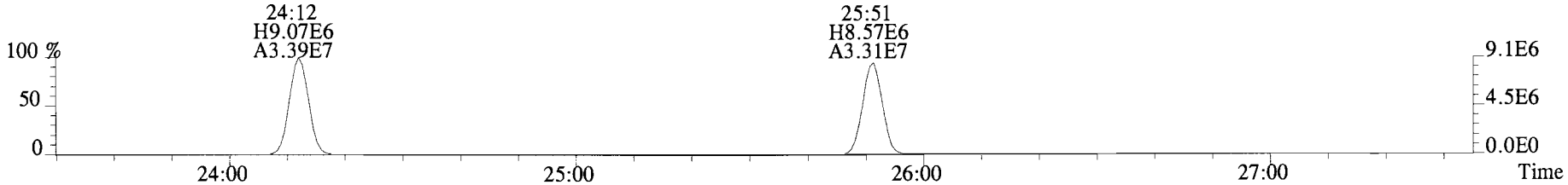
230.9856 S:8 F:2



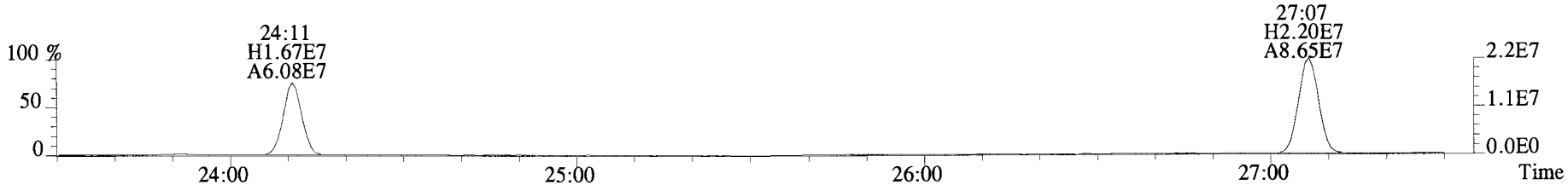
File:171027E1 #1-757 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5640.0,0.00%,F,F)



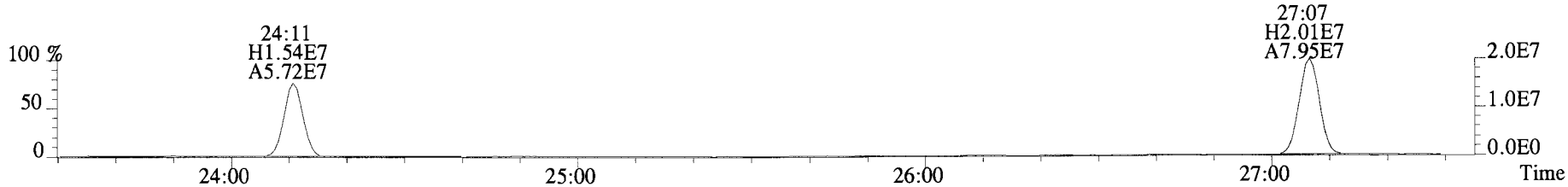
257.9584 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3696.0,0.00%,F,F)



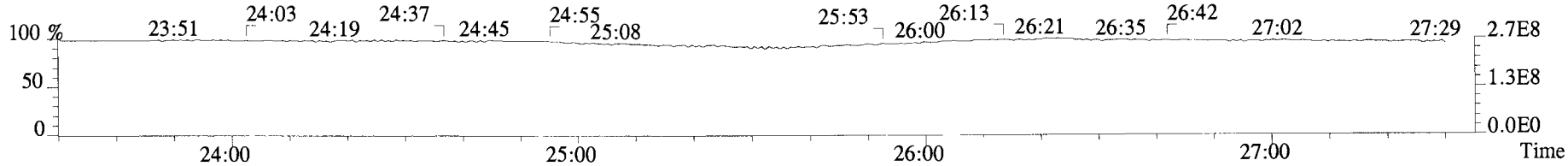
268.0016 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,176960.0,0.00%,F,F)



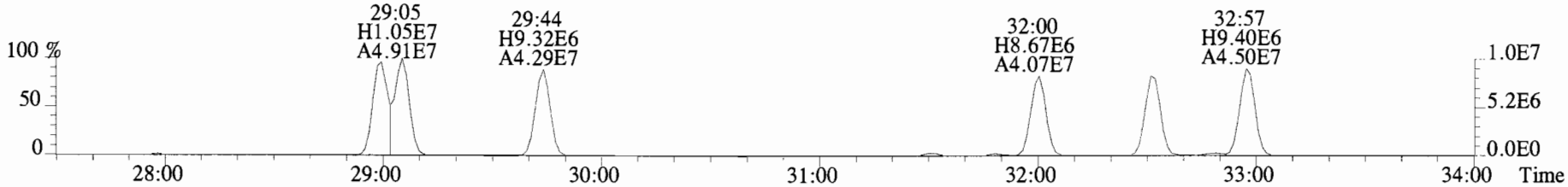
269.9986 S:8 F:2 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,157120.0,0.00%,F,F)



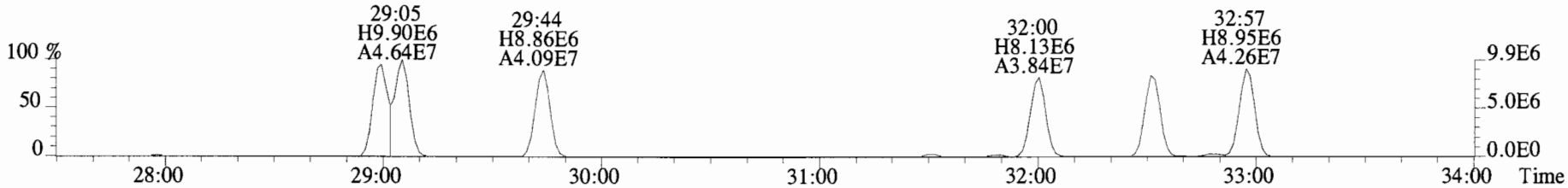
230.9856 S:8 F:2



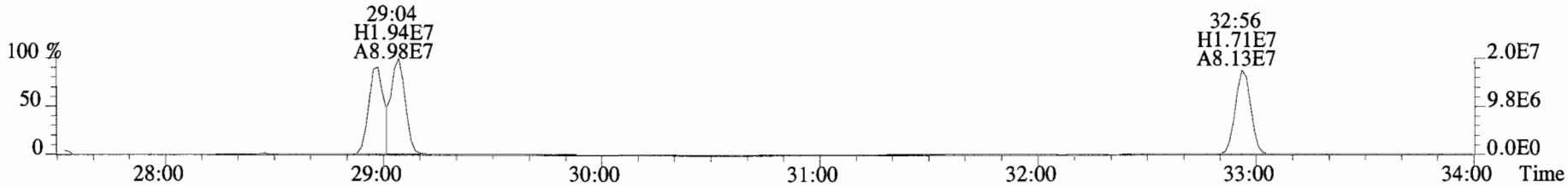
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
255.9613 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7064.0,0.00%,F,F)



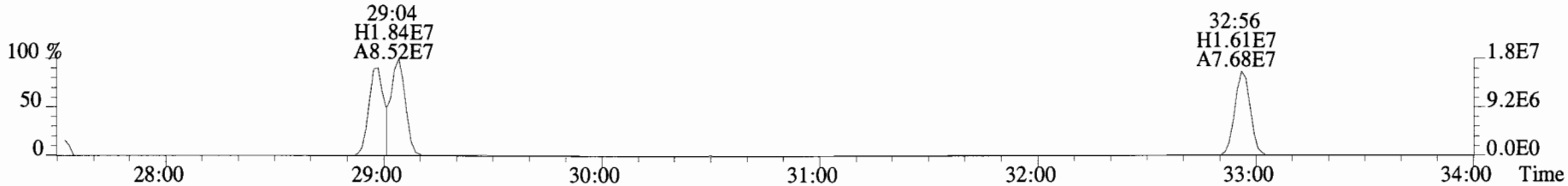
257.9584 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5428.0,0.00%,F,F)



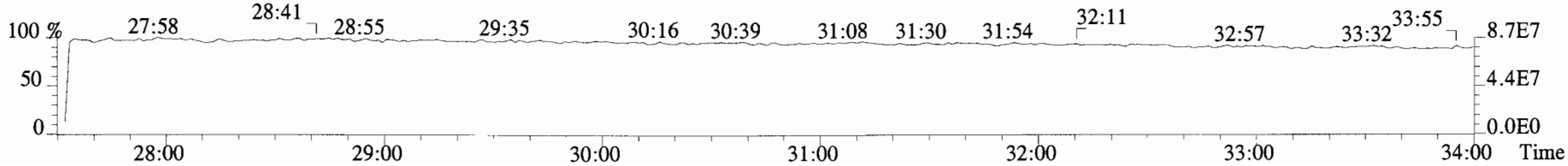
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124068.0,0.00%,F,F)



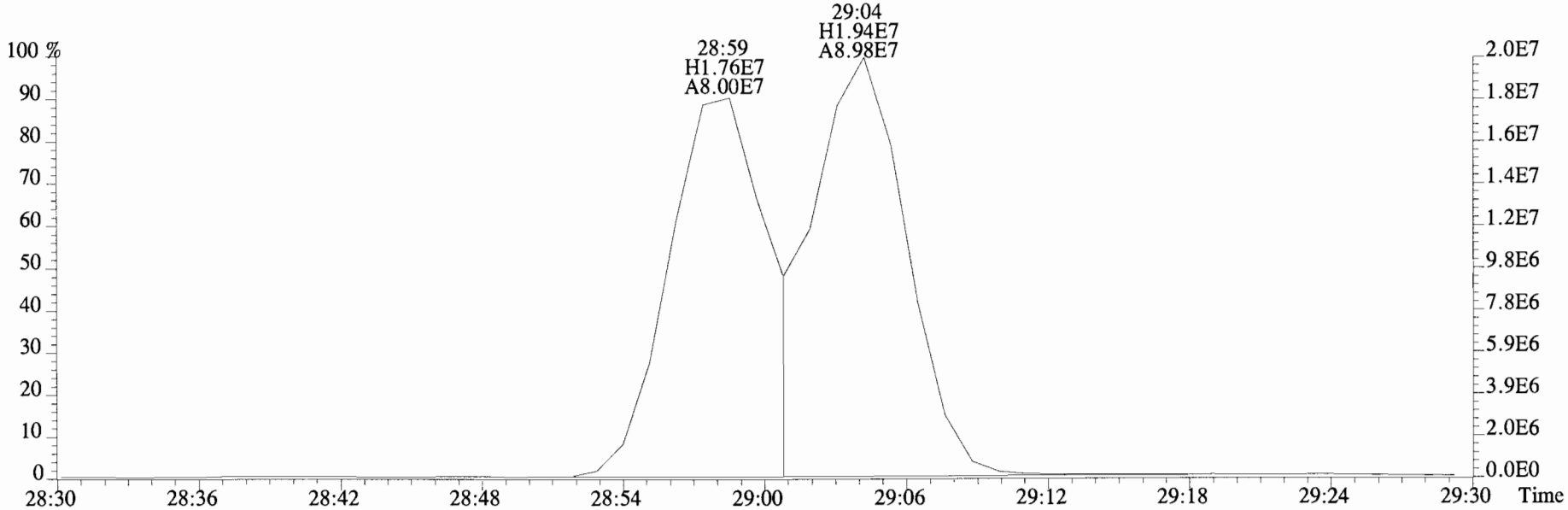
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48568.0,0.00%,F,F)



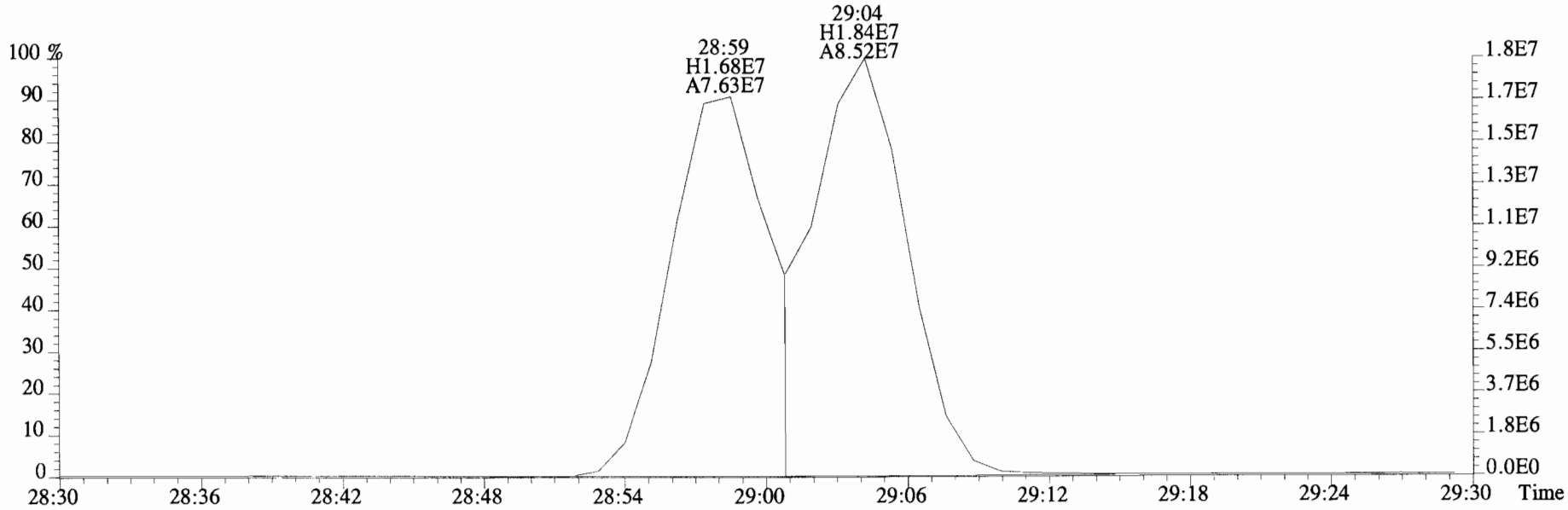
330.9792 S:8 F:3



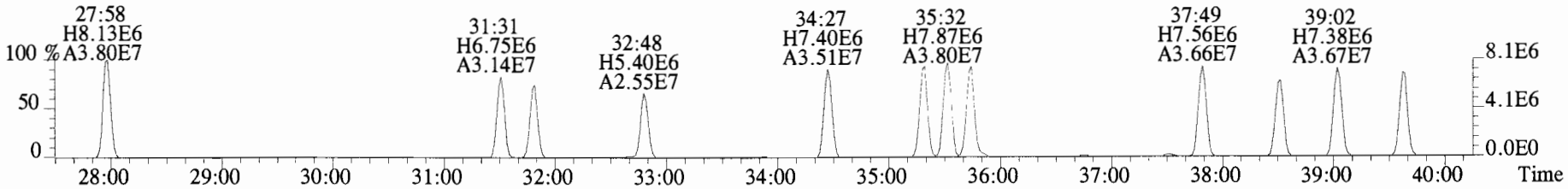
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
268.0016 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,124068.0,0.00%,F,F)



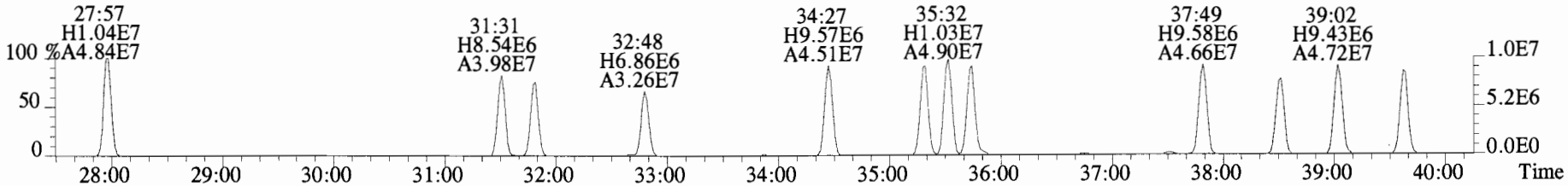
269.9986 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,48568.0,0.00%,F,F)



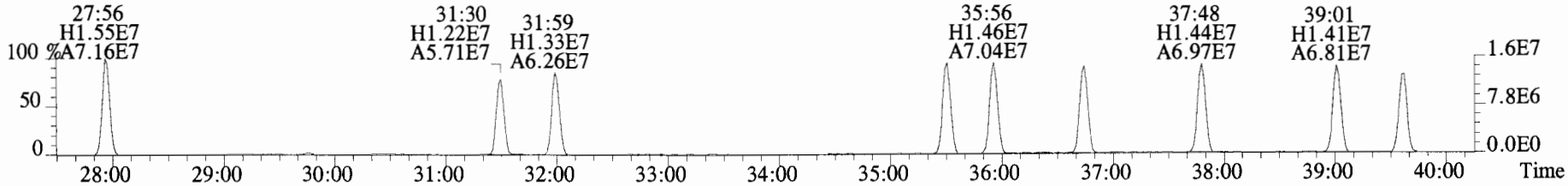
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



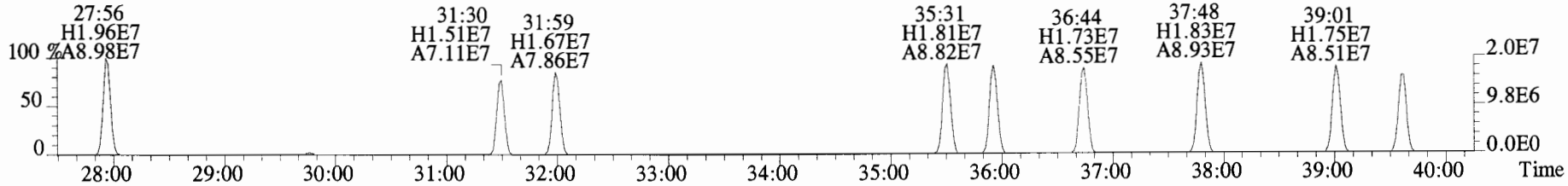
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



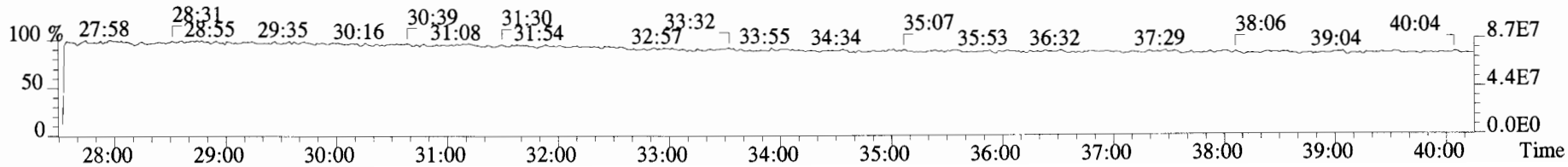
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



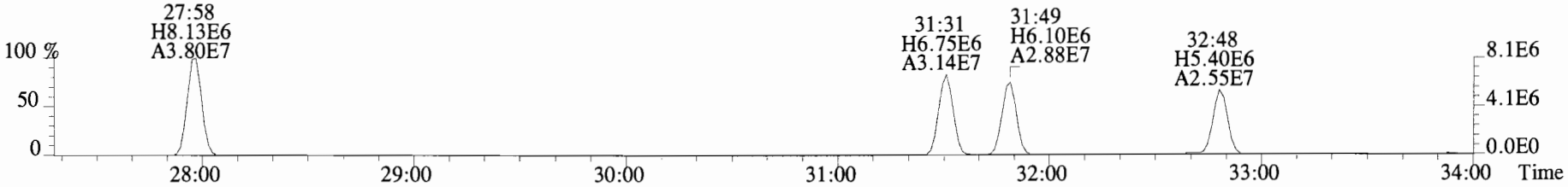
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



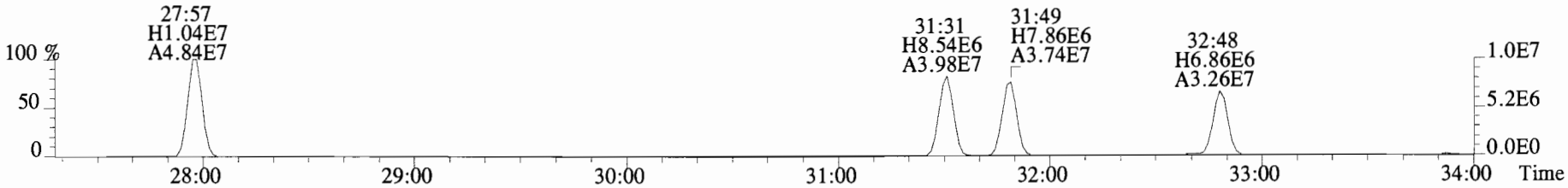
330.9792 S:8 F:3



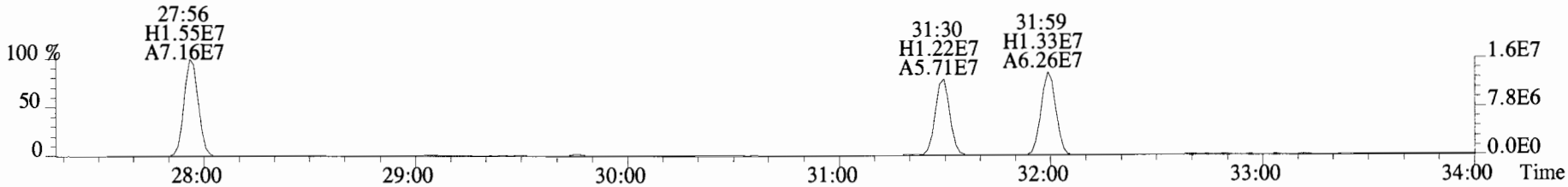
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



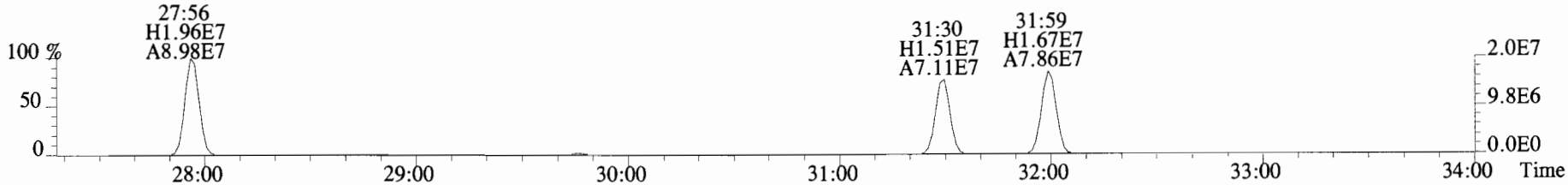
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



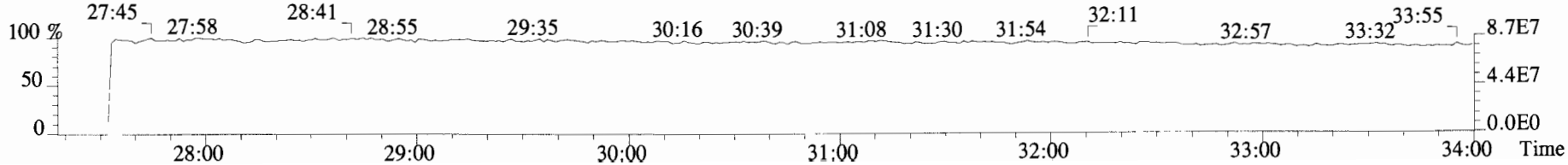
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



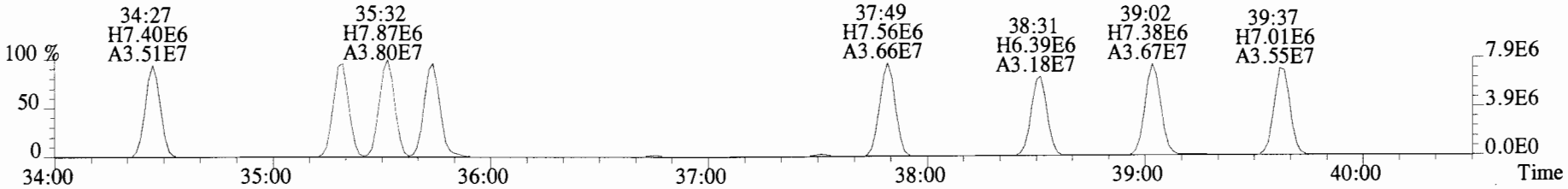
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



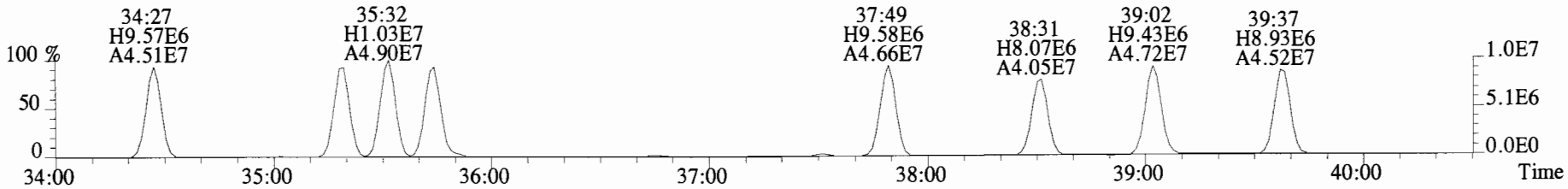
330.9792 S:8 F:3



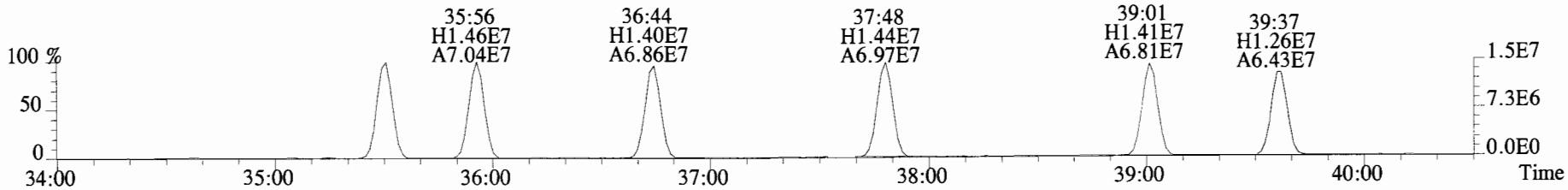
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



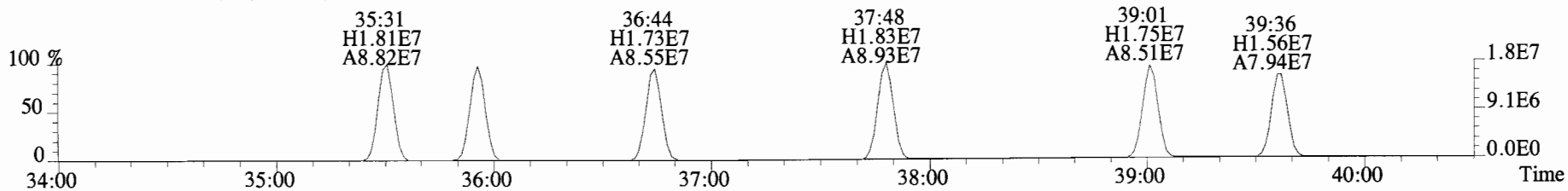
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



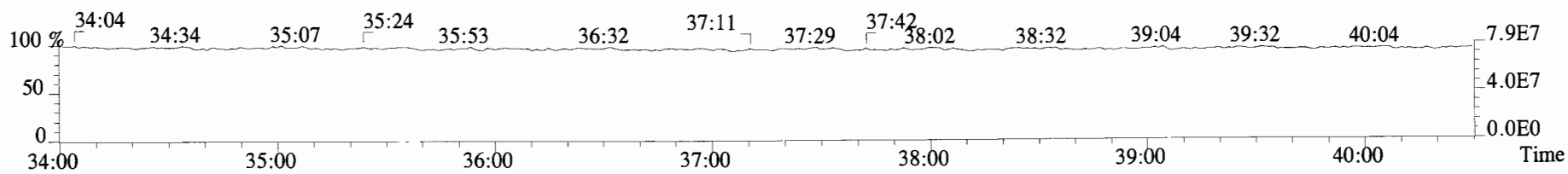
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



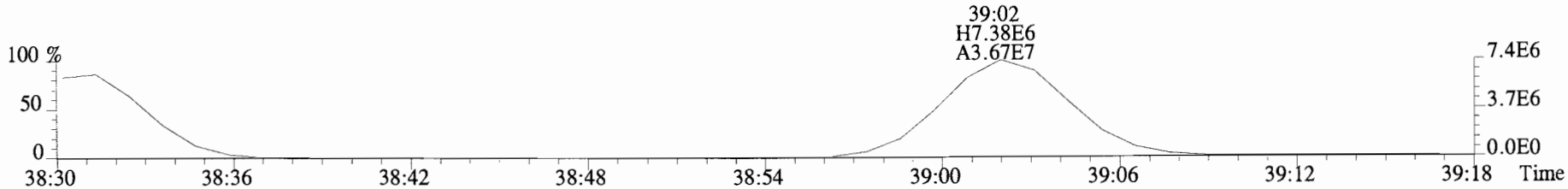
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



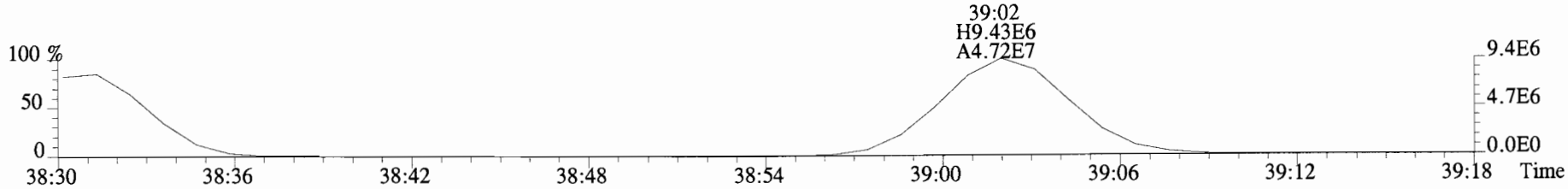
330.9792 S:8 F:3



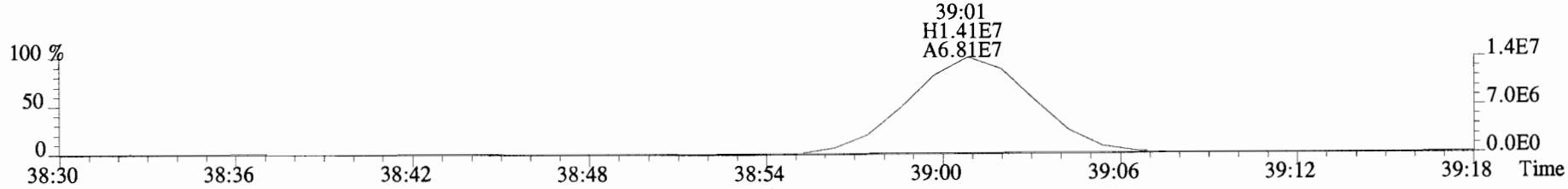
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
289.9224 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7256.0,0.00%,F,F)



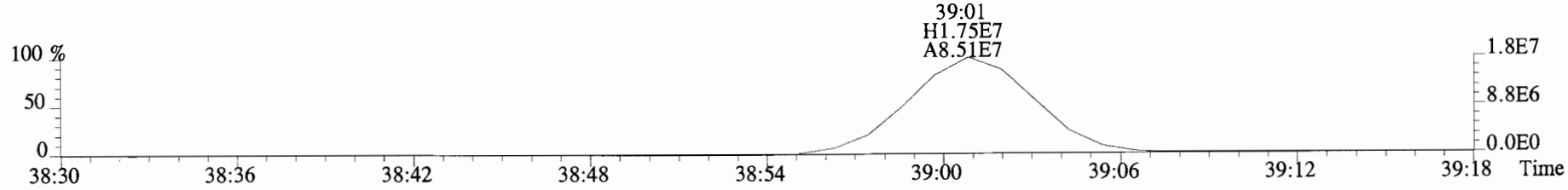
291.9194 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8508.0,0.00%,F,F)



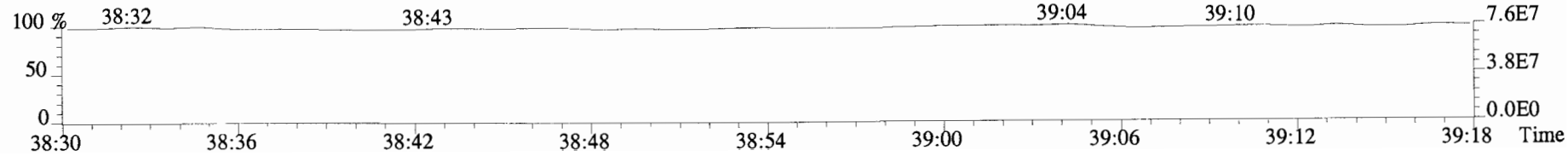
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



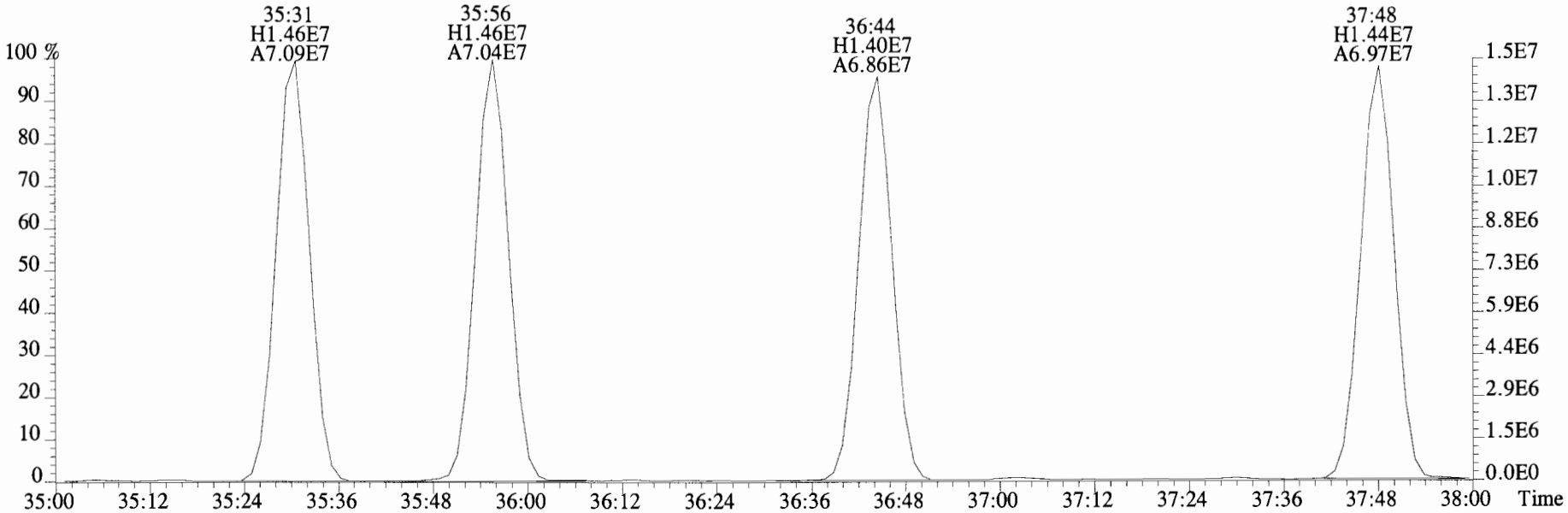
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



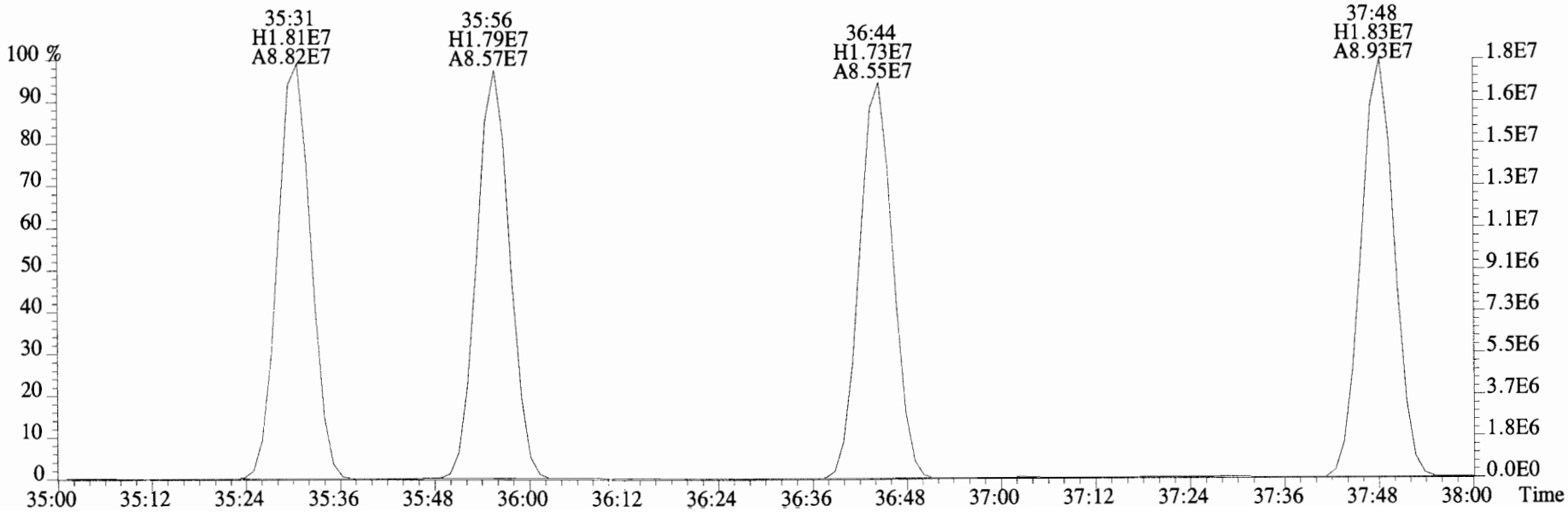
330.9792 S:8 F:3



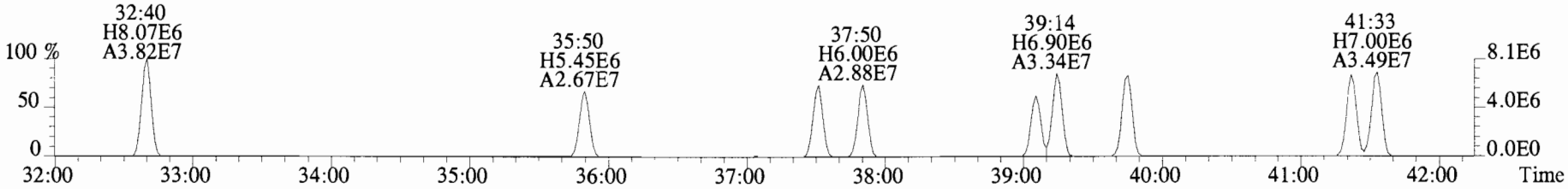
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
301.9626 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,53972.0,0.00%,F,F)



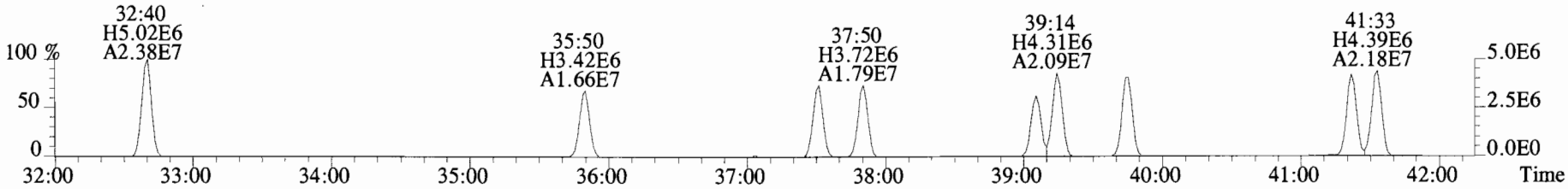
303.9597 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,25780.0,0.00%,F,F)



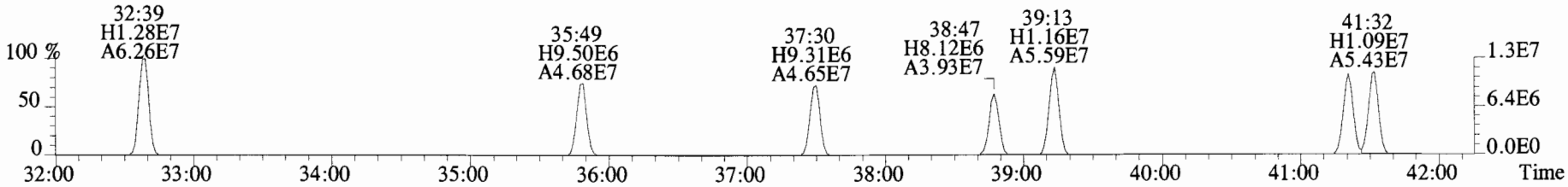
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4080.0,0.00%,F,F)



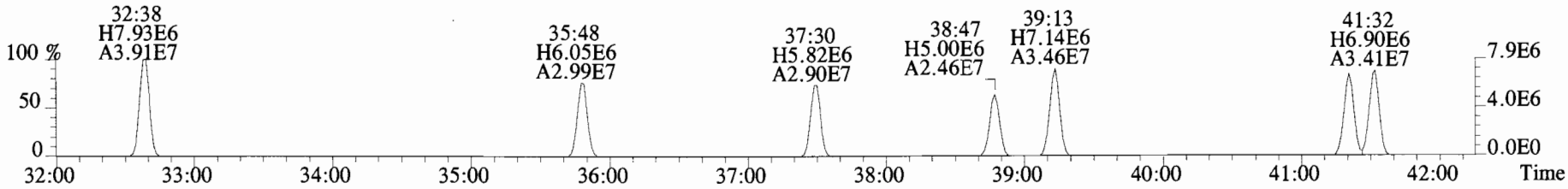
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



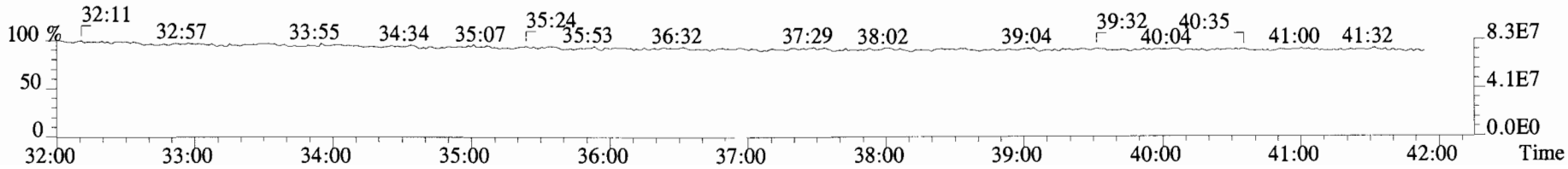
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



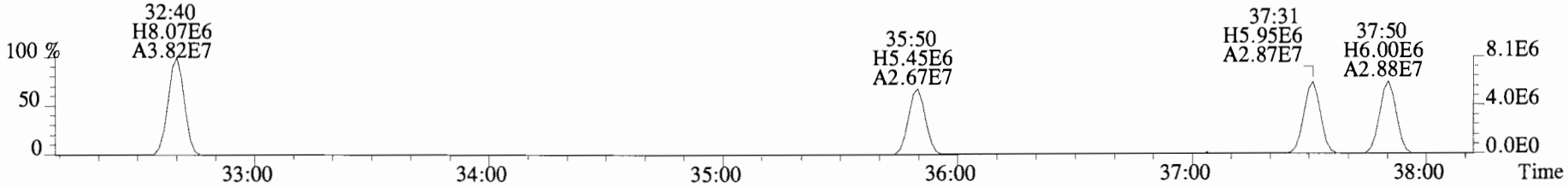
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



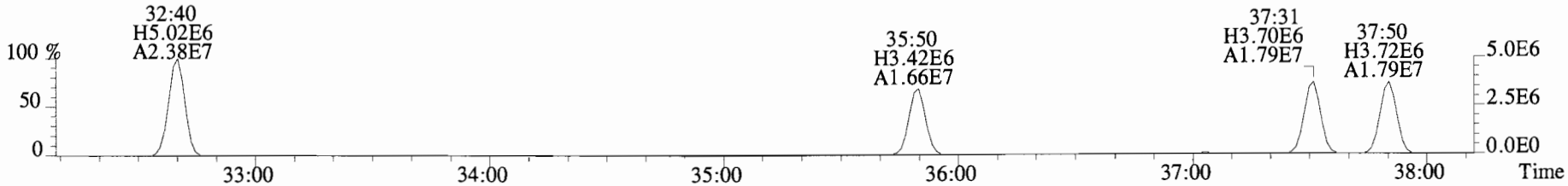
330.9792 S:8 F:3



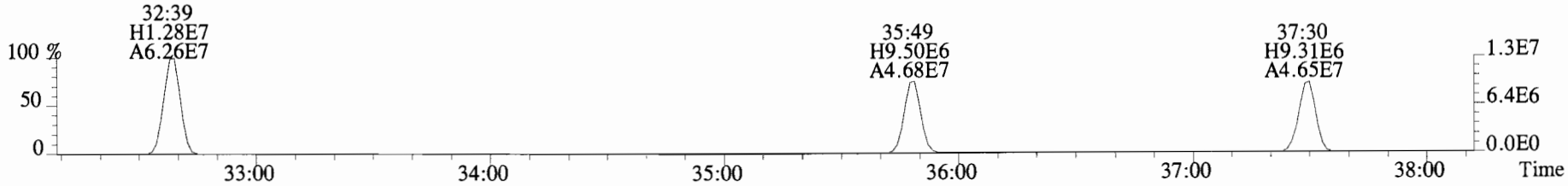
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4080.0,0.00%,F,F)



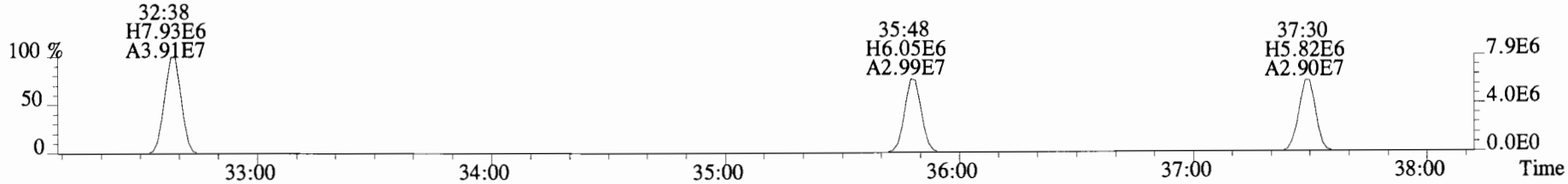
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



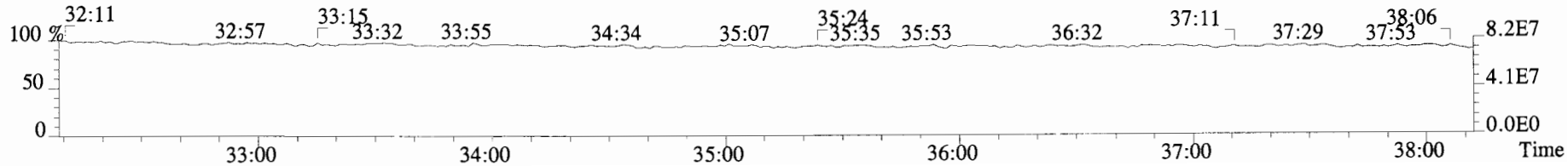
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



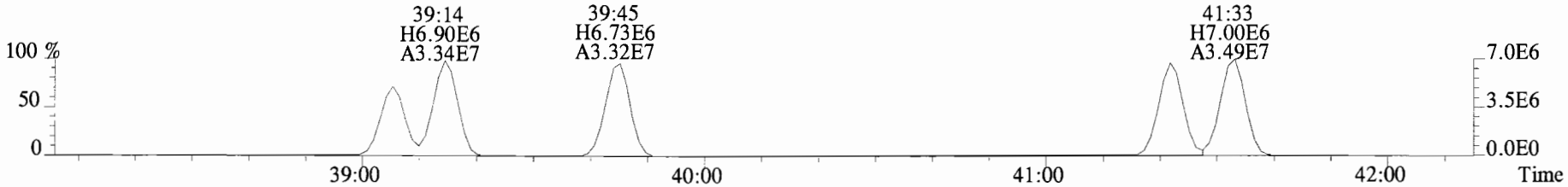
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



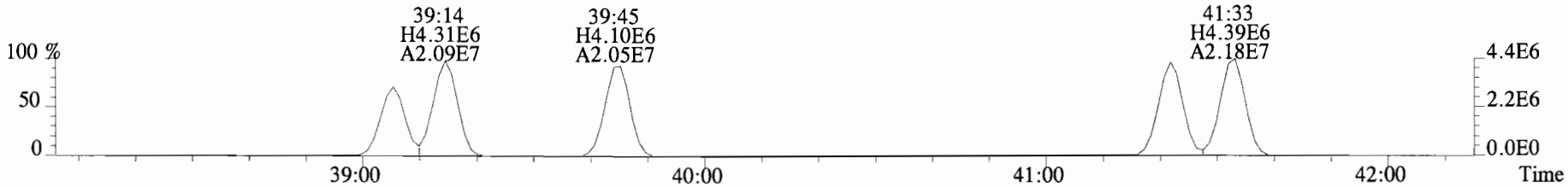
330.9792 S:8 F:3



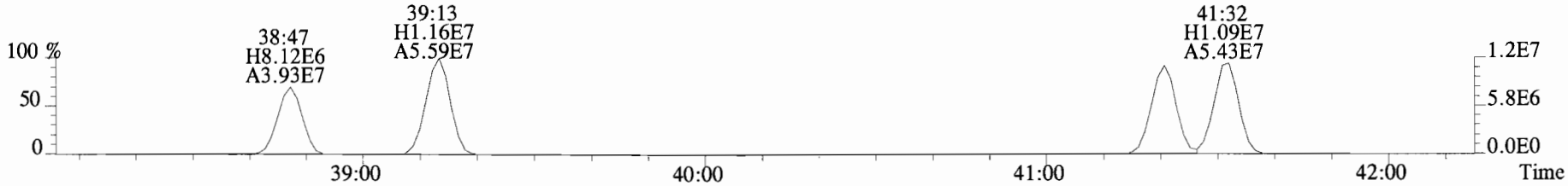
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4080.0,0.00%,F,F)



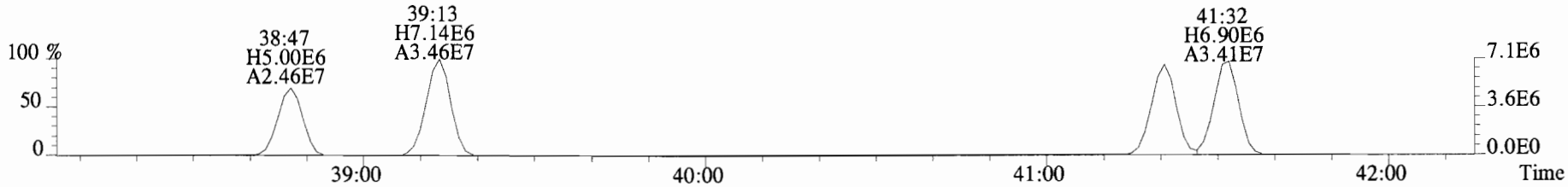
327.8775 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2684.0,0.00%,F,F)



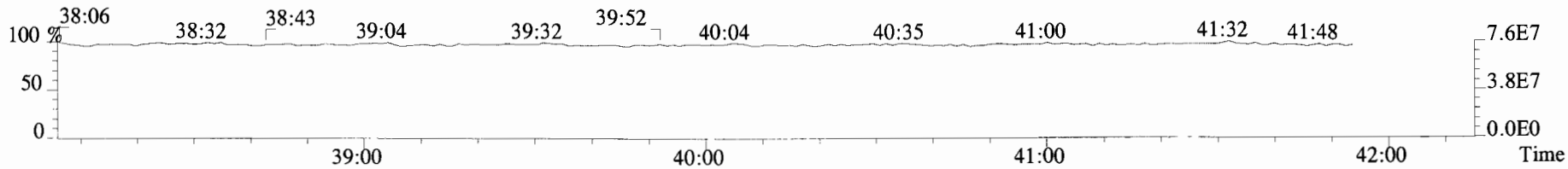
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



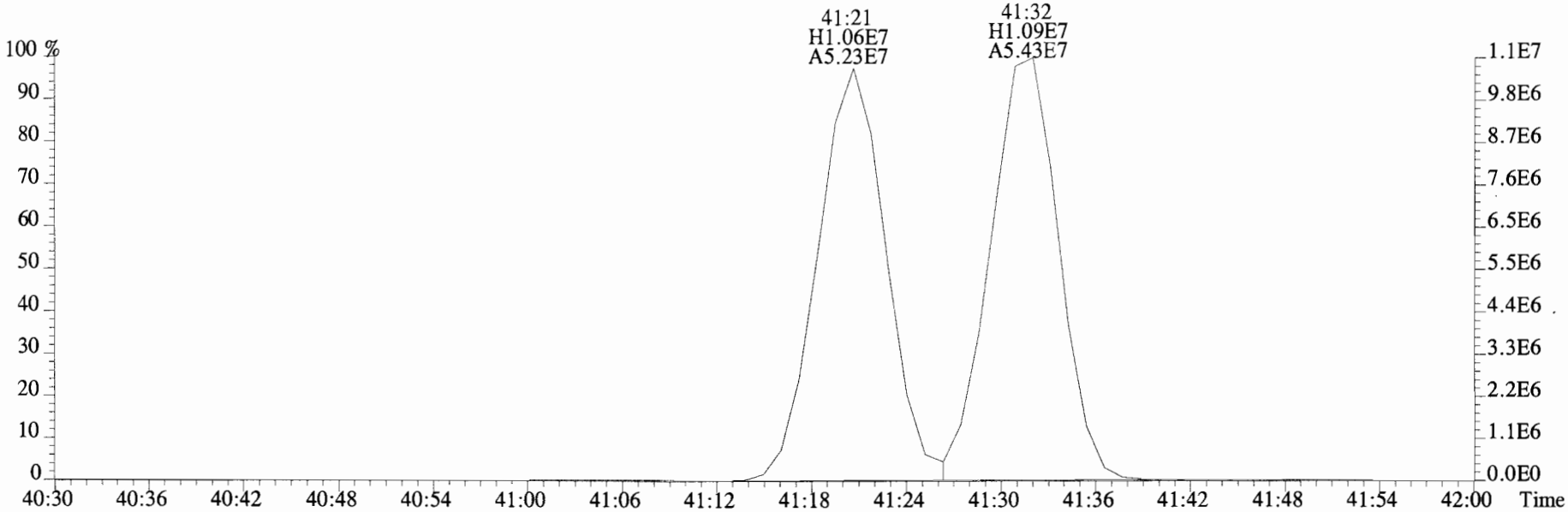
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



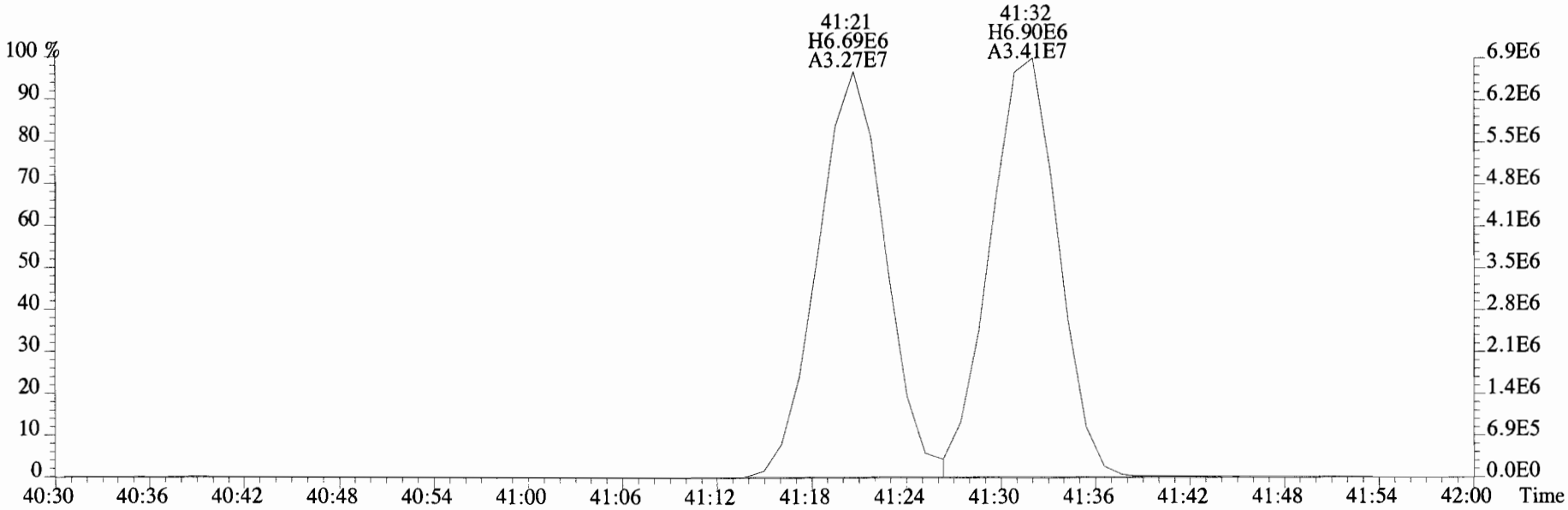
330.9792 S:8 F:3



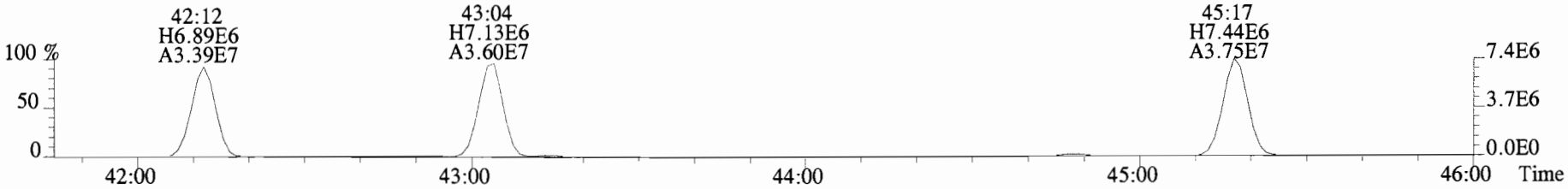
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
337.9207 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4692.0,0.00%,F,F)



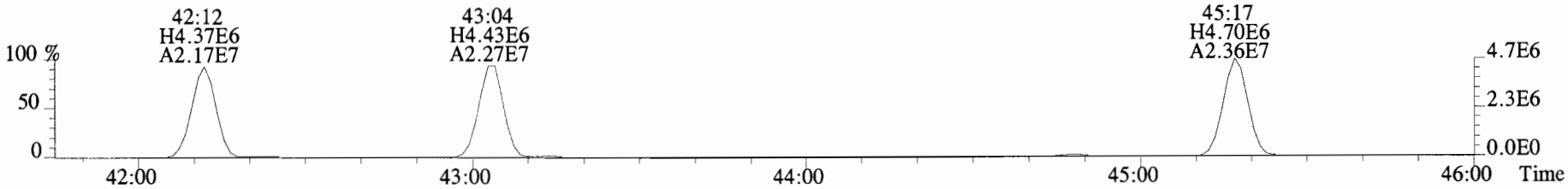
339.9177 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3936.0,0.00%,F,F)



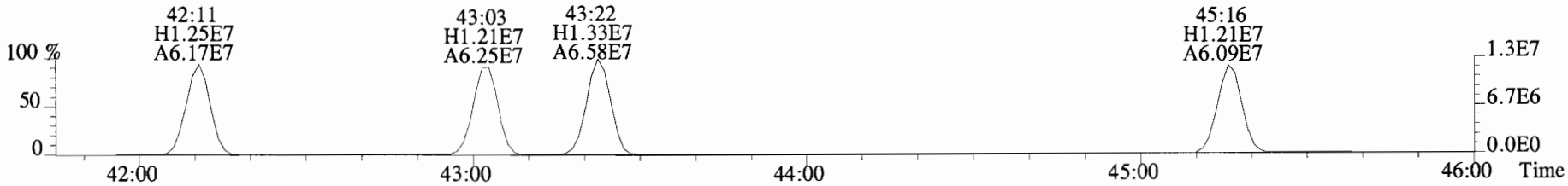
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
325.8804 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3768.0,0.00%,F,F)



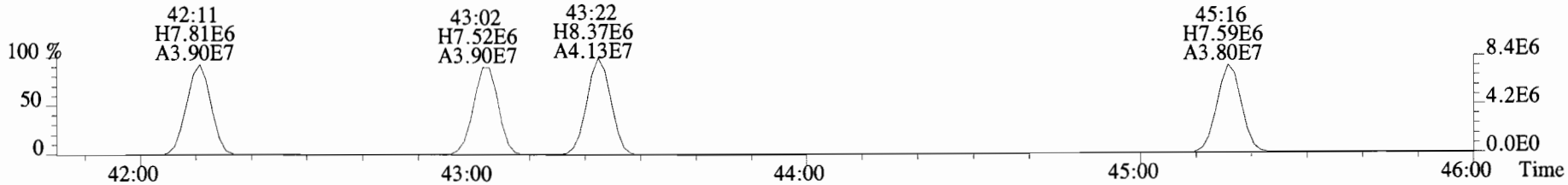
327.8775 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,3988.0,0.00%,F,F)



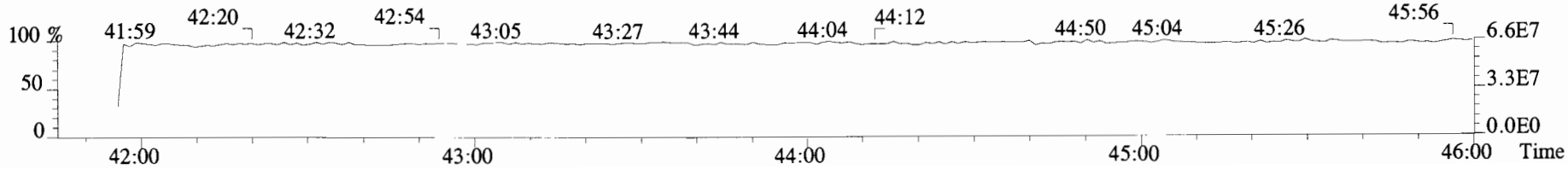
337.9207 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8444.0,0.00%,F,F)



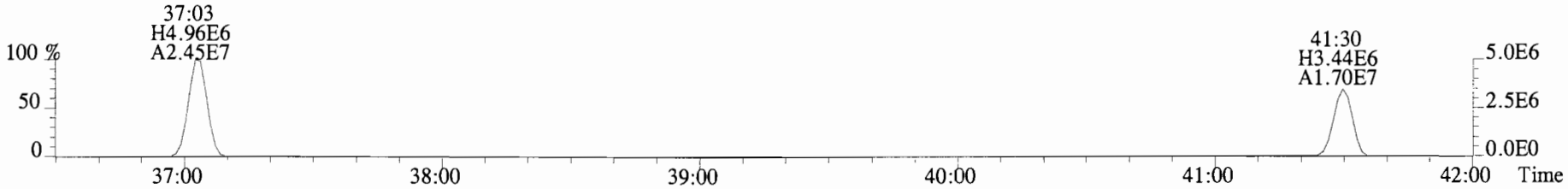
339.9177 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5268.0,0.00%,F,F)



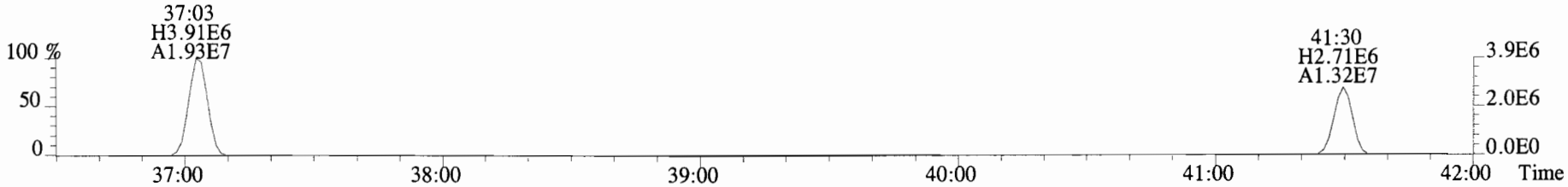
380.9760 S:8 F:4



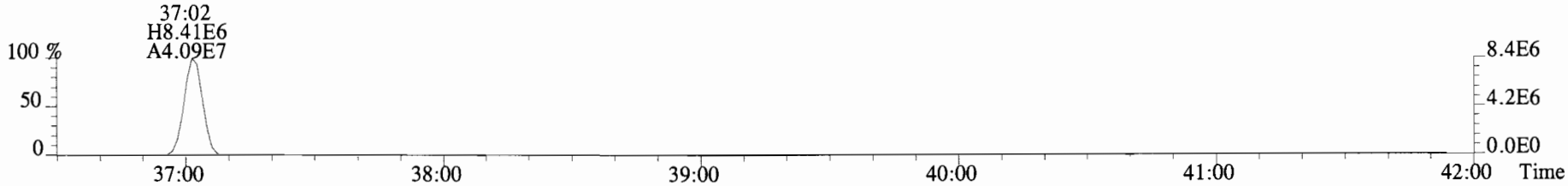
File:171027E1 #1-759 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2764.0,0.00%,F,F)



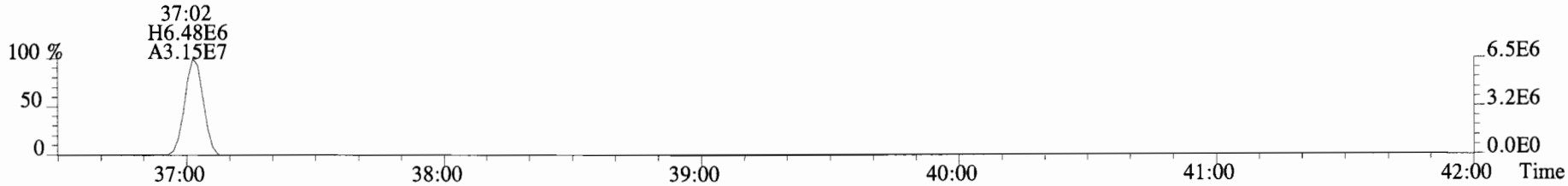
361.8385 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2708.0,0.00%,F,F)



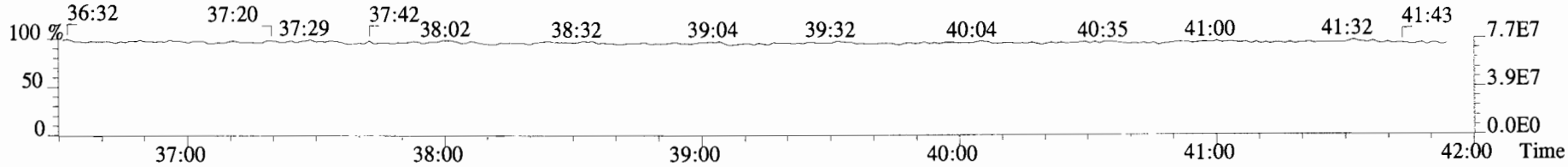
371.8817 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2564.0,0.00%,F,F)



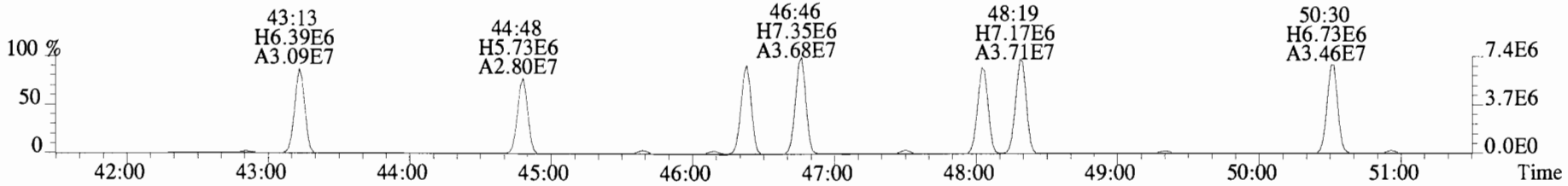
373.8788 S:8 F:3 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2560.0,0.00%,F,F)



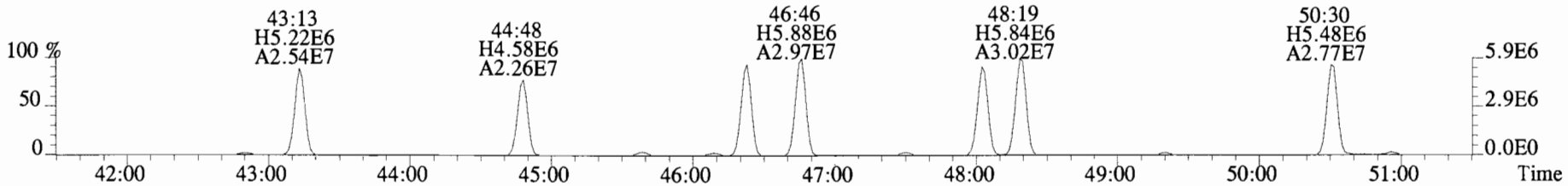
330.9792 S:8 F:3



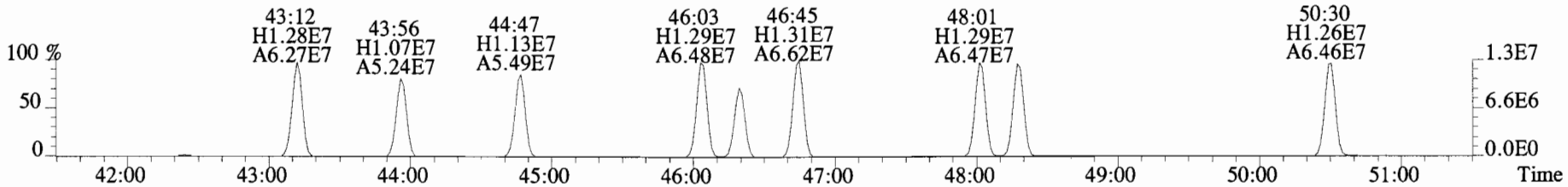
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
359.8415 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,10492.0,0.00%,F,F)



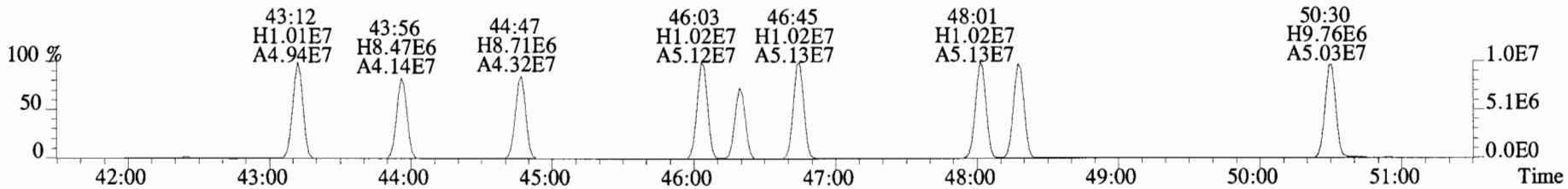
361.8385 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,8896.0,0.00%,F,F)



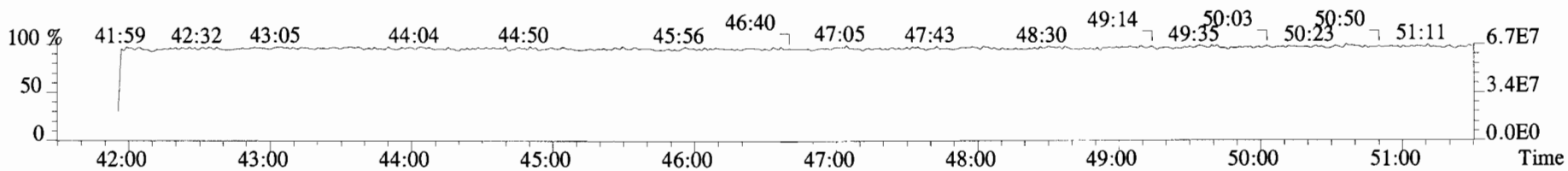
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18032.0,0.00%,F,F)



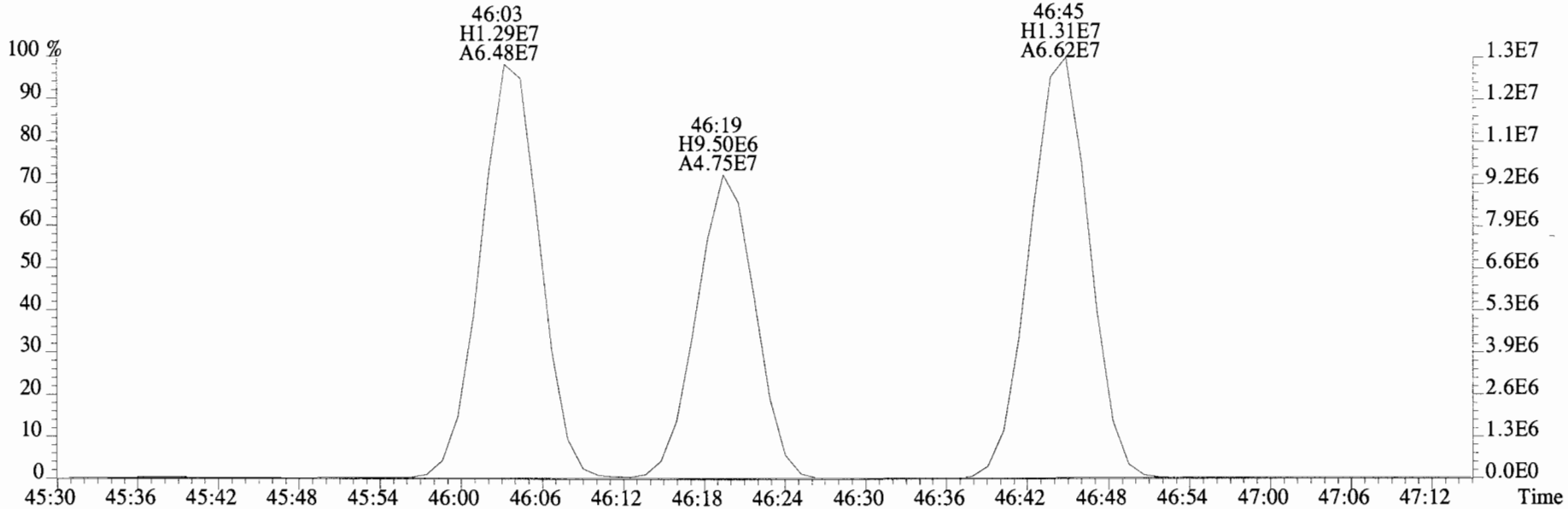
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12688.0,0.00%,F,F)



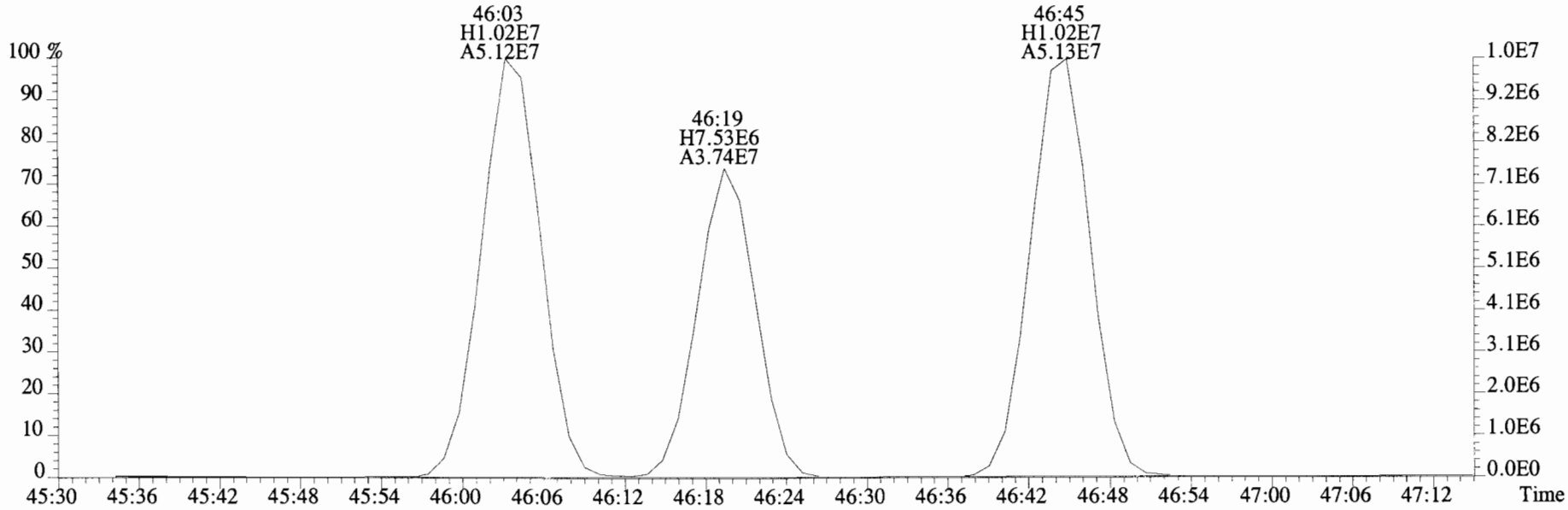
380.9760 S:8 F:4



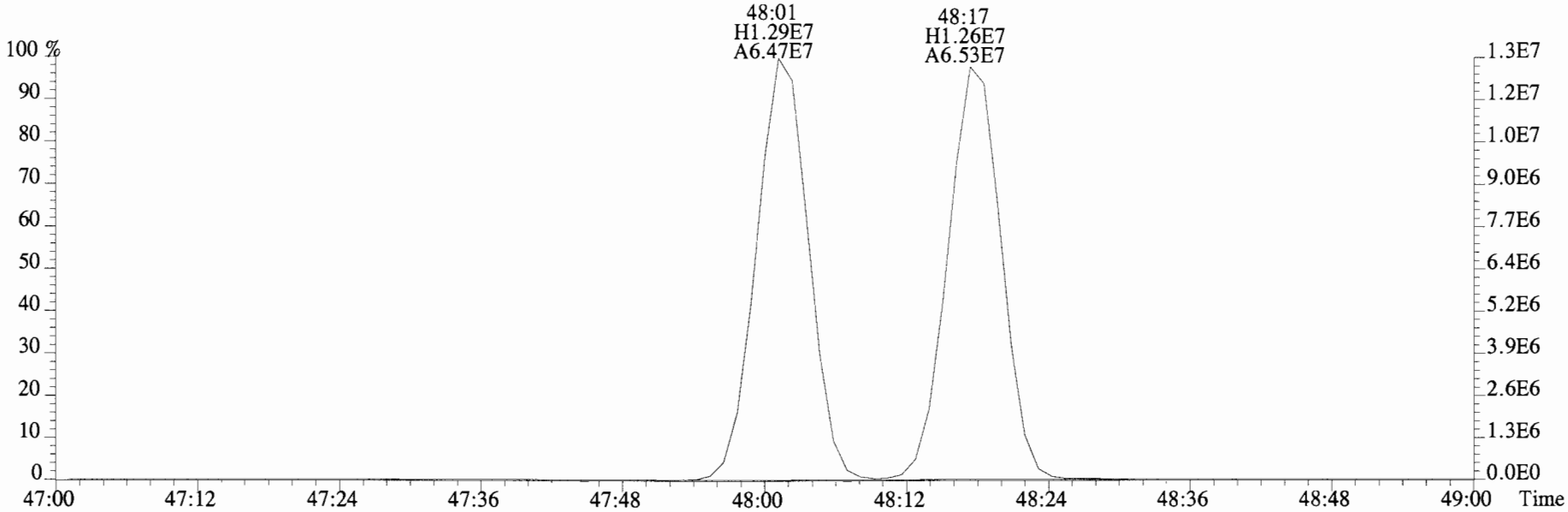
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18032.0,0.00%,F,F)



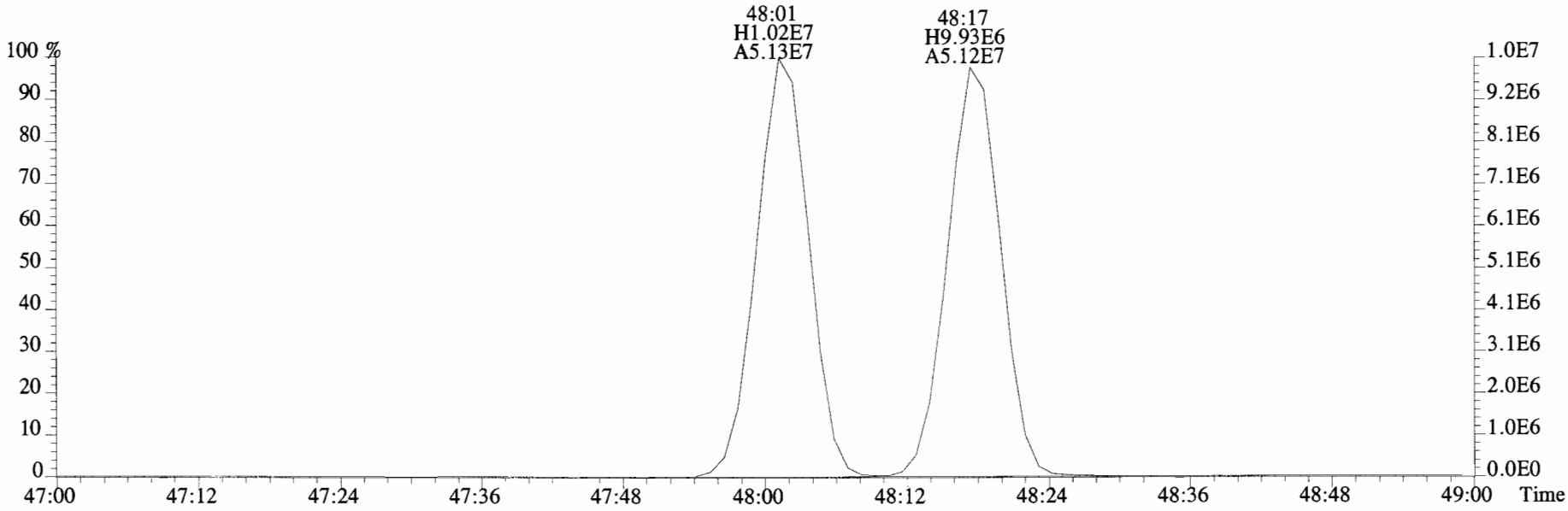
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12688.0,0.00%,F,F)



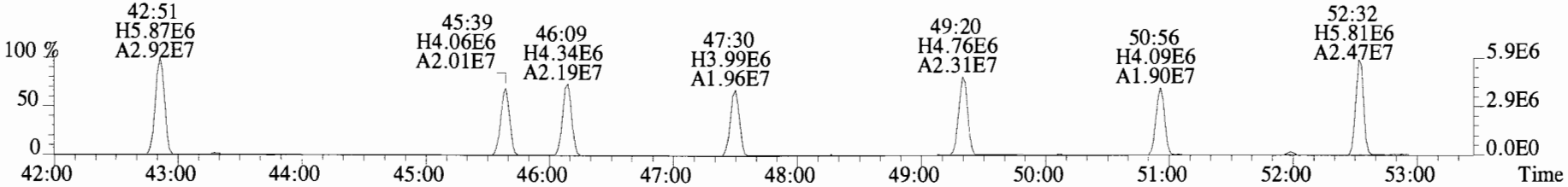
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
371.8817 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,18032.0,0.00%,F,F)



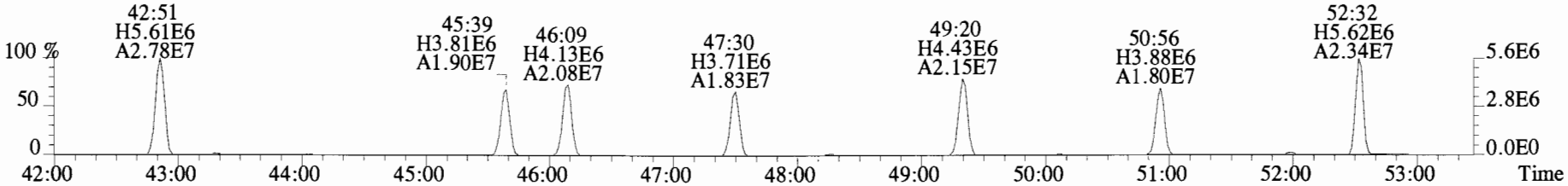
373.8788 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,12688.0,0.00%,F,F)



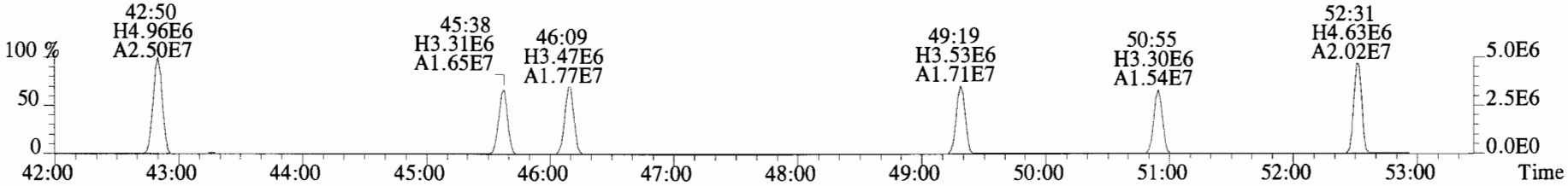
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
393.8025 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7940.0,0.00%,F,F)



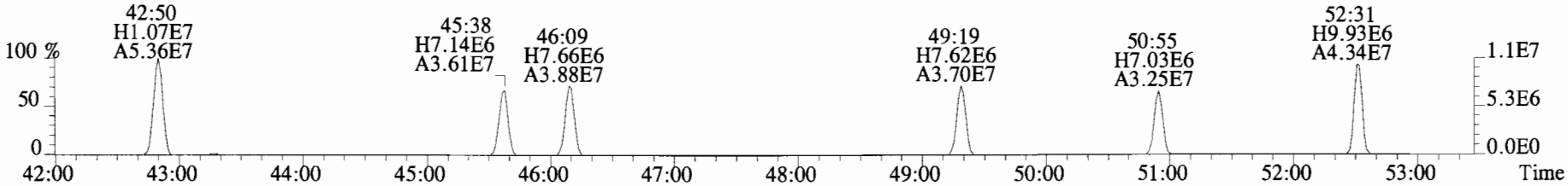
395.7995 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,7968.0,0.00%,F,F)



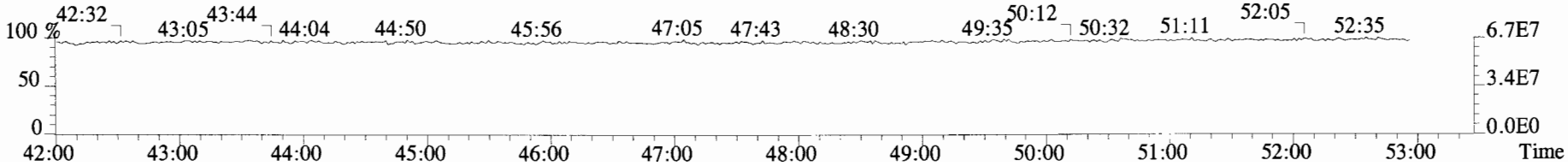
403.8457 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,5844.0,0.00%,F,F)



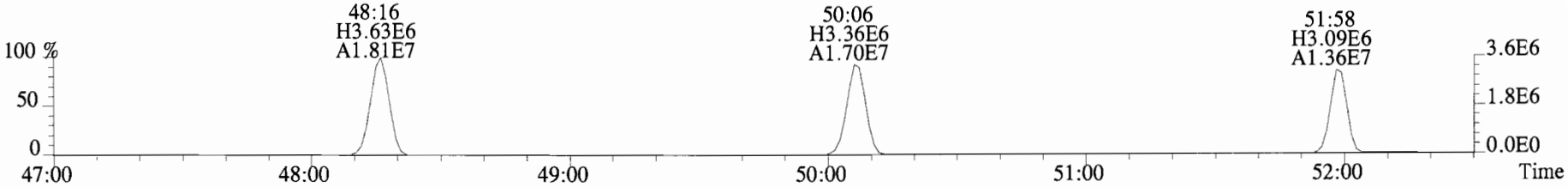
405.8428 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,11384.0,0.00%,F,F)



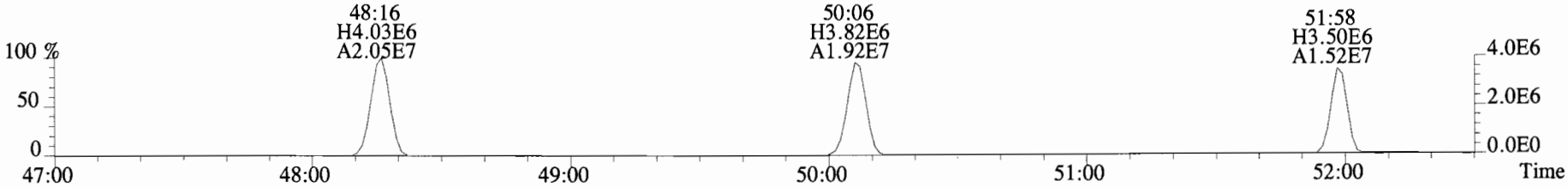
380.9760 S:8 F:4



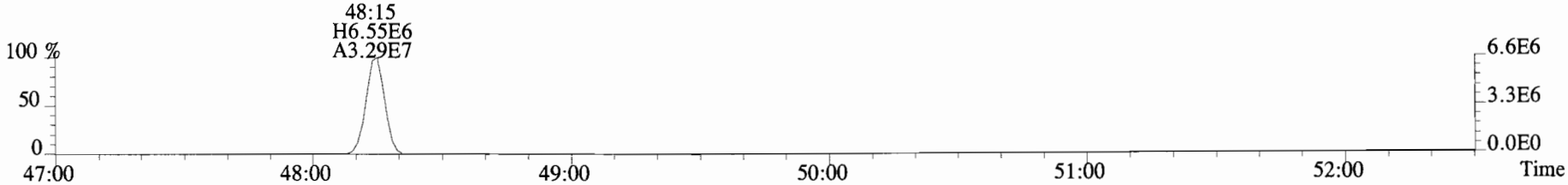
File:171027E1 #1-572 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2448.0,0.00%,F,F)



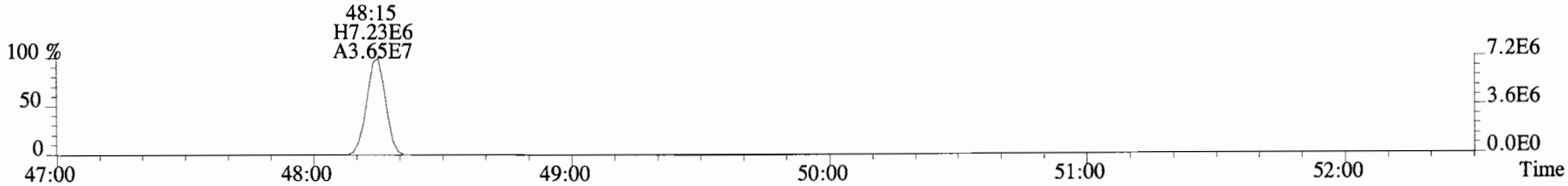
429.7606 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,2524.0,0.00%,F,F)



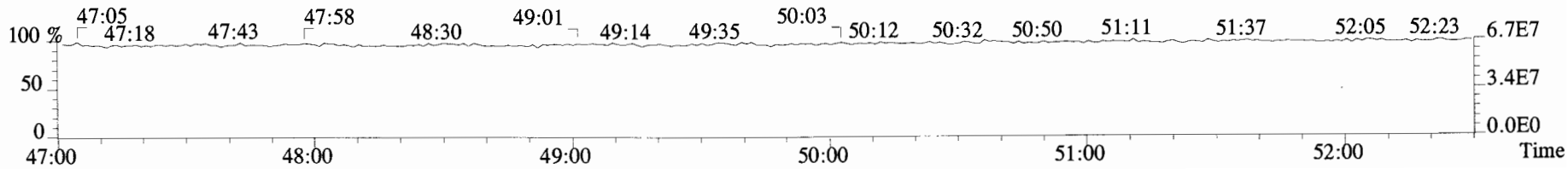
439.8038 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1592.0,0.00%,F,F)



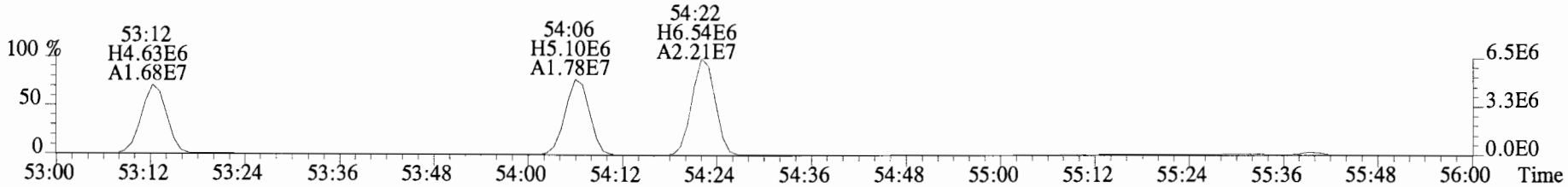
441.8008 S:8 F:4 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1668.0,0.00%,F,F)



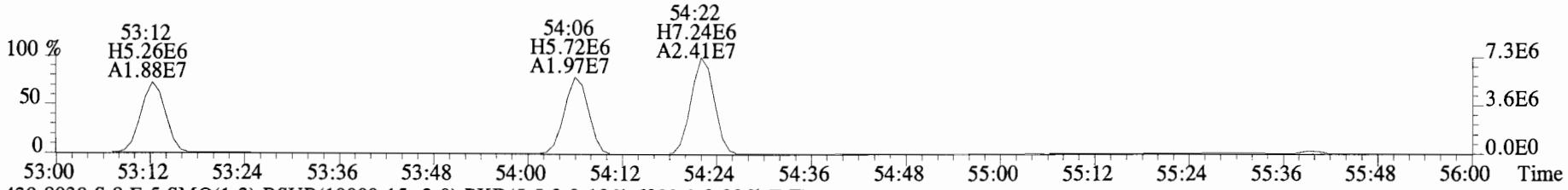
380.9760 S:8 F:4



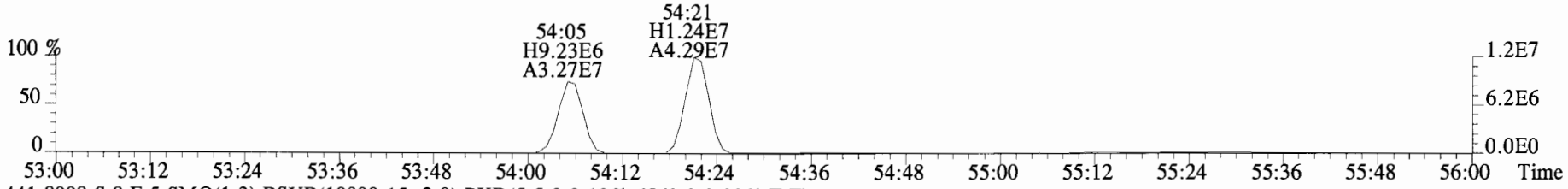
File:171027E1 #1-406 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
427.7635 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4160.0,0.00%,F,F)



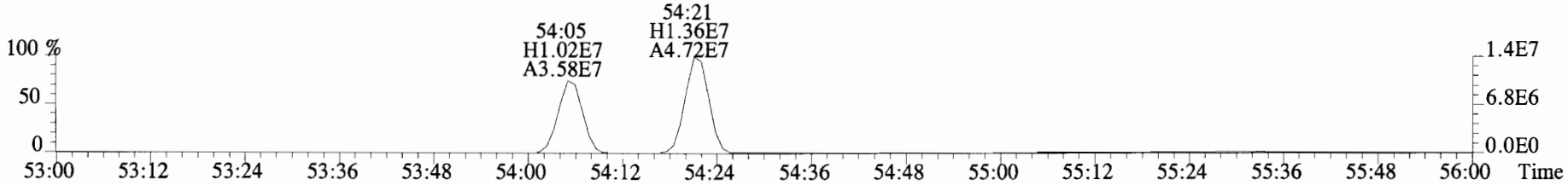
429.7606 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,4516.0,0.00%,F,F)



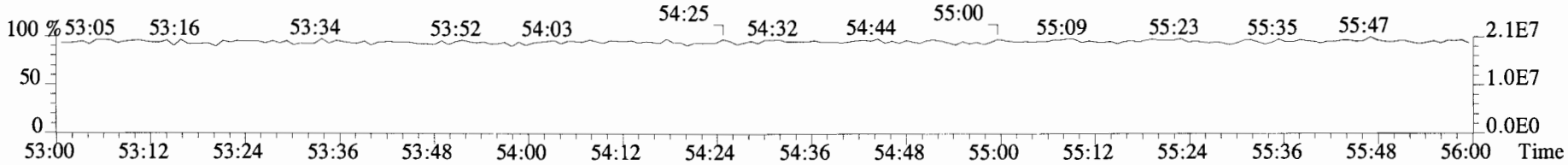
439.8038 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6092.0,0.00%,F,F)



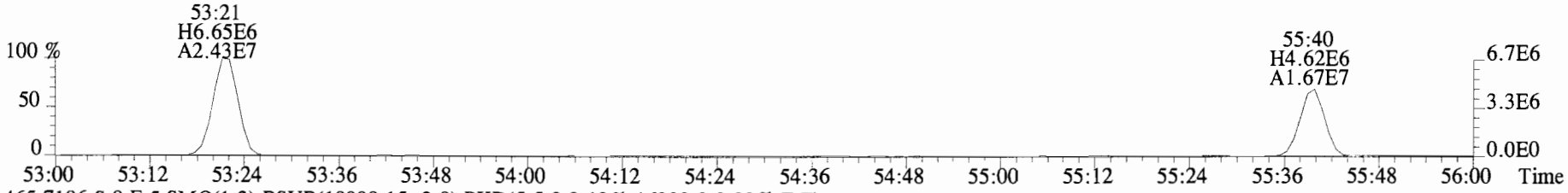
441.8008 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,6560.0,0.00%,F,F)



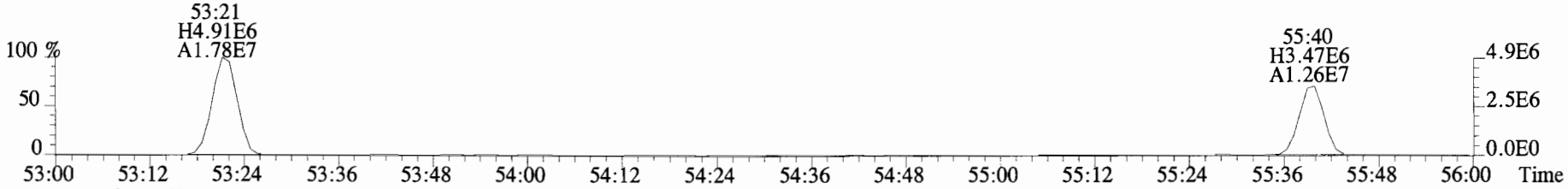
492.9697 S:8 F:5



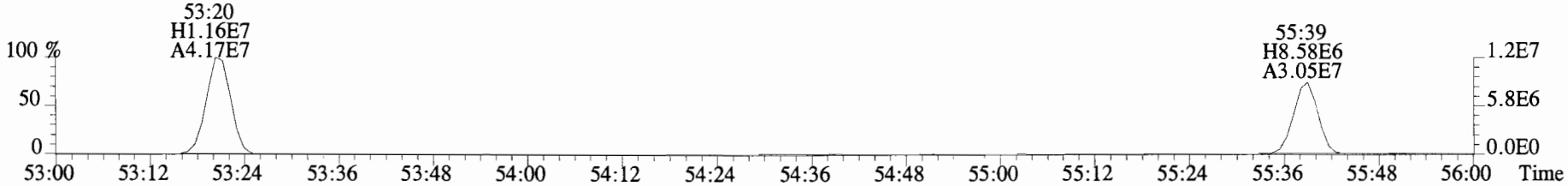
File:171027E1 #1-406 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
463.7216 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,21540.0,0.00%,F,F)



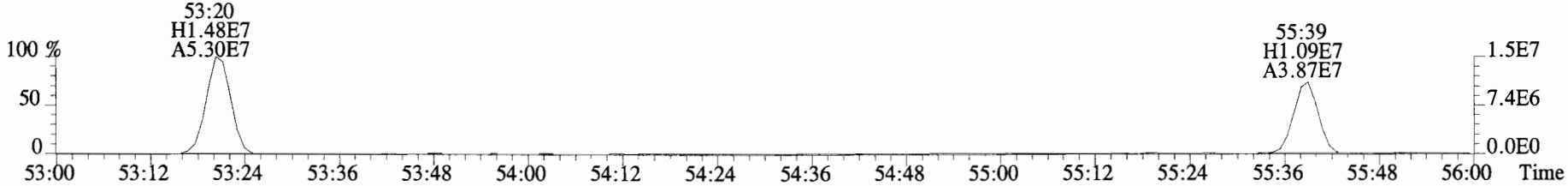
465.7186 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,16380.0,0.00%,F,F)



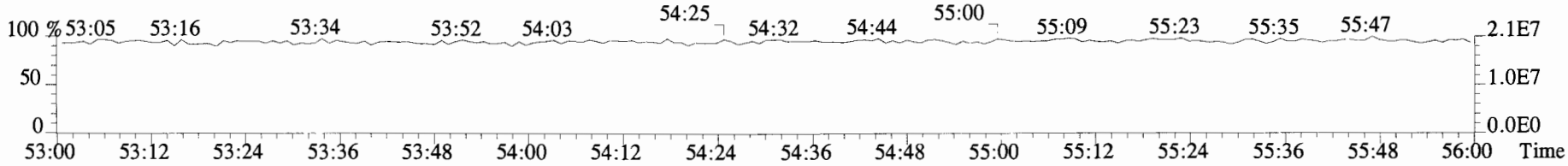
473.7648 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,34632.0,0.00%,F,F)



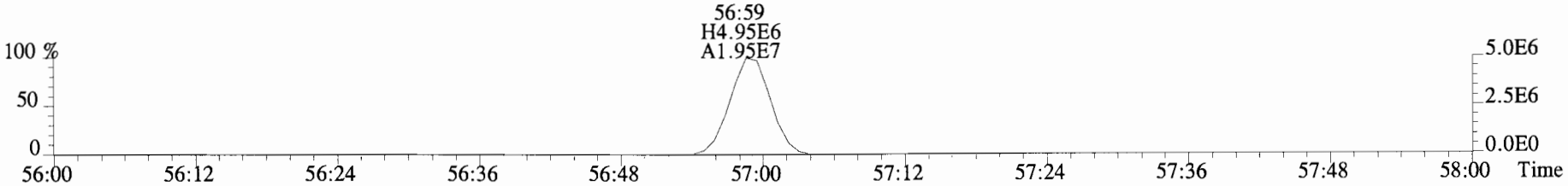
475.7619 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,52500.0,0.00%,F,F)



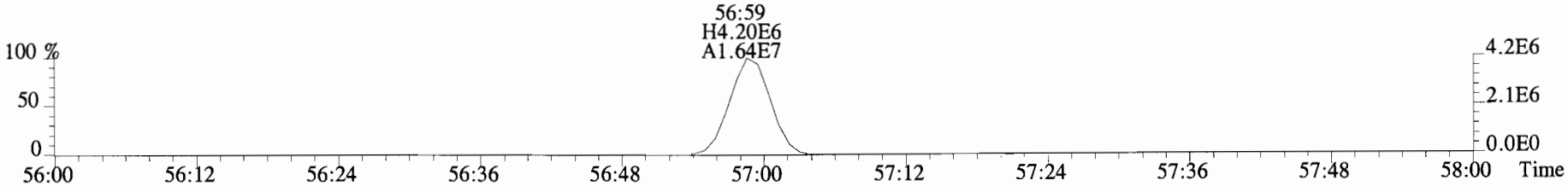
492.9697 S:8 F:5



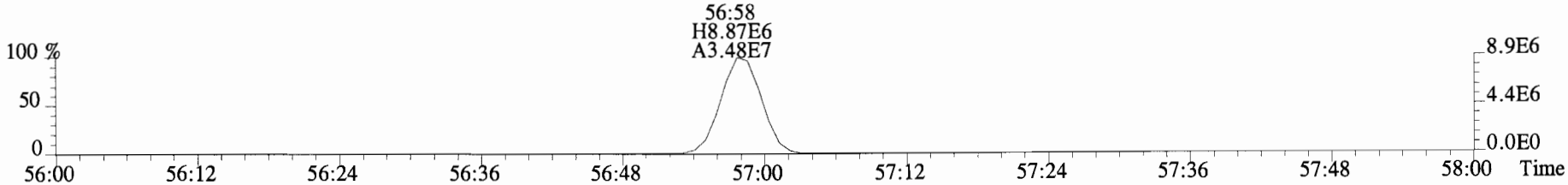
File:171027E1 #1-406 Acq:27-OCT-2017 18:03:11 GC EI+ Voltage SIR Autospec-UltimaE
Sample#8 File Text:Vista Analytical Laboratory VG-8 Text:SS171027E1-1 PCB SSS 17C1025 Exp:PCB_ZB1
497.6826 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1444.0,0.00%,F,F)



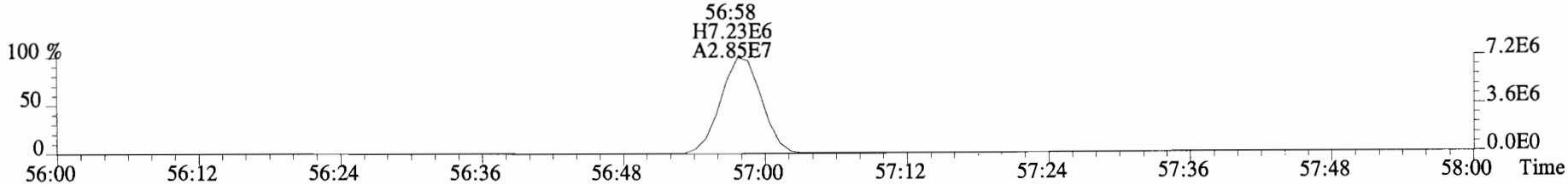
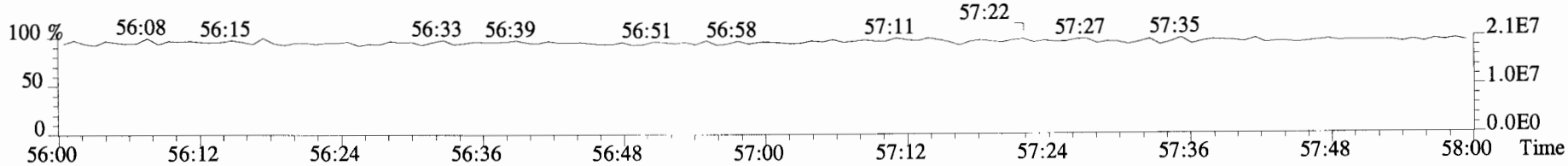
499.6797 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1348.0,0.00%,F,F)



509.7229 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1548.0,0.00%,F,F)



511.7199 S:8 F:5 SMO(1,3) BSUB(10000,15,-3.0) PKD(5,5,2,0.10%,1352.0,0.00%,F,F)



492.9697 S:8 F:5